SEBP3849-43 (en-us)
November 2017

Parts Manual

844H Wheel Tractor

BTW1-UP (Machine)
EHX1-UP (Engine)
MPR1-UP (Transmission)
2JT1-UP (Torque Converter)

Powered By C27 Engine

Product and Dealer Information

Note: For product identification plate locations, see the section “Product Identification Information” in the Operation and Maintenance Manual.

Delivery Date: _____

Product Information

Model: _____

Product Identification Number: _____

Engine Serial Number: _____

Transmission Serial Number: _____

Generator Serial Number: _____

Attachment Serial Numbers: _____

Attachment Information: _____

Customer Equipment Number: _____

Dealer Equipment Number: _____

Dealer Information

Name: _____ Branch: _____

Address: _____

_____

_____

	Dealer Contact	Phone Number	Hours
Sales:	_____	_____	_____
Parts:	_____	_____	_____
Service:	_____	_____	_____

MEMORANDA

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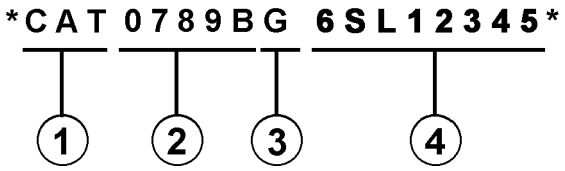
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1. MACHINE IDENTIFICATION

Cat machines are identified by Product Identification Numbers (PIN). Some components included in a machine may be identified by Serial Numbers (S/N). Typical components that will be serialized include engines, transmissions, bulldozers, and rippers. The machine and engine are further identified by arrangement numbers and in some cases modification numbers. These numbers are shown on the product identification plate(s) and on the master plate in the operator's compartment.

Cat dealers need all of these numbers to determine accurate parts identification.

Effective First Quarter 2001 the Cat Product Identification Number (PIN) changed from 8 to 17 characters. In an effort to provide uniform equipment identification, Caterpillar and other construction equipment manufacturers are moving to comply with the latest version of the product identification numbering standard. Non-road machine PINs are defined by ISO 10261. The new PIN format will apply to all Cat machines and generator sets. The PIN plates and frame marking will display the 17 character PIN. The new format will look like the following:



Where:

1. Caterpillar's World Manufacturing Code (characters 1-3)

2. Machine Descriptor (characters 4-8)

3. Check Character (character 9)

4. Machine Indicator Section (MIS) or Product Sequence Number (characters 10-17). These were previously referred to as the Serial Number.

Machines and generator sets produced before First Quarter 2001 will maintain their 8 character PIN format.

Components such as engines, transmissions, axles, etc. and work tools will continue to use an 8 character Serial Number (S/N).

2. ORDERING PARTS

⚠ WARNING

When replacement parts are required for this product Caterpillar recommends using Caterpillar replacement parts or parts with equivalent specifications including, but not limited to, physical dimensions, type, strength and material.

Failure to heed this warning can lead to premature failures, product damage, personal injury or death.

Quality Cat replacement parts are available from Cat dealers throughout the world. Their parts inventories are up to date and include all parts normally required to protect your investment in Cat machines. Dealers may offer repair kits or remanufactured parts to allow selection of the most effective repair alternative for a particular situation. When ordering parts, your order should specify the quantity, part number, part name, and the serial number/product identification number of the machine for which the parts are needed.

3. PARTS MANUAL ORGANIZATION

Product information in this manual is presented as "information elements" that represent all of the components for the specific model. Engine Arrangement and Seat Group are examples of information elements. The information elements are organized alphabetically by part name and secondarily by part number within each major section of the manual.

4. TABLE OF CONTENTS

A table of contents (TOC) is found at the beginning of the manual. The TOC lists each section of the manual with a complete list of all information elements organized as they appear in the manual. Page numbers are provided for quick reference to detailed parts identification illustrations and serviceable consist lists.

5. MAINTENANCE PARTS INDEX

The Maintenance Parts Index, located near the beginning of the manual, references most frequently used maintenance part numbers, providing description, quantity, usage and page number. This information is organized alphabetically by part description.

6. INDEX

The index located near the front of the manual is an alphabetical listing of all information elements included in the manual. Page numbers are provided for quick reference to detailed parts identification illustrations and serviceable consist lists.

7. PART NUMBER INDEX

A numerical index listing all part numbers and the corresponding page number(s) appears at the back of the manual.

8. CAPTIONS

Captions located at the beginning of each information element identify the part number and part name along with additional descriptive information. PIN and S/N information found in each caption should be used to select correct information for a specific machine. Field replacement options, identification of optional attachment components, and where used ("part of") information is also provided.

The first line of a caption is shown in larger type font to indicate the beginning of an information element. Captions for additional pages that may be required to illustrate an information element will be shown in standard type font and will include the term (contd.).

9. NON-SERVICED PARTS

In some instances it is necessary to display non-serviced parts that are a link to a lower level serviceable consist lists. These non-serviced part numbers are shown in italic type indicating that they are not available.

10. PARTS LIST REFERENCE NUMBERS

Numbers shown in the Ref No column correspond to numbers used in the associated graphic(s). An alphabetic suffix may be added to a reference number to identify lower level consist items. Numbers shown in the Graphic Ref column refer to the graphic number identifier displayed in the lower left corner of each illustration. The Graphic Ref number may be used in combination with the item Ref No to determine the correct part number. There may be intentional omission of a Ref No in a consist list as information is updated to reflect the latest serviceable part numbers.

11. INDENTED PART NAMES

When a part name is indented in a parts list, it is part of (included in) the group or assembly under which it is indented.

12. ILLUSTRATION REFERENCE LETTERS

When necessary, illustrations contain reference letters (A, B, C etc.) that are intended to track lines and harnesses from one point to another. They are also used to show where to reconnect illustrations that have been separated.

13. ABBREVIATIONS AND SYMBOLS

O.D. – Outside Diameter
I.D. – Inside Diameter
A – Not Part Of This Group
B – Use As Required
C – Change From Previous Type
D – Order By The Meter
E – Order By The Centimeter
F – Not Shown
G – Order By The Inch
I – Refer To Hydraulic Information System
M – Metric Part
R – Remfg Part May Be Available
Y – Separate Illustration
Z – Not Serviced Separately

14. DESCRIPTION OF TYPE CHANGES

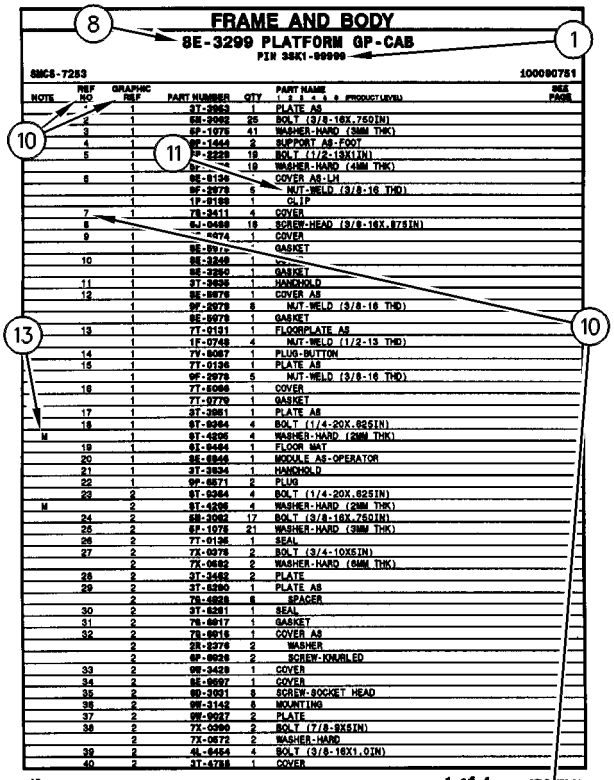
Type - A type is defined as any configuration change that requires an additional Information Element for an Arrangement, Group, or Assembly. If serial number breaks for types are not available, a type # (Type 1, Type 2, etc.) will be displayed in the caption. These "type" changes are identified with a "C" note (change from previous type) in the Parts List. Only the "types" that apply to this Parts Manual will be included. Additional types may exist causing "C" notes to appear on an Information Element when no other types are shown.

15.<END>

This symbol indicates the end of an information element.

NOTE:

Continuing improvement and advancement of product design may cause changes to your machine which may not be included in this publication. Whenever a question arises regarding your Cat product or this publication, please consult your Cat dealer for the latest available information.



FRAME AND BODY

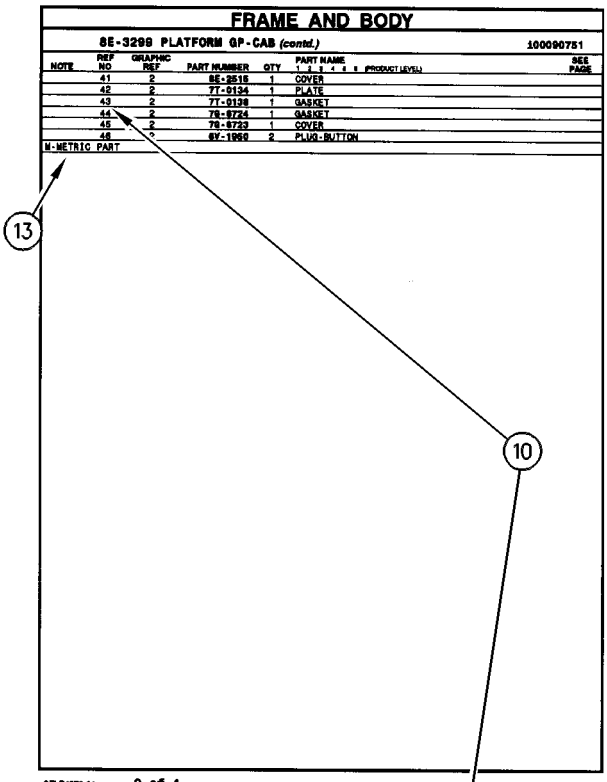
8E-3299 PLATFORM GP-CAB

PIN 3SK1-00999

SMCS-7283 100090751

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME (1 2 3 4 5 6 PRODUCT LEVEL)	SEE PAGE
	1	1	3T-3963	1	PLATE AS	
	2	1	6M-3982	25	BOLT (3/8-16X.75DIN)	
	3	1	5P-1078	41	WASHER-HARD (3MM THK)	
	4	1	9F-1444	2	SUPPORT AS-FOOT	
	5	1	7P-2229	18	BOLT (1/2-13X1IN)	
		1	5P-[illegible]	18	WASHER-HARD (4MM THK)	
	6	1	8E-8136	1	COVER AS-LH	
		1	9F-2979	6	NUT-WELD (3/8-16 THD)	
		1	1F-8188	1	CLIP	
	7	1	7S-3411	4	COVER	
	8		6J-0488	18	SCREW-HEAD (3/8-16X.875IN)	
	9	1	[illegible]-0474	1	COVER	
		1	8E-8976	1	GASKET	
	10	1	8E-3249	1	[illegible]	
		1	8E-3250	1	GASKET	
	11	1	3T-3935	1	HANDHOLD	
	12	1	8E-8978	1	COVER AS	
		1	9F-2979	6	NUT-WELD (3/8-16 THD)	
		1	8E-8979	1	GASKET	
	13	1	7T-0131	1	FLOORPLATE AS	
		1	1F-0748	4	NUT-WELD (1/2-13 THD)	
	14	1	7V-8067	1	PLUG-BUTTON	
	15	1	7T-0136	1	PLATE AS	
		1	9F-2979	5	NUT-WELD (3/8-16 THD)	
	16	1	7T-8066	1	COVER	
		1	7T-0779	1	GASKET	
	17	1	3T-3961	1	PLATE AS	
	18	1	6T-9364	4	BOLT (1/4-20X.625IN)	
M		1	6T-4236	4	WASHER-HARD (2MM THK)	
	19	1	6T-9494	1	FLOOR MAT	
	20	1	8E-8946	1	MODULE AS-OPERATOR	
	21	1	3T-3934	1	HANDHOLD	
	22	1	9F-8571	2	PLUG	
	23	2	6T-9364	4	BOLT (1/4-20X.625IN)	
M		2	6T-4236	4	WASHER-HARD (2MM THK)	
	24	2	6M-3982	17	BOLT (3/8-16X.75DIN)	
	25	2	5P-1078	21	WASHER-HARD (3MM THK)	
	26	2	7T-0136	1	SEAL	
	27	2	7X-0378	2	BOLT (3/4-10X5IN)	
		2	7X-0682	2	WASHER-HARD (6MM THK)	
	28	2	3T-3462	2	PLATE	
	29	2	3T-8280	1	PLATE AS	
		2	7S-4828	6	SPACER	
	30	2	3T-8281	1	SEAL	
	31	2	7S-8917	1	GASKET	
	32	2	7S-8916	1	COVER AS	
		2	2S-2376	2	WASHER	
		2	6F-8628	2	SCREW-KNURLED	
	33	2	9W-3429	1	COVER	
	34	2	8E-8697	1	COVER	
	35	2	9D-3931	8	SCREW-SOCKET HEAD	
	36	2	9W-3142	8	MOUNTING	
	37	2	9W-9927	2	PLATE	
	38	2	7X-0290	2	BOLT (7/8-9X5IN)	
		2	7X-0572	2	WASHER-HARD	
	39	2	4L-6454	4	BOLT (3/8-16X1.0IN)	
	40	2	3T-4788	1	COVER	

12 FRAME AND BODY 1 of 4 SELP[illegible]70-01



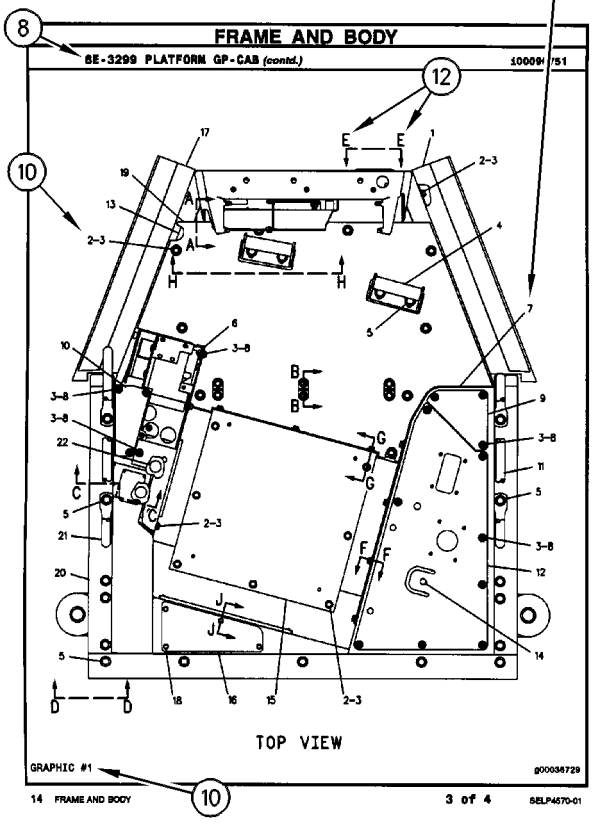
FRAME AND BODY

8E-3299 PLATFORM GP-CAB (contd.) 100090751

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME (1 2 3 4 5 6 PRODUCT LEVEL)	SEE PAGE
	41	2	8E-2516	1	COVER	
	42	2	7T-0134	1	PLATE	
	43	2	7T-0138	1	GASKET	
	44	2	7S-8724	1	GASKET	
	45	2	7S-8723	1	COVER	
	46	2	6V-1960	2	PLUG-BUTTON	

M-METRIC PART

SELP4570-01 2 of 4 FRAME AND BODY 13



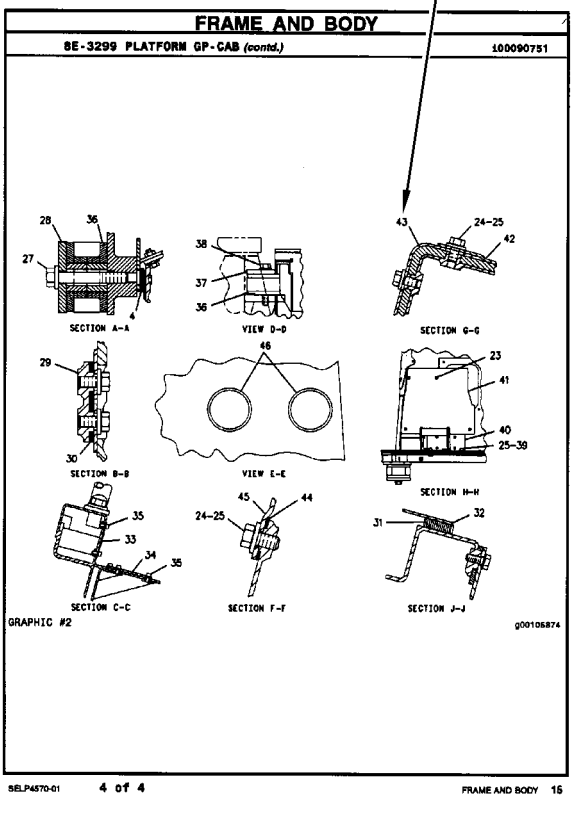
FRAME AND BODY

8E-3299 PLATFORM GP-CAB (contd.) 100090751

TOP VIEW

GRAPHIC #1 g00036729

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FRAME AND BODY

8E-3299 PLATFORM GP-CAB (contd.) 100090751

SECTION A-A

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SECTION G-G

SECTION B-B

VIEW E-E

SECTION H-H

SECTION C-C

SECTION F-F

SECTION J-J

GRAPHIC #2 g00105874

SELP4570-01 4 of 4 FRAME AND BODY 15

REMANUFACTURED COMPONENTS

As an option when making repairs consider Cat Remanufactured Components. Components that are available through the Cat Remanufactured Program are identified three ways in the parts book:

- with the letter R in the note field of the parts list
- with an R* at the beginning of the first line of the caption
- with an *R at the end of the first line of the caption

Typical components included in the Remanufacturing Program include:

ALTERNATORS
CONNECTING RODS
CRANKSHAFTS - UNDERSIZE
CRANKSHAFTS - UPGRADE TO NEW
CYLINDER HEADS
ELECTRONIC CONTROL MODULES (ECM)
ELECTRONIC SENSORS
FUEL INJECTORS
FUEL NOZZLES
FUEL PUMPS
GOVERNORS
OIL PUMPS
PISTONS
SHORT BLOCKS
STARTERS
TURBOCHARGERS - COMPLETE
TURBOCHARGER CARTRIDGES
WATER PUMPS

Cat Remanufactured engines for many engine arrangements are also available.

SUPPLEMENTAL COOLANT ADDITIVES

CUSTOMER BENEFITS:

Protects against cavitation, foam, erosion, corrosion, and scale buildup in cooling systems.

- Provides measured coolant conditioner.

DESCRIPTION:

Additives deplete from the coolant with normal operation. For this reason, Supplemental Coolant Additives (SCA) must be added to all heavy duty coolants at regular intervals. In addition, when not using a fully formulated, pre-charged antifreeze, like Cat DEAC, an initial charge of SCA must be added to the cooling system. The amount of SCA added to the system is dependent on the capacity of the system.

The SCA for initial fill is provided as a liquid. SCA's for maintenance intervals are available in liquid form and as a spin-on element. (No Spin-on available for 3600 Family of Engines)

NOTE:

The amount of SCA added at initial fill is not the same as the amount added at maintenance intervals.

The coolant additive elements can be used with any ethylene or propylene glycol type antifreeze which meets ASTM D4985 or ASTM D5345 Specifications.

NOTE:

For use with standard heavy duty coolant only, not for use with Extended Life Coolant.

PARTS NEEDED:

Cooling System Capacity		Liquid SCA at Initial Fill	Liquid SCA at Maintenance*	Spin-on SCA Maintenance Element*
Liters	Gallons			
22-30	(6-8)	3P-2044 (1)	6V-3542 (1)	111-2370 (1)
30-38	(8-10)	3P-2044 (1) 6V-3542 (1)	111-2372 (1)	111-2369 (1)
38-49	(10-13)	3P-2044 (1) 8T-1589 (1)	111-2372 (1)	111-2369 (1)
49-64	(13-17)	3P-2044 (2)	8T-1589 (1)	9N-3368 (1)
64-83	(17-22)	3P-2044 (2) 8T-1589 (1)	111-2372 (1) 6V-3542 (1)	111-2371 (1)
83-114	(22-30)	3P-2044 (3) 8T-1589 (1)	3P-2044 (1)	9N-3718 (1)
114-163	(30-43)	3P-2044 (5)	3P-2044 (1) 6V-3542 (1)	111-2371 (2)
163-242	(43-64)	3P-2044 (8)	3P-2044 (2)	9N-3718 (2)

* Normal maintenance period is 250 hrs. See your Operation and Maintenance Manual for complete coolant maintenance instructions.

( ) Indicates quantity required.

MAINTENANCE PARTS

DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE
AIR INLET AND EXHAUST SYSTEM				
FILTER ELEMENT AS-AIR (PRIMARY)	6I-2505	1	AIR CLEANER GP	225
		1	AIR CLEANER GP	226
FILTER ELEMENT AS-AIR (SECONDARY)	6I-2506	1	AIR CLEANER GP	225
		1	AIR CLEANER GP	226
BASIC ENGINE				
BREATHER AS (CRANKCASE)	4N-4668	2	COVER GP-VALVE MECHANISM	42
PLUG-DRAIN (ENGINE)	109-5839	1	COVER GP-OIL PAN	35
SEAL (VALVE COVER BASE)	222-6456	1	BASE GP-VALVE COVER & INJ HARN	18
		1	BASE GP-VALVE COVER & INJ HARN	19
		1	BASE GP-VALVE COVER & INJ HARN	20
SEAL-INTEGRAL	234-8937	2	COVER GP-CYLINDER BLOCK	26
		2	COVER GP-CYLINDER BLOCK	28
		1	COVER GP-CYLINDER BLOCK	30
	239-5571	1	COVER GP-CYLINDER BLOCK	30
	239-5572	1	COVER GP-CYLINDER BLOCK	30
		1	COVER GP-OIL PAN	35
		2	KIT-ENGINE GASKET	110
SEAL-INTEGRAL (CYLINDER BLOCK)	239-5571	1	KIT-ENGINE GASKET	110
SEAL-INTEGRAL (FLYWHEEL HOUSING)	234-8937	1	KIT-ENGINE GASKET	110
SEAL-VALVE COVER	224-7506	6	COVER GP-VALVE MECHANISM	38
		6	COVER GP-VALVE MECHANISM	40
		6	COVER GP-VALVE MECHANISM	42
COOLING SYSTEM				
CAP-PRESSURE (7-PSI)	6L-8617	1	TANK GP-RADIATOR TOP	193
		1	TANK GP-RADIATOR TOP	198
		1	TANK GP-RADIATOR TOP	202
		1	TANK GP-RADIATOR TOP	206
		1	TANK GP-RADIATOR TOP	211
		1	TANK GP-RADIATOR TOP	216
FILTER	136-3742	1	KIT-WATER PUMP	176
HOSE-RADIATOR	106-4572	10	RADIATOR GP	190
PLUG-DRAIN	6N-9590	1	TANK GP-RADIATOR TOP	206
		1	TANK GP-RADIATOR TOP	211
		1	TANK GP-RADIATOR TOP	216
PLUG-DRAIN (RADIATOR)	6N-9590	1	VALVE GP-RADIATOR DRAIN	221
REGULATOR-TEMPERATURE (92-DEG C) (COOLANT)	248-5513	2	LINES GP-WATER	182
SEAL-LIP TYPE	3S-9643	2	KIT-WATER LINES GASKET	175
SEAL-LIP TYPE (WATER TEMPERATURE REGULATOR)	3S-9643	2	LINES GP-WATER	182
ELECTRICAL AND STARTING SYSTEM				
BATTERY GP (12-VOLT, MAINTENANCE FREE, WET)	153-5710	2	BATTERY & WIRING GP	339
		2	BATTERY & WIRING GP	342

MAINTENANCE PARTS

DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE
		2	BATTERY & WIRING GP	348
		2	WIRING GP-BUMPER	543
BELT-DRIVE (WARNING BEACON)	9X-8139	1	LAMP GP-WARNING BEACON	425
BELT-SERPENTINE	262-4995	1	ALTERNATOR GP-CHARGING	335
BELT-SERPENTINE (ALTERNATOR)	262-4995	1	ALTERNATOR GP-CHARGING	337
CIRCUIT BREAKER AS (10-AMPERE)	6T-3642	1	WIRING GP-ELECTRONICS BAY	590
CIRCUIT BREAKER AS (10-AMPERE) (KEY SWITCH)	6T-3642	1	WIRING GP-ELECTRONICS BAY	576
		1	WIRING GP-ELECTRONICS BAY	584
CIRCUIT BREAKER AS (105-AMPERE)	171-2212	2	WIRING GP-ELECTRONICS BAY	589
CIRCUIT BREAKER AS (105-AMPERE) (MAIN)	171-2212	2	WIRING GP-ELECTRONICS BAY	576
		2	WIRING GP-ELECTRONICS BAY	583
CIRCUIT BREAKER AS (15-AMPERE, AUTOMATIC RESET)	3T-2662	1	WIRING GP-ELECTRONICS BAY	589
CIRCUIT BREAKER AS (15-AMPERE, AUTOMATIC RESET) (RUNNING LIGHTS)	3T-2662	1	WIRING GP-ELECTRONICS BAY	576
		1	WIRING GP-ELECTRONICS BAY	583
CIRCUIT BREAKER AS (15-AMPERE)	6T-3643	1	WIRING GP-ELECTRONICS BAY	590
CIRCUIT BREAKER AS (15-AMPERE) (ENGINE ECM)	6T-3643	1	WIRING GP-ELECTRONICS BAY	576
		1	WIRING GP-ELECTRONICS BAY	584
ELEMENT AS-HEATER (12-VOLT) (CIGAR LIGHTER)	198-6571	1	WIRING GP-CAB	546
		1	WIRING GP-CAB	558
FILTER (ETHER START)	358-4889	1	VALVE GP-ETHER STARTING	540
FUSE (10-AMPERE)	9W-1442	23	WIRING GP-ELECTRONICS BAY	575
		23	WIRING GP-ELECTRONICS BAY	582
		23	WIRING GP-ELECTRONICS BAY	589
FUSE (125-AMPERE)	220-7087	1	WIRING GP-ENGINE	610
FUSE (15-AMPERE)	9W-1441	6	WIRING GP-ELECTRONICS BAY	575
		6	WIRING GP-ELECTRONICS BAY	582
		6	WIRING GP-ELECTRONICS BAY	589
FUSE (20-AMPERE)	9W-1446	3	WIRING GP-ELECTRONICS BAY	575
		3	WIRING GP-ELECTRONICS BAY	582
		3	WIRING GP-ELECTRONICS BAY	589
FUSE (7.5-AMPERE)	3K-8781	2	WIRING GP-LUBRICATION	621
		2	WIRING GP-LUBRICATION	624
KEY (BATTERY DISCONNECT)	8H-5306	1	SWITCH GP-DISCONNECT	531
LAMP (24-VOLT, 70-WATT)	9X-7849	1	LAMP GP-WARNING BEACON	425
LAMP (24-VOLT, HID)	290-8160	1	LAMP GP-FLOOD	417
		1	LAMP GP-FLOOD	418
LAMP (24-VOLT)	110-2079	10	WIRING GP-CAB	545
		10	WIRING GP-CAB	557
	9X-4494	1	WIRING GP-CAB	545
		1	WIRING GP-CAB	557
LAMP (24-VOLT) (DOME LIGHT)	7N-9943	1	LAMP GP-DOME	408

DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE
LAMP AS-FLOOD (70-WATT)	213-4998	1	LAMP GP-FLOOD	414
LAMP GP-WARNING BEACON (STROBE)	338-1132	1	LIGHTING GP-WARNING BEACON	472
LAMP-HALOGEN (12/24-VOLT, 35-WATT)	209-6638	1	LAMP GP-FLOOD	411
		1	LAMP GP-FLOOD	416
LAMP-HALOGEN (24-VOLT, 70-WATT)	351-9918	1	LAMP GP-FLOOD	409
		1	LAMP GP-FLOOD	410
		1	LAMP GP-FLOOD	412
		1	LAMP GP-FLOOD	413
		1	LAMP GP-FLOOD	415
		1	LAMP GP-HEAD	422
		1	LIGHTING GP-FLOOD	457
		1	LIGHTING GP-FLOOD	461
		1	LIGHTING GP-FLOOD	463
	9X-3463	1	LIGHTING GP-FLOOD	460
LAMP-HALOGEN (24-VOLT, 70-WATT) (HIGH BEAM)	351-9918	1	LAMP GP-HEAD	421
LAMP-INTERIOR (24-VOLT)	8Y-6335	1	WIRING GP-CAB	545
		1	WIRING GP-CAB	557
LAMP-LED (24-VOLT, RED)	163-1876	3	WIRING GP-CAB	546
		3	WIRING GP-CAB	558
LAMP-LED (24-VOLT, YELLOW)	163-1878	5	WIRING GP-CAB	546
		5	WIRING GP-CAB	558
FUEL SYSTEM				
CAP AS-FUEL (LOCKABLE, VENTED)	349-7059	1	ADAPTER GP-FAST FILL FUEL	257
		1	TANK GP-FUEL	327
	7X-7700	1	TANK GP-FUEL	324
FILTER AS-WATER SEP & FUEL (PRIMARY)	326-1644	1	FILTER GP-WATER SEP & FUEL	260
FILTER-FUEL (ADVANCED EFFICIENCY)	1R-0755	1	LINES GP-FUEL FILTER	279
FILTER-FUEL (ADVANCED EFFICIENCY) (SECONDARY)	1R-0755	1	MOUNTING GP-FUEL FILTER	298
		1	MOUNTING GP-FUEL FILTER	302
		1	MOUNTING GP-FUEL FILTER	306
STRAINER-FUEL (FUEL TANK)	9P-7121	1	TANK GP-FUEL	324
		1	TANK GP-FUEL	327
HYDRAULIC SYSTEM				
CAP-FILLER (HYDRAULIC OIL)	4J-3754	1	TANK & FILTER GP-HYDRAULIC	1078
		1	TANK & FILTER GP-HYDRAULIC	1082
CAP-FILLER (HYDRAULIC TANK)	4J-3754	1	TANK & FILTER GP-HYDRAULIC	1086
FILTER ELEMENT AS-OIL (FIRE RESISTANT FLUID)	4T-3134	2	TANK & FILTER GP-HYDRAULIC	1086
FILTER ELEMENT AS-OIL (FIRE RESISTANT FLUID) (HYDRAULIC)	4T-3134	2	TANK & FILTER GP-HYDRAULIC	1078
		2	TANK & FILTER GP-HYDRAULIC	1082
PLUG-DRAIN	9J-7031	1	TANK & FILTER GP-HYDRAULIC	1078
		1	TANK & FILTER GP-HYDRAULIC	1082

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DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE
		1	TANK & FILTER GP-HYDRAULIC	1086
SCREEN (HYDRAULIC)	118-8693	3	TANK & FILTER GP-HYDRAULIC	1078
		3	TANK & FILTER GP-HYDRAULIC	1082
SCREEN AS	7J-2656	1	TANK & FILTER GP-HYDRAULIC	1086
	9T-9227	1	TANK & FILTER GP-HYDRAULIC	1086
SCREEN AS (RETURN SCREEN)	9T-9227	1	TANK & FILTER GP-HYDRAULIC	1078
		1	TANK & FILTER GP-HYDRAULIC	1082
STRAINER (METAL)	3D-6678	1	TANK & FILTER GP-HYDRAULIC	1086
STRAINER (METAL) (HYDRAULIC TANK FILL)	3D-6678	1	TANK & FILTER GP-HYDRAULIC	1078
		1	TANK & FILTER GP-HYDRAULIC	1082
STRAINER AS	6E-4922	1	TANK & FILTER GP-HYDRAULIC	1087
LUBRICATION SYSTEM				
CAP AS (ENGINE OIL DRAIN LINE)	9S-9272	1	OIL CHANGE GP-HIGH SPEED	168
CAP-FILLER (ENGINE OIL)	6G-9333	1	FILLER GP-ENGINE OIL	152
FILTER AS-ENGINE OIL (STANDARD EFFICIENCY)	1R-0716	1	FILTER GP-ENGINE OIL	153
FILTER-ENGINE OIL (ADVANCED EFFICIENCY)	1R-1808	2	FILTER GP-ENGINE OIL	153
		2	FILTER GP-ENGINE OIL	154
SCREEN-STRAINER (ENGINE OIL LINES)	4N-0913	1	LINES GP-ENGINE OIL	158
SEAL-INTEGRAL	126-2702	2	LINES GP-TURBOCHARGER OIL	166
	198-6068	2	LINES GP-TURBOCHARGER OIL	166
	239-5572	1	FILLER GP-ENGINE OIL	152
OPERATOR STATION				
BLADE AS-WIPER (400-MM) (REAR)	6V-5851	1	WIPER & WASHER GP-WINDOW	1393
BLADE AS-WIPER (700-MM) (FRONT)	6V-7419	1	WIPER & WASHER GP-WINDOW	1393
BLADE AS-WIPER (700-MM) (SIDE WINDOW)	6V-7419	2	WIPER GP-WINDOW	1395
CAP-VENTED (WINDOW WASHER TANK)	322-4964	1	WASHER GP-WINDOW	1392
DRYER AS-REFRIGERANT (IN-LINE)	175-7162	1	ACCUMULATOR GP-REFRIGERANT	1205
FILTER ELEMENT-CAB AIR (STANDARD EFFICIENCY)	9X-8216	1	CAB GP	1232
		1	FILTER GP-CAB AIR	1257
		1	FILTER GP-CAB AIR	1259
SCREEN AS-CAB (REAR)	266-4296	1	SCREEN GP-SUN	1352
SCREEN-FILTER (WINDOW WASHER PUMP)	8T-5913	4	WASHER GP-WINDOW	1392
SEAT BELT (3-IN)	206-1750	1	SEAT GP	1359
SEAT BELT GP (RETRACTABLE, 3-IN)	222-0345	1	SEAT GP	1358
POWER TRAIN				
BREATHER (POWER TRAIN)	4H-6112	2	BREATHER GP-POWER TRAIN	673
FILTER ELEMENT AS-OIL (ULTRA HIGH EFFICIENCY)	132-8876	2	FILTER GP-OIL	702

DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE
FILTER ELEMENT-OIL (ADVANCED EFFICIENCY)	343-4465	2	FILTER GP-OIL	702
		2	FILTER GP-OIL	705
FILTER GP-OIL (POWER TRAIN)	353-4675	1	LINES GP-POWER TRAIN OIL	743
FILTER-OIL (ADVANCED EFFICIENCY)	1G-8878	1	FILTER GP-OIL	701
FILTER-OIL (FIRE RESISTANT) (AXLE OIL COOLER)	222-6713	1	FILTER GP-OIL	704
PLUG (TRANSMISSION OIL DRAIN)	138-1510	1	DRAIN GP-ECOLOGY	698
PLUG AS-MAGNETIC (DIFFERENTIAL)	165-4929	1	AXLE GP-OSCILLATING	665
PLUG-MAGNETIC	5P-4484	1	AXLE GP-FIXED	659
		1	AXLE GP-FIXED	661
		1	AXLE GP-OSCILLATING	663
	6V-3298	1	WHEEL & FINAL DRIVE GP	801
PLUG-MAGNETIC (DIFFERENTIAL)	5P-4484	1	AXLE GP-OSCILLATING	665
SCREEN-SUCTION	3S-3875	1	GEAR GP-OUTPUT TRANSFER	711
SERVICE EQUIPMENT AND SUPPLIES				
CAP AS-OIL FILLER (POWER TRAIN)	7W-1484	1	PROTECTION GP-VANDALISM	1442
FILTER ELEMENT AS-OIL (FIRE RESISTANT FLUID)	4T-3134	4	KIT-PREVENTIVE MAINTENANCE	1437
FILTER ELEMENT-OIL (ADVANCED EFFICIENCY)	343-4465	2	KIT-PREVENTIVE MAINTENANCE	1437
FILTER-ENGINE OIL (ADVANCED EFFICIENCY)	1R-1808	1	KIT-PREVENTIVE MAINTENANCE	1437
FILTER-FUEL (ADVANCED EFFICIENCY)	1R-0755	1	KIT-PREVENTIVE MAINTENANCE	1437
SEAL (VALVE COVER BASE)	222-6456	1	KIT-GASKET	1436
SEAL-INTEGRAL	126-2702	1	KIT-GASKET	1436
	198-6068	1	KIT-GASKET	1436
SEAL-INTEGRAL (FLYWHEEL HOUSING)	234-8937	2	KIT-GASKET	1434
SEAL-LIP TYPE	3S-9643	2	KIT-GASKET	1432
		2	KIT-GASKET	1433
SEAL-VALVE COVER	224-7506	3	KIT-GASKET	1436
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SCREEN AS	307-6457	1	VALVE GP-STEERING	1185

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MACHINE ARRANGEMENT

230-3275 CHASSIS AR

S/N: BTW1-UP

PART OF 230-3272 COMMON AR

SMCS-7000 **i04830301**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*193-4746*	1	BUMPER GP-REAR	806
			S/N: BTW1-214	
Y	*360-9826*	1	BUMPER AR-REAR	805
			S/N: BTW215-UP	
Y	*275-3639*	1	CAB GP (ANTENNA, AIR FILTER, DUCTS)	1232
Y	*210-5652*	1	COVER GP-FRAME (FRONT)	811
Y	*231-0810*	1	ENCLOSURE GP-HYDRAULIC TANK	819
			S/N: BTW1-185	
Y	*335-9326*	1	ENCLOSURE GP-HYDRAULIC TANK	821
			S/N: BTW186-UP	
Y	*194-7653*	1	EXTENSION GP-EXHAUST	228
Y	*210-5651*	1	FENDER GP-FRONT	825
Y	*234-5050*	1	FIREWALL GP	832
Y	**197-8600**	1	FRAME AS-FRONT	840
Y	**235-1085**	1	FRAME AS-REAR	842
Y	*194-8200*	1	GUARD GP-CRANKCASE	862
			S/N: BTW1-214	
Y	*8R-5635*	1	GUARD GP-POWER TRAIN	865
			S/N: BTW1-214	
Y	*363-0601*	1	GUARD GP-BOTTOM	861
			S/N: BTW215-UP	
Y	*219-7514*	1	HANDRAIL & STEP GP	869
Y	*8R-5637*	1	HITCH GP-ARTICULATING	900
Y	*231-0800*	1	HOOD & GUARD GP	903
Y	*234-4983*	1	LINES GP-AFTERCOOLER AIR	229
Y	*229-7354*	1	LINES GP-AIR CONDITIONER	1275
Y	*229-8795*	1	LINES GP-CAB HEATER	1283
Y	*234-4914*	1	LINES GP-FUEL	268
Y	*241-3575*	1	LINES GP-GREASE (REAR)	919
Y	*221-8484*	1	LINES GP-GREASE (FRONT)	917
Y	*235-0630*	1	LINES GP-PARKING BRAKE	976
Y	*235-0640*	1	LINES GP-SERVICE BRAKE	980
Y	*234-4987*	1	LINES GP-WATER	181
Y	*8R-5650*	1	LINK GP-STEERING FRAME LOCK	926
Y	*6V-1970*	1	LITERATURE GP (STANDARD CAB)	1287
Y	*360-9828*	1	MOUNTING GP-BUMPER	927
			S/N: BTW215-UP	
Y	*106-4142*	1	MIRROR GP-REAR VIEW	1288
			S/N: BTW1-214	
Y	*353-4228*	1	MIRROR GP-REAR VIEW	1294
			S/N: BTW215-UP	
Y	*8R-5531*	1	MOUNTING GP-PLATFORM	1304
Y	*247-3070*	1	MOUNTING GP-ROPS	1305
Y	*229-8794*	1	OIL CHANGE GP-HIGH SPEED	168
			S/N: BTW186-214	
Y	*234-5904*	1	OPERATOR AR	1306
			S/N: BTW186-214	
Y	*234-5978*	1	PLATE & FILM GP	1438

230-3275 **CHASSIS AR (**contd.**)** **i04830301**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*234-4920*	1	PLATFORM GP-OPERATOR	1327
Y	*276-2543*	1	RADIATOR AR	189
Y	*247-3067*	1	ROPS AR	1350
Y	*234-4988*	1	SHIELD GP-ENGINE COMPARTMENT	933
Y	*236-1401*	1	STARTING AID GP-ETHER	501
Y	*240-0330*	1	SUPPORT GP-TRANSMISSION	773
Y	*221-9246*	1	TANK GP-FUEL	324
Y	*234-4989*	1	TANK GP-RADIATOR TOP	193
Y	*239-3903*	1	WALKWAY GP	950

Y - SEPARATE ILLUSTRATION

<END>

230-3272 COMMON AR

S/N: BTW1-UP

SMCS-7000 **i02429770**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*209-3276*	1	BULLDOZER AR (WITHOUT BLADE)	1194
Y	*230-3275*	1	CHASSIS AR	1
Y	*230-3276*	1	ELECTRICAL AR	377
Y	*230-3277*	1	HYDRAULIC AR	1026
Y	*217-5671*	1	INSTALLATION AR-ENGINE	16
Y	*230-3268*	1	POWER TRAIN AR	759

Y - SEPARATE ILLUSTRATION

<END>

353-4296 CONVERSION AR-MACHINE–CANADA

S/N: BTW1-UP

CANNOT BE USED WITH 353-4276–PAGE: 6, 353-4286–PAGE: 6, 353-4306–PAGE: 4

SMCS-7000 **i04541489**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*350-5572*	2	ACCUMULATOR GP-BRAKE (CHARGED)	961
Y	*237-6446*	1	FILM GP	1424
Y	*271-8109*	1	INSTALLATION AR-COMMUNICATION (PRODUCT LINK 300)	396

Y - SEPARATE ILLUSTRATION

<END>

357-2000 CONVERSION AR-MACHINE–CANADA

S/N: BTW1-UP

SMCS-7000 **i03953309**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*350-5572*	2	ACCUMULATOR GP-BRAKE (CHARGED)	961

Y - SEPARATE ILLUSTRATION

<END>

353-4013 OPTION AR-CAB

S/N: BTW1-UP
CANNOT BE USED WITH 353-4003—PAGE: 4
PART OF 353-4334, 430-5430 OPTION AR-CONVERSION

SMCS-7000, 7301 **i04825968**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*234-7870*	1	LIGHTING AR-STOP & FLOOD	428
Y	*239-5629*	1	LIGHTING GP-FLOOD (ENGINE COMPARTMENT)	442
Y	*368-9066*	1	OPERATOR AR	1306
Y	*258-0959*	1	PRECLEANER AR-CAB AIR	1333
Y	*266-5836*	1	SCREEN GP-SUN	1352

Y - SEPARATE ILLUSTRATION

<END>

353-4054 OPTION AR-COLD WEATHER

S/N: BTW1-UP
FUEL, JACKET WATER
CANNOT BE USED WITH 353-4064—PAGE: 3

SMCS-7000 **i04775241**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*234-7895*	1	STARTING AR-COLD WEATHER	505
Y	*238-6475*	1	HEATER GP-JACKET WATER	389
			S/N: BTW1-225	
Y	*361-5695*	1	HEATER GP-JACKET WATER	392
			S/N: BTW226-UP	
Y	*241-0145*	1	HEATER GP-FUEL-COOLANT	261

Y - SEPARATE ILLUSTRATION

<END>

353-4064 OPTION AR-COLD WEATHER

S/N: BTW1-UP
CANNOT BE USED WITH 353-4054—PAGE: 3

SMCS-7000 **i04775242**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*234-7895*	1	STARTING AR-COLD WEATHER	505
Y	*241-0145*	1	HEATER GP-FUEL-COOLANT	261
Y	*274-9446*	1	HEATER GP-JACKET WATER	390
			S/N: BTW1-225	
Y	*361-5696*	1	HEATER GP-JACKET WATER	394
			S/N: BTW226-UP	

Y - SEPARATE ILLUSTRATION

<END>

353-4306 OPTION AR-CONVERSION

S/N: BTW1-UP

CANNOT BE USED WITH 353-4276—PAGE: 6, 353-4286—PAGE: 6, 353-4296—PAGE: 2

SMCS-7000 **i04541479**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*322-3908*	1	FILM GP-INTERNATIONAL	1431

Y - SEPARATE ILLUSTRATION

<END>

353-4334 OPTION AR-CONVERSION

S/N: BTW1-UP

SMCS-7000 **i04826856**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*353-4304*	1	AXLE AR-FIXED & OSCILLATING	657
YR	**217-5670**	1	ENGINE AR-COMPLETE	8
Y	*353-4013*	1	OPTION AR-CAB	3
Y	*353-4286*	1	OPTION AR-REGIONAL	6
Y	*353-4324*	1	OPTION AR-ROADING	6
Y	*353-4274*	1	OPTION AR-SERVICE	7
Y	*367-5650*	1	PUMP & MTG GP-STEERING & FAN (HIGH AMBIENT TEMP COOLING)	1151

R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

<END>

430-5430 OPTION AR-CONVERSION

S/N: BTW1-UP

SMCS-7000 **i05422645**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*353-4304*	1	AXLE AR-FIXED & OSCILLATING	657
YR	**217-5670**	1	ENGINE AR-COMPLETE	8
Y	*353-4013*	1	OPTION AR-CAB	3
Y	*353-4286*	1	OPTION AR-REGIONAL	6
Y	*430-5429*	1	OPTION AR-ROADING	6
Y	*353-4274*	1	OPTION AR-SERVICE	7
Y	*367-5650*	1	PUMP & MTG GP-STEERING & FAN (HIGH AMBIENT TEMP COOLING)	1151

R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

<END>

353-4003 OPTION AR-MACHINE

S/N: BTW1-UP

SMCS-7000 **i04825235**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*234-5904*	1	OPERATOR AR	1306
Y	*258-0959*	1	PRECLEANER AR-CAB AIR	1333
Y	*266-5836*	1	SCREEN GP-SUN	1352

Y - SEPARATE ILLUSTRATION

<END>

353-4104 OPTION AR-MACHINE

S/N: BTW1-UP

CANNOT BE USED WITH 353-4124—PAGE: 5

SMCS-7000 **i04527201**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*240-5664*	1	AXLE AR-FIXED (FRONT)	657
Y	*240-5665*	1	AXLE AR-OSCILLATING (REAR)	658

Y - SEPARATE ILLUSTRATION

<END>

353-4124 OPTION AR-MACHINE

S/N: BTW1-UP

CANNOT BE USED WITH 353-4104—PAGE: 5

SMCS-7000 **i04530382**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*240-5664*	1	AXLE AR-FIXED (FRONT)	657
Y	*366-7858*	1	AXLE AR-OSCILLATING	658

Y - SEPARATE ILLUSTRATION

<END>

353-4264 OPTION AR-MACHINE

S/N: BTW1-UP

PART OF 369-9531 OPTION AR-MACHINE

SMCS-7000 **i04832733**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*267-8836*	1	CAMERA AR	365
Y	*322-3908*	1	FILM GP-INTERNATIONAL	1431
Y	*271-9275*	1	INSTALLATION AR-COMMUNICATION (PRODUCT LINK 300)	396

Y - SEPARATE ILLUSTRATION

<END>

369-9531 OPTION AR-MACHINE

S/N: BTW1-UP

SMCS-7000 **i04827369**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
YR	**360-3755**	1	ENGINE AR-COMPLETE	12
Y	*353-4264*	1	OPTION AR-MACHINE	5
Y	*240-9104*	1	SUPPRESSION AR-SOUND	938

R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

<END>

353-4276 OPTION AR-REGIONAL

S/N: BTW1-UP

CANNOT BE USED WITH 353-4286—PAGE: 6, 353-4296—PAGE: 2, 353-4306—PAGE: 4

SMCS-7000 **i04541474**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*322-3908*	1	FILM GP-INTERNATIONAL	1431
Y	*271-9275*	1	INSTALLATION AR-COMMUNICATION (PRODUCT LINK 300)	396

Y - SEPARATE ILLUSTRATION

<END>

353-4286 OPTION AR-REGIONAL—NACD

S/N: BTW1-UP

CANNOT BE USED WITH 353-4276—PAGE: 6, 353-4296—PAGE: 2, 353-4306—PAGE: 4

PART OF 353-4334, 430-5430 OPTION AR-CONVERSION

SMCS-7000 **i04541311**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*237-6446*	1	FILM GP	1424
Y	*271-8109*	1	INSTALLATION AR-COMMUNICATION (PRODUCT LINK 300)	396

Y - SEPARATE ILLUSTRATION

<END>

353-4324 OPTION AR-ROADING

S/N: BTW1-UP

PART OF 353-4334 OPTION AR-CONVERSION

SMCS-7000 **i04826698**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*267-8836*	1	CAMERA AR	365
Y	*220-6084*	1	FENDER GP	824
Y	*240-7880*	1	LIGHTING AR-WARNING BEACON	429

Y - SEPARATE ILLUSTRATION

<END>

430-5429 OPTION AR-ROADING

S/N: BTW1-UP

PART OF 430-5430 OPTION AR-CONVERSION

SMCS-7000 **i05417695**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*220-6084*	1	FENDER GP	824
Y	*240-7880*	1	LIGHTING AR-WARNING BEACON	429

Y - SEPARATE ILLUSTRATION

<END>

353-3994 OPTION AR-SERVICE

S/N: BTW1-UP

CANNOT BE USED WITH 353-4274—PAGE: 7

SMCS-7000 **i04528578**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*221-9254*	1	ADAPTER GP-FAST FILL FUEL	255
Y	*229-8794*	1	OIL CHANGE GP-HIGH SPEED	168

Y - SEPARATE ILLUSTRATION

<END>

353-4274 OPTION AR-SERVICE

S/N: BTW1-UP

CANNOT BE USED WITH 353-3994—PAGE: 7

PART OF 353-4334, 430-5430 OPTION AR-CONVERSION

SMCS-7000 **i04826550**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*221-9254*	1	ADAPTER GP-FAST FILL FUEL	255
Y	*229-8794*	1	OIL CHANGE GP-HIGH SPEED	168
Y	*353-4284*	1	OPTION AR-SERVICE	7

Y - SEPARATE ILLUSTRATION

<END>

353-4284 OPTION AR-SERVICE

S/N: BTW1-UP

PART OF 353-4274 OPTION AR-SERVICE

SMCS-7000 **i04826599**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*219-5005*	1	LINES GP-AUTOMATIC LUBRICATION (REAR FRAME)	913
Y	*219-5006*	1	LINES GP-AUTOMATIC LUBRICATION (FRONT FRAME)	915
Y	*219-5010*	1	WIRING GP-LUBRICATION	621

Y - SEPARATE ILLUSTRATION

<END>

217-5670 ENGINE AR-COMPLETE*R

S/N: EHX1-UP
686 BHP
PART OF 353-4334, 430-5430 OPTION AR-CONVERSION

SMCS-1000 **i03836459**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*262-0898*	1	ALTERNATOR GP-CHARGING	335
			S/N: EHX2416-3902	
Y	*230-5422*	1	CONNECTION GP-ELECTRICAL	366
			S/N: EHX1-2415	
Y	*251-7428*	1	CONNECTION GP-ELECTRICAL	367
			S/N: EHX2416-UP	
Y	*241-0072*	1	CONTROL & MTG GP-ENGINE ELEK	368
Y	*224-3170*	1	COVER GP-CYLINDER BLOCK (FRONT STRUCTURE)	24
Y	*226-7622*	1	COVER GP-CYLINDER BLOCK (REAR STRUCTURE)	26
Y	*238-6474*	1	COVER GP-CYLINDER BLOCK (CENTRAL STRUCTURE)	30
Y	*188-4645*	1	COVER GP-OIL PAN	35
Y	*239-2252*	1	COVER GP-VALVE MECHANISM	38
			S/N: EHX1-3001	
Y	*280-7992*	1	COVER GP-VALVE MECHANISM	40
			S/N: EHX3002-3345	
Y	*295-6461*	1	COVER GP-VALVE MECHANISM	42
Y	*6N-2229*	1	DAMPER GP	86
			S/N: EHX1-2415	
Y	*263-5259*	1	DAMPER GP	84
			S/N: EHX2416-UP	
Y	*231-3701*	1	ENGINE AR-CORE	13
			S/N: EHX1-2415	
Y	*262-9144*	1	ENGINE AR-CORE	14
			S/N: EHX2416-5530	
Y	*350-5499*	1	ENGINE AR-CORE	15
			S/N: EHX5531-UP	
Y	*226-5494*	1	FILLER GP-ENGINE OIL	152
Y	*4N-2357*	1	FILTER GP-ENGINE OIL	154
			S/N: EHX1-2415, 2487-UP	
Y	*271-4023*	1	FILTER GP-ENGINE OIL	153
			S/N: EHX2416-2486	
Y	*224-3167*	1	FLYWHEEL GP	87
Y	*206-5086*	1	GAUGE GP-OIL LEVEL (DIPSTICK) (ENGINE)	157
Y	*217-5688*	1	GEAR GP-REAR	94
			S/N: EHX1-2415	
Y	*263-2941*	1	GEAR GP-REAR	98
			S/N: EHX2416-UP	
Y	*217-5685*	1	HOUSING GP-FLYWHEEL	101
Y	*235-2014*	1	LIFTING GP-ENGINE	111
Y	*217-5683*	1	LINES GP-AIR	230
Y	*188-4641*	1	LINES GP-ENGINE OIL	158
Y	*225-9619*	1	LINES GP-ENGINE OIL FILTER	160
Y	*256-7940*	1	LINES GP-FUEL FILTER	283
			S/N: EHX2416-UP	
Y	*217-5677*	1	LINES GP-TURBOCHARGER OIL	166
Y	*217-5673*	1	LINES GP-WATER	177
Y	*238-7590*	1	LINES GP-WATER	182

217-5670 **ENGINE AR-COMPLETE (**contd.**)** **i03836459**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*217-5682*	1	MANIFOLD GP-EXHAUST	237
			S/N: EHX1-2415	
Y	*259-6926*	1	MANIFOLD GP-EXHAUST	239
			S/N: EHX2416-UP	
Y	*261-8342*	1	MOUNTING GP-ALTERNATOR	120
			S/N: EHX2416-UP	
Y	*256-7941*	1	MOUNTING GP-FUEL FILTER	298
			S/N: EHX2416-UP	
Y	*241-1833*	1	PAN GP-OIL	121
			S/N: EHX1-2415	
Y	*280-7499*	1	PAN GP-OIL	123
			S/N: EHX2487-UP	
Y	*256-9738*	1	PLATE GP-ENGINE IDENTIFICATION (ACERT)	1440
			S/N: EHX2416-UP	
Y	*280-4239*	1	PLUG GP-CYLINDER BLOCK	126
			S/N: EHX2487-5530	
Y	*351-2234*	1	PLUG GP-CYLINDER BLOCK	127
			S/N: EHX5531-UP	
Y	*223-6407*	1	PLUG GP-CYLINDER HEAD	128
Y	*223-6421*	1	PUMP & MTG GP-FUEL TRANSFER	309
Y	*221-1439*	1	PUMP GP-FUEL PRM & PRIM FILTER	316
			S/N: EHX1-2415	
Y	*4N-5837*	1	PUMP GP-WATER	187
Y	*280-4101*	1	SENSOR GP-ENGINE	477
			S/N: EHX2487-UP	
Y	*243-3864*	1	SHIELD GP-HEAT	246
Y	*311-4119*	1	SUPPORT GP-AFTERCOOLER	251
Y	*217-5672*	1	SUPPORT GP-ENGINE (FRONT)	148
Y	*238-8294*	1	WIRING GP-ENGINE ELECTRONIC	614
			S/N: EHX1-2415	
Y	*267-4523*	1	WIRING GP-ENGINE ELECTRONIC	616
			S/N: EHX2416-UP	
			PLEASE USE THE GASKET KIT LINK IN SIS OR CONTACT YOUR LOCAL DEALER FOR THE LATEST GASKET KIT INFORMATION	

Y - SEPARATE ILLUSTRATION

<END>

271-8633 ENGINE AR-COMPLETE*R

S/N: EHX1-UP

PART OF 369-1862 ENGINE AR-COMPLETE

SMCS-1000 **i03867351**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*251-7428*	1	CONNECTION GP-ELECTRICAL	367
Y	*241-0072*	1	CONTROL & MTG GP-ENGINE ELEK	368
Y	*226-7622*	1	COVER GP-CYLINDER BLOCK	26
Y	*238-6474*	1	COVER GP-CYLINDER BLOCK	30
Y	*273-1643*	1	COVER GP-CYLINDER BLOCK (FRONT STRUCTURE)	31
Y	*273-1645*	1	COVER GP-SOUND SUPPRESSION	36
Y	*188-4645*	1	COVER GP-OIL PAN	35
Y	*239-2252*	1	COVER GP-VALVE MECHANISM	38
			S/N: EHX1-3253	
Y	*280-7992*	1	COVER GP-VALVE MECHANISM	40
			S/N: EHX3254-3456	
Y	*295-6461*	1	COVER GP-VALVE MECHANISM	42
Y	*263-5259*	1	DAMPER GP	84
Y	*262-9144*	1	ENGINE AR-CORE	14
			S/N: EHX1-5550	
Y	*350-5499*	1	ENGINE AR-CORE	15
			S/N: EHX5551-UP	
Y	*226-5494*	1	FILLER GP-ENGINE OIL	152
Y	*271-4023*	1	FILTER GP-ENGINE OIL	153
			S/N: EHX1-2699	
Y	*4N-2357*	1	FILTER GP-ENGINE OIL	154
			S/N: EHX2700-UP	
Y	*224-3167*	1	FLYWHEEL GP	87
Y	*206-5086*	1	GAUGE GP-OIL LEVEL (DIPSTICK) (ENGINE)	157
Y	*263-2941*	1	GEAR GP-REAR	98
Y	*273-1642*	1	HOUSING GP-FLYWHEEL	105
Y	*235-2014*	1	LIFTING GP-ENGINE	111
Y	*217-5683*	1	LINES GP-AIR	230
Y	*188-4641*	1	LINES GP-ENGINE OIL	158
Y	*225-9619*	1	LINES GP-ENGINE OIL FILTER	160
Y	*256-7940*	1	LINES GP-FUEL FILTER	283
Y	*217-5677*	1	LINES GP-TURBOCHARGER OIL	166
Y	*217-5673*	1	LINES GP-WATER	177
Y	*238-7590*	1	LINES GP-WATER	182
Y	*259-6926*	1	MANIFOLD GP-EXHAUST	239
			S/N: EHX1-2920	
Y	*291-3026*	1	MANIFOLD GP-EXHAUST	240
			S/N: EHX2921-UP	
Y	*261-8342*	1	MOUNTING GP-ALTERNATOR	120
Y	*256-7941*	1	MOUNTING GP-FUEL FILTER	298
Y	*273-1641*	1	PAN GP-OIL	122
Y	*256-9738*	1	PLATE GP-ENGINE IDENTIFICATION (ACERT)	1440
Y	*280-4239*	1	PLUG GP-CYLINDER BLOCK	126
			S/N: EHX1-5550	
Y	*351-2234*	1	PLUG GP-CYLINDER BLOCK	127
			S/N: EHX5551-UP	
Y	*223-6407*	1	PLUG GP-CYLINDER HEAD	128
Y	*223-6421*	1	PUMP & MTG GP-FUEL TRANSFER	309

271-8633 **ENGINE AR-COMPLETE (**contd.**)** **i03867351**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*4N-5837*	1	PUMP GP-WATER	187
			S/N: EHX2700-UP	
Y	*280-4101*	1	SENSOR GP-ENGINE	477
Y	*243-3864*	1	SHIELD GP-HEAT	246
			S/N: EHX1-2920	
Y	*292-2257*	1	SHIELD GP-HEAT	247
			S/N: EHX2921-UP	
Y	*311-4119*	1	SUPPORT GP-AFTERCOOLER	251
Y	*217-5672*	1	SUPPORT GP-ENGINE (FRONT)	148
Y	*267-4523*	1	WIRING GP-ENGINE ELECTRONIC	616
			PLEASE USE THE GASKET KIT LINK IN SIS OR CONTACT YOUR LOCAL DEALER FOR THE LATEST GASKET KIT INFORMATION	

Y - SEPARATE ILLUSTRATION

<END>

360-3755 ENGINE AR-COMPLETE*R

S/N: EHX1-UP
686 BRAKE HP (920 BKW) AT 2000 RPM
PART OF 369-9531 OPTION AR-MACHINE

SMCS-1000 **i04546276**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*251-7428*	1	CONNECTION GP-ELECTRICAL	367
Y	*241-0072*	1	CONTROL & MTG GP-ENGINE ELEK	368
Y	*226-7622*	1	COVER GP-CYLINDER BLOCK	26
Y	*238-6474*	1	COVER GP-CYLINDER BLOCK	30
Y	*273-1643*	1	COVER GP-CYLINDER BLOCK (FRONT STRUCTURE)	31
Y	*188-4645*	1	COVER GP-OIL PAN	35
Y	*273-1645*	1	COVER GP-SOUND SUPPRESSION	36
Y	*295-6461*	1	COVER GP-VALVE MECHANISM	42
Y	*263-5259*	1	DAMPER GP	84
Y	*350-5499*	1	ENGINE AR-CORE	15
Y	*226-5494*	1	FILLER GP-ENGINE OIL	152
Y	*4N-2357*	1	FILTER GP-ENGINE OIL	154
Y	*224-3167*	1	FLYWHEEL GP	87
Y	*206-5086*	1	GAUGE GP-OIL LEVEL (DIPSTICK) (ENGINE)	157
Y	*263-2941*	1	GEAR GP-REAR	98
Y	*273-1642*	1	HOUSING GP-FLYWHEEL	105
Y	*235-2014*	1	LIFTING GP-ENGINE	111
Y	*217-5683*	1	LINES GP-AIR	230
Y	*188-4641*	1	LINES GP-ENGINE OIL	158
Y	*225-9619*	1	LINES GP-ENGINE OIL FILTER	160
Y	*256-7940*	1	LINES GP-FUEL FILTER	283
Y	*217-5677*	1	LINES GP-TURBOCHARGER OIL	166
Y	*217-5673*	1	LINES GP-WATER	177
Y	*238-7590*	1	LINES GP-WATER	182
Y	*291-3026*	1	MANIFOLD GP-EXHAUST	240
Y	*261-8342*	1	MOUNTING GP-ALTERNATOR	120
Y	*256-7941*	1	MOUNTING GP-FUEL FILTER	298
Y	*273-1641*	1	PAN GP-OIL	122
Y	*351-2234*	1	PLUG GP-CYLINDER BLOCK	127
Y	*223-6407*	1	PLUG GP-CYLINDER HEAD	128
Y	*223-6421*	1	PUMP & MTG GP-FUEL TRANSFER	309
Y	*4N-5837*	1	PUMP GP-WATER	187
Y	*280-4101*	1	SENSOR GP-ENGINE	477
Y	*292-2257*	1	SHIELD GP-HEAT	247
Y	*311-4119*	1	SUPPORT GP-AFTERCOOLER	251
Y	*217-5672*	1	SUPPORT GP-ENGINE (FRONT)	148
Y	*267-4523*	1	WIRING GP-ENGINE ELECTRONIC	616
			PLEASE USE THE GASKET KIT LINK IN SIS OR CONTACT YOUR LOCAL DEALER FOR THE LATEST GASKET KIT INFORMATION	

Y - SEPARATE ILLUSTRATION

<END>

369-1862 ENGINE AR-COMPLETE

S/N: BTW1-UP

SMCS-1000 **i05238310**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
YR	**271-8633**	1	ENGINE AR-COMPLETE	10
Y	*240-9104*	1	SUPPRESSION AR-SOUND	938

R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

<END>

231-3701 ENGINE AR-CORE

S/N: EHX1-2415

PART OF 217-5670 ENGINE AR-COMPLETE

SMCS-1000 **i02040793**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*223-6408*	1	BASE GP-VALVE COVER & INJ HARN	17
Y	*237-0842*	1	CYLINDER BLOCK GP	51
Y	*223-6405*	1	CAMSHAFT GP	21
Y	*225-6052*	1	CRANKSHAFT GP	43
Y	*223-6397*	1	CYLINDER HEAD GP	64
Y	*119-8583*	1	FASTENER GP-OIL PUMP MOUNTING	151
Y	*235-0993*	1	GEAR GP-FRONT	88
Y	*238-9862*	1	HOUSING GP-FRONT	107
Y	*233-2462*	1	HOUSING GP-REAR	108
Y	*213-4836*	12	PISTON & ROD GP	124
YR	**116-1980**	1	PUMP GP-ENGINE OIL	170
Y	*238-0489*	12	PUMP GP-FUEL INJECTION	312
Y	*217-5689*	1	TURBOCHARGER GP	252
Y	*223-6398*	1	VALVE MECHANISM GP	150
	226-4735	1	ELECTRONICS GP-ENGINE RATINGS	

R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

<END>

262-9144 ENGINE AR-CORE

S/N: EHX1-5550

PART OF 217-5670, 271-8633 ENGINE AR-COMPLETE

SMCS-1000 **i03820213**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*223-6408*	1	BASE GP-VALVE COVER & INJ HARN	17
Y	*260-9306*	1	CAMSHAFT GP	22
Y	*225-6052*	1	CRANKSHAFT GP	43
Y	*237-0842*	1	CYLINDER BLOCK GP	51
Y	*223-6397*	1	CYLINDER HEAD GP	64
			S/N: EHX1-2486	
Y	*279-7453*	1	CYLINDER HEAD GP	67
			S/N: EHX2487-2989	
Y	*284-8895*	1	CYLINDER HEAD GP	70
			S/N: EHX2990-5458	
Y	*339-3585*	1	CYLINDER HEAD GP	72
			S/N: EHX5459-5550	
Y	*119-8583*	1	FASTENER GP-OIL PUMP MOUNTING	151
Y	*235-0993*	1	GEAR GP-FRONT	88
Y	*238-9862*	1	HOUSING GP-FRONT	107
Y	*233-2462*	1	HOUSING GP-REAR	108
Y	*260-9631*	1	MECHANISM GP-FUEL PUMP & VALVE	113
Y	*213-4836*	12	PISTON & ROD GP	124
YR	**116-1980**	1	PUMP GP-ENGINE OIL	170
Y	*238-0489*	12	PUMP GP-FUEL INJECTION	312
Y	*217-5689*	1	TURBOCHARGER GP	252
	226-4735	1	ELECTRONICS GP-ENGINE RATINGS	

R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

<END>

350-5499 ENGINE AR-CORE

S/N: EHX1-UP

PART OF 217-5670, 271-8633, 360-3755 ENGINE AR-COMPLETE

SMCS-1000 **i05364577**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*223-6408*	1	BASE GP-VALVE COVER & INJ HARN	17
Y	*260-9306*	1	CAMSHAFT GP	22
Y	*225-6052*	1	CRANKSHAFT GP	43
Y	*349-2528*	1	CYLINDER BLOCK GP	53
Y	*339-3585*	1	CYLINDER HEAD GP	72
Y	*119-8583*	1	FASTENER GP-OIL PUMP MOUNTING	151
Y	*235-0993*	1	GEAR GP-FRONT	88
			S/N: EHX5531-6774	
Y	*355-2286*	1	GEAR GP-FRONT	92
			S/N: EHX6775-UP	
Y	*238-9862*	1	HOUSING GP-FRONT	107
Y	*350-8861*	1	HOUSING GP-REAR	109
Y	*260-9631*	1	MECHANISM GP-FUEL PUMP & VALVE	113
Y	*213-4836*	12	PISTON & ROD GP	124
YR	**116-1980**	1	PUMP GP-ENGINE OIL	170
			S/N: EHX1-6774	
YR	**379-3989**	1	PUMP GP-ENGINE OIL (INCLUDES MOUNTING)	171
			S/N: EHX6775-UP	
Y	*238-0489*	12	PUMP GP-FUEL INJECTION	312
Y	*217-5689*	1	TURBOCHARGER GP	252
	226-4735	1	ELECTRONICS GP-ENGINE RATINGS	

R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

<END>

217-5671 INSTALLATION AR-ENGINE

S/N: BTW1-UP

PART OF 230-3272 COMMON AR

SMCS-1000 **i02965864**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*217-5700*	1	AIR CLEANER GP	224
Y	*262-0898*	1	ALTERNATOR GP-CHARGING	335
			S/N: BTW171-UP	
Y	*238-8388*	1	DRAIN GP-FUEL	259
Y	*217-5699*	1	DUST EJECTOR GP	227
Y	*224-9728*	1	FUMES DISPOSAL GP	155
			S/N: BTW1-165	
Y	*295-6462*	1	FUMES DISPOSAL GP	156
			S/N: BTW166-UP	
Y	*224-3159*	1	LINES GP-AIR (ATAAC)	232
Y	*217-5696*	1	LINES GP-TURBOCHARGER AIR	236
Y	*224-3155*	1	MUFFLER GP	242
Y	*234-4919*	1	SHIELD GP-HEAT (TURBOCHARGER)	243
Y	*281-6930*	1	STARTING MOTOR GP-ELECTRIC	513
Y	*7E-0644*	1	SUPPORT GP-ENGINE	149

Y - SEPARATE ILLUSTRATION

<END>

223-6408 BASE GP-VALVE COVER & INJ HARN

S/N: EHX1-UP

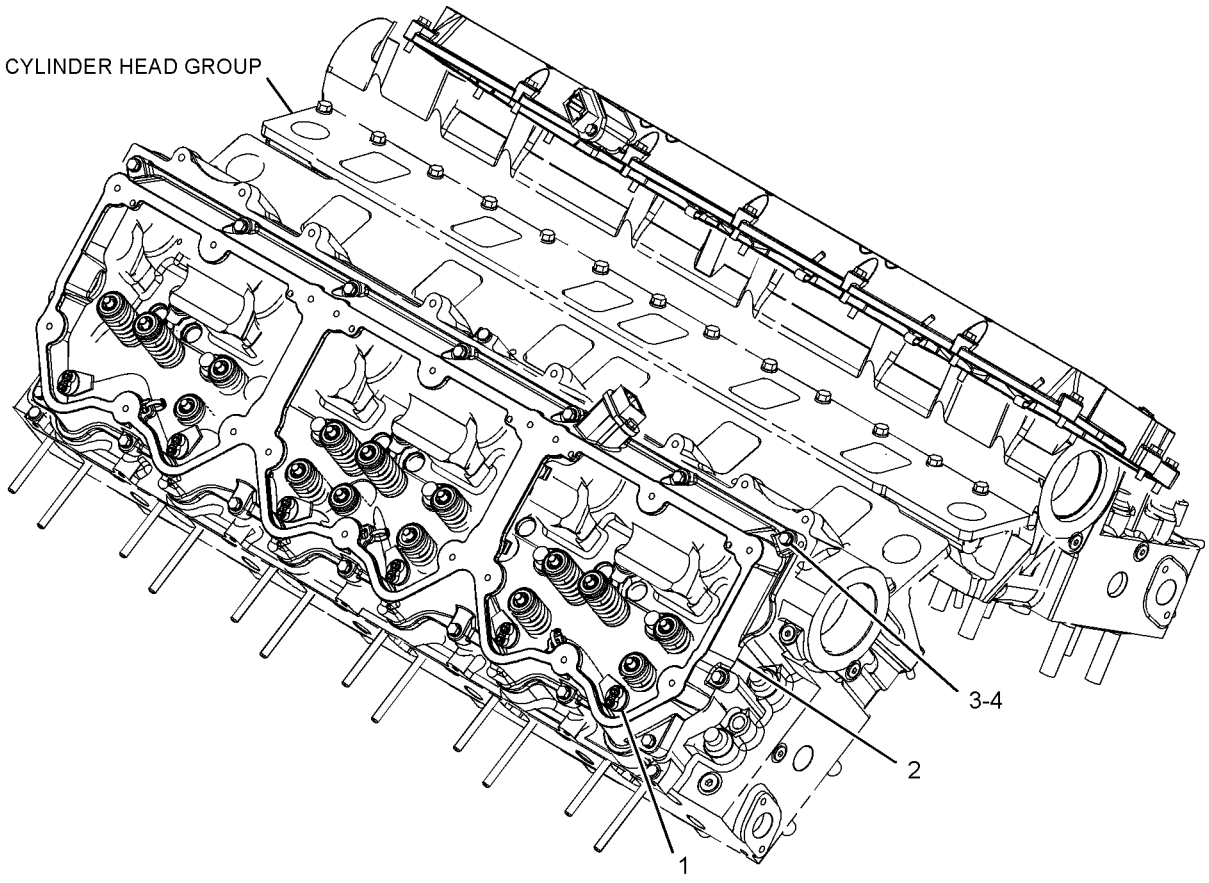
PART OF 231-3701, 262-9144, 350-5499 ENGINE AR-CORE

SMCS-1120, 1408

i02230983

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7E-6508**	12	CAP AS (UNIT INJECTOR)	
Y	2	1	*226-4927*	2	BASE GP-VALVE COVER & INJ HARN	18
	3	1	**1A-9579**	32	BOLT (5/16-18X1.5-IN)	
	4	1	**9M-1974**	32	WASHER-HARD (8.8X16X2-MM THK)	

Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g01051256

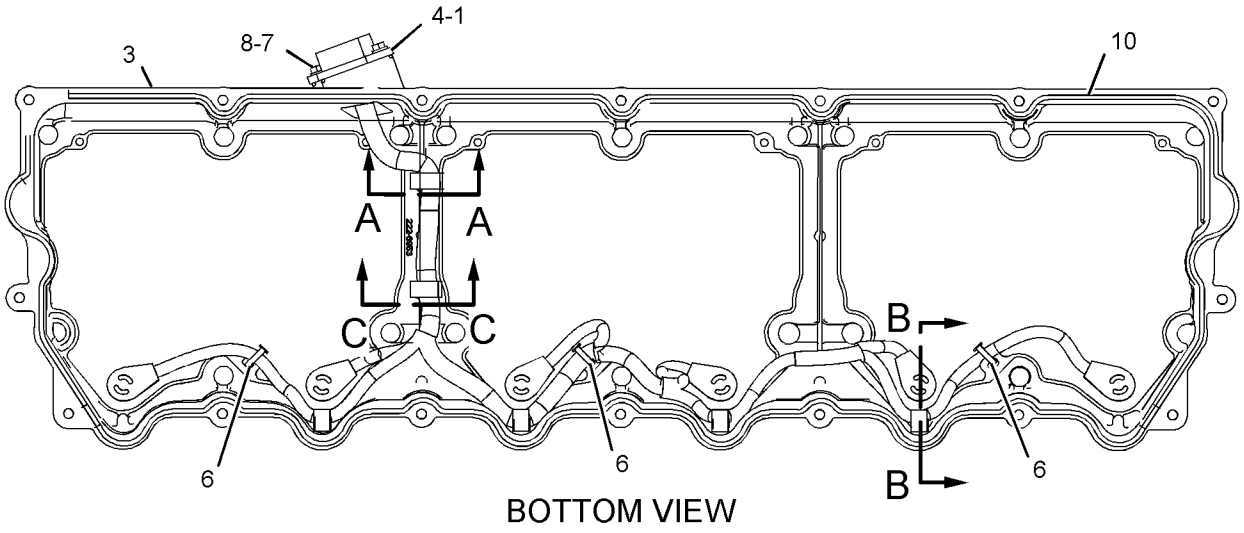
226-4927 BASE GP-VALVE COVER & INJ HARN

S/N: EHX1-2919

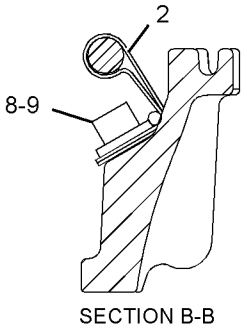
PART OF 223-6408 BASE GP-VALVE COVER & INJ HARN

SMCS-1120, 1408 **i03120040**

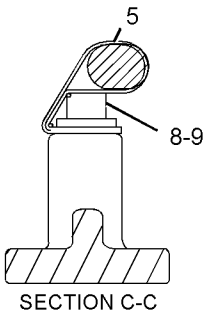
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6V-0128**	1	SEAL-CONNECTOR	
	2	1	**100-5218**	4	CLIP	
	3	1	**222-6953**	1	BASE-VALVE MECHANISM COVER	
	4	1	**232-4517**	1	HARNESS AS-ENGINE (UNIT INJECTOR)	
		1	**103-8134**	1	KIT-RECEPTACLE (12-PIN)	
					(INCLUDES RECPTACLE AS & WEDGE)	
		1	**8T-8737**	3	PLUG-SEAL	
	5	1	**100-5219**	2	CLIP	
	6	1	**123-3202**	3	STRAP-CABLE	
	7	1	**4F-7957**	2	BOLT (1/4-20X0.875-IN)	
	8	1	**5P-0537**	8	WASHER-HARD (7.2X14.5X2-MM THK)	
	9	1	**8H-3127**	6	BOLT (1/4-20X0.75-IN)	
	10	1	**222-6456**	1	SEAL (VALVE COVER BASE)	



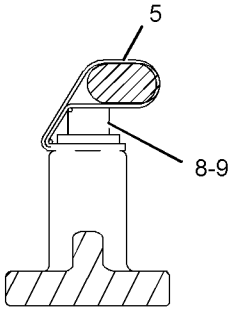
BOTTOM VIEW



SECTION B-B



SECTION C-C



SECTION A-A

GRAPHIC #1 <END> g01051193

226-4927 BASE GP-VALVE COVER & INJ HARN

S/N: EHX2920-UP

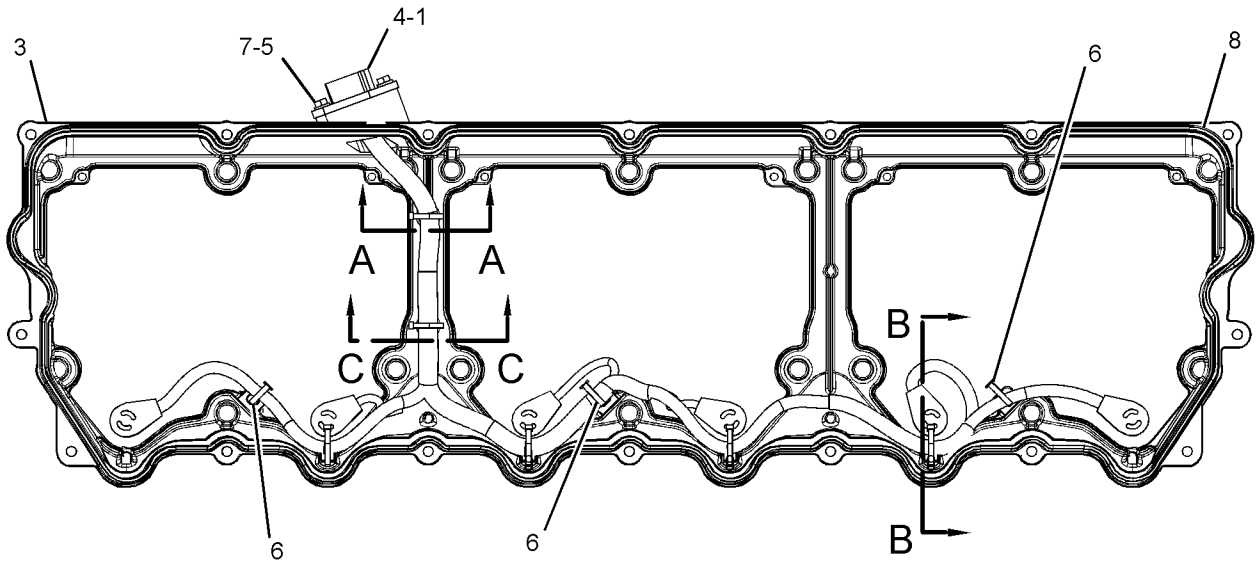
PART OF 223-6408 BASE GP-VALVE COVER & INJ HARN

TYPE 1

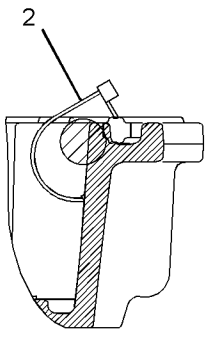
SMCS-1120, 1408 **i05508950**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6V-0128**	1	SEAL-CONNECTOR	
	2	1	**326-4512**	6	MOUNTING-CABLE TIE	
	3	1	**222-6953**	1	BASE-VALVE MECHANISM COVER	
C	4	1	**285-6647**	1	HARNESS AS-ENGINE (UNIT INJECTOR)	
		1	**102-8801**	1	KIT-RECEPTACLE (12-PIN)	
					(INCLUDES RECPTACLE AS & WEDGE)	
		1	**103-8134**	1	KIT-RECEPTACLE (12-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	**8T-8737**	3	PLUG-SEAL	
		1	**9X-3401**	9	PIN-CONNECTOR (16-GA TO 18-GA)	
					–OR–	
		1	**126-1767**	9	PIN-CONNECTOR (14-GA TO 16-GA)	
	5	1	**8T-4205**	2	WASHER-HARD (7.2X14.5X2-MM THK)	
	6	1	**123-3202**	3	STRAP-CABLE	
	7	1	**1H-3337**	2	BOLT (1/4-20X0.875-IN)	
	8	1	**222-6456**	1	SEAL (VALVE COVER BASE)	

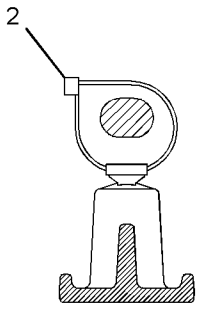
C - CHANGE FROM PREVIOUS TYPE



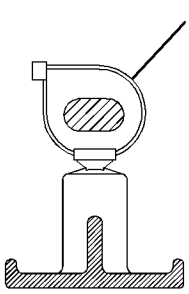
BOTTOM VIEW OF ENGINE



SECTION B-B



SECTION A-A



SECTION C-C

GRAPHIC #1 <END> g03486278

226-4927 BASE GP-VALVE COVER & INJ HARN

S/N: EHX2920-UP

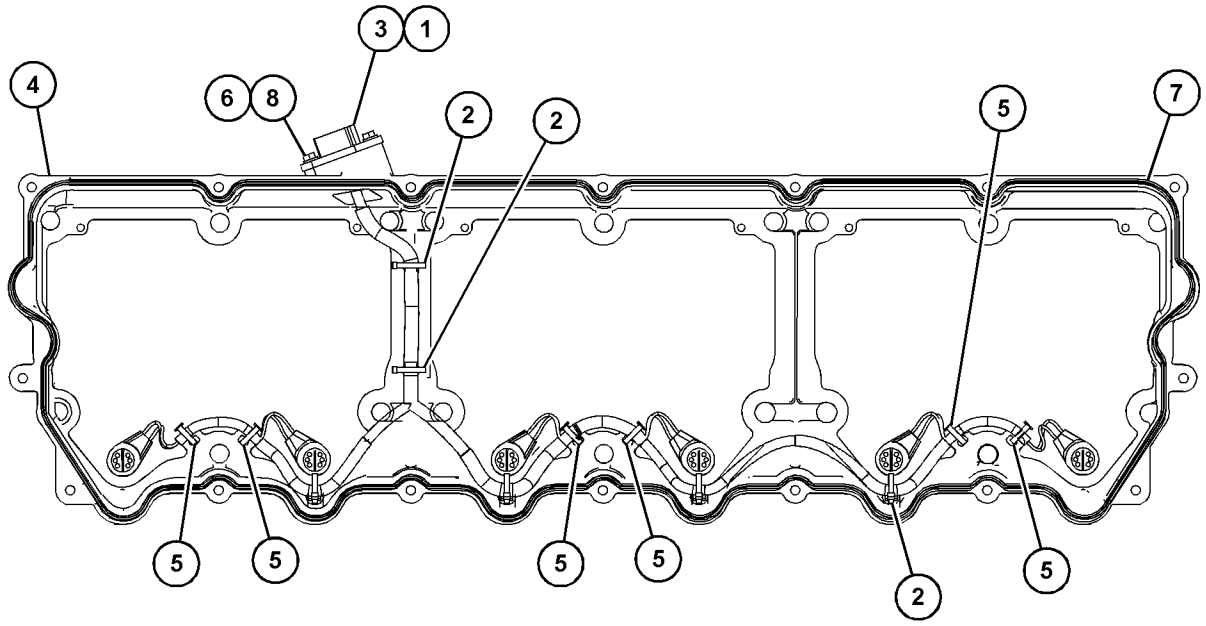
PART OF 223-6408 BASE GP-VALVE COVER & INJ HARN

TYPE 2

SMCS-1120, 1408 **i05509234**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6V-0128**	1	SEAL-CONNECTOR	
	2	1	**326-4512**	6	MOUNTING-CABLE TIE	
CY	3	1	**435-8538**	1	HARNESS AS-ENGINE (UNIT INJECTOR)	383
	4	1	**442-5727**	1	BASE-VALVE COVER	
	5	1	**123-3202**	6	STRAP-CABLE	
	6	1	**1H-3337**	2	BOLT (1/4-20X0.875-IN)	
	7	1	**222-6456**	1	SEAL (VALVE COVER BASE)	
	8	1	**8T-4205**	2	WASHER-HARD (7.2X14.5X2-MM THK)	

C - CHANGE FROM PREVIOUS TYPE
Y - SEPARATE ILLUSTRATION



BOTTOM VIEW OF ENGINE

GRAPHIC #1 <END> g03486436

223-6405 CAMSHAFT GP

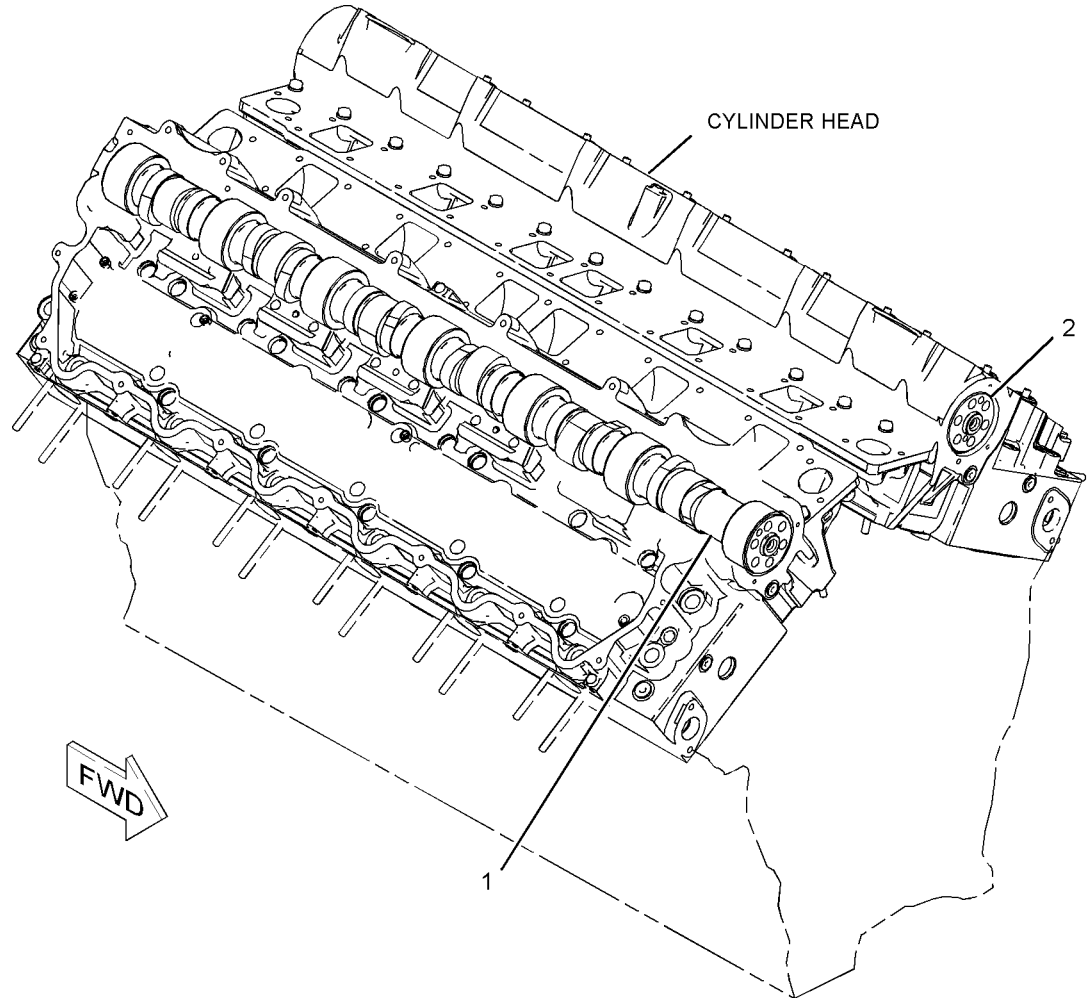
S/N: EHX1-2415

PART OF 231-3701 ENGINE AR-CORE

SMCS-1210, 1211, 1212

i02041092

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**236-1116**	1	CAMSHAFT (RIGHT BANK)	
	2	1	**236-1117**	1	CAMSHAFT (LEFT BANK)	



GRAPHIC #1 <END> g01051265

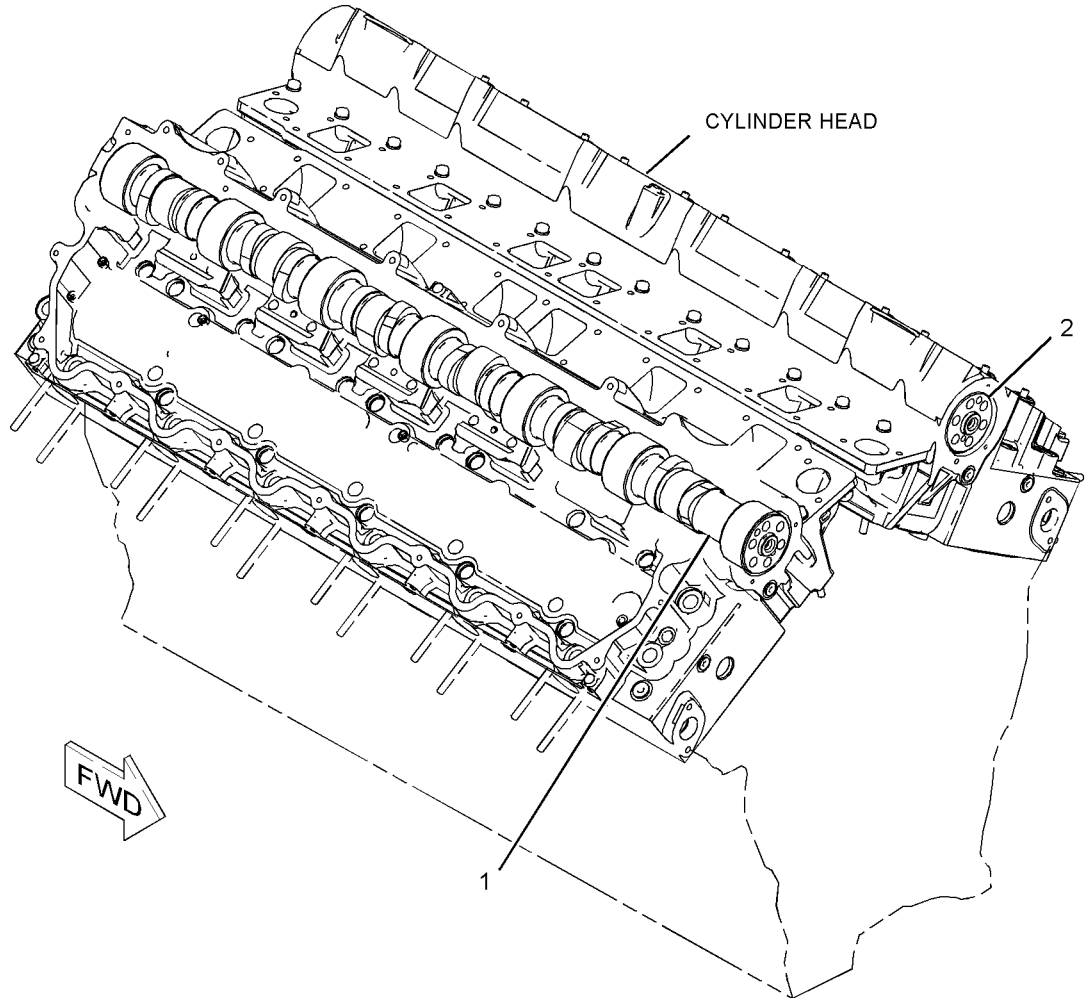
260-9306 CAMSHAFT GP

S/N: EHX2416-3730

PART OF 262-9144 ENGINE AR-CORE

SMCS-1210, 1211, 1212 **i02270802**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**255-3547**	1	CAMSHAFT (RIGHT BANK)	
	2	1	**260-3201**	1	CAMSHAFT (LEFT BANK)	



GRAPHIC #1 <END> g01051265

260-9306 CAMSHAFT GP

S/N: EHX3731-UP

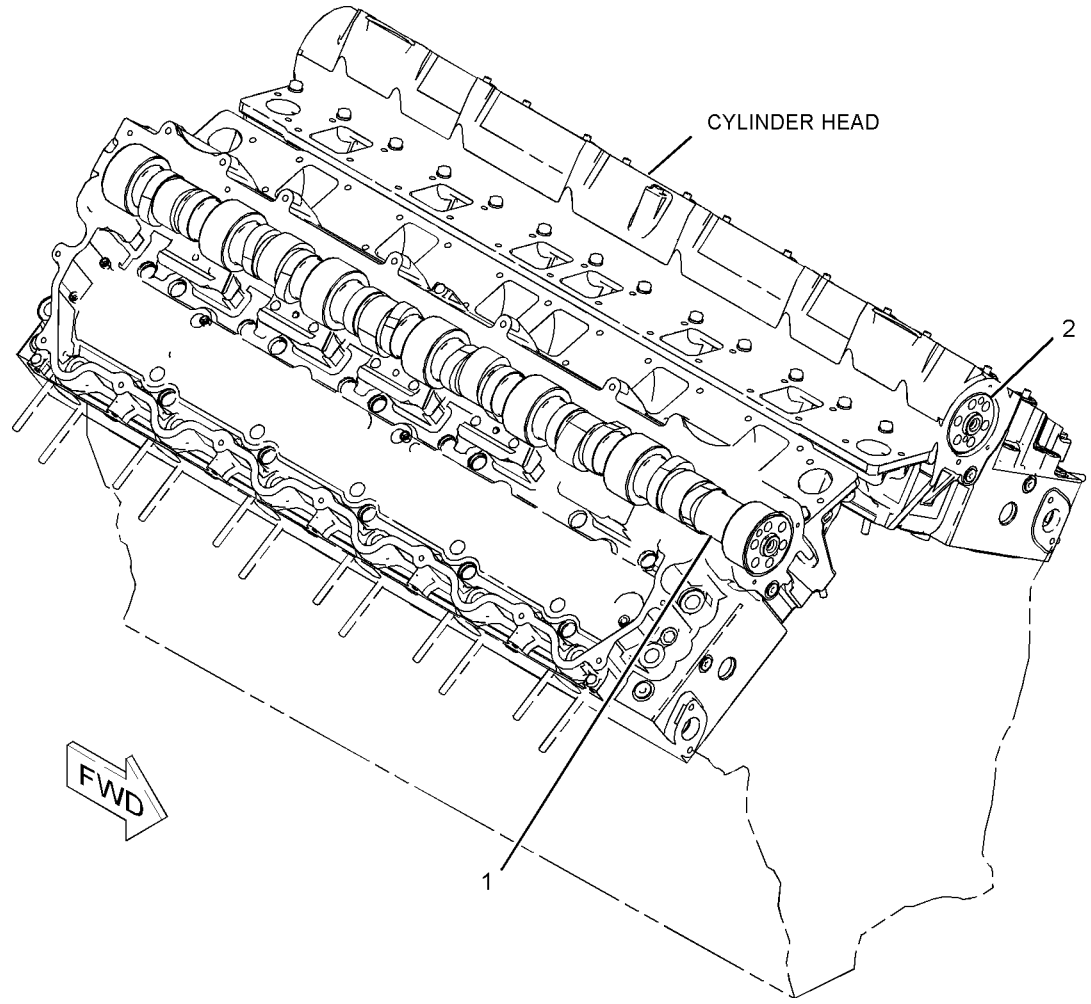
PART OF 262-9144, 350-5499 ENGINE AR-CORE

SMCS-1210, 1211, 1212

i05090116

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
CR	1	1	**421-0087**	1	CAMSHAFT (RIGHT BANK)	
CJR	2	1	**421-0097**	1	CAMSHAFT (LEFT BANK)	

C - CHANGE FROM PREVIOUS TYPE
J - END MARKED "F" ON FRONT END OF ENGINE
R - REMANUFACTURED PART MAY BE AVAILABLE



GRAPHIC #1

<END>

g01051265

224-3170 COVER GP-CYLINDER BLOCK–FRONT STRUCTURE

S/N: EHX1-UP

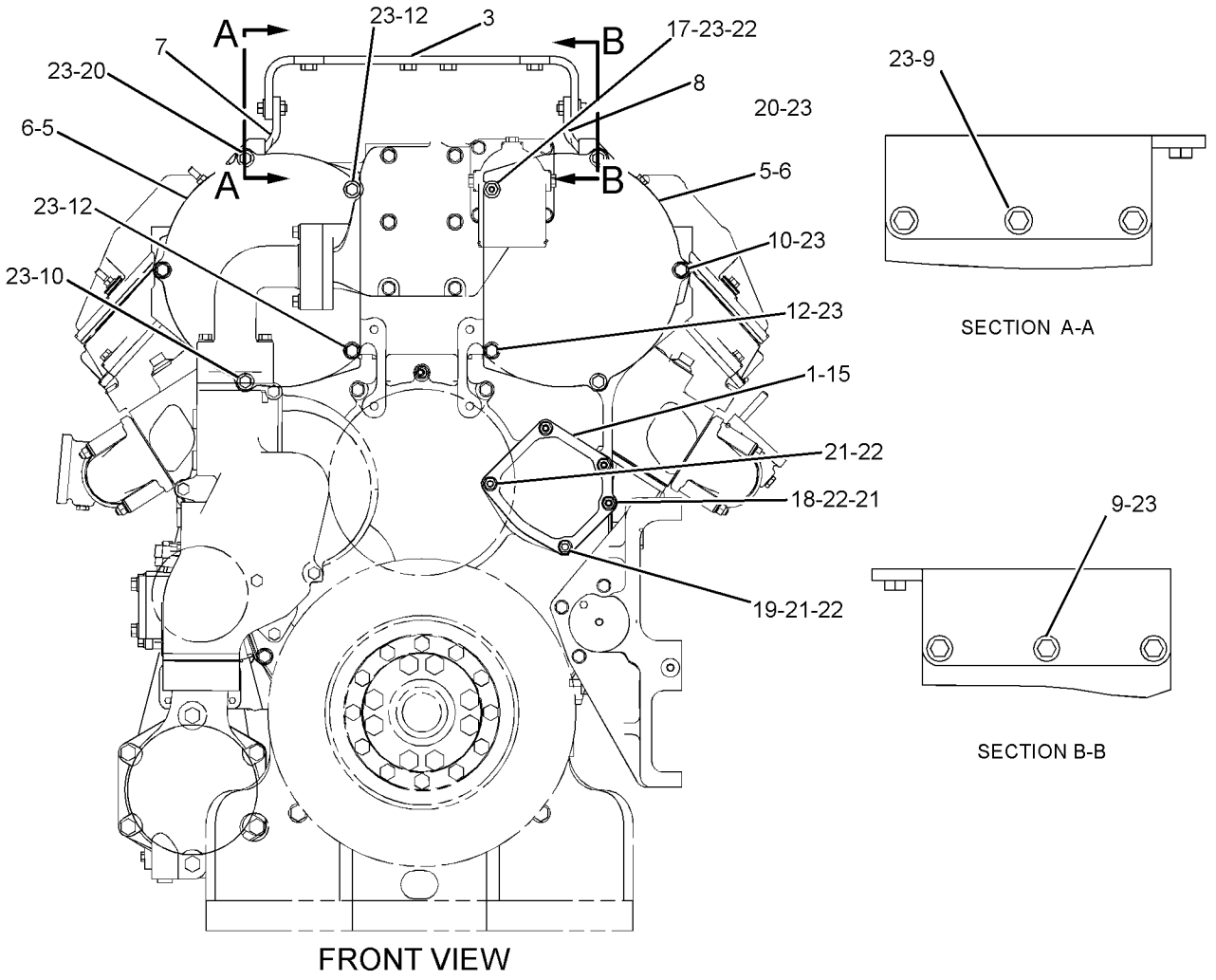
PART OF 217-5670 ENGINE AR-COMPLETE

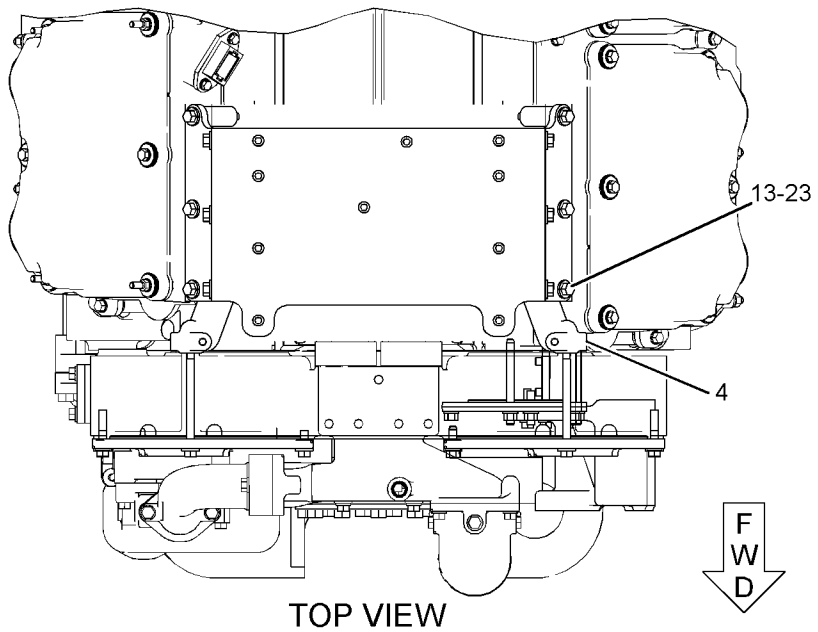
SMCS-1201 **i03646420**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4P-7820**	1	COVER-ACCESSORY DRIVE	
	3	1	**228-9093**	1	SUPPORT AS	
M		1	**8T-3490**	11	NUT-WELD (M10X1.5-THD)	
		1	**7T-1099**	1	LINK	
	4	1	**234-3441**	2	SUPPORT-HOUSING (LH)	
	5	1	**274-4051**	2	COVER-CAMSHAFT	
	6	1	**239-1139**	2	SEAL	
	7	1	**239-1418**	1	BRACKET AS	
		1	**1F-0750**	3	NUT-WELD (3/8-16-THD)	
	8	1	**239-1419**	1	BRACKET AS	
		1	**1F-0750**	3	NUT-WELD (3/8-16-THD)	
	9	1	**0S-1588**	6	BOLT (3/8-16X1.25-IN)	
	10	1	**0S-1590**	4	BOLT (3/8-16X2-IN)	
	12	1	**0S-1594**	3	BOLT (3/8-16X1-IN)	
	13	1	**0S-1619**	6	BOLT (3/8-16X3-IN)	
	15	1	**125-9794**	1	SEAL-O-RING	
	17	1	**2M-1538**	1	STUD-TAPERLOCK (3/8-16X1.6-IN)	
	18	1	**2P-1974**	3	STUD-TAPERLOCK (3/8-16X4.2-IN)	
	19	1	**3K-3256**	1	STUD-TAPERLOCK (3/8-16X1.7-IN)	
	20	1	**5F-4899**	2	BOLT (3/8-16X5.5-IN)	
	21	1	**5M-2894**	5	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	22	1	**9S-8752**	6	NUT-FULL (3/8-16-THD)	
	23	1	**9X-6458**	22	WASHER-HARD (10.2X22.5X3-MM THK)	

M - METRIC PART

224-3170 **COVER GP-CYLINDER BLOCK (**contd.**)** **i03646420**





GRAPHIC #1 <END> g01309284

226-7622 COVER GP-CYLINDER BLOCK–REAR STRUCTURE

S/N: EHX1-UP

PART OF 217-5670, 271-8633 ENGINE AR-COMPLETE

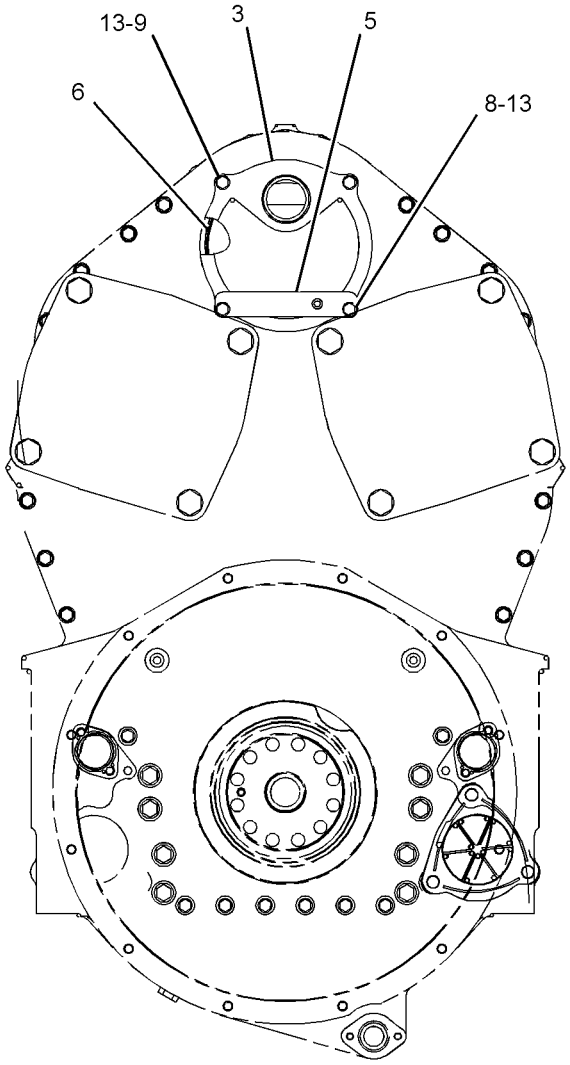
TYPE 1

SMCS-1201 **i02040955**

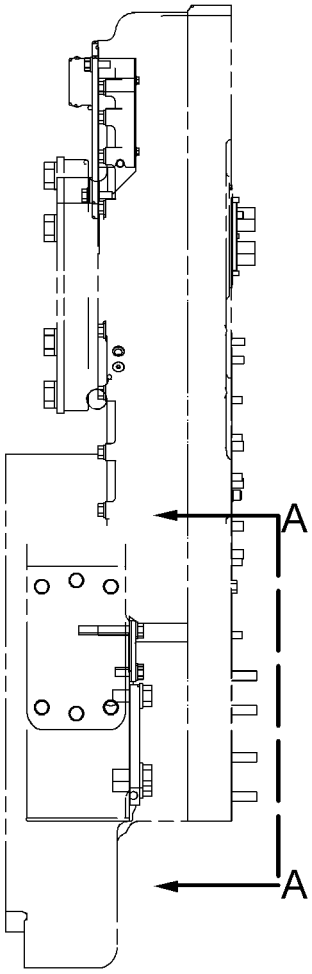
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4N-1114**	1	COVER	
	2	1	**9Y-6089**	1	GASKET	
	3	1	**231-9330**	1	BREATHER GP	
	4	1	**234-8937**	2	SEAL-INTEGRAL	
	5	1	**236-5214**	1	BRACKET AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	6	1	**238-6646**	1	SEAL-O-RING	
	7	1	**0S-1566**	3	BOLT (5/8-11X1.5-IN)	
	8	1	**0S-1588**	2	BOLT (3/8-16X1.25-IN)	
	9	1	**0S-1594**	2	BOLT (3/8-16X1-IN)	
	10	1	**0S-1619**	2	BOLT (3/8-16X3-IN)	
	11	1	**1A-2029**	2	BOLT (3/8-16X1.125-IN)	
	12	1	**2P-2772**	2	COVER	
	13	1	**5M-2894**	8	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	14	1	**5P-8247**	3	WASHER-HARD (17X32X3.5-MM THK)	

M - METRIC PART

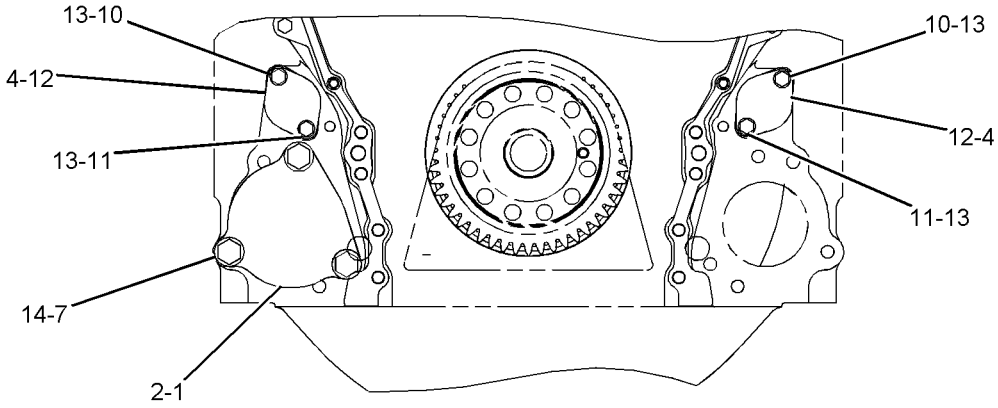
226-7622 **COVER GP-CYLINDER BLOCK (**contd.**)** **i02040955**



REAR VIEW



RIGHT SIDE VIEW



SECTION A-A

GRAPHIC #1 <END> g01051112

226-7622 COVER GP-CYLINDER BLOCK–REAR STRUCTURE

S/N: EHX1-UP

PART OF 217-5670, 271-8633, 360-3755 ENGINE AR-COMPLETE

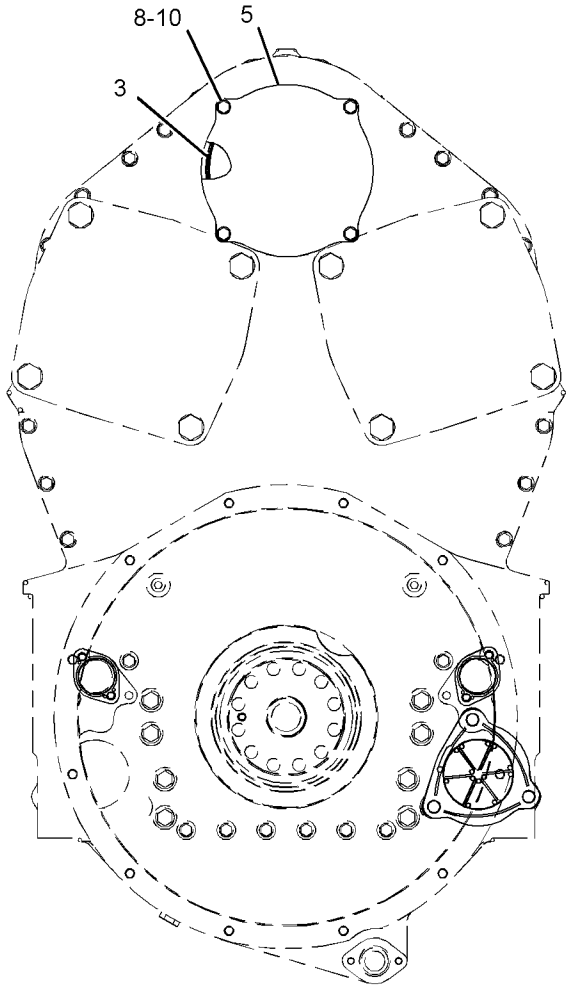
TYPE 2

SMCS-1201 **i05807121**

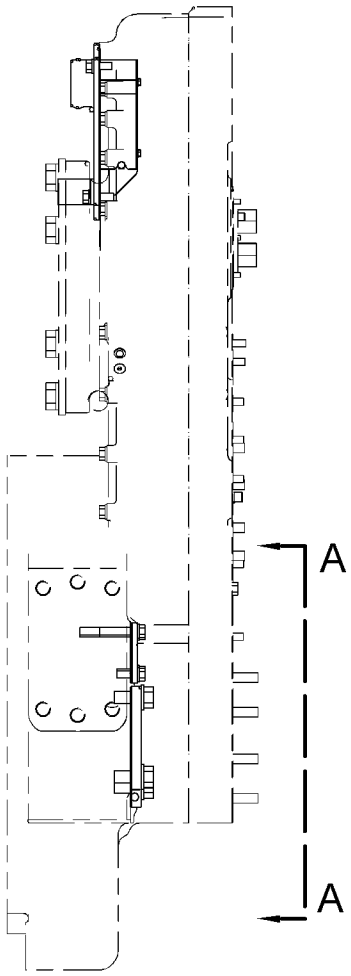
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4N-1114**	1	COVER	
	2	1	**9Y-6089**	1	GASKET	
C	3	1	**227-5538**	1	SEAL-O-RING	
	4	1	**234-8937**	2	SEAL-INTEGRAL	
C	5	1	**273-8703**	1	COVER	
	6	1	**9X-6380**	3	BOLT (5/8-11X1.5-IN)	
	7	1	**0S-1619**	2	BOLT (3/8-16X3-IN)	
C	8	1	**1A-2029**	6	BOLT (3/8-16X1.125-IN)	
	9	1	**2P-2772**	2	COVER	
	10	1	**5M-2894**	8	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	11	1	**5P-8247**	3	WASHER-HARD (17X32X3.5-MM THK)	

C - CHANGE FROM PREVIOUS TYPE

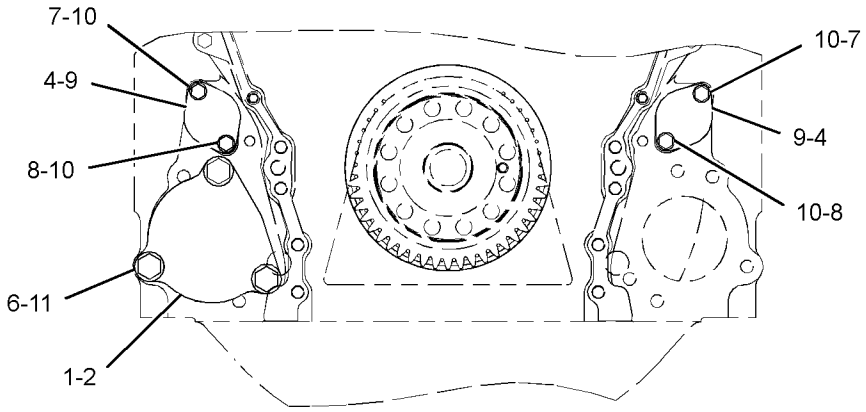
226-7622 **COVER GP-CYLINDER BLOCK (**contd.**)** **i05807121**



REAR VIEW



RIGHT SIDE VIEW



SECTION A-A

GRAPHIC #1 <END> g03653730

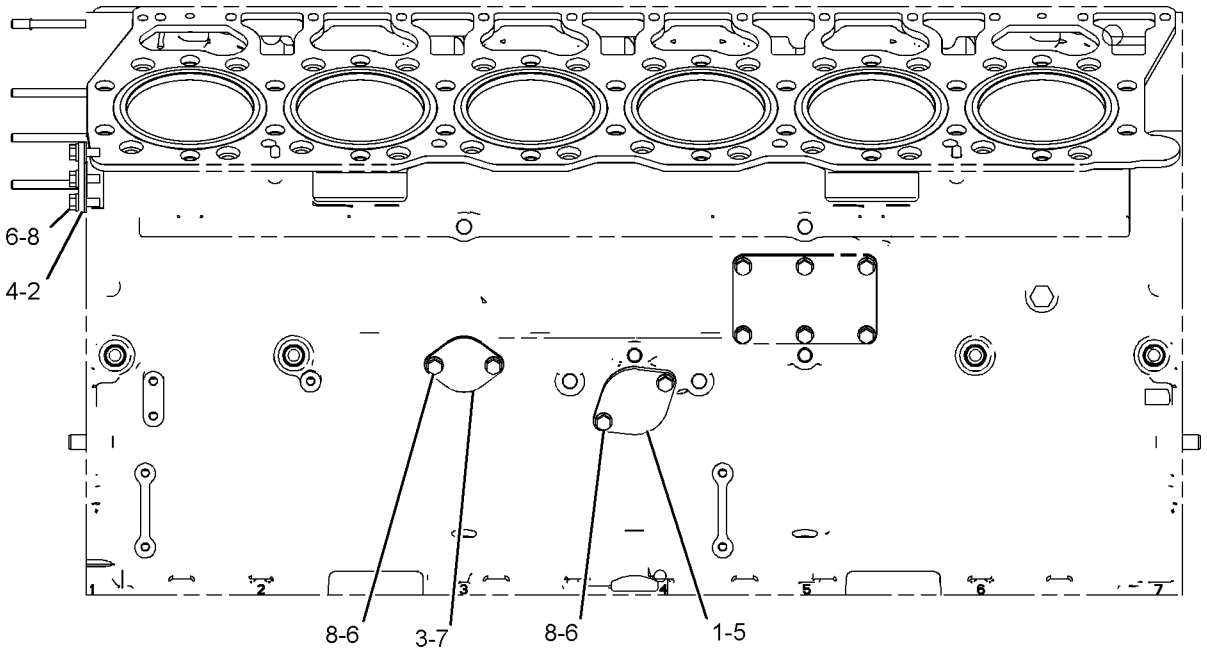
238-6474 COVER GP-CYLINDER BLOCK

S/N: EHX1-UP

PART OF 217-5670, 271-8633, 360-3755 ENGINE AR-COMPLETE

SMCS-1201 **i02040808**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4N-0794**	1	COVER	
	2	1	**4N-1683**	1	COVER	
	3	1	**234-8937**	1	SEAL-INTEGRAL	
	4	1	**239-5571**	1	SEAL-INTEGRAL	
	5	1	**239-5572**	1	SEAL-INTEGRAL	
	6	1	**0S-1594**	7	BOLT (3/8-16X1-IN)	
	7	1	**2P-2772**	1	COVER	
	8	1	**5M-2894**	7	WASHER-HARD (10.2X18.5X2.5-MM THK)	



LEFT SIDE VIEW

GRAPHIC #1 <END> g01051081

273-1643 COVER GP-CYLINDER BLOCK–FRONT STRUCTURE

S/N: EHX1-UP

PART OF 271-8633 ENGINE AR-COMPLETE

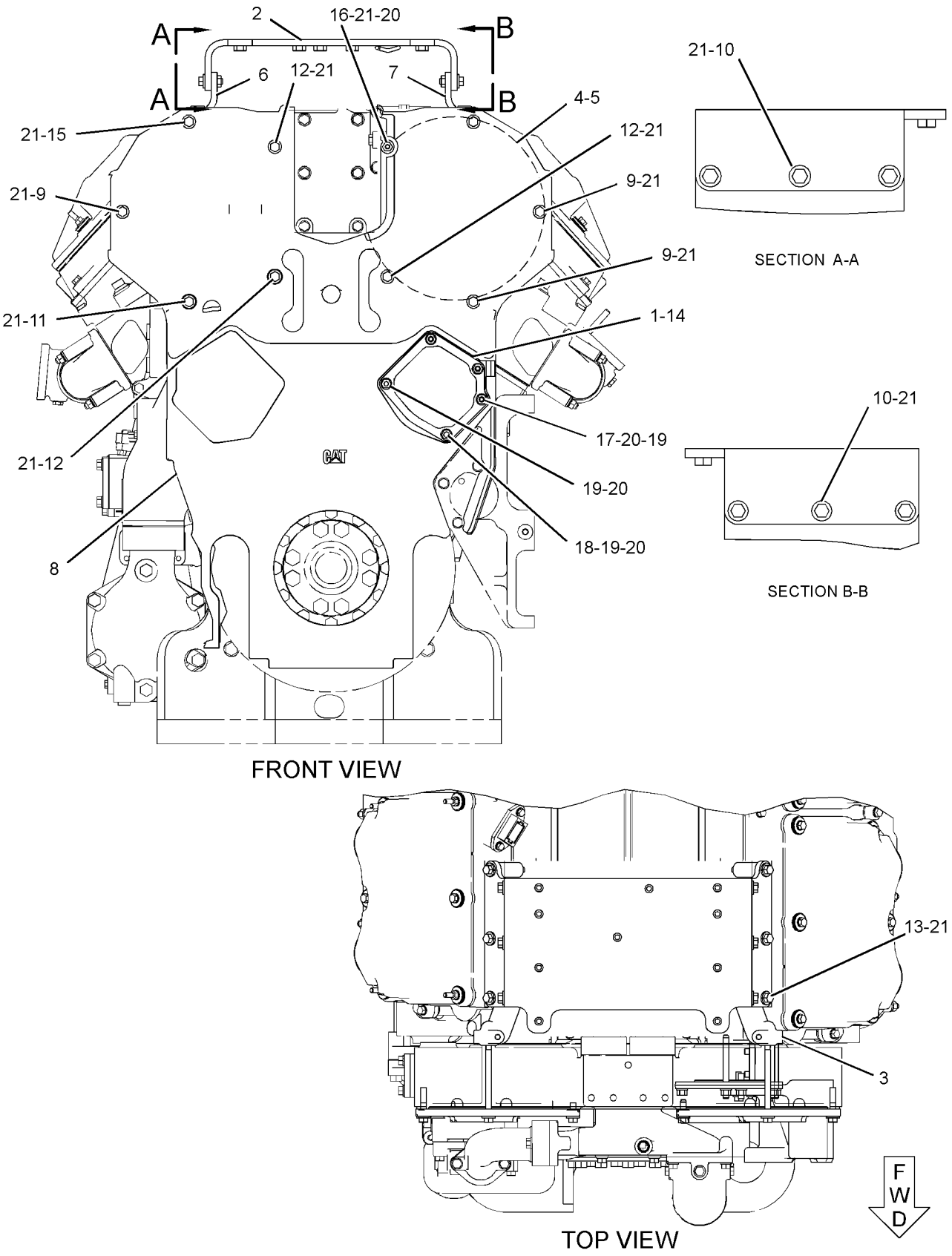
TYPE 1

SMCS-1201 **i02431628**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4P-7820**	1	COVER-ACCESSORY DRIVE	
	2	1	**228-9093**	1	SUPPORT AS	
M		1	**8T-3490**	11	NUT-WELD (M10X1.5-THD)	
	3	1	**234-3441**	2	SUPPORT-HOUSING (LH)	
	4	1	**238-9857**	2	COVER-CAMSHAFT	
	5	1	**239-1139**	2	SEAL	
	6	1	**239-1418**	1	BRACKET AS	
		1	**1F-0750**	3	NUT-WELD (3/8-16-THD)	
	7	1	**239-1419**	1	BRACKET AS	
		1	**1F-0750**	3	NUT-WELD (3/8-16-THD)	
	8	1	**257-3880**	1	COVER AS-PANEL	
	9	1	**0L-1143**	3	BOLT (3/8-16X2.5-IN)	
	10	1	**0S-1588**	6	BOLT (3/8-16X1.25-IN)	
	11	1	**0S-1590**	1	BOLT (3/8-16X2-IN)	
	12	1	**0S-1591**	3	BOLT (3/8-16X1.5-IN)	
	13	1	**0S-1619**	6	BOLT (3/8-16X3-IN)	
	14	1	**125-9794**	1	SEAL-O-RING	
	15	1	**1D-4706**	2	BOLT (3/8-16X6-IN)	
	16	1	**2M-1538**	1	STUD-TAPERLOCK (3/8-16X1.6-IN)	
	17	1	**2P-1974**	3	STUD-TAPERLOCK (3/8-16X4.2-IN)	
	18	1	**3K-3256**	1	STUD-TAPERLOCK (3/8-16X1.7-IN)	
	19	1	**5M-2894**	5	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	20	1	**9S-8752**	6	NUT-FULL (3/8-16-THD)	
	21	1	**9X-6458**	22	WASHER-HARD (10.2X22.5X3-MM THK)	

M - METRIC PART

273-1643 **COVER GP-CYLINDER BLOCK (**contd.**)** **i02431628**



GRAPHIC #1 <END> g01215623

273-1643 COVER GP-CYLINDER BLOCK–FRONT STRUCTURE

S/N: EHX1-UP

PART OF 271-8633, 360-3755 ENGINE AR-COMPLETE

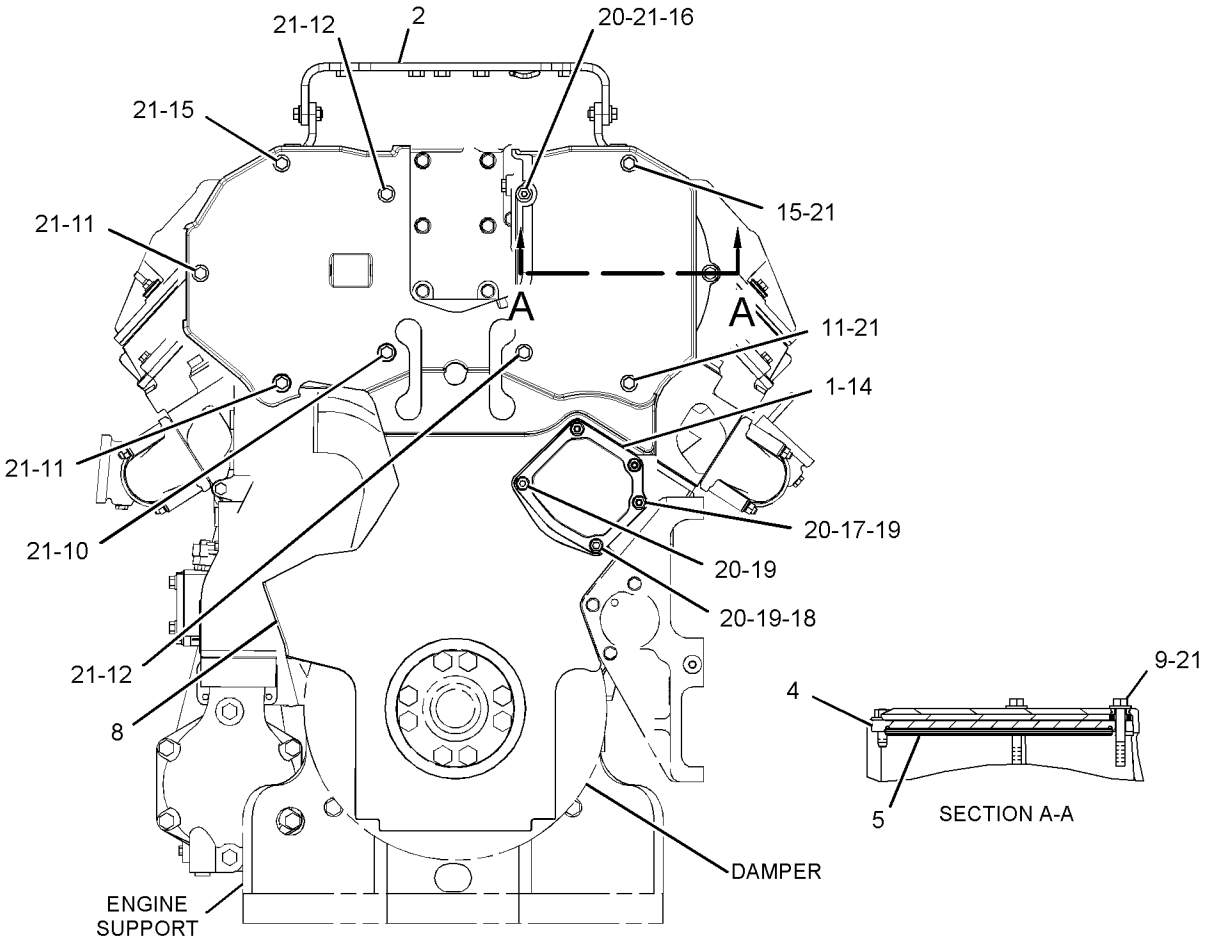
TYPE 2

SMCS-1201 **i04405883**

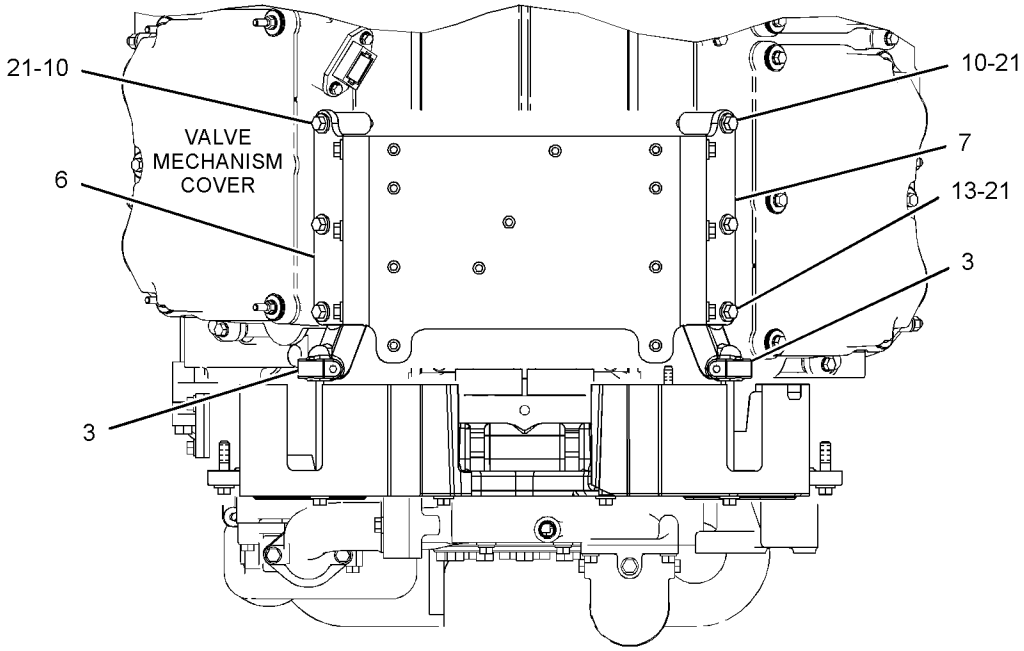
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4P-7820**	1	COVER-ACCESSORY DRIVE	
	2	1	**228-9093**	1	SUPPORT AS	
		1	**7T-1099**	1	LINK	
M		1	**8T-3490**	11	NUT-WELD (M10X1.5-THD)	
	3	1	**234-3441**	2	SUPPORT-HOUSING (LH)	
C	4	1	**274-4051**	2	COVER-CAMSHAFT	
	5	1	**239-1139**	2	SEAL	
	6	1	**239-1418**	1	BRACKET AS	
	7	1	**239-1419**	1	BRACKET AS	
					(EACH BRACKET AS INCLUDES)	
		1	**1F-0750**	3	NUT-WELD (3/8-16-THD)	
	8	1	**359-0122**	1	COVER AS-PANEL	
	9	1	**0L-1143**	1	BOLT (3/8-16X2.5-IN)	
	10	1	**0S-1588**	7	BOLT (3/8-16X1.25-IN)	
	11	1	**0S-1590**	3	BOLT (3/8-16X2-IN)	
	12	1	**2A-4639**	2	BOLT (3/8-16X1.625-IN)	
	13	1	**0S-1619**	6	BOLT (3/8-16X3-IN)	
	14	1	**125-9794**	1	SEAL-O-RING	
	15	1	**1D-4706**	2	BOLT (3/8-16X6-IN)	
	16	1	**2M-1538**	1	STUD-TAPERLOCK (3/8-16X1.6-IN)	
	17	1	**2P-1974**	3	STUD-TAPERLOCK (3/8-16X4.2-IN)	
	18	1	**3K-3256**	1	STUD-TAPERLOCK (3/8-16X1.7-IN)	
	19	1	**5M-2894**	5	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	20	1	**9S-8752**	6	NUT-FULL (3/8-16-THD)	
	21	1	**9X-6458**	22	WASHER-HARD (10.2X22.5X3-MM THK)	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART

273-1643 **COVER GP-CYLINDER BLOCK (**contd.**)** **i04405883**



FRONT VIEW OF ENGINE



TOP VIEW OF ENGINE

GRAPHIC #1 <END> g02726796

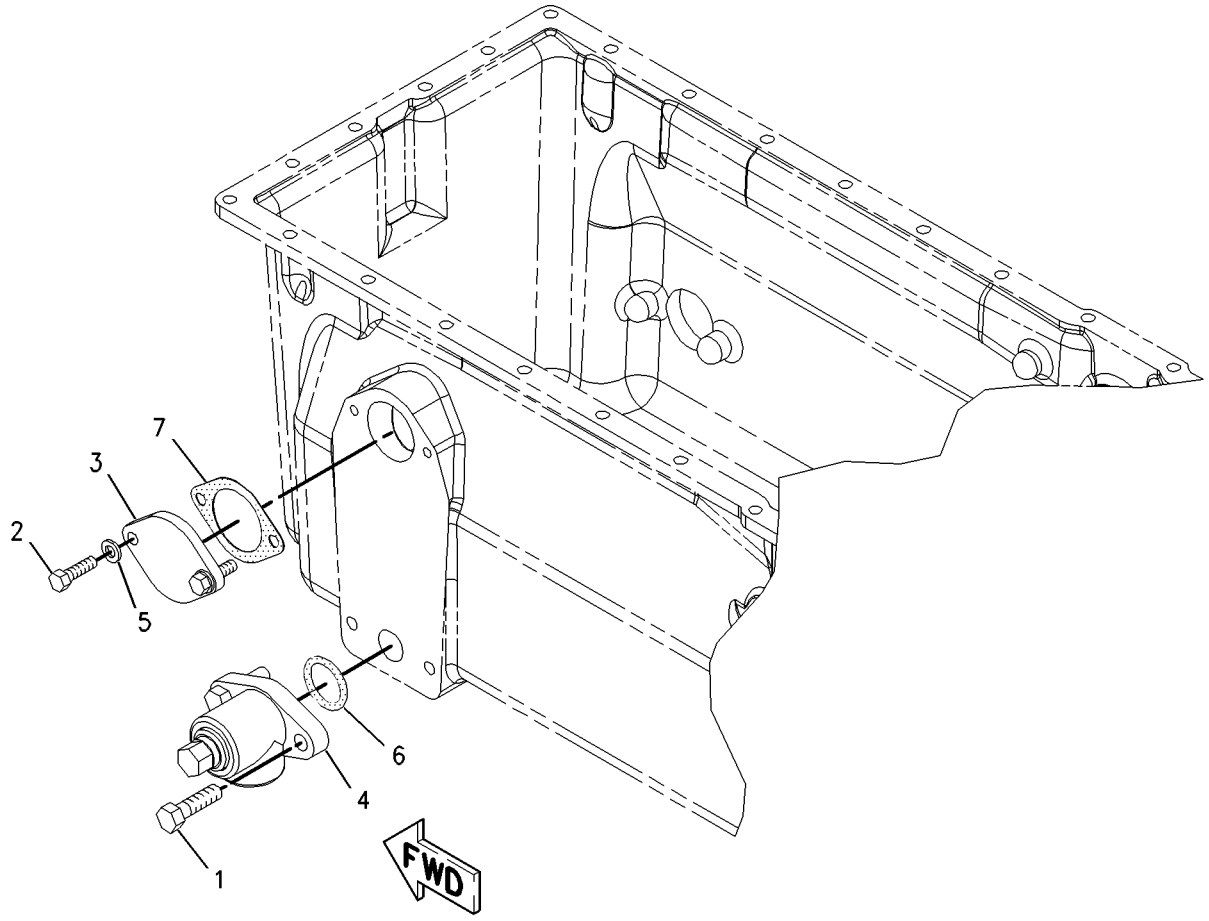
188-4645 COVER GP-OIL PAN

S/N: EHX1-UP

PART OF 217-5670, 271-8633, 360-3755 ENGINE AR-COMPLETE

SMCS-1302 **i04874212**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**0S-1587**	2	BOLT (1/2-13X1.75-IN)	
	2	1	**0S-1588**	2	BOLT (3/8-16X1.25-IN)	
	3	1	**4N-0794**	1	COVER	
	4	1	**4P-0519**	1	ADAPTER AS-DRAIN	
		1	**109-5839**	1	PLUG-DRAIN (ENGINE)	
		1	**109-5840**	1	ADAPTER-PLUG	
	5	1	**5M-2894**	2	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	6	1	**379-5053**	1	SEAL-O-RING	
	7	1	**239-5572**	1	SEAL-INTEGRAL	



GRAPHIC #1 <END> g00848549

273-1645 COVER GP-SOUND SUPPRESSION

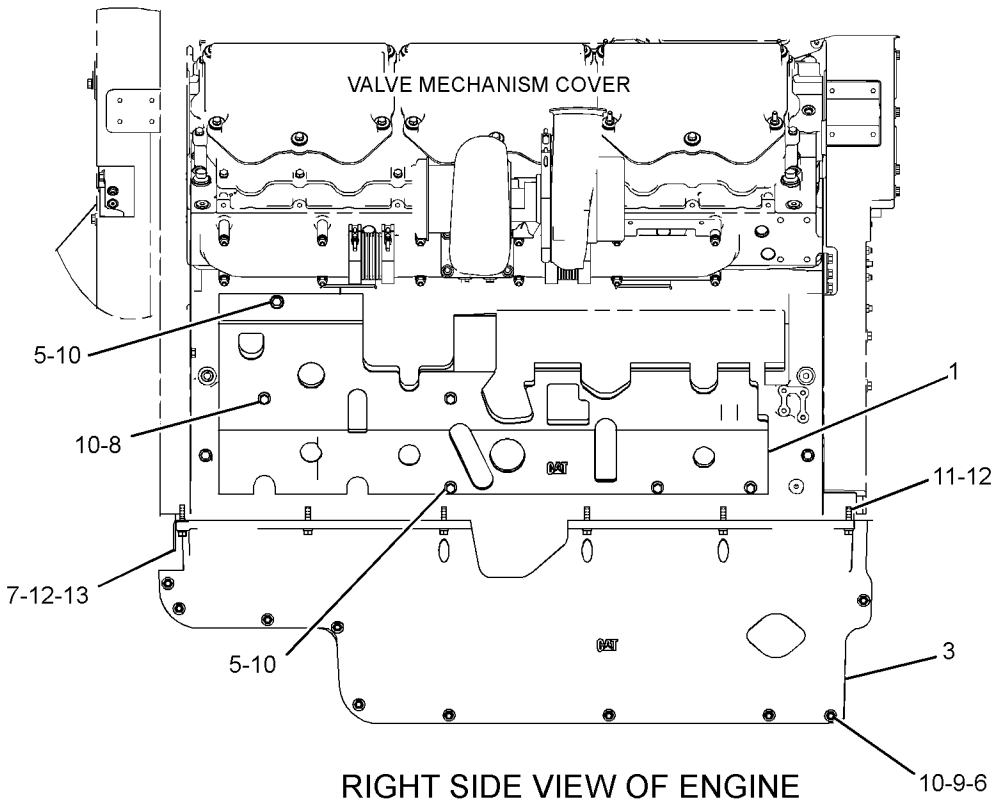
S/N: EHX1-UP

PART OF 271-8633, 360-3755 ENGINE AR-COMPLETE

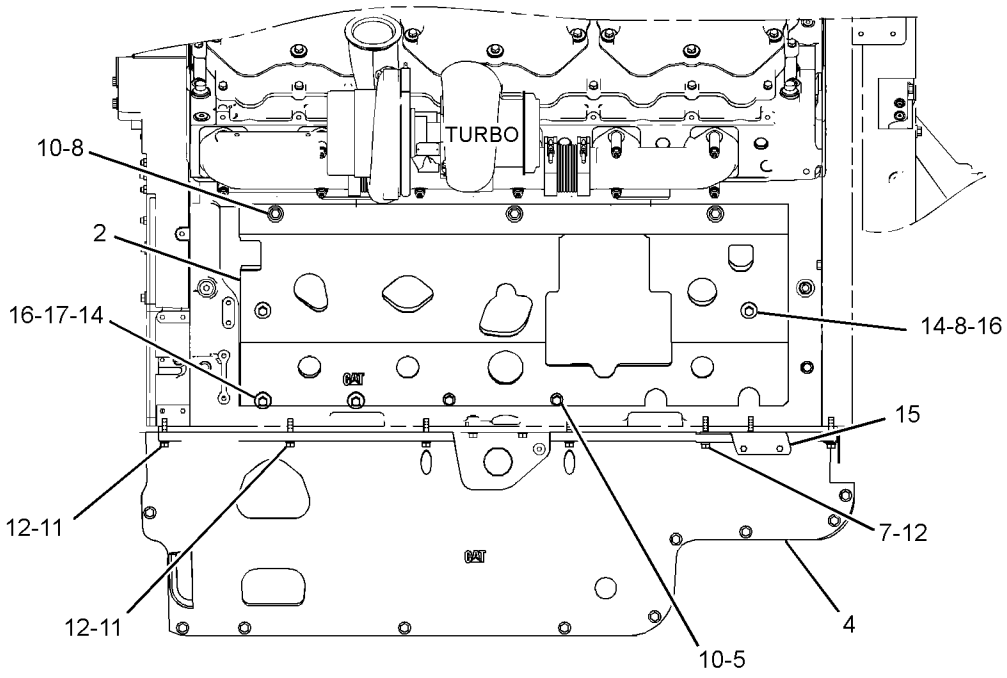
SMCS-1801 **i04939926**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**257-3882**	1	PANEL AS-SOUND SUPPRESSION	
	2	1	**257-3883**	1	PANEL AS-SOUND SUPPRESSION	
	3	1	**273-3506**	1	PANEL AS-SOUND SUPPRESSION	
	4	1	**273-3507**	1	PANEL AS-SOUND SUPPRESSION	
	5	1	**0S-0509**	6	BOLT (3/8-16X0.75-IN)	
	6	1	**0S-1594**	10	BOLT (3/8-16X1-IN)	
	7	1	**0S-1590**	6	BOLT (3/8-16X2-IN)	
	8	1	**0S-1591**	7	BOLT (3/8-16X1.5-IN)	
	9	1	**2K-4973**	10	LOCKNUT (3/8-16-THD)	
	10	1	**9X-6458**	31	WASHER-HARD (10.2X22.5X3-MM THK)	
	11	1	**0S-1571**	11	BOLT (3/8-16X1.75-IN)	
	12	1	**8M-3175**	19	WASHER-HARD (10.2X16X3-MM THK)	
	13	1	**9L-6331**	2	BRACKET	
	14	1	**099-3607**	4	WASHER-HARD (10.2X30X3.2-MM THK)	
	15	1	**228-6843**	1	BRACKET	
	16	1	**272-1777**	4	WASHER-HARD (11X18.5X15-MM THK)	
	17	1	**0S-1588**	2	BOLT (3/8-16X1.25-IN)	

273-1645 **COVER GP-SOUND SUPPRESSION (**contd.**)** **i04939926**



RIGHT SIDE VIEW OF ENGINE



LEFT SIDE VIEW OF ENGINE

GRAPHIC #1 <END> g03176576

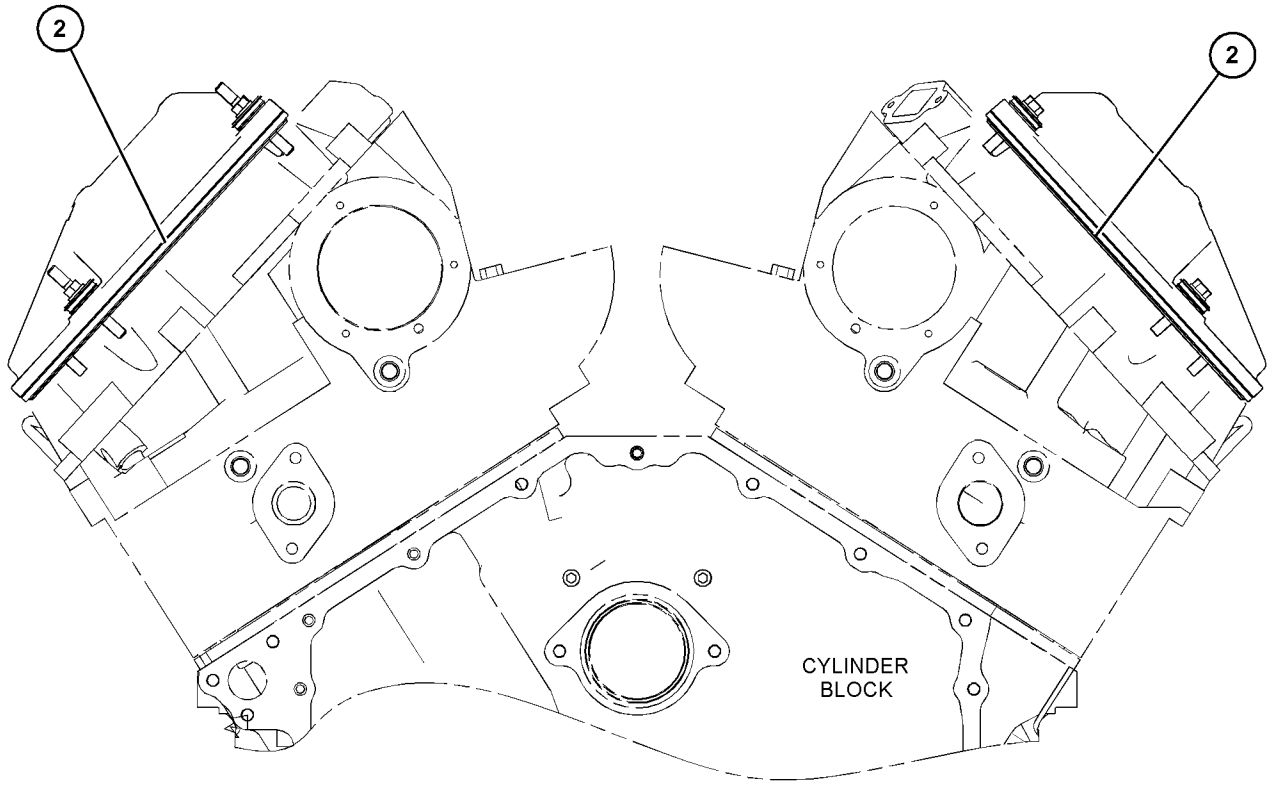
239-2252 COVER GP-VALVE MECHANISM

S/N: EHX1-3253

PART OF 217-5670, 271-8633 ENGINE AR-COMPLETE

SMCS-1107 **i06239028**

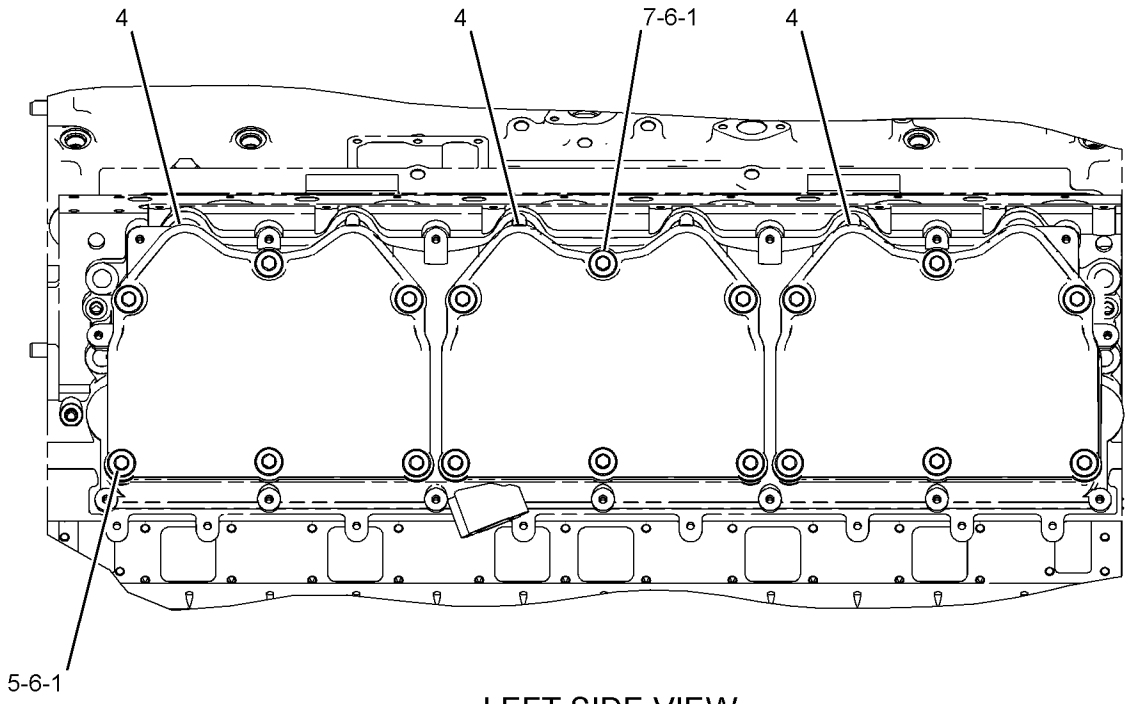
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**212-7728**	36	ISOLATOR AS	
	2	1	**224-7506**	6	SEAL-VALVE COVER	
	3	2	**224-9907**	4	STUD (5/16-18-THD)	
	4	2	**345-2009**	6	COVER (VALVE MECHANISM)	
	5	2	**7X-0440**	30	BOLT (5/16-18X1.75-IN)	
	6	2	**8T-4224**	36	WASHER-HARD (8.8X16X2-MM THK)	
	7	1	**394-1321**	2	STUD (5/16-18-THD)	



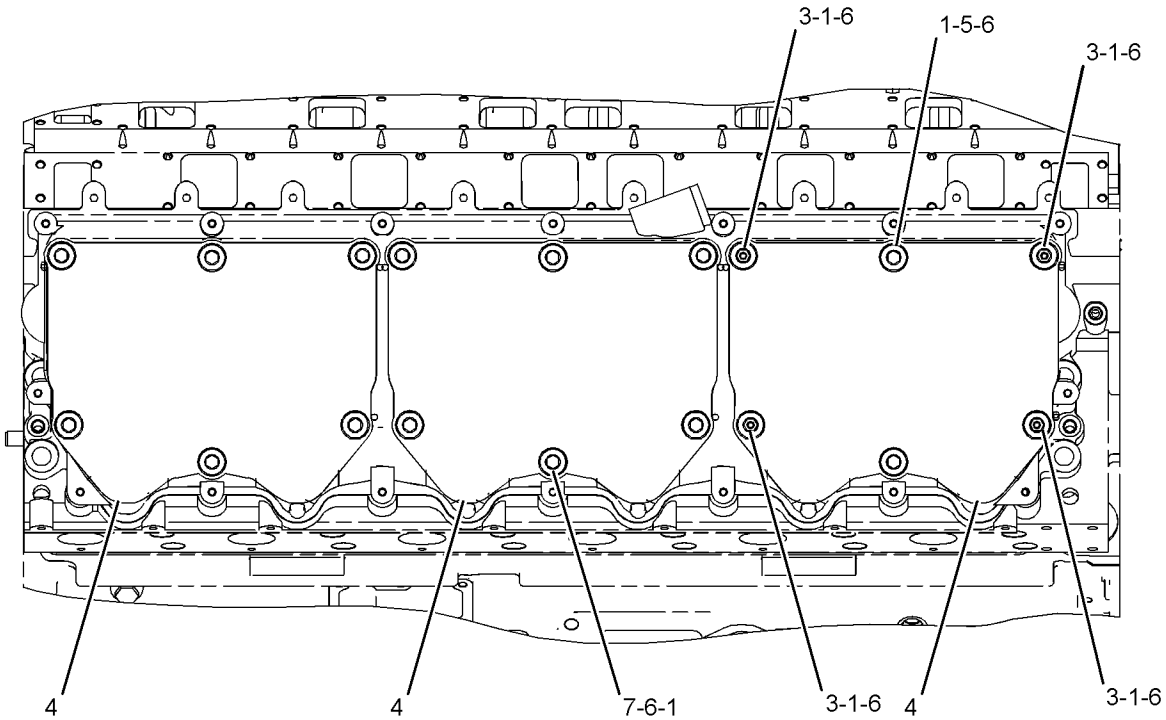
FRONT VIEW OF ENGINE

GRAPHIC #1 g03872774

239-2252 **COVER GP-VALVE MECHANISM (**contd.**)** **i06239028**



LEFT SIDE VIEW



RIGHT SIDE VIEW

GRAPHIC #2 <END> g03872712

280-7992 COVER GP-VALVE MECHANISM

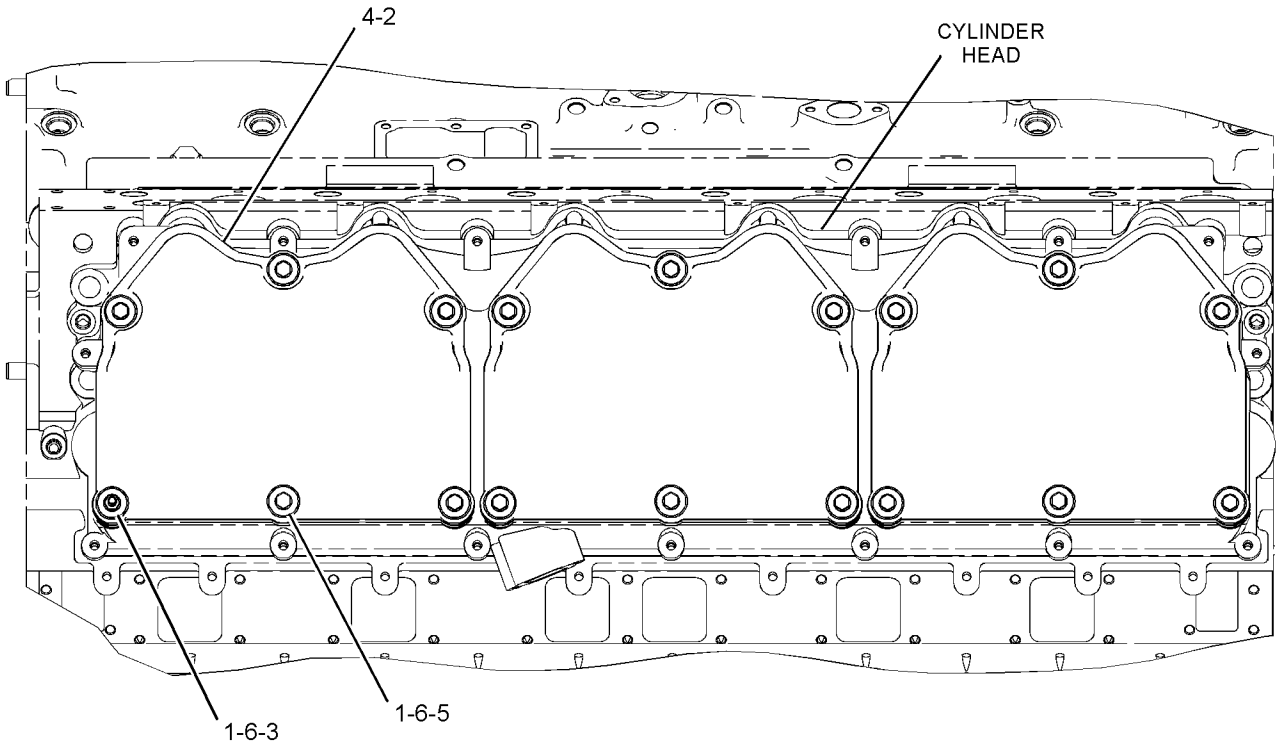
S/N: EHX3002-3456

PART OF 217-5670, 271-8633 ENGINE AR-COMPLETE

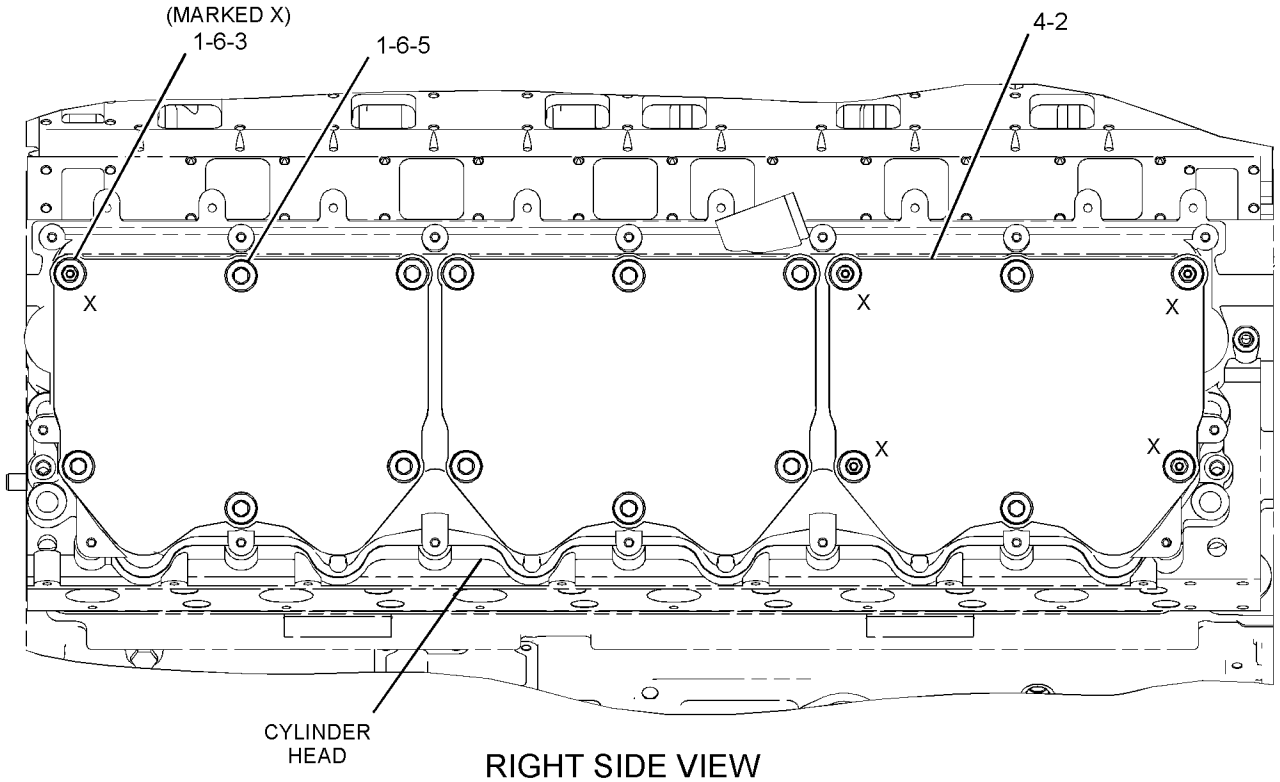
SMCS-1107 **i02499119**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**212-7728**	36	ISOLATOR AS	
	2	1	**224-7506**	6	SEAL-VALVE COVER	
	3	1	**224-9907**	6	STUD (5/16-18-THD)	
	4	1	**238-9850**	6	COVER	
	5	1	**7X-0440**	30	BOLT (5/16-18X1.75-IN)	
	6	1	**8T-4224**	36	WASHER-HARD (8.8X16X2-MM THK)	

280-7992 **COVER GP-VALVE MECHANISM (**contd.**)** **i02499119**



LEFT SIDE VIEW



RIGHT SIDE VIEW

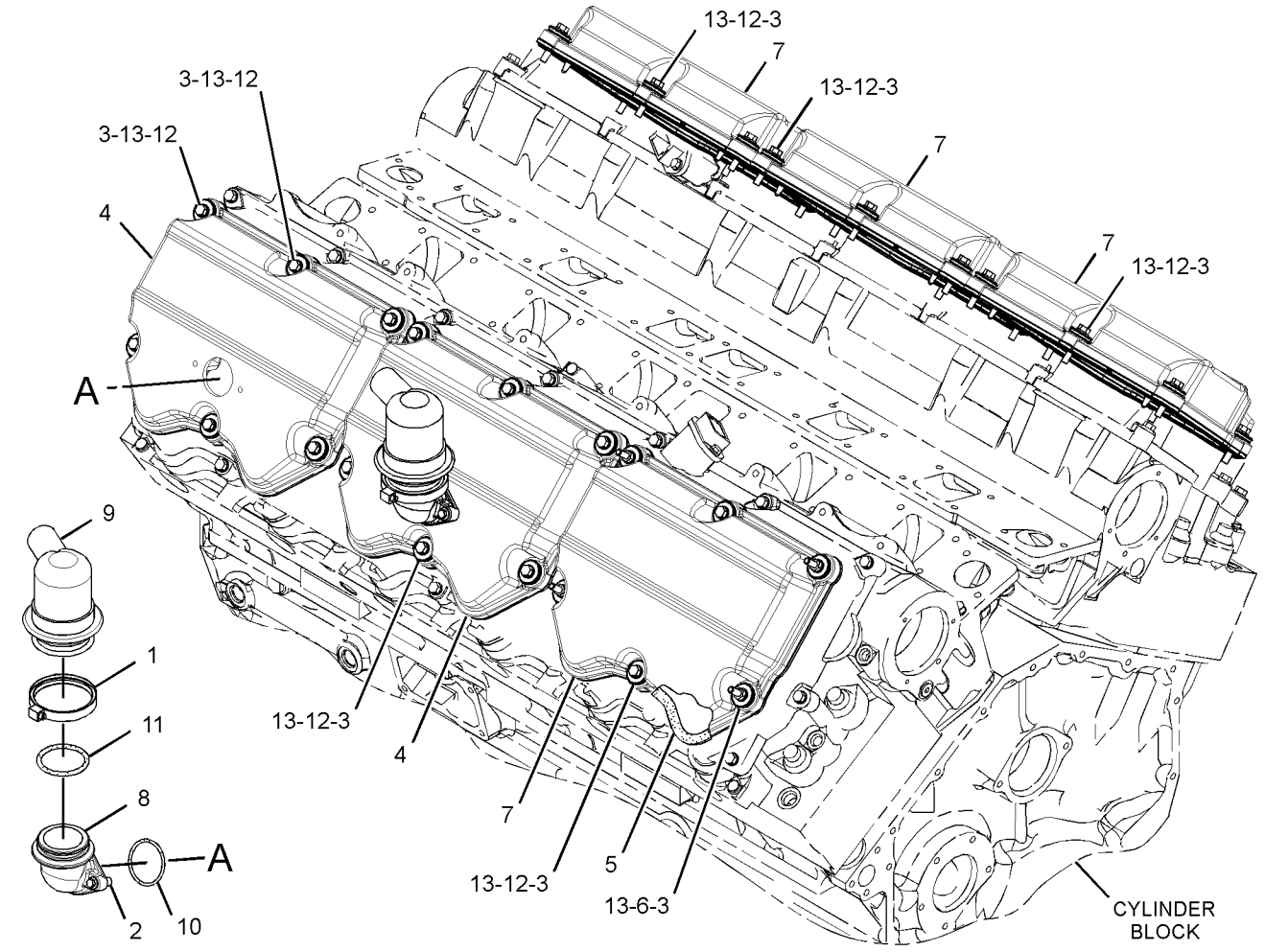
GRAPHIC #1 <END> g01257400

295-6461 COVER GP-VALVE MECHANISM

S/N: BTW1-UP; EHX1-UP
FOR USE WITH REAR MOUNTED TURBO
PART OF 217-5670, 271-8633, 360-3755 ENGINE AR-COMPLETE

SMCS-1107 **i04024899**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**2N-8109**	2	CLAMP	
	2	1	**126-0559**	4	BOLT (5/16-18X1.25-IN)	
	3	1	**212-7728**	36	ISOLATOR AS	
	4	1	**345-2010**	2	COVER	
	5	1	**224-7506**	6	SEAL-VALVE COVER	
	6	1	**224-9907**	4	STUD (5/16-18-THD)	
	7	1	**345-2009**	4	COVER	
	8	1	**345-2012**	2	ELBOW	
	9	1	**4N-4668**	2	BREATHER AS (CRANKCASE)	
	10	1	**5P-8211**	2	SEAL-O-RING	
	11	1	**6V-3831**	2	SEAL-O-RING	
	12	1	**7X-0440**	32	BOLT (5/16-18X1.75-IN)	
	13	1	**8T-4224**	36	WASHER-HARD (8.8X16X2-MM THK)	



GRAPHIC #1 <END> g01502230

225-6052 CRANKSHAFT GP

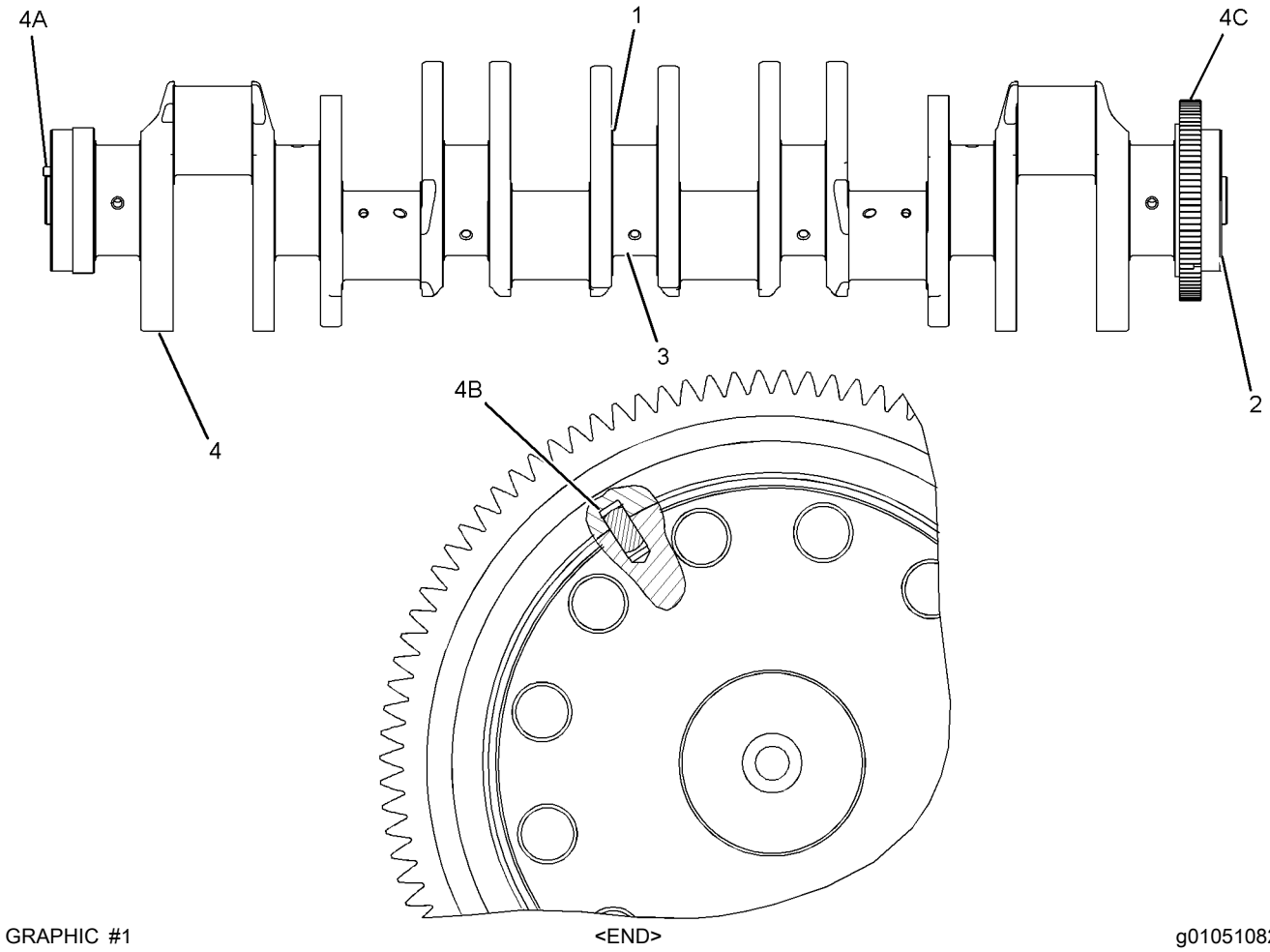
S/N: EHX1-UP

PART OF 231-3701, 262-9144, 350-5499 ENGINE AR-CORE

SMCS-1202 **i05235616**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
J	1	1	**253-1752**	2	PLATE-THRUST	
Y	2	1	*319-7401*	1	SEAL GP-CRANKSHAFT (FRONT)	147
J	3	1	**317-8766**	7	BEARING-MAIN (STANDARD)	
AB		1	**4W-5698**		BEARING-MAIN (0.63-MM US)	
AB		1	**4W-5699**		BEARING-MAIN (1.27-MM US)	
AB		1	**4W-5700**		BEARING-MAIN (0.63-MM OS)	
AB		1	**4W-5701**		BEARING-MAIN (0.63-MM OS, 0.63-MM US)	
R	4	1	**384-9907**	1	CRANKSHAFT AS	
	4A	1	**4N-0684**	1	DOWEL	
	4B	1	**7S-5005**	1	DOWEL	
	4C	1	**223-9135**	1	GEAR-CRANKSHAFT (99-TEETH)	
					AVAILABLE REPAIR KIT(S):	
AJ			**243-6718**		KIT-CRANKSHAFT BEARING (STANDARD)	
					(KIT INCLUDES A COMPLETE SET OF MAIN BEARINGS & THRUST PLATES)	

A - NOT PART OF THIS GROUP
B - USE AS REQUIRED
J - KIT MARKED J INCLUDES PART(S) MARKED J
R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01051082

230-7181 CYLINDER BLOCK AS*R

S/N: EHX1-UP

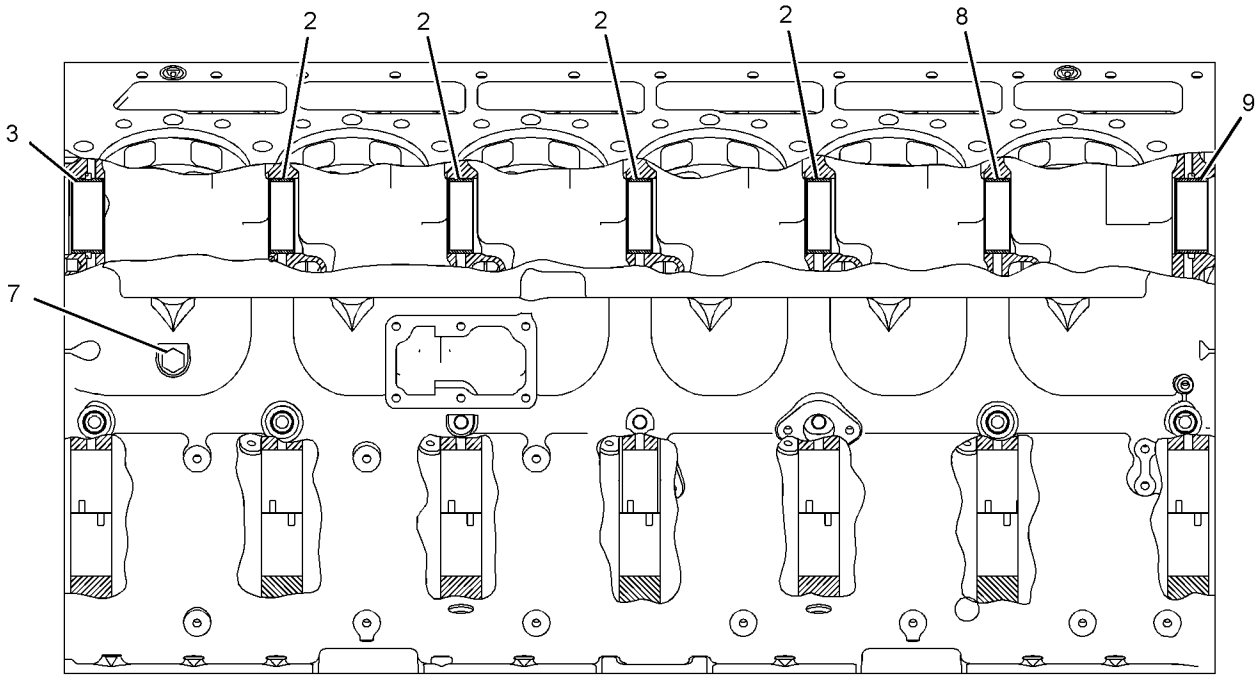
PART OF 230-7182 CYLINDER BLOCK AS

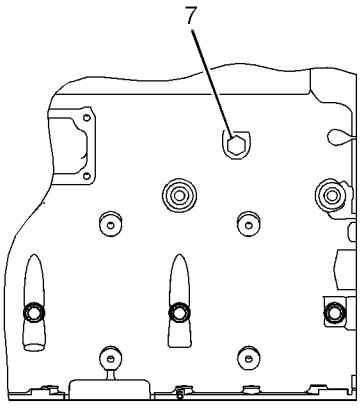
SMCS-1201 **i04769385**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3P-1323**	14	BOLT-BEARING CAP (7/8-14X7.75-IN)	
	2	1	**225-5965**	4	SLEEVE	
	3	1	**225-5966**	1	SLEEVE	
	4	1	**9H-1031**	14	WASHER-HARD (24X41.5X6-MM THK)	
	5	1	**232-7607**	7	CAP-CRANKSHAFT	
	6	1	**234-6902**	14	BOLT-12 POINT HEAD (M11X1.25X50-MM)	
	7	1	**7W-6492**	2	PLUG-PIPE (1/2-14-THD)	
	8	1	**4N-0685**	1	BUSHING (1-IN WIDE)	
	9	1	**4N-6658**	1	BUSHING (1.3-IN WIDE)	
ABFN		1	**6I-4361**		INSERT-LINER SEAT (0.772-MM THK)	
ABFN		1	**9Y-3368**		INSERT-LINER SEAT (0.822-MM THK)	
ABFN		1	**6I-4362**		INSERT-LINER SEAT (0.872-MM THK)	
ABFN		1	**6I-4363**		INSERT-LINER SEAT (1.555-MM THK)	
ABFN		1	**2W-3815**		INSERT-LINER SEAT (1.605-MM THK)	
ABFN		1	**6I-4364**		INSERT-LINER SEAT (1.655-MM THK)	
ABFN		1	**6I-4365**		INSERT-LINER SEAT (2.66-MM THK)	
ABFN		1	**5N-0093**		INSERT-LINER SEAT (2.71-MM THK)	
ABFN		1	**6I-4366**		INSERT-LINER SEAT (2.76-MM THK)	
ABFN		1	**101-0524**		INSERT-LINER SEAT (5.16-MM THK)	
ABFN		1	**101-0523**		INSERT-LINER SEAT (5.21-MM THK)	
ABFN		1	**101-0525**		INSERT-LINER SEAT (5.26-MM THK)	

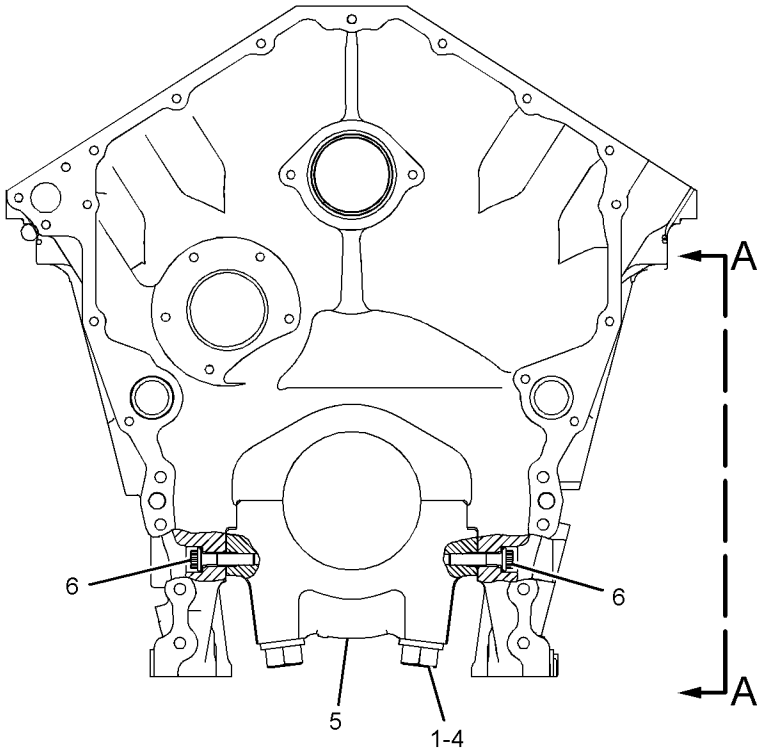
A - NOT PART OF THIS GROUP
B - USE AS REQUIRED
F - NOT SHOWN
N - FOR SALVAGE OF DAMAGED LIFTER BORES IN CYLINDER BLOCK REFER TO SEBF8076 IN SISWEB

230-7181 **CYLINDER BLOCK AS (**contd.**)** **i04769385**





VIEW A-A



GRAPHIC #1 <END> g01921855

230-7182 CYLINDER BLOCK AS

S/N: EHX1-UP

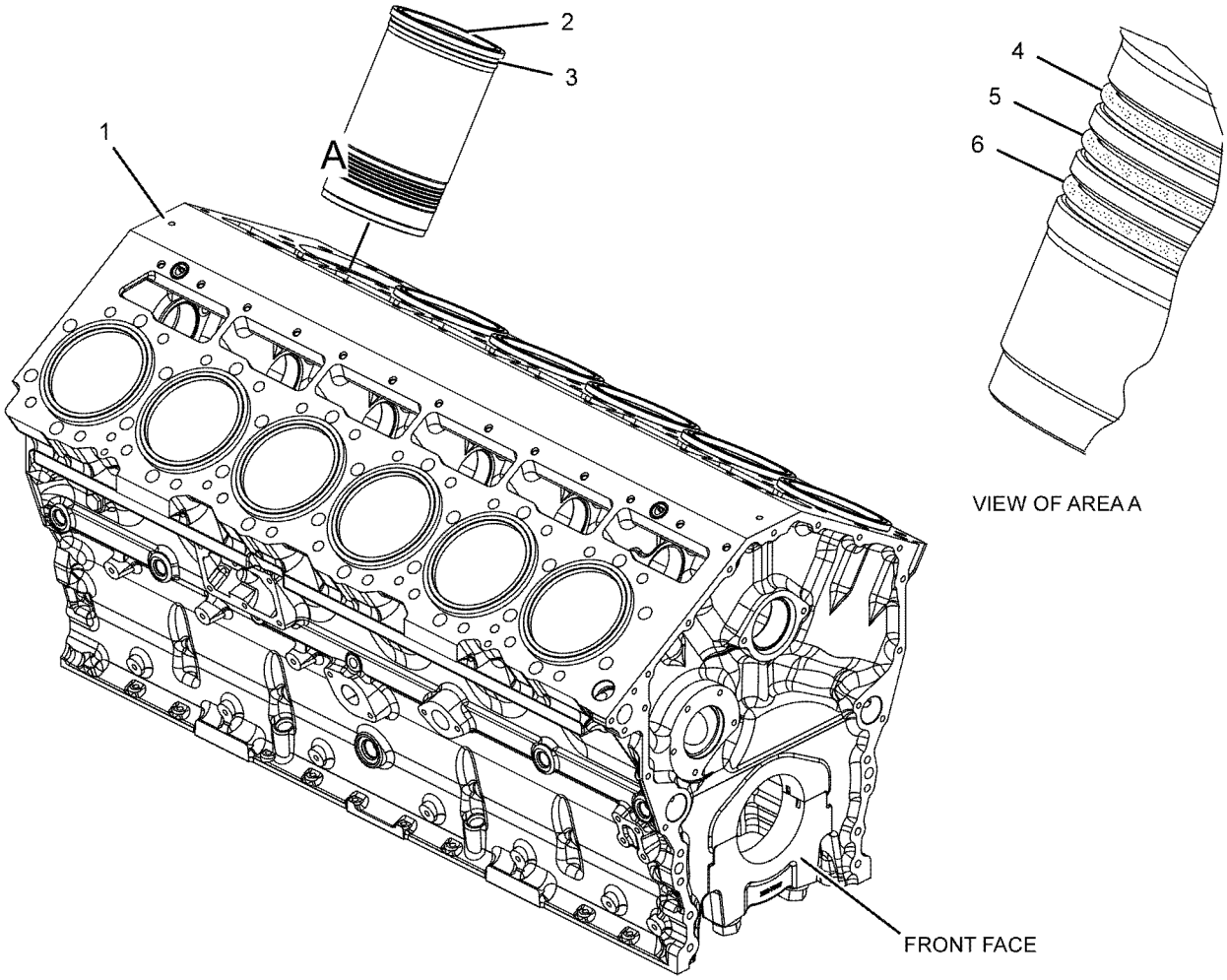
PART OF 237-0842 CYLINDER BLOCK GP

SMCS-1201 **i04039751**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
YR	1	1	**230-7181**	1	CYLINDER BLOCK AS	44
	2	1	**197-9322**	12	LINER-CYLINDER BLOCK	
	3	1	**9L-5854**	12	BAND-FILLER (130.2-MM ID)	
	4	1	**142-7072**	12	SEAL-LINER	
	5	1	**110-2220**	12	SEAL-LINER	
	6	1	**142-6217**	12	SEAL-O-RING	
ABF		1	**6I-4361**		INSERT-LINER SEAT (0.772-MM THK)	
ABF		1	**9Y-3368**		INSERT-LINER SEAT (0.822-MM THK)	
ABF		1	**6I-4362**		INSERT-LINER SEAT (0.872-MM THK)	
ABF		1	**6I-4363**		INSERT-LINER SEAT (1.555-MM THK)	
ABF		1	**2W-3815**		INSERT-LINER SEAT (1.605-MM THK)	
ABF		1	**6I-4364**		INSERT-LINER SEAT (1.655-MM THK)	
ABF		1	**6I-4365**		INSERT-LINER SEAT (2.66-MM THK)	
ABF		1	**5N-0093**		INSERT-LINER SEAT (2.71-MM THK)	
ABF		1	**6I-4366**		INSERT-LINER SEAT (2.76-MM THK)	
ABF		1	**101-0524**		INSERT-LINER SEAT (5.16-MM THK)	
ABF		1	**101-0523**		INSERT-LINER SEAT (5.21-MM THK)	
ABF		1	**101-0525**		INSERT-LINER SEAT (5.26-MM THK)	

A - NOT PART OF THIS GROUP
B - USE AS REQUIRED
F - NOT SHOWN
R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

230-7182 **CYLINDER BLOCK AS (**contd.**)** **i04039751**



GRAPHIC #1 <END> g01051844

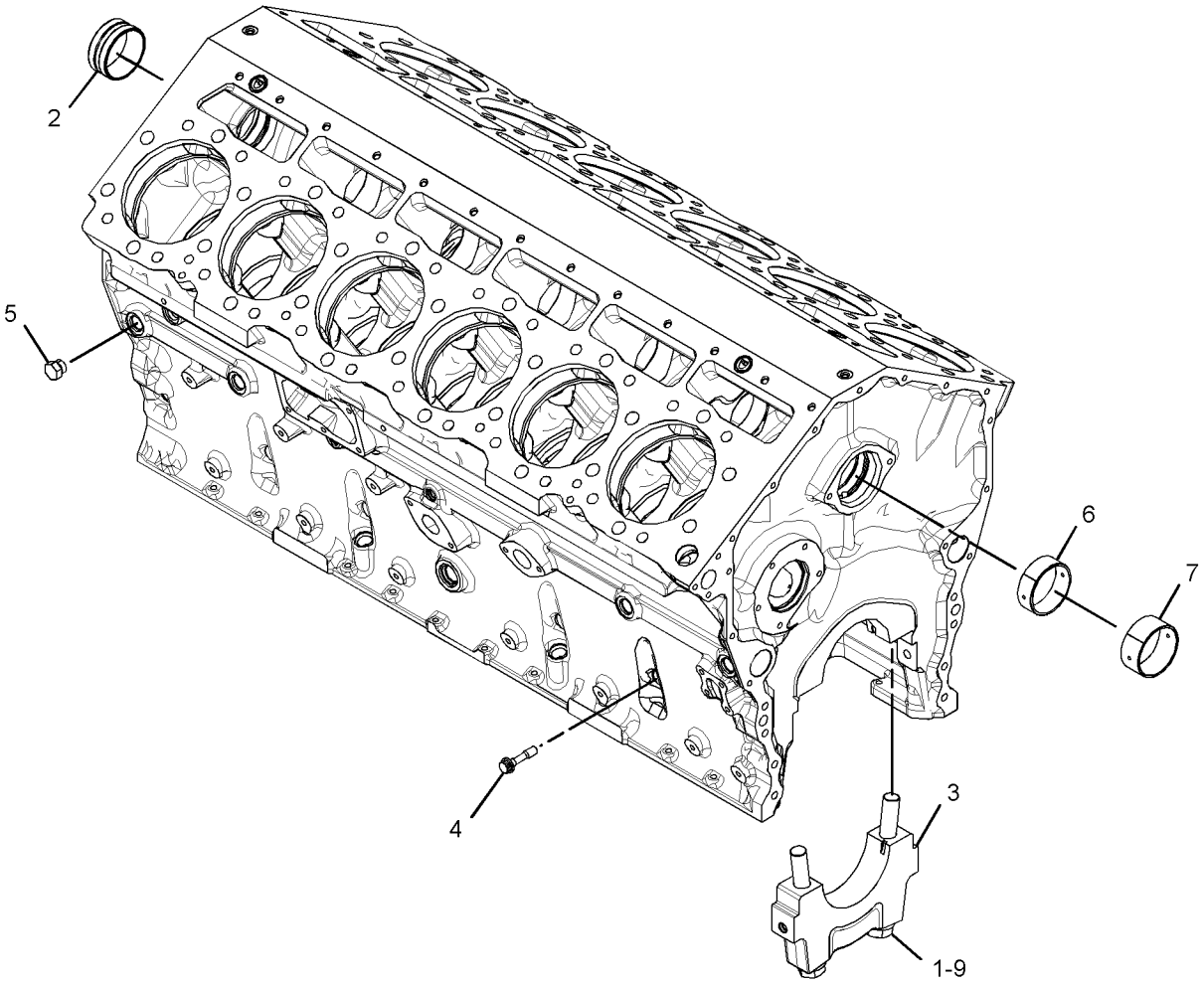
348-9904 CYLINDER BLOCK AS

S/N: EHX5531-UP

PART OF 348-9905 CYLINDER BLOCK AS

SMCS-1201 **i05426051**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3P-1323**	14	BOLT-BEARING CAP (7/8-14X7.75-IN)	
	2	1	**225-5966**	1	SLEEVE	
	3	1	**232-7607**	7	CAP-CRANKSHAFT	
	4	1	**365-4307**	14	BOLT-12 POINT HEAD (M11X1.25X50-MM)	
	5	1	*341-0087*	2	PLUG AS	
					(EACH INCLUDES)	
		1	**6V-6609**	1	SEAL-O-RING	
		1	**9S-4185**	1	PLUG (3/4-16-THD)	
	6	1	**4N-0685**	1	BUSHING (1-IN WIDE)	
	7	1	**4N-6658**	1	BUSHING (1.3-IN WIDE)	
	9	1	**9H-1031**	14	WASHER-HARD (24X41.5X6-MM THK)	



GRAPHIC #1 <END> g03461936

348-9905 CYLINDER BLOCK AS

S/N: EHX5531-UP

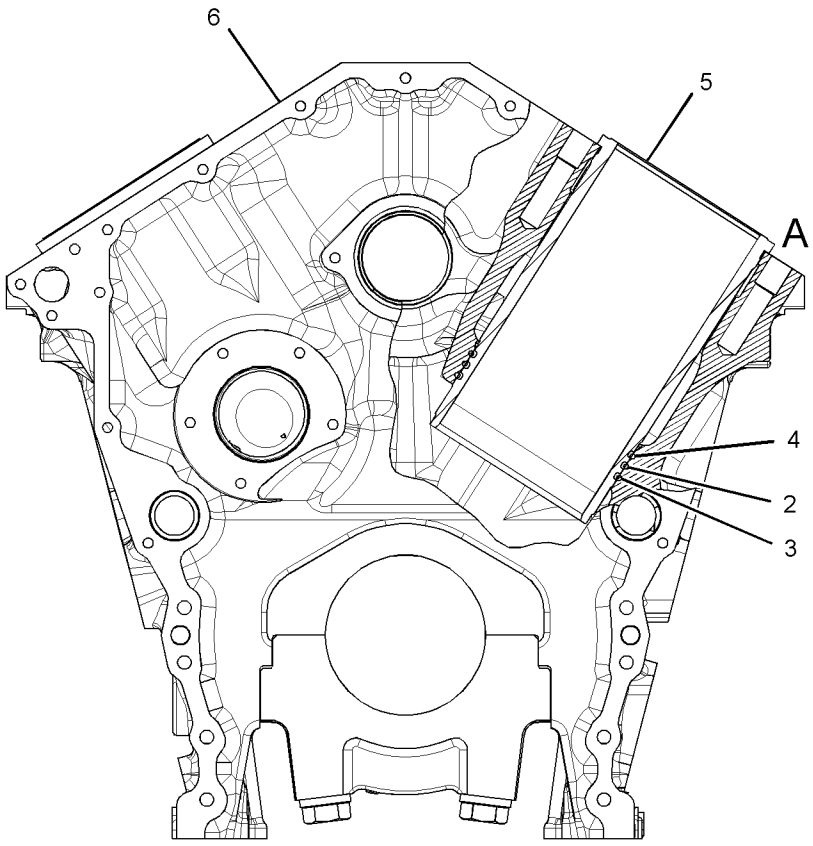
PART OF 349-2528 CYLINDER BLOCK GP

SMCS-1201 **i04541552**

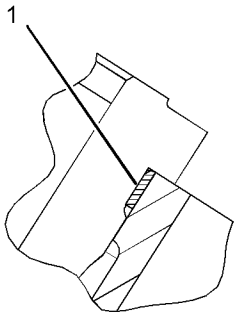
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9L-5854**	12	BAND-FILLER (130.2-MM ID)	
	2	1	**110-2220**	12	SEAL-LINER	
	3	1	**142-6217**	12	SEAL-O-RING	
	4	1	**142-7072**	12	SEAL-LINER	
	5	1	**197-9322**	12	LINER-CYLINDER BLOCK	
Y	6	1	*348-9904*	1	CYLINDER BLOCK AS	48
ABFN		1	**6I-4361**		INSERT-LINER SEAT (0.772-MM THK)	
ABFN		1	**9Y-3368**		INSERT-LINER SEAT (0.822-MM THK)	
ABFN		1	**6I-4362**		INSERT-LINER SEAT (0.872-MM THK)	
ABFN		1	**6I-4364**		INSERT-LINER SEAT (1.655-MM THK)	
ABFN		1	**6I-4363**		INSERT-LINER SEAT (1.555-MM THK)	
ABFN		1	**2W-3815**		INSERT-LINER SEAT (1.605-MM THK)	
ABFN		1	**101-0523**		INSERT-LINER SEAT (5.21-MM THK)	
ABFN		1	**6I-4365**		INSERT-LINER SEAT (2.66-MM THK)	
ABFN		1	**5N-0093**		INSERT-LINER SEAT (2.71-MM THK)	
ABFN		1	**6I-4366**		INSERT-LINER SEAT (2.76-MM THK)	
ABFN		1	**101-0524**		INSERT-LINER SEAT (5.16-MM THK)	
ABFN		1	**101-0525**		INSERT-LINER SEAT (5.26-MM THK)	

A - NOT PART OF THIS GROUP
B - USE AS REQUIRED
F - NOT SHOWN
N - FOR SALVAGE OF DAMAGED LIFTER BORES IN CYLINDER BLOCK REFER TO SEBF8076 IN SISWEB
Y - SEPARATE ILLUSTRATION

348-9905 **CYLINDER BLOCK AS (**contd.**)** **i04541552**



FRONT VIEW OF ENGINE



VIEW OF AREA A

GRAPHIC #1 <END> g02026936

237-0842 CYLINDER BLOCK GP

S/N: EHX1-5550

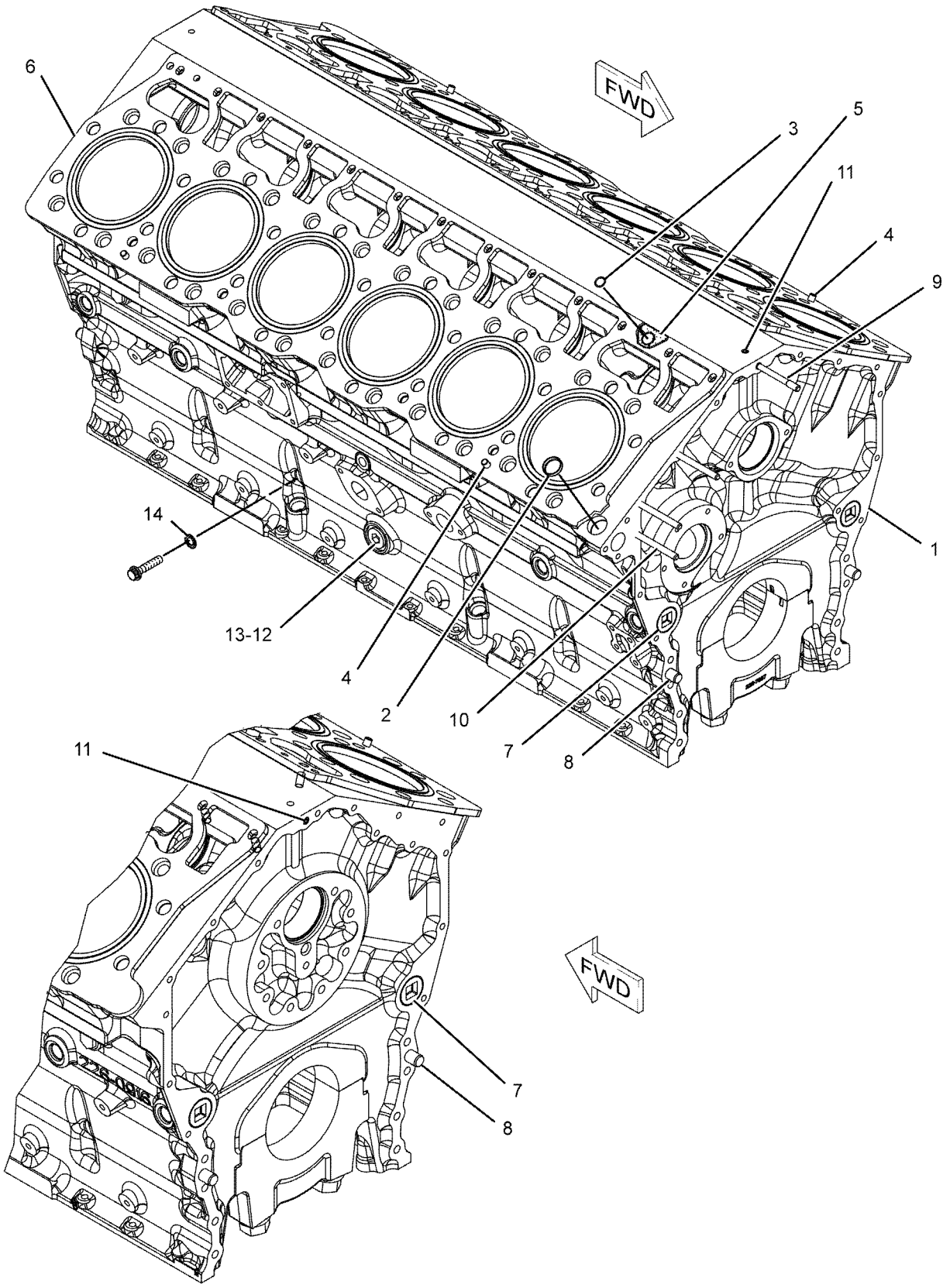
PART OF 231-3701, 262-9144 ENGINE AR-CORE

SMCS-1201 **i04044169**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**230-7182**	1	CYLINDER BLOCK AS	46
	2	1	**3B-0645**	1	PLUG-CUP	
	3	1	**5P-8356**	4	SEAL-O-RING	
	4	1	**4N-1650**	4	DOWEL	
	5	1	**225-3101**	2	GASKET-PLATE	
	6	1	**225-3100**	2	PLATE-SPACER	
	7	1	**7C-9614**	4	PLUG-TAPERLOCK (1-5/8-12-THD)	
	8	1	**4N-0683**	4	DOWEL	
	9	1	**214-1728**	1	STUD (3/8-16, 1/8-27X3.5-IN)	
	10	1	**6L-4428**	3	STUD-TAPERLOCK (3/8-16X4.01-IN)	
	11	1	**8T-6757**	2	PLUG-PIPE	
	12	1	**6V-5050**	2	SEAL-O-RING	
	13	1	**9S-8008**	2	PLUG (1-1/16-12-THD) (1 1/16-12 THD)	
	14	1	**240-9543**	14	WASHER (12.45X22.35X1.82-MM THK)	
ABFN		1	**6I-4361**		INSERT-LINER SEAT (0.772-MM THK)	
ABFN		1	**9Y-3368**		INSERT-LINER SEAT (0.822-MM THK)	
ABFN		1	**6I-4362**		INSERT-LINER SEAT (0.872-MM THK)	
ABFN		1	**6I-4363**		INSERT-LINER SEAT (1.555-MM THK)	
ABFN		1	**2W-3815**		INSERT-LINER SEAT (1.605-MM THK)	
ABFN		1	**6I-4364**		INSERT-LINER SEAT (1.655-MM THK)	
ABFN		1	**6I-4365**		INSERT-LINER SEAT (2.66-MM THK)	
ABFN		1	**5N-0093**		INSERT-LINER SEAT (2.71-MM THK)	
ABFN		1	**6I-4366**		INSERT-LINER SEAT (2.76-MM THK)	
ABFN		1	**101-0524**		INSERT-LINER SEAT (5.16-MM THK)	
ABFN		1	**101-0523**		INSERT-LINER SEAT (5.21-MM THK)	
ABFN		1	**101-0525**		INSERT-LINER SEAT (5.26-MM THK)	

A - NOT PART OF THIS GROUP
B - USE AS REQUIRED
F - NOT SHOWN
N - FOR SALVAGE OF DAMAGED LIFTER BORES IN CYLINDER BLOCK
Y - SEPARATE ILLUSTRATION

237-0842 **CYLINDER BLOCK GP (**contd.**)** **i04044169**



GRAPHIC #1 <END> g01100708

349-2528 CYLINDER BLOCK GP

S/N: EHX5531-UP

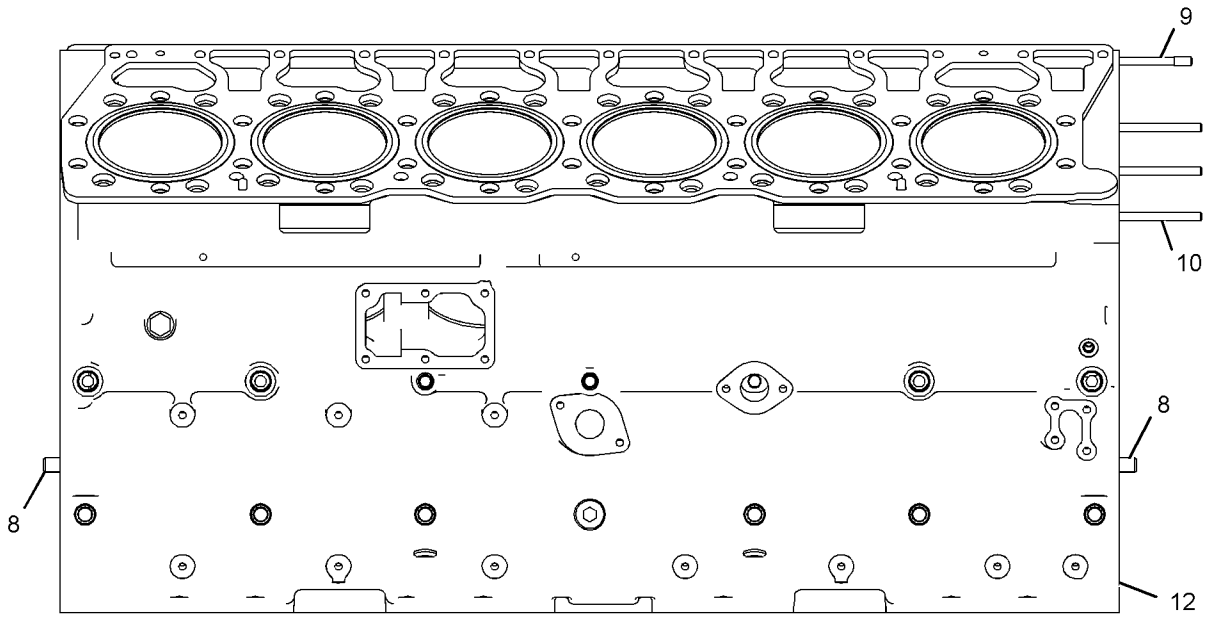
PART OF 350-5499 ENGINE AR-CORE

SMCS-1201 **i04541557**

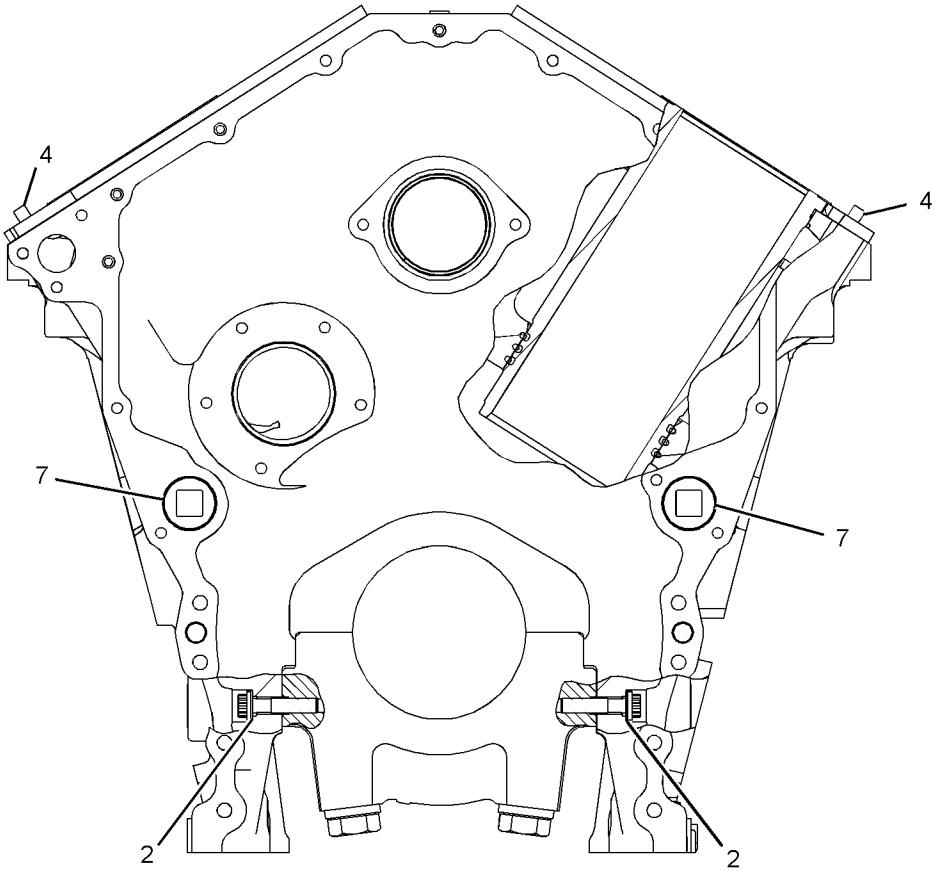
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**354-8484**	2	GASKET-PLATE	
	2	1	**240-9543**	14	WASHER (12.45X22.35X1.82-MM THK)	
	3	2	**5P-8356**	4	SEAL-O-RING	
	4	1	**4N-1650**	4	DOWEL	
	5	2	*315-9859*	2	PLUG AS	
					(EACH INCLUDES)	
		2	**9S-8008**	1	PLUG (1-1/16-12-THD)	
		2	**238-5082**	1	SEAL-O-RING	
	6	2	**225-3100**	2	PLATE-SPACER	
	7	1,2	**7C-9614**	4	PLUG-TAPERLOCK (1-5/8-12-THD)	
	8	1	**4N-0683**	4	DOWEL	
	9	1	**214-1728**	1	STUD (3/8-16, 1/8-27X3.5-IN)	
	10	1	**6L-4428**	3	STUD-TAPERLOCK (3/8-16X4.01-IN)	
	11	2	**8T-6757**	1	PLUG-PIPE	
Y	12	1	*348-9905*	1	CYLINDER BLOCK AS	49
	13	2	*307-2671*	1	PLUG AS	
		2	**9S-8002**	1	PLUG (7/16-20-THD)	
		2	**214-7566**	1	SEAL-O-RING	
	14	2	**3B-0645**	1	PLUG-CUP	
ABFN		1	**6I-4361**		INSERT-LINER SEAT (0.772-MM THK)	
ABFN		1	**9Y-3368**		INSERT-LINER SEAT (0.822-MM THK)	
ABFN		1	**6I-4362**		INSERT-LINER SEAT (0.872-MM THK)	
ABFN		1	**6I-4363**		INSERT-LINER SEAT (1.555-MM THK)	
ABFN		1	**2W-3815**		INSERT-LINER SEAT (1.605-MM THK)	
ABFN		1	**6I-4364**		INSERT-LINER SEAT (1.655-MM THK)	
ABFN		1	**6I-4365**		INSERT-LINER SEAT (2.66-MM THK)	
ABFN		1	**5N-0093**		INSERT-LINER SEAT (2.71-MM THK)	
ABFN		1	**6I-4366**		INSERT-LINER SEAT (2.76-MM THK)	
ABFN		1	**101-0524**		INSERT-LINER SEAT (5.16-MM THK)	
ABFN		1	**101-0523**		INSERT-LINER SEAT (5.21-MM THK)	
ABFN		1	**101-0525**		INSERT-LINER SEAT (5.26-MM THK)	

A - NOT PART OF THIS GROUP
B - USE AS REQUIRED
F - NOT SHOWN
N - FOR SALVAGE OF DAMAGED LIFTER BORES IN CYLINDER BLOCK REFER TO SEBF8076 IN SISWEB
Y - SEPARATE ILLUSTRATION

349-2528 **CYLINDER BLOCK GP (**contd.**)** **i04541557**



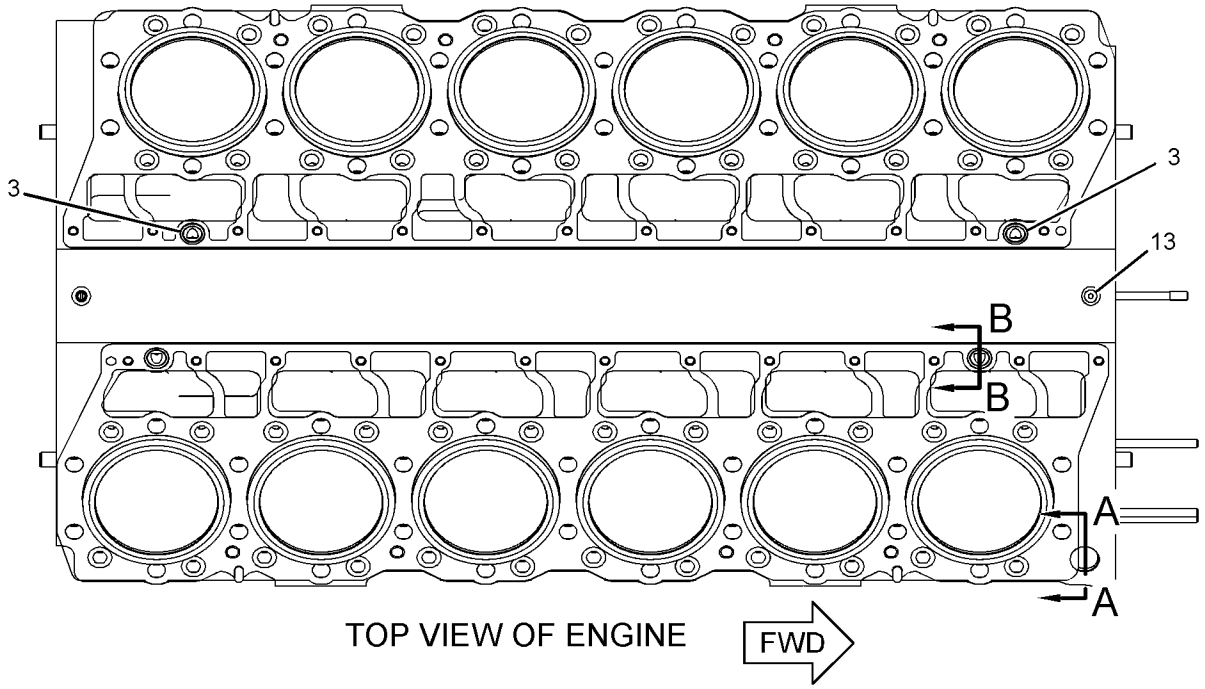
RIGHT SIDE VIEW OF ENGINE

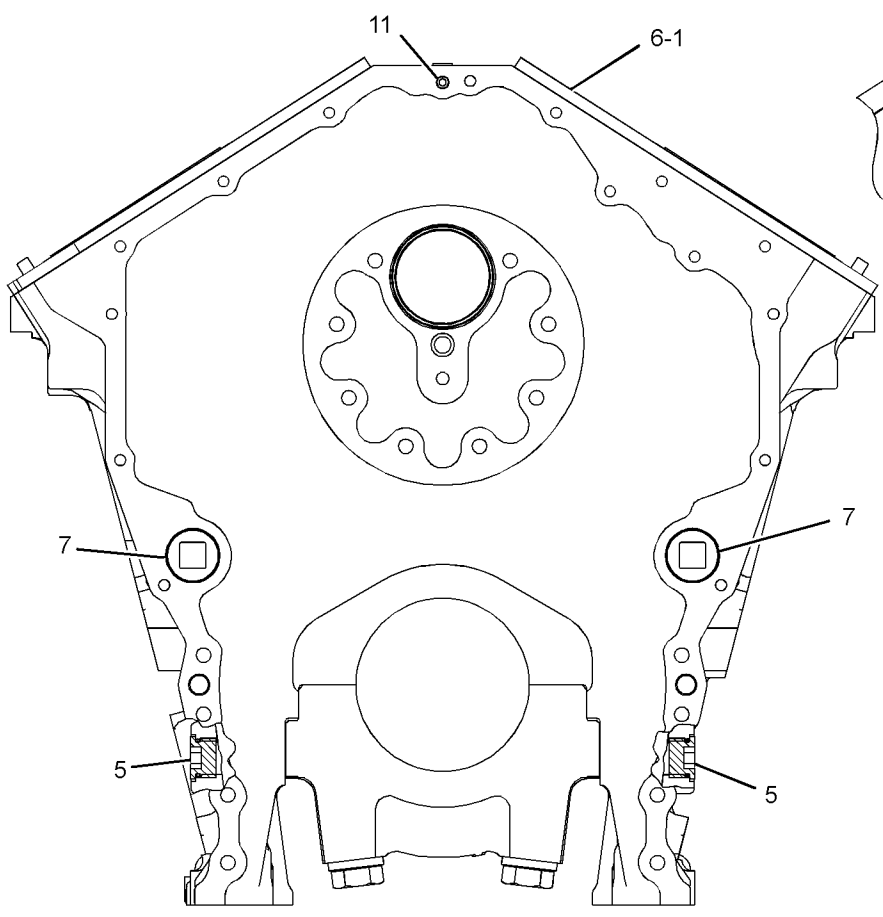


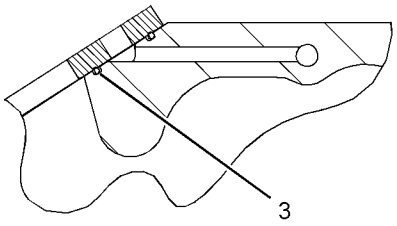
FRONT VIEW OF ENGINE

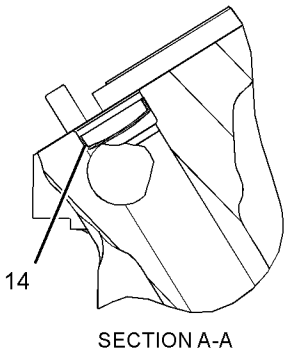
GRAPHIC #1 g02140829

349-2528 **CYLINDER BLOCK GP (**contd.**)** **i04541557**









GRAPHIC #2 <END> g02140830

223-6432 CYLINDER HEAD AS

S/N: EHX1-UP

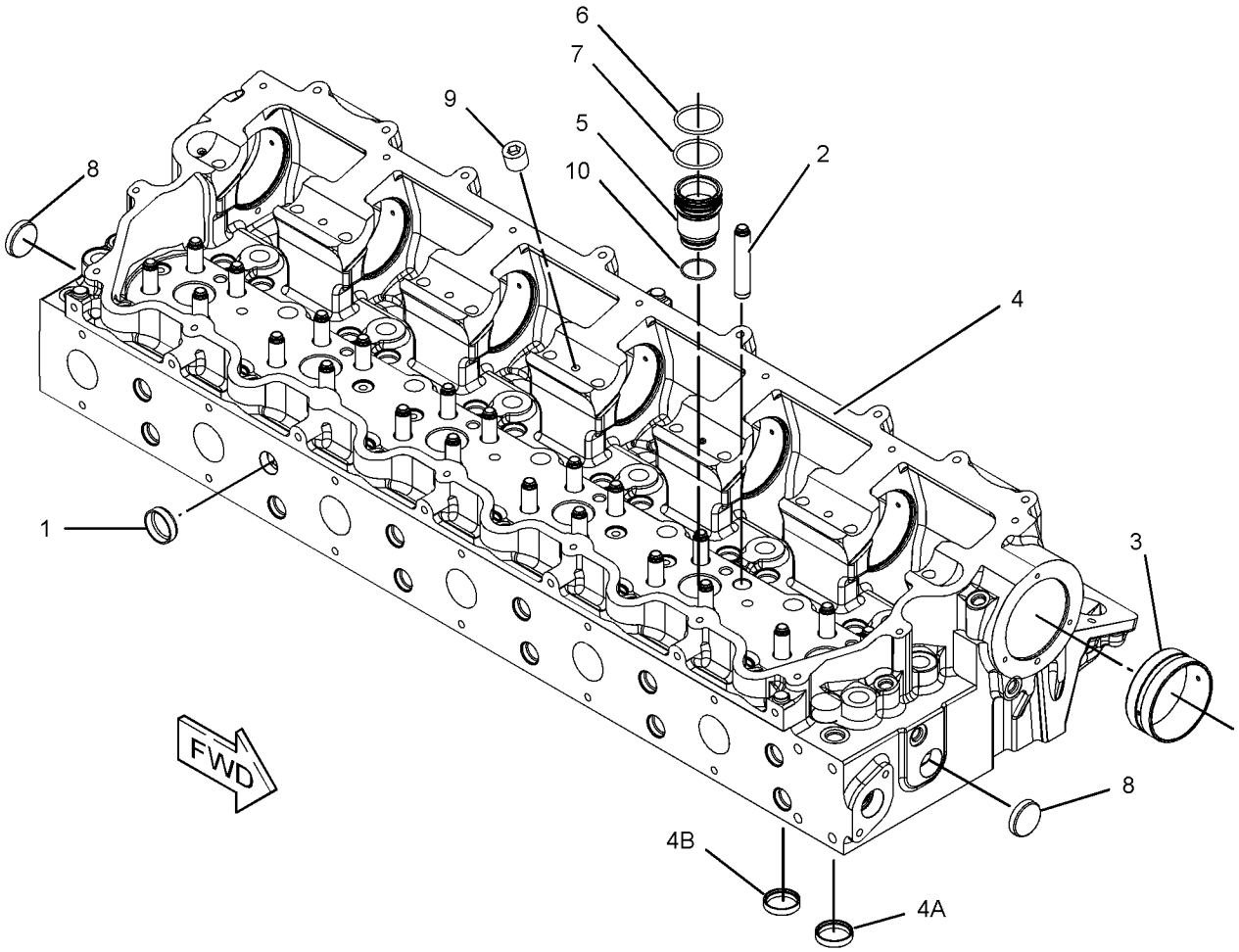
PART OF 223-6431 CYLINDER HEAD GP

SMCS-1100, 1101 **i03624262**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3B-0623**	36	PLUG-CUP	
	2	1	**122-7375**	24	GUIDE-VALVE (STANDARD)	
AB		1	**122-0447**		GUIDE-VALVE (0.51-MM OS)	
AB		1	**122-8612**		GUIDE-VALVE (0.13-MM OS)	
	3	1	**216-5582**	7	BUSHING (STANDARD)	
AB		1	**217-0751**		BUSHING (0.25-MM OS)	
AB		1	**217-0752**		BUSHING (0.762-MM OS)	
AB		1	**261-3429**		BUSHING (1.778-MM OS)	
AB		1	**261-3430**		BUSHING (1.27-MM OS)	
	4	1	*223-6433*	1	CYLINDER HEAD AS	
	4A	1	**224-3983**	12	INSERT-SEAT (INLET) (STANDARD)	
AB		1	**314-3063**		INSERT-VALVE SEAT (0.55-MM THK)	
AB		1	**314-3064**		INSERT-VALVE SEAT (0.13-MM OS, INLET)	
AB		1	**314-3065**		INSERT-VALVE SEAT (0.13-MM OS)	
AB		1	**314-3066**		INSERT-VALVE SEAT (0.26-MM OS, INLET)	
AB		1	**314-3067**		INSERT-VALVE SEAT (0.26-MM OS)	
AB		1	**314-3068**		INSERT-VALVE SEAT (0.51-MM OS, INLET)	
AB		1	**314-3069**		INSERT-VALVE SEAT (0.51-MM OS)	
	4B	1	**226-5561**	12	INSERT-VALVE SEAT (EXHAUST) (STANDARD)	
AB		1	**288-4883**		INSERT-VALVE SEAT (0.51-MM OS, EXHAUST)	
AB		1	**288-4884**		INSERT-VALVE SEAT (0.76-MM OS, EXHAUST)	
	5	1	**227-4239**	6	SLEEVE-INJECTOR	
	6	1	**166-2903**	6	SEAL-O-RING	
	7	1	**166-2904**	6	SEAL-O-RING	
	8	1	**3B-0645**	2	PLUG-CUP	
	9	1	**8T-6757**	3	PLUG-PIPE	
	10	1	**9X-7430**	6	SEAL-O-RING	

A - NOT PART OF THIS GROUP
B - USE AS REQUIRED

223-6432 **CYLINDER HEAD AS (**contd.**)** **i03624262**



GRAPHIC #1 <END> g01162584

284-2787 CYLINDER HEAD AS

S/N: EHX4095-UP

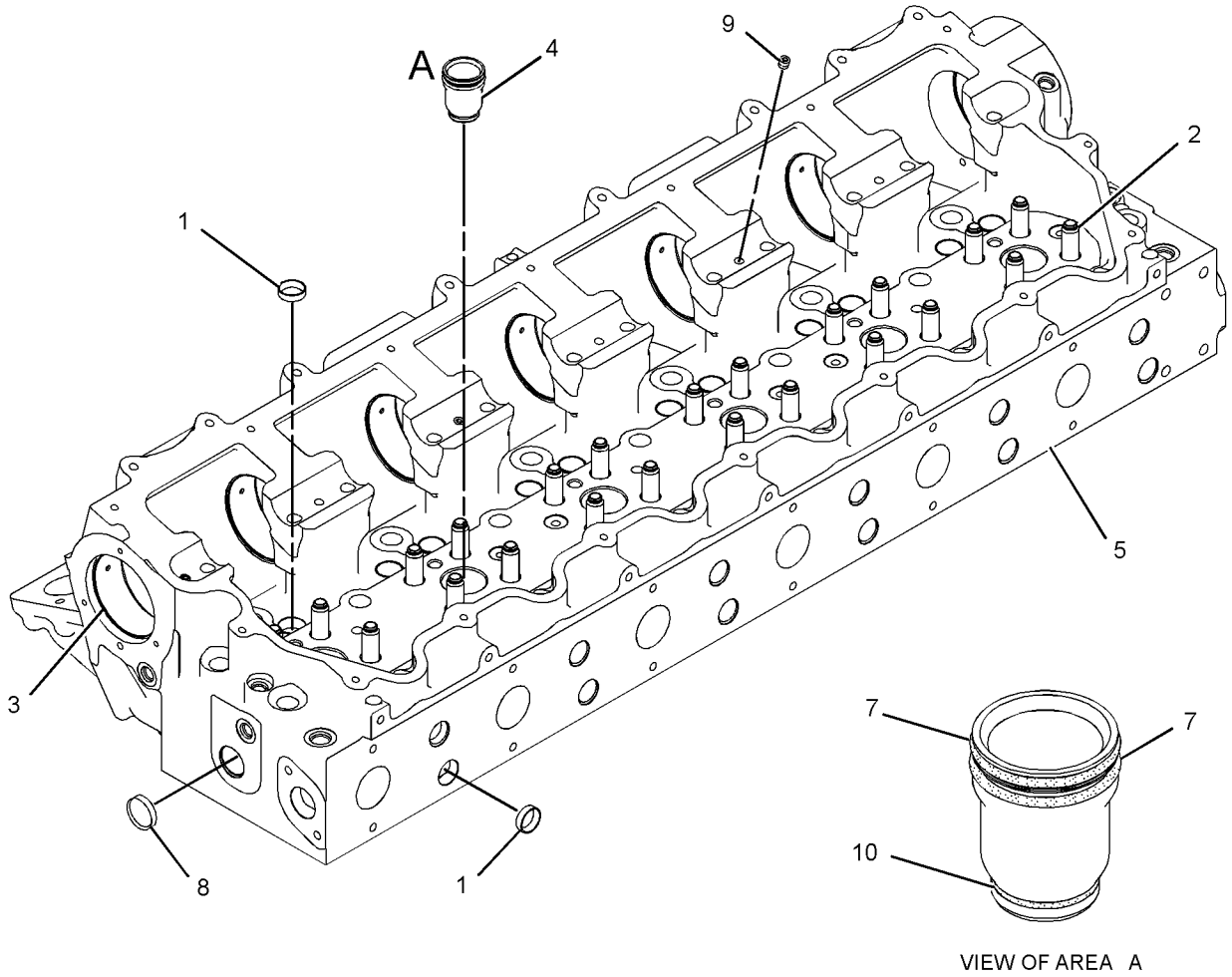
PART OF 284-8892 CYLINDER HEAD GP

SMCS-1100, 1101 **i03583700**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3B-0623**	36	PLUG-CUP	
	2	1	**122-7375**	24	GUIDE-VALVE (STANDARD)	
AB		1	**122-0447**		GUIDE-VALVE (0.51-MM OS)	
AB		1	**122-8612**		GUIDE-VALVE (0.13-MM OS)	
	3	1	**216-5582**	7	BUSHING (STANDARD)	
AB		1	**217-0751**		BUSHING (0.25-MM OS)	
AB		1	**217-0752**		BUSHING (0.762-MM OS)	
AB		1	**261-3429**		BUSHING (1.778-MM OS)	
AB		1	**261-3430**		BUSHING (1.27-MM OS)	
C	4	1	**263-4920**	6	SLEEVE-INJECTOR (INLET)	
	5	1	*284-2786*	1	CYLINDER HEAD AS	
		1	**224-3983**	12	INSERT-SEAT (INLET) (STANDARD)	
AB		1	**314-3063**		INSERT-VALVE SEAT (0.55-MM THK) (INLET)	
AB		1	**314-3064**		INSERT-VALVE SEAT (0.13-MM OS, INLET)	
AB		1	**314-3065**		INSERT-VALVE SEAT (0.13-MM OS) (INLET)	
AB		1	**314-3066**		INSERT-VALVE SEAT (0.26-MM OS, INLET)	
AB		1	**314-3067**		INSERT-VALVE SEAT (0.26-MM OS) (INLET)	
AB		1	**314-3068**		INSERT-VALVE SEAT (0.51-MM OS, INLET)	
AB		1	**314-3069**		INSERT-VALVE SEAT (0.51-MM OS) (INLET)	
		1	**226-5561**	12	INSERT-VALVE SEAT (EXHAUST) (STANDARD)	
AB		1	**288-4883**		INSERT-VALVE SEAT (0.51-MM OS, EXHAUST)	
AB		1	**288-4884**		INSERT-VALVE SEAT (0.76-MM OS, EXHAUST)	
C	7	1	**166-2904**	12	SEAL-O-RING	
	8	1	**3B-0645**	2	PLUG-CUP	
	9	1	**8T-6757**	3	PLUG-PIPE	
	10	1	**9X-7430**	6	SEAL-O-RING	

A - NOT PART OF THIS GROUP
B - USE AS REQUIRED
C - CHANGE FROM PREVIOUS TYPE

284-2787 **CYLINDER HEAD AS (**contd.**)** **i03583700**



VIEW OF AREA A

GRAPHIC #1 <END> g01422176

357-7398 CYLINDER HEAD AS*R

S/N: EHX2921-UP

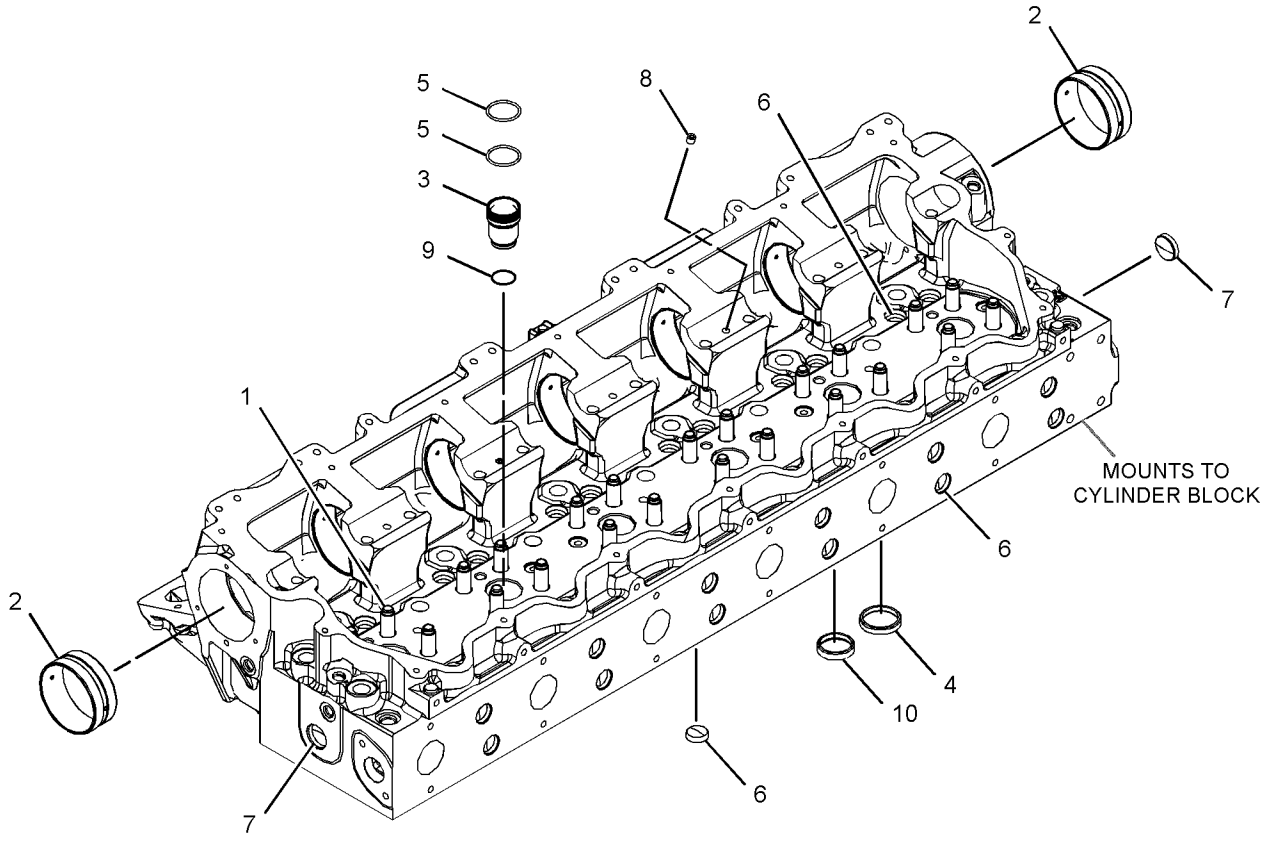
PART OF 359-0936 CYLINDER HEAD GP

SMCS-1100, 1101 **i07074660**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**122-7375**	24	GUIDE-VALVE (STANDARD)	
AB		1	**122-0447**		GUIDE-VALVE (0.51-MM OS)	
AB		1	**122-8612**		GUIDE-VALVE (0.13-MM OS)	
	2	1	**216-5582**	7	BUSHING (STANDARD)	
AB		1	**217-0751**		BUSHING (0.25-MM OS)	
AB		1	**217-0752**		BUSHING (0.762-MM OS)	
AB		1	**261-3429**		BUSHING (1.778-MM OS)	
AB		1	**261-3430**		BUSHING (1.27-MM OS)	
AB		1	**390-0914**		BUSHING	
	3	1	**263-4920**	6	SLEEVE-INJECTOR (INLET)	
	4	1	**224-3983**	12	INSERT-SEAT (INLET) (STANDARD)	
AB		1	**314-3063**		INSERT-VALVE SEAT (0.55-MM THK) (INLET)	
AB		1	**314-3064**		INSERT-VALVE SEAT (0.13-MM OS, INLET)	
AB		1	**314-3065**		INSERT-VALVE SEAT (0.13-MM OS) (INLET)	
AB		1	**314-3066**		INSERT-VALVE SEAT (0.26-MM OS, INLET)	
AB		1	**314-3067**		INSERT-VALVE SEAT (0.26-MM OS) (INLET)	
AB		1	**314-3068**		INSERT-VALVE SEAT (0.51-MM OS, INLET)	
AB		1	**314-3069**		INSERT-VALVE SEAT (0.51-MM OS) (INLET)	
	5	1	**166-2904**	12	SEAL-O-RING	
	6	1	**3B-0623**	36	PLUG-CUP	
	7	1	**3B-0645**	2	PLUG-CUP	
	8	1	**8T-6757**	3	PLUG-PIPE	
	9	1	**9X-7430**	6	SEAL-O-RING	
	10	1	**226-5561**	12	INSERT-VALVE SEAT (EXHAUST) (STANDARD)	
AB		1	**288-4883**		INSERT-VALVE SEAT (0.51-MM OS, EXHAUST)	
AB		1	**288-4884**		INSERT-VALVE SEAT (0.76-MM OS, EXHAUST)	

A - NOT PART OF THIS GROUP
B - USE AS REQUIRED

357-7398 **CYLINDER HEAD AS (**contd.**)** **i07074660**



GRAPHIC #1 <END> g03131796

396-8374 CYLINDER HEAD AS

S/N: EHX6104-UP

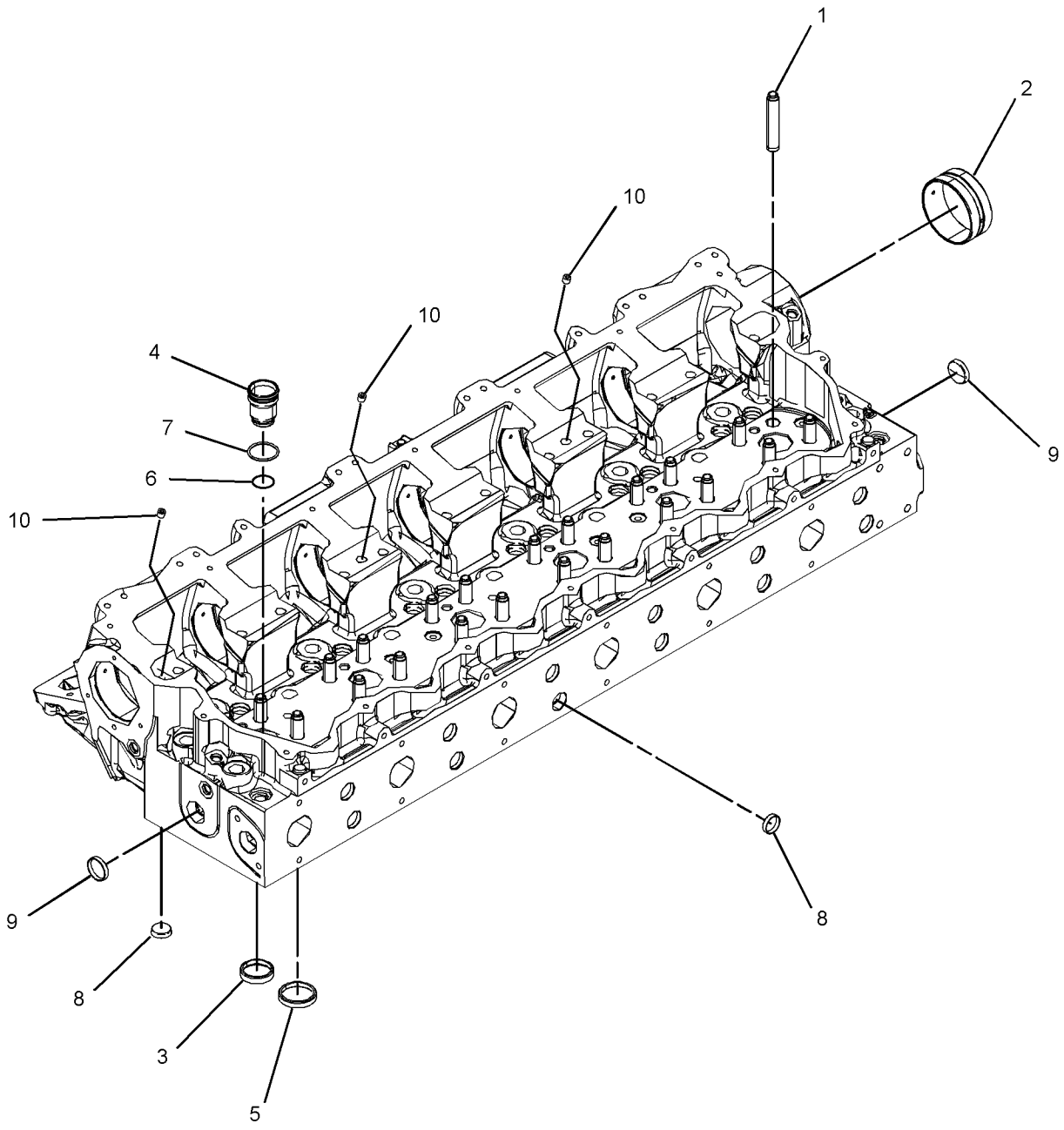
PART OF 396-8375 CYLINDER HEAD GP

SMCS-1100, 1101 **i04941680**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**122-7375**	24	GUIDE-VALVE (STANDARD)	
AB		1	**122-0447**		GUIDE-VALVE (0.51-MM OS)	
AB		1	**122-8612**		GUIDE-VALVE (0.13-MM OS)	
	2	1	**216-5582**	7	BUSHING (STANDARD)	
AB		1	**217-0751**		BUSHING (0.25-MM OS)	
AB		1	**217-0752**		BUSHING (0.762-MM OS)	
AB		1	**261-3429**		BUSHING (1.778-MM OS)	
AB		1	**261-3430**		BUSHING (1.27-MM OS)	
	3	1	**226-5561**	12	INSERT-VALVE SEAT (EXHAUST) (STANDARD)	
AB		1	**288-4883**		INSERT-VALVE SEAT (0.51-MM OS, EXHAUST)	
AB		1	**288-4884**		INSERT-VALVE SEAT (0.76-MM OS, EXHAUST)	
	4	1	**263-4920**	6	SLEEVE-INJECTOR (INLET)	
	5	1	**280-3979**	12	INSERT-VALVE SEAT (INLET) (STANDARD)	
AB		1	**288-4881**		INSERT-VALVE SEAT (INLET) (0.51-MM OS)	
AB		1	**288-4882**		INSERT-VALVE SEAT (0.76-MM OS, INLET)	
	6	1	**9X-7430**	6	SEAL-O-RING	
	7	1	**166-2904**	12	SEAL-O-RING	
	8	1	**3B-0623**	36	PLUG-CUP	
	9	1	**3B-0645**	2	PLUG-CUP	
	10	1	**8T-6757**	3	PLUG-PIPE	

A - NOT PART OF THIS GROUP
B - USE AS REQUIRED

396-8374 **CYLINDER HEAD AS (**contd.**)** **i04941680**



GRAPHIC #1 <END> g03149436

223-6397 CYLINDER HEAD GP

S/N: EHX1-2486

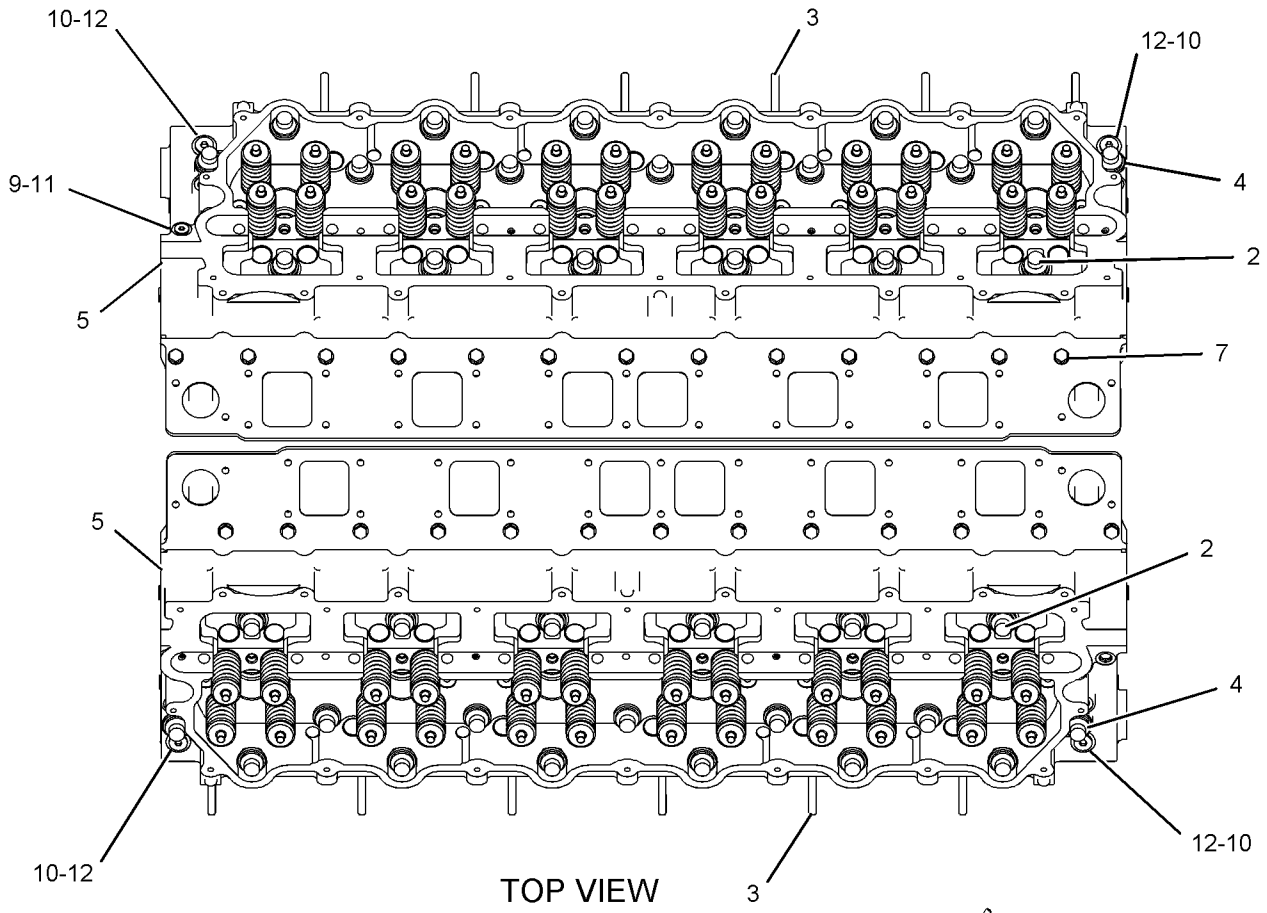
PART OF 231-3701, 262-9144 ENGINE AR-CORE

SMCS-1100 **i06692166**

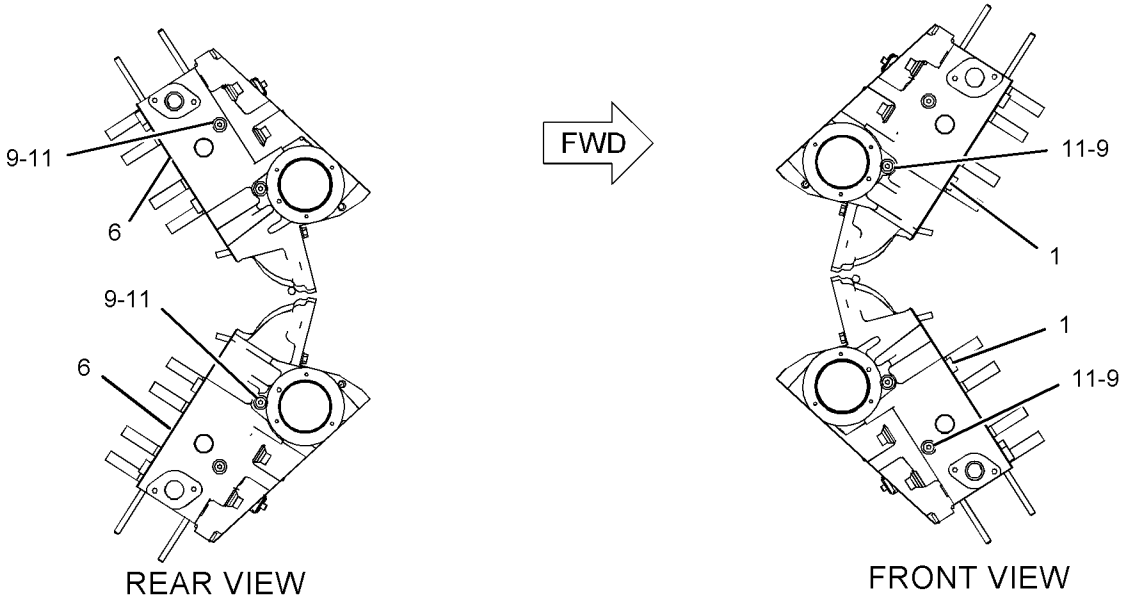
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3E-6772**	48	SEAL (WATER)	
	2	1	*6I-4025*	32	FASTENER GP-CYLINDER HEAD	
					(EACH INCLUDES)	
		1	**5H-1504**	1	WASHER-HARD (20X33.5X5-MM THK)	
		1	**124-1855**	1	BOLT-12 POINT HEAD (3/4-16X7.638-IN)	
	3	1	**106-1792**	24	STUD-TAPERLOCK (3/8-16X4-IN)	
	4	1	*106-5673*	20	FASTENER GP-CYLINDER HEAD	
					(EACH INCLUDES)	
		1	**5H-1504**	1	WASHER-HARD (20X33.5X5-MM THK)	
		1	**124-1854**	1	BOLT-12 POINT HEAD (3/4-16X8.5-IN)	
YR	5	1	**223-6431**	2	CYLINDER HEAD GP	66
	6	1	**225-3099**	2	GASKET-CYLINDER HEAD	
	7	1	**248-0036**	26	BOLT-WASHER HEAD (3/8-16X6-IN)	
	9	1	**6V-5049**	9	SEAL-O-RING	
	10	1	**6V-6609**	4	SEAL-O-RING	
	11	1	**9S-8004**	9	PLUG (9/16-18-THD)	
	12	1	**9S-8005**	4	PLUG (3/4-16-THD)	

R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

223-6397 **CYLINDER HEAD GP (**contd.**)** **i06692166**



TOP VIEW



REAR VIEW FRONT VIEW

GRAPHIC #1 <END> g01108895

223-6431 CYLINDER HEAD GP*R

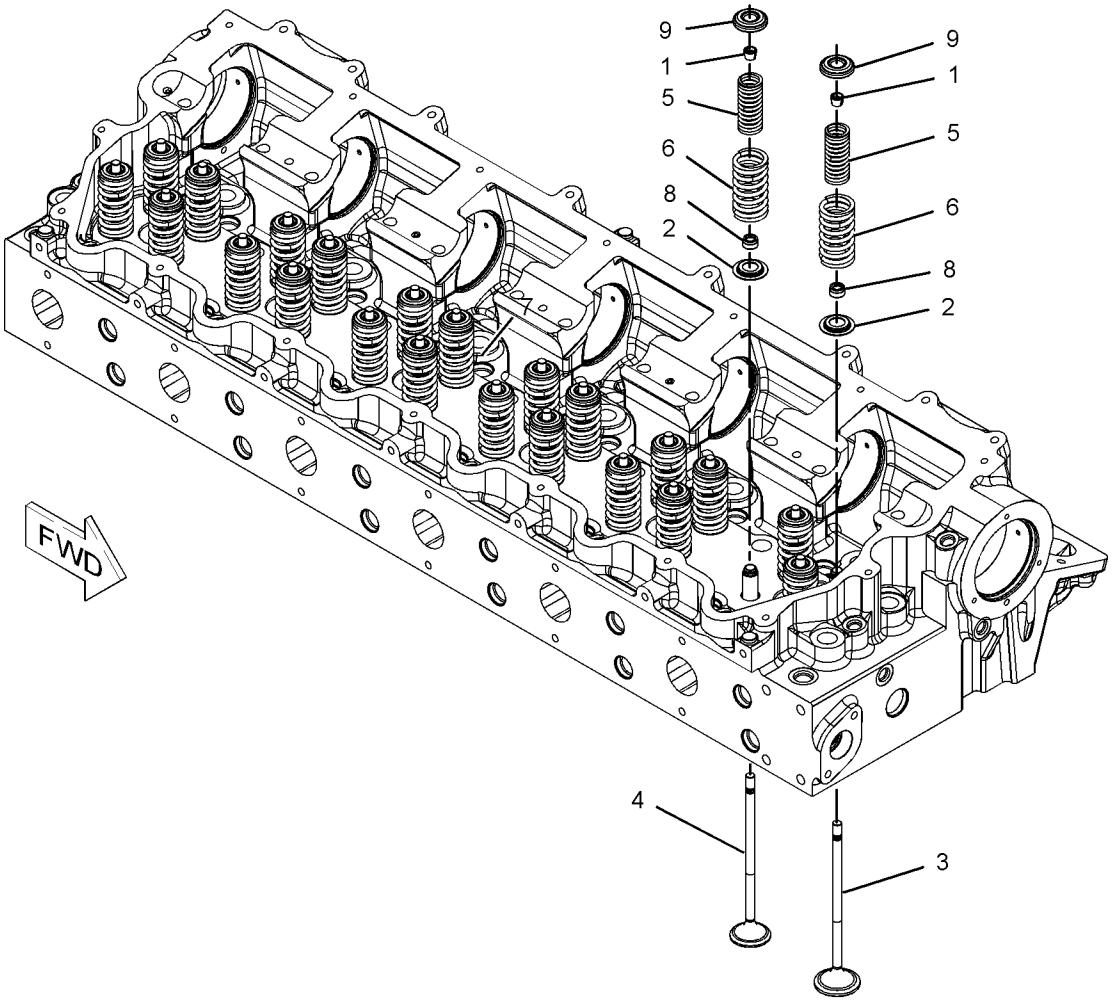
S/N: EHX1-UP

PART OF 223-6397, 279-7453 CYLINDER HEAD GP

SMCS-1100 **i02759167**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**2A-4429**	48	LOCK-RETAINER	
	2	1	**6I-0928**	24	WASHER-SPECIAL	
	3	1	**153-7023**	12	VALVE-INLET	
	4	1	**153-7024**	12	VALVE-EXHAUST	
	5	1	**211-3122**	24	SPRING-VALVE (INNER)	
	6	1	**211-3123**	24	SPRING-VALVE (OUTER)	
Y	7	1	**223-6432**	1	CYLINDER HEAD AS	56
	8	1	**163-2478**	24	SEAL-VALVE STEM	
	9	1	**186-2001**	24	ROTOCOIL AS	

Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g01164026

279-7453 CYLINDER HEAD GP

S/N: EHX2487-2989

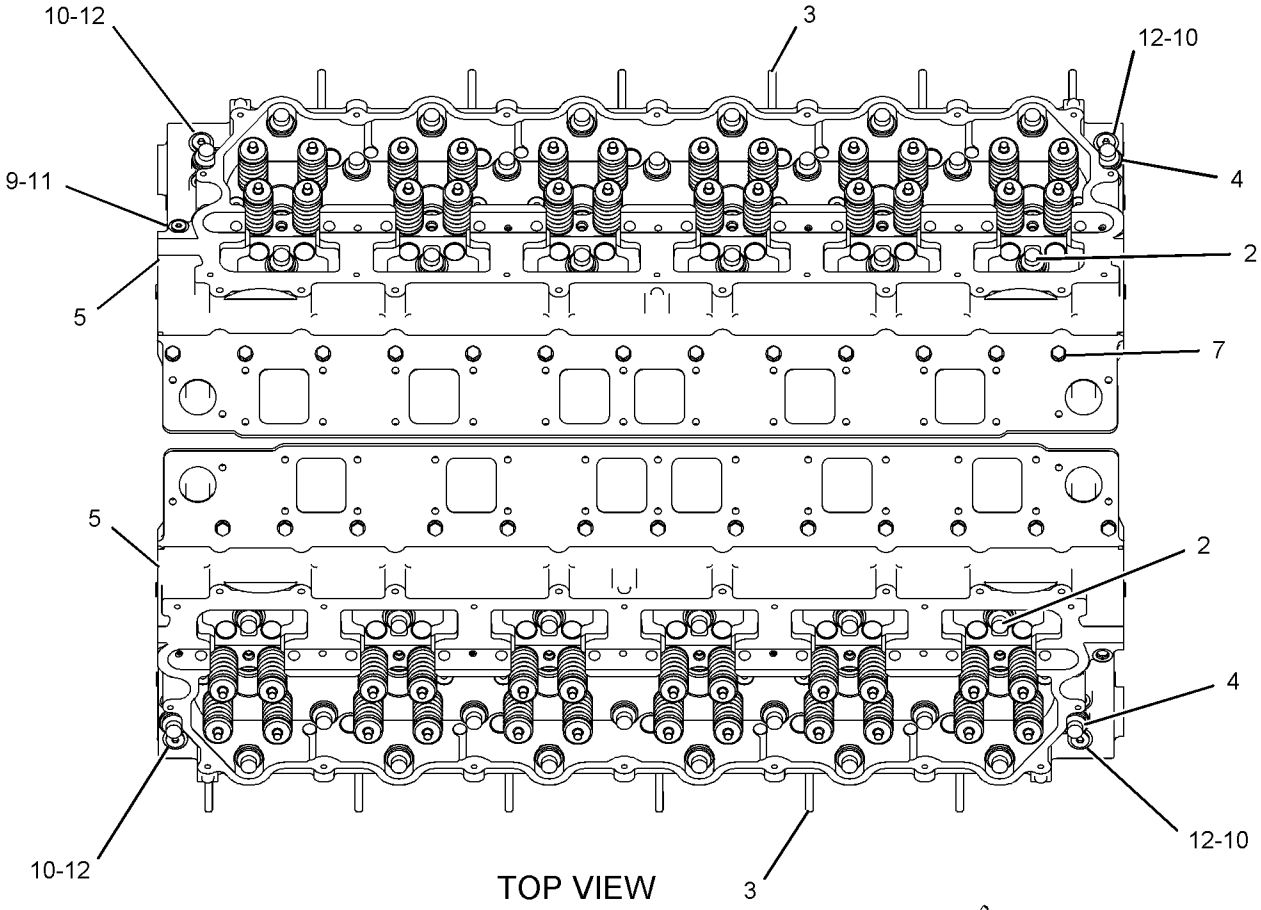
PART OF 262-9144 ENGINE AR-CORE

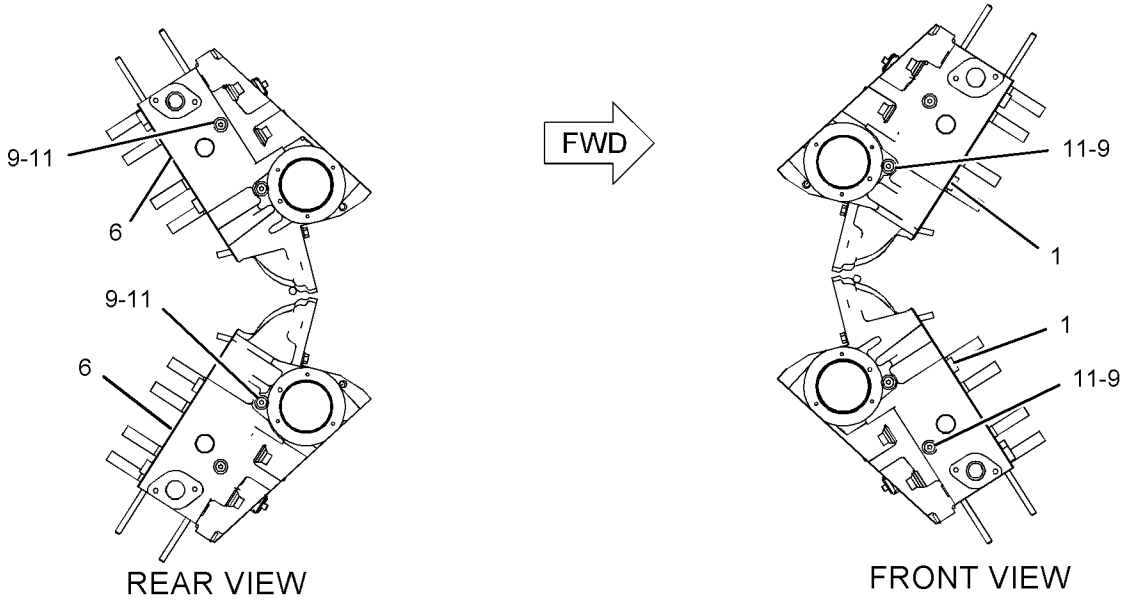
SMCS-1100 **i02897563**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3E-6772**	48	SEAL (WATER)	
	2	1	*6I-4025*	32	FASTENER GP-CYLINDER HEAD	
					(EACH INCLUDES)	
		1	**5H-1504**	1	WASHER-HARD (20X33.5X5-MM THK)	
		1	**124-1855**	1	BOLT-12 POINT HEAD (3/4-16X7.638-IN)	
	3	1	**106-1792**	24	STUD-TAPERLOCK (3/8-16X4-IN)	
	4	1	*106-5673*	20	FASTENER GP-CYLINDER HEAD	
					(EACH INCLUDES)	
		1	**5H-1504**	1	WASHER-HARD (20X33.5X5-MM THK)	
		1	**124-1854**	1	BOLT-12 POINT HEAD (3/4-16X8.5-IN)	
YR	5	1	**223-6431**	2	CYLINDER HEAD GP	66
	6	1	**225-3099**	2	GASKET-CYLINDER HEAD	
	7	1	**248-0036**	26	BOLT-WASHER HEAD (3/8-16X6-IN)	
	9	1	**6V-5049**	10	SEAL-O-RING	
	10	1	**6V-6609**	4	SEAL-O-RING	
	11	1	**9S-8004**	10	PLUG (9/16-18-THD)	
	12	1	**9S-8005**	4	PLUG (3/4-16-THD)	

R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

279-7453 **CYLINDER HEAD GP (**contd.**)** **i02897563**





GRAPHIC #1 <END> g01108895

284-8892 CYLINDER HEAD GP*R

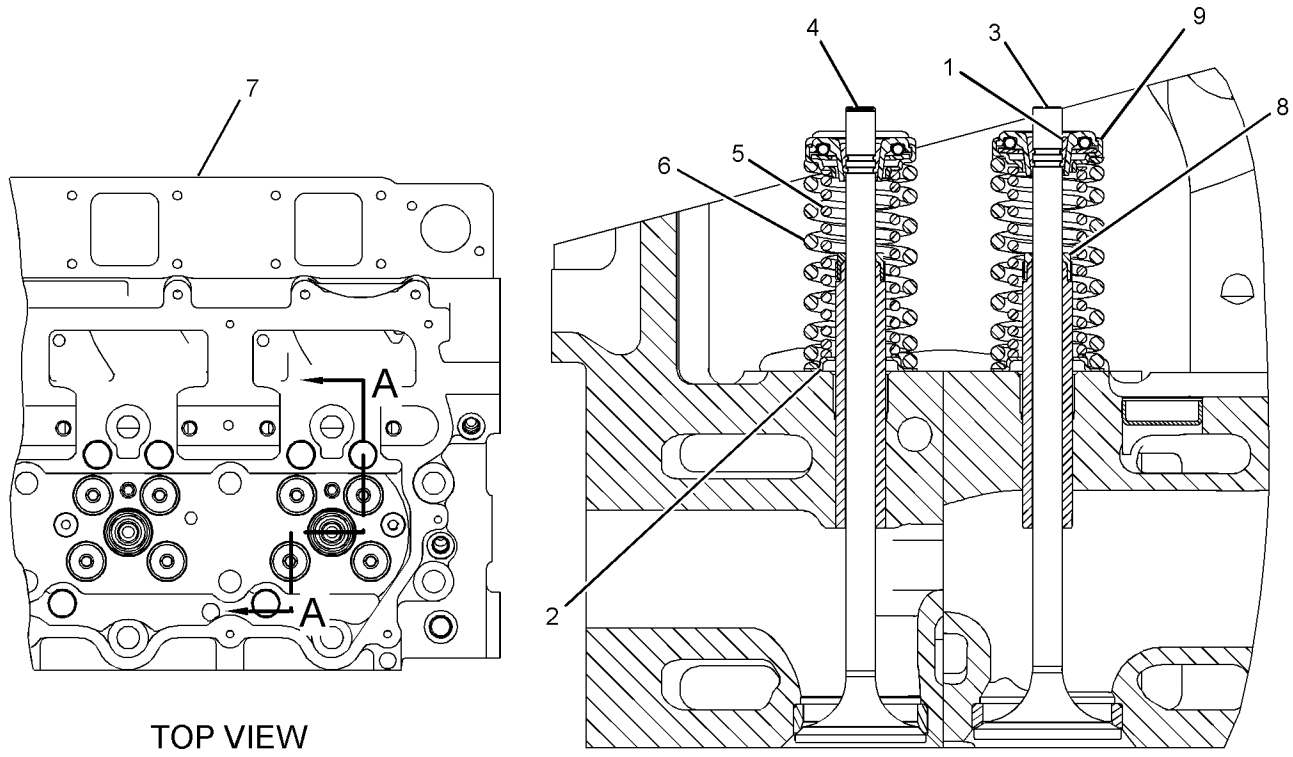
S/N: EHX5459-6103

PART OF 339-3585 CYLINDER HEAD GP

SMCS-1100 **i02834859**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**2A-4429**	48	LOCK-RETAINER	
	2	1	**6I-0928**	24	WASHER-SPECIAL	
	3	1	**153-7023**	12	VALVE-INLET	
	4	1	**153-7024**	12	VALVE-EXHAUST	
	5	1	**211-3122**	24	SPRING-VALVE (INNER)	
	6	1	**247-9908**	24	SPRING-VALVE (OUTER)	
Y	7	1	**284-2787**	1	CYLINDER HEAD AS	58
	8	1	**163-2478**	24	SEAL-VALVE STEM	
	9	1	**186-2001**	24	ROTOCOIL AS	

Y - SEPARATE ILLUSTRATION



TOP VIEW

SECTION A-A

GRAPHIC #1 <END> g01256655

284-8895 CYLINDER HEAD GP

S/N: EHX2921-5458

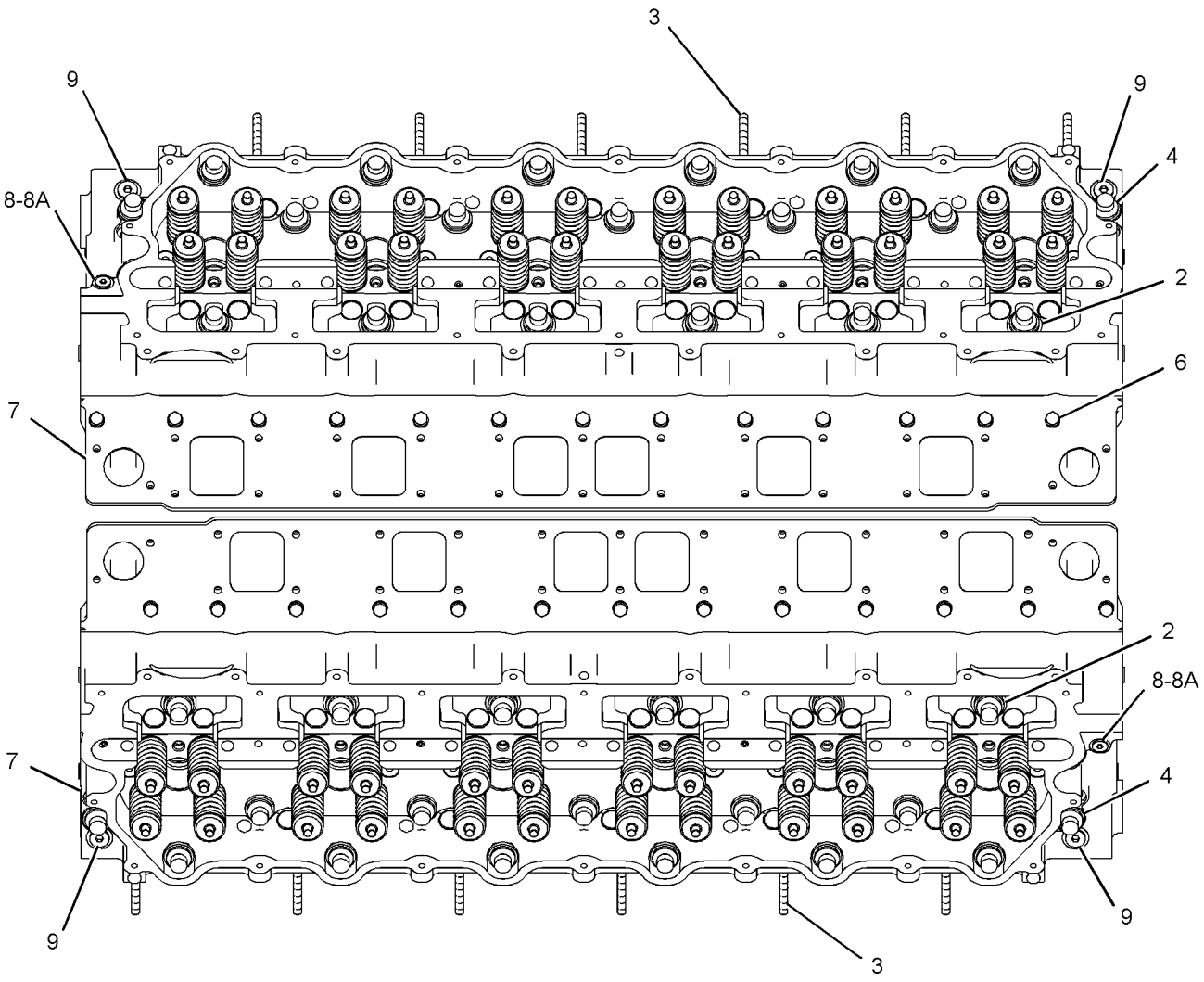
PART OF 262-9144 ENGINE AR-CORE

SMCS-1100 **i07183941**

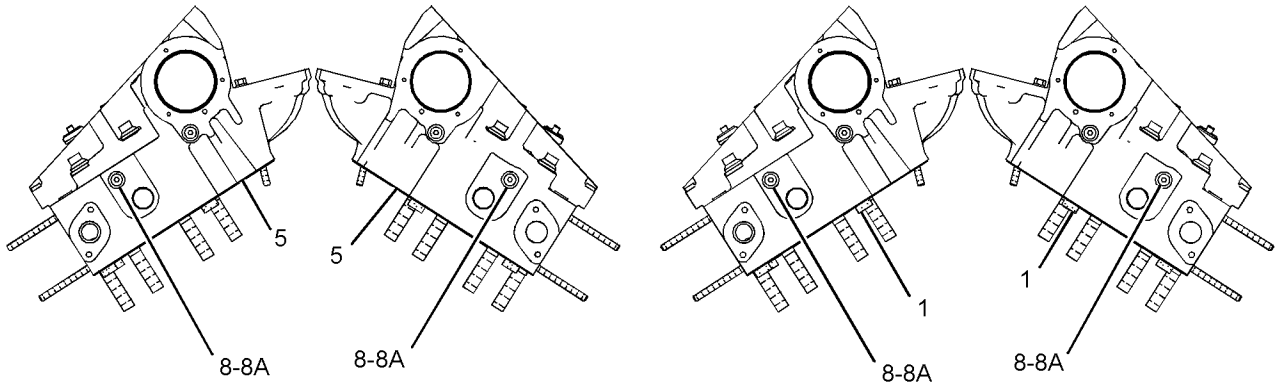
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3E-6772**	48	SEAL (WATER)	
	2	1	*6I-4025*	32	FASTENER GP-CYLINDER HEAD	
					(EACH INCLUDES)	
		1	**5H-1504**	1	WASHER-HARD (20X33.5X5-MM THK)	
		1	**124-1855**	1	BOLT-12 POINT HEAD (3/4-16X7.638-IN)	
	3	1	**106-1792**	24	STUD-TAPERLOCK (3/8-16X4-IN)	
	4	1	*106-5673*	20	FASTENER GP-CYLINDER HEAD	
					(EACH INCLUDES)	
		1	**5H-1504**	1	WASHER-HARD (20X33.5X5-MM THK)	
		1	**124-1854**	1	BOLT-12 POINT HEAD (3/4-16X8.5-IN)	
	5	1	**225-3099**	2	GASKET-CYLINDER HEAD	
	6	1	**248-0036**	26	BOLT-WASHER HEAD (3/8-16X6-IN)	
YR	7	1	**359-0936**	2	CYLINDER HEAD GP	78
	8	1	*183-3407*	10	PLUG AS	
					(EACH INCLUDES)	
		1	**9S-8004**	1	PLUG (9/16-18-THD)	
	8A	1	**214-7568**	1	SEAL-O-RING	
	9	1	*353-5126*	4	PLUG AS	
					(EACH INCLUDES)	
		1	**6V-6609**	1	SEAL-O-RING	
		1	**9S-8005**	1	PLUG (3/4-16-THD)	

R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

284-8895 **CYLINDER HEAD GP** (contd.) **i07183941**



TOP VIEW



REAR VIEW FRONT VIEW

GRAPHIC #1 <END> g02225133

339-3585 CYLINDER HEAD GP

S/N: EHX5459-6103

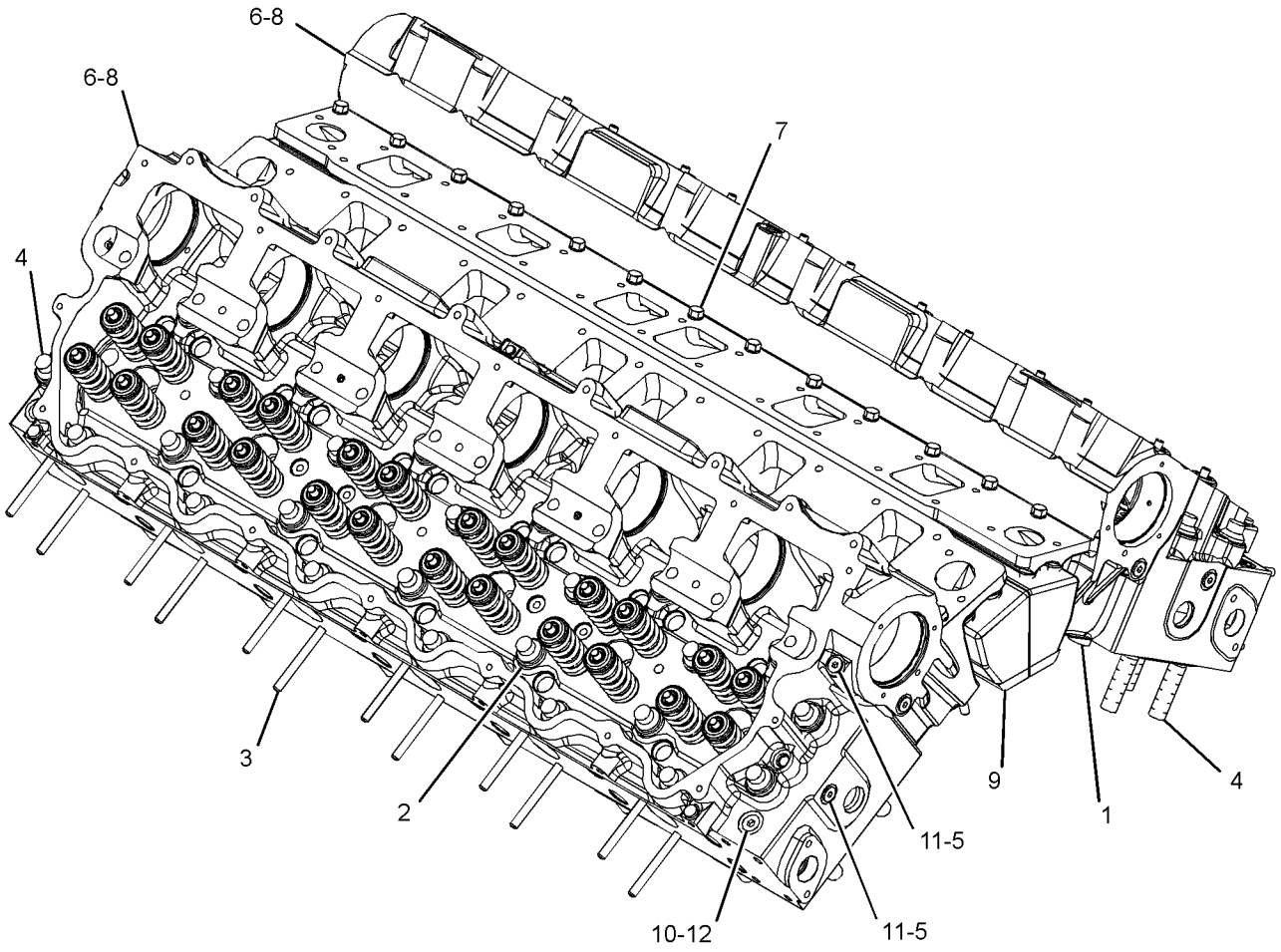
PART OF 262-9144, 350-5499 ENGINE AR-CORE

SMCS-1100 **i03643780**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3E-6772**	48	SEAL (WATER)	
	2	1	*6I-4025*	32	FASTENER GP-CYLINDER HEAD	
					(EACH INCLUDES)	
		1	**5H-1504**	1	WASHER-HARD (20X33.5X5-MM THK)	
		1	**124-1855**	1	BOLT-12 POINT HEAD (3/4-16X7.638-IN)	
	3	1	**106-1792**	24	STUD-TAPERLOCK (3/8-16X4-IN)	
	4	1	*106-5673*	20	FASTENER GP-CYLINDER HEAD	
					(EACH INCLUDES)	
		1	**5H-1504**	1	WASHER-HARD (20X33.5X5-MM THK)	
		1	**124-1854**	1	BOLT-12 POINT HEAD (3/4-16X8.5-IN)	
	5	1	**214-7568**	10	SEAL-O-RING	
	6	1	**225-3099**	2	GASKET-CYLINDER HEAD	
	7	1	**248-0036**	26	BOLT-WASHER HEAD (3/8-16X6-IN)	
YR	8	1	**284-8892**	2	CYLINDER HEAD GP	69
	9	1	**313-5442**	1	PANEL	
	10	1	**6V-6609**	4	SEAL-O-RING	
	11	1	**9S-8004**	10	PLUG (9/16-18-THD)	
	12	1	**9S-8005**	4	PLUG (3/4-16-THD)	

R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

339-3585 **CYLINDER HEAD GP (**contd.**)** **i03643780**



GRAPHIC #1 <END> g01956900

339-3585 CYLINDER HEAD GP

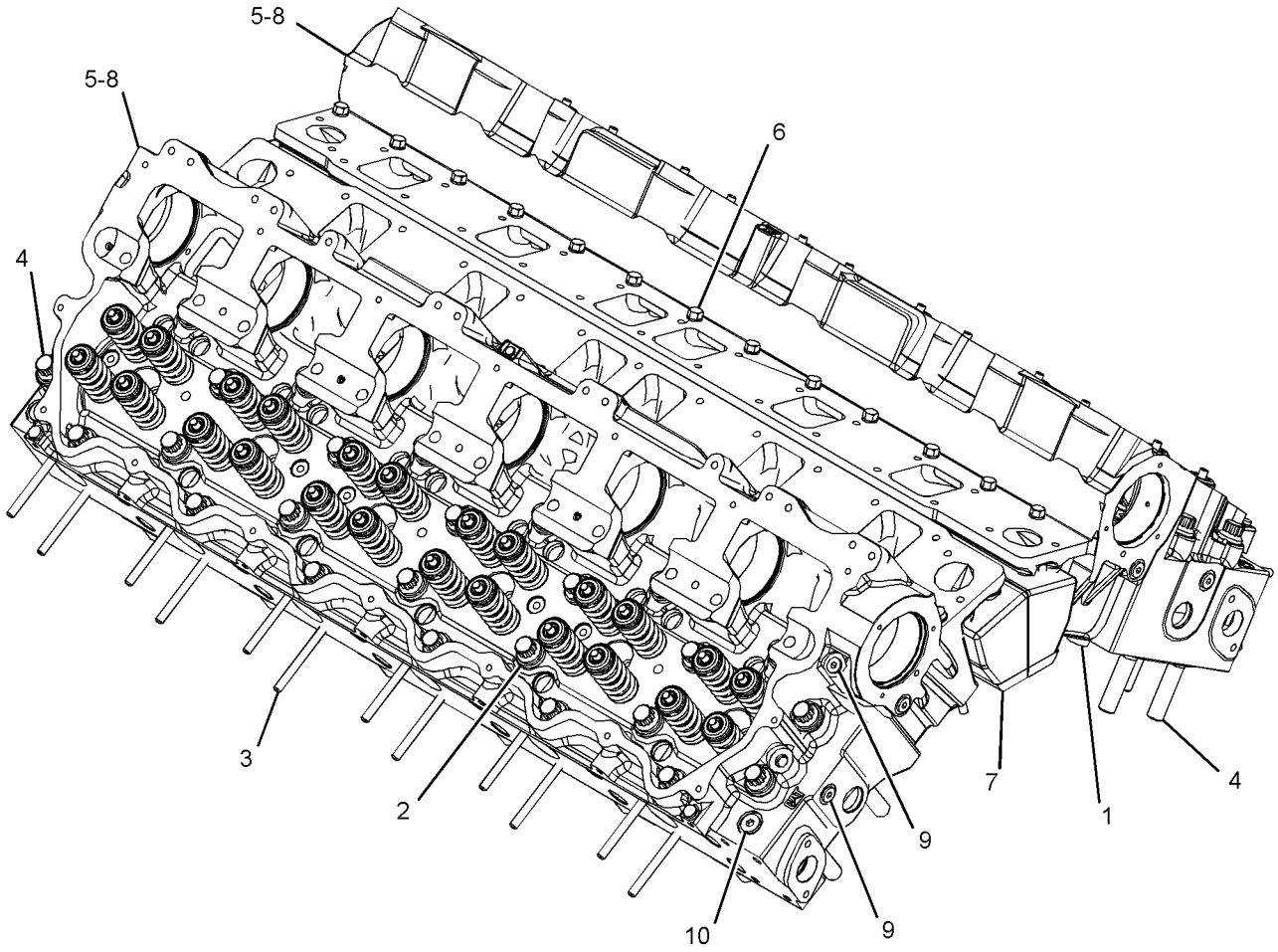
S/N: EHX6104-UP
PART OF 350-5499 ENGINE AR-CORE
TYPE 1

SMCS-1100 **i04262030**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3E-6772**	48	SEAL (WATER)	
	2	1	*6I-4025*	32	FASTENER GP-CYLINDER HEAD	
					(EACH INCLUDES)	
		1	**5H-1504**	1	WASHER-HARD (20X33.5X5-MM THK)	
		1	**124-1855**	1	BOLT-12 POINT HEAD (3/4-16X7.638-IN)	
	3	1	**106-1792**	24	STUD-TAPERLOCK (3/8-16X4-IN)	
	4	1	*106-5673*	20	FASTENER GP-CYLINDER HEAD	
					(EACH INCLUDES)	
		1	**5H-1504**	1	WASHER-HARD (20X33.5X5-MM THK)	
		1	**124-1854**	1	BOLT-12 POINT HEAD (3/4-16X8.5-IN)	
	5	1	**225-3099**	2	GASKET-CYLINDER HEAD	
	6	1	**248-0036**	26	BOLT-WASHER HEAD (3/8-16X6-IN)	
	7	1	**313-5442**	1	PANEL	
CYR	8	1	**359-0936**	2	CYLINDER HEAD GP	78
C	9	1	*183-3407*	10	PLUG AS	
					(EACH INCLUDES)	
		1	**214-7568**	1	SEAL-O-RING	
		1	**9S-8004**	1	PLUG (9/16-18-THD)	
C	10	1	*353-5126*	4	PLUG AS	
					(EACH INCLUDES)	
		1	**6V-6609**	1	SEAL-O-RING	
		1	**9S-8005**	1	PLUG (3/4-16-THD)	

C - CHANGE FROM PREVIOUS TYPE
R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

339-3585 **CYLINDER HEAD GP (**contd.**)** **i04262030**



GRAPHIC #1 <END> g02453087

339-3585 CYLINDER HEAD GP

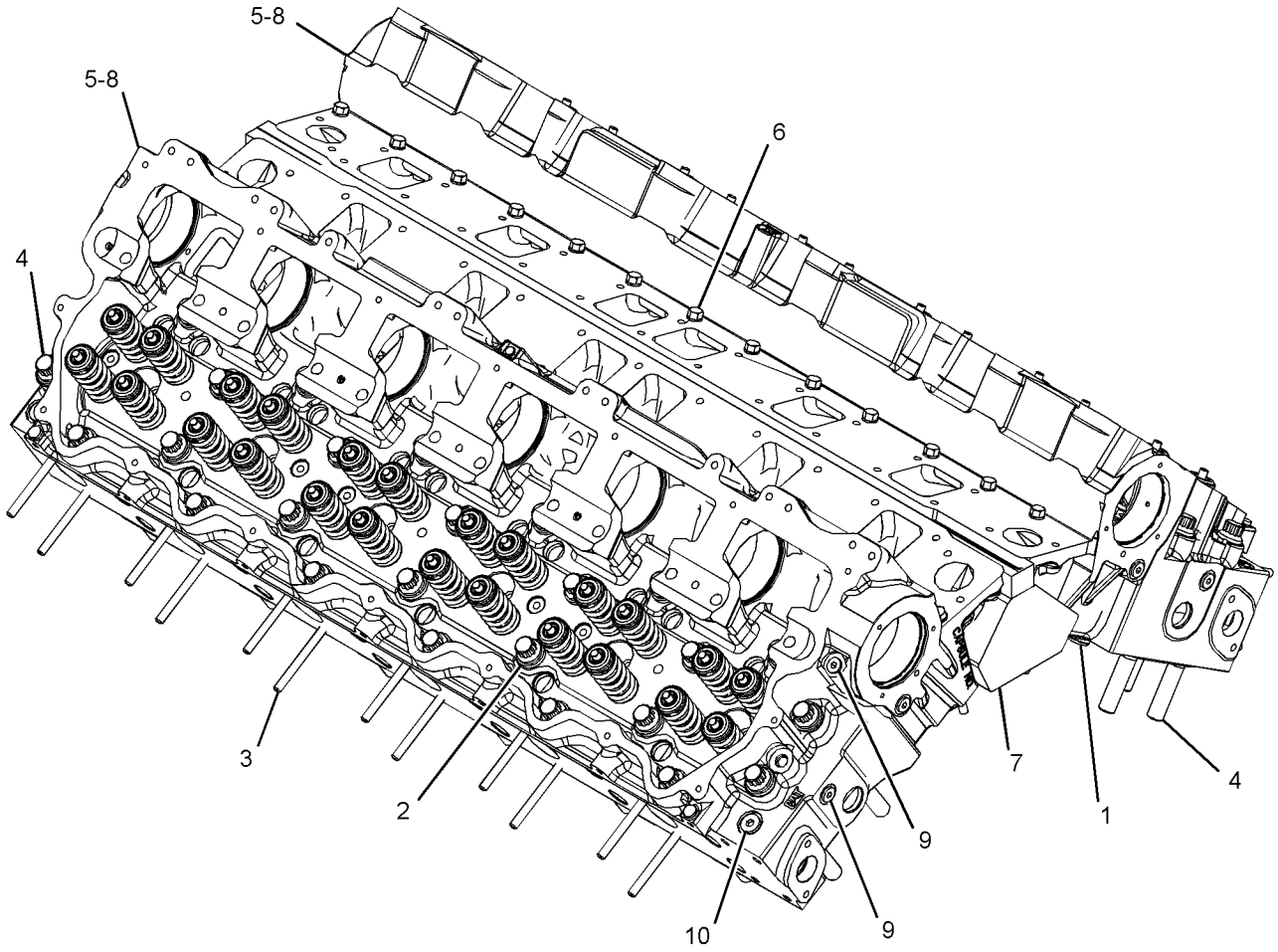
S/N: EHX6104-UP
PART OF 350-5499 ENGINE AR-CORE
TYPE 2

SMCS-1100 **i05700035**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**359-1439**	48	SEAL AS-WATER	
	2	1	*6I-4025*	32	FASTENER GP-CYLINDER HEAD	
					(EACH INCLUDES)	
		1	**5H-1504**	1	WASHER-HARD (20X33.5X5-MM THK)	
		1	**124-1855**	1	BOLT-12 POINT HEAD (3/4-16X7.638-IN)	
	3	1	**106-1792**	24	STUD-TAPERLOCK (3/8-16X4-IN)	
	4	1	*106-5673*	20	FASTENER GP-CYLINDER HEAD	
					(EACH INCLUDES)	
		1	**5H-1504**	1	WASHER-HARD (20X33.5X5-MM THK)	
		1	**124-1854**	1	BOLT-12 POINT HEAD (3/4-16X8.5-IN)	
	5	1	**225-3099**	2	GASKET-CYLINDER HEAD	
	6	1	**248-0036**	26	BOLT-WASHER HEAD (3/8-16X6-IN)	
	7	1	**445-8643**	1	PANEL	
CYR	8	1	**396-8375**	2	CYLINDER HEAD GP	79
	9	1	*183-3407*	10	PLUG AS	
					(EACH INCLUDES)	
		1	**214-7568**	1	SEAL-O-RING	
		1	**9S-8004**	1	PLUG (9/16-18-THD)	
	10	1	*353-5126*	4	PLUG AS	
					(EACH INCLUDES)	
		1	**6V-6609**	1	SEAL-O-RING	
		1	**9S-8005**	1	PLUG (3/4-16-THD)	

C - CHANGE FROM PREVIOUS TYPE
R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

339-3585 **CYLINDER HEAD GP (**contd.**)** **i05700035**



GRAPHIC #1 <END> g03623076

359-0936 CYLINDER HEAD GP*R

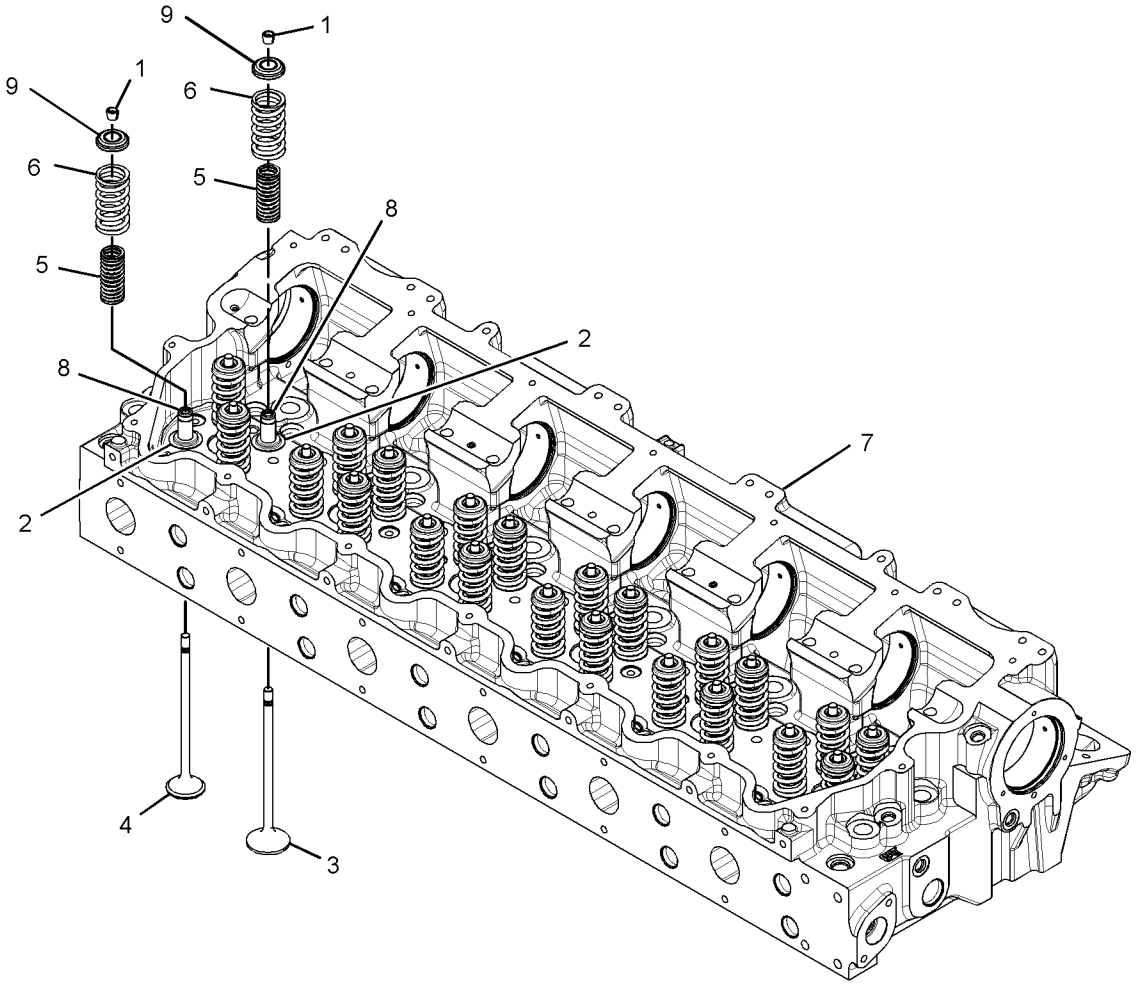
S/N: EHX2921-5458, 6104-UP

PART OF 284-8895, 339-3585 CYLINDER HEAD GP

SMCS-1100 **i06723488**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**2A-4429**	48	LOCK-RETAINER	
	2	1	**6I-0928**	24	WASHER-SPECIAL	
	3	1	**490-7199**	12	VALVE-INLET	
	4	1	**490-7200**	12	VALVE-EXHAUST	
	5	1	**211-3122**	24	SPRING-VALVE (INNER)	
	6	1	**247-9908**	24	SPRING-VALVE (OUTER)	
YR	7	1	**357-7398**	1	CYLINDER HEAD AS	60
	8	1	**163-2478**	24	SEAL-VALVE STEM	
	9	1	**186-2001**	24	ROTOCOIL AS	

R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g02181466

396-8375 CYLINDER HEAD GP*R

S/N: EHX6104-UP

PART OF 339-3585 CYLINDER HEAD GP

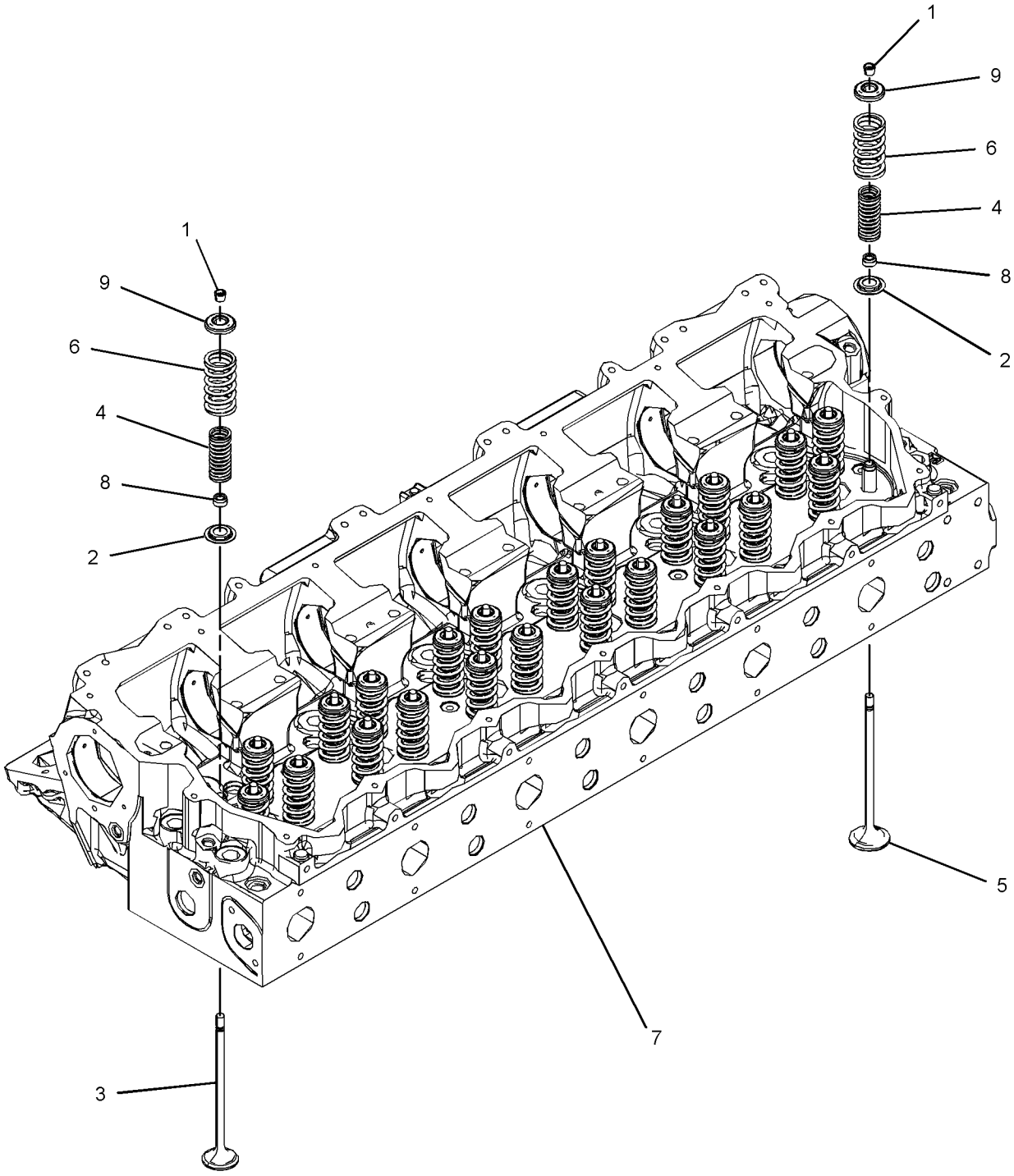
TYPE 1

SMCS-1100 **i04941608**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**2A-4429**	48	LOCK-RETAINER	
	2	1	**6I-0928**	24	WASHER-SPECIAL	
	3	1	**153-7024**	12	VALVE-EXHAUST	
	4	1	**211-3122**	24	SPRING-VALVE	
	5	1	**236-5605**	12	VALVE-INLET	
	6	1	**247-9908**	24	SPRING-VALVE	
Y	7	1	**396-8374**	1	CYLINDER HEAD AS	62
	8	1	**163-2478**	24	SEAL-VALVE STEM	
	9	1	**186-2001**	24	ROTOCOIL AS	

Y - SEPARATE ILLUSTRATION

396-8375 **CYLINDER HEAD GP** (contd.) **i04941608**



GRAPHIC #1 <END> g03148496

396-8375 CYLINDER HEAD GP*R

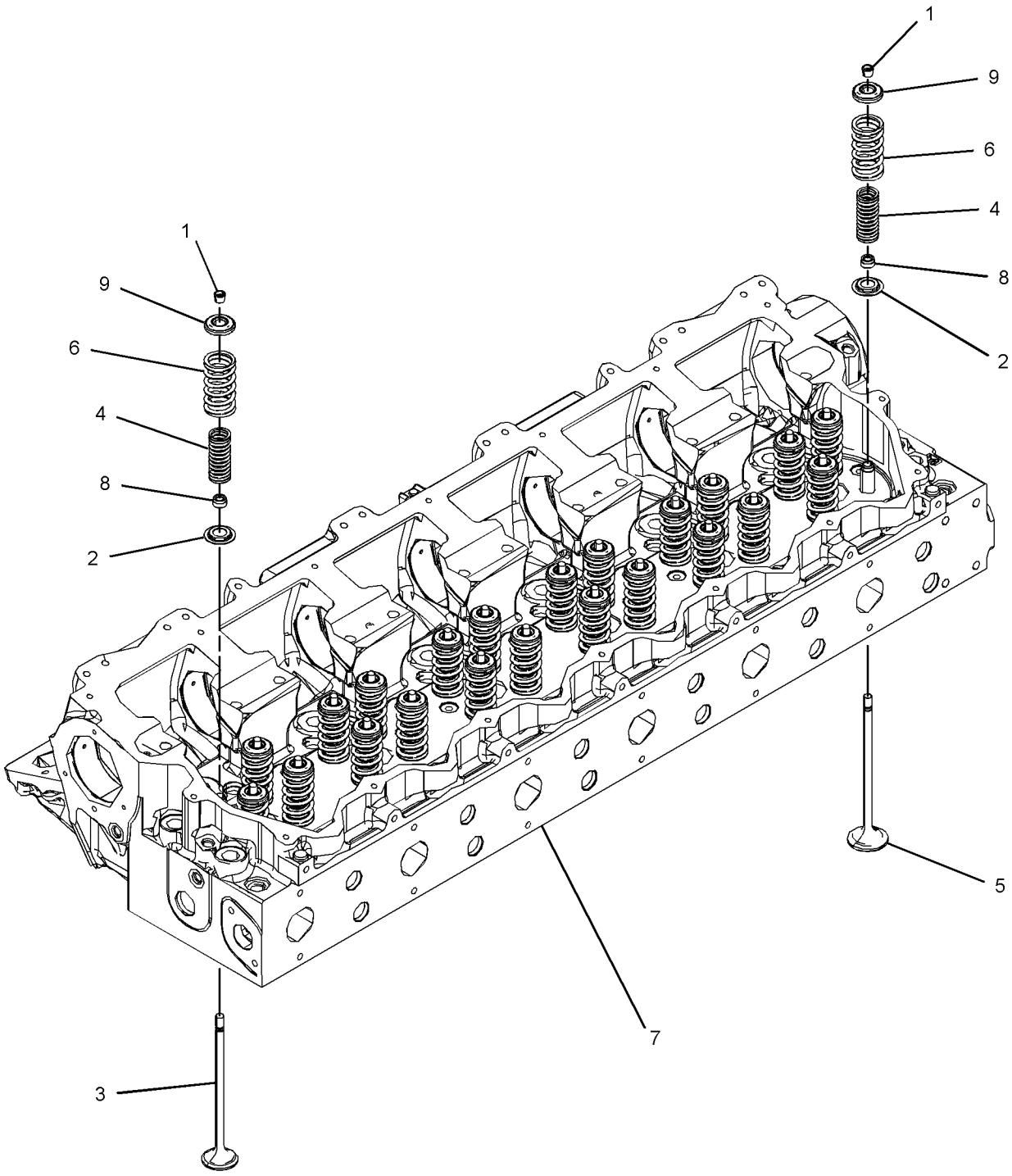
S/N: EHX6104-UP
PART OF 339-3585 CYLINDER HEAD GP
TYPE 2

SMCS-1100 **i06754379**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**2A-4429**	48	LOCK-RETAINER	
	2	1	**6I-0928**	24	WASHER-SPECIAL	
C	3	1	**490-7200**	12	VALVE-EXHAUST	
	4	1	**211-3122**	24	SPRING-VALVE	
C	5	1	**490-7198**	12	VALVE-INLET	
	6	1	**247-9908**	24	SPRING-VALVE	
Y	7	1	**396-8374**	1	CYLINDER HEAD AS	62
	8	1	**163-2478**	24	SEAL-VALVE STEM	
	9	1	**186-2001**	24	ROTOCOIL AS	

C - CHANGE FROM PREVIOUS TYPE
Y - SEPARATE ILLUSTRATION

396-8375 **CYLINDER HEAD GP (**contd.**)** **i06754379**



GRAPHIC #1 <END> g03148496

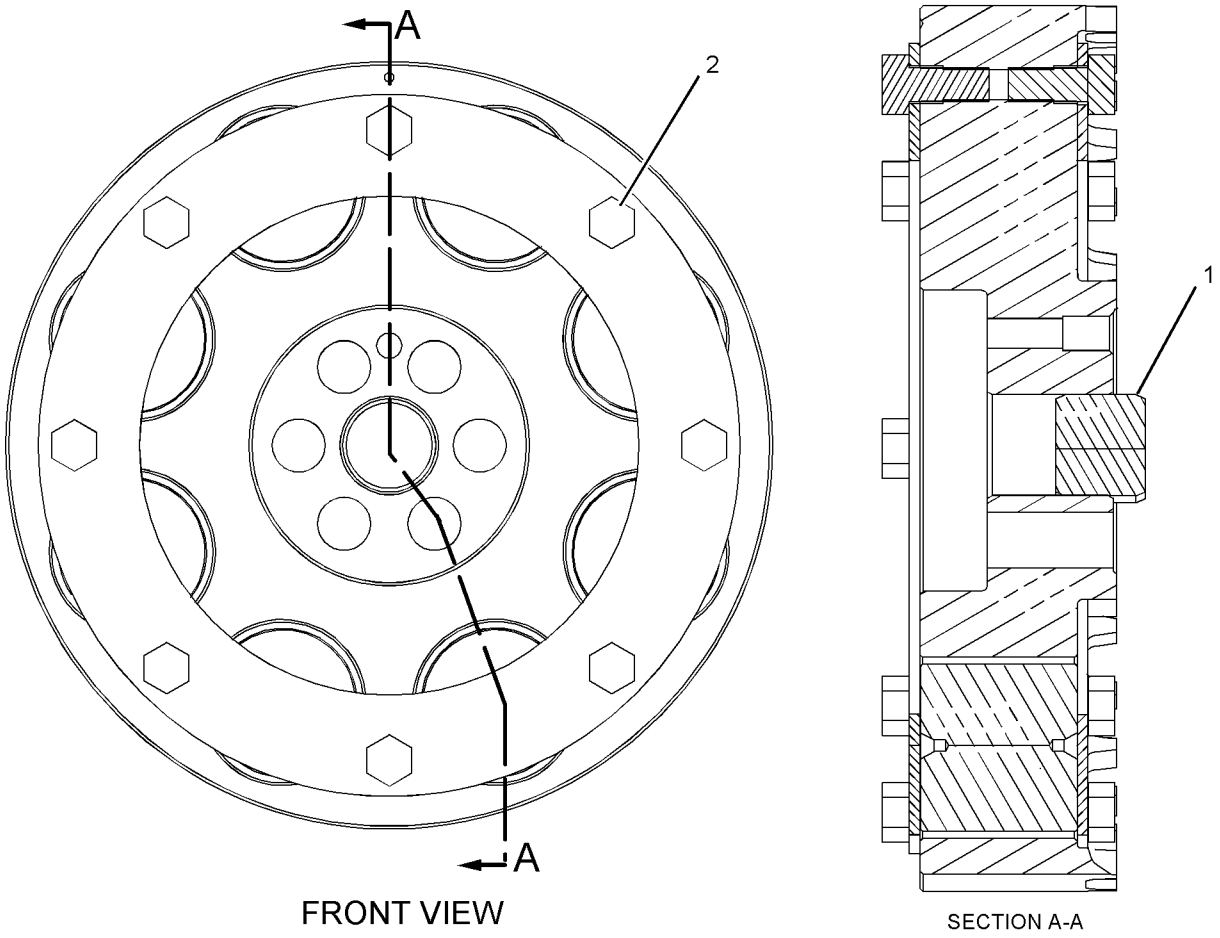
234-1579 DAMPER GP

S/N: EHX1-UP

PART OF 235-0993 GEAR GP-FRONT

SMCS-1205 **i02067224**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**103-0126**	1	DOWEL	
	2	1	**9X-8872**	16	BOLT-LOCKING (3/8-16X0.875-IN)	



FRONT VIEW

SECTION A-A

GRAPHIC #1 <END> g01051809

263-5259 DAMPER GP

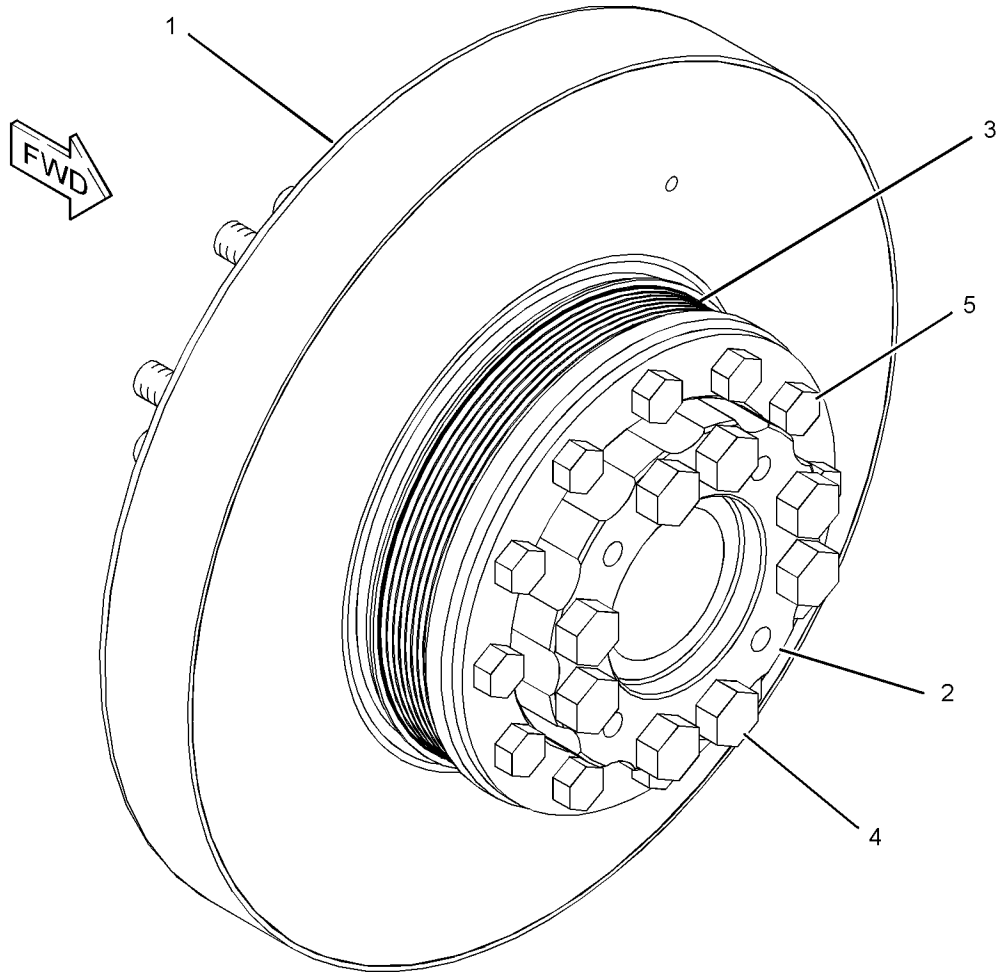
S/N: EHX1-UP

PART OF 217-5670, 271-8633, 360-3755 ENGINE AR-COMPLETE

SMCS-1205 **i03997054**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
R	1	1	**167-8130**	1	DAMPER AS	
	2	1	**257-8731**	1	ADAPTER-DAMPER	
	3	1	**261-8031**	1	PULLEY-CRANKSHAFT (8-GROOVE)	
	4	1	**261-9576**	8	BOLT (5/8-18X9.75-IN)	
	5	1	**1B-2886**	12	BOLT (1/2-13X3.75-IN)	

R - REMANUFACTURED PART MAY BE AVAILABLE



GRAPHIC #1 <END> g01215778

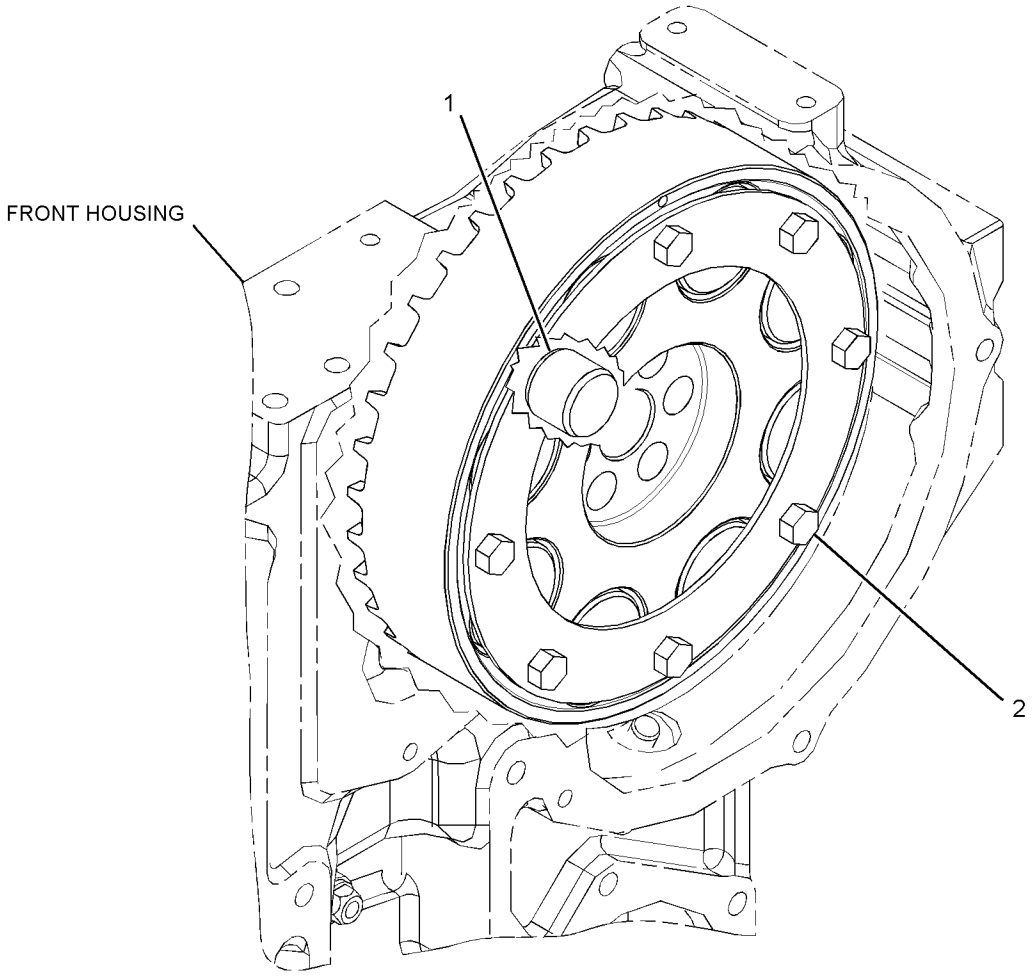
352-7936 DAMPER GP

S/N: EHX6775-UP

PART OF 355-2286 GEAR GP-FRONT

SMCS-1205 **i03875056**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**103-0126**	1	DOWEL	
	2	1	**0S-1571**	8	BOLT (3/8-16X1.75-IN)	



GRAPHIC #1 <END> g02124473

6N-2229 DAMPER GP

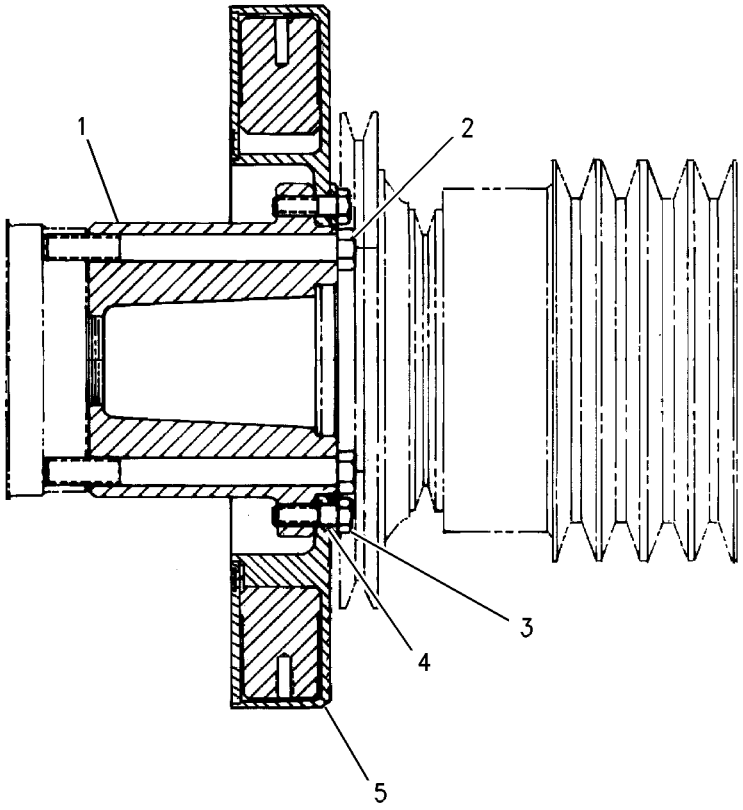
S/N: EHX1-2415

PART OF 217-5670 ENGINE AR-COMPLETE

SMCS-1205 **i01846526**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6N-6037**	1	ADAPTER-DAMPER	
	2	1	**2D-6374**	8	BOLT (5/8-18X6.75-IN)	
	3	1	**0S-1585**	12	BOLT (1/2-13X1.5-IN)	
	4	1	**6N-7654**	1	SPACER (6.312X8.18XO.312-IN THK)	
R	5	1	**167-8130**	1	DAMPER AS	

R - REMANUFACTURED PART MAY BE AVAILABLE



GRAPHIC #1 <END> g00672248

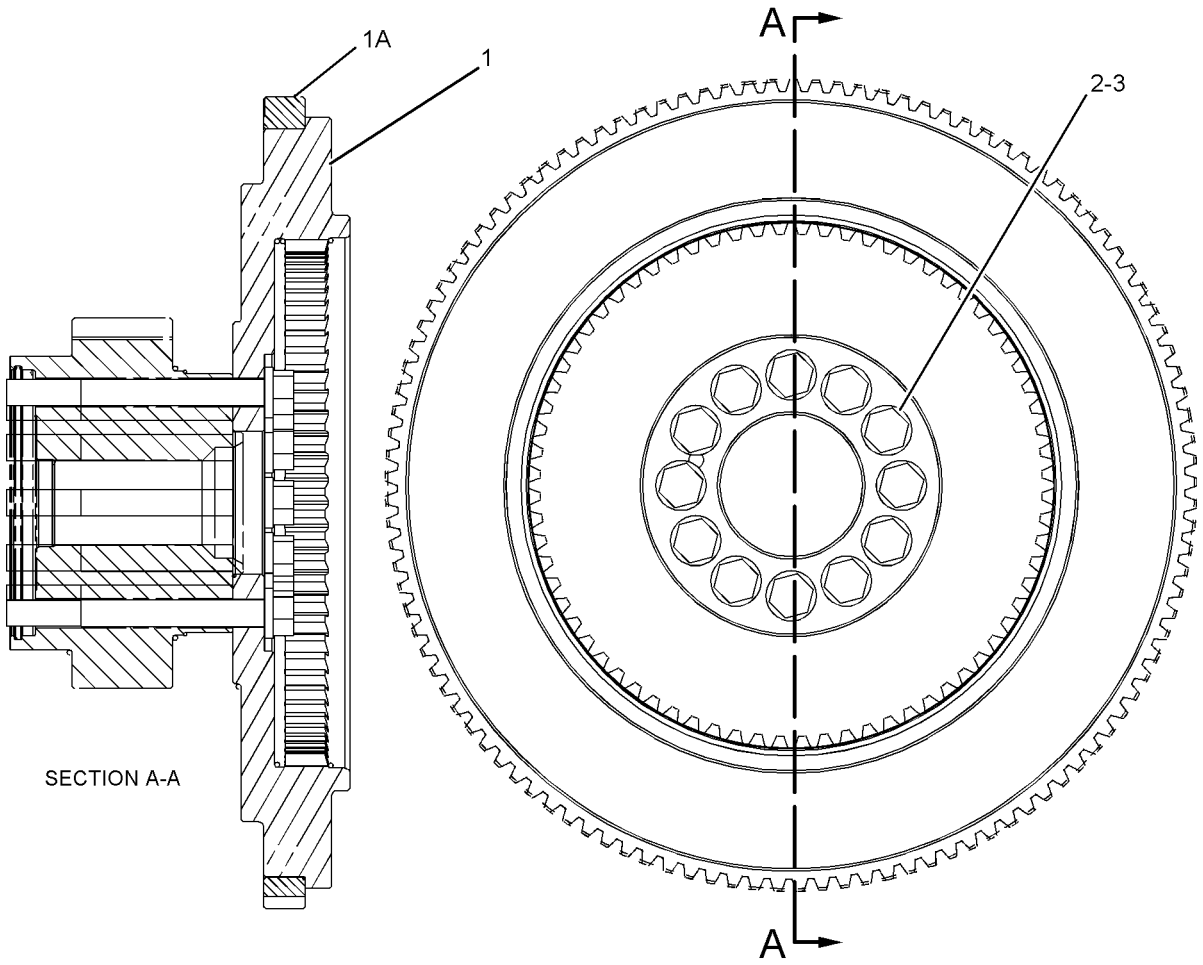
224-3167 FLYWHEEL GP

S/N: EHX1-UP

PART OF 217-5670, 271-8633, 360-3755 ENGINE AR-COMPLETE

SMCS-1156 **i02040949**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**232-3225**	1	FLYWHEEL AS	
	1A	1	**4N-2514**	1	GEAR (113-TEETH)	
	2	1	**156-7439**	12	BOLT (5/8-18X6.25-IN)	
	3	1	**4D-3704**	12	WASHER-HARD (17X30X5-MM THK)	



GRAPHIC #1 <END> g01051234

235-0993 GEAR GP-FRONT

S/N: EHX1-3358

PART OF 231-3701, 262-9144 ENGINE AR-CORE

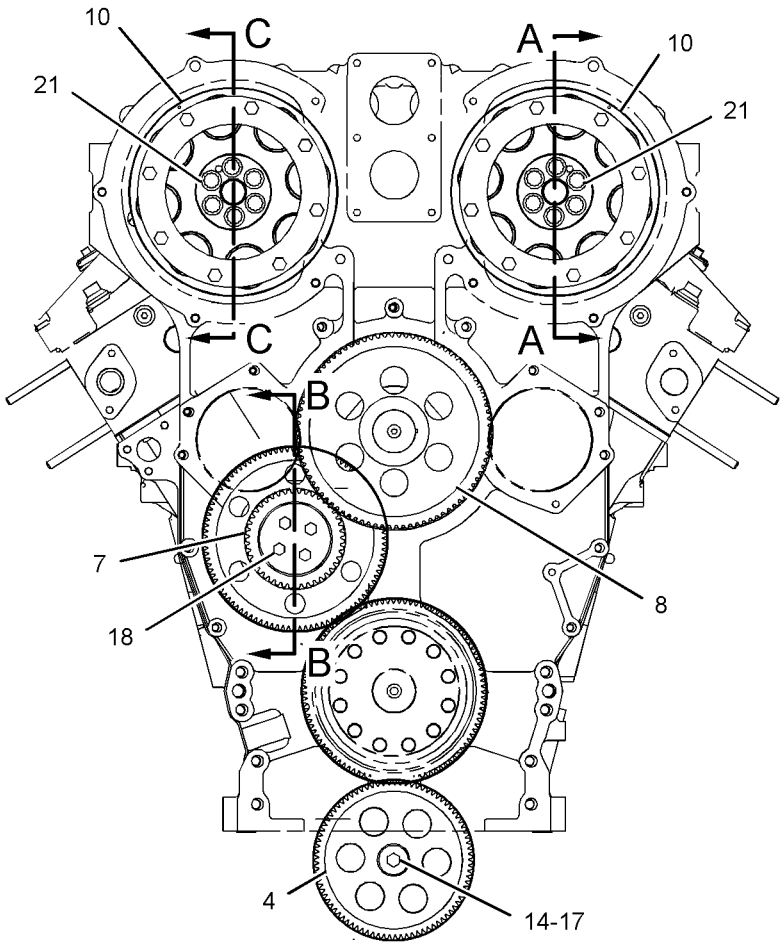
SMCS-1151, 1162, 1206

i02665616

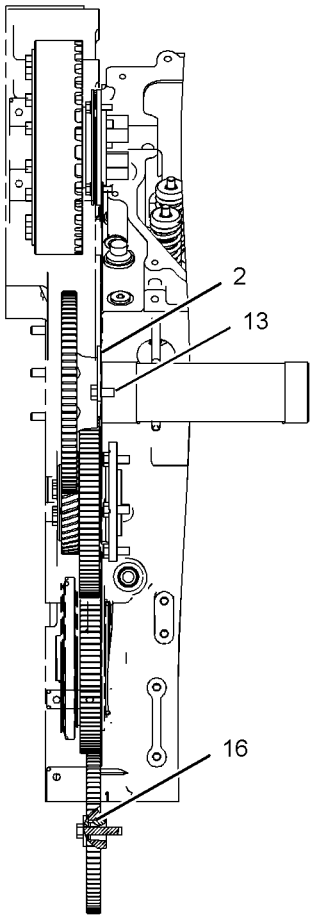
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3G-2292**	5	BOLT-LOCKING (3/8-16X0.87-IN)	
	2	1	**4N-0342**	1	PLATE	
	3	1	**7N-2443**	1	WASHER-THRUST (2.508X3.5X0.188-IN THK)	
	4	1	**109-3416**	1	GEAR (85-TEETH) (OIL PUMP)	
	5	1	**112-9217**	1	PLATE-THRUST	
	6	1	**117-9712**	1	SHAFT-DRIVE IDLER	
	7	1	**271-5656**	1	GEAR AS-IDLER (99/43-TEETH)	
		1	**1B-8705**	1	KEY-WOODRUFF	
		1	**131-7123**	1	BUSHING	
	8	1	**223-9137**	1	GEAR AS (CAMSHAFT)	
		1	**101-3374**	1	GEAR (86-TEETH)	
	9	1	**224-5332**	2	PLATE-SEALING	
Y	10	1	*234-1579*	2	DAMPER GP	83
	11	1	**236-4136**	2	ADAPTER AS	
					(EACH INCLUDES)	
		1	**4N-0684**	2	DOWEL	
	12	1	**031-5085**	6	BOLT-LOCKING (1/4-20X1-IN)	
	13	1	**0S-0509**	2	BOLT (3/8-16X0.75-IN)	
	14	1	**0S-1571**	1	BOLT (3/8-16X1.75-IN)	
	15	1	**117-8801**	2	SEAL-O-RING	
	16	1	**1B-8705**	1	KEY-WOODRUFF	
	17	1	**1P-7346**	1	WASHER-HARD (10.2X35X6-MM THK)	
	18	1	**2B-2695**	4	BOLT (5/16-18X0.875-IN)	
	19	1	**5E-8771**	2	SEAL-O-RING	
	20	1	**5P-0537**	6	WASHER-HARD (7.2X14.5X2-MM THK)	
	21	1	**7K-3116**	12	BOLT-12 POINT HEAD (5/8-11X3.5-IN)	

Y - SEPARATE ILLUSTRATION

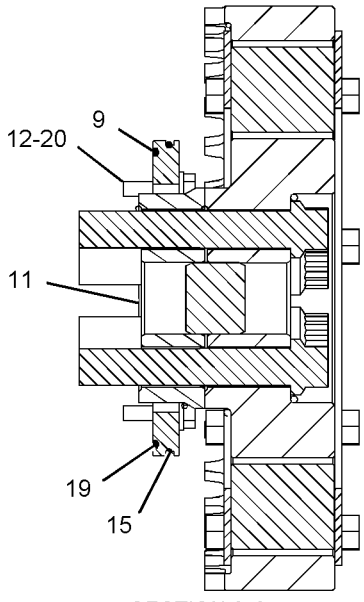
235-0993 **GEAR GP-FRONT (**contd.**)** **i02665616**



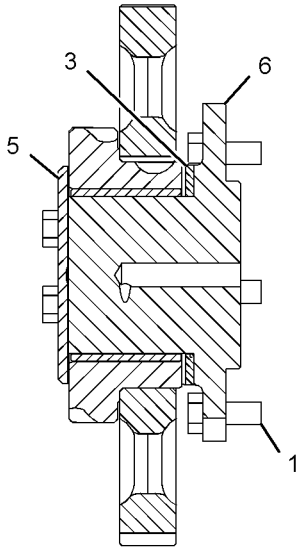
FRONT VIEW



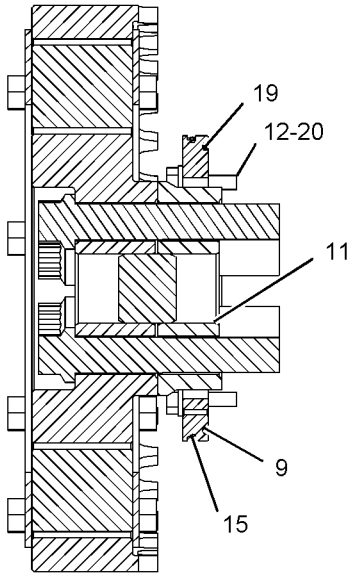
LEFT SIDE VIEW



SECTION A-A



SECTION B-B



SECTION C-C

GRAPHIC #1

<END>

g01051111

235-0993 GEAR GP-FRONT

S/N: EHX3359-6774

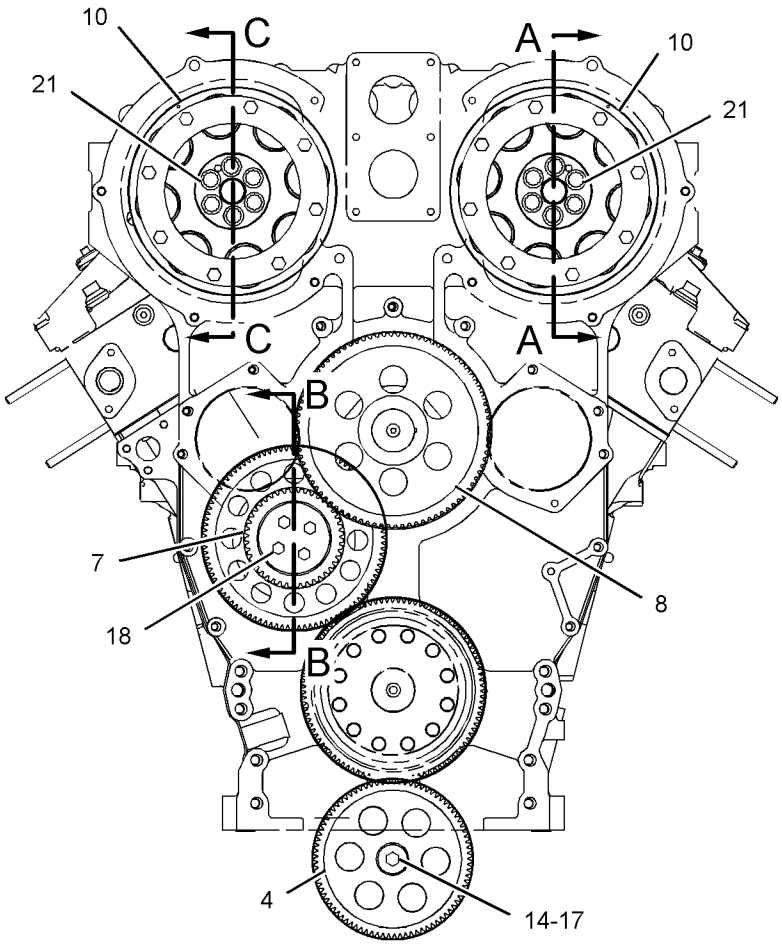
PART OF 262-9144, 350-5499 ENGINE AR-CORE

SMCS-1151, 1162, 1206 **i04431821**

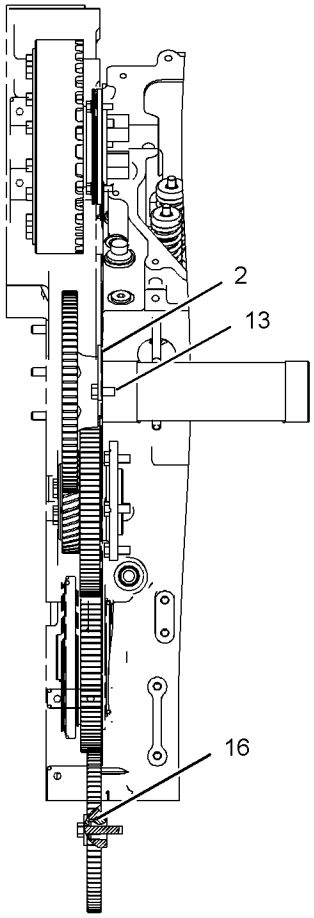
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3G-2292**	5	BOLT-LOCKING (3/8-16X0.87-IN)	
	2	1	**4N-0342**	1	PLATE	
	3	1	**7N-2443**	1	WASHER-THRUST (2.508X3.5X0.188-IN THK)	
	4	1	**109-3416**	1	GEAR (85-TEETH) (OIL PUMP)	
	5	1	**112-9217**	1	PLATE-THRUST	
	6	1	**117-9712**	1	SHAFT-DRIVE IDLER	
C	7	1	**300-5575**	1	GEAR AS-IDLER (99/43-TEETH)	
		1	**1B-8705**	1	KEY-WOODRUFF	
		1	**131-7123**	1	BUSHING	
	8	1	**223-9137**	1	GEAR AS (CAMSHAFT)	
		1	**101-3374**	1	GEAR (86-TEETH)	
	9	1	**224-5332**	2	PLATE-SEALING	
Y	10	1	*234-1579*	2	DAMPER GP	83
	11	1	**236-4136**	2	ADAPTER AS	
					(EACH INCLUDES)	
		1	**4N-0684**	2	DOWEL	
	12	1	**031-5085**	6	BOLT-LOCKING (1/4-20X1-IN)	
	13	1	**0S-0509**	2	BOLT (3/8-16X0.75-IN)	
	14	1	**0S-1571**	1	BOLT (3/8-16X1.75-IN)	
	15	1	**117-8801**	2	SEAL-O-RING	
	16	1	**1B-8705**	1	KEY-WOODRUFF	
	17	1	**1P-7346**	1	WASHER-HARD (10.2X35X6-MM THK)	
	18	1	**2B-2695**	4	BOLT (5/16-18X0.875-IN)	
	19	1	**5E-8771**	2	SEAL-O-RING	
	20	1	**5P-0537**	6	WASHER-HARD (7.2X14.5X2-MM THK)	
	21	1	**7K-3116**	12	BOLT-12 POINT HEAD (5/8-11X3.5-IN)	

C - CHANGE FROM PREVIOUS TYPE
Y - SEPARATE ILLUSTRATION

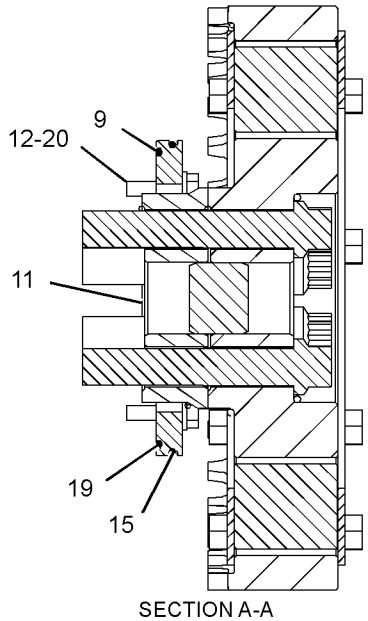
235-0993 **GEAR GP-FRONT (**contd.**)** **i04431821**



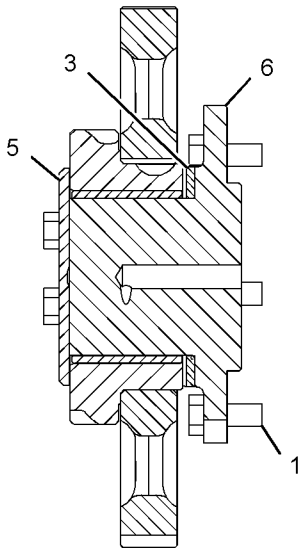
FRONT VIEW



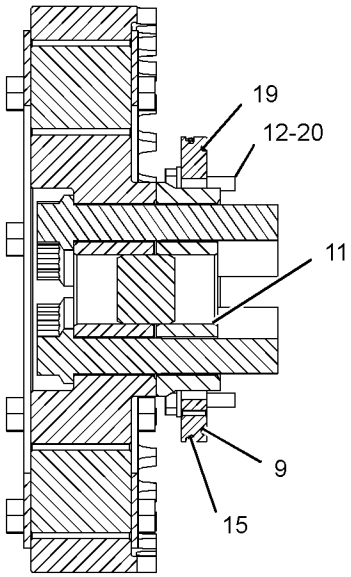
LEFT SIDE VIEW



SECTION A-A



SECTION B-B



SECTION C-C

GRAPHIC #1 <END> g01365739

355-2286 GEAR GP-FRONT

S/N: EHX6775-UP

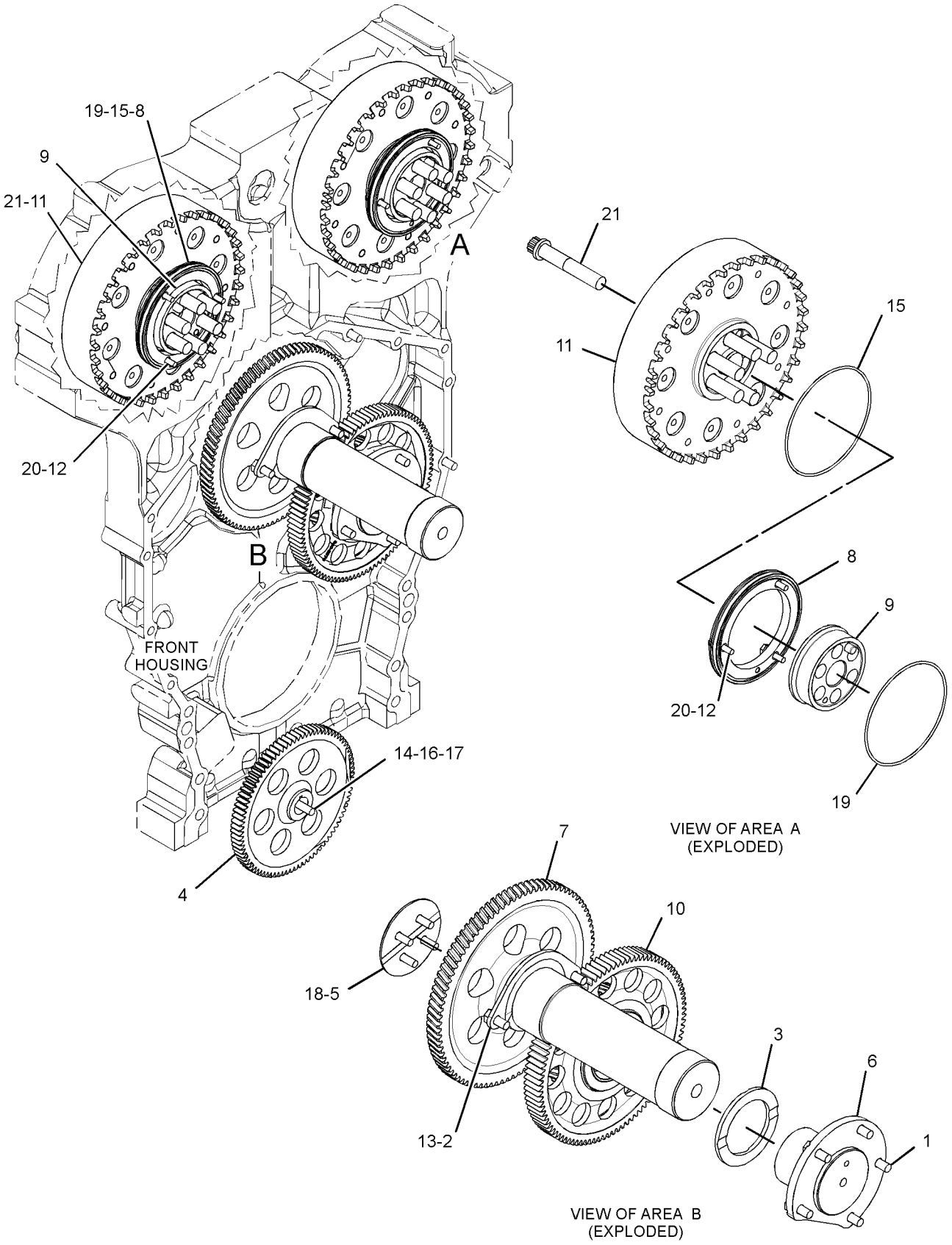
PART OF 350-5499 ENGINE AR-CORE

SMCS-1151, 1162, 1206 **i06850651**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3G-2292**	5	BOLT-LOCKING (3/8-16X0.87-IN)	
	2	1	**4N-0342**	1	PLATE	
	3	1	**7N-2443**	1	WASHER-THRUST (2.508X3.5X0.188-IN THK)	
	4	1	**109-3416**	1	GEAR (85-TEETH)	
	5	1	**112-9217**	1	PLATE-THRUST	
	6	1	**117-9712**	1	SHAFT-DRIVE IDLER	
	7	1	**223-9137**	1	GEAR AS	
		1	**101-3374**	1	GEAR (86-TEETH)	
	8	1	**475-5915**	2	PLATE-SEALING	
	9	1	**236-4136**	2	ADAPTER AS	
					(EACH INCLUDES)	
		1	**4N-0684**	2	DOWEL	
	10	1	**300-5575**	1	GEAR AS-IDLER (99/43-TEETH)	
		1	**1B-8705**	1	KEY-WOODRUFF	
		1	**131-7123**	1	BUSHING	
Y	11	1	**352-7936**	2	DAMPER GP	85
	12	1	**031-5085**	6	BOLT-LOCKING (1/4-20X1-IN)	
	13	1	**0S-0509**	2	BOLT (3/8-16X0.75-IN)	
	14	1	**0S-1571**	1	BOLT (3/8-16X1.75-IN)	
	15	1	**117-8801**	2	SEAL-O-RING	
	16	1	**1B-8705**	1	KEY-WOODRUFF	
	17	1	**1P-7346**	1	WASHER-HARD (10.2X35X6-MM THK)	
	18	1	**2B-2695**	4	BOLT (5/16-18X0.875-IN)	
	19	1	**5E-8771**	2	SEAL-O-RING	
	20	1	**5P-0537**	6	WASHER-HARD (7.2X14.5X2-MM THK)	
	21	1	**7K-3116**	12	BOLT-12 POINT HEAD (5/8-11X3.5-IN)	

Y - SEPARATE ILLUSTRATION

355-2286 **GEAR GP-FRONT (**contd.**)** **i06850651**



GRAPHIC #1 <END> g02124554

217-5688 GEAR GP-REAR

S/N: EHX1-2415

PART OF 217-5670 ENGINE AR-COMPLETE

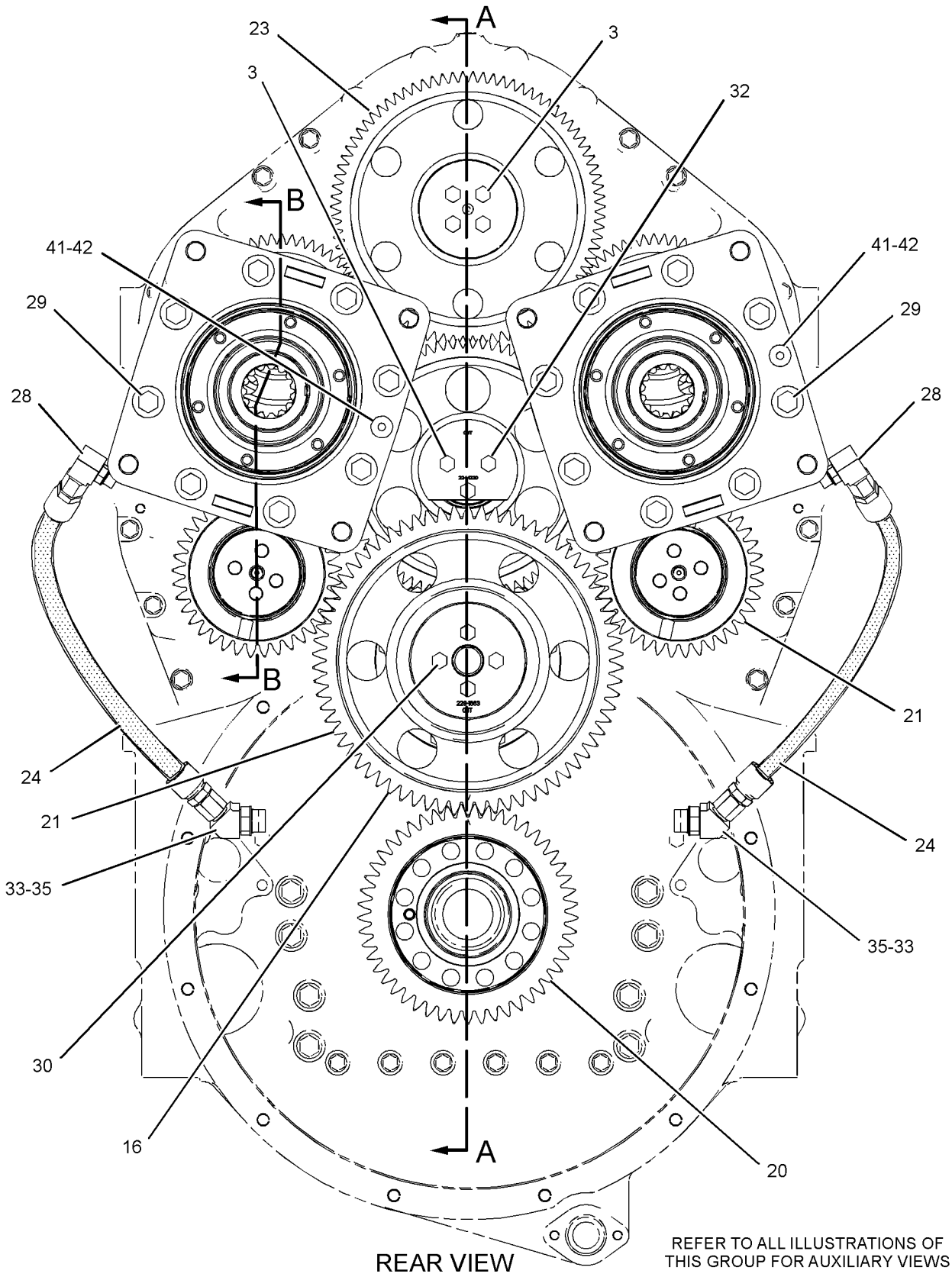
SMCS-1204 **i07183940**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**4N-0848**	1	SLEEVE-WEAR	
	2	2	**4P-4943**	2	RING-RETAINING	
	3	1	**5B-0213**	6	BOLT (3/8-16X2.375-IN)	
	4	2	**5F-7403**	2	LOCKWASHER	
	5	2	**5F-7404**	2	LOCKNUT-BEARING	
	6	2	**6V-7725**	2	BEARING AS-ROLLER	
	7	2	**102-5861**	2	PLATE-THRUST	
	8	2	**185-1497**	1	GEAR AS-IDLER (79-TEETH)	
		2	**222-3916**	1	GEAR-IDLER (79 TEETH)	
		2	**224-9664**	1	BUSHING	
	9	2	**224-1219**	1	SHAFT-STUB	
	10	2	**224-1220**	1	PLATE	
	11	2	**224-1221**	1	SHAFT-STUB	
	12	2	**224-1223**	2	GEAR AS-CAMSHAFT	
					(EACH INCLUDES)	
		2	**9N-0575**	1	DOWEL	
	13	2	**224-5332**	2	PLATE-SEALING	
	14	2	**224-9657**	2	ADAPTER AS	
					(EACH INCLUDES)	
		2	**4N-0684**	1	DOWEL	
	15	2	**226-6035**	2	GEAR-HYDRAULIC PUMP DRIVE (15-TEETH)	
	16	1	**226-6036**	1	GEAR AS-IDLER (40/70-TEETH)	
		1	**1B-8705**	1	KEY-WOODRUFF	
		1	**224-3256**	1	GEAR-IDLER (70 TEETH)	
		1	**226-6037**	1	GEAR-IDLER (40 TEETH)	
		1	**226-6052**	1	BUSHING	
	17	2	**260-6667**	2	SHAFT-STUB	
	18	2	**227-0159**	1	SHAFT-STUB	
	19	2	**227-0175**	2	ADAPTER	
	20	1	**228-5813**	1	GEAR AS-CRANKSHAFT (49-TEETH)	
		1	**4N-0684**	1	DOWEL	
	21	1	**228-5814**	2	GEAR AS-IDLER (37-TEETH)	
					(EACH INCLUDES)	
		1	**209-8621**	1	BEARING	
	22	2	**229-1663**	1	PLATE-THRUST	
	23	1	**230-6202**	1	GEAR AS-IDLER (70/83-TEETH) (70/83 TEETH)	
		1	**209-8622**	1	BUSHING	
	24	1	**247-3837**	2	HOSE AS	
	25	2	**031-5085**	6	BOLT-LOCKING (1/4-20X1-IN)	
	26	2	**107-6280**	2	SEAL-O-RING	
	27	2	**117-8801**	2	SEAL-O-RING	
	28	1	*165-4928*	2	ELBOW AS	
					(EACH INCLUDES)	
		1	**3J-1907**	1	SEAL-O-RING	
		1	**4K-6297**	1	ELBOW	
	29	1	**1A-1460**	16	BOLT (1/2-13X2-IN)	
	30	1	**1A-2029**	4	BOLT (3/8-16X1.125-IN)	
	31	2	**1T-0416**	12	BOLT (5/16-18X0.75-IN)	

217-5688 **GEAR GP-REAR (**contd.**)** **i07183940**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	32	1	**245-3804**	1	BOLT (3/8-16X3.5-IN)	
	33	1	**2M-9780**	2	SEAL-O-RING	
	34	2	**5E-8771**	2	SEAL-O-RING	
	35	1	**5P-4318**	2	ELBOW	
	36	2	**5P-8429**	2	SEAL-O-RING	
	37	2	**6J-3913**	12	BOLT-12 POINT HEAD (5/8-11X3.25-IN)	
	38	2	**6V-3319**	1	SEAL-O-RING	
	39	2	**7B-3235**	8	BOLT (1/2-13X1.375-IN)	
	40	2	**7K-6058**	12	BOLT-12 POINT HEAD (1/2-13X2.5-IN)	
	41	1	**5P-0537**	2	WASHER-HARD (7.2X14.5X2-MM THK)	
	42	1	**1B-2713**	2	BOLT (1/4-20X1.75-IN)	

217-5688 **GEAR GP-REAR (**contd.**)** **i07183940**



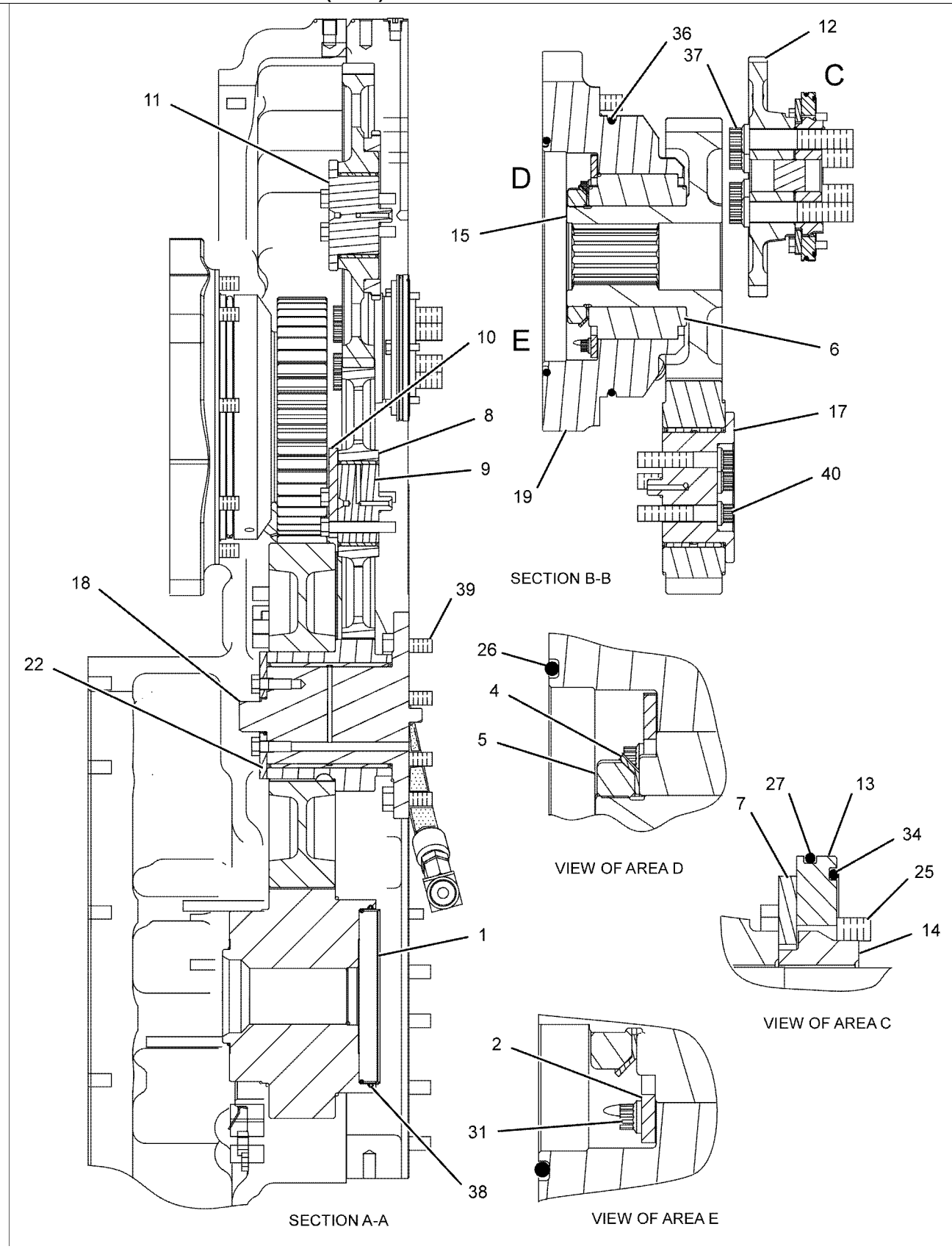
REAR VIEW

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

GRAPHIC #1

g01188088

217-5688 **GEAR GP-REAR (**contd.**)** **i07183940**



GRAPHIC #2 <END> g01051448

263-2941 GEAR GP-REAR

S/N: EHX1-UP

PART OF 217-5670, 271-8633, 360-3755 ENGINE AR-COMPLETE

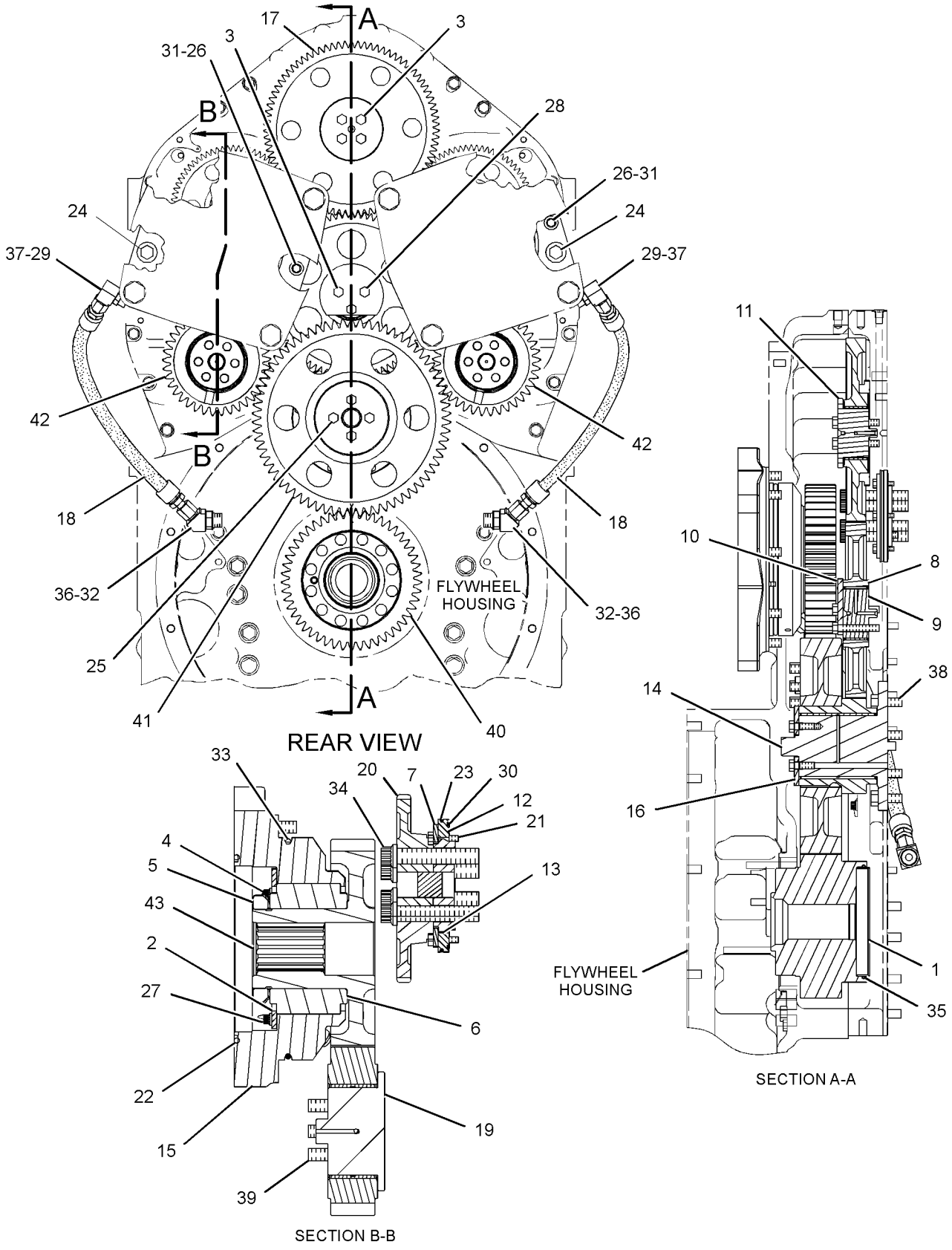
SMCS-1204 **i03646421**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4N-0848**	1	SLEEVE-WEAR	
	2	1	**4P-4943**	2	RING-RETAINING	
	3	1	**5B-0213**	6	BOLT (3/8-16X2.375-IN)	
	4	1	**5F-7403**	2	LOCKWASHER	
	5	1	**5F-7404**	2	LOCKNUT-BEARING	
	6	1	**6V-7725**	2	BEARING AS-ROLLER	
	7	1	**102-5861**	2	PLATE-THRUST	
	8	1	**185-1497**	1	GEAR AS-IDLER (79-TEETH)	
		1	**224-9664**	1	BUSHING	
	9	1	**224-1219**	1	SHAFT-STUB	
	10	1	**224-1220**	1	PLATE	
	11	1	**224-1221**	1	SHAFT-STUB	
	12	1	**224-5332**	2	PLATE-SEALING	
	13	1	**224-9657**	2	ADAPTER AS	
					(EACH INCLUDES)	
		1	**4N-0684**	1	DOWEL	
	14	1	**227-0159**	1	SHAFT-STUB	
	15	1	**227-0175**	2	ADAPTER (PTO)	
	16	1	**229-1663**	1	PLATE-THRUST	
	17	1	**230-6202**	1	GEAR AS-IDLER (70/83-TEETH)	
		1	**224-9664**	1	BUSHING	
	18	1	**247-3837**	2	HOSE AS	
	19	1	**260-6667**	2	SHAFT-STUB	
	20	1	**331-6188**	2	GEAR AS-CAMSHAFT (56-TEETH)	
	21	1	**031-5085**	6	BOLT-LOCKING (1/4-20X1-IN)	
	22	1	**109-7411**	2	SEAL-O-RING	
	23	1	**117-8801**	2	SEAL-O-RING	
	24	1	**1A-1460**	16	BOLT (1/2-13X2-IN)	
	25	1	**1A-2029**	4	BOLT (3/8-16X1.125-IN)	
	26	1	**1B-2713**	2	BOLT (1/4-20X1.75-IN)	
	27	1	**1T-0416**	12	BOLT (5/16-18X0.75-IN)	
	28	1	**245-3804**	1	BOLT (3/8-16X3.5-IN)	
	29	1	**297-7956**	2	ELBOW (INCLUDES SCREEN FILTER)	
	30	1	**5E-8771**	2	SEAL-O-RING	
	31	1	**5P-0537**	2	WASHER-HARD (7.2X14.5X2-MM THK)	
	32	1	**5P-4318**	2	ELBOW	
	33	1	**5P-8429**	2	SEAL-O-RING	
	34	1	**6J-3913**	12	BOLT-12 POINT HEAD (5/8-11X3.25-IN)	
	35	1	**6V-3319**	1	SEAL-O-RING	
	36	1	**6V-4589**	2	SEAL-O-RING	
	37	1	**6V-5049**	2	SEAL-O-RING	
	38	1	**7B-3235**	8	BOLT (1/2-13X1.375-IN)	
	39	1	**7K-6058**	12	BOLT-12 POINT HEAD (1/2-13X2.5-IN)	
	40	1	**261-3441**	1	GEAR AS-CRANKSHAFT (49-TEETH)	
		1	**4N-0684**	1	DOWEL	
	41	1	**261-3443**	1	GEAR AS-IDLER (40/70-TEETH)	
		1	**1B-8705**	1	KEY-WOODRUFF	

263-2941 **GEAR GP-REAR (**contd.**)** **i03646421**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		1	**226-6052**	1	BUSHING	
	42	1	**261-3445**	2	GEAR AS-IDLER (37-TEETH)	
					(EACH INCLUDES)	
		1	**209-8621**	1	BEARING	
	43	1	**261-3447**	2	GEAR-PUMP (15-TEETH)	

263-2941 **GEAR GP-REAR** (contd.) **i03646421**



GRAPHIC #1 <END> g01215549

217-5685 HOUSING GP-FLYWHEEL

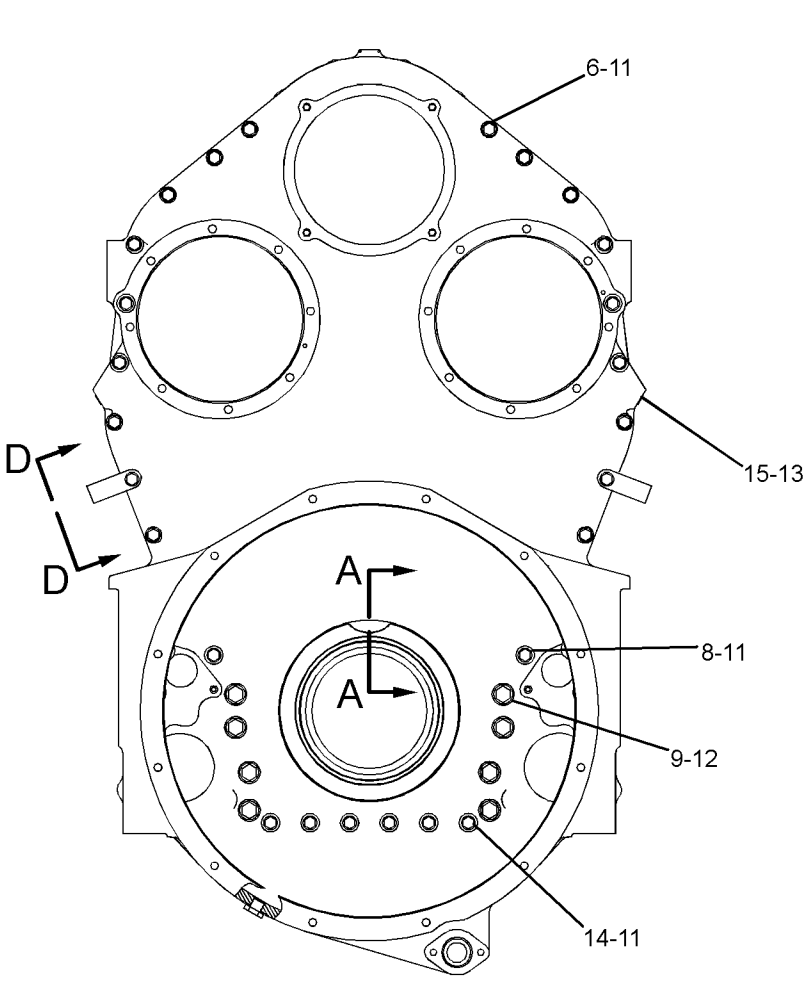
S/N: EHX1-UP

PART OF 217-5670 ENGINE AR-COMPLETE

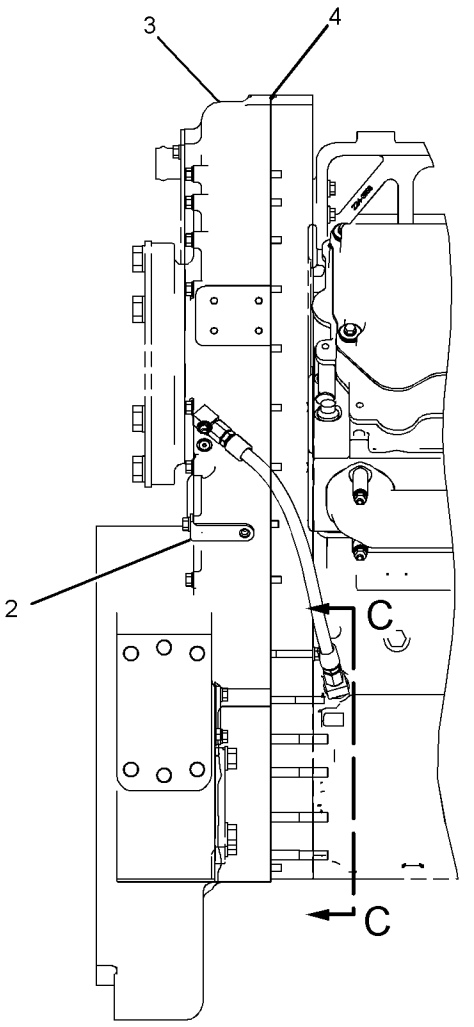
SMCS-1157 **i02456455**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**142-5868**	1	SEAL-CRANKSHAFT	
	2	1	**160-0564**	2	BRACKET AS	
	3	1	**217-5686**	1	HOUSING AS-FLYWHEEL	
		1	**1W-3136**	1	BAFFLE	
	4	1	**225-1242**	1	GASKET	
	5	1	**0S-1619**	2	BOLT (3/8-16X3-IN)	
	6	1	**1A-5183**	18	BOLT (3/8-16X4.75-IN)	
	7	1	**1J-9671**	2	SEAL-O-RING	
	8	1	**231-4470**	2	BOLT (3/8-16X6.25-IN) (3/8-16-THD)	
	9	1	**231-4471**	8	BOLT (1/2-13X6.25-IN) (1/2-13-THD)	
	10	1	**3K-8460**	2	PLUG (1/2-20-THD)	
	11	1	**5M-2894**	28	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	12	1	**5P-8245**	8	WASHER-HARD (13.5X25.5X3-MM THK)	
	13	1	**6V-5048**	2	SEAL-O-RING	
	14	1	**8S-9191**	6	BOLT (3/8-16X4-IN)	
	15	1	**9S-8002**	2	PLUG (7/16-20-THD)	

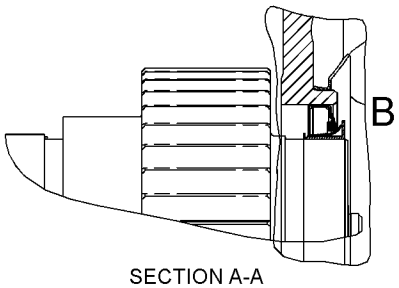
217-5685 **HOUSING GP-FLYWHEEL (**contd.**)** **i02456455**



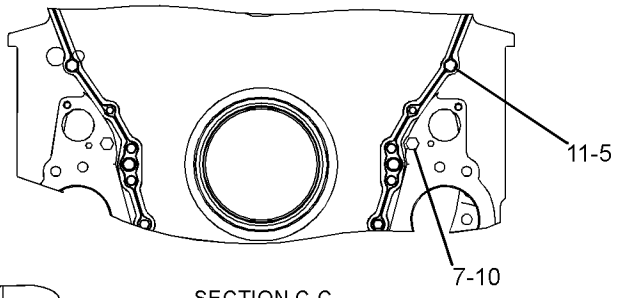
REAR VIEW



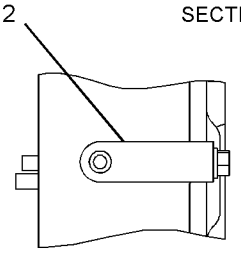
RIGHT SIDE VIEW



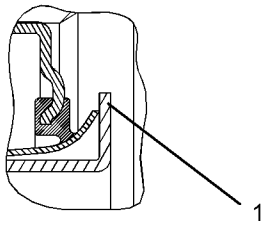
SECTION A-A



SECTION C-C



SECTION D-D



VIEW OF AREA B

GRAPHIC #1

<END>

g01282627

217-5685 HOUSING GP-FLYWHEEL

S/N: EHX2416-UP

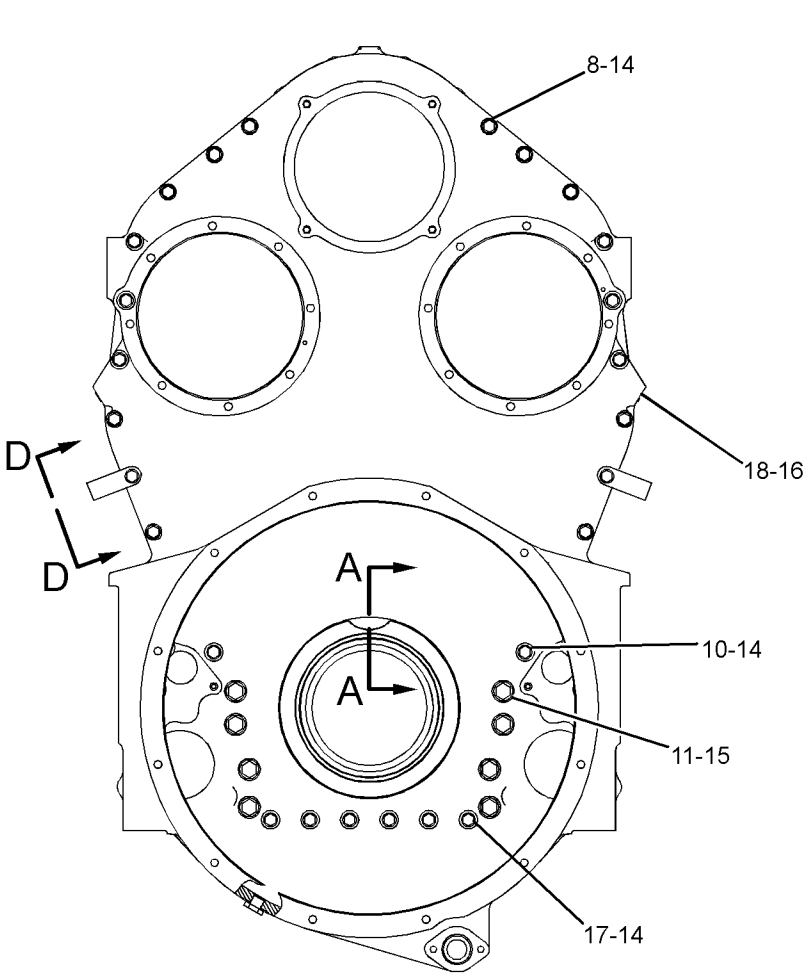
PART OF 217-5670 ENGINE AR-COMPLETE

SMCS-1157 **i07184033**

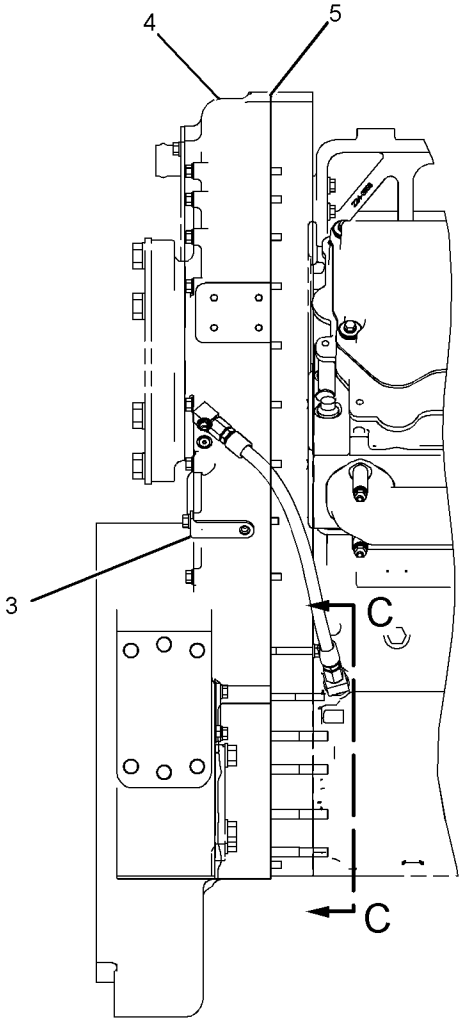
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**5B-9603**	2	BOLT (3/8-16X5-IN)	
Y	2	1	*319-0785*	1	SEAL GP-CRANKSHAFT (REAR)	146
C	3	1	**160-8708**	2	BRACKET AS	
					(EACH INCLUDES)	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	4	1	**217-5686**	1	HOUSING AS-FLYWHEEL	
		1	**1W-3136**	1	BAFFLE	
	5	1	**225-1242**	1	GASKET	
	7	1	**0S-1619**	2	BOLT (3/8-16X3-IN)	
	8	1	**1A-5183**	16	BOLT (3/8-16X4.75-IN)	
	9	1	**1J-9671**	2	SEAL-O-RING	
	10	1	**231-4470**	2	BOLT (3/8-16X6.25-IN)	
	11	1	**231-4471**	8	BOLT (1/2-13X6.25-IN)	
	13	1	**3K-8460**	2	PLUG (1/2-20-THD)	
	14	1	**5M-2894**	28	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	15	1	**5P-8245**	8	WASHER-HARD (13.5X25.5X3-MM THK)	
	16	1	**6V-5048**	2	SEAL-O-RING	
	17	1	**8S-9191**	6	BOLT (3/8-16X4-IN)	
	18	1	**9S-8002**	2	PLUG (7/16-20-THD)	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
Y - SEPARATE ILLUSTRATION

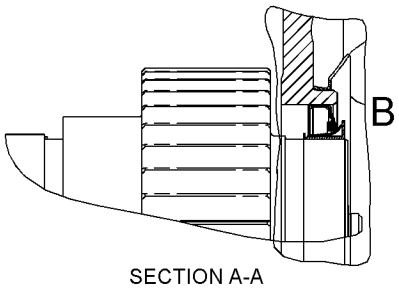
217-5685 **HOUSING GP-FLYWHEEL (**contd.**)** **i07184033**



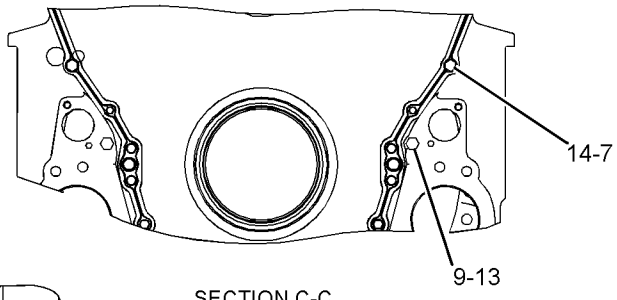
REAR VIEW



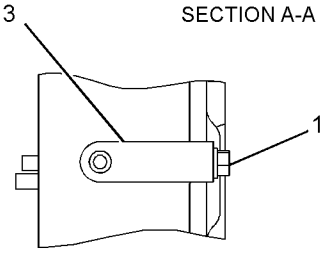
RIGHT SIDE VIEW



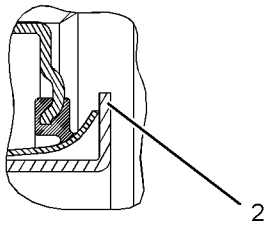
SECTION A-A



SECTION C-C



VIEW OF AREA D



VIEW OF AREA B

GRAPHIC #1 <END> g01606338

273-1642 HOUSING GP-FLYWHEEL

S/N: EHX1-UP

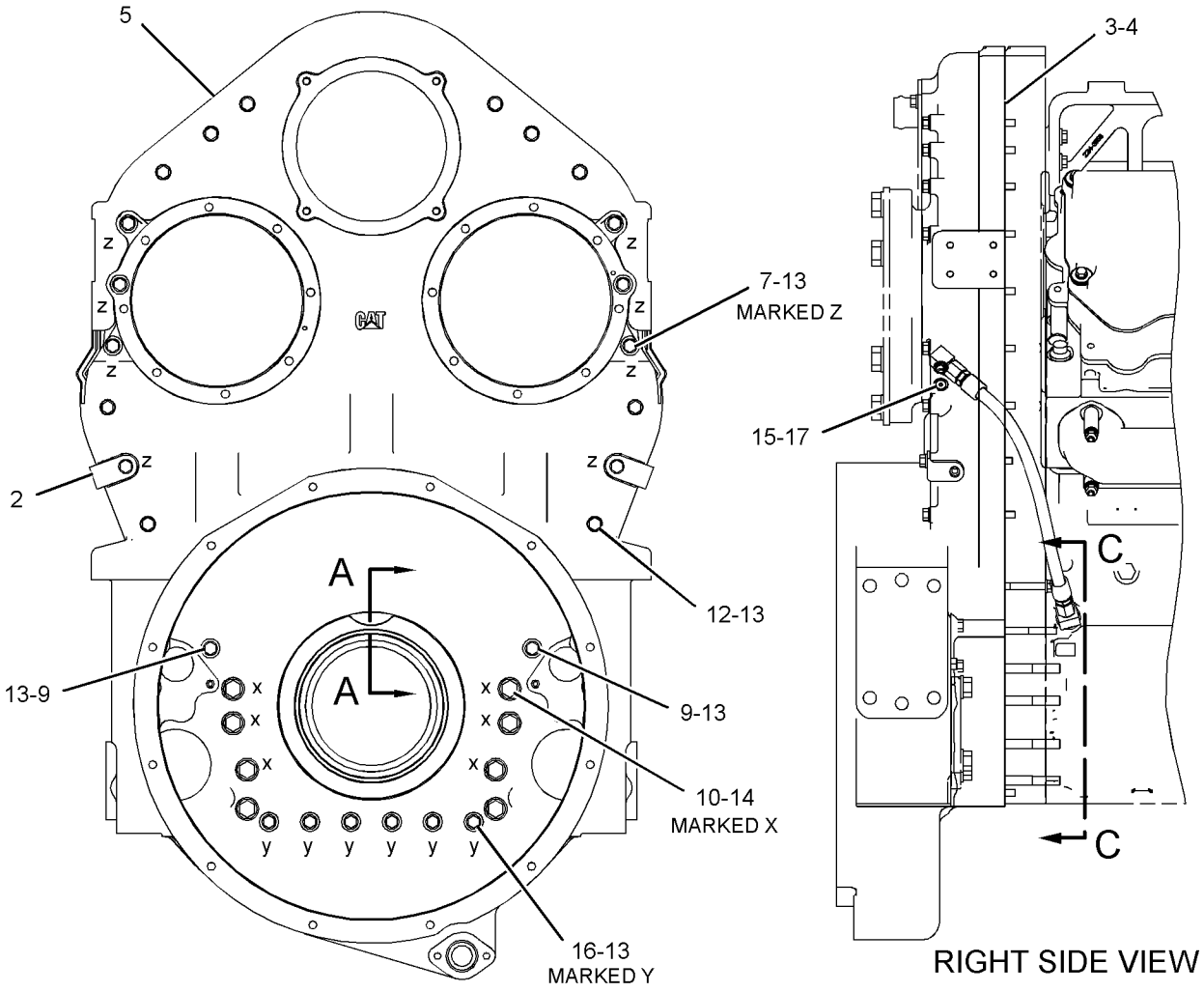
PART OF 271-8633, 360-3755 ENGINE AR-COMPLETE

SMCS-1157 **i05807794**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	*319-0785*	1	SEAL GP-CRANKSHAFT (REAR) (FLYWHEEL HOUSING)	146
	2	1	**160-8708**	2	BRACKET AS	
					(EACH INCLUDES)	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	3	1	**217-5686**	1	HOUSING AS-FLYWHEEL	
		1	**1W-3136**	1	BAFFLE	
	4	1	**225-1242**	1	GASKET (FLYWHEEL HOUSING)	
	5	1	**257-3881**	1	COVER AS-PANEL	
	6	1	**0S-1619**	2	BOLT (3/8-16X3-IN)	
	7	1	**1A-5183**	8	BOLT (3/8-16X4.75-IN)	
	8	1	**1J-9671**	2	SEAL-O-RING	
	9	1	**231-4470**	2	BOLT (3/8-16X6.25-IN)	
	10	1	**231-4471**	8	BOLT (1/2-13X6.25-IN)	
	11	1	**3K-8460**	2	PLUG (1/2-20-THD)	
	12	1	**5F-4899**	10	BOLT (3/8-16X5.5-IN)	
	13	1	**5M-2894**	28	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	14	1	**5P-8245**	8	WASHER-HARD (13.5X25.5X3-MM THK)	
	15	1	**6V-5048**	2	SEAL-O-RING	
	16	1	**8S-9191**	6	BOLT (3/8-16X4-IN)	
	17	1	**9S-8002**	2	PLUG (7/16-20-THD)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION

273-1642 **HOUSING GP-FLYWHEEL (**contd.**)** **i05807794**



GRAPHIC #1

<END>

g01215848

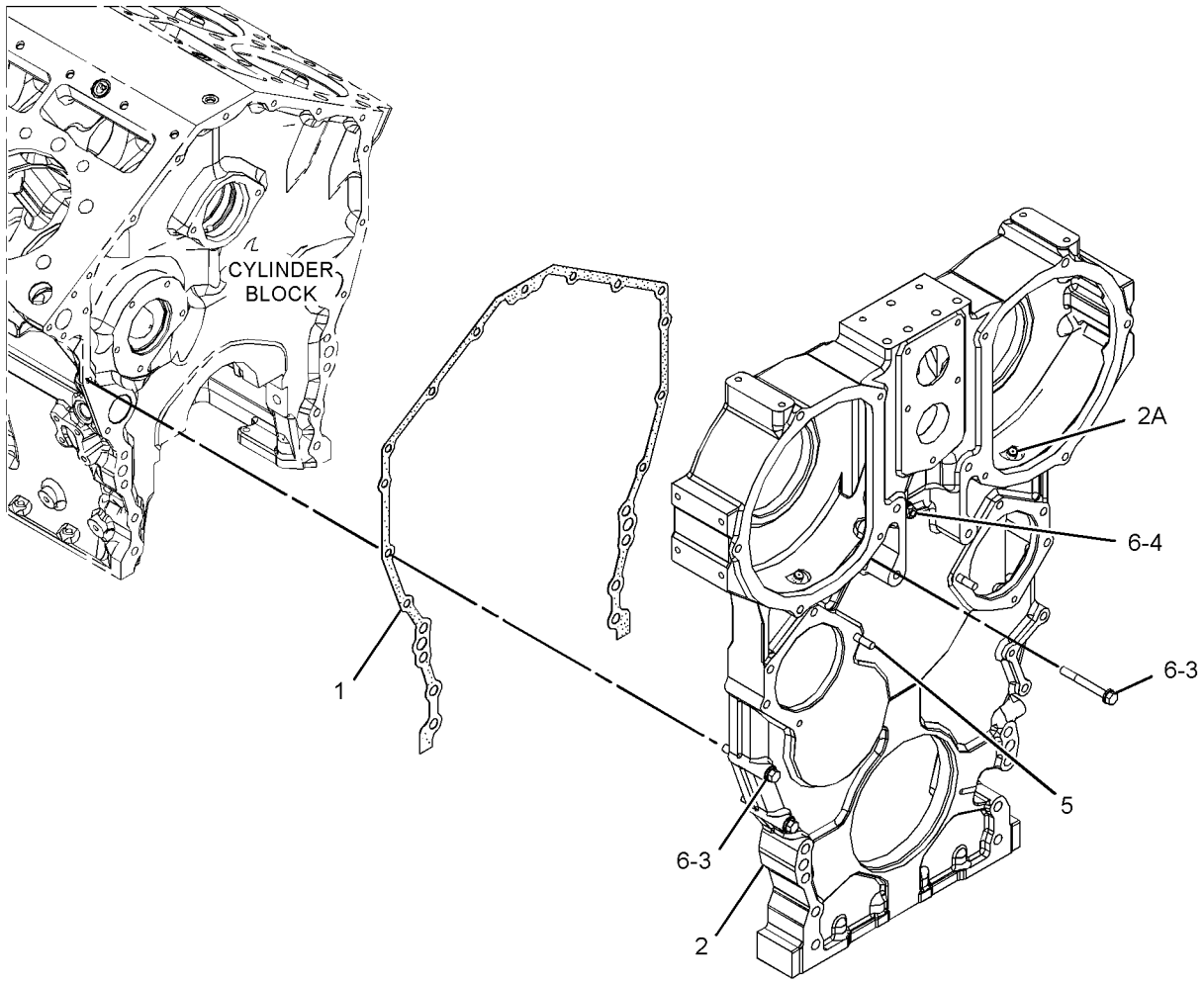
238-9862 HOUSING GP-FRONT

S/N: EHX1-UP

PART OF 231-3701, 262-9144, 350-5499 ENGINE AR-CORE

SMCS-1151, 1162, 1206 **i03883900**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**214-1727**	1	GASKET (CYLINDER BLOCK)	
	2	1	**350-1638**	1	HOUSING AS-FRONT	
	2A	1	**238-9860**	2	DOWEL	
	3	1	**0L-1352**	4	BOLT (3/8-16X3.25-IN)	
	4	1	**2K-4973**	1	LOCKNUT (3/8-16-THD)	
	5	1	**3K-3256**	2	STUD-TAPERLOCK (3/8-16X1.7-IN)	
	6	1	**5M-2894**	5	WASHER-HARD (10.2X18.5X2.5-MM THK)	



GRAPHIC #1 <END> g02138011

233-2462 HOUSING GP-REAR

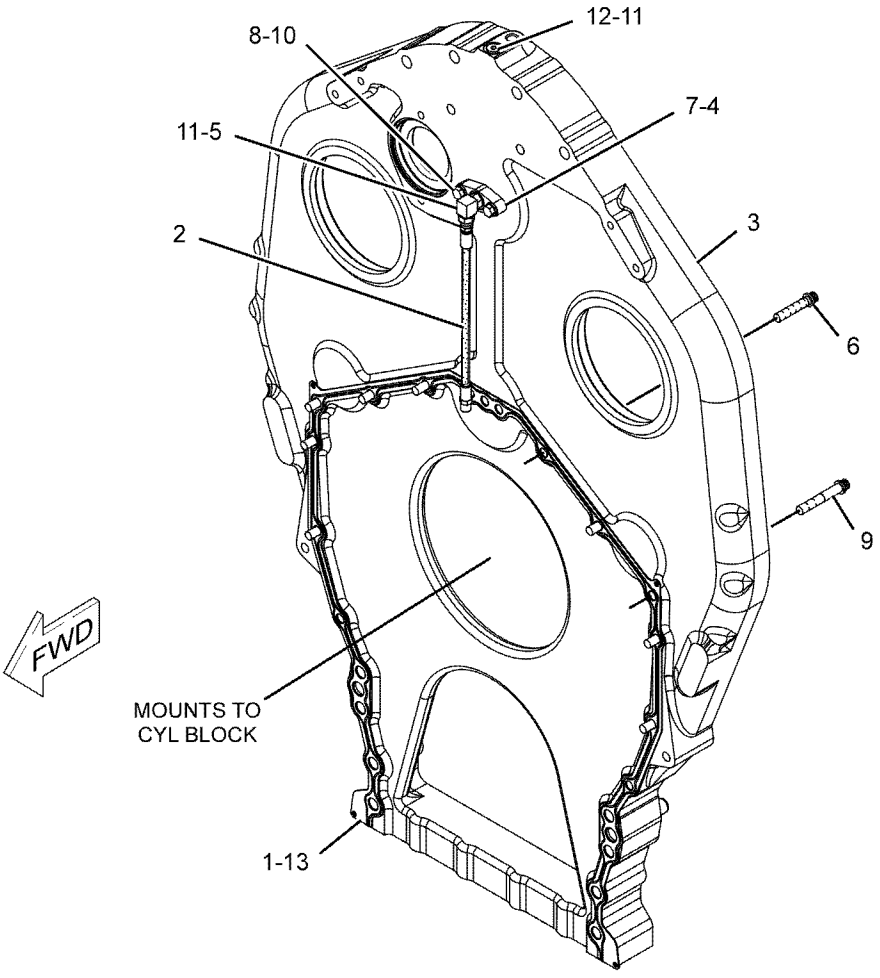
S/N: EHX1-5550

PART OF 231-3701, 262-9144 ENGINE AR-CORE

SMCS-1166 **i06029008**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**161-7293**	1	GASKET-CYLINDER	
	2	1	**224-5322**	1	HOSE AS	
	3	1	**232-3643**	1	HOUSING AS-REAR	
		1	**4N-0683**	2	DOWEL	
	4	1	**234-4279**	1	FLANGE	
	5	1	**030-7946**	1	ELBOW	
	6	1	**053-2294**	2	BOLT-12 POINT HEAD (3/8-16X1.75-IN)	
	7	1	**061-8639**	1	SEAL-O-RING	
	8	1	**0S-1616**	2	BOLT (1/4-20X1-IN)	
	9	1	**3S-0127**	8	BOLT-12 POINT HEAD (3/8-16X2.25-IN)	
	10	1	**5P-0537**	2	WASHER-HARD (7.2X14.5X2-MM THK)	
	11	1	**6V-5048**	2	SEAL-O-RING	
	12	1	**9S-8002**	1	PLUG (7/16-20-THD)	
B	13	1	**4C-9612**		SEALANT-SILICONE	

B - USE AS REQUIRED



GRAPHIC #1 <END> g01051089

350-8861 HOUSING GP-REAR

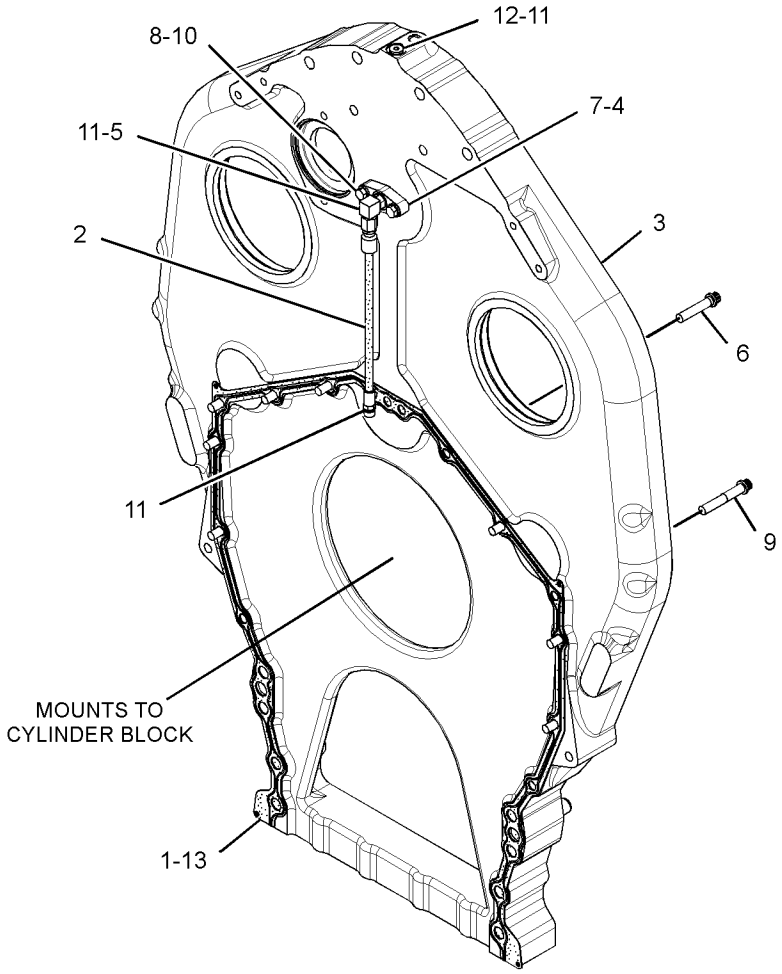
S/N: EHX5531-UP

PART OF 350-5499 ENGINE AR-CORE

SMCS-1166 **i06029007**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**161-7293**	1	GASKET-CYLINDER	
	2	1	**316-9154**	1	HOSE AS	
	3	1	**232-3643**	1	HOUSING AS-REAR	
		1	**4N-0683**	2	DOWEL	
	4	1	**234-4279**	1	FLANGE	
	5	1	**030-7946**	1	ELBOW	
	6	1	**053-2294**	2	BOLT-12 POINT HEAD (3/8-16X1.75-IN)	
	7	1	**061-8639**	1	SEAL-O-RING	
	8	1	**0S-1616**	2	BOLT (1/4-20X1-IN)	
	9	1	**3S-0127**	8	BOLT-12 POINT HEAD (3/8-16X2.25-IN)	
	10	1	**5P-0537**	2	WASHER-HARD (7.2X14.5X2-MM THK)	
	11	1	**6V-5048**	3	SEAL-O-RING	
	12	1	**9S-8002**	1	PLUG (7/16-20-THD)	
B	13	1	**4C-9612**		SEALANT-SILICONE	

B - USE AS REQUIRED



GRAPHIC #1 <END> g02058694

434-4446 KIT-ENGINE GASKET—CENTRAL, LOWER STRUCTURE

S/N: EHX1-UP

~~CONTAINS THE GASKETS, SEALS, & BENDABLE LOCKS TO REINSTALL THE OIL PAN. INTERNAL OIL PUMP, & BLOCK COVERS

FOR USE WITH 217-5670—PAGE: 8

SMCS-1000, 7555 **i07194543**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	343-8888	1	GASKET	
	353-1648	1	GASKET-OIL PAN	
	234-8937	1	SEAL-INTEGRAL (FLYWHEEL HOUSING)	
	239-5571	1	SEAL-INTEGRAL (CYLINDER BLOCK)	
	239-5572	2	SEAL-INTEGRAL	
	113-5304	1	SEAL-O-RING	
	5P-5846	2	SEAL-O-RING	
	5P-8068	1	SEAL-O-RING	
	136-7227	6	SEAL-O-RING	
	6V-5048	1	SEAL-O-RING	
	6V-5050	2	SEAL-O-RING	
	6V-5063	1	SEAL-O-RING	
	6V-5064	1	SEAL-O-RING	
	6V-6609	2	SEAL-O-RING	
	6V-9027	1	SEAL-O-RING	
	8L-2746	2	SEAL-O-RING	
	033-6033	1	SEAL-O-RING	
	112-3102	1	SEAL-O-RING	
	112-3540	2	SEAL-O-RING	
	214-7566	2	SEAL-O-RING	
	214-7568	4	SEAL-O-RING	
	238-5081	3	SEAL-O-RING	
	238-5082	2	SEAL-O-RING	
	379-5053	1	SEAL-O-RING	
	240-9543	14	WASHER (12.45X22.35X1.82-MM THK)	
			FOR A LIST OF RELATED PARTS THAT REQUIRED FOR THE ENGINE REBUILD TO THE KIT CONSIST, PLEASE VISIT	
			HTTPS://DEALER.CAT.COM/RELATED	
			<END>	

235-2014 LIFTING GP-ENGINE

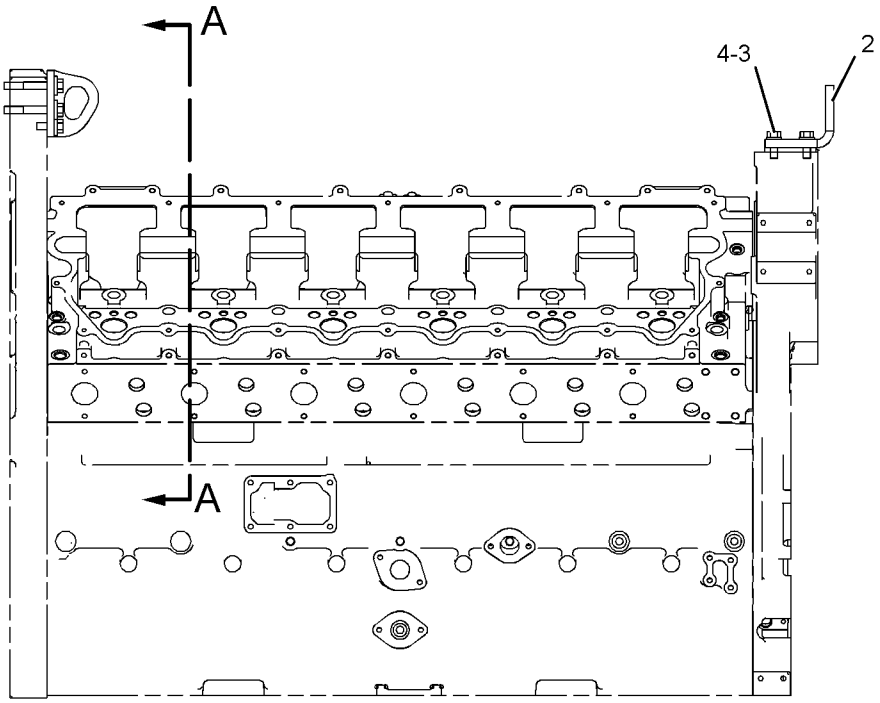
S/N: EHX1-UP

PART OF 217-5670, 271-8633, 360-3755 ENGINE AR-COMPLETE

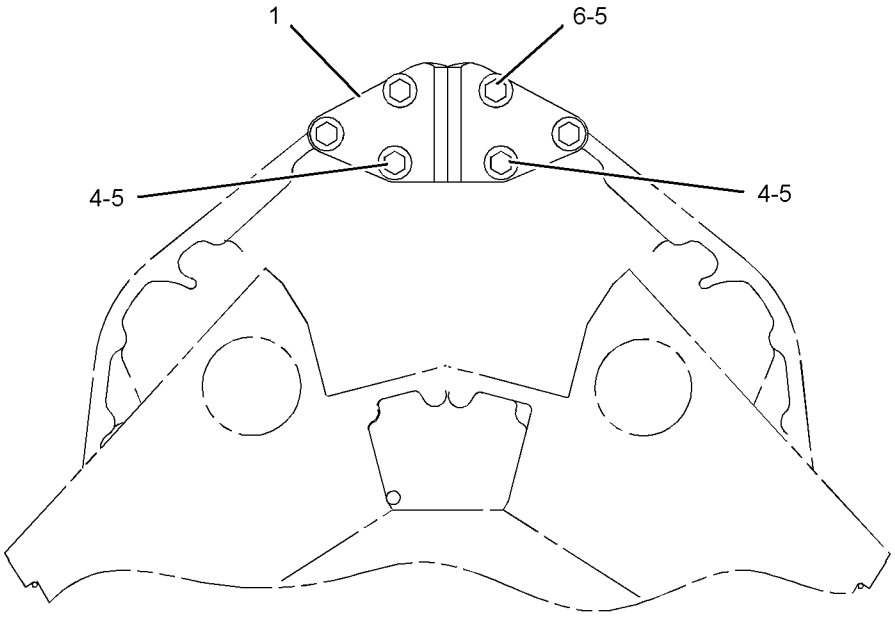
SMCS-1122 **i05794543**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**230-1550**	1	EYE AS-LIFTING	
	2	1	**235-1861**	1	EYE-LIFTING	
	3	1	**5P-8245**	5	WASHER-HARD (13.5X25.5X3-MM THK)	
	4	1	**7B-3235**	7	BOLT (1/2-13X1.375-IN)	
	5	1	**7D-1649**	6	WASHER-HARD (13.5X32X5-MM THK)	
	6	1	**9X-8875**	4	BOLT (1/2-13X3.5-IN)	

235-2014 **LIFTING GP-ENGINE (**contd.**)** **i05794543**



RIGHT SIDE VIEW



SECTION A-A

GRAPHIC #1 <END> g01051242

260-9631 MECHANISM GP-FUEL PUMP & VALVE

S/N: EHX2416-2688

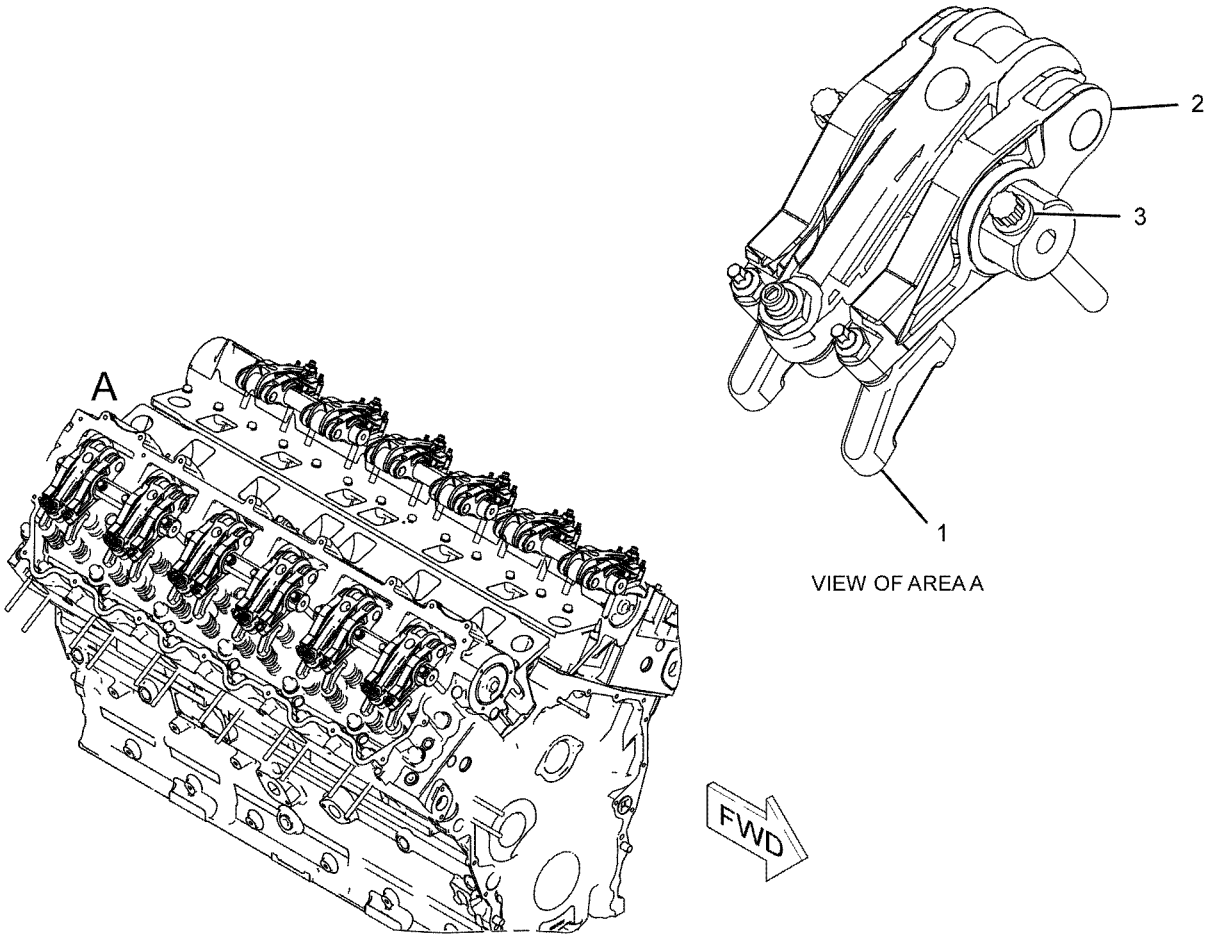
PART OF 262-9144 ENGINE AR-CORE

SMCS-1102, 1123

i04335292

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6I-1458**	24	BRIDGE-VALVE	
Y	2	1	*243-2468*	6	ROCKER ARM GP	129
	3	1	**356-5212**	24	BOLT-12 POINT HEAD (1/2-13X3.5 IN)	

Y - SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01051266

260-9631 MECHANISM GP-FUEL PUMP & VALVE

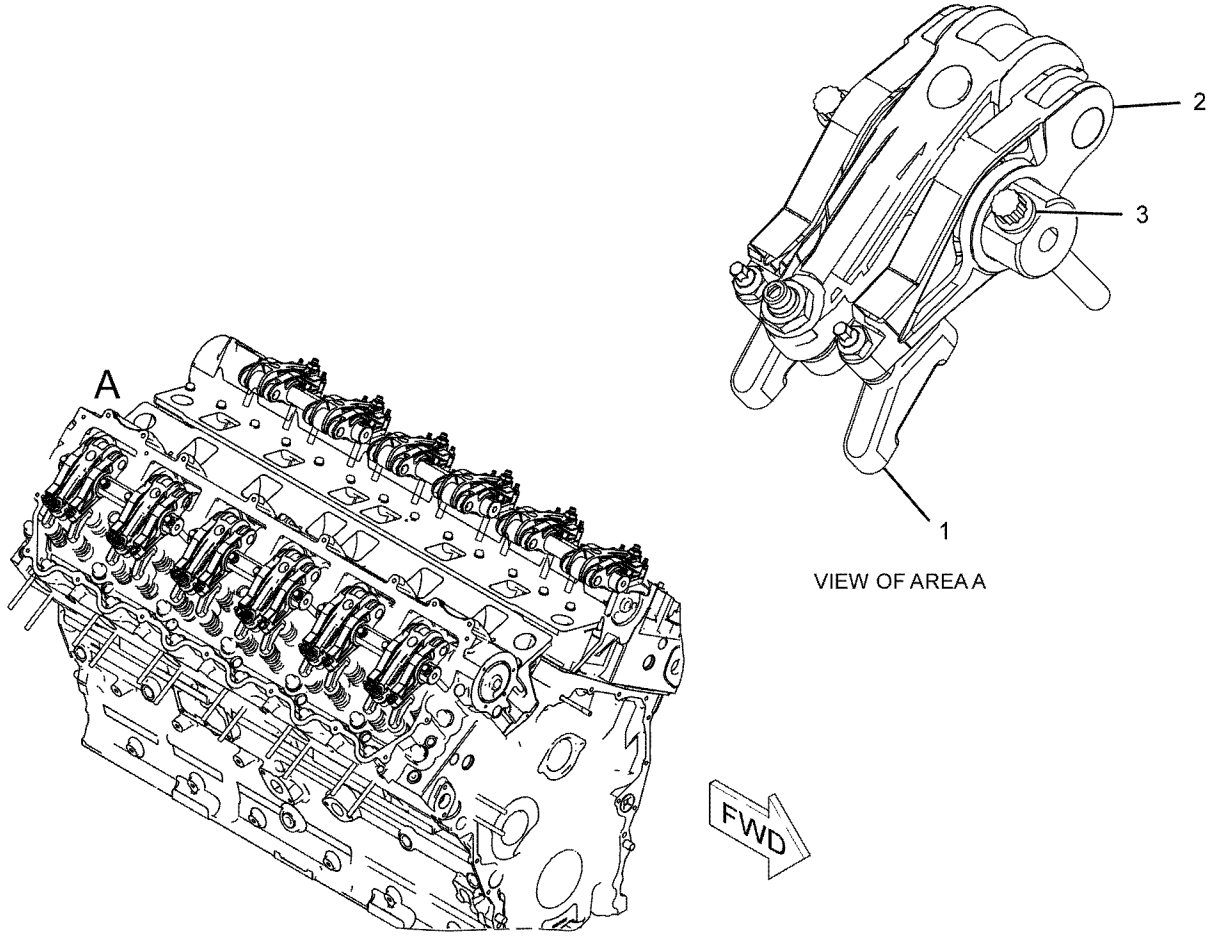
S/N: EHX2689-3316

PART OF 262-9144 ENGINE AR-CORE

SMCS-1102, 1123 **i04335294**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6I-1458**	24	BRIDGE-VALVE	
CY	2	1	*280-8043*	6	ROCKER ARM GP	130
	3	1	**356-5212**	24	BOLT-12 POINT HEAD (1/2-13X3.5 IN)	

C - CHANGE FROM PREVIOUS TYPE
Y - SEPARATE ILLUSTRATION



VIEW OF AREA A

GRAPHIC #1 <END> g01051266

260-9631 MECHANISM GP-FUEL PUMP & VALVE

S/N: EHX3317-UP

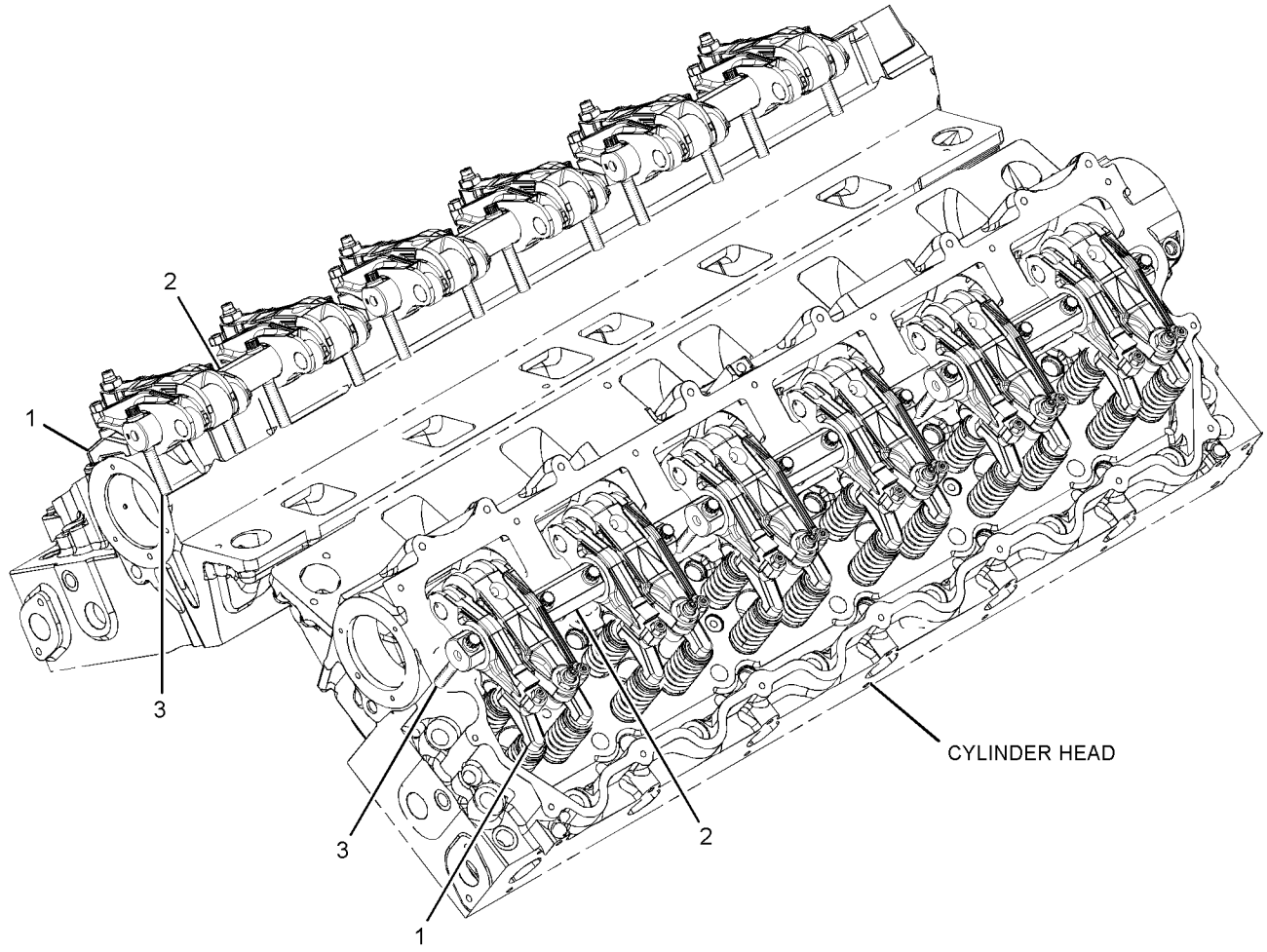
PART OF 262-9144 ENGINE AR-CORE

SMCS-1102, 1123

i04335290

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6I-1458**	24	BRIDGE-VALVE	
CY	2	1	*301-5349*	6	ROCKER ARM GP	131
	3	1	**356-5212**	24	BOLT-12 POINT HEAD (1/2-13X3.5 IN)	

C - CHANGE FROM PREVIOUS TYPE
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g01341846

260-9631 MECHANISM GP-FUEL PUMP & VALVE

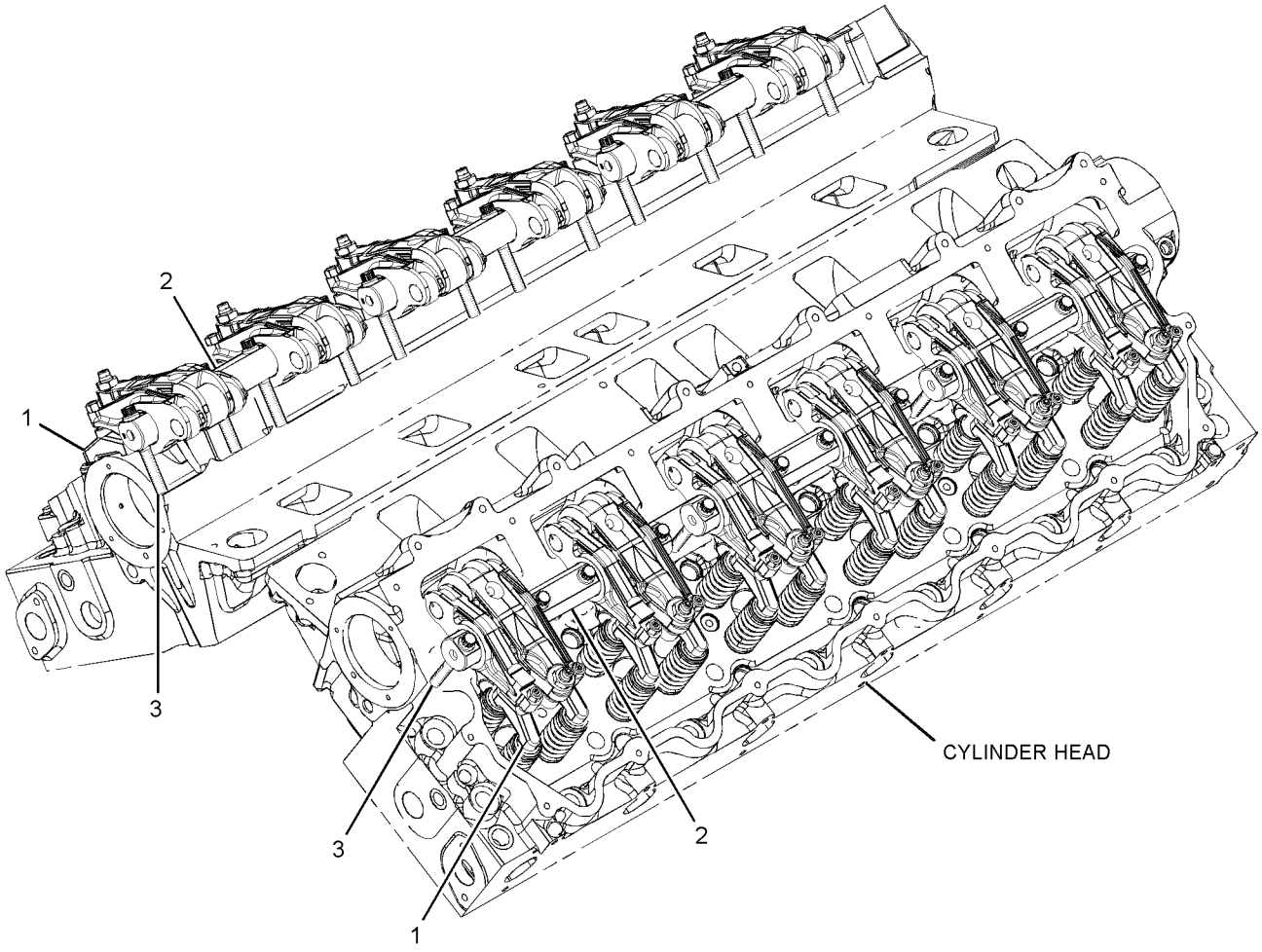
S/N: EHX3317-6102

PART OF 262-9144, 350-5499 ENGINE AR-CORE

SMCS-1102, 1123 **i04335291**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6I-1458**	24	BRIDGE-VALVE	
CY	2	1	*320-2793*	6	ROCKER ARM GP	135
	3	1	**356-5212**	24	BOLT-12 POINT HEAD (1/2-13X3.5 IN)	

C - CHANGE FROM PREVIOUS TYPE
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g01341846

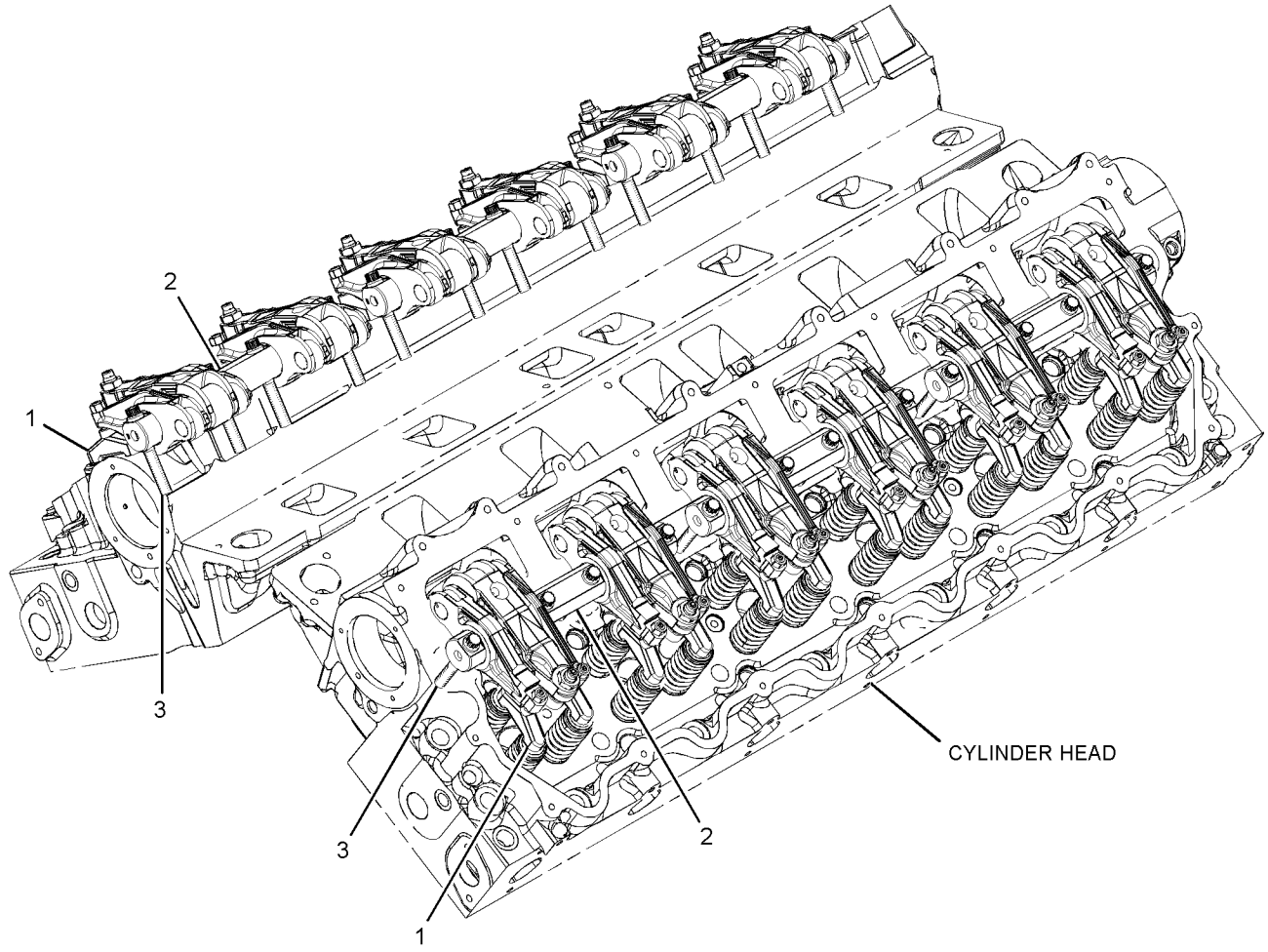
260-9631 MECHANISM GP-FUEL PUMP & VALVE

S/N: EHX6013-UP
PART OF 350-5499 ENGINE AR-CORE
TYPE 1

SMCS-1102, 1123 **i04019786**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**348-7743**	24	BRIDGE-VALVE	
CY	2	1	*342-6643*	6	ROCKER ARM GP	138
	3	1	**356-5212**	24	BOLT-12 POINT HEAD (1/2-13X3.5 IN)	

C - CHANGE FROM PREVIOUS TYPE
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g01341846

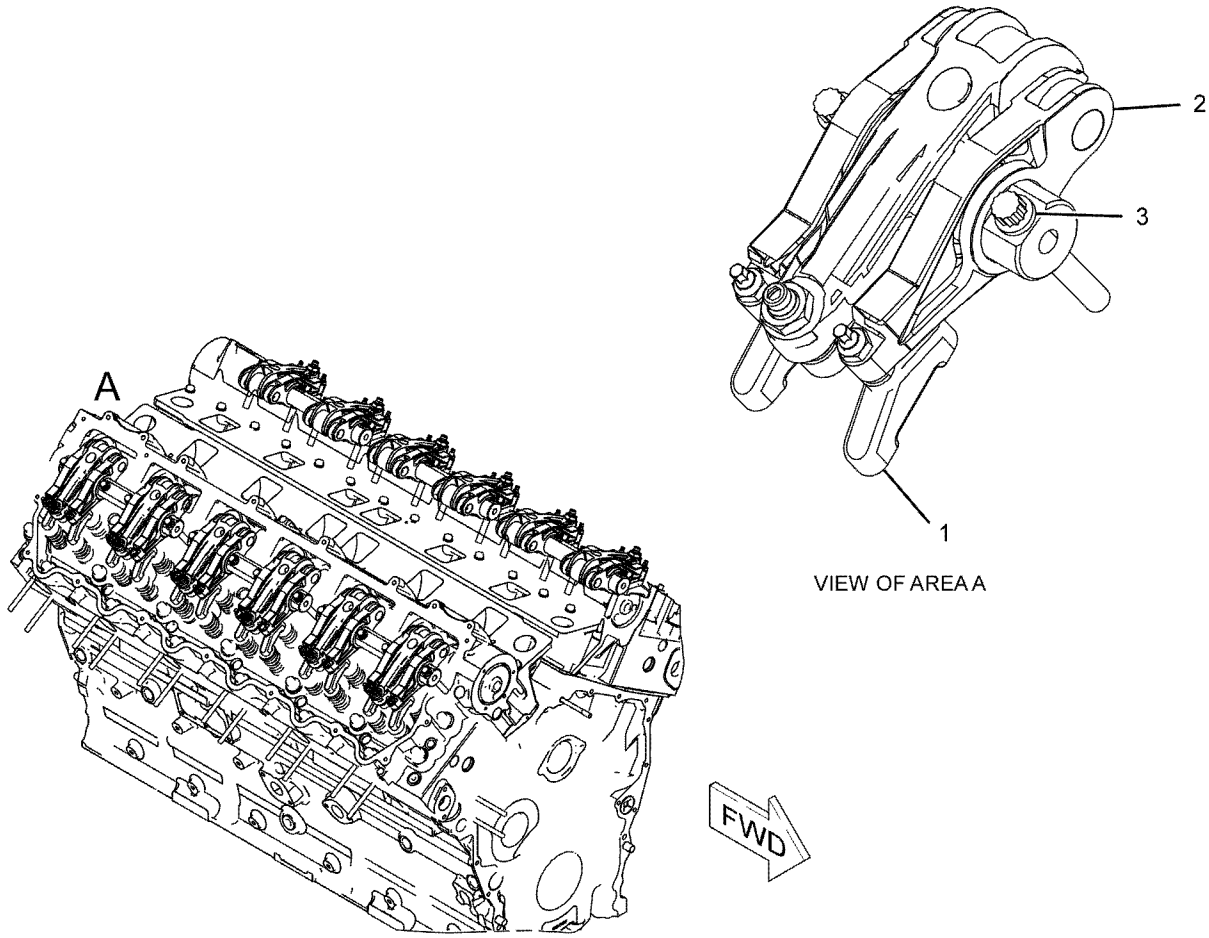
260-9631 MECHANISM GP-FUEL PUMP & VALVE

S/N: EHX6013-UP
PART OF 350-5499 ENGINE AR-CORE
TYPE 2

SMCS-1102, 1123 **i04944773**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**348-7743**	24	BRIDGE-VALVE	
Y	2	1	*392-0066*	6	ROCKER ARM GP	140
	3	1	**356-5212**	24	BOLT-12 POINT HEAD (1/2-13X3.5 IN)	

Y - SEPARATE ILLUSTRATION



VIEW OF AREA A

GRAPHIC #1 <END> g01051266

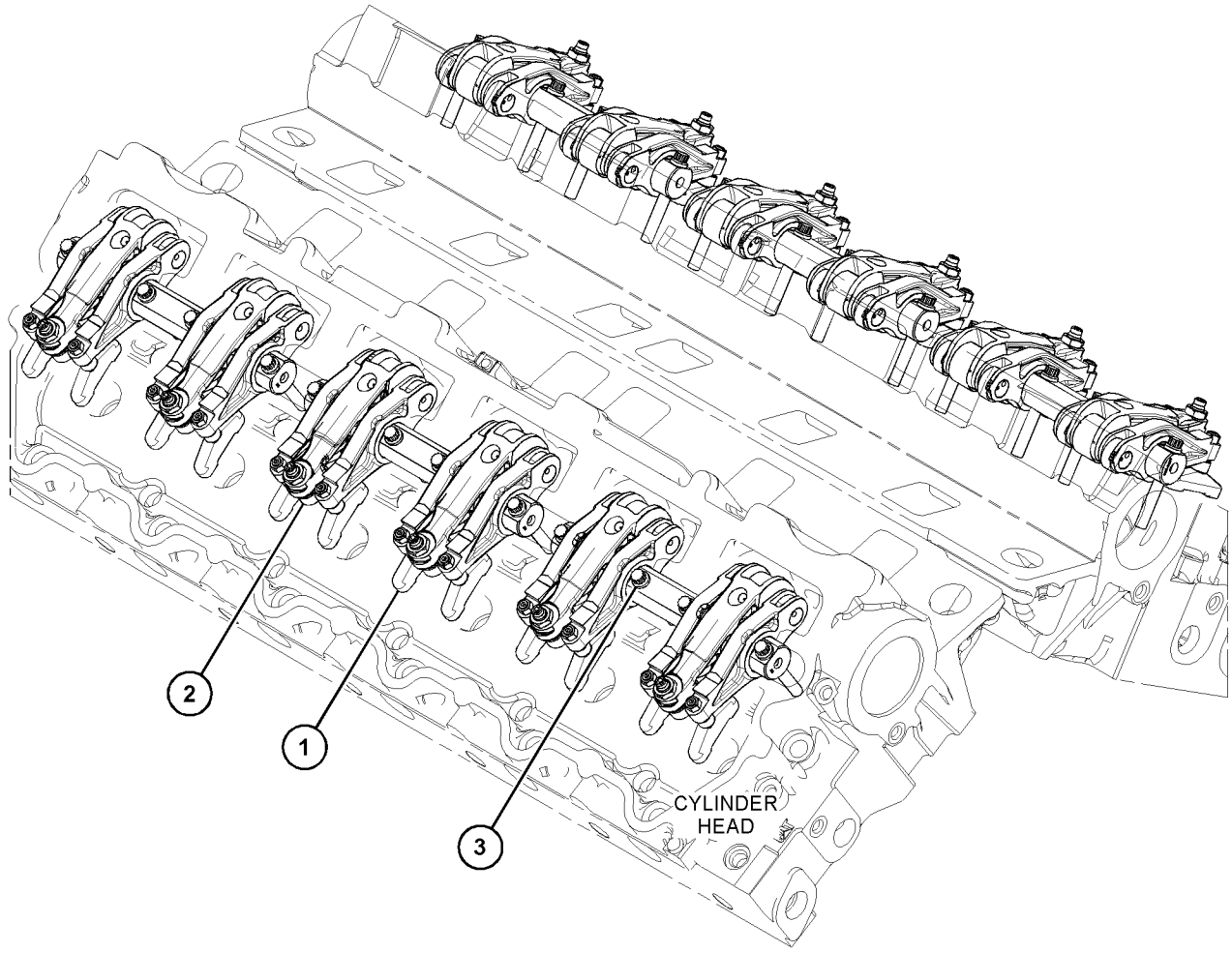
260-9631 MECHANISM GP-FUEL PUMP & VALVE

S/N: EHX6013-UP
PART OF 350-5499 ENGINE AR-CORE
TYPE 3

SMCS-1102, 1123 **i05808650**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**348-7743**	24	BRIDGE-VALVE	
CY	2	1	*437-3876*	6	ROCKER ARM GP	141
	3	1	**356-5212**	24	BOLT-12 POINT HEAD (1/2-13X3.5 IN)	

C - CHANGE FROM PREVIOUS TYPE
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g03678646

261-8342 MOUNTING GP-ALTERNATOR

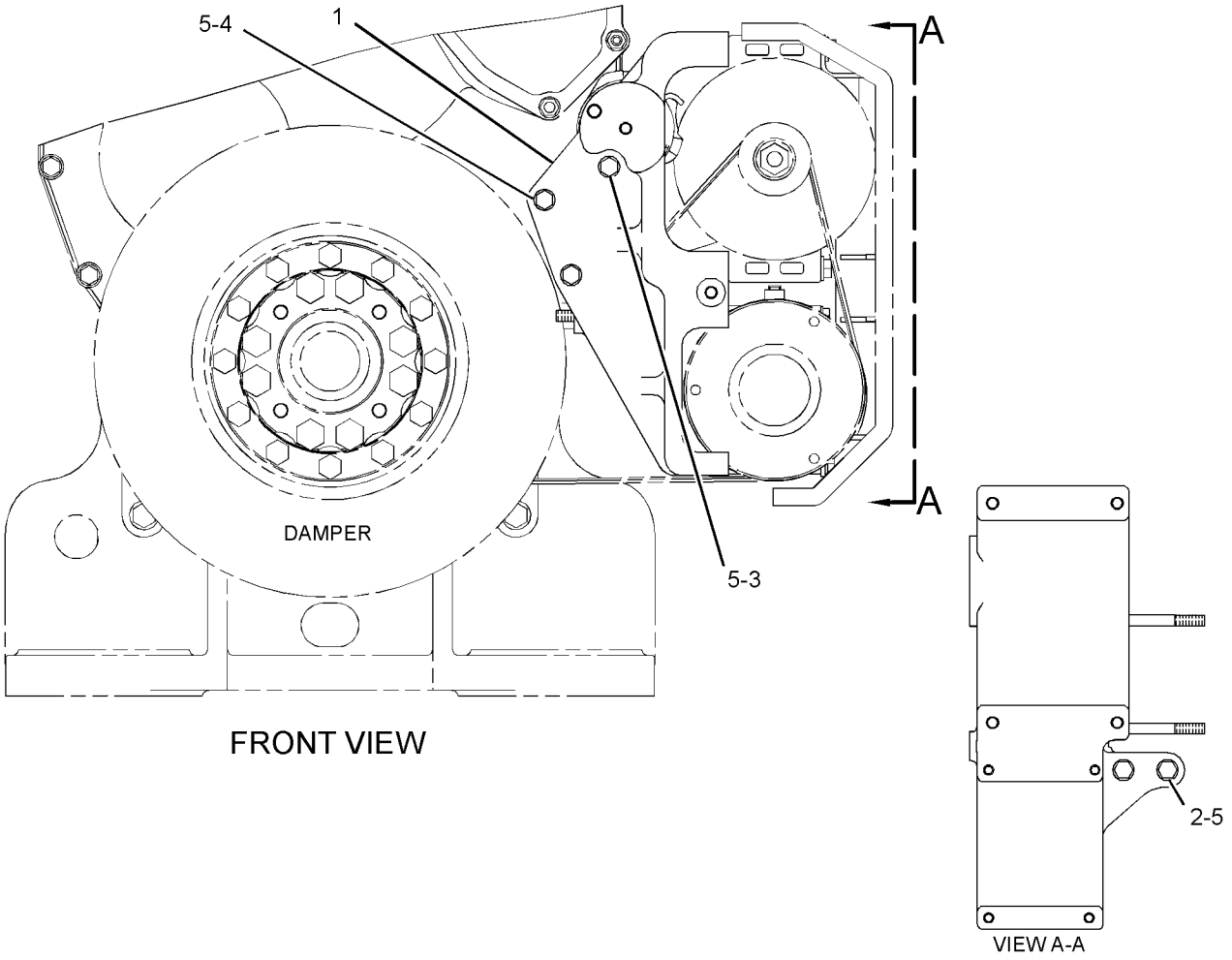
S/N: EHX1-UP

PART OF 217-5670, 271-8633, 360-3755 ENGINE AR-COMPLETE

SMCS-1154, 1405

i02864802

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**261-8033**	1	BRACKET	
	2	1	**0S-1591**	2	BOLT (3/8-16X1.5-IN)	
	3	1	**8S-9191**	2	BOLT (3/8-16X4-IN)	
	4	1	**0S-1571**	1	BOLT (3/8-16X1.75-IN)	
	5	1	**5M-2894**	5	WASHER-HARD (10.2X18.5X2.5-MM THK)	



FRONT VIEW

VIEW A-A

GRAPHIC #1

<END>

g01215482

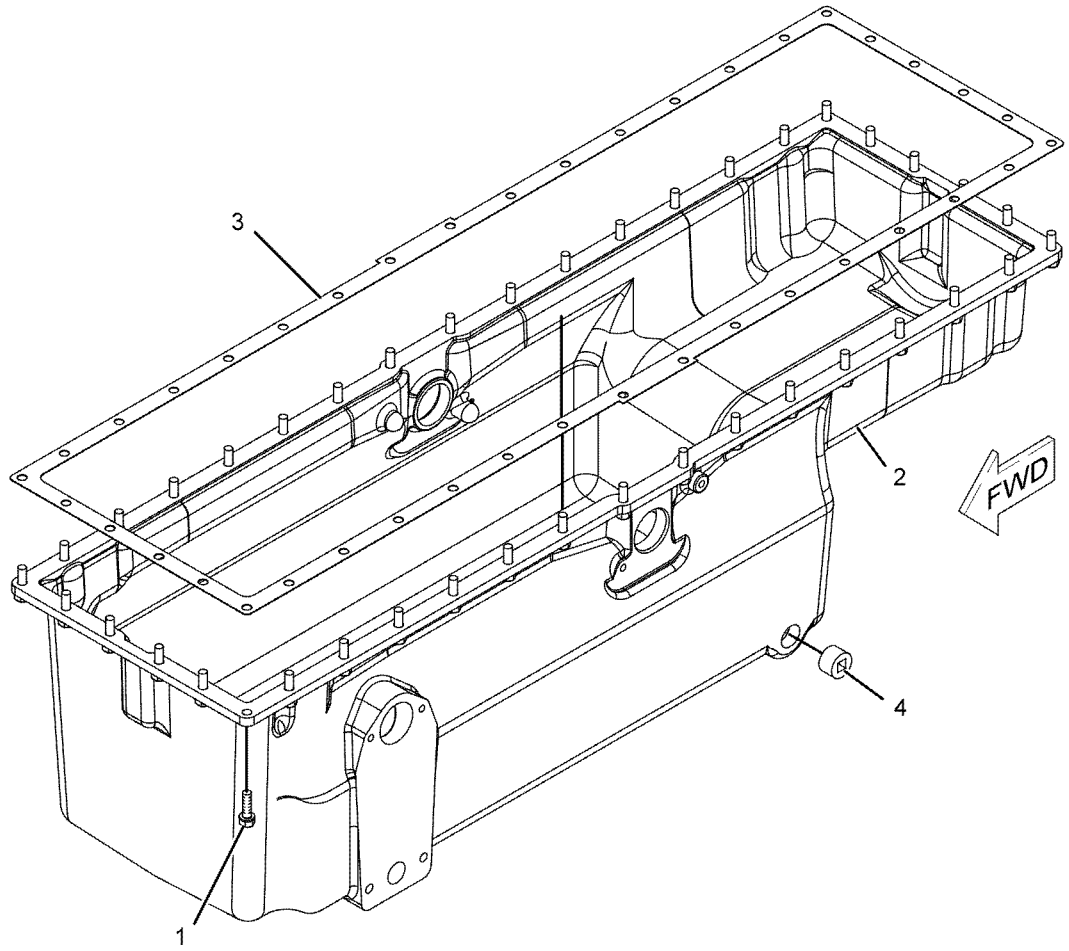
241-1833 PAN GP-OIL

S/N: EHX1-2415

PART OF 217-5670 ENGINE AR-COMPLETE

SMCS-1302 **i06151040**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**2P-3203**	40	BOLT-WASHER HEAD (3/8-16X1.25-IN)	
	2	1	**188-4640**	1	PAN-OIL	
	3	1	**6N-1396**	1	GASKET-OIL PAN	
	4	1	**8T-6761**	1	PLUG-PIPE (1-11-1/2 NPT THD)	



GRAPHIC #1 <END> g01051268

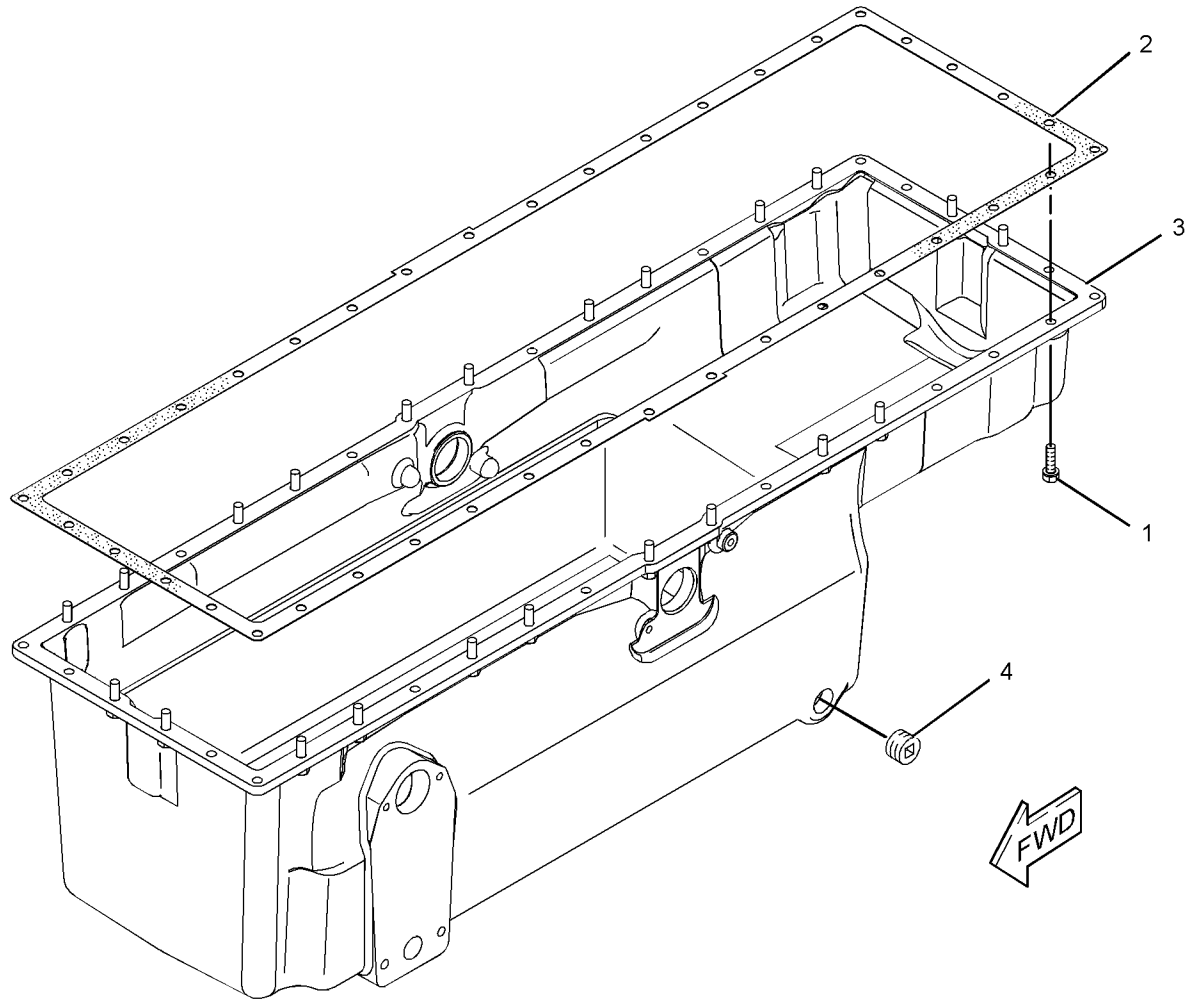
273-1641 PAN GP-OIL

S/N: EHX1-UP

PART OF 271-8633, 360-3755 ENGINE AR-COMPLETE

SMCS-1302 **i03996675**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**2P-3203**	23	BOLT-WASHER HEAD (3/8-16X1.25-IN)	
	2	1	**353-1648**	1	GASKET-OIL PAN	
	3	1	**188-4640**	1	PAN-OIL	
	4	1	**8T-6761**	1	PLUG-PIPE (1-11-1/2 NPT THD)	



GRAPHIC #1 <END> g01216409

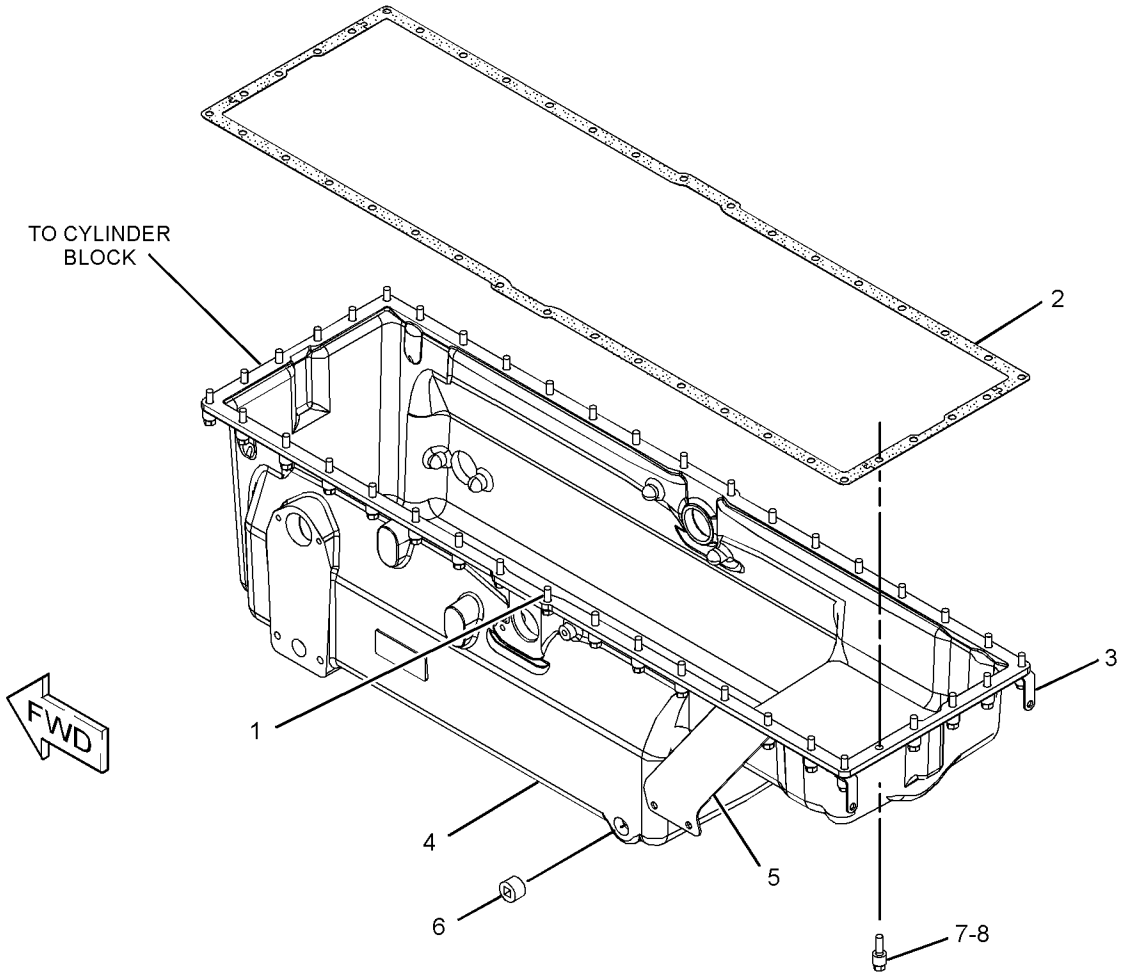
280-7499 PAN GP-OIL

S/N: EHX2487-UP

PART OF 217-5670 ENGINE AR-COMPLETE

SMCS-1302 **i03996676**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**2P-3203**	4	BOLT-WASHER HEAD (3/8-16X1.25-IN)	
	2	1	**353-1648**	1	GASKET-OIL PAN	
	3	1	**9L-6331**	2	BRACKET	
	4	1	**188-4640**	1	PAN-OIL (ENGINE)	
	5	1	**228-6843**	1	BRACKET	
	6	1	**8T-6761**	1	PLUG-PIPE (1-11-1/2 NPT THD)	
	7	1	**2P-3205**	36	BOLT-WASHER HEAD (3/8-16X1.75-IN)	
	8	1	**4N-0205**	36	SPACER (0.42X0.75X0.6-IN THK)	



GRAPHIC #1 <END> g02175464

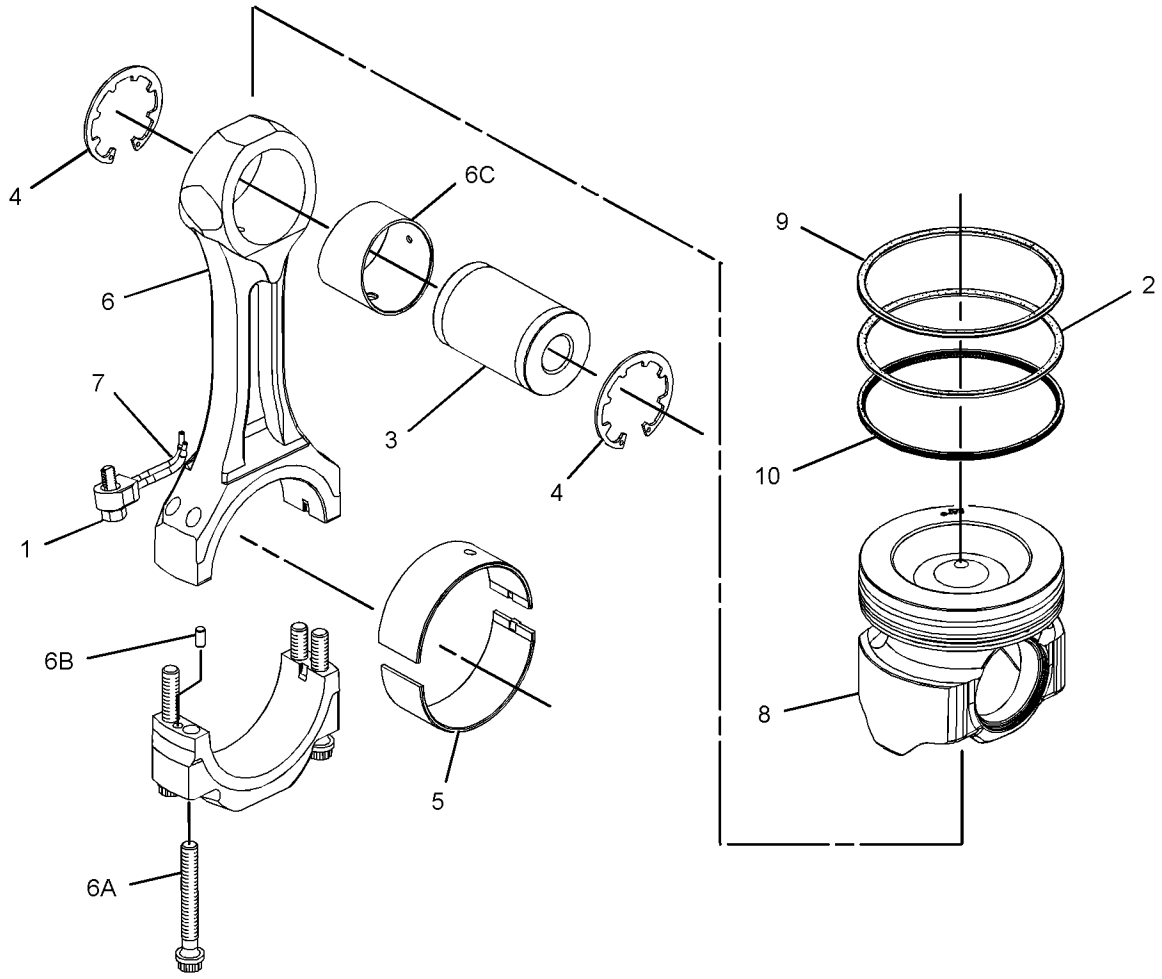
213-4836 PISTON & ROD GP

S/N: EHX1-6327
27 LITER, 18:1 COMPRESSION RATIO
PART OF 231-3701, 262-9144, 350-5499 ENGINE AR-CORE

SMCS-1225 **i03880931**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**150-1156**	1	BOLT-SPECIAL (OIL JET)	
	2	1	**164-4187**	1	RING-PISTON (INTERMEDIATE)	
	3	1	**180-7350**	1	PIN-PISTON	
	4	1	**230-2569**	2	RETAINER-PIN	
	5	1	**232-3226**	1	BEARING-CONNECTING ROD (STANDARD)	
AB		1	**341-0060**		BEARING-CONNECTING ROD (0.63-MM US)	
R	6	1	**232-3232**	1	ROD AS	
	6A	1	**213-3217**	4	BOLT (M11X1.25X84-MM)	
	6B	1	**219-4458**	2	PIN-DOWEL	
	6C	1	**229-6259**	1	BEARING	
	7	1	**282-2564**	1	TUBE AS-OIL JET	
R	8	1	**247-7792**	1	BODY AS	
	9	1	**247-6130**	1	RING-PISTON-TOP	
	10	1	**238-0294**	1	RING-PISTON (OIL)	

A - NOT PART OF THIS GROUP
B - USE AS REQUIRED
R - REMANUFACTURED PART MAY BE AVAILABLE



GRAPHIC #1 <END> g01269989

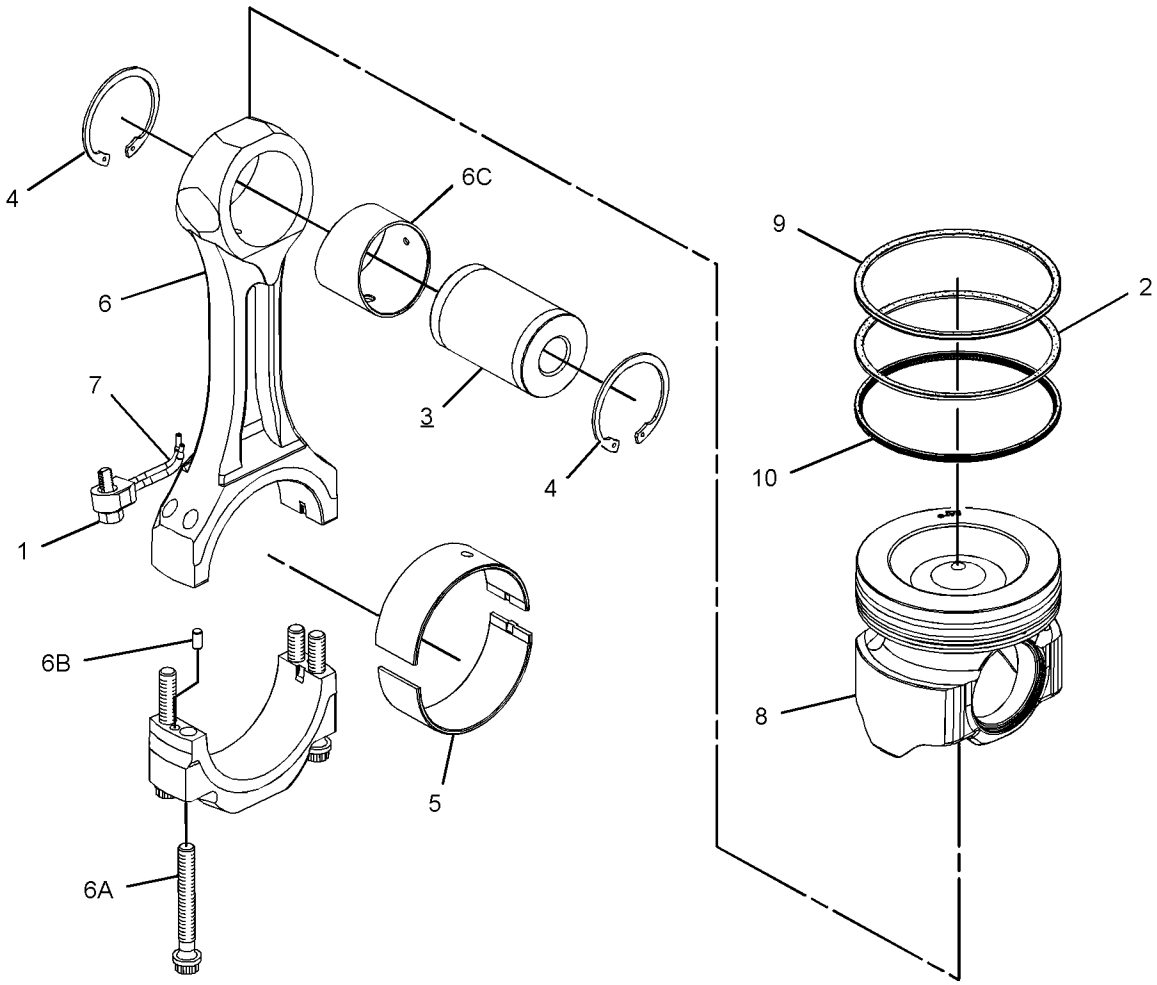
213-4836 PISTON & ROD GP

S/N: EHX6328-UP
27 LITER, 18:1 COMPRESSION RATIO
PART OF 350-5499 ENGINE AR-CORE

SMCS-1225 **i04868969**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**150-1156**	1	BOLT-SPECIAL (OIL JET)	
	2	1	**164-4187**	1	RING-PISTON (INTERMEDIATE)	
	3	1	**180-7350**	1	PIN-PISTON	
C	4	1	**250-2940**	2	RETAINER-PIN	
	5	1	**232-3226**	1	BEARING-CONNECTING ROD (STANDARD)	
AB		1	**341-0060**		BEARING-CONNECTING ROD (0.63-MM US)	
R	6	1	**232-3232**	1	ROD AS	
	6A	1	**213-3217**	4	BOLT (M11X1.25X84-MM)	
	6B	1	**219-4458**	2	PIN-DOWEL	
	6C	1	**229-6259**	1	BEARING	
	7	1	**357-7163**	1	TUBE AS-OIL JET	
CR	8	1	**376-7362**	1	BODY AS-PISTON	
	9	1	**247-6130**	1	RING-PISTON-TOP	
	10	1	**238-0294**	1	RING-PISTON (OIL)	

A - NOT PART OF THIS GROUP
B - USE AS REQUIRED
C - CHANGE FROM PREVIOUS TYPE
R - REMANUFACTURED PART MAY BE AVAILABLE



GRAPHIC #1 <END> g02557599

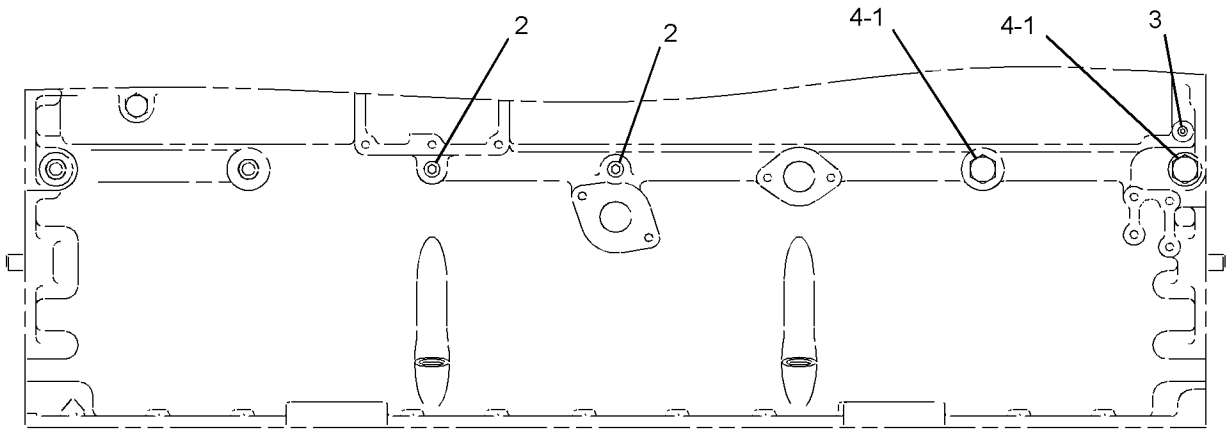
280-4239 PLUG GP-CYLINDER BLOCK

S/N: EHX1-5550

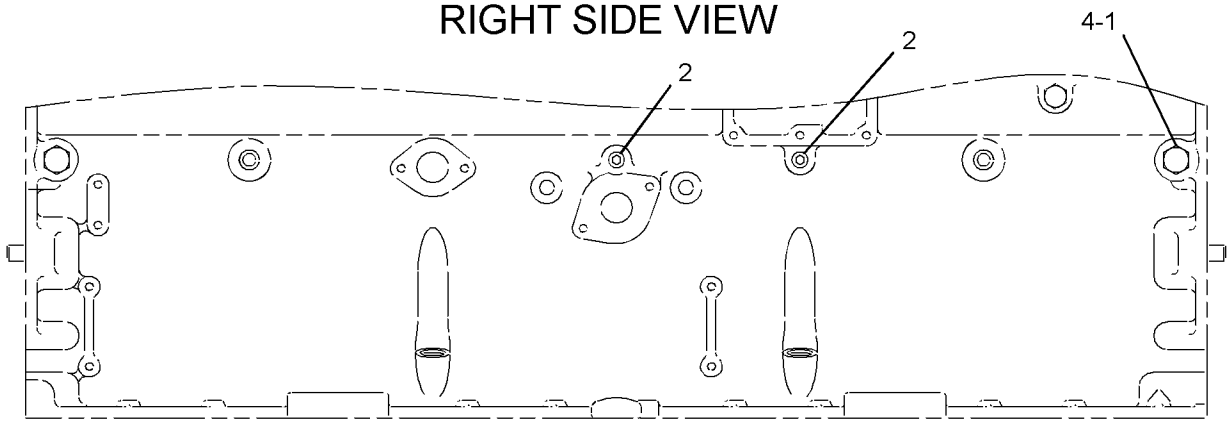
PART OF 217-5670, 271-8633 ENGINE AR-COMPLETE

SMCS-1201 **i02428078**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6V-4589**	3	SEAL-O-RING	
	2	1	**7W-6534**	4	PLUG-PIPE	
	3	1	**8T-6757**	1	PLUG-PIPE	
	4	1	**9S-8006**	3	PLUG (7/8-14-THD)	



RIGHT SIDE VIEW



LEFT SIDE VIEW

GRAPHIC #1 <END> g01213475

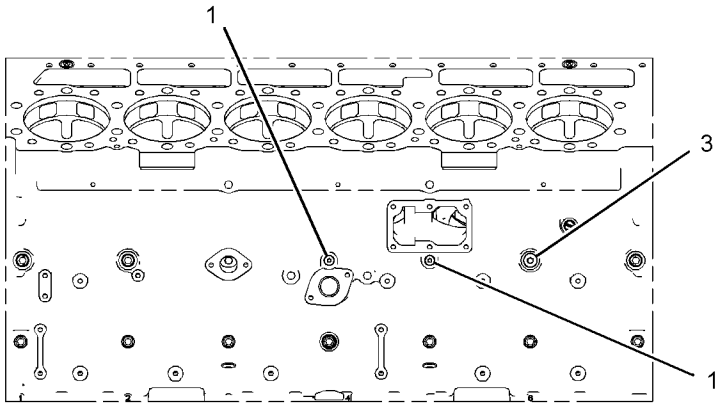
351-2234 PLUG GP-CYLINDER BLOCK

S/N: EHX1-UP

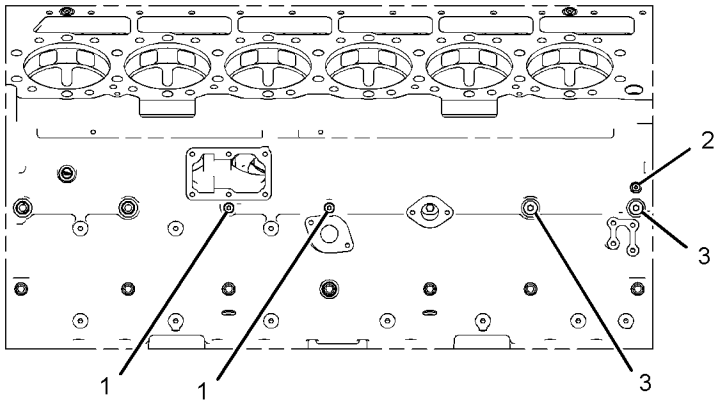
PART OF 217-5670, 271-8633, 360-3755 ENGINE AR-COMPLETE

SMCS-1201 **i03836406**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	*183-3407*	4	PLUG AS	
					(EACH INCLUDES)	
		1	**9S-8004**	1	PLUG (9/16-18-THD)	
		1	**214-7568**	1	SEAL-O-RING	
	2	1	*307-2671*	1	PLUG AS	
		1	**9S-8002**	1	PLUG (7/16-20-THD)	
		1	**214-7566**	1	SEAL-O-RING	
	3	1	*309-5131*	3	PLUG AS	
					(EACH INCLUDES)	
		1	**9S-8006**	1	PLUG (7/8-14-THD)	
		1	**238-5081**	1	SEAL-O-RING	



LEFT SIDE VIEW OF ENGINE



RIGHT SIDE VIEW OF ENGINE

GRAPHIC #1 <END> g02143013

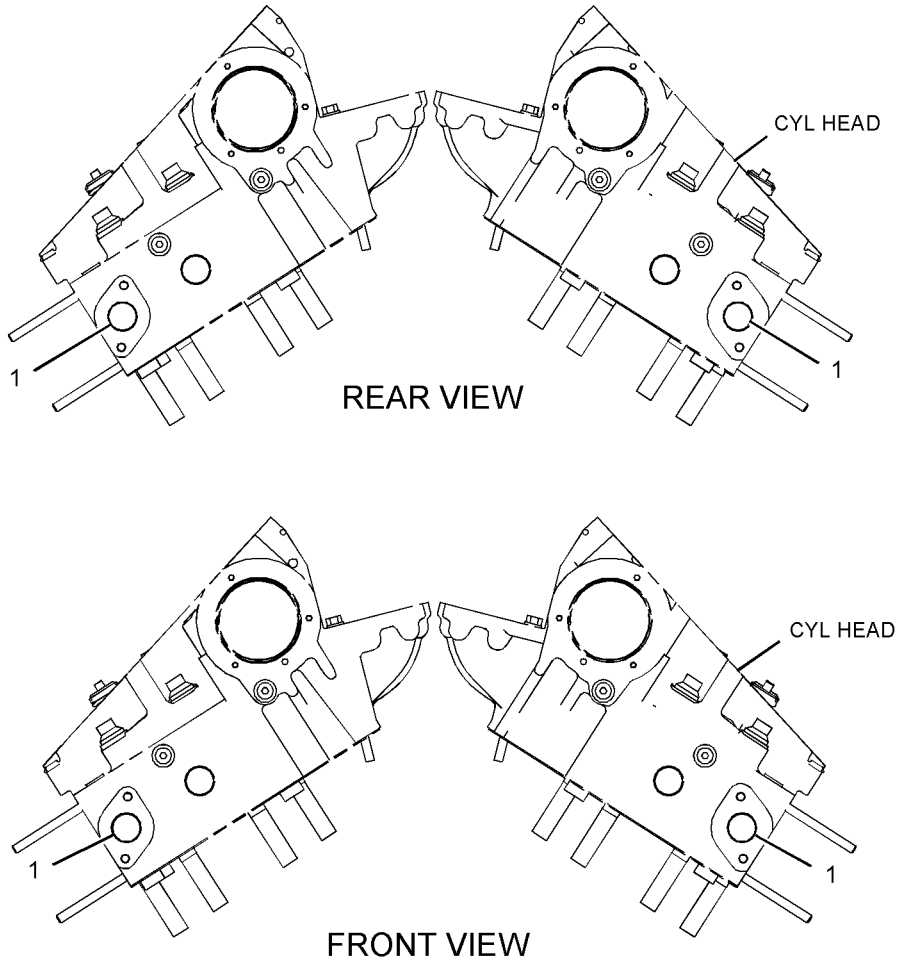
223-6407 PLUG GP-CYLINDER HEAD

S/N: EHX1-UP

PART OF 217-5670, 271-8633, 360-3755 ENGINE AR-COMPLETE

SMCS-1100 **i02040812**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3B-0645**	4	PLUG-CUP	



GRAPHIC #1

<END>

g01051070

243-2468 ROCKER ARM GP

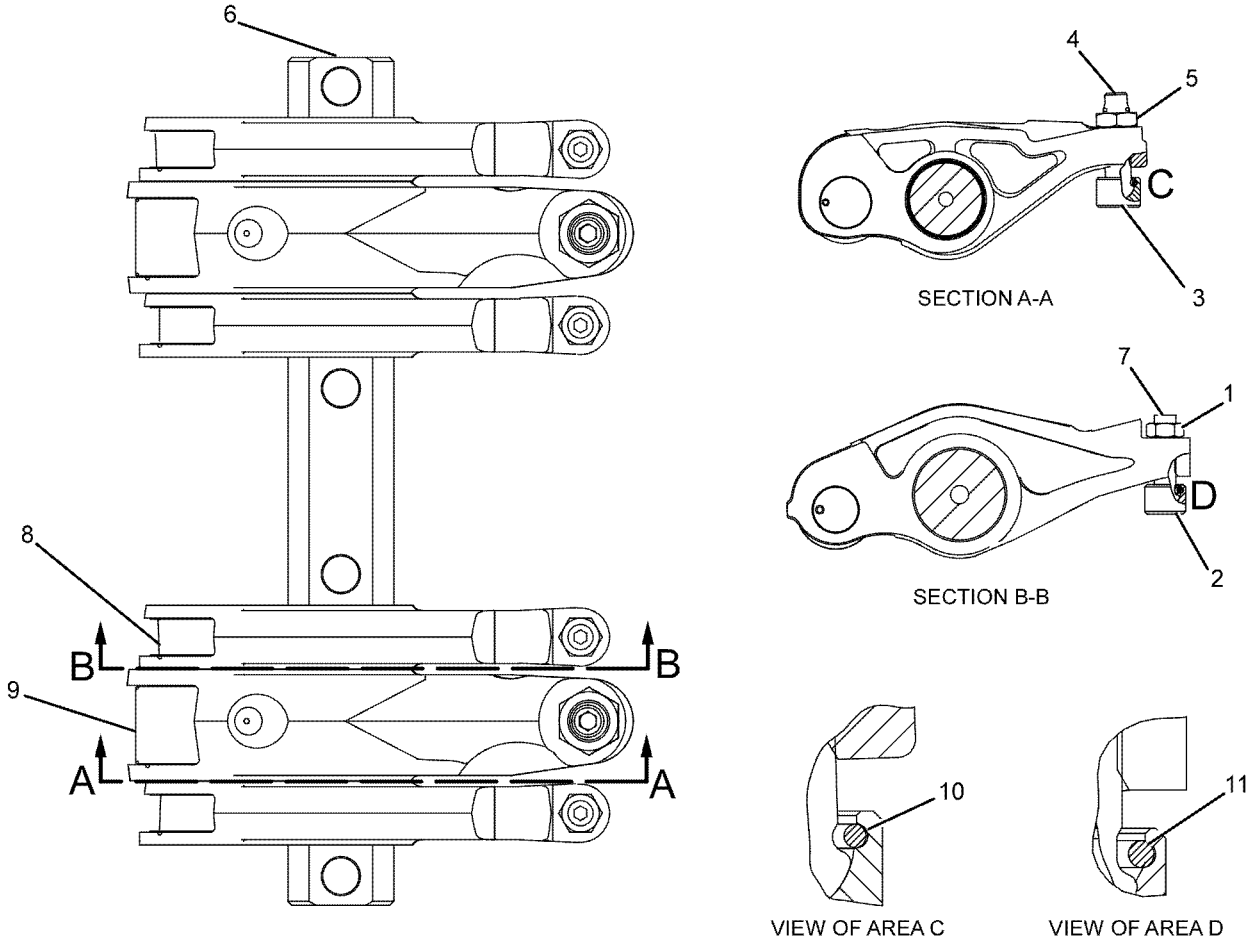
S/N: EHX1-2688

PART OF 260-9631 MECHANISM GP-FUEL PUMP & VALVE, 223-6398 VALVE MECHANISM GP

SMCS-1123 **i02659852**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9L-7712**	4	NUT (3/8-24-THD)	
	2	1	**104-9270**	4	BUTTON	
	3	1	**192-4151**	2	BUTTON	
	4	1	**196-5069**	2	SCREW-ARM ADJUSTMENT (9/16-18X2-IN)	
	5	1	**196-5070**	2	NUT-JAM (9/16-18-THD)	
	6	1	**223-1127**	1	SHAFT AS (ROCKER ARM)	
		1	**4B-9782**	2	BALL	
	7	1	**232-0253**	4	SCREW-ARM ADJUSTMENT (3/8-24X1.20-IN)	
R	8	1	**259-6122**	4	ROCKER ARM AS (VALVE)	
R	9	1	**243-2466**	2	ROCKER ARM AS (UNIT INJECTOR)	
	10	1	**061-8639**	2	SEAL-O-RING	
	11	1	**8L-2777**	4	SEAL-O-RING	

R - REMANUFACTURED PART MAY BE AVAILABLE



GRAPHIC #1 <END> g01051161

280-8043 ROCKER ARM GP

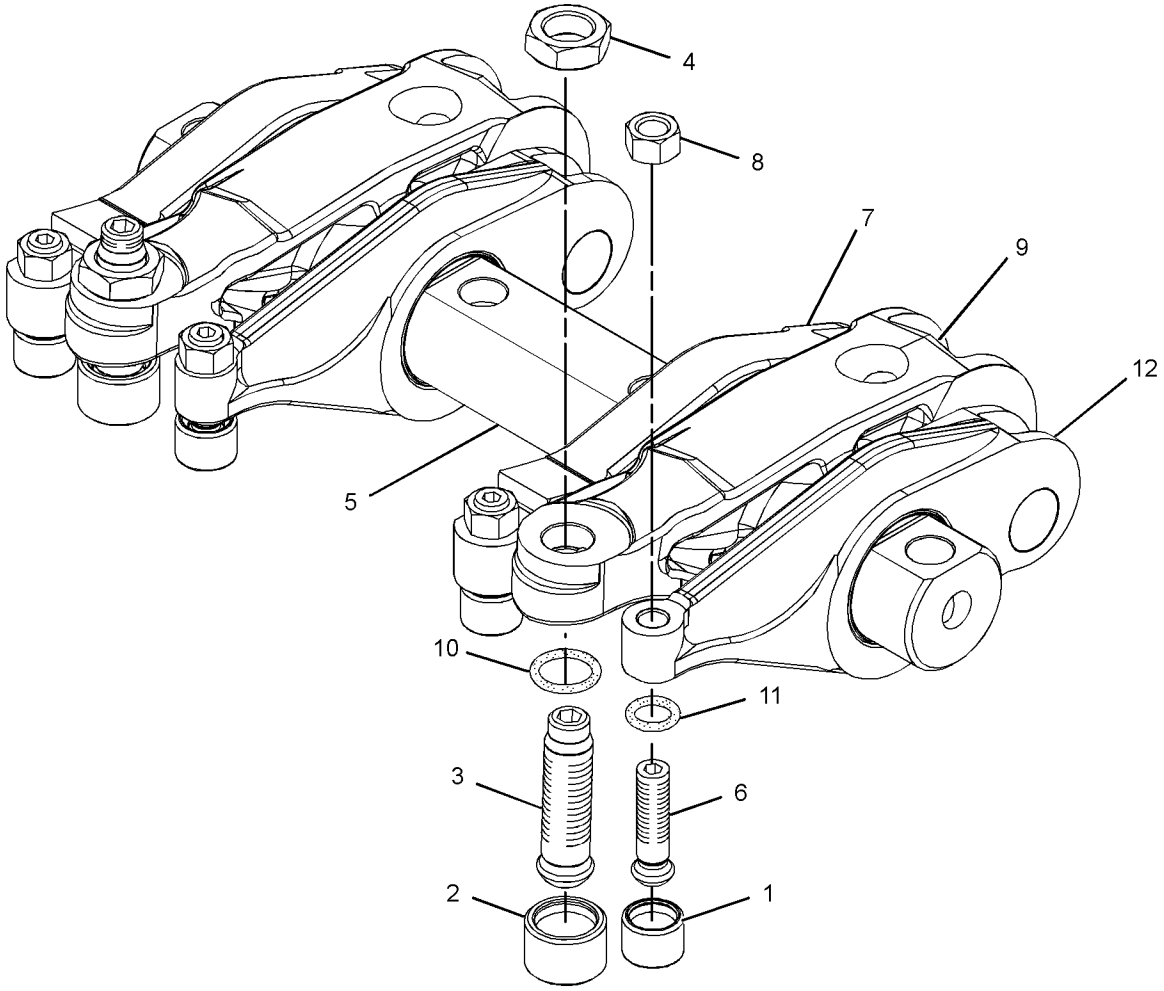
S/N: EHX2689-UP

PART OF 260-9631 MECHANISM GP-FUEL PUMP & VALVE

SMCS-1123 **i03743945**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**258-8721**	4	BUTTON	
	2	1	**192-4151**	2	BUTTON	
	3	1	**196-5069**	2	SCREW-ARM ADJUSTMENT (9/16-18X2-IN)	
	4	1	**196-5070**	2	NUT-JAM (9/16-18-THD)	
	5	1	**313-4085**	1	SHAFT AS-ROCKER ARM	
		1	**4B-9782**	2	BALL	
	6	1	**274-4491**	4	SCREW-ARM ADJUSTMENT (3/8-24X1.20-IN)	
R	7	1	**276-4132**	2	ROCKER ARM AS (VALVE)	
	8	1	**276-5317**	4	NUT (3/8-24-THD)	
R	9	1	**278-1363**	2	ROCKER ARM AS (UNIT INJECTOR)	
	10	1	**061-8639**	2	SEAL-O-RING	
	11	1	**8L-2777**	4	SEAL-O-RING	
R	12	1	**320-2797**	2	ROCKER ARM AS	

R - REMANUFACTURED PART MAY BE AVAILABLE



GRAPHIC #1 <END> g01322874

301-5349 ROCKER ARM GP

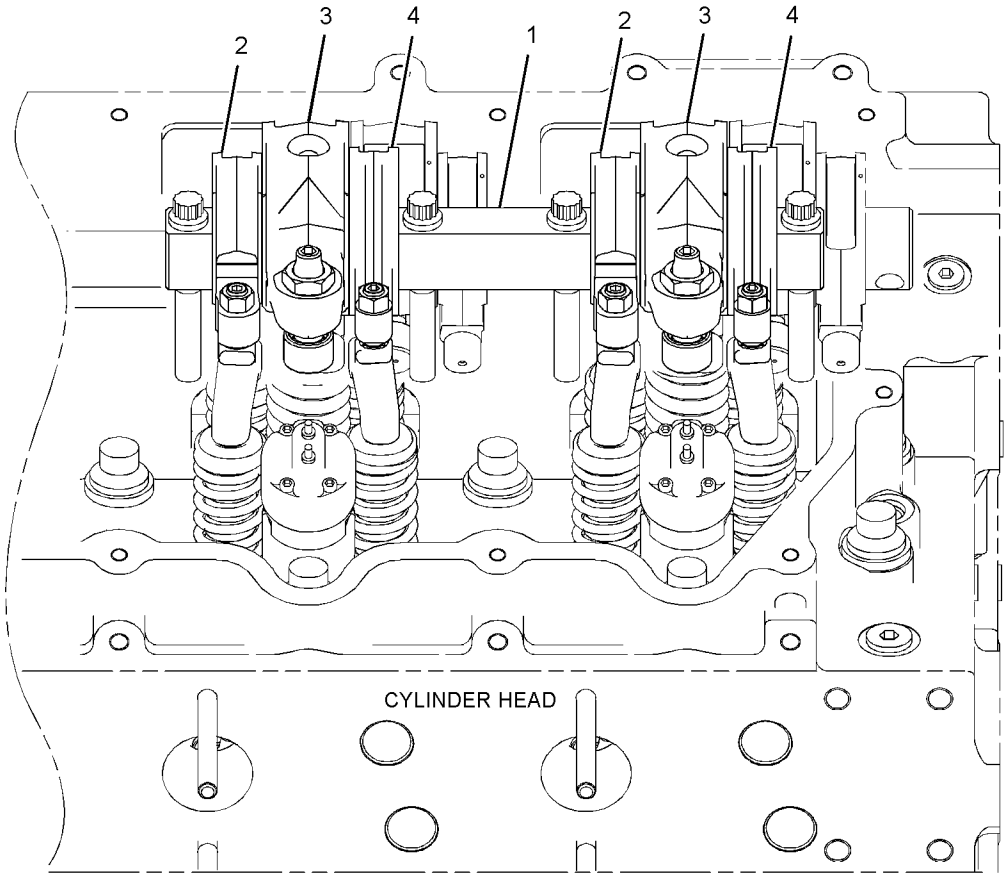
S/N: EHX2689-UP

PART OF 260-9631 MECHANISM GP-FUEL PUMP & VALVE

SMCS-1123 **i03100848**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**313-4085**	1	SHAFT AS-ROCKER ARM	
		1	**4B-9782**	2	BALL	
Y	2	1	*301-5350*	2	ROCKER ARM GP (EXHAUST)	132
YR	3	1	*301-5352*	2	ROCKER ARM GP (UNIT INJECTOR)	133
Y	4	1	*301-5354*	2	ROCKER ARM GP (INTAKE)	134

R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g01340078

301-5350 ROCKER ARM GP

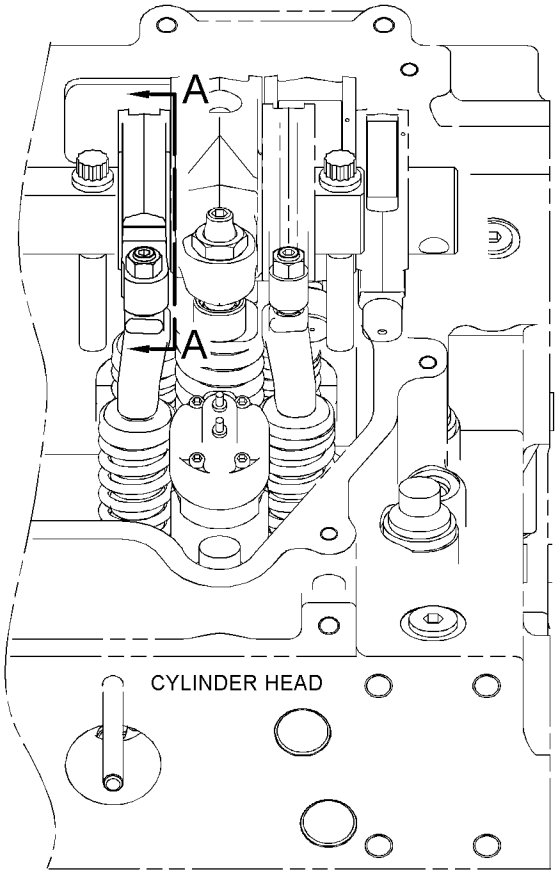
S/N: EHX2689-UP

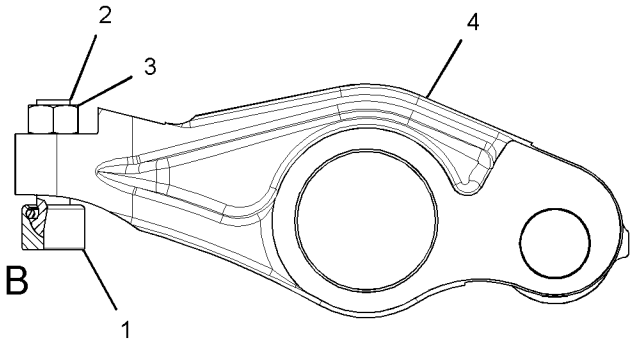
PART OF 301-5349 ROCKER ARM GP

SMCS-1123 **i02662955**

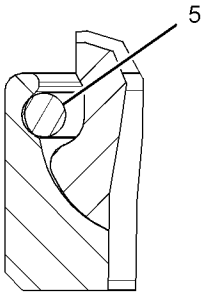
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**258-8721**	1	BUTTON	
	2	1	**274-4491**	1	SCREW-ARM ADJUSTMENT (3/8-24X1.20-IN)	
	3	1	**276-5317**	1	NUT (3/8-24-THD)	
R	4	1	**301-5351**	1	ROCKER ARM AS	
	5	1	**8L-2777**	1	SEAL-O-RING	

R - REMANUFACTURED PART MAY BE AVAILABLE





VIEW A-A



VIEW OF AREA B

GRAPHIC #1 <END> g01340076

301-5352 ROCKER ARM GP–UNIT INJECTOR*R

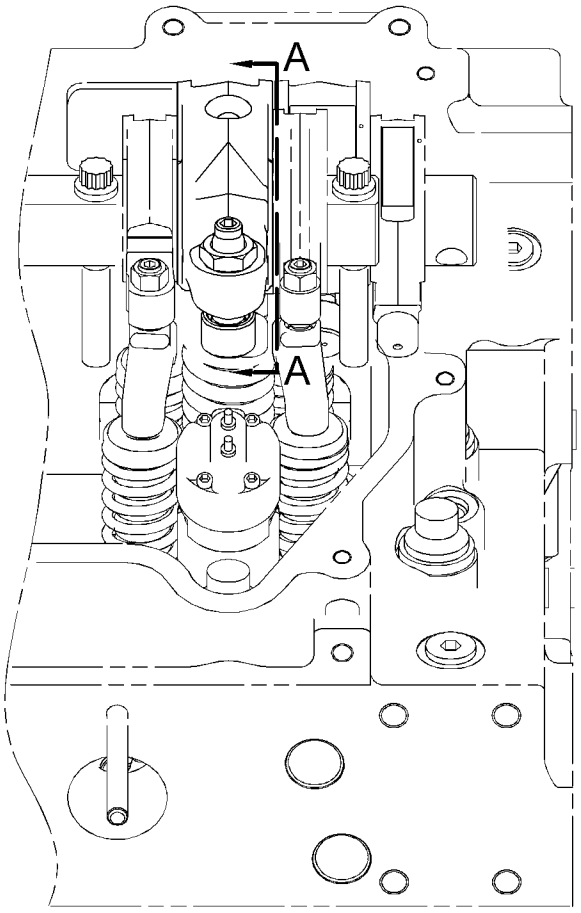
S/N: EHX2689-UP

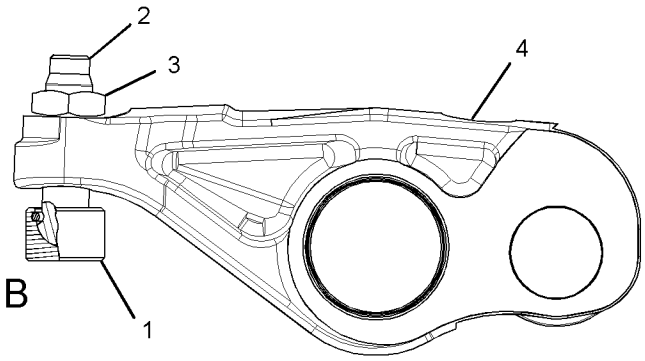
PART OF 301-5349, 320-2793, 342-6643, 392-0066 ROCKER ARM GP

SMCS-1123 **i05656966**

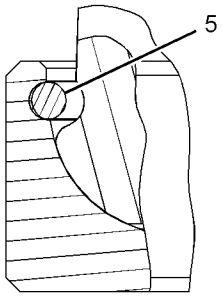
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**192-4151**	1	BUTTON	
	2	1	**196-5069**	1	SCREW-ARM ADJUSTMENT (9/16-18X2-IN)	
	3	1	**196-5070**	1	NUT-JAM (9/16-18-THD)	
R	4	1	**278-1363**	1	ROCKER ARM AS	
	5	1	**061-8639**	1	SEAL-O-RING	

R - REMANUFACTURED PART MAY BE AVAILABLE





VIEW A-A



VIEW OF AREA B

GRAPHIC #1 <END> g01340074

301-5354 ROCKER ARM GP–VALVE

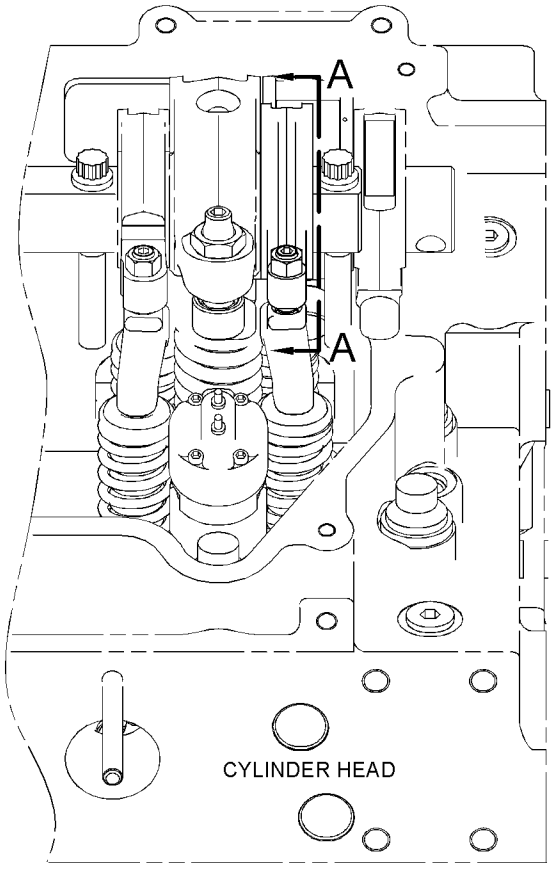
S/N: EHX2689-UP

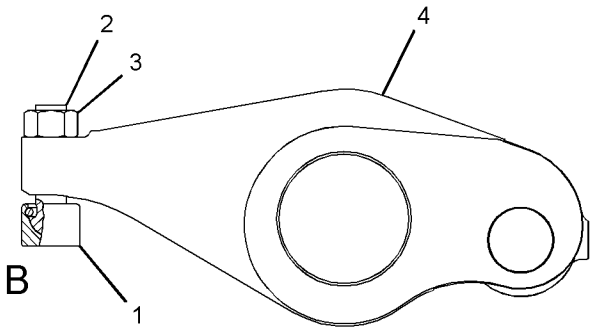
PART OF 301-5349 ROCKER ARM GP

SMCS-1123 **i02662992**

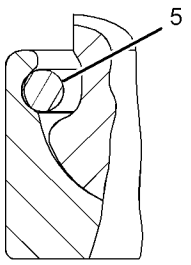
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**258-8721**	1	BUTTON	
	2	1	**274-4491**	1	SCREW-ARM ADJUSTMENT (3/8-24X1.20-IN)	
	3	1	**276-5317**	1	NUT (3/8-24-THD)	
R	4	1	**301-5355**	1	ROCKER ARM AS	
	5	1	**8L-2777**	1	SEAL-O-RING	

R - REMANUFACTURED PART MAY BE AVAILABLE





VIEW A-A



VIEW OF AREA B

GRAPHIC #1 <END> g01340052

320-2793 ROCKER ARM GP–VALVE

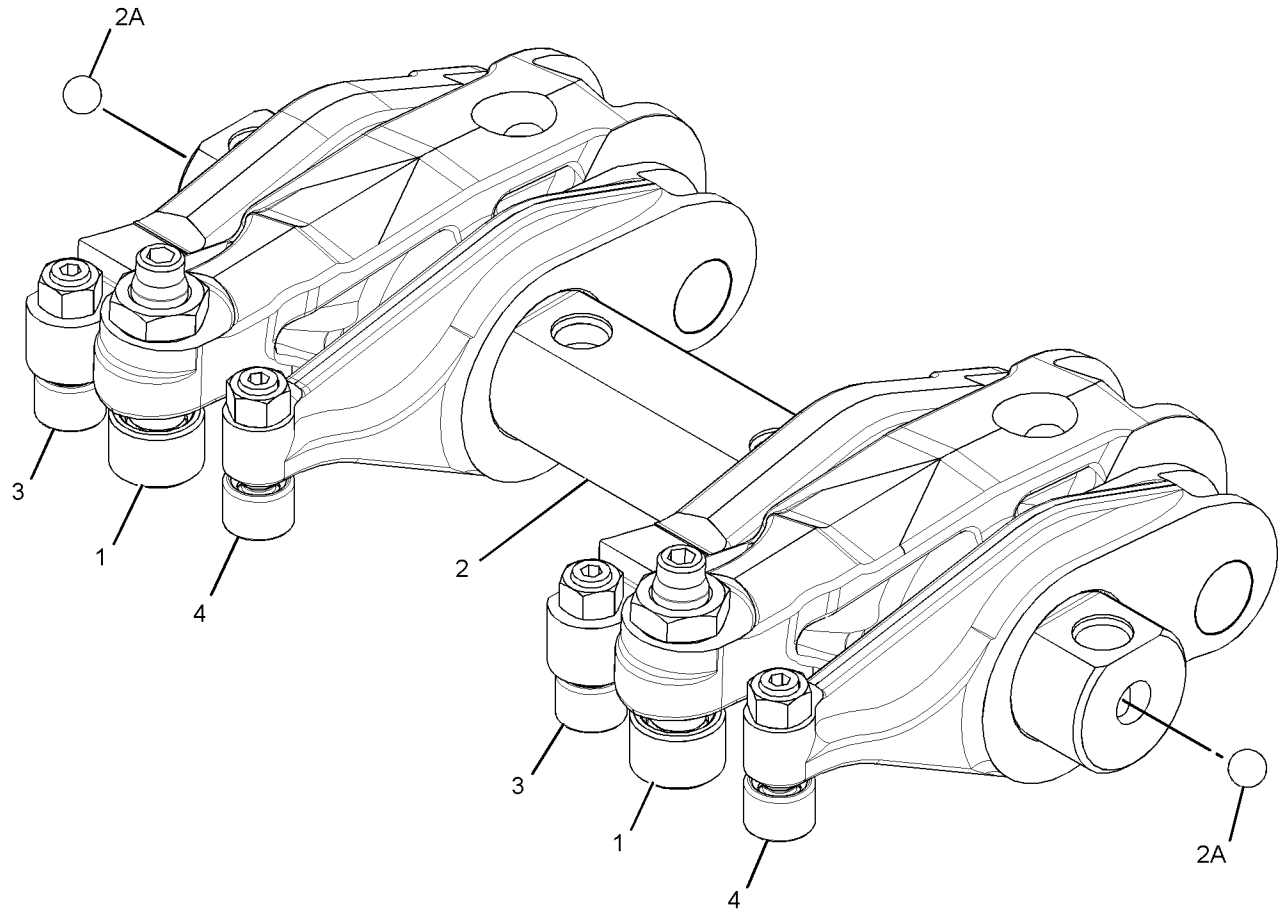
S/N: EHX3317-UP

PART OF 260-9631 MECHANISM GP-FUEL PUMP & VALVE

SMCS-1123 **i03008808**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
YR	1	1	*301-5352*	2	ROCKER ARM GP (UNIT INJECTOR)	133
	2	1	**313-4085**	1	SHAFT AS-ROCKER ARM	
	2A	1	**4B-9782**	2	BALL	
YR	3	1	*320-2794*	2	ROCKER ARM GP	136
YR	4	1	*320-2796*	2	ROCKER ARM GP	137

R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g01533693

320-2794 ROCKER ARM GP*R

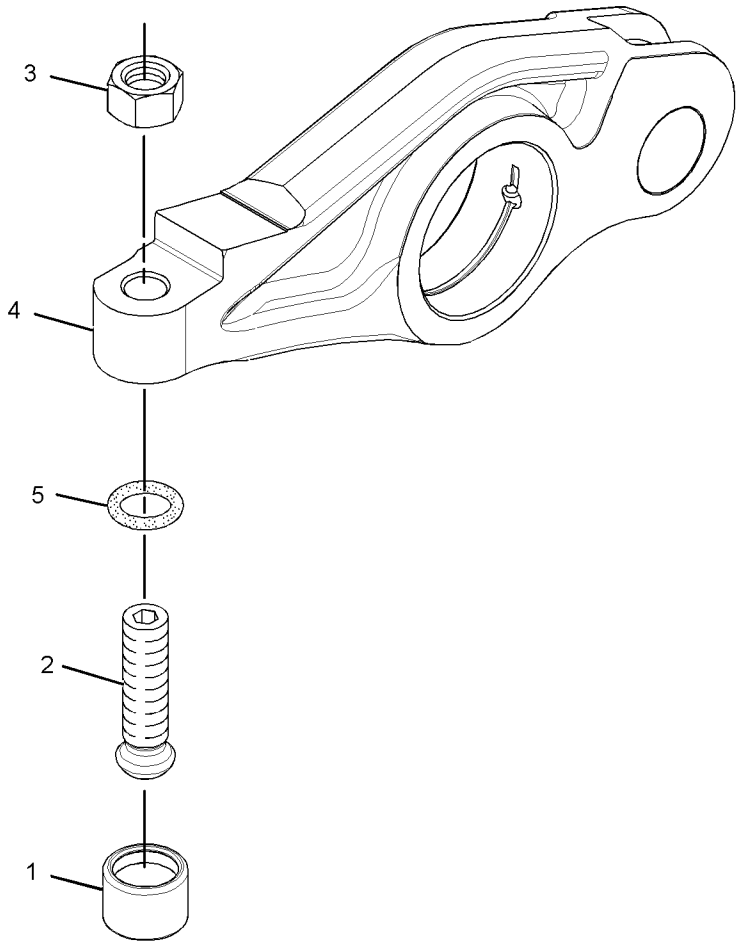
S/N: EHX3317-UP

PART OF 320-2793, 342-6643 ROCKER ARM GP

SMCS-1123 **i05750659**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**258-8721**	1	BUTTON	
	2	1	**274-4491**	1	SCREW-ARM ADJUSTMENT (3/8-24X1.20-IN)	
	3	1	**276-5317**	1	NUT (3/8-24-THD)	
R	4	1	**320-2795**	1	ROCKER ARM AS	
	5	1	**8L-2777**	1	SEAL-O-RING	

R - REMANUFACTURED PART MAY BE AVAILABLE



GRAPHIC #1 <END> g01533674

320-2796 ROCKER ARM GP*R

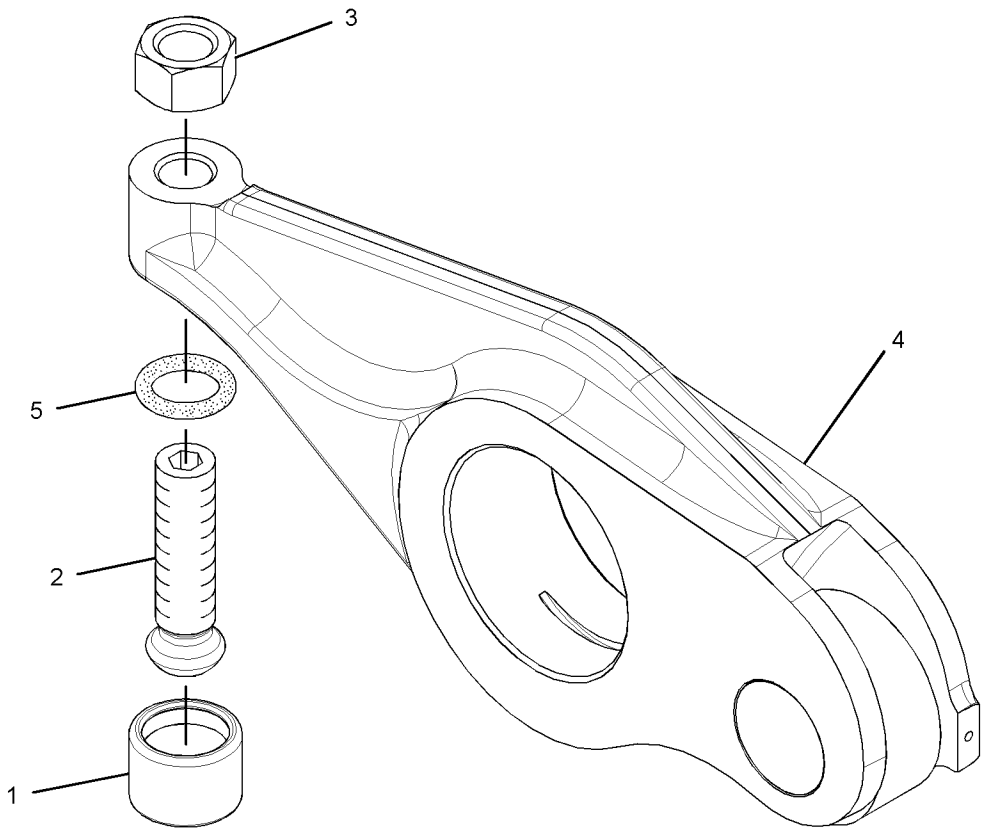
S/N: EHX3317-UP

PART OF 320-2793 ROCKER ARM GP

SMCS-1123 **i05751001**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**258-8721**	1	BUTTON	
	2	1	**274-4491**	1	SCREW-ARM ADJUSTMENT (3/8-24X1.20-IN)	
	3	1	**276-5317**	1	NUT (3/8-24-THD)	
R	4	1	**320-2797**	1	ROCKER ARM AS	
	5	1	**8L-2777**	1	SEAL-O-RING	

R - REMANUFACTURED PART MAY BE AVAILABLE



GRAPHIC #1 <END> g01526902

342-6643 ROCKER ARM GP–VALVE

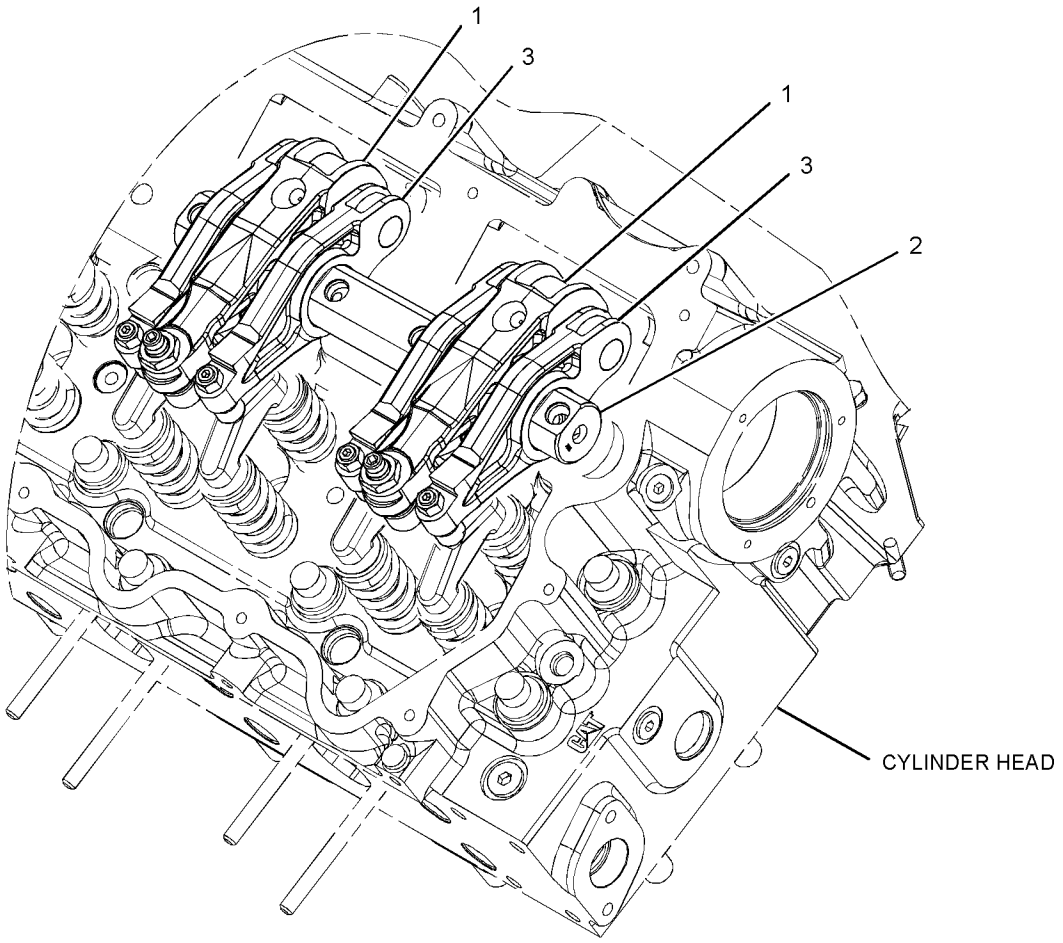
S/N: EHX3317-UP

PART OF 260-9631 MECHANISM GP-FUEL PUMP & VALVE

SMCS-1123 **i05858196**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
YR	1	1	*301-5352*	2	ROCKER ARM GP (UNIT INJECTOR)	133
	2	1	**313-4085**	1	SHAFT AS-ROCKER ARM	
		1	**4B-9782**	2	BALL	
YR	3	1	*320-2794*	4	ROCKER ARM GP (INLET, EXHAUST)	136

R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g01903714

384-1365 ROCKER ARM GP

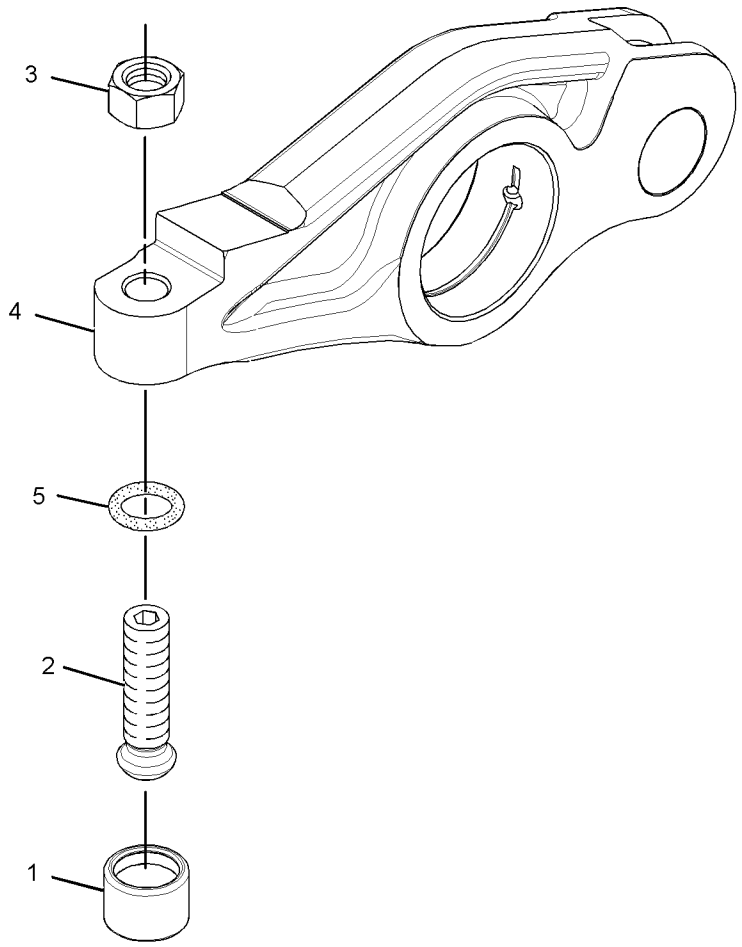
S/N: EHX6013-UP

PART OF 392-0066 ROCKER ARM GP

SMCS-1123 **i05657163**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**258-8721**	1	BUTTON	
	2	1	**274-4491**	1	SCREW-ARM ADJUSTMENT (3/8-24X1.20-IN)	
	3	1	**276-5317**	1	NUT (3/8-24-THD)	
R	4	1	**384-1366**	1	ROCKER ARM AS	
	5	1	**8L-2777**	1	SEAL-O-RING	

R - REMANUFACTURED PART MAY BE AVAILABLE



GRAPHIC #1 <END> g01533674

392-0066 ROCKER ARM GP

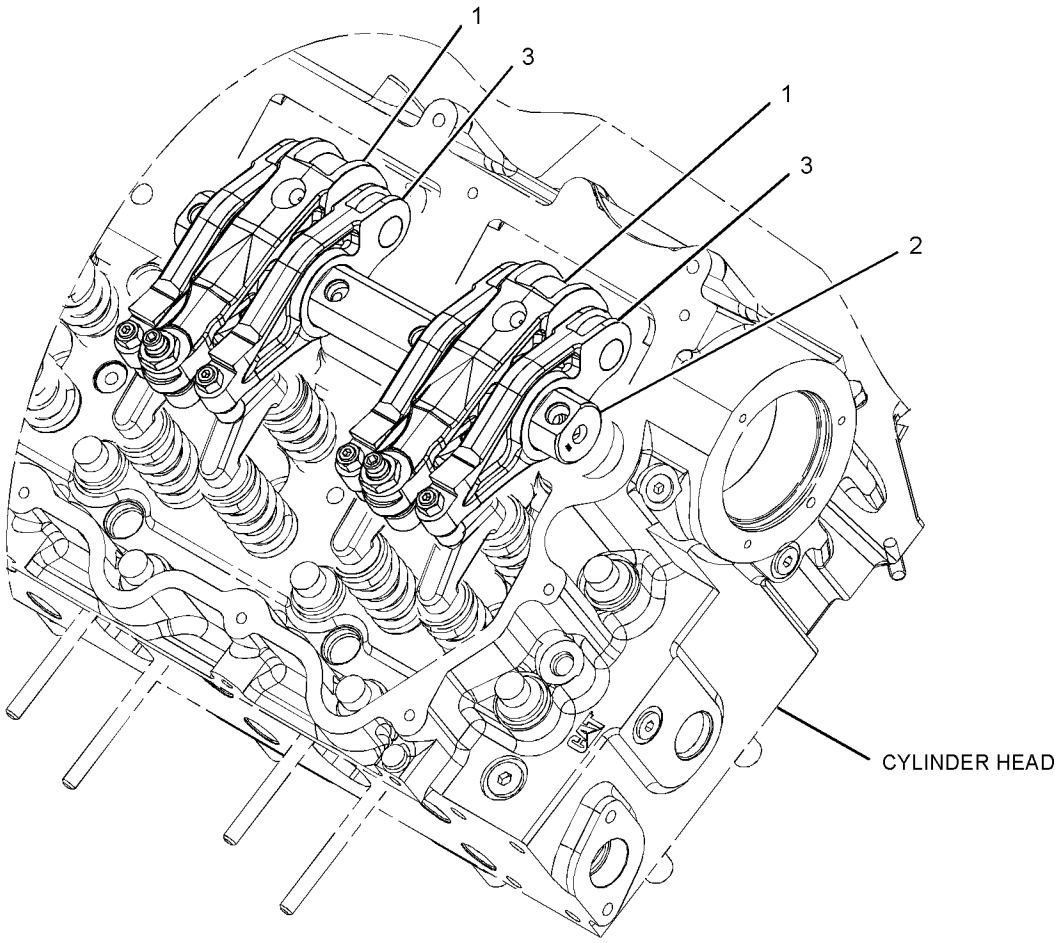
S/N: EHX6013-UP

PART OF 260-9631 MECHANISM GP-FUEL PUMP & VALVE

SMCS-1123 **i05657327**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
YR	1	1	*301-5352*	2	ROCKER ARM GP (UNIT INJECTOR)	133
	2	1	**313-4085**	1	SHAFT AS-ROCKER ARM	
		1	**4B-9782**	2	BALL	
Y	3	1	*384-1365*	4	ROCKER ARM GP (EXHAUST)	139

R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g01903714

437-3876 ROCKER ARM GP

S/N: EHX6013-UP

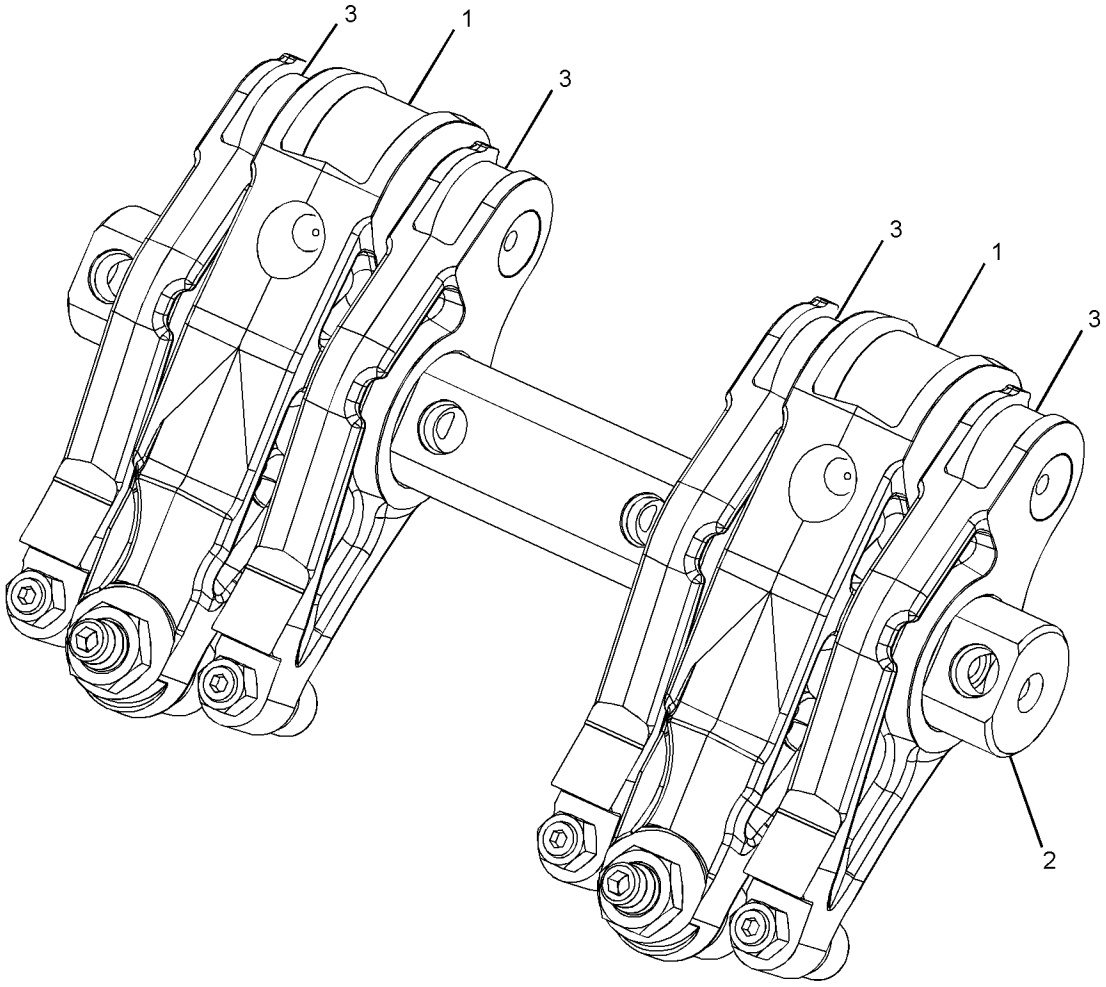
PART OF 260-9631 MECHANISM GP-FUEL PUMP & VALVE

TYPE 1

SMCS-1123 **i05645673**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	*437-3881*	2	ROCKER ARM GP (UNIT INJECTOR)	144
	2	1	**313-4085**	1	SHAFT AS-ROCKER ARM	
		1	**4B-9782**	2	BALL	
Y	3	1	*437-3877*	4	ROCKER ARM GP (EXHAUST)	143

Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g03365160

437-3876 ROCKER ARM GP

S/N: EHX6013-UP

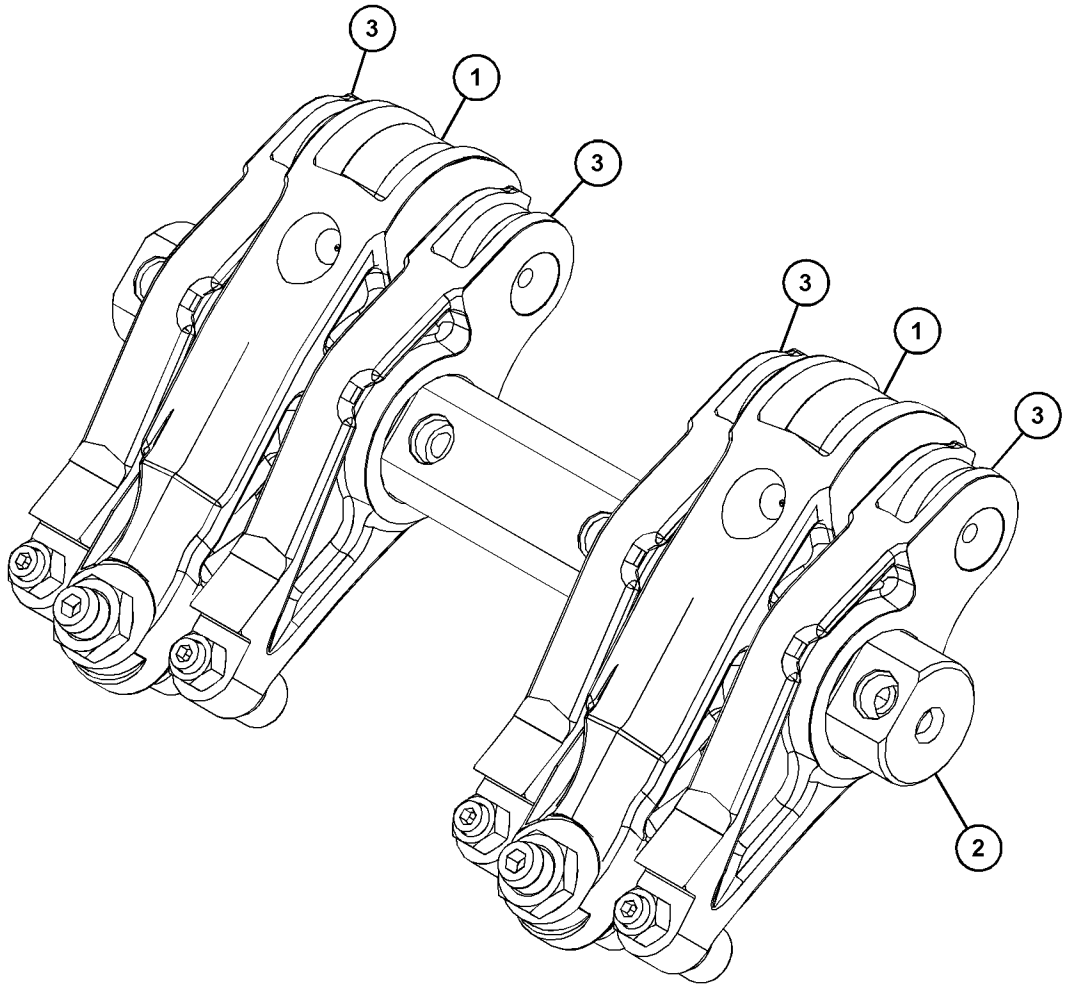
PART OF 260-9631 MECHANISM GP-FUEL PUMP & VALVE

TYPE 2

SMCS-1123 **i06936237**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
CY	1	1	*489-8223*	2	ROCKER ARM GP (UNIT INJECTOR)	145
	2	1	**313-4085**	1	SHAFT AS-ROCKER ARM	
		1	**4B-9782**	2	BALL	
Y	3	1	*437-3877*	4	ROCKER ARM GP (EXHAUST)	143

C - CHANGE FROM PREVIOUS TYPE
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g06174535

437-3877 ROCKER ARM GP–EXHAUST

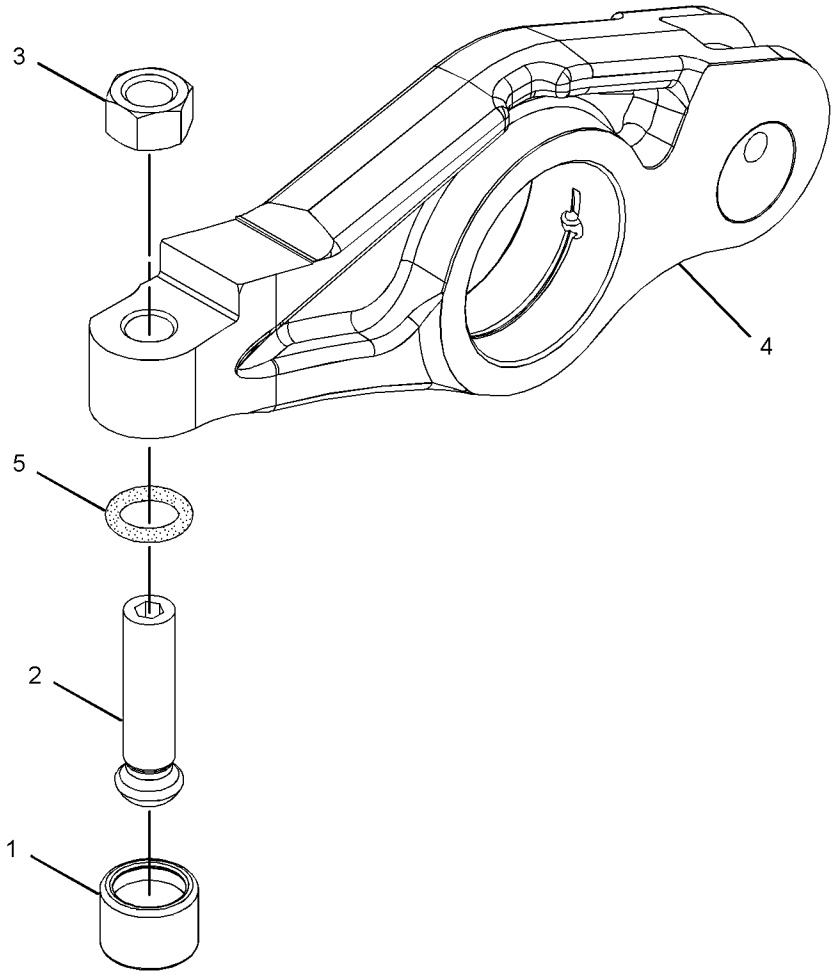
S/N: EHX6013-UP

PART OF 437-3876 ROCKER ARM GP

SMCS-1123 **i05645687**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**258-8721**	1	BUTTON	
	2	1	**274-4491**	1	SCREW-ARM ADJUSTMENT (3/8-24X1.20-IN)	
	3	1	**3S-2713**	1	NUT-FULL (3/8-24-THD)	
R	4	1	**437-3870**	1	ROCKER ARM AS	
	5	1	**8L-2777**	1	SEAL-O-RING	

R - REMANUFACTURED PART MAY BE AVAILABLE



GRAPHIC #1 <END> g03379862

437-3881 ROCKER ARM GP—UNIT INJECTOR

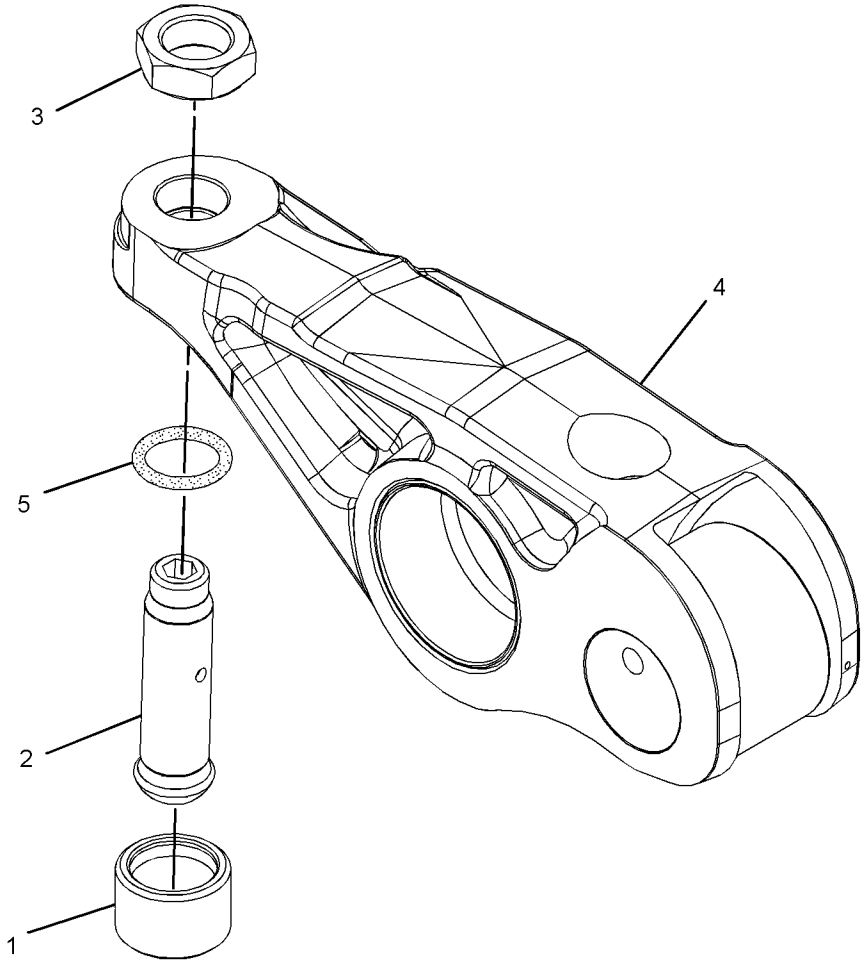
S/N: EHX6013-UP

PART OF 437-3876 ROCKER ARM GP

SMCS-1123 **i06901388**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**192-4151**	1	BUTTON	
	2	1	**196-5069**	1	SCREW-ARM ADJUSTMENT (9/16-18X2-IN)	
	3	1	**196-5070**	1	NUT-JAM (9/16-18-THD)	
R	4	1	**437-3880**	1	ROCKER ARM AS	
		1	**207-9576**	1	BUSHING	
		1	**269-2735**	1	ROLLER-LIFTER	
		1	**437-3859**	1	PIN	
	5	1	**061-8639**	1	SEAL-O-RING	

R - REMANUFACTURED PART MAY BE AVAILABLE



GRAPHIC #1 <END> g03379863

489-8223 ROCKER ARM GP

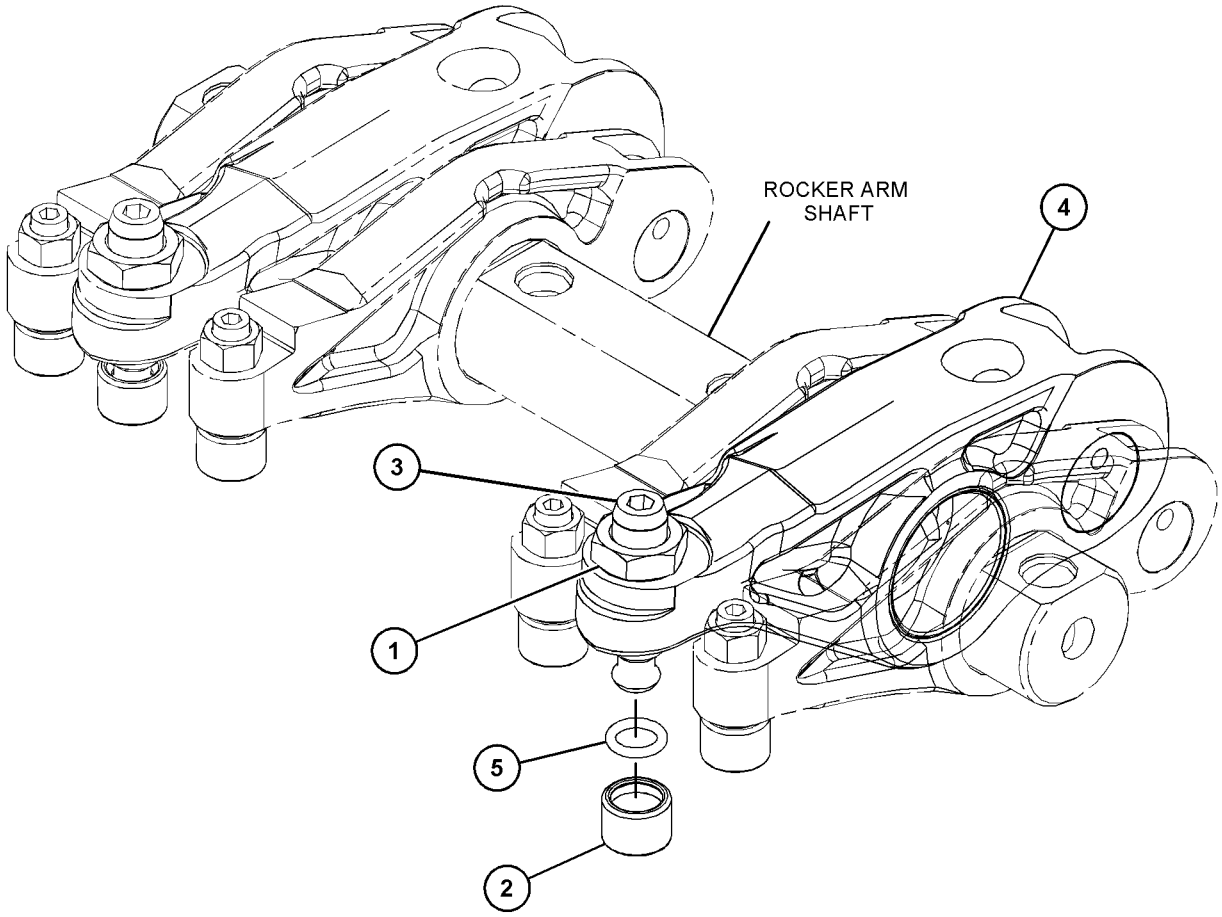
S/N: EHX6013-UP

PART OF 437-3876 ROCKER ARM GP

SMCS-1123 **i06753235**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**196-5070**	1	NUT-JAM (9/16-18-THD)	
	2	1	**258-8721**	1	BUTTON	
	3	1	**274-4492**	1	SCREW-ARM ADJUSTMENT	
R	4	1	**437-3880**	1	ROCKER ARM AS	
	5	1	**8L-2777**	1	SEAL-O-RING	

R - REMANUFACTURED PART MAY BE AVAILABLE



GRAPHIC #1 <END> g06111323

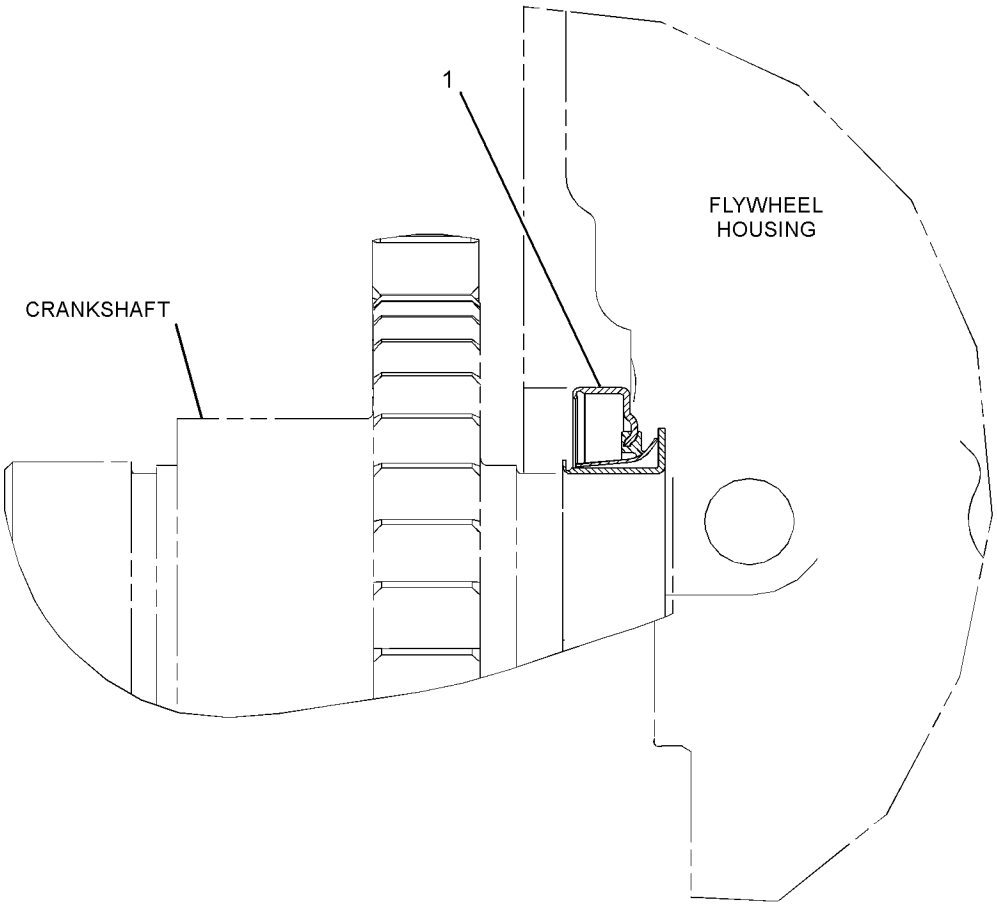
319-0785 SEAL GP-CRANKSHAFT–REAR

S/N: EHX2416-UP
FOR USE WITH CCW ROTATION
PART OF 217-5685, 273-1642 HOUSING GP-FLYWHEEL

SMCS-1160, 1161 **i06755641**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
J	1	1	**142-5868**	1	SEAL-CRANKSHAFT (REAR)	
					CRANKSHAFT SEAL 366-6004 IS AVAILABLE FOR FLOODED CONDITIONS	

J - FOR USE WITH DRY CLUTCH APPLICATIONS



RIGHT SIDE VIEW OF ENGINE

GRAPHIC #1 <END> g01496733

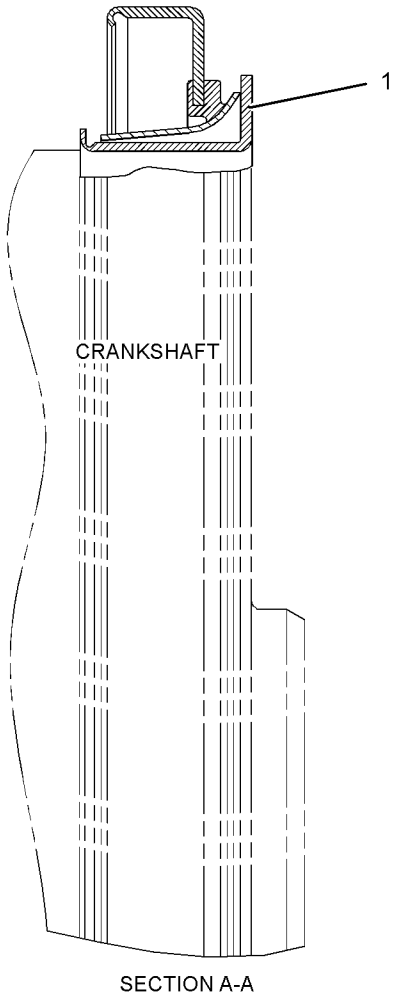
319-7401 SEAL GP-CRANKSHAFT—FRONT

S/N: EHX1-UP
FOR USE WITH CW ROTATION
PART OF 225-6052 CRANKSHAFT GP

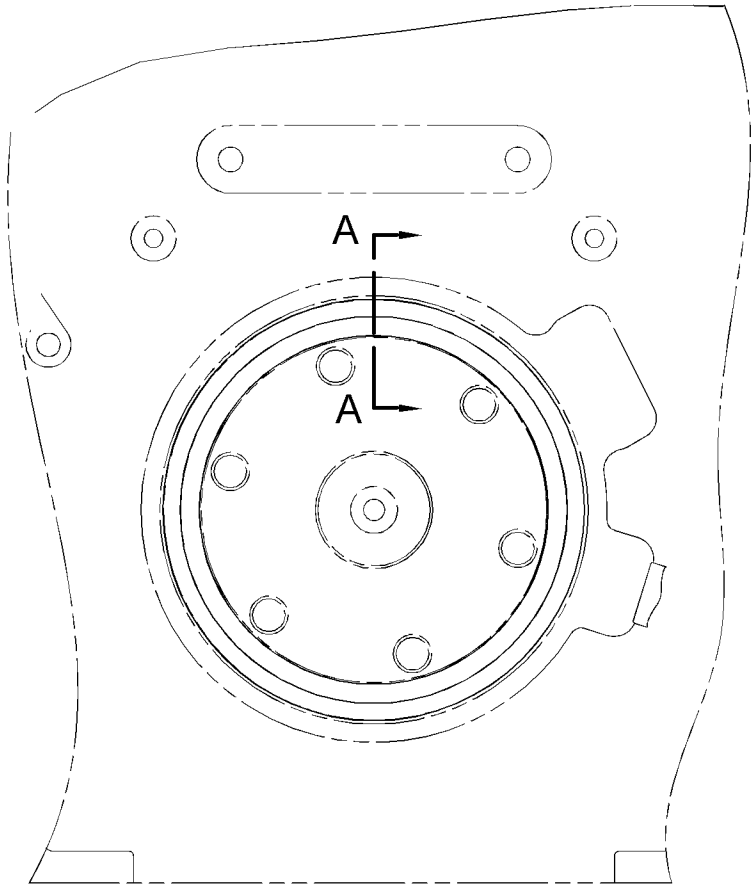
SMCS-1160, 1161

i06508342

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**142-5867**	1	SEAL-CRANKSHAFT (FRONT)	



SECTION A-A



FRONT VIEW OF ENGINE

GRAPHIC #1

<END>

g01516169

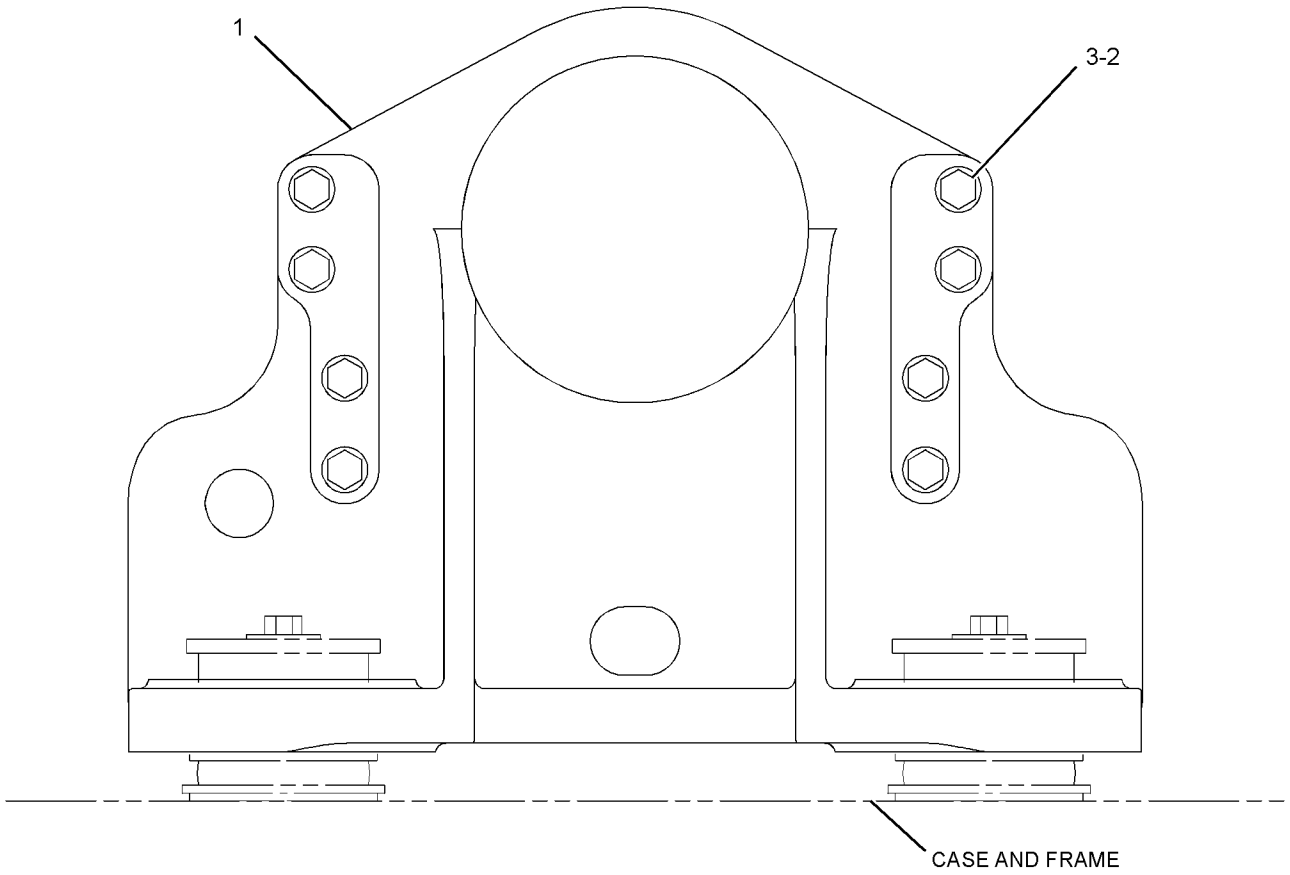
217-5672 SUPPORT GP-ENGINE

S/N: EHX1-UP

PART OF 217-5670, 271-8633, 360-3755 ENGINE AR-COMPLETE

SMCS-1152, 1153, 1154 **i05856657**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	*4P-2289*	1	SUPPORT AS-ENGINE	
		1	**9Y-7770**	1	SUPPORT-ENGINE	
		1	**4N-0683**	2	DOWEL	
	2	1	**5P-8245**	8	WASHER-HARD (13.5X25.5X3-MM THK)	
	3	1	**9X-8878**	8	BOLT (1/2-13X5.25-IN)	



GRAPHIC #1 <END> g01467329

7E-0644 SUPPORT GP-ENGINE

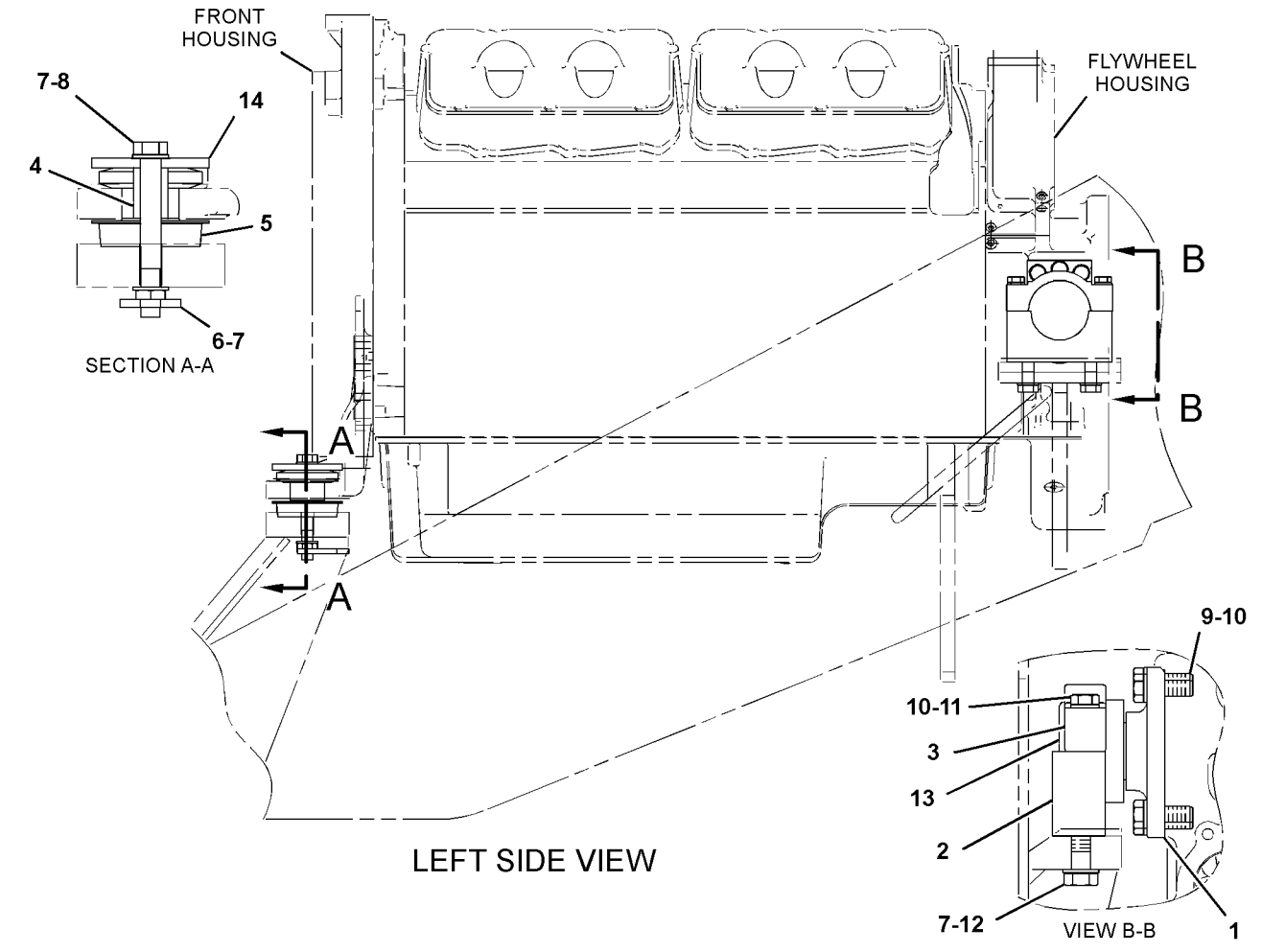
S/N: BTW1-UP

PART OF 217-5671 INSTALLATION AR-ENGINE

SMCS-1152, 1153, 1154 **i06603663**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**100-9222**	2	SUPPORT-ENGINE	
	2	1	**100-9220**	2	SUPPORT	
	3	1	**4P-7882**	2	CAP	
	4	1	**9W-7385**	2	SLEEVE	
	5	1	**6Y-9980**	2	MOUNT AS	
C	6	1	**7Y-1030**	2	SUPPORT AS	
					(EACH INCLUDES)	
M		1	**7Y-5233**	1	LOCKNUT (M24X3-THD)	
C	7	1	**8T-4167**	8	WASHER-HARD (26X44X4-MM THK)	
CM	8	1	**7X-2578**	2	BOLT (M24X3X200-MM)	
M	9	1	**7X-2563**	12	BOLT (M20X2.5X60-MM)	
	10	1	**8T-4123**	16	WASHER (3.62X5.75X0.375-MM THK)	
M	11	1	**7X-2564**	4	BOLT (M20X2.5X90-MM)	
M	12	1	**8T-5878**	4	BOLT (M24X3X80-MM)	
	13	1	**6Y-2090**	2	MOUNT AS	
C	14	1	**8Y-7119**	2	WASHER (26X144X12-MM THK)	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART



GRAPHIC #1 <END> g06092832

223-6398 VALVE MECHANISM GP

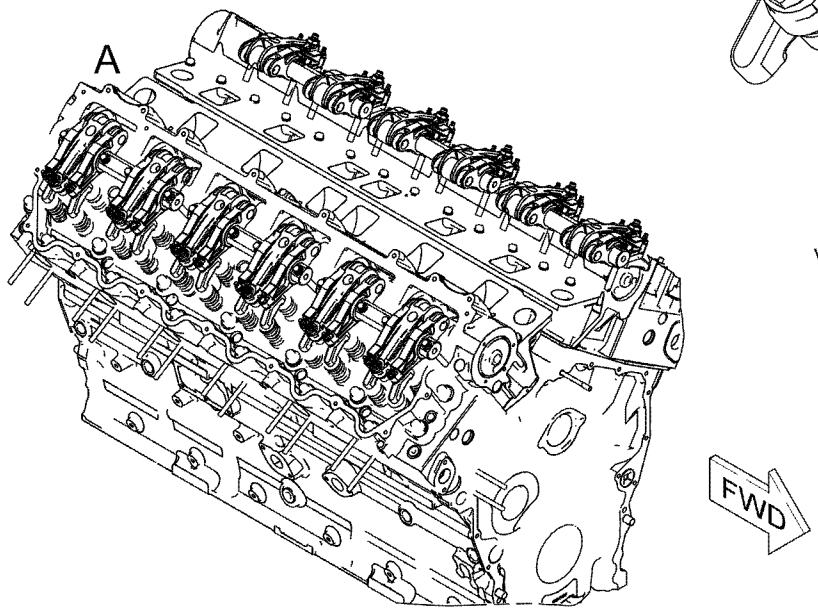
S/N: EHX1-2415

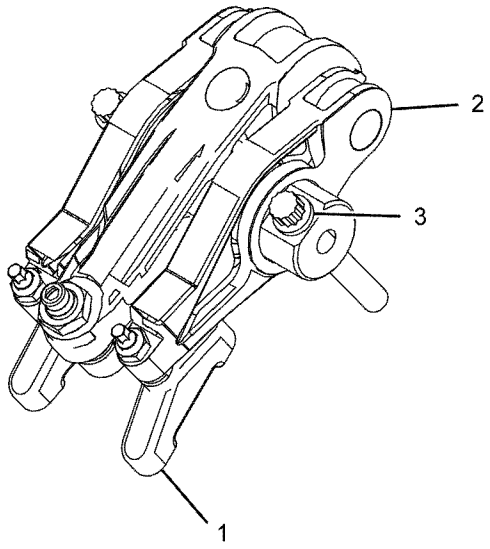
PART OF 231-3701 ENGINE AR-CORE

SMCS-1102, 1121, 1123 **i02041087**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6I-1458**	24	BRIDGE-VALVE	
Y	2	1	*243-2468*	6	ROCKER ARM GP	129
	3	1	**5J-5794**	24	BOLT (1/2-13X3.5-IN)	

Y - SEPARATE ILLUSTRATION





VIEW OF AREA A

GRAPHIC #1 <END> g01051266

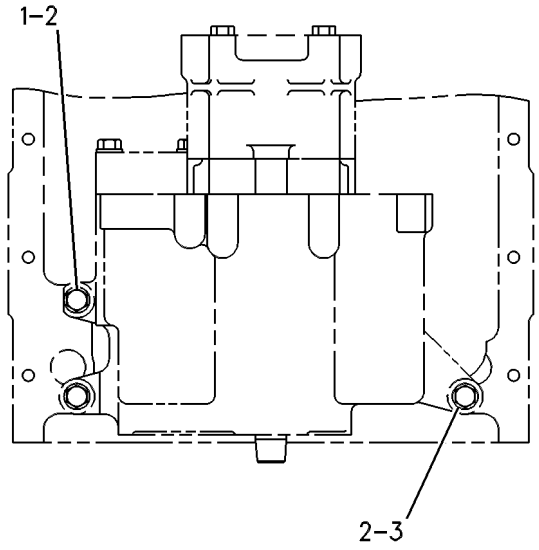
119-8583 FASTENER GP-OIL PUMP MOUNTING–ENGINE

S/N: EHX1-UP

PART OF 231-3701, 262-9144, 350-5499 ENGINE AR-CORE

SMCS-1304 **i02334496**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**0L-1143**	1	BOLT (3/8-16X2.5-IN)	
	2	1	**5M-2894**	3	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	3	1	**0S-1619**	2	BOLT (3/8-16X3-IN)	



GRAPHIC #1 <END> g00086534

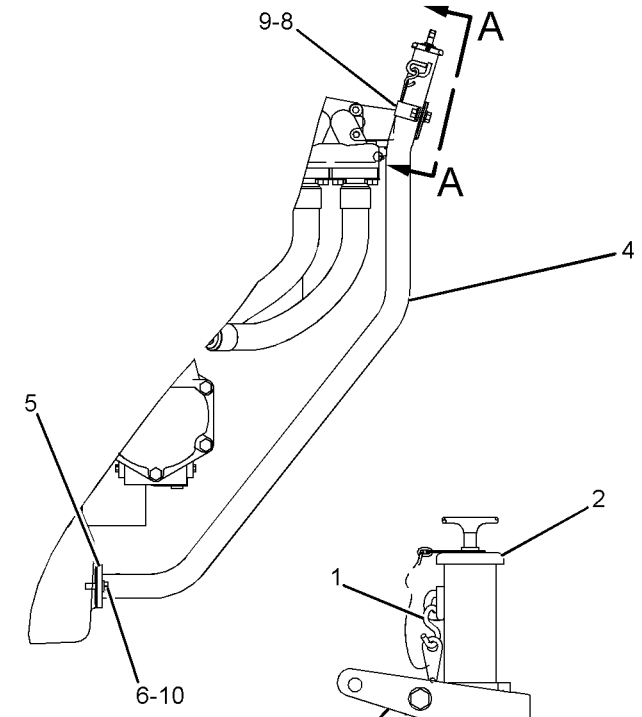
226-5494 FILLER GP-ENGINE OIL

S/N: EHX1-UP

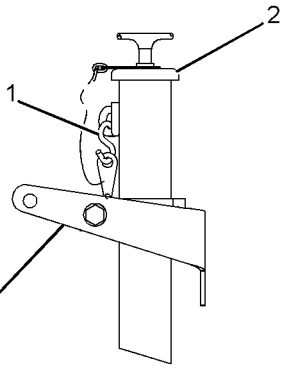
PART OF 217-5670, 271-8633, 360-3755 ENGINE AR-COMPLETE

SMCS-1316 **i02437427**

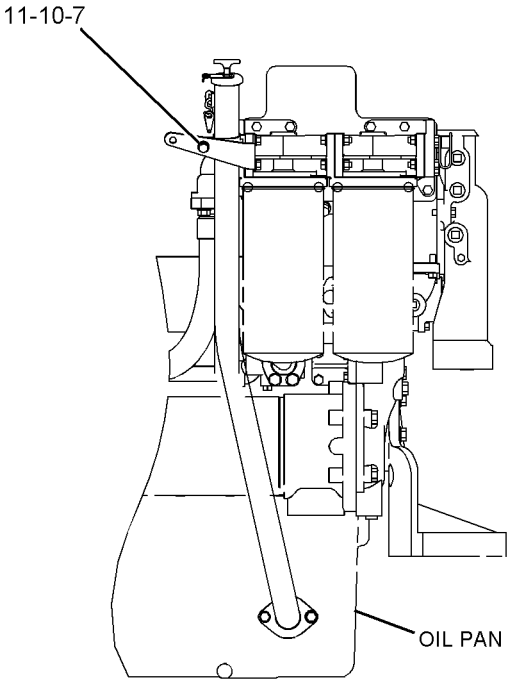
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3F-6156**	1	HOOK	
	2	1	**6G-9333**	1	CAP-FILLER (ENGINE OIL)	
	3	1	**206-5095**	1	BRACKET	
	4	1	**226-5495**	1	TUBE AS	
	5	1	**239-5572**	1	SEAL-INTEGRAL	
	6	1	**0S-1588**	2	BOLT (3/8-16X1.25-IN)	
	7	1	**0S-1594**	1	BOLT (3/8-16X1-IN)	
	8	1	**143-4535**	1	CLIP (SLOT)	
	9	1	**143-4536**	1	CLIP (TAB)	
	10	1	**5M-2894**	4	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	11	1	**9S-8752**	1	NUT-FULL (3/8-16-THD)	



FRONT VIEW



SECTION A-A



LEFT SIDE VIEW

GRAPHIC #1 <END> g01050942

271-4023 FILTER GP-ENGINE OIL

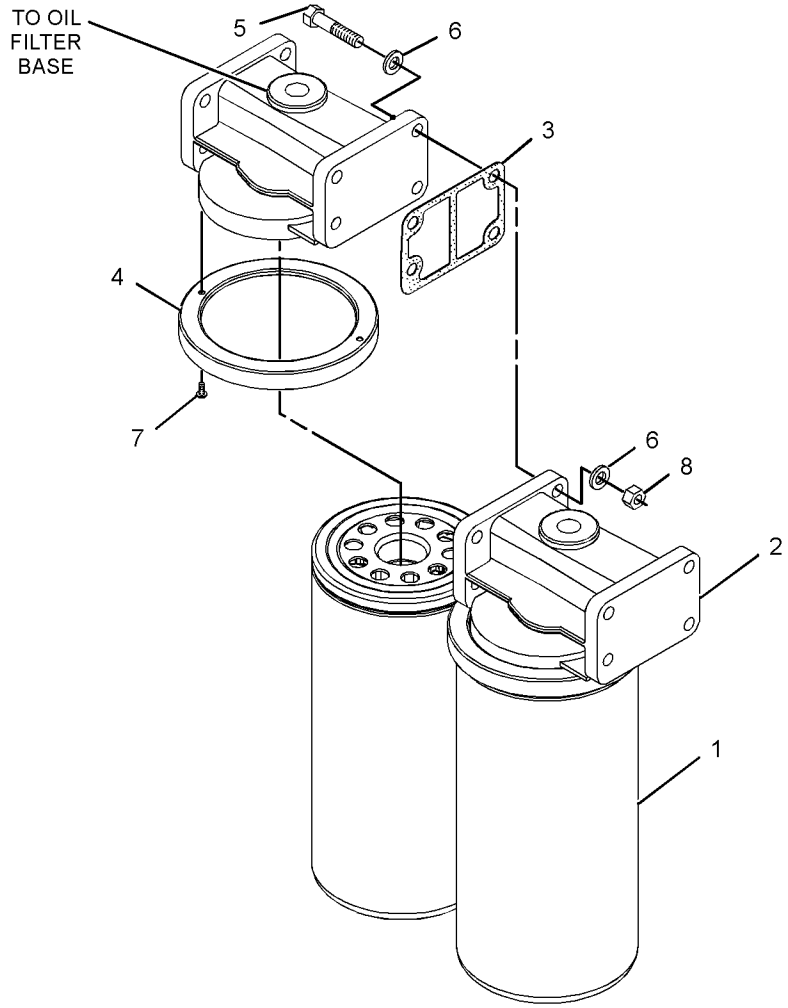
S/N: EHX1-2699

PART OF 217-5670, 271-8633 ENGINE AR-COMPLETE

SMCS-1306, 1308

i02414486

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1R-1808**	2	FILTER-ENGINE OIL (ADVANCED EFFICIENCY)	
					—OR—	
		1	**1R-0716**	1	FILTER AS-ENGINE OIL (STANDARD EFFICIENCY)	
	2	1	**2P-4303**	2	BASE AS-OIL FILTER	
		1	**2P-4304**	1	STUD-HOLLOW	
	3	1	**2P-4305**	1	GASKET	
	4	1	**4N-7082**	2	SHIELD-OIL FILTER	
	5	1	**0S-1571**	4	BOLT (3/8-16X1.75-IN)	
	6	1	**5M-2894**	8	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	7	1	**7F-9090**	4	SCREW-DRIVE (NO 8X3/8-IN)	
	8	1	**9S-8752**	4	NUT-FULL (3/8-16-THD)	



GRAPHIC #1 <END> g01216405

4N-2357 FILTER GP-ENGINE OIL

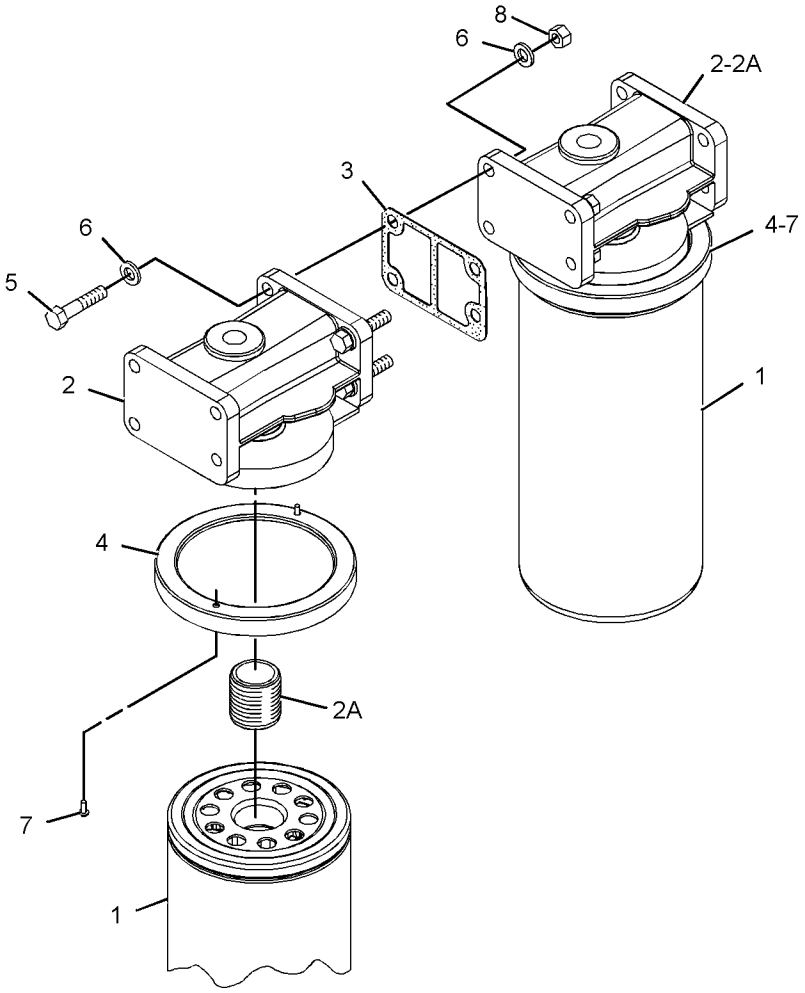
S/N: EHX1-UP

PART OF 217-5670, 271-8633, 360-3755 ENGINE AR-COMPLETE

SMCS-1306, 1308

i07089486

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1R-1808**	2	FILTER-ENGINE OIL (ADVANCED EFFICIENCY)	
	2	1	**2P-4303**	2	BASE AS-OIL FILTER	
					(EACH INCLUDES)	
	2A	1	**2P-4304**	1	STUD-HOLLOW	
	3	1	**2P-4305**	1	GASKET	
	4	1	**4N-7082**	2	SHIELD-OIL FILTER	
	5	1	**165-3931**	4	BOLT (3/8-16X1.75-IN)	
	6	1	**5M-2894**	8	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	7	1	**7F-9090**	4	SCREW-DRIVE (NO 8X3/8-IN)	
	8	1	**9S-8752**	4	NUT-FULL (3/8-16-THD)	



GRAPHIC #1 <END> g01346414

224-9728 FUMES DISPOSAL GP

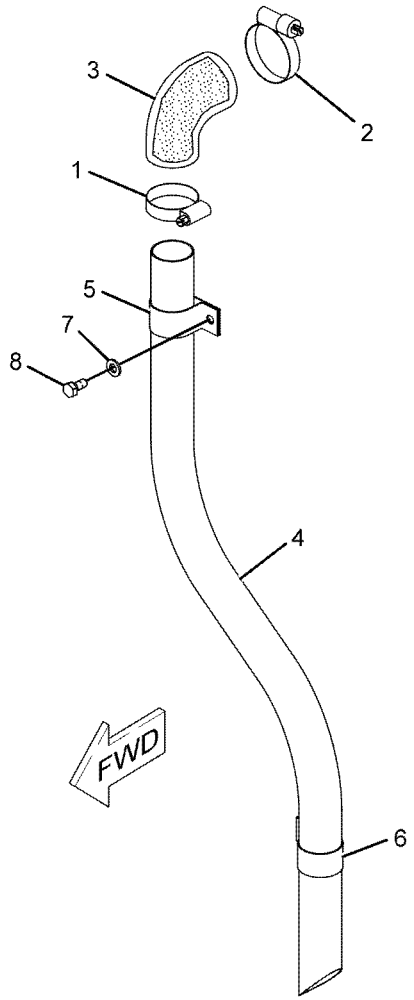
S/N: BTW1-UP

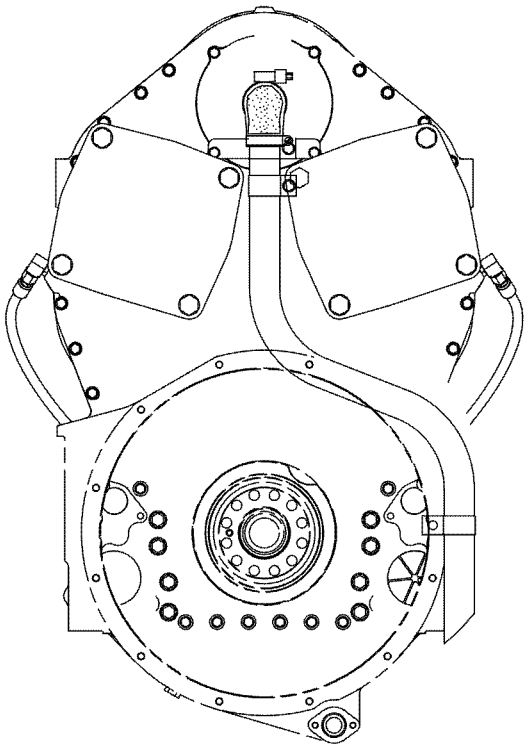
PART OF 217-5671 INSTALLATION AR-ENGINE

SMCS-1317 **i02044578**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**5P-0597**	1	CLAMP-HOSE	
	2	1	**5P-4868**	1	CLAMP-HOSE	
	3	1	**141-7143**	1	HOSE-ELBOW	
	4	1	*229-7361*	1	TUBE	
	5	1	**130-3374**	1	CLIP	
	6	1	**6F-0295**	1	CLIP	
	7	1	**8T-4121**	1	WASHER-HARD (11X21X2.5-MM THK)	
M	8	1	**8T-4137**	1	BOLT (M10X1.5X20-MM)	

M - METRIC PART





FRONT VIEW

GRAPHIC #1 <END> g01050886

295-6462 FUMES DISPOSAL GP

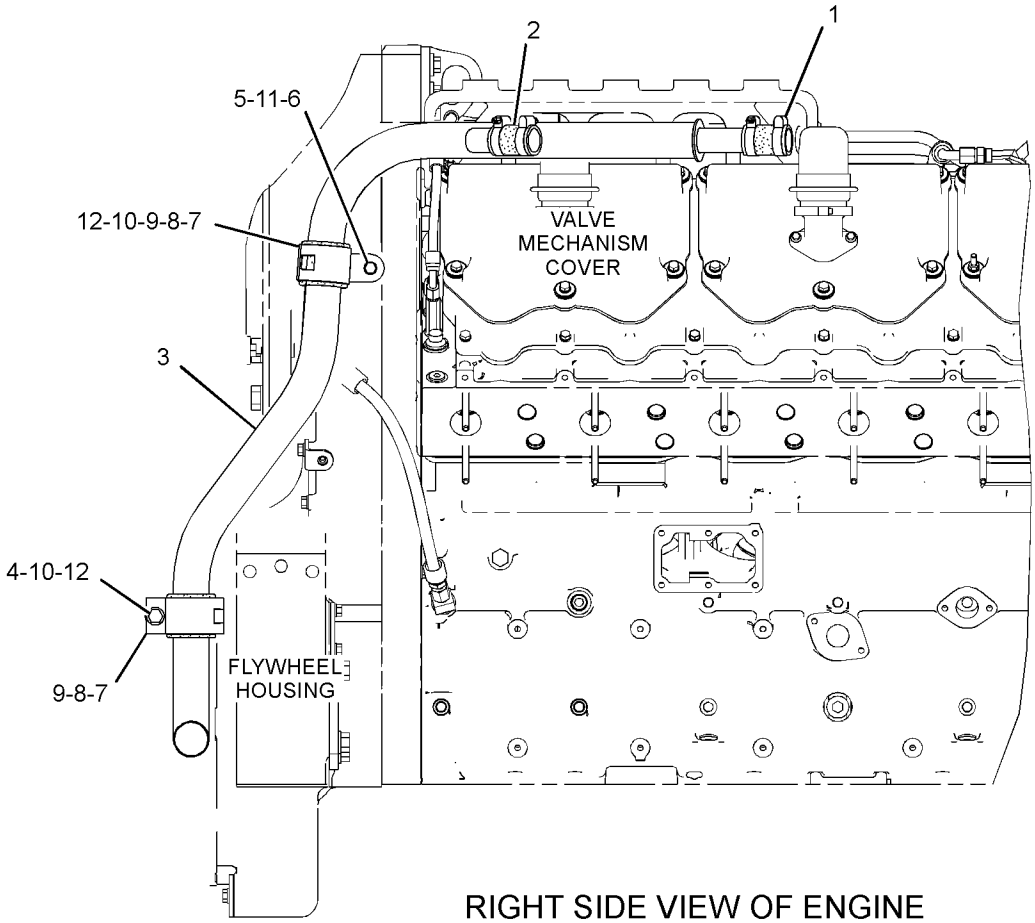
S/N: BTW166-UP

PART OF 217-5671 INSTALLATION AR-ENGINE

SMCS-1317 **i02808159**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9M-2904**	4	CLAMP-HOSE	
	2	1	**272-7013**	2	HOSE	
	3	1	**295-6463**	1	TUBE AS	
	4	1	**300-6911**	1	BRACKET AS	
	5	1	**300-6912**	1	BRACKET AS	
	6	1	**5M-3062**	1	BOLT (3/8-16X0.75-IN)	
	7	1	**5P-7470**	2	CLIP (SLOT)	
	8	1	**5P-7471**	2	CLIP (TAB)	
	9	1	**5P-7703**	2	GROMMET (52-MM ID)	
	10	1	**8T-4223**	2	WASHER-HARD (13.5X25.5X3-MM THK)	
	11	1	**8T-4896**	1	WASHER-HARD (10.2X18.5X2.5-MM THK)	
M	12	1	**8T-4956**	2	BOLT (M12X1.75X35-MM)	

M - METRIC PART



RIGHT SIDE VIEW OF ENGINE

GRAPHIC #1 <END> g01406267

206-5086 GAUGE GP-OIL LEVEL (DIPSTICK)—ENGINE

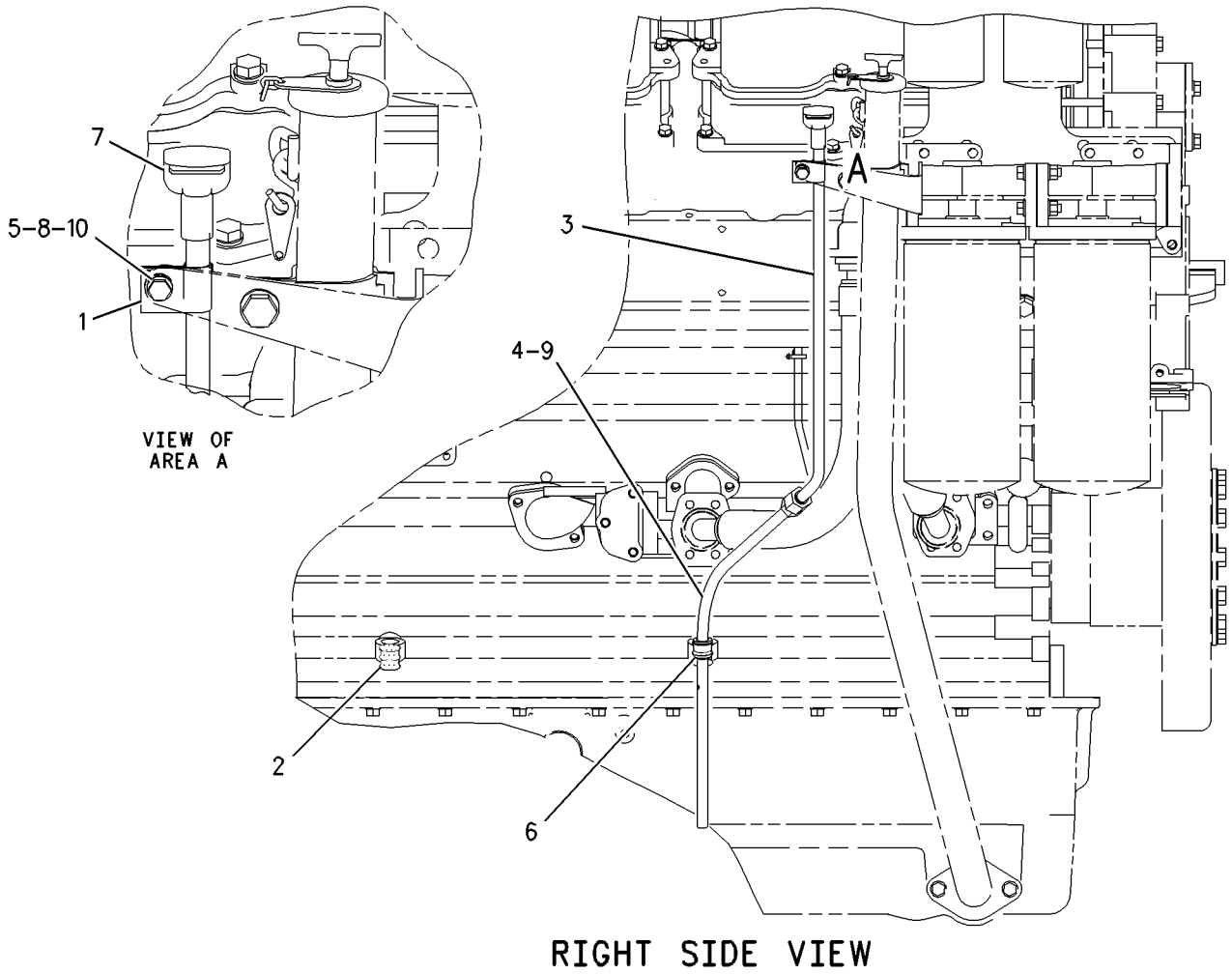
S/N: EHX1-UP

PART OF 217-5670, 271-8633, 360-3755 ENGINE AR-COMPLETE

SMCS-1326 **i02946961**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4B-0418**	1	CLIP	
J	2	1	**165-6170**	3	PLUG	
	3	1	**206-5088**	1	TUBE AS	
	4	1	**206-5089**	1	TUBE AS	
	5	1	**0S-1594**	1	BOLT (3/8-16X1-IN)	
	6	1	**061-8639**	1	SEAL-O-RING	
	7	1	**206-5090**	1	GAUGE (ENGINE)	
	8	1	**5M-2894**	2	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	9	1	**033-6033**	1	SEAL-O-RING	
	10	1	**9S-8752**	1	NUT-FULL (3/8-16-THD)	

J - USED TO PLUG OPTIONAL DIPSTICK LOCATION



GRAPHIC #1 <END> g00849151

188-4641 LINES GP-ENGINE OIL

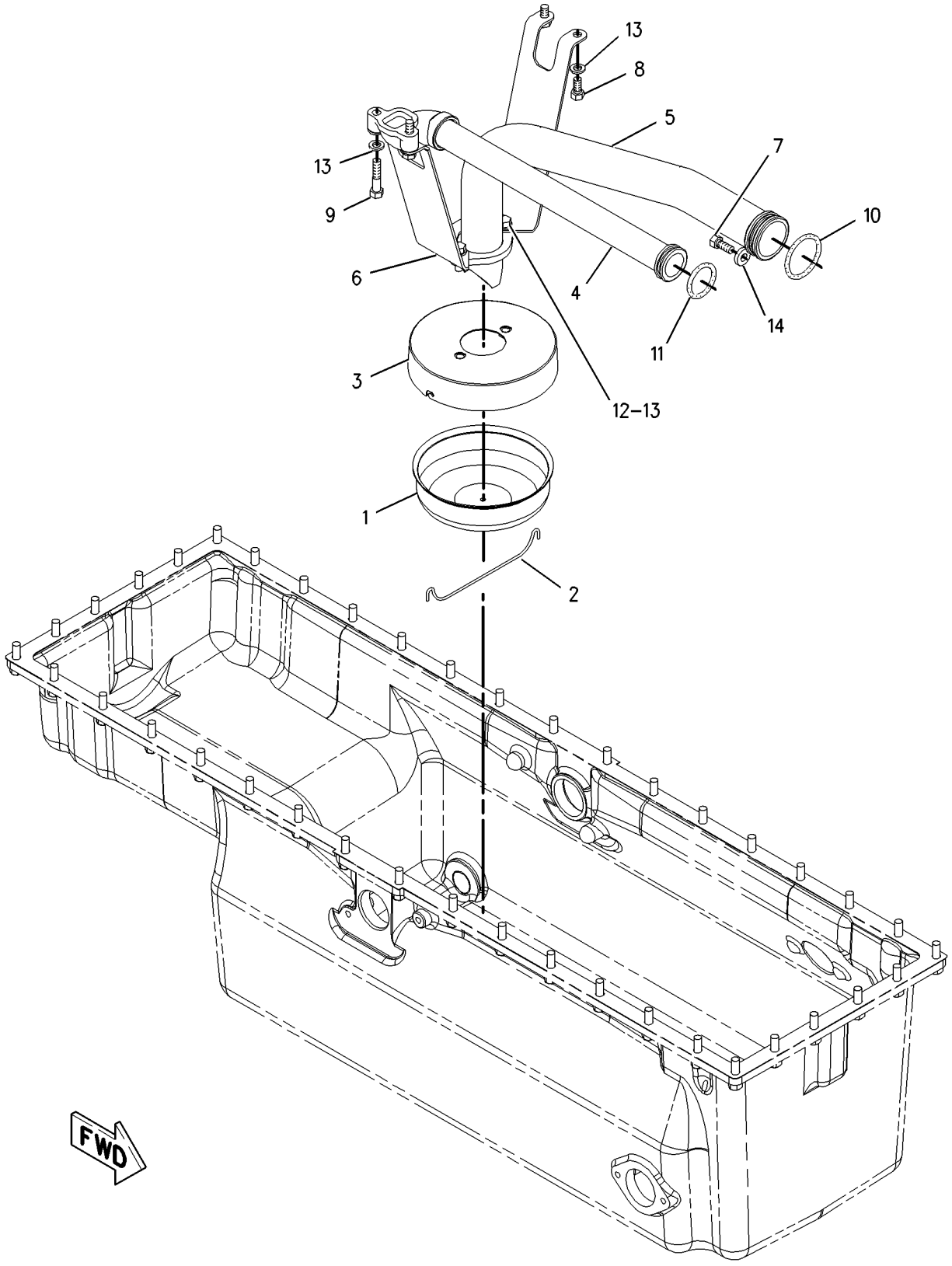
S/N: EHX1-UP

PART OF 217-5670, 271-8633, 360-3755 ENGINE AR-COMPLETE

SMCS-1307 **i04975933**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4N-0913**	1	SCREEN-STRAINER (ENGINE OIL LINES)	
	2	1	**4N-0914**	1	CLIP	
	3	1	**8N-2104**	1	BELL AS-SUCTION	
		1	**1F-0750**	2	NUT-WELD (3/8-16-THD)	
	4	1	**116-2699**	1	TUBE AS	
	5	1	**188-4642**	1	TUBE AS	
	6	1	**188-4643**	1	SUPPORT	
	7	1	**0L-1351**	1	BOLT (3/8-16X0.875-IN)	
	8	1	**0S-0509**	2	BOLT (3/8-16X0.75-IN)	
	9	1	**0S-1571**	2	BOLT (3/8-16X1.75-IN)	
	10	1	**3P-0650**	1	SEAL-O-RING	
	11	1	**5P-8068**	1	SEAL-O-RING	
	12	1	**1A-2029**	2	BOLT (3/8-16X1.125-IN)	
	13	1	**5M-2894**	6	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	14	1	**8M-9024**	1	WASHER-HARD (10.2X22.5X5-MM THK)	

188-4641 **LINES GP-ENGINE OIL (**contd.**)** **i04975933**



GRAPHIC #1 <END> g00849116

225-9619 LINES GP-ENGINE OIL FILTER

S/N: EHX1-UP

PART OF 217-5670, 271-8633 ENGINE AR-COMPLETE

TYPE 1

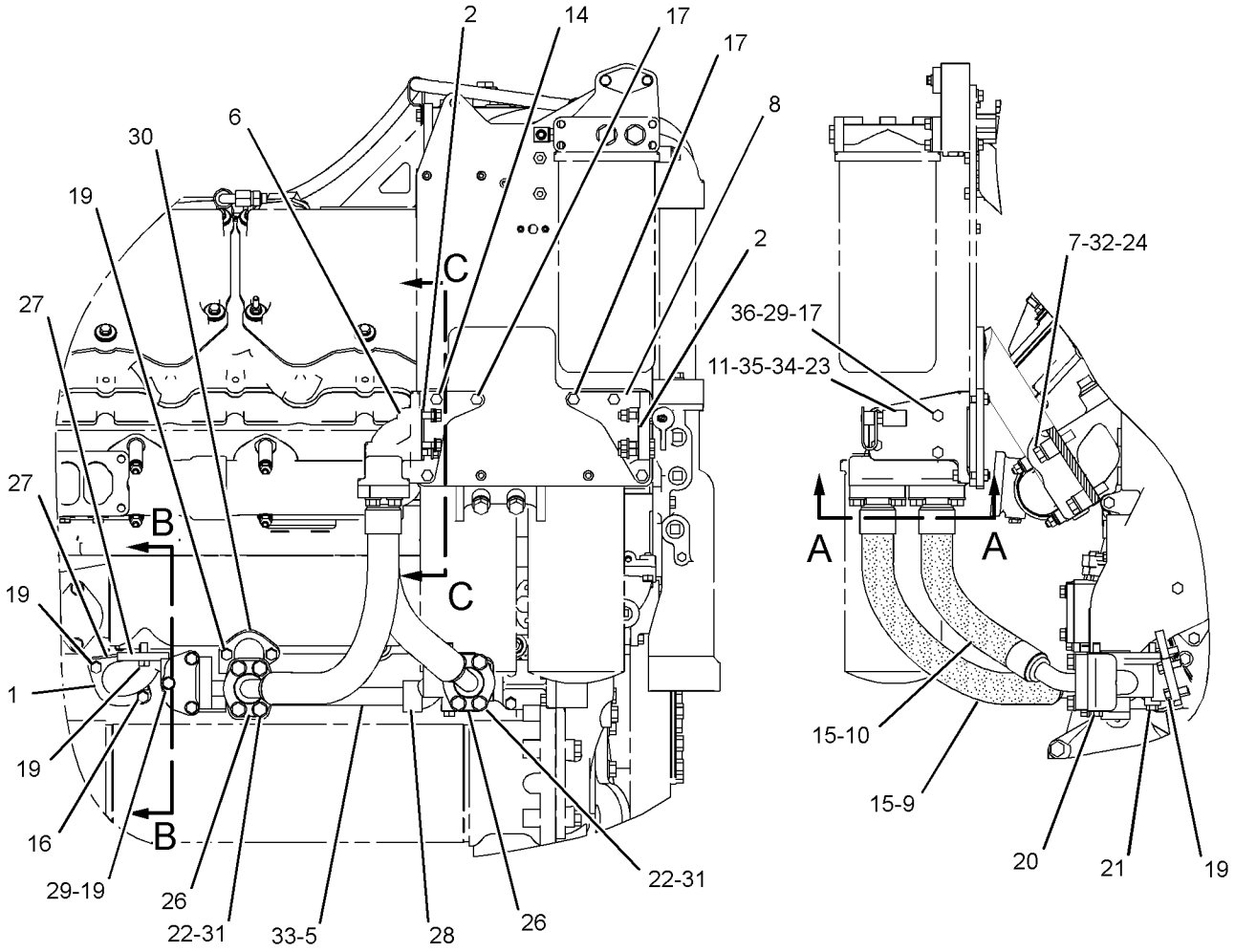
SMCS-1307, 1308

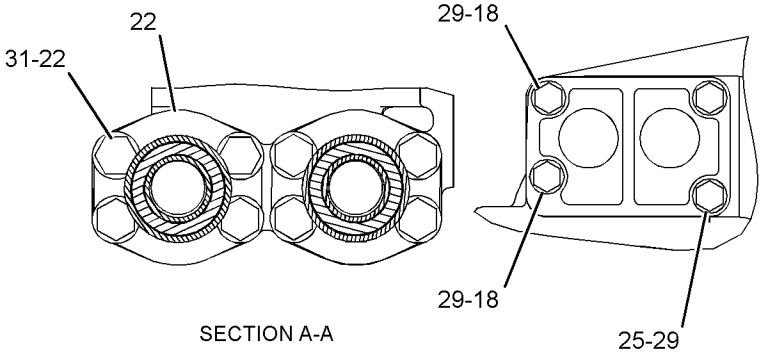
i03757780

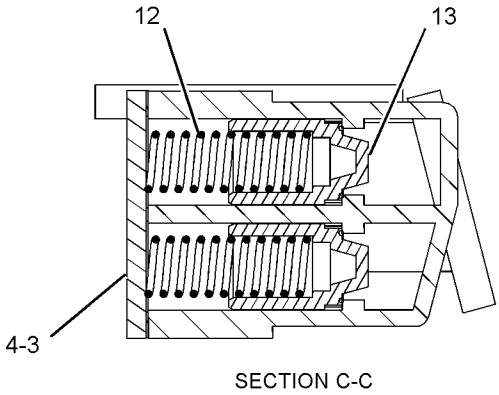
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1W-1116**	1	BODY-BYPASS	
	2	1	**2P-4305**	2	GASKET	
	3	1	**4N-0861**	1	COVER	
	4	1	**4N-0865**	1	GASKET	
	5	1	**4N-8411**	1	TUBE-COOLER BYPASS	
	6	1	**4N-8600**	1	ADAPTER-BASE	
	7	1	**5G-6504**	4	LUG	
	8	1	**7C-9010**	1	SUPPORT-BASE	
I	9	1	**7C-9452**	1	HOSE AS	
I	10	1	**7E-9227**	1	HOSE AS	
	11	1	**8C-3445**	1	CAP-DUST	
	12	1	**9F-6304**	2	SPRING	
	13	1	**9M-0853**	2	PLUNGER-VALVE	
	14	1	**225-9618**	1	SUPPORT AS	
		1	**1F-0750**	8	NUT-WELD (3/8-16-THD)	
	15	1	**061-7540**	4	SEAL-O-RING	
	16	1	**0L-2070**	1	BOLT (3/8-16X2.25-IN)	
	17	1	**0S-1571**	10	BOLT (3/8-16X1.75-IN)	
	18	1	**0S-1588**	2	BOLT (3/8-16X1.25-IN)	
	19	1	**0S-1594**	10	BOLT (3/8-16X1-IN)	
	20	1	**0S-1608**	1	BOLT (3/8-16X3.75-IN)	
	21	1	**0T-0065**	1	BOLT (3/8-16X3.5-IN)	
	22	1	**0T-0772**	16	BOLT (7/16-14X1.5-IN)	
	23	1	**151-5145**	1	ELBOW	
	24	1	**1A-1460**	4	BOLT (1/2-13X2-IN)	
	25	1	**1A-2029**	2	BOLT (3/8-16X1.125-IN)	
	26	1	**1P-4578**	8	FLANGE-HALF	
	27	1	**3P-0650**	3	SEAL-O-RING	
	28	1	**4N-8770**	1	ELBOW-COOLER OUTLET	
	29	1	**5M-2894**	11	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	30	1	**5P-8068**	1	SEAL-O-RING	
	31	1	**5P-8244**	16	WASHER-HARD (12X22.5X2.5-MM THK)	
	32	1	**5P-8245**	4	WASHER-HARD (13.5X25.5X3-MM THK)	
	33	1	**5P-9890**	2	SEAL-O-RING	
	34	1	**6V-5048**	2	SEAL-O-RING	
	35	1	**8C-3446**	1	VALVE-SAMPLING (ENGINE OIL)	
	36	1	**9S-8752**	4	NUT-FULL (3/8-16-THD)	

I - REFER TO HYDRAULIC INFORMATION SYSTEM

225-9619 **LINES GP-ENGINE OIL FILTER (**contd.**)** **i03757780**







GRAPHIC #1 <END> g02028093

225-9619 LINES GP-ENGINE OIL FILTER

S/N: EHX1-UP

PART OF 217-5670, 271-8633, 360-3755 ENGINE AR-COMPLETE

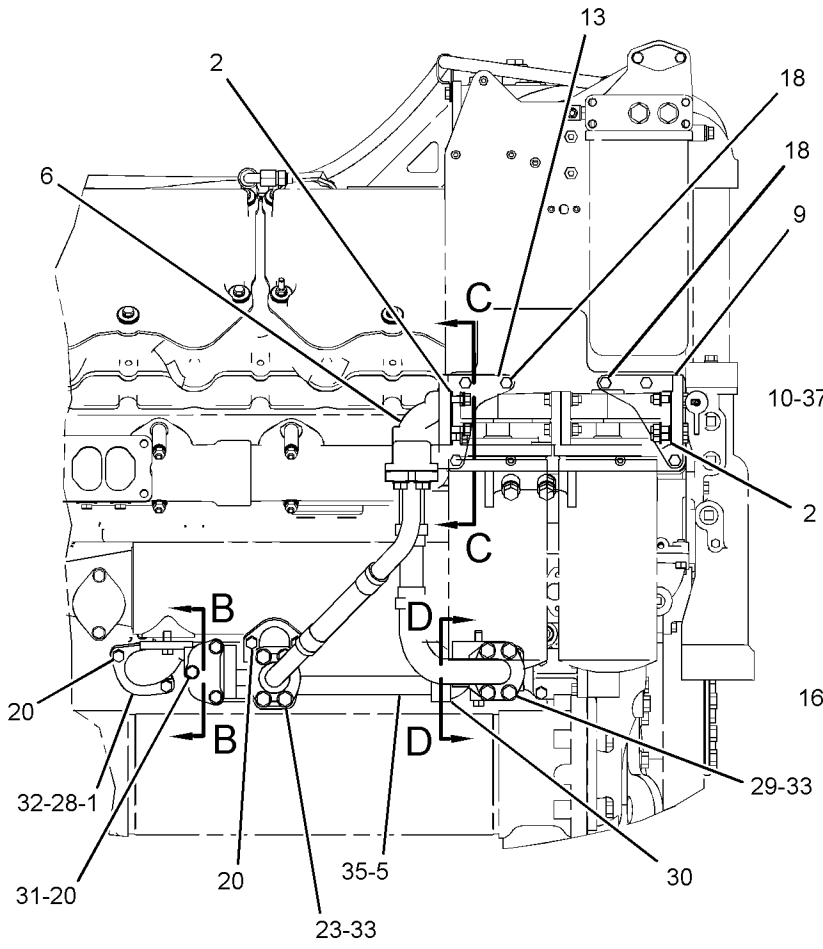
TYPE 2

SMCS-1307, 1308 **i02949463**

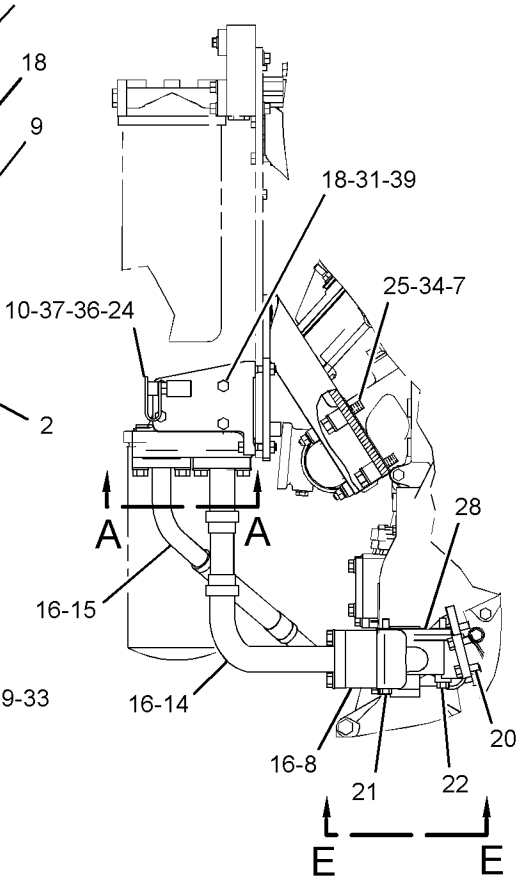
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1W-1116**	1	BODY-BYPASS	
	2	1	**2P-4305**	2	GASKET	
	3	1	**4N-0861**	1	COVER	
	4	1	**4N-0865**	1	GASKET	
	5	1	**4N-8411**	1	TUBE-COOLER BYPASS	
	6	1	**4N-8600**	1	ADAPTER-BASE	
	7	1	**5G-6504**	4	LUG	
C	8	1	**6G-2168**	1	BLOCK	
	9	1	**7C-9010**	1	SUPPORT-BASE	
	10	1	**8C-3445**	1	CAP-DUST	
	11	1	**9F-6304**	2	SPRING	
	12	1	**9M-0853**	2	PLUNGER-VALVE	
	13	1	**225-9618**	1	SUPPORT AS	
		1	**1F-0750**	8	NUT-WELD (3/8-16-THD)	
C	14	1	**248-3329**	1	TUBE AS	
C	15	1	**312-2019**	1	TUBE AS	
C	16	1	**061-7540**	5	SEAL-O-RING	
	17	1	**0L-2070**	1	BOLT (3/8-16X2.25-IN)	
	18	1	**0S-1571**	10	BOLT (3/8-16X1.75-IN)	
	19	1	**0S-1588**	2	BOLT (3/8-16X1.25-IN)	
	20	1	**0S-1594**	10	BOLT (3/8-16X1-IN)	
	21	1	**0S-1608**	1	BOLT (3/8-16X3.75-IN)	
	22	1	**0T-0065**	1	BOLT (3/8-16X3.5-IN)	
C	23	1	**0T-0772**	12	BOLT (7/16-14X1.5-IN)	
	24	1	**151-5145**	1	ELBOW	
	25	1	**1A-1460**	4	BOLT (1/2-13X2-IN)	
	26	1	**1A-2029**	2	BOLT (3/8-16X1.125-IN)	
C	27	1	**3D-2824**	1	SEAL-O-RING	
	28	1	**3P-0650**	3	SEAL-O-RING	
C	29	1	**4F-5192**	4	BOLT (7/16-14X3-IN)	
	30	1	**4N-8770**	1	ELBOW-COOLER OUTLET	
	31	1	**5M-2894**	11	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	32	1	**5P-8068**	1	SEAL-O-RING	
	33	1	**5P-8244**	16	WASHER-HARD (12X22.5X2.5-MM THK)	
	34	1	**5P-8245**	4	WASHER-HARD (13.5X25.5X3-MM THK)	
	35	1	**5P-9890**	2	SEAL-O-RING	
	36	1	**6V-5048**	2	SEAL-O-RING	
	37	1	**8C-3446**	1	VALVE-SAMPLING (ENGINE OIL)	
C	38	1	**9S-4183**	1	PLUG (1-1/16-12-THD)	
	39	1	**9S-8752**	4	NUT-FULL (3/8-16-THD)	

C - CHANGE FROM PREVIOUS TYPE

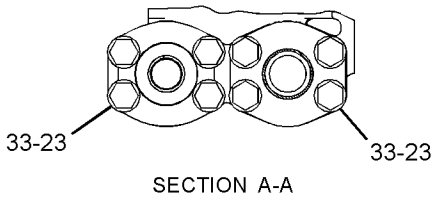
225-9619 **LINES GP-ENGINE OIL FILTER (**contd.**)** **i02949463**



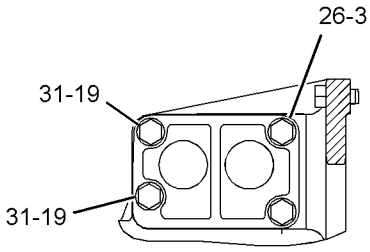
RIGHT SIDE VIEW OF ENGINE



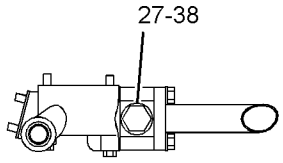
FRONT VIEW OF ENGINE



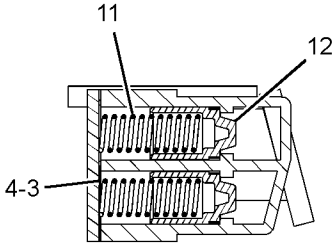
SECTION A-A



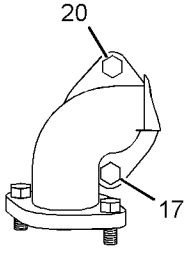
SECTION C-C



SECTION D-D



SECTION B-B



VIEW E-E

GRAPHIC #1 <END> g01470006

225-9619 LINES GP-ENGINE OIL FILTER

S/N: EHX1-UP

PART OF 217-5670, 271-8633, 360-3755 ENGINE AR-COMPLETE

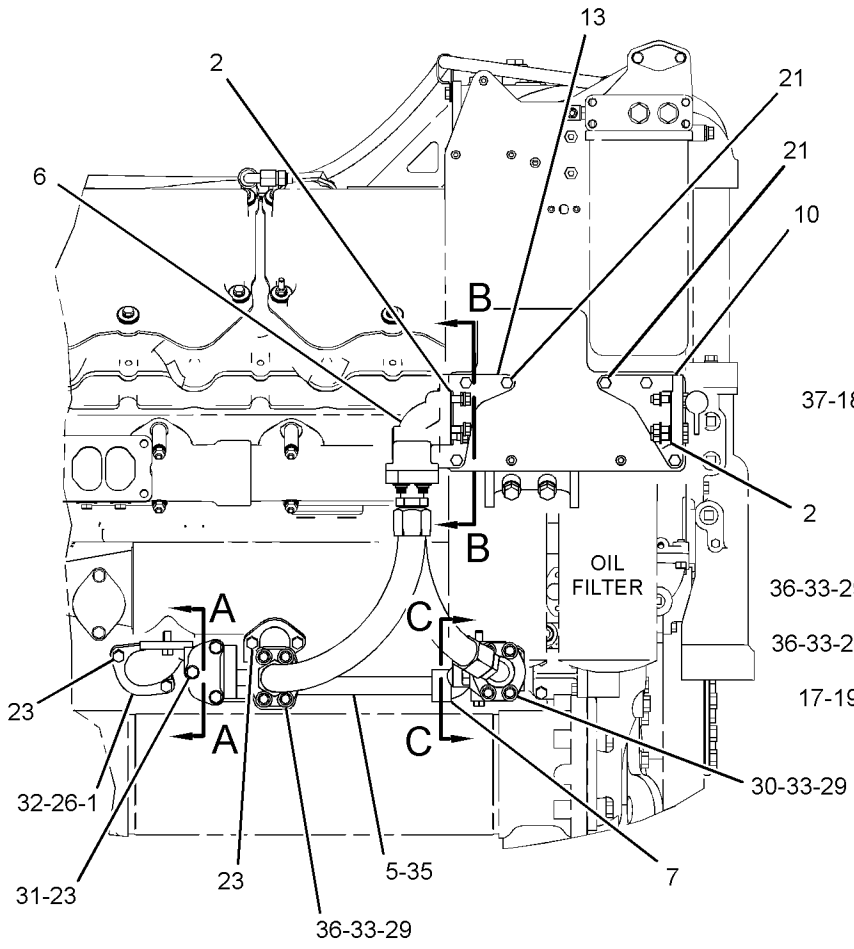
TYPE 3

SMCS-1307, 1308 **i05049350**

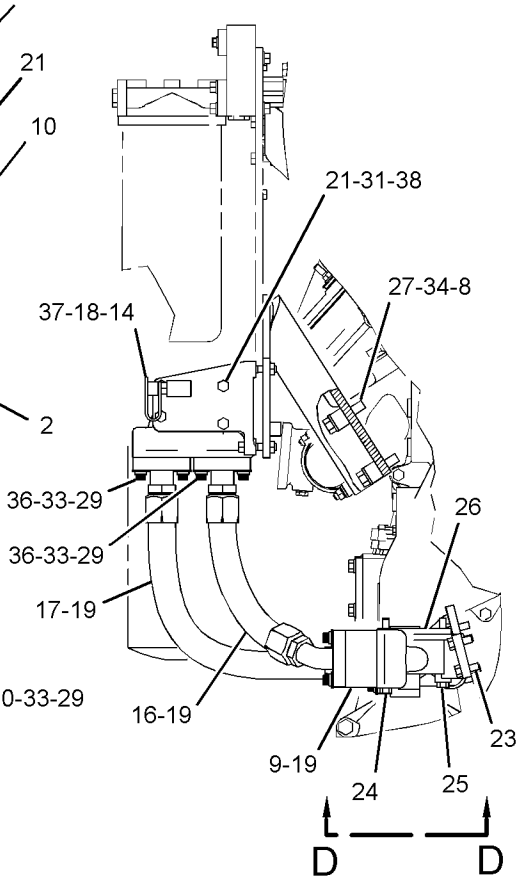
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1W-1116**	1	BODY-BYPASS	
	2	1	**2P-4305**	2	GASKET	
	3	1	**4N-0861**	1	COVER	
	4	1	**4N-0865**	1	GASKET	
	5	1	**4N-8411**	1	TUBE-COOLER BYPASS	
	6	1	**4N-8600**	1	ADAPTER-BASE	
	7	1	**4N-8770**	1	ELBOW-COOLER OUTLET	
	8	1	**5G-6504**	4	LUG	
	9	1	**6G-2168**	1	BLOCK	
	10	1	**7C-9010**	1	SUPPORT-BASE	
	11	1	**9F-6304**	2	SPRING	
	12	1	**9M-0853**	2	PLUNGER-VALVE	
	13	1	**225-9618**	1	SUPPORT AS	
		1	**1F-0750**	8	NUT-WELD (3/8-16-THD)	
C	14	1	*347-4430*	1	ELBOW AS	
		1	**151-5145**	1	ELBOW	
		1	**214-7566**	1	SEAL-O-RING	
C	15	1	*377-9625*	1	PLUG AS	
		1	**6V-5063**	1	SEAL-O-RING	
		1	**9S-4183**	1	PLUG (1-1/16-12-THD)	
CI	16	1	**388-4871**	1	HOSE AS	
CI	17	1	**388-4876**	1	HOSE AS	
C	18	1	*392-0794*	1	VALVE AS-FLUID SAMPLING	
		1	**6V-9027**	1	SEAL-O-RING	
		1	**8C-3446**	1	VALVE-SAMPLING (ENGINE OIL)	
	19	1	**061-7540**	5	SEAL-O-RING	
	20	1	**0L-2070**	1	BOLT (3/8-16X2.25-IN)	
	21	1	**0S-1571**	10	BOLT (3/8-16X1.75-IN)	
	22	1	**0S-1588**	2	BOLT (3/8-16X1.25-IN)	
	23	1	**0S-1594**	10	BOLT (3/8-16X1-IN)	
	24	1	**0S-1608**	1	BOLT (3/8-16X3.75-IN)	
	25	1	**0T-0065**	1	BOLT (3/8-16X3.5-IN)	
C	26	1	**113-5304**	3	SEAL-O-RING	
	27	1	**1A-1460**	4	BOLT (1/2-13X2-IN)	
	28	1	**1A-2029**	2	BOLT (3/8-16X1.125-IN)	
C	29	1	**1P-4578**	8	FLANGE-HALF	
C	30	1	**398-6926**	4	BOLT-12 POINT HEAD	
	31	1	**5M-2894**	11	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	32	1	**5P-8068**	1	SEAL-O-RING	
	33	1	**5P-8244**	16	WASHER-HARD (12X22.5X2.5-MM THK)	
	34	1	**5P-8245**	4	WASHER-HARD (13.5X25.5X3-MM THK)	
	35	1	**5P-9890**	2	SEAL-O-RING	
C	36	1	**6K-3771**	12	BOLT-12 POINT HEAD (7/16-14X1.5-IN)	
	37	1	**8C-3445**	1	CAP-DUST	
	38	1	**9S-8752**	4	NUT-FULL (3/8-16-THD)	

C - CHANGE FROM PREVIOUS TYPE
I - REFER TO HYDRAULIC INFORMATION SYSTEM

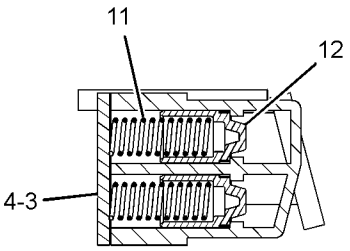
225-9619 **LINES GP-ENGINE OIL FILTER (**contd.**)** **i05049350**



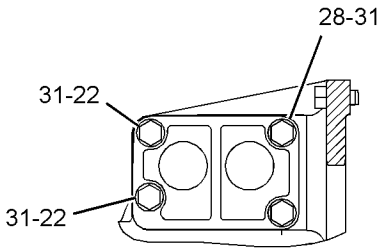
RIGHT SIDE VIEW OF ENGINE



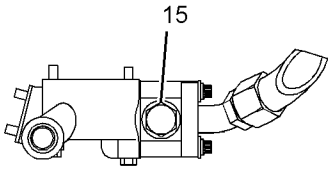
FRONT VIEW OF ENGINE



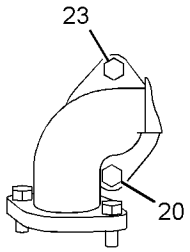
SECTION A-A



SECTION B-B



SECTION C-C



VIEW D-D

GRAPHIC #1 <END> g03249376

217-5677 LINES GP-TURBOCHARGER OIL

S/N: EHX1-UP

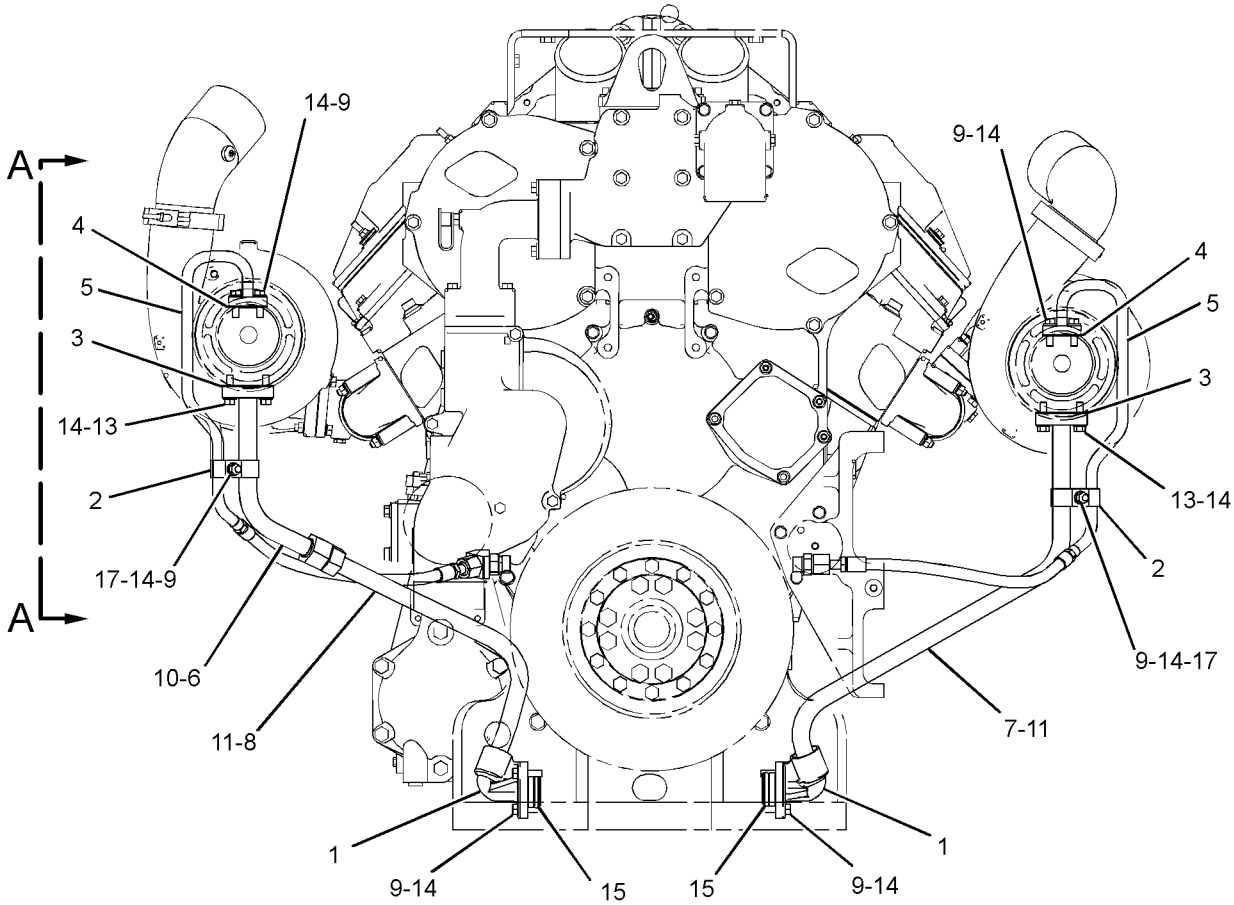
PART OF 217-5670, 271-8633, 360-3755 ENGINE AR-COMPLETE

SMCS-1052, 1307

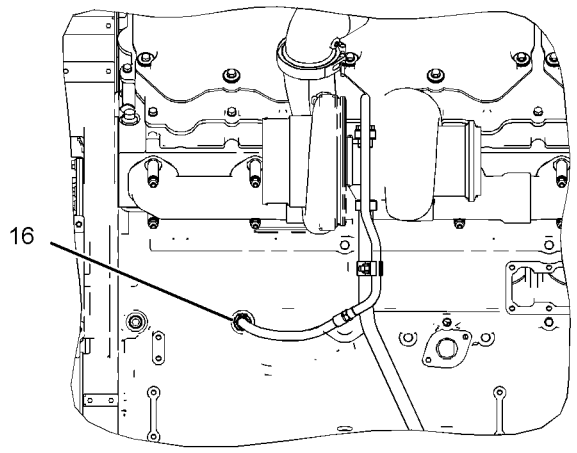
i07218187

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7N-9008**	2	ELBOW	
	2	1	**9M-2564**	4	CLAMP-TUBE	
	3	1	**126-2702**	2	SEAL-INTEGRAL	
	4	1	**198-6068**	2	SEAL-INTEGRAL	
	5	1	**217-5678**	2	TUBE AS	
	6	1	**217-5680**	1	TUBE AS	
	7	1	**357-2669**	1	TUBE AS	
	8	1	**357-2670**	1	TUBE AS	
	9	1	**0S-1588**	10	BOLT (3/8-16X1.25-IN)	
	10	1	**106-9586**	1	SEAL-O-RING	
	11	1	**112-3540**	2	SEAL-O-RING	
	12	1	*349-8519*	1	ELBOW AS	
		1	**6V-9003**	1	ELBOW	
		1	**228-7091**	1	SEAL-O-RING	
		1	**238-5081**	1	SEAL-O-RING	
	13	1	**3B-1915**	4	BOLT (3/8-16X1.375-IN)	
	14	1	**5M-2894**	16	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	15	1	**5P-5846**	2	SEAL-O-RING	
	16	1	*281-5977*	1	CONNECTOR AS	
		1	**6V-8642**	1	CONNECTOR	
		1	**228-7091**	1	SEAL-O-RING	
		1	**238-5081**	1	SEAL-O-RING	
	17	1	**9S-8752**	2	NUT-FULL (3/8-16-THD)	

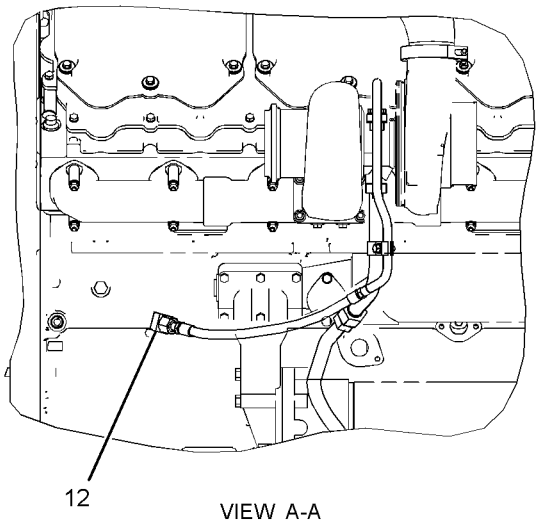
217-5677 **LINES GP-TURBOCHARGER OIL (**contd.**)** **i07218187**



FRONT VIEW OF ENGINE



LEFT SIDE VIEW OF ENGINE



VIEW A-A

GRAPHIC #1 <END> g06255966

229-8794 OIL CHANGE GP-HIGH SPEED

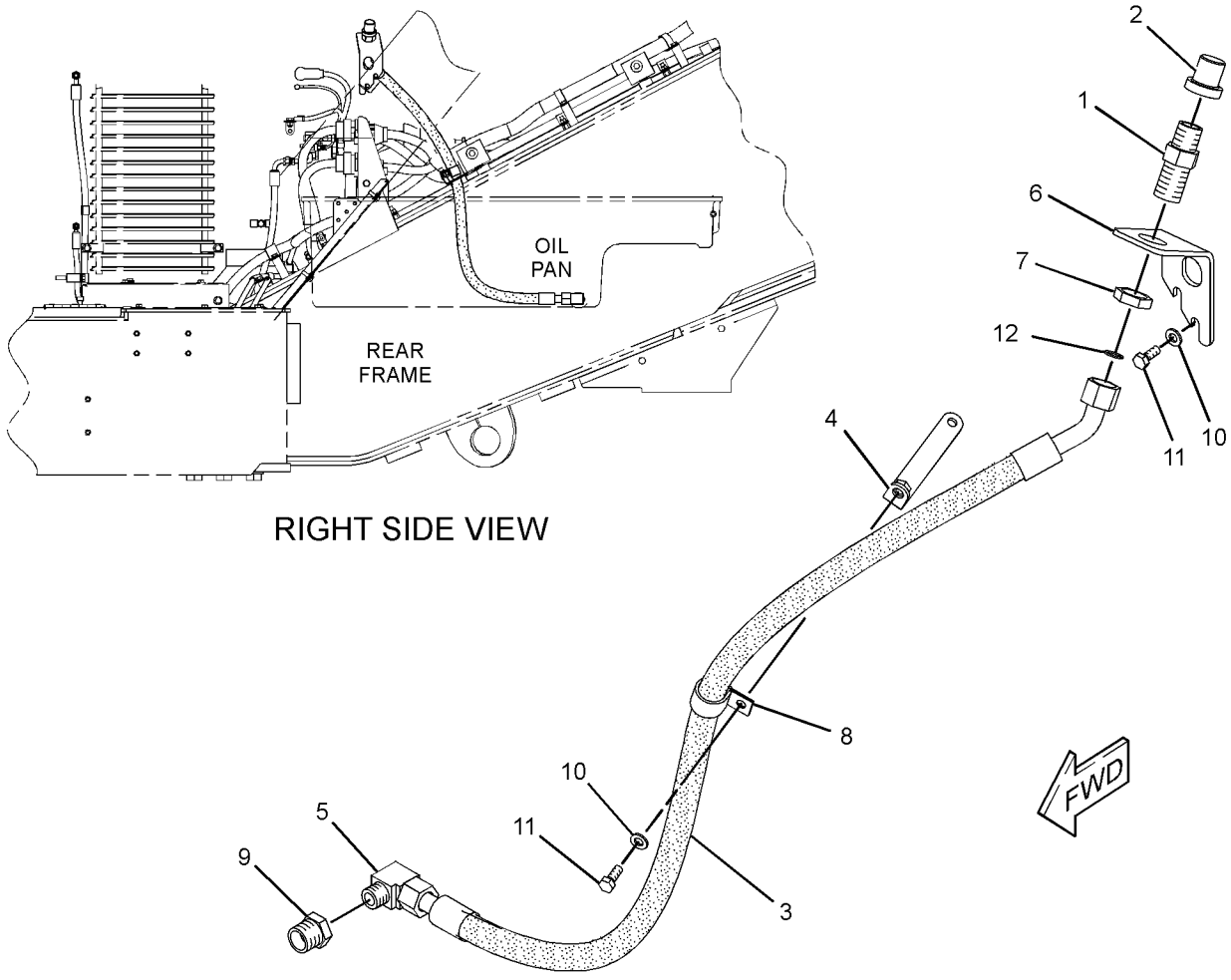
S/N: BTW1-UP

PART OF 230-3275 CHASSIS AR, 353-3994, 353-4274 OPTION AR-SERVICE

SMCS-1325 **i02303772**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8T-5373**	1	COUPLER-MALE	
	2	1	**9S-9272**	1	CAP AS (ENGINE OIL DRAIN LINE)	
I	3	1	**153-9970**	1	HOSE AS	
	4	1	**159-8329**	1	BRACKET AS	
	5	1	*225-5161*	1	ELBOW AS	
		1	**6V-9746**	1	SEAL-O-RING	
		1	**9X-2398**	1	ELBOW	
	6	1	**241-0953**	1	BRACKET	
	7	1	**2P-1293**	1	LOCKNUT (1-3/16-12-THD)	
	8	1	**5P-7854**	1	CLIP	
	9	1	**6B-9081**	1	BUSHING-REDUCER	
	10	1	**8T-4121**	3	WASHER-HARD (11X21X2.5-MM THK)	
M	11	1	**8T-4136**	3	BOLT (M10X1.5X25-MM)	
	12	1	**6V-9746**	1	SEAL-O-RING	

I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART



GRAPHIC #1 <END> g01171833

229-8794 OIL CHANGE GP-HIGH SPEED

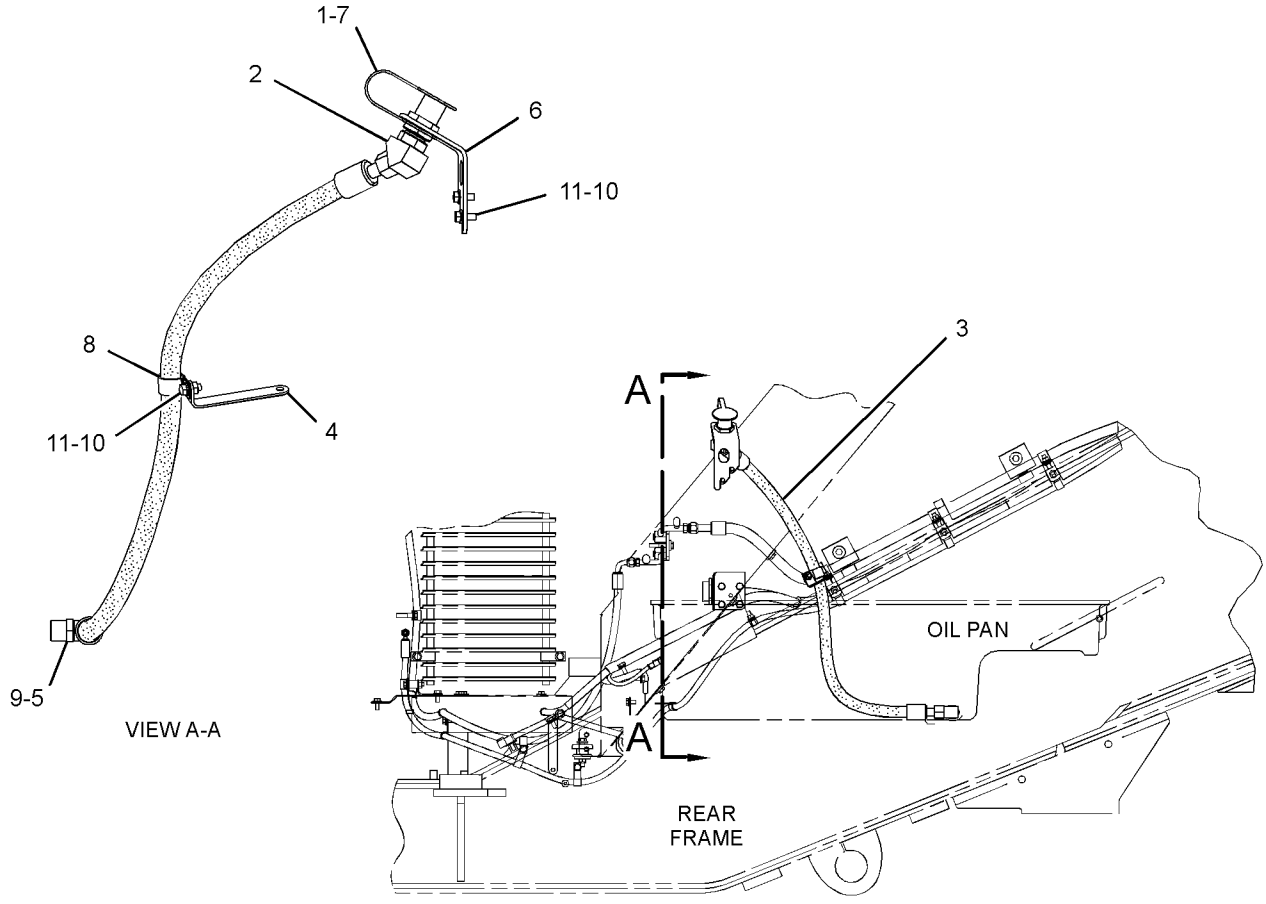
S/N: BTW227-UP

PART OF 353-3994, 353-4274 OPTION AR-SERVICE

SMCS-1325 **i04557655**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	**110-8827**	1	FITTING (QUICK DISCONNECT, MALE)	
C	2	1	*150-4049*	1	ELBOW AS	
		1	**6V-9746**	1	SEAL-O-RING	
		1	**7M-8485**	1	SEAL-O-RING	
		1	**8T-4149**	1	ELBOW	
CI	3	1	**348-7504**	1	HOSE AS	
	4	1	**159-8329**	1	BRACKET AS	
	5	1	*225-5161*	1	ELBOW AS	
		1	**6V-9746**	1	SEAL-O-RING	
		1	**9X-2398**	1	ELBOW	
	6	1	**241-0953**	1	BRACKET	
C	7	1	**2V-2043**	1	NUT-BULKHEAD (1-5/8-12-THD)	
	8	1	**5P-7854**	1	CLIP	
	9	1	**6B-9081**	1	BUSHING-REDUCER	
	10	1	**8T-4121**	3	WASHER-HARD (11X21X2.5-MM THK)	
M	11	1	**8T-4136**	3	BOLT (M10X1.5X25-MM)	

C - CHANGE FROM PREVIOUS TYPE
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART



RIGHT SIDE VIEW

GRAPHIC #1 <END> g02764556

116-1980 PUMP GP-ENGINE OIL*R

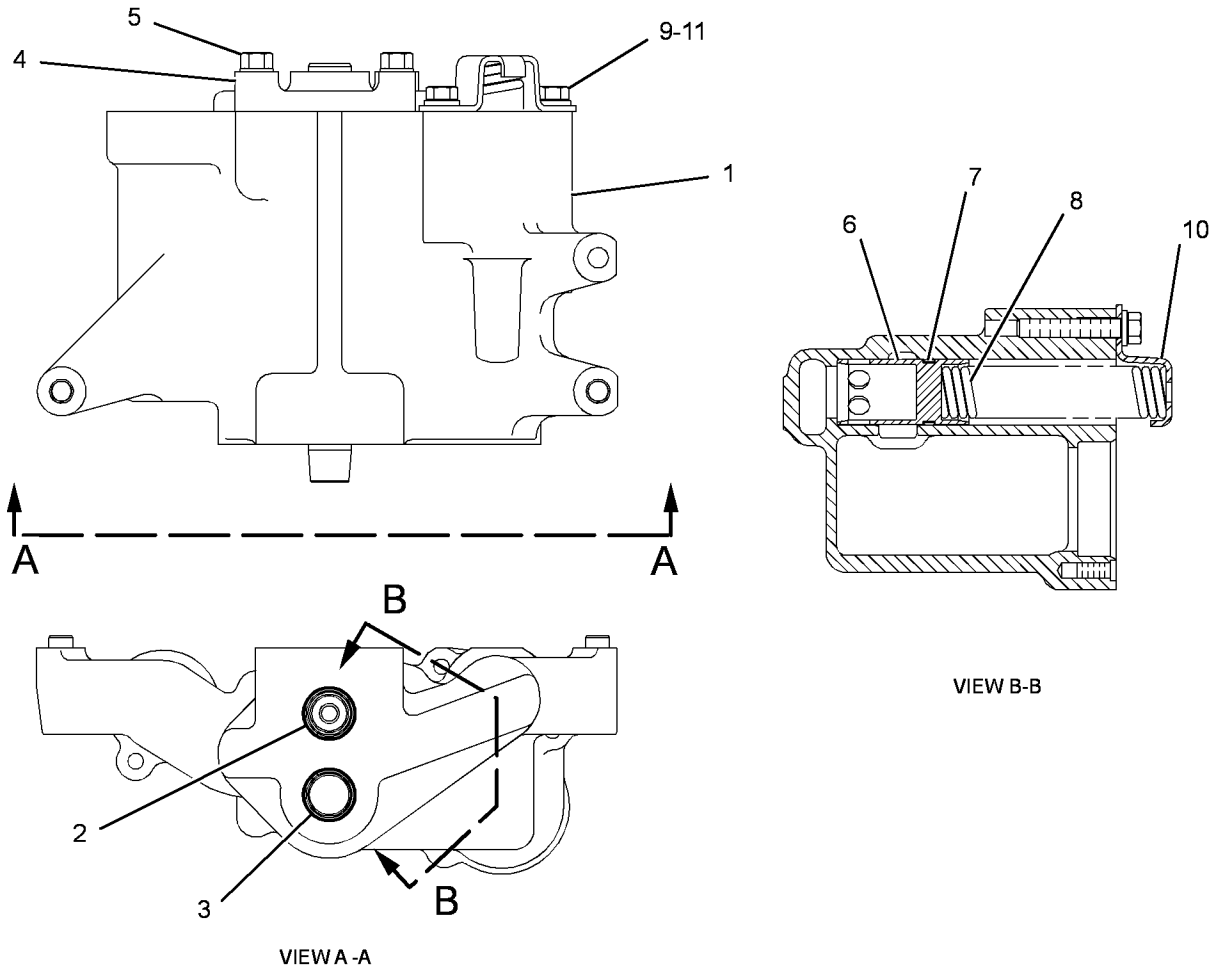
S/N: EHX1-UP

PART OF 231-3701, 262-9144, 350-5499 ENGINE AR-CORE

SMCS-1304, 1315

i07043733

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**116-1979**	1	BODY AS-OIL PUMP	
		1	**7N-2156**	2	BUSHING	
		1	**8M-8489**	2	DOWEL	
	2	1	**105-1482**	1	SHAFT AS-PUMP DRIVE	
	3	1	**107-7373**	1	SHAFT AS-IDLER	
	4	1	**127-6356**	1	COVER AS-PUMP	
		1	**8S-6511**	2	BUSHING	
	5	1	**2P-3205**	4	BOLT-WASHER HEAD (3/8-16X1.75-IN)	
	6	1	**7C-1512**	1	PLUNGER	
	7	1	**7C-1511**	1	RING-PLUNGER	
	8	1	**2S-2760**	1	SPRING	
	9	1	**1M-0644**	2	BOLT (3/8-16X2.25-IN)	
	10	1	**122-9943**	1	RETAINER	
	11	1	**5M-2894**	2	WASHER-HARD (10.2X18.5X2.5-MM THK)	



VIEW A-A

VIEW B-B

GRAPHIC #1

<END>

g01667814

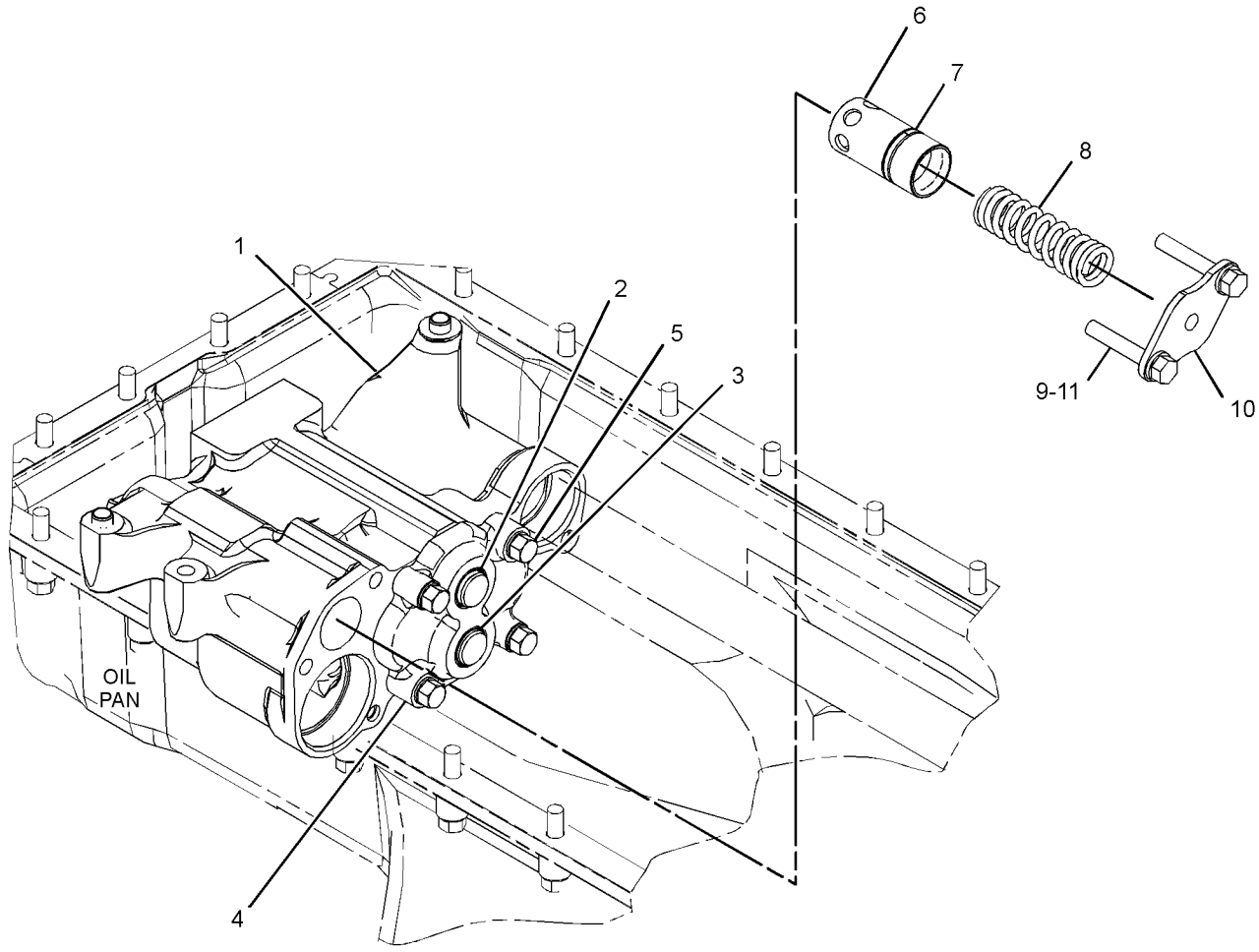
379-3989 PUMP GP-ENGINE OIL*R

S/N: EHX6775-UP
ONE SECTION GEAR
PART OF 350-5499 ENGINE AR-CORE

SMCS-1304, 1315

i04548590

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**116-1979**	1	BODY AS-OIL PUMP	
		1	**7N-2156**	2	BUSHING	
		1	**8M-8489**	2	DOWEL	
	2	1	**105-1482**	1	SHAFT AS-PUMP DRIVE	
	3	1	**107-7373**	1	SHAFT AS-IDLER	
	4	1	**127-6356**	1	COVER AS-PUMP	
		1	**8S-6511**	2	BUSHING	
	5	1	**2P-3205**	4	BOLT-WASHER HEAD (3/8-16X1.75-IN)	
	6	1	**7C-1512**	1	PLUNGER	
	7	1	**7C-1511**	1	RING-PLUNGER	
	8	1	**236-6733**	1	SPRING	
	9	1	**1M-0644**	2	BOLT (3/8-16X2.25-IN)	
	10	1	**370-4611**	1	RETAINER	
	11	1	**5M-2894**	2	WASHER-HARD (10.2X18.5X2.5-MM THK)	



GRAPHIC #1 <END> g02725260

234-4996 COOLING AR-HIGH AMBIENT TEMP

S/N: BTW1-UP

SMCS-1350, 1353, 1386, 1387, 5057 **i02424704**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
YR	**235-0843**	1	PUMP GP-PISTON (HYD FAN, HIGH AMBIENT TEMP)	1070

R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

<END>

191-4603 FAN GP-SUCTION

S/N: BTW1-UP

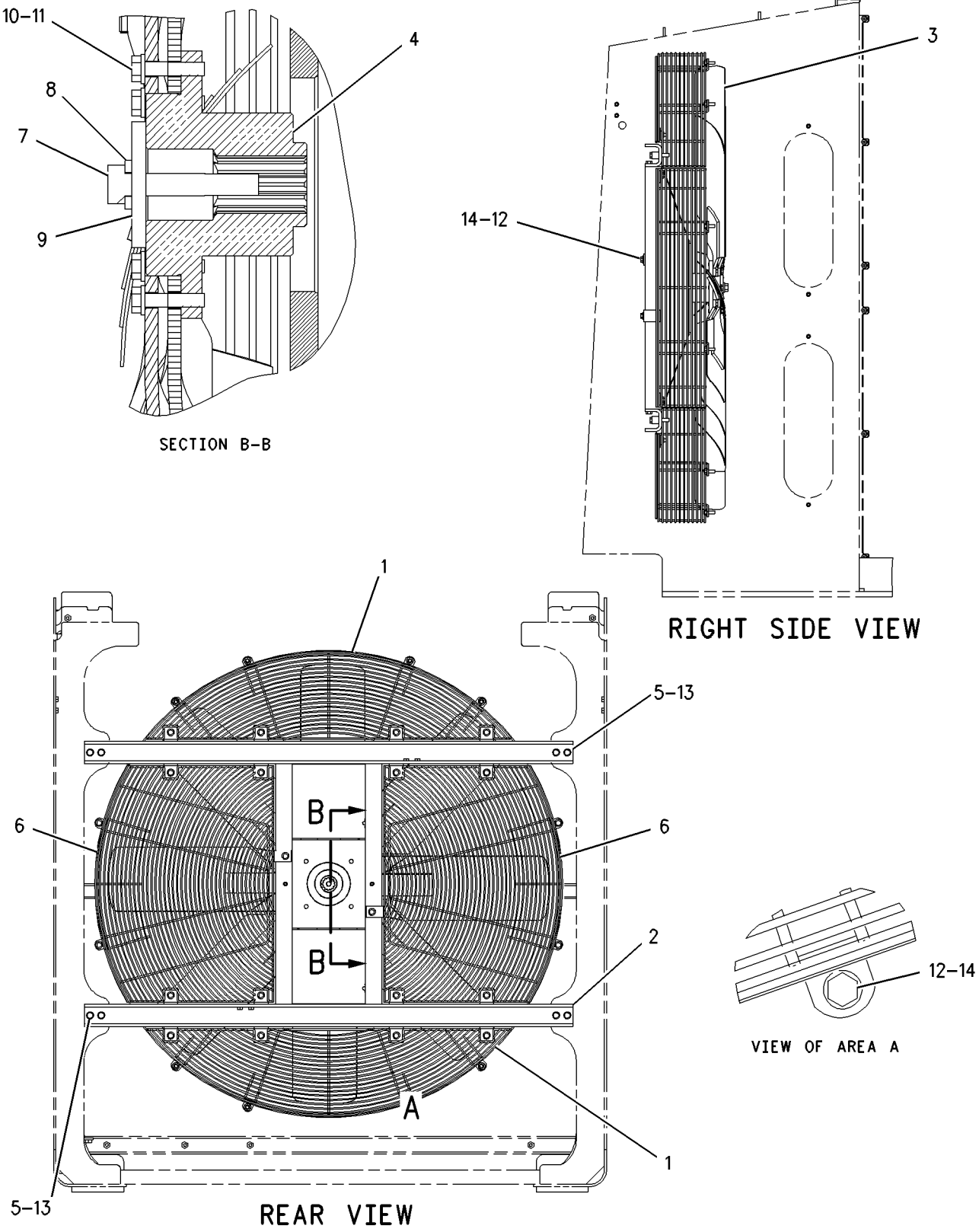
PART OF 276-2543 RADIATOR AR

SMCS-1356 **i01972695**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**207-5025**	2	GUARD AS	
	2	1	**207-5026**	1	SUPPORT AS	
M		1	**8T-3490**	8	NUT-WELD (M10X1.5-THD)	
	3	1	**4P-6565**	1	SPIDER AS-FAN (8-BLADE)	
	4	1	**112-7250**	1	ADAPTER	
	5	1	**122-4026**	8	SPACER (13X25X25-MM THK)	
	6	1	**194-0868**	2	GUARD AS	
	7	1	**5P-7782**	1	BOLT-LOCKING (5/8-11X3.75-IN)	
	8	1	**7X-0515**	1	WASHER-HARD (17X35X5-MM THK)	
	9	1	**7X-0540**	1	WASHER-HARD (17X90X10-MM THK)	
	10	1	**8T-4121**	8	WASHER-HARD (11X21X2.5-MM THK)	
M	11	1	**8T-4182**	8	BOLT (M10X1.5X45-MM)	
M	12	1	**8T-4195**	30	BOLT (M10X1.5X30-MM)	
M	13	1	**8T-4910**	8	BOLT (M12X1.75X60-MM)	
	14	1	**7X-7729**	30	WASHER (11X25X3-MM THK)	

M - METRIC PART

191-4603 **FAN GP-SUCTION (**contd.**)** **i01972695**



GRAPHIC #1 <END> g00850521

431-7743 KIT-OIL COOLER & LINES GASKET

S/N: EHX1-UP

KIT CONTAINS GASKETS AND SEALS TO ASSEMBLE AND REINSTALL THE OIL COOLERS, OIL FILTER BASE, AND ATTACHING LINES.

FOR USE WITH 217-5670—PAGE: 8

SMCS-1378, 7555 **i07187001**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	8C-3445	1	CAP-DUST	
	157-0670	1	CAP-DUST	
	2P-4305	3	GASKET	
	4N-0865	1	GASKET	
	4N-1946	1	GASKET	
	4N-2199	2	GASKET	
	7C-0307	2	GASKET	
	7S-8767	4	GASKET	
	343-8888	1	GASKET	
	4N-3841	1	GASKET	
	5P-8068	1	SEAL-O-RING	
	112-3540	2	SEAL-O-RING	
	6V-5048	1	SEAL-O-RING	
	6V-5063	4	SEAL-O-RING	
	6V-5064	1	SEAL-O-RING	
	6V-9027	3	SEAL-O-RING	
	061-7540	5	SEAL-O-RING	
	109-0074	1	SEAL-O-RING	
	109-0075	1	SEAL-O-RING	
	109-0077	2	SEAL-O-RING	
	113-5304	3	SEAL-O-RING	
	214-7566	3	SEAL-O-RING	
			FOR A LIST OF RELATED PARTS THAT MAY BE REQUIRED FOR THE ENGINE REBUILD TO THE KIT CONSIST, PLEASE VISIT	
			HTTP://DEALER.CAT.COM/RELATED	
			<END>	

433-9198 KIT-WATER LINES GASKET

S/N: BTW1-UP

KIT CONTAINS GASKETS AND SEALS TO INSTALL A WATER LINES GROUP.

SMCS-1380, 7555 **i05802578**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	3S-9643	2	SEAL-LIP TYPE	
	6V-6609	1	SEAL-O-RING	
	6V-9027	4	SEAL-O-RING	
	8T-1703	3	SEAL-O-RING	
	107-5769	2	SEAL-O-RING	
	109-0076	3	SEAL-O-RING	
	224-6079	1	SEAL-O-RING	
	231-4708	3	SEAL-O-RING	
			<END>	

377-7037 KIT-WATER PUMP

S/N: BTW1-UP

SMCS-1361 **i07142391**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	108-7930	1	BEARING AS-ROLLER	
	165-3929	1	BOLT (3/8-16X1.5-IN)	
	1A-1135	1	BOLT (5/8-11X2-IN)	
	136-3742	1	FILTER	
	111-2721	1	PLUG-FELT	
	136-1107	1	RETAINER	
	153-1256	1	SEAL-LIP TYPE	
	9M-3786	1	SEAL-O-RING	
	109-0077	1	SEAL-O-RING	
	122-3772	1	SEAL-O-RING	
	349-2654	1	SEAL-WATER PUMP	
	135-4928	1	SHAFT-WATER PUMP	
	5S-0581	1	WASHER-HARD (17X38X8-MM THK)	
	9M-6527	1	WASHER-HARD (10.2X25.5X5-MM THK)	
			FOR A LIST OF RELATED PARTS THAT MAY BE REQUIRED FOR THE ENGINE REBUILD TO THE KIT CONSIST, PLEASE VISIT:	
			HTTP://DEALER.CAT.COM/RELATED	
			<END>	

217-5673 LINES GP-WATER

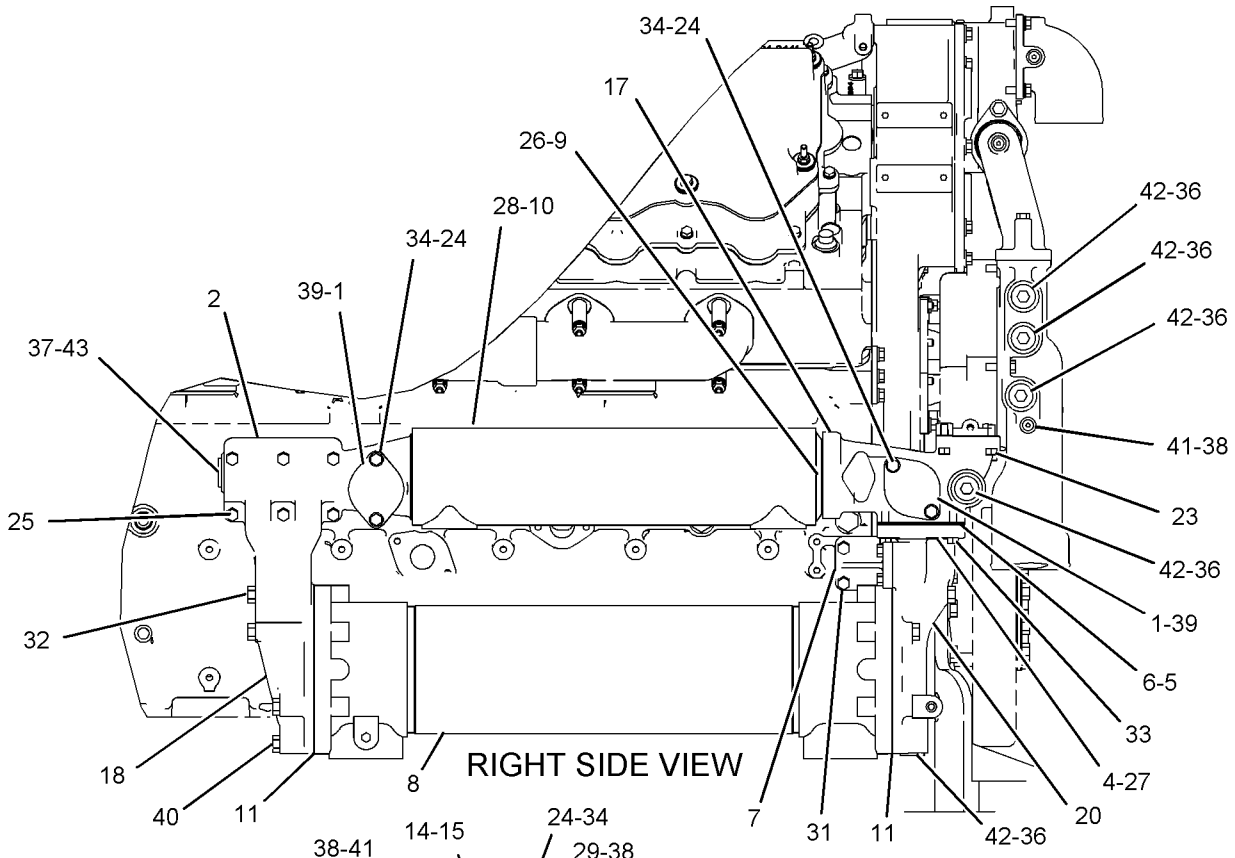
S/N: EHX1-UP
PART OF 217-5670, 271-8633 ENGINE AR-COMPLETE
TYPE 1

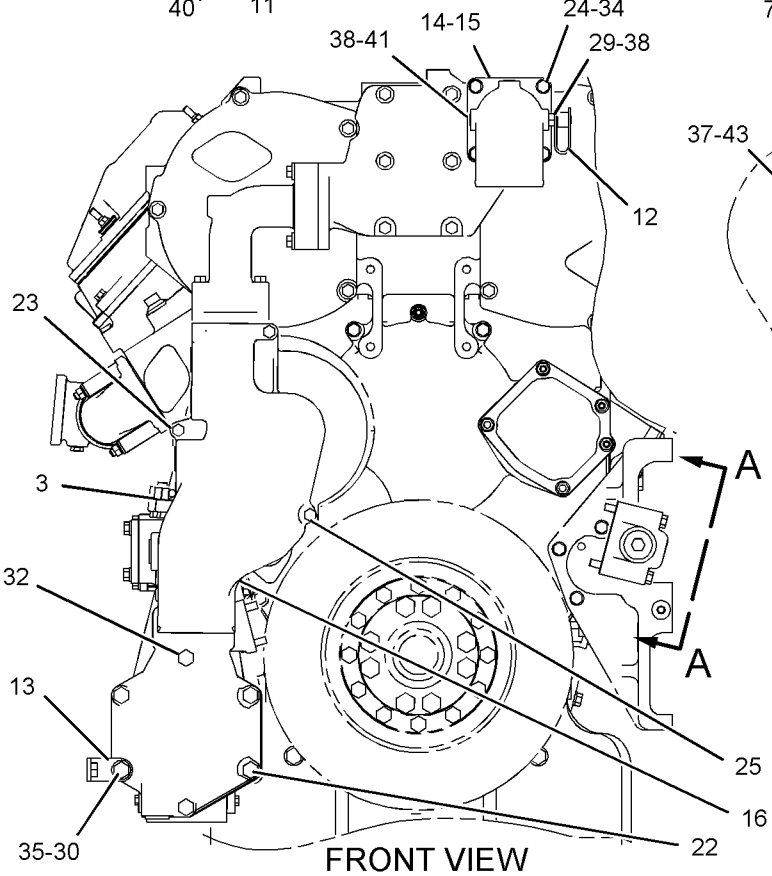
SMCS-1380 **i07183937**

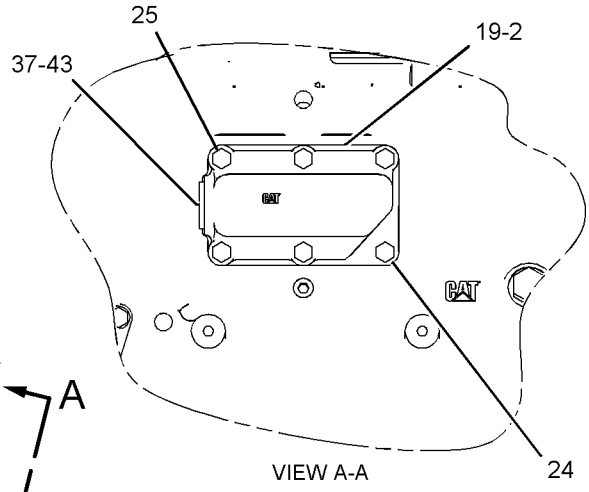
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4N-0794**	2	COVER	
	2	1	**343-8888**	2	GASKET	
	3	1	**4N-1946**	1	GASKET	
	4	1	**4N-2198**	1	FLANGE	
	5	1	**4N-2199**	2	GASKET	
	6	1	**4N-2380**	1	SPACER-SPECIAL (OIL COOLER)	
	7	1	**4N-8452**	1	SUPPORT	
YR	8	1	**4W-0419**	1	CORE GP-OIL COOLER (TRANSMISSION)	682
	9	1	**6N-0008**	1	ADAPTER	
R	10	1	**7C-0145**	1	CORE AS-OIL COOLER (ENGINE)	
	11	1	**7S-8767**	2	GASKET	
	12	1	**157-0670**	1	CAP-DUST (ENGINE COOLANT)	
	13	1	**160-8708**	1	BRACKET AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	14	1	**224-6079**	1	SEAL-O-RING	
	15	1	**235-4753**	1	ELBOW	
	16	1	**237-4180**	1	COVER-WATER PUMP	
	17	1	**238-0281**	1	BONNET (ENGINE OIL COOLER)	
	18	1	**238-0292**	1	BONNET (ENGINE OIL COOLER)	
	19	1	**238-0293**	1	ADAPTER (WATER HEATER)	
	20	1	**238-0994**	1	BONNET	
	21	1	**0L-1143**	1	BOLT (3/8-16X2.5-IN)	
	22	1	**0S-1587**	4	BOLT (1/2-13X1.75-IN)	
	23	1	**0S-1588**	5	BOLT (3/8-16X1.25-IN)	
	24	1	**0S-1594**	9	BOLT (3/8-16X1-IN)	
	25	1	**0S-1619**	12	BOLT (3/8-16X3-IN)	
	26	1	**109-0074**	1	SEAL-O-RING	
	27	1	**109-0075**	1	SEAL-O-RING	
	28	1	**109-0077**	2	SEAL-O-RING	
	29	1	**154-9023**	1	VALVE-SAMPLING (ENGINE COOLANT)	
	30	1	**1A-1460**	1	BOLT (1/2-13X2-IN)	
	31	1	**1A-2029**	6	BOLT (3/8-16X1.125-IN)	
	32	1	**1B-2886**	4	BOLT (1/2-13X3.75-IN)	
	33	1	**3B-1915**	3	BOLT (3/8-16X1.375-IN)	
	34	1	**5M-2894**	8	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	35	1	**5P-8245**	1	WASHER-HARD (13.5X25.5X3-MM THK)	
	36	1	**6V-5063**	5	SEAL-O-RING	
	37	1	**6V-5064**	2	SEAL-O-RING	
	38	1	**6V-9027**	4	SEAL-O-RING	
	39	1	**7C-0307**	2	GASKET	
	40	1	**9S-1366**	3	BOLT (1/2-13X2.5-IN)	
	41	1	**9S-8002**	3	PLUG (7/16-20-THD)	
	42	1	**9S-8008**	5	PLUG (1-1/16-12-THD)	
	43	1	**9S-9334**	2	PLUG-O-RING (1 5/16-12-THD)	

M - METRIC PART
R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

217-5673 **LINES GP-WATER (**contd.**)** **i07183937**







GRAPHIC #1 <END> g01051329

217-5673 LINES GP-WATER

S/N: EHX1-UP

PART OF 217-5670, 271-8633, 360-3755 ENGINE AR-COMPLETE

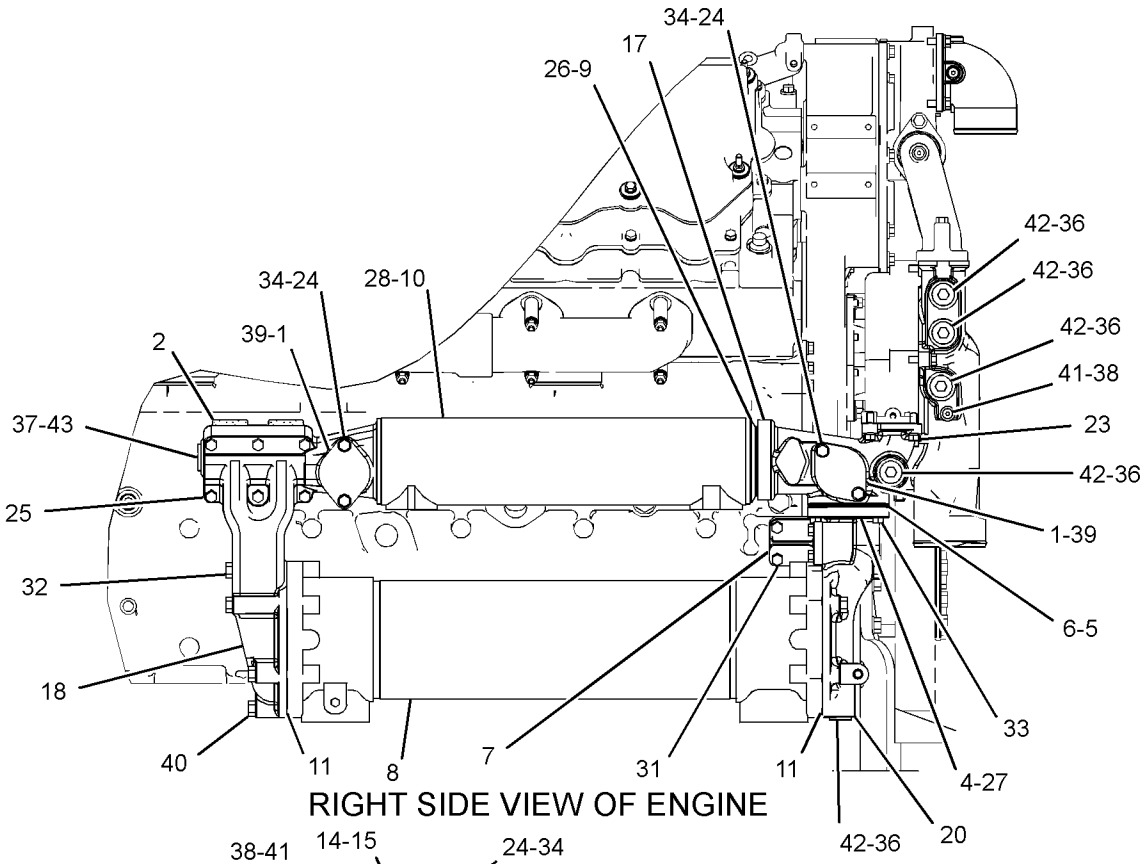
TYPE 2

SMCS-1380 **i07183936**

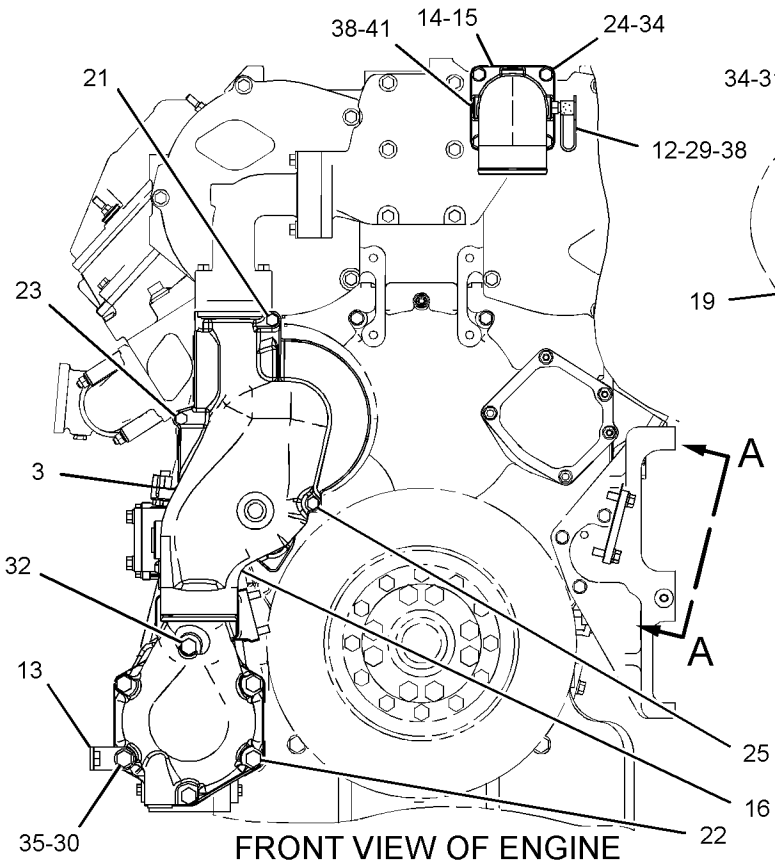
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4N-0794**	2	COVER	
	2	1	**343-8888**	2	GASKET	
	3	1	**4N-1946**	1	GASKET	
	4	1	**4N-2198**	1	FLANGE	
	5	1	**4N-2199**	2	GASKET	
	6	1	**4N-2380**	1	SPACER-SPECIAL (OIL COOLER)	
	7	1	**4N-8452**	1	SUPPORT	
YR	8	1	**4W-0419**	1	CORE GP-OIL COOLER (TRANSMISSION)	682
	9	1	**6N-0008**	1	ADAPTER	
R	10	1	**7C-0145**	1	CORE AS-OIL COOLER (ENGINE)	
	11	1	**7S-8767**	2	GASKET	
	12	1	**157-0670**	1	CAP-DUST (ENGINE COOLANT)	
	13	1	**160-8708**	1	BRACKET AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	14	1	**224-6079**	1	SEAL-O-RING	
	15	1	**235-4753**	1	ELBOW	
	16	1	**237-4180**	1	COVER-WATER PUMP	
	17	1	**238-0281**	1	BONNET (ENGINE OIL COOLER)	
	18	1	**238-0292**	1	BONNET (ENGINE OIL COOLER)	
C	19	1	**340-7650**	1	COVER (WATER HEATER)	
	20	1	**238-0994**	1	BONNET	
	21	1	**0L-1143**	1	BOLT (3/8-16X2.5-IN)	
	22	1	**0S-1587**	4	BOLT (1/2-13X1.75-IN)	
	23	1	**0S-1588**	5	BOLT (3/8-16X1.25-IN)	
C	24	1	**0S-1594**	8	BOLT (3/8-16X1-IN)	
C	25	1	**0S-1619**	7	BOLT (3/8-16X3-IN)	
	26	1	**109-0074**	1	SEAL-O-RING	
	27	1	**109-0075**	1	SEAL-O-RING	
	28	1	**109-0077**	2	SEAL-O-RING	
	29	1	**154-9023**	1	VALVE-SAMPLING (ENGINE COOLANT)	
	30	1	**1A-1460**	1	BOLT (1/2-13X2-IN)	
C	31	1	**1A-2029**	12	BOLT (3/8-16X1.125-IN)	
	32	1	**1B-2886**	4	BOLT (1/2-13X3.75-IN)	
	33	1	**3B-1915**	3	BOLT (3/8-16X1.375-IN)	
C	34	1	**5M-2894**	14	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	35	1	**5P-8245**	1	WASHER-HARD (13.5X25.5X3-MM THK)	
	36	1	**6V-5063**	5	SEAL-O-RING	
C	37	1	**6V-5064**	1	SEAL-O-RING	
	38	1	**6V-9027**	4	SEAL-O-RING	
	39	1	**7C-0307**	2	GASKET	
	40	1	**9S-1366**	3	BOLT (1/2-13X2.5-IN)	
	41	1	**9S-8002**	3	PLUG (7/16-20-THD)	
	42	1	**9S-8008**	5	PLUG (1-1/16-12-THD)	
C	43	1	**9S-9334**	1	PLUG-O-RING (1 5/16-12-THD)	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

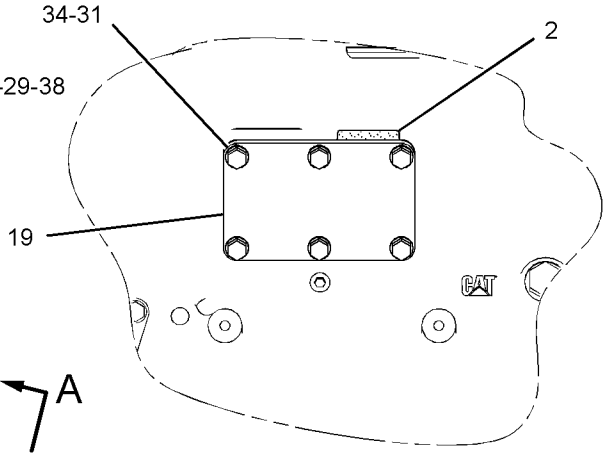
217-5673 **LINES GP-WATER (**contd.**)** **i07183936**



RIGHT SIDE VIEW OF ENGINE



FRONT VIEW OF ENGINE



VIEW A-A

GRAPHIC #1 <END> g02720328

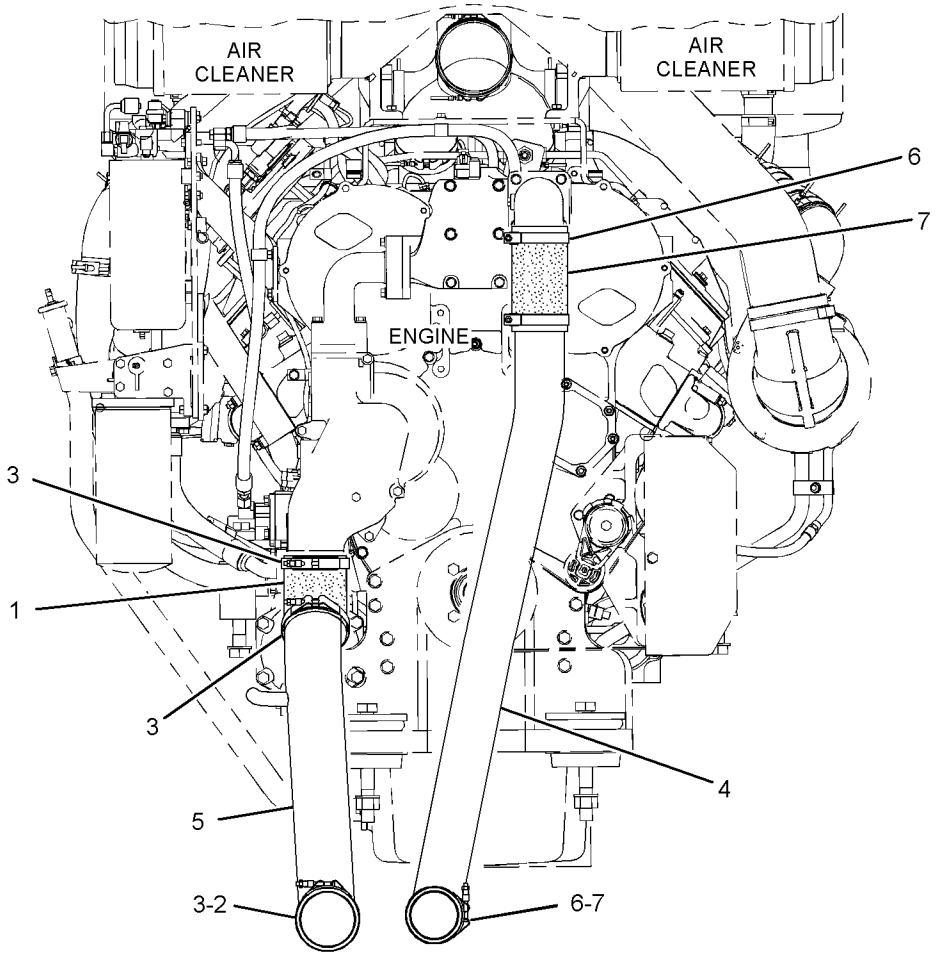
234-4987 LINES GP-WATER

S/N: BTW1-UP

PART OF 230-3275 CHASSIS AR

SMCS-1380 **i05126231**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**341-1416**	1	ELBOW	
	2	1	**392-5611**	1	HOSE	
	3	1	**209-4590**	4	CLAMP-T BOLT	
	4	1	**238-0263**	1	TUBE	
	5	1	**238-0264**	1	TUBE AS	
	6	1	**209-4588**	4	CLAMP	
	7	1	**372-7718**	2	HOSE	



REAR VIEW

GRAPHIC #1 <END> g03308639

238-7590 LINES GP-WATER—ENGINE

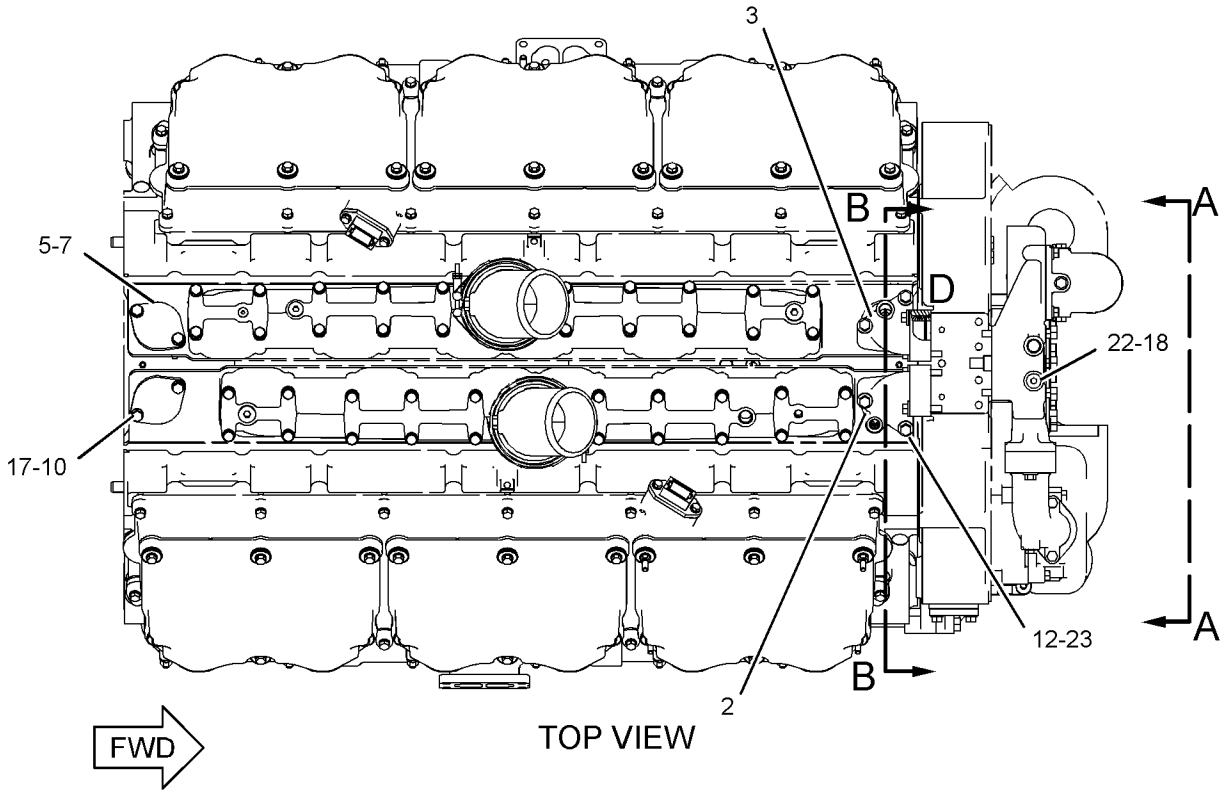
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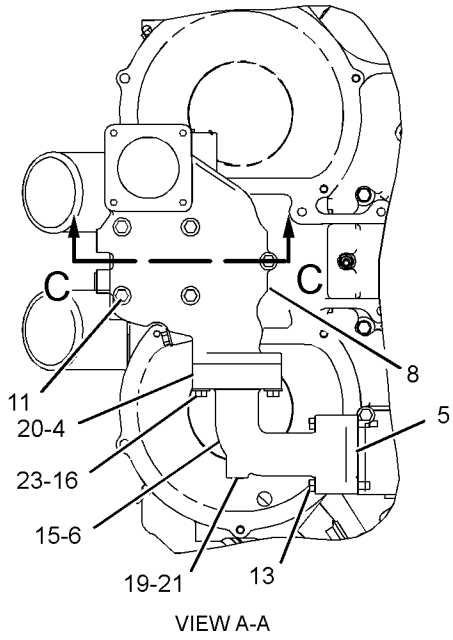
PART OF 217-5670, 271-8633, 360-3755 ENGINE AR-COMPLETE

SMCS-1380 **i07178012**

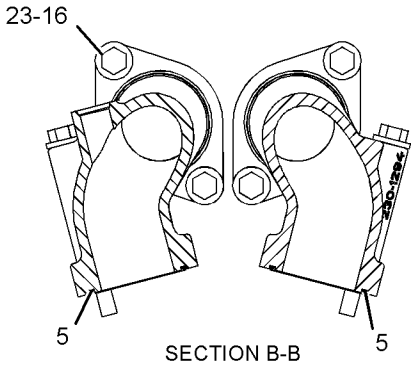
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**248-5513**	2	REGULATOR-TEMPERATURE (92-DEG C) (COOLANT)	
	2	1	**230-1294**	1	ELBOW	
	3	1	**230-1296**	1	ELBOW	
	4	1	**230-1302**	3	FLANGE	
	5	1	**231-4708**	5	SEAL-O-RING	
	6	1	**234-3438**	1	ELBOW	
	7	1	**236-2502**	2	COVER	
	8	1	**239-5225**	1	HOUSING AS	
	8A	1	**111-4374**	1	VALVE AS	
	8B	1	**3B-0622**	1	PLUG-CUP	
	8C	1	**3S-9643**	2	SEAL-LIP TYPE (WATER TEMPERATURE REGULATOR)	
	10	1	**0S-1594**	4	BOLT (3/8-16X1-IN)	
	11	1	**0S-1608**	5	BOLT (3/8-16X3.75-IN)	
	12	1	**0T-0055**	4	BOLT (3/8-16X4.25-IN)	
	13	1	**0T-0573**	2	BOLT (3/8-16X2.75-IN)	
	14	1	**107-5769**	2	SEAL-O-RING (TEMPERATURE REGULATOR HOUSING)	
	15	1	**109-0076**	3	SEAL-O-RING	
	16	1	**1C-2251**	6	BOLT (3/8-16X1.87-IN)	
	17	1	**5M-2894**	4	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	18	1	**6V-6609**	1	SEAL-O-RING	
	19	1	**6V-9027**	1	SEAL-O-RING	
	20	1	**8T-1703**	3	SEAL-O-RING	
	21	1	**9S-8002**	1	PLUG (7/16-20-THD)	
	22	1	**9S-8005**	1	PLUG (3/4-16-THD)	
	23	1	**9X-6458**	10	WASHER-HARD (10.2X22.5X3-MM THK)	

238-7590 **LINES GP-WATER (**contd.**)** **i07178012**

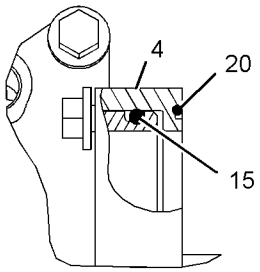




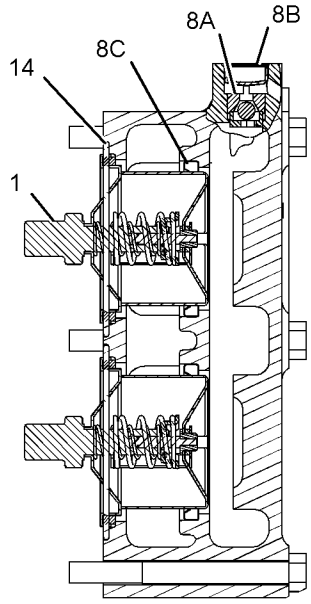
VIEW A-A



SECTION B-B



VIEW OF AREA D



SECTION C-C

GRAPHIC #1 <END> g01155552

137-1339 PUMP GP-WATER*R

S/N: EHX1-UP

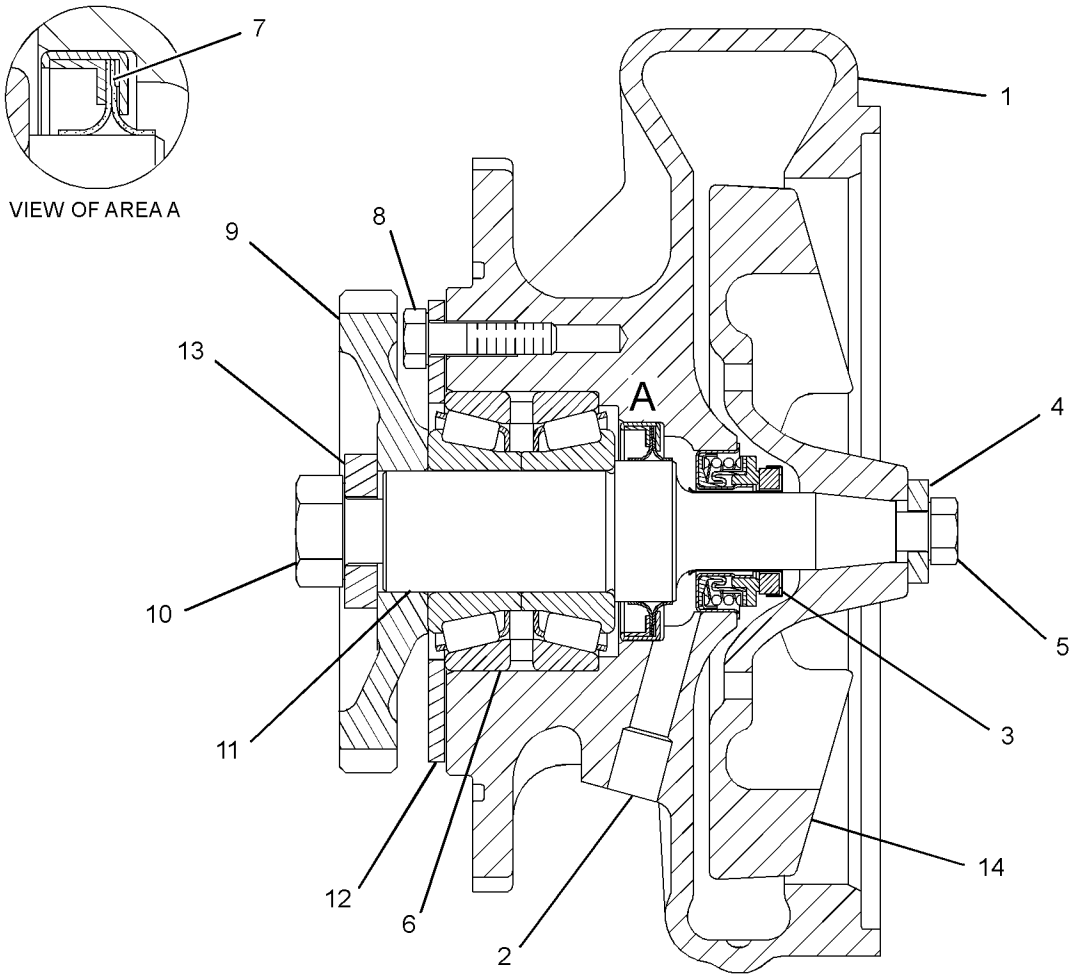
PART OF 4N-5837 PUMP GP-WATER

SMCS-1361 **i04394369**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**137-1344**	1	HOUSING AS-PUMP	
		1	**4M-1336**	1	FERRULE	
		1	**5H-8985**	1	PIN-SPRING	
		1	**8T-6764**	1	PLUG-PIPE (1/8-27-THD)	
J	2	1	**111-2721**	1	PLUG-FELT (WATER PUMP)	
J	3	1	**128-0317**	1	SEAL GP (WATER PUMP)	
J	4	1	**9M-6527**	1	WASHER-HARD (10.2X25.5X5-MM THK)	
J	5	1	**0S-1591**	1	BOLT (3/8-16X1.5-IN)	
J	6	1	**108-7930**	1	BEARING AS-ROLLER	
J	7	1	**153-1256**	1	SEAL-LIP TYPE	
	8	1	**1B-7182**	4	BOLT (5/16-18X1.25-IN)	
	9	1	**4N-1948**	1	GEAR (43-TEETH)	
	10	1	**1A-1135**	1	BOLT (5/8-11X2-IN)	
J	11	1	**135-4928**	1	SHAFT-WATER PUMP	
J	12	1	**136-1107**	1	RETAINER	
J	13	1	**5S-0581**	1	WASHER-HARD (17X38X8-MM THK)	
	14	1	**137-1970**	1	IMPELLER-PUMP	
					AVAILABLE REPAIR KIT(S):	
AJ			**377-7037**	1	KIT-WATER PUMP	

A - NOT PART OF THIS GROUP
J - KIT(S) MARKED J INCLUDES PART(S) MARKED J

137-1339 **PUMP GP-WATER (**contd.**)** **i04394369**



GRAPHIC #1 <END> g01196883

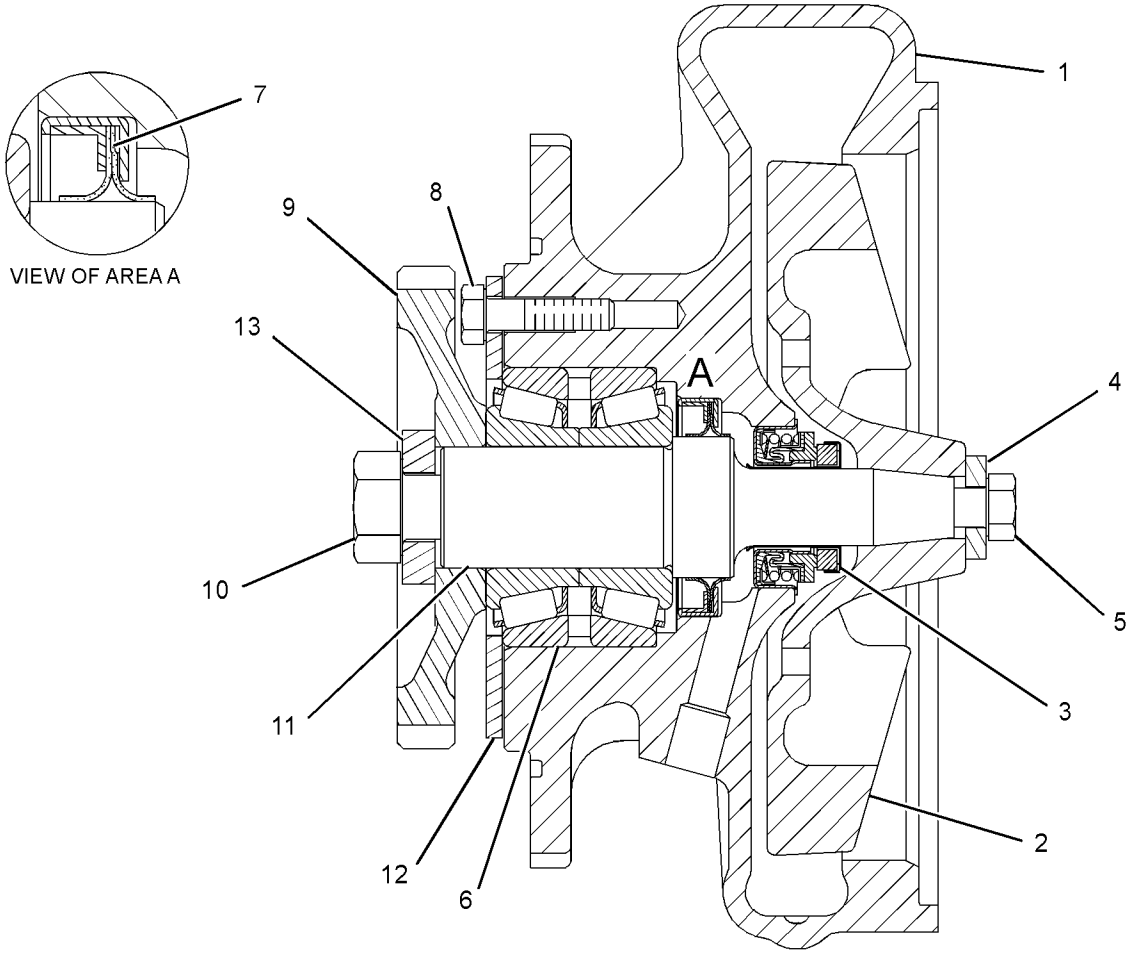
352-0200 PUMP GP-WATER*R

S/N: EHX1-UP

PART OF 4N-5837 PUMP GP-WATER

SMCS-1361 **i04488254**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**137-1344**	1	HOUSING AS-PUMP	
		1	**4M-1336**	1	FERRULE	
		1	**5H-8985**	1	PIN-SPRING	
		1	**8T-6764**	1	PLUG-PIPE (1/8-27-THD)	
		1	**111-2721**	1	PLUG-FELT	
	2	1	**137-1970**	1	IMPELLER-PUMP	
	3	1	**349-2654**	1	SEAL-WATER PUMP	
	4	1	**9M-6527**	1	WASHER-HARD (10.2X25.5X5-MM THK)	
	5	1	**0S-1591**	1	BOLT (3/8-16X1.5-IN)	
	6	1	**108-7930**	1	BEARING AS-ROLLER	
	7	1	**153-1256**	1	SEAL-LIP TYPE	
	8	1	**1B-7182**	4	BOLT (5/16-18X1.25-IN)	
	9	1	**4N-1948**	1	GEAR (43-TEETH)	
	10	1	**1A-1135**	1	BOLT (5/8-11X2-IN)	
	11	1	**135-4928**	1	SHAFT-WATER PUMP	
	12	1	**136-1107**	1	RETAINER	
	13	1	**5S-0581**	1	WASHER-HARD (17X38X8-MM THK)	



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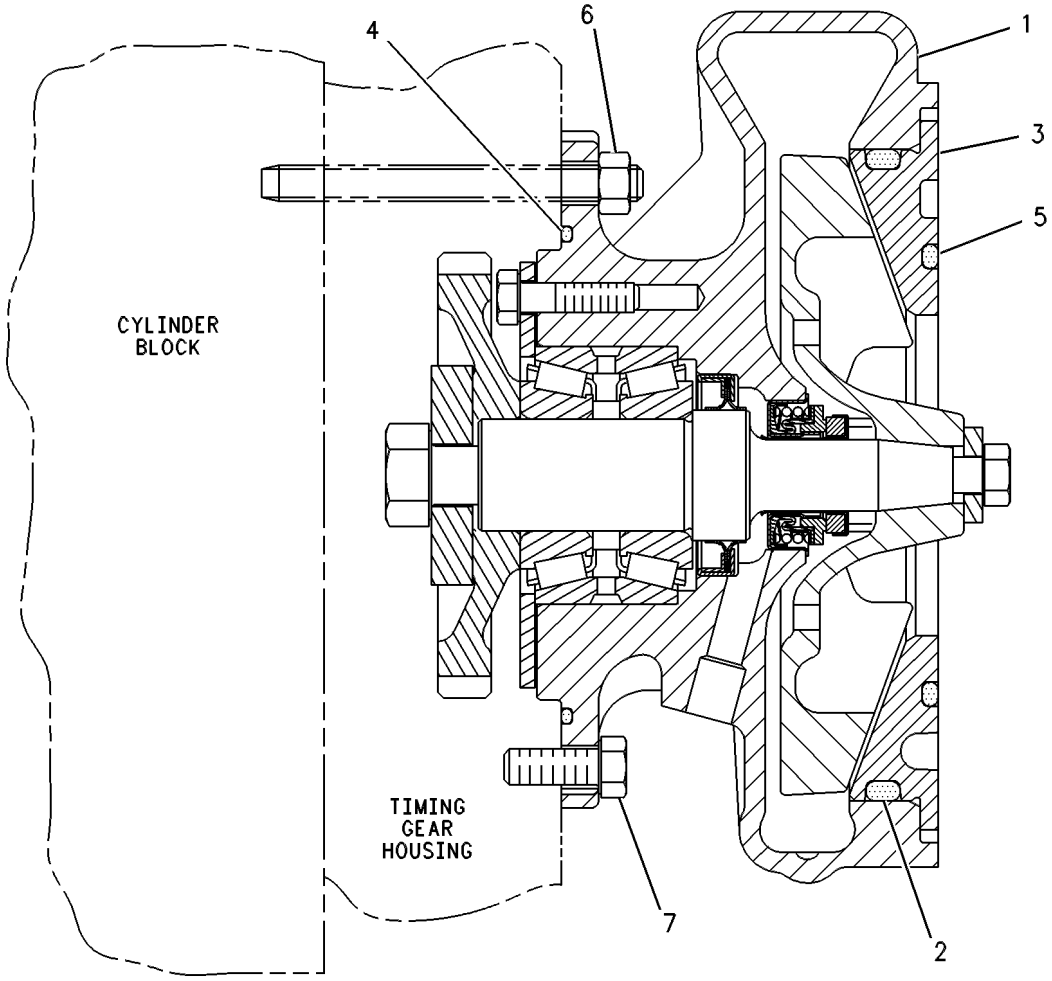
4N-5837 PUMP GP-WATER

S/N: EHX1-UP
PART OF 217-5670, 271-8633, 360-3755 ENGINE AR-COMPLETE
TYPE 1

SMCS-1361 **i03981492**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
CYR	1	1	**137-1339**	1	PUMP GP-WATER	184
J	2	1	**112-1579**	1	SEAL-O-RING	
	3	1	**101-2749**	1	ADAPTER	
J	4	1	**9X-7371**	1	SEAL-O-RING	
J	5	1	**112-1580**	1	SEAL-O-RING	
	6	1	**9S-8752**	4	NUT-FULL (3/8-16-THD)	
	7	1	**1A-2029**	1	BOLT (3/8-16X1.125-IN)	
					AVAILABLE GASKET KIT(S):	
J			**360-4174**	1	KIT-WATER PUMP	

C - CHANGE FROM PREVIOUS TYPE
J - KIT MARKED J INCLUDES PART(S) MARKED J
R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g00277057

4N-5837 PUMP GP-WATER

S/N: EHX1-UP

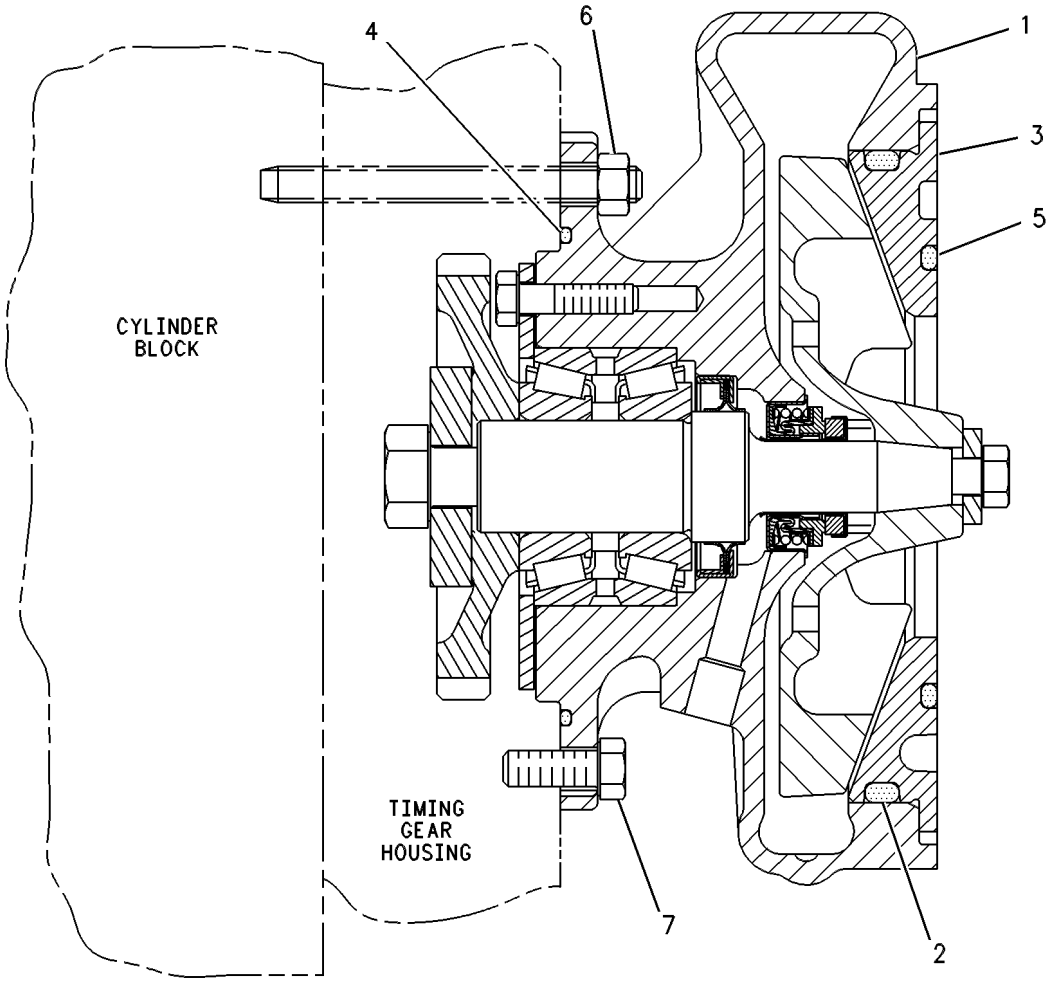
PART OF 217-5670, 271-8633, 360-3755 ENGINE AR-COMPLETE

TYPE 2

SMCS-1361 **i04486791**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
CYR	1	1	**352-0200**	1	PUMP GP-WATER	186
	2	1	**112-1579**	1	SEAL-O-RING	
	3	1	**101-2749**	1	ADAPTER	
	4	1	**9X-7371**	1	SEAL-O-RING	
	5	1	**112-1580**	1	SEAL-O-RING	
	6	1	**9S-8752**	4	NUT-FULL (3/8-16-THD)	
	7	1	**1A-2029**	1	BOLT (3/8-16X1.125-IN)	

C - CHANGE FROM PREVIOUS TYPE
R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g00277057

276-2543 RADIATOR AR

S/N: BTW1-UP

PART OF 230-3275 CHASSIS AR

SMCS-1353 **i02426245**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*191-4617*	1	AFTERCOOLER GP-AIR	223
Y	*234-4994*	1	CONDENSER & MTG GP-REFRIGERANT	1236
Y	*274-6867*	1	COOLER GP-HYDRAULIC OIL	997
Y	*191-8445*	1	COVER GP-ACCESS (RADIATOR)	810
Y	*191-4603*	1	FAN GP-SUCTION	173
Y	*234-4992*	1	GUARD GP-RADIATOR	866
Y	*235-0650*	1	MOTOR & MTG GP-HYDRAULIC FAN	1062
Y	*273-5036*	1	RADIATOR GP	190
Y	*193-1658*	1	SHROUD GP-RADIATOR	192

Y - SEPARATE ILLUSTRATION

<END>

273-5036 RADIATOR GP

S/N: BTW1-UP

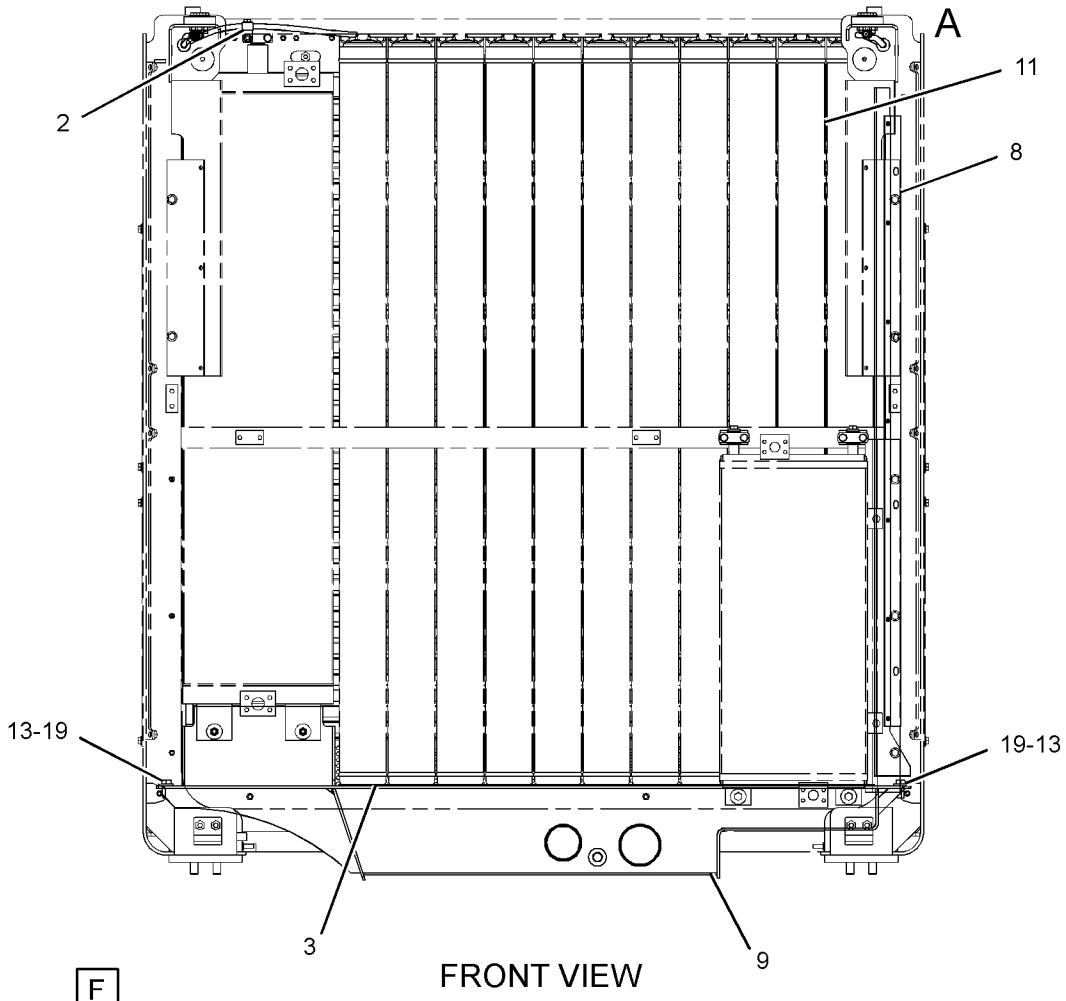
PART OF 276-2543 RADIATOR AR

SMCS-1353 **i02426250**

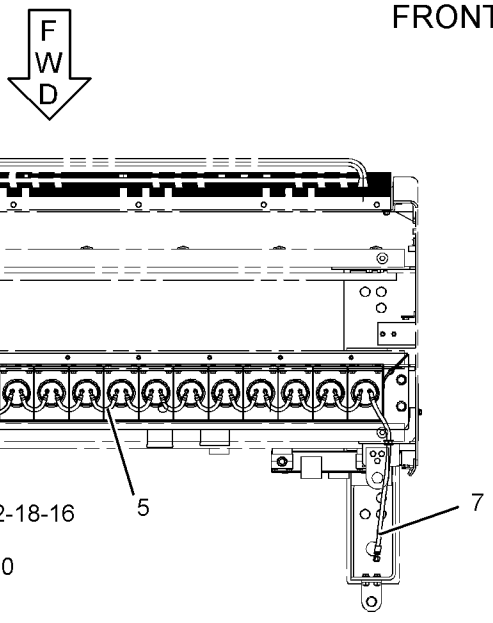
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1P-4278**	22	CLAMP-HOSE	
	2	1	**4E-2289**	1	ANGLE AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	3	1	**6I-2431**	11	SEAL	
	4	1	**6I-2435**	11	SPACER (80X108X25-MM THK)	
	5	1	**106-4572**	10	HOSE-RADIATOR	
	6	1	**112-9486**	11	RETAINER	
I	7	1	**167-7691**	1	HOSE AS	
	8	1	**205-0037**	1	BAFFLE AS	
		1	**7D-8635**	7	RIVET	
	9	1	**273-5024**	1	TANK AS-BOTTOM	
I	10	1	**274-1641**	1	HOSE AS	
	11	1	**223-5120**	11	CORE AS-RADIATOR	
	12	1	**6D-3479**	1	CLIP	
	13	1	**7X-0515**	4	WASHER-HARD (17X35X5-MM THK)	
	14	1	**7X-4780**	2	GROMMET	
	15	1	**7X-7729**	22	WASHER (11X25X3-MM THK)	
	16	1	**8T-4121**	1	WASHER-HARD (11X21X2.5-MM THK)	
M	17	1	**8T-4136**	22	BOLT (M10X1.5X25-MM)	
M	18	1	**8T-4137**	1	BOLT (M10X1.5X20-MM)	
M	19	1	**8T-4779**	4	BOLT (M16X2X35-MM)	

I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART

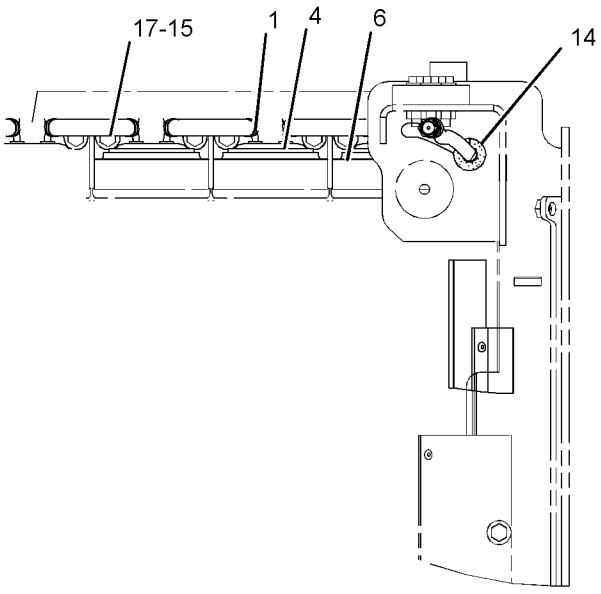
273-5036 **RADIATOR GP (**contd.**)** **i02426250**



FRONT VIEW



TOP VIEW



VIEW OF AREA A

GRAPHIC #1 <END> g01218720

193-1658 SHROUD GP-RADIATOR

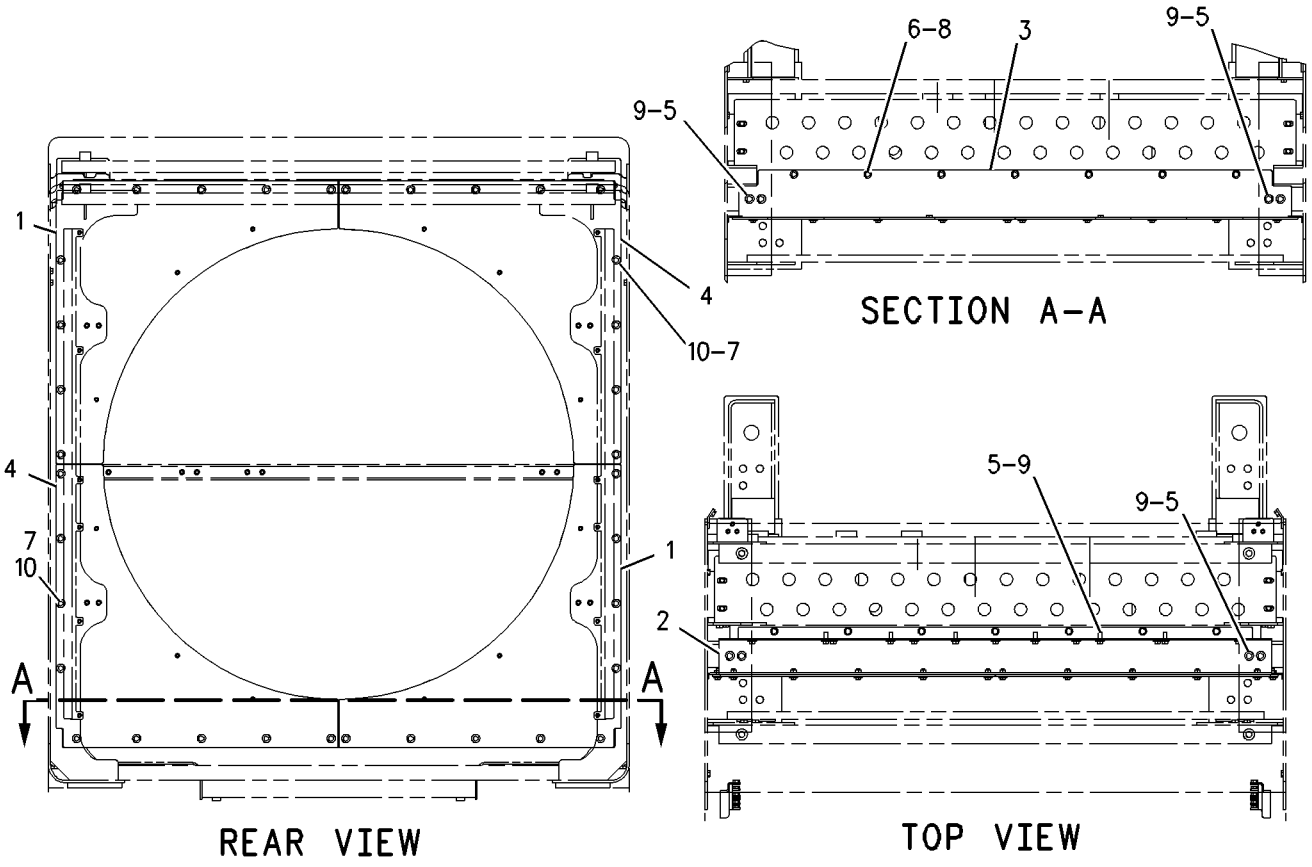
S/N: BTW1-UP

PART OF 276-2543 RADIATOR AR

SMCS-7272 **i04146429**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**193-1654**	2	PLATE AS	
					(EACH INCLUDES)	
M		1	**8T-3490**	3	NUT-WELD (M10X1.5-THD)	
	2	1	**193-1655**	1	CHANNEL AS	
M		1	**8T-3490**	10	NUT-WELD (M10X1.5-THD)	
	3	1	**193-1656**	1	ANGLE AS	
M		1	**8T-3490**	10	NUT-WELD (M10X1.5-THD)	
	4	1	**193-9298**	2	PLATE AS	
					(EACH INCLUDES)	
M		1	**8T-3490**	2	NUT-WELD (M10X1.5-THD)	
	5	1	**5P-1076**	14	WASHER-HARD (13.5X30X4-MM THK)	
	6	1	**7X-7729**	7	WASHER (11X25X3-MM THK)	
	7	1	**8T-2561**	36	WASHER-HARD (10.5X28.5X5-MM THK)	
M	8	1	**8T-4136**	7	BOLT (M10X1.5X25-MM)	
M	9	1	**8T-4139**	14	BOLT (M12X1.75X30-MM)	
M	10	1	**8T-4195**	36	BOLT (M10X1.5X30-MM)	

M - METRIC PART



GRAPHIC #1 <END> g00765864

234-4989 TANK GP-RADIATOR TOP

S/N: BTW1-157

PART OF 230-3275 CHASSIS AR

SMCS-1377 **i02389060**

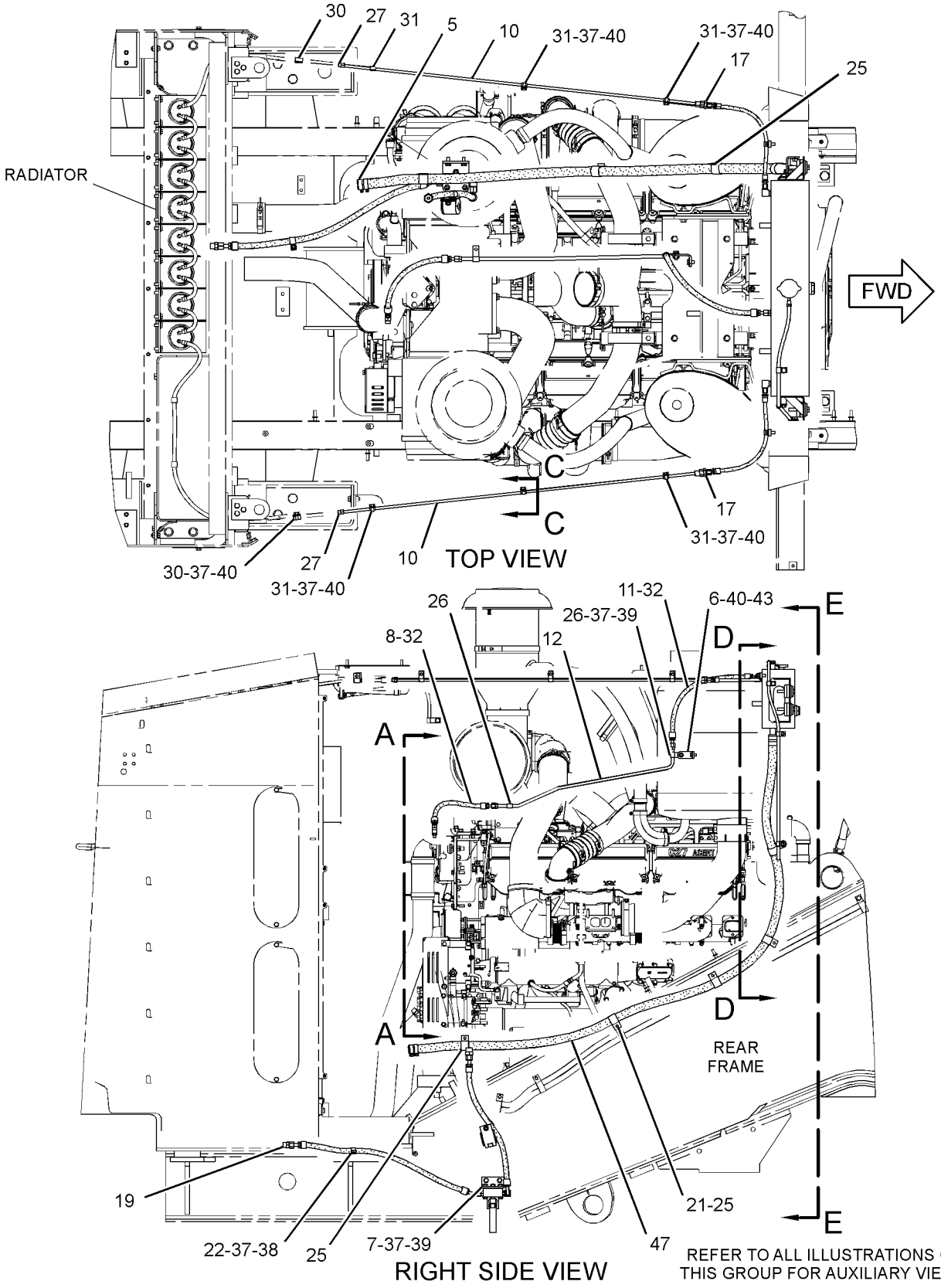
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	3	**1P-4278**	1	CLAMP-HOSE	
	2	3	**6L-8617**	1	CAP-PRESSURE (7-PSI)	
	3	3	**7T-8331**	4	MOUNT AS	
	4	3	**9Y-9236**	1	GAUGE-SIGHT	
	5	1,3	**110-2445**	4	CLAMP-HOSE	
	6	1,2	**142-3331**	2	BRACKET AS	
Y	7	1	*192-7430*	1	VALVE GP-RADIATOR DRAIN	221
I	8	1	**192-9000**	1	HOSE AS	
	9	2	**194-3825**	1	TANK AS-RADIATOR TOP	
		2	**117-8721**	2	LUG (M10X1.5-THD)	
	10	1	**194-7107**	2	TUBE AS	
I	11	1	**195-1136**	1	HOSE AS	
	12	1	**238-2030**	1	TUBE AS	
I	13	3	**277-6400**	1	HOSE AS	
I	14	3	**277-6402**	1	HOSE AS	
I	15	2	**278-3364**	2	HOSE AS	
	16	2,3	**033-8248**	8	CLIP	
	17	1	**061-6737**	2	UNION-FLARED	
	18	3	*148-8328*	1	CONNECTOR AS	
		3	**3D-2824**	1	SEAL-O-RING	
		3	**6V-8398**	1	SEAL-O-RING	
		3	**6V-8633**	1	CONNECTOR	
	19	1	*148-8345*	1	CONNECTOR AS	
		1	**2M-9780**	1	SEAL-O-RING	
		1	**6V-8398**	1	SEAL-O-RING	
		1	**6V-8638**	1	CONNECTOR	
	20	2	*164-7908*	1	ELBOW AS	
		2	**3J-7354**	1	SEAL-O-RING	
		2	**6V-8397**	1	SEAL-O-RING	
		2	**8T-7546**	1	ELBOW	
	21	1,2	**198-4777**	3	WASHER-HARD (11X25X10-MM THK)	
	22	1,3	**1S-0994**	2	CLIP (LOOP)	
	23	3	*203-2059*	1	CONNECTOR AS	
		3	**6V-8397**	1	SEAL-O-RING	
		3	**8C-6869**	1	CONNECTOR	
	24	2	**2N-8037**	2	ELBOW	
	25	1,2	**4D-7388**	5	CLIP	
	26	1	**4D-9517**	2	CLIP	
	27	1	**4J-5477**	2	SEAL-O-RING	
	28	3	**5P-7468**	1	CLIP (SLOT)	
	29	3	**5P-7469**	1	CLIP (TAB)	
	30	1	**5P-9299**	2	CLIP (LOOP)	
	31	1,2	**6V-3265**	6	CLIP	
	32	1	**6V-8397**	2	SEAL-O-RING	
	33	3	**7M-8485**	1	SEAL-O-RING	
	34	3	**7X-0589**	1	WASHER-HARD (12X28.5X5-MM THK)	
	35	3	**7X-0590**	4	WASHER-HARD (13.5X44.5X6-MM THK)	

234-4989 **TANK GP-RADIATOR TOP (**contd.**)** **i02389060**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	36	2	**8M-2770**	2	CLIP (LOOP)	
	37	1,2,3	**8T-4121**	20	WASHER-HARD (11X21X2.5-MM THK)	
M	38	1,2,3	**8T-4133**	5	NUT (M10X1.5-THD)	
M	39	1,2	**8T-4136**	4	BOLT (M10X1.5X25-MM)	
M	40	1,2,3	**8T-4137**	9	BOLT (M10X1.5X20-MM)	
M	41	2	**8T-4195**	2	BOLT (M10X1.5X30-MM)	
M	42	3	**8T-4196**	1	BOLT (M10X1.5X35-MM)	
	43	1	**8T-4222**	1	WASHER-PLATED (11X32X2.5-MM THK)	
M	44	3	**8T-4648**	4	BOLT (M12X1.75X70-MM)	
	45	3	**8T-9518**	1	GROMMET (24-MM ID)	
E	46	2	**7Y-1976**		HOSE-WATER (126-CM)	
G	47	1	**122-6873**		HOSE-HYDRAULIC (111.81-IN)	

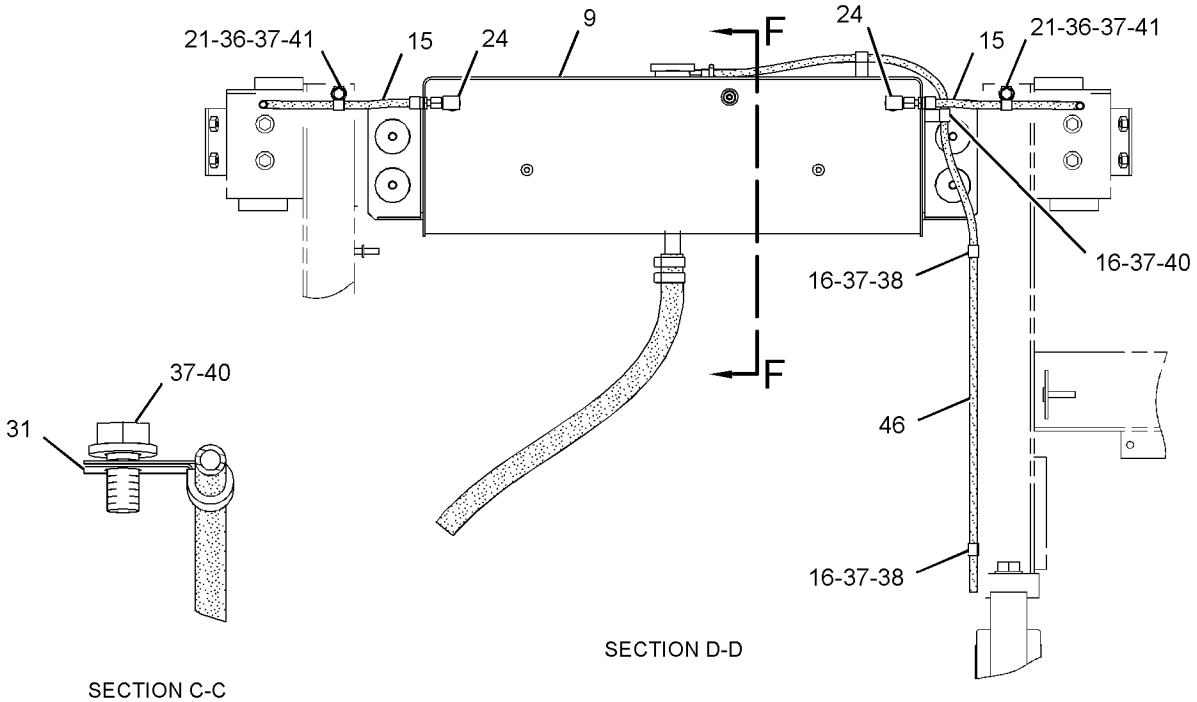
E - ORDER BY THE CENTIMETER
G - ORDER BY THE INCH
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART
Y - SEPARATE ILLUSTRATION

234-4989 **TANK GP-RADIATOR TOP (**contd.**)** **i02389060**



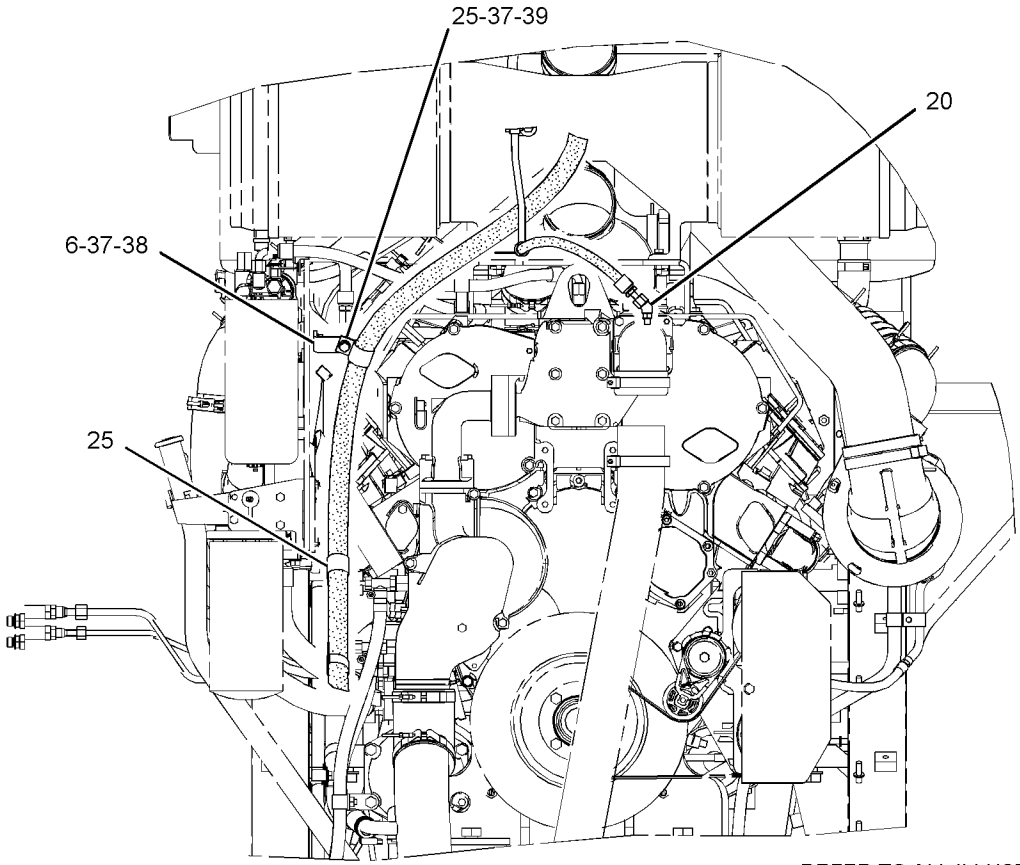
GRAPHIC #1 g01218177

234-4989 **TANK GP-RADIATOR TOP** (contd.) **i02389060**



SECTION C-C

SECTION D-D



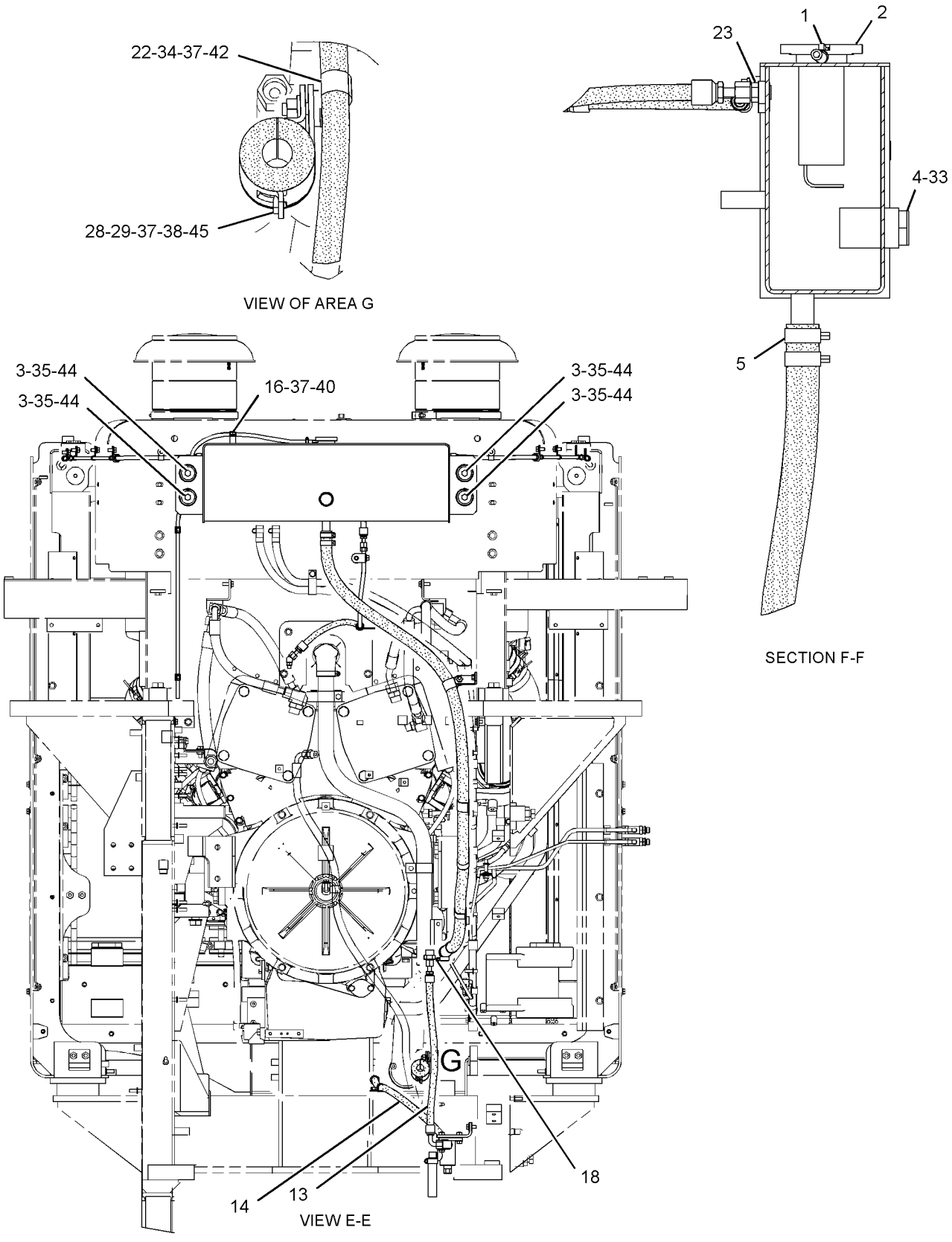
VIEW A-A

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

GRAPHIC #2

g01218179

234-4989 **TANK GP-RADIATOR TOP (**contd.**)** **i02389060**



GRAPHIC #3 <END> g01218181

234-4989 TANK GP-RADIATOR TOP

S/N: BTW158-165

PART OF 230-3275 CHASSIS AR

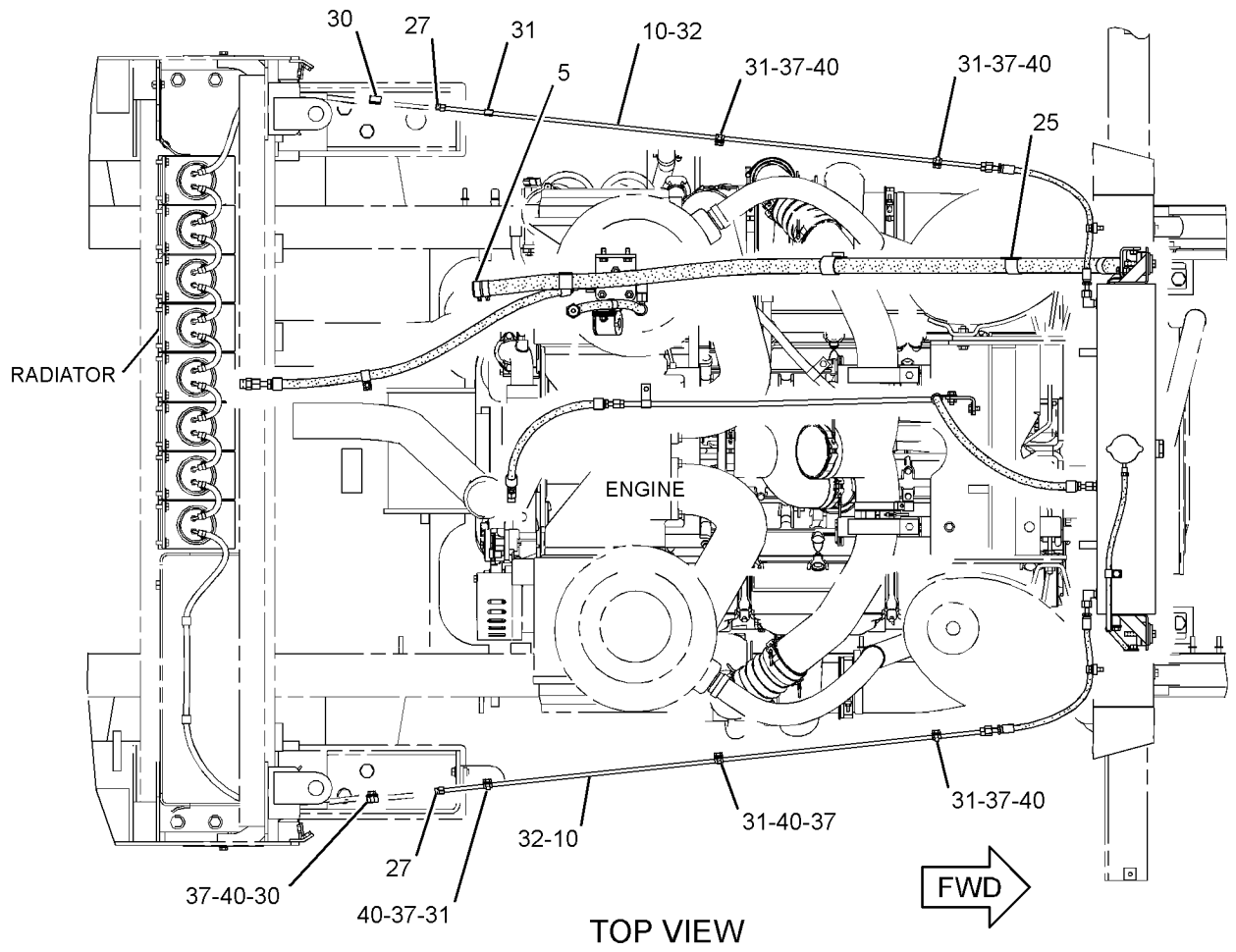
SMCS-1377 **i02731258**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**1P-4278**	1	CLAMP-HOSE	
	2	2	**6L-8617**	1	CAP-PRESSURE (7-PSI)	
	3	3	**7T-8331**	4	MOUNT AS	
	4	2	**9Y-9236**	1	GAUGE-SIGHT (WATER TANK)	
	5	1,2	**110-2445**	4	CLAMP-HOSE	
	6	2	**142-3331**	2	BRACKET AS	
Y	7	2	*192-7430*	1	VALVE GP-RADIATOR DRAIN	221
I	8	2	**192-9000**	1	HOSE AS	
	9	3	**194-3825**	1	TANK AS-RADIATOR TOP	
		3	**117-8721**	2	LUG (M10X1.5-THD)	
C	10	1	**295-2569**	2	TUBE AS	
I	11	2	**195-1136**	1	HOSE AS	
	12	2	**238-2030**	1	TUBE AS	
I	13	3	**277-6400**	1	HOSE AS	
I	14	3	**277-6402**	1	HOSE AS	
CI	15	1,3	**295-2568**	2	HOSE AS	
	16	3	**033-8248**	4	CLIP	
	18	3	*148-8328*	1	CONNECTOR AS	
		3	**3D-2824**	1	SEAL-O-RING	
		3	**6V-8398**	1	SEAL-O-RING	
		3	**6V-8633**	1	CONNECTOR	
	19	2	*148-8345*	1	CONNECTOR AS	
		2	**2M-9780**	1	SEAL-O-RING	
		2	**6V-8398**	1	SEAL-O-RING	
		2	**6V-8638**	1	CONNECTOR	
	20	2	*164-7908*	1	ELBOW AS	
		2	**3J-7354**	1	SEAL-O-RING	
		2	**6V-8397**	1	SEAL-O-RING	
		2	**8T-7546**	1	ELBOW	
	21	2,3	**198-4777**	3	WASHER-HARD (11X25X10-MM THK)	
	22	2,3	**1S-0994**	2	CLIP (LOOP)	
	23	2	*203-2059*	1	CONNECTOR AS	
		2	**6V-8397**	1	SEAL-O-RING	
		2	**8C-6869**	1	CONNECTOR	
	25	1,2	**4D-7388**	5	CLIP	
	26	2	**4D-9517**	2	CLIP	
	27	1	**4J-5477**	2	SEAL-O-RING	
	28	3	**5P-7468**	1	CLIP (SLOT)	
	29	3	**5P-7469**	1	CLIP (TAB)	
	30	1	**5P-9299**	2	CLIP (LOOP)	
	31	1	**6V-3265**	6	CLIP	
C	32	1,2,3	**6V-8397**	6	SEAL-O-RING	
	33	2	**7M-8485**	1	SEAL-O-RING	
	34	3	**7X-0589**	1	WASHER-HARD (12X28.5X5-MM THK)	
	35	3	**7X-0590**	4	WASHER-HARD (13.5X44.5X6-MM THK)	
	36	3	**8M-2770**	2	CLIP (LOOP)	
	37	1,2,3	**8T-4121**	20	WASHER-HARD (11X21X2.5-MM THK)	
M	38	2,3	**8T-4133**	5	NUT (M10X1.5-THD)	

234-4989 **TANK GP-RADIATOR TOP (**contd.**)** **i02731258**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	39	2	**8T-4136**	4	BOLT (M10X1.5X25-MM)	
M	40	1,2,3	**8T-4137**	9	BOLT (M10X1.5X20-MM)	
M	41	3	**8T-4195**	2	BOLT (M10X1.5X30-MM)	
M	42	3	**8T-4196**	1	BOLT (M10X1.5X35-MM)	
	43	2	**8T-4222**	1	WASHER-PLATED (11X32X2.5-MM THK)	
M	44	3	**8T-4648**	4	BOLT (M12X1.75X70-MM)	
	45	3	**8T-9518**	1	GROMMET (24-MM ID)	
E	46	3	**7Y-1976**		HOSE-WATER (126-CM)	
G	47	2	**122-6873**		HOSE-HYDRAULIC (111.81-IN)	
C	48	3	**2T-1925**	2	ELBOW	

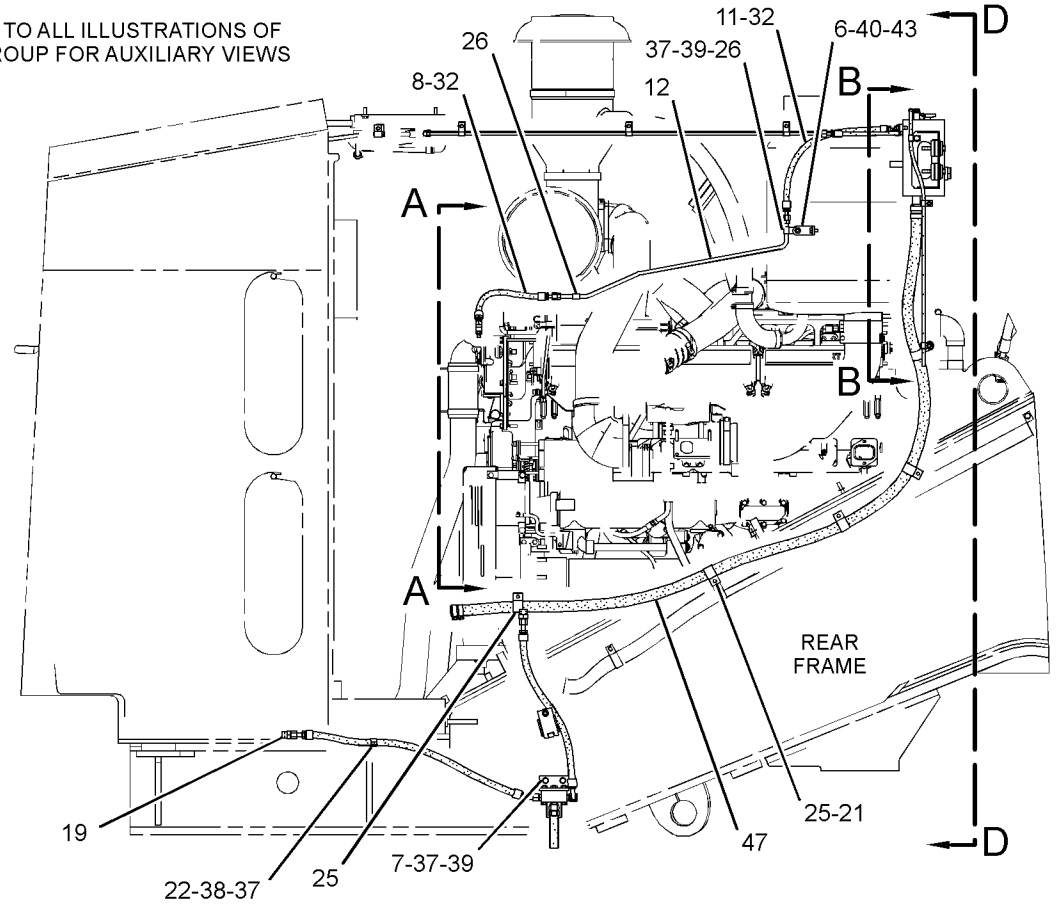
C - CHANGE FROM PREVIOUS TYPE
E - ORDER BY THE CENTIMETER
G - ORDER BY THE INCH
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART
Y - SEPARATE ILLUSTRATION



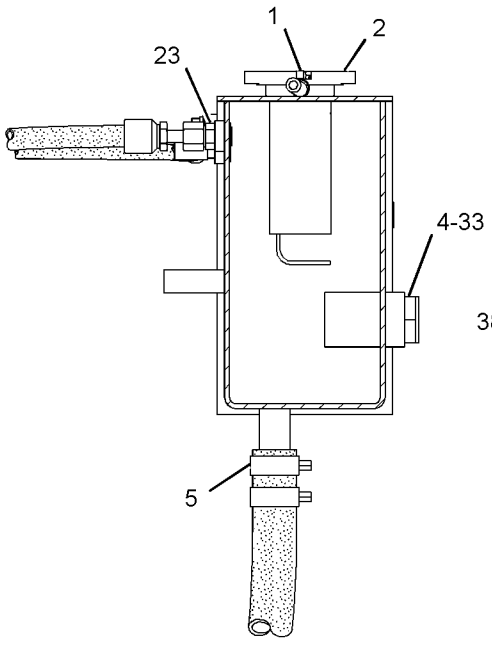
GRAPHIC #1 g01384513

234-4989 **TANK GP-RADIATOR TOP** (contd.) **i02731258**

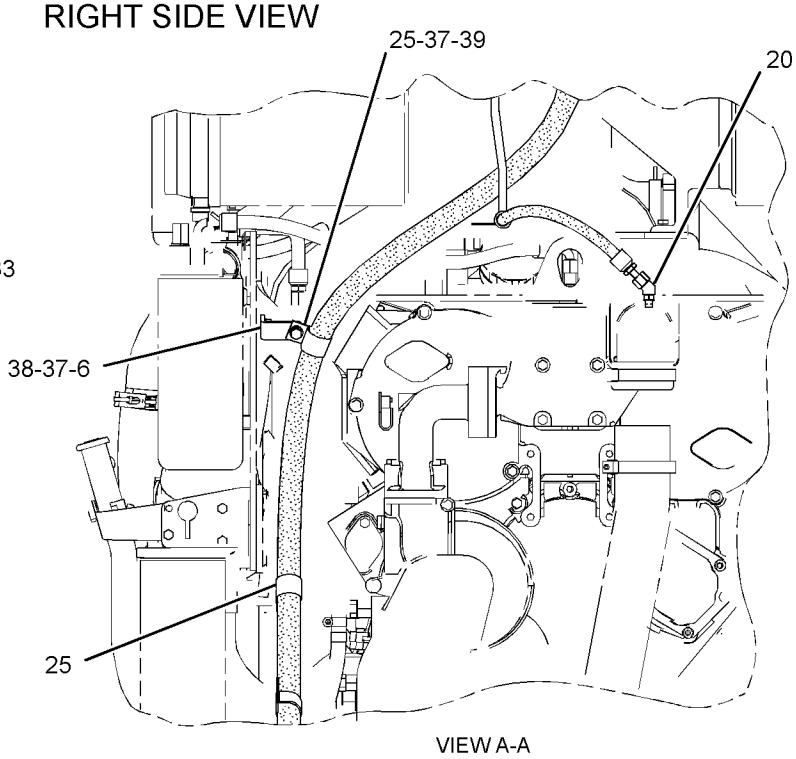
REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



RIGHT SIDE VIEW



SECTION C-C

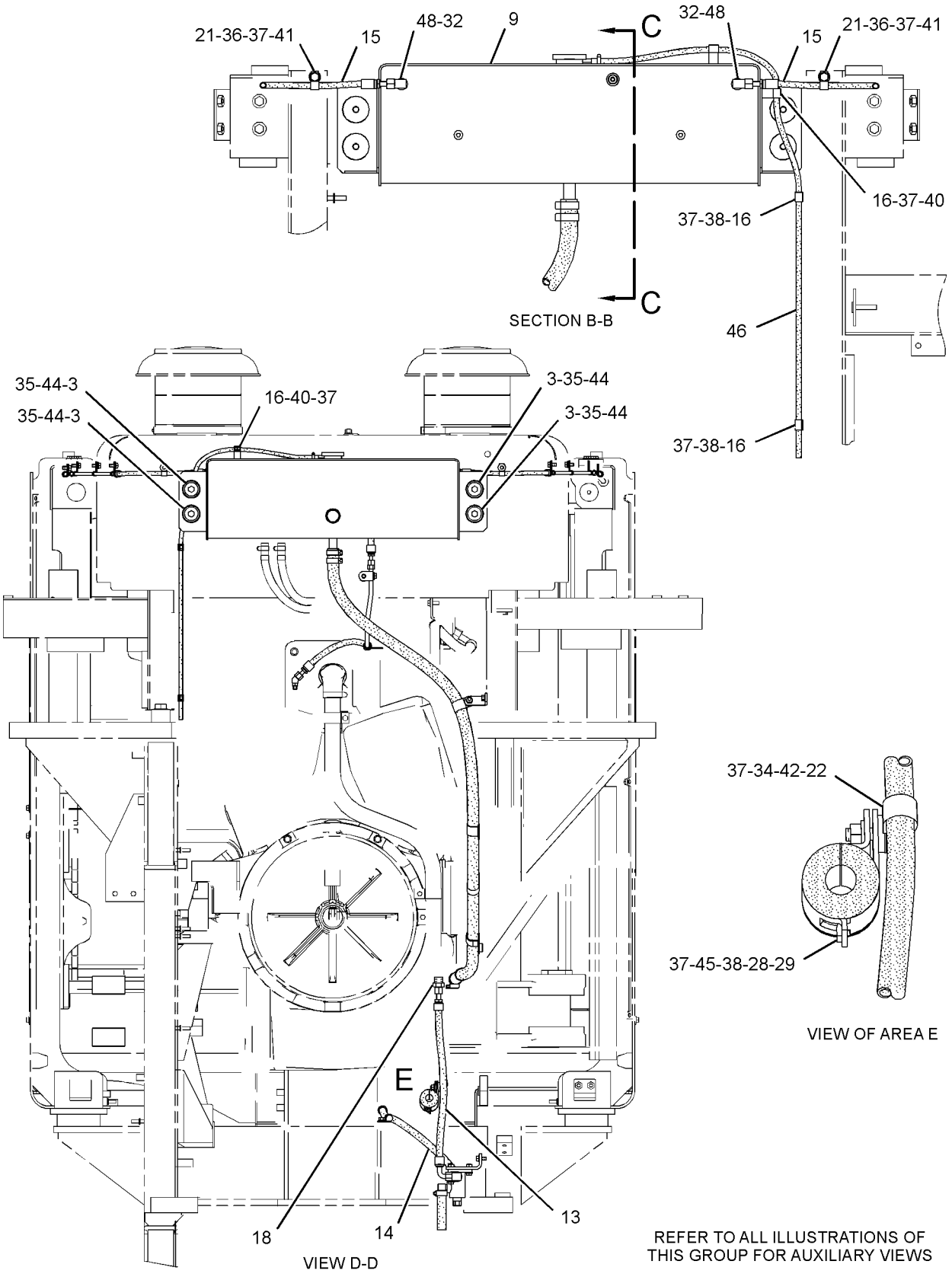


VIEW A-A

GRAPHIC #2

g01384514

234-4989 **TANK GP-RADIATOR TOP (**contd.**)** **i02731258**



GRAPHIC #3 <END> g01384504

234-4989 TANK GP-RADIATOR TOP

S/N: BTW166-179

PART OF 230-3275 CHASSIS AR

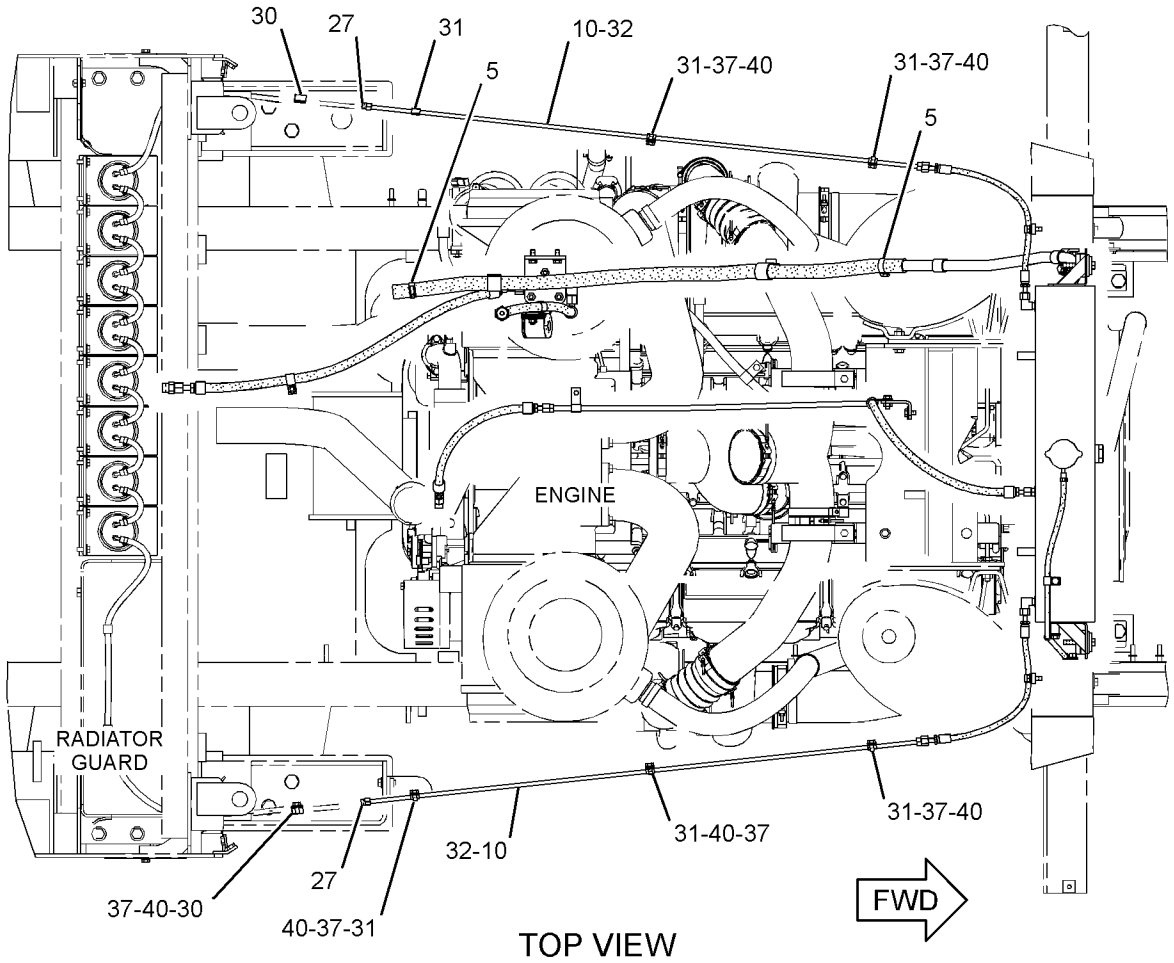
SMCS-1377 **i03092250**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**1P-4278**	1	CLAMP-HOSE	
	2	2	**6L-8617**	1	CAP-PRESSURE (7-PSI)	
	3	3	**7T-8331**	4	MOUNT AS	
	4	2	**9Y-9236**	1	GAUGE-SIGHT (WATER TANK)	
C	5	1,2,3	**289-9139**	4	CLAMP-BAND	
C	6	2	**142-3331**	1	BRACKET AS	
Y	7	2	*192-7430*	1	VALVE GP-RADIATOR DRAIN	221
I	8	2	**192-9000**	1	HOSE AS	
	9	3	**194-3825**	1	TANK AS-RADIATOR TOP	
	10	1	**295-2569**	2	TUBE AS	
I	11	2	**195-1136**	1	HOSE AS	
	12	2	**238-2030**	1	TUBE AS	
I	13	3	**277-6400**	1	HOSE AS	
I	14	3	**277-6402**	1	HOSE AS	
I	15	3	**295-2568**	2	HOSE AS	
	16	3	**033-8248**	4	CLIP	
	18	3	*148-8328*	1	CONNECTOR AS	
		3	**3D-2824**	1	SEAL-O-RING	
		3	**6V-8398**	1	SEAL-O-RING	
		3	**6V-8633**	1	CONNECTOR	
	19	2	*148-8345*	1	CONNECTOR AS	
		2	**2M-9780**	1	SEAL-O-RING	
		2	**6V-8398**	1	SEAL-O-RING	
		2	**6V-8638**	1	CONNECTOR	
	20	2	*164-7908*	1	ELBOW AS	
		2	**3J-7354**	1	SEAL-O-RING	
		2	**6V-8397**	1	SEAL-O-RING	
		2	**8T-7546**	1	ELBOW	
	21	2,3	**198-4777**	3	WASHER-HARD (11X25X10-MM THK)	
	22	2,3	**1S-0994**	2	CLIP (LOOP)	
	23	2	*203-2059*	1	CONNECTOR AS	
		2	**6V-8397**	1	SEAL-O-RING	
		2	**8C-6869**	1	CONNECTOR	
C	25	2	**4D-7388**	2	CLIP	
	26	2	**4D-9517**	2	CLIP	
	27	1	**4J-5477**	2	SEAL-O-RING	
	28	3	**5P-7468**	1	CLIP (SLOT)	
	29	3	**5P-7469**	1	CLIP (TAB)	
	30	1	**5P-9299**	2	CLIP (LOOP)	
	31	1	**6V-3265**	6	CLIP	
	32	1,2,3	**6V-8397**	6	SEAL-O-RING	
	33	2	**7M-8485**	1	SEAL-O-RING	
	34	3	**7X-0589**	1	WASHER-HARD (12X28.5X5-MM THK)	
	35	3	**7X-0590**	4	WASHER-HARD (13.5X44.5X6-MM THK)	
	36	3	**8M-2770**	2	CLIP (LOOP)	
	37	1,2,3	**8T-4121**	20	WASHER-HARD (11X21X2.5-MM THK)	
M	38	2,3	**8T-4133**	5	NUT (M10X1.5-THD)	
M	39	2	**8T-4136**	4	BOLT (M10X1.5X25-MM)	

234-4989 **TANK GP-RADIATOR TOP (**contd.**)** **i03092250**

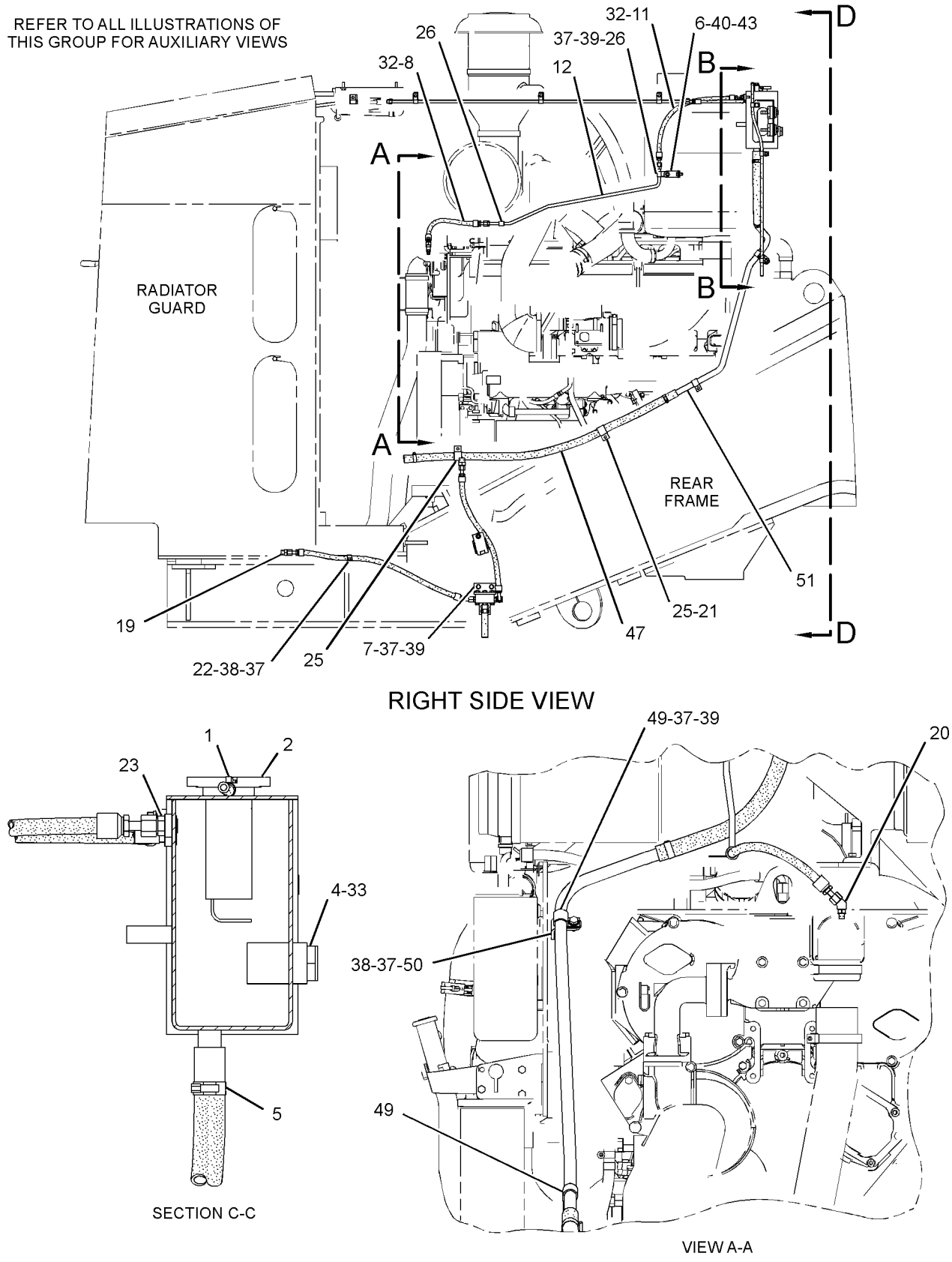
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	40	1,2,3	**8T-4137**	9	BOLT (M10X1.5X20-MM)	
M	41	3	**8T-4195**	2	BOLT (M10X1.5X30-MM)	
M	42	3	**8T-4196**	1	BOLT (M10X1.5X35-MM)	
	43	2	**8T-4222**	1	WASHER-PLATED (11X32X2.5-MM THK)	
M	44	3	**8T-4648**	4	BOLT (M12X1.75X70-MM)	
	45	3	**8T-9518**	1	GROMMET (24-MM ID)	
E	46	3	**7Y-1976**		HOSE-WATER (126-CM)	
CE	47	2	**146-7453**		HOSE (125-CM)	
CE	47A	3	**146-7453**		HOSE (44-CM)	
	48	3	**2T-1925**	2	ELBOW	
C	49	2	**4S-1962**	2	CLIP (LOOP)	
C	50	2	**306-3060**	1	BRACKET AS	
C	51	2	**304-0455**	1	TUBE	

C - CHANGE FROM PREVIOUS TYPE
E - ORDER BY THE CENTIMETER
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART
Y - SEPARATE ILLUSTRATION



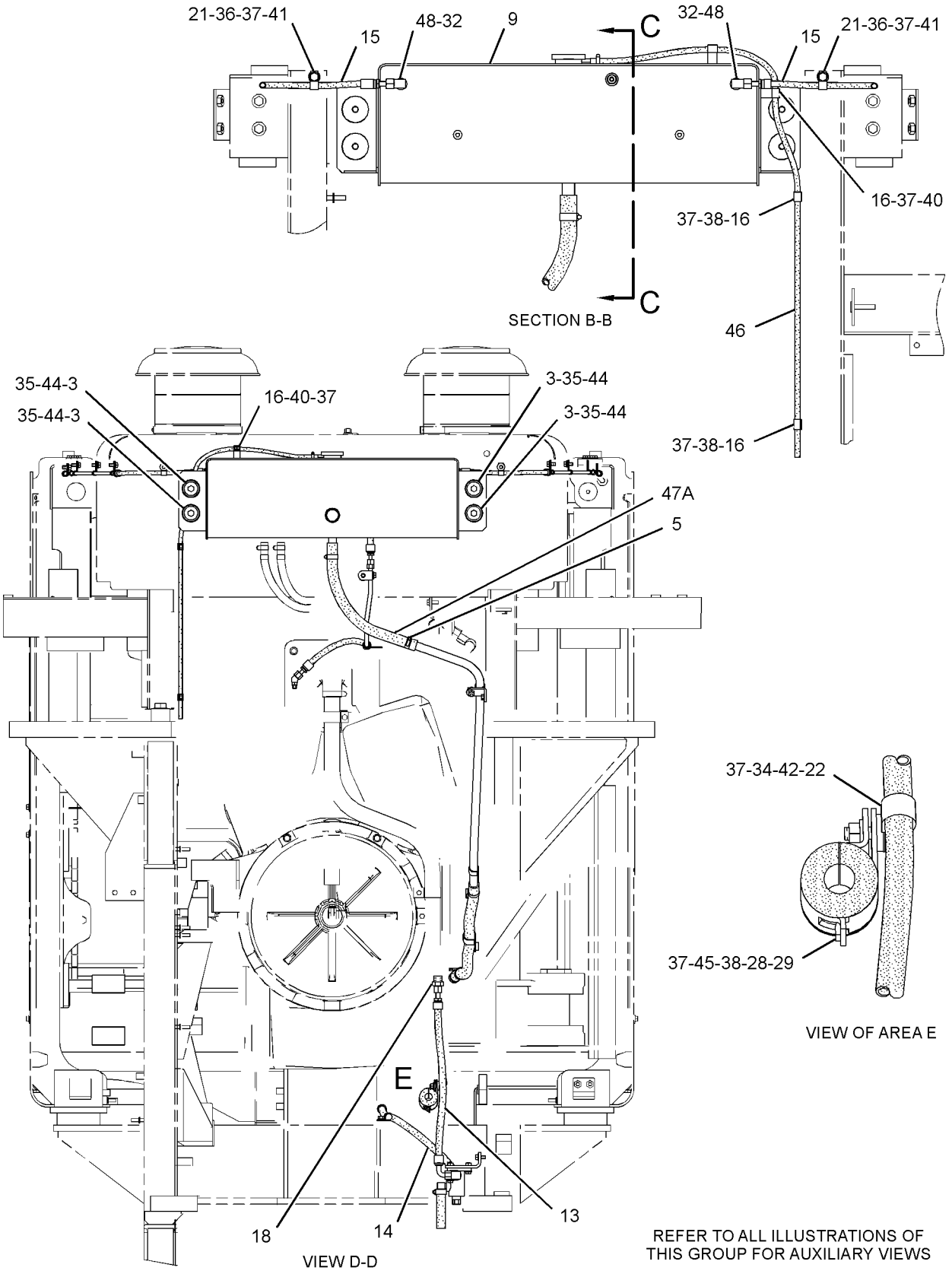
GRAPHIC #1 g01406553

234-4989 **TANK GP-RADIATOR TOP** (contd.) **i03092250**



GRAPHIC #2 g01406558

234-4989 **TANK GP-RADIATOR TOP (**contd.**)** **i03092250**



GRAPHIC #3 <END> g01409886

234-4989 TANK GP-RADIATOR TOP

S/N: BTW180-244

PART OF 230-3275 CHASSIS AR

SMCS-1377 **i03786430**

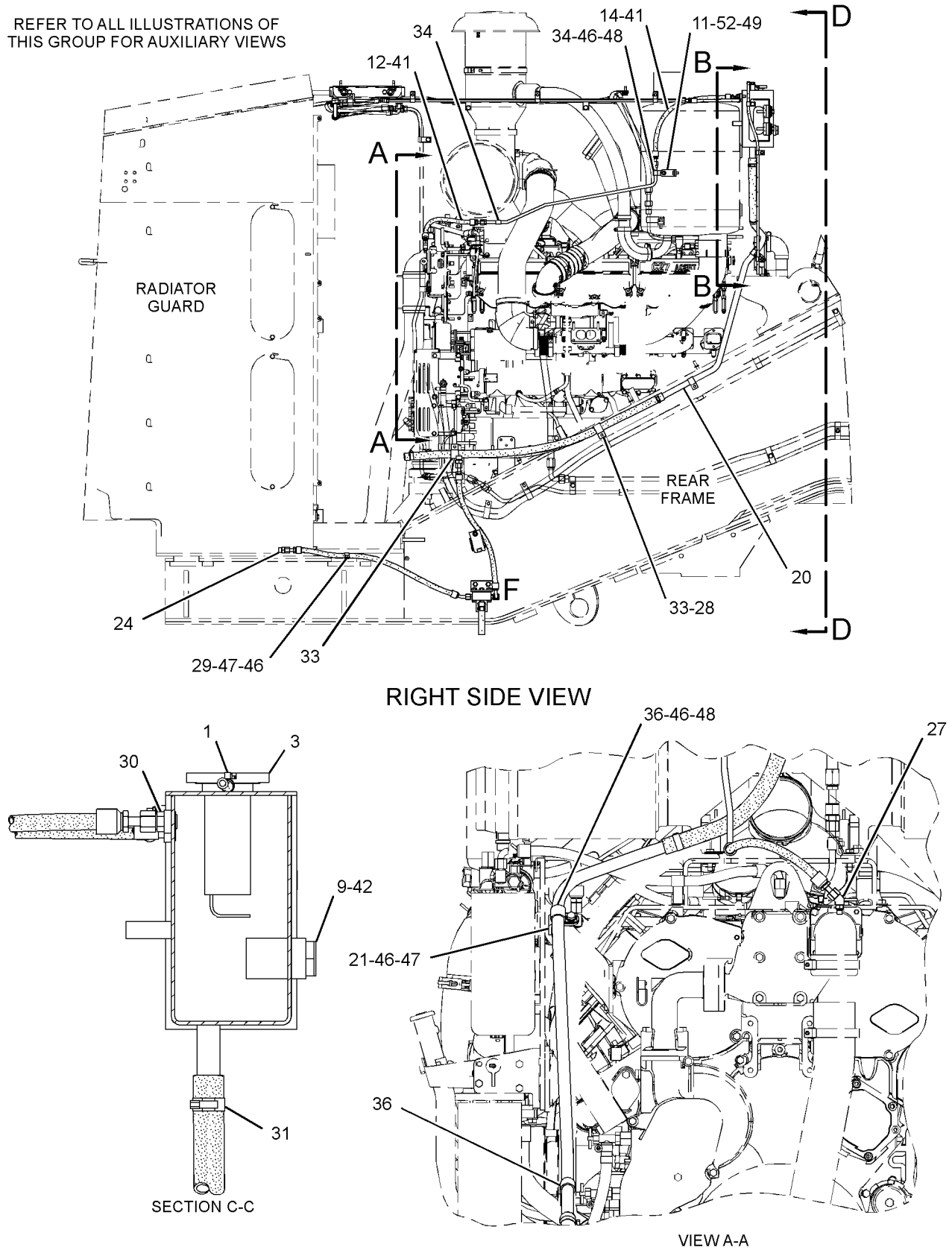
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1P-4278**	1	CLAMP-HOSE	
C	2	2	**2S-3440**	1	CLAMP-HOSE	
	3	1	**6L-8617**	1	CAP-PRESSURE (7-PSI)	
C	4	2	**6N-9590**	1	PLUG-DRAIN	
C	5	2	**6V-0675**	1	ELBOW	
C	6	2	**7E-9171**	1	ADAPTER-PLUG	
	7	2	**7T-8331**	4	MOUNT AS	
C	8	2	**8M-7066**	1	GASKET	
	9	1	**9Y-9236**	1	GAUGE-SIGHT (WATER TANK)	
C	10	2	**117-3335**	1	BRACKET AS	
	11	1	**142-3331**	1	BRACKET AS	
I	12	1	**192-9000**	1	HOSE AS	
	13	2	**194-3825**	1	TANK AS-RADIATOR TOP	
I	14	1	**195-1136**	1	HOSE AS	
	15	2	**238-2030**	1	TUBE AS	
I	16	2	**277-6400**	1	HOSE AS	
I	17	2	**277-6402**	1	HOSE AS	
I	18	2	**295-2568**	2	HOSE AS	
	19	3	**295-2569**	2	TUBE AS	
	20	1	**304-0455**	1	TUBE	
	21	1	**306-3060**	1	BRACKET AS	
	22	2	**033-8248**	4	CLIP	
	23	2	*148-8328*	1	CONNECTOR AS	
		2	**3D-2824**	1	SEAL-O-RING	
		2	**6V-8398**	1	SEAL-O-RING	
		2	**6V-8633**	1	CONNECTOR	
	24	1	*148-8345*	1	CONNECTOR AS	
		1	**2M-9780**	1	SEAL-O-RING	
		1	**6V-8398**	1	SEAL-O-RING	
		1	**6V-8638**	1	CONNECTOR	
C	25	2	*148-8365*	1	ELBOW AS	
		2	**3J-1907**	1	SEAL-O-RING	
		2	**6V-8398**	1	SEAL-O-RING	
		2	**8T-6876**	1	ELBOW	
C	26	2	*150-4043*	1	CONNECTOR AS	
		2	**3J-1907**	1	SEAL-O-RING	
		2	**6V-8398**	1	SEAL-O-RING	
		2	**6V-9873**	1	CONNECTOR	
	27	1	*164-7908*	1	ELBOW AS	
		1	**3J-7354**	1	SEAL-O-RING	
		1	**6V-8397**	1	SEAL-O-RING	
		1	**8T-7546**	1	ELBOW	
	28	1,2	**198-4777**	3	WASHER-HARD (11X25X10-MM THK)	
	29	1,2	**1S-0994**	2	CLIP (LOOP)	
	30	1	*203-2059*	1	CONNECTOR AS	
		1	**6V-8397**	1	SEAL-O-RING	
		1	**8C-6869**	1	CONNECTOR	

234-4989 **TANK GP-RADIATOR TOP (**contd.**)** **i03786430**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	31	1,3	**289-9139**	4	CLAMP-BAND	
	32	2	**2T-1925**	2	ELBOW	
	33	1	**4D-7388**	2	CLIP	
	34	1	**4D-9517**	2	CLIP	
	35	3	**4J-5477**	2	SEAL-O-RING	
	36	1	**4S-1962**	2	CLIP (LOOP)	
	37	2	**5P-7468**	1	CLIP (SLOT)	
	38	2	**5P-7469**	1	CLIP (TAB)	
	39	3	**5P-9299**	2	CLIP (LOOP)	
	40	3	**6V-3265**	6	CLIP	
	41	1,2,3	**6V-8397**	6	SEAL-O-RING	
	42	1	**7M-8485**	1	SEAL-O-RING	
	43	2	**7X-0589**	1	WASHER-HARD (12X28.5X5-MM THK)	
	44	2	**7X-0590**	4	WASHER-HARD (13.5X44.5X6-MM THK)	
	45	2	**8M-2770**	2	CLIP (LOOP)	
C	46	1,2,3	**8T-4121**	23	WASHER-HARD (11X21X2.5-MM THK)	
M	47	1,2	**8T-4133**	5	NUT (M10X1.5-THD)	
M	48	1,2	**8T-4136**	4	BOLT (M10X1.5X25-MM)	
M	49	1,2,3	**8T-4137**	9	BOLT (M10X1.5X20-MM)	
CM	50	2	**8T-4195**	3	BOLT (M10X1.5X30-MM)	
M	51	2	**8T-4196**	1	BOLT (M10X1.5X35-MM)	
	52	1	**8T-4222**	1	WASHER-PLATED (11X32X2.5-MM THK)	
M	53	2	**8T-4648**	4	BOLT (M12X1.75X70-MM)	
CM	54	2	**8T-6466**	2	BOLT (M10X1.5X60-MM)	
	55	2	**8T-9518**	1	GROMMET (24-MM ID)	
CE	56	2	**122-6872**		HOSE-HYDRAULIC (13-CM)	
E	57	2	**7Y-1976**		HOSE-WATER (126-CM)	
E	58	2	**146-7453**		HOSE (125-CM)	
E	58A	2	**146-7453**		HOSE (44-CM)	

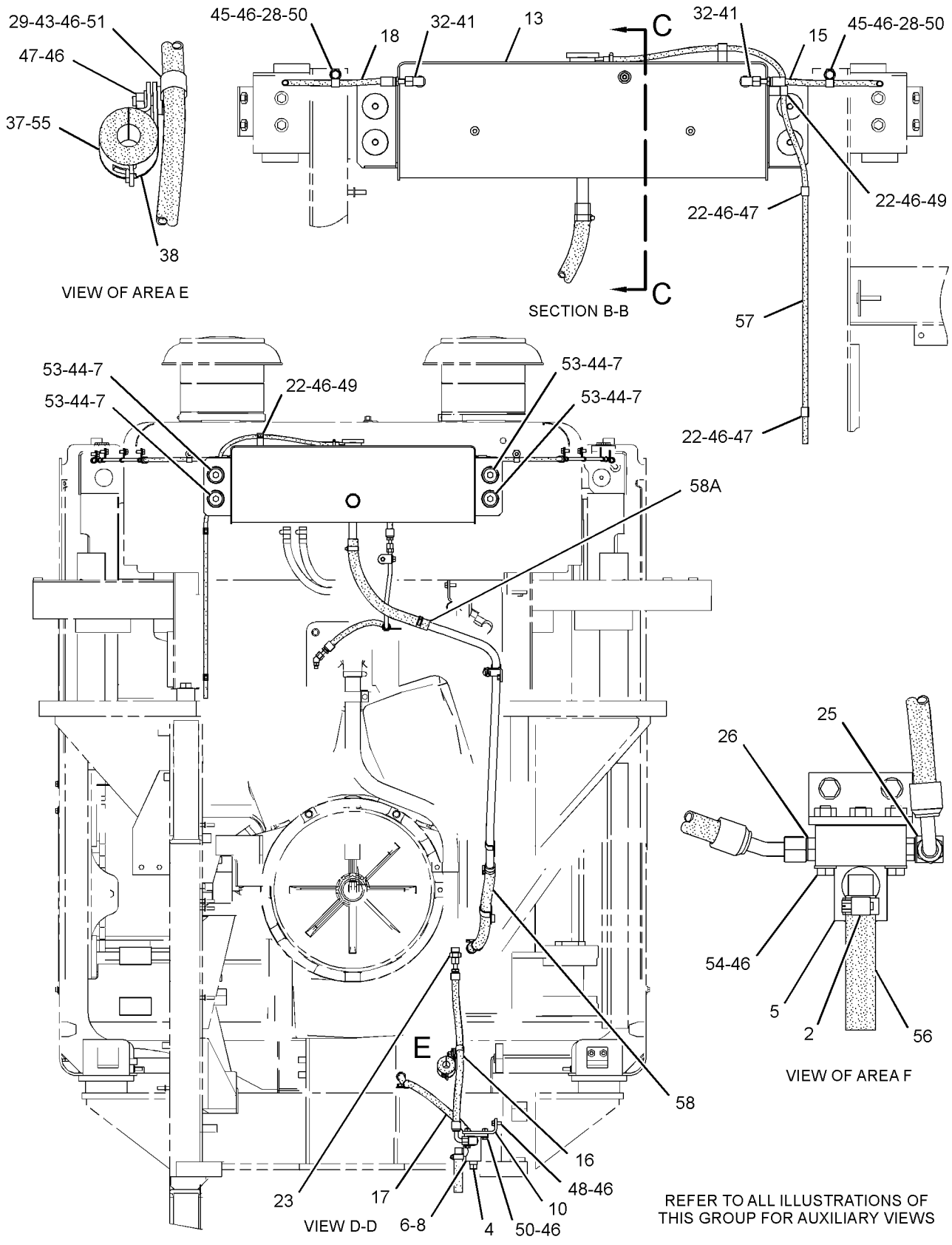
C - CHANGE FROM PREVIOUS TYPE
E - ORDER BY THE CENTIMETER
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART

234-4989 **TANK GP-RADIATOR TOP** (contd.) **i03786430**



GRAPHIC #1 g02182053

234-4989 **TANK GP-RADIATOR TOP (**contd.**)** **i03786430**

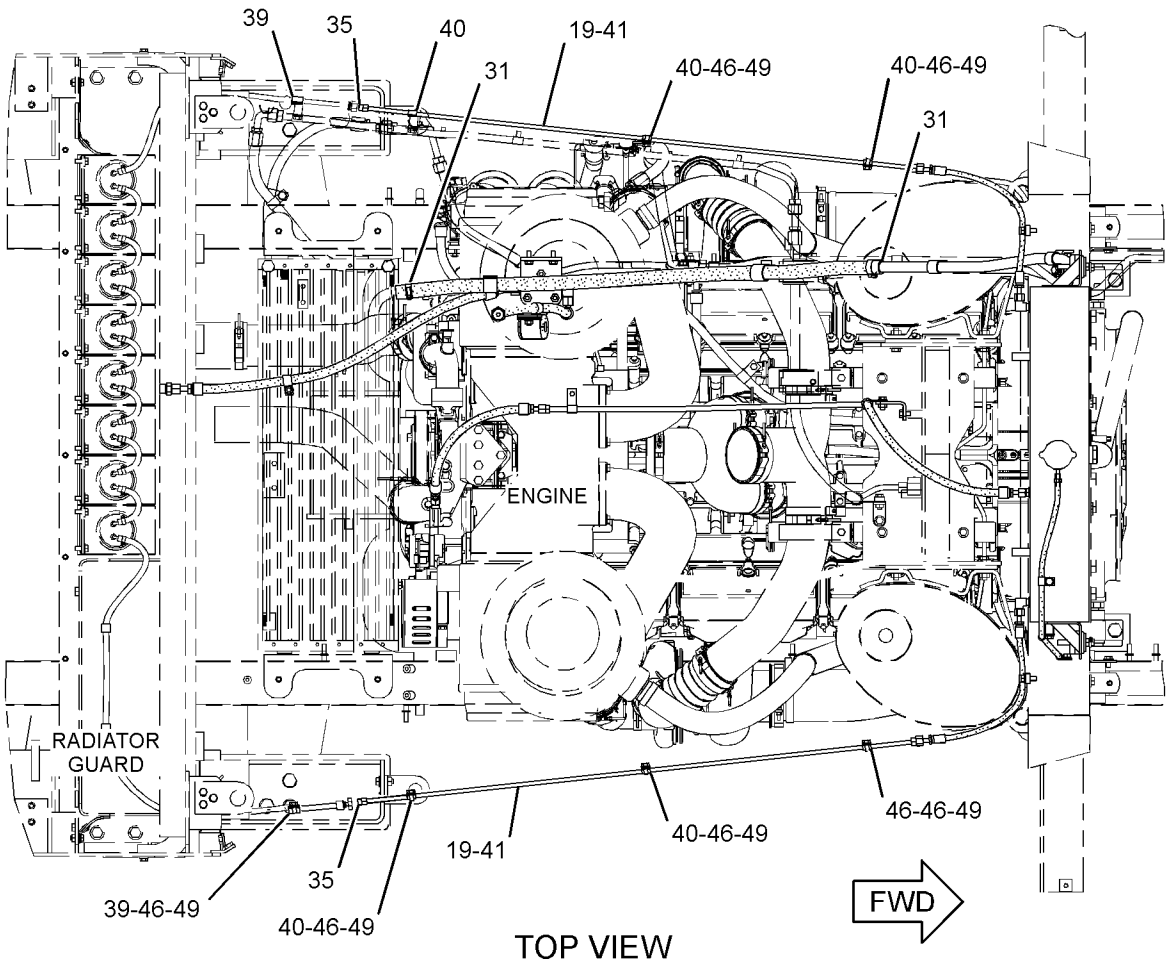


REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

GRAPHIC #2

g02182419

234-4989 **TANK GP-RADIATOR TOP** (contd.) **i03786430**



TOP VIEW

GRAPHIC #3 <END> g02181494

234-4989 TANK GP-RADIATOR TOP

S/N: BTW245-255

PART OF 230-3275 CHASSIS AR

SMCS-1377 **i05167728**

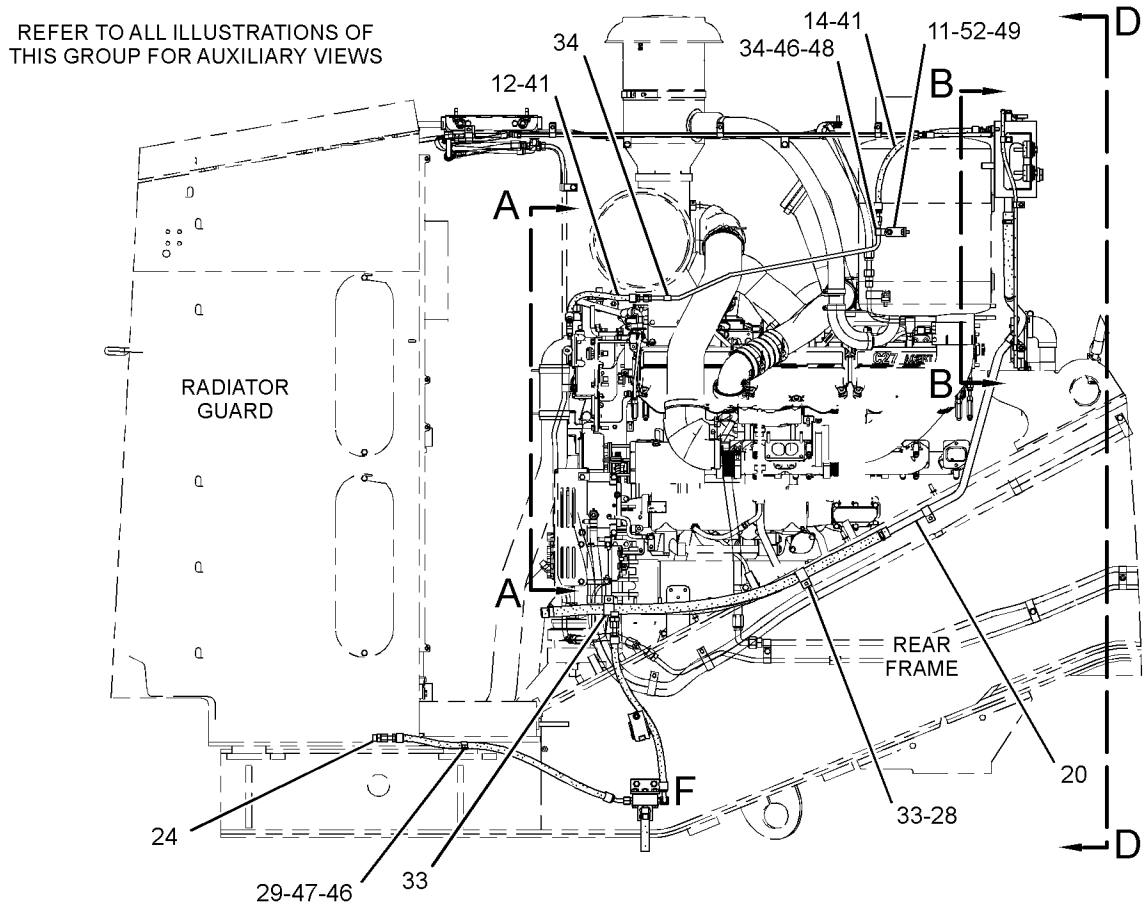
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1P-4278**	1	CLAMP-HOSE	
	2	2	**2S-3440**	1	CLAMP-HOSE	
	3	1	**6L-8617**	1	CAP-PRESSURE (7-PSI)	
	4	2	**6N-9590**	1	PLUG-DRAIN	
	5	2	**6V-0675**	1	ELBOW	
	6	2	**7E-9171**	1	ADAPTER-PLUG	
	7	2	**7T-8331**	4	MOUNT AS	
	8	2	**8M-7066**	1	GASKET	
	9	1	**9Y-9236**	1	GAUGE-SIGHT (WATER TANK)	
	10	2	**117-3335**	1	BRACKET AS	
	11	1	**142-3331**	1	BRACKET AS	
CI	12	1	**393-1991**	1	HOSE AS	
	13	2	**194-3825**	1	TANK AS-RADIATOR TOP	
CI	14	1	**393-1992**	1	HOSE AS	
	15	2	**238-2030**	1	TUBE AS	
I	17	2	**277-6402**	1	HOSE AS	
I	18	2	**295-2568**	2	HOSE AS	
	19	3	**295-2569**	2	TUBE AS	
	20	1	**304-0455**	1	TUBE	
	21	1	**306-3060**	1	BRACKET AS	
	22	2	**033-8248**	4	CLIP	
C	23	2	*392-0802*	1	CONNECTOR AS	
		2	**6V-5063**	1	SEAL-O-RING	
		2	**180-8424**	1	SEAL-O-RING	
		2	**6V-8633**	1	CONNECTOR	
C	24	1	*392-0803*	1	CONNECTOR AS	
		1	**6V-3251**	1	SEAL-O-RING	
		1	**180-8424**	1	SEAL-O-RING	
		1	**6V-8638**	1	CONNECTOR	
C	25	2	*366-4676*	1	CONNECTOR AS	
		2	**6V-3250**	1	SEAL-O-RING	
		2	**6V-9873**	1	CONNECTOR	
		2	**180-8424**	1	SEAL-O-RING	
C	26	2	*366-4669*	1	ELBOW AS	
		2	**6V-3250**	1	SEAL-O-RING	
		2	**180-8424**	1	SEAL-O-RING	
		2	**8T-6876**	1	ELBOW	
C	27	1	*371-7175*	1	ELBOW AS	
		1	**6D-7128**	1	SEAL-O-RING	
		1	**6V-9027**	1	SEAL-O-RING	
		1	**8T-7546**	1	ELBOW	
	28	1,2	**198-4777**	3	WASHER-HARD (11X25X10-MM THK)	
	29	1,2	**1S-0994**	2	CLIP (LOOP)	
C	30	1	*371-7180*	1	CONNECTOR AS	
		1	**6D-7128**	1	SEAL-O-RING	
		1	**8C-6869**	1	CONNECTOR	
C	31	1,3	**7X-7958**	4	CLAMP-HOSE	
C	32	2	**392-0801**	2	ELBOW AS	

234-4989 **TANK GP-RADIATOR TOP (**contd.**)** **i05167728**

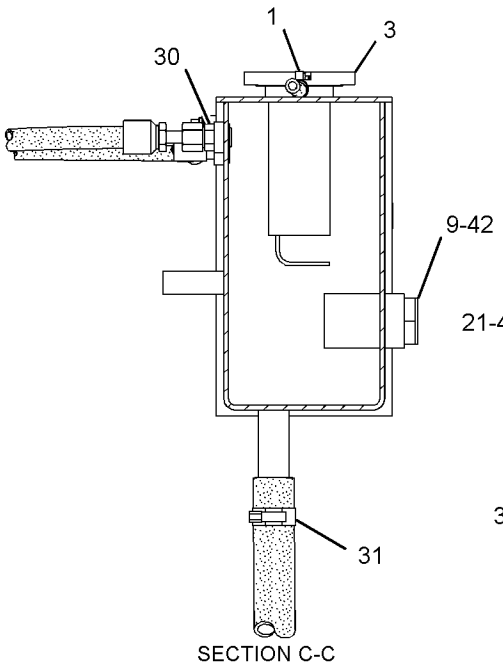
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
					(EACH INCLUDES)	
		2	**2T-1925**	1	ELBOW	
		2	**6D-7128**	1	SEAL-O-RING	
	33	1	**4D-7388**	2	CLIP	
	34	1	**4D-9517**	2	CLIP	
C	35	3	**121-4345**	2	SEAL-O-RING	
	36	1	**4S-1962**	2	CLIP (LOOP)	
	37	2	**5P-7468**	1	CLIP (SLOT)	
	38	2	**5P-7469**	1	CLIP (TAB)	
	39	3	**5P-9299**	2	CLIP (LOOP)	
	40	3	**6V-3265**	6	CLIP	
C	41	1,3	**6D-7128**	4	SEAL-O-RING	
C	42	1	**6V-5064**	1	SEAL-O-RING	
	43	2	**7X-0589**	1	WASHER-HARD (12X28.5X5-MM THK)	
	44	2	**7X-0590**	4	WASHER-HARD (13.5X44.5X6-MM THK)	
	45	2	**8M-2770**	2	CLIP (LOOP)	
	46	1,2,3	**8T-4121**	23	WASHER-HARD (11X21X2.5-MM THK)	
M	47	1,2	**8T-4133**	5	NUT (M10X1.5-THD)	
M	48	1,2	**8T-4136**	4	BOLT (M10X1.5X25-MM)	
M	49	1,2,3	**8T-4137**	9	BOLT (M10X1.5X20-MM)	
M	50	2	**8T-4195**	3	BOLT (M10X1.5X30-MM)	
M	51	2	**8T-4196**	1	BOLT (M10X1.5X35-MM)	
	52	1	**8T-4222**	1	WASHER-PLATED (11X32X2.5-MM THK)	
M	53	2	**8T-4648**	4	BOLT (M12X1.75X70-MM)	
M	54	2	**8T-6466**	2	BOLT (M10X1.5X60-MM)	
	55	2	**8T-9518**	1	GROMMET (24-MM ID)	
CG	56	2	**166-6141**		HOSE (5.2-IN)	
E	57	2	**7Y-1976**		HOSE-WATER (126-CM)	
CE	58	2	**349-6239**		HOSE (124-CM)	
CE	58A	2	**349-6239**		HOSE (44-CM)	
CI	59	2	**367-5811**	1	HOSE AS	

C - CHANGE FROM PREVIOUS TYPE
E - ORDER BY THE CENTIMETER
G - ORDER BY THE INCH
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART

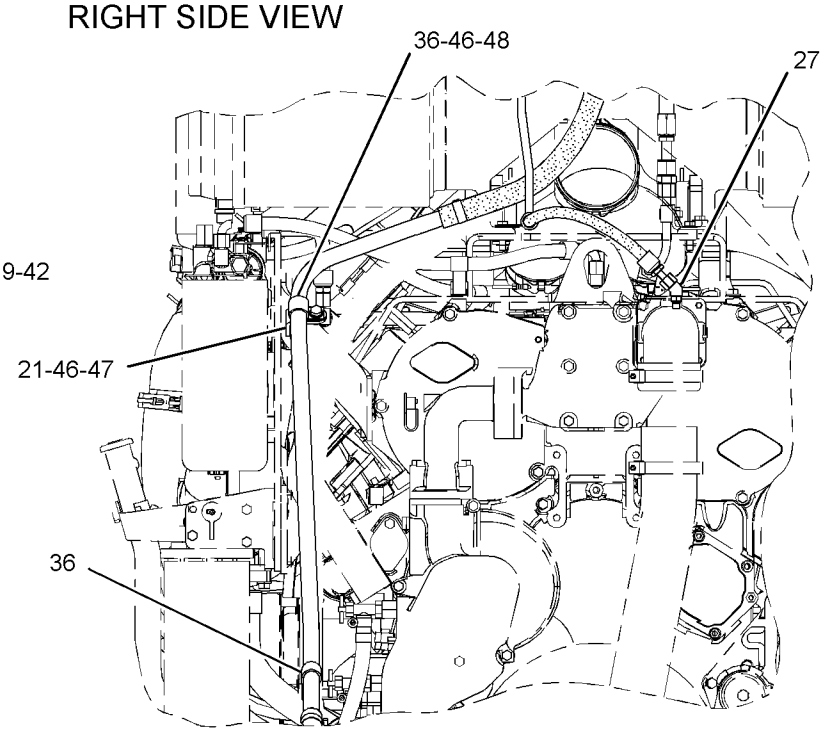
234-4989 **TANK GP-RADIATOR TOP (**contd.**)** **i05167728**



RIGHT SIDE VIEW



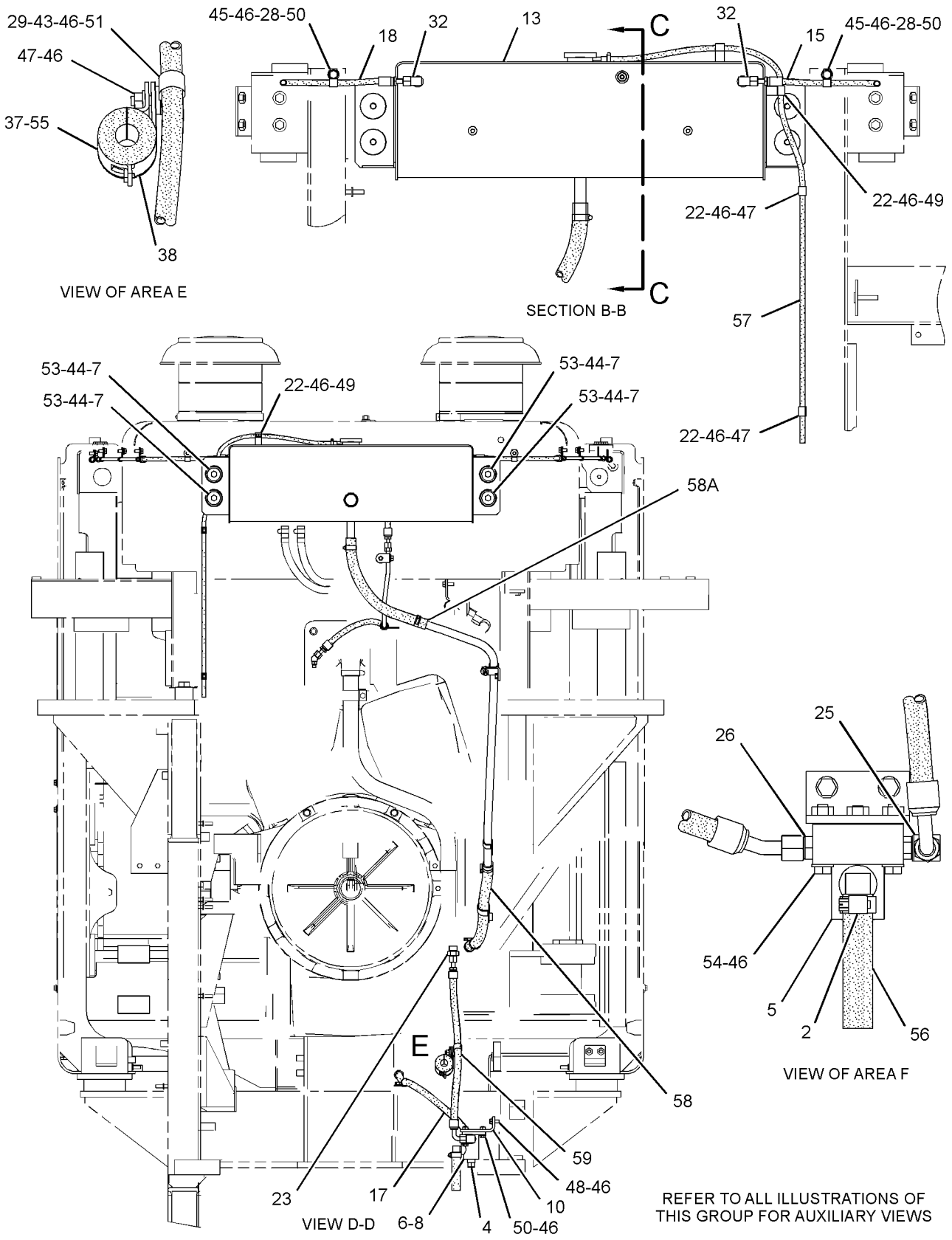
SECTION C-C



VIEW A-A

GRAPHIC #1 g02182053

234-4989 **TANK GP-RADIATOR TOP** (contd.) **i05167728**

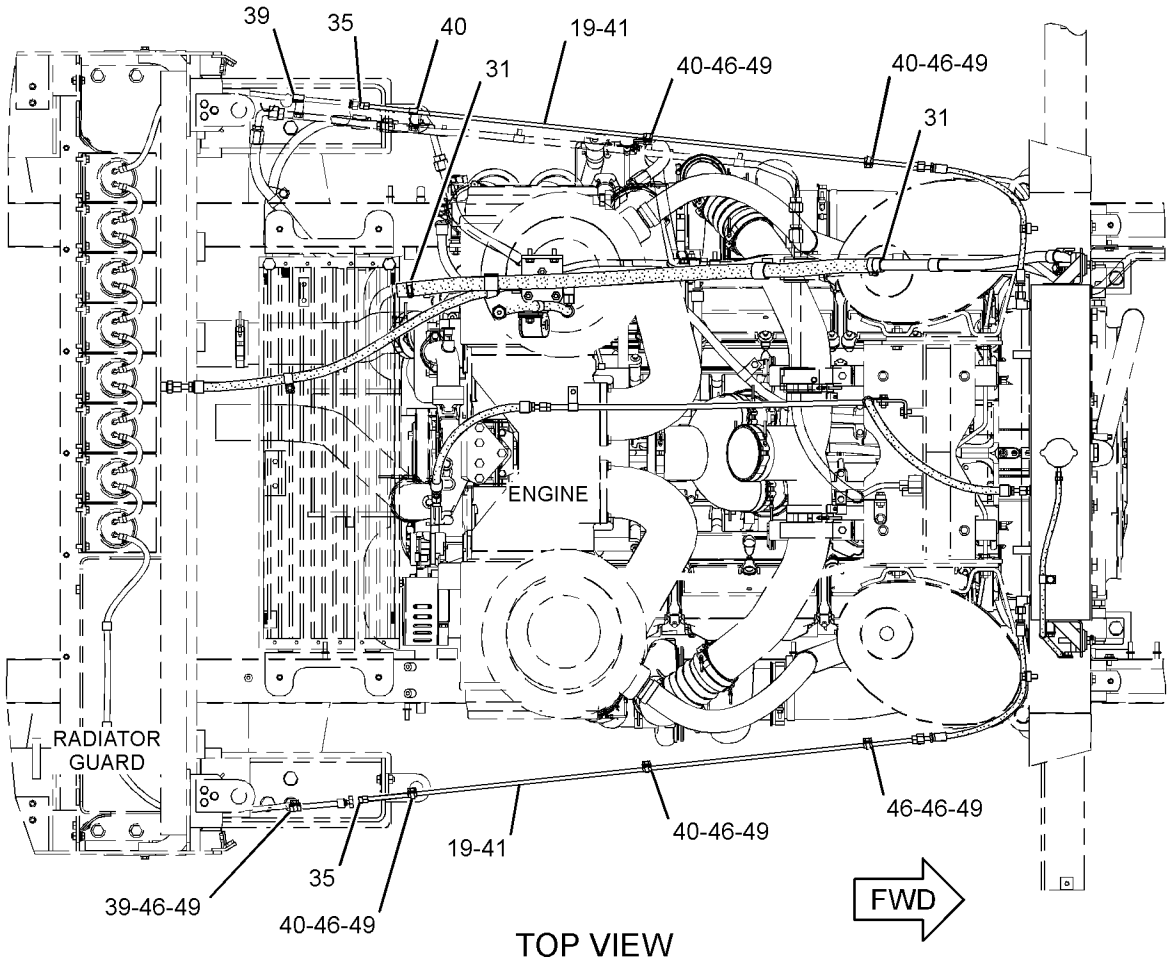


REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

GRAPHIC #2

g03332882

234-4989 **TANK GP-RADIATOR TOP (**contd.**)** **i05167728**



TOP VIEW

GRAPHIC #3 <END> g02181494

234-4989 TANK GP-RADIATOR TOP

S/N: BTW256-UP

PART OF 230-3275 CHASSIS AR

SMCS-1377 **i05296288**

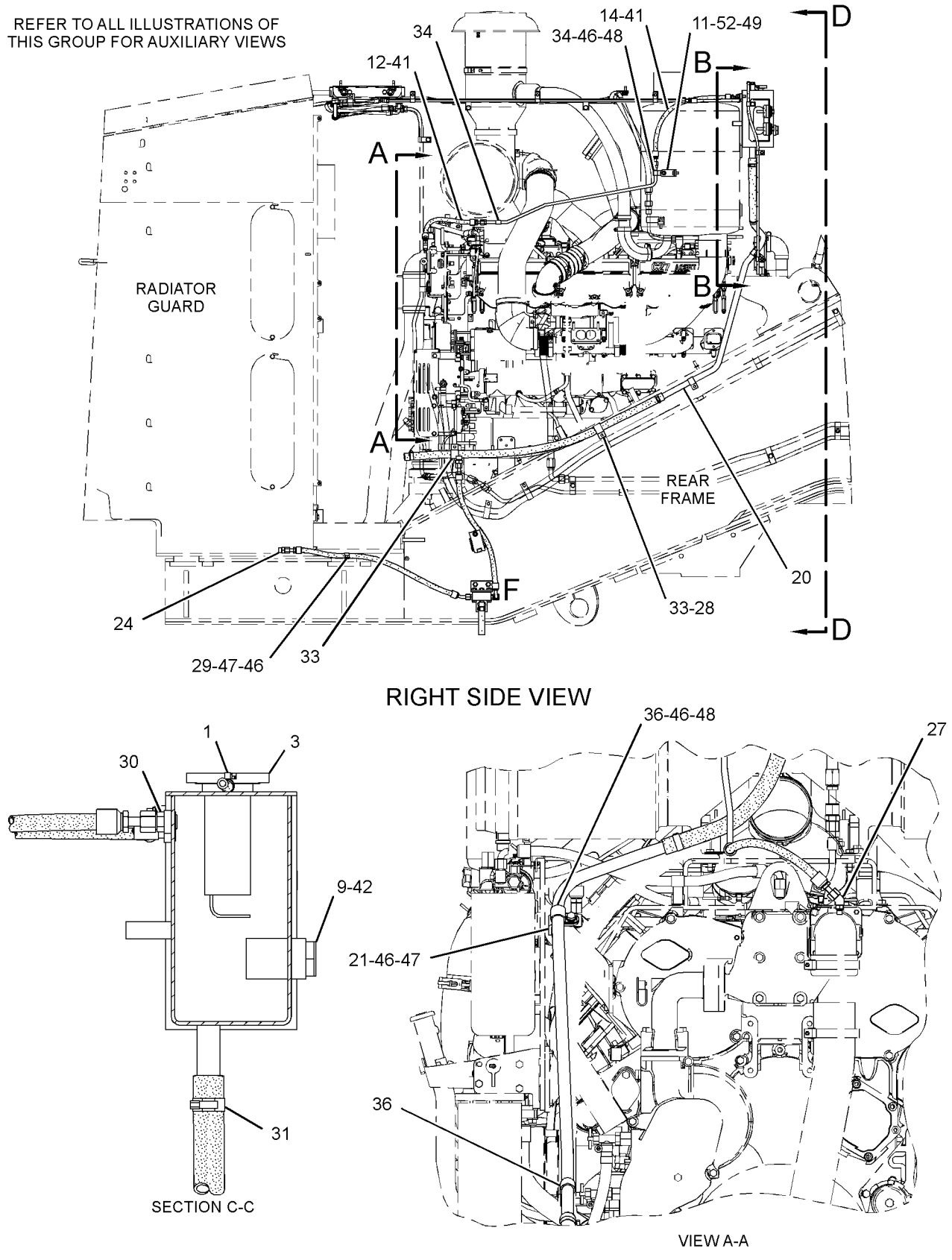
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1P-4278**	1	CLAMP-HOSE	
	2	2	**2S-3440**	1	CLAMP-HOSE	
	3	1	**6L-8617**	1	CAP-PRESSURE (7-PSI)	
	4	2	**6N-9590**	1	PLUG-DRAIN	
	5	2	**6V-0675**	1	ELBOW	
	6	2	**7E-9171**	1	ADAPTER-PLUG	
	7	2	**7T-8331**	4	MOUNT AS	
	8	2	**8M-7066**	1	GASKET	
	9	1	**9Y-9236**	1	GAUGE-SIGHT (WATER TANK)	
	10	2	**117-3335**	1	BRACKET AS	
	11	1	**142-3331**	1	BRACKET AS	
I	12	1	**393-1991**	1	HOSE AS	
	13	2	**194-3825**	1	TANK AS-RADIATOR TOP	
I	14	1	**393-1992**	1	HOSE AS	
	15	2	**238-2030**	1	TUBE AS	
I	17	2	**277-6402**	1	HOSE AS	
I	18	2	**295-2568**	2	HOSE AS	
	19	3	**295-2569**	2	TUBE AS	
	20	1	**304-0455**	1	TUBE	
	21	1	**306-3060**	1	BRACKET AS	
	22	2	**033-8248**	4	CLIP	
	23	2	*392-0802*	1	CONNECTOR AS	
		2	**6V-5063**	1	SEAL-O-RING	
		2	**180-8424**	1	SEAL-O-RING	
		2	**6V-8633**	1	CONNECTOR	
	24	1	*392-0803*	1	CONNECTOR AS	
		1	**6V-3251**	1	SEAL-O-RING	
		1	**180-8424**	1	SEAL-O-RING	
		1	**6V-8638**	1	CONNECTOR	
	25	2	*366-4676*	1	CONNECTOR AS	
		2	**6V-3250**	1	SEAL-O-RING	
		2	**6V-9873**	1	CONNECTOR	
		2	**180-8424**	1	SEAL-O-RING	
	26	2	*366-4669*	1	ELBOW AS	
		2	**6V-3250**	1	SEAL-O-RING	
		2	**180-8424**	1	SEAL-O-RING	
		2	**8T-6876**	1	ELBOW	
	27	1	*371-7175*	1	ELBOW AS	
		1	**6D-7128**	1	SEAL-O-RING	
		1	**6V-9027**	1	SEAL-O-RING	
		1	**8T-7546**	1	ELBOW	
	28	1,2	**198-4777**	3	WASHER-HARD (11X25X10-MM THK)	
	29	1,2	**1S-0994**	2	CLIP (LOOP)	
	30	1	*371-7180*	1	CONNECTOR AS	
		1	**6D-7128**	1	SEAL-O-RING	
		1	**8C-6869**	1	CONNECTOR	
	31	1,3	**7X-7958**	4	CLAMP-HOSE	

234-4989 **TANK GP-RADIATOR TOP (**contd.**)** **i05296288**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	32	2	**392-0801**	2	ELBOW AS	
					(EACH INCLUDES)	
		2	**2T-1925**	1	ELBOW	
		2	**6D-7128**	1	SEAL-O-RING	
	33	1	**4D-7388**	2	CLIP	
	34	1	**4D-9517**	2	CLIP	
	35	3	**121-4345**	2	SEAL-O-RING	
	36	1	**4S-1962**	2	CLIP (LOOP)	
	37	2	**5P-7468**	1	CLIP (SLOT)	
	38	2	**5P-7469**	1	CLIP (TAB)	
	39	3	**5P-9299**	2	CLIP (LOOP)	
	40	3	**6V-3265**	6	CLIP	
	41	1,3	**6D-7128**	4	SEAL-O-RING	
	42	1	**6V-5064**	1	SEAL-O-RING	
	43	2	**7X-0589**	1	WASHER-HARD (12X28.5X5-MM THK)	
	44	2	**7X-0590**	4	WASHER-HARD (13.5X44.5X6-MM THK)	
	45	2	**8M-2770**	2	CLIP (LOOP)	
	46	1,2,3	**8T-4121**	23	WASHER-HARD (11X21X2.5-MM THK)	
M	47	1,2	**8T-4133**	5	NUT (M10X1.5-THD)	
M	48	1,2	**8T-4136**	4	BOLT (M10X1.5X25-MM)	
M	49	1,2,3	**8T-4137**	9	BOLT (M10X1.5X20-MM)	
M	50	2	**8T-4195**	3	BOLT (M10X1.5X30-MM)	
M	51	2	**8T-4196**	1	BOLT (M10X1.5X35-MM)	
	52	1	**8T-4222**	1	WASHER-PLATED (11X32X2.5-MM THK)	
M	53	2	**8T-4648**	4	BOLT (M12X1.75X70-MM)	
M	54	2	**8T-6466**	2	BOLT (M10X1.5X60-MM)	
	55	2	**8T-9518**	1	GROMMET (24-MM ID)	
CE	56	2	**5P-0765**		HOSE (13-CM)	
E	57	2	**7Y-1976**		HOSE-WATER (126-CM)	
E	58	2	**349-6239**		HOSE (124-CM)	
E	58A	2	**349-6239**		HOSE (44-CM)	
I	59	2	**367-5811**	1	HOSE AS	

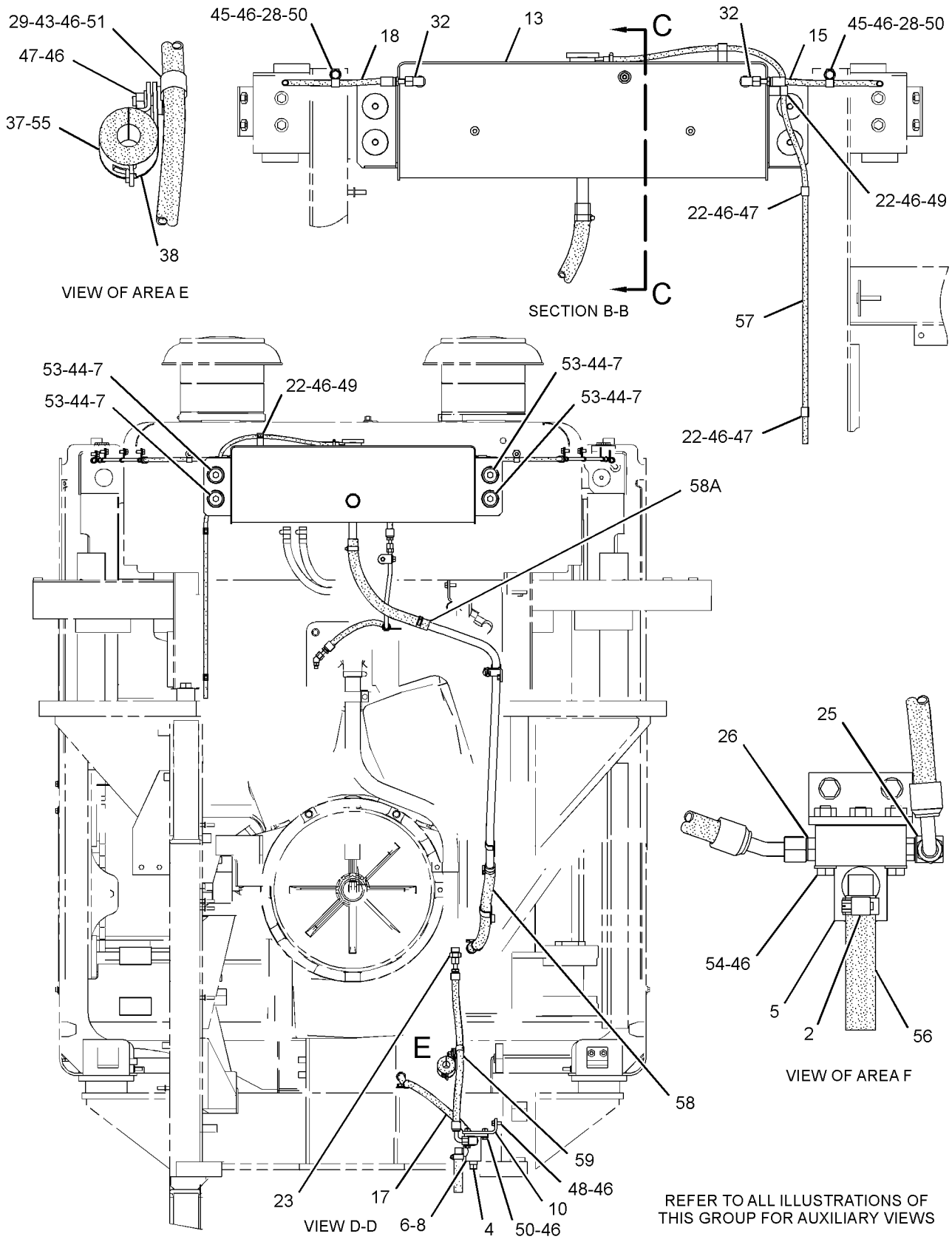
C - CHANGE FROM PREVIOUS TYPE
E - ORDER BY THE CENTIMETER
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART

234-4989 **TANK GP-RADIATOR TOP** (contd.) **i05296288**



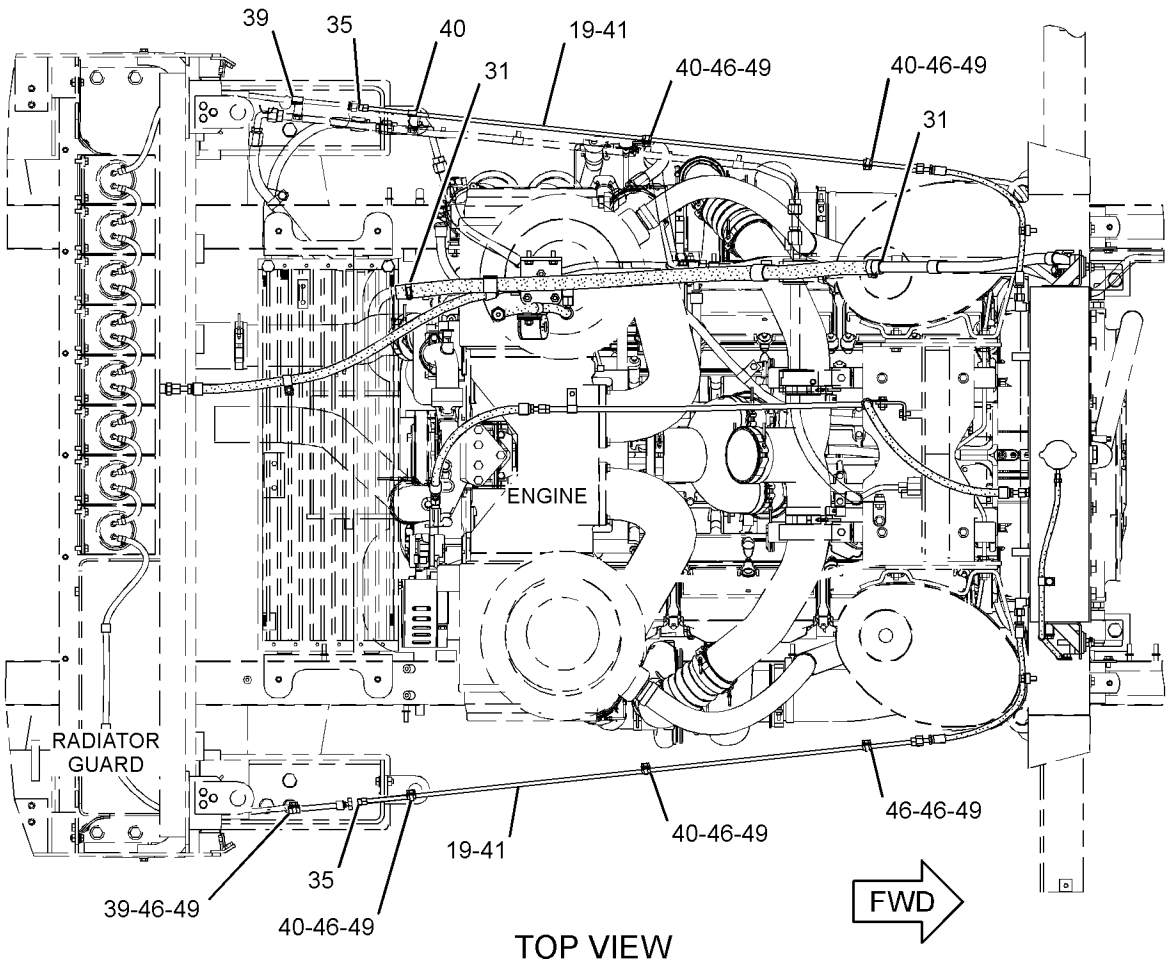
GRAPHIC #1 g02182053

234-4989 **TANK GP-RADIATOR TOP (**contd.**)** **i05296288**



GRAPHIC #2 g03332882

234-4989 **TANK GP-RADIATOR TOP** (contd.) **i05296288**



TOP VIEW

GRAPHIC #3 <END> g02181494

192-7430 VALVE GP-RADIATOR DRAIN

S/N: BTW1-UP

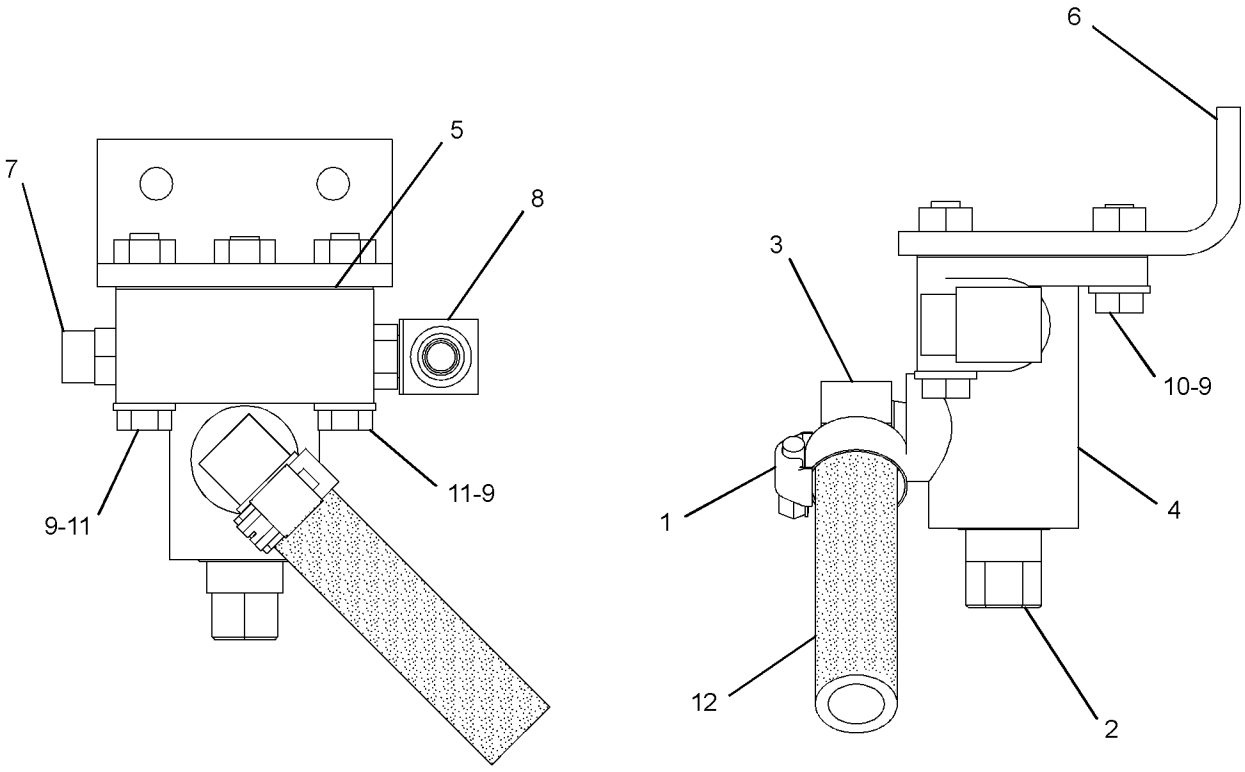
PART OF 234-4989 TANK GP-RADIATOR TOP

SMCS-1353 **i02427639**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**2S-3440**	1	CLAMP-HOSE	
	2	1	**6N-9590**	1	PLUG-DRAIN (RADIATOR)	
	3	1	**6V-0675**	1	ELBOW	
	4	1	**7E-9171**	1	ADAPTER-PLUG	
	5	1	**8M-7066**	1	GASKET	
	6	1	**117-3335**	1	BRACKET AS	
	7	1	*150-4043*	1	CONNECTOR AS	
		1	**3J-1907**	1	SEAL-O-RING (11.89MM ID)	
		1	**6V-8398**	1	SEAL-O-RING (16.03MM OD)	
		1	**6V-9873**	1	CONNECTOR	
	8	1	*148-8365*	1	ELBOW AS	
		1	**3J-1907**	1	SEAL-O-RING (11.89MM ID)	
		1	**6V-8398**	1	SEAL-O-RING (16.03MM OD)	
		1	**8T-6876**	1	ELBOW	
	9	1	**8T-4121**	3	WASHER-HARD (11X21X2.5-MM THK)	
M	10	1	**8T-4195**	1	BOLT (M10X1.5X30-MM)	
M	11	1	**8T-6466**	2	BOLT (M10X1.5X60-MM)	
G	12	1	**122-6872**		HOSE-HYDRAULIC (5.84-IN)	

G - ORDER BY THE INCH
M - METRIC PART

192-7430 **VALVE GP-RADIATOR DRAIN (**contd.**)** **i02427639**



GRAPHIC #1 <END> g01213270

191-4617 AFTERCOOLER GP-AIR

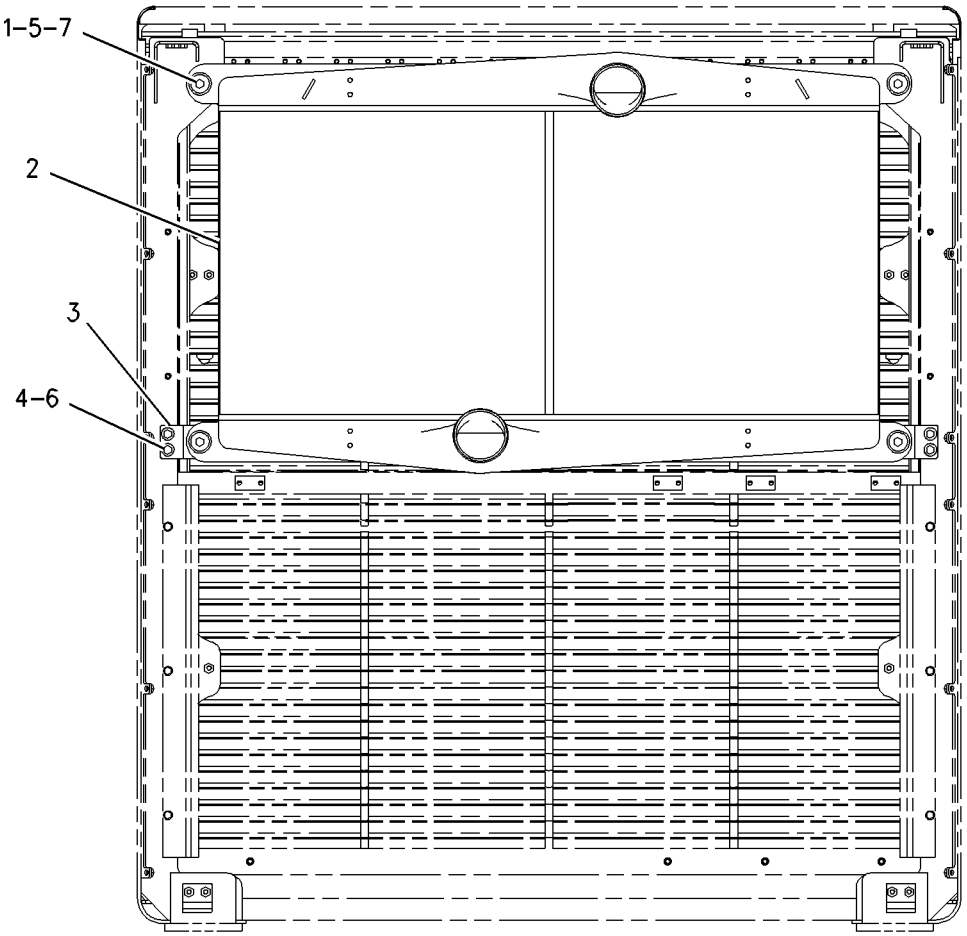
S/N: BTW1-UP

PART OF 276-2543 RADIATOR AR

SMCS-1063 **i04146472**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7T-8331**	4	MOUNT AS	
	2	1	**191-4618**	1	CORE AS-AFTERCOOLER	
	3	1	**193-0710**	2	BRACKET AS	
M		1	**8T-3597**	1	NUT-WELD (M12X1.75-THD)	
	4	1	**5P-1076**	4	WASHER-HARD (13.5X30X4-MM THK)	
	5	1	**7X-0590**	4	WASHER-HARD (13.5X44.5X6-MM THK)	
M	6	1	**8T-4192**	4	BOLT (M12X1.75X25-MM)	
M	7	1	**8T-4910**	4	BOLT (M12X1.75X60-MM)	

M - METRIC PART



REAR VIEW

GRAPHIC #1 <END> g00767803

217-5700 AIR CLEANER GP

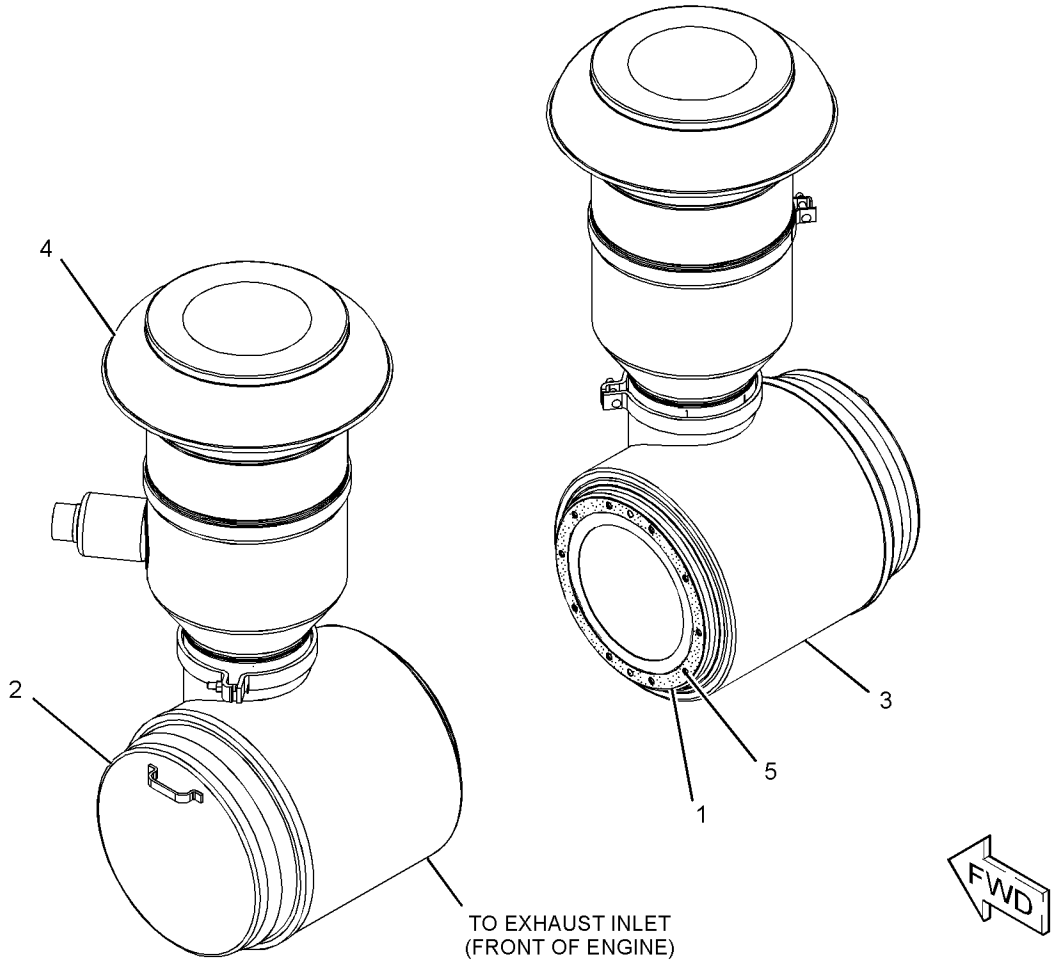
S/N: BTW1-UP

PART OF 217-5671 INSTALLATION AR-ENGINE

SMCS-1051, 1054 **i02427080**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1P-9390**	2	GASKET-OUTLET	
Y	2	1	**275-2251**	1	AIR CLEANER GP (LH)	225
Y	3	1	**275-2252**	1	AIR CLEANER GP (RH)	226
	4	1	**213-6353**	2	PRECLEANER AS	
					(EACH INCLUDES)	
		1	**0S-1591**	2	BOLT (3/8-16X1.5-IN)	
		1	**1P-1671**	1	HOOD AS	
		1	**6V-8801**	2	NUT (3/8-16-THD)	
M	5	1	**6V-7744**	20	LOCKNUT (M10X1.5-THD)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g01214798

275-2251 AIR CLEANER GP–LH

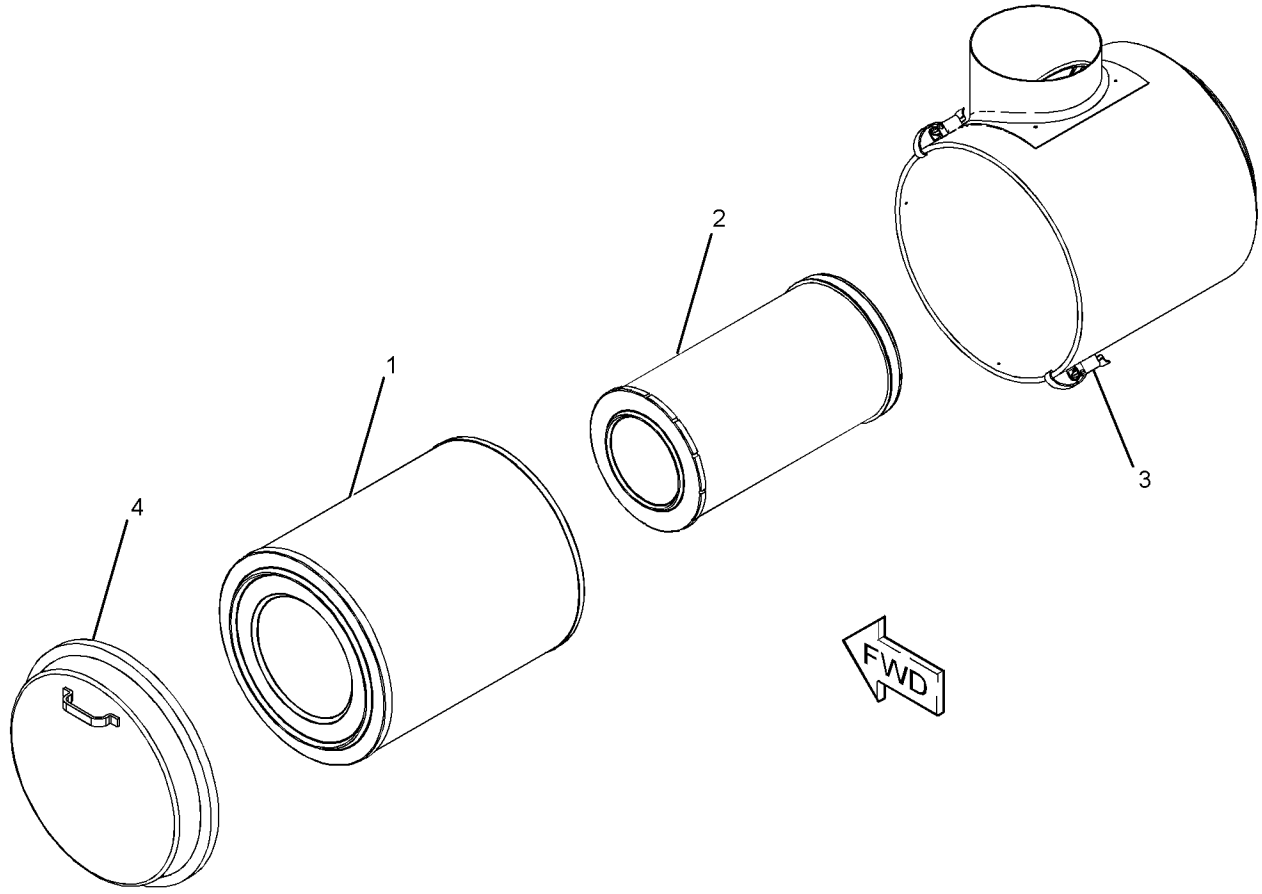
S/N: BTW1-UP

PART OF 217-5700 AIR CLEANER GP

SMCS-1051, 1054

i02424177

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6I-2505**	1	FILTER ELEMENT AS-AIR (PRIMARY)	
	2	1	**6I-2506**	1	FILTER ELEMENT AS-AIR (SECONDARY)	
	3	1	**8N-4617**	2	KIT-AIR CLEANER CLAMP	
					(INCLUDES CLIP AS & RIVET)	
	4	1	**274-2179**	1	COVER AS	



GRAPHIC #1

<END>

g01213140

275-2252 AIR CLEANER GP

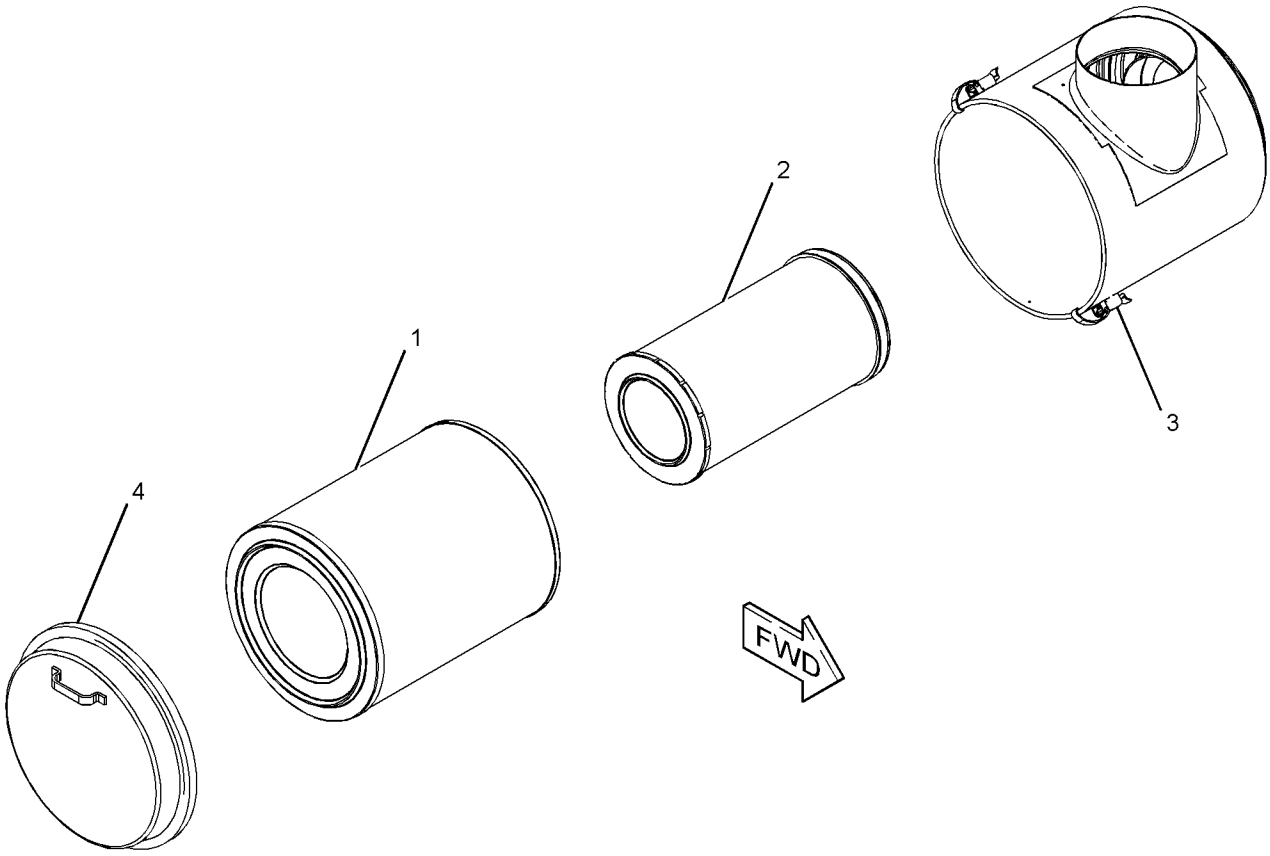
S/N: BTW1-UP

PART OF 217-5700 AIR CLEANER GP

SMCS-1051, 1054

i02424176

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6I-2505**	1	FILTER ELEMENT AS-AIR (PRIMARY)	
	2	1	**6I-2506**	1	FILTER ELEMENT AS-AIR (SECONDARY)	
	3	1	**8N-4617**	2	KIT-AIR CLEANER CLAMP	
					(INCLUDES CLIP AS & RIVET)	
	4	1	**274-2179**	1	COVER AS	



GRAPHIC #1 <END> g01217599

217-5699 DUST EJECTOR GP

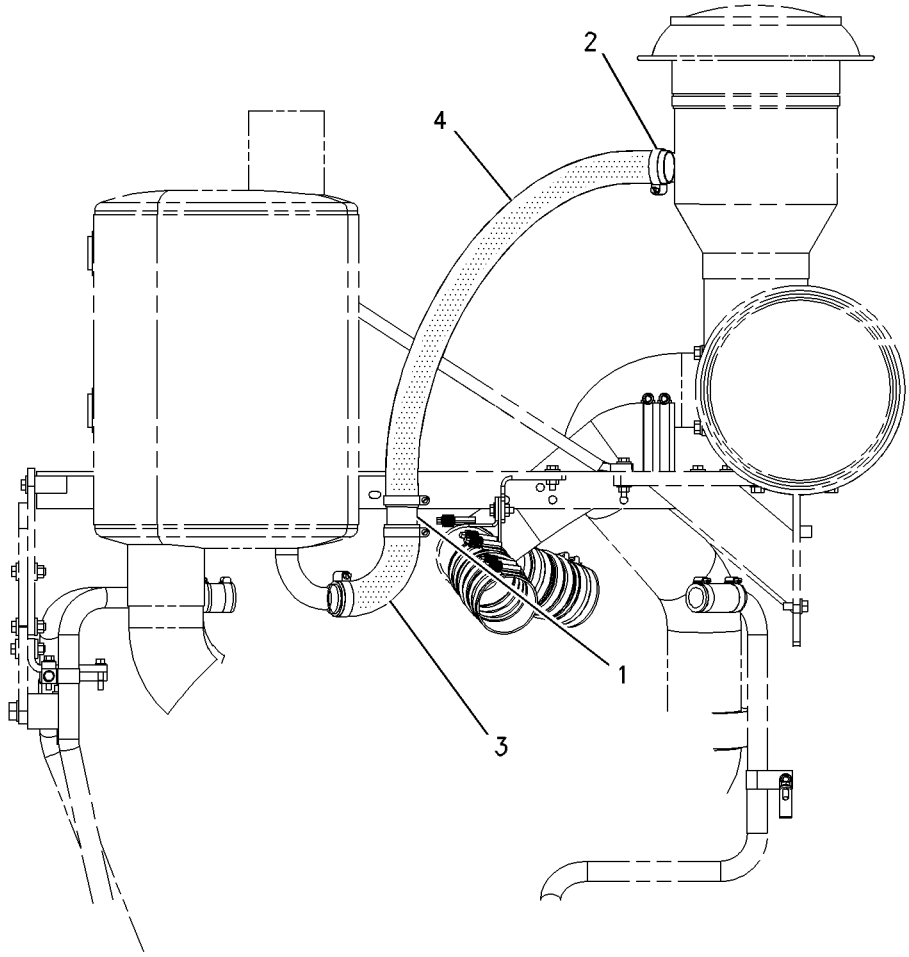
S/N: BTW1-UP

PART OF 217-5671 INSTALLATION AR-ENGINE

SMCS-1068 **i03470236**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1S-1668**	2	TUBE-BYPASS	
	2	1	**5P-0597**	8	CLAMP-HOSE	
	3	1	**7L-8227**	2	HOSE	
E	4	1	**5P-1471**		HOSE (84.5-CM EACH)	

E - ORDER BY THE CENTIMETER



GRAPHIC #1 <END> g00768140

194-7653 EXTENSION GP-EXHAUST

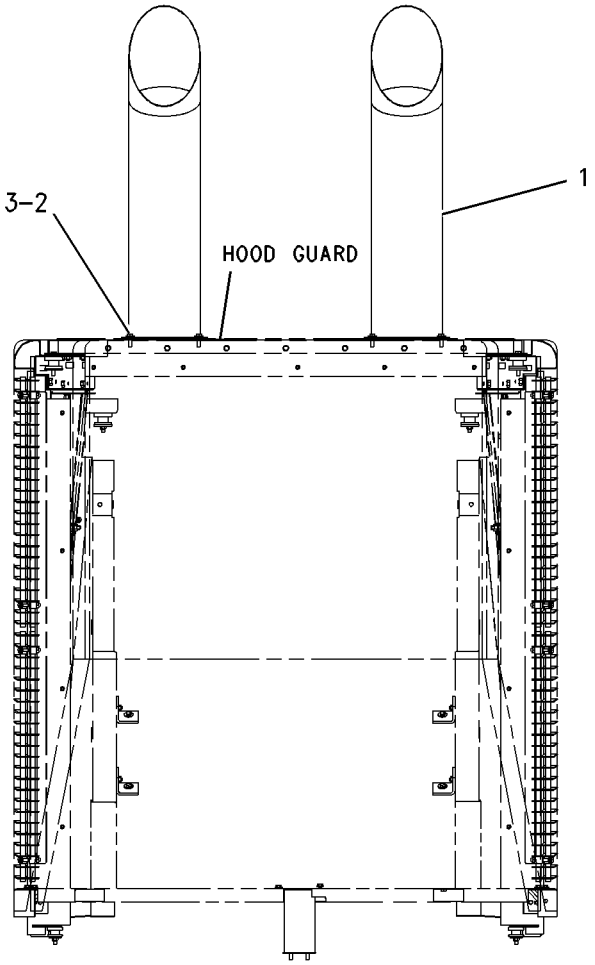
S/N: BTW1-UP

PART OF 230-3275 CHASSIS AR

SMCS-1061 **i01463851**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**194-5155**	2	PIPE AS-EXHAUST	
	2	1	**5P-1076**	8	WASHER-HARD (13.5X30X4-MM THK)	
M	3	1	**8T-4183**	8	BOLT (M12X1.75X40-MM)	

M - METRIC PART



GRAPHIC #1 <END> g00766246

234-4983 LINES GP-AFTERCOOLER AIR

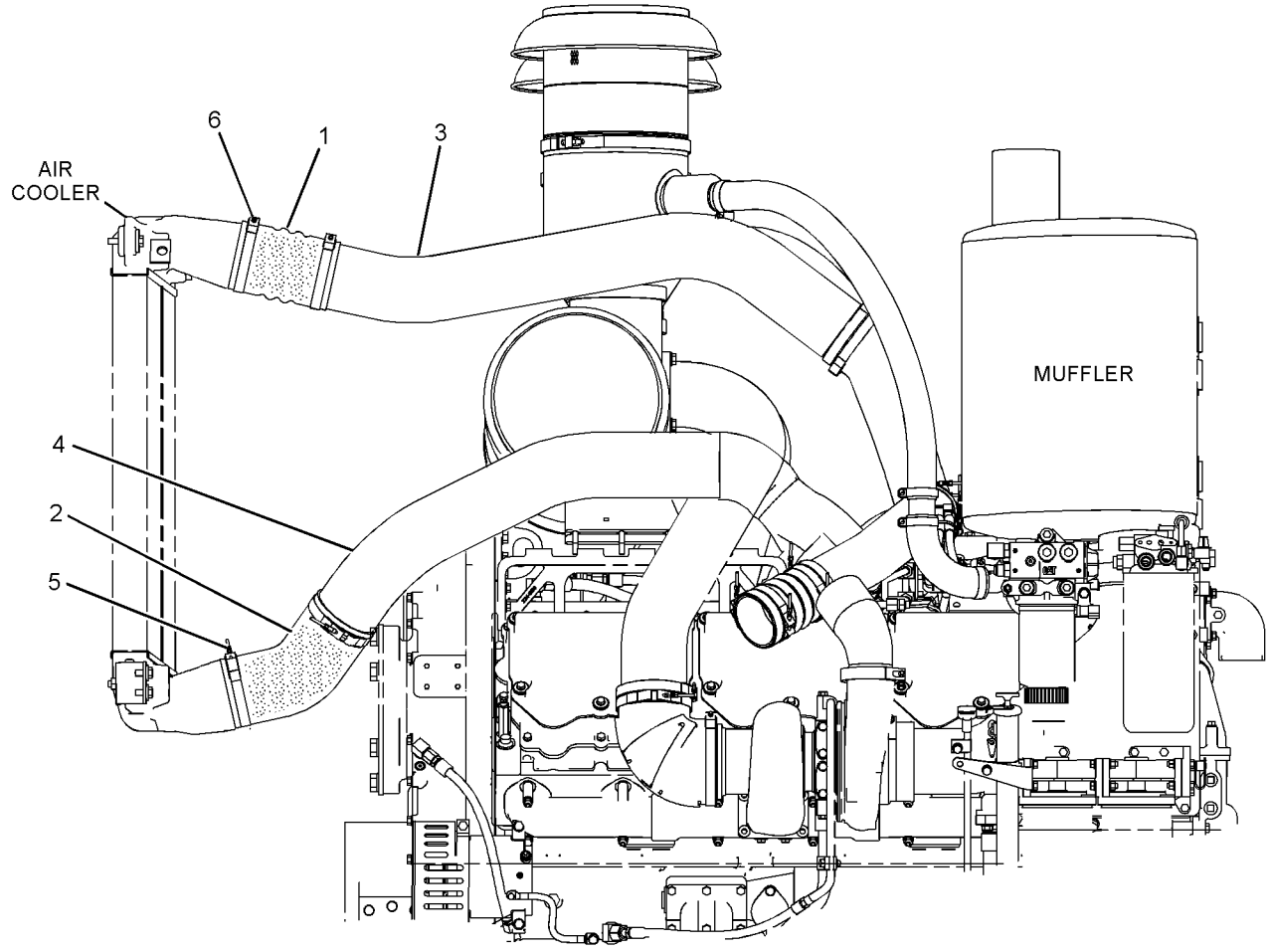
S/N: BTW1-UP

PART OF 230-3275 CHASSIS AR

SMCS-1063, 1071

i02966360

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**128-6457**	1	HOSE	
	2	1	**191-7810**	1	HOSE	
	3	1	**314-6945**	1	TUBE	
	4	1	**314-6946**	1	TUBE	
	5	1	**219-0314**	2	CLAMP	
	6	1	**222-2277**	2	CLAMP	



RIGHT SIDE VIEW

GRAPHIC #1 <END> g01211283

217-5683 LINES GP-AIR

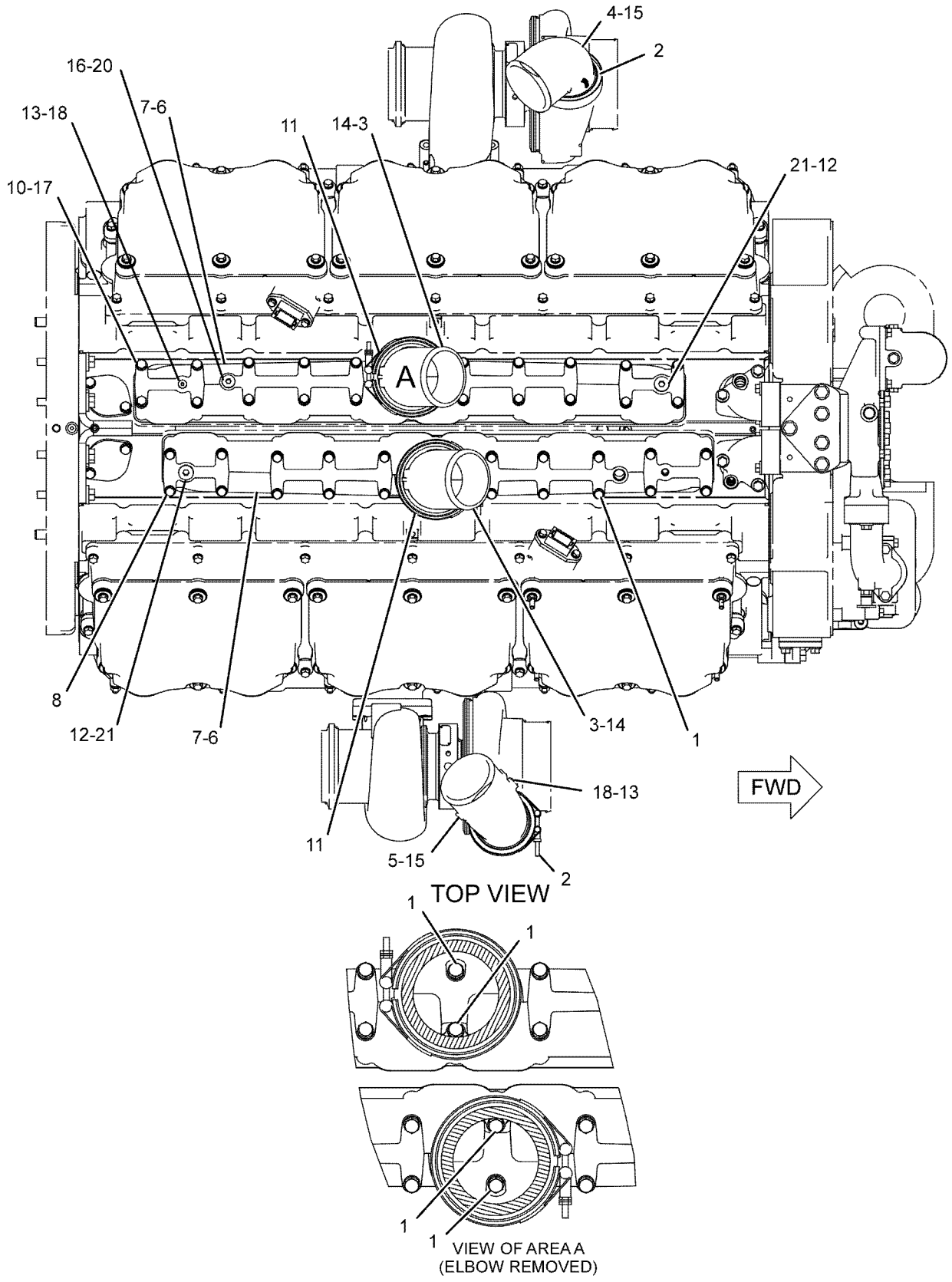
S/N: EHX1-UP

PART OF 217-5670, 271-8633, 360-3755 ENGINE AR-COMPLETE

SMCS-1071 **i07183935**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**2P-3213**	28	BOLT-WASHER HEAD (3/8-16X4.50-IN)	
	2	1	**127-0929**	2	CLAMP-V BAND	
		1	**8T-0122**	1	NUT-FULL (1/4-28-THD)	
	3	1	**217-5684**	2	ELBOW (AIR)	
	4	1	**217-8946**	1	ELBOW	
	5	1	**217-8947**	1	ELBOW (AFTERCOOLER, OUTLET)	
	6	1	**223-1998**	2	MANIFOLD-INLET	
	7	1	**226-5613**	2	GASKET	
	8	1	**2P-7557**	13	BOLT (3/8-16X3.75-IN)	
	10	1	**5M-2894**	3	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	11	1	**6L-3005**	2	CLAMP-BAND	
	12	1	**6V-4589**	2	SEAL-O-RING	
	13	1	**6V-5048**	3	SEAL-O-RING	
	14	1	**6V-6353**	2	SEAL-O-RING	
	15	1	**8C-3089**	2	SEAL-O-RING	
	16	1	**8L-2786**	1	SEAL-O-RING	
	17	1	**8S-9191**	3	BOLT (3/8-16X4-IN)	
	18	1	**9S-8002**	3	PLUG (7/16-20-THD)	
	20	1	**9S-8005**	1	PLUG (3/4-16-THD)	
	21	1	**9S-8006**	2	PLUG (7/8-14-THD)	

217-5683 **LINES GP-AIR (**contd.**)** **i07183935**



GRAPHIC #1 <END> g01051387

224-3159 LINES GP-AIR–ATAAC

S/N: BTW1-156

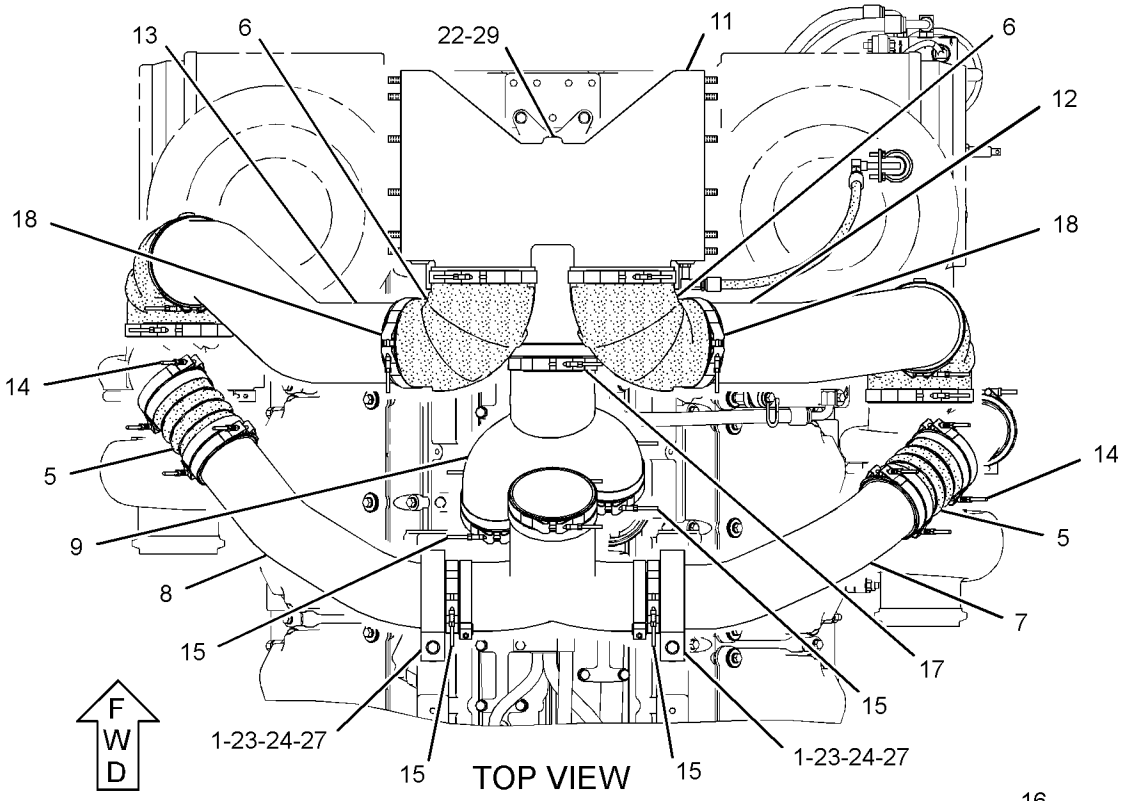
PART OF 217-5671 INSTALLATION AR-ENGINE

SMCS-1071 **i03123886**

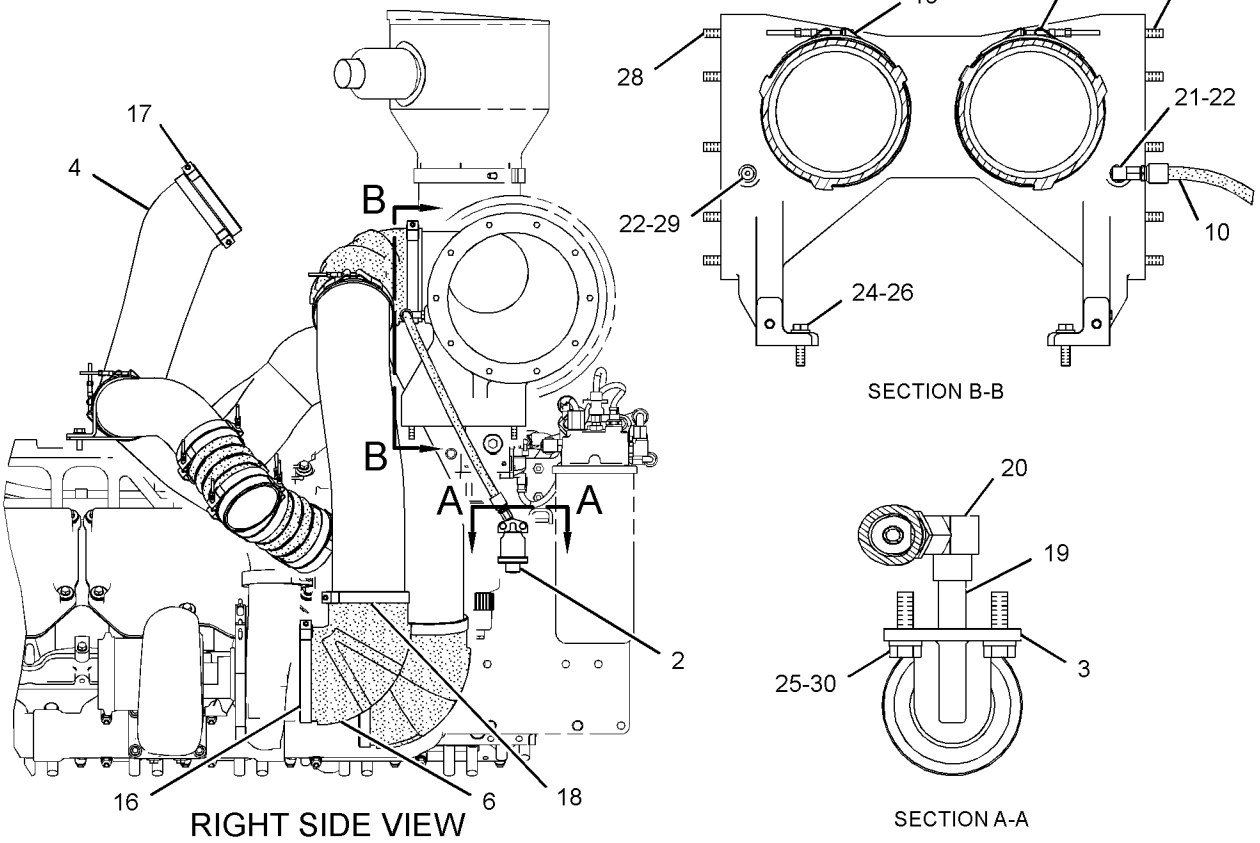
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6V-6783**	2	CLIP (TAB)	
	2	1	**7W-7417**	1	INDICATOR AS (AIR FILTER SERVICE)	
	3	1	**119-6723**	1	FITTING	
	4	1	**128-6459**	1	TEE	
	5	1	**131-5591**	2	HOSE	
	6	1	**178-9410**	4	HOSE-ELBOW	
	7	1	**224-3162**	1	TUBE	
	8	1	**224-3163**	1	TUBE	
	9	1	**230-6259**	1	TEE	
I	10	1	**249-8570**	1	HOSE AS	
	11	1	**255-9214**	1	ADAPTER-AIR CLEANER	
	12	1	**256-3816**	1	TUBE AS	
	13	1	**256-3817**	1	TUBE AS	
	14	1	**208-7448**	8	CLAMP	
	15	1	**212-6932**	8	CLAMP-T BOLT	
	16	1	**216-2212**	4	CLAMP	
	17	1	**219-0314**	4	CLAMP	
	18	1	**247-1925**	4	CLAMP-T BOLT	
	19	1	**3B-7733**	1	FITTING	
	20	1	**3S-1099**	1	ELBOW-FLARED	
	21	1	**5P-3426**	1	ELBOW	
	22	1	**6V-5048**	3	SEAL-O-RING	
	23	1	**6V-6782**	2	CLIP (SLOT)	
	24	1	**8T-4121**	8	WASHER-HARD (11X21X2.5-MM THK)	
M	25	1	**8T-4138**	2	BOLT (M6X1X20-MM)	
M	26	1	**8T-4186**	6	BOLT (M10X1.5X40-MM)	
M	27	1	**8T-4195**	2	BOLT (M10X1.5X30-MM)	
M	28	1	**8T-7004**	20	STUD-TAPERLOCK (M10X1.5X35-MM)	
	29	1	**9S-8002**	2	PLUG (7/16-20-THD)	
	30	1	**9X-8256**	2	WASHER (6.6X12X2-MM THK)	

I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART

224-3159 **LINES GP-AIR (**contd.**)** **i03123886**



TOP VIEW



RIGHT SIDE VIEW

SECTION B-B

SECTION A-A

GRAPHIC #1 <END> g01218832

224-3159 LINES GP-AIR–ATAAC

S/N: BTW157-UP

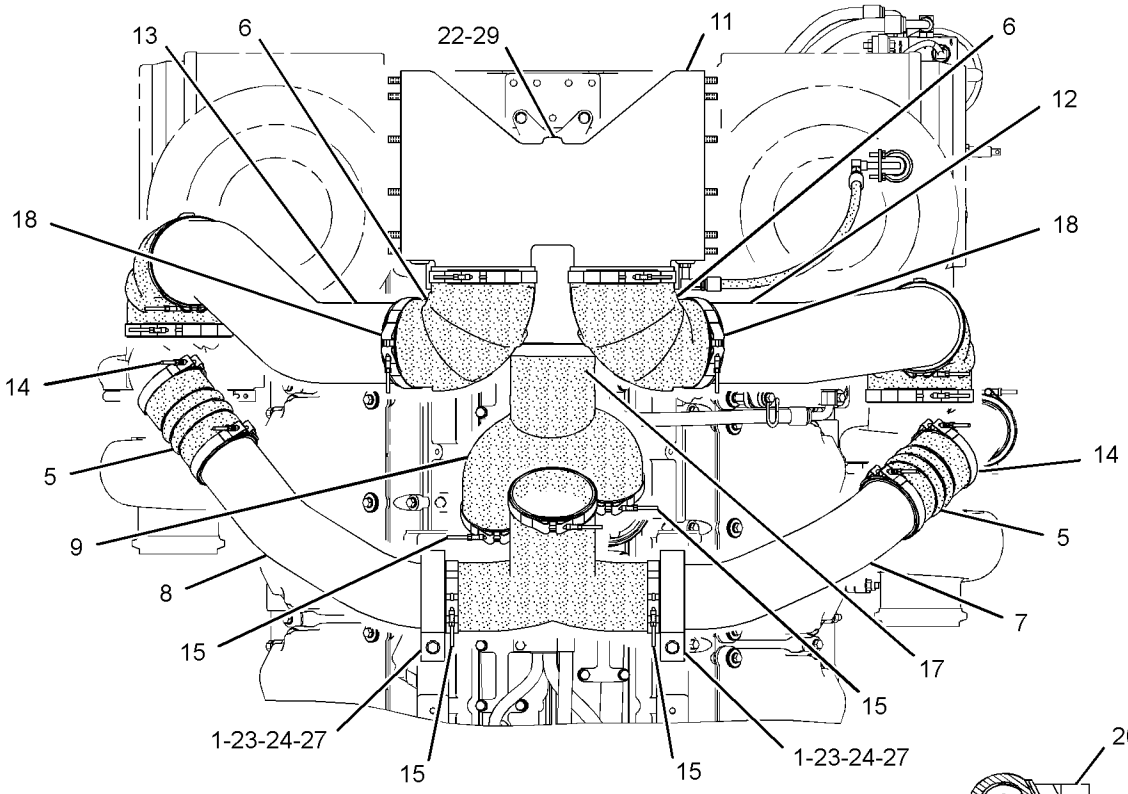
PART OF 217-5671 INSTALLATION AR-ENGINE

SMCS-1071 **i07183933**

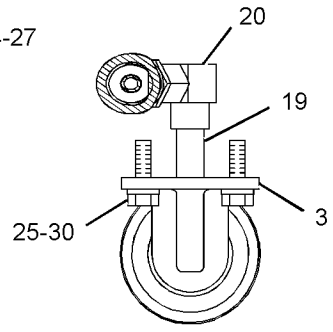
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6V-6783**	2	CLIP (TAB)	
	2	1	**7W-7417**	1	INDICATOR AS (AIR FILTER SERVICE)	
	3	1	**119-6723**	1	FITTING	
	4	1	**128-6459**	1	TEE	
	5	1	**131-5591**	2	HOSE	
	6	1	**178-9410**	4	HOSE-ELBOW	
	7	1	**224-3162**	1	TUBE	
	8	1	**224-3163**	1	TUBE	
	9	1	**230-6259**	1	TEE	
I	10	1	**249-8570**	1	HOSE AS	
	11	1	**255-9214**	1	ADAPTER-AIR CLEANER	
	12	1	**256-3816**	1	TUBE AS	
	13	1	**256-3817**	1	TUBE AS	
C	14	1	**208-7448**	4	CLAMP	
C	15	1	**212-6932**	4	CLAMP-T BOLT	
	16	1	**216-2212**	4	CLAMP	
C	17	1	**219-0314**	2	CLAMP	
	18	1	**247-1925**	4	CLAMP-T BOLT	
	19	1	**3B-7733**	1	FITTING	
	20	1	**3S-1099**	1	ELBOW-FLARED	
	21	1	**5P-3426**	1	ELBOW	
	22	1	**6V-5048**	3	SEAL-O-RING	
	23	1	**6V-6782**	2	CLIP (SLOT)	
	24	1	**8T-4121**	8	WASHER-HARD (11X21X2.5-MM THK)	
M	25	1	**8T-4138**	2	BOLT (M6X1X20-MM)	
M	26	1	**8T-4186**	6	BOLT (M10X1.5X40-MM)	
M	27	1	**8T-4195**	2	BOLT (M10X1.5X30-MM)	
M	28	1	**8T-7004**	20	STUD-TAPERLOCK (M10X1.5X35-MM)	
	29	1	**9S-8002**	2	PLUG (7/16-20-THD)	
	30	1	**9X-8256**	2	WASHER (6.6X12X2-MM THK)	

C - CHANGE FROM PREVIOUS TYPE
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART

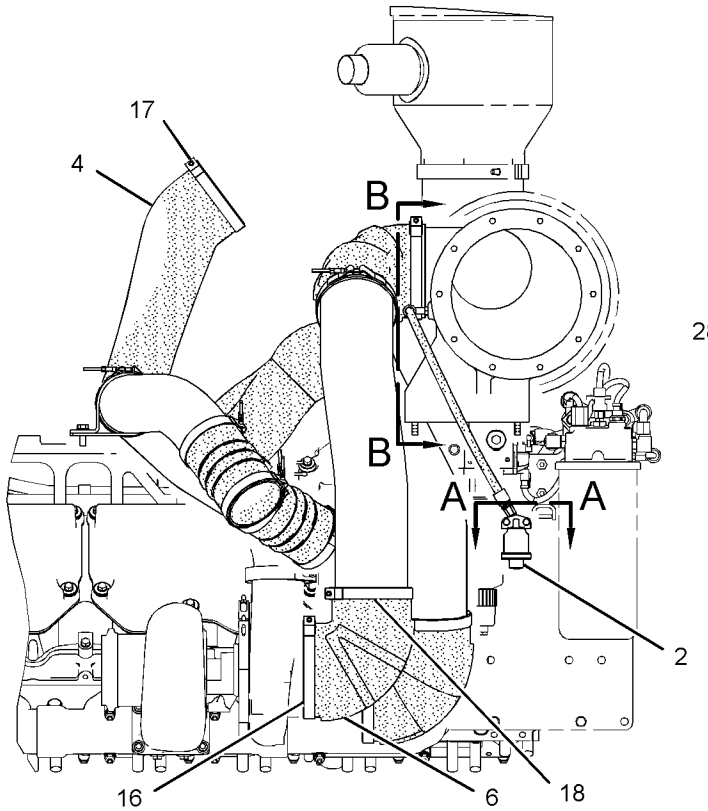
224-3159 **LINES GP-AIR (**contd.**)** **i07183933**



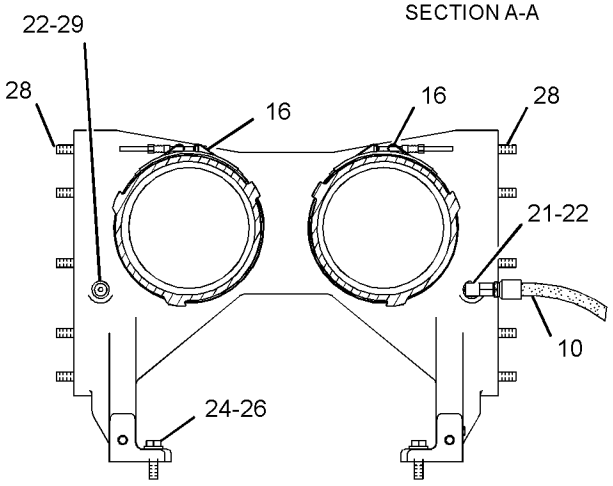
TOP VIEW OF ENGINE



SECTION A-A



RIGHT SIDE VIEW OF ENGINE



SECTION B-B

GRAPHIC #1 <END> g01336765

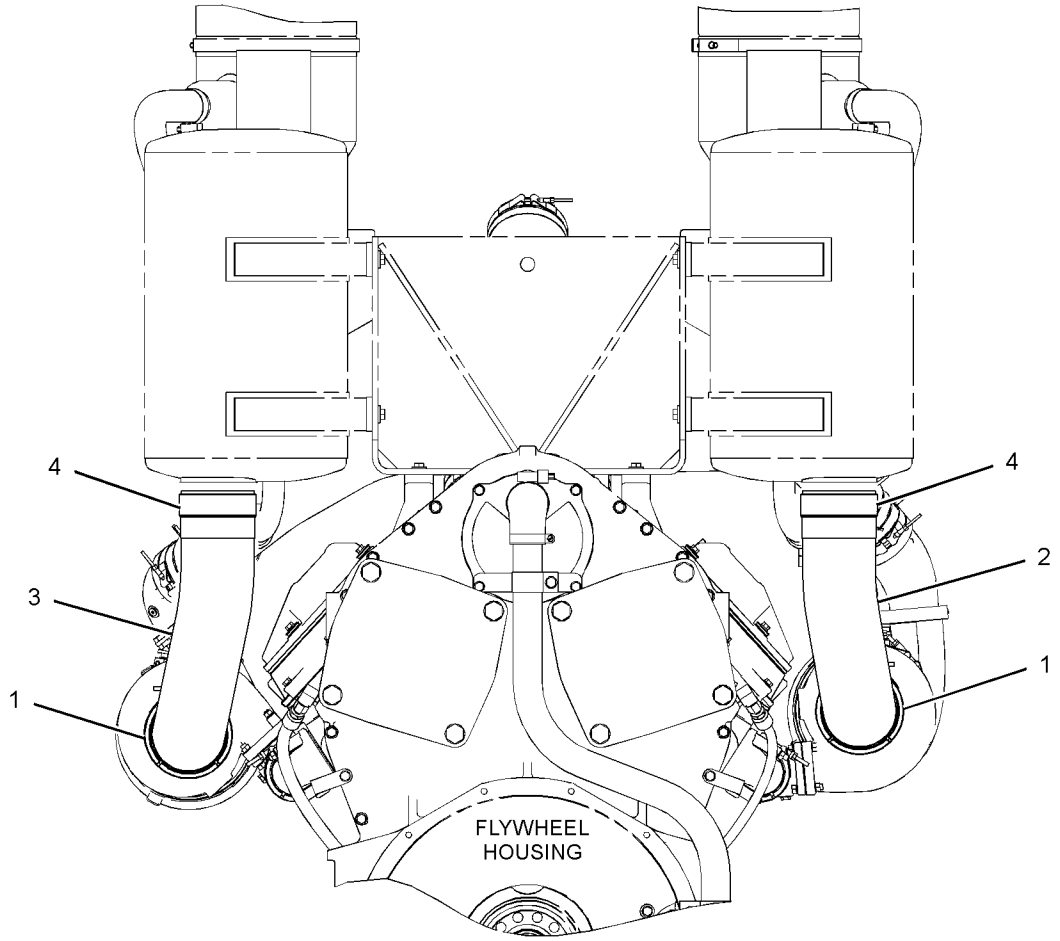
217-5696 LINES GP-TURBOCHARGER AIR

S/N: BTW1-UP

PART OF 217-5671 INSTALLATION AR-ENGINE

SMCS-1052, 1071 **i02375065**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9N-1941**	2	CLAMP-V BAND	
					(EACH INCLUDES)	
		1	**8T-0122**	1	NUT-FULL (1/4-28-THD)	
	2	1	**217-5697**	1	TUBE AS	
	3	1	**217-5698**	1	TUBE AS	
	4	1	**241-9265**	2	CLAMP-MUFFLER	



REAR VIEW

GRAPHIC #1 <END> g01210445

217-5682 MANIFOLD GP-EXHAUST

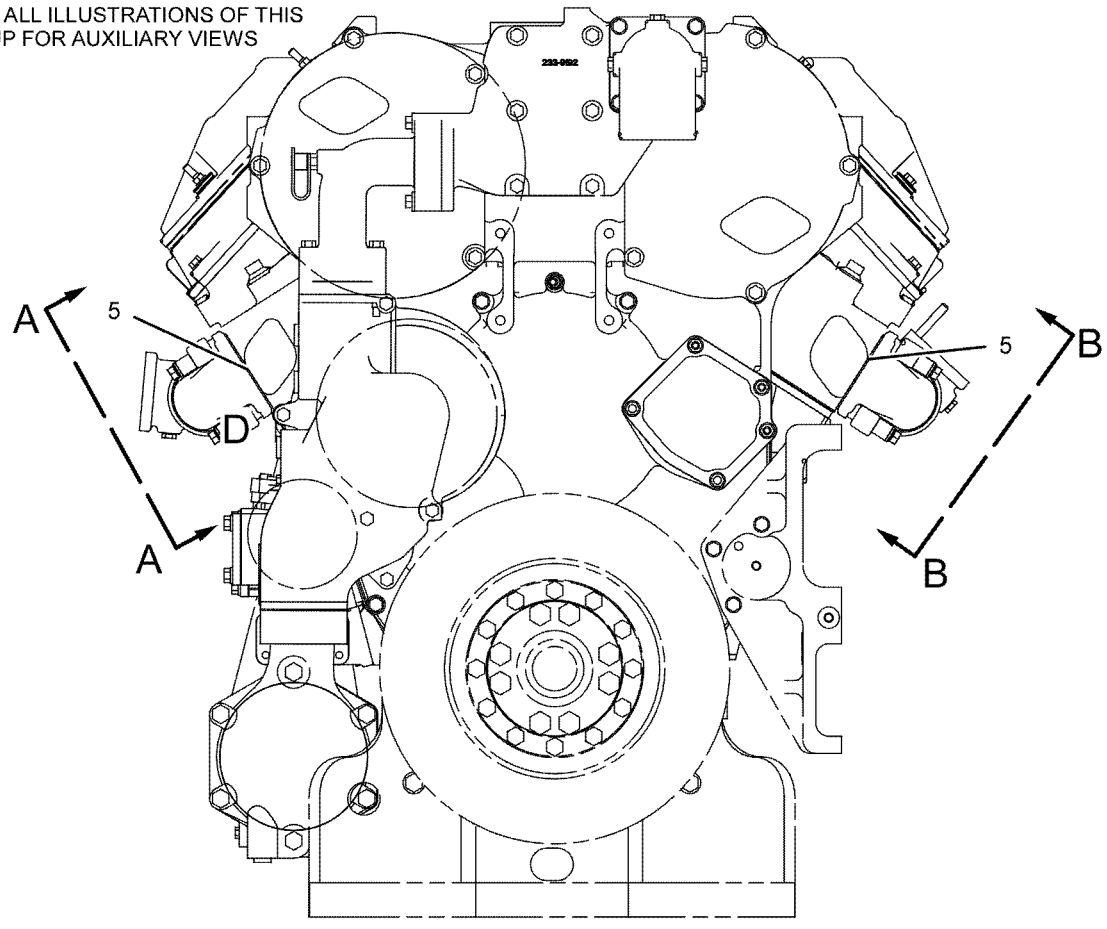
S/N: EHX1-2415

PART OF 217-5670 ENGINE AR-COMPLETE

SMCS-1059 **i02041075**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**2W-4474**	4	BRACKET	
	2	2	**100-7401**	8	SEAL AS-EXHAUST	
	3	2	**108-3612**	16	SPACER (11.13X19.05X53-MM THK)	
	4	2	**114-9223**	8	SPACER (11.13X19.05X19-MM THK)	
	5	1	**129-9452**	12	GASKET-EXHAUST MANIFOLD	
	6	2	**163-3103**	4	MANIFOLD-EXHAUST (END)	
	7	2	**217-6459**	1	MANIFOLD-EXHAUST (CENTER, RH)	
	8	2	**217-6460**	1	MANIFOLD-EXHAUST (CENTER, LH)	
	9	2	**106-1793**	2	STUD-TAPERLOCK (3/8-16X2.36-IN)	
	10	2	**2N-2766**	24	LOCKNUT (3/8-16-THD)	
	11	2	**5B-7890**	4	PLUG-PIPE	
	12	2	**5M-2894**	24	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	13	2	**6B-2882**	8	SPACER (0.406X0.75X0.312-IN THK)	

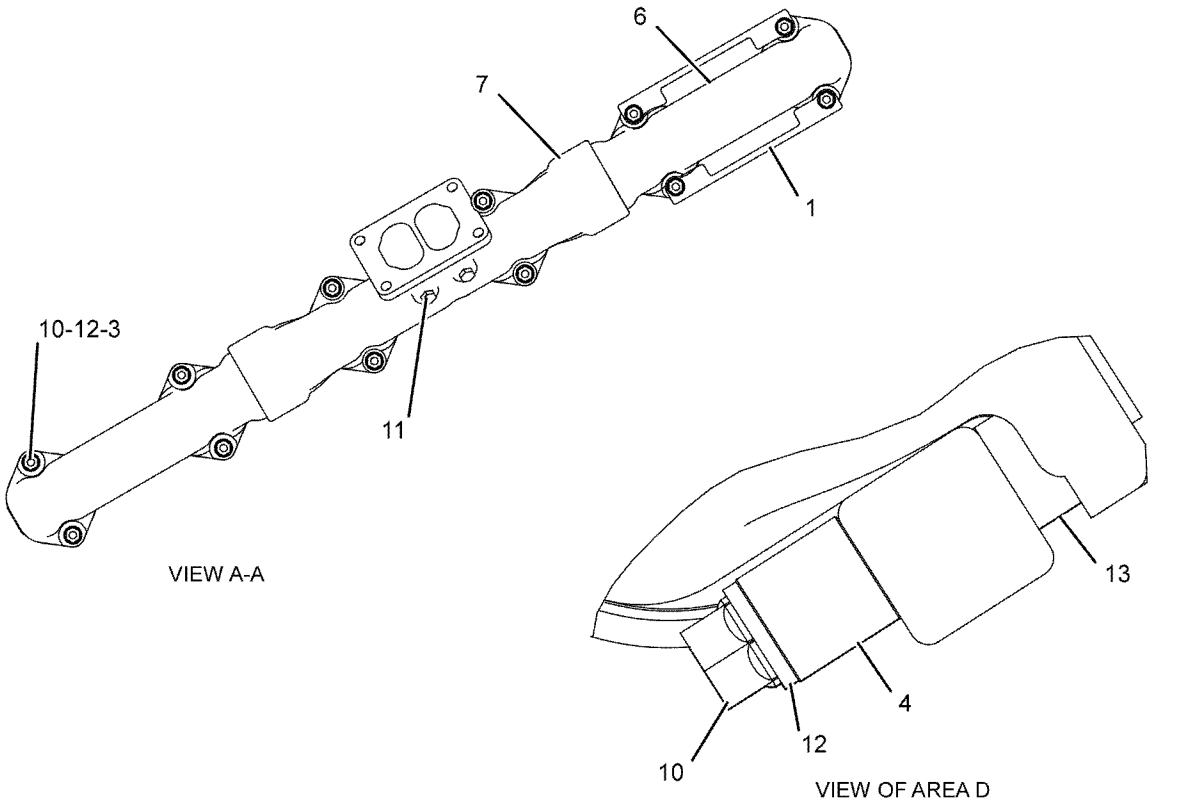
REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



FRONT VIEW

GRAPHIC #1 g01051299

217-5682 **MANIFOLD GP-EXHAUST (**contd.**)** **i02041075**



GRAPHIC #2 <END> g01051322

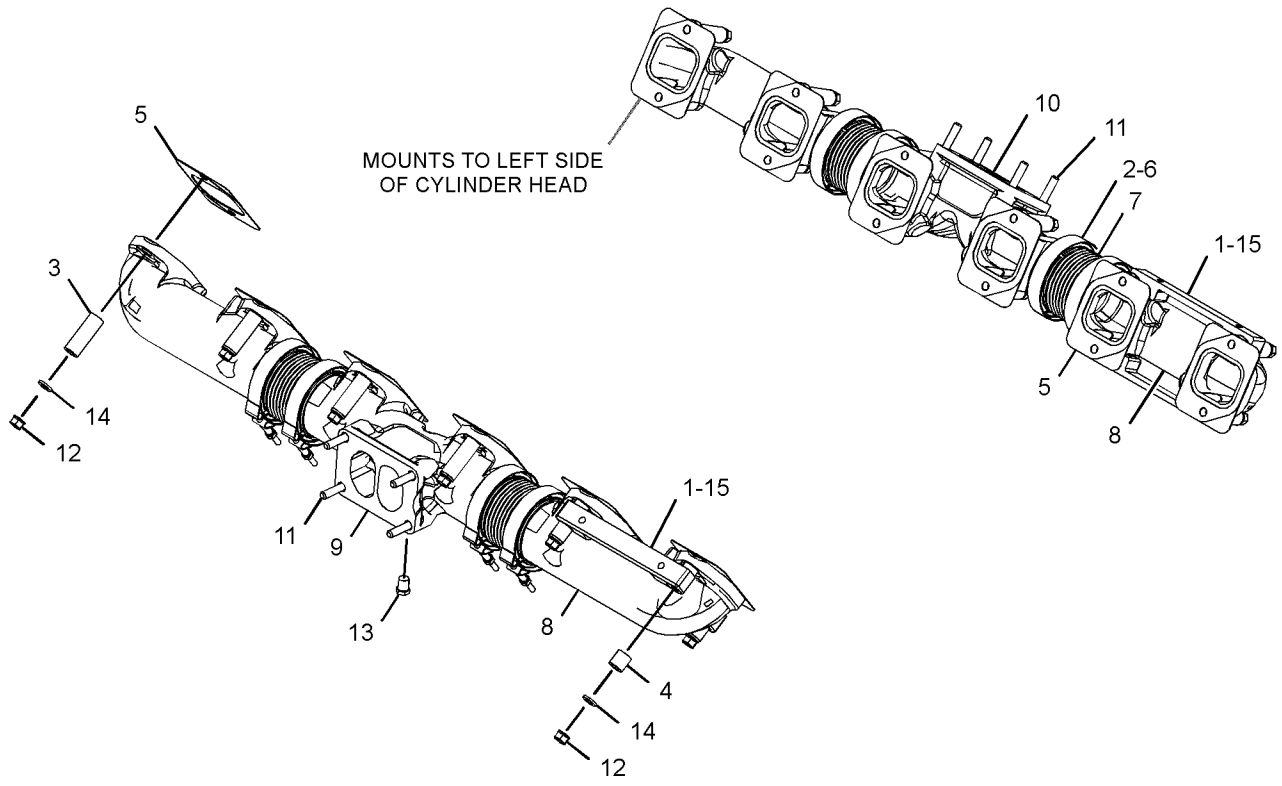
259-6926 MANIFOLD GP-EXHAUST

S/N: EHX1-UP

PART OF 217-5670, 271-8633 ENGINE AR-COMPLETE

SMCS-1059 **i06554030**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**2W-4474**	4	BRACKET	
	2	1	**8N-0879**	8	CLAMP (V-BAND)	
	3	1	**108-3612**	16	SPACER (11.13X19.05X53-MM THK)	
	4	1	**114-9223**	8	SPACER (11.13X19.05X19-MM THK)	
	5	1	**239-1388**	12	GASKET	
	6	1	**243-3565**	8	SEAL-O-RING	
	7	1	**243-3566**	4	BELLOWS AS	
	8	1	**250-6239**	4	MANIFOLD-EXHAUST (END)	
	9	1	**392-5082**	1	MANIFOLD-EXHAUST	
	10	1	**392-5083**	1	MANIFOLD-EXHAUST	
	11	1	**393-5115**	8	STUD-TAPERLOCK	
	12	1	**2N-2766**	24	LOCKNUT (3/8-16-THD)	
	13	1	**5M-6213**	4	PLUG-PIPE	
	14	1	**5M-2894**	24	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	15	1	**6B-2882**	8	SPACER (0.406X0.75X0.312-IN THK)	



GRAPHIC #1 <END> g03389774

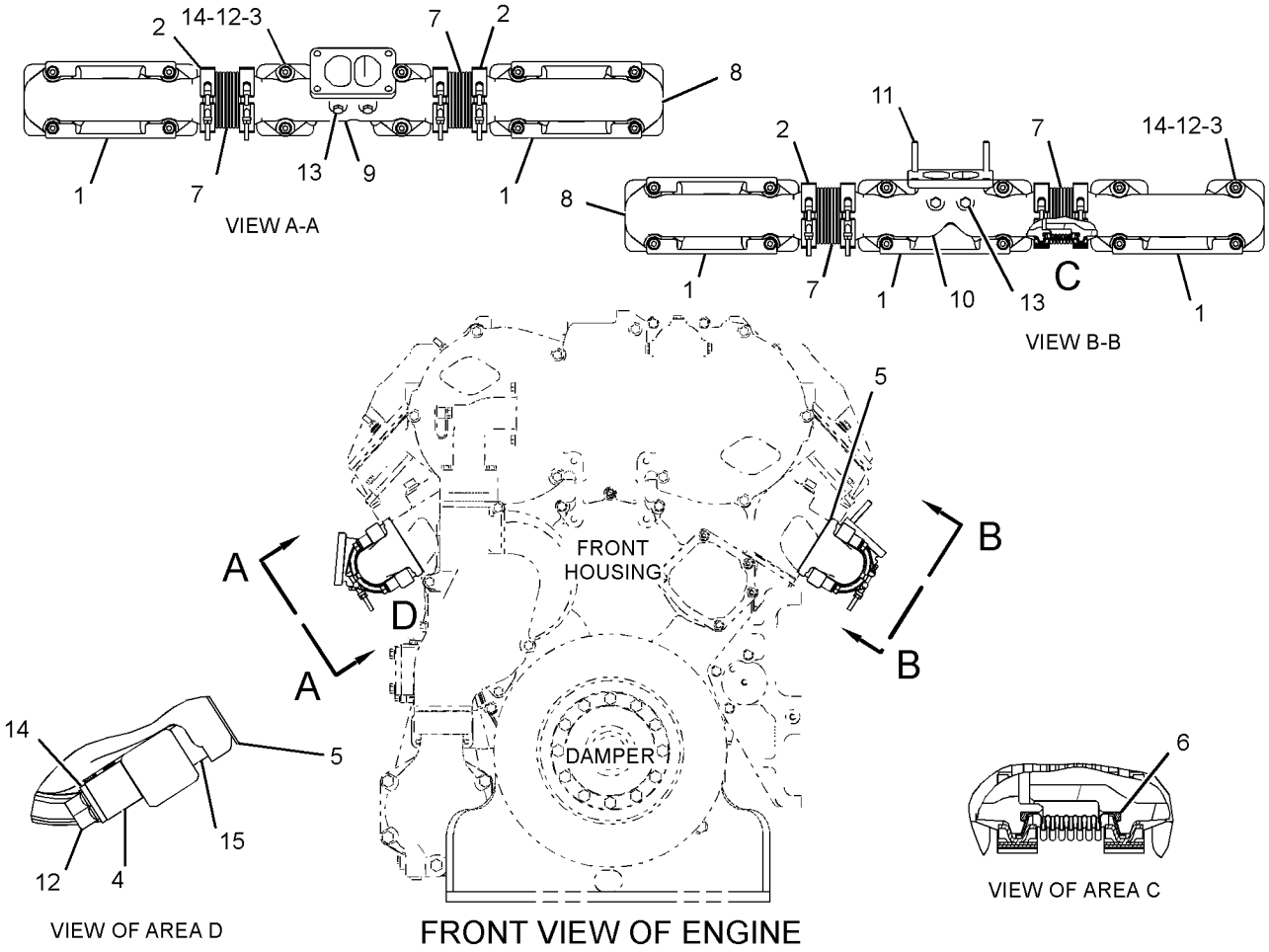
291-3026 MANIFOLD GP-EXHAUST

S/N: EHX2921-UP

PART OF 271-8633 ENGINE AR-COMPLETE

SMCS-1059 **i02556760**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**2W-4474**	8	BRACKET	
	2	1	**8N-0879**	8	CLAMP	
	3	1	**108-3612**	8	SPACER (11.13X19.05X53-MM THK)	
	4	1	**114-9223**	16	SPACER (11.13X19.05X19-MM THK)	
	5	1	**239-1388**	12	GASKET	
	6	1	**243-3565**	8	SEAL-O-RING	
	7	1	**243-3566**	4	BELLOWS AS	
	8	1	**250-6239**	4	MANIFOLD-EXHAUST	
	9	1	**250-9205**	1	MANIFOLD-EXHAUST	
	10	1	**250-9207**	1	MANIFOLD-EXHAUST	
	11	1	**106-1793**	2	STUD-TAPERLOCK (3/8-16X2.36-IN)	
	12	1	**2N-2766**	24	LOCKNUT (3/8-16-THD)	
	13	1	**5B-7890**	4	PLUG-PIPE	
	14	1	**5M-2894**	24	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	15	1	**6B-2882**	16	SPACER (0.406X0.75X0.312-IN THK)	



GRAPHIC #1 <END> g01312282

291-3026 MANIFOLD GP-EXHAUST

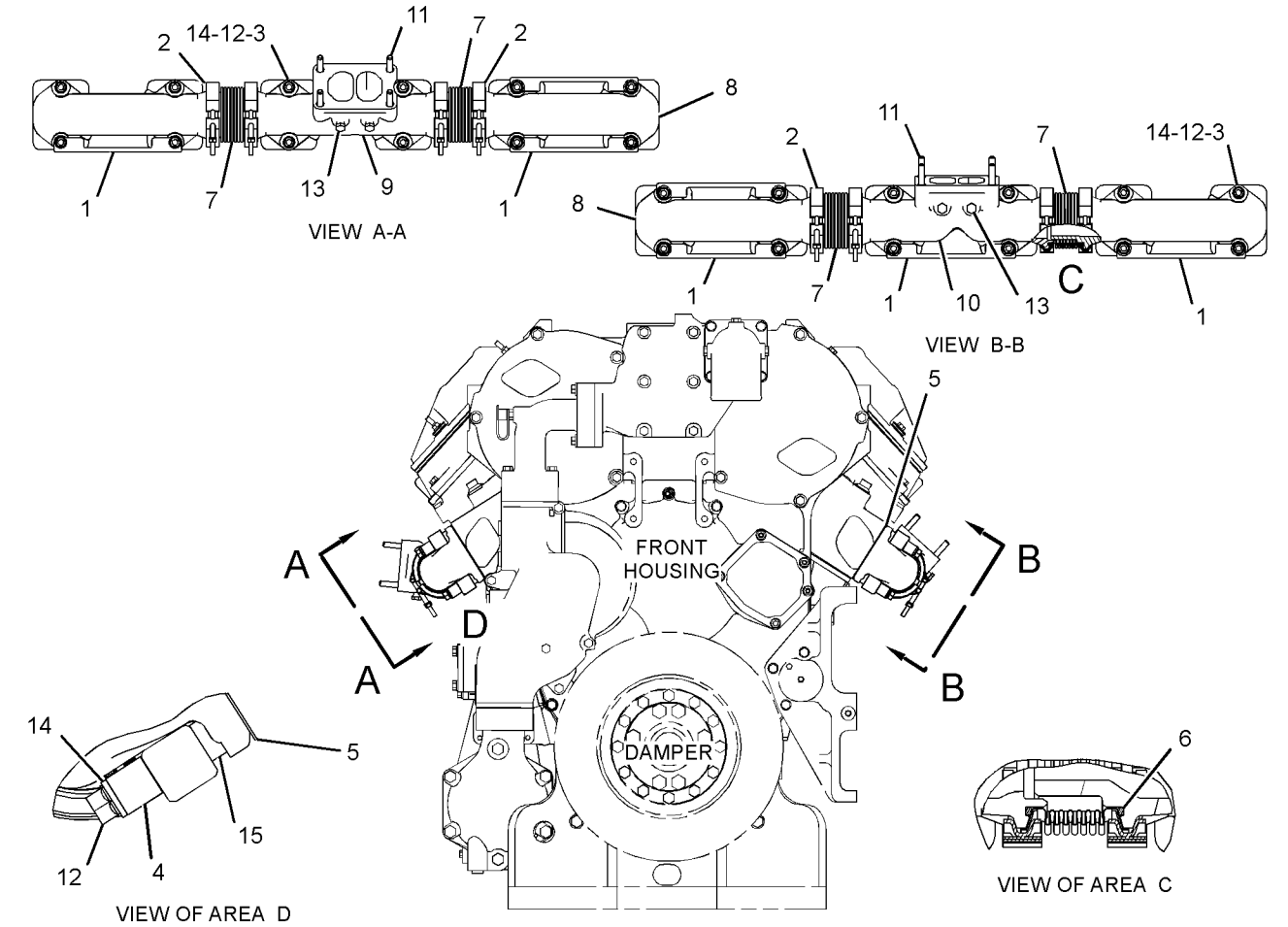
S/N: EHX1-UP

PART OF 271-8633, 360-3755 ENGINE AR-COMPLETE

SMCS-1059 **i06522374**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	**2W-4474**	7	BRACKET	
	2	1	**8N-0879**	8	CLAMP	
C	3	1	**108-3612**	10	SPACER (11.13X19.05X53-MM THK)	
C	4	1	**114-9223**	14	SPACER (11.13X19.05X19-MM THK)	
	5	1	**239-1388**	12	GASKET	
	6	1	**243-3565**	8	SEAL-O-RING	
	7	1	**243-3566**	4	BELLOWS AS	
	8	1	**250-6239**	4	MANIFOLD-EXHAUST	
	9	1	**392-5082**	1	MANIFOLD-EXHAUST	
	10	1	**392-5083**	1	MANIFOLD-EXHAUST	
	11	1	**393-5115**	8	STUD-TAPERLOCK	
	12	1	**2N-2766**	24	LOCKNUT (3/8-16-THD)	
	13	1	**5M-6213**	4	PLUG-PIPE	
	14	1	**5M-2894**	24	WASHER-HARD (10.2X18.5X2.5-MM THK)	
C	15	1	**6B-2882**	14	SPACER (0.406X0.75X0.312-IN THK)	

C - CHANGE FROM PREVIOUS TYPE



FRONT VIEW OF ENGINE

GRAPHIC #1 <END> g03398368

224-3155 MUFFLER GP

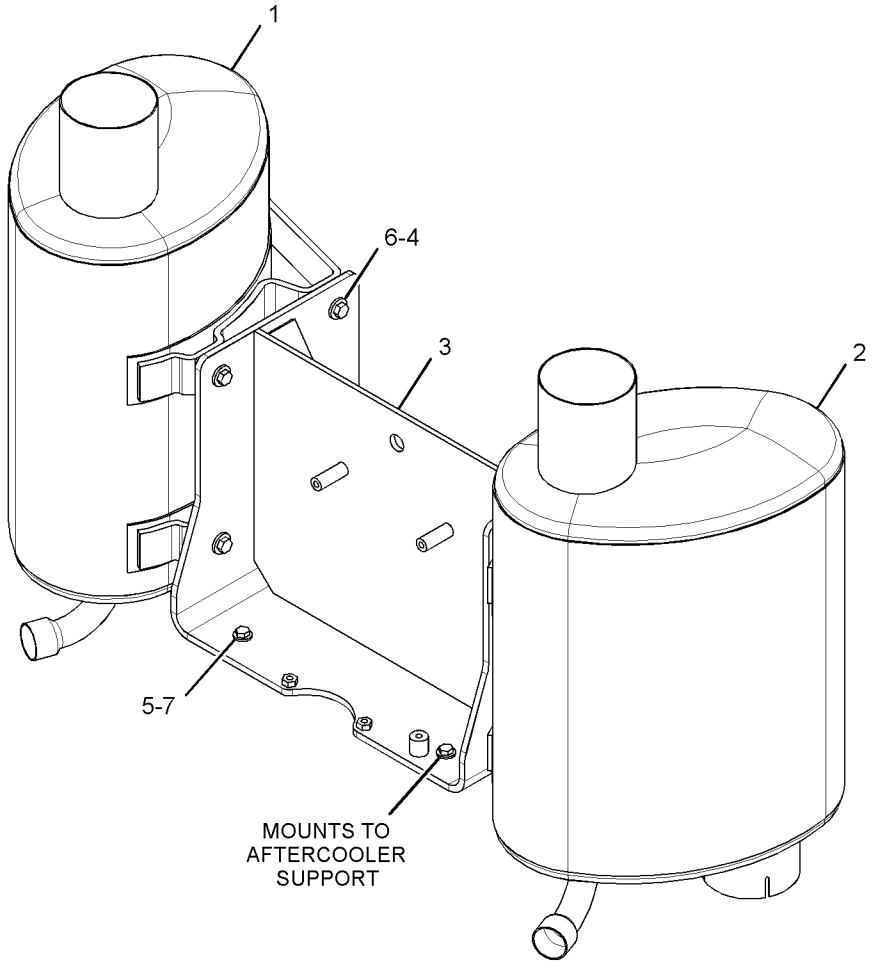
S/N: BTW1-UP

PART OF 217-5671 INSTALLATION AR-ENGINE

SMCS-1062 **i02901519**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**224-3156**	1	MUFFLER AS	
	2	1	**224-3157**	1	MUFFLER AS	
	3	1	**315-1263**	1	SUPPORT AS	
M		1	**9R-2613**	1	BOSS-WELD (M10X1.5X25-MM)	
M		1	**8T-3490**	2	NUT-WELD (M10X1.5-THD)	
M		1	**9T-6001**	2	BOSS (M10X1.5-THD)	
		1	**117-8721**	2	LUG (M10X1.5-THD)	
	4	1	**5P-1076**	8	WASHER-HARD (13.5X30X4-MM THK)	
	5	1	**7X-7729**	4	WASHER (11X25X3-MM THK)	
M	6	1	**8T-4194**	8	BOLT (M12X1.75X50-MM)	
M	7	1	**8T-4195**	4	BOLT (M10X1.5X30-MM)	

M - METRIC PART



GRAPHIC #1 <END> g01577655

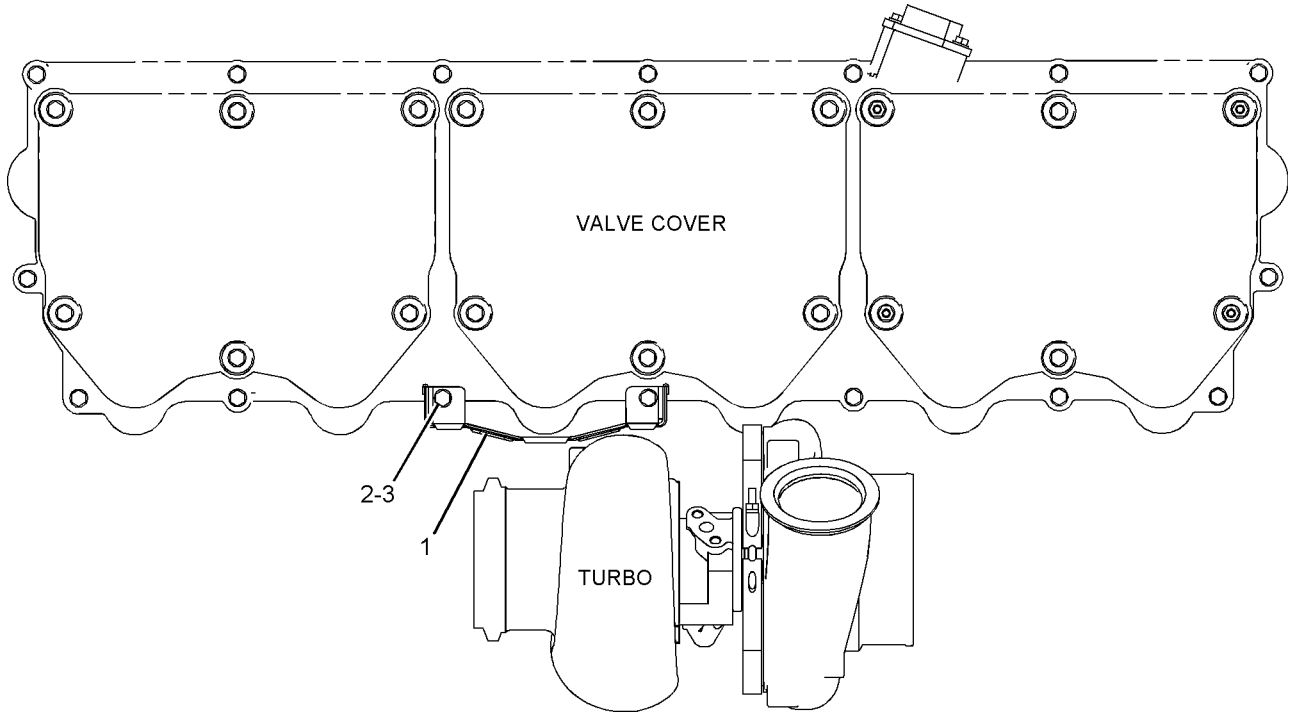
234-4919 SHIELD GP-HEAT

S/N: BTW1-UP

PART OF 217-5671 INSTALLATION AR-ENGINE

SMCS-1067 **i02044575**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	*237-9382*	2	SHIELD AS-HEAT	
	2	1	**8C-6876**	4	BOLT (5/16-18X1.625-IN)	
	3	1	**8T-4224**	4	WASHER-HARD (8.8X16X2-MM THK)	



GRAPHIC #1

<END>

g01050829

241-8654 SHIELD GP-HEAT–LH

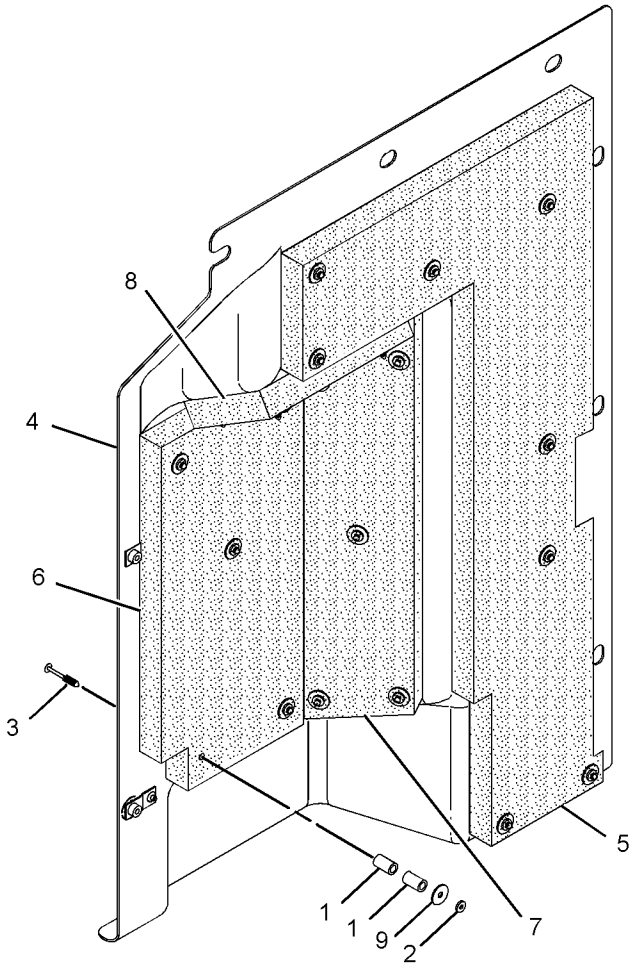
S/N: BTW1-UP

PART OF 241-8653 SHIELD GP-ENGINE COMPARTMENT

SMCS-1067 **i02429293**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**133-1643**	44	SPACER (8.1X13X22.2-MM THK)	
	2	1	**133-1645**	22	WASHER (7.2X19.1X3.1-MM THK)	
	3	1	**148-8240**	22	CLIP	
	4	1	**195-3196**	1	SHIELD AS (LH)	
M		1	**9R-2613**	1	BOSS-WELD (M10X1.5X25-MM)	
	5	1	**241-8659**	1	INSULATION	
	6	1	**241-8660**	1	INSULATION	
	7	1	**241-8661**	1	INSULATION	
	8	1	**241-8662**	1	INSULATION	
	9	1	**7X-0603**	22	WASHER-HARD (9.9X35X2.5-MM THK)	

M - METRIC PART



GRAPHIC #1 <END> g01217362

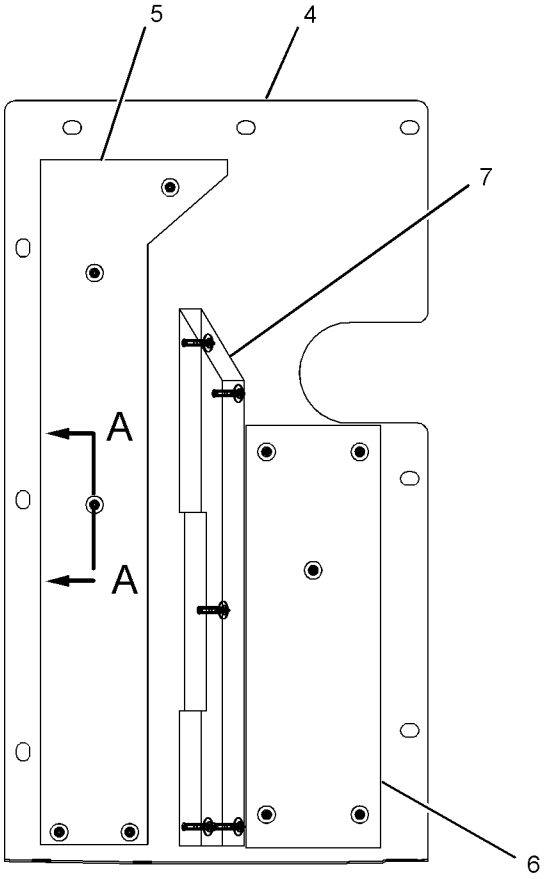
241-8655 SHIELD GP-HEAT–RH

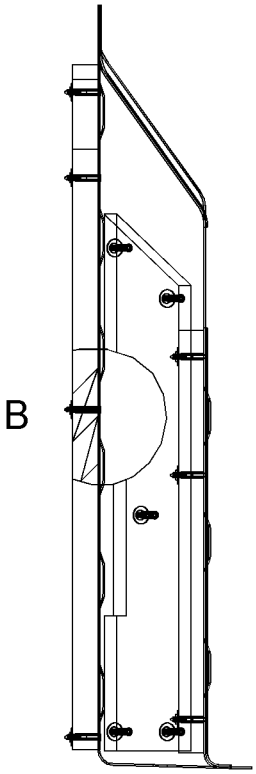
S/N: BTW1-UP

PART OF 241-8653 SHIELD GP-ENGINE COMPARTMENT

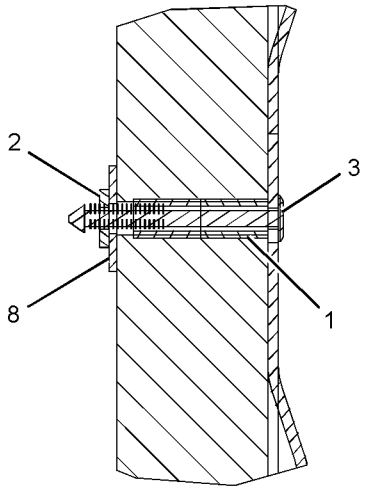
SMCS-1067 **i02046407**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**133-1643**	30	SPACER (8.1X13X22.2-MM THK)	
	2	1	**133-1645**	15	WASHER (7.2X19.1X3.1-MM THK)	
	3	1	**148-8240**	15	CLIP	
	4	1	**239-0286**	1	SHIELD (RH)	
	5	1	**241-8656**	1	INSULATION	
	6	1	**241-8657**	1	INSULATION	
	7	1	**241-8658**	1	INSULATION	
	8	1	**7X-0603**	15	WASHER-HARD (9.9X35X2.5-MM THK)	





SECTION A-A



VIEW OF AREA B

GRAPHIC #1

<END>

g01050841

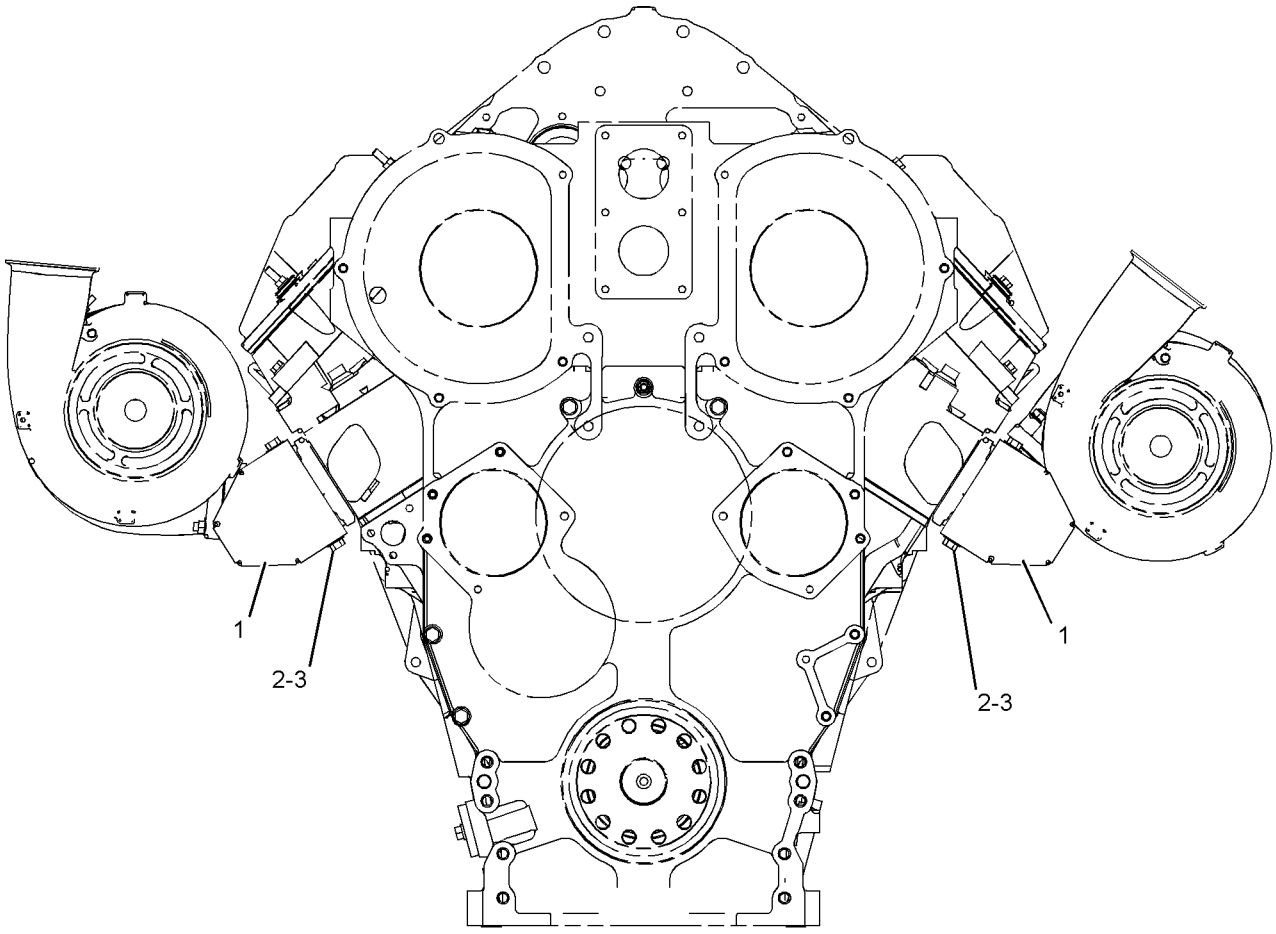
243-3864 SHIELD GP-HEAT

S/N: EHX1-UP

PART OF 217-5670, 271-8633 ENGINE AR-COMPLETE

SMCS-1067 **i06755739**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6N-9533**	2	SHIELD AS-HEAT	
	2	1	**1S-9169**	8	BOLT-HIGH TEMPERATURE (3/8-16X0.75-IN)	
	3	1	**9X-6458**	8	WASHER-HARD (10.2X22.5X3-MM THK)	



FRONT VIEW

GRAPHIC #1 <END> g01051348

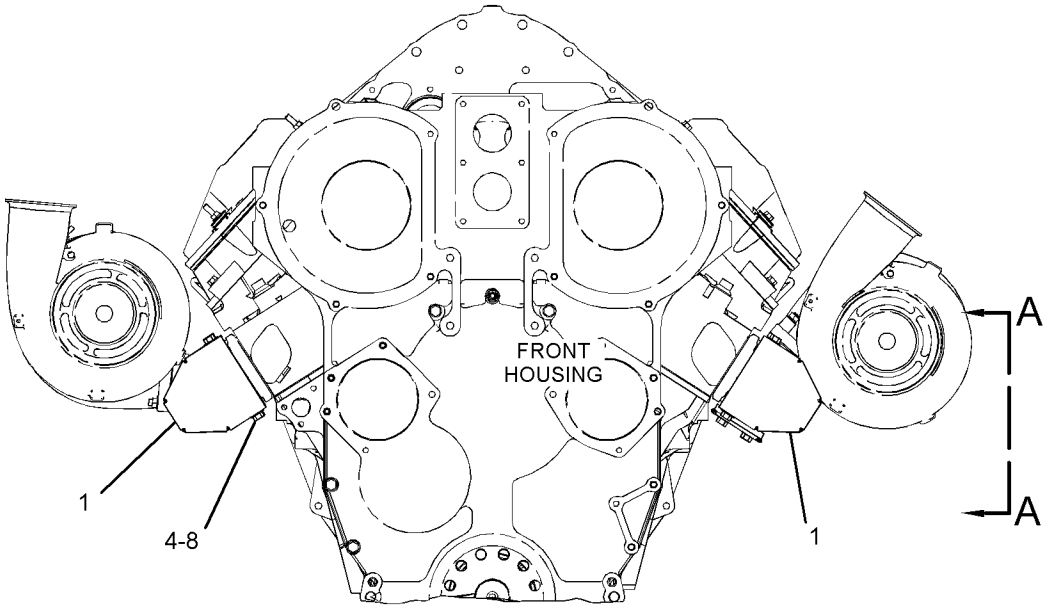
292-2257 SHIELD GP-HEAT

S/N: EHX2921-UP

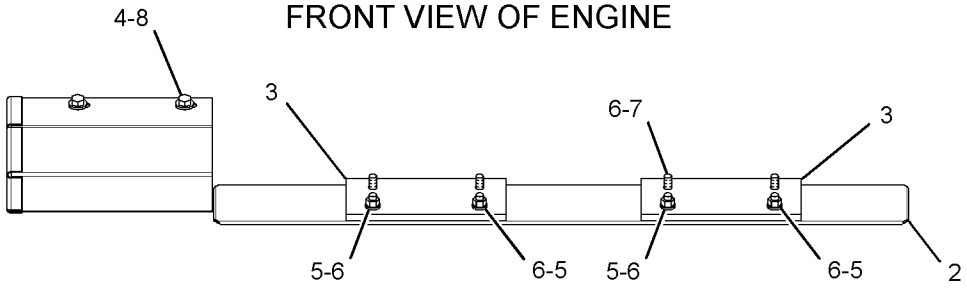
PART OF 271-8633 ENGINE AR-COMPLETE

SMCS-1067 **i02886596**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6N-9533**	3	SHIELD AS-HEAT	
	2	1	**299-4790**	1	SHIELD AS-HEAT	
	3	1	**300-3696**	2	PLATE	
	4	1	**0T-0102**	12	BOLT (3/8-16X0.625-IN)	
	5	1	**6V-8801**	4	NUT (3/8-16-THD)	
	6	1	**8T-4896**	12	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	7	1	**9B-7237**	8	BOLT (3/8-16X1.25-IN)	
	8	1	**9X-6458**	12	WASHER-HARD (10.2X22.5X3-MM THK)	



FRONT VIEW OF ENGINE



VIEW A-A

GRAPHIC #1 <END> g01452892

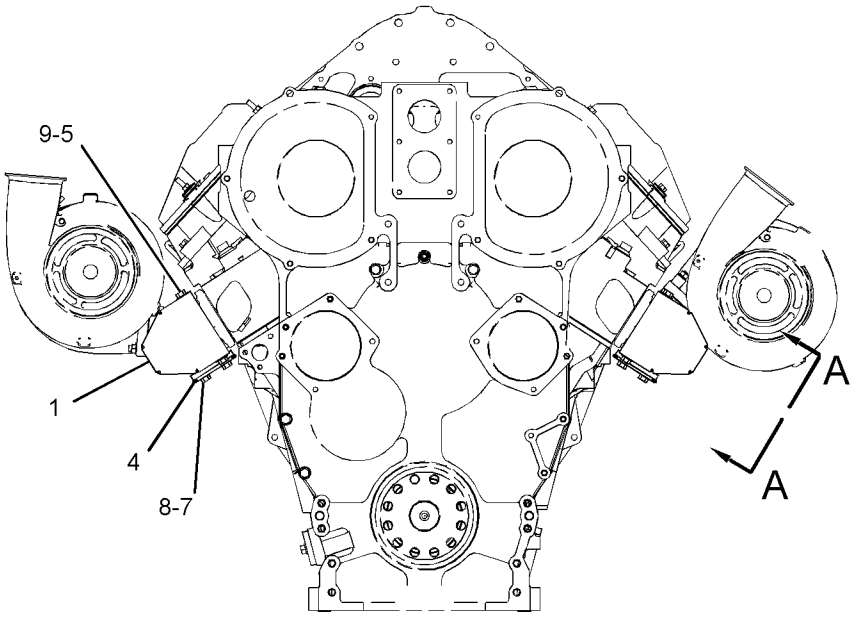
292-2257 SHIELD GP-HEAT

S/N: EHX1-UP

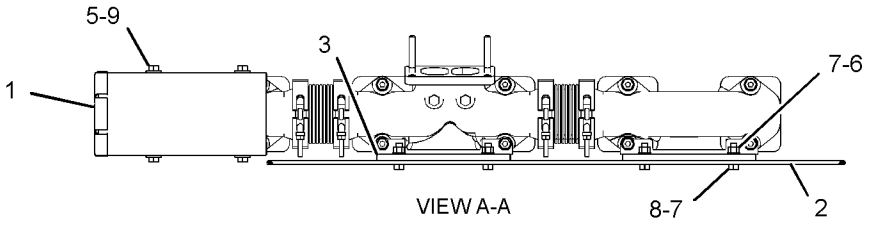
PART OF 271-8633, 360-3755 ENGINE AR-COMPLETE

SMCS-1067 **i03511370**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6N-9533**	2	SHIELD AS-HEAT	
	2	1	**299-4790**	1	SHIELD AS-HEAT	
	3	1	**300-3696**	3	PLATE	
	4	1	**312-5771**	1	SHIELD AS-HEAT	
	5	1	**0T-0102**	8	BOLT (3/8-16X0.625-IN)	
	6	1	**6V-8801**	6	NUT (3/8-16-THD)	
	7	1	**8T-4896**	18	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	8	1	**9B-7237**	12	BOLT (3/8-16X1.25-IN)	
	9	1	**9X-6458**	8	WASHER-HARD (10.2X22.5X3-MM THK)	



FRONT VIEW OF ENGINE



VIEW A-A

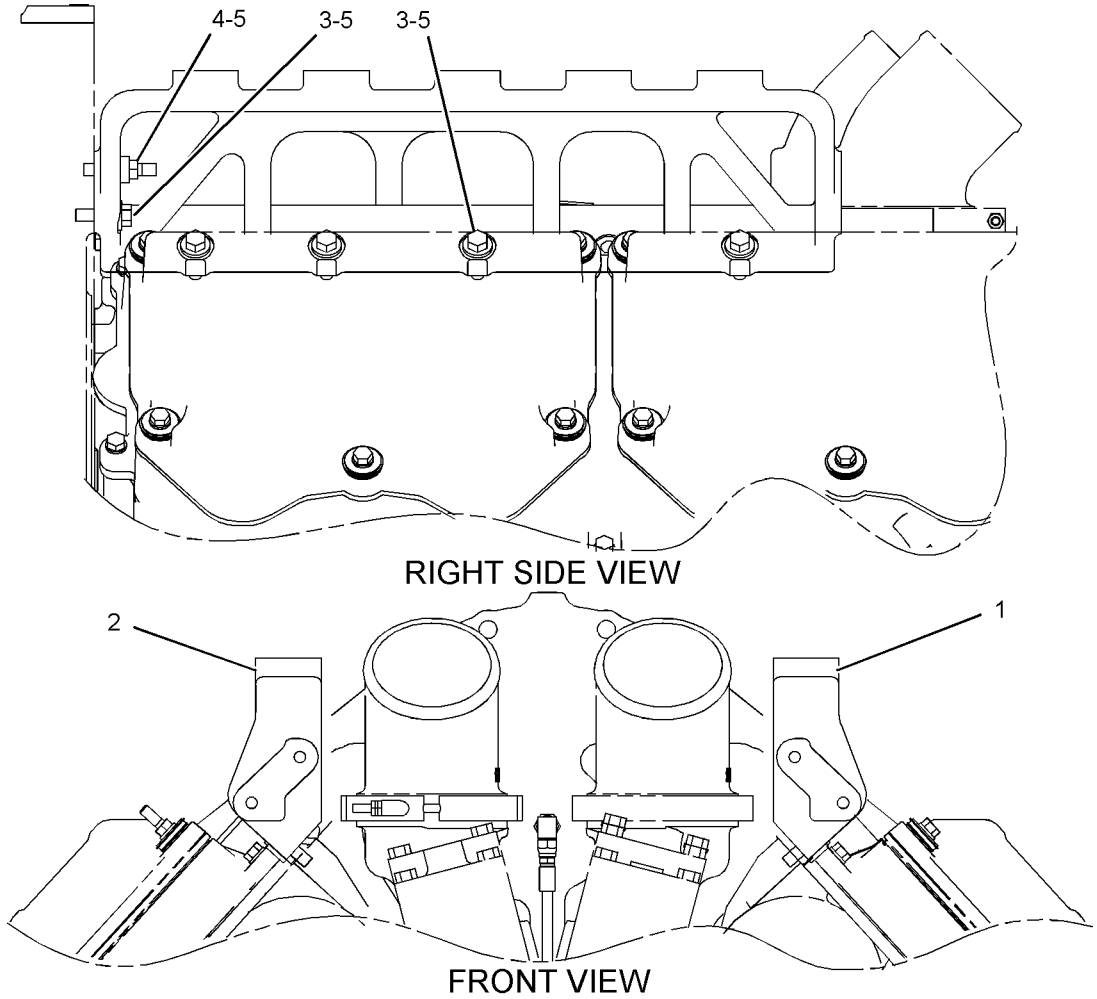
GRAPHIC #1 <END> g01882975

234-5913 SUPPORT GP-AFTERCOOLER–REAR

S/N: EHX1-UP
PART OF 217-5670 ENGINE AR-COMPLETE
TYPE 1

SMCS-1063 **i02378770**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**219-6923**	1	BRACE	
	2	1	**224-3158**	1	BRACE	
	3	1	**3B-1915**	10	BOLT (3/8-16X1.375-IN)	
	4	1	**7N-1637**	2	STUD (3/8-16X2.5-IN)	
	5	1	**9X-6458**	12	WASHER-HARD (10.2X22.5X3-MM THK)	



GRAPHIC #1 <END> g01125910

234-5913 SUPPORT GP-AFTERCOOLER–REAR

S/N: EHX1-UP

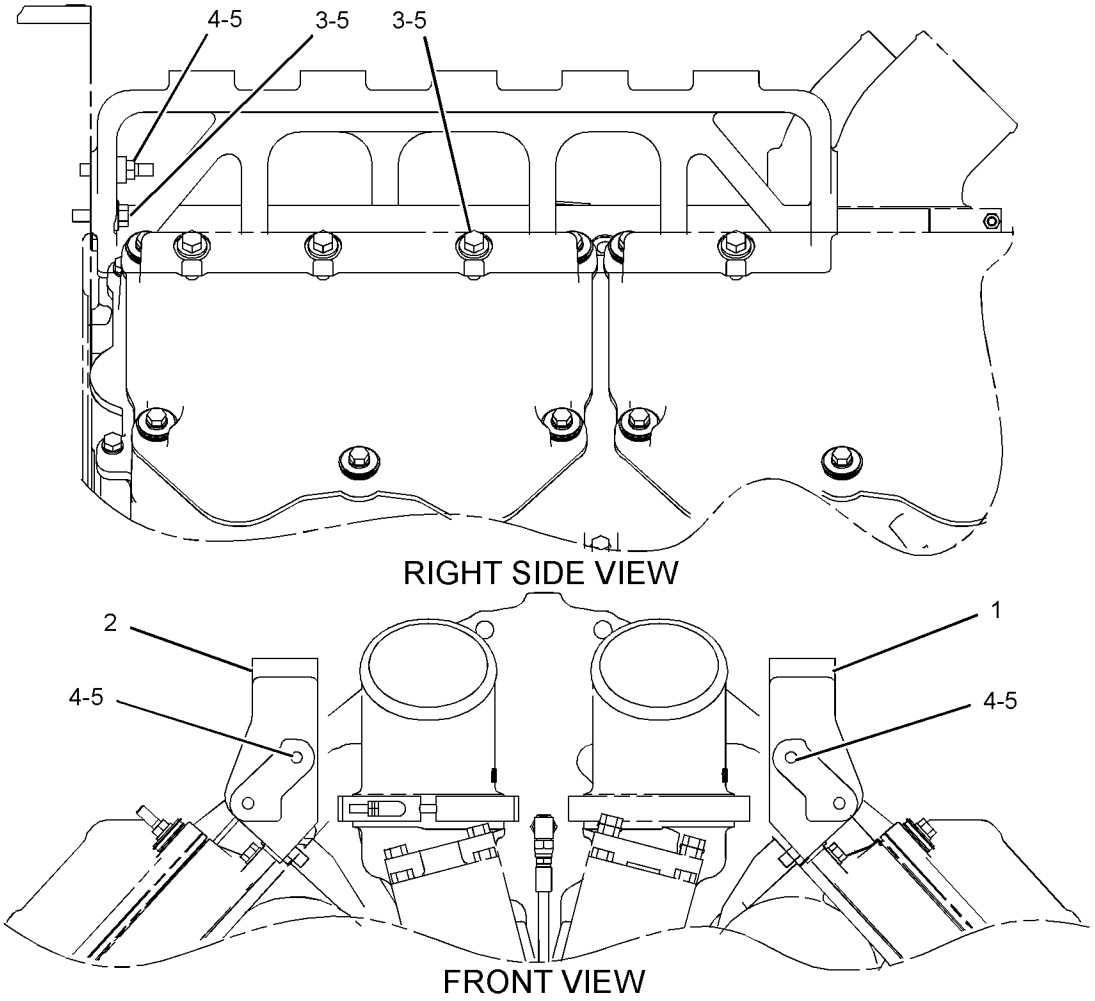
PART OF 217-5670, 271-8633 ENGINE AR-COMPLETE

TYPE 2

SMCS-1063 **i02390276**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**219-6923**	1	BRACE	
	2	1	**224-3158**	1	BRACE	
C	3	1	**3B-1915**	8	BOLT (3/8-16X1.375-IN)	
C	4	1	**7N-1637**	4	STUD (3/8-16X2.5-IN)	
	5	1	**9X-6458**	12	WASHER-HARD (10.2X22.5X3-MM THK)	

C - CHANGE FROM PREVIOUS TYPE



GRAPHIC #1 <END> g01208367

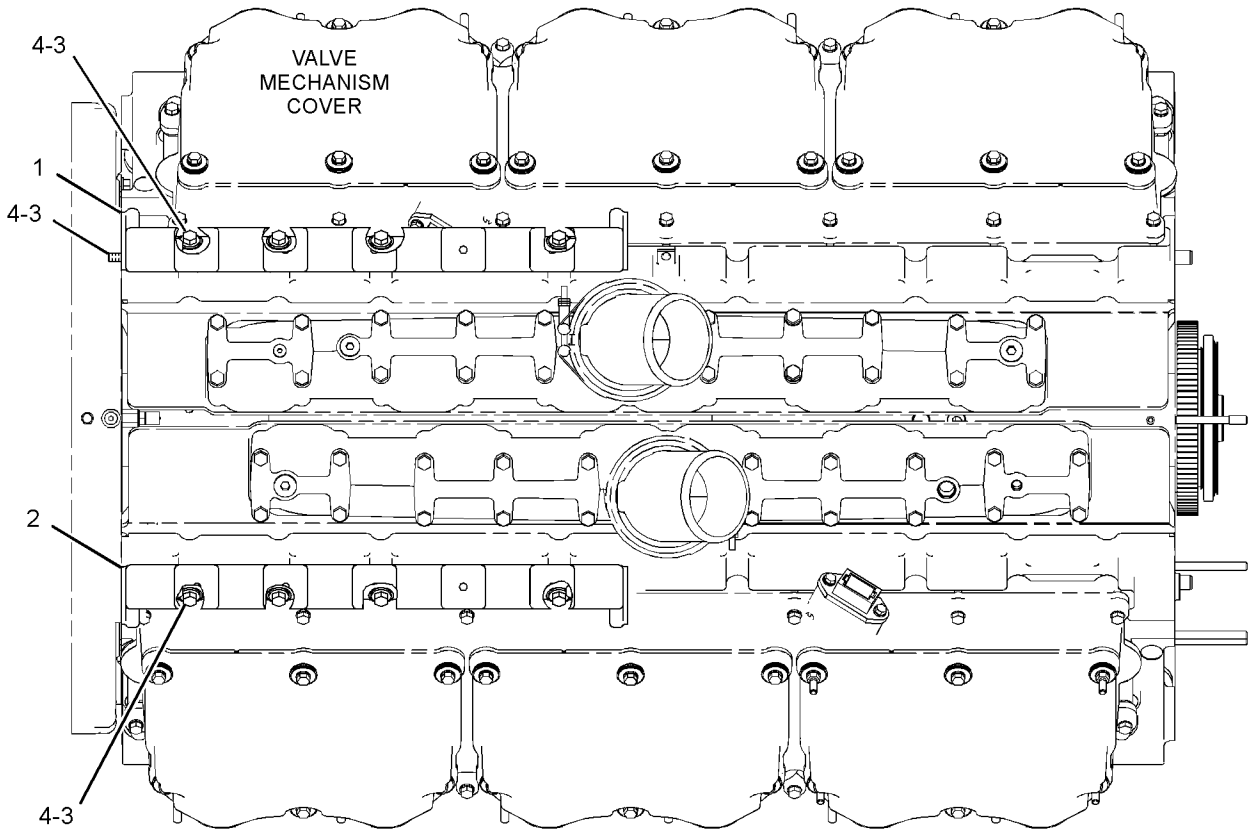
311-4119 SUPPORT GP-AFTERCOOLER

S/N: EHX1-UP

PART OF 217-5670, 271-8633, 360-3755 ENGINE AR-COMPLETE

SMCS-1063 **i02859727**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**219-6923**	1	BRACE	
	2	1	**224-3158**	1	BRACE	
	3	1	**3B-1915**	9	BOLT (3/8-16X1.375-IN)	
	4	1	**9X-6458**	9	WASHER-HARD (10.2X22.5X3-MM THK)	



TOP VIEW OF ENGINE

GRAPHIC #1 <END> g01426979

217-5689 TURBOCHARGER GP

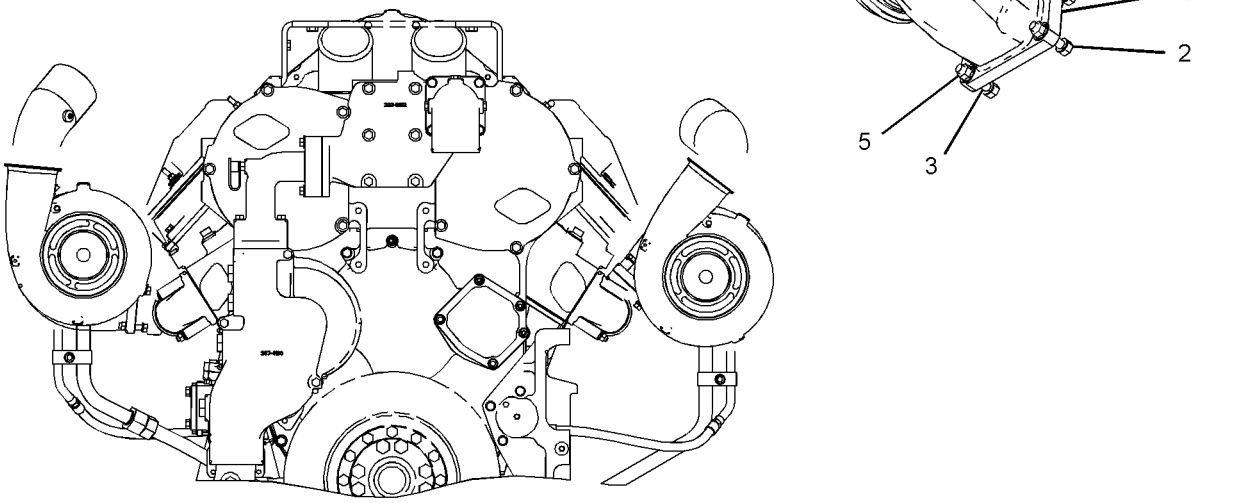
S/N: EHX1-UP

PART OF 231-3701, 262-9144, 350-5499 ENGINE AR-CORE

SMCS-1052, 1053 **i05666071**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1S-4295**	2	GASKET (TURBOCHARGER)	
	2	1	**2N-2765**	6	BOLT-HIGH TEMPERATURE (3/8-16X1.75-IN)	
	3	1	**114-9223**	2	SPACER (11.13X19.05X19-MM THK)	
YR	4	1	**236-7243**	2	TURBOCHARGER GP	254
	5	1	**2N-2766**	8	LOCKNUT (3/8-16-THD)	

R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION



FRONT VIEW

GRAPHIC #1 <END> g01051264

217-5689 TURBOCHARGER GP

S/N: EHX5531-UP

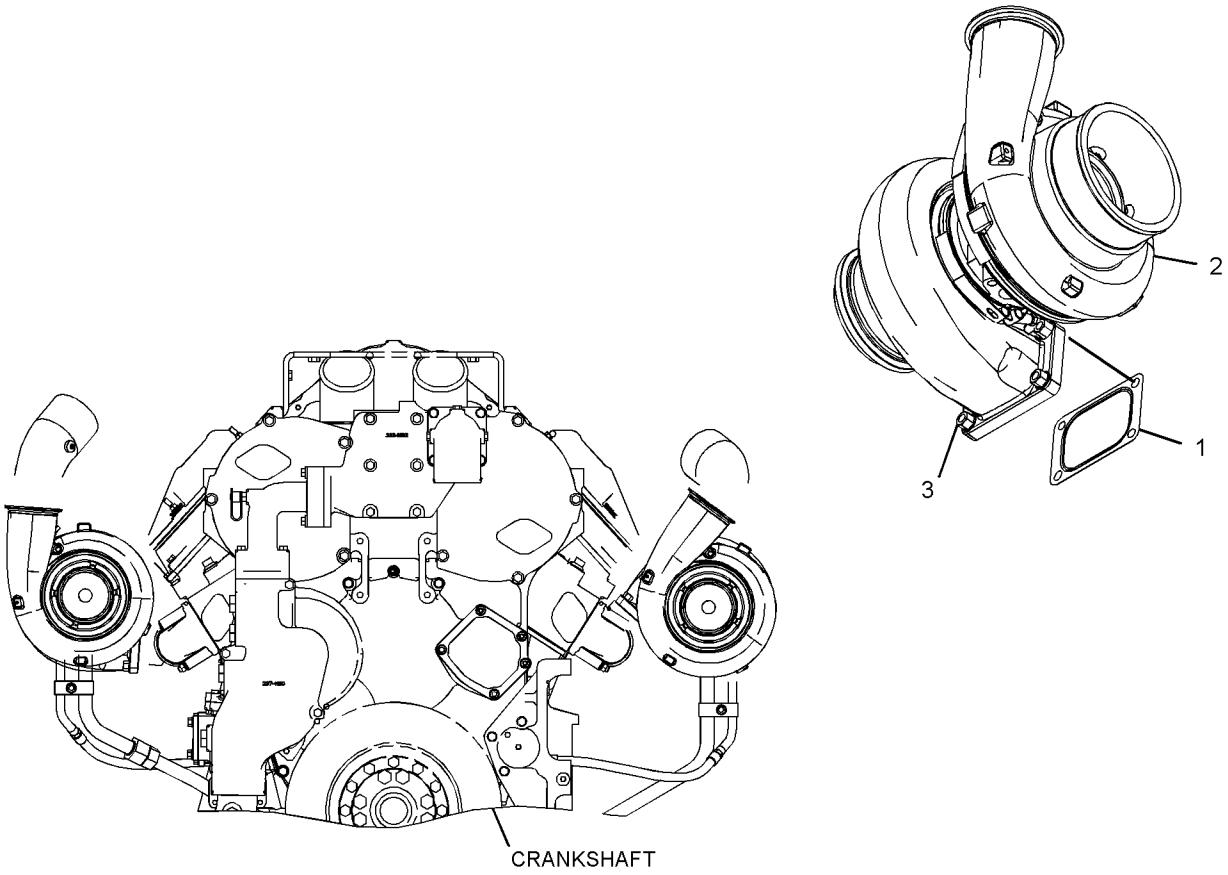
PART OF 350-5499 ENGINE AR-CORE

SMCS-1052, 1053

i05666109

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	**357-1752**	2	GASKET (TURBOCHARGER)	
YR	2	1	**236-7243**	2	TURBOCHARGER GP	254
C	3	1	**391-2167**	8	LOCKNUT-FLANGE (3/8X16-THD)	

C - CHANGE FROM PREVIOUS TYPE
R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION



FRONT VIEW OF ENGINE

GRAPHIC #1 <END> g03399448

236-7243 TURBOCHARGER GP*R

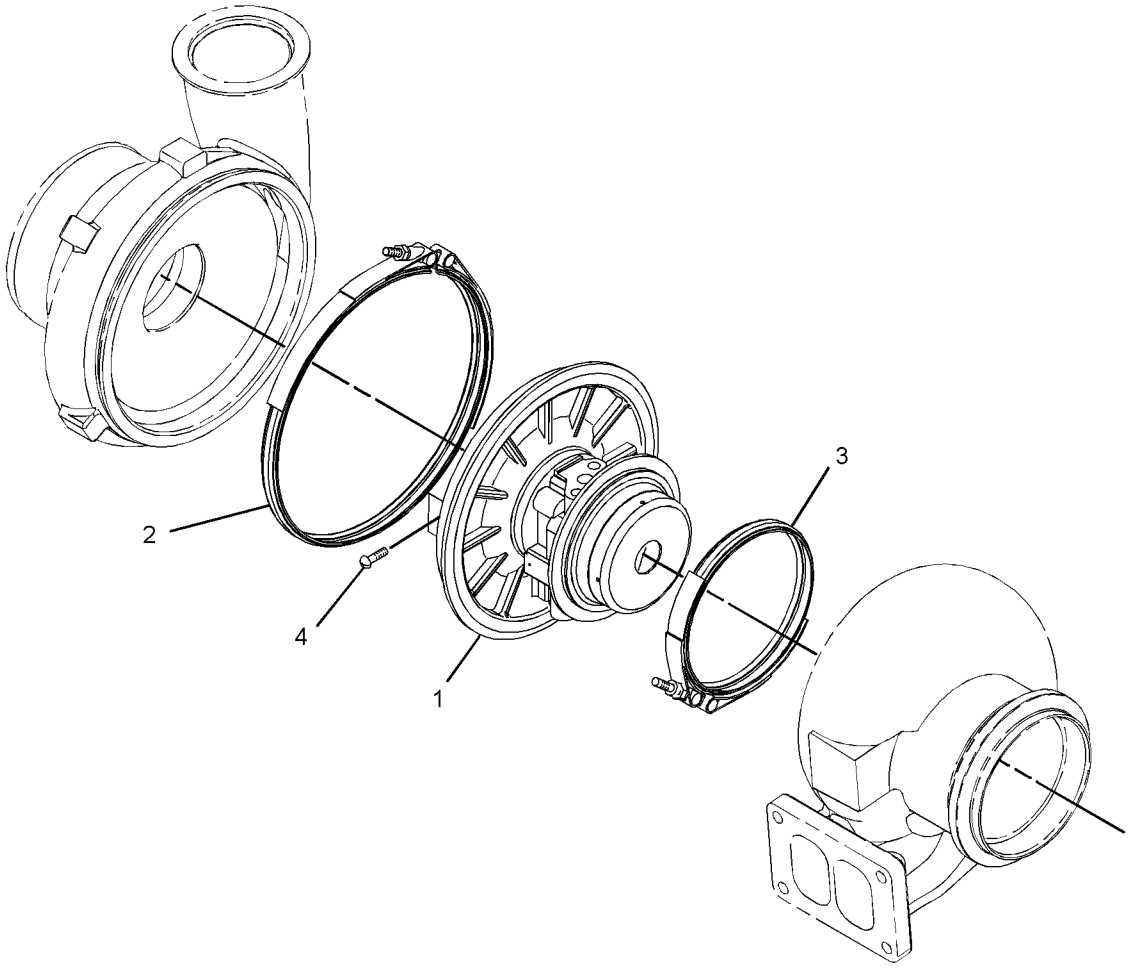
S/N: EHX1-UP

PART OF 217-5689 TURBOCHARGER GP

SMCS-1052, 1053 **i06264858**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
R	1	1	**257-8976**	1	CARTRIDGE GP-TURBOCHARGER	
M		1	**4P-3818**	3	BOLT (M4X0.7X10-MM)	
		1	**206-8868**	1	SEAL-RING	
		1	**211-2259**	2	RING-PISTON	
		1	**211-2260**	1	COLLAR-THRUST	
		1	**211-2261**	1	BEARING-THRUST	
		1	**211-2264**	1	RING-PISTON	
M		1	**156-6964**	4	BOLT (M8X1.25X30-MM)	
		1	**239-5894**	2	BEARING-JOURNAL	
		1	**461-3728**	3	RING-RETAINING	
		1	**461-3792**	3	WASHER (WEAR)	
	2	1	**7W-2297**	1	CLAMP AS (COMPRESSOR)	
	3	1	**9N-2038**	1	CLAMP AS-TURBINE	
	4	1	**2F-0808**	2	SCREW (6X0.25-IN)	

M - METRIC PART
R - REMANUFACTURED PART MAY BE AVAILABLE



GRAPHIC #1 <END> g01264894

221-9254 ADAPTER GP-FAST FILL FUEL

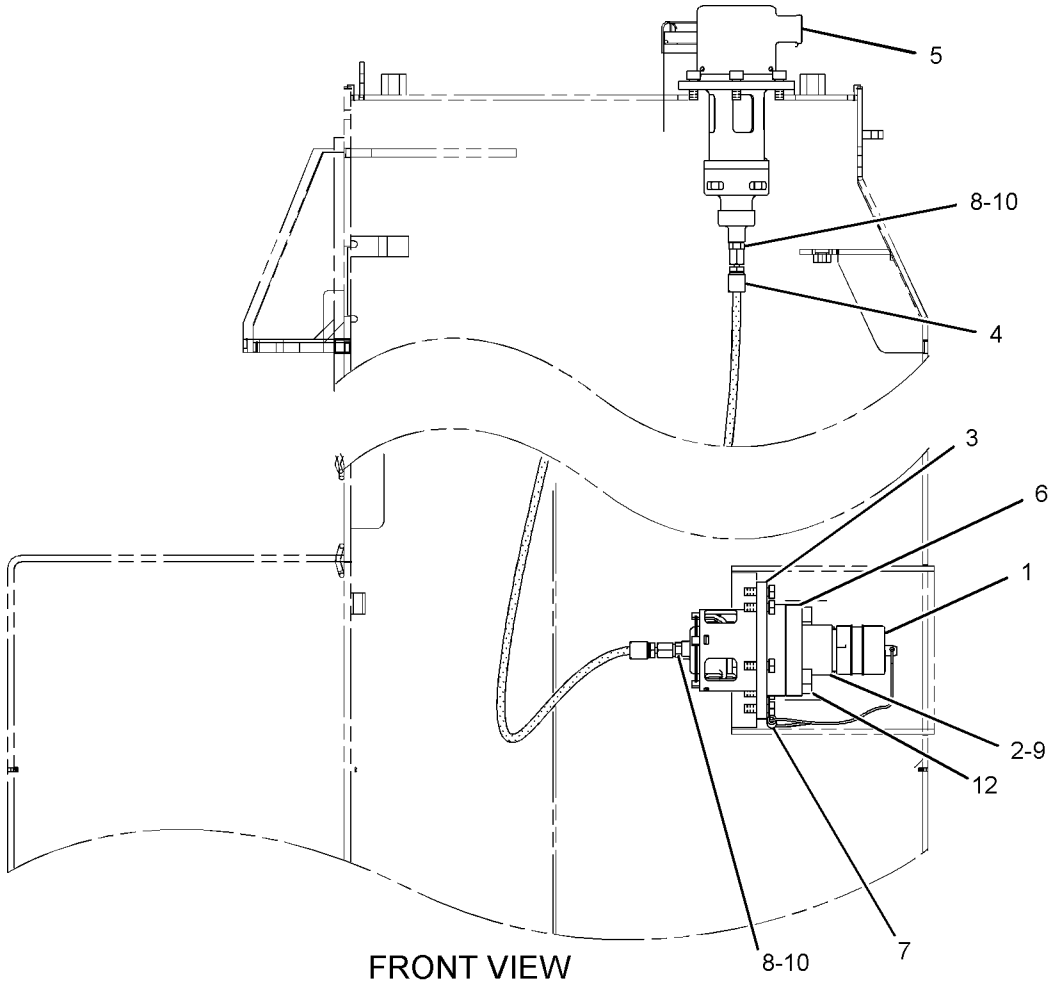
S/N: BTW1-233

PART OF 353-3994, 353-4274 OPTION AR-SERVICE

SMCS-1710 **i02420816**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9D-0630**	1	CAP-DUST	
	2	1	**232-1767**	1	RECEIVER AS (FAST FILL FUEL)	
	3	1	**221-7693**	1	VALVE (FAST FILL FUEL)	
	4	1	**221-9256**	1	HOSE AS	
	5	1	**223-4591**	1	VENT AS	
	6	1	**1P-4582**	2	FLANGE-HALF	
	7	1	**8M-2772**	1	CLIP (LOOP)	
	8	1	**1J-9671**	2	SEAL-O-RING	
	9	1	**4J-0527**	1	SEAL-O-RING	
	10	1	**5P-2618**	2	CONNECTOR	
M	12	1	**8T-0273**	4	BOLT-SOCKET HEAD (M12X1.75X40-MM)	

M - METRIC PART



GRAPHIC #1

<END>

g01086588

221-9254 ADAPTER GP-FAST FILL FUEL

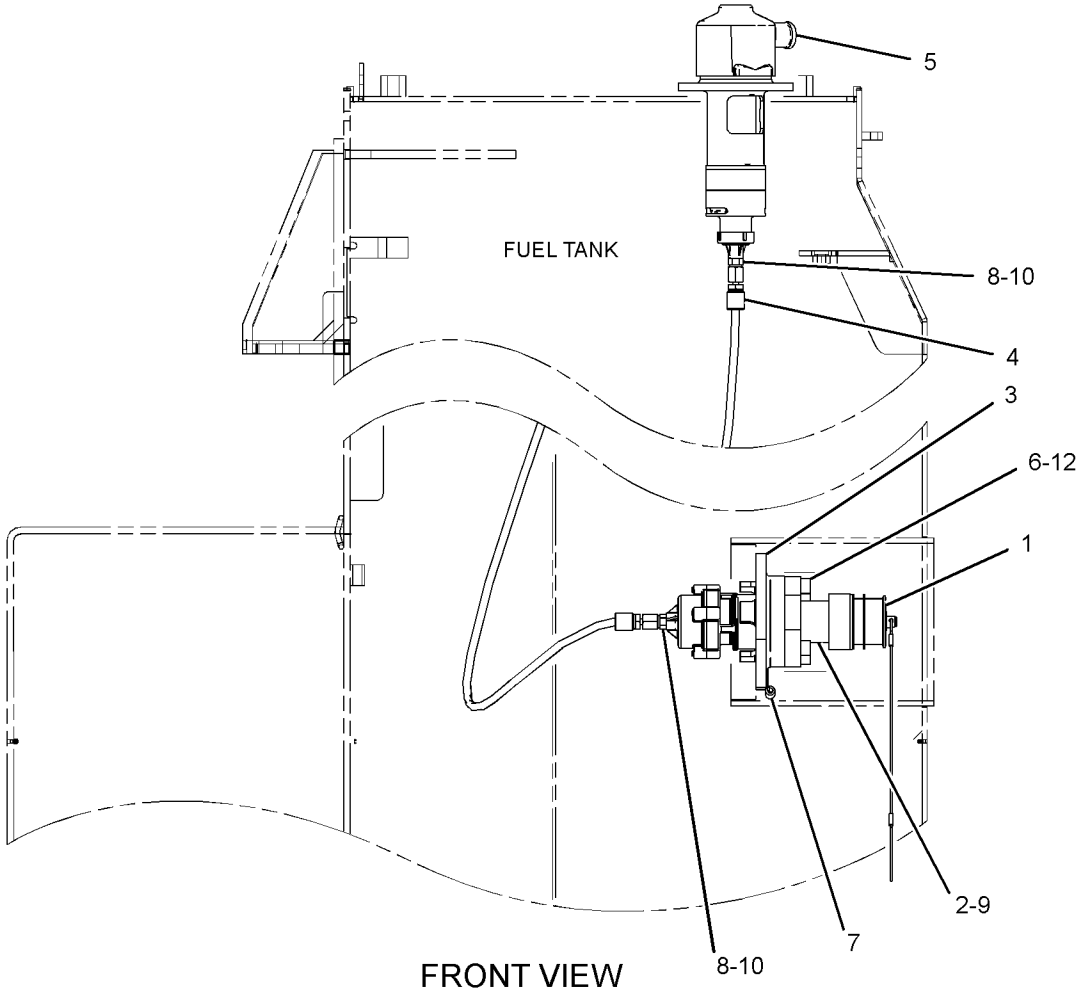
S/N: BTW234-UP

PART OF 353-3994, 353-4274 OPTION AR-SERVICE

SMCS-1710 **i05115250**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**388-4327**	1	CAP-DUST	
	2	1	**376-1308**	1	RECEIVER AS (FAST FILL FUEL)	
	3	1	**252-5806**	1	VALVE AS-SHUTOFF (FAST FILL FUEL)	
	4	1	**221-9256**	1	HOSE AS	
	5	1	**308-0415**	1	VENT AS (FAST FILL)	
	6	1	**1P-4582**	2	FLANGE-HALF	
	7	1	**8M-2772**	1	CLIP (LOOP)	
	8	1	**1J-9671**	2	SEAL-O-RING	
	9	1	**4J-0527**	1	SEAL-O-RING	
	10	1	**5P-2618**	2	CONNECTOR	
M	12	1	**170-8553**	4	BOLT-SOCKET HEAD (M12X1.75X40-MM)	

M - METRIC PART



GRAPHIC #1

<END>

g03284983

285-1202 ADAPTER GP-FAST FILL FUEL—RETROFIT KIT

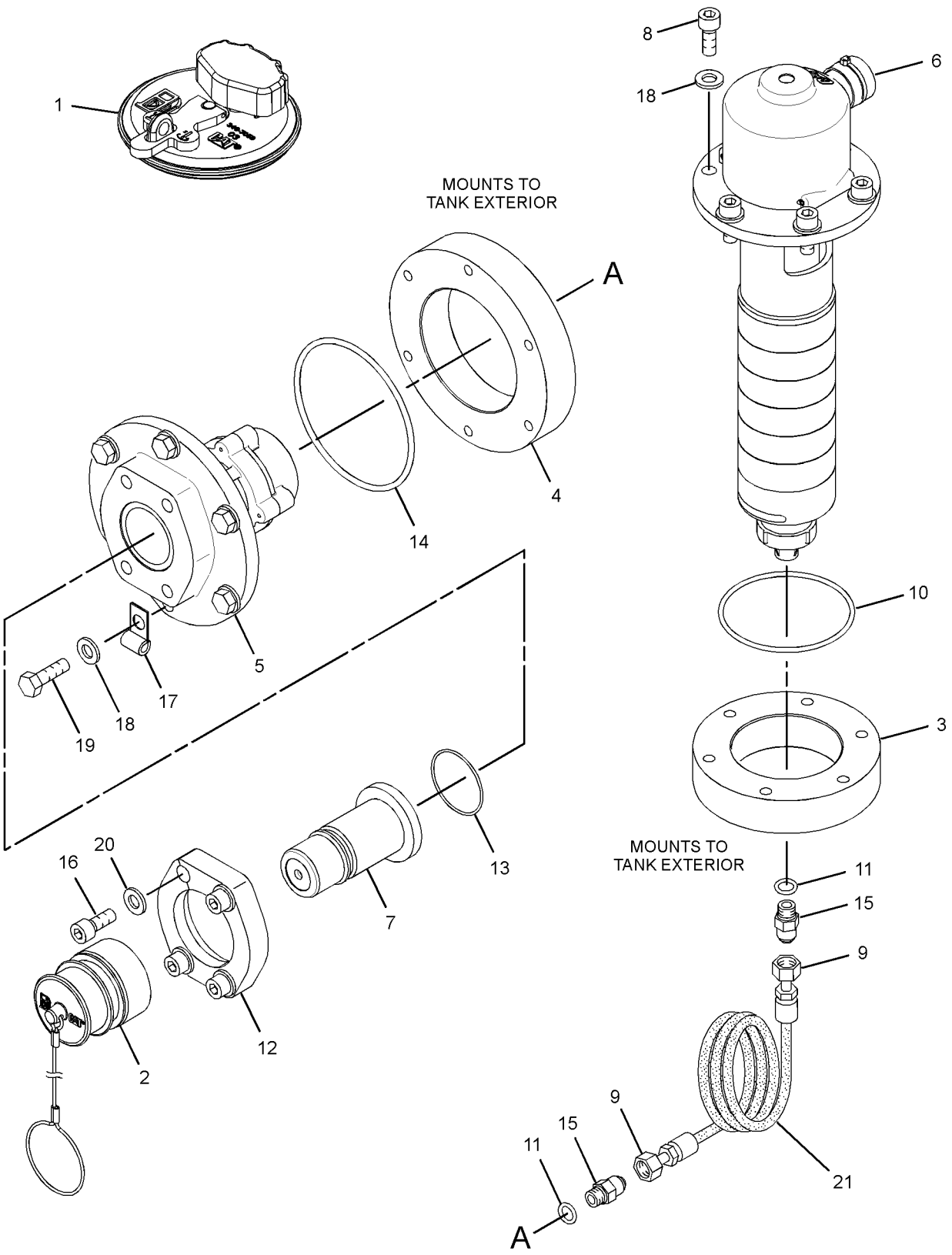
S/N: BTW1-UP

SMCS-1710 **i06272634**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**349-7059**	1	CAP AS-FUEL (LOCKABLE, VENTED)	
		1	**350-7735**	1	KIT-CAP FILTER (FUEL TANK)	
					(INCLUDES BODY, GASKET, SCREWS, & WASHERS)	
		1	**7D-7111**	1	SEAL-O-RING	
	2	1	**388-4327**	1	CAP-DUST	
	3	1	**221-5303**	1	PLATE	
	4	1	**221-5304**	1	PLATE	
	5	1	**252-5806**	1	VALVE AS-SHUTOFF (FAST FILL FUEL)	
	6	1	**317-3252**	1	VENT AS-FUEL TANK	
	7	1	**376-1308**	1	RECEIVER AS (FAST FILL FUEL)	
M	8	1	**105-3484**	6	BOLT-SOCKET HEAD (M10X1.5X25-MM)	
	9	1	**253-1371**	2	COUPLING AS-PERMANENT	
	10	1	**1H-8128**	1	SEAL-O-RING	
	11	1	**1J-9671**	2	SEAL-O-RING	
	12	1	**1P-4582**	2	FLANGE-HALF	
	13	1	**4J-0527**	1	SEAL-O-RING	
	14	1	**5H-6734**	1	SEAL-O-RING	
	15	1	**5P-2618**	2	CONNECTOR	
M	16	1	**6V-8200**	4	BOLT-SOCKET HEAD (M12X1.75X35-MM)	
	17	1	**8M-2772**	1	CLIP (LOOP)	
	18	1	**8T-4121**	12	WASHER-HARD (11X21X2.5-MM THK)	
M	19	1	**8T-4136**	6	BOLT (M10X1.5X25-MM)	
	20	1	**8T-4223**	4	WASHER-HARD (13.5X25.5X3-MM THK)	
E	21	1	**224-7696**		HOSE (183-CM)	

E - ORDER BY THE CENTIMETER
M - METRIC PART

285-1202 **ADAPTER GP-FAST FILL FUEL (**contd.**)** **i06272634**



GRAPHIC #1 <END> g03346555

238-8388 DRAIN GP-FUEL

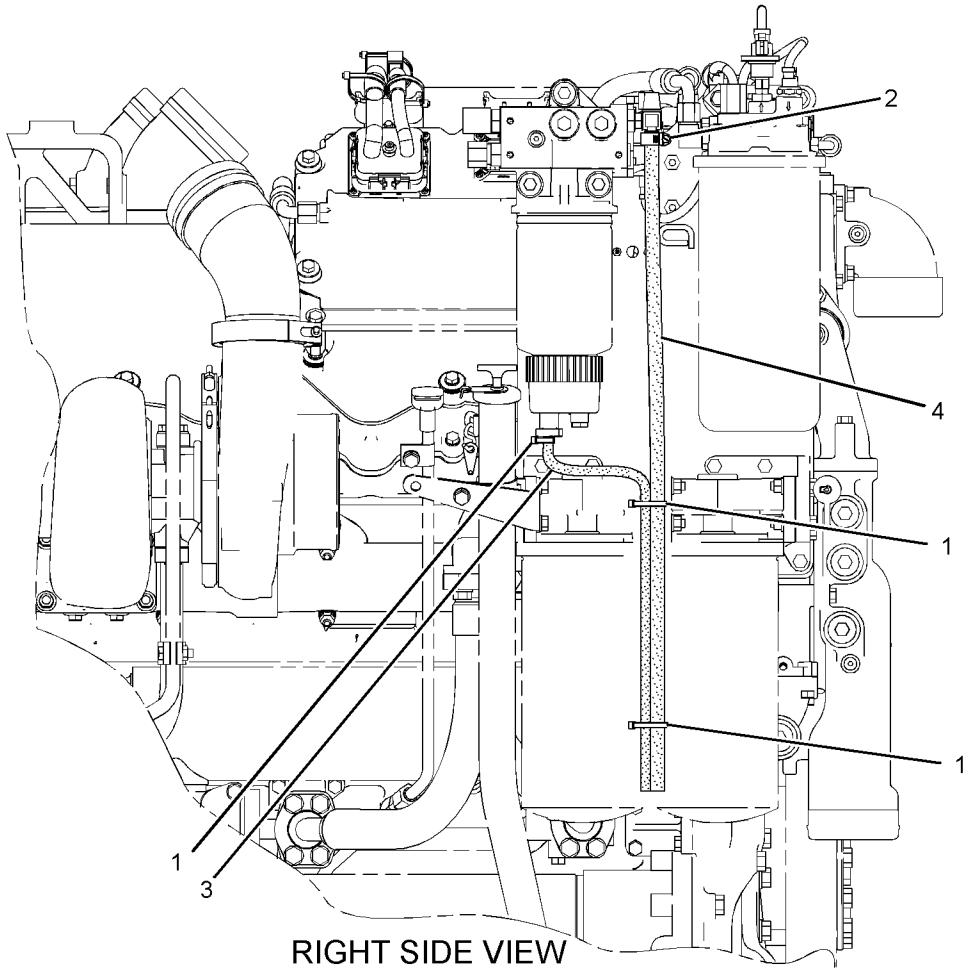
S/N: BTW1-UP

PART OF 217-5671 INSTALLATION AR-ENGINE

SMCS-1274 **i02337174**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3S-2093**	3	STRAP-CABLE	
	2	1	**5P-4961**	1	CLAMP-HOSE	
E	3	1	**8C-6959**		HOSE (50.9-CM)	
E	4	1	**103-2529**		HOSE (78.5-CM)	

E - ORDER BY THE CENTIMETER



RIGHT SIDE VIEW
(OF ENGINE)

GRAPHIC #1 <END> g01166464

174-9570 FILTER GP-WATER SEP & FUEL–PRIMARY

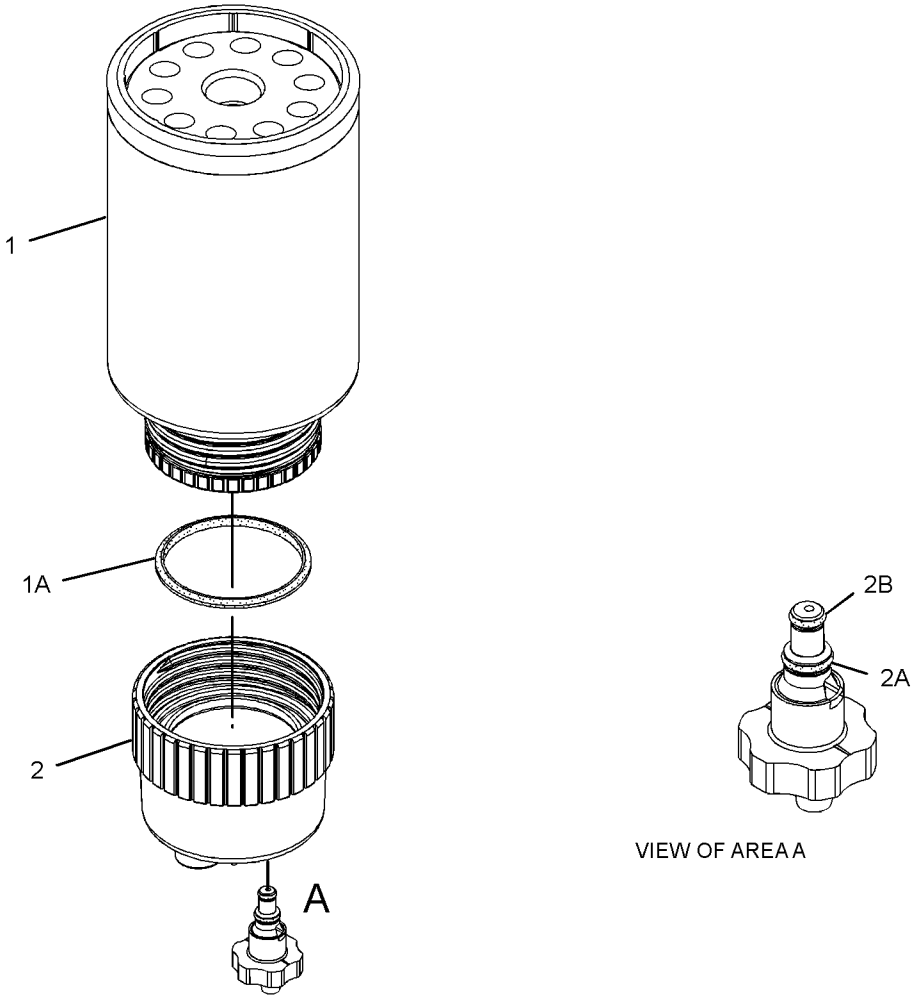
S/N: EHX1-UP

PART OF 190-8977, 252-1363 PUMP GP-FUEL PRM & WATER SEP

SMCS-1260, 1261, 1263

i06692040

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**326-1644**	1	FILTER AS-WATER SEP & FUEL (PRIMARY)	
	1A	1	**220-8678**	1	SEAL-RING (FUEL, WATER SEPARATOR)	
	2	1	**343-5527**	1	BOWL AS	
	2A	1	**5F-9144**	1	SEAL-O-RING	
	2B	1	**8F-7219**	1	SEAL-O-RING	



GRAPHIC #1

<END>

g06078297

241-0145 HEATER GP-FUEL-COOLANT

S/N: BTW1-155

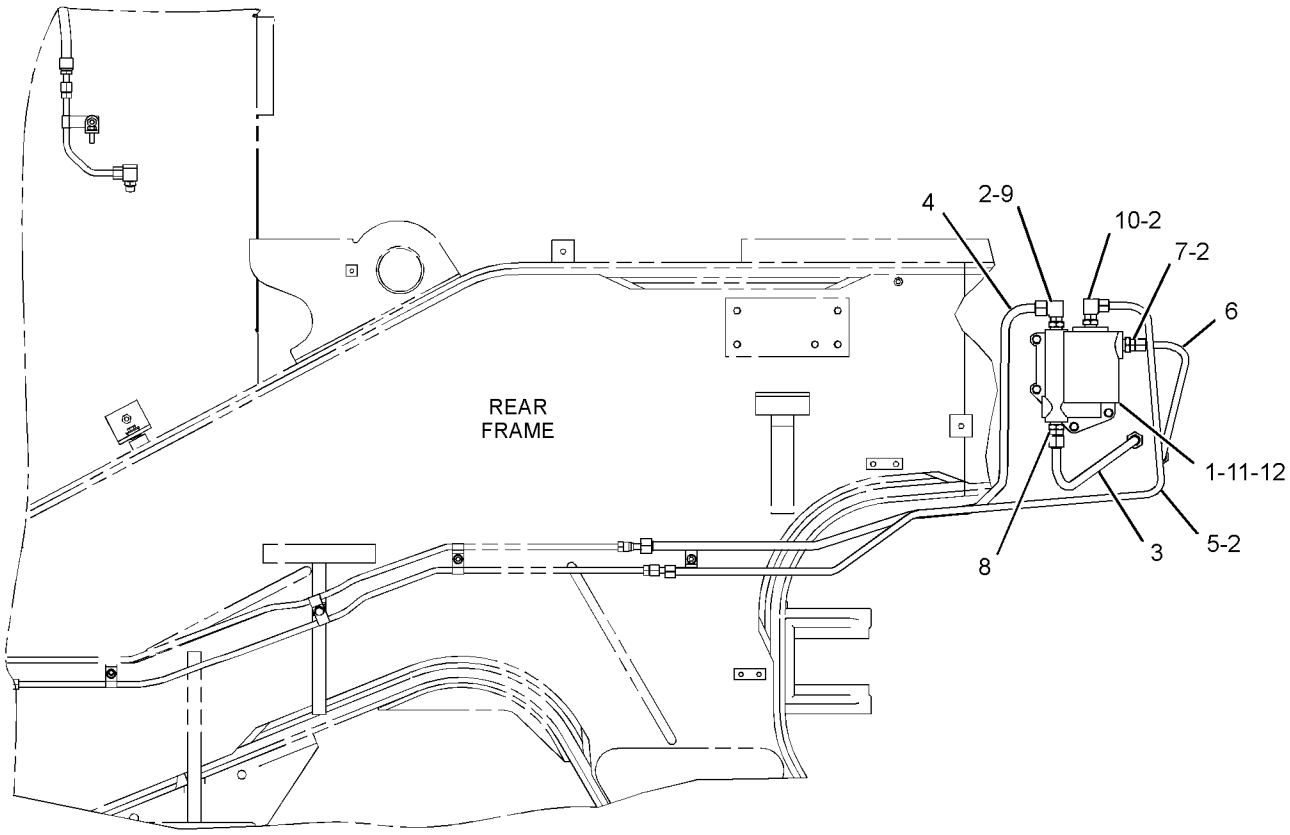
PART OF 353-4054, 353-4064 OPTION AR-COLD WEATHER

SMCS-1296 **i02427404**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7W-5300**	1	HEATER AS-FUEL	
		1	**138-1240**	1	KIT-ADAPTER (FUEL HEATER)	
	2	1	**8C-6524**	4	ADAPTER	
	3	1	**284-3102**	1	TUBE AS	
	4	1	**284-3103**	1	TUBE AS	
	5	1	**284-3104**	1	TUBE AS	
	6	1	**284-3105**	1	TUBE AS	
	7	1	*148-8315*	1	CONNECTOR AS	
		1	**2M-9780**	1	SEAL-O-RING	
		1	**6V-8642**	1	CONNECTOR	
		1	**7J-9108**	1	SEAL-O-RING	
	8	1	*148-8327*	1	CONNECTOR AS	
		1	**3D-2824**	1	SEAL-O-RING	
		1	**6V-8637**	1	CONNECTOR	
		1	**6V-9746**	1	SEAL-O-RING	
	9	1	*148-8388*	1	ELBOW AS	
		1	**2M-9780**	1	SEAL-O-RING	
		1	**6V-8629**	1	ELBOW	
		1	**6V-9746**	1	SEAL-O-RING	
	10	1	*148-8390*	1	ELBOW AS	
		1	**2M-9780**	1	SEAL-O-RING	
		1	**6V-8626**	1	ELBOW	
		1	**7J-9108**	1	SEAL-O-RING	
	11	1	**8T-4121**	4	WASHER-HARD (11X21X2.5-MM THK)	
M	12	1	**8T-4182**	4	BOLT (M10X1.5X45-MM)	

M - METRIC PART

241-0145 **HEATER GP-FUEL-COOLANT (**contd.**)** **i02427404**



RIGHT SIDE VIEW

GRAPHIC #1 <END> g01214546

241-0145 HEATER GP-FUEL-COOLANT

S/N: BTW156-157

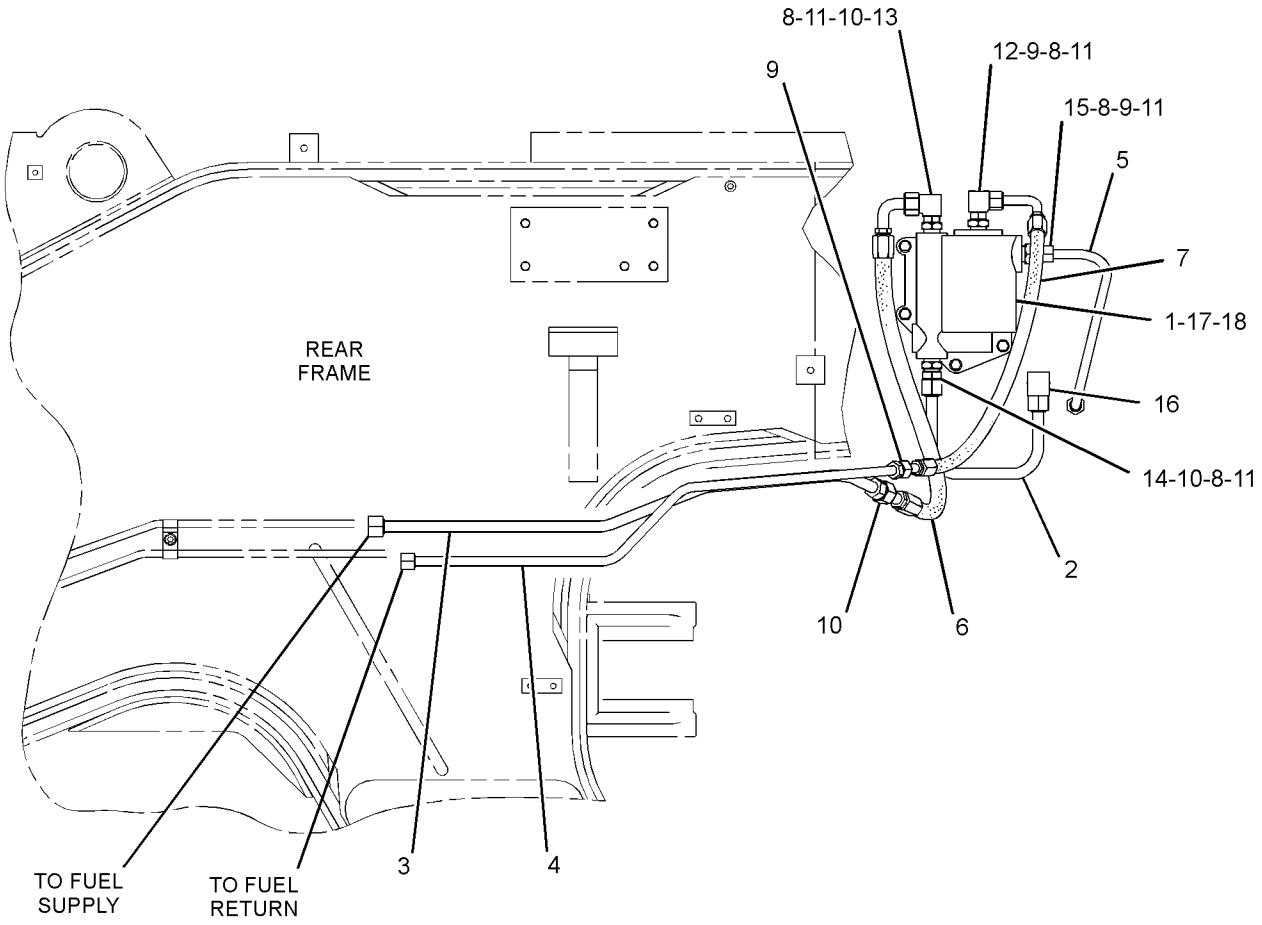
PART OF 353-4054, 353-4064 OPTION AR-COLD WEATHER

SMCS-1296 **i02655680**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7W-5300**	1	HEATER AS-FUEL	
		1	**138-1240**	1	KIT-ADAPTER (FUEL HEATER)	
	2	1	**284-3102**	1	TUBE AS	
	3	1	**284-3103**	1	TUBE AS	
	4	1	**284-3104**	1	TUBE AS	
	5	1	**284-3105**	1	TUBE AS	
CI	6	1	**287-2530**	1	HOSE AS	
CI	7	1	**287-2531**	1	HOSE AS	
C	8	1	**141-7280**	4	ADAPTER	
C	9	1	**228-7091**	3	SEAL-O-RING	
C	10	1	**228-7092**	3	SEAL-O-RING	
C	11	1	**238-5081**	4	SEAL-O-RING	
C	12	1	**6V-8626**	1	ELBOW	
C	13	1	**6V-8629**	1	ELBOW	
C	14	1	**6V-8640**	1	CONNECTOR	
C	15	1	**6V-8642**	1	CONNECTOR	
C	16	1	**6V-9007**	1	ELBOW	
	17	1	**8T-4121**	4	WASHER-HARD (11X21X2.5-MM THK)	
M	18	1	**8T-4182**	4	BOLT (M10X1.5X45-MM)	

C - CHANGE FROM PREVIOUS TYPE
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART

241-0145 **HEATER GP-FUEL-COOLANT (**contd.**)** **i02655680**



RIGHT SIDE VIEW

GRAPHIC #1 <END> g01338447

241-0145 HEATER GP-FUEL-COOLANT

S/N: BTW158-UP

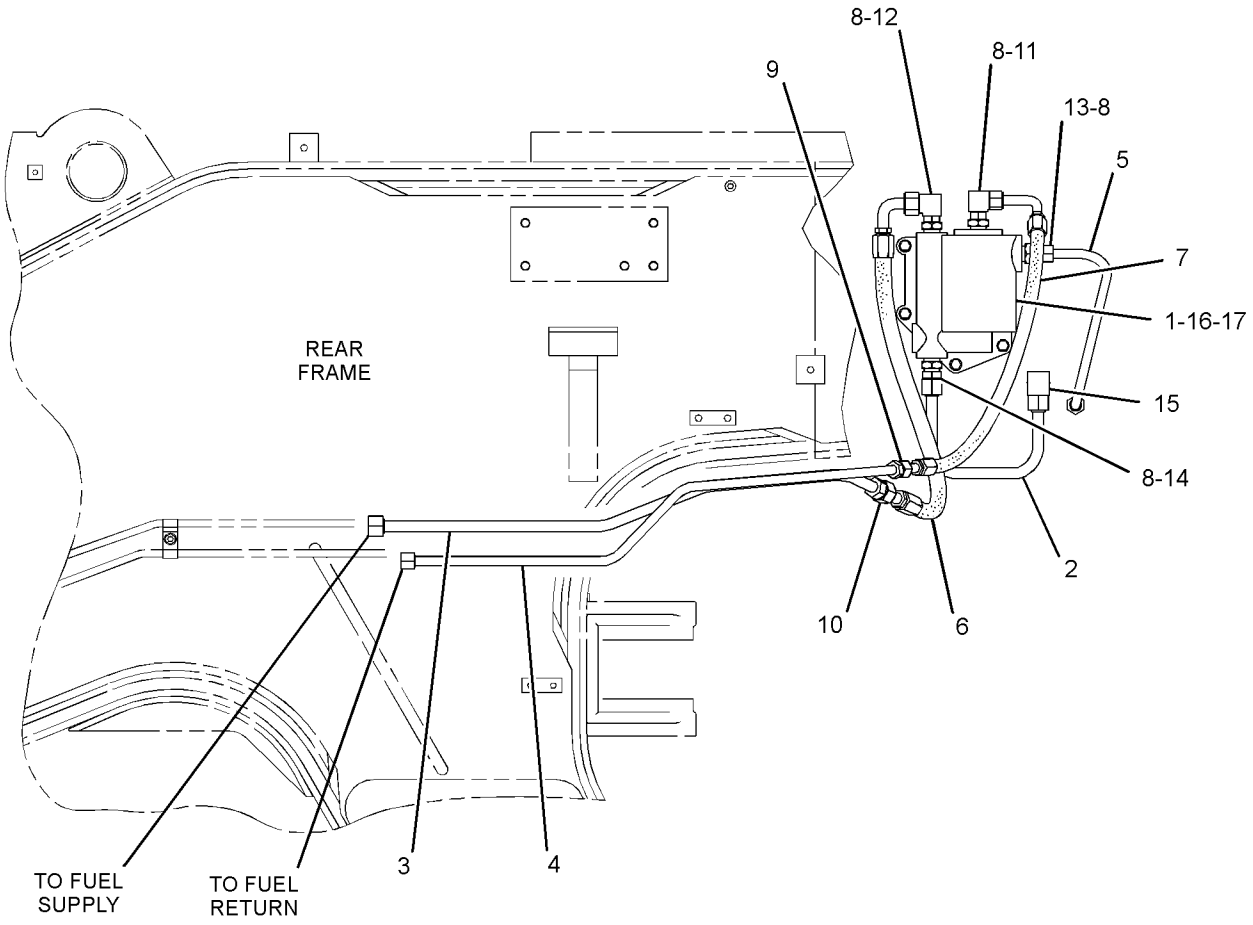
PART OF 353-4054, 353-4064 OPTION AR-COLD WEATHER

SMCS-1296 **i02655685**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7W-5300**	1	HEATER AS-FUEL	
		1	**138-1240**	1	KIT-ADAPTER (FUEL HEATER)	
	2	1	**284-3102**	1	TUBE AS	
	3	1	**284-3103**	1	TUBE AS	
	4	1	**284-3104**	1	TUBE AS	
	5	1	**284-3105**	1	TUBE AS	
I	6	1	**287-2530**	1	HOSE AS	
I	7	1	**287-2531**	1	HOSE AS	
	8	1	**141-7280**	4	ADAPTER	
C	9	1	**228-7091**	1	SEAL-O-RING	
C	10	1	**228-7092**	1	SEAL-O-RING	
C	11	1	*281-5975*	1	ELBOW AS	
		1	**6V-8626**	1	ELBOW	
		1	**228-7091**	1	SEAL-O-RING	
		1	**238-5081**	1	SEAL-O-RING	
C	12	1	*281-5976*	1	ELBOW AS	
		1	**6V-8629**	1	ELBOW	
		1	**228-7092**	1	SEAL-O-RING	
		1	**238-5081**	1	SEAL-O-RING	
C	13	1	*281-5977*	1	CONNECTOR AS	
		1	**6V-8642**	1	CONNECTOR	
		1	**228-7091**	1	SEAL-O-RING	
		1	**238-5081**	1	SEAL-O-RING	
C	14	1	*281-5978*	1	CONNECTOR AS	
		1	**6V-8640**	1	CONNECTOR	
		1	**228-7092**	1	SEAL-O-RING	
		1	**238-5081**	1	SEAL-O-RING	
C	15	1	*281-5979*	1	ELBOW AS	
		1	**6V-9007**	1	ELBOW	
		1	**228-7092**	1	SEAL-O-RING	
		1	**238-5082**	1	SEAL-O-RING	
	16	1	**8T-4121**	4	WASHER-HARD (11X21X2.5-MM THK)	
M	17	1	**8T-4182**	4	BOLT (M10X1.5X45-MM)	

C - CHANGE FROM PREVIOUS TYPE
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART

241-0145 **HEATER GP-FUEL-COOLANT (**contd.**)** **i02655685**



RIGHT SIDE VIEW

GRAPHIC #1 <END> g01338443

374-0751 INJECTOR GP-FUEL*R

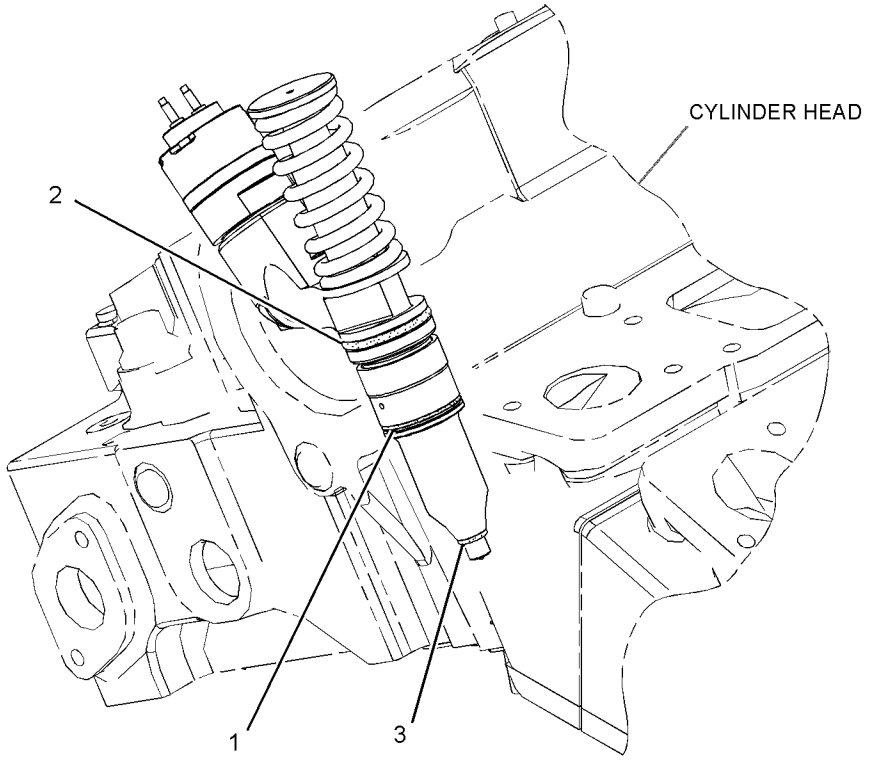
S/N: EHX1-UP

PART OF 238-0489 PUMP GP-FUEL INJECTION

SMCS-1251, 1254, 1290, 1713

i04998567

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**230-3728**	1	SEAL-O-RING	
	2	1	**230-3775**	1	SEAL-O-RING	
	3	1	**9X-7317**	1	SEAL-O-RING	



GRAPHIC #1

<END>

g03177588

234-4914 LINES GP-FUEL

S/N: BTW1-157

PART OF 230-3275 CHASSIS AR

SMCS-1274 **i02732846**

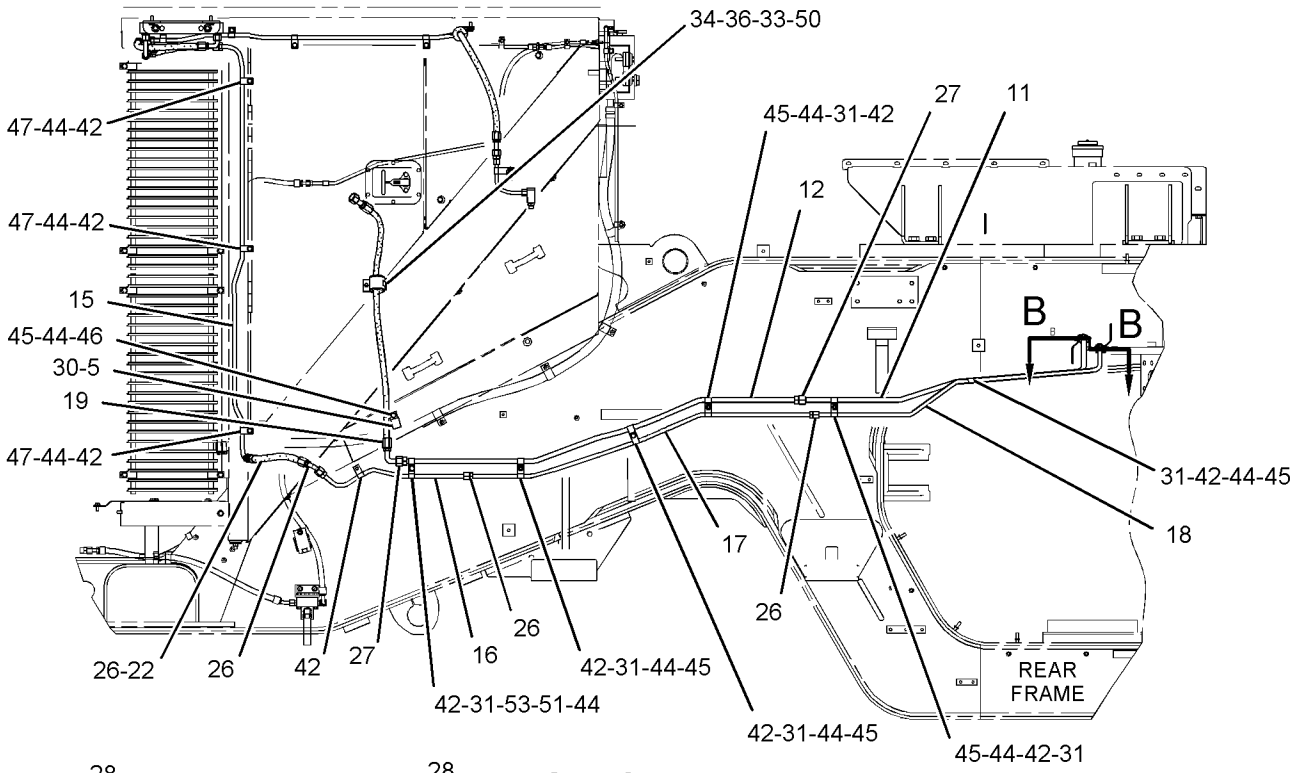
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**6N-8744**	4	MOUNT	
	2	1	**6V-8358**	2	VALVE-BALL (MANUAL SHUTOFF)	
	3	2	**7X-0632**	4	WASHER-HARD (11X36X6-MM THK)	
I	4	2	**8W-5728**	1	HOSE AS	
	5	1	**067-3045**	1	CLIP	
	6	2	**122-5855**	2	SPACER (11.5X20X26-MM THK)	
	7	1	**238-5080**	1	SEAL-O-RING	
	8	1	**238-5082**	4	SEAL-O-RING	
	9	2	**271-0277**	1	CORE AS-FUEL COOLER	
	10	2	**274-7240**	2	BRACKET	
	11	1	**284-0470**	1	TUBE AS	
	12	1	**284-0471**	1	TUBE AS	
	13	1	**284-0472**	1	TUBE AS	
	14	2	**284-0473**	1	TUBE AS	
	15	1	**284-0474**	1	TUBE AS	
	16	1	**284-0475**	1	TUBE AS	
	17	1	**284-0476**	1	TUBE AS	
	18	1	**284-0477**	1	TUBE AS	
I	19	1	**286-5658**	1	HOSE AS	
I	20	2	**284-0480**	1	HOSE AS	
I	21	2	**284-0481**	1	HOSE AS	
I	22	1	**286-3596**	1	HOSE AS	
	23	1	**160-8708**	1	BRACKET AS	
	24	1	**198-4777**	2	WASHER-HARD (11X25X10-MM THK)	
	25	1	**228-7090**	2	SEAL-O-RING	
	26	1,2	**228-7091**	11	SEAL-O-RING	
	27	1	**228-7092**	4	SEAL-O-RING	
	28	1	**238-5081**	2	SEAL-O-RING	
	29	2	**4B-9302**	1	CLIP	
	30	1	**4D-7388**	1	CLIP	
	31	1	**5K-9660**	6	CLIP	
	32	1	**5P-1042**	2	ADAPTER-O-RING	
	33	1,2	**5P-7468**	3	CLIP (SLOT)	
	34	1,2	**5P-7469**	3	CLIP (TAB)	
	35	2	**6D-4244**	2	CLIP	
	36	1	**6V-4349**	1	GROMMET	
	37	1	**6V-7383**	1	CLIP	
	38	1	**6V-8637**	1	CONNECTOR	
	39	1	**6V-8713**	1	CONNECTOR	
	40	1	**6V-8738**	1	UNION	
	41	2	**7X-7729**	8	WASHER (11X25X3-MM THK)	
	42	1,2	**8F-8513**	13	CLIP	
	43	1	**8T-1686**	1	ADAPTER-ELBOW	
	44	1,2	**8T-4121**	23	WASHER-HARD (11X21X2.5-MM THK)	
M	45	1,2	**8T-4133**	6	NUT (M10X1.5-THD)	
M	46	1	**8T-4136**	1	BOLT (M10X1.5X25-MM)	
M	47	1,2	**8T-4137**	6	BOLT (M10X1.5X20-MM)	
M	48	2	**8T-4185**	2	BOLT (M10X1.5X50-MM)	

234-4914 **LINES GP-FUEL (**contd.**)** **i02732846**

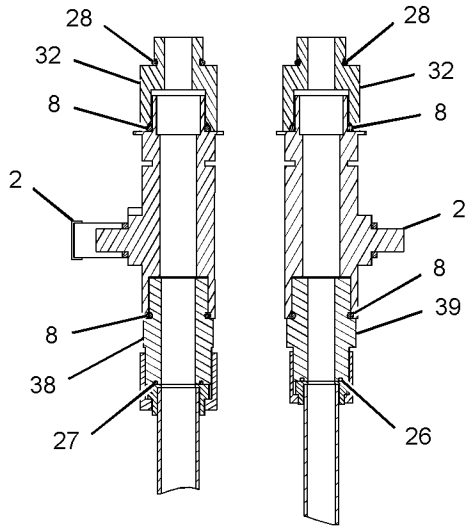
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	49	2	**8T-4186**	4	BOLT (M10X1.5X40-MM)	
	50	1	**0S-1588**	1	BOLT (3/8-16X1.25-IN)	
M	51	1,2	**8T-4195**	14	BOLT (M10X1.5X30-MM)	
	52	2	**8T-4222**	4	WASHER-PLATED (11X32X2.5-MM THK)	
	53	1	**3E-4353**	1	WASHER-HARD (11X25X3-MM THK)	
	54	2	**8T-9518**	2	GROMMET (24-MM ID)	

I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART

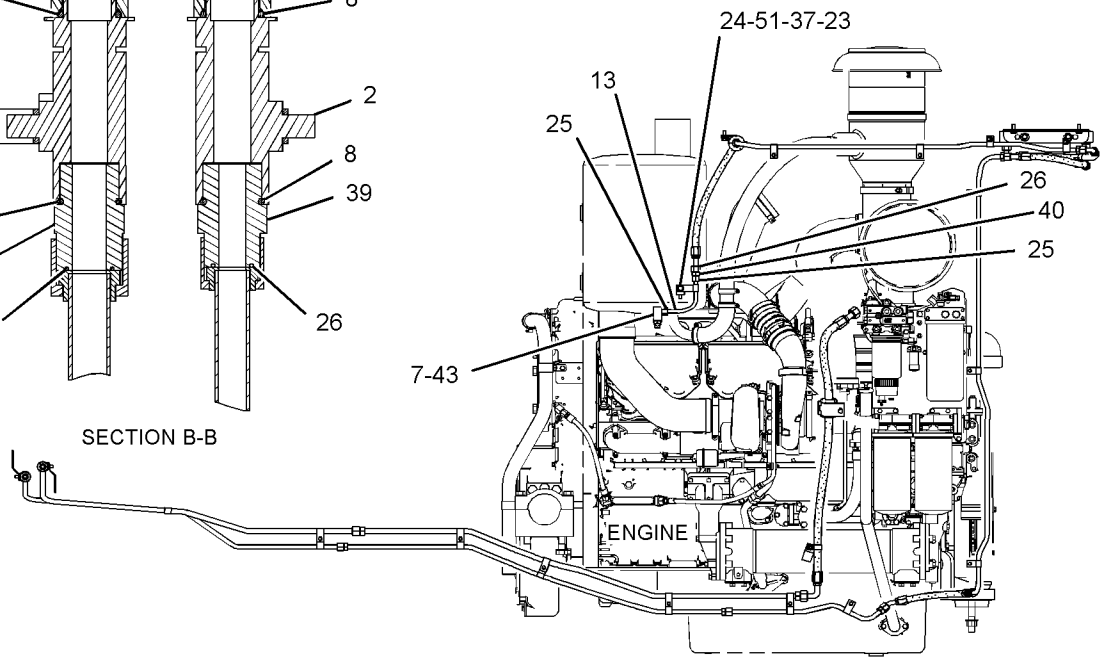
234-4914 **LINES GP-FUEL (**contd.**)** **i02732846**



RIGHT SIDE VIEW



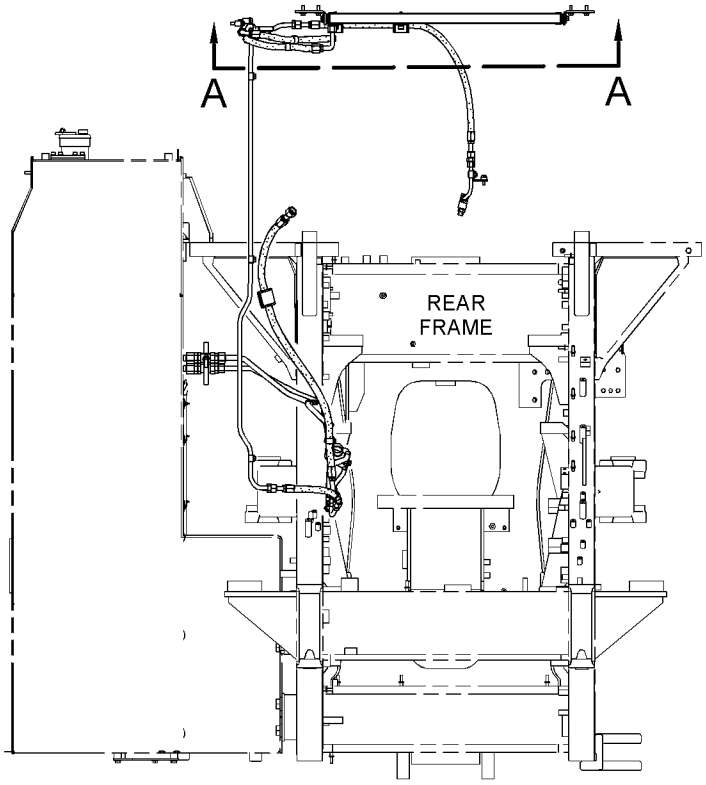
SECTION B-B



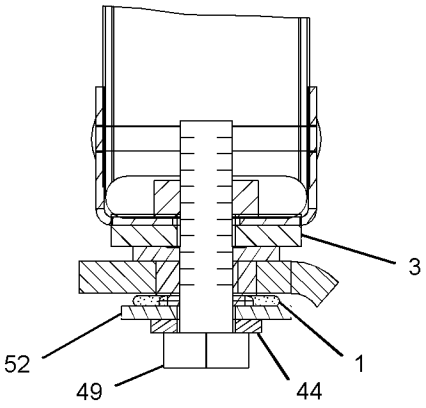
LEFT SIDE VIEW

GRAPHIC #1 g01379475

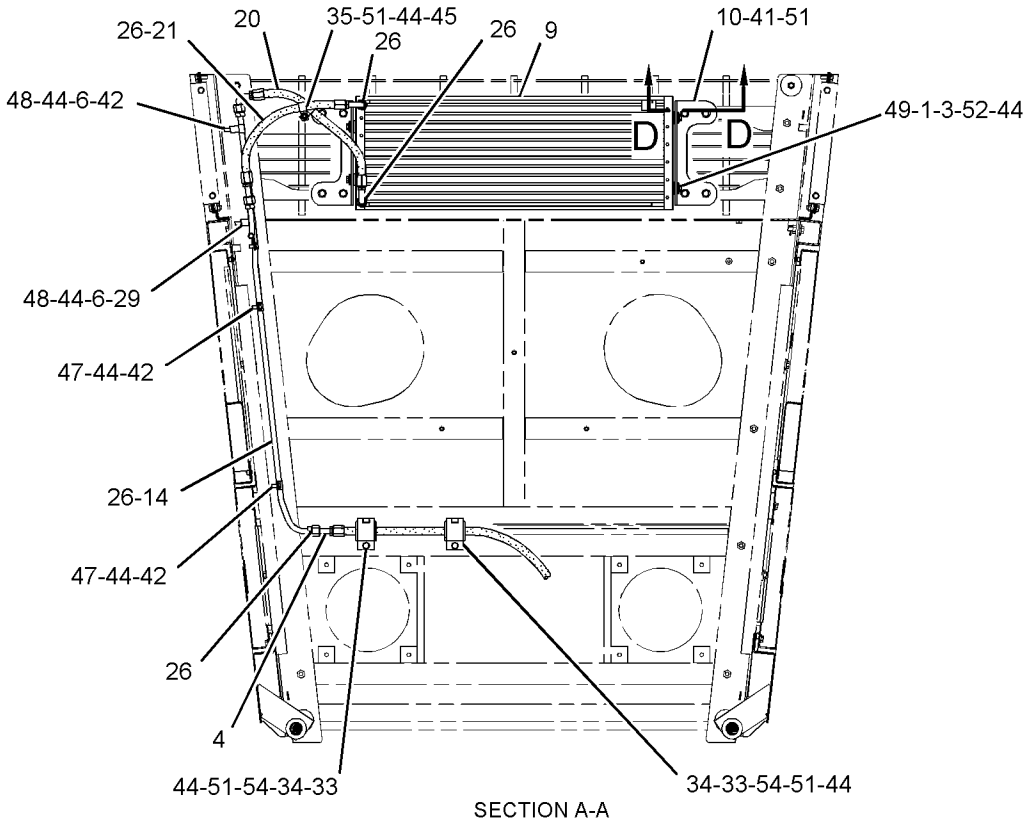
234-4914 **LINES GP-FUEL (**contd.**)** **i02732846**



REAR VIEW



SECTION D-D



SECTION A-A

GRAPHIC #2 <END> g01379476

234-4914 LINES GP-FUEL

S/N: BTW158-171

PART OF 230-3275 CHASSIS AR

SMCS-1274 **i02610463**

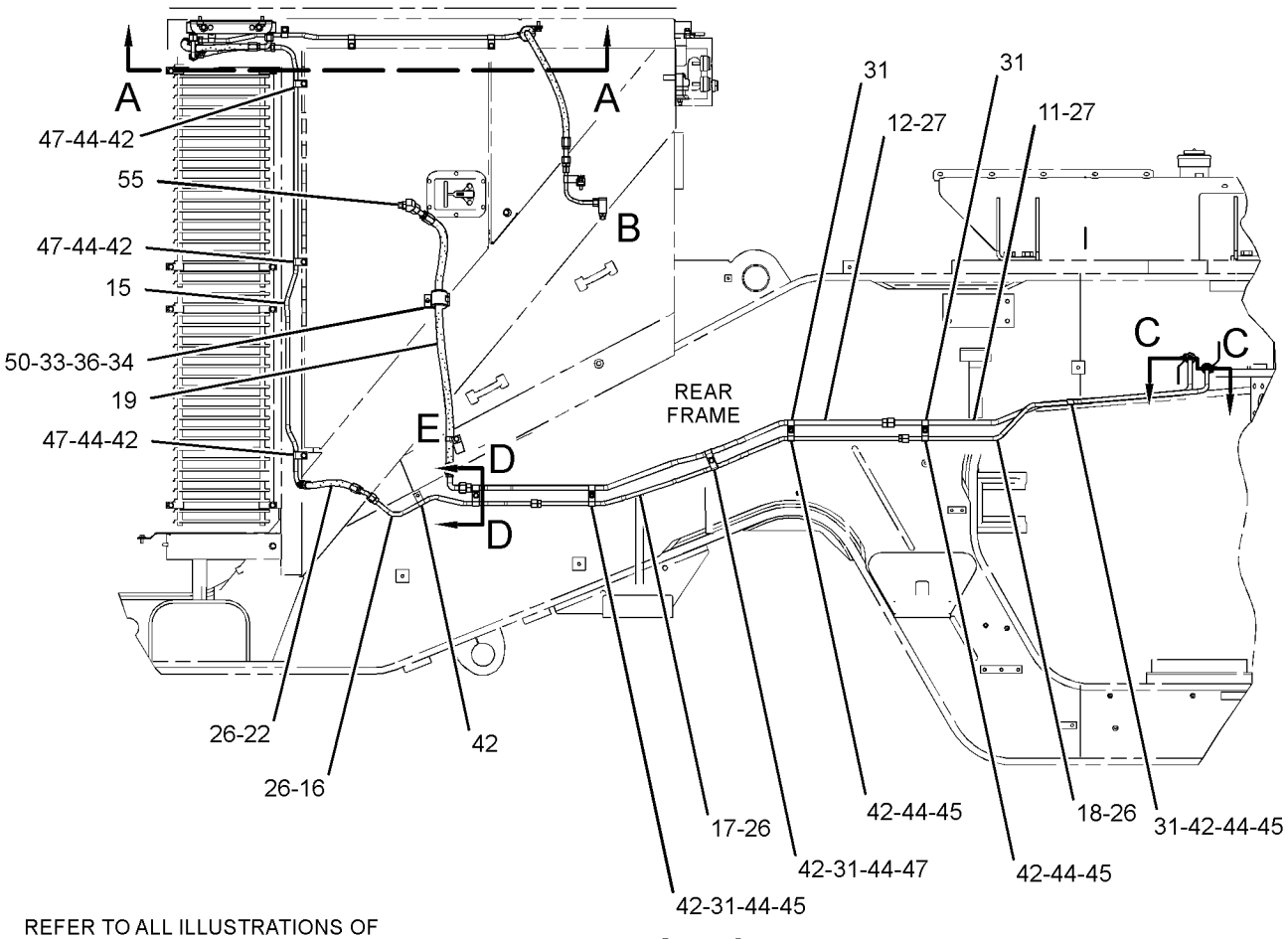
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**6N-8744**	4	MOUNT	
	2	2	**6V-8358**	2	VALVE-BALL (MANUAL SHUTOFF)	
	3	2	**7X-0632**	4	WASHER-HARD (11X36X6-MM THK)	
I	4	2	**8W-5728**	1	HOSE AS	
	5	2	**067-3045**	1	CLIP	
	6	2	**122-5855**	2	SPACER (11.5X20X26-MM THK)	
	9	2	**271-0277**	1	CORE AS-FUEL COOLER	
C	10	2	**290-6008**	2	BRACKET	
	11	1	**284-0470**	1	TUBE AS	
	12	1	**284-0471**	1	TUBE AS	
	13	2	**284-0472**	1	TUBE AS	
	14	2	**284-0473**	1	TUBE AS	
	15	1	**284-0474**	1	TUBE AS	
	16	1	**284-0475**	1	TUBE AS	
	17	1	**284-0476**	1	TUBE AS	
	18	1	**284-0477**	1	TUBE AS	
I	19	1	**286-5658**	1	HOSE AS	
I	20	2	**284-0480**	1	HOSE AS	
I	21	2	**284-0481**	1	HOSE AS	
I	22	1	**286-3596**	1	HOSE AS	
	23	2	**160-8708**	1	BRACKET AS	
C	24	2	**198-4777**	6	WASHER-HARD (11X25X10-MM THK)	
C	26	1,2	**228-7091**	9	SEAL-O-RING	
C	27	1	**228-7092**	2	SEAL-O-RING	
	29	2	**4B-9302**	1	CLIP	
	30	2	**4D-7388**	1	CLIP	
	31	1,2	**5K-9660**	6	CLIP	
C	32	2	*281-5973*	2	ADAPTER AS	
					(EACH INCLUDES)	
		2	**5P-1042**	1	ADAPTER-O-RING	
		2	**238-5081**	1	SEAL-O-RING	
	33	1,2	**5P-7468**	3	CLIP (SLOT)	
	34	1,2	**5P-7469**	3	CLIP (TAB)	
	35	2	**6D-4244**	2	CLIP	
	36	1	**6V-4349**	1	GROMMET	
	37	2	**6V-7383**	1	CLIP	
C	38	2	*281-5972*	1	CONNECTOR AS	
		2	**6V-8637**	1	CONNECTOR	
		2	**228-7092**	1	SEAL-O-RING	
		2	**238-5082**	1	SEAL-O-RING	
C	39	2	*281-5974*	1	CONNECTOR AS	
		2	**6V-8713**	1	CONNECTOR	
		2	**228-7091**	1	SEAL-O-RING	
		2	**238-5082**	1	SEAL-O-RING	
C	40	2	*287-7285*	1	UNION AS	
		2	**6V-8738**	1	UNION	
		2	**228-7090**	1	SEAL-O-RING	
		2	**228-7091**	1	SEAL-O-RING	

234-4914 **LINES GP-FUEL (**contd.**)** **i02610463**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	42	1,2	**8F-8513**	13	CLIP	
C	43	2	*268-1605*	1	ELBOW AS	
		2	**8T-1686**	1	ADAPTER-ELBOW	
		2	**228-7090**	1	SEAL-O-RING	
		2	**238-5080**	1	SEAL-O-RING	
	44	1,2	**8T-4121**	23	WASHER-HARD (11X21X2.5-MM THK)	
M	45	1,2	**8T-4133**	6	NUT (M10X1.5-THD)	
M	46	2	**8T-4136**	1	BOLT (M10X1.5X25-MM)	
M	47	1,2	**8T-4137**	6	BOLT (M10X1.5X20-MM)	
M	48	2	**8T-4185**	2	BOLT (M10X1.5X50-MM)	
M	49	2	**8T-4186**	4	BOLT (M10X1.5X40-MM)	
	50	1	**0S-1588**	1	BOLT (3/8-16X1.25-IN)	
CM	51	2	**8T-4195**	10	BOLT (M10X1.5X30-MM)	
	52	2	**8T-4222**	4	WASHER-PLATED (11X32X2.5-MM THK)	
	53	2	**3E-4353**	1	WASHER-HARD (11X25X3-MM THK)	
	54	2	**8T-9518**	2	GROMMET (24-MM ID)	
C	55	1	*281-5984*	1	ELBOW AS	
		1	**8T-5389**	1	ELBOW	
		1	**228-7092**	1	SEAL-O-RING	
		1	**238-5081**	1	SEAL-O-RING	

C - CHANGE FROM PREVIOUS TYPE
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART

234-4914 **LINES GP-FUEL (**contd.**)** **i02610463**



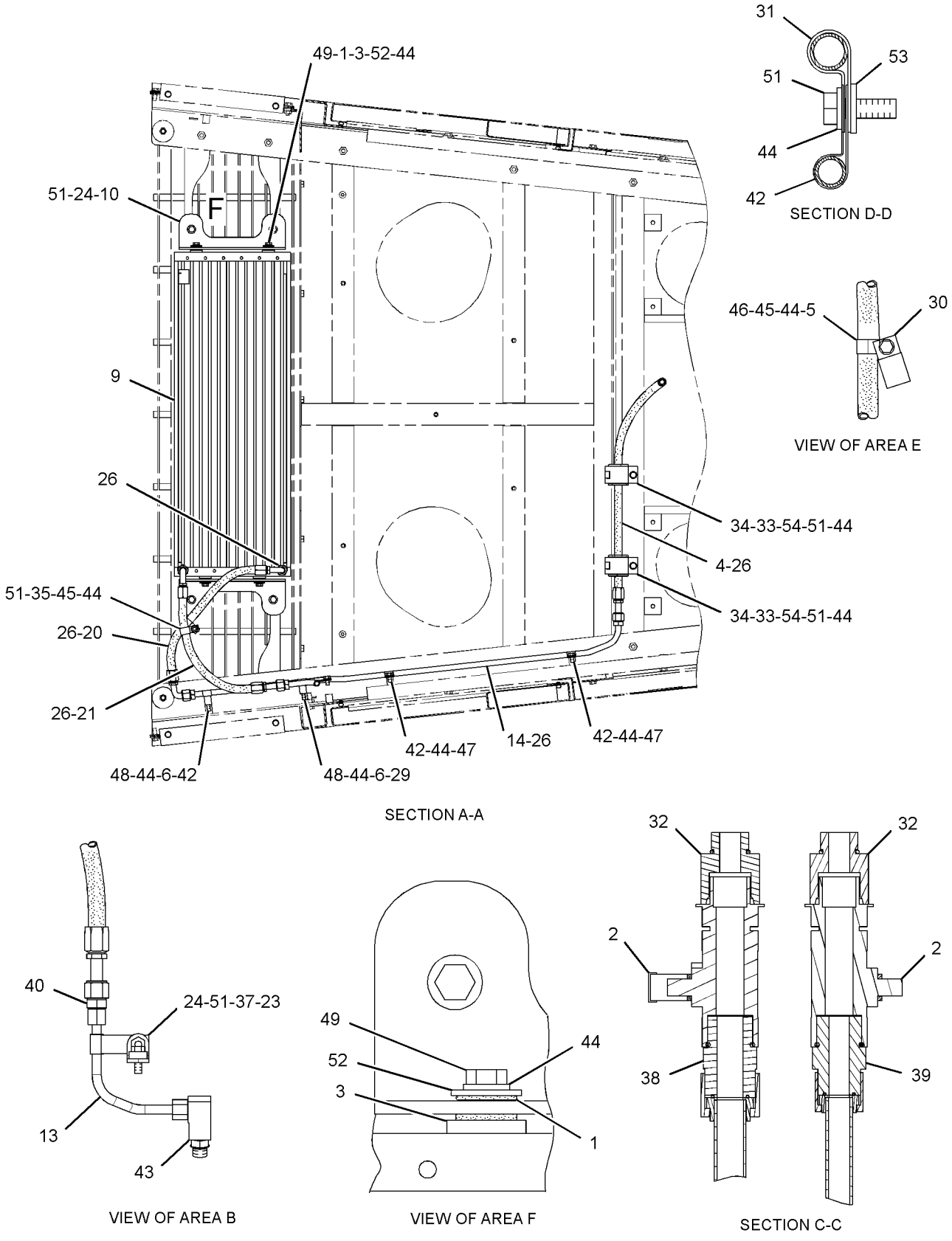
REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

RIGHT SIDE VIEW

GRAPHIC #1

g01424306

234-4914 **LINES GP-FUEL (**contd.**)** **i02610463**



GRAPHIC #2

<END>

g01424307

234-4914 LINES GP-FUEL

S/N: BTW172-UP

PART OF 230-3275 CHASSIS AR

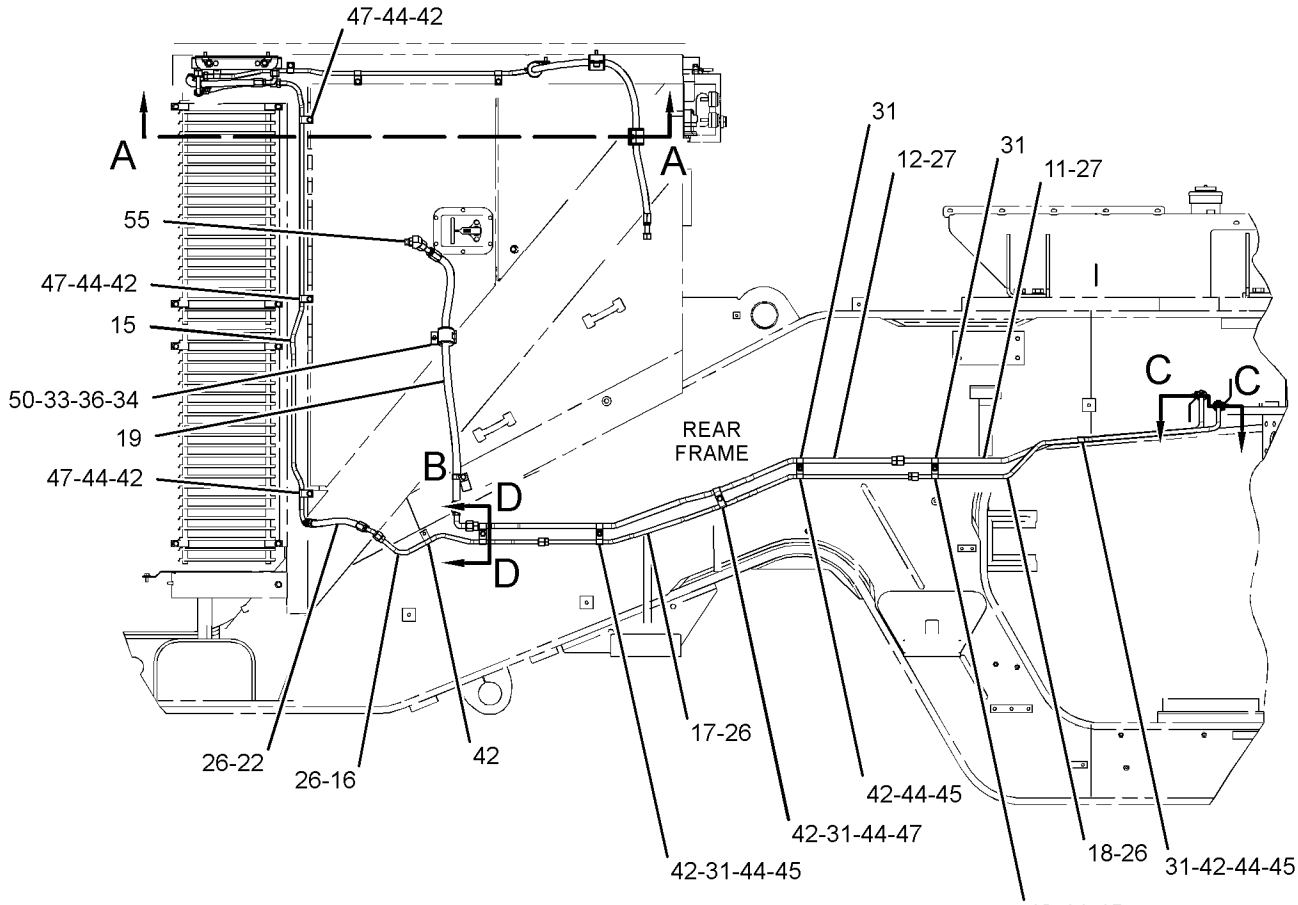
SMCS-1274 **i05350465**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**6N-8744**	4	MOUNT	
	2	2	**6V-8358**	2	VALVE-BALL (MANUAL SHUTOFF)	
	3	2	**7X-0632**	4	WASHER-HARD (11X36X6-MM THK)	
CI	4	2	**315-6122**	1	HOSE AS	
	5	2	**067-3045**	1	CLIP	
	6	2	**122-5855**	2	SPACER (11.5X20X26-MM THK)	
	9	2	**271-0277**	1	CORE AS-FUEL COOLER	
	10	2	**290-6008**	2	BRACKET	
	11	1	**284-0470**	1	TUBE AS	
	12	1	**284-0471**	1	TUBE AS	
	14	2	**284-0473**	1	TUBE AS	
	15	1	**284-0474**	1	TUBE AS	
	16	1	**284-0475**	1	TUBE AS	
	17	1	**284-0476**	1	TUBE AS	
	18	1	**284-0477**	1	TUBE AS	
I	19	1	**286-5658**	1	HOSE AS	
I	20	2	**284-0480**	1	HOSE AS	
I	21	2	**284-0481**	1	HOSE AS	
I	22	1	**286-3596**	1	HOSE AS	
C	24	2	**198-4777**	4	WASHER-HARD (11X25X10-MM THK)	
	26	1,2	**228-7091**	9	SEAL-O-RING	
	27	1	**228-7092**	2	SEAL-O-RING	
	29	2	**4B-9302**	1	CLIP	
	30	2	**4D-7388**	1	CLIP	
	31	1,2	**5K-9660**	6	CLIP	
	32	2	*281-5973*	2	ADAPTER AS	
					(EACH INCLUDES)	
		2	**5P-1042**	1	ADAPTER-O-RING	
		2	**238-5081**	1	SEAL-O-RING	
C	33	1,2	**5P-7468**	5	CLIP (SLOT)	
C	34	1,2	**5P-7469**	5	CLIP (TAB)	
	35	2	**6D-4244**	2	CLIP	
	36	1	**6V-4349**	1	GROMMET	
	38	2	*281-5972*	1	CONNECTOR AS	
		2	**6V-8637**	1	CONNECTOR	
		2	**228-7092**	1	SEAL-O-RING	
		2	**238-5082**	1	SEAL-O-RING	
	39	2	*281-5974*	1	CONNECTOR AS	
		2	**6V-8713**	1	CONNECTOR	
		2	**228-7091**	1	SEAL-O-RING	
		2	**238-5082**	1	SEAL-O-RING	
	42	1,2	**8F-8513**	13	CLIP	
C	44	1,2	**8T-4121**	25	WASHER-HARD (11X21X2.5-MM THK)	
M	45	1,2	**8T-4133**	6	NUT (M10X1.5-THD)	
M	46	2	**8T-4136**	1	BOLT (M10X1.5X25-MM)	
M	47	1,2	**8T-4137**	6	BOLT (M10X1.5X20-MM)	
M	48	2	**8T-4185**	2	BOLT (M10X1.5X50-MM)	
M	49	2	**8T-4186**	4	BOLT (M10X1.5X40-MM)	

234-4914 **LINES GP-FUEL (**contd.**)** **i05350465**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	50	1	**0S-1588**	1	BOLT (3/8-16X1.25-IN)	
M	51	2	**8T-4195**	10	BOLT (M10X1.5X30-MM)	
	52	2	**8T-4222**	4	WASHER-PLATED (11X32X2.5-MM THK)	
	53	2	**3E-4353**	1	WASHER-HARD (11X25X3-MM THK)	
C	54	2	**8T-9518**	4	GROMMET (24-MM ID)	
	55	1	*281-5984*	1	ELBOW AS	
		1	**8T-5389**	1	ELBOW	
		1	**228-7092**	1	SEAL-O-RING	
		1	**238-5081**	1	SEAL-O-RING	

C - CHANGE FROM PREVIOUS TYPE
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART



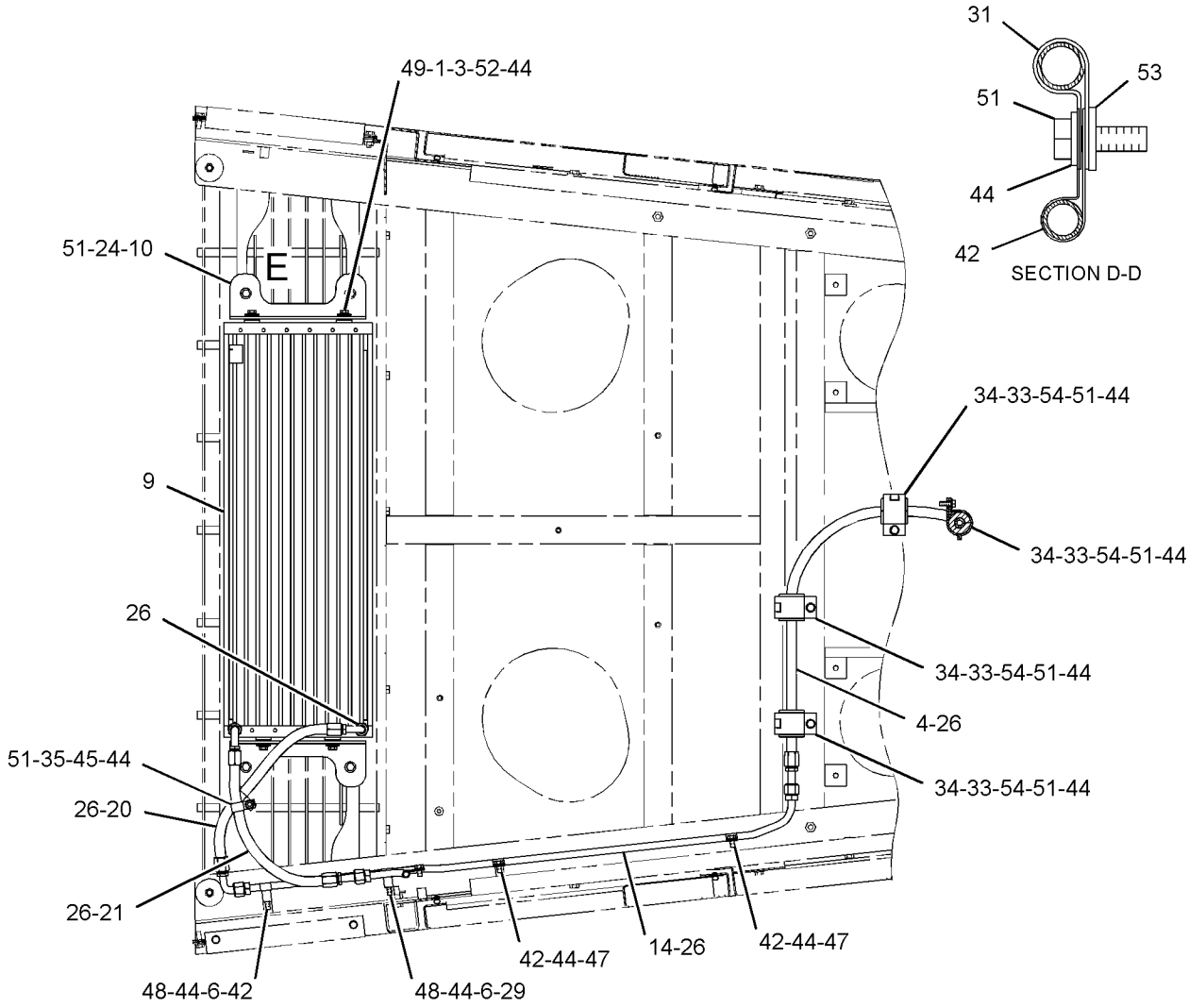
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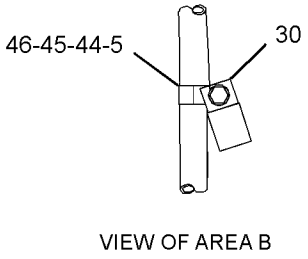
RIGHT SIDE VIEW

GRAPHIC #1

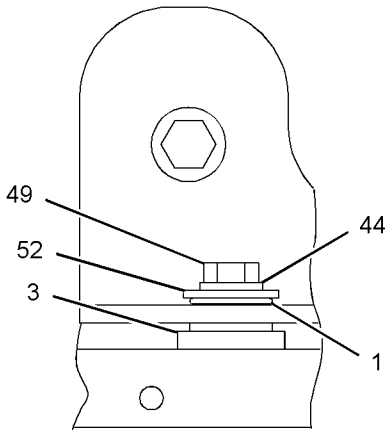
g03714479

234-4914 **LINES GP-FUEL (**contd.**)** **i05350465**

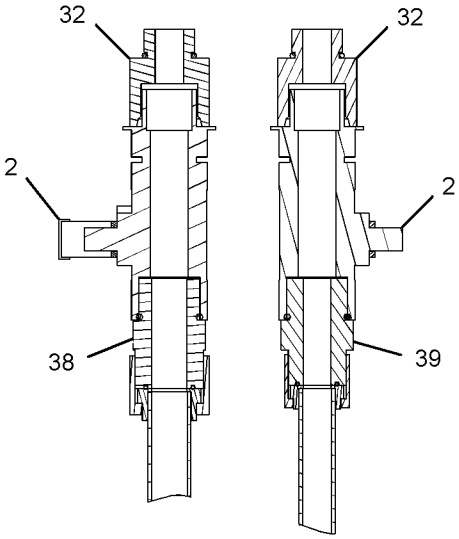




VIEW OF AREA B



VIEW OF AREA E



SECTION C-C

GRAPHIC #2 <END> g03714485

217-5674 LINES GP-FUEL FILTER

S/N: EHX1-2415

PART OF 217-5670 ENGINE AR-COMPLETE

SMCS-1261, 1274

i02345689

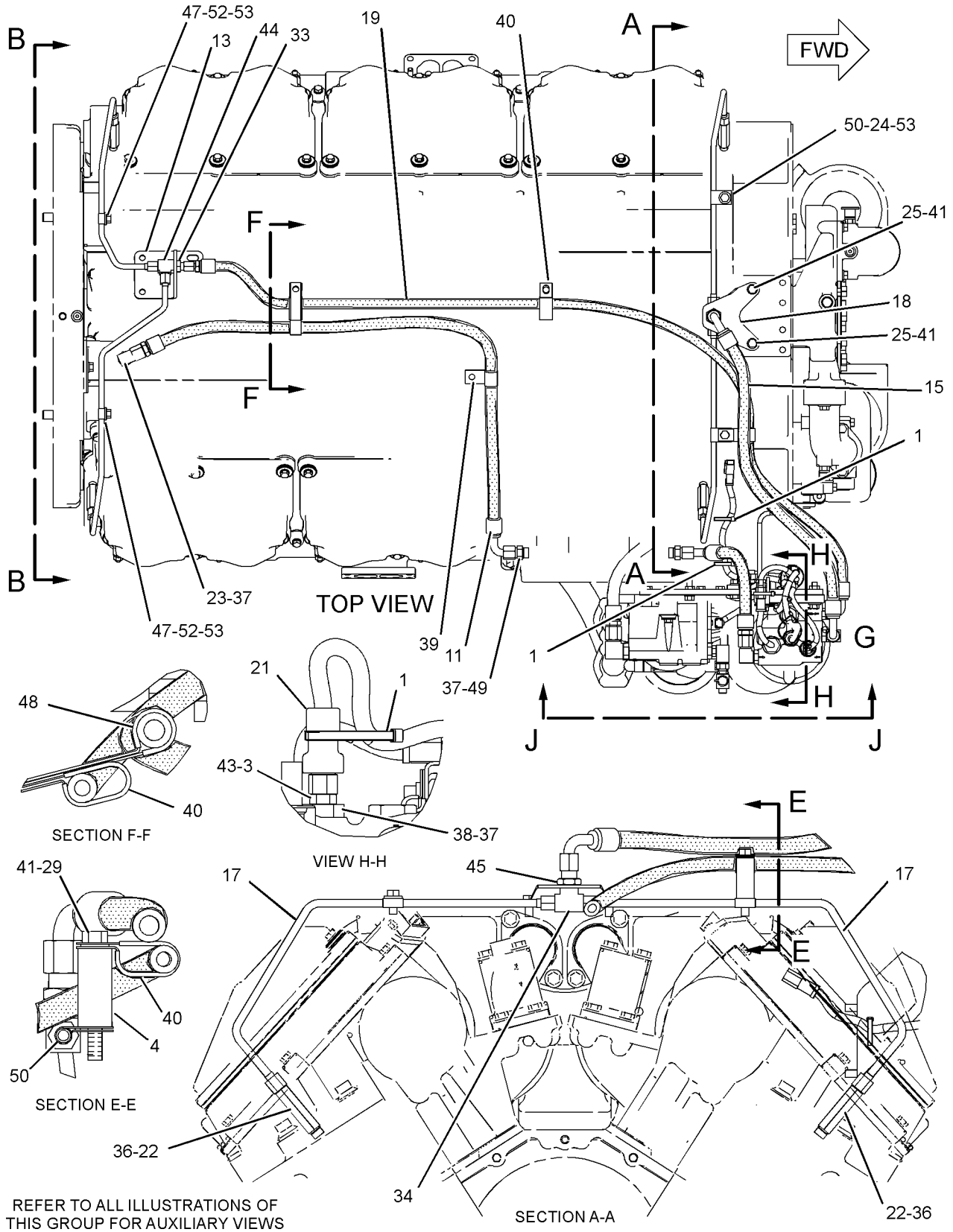
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1,2	**3S-2093**	6	STRAP-CABLE	
	2	2	**6N-1127**	1	SHIELD	
	3	1	**9X-0262**	1	ADAPTER	
	4	1	**172-4211**	1	SPACER (10.5X22X50.8-MM THK)	
Y	5	2	*197-8391*	1	SENSOR GP-TEMPERATURE (FUEL)	496
Y	6	2	**258-0883**	1	SWITCH GP-PRESSURE (FUEL)	534
	7	2	**217-5675**	1	BRACKET	
	8	2	**217-5676**	1	PLATE AS	
		2	**1F-0750**	4	NUT-WELD (3/8-16-THD)	
		2	**4K-9097**	3	NUT-WELD (5/16-18-THD)	
M		2	**6V-9632**	2	NUT-WELD (M6X1-THD)	
		2	**7T-1099**	3	LINK	
	9	2	**217-6695**	1	TUBE AS	
	10	2	**217-6696**	1	TUBE AS	
I	11	1	**226-6062**	1	HOSE AS	
Y	12	2	*228-7381*	1	VALVE GP-CHECK (FUEL)	329
	13	1	**229-5122**	1	BRACKET	
	14	2	**231-3606**	1	HARNESS AS	
		2	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		2	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		2	**102-8806**	1	KIT-RECEPTACLE (8-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		2	**8T-8737**	1	PLUG-SEAL	
		2	**155-2270**	4	KIT-CONNECTING PLUG (2-PIN)	
					(EACH INCLUDES PLUG AS & WEDGE)	
I	15	1	**235-0595**	1	HOSE AS	
I	16	2	**235-0599**	1	HOSE AS	
	17	1	**235-4754**	2	TUBE AS	
	18	1	**236-4185**	1	PLATE	
I	19	1	**237-8145**	1	HOSE AS	
	20	2	**237-9309**	1	BASE AS	
		2	**237-9323**	1	STUD	
Y	21	1	*239-2396*	1	SENSOR GP-PRESSURE (FUEL)	488
	22	1,2	**030-7937**	4	CONNECTOR-PORT	
	23	1,2	**118-4728**	1	ELBOW	
	24	1	**0L-1351**	1	BOLT (3/8-16X0.875-IN)	
	25	1	**0S-0509**	2	BOLT (3/8-16X0.75-IN)	
	26	2	**0S-1571**	1	BOLT (3/8-16X1.75-IN)	
	27	2	**0S-1588**	2	BOLT (3/8-16X1.25-IN)	
	28	2	**0S-1594**	4	BOLT (3/8-16X1-IN)	
	29	1	**0S-1619**	1	BOLT (3/8-16X3-IN)	
	30	2	**132-5789**	1	CLIP (LADDER)	
	31	2	**1R-0755**	1	FILTER-FUEL (ADVANCED EFFICIENCY)	
	32	2	**2A-4639**	1	BOLT (3/8-16X1.625-IN)	
	33	1	**2P-1279**	1	LOCKNUT (9/16-18-THD)	
	34	1	**2P-7213**	1	TEE-BULKHEAD	

217-5674 **LINES GP-FUEL FILTER (**contd.**)** **i02345689**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	35	2	**2R-6806**	2	ADAPTER	
	36	1,2	**3J-1907**	6	SEAL-O-RING	
	37	1,2	**3K-0360**	8	SEAL-O-RING	
	38	1	**3P-1932**	1	ADAPTER	
	39	1	**4D-7735**	1	CLIP	
	40	1	**5K-5338**	3	CLIP	
	41	1,2	**5M-2894**	10	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	42	2	**5P-9297**	1	CLIP	
	43	1	**6V-5048**	1	SEAL-O-RING	
	44	1	**6V-5535**	1	TEE-UNION	
	45	1	**7F-2050**	1	LOCKNUT (3/4-16-THD)	
	46	2	**7F-9090**	2	SCREW-DRIVE (NO 8X3/8-IN)	
	47	1	**7H-7055**	2	CLIP	
	48	1	**8D-9671**	1	CLIP	
	49	1,2	**8M-0505**	2	ADAPTER	
	50	1	**8S-8820**	2	CLIP	
	51	2	**9S-8005**	2	PLUG (3/4-16-THD)	
	52	1	**9S-8752**	2	NUT-FULL (3/8-16-THD)	
	53	1,2	**9X-6458**	4	WASHER-HARD (10.2X22.5X3-MM THK)	

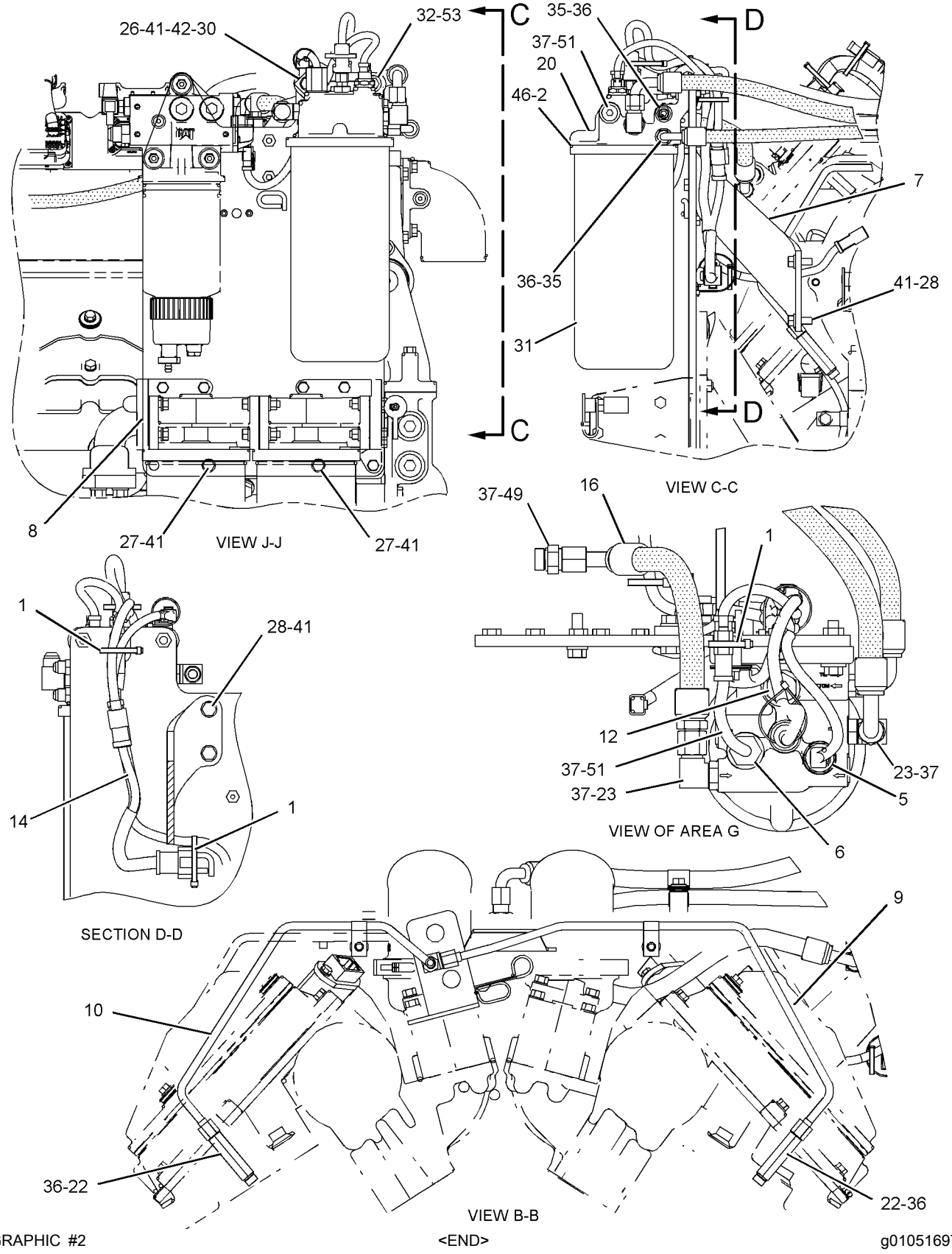
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART
Y - SEPARATE ILLUSTRATION

217-5674 **LINES GP-FUEL FILTER** (contd.) **i02345689**



GRAPHIC #1 g01154782

217-5674 **LINES GP-FUEL FILTER (**contd.**)** **i02345689**



GRAPHIC #2 <END> g01051697

256-7940 LINES GP-FUEL FILTER

S/N: EHX1-5460

PART OF 217-5670, 271-8633 ENGINE AR-COMPLETE

SMCS-1261, 1274 **i06867414**

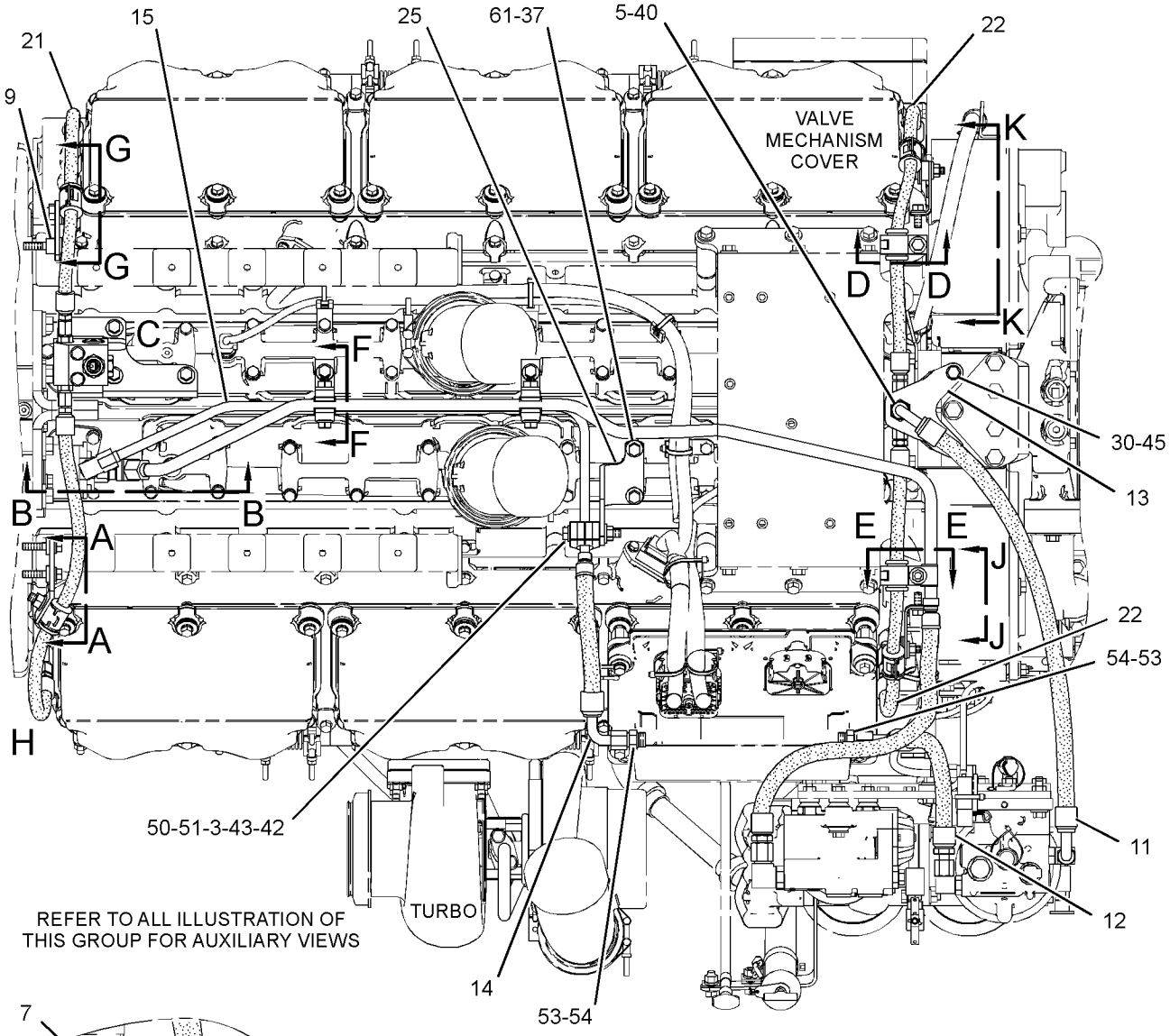
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	3	**3K-1470**	1	SPACER (0.4X1X0.38-IN THK)	
	2	2	**4P-0692**	2	CLAMP AS	
					(EACH INCLUDES)	
		2	**108-1434**	1	GROMMET	
	3	1	**4P-0707**	2	CLAMP AS	
					(EACH INCLUDES)	
		1	**307-8373**	1	GROMMET	
	4	3	**6L-2479**	2	BRACE	
	5	1	**7F-2050**	1	LOCKNUT (3/4-16-THD)	
	6	2	**9Y-0047**	4	CLAMP	
	7	1	**090-8635**	2	SPACER (11X22X5-MM THK)	
	8	2	**108-1434**	4	GROMMET	
	9	1,2	**127-5447**	2	SPACER (10.5X20X12-MM THK)	
Y	10	1	**228-7381**	1	VALVE GP-CHECK (FUEL)	329
I	11	1	**235-0595**	1	HOSE AS	
I	12	1	**235-0599**	1	HOSE AS	
	13	1	**236-4185**	1	PLATE	
	14	1	**253-4331**	1	TUBE AS	
	15	1	**256-6802**	1	TUBE AS	
	16	1	**299-9606**	1	PLATE AS	
	17	2	**304-3588**	1	BRACKET	
	18	2	**307-8373**	4	GROMMET	
	19	1	**314-3173**	1	MANIFOLD	
	20	3	**314-3174**	1	BRACKET AS	
I	21	1	**322-7615**	1	HOSE AS	
I	22	1	**322-7616**	2	HOSE AS	
I	23	1	**322-7617**	1	HOSE AS	
	24	2	**324-3420**	2	BRACKET AS	
	25	1	**324-3421**	1	BRACKET	
	26	2	**118-4728**	1	ELBOW	
	27	1	**127-9258**	1	CONNECTOR	
	28	1	**214-7568**	6	SEAL-O-RING	
	29	3	**0L-1351**	2	BOLT (3/8-16X0.875-IN)	
	30	1	**0S-0509**	2	BOLT (3/8-16X0.75-IN)	
	31	2	**0S-1571**	2	BOLT (3/8-16X1.75-IN)	
	32	3	**0S-1590**	1	BOLT (3/8-16X2-IN)	
	33	3	**0S-1591**	1	BOLT (3/8-16X1.5-IN)	
C	34	2	**0S-1594**	1	BOLT (3/8-16X1-IN)	
	35	1	**0S-1619**	2	BOLT (3/8-16X3-IN)	
	36	3	**1A-2029**	1	BOLT (3/8-16X1.125-IN)	
	37	1,2	**1A-5183**	4	BOLT (3/8-16X4.75-IN)	
	38	1	**1P-1376**	4	CONNECTOR-PORT	
	39	2	**1W-1038**	1	STUD (3/8-16X2.75-IN)	
	40	1	**2P-7213**	1	TEE-BULKHEAD	
	41	1	**2R-6806**	2	ADAPTER	
M	42	1	**2Y-5829**	1	NUT (M10X1.5-THD)	
	43	1	**3E-4353**	1	WASHER-HARD (11X25X3-MM THK)	

256-7940 **LINES GP-FUEL FILTER (**contd.**)** **i06867414**

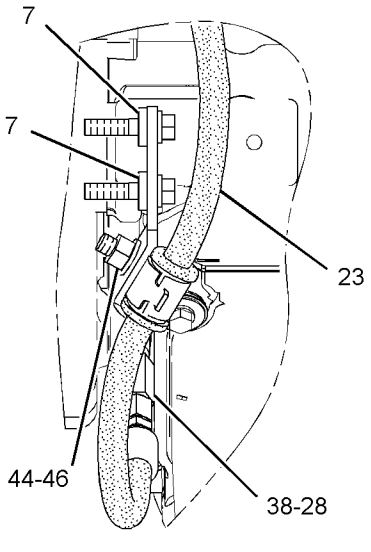
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	44	1	**3S-1546**	1	NUT-FULL (7/16-14-THD)	
C	45	1,2,3	**5M-2894**	10	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	46	1,2,3	**5P-8244**	3	WASHER-HARD (12X22.5X2.5-MM THK)	
	47	2	**6M-7476**	1	ELBOW	
	48	2	**6V-4589**	1	SEAL-O-RING	
M	49	2	**6V-5230**	2	BOLT (M10X1.5X60-MM)	
	50	1,2	**6V-5839**	3	WASHER (11X21X2.5-MM THK)	
M	51	1	**6V-7981**	1	BOLT (M10X1.5X70-MM)	
C	52	2,3	**7V-6571**	6	GROMMET	
	53	1,2	**8L-2786**	5	SEAL-O-RING	
	54	1	**8M-0505**	2	ADAPTER	
C	55	1	**8S-9191**	3	BOLT (3/8-16X4-IN)	
C	56	2,3	**8T-1889**	6	CLIP (SLOT)	
C	57	2,3	**8T-1890**	6	CLIP (TAB)	
	58	2,3	**8T-9382**	2	BOLT (7/16-14X1.25-IN)	
	59	1	**9S-8005**	1	PLUG (3/4-16-THD)	
C	60	1,2,3	**9S-8752**	5	NUT-FULL (3/8-16-THD)	
C	61	1,2,3	**9X-6458**	15	WASHER-HARD (10.2X22.5X3-MM THK)	

C - CHANGE FROM PREVIOUS TYPE
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART
Y - SEPARATE ILLUSTRATION

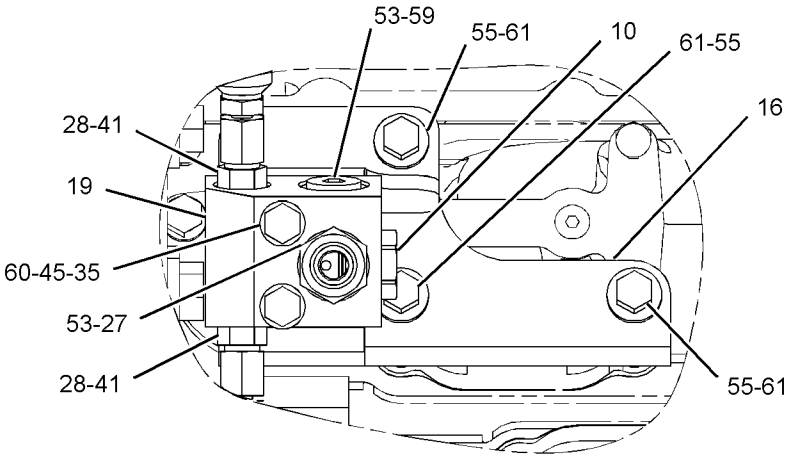
256-7940 **LINES GP-FUEL FILTER (**contd.**)** **i06867414**



TOP VIEW OF ENGINE



VIEW OF AREA H

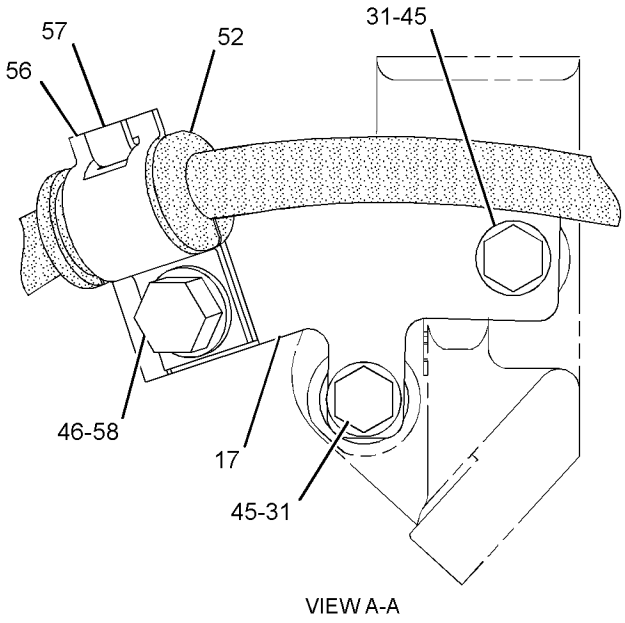


VIEW OF AREA C

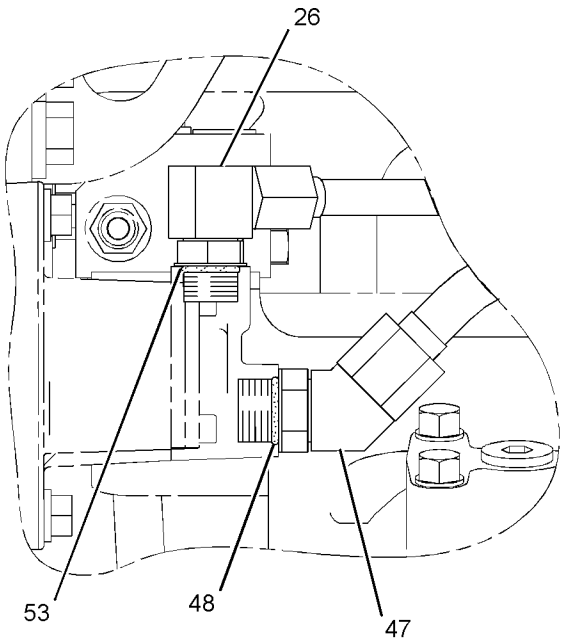
GRAPHIC #1

g01502240

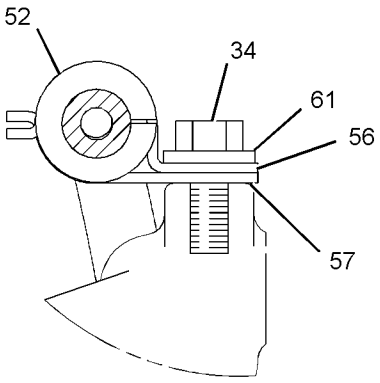
256-7940 **LINES GP-FUEL FILTER (**contd.**)** **i06867414**



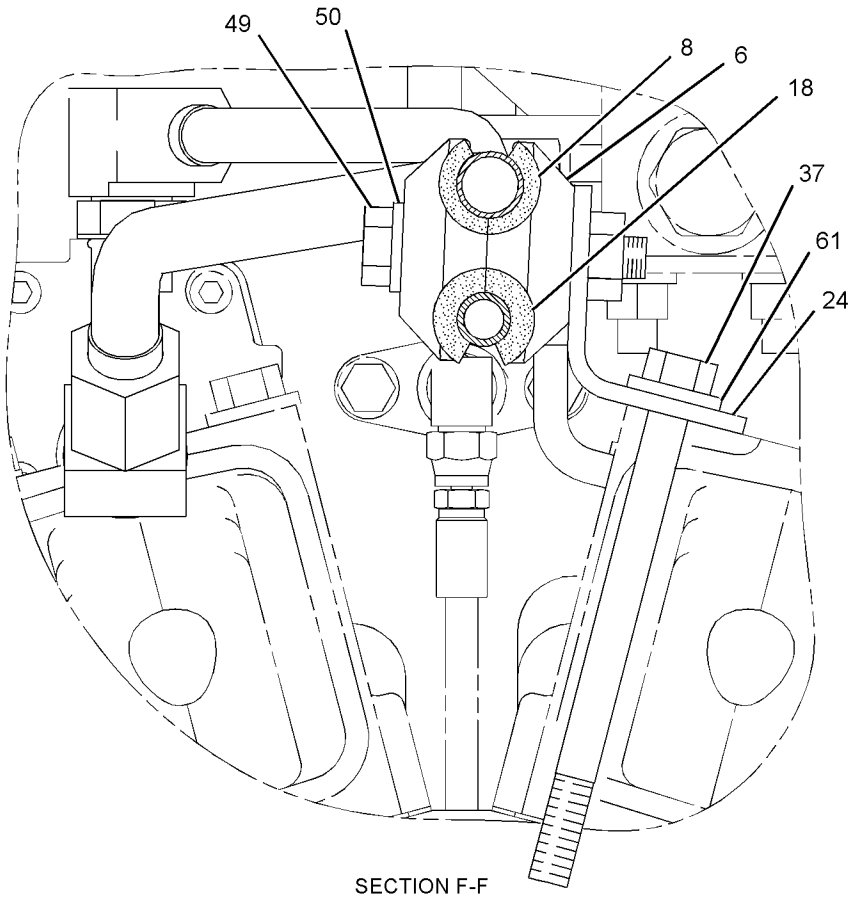
VIEW A-A



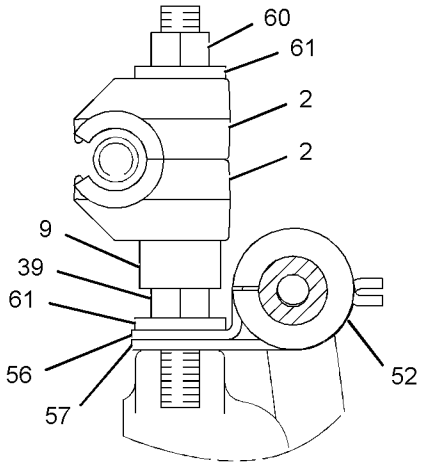
SECTION B-B



SECTION D-D



SECTION F-F

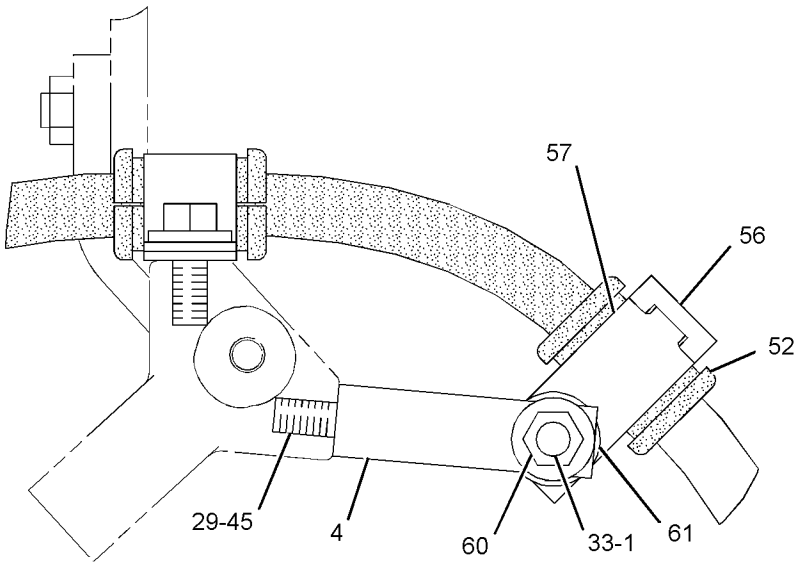


SECTION E-E

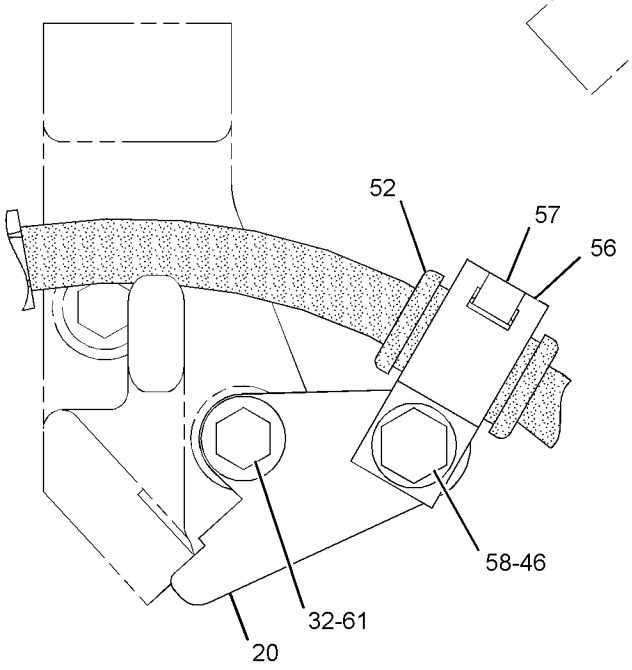
GRAPHIC #2

g01502242

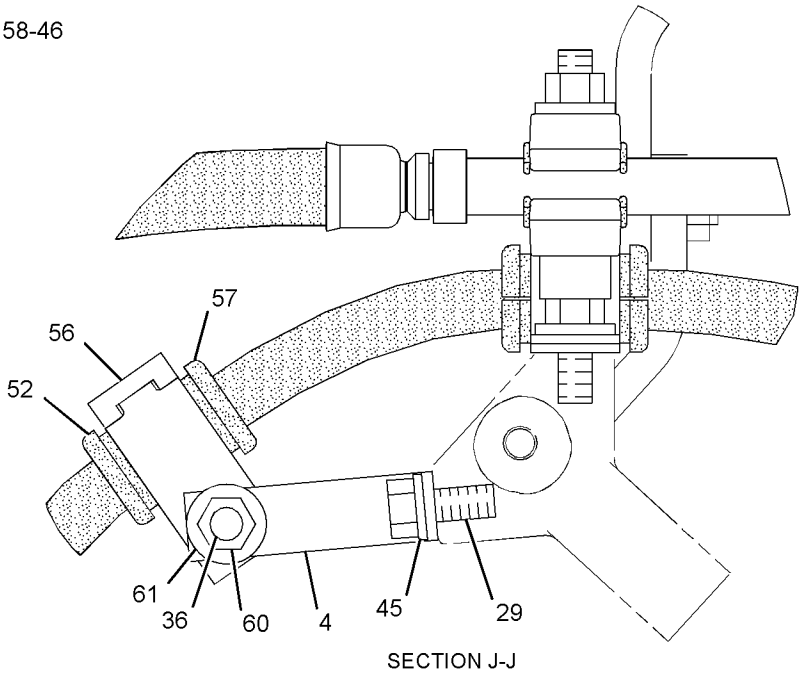
256-7940 **LINES GP-FUEL FILTER (**contd.**)** **i06867414**



SECTION K-K



VIEW G-G



SECTION J-J

GRAPHIC #3 <END> g01502243

256-7940 LINES GP-FUEL FILTER

S/N: EHX1-UP

PART OF 217-5670, 271-8633, 360-3755 ENGINE AR-COMPLETE

SMCS-1261, 1274 **i06849687**

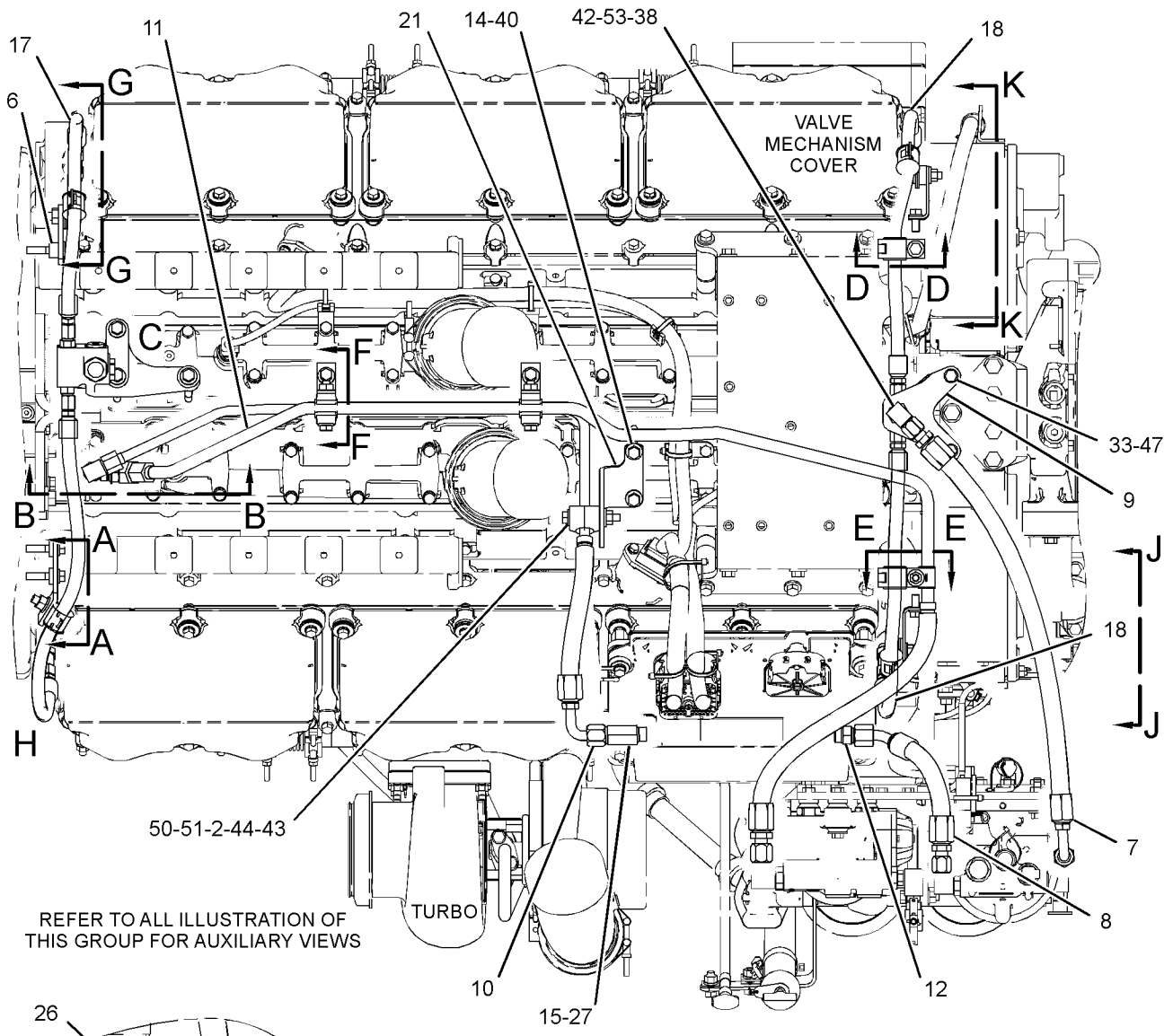
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	3	**4P-0692**	2	CLAMP AS	
					(EACH INCLUDES)	
		3	**108-1434**	1	GROMMET	
	2	2	**4P-0707**	2	CLAMP AS	
					(EACH INCLUDES)	
		2	**307-8373**	1	GROMMET	
	3	1	**6L-2479**	2	BRACE	
C	4	2	**369-9380**	1	MANIFOLD-FUEL	
C	5	3	**320-3306**	4	CLAMP AS	
					(EACH INCLUDES)	
		3	**307-8373**	1	GROMMET	
	6	2,3	**127-5447**	2	SPACER (10.5X20X12-MM THK)	
CI	7	2	**450-3597**	1	HOSE AS	
C	8	2	**450-3176**	1	HOSE AS	
	9	2	**236-4185**	1	PLATE	
C	10	2	**423-3615**	1	HOSE & TUBE AS	
C	11	2	**423-3614**	1	HOSE & TUBE AS	
C	12	2	*365-0578*	1	CONNECTOR AS	
		2	**2P-7636**	1	CONNECTOR (3/4-16 STR-THD)	
		2	**238-5080**	1	SEAL-O-RING	
	13	3	**304-3588**	1	BRACKET	
	14	1,2,3	**9X-6458**	15	WASHER-HARD (10.2X22.5X3-MM THK)	
C	15	2	**030-4285**	1	CONNECTOR	
	16	1	**314-3174**	1	BRACKET AS	
I	17	2	**322-7615**	1	HOSE AS	
I	18	2	**322-7616**	2	HOSE AS	
I	19	2	**322-7617**	1	HOSE AS	
	20	3	**324-3420**	2	BRACKET AS	
	21	2	**324-3421**	1	BRACKET	
Y	22	2	**327-4448**	1	VALVE GP-CHECK (FUEL PRESSURE REGULATING)	331
	23	3	*353-5134*	1	ELBOW AS	
		3	**118-4728**	1	ELBOW	
		3	**238-5080**	1	SEAL-O-RING	
	24	3	*375-1045*	1	ELBOW AS	
		3	**6M-7476**	1	ELBOW	
		3	**238-5081**	1	SEAL-O-RING	
	25	1,2	*384-9218*	4	CONNECTOR AS	
					(EACH INCLUDES)	
		1,2	**1P-1376**	1	CONNECTOR-PORT	
		1,2	**214-7568**	1	SEAL-O-RING	
	26	2	**090-8635**	2	SPACER (11X22X5-MM THK)	
C	27	2	**238-5080**	2	SEAL-O-RING	
	28	2	*307-2673*	1	PLUG AS	
		2	**9S-8005**	1	PLUG (3/4-16-THD)	
		2	**238-5080**	1	SEAL-O-RING	
	30	2	*313-9614*	2	ADAPTER AS	
					(EACH INCLUDES)	
		2	**2R-6806**	1	ADAPTER	

256-7940 **LINES GP-FUEL FILTER (**contd.**)** **i06849687**

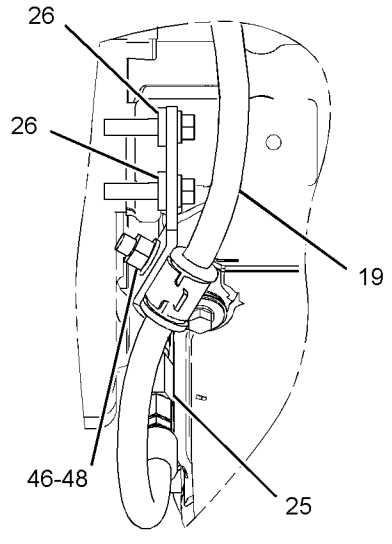
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		2	**214-7568**	1	SEAL-O-RING	
	31	1,3	**353-7954**	6	GROMMET (16-MM ID)	
	32	1	**0L-1351**	2	BOLT (3/8-16X0.875-IN)	
	33	2	**0S-0509**	2	BOLT (3/8-16X0.75-IN)	
	34	3	**0S-1571**	2	BOLT (3/8-16X1.75-IN)	
	35	1	**0S-1590**	1	BOLT (3/8-16X2-IN)	
	36	1	**0S-1591**	1	BOLT (3/8-16X1.5-IN)	
	37	3	**0S-1594**	1	BOLT (3/8-16X1-IN)	
C	38	2	**8M-0547**	1	ELBOW-FLARED (SWIVEL)	
	39	1	**1A-2029**	1	BOLT (3/8-16X1.125-IN)	
C	40	2,3	**1A-5183**	7	BOLT (3/8-16X4.75-IN)	
	41	3	**1W-1038**	1	STUD (3/8-16X2.75-IN)	
	42	2	**2P-7213**	1	TEE-BULKHEAD	
M	43	2	**2Y-5829**	1	NUT (M10X1.5-THD)	
	44	2	**3E-4353**	1	WASHER-HARD (11X25X3-MM THK)	
	45	1	**3K-1470**	1	SPACER (0.4X1X0.38-IN THK)	
	46	2	**3S-1546**	1	NUT-FULL (7/16-14-THD)	
C	47	1,2,3	**5M-2894**	6	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	48	1,2,3	**5P-8244**	3	WASHER-HARD (12X22.5X2.5-MM THK)	
M	49	3	**6V-5230**	2	BOLT (M10X1.5X60-MM)	
	50	2,3	**6V-5839**	3	WASHER (11X21X2.5-MM THK)	
M	51	2	**6V-7981**	1	BOLT (M10X1.5X70-MM)	
	52	2	**6V-8632**	1	CONNECTOR	
	53	2	**7F-2050**	1	LOCKNUT (3/4-16-THD)	
C	54	1,3	**9S-8752**	3	NUT-FULL (3/8-16-THD)	
	55	1,3	**8T-1889**	6	CLIP (SLOT)	
	56	1,3	**8T-1890**	6	CLIP (TAB)	
	57	1,3	**8T-9382**	2	BOLT (7/16-14X1.25-IN)	

C - CHANGE FROM PREVIOUS TYPE
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART
Y - SEPARATE ILLUSTRATION

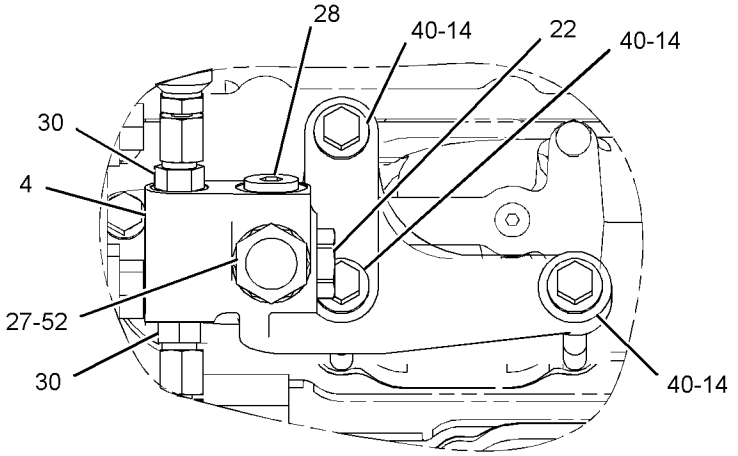
256-7940 **LINES GP-FUEL FILTER (**contd.**)** **i06849687**



TOP VIEW OF ENGINE



VIEW OF AREA H

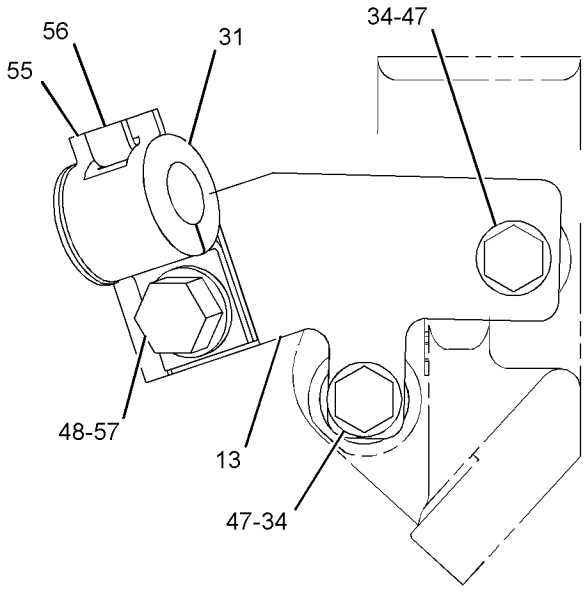


VIEW OF AREA C

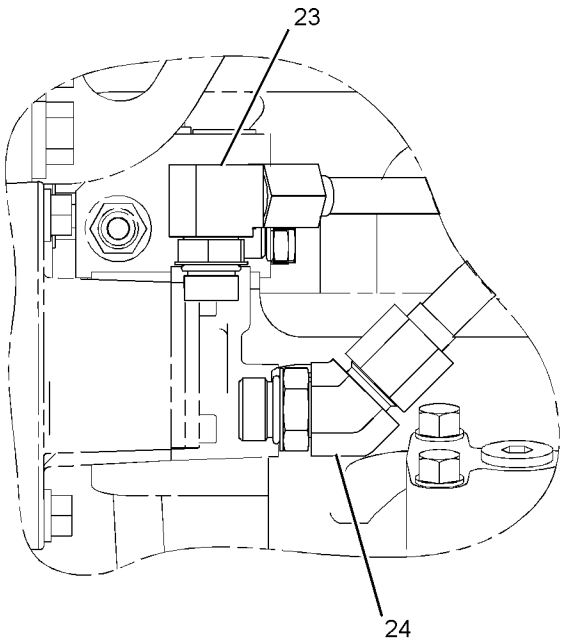
GRAPHIC #1

g03704066

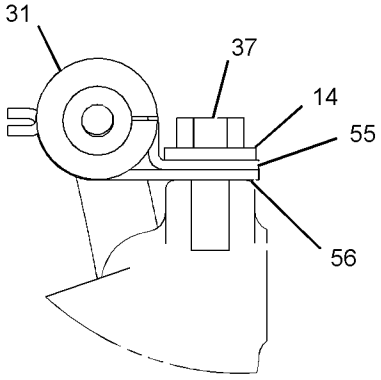
256-7940 **LINES GP-FUEL FILTER (**contd.**)** **i06849687**



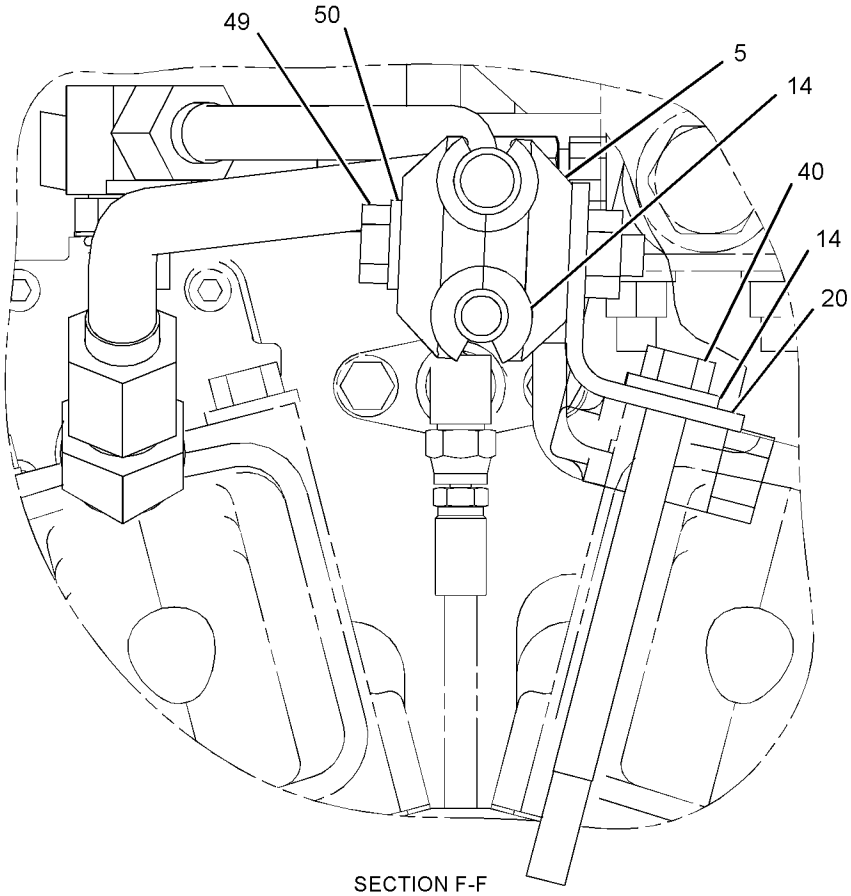
VIEW A-A
(PARTS REMOVED FOR CLARITY)



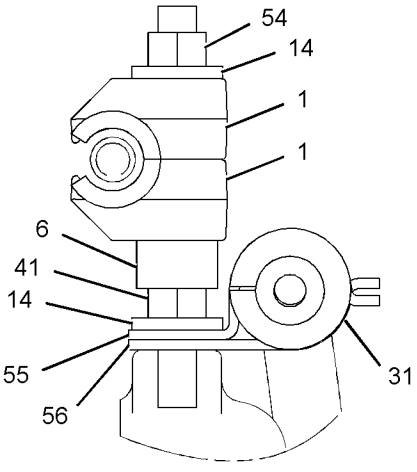
VIEW B-B



SECTION D-D



SECTION F-F

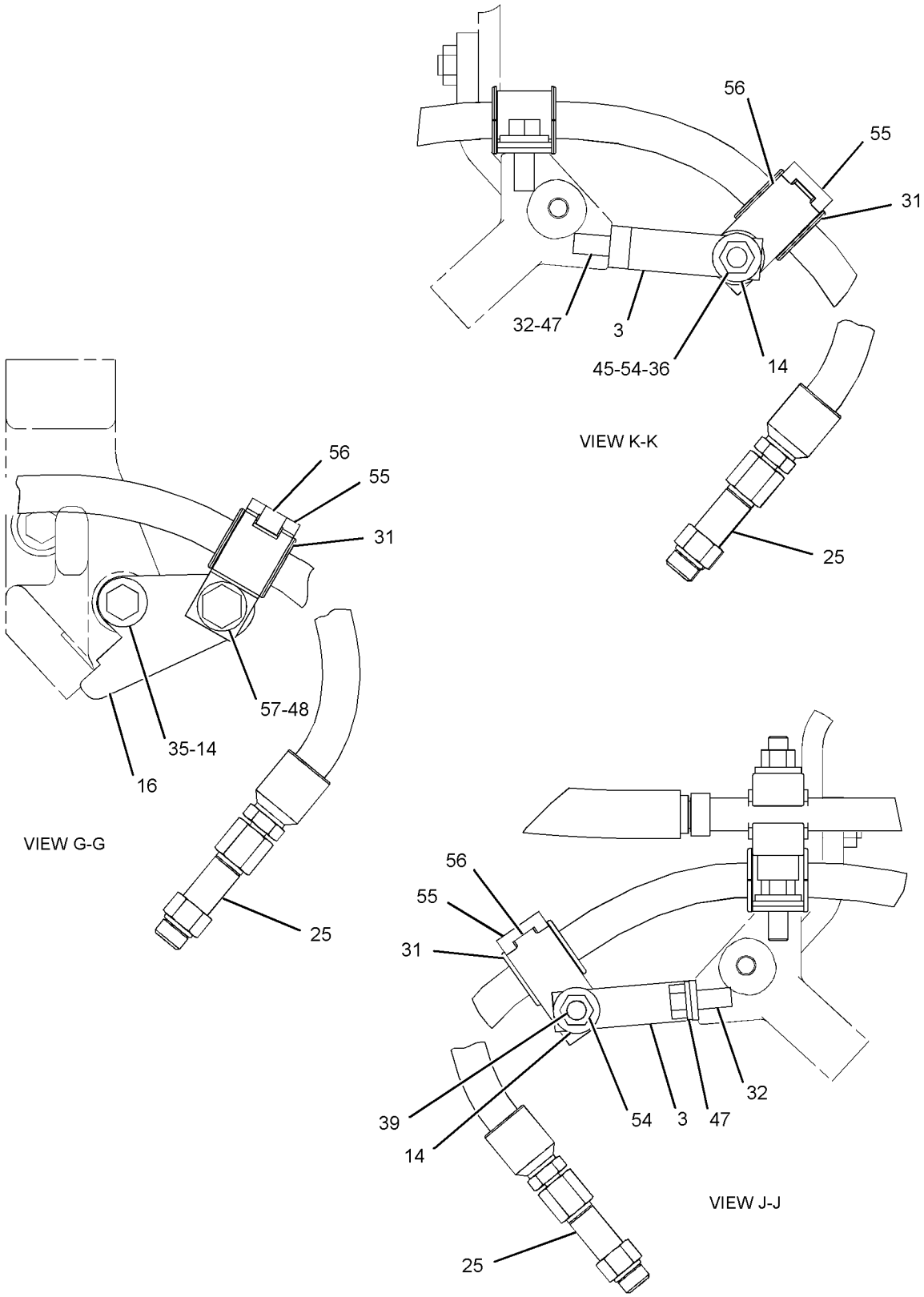


SECTION E-E

GRAPHIC #2

g03704068

256-7940 **LINES GP-FUEL FILTER (**contd.**)** **i06849687**



GRAPHIC #3 <END> g03704070

256-7940 LINES GP-FUEL FILTER

S/N: EHX5461-UP

PART OF 217-5670, 271-8633 ENGINE AR-COMPLETE

SMCS-1261, 1274 **i06902506**

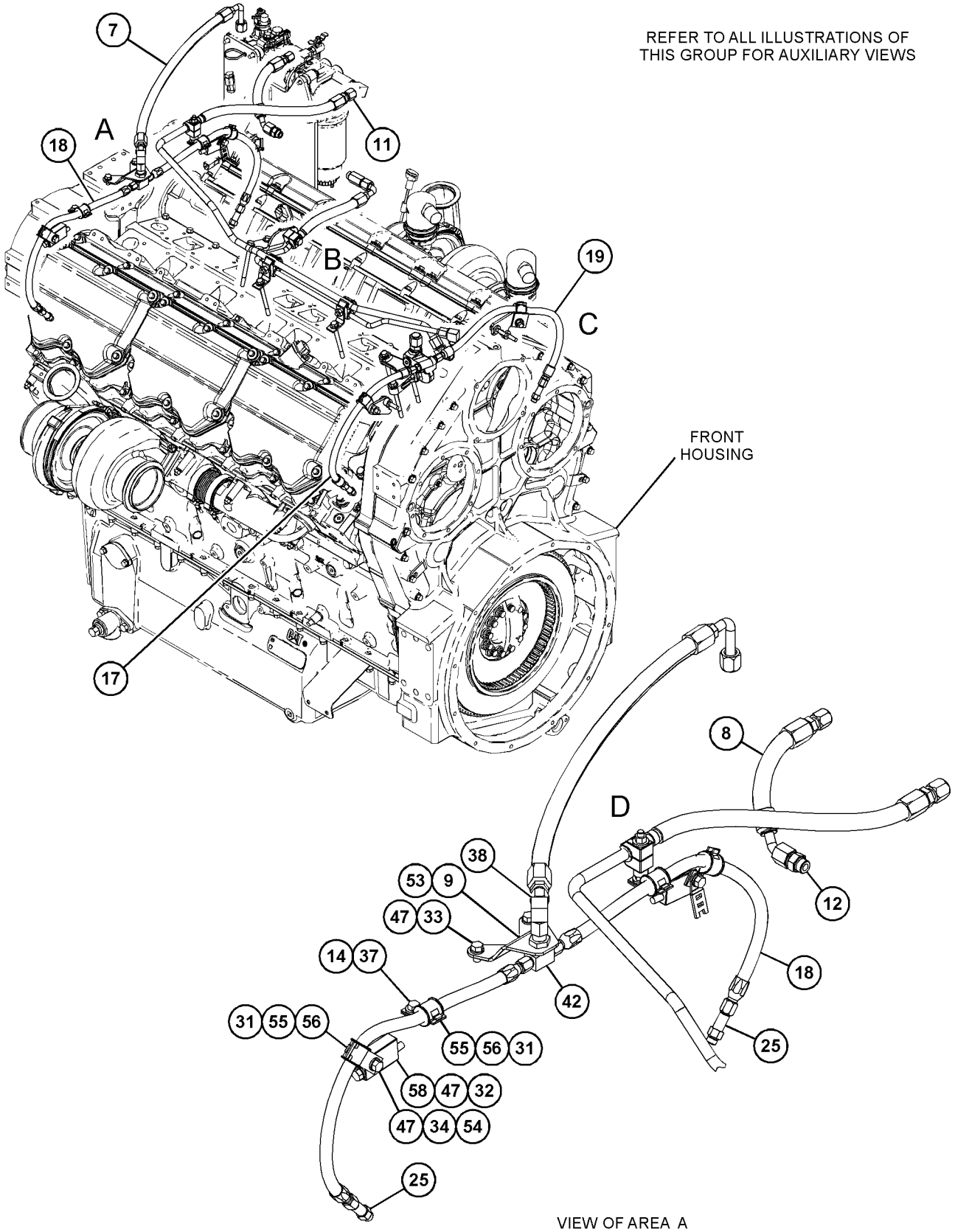
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	3	**4P-0692**	2	CLAMP AS	
					(EACH INCLUDES)	
		3	**108-1434**	1	GROMMET	
	2	2	**4P-0707**	2	CLAMP AS	
					(EACH INCLUDES)	
		2	**307-8373**	1	GROMMET	
	4	3	**369-9380**	1	MANIFOLD-FUEL	
	5	2	**320-3306**	4	CLAMP AS	
					(EACH INCLUDES)	
		2	**307-8373**	1	GROMMET	
	6	2,3	**127-5447**	2	SPACER (10.5X20X12-MM THK)	
I	7	1	**450-3597**	1	HOSE AS	
	8	1	**450-3176**	1	HOSE AS	
	9	1	**236-4185**	1	PLATE	
	10	2	**423-3615**	1	HOSE & TUBE AS	
	11	1	**423-3614**	1	HOSE & TUBE AS	
	12	1	*365-0578*	1	CONNECTOR AS	
		1	**2P-7636**	1	CONNECTOR (3/4-16 STR-THD)	
		1	**238-5080**	1	SEAL-O-RING	
	13	2	**304-3588**	1	BRACKET	
C	14	1,2,3	**9X-6458**	11	WASHER-HARD (10.2X22.5X3-MM THK)	
	15	2	**030-4285**	1	CONNECTOR	
	16	2	**314-3174**	1	BRACKET AS	
I	17	1	**322-7615**	1	HOSE AS	
I	18	1	**322-7616**	2	HOSE AS	
I	19	1	**322-7617**	1	HOSE AS	
	20	2	**324-3420**	2	BRACKET AS	
	21	2	**324-3421**	1	BRACKET	
Y	22	3	**327-4448**	1	VALVE GP-CHECK (FUEL PRESSURE REGULATING)	331
	23	2	*353-5134*	1	ELBOW AS	
		2	**118-4728**	1	ELBOW	
		2	**238-5080**	1	SEAL-O-RING	
	24	2	*375-1045*	1	ELBOW AS	
		2	**6M-7476**	1	ELBOW	
		2	**238-5081**	1	SEAL-O-RING	
	25	1	*384-9218*	4	CONNECTOR AS	
					(EACH INCLUDES)	
		1	**1P-1376**	1	CONNECTOR-PORT	
		1	**214-7568**	1	SEAL-O-RING	
	26	2	**090-8635**	2	SPACER (11X22X5-MM THK)	
	27	2,3	**238-5080**	2	SEAL-O-RING	
	28	3	*307-2673*	1	PLUG AS	
		3	**9S-8005**	1	PLUG (3/4-16-THD)	
		3	**238-5080**	1	SEAL-O-RING	
	30	3	*313-9614*	2	ADAPTER AS	
					(EACH INCLUDES)	
		3	**2R-6806**	1	ADAPTER	
		3	**214-7568**	1	SEAL-O-RING	

256-7940 **LINES GP-FUEL FILTER (**contd.**)** **i06902506**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	31	1,2,3	**353-7954**	6	GROMMET (16-MM ID)	
C	32	1,3	**0L-1352**	2	BOLT (3/8-16X3.25-IN)	
	33	1	**0S-0509**	2	BOLT (3/8-16X0.75-IN)	
C	34	1,2,3	**165-3931**	4	BOLT (3/8-16X1.75-IN)	
	35	2	**0S-1590**	1	BOLT (3/8-16X2-IN)	
	37	1	**0S-1594**	1	BOLT (3/8-16X1-IN)	
	38	1	**8M-0547**	1	ELBOW-FLARED (SWIVEL)	
	40	2,3,3	**1A-5183**	7	BOLT (3/8-16X4.75-IN)	
	41	3	**1W-1038**	1	STUD (3/8-16X2.75-IN)	
	42	1	**2P-7213**	1	TEE-BULKHEAD	
M	43	2	**2Y-5829**	1	NUT (M10X1.5-THD)	
	44	2	**3E-4353**	1	WASHER-HARD (11X25X3-MM THK)	
	46	2	**3S-1546**	1	NUT-FULL (7/16-14-THD)	
C	47	1,2,3	**5M-2894**	10	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	48	2	**5P-8244**	3	WASHER-HARD (12X22.5X2.5-MM THK)	
M	49	2	**6V-5230**	2	BOLT (M10X1.5X60-MM)	
	50	2	**6V-5839**	3	WASHER (11X21X2.5-MM THK)	
M	51	2	**6V-7981**	1	BOLT (M10X1.5X70-MM)	
	52	3	**6V-8632**	1	CONNECTOR	
	53	1	**7F-2050**	1	LOCKNUT (3/4-16-THD)	
	54	1,3	**9S-8752**	3	NUT-FULL (3/8-16-THD)	
	55	1,2,3	**8T-1889**	6	CLIP (SLOT)	
	56	1,2,3	**8T-1890**	6	CLIP (TAB)	
	57	2	**8T-9382**	2	BOLT (7/16-14X1.25-IN)	
	58	1,3	**352-7474**	2	BRACKET	
	59	3	**4P-7581**	1	CLIP (LADDER)	

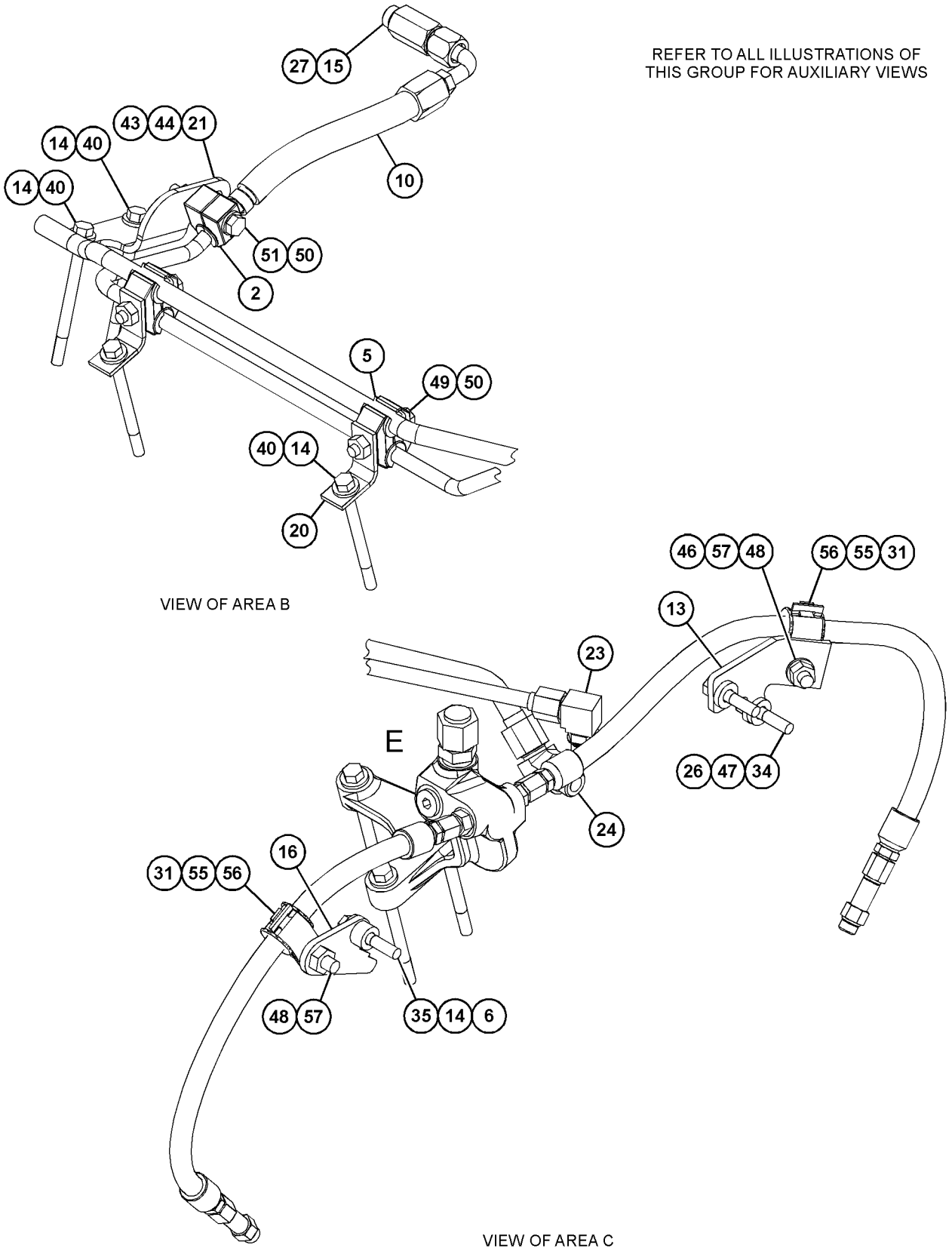
C - CHANGE FROM PREVIOUS TYPE
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART
Y - SEPARATE ILLUSTRATION

256-7940 **LINES GP-FUEL FILTER (**contd.**)** **i06902506**



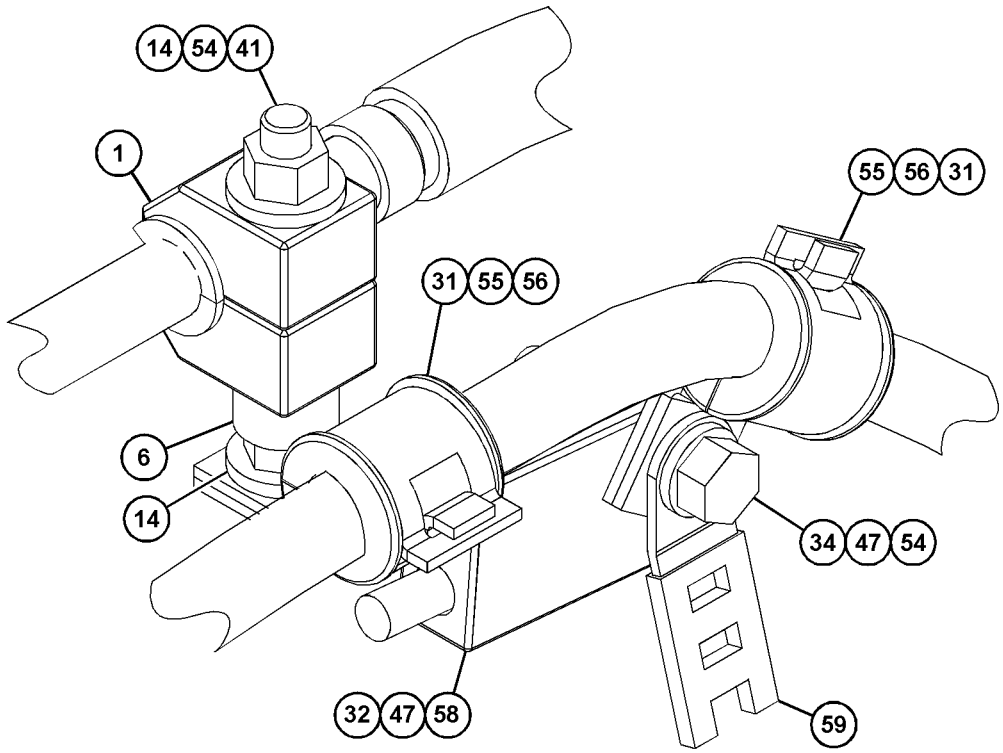
GRAPHIC #1 g06170845

256-7940 **LINES GP-FUEL FILTER (**contd.**)** **i06902506**

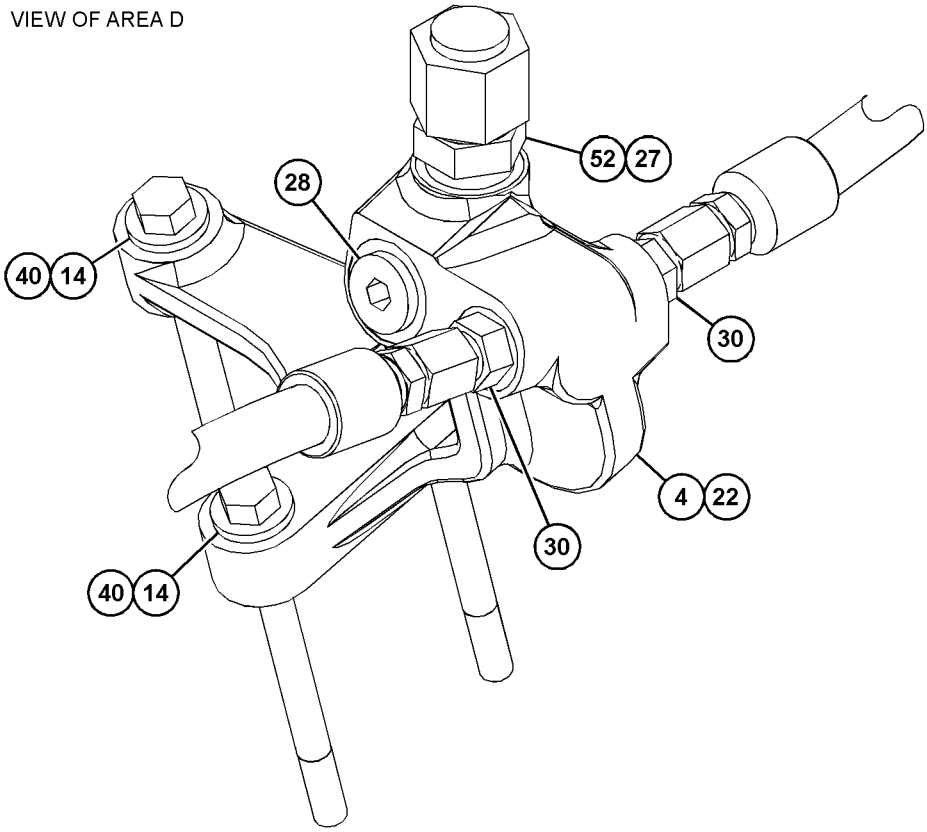


GRAPHIC #2 g06170846

256-7940 **LINES GP-FUEL FILTER (**contd.**)** **i06902506**



VIEW OF AREA D



VIEW OF AREA E

GRAPHIC #3 <END> g06170847

256-7941 MOUNTING GP-FUEL FILTER

S/N: EHX2416-2563

PART OF 217-5670 ENGINE AR-COMPLETE

SMCS-1261, 1262 **i02942003**

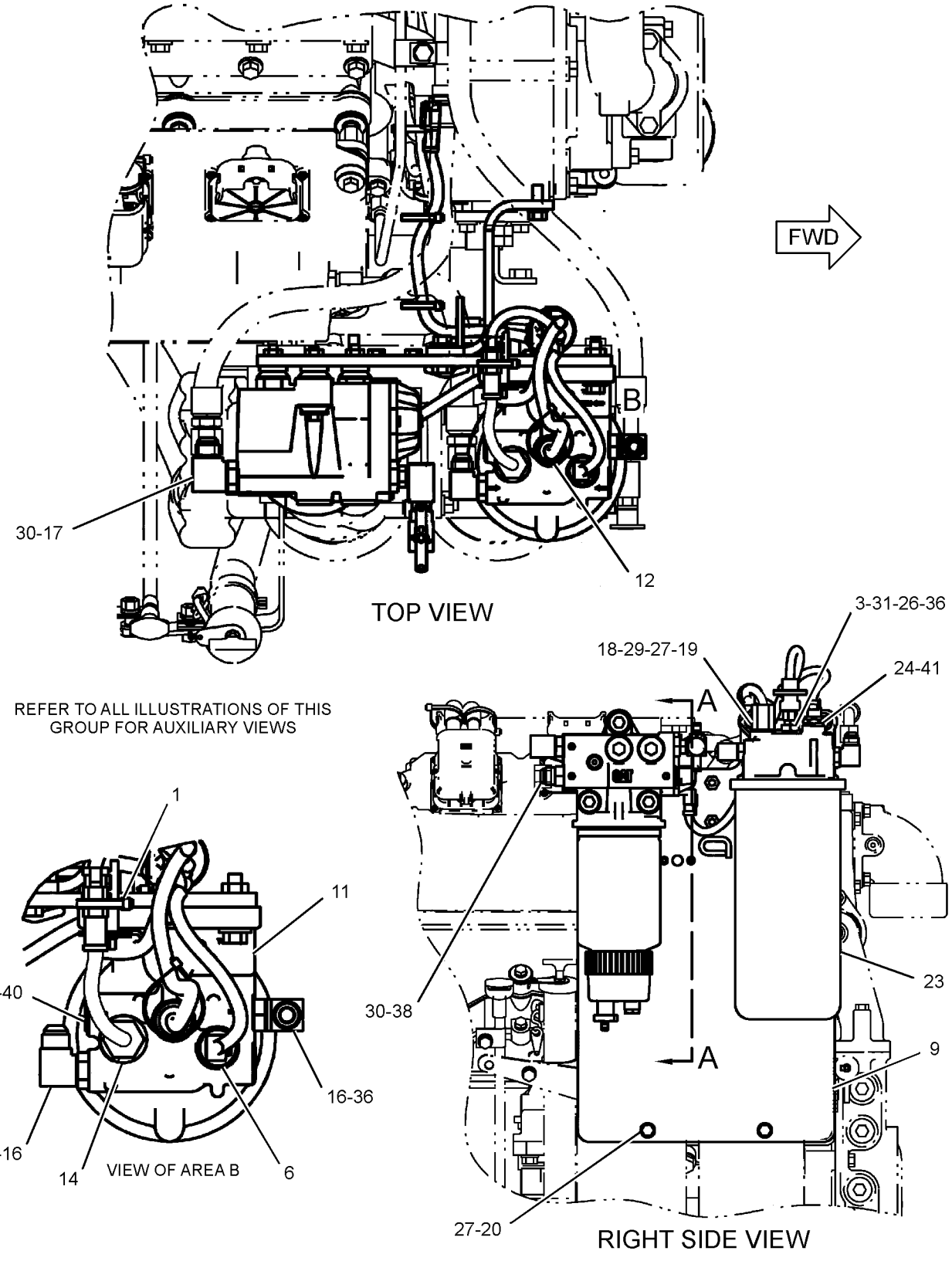
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1,2	**3S-2093**	6	STRAP-CABLE	
	2	2	**6N-1127**	1	SHIELD (OIL FILTER)	
	3	1	**9X-0262**	1	ADAPTER	
	4	2	**191-1782**	1	SPACER (8.5X12.7X38.2-MM THK)	
	5	2	**191-1783**	2	SPACER (8.5X12.7X87.3-MM THK)	
Y	6	1	*197-8391*	1	SENSOR GP-TEMPERATURE (FUEL)	496
	7	2	**201-4340**	1	PLUG AS	
		2	**6V-4589**	1	SEAL-O-RING	
		2	**9S-8006**	1	PLUG (7/8-14-THD)	
	8	2	**217-5675**	1	BRACKET	
	9	1	**217-5676**	1	PLATE AS	
	10	2	**231-3606**	1	HARNESS AS	
		2	**102-8802**	2	KIT-RECEPTACLE (2-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
		2	**102-8803**	2	KIT-RECEPTACLE (3-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
		2	**102-8806**	2	KIT-RECEPTACLE (8-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
		2	**8T-8737**	3	PLUG-SEAL	
		2	**155-2270**	7	KIT-CONNECTING PLUG (2-PIN)	
					(EACH INCLUDES PLUG AS & WEDGE)	
		2	**9X-3401**	12	PIN-CONNECTOR (16-GA TO 18-GA)	
					—OR—	
		2	**126-1767**	12	PIN-CONNECTOR (14-GA TO 16-GA)	
		2	**194-5226**	6	WIRE AS (16-GA)	
					—OR—	
		2	**194-5227**	6	WIRE AS (14-GA)	
	11	1	**237-9307**	1	BASE AS-FUEL FILTER	
		1	**237-9323**	1	STUD	
Y	12	1	*239-2396*	1	SENSOR GP-PRESSURE (FUEL)	488
Y	13	2	**252-1363**	1	PUMP GP-FUEL PRM & WATER SEP	319
Y	14	1	**258-0883**	1	SWITCH GP-PRESSURE (FUEL)	534
	15	2	**260-9234**	1	VALVE-SHUTOFF	
	16	1	**118-4728**	2	ELBOW	
	17	1	**030-7949**	1	ELBOW	
	18	1	**132-5789**	1	CLIP (LADDER)	
	19	1	**0S-1571**	1	BOLT (3/8-16X1.75-IN)	
	20	1	**0S-1588**	2	BOLT (3/8-16X1.25-IN)	
	21	2	**0S-1594**	4	BOLT (3/8-16X1-IN)	
	22	2	**1D-4539**	1	BOLT (5/16-18X2.5-IN)	
	23	1	**1R-0755**	1	FILTER-FUEL (ADVANCED EFFICIENCY) (SECONDARY)	
	24	1	**2A-4639**	1	BOLT (3/8-16X1.625-IN)	
	25	2	**3H-5932**	2	BOLT (5/16-18X4.5-IN)	
	26	1	**3P-1932**	1	ADAPTER	
	27	1,2	**5M-2894**	5	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	28	2	**5P-1404**	1	ADAPTER	
	29	1	**5P-9297**	1	CLIP	
	30	1,2	**6V-4589**	3	SEAL-O-RING	

256-7941 **MOUNTING GP-FUEL FILTER (**contd.**)** **i02942003**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	31	1	**6V-5048**	1	SEAL-O-RING	
	32	2	**6V-5049**	2	SEAL-O-RING	
	33	2	**6V-2611**	1	VALVE (DRAIN)	
	34	2	**7F-9090**	2	SCREW-DRIVE (NO 8X3/8-IN)	
	35	2	**7X-0613**	3	WASHER-HARD (8.8X25.5X5-MM THK)	
	36	1,2	**8L-2786**	5	SEAL-O-RING	
	37	2	**8T-9655**	6	MOUNT-ISOLATION	
	38	1	**9M-4584**	1	CONNECTOR (FLARED)	
	39	2	**9N-0869**	3	WASHER-HARD (8.8X25.5X2-MM THK)	
	40	1,2	**9S-8005**	2	PLUG (3/4-16-THD)	
	41	1,2	**9X-6458**	3	WASHER-HARD (10.2X22.5X3-MM THK)	

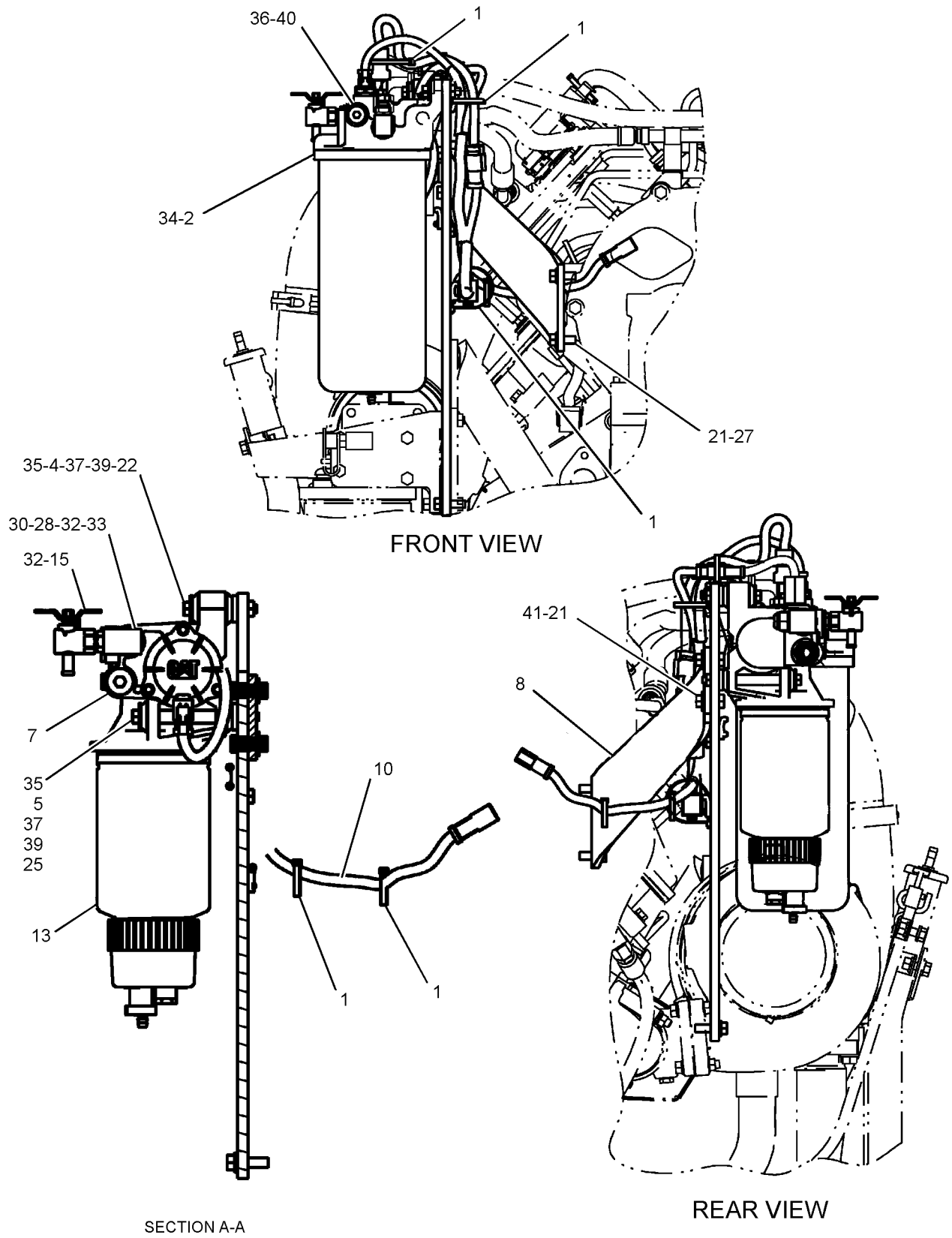
Y - SEPARATE ILLUSTRATION

256-7941 **MOUNTING GP-FUEL FILTER** (contd.) **i02942003**



GRAPHIC #1 g01219929

256-7941 **MOUNTING GP-FUEL FILTER** (contd.) **i02942003**



GRAPHIC #2 <END> g01220119

256-7941 MOUNTING GP-FUEL FILTER

S/N: EHX1-UP

PART OF 217-5670, 271-8633, 360-3755 ENGINE AR-COMPLETE

TYPE 1

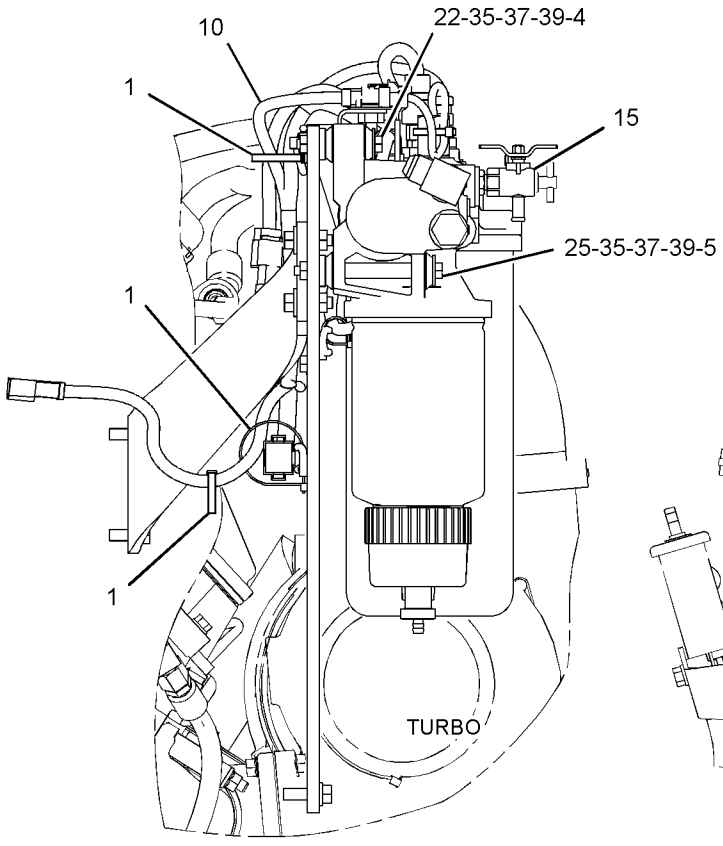
SMCS-1261, 1262 **i03639568**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1,2	**3S-2093**	7	STRAP-CABLE	
	2	2	**6N-1127**	1	SHIELD	
	3	2	**9X-0262**	1	ADAPTER	
	4	1	**191-1782**	1	SPACER (8.5X12.7X38.2-MM THK)	
	5	1	**191-1783**	2	SPACER (8.5X12.7X87.3-MM THK)	
CY	6	2	*234-5013*	1	SENSOR GP-TEMPERATURE (FUEL)	500
	7	2	*201-4340*	1	PLUG AS	
		2	**6V-4589**	1	SEAL-O-RING	
		2	**9S-8006**	1	PLUG (7/8-14-THD)	
	8	1	**217-5675**	1	BRACKET	
	9	2	**217-5676**	1	PLATE AS	
		2	**1F-0750**	4	NUT-WELD (3/8-16-THD)	
		2	**4K-9097**	3	NUT-WELD (5/16-18-THD)	
M		2	**6V-9632**	2	NUT-WELD (M6X1-THD)	
		2	**7T-1099**	3	LINK	
C	10	1	**276-3097**	1	HARNESS AS-SENSOR (FUEL PRESSURE)	
		1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS, INTERFACE SEAL, & WEDGE)	
		1	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS, INTERFACE SEAL, & WEDGE)	
		1	**102-8806**	1	KIT-RECEPTACLE (8-PIN)	
					(INCLUDES RECEPTACLE AS, INTERFACE SEAL, & WEDGE)	
		1	**8T-8737**	3	PLUG-SEAL	
		1	**155-2270**	1	KIT-CONNECTING PLUG (2-PIN)	
					(INCLUDES PLUG AS, INTERFACE SEAL, & WEDGE)	
		1	**180-9340**	1	SOCKET-CONNECTOR (14-GA TO 18-GA)	
		1	**230-4011**	1	PLUG AS-CONNECTOR (2-PIN)	
		1	**264-7029**	1	SEAL-CONNECTOR	
	11	2	**237-9307**	1	BASE AS-FUEL FILTER	
		2	**237-9323**	1	STUD	
Y	12	2	*239-2396*	1	SENSOR GP-PRESSURE (FUEL)	488
Y	13	2	**252-1363**	1	PUMP GP-FUEL PRM & WATER SEP	319
CY	14	2	**275-1253**	1	SWITCH GP-PRESSURE (FUEL)	535
	15	1	**260-9234**	1	VALVE-SHUTOFF	
	16	2	**118-4728**	2	ELBOW	
	17	2	**030-7949**	1	ELBOW	
	18	2	**132-5789**	1	CLIP (LADDER)	
	19	2	**0S-1571**	1	BOLT (3/8-16X1.75-IN)	
	20	1,2	**0S-1588**	4	BOLT (3/8-16X1.25-IN)	
	21	1,2	**0S-1594**	3	BOLT (3/8-16X1-IN)	
	22	1	**1D-4539**	1	BOLT (5/16-18X2.5-IN)	
	23	2	**1R-0755**	1	FILTER-FUEL (ADVANCED EFFICIENCY) (SECONDARY)	
	24	2	**2A-4639**	1	BOLT (3/8-16X1.625-IN)	
	25	1	**3H-5932**	2	BOLT (5/16-18X4.5-IN)	

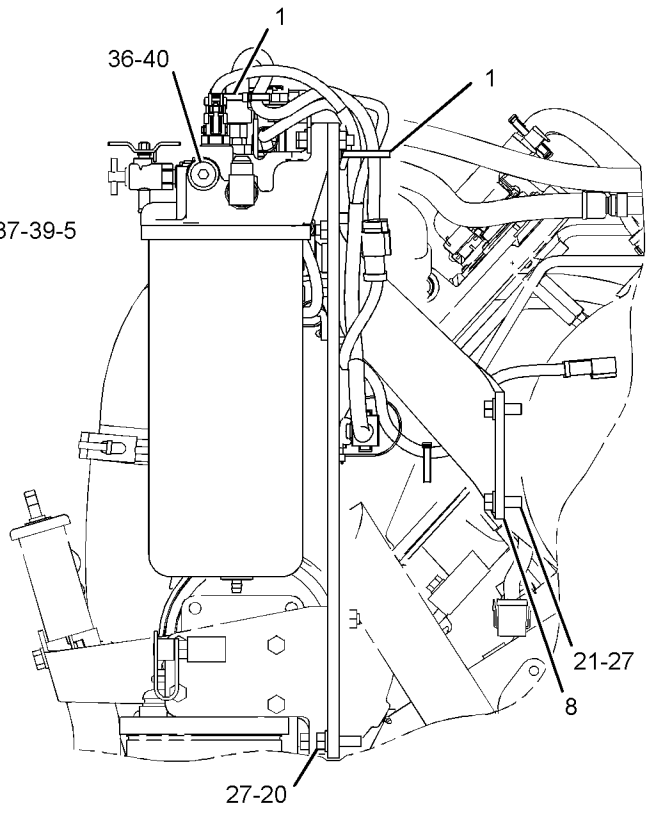
256-7941 **MOUNTING GP-FUEL FILTER (**contd.**)** **i03639568**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	26	2	**3P-1932**	1	ADAPTER	
	27	1,2	**5M-2894**	6	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	28	2	**5P-1404**	1	ADAPTER	
	29	2	**130-5300**	1	CLIP	
	30	2	**6V-4589**	2	SEAL-O-RING	
	31	2	**6V-5048**	1	SEAL-O-RING	
	32	2	**214-7568**	2	SEAL-O-RING	
	34	2	**7F-9090**	2	SCREW-DRIVE (NO 8X3/8-IN)	
	35	1	**7X-0613**	3	WASHER-HARD (8.8X25.5X5-MM THK)	
	36	1,2	**8L-2786**	5	SEAL-O-RING	
	37	1	**8T-9655**	6	MOUNT-ISOLATION	
C	38	2	**9S-4190**	1	PLUG-O-RING (7/8-14-THD)	
	39	1	**9N-0869**	3	WASHER-HARD (8.8X25.5X2-MM THK)	
	40	1,2	**9S-8005**	2	PLUG (3/4-16-THD)	
	41	2	**9X-6458**	3	WASHER-HARD (10.2X22.5X3-MM THK)	
	42	2	**2M-9780**	1	SEAL-O-RING	
	43	2	**124-3019**	1	BRACKET AS	
M		2	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	44	2	**6V-8076**	1	ELBOW	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
Y - SEPARATE ILLUSTRATION



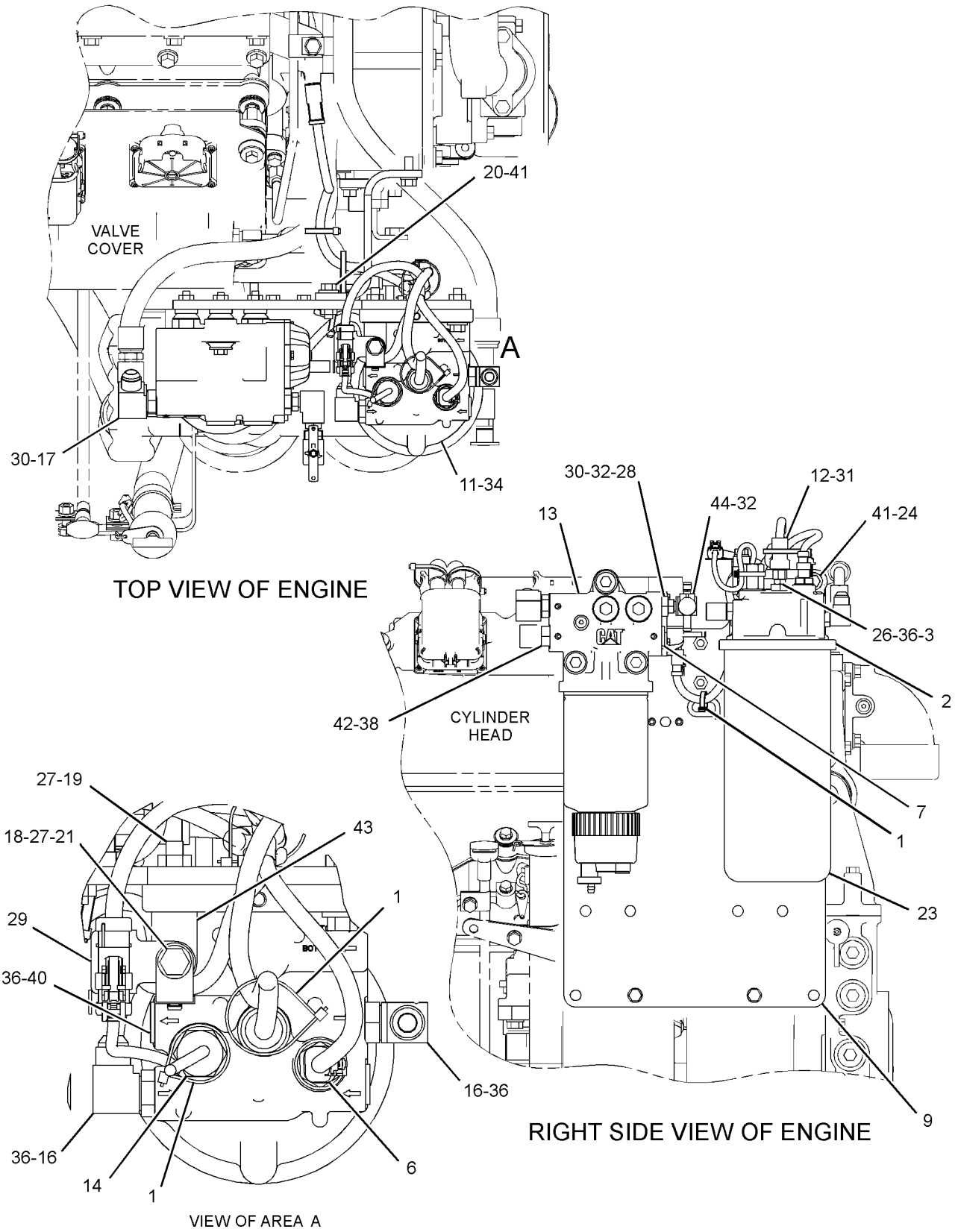
REAR VIEW OF ENGINE



FRONT VIEW OF ENGINE

GRAPHIC #1 g02029174

256-7941 **MOUNTING GP-FUEL FILTER (**contd.**)** **i03639568**



GRAPHIC #2 <END> g02029175

256-7941 MOUNTING GP-FUEL FILTER

S/N: EHX1-UP
PART OF 217-5670, 271-8633 ENGINE AR-COMPLETE
TYPE 2

SMCS-1261, 1262 **i06542080**

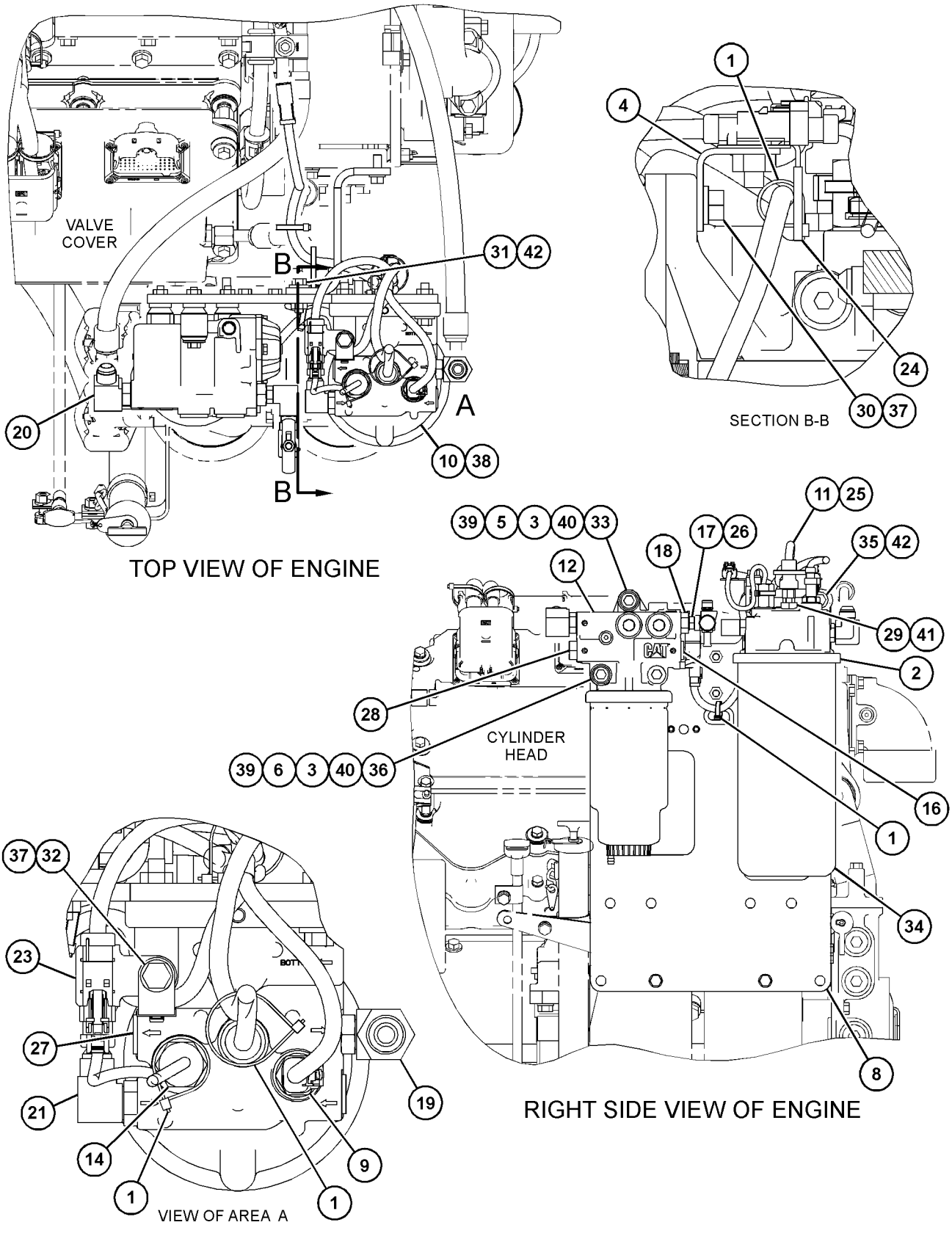
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1,2	**3S-2093**	7	STRAP-CABLE	
	2	1	**6N-1127**	1	SHIELD	
	3	1	**8T-9655**	6	MOUNT-ISOLATION	
	4	1	**124-3019**	1	BRACKET AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	5	1	**191-1782**	1	SPACER (8.5X12.7X38.2-MM THK)	
	6	1	**191-1783**	2	SPACER (8.5X12.7X87.3-MM THK)	
	7	2	**217-5675**	1	BRACKET	
	8	1	**217-5676**	1	PLATE AS	
		1	**1F-0750**	4	NUT-WELD (3/8-16-THD)	
		1	**4K-9097**	3	NUT-WELD (5/16-18-THD)	
M		1	**6V-9632**	2	NUT-WELD (M6X1-THD)	
		1	**7T-1099**	3	LINK	
Y	9	1	*234-5013*	1	SENSOR GP-TEMPERATURE (FUEL)	500
	10	1	**237-9307**	1	BASE AS-FUEL FILTER	
		1	**237-9323**	1	STUD	
Y	11	1	*239-2396*	1	SENSOR GP-PRESSURE (FUEL)	488
CY	12	1	**247-6050**	1	PUMP GP-FUEL PRIMING	314
	13	2	**260-9234**	1	VALVE-SHUTOFF	
Y	14	1	**275-1253**	1	SWITCH GP-PRESSURE (FUEL)	535
	15	2	**276-3097**	1	HARNESS AS-SENSOR (FUEL PRESSURE)	
		2	**230-4012**	1	RECEPTACLE AS-CONNECTOR (2-PIN)	
		2	**9X-3401**	14	PIN-CONNECTOR (16-GA TO 18-GA)	
					—OR—	
		2	**126-1767**	14	PIN-CONNECTOR (14-GA TO 16-GA)	
		2	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		2	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		2	**102-8806**	1	KIT-RECEPTACLE (8-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		2	**8T-8737**	3	PLUG-SEAL	
		2	**155-2270**	1	KIT-CONNECTING PLUG (2-PIN)	
					(INCLUDES PLUG AS, INTERFACE SEAL, & WEDGE)	
		2	**194-5226**	4	WIRE AS (16-GA)	
					—OR—	
		2	**194-5226**	4	WIRE AS (16-GA)	
		2	**230-4011**	1	PLUG AS-CONNECTOR (2-PIN)	
		2	**455-0704**	1	SEAL-CONNECTOR	
C	16	1	*309-5131*	1	PLUG AS	
		1	**238-5081**	1	SEAL-O-RING	
		1	**9S-8006**	1	PLUG (7/8-14-THD)	
C	17	1	*321-8657*	1	ELBOW AS	
		1	**214-7568**	1	SEAL-O-RING	
		1	**6V-8076**	1	ELBOW	
C	18	1	*329-5459*	1	ADAPTER AS	
		1	**238-5081**	1	SEAL-O-RING	

256-7941 **MOUNTING GP-FUEL FILTER (**contd.**)** **i06542080**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		1	**5P-1404**	1	ADAPTER	
C	19	1	*351-0258*	1	ELBOW AS	
		1	**1P-7625**	1	ELBOW	
		1	**238-5080**	1	SEAL-O-RING	
C	20	1	*353-5133*	1	ELBOW AS	
		1	**030-7949**	1	ELBOW	
		1	**238-5081**	1	SEAL-O-RING	
C	21	1	*353-5134*	1	ELBOW AS	
		1	**118-4728**	1	ELBOW	
		1	**238-5080**	1	SEAL-O-RING	
C	22	2	**423-8525**	1	FILTER GP-WATER SEP & FUEL	
	23	1	**130-5300**	1	CLIP	
	24	1	**132-5789**	1	CLIP (LADDER)	
C	25	1	**214-7566**	1	SEAL-O-RING	
	26	1	**214-7568**	2	SEAL-O-RING	
C	27	1,2	*307-2673*	2	PLUG AS	
					(EACH INCLUDES)	
		1,2	**238-5080**	1	SEAL-O-RING	
		1,2	**9S-8005**	1	PLUG (3/4-16-THD)	
C	28	1	*313-3492*	1	PLUG AS	
		1	**238-5081**	1	SEAL-O-RING	
		1	**9S-4190**	1	PLUG-O-RING (7/8-14-THD)	
C	29	1	*321-8654*	1	ADAPTER AS	
		1	**238-5080**	1	SEAL-O-RING	
		1	**3P-1932**	1	ADAPTER	
	30	1	**165-3931**	1	BOLT (3/8-16X1.75-IN)	
	31	1,2	**0S-1588**	4	BOLT (3/8-16X1.25-IN)	
	32	1,2	**0S-1594**	3	BOLT (3/8-16X1-IN)	
	33	1	**1D-4539**	1	BOLT (5/16-18X2.5-IN)	
	34	1	**1R-0755**	1	FILTER-FUEL (ADVANCED EFFICIENCY) (SECONDARY)	
	35	1	**2A-4639**	1	BOLT (3/8-16X1.625-IN)	
	36	1	**3H-5932**	2	BOLT (5/16-18X4.5-IN)	
	37	1,2	**5M-2894**	6	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	38	1	**7F-9090**	2	SCREW-DRIVE (NO 8X3/8-IN)	
	39	1	**7X-0613**	3	WASHER-HARD (8.8X25.5X5-MM THK)	
	40	1	**9N-0869**	3	WASHER-HARD (8.8X25.5X2-MM THK)	
	41	1	**9X-0262**	1	ADAPTER	
	42	1	**9X-6458**	3	WASHER-HARD (10.2X22.5X3-MM THK)	

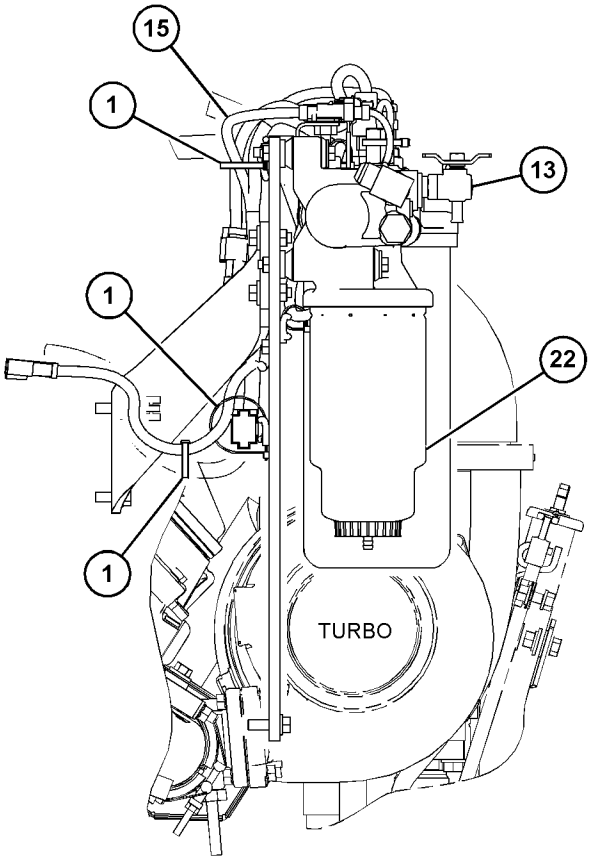
C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
Y - SEPARATE ILLUSTRATION

256-7941 **MOUNTING GP-FUEL FILTER (**contd.**)** **i06542080**

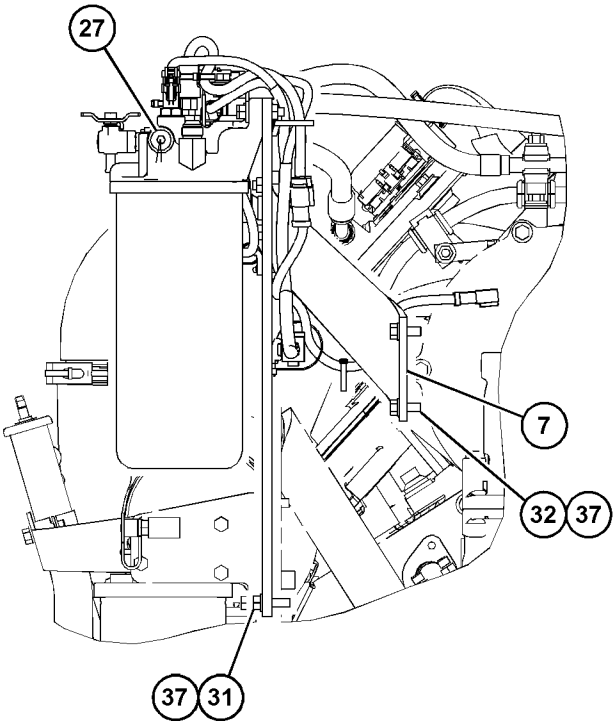


GRAPHIC #1 g06155526

256-7941 **MOUNTING GP-FUEL FILTER (**contd.**)** **i06542080**



REAR VIEW OF ENGINE



FRONT VIEW OF ENGINE

GRAPHIC #2 <END> g06155527

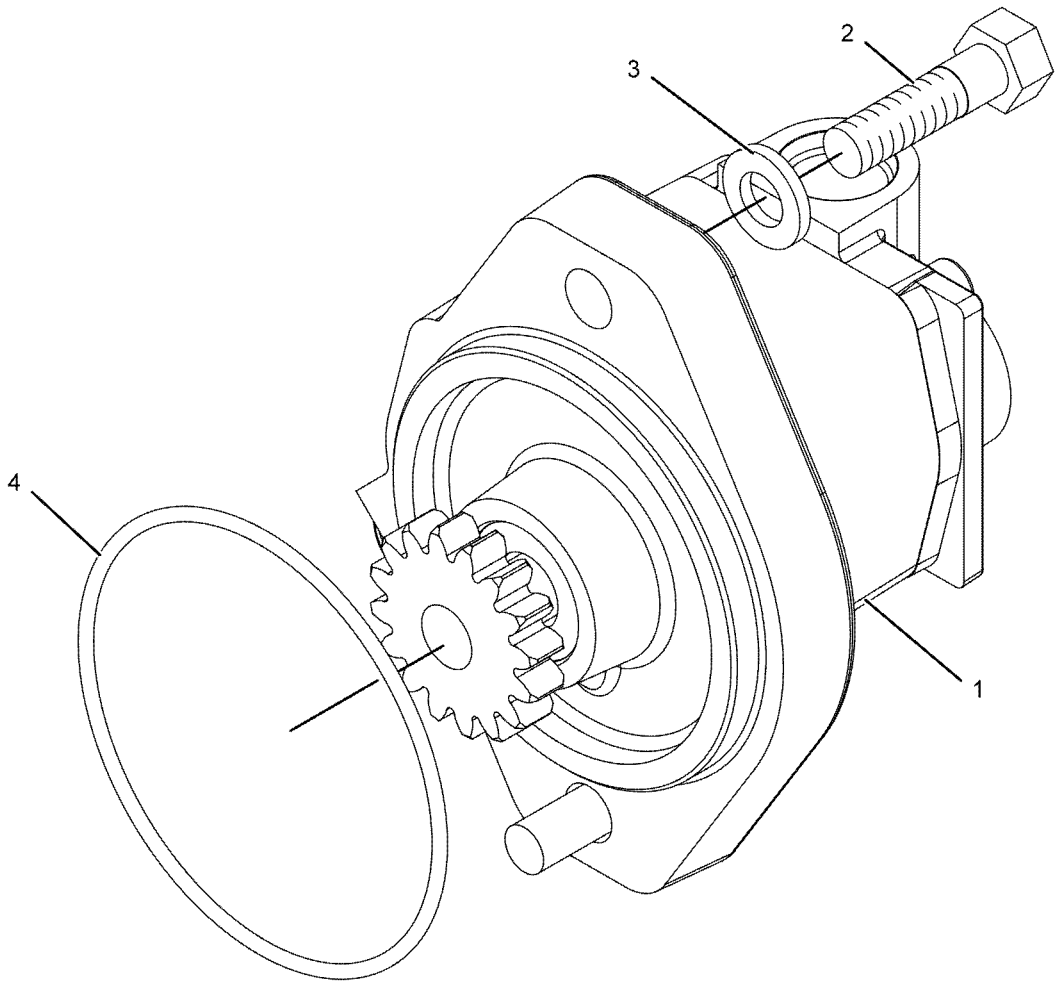
223-6421 PUMP & MTG GP-FUEL TRANSFER

S/N: EHX1-UP
PART OF 217-5670 ENGINE AR-COMPLETE
TYPE 1

SMCS-1256 **i02041100**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	*242-5174*	1	PUMP GP-FUEL TRANSFER	320
	2	1	**3B-1915**	2	BOLT (3/8-16X1.375-IN)	
	3	1	**5M-2894**	2	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	4	1	**8C-3089**	1	SEAL-O-RING	

Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g01051199

223-6421 PUMP & MTG GP-FUEL TRANSFER

S/N: EHX1-UP

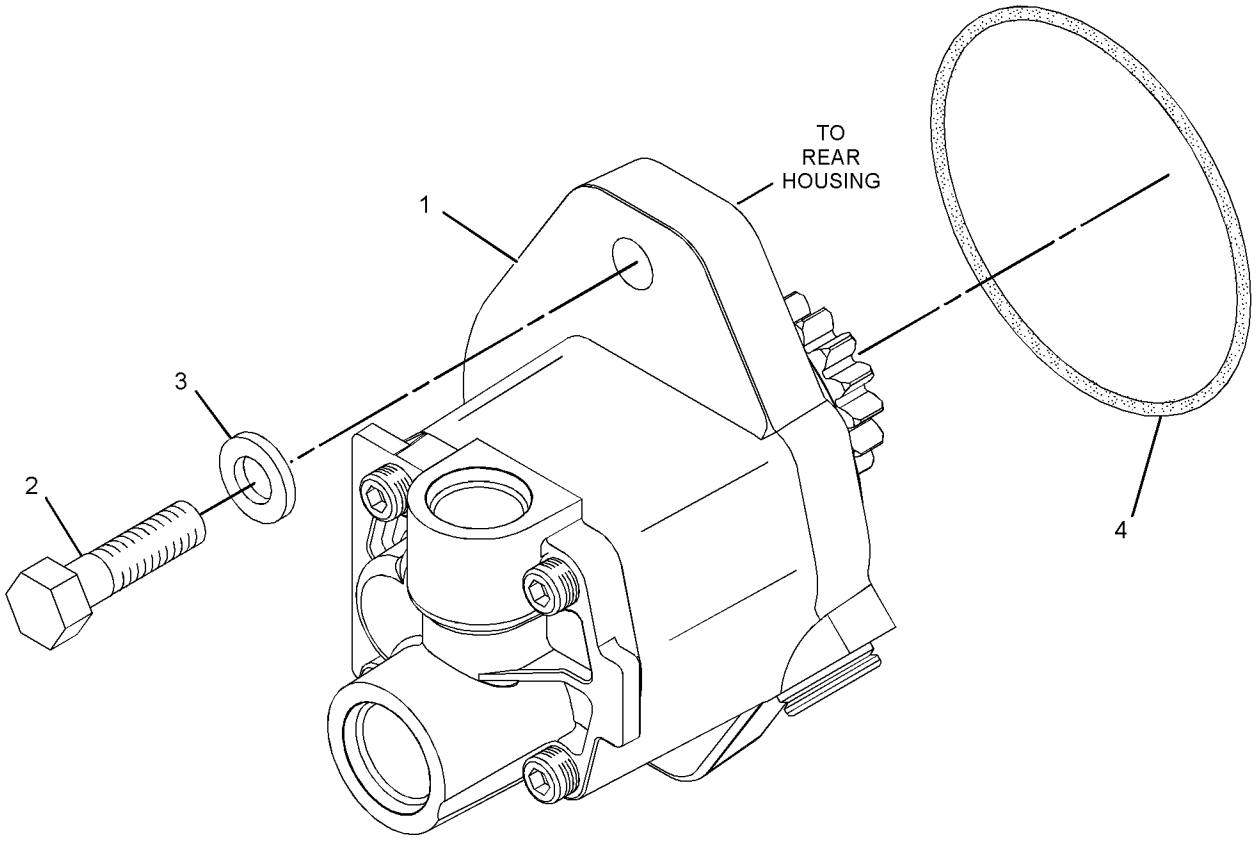
PART OF 217-5670, 271-8633, 360-3755 ENGINE AR-COMPLETE

TYPE 2

SMCS-1256 **i06840384**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
CYR	1	1	**394-1397**	1	PUMP GP-FUEL TRANSFER	321
	2	1	**3B-1915**	2	BOLT (3/8-16X1.375-IN)	
	3	1	**5M-2894**	2	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	4	1	**8C-3089**	1	SEAL-O-RING	

C - CHANGE FROM PREVIOUS TYPE
R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g01265412

223-6421 PUMP & MTG GP-FUEL TRANSFER

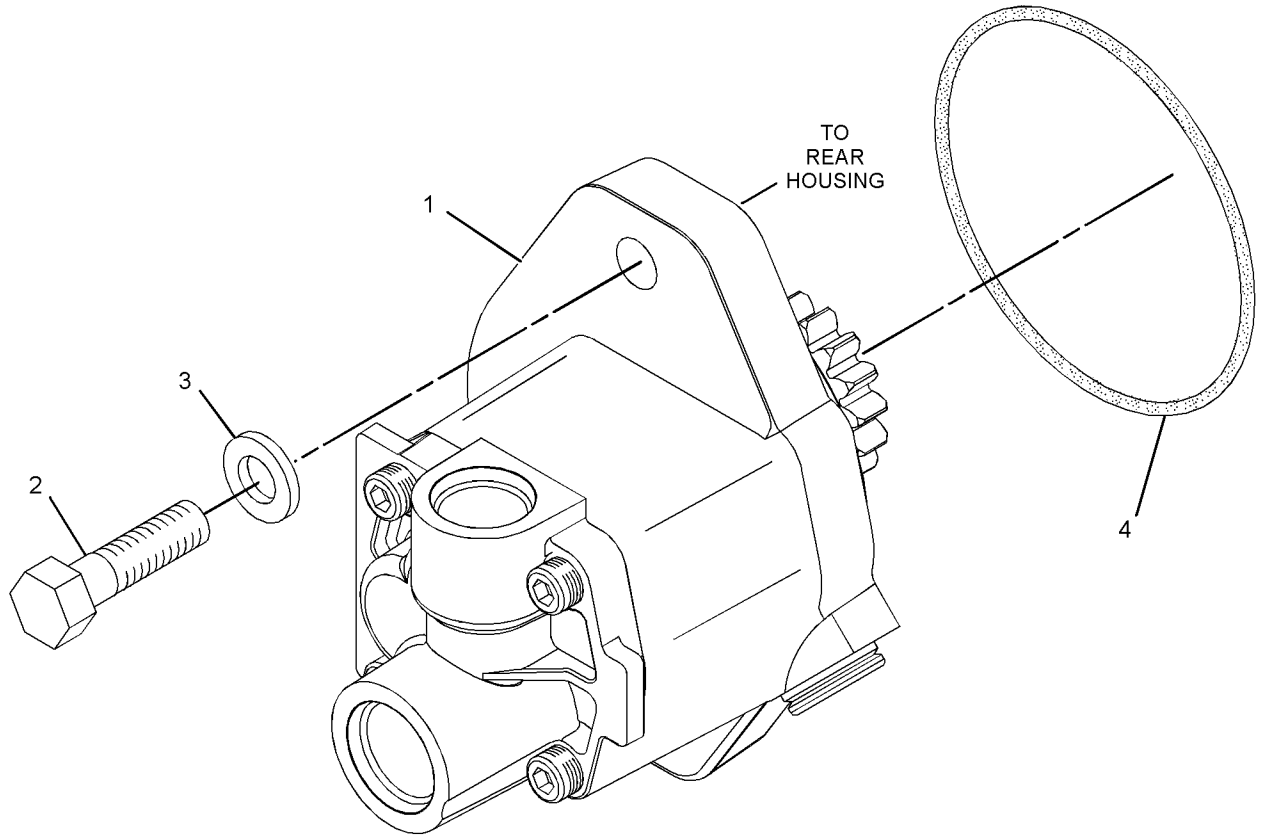
S/N: EHX5445-UP

PART OF 217-5670, 271-8633 ENGINE AR-COMPLETE

SMCS-1256 **i05401436**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
CYR	1	1	**394-1398**	1	PUMP GP-FUEL TRANSFER	322
	2	1	**3B-1915**	2	BOLT (3/8-16X1.375-IN)	
	3	1	**5M-2894**	2	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	4	1	**8C-3089**	1	SEAL-O-RING	

C - CHANGE FROM PREVIOUS TYPE
R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g01265412

238-0489 PUMP GP-FUEL INJECTION

S/N: EHX1-UP

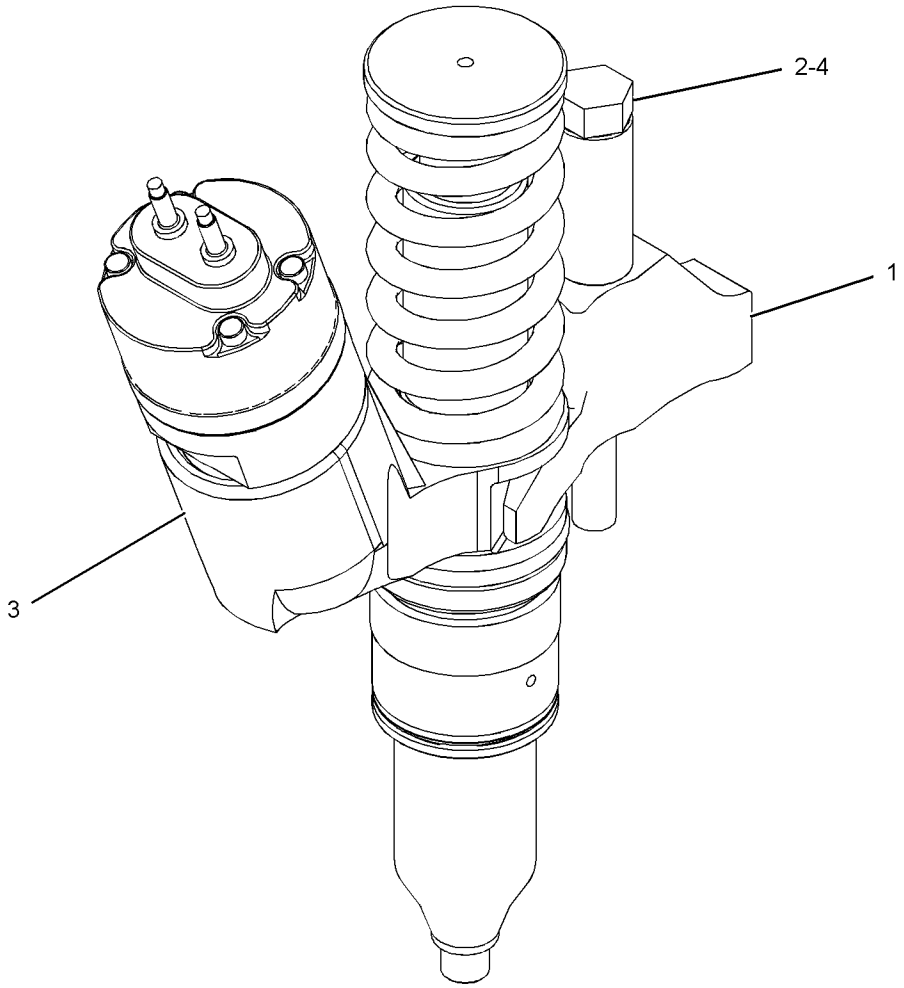
PART OF 231-3701, 262-9144, 350-5499 ENGINE AR-CORE

TYPE 1

SMCS-1251, 1290 **i06145062**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6I-0213**	1	CLAMP	
	2	1	**100-5072**	1	SPACER (9.8X15.85X37.6-MM THK)	
R	3	1	**253-0617**	1	INJECTOR GP-FUEL	
		1	**230-3775**	1	SEAL-O-RING	
		1	**230-3728**	1	SEAL-O-RING	
		1	**9X-7317**	1	SEAL-O-RING	
	4	1	**8S-9191**	1	BOLT (3/8-16X4-IN)	

R - REMANUFACTURED PART MAY BE AVAILABLE



GRAPHIC #1 <END> g03328977

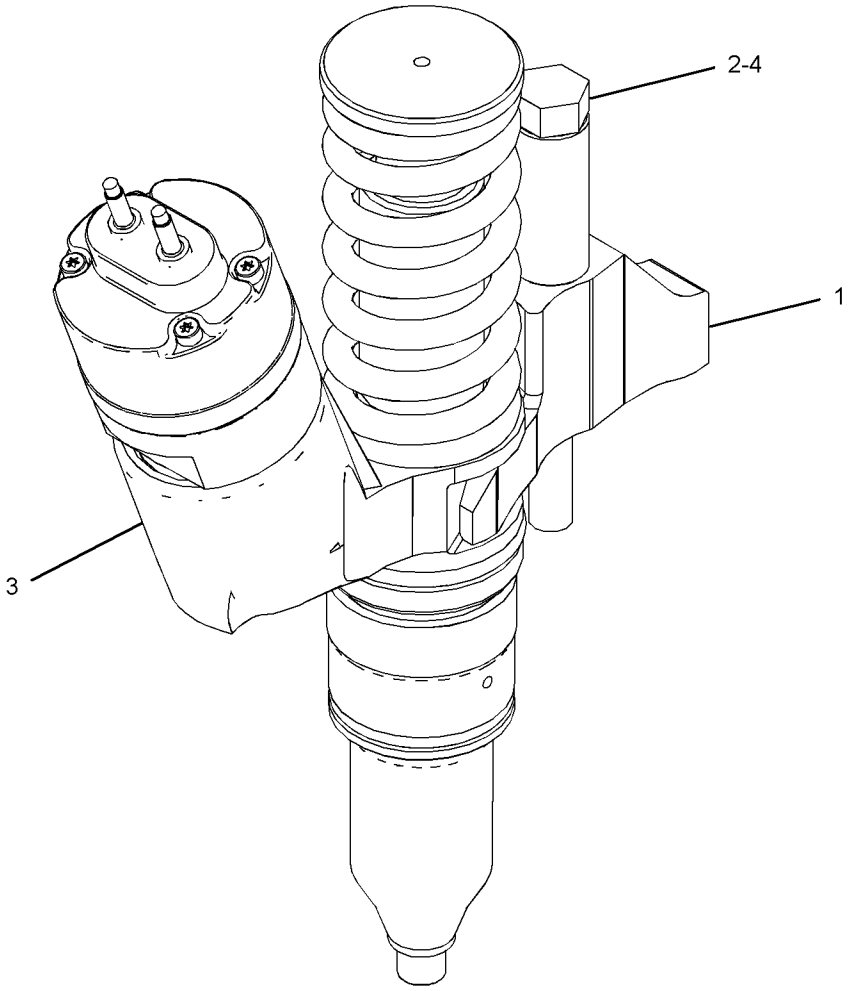
238-0489 PUMP GP-FUEL INJECTION

S/N: EHX1-UP
PART OF 350-5499 ENGINE AR-CORE
TYPE 2

SMCS-1251, 1290 **i06145132**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6I-0213**	1	CLAMP	
	2	1	**100-5072**	1	SPACER (9.8X15.85X37.6-MM THK)	
CYR	3	1	**374-0751**	1	INJECTOR GP-FUEL	267
	4	1	**8S-9191**	1	BOLT (3/8-16X4-IN)	

C - CHANGE FROM PREVIOUS TYPE
R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g03826568

247-6050 PUMP GP-FUEL PRIMING

S/N: EHX1-UP

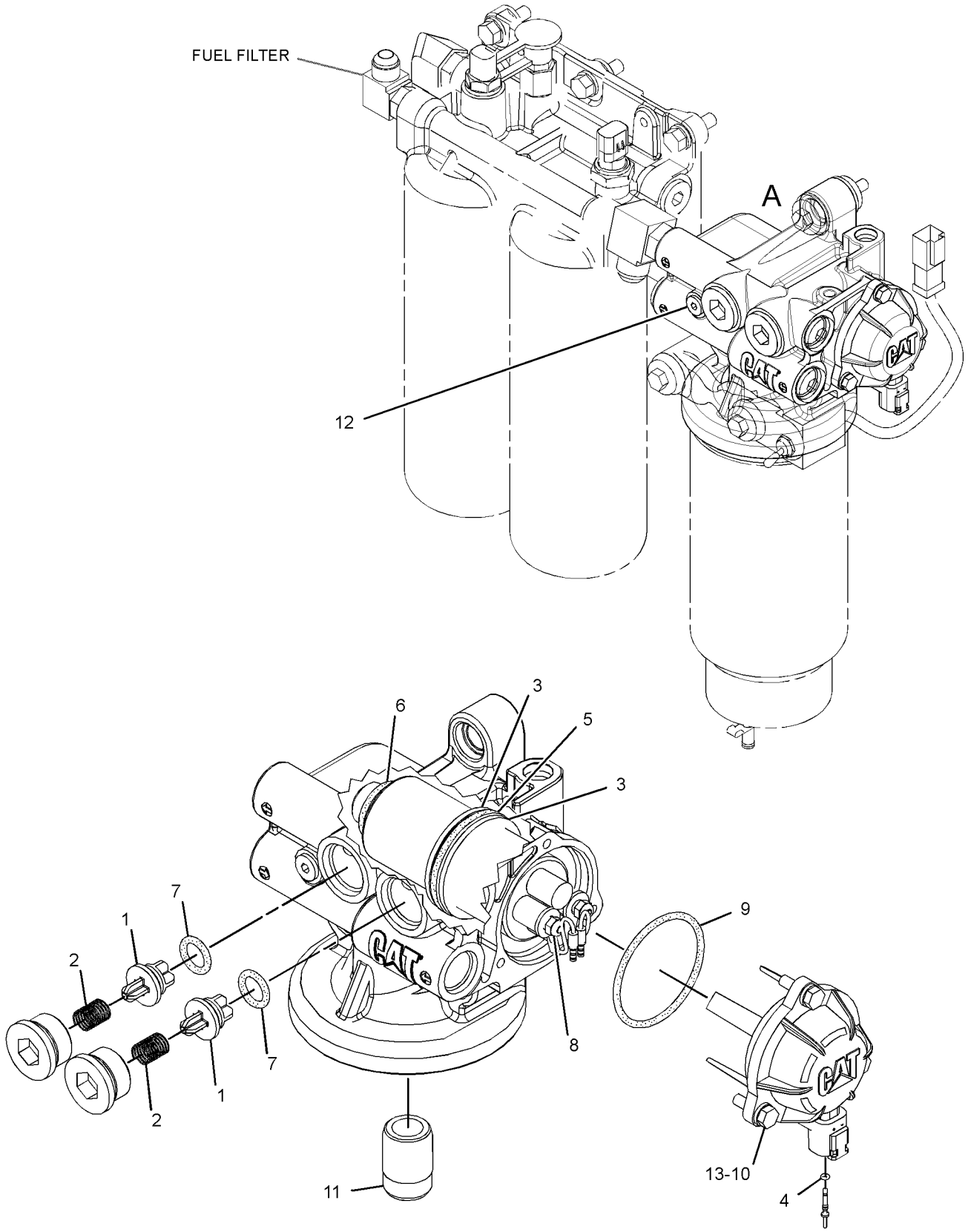
PART OF 256-7941 MOUNTING GP-FUEL FILTER

SMCS-1258 **i05657374**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**436-8983**	2	VALVE-CHECK	
	2	1	**162-2222**	2	SPRING	
	3	1	**173-1016**	2	RING-BACKUP	
	4	1	**179-7400**	2	SEAL	
	5	1	**188-7536**	1	SEAL	
	6	1	**188-7541**	1	SEAL	
	7	1	**236-6717**	2	SEAL-O-RING	
	8	1	**6D-5801**	2	LOCKNUT (8-32-THD)	
	9	1	**447-7206**	1	SEAL-O-RING	
M	10	1	**8T-4138**	3	BOLT (M6X1X20-MM)	
	11	1	**9S-4167**	1	STUD-HOLLOW (1-14X1.47-IN)	
	12	1	**9S-8002**	1	PLUG (7/16-20-THD)	
	13	1	**9X-8267**	3	WASHER (6.6X12X2-MM THK)	
					PARTS SHOWN IN GRAPHIC(S) WITHOUT A REFERENCE NUMBER ARE NOT SERVICED SEPARATELY	

M - METRIC PART

247-6050 **PUMP GP-FUEL PRIMING (**contd.**)** **i05657374**



VIEW OF AREA A

GRAPHIC #1 <END> g02854219

221-1439 PUMP GP-FUEL PRM & PRIM FILTER

S/N: EHX1-2415

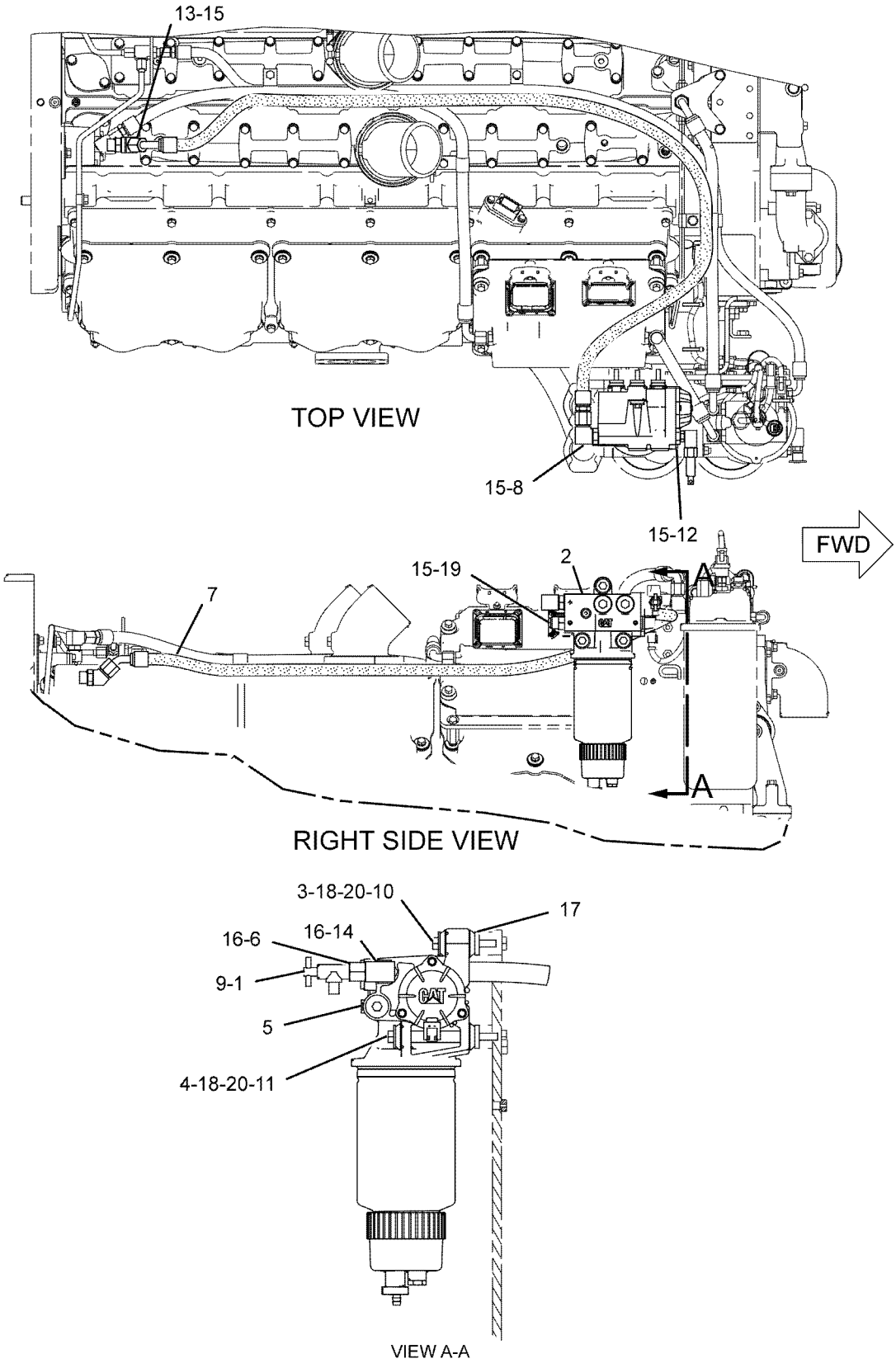
PART OF 217-5670 ENGINE AR-COMPLETE

SMCS-1258, 1260 **i02041083**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6V-2611**	1	VALVE (DRAIN) (SHUTOFF)	
Y	2	1	**190-8977**	1	PUMP GP-FUEL PRM & WATER SEP	318
	3	1	**191-1782**	1	SPACER (8.5X12.7X38.2-MM THK)	
	4	1	**191-1783**	2	SPACER (8.5X12.7X87.3-MM THK)	
	5	1	**201-4340**	1	PLUG AS	
		1	**6V-4589**	1	SEAL-O-RING	
		1	**9S-8006**	1	PLUG (7/8-14-THD)	
	6	1	**205-3079**	1	ADAPTER	
I	7	1	**238-6941**	1	HOSE AS	
	8	1	**030-7949**	1	ELBOW	
	9	1	**109-3206**	1	SEAL-O-RING	
	10	1	**1D-4539**	1	BOLT (5/16-18X2.5-IN)	
	11	1	**3H-5932**	2	BOLT (5/16-18X4.5-IN)	
	12	1	**5P-1404**	1	ADAPTER	
	13	1	**6M-7476**	1	ELBOW	
	14	1	**6V-0484**	1	ELBOW	
	15	1	**6V-4589**	4	SEAL-O-RING	
	16	1	**6V-5049**	2	SEAL-O-RING	
	17	1	**7X-0613**	3	WASHER-HARD (8.8X25.5X5-MM THK)	
	18	1	**8T-9655**	6	MOUNT-ISOLATION	
	19	1	**9M-4584**	1	CONNECTOR	
	20	1	**9N-0869**	3	WASHER-HARD (8.8X25.5X2-MM THK)	

I - REFER TO HYDRAULIC INFORMATION SYSTEM
Y - SEPARATE ILLUSTRATION

221-1439 **PUMP GP-FUEL PRM & PRIM FILTER (**contd.**)** **i02041083**



GRAPHIC #1 <END> g01050930

190-8977 PUMP GP-FUEL PRM & WATER SEP

S/N: EHX1-2415

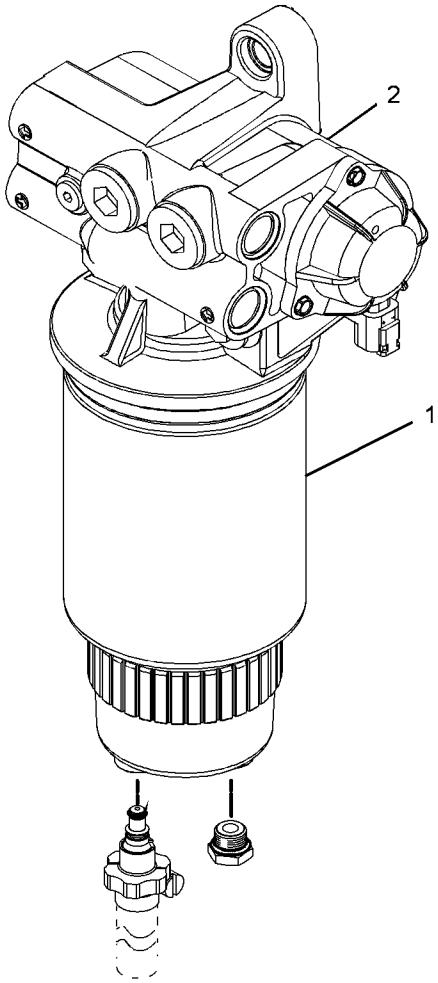
PART OF 221-1439 PUMP GP-FUEL PRM & PRIM FILTER

SMCS-1258, 1261, 1263

i04507749

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	*174-9570*	1	FILTER GP-WATER SEP & FUEL (PRIMARY)	260
	2	1	**190-8970**	1	PUMP GP-FUEL PRIMING	

Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g02686377

252-1363 PUMP GP-FUEL PRM & WATER SEP

S/N: EHX2416-UP

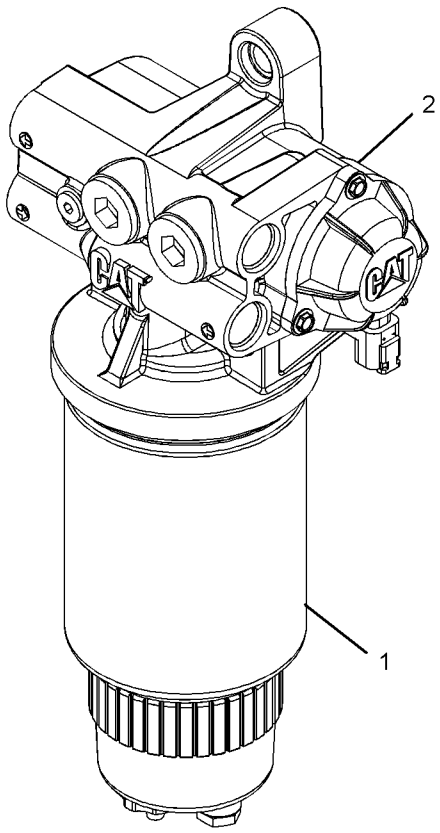
PART OF 256-7941 MOUNTING GP-FUEL FILTER

SMCS-1258, 1261, 1263

i02939449

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	*174-9570*	1	FILTER GP-WATER SEP & FUEL (PRIMARY)	260
	2	1	**247-6050**	1	PUMP GP-FUEL PRIMING	

Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g01119485

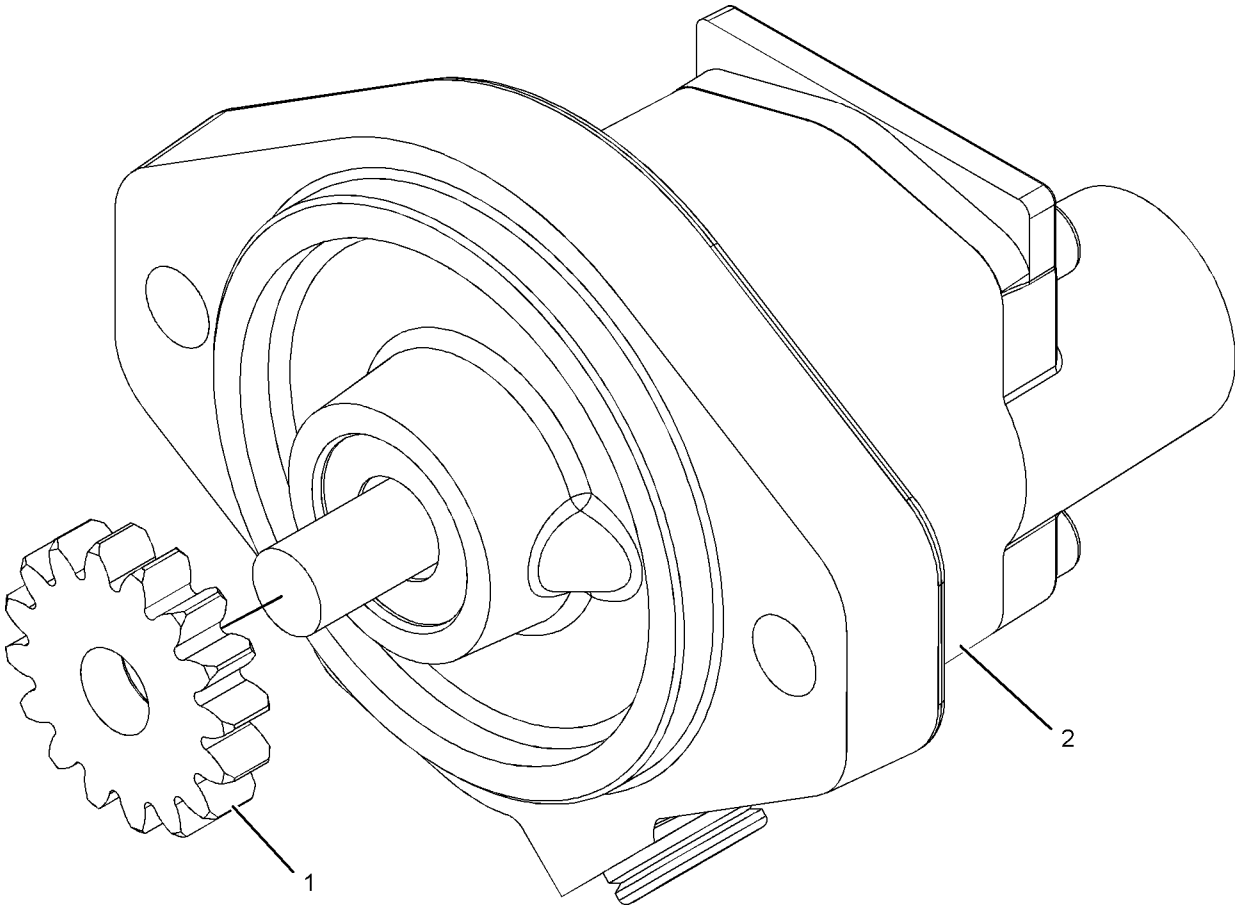
242-5174 PUMP GP-FUEL TRANSFER

S/N: EHX2487-UP

PART OF 223-6421 PUMP & MTG GP-FUEL TRANSFER

SMCS-1256 **i02171685**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**224-3242**	1	GEAR-FUEL PUMP (16-TEETH)	
	2	1	**242-6106**	1	PUMP GP-FUEL TRANSFER	



GRAPHIC #1 <END> g01051149

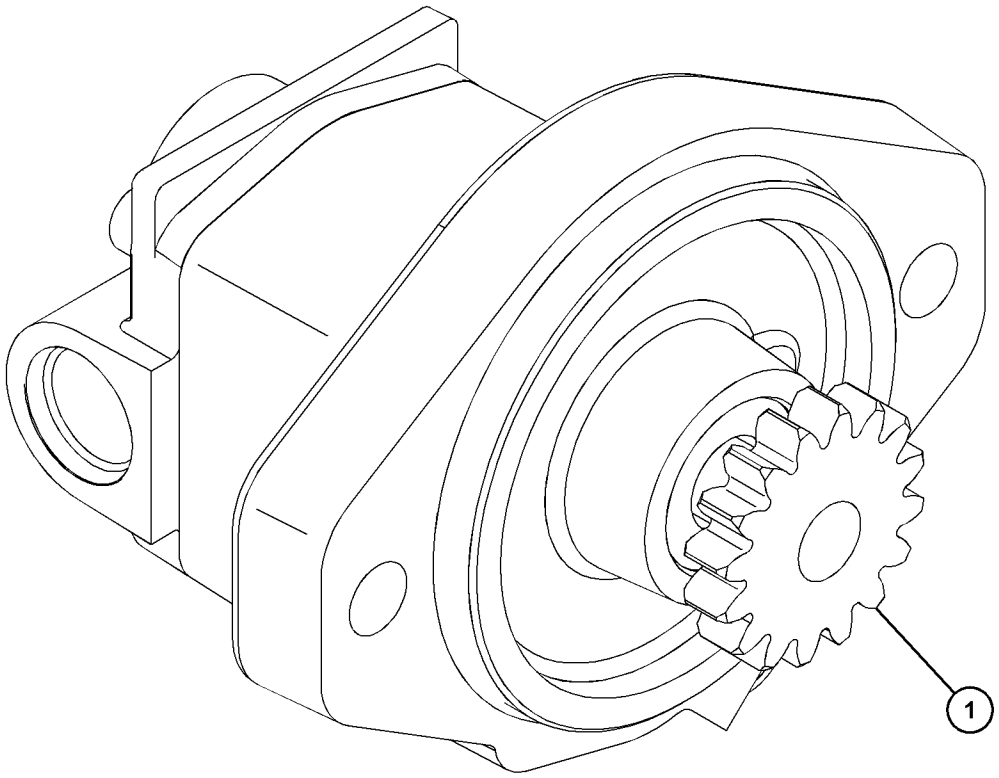
394-1397 PUMP GP-FUEL TRANSFER*R

S/N: EHX1-UP

PART OF 223-6421 PUMP & MTG GP-FUEL TRANSFER

SMCS-1256 **i05709449**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**224-3242**	1	GEAR-FUEL PUMP (16-TEETH)	



GRAPHIC #1 <END> g03686126

394-1398 PUMP GP-FUEL TRANSFER*R

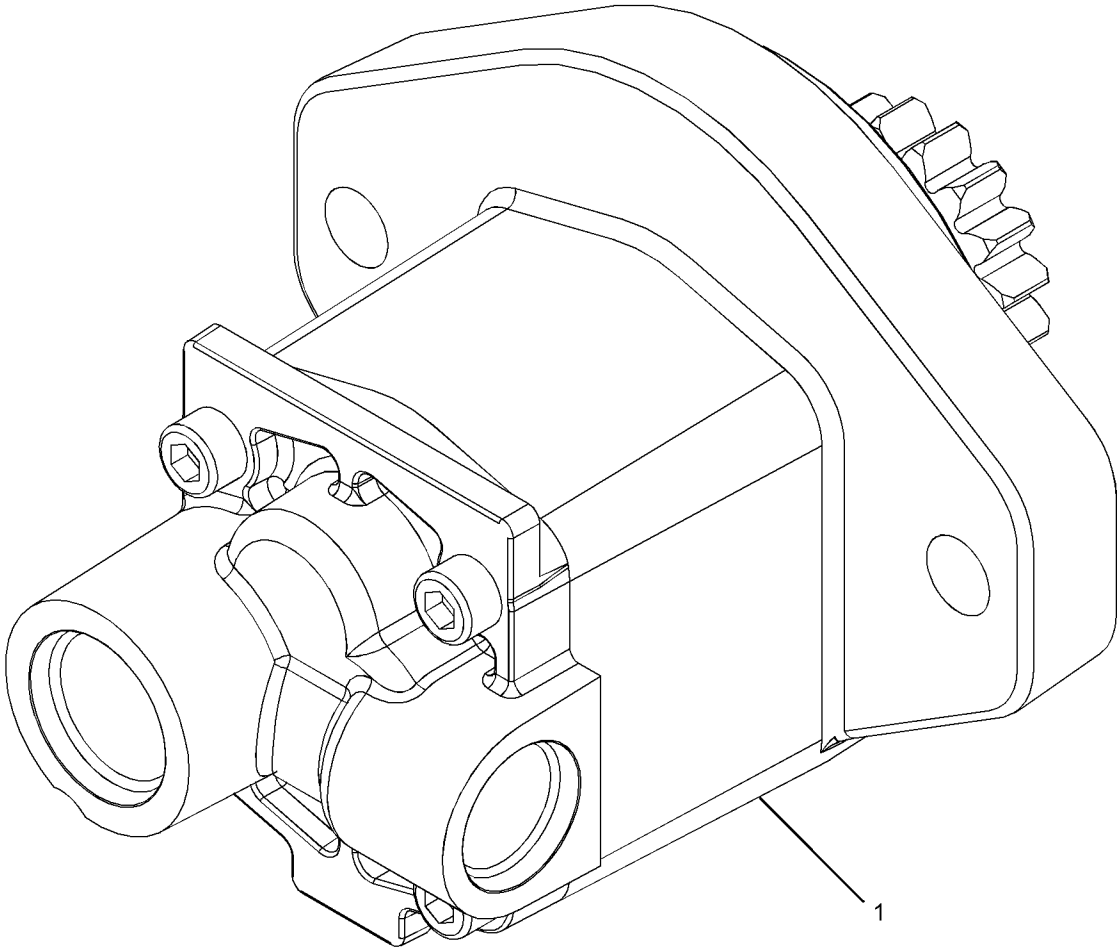
S/N: EHX5445-UP

PART OF 223-6421 PUMP & MTG GP-FUEL TRANSFER

TYPE 1

SMCS-1256 **i06181720**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**339-4983**	1	KIT-SPRING (FUEL TRANSFER PUMP)	
					(INCLUDES PLUG, SEAL-O-RING & SPRING)	



GRAPHIC #1 <END> g03418072

394-1398 PUMP GP-FUEL TRANSFER*R

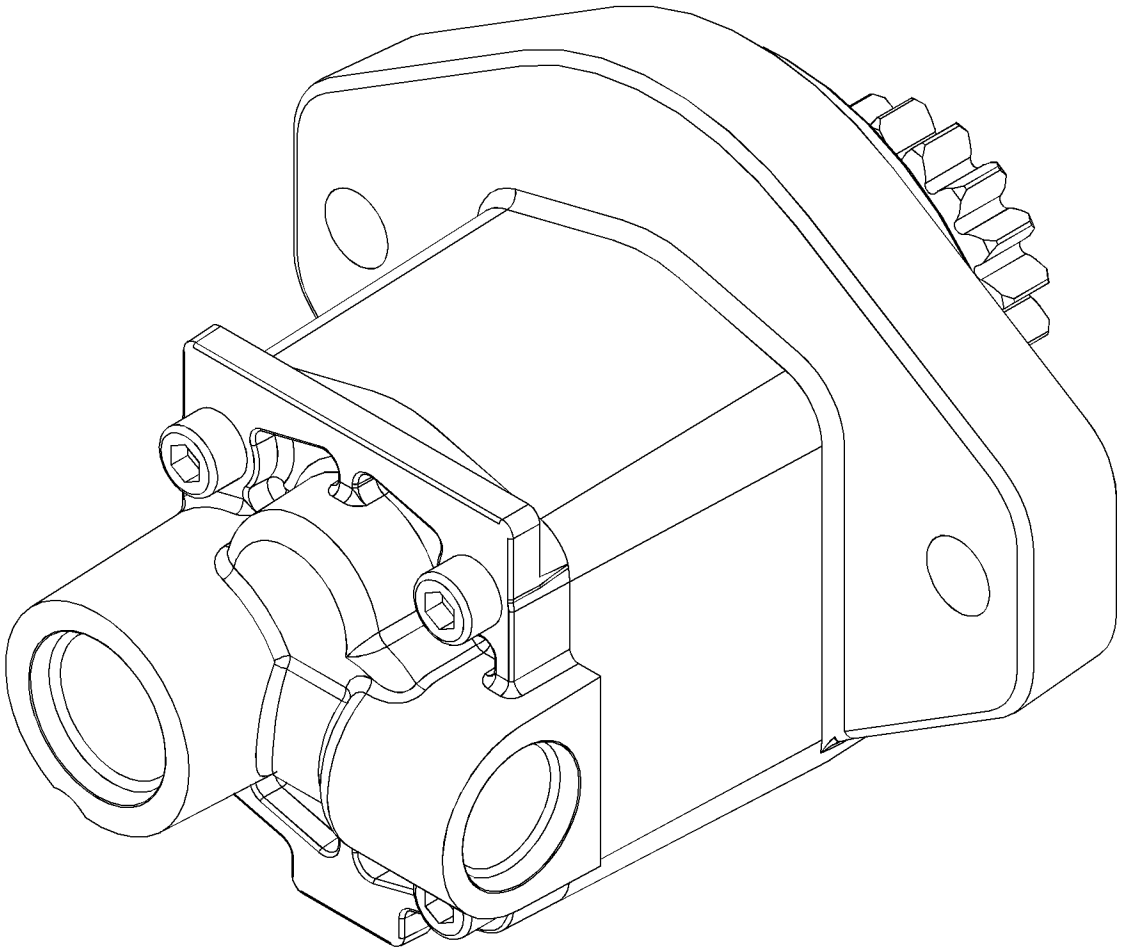
S/N: EHX5445-UP

PART OF 223-6421 PUMP & MTG GP-FUEL TRANSFER

TYPE 2

SMCS-1256 **i06181774**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
					(NO SERVICED PARTS)	



GRAPHIC #1 <END> g03796816

221-9246 TANK GP-FUEL

S/N: BTW1-172

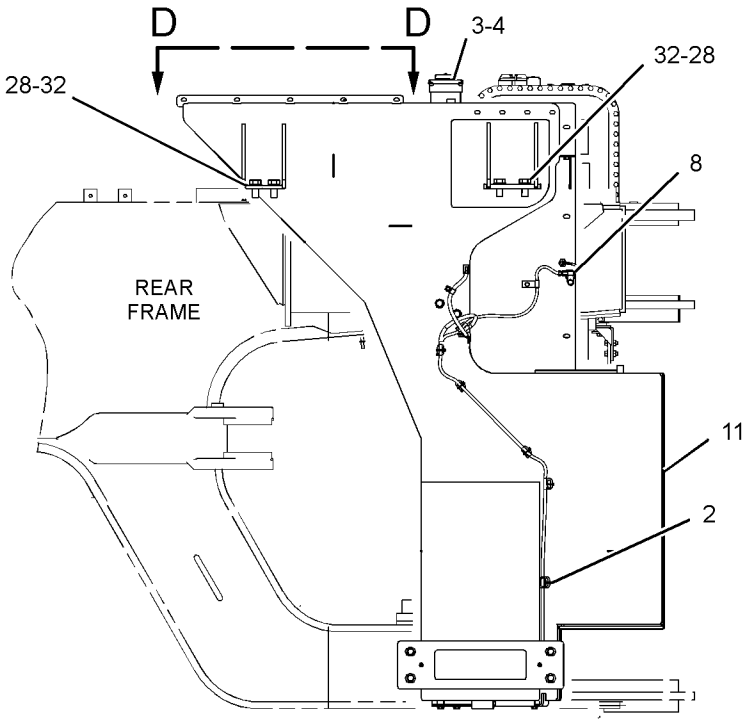
PART OF 230-3275 CHASSIS AR

SMCS-1273 **i02429935**

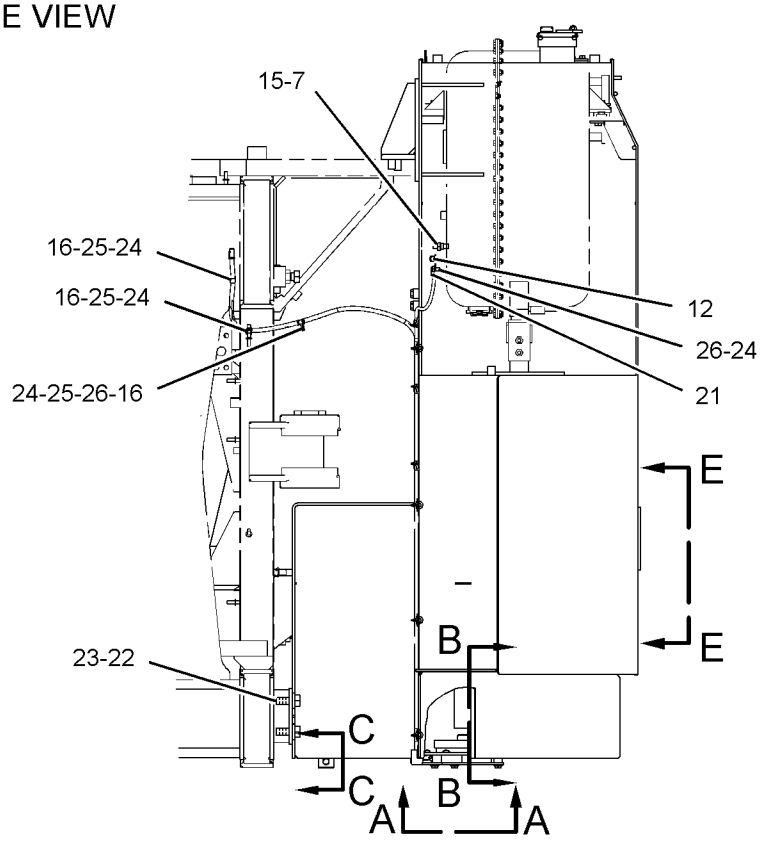
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**1H-8306**	1	SCREW-PURGE (1/2-20X1.625-IN)	
	2	1,2	**3S-2093**	9	STRAP-CABLE	
	3	1	**7X-7700**	1	CAP AS-FUEL (LOCKABLE, VENTED)	
		1	**9X-8600**	1	SEAL-O-RING	
		1	**9X-2205**	1	KIT-CAP FILTER (FUEL TANK)	
					(INCLUDES FILTER AS, SCREWS, GASKETS & VALVE)	
	4	1	**9P-7121**	1	STRAINER-FUEL (FUEL TANK)	
	5	2	**268-4103**	1	GUARD	
Y	6	2	**124-9325**	1	SENSOR GP-FUEL LEVEL	479
	7	1	**131-4135**	1	SWITCH AS-TEMPERATURE (STEERING OIL)	
		1	**3E-3365**	1	WEDGE-RECEPTACLE LOCK (2-PIN)	
		1	**186-3735**	2	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INLCUDES RECEPTACLE AS & WEDGE)	
	8	1	**193-0364**	1	HARNESS AS-FUEL TANK (FUEL LEVEL, STEERING TEMP)	
		1	**8T-8737**	1	PLUG-SEAL	
		1	**155-2270**	1	KIT-CONNECTING PLUG (2-PIN)	
					(INCLUDES PLUG AS & WEDGE)	
		1	**155-2271**	2	KIT-CONNECTING PLUG (4-PIN)	
					(INCLUDES PLUG AS & WEDGE)	
C	9	2	**187-1679**	1	COVER	
C	10	2	**164-3417**	1	COVER	
	11	1	**279-1229**	1	TANK AS-FUEL	
	12	1	**130-5300**	1	CLIP	
	13	2	**1H-8128**	1	SEAL-O-RING	
	14	2	**3E-7753**	1	FLOAT AS	
	15	1	**3K-0360**	1	SEAL-O-RING	
	16	1	**4D-7794**	3	CLIP	
	18	2	**5H-6734**	1	SEAL-O-RING	
	19	2	**6V-5051**	1	SEAL-O-RING	
	20	2	**7M-8485**	1	SEAL-O-RING	
	21	1	**7N-3718**	1	CLIP	
M	22	1	**7X-2575**	4	BOLT (M24X3X60-MM)	
	23	1	**8T-1482**	4	WASHER-HARD (26X50X8-MM THK)	
	24	1,2	**8T-4121**	19	WASHER-HARD (11X21X2.5-MM THK)	
M	25	1	**8T-4133**	2	NUT (M10X1.5-THD)	
CM	26	1	**8T-4137**	2	BOLT (M10X1.5X20-MM)	
M	27	2	**8T-4139**	4	BOLT (M12X1.75X30-MM)	
	28	1	**8T-4167**	4	WASHER-HARD (26X44X4-MM THK)	
M	29	2	**8T-4185**	4	BOLT (M10X1.5X50-MM)	
CM	30	2	**8T-4195**	6	BOLT (M10X1.5X30-MM)	
	31	2	**8T-4223**	4	WASHER-HARD (13.5X25.5X3-MM THK)	
M	32	1	**8T-5379**	4	BOLT (M24X3X50-MM)	
	33	2	**9S-9334**	1	PLUG-O-RING	
CM	34	2	**101-7404**	6	BOLT-SOCKET HEAD (M10X1.5X30-MM)	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
Y - SEPARATE ILLUSTRATION

221-9246 **TANK GP-FUEL (**contd.**)** **i02429935**



RIGHT SIDE VIEW

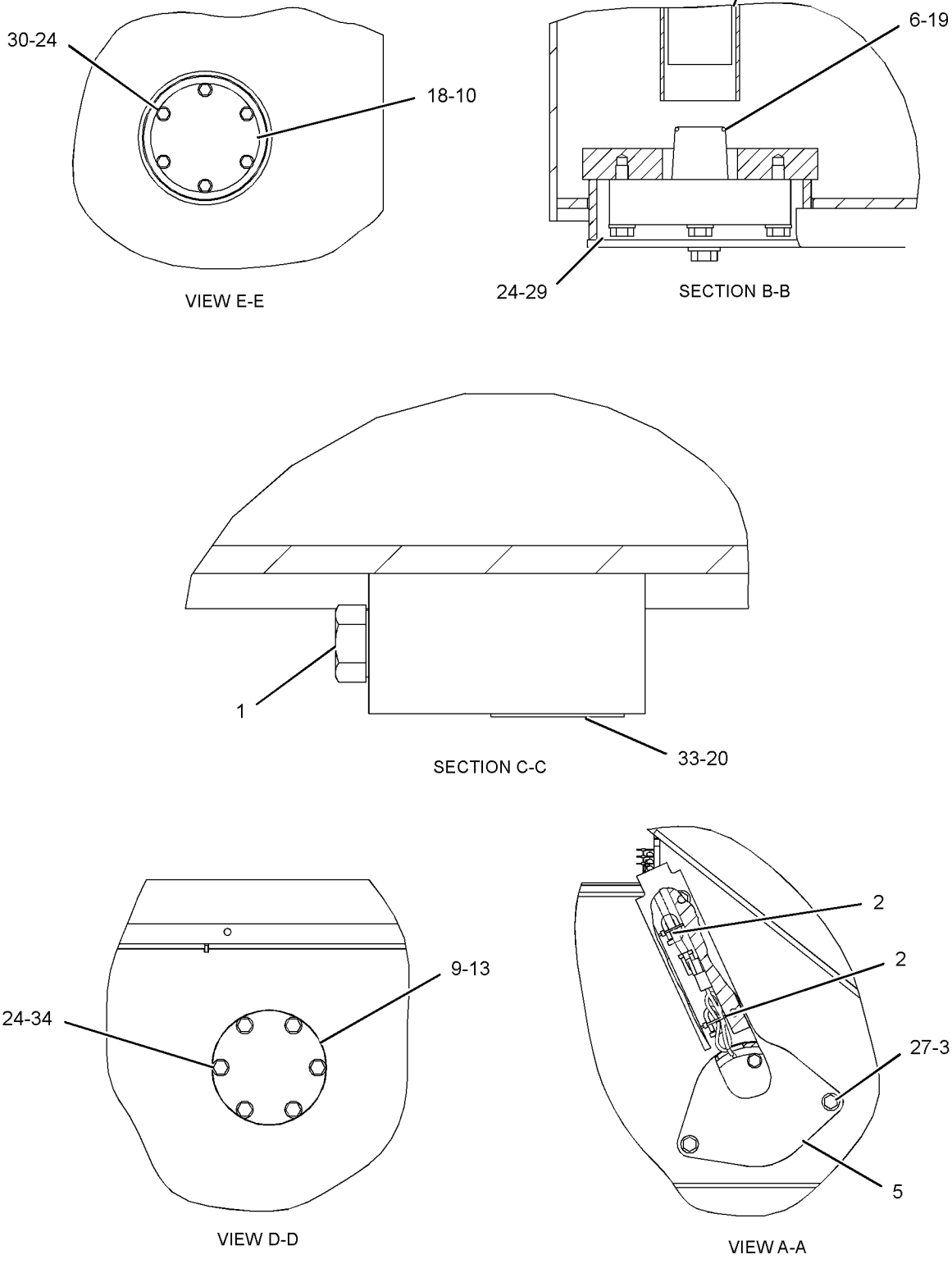


FRONT VIEW

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

GRAPHIC #1 g01219119

221-9246 **TANK GP-FUEL (**contd.**)** **i02429935**



GRAPHIC #2 <END> g01219121

221-9246 TANK GP-FUEL

S/N: BTW173-UP

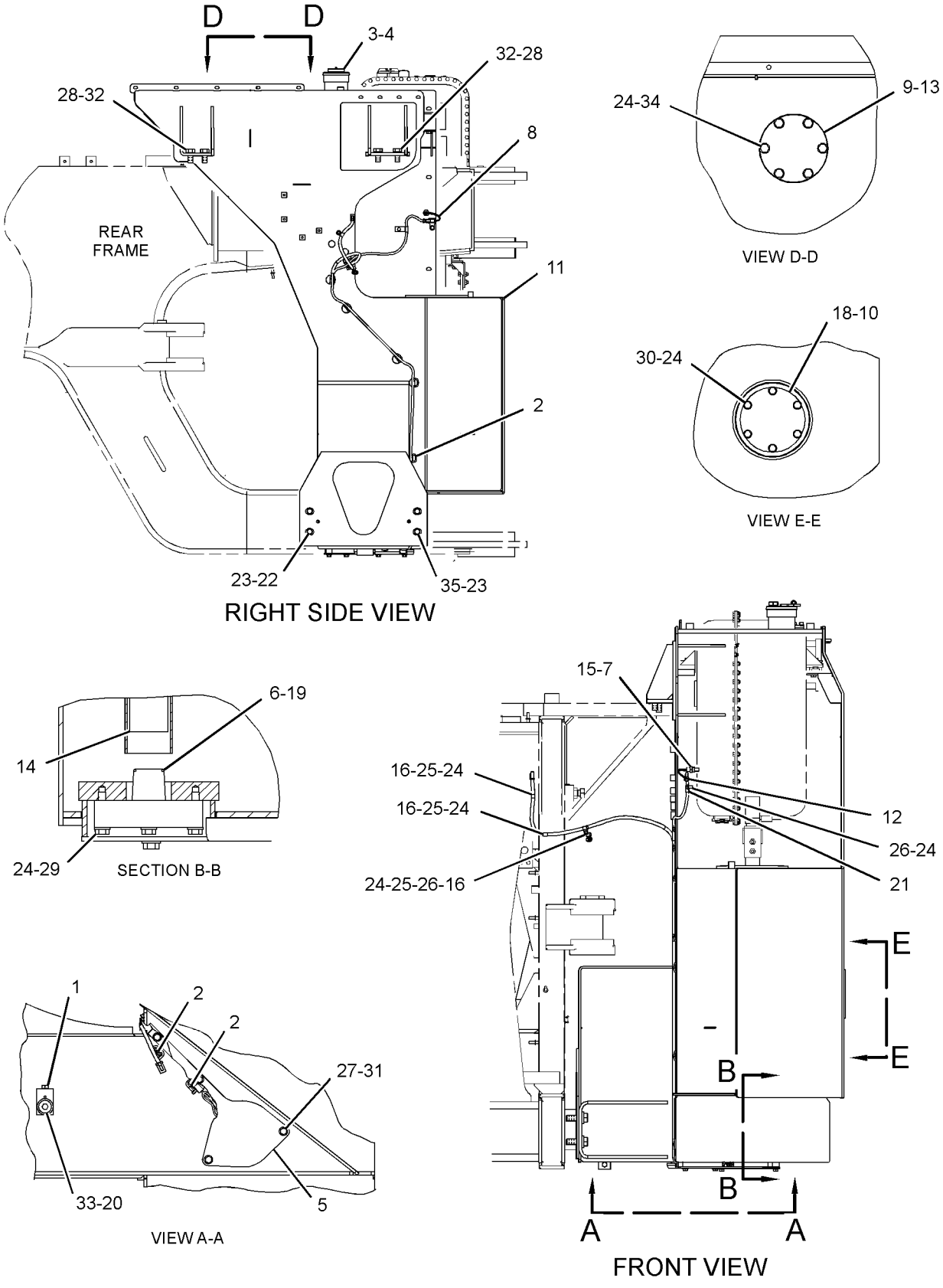
PART OF 230-3275 CHASSIS AR

SMCS-1273 **i06272492**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1H-8306**	1	SCREW-PURGE (1/2-20X1.625-IN)	
	2	1	**3S-2093**	9	STRAP-CABLE	
	3	1	**349-7059**	1	CAP AS-FUEL (LOCKABLE, VENTED)	
		1	**7D-7111**	1	SEAL-O-RING	
		1	**350-7735**	1	KIT-CAP FILTER (FUEL TANK)	
					(INCLUDES BREATHERS, SCREWS & WASHERS)	
	4	1	**9P-7121**	1	STRAINER-FUEL (FUEL TANK)	
C	5	1	**316-8470**	1	GUARD	
Y	6	1	**124-9325**	1	SENSOR GP-FUEL LEVEL	479
	7	1	**131-4135**	1	SWITCH AS-TEMPERATURE (STEERING OIL)	
		1	**3E-3365**	1	WEDGE-RECEPTACLE LOCK (2-PIN)	
		1	**186-3735**	2	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INLCUDES RECEPTACLE AS & WEDGE)	
	8	1	**193-0364**	1	HARNESS AS-FUEL TANK (FUEL LEVEL, STEERING TEMP)	
	9	1	**187-1679**	1	COVER	
	10	1	**164-3417**	1	COVER	
C	11	1	**303-2312**	1	TANK AS-FUEL	
	12	1	**130-5300**	1	CLIP	
	13	1	**1H-8128**	1	SEAL-O-RING	
	14	1	**3E-7753**	1	FLOAT AS	
	15	1	**3K-0360**	1	SEAL-O-RING	
	16	1	**4D-7794**	3	CLIP	
	18	1	**5H-6734**	1	SEAL-O-RING	
	19	1	**6V-5051**	1	SEAL-O-RING	
	20	1	**7M-8485**	1	SEAL-O-RING	
	21	1	**7N-3718**	1	CLIP	
M	22	1	**7X-2575**	2	BOLT (M24X3X60-MM)	
	23	1	**8T-1482**	4	WASHER-HARD (26X50X8-MM THK)	
	24	1	**8T-4121**	21	WASHER-HARD (11X21X2.5-MM THK)	
M	25	1	**8T-4133**	3	NUT (M10X1.5-THD)	
M	26	1	**8T-4137**	2	BOLT (M10X1.5X20-MM)	
M	27	1	**8T-4139**	4	BOLT (M12X1.75X30-MM)	
	28	1	**8T-4167**	4	WASHER-HARD (26X44X4-MM THK)	
M	29	1	**8T-4185**	4	BOLT (M10X1.5X50-MM)	
M	30	1	**8T-4195**	6	BOLT (M10X1.5X30-MM)	
	31	1	**8T-4223**	4	WASHER-HARD (13.5X25.5X3-MM THK)	
M	32	1	**8T-5379**	4	BOLT (M24X3X50-MM)	
	33	1	**9S-9334**	1	PLUG-O-RING	
M	34	1	**101-7404**	6	BOLT-SOCKET HEAD (M10X1.5X30-MM)	
M	35	1	**7X-2576**	2	BOLT (M24X3X70-MM)	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
Y - SEPARATE ILLUSTRATION

221-9246 **TANK GP-FUEL** (contd.) **i06272492**



GRAPHIC #1 <END> g01627716

228-7381 VALVE GP-CHECK–FUEL

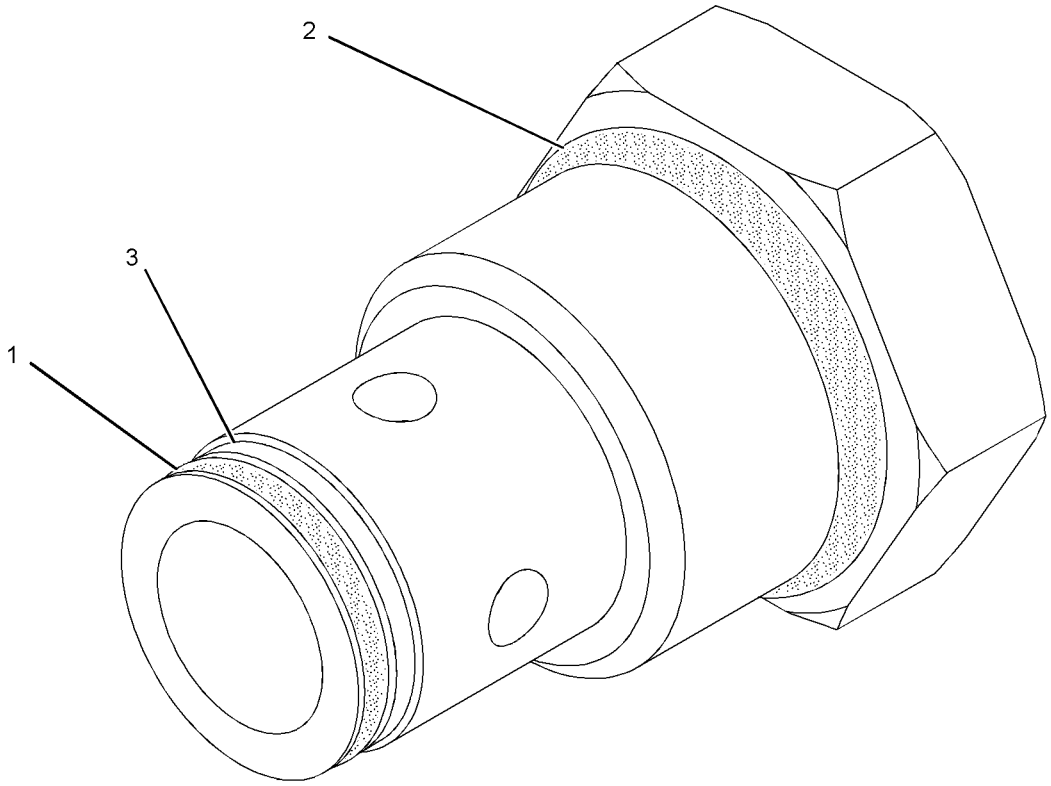
S/N: EHX1-UP

PART OF 217-5674, 256-7940 LINES GP-FUEL FILTER

SMCS-1251, 1274

i02048634

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**033-6033**	1	SEAL-O-RING	
	2	1	**6V-4589**	1	SEAL-O-RING	
	3	1	**6V-6923**	1	RING-BACKUP	



GRAPHIC #1 <END> g01051243

327-0376 VALVE GP-CHECK–FUEL

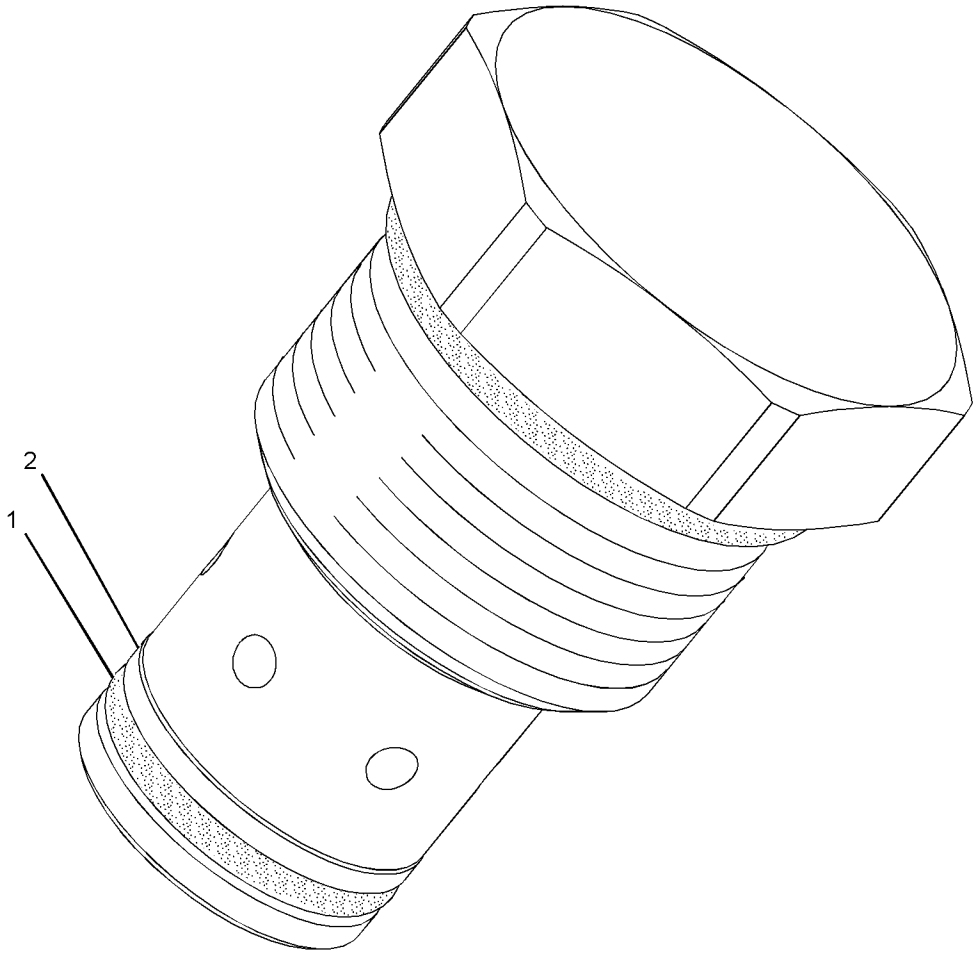
S/N: EHX2949-UP

PART OF 327-4448 VALVE GP-CHECK

SMCS-1251, 1274

i03597860

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**033-6033**	1	SEAL-O-RING	
	2	1	**6V-6923**	1	RING-BACKUP	



GRAPHIC #1 <END> g01294010

327-4448 VALVE GP-CHECK

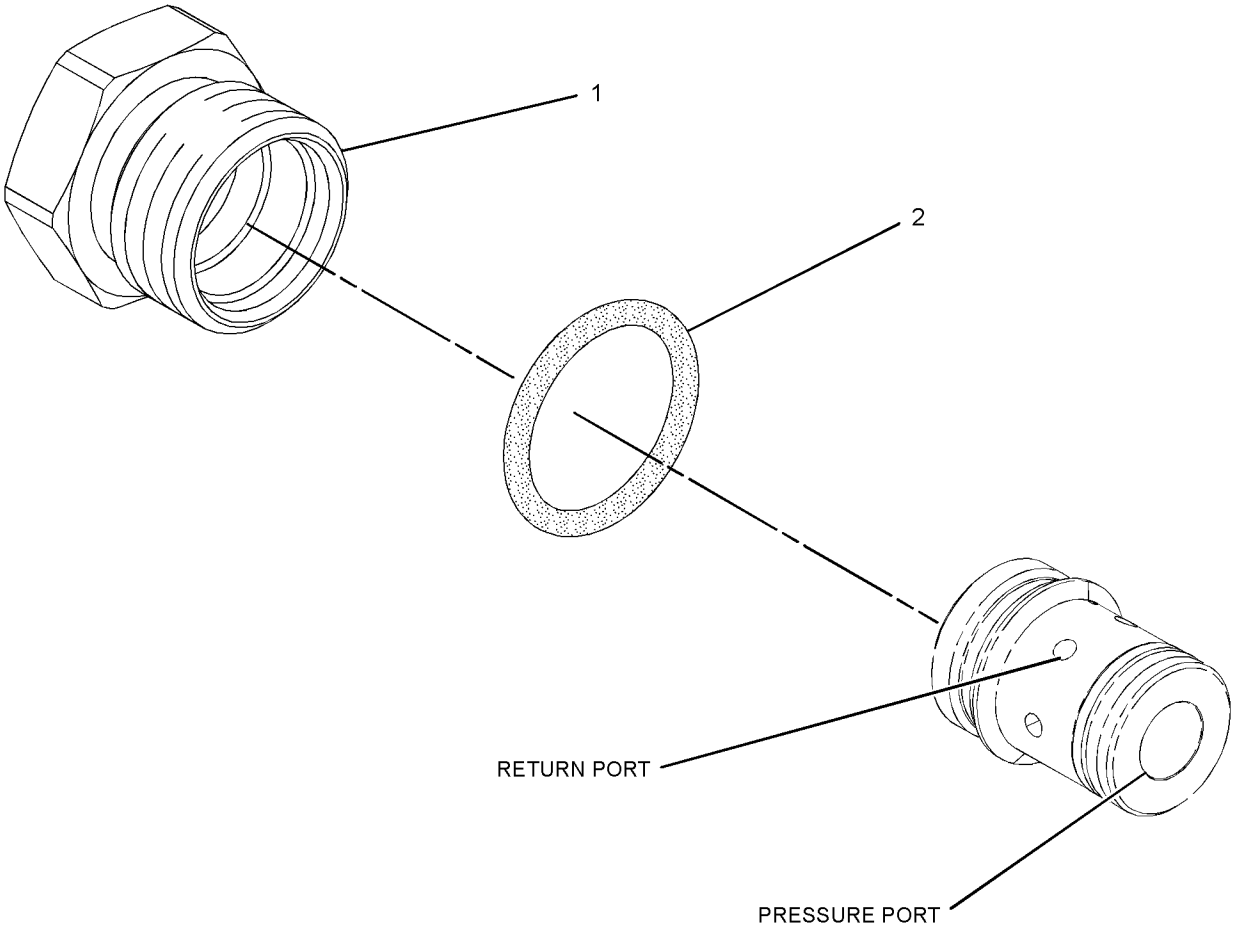
S/N: EHX2949-UP
FUEL PRESSURE REGULATING
PART OF 256-7940 LINES GP-FUEL FILTER

SMCS-1251, 1274

i04484869

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**327-0376**	1	VALVE GP-CHECK (FUEL)	330
	2	1	**033-6027**	1	SEAL-O-RING	

Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g01295058

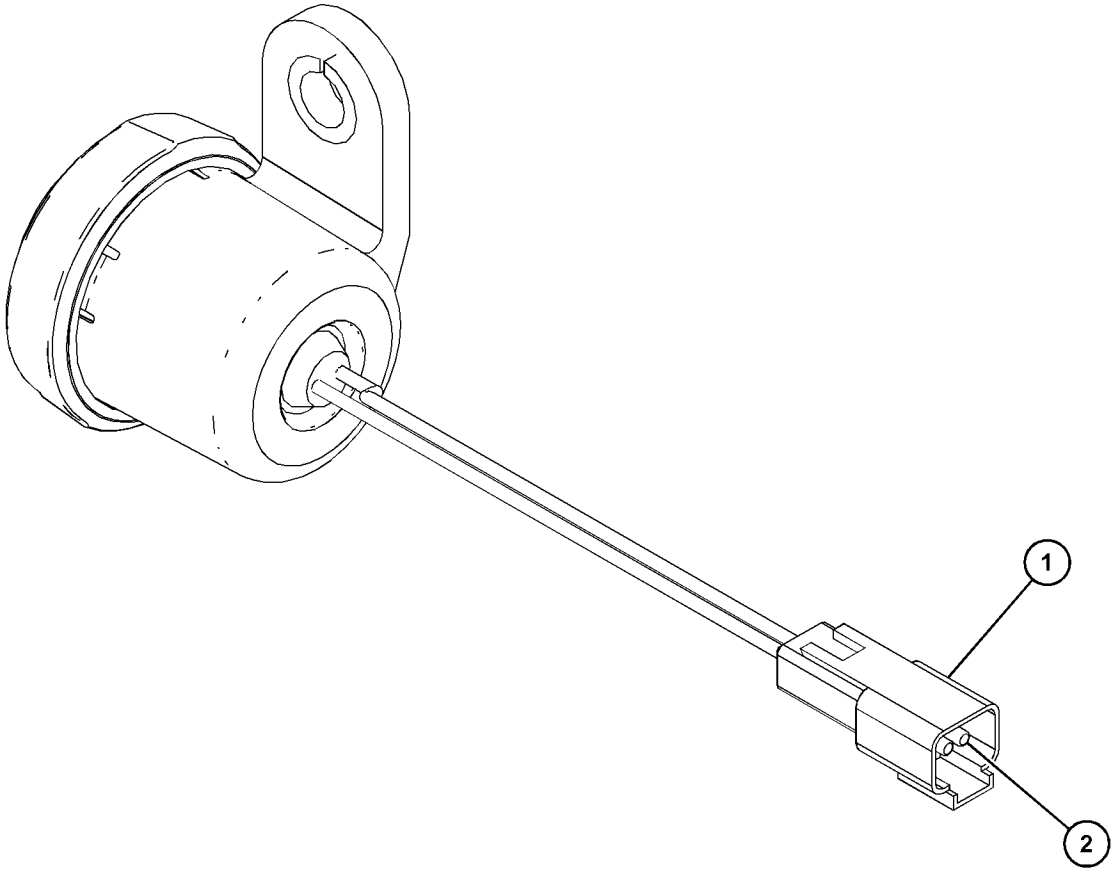
3E-6328 ALARM GP–ACTION

S/N: BTW1-UP
24-VOLT
PART OF 236-5464 WIRING GP-CAB

SMCS-7400, 7402, 7407

i06056671

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	2	1	**8T-8729**	2	PIN-CONNECTOR (16-GA TO 18-GA)	



GRAPHIC #1 <END> g03798741

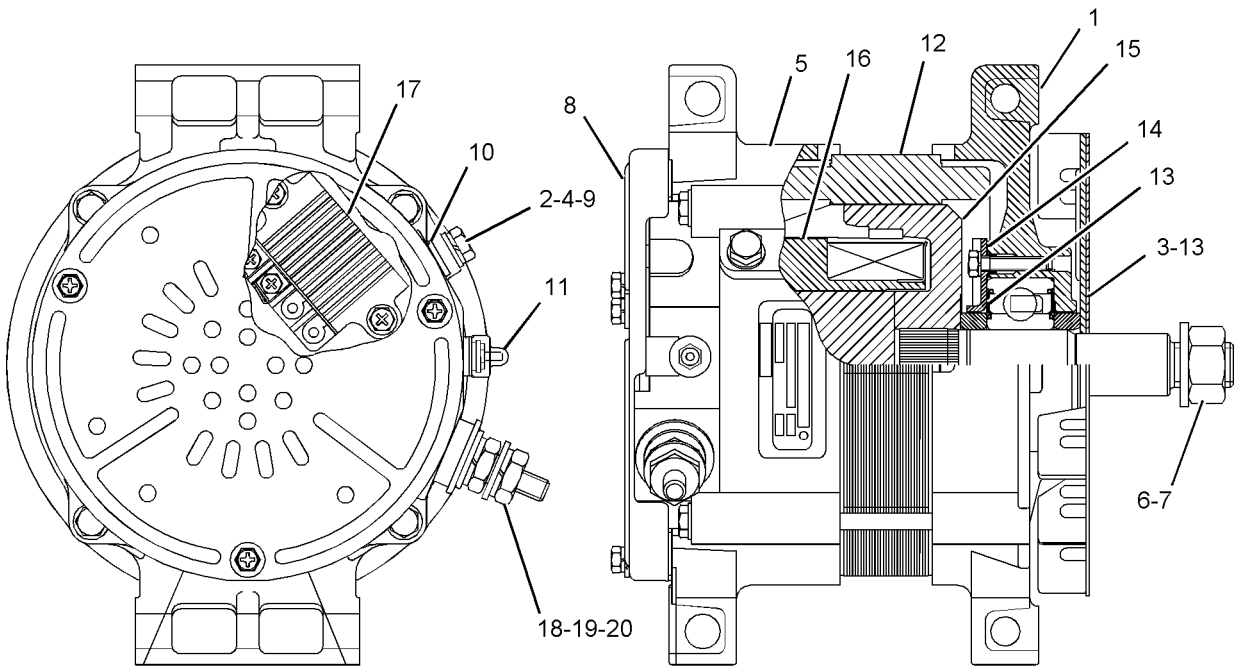
226-7683 ALTERNATOR GP-CHARGING*R

S/N: BTW171-UP; EHX2416-UP
24-VOLT, 95-AMPERE
PART OF 262-0898 ALTERNATOR GP-CHARGING

SMCS-1405 **i05781497**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**228-9656**	1	FRAME AS-DRIVE END	
	2	1	**5S-7349**	1	BOLT (1/4-20X0.5-IN)	
	3	1	**185-2639**	1	FAN AS	
	4	1	**1H-3244**	1	LOCKWASHER	
	5	1	**228-9655**	1	FRAME AS-ALTERNATOR	
	6	1	**2K-4821**	1	LOCKNUT (5/8-18-THD)	
	7	1	**5P-8247**	1	WASHER-HARD (17X32X3.5-MM THK)	
	8	1	**228-9657**	1	COVER AS	
	9	1	**8T-4205**	1	WASHER-HARD (7.2X14.5X2-MM THK)	
	10	1	**185-2647**	1	GROMMET	
	11	1	**9L-6770**	1	CAP-DUST	
	12	1	**205-0626**	1	STATOR AS-ALTERNATOR	
	13	1	**185-2638**	2	COLLAR	
	14	1	**185-2654**	1	PLATE	
	15	1	**185-2650**	1	ROTOR AS	
	16	1	**185-2644**	1	COIL AS	
	17	1	**185-2648**	1	REGULATOR AS-VOLTAGE (24-VOLT) (ALTERNATOR)	
	18	1	**6V-8189**	1	NUT (5/16-18-THD)	
	19	1	**8T-4224**	1	WASHER-HARD (8.8X16X2-MM THK)	
	20	1	**3F-9556**	1	LOCKWASHER	
					AVAILABLE REPAIR KIT(S):	
			185-2655	1	KIT-BEARING (ALTERNATOR)	
					(INCLUDES BEARINGS)	
			185-2658	1	KIT-HARDWARE (ALTERNATOR AIR)	
					(INCLUDES BOLTS)	
			199-8436	1	KIT-TERMINAL (ALTERNATOR AIR)	
					(INCLUDES HOLDER AS, GROMMET, PLATE, PIN, INSULATOR, NUT)	
			199-7891	1	KIT-TERMINAL (ALTERNATOR AIR)	
					(INCLUDES INSULATORS, WASHERS, NUTS)	

226-7683 **ALTERNATOR GP-CHARGING (**contd.**)** **i05781497**



GRAPHIC #1 <END> g01088551

262-0898 ALTERNATOR GP-CHARGING

S/N: BTW171-192; EHX1-UP

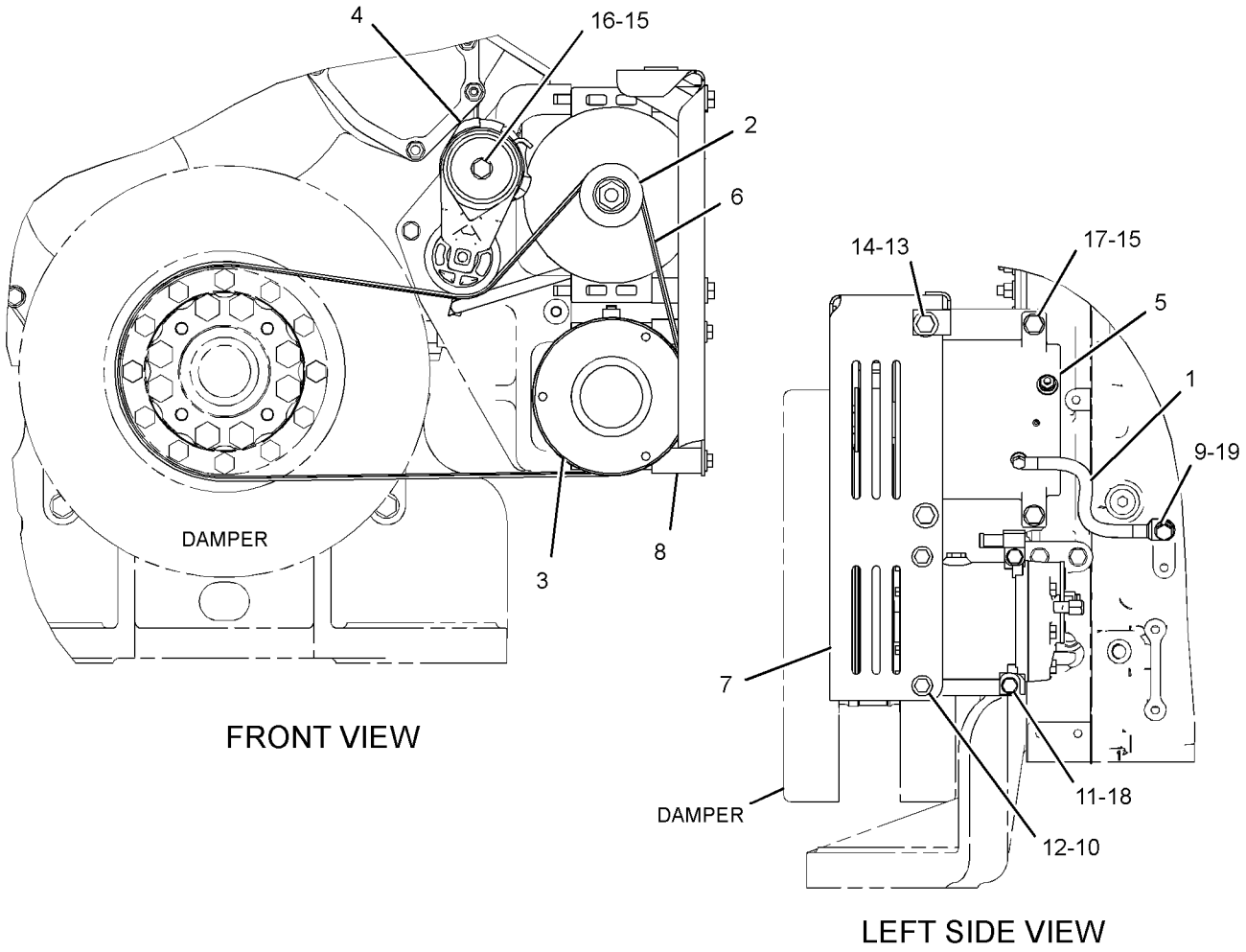
PART OF 217-5670, 271-8633 ENGINE AR-COMPLETE, 217-5671 INSTALLATION AR-ENGINE

SMCS-1405 **i03100393**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3W-8754**	1	WIRE AS	
	2	1	**129-5096**	1	PULLEY-ALTERNATOR (8-GROOVE)	
Y	3	1	**183-5106**	1	COMPRESSOR GP-REFRIGERANT	1235
	4	1	**217-8938**	1	BELT TENSIONER	
YR	5	1	**226-7683**	1	ALTERNATOR GP-CHARGING (24-VOLT, 95-AMPERE)	333
	6	1	**262-4995**	1	BELT-SERPENTINE	
	7	1	**268-3688**	1	GUARD AS	
	8	1	**138-7500**	4	SPACER (11X25X50-MM THK)	
	9	1	**5M-3062**	1	BOLT (3/8-16X0.75-IN)	
	10	1	**5P-4116**	2	WASHER-HARD (8.8X20.5X2-MM THK)	
M	11	1	**7X-2538**	2	BOLT (M8X1.25X100-MM)	
M	12	1	**7X-2542**	2	BOLT (M8X1.25X150-MM)	
M	13	1	**7X-2545**	2	BOLT (M10X1.5X150-MM)	
	14	1	**7X-7729**	2	WASHER (11X25X3-MM THK)	
	15	1	**8T-4121**	3	WASHER-HARD (11X21X2.5-MM THK)	
M	16	1	**8T-4172**	1	BOLT (M10X1.5X80-MM)	
M	17	1	**8T-4198**	2	BOLT (M10X1.5X100-MM)	
	18	1	**8T-4224**	2	WASHER-HARD (8.8X16X2-MM THK)	
	19	1	**8T-4896**	1	WASHER-HARD (10.2X18.5X2.5-MM THK)	

M - METRIC PART
R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

262-0898 **ALTERNATOR GP-CHARGING (**contd.**)** **i03100393**



GRAPHIC #1 <END> g01216454

262-0898 ALTERNATOR GP-CHARGING

S/N: BTW193-UP

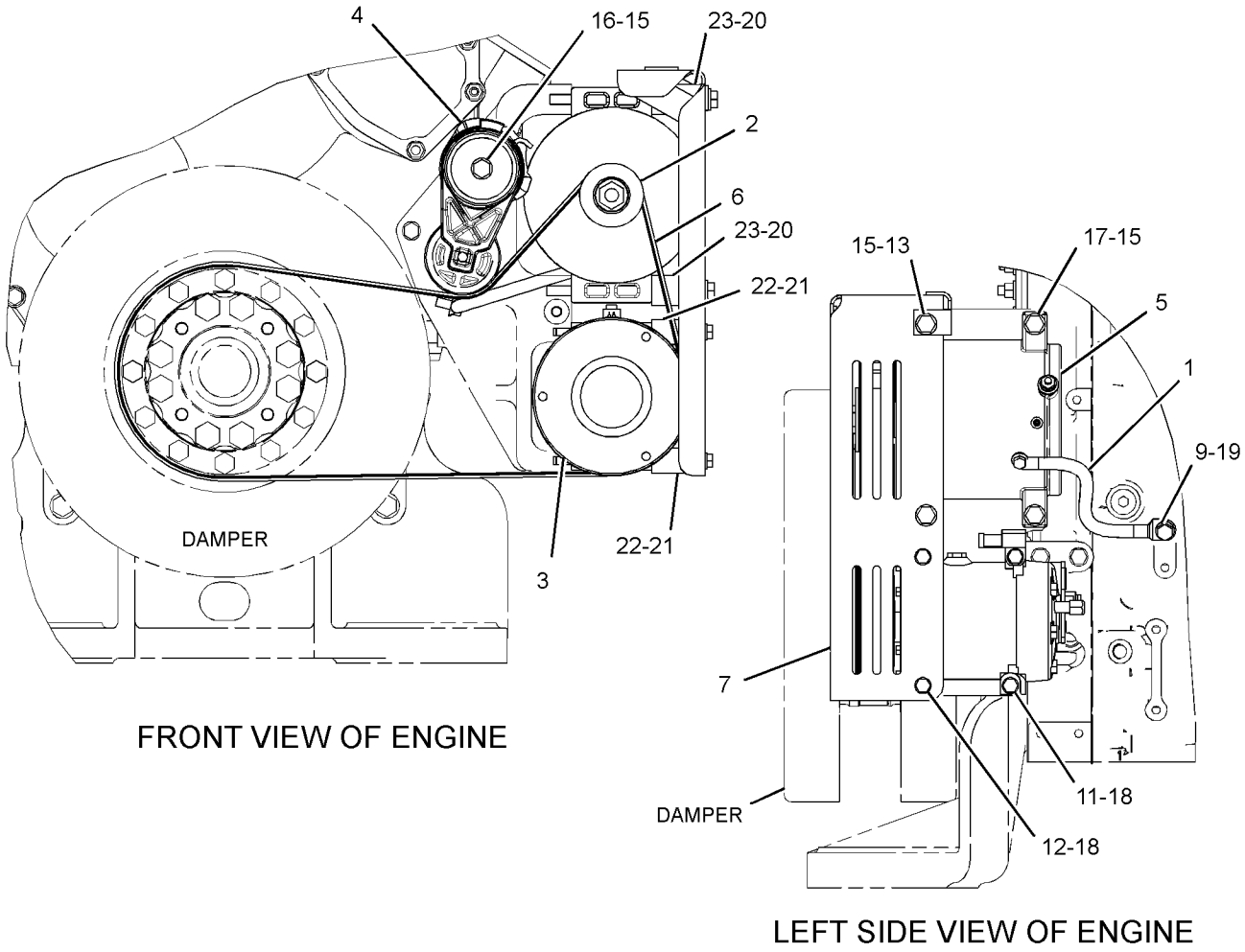
PART OF 217-5671 INSTALLATION AR-ENGINE

SMCS-1405 **i04364094**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3W-8754**	1	WIRE AS	
	2	1	**129-5096**	1	PULLEY-ALTERNATOR (8-GROOVE)	
Y	3	1	**183-5106**	1	COMPRESSOR GP-REFRIGERANT	1235
	4	1	**217-8938**	1	BELT TENSIONER	
YR	5	1	**226-7683**	1	ALTERNATOR GP-CHARGING (24-VOLT, 95-AMPERE)	333
	6	1	**262-4995**	1	BELT-SERPENTINE (ALTERNATOR)	
	7	1	**268-3688**	1	GUARD AS	
	9	1	**5M-3062**	1	BOLT (3/8-16X0.75-IN)	
M	11	1	**7X-2538**	2	BOLT (M8X1.25X100-MM)	
M	12	1	**7X-2542**	2	BOLT (M8X1.25X150-MM)	
CM	13	1	**8T-6408**	2	BOLT (M10X1.5X160-MM)	
C	15	1	**8T-4121**	5	WASHER-HARD (11X21X2.5-MM THK)	
M	16	1	**8T-4172**	1	BOLT (M10X1.5X80-MM)	
M	17	1	**8T-4198**	2	BOLT (M10X1.5X100-MM)	
C	18	1	**8T-4224**	4	WASHER-HARD (8.8X16X2-MM THK)	
	19	1	**8T-4896**	1	WASHER-HARD (10.2X18.5X2.5-MM THK)	
C	20	1	**6P-6256**	2	RETAINER-SPRING	
C	21	1	**245-1094**	2	NUT-RETAINING	
C	22	1	**353-4983**	2	SPACER-SPECIAL	
C	23	1	**353-4984**	2	SPACER-SPECIAL	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

262-0898 **ALTERNATOR GP-CHARGING (**contd.**)** **i04364094**



GRAPHIC #1 <END> g02625890

234-7869 BATTERY & WIRING GP

S/N: BTW1-UP

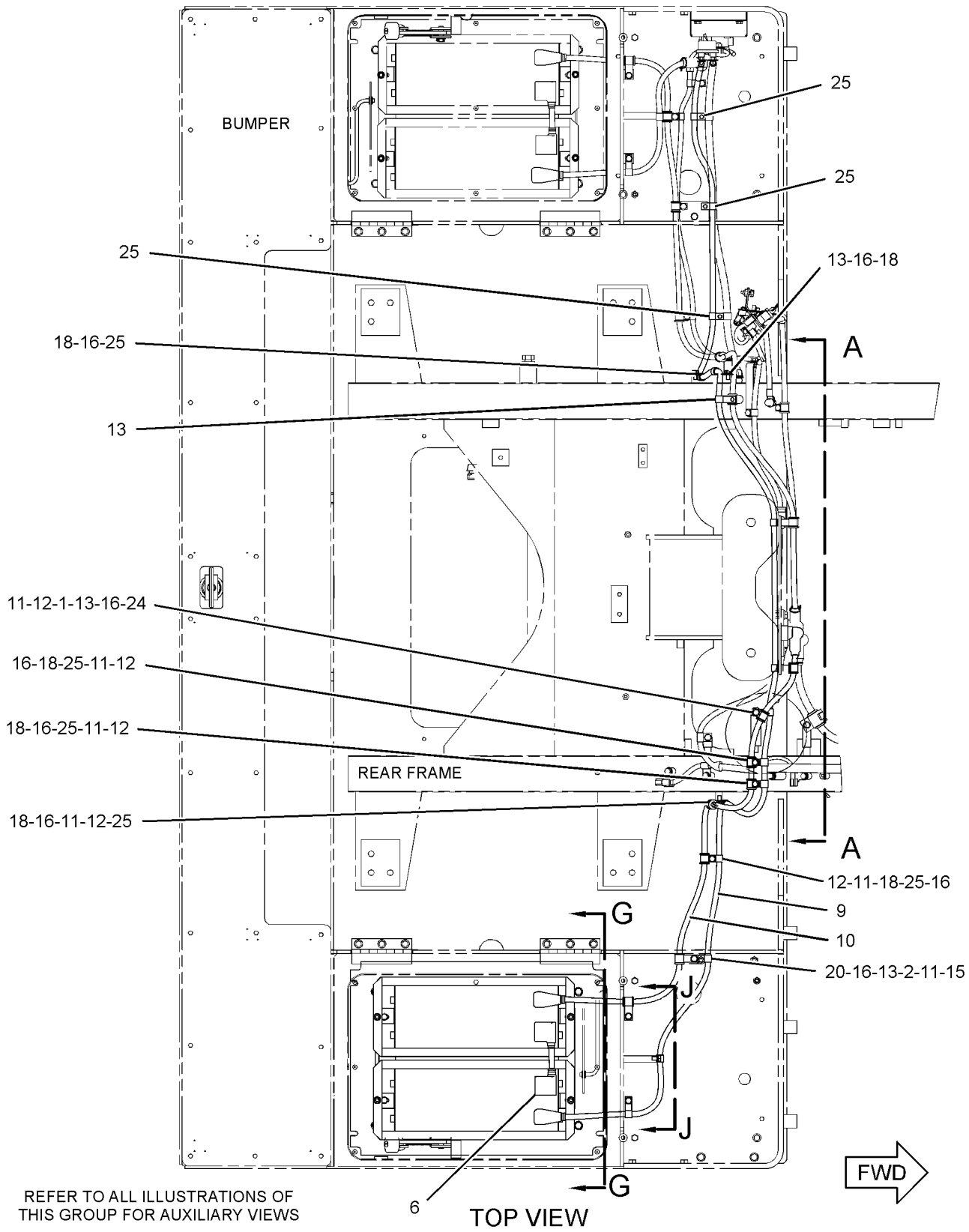
PART OF 234-7895 STARTING AR-COLD WEATHER

SMCS-1401, 1402, 1408 **i04951930**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6N-0508**	1	SPACER (11.13X22.23X40.64-MM THK)	
	2	1,2	**7W-8106**	3	SPACER (11.13X19.05X15-MM THK)	
	3	2	**9U-1400**	2	BRACKET	
	4	2	**9U-1401**	1	PLATE AS	
M		2	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	5	2	**9U-1598**	2	FRAME AS (BATTERY HOLD-DOWN)	
	6	1	**118-1277**	1	CABLE AS-BATTERY	
		1	**5P-0761**		CABLE (00-GA, RED) (20CM)	
		1	**9G-0003**	1	COVER AS-TERMINAL (BLACK)	
		1	**9G-0004**	1	COVER AS-TERMINAL (RED)	
		1	**8C-5917**	1	TERMINAL AS-BATTERY (POSITIVE)	
		1	**8T-9757**	1	TERMINAL AS-BATTERY (NEGATIVE)	
	7	2	**150-8381**	1	BRACKET AS	
M		2	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	8	2	**153-5710**	2	BATTERY GP (12-VOLT, MAINTENANCE FREE, WET)	
	9	1	**278-1636**	1	CABLE AS	
		1	**1S-7252**	1	TERMINAL-CABLE (00-GA, 3/8-IN SCREW)	
		1	**159-8050**		CABLE (00-GA, BLACK) (460-CM)	
		1	**7N-5274**	1	COVER AS-TERMINAL (BLACK)	
		1	**3S-6050**	1	TERMINAL AS-BATTERY (NEGATIVE)	
		1	**1M-6119**	1	BOLT (5/16-18X1.375-IN)	
		1	**1M-6120**	1	NUT (5/16-18-THD)	
	10	1	**268-4002**	1	CABLE AS	
		1	**1S-7251**	1	TERMINAL-CABLE (00-GA, 1/2-IN SCREW)	
		1	**159-8049**		CABLE (00-GA, RED) (197-CM)	
		1	**8N-1725**	1	COVER AS-TERMINAL (RED)	
		1	**3S-6049**	1	TERMINAL AS-BATTERY (POSITIVE)	
		1	**1M-6119**	1	BOLT (5/16-18X1.375-IN)	
		1	**1M-6120**	1	NUT (5/16-18-THD)	
	11	1,2	**2V-1771**	8	GROMMET	
	12	1	**6D-4246**	5	CLIP (LOOP)	
	13	1,2	**6K-8178**	7	CLIP	
	14	2	**7X-0605**	1	WASHER-HARD (13X28X1.6-MM THK)	
	15	1,2	**8S-0948**	3	CLIP	
	16	1,2	**8T-4121**	19	WASHER-HARD (11X21X2.5-MM THK)	
M	17	2	**8T-0389**	4	LOCKNUT (M10X1.5-THD)	
M	18	1,2	**8T-4137**	7	BOLT (M10X1.5X20-MM)	
M	19	2	**8T-4139**	4	BOLT (M12X1.75X30-MM)	
M	20	1,2	**8T-4186**	3	BOLT (M10X1.5X40-MM)	
M	21	2	**8T-4192**	1	BOLT (M12X1.75X25-MM)	
M	22	2	**8T-4195**	4	BOLT (M10X1.5X30-MM)	
	23	2	**8T-4223**	4	WASHER-HARD (13.5X25.5X3-MM THK)	
M	24	1	**8T-6466**	1	BOLT (M10X1.5X60-MM)	
	25	1,2	**9M-8406**	9	CLIP (LOOP)	
	26	2	**9U-1399**	2	ROD	

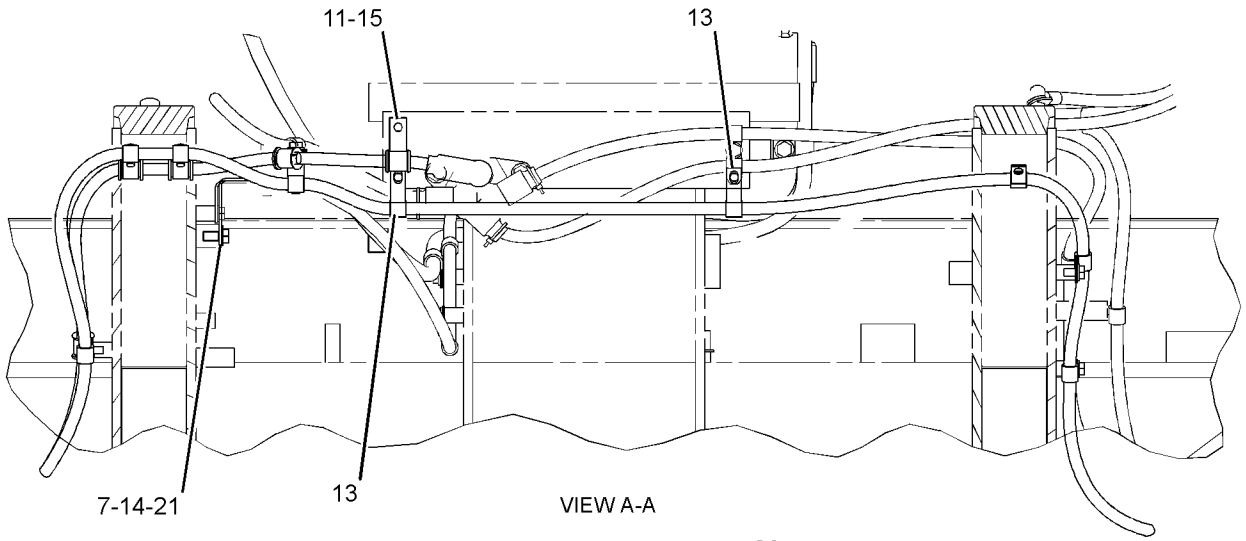
M - METRIC PART

234-7869 **BATTERY & WIRING GP** (contd.) **i04951930**

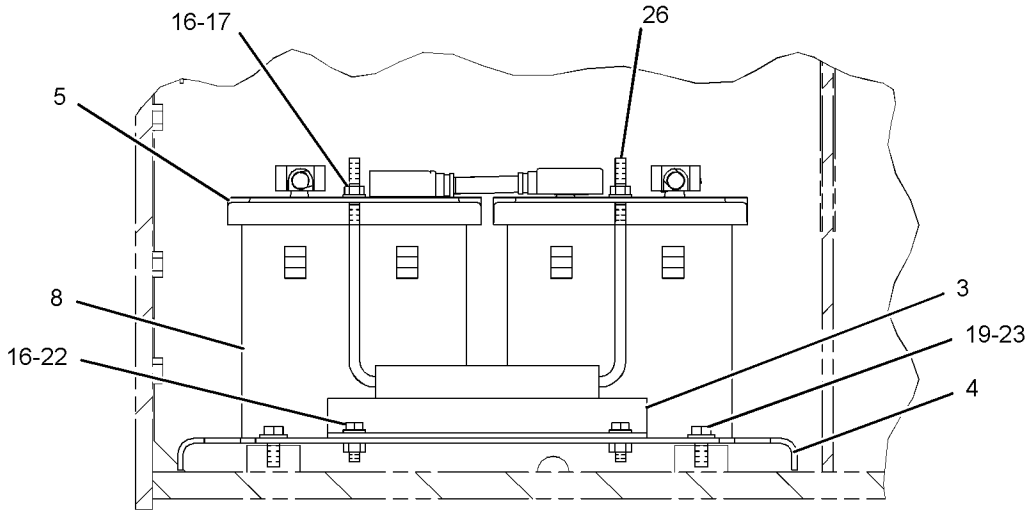


GRAPHIC #1 g01217716

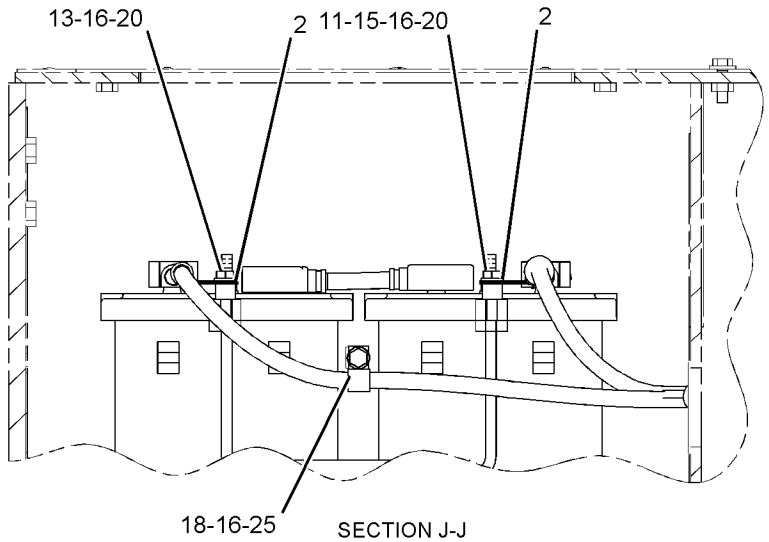
234-7869 **BATTERY & WIRING GP** (contd.) **i04951930**



VIEW A-A



SECTION G-G



SECTION J-J

GRAPHIC #2 <END> g01217719

266-9742 BATTERY & WIRING GP

S/N: BTW1-171

PART OF 230-3276 ELECTRICAL AR

SMCS-1401, 1402, 1408 **i02424172**

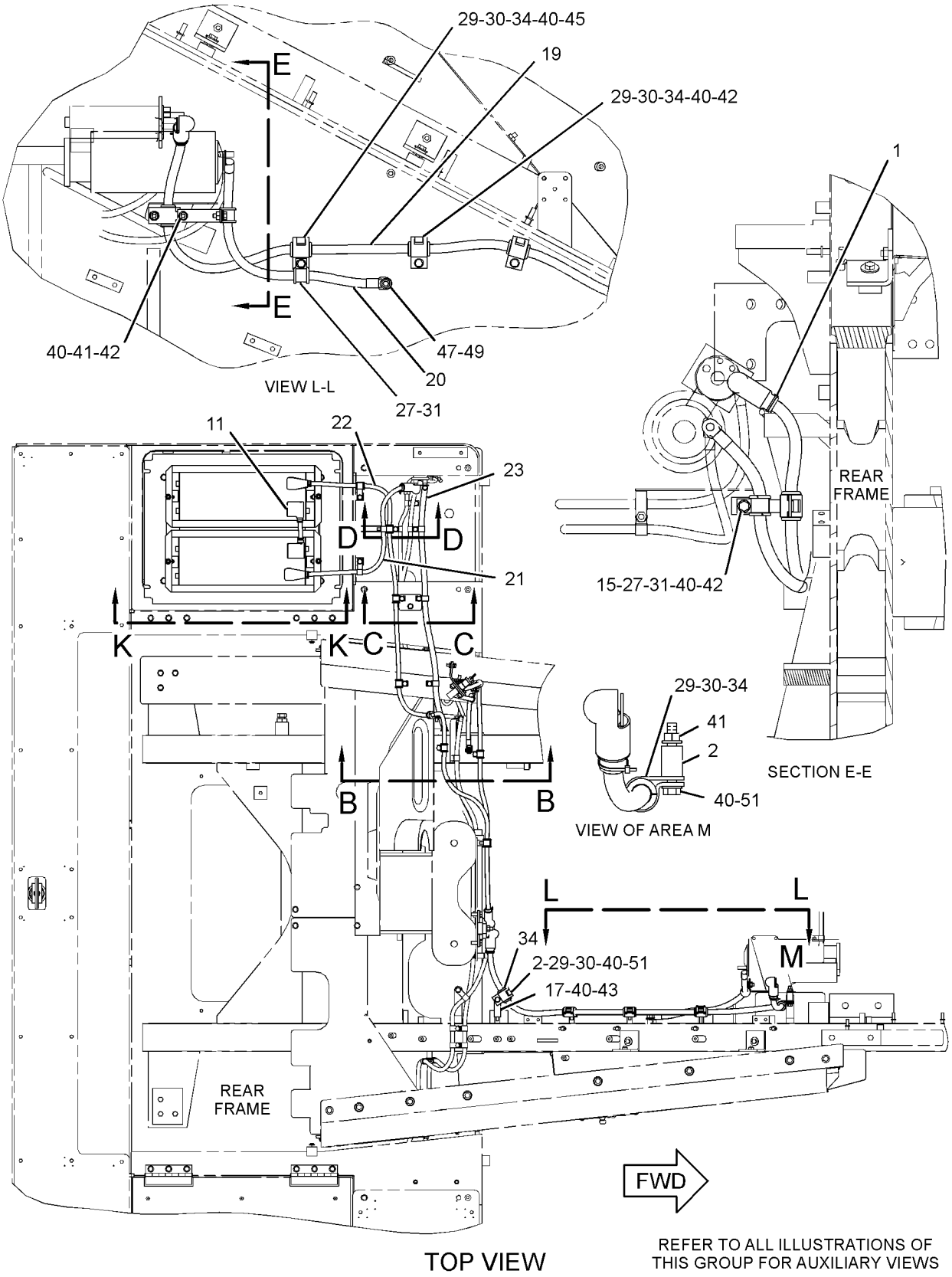
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1,2,3	**3S-2093**	5	STRAP-CABLE	
	2	1	**6B-6205**	2	SPACER (0.438X0.875X1.281-IN THK)	
	3	2	**7V-5515**	1	SPACER (11X26.7X12-MM THK)	
	4	4	**7W-8106**	2	SPACER (11.13X19.05X15-MM THK)	
	5	3	**8N-0869**	1	COVER-TERMINAL (RED)	
	6	3	**8S-2634**	1	COVER AS	
		3	**2P-2975**	2	SEAL-O-RING	
	7	4	**9U-1400**	2	BRACKET	
	8	4	**9U-1401**	1	PLATE AS	
M		4	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	9	4	**9U-1598**	2	FRAME AS (BATTERY HOLD-DOWN)	
	10	2	**103-0010**	1	BRACKET AS	
	11	1	**118-1277**	1	CABLE AS-BATTERY	
E		1	**5P-0761**		CABLE (00-GA, RED) (20-CM)	
		1	**9G-0003**	1	COVER AS-TERMINAL (BLACK)	
		1	**9G-0004**	1	COVER AS-TERMINAL (RED)	
		1	**8C-5917**	1	TERMINAL AS-BATTERY (POSITIVE)	
		1	**8T-9757**	1	TERMINAL AS-BATTERY (NEGATIVE)	
	12	2	**121-7848**	2	PLATE	
	13	3	**146-6747**	1	FILM-INFORMATION (24-VOLT)	
	14	4	**153-5710**	2	BATTERY GP (12-VOLT, MAINTENANCE FREE, WET)	
	15	1	**191-8041**	1	ANGLE AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	16	3	**196-1963**	1	BRACKET AS	
	17	1	**198-7651**	1	BRACKET AS	
	18	2	**209-1317**	1	RECEPTACLE AS	
		2	**1S-7251**	2	TERMINAL-CABLE (00-GA, 1/2-IN SCREW)	
D		2	**6V-2722**		TUBE-HEAT SHRINK (25.4-MM DIA) (0.1-M)	
E		2	**159-8049**		CABLE (00-GA, RED) (145-CM)	
E		2	**159-8050**		CABLE (00-GA, BLACK) (65-CM)	
	19	1	**268-0210**	1	CABLE AS	
		1	**3L-7634**	2	TERMINAL-RING (0000-GA, 1/2-IN SCREW)	
		1	**9X-4519**	2	BOOT (RED)	
E		1	**159-8053**		CABLE-ELECTRICAL (00-GA, RED) (176-CM)	
	20	1	**268-0211**	1	CABLE AS	
		1	**3L-7634**	2	TERMINAL-RING (0000-GA, 1/2-IN SCREW)	
E		1	**159-8054**		CABLE-ELECTRICAL (0000-GA, BLACK) (65-CM)	
	21	1	**268-0212**	1	CABLE AS	
		1	**1S-7252**	1	TERMINAL-CABLE (00-GA, 3/8-IN SCREW)	
		1	**6T-0465**	1	COVER-TERMINAL (BLACK)	
		1	**7N-5274**	1	COVER AS-TERMINAL (BLACK)	
		1	**3S-6050**	1	TERMINAL AS-BATTERY (NEGATIVE)	
		1	**1M-6119**	1	BOLT (5/16-18X1.375-IN)	
		1	**1M-6120**	1	NUT (5/16-18-THD)	
E		1	**159-8050**		CABLE (00-GA, BLACK) (76-CM)	
	22	1	**268-0213**	1	CABLE AS	
		1	**1S-7251**	1	TERMINAL-CABLE (00-GA, 1/2-IN SCREW)	

266-9742 **BATTERY & WIRING GP (**contd.**)** **i02424172**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		1	**8N-0869**	1	COVER-TERMINAL (RED)	
		1	**8N-1725**	1	COVER AS-TERMINAL (RED)	
		1	**3S-6049**	1	TERMINAL AS-BATTERY (POSITIVE)	
		1	**1M-6119**	1	BOLT (5/16-18X1.375-IN)	
		1	**1M-6120**	1	NUT (5/16-18-THD)	
E		1	**159-8049**		CABLE (00-GA, RED) (262-CM)	
	23	1	**268-0214**	1	CABLE AS	
		1	**3L-7634**	1	TERMINAL-RING (0000-GA, 1/2-IN SCREW)	
		1	**031-9295**	1	TERMINAL-RING (0000-GA, 3/8-IN SCREW)	
E		1	**159-8054**		CABLE-ELECTRICAL (0000-GA, BLACK) (118-CM)	
	24	2	**271-5709**	1	PLATE AS	
	25	2	**1S-0994**	3	CLIP (LOOP)	
	26	2,3,4	**2V-1771**	10	GROMMET	
	27	1	**4S-1962**	2	CLIP (LOOP)	
	28	3	**5G-6505**	3	WASHER (25X38X14-MM THK)	
	29	1	**5P-7462**	5	CLIP (SLOT)	
	30	1	**5P-7463**	5	CLIP (TAB)	
	31	1	**5P-8939**	2	GROMMET	
	32	2,3	**6D-4246**	9	CLIP (LOOP)	
	33	3,4	**6K-8178**	2	CLIP	
	34	1	**6V-0683**	5	GROMMET	
	35	3	**6V-8188**	6	NUT (1/2-13-THD)	
	36	3	**7F-0560**	6	WASHER (0.516X0.938X0.101-IN THK)	
	37	3	**8C-6358**	1	BLOCK AS-JUNCTION (BATTERY)	
		3	**1D-5117**	3	NUT-JAM (1/2-13-THD)	
		3	**8T-3519**	3	BOLT-BRONZE (1/2-13X2-IN)	
	38	4	**8S-0948**	1	CLIP	
M	39	4	**8T-0389**	4	LOCKNUT (M10X1.5-THD)	
	40	1,2,3,4	**8T-4121**	34	WASHER-HARD (11X21X2.5-MM THK)	
M	41	1	**8T-4133**	2	NUT (M10X1.5-THD)	
M	42	1,2,3	**8T-4136**	11	BOLT (M10X1.5X25-MM)	
M	43	1,2	**8T-4137**	7	BOLT (M10X1.5X20-MM)	
M	44	4	**8T-4139**	4	BOLT (M12X1.75X30-MM)	
M	45	1,4	**8T-4186**	3	BOLT (M10X1.5X40-MM)	
M	46	2,4	**8T-4195**	5	BOLT (M10X1.5X30-MM)	
	47	1,2,3,4	**8T-4223**	9	WASHER-HARD (13.5X25.5X3-MM THK)	
	48	3	**8T-4224**	6	WASHER-HARD (8.8X16X2-MM THK)	
M	49	1,2,3	**8T-4244**	3	NUT (M12X1.75-THD)	
M	50	3	**8T-4956**	2	BOLT (M12X1.75X35-MM)	
M	51	1	**8T-5005**	2	BOLT (M10X1.5X70-MM)	
M	52	3	**8T-7547**	6	BOLT (M8X1.25X30-MM)	
	53	2	**9M-8406**	1	CLIP (LOOP)	
	54	4	**9U-1399**	2	ROD	

D - ORDER BY THE METER
E - ORDER BY THE CENTIMETER
M - METRIC PART

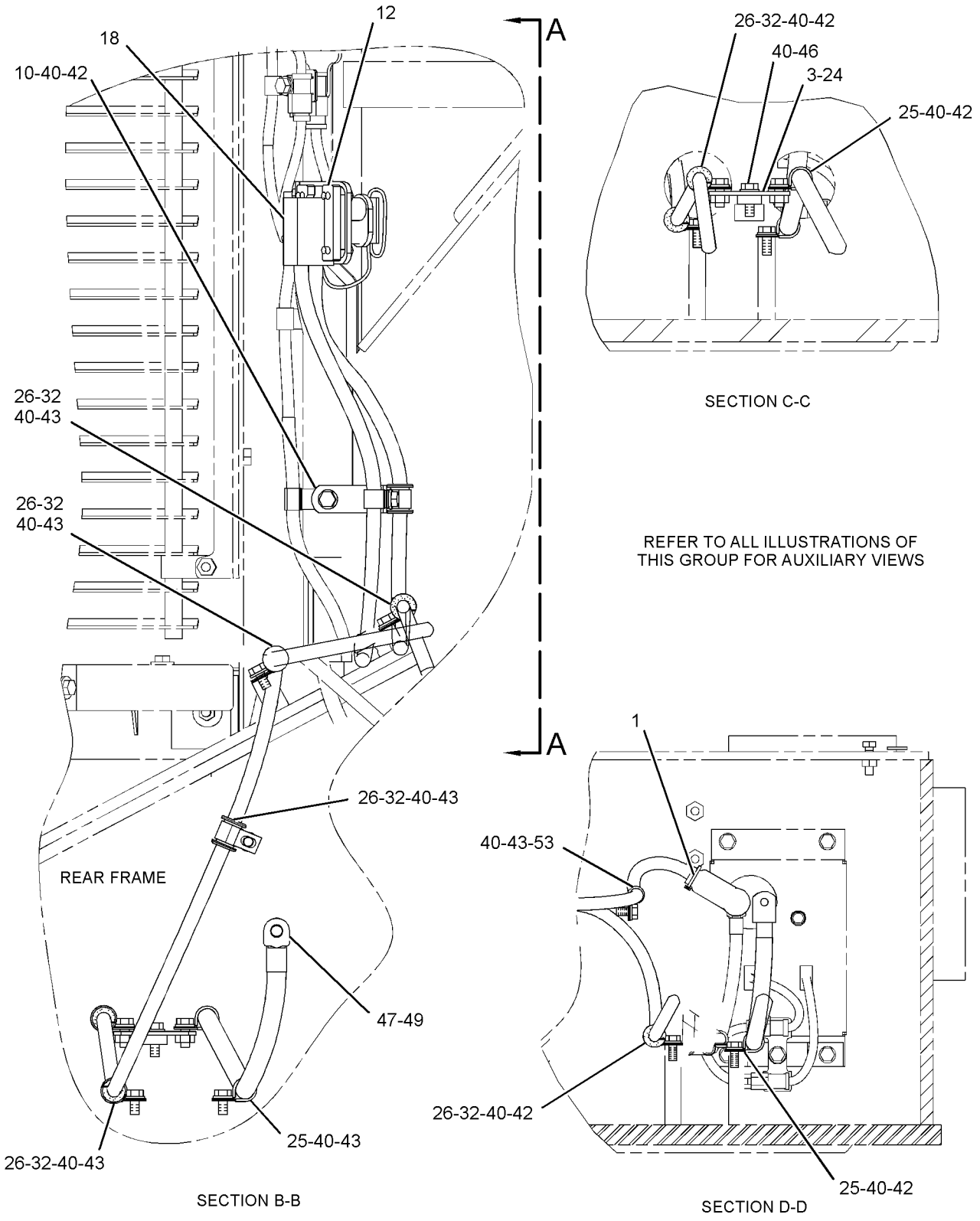
266-9742 **BATTERY & WIRING GP** (contd.) **i02424172**



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

GRAPHIC #1 g01213493

266-9742 **BATTERY & WIRING GP (**contd.**)** **i02424172**

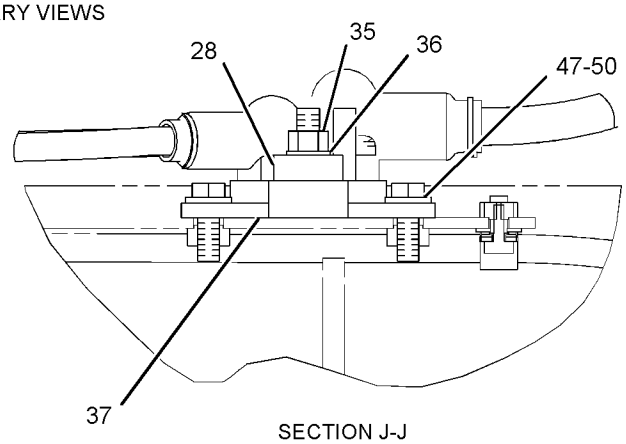


GRAPHIC #2

g01213494

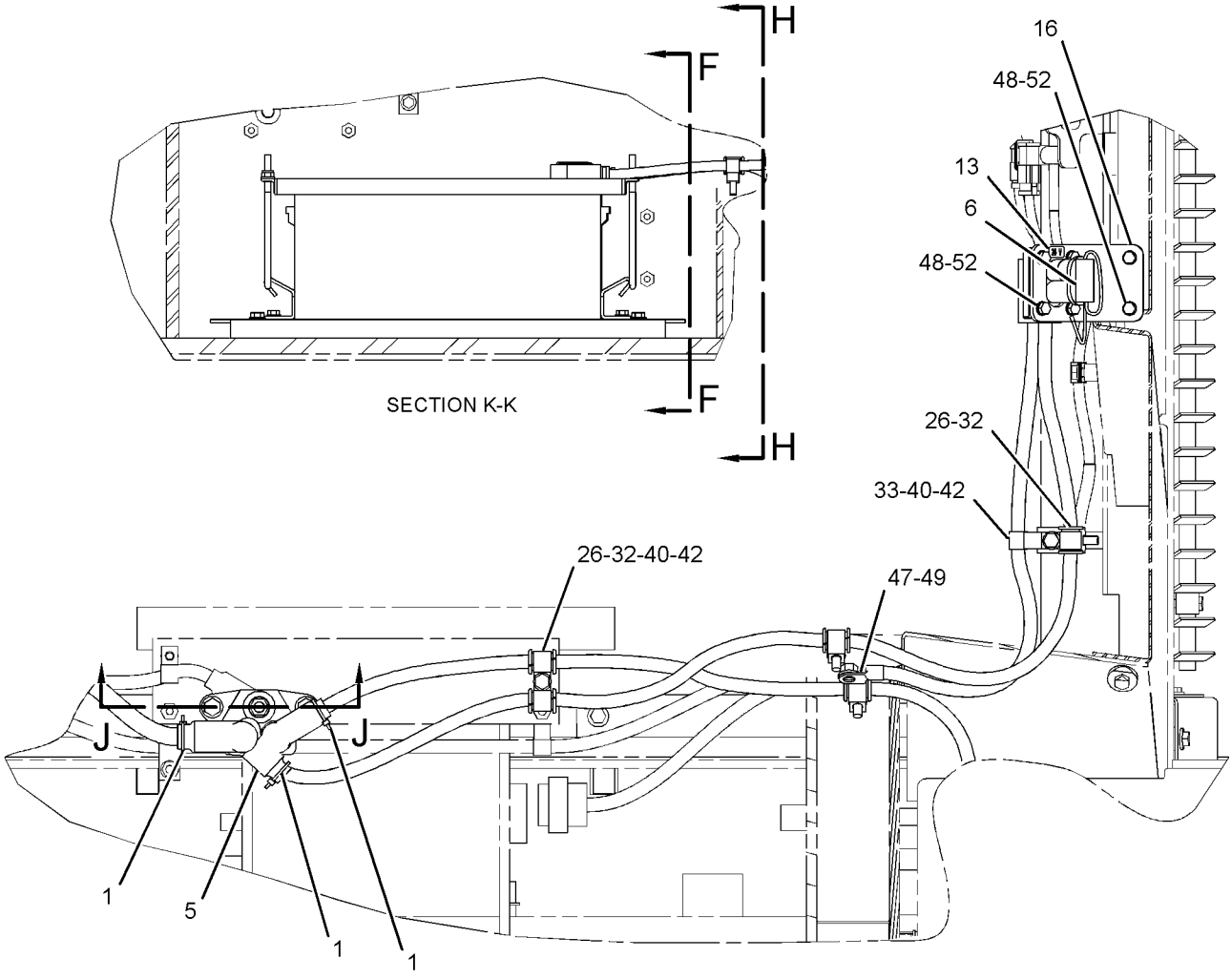
266-9742 **BATTERY & WIRING GP (**contd.**)** **i02424172**

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



SECTION J-J

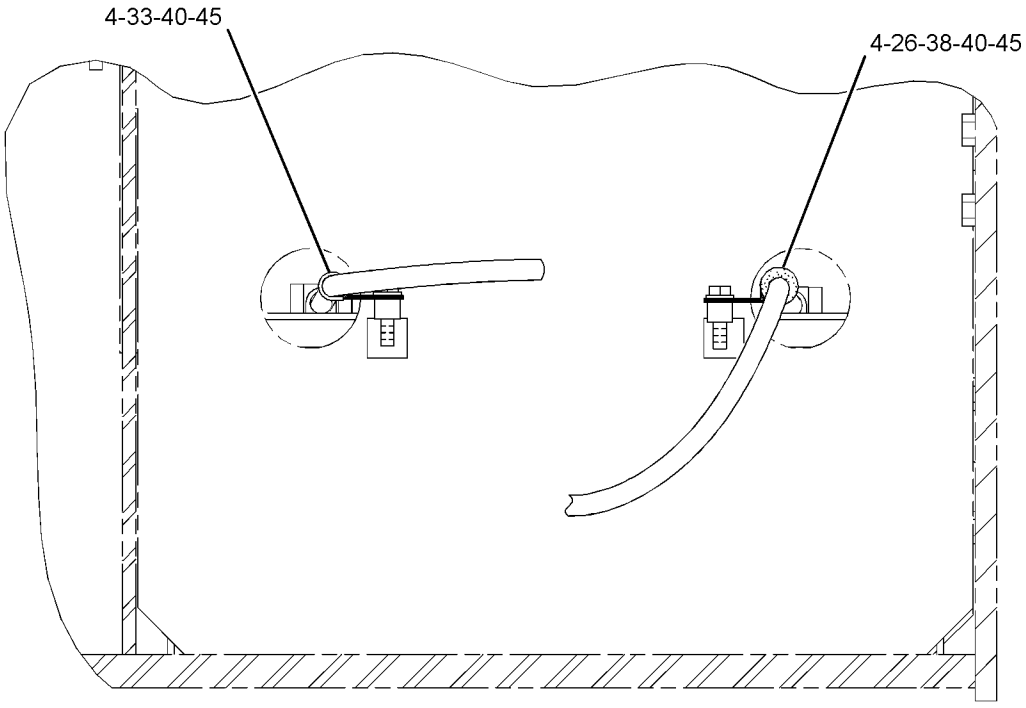
SECTION K-K



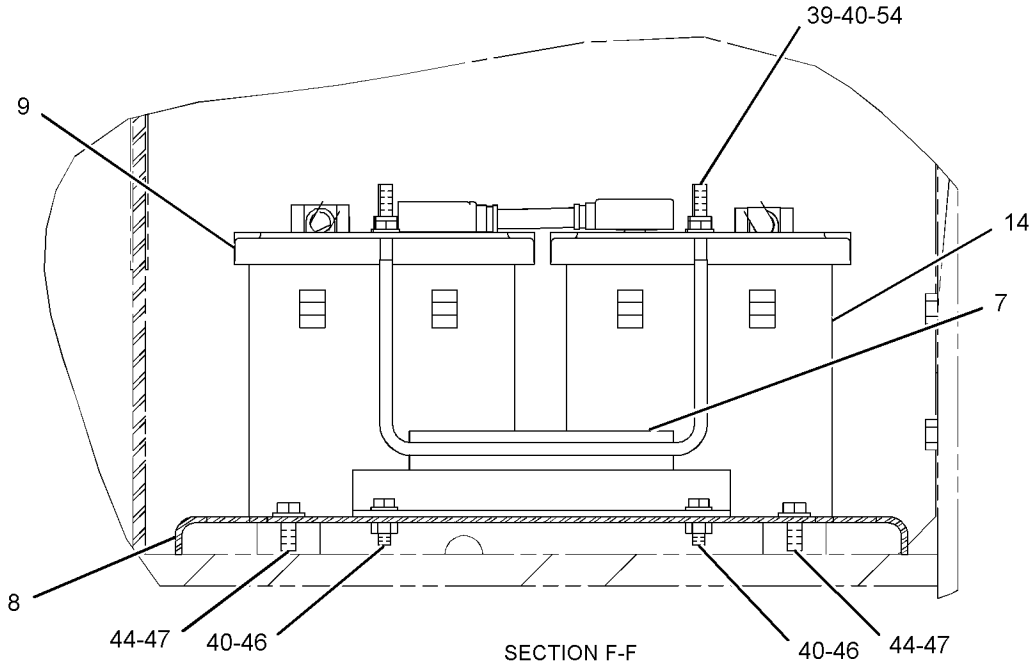
SECTION A-A

GRAPHIC #3 g01213495

266-9742 **BATTERY & WIRING GP (**contd.**)** **i02424172**



SECTION H-H



SECTION F-F

GRAPHIC #4 <END> g01213576

266-9742 BATTERY & WIRING GP

S/N: BTW172-185

PART OF 230-3276 ELECTRICAL AR

SMCS-1401, 1402, 1408 **i02908840**

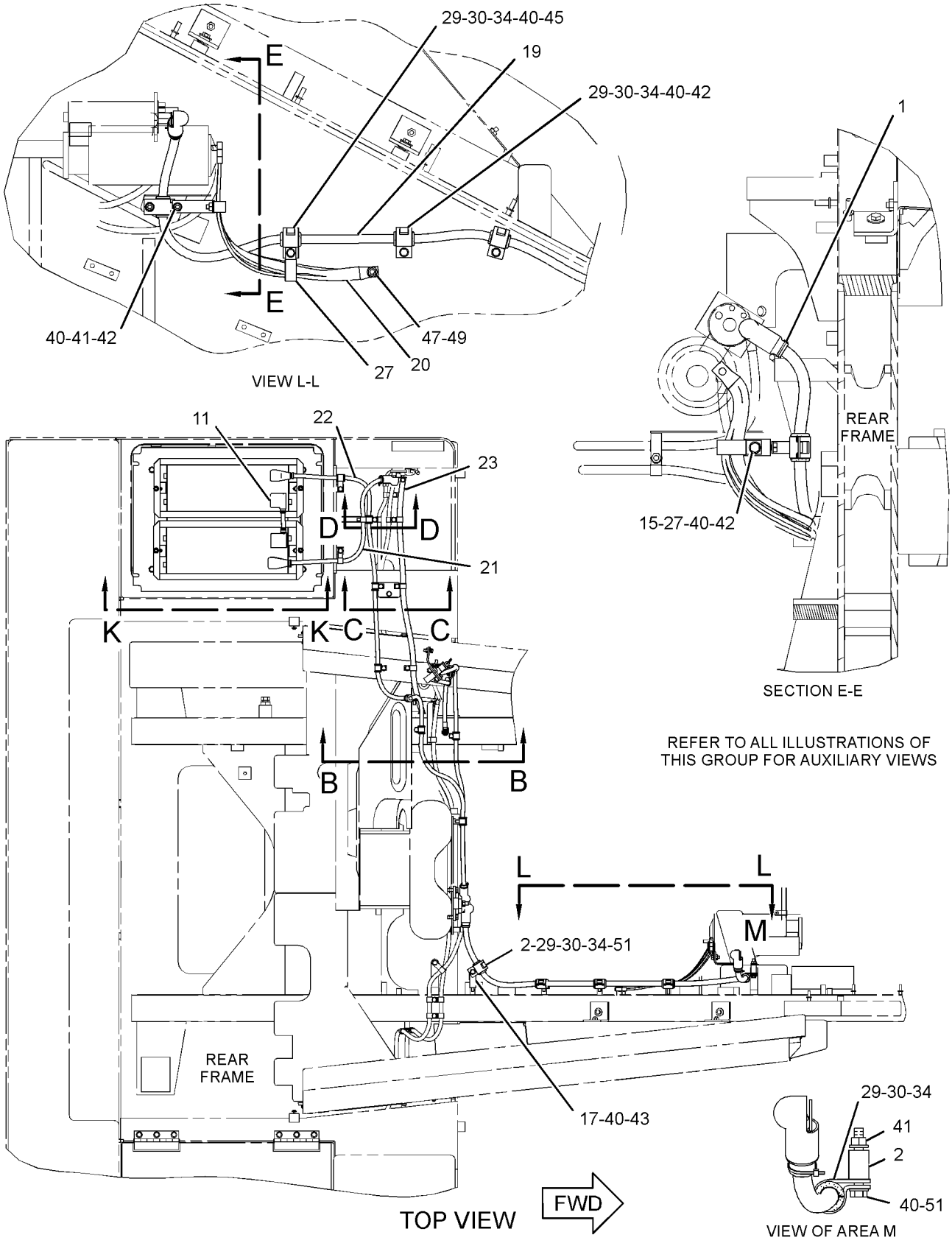
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1,2,3	**3S-2093**	5	STRAP-CABLE	
	2	1	**6B-6205**	2	SPACER (0.438X0.875X1.281-IN THK)	
	3	2	**7V-5515**	1	SPACER (11X26.7X12-MM THK)	
	4	4	**7W-8106**	2	SPACER (11.13X19.05X15-MM THK)	
	5	3	**8N-0869**	1	COVER-TERMINAL (RED)	
	6	3	**8S-2634**	1	COVER AS	
		3	**2P-2975**	2	SEAL-O-RING	
	7	4	**9U-1400**	2	BRACKET	
	8	4	**9U-1401**	1	PLATE AS	
M		4	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	9	4	**9U-1598**	2	FRAME AS (BATTERY HOLD-DOWN)	
	10	2	**103-0010**	1	BRACKET AS	
	11	1	**118-1277**	1	CABLE AS-BATTERY	
E		1	**5P-0761**		CABLE (00-GA, RED) (20-CM)	
		1	**9G-0003**	1	COVER AS-TERMINAL (BLACK)	
		1	**9G-0004**	1	COVER AS-TERMINAL (RED)	
		1	**8C-5917**	1	TERMINAL AS-BATTERY (POSITIVE)	
		1	**8T-9757**	1	TERMINAL AS-BATTERY (NEGATIVE)	
	12	2	**121-7848**	2	PLATE	
	13	3	**146-6747**	1	FILM-INFORMATION (24-VOLT)	
	14	4	**153-5710**	2	BATTERY GP (12-VOLT, MAINTENANCE FREE, WET)	
	15	1	**191-8041**	1	ANGLE AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	16	3	**196-1963**	1	BRACKET AS	
	17	1	**198-7651**	1	BRACKET AS	
	18	2	**209-1317**	1	RECEPTACLE AS	
		2	**1S-7251**	2	TERMINAL-CABLE (00-GA, 1/2-IN SCREW)	
D		2	**6V-2722**		TUBE-HEAT SHRINK (25.4-MM DIA) (0.1-M)	
E		2	**159-8049**		CABLE (00-GA, RED) (145-CM)	
E		2	**159-8050**		CABLE (00-GA, BLACK) (65-CM)	
	19	1	**268-0210**	1	CABLE AS	
		1	**3L-7634**	2	TERMINAL-RING (0000-GA, 1/2-IN SCREW)	
		1	**9X-4519**	2	BOOT (RED)	
E		1	**159-8053**		CABLE-ELECTRICAL (00-GA, RED) (176-CM)	
C	20	1	**301-8685**	1	STRAP AS	
	21	1	**268-0212**	1	CABLE AS	
		1	**1S-7252**	1	TERMINAL-CABLE (00-GA, 3/8-IN SCREW)	
		1	**6T-0465**	1	COVER-TERMINAL (BLACK)	
		1	**7N-5274**	1	COVER AS-TERMINAL (BLACK)	
		1	**3S-6050**	1	TERMINAL AS-BATTERY (NEGATIVE)	
		1	**1M-6119**	1	BOLT (5/16-18X1.375-IN)	
		1	**1M-6120**	1	NUT (5/16-18-THD)	
E		1	**159-8050**		CABLE (00-GA, BLACK) (76-CM)	
	22	1	**268-0213**	1	CABLE AS	
		1	**1S-7251**	1	TERMINAL-CABLE (00-GA, 1/2-IN SCREW)	
		1	**8N-0869**	1	COVER-TERMINAL (RED)	
		1	**8N-1725**	1	COVER AS-TERMINAL (RED)	

266-9742 **BATTERY & WIRING GP (**contd.**)** **i02908840**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		1	**3S-6049**	1	TERMINAL AS-BATTERY (POSITIVE)	
		1	**1M-6119**	1	BOLT (5/16-18X1.375-IN)	
		1	**1M-6120**	1	NUT (5/16-18-THD)	
E		1	**159-8049**		CABLE (00-GA, RED) (262-CM)	
	23	1	**268-0214**	1	CABLE AS	
		1	**3L-7634**	1	TERMINAL-RING (0000-GA, 1/2-IN SCREW)	
		1	**031-9295**	1	TERMINAL-RING (0000-GA, 3/8-IN SCREW)	
E		1	**159-8054**		CABLE-ELECTRICAL (0000-GA, BLACK) (118-CM)	
	24	2	**271-5709**	1	PLATE AS	
	25	2	**1S-0994**	3	CLIP (LOOP)	
	26	2,3,4	**2V-1771**	10	GROMMET	
C	27	1	**6D-1641**	2	CLIP	
	28	3	**5G-6505**	3	WASHER (25X38X14-MM THK)	
	29	1	**5P-7462**	5	CLIP (SLOT)	
	30	1	**5P-7463**	5	CLIP (TAB)	
	32	2,3	**6D-4246**	9	CLIP (LOOP)	
	33	3,4	**6K-8178**	2	CLIP	
	34	1	**6V-0683**	5	GROMMET	
	35	3	**6V-8188**	6	NUT (1/2-13-THD)	
	36	3	**7F-0560**	6	WASHER (0.516X0.938X0.101-IN THK)	
	37	3	**8C-6358**	1	BLOCK AS-JUNCTION (BATTERY)	
		3	**1D-5117**	3	NUT-JAM (1/2-13-THD)	
		3	**8T-3519**	3	BOLT-BRONZE (1/2-13X2-IN)	
	38	4	**8S-0948**	1	CLIP	
M	39	4	**8T-0389**	4	LOCKNUT (M10X1.5-THD)	
	40	1,2,3,4	**8T-4121**	34	WASHER-HARD (11X21X2.5-MM THK)	
M	41	1	**8T-4133**	2	NUT (M10X1.5-THD)	
M	42	1,2,3	**8T-4136**	11	BOLT (M10X1.5X25-MM)	
M	43	1,2	**8T-4137**	7	BOLT (M10X1.5X20-MM)	
M	44	4	**8T-4139**	4	BOLT (M12X1.75X30-MM)	
M	45	1,4	**8T-4186**	3	BOLT (M10X1.5X40-MM)	
M	46	2,4	**8T-4195**	5	BOLT (M10X1.5X30-MM)	
	47	1,2,3,4	**8T-4223**	9	WASHER-HARD (13.5X25.5X3-MM THK)	
	48	3	**8T-4224**	6	WASHER-HARD (8.8X16X2-MM THK)	
M	49	1,2,3	**8T-4244**	3	NUT (M12X1.75-THD)	
M	50	3	**8T-4956**	2	BOLT (M12X1.75X35-MM)	
M	51	1	**8T-5005**	2	BOLT (M10X1.5X70-MM)	
M	52	3	**8T-7547**	6	BOLT (M8X1.25X30-MM)	
	53	2	**9M-8406**	1	CLIP (LOOP)	
	54	4	**9U-1399**	2	ROD	

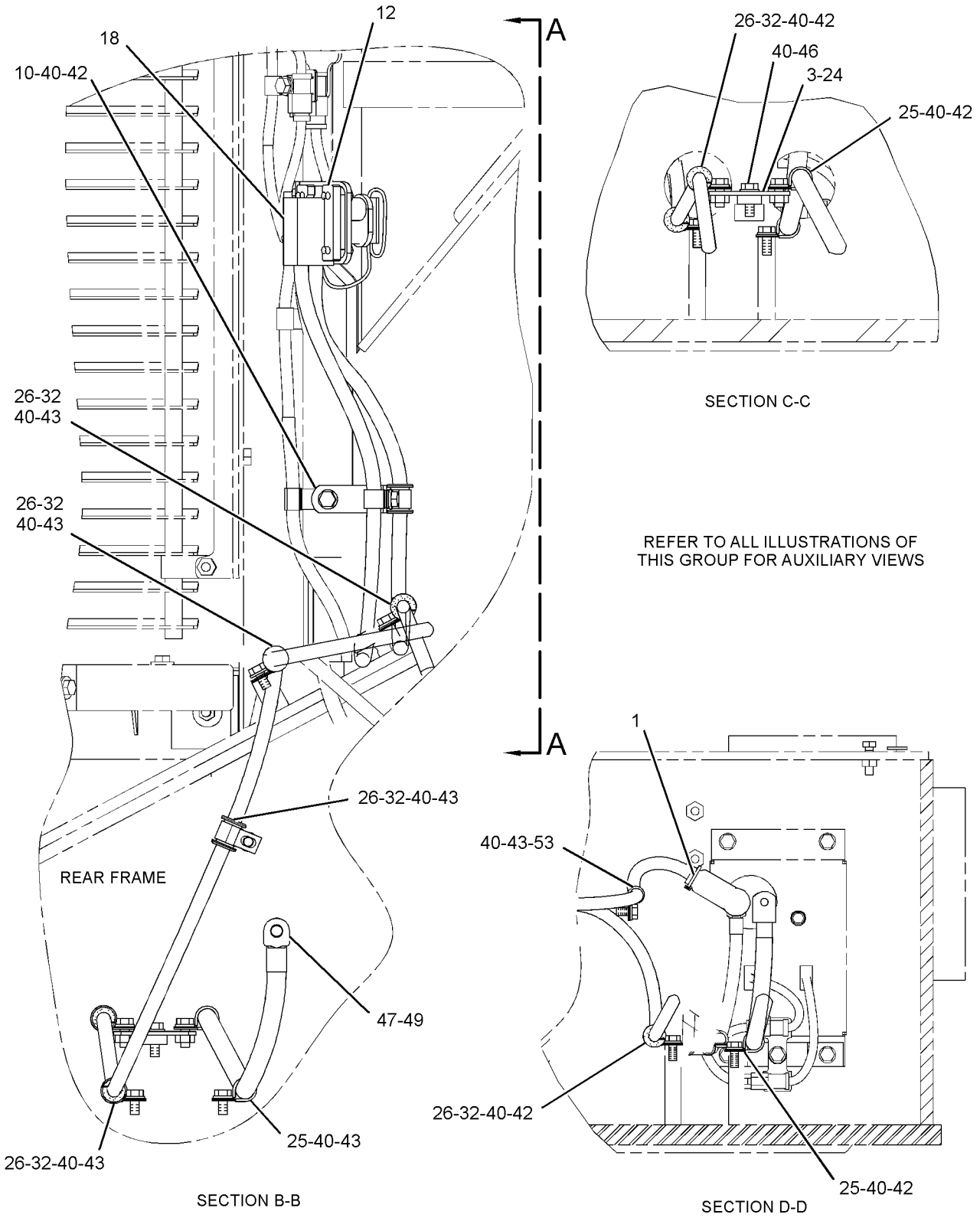
C - CHANGE FROM PREVIOUS TYPE
D - ORDER BY THE METER
E - ORDER BY THE CENTIMETER
M - METRIC PART

266-9742 **BATTERY & WIRING GP (**contd.**)** **i02908840**



GRAPHIC #1 g01557753

266-9742 **BATTERY & WIRING GP (**contd.**)** **i02908840**

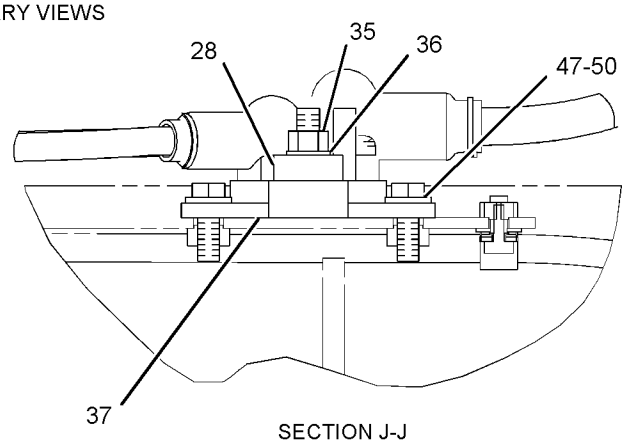


GRAPHIC #2

g01213494

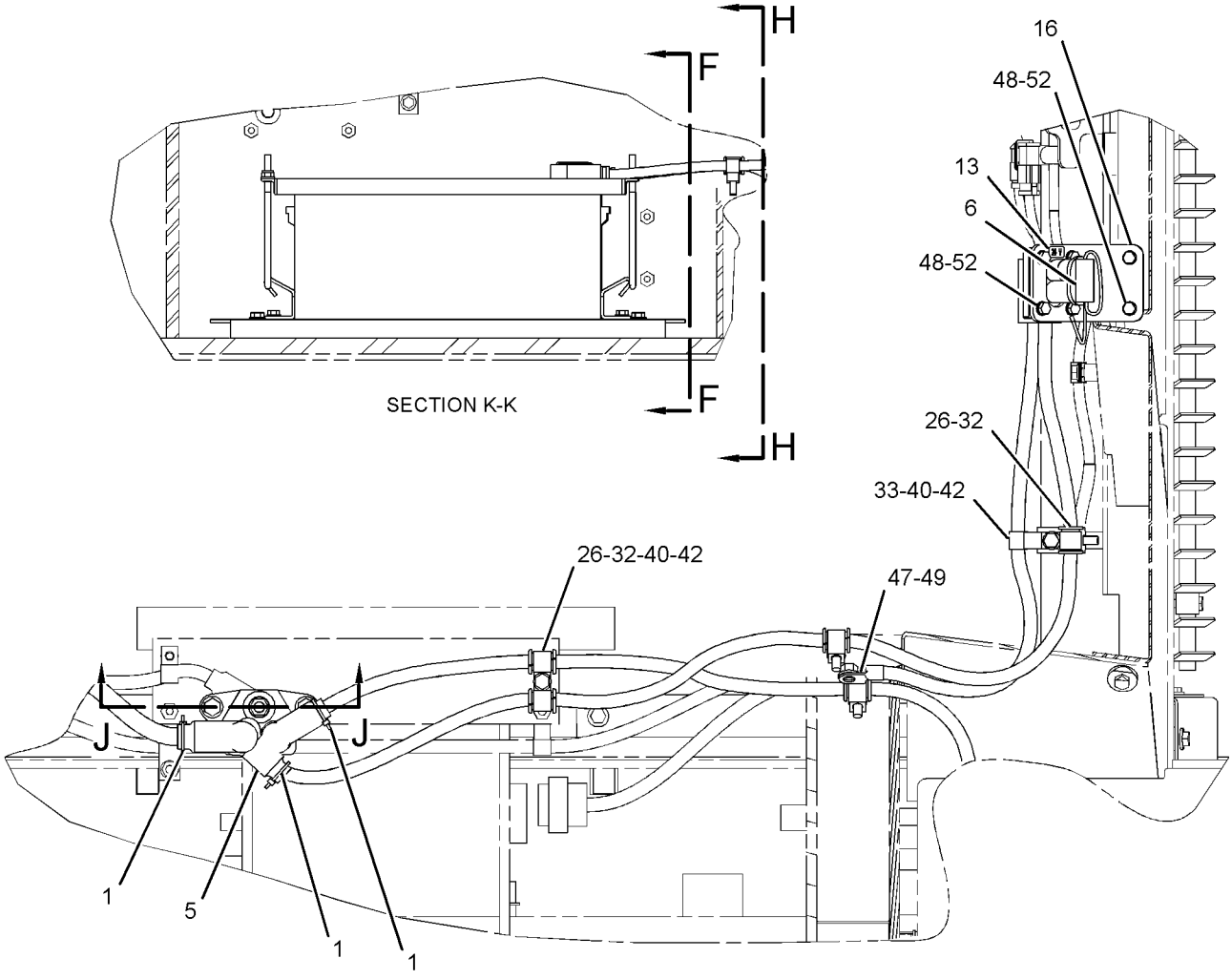
266-9742 **BATTERY & WIRING GP (**contd.**)** **i02908840**

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



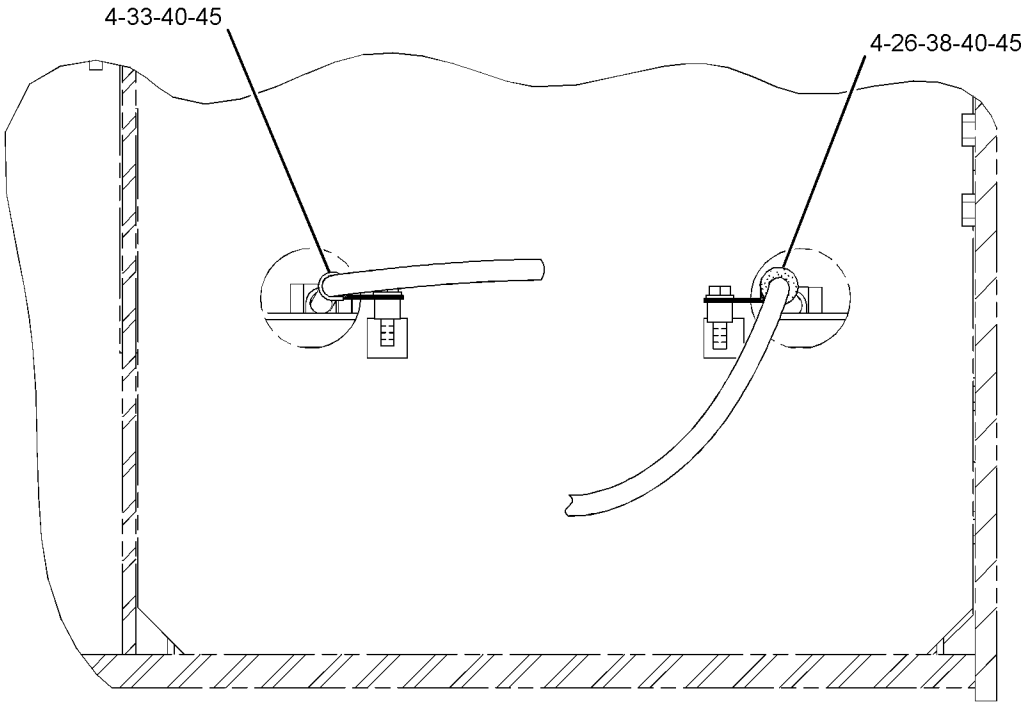
SECTION J-J

SECTION K-K

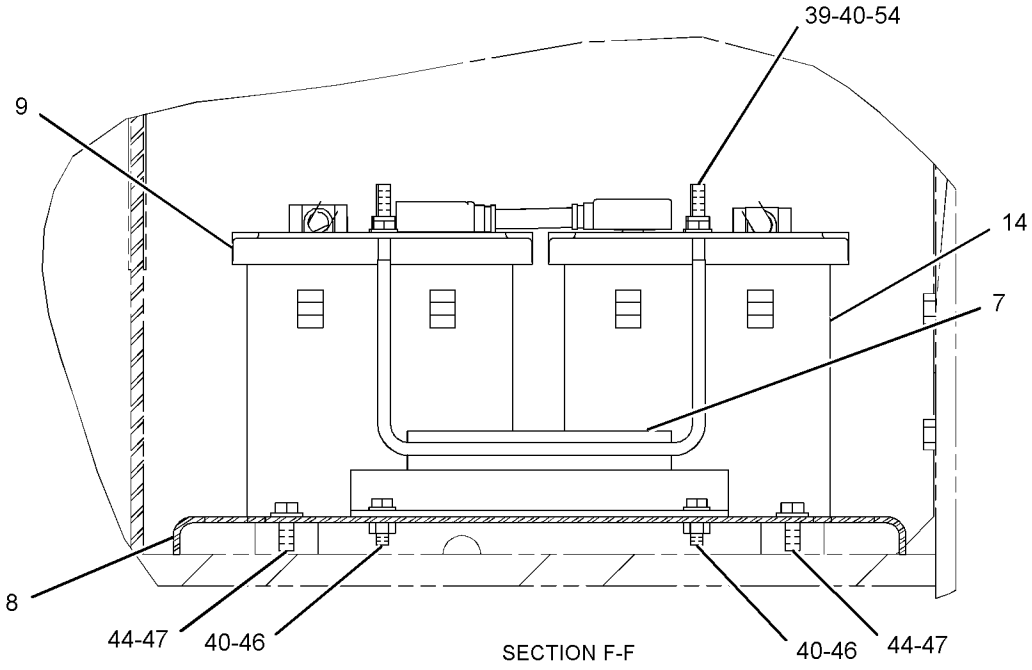


SECTION A-A

GRAPHIC #3 g01213495



SECTION H-H



SECTION F-F

GRAPHIC #4 <END> g01213576

266-9742 BATTERY & WIRING GP

S/N: BTW186-237

PART OF 230-3276 ELECTRICAL AR

SMCS-1401, 1402, 1408 **i04939123**

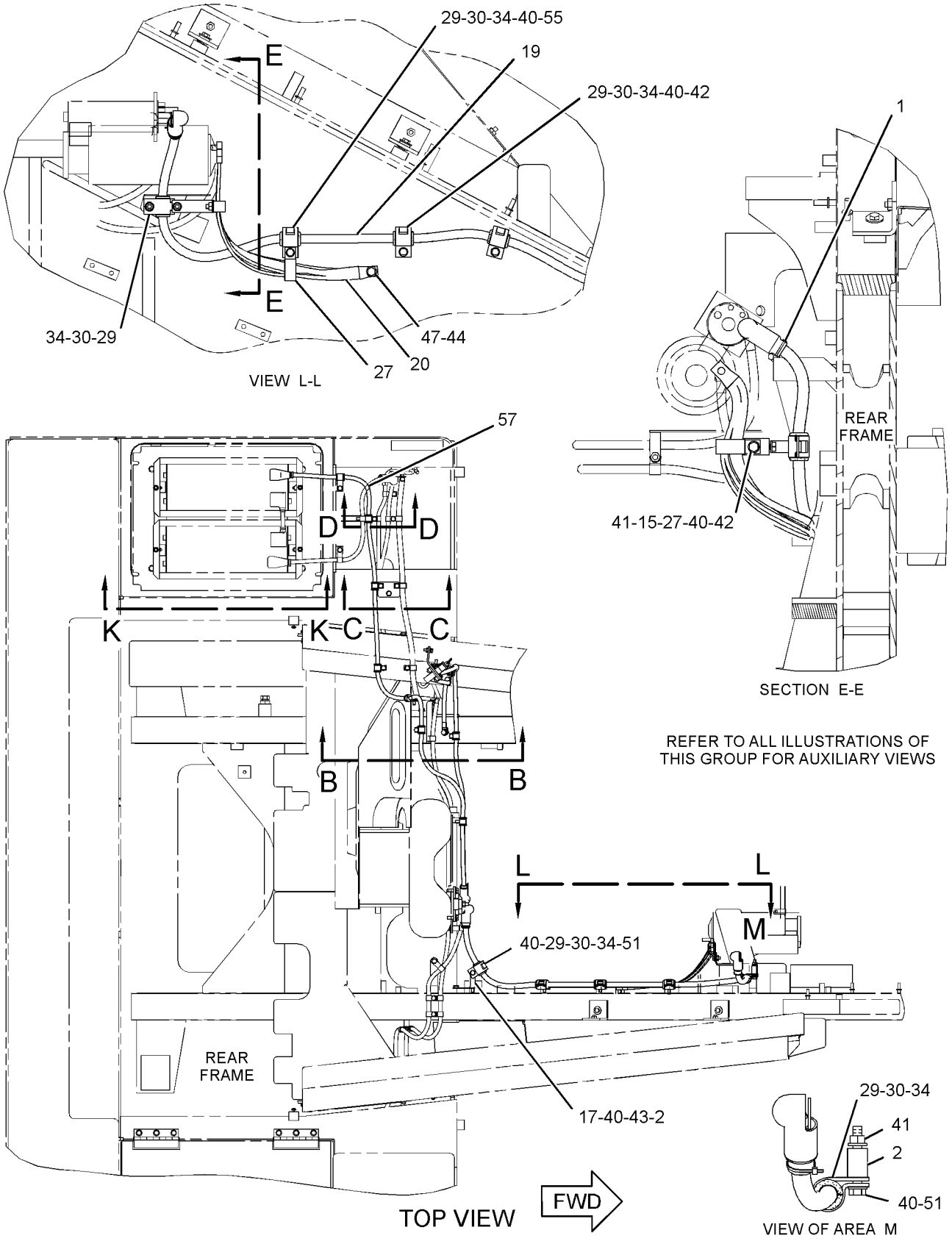
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1,3	**3S-2093**	4	STRAP-CABLE	
	2	1	**6B-6205**	2	SPACER (0.438X0.875X1.281-IN THK)	
	5	3	**8N-0869**	1	COVER-TERMINAL (RED)	
	6	3	**8S-2634**	1	COVER AS	
		3	**2P-2975**	2	SEAL-O-RING	
	10	2	**103-0010**	1	BRACKET AS	
M		2	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	12	2	**121-7848**	2	PLATE	
	13	3	**146-6747**	1	FILM-INFORMATION (24-VOLT) (BATTERY COMPARTMENT)	
	15	1	**191-8041**	1	ANGLE AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	16	3	**196-1963**	1	BRACKET AS	
	17	1	**198-7651**	1	BRACKET AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	18	2	**209-1317**	1	RECEPTACLE AS	
		2	**1S-7251**	2	TERMINAL-CABLE (00-GA, 1/2-IN SCREW)	
D		2	**6V-2722**		TUBE-HEAT SHRINK (25.4-MM DIA) (0.1-M)	
E		2	**159-8049**		CABLE (00-GA, RED) (145-CM)	
E		2	**159-8050**		CABLE (00-GA, BLACK) (65-CM)	
	19	1	**268-0210**	1	CABLE AS	
		1	**3L-7634**	2	TERMINAL-RING (0000-GA, 1/2-IN SCREW)	
		1	**9X-4519**	2	BOOT (RED)	
E		1	**159-8053**		CABLE-ELECTRICAL (00-GA, RED) (176-CM)	
	20	1	**301-8685**	1	STRAP AS	
	26	2,3	**2V-1771**	10	GROMMET	
	27	1	**6D-1641**	2	CLIP	
	28	3	**5G-6505**	3	WASHER (25X38X14-MM THK)	
	29	1	**5P-7462**	5	CLIP (SLOT)	
	30	1	**5P-7463**	5	CLIP (TAB)	
	32	2,3	**6D-4246**	9	CLIP (LOOP)	
	33	3	**6K-8178**	1	CLIP	
	34	1	**6V-0683**	5	GROMMET	
	35	3	**6V-8188**	6	NUT (1/2-13-THD)	
	36	3	**7F-0560**	6	WASHER (0.516X0.938X0.101-IN THK)	
	37	3	**8C-6358**	1	BLOCK AS-JUNCTION (BATTERY)	
		3	**1D-5117**	3	NUT-JAM (1/2-13-THD)	
		3	**8T-3519**	3	BOLT-BRONZE (1/2-13X2-IN)	
	40	1,2,3	**8T-4121**	23	WASHER-HARD (11X21X2.5-MM THK)	
M	41	1	**8T-4133**	2	NUT (M10X1.5-THD)	
M	42	1,2,3	**8T-4136**	8	BOLT (M10X1.5X25-MM)	
M	43	1,2	**8T-4137**	6	BOLT (M10X1.5X20-MM)	
CM	44	1	**8T-4139**	1	BOLT (M12X1.75X30-MM)	
	47	1,2,3	**8T-4223**	5	WASHER-HARD (13.5X25.5X3-MM THK)	
	48	3	**8T-4224**	6	WASHER-HARD (8.8X16X2-MM THK)	
CM	49	2,3	**8T-4192**	2	BOLT (M12X1.75X25-MM)	
M	50	3	**8T-4956**	2	BOLT (M12X1.75X35-MM)	
M	51	1	**8T-5005**	2	BOLT (M10X1.5X70-MM)	

266-9742 **BATTERY & WIRING GP (**contd.**)** **i04939123**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	52	3	**8T-7547**	6	BOLT (M8X1.25X30-MM)	
M	55	1	**8T-4196**	1	BOLT (M10X1.5X35-MM)	
	56	2	**271-5709**	1	PLATE AS	
	57	1	**268-0213**	1	CABLE AS	
		1	**1S-7251**	1	TERMINAL-CABLE (00-GA, 1/2-IN SCREW)	
		1	**8N-0869**	1	COVER-TERMINAL (RED)	
		1	**8N-1725**	1	COVER AS-TERMINAL (RED)	
		1	**8L-8413**	1	STRAP-CABLE (WHITE)	
		1	**3S-6049**	1	TERMINAL AS-BATTERY (POSITIVE)	
		1	**1M-6119**	1	BOLT (5/16-18X1.375-IN)	
		1	**1M-6120**	1	NUT (5/16-18-THD)	
M	58	2	**8T-4195**	3	BOLT (M10X1.5X30-MM)	
M	59	3	**8T-4186**	1	BOLT (M10X1.5X40-MM)	
	60	3	**8S-0948**	1	CLIP	
	61	3	**7W-8106**	1	SPACER (11.13X19.05X15-MM THK)	
	62	2	**7V-5515**	1	SPACER (11X26.7X12-MM THK)	
	63	2	**1S-0994**	2	CLIP (LOOP)	

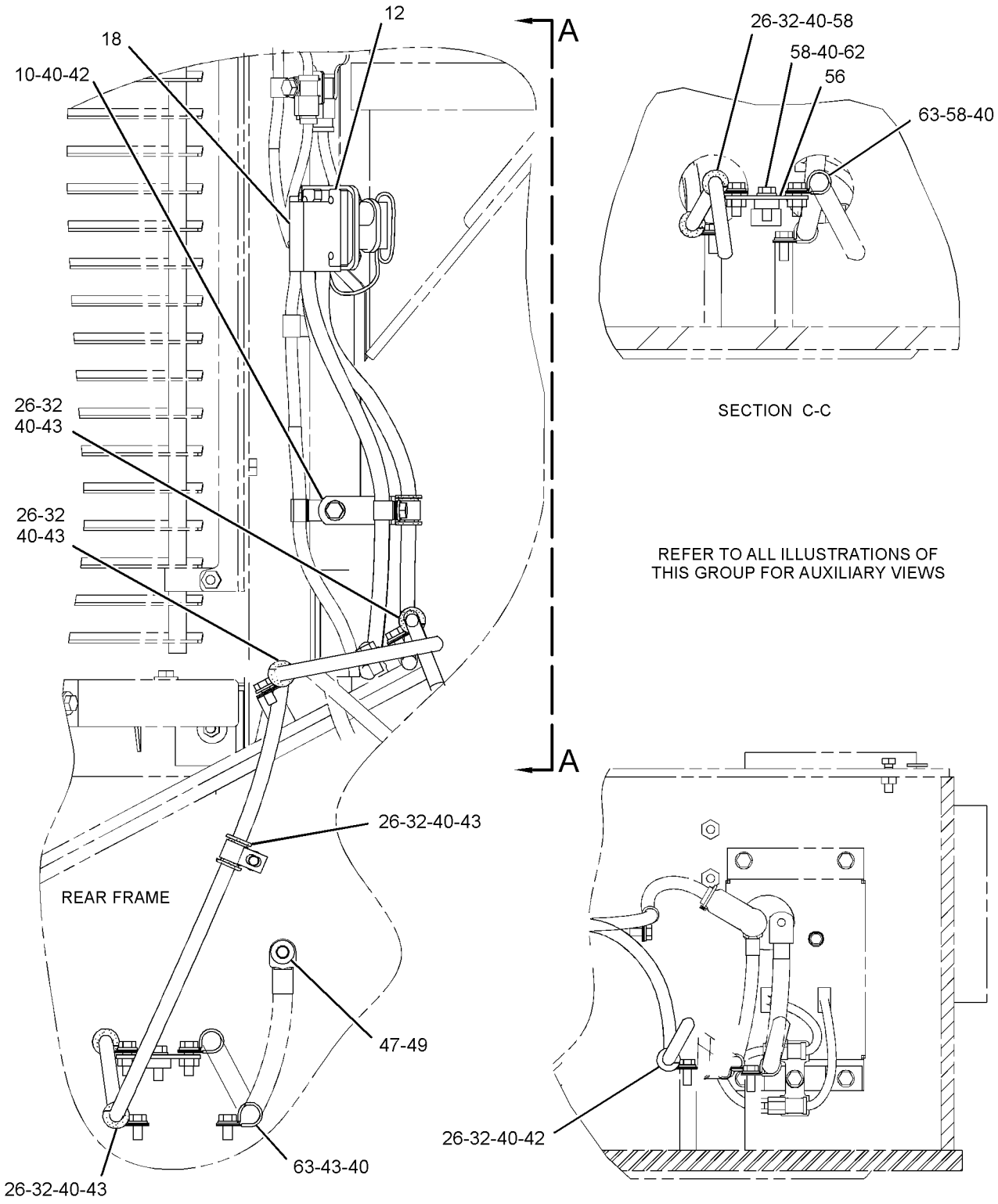
C - CHANGE FROM PREVIOUS TYPE
D - ORDER BY THE METER
E - ORDER BY THE CENTIMETER
M - METRIC PART

266-9742 **BATTERY & WIRING GP** (contd.) **i04939123**



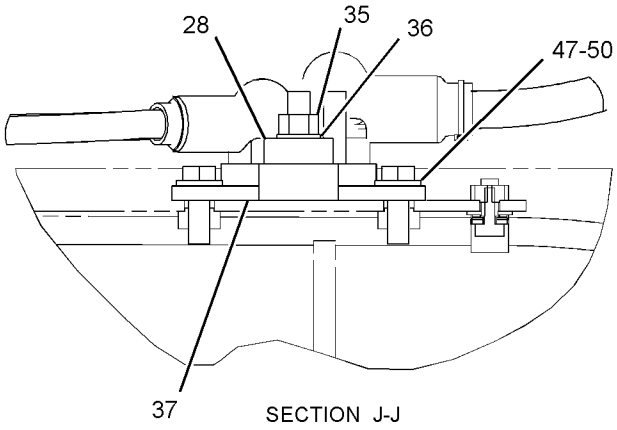
GRAPHIC #1 g03166316

266-9742 **BATTERY & WIRING GP (**contd.**)** **i04939123**

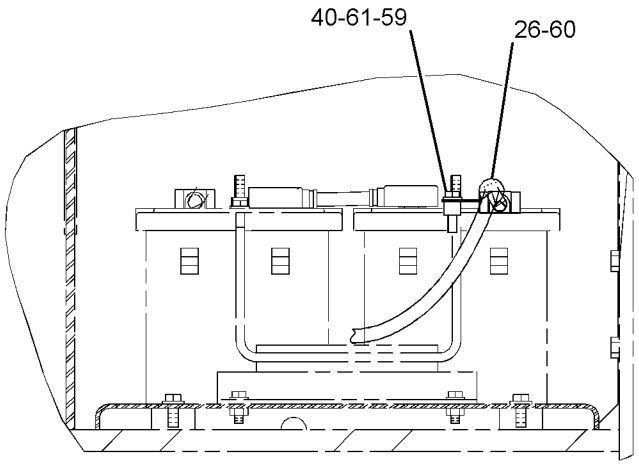


GRAPHIC #2 g03166317

266-9742 **BATTERY & WIRING GP (**contd.**)** **i04939123**

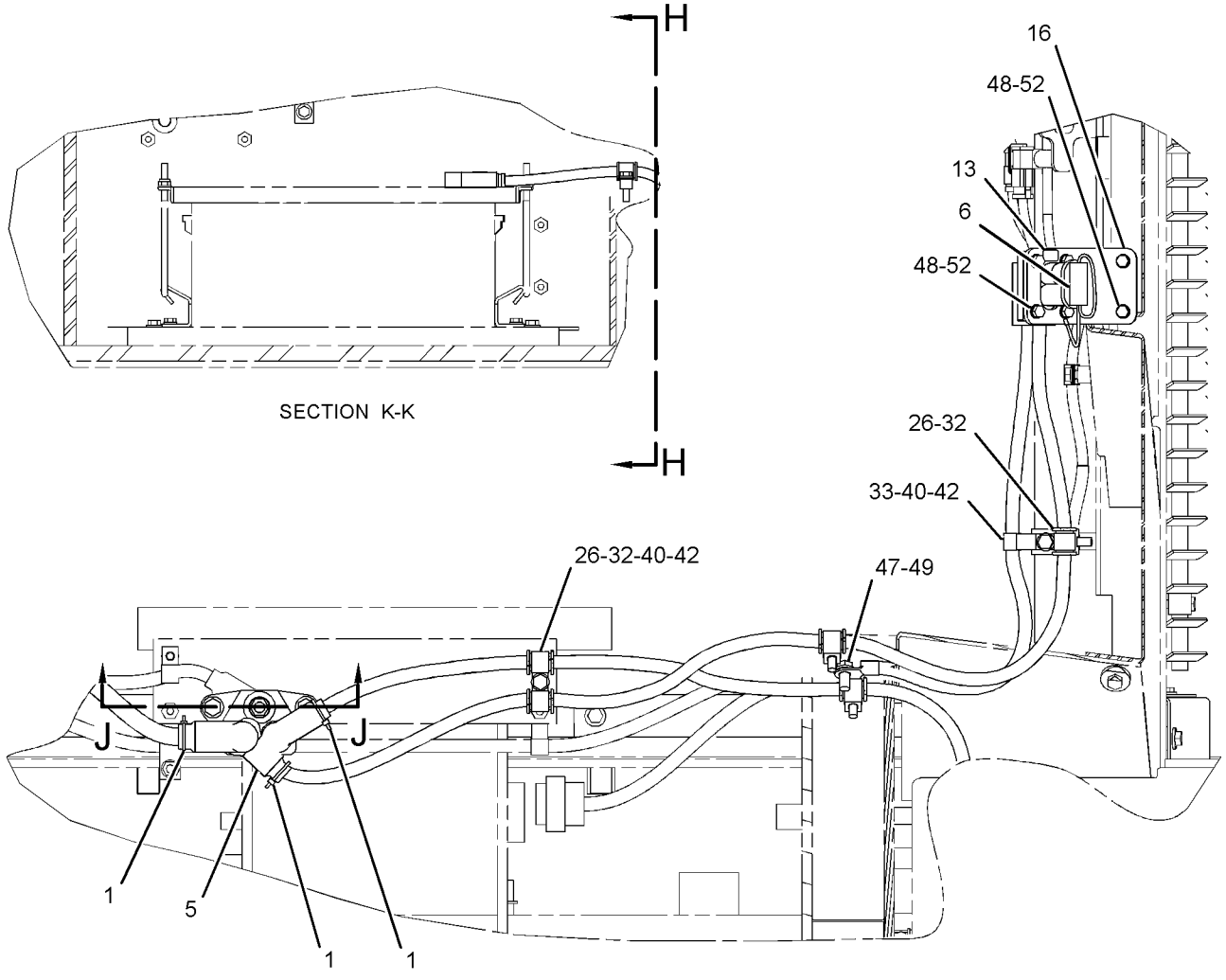


SECTION J-J



SECTION H-H

SECTION K-K



SECTION A-A

GRAPHIC #3 <END> g03166318

266-9742 BATTERY & WIRING GP

S/N: BTW238-UP

PART OF 230-3276 ELECTRICAL AR

SMCS-1401, 1402, 1408 **i07183932**

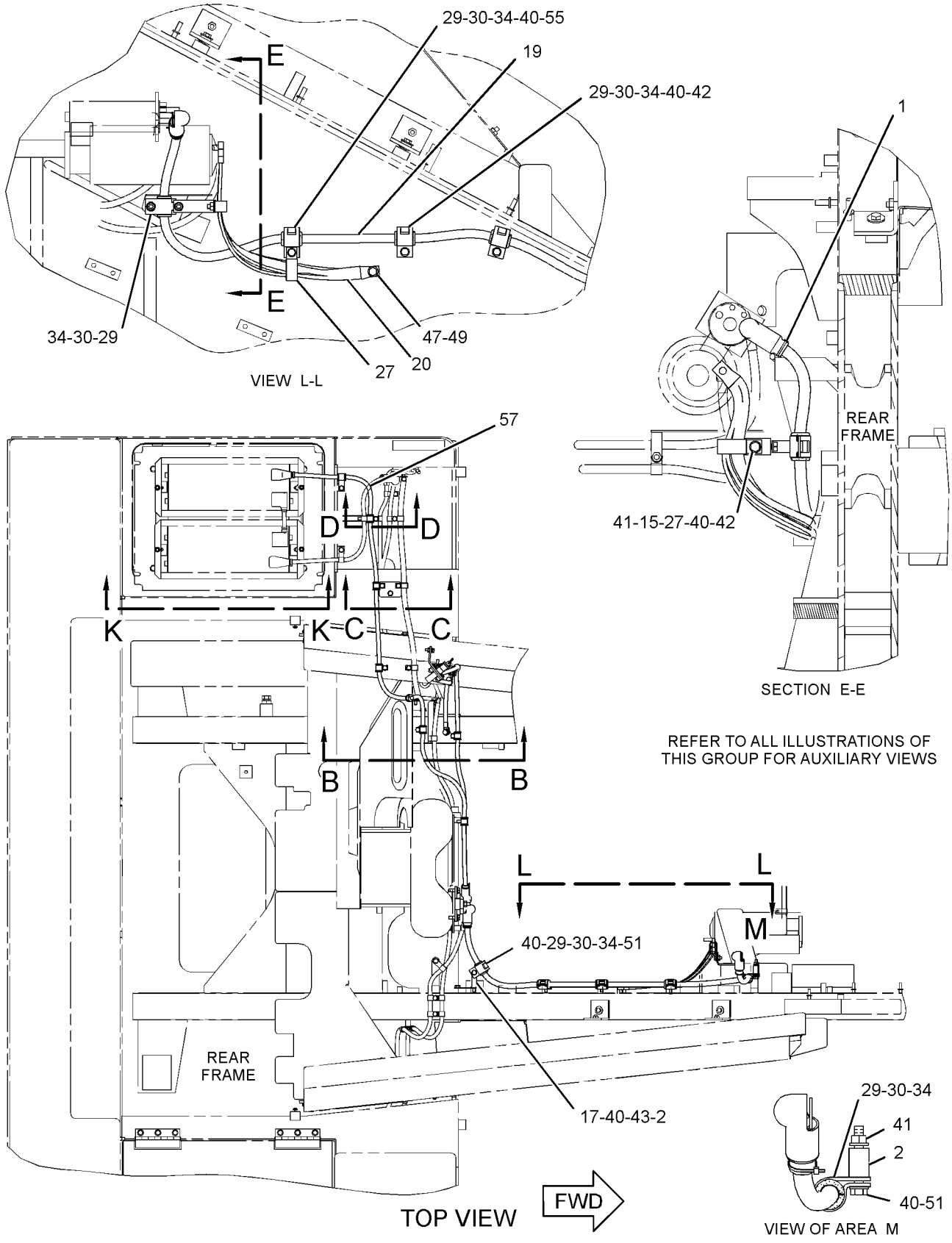
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1,3	**3S-2093**	4	STRAP-CABLE	
	2	3	**6B-6205**	2	SPACER (0.438X0.875X1.281-IN THK)	
	5	1	**8N-0869**	1	COVER-TERMINAL (RED)	
	6	1	**8S-2634**	1	COVER AS	
	10	2	**103-0010**	1	BRACKET AS	
	12	2	**121-7848**	2	PLATE	
	13	1	**146-6747**	1	FILM-INFORMATION (24-VOLT) (BATTERY COMPARTMENT)	
	15	3	**191-8041**	1	ANGLE AS	
	16	1	**196-1963**	1	BRACKET AS	
	17	3	**198-7651**	1	BRACKET AS	
	18	2	**209-1317**	1	RECEPTACLE AS	
		2	**1S-7251**	2	TERMINAL-CABLE (00-GA, 1/2-IN SCREW)	
D		2	**6V-2722**		TUBE-HEAT SHRINK (25.4-MM DIA) (0.1-M)	
E		2	**159-8049**		CABLE (00-GA, RED) (145-CM)	
E		2	**159-8050**		CABLE (00-GA, BLACK) (65-CM)	
	19	3	**268-0210**	1	CABLE AS	
		3	**3L-7634**	2	TERMINAL-RING (0000-GA, 1/2-IN SCREW)	
		3	**9X-4519**	2	BOOT (RED)	
E		3	**159-8053**		CABLE-ELECTRICAL (00-GA, RED) (176-CM)	
	20	3	**301-8685**	1	STRAP AS	
		3	**363-4344**	2	TERMINAL-RING	
	26	1,2	**2V-1771**	10	GROMMET	
	27	3	**6D-1641**	2	CLIP	
	29	3	**5P-7462**	5	CLIP (SLOT)	
	30	3	**5P-7463**	5	CLIP (TAB)	
	32	1,2	**6D-4246**	9	CLIP (LOOP)	
	33	1	**6K-8178**	1	CLIP	
	34	3	**6V-0683**	5	GROMMET	
CY	37	1	**322-3305**	1	BLOCK GP-JUNCTION (BATTERY)	364
	40	1,2,3	**8T-4121**	23	WASHER-HARD (11X21X2.5-MM THK)	
M	41	3	**8T-4133**	2	NUT (M10X1.5-THD)	
M	42	1,2,3	**8T-4136**	8	BOLT (M10X1.5X25-MM)	
M	43	2,3	**8T-4137**	6	BOLT (M10X1.5X20-MM)	
	47	1,2,3	**8T-4223**	5	WASHER-HARD (13.5X25.5X3-MM THK)	
	48	1	**8T-4224**	6	WASHER-HARD (8.8X16X2-MM THK)	
CM	49	1,2,3	**8T-4192**	3	BOLT (M12X1.75X25-MM)	
M	50	1	**8T-4956**	2	BOLT (M12X1.75X35-MM)	
M	51	3	**8T-5005**	2	BOLT (M10X1.5X70-MM)	
M	52	1	**8T-7547**	6	BOLT (M8X1.25X30-MM)	
M	55	3	**8T-4196**	1	BOLT (M10X1.5X35-MM)	
	56	2	**271-5709**	1	PLATE AS	
	57	3	**268-0213**	1	CABLE AS	
		3	**159-8049**		CABLE (00-GA, RED) (262-CM)	
		3	**1S-7251**	1	TERMINAL-CABLE (00-GA, 1/2-IN SCREW)	
		3	**8N-0869**	1	COVER-TERMINAL (RED)	
		3	**8N-1725**	1	COVER AS-TERMINAL (RED)	
		3	**8L-8413**	1	STRAP-CABLE (WHITE)	

266-9742 **BATTERY & WIRING GP (**contd.**)** **i07183932**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		3	**3S-6049**	1	TERMINAL AS-BATTERY (POSITIVE)	
		3	**1M-6119**	1	BOLT (5/16-18X1.375-IN)	
		3	**1M-6120**	1	NUT (5/16-18-THD)	
M	58	2	**8T-4195**	3	BOLT (M10X1.5X30-MM)	
M	59	1	**8T-4186**	1	BOLT (M10X1.5X40-MM)	
	60	1	**8S-0948**	1	CLIP	
	61	1	**7W-8106**	1	SPACER (11.13X19.05X15-MM THK)	
	62	2	**7V-5515**	1	SPACER (11X26.7X12-MM THK)	
	63	2	**1S-0994**	2	CLIP (LOOP)	

C - CHANGE FROM PREVIOUS TYPE
D - ORDER BY THE METER
E - ORDER BY THE CENTIMETER
M - METRIC PART
Y - SEPARATE ILLUSTRATION

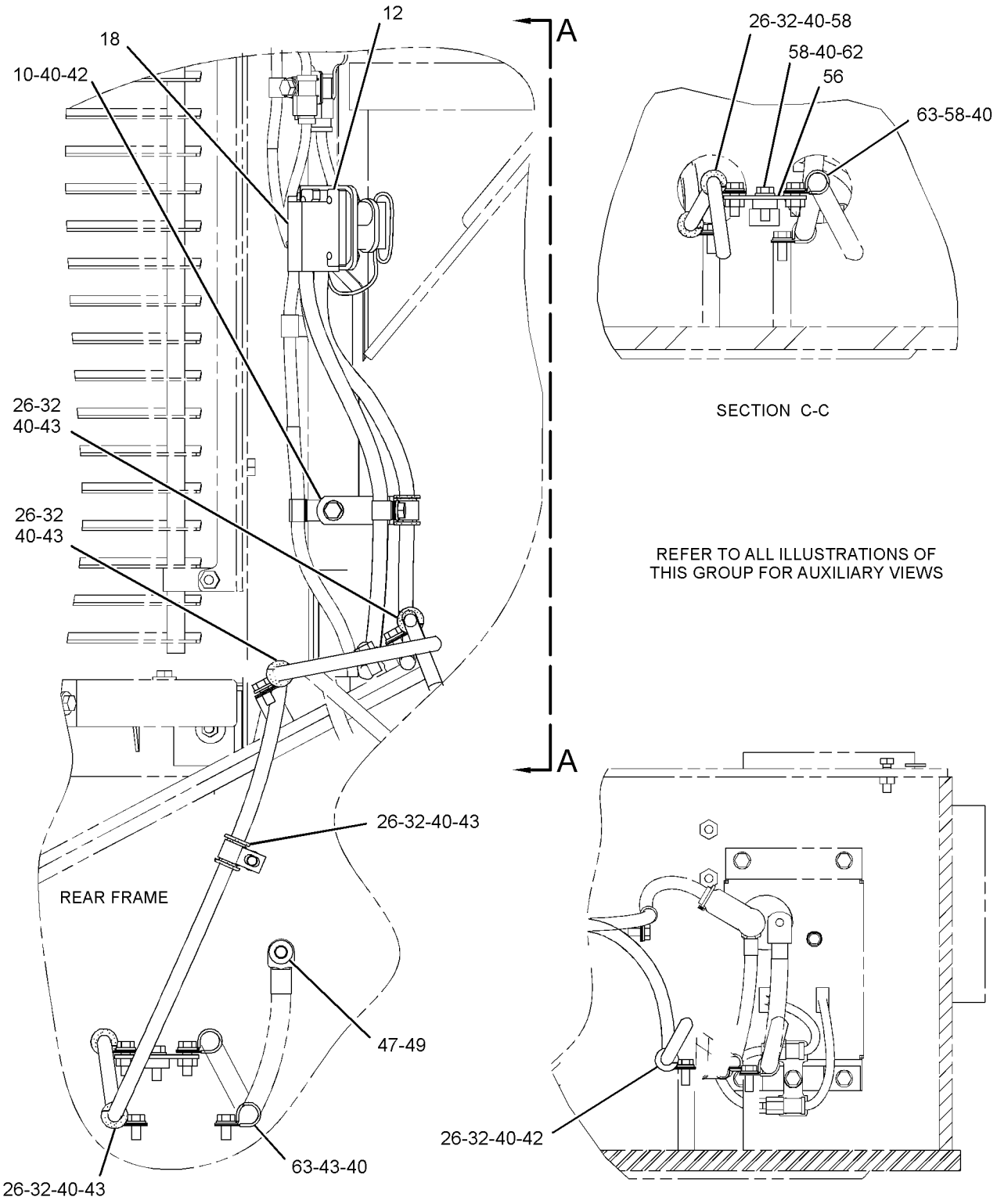
266-9742 **BATTERY & WIRING GP** (contd.) **i07183932**



GRAPHIC #1

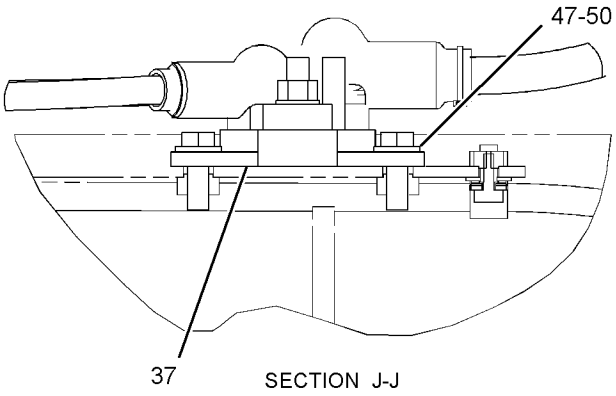
g03741801

266-9742 **BATTERY & WIRING GP (**contd.**)** **i07183932**

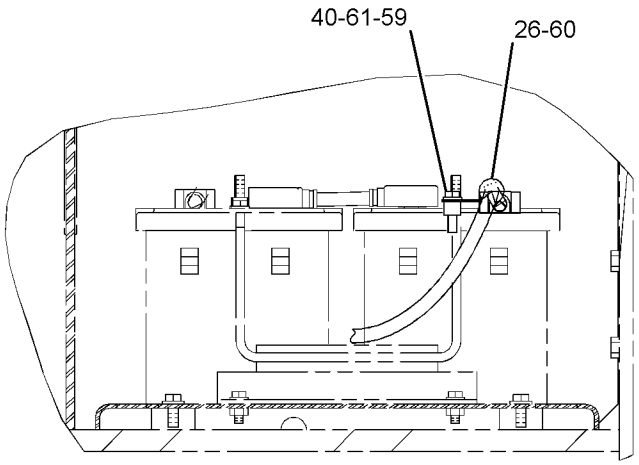


GRAPHIC #2 g03166317

266-9742 **BATTERY & WIRING GP (**contd.**)** **i07183932**

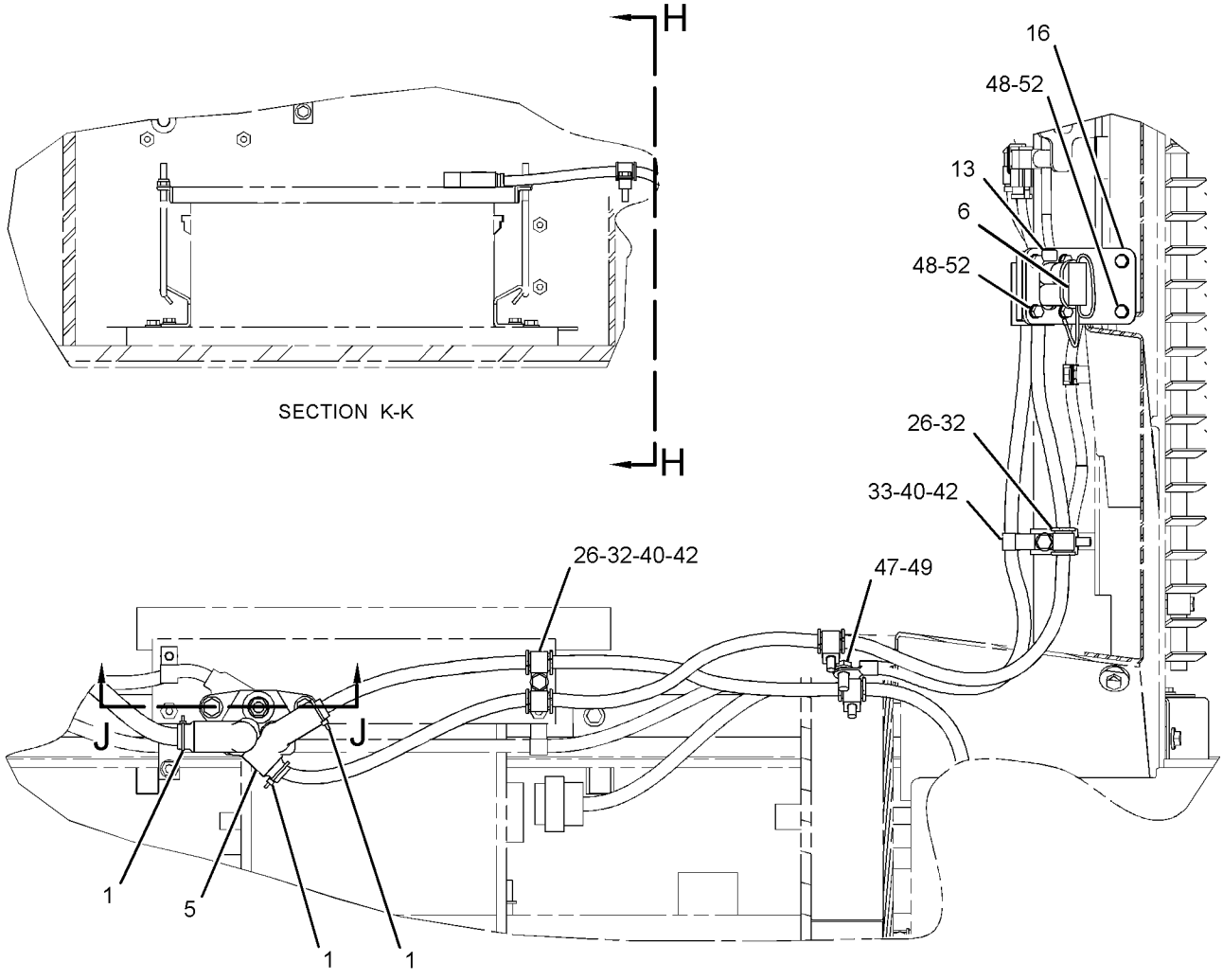


SECTION J-J



SECTION H-H

SECTION K-K



SECTION A-A

GRAPHIC #3 <END> g03741798

322-3305 BLOCK GP-JUNCTION–BATTERY

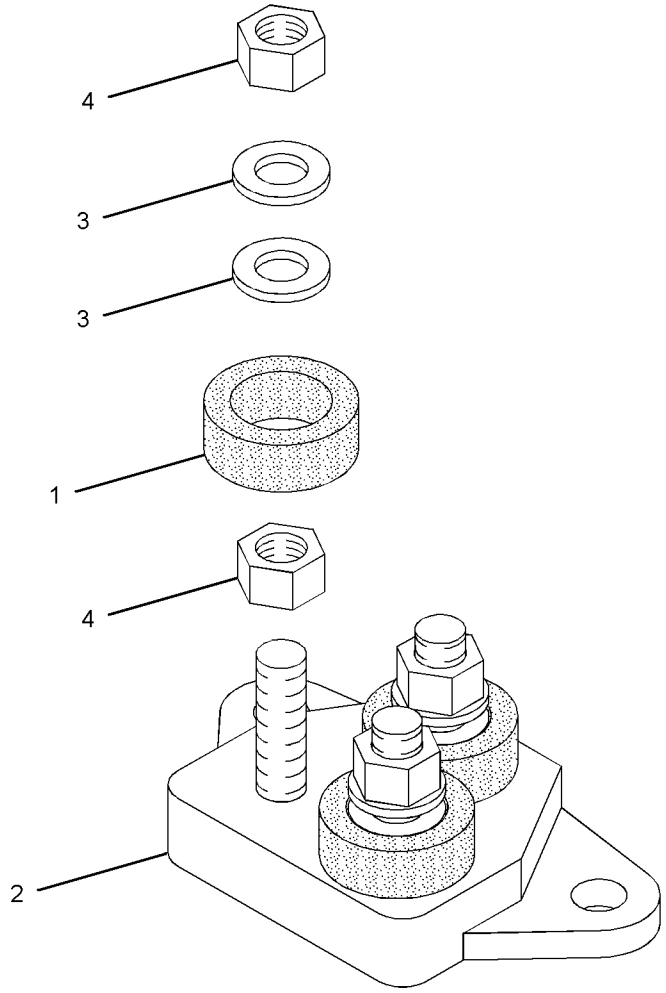
S/N: BTW238-UP

PART OF 266-9742 BATTERY & WIRING GP

SMCS-1408, 7426

i07053264

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**5G-6505**	3	WASHER (25X38X14-MM THK)	
	2	1	**8C-6358**	1	BLOCK AS-JUNCTION (BATTERY)	
	3	1	**7F-0560**	6	WASHER (0.516X0.938X0.101-IN THK)	
	4	1	**8T-3518**	6	NUT-FULL (1/2-13-THD)	



GRAPHIC #1

<END>

g06211576

267-8836 CAMERA AR–REAR

S/N: BTW1-UP

PART OF 230-3276 ELECTRICAL AR, 353-4264 OPTION AR-MACHINE, 353-4324 OPTION AR-ROADING

SMCS-7348 **i02424283**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*252-9529*	1	MOUNTING GP-CAMERA (WORK AREA VISUAL SYSTEM)	474
Y	*267-8837*	1	WIRING GP-CAMERA	572

Y - SEPARATE ILLUSTRATION

<END>

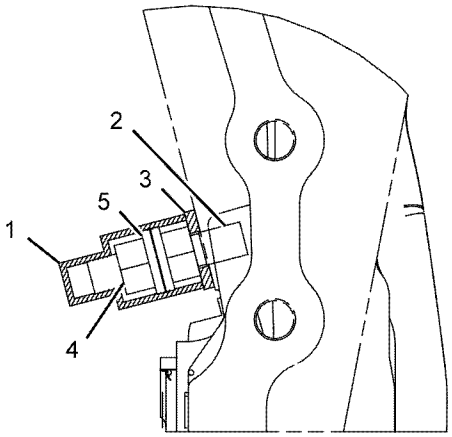
230-5422 CONNECTION GP-ELECTRICAL

S/N: EHX1-2415

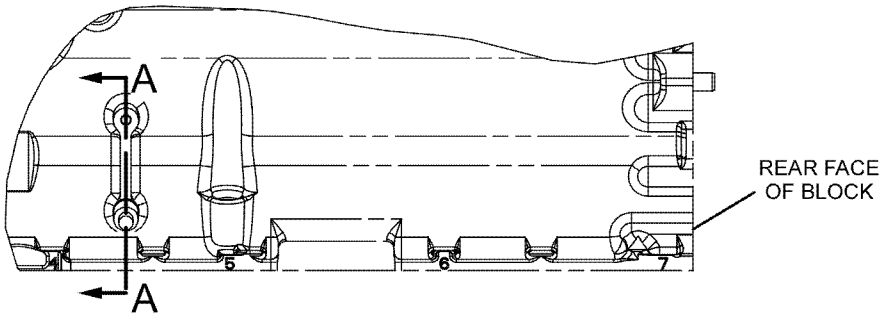
PART OF 217-5670 ENGINE AR-COMPLETE

SMCS-1408 **i02041139**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**101-6603**	1	CAP (STUD PROTECTOR)	
	2	1	**100-5725**	1	STUD (3/8-16X1.25-IN)	
	3	1	**5P-1075**	1	WASHER-HARD (10.2X22.5X3-MM THK)	
	4	1	**6V-8801**	1	NUT (3/8-16-THD)	
	5	1	**8T-4896**	2	WASHER-HARD (10.2X18.5X2.5-MM THK)	



SECTION A-A



LEFT SIDE VIEW

GRAPHIC #1 <END> g01051167

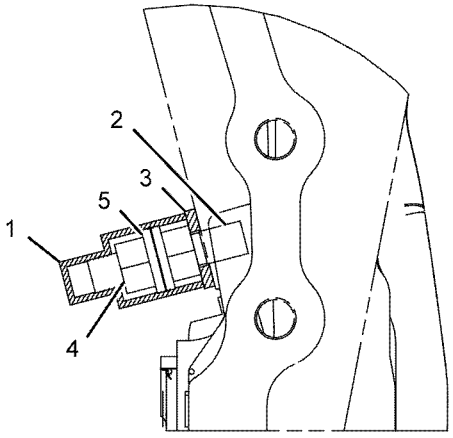
251-7428 CONNECTION GP-ELECTRICAL

S/N: EHX1-UP

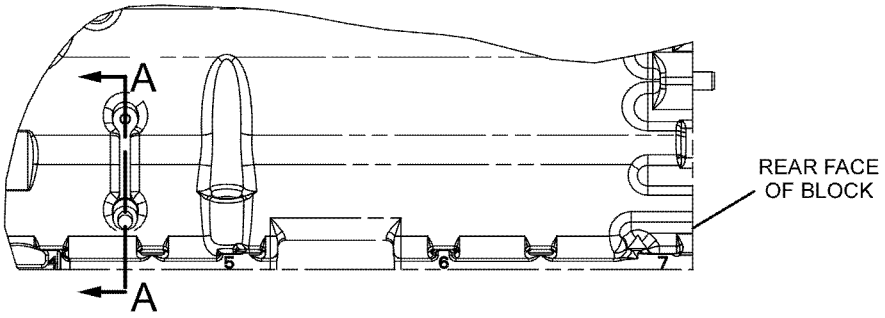
PART OF 217-5670, 271-8633, 360-3755 ENGINE AR-COMPLETE

SMCS-1408 **i05820000**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**101-6603**	2	CAP (STUD PROTECTOR)	
	2	1	**100-5725**	2	STUD (3/8-16X1.25-IN)	
	3	1	**5P-1075**	2	WASHER-HARD (10.2X22.5X3-MM THK)	
	4	1	**6V-8801**	2	NUT (3/8-16-THD)	
	5	1	**8T-4896**	4	WASHER-HARD (10.2X18.5X2.5-MM THK)	



SECTION A-A



LEFT SIDE VIEW

GRAPHIC #1 <END> g01051167

241-0072 CONTROL & MTG GP-ENGINE ELEK

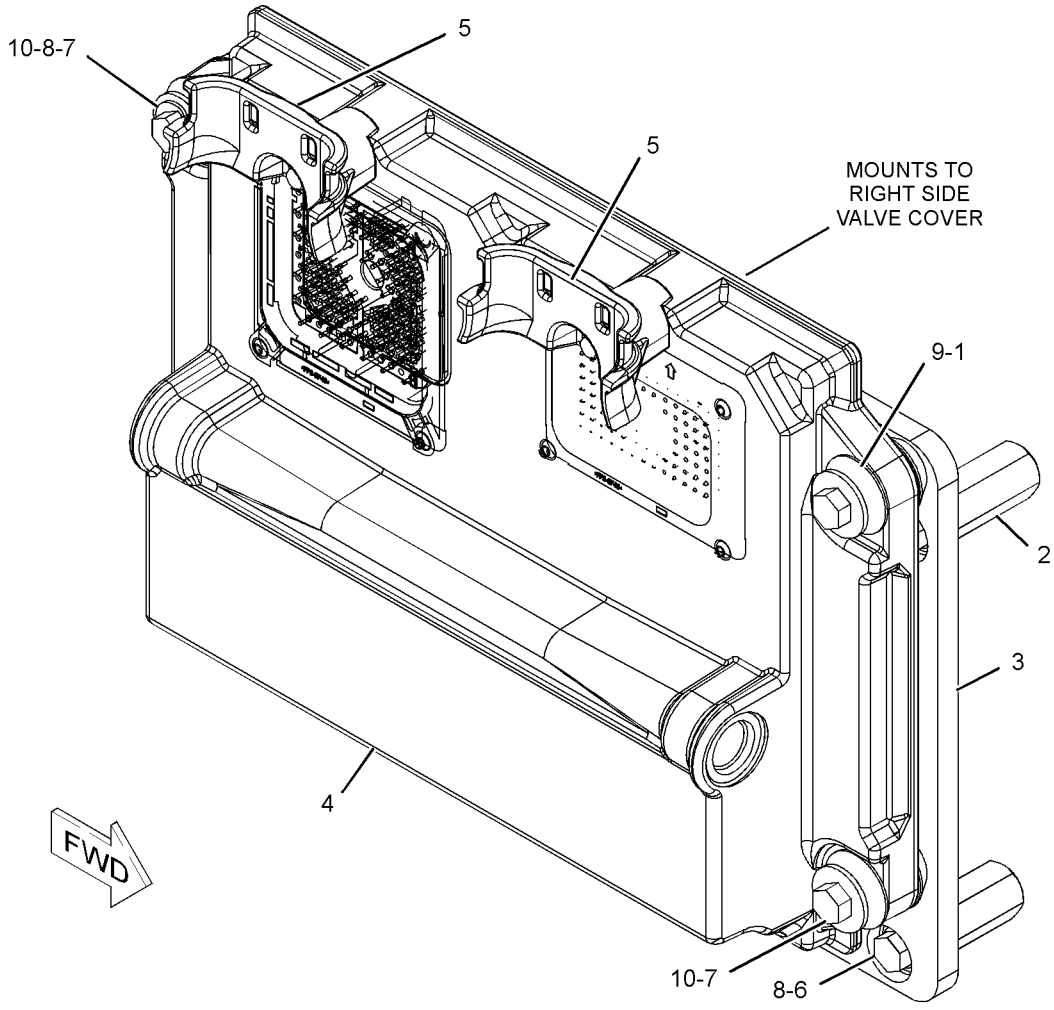
S/N: EHX1-UP

PART OF 217-5670, 271-8633, 360-3755 ENGINE AR-COMPLETE

SMCS-1901, 7620 **i03683548**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6I-1418**	4	SPACER (8.2X12.7X28.7-MM THK)	
	2	1	**221-2616**	4	SPACER (5/16-18X1.75-IN)	
	3	1	**225-6309**	1	BRACKET	
Y	4	1	**239-7904**	1	CONTROL GP-ENGINE ELECTRONIC	369
	5	1	**233-0891**	2	BRACKET AS	
					(EACH INCLUDES)	
M		1	**232-1693**	1	BOLT-FLANGE HEAD (M6X1X35-MM)	
	6	1	**4M-6425**	4	BOLT (5/16-18X1-IN)	
	7	1	**7X-0440**	4	BOLT (5/16-18X1.75-IN)	
	8	1	**8T-4224**	5	WASHER-HARD (8.8X16X2-MM THK)	
	9	1	**8T-9655**	8	MOUNT-ISOLATION	
	10	1	**9N-0869**	4	WASHER-HARD (8.8X25.5X2-MM THK)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION



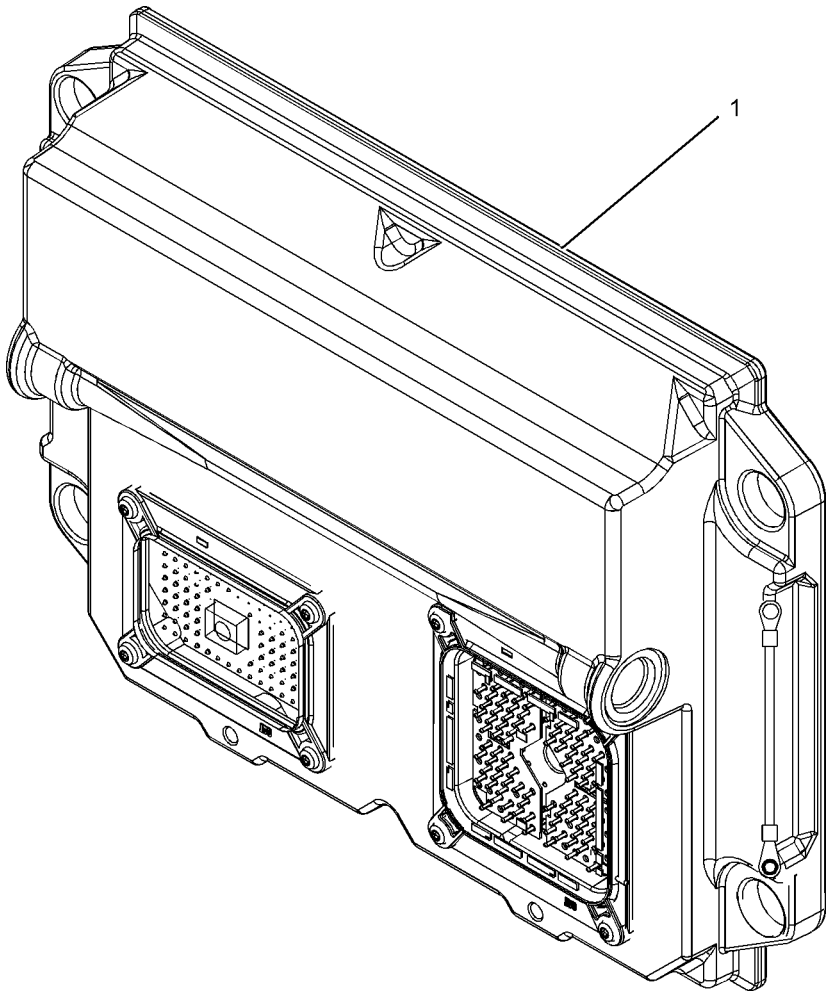
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239-7904 CONTROL GP-ENGINE ELECTRONIC

S/N: EHX1-UP
A4E4V2 FULL FEATURE FLUID COOLED ECM
PART OF 241-0072 CONTROL & MTG GP-ENGINE ELEK
TYPE 1

SMCS-1901 **i02158720**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**255-5283**	1	CONTROL GP-ENGINE ELECTRONIC	



GRAPHIC #1 <END> g01096282

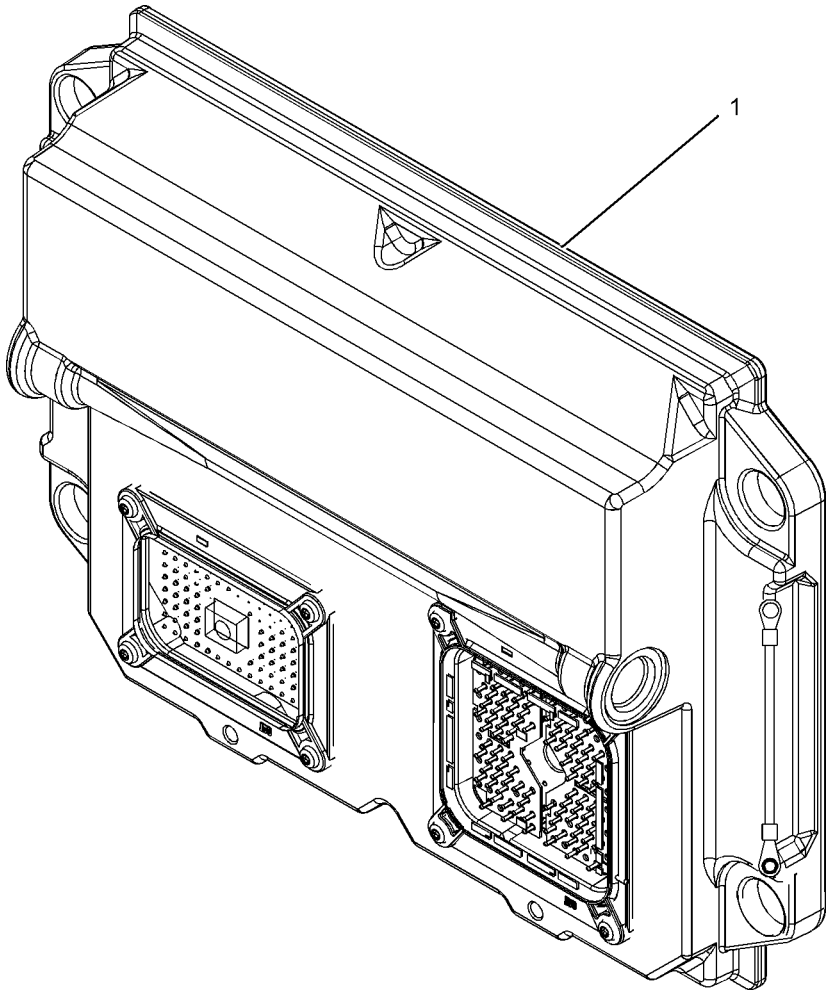
239-7904 CONTROL GP-ENGINE ELECTRONIC

S/N: EHX1-UP
A4E4V2 FULL FEATURE FLUID COOLED ECM
PART OF 241-0072 CONTROL & MTG GP-ENGINE ELEK
TYPE 2

SMCS-1901 **i02291761**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
CR	1	1	**262-2877**	1	CONTROL GP-ENGINE ELECTRONIC	

C - CHANGE FROM PREVIOUS TYPE
R - REMANUFACTURED PART MAY BE AVAILABLE



GRAPHIC #1 <END> g01096282

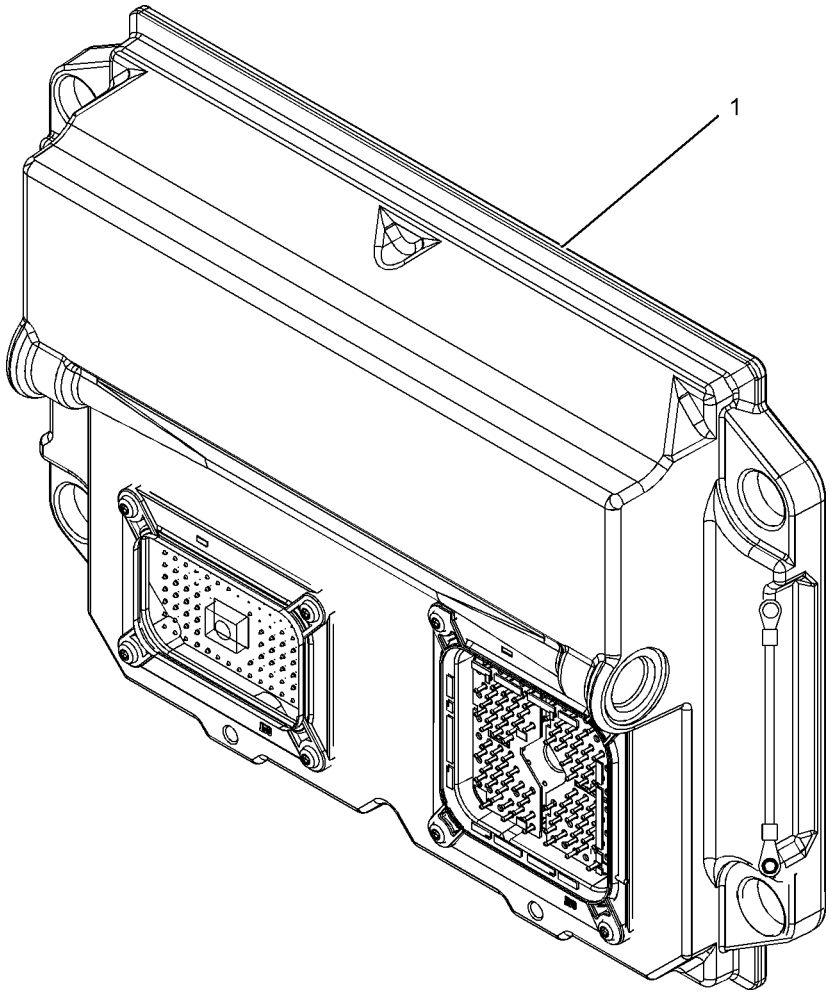
239-7904 CONTROL GP-ENGINE ELECTRONIC

S/N: EHX1-UP
A4E4V2 FULL FEATURE FLUID COOLED ECM
PART OF 241-0072 CONTROL & MTG GP-ENGINE ELEK
TYPE 3

SMCS-1901 **i02388836**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
CR	1	1	**274-1957**	1	CONTROL GP-ENGINE ELECTRONIC	

C - CHANGE FROM PREVIOUS TYPE
R - REMANUFACTURED PART MAY BE AVAILABLE



GRAPHIC #1 <END> g01096282

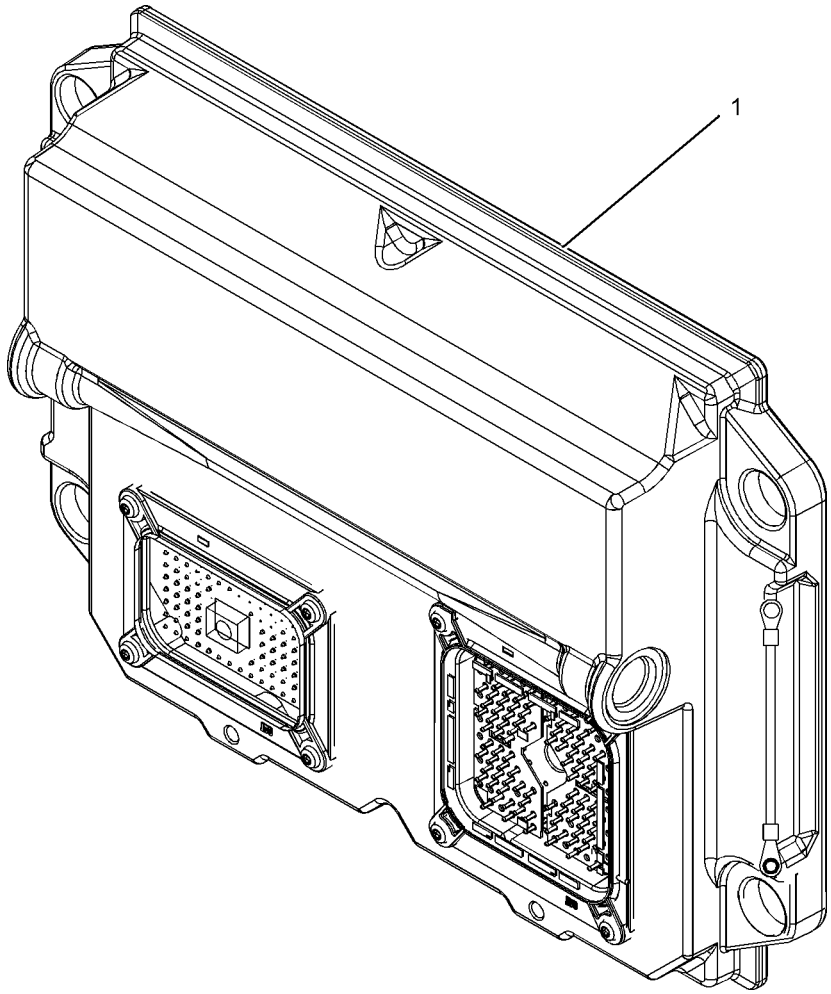
239-7904 CONTROL GP-ENGINE ELECTRONIC

S/N: EHX1-UP
A4E4V2 FULL FEATURE FLUID COOLED ECM
PART OF 241-0072 CONTROL & MTG GP-ENGINE ELEK
TYPE 4

SMCS-1901 **i06744561**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
R	1	1	**478-7928**	1	CONTROL GP-ELECTRONIC	

R - REMANUFACTURED PART MAY BE AVAILABLE



GRAPHIC #1 <END> g01096282

172-9389 CONTROL GP-UNPROGRAMMED–POWER TRAIN*R

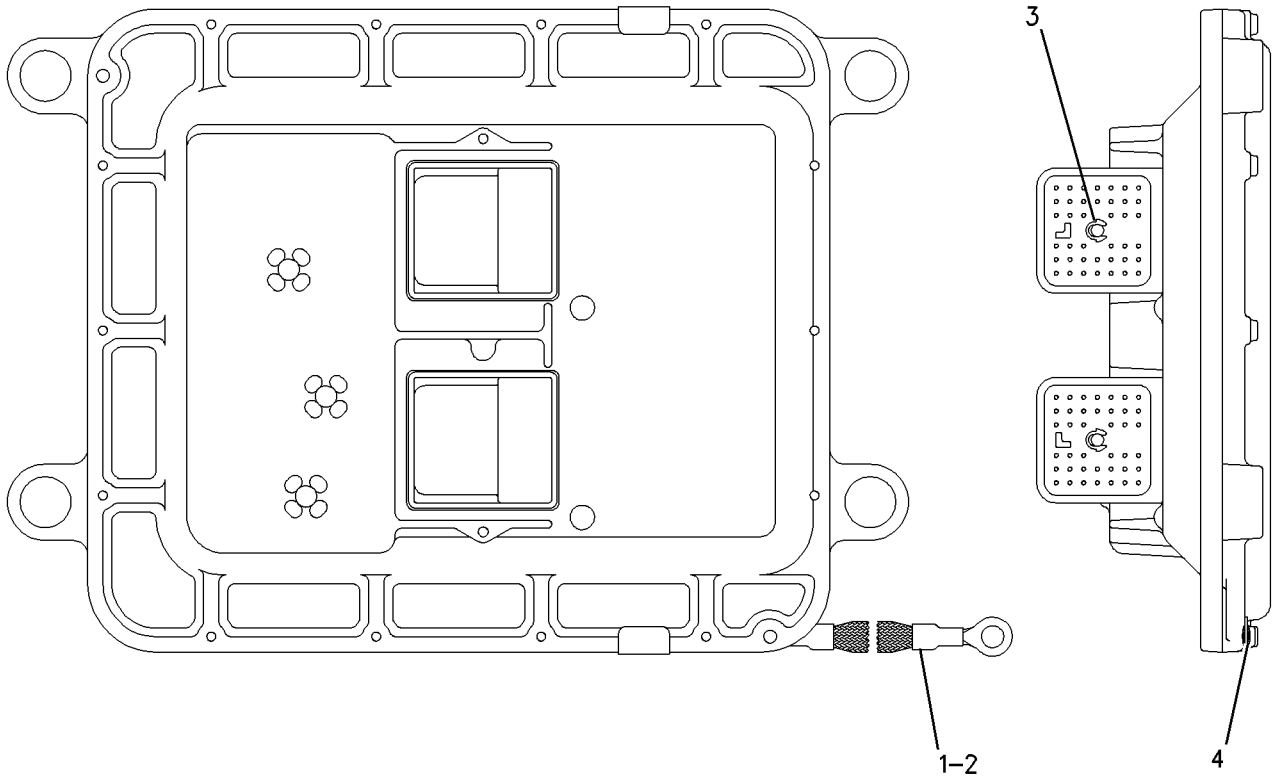
S/N: BTW1-UP

PART OF 267-3063, 286-3211 WIRING GP-ELECTRONICS BAY

SMCS-7610 **i03901131**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7X-6315**	1	STRAP AS-GROUND	
		1	**2L-8078**	1	TERMINAL-RING (14-GA TO 16-GA, 5/16-IN SCREW)	
		1	**2L-8075**	1	TERMINAL-RING (14-GA TO 16-GA, NO. 8 SCREW)	
	2	1	**101-0852**	1	SCREW-PAN HEAD (8-32X0.375-IN)	
M	3	1	**6V-6703**	2	KIT-RETAINING BOLT (UNPROGRAMMED CONTROL)	
					(EACH INCLUDES BOLT, RING, & SEALS)	
	4	1	**134-4126**	1	WASHER (4.52X8.28X0.76-MM THK)	

M - METRIC PART



GRAPHIC #1 <END> g00951290

239-9954 CONTROL GP-UNPROGRAMMED–PRODUCT LINK 300

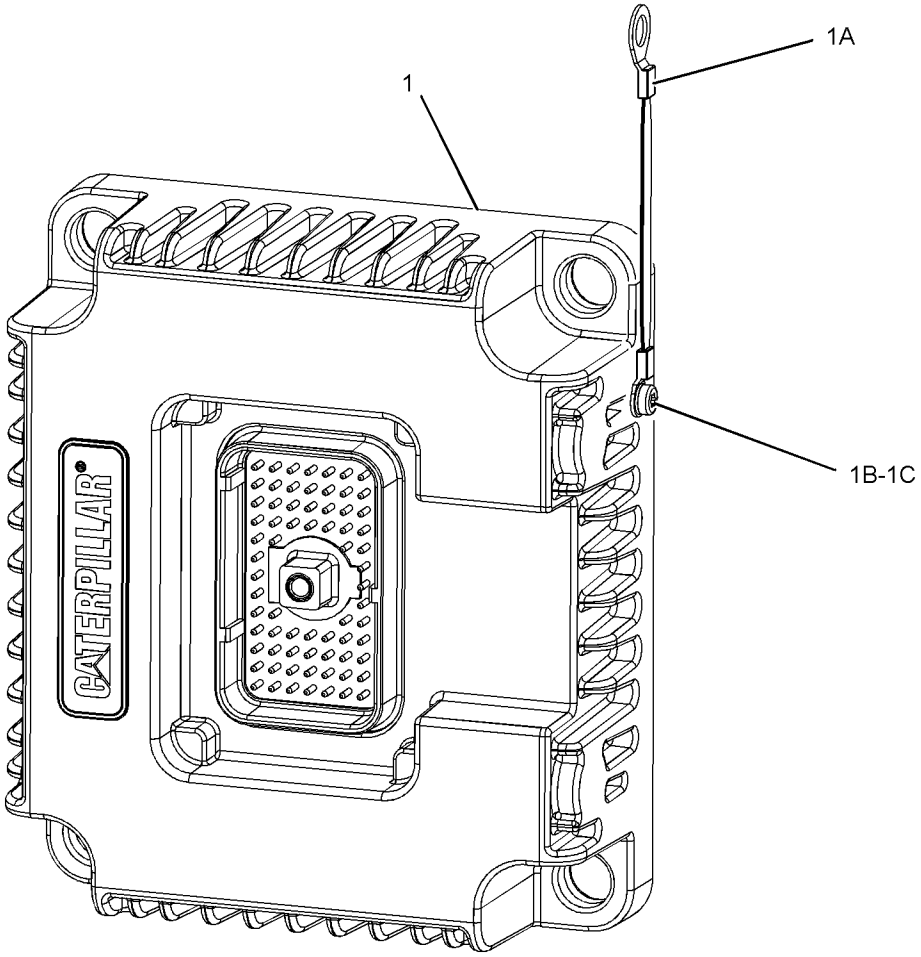
S/N: BTW1-UP

8-VOLT

PART OF 268-3889 INSTALLATION GP-COMMUNICATION

SMCS-7610 **i03121725**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**285-1133**	1	CONTROL GP-UNPROGRAMMED (PRODUCT LINK 300)	
	1A	1	**7X-6315**	1	STRAP AS-GROUND	
	1B	1	**126-7574**	1	SCREW-PAN HEAD (8-32X9.52-MM)	
	1C	1	**134-4126**	1	WASHER (4.52X8.28X0.76-MM THK)	



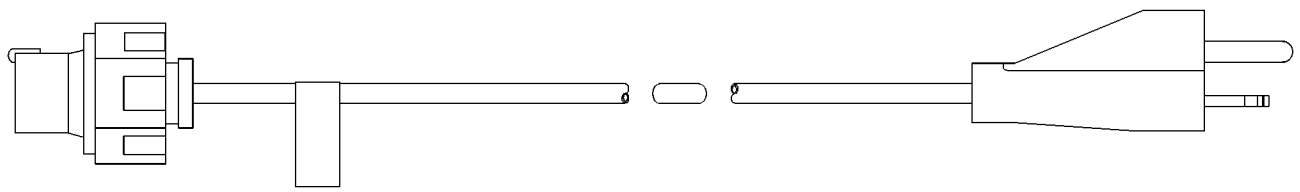
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4N-8227 CORD AS-HEATER ELEMENT

S/N: BTW1-UP
240-VOLT, 15-AMPERE
FOR USE WITH JACKET WATER HEATER
PART OF 361-5696 HEATER GP-JACKET WATER

SMCS-1408 **i03910771**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
			(NO SERVICED PARTS)			



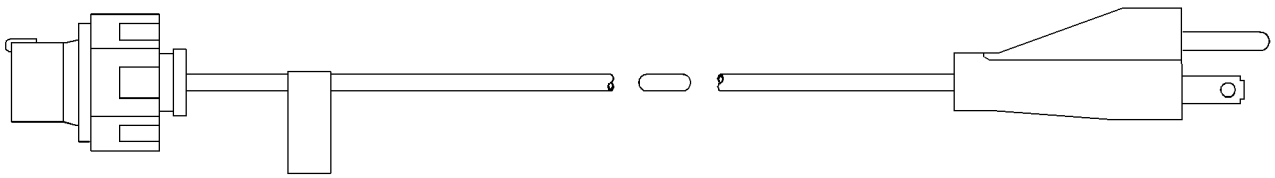
GRAPHIC #1 <END> g02149847

9N-5253 CORD AS-HEATER ELEMENT

S/N: BTW226-UP
120-VOLT, 15-AMPERE
FOR USE WITH JACKET WATER HEATER
PART OF 361-5695 HEATER GP-JACKET WATER

SMCS-1408 **i05799993**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
					(NO SERVICED PARTS)	



GRAPHIC #1 <END> g02149838

230-3276 ELECTRICAL AR

S/N: BTW1-UP

PART OF 230-3272 COMMON AR

SMCS-1408, 1429, 7402, 7406 **i05333331**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*266-9742*	1	BATTERY & WIRING GP	342
Y	*267-8836*	1	CAMERA AR (REAR)	365
Y	*234-7876*	1	ELECTRONICS GP-MONITOR (CATERPILLAR MONITORING SYSTEM)	377
Y	*234-7865*	1	ELECTRONICS GP-POWER TRAIN	378
Y	*271-1448*	1	FASTENER GP-ELECTRONICS	381
Y	*234-7875*	1	LIGHTING AR-STOP & FLOOD	428
Y	*234-7885*	1	WARNING GP-BACKUP	542
Y	*267-3063*	1	WIRING GP-ELECTRONICS BAY	575
Y	*234-7879*	1	WIRING GP-ENGINE	593
Y	*266-9747*	1	WIRING GP-ENGINE (ALTERNATOR, STARTING MOTOR)	610
Y	*234-7866*	1	WIRING GP-FRONT	618
Y	*234-7878*	1	WIRING GP-MACHINE	628
Y	*234-7884*	1	WIRING GP-REAR	649
Y	*268-4017*	1	WIRING GP-SHUTOFF	655

Y - SEPARATE ILLUSTRATION

<END>

262-1421 ELECTRONICS GP-COMMUNICATION—PRODUCT LINK 300

S/N: BTW173-UP

PART OF 268-3889 INSTALLATION GP-COMMUNICATION

SMCS-7606, 7610, 7620 **i06862269**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	285-1133	1	CONTROL GP-UNPROGRAMMED (PRODUCT LINK 300)	
	7X-6315	1	STRAP AS-GROUND	
	101-0852	1	SCREW-PAN HEAD (8-32X0.375-IN)	
	134-4126	1	WASHER (4.52X8.28X0.76-MM THK)	
	476-1913	1	SOFTWARE GP-COMMUNICATION	

<END>

234-7876 ELECTRONICS GP-MONITOR

S/N: BTW1-UP

PART OF 230-3276 ELECTRICAL AR

SMCS-7490, 7494, 7601, 7603, 7610, 7620 **i04677710**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	382-7936	1	SOFTWARE GP-MONITOR	

<END>

234-7865 ELECTRONICS GP-POWER TRAIN

S/N: BTW1-UP

PART OF 230-3276 ELECTRICAL AR

SMCS-4800, 4808, 7610, 7620 **i05649571**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	452-6092	1	SOFTWARE GP-POWER TRAIN	

<END>

269-9215 ENCLOSURE GP-ELECTRONICS BAY

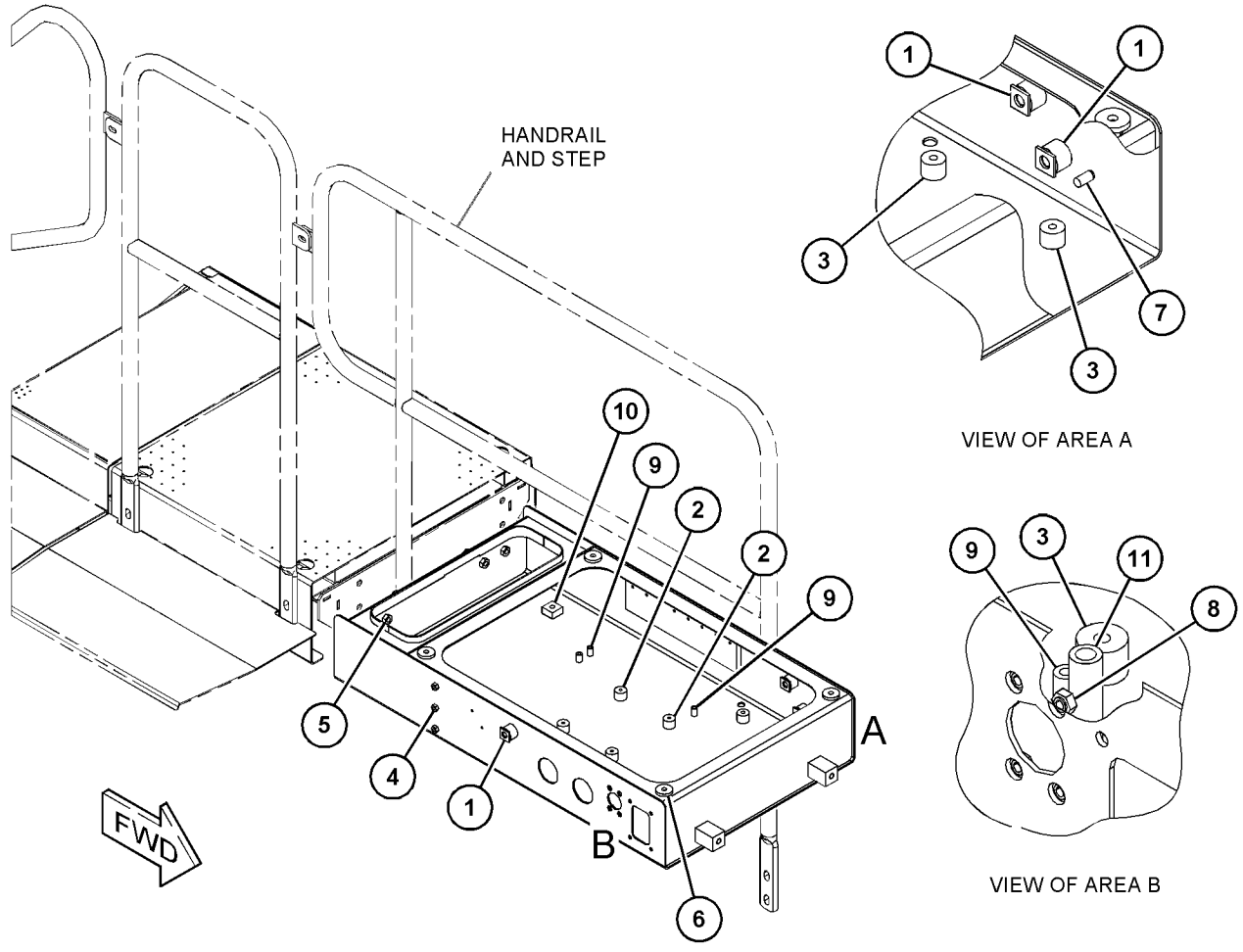
S/N: BTW1-UP

PART OF 286-3213 ENCLOSURE GP-ELECTRONICS BAY

SMCS-1408, 7278 **i05836180**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**8X-4711**	3	BOSS AS (M12X1.75X20-MM)	
					(EACH INCLUDES)	
M		1	**8X-4712**	1	BOSS (M12X1.75X20-MM)	
M	2	1	**4E-8266**	4	BOSS (M6X1X19-MM)	
M	3	1	**5C-9855**	4	BOSS (M8X1.25X19-MM)	
M	4	1	**6V-9632**	3	NUT-WELD (M6X1-THD)	
M	5	1	**8T-3490**	10	NUT-WELD (M10X1.5-THD)	
	6	1	**8T-4897**	4	WASHER (10.2X35X6-MM THK)	
M	7	1	**8T-4967**	1	STUD-WELD (M10X1.5X23-MM)	
M	8	1	**8T-8874**	4	NUT-WELD (M5X0.8-THD)	
M	9	1	**8X-4245**	6	BOSS (M6X1X18-MM)	
M	10	1	**8X-5147**	1	BLOCK (M10X1.5-MM)	
M	11	1	**9R-9282**	1	BOSS (M10X1.5-THD)	

M - METRIC PART



GRAPHIC #1 <END> g03709935

286-3213 ENCLOSURE GP-ELECTRONICS BAY

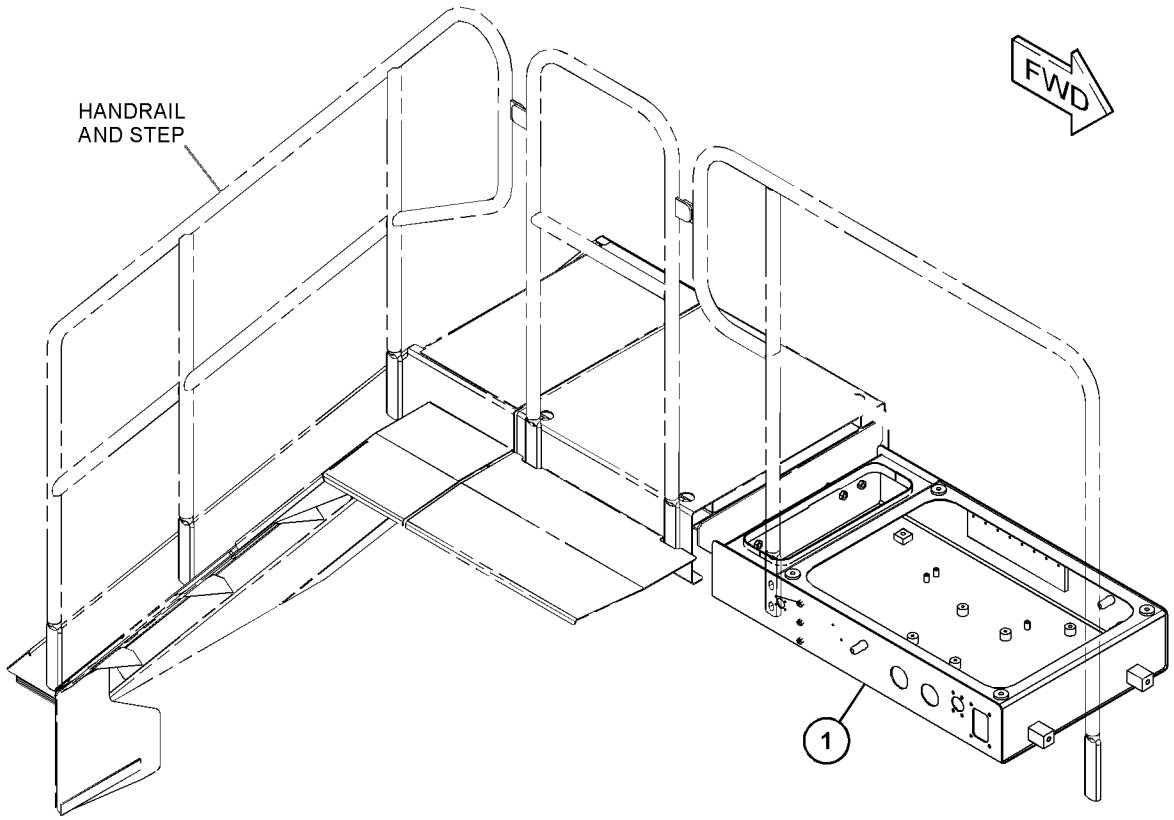
S/N: BTW1-UP

PART OF 286-3211 WIRING GP-ELECTRONICS BAY

SMCS-1408, 7278 **i05836011**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**269-9215**	1	ENCLOSURE GP-ELECTRONICS BAY	379

Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g03709862

271-1448 FASTENER GP-ELECTRONICS

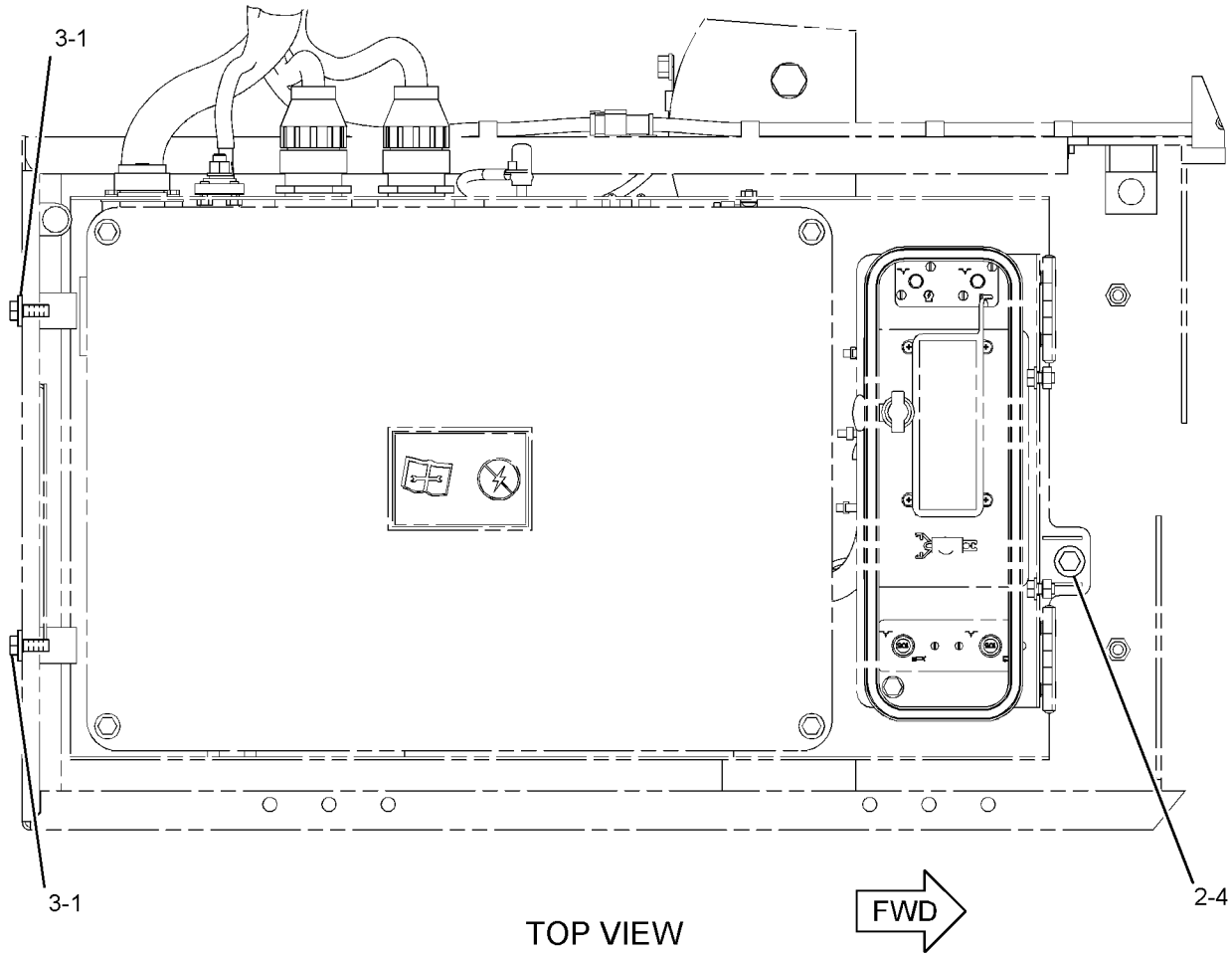
S/N: BTW1-UP

PART OF 230-3276 ELECTRICAL AR

SMCS-7553 **i02661647**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**5P-1076**	2	WASHER-HARD (13.5X30X4-MM THK)	
	2	1	**7X-7729**	1	WASHER (11X25X3-MM THK)	
M	3	1	**8T-4139**	2	BOLT (M12X1.75X30-MM)	
M	4	1	**8T-4195**	1	BOLT (M10X1.5X30-MM)	

M - METRIC PART



GRAPHIC #1 <END> g01392530

268-4005 HARNESS AS-CHASSIS

S/N: BTW1-UP

PART OF 268-4017 WIRING GP-SHUTOFF

SMCS-1408 **i05372896**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
	155-2260	2	KIT-CONNECTING PLUG (3-PIN)	
	155-2271	3	KIT-CONNECTING PLUG (4-PIN)	
			(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
	8T-8737	15	PLUG-SEAL	
	102-8804	2	KIT-RECEPTACLE (4-PIN)	
			(EACH INCLUDES RECEPTACLE AS & WEDGE)	
E	**114-8843**		SLEEVE-PLASTIC (100-CM)	
	8T-8730	22	SOCKET-CONNECTOR (16-GA TO 18-GA)	
	9W-0844	1	SOCKET-CONNECTOR (14-GA TO 16-GA)	
E	**125-7875**		TUBE-HEAT SHRINK (7.44-MM DIA) (15-CM)	

E - ORDER BY THE CENTIMETER

<END>

219-5018 HARNESS AS-CONTROL

S/N: BTW218-UP

PART OF 219-5010 WIRING GP-LUBRICATION

SMCS-1408 **i04849541**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
			(KIT INCLUDES PLUG AS, WEDGES, INTERFACE SEAL)	
	102-8803	1	KIT-RECEPTACLE (3-PIN)	
			(KIT INCLUDES RECEPTACLE AS & WEDGE)	
	8T-8737	1	PLUG-SEAL	
	9G-2731	2	HOLDER AS-FUSE	
E	**114-8843**		SLEEVE-PLASTIC (60-CM)	
	2L-8081	1	TERMINAL-RING (14-GA TO 16-GA, 1/2-IN SCREW)	
	8T-8729	3	PIN-CONNECTOR (16-GA TO 18-GA)	
	8T-8730	2	SOCKET-CONNECTOR (16-GA TO 18-GA)	

E - ORDER BY THE CENTIMETER

<END>

435-8538 HARNESS AS-ENGINE

S/N: EHX2920-UP

PART OF 226-4927 BASE GP-VALVE COVER & INJ HARN

SMCS-1408 **i05823310**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	102-8801	1	KIT-RECEPTACLE (12-PIN)	
			(INCLUDES RECEPTACLE AS & WEDGE)	
	103-8134	1	KIT-RECEPTACLE (12-PIN)	
			(INCLUDES RECEPTACLE AS & WEDGE)	
	8T-8737	3	PLUG-SEAL	
	9X-3401	9	PIN-CONNECTOR (16-GA TO 18-GA)	
			—OR—	
	126-1767	9	PIN-CONNECTOR (14-GA TO 16-GA)	

<END>

286-3214 HARNESS AS-PANEL

S/N: BTW1-UP

PART OF 286-3211 WIRING GP-ELECTRONICS BAY

SMCS-1408 **i05785823**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	8T-8729	2	PIN-CONNECTOR (16-GA TO 18-GA)	
	8T-8737	1	PLUG-SEAL	
	140-7684	1	RECEPTACLE AS-CONNECTOR (3-PIN)	
E	**114-8843**		SLEEVE-PLASTIC (30-CM)	
	8T-8730	2	SOCKET-CONNECTOR (16-GA TO 18-GA)	
	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)	

E - ORDER BY THE CENTIMETER

<END>

331-5017 HARNESS AS-PANEL

S/N: BTW1-UP

PART OF 267-3063, 286-3211 WIRING GP-ELECTRONICS BAY

SMCS-1408 **i05785728**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	188-6253	1	BLOCK GP-JUNCTION	
	1H-3244	2	LOCKWASHER	
	6V-8185	2	NUT (1/4-20-THD)	
	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)	
	151-1398	4	KIT-TERMINAL (LOCK)	
	199-6592	1	BLOCK AS-FUSE (32-POLE)	
	1H-3244	2	LOCKWASHER	
	6V-8185	2	NUT (1/4-20-THD)	
	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)	
	188-6254	1	COVER	
	200-8789	1	SEAL	
	115-3083	1	BRACKET-BLOCK CONNECTOR	
	115-3082	2	JUNCTION BLOCK	
	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
	155-2270	5	KIT-CONNECTING PLUG (2-PIN)	
			(EACH KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
	102-8802	1	KIT-RECEPTACLE (2-PIN)	
	102-8801	1	KIT-RECEPTACLE (12-PIN)	
			(EACH KIT INCLUDES RECEPTACLE AS & WEDGE)	
	8N-1540	4	PIN-CONNECTOR (12-GA TO 14-GA)	
	8N-1542	1	PIN-CONNECTOR (10-GA)	
	8N-1544	2	PIN-CONNECTOR (8-GA)	
	8T-8729	53	PIN-CONNECTOR (16-GA TO 18-GA)	
	9W-0852	18	PIN-CONNECTOR (14-GA TO 16-GA)	
	9X-6856	5	PIN-CONNECTOR (16-GA TO 18-GA)	
	3E-5519	2	PLUG AS-CONNECTOR (5-PIN)	
	110-6846	1	PLUG AS-CONNECTOR (40-PIN)	
	110-6844	1	SEAL	
	9X-1054	4	PLUG AS-CONNECTOR (4-PIN)	
	110-6848	1	PLUG AS-CONNECTOR (40-PIN)	
	110-6844	1	SEAL	
	7G-7917	28	PLUG-SEAL	
	7G-7920	2	PLUG-SEAL	
	8T-8737	45	PLUG-SEAL	
	3T-3410	1	RECEPTACLE AS-CONNECTOR (37-PIN)	
	8N-1522	1	NUT (2-1/4-16-THD)	
	8N-1517	1	RECEPTACLE AS-CONNECTOR (25-PIN)	
	8N-1522	1	NUT (2-1/4-16-THD)	
	214-4208	1	RECEPTACLE AS-CONNECTOR (70-PIN)	
	8N-1541	1	SOCKET-CONNECTOR (12-GA TO 14-GA)	
	8T-8730	103	SOCKET-CONNECTOR (16-GA TO 18-GA)	
	9W-0844	11	SOCKET-CONNECTOR (14-GA TO 16-GA)	
	9X-6857	19	SOCKET-CONNECTOR (16-GA TO 18-GA)	
	9X-6772	15	STRAP-CABLE	
	128-4151	2	TERMINAL AS (10-GA TO 12-GA)	
			(EACH INCLUDES)	
	5P-1477	1	TERMINAL-FORK (10-GA TO 12-GA, NO. 8 SCREW)	

331-5017 **HARNESS AS-PANEL (**contd.**)** **i05785728**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
D	**5P-6006**		TUBE-HEAT SHRINK (9.52-MM DIA) (0.1-M)	
	131-1472	2	TERMINAL AS	
			(EACH INCLUDES)	
	5P-1477	1	TERMINAL-FORK (10-GA TO 12-GA, NO. 8 SCREW)	
E	**125-7875**		TUBE-HEAT SHRINK (7.44-MM DIA) (4-CM)	
	131-1475	3	TERMINAL AS	
			(EACH INCLUDES)	
	5P-1475	1	TERMINAL-FORK (14-GA TO 16-GA, NO. 8 SCREW)	
E	**125-7874**		TUBE-HEAT SHRINK (5.72-MM DIA) (3-CM)	
	131-1478	2	TERMINAL AS	
			(EACH INCLUDES)	
	9G-4343	1	TERMINAL-RING (4-GA, 1/4-IN SCREW)	
E	**125-7876**		TUBE-HEAT SHRINK (17.78-MM DIA) (4-CM)	
	131-1479	2	TERMINAL AS	
			(EACH INCLUDES)	
	5P-3454	1	TERMINAL-RING (4-GA, 5/16-IN SCREW)	
E	**125-7876**		TUBE-HEAT SHRINK (17.78-MM DIA) (4-CM)	
	131-1496	3	TERMINAL AS	
			(EACH INCLUDES)	
	2L-8067	1	TERMINAL-RING (10-GA TO 12-GA, 1/4-IN SCREW)	
E	**125-7875**		TUBE-HEAT SHRINK (7.44-MM DIA) (4-CM)	
	8T-9628	1	TERMINAL AS-BATTERY	
	030-1712	1	TERMINAL-RING (2-GA, 1/4-IN SCREW)	
E	**6V-9023**		TUBE-HEAT SHRINK (12.7-MM DIA) (3-CM)	
	128-4181	2	TERMINAL AS-RING (10-GA TO 12-GA)	
			(EACH INCLUDES)	
	2L-8071	1	TERMINAL-RING (10-GA TO 12-GA, 1/2-IN SCREW)	
D	**5P-6006**		TUBE-HEAT SHRINK (9.52-MM DIA) (0.1-M)	
	128-4188	2	TERMINAL AS-RING (14-GA TO 16-GA)	
			(EACH INCLUDES)	
	2L-8081	1	TERMINAL-RING (14-GA TO 16-GA, 1/2-IN SCREW)	
D	**6V-2689**		TUBE-HEAT SHRINK (6.35-MM DIA) (0.1-M)	
	131-1488	4	TERMINAL AS-RING (6-GA TO 8-GA)	
			(EACH INCLUDES)	
	2L-8050	1	TERMINAL-RING (6-GA, 1/4-IN SCREW)	
			—OR—	
	2L-8058	1	TERMINAL-RING (8-GA, 1/4-IN SCREW)	
E	**119-3662**		TUBE-HEAT SHRINK (10.85-MM DIA) (4-CM)	
	131-1500	1	TERMINAL AS-RING	
	2L-8071	1	TERMINAL-RING (10-GA TO 12-GA, 1/2-IN SCREW)	
E	**125-7875**		TUBE-HEAT SHRINK (7.44-MM DIA) (4-CM)	
	131-1507	2	TERMINAL AS-RING	
			(EACH INCLUDES)	
	2L-8081	1	TERMINAL-RING (14-GA TO 16-GA, 1/2-IN SCREW)	
E	**125-7874**		TUBE-HEAT SHRINK (5.72-MM DIA) (3-CM)	
	9R-9806	1	TERMINAL-BLADE (18-GA TO 20-GA)	
	9W-2032	2	TERMINAL-BLADE (10-GA TO 12-GA)	
	9W-2033	17	TERMINAL-BLADE (14-GA TO 16-GA)	
	9X-1056	15	TERMINAL-RECEPTACLE (14-GA TO 16-GA)	
	100-5041	9	TERMINAL-RECEPTACLE (18-GA TO 20-GA)	
	267-8338	1	TERMINAL-RING	
E	**125-7874**		TUBE-HEAT SHRINK (5.72-MM DIA) (3-CM)	

331-5017 **HARNESS AS-PANEL (**contd.**)** **i05785728**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
E	**125-7876**		TUBE-HEAT SHRINK (17.78-MM DIA) (5-CM)	
	155-2258	1	WEDGE-PLUG LOCK (12-PIN)	

D - ORDER BY THE METER
E - ORDER BY THE CENTIMETER

<END>

200-5728 HARNESS AS-RADIO

S/N: BTW1-UP
4-FLANGE
PART OF 248-4152, 288-1744 RADIO GP

SMCS-1408 **i05346149**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	172-8037	1	CONNECTOR (RADIO)	
	160-3518	1	KIT-RECEPTACLE (8-PIN)	
			(INCLUDES RECEPTACLE AS & WEDGE)	
	8T-8729	7	PIN-CONNECTOR (16-GA TO 18-GA)	
	8T-8737	1	PLUG-SEAL	
	172-8039	11	TERMINAL (RADIO)	
			<END>	

249-5293 HARNESS AS-SENSOR

S/N: EHX1-UP
FIELD REPLACEMENT FOR 194-6724—PAGE: 485

SMCS-1408 **i04925914**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
			(INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
	230-4013	1	PLUG AS-CONNECTOR (3-PIN)	
	264-7030	1	SEAL-CONNECTOR	
E	**9X-1813**		SLEEVE (45-CM)	
	194-5226	6	WIRE AS (16-GA)	
			—OR—	
	194-5227	6	WIRE AS (14-GA)	
E - ORDER BY THE CENTIMETER				
			<END>	

296-7520 HARNESS AS-SENSOR

S/N: EHX1-UP

PART OF 267-4523 WIRING GP-ENGINE ELECTRONIC

SMCS-1408 **i05150111**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	211-6807	1	COVER-CONNECTOR	
	155-2255	2	KIT-CONNECTING PLUG (12-PIN)	
	155-2265	1	KIT-CONNECTING PLUG (8-PIN)	
	155-2270	5	KIT-CONNECTING PLUG (2-PIN)	
			(EACH PLUG KIT INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
	102-8802	1	KIT-RECEPTACLE (2-PIN)	
	102-8803	3	KIT-RECEPTACLE (3-PIN)	
			(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)	
	9X-3401	11	PIN-CONNECTOR (16-GA TO 18-GA)	
			—OR—	
	126-1767	11	PIN-CONNECTOR (14-GA TO 16-GA)	
	264-5732	1	PLUG AS-CONNECTOR (120-PIN)	
	288-7324	1	SEAL-CONNECTOR	
	8T-8737	80	PLUG-SEAL	
E	**119-3662**		TUBE-HEAT SHRINK (10.85-MM DIA) (7-CM)	
E	**125-7875**		TUBE-HEAT SHRINK (7.44-MM DIA) (15-CM)	
	194-5226	82	WIRE AS (16-GA)	
			—OR—	
	194-5227	82	WIRE AS (14-GA)	

E - ORDER BY THE CENTIMETER

<END>

433-5754 HARNESS AS-WIRING—SEAT SUSPENSION

S/N: BTW1-UP

PART OF 191-2933 SUSPENSION GP-SEAT

SMCS-1408 **i05858237**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	9X-3401	2	PIN-CONNECTOR (16-GA TO 18-GA)	
			—OR—	
	126-1767	2	PIN-CONNECTOR (14-GA TO 16-GA)	
	102-8802	1	KIT-RECEPTACLE (2-PIN)	
			(INCLUDES RECEPTACLE AS & WEDGE)	
B	**1P-0810**		TAPE-ELECTRICAL	
B	**329-3734**		TAPE-ELECTRICAL	
	5P-4571	2	TERMINAL-BLADE (14-GA TO 16-GA)	
	097-7234	2	TERMINAL-BLADE (18-GA TO 22-GA)	

B - USE AS REQUIRED

<END>

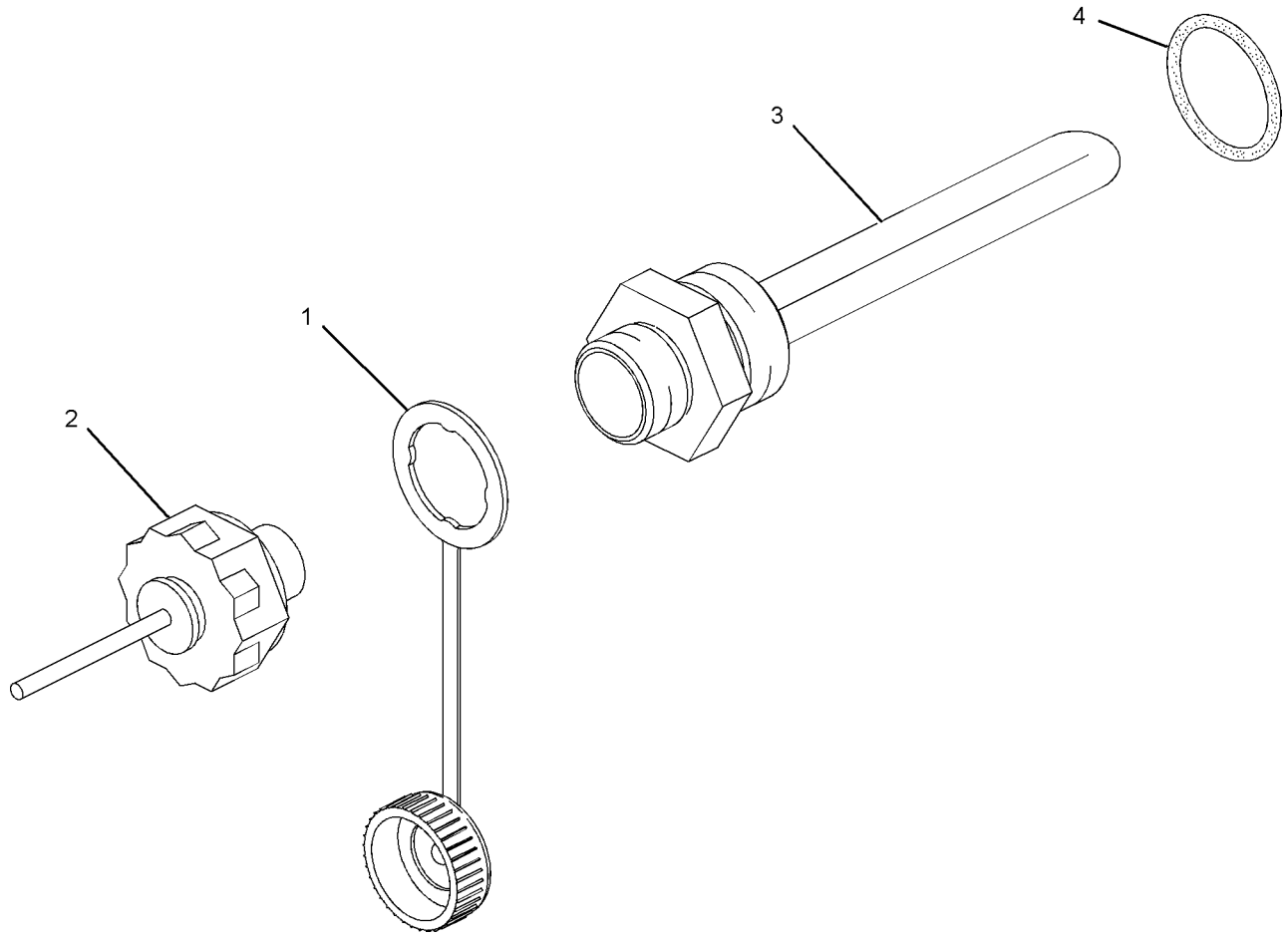
238-6475 HEATER GP-JACKET WATER

S/N: BTW1-UP

PART OF 353-4054 OPTION AR-COLD WEATHER

SMCS-1383 **i02024922**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6N-1604**	2	CAP AS-DUST	
	2	1	**9N-5253**	2	CORD AS-HEATER ELEMENT (120-VOLT, 15-AMPERE)	
	3	1	**230-3525**	2	ELEMENT AS-JACKET WATER HEATER (120-VOLT, 1500-WATT)	
	4	1	**6V-5064**	2	SEAL-O-RING	



GRAPHIC #1 <END> g01047372

274-9446 HEATER GP-JACKET WATER

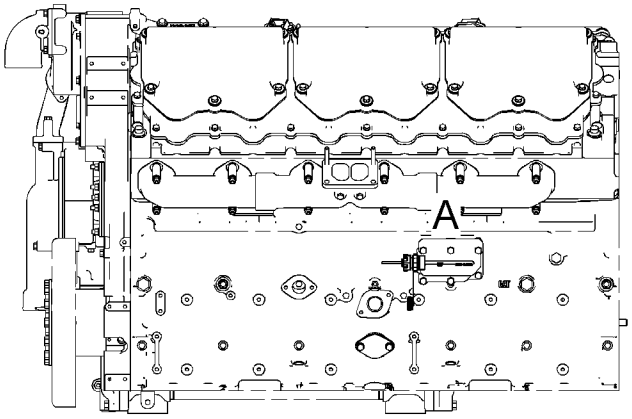
S/N: BTW1-UP

PART OF 353-4064 OPTION AR-COLD WEATHER

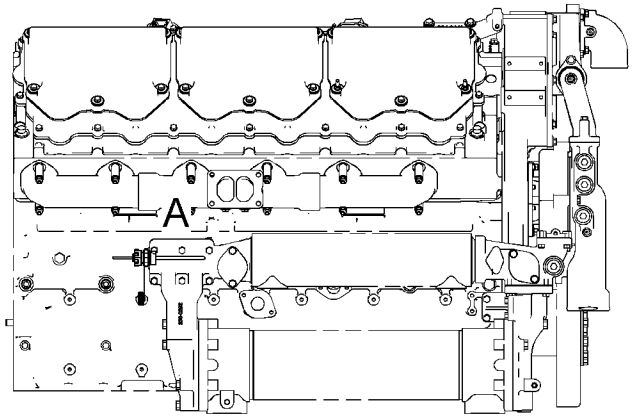
SMCS-1383 **i05164853**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4N-8227**	2	CORD AS-HEATER ELEMENT (240-VOLT, 15-AMPERE)	
	2	1	**6N-1604**	2	CAP AS-DUST	
	3	1	**239-8051**	2	ELEMENT AS-JACKET WATER HEATER (240-VOLT, 1500-WATT)	
					QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH LH & RH SIDES	

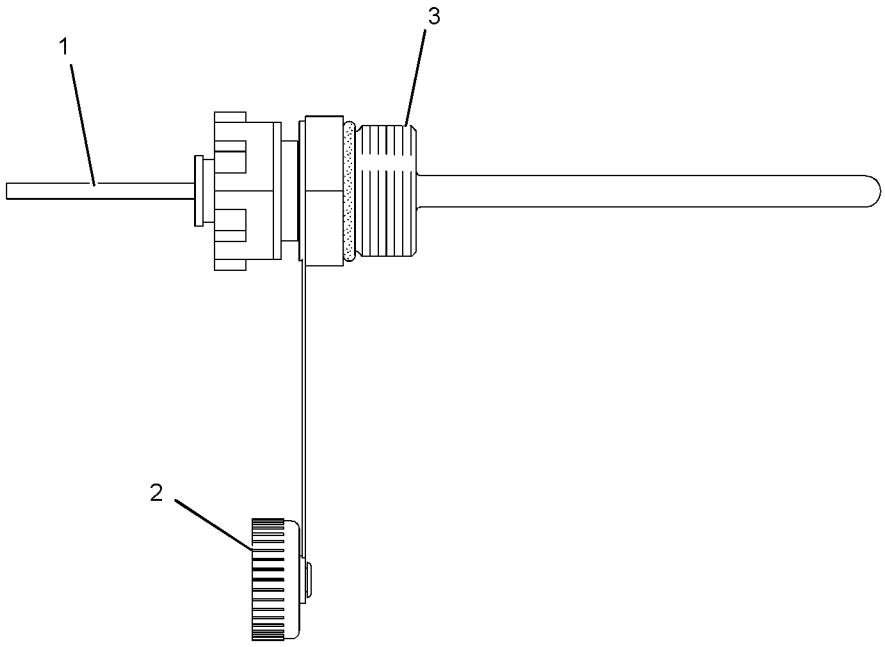
274-9446 **HEATER GP-JACKET WATER** (contd.) **i05164853**



LEFT SIDE VIEW



RIGHT SIDE VIEW



VIEW OF AREA A

GRAPHIC #1 <END> g03330097

361-5695 HEATER GP-JACKET WATER

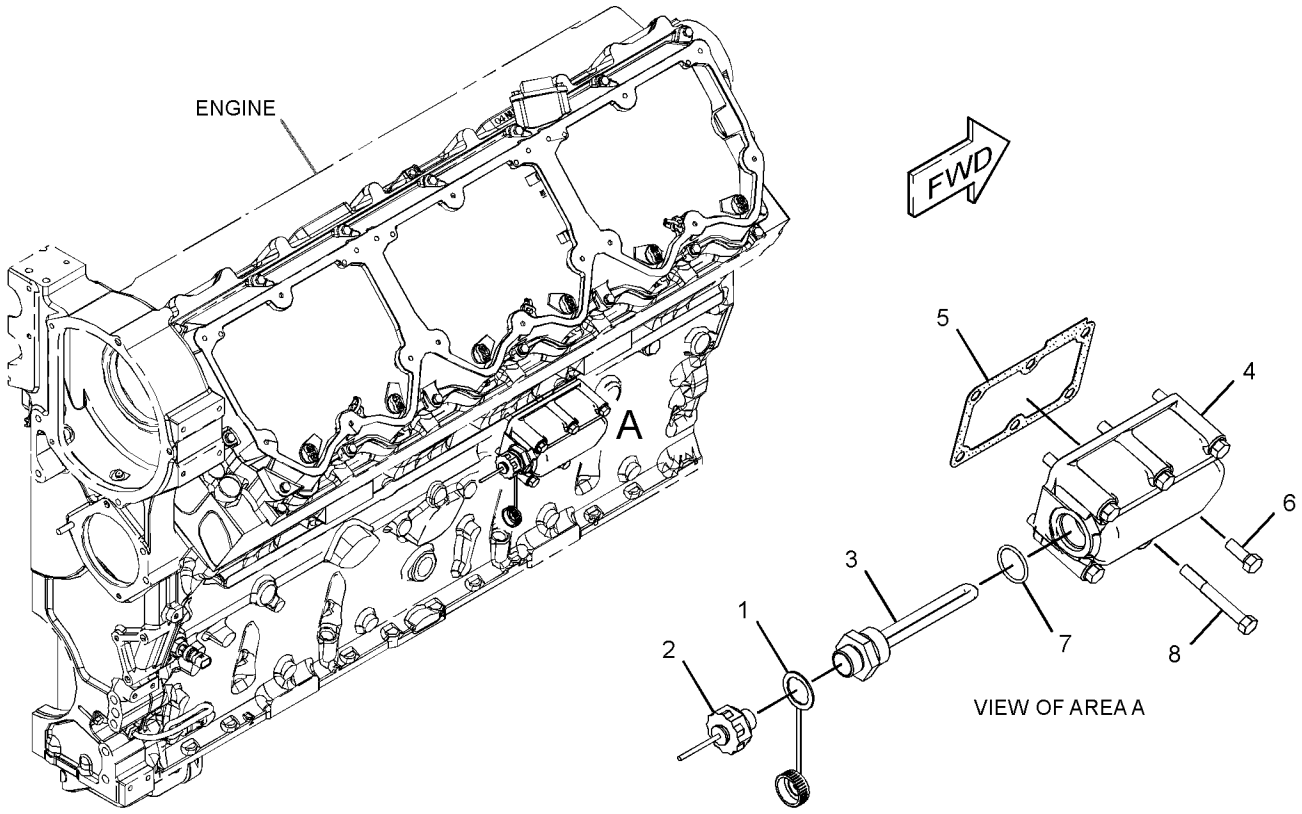
S/N: BTW226-UP
140-VOLT
CANNOT BE USED WITH 361-5696—PAGE: 394
PART OF 353-4054 OPTION AR-COLD WEATHER

SMCS-1383 **i04398888**

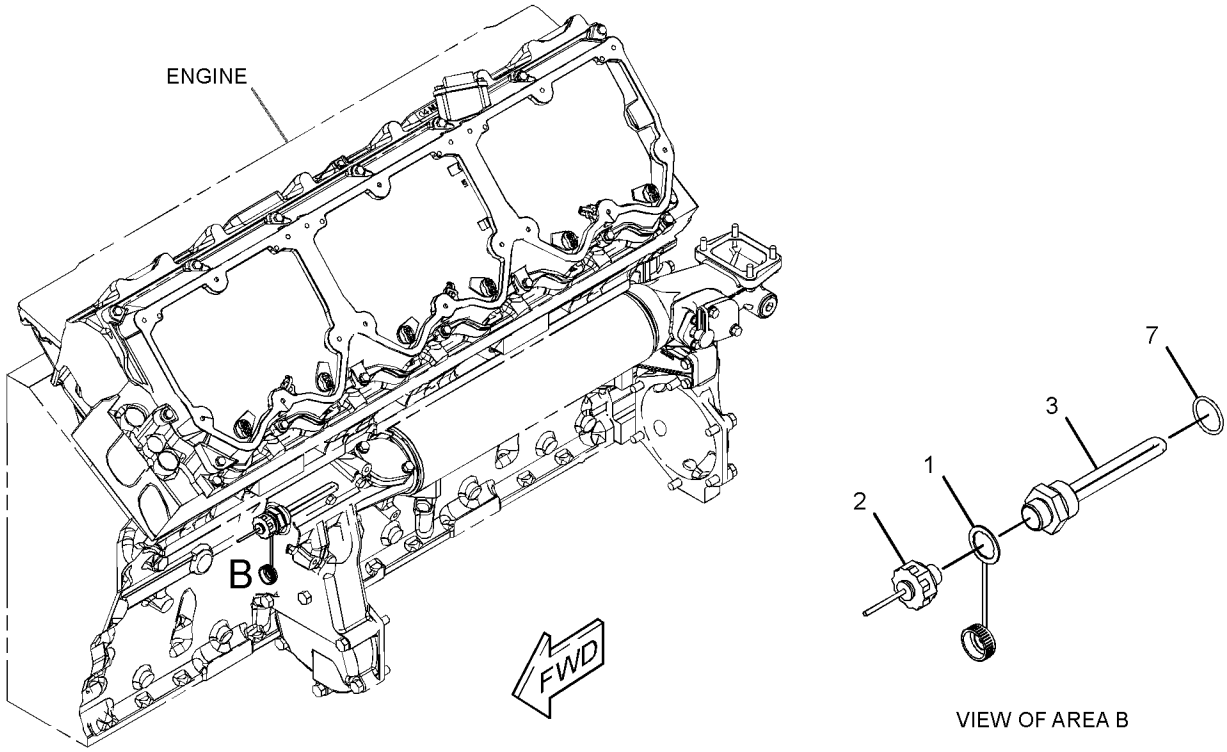
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6N-1604**	2	CAP AS-DUST	
Y	2	1	**9N-5253**	2	CORD AS-HEATER ELEMENT (120-VOLT, 15-AMPERE)	376
	3	1	**230-3525**	2	ELEMENT AS-JACKET WATER HEATER (120-VOLT, 1500-WATT)	
					(EACH INCLUDES)	
		1	**7M-8485**	1	SEAL-O-RING	
	4	1	**238-0293**	1	ADAPTER	
	5	1	**343-8888**	1	GASKET	
	6	1	**4L-6454**	1	BOLT (3/8-16X1-IN)	
	7	1	**6V-5064**	2	SEAL-O-RING	
	8	1	**8T-7008**	5	BOLT (3/8-16X3-IN)	

Y - SEPARATE ILLUSTRATION

361-5695 **HEATER GP-JACKET WATER** (contd.) **i04398888**



VIEW OF AREA A



VIEW OF AREA B

GRAPHIC #1 <END> g02609676

361-5696 HEATER GP-JACKET WATER

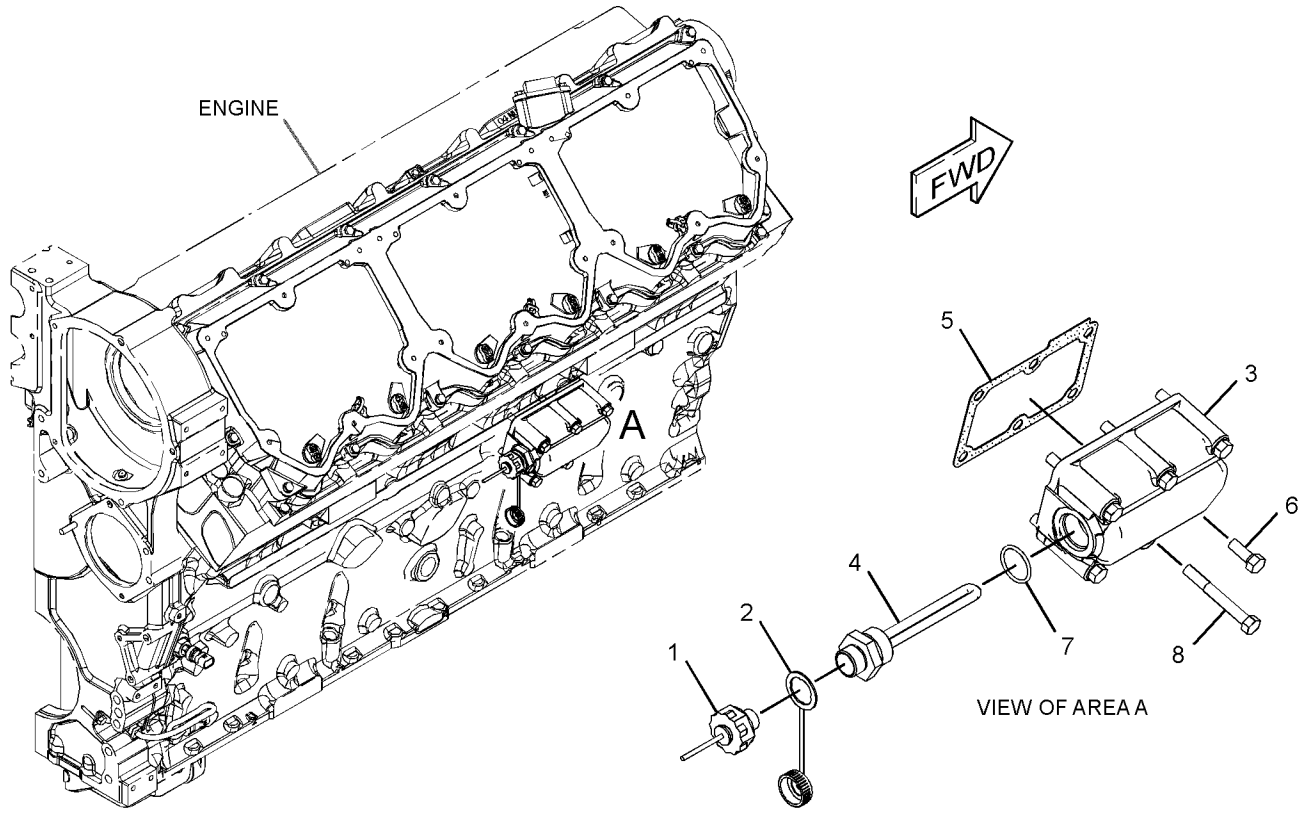
S/N: BTW1-UP
240-VOLT
CANNOT BE USED WITH 361-5695—PAGE: 392
PART OF 353-4064 OPTION AR-COLD WEATHER

SMCS-1383 **i04398887**

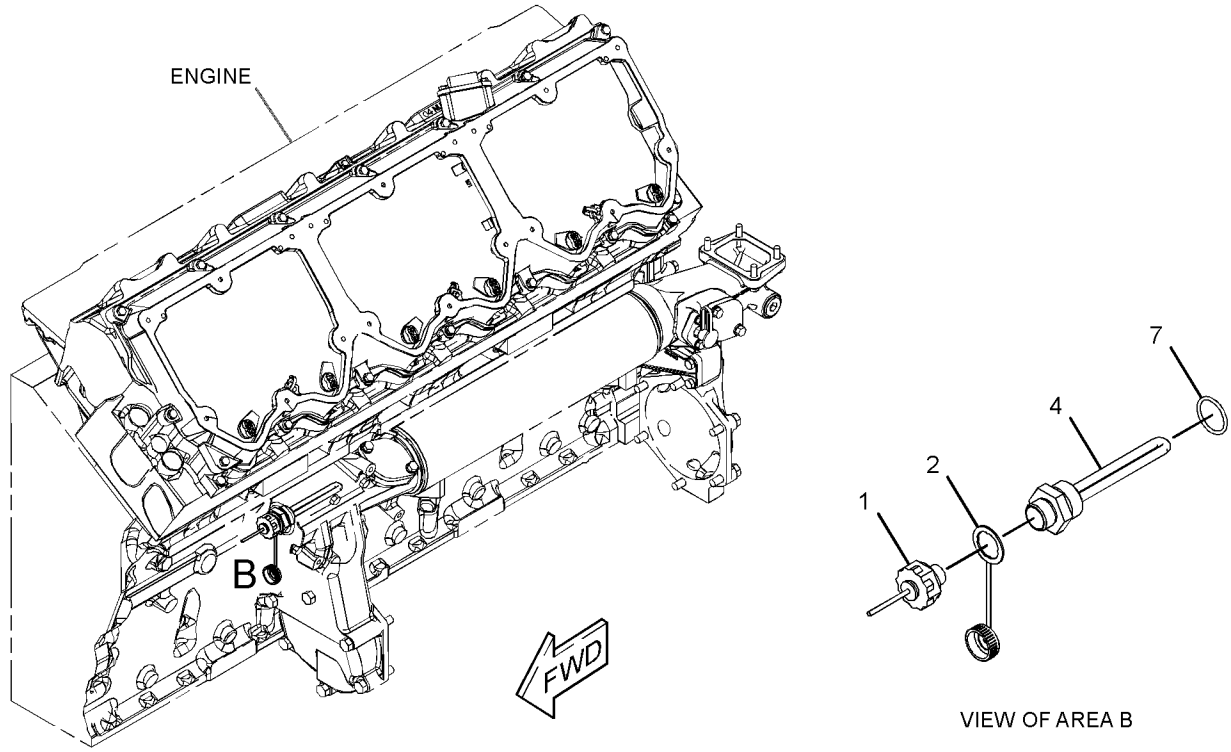
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**4N-8227**	2	CORD AS-HEATER ELEMENT (240-VOLT, 15-AMPERE)	375
	2	1	**6N-1604**	2	CAP AS-DUST	
	3	1	**238-0293**	1	ADAPTER	
	4	1	**239-8051**	2	ELEMENT AS-JACKET WATER HEATER (240-VOLT, 1500-WATT)	
					(EACH INCLUDES)	
		1	**7M-8485**	1	SEAL-O-RING	
	5	1	**343-8888**	1	GASKET	
	6	1	**4L-6454**	1	BOLT (3/8-16X1-IN)	
	7	1	**6V-5064**	2	SEAL-O-RING	
	8	1	**8T-7008**	5	BOLT (3/8-16X3-IN)	

Y - SEPARATE ILLUSTRATION

361-5696 **HEATER GP-JACKET WATER (**contd.**)** **i04398887**



VIEW OF AREA A



VIEW OF AREA B

GRAPHIC #1 <END> g02609058

271-8109 INSTALLATION AR-COMMUNICATION—PRODUCT LINK 300

S/N: BTW1-UP

PART OF 353-4296 CONVERSION AR-MACHINE, 353-4286 OPTION AR-REGIONAL

SMCS-7606 **i02940926**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*268-3889*	1	INSTALLATION GP-COMMUNICATION (PRODUCT LINK 121SR)	397
	307-0047	1	FILM-INFORMATION (PRODUCT LINK, READ OMM)	
			(INSIDE CAB ON LEFT FRONT METAL POST (A POST) DIRECTLY BENEATH WARNING FILM)	
	260-7652	1	FILM-WARNING (PRODUCT LINK 300, U.S.)	
			(INSIDE CAB ON LEFT FRONT METAL POST (A POST) 1200-MM ABOVE CAB FLOOR)	

Y - SEPARATE ILLUSTRATION

<END>

271-9275 INSTALLATION AR-COMMUNICATION—PRODUCT LINK 300

S/N: BTW1-UP

PART OF 353-4264 OPTION AR-MACHINE, 353-4276 OPTION AR-REGIONAL

SMCS-7606 **i02940928**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*268-3889*	1	INSTALLATION GP-COMMUNICATION (PRODUCT LINK 121SR)	397
	307-0047	1	FILM-INFORMATION (PRODUCT LINK, READ OMM)	
			(INSIDE CAB ON LEFT FRONT METAL POST (A POST) DIRECTLY BENEATH WARNING FILM)	
	260-7653	1	FILM-WARNING (PRODUCT LINK 300, INTL)	
			(INSIDE CAB ON LEFT FRONT METAL POST (A POST) 1200-MM ABOVE CAB FLOOR)	

Y - SEPARATE ILLUSTRATION

<END>

268-3889 INSTALLATION GP-COMMUNICATION—PRODUCT LINK

121SR

S/N: BTW1-172

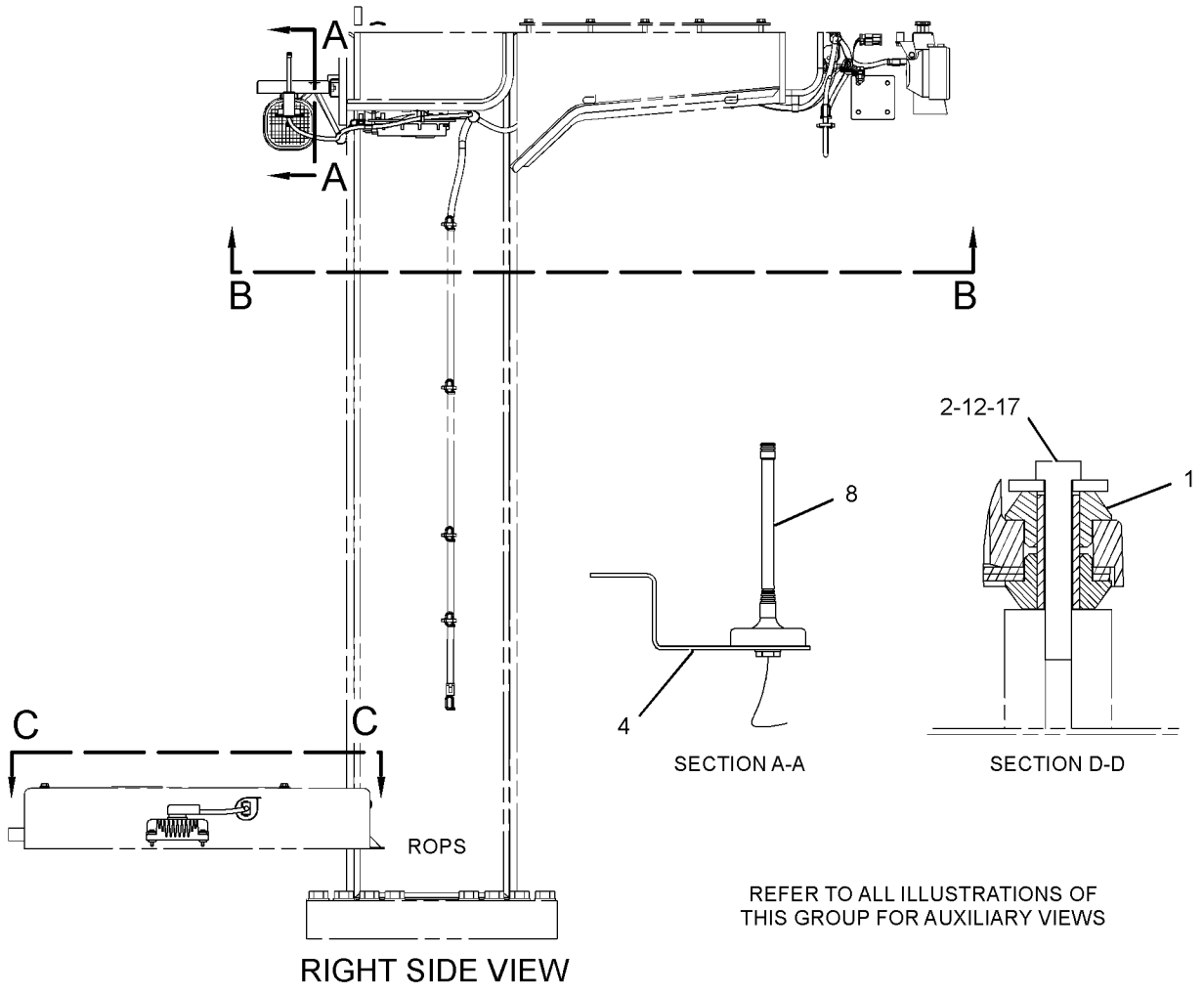
PART OF 271-8109, 271-9275 INSTALLATION AR-COMMUNICATION

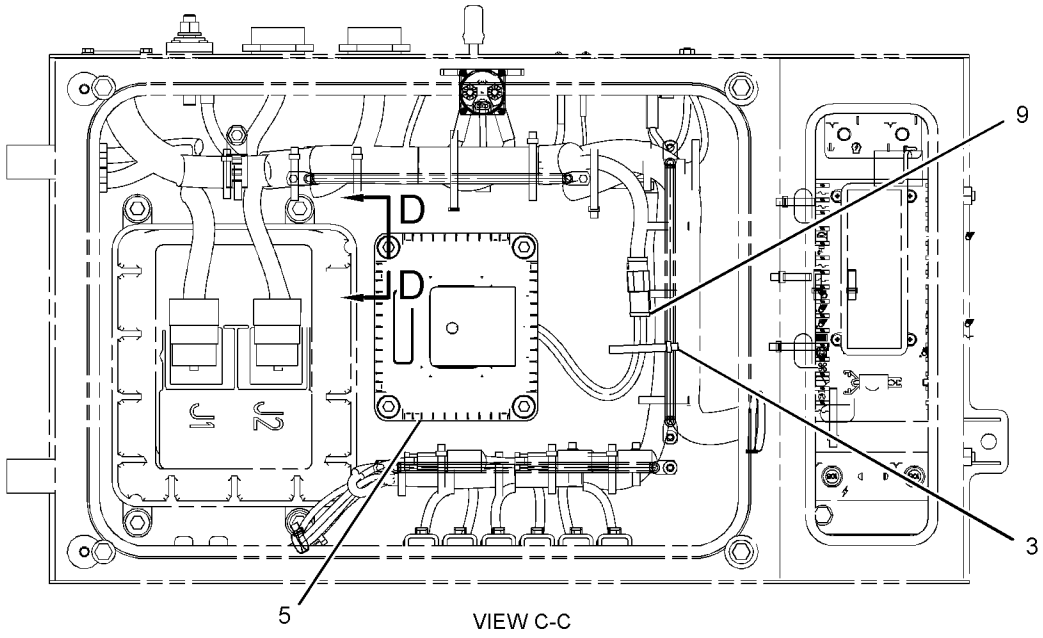
SMCS-7606 **i07183931**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8C-5607**	8	MOUNT-ISOLATION	
	2	1	**8C-5608**	4	SPACER (6.5X9.5X25.4-MM THK)	
	3	1,2	**9X-6772**	2	STRAP-CABLE	
	4	1	**212-3290**	1	BRACKET	
Y	5	1	**239-9954**	1	CONTROL GP-UNPROGRAMMED (PRODUCT LINK 300)	374
	6	2	**253-2585**	1	PLATE AS	
	7	2	**263-9088**	1	RADIO GP-COMMUNICATION (PRODUCT LINK 121SR)	
		2	**282-0638**	1	SOFTWARE GP-COMMUNICATION (PRODUCT LINK 121SR)	
	8	1	**266-2861**	1	ANTENNA AS (PRODUCT LINK)	
		1	**223-4296**	1	ANTENNA (FLEXIBLE)	
	9	1	**269-3202**	1	HARNESS AS-CONTROL	
		1	**9X-6772**	2	STRAP-CABLE	
		1	**155-2255**	1	KIT-CONNECTING PLUG (12-PIN)	
					(INCLUDES PLUG AS & WEDGE)	
		1	**160-7690**	1	PLUG AS-CONNECTOR (70-PIN)	
		1	**159-9322**	1	SEAL-O-RING	
	10	2	**4K-8864**	1	CLIP	
	11	2	**5P-9085**	1	CLIP	
M	12	1	**8C-8451**	4	BOLT (M6X1X40-MM)	
	13	2	**8T-4121**	3	WASHER-HARD (11X21X2.5-MM THK)	
M	14	2	**8T-4136**	2	BOLT (M10X1.5X25-MM)	
M	15	2	**8T-4137**	1	BOLT (M10X1.5X20-MM)	
M	16	2	**8T-4138**	4	BOLT (M6X1X20-MM)	
	17	1	**9X-6165**	4	WASHER (6.5X22X2.5-MM THK)	
	18	2	**9X-8256**	4	WASHER (6.6X12X2-MM THK)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION

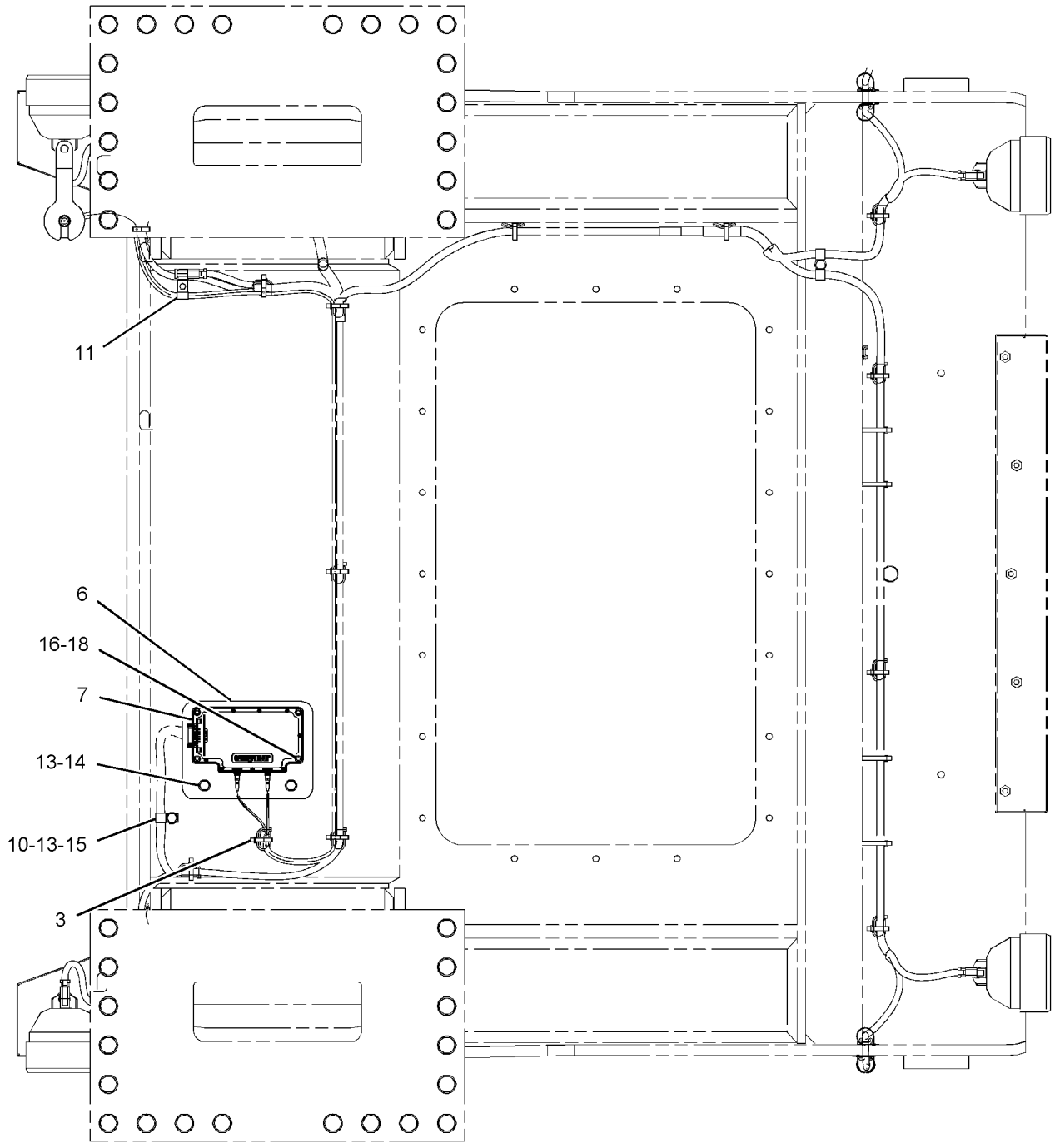
268-3889 **INSTALLATION GP-COMMUNICATION (**contd.**)** **i07183931**





GRAPHIC #1 g01212281

268-3889 **INSTALLATION GP-COMMUNICATION (**contd.**)** **i07183931**



SECTION B-B

GRAPHIC #2 <END> g01212283

268-3889 INSTALLATION GP-COMMUNICATION–PRODUCT LINK

121SR

S/N: BTW173-192

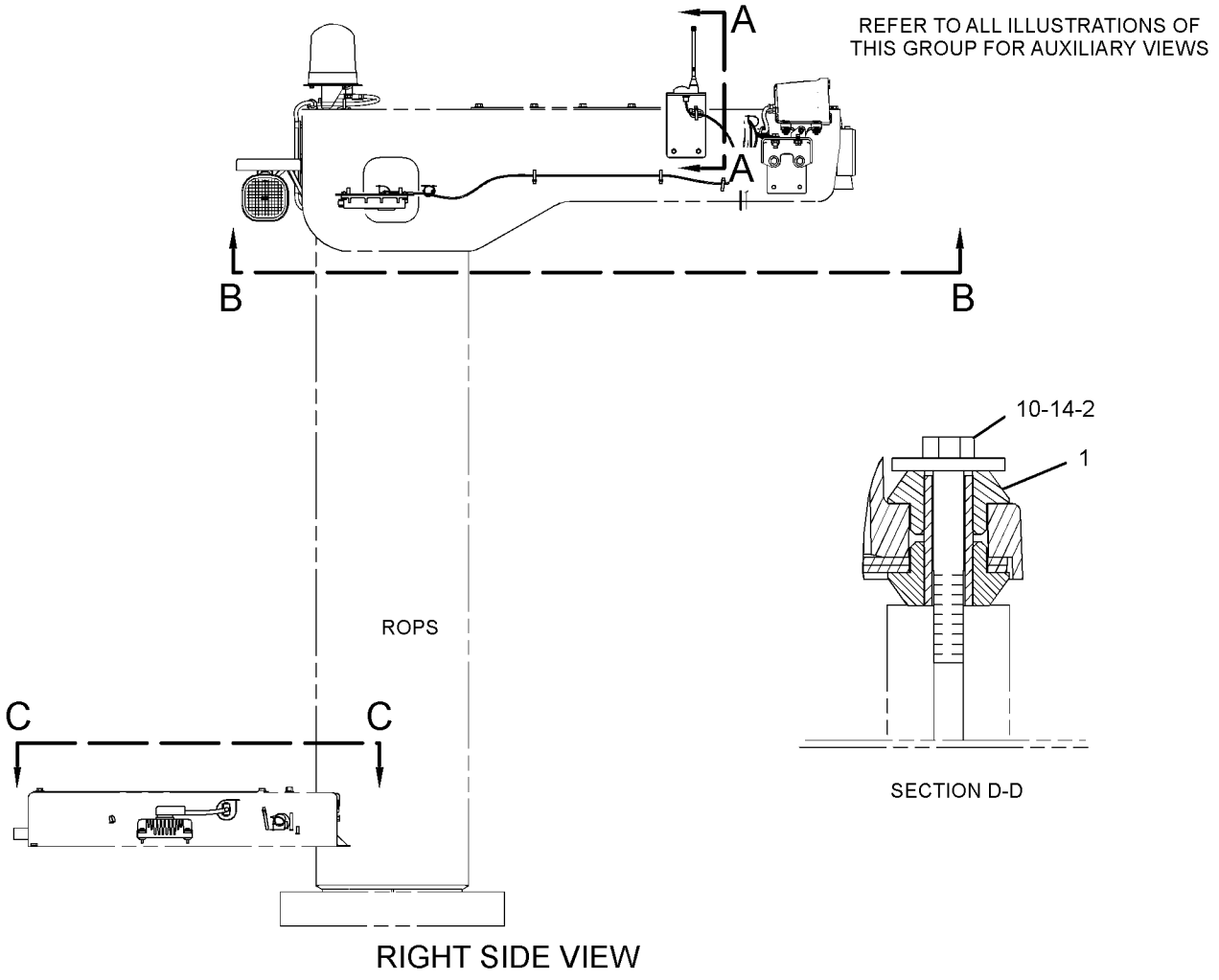
PART OF 271-8109, 271-9275 INSTALLATION AR-COMMUNICATION

SMCS-7606 **i02911200**

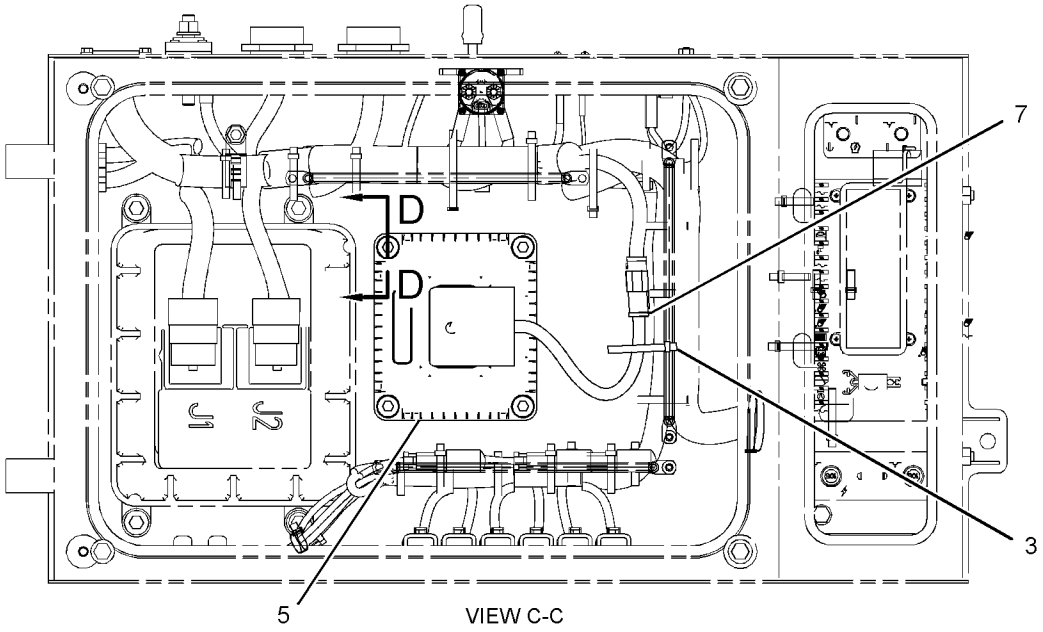
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8C-5607**	8	MOUNT-ISOLATION	
	2	1	**8C-5608**	4	SPACER (6.5X9.5X25.4-MM THK)	
C	3	1,2	**9X-6772**	15	STRAP-CABLE	
	4	2	**253-2585**	1	PLATE AS	
CY	5	1	*262-1421*	1	ELECTRONICS GP-COMMUNICATION (PRODUCT LINK 300)	377
Y	6	2	**263-9088**	1	RADIO GP-COMMUNICATION (PRODUCT LINK 121SR)	476
	7	1	**269-3202**	1	HARNESS AS-CONTROL	
C	8	2	**270-8544**	1	BRACKET AS	
C	9	2	**310-2393**	1	ANTENNA AS (450-CM)	
		2	**301-0589**	1	ANTENNA (FLEXIBLE)	
M	10	1	**8C-8451**	4	BOLT (M6X1X40-MM)	
C	11	2	**8T-4121**	4	WASHER-HARD (11X21X2.5-MM THK)	
CM	12	2	**8T-4136**	4	BOLT (M10X1.5X25-MM)	
M	13	2	**8T-4138**	4	BOLT (M6X1X20-MM)	
	14	1	**9X-6165**	4	WASHER (6.5X22X2.5-MM THK)	
	15	2	**9X-8256**	4	WASHER (6.6X12X2-MM THK)	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
Y - SEPARATE ILLUSTRATION

268-3889 **INSTALLATION GP-COMMUNICATION (**contd.**)** **i02911200**



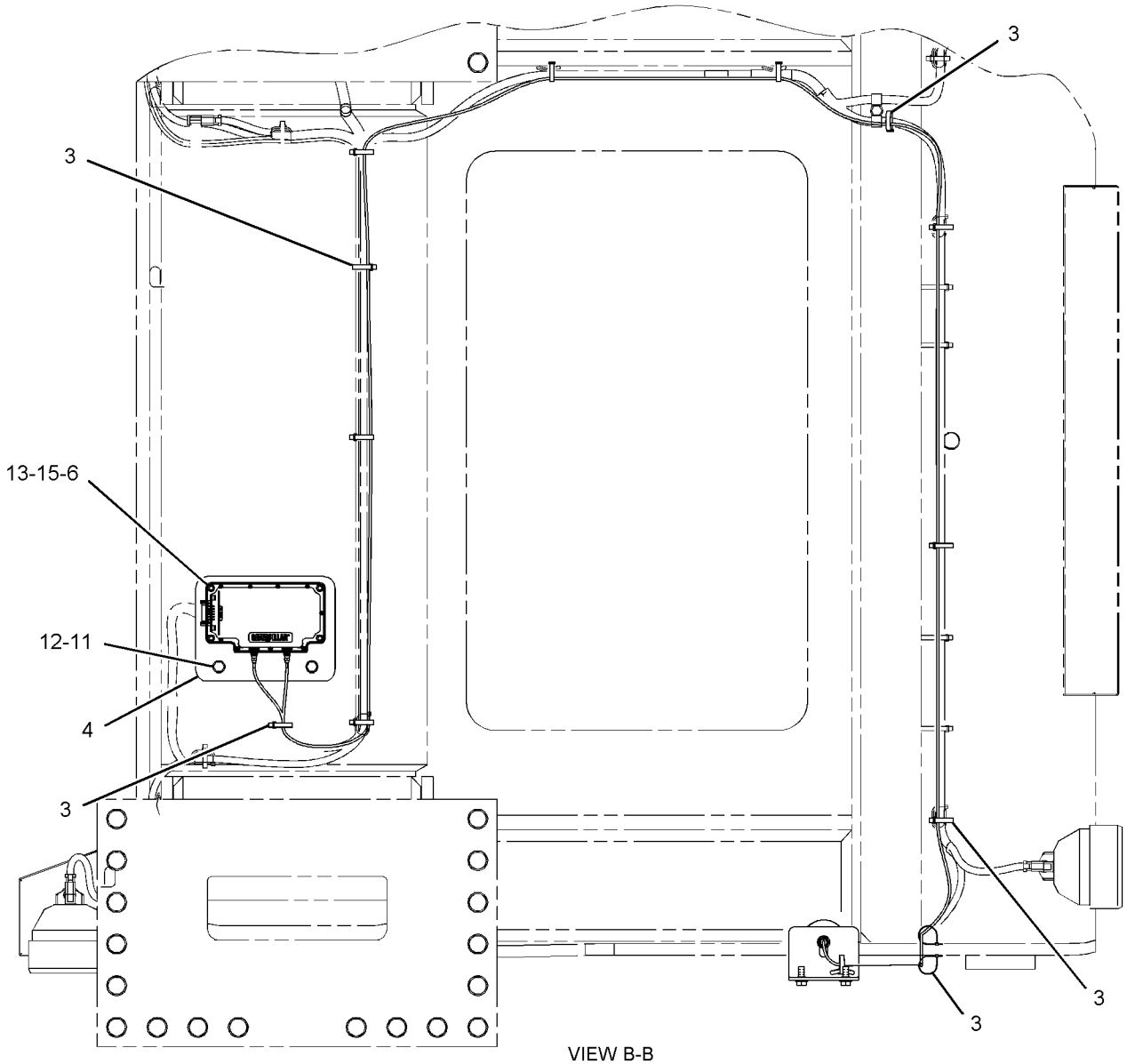
RIGHT SIDE VIEW



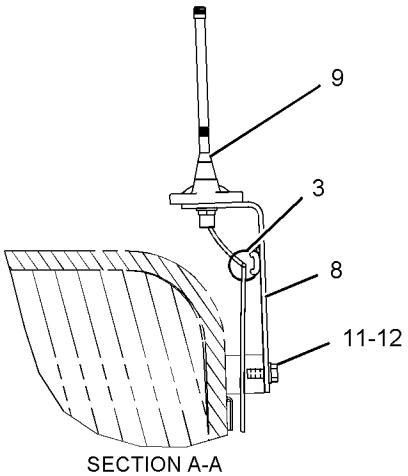
VIEW C-C

GRAPHIC #1 g01554353

268-3889 **INSTALLATION GP-COMMUNICATION (**contd.**)** **i02911200**



VIEW B-B



SECTION A-A

GRAPHIC #2 <END> g01554354

268-3889 INSTALLATION GP-COMMUNICATION—PRODUCT LINK

121SR

S/N: BTW193-UP

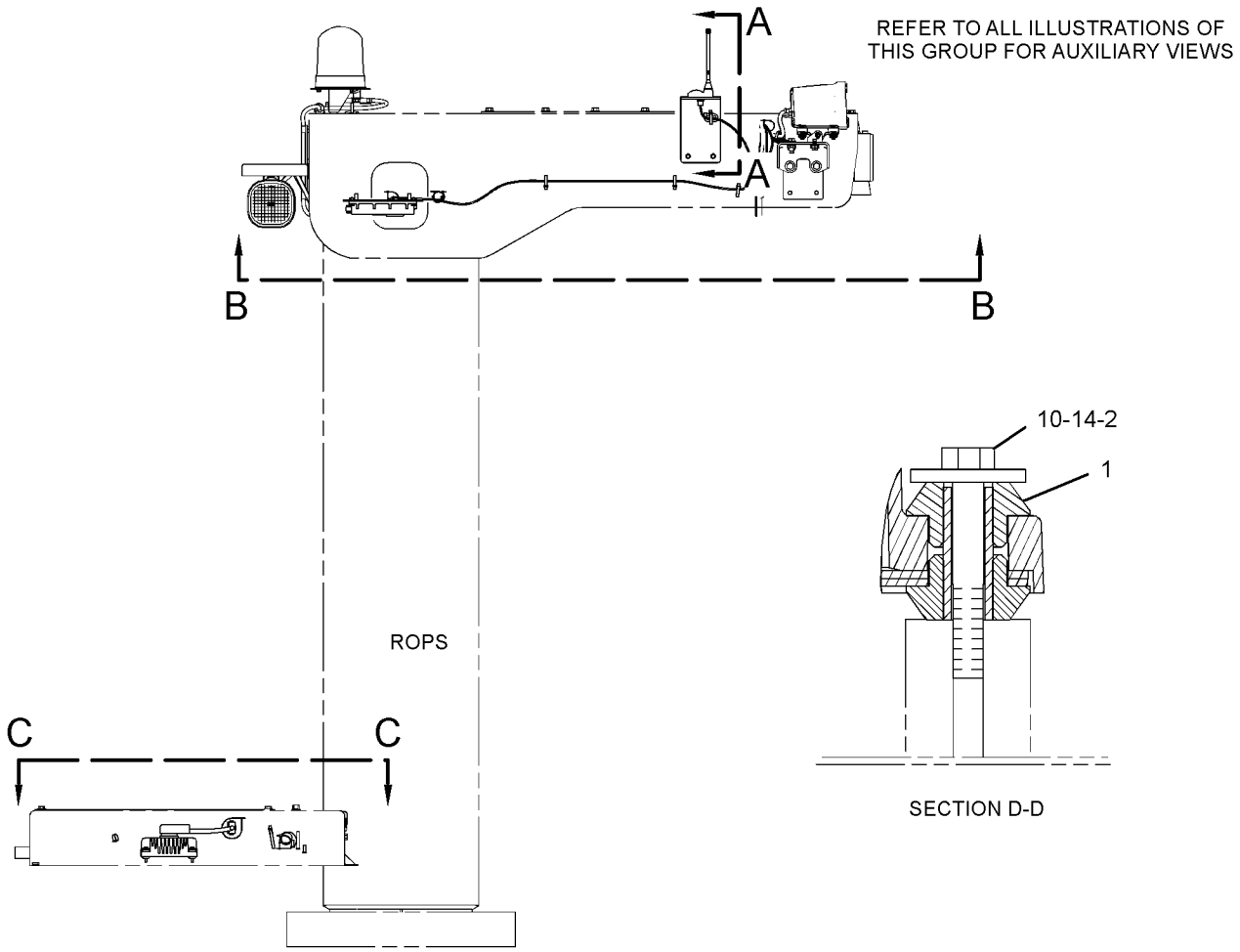
PART OF 271-8109, 271-9275 INSTALLATION AR-COMMUNICATION

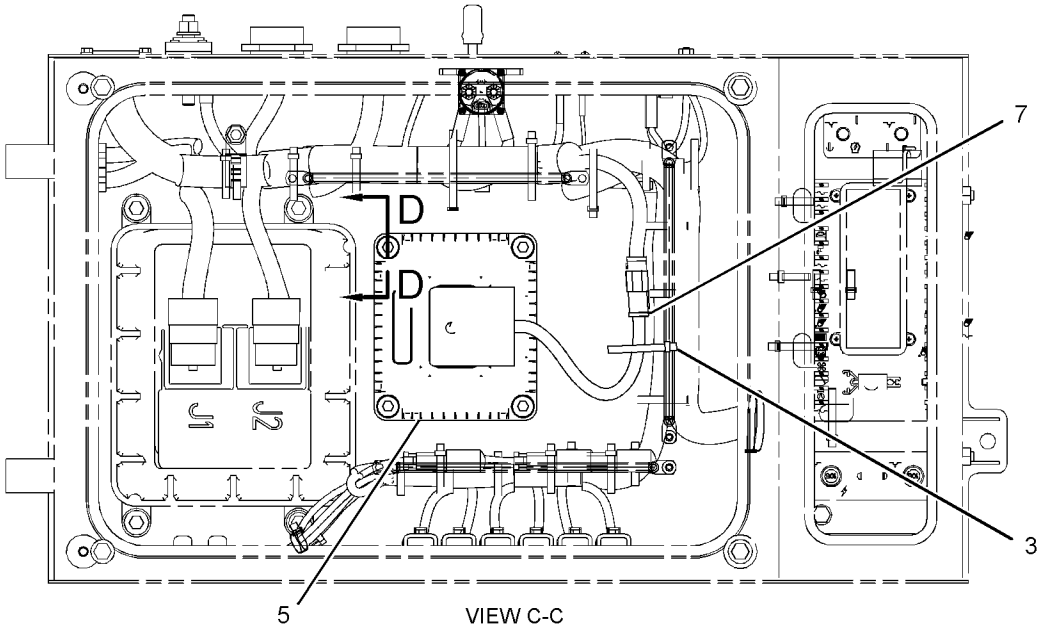
SMCS-7606 **i03883014**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8C-5607**	8	MOUNT-ISOLATION	
	2	1	**8C-5608**	4	SPACER (6.5X9.5X25.4-MM THK)	
	3	1,2	**9X-6772**	15	STRAP-CABLE	
	4	2	**253-2585**	1	PLATE AS	
Y	5	1	*262-1421*	1	ELECTRONICS GP-COMMUNICATION (PRODUCT LINK 300)	377
CY	6	2	**336-3545**	1	RADIO GP-COMMUNICATION (PRODUCT LINK 121SR)	476
	7	1	**269-3202**	1	HARNESS AS-CONTROL	
	8	2	**270-8544**	1	BRACKET AS	
	9	2	**310-2393**	1	ANTENNA AS (450-CM)	
		2	**301-0589**	1	ANTENNA (FLEXIBLE)	
M	10	1	**8C-8451**	4	BOLT (M6X1X40-MM)	
	11	2	**8T-4121**	4	WASHER-HARD (11X21X2.5-MM THK)	
M	12	2	**8T-4136**	4	BOLT (M10X1.5X25-MM)	
M	13	2	**8T-4138**	4	BOLT (M6X1X20-MM)	
	14	1	**9X-6165**	4	WASHER (6.5X22X2.5-MM THK)	
	15	2	**9X-8256**	4	WASHER (6.6X12X2-MM THK)	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
Y - SEPARATE ILLUSTRATION

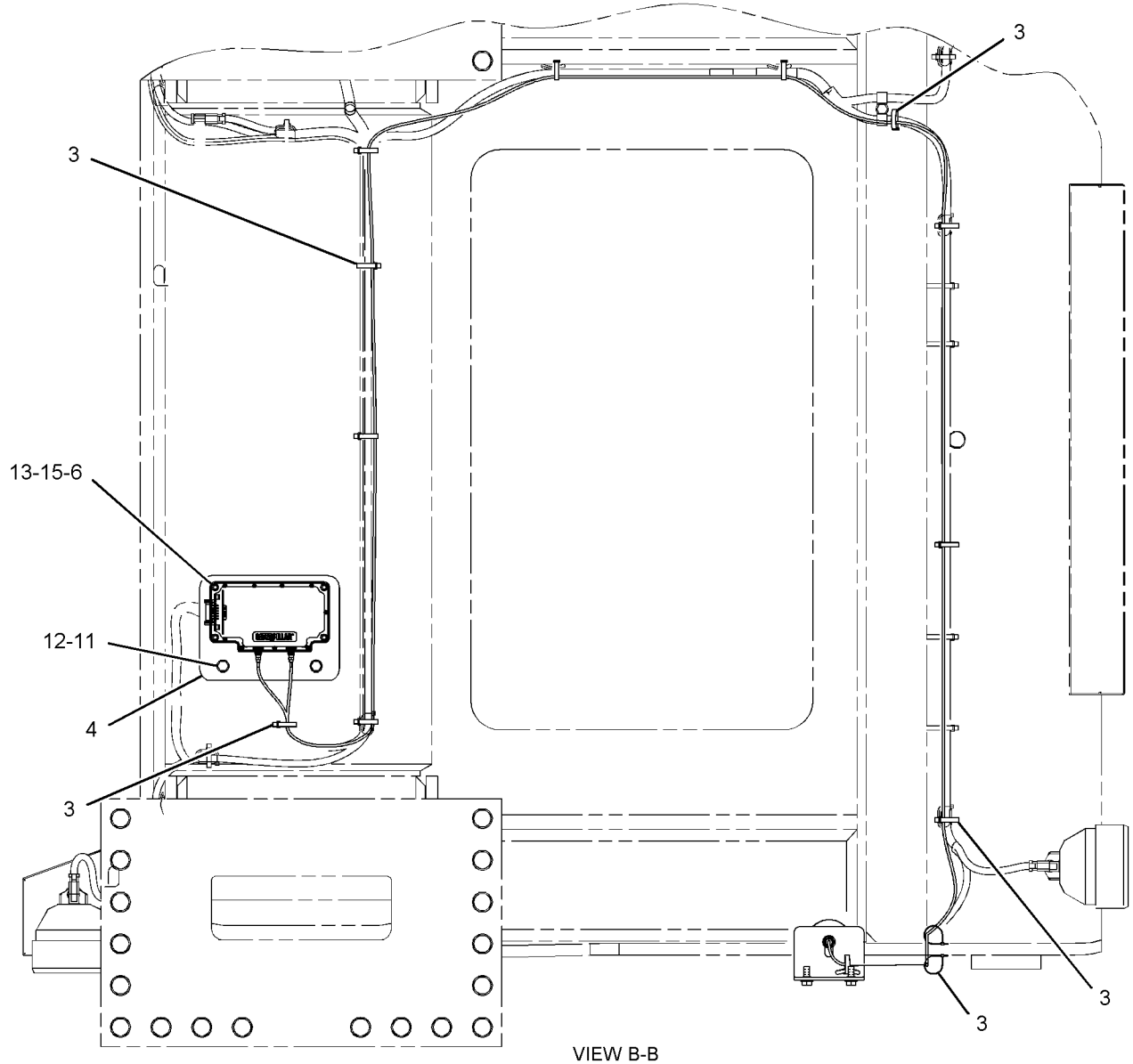
268-3889 **INSTALLATION GP-COMMUNICATION (**contd.**)** **i03883014**



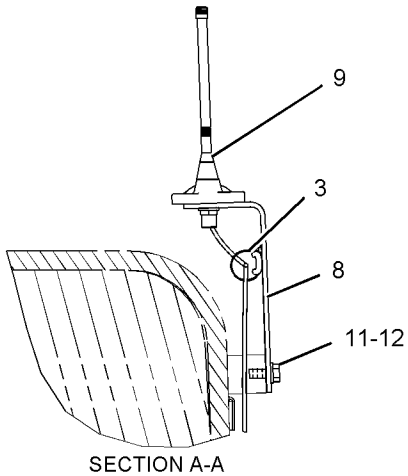


GRAPHIC #1 g01554353

268-3889 **INSTALLATION GP-COMMUNICATION (**contd.**)** **i03883014**



VIEW B-B



SECTION A-A

GRAPHIC #2 <END> g01554354

353-5450 KIT-CAMERA

S/N: BTW1-UP

SMCS-7348 **i07014370**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
J	**347-1668**	1	CAMERA AS (115-DEG, COLOR)	
	275-0054	1	HARNESS AS-SWITCH	
	8T-8730	5	SOCKET-CONNECTOR (16-GA TO 18-GA)	
	8T-8737	1	PLUG-SEAL	
E	**125-7875**		TUBE-HEAT SHRINK (7.44-MM DIA) (5-CM)	
	155-2274	1	KIT-CONNECTING PLUG (6-PIN)	
			(INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
	464-6046	1	MODULE GP-DISPLAY (WORK AREA VISUAL SYSTEM)	
	8T-8729	5	PIN-CONNECTOR (16-GA TO 18-GA)	
	8T-8737	1	PLUG-SEAL	
	102-8805	1	KIT-RECEPTACLE (6-PIN)	
			(INCLUDES RECEPTACLE AS & WEDGE)	
	344-3848	1	HARNESS AS-MONITOR (WORK AREA VISUAL SYSTEM)	
			AVAILABLE REPAIR KIT(S):	
J	**251-4162**	1	KIT-BRACKET (CAMERA)	
			(INCLUDES BRACKET, BOLTS, LOCK NUTS, GASKET & ALLEN KEY)	

E - ORDER BY THE CENTIMETER
J - KIT MARKED J SERVICES PART(S) MARKED J

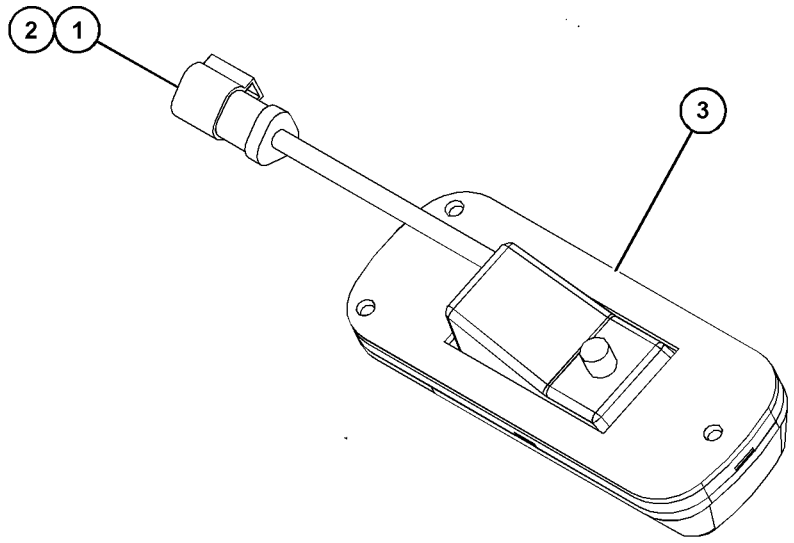
<END>

375-1478 LAMP GP-DOME–LED

S/N: BTW1-UP
24-VOLT. WITH SWITCH
FIELD REPLACEMENT FOR 3E-6389–PAGE: 408

SMCS-1433 **i07198672**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	2	1	**8T-8729**	3	PIN-CONNECTOR (16-GA TO 18-GA)	
	3	1	**7T-0020**	1	LENS-DOME LAMP	



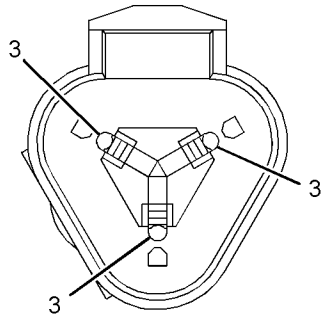
GRAPHIC #1 <END> g06250251

3E-6389 LAMP GP-DOME

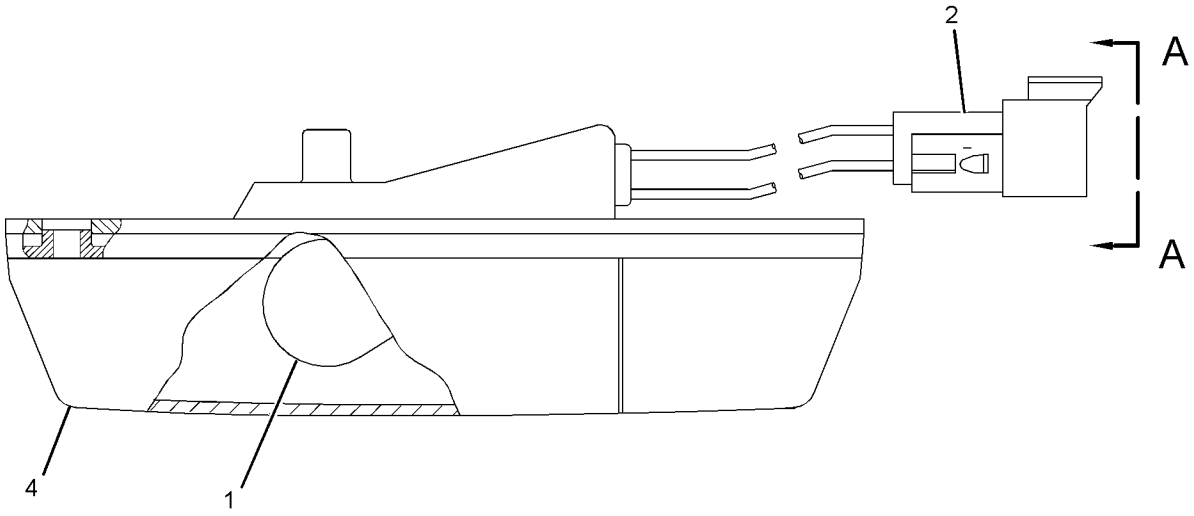
S/N: BTW1-UP
24-VOLT. WITH SWITCH
FIELD REPLACEMENT ORDER 375-1478—PAGE: 407
PART OF 275-3639 CAB GP, 236-5464 WIRING GP-CAB

SMCS-1433 **i04953731**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7N-9943**	1	LAMP (24-VOLT) (DOME LIGHT)	
	2	1	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	3	1	**8T-8729**	3	PIN-CONNECTOR (16-GA TO 18-GA)	
	4	1	**7T-0020**	1	LENS-DOME LAMP	



VIEW A-A



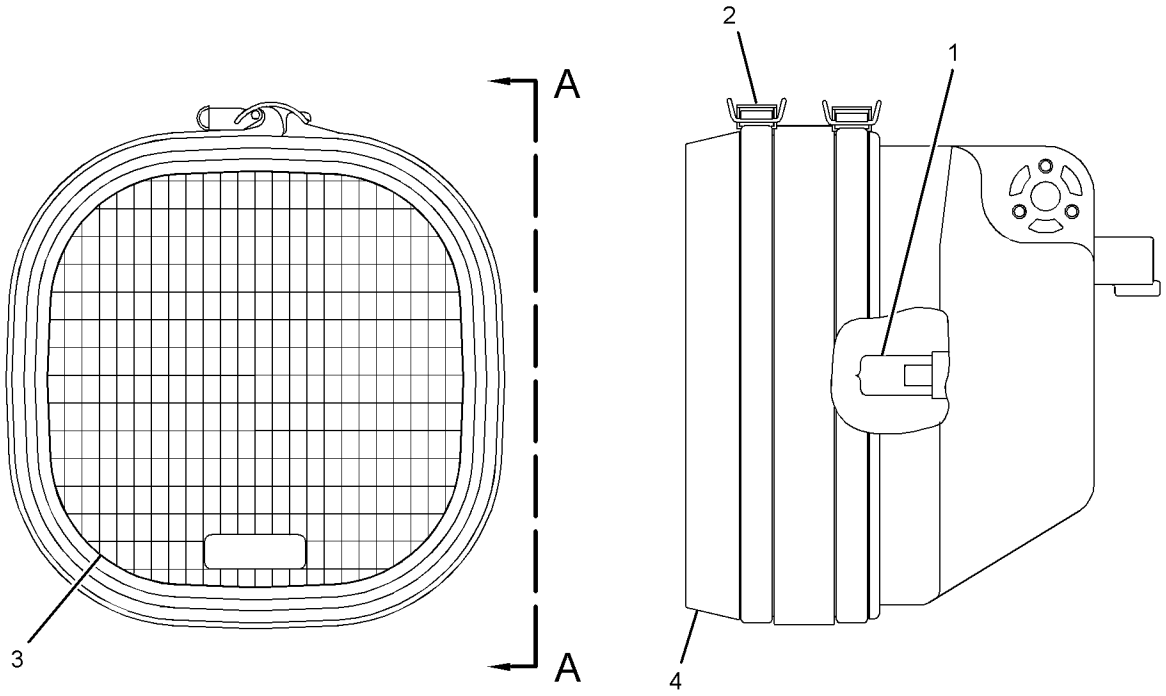
GRAPHIC #1 <END> g02646562

147-0319 LAMP GP-FLOOD

S/N: BTW1-UP
24-VOLT, 70-WATT
FIELD REPLACEMENT ORDER 227-5978—PAGE: 413
PART OF 176-5480 LIGHTING GP-AUXILIARY

SMCS-1434 **i06041366**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**351-9918**	1	LAMP-HALOGEN (24-VOLT, 70-WATT)	
	2	1	**188-8849**	2	CLAMP	
	3	1	**375-0352**	1	LENS AS (FLOODLIGHT)	
	4	1	**158-0252**	1	BEZEL	
					PARTS SHOWN IN GRAPHIC(S) WITHOUT A REFERENCE NUMBER ARE NOT SERVICED SEPARATELY	



VIEW A-A

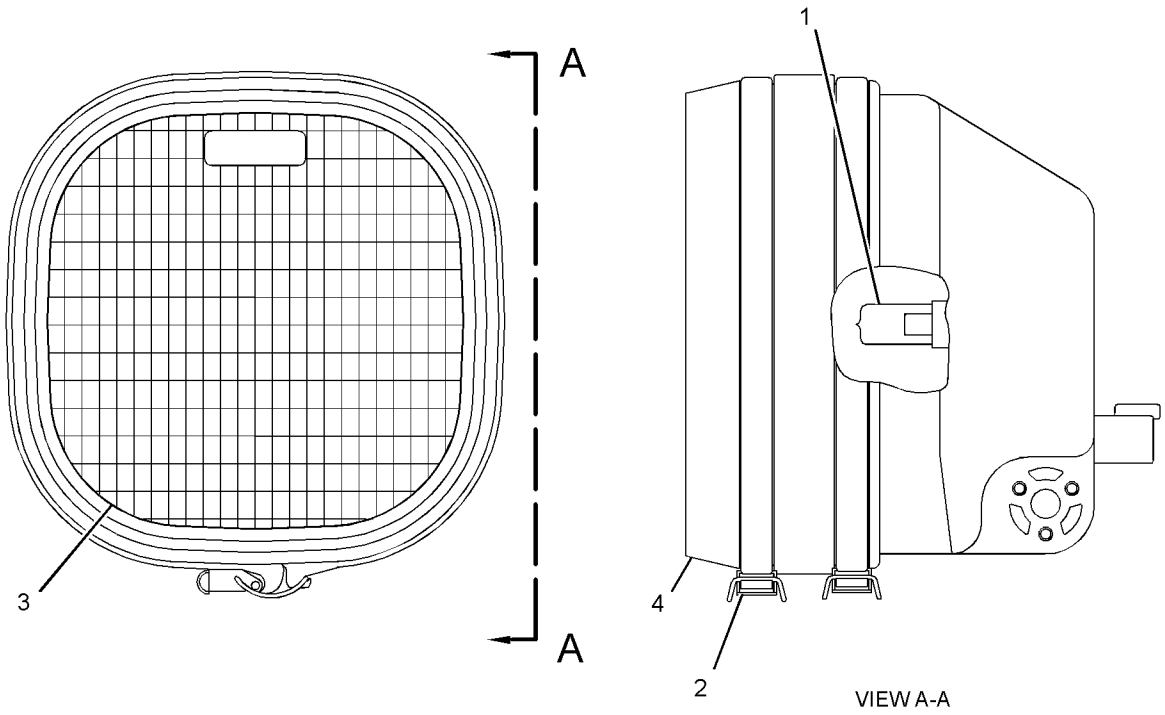
GRAPHIC #1 <END> g03786158

153-2073 LAMP GP-FLOOD

S/N: BTW1-UP
24-VOLT, 70-WATT
PART OF 234-7871, 239-5630 LIGHTING GP-FLOOD

SMCS-1434 **i06656161**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**351-9918**	1	LAMP-HALOGEN (24-VOLT, 70-WATT)	
	2	1	**188-8849**	2	CLAMP	
	3	1	**375-0352**	1	LENS AS (FLOODLIGHT)	
	4	1	**158-0252**	1	BEZEL	
					PARTS SHOWN IN GRAPHIC(S) WITHOUT A REFERENCE NUMBER ARE NOT SERVICED SEPARATELY	



GRAPHIC #1 <END> g03737412

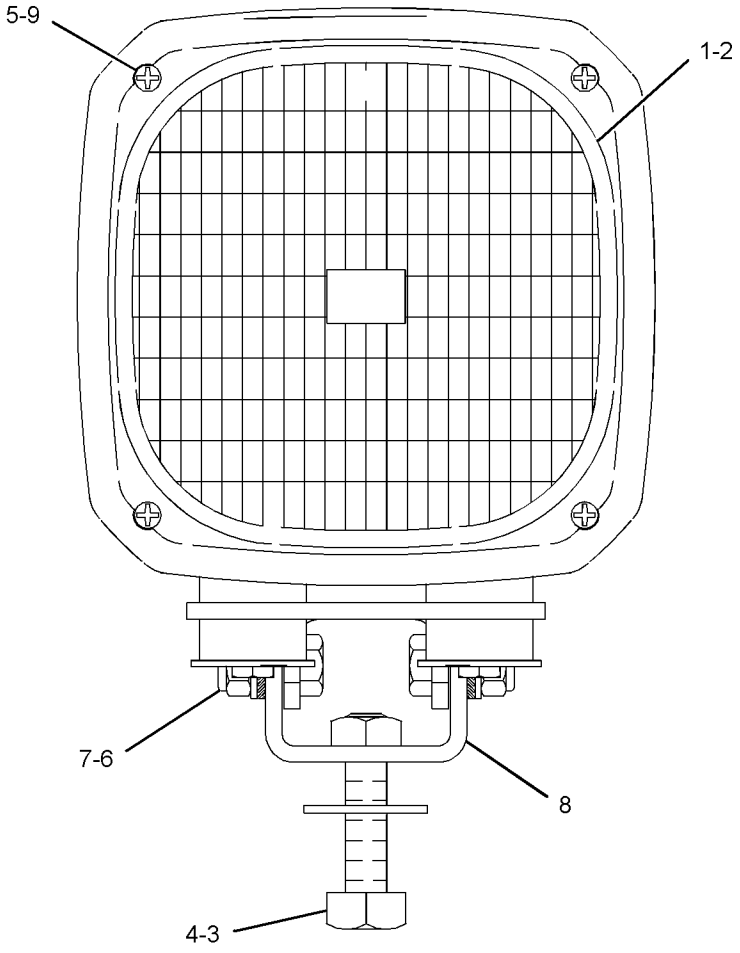
210-8423 LAMP GP-FLOOD–HID

S/N: BTW1-UP
24-VOLT, 35-WATT
FIELD REPLACEMENT ORDER 347-9427–PAGE: 417
PART OF 239-5630 LIGHTING GP-FLOOD

SMCS-1434 **i03211141**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**229-9969**	1	LENS AS	
	2	1	**209-6638**	1	LAMP-HALOGEN (12/24-VOLT, 35-WATT)	
M	3	1	**151-8754**	1	BOLT (M10X1.5X40-MM)	
	4	1	**8T-4121**	1	WASHER-HARD (11X21X2.5-MM THK)	
M	5	1	**120-9027**	4	SCREW-PAN HEAD (M3X0.5X16-MM)	
M	6	1	**8T-4189**	2	BOLT (M8X1.25X20-MM)	
M	7	1	**6V-9189**	2	LOCKNUT (M8X1.25-THD)	
	8	1	**229-9972**	1	BRACKET AS	
	9	1	**229-9974**	1	BEZEL	

M - METRIC PART



GRAPHIC #1 <END> g01381688

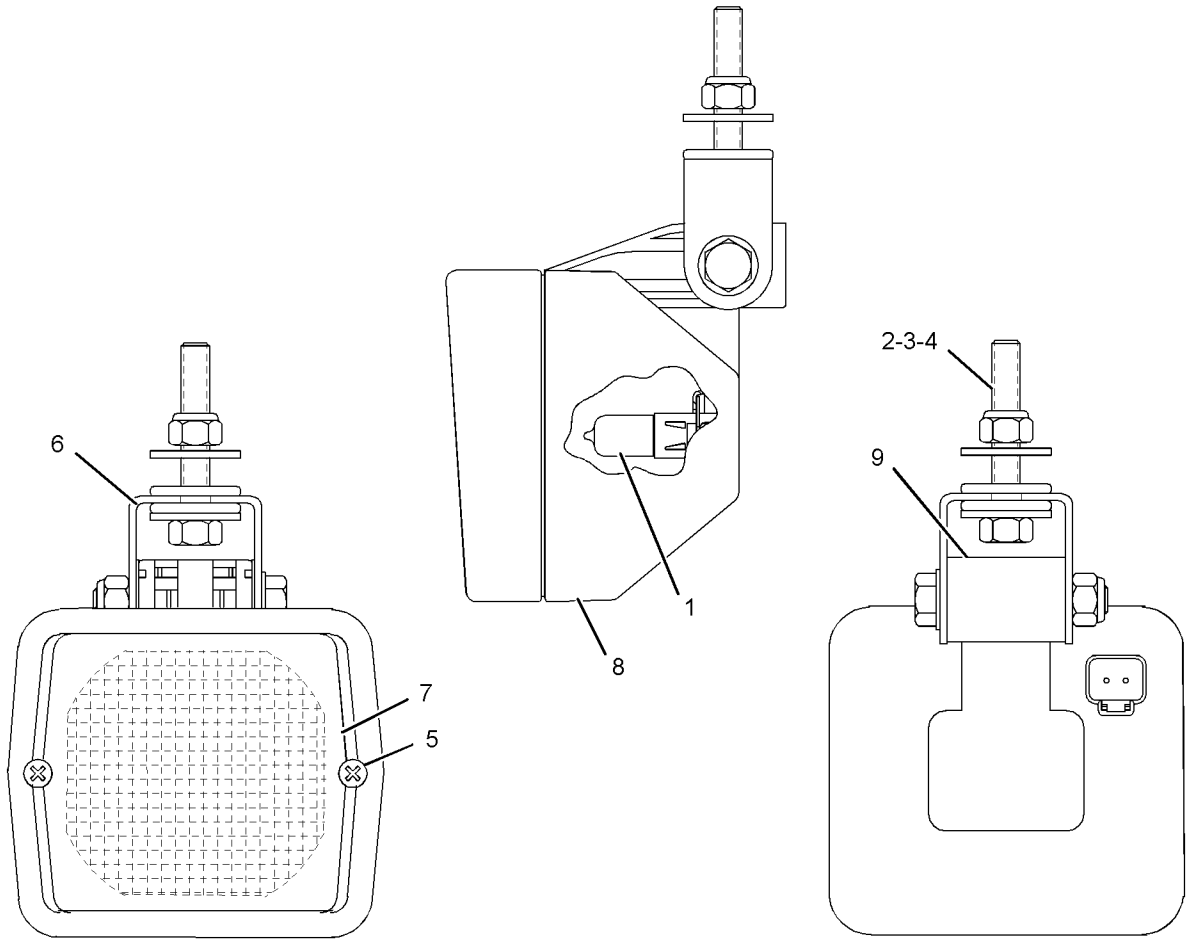
219-6487 LAMP GP-FLOOD

S/N: BTW1-UP
24-VOLT, 70-WATT
FIELD REPLACEMENT FOR 254-8155—PAGE: 415
PART OF 239-5629 LIGHTING GP-FLOOD

SMCS-1434 **i05939728**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**351-9918**	1	LAMP-HALOGEN (24-VOLT, 70-WATT)	
M	2	1	**8T-6912**	1	BOLT (M8X1.25X50-MM)	
M	3	1	**6V-9189**	1	LOCKNUT (M8X1.25-THD)	
	4	1	**8T-4224**	2	WASHER-HARD (8.8X16X2-MM THK)	
M	5	1	**9X-4244**	2	SCREW-SPECIAL (M4X1.79X25-MM)	
	6	1	**175-4291**	1	BRACKET AS	
	7	1	**202-6614**	1	LENS AS (FLOODLIGHT)	
	8	1	**175-4292**	1	BODY AS	
	9	1	**164-7556**	1	BRACKET (LAMP RETAINING)	

M - METRIC PART



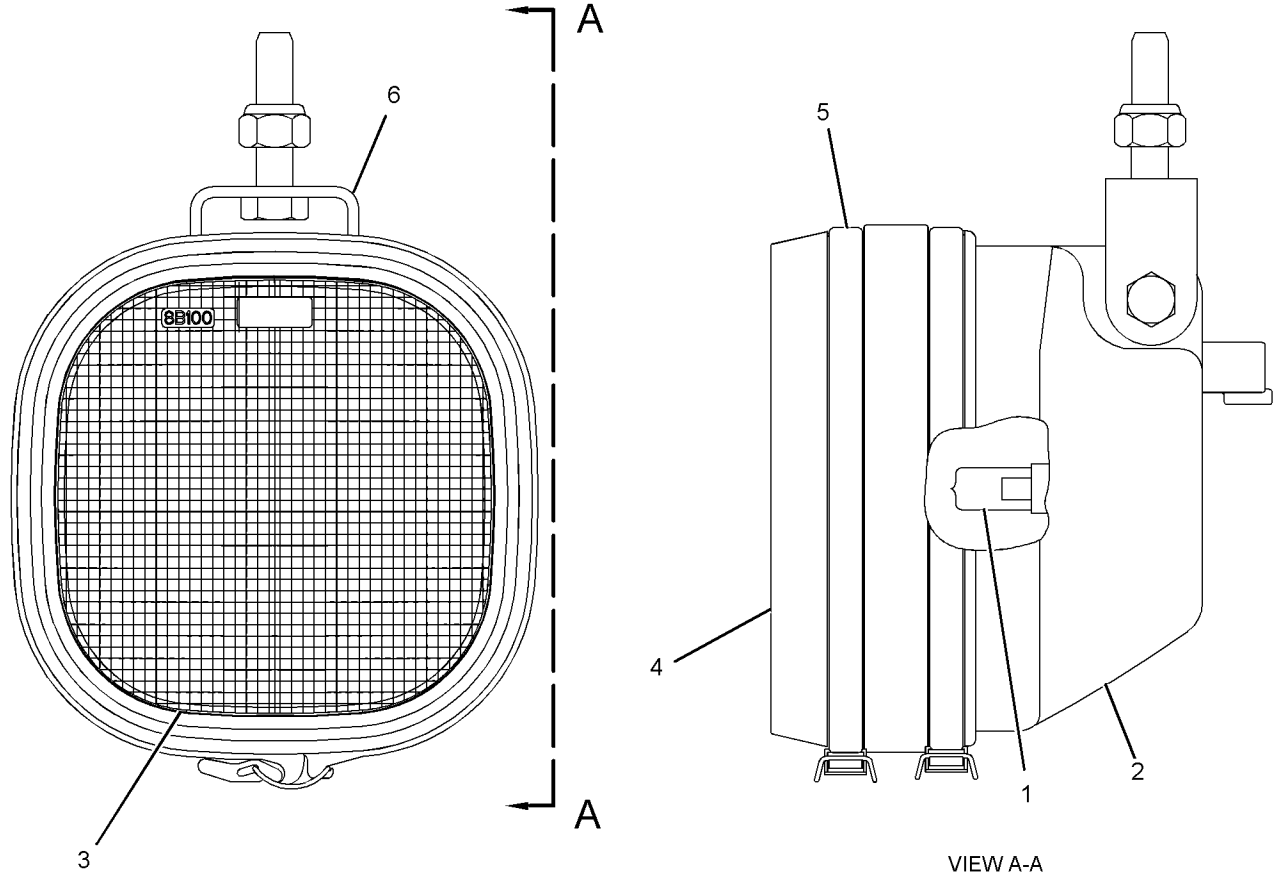
GRAPHIC #1 <END> g02167882

227-5978 LAMP GP-FLOOD

S/N: BTW1-UP
24-VOLT, 70-WATT
FIELD REPLACEMENT FOR 147-0319—PAGE: 409

SMCS-1434 **i06621918**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**351-9918**	1	LAMP-HALOGEN (24-VOLT, 70-WATT)	
	2	1	**158-0250**	1	BODY AS-LAMP	
	3	1	**375-0352**	1	LENS AS	
	4	1	**158-0252**	1	BEZEL	
	5	1	**188-8849**	2	CLAMP	
	6	1	**165-0699**	1	KIT-MOUNTING BRACKET (LAMP)	
					(INCLUDES BRACKET, BOLTS & LOCKNUT)	



VIEW A-A

GRAPHIC #1 <END> g02753639

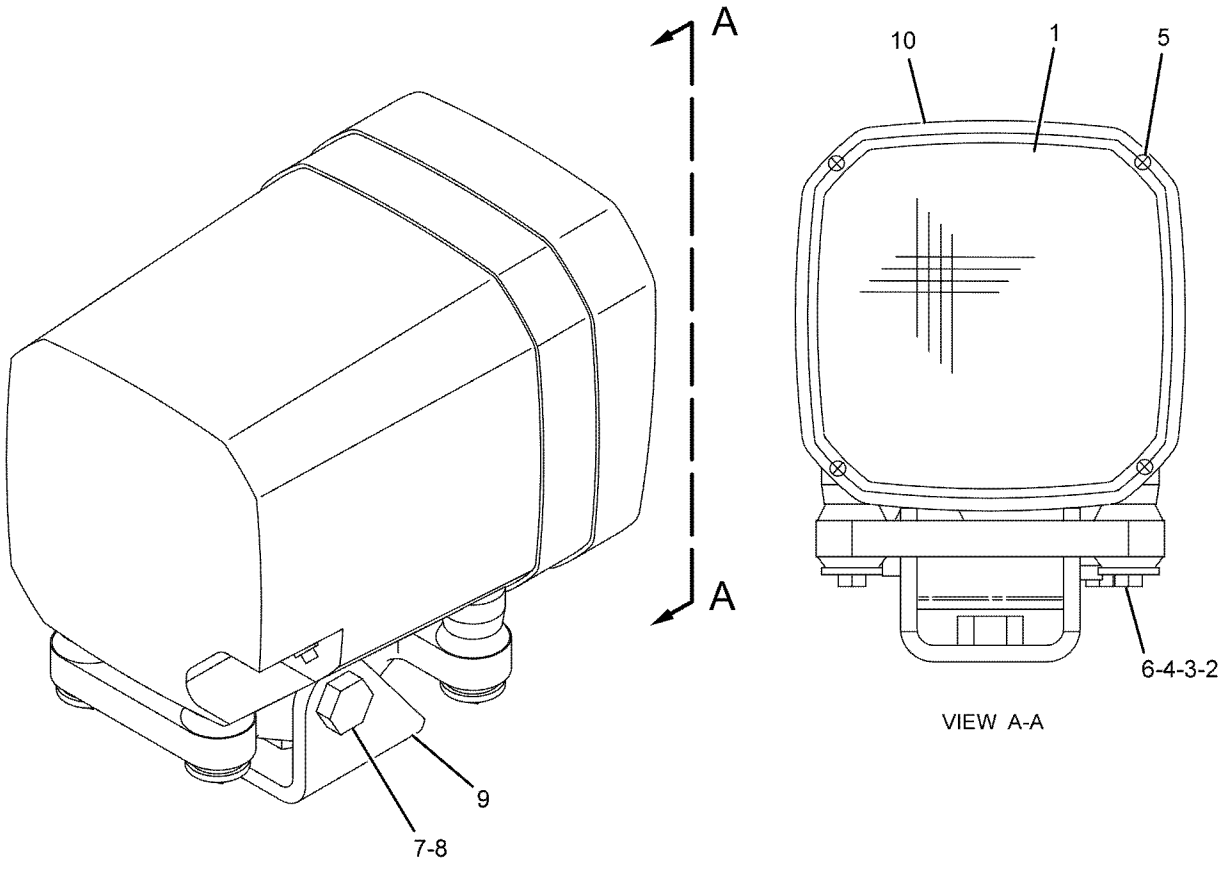
247-0294 LAMP GP-FLOOD—HID

S/N: BTW1-UP
24-VOLT, 70-WATT
PART OF 266-7726 LIGHTING GP-FLOOD

SMCS-1434 **i02047506**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**213-4998**	1	LAMP AS-FLOOD (70-WATT)	
	2	1	**9X-9896**	8	MOUNT (ISOLATION)	
	3	1	**8C-5608**	4	SPACER (6.5X9.5X25.4-MM THK)	
	4	1	**9X-6165**	4	WASHER (6.5X22X2.5-MM THK)	
M	5	1	**120-9027**	4	SCREW-PAN HEAD (M3X0.5X16-MM)	
M	6	1	**7X-2533**	4	BOLT (M6X1X35-MM)	
M	7	1	**8T-6868**	1	BOLT (M12X1.75X80-MM)	
M	8	1	**129-3180**	1	LOCKNUT (M12X1.75-THD)	
	9	1	**215-1933**	1	BRACKET	
	10	1	**246-6720**	1	BEZEL	

M - METRIC PART



GRAPHIC #1 <END> g01052442

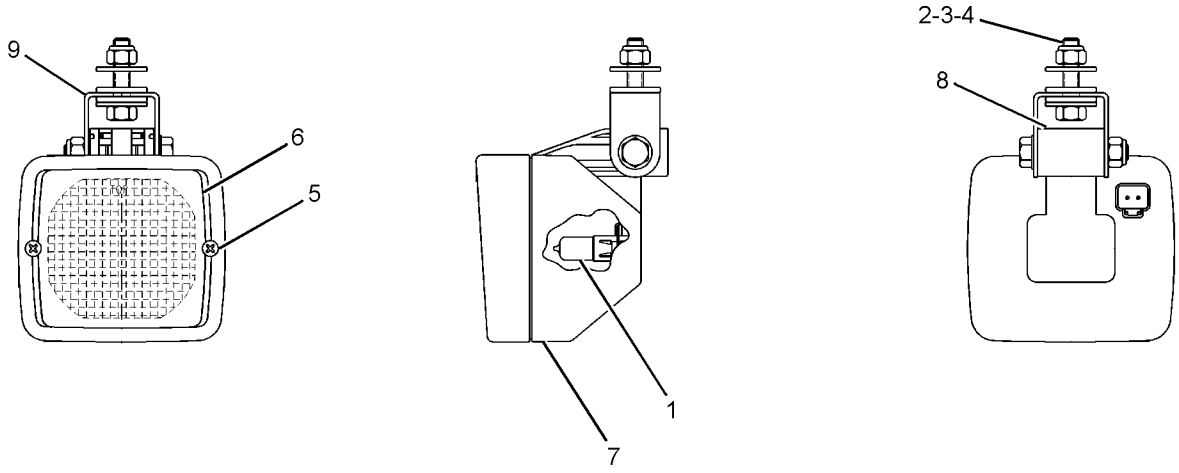
254-8155 LAMP GP-FLOOD

S/N: BTW202-UP
24-VOLT, 70-WATT
FIELD REPLACEMENT ORDER 219-6487—PAGE: 412
PART OF 331-9829 LIGHTING GP-FLOOD

SMCS-1434 **i05819726**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**351-9918**	1	LAMP-HALOGEN (24-VOLT, 70-WATT)	
M	2	1	**8T-4154**	1	BOLT (M8X1.25X35-MM)	
M	3	1	**5C-7261**	1	NUT (M8X1.25-THD)	
	4	1	**8T-4224**	2	WASHER-HARD (8.8X16X2-MM THK)	
M	5	1	**9X-4244**	2	SCREW-SPECIAL (M4X1.79X25-MM)	
	6	1	**202-6614**	1	LENS AS	
	7	1	**175-4292**	1	BODY AS	
	8	1	**164-7556**	1	BRACKET (LAMP RETAINING)	
	9	1	**175-4291**	1	BRACKET AS	

M - METRIC PART



GRAPHIC #1 <END> g01205426

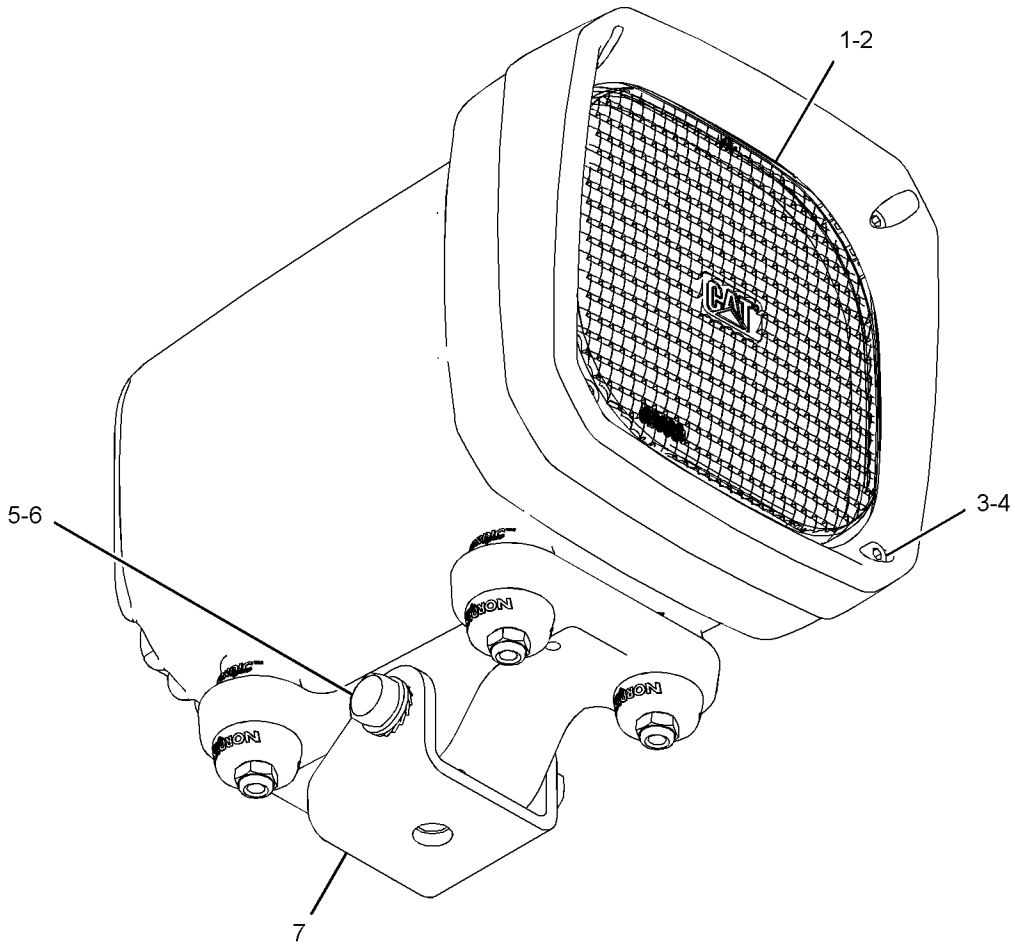
277-0468 LAMP GP-FLOOD–HID

S/N: BTW166-192
24-VOLT, 35-WATT
FIELD REPLACEMENT ORDER 347-9427–PAGE: 417
PART OF 239-5630, 266-7726 LIGHTING GP-FLOOD

SMCS-1434 **i02651173**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**277-3082**	1	LENS AS	
	2	1	**209-6638**	1	LAMP-HALOGEN (12/24-VOLT, 35-WATT)	
M	3	1	**120-9027**	4	SCREW-PAN HEAD (M3X0.5X16-MM)	
	4	1	**229-9974**	1	BEZEL	
M	5	1	**8T-6869**	1	BOLT (M8X1.25X60-MM)	
M	6	1	**6V-9189**	1	LOCKNUT (M8X1.25-THD)	
	7	1	**296-7759**	1	BRACKET AS	

M - METRIC PART



GRAPHIC #1 <END> g01359389

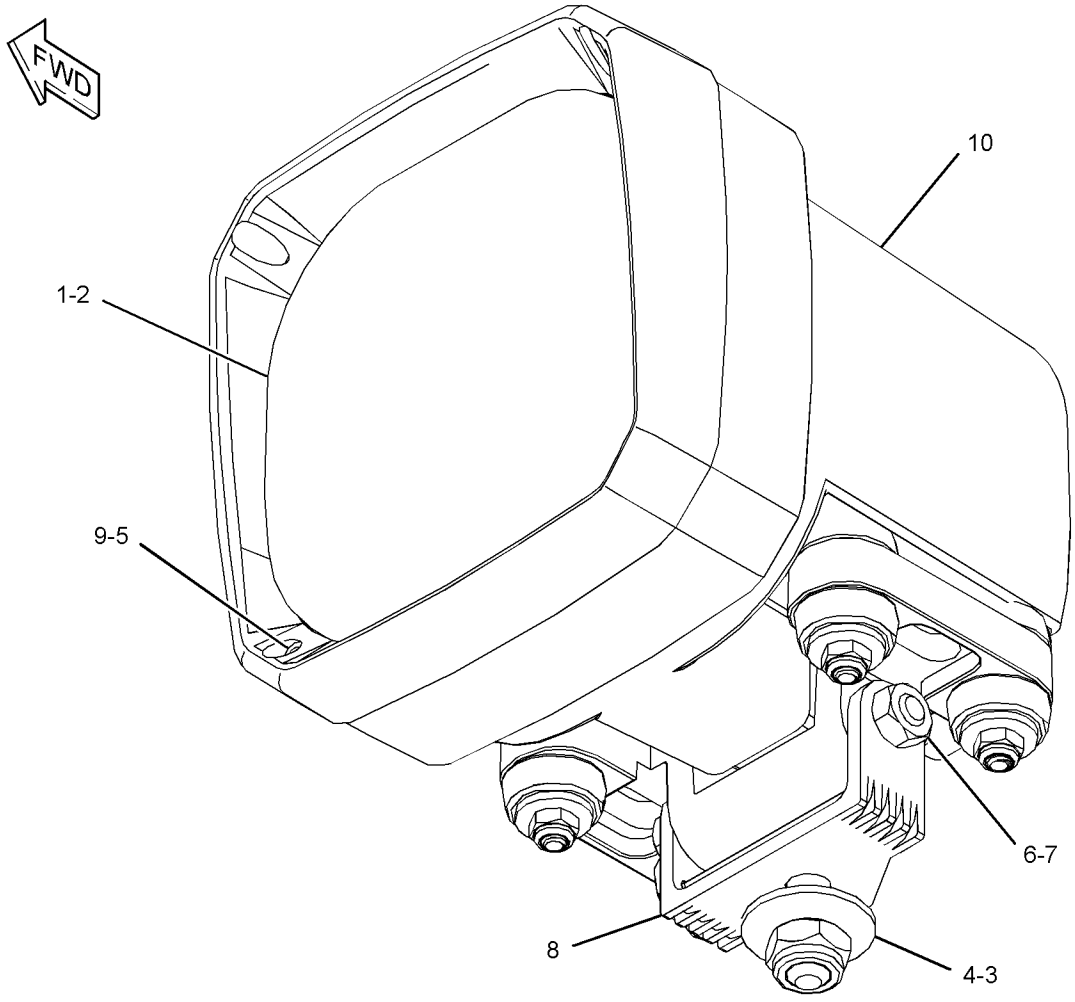
347-9427 LAMP GP-FLOOD–HID*R

S/N: BTW1-240
24-VOLT, 35-WATT
FIELD REPLACEMENT FOR 210-8423–PAGE: 411: FOR 277-0468–PAGE: 416
PART OF 239-5630, 266-7726, 361-6774 LIGHTING GP-FLOOD

SMCS-1434 **i03789474**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**277-3082**	1	LENS AS	
	2	1	**290-8160**	1	LAMP (24-VOLT, HID)	
M	3	1	**8T-4186**	1	BOLT (M10X1.5X40-MM)	
	4	1	**8T-4121**	1	WASHER-HARD (11X21X2.5-MM THK)	
M	5	1	**120-9027**	4	SCREW-PAN HEAD (M3X0.5X16-MM)	
M	6	1	**5P-8347**	2	BOLT (M8X1.25X70-MM)	
M	7	1	**6V-9189**	2	LOCKNUT (M8X1.25-THD)	
	8	1	**290-8996**	1	BRACKET	
	9	1	**229-9974**	1	BEZEL	
	10	1	**319-7384**	1	BALLAST AS (24-VOLT, 35-WATT, HID)	

M - METRIC PART



GRAPHIC #1 <END> g02059593

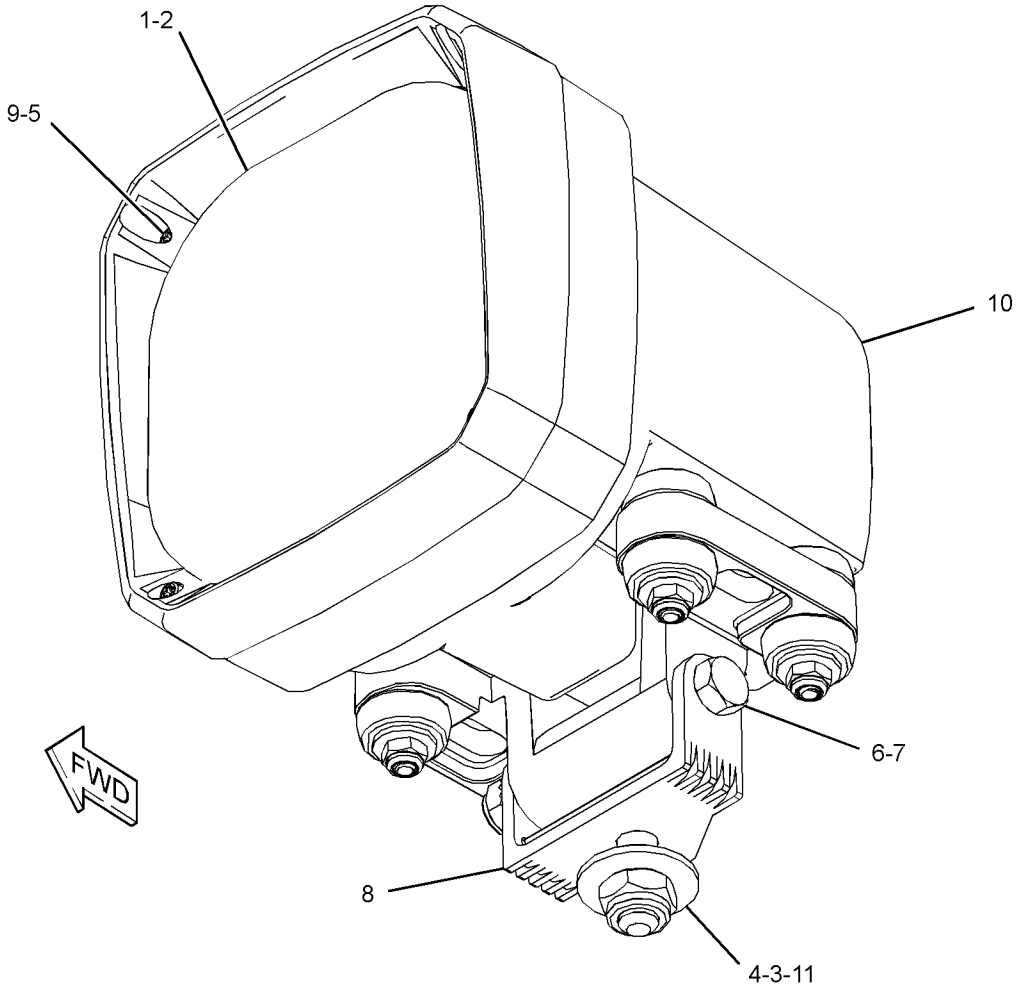
347-9427 LAMP GP-FLOOD–HID*R

S/N: BTW241-UP
24-VOLT, 35-WATT
FIELD REPLACEMENT FOR 210-8423–PAGE: 411: FOR 277-0468–PAGE: 416
PART OF 266-7726, 361-6774 LIGHTING GP-FLOOD

SMCS-1434 **i06616177**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	**360-0187**	1	LENS AS	
	2	1	**290-8160**	1	LAMP (24-VOLT, HID)	
CM	3	1	**8T-4195**	1	BOLT (M10X1.5X30-MM)	
	4	1	**8T-4121**	1	WASHER-HARD (11X21X2.5-MM THK)	
C	5	1	**228-6056**	4	SCREW (4-32X1.26-IN)	
CM	6	1	**6V-9804**	1	BOLT (M8X1.25X75-MM)	
CM	7	1	**6V-9189**	1	LOCKNUT (M8X1.25-THD)	
C	8	1	**364-2657**	1	BRACKET-HOUSING	
	9	1	**229-9974**	1	BEZEL	
	10	1	**319-7384**	1	BALLAST AS (24-VOLT, 35-WATT, HID)	
M	11	1	**8T-0389**	1	LOCKNUT (M10X1.5-THD)	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART



GRAPHIC #1 <END> g03102496

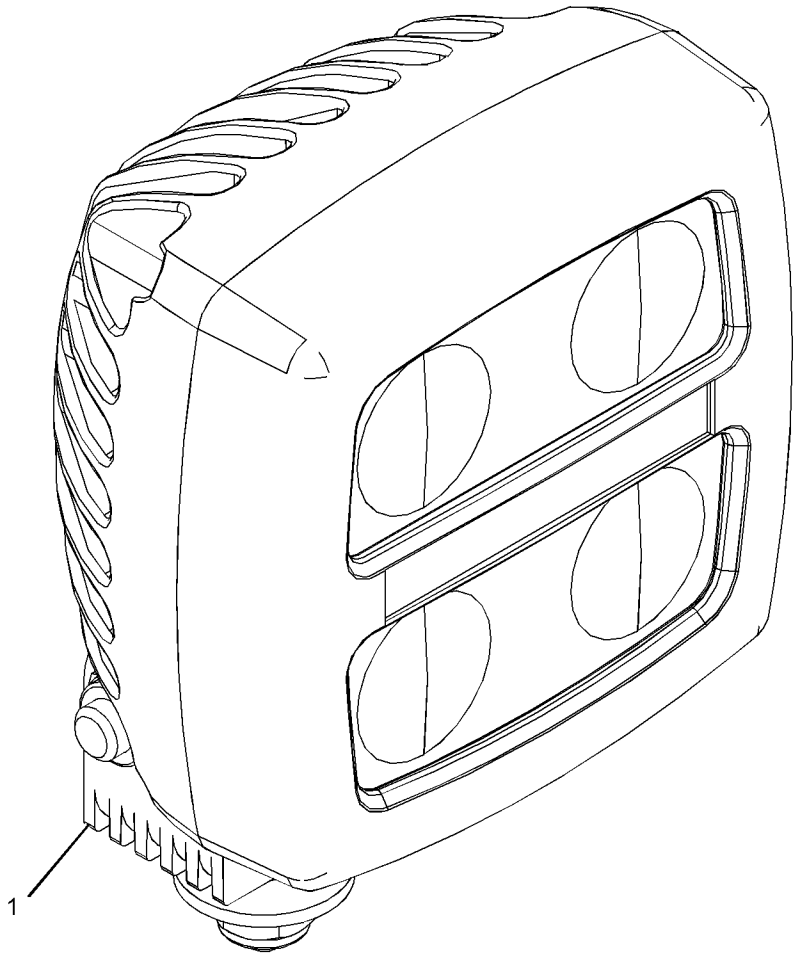
386-1722 LAMP GP-FLOOD–LED

S/N: BTW1-UP

9-VOLT TO 32-VOLT

SMCS-1434 **i06649629**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**389-0447**	1	BRACKET AS	



GRAPHIC #1 <END> g03355689

417-0977 LAMP GP-FLOOD

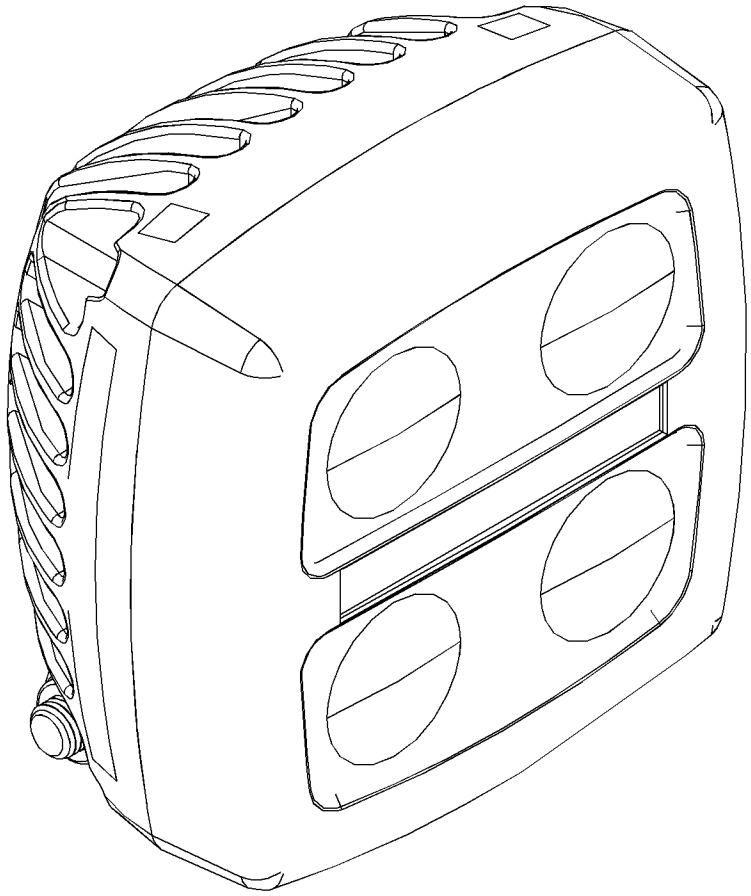
S/N: BTW1-UP

9-VOLT TO 34-VOLT

SMCS-1434 **i06711401**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE

(NO SERVICED PARTS)



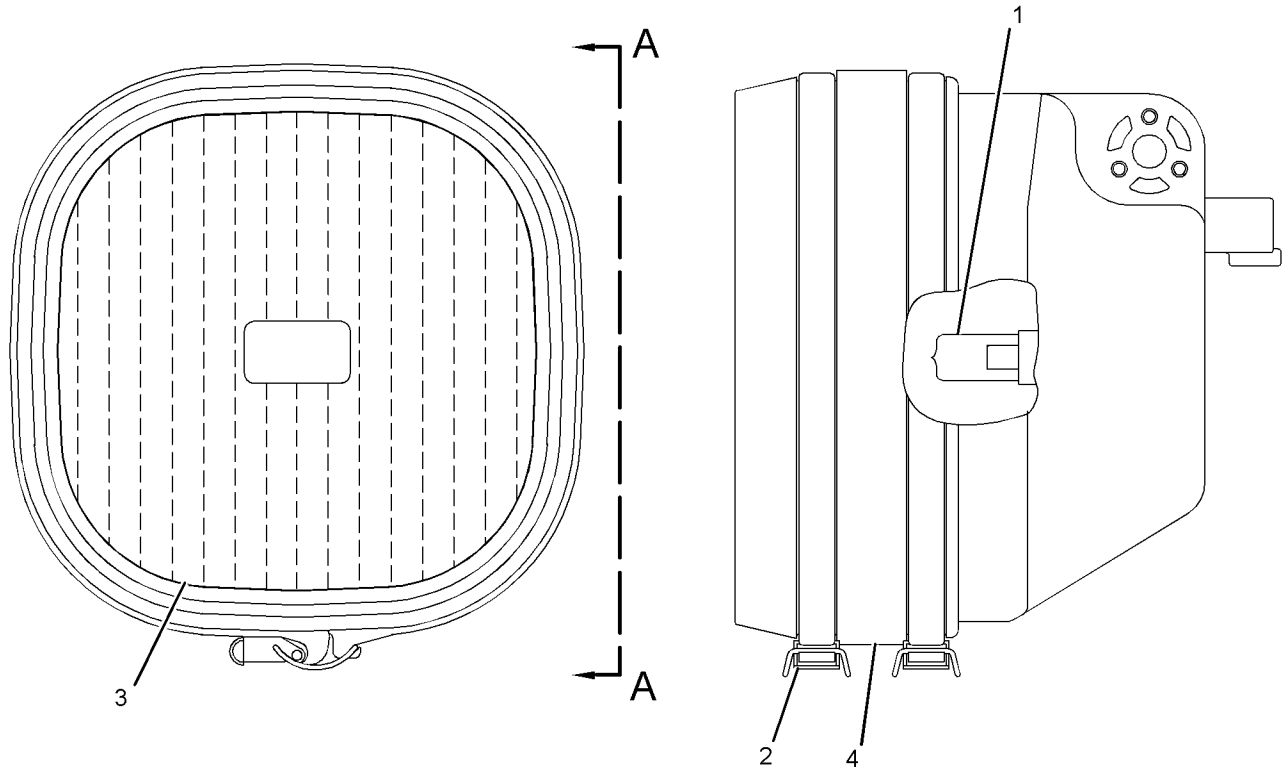
GRAPHIC #1 <END> g03355694

157-0305 LAMP GP-HEAD

S/N: BTW1-UP
24-VOLT, HIGH BEAM
PART OF 271-9379 LIGHTING GP-FLOOD

SMCS-1429 **i05957560**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**351-9918**	1	LAMP-HALOGEN (24-VOLT, 70-WATT) (HIGH BEAM)	
	2	1	**188-8849**	2	CLAMP	
	3	1	**375-0354**	1	LENS AS (HIGH BEAM)	
	4	1	**158-0252**	1	BEZEL	
					PARTS SHOWN IN GRAPHIC(S) WITHOUT A REFERENCE NUMBER ARE NOT SERVICED SEPARATELY	



VIEW A-A

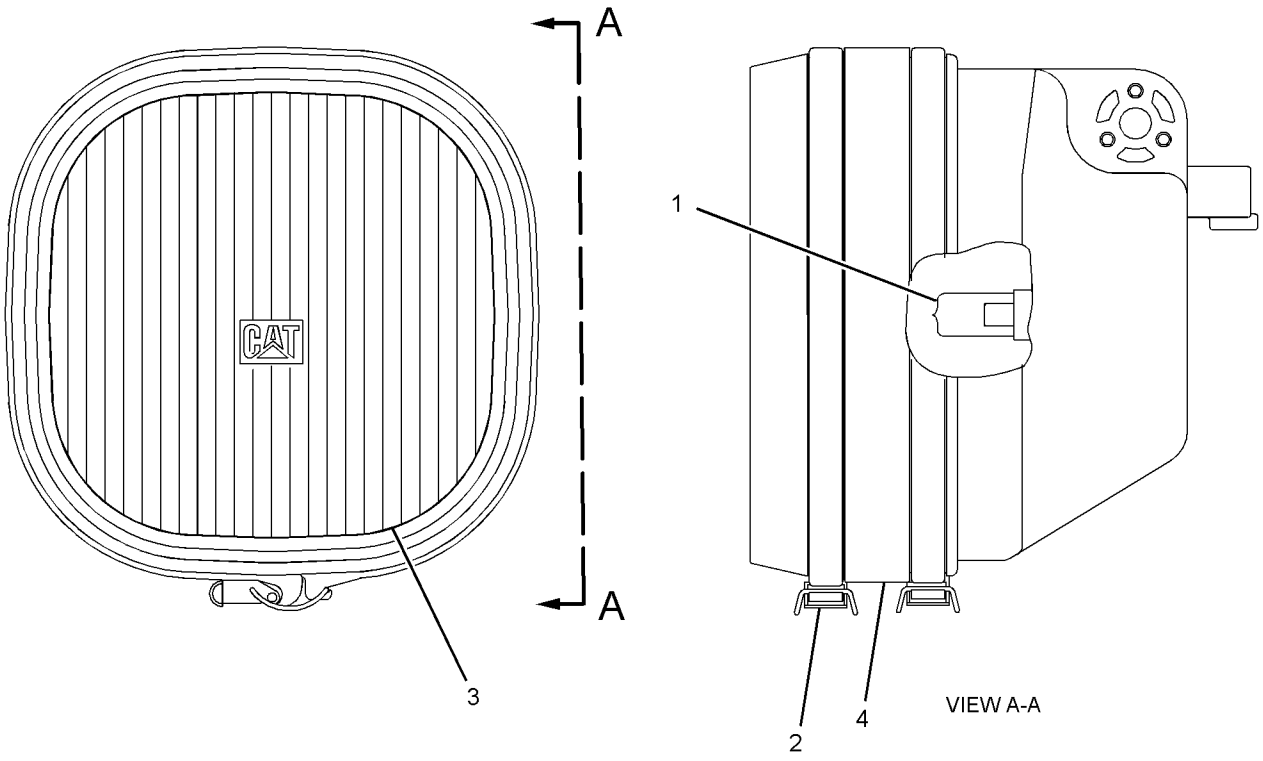
GRAPHIC #1 <END> g03738385

161-0908 LAMP GP-HEAD–LOW BEAM

S/N: BTW1-UP
24-VOLT, LOW BEAM
PART OF 176-4161 LIGHTING GP-AUXILIARY

SMCS-1429 **i06812637**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**351-9918**	1	LAMP-HALOGEN (24-VOLT, 70-WATT)	
	2	1	**188-8849**	2	CLAMP	
	3	1	**375-0355**	1	LENS AS (HEADLIGHT, LOW BEAM)	
	4	1	**158-0252**	1	BEZEL	



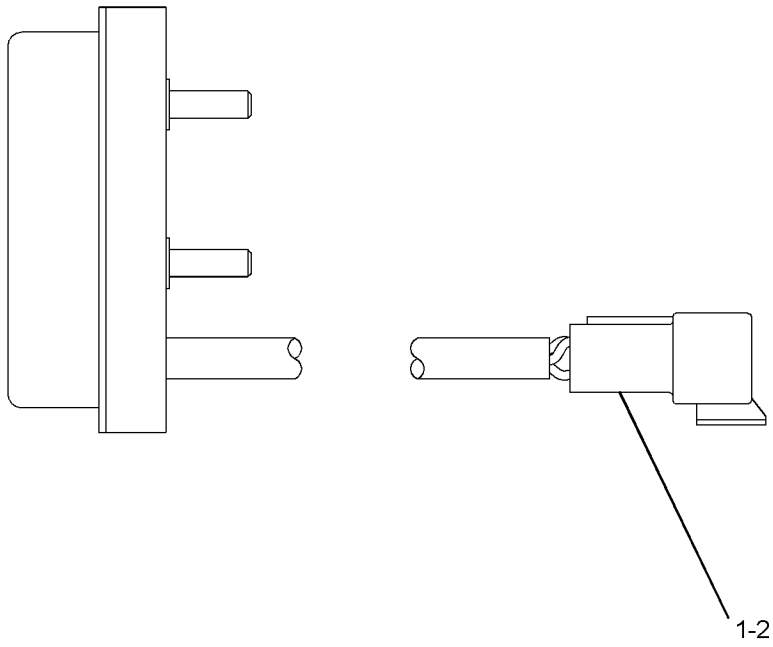
GRAPHIC #1 <END> g03724070

135-0426 LAMP GP-SIGNAL–STOP, TAIL

S/N: BTW1-226
24-VOLT, LED
FIELD REPLACEMENT ORDER 334-8049–PAGE: 424
PART OF 8R-5645 LIGHTING GP-STOP, 224-9280 LIGHTING GP-STOP & TAIL

SMCS-1430 **i05160972**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	2	1	**8T-8729**	3	PIN-CONNECTOR (16-GA TO 18-GA)	



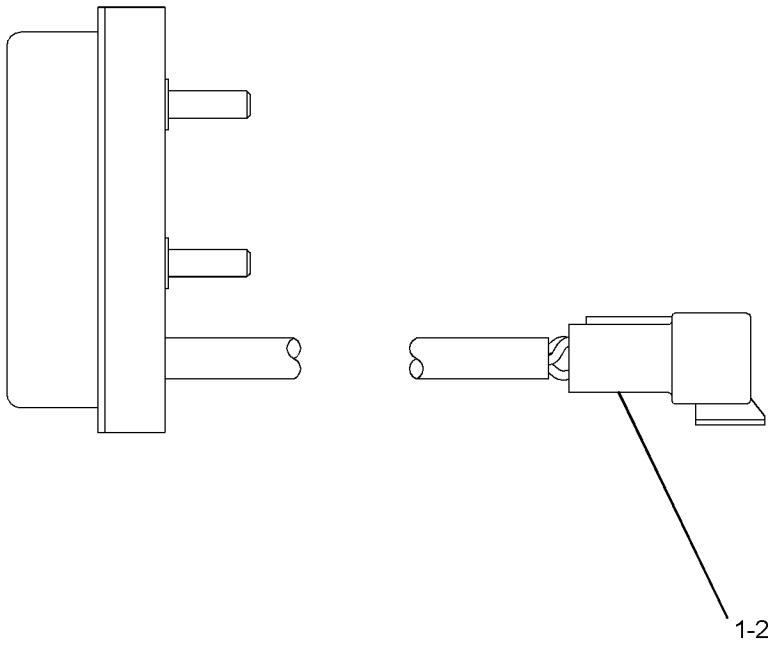
GRAPHIC #1 <END> g01213248

334-8049 LAMP GP-SIGNAL–STOP, TAIL

S/N: BTW227-UP
24-VOLT, LED
FIELD REPLACEMENT FOR 135-0426–PAGE: 423
PART OF 8R-5645 LIGHTING GP-STOP, 224-9280 LIGHTING GP-STOP & TAIL

SMCS-1430 **i05147591**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	2	1	**8T-8729**	3	PIN-CONNECTOR (16-GA TO 18-GA)	



GRAPHIC #1 <END> g01213248

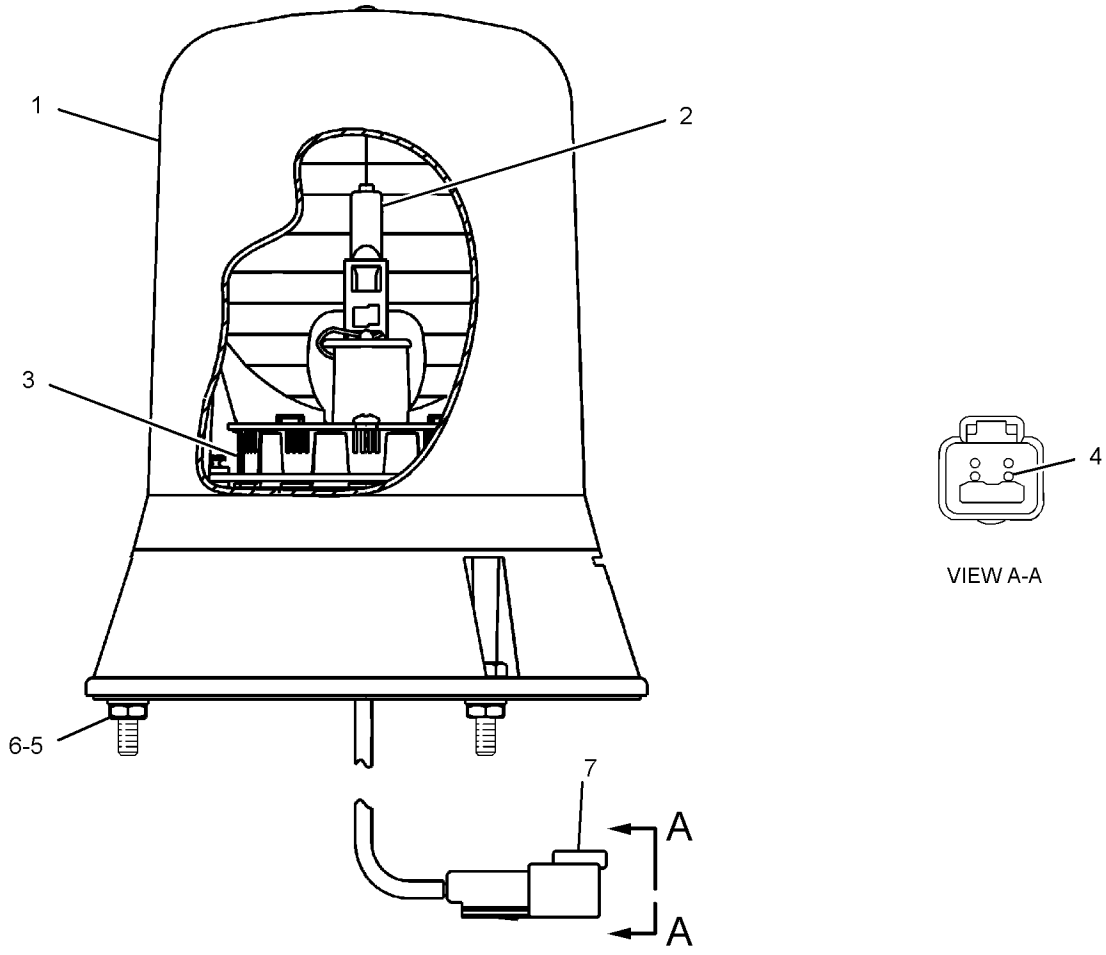
235-3937 LAMP GP-WARNING BEACON—ROTATING

S/N: BTW1-255
24-VOLT, 70-WATT, AMBER
FIELD REPLACEMENT ORDER 284-3757—PAGE: 426
PART OF 236-5694 LIGHTING GP-WARNING BEACON

SMCS-1431 **i04182750**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**272-9800**	1	LENS (AMBER)	
	2	1	**9X-7849**	1	LAMP (24-VOLT, 70-WATT)	
	3	1	**9X-8139**	1	BELT-DRIVE (WARNING BEACON)	
	4	1	**186-3735**	2	PIN-CONNECTOR (16-GA TO 18-GA)	
M	5	1	**6V-8225**	3	NUT (M6X1-THD)	
	6	1	**5P-0537**	3	WASHER-HARD (7.2X14.5X2-MM THK)	
	7	1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	

M - METRIC PART



GRAPHIC #1 <END> g02374556

284-3757 LAMP GP-WARNING BEACON—AMBER, STROBE

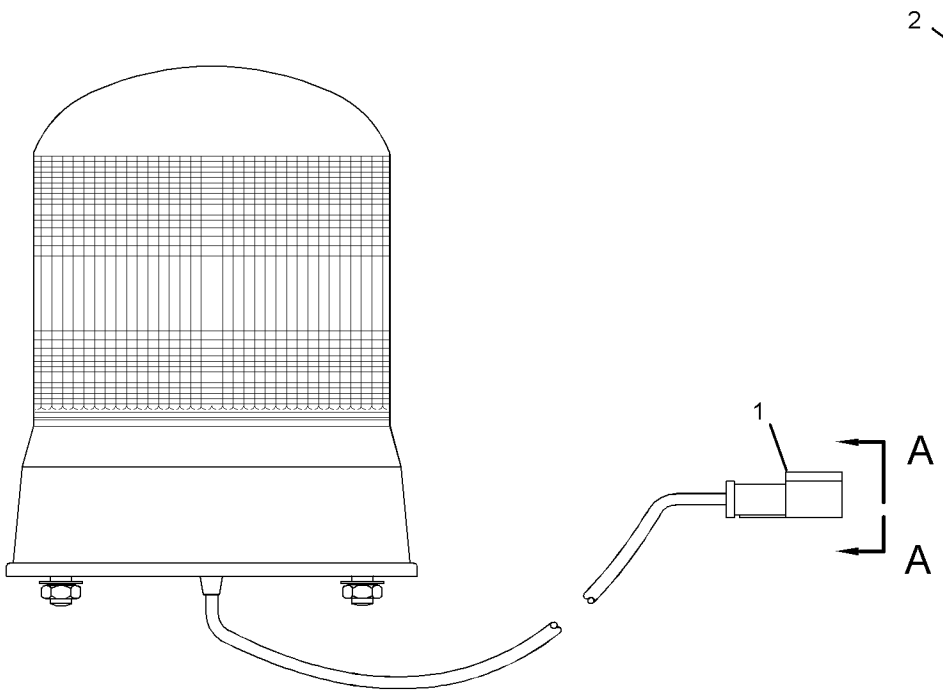
S/N: BTW1-UP

12-VOLT, 24-VOLT. 2 FLASH STROBE

FIELD REPLACEMENT FOR 235-3937—PAGE: 425

SMCS-1431 **i02733504**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	2	1	**186-3735**	2	PIN-CONNECTOR (16-GA TO 18-GA)	



GRAPHIC #1 <END> g01373385

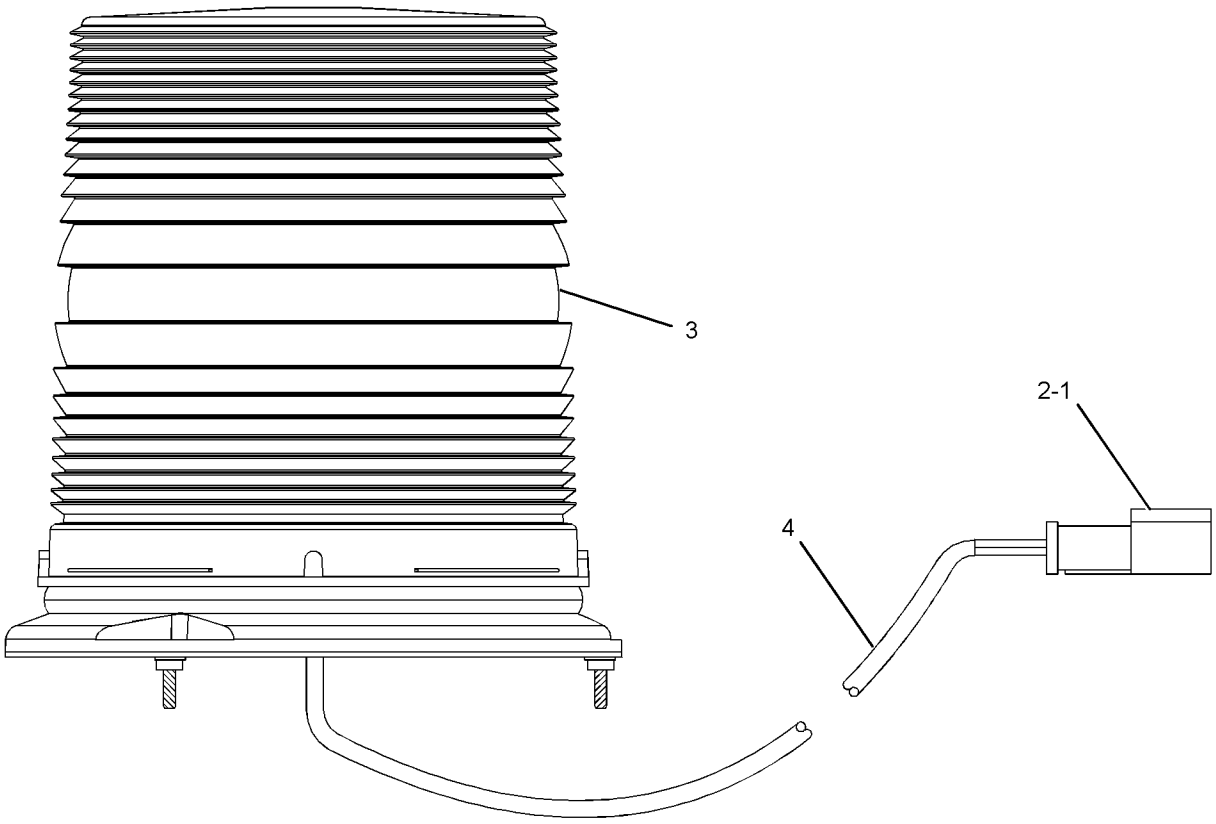
338-1132 LAMP GP-WARNING BEACON–STROBE

S/N: BTW256-UP
12-VOLT, 24-VOLT, LED
PART OF 236-5694 LIGHTING GP-WARNING BEACON

SMCS-1431 **i06616689**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	2	1	**8T-8729**	2	PIN-CONNECTOR (16-GA TO 18-GA)	
	3	1	**356-7515**	1	LENS (AMBER)	
					–OR–	
		1	**421-5583**	1	LENS (RED)	
					–OR–	
		1	**421-5584**	1	LENS (CLEAR)	
					–OR–	
		1	**421-5585**	1	LENS (GREEN)	
E	4	1	**9X-1386**		SLEEVE (44-CM)	

E - ORDER BY THE CENTIMETER



GRAPHIC #1 <END> g02193876

234-7870 LIGHTING AR-STOP & FLOOD

S/N: BTW1-UP
CANNOT BE USED WITH 234-7875 LIGHTING AR-STOP & FLOOD
PART OF 353-4013 OPTION AR-CAB

SMCS-1432, 1434 **i05422718**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*266-7726*	1	LIGHTING GP-FLOOD (HID, ROPS, FRONT)	450
Y	*235-0380*	1	LIGHTING GP-FLOOD (FRONT)	440
			—OR—	
Y	*361-2674*	1	LIGHTING GP-FLOOD (FRONT)	458
Y	*271-9379*	1	LIGHTING GP-FLOOD (ROPS, FRONT, REAR)	454
			—OR—	
Y	*361-6772*	1	LIGHTING GP-FLOOD (ROPS, FRONT, REAR)	460
Y	*239-5630*	1	LIGHTING GP-FLOOD (REAR)	444
			—OR—	
Y	*361-6774*	1	LIGHTING GP-FLOOD	463
Y	*224-9280*	1	LIGHTING GP-STOP & TAIL (HID, RADIATOR GUARD)	467
Y	*322-0333*	1	SWITCH GP-ROCKER (FLOODLIGHTS, FRONT)	536
			S/N: BTW181-UP	
	229-2106	1	SWITCH GP-ROCKER (FLOODLIGHTS, FRONT)	
			S/N: BTW1-180	
	223-8975	1	SWITCH AS-ROCKER (24-VOLT) (FLOODLIGHTS, FRONT)	

Y - SEPARATE ILLUSTRATION

<END>

234-7875 LIGHTING AR-STOP & FLOOD

S/N: BTW1-UP
PART OF 230-3276 ELECTRICAL AR

SMCS-1432, 1434 **i04591175**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*271-9379*	1	LIGHTING GP-FLOOD (ROPS, FRONT, REAR)	454
			S/N: BTW1-201	
Y	*361-6772*	1	LIGHTING GP-FLOOD (ROPS, FRONT, REAR)	460
			S/N: BTW202-UP	
Y	*234-7871*	1	LIGHTING GP-FLOOD (REAR)	432
			S/N: BTW1-201	
Y	*361-6773*	1	LIGHTING GP-FLOOD (REAR)	461
			S/N: BTW202-UP	
Y	*235-0380*	1	LIGHTING GP-FLOOD (FRONT)	440
			S/N: BTW1-201	
Y	*361-2674*	1	LIGHTING GP-FLOOD (FRONT)	458
			S/N: BTW202-UP	
Y	*8R-5645*	1	LIGHTING GP-STOP (REAR)	465

Y - SEPARATE ILLUSTRATION

<END>

240-7880 LIGHTING AR-WARNING BEACON

S/N: BTW1-UP

PART OF 353-4324, 430-5429 OPTION AR-ROADING

SMCS-1431 **i02351118**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*236-5694*	1	LIGHTING GP-WARNING BEACON	471
	228-9625	1	SWITCH GP-ROCKER (WARNING BEACON)	
	219-9522	1	SWITCH AS-ROCKER (WARNING BEACON)	

Y - SEPARATE ILLUSTRATION

<END>

176-4161 LIGHTING GP-AUXILIARY—FRONT, INSIDE POSITION

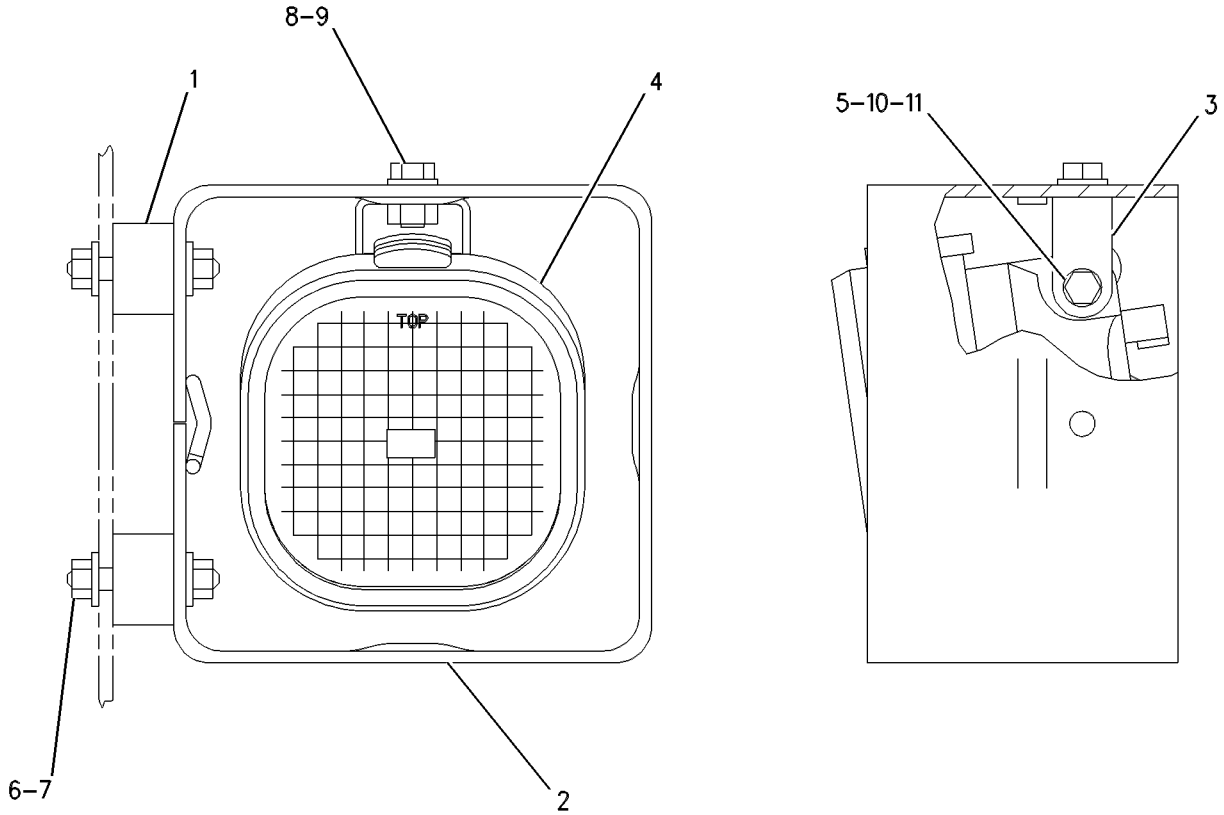
S/N: BTW1-UP

PART OF 235-0380 LIGHTING GP-FLOOD

SMCS-1429 **i02106536**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9W-4361**	4	MOUNT-FLEXIBLE	
	2	1	**114-2368**	1	GUARD AS	
		1	**7T-1099**	1	LINK	
	3	1	**140-1088**	1	BRACKET AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
Y	4	1	**161-0908**	1	LAMP GP-HEAD (24-VOLT)	422
M	5	1	**5C-7261**	1	NUT (M8X1.25-THD)	
	6	1	**5P-1075**	8	WASHER-HARD (10.2X22.5X3-MM THK)	
	7	1	**6V-8801**	8	NUT (3/8-16-THD)	
	8	1	**8T-4121**	1	WASHER-HARD (11X21X2.5-MM THK)	
M	9	1	**8T-4137**	1	BOLT (M10X1.5X20-MM)	
	10	1	**8T-4224**	2	WASHER-HARD (8.8X16X2-MM THK)	
M	11	1	**8T-6869**	1	BOLT (M8X1.25X60-MM)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION



LEFT HAND MOUNT SHOWN

GRAPHIC #1 <END> g00608921

176-5480 LIGHTING GP-AUXILIARY–2-LAMP, FRONT, OUTSIDE POSITION

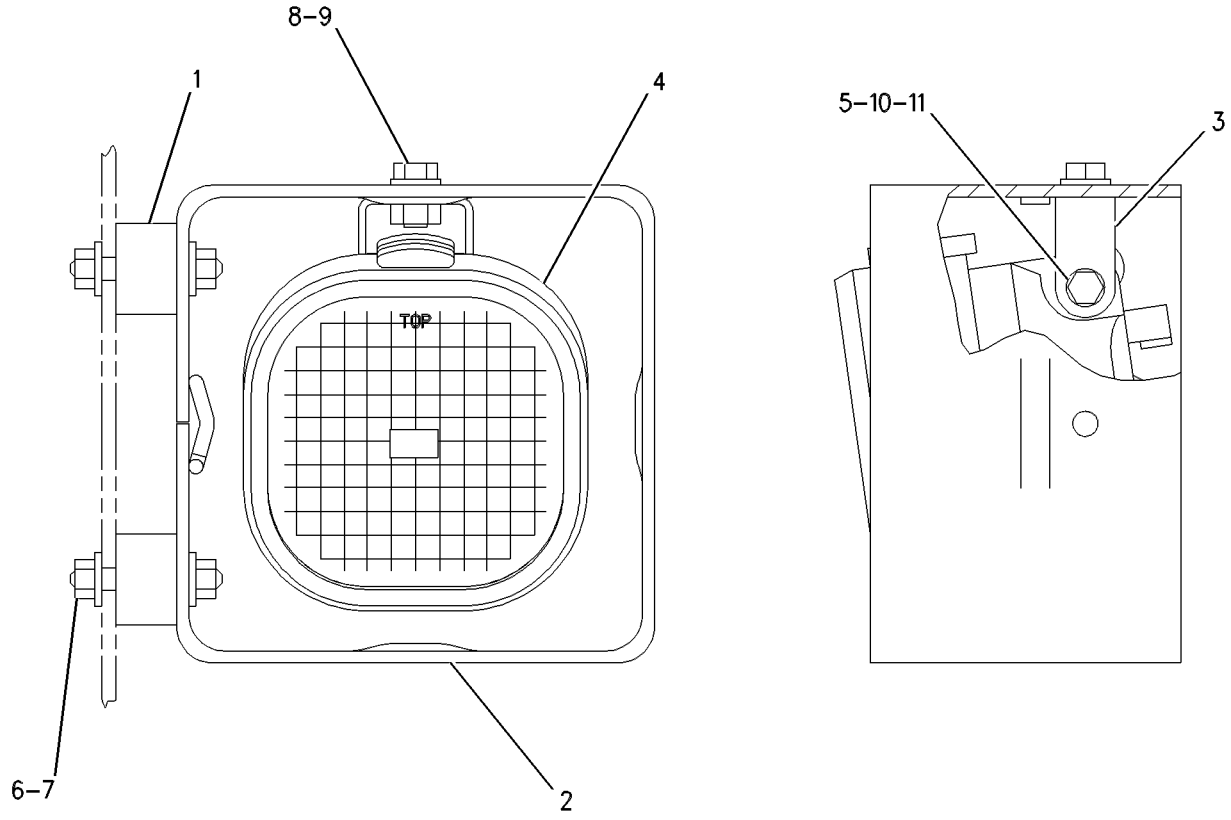
S/N: BTW1-UP

PART OF 235-0380 LIGHTING GP-FLOOD

SMCS-1429 **i01147407**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9W-4361**	4	MOUNT-FLEXIBLE	
	2	1	**114-2368**	1	GUARD AS	
		1	**7T-1099**	1	LINK	
	3	1	**140-1088**	1	BRACKET AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
Y	4	1	**147-0319**	1	LAMP GP-FLOOD (24-VOLT, 70-WATT)	409
M	5	1	**5C-7261**	1	NUT (M8X1.25-THD)	
	6	1	**5P-1075**	8	WASHER-HARD (10.2X22.5X3-MM THK)	
	7	1	**6V-8801**	8	NUT (3/8-16-THD)	
	8	1	**8T-4121**	1	WASHER-HARD (11X21X2.5-MM THK)	
M	9	1	**8T-4137**	1	BOLT (M10X1.5X20-MM)	
	10	1	**8T-4224**	2	WASHER-HARD (8.8X16X2-MM THK)	
M	11	1	**8T-6869**	1	BOLT (M8X1.25X60-MM)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION



LEFT HAND MOUNT SHOWN

GRAPHIC #1 <END> g00608904

234-7871 LIGHTING GP-FLOOD—4-LAMP, REAR

S/N: BTW1-165

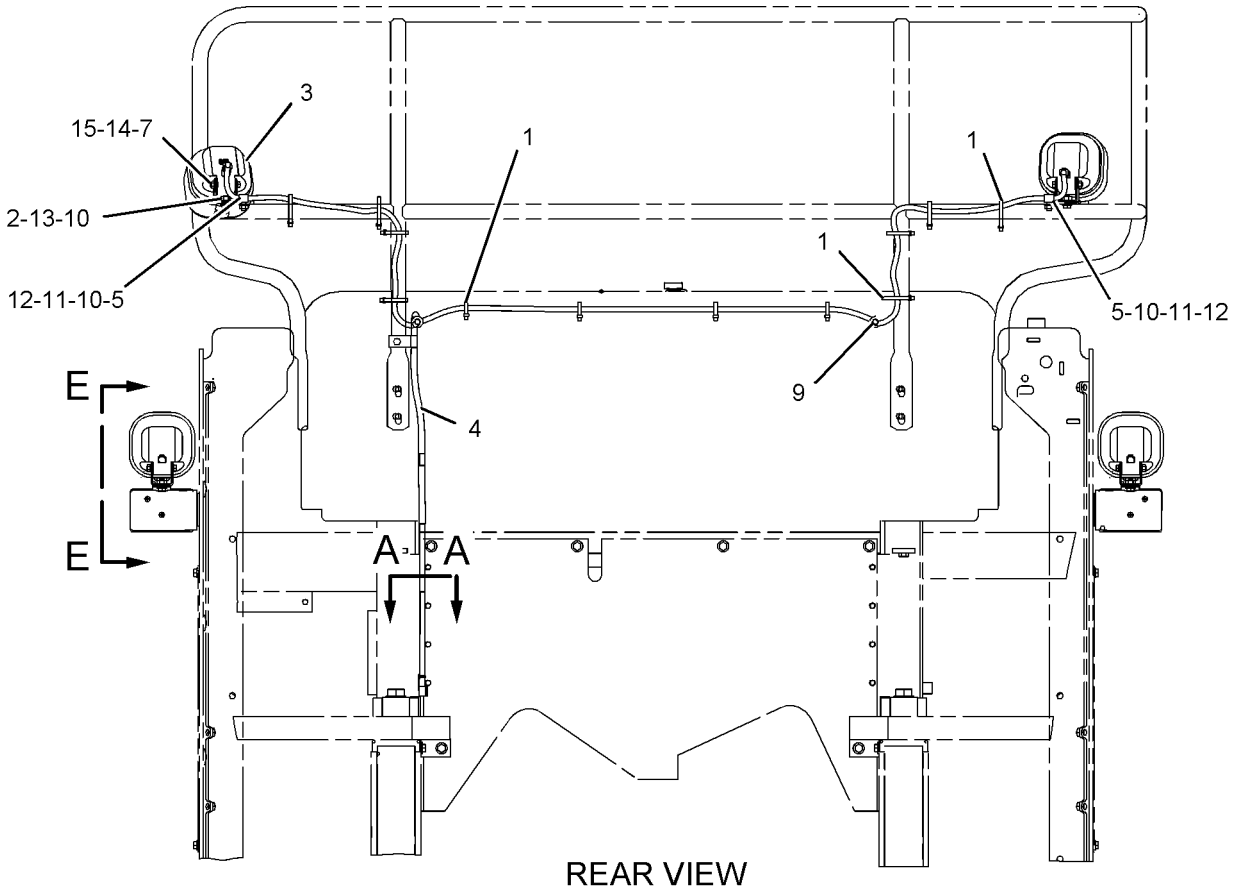
PART OF 234-7875 LIGHTING AR-STOP & FLOOD

SMCS-1434 **i02318845**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9X-6772**	12	STRAP-CABLE	
	2	1,3	**140-1088**	4	BRACKET AS	
M		1,3	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
		1,3	**115-0617**	1	BRACKET	
Y	3	1,3	**153-2073**	4	LAMP GP-FLOOD (24-VOLT)	410
	4	1	**234-5928**	1	HARNESS AS-LIGHTING	
		1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE & WEDGE)	
		1	**155-2270**	2	KIT-CONNECTING PLUG (2-PIN)	
					(INCLUDES PLUG & WEDGE)	
	5	1	**033-8248**	2	CLIP	
	6	2	**130-5300**	1	CLIP	
M	7	1,3	**5C-7261**	4	NUT (M8X1.25-THD)	
	8	2	**6V-3265**	2	CLIP	
	9	1	**8K-1433**	2	GROMMET	
	10	1,3	**8T-4121**	8	WASHER-HARD (11X21X2.5-MM THK)	
M	11	1	**8T-4133**	2	NUT (M10X1.5-THD)	
M	12	1	**8T-4136**	2	BOLT (M10X1.5X25-MM)	
M	13	1,3	**8T-4137**	4	BOLT (M10X1.5X20-MM)	
	14	1,3	**8T-4224**	8	WASHER-HARD (8.8X16X2-MM THK)	
M	15	1,3	**8T-6869**	4	BOLT (M8X1.25X60-MM)	

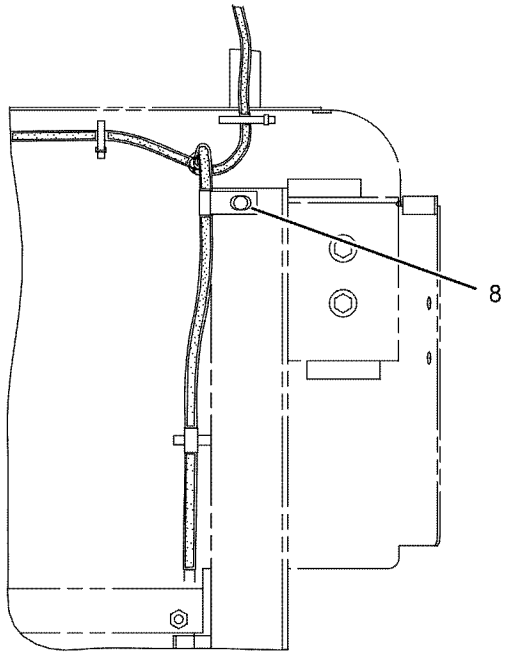
M - METRIC PART
Y - SEPARATE ILLUSTRATION

234-7871 **LIGHTING GP-FLOOD (**contd.**)** **i02318845**

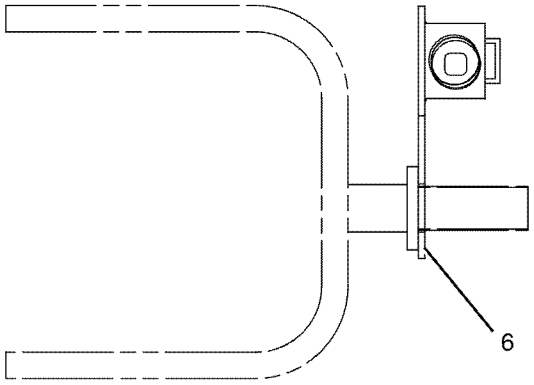


GRAPHIC #1 g01046688

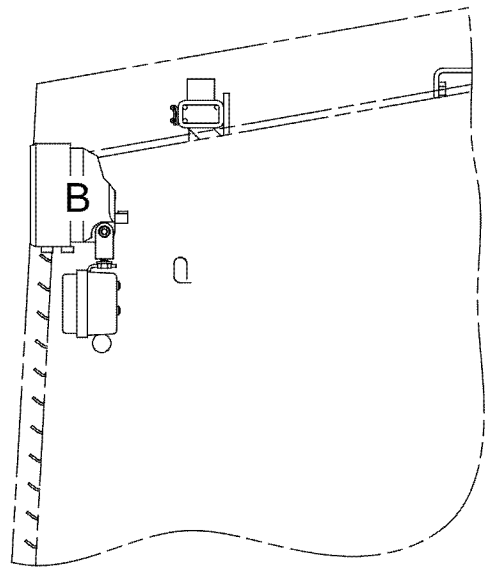
234-7871 **LIGHTING GP-FLOOD (**contd.**)** **i02318845**



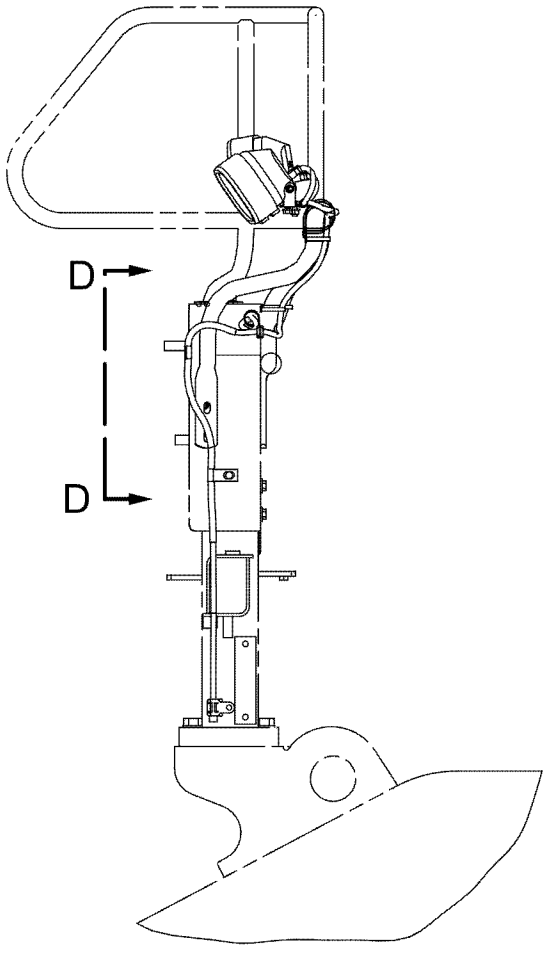
VIEW D-D



SECTION A-A



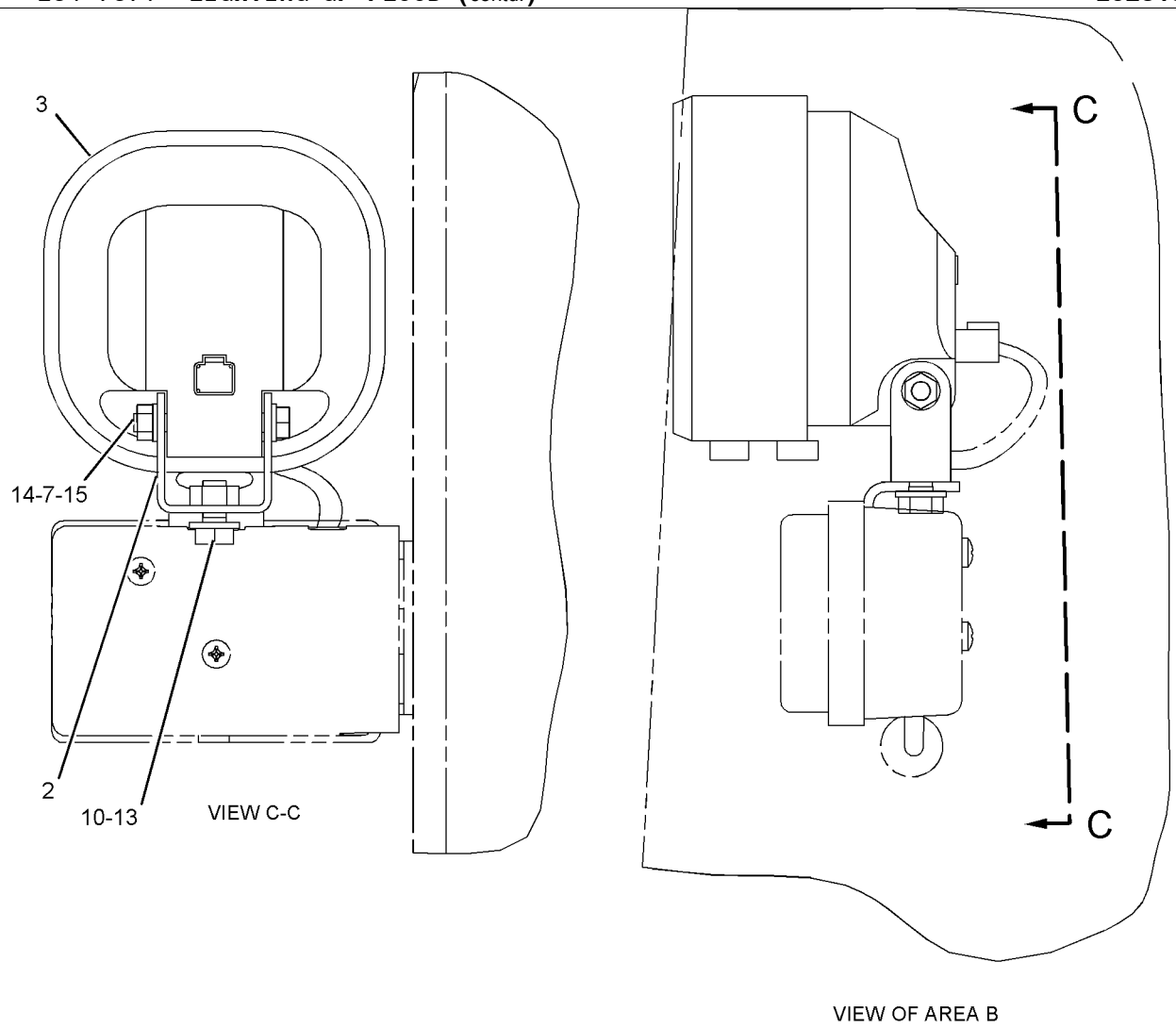
VIEW E-E



LEFT SIDE VIEW

GRAPHIC #2 g01046698

234-7871 **LIGHTING GP-FLOOD (**contd.**)** **i02318845**



GRAPHIC #3 <END> g01046699

234-7871 LIGHTING GP-FLOOD—4-LAMP, REAR

S/N: BTW166-201

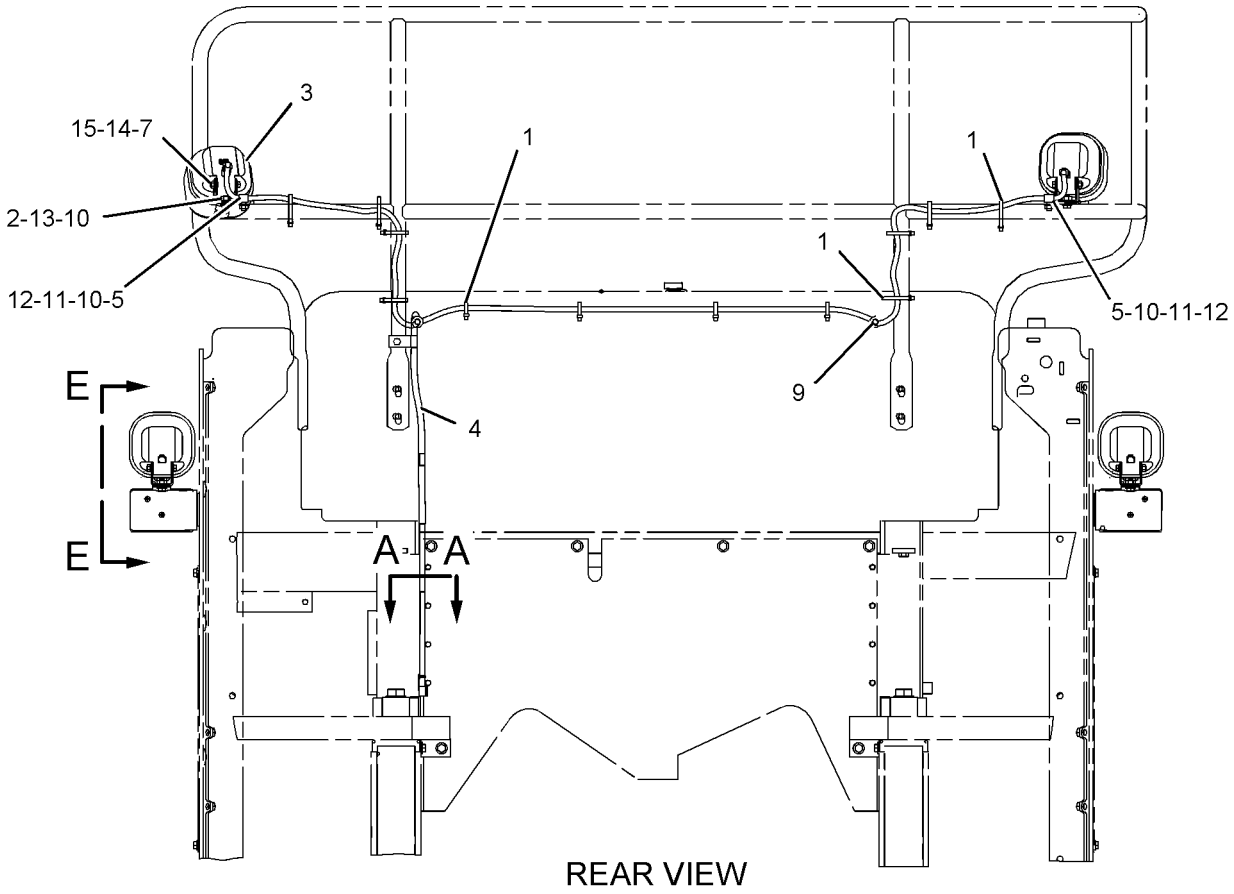
PART OF 234-7875 LIGHTING AR-STOP & FLOOD

SMCS-1434 **i02732045**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9X-6772**	12	STRAP-CABLE	
	2	1,3	**140-1088**	4	BRACKET AS	
M		1,3	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
		1,3	**115-0617**	1	BRACKET	
Y	3	1,3	**153-2073**	4	LAMP GP-FLOOD (24-VOLT)	410
C	4	1	**301-2935**	1	HARNESS AS-LIGHTING	
E		1	**114-8843**		SLEEVE-PLASTIC (60-CM)	
E		1	**125-7875**		TUBE-HEAT SHRINK (7.44-MM DIA) (10-CM)	
		1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	**155-2270**	1	KIT-CONNECTING PLUG (2-PIN)	
					(INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
	5	1	**033-8248**	2	CLIP	
	6	2	**130-5300**	1	CLIP	
M	7	1,3	**5C-7261**	4	NUT (M8X1.25-THD)	
	8	2	**6V-3265**	2	CLIP	
	9	1	**8K-1433**	2	GROMMET	
	10	1,3	**8T-4121**	8	WASHER-HARD (11X21X2.5-MM THK)	
M	11	1	**8T-4133**	2	NUT (M10X1.5-THD)	
M	12	1	**8T-4136**	2	BOLT (M10X1.5X25-MM)	
M	13	1,3	**8T-4137**	4	BOLT (M10X1.5X20-MM)	
	14	1,3	**8T-4224**	8	WASHER-HARD (8.8X16X2-MM THK)	
M	15	1,3	**8T-6869**	4	BOLT (M8X1.25X60-MM)	

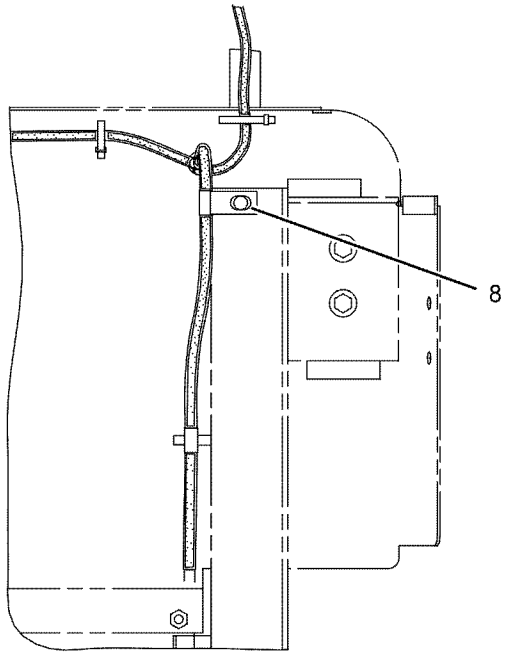
C - CHANGE FROM PREVIOUS TYPE
E - ORDER BY THE CENTIMETER
M - METRIC PART
Y - SEPARATE ILLUSTRATION

234-7871 **LIGHTING GP-FLOOD (**contd.**)** **i02732045**

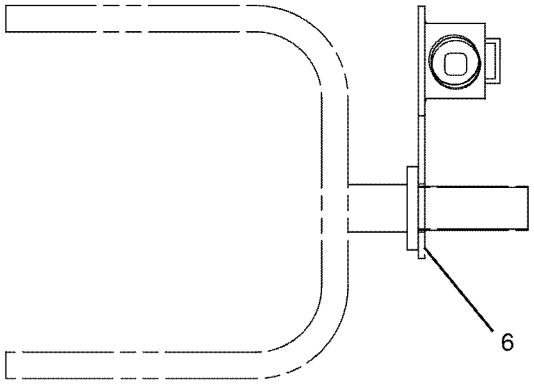


GRAPHIC #1 g01046688

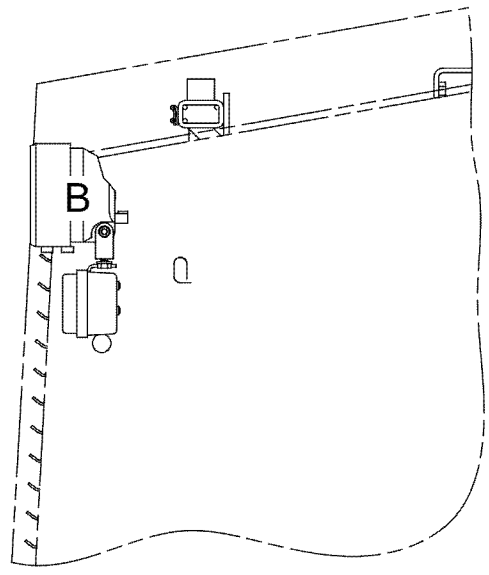
234-7871 **LIGHTING GP-FLOOD (**contd.**)** **i02732045**



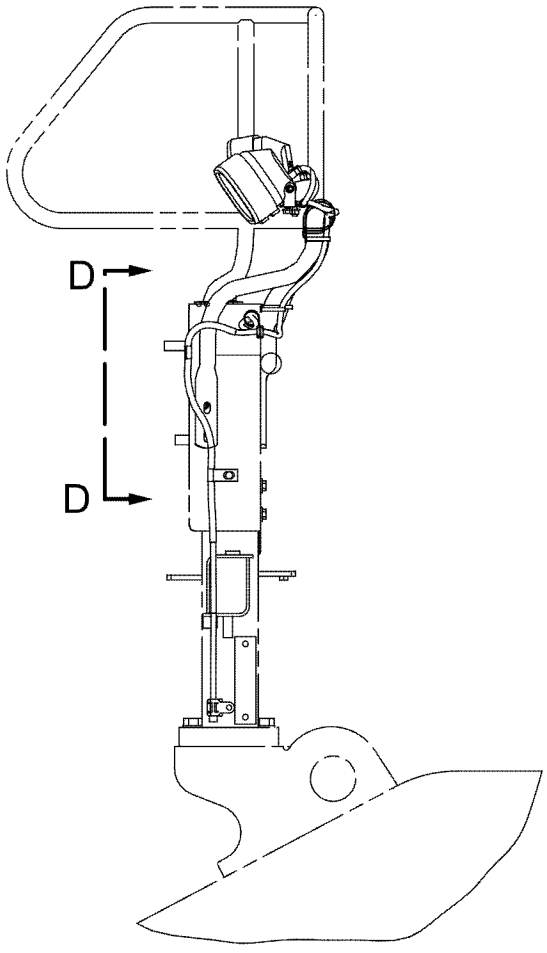
VIEW D-D



SECTION A-A



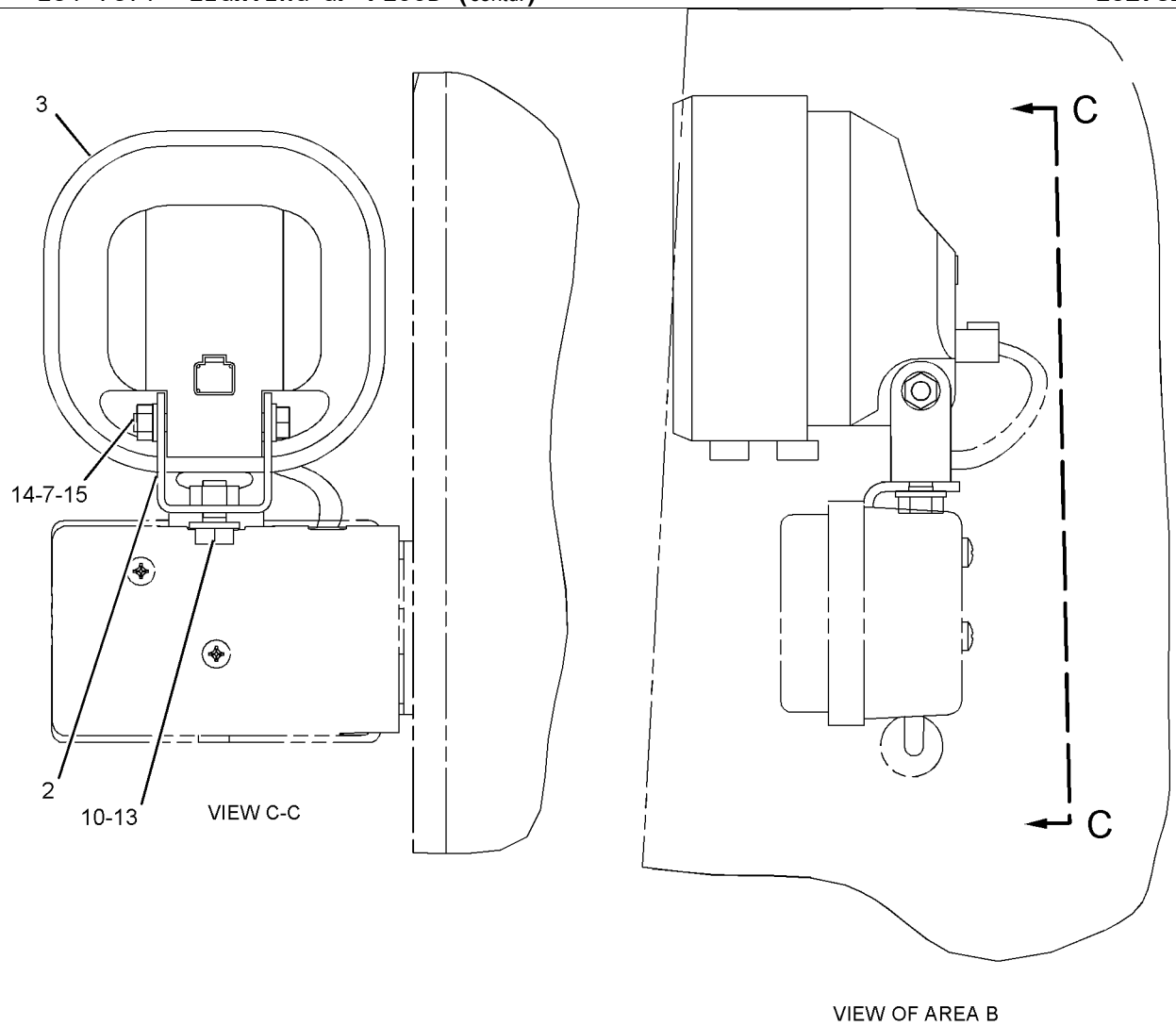
VIEW E-E



LEFT SIDE VIEW

GRAPHIC #2 g01046698

234-7871 **LIGHTING GP-FLOOD (**contd.**)** **i02732045**



GRAPHIC #3 <END> g01046699

235-0380 LIGHTING GP-FLOOD—4-LAMP, FRONT

S/N: BTW1-201

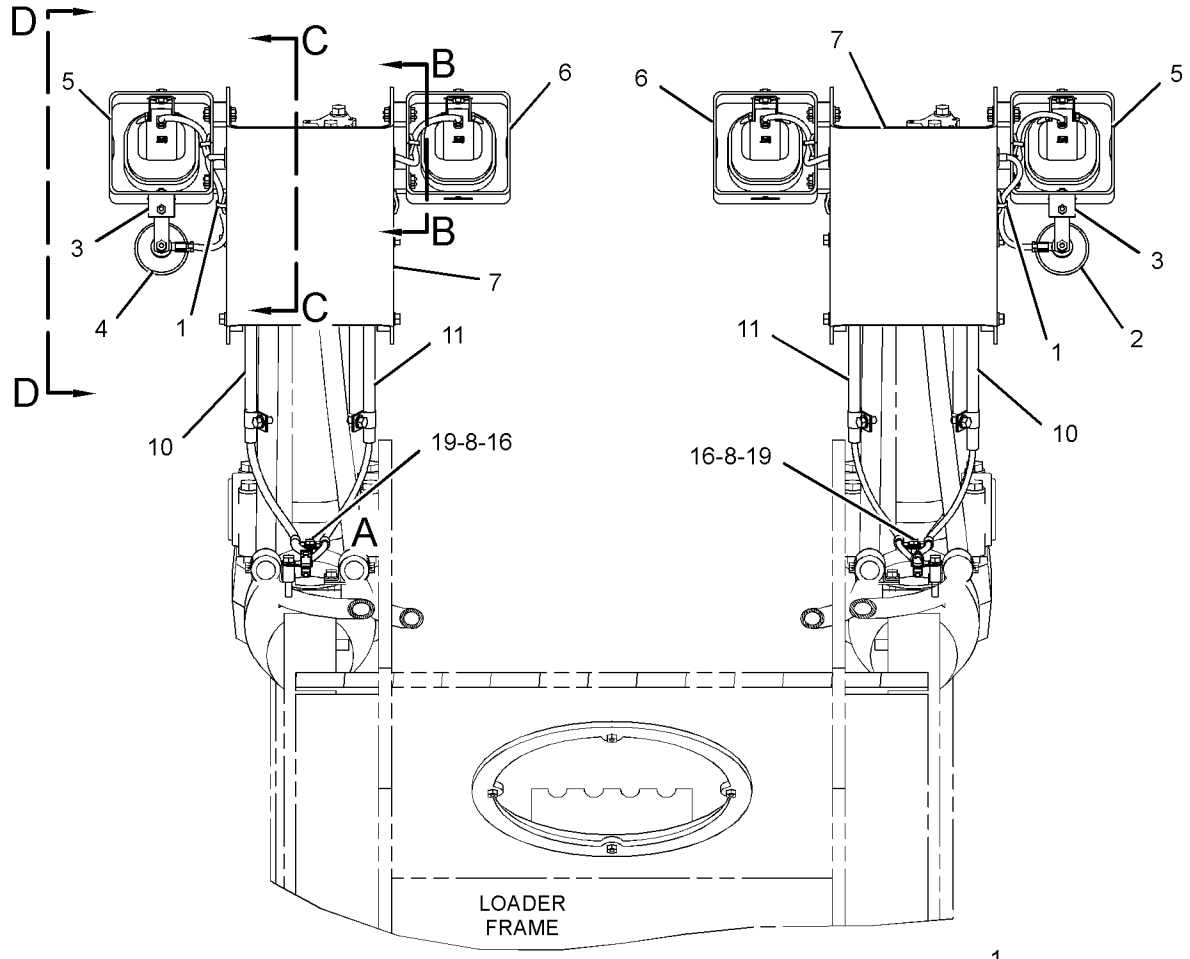
PART OF 234-7870, 234-7875 LIGHTING AR-STOP & FLOOD

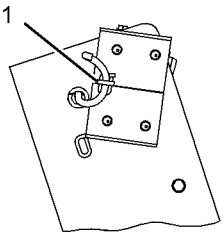
SMCS-1434 **i02318856**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7K-1181**	10	STRAP-CABLE	
	2	1	**163-1201**	1	HORN AS (24-VOLT, LOW TONE)	
	3	1	**170-6101**	2	BRACKET AS	
					(EACH INCLUDES)	
M		1	**8T-3612**	1	NUT-WELD (M8X1.25-THD)	
	4	1	**174-7875**	1	HORN AS (24-VOLT, HIGH TONE)	
Y	5	1	*176-4161*	2	LIGHTING GP-AUXILIARY (FRONT, INSIDE POSITION)	430
Y	6	1	*176-5480*	2	LIGHTING GP-AUXILIARY (FRONT, OUTSIDE POSITION)	431
	7	1	**267-6732**	2	BRACKET AS	
					(EACH INCLUDES)	
		1	**7T-1099**	4	LINK	
	8	1	**124-0174**	4	CLIP	
	9	1	**130-5301**	4	CLIP	
	10	1	**267-8908**	2	HARNESS AS-LIGHTING	
					(EACH INCLUDES)	
		1	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
					(KIT INCLUDES RECEPTACLE AS & WEDGE)	
		1	**155-2270**	1	KIT-CONNECTING PLUG (2-PIN)	
					(KIT INCLUDES PLUG AS & WEDGE)	
	11	1	**267-9692**	2	HARNESS AS-LIGHTING	
					(EACH INCLUDES)	
		1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(KIT INCLUDES RECEPTACLE AS & WEDGE)	
		1	**155-2270**	1	KIT-CONNECTING PLUG (2-PIN)	
					(KIT INCLUDES PLUG AS & WEDGE)	
	13	1	**5F-7055**	8	CLIP	
	14	1	**5P-2228**	8	BOLT (1/2-13X1-IN)	
	15	1	**6P-4467**	4	GROMMET	
	16	1	**8T-4121**	4	WASHER-HARD (11X21X2.5-MM THK)	
M	17	1	**8T-4133**	2	NUT (M10X1.5-THD)	
M	18	1	**8T-4136**	2	BOLT (M10X1.5X25-MM)	
M	19	1	**8T-4137**	2	BOLT (M10X1.5X20-MM)	
M	20	1	**8T-4189**	2	BOLT (M8X1.25X20-MM)	
	21	1	**8T-4223**	18	WASHER-HARD (13.5X25.5X3-MM THK)	
	22	1	**8T-4224**	2	WASHER-HARD (8.8X16X2-MM THK)	
	23	1	**8T-4835**	8	BOLT (1/2-13X2-IN)	
	24	1	**8T-9389**	2	BOLT (1/2-13X2.75-IN)	

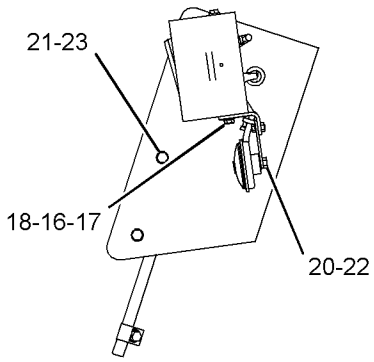
M - METRIC PART
Y - SEPARATE ILLUSTRATION

235-0380 **LIGHTING GP-FLOOD (**contd.**)** **i02318856**

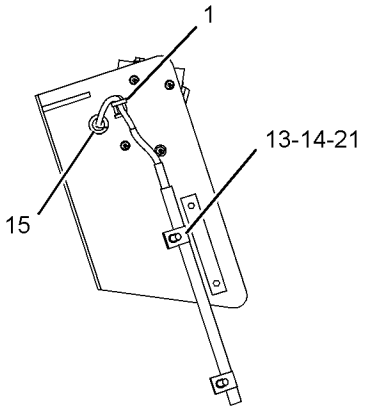




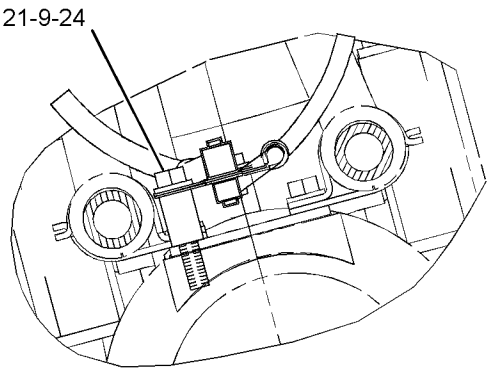
SECTION B-B



VIEW D-D



SECTION C-C



VIEW OF AREA A

GRAPHIC #1 <END> g01162501

239-5629 LIGHTING GP-FLOOD—2-LAMP, ENGINE COMPARTMENT

S/N: BTW1-UP

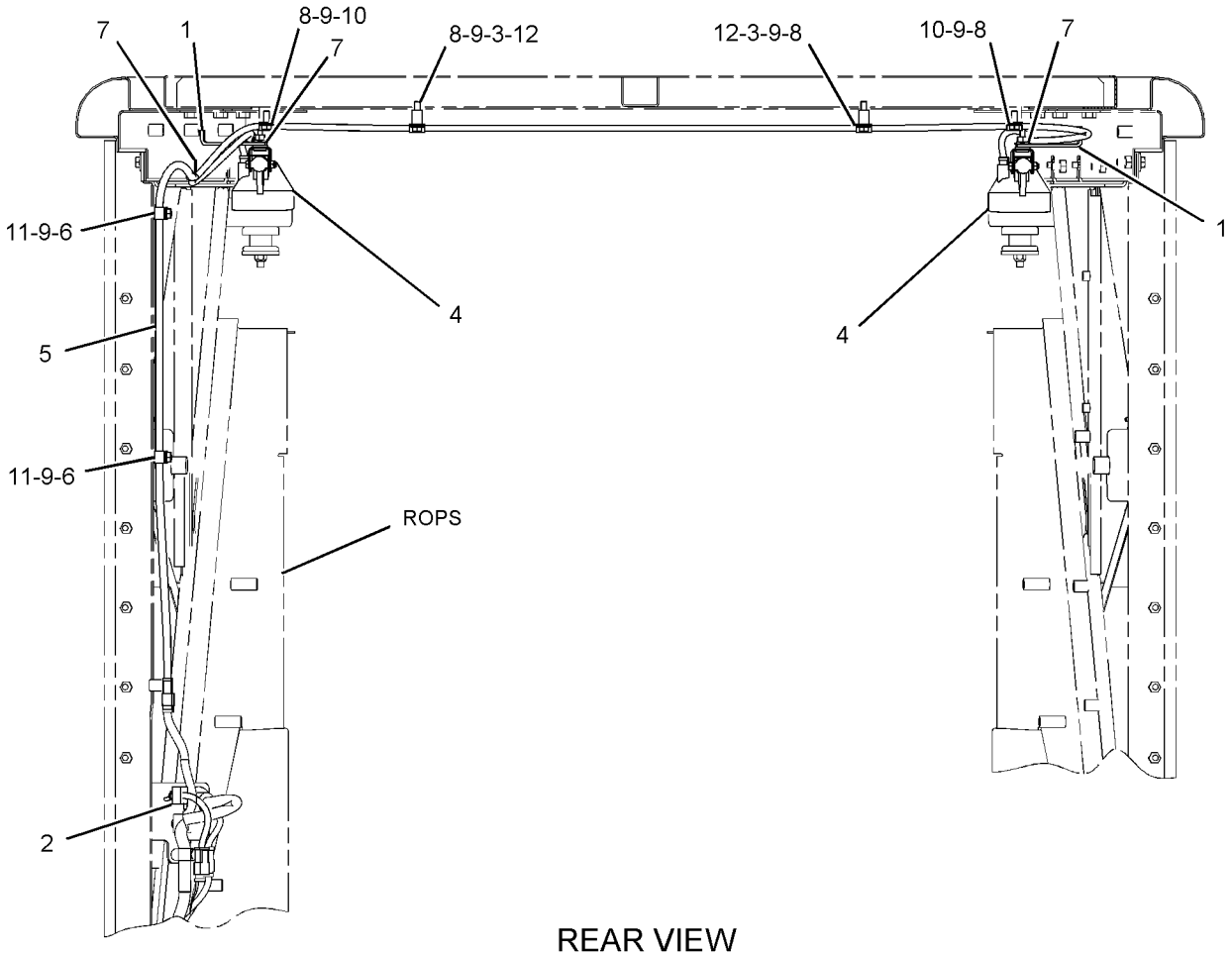
PART OF 353-4013 OPTION AR-CAB

SMCS-1434 **i02427094**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**2P-8977**	2	PLATE	
	2	1	**158-6634**	1	SWITCH GP-TOGGLE (ENGINE COMPARTMENT LIGHTS)	
		1	**3E-3377**	1	WEDGE-RECEPTACLE LOCK (4-PIN)	
		1	**6T-3631**	2	NUT-HEX (15/32-32-THD)	
		1	**6T-3632**	1	LOCKWASHER	
		1	**102-8804**	1	KIT-RECEPTACLE (4-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	3	1	**204-9734**	2	SPACER (11X18X25-MM THK)	
Y	4	1	**219-6487**	2	LAMP GP-FLOOD (24-VOLT, 70-WATT)	412
	5	1	**278-4527**	1	HARNESS AS-LIGHTING (ENGINE COMPARTMENT)	
		1	**102-8804**	1	KIT-RECEPTACLE (4-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	**155-2270**	2	KIT-CONNECTING PLUG (2-PIN)	
					(EACH INCLUDES PLUG AS & WEDGE)	
	6	1	**147-0385**	2	CLIP	
	7	1	**5P-9085**	3	CLIP	
	8	1	**5P-9297**	4	CLIP	
	9	1	**8T-4121**	6	WASHER-HARD (11X21X2.5-MM THK)	
M	10	1	**8T-4136**	2	BOLT (M10X1.5X25-MM)	
M	11	1	**8T-4137**	2	BOLT (M10X1.5X20-MM)	
M	12	1	**8T-4182**	2	BOLT (M10X1.5X45-MM)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION

239-5629 **LIGHTING GP-FLOOD (**contd.**)** **i02427094**



REAR VIEW

GRAPHIC #1 <END> g01214481

239-5630 LIGHTING GP-FLOOD—4-LAMP, REAR

S/N: BTW1-165

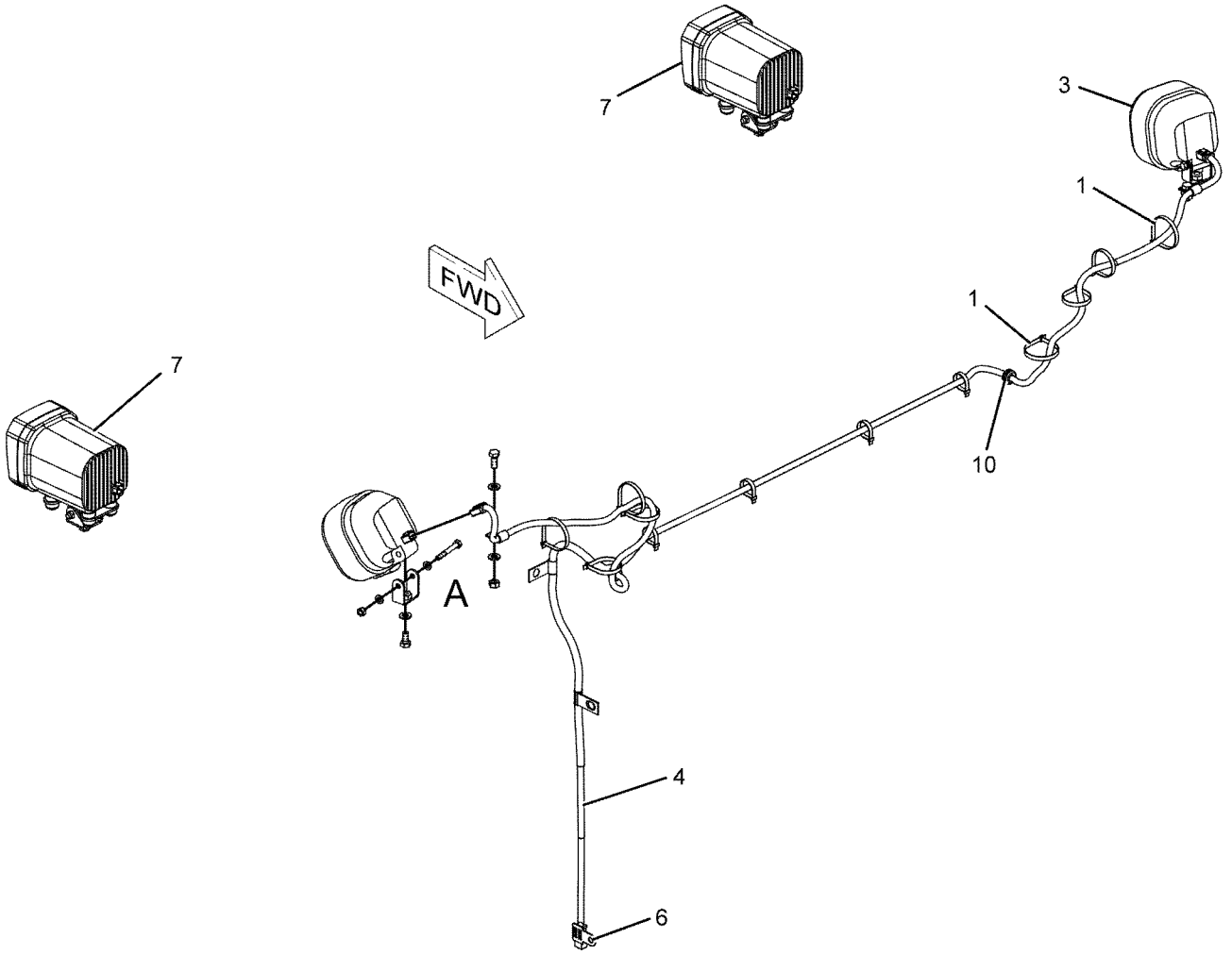
PART OF 234-7870 LIGHTING AR-STOP & FLOOD

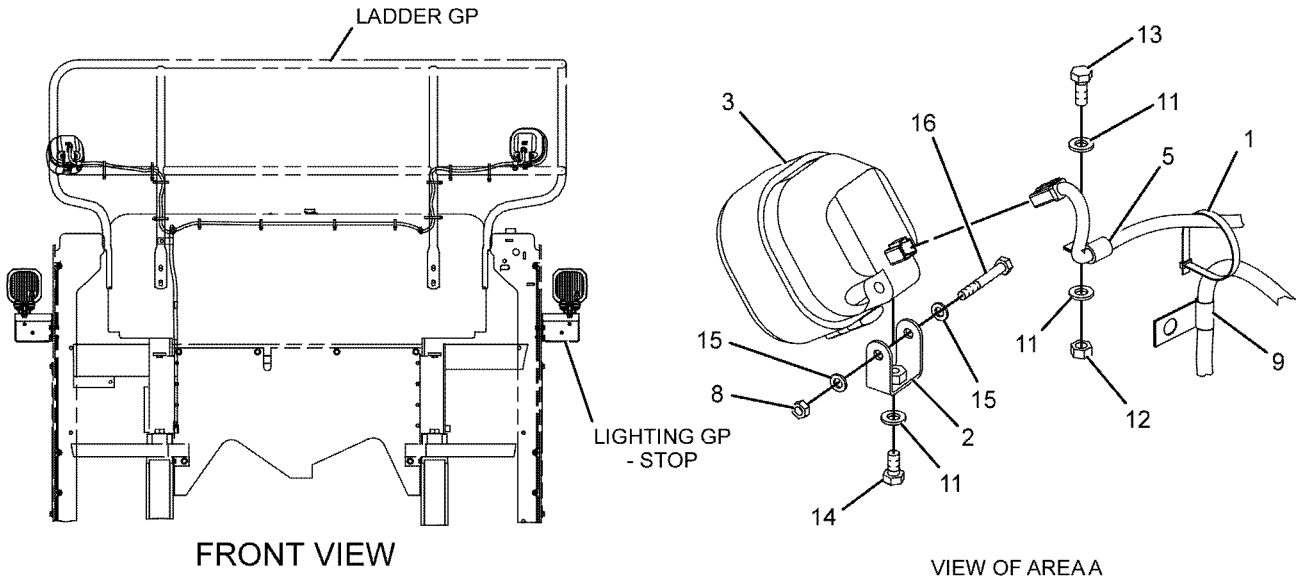
SMCS-1434 **i02427090**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9X-6772**	12	STRAP-CABLE	
	2	1	**140-1088**	2	BRACKET AS	
					(EACH INCLUDES)	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
Y	3	1	**153-2073**	2	LAMP GP-FLOOD (24-VOLT) (STAIRWAY ACCESS)	410
	4	1	**234-5928**	1	HARNESS AS-LIGHTING	
		1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	**155-2270**	2	KIT-CONNECTING PLUG (2-PIN)	
					(EACH INCLUDES PLUG AS & WEDGE)	
	5	1	**033-8248**	2	CLIP	
	6	1	**130-5300**	1	CLIP	
Y	7	1	**210-8423**	2	LAMP GP-FLOOD (24-VOLT, 35-WATT, HID) (RADIATOR GUARD)	411
M	8	1	**5C-7261**	2	NUT (M8X1.25-THD)	
	9	1	**6V-3265**	2	CLIP	
	10	1	**8K-1433**	2	GROMMET	
	11	1	**8T-4121**	6	WASHER-HARD (11X21X2.5-MM THK)	
M	12	1	**8T-4133**	2	NUT (M10X1.5-THD)	
M	13	1	**8T-4136**	2	BOLT (M10X1.5X25-MM)	
M	14	1	**8T-4137**	2	BOLT (M10X1.5X20-MM)	
	15	1	**8T-4224**	4	WASHER-HARD (8.8X16X2-MM THK)	
M	16	1	**8T-6869**	2	BOLT (M8X1.25X60-MM)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION

239-5630 **LIGHTING GP-FLOOD (**contd.**)** **i02427090**





GRAPHIC #1 <END> g01047786

239-5630 LIGHTING GP-FLOOD—4-LAMP, REAR

S/N: BTW166-192

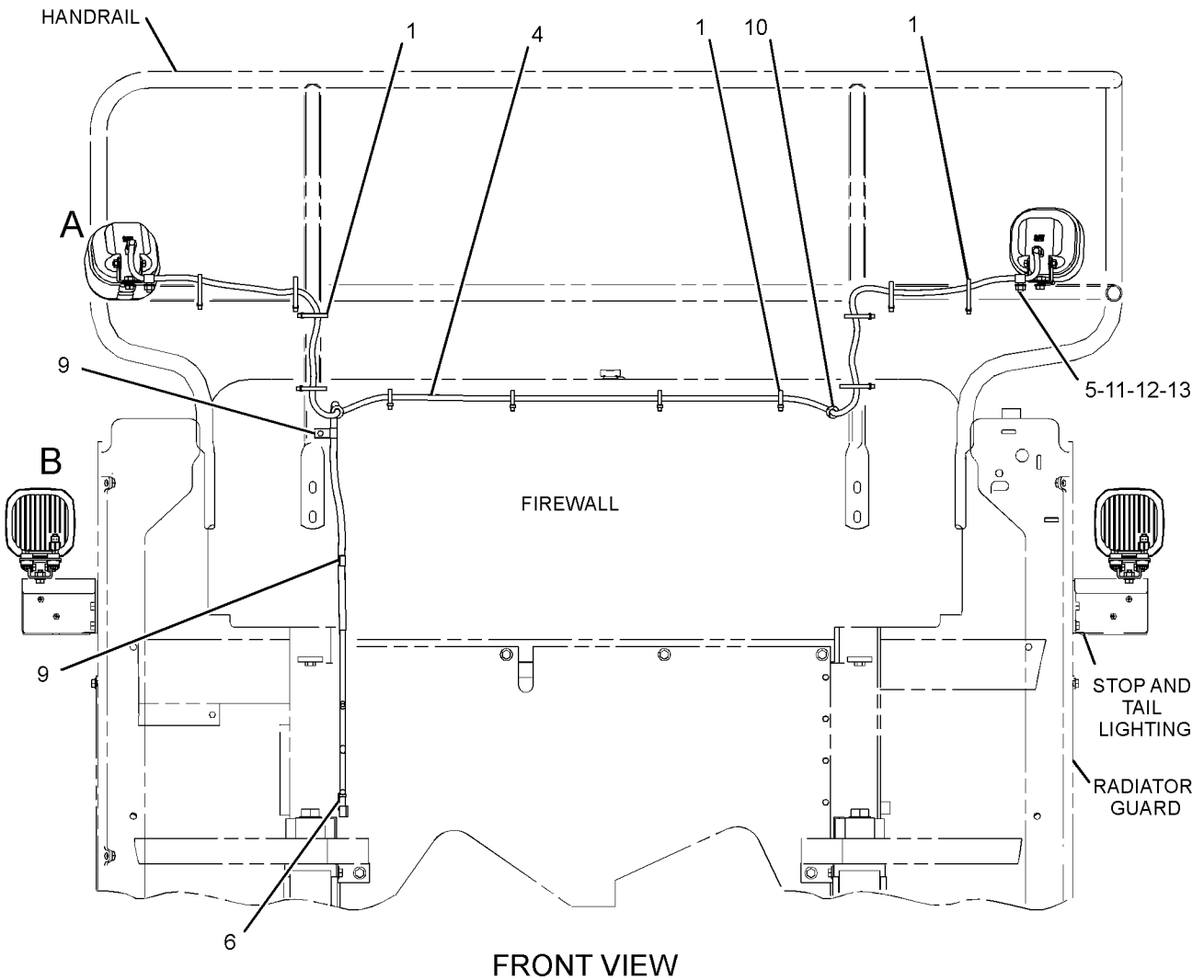
PART OF 234-7870 LIGHTING AR-STOP & FLOOD

SMCS-1434 **i02911193**

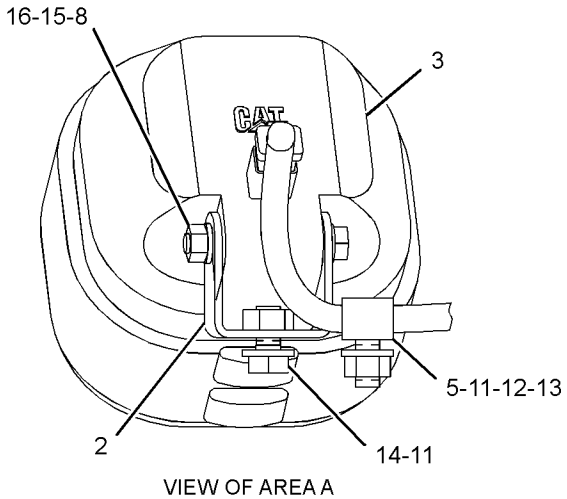
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9X-6772**	12	STRAP-CABLE	
	2	1	**140-1088**	2	BRACKET AS	
					(EACH INCLUDES)	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
		1	**115-0617**	1	BRACKET	
Y	3	1	**153-2073**	2	LAMP GP-FLOOD (24-VOLT) (STAIRWAY ACCESS)	410
C	4	1	**301-2935**	1	HARNESS AS-LIGHTING	
	5	1	**033-8248**	2	CLIP	
	6	1	**130-5300**	1	CLIP	
Y	7	1	**277-0468**	2	LAMP GP-FLOOD (24-VOLT, HID) (RADIATOR GUARD)	416
M	8	1	**5C-7261**	2	NUT (M8X1.25-THD)	
	9	1	**6V-3265**	2	CLIP	
	10	1	**8K-1433**	2	GROMMET	
	11	1	**8T-4121**	8	WASHER-HARD (11X21X2.5-MM THK)	
M	12	1	**8T-4133**	2	NUT (M10X1.5-THD)	
M	13	1	**8T-4136**	2	BOLT (M10X1.5X25-MM)	
M	14	1	**8T-4137**	4	BOLT (M10X1.5X20-MM)	
	15	1	**8T-4224**	4	WASHER-HARD (8.8X16X2-MM THK)	
M	16	1	**8T-6869**	2	BOLT (M8X1.25X60-MM)	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
Y - SEPARATE ILLUSTRATION

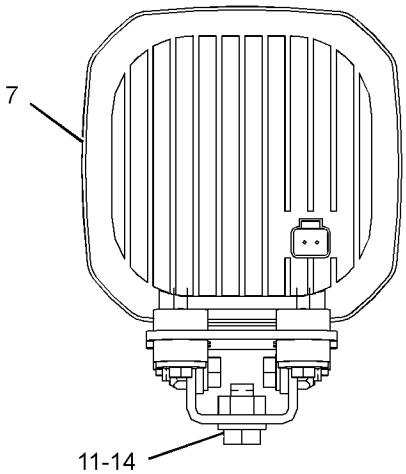
239-5630 **LIGHTING GP-FLOOD (**contd.**)** **i02911193**



FRONT VIEW



VIEW OF AREA A



VIEW OF AREA B

GRAPHIC #1 <END> g01514434

239-5630 LIGHTING GP-FLOOD—4-LAMP, REAR

S/N: BTW193-UP

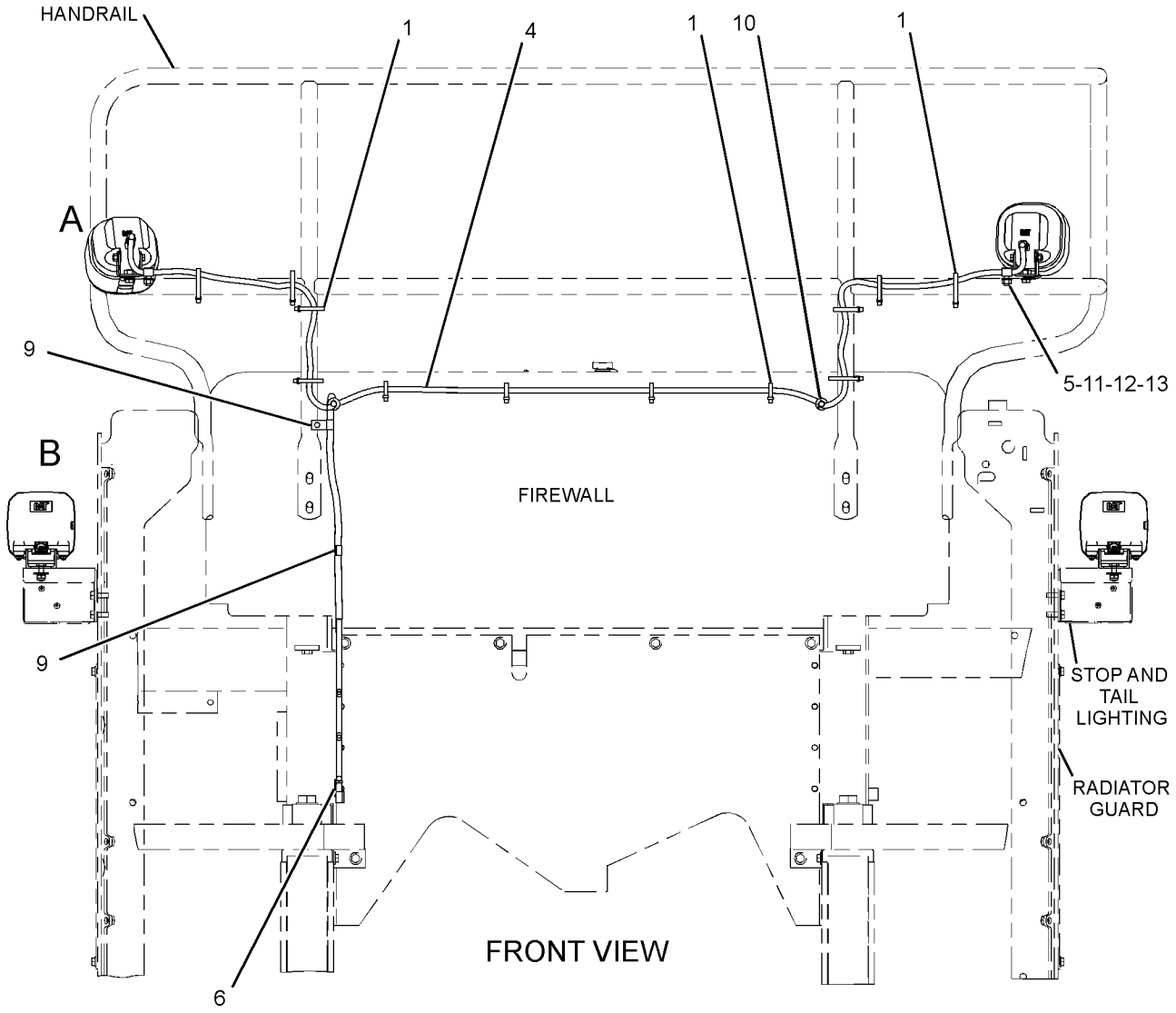
PART OF 234-7870 LIGHTING AR-STOP & FLOOD

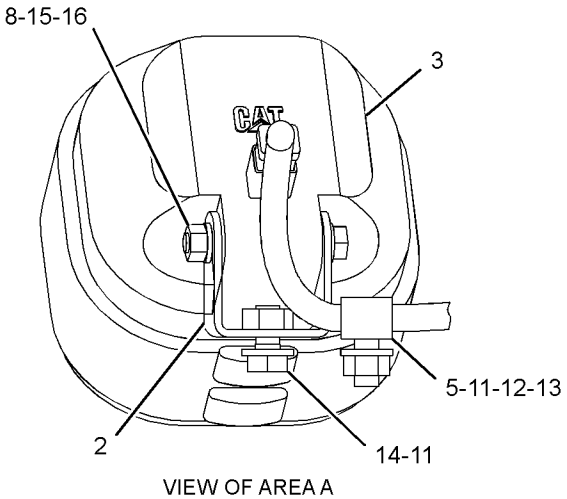
SMCS-1434 **i03939681**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9X-6772**	12	STRAP-CABLE	
	2	1	**140-1088**	2	BRACKET AS	
					(EACH INCLUDES)	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
		1	**115-0617**	1	BRACKET	
Y	3	1	**153-2073**	2	LAMP GP-FLOOD (24-VOLT) (STAIRWAY ACCESS)	410
	4	1	**301-2935**	1	HARNESS AS-LIGHTING	
		1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	**8T-8729**	2	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	**8T-8730**	4	SOCKET-CONNECTOR (16-GA TO 18-GA)	
E		1	**114-8843**		SLEEVE-PLASTIC (60-CM)	
E		1	**125-7875**		TUBE-HEAT SHRINK (7.44-MM DIA) (10-CM)	
		1	**155-2270**	2	KIT-CONNECTING PLUG (2-PIN)	
					(EACH INCLUDES PLUG AS & WEDGE)	
	5	1	**033-8248**	2	CLIP	
	6	1	**130-5300**	1	CLIP	
CYR	7	1	**347-9427**	2	LAMP GP-FLOOD (24-VOLT, 35-WATT, HID) (RADIATOR GUARD)	417
M	8	1	**5C-7261**	2	NUT (M8X1.25-THD)	
	9	1	**6V-3265**	2	CLIP	
	10	1	**8K-1433**	2	GROMMET	
C	11	1	**8T-4121**	6	WASHER-HARD (11X21X2.5-MM THK)	
M	12	1	**8T-4133**	2	NUT (M10X1.5-THD)	
M	13	1	**8T-4136**	2	BOLT (M10X1.5X25-MM)	
CM	14	1	**8T-4137**	2	BOLT (M10X1.5X20-MM)	
	15	1	**8T-4224**	4	WASHER-HARD (8.8X16X2-MM THK)	
M	16	1	**8T-6869**	2	BOLT (M8X1.25X60-MM)	

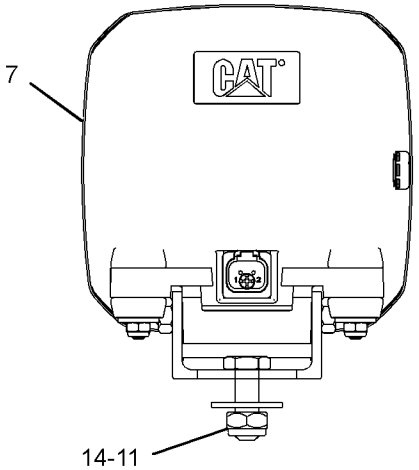
C - CHANGE FROM PREVIOUS TYPE
E - ORDER BY THE CENTIMETER
M - METRIC PART
R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

239-5630 **LIGHTING GP-FLOOD (**contd.**)** **i03939681**





VIEW OF AREA A



VIEW OF AREA B

GRAPHIC #1 <END> g02204093

266-7726 LIGHTING GP-FLOOD—4-LAMP, HID, ROPS, FRONT

S/N: BTW1-169

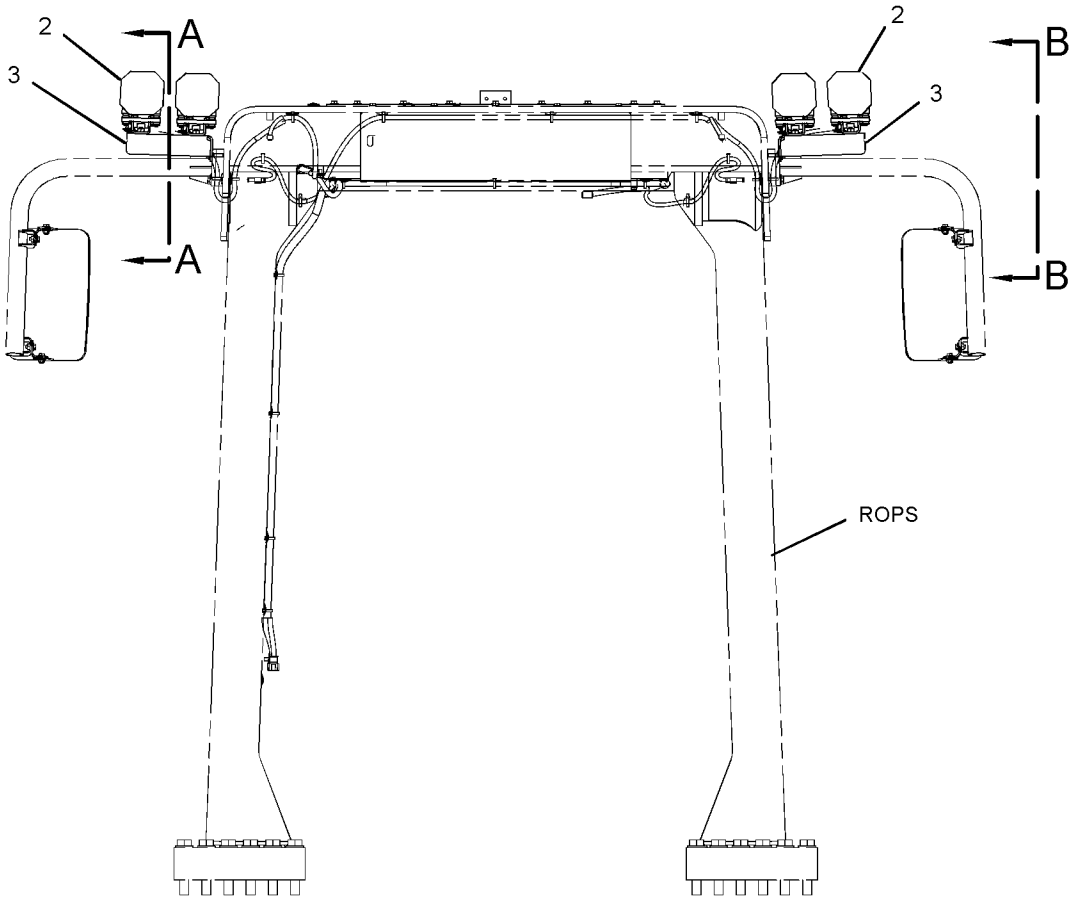
PART OF 234-7870 LIGHTING AR-STOP & FLOOD

SMCS-1434 **i02424170**

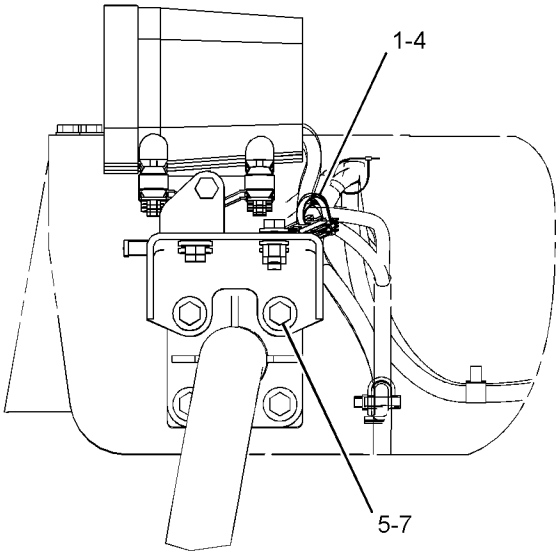
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9X-6772**	4	STRAP-CABLE	
Y	2	1	**247-0294**	4	LAMP GP-FLOOD (24-VOLT, HID)	414
	3	1	**266-2496**	2	BRACKET	
	4	1	**4P-7428**	4	CLIP (LADDER)	
	5	1	**5P-1076**	8	WASHER-HARD (13.5X30X4-MM THK)	
M	6	1	**8T-4139**	8	BOLT (M12X1.75X30-MM)	
M	7	1	**8T-4184**	4	BOLT (M12X1.75X45-MM)	
	8	1	**8T-4223**	8	WASHER-HARD (13.5X25.5X3-MM THK)	
M	9	1	**8T-4244**	4	NUT (M12X1.75-THD)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION

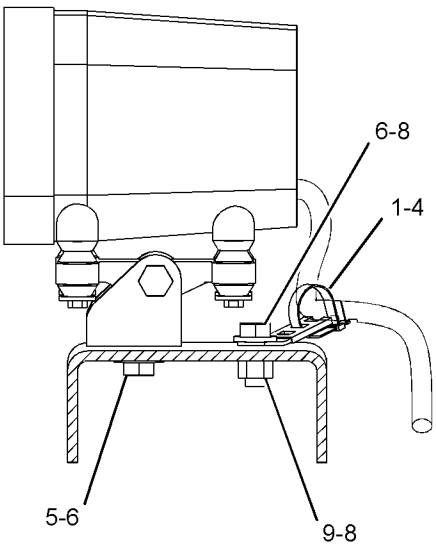
266-7726 **LIGHTING GP-FLOOD (**contd.**)** **i02424170**



FRONT VIEW



VIEW B-B



SECTION A-A

GRAPHIC #1 <END> g01215416

266-7726 LIGHTING GP-FLOOD–4-LAMP, HID, ROPS, FRONT

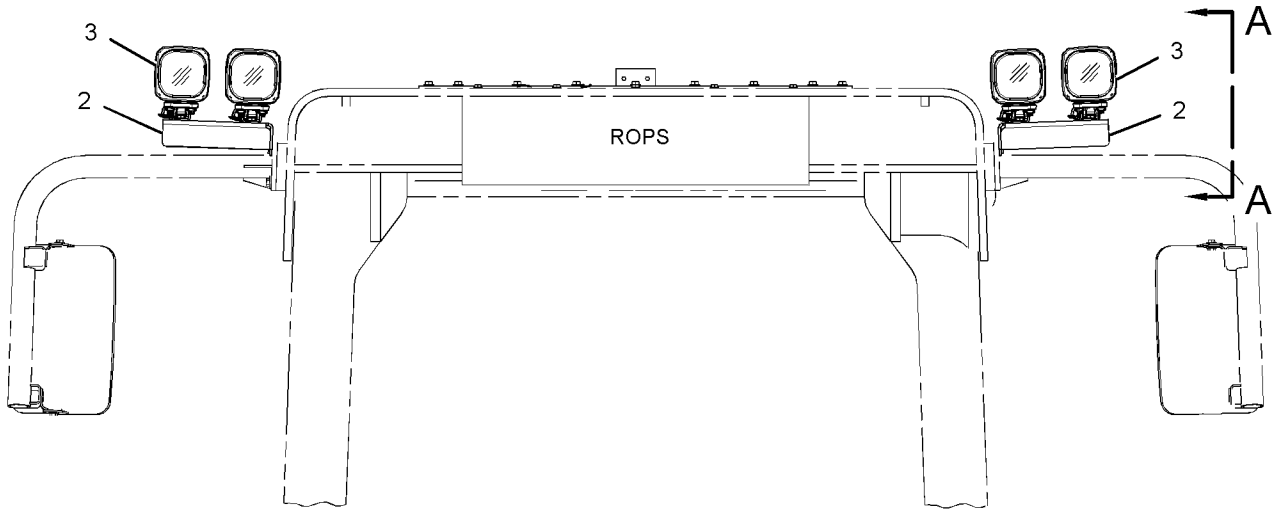
S/N: BTW170-192

PART OF 234-7870 LIGHTING AR-STOP & FLOOD

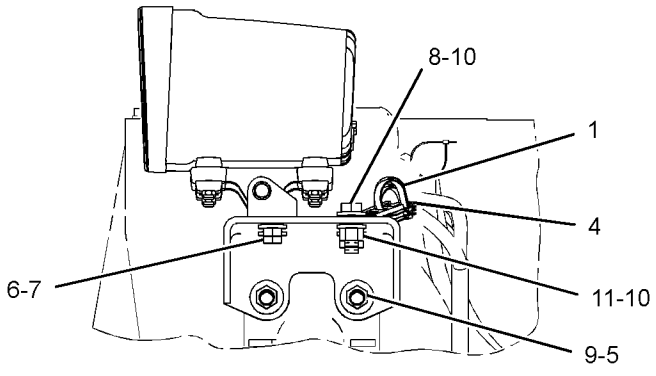
SMCS-1434 **i02906471**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9X-6772**	4	STRAP-CABLE	
	2	1	**266-2496**	2	BRACKET	
CY	3	1	**277-0468**	4	LAMP GP-FLOOD (24-VOLT, HID)	416
	4	1	**4P-7428**	4	CLIP (LADDER)	
C	5	1	**5P-1076**	4	WASHER-HARD (13.5X30X4-MM THK)	
C	6	1	**7X-7729**	4	WASHER (11X25X3-MM THK)	
CM	7	1	**8T-4136**	4	BOLT (M10X1.5X25-MM)	
CM	8	1	**8T-4139**	4	BOLT (M12X1.75X30-MM)	
M	9	1	**8T-4184**	4	BOLT (M12X1.75X45-MM)	
	10	1	**8T-4223**	8	WASHER-HARD (13.5X25.5X3-MM THK)	
M	11	1	**8T-4244**	4	NUT (M12X1.75-THD)	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
Y - SEPARATE ILLUSTRATION



FRONT VIEW



VIEW A-A

GRAPHIC #1 <END> g01450117

266-7726 LIGHTING GP-FLOOD—4-LAMP, HID, ROPS, FRONT

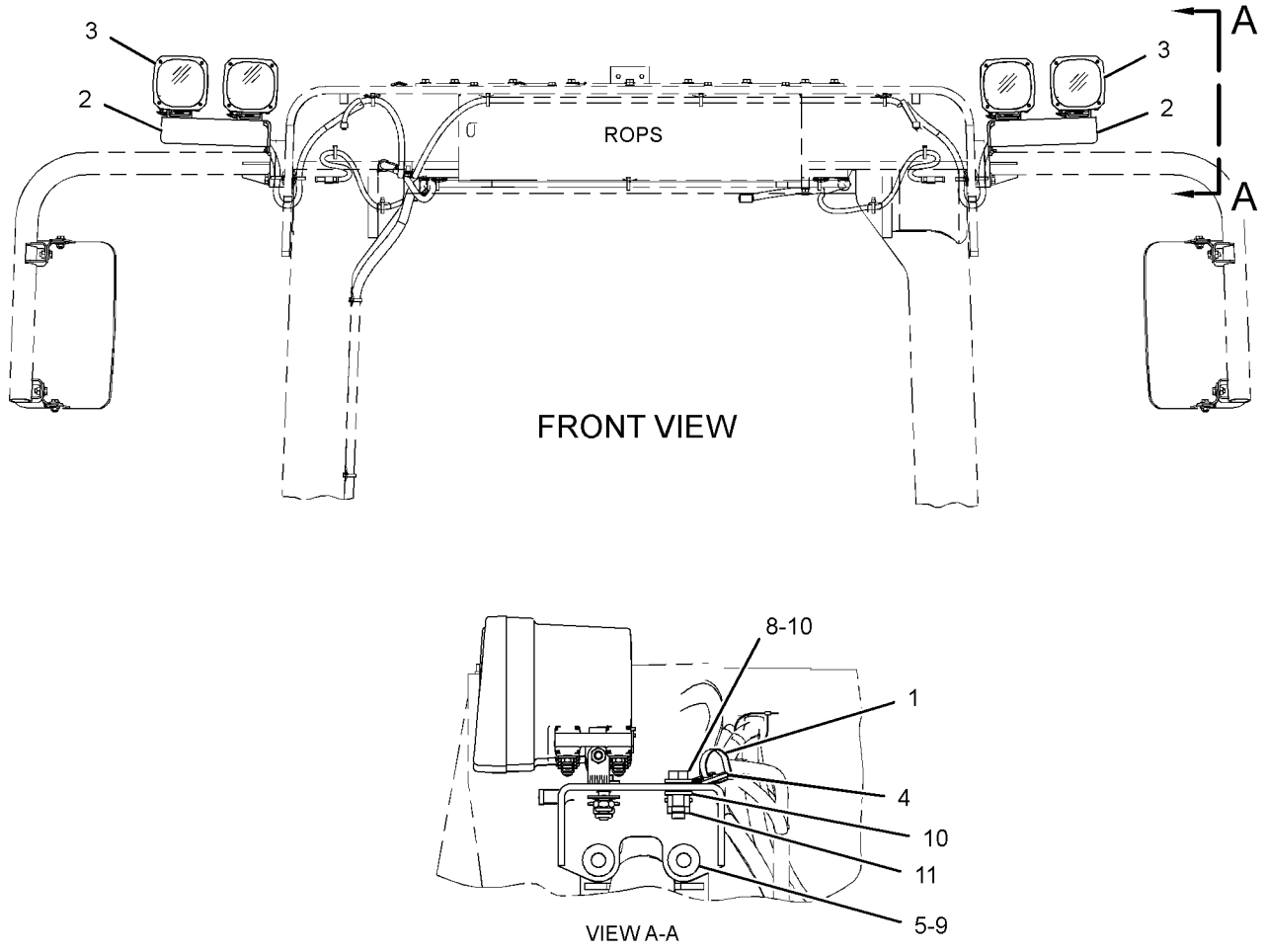
S/N: BTW193-UP

PART OF 234-7870 LIGHTING AR-STOP & FLOOD

SMCS-1434 **i03948209**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9X-6772**	4	STRAP-CABLE	
	2	1	**266-2496**	2	BRACKET	
CYR	3	1	**347-9427**	4	LAMP GP-FLOOD (24-VOLT, 35-WATT, HID)	417
	4	1	**4P-7428**	4	CLIP (LADDER)	
	5	1	**5P-1076**	4	WASHER-HARD (13.5X30X4-MM THK)	
M	8	1	**8T-4139**	4	BOLT (M12X1.75X30-MM)	
M	9	1	**8T-4184**	4	BOLT (M12X1.75X45-MM)	
	10	1	**8T-4223**	8	WASHER-HARD (13.5X25.5X3-MM THK)	
M	11	1	**8T-4244**	4	NUT (M12X1.75-THD)	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g02203655

271-9379 LIGHTING GP-FLOOD—4-LAMP, ROPS, FRONT, REAR

S/N: BTW1-201

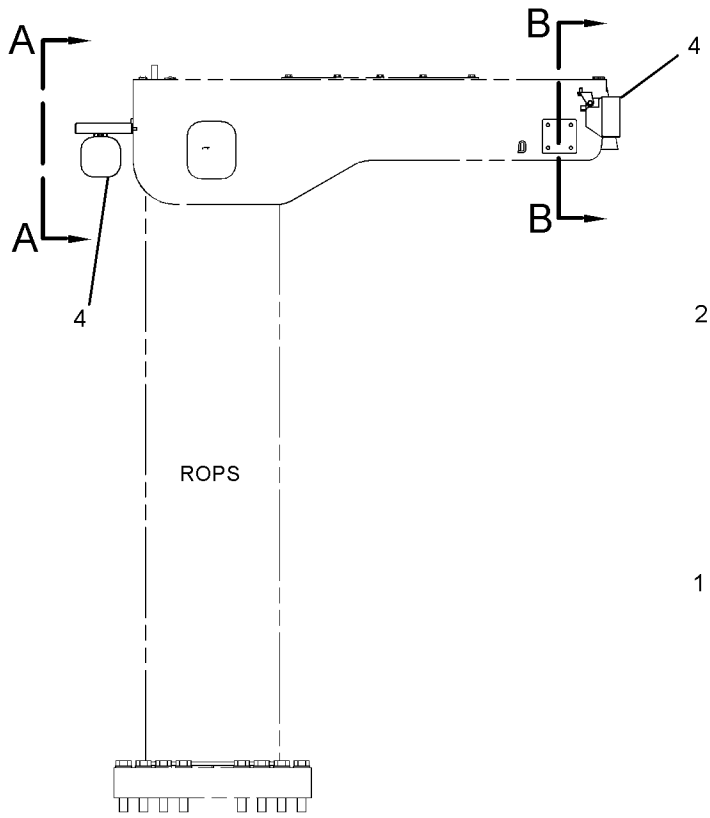
PART OF 234-7870, 234-7875 LIGHTING AR-STOP & FLOOD

SMCS-1434 **i02426241**

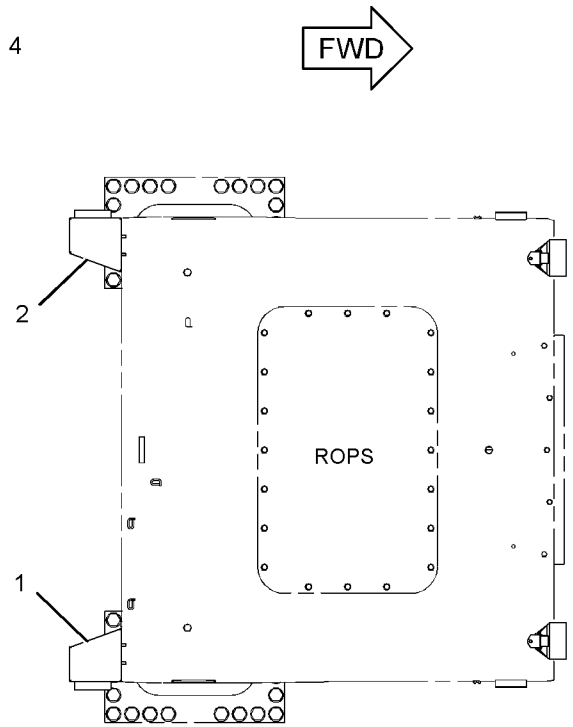
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-9625**	1	BRACKET AS (RH)	
	2	1	**9U-0833**	1	BRACKET AS (LH)	
					(EACH BRACKET AS INCLUDES)	
		1	**7T-1099**	1	LINK	
M		1	**8Y-3925**	1	BOSS (M10X1.5X30-MM)	
	3	1	**174-7594**	4	BRACKET	
Y	4	1	**157-0305**	4	LAMP GP-HEAD (24-VOLT)	421
M	5	1	**5C-7261**	4	NUT (M8X1.25-THD)	
	6	1	**8T-4121**	8	WASHER-HARD (11X21X2.5-MM THK)	
M	7	1	**8T-4137**	8	BOLT (M10X1.5X20-MM)	
	8	1	**8T-4224**	8	WASHER-HARD (8.8X16X2-MM THK)	
M	9	1	**8T-6869**	4	BOLT (M8X1.25X60-MM)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION

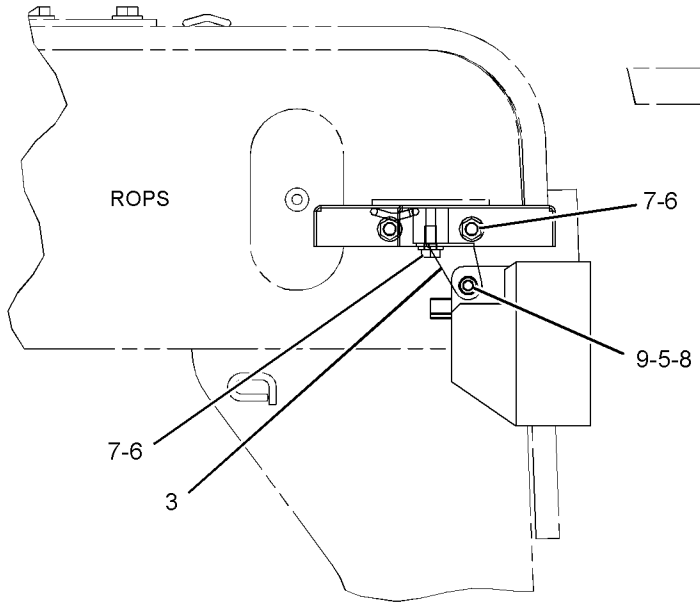
271-9379 **LIGHTING GP-FLOOD (**contd.**)** **i02426241**



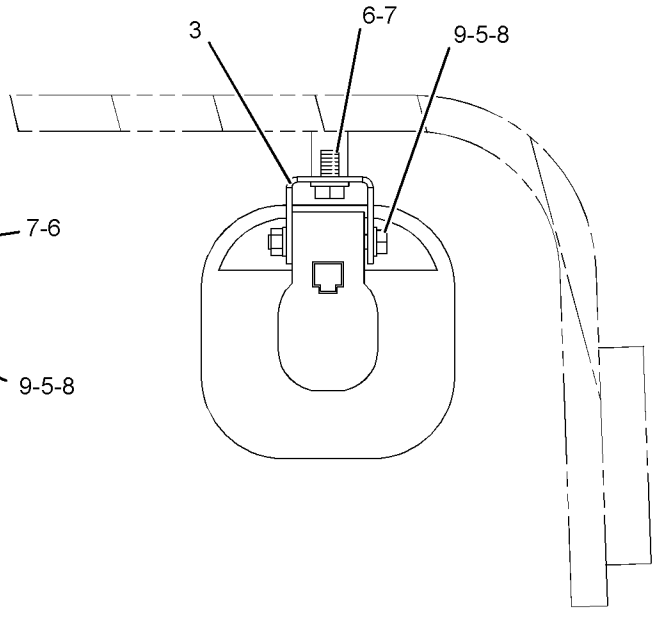
RIGHT SIDE VIEW



TOP VIEW



VIEW A-A



SECTION B-B

GRAPHIC #1 <END> g01214456

331-9829 LIGHTING GP-FLOOD

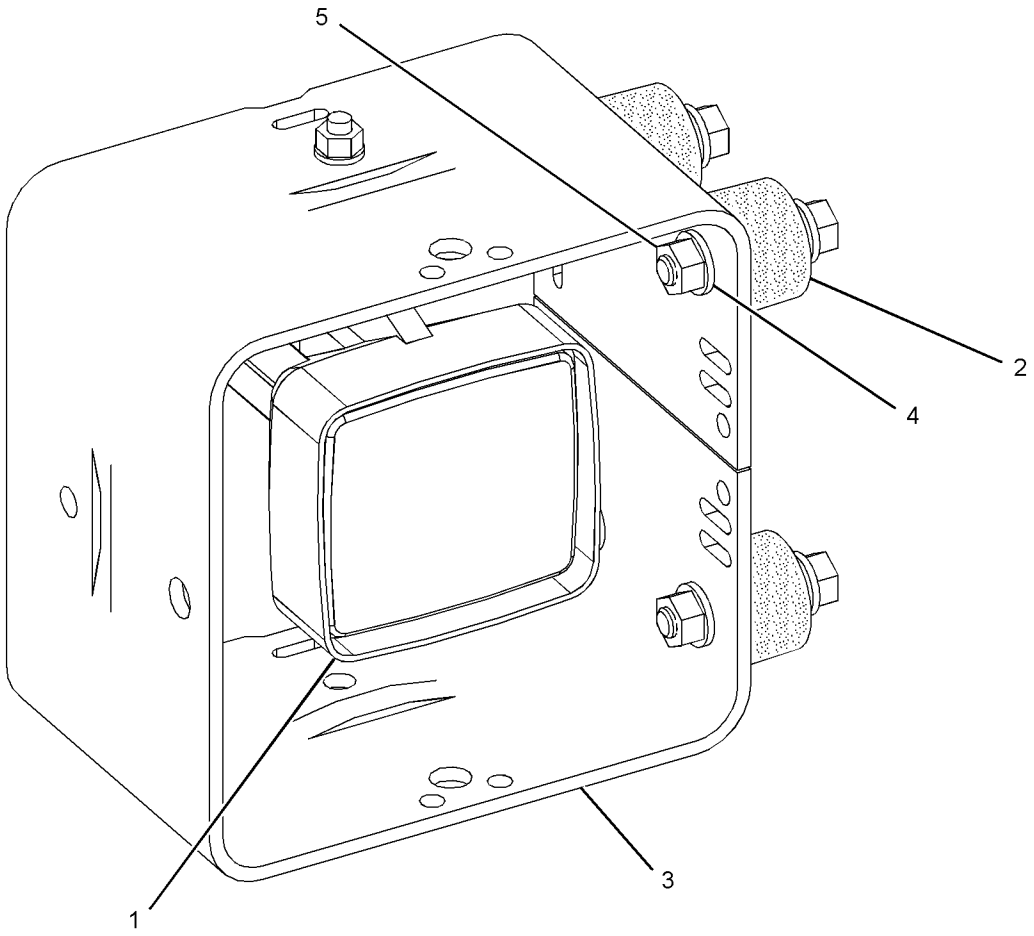
S/N: BTW202-UP

PART OF 361-2674 LIGHTING GP-FLOOD

SMCS-1434 **i04047432**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**254-8155**	1	LAMP GP-FLOOD (24-VOLT)	415
	2	1	**330-5646**	4	MOUNT	
	3	1	**337-5190**	1	GUARD	
	4	1	**8T-4121**	8	WASHER-HARD (11X21X2.5-MM THK)	
M	5	1	**8T-4133**	8	NUT (M10X1.5-THD)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g02576637

331-9829 LIGHTING GP-FLOOD

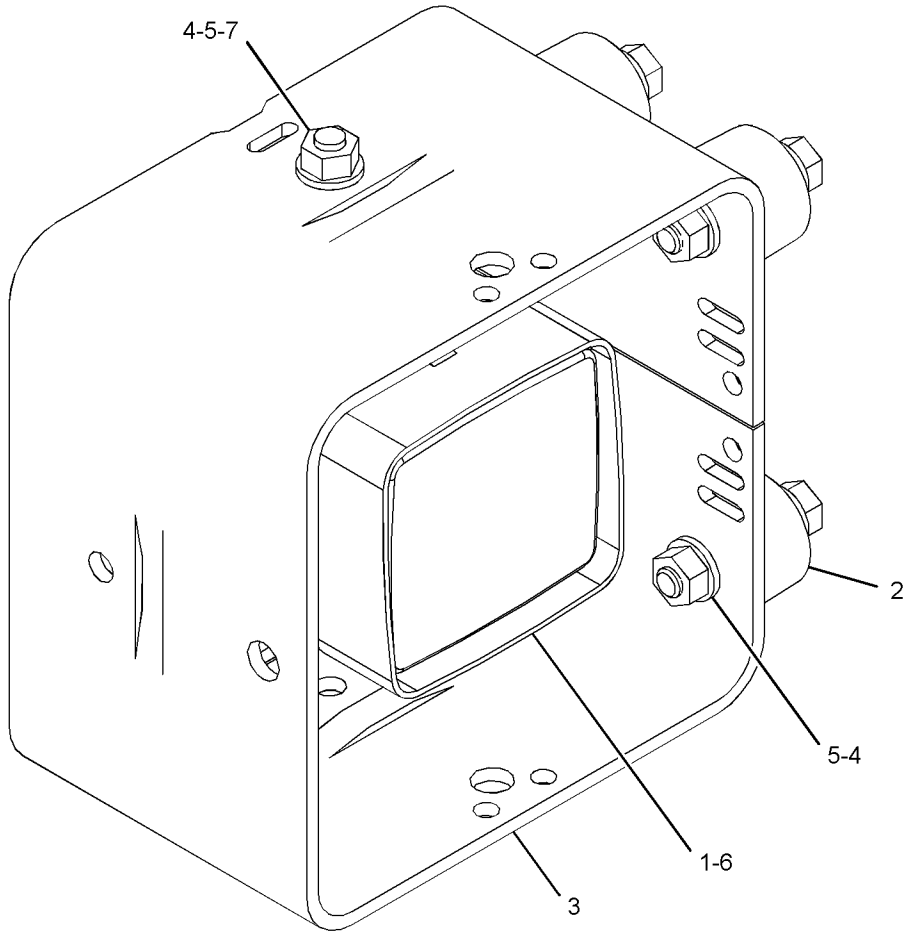
S/N: BTW1-UP

PART OF 361-2674 LIGHTING GP-FLOOD

SMCS-1434 **i05146571**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	**353-2833**	1	LAMP GP-FLOOD (24-VOLT)	
		1	**351-9918**	1	LAMP-HALOGEN (24-VOLT, 70-WATT)	
M		1	**9X-4244**	2	SCREW-SPECIAL (M4X1.79X25-MM)	
		1	**202-6614**	1	LENS AS	
	2	1	**330-5646**	4	MOUNT	
	3	1	**337-5190**	1	GUARD	
C	4	1	**8T-4121**	9	WASHER-HARD (11X21X2.5-MM THK)	
CM	5	1	**8T-4133**	9	NUT (M10X1.5-THD)	
C	6	1	**353-2835**	1	BRACKET AS-MOUNTING	
CM	7	1	**8T-4195**	1	BOLT (M10X1.5X30-MM)	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART



GRAPHIC #1 <END> g03339685

361-2674 LIGHTING GP-FLOOD

S/N: BTW202-UP

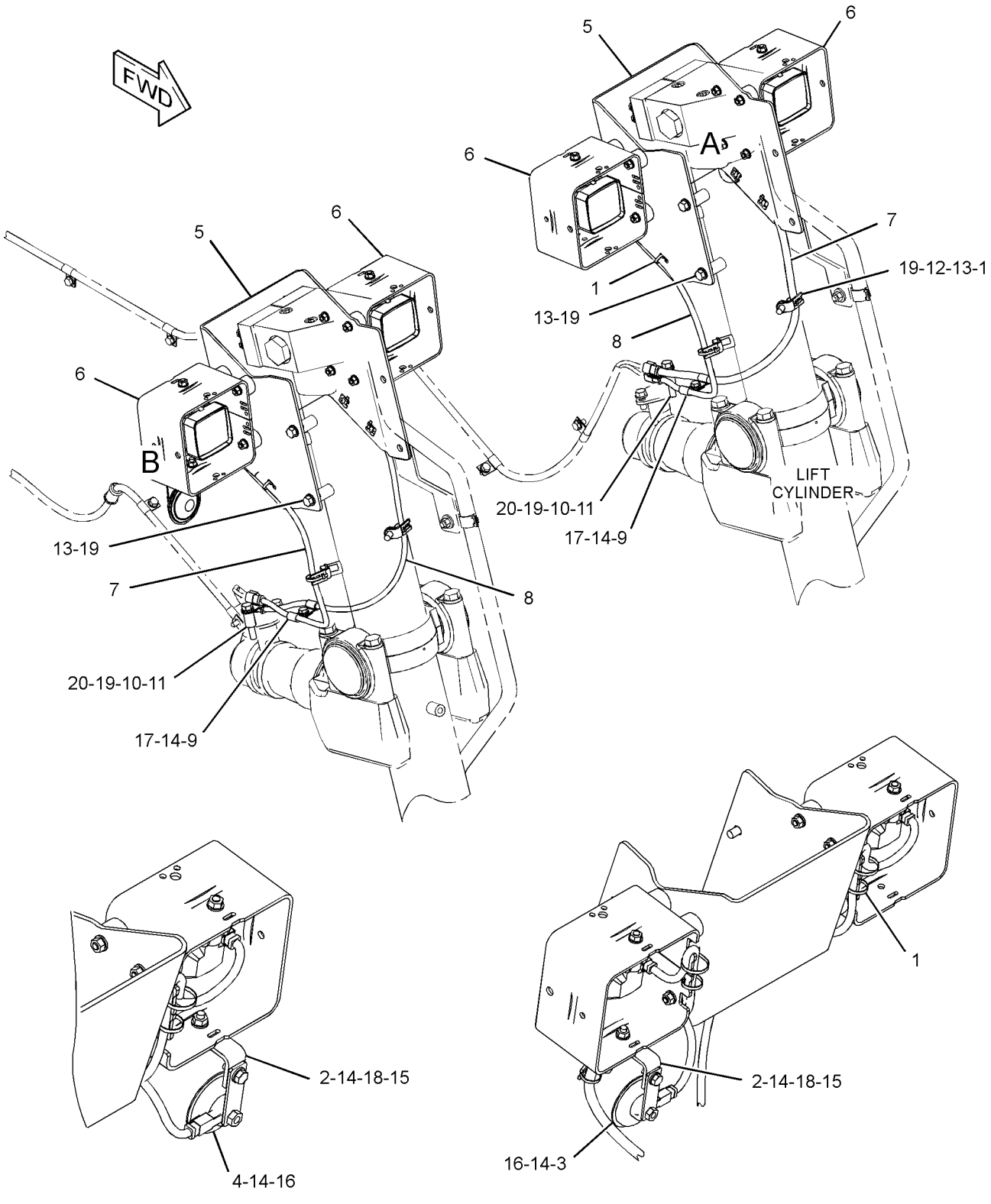
PART OF 234-7870, 234-7875 LIGHTING AR-STOP & FLOOD

SMCS-1434 **i04580054**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7K-1181**	20	STRAP-CABLE	
	2	1	**103-0010**	2	BRACKET AS	
	3	1	**163-1201**	1	HORN AS (24-VOLT, LOW TONE)	
	4	1	**174-7875**	1	HORN AS (24-VOLT, HIGH TONE)	
	5	1	**331-9005**	2	BRACKET	
Y	6	1	*331-9829*	4	LIGHTING GP-FLOOD	456
	7	1	**360-8152**	2	HARNESS AS-LIGHTING	
					(EACH INCLUDES)	
		1	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	**8T-8729**	1	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	**8T-8730**	1	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		1	**9W-0844**	3	SOCKET-CONNECTOR (14-GA TO 16-GA)	
		1	**9W-0852**	2	PIN-CONNECTOR (14-GA TO 16-GA)	
E		1	**114-8843**		SLEEVE-PLASTIC (60-CM)	
E		1	**125-7875**		TUBE-HEAT SHRINK (7.44-MM DIA) (5-CM)	
		1	**155-2270**	1	KIT-CONNECTING PLUG (2-PIN)	
					(INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
	8	1	**360-8153**	2	HARNESS AS-LIGHTING	
					(EACH INCLUDES)	
		1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	**9W-0844**	2	SOCKET-CONNECTOR (14-GA TO 16-GA)	
		1	**9W-0852**	2	PIN-CONNECTOR (14-GA TO 16-GA)	
E		1	**114-8843**		SLEEVE-PLASTIC (40-CM)	
		1	**155-2270**	1	KIT-CONNECTING PLUG (2-PIN)	
					(EACH KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
	9	1	**124-0174**	4	CLIP	
	10	1	**130-5301**	4	CLIP	
	11	1	**1V-0782**	2	BOSS	
	12	1	**4P-7429**	4	CLIP (LADDER)	
	13	1	**5P-2228**	8	BOLT (1/2-13X1-IN)	
	14	1	**8T-4121**	8	WASHER-HARD (11X21X2.5-MM THK)	
M	15	1	**8T-4133**	2	NUT (M10X1.5-THD)	
M	16	1	**8T-4136**	2	BOLT (M10X1.5X25-MM)	
M	17	1	**8T-4137**	2	BOLT (M10X1.5X20-MM)	
M	18	1	**8T-4195**	2	BOLT (M10X1.5X30-MM)	
	19	1	**8T-4223**	10	WASHER-HARD (13.5X25.5X3-MM THK)	
	20	1	**8T-9389**	2	BOLT (1/2-13X2.75-IN)	

E - ORDER BY THE CENTIMETER
M - METRIC PART
Y - SEPARATE ILLUSTRATION

361-2674 **LIGHTING GP-FLOOD (**contd.**)** **i04580054**



GRAPHIC #1 <END> g03177841

361-6772 LIGHTING GP-FLOOD

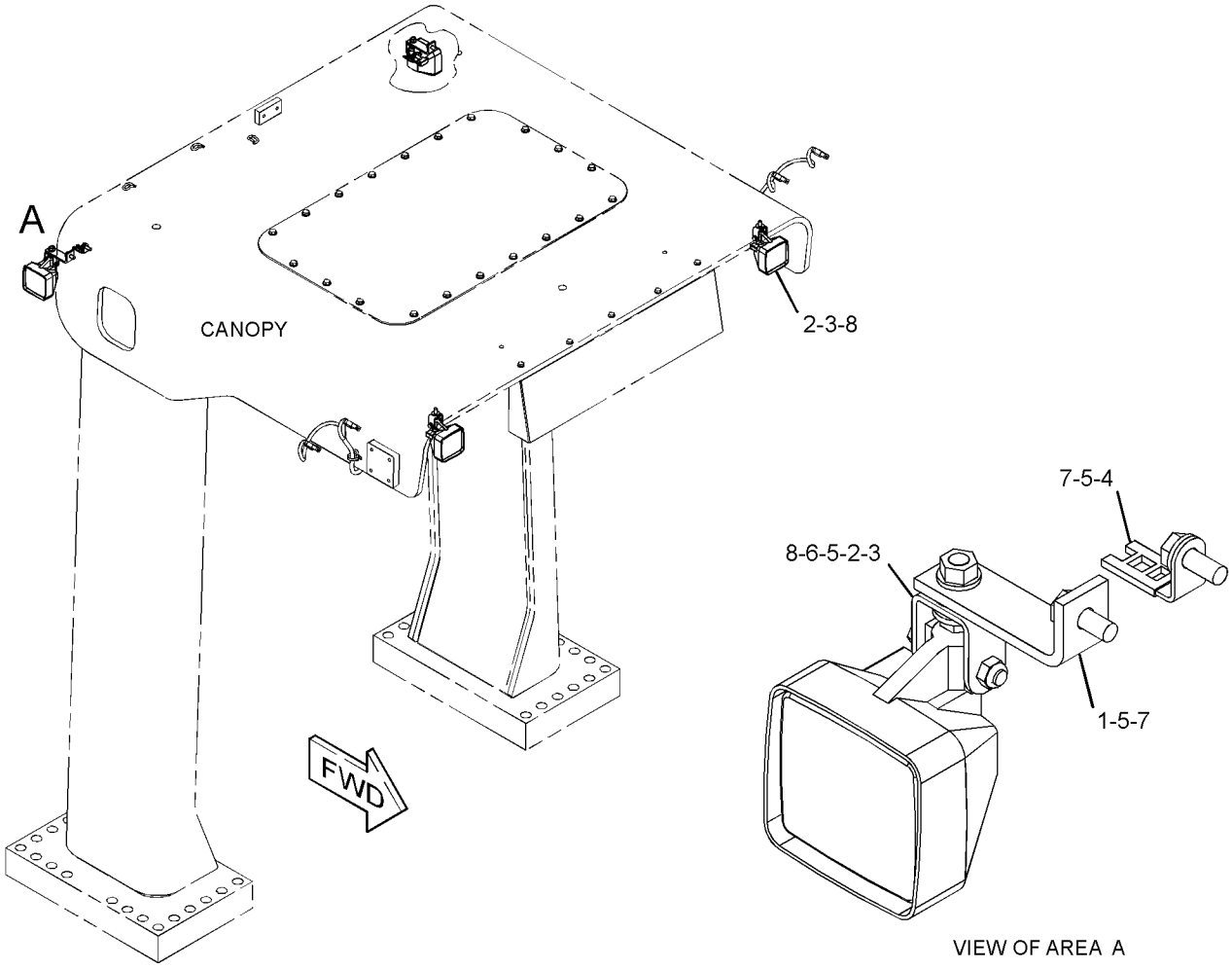
S/N: BTW1-UP

PART OF 234-7870, 234-7875 LIGHTING AR-STOP & FLOOD

SMCS-1434 **i04840691**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9X-9365**	2	BRACKET	
	2	1	**353-2833**	4	LAMP GP-FLOOD (24-VOLT)	
					(EACH INCLUDES)	
		1	**9X-3463**	1	LAMP-HALOGEN (24-VOLT, 70-WATT)	
M		1	**9X-4244**	2	SCREW-SPECIAL (M4X1.79X25-MM)	
		1	**202-6614**	1	LENS AS (FLOODLIGHT)	
	3	1	**353-2835**	4	BRACKET AS-MOUNTING	
	4	1	**132-5789**	2	CLIP (LADDER)	
	5	1	**8T-4121**	6	WASHER-HARD (11X21X2.5-MM THK)	
M	6	1	**8T-4133**	2	NUT (M10X1.5-THD)	
M	7	1	**8T-4136**	4	BOLT (M10X1.5X25-MM)	
M	8	1	**8T-4195**	4	BOLT (M10X1.5X30-MM)	

M - METRIC PART



GRAPHIC #1 <END> g02730451

361-6773 LIGHTING GP-FLOOD

S/N: BTW202-UP

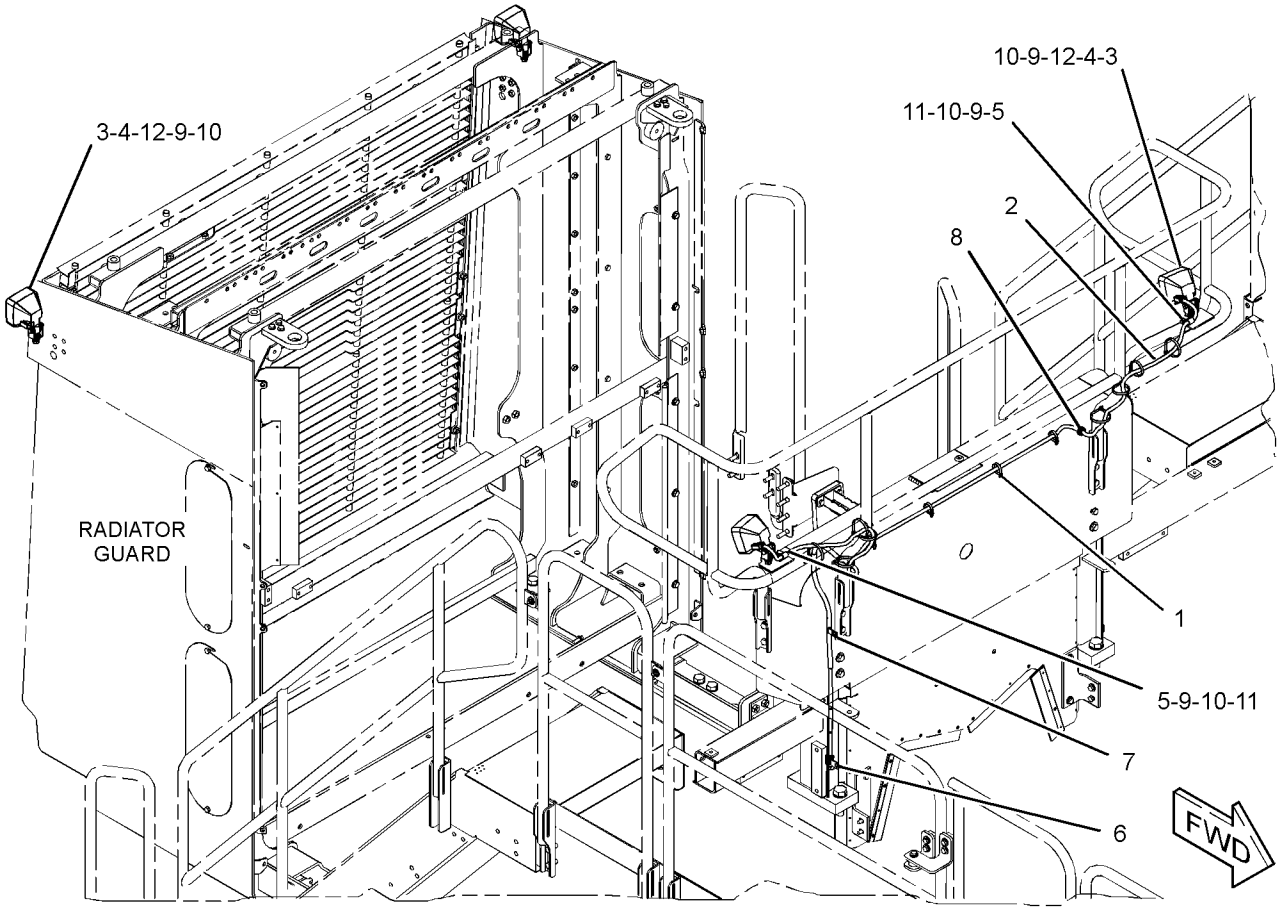
PART OF 234-7875 LIGHTING AR-STOP & FLOOD

SMCS-1434 **i04840812**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9X-6772**	12	STRAP-CABLE	
	2	1	**301-2935**	1	HARNESS AS-LIGHTING	
		1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	**8T-8729**	2	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	**8T-8730**	4	SOCKET-CONNECTOR (16-GA TO 18-GA)	
E		1	**114-8843**		SLEEVE-PLASTIC (60-CM)	
E		1	**125-7875**		TUBE-HEAT SHRINK (7.44-MM DIA) (10-CM)	
		1	**155-2270**	2	KIT-CONNECTING PLUG (2-PIN)	
					(INCLUDES PLUG AS & WEDGE)	
	3	1	**353-2834**	4	LAMP GP-FLOOD (24-VOLT)	
					(EACH INCLUDES)	
M		1	**9X-4244**	2	SCREW-SPECIAL (M4X1.79X25-MM)	
		1	**202-6614**	1	LENS AS	
		1	**351-9918**	1	LAMP-HALOGEN (24-VOLT, 70-WATT)	
	4	1	**353-2835**	4	BRACKET AS-MOUNTING	
	5	1	**033-8248**	2	CLIP	
	6	1	**130-5300**	1	CLIP	
	7	1	**6V-3265**	2	CLIP	
	8	1	**8K-1433**	2	GROMMET	
	9	1	**8T-4121**	8	WASHER-HARD (11X21X2.5-MM THK)	
M	10	1	**8T-4133**	6	NUT (M10X1.5-THD)	
M	11	1	**8T-4136**	2	BOLT (M10X1.5X25-MM)	
M	12	1	**8T-4195**	4	BOLT (M10X1.5X30-MM)	

E - ORDER BY THE CENTIMETER
M - METRIC PART

361-6773 **LIGHTING GP-FLOOD (**contd.**)** **i04840812**



GRAPHIC #1 <END> g02731573

361-6774 LIGHTING GP-FLOOD

S/N: BTW193-UP

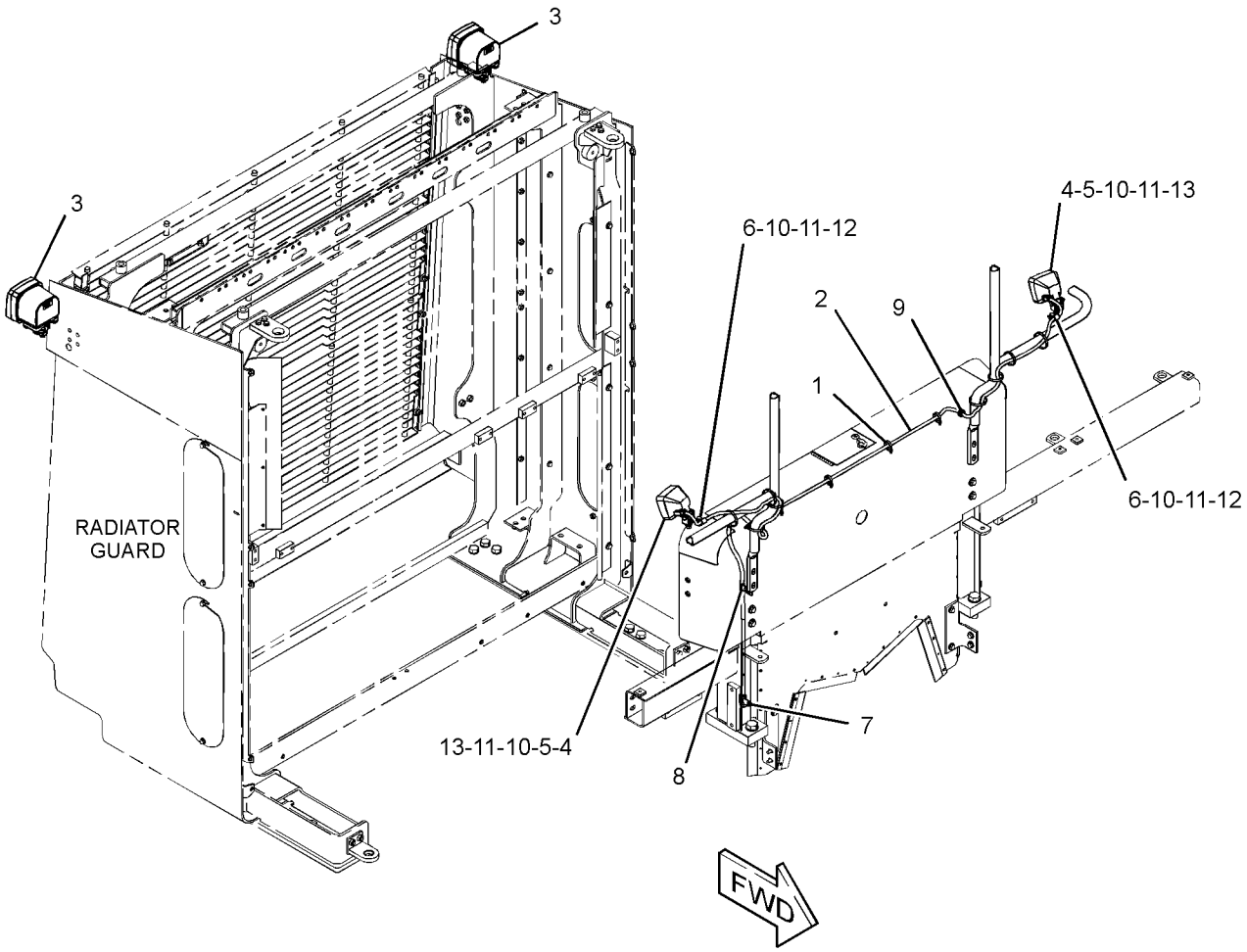
PART OF 234-7870 LIGHTING AR-STOP & FLOOD

SMCS-1434 **i04840811**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9X-6772**	12	STRAP-CABLE	
	2	1	**301-2935**	1	HARNESS AS-LIGHTING	
		1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	**8T-8729**	2	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	**8T-8730**	4	SOCKET-CONNECTOR (16-GA TO 18-GA)	
E		1	**114-8843**		SLEEVE-PLASTIC (60-CM)	
E		1	**125-7875**		TUBE-HEAT SHRINK (7.44-MM DIA) (10-CM)	
		1	**155-2270**	2	KIT-CONNECTING PLUG (2-PIN)	
					(EACH KIT INCLUDES PLUG AS & WEDGE)	
YR	3	1	**347-9427**	2	LAMP GP-FLOOD (24-VOLT, 35-WATT, HID)	417
	4	1	**353-2834**	2	LAMP GP-FLOOD (24-VOLT)	
					(EACH INCLUDES)	
M		1	**9X-4244**	2	SCREW-SPECIAL (M4X1.79X25-MM)	
		1	**202-6614**	1	LENS AS	
		1	**351-9918**	1	LAMP-HALOGEN (24-VOLT, 70-WATT)	
	5	1	**353-2835**	2	BRACKET AS-MOUNTING	
	6	1	**033-8248**	2	CLIP	
	7	1	**130-5300**	1	CLIP	
	8	1	**6V-3265**	2	CLIP	
	9	1	**8K-1433**	2	GROMMET	
	10	1	**8T-4121**	6	WASHER-HARD (11X21X2.5-MM THK)	
M	11	1	**8T-4133**	4	NUT (M10X1.5-THD)	
M	12	1	**8T-4136**	2	BOLT (M10X1.5X25-MM)	
M	13	1	**8T-4195**	2	BOLT (M10X1.5X30-MM)	

E - ORDER BY THE CENTIMETER
M - METRIC PART
R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

361-6774 **LIGHTING GP-FLOOD (**contd.**)** **i04840811**



GRAPHIC #1 <END> g02731162

8R-5645 LIGHTING GP-STOP–2-LAMP, REAR

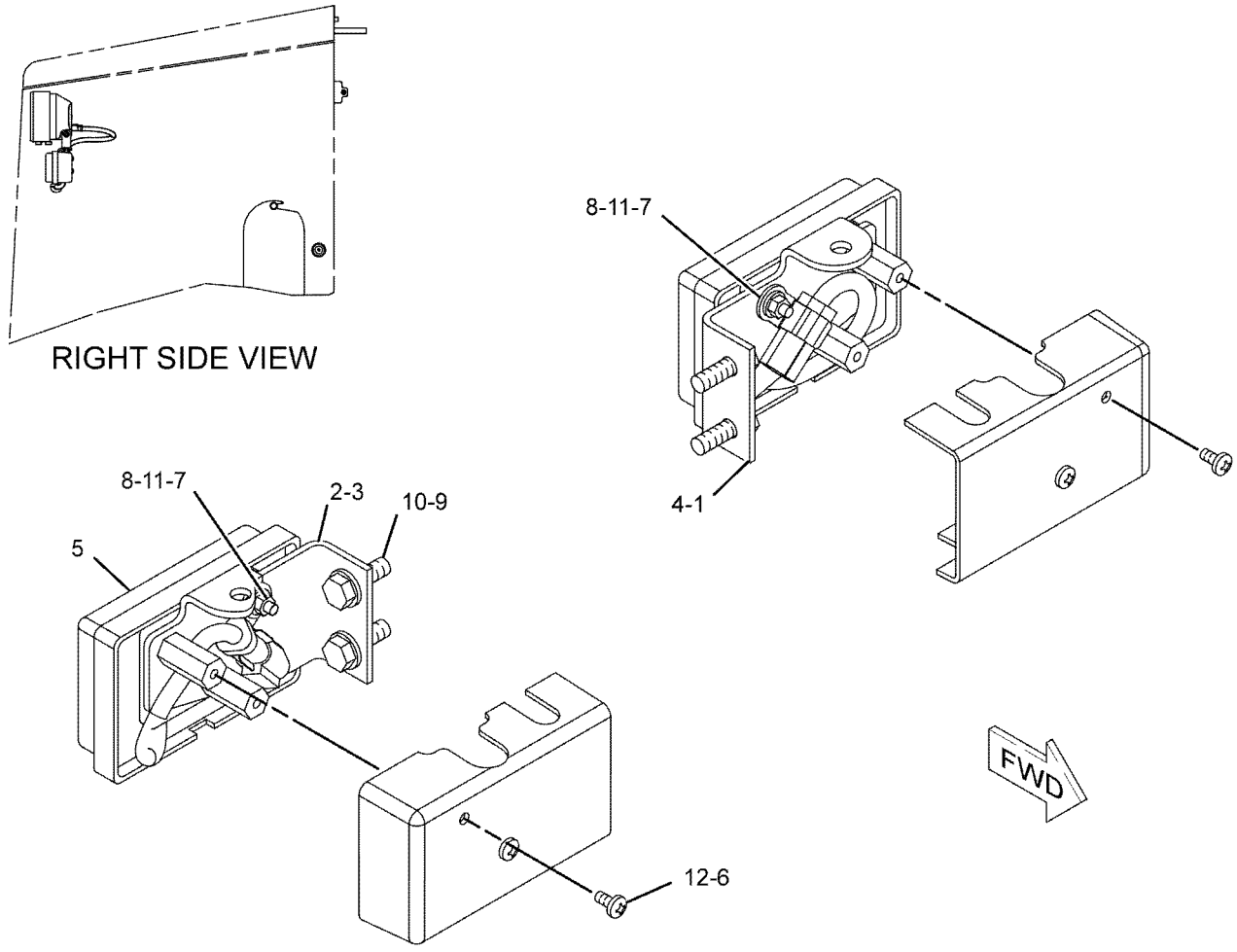
S/N: BTW1-226

PART OF 234-7875 LIGHTING AR-STOP & FLOOD

SMCS-1432 **i03645056**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-8975**	1	BRACKET	
	2	1	**4E-8976**	1	BRACKET	
	3	1	**4E-9924**	1	COVER (RH)	
	4	1	**4E-9925**	1	COVER (LH)	
Y	5	1	**135-0426**	2	LAMP GP-SIGNAL (24-VOLT, STOP, TAIL)	423
C	6	1	**230-8152**	4	SPACER	
C	7	1	**230-9715**	2	CLIP AS	
CM	8	1	**5C-2890**	2	NUT (M6X1-THD)	
	9	1	**8T-4121**	4	WASHER-HARD (11X21X2.5-MM THK)	
M	10	1	**8T-4195**	4	BOLT (M10X1.5X30-MM)	
C	11	1	**8T-4205**	2	WASHER-HARD (7.2X14.5X2-MM THK)	
M	12	1	**8T-6411**	4	SCREW-MACHINE (M6X1X12-MM)	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g01024643

8R-5645 LIGHTING GP-STOP—2-LAMP, REAR

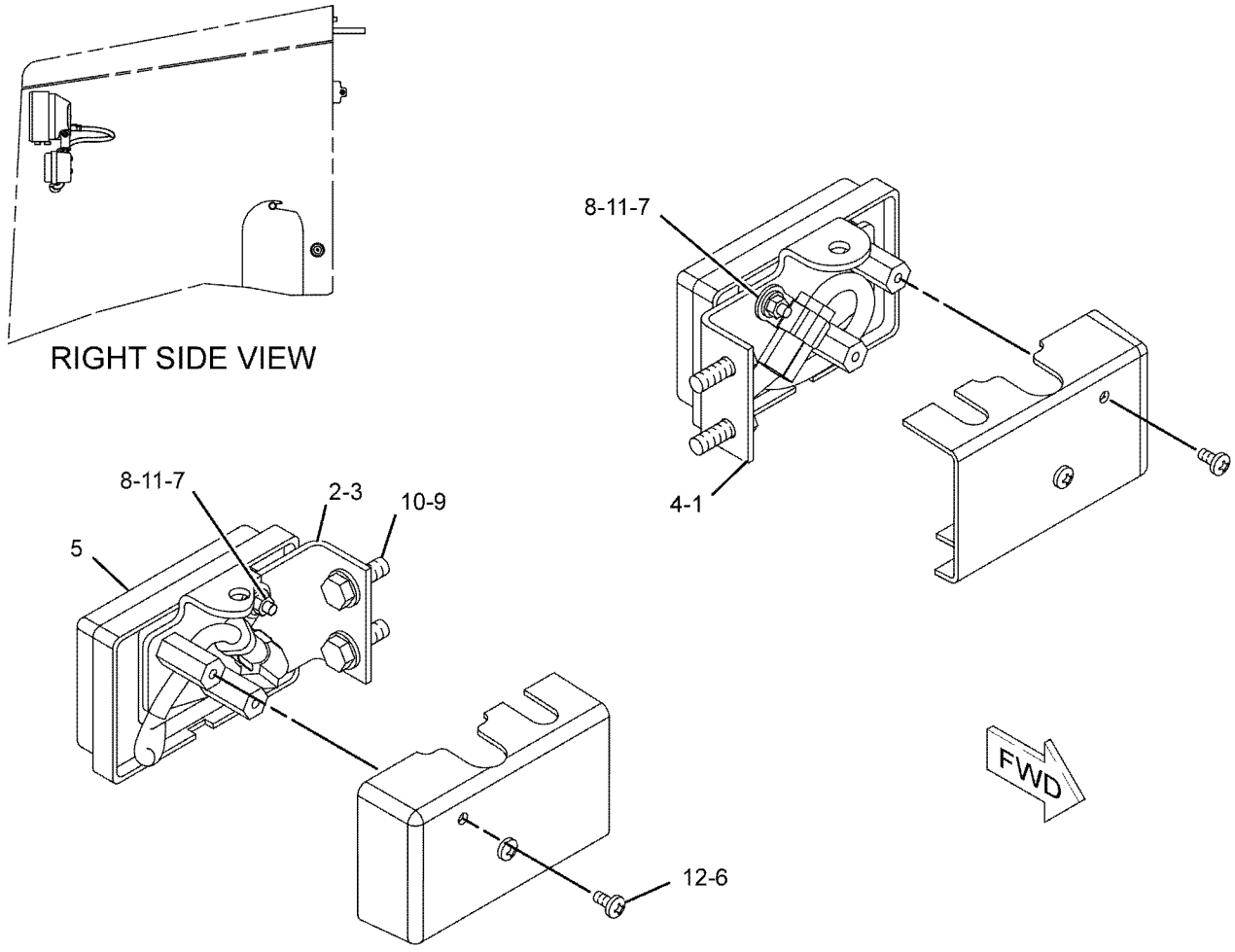
S/N: BTW227-UP

PART OF 234-7875 LIGHTING AR-STOP & FLOOD

SMCS-1432 **i04936548**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-8975**	1	BRACKET	
	2	1	**4E-8976**	1	BRACKET	
	3	1	**4E-9924**	1	COVER (RH)	
	4	1	**4E-9925**	1	COVER (LH)	
CY	5	1	**334-8049**	2	LAMP GP-SIGNAL (24-VOLT, STOP, TAIL)	424
	6	1	**230-8152**	4	SPACER	
C	7	1	**116-0118**	2	CLIP	
M	8	1	**5C-2890**	2	NUT (M6X1-THD)	
	9	1	**8T-4121**	4	WASHER-HARD (11X21X2.5-MM THK)	
M	10	1	**8T-4195**	4	BOLT (M10X1.5X30-MM)	
	11	1	**8T-4205**	2	WASHER-HARD (7.2X14.5X2-MM THK)	
M	12	1	**8T-6411**	4	SCREW-MACHINE (M6X1X12-MM)	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g01024643

224-9280 LIGHTING GP-STOP & TAIL—2-LAMP, HID, RADIATOR GUARD

S/N: BTW1-UP

PART OF 234-7870 LIGHTING AR-STOP & FLOOD

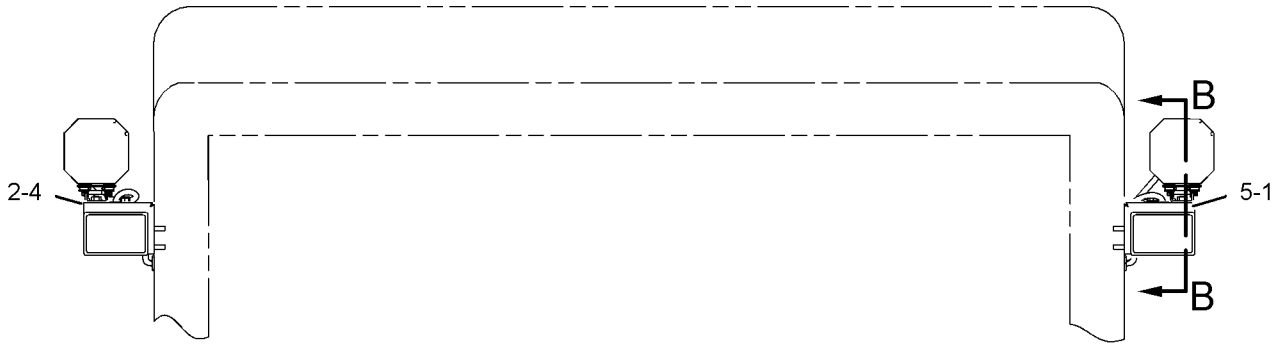
TYPE 1

SMCS-1432 **i02386878**

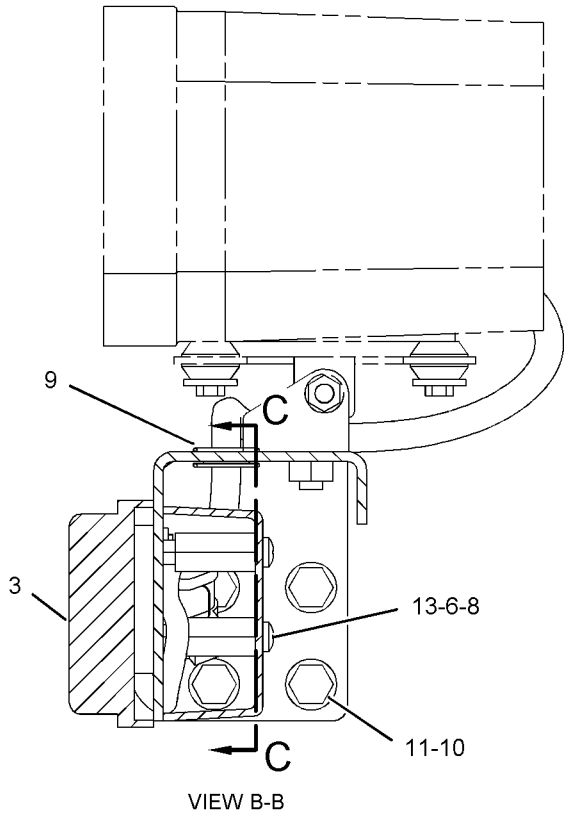
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-9924**	1	COVER (RH)	
	2	1	**4E-9925**	1	COVER (LH)	
Y	3	1	**135-0426**	2	LAMP GP-SIGNAL (24-VOLT, STOP, TAIL)	423
	4	1	**219-0601**	1	BRACKET AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	5	1	**219-0602**	1	BRACKET AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	6	1	**230-8152**	4	SPACER	
	7	1	**230-9715**	2	CLIP AS	
M	8	1	**5C-2890**	6	NUT (M6X1-THD)	
	9	1	**8P-8540**	2	GROMMET	
	10	1	**8T-4121**	8	WASHER-HARD (11X21X2.5-MM THK)	
M	11	1	**8T-4195**	8	BOLT (M10X1.5X30-MM)	
	12	1	**8T-4205**	2	WASHER-HARD (7.2X14.5X2-MM THK)	
M	13	1	**8T-6411**	4	SCREW-MACHINE (M6X1X12-MM)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION

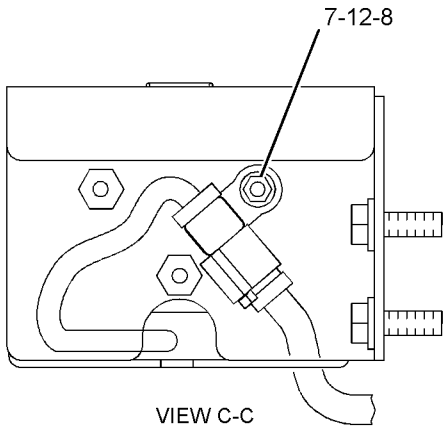
224-9280 **LIGHTING GP-STOP & TAIL (**contd.**)** **i02386878**



REAR VIEW



VIEW B-B



VIEW C-C

GRAPHIC #1 <END> g01022623

224-9280 LIGHTING GP-STOP & TAIL—2-LAMP, HID, RADIATOR GUARD

S/N: BTW1-UP

PART OF 234-7870 LIGHTING AR-STOP & FLOOD

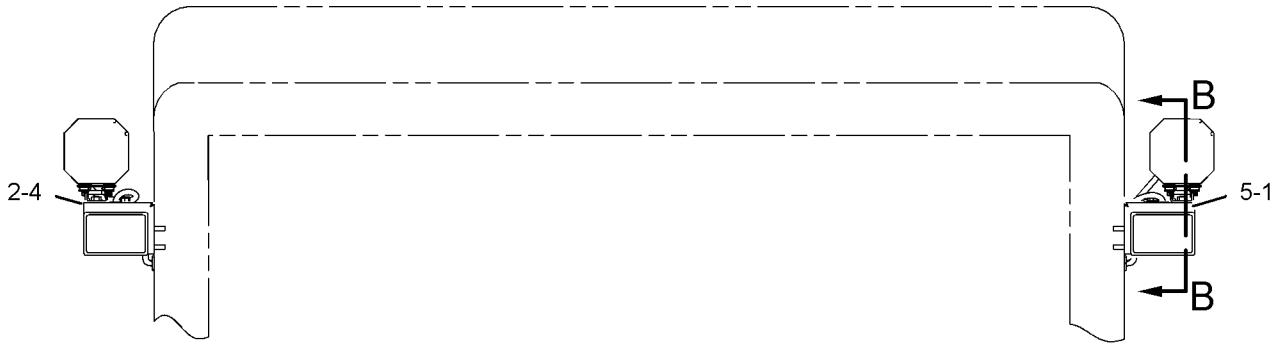
TYPE 2

SMCS-1432 **i04560780**

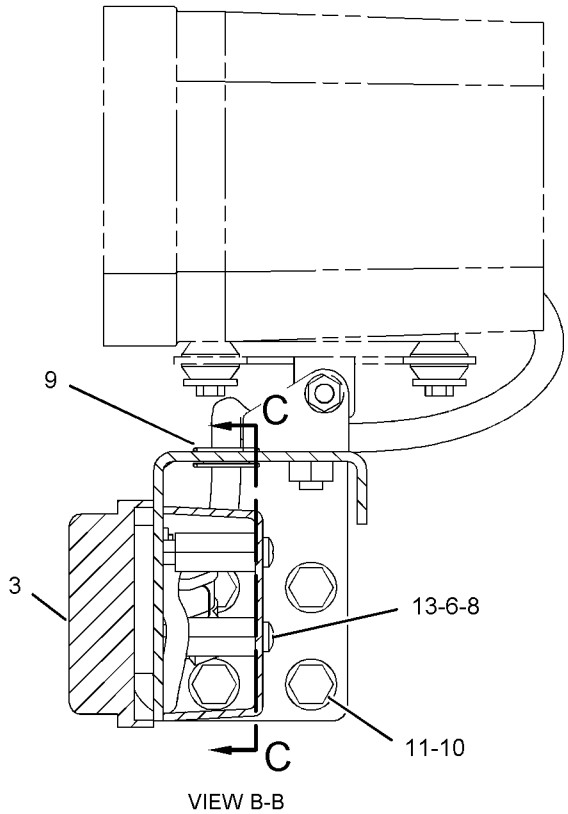
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-9924**	1	COVER (RH)	
	2	1	**4E-9925**	1	COVER (LH)	
Y	3	1	**334-8049**	2	LAMP GP-SIGNAL (24-VOLT, STOP, TAIL)	424
	4	1	**219-0601**	1	BRACKET AS	
	5	1	**219-0602**	1	BRACKET AS	
	6	1	**230-8152**	4	SPACER	
	7	1	**116-0118**	2	CLIP	
M	8	1	**5C-2890**	6	NUT (M6X1-THD)	
	9	1	**8P-8540**	2	GROMMET	
	10	1	**8T-4121**	8	WASHER-HARD (11X21X2.5-MM THK)	
M	11	1	**8T-4195**	8	BOLT (M10X1.5X30-MM)	
	12	1	**8T-4205**	2	WASHER-HARD (7.2X14.5X2-MM THK)	
M	13	1	**8T-6411**	4	SCREW-MACHINE (M6X1X12-MM)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION

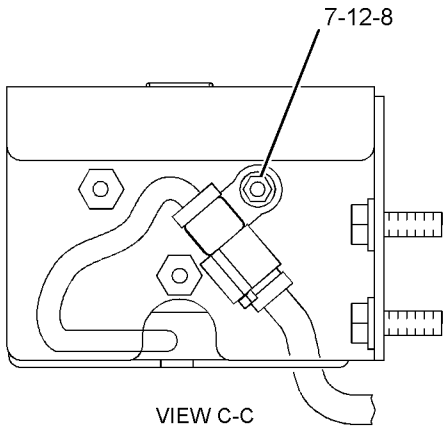
224-9280 **LIGHTING GP-STOP & TAIL (**contd.**)** **i04560780**



REAR VIEW



VIEW B-B



VIEW C-C

GRAPHIC #1 <END> g01022623

236-5694 LIGHTING GP-WARNING BEACON

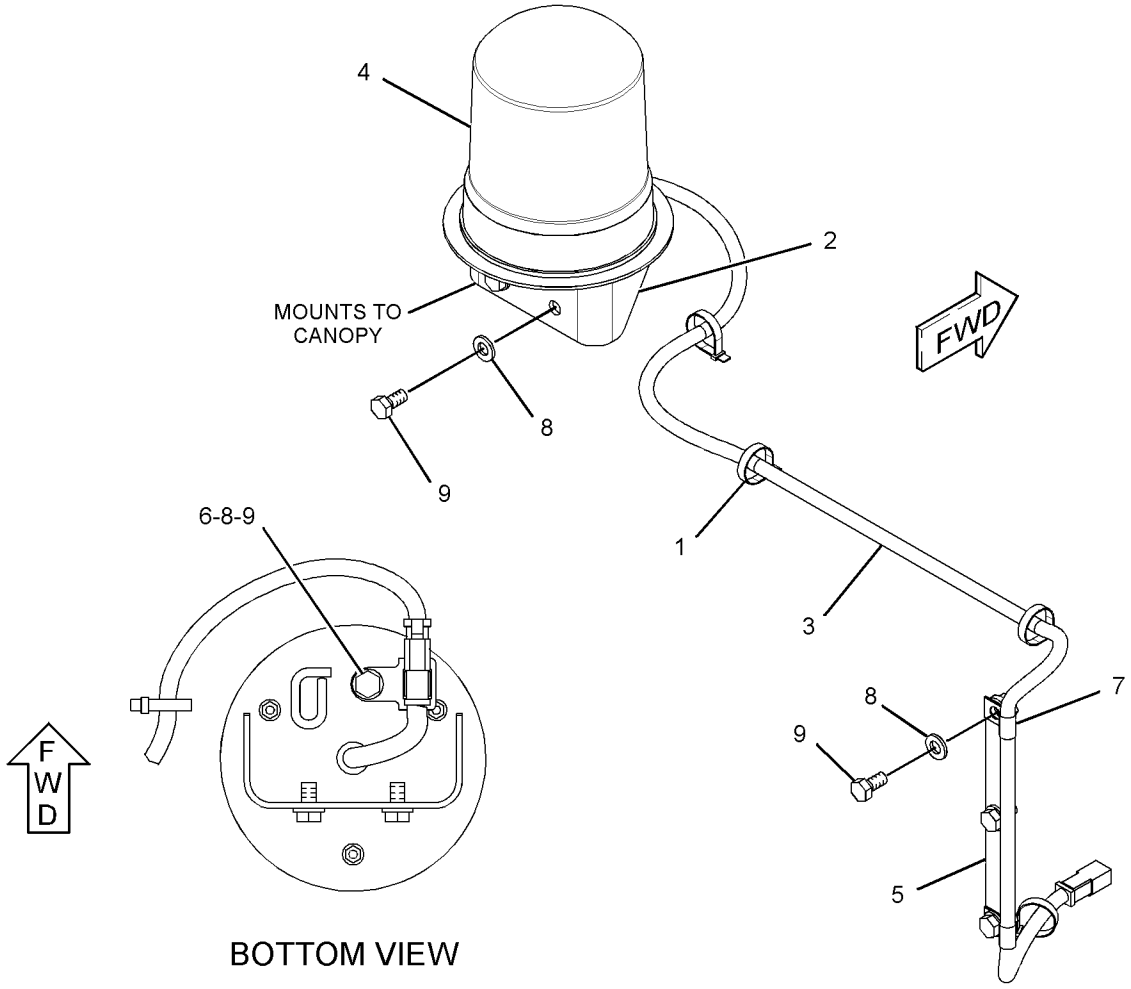
S/N: BTW1-255

PART OF 240-7880 LIGHTING AR-WARNING BEACON

SMCS-1431 **i02661642**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9X-6772**	4	STRAP-CABLE	
	2	1	**186-5196**	1	BRACKET AS	
		1	**7T-1099**	1	LINK	
	3	1	**225-0272**	1	HARNESS AS-LIGHTING (WARNING BEACON)	
		1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	**155-2270**	1	KIT-CONNECTING PLUG (2-PIN)	
					(INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
Y	4	1	**235-3937**	1	LAMP GP-WARNING BEACON (24-VOLT, AMBER, ROTATING)	425
	5	1	**237-1996**	1	PLATE AS	
M		1	**8T-3490**	2	NUT-WELD (M10X1.5-THD)	
	6	1	**130-5300**	1	CLIP	
	7	1	**5P-9085**	2	CLIP	
	8	1	**8T-4121**	6	WASHER-HARD (11X21X2.5-MM THK)	
M	9	1	**8T-4137**	6	BOLT (M10X1.5X20-MM)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g01372695

236-5694 LIGHTING GP-WARNING BEACON

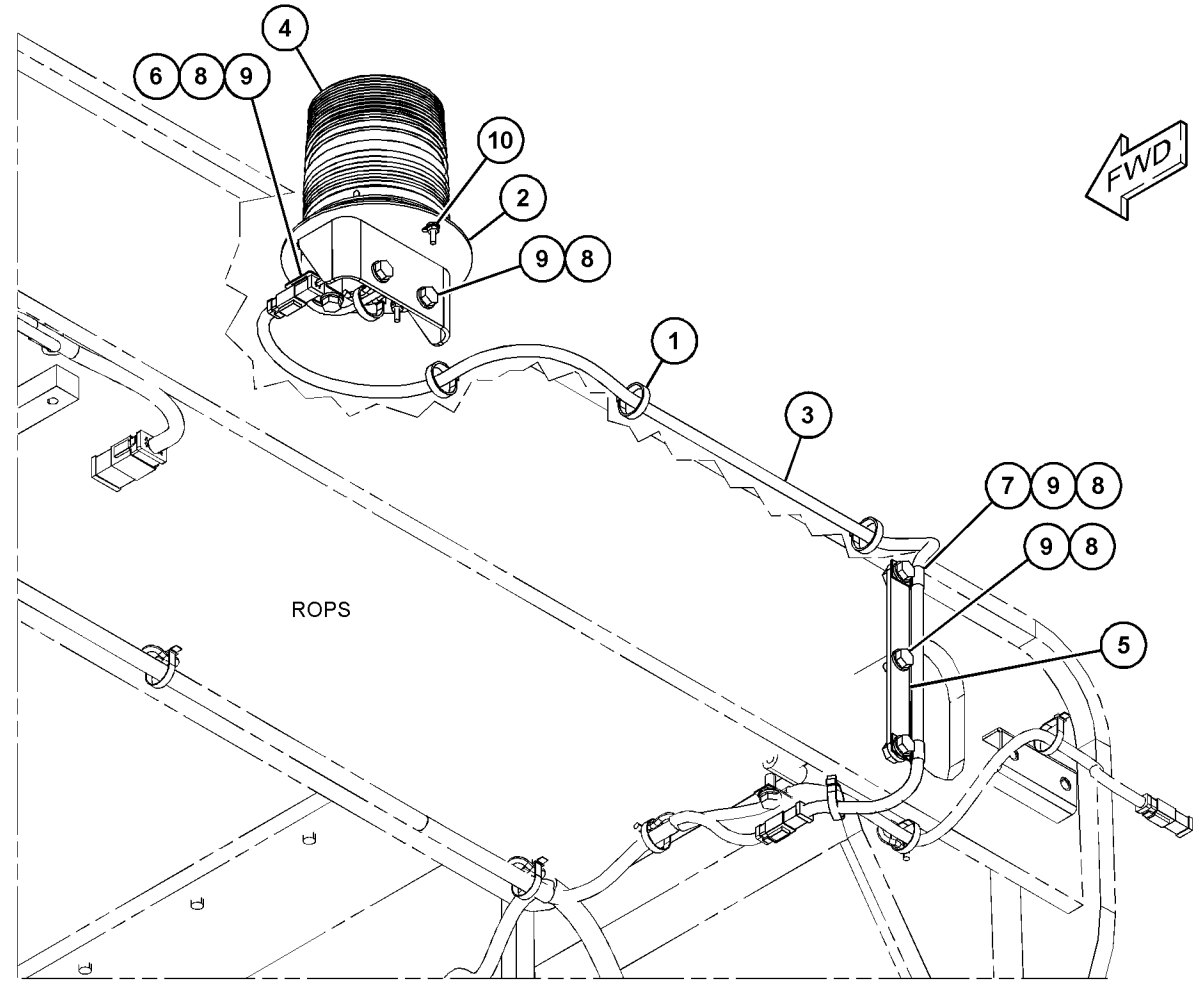
S/N: BTW256-UP

PART OF 240-7880 LIGHTING AR-WARNING BEACON

SMCS-1431 **i05954922**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	**7K-1181**	5	STRAP-CABLE	
C	2	1	**351-7169**	1	BRACKET AS	
	3	1	**225-0272**	1	HARNESS AS-LIGHTING (WARNING BEACON)	
		1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	**155-2270**	1	KIT-CONNECTING PLUG (2-PIN)	
					(INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
CY	4	1	*338-1132*	1	LAMP GP-WARNING BEACON (STROBE)	427
	5	1	**237-1996**	1	PLATE AS	
M		1	**8T-3490**	2	NUT-WELD (M10X1.5-THD)	
	6	1	**130-5300**	1	CLIP	
	7	1	**5P-9085**	2	CLIP	
	8	1	**8T-4121**	6	WASHER-HARD (11X21X2.5-MM THK)	
M	9	1	**8T-4137**	6	BOLT (M10X1.5X20-MM)	
C	10	1	**9X-8256**	3	WASHER (6.6X12X2-MM THK)	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g06001448

252-9529 MOUNTING GP-CAMERA–WORK AREA VISUAL SYSTEM

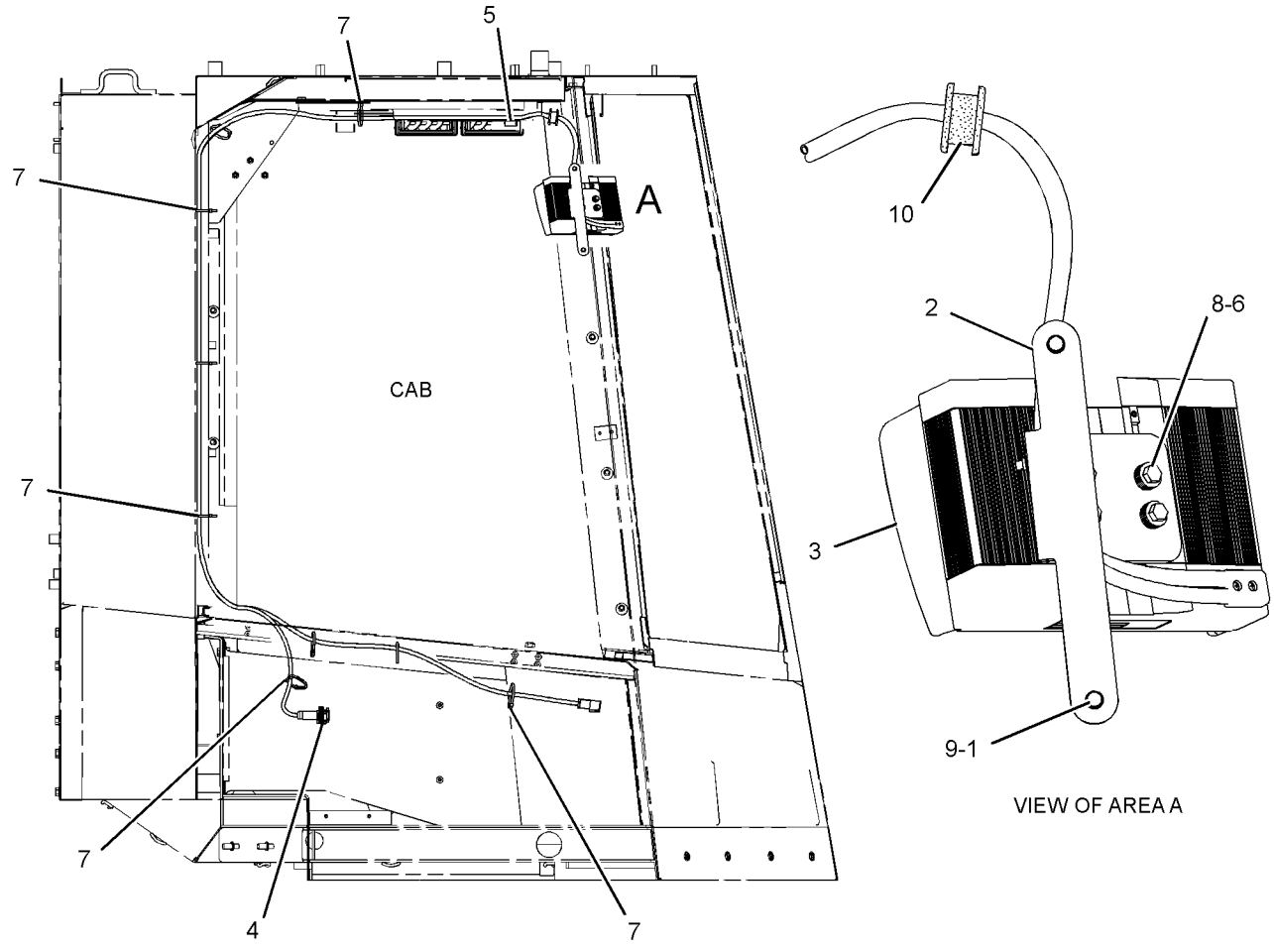
S/N: BTW1-UP

PART OF 267-8836 CAMERA AR

SMCS-7348 **i04936603**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**9X-2616**	2	SCREW-SOCKET (M8X1.25X16-MM)	
	2	1	**250-1817**	1	BRACKET	
	3	1	**344-2731**	1	MODULE GP-DISPLAY (WORK AREA VISUAL SYSTEM)	
		1	**8T-8729**	5	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	**8T-8737**	1	PLUG-SEAL	
		1	**102-8805**		KIT-RECEPTACLE (6-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	**344-3848**	1	HARNESS AS-MONITOR (WORK AREA VISUAL SYSTEM)	
C	4	1	**333-8153**	1	CONNECTION AS	
	5	1	**1V-3593**	1	CLIP	
B	6	1	**4B-4274**	16	WASHER (5.5X13X1.2-MM THK)	
	7	1	**7K-1181**	10	STRAP-CABLE	
M	8	1	**8T-0287**	4	BOLT (M5X0.8X10-MM)	
	9	1	**8T-4224**	2	WASHER-HARD (8.8X16X2-MM THK)	
	10	1	**9G-4191**	1	GROMMET	

B - USE AS REQUIRED
C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART



GRAPHIC #1 <END> g01898153

252-9529 MOUNTING GP-CAMERA—WORK AREA VISUAL SYSTEM

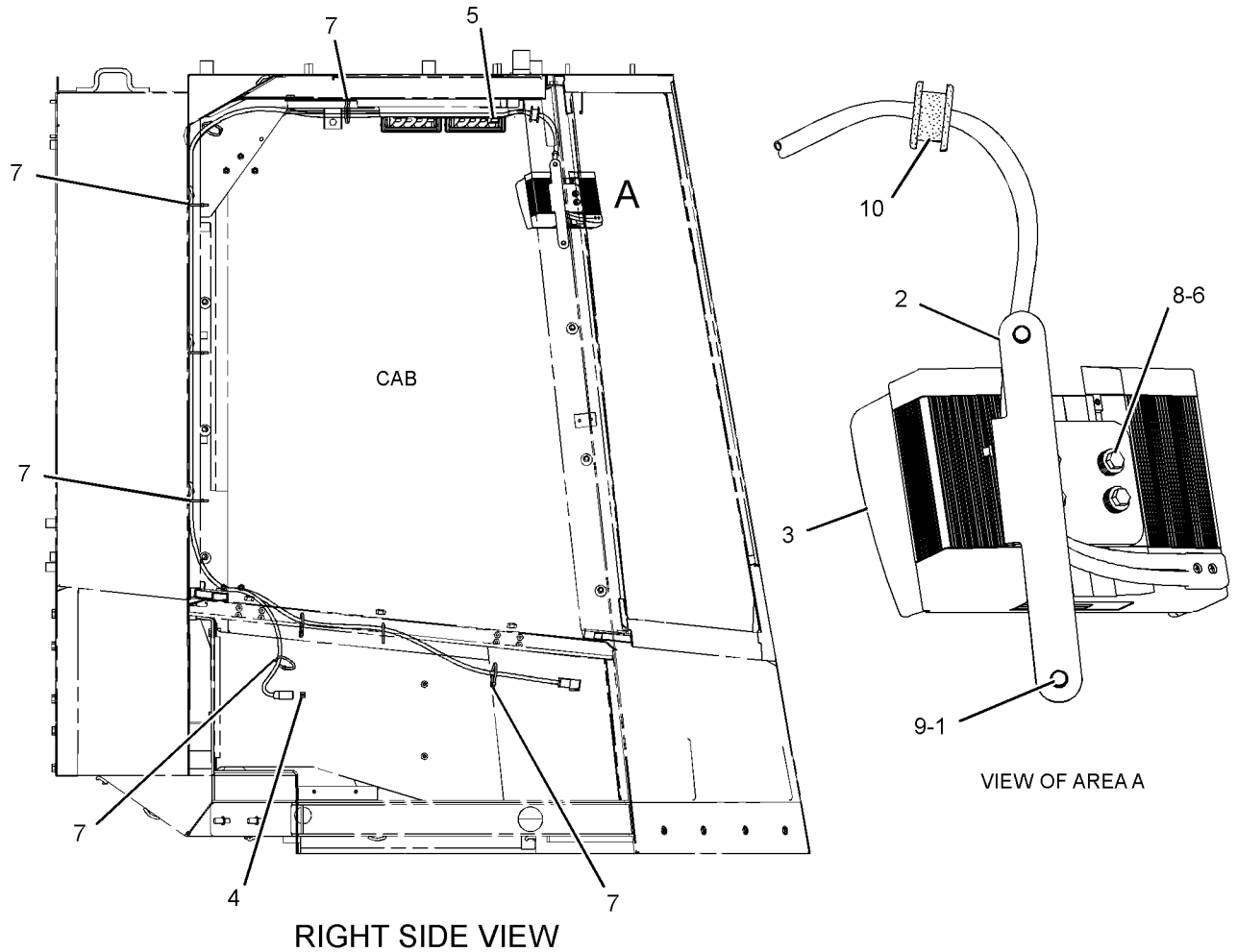
S/N: BTW1-184

PART OF 267-8836 CAMERA AR

SMCS-7348 **i02946640**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**9X-2616**	2	SCREW-SOCKET (M8X1.25X16-MM)	
	2	1	**250-1817**	1	BRACKET	
	3	1	**251-4157**	1	MODULE GP-DISPLAY (WORK AREA VISUAL SYSTEM)	
		1	**280-2690**	1	HARNESS AS-MONITOR (WORK AREA VISUAL SYSTEM)	
		1	**8T-8737**	1	PLUG-SEAL	
		1	**102-8804**	1	KIT-RECEPTACLE (4-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	**186-3735**	5	PIN-CONNECTOR (16-GA TO 18-GA)	
	4	1	**251-4243**	1	CONNECTION GP-ELECTRICAL	
	5	1	**1V-3593**	1	CLIP	
B	6	1	**4B-4274**	16	WASHER (5.5X13X1.2-MM THK)	
	7	1	**7K-1181**	10	STRAP-CABLE	
M	8	1	**8T-0288**	4	BOLT (M5X0.8X12-MM)	
	9	1	**8T-4224**	2	WASHER-HARD (8.8X16X2-MM THK)	
	10	1	**9G-4191**	1	GROMMET	

B - USE AS REQUIRED
M - METRIC PART



GRAPHIC #1 <END> g01447820

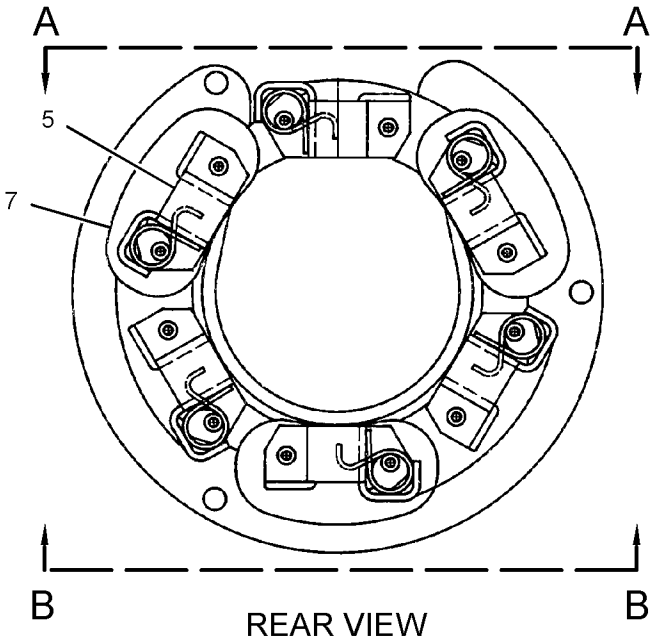
3T-9525 PLATE AS-BRUSH

S/N: BTW1-UP

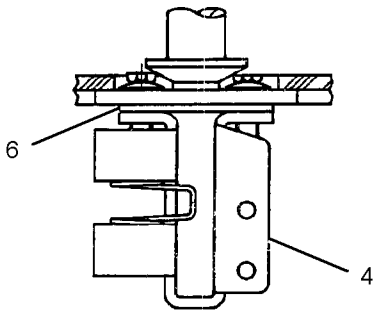
PART OF 338-3454, 352-9767 STARTING MOTOR GP-ELECTRIC

SMCS-4463 **i04083269**

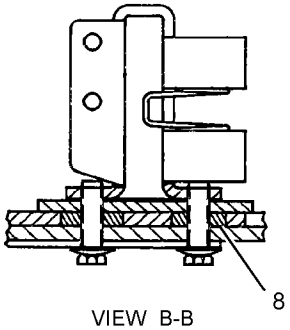
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6T-0372**	1	PLATE	
	2	1	**6T-0371**	1	INSULATOR	
	3	1	**9F-5599**	12	LOCKWASHER	
	4	1	**6T-0363**	6	HOLDER AS-BRUSH	
					(EACH INCLUDES)	
		1	**3T-9494**	1	SPRING	
	5	1	**3T-4709**	3	PLATE	
	6	1	**3T-4710**	3	PLATE	
	7	1	**2L-6679**	3	PLATE-INSULATOR	
	8	1	**7F-3525**	6	WASHER-SPECIAL (0.207X0.39X0.09-IN THK)	
	9	1	**5P-6298**	12	SCREW-MACHINE (10-32X0.5-IN)	



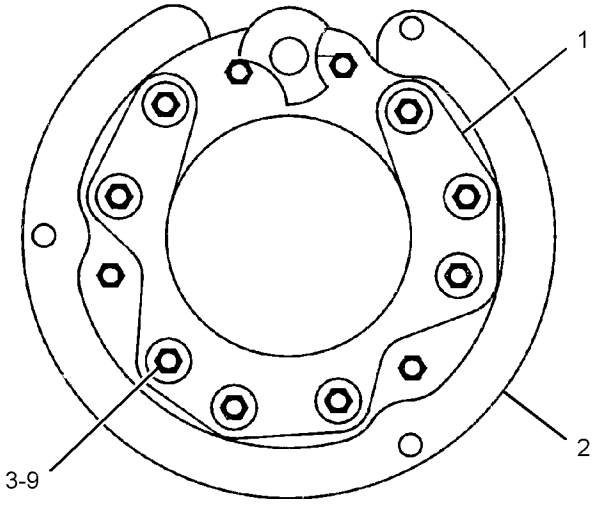
REAR VIEW



VIEW A-A



VIEW B-B



FRONT VIEW

GRAPHIC #1 <END> g02294074

263-9088 RADIO GP-COMMUNICATION–PRODUCT LINK 121SR

S/N: BTW173-192

FIELD REPLACEMENT ORDER 336-3545–PAGE: 476

PART OF 268-3889 INSTALLATION GP-COMMUNICATION

SMCS-733T **i03729421**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	336-3566	1	SOFTWARE GP-COMMUNICATION (PRODUCT LINK 121SR)	

<END>

336-3545 RADIO GP-COMMUNICATION–PRODUCT LINK 121SR

S/N: BTW193-UP

FIELD REPLACEMENT FOR 263-9088–PAGE: 476

PART OF 268-3889 INSTALLATION GP-COMMUNICATION

SMCS-733T **i06862271**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	499-3794	1	SOFTWARE GP-COMMUNICATION (PRODUCT LINK 121SR)	

<END>

280-4101 SENSOR GP-ENGINE

S/N: EHX1-UP

PART OF 217-5670, 271-8633, 360-3755 ENGINE AR-COMPLETE

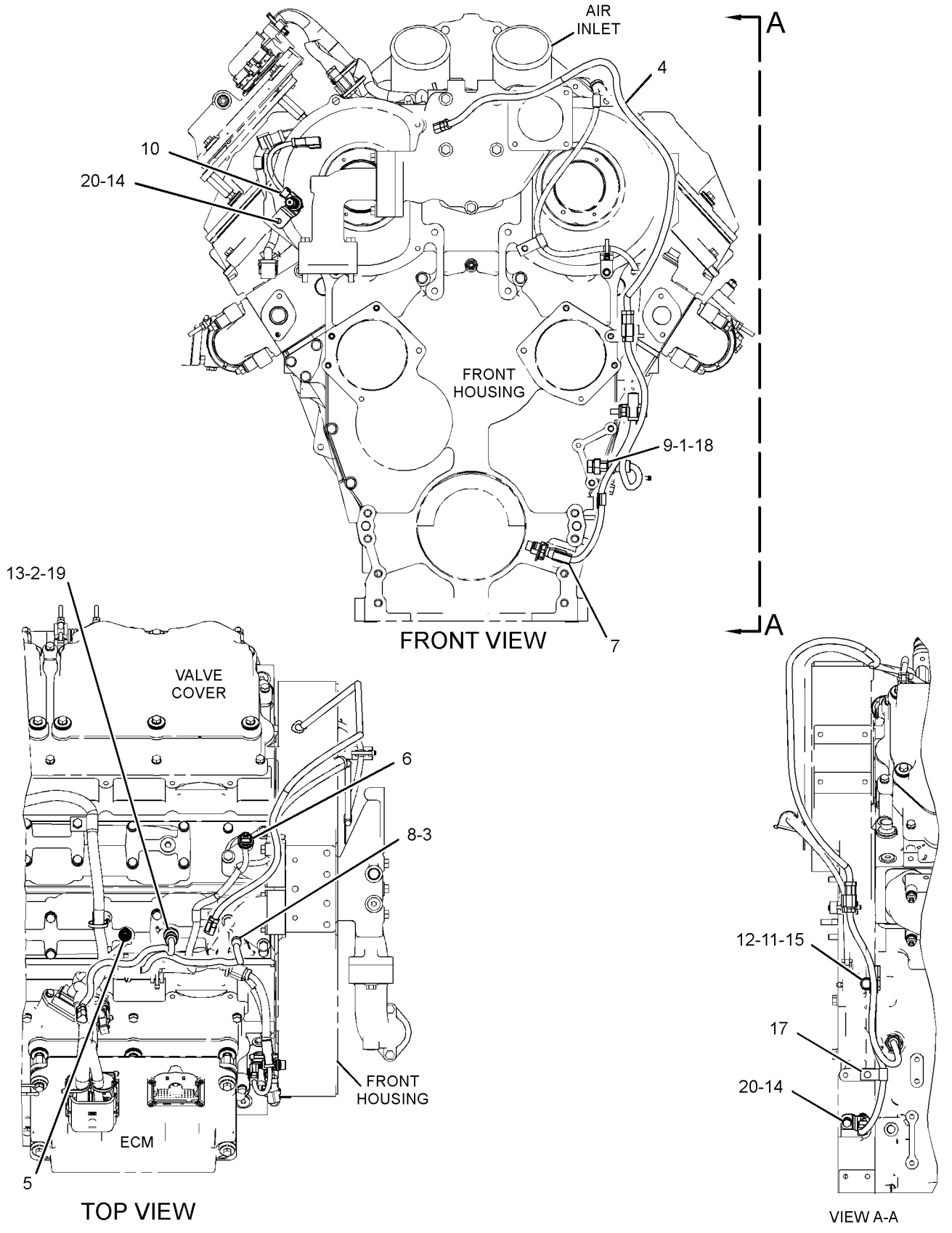
SMCS-1718, 1906, 1907, 1912, 1917, 1923, 1924, 1928, 1929, 7400

i05348813

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3E-5276**	1	ADAPTER	
	2	1	**9X-0262**	1	ADAPTER	
	3	1	**125-5835**	1	PLUG-FELT (ATMOSPHERIC PRESSURE SENSOR)	
	4	1	**132-3144**	1	HARNESS AS-WIRING (JUMPER) (ECM)	
		1	**155-2260**	4	KIT-CONNECTING PLUG (3-PIN)	
					(EACH INCLUDES PLUG AS & WEDGE)	
		1	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	**186-3735**	3	PIN-CONNECTOR (16-GA TO 18-GA)	
E		1	**9X-1813**		SLEEVE (95-CM)	
Y	5	1	*197-8391*	1	SENSOR GP-TEMPERATURE (INTAKE AIR)	496
Y	6	1	*197-8392*	1	SENSOR GP-TEMPERATURE (COOLANT)	498
Y	7	1	**230-7149**	1	SENSOR GP-SPEED (CRANKSHAFT)	491
Y	8	1	*239-2395*	1	SENSOR GP-PRESSURE (ATMOSPHERIC)	487
Y	9	1	*239-2396*	1	SENSOR GP-PRESSURE (ENGINE OIL)	488
Y	10	1	*239-2397*	1	SENSOR GP-SPEED (CAMSHAFT)	492
	11	1	**0S-0509**	1	BOLT (3/8-16X0.75-IN)	
	12	1	**132-5789**	1	CLIP (LADDER)	
Y	13	1	*240-2035*	1	SENSOR GP-PRESSURE (INTAKE AIR)	489
	14	1	**2H-3755**	2	BOLT (5/16-18X0.43-IN)	
	15	1	**5M-2894**	1	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	17	1	**6V-3265**	1	CLIP	
	18	1	**6V-4589**	1	SEAL-O-RING	
	19	1	**6V-5048**	2	SEAL-O-RING	
	20	1	**9M-1974**	2	WASHER-HARD (8.8X16X2-MM THK)	

E - ORDER BY THE CENTIMETER
Y - SEPARATE ILLUSTRATION

280-4101 **SENSOR GP-ENGINE (**contd.**)** **i05348813**



GRAPHIC #1 <END> g03423549

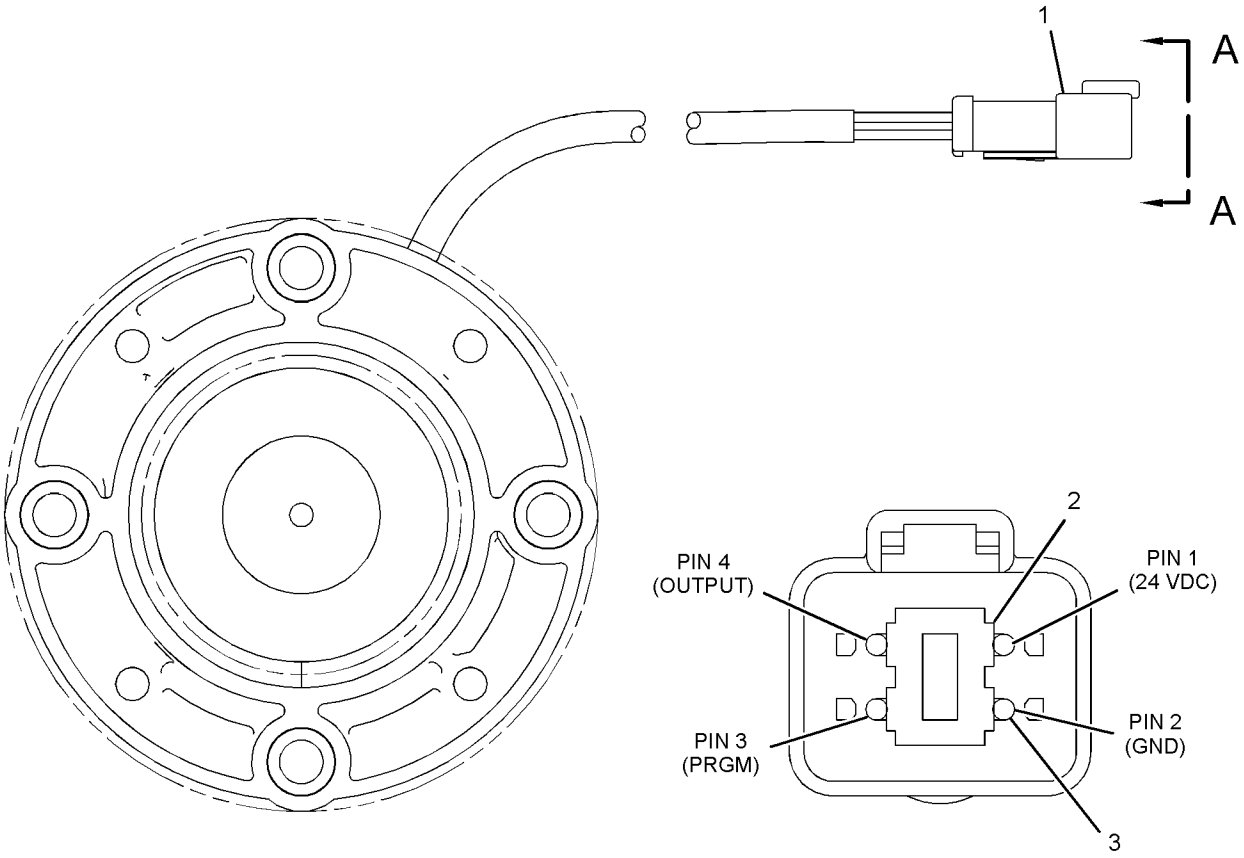
124-9325 SENSOR GP-FUEL LEVEL

S/N: BTW1-UP

PART OF 221-9246 TANK GP-FUEL

SMCS-1273 **i02787701**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**102-8804**	1	KIT-RECEPTACLE (4-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	2	1	**3E-3377**	1	WEDGE-RECEPTACLE LOCK (4-PIN)	
	3	1	**186-3735**	4	PIN-CONNECTOR (16-GA TO 18-GA)	



VIEW A-A

GRAPHIC #1 <END> g01392955

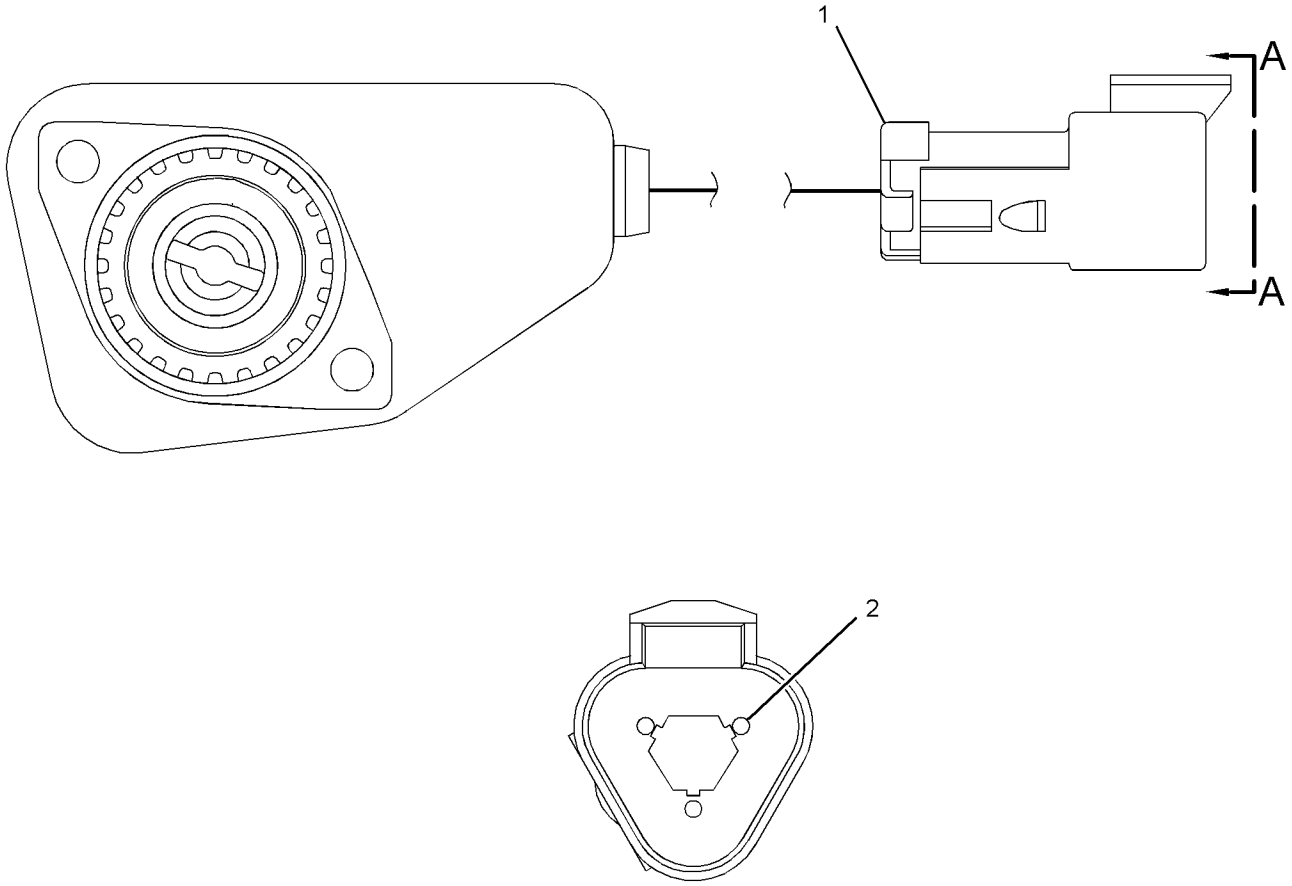
204-7949 SENSOR GP-POSITION

S/N: BTW1-UP
8 VOLT, 500 HERTZ, 72 DEGREE, ROTARY
PART OF 113-4799 PEDAL GP-GOVERNOR

SMCS-4269, 5702, 5736, 5737, 7494

i03628847

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	2	1	**186-3735**	3	PIN-CONNECTOR (16-GA TO 18-GA)	



VIEW A-A

GRAPHIC #1 <END> g01947324

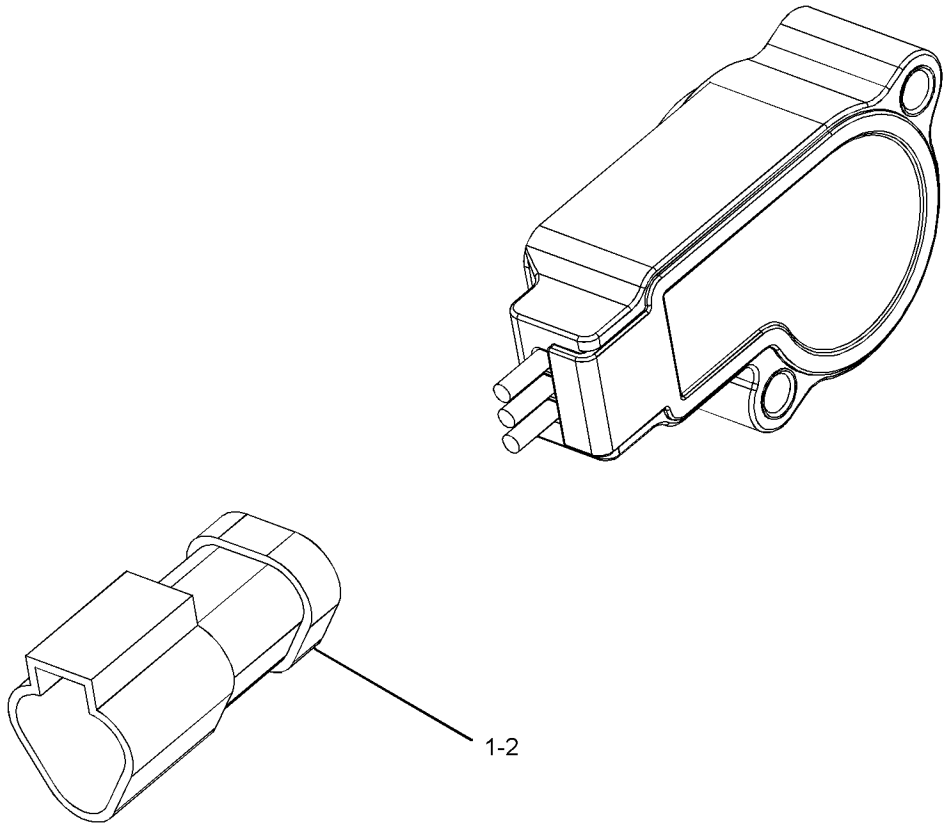
266-1466 SENSOR GP-POSITION–ROTARY

S/N: BTW1-UP
500 HERTZ, 72 DEGREE
PART OF 113-4799 PEDAL GP-GOVERNOR

SMCS-4269, 5702, 5736, 5737, 7494

i06688188

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	2	1	**9X-3401**	3	PIN-CONNECTOR (16-GA TO 18-GA)	
					–OR–	
		1	**126-1767**	3	PIN-CONNECTOR (14-GA TO 16-GA)	



GRAPHIC #1

<END>

g01903155

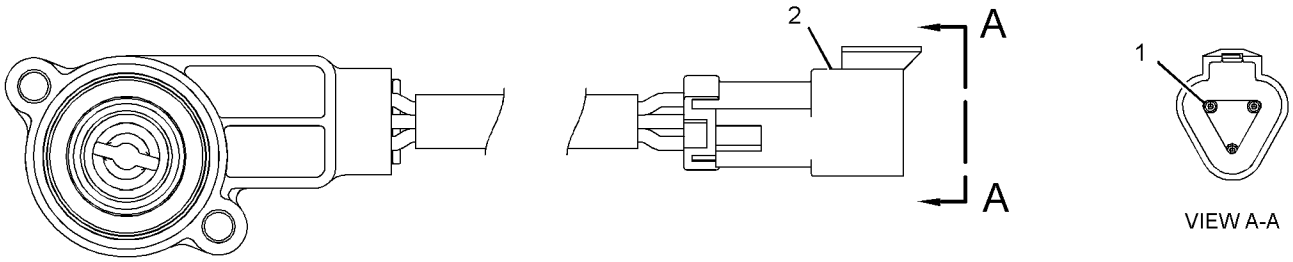
266-1478 SENSOR GP-POSITION–ROTARY

S/N: BTW1-UP

PART OF 205-9236 PEDAL GP-BRAKE

SMCS-4269, 5702, 5736, 5737, 7494 **i04371809**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9X-3401**	3	PIN-CONNECTOR (16-GA TO 18-GA)	
					–OR–	
		1	**126-1767**	3	PIN-CONNECTOR (14-GA TO 16-GA)	
	2	1	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	



GRAPHIC #1 <END> g02604920

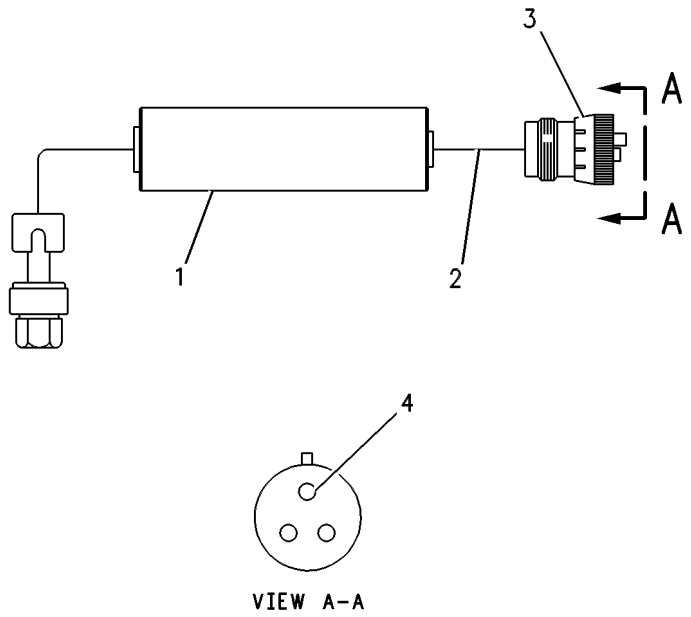
100-4311 SENSOR GP-PRESSURE

S/N: BTW1-UP
5 KHZ. PULSE WIDTH MODULATION
PART OF 234-7879 WIRING GP-ENGINE

SMCS-1408, 1925, 7494 **i03408062**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Z	1	1		1	CONTROL AS-ELECTRONIC	
E	2	1	**9X-1813**		SLEEVE (19-CM)	
	3	1	**8T-8731**	1	PLUG-CONNECTOR (3-PIN)	
	4	1	**8T-8730**	3	SOCKET-CONNECTOR (16-GA TO 18-GA)	

E - ORDER BY THE CENTIMETER
Z - NOT SERVICED SEPARATELY



GRAPHIC #1 <END> g00268727

194-6722 SENSOR GP-PRESSURE

S/N: EHX2487-UP

OPTIONAL FIELD REPLACEMENT ORDER 274-6717 SENSOR-PRESSURE, 249-5293—PAGE: 387

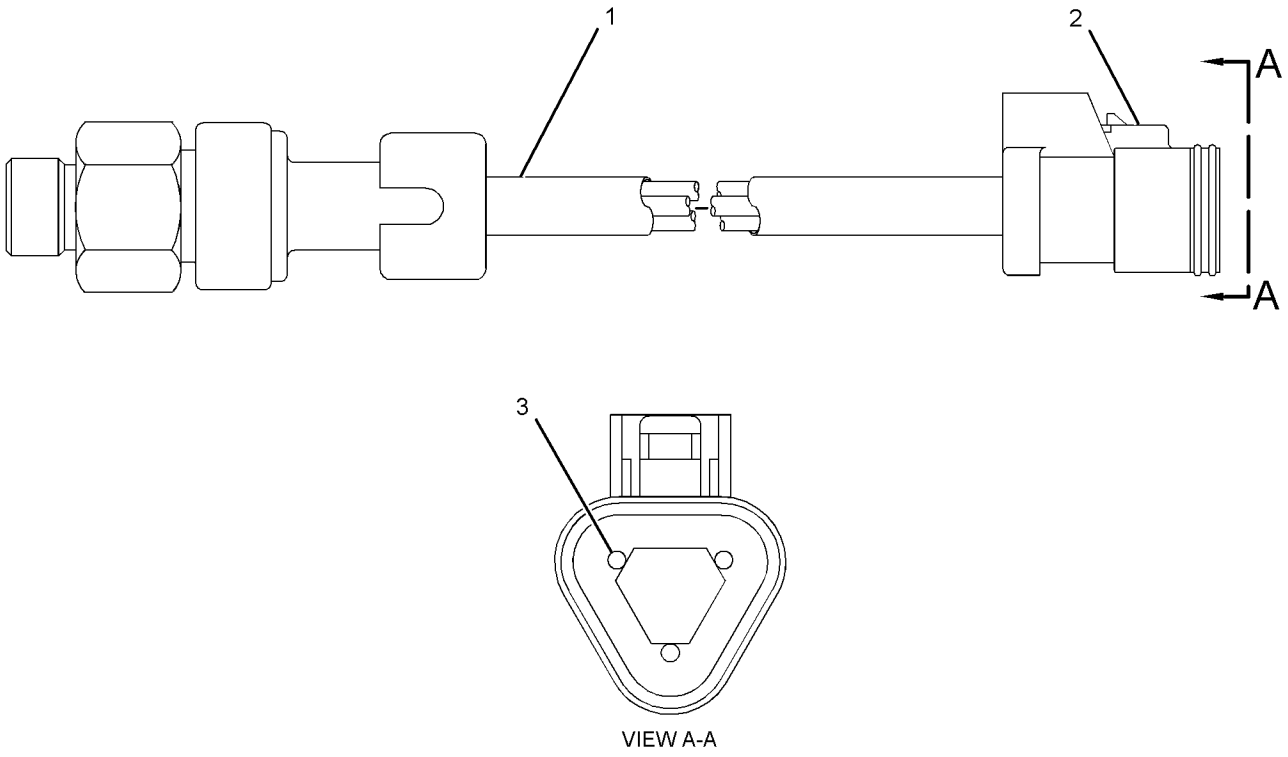
PART OF 239-2395 SENSOR GP-PRESSURE

SMCS-1408, 1925, 7494

i05962656

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
E	1	1	**9X-1813**		SLEEVE (34-CM)	
	2	1	**155-2260**	1	KIT-CONNECTING PLUG (3-PIN)	
					(INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
	3	1	**194-5226**	3	WIRE AS (16-GA)	
					—OR—	
		1	**194-5227**	3	WIRE AS (14-GA)	

E - ORDER BY THE CENTIMETER



VIEW A-A

GRAPHIC #1 <END> g01991395

194-6724 SENSOR GP-PRESSURE

S/N: EHX2487-UP

OPTIONAL FIELD REPLACEMENT ORDER 249-5293—PAGE: 387, 276-6793 SENSOR GP-PRESSURE

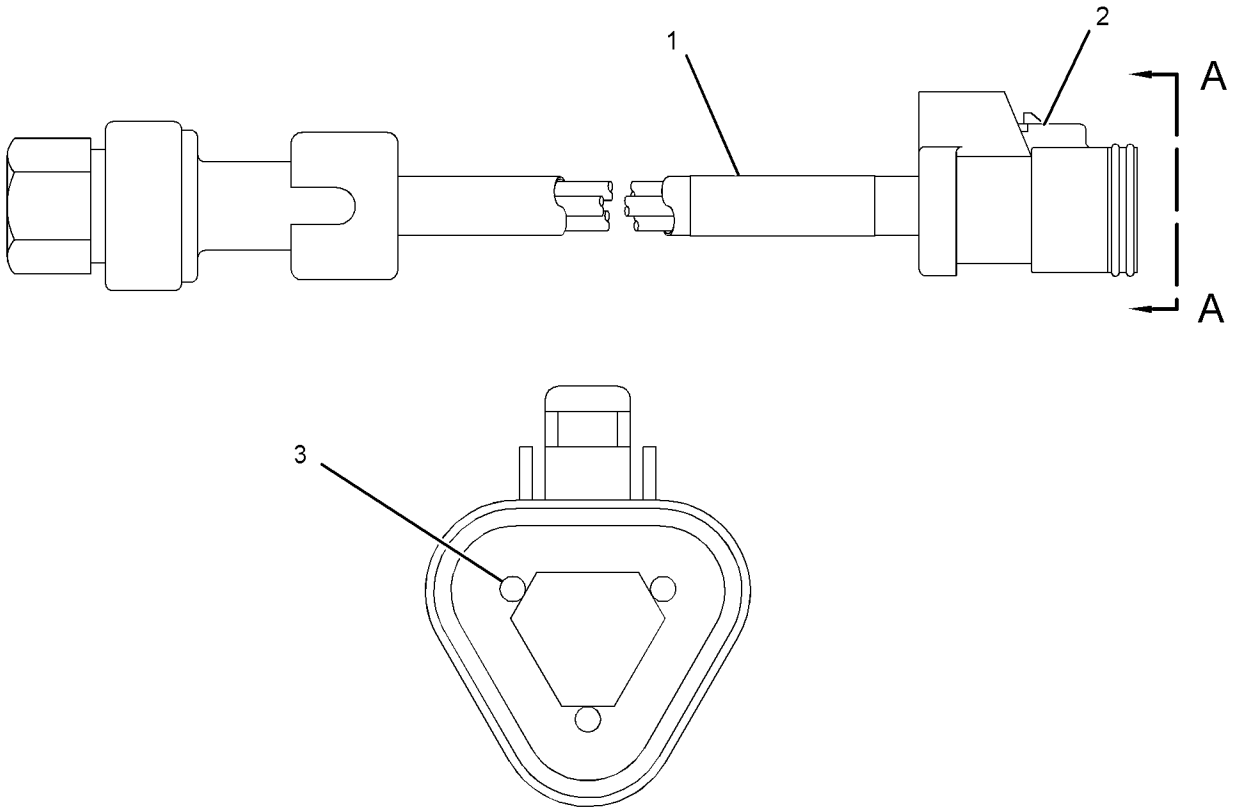
PART OF 240-2035 SENSOR GP-PRESSURE

SMCS-1408, 1925, 7494

i04925948

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
E	1	1	**9X-1813**		SLEEVE (34-CM)	
	2	1	**155-2260**	1	KIT-CONNECTING PLUG (3-PIN)	
					(INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
	3	1	**194-5226**	3	WIRE AS (16-GA)	

E - ORDER BY THE CENTIMETER



VIEW A-A

GRAPHIC #1 <END> g01662018

194-6725 SENSOR GP-PRESSURE

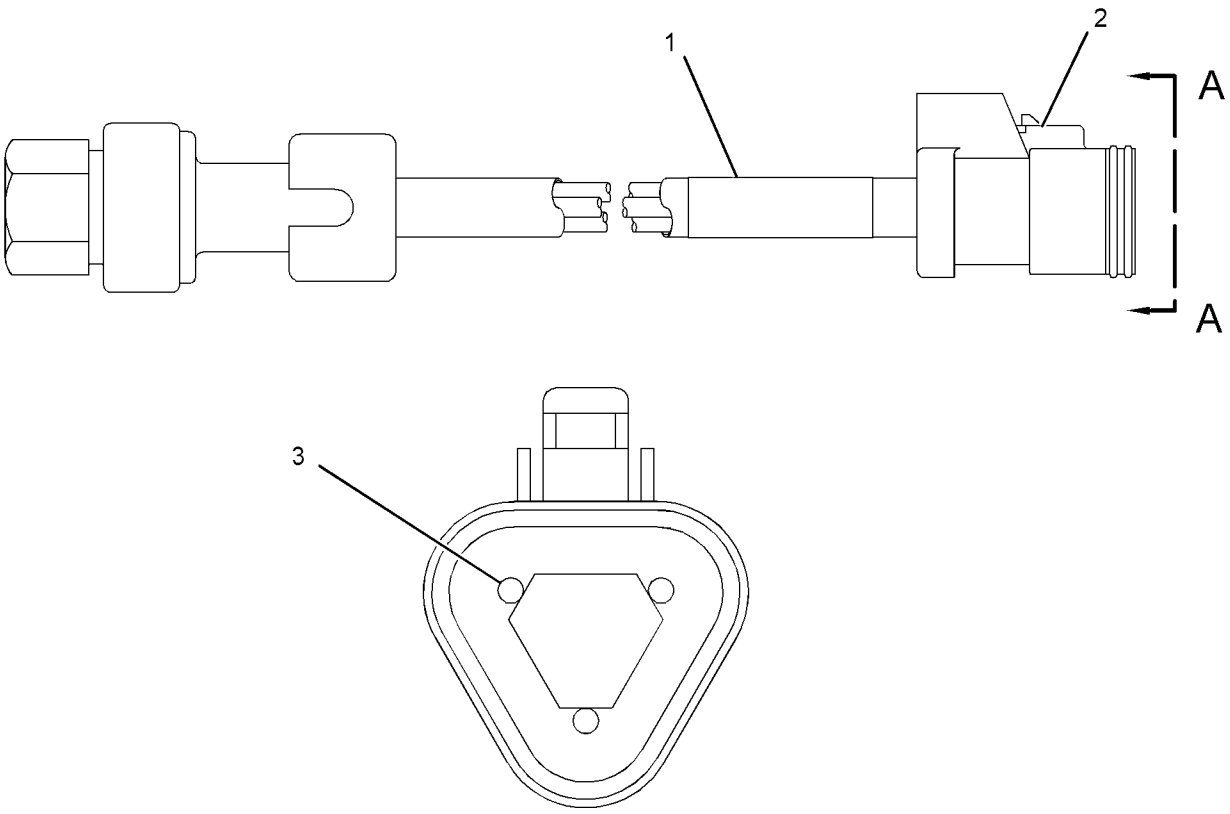
S/N: EHX1-UP

PART OF 239-2396 SENSOR GP-PRESSURE

SMCS-1408, 1925, 7494 **i05951693**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
E	1	1	**9X-1813**		SLEEVE (34-CM)	
	2	1	**155-2260**	1	KIT-CONNECTING PLUG (3-PIN)	
					(INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
	3	1	**194-5226**	3	WIRE AS (16-GA)	
					–OR–	
		1	**194-5227**	3	WIRE AS (14-GA)	

E - ORDER BY THE CENTIMETER



VIEW A-A

GRAPHIC #1 <END> g01662003

239-2395 SENSOR GP-PRESSURE

S/N: EHX2487-UP

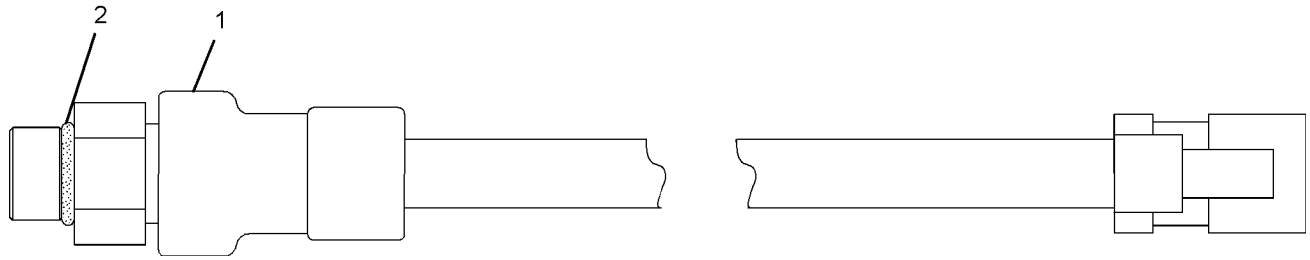
PART OF 280-4101 SENSOR GP-ENGINE

SMCS-1408, 1925, 7494

i05536482

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**194-6722**	1	SENSOR GP-PRESSURE	484
	2	1	**214-7568**	1	SEAL-O-RING	

Y - SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01019702

239-2396 SENSOR GP-PRESSURE

S/N: EHX1-UP

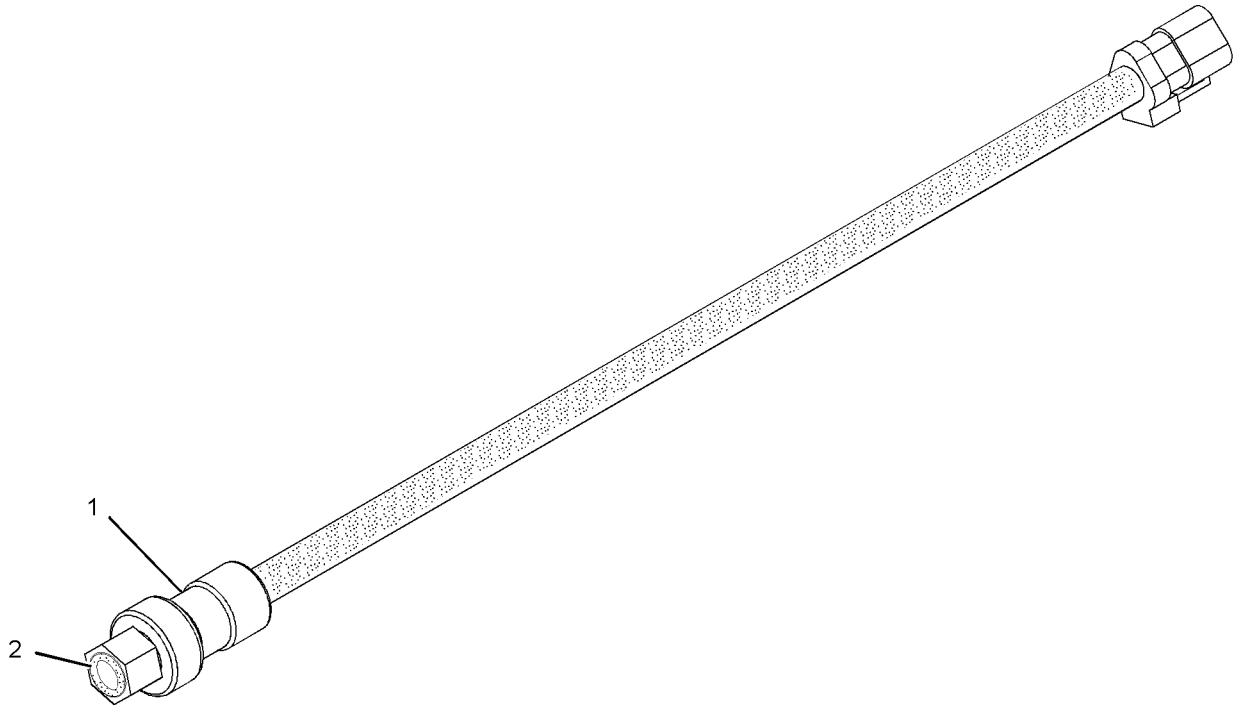
PART OF 217-5674 LINES GP-FUEL FILTER, 256-7941 MOUNTING GP-FUEL FILTER, 280-4101 SENSOR GP-ENGINE

SMCS-1408, 1925, 7494

i05536480

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**194-6725**	1	SENSOR GP-PRESSURE	486
	2	1	**214-7566**	1	SEAL-O-RING	

Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g01019323

240-2035 SENSOR GP-PRESSURE

S/N: EHX2487-UP

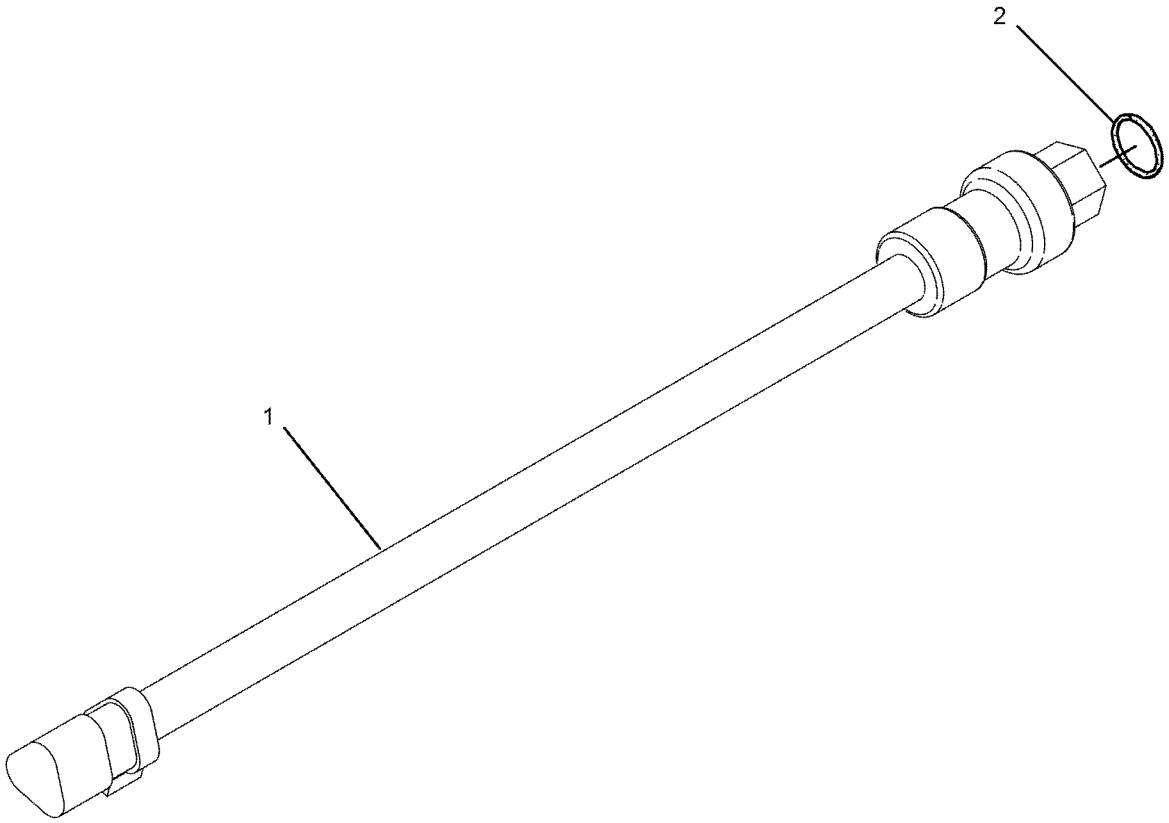
PART OF 280-4101 SENSOR GP-ENGINE

SMCS-1408, 1925, 7494

i02837581

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**194-6724**	1	SENSOR GP-PRESSURE	485
	2	1	**6V-5048**	1	SEAL-O-RING	

Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g01051156

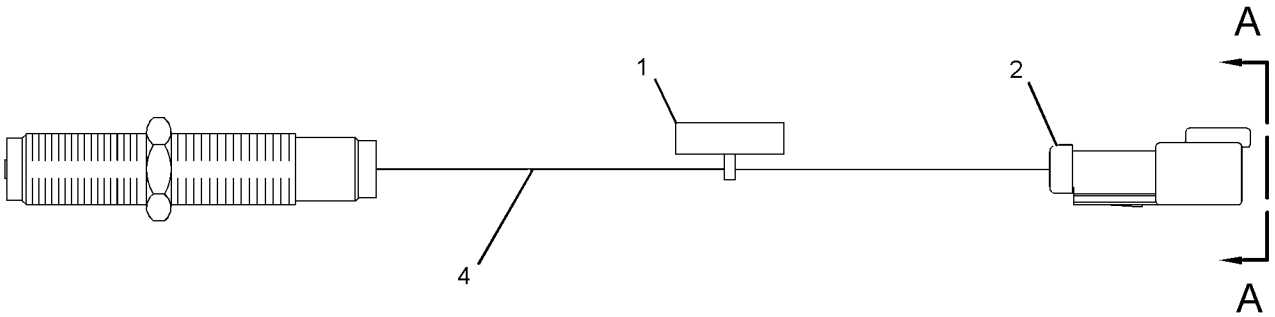
193-2550 SENSOR GP-SPEED

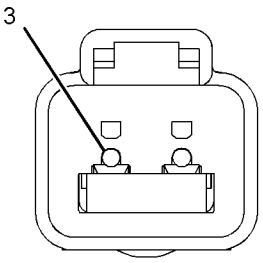
S/N: BTW1-UP
FIELD REPLACEMENT ORDER 318-1178—PAGE: 493
PART OF 234-7878 WIRING GP-MACHINE

SMCS-1907, 1912, 3175, 4803, 7493 **i06885315**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**171-5349**	1	STRAP-MARKER	
	2	1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	3	1	**9X-3401**	2	PIN-CONNECTOR (16-GA TO 18-GA)	
E	4	1	**9X-1813**		SLEEVE (14-CM)	

E - ORDER BY THE CENTIMETER





VIEW A-A

GRAPHIC #1 <END> g01490456

230-7149 SENSOR GP-SPEED

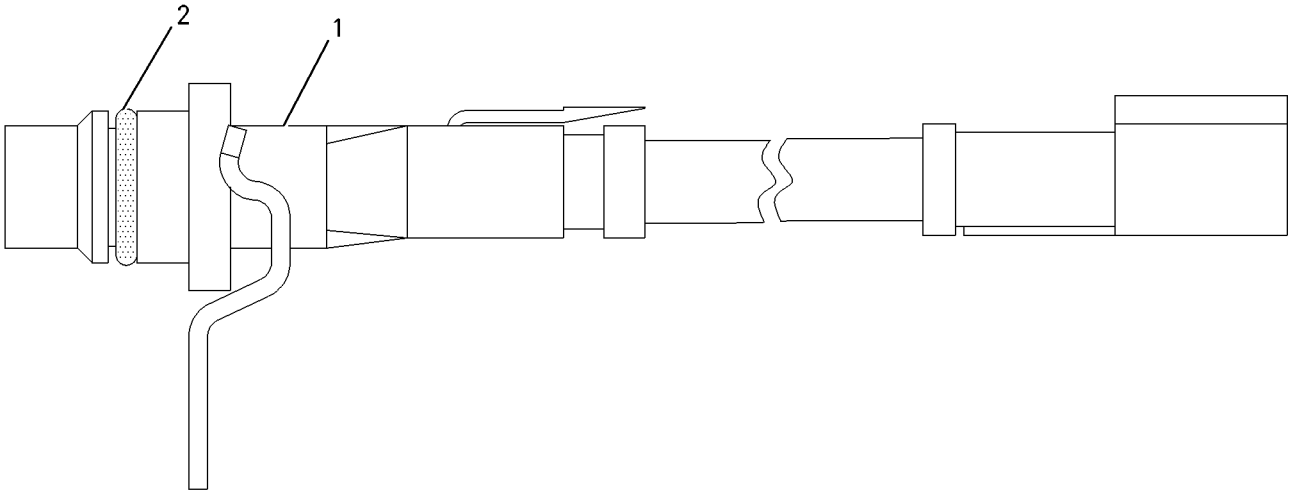
S/N: EHX2487-UP

PART OF 280-4101 SENSOR GP-ENGINE

SMCS-1907, 1912, 3175, 4803, 7493

i05536491

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**201-6615**	1	SENSOR GP-SPEED	
	2	1	**228-4947**	1	SEAL-O-RING	



GRAPHIC #1 <END> g01007584

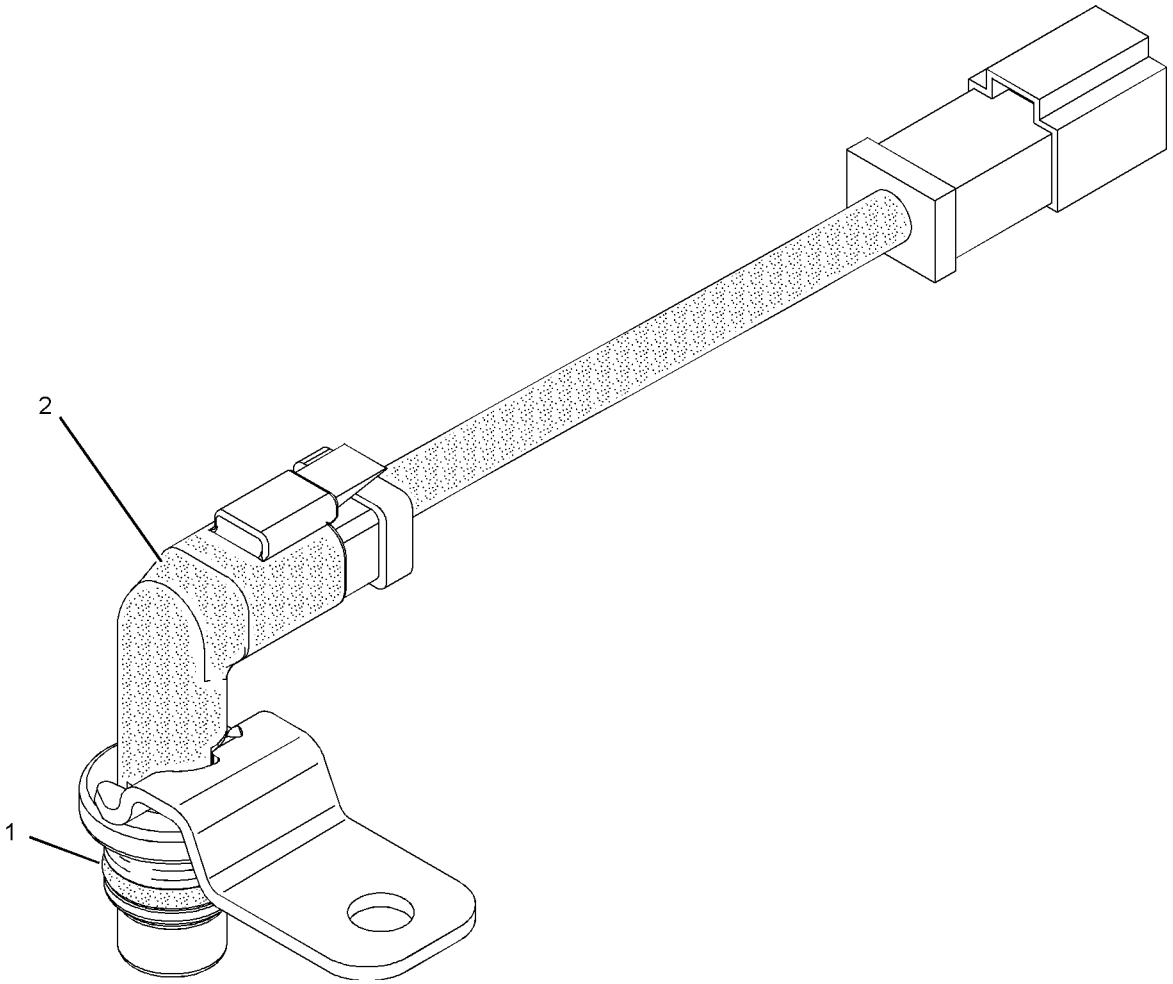
239-2397 SENSOR GP-SPEED–CAMSHAFT

S/N: EHX2487-UP

PART OF 280-4101 SENSOR GP-ENGINE

SMCS-1907, 1912, 3175, 4803, 7493 **i05536489**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**228-4947**	1	SEAL-O-RING	
	2	1	**201-6616**	1	SENSOR GP-SPEED	



GRAPHIC #1 <END> g01019337

318-1178 SENSOR GP-SPEED

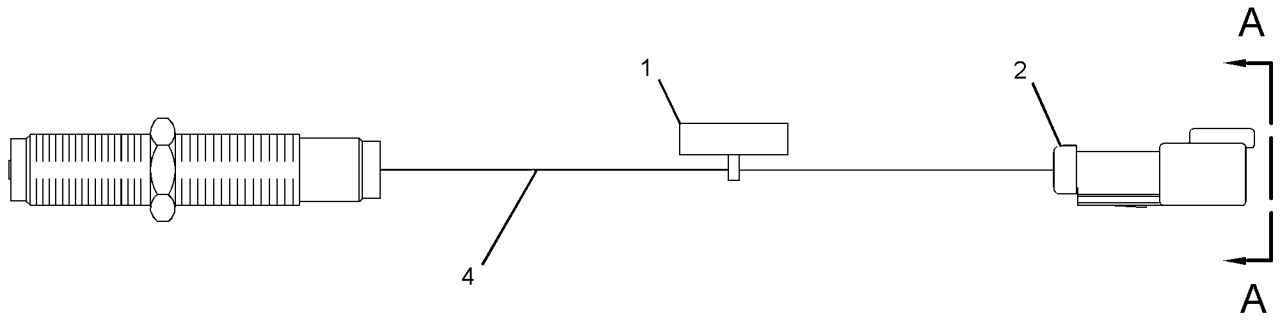
S/N: BTW1-UP

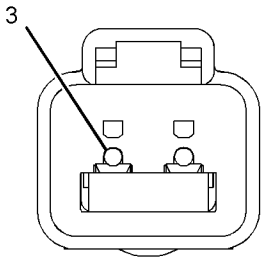
FIELD REPLACEMENT FOR 193-2550—PAGE: 490

SMCS-1907, 1912, 3175, 4803, 7493 **i06138607**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**171-5349**	1	STRAP-MARKER	
	2	1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	3	1	**9X-3401**	2	PIN-CONNECTOR (16-GA TO 18-GA)	
E	4	1	**9X-1813**		SLEEVE (14-CM)	

E - ORDER BY THE CENTIMETER





VIEW A-A

GRAPHIC #1 <END> g01490456

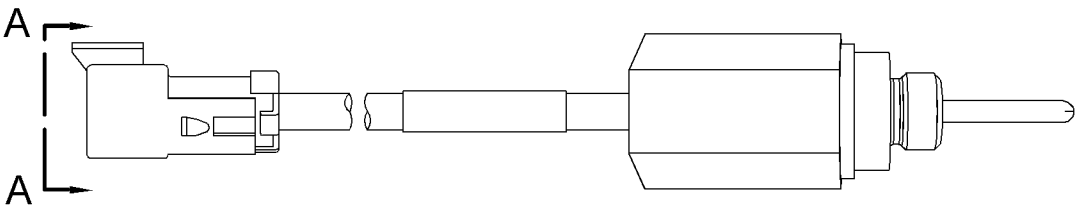
118-7226 SENSOR GP-TEMPERATURE

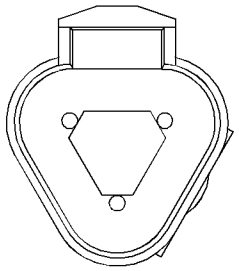
S/N: BTW1-UP
8-VOLTS
PART OF 234-7879 WIRING GP-ENGINE

SMCS-1408, 1906, 1919, 1921, 1922, 1928, 1929, 301T, 3194, 429T, 509T

i04399696

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
			(NO SERVICED PARTS)			





VIEW A-A

GRAPHIC #1

<END>

g02724260

134-2252 SENSOR GP-TEMPERATURE

S/N: BTW1-UP

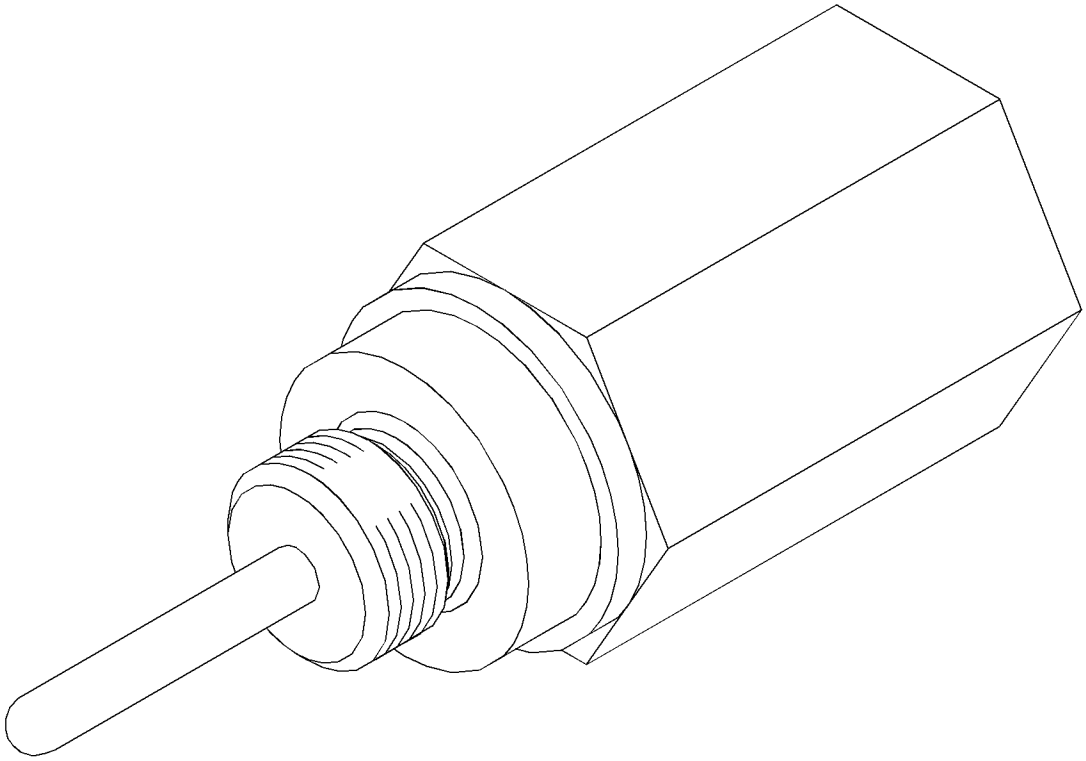
8-VOLT. PULSE WIDTH MODULATED

PART OF 234-7866 WIRING GP-FRONT, 234-7878 WIRING GP-MACHINE

SMCS-1408, 1906, 1919, 1921, 1922, 1928, 1929, 301T, 3194, 429T, 509T

i07118517

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
			(NO SERVICED PARTS)			



GRAPHIC #1

<END>

g02440456

197-8391 SENSOR GP-TEMPERATURE

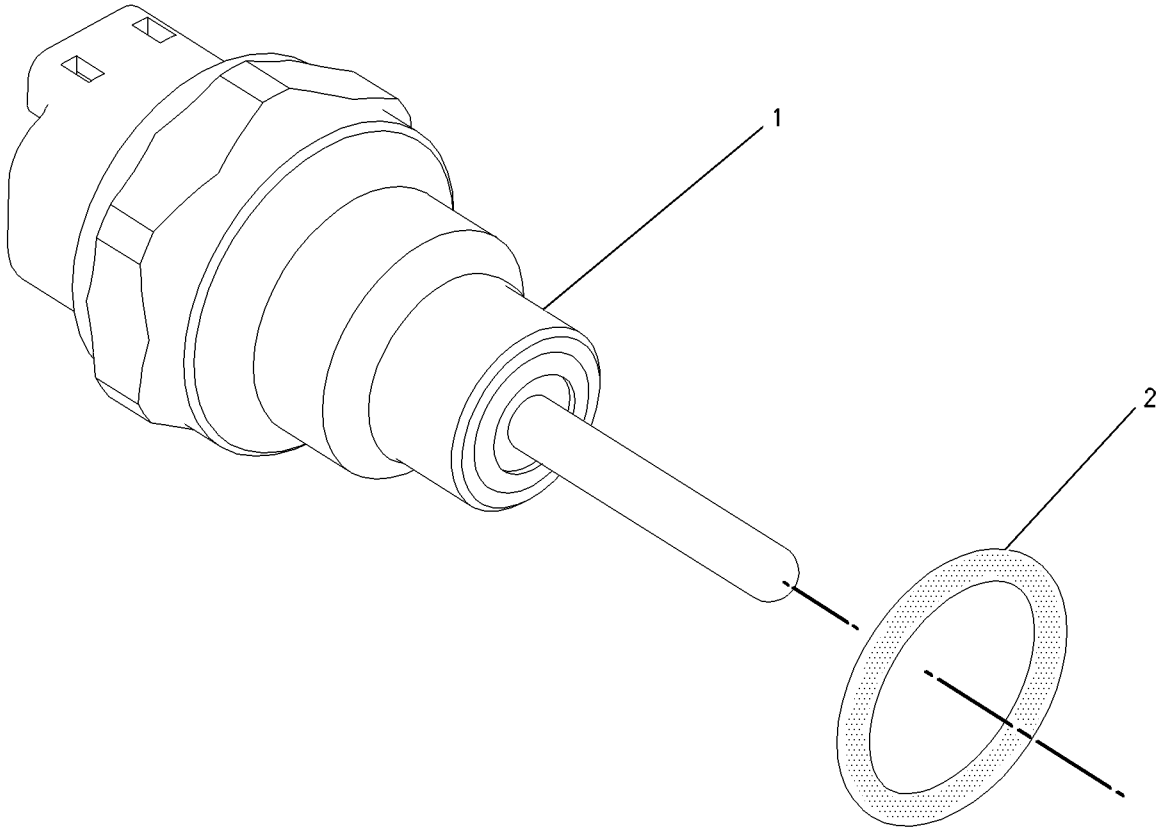
S/N: EHX1-UP

PART OF 217-5674 LINES GP-FUEL FILTER, 256-7941 MOUNTING GP-FUEL FILTER, 280-4101 SENSOR GP-ENGINE

SMCS-1408, 1906, 1919, 1921, 1922, 1928, 1929, 301T, 3194, 429T, 509T

i05524569

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**130-9811**	1	SENSOR GP-TEMPERATURE	
		1	**137-6645**	1	PAD-CONNECTOR	
	2	1	**8L-2786**	1	SEAL-O-RING	



GRAPHIC #1 <END> g00856011

197-8391 SENSOR GP-TEMPERATURE

S/N: EHX2487-UP

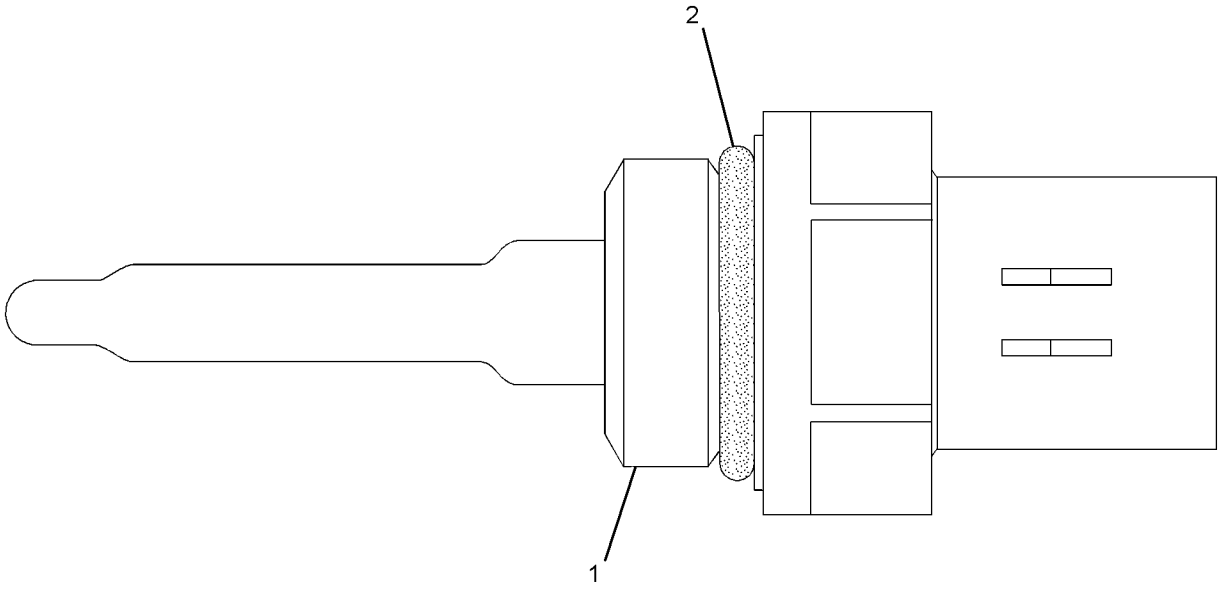
PART OF 280-4101 SENSOR GP-ENGINE

SMCS-1408, 1906, 1919, 1921, 1922, 1928, 1929, 301T, 3194, 429T, 509T

i03836399

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	**264-4297**	1	SENSOR AS-TEMPERATURE	
		1	**137-6645**	1	PAD-CONNECTOR	
	2	1	**238-5080**	1	SEAL-O-RING	

C - CHANGE FROM PREVIOUS TYPE



GRAPHIC #1 <END> g01164268

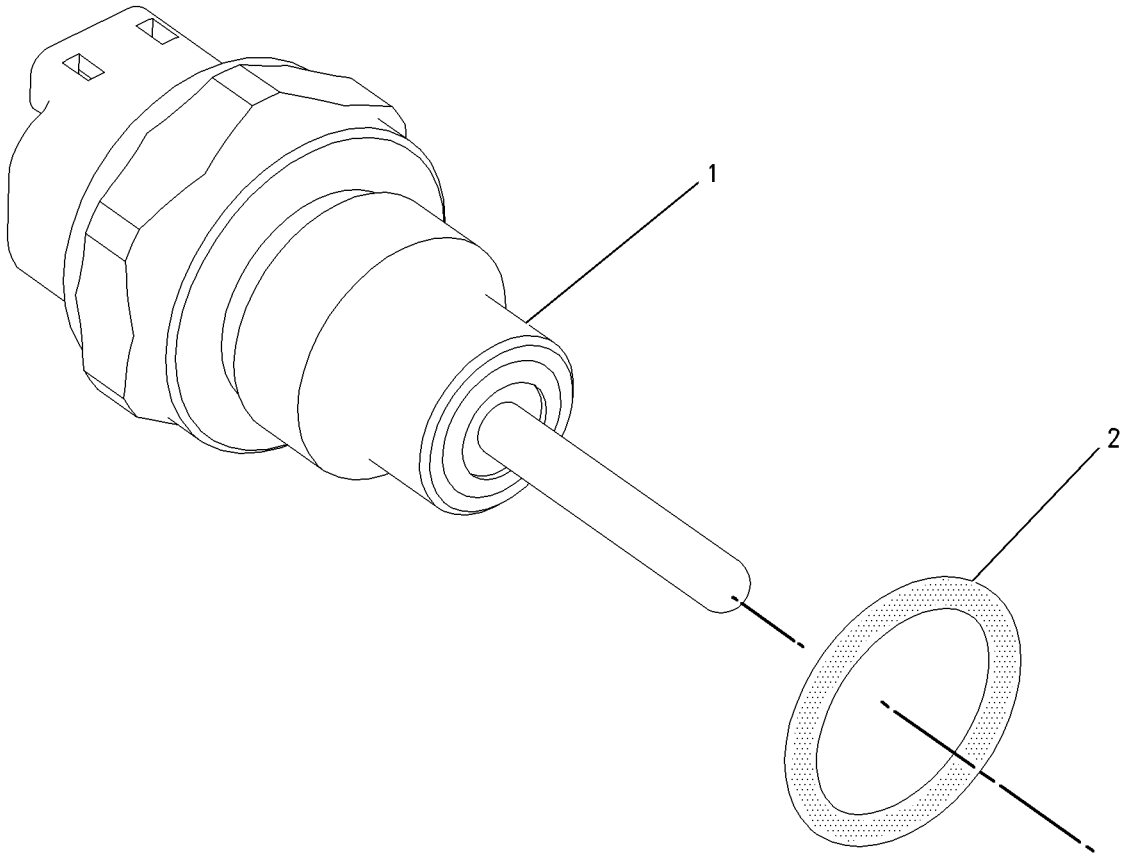
197-8392 SENSOR GP-TEMPERATURE

S/N: EHX2487-UP
COOLANT, WATER
PART OF 280-4101 SENSOR GP-ENGINE
TYPE 1

SMCS-1408, 1906, 1919, 1921, 1922, 1928, 1929, 301T, 3194, 429T, 509T

i06145014

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**130-9811**	1	SENSOR GP-TEMPERATURE	
		1	**137-6645**		PAD-CONNECTOR	
	2	1	**6V-6609**	1	SEAL-O-RING	



GRAPHIC #1 <END> g00856005

197-8392 SENSOR GP-TEMPERATURE

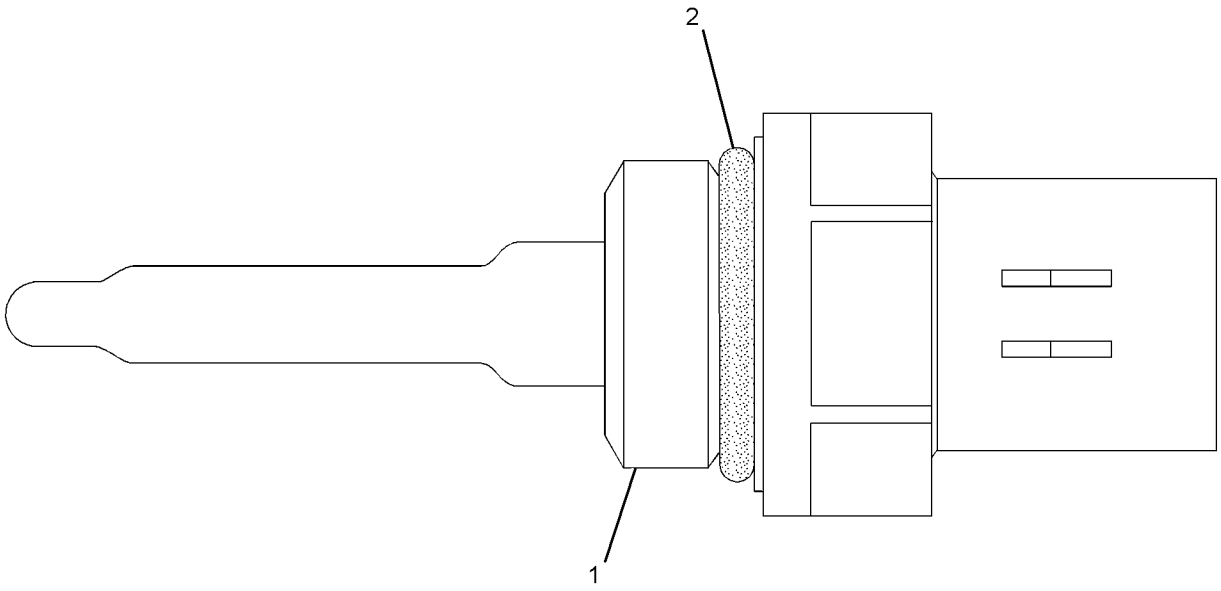
S/N: EHX2487-UP
COOLANT, WATER
PART OF 280-4101 SENSOR GP-ENGINE
TYPE 2

SMCS-1408, 1906, 1919, 1921, 1922, 1928, 1929, 301T, 3194, 429T, 509T

i02864759

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	**264-4297**	1	SENSOR AS-TEMPERATURE	
		1	**137-6645**	1	PAD-CONNECTOR	
	2	1	**6V-6609**	1	SEAL-O-RING	

C - CHANGE FROM PREVIOUS TYPE



GRAPHIC #1 <END> g01164268

234-5013 SENSOR GP-TEMPERATURE

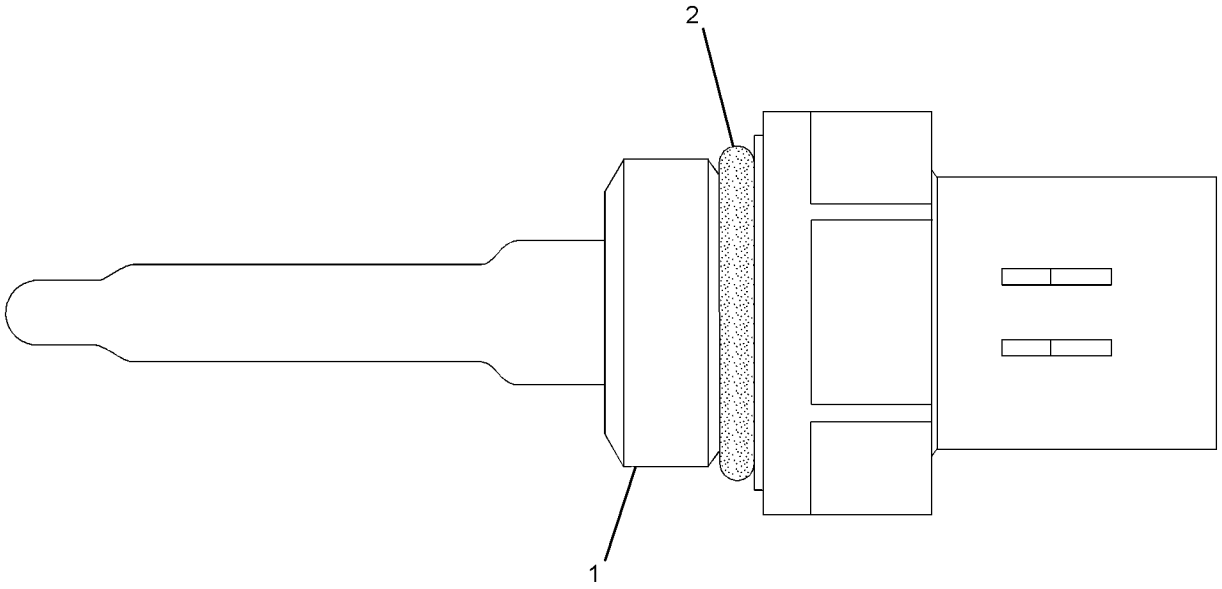
S/N: EHX2564-UP

PART OF 256-7941 MOUNTING GP-FUEL FILTER

SMCS-1408, 1906, 1919, 1921, 1922, 1928, 1929, 301T, 3194, 429T, 509T

i05506315

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**256-6453**	1	SENSOR-TEMPERATURE	
	2	1	**238-5080**	1	SEAL-O-RING	



GRAPHIC #1 <END> g01164268

236-1401 STARTING AID GP-ETHER

S/N: BTW1-174

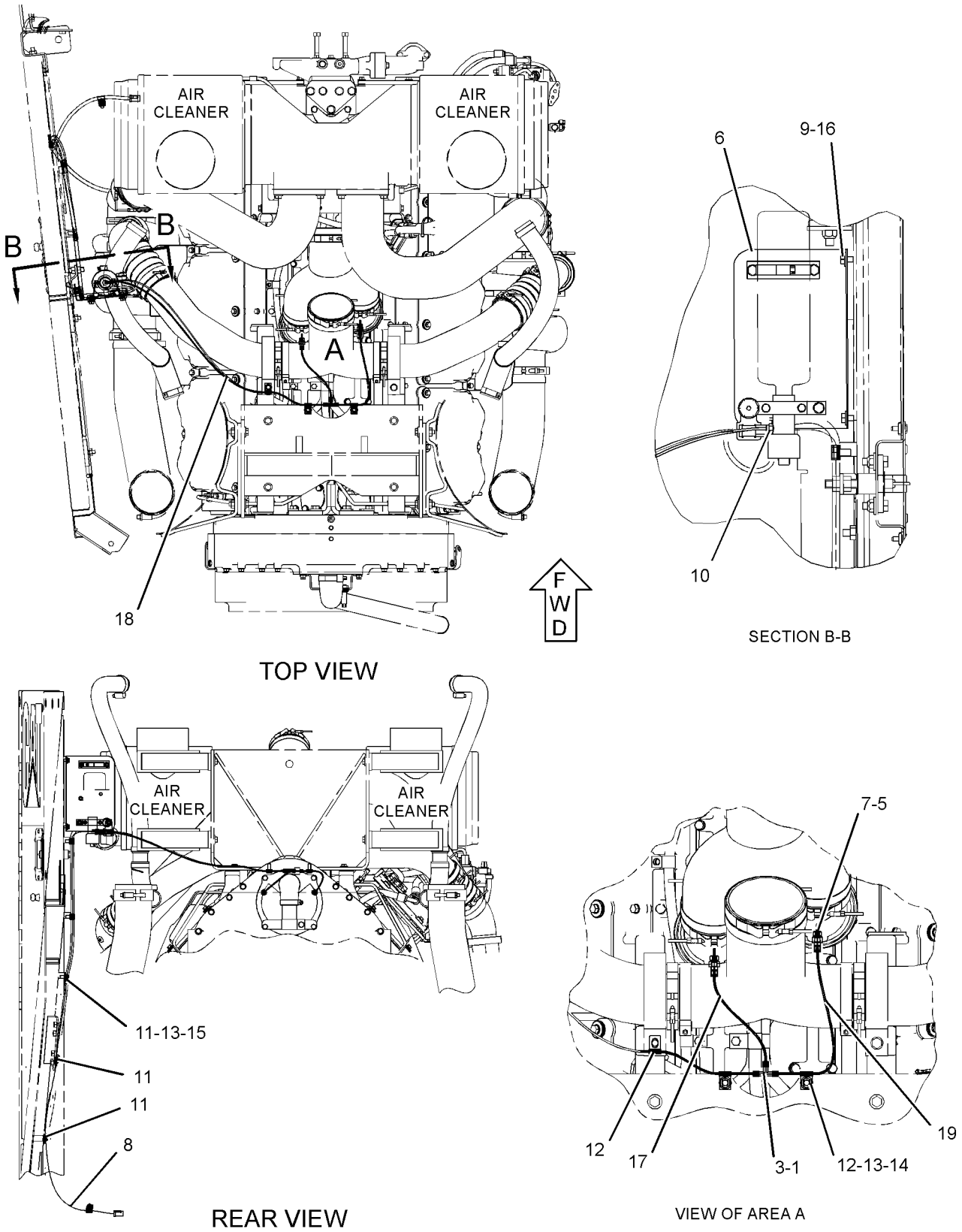
PART OF 230-3275 CHASSIS AR

SMCS-1456 **i02426263**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**236-4545**	3	NUT-SLEEVE (5/16-24-THD)	
	3	1	**8C-9006**	1	TEE-UNION	
	5	1	*148-8331*	2	CONNECTOR AS	
					(EACH INCLUDES)	
		1	**3Y-2888**	1	CONNECTOR	
		1	**3J-1907**	1	SEAL-O-RING	
Y	6	1	*254-9079*	1	VALVE GP-ETHER STARTING	541
	7	1	**280-2562**	2	ATOMIZER AS-ETHER	
	8	1	**268-4447**	1	HARNESS AS-STARTING AID	
		1	**155-2270**	2	KIT-CONNECTING PLUG (2-PIN)	
					(EACH INCLUDS PLUG AS & WEDGE)	
	9	1	**5P-4116**	2	WASHER-HARD (8.8X20.5X2-MM THK)	
	10	1	**230-1437**	1	FITTING AS	
	11	1	**5P-9085**	6	CLIP	
	12	1	**6V-2686**	3	CLIP	
	13	1	**8T-4121**	6	WASHER-HARD (11X21X2.5-MM THK)	
M	14	1	**8T-4136**	2	BOLT (M10X1.5X25-MM)	
M	15	1	**8T-4137**	4	BOLT (M10X1.5X20-MM)	
M	16	1	**8T-4199**	2	BOLT (M8X1.25X12-MM)	
E	17	1	**174-9169**		TUBE (20.3-CM)	
E	18	1	**174-9169**		TUBE (79.4-CM)	
E	19	1	**174-9169**		TUBE (31.5-CM)	
A		1	**7N-0296**	1	CYLINDER AS-ETHER	

A - NOT PART OF THIS GROUP
E - ORDER BY THE CENTIMETER
M - METRIC PART
Y - SEPARATE ILLUSTRATION

236-1401 **STARTING AID GP-ETHER (**contd.**)** **i02426263**



GRAPHIC #1 <END> g01212790

236-1401 STARTING AID GP-ETHER

S/N: BTW175-UP

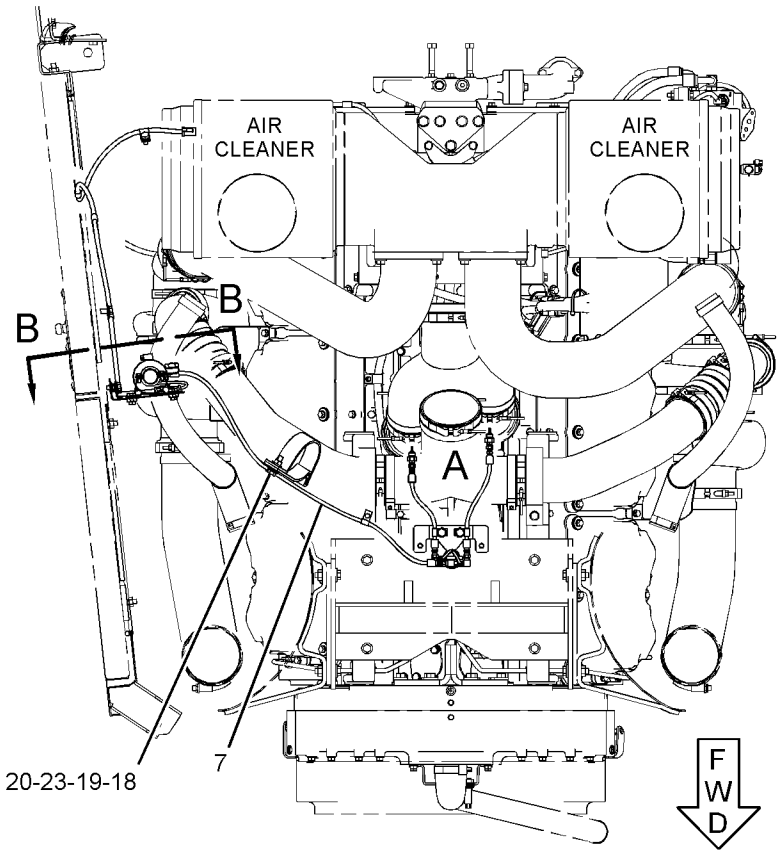
PART OF 230-3275 CHASSIS AR

SMCS-1456 **i02966527**

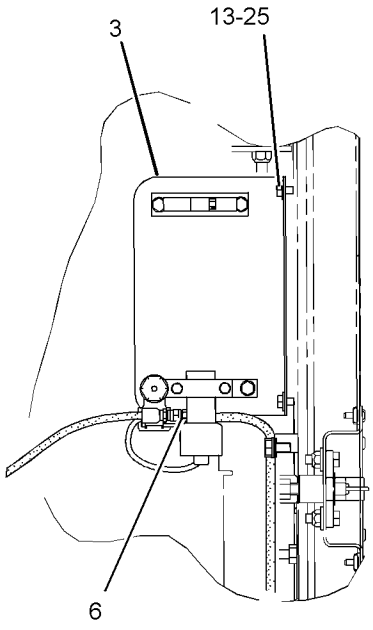
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	**9X-6772**	2	STRAP-CABLE	
	2	1	*148-8331*	2	CONNECTOR AS	
					(EACH INCLUDES)	
		1	**3Y-2888**	1	CONNECTOR	
		1	**3J-1907**	1	SEAL-O-RING	
Y	3	1	*254-9079*	1	VALVE GP-ETHER STARTING	541
C	4	1	**268-1565**	3	ELBOW	
	5	1	**268-4447**	1	HARNESS AS-STARTING AID	
C	6	1	**273-8708**	1	FITTING	
C	7	1	**315-6109**	1	HOSE AS	
C	8	1	**322-9118**	1	BRACKET AS	
C	9	1	**322-9120**	1	HOSE AS	
C	10	1	**322-9121**	1	HOSE AS	
C	11	1	**133-9660**	1	UNION-FLARED	
C	12	1	**273-8710**	2	ATOMIZER AS	
	13	1	**5P-4116**	2	WASHER-HARD (8.8X20.5X2-MM THK)	
	14	1	**5P-9085**	6	CLIP	
C	15	1	**6V-6782**	1	CLIP (SLOT)	
C	16	1	**6V-6783**	1	CLIP (TAB)	
C	17	1	**7X-7729**	2	WASHER (11X25X3-MM THK)	
C	18	1	**8M-2772**	4	CLIP (LOOP)	
C	19	1	**8T-4121**	11	WASHER-HARD (11X21X2.5-MM THK)	
CM	20	1	**8T-4133**	1	NUT (M10X1.5-THD)	
M	21	1	**8T-4136**	2	BOLT (M10X1.5X25-MM)	
M	22	1	**8T-4137**	4	BOLT (M10X1.5X20-MM)	
CM	23	1	**8T-4186**	1	BOLT (M10X1.5X40-MM)	
CM	24	1	**8T-4195**	2	BOLT (M10X1.5X30-MM)	
M	25	1	**8T-4199**	2	BOLT (M8X1.25X12-MM)	
A			**7N-0296**	1	CYLINDER AS-ETHER	
					(MUST BE PROCURED LOCALLY FROM YOUR CATERPILLAR DEALER)	

A - NOT PART OF THIS GROUP
C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
Y - SEPARATE ILLUSTRATION

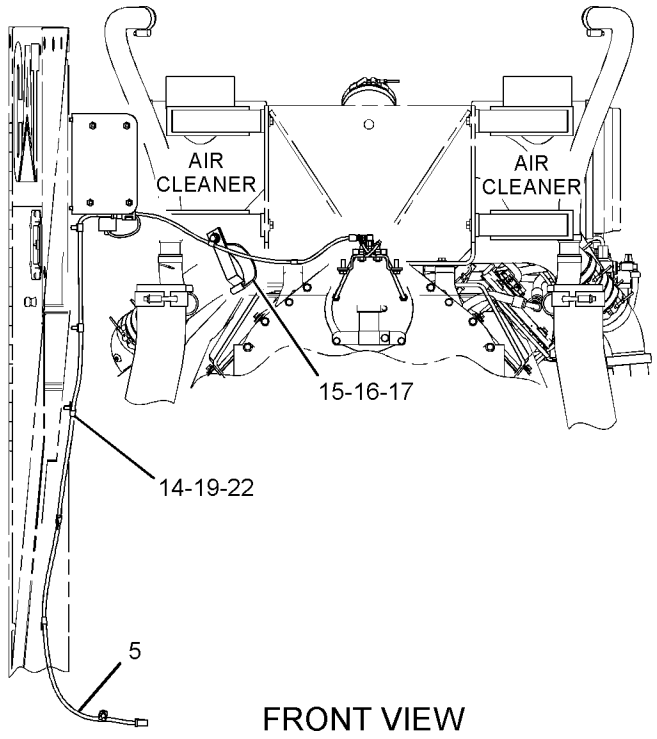
236-1401 **STARTING AID GP-ETHER (**contd.**)** **i02966527**



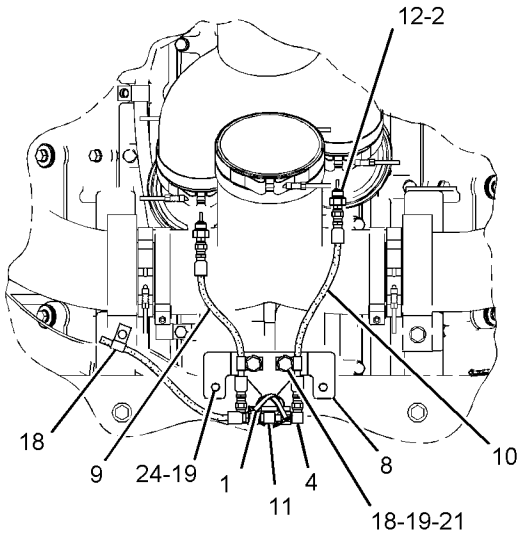
TOP VIEW



VIEW B-B



FRONT VIEW



VIEW OF AREA A

GRAPHIC #1 <END> g01498873

234-7895 STARTING AR-COLD WEATHER

S/N: BTW1-UP

PART OF 353-4054, 353-4064 OPTION AR-COLD WEATHER

SMCS-1450 **i02030459**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*234-7869*	1	BATTERY & WIRING GP	339
Y	*234-7868*	1	STARTING MOTOR GP-ELECTRIC	506

Y - SEPARATE ILLUSTRATION

<END>

234-7868 STARTING MOTOR GP-ELECTRIC

S/N: BTW1-UP

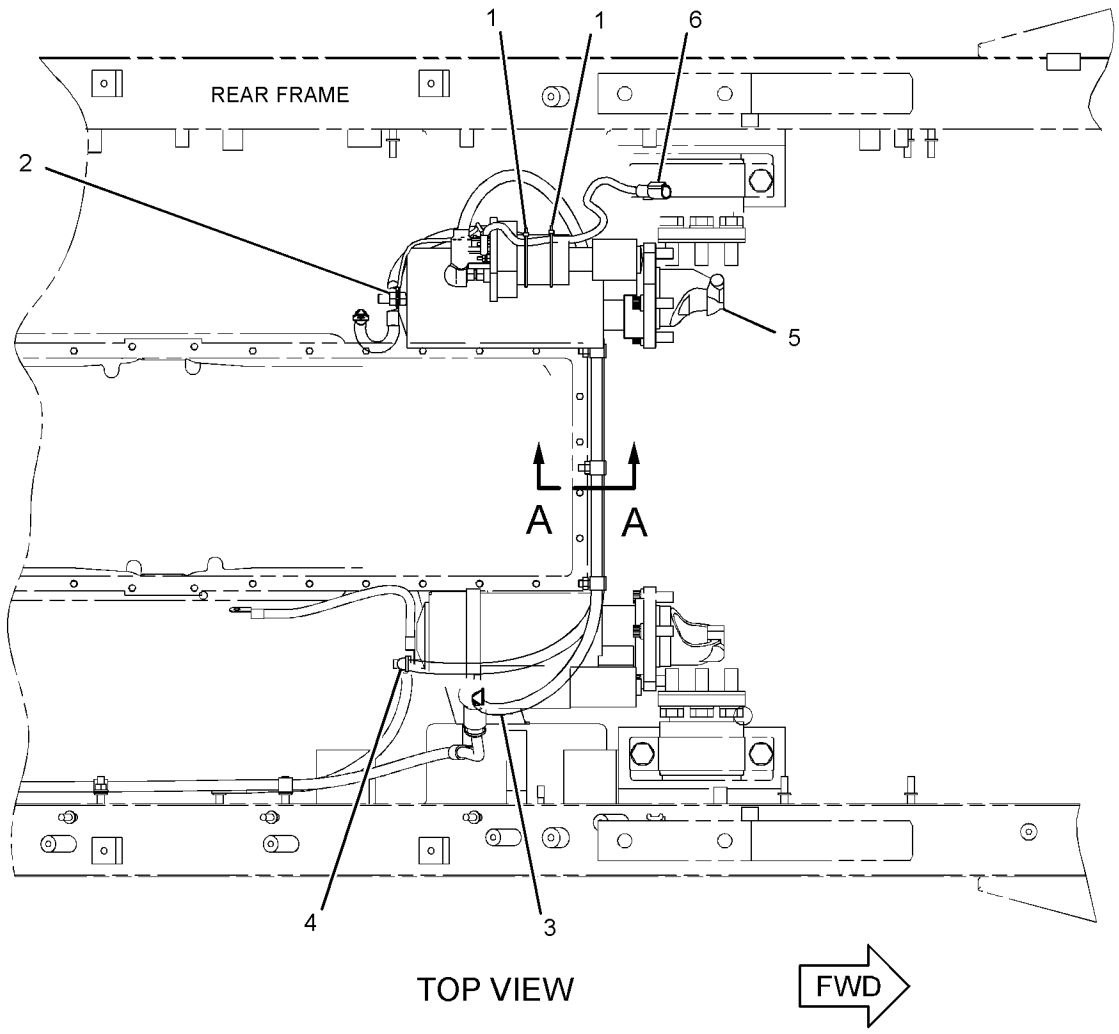
PART OF 234-7895 STARTING AR-COLD WEATHER

SMCS-1453 **i04371966**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7K-1181**	2	STRAP-CABLE	
	2	1	**6V-8188**	1	NUT (1/2-13-THD)	
	3	1	**268-4003**	1	CABLE AS	
		1	**1S-7251**	2	TERMINAL-CABLE (00-GA, 1/2-IN SCREW)	
E		1	**159-8049**		CABLE (00-GA, RED) (137-CM)	
		1	**8N-0869**	1	COVER-TERMINAL (RED)	
	4	1	**268-4004**	1	CABLE AS	
		1	**1S-7251**	2	TERMINAL-CABLE (00-GA, 1/2-IN SCREW)	
E		1	**159-8050**		CABLE (00-GA, BLACK) (137-CM)	
Y	5	1	*239-4249*	1	STARTING MOTOR GP-ELECTRIC (24-VOLT)	508
	6	1	**271-9269**	1	HARNESS AS-SOLENOID (STARTING MOTOR)	
		1	**8N-1544**	1	PIN-CONNECTOR (8-GA)	
E		1	**114-8843**		SLEEVE-PLASTIC (20-CM)	
		1	**131-1487**	1	TERMINAL AS (6-GA TO 8-GA)	
		1	**4K-4639**	1	TERMINAL-SOLDER (6-GA TO 8-GA, NO. 10 SCREW)	
E		1	**119-3662**		TUBE-HEAT SHRINK (10.85-MM DIA) (4-CM)	
		1	**127-5486**	1	RECEPTACLE AS-CONNECTOR (1-PIN)	
	7	1	**9M-8406**	6	CLIP (LOOP)	
	8	1	**8T-4121**	3	WASHER-HARD (11X21X2.5-MM THK)	
M	9	1	**8T-4133**	3	NUT (M10X1.5-THD)	
M	10	1	**8T-4136**	3	BOLT (M10X1.5X25-MM)	

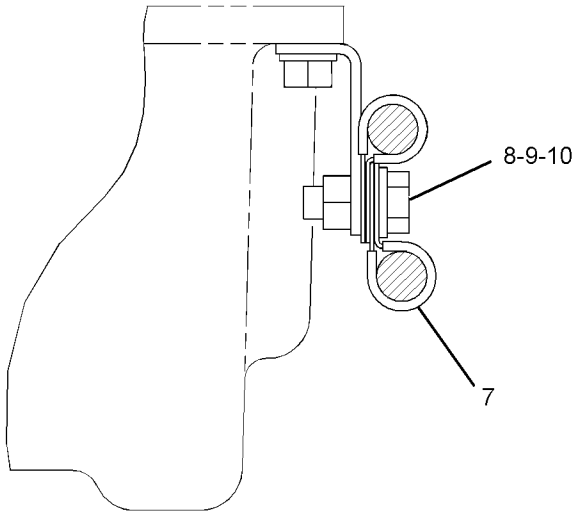
E - ORDER BY THE CENTIMETER
M - METRIC PART
Y - SEPARATE ILLUSTRATION

234-7868 **STARTING MOTOR GP-ELECTRIC (**contd.**)** **i04371966**



TOP VIEW

FWD



SECTION A-A

GRAPHIC #1 <END> g02599596

239-4249 STARTING MOTOR GP-ELECTRIC

S/N: BTW1-UP

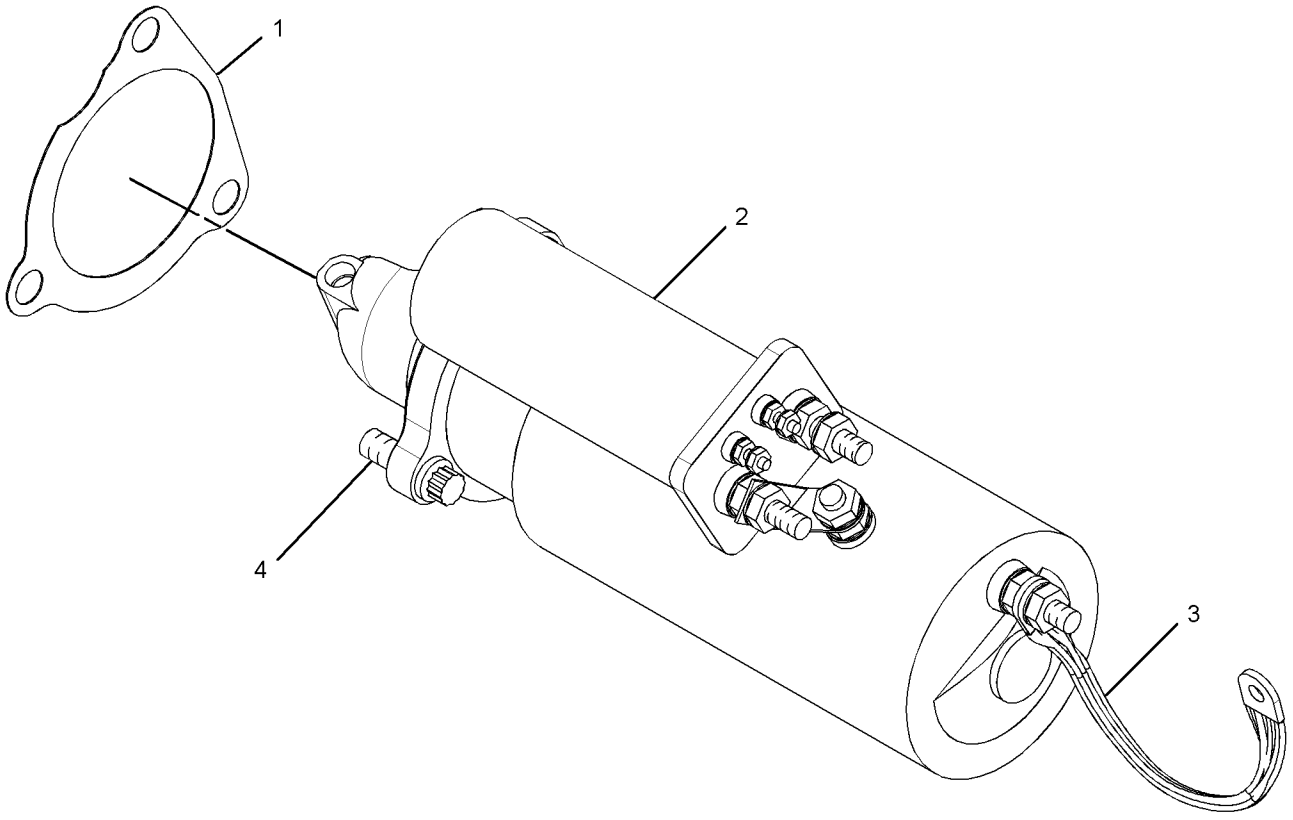
PART OF 234-7868 STARTING MOTOR GP-ELECTRIC

TYPE 1

SMCS-1453 **i03497584**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4H-7869**	1	GASKET	
Y	2	1	*6V-0885*	1	STARTING MOTOR GP-ELECTRIC (24-VOLT)	524
	3	1	**306-8156**	1	STRAP AS-GROUND	
	4	1	**8S-2332**	3	BOLT-12 POINT HEAD (5/8-11X1.75-IN)	

Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g01943024

239-4249 STARTING MOTOR GP-ELECTRIC

S/N: BTW1-UP

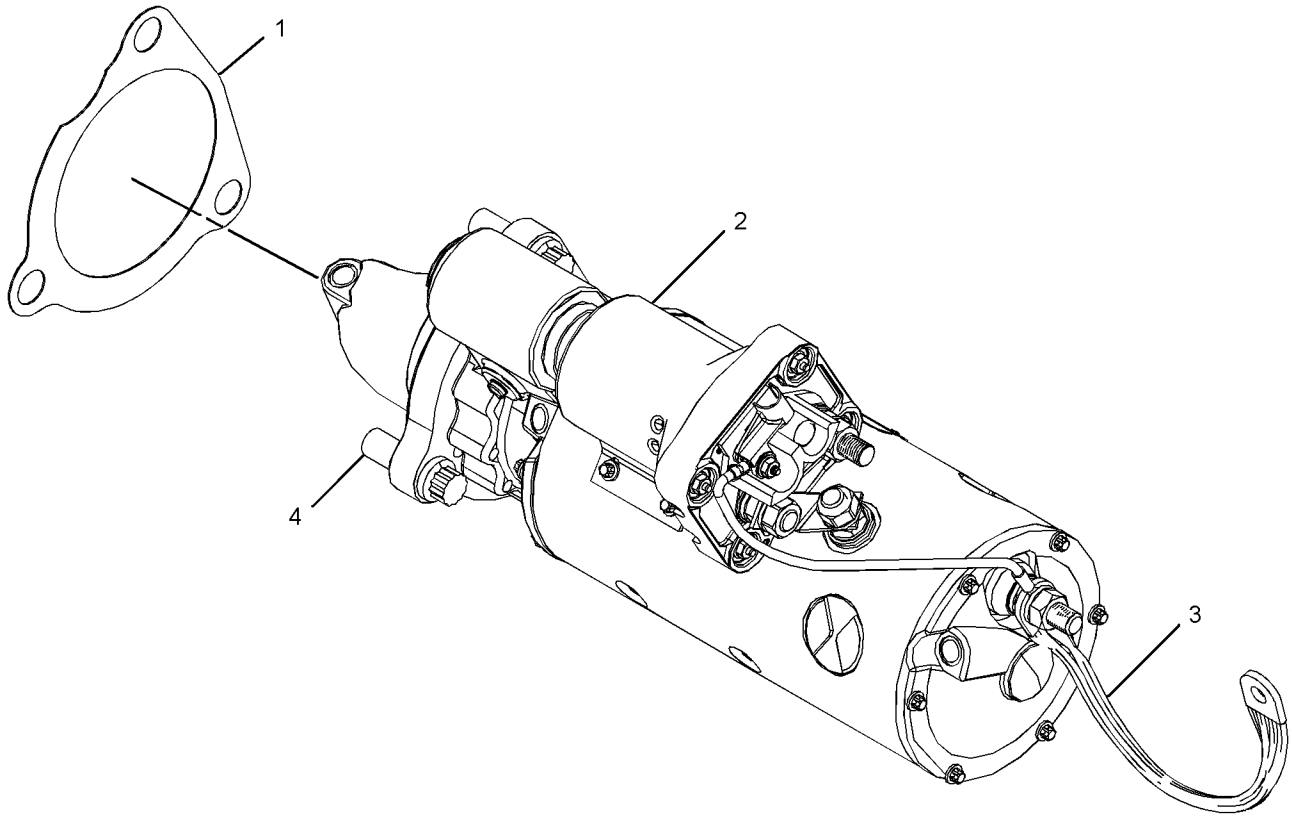
PART OF 234-7868 STARTING MOTOR GP-ELECTRIC

TYPE 2

SMCS-1453 **i05321445**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4H-7869**	1	GASKET	
CY	2	1	*352-9767*	1	STARTING MOTOR GP-ELECTRIC (24-VOLT)	518
	3	1	**306-8156**	1	STRAP AS-GROUND	
	4	1	**8S-2332**	3	BOLT-12 POINT HEAD (5/8-11X1.75-IN)	

C - CHANGE FROM PREVIOUS TYPE
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g03379326

272-7123 STARTING MOTOR GP-ELECTRIC

S/N: BTW1-UP

24 VOLT

PART OF 281-6930 STARTING MOTOR GP-ELECTRIC

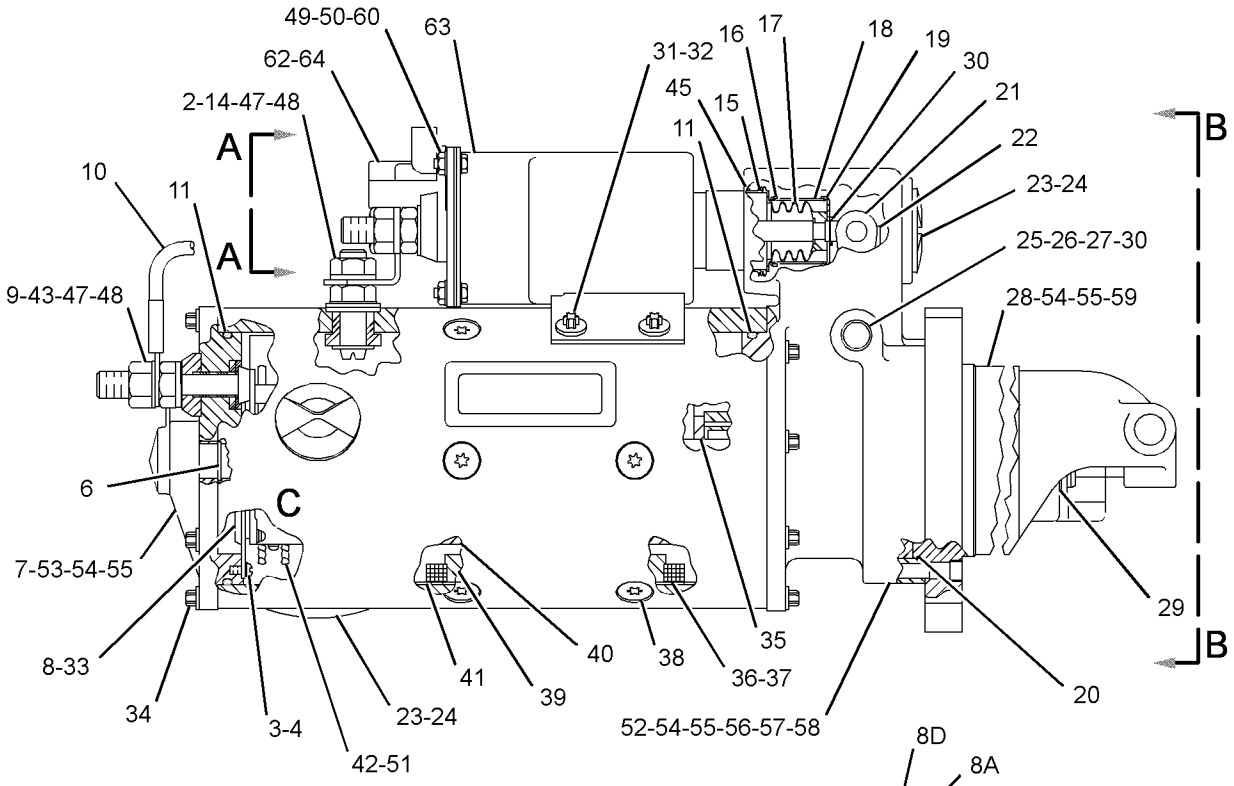
SMCS-1453 **i04008891**

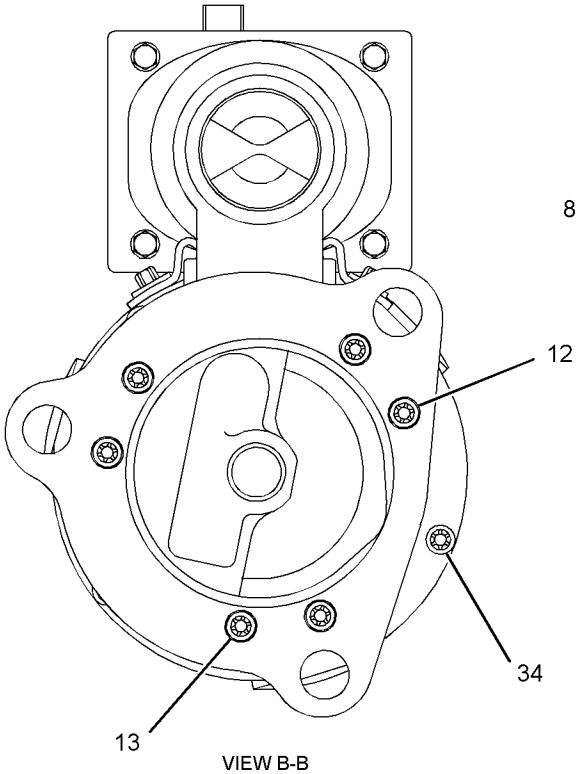
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7M-0326**	1	CONNECTOR	
	2	1	**9H-3757**	2	WASHER (0.516X1X0.094-IN THK)	
	3	1	**1S-7446**	3	SCREW-MACHINE (8-32X0.437-IN)	
	4	1	**8C-9660**	3	WASHER (4.6X7.9X0.8-MM THK)	
	5	1	**9S-2544**	9	SCREW-HEX HEAD (8-32X11.13-MM)	
	6	1	**7M-0327**	1	WASHER-THRUST (17.4X25.4X1.6-MM THK)	
	7	1	**3T-3418**	1	FRAME AS-END	
		1	**3T-3423**	1	CUP	
		1	**3T-3424**	1	PLUG-FELT	
		1	**9G-4101**	1	BUSHING-END	
	8	1	**3T-9525**	1	PLATE AS-BRUSH (STARTING MOTOR)	
	8A	1	**6T-0371**	1	INSULATOR	
	8B	1	**5P-6298**	12	SCREW-MACHINE (10-32X0.5-IN)	
		1	**9F-5599**	12	LOCKWASHER	
	8C	1	**7F-3525**	6	WASHER-SPECIAL (0.207X0.39X0.09-IN THK)	
	8D	1	**6T-0372**	1	PLATE	
	8E	1	**3T-4709**	3	PLATE	
	8F	1	**2L-6679**	3	PLATE-INSULATOR	
	8G	1	**3T-4710**	3	PLATE	
	8H	1	**6T-0363**	6	HOLDER AS-BRUSH	
					(EACH INCLUDES)	
	8J	1	**3T-9494**	1	SPRING	
	9	1	**7F-3491**	2	WASHER (0.516X1X0.094-IN THK)	
	10	1	**3T-3422**	1	WIRE AS	
	11	1	**2J-8163**	2	SEAL-O-RING	
	12	1	**7X-3373**	1	BOLT (5/16-18X0.88-IN)	
	13	1	**5J-5314**	5	BOLT (5/16-18X1.5-IN)	
	14	1	**3L-3380**	1	BUSHING-TERMINAL	
	15	1	**036-9821**	1	WASHER	
	16	1	**4M-1828**	1	RETAINER-SPRING	
	17	1	**306-3998**	1	BOOT-RUBBER	
	18	1	**9M-7609**	1	SPRING (SHIFT LEVER)	
	19	1	**4M-1827**	1	RETAINER-SPRING	
	20	1	**8C-3089**	1	SEAL-O-RING	
	21	1	**4M-1853**	1	LEVER AS-SHIFT	
	22	1	**5M-3034**	1	LOCKNUT (5/16-24-THD)	
	23	1	**7L-2894**	4	GASKET	
	24	1	**4M-1831**	4	PLUG-LEVER HOUSING	
	25	1	**4M-1854**	1	SHAFT-LEVER	
	26	1	**1H-1023**	1	SEAL-O-RING	
	27	1	**2D-6392**	1	SEAL-O-RING	
	28	1	**272-7152**	1	HOUSING AS-DRIVE	
	29	1	**6N-3826**	1	DRIVE AS-MOTOR	
	30	1	**2H-3429**	2	RING-RETAINING	
	31	1	**6V-1322**	4	BOLT (1/4-20X0.375-IN)	
	32	1	**8T-4205**	4	WASHER-HARD (7.2X14.5X2-MM THK)	
	33	1	**6N-3279**	1	INSULATOR	

272-7123 **STARTING MOTOR GP-ELECTRIC (**contd.**)** **i04008891**

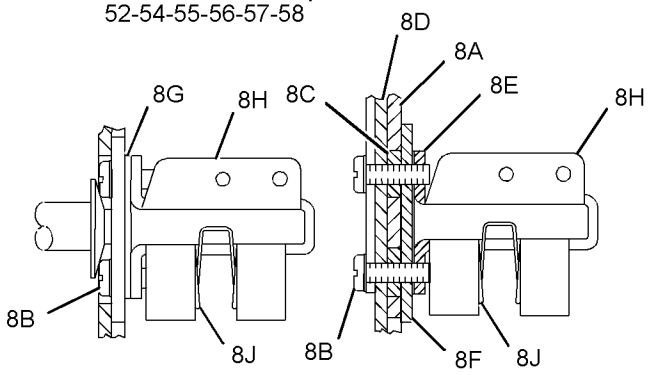
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	34	1	**036-9823**	13	BOLT (1/4-28X1-IN)	
	35	1	**1M-9971**	1	SPACER (0.835X1.72X0.188-IN THK)	
	36	1	**1H-2629**	3	STRIP-INSULATION	
	37	1	**7M-0324**	1	COIL AS-FIELD	
	38	1	**3R-8797**	12	SCREW & WASHER AS (3/8-24X0.72-IN)	
	39	1	**7F-3488**	6	SHOE-POLE	
	40	1	**7M-8651**	1	ARMATURE AS	
	41	1	**7M-0325**	1	INSULATOR	
	42	1	**3T-9524**	6	BRUSH AS	
	43	1	**3N-3763**	1	KIT-TERMINAL (STARTING MOTOR)	
					(INCLUDES INSULATOR, BUSHINGS & WASHER)	
	44	1	**125-6537**	1	INSULATOR	
	45	1	**3R-8801**	1	CLAMP	
	46	1	**8F-1434**	2	LOCKWASHER	
	47	1	**6V-8188**	6	NUT (1/2-13-THD)	
	48	1	**7X-0562**	6	WASHER-HARD (13.5X19X0.8-MM THK)	
	49	1	**4B-2049**	6	NUT (10-32-THD)	
	50	1	**8T-0328**	10	WASHER-HARD (5.5X10X1-MM THK)	
	51	1	**3T-9494**	6	SPRING	
	52	1	**3E-7771**	1	HOUSING AS (STARTING MOTOR)	
	53	1	**9G-4101**	1	BUSHING-END	
	54	1	**3T-3424**	3	PLUG-FELT	
	55	1	**3T-3423**	3	CUP	
	56	1	**1M-9968**	1	BUSHING	
	57	1	**2F-6678**	1	SEAL-LIP TYPE	
	58	1	**4L-2729**	1	WASHER (0.844X1.9X0.188-IN THK)	
	59	1	**4M-1896**	1	BUSHING-TERMINAL	
	60	1	**045-4065**	4	SCREW-MACHINE (10-32X0.75-IN)	
	61	1	**125-6535**	1	COVER-STARTING MOTOR	
	62	1	**7T-9123**	1	GASKET-PLATE	
	63	1	**318-2082**	1	SOLENOID AS-STARTING MOTOR (24-VOLT)	
		1	**3R-8801**	1	CLAMP	
	64	1	**125-6536**	1	TERMINAL AS	

272-7123 **STARTING MOTOR GP-ELECTRIC** (contd.) **i04008891**

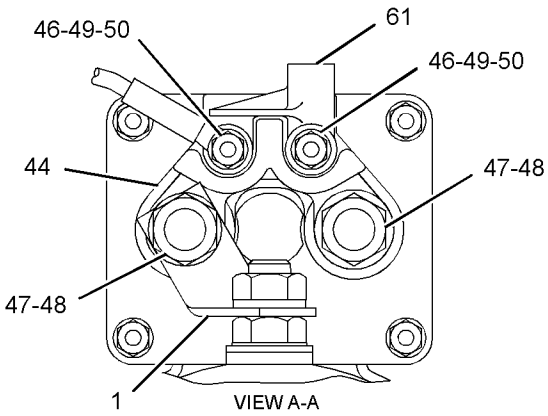




VIEW B-B



VIEW OF AREA C



VIEW A-A

GRAPHIC #1 <END> g01181840

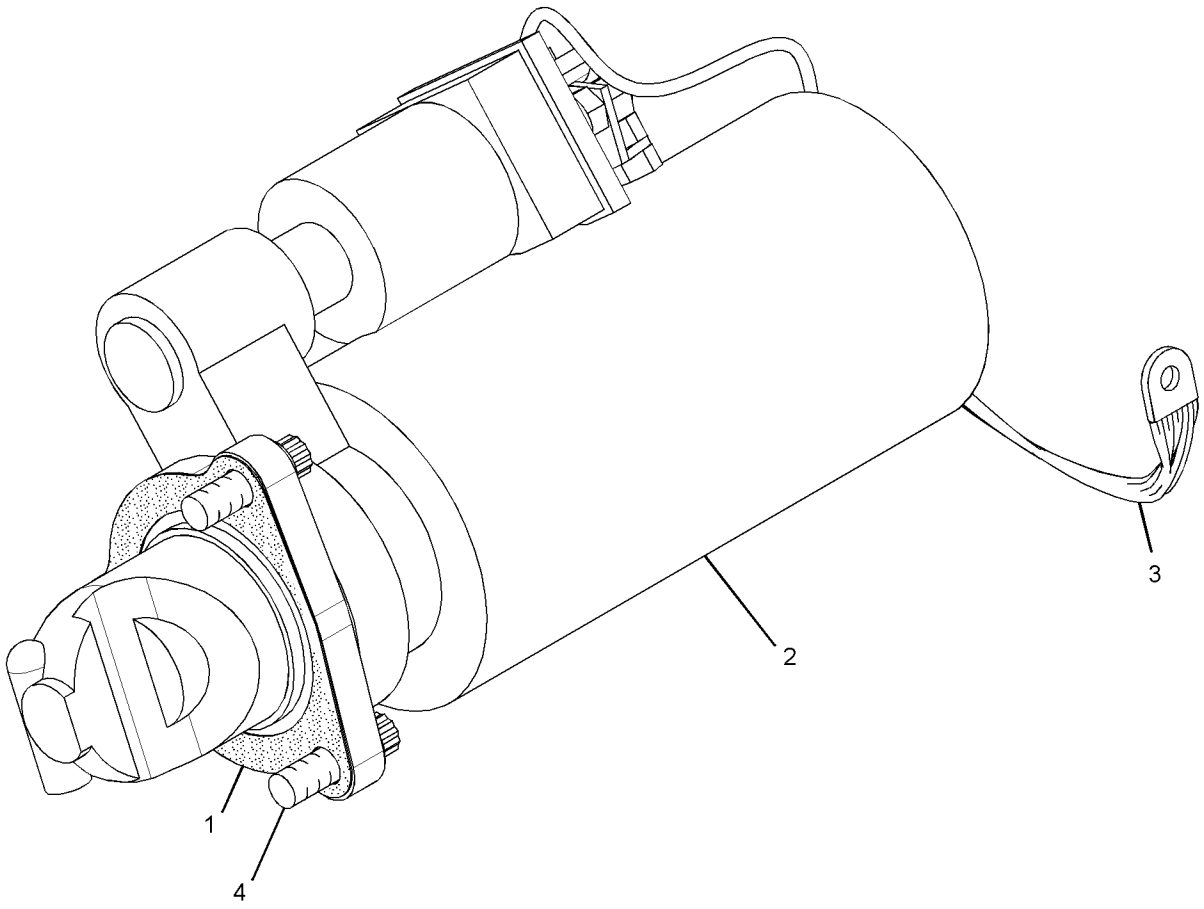
281-6930 STARTING MOTOR GP-ELECTRIC

S/N: BTW1-195
24-VOLT
PART OF 217-5671 INSTALLATION AR-ENGINE

SMCS-1453 **i03639597**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4N-1059**	1	GASKET	
Y	2	1	**272-7123**	1	STARTING MOTOR GP-ELECTRIC (24-VOLT)	510
	3	1	**306-8156**	1	STRAP AS-GROUND	
	4	1	**8S-2332**	3	BOLT-12 POINT HEAD (5/8-11X1.75-IN)	

Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g01964435

281-6930 STARTING MOTOR GP-ELECTRIC

S/N: BTW196-UP

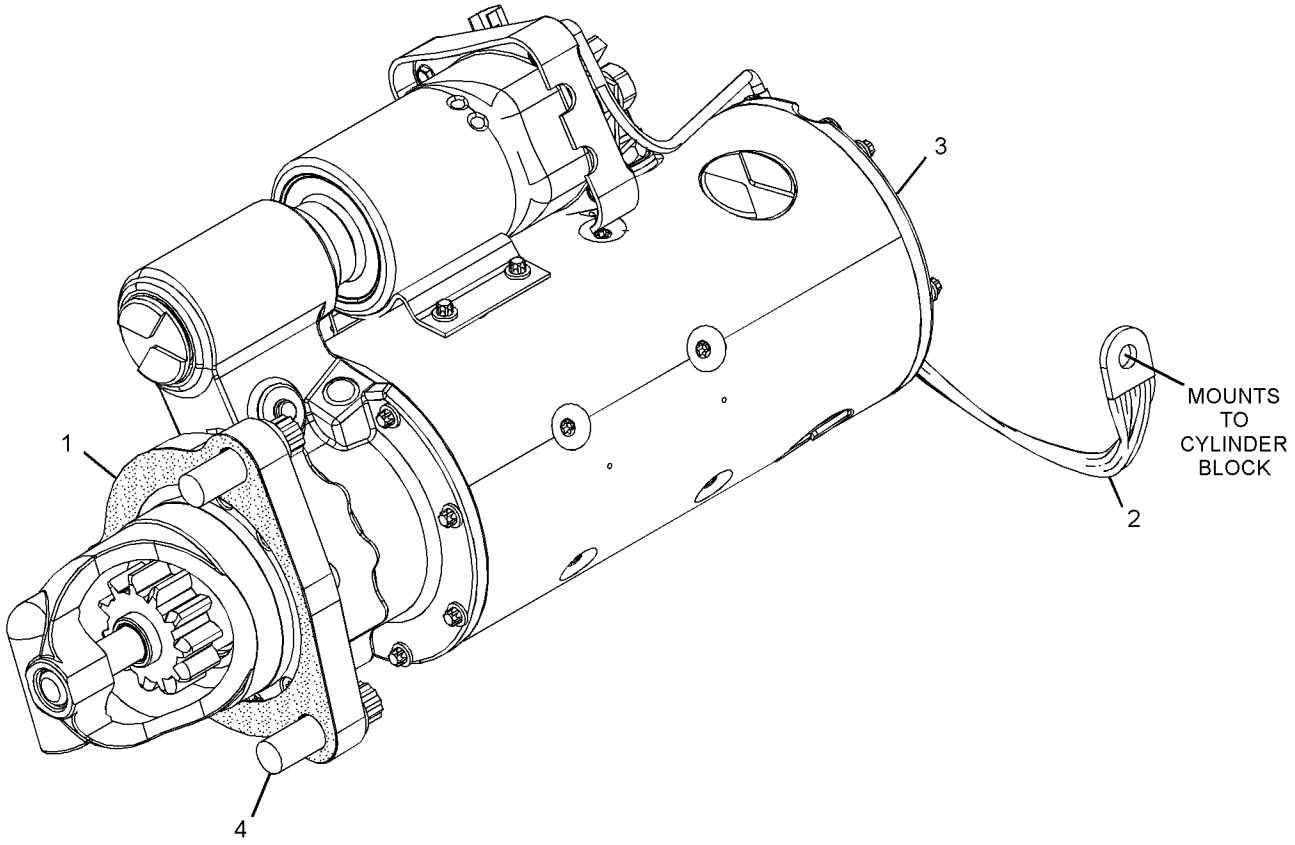
24-VOLT

PART OF 217-5671 INSTALLATION AR-ENGINE

SMCS-1453 **i04557643**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4N-1059**	1	GASKET	
	2	1	**306-8156**	1	STRAP AS-GROUND	
YR	3	1	**357-7354**	1	STARTING MOTOR GP-ELECTRIC (24-VOLT) (BASIC)	521
	4	1	**8S-2332**	3	BOLT-12 POINT HEAD (5/8-11X1.75-IN)	

R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g02729022

338-3454 STARTING MOTOR GP-ELECTRIC*R

S/N: BTW1-UP

24-VOLT

FIELD REPLACEMENT FOR 352-9767—PAGE: 518: FOR 6V-0885—PAGE: 524

SMCS-1453 **i07142098**

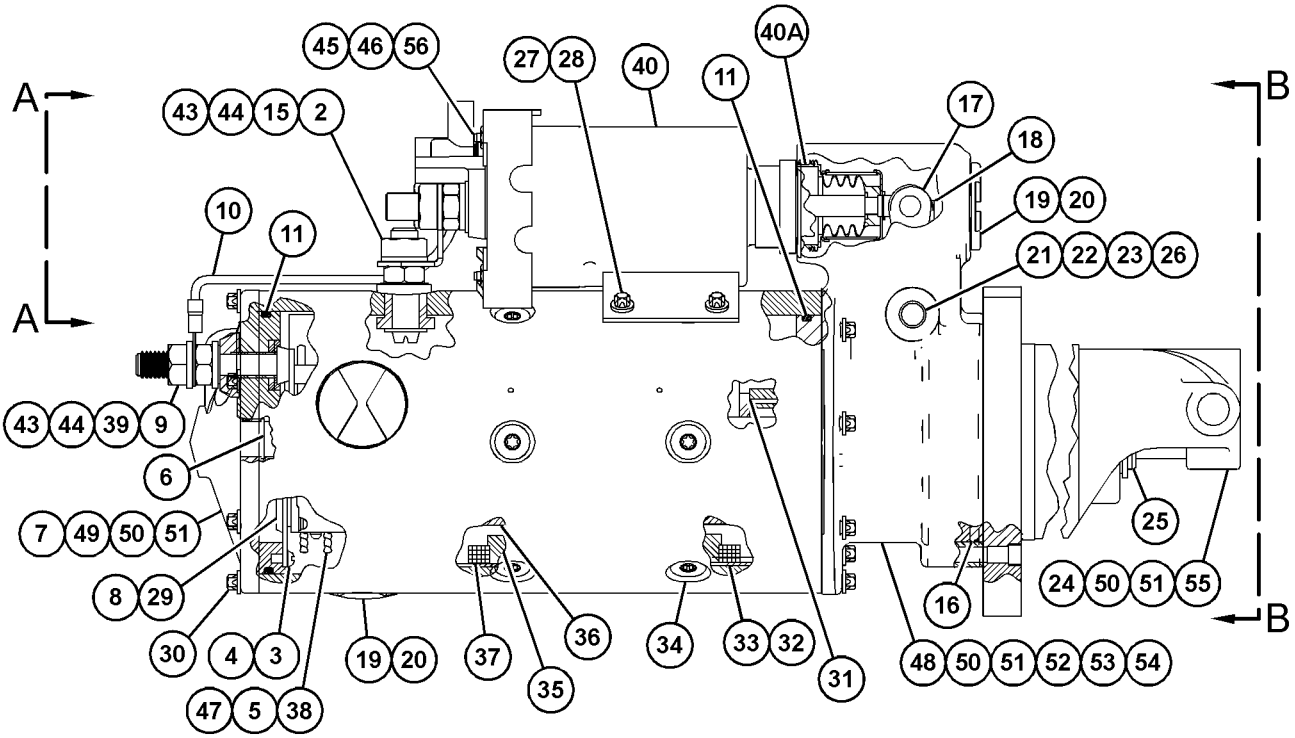
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7M-0326**	1	CONNECTOR	
	2	1	**9H-3757**	2	WASHER (0.516X1X0.094-IN THK)	
	3	1	**1S-7446**	3	SCREW-MACHINE (8-32X0.437-IN)	
	4	1	**8C-9660**	3	WASHER (4.6X7.9X0.8-MM THK)	
	5	1	**9S-2544**	9	SCREW-HEX HEAD (8-32X11.13-MM)	
	6	1	**7M-0327**	1	WASHER-THRUST (17.4X25.4X1.6-MM THK)	
	7	1	**3T-3418**	1	FRAME AS-END	
		1	**3T-3423**	1	CUP	
		1	**3T-3424**	1	PLUG-FELT	
		1	**9G-4101**	1	BUSHING-END	
Y	8	1	**3T-9525**	1	PLATE AS-BRUSH (STARTING MOTOR)	475
	9	1	**1T-0808**	2	WASHER (0.516X0.812X0.09-IN THK)	
	10	1	**3T-3422**	1	WIRE AS	
	11	1	**2J-8163**	2	SEAL-O-RING	
	12	1	**7X-3373**	1	BOLT (5/16-18X0.88-IN)	
	13	1	**125-6535**	1	COVER-STARTING MOTOR	
	14	1	**5J-5314**	5	BOLT (5/16-18X1.5-IN)	
	15	1	**3L-3380**	1	BUSHING-TERMINAL	
	16	1	**8C-3089**	1	SEAL-O-RING	
	17	1	**4M-1853**	1	LEVER AS-SHIFT	
	18	1	**5M-3034**	1	LOCKNUT (5/16-24-THD)	
	19	1	**7L-2894**	4	GASKET	
	20	1	**4M-1831**	4	PLUG-LEVER HOUSING	
	21	1	**4M-1854**	1	SHAFT-LEVER	
	22	1	**1H-1023**	1	SEAL-O-RING	
	23	1	**2D-6392**	1	SEAL-O-RING	
	24	1	**494-6475**	1	HOUSING AS-DRIVE	
	25	1	**6N-3826**	1	DRIVE AS-MOTOR	
	26	1	**2H-3429**	1	RING-RETAINING	
	27	1	**6V-1322**	4	BOLT (1/4-20X0.375-IN)	
	28	1	**8T-4205**	4	WASHER-HARD (7.2X14.5X2-MM THK)	
	29	1	**6N-3279**	1	INSULATOR	
	30	1	**0S-1597**	13	BOLT (1/4-28X1-IN)	
	31	1	**1M-9971**	1	SPACER (0.835X1.72X0.188-IN THK)	
	32	1	**1H-2629**	3	STRIP-INSULATION	
	33	1	**7M-0324**	1	COIL AS-FIELD	
	34	1	**3R-8797**	12	SCREW & WASHER AS (3/8-24X0.72-IN)	
	35	1	**7F-3488**	6	SHOE-POLE	
	36	1	**7M-8651**	1	ARMATURE AS	
	37	1	**7M-0325**	1	INSULATOR	
	38	1	**3T-9524**	6	BRUSH AS	
	39	1	**3N-3763**	1	KIT-TERMINAL (STARTING MOTOR)	
					(INCLUDES BUSHINGS & WASHERS)	
	40	1	**338-3453**	1	SOLENOID AS-STARTING MOTOR (24-VOLT)	
	40A	1	**3R-8801**	1	CLAMP	
	42	1	**8F-1434**	2	LOCKWASHER	
	43	1	**6V-8188**	6	NUT (1/2-13-THD)	

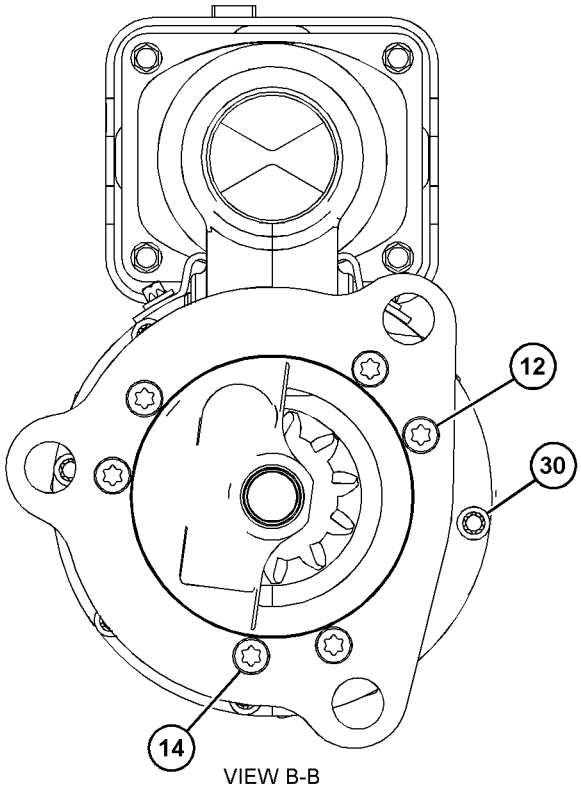
338-3454 **STARTING MOTOR GP-ELECTRIC** (contd.) **i07142098**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	44	1	**7X-0562**	6	WASHER-HARD (13.5X19X0.8-MM THK)	
	45	1	**4B-2049**	6	NUT (10-32-THD)	
	46	1	**8T-0328**	10	WASHER-HARD (5.5X10X1-MM THK)	
	47	1	**3T-9494**	6	SPRING	
	48	1	**3E-7771**	1	HOUSING AS (STARTING MOTOR)	
	49	1	**9G-4101**	1	BUSHING-END	
	50	1	**3T-3424**	3	PLUG-FELT	
	51	1	**3T-3423**	3	CUP	
	52	1	**1M-9968**	1	BUSHING	
	53	1	**2F-6678**	1	SEAL-LIP TYPE	
	54	1	**4L-2729**	1	WASHER (0.844X1.9X0.188-IN THK)	
	55	1	**4M-1896**	1	BUSHING-TERMINAL	
	56	1	**045-4065**	4	SCREW-MACHINE (10-32X0.75-IN)	

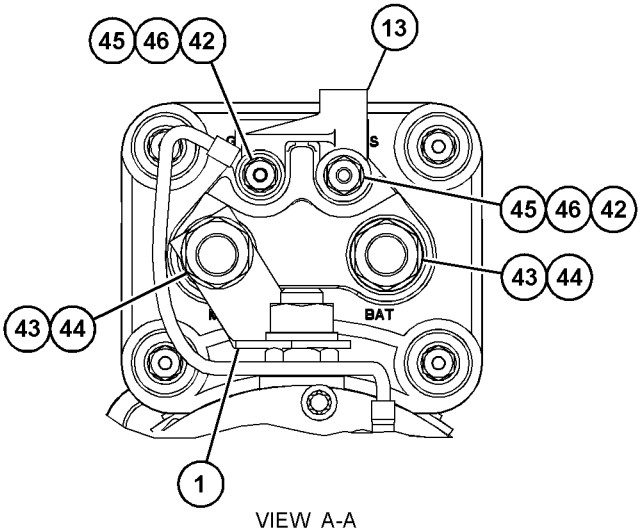
Y - SEPARATE ILLUSTRATION

338-3454 **STARTING MOTOR GP-ELECTRIC (**contd.**)** **i07142098**





VIEW B-B



VIEW A-A

GRAPHIC #1 <END> g06168289

352-9767 STARTING MOTOR GP-ELECTRIC

S/N: BTW1-UP
24-VOLT
FIELD REPLACEMENT ORDER 338-3454—PAGE: 515
FIELD REPLACEMENT FOR 6V-0885—PAGE: 524
PART OF 239-4249 STARTING MOTOR GP-ELECTRIC

SMCS-1453 **i04988913**

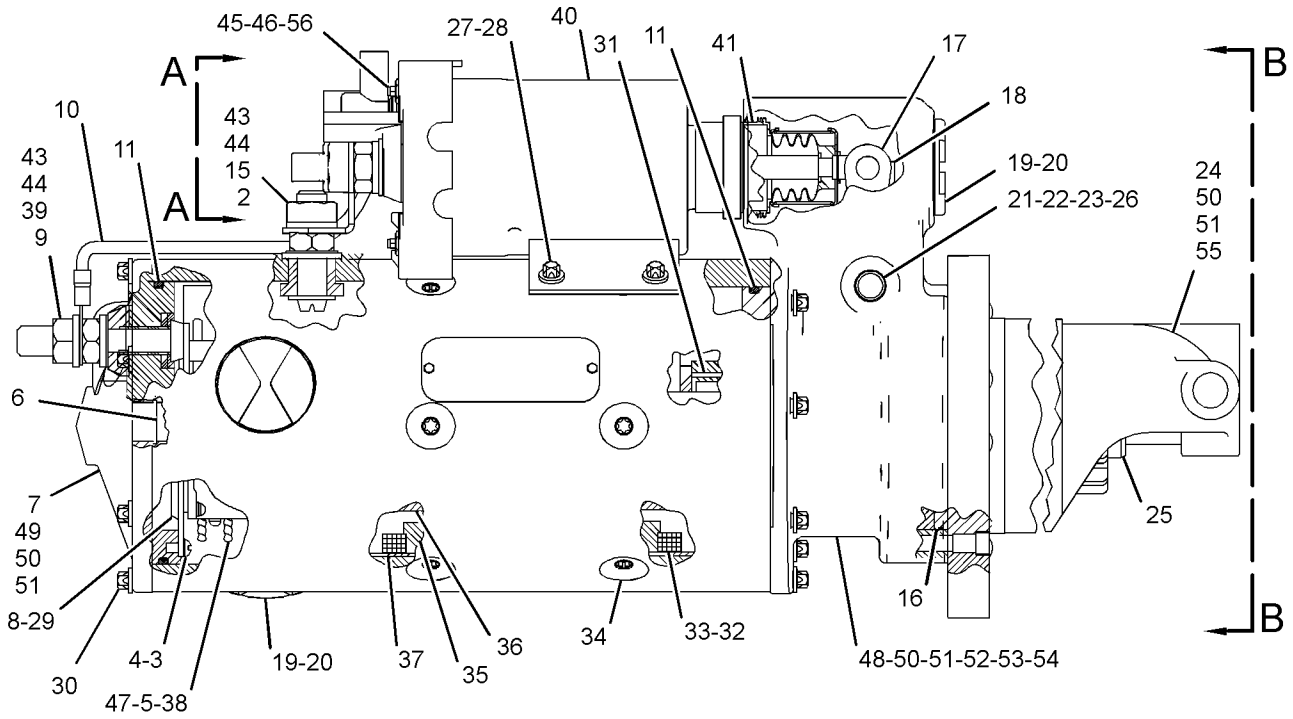
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7M-0326**	1	CONNECTOR	
	2	1	**9H-3757**	2	WASHER (0.516X1X0.094-IN THK)	
	3	1	**1S-7446**	3	SCREW-MACHINE (8-32X0.437-IN)	
	4	1	**8C-9660**	3	WASHER (4.6X7.9X0.8-MM THK)	
	5	1	**9S-2544**	9	SCREW-HEX HEAD (8-32X11.13-MM)	
	6	1	**7M-0327**	1	WASHER-THRUST (17.4X25.4X1.6-MM THK)	
	7	1	**3T-3418**	1	FRAME AS-END	
		1	**3T-3423**	1	CUP	
		1	**3T-3424**	1	PLUG-FELT	
		1	**9G-4101**	1	BUSHING-END	
Y	8	1	**3T-9525**	1	PLATE AS-BRUSH (STARTING MOTOR)	475
	9	1	**1T-0808**	2	WASHER (0.516X0.812X0.09-IN THK)	
	10	1	**3T-3422**	1	WIRE AS	
	11	1	**2J-8163**	2	SEAL-O-RING	
	12	1	**7X-3373**	1	BOLT (5/16-18X0.88-IN)	
	13	1	**3T-3434**	6	PLUG	
	14	1	**5J-5314**	5	BOLT (5/16-18X1.5-IN)	
	15	1	**3L-3380**	1	BUSHING-TERMINAL	
	16	1	**8C-3089**	1	SEAL-O-RING	
	17	1	**4M-1853**	1	LEVER AS-SHIFT	
	18	1	**5M-3034**	1	LOCKNUT (5/16-24-THD)	
	19	1	**7L-2894**	4	GASKET	
	20	1	**4M-1831**	4	PLUG-LEVER HOUSING	
	21	1	**4M-1854**	1	SHAFT-LEVER	
	22	1	**1H-1023**	1	SEAL-O-RING	
	23	1	**2D-6392**	1	SEAL-O-RING	
	24	1	**7T-3974**	1	HOUSING AS-DRIVE	
	25	1	**6N-3826**	1	DRIVE AS-MOTOR	
	26	1	**2H-3429**	1	RING-RETAINING	
	27	1	**6V-1322**	4	BOLT (1/4-20X0.375-IN)	
	28	1	**8T-4205**	4	WASHER-HARD (7.2X14.5X2-MM THK)	
	29	1	**6N-3279**	1	INSULATOR	
	30	1	**0S-1597**	13	BOLT (1/4-28X1-IN)	
	31	1	**1M-9971**	1	SPACER (0.835X1.72X0.188-IN THK)	
	32	1	**1H-2629**	3	STRIP-INSULATION	
	33	1	**7M-0324**	1	COIL AS-FIELD	
	34	1	**3R-8797**	12	SCREW & WASHER AS (3/8-24X0.72-IN)	
	35	1	**7F-3488**	6	SHOE-POLE	
	36	1	**7M-8651**	1	ARMATURE AS	
	37	1	**7M-0325**	1	INSULATOR	
	38	1	**3T-9524**	6	BRUSH AS	
	39	1	**3N-3763**	1	KIT-TERMINAL (STARTING MOTOR)	
					(INCLUDES BUSHINGS & WASHER)	
	40	1	**338-3453**	1	SOLENOID AS-STARTING MOTOR (24-VOLT)	
		1	**3R-8801**	1	CLAMP	

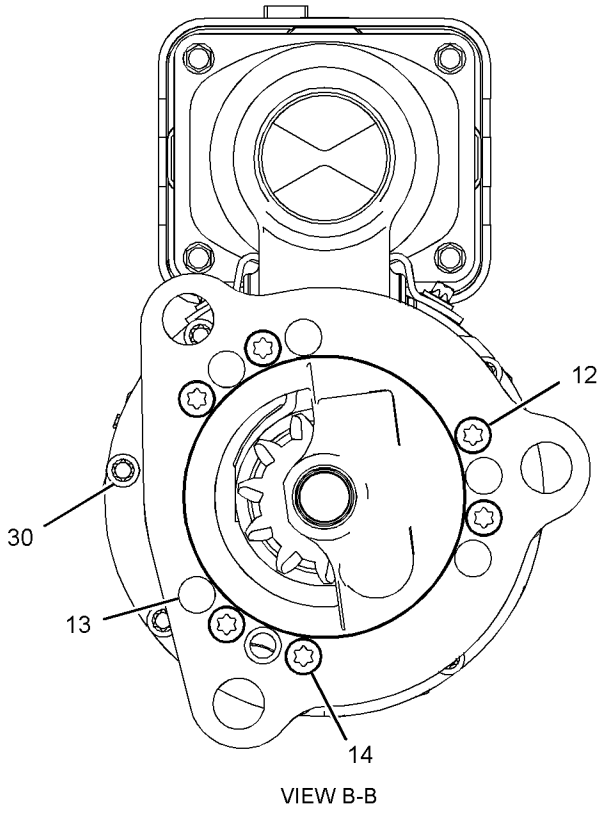
352-9767 **STARTING MOTOR GP-ELECTRIC (**contd.**)** **i04988913**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	41	1	**3R-8801**	1	CLAMP	
	42	1	**8F-1434**	2	LOCKWASHER	
	43	1	**6V-8188**	6	NUT (1/2-13-THD)	
	44	1	**7X-0562**	6	WASHER-HARD (13.5X19X0.8-MM THK)	
	45	1	**4B-2049**	6	NUT (10-32-THD)	
	46	1	**8T-0328**	10	WASHER-HARD (5.5X10X1-MM THK)	
	47	1	**3T-9494**	6	SPRING	
	48	1	**3E-7771**	1	HOUSING AS (STARTING MOTOR)	
	49	1	**9G-4101**	1	BUSHING-END	
	50	1	**3T-3424**	3	PLUG-FELT	
	51	1	**3T-3423**	3	CUP	
	52	1	**1M-9968**	1	BUSHING	
	53	1	**2F-6678**	1	SEAL-LIP TYPE	
	54	1	**4L-2729**	1	WASHER (0.844X1.9X0.188-IN THK)	
	55	1	**4M-1896**	1	BUSHING-TERMINAL	
	56	1	**045-4065**	4	SCREW-MACHINE (10-32X0.75-IN)	
	58	1	**125-6535**	1	COVER-STARTING MOTOR	

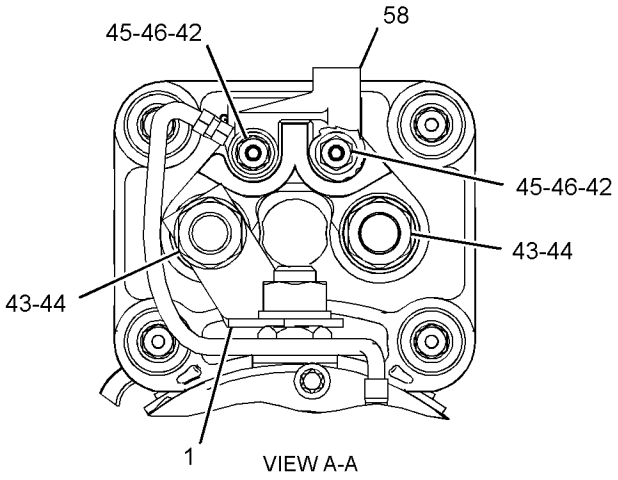
Y - SEPARATE ILLUSTRATION

352-9767 **STARTING MOTOR GP-ELECTRIC** (contd.) **i04988913**





VIEW B-B



VIEW A-A

GRAPHIC #1 <END> g03174496

357-7354 STARTING MOTOR GP-ELECTRIC*R

S/N: BTW196-UP

PART OF 281-6930 STARTING MOTOR GP-ELECTRIC

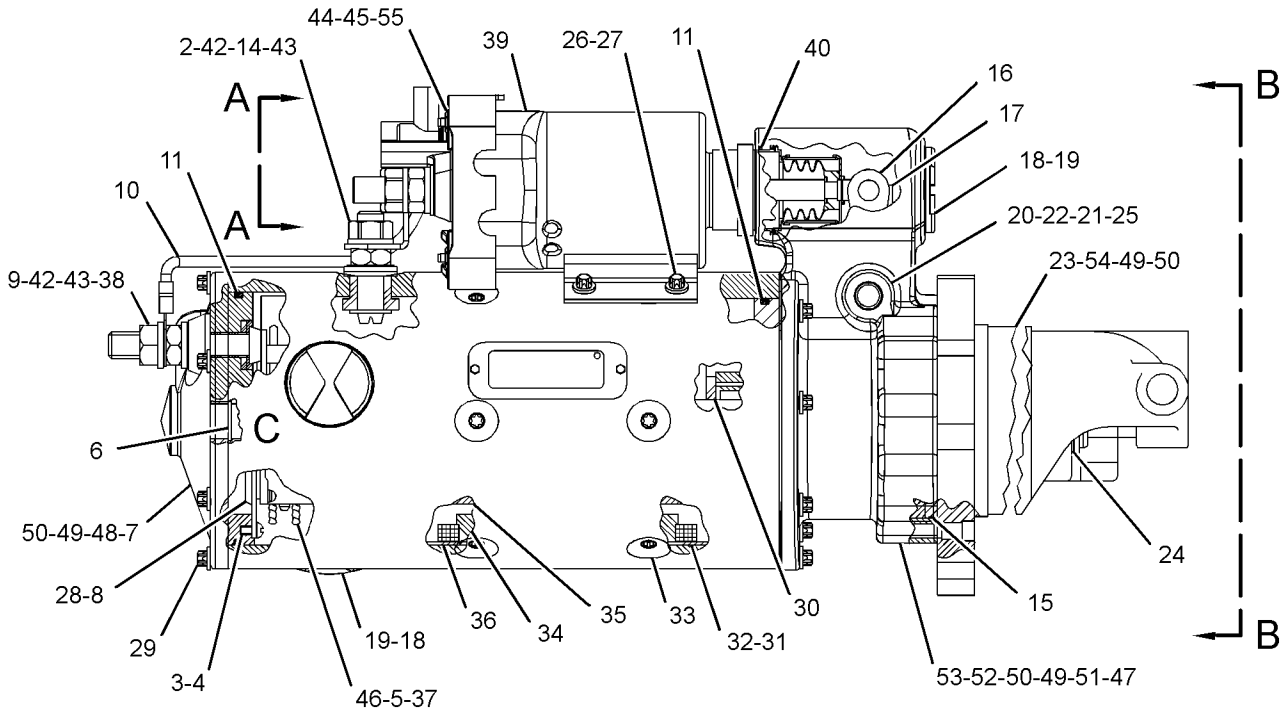
SMCS-1453 **i05043096**

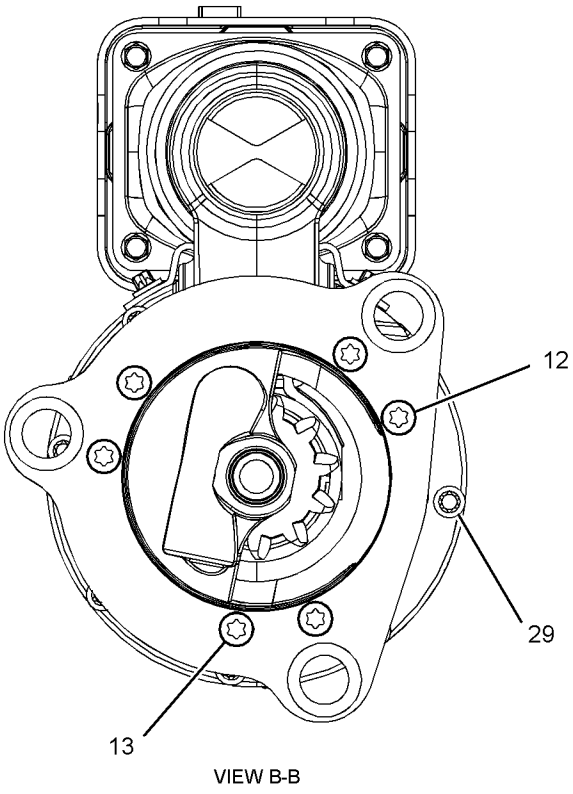
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7M-0326**	1	CONNECTOR	
	2	1	**9H-3757**	2	WASHER (0.516X1X0.094-IN THK)	
	3	1	**1S-7446**	3	SCREW-MACHINE (8-32X0.437-IN)	
	4	1	**8C-9660**	3	WASHER (4.6X7.9X0.8-MM THK)	
	5	1	**9S-2544**	9	SCREW-HEX HEAD (8-32X11.13-MM)	
	6	1	**7M-0327**	1	WASHER-THRUST (17.4X25.4X1.6-MM THK)	
	7	1	**3T-3418**	1	FRAME AS-END	
		1	**3T-3423**	1	CUP	
		1	**3T-3424**	1	PLUG-FELT	
		1	**9G-4101**	1	BUSHING-END	
	8	1	**3T-9525**	1	PLATE AS-BRUSH (STARTING MOTOR)	
	8A	1	**6T-0371**	1	INSULATOR	
	8B	1	**5P-6298**	12	SCREW-MACHINE (10-32X0.5-IN)	
		1	**9F-5599**	12	LOCKWASHER	
	8C	1	**7F-3525**	6	WASHER-SPECIAL (0.207X0.39X0.09-IN THK)	
	8D	1	**6T-0372**	1	PLATE	
	8E	1	**3T-4709**	3	PLATE	
	8F	1	**2L-6679**	3	PLATE-INSULATOR	
	8G	1	**3T-4710**	3	PLATE	
	8H	1	**6T-0363**	6	HOLDER AS-BRUSH	
					(EACH INCLUDES)	
	8J	1	**3T-9494**	1	SPRING	
	9	1	**1T-0808**	2	WASHER (0.516X0.812X0.09-IN THK)	
	10	1	**3T-3422**	1	WIRE AS	
	11	1	**2J-8163**	2	SEAL-O-RING	
	12	1	**7X-3373**	1	BOLT (5/16-18X0.88-IN)	
	13	1	**5J-5314**	5	BOLT (5/16-18X1.5-IN)	
	14	1	**3L-3380**	1	BUSHING-TERMINAL	
	15	1	**8C-3089**	1	SEAL-O-RING	
	16	1	**4M-1853**	1	LEVER AS-SHIFT	
	17	1	**5M-3034**	1	LOCKNUT (5/16-24-THD)	
	18	1	**7L-2894**	4	GASKET	
	19	1	**4M-1831**	4	PLUG-LEVER HOUSING	
	20	1	**4M-1854**	1	SHAFT-LEVER	
	21	1	**1H-1023**	1	SEAL-O-RING	
	22	1	**2D-6392**	1	SEAL-O-RING	
	23	1	**272-7152**	1	HOUSING AS-DRIVE	
	24	1	**6N-3826**	1	DRIVE AS-MOTOR	
	25	1	**2H-3429**	1	RING-RETAINING	
	26	1	**6V-1322**	4	BOLT (1/4-20X0.375-IN)	
	27	1	**8T-4205**	4	WASHER-HARD (7.2X14.5X2-MM THK)	
	28	1	**6N-3279**	1	INSULATOR	
	29	1	**0S-1597**	13	BOLT (1/4-28X1-IN)	
	30	1	**1M-9971**	1	SPACER (0.835X1.72X0.188-IN THK)	
	31	1	**1H-2629**	3	STRIP-INSULATION	
	32	1	**7M-0324**	1	COIL AS-FIELD	
	33	1	**3R-8797**	12	SCREW & WASHER AS (3/8-24X0.72-IN)	
	34	1	**7F-3488**	6	SHOE-POLE	

357-7354 **STARTING MOTOR GP-ELECTRIC (**contd.**)** **i05043096**

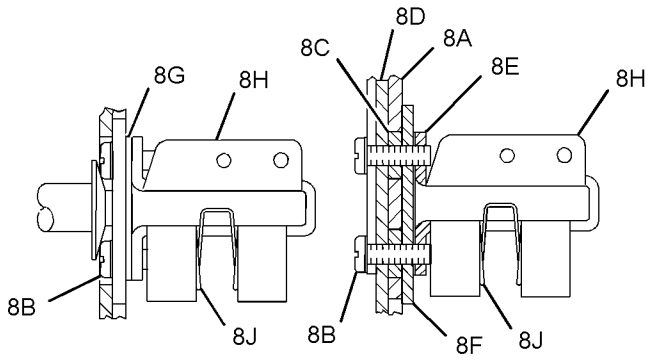
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	35	1	**7M-8651**	1	ARMATURE AS	
	36	1	**7M-0325**	1	INSULATOR	
	37	1	**3T-9524**	6	BRUSH AS	
	38	1	**3N-3763**	1	KIT-TERMINAL (STARTING MOTOR)	
					(INCLUDES INSULATOR, BUSHINGS, & WEDGE)	
	39	1	**338-3453**	1	SOLENOID AS-STARTING MOTOR (24-VOLT)	
		1	**3R-8801**	1	CLAMP	
	40	1	**3R-8801**	1	CLAMP	
	41	1	**8F-1434**	2	LOCKWASHER	
	42	1	**6V-8188**	6	NUT (1/2-13-THD)	
	43	1	**7X-0562**	6	WASHER-HARD (13.5X19X0.8-MM THK)	
	44	1	**4B-2049**	6	NUT (10-32-THD)	
	45	1	**8T-0328**	10	WASHER-HARD (5.5X10X1-MM THK)	
	46	1	**3T-9494**	6	SPRING	
	47	1	**3E-7771**	1	HOUSING AS (STARTING MOTOR)	
	48	1	**9G-4101**	1	BUSHING-END	
	49	1	**3T-3424**	3	PLUG-FELT	
	50	1	**3T-3423**	3	CUP	
	51	1	**1M-9968**	1	BUSHING	
	52	1	**2F-6678**	1	SEAL-LIP TYPE	
	53	1	**4L-2729**	1	WASHER (0.844X1.9X0.188-IN THK)	
	54	1	**4M-1896**	1	BUSHING-TERMINAL	
	55	1	**045-4065**	4	SCREW-MACHINE (10-32X0.75-IN)	
	56	1	**125-6535**	1	COVER-STARTING MOTOR	

357-7354 **STARTING MOTOR GP-ELECTRIC (**contd.**)** **i05043096**

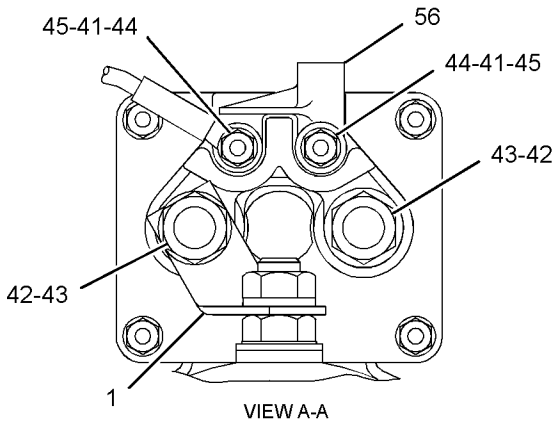




VIEW B-B



VIEW OF AREA C
(PARTS REMOVED FOR CLARITY)



VIEW A-A

GRAPHIC #1 <END> g03228418

6V-0885 STARTING MOTOR GP-ELECTRIC

S/N: BTW1-UP
24-VOLT
FIELD REPLACEMENT ORDER 352-9767—PAGE: 518, 6V-0890—PAGE: 527, 338-3454—PAGE: 515
PART OF 239-4249 STARTING MOTOR GP-ELECTRIC

SMCS-1453 **i05371300**

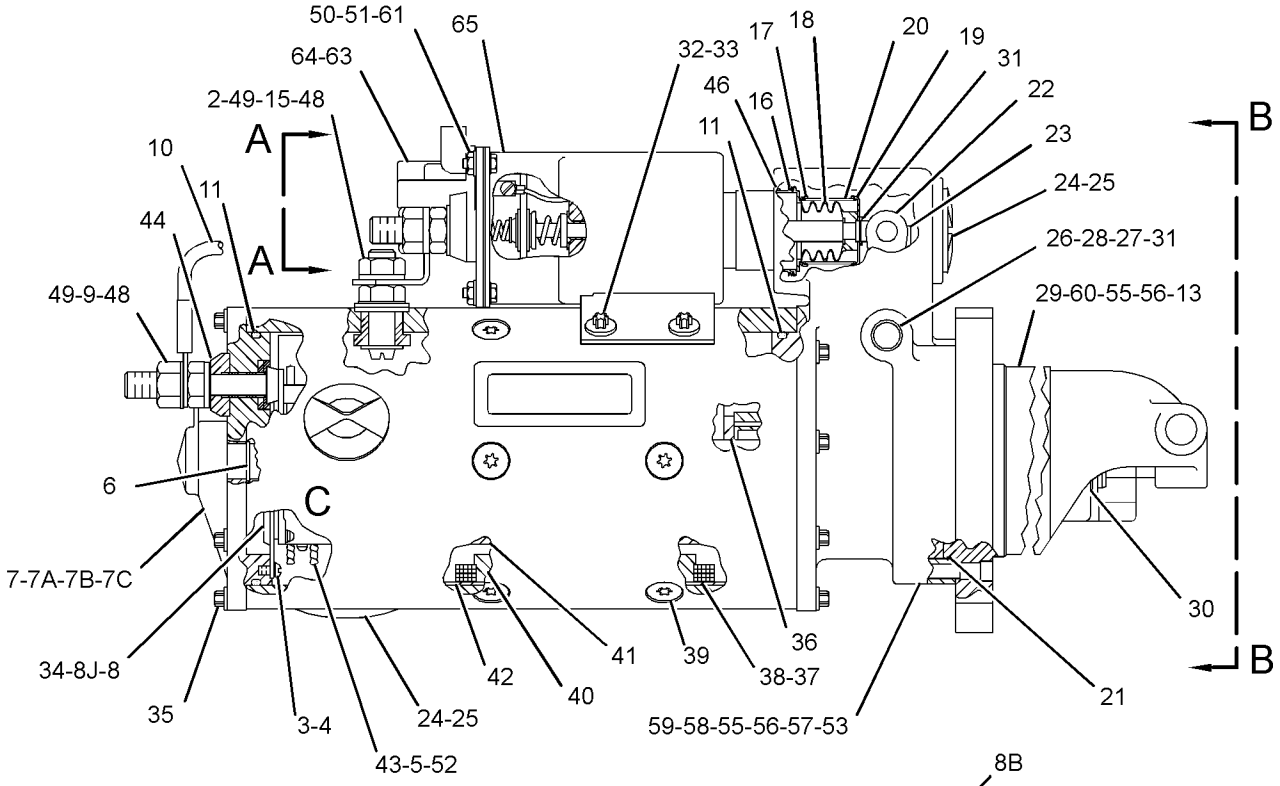
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7M-0326**	1	CONNECTOR	
	2	1	**9H-3757**	2	WASHER (0.516X1X0.094-IN THK)	
	3	1	**1S-7446**	3	SCREW-MACHINE (8-32X0.437-IN)	
	4	1	**8C-9660**	3	WASHER (4.6X7.9X0.8-MM THK)	
	5	1	**9S-2544**	9	SCREW-HEX HEAD (8-32X11.13-MM)	
	6	1	**7M-0327**	1	WASHER-THRUST (17.4X25.4X1.6-MM THK)	
	7	1	**3T-3418**	1	FRAME AS-END	
	7A	1	**3T-3424**	1	PLUG-FELT	
	7B	1	**3T-3423**	1	CUP	
	7C	1	**9G-4101**	1	BUSHING-END	
	8	1	**3T-9525**	1	PLATE AS-BRUSH (STARTING MOTOR)	
	8A	1	**9F-5599**	12	LOCKWASHER	
	8B	1	**6T-0371**	1	INSULATOR	
	8C	1	**6T-0363**	6	HOLDER AS-BRUSH (STARTING MOTOR)	
					(EACH INCLUDES)	
	8D	1	**3T-9494**	1	SPRING (STARTING MOTOR BRUSH)	
	8E	1	**3T-4709**	3	PLATE	
	8F	1	**3T-4710**	3	PLATE	
	8G	1	**2L-6679**	3	PLATE-INSULATOR	
	8H	1	**7F-3525**	6	WASHER-SPECIAL (0.207X0.39X0.09-IN THK)	
	8J	1	**6T-0372**	1	PLATE	
	8K	1	**5P-6298**	12	SCREW-MACHINE (10-32X0.5-IN)	
	9	1	**1T-0808**	2	WASHER (0.516X0.812X0.09-IN THK)	
	10	1	**3T-3422**	1	WIRE AS	
	11	1	**2J-8163**	2	SEAL-O-RING	
	12	1	**7X-3373**	1	BOLT (5/16-18X0.88-IN)	
B	13	1	**3T-3434**	6	PLUG	
	14	1	**5J-5314**	5	BOLT (5/16-18X1.5-IN)	
	15	1	**3L-3380**	1	BUSHING-TERMINAL	
	16	1	**036-9821**	1	WASHER	
	17	1	**4M-1828**	1	RETAINER-SPRING	
	18	1	**306-3998**	1	BOOT-RUBBER	
	19	1	**4M-1827**	1	RETAINER-SPRING	
	20	1	**9M-7609**	1	SPRING (SHIFT LEVER)	
	21	1	**8C-3089**	1	SEAL-O-RING	
	22	1	**4M-1853**	1	LEVER AS-SHIFT	
	23	1	**5M-3034**	1	LOCKNUT (5/16-24-THD)	
	24	1	**7L-2894**	4	GASKET	
	25	1	**4M-1831**	4	PLUG-LEVER HOUSING	
	26	1	**4M-1854**	1	SHAFT-LEVER	
	27	1	**1H-1023**	1	SEAL-O-RING	
	28	1	**2D-6392**	1	SEAL-O-RING	
	29	1	**7T-3974**	1	HOUSING AS-DRIVE	
	30	1	**6N-3826**	1	DRIVE AS-MOTOR	
	31	1	**2H-3429**	2	RING-RETAINING	

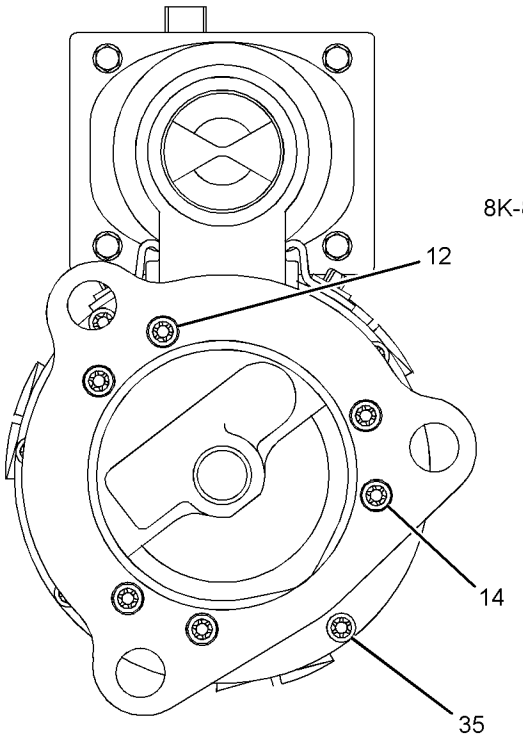
6V-0885 **STARTING MOTOR GP-ELECTRIC (**contd.**)** **i05371300**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	32	1	**6V-1322**	4	BOLT (1/4-20X0.375-IN)	
	33	1	**8T-4205**	4	WASHER-HARD (7.2X14.5X2-MM THK)	
	34	1	**6N-3279**	1	INSULATOR	
	35	1	**0S-1597**	13	BOLT (1/4-28X1-IN)	
	36	1	**1M-9971**	1	SPACER (0.835X1.72X0.188-IN THK)	
	37	1	**1H-2629**	3	STRIP-INSULATION	
	38	1	**7M-0324**	1	COIL AS-FIELD	
	39	1	**3R-8797**	12	SCREW & WASHER AS (3/8-24X0.72-IN)	
	40	1	**7F-3488**	6	SHOE-POLE	
	41	1	**7M-8651**	1	ARMATURE AS	
	42	1	**7M-0325**	1	INSULATOR	
	43	1	**3T-9524**	6	BRUSH AS	
	44	1	**3N-3763**	1	KIT-TERMINAL (STARTING MOTOR)	
					(INCLUDES BUSHINGS & WASHERS)	
	45	1	**125-6535**	1	COVER-STARTING MOTOR	
	46	1	**3R-8801**	1	CLAMP	
	47	1	**8F-1434**	2	LOCKWASHER	
	48	1	**6V-8188**	6	NUT (1/2-13-THD)	
	49	1	**7X-0562**	6	WASHER-HARD (13.5X19X0.8-MM THK)	
	50	1	**4B-2049**	6	NUT (10-32-THD)	
	51	1	**8T-0328**	10	WASHER-HARD (5.5X10X1-MM THK)	
	52	1	**3T-9494**	6	SPRING (STARTING MOTOR BRUSH)	
	53	1	**3E-7771**	1	HOUSING AS (STARTING MOTOR)	
	55	1	**3T-3424**	2	PLUG-FELT	
	56	1	**3T-3423**	2	CUP	
	57	1	**1M-9968**	1	BUSHING	
	58	1	**2F-6678**	1	SEAL-LIP TYPE	
	59	1	**4L-2729**	1	WASHER (0.844X1.9X0.188-IN THK)	
	60	1	**4M-1896**	1	BUSHING-TERMINAL	
	61	1	**045-4065**	4	SCREW-MACHINE (10-32X0.75-IN)	
	63	1	**7T-9123**	1	GASKET-PLATE	
	64	1	**125-6536**	1	TERMINAL AS	
C	65	1	**338-3453**	1	SOLENOID AS-STARTING MOTOR (24-VOLT)	

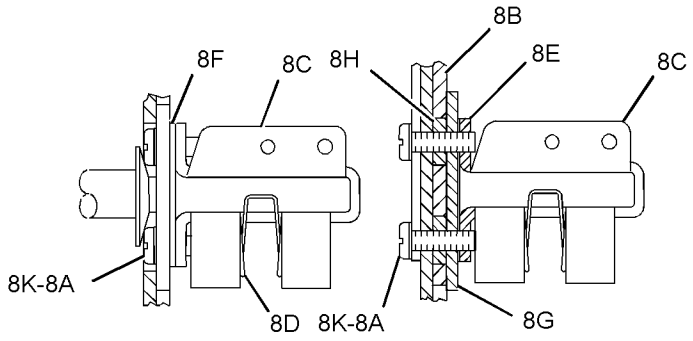
B - USE AS REQUIRED
C - CHANGE FROM PREVIOUS TYPE

6V-0885 **STARTING MOTOR GP-ELECTRIC** (contd.) **i05371300**

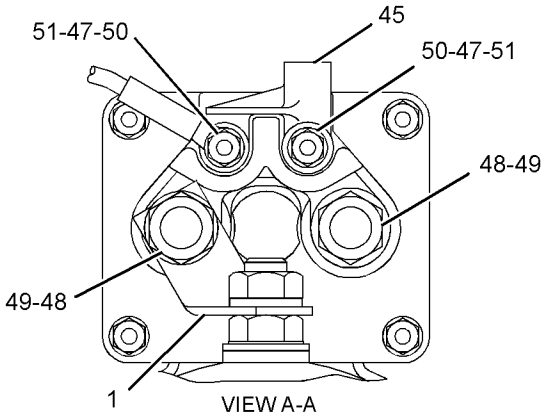




VIEW B-B



VIEW OF AREA C



VIEW A-A

GRAPHIC #1 <END> g03399867

6V-0890 STARTING MOTOR GP-ELECTRIC*R

S/N: BTW1-UP

24-VOLT

FIELD REPLACEMENT FOR 6V-0885—PAGE: 524

SMCS-1453 **i03164603**

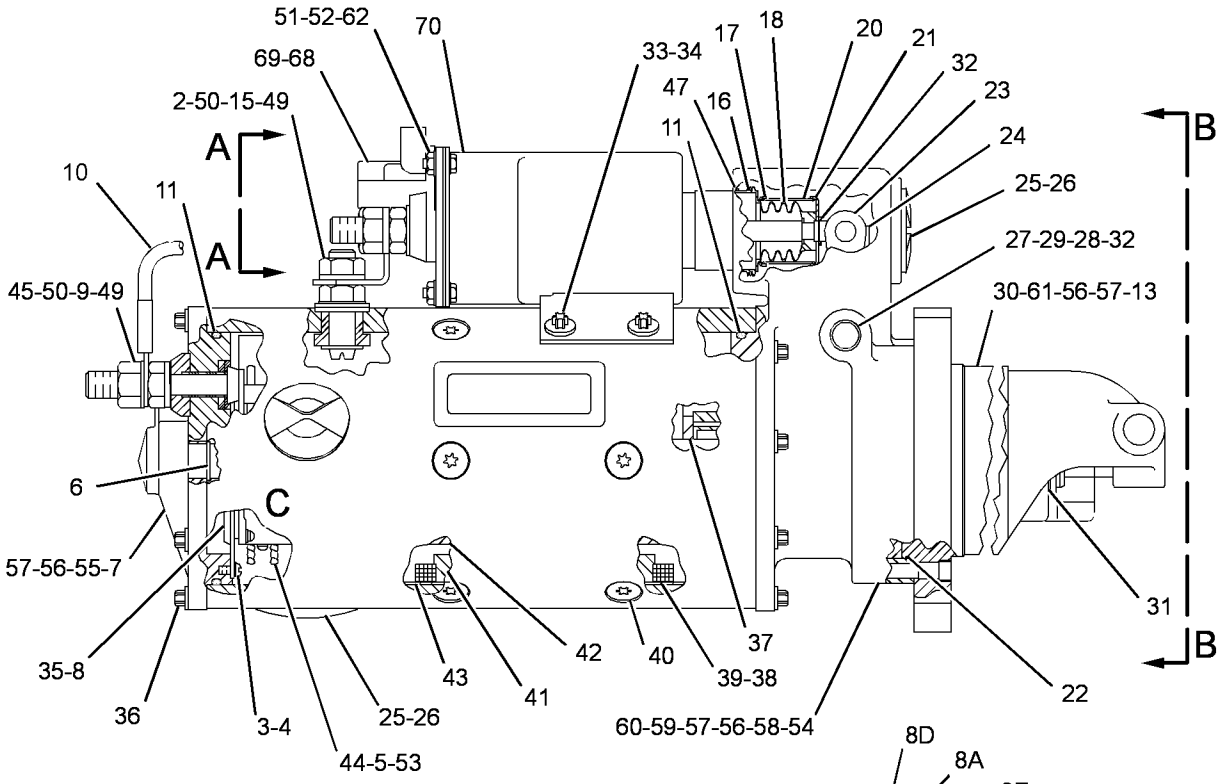
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7M-0326**	1	CONNECTOR	
	2	1	**9H-3757**	2	WASHER (0.516X1X0.094-IN THK)	
	3	1	**1S-7446**	3	SCREW-MACHINE (8-32X0.437-IN)	
	4	1	**8C-9660**	3	WASHER (4.6X7.9X0.8-MM THK)	
	5	1	**9S-2544**	9	SCREW-HEX HEAD (8-32X11.13-MM)	
	6	1	**7M-0327**	1	WASHER-THRUST (17.4X25.4X1.6-MM THK)	
	7	1	**3T-3418**	1	FRAME AS-END	
		1	**3T-3423**	1	CUP	
		1	**9G-4101**	1	BUSHING-END	
		1	**3T-3424**	1	PLUG-FELT	
	8	1	**3T-9525**	1	PLATE AS-BRUSH (STARTING MOTOR)	
	8A	1	**6T-0371**	1	INSULATOR	
	8B	1	**5P-6298**	12	SCREW-MACHINE (10-32X0.5-IN)	
		1	**9F-5599**	12	LOCKWASHER	
	8C	1	**7F-3525**	6	WASHER-SPECIAL (0.207X0.39X0.09-IN THK)	
	8D	1	**6T-0372**	1	PLATE	
	8E	1	**3T-4709**	3	PLATE	
	8F	1	**2L-6679**	3	PLATE-INSULATOR	
	8G	1	**3T-4710**	3	PLATE	
	8H	1	**6T-0363**	6	HOLDER AS-BRUSH	
					(EACH INCLUDES)	
	8J	1	**3T-9494**	1	SPRING (STARTING MOTOR)	
	9	1	**7F-3491**	2	WASHER (0.516X1X0.094-IN THK)	
	10	1	**3T-3422**	1	WIRE AS	
	11	1	**2J-8163**	2	SEAL-O-RING	
	12	1	**7X-3373**	1	BOLT (5/16-18X0.88-IN)	
B	13	1	**3T-3434**	6	PLUG	
	14	1	**5J-5314**	5	BOLT (5/16-18X1.5-IN)	
	15	1	**3L-3380**	1	BUSHING-TERMINAL	
	16	1	**036-9821**	1	WASHER	
	17	1	**4M-1828**	1	RETAINER-SPRING	
	18	1	**4M-1829**	1	BOOT-RUBBER	
	20	1	**9M-7609**	1	SPRING (SHIFT LEVER)	
	21	1	**4M-1827**	1	RETAINER-SPRING	
	22	1	**8C-3089**	1	SEAL-O-RING	
	23	1	**4M-1853**	1	LEVER AS-SHIFT	
	24	1	**5M-3034**	1	LOCKNUT (5/16-24-THD)	
	25	1	**7L-2894**	4	GASKET	
	26	1	**4M-1831**	4	PLUG-LEVER HOUSING	
	27	1	**4M-1854**	1	SHAFT-LEVER	
	28	1	**1H-1023**	1	SEAL-O-RING	
	29	1	**2D-6392**	1	SEAL-O-RING	
	30	1	**7T-3974**	1	HOUSING AS-DRIVE	
	31	1	**6N-3826**	1	DRIVE AS-MOTOR	
	32	1	**2H-3429**	2	RING-RETAINING (EXTERNAL)	
	33	1	**6V-1322**	4	BOLT (1/4-20X0.375-IN)	
	34	1	**8T-4205**	4	WASHER-HARD (7.2X14.5X2-MM THK)	

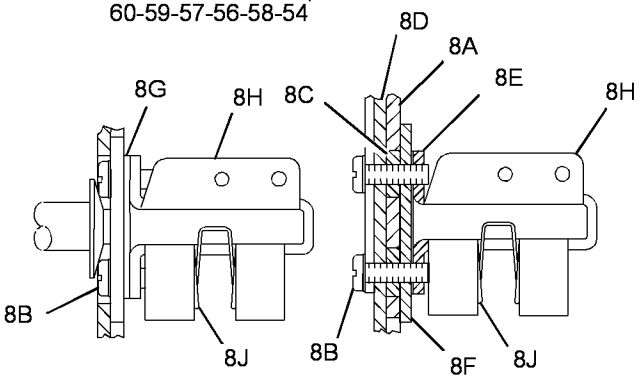
6V-0890 **STARTING MOTOR GP-ELECTRIC (**contd.**)** **i03164603**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	35	1	**6N-3279**	1	INSULATOR	
	36	1	**036-9823**	13	BOLT (1/4-28X1-IN)	
	37	1	**1M-9971**	1	SPACER (0.835X1.72X0.188-IN THK)	
	38	1	**1H-2629**	3	STRIP-INSULATION	
	39	1	**7M-0324**	1	COIL AS-FIELD	
	40	1	**3F-0379**	12	SCREW-POLE SHOE (3/8-24-THD)	
	41	1	**7F-3488**	6	SHOE-POLE	
	42	1	**7M-8651**	1	ARMATURE AS	
	43	1	**7M-0325**	1	INSULATOR	
	44	1	**3T-9524**	6	BRUSH AS	
	45	1	**3N-3763**	1	KIT-TERMINAL (STARTING MOTOR)	
					(INCLUDES INSULATOR, BUSHINGS & WASHER)	
	46	1	**125-6537**	1	INSULATOR	
	47	1	**3R-8801**	1	CLAMP	
	48	1	**8F-1434**	2	LOCKWASHER	
	49	1	**6V-8188**	6	NUT (1/2-13-THD)	
	50	1	**7X-0562**	6	WASHER-HARD (13.5X19X0.8-MM THK)	
	51	1	**4B-2049**	6	NUT (10-32-THD)	
	52	1	**8T-0328**	10	WASHER-HARD (5.5X10X1-MM THK)	
	53	1	**3T-9494**	6	SPRING (STARTING MOTOR)	
	54	1	**3E-7771**	1	HOUSING AS (STARTING MOTOR)	
	55	1	**9G-4101**	1	BUSHING-END	
	56	1	**3T-3424**	3	PLUG-FELT	
	57	1	**3T-3423**	3	CUP	
	58	1	**1M-9968**	1	BUSHING	
	59	1	**2F-6678**	1	SEAL-LIP TYPE	
	60	1	**4L-2729**	1	WASHER (0.844X1.9X0.188-IN THK)	
	61	1	**4M-1896**	1	BUSHING-TERMINAL	
	62	1	**045-4065**	4	SCREW-MACHINE (10-32X0.75-IN)	
	67	1	**125-6535**	1	COVER-STARTING MOTOR	
	68	1	**7T-9123**	1	GASKET-PLATE	
	69	1	**125-6536**	1	TERMINAL AS	
C	70	1	**238-1851**	1	SOLENOID AS-STARTING MOTOR (24-VOLT)	
		1	**3R-8801**	1	CLAMP (BOOT)	

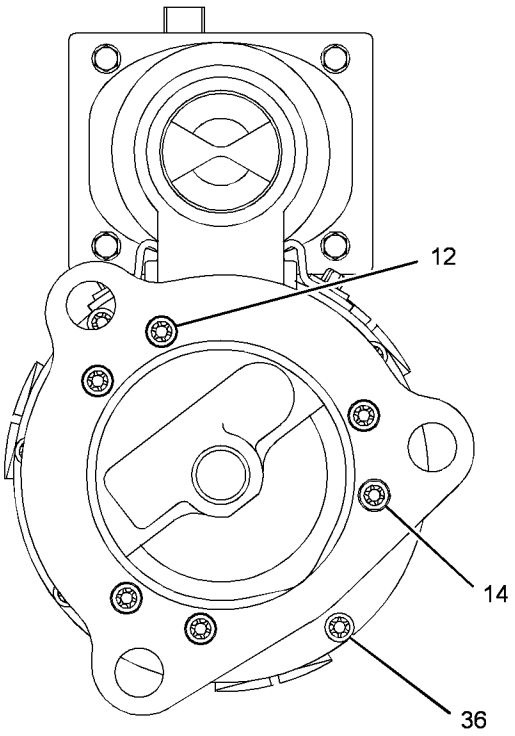
B - USE AS REQUIRED
C - CHANGE FROM PREVIOUS TYPE

6V-0890 **STARTING MOTOR GP-ELECTRIC** (contd.) **i03164603**

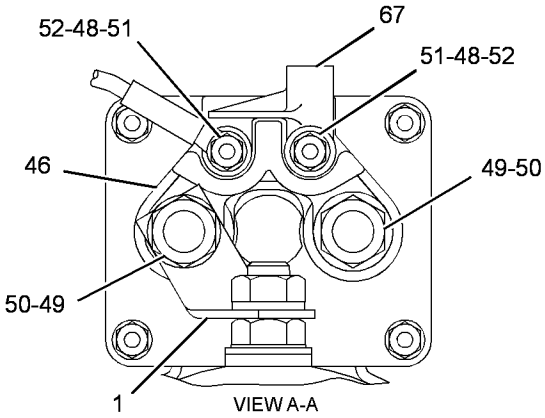




VIEW OF AREA C



VIEW B-B



VIEW A-A

GRAPHIC #1 <END> g01430014

164-7577 SWITCH GP-BYPASS—POWER TRAIN OIL FILTER

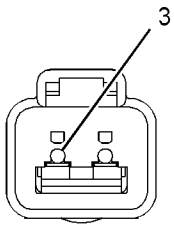
S/N: BTW1-UP

PART OF 234-7878 WIRING GP-MACHINE

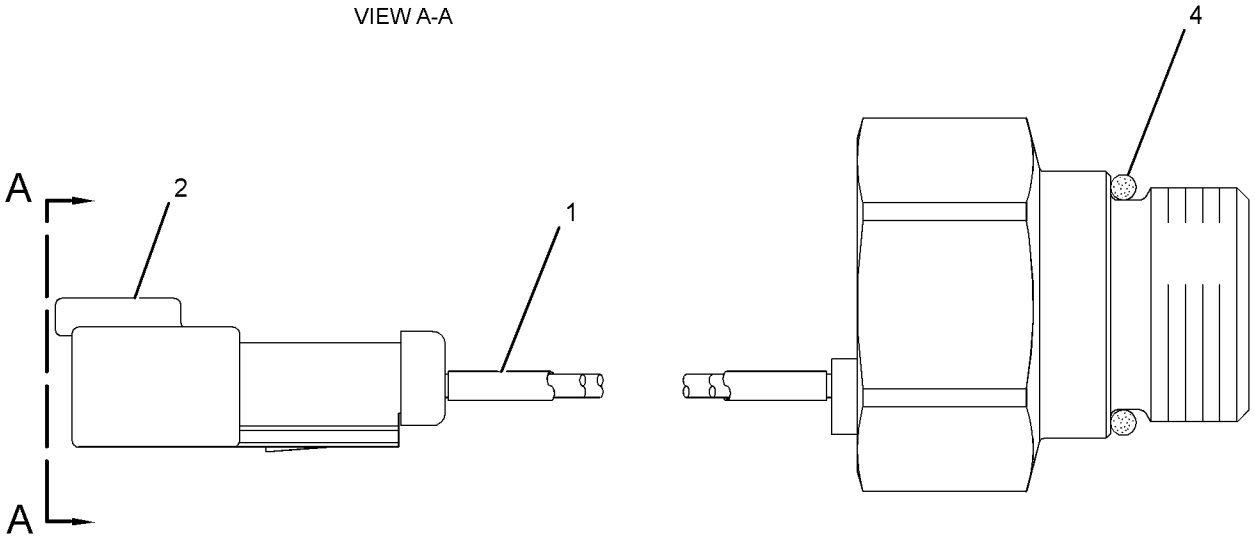
SMCS-1408, 1435 **i04182818**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
E	1	1	**9X-1813**		SLEEVE (19-CM)	
	2	1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	3	1	**8T-8729**	2	PIN-CONNECTOR (16-GA TO 18-GA)	
	4	1	**3D-2824**	1	SEAL-O-RING	

E - ORDER BY THE CENTIMETER



VIEW A-A



GRAPHIC #1 <END> g02157795

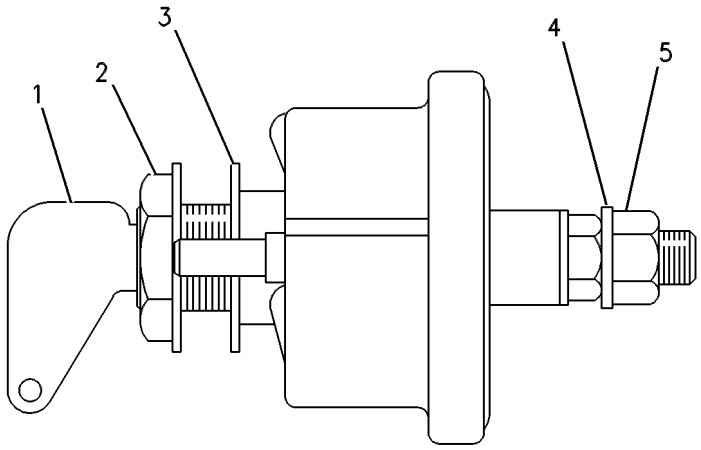
7N-0719 SWITCH GP-DISCONNECT–BATTERY

S/N: BTW1-UP

PART OF 194-4277 WIRING GP-SHUTOFF

SMCS-1411 **i02499147**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8H-5306**	1	KEY (BATTERY DISCONNECT)	
	2	1	**8H-5303**	1	NUT (3/4-16-THD)	
	3	1	**2H-3922**	2	LOCKWASHER	
	4	1	**9F-5644**	2	LOCKWASHER	
	5	1	**6F-7045**	2	NUT-FULL (3/8-24-THD)	



GRAPHIC #1 <END> g00117885

125-1302 SWITCH GP-MAGNETIC—ELECT START RELAY NO. 1, NO. 2

S/N: BTW1-UP

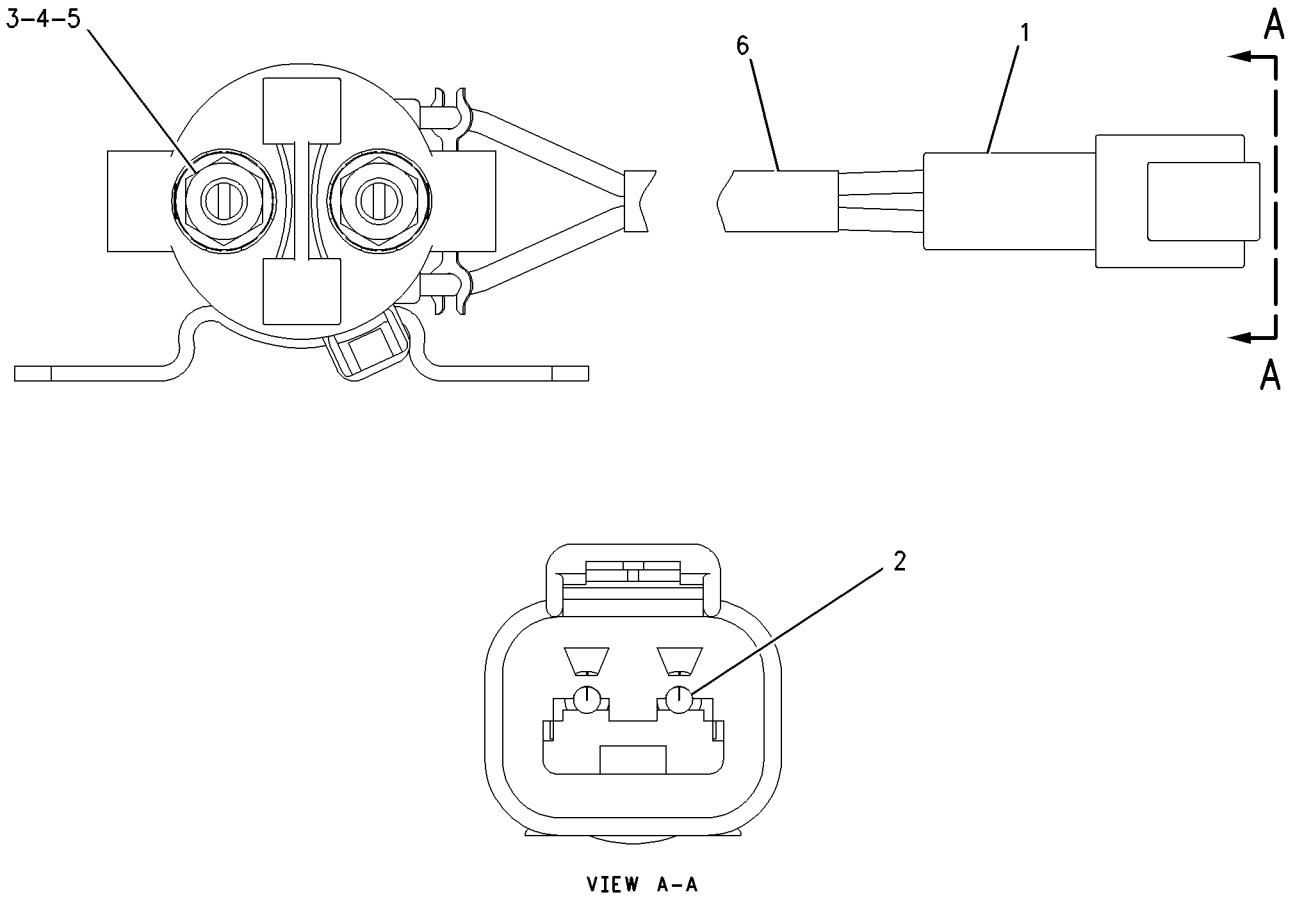
24-VOLT

PART OF 267-3063, 286-3211 WIRING GP-ELECTRONICS BAY

SMCS-7499 **i07161724**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	2	1	**186-3735**	2	PIN-CONNECTOR (16-GA TO 18-GA)	
	3	1	**1H-3338**	2	LOCKWASHER (EXTERNAL TOOTH)	
	4	1	**3B-4504**	2	LOCKWASHER	
M	5	1	**5C-2890**	2	NUT (M6X1-THD)	
E	6	1	**9X-1813**		SLEEVE (16-CM)	

E - ORDER BY THE CENTIMETER
M - METRIC PART



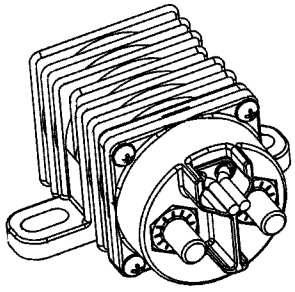
GRAPHIC #1 <END> g00988001

241-8368 SWITCH GP-MAGNETIC—MAIN RELAY

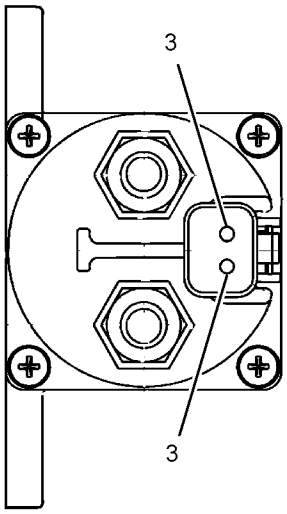
S/N: BTW1-UP
24-VOLT
PART OF 267-3063, 286-3211 WIRING GP-ELECTRONICS BAY

SMCS-7499 **i06752886**

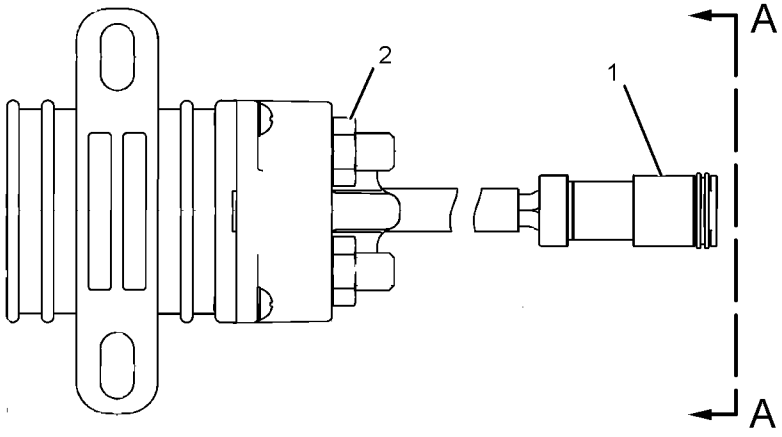
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**155-2270**	1	KIT-CONNECTING PLUG (2-PIN)	
					(INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
	2	1	**4F-2294**	2	NUT-JAM (5/16-24-THD)	
	3	1	**8T-8730**	2	SOCKET-CONNECTOR (16-GA TO 18-GA)	



ISOMETRIC VIEW



VIEW A-A



GRAPHIC #1 <END> g01077362

258-0883 SWITCH GP-PRESSURE

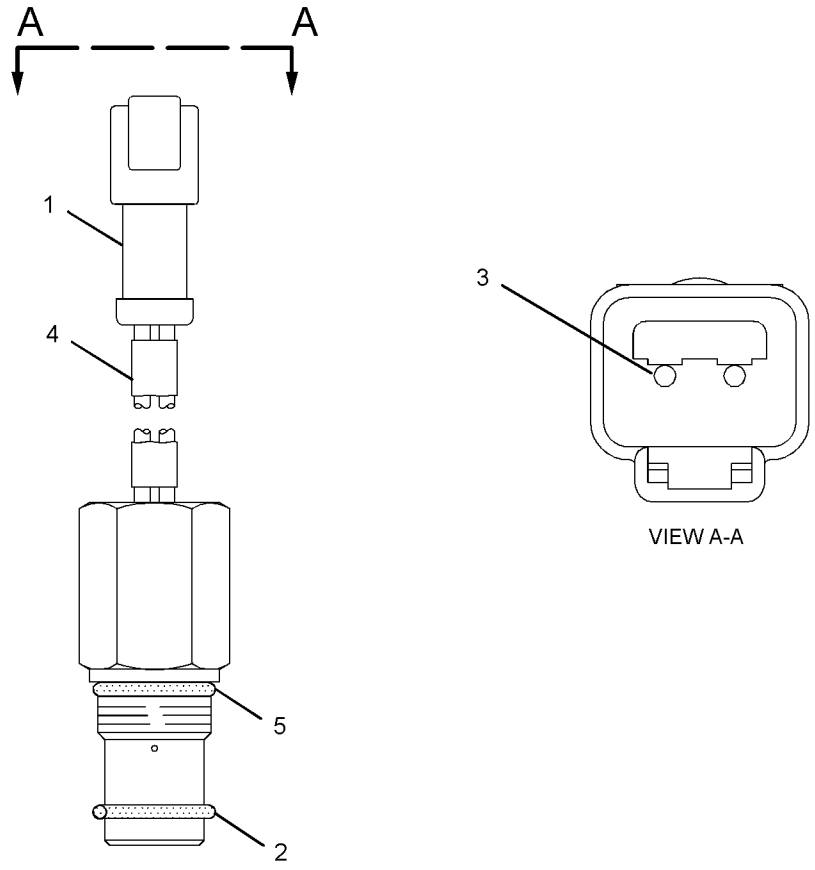
S/N: EHX1-UP

PART OF 217-5674 LINES GP-FUEL FILTER, 256-7941 MOUNTING GP-FUEL FILTER

SMCS-1435 **i06693702**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	2	1	**9X-7737**	1	SEAL-O-RING	
	3	1	**8T-8729**	2	PIN-CONNECTOR (16-GA TO 18-GA)	
E	4	1	**9X-1813**		SLEEVE (14-CM)	
	5	1	**6V-4589**	1	SEAL-O-RING	

E - ORDER BY THE CENTIMETER



GRAPHIC #1 <END> g01960393

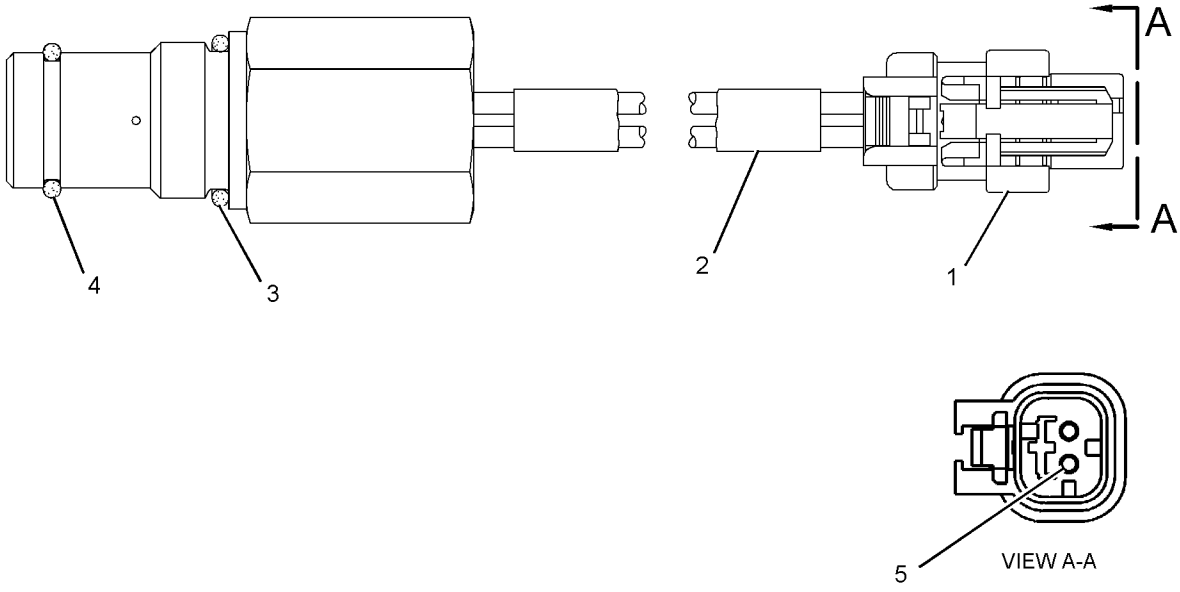
275-1253 SWITCH GP-PRESSURE

S/N: EHX2564-UP
5 TO 28-VOLT. AMPSEAL CONNECTOR
PART OF 256-7941 MOUNTING GP-FUEL FILTER

SMCS-1435 **i06616095**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**230-4011**	1	PLUG AS-CONNECTOR (2-PIN)	
			264-7029	1	SEAL-CONNECTOR	
E	2	1	**9X-1813**		SLEEVE (14-CM)	
	3	1	**6V-4589**	1	SEAL-O-RING	
	4	1	**9X-7737**	1	SEAL-O-RING	
	5	1	**144-1636**	2	PIN-CONNECTOR (14-GA TO 18-GA)	

E - ORDER BY THE CENTIMETER



GRAPHIC #1 <END> g01238534

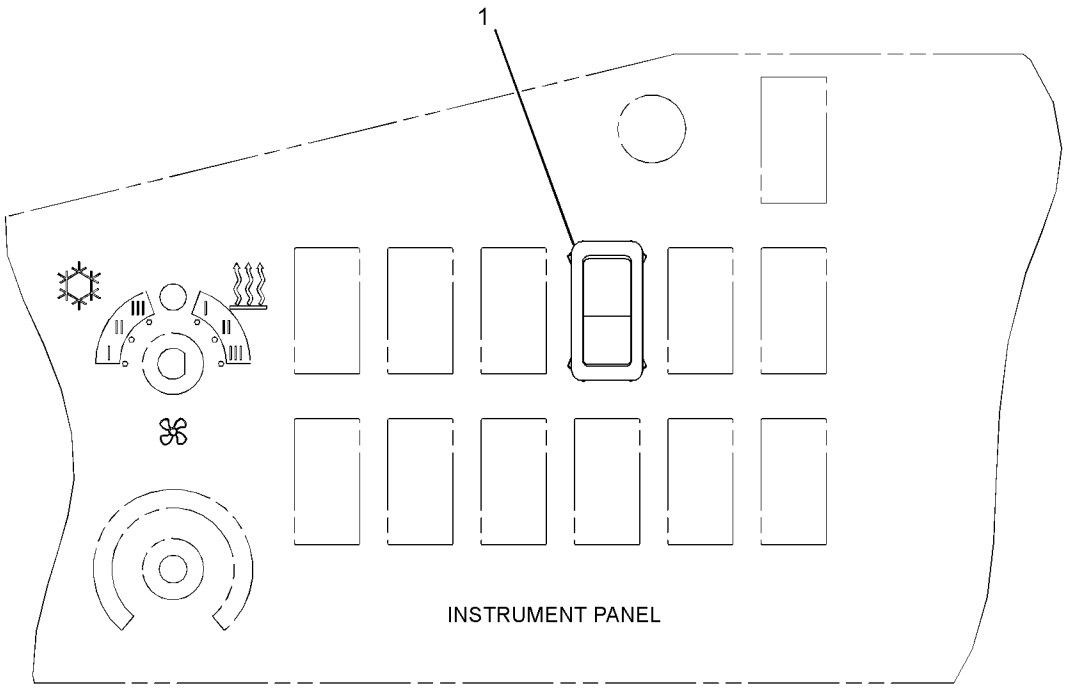
322-0333 SWITCH GP-ROCKER

S/N: BTW181-UP

PART OF 234-7870 LIGHTING AR-STOP & FLOOD

SMCS-7332 **i02908931**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**223-8975**	1	SWITCH AS-ROCKER (24-VOLT) (FLOODLIGHTS)	



LEFT SIDE VIEW

GRAPHIC #1 <END> g01449794

165-5970 SWITCH GP-TOGGLE—FUEL PRIMING PUMP ON, OFF

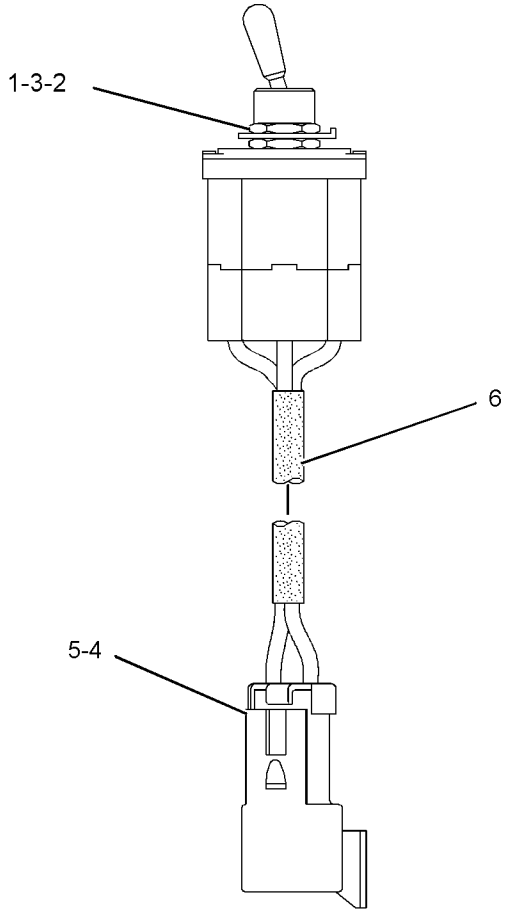
S/N: BTW1-UP

PART OF 268-4017 WIRING GP-SHUTOFF

SMCS-7332 **i05829570**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6T-3631**	2	NUT-HEX (15/32-32-THD)	
	2	1	**6T-3632**	1	LOCKWASHER	
	3	1	**6T-3633**	1	RING-LOCKING	
	4	1	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	5	1	**8T-8729**	3	PIN-CONNECTOR (16-GA TO 18-GA)	
E	6	1	**112-4550**		SLEEVE (15-CM)	

E - ORDER BY THE CENTIMETER



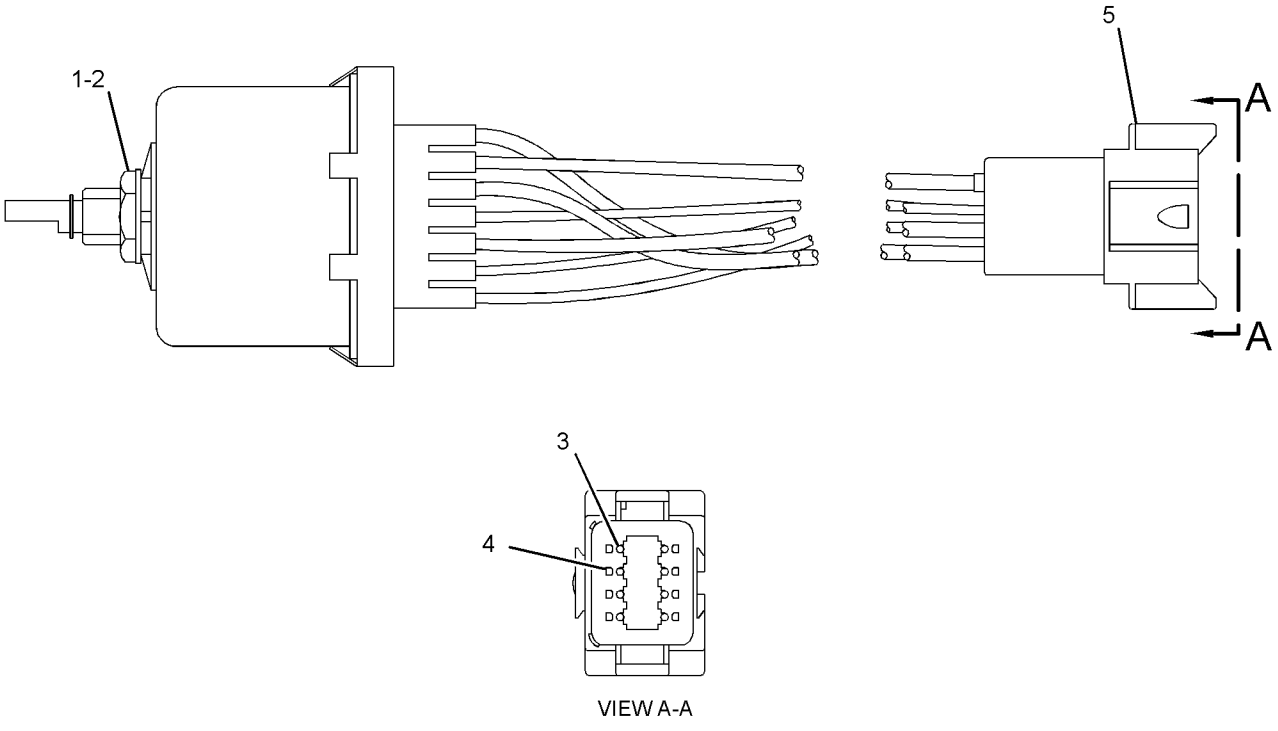
GRAPHIC #1 <END> g03688641

275-7741 SWITCH GP-WIPER—CAB

S/N: BTW1-UP
24-VOLT, INTERMITTENT
PART OF 275-7764 SWITCH GP-WIPER

SMCS-7332 **i05772888**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6V-8369**	1	NUT (7/16-28-THD)	
	2	1	**2H-3920**	1	LOCKWASHER	
	3	1	**8T-8737**	2	PLUG-SEAL	
	4	1	**8T-8729**	6	PIN-CONNECTOR (16-GA TO 18-GA)	
	5	1	**102-8806**	1	KIT-RECEPTACLE (8-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	



GRAPHIC #1 <END> g01445891

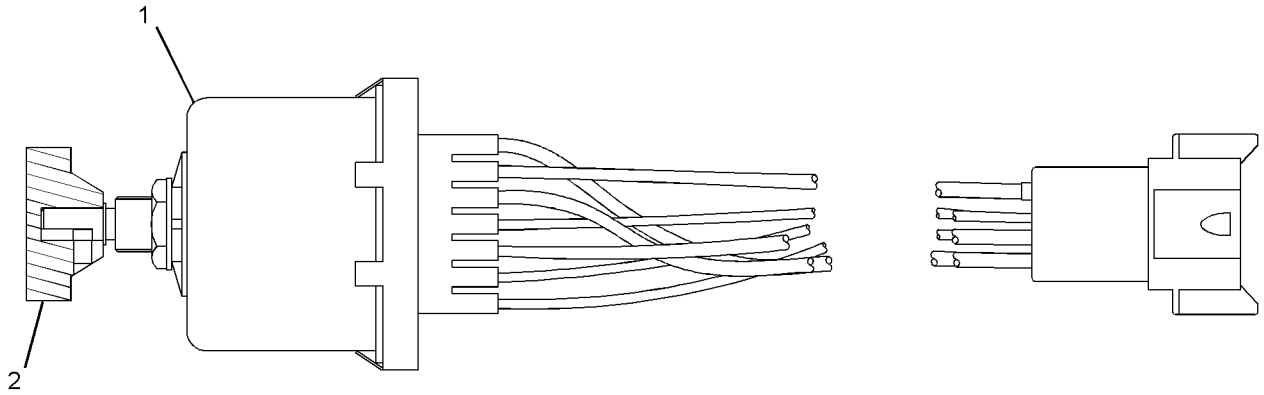
275-7764 SWITCH GP-WIPER

S/N: BTW1-UP
24-VOLT. INTERMITTENT
PART OF 236-5464 WIRING GP-CAB

SMCS-7332 **i02980144**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**275-7741**	1	SWITCH GP-WIPER (24-VOLT)	538
	2	1	**7T-9302**	1	KNOB AS-WIPER SWITCH (WIPER, WASHER)	
		1	**014-0816**	1	SETSCREW (8-32X0.5-IN)	

Y - SEPARATE ILLUSTRATION



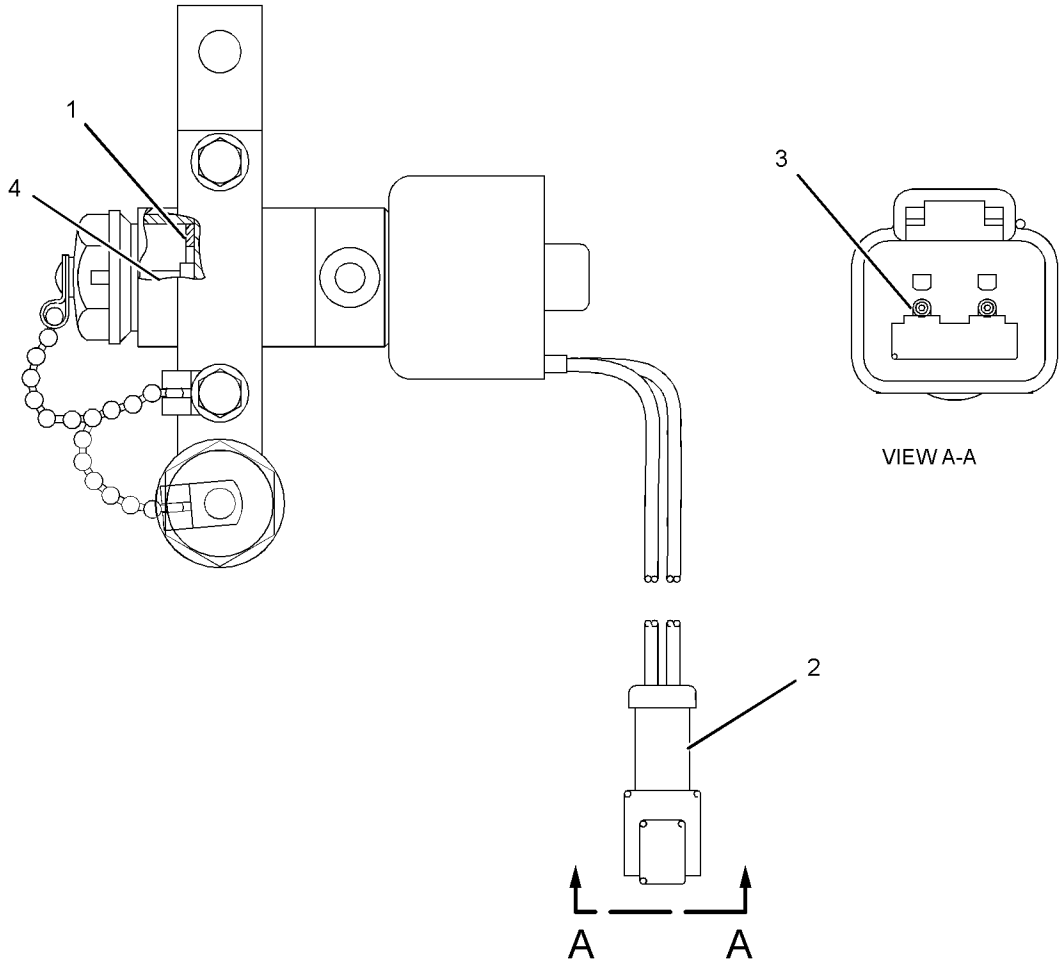
GRAPHIC #1 <END> g01516002

239-1134 VALVE GP-ETHER STARTING

S/N: BTW1-UP
24-VOLT, CONTINUOUS
PART OF 254-9079 VALVE GP-ETHER STARTING

SMCS-1456 **i03894416**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7N-9801**	1	GASKET	
	2	1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	3	1	**8T-8729**	2	PIN-CONNECTOR (16-GA TO 18-GA)	
	4	1	**358-4889**	1	FILTER (ETHER START)	



GRAPHIC #1 <END> g02138138

254-9079 VALVE GP-ETHER STARTING

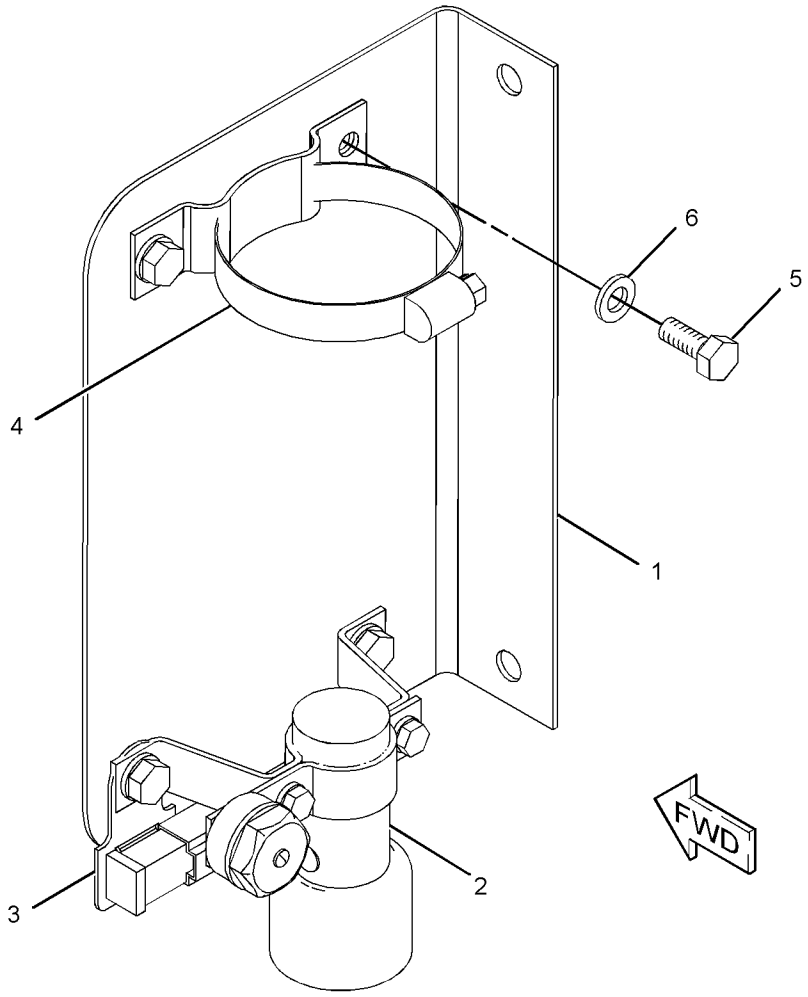
S/N: BTW1-UP

PART OF 236-1401 STARTING AID GP-ETHER

SMCS-1456 **i02424166**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**194-8725**	1	BRACKET AS	
M		1	**8T-3612**	4	NUT-WELD (M8X1.25-THD)	
Y	2	1	**239-1134**	1	VALVE GP-ETHER STARTING (24-VOLT)	540
	3	1	**130-5300**	1	CLIP	
	4	1	**7N-2059**	1	CLAMP AS	
M	5	1	**8T-4189**	4	BOLT (M8X1.25X20-MM)	
	6	1	**8T-4224**	4	WASHER-HARD (8.8X16X2-MM THK)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g01213421

234-7885 WARNING GP-BACKUP

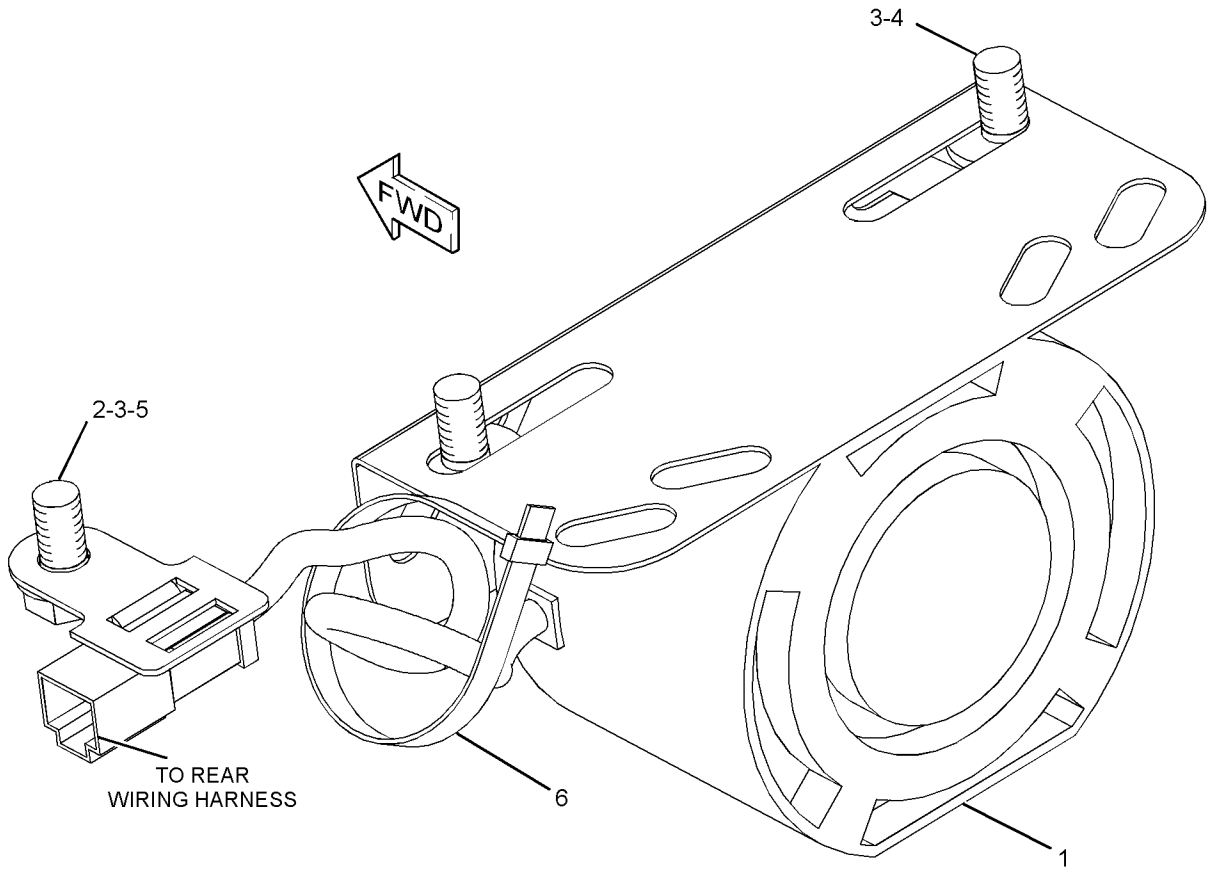
S/N: BTW1-UP

PART OF 230-3276 ELECTRICAL AR

SMCS-7406 **i02426131**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**213-9100**	1	ALARM AS (BACKUP)	
		1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACTLE & WEDGE)	
		1	**186-3735**	2	PIN-CONNECTOR (16-GA TO 18-GA)	
	2	1	**130-5300**	1	CLIP	
M	3	1	**8T-4137**	3	BOLT (M10X1.5X20-MM)	
	4	1	**7X-0772**	2	WASHER-HARD (10.2X25.5X2.5-MM THK)	
	5	1	**8T-4121**	1	WASHER-HARD (11X21X2.5-MM THK)	
	6	1	**9X-6772**	1	STRAP-CABLE	

M - METRIC PART



GRAPHIC #1 <END> g01213119

361-1450 WIRING GP-BUMPER

S/N: BTW215-UP

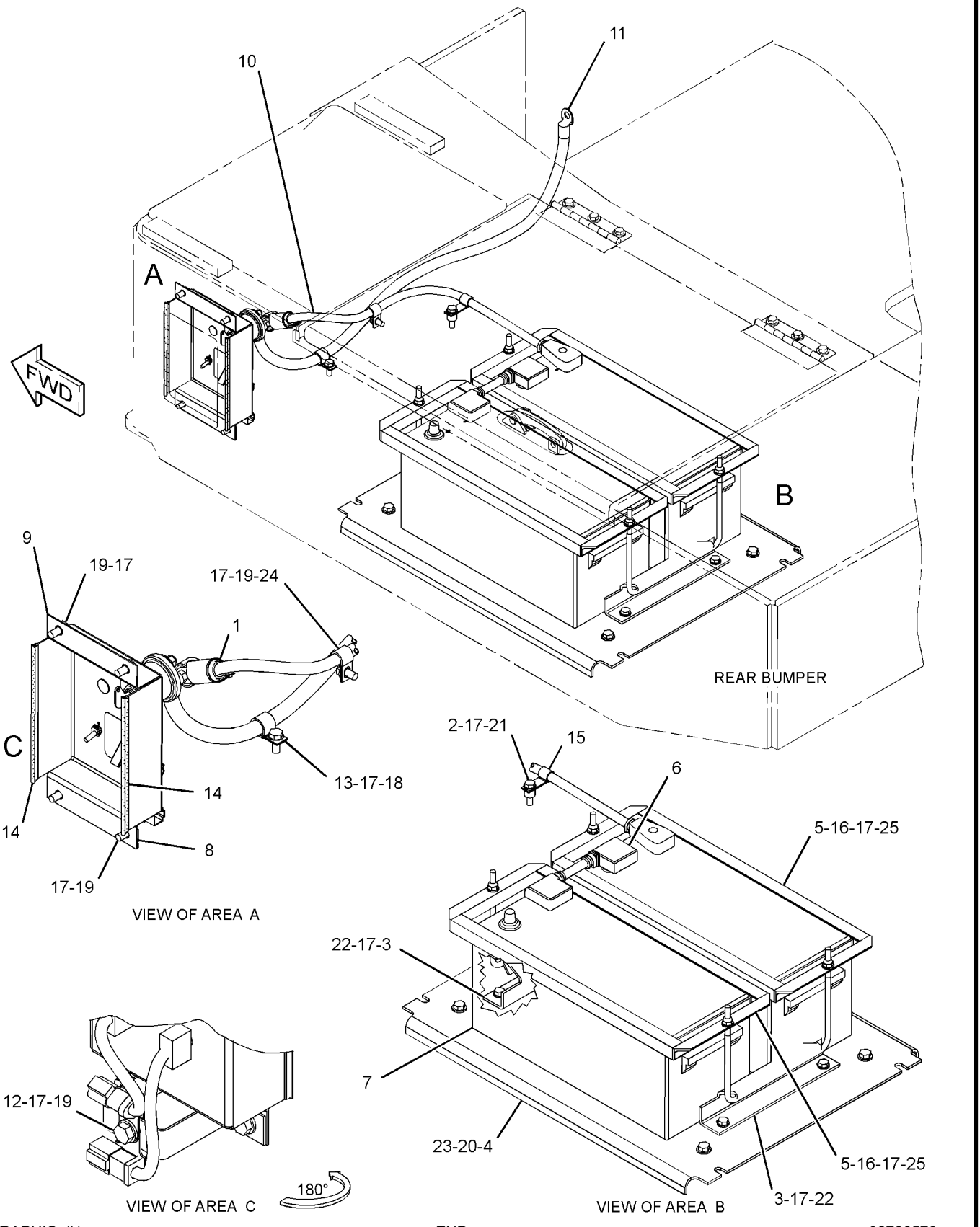
PART OF 360-9826 BUMPER AR-REAR

SMCS-1408 **i04551595**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3S-2093**	1	STRAP-CABLE	
	2	1	**7W-8106**	1	SPACER (11.13X19.05X15-MM THK)	
	3	1	**9U-1400**	2	BRACKET	
	4	1	**9U-1401**	1	PLATE AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	5	1	**9U-1598**	2	FRAME AS (BATTERY HOLD-DOWN)	
	6	1	**118-1277**	1	CABLE AS-BATTERY	
E		1	**159-8049**		CABLE (00-GA, RED) (20-CM)	
	7	1	**153-5710**	2	BATTERY GP (12-VOLT, MAINTENANCE FREE, WET)	
	8	1	**183-6823**	1	BRACKET AS	
Y	9	1	*194-4277*	1	WIRING GP-SHUTOFF	653
	10	1	**268-0212**	1	CABLE AS	
		1	**1S-7252**	1	TERMINAL-CABLE (00-GA, 3/8-IN SCREW)	
		1	**6T-0465**	1	COVER-TERMINAL (BLACK)	
		1	**7N-5274**	1	COVER AS-TERMINAL (BLACK)	
		1	**8L-8413**	1	STRAP-CABLE (WHITE)	
		1	*9W-3459*	1	TERMINAL AS-BATTERY (NEGATIVE)	
		1	**1M-6119**	1	BOLT (5/16-18X1.375-IN)	
		1	**1M-6120**	1	NUT (5/16-18-THD)	
		1	**3S-6050**	1	TERMINAL AS-BATTERY (NEGATIVE)	
		1	**1M-6119**	1	BOLT (5/16-18X1.375-IN)	
		1	**1M-6120**	1	NUT (5/16-18-THD)	
E		1	**159-8050**		CABLE (00-GA, BLACK) (76-CM)	
	11	1	**268-0214**	1	CABLE AS	
		1	**3L-7634**	1	TERMINAL-RING (0000-GA, 1/2-IN SCREW)	
		1	**031-9295**	1	TERMINAL-RING (0000-GA, 3/8-IN SCREW)	
E		1	**159-8054**		CABLE-ELECTRICAL (0000-GA, BLACK) (118-CM)	
	12	1	**130-5300**	2	CLIP	
	13	1	**1S-0994**	1	CLIP (LOOP)	
D	14	1	**5P-1869**		SEAL (1-M)	
	15	1	**6K-8178**	1	CLIP	
M	16	1	**8T-0389**	4	LOCKNUT (M10X1.5-THD)	
	17	1	**8T-4121**	16	WASHER-HARD (11X21X2.5-MM THK)	
M	18	1	**8T-4136**	1	BOLT (M10X1.5X25-MM)	
M	19	1	**8T-4137**	6	BOLT (M10X1.5X20-MM)	
M	20	1	**8T-4139**	4	BOLT (M12X1.75X30-MM)	
M	21	1	**8T-4186**	1	BOLT (M10X1.5X40-MM)	
M	22	1	**8T-4195**	4	BOLT (M10X1.5X30-MM)	
	23	1	**8T-4223**	4	WASHER-HARD (13.5X25.5X3-MM THK)	
	24	1	**9M-8406**	1	CLIP (LOOP)	
	25	1	**9U-1399**	2	ROD	

D - ORDER BY THE METER
E - ORDER BY THE CENTIMETER
M - METRIC PART
Y - SEPARATE ILLUSTRATION

361-1450 **WIRING GP-BUMPER (**contd.**)** **i04551595**



GRAPHIC #1 <END> g02726576

236-5464 WIRING GP-CAB

S/N: BTW1-UP

PART OF 234-5964 CAB AR

SMCS-1408, 7301 **i04086610**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	5	**2P-4339**	2	NUT-JAM (7/16-28-THD)	
	2	5	**2V-0099**	3	KNOB-CONTROL	
	3	5	**3E-0109**	5	PLUG (ROCKER SWITCH)	
	4	3	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	6	3	**3E-5239**	1	RELAY AS (24-VOLT) (HORN)	
	7	5	**3E-5275**	1	SWITCH AS-ROTARY (WIPER, WASHER) (QUARTER WINDOW)	
		5	**6V-8369**	1	NUT (7/16-28-THD)	
		5	**7T-9302**	1	KNOB AS-WIPER SWITCH (WIPER, WASHER)	
		5	**8T-8730**	8	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		5	**014-0816**	1	SETSCREW (8-32X0.5-IN)	
		5	**2H-3920**	1	LOCKWASHER	
		5	**155-2265**	2	KIT-CONNECTING PLUG (8-PIN)	
					(EACH INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
Y	8	4	**3E-6328**	1	ALARM GP (24-VOLT) (ACTION)	332
Y	9	2	**3E-6389**	1	LAMP GP-DOME (24-VOLT)	408
M	10	4	**3E-6924**	2	SCREW-TRUSS HEAD (M6X1X50-MM)	
	11	1,2,4,5	**3S-2093**	27	STRAP-CABLE	
	12	5	**4E-9055**	1	GASKET	
M	13	4	**5C-2890**	1	NUT (M6X1-THD)	
	14	5	**6P-3236**	1	SWITCH AS-ROTARY (FAN SPEED)	
		5	**6V-8362**	5	SCREW-MACHINE (8-32X0.31-IN)	
		5	**9B-7233**	5	LOCKWASHER	
	15	1,2,3,5	**7K-1181**	18	STRAP-CABLE	
	17	2	**8X-5802**	1	STRAP AS-GROUND	
	18	2	**8Y-6335**	1	LAMP-INTERIOR (24-VOLT)	
	19	5	**9U-4989**	2	PLATE	
	20	5	**9U-4990**	2	GASKET	
	21	2	**9X-4494**	1	LAMP (24-VOLT)	
Y	22	4	**103-5526**	1	CONTROL GP-MONITOR (BACKLIGHT DIMMER)	1240
	23	4	**106-4454**	1	PLATE	
	24	4,5	**110-2079**	10	LAMP (24-VOLT)	
	25	5	**110-7885**	1	KNOB AS-WIPER SWITCH	
		5	**014-0816**	1	SETSCREW (8-32X0.5-IN)	
	26	5	**112-6174**	1	SWITCH GP-ROTARY (WIPER, WASHER) (REAR)	
		5	**8T-8729**	6	PIN-CONNECTOR (16-GA TO 18-GA)	
		5	**2H-3920**	1	LOCKWASHER	
		5	**6V-8369**	1	NUT (7/16-28-THD)	
		5	**8T-8737**	2	PLUG-SEAL	
		5	**102-8806**	1	KIT-RECEPTACLE (8-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	27	5	**117-2311**	1	SOCKET-AUXILIARY POWER (12-VOLT)	
	28	5	**123-6383**	1	SWITCH AS-ROTARY (24-VOLT, 4-POSITION) (REDUCED RIMPULL SELECT)	
		5	**8T-8737**	1	PLUG-SEAL	
		5	**9W-0852**	5	PIN-CONNECTOR (14-GA TO 16-GA)	
		5	**102-8805**	1	KIT-RECEPTACLE (6-PIN)	

236-5464 **WIRING GP-CAB (**contd.**)** **i04086610**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
					(INCLUDES RECEPTACLE AS & WEDGE)	
	29	5	**128-6157**	1	PLATE	
Y	30	2	**152-8340**	1	VALVE GP-SOLENOID (24-VOLT) (HYDRAULIC LOCKOUT)	1113
	31	4	**163-1876**	3	LAMP-LED (24-VOLT, RED)	
	32	4	**163-1878**	5	LAMP-LED (24-VOLT, YELLOW)	
Y	33	4	**166-6928**	1	MODULE GP-QUAD GAUGE	1295
	34	3	**170-1821**	1	SWITCH AS-PUSH BUTTON (HORN)	
		3	**8T-8729**	2	PIN-CONNECTOR (16-GA TO 18-GA)	
		3	**6F-0253**	1	LOCKWASHER	
		3	**172-3511**	1	NUT (5/8-24-THD)	
	35	5	**174-7580**	1	SWITCH GP-KEY (START)	
		5	**8T-8729**	4	PIN-CONNECTOR (16-GA TO 18-GA)	
		5	**7T-6799**	1	NUT-MOUNTING (1-32-THD)	
		5	**102-8804**	1	KIT-RECEPTACLE (4-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	36	1,3	**177-2215**	4	STRAP-DUAL CLAMP	
	37	5	**180-9900**	1	CAP AS	
		5	**5P-7958**	1	SLEEVE-CABLE SPLICE	
		5	**8C-6354**	1	CAP-RECEPTACLE (ET CONNECTOR)	
		5	**179-9392**	1	LANYARD	
	38	5	**188-0556**	1	COVER	
	39	3	**188-3983**	1	SWITCH AS-PUSH BUTTON (THROTTLE LOCK RESUME)	
		3	**3K-0835**	1	NUT (5/8-24-THD)	
		3	**6F-0253**	1	LOCKWASHER	
		3	**155-2260**	1	KIT-CONNECTING PLUG (3-PIN)	
					(INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
		3	**8T-8730**	3	SOCKET-CONNECTOR (16-GA TO 18-GA)	
	40	3	**188-3984**	1	SWITCH AS-PUSH BUTTON (THROTTLE LOCK SET)	
		3	**3K-0835**	1	NUT (5/8-24-THD)	
		3	**6F-0253**	1	LOCKWASHER	
		3	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		3	**8T-8729**	3	PIN-CONNECTOR (16-GA TO 18-GA)	
Y	41	4	**190-3730**	1	MODULE GP-SPEEDOMETER & TACH	1296
	42	5	**198-6570**	1	LIGHTER GP (12-VOLT) (CIGAR)	
		5	**198-6571**	1	ELEMENT AS-HEATER (12-VOLT) (CIGAR LIGHTER)	
	43	1	**204-2281**	3	STRAP-CABLE	
	44	1	**204-8000**	3	MOUNTING-CABLE TIE	
	45	3	**209-0381**	1	CONVERTER-POWER (24-VOLT TO 12-VOLT)	
	46	3	**218-4935**	1	SUPPRESSOR-ARC	
	47	3	**219-9533**	1	SWITCH AS-ROCKER (24-VOLT) (HYDRAULIC LOCKOUT)	
	48	5	**220-8358**	1	SWITCH AS-ROCKER (24-VOLT) (OPERATOR MODE SELECT)	
	49	5	**223-8969**	1	SWITCH AS-ROCKER (TORQUE CONVERTER LOCKUP CLUTCH)	
	50	5	**223-8970**	1	SWITCH AS-ROCKER (QUICKSHIFT)	
	51	5	**223-8971**	1	SWITCH AS-ROCKER (24-VOLT) (STAIRWAY ACCESS LIGHT)	
	52	5	**223-8973**	1	SWITCH AS-ROCKER (RUNNING LIGHTS)	
	53	5	**223-8982**	1	SWITCH AS-ROCKER (24-VOLT) (THROTTLE LOCK ENABLE)	
	54	2	**238-9127**	1	HARNESS AS-WINDOW WIPER (WASHER)	
		2	**155-2271**	1	KIT-CONNECTING PLUG (4-PIN)	

236-5464 **WIRING GP-CAB (**contd.**)** **i04086610**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
					(INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
		2	**8T-8730**	4	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		2	**5P-4571**	8	TERMINAL-BLADE (14-GA TO 16-GA)	
		2	**9X-0196**	4	TERMINAL AS (16-GA)	
	55	2	**238-9128**	1	HARNESS AS-WINDOW WIPER (QUARTER WINDOW)	
		2	**155-2255**	1	KIT-CONNECTING PLUG (12-PIN)	
		2	**155-2270**	1	KIT-CONNECTING PLUG (2-PIN)	
		2	**155-2274**	2	KIT-CONNECTING PLUG (6-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
		2	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		2	**8T-8737**	6	PLUG-SEAL	
		2	**8T-8730**	19	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		2	**9W-0844**	3	SOCKET-CONNECTOR (14-GA TO 16-GA)	
E		2	**119-3662**		TUBE-HEAT SHRINK (10.85-MM DIA) (7-CM)	
E		2	**125-7875**		TUBE-HEAT SHRINK (7.44-MM DIA) (5-CM)	
	56	1	**238-9129**	1	HARNESS AS-CAB (REAR, INSIDE)	
E		1	**5P-0767**		HOSE (77-CM)	
		1	**155-2255**	1	KIT-CONNECTING PLUG (12-PIN)	
		1	**155-2270**	1	KIT-CONNECTING PLUG (2-PIN)	
		1	**155-2271**	1	KIT-CONNECTING PLUG (4-PIN)	
		1	**155-2265**	1	KIT-CONNECTING PLUG (8-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
		1	**102-8801**	1	KIT-RECEPTACLE (12-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	**8T-8729**	31	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	**9W-0852**	4	PIN-CONNECTOR (14-GA TO 16-GA)	
		1	**8T-8737**	19	PLUG-SEAL	
		1	**9X-1314**	1	PROBE AS-PIN (RED)	
E		1	**114-8843**		SLEEVE-PLASTIC (40-CM)	
E		1	**114-8844**		SLEEVE-PLASTIC (60-CM)	
		1	**8T-8730**	21	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		1	**9W-0844**	3	SOCKET-CONNECTOR (14-GA TO 16-GA)	
D		1	**6V-2722**		TUBE-HEAT SHRINK (25.4-MM DIA) (0.1-M)	
E		1	**119-3662**		TUBE-HEAT SHRINK (10.85-MM DIA) (7-CM)	
E		1	**125-7874**		TUBE-HEAT SHRINK (5.72-MM DIA) (10-CM)	
	57	2	**238-9130**	1	HARNESS AS-PANEL (FRONT)	
		2	**274-3779**	1	CAP-SEAL	
		2	**155-2255**	1	KIT-CONNECTING PLUG (12-PIN)	
		2	**155-2270**	1	KIT-CONNECTING PLUG (2-PIN)	
		2	**155-2274**	5	KIT-CONNECTING PLUG (6-PIN)	
		2	**155-2260**	2	KIT-CONNECTING PLUG (3-PIN)	
		2	**155-2271**	1	KIT-CONNECTING PLUG (4-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
		2	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
		2	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
		2	**102-8804**	1	KIT-RECEPTACLE (4-PIN)	
		2	**102-8805**	1	KIT-RECEPTACLE (6-PIN)	
		2	**102-8801**	1	KIT-RECEPTACLE (12-PIN)	

236-5464 **WIRING GP-CAB (**contd.**)** **i04086610**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)	
		2	**8T-8729**	60	PIN-CONNECTOR (16-GA TO 18-GA)	
		2	**8T-8737**	38	PLUG-SEAL	
		2	**8T-9834**	1	PLUG AS-CONNECTOR (40-PIN)	
		2	**3E-4367**	1	RING-RETAINING	
M		2	**3E-8557**	1	BOLT (M5X0.8X39.37-MM)	
		2	**9X-3132**	2	SEAL-CONNECTOR (40-PIN)	
		2	**9X-1343**	1	RECEPTACLE AS-CONNECTOR (40-PIN)	
		2	**8T-8730**	63	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		2	**113-5183**	12	SOCKET-LAMP	
		2	**113-5184**	24	TERMINAL-RECEPTACLE (16-GA TO 18-GA)	
E		2	**119-3662**		TUBE-HEAT SHRINK (10.85-MM DIA) (7-CM)	
E		2	**125-7874**		TUBE-HEAT SHRINK (5.72-MM DIA) (50-CM)	
E		2	**125-7875**		TUBE-HEAT SHRINK (7.44-MM DIA) (25-CM)	
	58	2	**238-9131**	1	HARNESS AS-PANEL (SIDE)	
		2	**155-2255**	2	KIT-CONNECTING PLUG (12-PIN)	
		2	**155-2271**	1	KIT-CONNECTING PLUG (4-PIN)	
		2	**155-2274**	1	KIT-CONNECTING PLUG (6-PIN)	
		2	**155-2265**	2	KIT-CONNECTING PLUG (8-PIN)	
		2	**155-2260**	3	KIT-CONNECTING PLUG (3-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
		2	**102-8803**	2	KIT-RECEPTACLE (3-PIN)	
		2	**102-8806**	1	KIT-RECEPTACLE (8-PIN)	
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)	
		2	**8T-8729**	48	PIN-CONNECTOR (16-GA TO 18-GA)	
		2	**9W-0852**	29	PIN-CONNECTOR (14-GA TO 16-GA)	
		2	**3E-7996**	12	PLUG-CONNECTOR (6-PIN)	
		2	**8T-8737**	33	PLUG-SEAL	
		2	**9W-1951**	1	RECEPTACLE-CONNECTOR (9-PIN)	
		2	**9X-1343**	1	RECEPTACLE AS-CONNECTOR (40-PIN)	
		2	**9X-7148**	1	RECEPTACLE AS-CONNECTOR (40-PIN)	
		2	**8T-8730**	52	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		2	**9W-0844**	6	SOCKET-CONNECTOR (14-GA TO 16-GA)	
		2	**113-5183**	7	SOCKET-LAMP	
		2	**3E-7790**	22	TERMINAL-BLADE (18-GA TO 20-GA)	
		2	**3E-7999**	1	TERMINAL-BLADE (10-GA)	
		2	**5P-4571**	4	TERMINAL-BLADE (14-GA TO 16-GA)	
		2	**065-5071**	45	TERMINAL-BLADE (14-GA TO 16-GA)	
		2	**113-5184**	14	TERMINAL-RECEPTACLE (16-GA TO 18-GA)	
		2	**5P-1475**	5	TERMINAL-FORK (14-GA TO 16-GA, NO. 8 SCREW)	
E		2	**119-3662**		TUBE-HEAT SHRINK (10.85-MM DIA) (39-CM)	
E		2	**125-7875**		TUBE-HEAT SHRINK (7.44-MM DIA) (25-CM)	
		2	**9X-0196**	2	TERMINAL AS (16-GA)	
	59	2	**238-9133**	1	HARNESS AS-CAB (UPPER)	
		2	**155-2265**	1	KIT-CONNECTING PLUG (8-PIN)	
		2	**155-2260**	1	KIT-CONNECTING PLUG (3-PIN)	
		2	**155-2274**	2	KIT-CONNECTING PLUG (6-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
		2	**102-8801**	1	KIT-RECEPTACLE (12-PIN)	

236-5464 **WIRING GP-CAB (**contd.**)** **i04086610**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
					(INCLUDES RECEPTACLE AS & WEDGE)	
		2	**8T-8729**	7	PIN-CONNECTOR (16-GA TO 18-GA)	
		2	**9W-0852**	3	PIN-CONNECTOR (14-GA TO 16-GA)	
		2	**8T-8737**	4	PLUG-SEAL	
		2	**8T-8730**	16	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		2	**9W-0844**	5	SOCKET-CONNECTOR (14-GA TO 16-GA)	
		2	*130-6788*	3	TERMINAL AS-BLADE	
					(EACH INCLUDES)	
		2	**5P-4571**	1	TERMINAL-BLADE (14-GA TO 16-GA)	
					—OR—	
		2	**5P-5618**	1	TERMINAL-BLADE (10-GA TO 12-GA)	
		2	*130-6789*	5	TERMINAL AS-BLADE	
					(EACH INCLUDES)	
		2	**5P-4571**	1	TERMINAL-BLADE (14-GA TO 16-GA)	
					—OR—	
		2	**7N-7221**	1	TERMINAL-BLADE (18-GA TO 22-GA)	
D		2	**6V-2689**		TUBE-HEAT SHRINK (6.35-MM DIA) (0.1-M)	
		2	*130-6790*	2	TERMINAL AS-BLADE	
					(EACH INCLUDES)	
		2	**097-7234**	1	TERMINAL-BLADE (18-GA TO 22-GA)	
D		2	**6V-2689**		TUBE-HEAT SHRINK (6.35-MM DIA) (0.1-M)	
E		2	**6V-9023**		TUBE-HEAT SHRINK (12.7-MM DIA) (4-CM)	
E		2	**119-3662**		TUBE-HEAT SHRINK (10.85-MM DIA) (7-CM)	
E		2	**125-7874**		TUBE-HEAT SHRINK (5.72-MM DIA) (10-CM)	
	60	3	**241-4854**	1	SWITCH AS-ROCKER (SINGLE TO DUAL TILT FUNCTION)	
	61	3	**242-0679**	1	HARNESS AS-CAB (IMPLEMENT SUPPORT)	
E		3	**5P-0767**		HOSE (114-CM)	
		3	**155-2255**	1	KIT-CONNECTING PLUG (12-PIN)	
		3	**155-2260**	1	KIT-CONNECTING PLUG (3-PIN)	
		3	**155-2270**	5	KIT-CONNECTING PLUG (2-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
		3	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
		3	**102-8801**	1	KIT-RECEPTACLE (12-PIN)	
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)	
		3	**8T-8729**	9	PIN-CONNECTOR (16-GA TO 18-GA)	
		3	**3E-7996**	2	PLUG-CONNECTOR (6-PIN)	
		3	**8T-8737**	14	PLUG-SEAL	
		3	**3E-5519**	1	PLUG AS-CONNECTOR (5-PIN)	
E		3	**114-8843**		SLEEVE-PLASTIC (160-CM)	
E		3	**114-8844**		SLEEVE-PLASTIC (40-CM)	
		3	**8T-8730**	17	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		3	**3E-7790**	8	TERMINAL-BLADE (18-GA TO 20-GA)	
		3	**100-5041**	5	TERMINAL-RECEPTACLE (18-GA TO 20-GA)	
E		3	**125-7874**		TUBE-HEAT SHRINK (5.72-MM DIA) (15-CM)	
E		3	**125-7875**		TUBE-HEAT SHRINK (7.44-MM DIA) (10-CM)	
R	62	4	**252-4501**	1	CONTROL GP-UNPRGMED MONITOR (CATERPILLAR MONITORING SYSTEM)	
J	63	5	**291-2165**	1	POTENTIOMETER AS (TEMPERATURE CONTROL)	
		5	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		5	**8T-8729**	1	PIN-CONNECTOR (16-GA TO 18-GA)	

236-5464 **WIRING GP-CAB (**contd.**)** **i04086610**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		5	**236-8722**	1	WASHER (10.5X22.2X1.6-MM THK)	
	64	2	**305-0598**	1	HARNESS AS-CAB (LOWER)	
		2	**155-2255**	2	KIT-CONNECTING PLUG (12-PIN)	
		2	**155-2265**	1	KIT-CONNECTING PLUG (8-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
		2	**102-8804**	2	KIT-RECEPTACLE (4-PIN)	
		2	**102-8805**	1	KIT-RECEPTACLE (6-PIN)	
		2	**102-8806**	1	KIT-RECEPTACLE (8-PIN)	
		2	**102-8801**	1	KIT-RECEPTACLE (12-PIN)	
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)	
		2	**8T-8729**	88	PIN-CONNECTOR (16-GA TO 18-GA)	
		2	**9W-0852**	30	PIN-CONNECTOR (14-GA TO 16-GA)	
		2	**8T-8737**	84	PLUG-SEAL	
		2	**9G-3695**	14	PLUG-SEAL	
		2	**9X-0141**	3	PLUG AS-CONNECTOR (40-PIN)	
					(EACH INCLUDES)	
		2	**3E-4367**	1	RING-RETAINING	
M		2	**3E-8557**	1	BOLT (M5X0.8X39.37-MM)	
		2	**9X-3490**	2	SEAL-CONNECTOR (40-PIN)	
		2	**9X-7147**	1	PLUG AS-CONNECTOR (40-PIN)	
		2	**3E-4367**	1	RING-RETAINING	
M		2	**3E-8557**	1	BOLT (M5X0.8X39.37-MM)	
		2	**9X-3490**	2	SEAL-CONNECTOR (40-PIN)	
		2	**113-0580**	1	RECEPTACLE AS-CONNECTOR (40-PIN)	
		2	**106-4155**	1	KIT-RETAINING BOLT	
					(INCLUDES BOLT, RING & SEALS)	
		2	**113-0581**	1	RECEPTACLE AS-CONNECTOR (40-PIN)	
		2	**106-4155**	1	KIT-RETAINING BOLT	
					(INCLUDES BOLT, RING & SEALS)	
		2	**113-0582**		RECEPTACLE AS-CONNECTOR (40-PIN)	
		2	**106-4155**	1	KIT-RETAINING BOLT	
					(INCLUDES BOLT, RING & SEALS)	
E		2	**114-8843**		SLEEVE-PLASTIC (60-CM)	
E		2	**114-8844**		SLEEVE-PLASTIC (60-CM)	
E		2	**114-8845**		SLEEVE-PLASTIC (140-CM)	
		2	**8T-8730**	103	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		2	**9W-0844**	39	SOCKET-CONNECTOR (14-GA TO 16-GA)	
		2	**2L-8054**	1	TERMINAL-RING (6-GA, 1/2-IN SCREW)	
					—OR—	
		2	**2L-8061**	1	TERMINAL-RING (8-GA, 1/2-IN SCREW)	
		2	**2L-8074**	5	TERMINAL-RING (14-GA TO 16-GA, NO. 6 SCREW)	
E		2	**119-3662**		TUBE-HEAT SHRINK (10.85-MM DIA) (13-CM)	
E		2	**125-7874**		TUBE-HEAT SHRINK (5.72-MM DIA) (15-CM)	
E		2	**125-7875**		TUBE-HEAT SHRINK (7.44-MM DIA) (45-CM)	
	65	3	**030-9613**	6	SCREW-FORMING (10-24X0.37-IN)	
M	66	2	**096-4884**	2	LOCKNUT (M12X1.75-THD)	
	67	5	**096-6166**	1	WASHER-HARD (4.5X9X1-MM THK)	
	68	4	**107-1964**	8	SCREW-PAN HEAD (6-19X0.5-IN)	
	69	1,3,4	**130-5300**	4	CLIP	
	70	2	**174-5907**	8	CLIP	

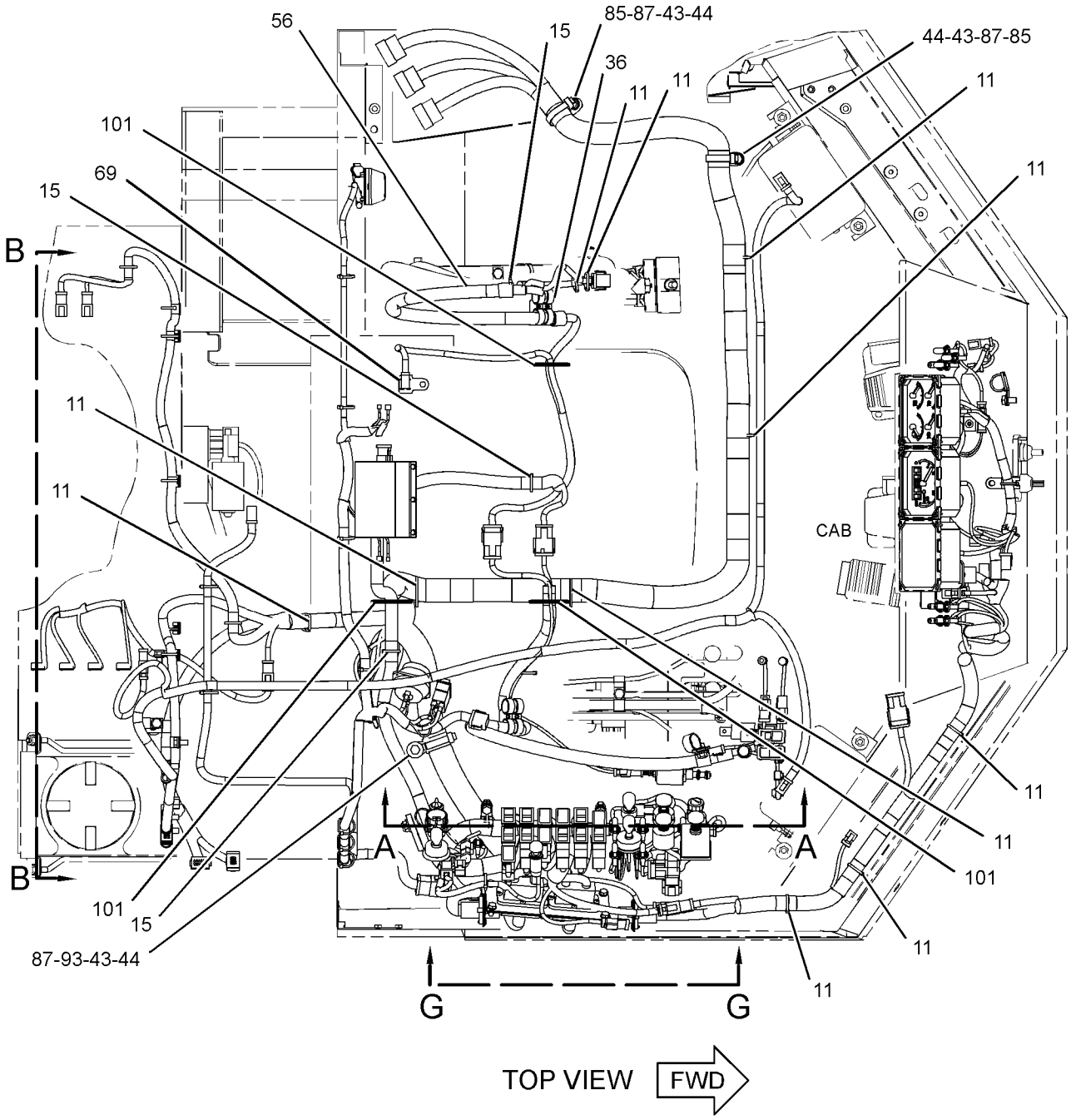
236-5464 **WIRING GP-CAB (**contd.**)** **i04086610**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	71	5	**223-8975**	1	SWITCH AS-ROCKER (24-VOLT) (REAR FLOODLIGHTS)	
	71A	5	**223-8975**	1	SWITCH AS-ROCKER (24-VOLT) (FRONT FLOODLIGHTS)	
	72	3	**223-8977**	1	SWITCH AS-ROCKER (INTERIOR LIGHT)	
Y	73	5	**275-7764**	1	SWITCH GP-WIPER (24-VOLT, INTERMITTENT) (FRONT)	539
	74	3	**3S-8665**	1	CLIP	
	75	5	**3S-9557**	4	SCREW-PAN HEAD (4-40X0.5-IN)	
	76	2	**4D-7794**	1	CLIP	
	77	4,5	**4P-7581**	11	CLIP (LADDER)	
	78	4	**4P-8134**	1	CLIP (LADDER)	
M	80	3	**5C-9553**	1	BOLT (M6X1X16-MM)	
	81	4	**6D-4636**	1	CLIP (LOOP)	
	82	5	**6V-2687**	16	SCREW-PAN HEAD (10-24X1-IN)	
M	83	4	**6V-8225**	2	NUT (M6X1-THD)	
	84	2	**8T-0328**	3	WASHER-HARD (5.5X10X1-MM THK)	
	85	1,2,3,4,5	**8T-4121**	18	WASHER-HARD (11X21X2.5-MM THK)	
M	86	3,5	**8T-4133**	3	NUT (M10X1.5-THD)	
M	87	1	**8T-4136**	3	BOLT (M10X1.5X25-MM)	
M	88	2,3,4,5	**8T-4137**	15	BOLT (M10X1.5X20-MM)	
M	89	5	**8T-4189**	4	BOLT (M8X1.25X20-MM)	
M	90	2	**8T-4191**	1	BOLT (M10X1.5X16-MM)	
M	91	5	**8T-4200**	4	BOLT (M8X1.25X16-MM)	
	92	4	**8T-4205**	1	WASHER-HARD (7.2X14.5X2-MM THK)	
	93	1,4	**8T-4222**	2	WASHER-PLATED (11X32X2.5-MM THK)	
	94	2	**8T-4223**	2	WASHER-HARD (13.5X25.5X3-MM THK)	
	95	5	**8T-4224**	8	WASHER-HARD (8.8X16X2-MM THK)	
	96	3	**9M-4972**	1	CLIP (LOOP)	
M	97	2	**9X-1046**	3	SCREW (M4X0.7X18-MM)	
M	98	4	**9X-2042**	4	SCREW-TRUSS HEAD (M6X1X12-MM)	
M	99	4	**9X-2044**	3	SCREW-TRUSS HEAD (M6X1X16-MM)	
	100	3,4	**9X-8256**	7	WASHER (6.6X12X2-MM THK)	
D	101	1	**6V-3987**		SEAL (0.2-M EACH)	
					AVAILABLE REPAIR KIT(S):	
J			**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	

D - ORDER BY THE METER
E - ORDER BY THE CENTIMETER
J - KIT MARKED J SERVICES PART(S) MARKED J
M - METRIC PART
R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

236-5464 **WIRING GP-CAB (**contd.**)** **i04086610**

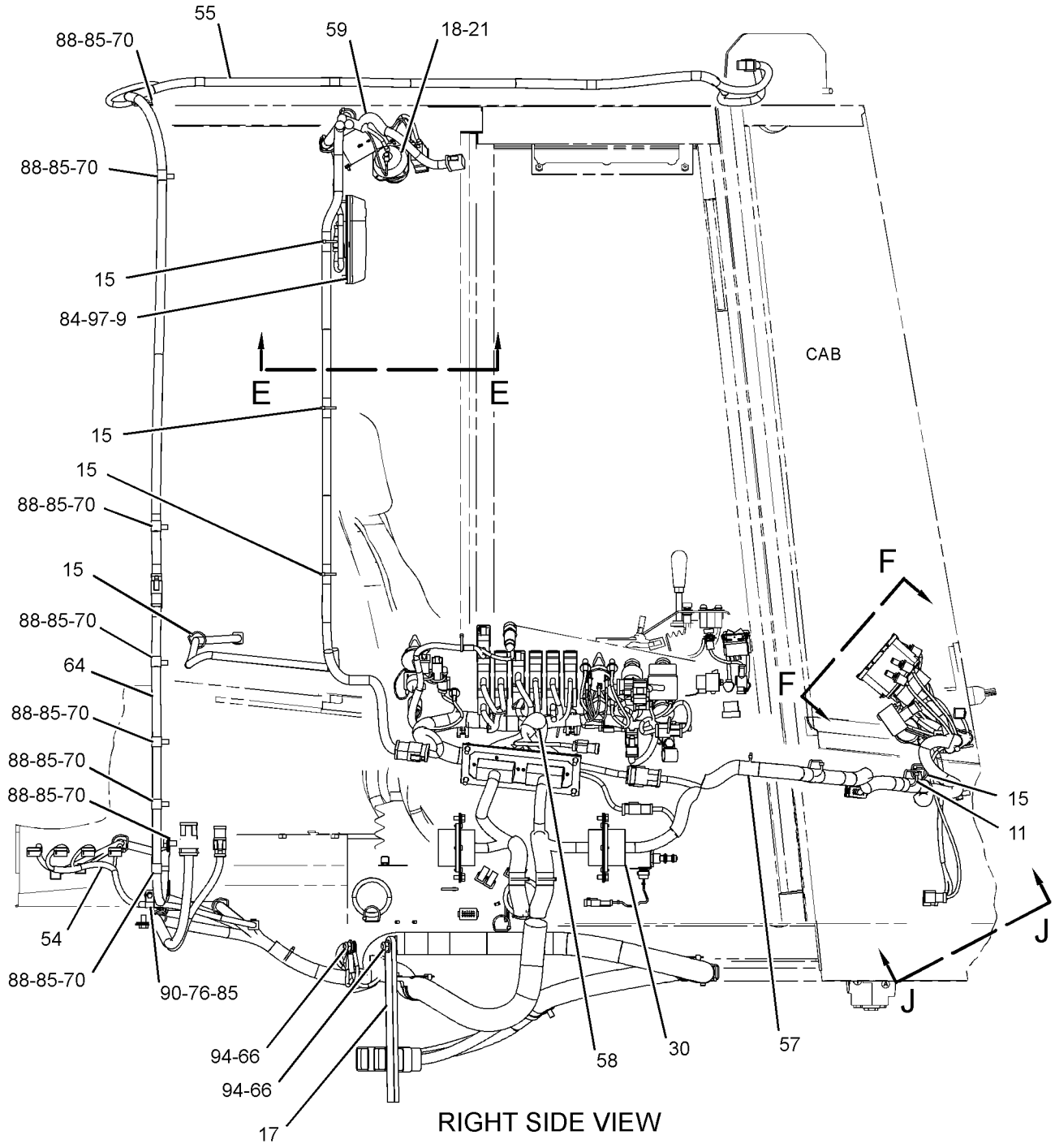
REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



GRAPHIC #1 g02931296

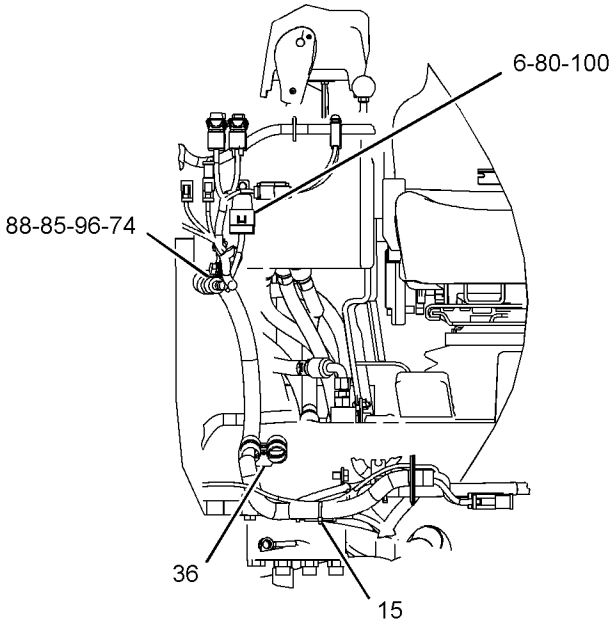
236-5464 **WIRING GP-CAB (**contd.**)** **i04086610**

REFER TO ALL ILLUSTRATIONS OF
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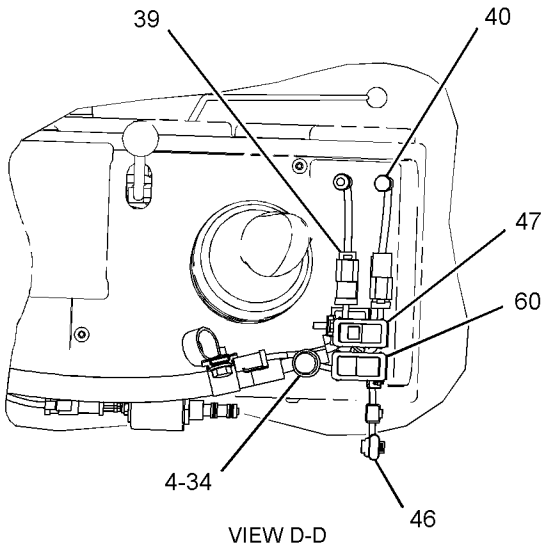


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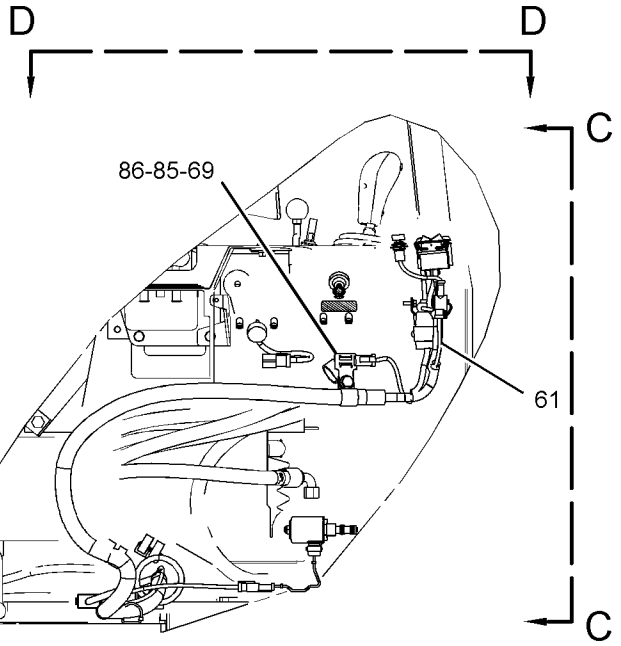
236-5464 **WIRING GP-CAB (**contd.**)** **i04086610**



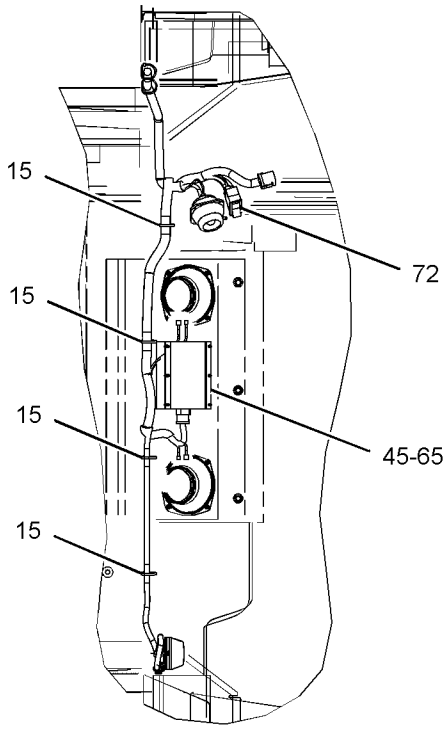
VIEW C-C



VIEW D-D



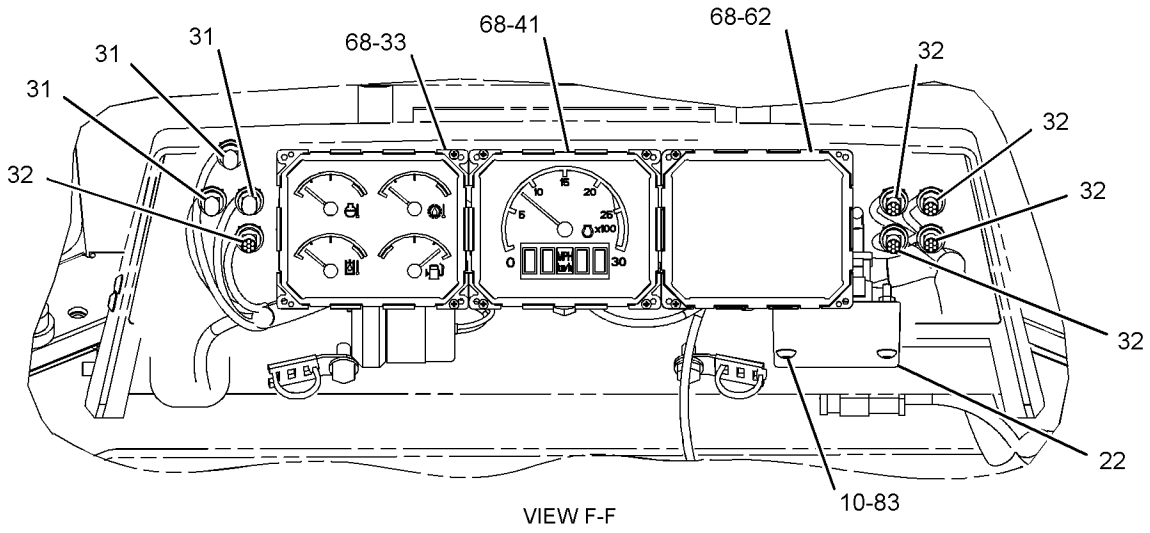
SECTION A-A



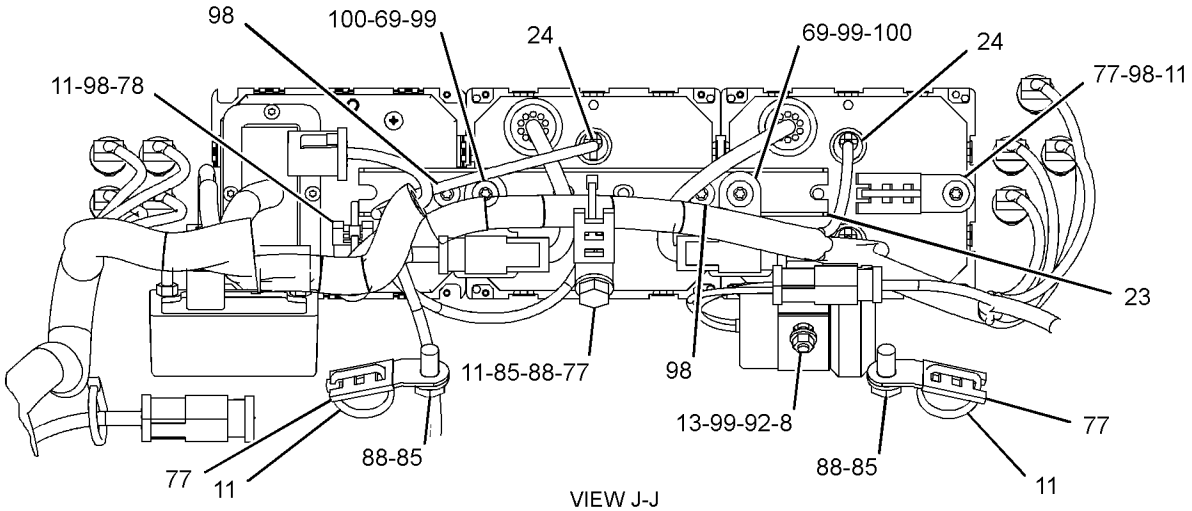
SECTION E-E

GRAPHIC #3 g02931298

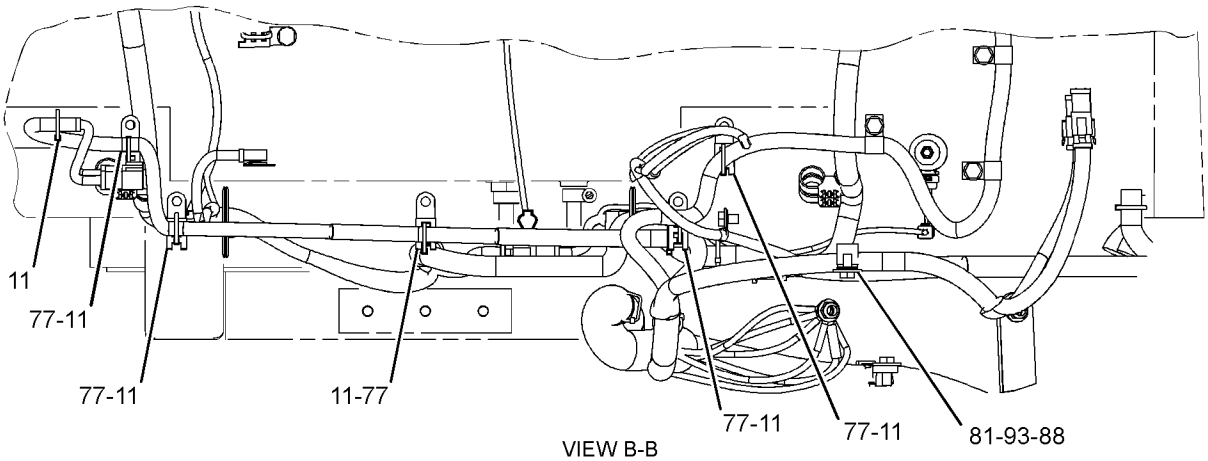
236-5464 **WIRING GP-CAB (**contd.**)** **i04086610**



VIEW F-F



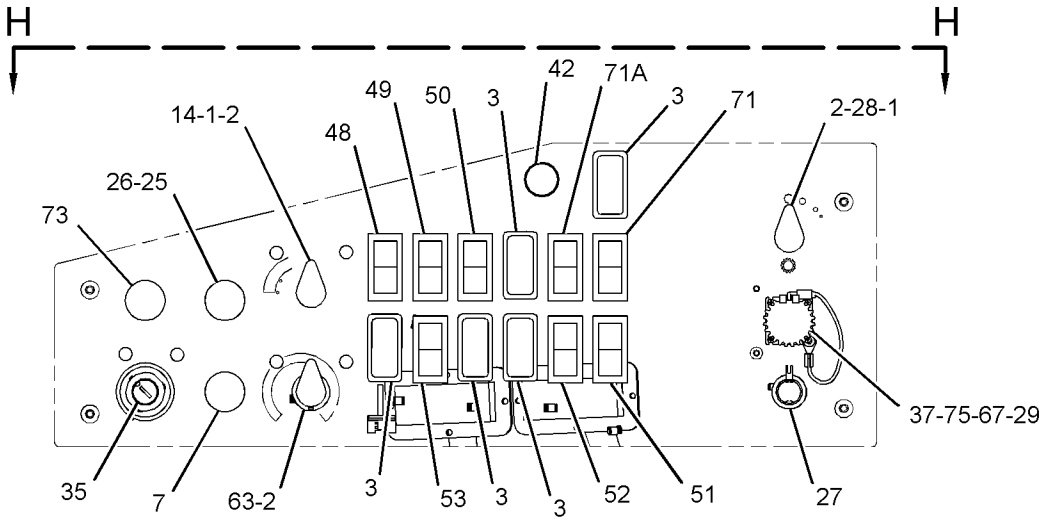
VIEW J-J



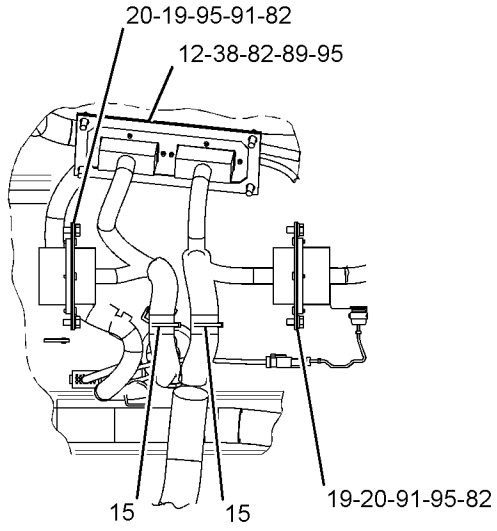
VIEW B-B

GRAPHIC #4 g02931299

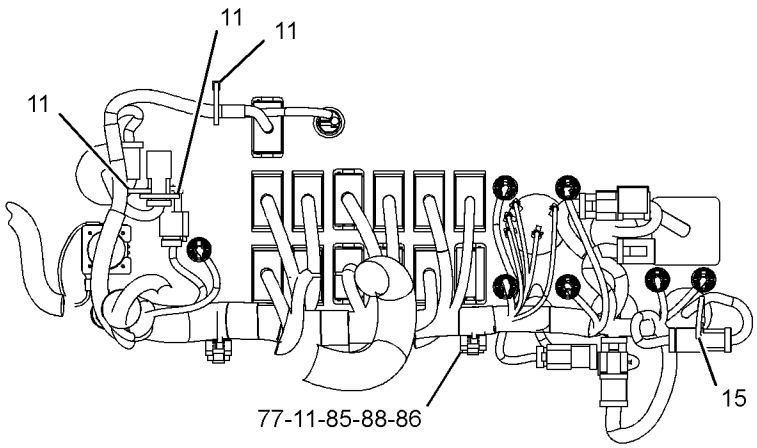
236-5464 **WIRING GP-CAB (**contd.**)** **i04086610**



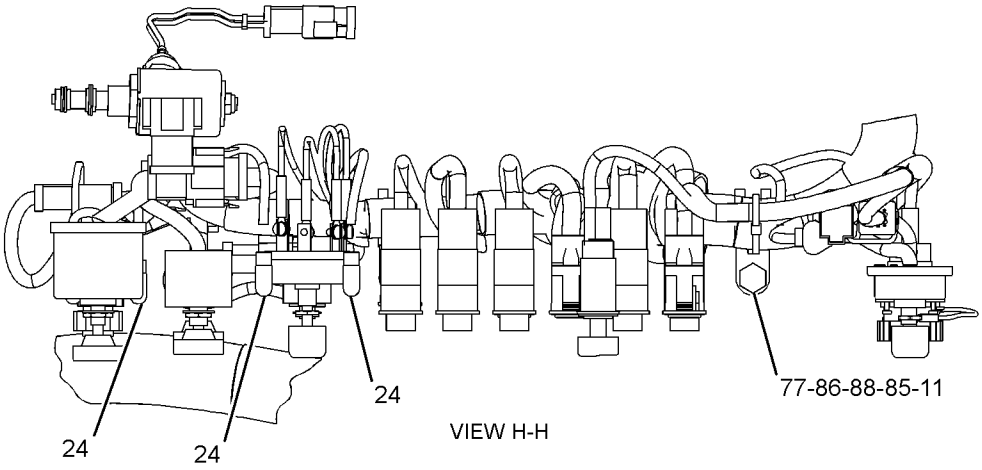
FRONT VIEW
(RIGHT HAND INSTRUMENT PANEL)



VIEW G-G



REAR VIEW
(RIGHT HAND INSTRUMENT PANEL)



VIEW H-H

GRAPHIC #5 <END> g02931301

236-5464 WIRING GP-CAB

S/N: BTW1-UP

PART OF 234-5964, 281-4121 CAB AR

SMCS-1408, 7301 **i04846138**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	5	**2P-4339**	2	NUT-JAM (7/16-28-THD)	
	2	5	**2V-0099**	3	KNOB-CONTROL	
	3	5	**3E-0109**	5	PLUG (ROCKER SWITCH)	
	4	3	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	6	3	**3E-5239**	1	RELAY AS (24-VOLT) (HORN)	
	7	5	**3E-5275**	1	SWITCH AS-ROTARY (WIPER, WASHER) (QUARTER WINDOW)	
		5	**6V-8369**	1	NUT (7/16-28-THD)	
		5	**7T-9302**	1	KNOB AS-WIPER SWITCH (WIPER, WASHER)	
		5	**8T-8730**	8	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		5	**014-0816**	1	SETSCREW (8-32X0.5-IN)	
		5	**2H-3920**	1	LOCKWASHER	
		5	**155-2265**	2	KIT-CONNECTING PLUG (8-PIN)	
					(EACH INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
Y	8	4	**3E-6328**	1	ALARM GP (24-VOLT) (ACTION)	332
Y	9	2	**3E-6389**	1	LAMP GP-DOME (24-VOLT)	408
M	10	4	**3E-6924**	2	SCREW-TRUSS HEAD (M6X1X50-MM)	
	11	1,2,4,5	**3S-2093**	27	STRAP-CABLE	
	12	5	**4E-9055**	1	GASKET	
M	13	4	**5C-2890**	1	NUT (M6X1-THD)	
	14	5	**6P-3236**	1	SWITCH AS-ROTARY (FAN SPEED)	
		5	**6V-8362**	5	SCREW-MACHINE (8-32X0.31-IN)	
		5	**9B-7233**	5	LOCKWASHER	
	15	1,2,3,5	**7K-1181**	18	STRAP-CABLE	
	17	2	**8X-5802**	1	STRAP AS-GROUND	
	18	2	**8Y-6335**	1	LAMP-INTERIOR (24-VOLT)	
	19	5	**9U-4989**	2	PLATE	
	20	5	**9U-4990**	2	GASKET	
	21	2	**9X-4494**	1	LAMP (24-VOLT)	
Y	22	4	**103-5526**	1	CONTROL GP-MONITOR (BACKLIGHT DIMMER)	1240
	23	4	**106-4454**	1	PLATE	
	24	4,5	**110-2079**	10	LAMP (24-VOLT)	
	25	5	**110-7885**	1	KNOB AS-WIPER SWITCH	
		5	**014-0816**	1	SETSCREW (8-32X0.5-IN)	
	26	5	**112-6174**	1	SWITCH GP-ROTARY (WIPER, WASHER) (REAR)	
		5	**8T-8729**	6	PIN-CONNECTOR (16-GA TO 18-GA)	
		5	**2H-3920**	1	LOCKWASHER	
		5	**6V-8369**	1	NUT (7/16-28-THD)	
		5	**8T-8737**	2	PLUG-SEAL	
		5	**102-8806**	1	KIT-RECEPTACLE (8-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	27	5	**117-2311**	1	SOCKET-AUXILIARY POWER (12-VOLT)	
	28	5	**123-6383**	1	SWITCH AS-ROTARY (24-VOLT, 4-POSITION) (REDUCED RIMPULL SELECT)	
		5	**8T-8737**	1	PLUG-SEAL	
		5	**9W-0852**	5	PIN-CONNECTOR (14-GA TO 16-GA)	
		5	**102-8805**	1	KIT-RECEPTACLE (6-PIN)	

236-5464 **WIRING GP-CAB (**contd.**)** **i04846138**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
					(INCLUDES RECEPTACLE AS & WEDGE)	
	29	5	**128-6157**	1	PLATE	
Y	30	2	**152-8340**	1	VALVE GP-SOLENOID (24-VOLT) (HYDRAULIC LOCKOUT)	1113
	31	4	**163-1876**	3	LAMP-LED (24-VOLT, RED)	
	32	4	**163-1878**	5	LAMP-LED (24-VOLT, YELLOW)	
Y	33	4	**166-6928**	1	MODULE GP-QUAD GAUGE	1295
	34	3	**170-1821**	1	SWITCH AS-PUSH BUTTON (HORN)	
		3	**8T-8729**	2	PIN-CONNECTOR (16-GA TO 18-GA)	
		3	**6F-0253**	1	LOCKWASHER	
		3	**172-3511**	1	NUT (5/8-24-THD)	
	35	5	**174-7580**	1	SWITCH GP-KEY (START)	
		5	**8T-8729**	4	PIN-CONNECTOR (16-GA TO 18-GA)	
		5	**7T-6799**	1	NUT-MOUNTING (1-32-THD)	
		5	**102-8804**	1	KIT-RECEPTACLE (4-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	36	1,3	**177-2215**	4	STRAP-DUAL CLAMP	
	37	5	**180-9900**	1	CAP AS	
		5	**5P-7958**	1	SLEEVE-CABLE SPLICE	
		5	**8C-6354**	1	CAP-RECEPTACLE (ET CONNECTOR)	
		5	**179-9392**	1	LANYARD	
	38	5	**188-0556**	1	COVER	
	39	3	**188-3983**	1	SWITCH AS-PUSH BUTTON (THROTTLE LOCK RESUME)	
		3	**3K-0835**	1	NUT (5/8-24-THD)	
		3	**6F-0253**	1	LOCKWASHER	
		3	**155-2260**	1	KIT-CONNECTING PLUG (3-PIN)	
					(INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
		3	**8T-8730**	3	SOCKET-CONNECTOR (16-GA TO 18-GA)	
	40	3	**188-3984**	1	SWITCH AS-PUSH BUTTON (THROTTLE LOCK SET)	
		3	**3K-0835**	1	NUT (5/8-24-THD)	
		3	**6F-0253**	1	LOCKWASHER	
		3	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		3	**8T-8729**	3	PIN-CONNECTOR (16-GA TO 18-GA)	
Y	41	4	**190-3730**	1	MODULE GP-SPEEDOMETER & TACH	1296
	42	5	**198-6570**	1	LIGHTER GP (12-VOLT) (CIGAR)	
		5	**198-6571**	1	ELEMENT AS-HEATER (12-VOLT) (CIGAR LIGHTER)	
	43	1	**204-2281**	3	STRAP-CABLE	
	44	1	**204-8000**	3	MOUNTING-CABLE TIE	
C	45	3	**340-7161**	1	CONVERTER-POWER (24-VOLT TO 12-VOLT)	
	46	3	**218-4935**	1	SUPPRESSOR-ARC	
	47	3	**219-9533**	1	SWITCH AS-ROCKER (24-VOLT) (HYDRAULIC LOCKOUT)	
	48	5	**220-8358**	1	SWITCH AS-ROCKER (24-VOLT) (OPERATOR MODE SELECT)	
	49	5	**223-8969**	1	SWITCH AS-ROCKER (TORQUE CONVERTER LOCKUP CLUTCH)	
	50	5	**223-8970**	1	SWITCH AS-ROCKER (QUICKSHIFT)	
	51	5	**223-8971**	1	SWITCH AS-ROCKER (24-VOLT) (STAIRWAY ACCESS LIGHT)	
	52	5	**223-8973**	1	SWITCH AS-ROCKER (RUNNING LIGHTS)	
	53	5	**223-8982**	1	SWITCH AS-ROCKER (24-VOLT) (THROTTLE LOCK ENABLE)	
	54	2	**238-9127**	1	HARNESS AS-WINDOW WIPER (WASHER)	
		2	**155-2271**	1	KIT-CONNECTING PLUG (4-PIN)	

236-5464 **WIRING GP-CAB (**contd.**)** **i04846138**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
					(INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
		2	**8T-8730**	4	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		2	**5P-4571**	8	TERMINAL-BLADE (14-GA TO 16-GA)	
		2	**9X-0196**	4	TERMINAL AS (16-GA)	
	55	2	**238-9128**	1	HARNESS AS-WINDOW WIPER (QUARTER WINDOW)	
		2	**155-2255**	1	KIT-CONNECTING PLUG (12-PIN)	
		2	**155-2270**	1	KIT-CONNECTING PLUG (2-PIN)	
		2	**155-2274**	2	KIT-CONNECTING PLUG (6-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
		2	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		2	**8T-8737**	6	PLUG-SEAL	
		2	**8T-8730**	19	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		2	**9W-0844**	3	SOCKET-CONNECTOR (14-GA TO 16-GA)	
E		2	**119-3662**		TUBE-HEAT SHRINK (10.85-MM DIA) (7-CM)	
E		2	**125-7875**		TUBE-HEAT SHRINK (7.44-MM DIA) (5-CM)	
	56	1	**238-9129**	1	HARNESS AS-CAB (REAR, INSIDE)	
E		1	**5P-0767**		HOSE (77-CM)	
		1	**155-2255**	1	KIT-CONNECTING PLUG (12-PIN)	
		1	**155-2270**	1	KIT-CONNECTING PLUG (2-PIN)	
		1	**155-2271**	1	KIT-CONNECTING PLUG (4-PIN)	
		1	**155-2265**	1	KIT-CONNECTING PLUG (8-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
		1	**102-8801**	1	KIT-RECEPTACLE (12-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	**8T-8729**	31	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	**9W-0852**	4	PIN-CONNECTOR (14-GA TO 16-GA)	
		1	**8T-8737**	19	PLUG-SEAL	
		1	**9X-1314**	1	PROBE AS-PIN (RED)	
E		1	**114-8843**		SLEEVE-PLASTIC (40-CM)	
E		1	**114-8844**		SLEEVE-PLASTIC (60-CM)	
		1	**8T-8730**	21	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		1	**9W-0844**	3	SOCKET-CONNECTOR (14-GA TO 16-GA)	
D		1	**6V-2722**		TUBE-HEAT SHRINK (25.4-MM DIA) (0.1-M)	
E		1	**119-3662**		TUBE-HEAT SHRINK (10.85-MM DIA) (7-CM)	
E		1	**125-7874**		TUBE-HEAT SHRINK (5.72-MM DIA) (10-CM)	
	57	2	**238-9130**	1	HARNESS AS-PANEL (FRONT)	
		2	**274-3779**	1	CAP-SEAL	
		2	**155-2255**	1	KIT-CONNECTING PLUG (12-PIN)	
		2	**155-2270**	1	KIT-CONNECTING PLUG (2-PIN)	
		2	**155-2274**	5	KIT-CONNECTING PLUG (6-PIN)	
		2	**155-2260**	2	KIT-CONNECTING PLUG (3-PIN)	
		2	**155-2271**	1	KIT-CONNECTING PLUG (4-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
		2	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
		2	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
		2	**102-8804**	1	KIT-RECEPTACLE (4-PIN)	
		2	**102-8805**	1	KIT-RECEPTACLE (6-PIN)	
		2	**102-8801**	1	KIT-RECEPTACLE (12-PIN)	

236-5464 **WIRING GP-CAB (**contd.**)** **i04846138**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)	
		2	**8T-8729**	60	PIN-CONNECTOR (16-GA TO 18-GA)	
		2	**8T-8737**	38	PLUG-SEAL	
		2	**8T-9834**	1	PLUG AS-CONNECTOR (40-PIN)	
		2	**3E-4367**	1	RING-RETAINING	
M		2	**3E-8557**	1	BOLT (M5X0.8X39.37-MM)	
		2	**9X-3132**	2	SEAL-CONNECTOR (40-PIN)	
		2	**9X-1343**	1	RECEPTACLE AS-CONNECTOR (40-PIN)	
		2	**8T-8730**	63	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		2	**113-5183**	12	SOCKET-LAMP	
		2	**113-5184**	24	TERMINAL-RECEPTACLE (16-GA TO 18-GA)	
E		2	**119-3662**		TUBE-HEAT SHRINK (10.85-MM DIA) (7-CM)	
E		2	**125-7874**		TUBE-HEAT SHRINK (5.72-MM DIA) (50-CM)	
E		2	**125-7875**		TUBE-HEAT SHRINK (7.44-MM DIA) (25-CM)	
	58	2	**238-9131**	1	HARNESS AS-PANEL (SIDE)	
		2	**155-2255**	2	KIT-CONNECTING PLUG (12-PIN)	
		2	**155-2271**	1	KIT-CONNECTING PLUG (4-PIN)	
		2	**155-2274**	1	KIT-CONNECTING PLUG (6-PIN)	
		2	**155-2265**	2	KIT-CONNECTING PLUG (8-PIN)	
		2	**155-2260**	3	KIT-CONNECTING PLUG (3-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
		2	**102-8803**	2	KIT-RECEPTACLE (3-PIN)	
		2	**102-8806**	1	KIT-RECEPTACLE (8-PIN)	
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)	
		2	**8T-8729**	48	PIN-CONNECTOR (16-GA TO 18-GA)	
		2	**9W-0852**	29	PIN-CONNECTOR (14-GA TO 16-GA)	
		2	**3E-7996**	12	PLUG-CONNECTOR (6-PIN)	
		2	**8T-8737**	33	PLUG-SEAL	
		2	**9W-1951**	1	RECEPTACLE-CONNECTOR (9-PIN)	
		2	**9X-1343**	1	RECEPTACLE AS-CONNECTOR (40-PIN)	
		2	**9X-7148**	1	RECEPTACLE AS-CONNECTOR (40-PIN)	
		2	**8T-8730**	52	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		2	**9W-0844**	6	SOCKET-CONNECTOR (14-GA TO 16-GA)	
		2	**113-5183**	7	SOCKET-LAMP	
		2	**3E-7790**	22	TERMINAL-BLADE (18-GA TO 20-GA)	
		2	**3E-7999**	1	TERMINAL-BLADE (10-GA)	
		2	**5P-4571**	4	TERMINAL-BLADE (14-GA TO 16-GA)	
		2	**065-5071**	45	TERMINAL-BLADE (14-GA TO 16-GA)	
		2	**113-5184**	14	TERMINAL-RECEPTACLE (16-GA TO 18-GA)	
		2	**5P-1475**	5	TERMINAL-FORK (14-GA TO 16-GA, NO. 8 SCREW)	
E		2	**119-3662**		TUBE-HEAT SHRINK (10.85-MM DIA) (39-CM)	
E		2	**125-7875**		TUBE-HEAT SHRINK (7.44-MM DIA) (25-CM)	
		2	**9X-0196**	2	TERMINAL AS (16-GA)	
	59	2	**238-9133**	1	HARNESS AS-CAB (UPPER)	
		2	**155-2265**	1	KIT-CONNECTING PLUG (8-PIN)	
		2	**155-2260**	1	KIT-CONNECTING PLUG (3-PIN)	
		2	**155-2274**	2	KIT-CONNECTING PLUG (6-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
		2	**102-8801**	1	KIT-RECEPTACLE (12-PIN)	

236-5464 **WIRING GP-CAB (**contd.**)** **i04846138**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
					(INCLUDES RECEPTACLE AS & WEDGE)	
		2	**8T-8729**	7	PIN-CONNECTOR (16-GA TO 18-GA)	
		2	**9W-0852**	3	PIN-CONNECTOR (14-GA TO 16-GA)	
		2	**8T-8737**	4	PLUG-SEAL	
		2	**8T-8730**	16	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		2	**9W-0844**	5	SOCKET-CONNECTOR (14-GA TO 16-GA)	
		2	*130-6788*	3	TERMINAL AS-BLADE	
					(EACH INCLUDES)	
		2	**5P-4571**	1	TERMINAL-BLADE (14-GA TO 16-GA)	
					—OR—	
		2	**5P-5618**	1	TERMINAL-BLADE (10-GA TO 12-GA)	
		2	*130-6789*	5	TERMINAL AS-BLADE	
					(EACH INCLUDES)	
		2	**5P-4571**	1	TERMINAL-BLADE (14-GA TO 16-GA)	
					—OR—	
		2	**7N-7221**	1	TERMINAL-BLADE (18-GA TO 22-GA)	
D		2	**6V-2689**		TUBE-HEAT SHRINK (6.35-MM DIA) (0.1-M)	
		2	*130-6790*	2	TERMINAL AS-BLADE	
					(EACH INCLUDES)	
		2	**097-7234**	1	TERMINAL-BLADE (18-GA TO 22-GA)	
D		2	**6V-2689**		TUBE-HEAT SHRINK (6.35-MM DIA) (0.1-M)	
E		2	**6V-9023**		TUBE-HEAT SHRINK (12.7-MM DIA) (4-CM)	
E		2	**119-3662**		TUBE-HEAT SHRINK (10.85-MM DIA) (7-CM)	
E		2	**125-7874**		TUBE-HEAT SHRINK (5.72-MM DIA) (10-CM)	
	60	3	**241-4854**	1	SWITCH AS-ROCKER (SINGLE TO DUAL TILT FUNCTION)	
	61	3	**242-0679**	1	HARNESS AS-CAB (IMPLEMENT SUPPORT)	
E		3	**5P-0767**		HOSE (114-CM)	
		3	**155-2255**	1	KIT-CONNECTING PLUG (12-PIN)	
		3	**155-2260**	1	KIT-CONNECTING PLUG (3-PIN)	
		3	**155-2270**	5	KIT-CONNECTING PLUG (2-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
		3	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
		3	**102-8801**	1	KIT-RECEPTACLE (12-PIN)	
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)	
		3	**8T-8729**	9	PIN-CONNECTOR (16-GA TO 18-GA)	
		3	**3E-7996**	2	PLUG-CONNECTOR (6-PIN)	
		3	**8T-8737**	14	PLUG-SEAL	
		3	**3E-5519**	1	PLUG AS-CONNECTOR (5-PIN)	
E		3	**114-8843**		SLEEVE-PLASTIC (160-CM)	
E		3	**114-8844**		SLEEVE-PLASTIC (40-CM)	
		3	**8T-8730**	17	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		3	**3E-7790**	8	TERMINAL-BLADE (18-GA TO 20-GA)	
		3	**100-5041**	5	TERMINAL-RECEPTACLE (18-GA TO 20-GA)	
E		3	**125-7874**		TUBE-HEAT SHRINK (5.72-MM DIA) (15-CM)	
E		3	**125-7875**		TUBE-HEAT SHRINK (7.44-MM DIA) (10-CM)	
R	62	4	**252-4501**	1	CONTROL GP-UNPRGMED MONITOR (CATERPILLAR MONITORING SYSTEM)	
J	63	5	**291-2165**	1	POTENTIOMETER AS (TEMPERATURE CONTROL)	
		5	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		5	**8T-8729**	1	PIN-CONNECTOR (16-GA TO 18-GA)	

236-5464 **WIRING GP-CAB (**contd.**)** **i04846138**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		5	**236-8722**	1	WASHER (10.5X22.2X1.6-MM THK)	
	64	2	**305-0598**	1	HARNESS AS-CAB (LOWER)	
		2	**155-2255**	2	KIT-CONNECTING PLUG (12-PIN)	
		2	**155-2265**	1	KIT-CONNECTING PLUG (8-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
		2	**102-8804**	2	KIT-RECEPTACLE (4-PIN)	
		2	**102-8805**	1	KIT-RECEPTACLE (6-PIN)	
		2	**102-8806**	1	KIT-RECEPTACLE (8-PIN)	
		2	**102-8801**	1	KIT-RECEPTACLE (12-PIN)	
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)	
		2	**8T-8729**	88	PIN-CONNECTOR (16-GA TO 18-GA)	
		2	**9W-0852**	30	PIN-CONNECTOR (14-GA TO 16-GA)	
		2	**8T-8737**	84	PLUG-SEAL	
		2	**9G-3695**	14	PLUG-SEAL	
		2	**9X-0141**	3	PLUG AS-CONNECTOR (40-PIN)	
					(EACH INCLUDES)	
		2	**3E-4367**	1	RING-RETAINING	
M		2	**3E-8557**	1	BOLT (M5X0.8X39.37-MM)	
		2	**9X-3490**	2	SEAL-CONNECTOR (40-PIN)	
		2	**9X-7147**	1	PLUG AS-CONNECTOR (40-PIN)	
		2	**3E-4367**	1	RING-RETAINING	
M		2	**3E-8557**	1	BOLT (M5X0.8X39.37-MM)	
		2	**9X-3490**	2	SEAL-CONNECTOR (40-PIN)	
		2	**113-0580**	1	RECEPTACLE AS-CONNECTOR (40-PIN)	
		2	**106-4155**	1	KIT-RETAINING BOLT	
					(INCLUDES BOLT, RING & SEALS)	
		2	**113-0581**	1	RECEPTACLE AS-CONNECTOR (40-PIN)	
		2	**106-4155**	1	KIT-RETAINING BOLT	
					(INCLUDES BOLT, RING & SEALS)	
		2	**113-0582**		RECEPTACLE AS-CONNECTOR (40-PIN)	
		2	**106-4155**	1	KIT-RETAINING BOLT	
					(INCLUDES BOLT, RING & SEALS)	
E		2	**114-8843**		SLEEVE-PLASTIC (60-CM)	
E		2	**114-8844**		SLEEVE-PLASTIC (60-CM)	
E		2	**114-8845**		SLEEVE-PLASTIC (140-CM)	
		2	**8T-8730**	103	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		2	**9W-0844**	39	SOCKET-CONNECTOR (14-GA TO 16-GA)	
		2	**2L-8054**	1	TERMINAL-RING (6-GA, 1/2-IN SCREW)	
					—OR—	
		2	**2L-8061**	1	TERMINAL-RING (8-GA, 1/2-IN SCREW)	
		2	**2L-8074**	5	TERMINAL-RING (14-GA TO 16-GA, NO. 6 SCREW)	
E		2	**119-3662**		TUBE-HEAT SHRINK (10.85-MM DIA) (13-CM)	
E		2	**125-7874**		TUBE-HEAT SHRINK (5.72-MM DIA) (15-CM)	
E		2	**125-7875**		TUBE-HEAT SHRINK (7.44-MM DIA) (45-CM)	
M	66	2	**096-4884**	2	LOCKNUT (M12X1.75-THD)	
	67	5	**096-6166**	1	WASHER-HARD (4.5X9X1-MM THK)	
	68	4	**107-1964**	8	SCREW-PAN HEAD (6-19X0.5-IN)	
	69	1,3,4	**130-5300**	4	CLIP	
	70	2	**174-5907**	8	CLIP	
	71	5	**223-8975**	1	SWITCH AS-ROCKER (24-VOLT) (REAR FLOODLIGHTS)	

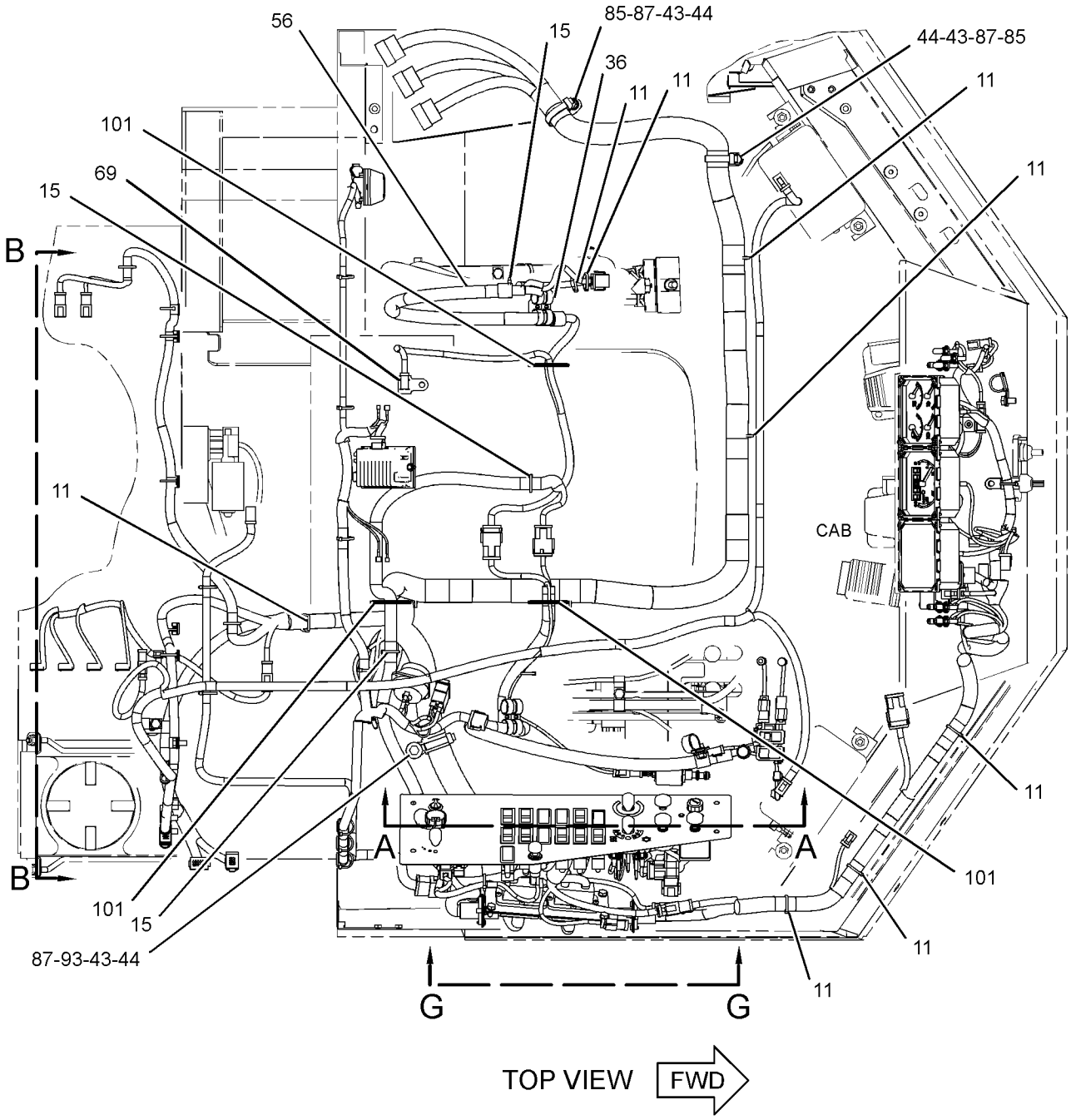
236-5464 **WIRING GP-CAB (**contd.**)** **i04846138**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	71A	5	**223-8975**	1	SWITCH AS-ROCKER (24-VOLT) (FRONT FLOODLIGHTS)	
	72	3	**223-8977**	1	SWITCH AS-ROCKER (INTERIOR LIGHT)	
Y	73	5	**275-7764**	1	SWITCH GP-WIPER (24-VOLT, INTERMITTENT) (FRONT)	539
	74	3	**3S-8665**	1	CLIP	
	75	5	**3S-9557**	4	SCREW-PAN HEAD (4-40X0.5-IN)	
	76	2	**4D-7794**	1	CLIP	
	77	4,5	**4P-7581**	11	CLIP (LADDER)	
	78	4	**4P-8134**	1	CLIP (LADDER)	
M	80	3	**5C-9553**	1	BOLT (M6X1X16-MM)	
	81	4	**6D-4636**	1	CLIP (LOOP)	
	82	5	**6V-2687**	16	SCREW-PAN HEAD (10-24X1-IN)	
M	83	4	**6V-8225**	2	NUT (M6X1-THD)	
	84	2	**8T-0328**	3	WASHER-HARD (5.5X10X1-MM THK)	
	85	1,2,3,4,5	**8T-4121**	18	WASHER-HARD (11X21X2.5-MM THK)	
M	86	3,5	**8T-4133**	3	NUT (M10X1.5-THD)	
M	87	1	**8T-4136**	3	BOLT (M10X1.5X25-MM)	
M	88	2,3,4,5	**8T-4137**	15	BOLT (M10X1.5X20-MM)	
M	89	5	**8T-4189**	4	BOLT (M8X1.25X20-MM)	
M	90	2	**8T-4191**	1	BOLT (M10X1.5X16-MM)	
M	91	5	**8T-4200**	4	BOLT (M8X1.25X16-MM)	
C	92	3,4	**8T-4205**	3	WASHER-HARD (7.2X14.5X2-MM THK)	
	93	1,4	**8T-4222**	2	WASHER-PLATED (11X32X2.5-MM THK)	
	94	2	**8T-4223**	2	WASHER-HARD (13.5X25.5X3-MM THK)	
	95	5	**8T-4224**	8	WASHER-HARD (8.8X16X2-MM THK)	
	96	3	**9M-4972**	1	CLIP (LOOP)	
M	97	2	**9X-1046**	3	SCREW (M4X0.7X18-MM)	
M	98	4	**9X-2042**	4	SCREW-TRUSS HEAD (M6X1X12-MM)	
M	99	4	**9X-2044**	3	SCREW-TRUSS HEAD (M6X1X16-MM)	
	100	3,4	**9X-8256**	7	WASHER (6.6X12X2-MM THK)	
D	101	1	**6V-3987**		SEAL (0.2-M EACH)	
C	102	5	**241-8244**	1	FILM-DASH	
C	103	3	**9S-2437**	2	SCREW-TAPPING (10-24X19.05-MM)	
					AVAILABLE REPAIR KIT(S):	
J			**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	

C - CHANGE FROM PREVIOUS TYPE
D - ORDER BY THE METER
E - ORDER BY THE CENTIMETER
J - KIT MARKED J SERVICES PART(S) MARKED J
M - METRIC PART
R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

236-5464 **WIRING GP-CAB (**contd.**)** **i04846138**

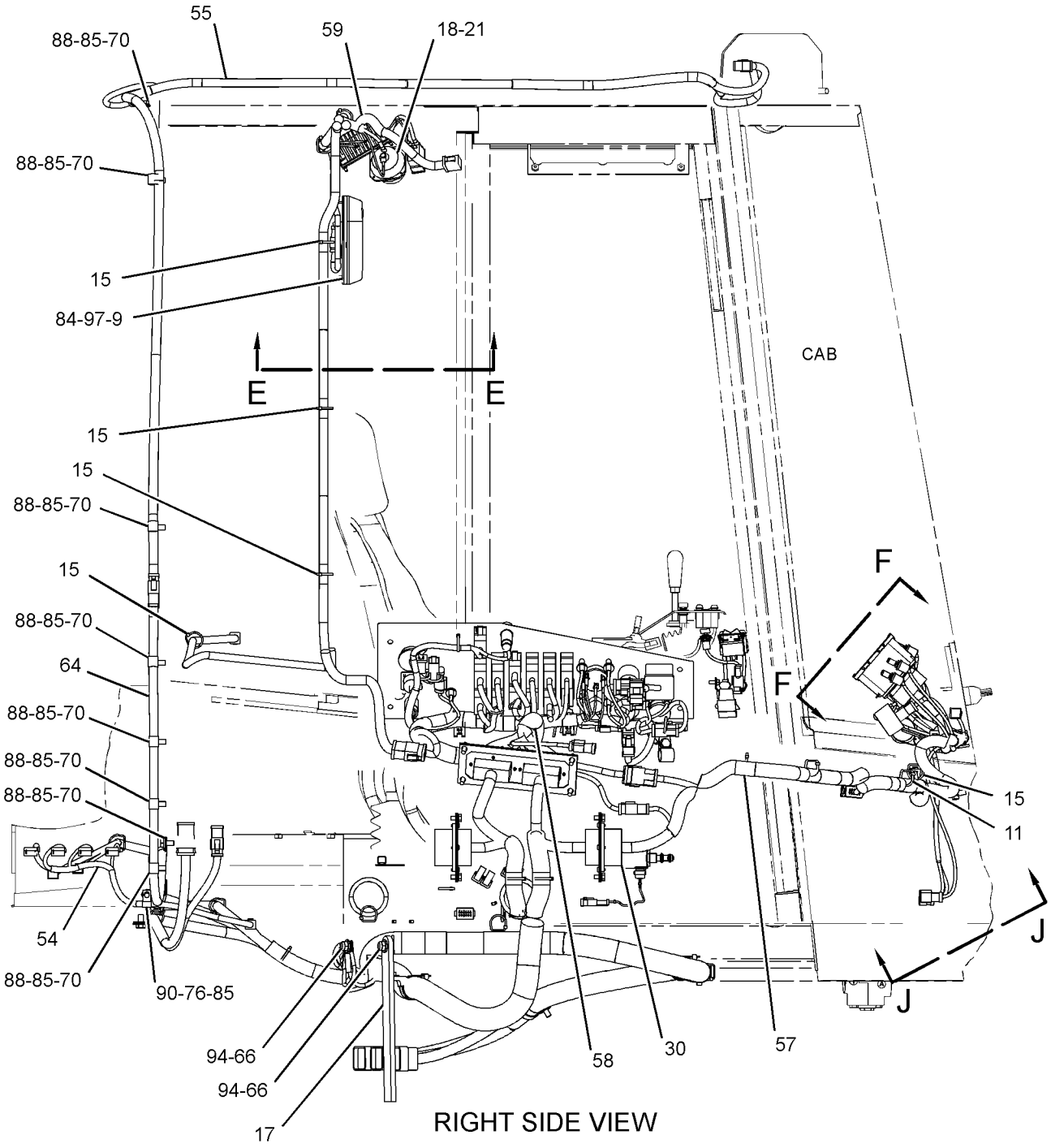
REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



GRAPHIC #1 g03033476

236-5464 **WIRING GP-CAB (**contd.**)** **i04846138**

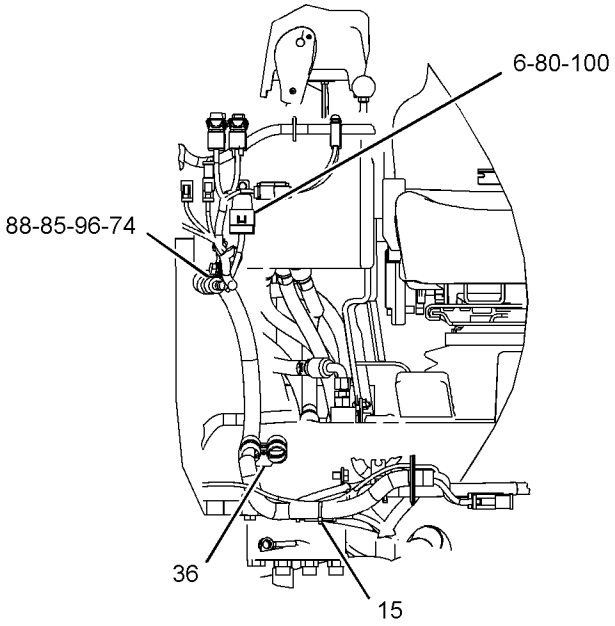
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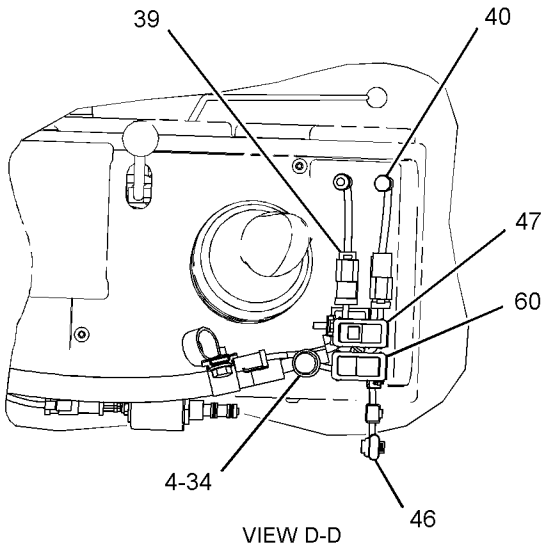
RIGHT SIDE VIEW

GRAPHIC #2 g03033477

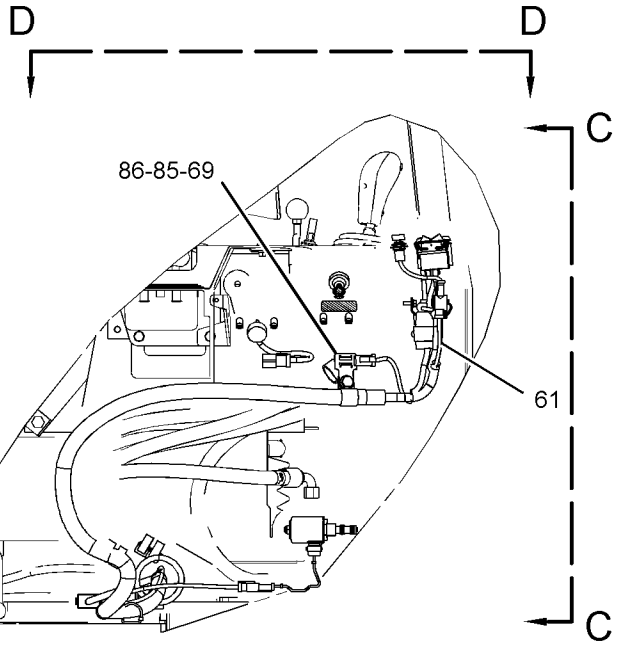
236-5464 **WIRING GP-CAB (**contd.**)** **i04846138**



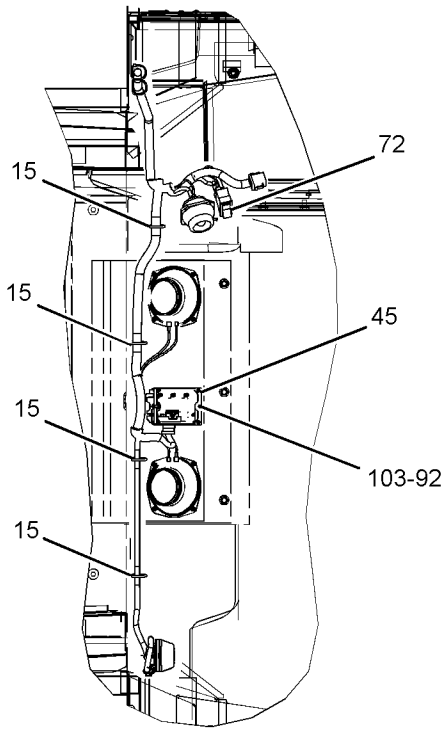
VIEW C-C



VIEW D-D



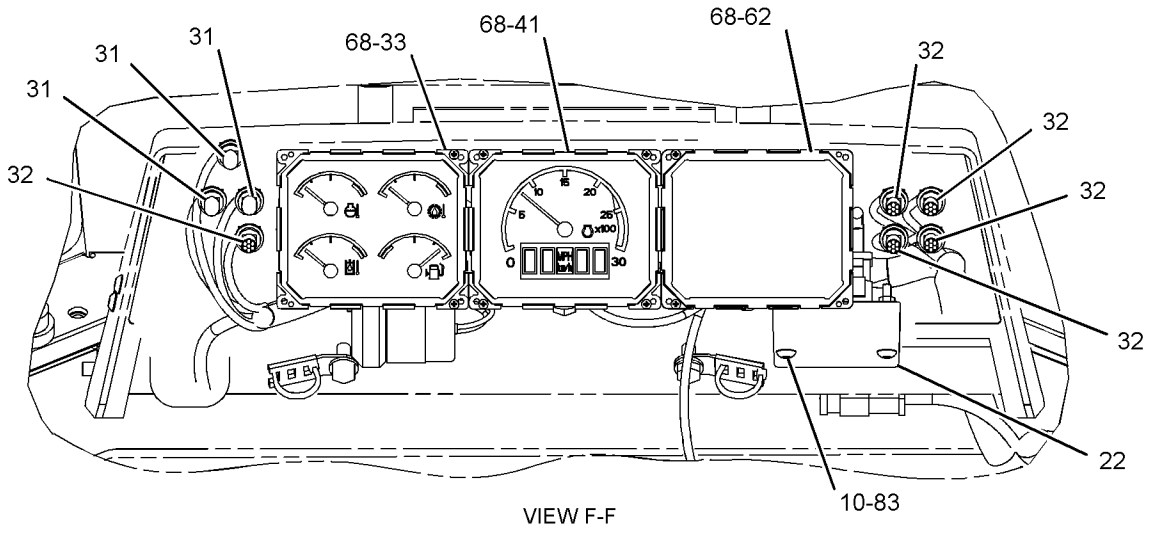
SECTION A-A



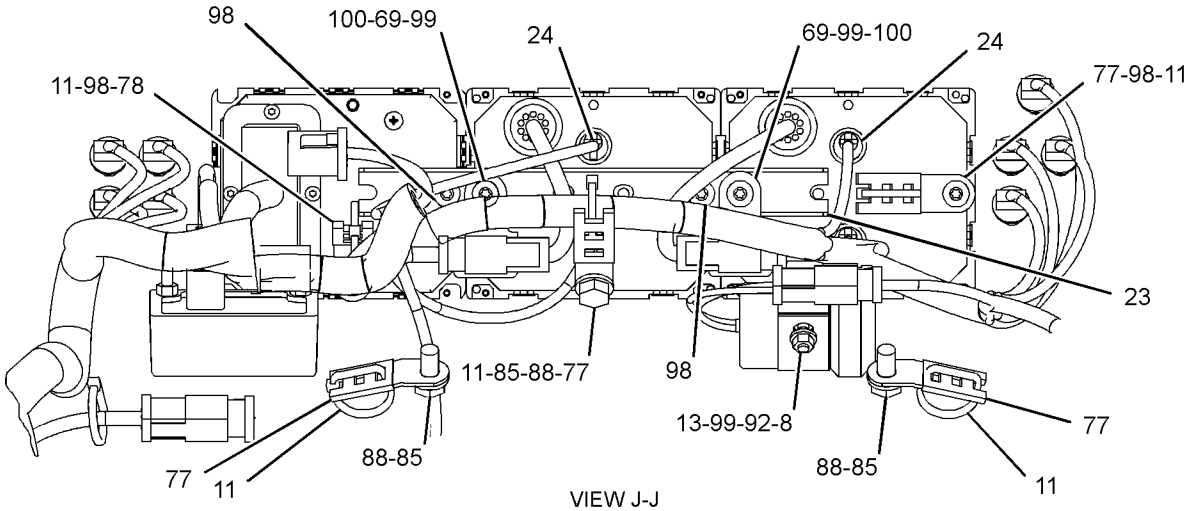
SECTION E-E

GRAPHIC #3 g03033478

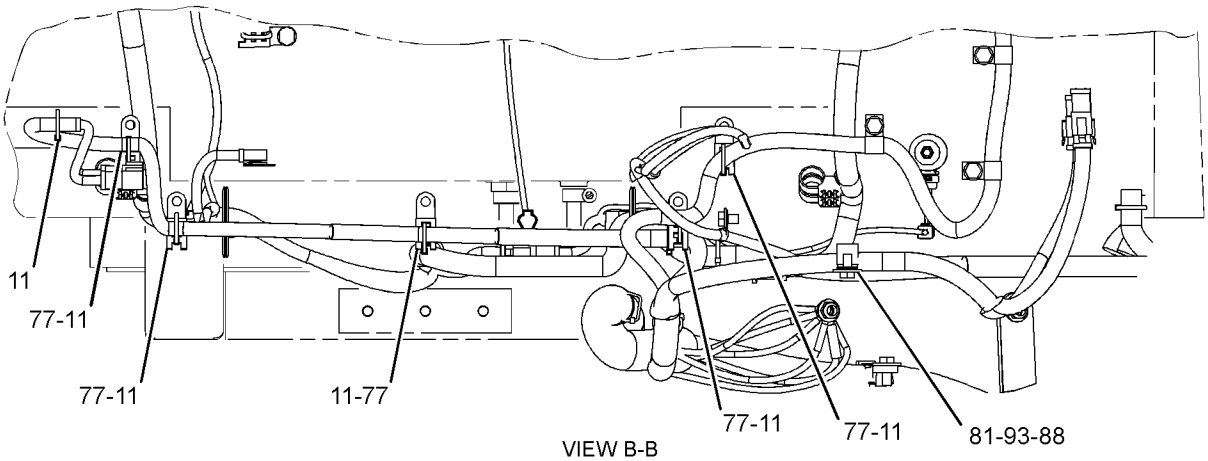
236-5464 **WIRING GP-CAB (**contd.**)** **i04846138**



VIEW F-F



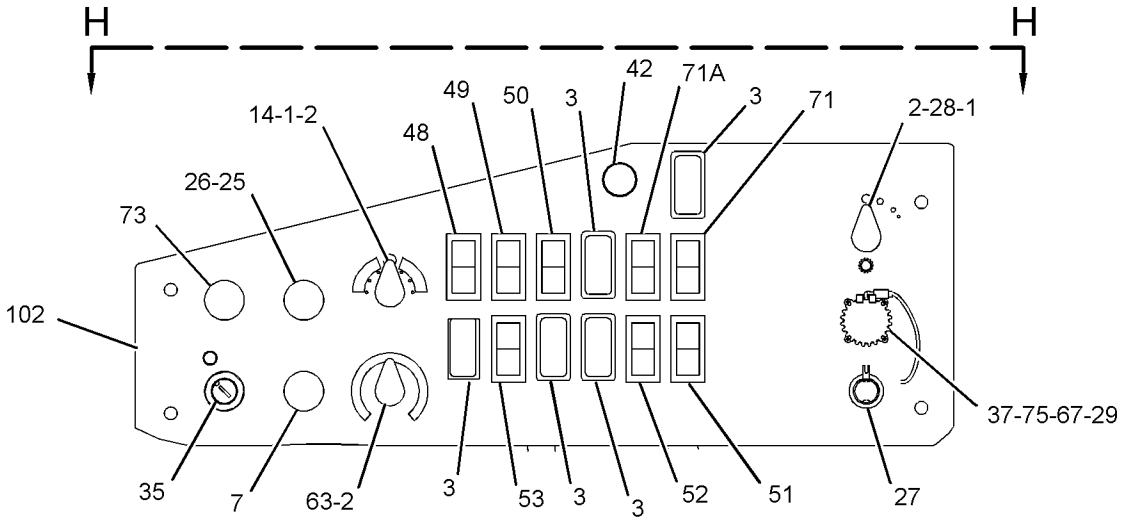
VIEW J-J



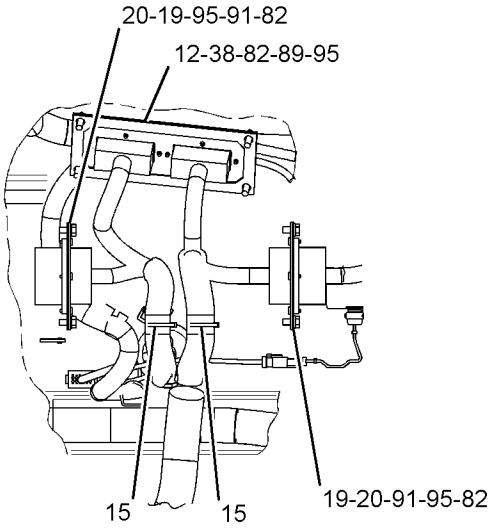
VIEW B-B

GRAPHIC #4 g03039197

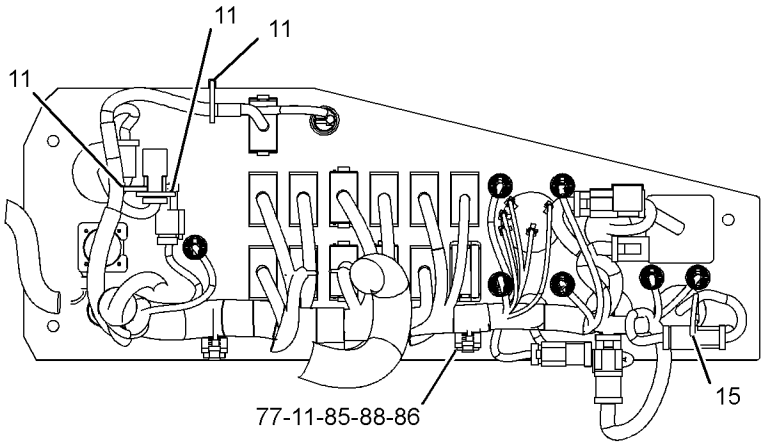
236-5464 **WIRING GP-CAB (**contd.**)** **i04846138**



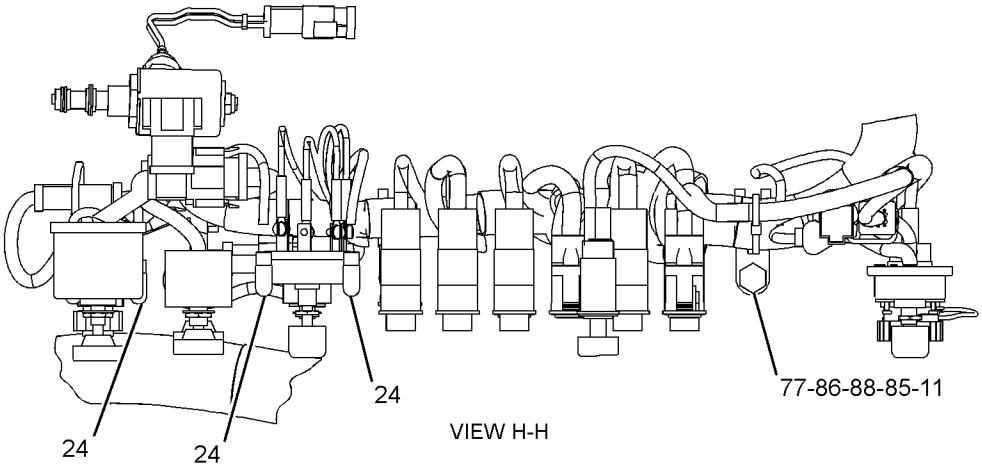
FRONT VIEW
(RIGHT HAND INSTRUMENT PANEL)



VIEW G-G



REAR VIEW
(RIGHT HAND INSTRUMENT PANEL)



VIEW H-H

GRAPHIC #5 <END> g03033480

267-8837 WIRING GP-CAMERA

S/N: BTW1-UP

PART OF 267-8836 CAMERA AR

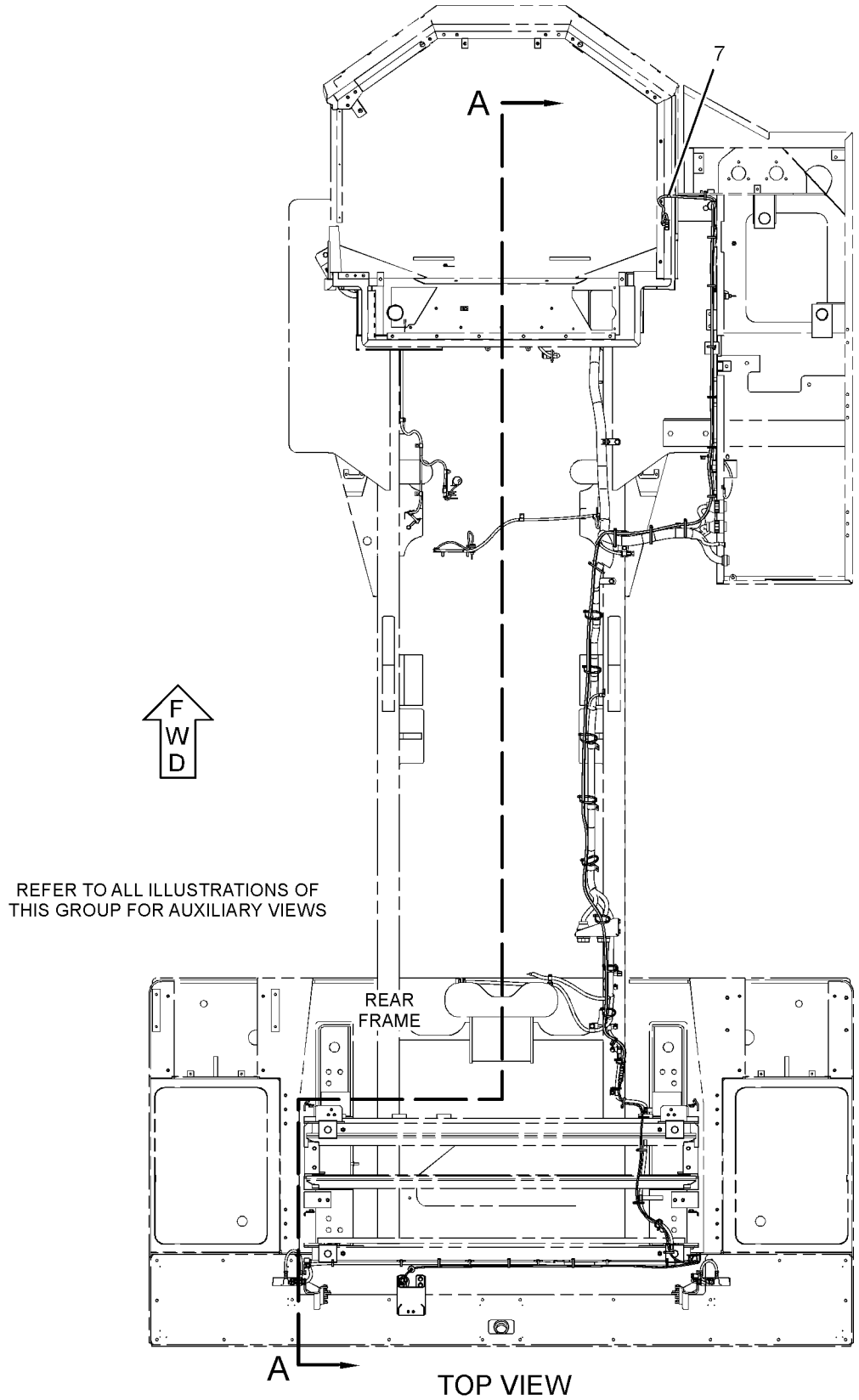
SMCS-1408, 7348

i04939292

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**9X-6772**	42	STRAP-CABLE	
	2	2	**122-5855**	1	SPACER (11.5X20X26-MM THK)	
C	3	2	**347-1668**	1	CAMERA AS (115-DEG, COLOR)	
		2	**251-4162**	1	KIT-BRACKET (CAMERA)	
					(INCLUDES BOLTS, LOCKNUTS, BRACKET, GASKET & ALLEN KEY)	
	4	2	**266-2116**	1	CABLE-COMMUNICATION (7.5-M)	
	5	2	**251-8248**	1	CABLE AS-COMMUNICATION	
	6	2	**268-9063**	1	BRACKET AS	
	7	1,2	**8M-2772**	2	CLIP (LOOP)	
	8	2	**8T-4121**	4	WASHER-HARD (11X21X2.5-MM THK)	
M	9	2	**8T-4136**	3	BOLT (M10X1.5X25-MM)	
M	10	2	**8T-4185**	1	BOLT (M10X1.5X50-MM)	
	11	2	**9X-7345**	1	GROMMET	

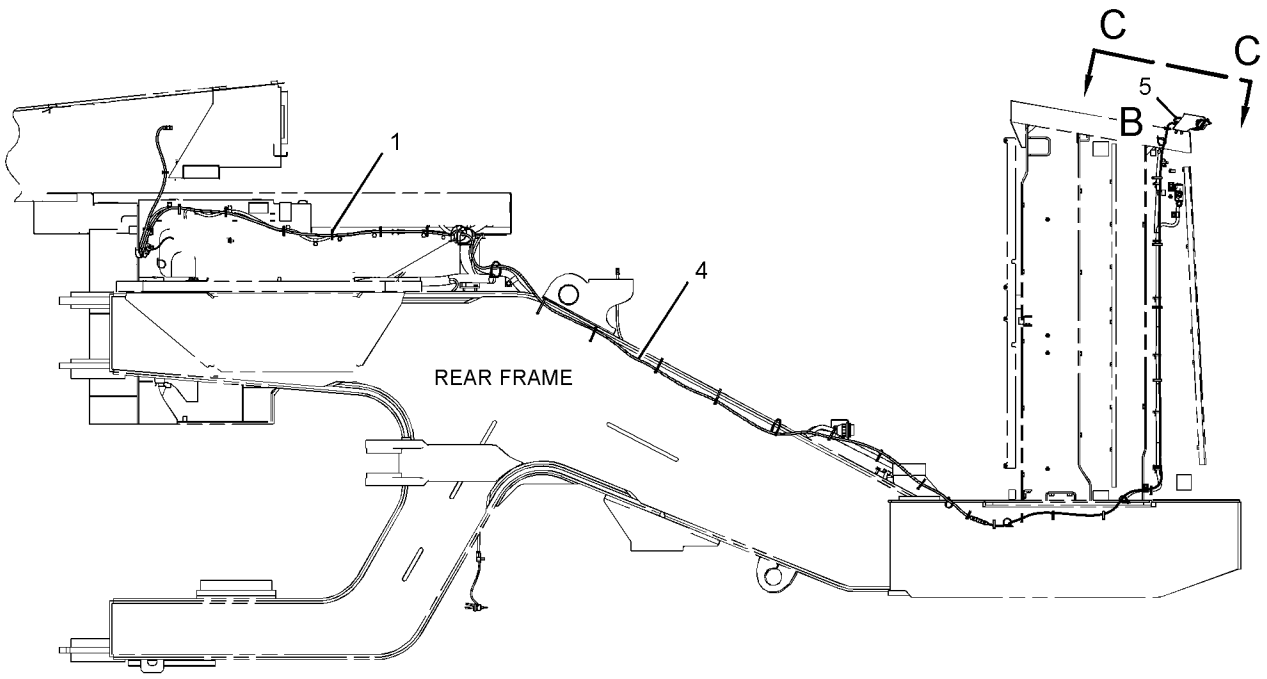
C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART

267-8837 **WIRING GP-CAMERA (**contd.**)** **i04939292**

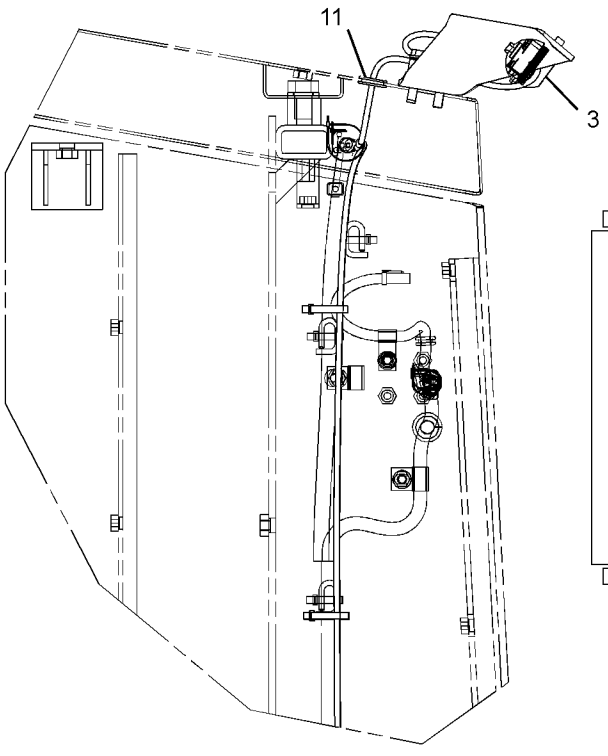


GRAPHIC #1 g01212423

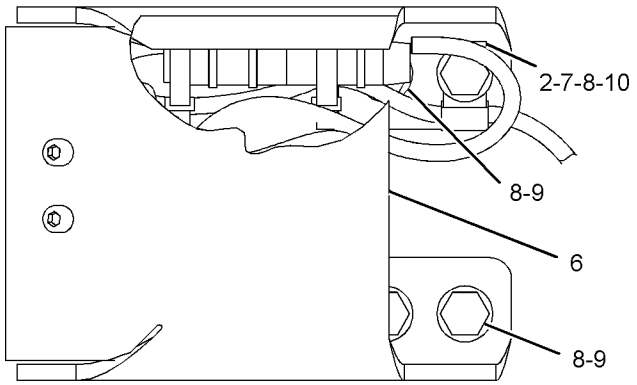
267-8837 **WIRING GP-CAMERA (**contd.**)** **i04939292**



SECTION A-A



VIEW OF AREA B



VIEW C-C

GRAPHIC #2 <END> g01212424

267-8837 WIRING GP-CAMERA

S/N: BTW1-192

PART OF 267-8836 CAMERA AR

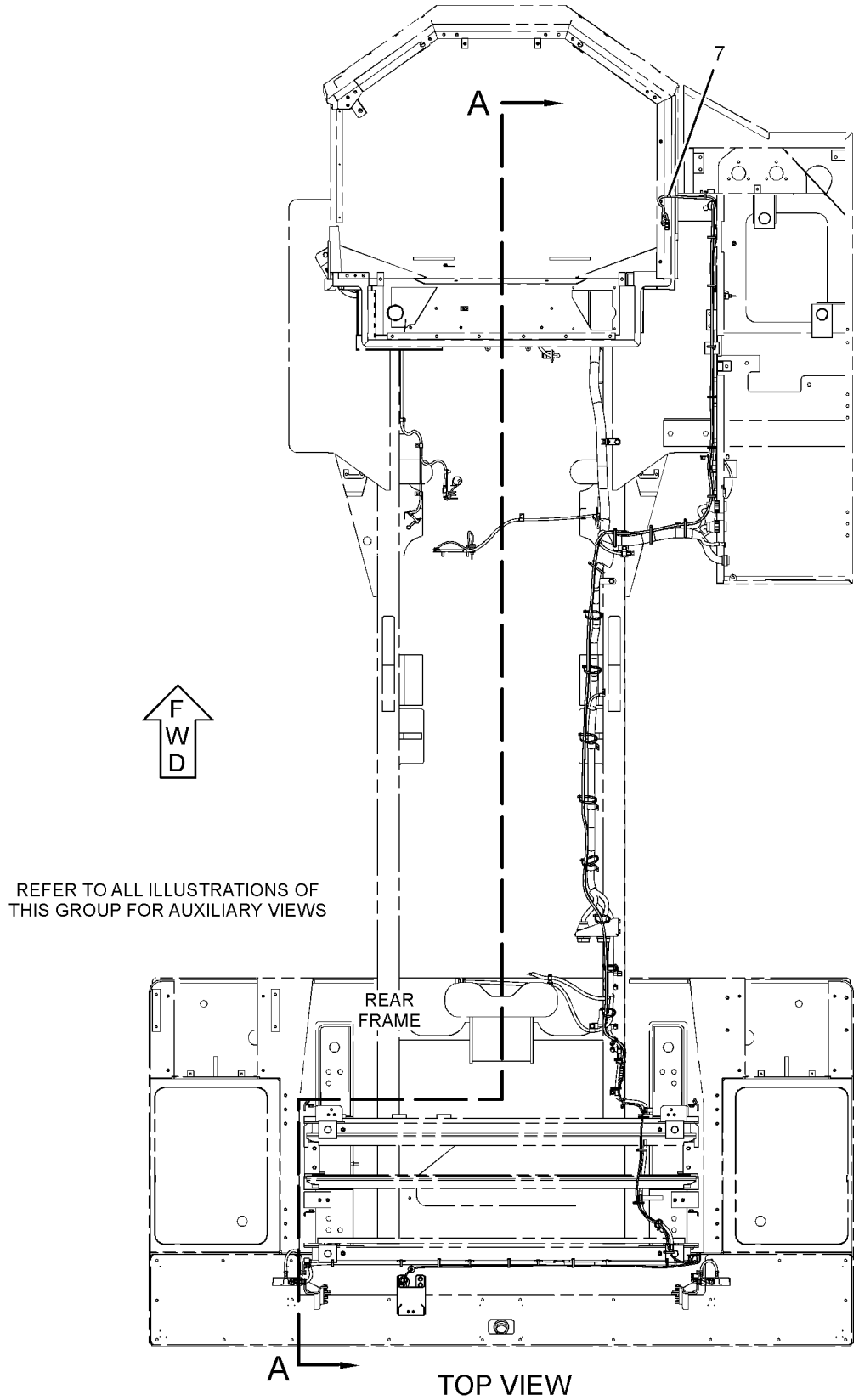
SMCS-1408, 7348

i02424284

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**9X-6772**	42	STRAP-CABLE	
	2	2	**122-5855**	1	SPACER (11.5X20X26-MM THK)	
	3	2	**251-4160**	1	CAMERA GP (115-DEG, COLOR)	
	4	2	**251-4169**	1	CABLE AS-COMMUNICATION (11-M)	
	5	2	**251-8248**	1	CABLE AS-COMMUNICATION	
	6	2	**268-9063**	1	BRACKET AS	
	7	1,2	**8M-2772**	2	CLIP (LOOP)	
	8	2	**8T-4121**	4	WASHER-HARD (11X21X2.5-MM THK)	
M	9	2	**8T-4136**	3	BOLT (M10X1.5X25-MM)	
M	10	2	**8T-4185**	1	BOLT (M10X1.5X50-MM)	
	11	2	**9X-7345**	1	GROMMET	

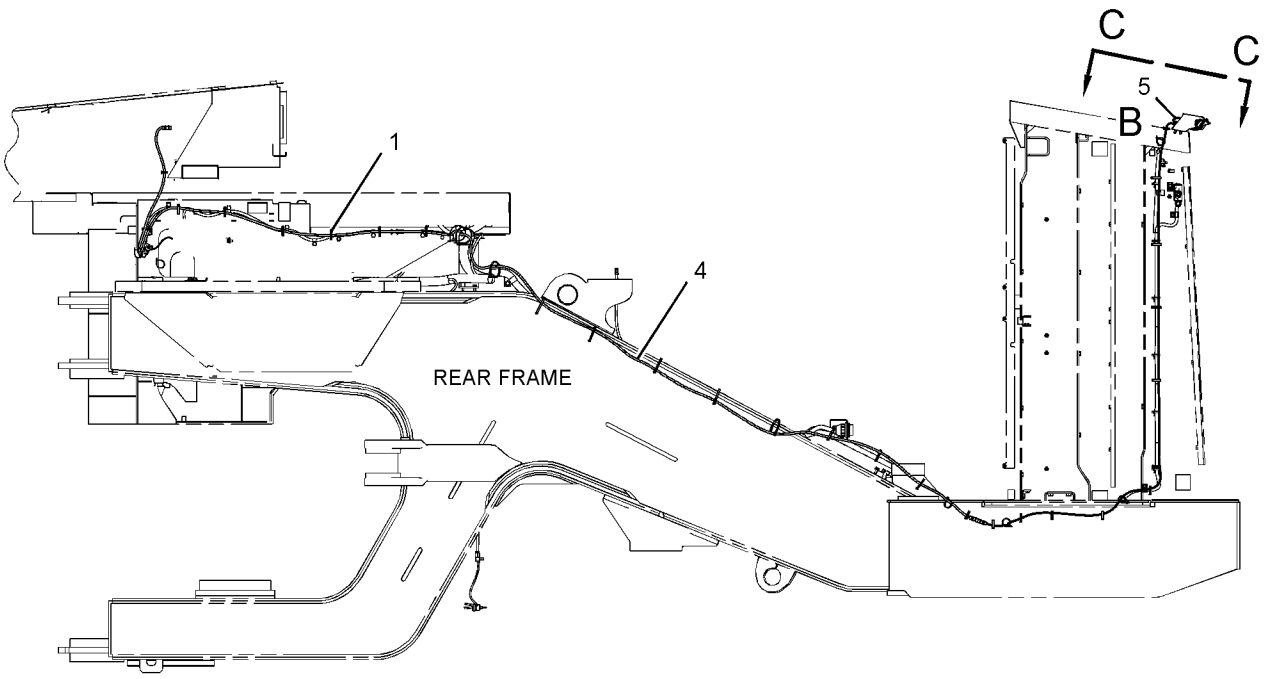
M - METRIC PART

267-8837 **WIRING GP-CAMERA (**contd.**)** **i02424284**

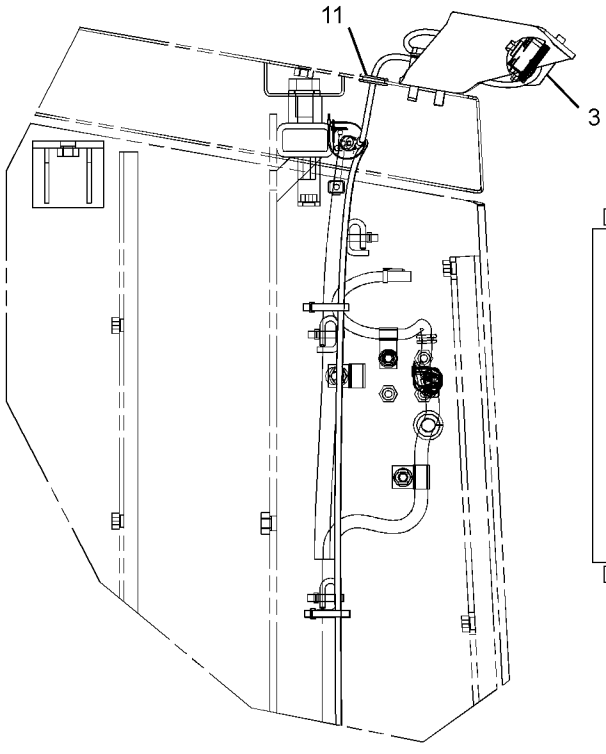


GRAPHIC #1 g01212423

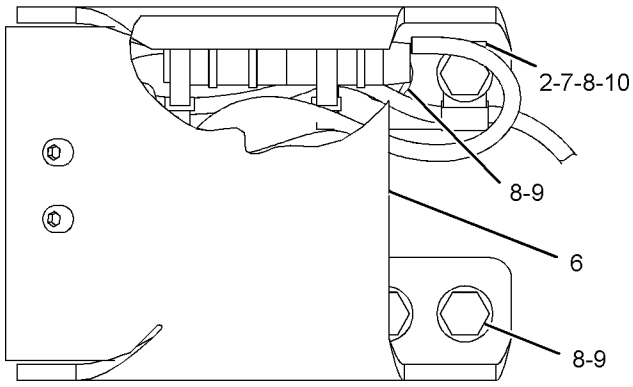
267-8837 **WIRING GP-CAMERA (**contd.**)** **i02424284**



SECTION A-A



VIEW OF AREA B



VIEW C-C

GRAPHIC #2 <END> g01212424

267-3063 WIRING GP-ELECTRONICS BAY

S/N: BTW1-UP

PART OF 230-3276 ELECTRICAL AR

SMCS-1408, 7610, 7620 **i05785738**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3D-2435**	2	GASKET	
	2	3	**3E-5239**	1	RELAY AS (24-VOLT) (INSTRUMENT PANEL BACKLIGHTS)	
	2A	3	**3E-5239**	1	RELAY AS (24-VOLT) (HORN)	
	2B	3	**3E-5239**	1	RELAY AS (24-VOLT) (AIR CONDITIONER PRECLEANER)	
	2C	3	**3E-5239**	1	RELAY AS (24-VOLT) (ROPS HID FLOODLIGHTS)	
	2D	3	**3E-5239**	1	RELAY AS (24-VOLT) (FENDER HID FLOODLIGHTS)	
	2E	3	**3E-5239**	1	RELAY AS (24-VOLT) (FENDER FLOODLIGHTS)	
	3	4	**6I-1418**	4	SPACER (8.2X12.7X28.7-MM THK)	
	4	2	**7I-3652**	1	STRIP	
	5	4	**7V-9275**	1	STRAP	
	6	4	**8T-3518**	2	NUT-FULL (1/2-13-THD)	
	7	4	**8T-9655**	8	MOUNT-ISOLATION	
	8	2	**9U-2277**	1	CLIP AS	
	9	3	**9W-1441**	6	FUSE (15-AMPERE)	
	10	3	**9W-1442**	23	FUSE (10-AMPERE)	
	11	3	**9W-1446**	3	FUSE (20-AMPERE)	
	12	2,4	**9X-6772**	31	STRAP-CABLE	
	13	1	**102-1529**	2	FILM-INSTRUCTION (ELECTRICAL DISCONNECT)	
	14	2	**106-8704**	3	SUPPRESSOR AS-ARC	
		2	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		2	**3E-3365**	1	WEDGE-RECEPTACLE LOCK (2-PIN)	
		2	**186-3735**	1	PIN-CONNECTOR (16-GA TO 18-GA)	
	15	3	**115-9346**	1	PLATE-IDENTIFICATION (CIRCUIT BREAKER)	
	16	3	**118-9587**	1	CAM-LATCH	
Y	17	2	**125-1302**	1	SWITCH GP-MAGNETIC (24-VOLT) (START RELAY, SECONDARY)	532
Y	17A	2	**125-1302**	1	SWITCH GP-MAGNETIC (24-VOLT) (START RELAY, PRIMARY)	532
YR	18	2	**172-9389**	1	CONTROL GP-UNPROGRAMMED (POWER TRAIN)	373
	19	3	**174-6381**	1	LATCH AS	
	20	4	**187-8674**	1	BLOCK AS-JUNCTION	
	21	4	**187-8675**	1	GASKET	
	22	3	**202-4327**	1	PULLER-FUSE	
	23	1	**234-5925**	1	GASKET	
Y	24	2	**241-8368**	1	SWITCH GP-MAGNETIC (24-VOLT) (MAIN RELAY)	533
Y	25	4	**331-5017**	1	HARNESS AS-PANEL (MAIN)	384
	26	4	**267-8478**	1	PLATE AS	
		4	**7T-1099**	3	LINK	
	27	3	**269-7583**	3	TUBE	
	28	3	**269-8306**	1	FILM-IDENTIFICATION (FUSE PANEL)	
	29	3	**269-9156**	1	DOOR AS-ACCESS	
		3	**8R-2566**	2	HINGE	
	30	1	**269-9173**	1	COVER	
	31	4	**269-9215**	1	ENCLOSURE GP-ELECTRONICS BAY	
M		4	**4E-8266**	4	BOSS (M6X1X19-MM)	
M		4	**6V-9632**	3	NUT-WELD (M6X1-THD)	

267-3063 **WIRING GP-ELECTRONICS BAY (**contd.**)** **i05785738**

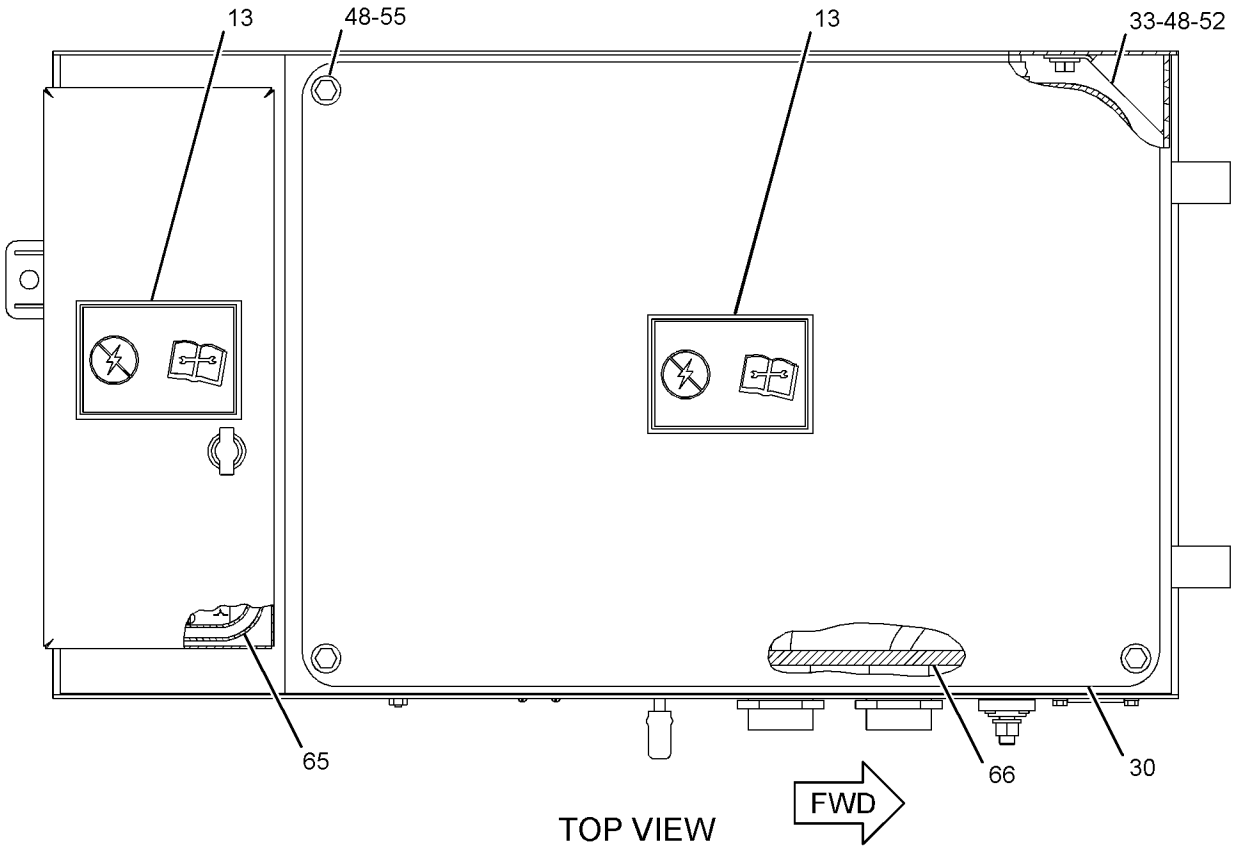
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M		4	**8T-3490**	10	NUT-WELD (M10X1.5-THD)	
M		4	**8T-3635**	2	STUD-WELD (M12X1.75X34.93-MM)	
		4	**8T-4897**	4	WASHER (10.2X35X6-MM THK)	
M		4	**8T-4967**	1	STUD-WELD (M10X1.5X23-MM)	
M		4	**8T-8874**	4	NUT-WELD (M5X0.8-THD)	
M		4	**8X-4245**	6	BOSS (M6X1X18-MM)	
M		4	**8X-5147**	1	BLOCK (M10X1.5-MM)	
M		4	**9R-9282**	1	BOSS (M10X1.5-THD)	
		4	**110-2570**	3	CAP	
	32	2	**270-3258**	1	FILM-IDENTIFICATION (BATTERY POWER DISCONNECT)	
	33	1	**278-7109**	1	COVER	
	34	2	**107-3727**	4	SCREW-PAN HEAD	
	35	4	**171-2212**	2	CIRCUIT BREAKER AS (105-AMPERE) (MAIN)	
					(EACH INCLUDES)	
		4	**6V-8187**	2	NUT (1/4-28-THD)	
		4	**8T-4205**	2	WASHER-HARD (7.2X14.5X2-MM THK)	
		4	**253-2111**	2	LOCKWASHER	
	36	2,4	**3D-9799**	6	SCREW-MACHINE (8-32X0.875-IN)	
	37	2	**3T-2662**	1	CIRCUIT BREAKER AS (15-AMPERE, AUTOMATIC RESET) (RUNNING LIGHTS)	
		2	**6V-8376**	2	SCREW-MACHINE (8-32X0.25-IN)	
		2	**9B-7233**	2	LOCKWASHER	
	38	4	**4B-1240**	4	SCREW-MACHINE (10-32X1-IN)	
	39	2,3,4	**4B-4863**	9	WASHER (4.7X11X1.2-MM THK)	
	40	4	**4P-7581**	1	CLIP (LADDER)	
	41	4	**4P-8134**	1	CLIP (LADDER)	
	42	4	**6T-3642**	1	CIRCUIT BREAKER AS (10-AMPERE) (KEY SWITCH)	
		4	**6V-8376**	2	SCREW-MACHINE (8-32X0.25-IN)	
		4	**9B-7233**	2	LOCKWASHER	
	43	4	**6T-3643**	1	CIRCUIT BREAKER AS (15-AMPERE) (ENGINE ECM)	
		4	**6V-8376**	2	SCREW-MACHINE (8-32X0.25-IN)	
		4	**9B-7233**	2	LOCKWASHER	
M	44	2	**6V-3938**	2	BOLT (M10X1.5X20-MM)	
	45	3	**6V-5645**	4	SCREW-MACHINE (10-32X0.87-IN)	
	46	4	**7F-0560**	2	WASHER (0.516X0.938X0.101-IN THK)	
M	47	4	**7X-0818**	4	BOLT (M8X1.25X45-MM)	
	48	1,3	**7X-7729**	9	WASHER (11X25X3-MM THK)	
M	49	1	**8C-6364**	4	BOLT-SOCKET HEAD (M5X0.8X14-MM)	
	50	1	**8T-0328**	4	WASHER-HARD (5.5X10X1-MM THK)	
	51	2,4	**8T-4121**	4	WASHER-HARD (11X21X2.5-MM THK)	
M	52	1	**8T-4133**	1	NUT (M10X1.5-THD)	
M	53	3,4	**8T-4136**	5	BOLT (M10X1.5X25-MM)	
M	54	1	**8T-4138**	4	BOLT (M6X1X20-MM)	
M	55	1	**8T-4195**	4	BOLT (M10X1.5X30-MM)	
M	56	2	**8T-4198**	1	BOLT (M10X1.5X100-MM)	
	57	4	**8T-4223**	2	WASHER-HARD (13.5X25.5X3-MM THK)	
M	58	4	**8T-4192**	2	BOLT (M12X1.75X25-MM)	
	59	4	**9N-0869**	4	WASHER-HARD (8.8X25.5X2-MM THK)	
M	60	2,3	**9X-2042**	15	SCREW-TRUSS HEAD (M6X1X12-MM)	
M	61	2	**9X-2044**	2	SCREW-TRUSS HEAD (M6X1X16-MM)	
	62	1	**9X-8256**	4	WASHER (6.6X12X2-MM THK)	

267-3063 **WIRING GP-ELECTRONICS BAY (**contd.**)** **i05785738**

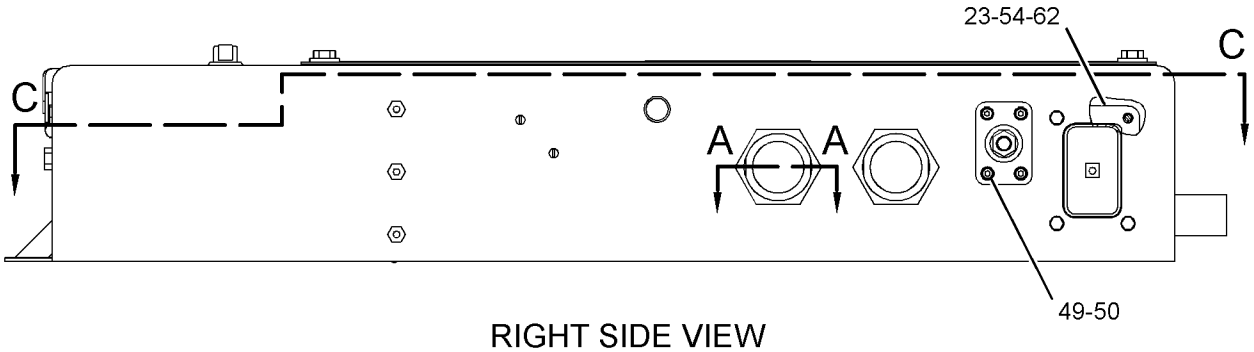
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	63	3	**9Y-8079**	1	SPACER (13.88X21.34X84-MM THK)	
E	64	3	**103-2543**		SEAL (3-CM)	
E	65	1	**126-8472**		SEAL (115-CM)	
E	66	1	**177-4122**		SEAL (219-CM)	

E - ORDER BY THE CENTIMETER
M - METRIC PART
R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

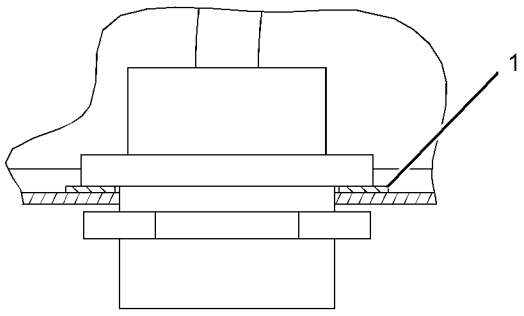
267-3063 **WIRING GP-ELECTRONICS BAY (**contd.**)** **i05785738**



TOP VIEW



RIGHT SIDE VIEW

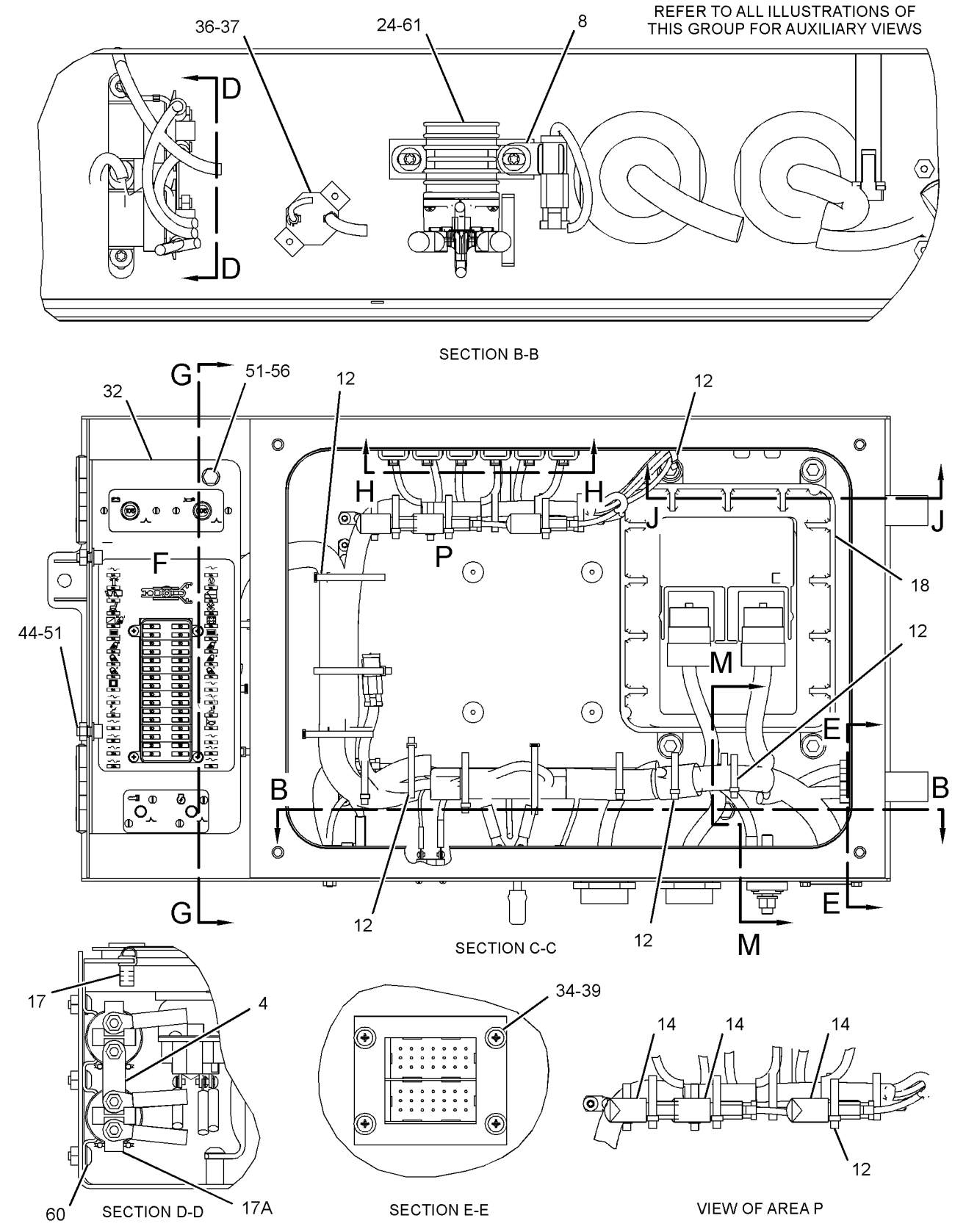


SECTION A-A

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

GRAPHIC #1 g01213363

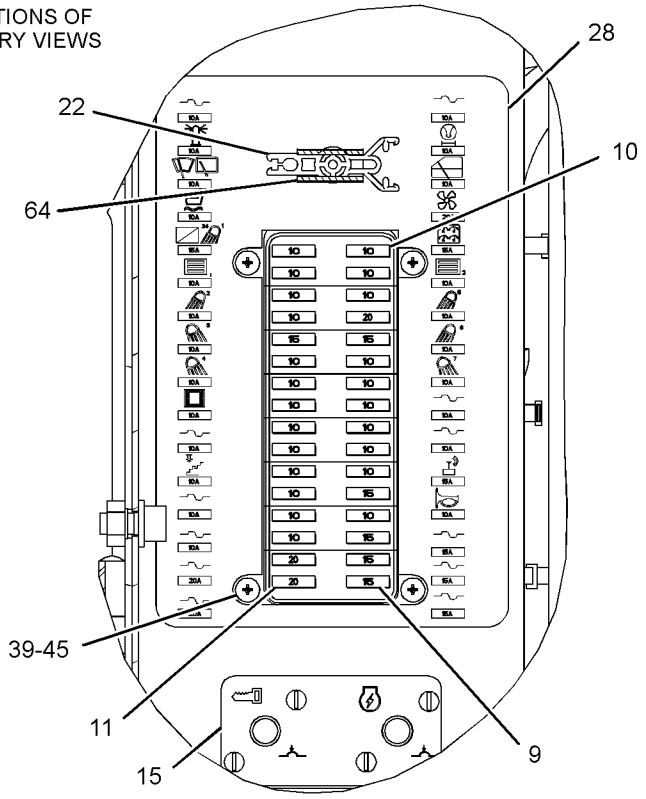
267-3063 **WIRING GP-ELECTRONICS BAY (**contd.**)** **i05785738**



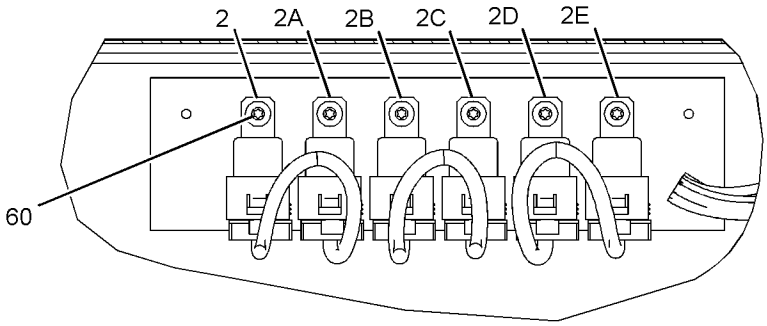
GRAPHIC #2 g01213364

267-3063 **WIRING GP-ELECTRONICS BAY (**contd.**)** **i05785738**

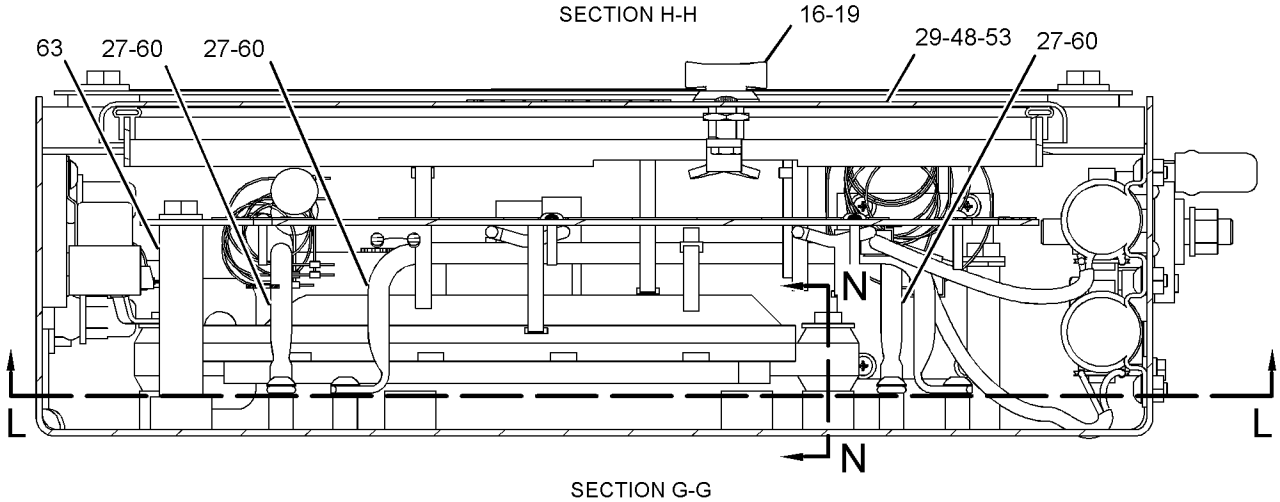
REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



VIEW OF AREA F



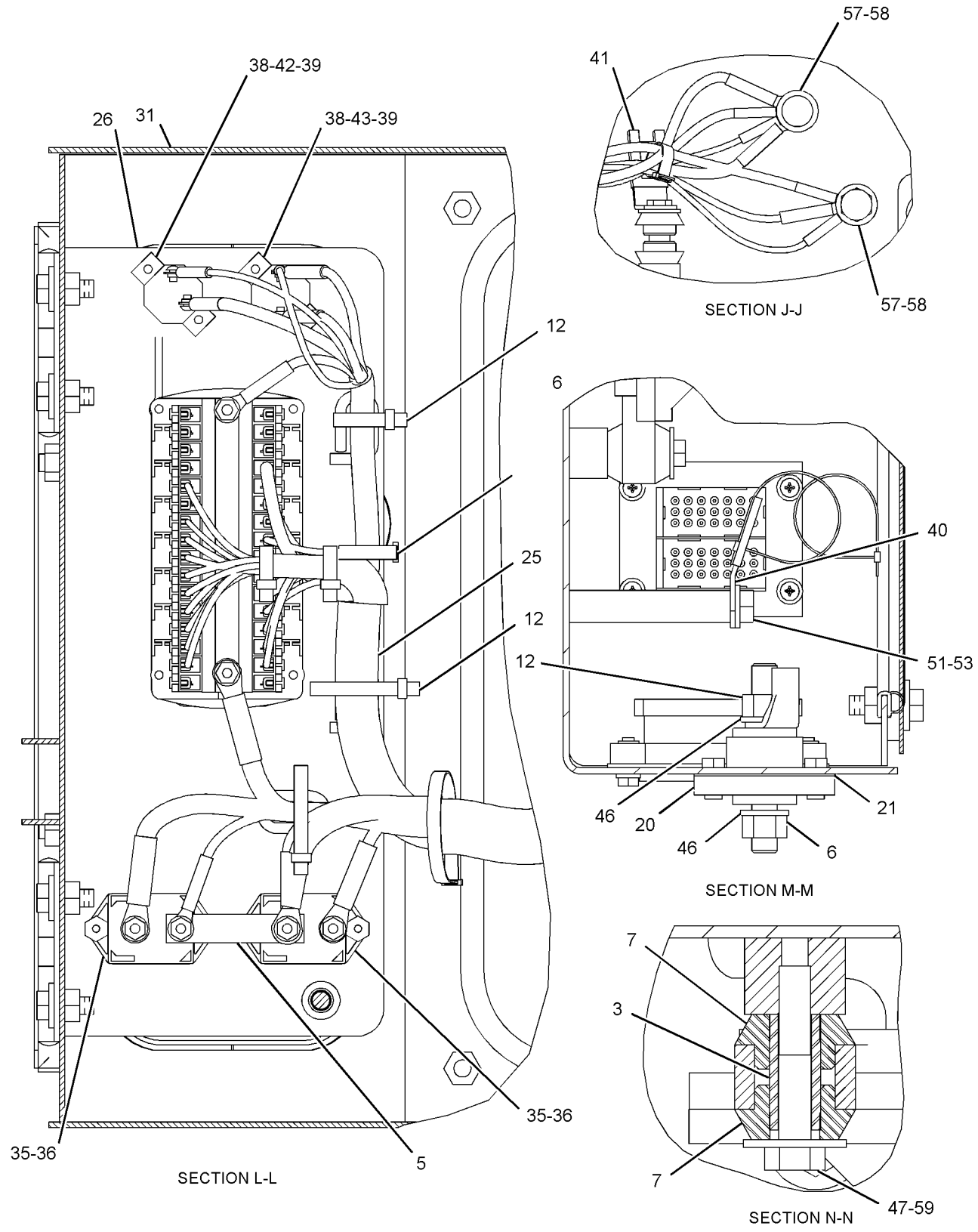
SECTION H-H



SECTION G-G

GRAPHIC #3 g01955122

267-3063 **WIRING GP-ELECTRONICS BAY (**contd.**)** **i05785738**



GRAPHIC #4 <END> g01955125

286-3211 WIRING GP-ELECTRONICS BAY

S/N: BTW1-255

PART OF 286-3215 WIRING GP-RELAY PANEL

SMCS-1408, 7610, 7620 **i05785843**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3D-2435**	2	GASKET	
	2	3	**3E-5239**	1	RELAY AS (24-VOLT) (INSTRUMENT PANEL BACKLIGHTS)	
	2A	3	**3E-5239**	1	RELAY AS (24-VOLT) (HORN)	
	2B	3	**3E-5239**	1	RELAY AS (24-VOLT) (AIR CONDITIONER PRECLEANER)	
	2C	3	**3E-5239**	1	RELAY AS (24-VOLT) (ROPS HID FLOODLIGHTS)	
	2D	3	**3E-5239**	1	RELAY AS (24-VOLT) (FENDER HID FLOODLIGHTS)	
	2E	3	**3E-5239**	1	RELAY AS (24-VOLT) (FENDER FLOODLIGHTS)	
	3	4	**6I-1418**	4	SPACER (8.2X12.7X28.7-MM THK)	
	4	2	**7I-3652**	1	STRIP	
	5	4	**7V-9275**	1	STRAP	
	6	4	**8T-3518**	2	NUT-FULL (1/2-13-THD)	
	7	4	**8T-9655**	8	MOUNT-ISOLATION	
	8	2	**9U-2277**	1	CLIP AS	
	9	3	**9W-1441**	6	FUSE (15-AMPERE)	
	10	3	**9W-1442**	23	FUSE (10-AMPERE)	
	11	3	**9W-1446**	3	FUSE (20-AMPERE)	
	12	2,4	**9X-6772**	38	STRAP-CABLE	
	13	1	**102-1529**	2	FILM-INSTRUCTION (ELECTRICAL DISCONNECT)	
	14	2	**106-8704**	3	SUPPRESSOR AS-ARC	
		2	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		2	**3E-3365**	1	WEDGE-RECEPTACLE LOCK (2-PIN)	
		2	**186-3735**	1	PIN-CONNECTOR (16-GA TO 18-GA)	
	15	3	**115-9346**	1	PLATE-IDENTIFICATION (CIRCUIT BREAKER)	
	16	3	**118-9587**	1	CAM-LATCH	
Y	17	2	**125-1302**	1	SWITCH GP-MAGNETIC (24-VOLT) (START RELAY, SECONDARY)	532
Y	17A	2	**125-1302**	1	SWITCH GP-MAGNETIC (24-VOLT) (START RELAY, PRIMARY)	532
YR	18	2	**172-9389**	1	CONTROL GP-UNPROGRAMMED (POWER TRAIN)	373
	19	3	**174-6381**	1	LATCH AS	
	20	4	**187-8674**	1	BLOCK AS-JUNCTION	
	21	4	**187-8675**	1	GASKET	
	22	3	**202-4327**	1	PULLER-FUSE	
	23	1	**234-5925**	1	GASKET	
Y	24	2	**241-8368**	1	SWITCH GP-MAGNETIC (24-VOLT) (MAIN RELAY)	533
	25	4	**267-3064**	1	HARNESS AS-PANEL	
		4	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
		4	**102-8801**	1	KIT-RECEPTACLE (12-PIN)	
					(EACH KIT RECEPTACLE INCLUDES RECEPTACLE AS & WEDGE)	
		4	**3E-5519**	2	PLUG AS-CONNECTOR (5-PIN)	
		4	**110-6846**	1	PLUG AS-CONNECTOR (40-PIN)	
		4	**1U-9053**	1	CAPSULE-LUBRICANT	
		4	**110-6844**	1	SEAL	
		4	**3T-3410**	1	RECEPTACLE AS-CONNECTOR (37-PIN)	
		4	**8N-1522**	1	NUT (2-1/4-16-THD)	
		4	**8N-1517**	1	RECEPTACLE AS-CONNECTOR (25-PIN)	

286-3211 **WIRING GP-ELECTRONICS BAY (**contd.**)** **i05785843**

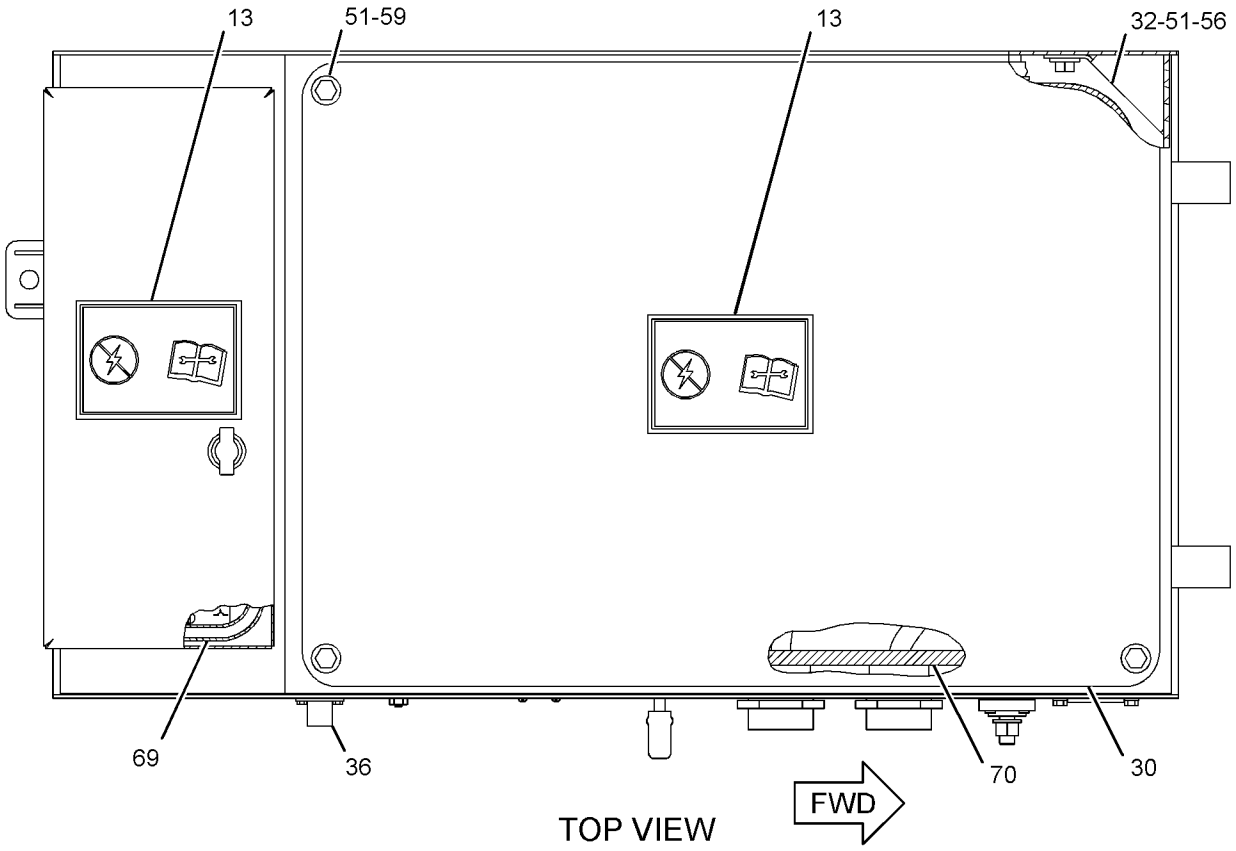
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		4	**8N-1522**	1	NUT (2-1/4-16-THD)	
		4	**9X-1054**	4	PLUG AS-CONNECTOR (4-PIN)	
		4	**9X-6772**	15	STRAP-CABLE	
		4	**110-6848**	1	PLUG AS-CONNECTOR (40-PIN)	
		4	**1U-9053**	1	CAPSULE-LUBRICANT	
		4	**110-6844**	1	SEAL	
		4	**155-2255**	1	KIT-CONNECTING PLUG (12-PIN)	
		4	**155-2270**	5	KIT-CONNECTING PLUG (2-PIN)	
					(EACH KIT PLUG INCLUDES PLUG AS & WEDGE)	
		4	**188-6253**	1	BLOCK GP-JUNCTION	
		4	**1H-3244**	2	LOCKWASHER	
		4	**6V-8185**	2	NUT (1/4-20-THD)	
		4	**8T-4205**	2	WASHER-HARD (7.2X14.5X2-MM THK)	
		4	**151-1398**	3	KIT-TERMINAL (LOCK)	
		4	**200-8789**	1	SEAL	
		4	**214-4208**	1	RECEPTACLE AS-CONNECTOR (70-PIN)	
	26	4	**267-8478**	1	PLATE AS	
		4	**7T-1099**	3	LINK	
	27	3	**269-7583**	3	TUBE	
	28	3	**269-8306**	1	FILM-IDENTIFICATION (FUSE PANEL)	
	29	3	**269-9156**	1	DOOR AS-ACCESS	
		3	**8R-2566**	2	HINGE	
	30	1	**269-9173**	1	COVER	
	31	2	**270-3258**	1	FILM-IDENTIFICATION (BATTERY POWER DISCONNECT)	
	32	1	**278-7109**	1	COVER	
	33	4	**286-3213**	1	ENCLOSURE GP-ELECTRONICS BAY	
		4	**269-9215**	1	ENCLOSURE GP-ELECTRONICS BAY	
M		4	**4E-8266**	4	BOSS (M6X1X19-MM)	
M		4	**6V-9632**	3	NUT-WELD (M6X1-THD)	
M		4	**8T-3490**	10	NUT-WELD (M10X1.5-THD)	
M		4	**8T-3635**	2	STUD-WELD (M12X1.75X34.93-MM)	
		4	**8T-4897**	4	WASHER (10.2X35X6-MM THK)	
M		4	**8T-4967**	1	STUD-WELD (M10X1.5X23-MM)	
M		4	**8T-8874**	4	NUT-WELD (M5X0.8-THD)	
M		4	**8X-4245**	6	BOSS (M6X1X18-MM)	
M		4	**8X-5147**	1	BLOCK (M10X1.5-MM)	
M		4	**9R-9282**	1	BOSS (M10X1.5-THD)	
		4	**110-2570**	3	CAP	
Y	34	2	**286-3214**	1	HARNESS AS-PANEL (HYDRAULIC FAN VALVE SIGNAL)	383
	35	2	**107-3727**	4	SCREW-PAN HEAD	
	36	1	**140-7684**	1	RECEPTACLE AS-CONNECTOR (3-PIN)	
M	37	1	**170-5632**	4	BOLT (M4X0.7X16-MM)	
	38	4	**171-2212**	2	CIRCUIT BREAKER AS (105-AMPERE) (MAIN)	
					(EACH INCLUDES)	
		4	**6V-8187**	2	NUT (1/4-28-THD)	
		4	**8T-4205**	2	WASHER-HARD (7.2X14.5X2-MM THK)	
		4	**253-2111**	2	LOCKWASHER	
	39	2,4	**3D-9799**	6	SCREW-MACHINE (8-32X0.875-IN)	
	40	2	**3T-2662**	1	CIRCUIT BREAKER AS (15-AMPERE, AUTOMATIC RESET) (RUNNING LIGHTS)	
		2	**6V-8376**	2	SCREW-MACHINE (8-32X0.25-IN)	

286-3211 **WIRING GP-ELECTRONICS BAY (**contd.**)** **i05785843**

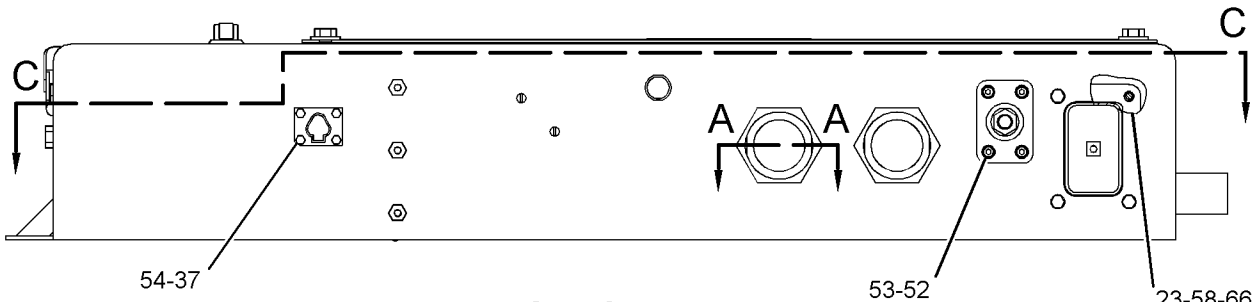
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		2	**9B-7233**	2	LOCKWASHER	
	41	4	**4B-1240**	4	SCREW-MACHINE (10-32X1-IN)	
	42	2	**4B-4274**	4	WASHER (5.5X13X1.2-MM THK)	
	43	4	**4P-7581**	1	CLIP (LADDER)	
	44	4	**4P-8134**	1	CLIP (LADDER)	
	45	4	**6T-3642**	1	CIRCUIT BREAKER AS (10-AMPERE) (KEY SWITCH)	
		4	**6V-8376**	2	SCREW-MACHINE (8-32X0.25-IN)	
		4	**9B-7233**	2	LOCKWASHER	
	46	4	**6T-3643**	1	CIRCUIT BREAKER AS (15-AMPERE) (ENGINE ECM)	
		4	**6V-8376**	2	SCREW-MACHINE (8-32X0.25-IN)	
		4	**9B-7233**	2	LOCKWASHER	
M	47	2	**6V-3938**	2	BOLT (M10X1.5X20-MM)	
	48	3	**6V-5645**	4	SCREW-MACHINE (10-32X0.87-IN)	
	49	4	**7F-0560**	2	WASHER (0.516X0.938X0.101-IN THK)	
M	50	4	**7X-0818**	4	BOLT (M8X1.25X45-MM)	
	51	1,3,4	**7X-7729**	9	WASHER (11X25X3-MM THK)	
M	52	1	**8C-6364**	4	BOLT-SOCKET HEAD (M5X0.8X14-MM)	
	53	1,4	**8T-0328**	4	WASHER-HARD (5.5X10X1-MM THK)	
M	54	1	**8T-2659**		LOCKNUT (M4X0.7-THD)	
	55	2	**8T-4121**	4	WASHER-HARD (11X21X2.5-MM THK)	
M	56	1	**8T-4133**	1	NUT (M10X1.5-THD)	
M	57	3	**8T-4136**	5	BOLT (M10X1.5X25-MM)	
M	58	1	**8T-4138**	4	BOLT (M6X1X20-MM)	
M	59	1	**8T-4195**	4	BOLT (M10X1.5X30-MM)	
M	60	2	**8T-4198**	1	BOLT (M10X1.5X100-MM)	
	61	4	**8T-4223**	2	WASHER-HARD (13.5X25.5X3-MM THK)	
M	62	4	**8T-4244**	2	NUT (M12X1.75-THD)	
	63	4	**9N-0869**	4	WASHER-HARD (8.8X25.5X2-MM THK)	
M	64	2,3	**9X-2042**	15	SCREW-TRUSS HEAD (M6X1X12-MM)	
M	65	2	**9X-2044**	2	SCREW-TRUSS HEAD (M6X1X16-MM)	
	66	1	**9X-8256**	4	WASHER (6.6X12X2-MM THK)	
	67	3	**9Y-8079**	1	SPACER (13.88X21.34X84-MM THK)	
E	68	3	**103-2543**		SEAL (3-CM)	
E	69	1	**126-8472**		SEAL (115-CM)	
E	70	1	**177-4122**		SEAL (219-CM)	

E - ORDER BY THE CENTIMETER
M - METRIC PART
R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

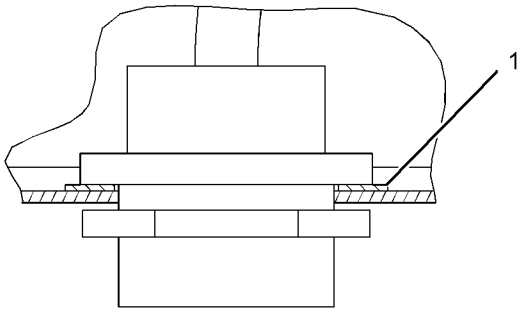
286-3211 **WIRING GP-ELECTRONICS BAY (**contd.**)** **i05785843**



TOP VIEW



RIGHT SIDE VIEW

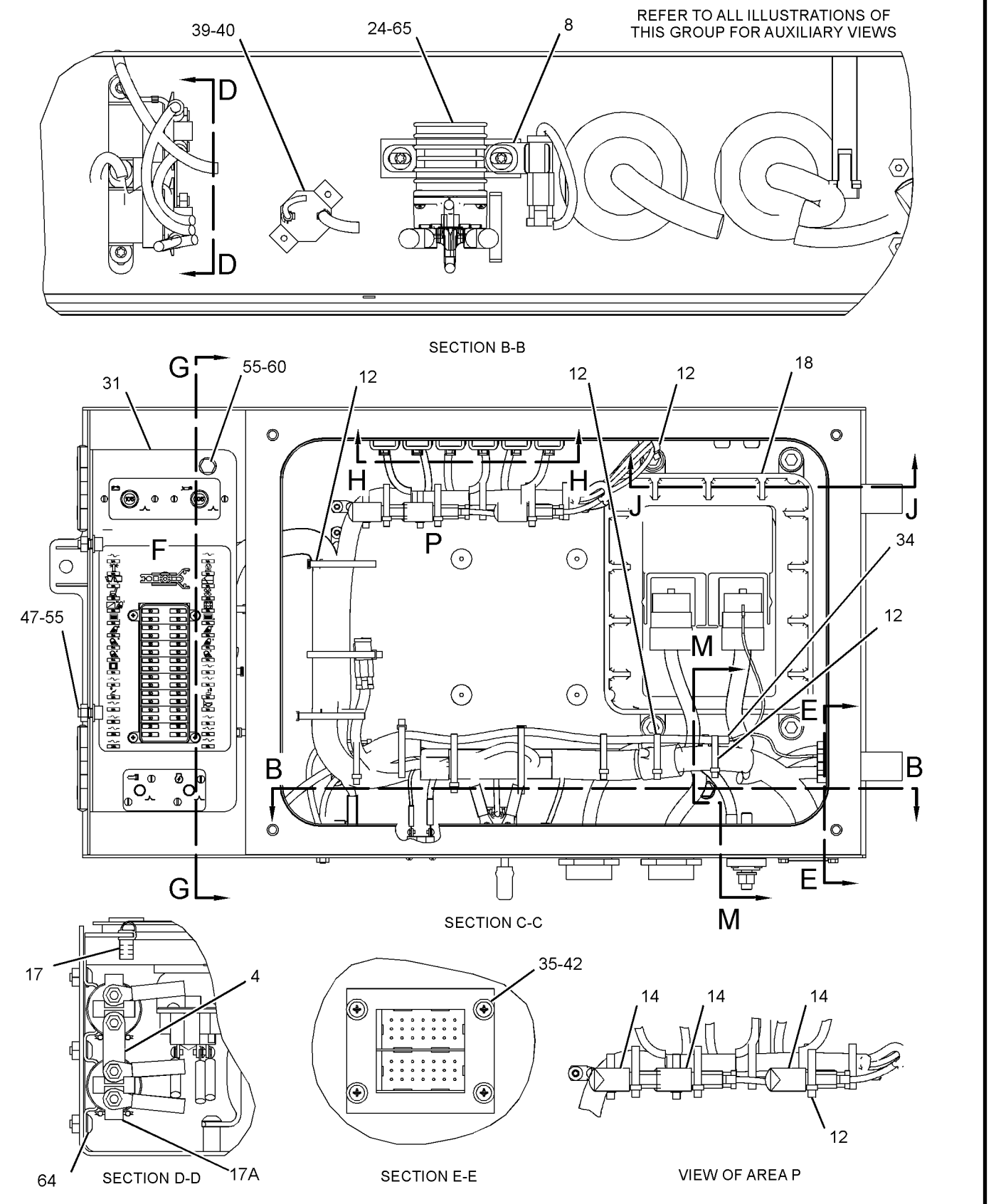


SECTION A-A

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

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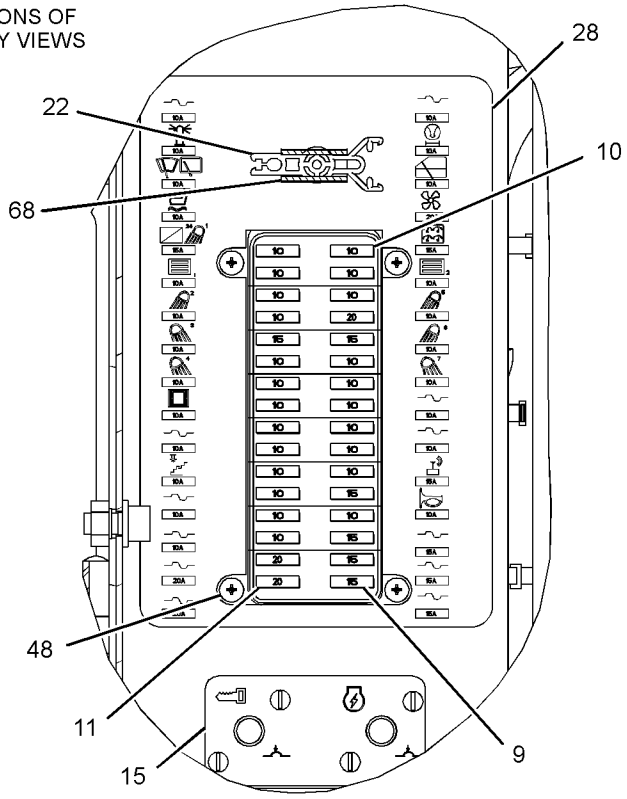
286-3211 **WIRING GP-ELECTRONICS BAY (**contd.**)** **i05785843**



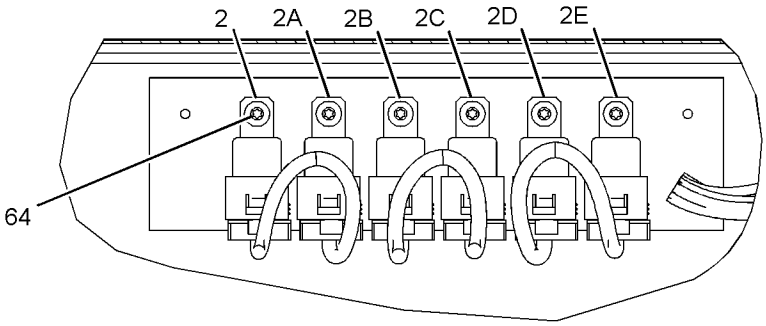
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286-3211 **WIRING GP-ELECTRONICS BAY (**contd.**)** **i05785843**

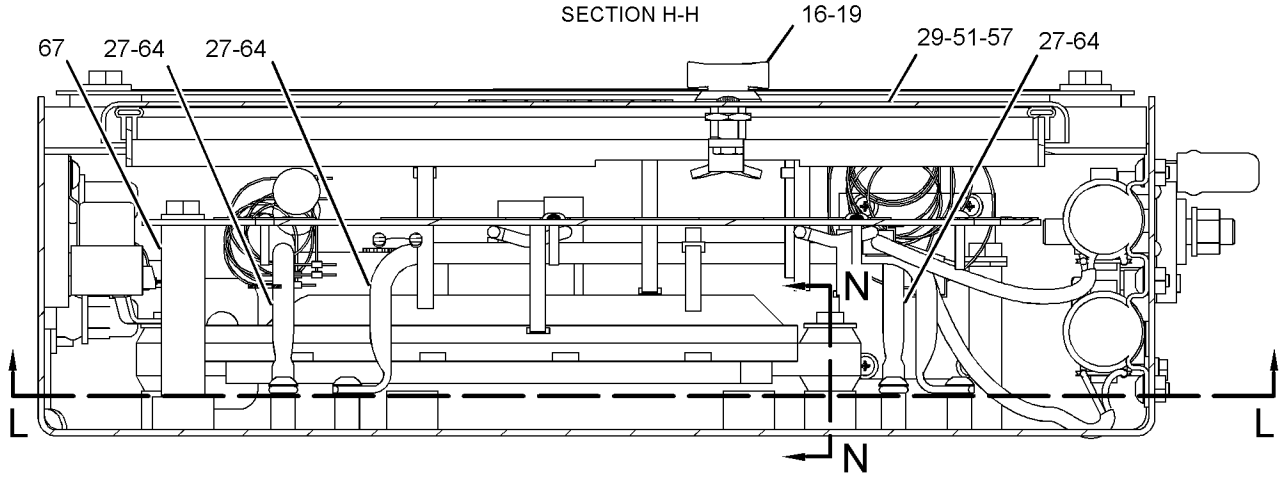
REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



VIEW OF AREA F



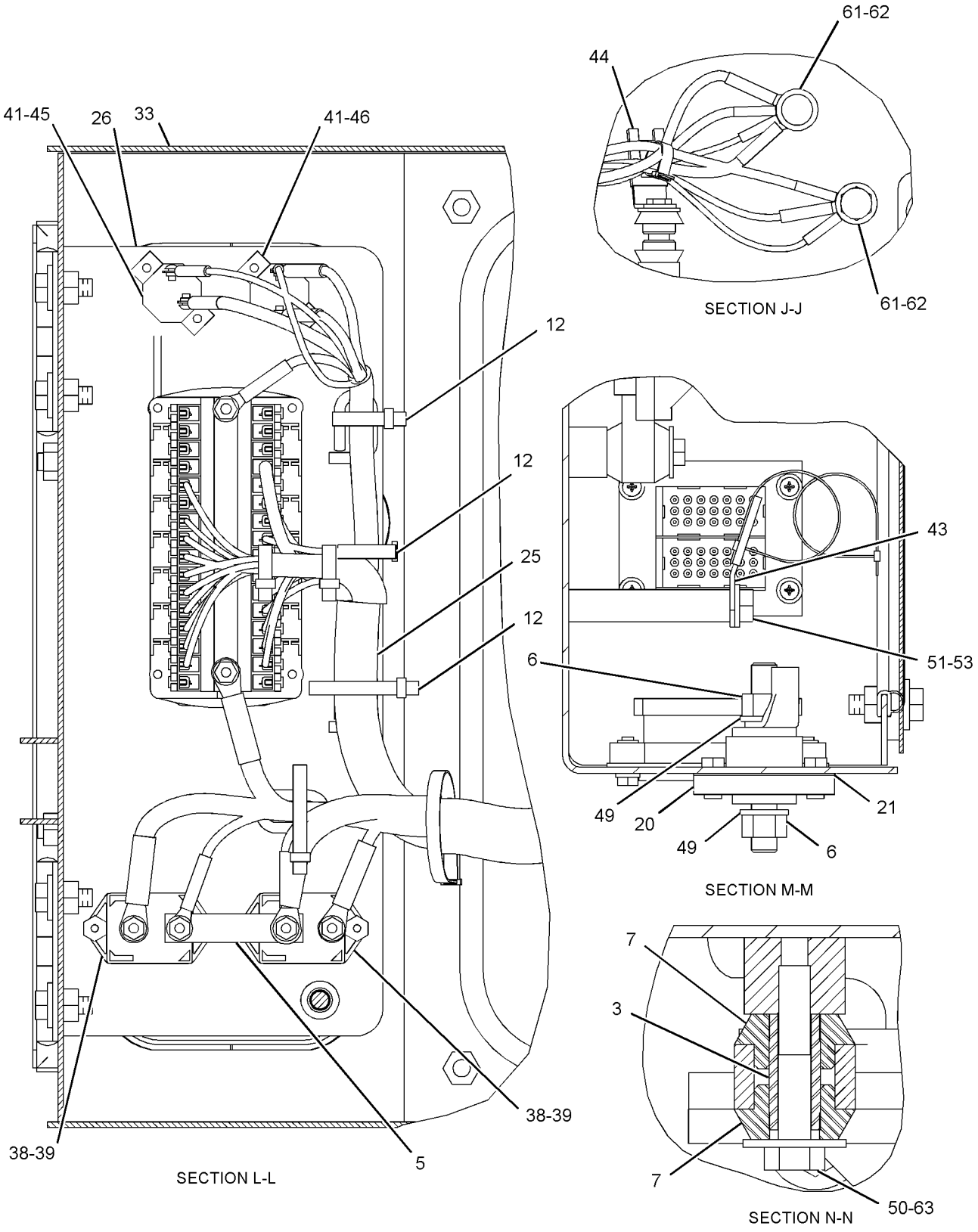
SECTION H-H



SECTION G-G

GRAPHIC #3 g01342657

286-3211 **WIRING GP-ELECTRONICS BAY (**contd.**)** **i05785843**



GRAPHIC #4 <END> g01342684

286-3211 WIRING GP-ELECTRONICS BAY

S/N: BTW256-UP

PART OF 286-3215 WIRING GP-RELAY PANEL

SMCS-1408, 7610, 7620

i05785777

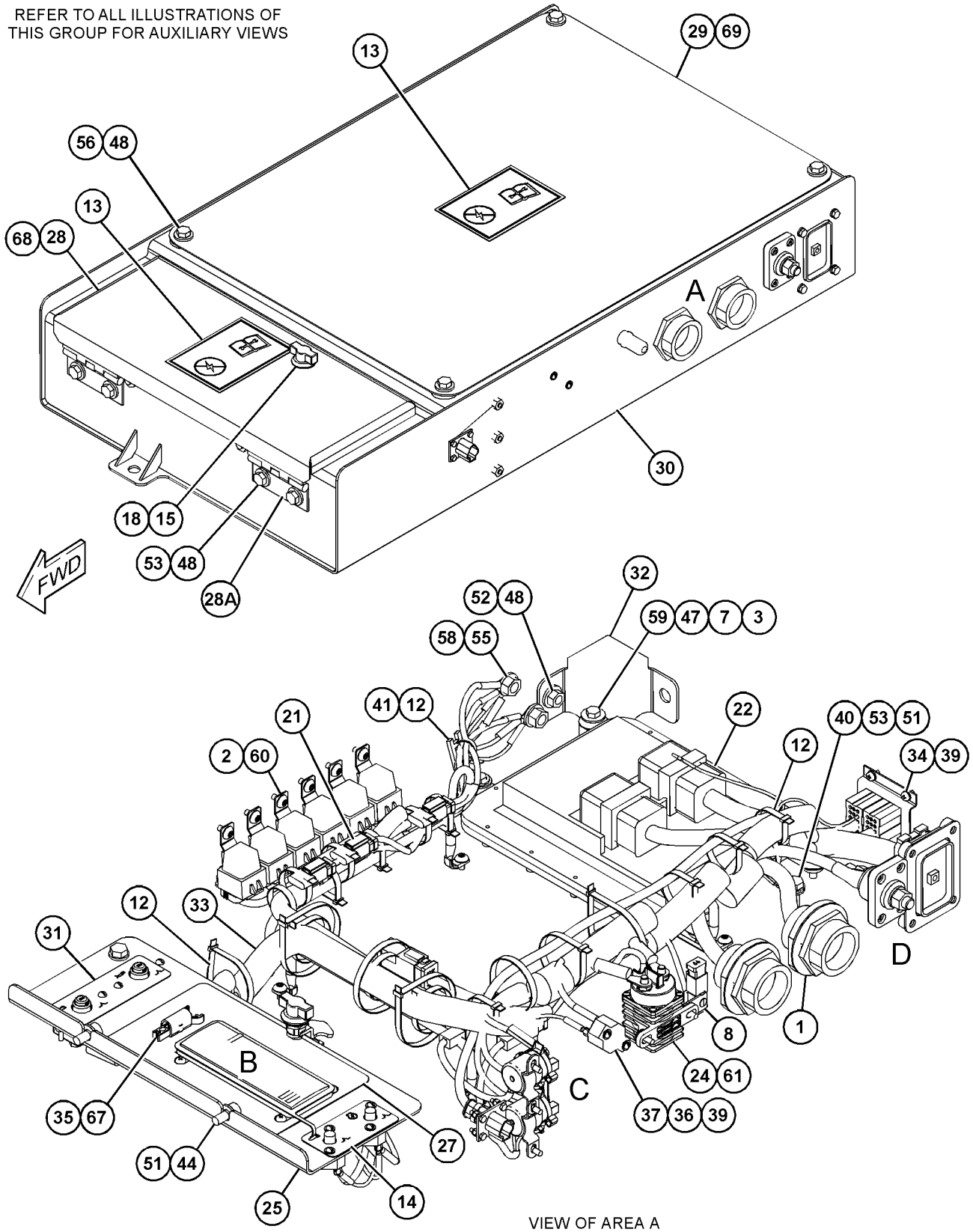
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3D-2435**	2	GASKET	
	2	1	**3E-5239**	6	RELAY AS (24-VOLT)	
	3	1	**6I-1418**	4	SPACER (8.2X12.7X28.7-MM THK)	
	4	2	**7I-3652**	1	STRIP	
	5	2	**7V-9275**	1	STRAP	
C	6	2	**6V-8188**	2	NUT (1/2-13-THD)	
	7	1	**8T-9655**	8	MOUNT-ISOLATION (POWER TRAIN)	
	8	1	**9U-2277**	1	CLIP AS	
	9	2	**9W-1441**	6	FUSE (15-AMPERE)	
	10	2	**9W-1442**	23	FUSE (10-AMPERE)	
	11	2	**9W-1446**	3	FUSE (20-AMPERE)	
C	12	1,2	**9X-6772**	31	STRAP-CABLE	
	13	1	**102-1529**	2	FILM-INSTRUCTION (ELECTRICAL DISCONNECT)	
	14	1	**115-9346**	1	PLATE-IDENTIFICATION (CIRCUIT BREAKER)	
	15	1	**118-9587**	1	CAM-LATCH	
Y	16	2	**125-1302**	1	SWITCH GP-MAGNETIC (24-VOLT) (START RELAY, SECONDARY)	532
Y	16A	2	**125-1302**	1	SWITCH GP-MAGNETIC (24-VOLT) (START RELAY, PRIMARY)	532
	17	2	**171-2212**	2	CIRCUIT BREAKER AS (105-AMPERE)	
					(EACH INCLUDES)	
		1	**8T-0122**	2	NUT-FULL (1/4-28-THD)	
		1	**1H-3244**	2	LOCKWASHER	
		1	**4E-5724**	2	WASHER (7X12X1-MM THK)	
	18	1	**174-6381**	1	LATCH AS	
	19	2	**187-8674**	1	BLOCK AS-JUNCTION	
	20	2	**187-8675**	1	GASKET	
C	21	1	**189-3158**	3	SUPPRESSOR-ARC	
YR	22	1	**172-9389**	1	CONTROL GP-UNPROGRAMMED (POWER TRAIN)	373
	23	2	**234-5925**	1	GASKET	
Y	24	1	**241-8368**	1	SWITCH GP-MAGNETIC (24-VOLT)	533
	25	1	**267-8478**	1	PLATE AS	
	26	2	**269-7583**	3	TUBE	
	27	1	**269-8306**	1	FILM-IDENTIFICATION (FUSE PANEL)	
	28	1	**269-9156**	1	DOOR AS-ACCESS	
	28A	1	**8R-2566**	2	HINGE	
	29	1	**269-9173**	1	COVER	
Y	30	1	**286-3213**	1	ENCLOSURE GP-ELECTRONICS BAY	380
	31	1	**270-3258**	1	FILM-IDENTIFICATION (BATTERY POWER DISCONNECT)	
	32	1	**278-7109**	1	COVER	
CY	33	1	**331-5017**	1	HARNESS AS-PANEL (MAIN)	384
	34	1	**107-3727**	4	SCREW-PAN HEAD	
	35	1	**202-4327**	1	PULLER-FUSE	
	36	1,2	**3D-9799**	6	SCREW-MACHINE (8-32X0.875-IN)	
	37	1	**3T-2662**	1	CIRCUIT BREAKER AS (15-AMPERE, AUTOMATIC RESET)	
		1	**6V-8376**	2	SCREW-MACHINE (8-32X0.25-IN)	
		1	**9B-7233**	2	LOCKWASHER	
	38	2	**4B-1240**	4	SCREW-MACHINE (10-32X1-IN)	

286-3211 **WIRING GP-ELECTRONICS BAY (**contd.**)** **i05785777**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	39	1,2	**4B-4863**	10	WASHER (4.7X11X1.2-MM THK)	
	40	1	**4P-7581**	1	CLIP (LADDER)	
	41	1	**4P-8134**	1	CLIP (LADDER)	
	42	2	**6T-3642**	1	CIRCUIT BREAKER AS (10-AMPERE)	
	43	2	**6T-3643**	1	CIRCUIT BREAKER AS (15-AMPERE)	
					(EACH CIRCUIT BREAKER AS INCLUDES)	
		2	**6V-8376**	2	SCREW-MACHINE (8-32X0.25-IN)	
		2	**9B-7233**	2	LOCKWASHER	
M	44	1	**6V-3938**	2	BOLT (M10X1.5X20-MM)	
	45	2	**6V-5645**	4	SCREW-MACHINE (10-32X0.87-IN)	
	46	2	**7F-0560**	2	WASHER (0.516X0.938X0.101-IN THK)	
M	47	1	**7X-0818**	4	BOLT (M8X1.25X45-MM)	
	48	1	**7X-7729**	9	WASHER (11X25X3-MM THK)	
M	49	2	**8C-6364**	4	BOLT-SOCKET HEAD (M5X0.8X14-MM)	
	50	2	**8T-0328**	4	WASHER-HARD (5.5X10X1-MM THK)	
	51	1,2	**8T-4121**	4	WASHER-HARD (11X21X2.5-MM THK)	
M	52	1	**8T-4133**	1	NUT (M10X1.5-THD)	
M	53	1	**8T-4136**	5	BOLT (M10X1.5X25-MM)	
M	54	2	**8T-4138**	4	BOLT (M6X1X20-MM)	
M	55	1	**8T-4244**	2	NUT (M12X1.75-THD)	
M	56	1	**8T-4195**	4	BOLT (M10X1.5X30-MM)	
M	57	2	**8T-4198**	1	BOLT (M10X1.5X100-MM)	
	58	1	**8T-4223**	2	WASHER-HARD (13.5X25.5X3-MM THK)	
	59	1	**9N-0869**	4	WASHER-HARD (8.8X25.5X2-MM THK)	
M	60	1,2	**9X-2042**	15	SCREW-TRUSS HEAD (M6X1X12-MM)	
M	61	1	**9X-2044**	2	SCREW-TRUSS HEAD (M6X1X16-MM)	
	62	2	**9X-8256**	4	WASHER (6.6X12X2-MM THK)	
	63	2	**9Y-8079**	1	SPACER (13.88X21.34X84-MM THK)	
Y	64	2	**286-3214**	1	HARNESS AS-PANEL (HYDRAULIC FAN VALVE SIGNAL)	383
M	65	2	**170-5632**	4	BOLT (M4X0.7X16-MM)	
M	66	2	**8T-2659**	4	LOCKNUT (M4X0.7-THD)	
E	67	1	**103-2543**		SEAL (3-CM)	
E	68	1	**126-8472**		SEAL (115-CM)	
E	69	1	**177-4122**		SEAL (219-CM)	

C - CHANGE FROM PREVIOUS TYPE
E - ORDER BY THE CENTIMETER
M - METRIC PART
R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

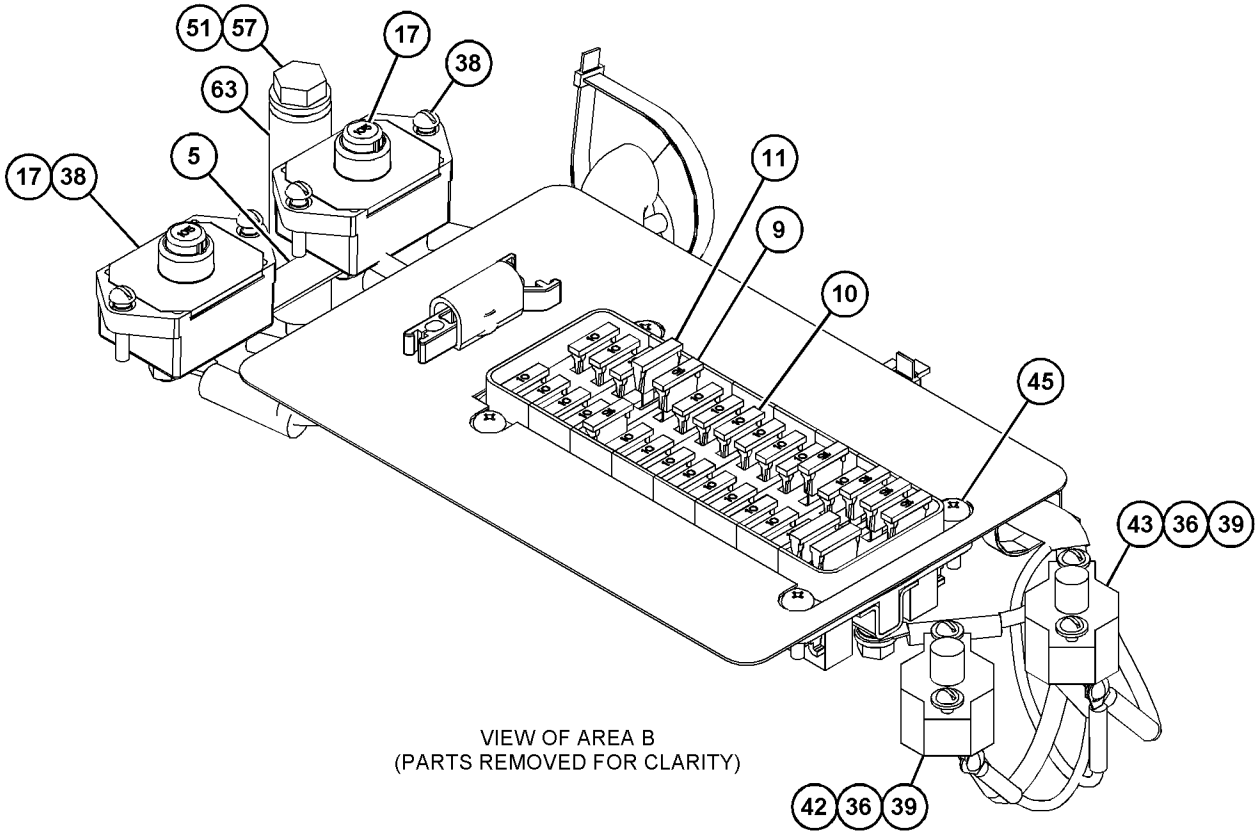
286-3211 **WIRING GP-ELECTRONICS BAY (**contd.**)** **i05785777**



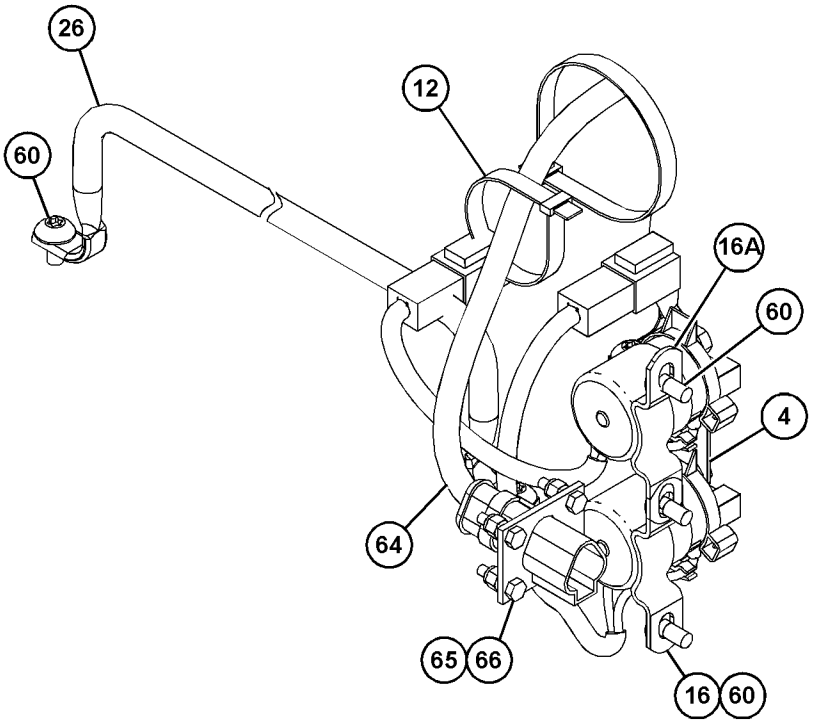
VIEW OF AREA A
(PARTS REMOVED FOR CLARITY)

GRAPHIC #1 g03785949

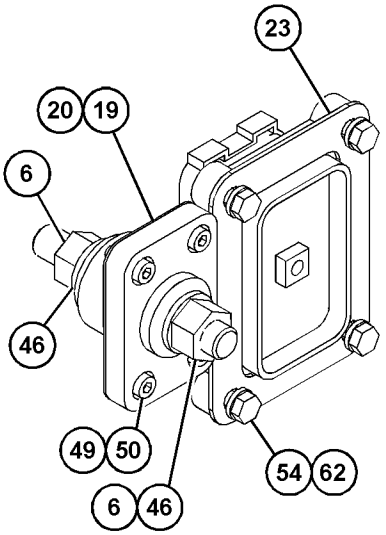
286-3211 **WIRING GP-ELECTRONICS BAY (**contd.**)** **i05785777**



VIEW OF AREA B
(PARTS REMOVED FOR CLARITY)



VIEW OF AREA C
(PARTS REMOVED FOR CLARITY)



VIEW OF AREA D
(PARTS REMOVED FOR CLARITY)

GRAPHIC #2 <END> g03785950

234-7879 WIRING GP-ENGINE

S/N: BTW1-153

PART OF 230-3276 ELECTRICAL AR

SMCS-1403, 1408 **i02470674**

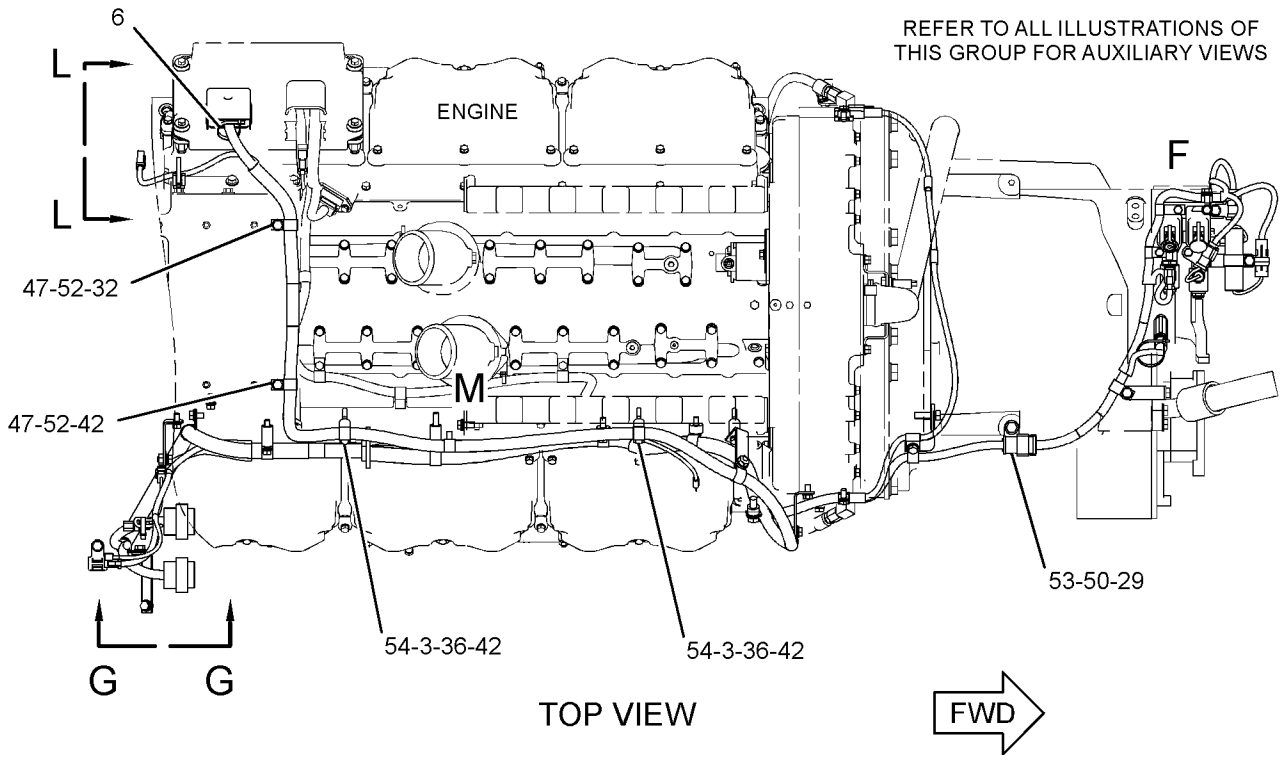
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	3	**6D-7889**	2	SEAL-O-RING	
	2	3	**6V-0852**	1	CAP-DUST	
	3	1	**6W-6672**	5	SPACER (10.5X20X38-MM THK)	
	4	1	**9X-3271**	1	ADAPTER (1/2-14-THD)	
	5	2	**9X-3495**	1	CLIP AS	
	6	1,2,3	**9X-6772**	7	STRAP-CABLE	
Y	7	2	**100-4311**	1	SENSOR GP-PRESSURE (TC IMPELLER CLUTCH OIL)	483
	8	2	**114-5333**	1	SWITCH AS-PRESSURE (HIGH, LOW)	
		2	**3E-3364**	1	RECEPTACLE (2-PIN)	
		2	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		2	**8T-8729**	2	PIN-CONNECTOR (16-GA TO 18-GA)	
	9	2	**116-4491**	1	BRACKET AS	
M		2	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
Y	10	1	**118-7226**	1	SENSOR GP-TEMPERATURE (TORQUE CONVERTER OIL)	494
	11	2,3	**124-3019**	4	BRACKET AS	
					(EACH INCLUDES)	
M		2,3	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	12	1	**128-8678**	2	SPACER (10.5X25X15-MM THK)	
	13	1,2	**134-8297**	2	BRACKET AS	
					(EACH INCLUDES)	
M		1,2	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	14	2	**136-9699**	1	BRACKET AS	
	15	3	**142-1657**	1	BRACKET AS	
M		3	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	16	3	**144-0178**	1	SENSOR GP-SPEED (TORQUE CONVERTER OUTPUT)	
		3	**3E-6460**	1	RETAINER	
		3	**4B-4277**	1	WASHER (8.8X17.5X1.6-MM THK)	
		3	**8M-8997**	1	SEAL-O-RING	
	17	3	**160-0564**	1	BRACKET AS	
	18	3	**160-4989**	1	BRACKET AS	
	19	2	*173-7223*	1	ADAPTER AS	
		2	**3J-1907**	1	SEAL-O-RING	
		2	**3J-7354**	1	SEAL-O-RING	
		2	**9X-0261**	1	ADAPTER	
	20	1	**197-6453**	1	BRACKET AS	
Y	21	3	**216-5342**	1	VALVE GP-MODULATING (24-VOLT) (TC LOCKUP CLUTCH)	788
Y	22	3	**217-2708**	1	VALVE GP-MODULATING (24-VOLT) (TC IMPELLER CLUTCH)	789
	23	1	**225-9199**	1	SPACER (13.5X22X14-MM THK)	
	24	1	**269-2060**	1	HARNESS AS-CONTROL (TORQUE CONVERTER)	
		1	**155-2255**	1	KIT-CONNECTING PLUG (12-PIN)	
		1	**155-2260**	3	KIT-CONNECTING PLUG (3-PIN)	
		1	**155-2270**	1	KIT-CONNECTING PLUG (2-PIN)	
					(EACH KIT INCLUDES PLUG AS & WEDGE)	
	25	1	**279-0538**	1	HARNESS AS-ENGINE	
		1	**102-8801**	1	KIT-RECEPTACLE (12-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	

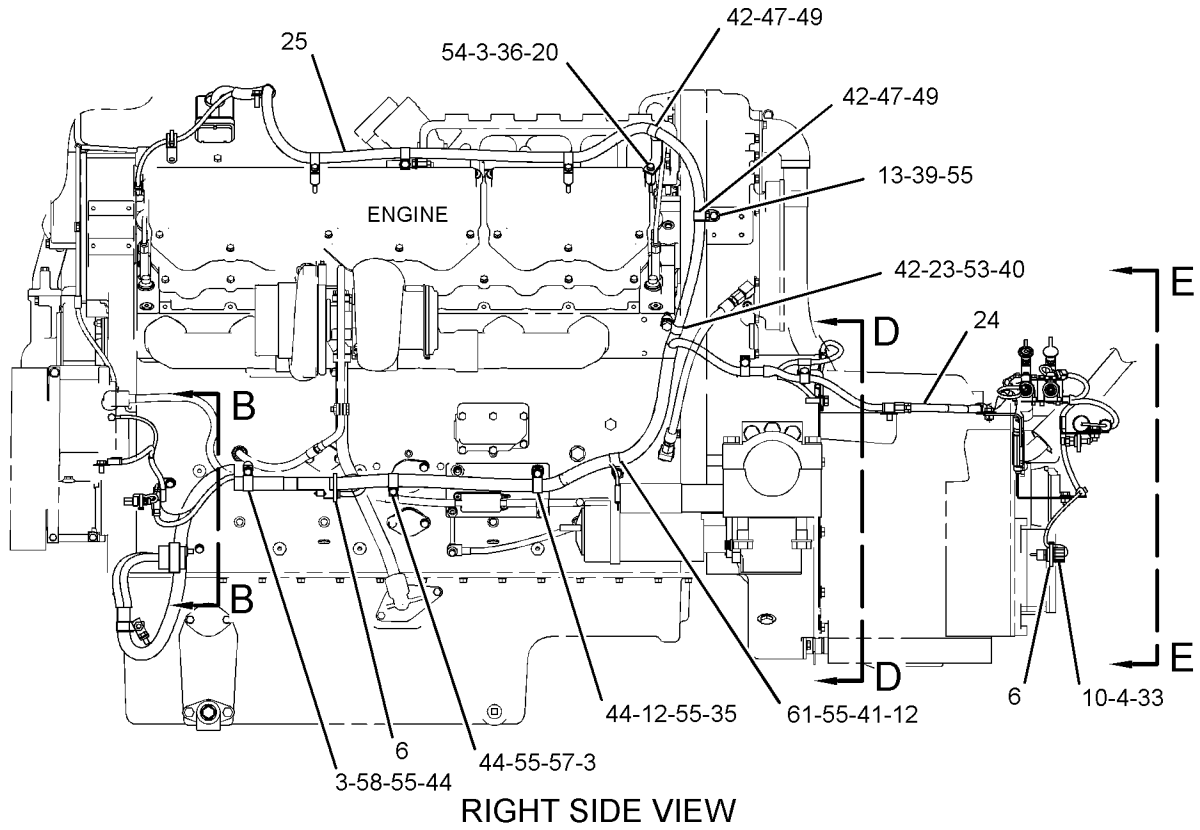
234-7879 **WIRING GP-ENGINE (**contd.**)** **i02470674**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		1	**8N-1514**	1	PLUG AS-CONNECTOR (37-PIN)	
		1	**8N-1518**	1	PLUG AS-CONNECTOR (25-PIN)	
		1	**8N-1521**	2	BELL AS-END	
		1	**9X-6772**	4	STRAP-CABLE	
		1	**127-5485**	1	PLUG AS-CONNECTOR (1-PIN)	
		1	**127-5486**	1	RECEPTACLE AS-CONNECTOR (1-PIN)	
		1	**155-2270**	4	KIT-CONNECTING PLUG (2-PIN)	
					(EACH KIT INCLUDES PLUG AS & WEDGE)	
		1	**160-7689**	1	PLUG AS-CONNECTOR (70-PIN)	
	26	2,3	**033-8248**	2	CLIP	
	27	2	**124-9633**	4	CLIP (SLOT)	
	28	2,3	**130-5300**	5	CLIP	
	29	1	**130-5301**	1	CLIP	
	30	3	**147-0385**	1	CLIP	
	31	3	*165-4931*	2	ELBOW AS	
					(EACH INCLUDES)	
		3	**3J-1907**	1	SEAL-O-RING	
		3	**6V-8077**	1	ELBOW	
	32	1	**1S-0994**	1	CLIP (LOOP)	
	33	1	**3J-1907**	1	SEAL-O-RING	
	34	3	**3K-0360**	1	SEAL-O-RING	
	35	1	**4L-9337**	1	BOLT (3/8-16X1.5-IN)	
	36	1	**4M-6424**	3	BOLT (5/16-18X3-IN)	
	37	3	**4P-8134**	1	CLIP (LADDER)	
	38	2	**4S-4455**	1	CLIP	
	39	1,2	**5M-3062**	3	BOLT (3/8-16X0.75-IN)	
	40	1	**5P-2566**	1	BOLT (1/2-13X1.5-IN)	
	41	1	**5S-7382**	1	BOLT (3/8-16X1.375-IN)	
	42	1,3	**6D-4246**	7	CLIP (LOOP)	
	43	3	**6V-2383**	1	CLIP	
	44	1	**7C-4354**	3	CLIP	
	45	3	**8C-3447**	1	CAP-DUST	
	46	3	**8M-2773**	1	CLIP (LOOP)	
	47	1,2,3	**8T-4121**	18	WASHER-HARD (11X21X2.5-MM THK)	
M	48	2,3	**8T-4136**	2	BOLT (M10X1.5X25-MM)	
M	49	1,2,3	**8T-4137**	13	BOLT (M10X1.5X20-MM)	
M	50	1	**8T-4179**	1	BOLT (M12X1.75X20-MM)	
M	51	2	**8T-4183**	1	BOLT (M12X1.75X40-MM)	
M	52	1,2	**8T-4195**	3	BOLT (M10X1.5X30-MM)	
	53	1	**8T-4223**	2	WASHER-HARD (13.5X25.5X3-MM THK)	
	54	1,2,3	**8T-4224**	7	WASHER-HARD (8.8X16X2-MM THK)	
	55	1,2	**8T-4896**	7	WASHER-HARD (10.2X18.5X2.5-MM THK)	
M	56	2,3	**8T-6869**	4	BOLT (M8X1.25X60-MM)	
	57	1	**8T-9101**	1	BOLT (3/8-16X2.75-IN)	
	58	1	**8T-9377**	1	BOLT (3/8-16X2.25-IN)	
	59	2	**9M-8406**	2	CLIP (LOOP)	
	60	2	**9X-7378**	1	SEAL-O-RING	
	61	1,2,3	**9X-8250**	3	CLIP	

M - METRIC PART
Y - SEPARATE ILLUSTRATION

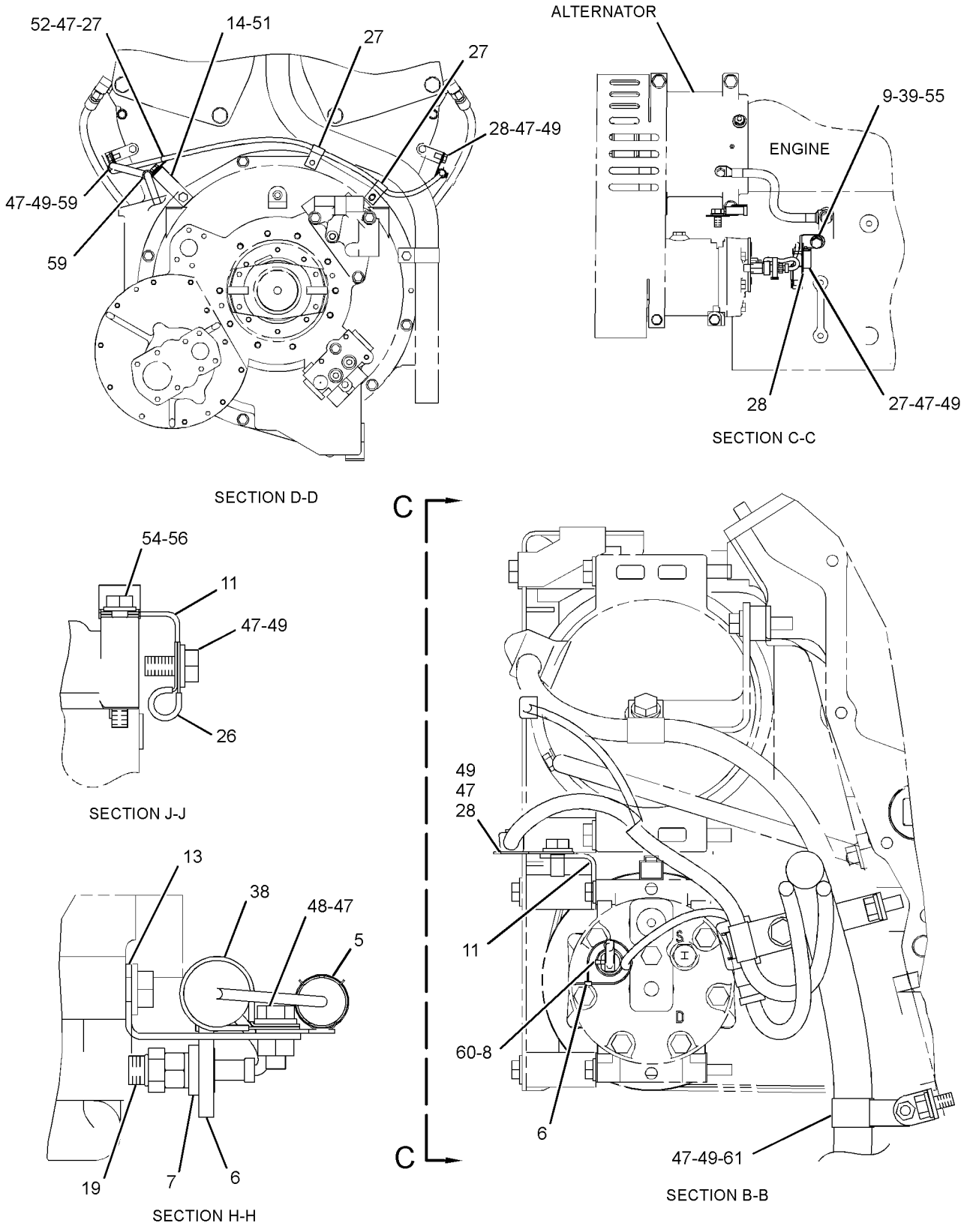
234-7879 **WIRING GP-ENGINE (**contd.**)** **i02470674**





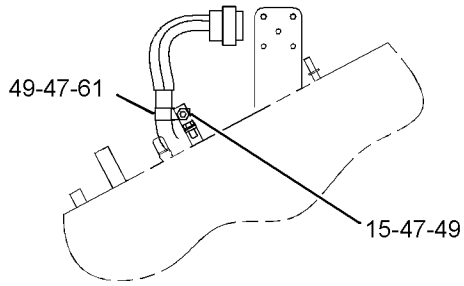
GRAPHIC #1 g01218630

234-7879 **WIRING GP-ENGINE (**contd.**)** **i02470674**

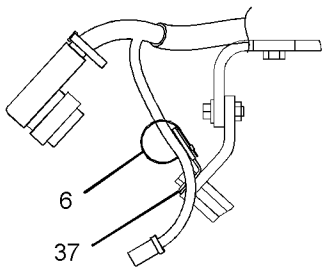


GRAPHIC #2 g01218631

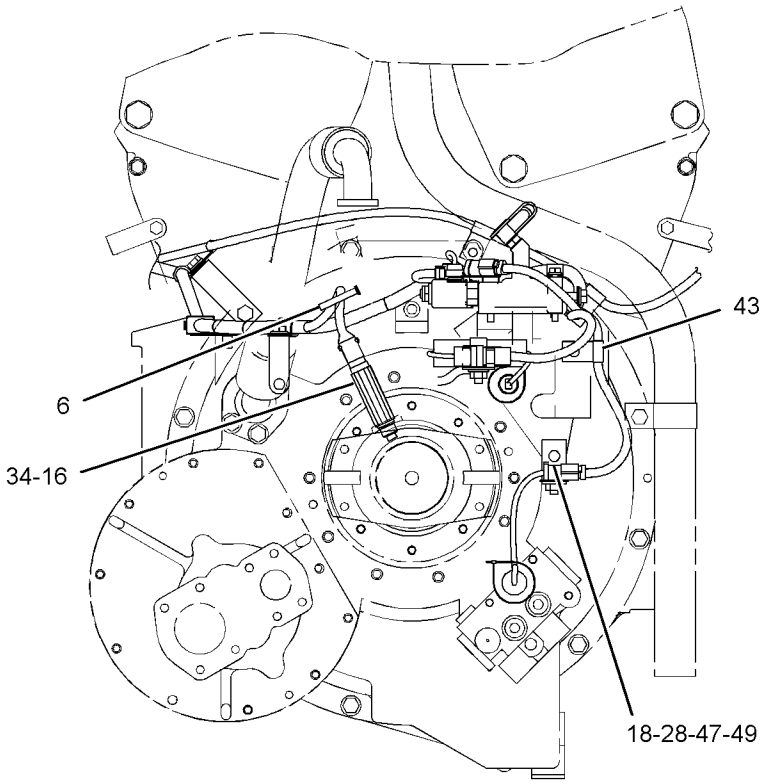
234-7879 **WIRING GP-ENGINE (**contd.**)** **i02470674**



SECTION G-G

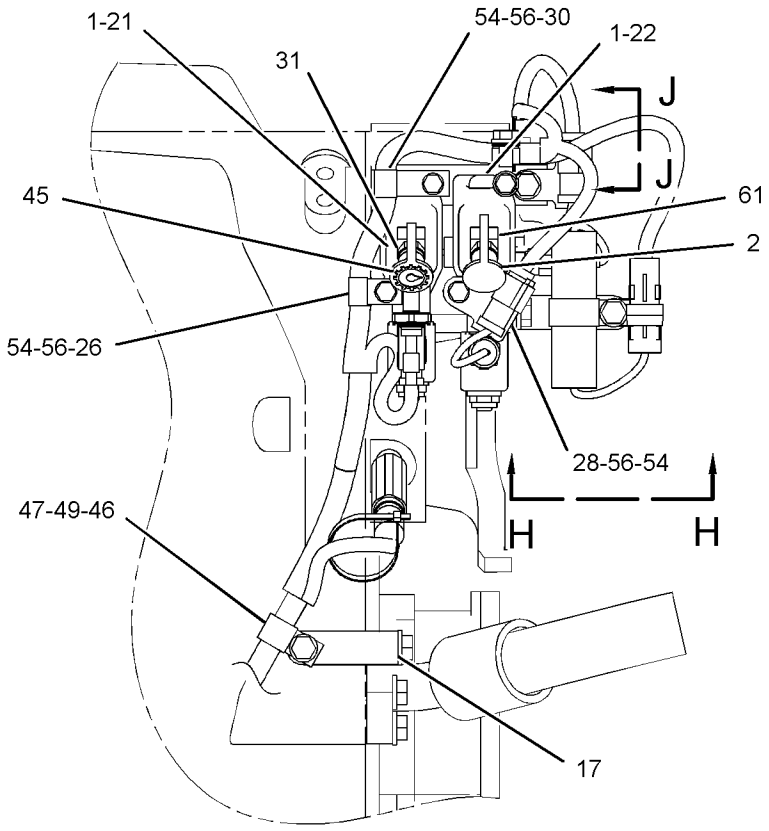


SECTION L-L

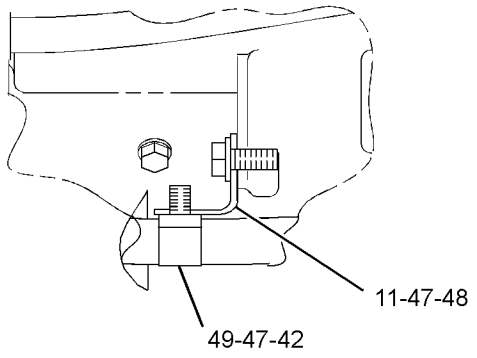


SECTION E-E

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



VIEW OF AREA F



VIEW OF AREA M

GRAPHIC #3 <END> g01218632

234-7879 WIRING GP-ENGINE

S/N: BTW154-165

PART OF 230-3276 ELECTRICAL AR

SMCS-1403, 1408 **i02534120**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	3	**6D-7889**	2	SEAL-O-RING	
	2	3	**6V-0852**	2	CAP-DUST	
	3	1	**6W-6672**	4	SPACER (10.5X20X38-MM THK)	
	4	1	**9X-3271**	1	ADAPTER (1/2-14-THD)	
	5	3	**9X-3495**	1	CLIP AS	
	6	1,2,3	**9X-6772**	9	STRAP-CABLE	
Y	7	3	**100-4311**	1	SENSOR GP-PRESSURE (TC IMPELLER CLUTCH OIL)	483
	8	2	**114-5333**	1	SWITCH AS-PRESSURE (HIGH, LOW)	
		2	**3E-3364**	1	RECEPTACLE (2-PIN)	
		2	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		2	**8T-8729**	2	PIN-CONNECTOR (16-GA TO 18-GA)	
	9	1,2	**116-4491**	2	BRACKET AS	
					(EACH INCLUDES)	
M		1,2	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
Y	10	1	**118-7226**	1	SENSOR GP-TEMPERATURE (TORQUE CONVERTER OIL)	494
	11	1,2,3	**124-3019**	5	BRACKET AS	
					(EACH INCLUDES)	
M		1,2,3	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	12	1	**128-8678**	2	SPACER (10.5X25X15-MM THK)	
	13	1,3	**134-8297**	2	BRACKET AS	
					(EACH INCLUDES)	
M		1,3	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	14	2	**136-9699**	1	BRACKET AS	
	15	2	**142-1657**	1	BRACKET AS	
M		2	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	16	3	**160-0564**	1	BRACKET AS	
	17	3	**160-4989**	1	BRACKET AS	
	18	3	*173-7223*	1	ADAPTER AS	
		3	**3J-1907**	1	SEAL-O-RING	
		3	**3J-7354**	1	SEAL-O-RING	
		3	**9X-0261**	1	ADAPTER	
	19	1	**197-6453**	1	BRACKET AS	
Y	20	3	**216-5342**	1	VALVE GP-MODULATING (24-VOLT) (TC LOCKUP CLUTCH)	788
Y	21	3	**217-2708**	1	VALVE GP-MODULATING (24-VOLT) (TC IMPELLER CLUTCH)	789
	22	1	**225-9199**	1	SPACER (13.5X22X14-MM THK)	
C	23	3	**266-8577**	1	SENSOR GP-SPEED (TORQUE CONVERTER OUTPUT)	
		3	**3E-3371**	1	WEDGE-RECEPTACLE LOCK (3-PIN)	
		3	**180-9339**	3	PIN-CONNECTOR (14-GA TO 18-GA)	
		3	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	24	1	**269-2060**	1	HARNESS AS-CONTROL (TORQUE CONVERTER)	
		1	**155-2255**	1	KIT-CONNECTING PLUG (12-PIN)	
		1	**155-2260**	3	KIT-CONNECTING PLUG (3-PIN)	
		1	**155-2270**	1	KIT-CONNECTING PLUG (2-PIN)	
					(EACH KIT INCLUDES PLUG AS & WEDGE)	
	25	1	**279-0538**	1	HARNESS AS-ENGINE	

234-7879 **WIRING GP-ENGINE (**contd.**)** **i02534120**

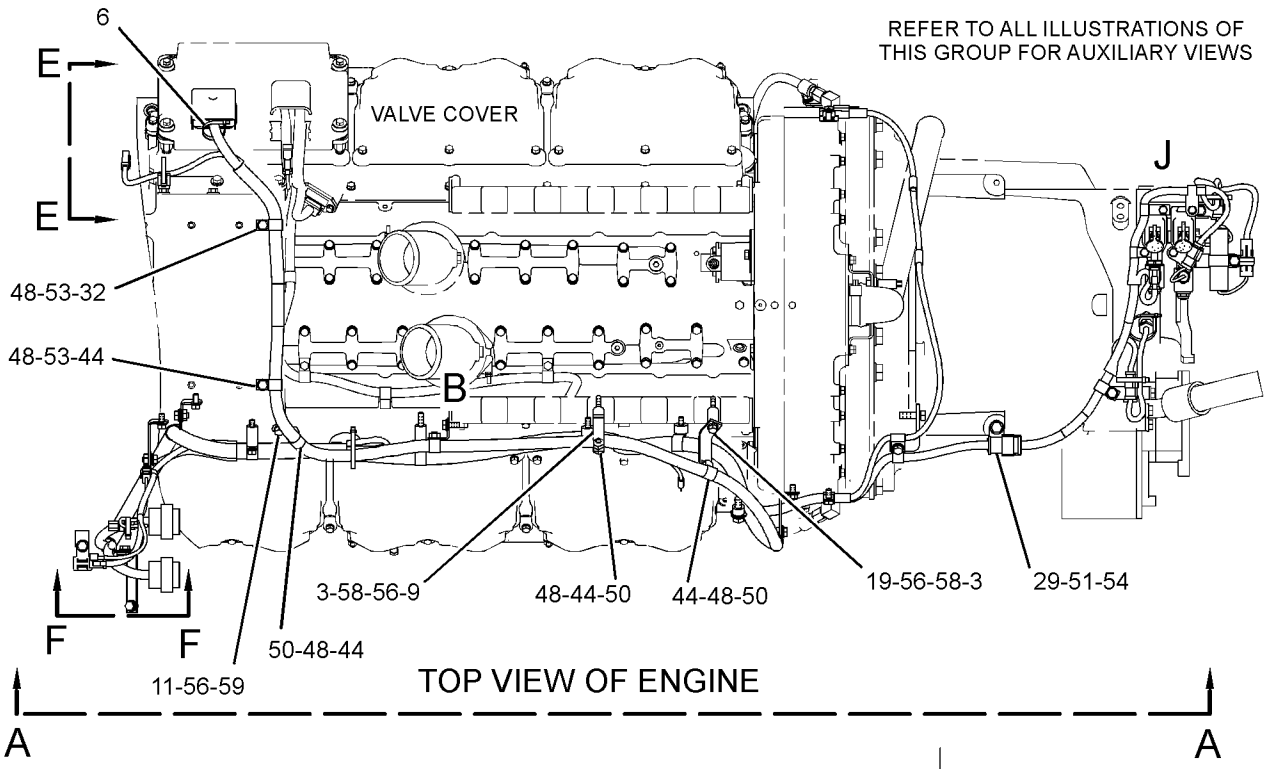
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		1	**102-8801**	1	KIT-RECEPTACLE (12-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	**8N-1514**	1	PLUG AS-CONNECTOR (37-PIN)	
		1	**8N-1518**	1	PLUG AS-CONNECTOR (25-PIN)	
		1	**8N-1521**	2	BELL AS-END	
		1	**9X-6772**	4	STRAP-CABLE	
		1	**127-5485**	1	PLUG AS-CONNECTOR (1-PIN)	
		1	**127-5486**	1	RECEPTACLE AS-CONNECTOR (1-PIN)	
		1	**155-2270**	4	KIT-CONNECTING PLUG (2-PIN)	
					(EACH KIT INCLUDES PLUG AS & WEDGE)	
		1	**160-7689**	1	PLUG AS-CONNECTOR (70-PIN)	
	26	3	**033-8248**	1	CLIP	
	27	2	**124-9633**	2	CLIP (SLOT)	
C	28	2,3	**130-5300**	6	CLIP	
	29	1	**130-5301**	1	CLIP	
	30	3	**147-0385**	1	CLIP	
	31	3	*165-4931*	2	ELBOW AS	
					(EACH INCLUDES)	
		3	**3J-1907**	1	SEAL-O-RING	
		3	**6V-8077**	1	ELBOW	
	32	1	**1S-0994**	1	CLIP (LOOP)	
	33	2	**2T-3019**	2	CLIP	
	34	1	**3J-1907**	1	SEAL-O-RING	
	35	3	**3K-0360**	1	SEAL-O-RING	
	36	3	**4K-8864**	1	CLIP	
	37	1	**4L-9337**	1	BOLT (3/8-16X1.5-IN)	
	38	2	**4P-8134**	1	CLIP (LADDER)	
	39	3	**4S-4455**	1	CLIP	
	40	1,2	**5M-3062**	3	BOLT (3/8-16X0.75-IN)	
	41	1	**5P-2566**	1	BOLT (1/2-13X1.5-IN)	
	42	1	**5P-4295**	1	CLIP	
	43	1	**5S-7382**	1	BOLT (3/8-16X1.375-IN)	
	44	1	**6D-4246**	6	CLIP (LOOP)	
	45	3	**6V-2383**	1	CLIP	
	46	1	**7C-4354**	3	CLIP	
	47	3	**8M-2773**	1	CLIP (LOOP)	
	48	1,2,3	**8T-4121**	20	WASHER-HARD (11X21X2.5-MM THK)	
M	49	1,3	**8T-4136**	2	BOLT (M10X1.5X25-MM)	
M	50	1,2,3	**8T-4137**	15	BOLT (M10X1.5X20-MM)	
M	51	1	**8T-4179**	1	BOLT (M12X1.75X20-MM)	
M	52	2	**8T-4183**	1	BOLT (M12X1.75X40-MM)	
M	53	1,2	**8T-4195**	3	BOLT (M10X1.5X30-MM)	
	54	1	**8T-4223**	2	WASHER-HARD (13.5X25.5X3-MM THK)	
	55	3	**8T-4224**	4	WASHER-HARD (8.8X16X2-MM THK)	
	56	1,2	**8T-4896**	10	WASHER-HARD (10.2X18.5X2.5-MM THK)	
M	57	3	**8T-6869**	4	BOLT (M8X1.25X60-MM)	
	58	1	**8T-7008**	2	BOLT (3/8-16X3-IN)	
	59	1	**8T-8915**	1	BOLT (3/8-16X3.25-IN)	
	60	1	**8T-9101**	1	BOLT (3/8-16X2.75-IN)	
	61	1	**8T-9377**	1	BOLT (3/8-16X2.25-IN)	
	62	2	**9M-8406**	2	CLIP (LOOP)	

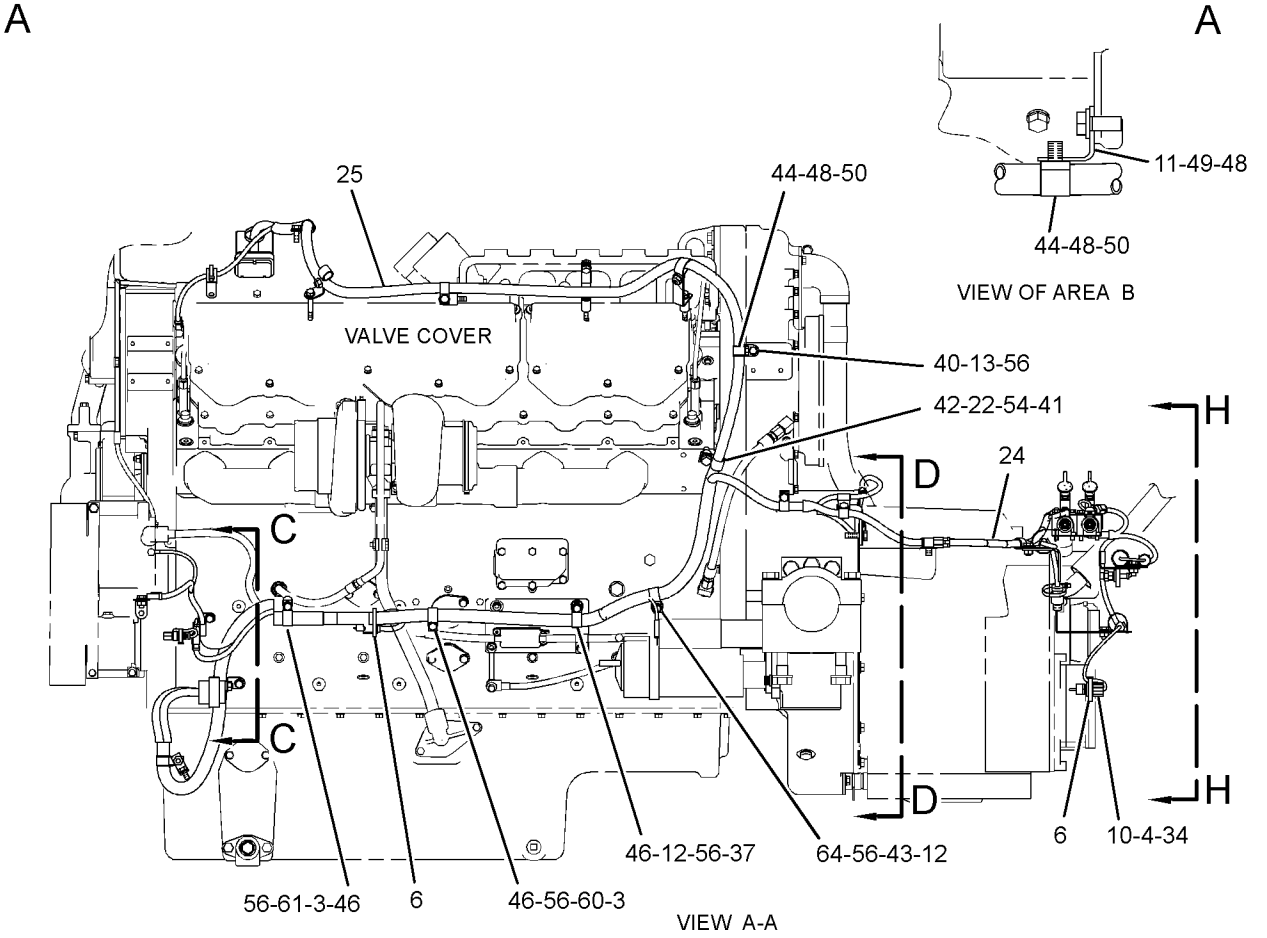
234-7879 **WIRING GP-ENGINE (**contd.**)** **i02534120**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	63	2	**9X-7378**	1	SEAL-O-RING	
	64	1,2	**9X-8250**	3	CLIP	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
Y - SEPARATE ILLUSTRATION

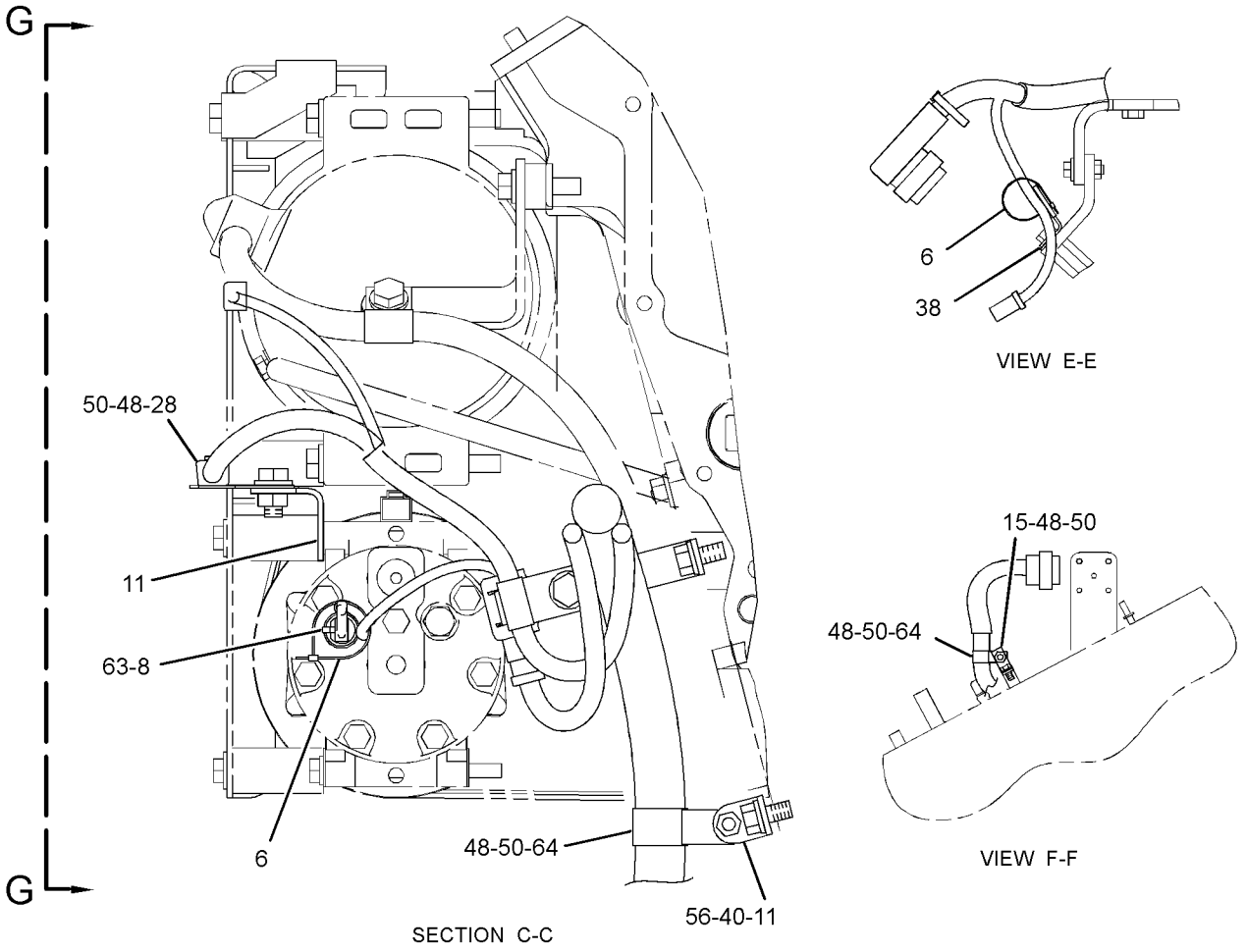
234-7879 **WIRING GP-ENGINE (**contd.**)** **i02534120**





GRAPHIC #1 g01337049

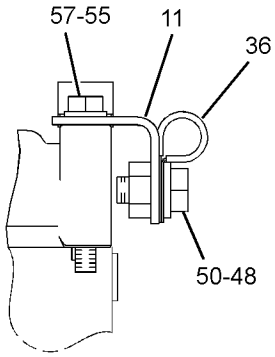
234-7879 **WIRING GP-ENGINE (**contd.**)** **i02534120**



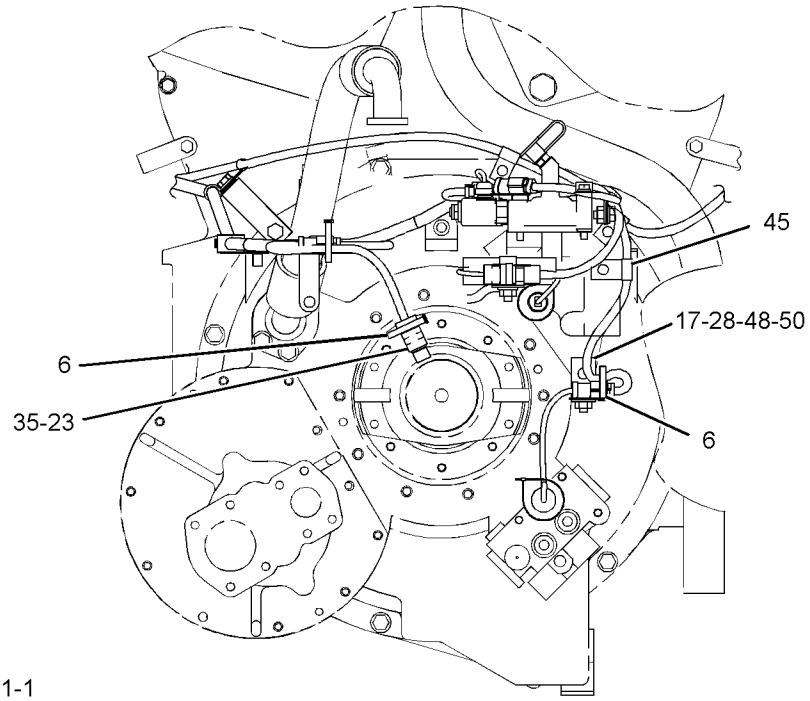
GRAPHIC #2 g01337043

234-7879 **WIRING GP-ENGINE (**contd.**)** **i02534120**

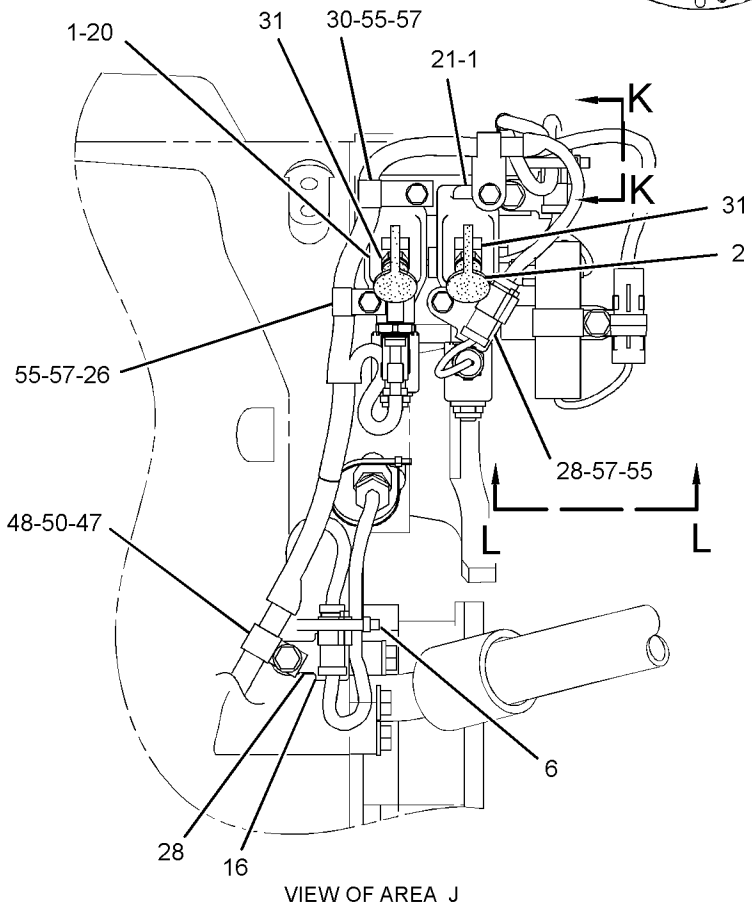
REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



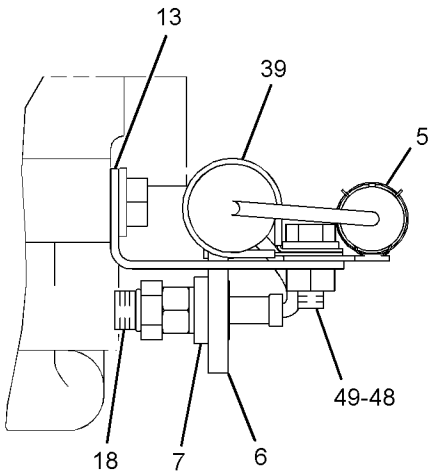
SECTION K-K



VIEW H-H



VIEW OF AREA J



VIEW L-L

GRAPHIC #3 <END> g01337046

234-7879 WIRING GP-ENGINE

S/N: BTW166-UP

PART OF 230-3276 ELECTRICAL AR

SMCS-1403, 1408 **i07183930**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	3	**6D-7889**	2	SEAL-O-RING	
	2	3	**6V-0852**	2	CAP-DUST	
	3	1	**6W-6672**	5	SPACER (10.5X20X38-MM THK)	
	4	3	**9X-3495**	1	CLIP AS	
		3	**8C-3334**	2	RIVET-TUBULAR	
C	5	1,2,3	**9X-6772**	10	STRAP-CABLE	
Y	6	3	**100-4311**	1	SENSOR GP-PRESSURE (TC IMPELLER CLUTCH OIL)	483
	7	2	**355-3148**	1	SWITCH AS-PRESSURE (HIGH, LOW)	
		2	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		2	**8T-8729**	2	PIN-CONNECTOR (16-GA TO 18-GA)	
	8	1,2	**116-4491**	2	BRACKET AS	
					(EACH INCLUDES)	
M		1,2	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
Y	9	1	**118-7226**	1	SENSOR GP-TEMPERATURE (TORQUE CONVERTER OIL)	494
	10	1,2,3	**124-3019**	5	BRACKET AS	
					(EACH INCLUDES)	
M		1,2,3	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	11	1	**128-8678**	1	SPACER (10.5X25X15-MM THK)	
	12	1,3	**134-8297**	2	BRACKET AS	
					(EACH INCLUDES)	
M		1,3	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	13	2	**136-9699**	1	BRACKET AS	
M		2	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	14	2	**142-1657**	1	BRACKET AS	
M		2	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	15	3	**125-2706**	1	PLATE AS	
M		3	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	16	3	**160-4989**	1	BRACKET AS	
	17	3	*173-7223*	1	ADAPTER AS	
		3	**3J-1907**	1	SEAL-O-RING	
		3	**3J-7354**	1	SEAL-O-RING	
		3	**9X-0261**	1	ADAPTER	
	18	1	**197-6453**	1	BRACKET AS	
Y	19	3	**216-5342**	1	VALVE GP-MODULATING (24-VOLT) (TC LOCKUP CLUTCH)	788
Y	20	3	**311-6364**	1	VALVE GP-MODULATING (24-VOLT) (TC IMPELLER CLUTCH)	790
	21	1	**225-9199**	1	SPACER (13.5X22X14-MM THK)	
	22	3	**266-8577**	1	SENSOR GP-SPEED (TORQUE CONVERTER OUTPUT)	
		3	**3E-3371**	1	WEDGE-RECEPTACLE LOCK (3-PIN)	
		3	**180-9339**	3	PIN-CONNECTOR (14-GA TO 18-GA)	
		3	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	23	1	**269-2060**	1	HARNESS AS-CONTROL (TORQUE CONVERTER)	
		1	**155-2255**	1	KIT-CONNECTING PLUG (12-PIN)	
		1	**155-2260**	3	KIT-CONNECTING PLUG (3-PIN)	
		1	**155-2270**	1	KIT-CONNECTING PLUG (2-PIN)	
					(EACH KIT INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	

234-7879 **WIRING GP-ENGINE (**contd.**)** **i07183930**

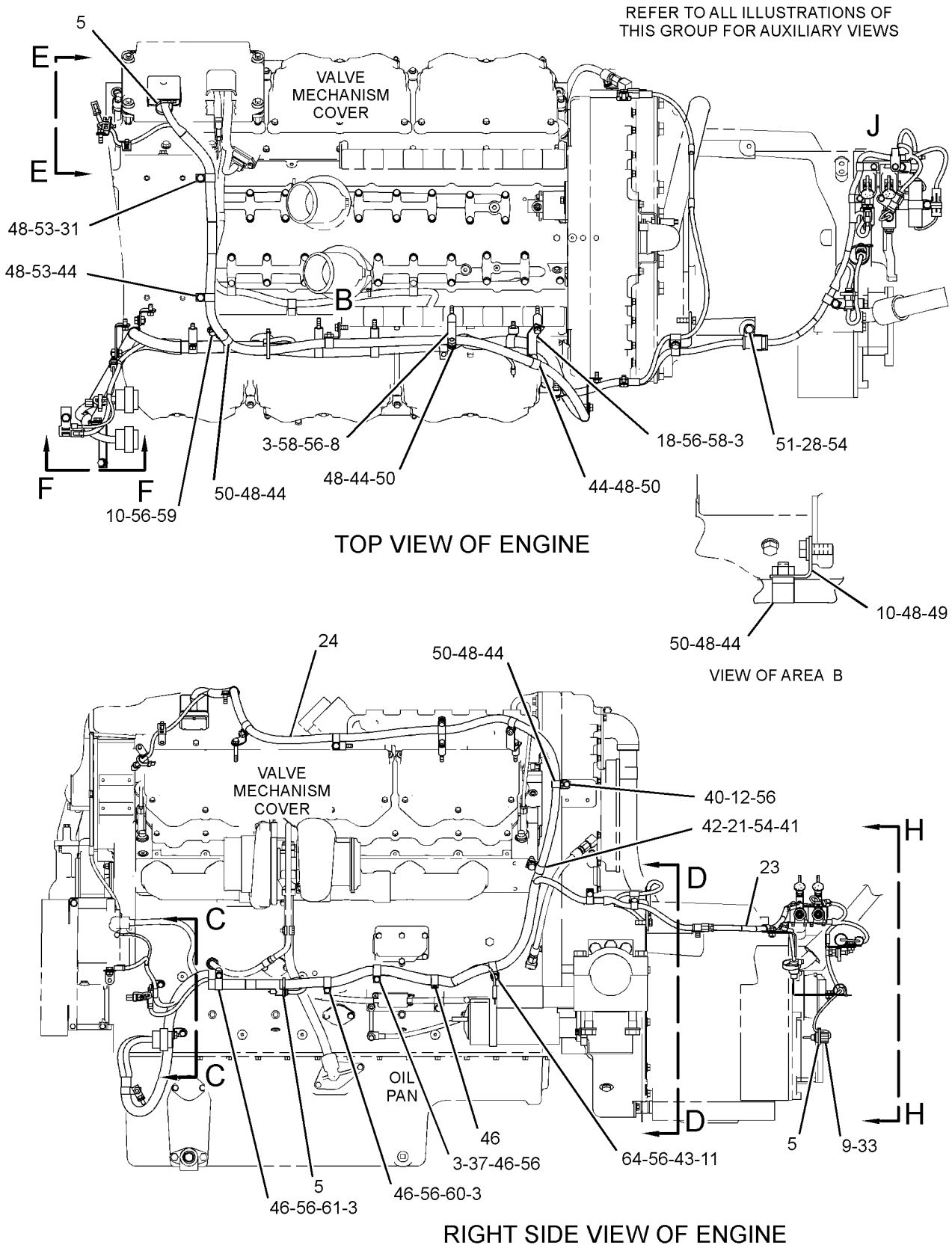
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	24	1	**279-0538**	1	HARNESS AS-ENGINE	
		1	**102-8801**	1	KIT-RECEPTACLE (12-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	**8N-1514**	1	PLUG AS-CONNECTOR (37-PIN)	
		1	**8N-1518**	1	PLUG AS-CONNECTOR (25-PIN)	
		1	**8N-1521**	2	BELL AS-END	
		1	**9X-6772**	4	STRAP-CABLE	
		1	**127-5485**	1	PLUG AS-CONNECTOR (1-PIN)	
		1	**127-5486**	1	RECEPTACLE AS-CONNECTOR (1-PIN)	
		1	**155-2270**	4	KIT-CONNECTING PLUG (2-PIN)	
					(EACH KIT INCLUDES PLUG AS, WEDGE, & INTERFACE)	
		1	**160-7689**	1	PLUG AS-CONNECTOR (70-PIN)	
	25	3	**033-8248**	1	CLIP	
	26	2	**124-9633**	2	CLIP (SLOT)	
	27	2,3	**130-5300**	6	CLIP	
	28	1	**130-5301**	1	CLIP	
	29	3	**147-0385**	1	CLIP	
	30	3	*165-4931*	2	ELBOW AS	
					(EACH INCLUDES)	
		3	**3J-1907**	1	SEAL-O-RING	
		3	**6V-8077**	1	ELBOW	
	31	1	**1S-0994**	1	CLIP (LOOP)	
	32	2	**2T-3019**	2	CLIP	
	33	1	**3J-1907**	1	SEAL-O-RING	
	34	3	**3K-0360**	1	SEAL-O-RING	
	35	3	**4K-8864**	1	CLIP	
C	36	2	**4L-6454**	1	BOLT (3/8-16X1-IN)	
	37	1	**4L-6459**	1	BOLT (3/8-16X2.5-IN)	
C	38	2	**4P-8134**	2	CLIP (LADDER)	
	39	3	**4S-4455**	1	CLIP	
	40	1,2	**5M-3062**	3	BOLT (3/8-16X0.75-IN)	
	41	1	**5P-2566**	1	BOLT (1/2-13X1.5-IN)	
	42	1	**5P-4295**	1	CLIP	
	43	1	**5S-7382**	1	BOLT (3/8-16X1.375-IN)	
	44	1	**6D-4246**	6	CLIP (LOOP)	
	45	3	**6V-2383**	1	CLIP	
	46	1	**7C-4354**	4	CLIP	
	47	3	**8M-2773**	1	CLIP (LOOP)	
C	48	1,2,3	**8T-4121**	21	WASHER-HARD (11X21X2.5-MM THK)	
M	49	1,3	**8T-4136**	3	BOLT (M10X1.5X25-MM)	
M	50	1,2,3	**8T-4137**	14	BOLT (M10X1.5X20-MM)	
M	51	1	**8T-4179**	1	BOLT (M12X1.75X20-MM)	
M	52	2	**8T-4183**	1	BOLT (M12X1.75X40-MM)	
M	53	1,2	**8T-4195**	3	BOLT (M10X1.5X30-MM)	
	54	1	**8T-4223**	2	WASHER-HARD (13.5X25.5X3-MM THK)	
	55	3	**8T-4224**	4	WASHER-HARD (8.8X16X2-MM THK)	
	56	1,2	**8T-4896**	10	WASHER-HARD (10.2X18.5X2.5-MM THK)	
M	57	3	**8T-6869**	4	BOLT (M8X1.25X60-MM)	
	58	1	**8T-7008**	2	BOLT (3/8-16X3-IN)	
	59	1	**8T-8915**	1	BOLT (3/8-16X3.25-IN)	

234-7879 **WIRING GP-ENGINE (**contd.**)** **i07183930**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	60	1	**8T-9101**	1	BOLT (3/8-16X2.75-IN)	
	61	1	**8T-9377**	1	BOLT (3/8-16X2.25-IN)	
	62	2	**9M-8406**	2	CLIP (LOOP)	
	63	2	**9X-7378**	1	SEAL-O-RING	
	64	1,2	**9X-8250**	3	CLIP	
	65	3	**9X-8257**	1	WASHER (17.5X30X3.5-MM THK)	
M	66	3	**7X-2552**	1	BOLT (M16X2X30-MM)	

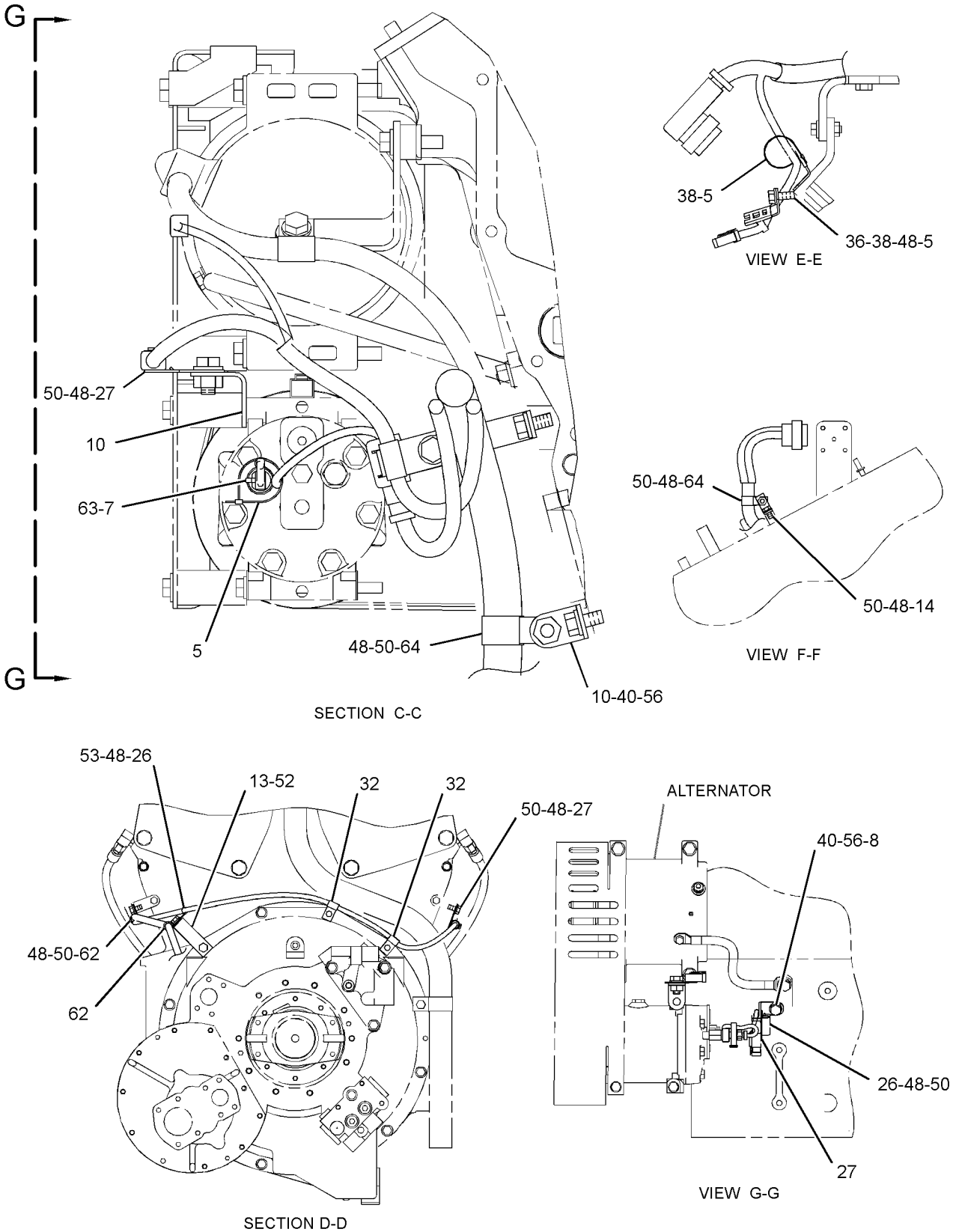
C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
Y - SEPARATE ILLUSTRATION

234-7879 **WIRING GP-ENGINE (**contd.**)** **i07183930**



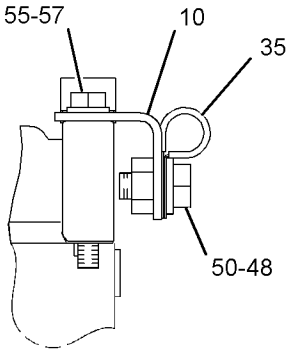
GRAPHIC #1 g01682604

234-7879 **WIRING GP-ENGINE (**contd.**)** **i07183930**

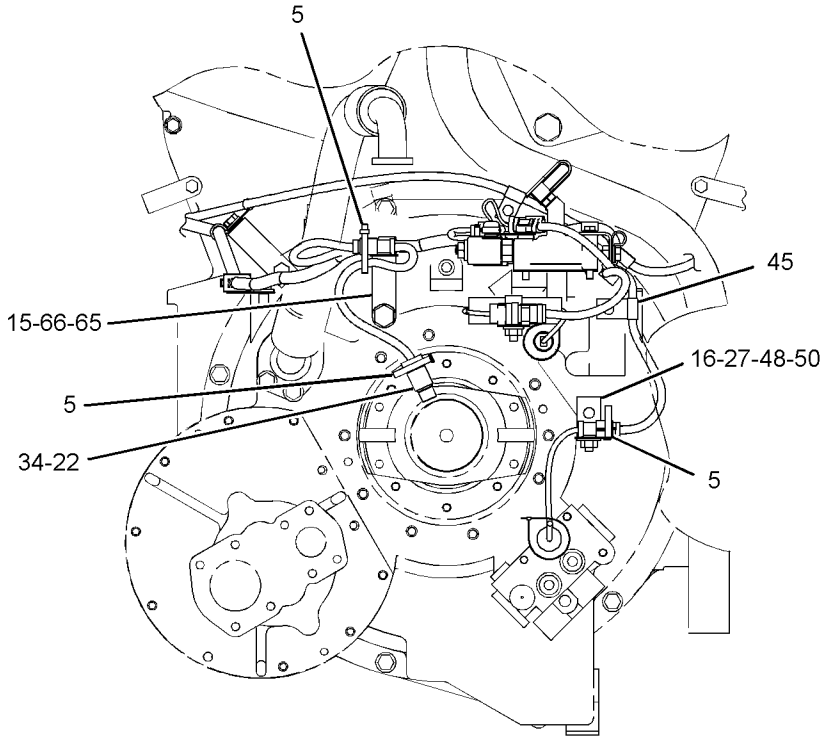


GRAPHIC #2 g01682605

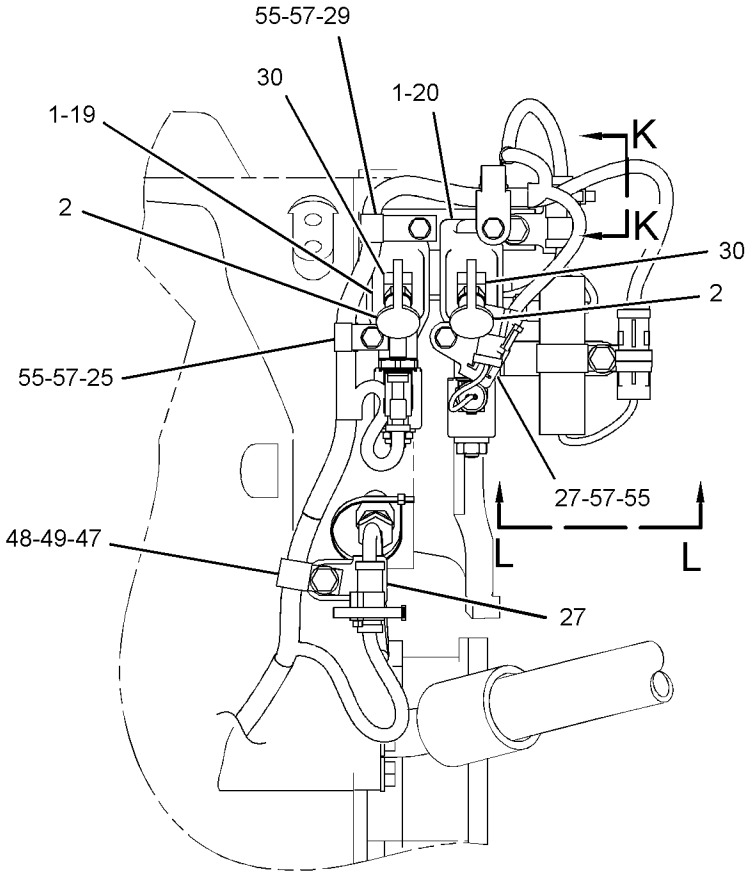
234-7879 **WIRING GP-ENGINE (**contd.**)** **i07183930**



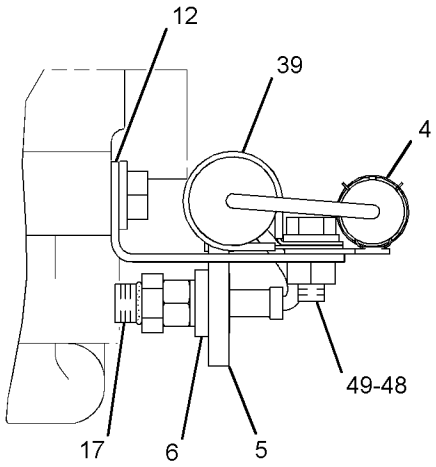
SECTION K-K



VIEW H-H



VIEW OF AREA J



VIEW L-L

GRAPHIC #3 <END> g03386719

266-9747 WIRING GP-ENGINE

S/N: BTW1-153

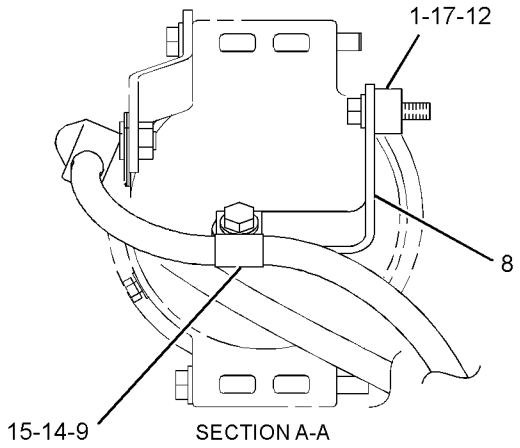
PART OF 230-3276 ELECTRICAL AR

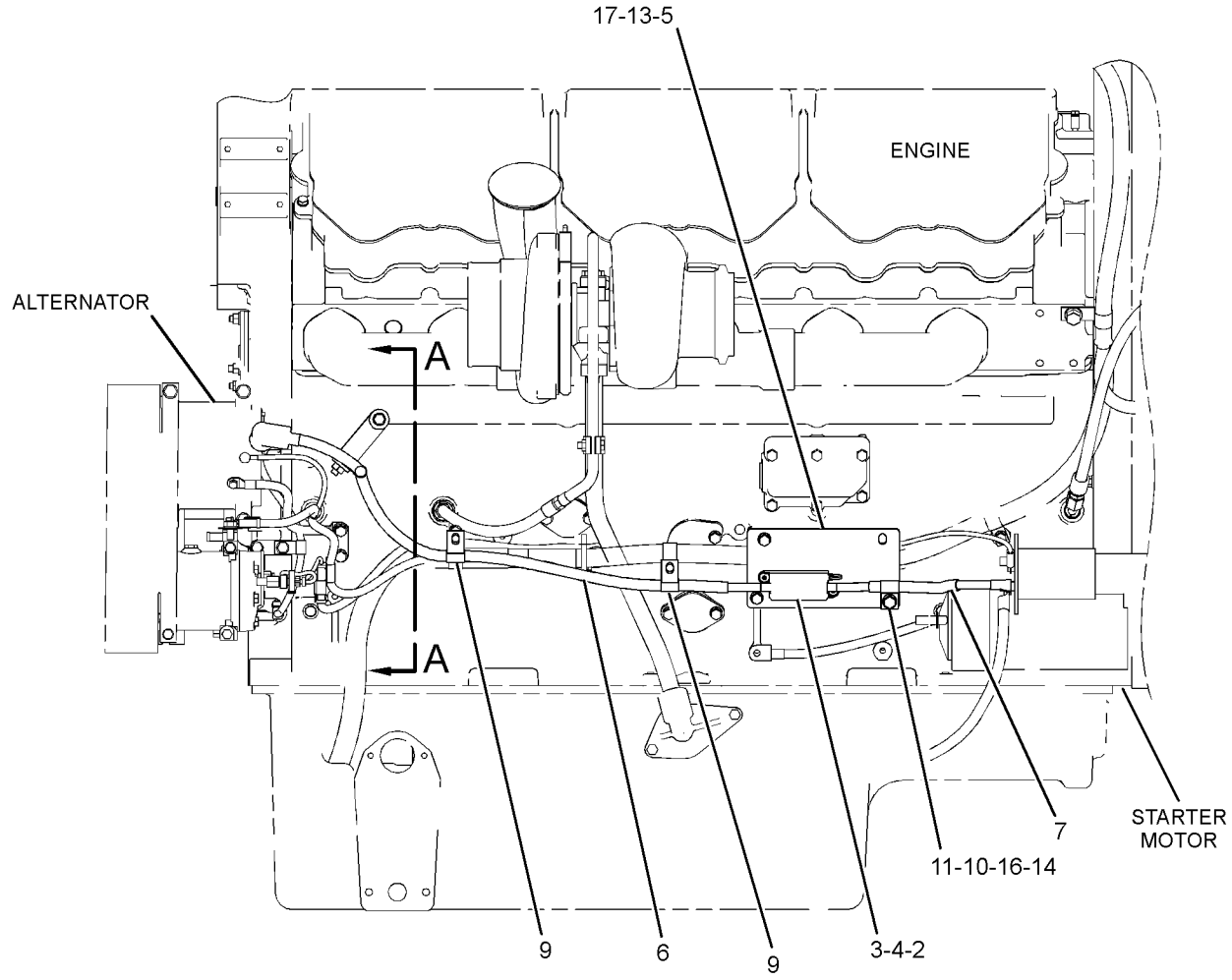
SMCS-1403, 1408 **i02424173**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**128-8678**	1	SPACER (10.5X25X15-MM THK)	
M	2	1	**215-6406**	2	SCREW-TRUSS HEAD (M6X1X16-MM)	
	3	1	**219-2432**	1	HOLDER AS-FUSE	
	4	1	**220-7087**	1	FUSE (125-AMPERE)	
	5	1	**267-5251**	1	PLATE AS	
	6	1	**269-1972**	1	CABLE AS	
		1	**6T-5598**	1	TERMINAL-RING (1-GA TO 2-GA, 5/16-IN SCREW)	
E		1	**8C-3056**		CABLE (2-GA, RED) (99-CM)	
		1	**8T-8827**	1	BOOT (RED)	
		1	**180-7110**	1	TERMINAL-RING (2-GA, 3/8-IN SCREW)	
	7	1	**269-1973**	1	CABLE AS	
E		1	**8C-3056**		CABLE (2-GA, RED) (38-CM)	
		1	**180-7110**	1	TERMINAL-RING (2-GA, 3/8-IN SCREW)	
		1	**267-8338**	1	TERMINAL-RING	
	8	1	**279-5629**	1	BRACKET AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	9	1	**124-0174**	3	CLIP	
	10	1	**2B-0941**	1	SPACER (10.5X19X19-MM THK)	
	11	1	**3E-6909**	1	CLIP	
	12	1	**4L-9337**	1	BOLT (3/8-16X1.5-IN)	
	13	1	**5S-7379**	2	BOLT (3/8-16X0.875-IN)	
	14	1	**8T-4121**	2	WASHER-HARD (11X21X2.5-MM THK)	
M	15	1	**8T-4136**	1	BOLT (M10X1.5X25-MM)	
M	16	1	**8T-4186**	3	BOLT (M10X1.5X40-MM)	
	17	1	**8T-4896**	2	WASHER-HARD (10.2X18.5X2.5-MM THK)	

E - ORDER BY THE CENTIMETER
M - METRIC PART

266-9747 **WIRING GP-ENGINE (**contd.**)** **i02424173**





RIGHT SIDE VIEW

GRAPHIC #1 <END> g01215884

266-9747 WIRING GP-ENGINE

S/N: BTW154-UP

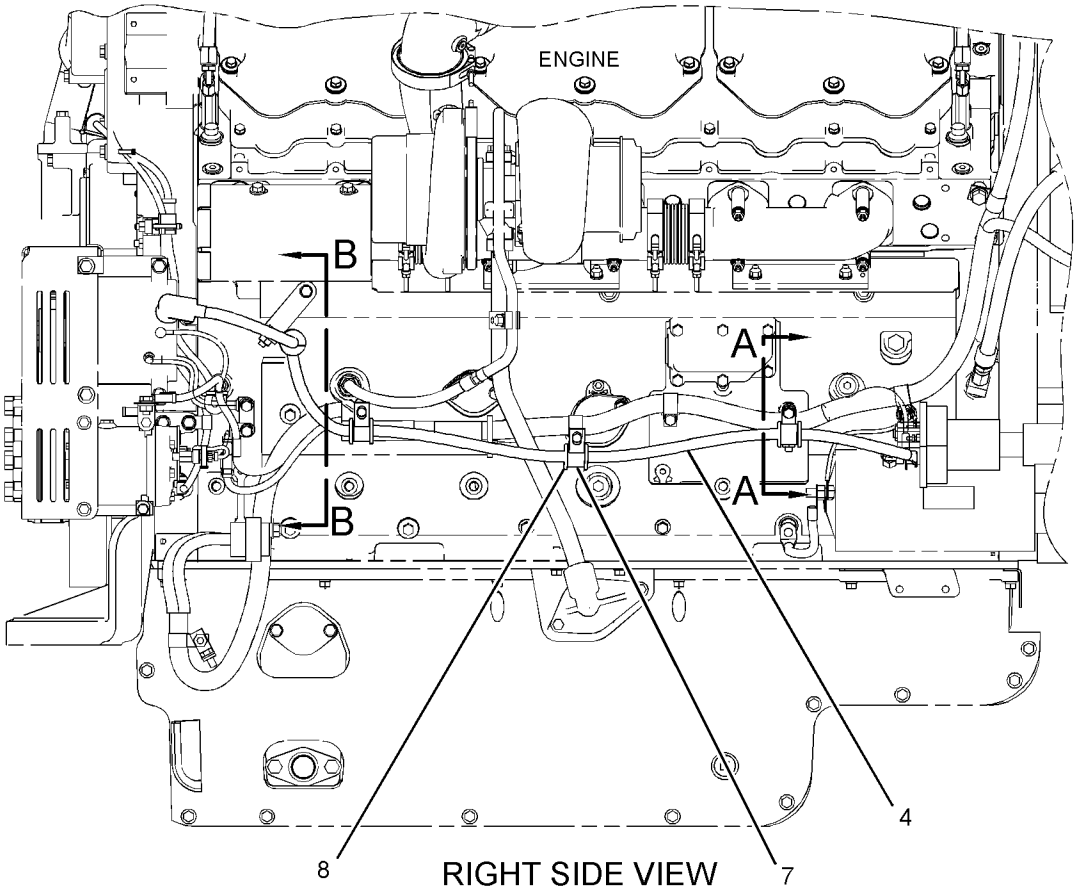
PART OF 230-3276 ELECTRICAL AR

SMCS-1403, 1408 **i03514300**

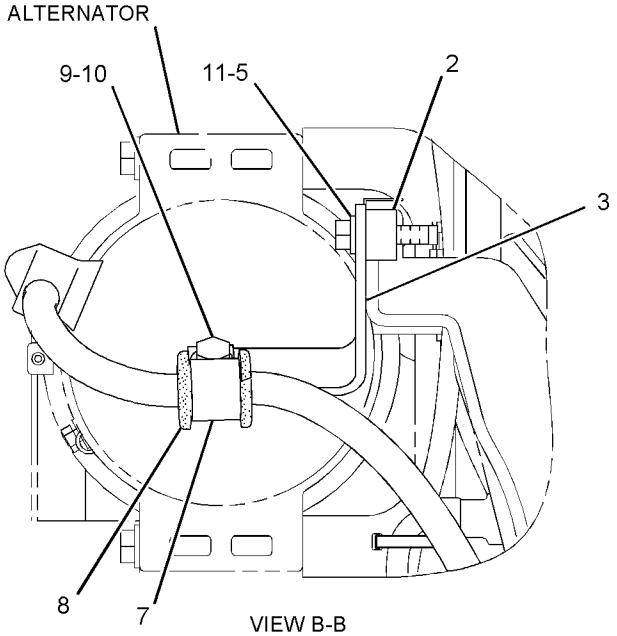
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**116-4491**	1	BRACKET AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	2	1	**128-8678**	1	SPACER (10.5X25X15-MM THK)	
	3	1	**279-5629**	1	BRACKET AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	4	1	**320-7967**	1	CABLE AS	
E		1	**8C-3056**		CABLE (2-GA, RED) (139-CM)	
		1	**8T-8827**	1	BOOT (RED)	
E		1	**125-7876**		TUBE-HEAT SHRINK (17.78-MM DIA) (4-CM)	
		1	**6T-5598**	1	TERMINAL-RING (1-GA TO 2-GA, 5/16-IN SCREW)	
E		1	**6V-9023**		TUBE-HEAT SHRINK (12.7-MM DIA) (8-CM)	
	5	1	**4L-9337**	1	BOLT (3/8-16X1.5-IN)	
	6	1	**5S-7379**	1	BOLT (3/8-16X0.875-IN)	
	7	1	**6D-4636**	4	CLIP (LOOP)	
	8	1	**6V-0826**	4	GROMMET	
	9	1	**8T-4121**	2	WASHER-HARD (11X21X2.5-MM THK)	
M	10	1	**8T-4136**	2	BOLT (M10X1.5X25-MM)	
	11	1	**8T-4896**	2	WASHER-HARD (10.2X18.5X2.5-MM THK)	

E - ORDER BY THE CENTIMETER
M - METRIC PART

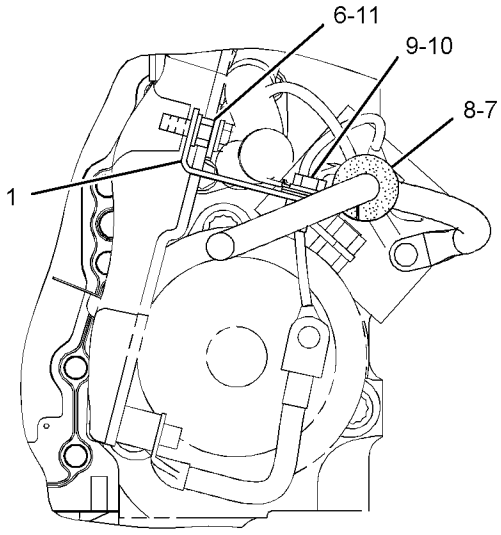
266-9747 **WIRING GP-ENGINE (**contd.**)** **i03514300**



RIGHT SIDE VIEW



VIEW B-B



SECTION A-A

GRAPHIC #1 <END> g01878282

238-8294 WIRING GP-ENGINE ELECTRONIC

S/N: EHX1-UP

PART OF 217-5670 ENGINE AR-COMPLETE

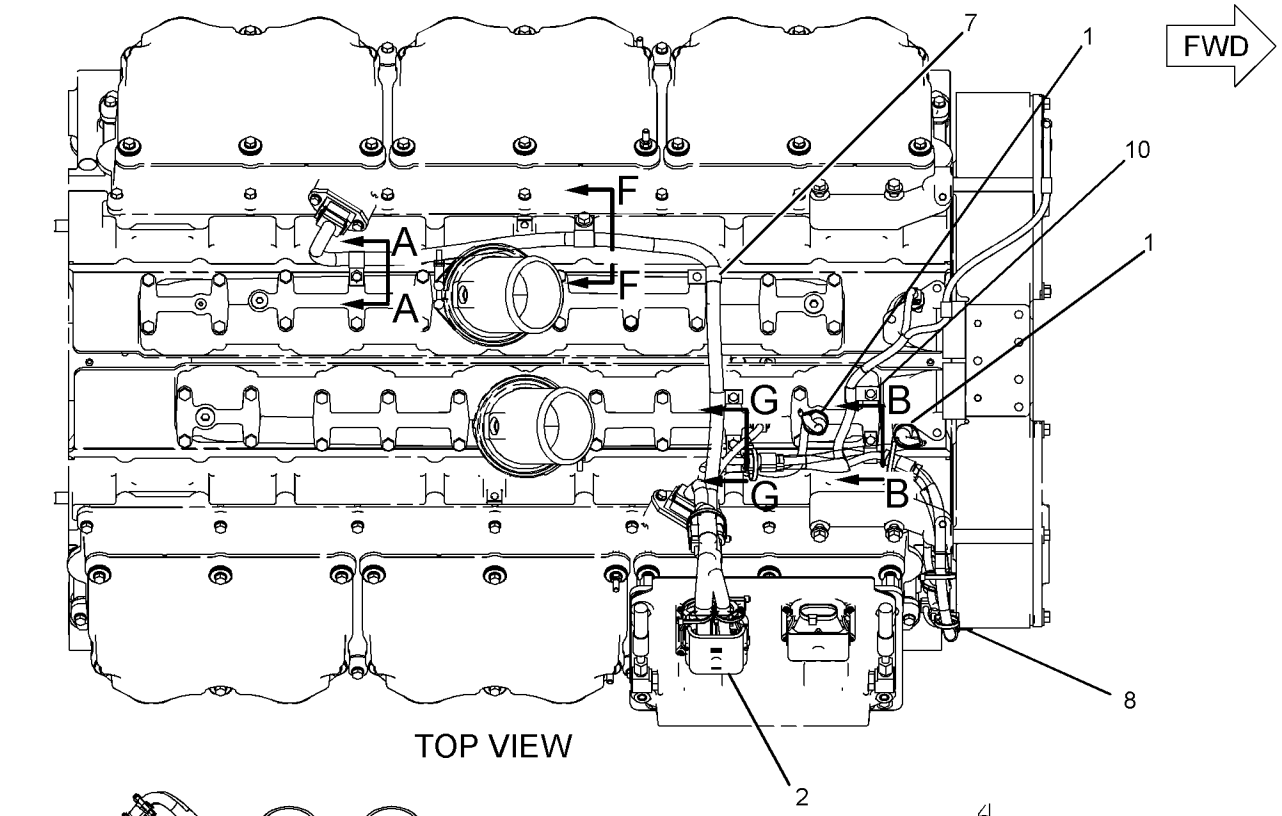
SMCS-1408, 1901

i03552341

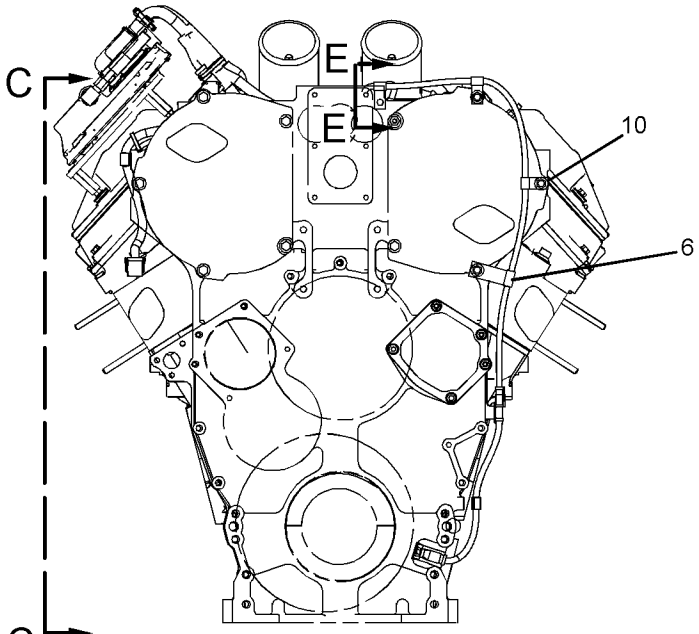
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3S-2093**	10	STRAP-CABLE	
	2	1	**238-8295**	1	HARNESS AS-ENGINE (MODULE)	
		1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
		1	**102-8803**	3	KIT-RECEPTACLE (3-PIN)	
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)	
		1	**155-2255**	2	KIT-CONNECTING PLUG (12-PIN)	
		1	**155-2265**	1	KIT-CONNECTING PLUG (8-PIN)	
		1	**155-2270**	5	KIT-CONNECTING PLUG (2-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
		1	**264-5732**	1	PLUG AS-CONNECTOR (120-PIN)	
D		1	**5P-6001**		TUBE-HEAT SHRINK (4.75-MM DIA) (0.1-M)	
E		1	**125-7875**		TUBE-HEAT SHRINK (7.44-MM DIA) (20-CM)	
E		1	**125-7876**		TUBE-HEAT SHRINK (17.78-MM DIA) (10-CM)	
		1	**211-6807**	1	COVER-CONNECTOR	
	3	1	**067-2551**	1	CLIP	
	4	1	**0S-0509**	1	BOLT (3/8-16X0.75-IN)	
	5	1	**9X-6458**	1	WASHER-HARD (10.2X22.5X3-MM THK)	
	6	1	**186-0359**	1	CLIP	
	7	1	**205-7299**	3	CLIP	
	8	1	**4K-8864**	2	CLIP	
	9	1	**6D-3479**	1	CLIP	
	10	1	**6V-3265**	4	CLIP	

D - ORDER BY THE METER
E - ORDER BY THE CENTIMETER

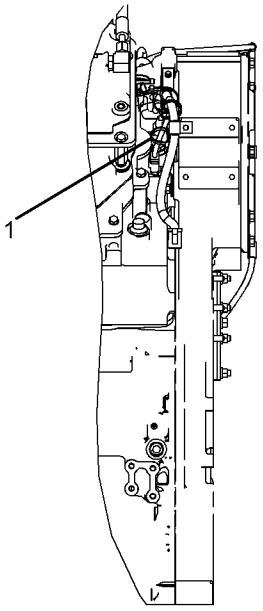
238-8294 **WIRING GP-ENGINE ELECTRONIC (**contd.**)** **i03552341**



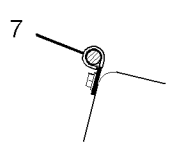
TOP VIEW



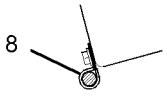
FRONT VIEW



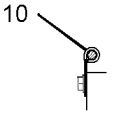
SECTION C-C



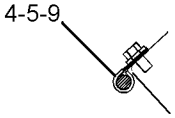
SECTION A-A



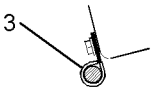
SECTION B-B



SECTION E-E



SECTION F-F



SECTION G-G

GRAPHIC #1 <END> g01878502

267-4523 WIRING GP-ENGINE ELECTRONIC

S/N: EHX1-UP

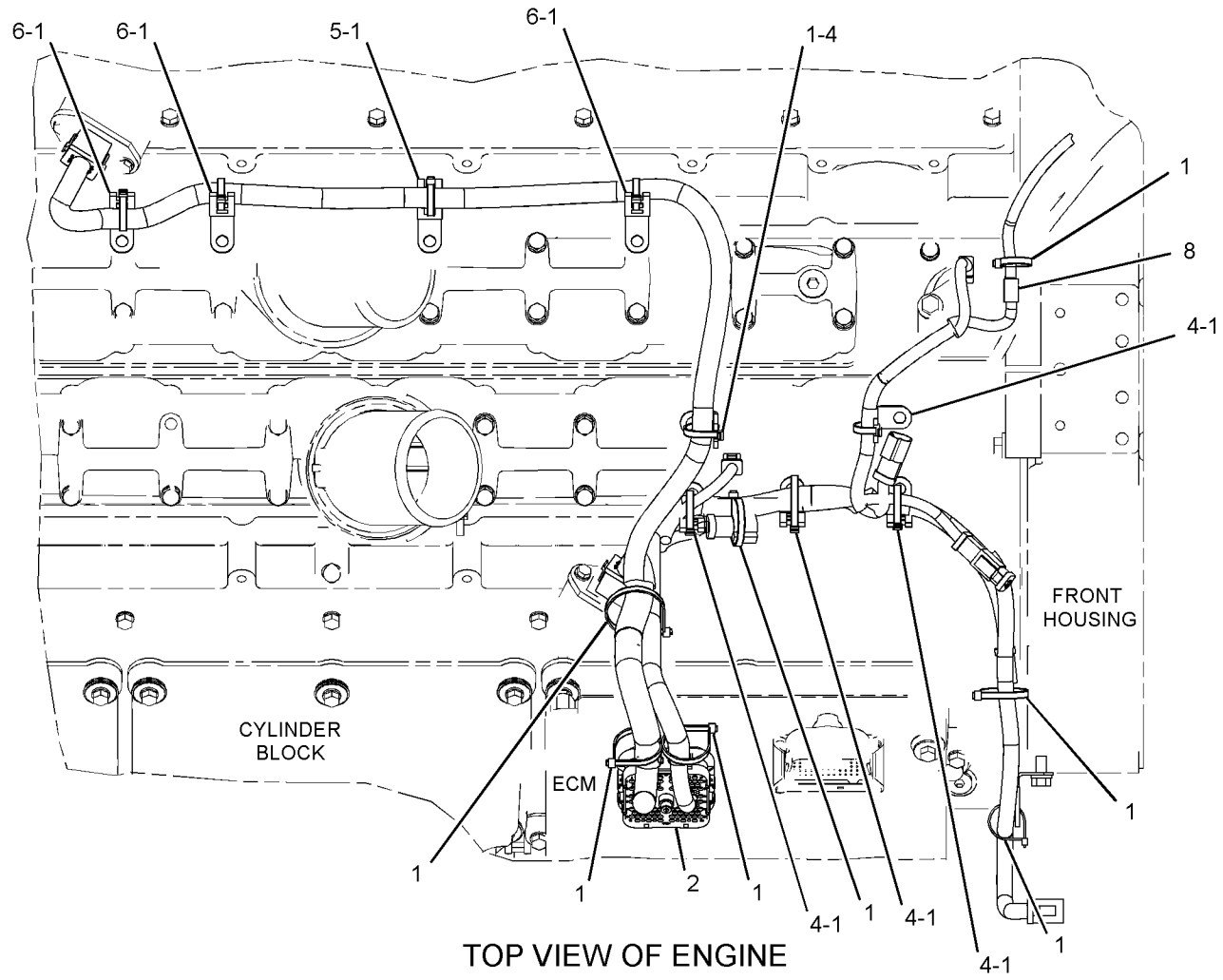
PART OF 217-5670, 271-8633, 360-3755 ENGINE AR-COMPLETE

SMCS-1408, 1901 **i05351130**

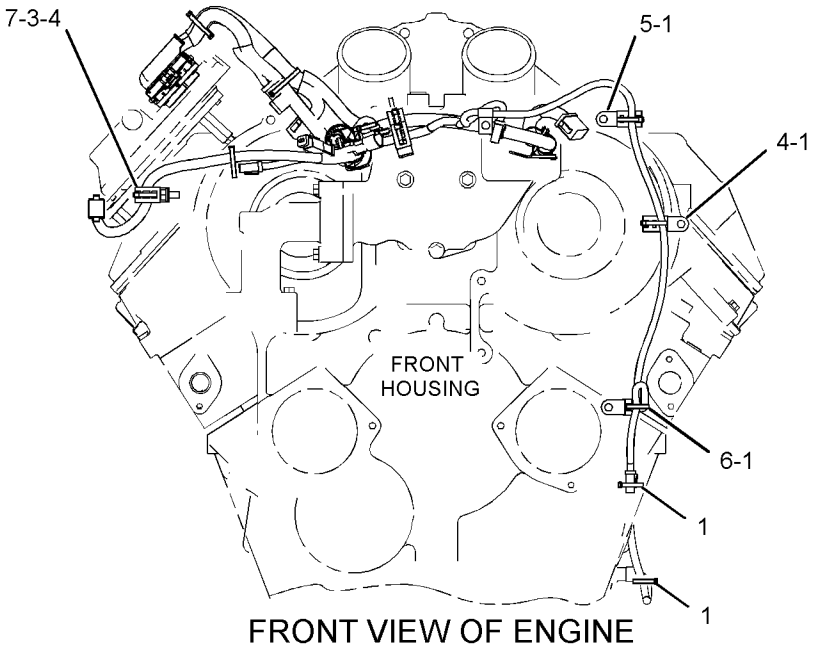
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3S-2093**	21	STRAP-CABLE	
Y	2	1	**296-7520**	1	HARNESS AS-SENSOR	388
	3	1	**0S-0509**	1	BOLT (3/8-16X0.75-IN)	
	4	1	**132-5789**	7	CLIP (LADDER)	
	5	1	**4P-7581**	2	CLIP (LADDER)	
	6	1	**4P-8134**	4	CLIP (LADDER)	
	7	1	**5M-2894**	1	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	8	1	**5P-9085**	1	CLIP	

Y - SEPARATE ILLUSTRATION

267-4523 **WIRING GP-ENGINE ELECTRONIC (**contd.**)** **i05351130**



TOP VIEW OF ENGINE



FRONT VIEW OF ENGINE

GRAPHIC #1 <END> g03397057

234-7866 WIRING GP-FRONT

S/N: BTW1-UP

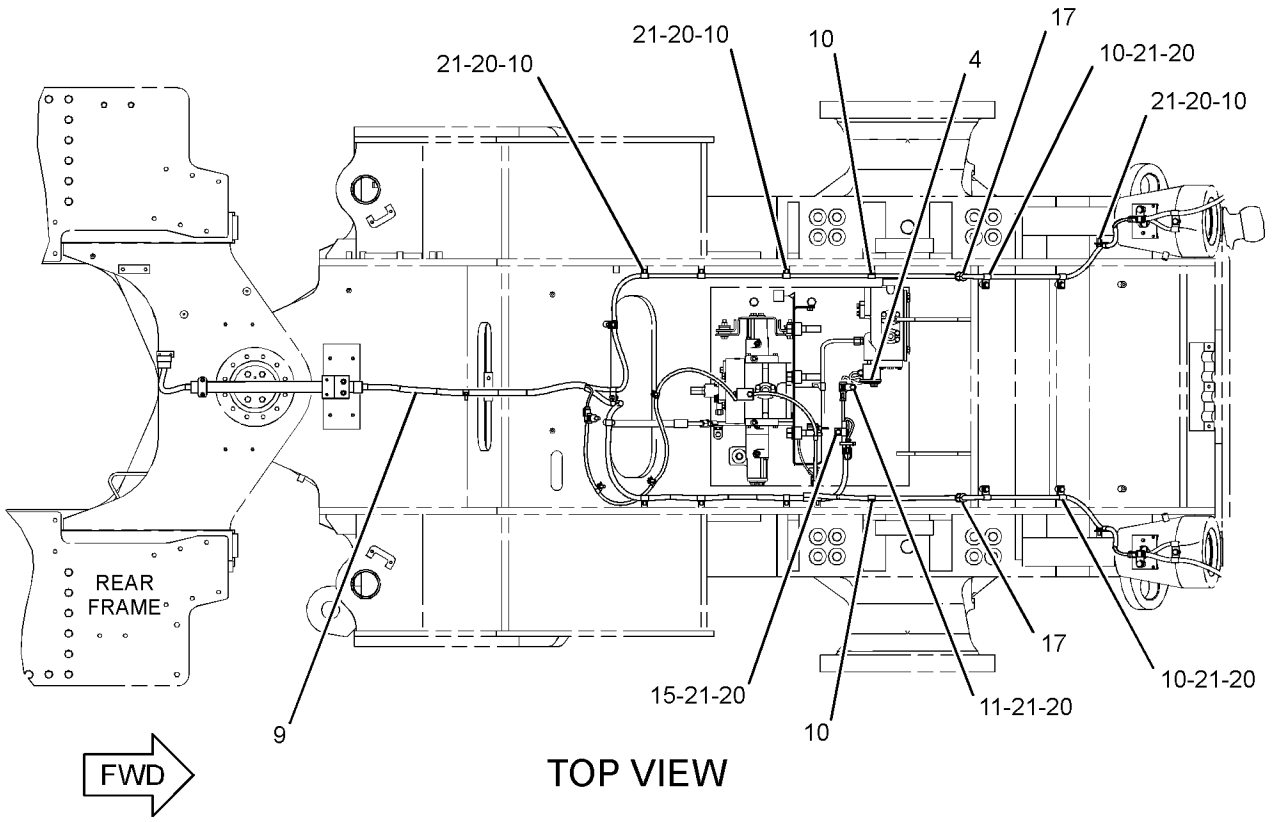
PART OF 230-3276 ELECTRICAL AR

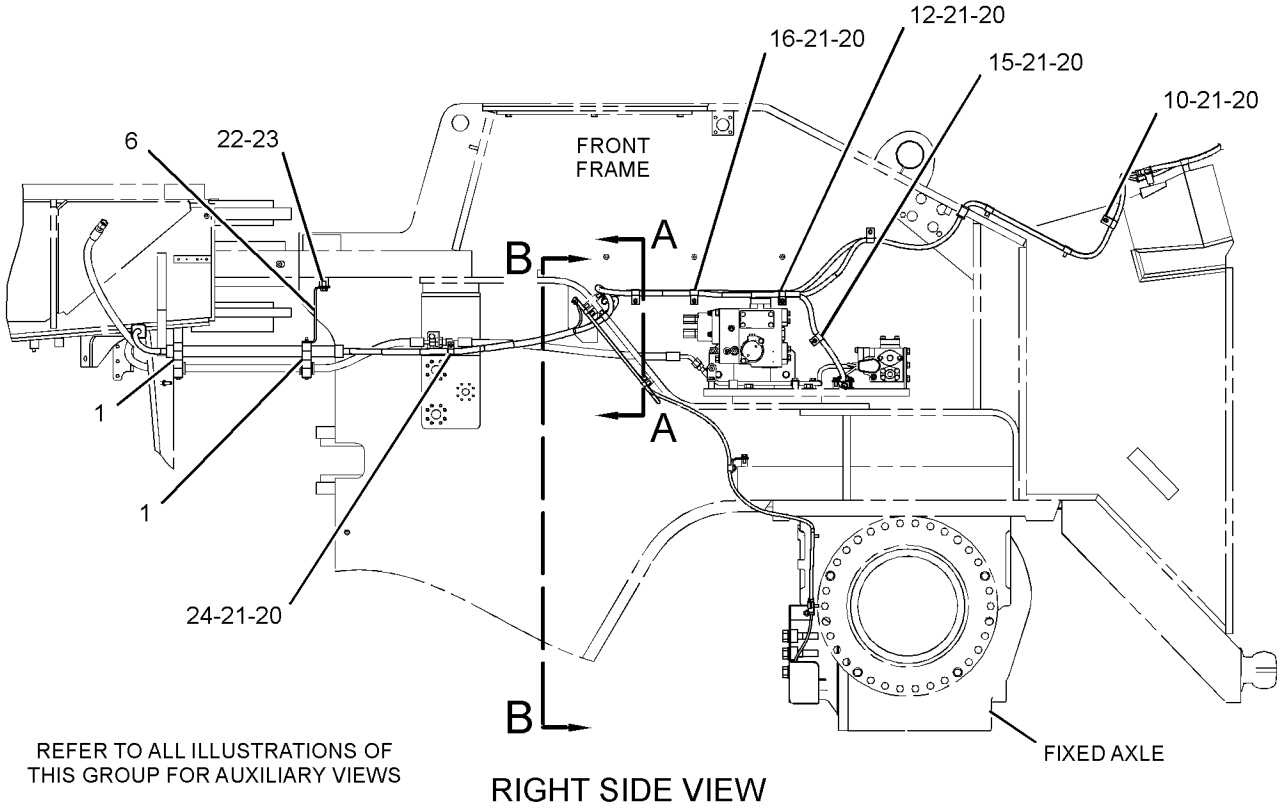
SMCS-1408, 5734 **i02318846**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**5V-6152**	4	CLAMP	
	2	2	**7Y-0336**	3	SPACER (24.5X44X24-MM THK)	
	3	2	**9U-1371**	1	BRACKET AS	
M		2	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	4	1	**9X-6772**	1	STRAP-CABLE	
Y	5	2	**134-2252**	1	SENSOR GP-TEMPERATURE (FRONT AXLE OIL)	495
	6	1	**237-0452**	1	BRACKET	
	7	2	**238-1047**	1	HARNESS AS-SENSOR (FRONT AXLE OIL TEMPERATURE)	
		2	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE & WEDGE)	
		2	**155-2260**	1	KIT-CONNECTING PLUG (3-PIN)	
					(INCLUDES PLUG AS & WEDGE)	
	8	2	**267-1272**	1	PLATE AS	
M		2	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	9	1	**267-6160**	1	HARNESS AS-FRONT CHASSIS	
		1	**113-0580**	2	RECEPTACLE AS-CONNECTOR (40-PIN)	
		1	**155-2260**	1	KIT-CONNECTING PLUG (3-PIN)	
		1	**155-2270**	4	KIT-CONNECTING PLUG (2-PIN)	
		1	**155-2271**	1	KIT-CONNECTING PLUG (4-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS & WEDGE)	
		1	**9X-6772**	1	STRAP-CABLE	
	10	1,2	**124-0174**	13	CLIP	
	11	1,2	**130-5300**	3	CLIP	
	12	1	**174-5907**	1	CLIP	
	13	2	**3J-1907**	1	SEAL-O-RING	
	14	2	**5P-9085**	5	CLIP	
	15	1	**5P-9299**	2	CLIP (LOOP)	
	16	1	**6D-3479**	2	CLIP	
	17	1	**7V-6571**	2	GROMMET	
	18	2	**7X-0387**	3	BOLT (7/8-9X4-IN)	
	19	2	**8C-6913**	3	WASHER-HARD (24X41.5X4-MM THK)	
	20	1,2	**8T-4121**	27	WASHER-HARD (11X21X2.5-MM THK)	
M	21	1,2	**8T-4137**	21	BOLT (M10X1.5X20-MM)	
M	22	1	**8T-4192**	2	BOLT (M12X1.75X25-MM)	
	23	1	**8T-4223**	2	WASHER-HARD (13.5X25.5X3-MM THK)	
	24	1,2	**9M-8406**	3	CLIP (LOOP)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION

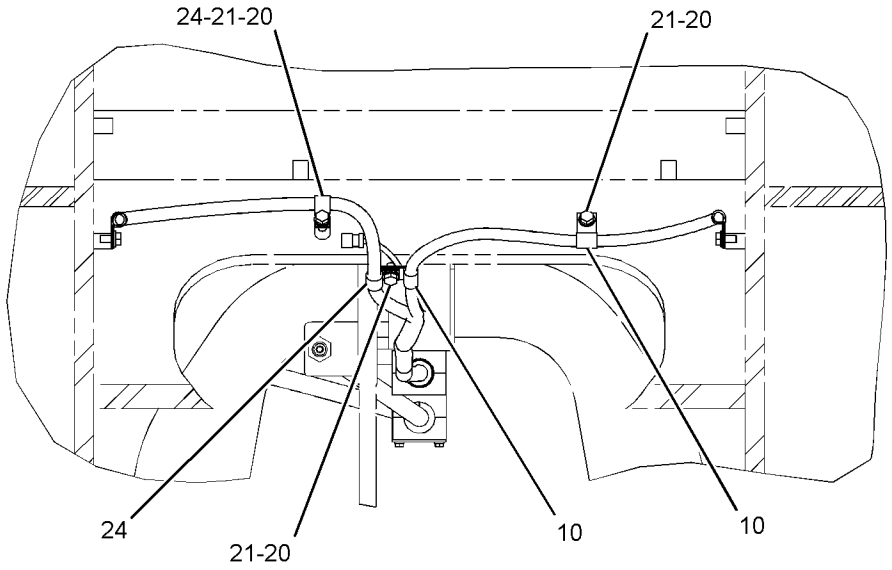
234-7866 **WIRING GP-FRONT (**contd.**)** **i02318846**



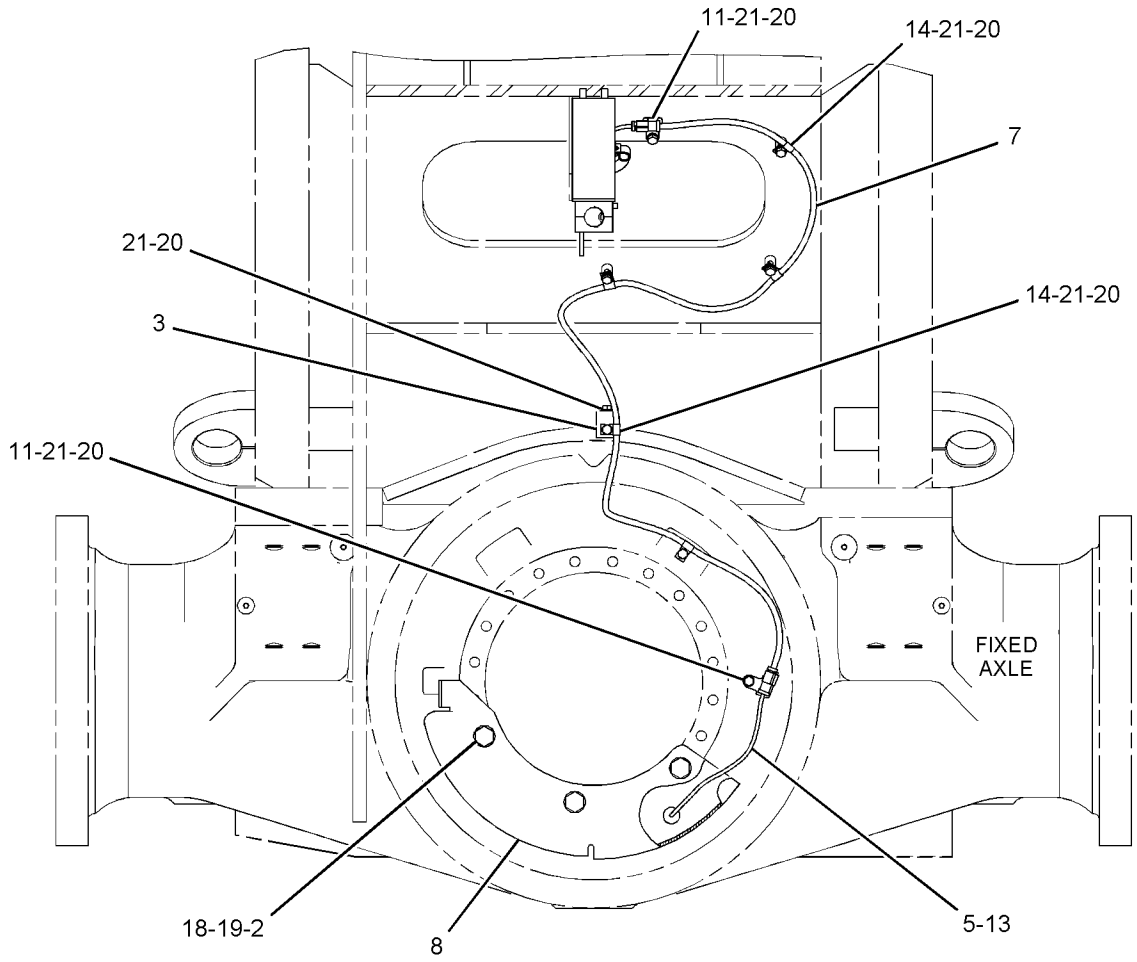


GRAPHIC #1 g01174518

234-7866 **WIRING GP-FRONT (**contd.**)** **i02318846**



SECTION A-A



SECTION B-B

GRAPHIC #2 <END> g01174519

219-5010 WIRING GP-LUBRICATION–CUSTOM

S/N: BTW1-217

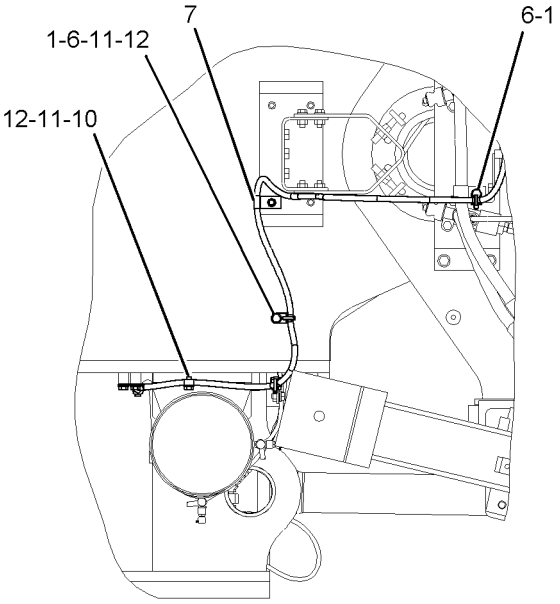
PART OF 353-4284 OPTION AR-SERVICE

SMCS-1408 **i04002070**

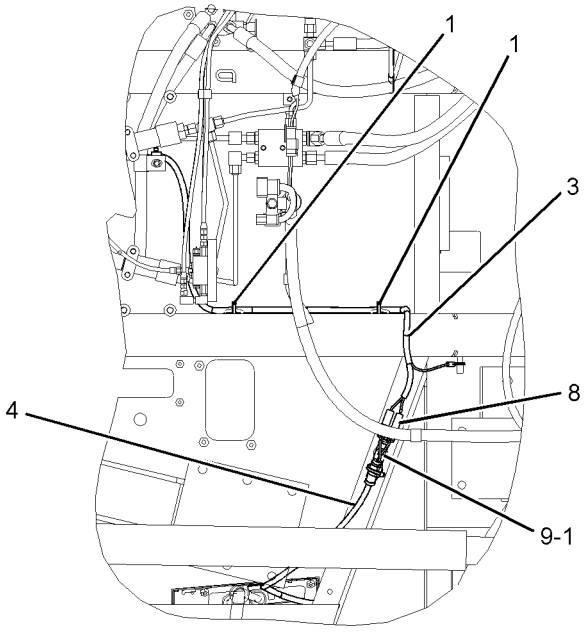
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1,2	**3S-2093**	11	STRAP-CABLE	
	2	2	**116-5710**	1	GROMMET	
	3	1	**219-5018**	1	HARNESS AS-CONTROL (AUTOMATIC LUBRICATION SYSTEM)	
		1	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	**9G-2731**	2	HOLDER AS-FUSE	
		1	**155-2260**	1	KIT-CONNECTING PLUG (3-PIN)	
					(INCLUDES PLUG AS & WEDGE)	
	4	1	**219-5043**	1	HARNESS AS-SWITCH (AUTOMATIC LUBRICATION SYSTEM)	
		1	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
		1	**102-8804**	1	KIT-RECEPTACLE (4-PIN)	
					(EACH KIT INCLUDES RECEPTACLE AS & WEDGE)	
		1	**155-2271**	1	KIT-CONNECTING PLUG (4-PIN)	
					(INCLUDES PLUG AS & WEDGE)	
	5	1	**115-3069**	1	CLIP AS-CONNECTING (3-PIN)	
	6	1	**132-5789**	2	CLIP (LADDER)	
	7	1	**163-1802**	1	CLIP	
	8	1	**3K-8781**	2	FUSE (7.5-AMPERE)	
	9	1	**4P-7581**	3	CLIP (LADDER)	
	10	1,2	**5P-9085**	4	CLIP	
	11	1	**8T-4121**	5	WASHER-HARD (11X21X2.5-MM THK)	
M	12	1	**8T-4137**	5	BOLT (M10X1.5X20-MM)	

M - METRIC PART

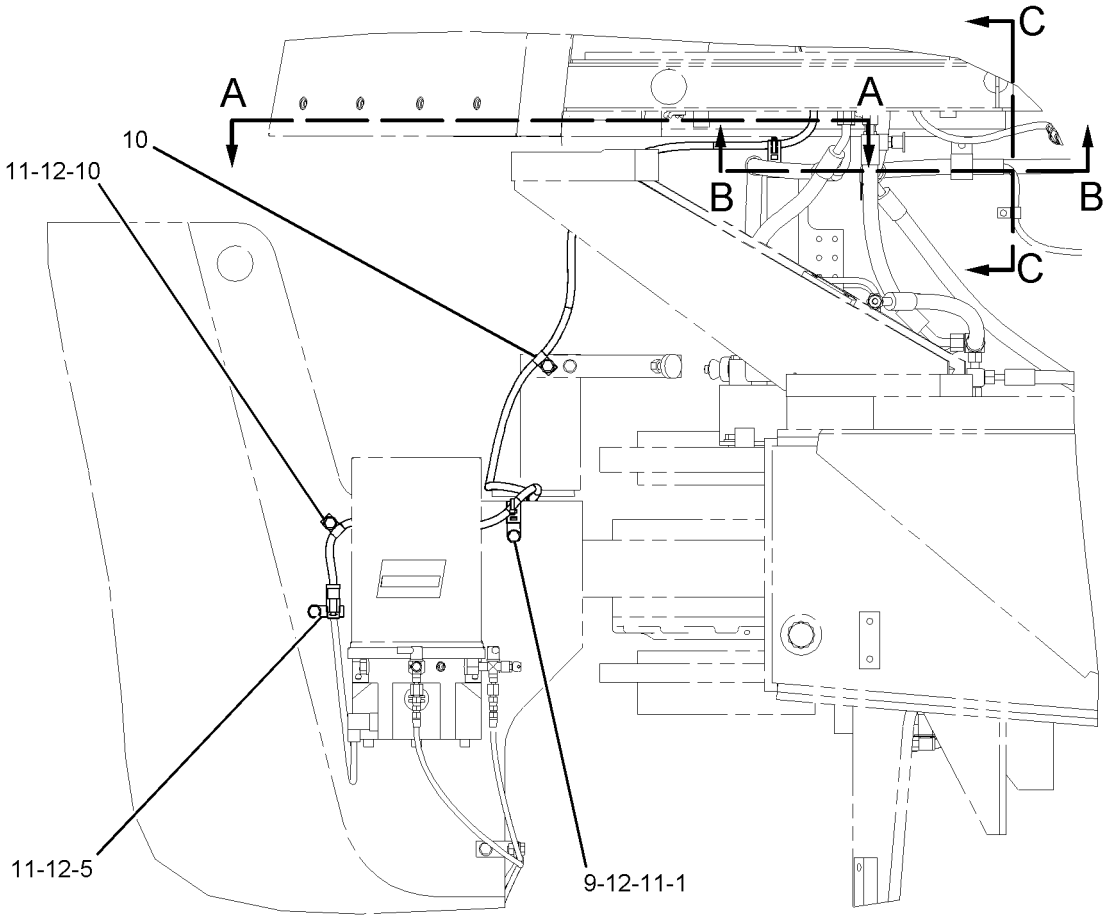
219-5010 **WIRING GP-LUBRICATION (**contd.**)** **i04002070**



SECTION A-A



SECTION B-B



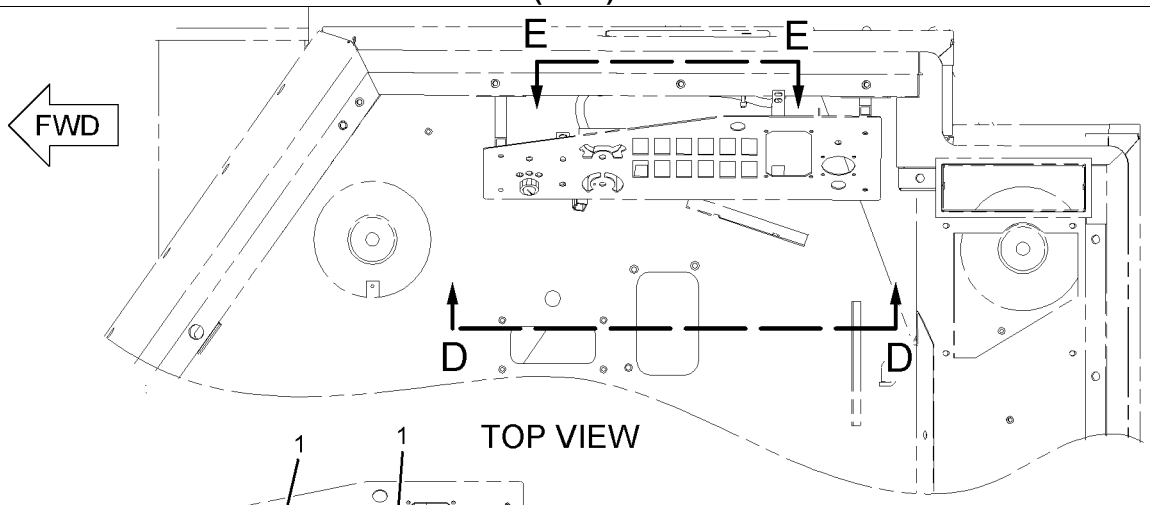
LEFT SIDE VIEW

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

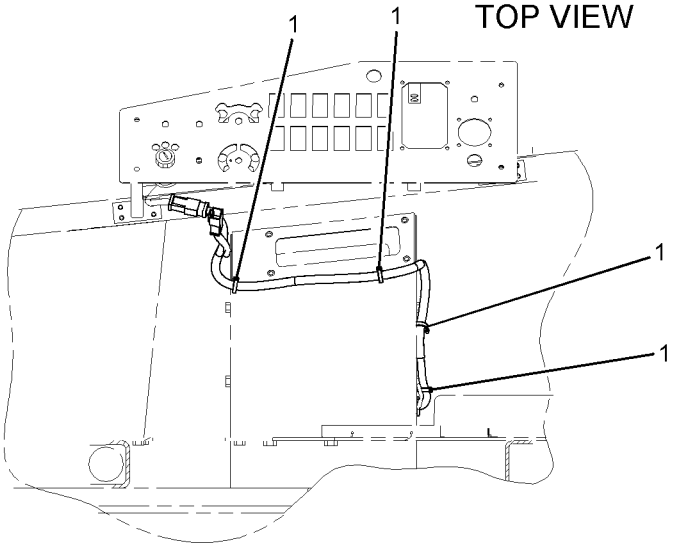
GRAPHIC #1

g01074160

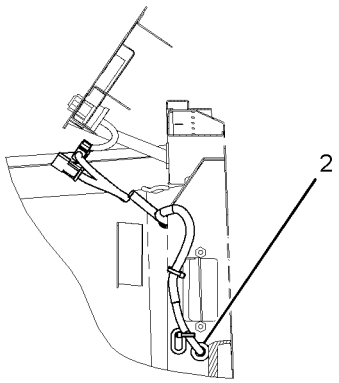
219-5010 **WIRING GP-LUBRICATION (**contd.**)** **i04002070**



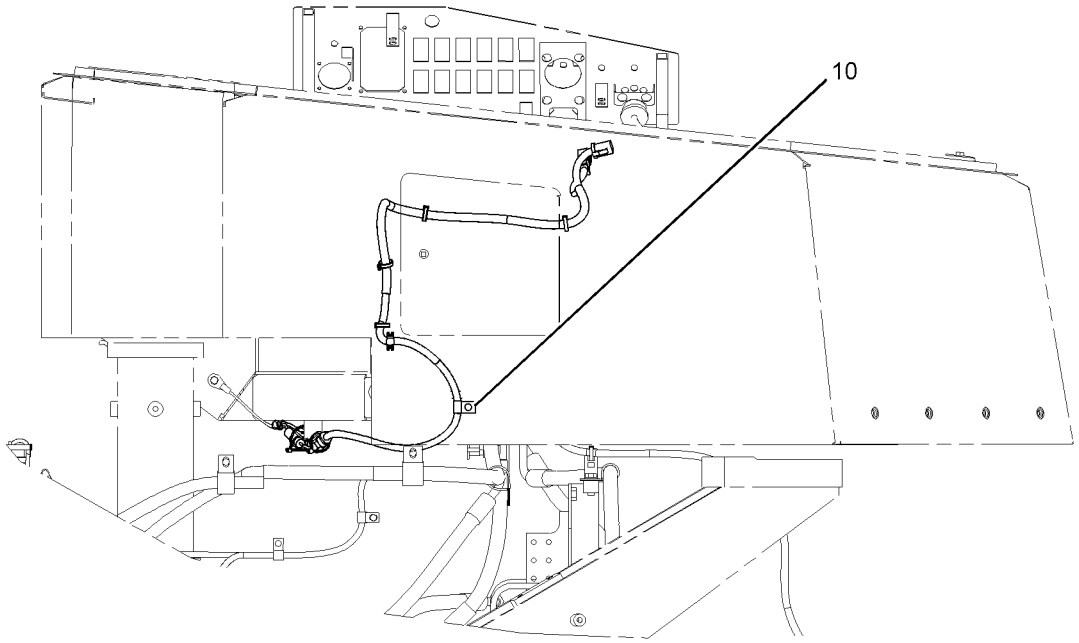
TOP VIEW



SECTION D-D



SECTION C-C



SECTION E-E

GRAPHIC #2

<END>

g01074162

219-5010 WIRING GP-LUBRICATION–CUSTOM

S/N: BTW218-UP

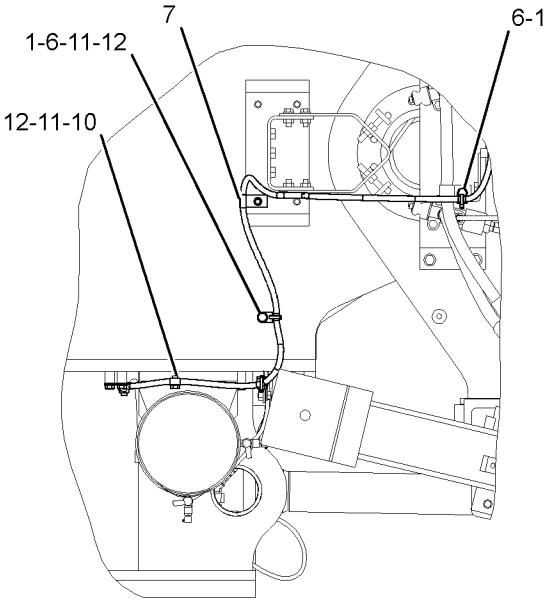
PART OF 353-4284 OPTION AR-SERVICE

SMCS-1408 **i04847477**

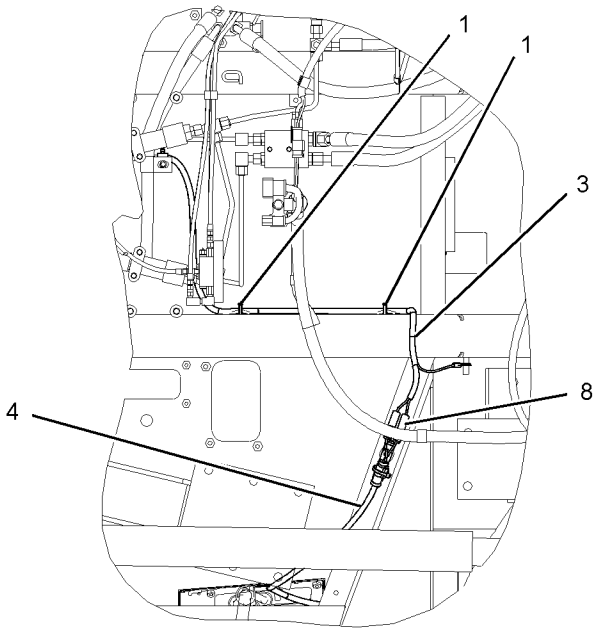
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	**3S-2093**	6	STRAP-CABLE	
Y	3	1	**219-5018**	1	HARNESS AS-CONTROL (AUTOMATIC LUBRICATION SYSTEM)	382
CY	4	1	*375-0076*	1	WIRING GP-LUBRICATION	627
	5	1	**115-3069**	1	CLIP AS-CONNECTING (3-PIN)	
	6	1	**132-5789**	2	CLIP (LADDER)	
	7	1	**2T-3019**	1	CLIP	
	8	1	**3K-8781**	2	FUSE (7.5-AMPERE)	
C	9	1	**4P-7581**	1	CLIP (LADDER)	
C	10	1,2	**5P-9085**	3	CLIP	
	11	1	**8T-4121**	5	WASHER-HARD (11X21X2.5-MM THK)	
M	12	1	**8T-4137**	5	BOLT (M10X1.5X20-MM)	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
Y - SEPARATE ILLUSTRATION

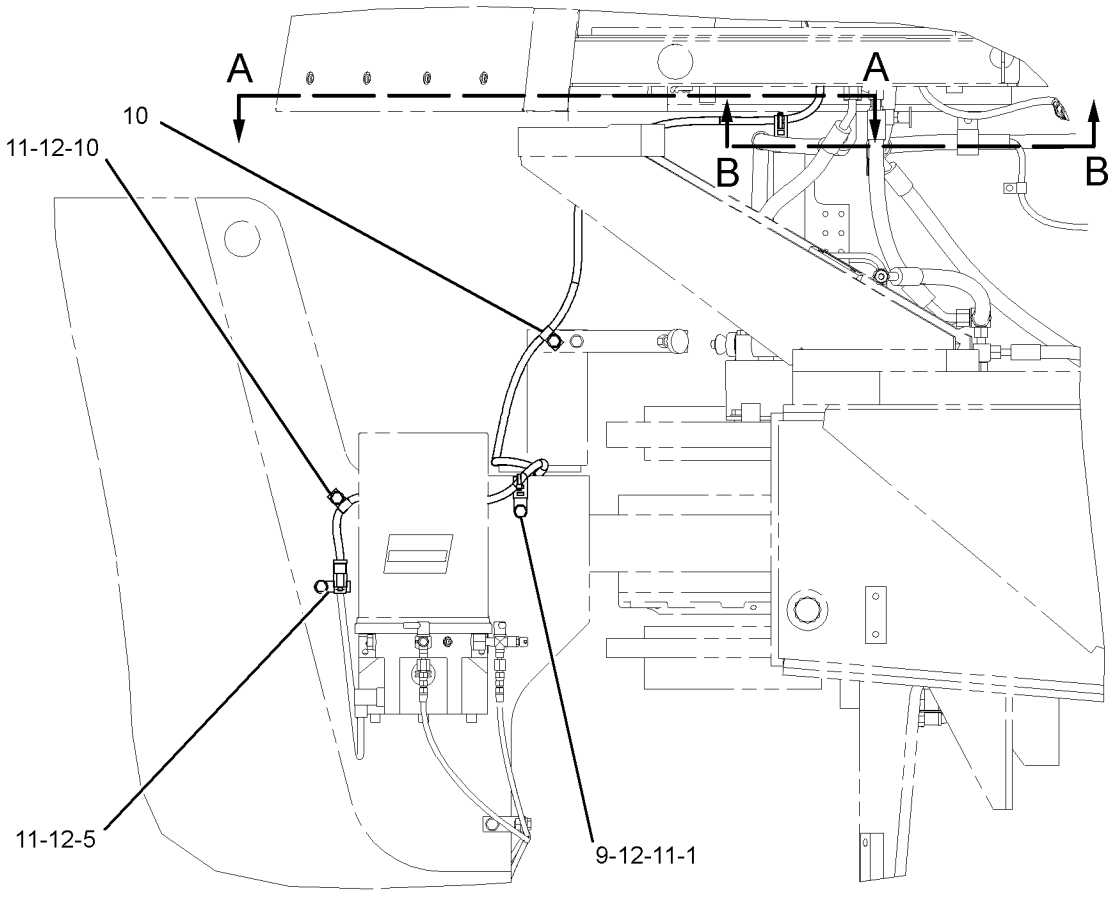
219-5010 **WIRING GP-LUBRICATION (**contd.**)** **i04847477**



SECTION A-A



SECTION B-B



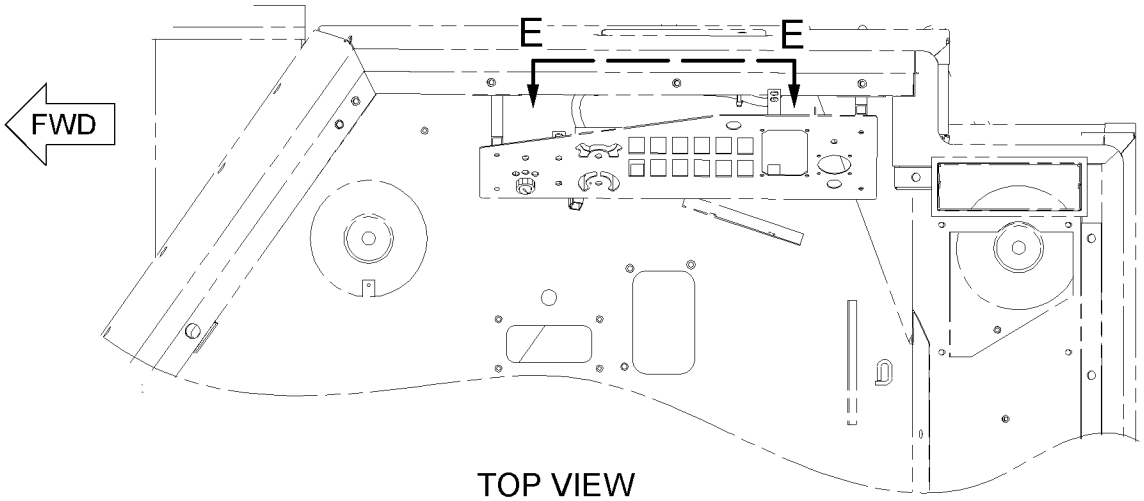
LEFT SIDE VIEW

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

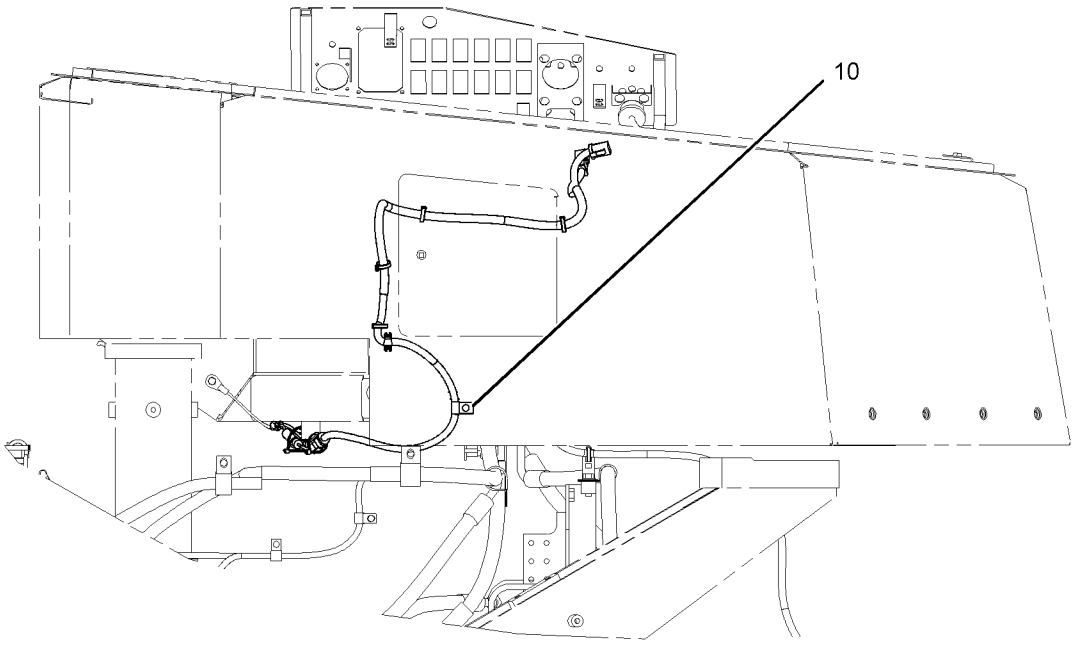
GRAPHIC #1

g03002672

219-5010 **WIRING GP-LUBRICATION (**contd.**)** **i04847477**



TOP VIEW



SECTION E-E

GRAPHIC #2 <END> g03002682

375-0076 WIRING GP-LUBRICATION

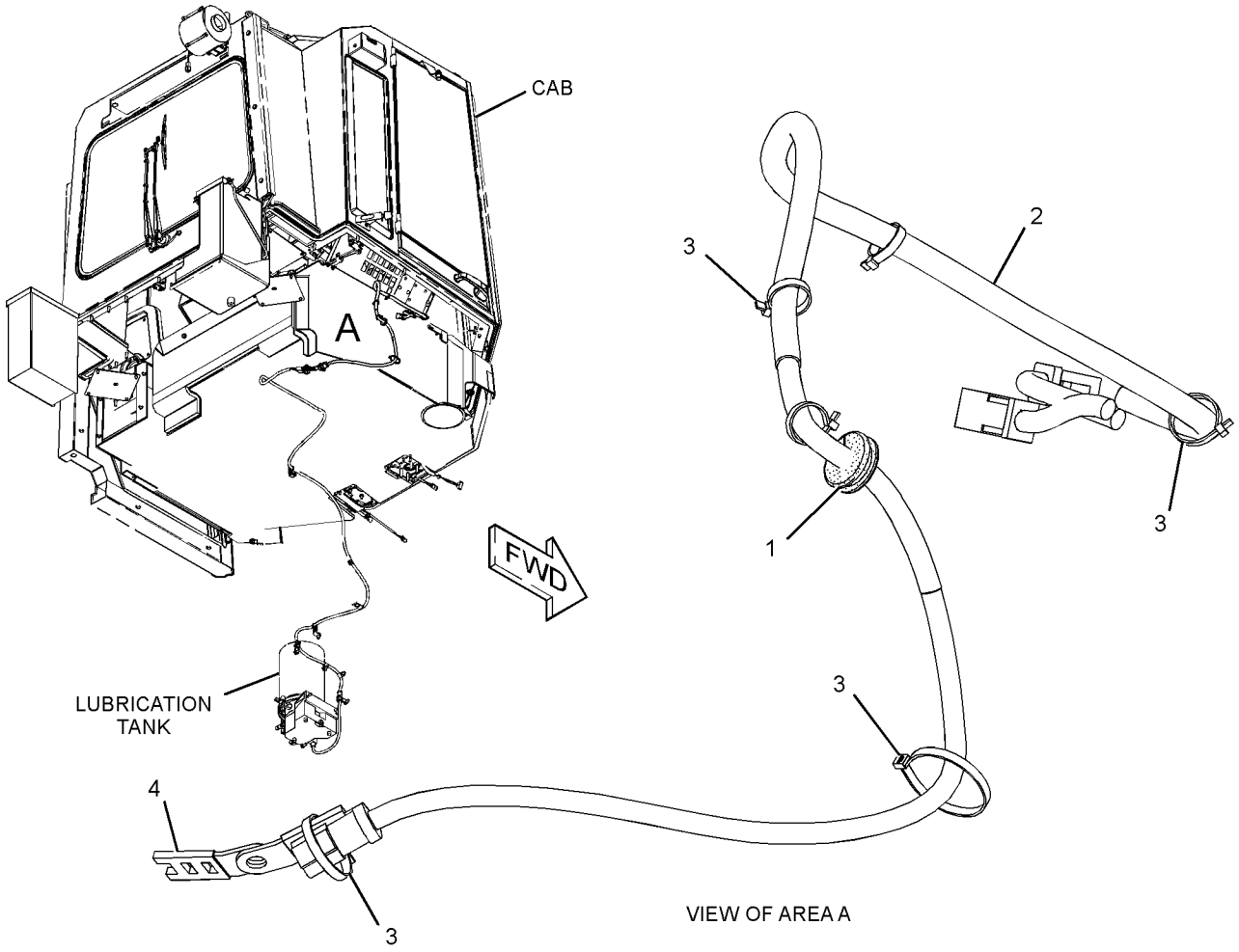
S/N: BTW218-UP

PART OF 219-5010 WIRING GP-LUBRICATION

SMCS-1408 **i04847490**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**116-5710**	1	GROMMET	
	2	1	**219-5043**	1	HARNESS AS-SWITCH (AUTOMATIC LUBRICATION SYSTEM)	
		1	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
		1	**102-8804**	1	KIT-RECEPTACLE (4-PIN)	
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)	
		1	**155-2271**	1	KIT-CONNECTING PLUG (4-PIN)	
					(KIT INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
		1	**8T-8729**	6	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	**8T-8730**	4	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		1	**8T-8737**	1	PLUG-SEAL	
E		1	**114-8843**		SLEEVE-PLASTIC (20-CM)	
E		1	**119-3662**		TUBE-HEAT SHRINK (10.85-MM DIA) (14-CM)	
	3	1	**3S-2093**	6	STRAP-CABLE	
	4	1	**4P-7581**	2	CLIP (LADDER)	

E - ORDER BY THE CENTIMETER



GRAPHIC #1 <END> g03170856

234-7878 WIRING GP-MACHINE

S/N: BTW1-180

PART OF 230-3276 ELECTRICAL AR

SMCS-1408 **i02424936**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**8F-0492**	1	SPACER (0.531X1.125X0.625-IN THK)	
	2	1	**8X-7517**	1	BRACKET AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	3	2,3,4	**9X-6772**	12	STRAP-CABLE	
	4	3	**102-0496**	1	PLATE	
	5	1,2,4	**103-0010**	4	BRACKET AS	
M	6	1	**8T-4186**	1	BOLT (M10X1.5X40-MM)	
Y	7	4	**134-2252**	1	SENSOR GP-TEMPERATURE (IMPLEMENT, BRAKE OIL)	495
Y	7A	3	**134-2252**	1	SENSOR GP-TEMPERATURE (REAR AXLE OIL)	495
	8	1	**139-1398**	2	CLIP (LOOP)	
	9	4	**142-1657**	1	BRACKET AS	
M		4	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	10	3	**159-8329**	1	BRACKET AS	
Y	11	4	**164-7577**	1	SWITCH GP-BYPASS (POWER TRAIN OIL FILTER)	530
	12	4	**174-4312**	1	SWITCH AS-PRESSURE (SERVICE BRAKE OIL)	
	13	3	**174-4613**	1	ANGLE AS	
	14	3	**183-3681**	1	BRACKET AS	
Y	15	2	**193-2550**	1	SENSOR GP-SPEED (MAGNETIC, HIGH OUTPUT) (TRANSMISSION OUTPUT)	490
	16	4	**229-3177**	1	PLATE AS	
		4	**6V-6716**	2	RIVET-TRUSS HEAD	
		4	**109-1645**	1	CLIP	
	17	1	**236-4903**	1	BRACKET AS	
	18	1	**236-7711**	1	HARNESS AS-SENSOR (REAR AXLE OIL TEMPERATURE)	
		1	**155-2260**	1	KIT-CONNECTING PLUG (3-PIN)	
		1	**155-2271**	1	KIT-CONNECTING PLUG (4-PIN)	
					(EACH KIT INCLUDES PLUG AS & WEDGE)	
		1	**155-2272**	1	PLUG AS-CONNECTOR (4-PIN)	
	19	4	**236-7713**	1	HARNESS AS-SENSOR (BRAKE OIL PRESS, HYD OIL TEMP)	
		4	**102-8805**	1	KIT-RECEPTACLE (6-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		4	**155-2260**	2	KIT-CONNECTING PLUG (3-PIN)	
		4	**155-2274**	1	KIT-CONNECTING PLUG (6-PIN)	
					(EACH KIT INCLUDES PLUG AS & WEDGE)	
	20	1	**266-1463**	1	BRACKET	
	21	4	**267-6647**	1	CABLE AS	
	22	1	**267-8959**	1	HARNESS AS-CHASSIS (MAIN)	
		1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
		1	**102-8804**	2	KIT-RECEPTACLE (4-PIN)	
		1	**102-8805**	2	KIT-RECEPTACLE (6-PIN)	
		1	**102-8801**	1	KIT-RECEPTACLE (12-PIN)	
					(EACH KIT INCLUDES RECEPTACLE AS & WEDGE)	
		1	**110-6845**	1	PLUG AS-CONNECTOR (40-PIN)	
		1	**110-6846**	1	PLUG AS-CONNECTOR (40-PIN)	
		1	**110-6847**	1	PLUG AS-CONNECTOR (40-PIN)	
		1	**3T-3412**	1	PLUG AS-CONNECTOR (37-PIN)	
		1	**160-7689**	1	PLUG AS-CONNECTOR (70-PIN)	
		1	**8N-1513**	1	RECEPTACLE AS-CONNECTOR (37-PIN)	

234-7878 **WIRING GP-MACHINE (**contd.**)** **i02424936**

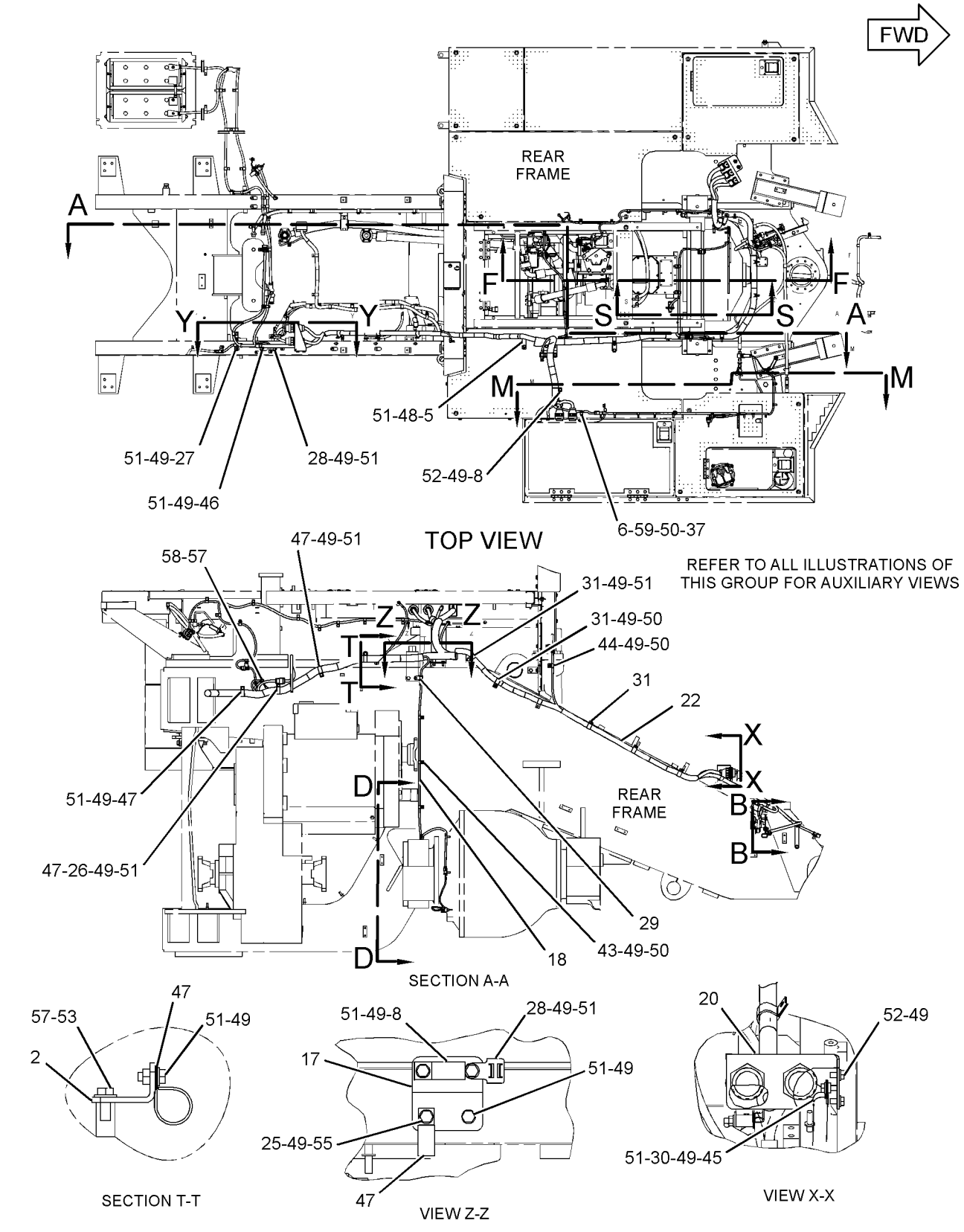
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		1	**8N-1518**	1	PLUG AS-CONNECTOR (25-PIN)	
		1	**8N-1521**	4	BELL AS-END	
		1	**155-2260**	2	KIT-CONNECTING PLUG (3-PIN)	
		1	**155-2270**	3	KIT-CONNECTING PLUG (2-PIN)	
		1	**155-2271**	1	KIT-CONNECTING PLUG (4-PIN)	
		1	**155-2274**	2	KIT-CONNECTING PLUG (6-PIN)	
					(EACH KIT INCLUDES PLUG AS & WEDGE)	
	23	2	**268-7944**	1	HARNESS AS-SENSOR (XMSN SPEED, TEMPERATURE)	
		2	**102-8801**	1	KIT-RECEPTACLE (12-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		2	**6D-5256**	1	PLUG AS (14-PIN)	
		2	**155-2255**	1	KIT-CONNECTING PLUG (12-PIN)	
		2	**155-2270**	1	KIT-CONNECTING PLUG (2-PIN)	
					(EACH KIT INCLUDES PLUG AS & WEDGE)	
	24	2	**269-8909**	1	BRACKET AS	
	25	1	**097-4896**	1	SPACER (12X20X23-MM THK)	
	26	1	**115-3073**	1	CLIP AS-CONNECTING	
	27	1	**124-1479**	1	CLIP	
	28	1,2,3,4	**130-5300**	13	CLIP	
	29	1	**130-5301**	1	CLIP	
	30	1	**132-7551**	1	SPACER (11X19X6-MM THK)	
	31	1	**149-7738**	6	CLIP	
	32	4	**1S-0994**	1	CLIP (LOOP)	
	33	2	**2T-3019**	1	CLIP	
	34	3	**3E-6909**	2	CLIP	
	35	3,4	**3J-1907**	3	SEAL-O-RING	
	36	2,4	**4D-7388**	4	CLIP	
	37	1,2,3,4	**4D-7794**	14	CLIP	
	38	2	**4D-8123**	3	CLIP	
	39	2	**4D-9517**	1	CLIP	
	40	3	**4K-8864**	1	CLIP	
	41	2	**4P-7429**	1	CLIP (LADDER)	
	42	2,4	**4P-8134**	2	CLIP (LADDER)	
	43	1,2,3,4	**5P-9085**	13	CLIP	
	44	1	**5P-9297**	1	CLIP	
	45	1	**6D-4244**	1	CLIP	
	46	1	**6D-4246**	1	CLIP (LOOP)	
	47	1,4	**7D-7233**	7	CLIP	
	48	1,3,4	**7X-7729**	5	WASHER (11X25X3-MM THK)	
	49	1,2,3,4	**8T-4121**	73	WASHER-HARD (11X21X2.5-MM THK)	
M	50	1,2,3,4	**8T-4133**	13	NUT (M10X1.5-THD)	
M	51	1,2,3,4	**8T-4136**	52	BOLT (M10X1.5X25-MM)	
M	52	1,2	**8T-4137**	8	BOLT (M10X1.5X20-MM)	
M	53	1,2	**8T-4139**	3	BOLT (M12X1.75X30-MM)	
M	54	2	**8T-4183**	1	BOLT (M12X1.75X40-MM)	
M	55	1	**8T-4185**	1	BOLT (M10X1.5X50-MM)	
M	56	3	**8T-4195**	2	BOLT (M10X1.5X30-MM)	
	57	1,2,4	**8T-4223**	6	WASHER-HARD (13.5X25.5X3-MM THK)	
M	58	1,2,4	**8T-4244**	3	NUT (M12X1.75-THD)	
	59	1	**7W-8106**	1	SPACER (11.13X19.05X15-MM THK)	

234-7878 **WIRING GP-MACHINE (**contd.**)** **i02424936**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	60	2	**8T-6466**	1	BOLT (M10X1.5X60-MM)	
	61	2	**1F-5835**	1	SPACER (0.63X0.84X1.47-MM THK)	

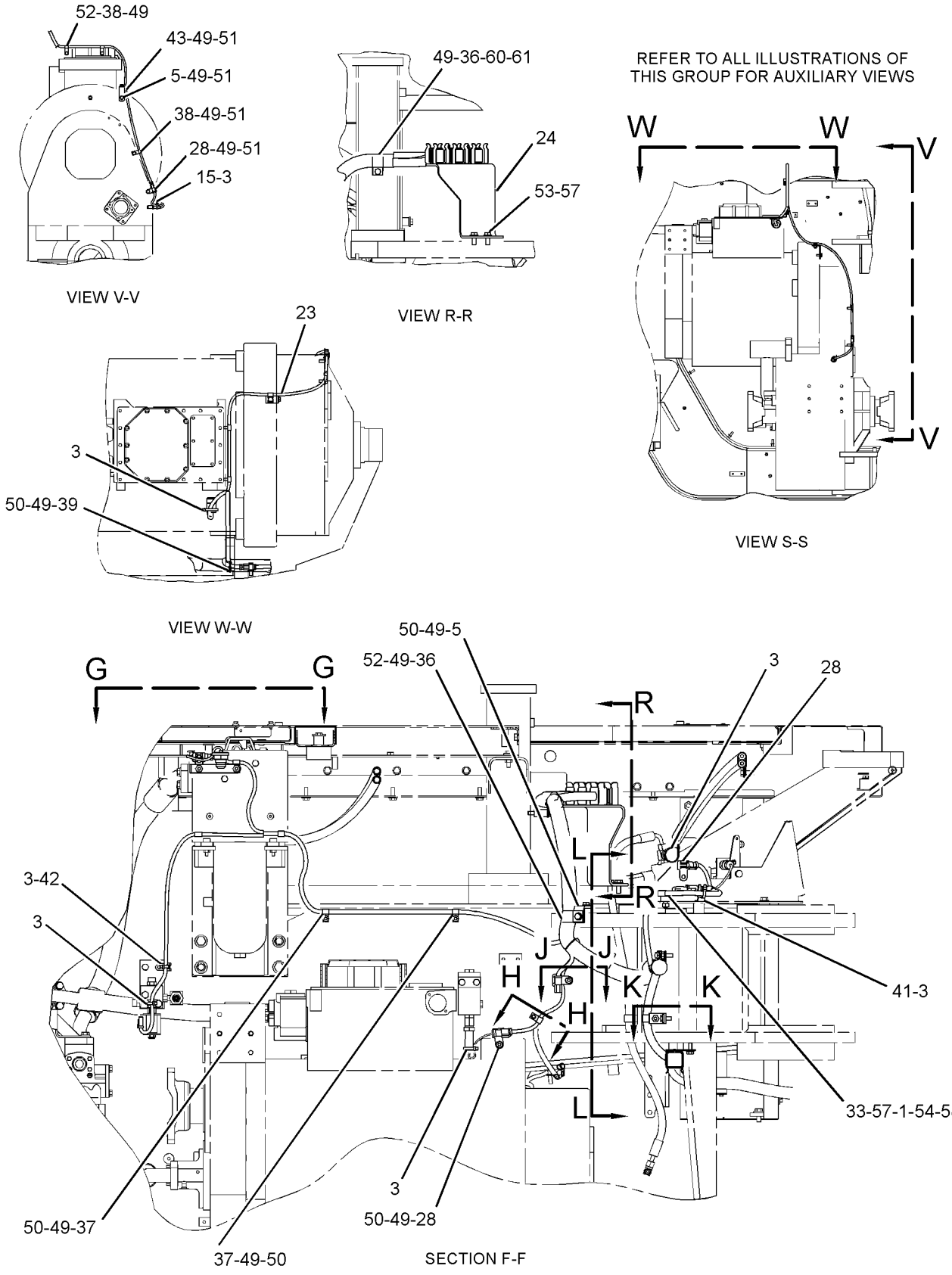
M - METRIC PART
Y - SEPARATE ILLUSTRATION

234-7878 **WIRING GP-MACHINE (**contd.**)** **i02424936**



GRAPHIC #1 g01216225

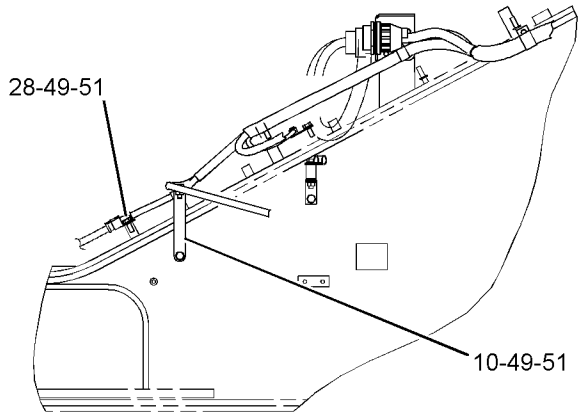
234-7878 **WIRING GP-MACHINE (**contd.**)** **i02424936**



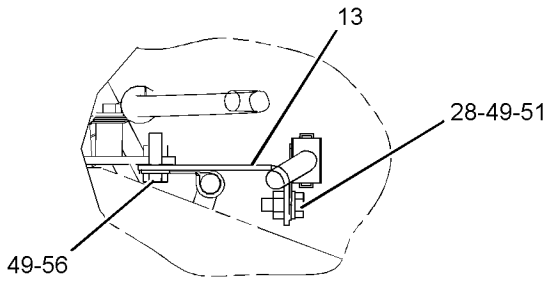
GRAPHIC #2 g01216223

234-7878 **WIRING GP-MACHINE (**contd.**)** **i02424936**

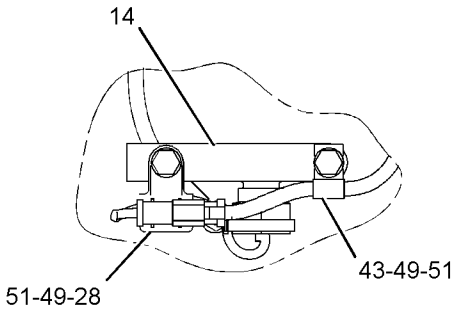
REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



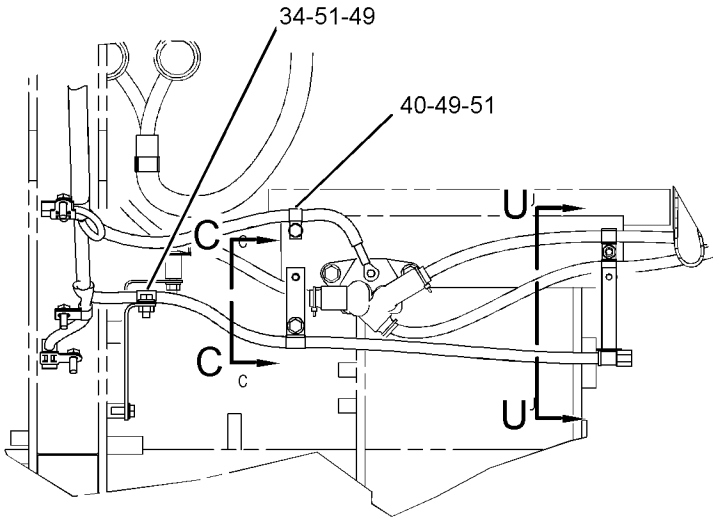
SECTION Y-Y



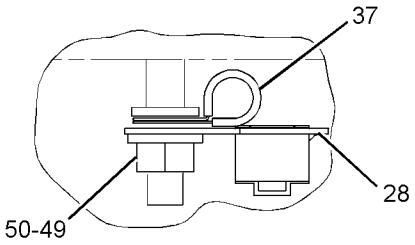
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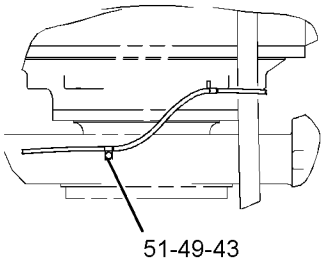
SECTION AA-AA



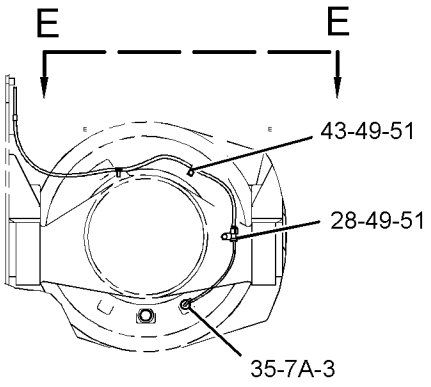
SECTION B-B



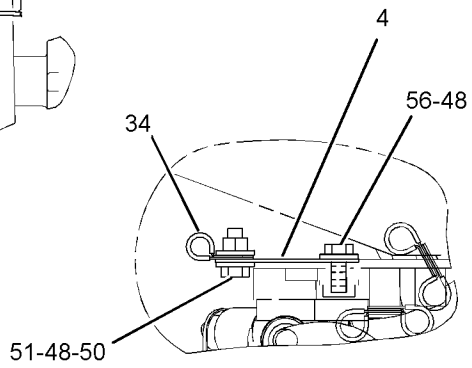
SECTION J-J



VIEW E-E



VIEW D-D

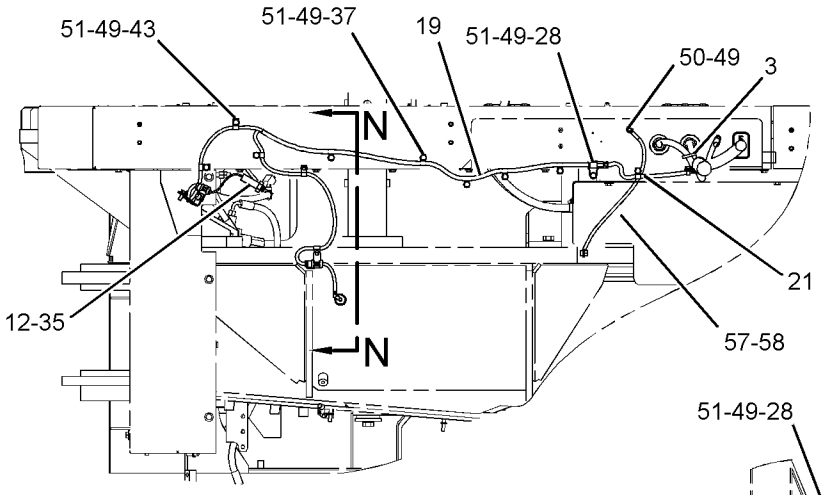


SECTION C-C

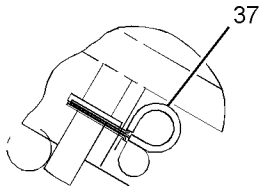
GRAPHIC #3

g01216226

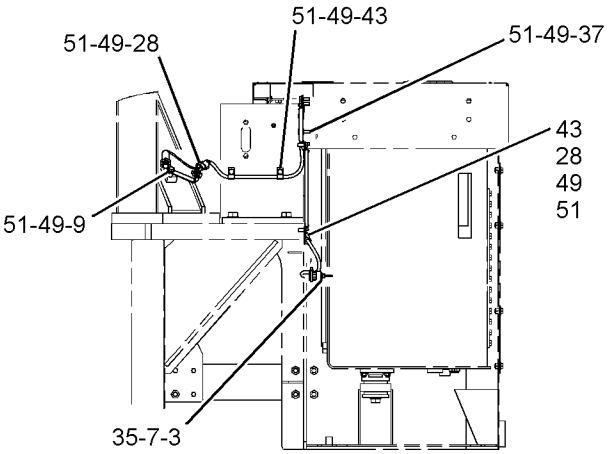
234-7878 **WIRING GP-MACHINE (**contd.**)** **i02424936**



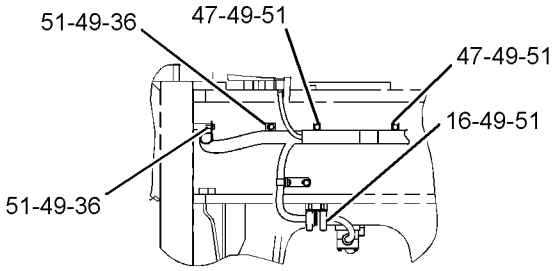
SECTION M-M



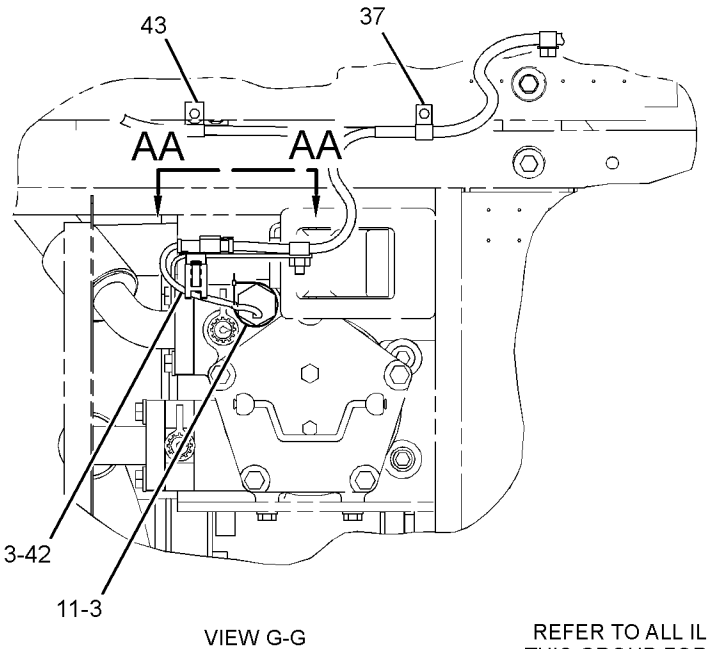
SECTION H-H



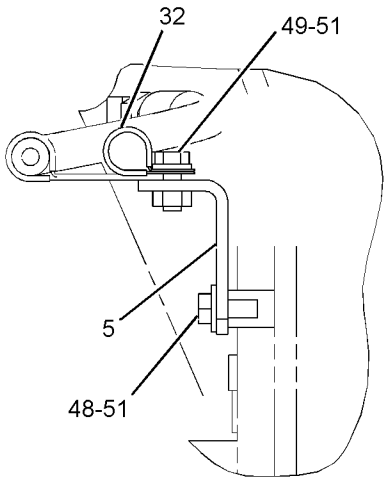
SECTION N-N



SECTION L-L



VIEW G-G



SECTION K-K

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

GRAPHIC #4 <END> g01216230

234-7878 WIRING GP-MACHINE

S/N: BTW181-185

PART OF 230-3276 ELECTRICAL AR

SMCS-1408 **i03248590**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**8F-0492**	1	SPACER (0.531X1.125X0.625-IN THK)	
	2	1	**8X-7517**	1	BRACKET AS	
		1	**2W-7940**	1	BRACKET	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	3	2,3,4	**9X-6772**	12	STRAP-CABLE	
	4	3	**102-0496**	1	PLATE	
	5	1,2,4	**103-0010**	4	BRACKET AS	
					(EACH INCLUDES)	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
M	6	1	**8T-4186**	1	BOLT (M10X1.5X40-MM)	
Y	7	4	**134-2252**	1	SENSOR GP-TEMPERATURE (IMPLEMENT, BRAKE OIL)	495
Y	7A	3	**134-2252**	1	SENSOR GP-TEMPERATURE (REAR AXLE OIL)	495
	8	1	**139-1398**	2	CLIP (LOOP)	
	9	4	**142-1657**	1	BRACKET AS	
M		4	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
C	10	3	**118-6878**	1	BRACKET AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
Y	11	4	**164-7577**	1	SWITCH GP-BYPASS (POWER TRAIN OIL FILTER)	530
	12	4	**327-4608**	1	SWITCH AS-PRESSURE (SERVICE BRAKE OIL)	
	13	3	**174-4613**	1	ANGLE AS	
	14	3	**183-3681**	1	BRACKET AS	
Y	15	2	**193-2550**	1	SENSOR GP-SPEED (MAGNETIC, HIGH OUTPUT) (TRANSMISSION OUTPUT)	490
	16	4	**229-3177**	1	PLATE AS	
		4	**6V-6716**	2	RIVET-TRUSS HEAD	
		4	**109-1645**	1	CLIP	
	17	1	**236-4903**	1	BRACKET AS	
	18	1	**236-7711**	1	HARNESS AS-SENSOR (REAR AXLE OIL TEMPERATURE)	
D		1	**5P-6038**		WRAP (SPIRAL) (0.4-M)	
		1	**186-3736**	6	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		1	**8T-8737**	1	PLUG-SEAL	
E		1	**114-8843**		SLEEVE-PLASTIC (40-CM)	
		1	**155-2260**	1	KIT-CONNECTING PLUG (3-PIN)	
		1	**155-2271**	1	KIT-CONNECTING PLUG (4-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
	19	4	**236-7713**	1	HARNESS AS-SENSOR (BRAKE OIL PRESS, HYD OIL TEMP)	
		4	**186-3735**	5	PIN-CONNECTOR (16-GA TO 18-GA)	
		4	**186-3736**	5	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		4	**8T-8737**	11	PLUG-SEAL	
E		4	**114-8843**		SLEEVE-PLASTIC (80-CM)	
		4	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
		4	**102-8805**	1	KIT-RECEPTACLE (6-PIN)	
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)	
		4	**155-2260**	2	KIT-CONNECTING PLUG (3-PIN)	
		4	**155-2274**	1	KIT-CONNECTING PLUG (6-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	

234-7878 **WIRING GP-MACHINE (**contd.**)** **i03248590**

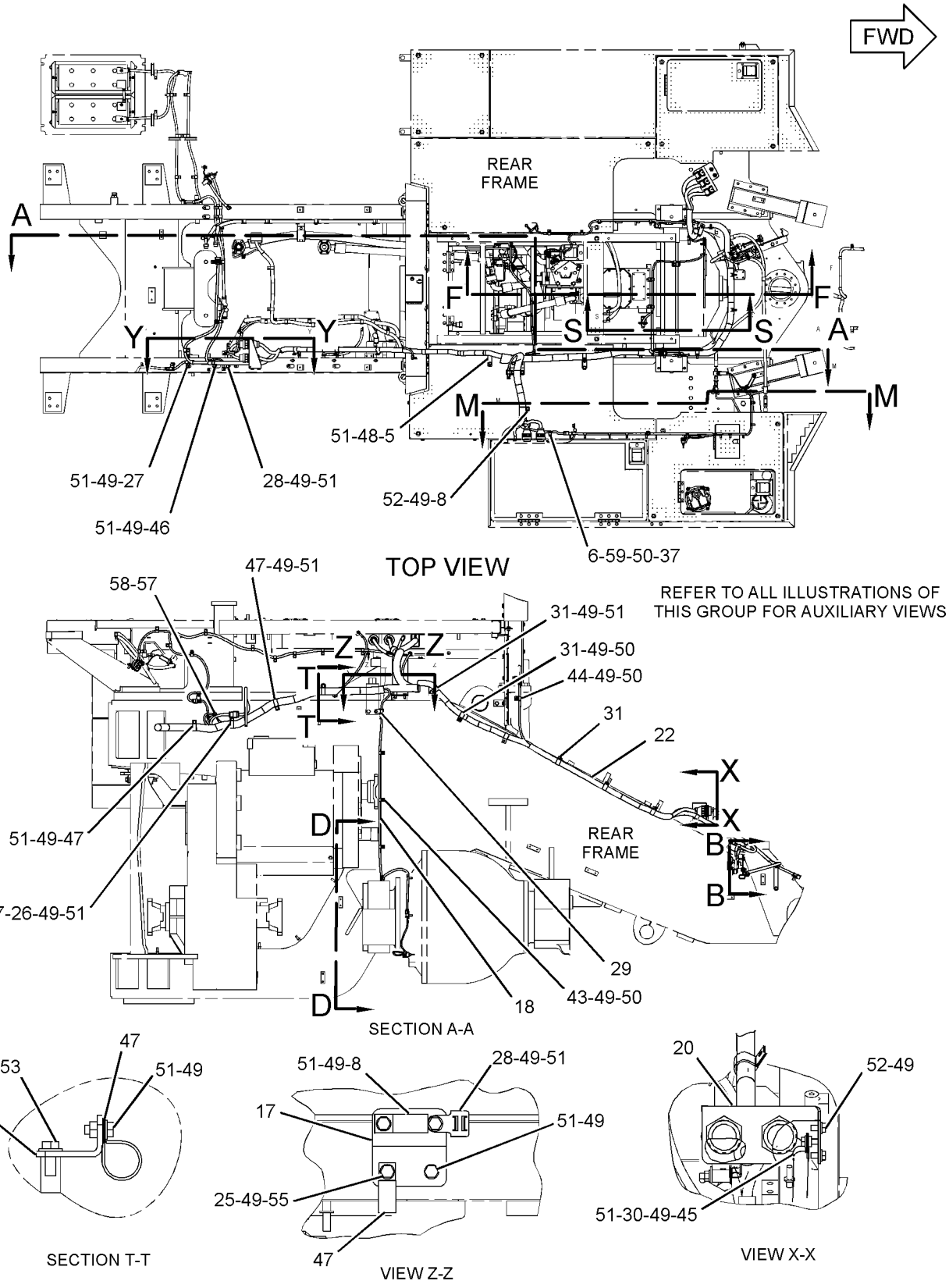
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	20	1	**266-1463**	1	BRACKET	
	21	4	**267-6647**	1	CABLE AS	
		1	**3T-4688**	1	TERMINAL-RING (4-GA, 7/16-IN SCREW)	
		1	**9G-4344**	1	TERMINAL-RING (4-GA, 1/2-IN SCREW)	
	22	1	**267-8959**	1	HARNESS AS-CHASSIS (MAIN)	
		1	**3T-3412**	1	PLUG AS-CONNECTOR (37-PIN)	
		1	**7G-7917**	50	PLUG-SEAL	
		1	**7G-7918**	1	PLUG-SEAL	
		1	**7G-7920**	4	PLUG-SEAL	
		1	**8N-1518**	1	PLUG AS-CONNECTOR (25-PIN)	
		1	**8N-1521**	4	BELL AS-END	
		1	**8N-1540**	3	PIN-CONNECTOR (12-GA TO 14-GA)	
		1	**8N-1541**	4	SOCKET-CONNECTOR (12-GA TO 14-GA)	
		1	**8N-1542**	1	PIN-CONNECTOR (10-GA)	
		1	**8N-1543**	1	SOCKET-CONNECTOR (10-GA)	
		1	**8N-1544**	2	PIN-CONNECTOR (8-GA)	
		1	**8N-1545**	2	SOCKET-CONNECTOR (8-GA)	
		1	**186-3735**	34	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	**186-3736**	170	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		1	**8T-8737**	54	PLUG-SEAL	
		1	**8T-8827**	1	BOOT (RED)	
		1	**9W-0844**	44	SOCKET-CONNECTOR (14-GA TO 16-GA)	
		1	**9W-0852**	2	PIN-CONNECTOR (14-GA TO 16-GA)	
		1	**9X-6772**	7	STRAP-CABLE	
		1	**9X-6856**	51	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	**9X-6857**	5	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		1	**9X-9120**	1	BOOT (RED)	
E		1	**114-8843**		SLEEVE-PLASTIC (220-CM)	
E		1	**114-8845**		SLEEVE-PLASTIC (160-CM)	
E		1	**119-3662**		TUBE-HEAT SHRINK (10.85-MM DIA) (1-CM)	
E		1	**125-7874**		TUBE-HEAT SHRINK (5.72-MM DIA) (50-CM)	
E		1	**125-7875**		TUBE-HEAT SHRINK (7.44-MM DIA) (35-CM)	
		1	**155-2260**	2	KIT-CONNECTING PLUG (3-PIN)	
		1	**155-2270**	3	KIT-CONNECTING PLUG (2-PIN)	
		1	**155-2271**	1	KIT-CONNECTING PLUG (4-PIN)	
		1	**155-2274**	2	KIT-CONNECTING PLUG (6-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
		1	**160-7689**	1	PLUG AS-CONNECTOR (70-PIN)	
		1	**159-9322**	1	SEAL-O-RING	
		1	**267-8338**	1	TERMINAL-RING	
		1	**8N-1517**	1	RECEPTACLE AS-CONNECTOR (25-PIN)	
		1	**8N-1522**	1	NUT (2-1/4-16-THD)	
		1	**8N-1513**	1	RECEPTACLE AS-CONNECTOR (37-PIN)	
		1	**8N-1522**	1	NUT (2-1/4-16-THD)	
		1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
		1	**102-8804**	2	KIT-RECEPTACLE (4-PIN)	
		1	**102-8805**	2	KIT-RECEPTACLE (6-PIN)	
		1	**102-8801**	2	KIT-RECEPTACLE (12-PIN)	
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)	
	23	2	**268-7944**	1	HARNESS AS-SENSOR (XMSN SPEED, TEMPERATURE)	

234-7878 **WIRING GP-MACHINE (**contd.**)** **i03248590**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		2	**102-8801**	1	KIT-RECEPTACLE (12-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		2	**6D-5256**	1	PLUG AS (14-PIN)	
		2	**155-2255**	1	KIT-CONNECTING PLUG (12-PIN)	
		2	**155-2270**	1	KIT-CONNECTING PLUG (2-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
		2	**186-3736**	10	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		2	**8T-8737**	16	PLUG-SEAL	
E		2	**114-8843**		SLEEVE-PLASTIC (20-CM)	
	24	2	**269-8909**	1	BRACKET AS	
	25	1	**097-4896**	1	SPACER (12X20X23-MM THK)	
	26	1	**115-3073**	1	CLIP AS-CONNECTING	
	27	1	**124-1479**	1	CLIP	
	28	1,2,3,4	**130-5300**	13	CLIP	
	29	1	**130-5301**	1	CLIP	
	30	1	**132-7551**	1	SPACER (11X19X6-MM THK)	
	31	1	**149-7738**	6	CLIP	
	32	4	**1S-0994**	1	CLIP (LOOP)	
	33	2	**2T-3019**	1	CLIP	
	34	3	**3E-6909**	2	CLIP	
	35	3,4	**3J-1907**	3	SEAL-O-RING	
	36	2,4	**4D-7388**	4	CLIP	
	37	1,2,3,4	**4D-7794**	14	CLIP	
	38	2	**4D-8123**	3	CLIP	
	39	2	**4D-9517**	1	CLIP	
	40	3	**4K-8864**	1	CLIP	
	41	2	**4P-7429**	1	CLIP (LADDER)	
	42	2,4	**4P-8134**	2	CLIP (LADDER)	
	43	1,2,3,4	**5P-9085**	13	CLIP	
	44	1	**5P-9297**	1	CLIP	
	45	1	**6D-4244**	1	CLIP	
	46	1	**6D-4246**	1	CLIP (LOOP)	
	47	1,4	**7D-7233**	7	CLIP	
	48	1,3,4	**7X-7729**	5	WASHER (11X25X3-MM THK)	
	49	1,2,3,4	**8T-4121**	73	WASHER-HARD (11X21X2.5-MM THK)	
M	50	1,2,3,4	**8T-4133**	13	NUT (M10X1.5-THD)	
M	51	1,2,3,4	**8T-4136**	52	BOLT (M10X1.5X25-MM)	
M	52	1,2	**8T-4137**	8	BOLT (M10X1.5X20-MM)	
M	53	1,2	**8T-4139**	3	BOLT (M12X1.75X30-MM)	
M	54	2	**8T-4183**	1	BOLT (M12X1.75X40-MM)	
M	55	1	**8T-4185**	1	BOLT (M10X1.5X50-MM)	
M	56	3	**8T-4195**	2	BOLT (M10X1.5X30-MM)	
	57	1,2,4	**8T-4223**	6	WASHER-HARD (13.5X25.5X3-MM THK)	
M	58	1,2,4	**8T-4244**	3	NUT (M12X1.75-THD)	
	59	1	**7W-8106**	1	SPACER (11.13X19.05X15-MM THK)	
M	60	2	**8T-6466**	1	BOLT (M10X1.5X60-MM)	
	61	2	**1F-5835**	1	SPACER (0.63X0.84X1.47-MM THK)	

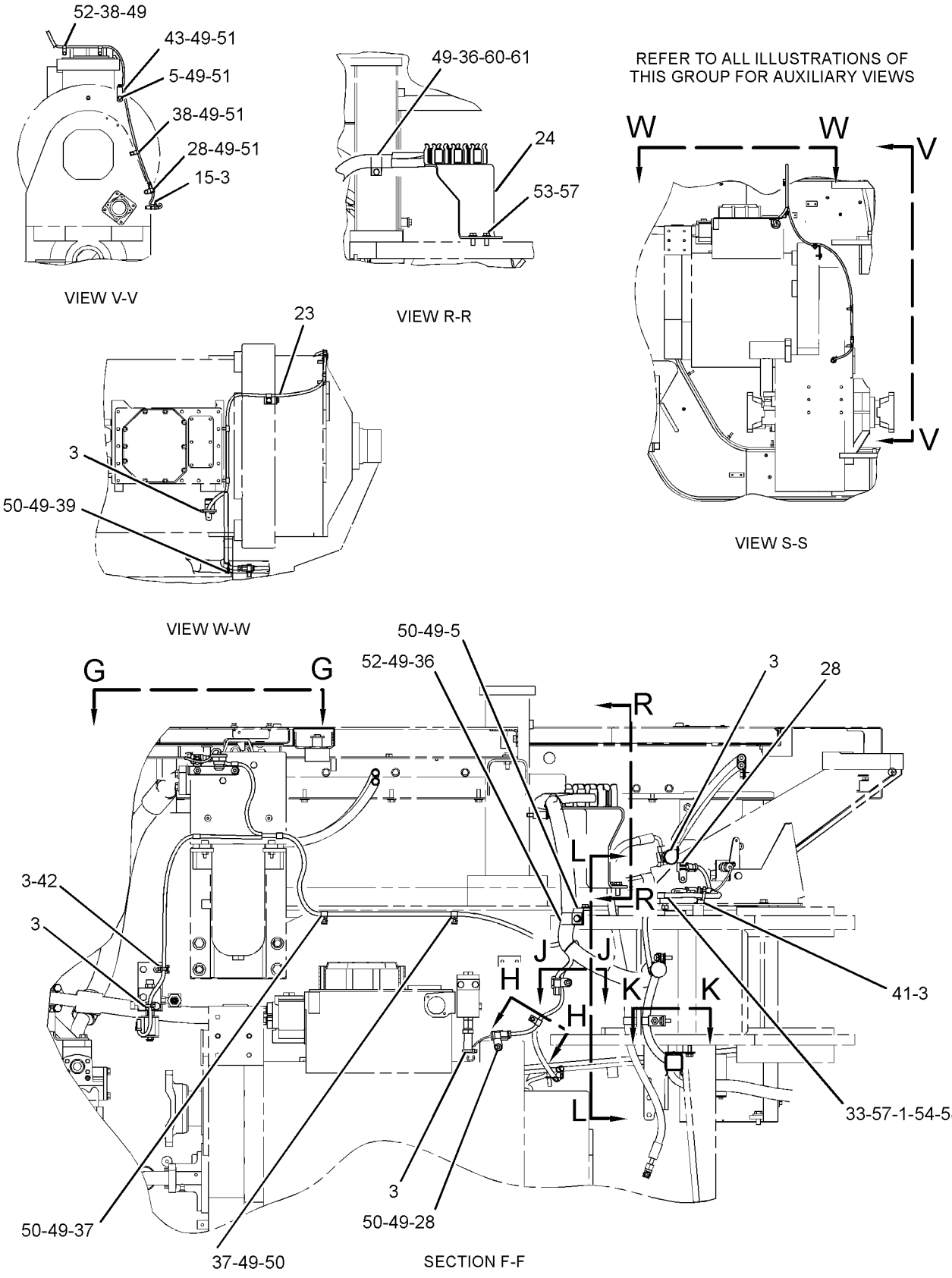
C - CHANGE FROM PREVIOUS TYPE
D - ORDER BY THE METER
E - ORDER BY THE CENTIMETER
M - METRIC PART
Y - SEPARATE ILLUSTRATION

234-7878 **WIRING GP-MACHINE (**contd.**)** **i03248590**



GRAPHIC #1 g01216225

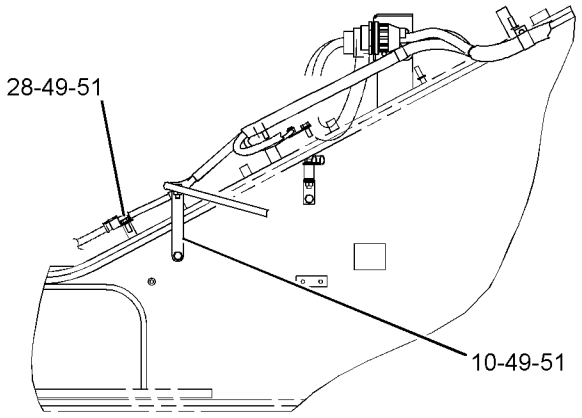
234-7878 **WIRING GP-MACHINE (**contd.**)** **i03248590**



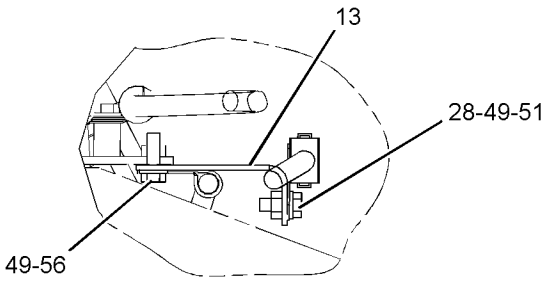
GRAPHIC #2 g01216223

234-7878 **WIRING GP-MACHINE (**contd.**)** **i03248590**

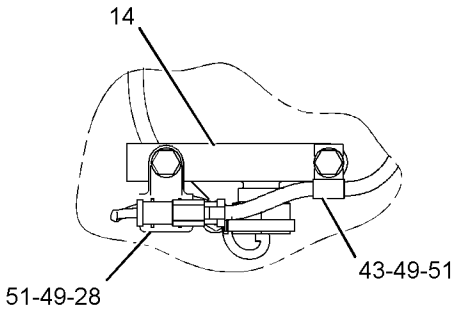
REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



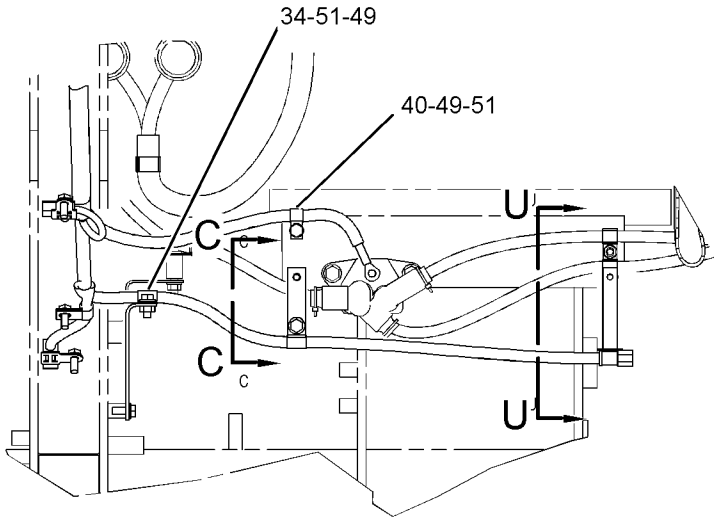
SECTION Y-Y



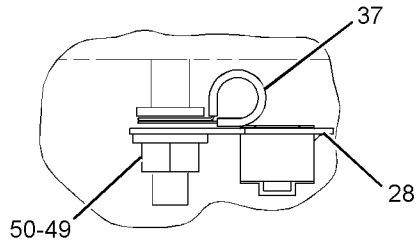
SECTION U-U



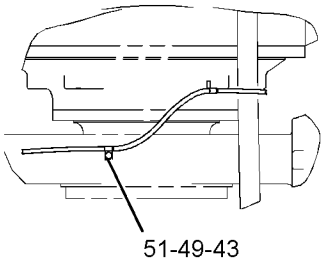
SECTION AA-AA



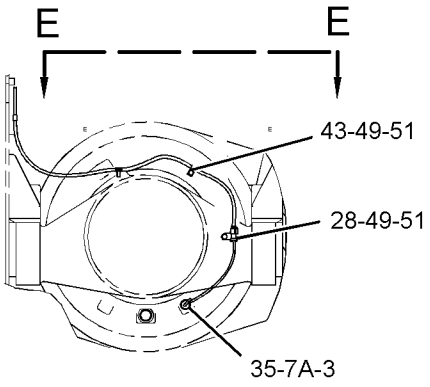
SECTION B-B



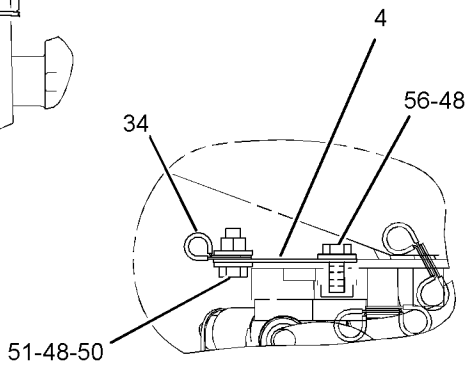
SECTION J-J



VIEW E-E



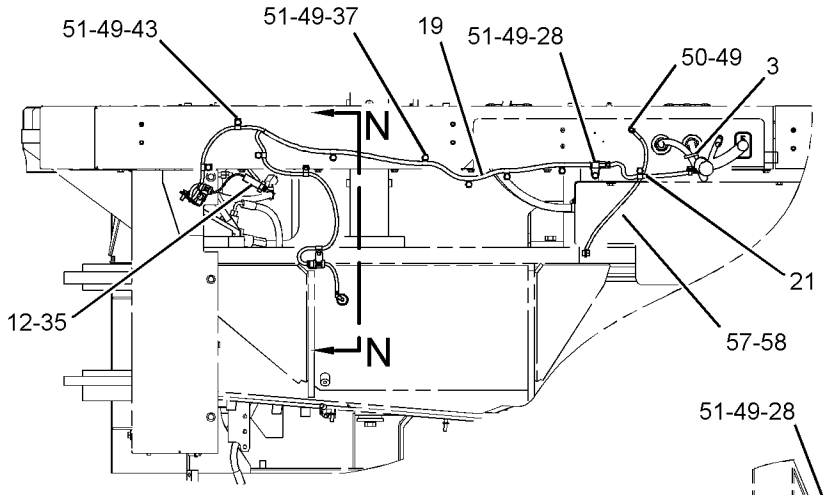
VIEW D-D



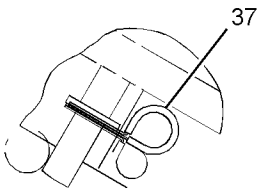
SECTION C-C

GRAPHIC #3 g01216226

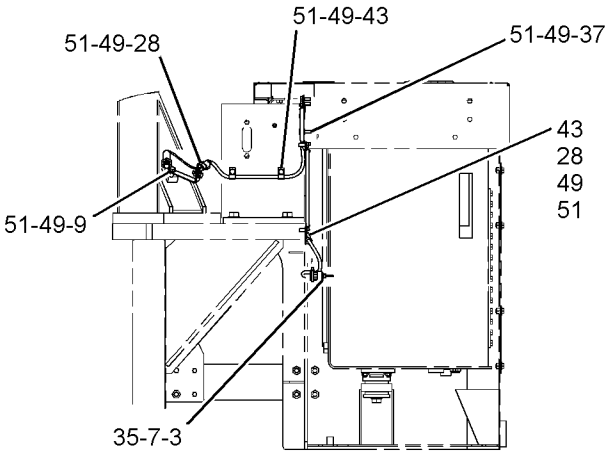
234-7878 **WIRING GP-MACHINE (**contd.**)** **i03248590**



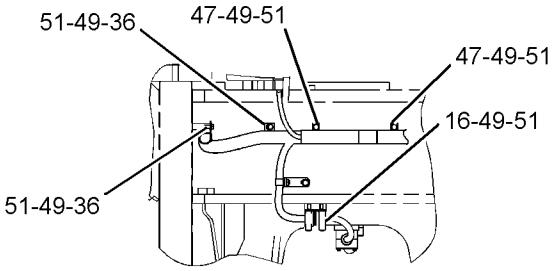
SECTION M-M



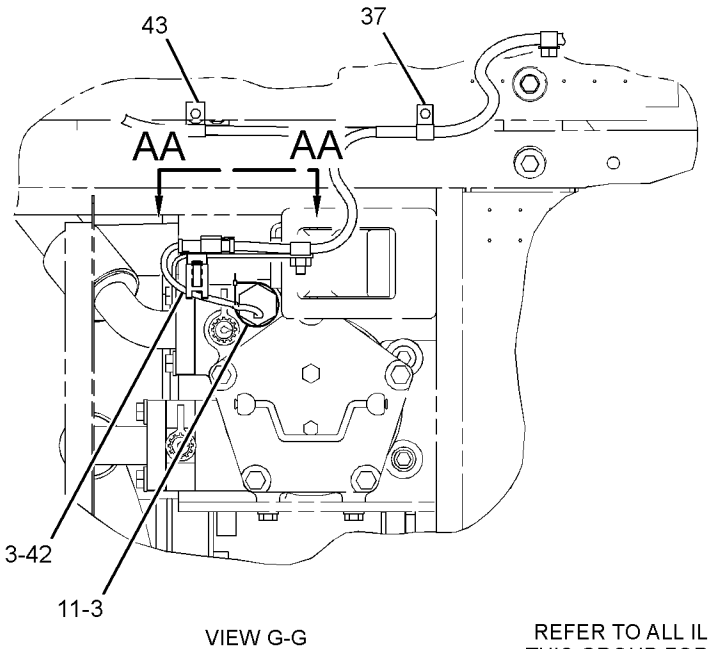
SECTION H-H



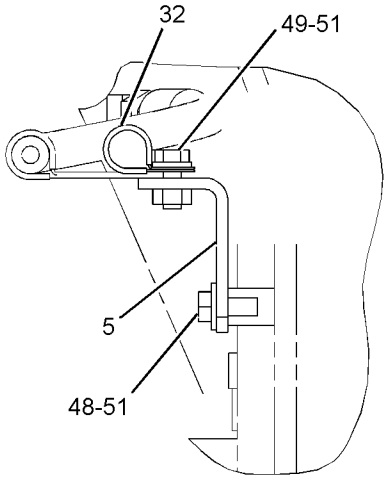
SECTION N-N



SECTION L-L



VIEW G-G



SECTION K-K

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

GRAPHIC #4 <END> g01216230

234-7878 WIRING GP-MACHINE

S/N: BTW186-UP

PART OF 230-3276 ELECTRICAL AR

SMCS-1408 **i04939121**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**8F-0492**	1	SPACER (0.531X1.125X0.625-IN THK)	
	2	2	**8X-7517**	1	BRACKET AS	
		2	**2W-7940**	1	BRACKET	
M		2	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	3	1,2,3	**9X-6772**	12	STRAP-CABLE	
	4	3	**102-0496**	1	PLATE	
	5	1,2,3	**103-0010**	4	BRACKET AS	
					(EACH INCLUDES)	
M		1,2,3	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
M	6	2	**8T-4186**	1	BOLT (M10X1.5X40-MM)	
Y	7	2	**134-2252**	1	SENSOR GP-TEMPERATURE (IMPLEMENT, BRAKE OIL)	495
Y	7A	3	**134-2252**	1	SENSOR GP-TEMPERATURE (REAR AXLE OIL)	495
	8	2,3	**139-1398**	2	CLIP (LOOP)	
	9	2,3	**142-1657**	2	BRACKET AS	
					(EACH INCLUDES)	
M		2,3	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	10	3	**118-6878**	1	BRACKET AS	
M		3	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
Y	11	1	**164-7577**	1	SWITCH GP-BYPASS (POWER TRAIN OIL FILTER)	530
	12	2	**327-4608**	1	SWITCH AS-PRESSURE (SERVICE BRAKE OIL)	
	14	1	**183-3681**	1	BRACKET AS	
Y	15	2	**193-2550**	1	SENSOR GP-SPEED (MAGNETIC, HIGH OUTPUT) (TRANSMISSION OUTPUT)	490
	16	2	**229-3177**	1	PLATE AS	
		2	**6V-6716**	2	RIVET-TRUSS HEAD	
		2	**109-1645**	1	CLIP	
	17	3	**236-4903**	1	BRACKET AS	
	18	3	**236-7711**	1	HARNESS AS-SENSOR (REAR AXLE OIL TEMPERATURE)	
D		3	**5P-6038**		WRAP (SPIRAL) (0.4-M)	
		3	**8T-8730**	6	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		3	**8T-8737**	1	PLUG-SEAL	
E		3	**114-8843**		SLEEVE-PLASTIC (40-CM)	
		3	**155-2260**	1	KIT-CONNECTING PLUG (3-PIN)	
		3	**155-2271**	1	KIT-CONNECTING PLUG (4-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
	19	2	**236-7713**	1	HARNESS AS-SENSOR (BRAKE OIL PRESS, HYD OIL TEMP)	
		2	**8T-8729**	5	PIN-CONNECTOR (16-GA TO 18-GA)	
		2	**8T-8730**	5	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		2	**8T-8737**	11	PLUG-SEAL	
E		2	**114-8843**		SLEEVE-PLASTIC (80-CM)	
		2	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
		2	**102-8805**	1	KIT-RECEPTACLE (6-PIN)	
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)	
		2	**155-2260**	2	KIT-CONNECTING PLUG (3-PIN)	
		2	**155-2274**	1	KIT-CONNECTING PLUG (6-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	

234-7878 **WIRING GP-MACHINE (**contd.**)** **i04939121**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	20	3	**266-1463**	1	BRACKET	
C	21	2	**8X-6645**	1	STRAP AS-GROUND	
C	22	1	**331-5016**	1	HARNESS AS-CHASSIS (MAIN)	
		1	**8T-8827**	1	BOOT (RED)	
		1	**9X-9120**	1	BOOT (RED)	
		1	**8N-1521**	4	BELL AS-END	
		1	**8N-1540**	3	PIN-CONNECTOR (12-GA TO 14-GA)	
		1	**8N-1542**	1	PIN-CONNECTOR (10-GA)	
		1	**8N-1544**	2	PIN-CONNECTOR (8-GA)	
		1	**8T-8729**	36	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	**9W-0852**	3	PIN-CONNECTOR (14-GA TO 16-GA)	
		1	**9X-6856**	52	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	**110-6847**	1	PLUG AS-CONNECTOR (40-PIN)	
		1	**110-6845**	2	PLUG AS-CONNECTOR (40-PIN)	
		1	**110-6846**	1	PLUG AS-CONNECTOR (40-PIN)	
					(EACH PLUG AS INCLUDES)	
		1	**110-6844**		SEAL	
		1	**3T-3412**	1	PLUG AS-CONNECTOR (37-PIN)	
		1	**8N-1518**	1	PLUG AS-CONNECTOR (25-PIN)	
		1	**155-2255**	11	KIT-CONNECTING PLUG (12-PIN)	
		1	**155-2260**	2	KIT-CONNECTING PLUG (3-PIN)	
		1	**155-2270**	3	KIT-CONNECTING PLUG (2-PIN)	
		1	**155-2271**	1	KIT-CONNECTING PLUG (4-PIN)	
		1	**155-2274**	1	KIT-CONNECTING PLUG (6-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
		1	**160-7689**	1	PLUG AS-CONNECTOR (70-PIN)	
		1	**159-9322**	1	SEAL-O-RING	
		1	**8T-8737**	68	PLUG-SEAL	
		1	**7G-7917**	49	PLUG-SEAL	
		1	**7G-7918**	1	PLUG-SEAL	
		1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
		1	**102-8804**	2	KIT-RECEPTACLE (4-PIN)	
		1	**102-8805**	1	KIT-RECEPTACLE (6-PIN)	
		1	**102-8801**	3	KIT-RECEPTACLE (12-PIN)	
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)	
		1	**8N-1517**	1	RECEPTACLE AS-CONNECTOR (25-PIN)	
		1	**8N-1513**	1	RECEPTACLE AS-CONNECTOR (37-PIN)	
					(EACH RECEPTACLE AS INCLUDES)	
		1	**8N-1522**	1	NUT (2-1/4-16-THD)	
E		1	**114-8843**		SLEEVE-PLASTIC (200-CM)	
E		1	**114-8844**		SLEEVE-PLASTIC (80-CM)	
E		1	**114-8845**		SLEEVE-PLASTIC (160-CM)	
		1	**8N-1545**	2	SOCKET-CONNECTOR (8-GA)	
		1	**8N-1541**	4	SOCKET-CONNECTOR (12-GA TO 14-GA)	
		1	**8N-1543**	1	SOCKET-CONNECTOR (10-GA)	
		1	**8T-8730**	164	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		1	**9W-0844**	45	SOCKET-CONNECTOR (14-GA TO 16-GA)	
		1	**9X-6857**	5	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		1	**9X-6772**	7	STRAP-CABLE	
		1	**3L-6513**	1	TERMINAL-RING (1-GA TO 2-GA, 1/2-IN SCREW)	

234-7878 **WIRING GP-MACHINE (**contd.**)** **i04939121**

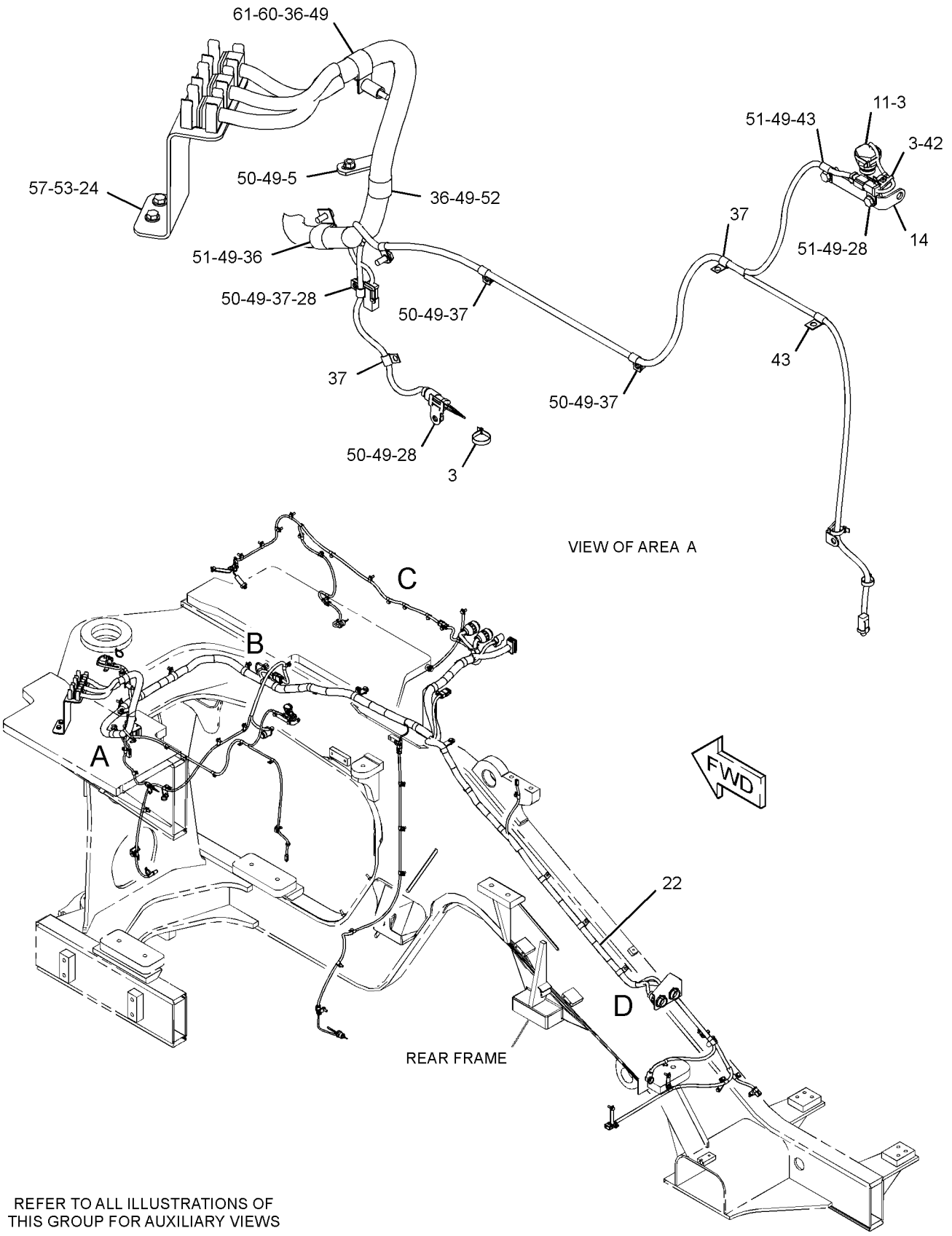
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		1	*128-4172*	1	TERMINAL AS-RING (6-GA TO 8-GA)	
		1	**3K-4528**	1	TERMINAL-RING (6-GA TO 8-GA, 1/2-IN SCREW)	
E		1	**6V-9023**		TUBE-HEAT SHRINK (12.7-MM DIA) (4-CM)	
		1	**2L-8071**	2	TERMINAL-RING (10-GA TO 12-GA, 1/2-IN SCREW)	
		1	**267-8338**	1	TERMINAL-RING	
E		1	**119-3662**		TUBE-HEAT SHRINK (10.85-MM DIA) (7-CM)	
E		1	**125-7874**		TUBE-HEAT SHRINK (5.72-MM DIA) (50-CM)	
E		1	**125-7875**		TUBE-HEAT SHRINK (7.44-MM DIA) (35-CM)	
	23	2	**268-7944**	1	HARNESS AS-SENSOR (XMSN SPEED, TEMPERATURE)	
		2	**102-8801**	1	KIT-RECEPTACLE (12-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		2	**6D-5256**	1	PLUG AS (14-PIN)	
		2	**155-2255**	1	KIT-CONNECTING PLUG (12-PIN)	
		2	**155-2270**	1	KIT-CONNECTING PLUG (2-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
		2	**8T-8730**	10	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		2	**8T-8737**	16	PLUG-SEAL	
E		2	**114-8843**		SLEEVE-PLASTIC (20-CM)	
E		2	**114-8844**		SLEEVE-PLASTIC (40-CM)	
	24	1	**269-8909**	1	BRACKET AS	
	25	3	**097-4896**	1	SPACER (12X20X23-MM THK)	
	26	2	**115-3073**	1	CLIP AS-CONNECTING	
	27	3	**124-1479**	1	CLIP	
	28	1,2,3	**130-5300**	13	CLIP	
	29	3	**130-5301**	1	CLIP	
	30	3	**132-7551**	1	SPACER (11X19X6-MM THK)	
	31	3	**149-7738**	6	CLIP	
	32	2	**1S-0994**	1	CLIP (LOOP)	
	33	2	**2T-3019**	1	CLIP	
	34	3	**3E-6909**	2	CLIP	
	35	2,3	**3J-1907**	3	SEAL-O-RING	
	36	1,2	**4D-7388**	4	CLIP	
	37	1,2	**4D-7794**	14	CLIP	
	38	2	**4D-8123**	3	CLIP	
	39	2	**4D-9517**	1	CLIP	
	40	3	**4K-8864**	1	CLIP	
	41	2	**4P-7429**	1	CLIP (LADDER)	
	42	1	**4P-8134**	2	CLIP (LADDER)	
	43	1,2,3	**5P-9085**	13	CLIP	
	44	3	**5P-9297**	1	CLIP	
	45	3	**6D-4244**	1	CLIP	
	46	3	**6D-4246**	1	CLIP (LOOP)	
	47	2	**7D-7233**	7	CLIP	
	48	2,3	**7X-7729**	5	WASHER (11X25X3-MM THK)	
C	49	1,2,3	**8T-4121**	73	WASHER-HARD (11X21X2.5-MM THK)	
CM	50	1,2,3	**8T-4133**	12	NUT (M10X1.5-THD)	
M	51	1,2,3	**8T-4136**	53	BOLT (M10X1.5X25-MM)	
M	52	1,2,3	**8T-4137**	8	BOLT (M10X1.5X20-MM)	
M	53	1,2	**8T-4139**	3	BOLT (M12X1.75X30-MM)	
M	54	2	**8T-4183**	1	BOLT (M12X1.75X40-MM)	
M	55	3	**8T-4185**	1	BOLT (M10X1.5X50-MM)	

234-7878 **WIRING GP-MACHINE (**contd.**)** **i04939121**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	56	3	**8T-4195**	2	BOLT (M10X1.5X30-MM)	
C	57	1,2	**8T-4223**	7	WASHER-HARD (13.5X25.5X3-MM THK)	
CM	58	2	**8T-4244**	1	NUT (M12X1.75-THD)	
	59	2	**7W-8106**	1	SPACER (11.13X19.05X15-MM THK)	
M	60	1	**8T-6466**	1	BOLT (M10X1.5X60-MM)	
	61	1	**1F-5835**	1	SPACER (0.63X0.84X1.47-MM THK)	
CM	62	2	**8T-4192**	3	BOLT (M12X1.75X25-MM)	
	63	2	**192-5017**	1	BRACKET AS	

C - CHANGE FROM PREVIOUS TYPE
D - ORDER BY THE METER
E - ORDER BY THE CENTIMETER
M - METRIC PART
Y - SEPARATE ILLUSTRATION

234-7878 **WIRING GP-MACHINE (**contd.**)** **i04939121**

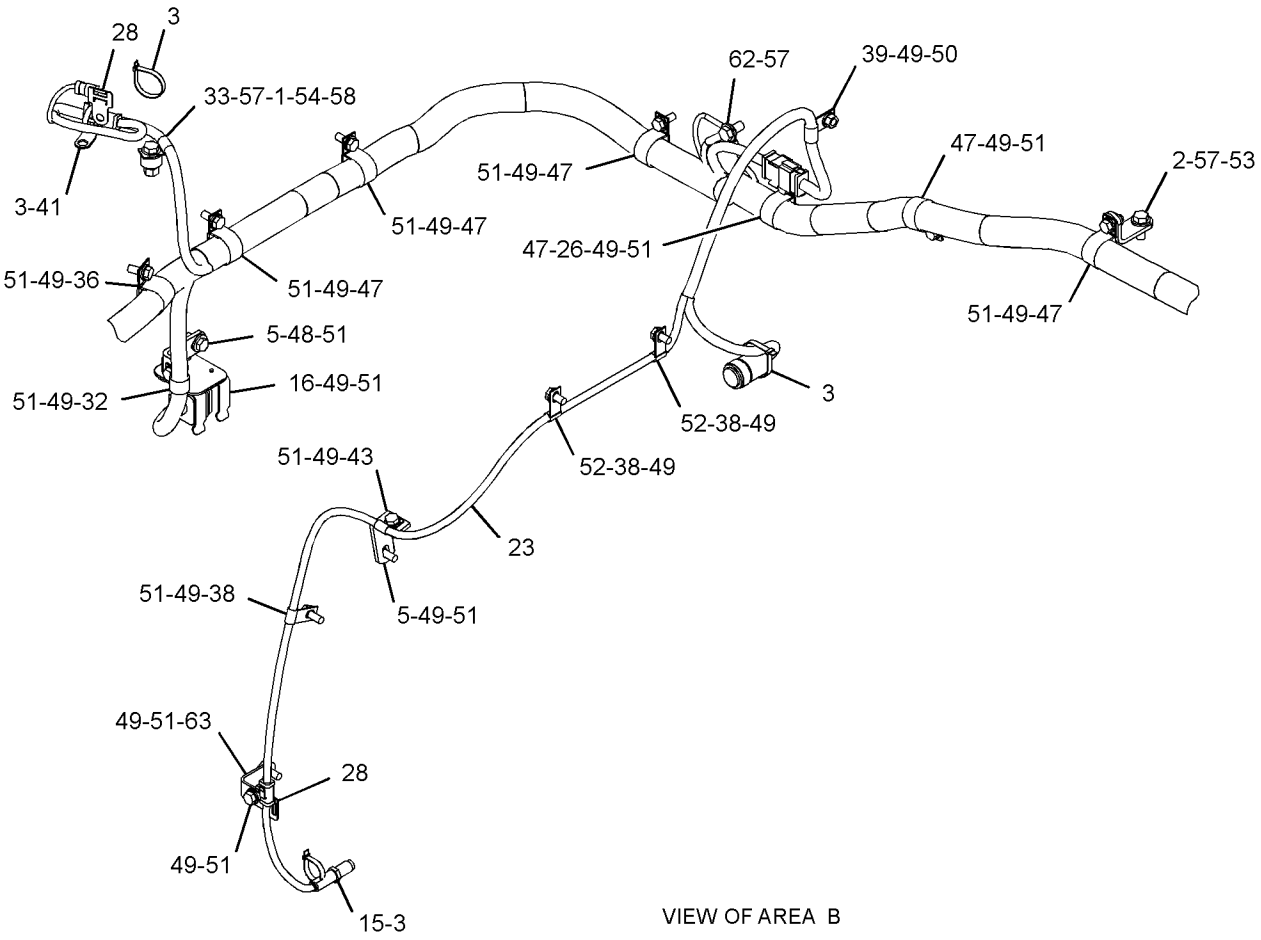


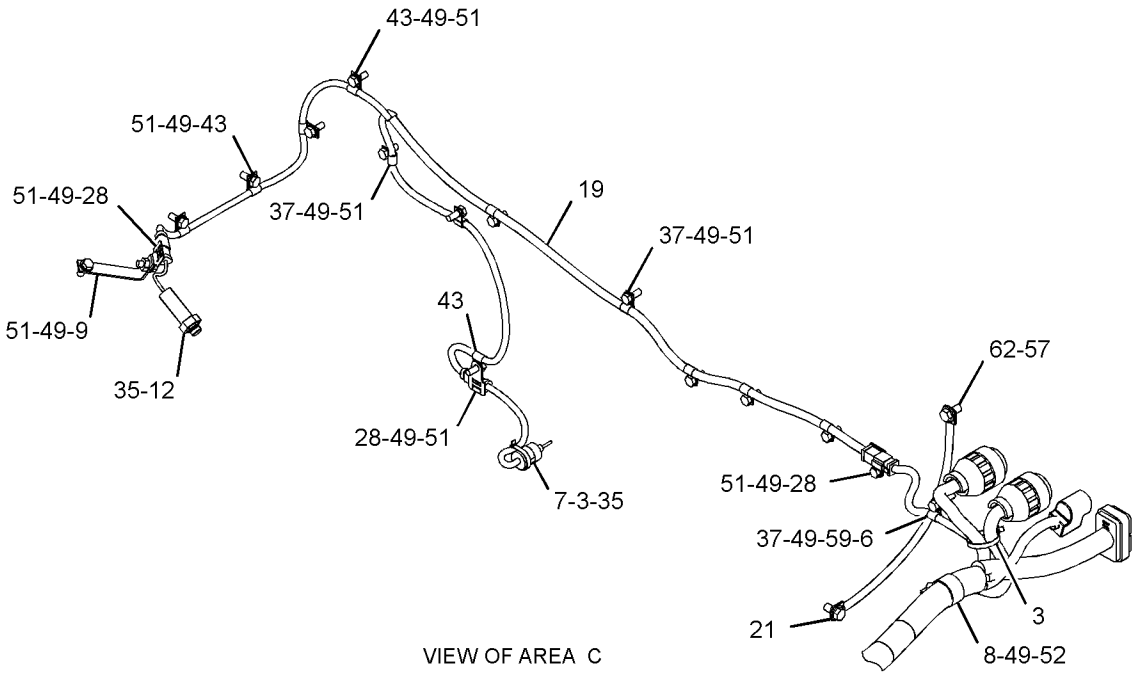
REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

GRAPHIC #1

g03171120

234-7878 **WIRING GP-MACHINE (**contd.**)** **i04939121**

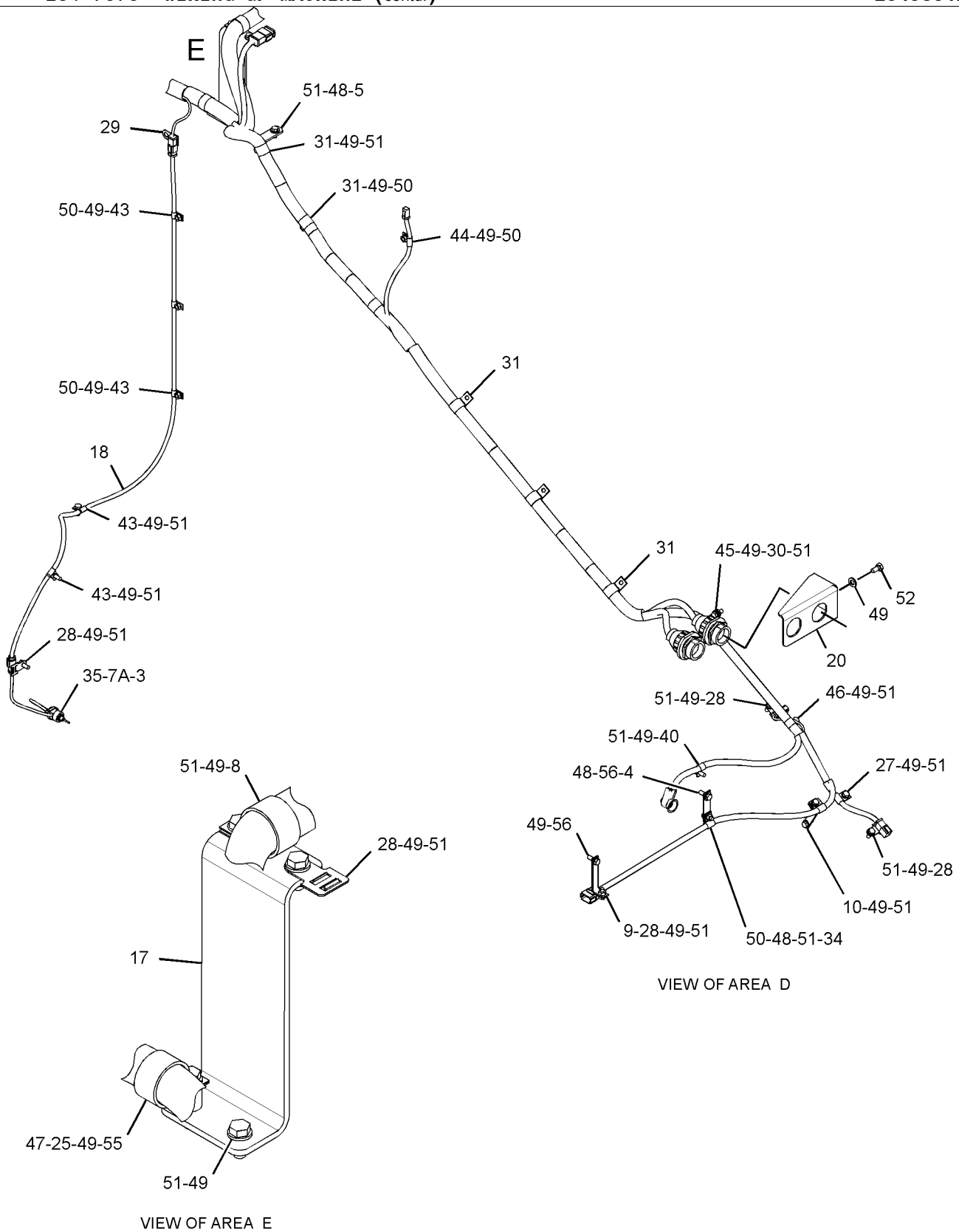




GRAPHIC #2

g03171280

234-7878 **WIRING GP-MACHINE (**contd.**)** **i04939121**



GRAPHIC #3 <END> g03171317

234-7884 WIRING GP-REAR

S/N: BTW1-UP

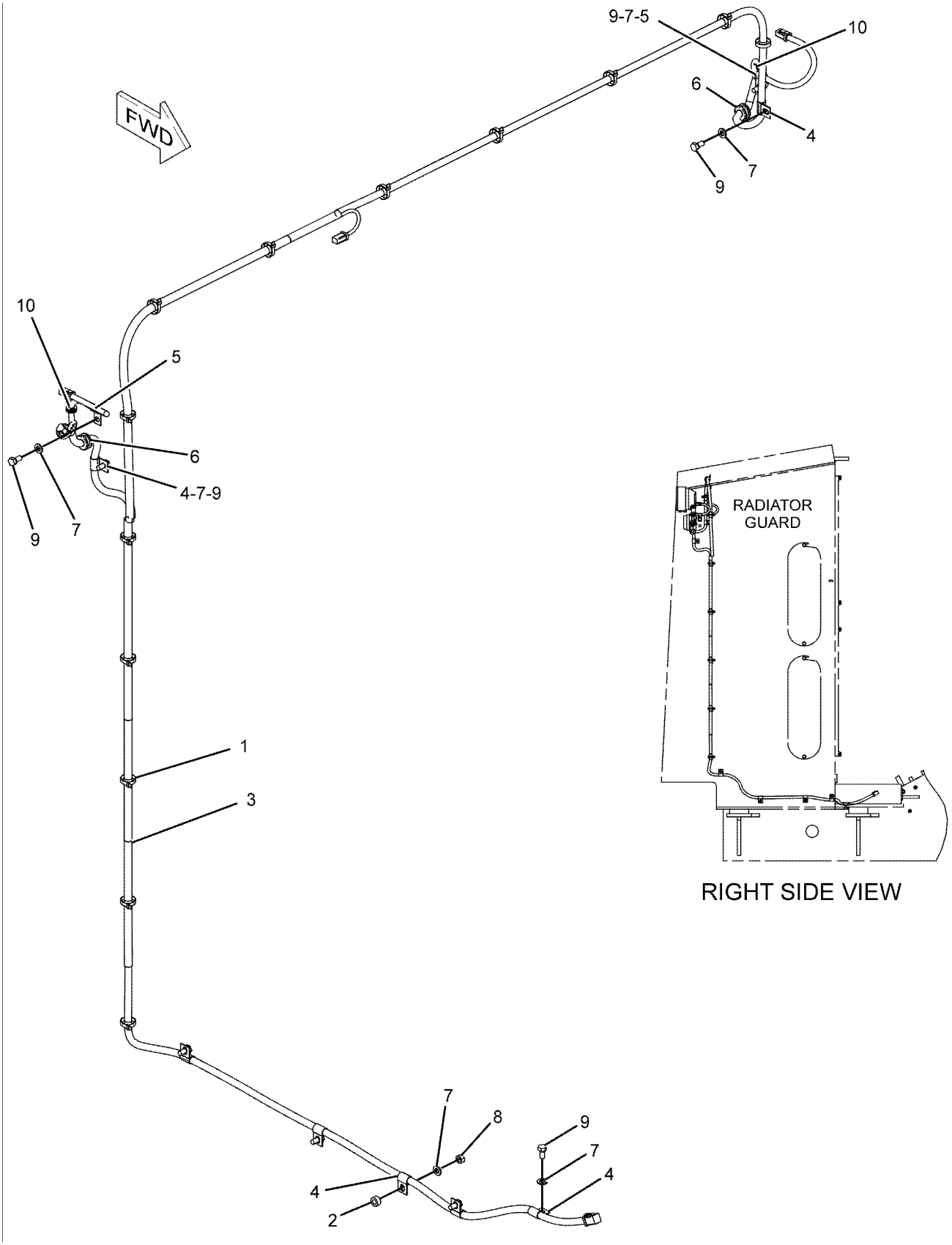
PART OF 230-3276 ELECTRICAL AR

SMCS-1408 **i02028234**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9X-6772**	15	STRAP-CABLE	
	2	1	**089-7338**	1	SLEEVE	
	3	1	**234-5926**	1	HARNESS AS-REAR CHASSIS	
		1	**155-2260**	1	KIT-CONNECTING PLUG (3-PIN)	
		1	**155-2270**	3	KIT-CONNECTING PLUG (2-PIN)	
		1	**155-2274**	1	KIT-CONNECTING PLUG (6-PIN)	
					(EACH KIT CONNECTING PLUG INCLUDES PLUG AS & WEDGE)	
	4	1	**5P-9299**	7	CLIP (LOOP)	
	5	1	**6V-3265**	2	CLIP	
	6	1	**7X-4780**	2	GROMMET	
	7	1	**8T-4121**	9	WASHER-HARD (11X21X2.5-MM THK)	
M	8	1	**8T-4133**	1	NUT (M10X1.5-THD)	
M	9	1	**8T-4137**	8	BOLT (M10X1.5X20-MM)	
	10	1	**9X-7344**	2	GROMMET	

M - METRIC PART

234-7884 **WIRING GP-REAR (**contd.**)** **i02028234**



GRAPHIC #1 <END> g01047127

286-3215 WIRING GP-RELAY PANEL

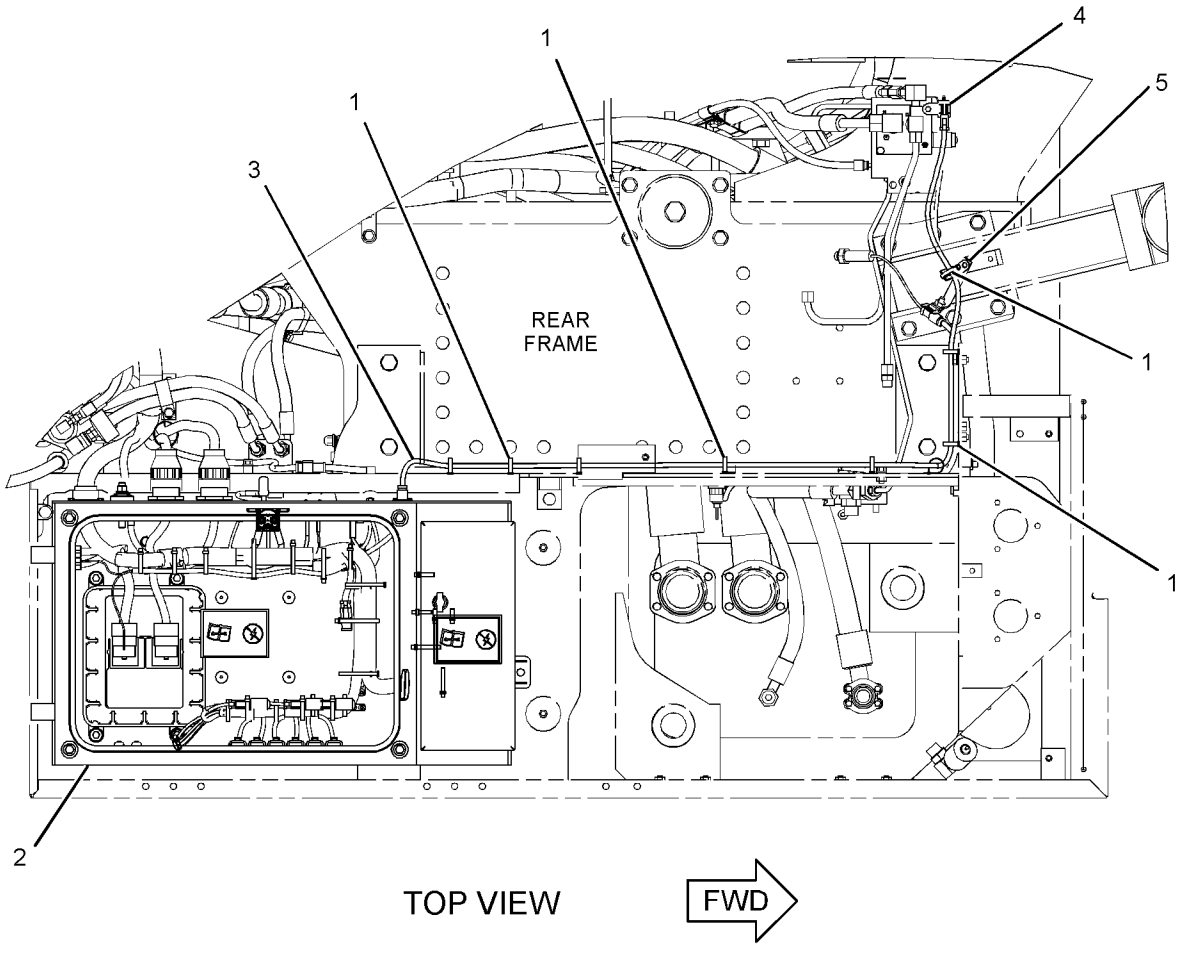
S/N: BTW1-UP
CUSTOM
PART OF 353-4134 COOLER AR-AXLE OIL

SMCS-1408, 1422

i03975429

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9X-6772**	9	STRAP-CABLE	
Y	2	1	*286-3211*	1	WIRING GP-ELECTRONICS BAY	582
	3	1	**287-3097**	1	HARNESS AS-PANEL (HYDRAULIC FAN VALVE TO PANEL)	
		1	**8T-8737**	1	PLUG-SEAL	
		1	**155-2260**	1	KIT-CONNECTING PLUG (3-PIN)	
		1	**155-2270**	1	KIT-CONNECTING PLUG (2-PIN)	
		1	**174-0503**	1	KIT-CONNECTING PLUG (3-PIN)	
					(EACH KIT INCLUDES PLUG AS & WEDGE)	
	4	1	**130-5300**	1	CLIP	
	5	1	**4P-8134**	1	CLIP (LADDER)	

Y - SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01321432

266-7697 WIRING GP-ROPS

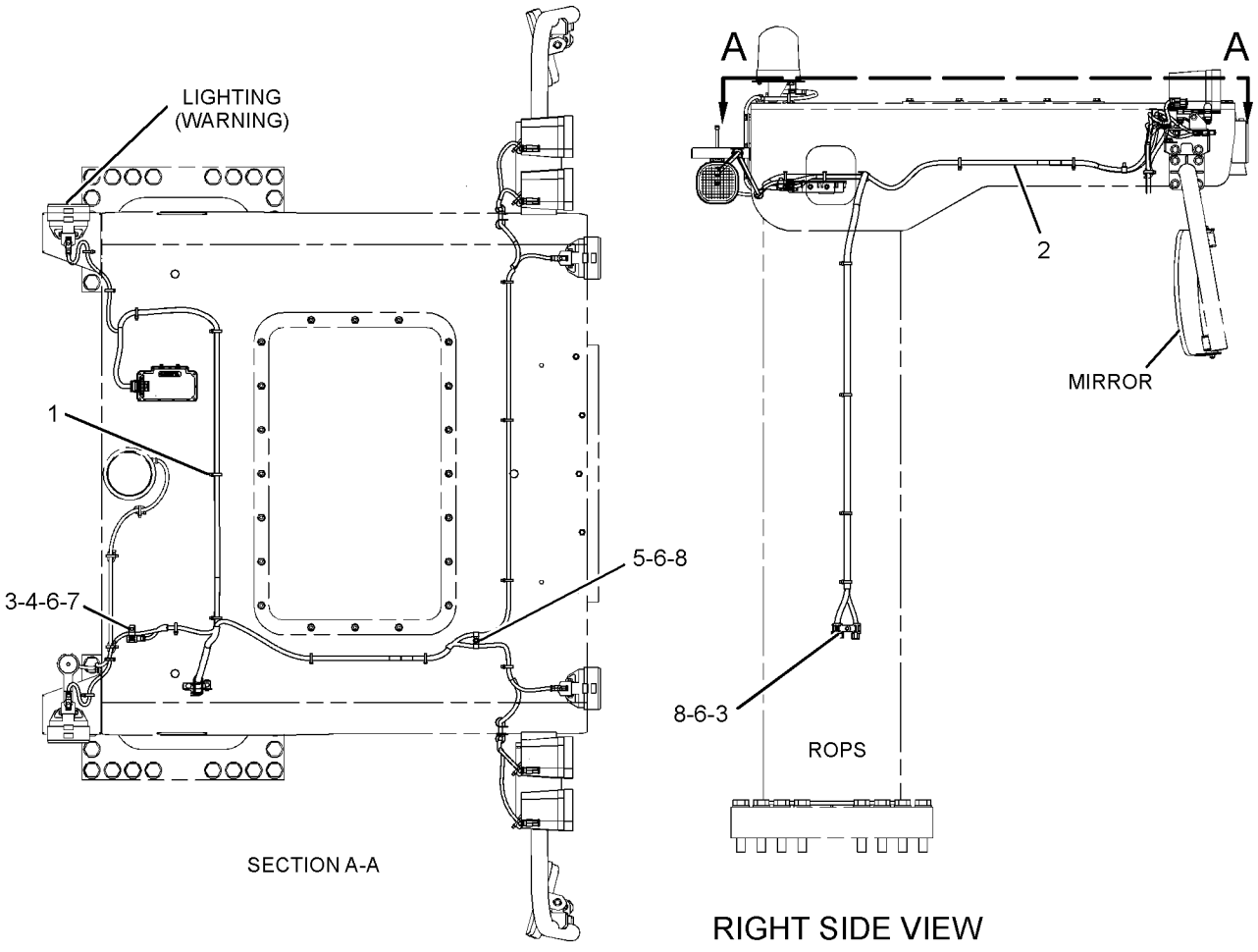
S/N: BTW1-UP

PART OF 247-3067 ROPS AR

SMCS-1408 **i02424167**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9X-6772**	23	STRAP-CABLE	
	2	1	**266-2497**	1	HARNESS AS-LIGHTING	
		1	**102-8802**	9	KIT-RECEPTACLE (2-PIN)	
		1	**102-8806**	1	KIT-RECEPTACLE (8-PIN)	
		1	**102-8801**	2	KIT-RECEPTACLE (12-PIN)	
					(EACH KIT RECEPTACLE INCLUDES RECEPTACLE AS & WEDGE)	
		1	**9X-6772**	5	STRAP-CABLE	
		1	**155-2255**	1	KIT-CONNECTING PLUG (12-PIN)	
		1	**155-2270**	9	KIT-CONNECTING PLUG (2-PIN)	
					(EACH KIT PLUG INCLUDES PLUG AS & WEDGE)	
	3	1	**130-5300**	3	CLIP	
	4	1	**5P-9085**	1	CLIP	
	5	1	**8M-2770**	2	CLIP (LOOP)	
	6	1	**8T-4121**	3	WASHER-HARD (11X21X2.5-MM THK)	
M	7	1	**8T-4136**	1	BOLT (M10X1.5X25-MM)	
M	8	1	**8T-4137**	2	BOLT (M10X1.5X20-MM)	

M - METRIC PART



GRAPHIC #1 <END> g01215927

194-4277 WIRING GP-SHUTOFF

S/N: BTW215-UP

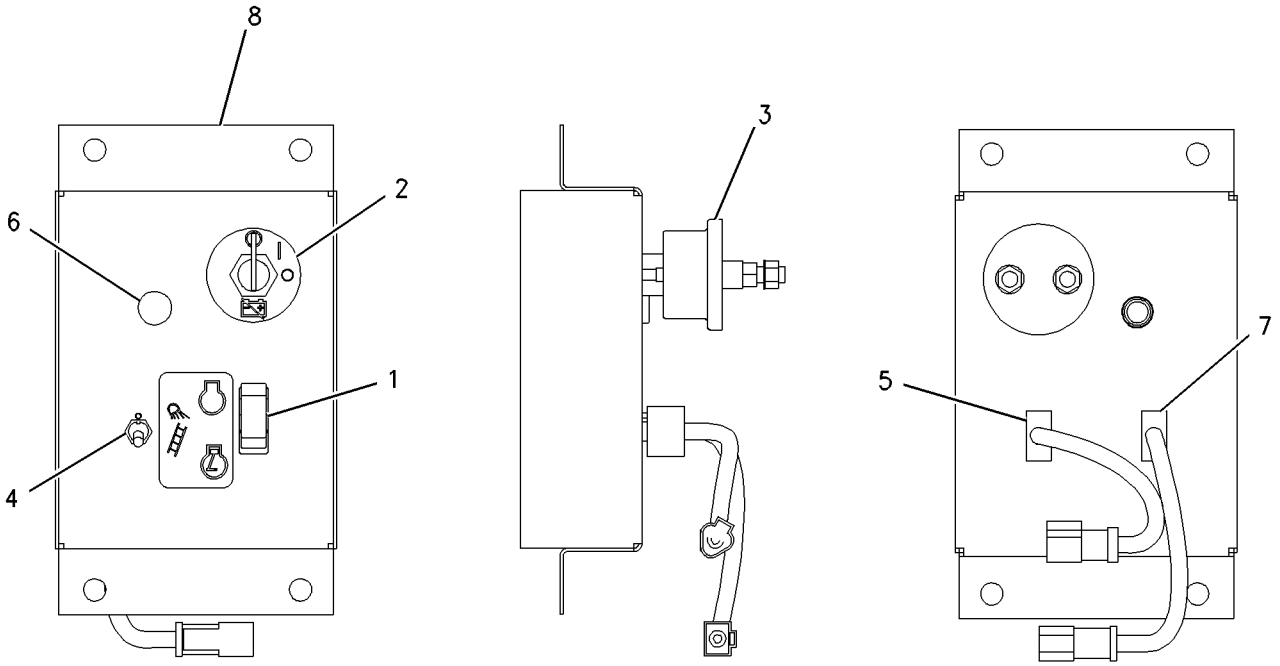
PART OF 361-1450 WIRING GP-BUMPER

SMCS-1408 **i01640941**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3E-5169**	1	GUARD-SWITCH	
	2	1	**3E-8320**	1	PLATE-INSTRUCTION (BATTERY)	
Y	3	1	**7N-0719**	1	SWITCH GP-DISCONNECT (BATTERY)	531
	4	1	**124-7649**	1	PLATE-INSTRUCTION (STAIRWAY LIGHT, SHUTDOWN)	
	5	1	**139-2116**	1	SWITCH GP-TOGGLE (GROUND LEVEL SHUTDOWN)	
		1	**3E-3371**	1	WEDGE-RECEPTACLE LOCK (3-PIN)	
		1	**6T-3631**	2	NUT-HEX (15/32-32-THD)	
		1	**6T-3632**	1	LOCKWASHER	
		1	**6T-3633**	1	RING-LOCKING	
		1	**186-3735**	3	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
	6	1	**147-3719**	1	PLUG-BUTTON	
	7	1	**158-6634**	1	SWITCH GP-TOGGLE (STAIRWAY ACCESS LIGHTS)	
		1	**3E-3377**	1	WEDGE-RECEPTACLE LOCK (4-PIN)	
		1	**6T-3631**	2	NUT-HEX (15/32-32-THD)	
		1	**6T-3632**	1	LOCKWASHER	
		1	**6T-3633**	1	RING-LOCKING	
		1	**186-3735**	3	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	**9G-3695**	1	PLUG-SEAL	
		1	**102-8804**	1	KIT-RECEPTACLE (4-PIN)	
	8	1	**194-4278**	1	PLATE	

Y - SEPARATE ILLUSTRATION

194-4277 **WIRING GP-SHUTOFF (**contd.**)** **i01640941**



GRAPHIC #1 <END> g00849750

268-4017 WIRING GP-SHUTOFF

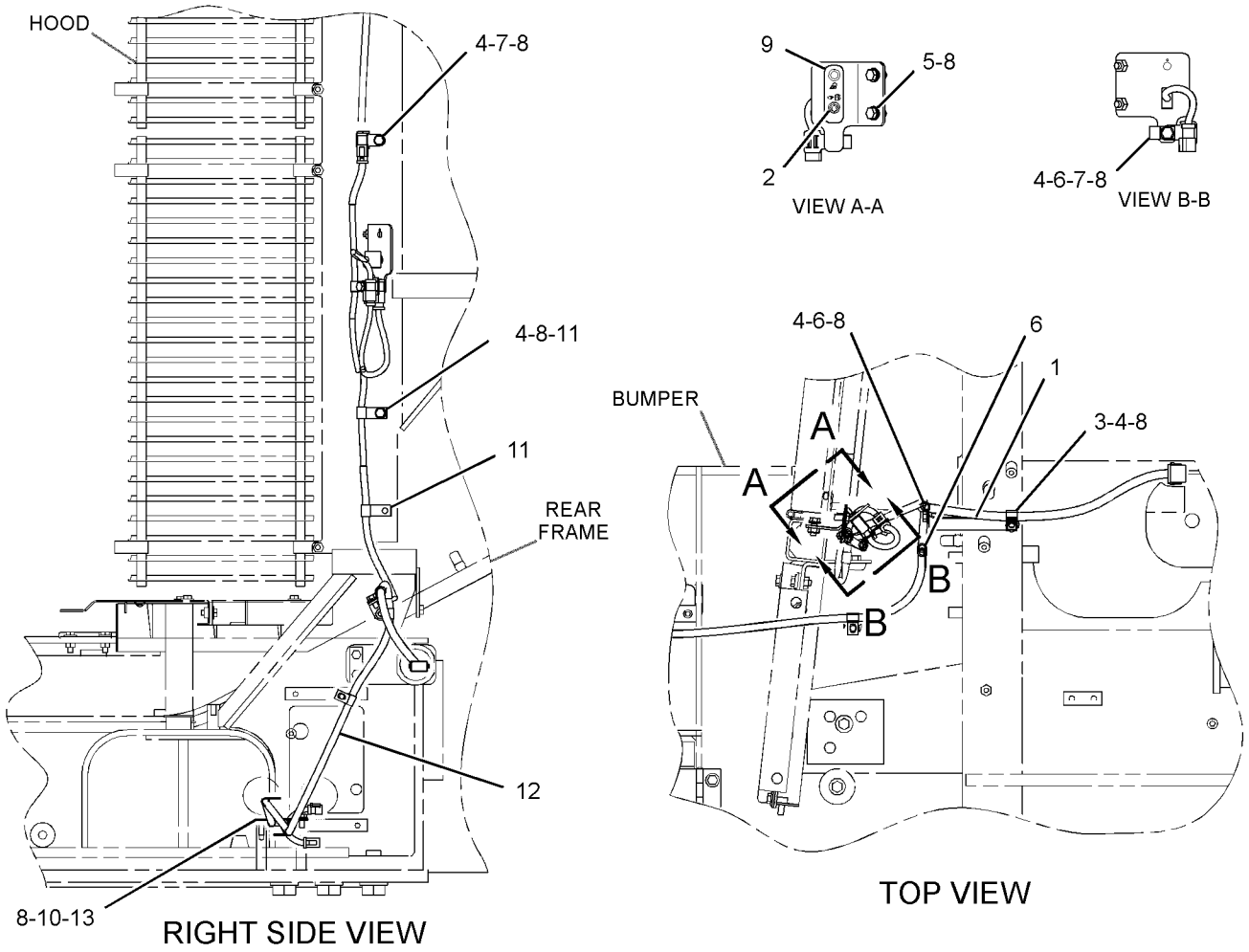
S/N: BTW1-UP

PART OF 230-3276 ELECTRICAL AR

SMCS-1408 **i05313454**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**159-8329**	1	BRACKET AS	
Y	2	1	**165-5970**	1	SWITCH GP-TOGGLE (FUEL PRIMING PUMP ON, OFF)	537
	3	1	**9M-8406**	1	CLIP (LOOP)	
M	4	1	**8T-4137**	6	BOLT (M10X1.5X20-MM)	
M	5	1	**8T-4136**	2	BOLT (M10X1.5X25-MM)	
	6	1	**033-8248**	6	CLIP	
	7	1	**130-5300**	3	CLIP	
	8	1	**8T-4121**	8	WASHER-HARD (11X21X2.5-MM THK)	
	9	1	**252-8538**	1	FILM-IDENTIFICATION (FUEL PRIMING, ENG SERV LIGHT)	
	10	1	**269-0105**	1	BRACKET AS	
	11	1	**4D-9517**	2	CLIP	
Y	12	1	**268-4005**	1	HARNESS AS-CHASSIS (FUEL PRIMING, SHUTDOWN, LIGHTS)	382
	13	1	**147-0385**	1	CLIP	

M - METRIC PART
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g03409757

257-4183 WIRING GP-UNIT INJECTOR

S/N: BTW1-UP

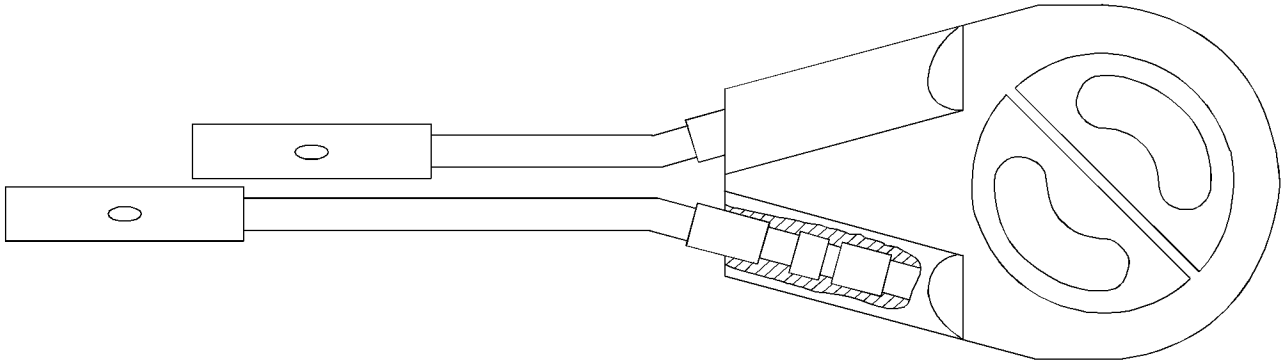
FOR USE AS SERVICE REPAIR FOR INJECTOR HARNESSES WITH THE 7E-6513 CONNECTOR

SMCS-1290, 1408

i04167473

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
F			**7E-6513**	1	CONNECTOR AS	
F			**091-7473**	2	SPLICE-WIRE	

F - NOT SHOWN



GRAPHIC #1 <END> g01986713

240-5664 AXLE AR-FIXED—FRONT

S/N: BTW1-UP

PART OF 353-4104, 353-4124 OPTION AR-MACHINE, 230-3268 POWER TRAIN AR

SMCS-3013, 3278 **i03786957**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*8R-5471*	1	AXLE GP-FIXED (FRONT)	659
Y	*241-8930*	2	BRAKE GP-SERVICE	970
Y	**121-4658**	1	DIFFERENTIAL & BEVEL GEAR GP	686
			—OR—	
Y	**322-2819**	1	DIFFERENTIAL & BEVEL GEAR GP	689
YR	**9U-3022**	2	WHEEL & FINAL DRIVE GP	801

R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

<END>

287-1887 AXLE AR-FIXED

S/N: BTW1-UP

CUSTOM

PART OF 353-4304 AXLE AR-FIXED & OSCILLATING

SMCS-3013, 3278 **i04533956**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*8R-5471*	1	AXLE GP-FIXED (FRONT)	659
YR	**9U-3022**	2	WHEEL & FINAL DRIVE GP	801
Y	**121-4658**	1	DIFFERENTIAL & BEVEL GEAR GP	686
			S/N: BTW1-185	
Y	**322-2819**	1	DIFFERENTIAL & BEVEL GEAR GP	689
			S/N: BTW186-UP	
Y	*287-1717*	2	BRAKE GP-SERVICE	972

R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

<END>

353-4304 AXLE AR-FIXED & OSCILLATING

S/N: BTW1-UP

PART OF 353-4334, 430-5430 OPTION AR-CONVERSION

SMCS-3013, 3278 **i04533864**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*287-1887*	1	AXLE AR-FIXED	657
Y	*368-5024*	1	AXLE AR-OSCILLATING	658
Y	*353-4134*	1	COOLER AR-AXLE OIL	681

Y - SEPARATE ILLUSTRATION

<END>

240-5665 AXLE AR-OSCILLATING–REAR

S/N: BTW1-UP

PART OF 353-4104 OPTION AR-MACHINE, 230-3268 POWER TRAIN AR

SMCS-3013, 3278 **i03786989**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	**8R-5467**	1	AXLE GP-OSCILLATING (REAR)	663
Y	*241-8930*	2	BRAKE GP-SERVICE	970
Y	**121-4658**	1	DIFFERENTIAL & BEVEL GEAR GP	686
			–OR–	
Y	*322-2819*	1	DIFFERENTIAL & BEVEL GEAR GP	689
YR	**9U-3022**	2	WHEEL & FINAL DRIVE GP	801

R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

<END>

366-7858 AXLE AR-OSCILLATING

S/N: BTW1-UP

PART OF 353-4124 OPTION AR-MACHINE

SMCS-3013, 3278 **i04530439**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	**8R-5467**	1	AXLE GP-OSCILLATING (REAR)	663
Y	*241-8930*	2	BRAKE GP-SERVICE	970
Y	*366-7857*	1	DIFFERENTIAL & BEVEL GEAR GP	692
YR	**9U-3022**	2	WHEEL & FINAL DRIVE GP	801

R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

<END>

368-5024 AXLE AR-OSCILLATING

S/N: BTW1-UP

PART OF 353-4304 AXLE AR-FIXED & OSCILLATING

SMCS-3013, 3278 **i04813169**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	**8R-5467**	1	AXLE GP-OSCILLATING (REAR)	663
Y	*287-1717*	2	BRAKE GP-SERVICE	972
Y	*366-7857*	1	DIFFERENTIAL & BEVEL GEAR GP	692
YR	**9U-3022**	2	WHEEL & FINAL DRIVE GP	801

R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

<END>

8R-5471 AXLE GP-FIXED—FRONT

S/N: BTW1-UP

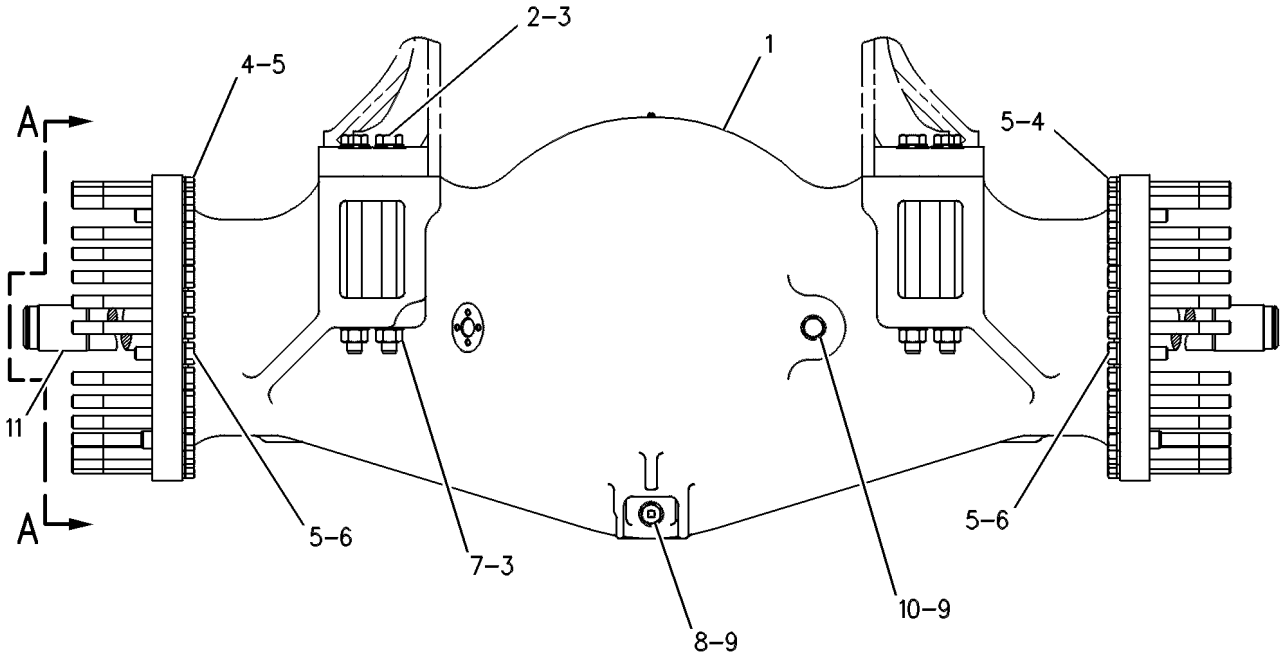
PART OF 240-5664, 287-1887 AXLE AR-FIXED

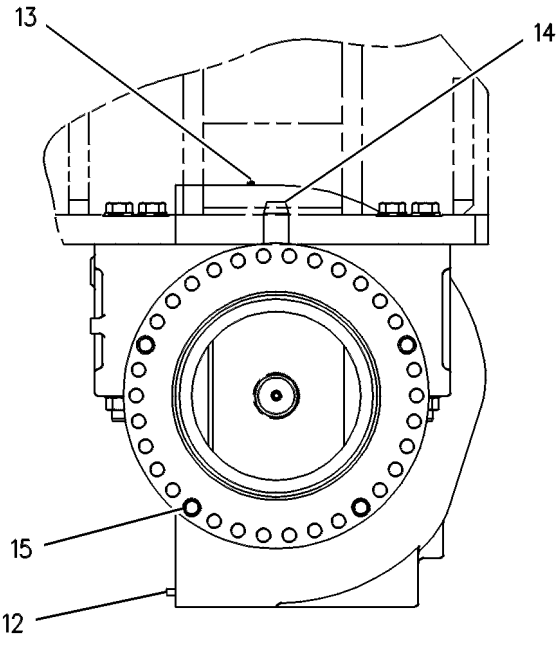
SMCS-3278 **i04527919**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-0082**	1	HOUSING-AXLE	
M	2	1	**152-1351**	16	BOLT (M30X3.5X420-MM)	
	3	1	**7X-0593**	32	WASHER-HARD (34X57X6-MM THK)	
	4	1	**1D-4646**	60	BOLT (1-8X9-IN)	
	5	1	**9M-2828**	68	WASHER-HARD (28X44.5X6-MM THK)	
	6	1	**9X-8896**	8	BOLT (1-8X4-IN)	
M	7	1	**8C-8722**	16	NUT (M30X3.5-THD)	
	8	1	**5P-4484**	1	PLUG-MAGNETIC	
	9	1	**7M-8485**	2	SEAL-O-RING	
	10	1	**9S-4181**	1	PLUG (1-5/16-12-THD)	
	11	1	**9U-2963**	2	SHAFT-AXLE	
	12	1	**2K-9062**	1	PIN-SPRING	
	13	1	**8T-0336**	1	FITTING-PRESSURE RELIEF	
	14	1	**1V-6137**	2	DOWEL	
	15	1	**104-7006**	4	DOWEL-HOLLOW	

M - METRIC PART

8R-5471 **AXLE GP-FIXED (**contd.**)** **i04527919**





VIEW A–A

GRAPHIC #1 <END> g00120125

8R-5471 AXLE GP-FIXED—FRONT

S/N: BTW1-210

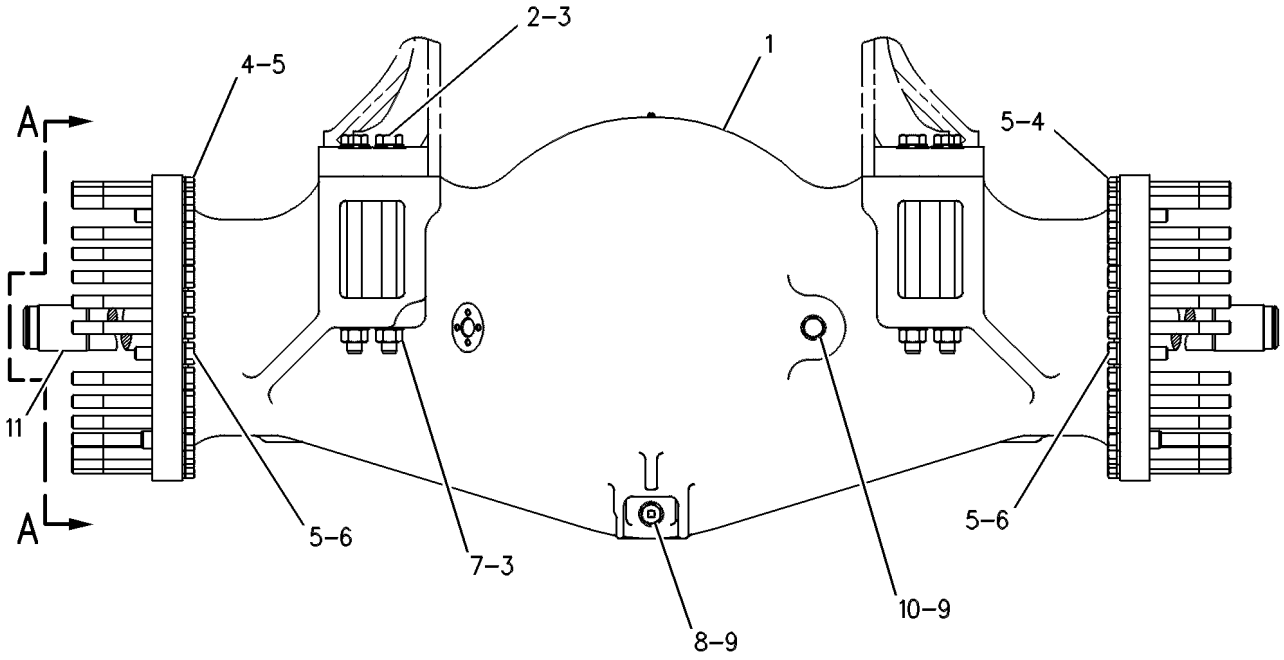
PART OF 240-5664, 287-1887 AXLE AR-FIXED

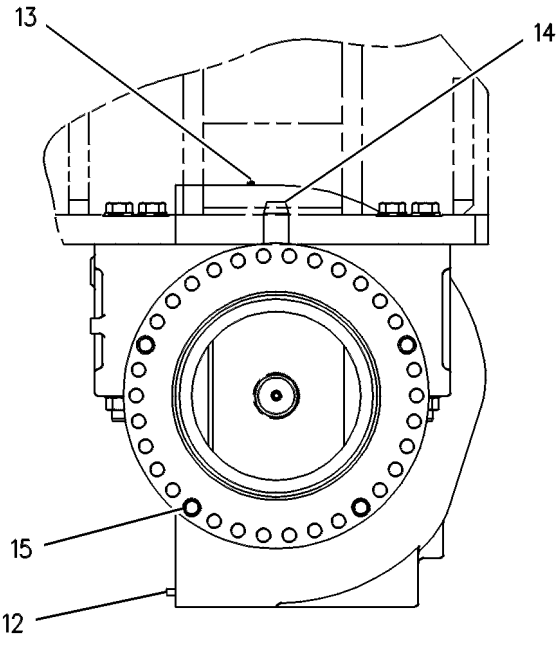
SMCS-3278 **i04527923**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-0082**	1	HOUSING-AXLE	
M	2	1	**152-1351**	16	BOLT (M30X3.5X420-MM)	
	3	1	**7X-0593**	32	WASHER-HARD (34X57X6-MM THK)	
C	4	1	**1D-4646**	52	BOLT (1-8X9-IN)	
C	5	1	**9M-2828**	60	WASHER-HARD (28X44.5X6-MM THK)	
	6	1	**9X-8896**	8	BOLT (1-8X4-IN)	
M	7	1	**8C-8722**	16	NUT (M30X3.5-THD)	
	8	1	**5P-4484**	1	PLUG-MAGNETIC	
	9	1	**7M-8485**	2	SEAL-O-RING	
	10	1	**9S-4181**	1	PLUG (1-5/16-12-THD)	
	11	1	**9U-2963**	2	SHAFT-AXLE	
	12	1	**2K-9062**	1	PIN-SPRING	
	13	1	**8T-0336**	1	FITTING-PRESSURE RELIEF	
	14	1	**1V-6137**	2	DOWEL	
C	15	1	**104-7006**	8	DOWEL-HOLLOW	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART

8R-5471 **AXLE GP-FIXED (**contd.**)** **i04527923**





VIEW A–A

GRAPHIC #1 <END> g00120125

8R-5467 AXLE GP-OSCILLATING—REAR

S/N: BTW1-210

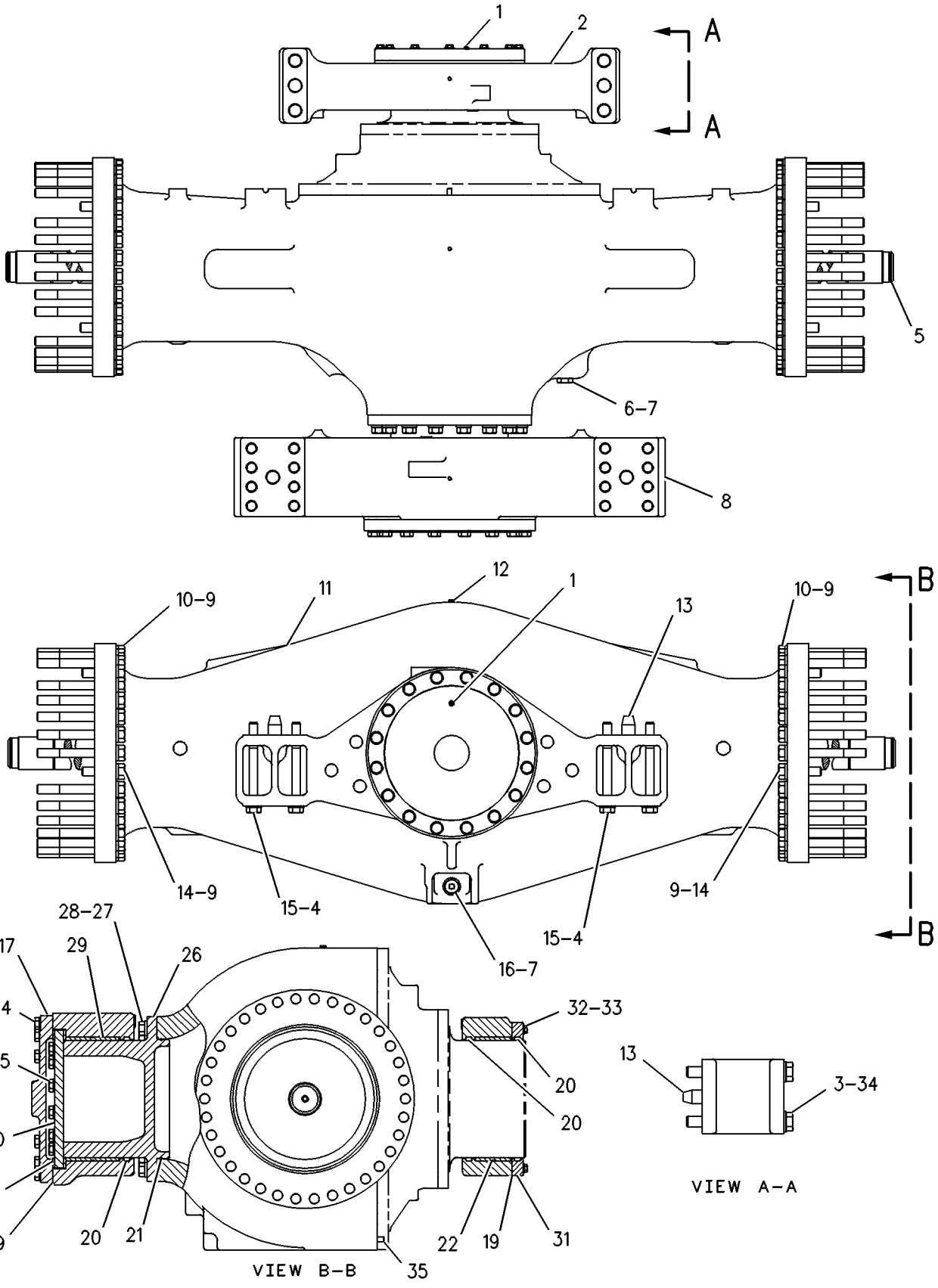
PART OF 240-5665, 366-7858, 368-5024 AXLE AR-OSCILLATING

SMCS-3278 **i05013411**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1K-6853**	2	FITTING-PRESSURE RELIEF	
	2	1	**4E-3095**	1	SUPPORT-TRUNNION	
M	3	1	**9X-6276**	4	BOLT (M30X3.5X280-MM)	
	4	1	**8T-4167**	16	WASHER-HARD (26X44X4-MM THK)	
	5	1	**9U-2963**	2	SHAFT-AXLE	
	6	1	**9S-4181**	1	PLUG (1-5/16-12-THD)	
	7	1	**7M-8485**	2	SEAL-O-RING	
	8	1	**4E-3096**	1	SUPPORT-TRUNNION	
	9	1	**9M-2828**	68	WASHER-HARD (28X44.5X6-MM THK)	
	10	1	**1D-4646**	60	BOLT (1-8X9-IN)	
	11	1	**4E-0083**	1	HOUSING-AXLE	
	12	1	**8T-0336**	1	FITTING-PRESSURE RELIEF	
	13	1	**6M-1622**	4	DOWEL	
	14	1	**9X-8896**	8	BOLT (1-8X4-IN)	
M	15	1	**7X-2579**	16	BOLT (M24X3X240-MM)	
	16	1	**5P-4484**	1	PLUG-MAGNETIC	
	17	1	**2V-2757**	1	COVER	
	18	1	**4V-4885**	2	BEARING-THRUST	
B	19	1	**6V-6640**		SEALANT	
	20	1	**4V-4884**	3	SEAL-O-RING	
	21	1	**5P-2861**	1	SEAL-O-RING	
	22	1	**4V-4887**	1	BUSHING	
	23	1	**2S-0115**	28	WASHER-HARD (20X36.5X5-MM THK)	
	24	1	**1D-4608**	16	BOLT (3/4-10X2.75-IN)	
	25	1	**320-6751**	12	BOLT-SELF-LOCKING (3/4-10X3.5-IN)	
	26	1	**4E-0078**	1	TRUNNION	
	27	1	**1D-4626**	16	BOLT (7/8-9X2.75-IN)	
	28	1	**9H-1031**	16	WASHER-HARD (24X41.5X6-MM THK)	
	29	1	**4E-3108**	1	BUSHING	
	30	1	**2V-2755**	1	PLATE-THRUST	
	31	1	**2V-2761**	1	RETAINER-BEARING	
	32	1	**1A-1460**	12	BOLT (1/2-13X2-IN)	
	33	1	**2M-0849**	12	WASHER-HARD (13.5X25.5X5-MM THK)	
	34	1	**7X-0593**	4	WASHER-HARD (34X57X6-MM THK)	
	35	1	**2K-9062**	1	PIN-SPRING	

B - USE AS REQUIRED
M - METRIC PART

8R-5467 **AXLE GP-OSCILLATING** (contd.) **i05013411**



GRAPHIC #1 <END> g00120124

8R-5467 AXLE GP-OSCILLATING—REAR

S/N: BTW1-UP

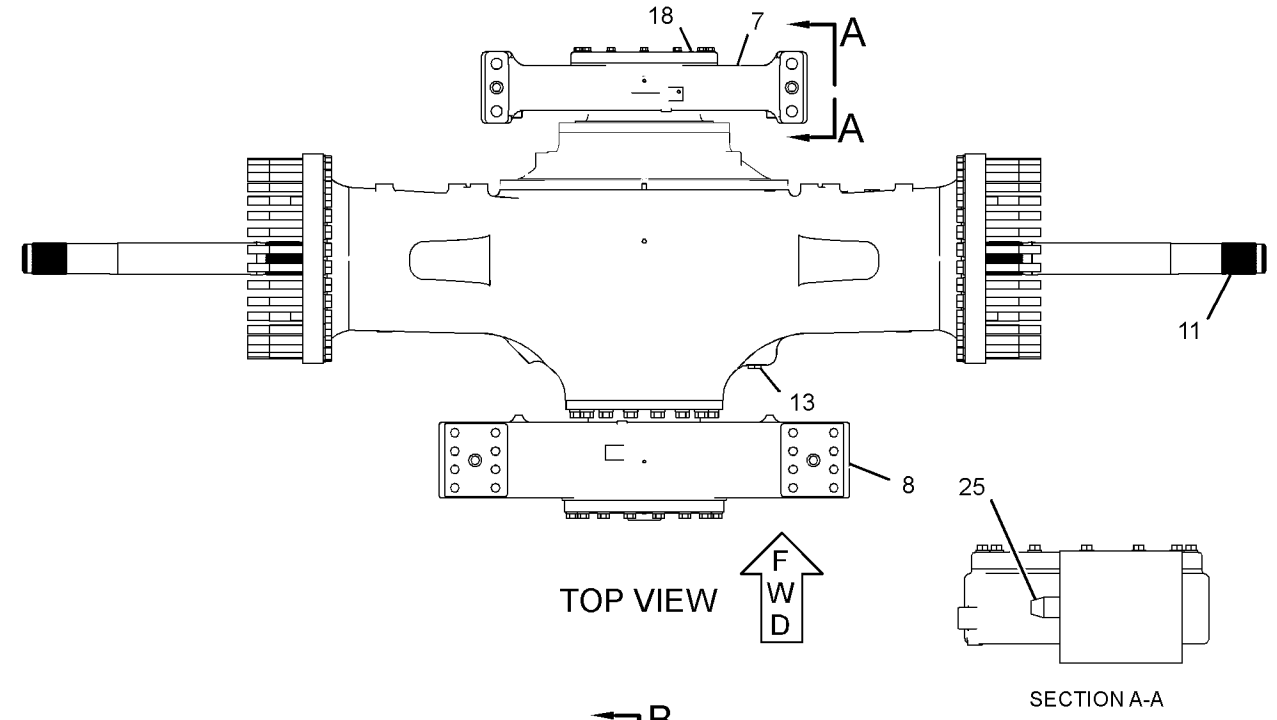
PART OF 240-5665, 366-7858, 368-5024 AXLE AR-OSCILLATING

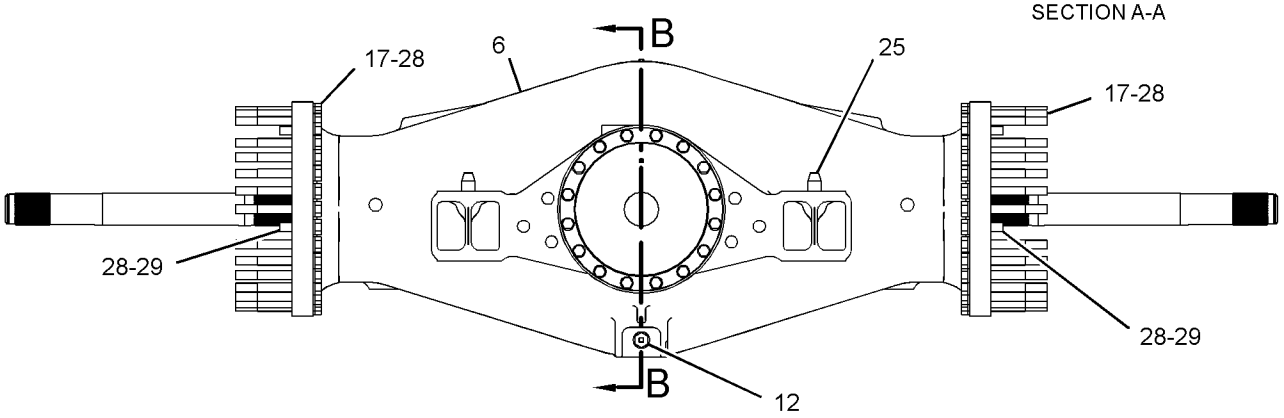
SMCS-3278 **i05879633**

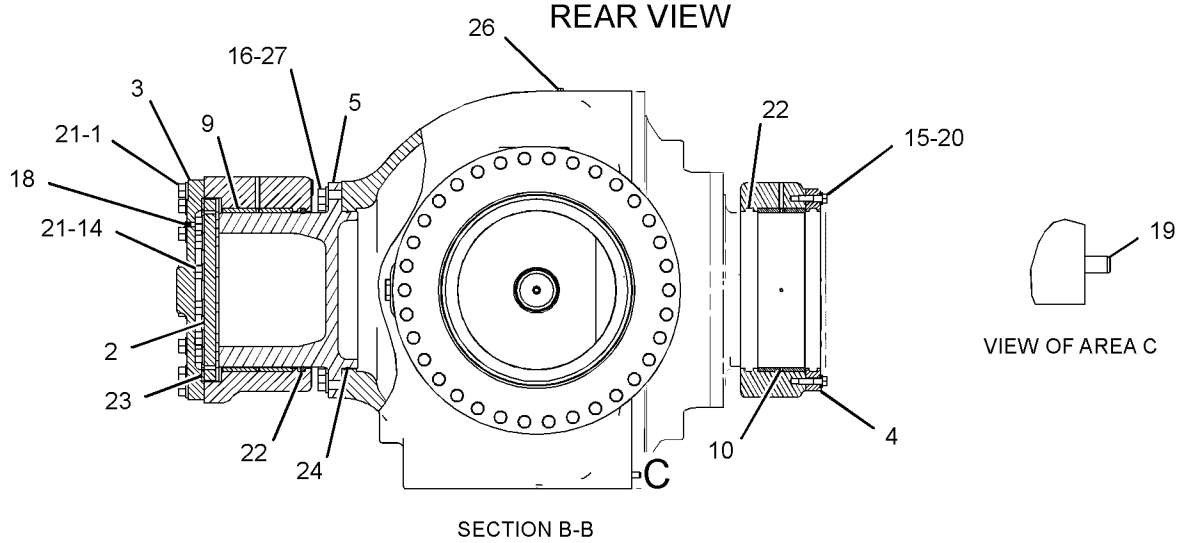
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1D-4608**	16	BOLT (3/4-10X2.75-IN)	
	2	1	**2V-2755**	1	PLATE-THRUST	
	3	1	**2V-2757**	1	COVER	
	4	1	**2V-2761**	1	RETAINER-BEARING	
	5	1	**4E-0078**	1	TRUNNION	
	6	1	**4E-0083**	1	HOUSING-AXLE	
	7	1	**454-9108**	1	SUPPORT-TRUNNION (FRONT)	
	8	1	**454-9109**	1	SUPPORT-TRUNNION (REAR)	
	9	1	**4E-3108**	1	BUSHING	
	10	1	**175-6364**	1	BUSHING	
	11	1	**9U-2963**	2	SHAFT-AXLE	
C	12	1	*165-4929*	1	PLUG AS-MAGNETIC (DIFFERENTIAL)	
		1	**5P-4484**	1	PLUG-MAGNETIC (DIFFERENTIAL)	
		1	**7M-8485**	1	SEAL-O-RING	
C	13	1	*164-4180*	1	PLUG AS	
		1	**7M-8485**	1	SEAL-O-RING	
		1	**9S-4181**	1	PLUG (1-5/16-12-THD)	
	14	1	**320-6751**	12	BOLT-SELF-LOCKING (3/4-10X3.5-IN)	
	15	1	**1A-1460**	12	BOLT (1/2-13X2-IN)	
	16	1	**1D-4626**	16	BOLT (7/8-9X2.75-IN)	
	17	1	**1D-4646**	60	BOLT (1-8X9-IN)	
	18	1	**1K-6853**	2	FITTING-PRESSURE RELIEF	
	19	1	**2K-9062**	1	PIN-SPRING	
	20	1	**2M-0849**	12	WASHER-HARD (13.5X25.5X5-MM THK)	
	21	1	**2S-0115**	28	WASHER-HARD (20X36.5X5-MM THK)	
	22	1	**4V-4884**	3	SEAL-O-RING	
	23	1	**4V-4885**	2	BEARING-THRUST	
	24	1	**5P-2861**	1	SEAL-O-RING	
	25	1	**6M-1622**	4	DOWEL	
	26	1	**8T-0336**	1	FITTING-PRESSURE RELIEF	
	27	1	**9H-1031**	16	WASHER-HARD (24X41.5X6-MM THK)	
	28	1	**9M-2828**	68	WASHER-HARD (28X44.5X6-MM THK)	
	29	1	**1D-4639**	8	BOLT (1-8X4-IN)	
BF			**6V-6640**		SEALANT	

B - USE AS REQUIRED
C - CHANGE FROM PREVIOUS TYPE
F - NOT SHOWN

8R-5467 **AXLE GP-OSCILLATING** (contd.) **i05879633**







GRAPHIC #1 <END> g03712930

229-5373 BLOCK GP-HYDRAULIC

S/N: BTW1-UP

PART OF 284-8008 LINES GP-AXLE OIL COOLER

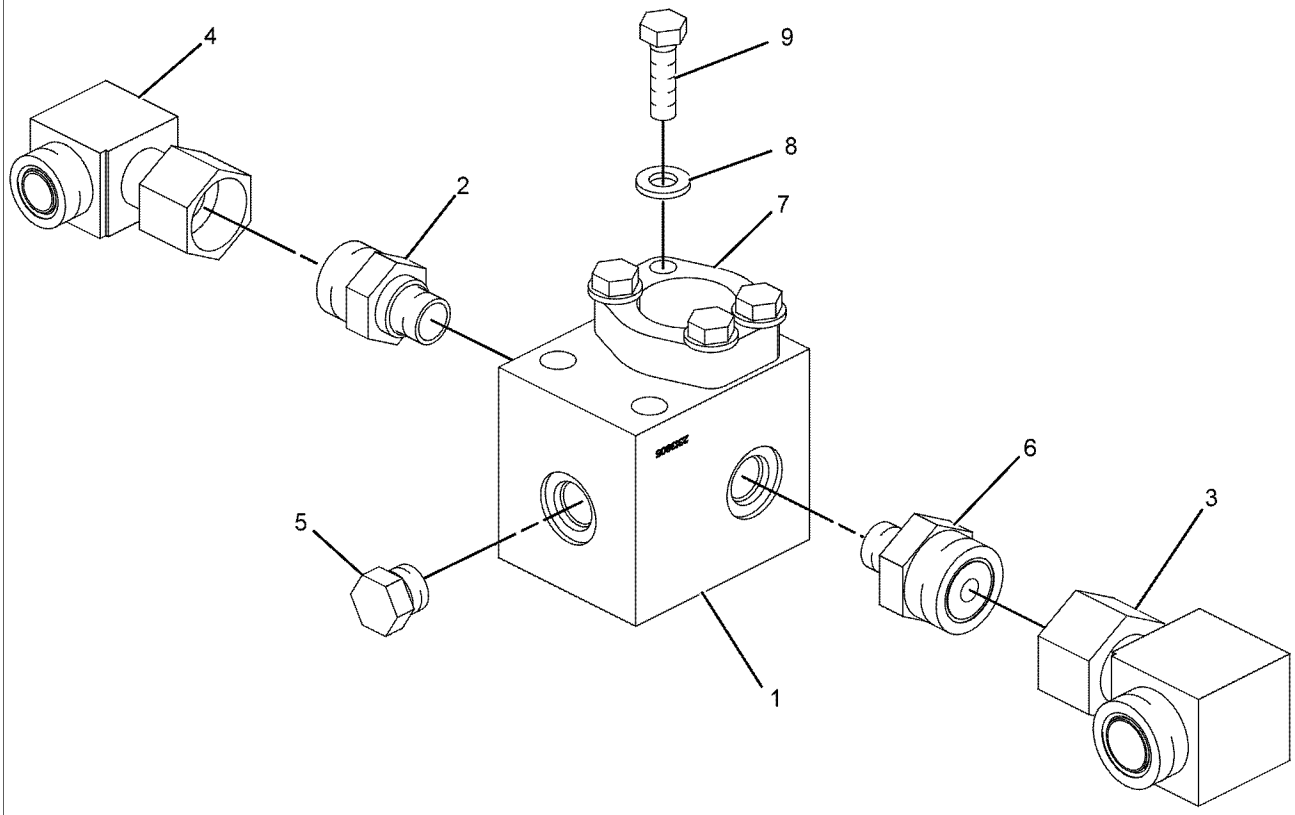
TYPE 1

SMCS-3016 **i01972325**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**231-3805**	1	MANIFOLD	
	2	1	*148-8324*	1	CONNECTOR AS	
		1	**3K-0360**	1	SEAL-O-RING	
		1	**6V-9746**	1	SEAL-O-RING	
		1	**6V-9874**	1	CONNECTOR (STRAIGHT)	
	3	1	*148-8352*	1	ELBOW AS	
		1	**5K-9090**	1	SEAL-O-RING	
		1	**6V-9854**	1	ELBOW (SWIVEL)	
	4	1	*148-8392*	1	ELBOW AS	
		1	**6V-9746**	1	SEAL-O-RING	
		1	**6V-9853**	1	ELBOW	
	5	1	*148-8411*	1	PLUG AS	
		1	**3K-0360**	1	SEAL-O-RING	
		1	**9S-4185**	1	PLUG (3/4-16-THD)	
	6	1	*169-7394*	1	CONNECTOR AS	
		1	**3K-0360**	1	SEAL-O-RING	
		1	**5K-9090**	1	SEAL-O-RING	
		1	**8C-3370**	1	CONNECTOR	
	7	1	**1P-4577**	2	FLANGE-HALF	
	8	1	**8T-4121**	4	WASHER-HARD (11X21X2.5-MM THK)	
M	9	1	**8T-4196**	4	BOLT (M10X1.5X35-MM)	

M - METRIC PART

229-5373 **BLOCK GP-HYDRAULIC** (contd.) **i01972325**



GRAPHIC #1 <END> g01048915

229-5373 BLOCK GP-HYDRAULIC

S/N: BTW1-UP

PART OF 284-8008 LINES GP-AXLE OIL COOLER

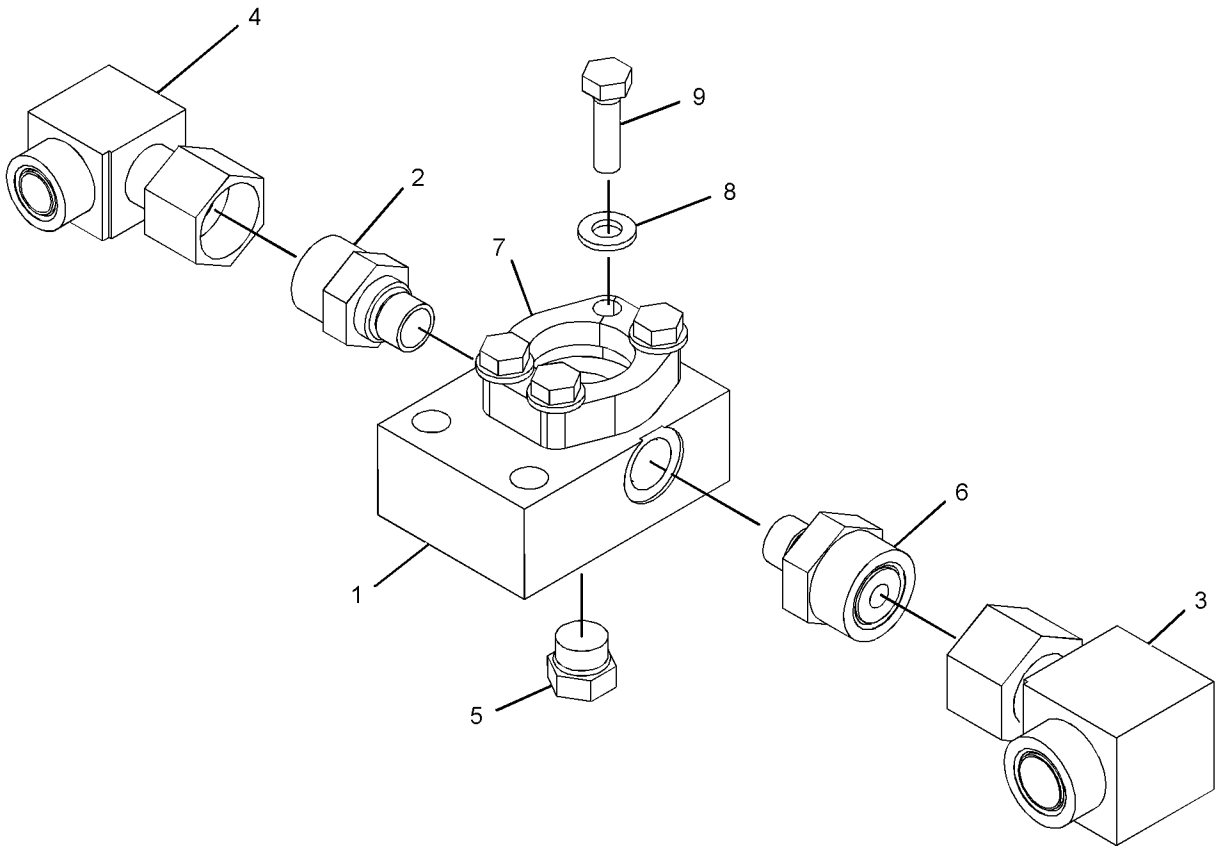
TYPE 2

SMCS-3016 **i05325219**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	**154-1924**	1	MANIFOLD	
	2	1	*148-8324*	1	CONNECTOR AS	
		1	**3K-0360**	1	SEAL-O-RING	
		1	**6V-9746**	1	SEAL-O-RING	
		1	**6V-9874**	1	CONNECTOR (STRAIGHT)	
	3	1	*148-8352*	1	ELBOW AS	
		1	**5K-9090**	1	SEAL-O-RING	
		1	**6V-9854**	1	ELBOW (SWIVEL)	
	4	1	*148-8392*	1	ELBOW AS	
		1	**6V-9746**	1	SEAL-O-RING	
		1	**6V-9853**	1	ELBOW	
	5	1	*148-8411*	1	PLUG AS	
		1	**3K-0360**	1	SEAL-O-RING	
		1	**9S-4185**	1	PLUG (3/4-16-THD)	
	6	1	*169-7394*	1	CONNECTOR AS	
		1	**3K-0360**	1	SEAL-O-RING	
		1	**5K-9090**	1	SEAL-O-RING	
		1	**8C-3370**	1	CONNECTOR	
	7	1	**1P-4577**	2	FLANGE-HALF	
	8	1	**8T-4121**	4	WASHER-HARD (11X21X2.5-MM THK)	
M	9	1	**8T-4196**	4	BOLT (M10X1.5X35-MM)	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART

229-5373 **BLOCK GP-HYDRAULIC** (contd.) **i05325219**



GRAPHIC #1 <END> g03374063

261-2818 BLOCK GP-HYDRAULIC

S/N: BTW1-UP

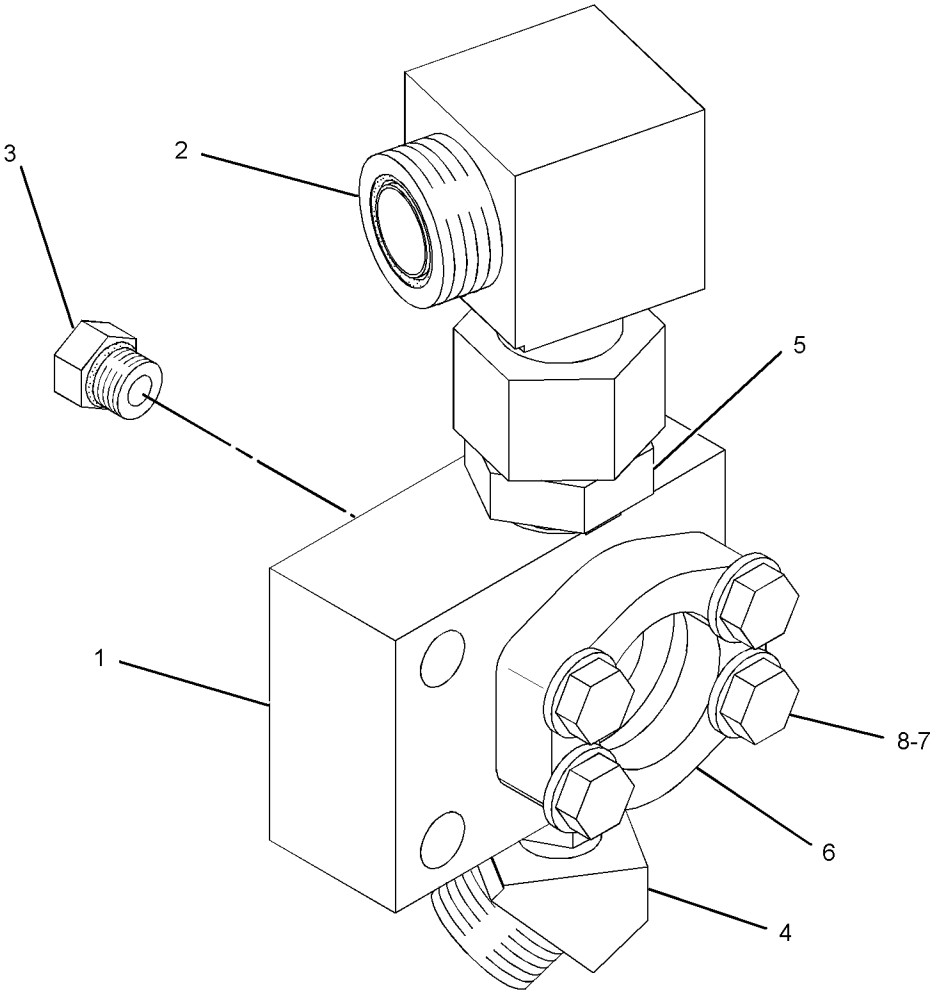
PART OF 284-8008 LINES GP-AXLE OIL COOLER

SMCS-3016 **i02624582**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**154-1924**	1	MANIFOLD	
	2	1	*148-8352*	1	ELBOW AS	
		1	**5K-9090**	1	SEAL-O-RING	
		1	**6V-9854**	1	ELBOW (SWIVEL)	
	3	1	*148-8407*	1	PLUG AS	
		1	**3J-1907**	1	SEAL-O-RING	
		1	**9S-4191**	1	PLUG (9/16-18-THD)	
	4	1	*164-6863*	1	ELBOW AS	
		1	**3K-0360**	1	SEAL-O-RING	
		1	**6V-9746**	1	SEAL-O-RING	
		1	**8C-6920**	1	ELBOW	
	5	1	*169-7394*	1	CONNECTOR AS	
		1	**3K-0360**	1	SEAL-O-RING	
		1	**5K-9090**	1	SEAL-O-RING	
		1	**8C-3370**	1	CONNECTOR	
	6	1	**1P-4577**	2	FLANGE-HALF	
	7	1	**8T-4121**	4	WASHER-HARD (11X21X2.5-MM THK)	
M	8	1	**8T-4196**	4	BOLT (M10X1.5X35-MM)	

M - METRIC PART

261-2818 **BLOCK GP-HYDRAULIC (**contd.**)** **i02624582**



GRAPHIC #1 <END> g01316523

229-7353 BREATHER GP-POWER TRAIN

S/N: BTW1-UP

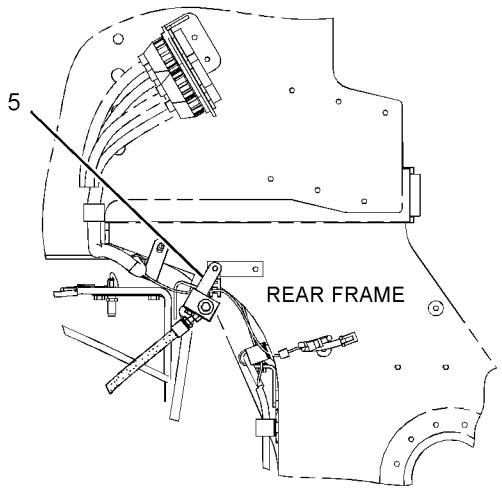
PART OF 230-3268 POWER TRAIN AR

SMCS-3024 **i02564874**

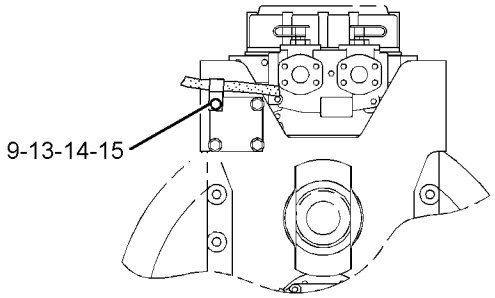
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4H-6112**	2	BREATHER (POWER TRAIN)	
I	2	1	**9U-3337**	1	HOSE AS	
I	3	1	**216-8395**	1	HOSE AS	
	4	1	**159-7630**	2	JUNCTION BLOCK	
	5	1	**246-2805**	1	BRACKET AS	
	6	1	*148-8336*	2	CONNECTOR AS	
					(EACH INCLUDES)	
		1	**6V-8636**	1	CONNECTOR	
		1	**3J-1907**	1	SEAL-O-RING	
		1	**6V-8397**	1	SEAL-O-RING	
	7	1	*148-8378*	1	ELBOW AS	
		1	**6V-8724**	1	ELBOW	
		1	**3J-1907**	1	SEAL-O-RING	
		1	**6V-8397**	1	SEAL-O-RING	
	8	1	*148-8435*	1	TEE AS	
		1	**6V-8781**	1	TEE	
		1	**3J-1907**	1	SEAL-O-RING	
		1	**6V-8397**	2	SEAL-O-RING	
	9	1	**4D-7735**	1	CLIP	
	10	1	**8T-4223**	1	WASHER-HARD (13.5X25.5X3-MM THK)	
M	11	1	**8T-4910**	1	BOLT (M12X1.75X60-MM)	
M	12	1	**8T-6466**	1	BOLT (M10X1.5X60-MM)	
	13	1	**8T-4121**	2	WASHER-HARD (11X21X2.5-MM THK)	
	14	1	**7W-8106**	1	SPACER (11.13X19.05X15-MM THK)	
M	15	1	**8T-4186**	1	BOLT (M10X1.5X40-MM)	

I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART

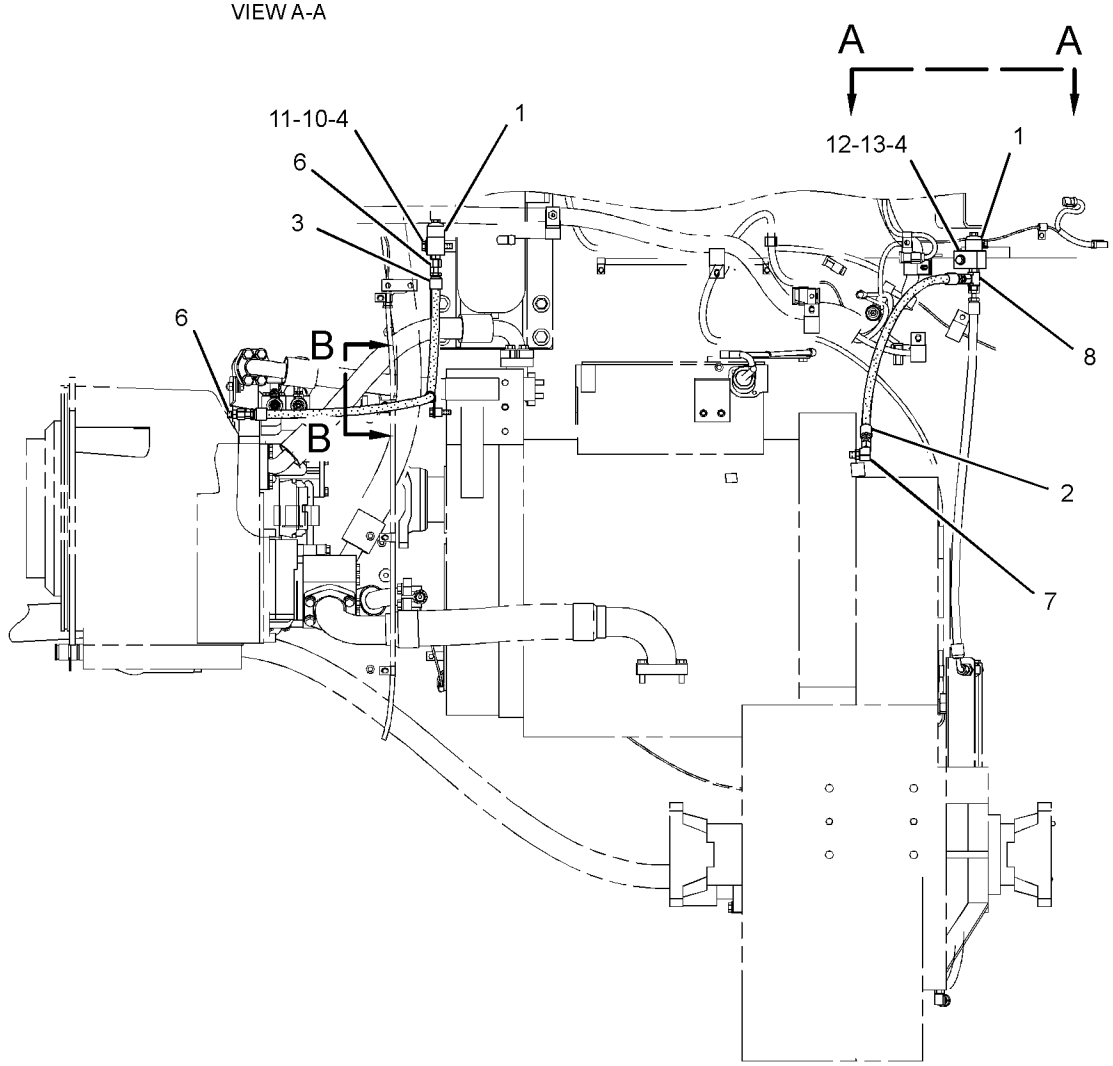
229-7353 **BREATHER GP-POWER TRAIN** (contd.) **i02564874**



VIEW A-A



SECTION B-B



RIGHT SIDE VIEW

GRAPHIC #1 <END> g01290090

6Y-6973 CASE & PARTS GP-PLANETARY

S/N: MPR1-UP

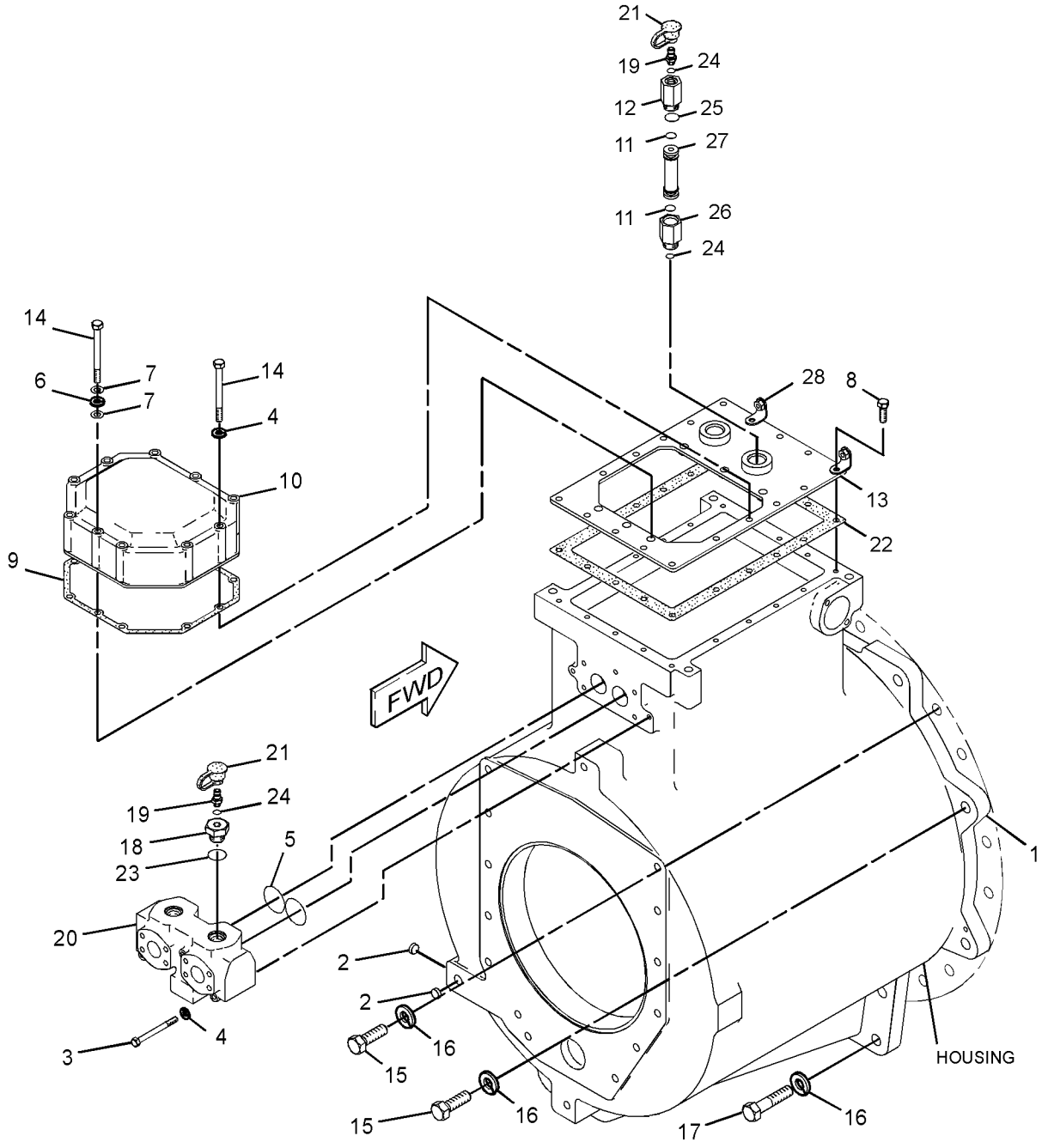
PART OF 239-7153 TRANSMISSION AR

SMCS-3064 **i05870560**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6I-8493**	1	CASE AS-PLANETARY	
	2	1	**7M-5839**	2	PLUG-CUP	
	3	1	**0T-0065**	3	BOLT (3/8-16X3.5-IN)	
	4	1	**5M-2894**	7	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	5	1	**8M-4992**	2	SEAL-O-RING	
	6	1	**3S-0004**	6	WASHER (0.406X0.728X0.09-IN THK)	
	7	1	**9S-1018**	12	WASHER (9.73X19.05X0.84-MM THK)	
	8	1	**0L-1351**	14	BOLT (3/8-16X0.875-IN)	
	9	1	**8E-4929**	1	GASKET	
	10	1	**8E-4928**	1	COVER	
C	11	1	**8M-8157**	4	SEAL-O-RING	
C	12	1	**132-9877**	2	ADAPTER	
C	13	1	**132-9875**	1	COVER AS	
	14	1	**0S-1608**	10	BOLT (3/8-16X3.75-IN)	
	15	1	**9X-8885**	19	BOLT (3/4-10X2.25-IN)	
	16	1	**5P-8248**	23	WASHER-HARD (20X36.5X3.5-MM THK)	
	17	1	**3B-2968**	4	BOLT (3/4-10X3.5-IN)	
	18	1	**2P-8421**	2	ADAPTER-O-RING	
C	19	1	**6V-3965**	4	FITTING (QUICK DISCONNECT)	
	20	1	**6Y-5544**	1	MANIFOLD	
C	21	1	**6V-0852**	4	CAP-DUST	
	22	1	**8E-7249**	1	GASKET	
	23	1	**3D-2824**	2	SEAL-O-RING	
C	24	1	**3J-1907**	6	SEAL-O-RING	
C	25	1	**4K-1388**	2	SEAL-O-RING	
C	26	1	**8E-1717**	2	ADAPTER	
C	27	1	**8E-7253**	2	SLEEVE	
	28	1	**124-3019**	2	BRACKET AS	

C - CHANGE FROM PREVIOUS TYPE

6Y-6973 **CASE & PARTS GP-PLANETARY (**contd.**)** **i05870560**



GRAPHIC #1 <END> g01286191

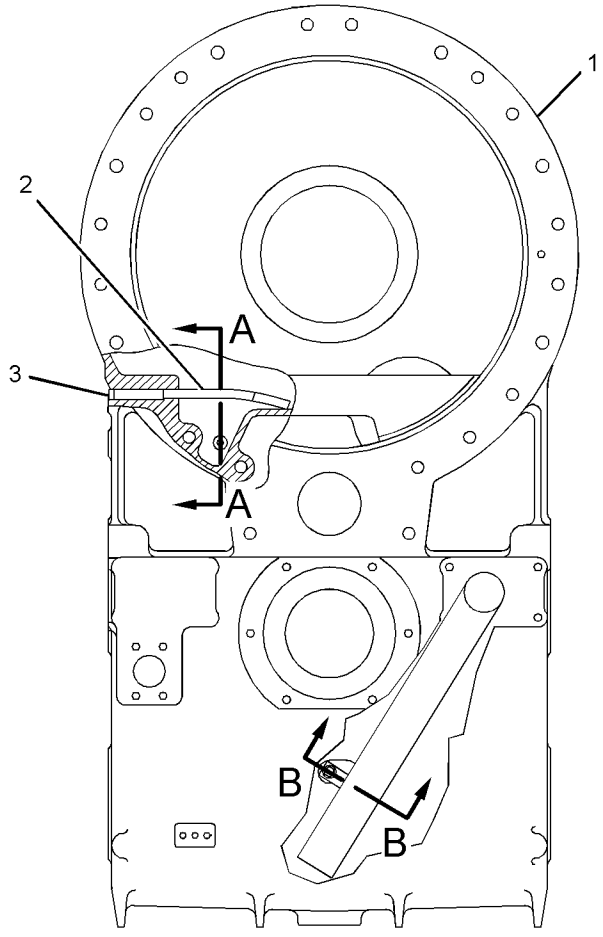
239-7159 CASE GP-TRANSMISSION

S/N: MPR1-UP

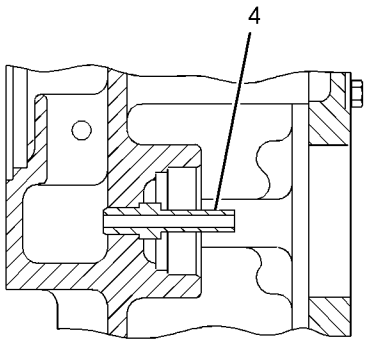
PART OF 239-7156 GEAR GP-OUTPUT TRANSFER

SMCS-3064 **i03917450**

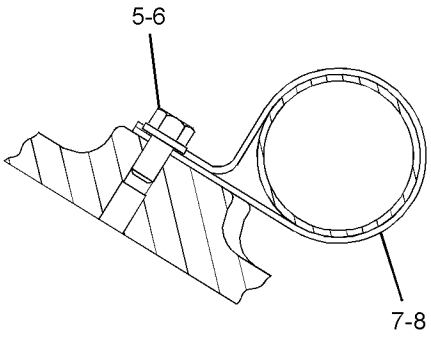
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**239-7158**	1	CASE AS-TRANSFER GEAR	
		1	**8M-8659**	2	DOWEL	
		1	**1A-1460**	5	BOLT (1/2-13X2-IN)	
	2	1	**325-0117**	1	TUBE AS	
	3	1	**7M-5839**	1	PLUG-CUP	
	4	1	**6I-8055**	1	TUBE	
	5	1	**5K-9107**	1	BOLT-LOCKING (3/8-16X0.75-IN)	
	6	1	**5M-2894**	1	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	7	1	**2S-7010**	1	CLIP	
	8	1	**115-9461**	1	TUBE	



REAR VIEW



SECTION A-A



SECTION B-B

GRAPHIC #1 <END> g01258673

8E-6392 CONTROL GP-TRANSMISSION HYD

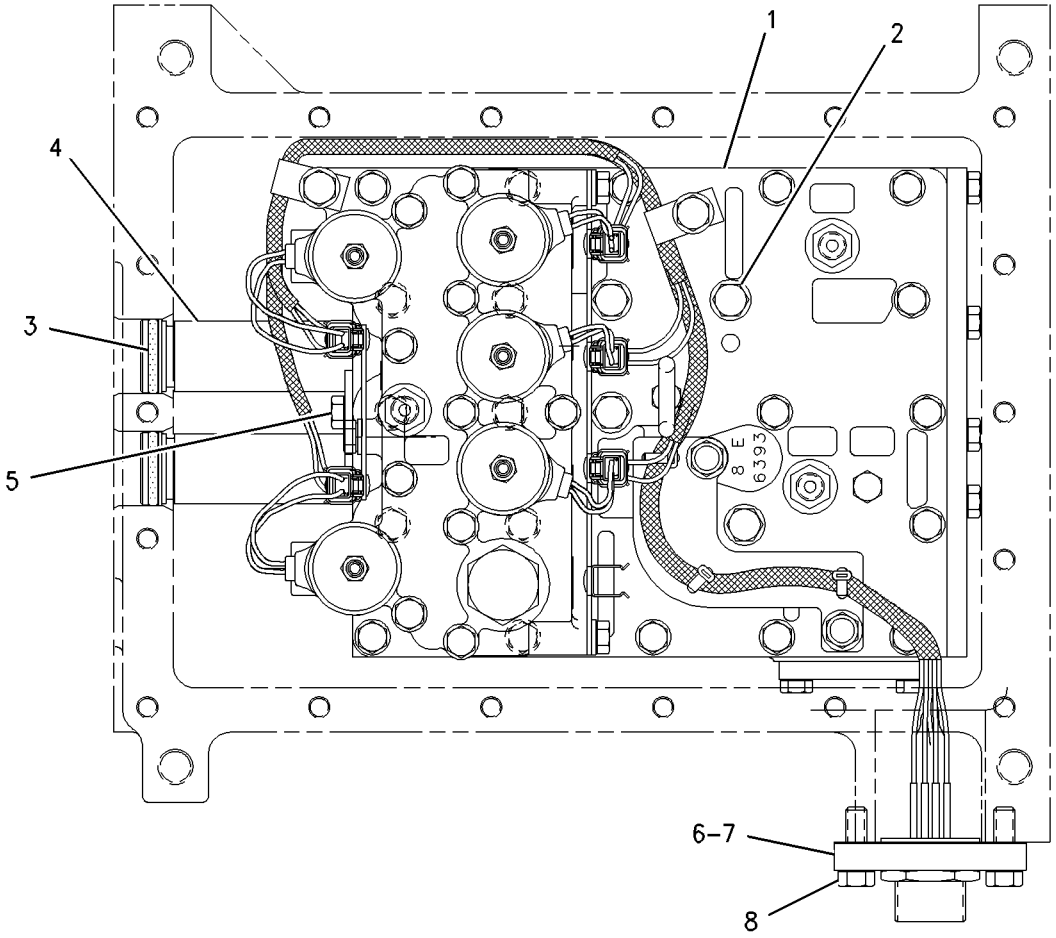
S/N: MPR1-UP

PART OF 239-7153 TRANSMISSION AR

SMCS-3073, 3167 **i01645312**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	*8E-6393*	1	VALVE GP-TRANSMISSION CONTROL	799
	2	1	**6B-1557**	4	BOLT (3/8-16X7.5-IN)	
		1	**5M-2894**	4	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	3	1	**8M-4432**	4	SEAL-O-RING	
	4	1	**6P-4977**	2	SLEEVE	
	5	1	**8L-5922**	1	BOLT-LOCKING (5/16-18X0.563-IN)	
		1	**141-8466**	1	RETAINER	
	6	1	**104-6729**	1	RETAINER	
	7	1	**104-6730**	1	GASKET	
	8	1	**1A-2029**	2	BOLT (3/8-16X1.125-IN)	

Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g00854933

243-6010 COOLER & MTG GP-AXLE OIL

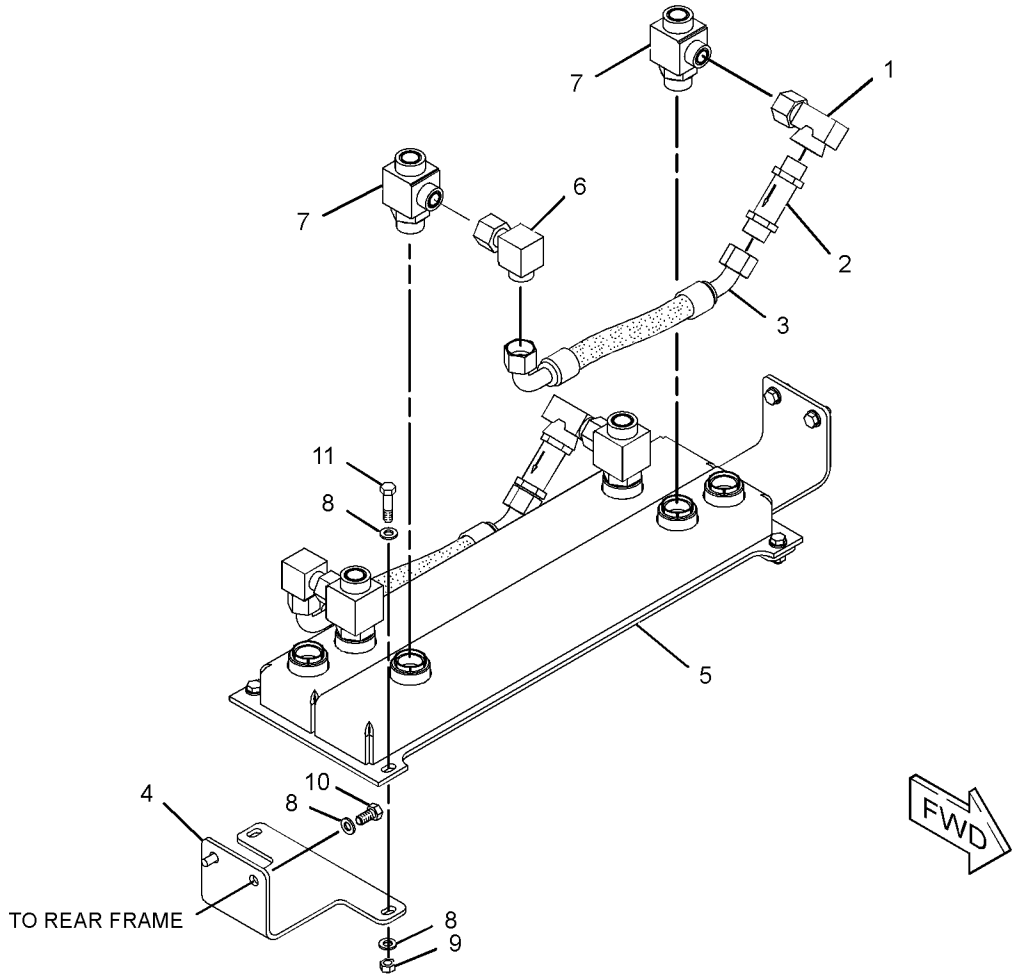
S/N: BTW1-UP
CUSTOM
PART OF 353-4134 COOLER AR-AXLE OIL

SMCS-1365 **i02337417**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9X-2538**	2	ELBOW	
Y	2	1	**130-5202**	2	VALVE GP-CHECK	787
I	3	1	**204-8744**	2	HOSE AS	
	4	1	**243-6009**	2	BRACKET	
	5	1	**243-6011**	1	COOLER AS-AXLE OIL	
	6	1	*148-8392*	2	ELBOW AS	
					(EACH INCLUDES)	
		1	**6V-9746**	1	SEAL-O-RING	
		1	**6V-9853**	1	ELBOW	
	7	1	*148-8422*	4	TEE AS	
					(EACH INCLUDES)	
		1	**5K-9090**	1	SEAL-O-RING	
		1	**6V-9746**	1	SEAL-O-RING	
		1	**7M-8485**	1	SEAL-O-RING	
		1	**8T-6356**	1	TEE-O-RING PORT	
	8	1	**8T-4121**	12	WASHER-HARD (11X21X2.5-MM THK)	
M	9	1	**8T-4133**	4	NUT (M10X1.5-THD)	
M	10	1	**8T-4136**	4	BOLT (M10X1.5X25-MM)	
M	11	1	**8T-4195**	4	BOLT (M10X1.5X30-MM)	

I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART
Y - SEPARATE ILLUSTRATION

243-6010 **COOLER & MTG GP-AXLE OIL (**contd.**)** **i02337417**



GRAPHIC #1 <END> g01167295

353-4134 COOLER AR-AXLE OIL

S/N: BTW1-UP

PART OF 353-4304 AXLE AR-FIXED & OSCILLATING

SMCS-1365 **i04527176**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*243-6010*	1	COOLER & MTG GP-AXLE OIL	679
Y	*285-8204*	1	HARDWARE GP-REAR FRAME	898
Y	*284-8008*	1	LINES GP-AXLE OIL COOLER	717
Y	*286-3215*	1	WIRING GP-RELAY PANEL	651

Y - SEPARATE ILLUSTRATION

<END>

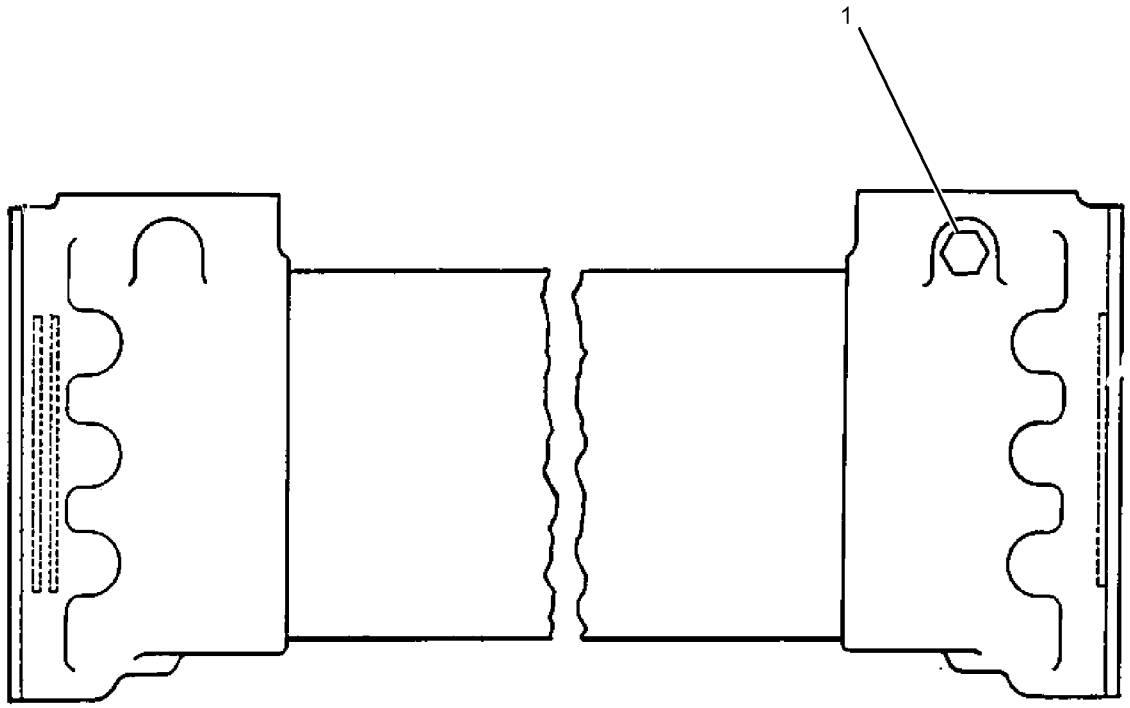
4W-0419 CORE GP-OIL COOLER–TRANSMISSION*R

S/N: EHX2416-UP

PART OF 217-5673 LINES GP-WATER

SMCS-1375 **i05868587**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8T-6764**	2	PLUG-PIPE (1/8-27-THD)	



GRAPHIC #1 <END> g01061355

512-5159 COVER GP-MOTOR

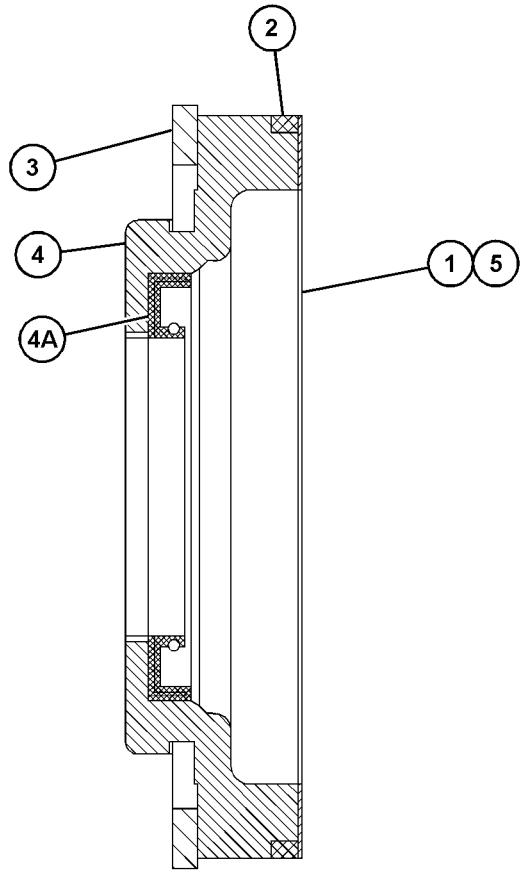
S/N: BTW1-UP

PART OF 229-0100 MOTOR GP-PISTON

SMCS-4351 **i06858588**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
B	1	1	**9T-1576**	2	SHIM (0.1-MM THK)	
	2	1	**5D-5958**	1	SEAL-O-RING	
	3	1	**6V-3326**	1	RING-RETAINING	
	4	1	**472-3665**	1	COVER AS-FRONT	
	4A	1	**123-5748**	1	SEAL-SHAFT	
B	5	1	**9T-1579**	2	SHIM (0.3-MM THK)	

B - USE AS REQUIRED



GRAPHIC #1 <END> g06165984

239-7157 COVER GP-SHIPPING

S/N: MPR1-UP

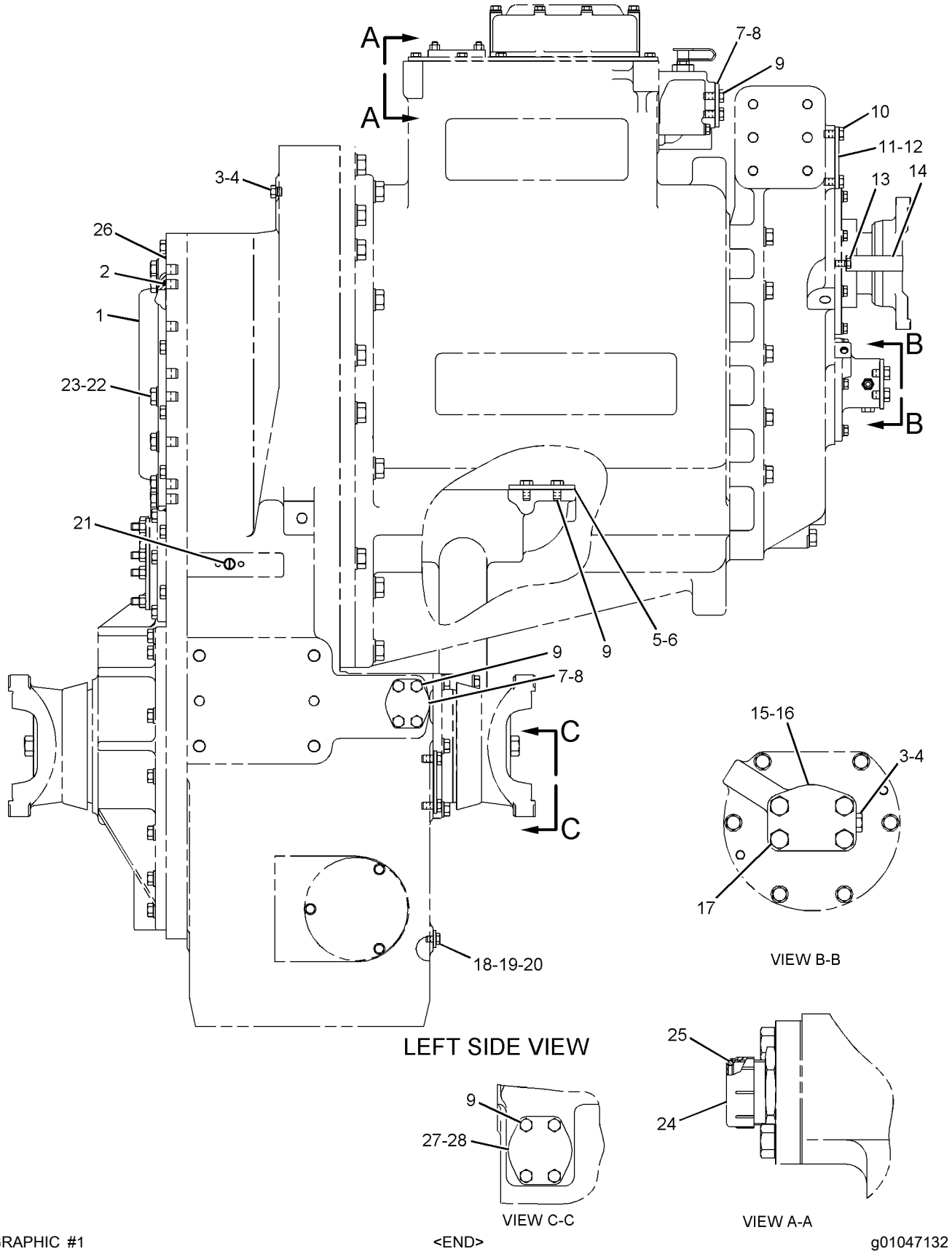
PART OF 239-7153 TRANSMISSION AR

SMCS-3064 **i02028070**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**150-3384**	1	COVER-SHIPPING	
	2	1	**5M-4454**	1	SEAL-O-RING	
	3	1	**9S-4191**	2	PLUG (9/16-18-THD)	
	4	1	**3J-1907**	2	SEAL-O-RING	
	5	1	**7J-0401**	1	COVER	
	6	1	**7H-1495**	1	GASKET	
	7	1	**8X-6166**	3	COVER	
	8	1	**8E-7366**	3	GASKET	
M	9	1	**6A-5591**	20	BOLT (M12X1.75X25-MM)	
M	10	1	**6V-6317**	4	BOLT (M10X1.5X20-MM)	
	11	1	**9P-4331**	1	COVER	
	12	1	**4K-1657**	1	GASKET	
	13	1	**0S-0509**	2	BOLT (3/8-16X0.75-IN)	
	14	1	**8E-5287**	1	STRAP	
	15	1	**1S-3730**	1	COVER	
	16	1	**8E-7365**	1	GASKET	
	17	1	**0S-1620**	4	BOLT (1/2-13X0.75-IN)	
M	18	1	**8T-4191**	2	BOLT (M10X1.5X16-MM)	
	19	1	**5M-3154**	1	COVER	
	20	1	**1S-6595**	1	GASKET-OIL SUPPLY	
	21	1	**2P-1294**	1	PLUG-SEAL	
M	22	1	**6V-5844**	10	BOLT (M16X2X35-MM)	
	23	1	**5P-8247**	10	WASHER-HARD (17X32X3.5-MM THK)	
	24	1	**3E-4046**	1	PLUG	
	25	1	**3D-2992**	1	SEAL	
	26	1	**6D-0692**	1	SEAL-O-RING	
	27	1	**3J-6933**	1	GASKET	
	28	1	**7J-0402**	1	COVER	

M - METRIC PART

239-7157 **COVER GP-SHIPPING (**contd.**)** **i02028070**



GRAPHIC #1

<END>

g01047132

121-4658 DIFFERENTIAL & BEVEL GEAR GP

S/N: BTW1-UP

PART OF 240-5664, 287-1887 AXLE AR-FIXED, 240-5665 AXLE AR-OSCILLATING

SMCS-3254, 3256, 3258

i04233231

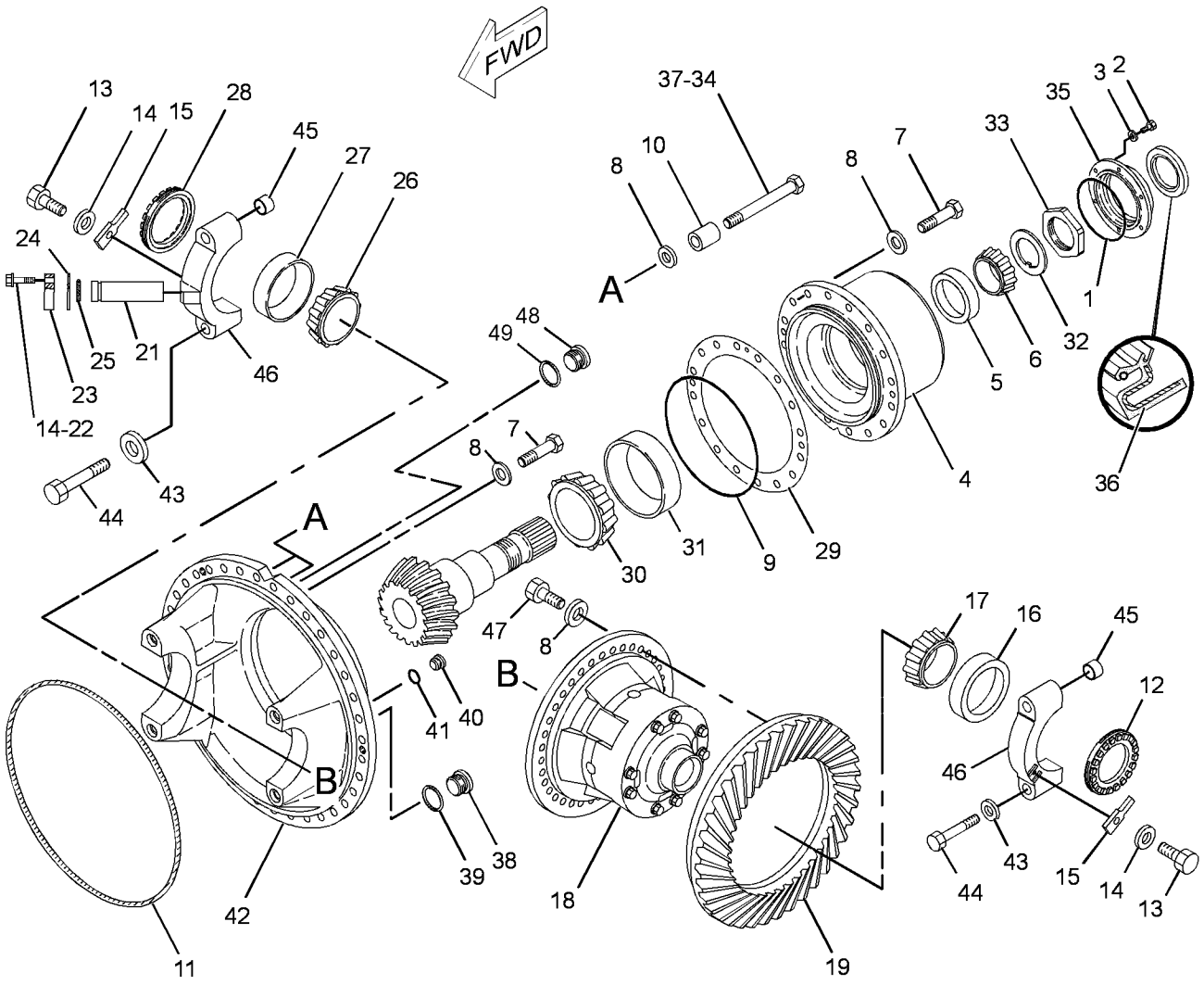
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
J	1	1	**8F-6230**	1	SEAL-O-RING	
	2	1	**034-3557**	6	BOLT-LOCKING (3/8-16X1.125-IN)	
	3	1	**5M-2894**	6	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	4	1	**101-0365**	1	HOUSING-PINION	
J	5	1	**5P-7843**	1	CUP-BEARING	
	6	1	**8F-1610**	1	CONE-BEARING	
	7	1	**1D-4626**	54	BOLT (7/8-9X2.75-IN)	
	8	1	**5P-8249**	92	WASHER-HARD (24X41.5X4-MM THK)	
J	9	1	**2M-3340**	1	SEAL-O-RING	
B	10	1	**1V-7750**	2	SPACER (27X44.5X57-MM THK)	
J	11	1	**2D-6506**	1	SEAL-O-RING	
	12	1	**6W-8399**	1	NUT-ADJUSTMENT	
	13	1	**5K-8454**	2	BOLT (1/2-13X1.12-IN)	
	14	1	**5P-8245**	6	WASHER-HARD (13.5X25.5X3-MM THK)	
	15	1	**9K-4454**	2	LOCK	
J	16	1	**1M-6573**	1	CUP-BEARING (TAPERED ROLLER)	
J	17	1	**9M-2744**	1	CONE-BEARING (TAPERED ROLLER)	
Y	18	1	**120-0550**	1	DIFFERENTIAL GP	695
	19	1	*356-4196*	1	SET-BEVEL GEAR	
		1	**356-4195**	1	SHAFT-BEVEL PINION	
		1	**100-7418**	1	GEAR-BEVEL (53-TEETH)	
	21	1	**6W-8401**	1	PIN	
	22	1	**0S-1587**	4	BOLT (1/2-13X1.75-IN)	
	23	1	**5V-5670**	1	COVER	
B	24	1	**5V-5669**	1	SHIM PACK (INCLUDES 15-SHIMS)	
J	25	1	**2H-3932**	1	SEAL-O-RING	
J	26	1	**126-8181**	1	CONE-BEARING (TAPERED ROLLER)	
J	27	1	**126-8182**	1	CUP-BEARING (TAPERED ROLLER)	
	28	1	**6W-8400**	1	NUT-ADJUSTMENT	
B	29	1	**1V-2718**	1	SHIM PACK (INCLUDES 20-SHIMS)	
J	30	1	**2J-7138**	1	CONE-BEARING (TAPERED ROLLER)	
J	31	1	**2J-7137**	1	CUP-BEARING	
	32	1	**141-8570**	1	WASHER (110.4X155.2X7-MM)	
	33	1	**245-3078**	1	NUT-STAKE	
B	34	1	**9S-1351**	2	BOLT (7/8-9X5-IN)	
	35	1	**138-1843**	1	RETAINER	
J	36	1	**133-4296**	1	SEAL-LIP TYPE	
B	37	1	**1D-4626**	2	BOLT (7/8-9X2.75-IN)	
					(USED IN PLACE OF ITEMS 39 & 40 ON MODEL 4FR/ 2KZ FRONT AXLE ONLY)	
C	38	1	**9S-9334**	1	PLUG-O-RING	
CJ	39	1	**7M-8485**	1	SEAL-O-RING	
	40	1	**9S-8004**	1	PLUG (9/16-18-THD)	
J	41	1	**3J-1907**	1	SEAL-O-RING	
C	42	1	**237-5524**	1	CARRIER AS-DIFFERENTIAL	
	43	1	**4K-0684**	4	WASHER-HARD (34X55X6-MM THK)	
	44	1	**6V-2624**	4	BOLT (1-1/4-7X7-IN)	
	45	1	**7V-9514**	4	SLEEVE	

121-4658 **DIFFERENTIAL & BEVEL GEAR GP (**contd.**)** **i04233231**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Z	46	1			CAP	
	47	1	**6F-7035**	36	BOLT (7/8-14X2.25-IN)	
	48	1	**9S-8010**	1	PLUG	
J	49	1	**2S-4078**	1	SEAL-O-RING	
					AVAILABLE REPAIR KIT(S):	
J			**163-7294**	1	KIT-BEARING	

B - USE AS REQUIRED
C - CHANGE FROM PREVIOUS TYPE
J - KIT MARKED J SERVICES PART(S) MARKED J
Y - SEPARATE ILLUSTRATION
Z - NOT SERVICED SEPARATELY

121-4658 **DIFFERENTIAL & BEVEL GEAR GP** (contd.) **i04233231**



GRAPHIC #1 <END> g02471337

322-2819 DIFFERENTIAL & BEVEL GEAR GP

S/N: BTW1-UP

PART OF 240-5664, 287-1887 AXLE AR-FIXED, 240-5665 AXLE AR-OSCILLATING

SMCS-3254, 3256, 3258

i04233134

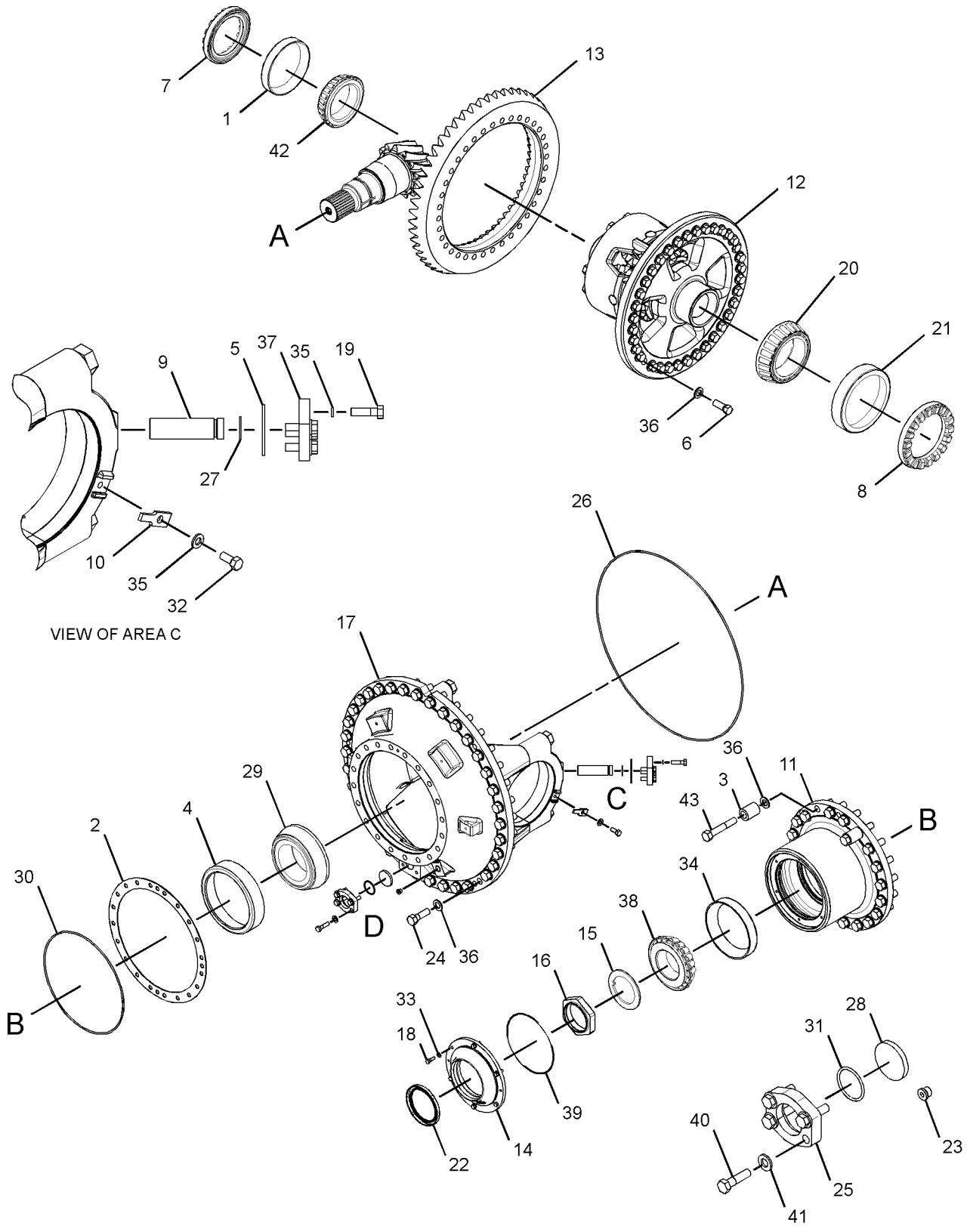
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1M-6573**	1	CUP-BEARING (TAPERED ROLLER)	
	2	1	**1V-2718**	1	SHIM PACK (INCLUDES 20-SHIMS)	
	3	1	**1V-7750**	2	SPACER (27X44.5X57-MM THK)	
	4	1	**2J-7137**	1	CUP-BEARING	
	5	1	**5V-5669**	1	SHIM PACK (INCLUDES 15-SHIMS)	
	6	1	**6F-7035**	36	BOLT (7/8-14X2.25-IN)	
	7	1	**6W-8399**	1	NUT-ADJUSTMENT	
	8	1	**6W-8400**	1	NUT-ADJUSTMENT	
	9	1	**6W-8401**	1	PIN	
	10	1	**9K-4454**	2	LOCK	
	11	1	**101-0365**	1	HOUSING-PINION	
Y	12	1	**120-0550**	1	DIFFERENTIAL GP	695
	13	1	*356-4196*	1	SET-BEVEL GEAR	
		1	**356-4195**	1	SHAFT-BEVEL PINION	
		1	**100-7418**	1	GEAR-BEVEL (53-TEETH)	
	14	1	**138-1843**	1	RETAINER	
	15	1	**141-8570**	1	WASHER (110.4X155.2X7-MM)	
	16	1	**245-3078**	1	NUT-STAKE	
	17	1	**346-4923**	1	CARRIER AS-DIFFERENTIAL	
		1	**4K-0684**	4	WASHER-HARD (34X55X6-MM THK)	
		1	**6V-2624**	4	BOLT (1-1/4-7X7-IN)	
		1	**7V-9514**	4	SLEEVE	
	18	1	**034-3557**	6	BOLT-LOCKING (3/8-16X1.125-IN)	
	19	1	**0S-1587**	4	BOLT (1/2-13X1.75-IN)	
	20	1	**126-8181**	1	CONE-BEARING (TAPERED ROLLER)	
	21	1	**126-8182**	1	CUP-BEARING (TAPERED ROLLER)	
	22	1	**133-4296**	1	SEAL-LIP TYPE	
	23	1	*162-0177*	1	PLUG AS	
		1	**3J-1907**	1	SEAL-O-RING	
		1	**9S-8004**	1	PLUG (9/16-18-THD)	
B	24	1	**1D-4626**	56	BOLT (7/8-9X2.75-IN)	
	25	1	**1P-4579**	2	FLANGE-HALF	
	26	1	**2D-6506**	1	SEAL-O-RING	
	27	1	**2H-3932**	1	SEAL-O-RING	
	28	1	**2J-2668**	1	COVER-FLANGE	
	29	1	**2J-7138**	1	CONE-BEARING (TAPERED ROLLER)	
	30	1	**2M-3340**	1	SEAL-O-RING	
	31	1	**4J-0524**	1	SEAL-O-RING	
	32	1	**5K-8454**	2	BOLT (1/2-13X1.12-IN)	
	33	1	**5M-2894**	6	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	34	1	**5P-7843**	1	CUP-BEARING	
	35	1	**5P-8245**	6	WASHER-HARD (13.5X25.5X3-MM THK)	
	36	1	**5P-8249**	92	WASHER-HARD (24X41.5X4-MM THK)	
	37	1	**5V-5670**	1	COVER	
	38	1	**124-9536**	1	CONE-BEARING	
	39	1	**8F-6230**	1	SEAL-O-RING	
M	40	1	**8T-4184**	4	BOLT (M12X1.75X45-MM)	

322-2819 **DIFFERENTIAL & BEVEL GEAR GP (**contd.**)** **i04233134**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	41	1	**8T-4223**	4	WASHER-HARD (13.5X25.5X3-MM THK)	
	42	1	**9M-2744**	1	CONE-BEARING (TAPERED ROLLER)	
	43	1	**9S-1351**	2	BOLT (7/8-9X5-IN)	

B - USE AS REQUIRED
M - METRIC PART
Y - SEPARATE ILLUSTRATION

322-2819 **DIFFERENTIAL & BEVEL GEAR GP (**contd.**)** **i04233134**



GRAPHIC #1 <END> g02236815

366-7857 DIFFERENTIAL & BEVEL GEAR GP

S/N: BTW1-UP

PART OF 366-7858, 368-5024 AXLE AR-OSCILLATING

SMCS-3254, 3256, 3258 **i04530494**

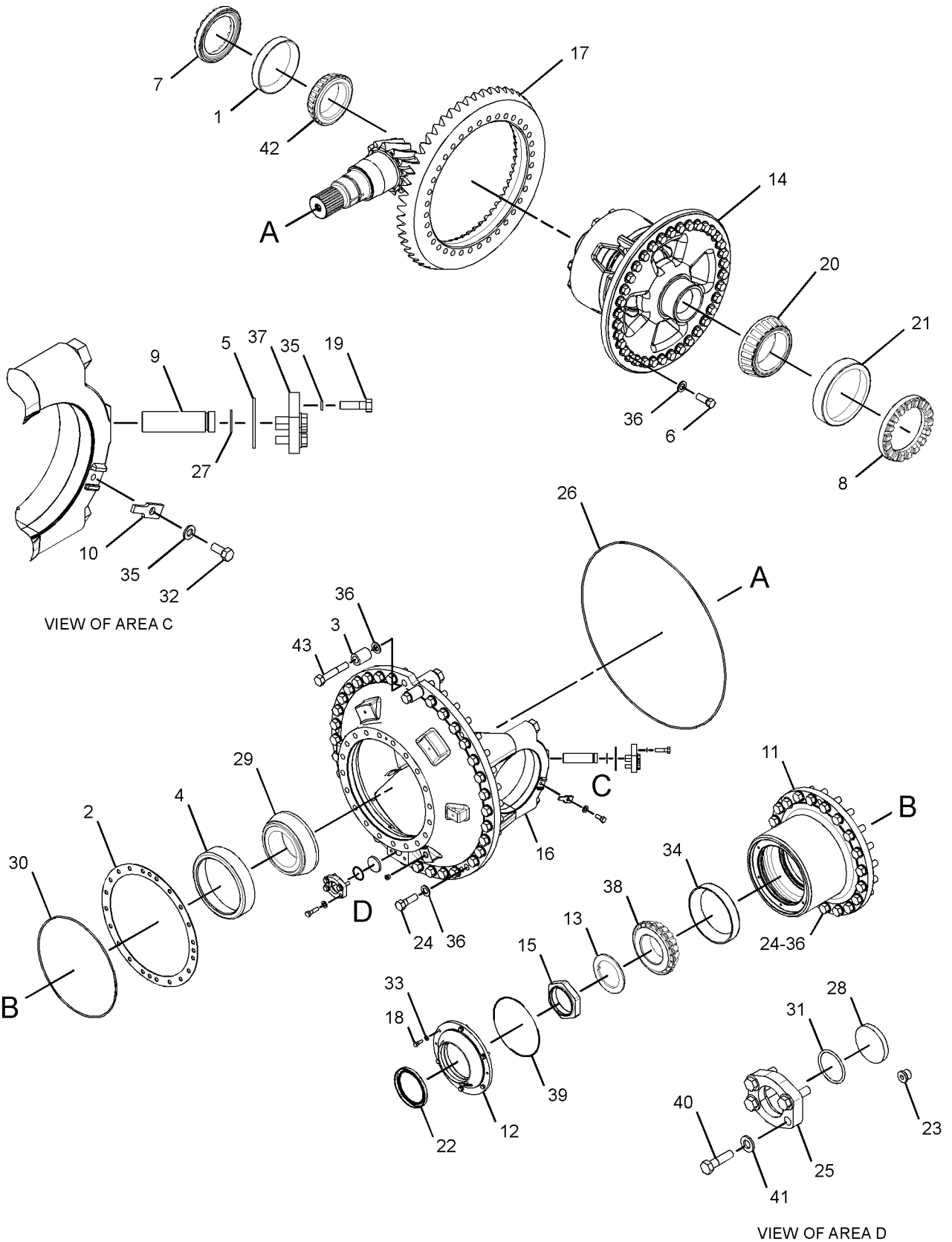
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1M-6573**	1	CUP-BEARING (TAPERED ROLLER)	
	2	1	**1V-2718**	1	SHIM PACK (INCLUDES 20-SHIMS)	
	3	1	**1V-7750**	2	SPACER (27X44.5X57-MM THK)	
	4	1	**2J-7137**	1	CUP-BEARING	
	5	1	**5V-5669**	1	SHIM PACK (INCLUDES 15-SHIMS)	
	6	1	**6F-7035**	36	BOLT (7/8-14X2.25-IN)	
	7	1	**6W-8399**	1	NUT-ADJUSTMENT	
	8	1	**6W-8400**	1	NUT-ADJUSTMENT	
	9	1	**6W-8401**	1	PIN	
	10	1	**9K-4454**	2	LOCK	
	11	1	**101-0365**	1	HOUSING-PINION	
	12	1	**138-1843**	1	RETAINER	
	13	1	**141-8570**	1	WASHER (110.4X155.2X7-MM)	
Y	14	1	**154-6384**	1	DIFFERENTIAL GP-NOSPIN	696
	15	1	**245-3078**	1	NUT-STAKE	
	16	1	**346-4923**	1	CARRIER AS-DIFFERENTIAL	
		1	**4K-0684**	4	WASHER-HARD (34X55X6-MM THK)	
		1	**6V-2624**	4	BOLT (1-1/4-7X7-IN)	
		1	**7V-9514**	4	SLEEVE	
	17	1	*356-4196*	1	SET-BEVEL GEAR	
		1	**100-7418**	1	GEAR-BEVEL (53-TEETH)	
		1	**356-4195**	1	SHAFT-BEVEL PINION	
	18	1	**034-3557**	6	BOLT-LOCKING (3/8-16X1.125-IN)	
	19	1	**0S-1587**	4	BOLT (1/2-13X1.75-IN)	
	20	1	**126-8181**	1	CONE-BEARING (TAPERED ROLLER)	
	21	1	**126-8182**	1	CUP-BEARING (TAPERED ROLLER)	
	22	1	**133-4296**	1	SEAL-LIP TYPE	
	23	1	*162-0177*	1	PLUG AS	
		1	**3J-1907**	1	SEAL-O-RING	
		1	**9S-8004**	1	PLUG (9/16-18-THD)	
B	24	1	**1D-4626**	56	BOLT (7/8-9X2.75-IN)	
	25	1	**1P-4579**	2	FLANGE-HALF	
	26	1	**2D-6506**	1	SEAL-O-RING	
	27	1	**2H-3932**	1	SEAL-O-RING	
	28	1	**2J-2668**	1	COVER-FLANGE	
	29	1	**2J-7138**	1	CONE-BEARING (TAPERED ROLLER)	
	30	1	**2M-3340**	1	SEAL-O-RING	
	31	1	**4J-0524**	1	SEAL-O-RING	
	32	1	**5K-8454**	2	BOLT (1/2-13X1.12-IN)	
	33	1	**5M-2894**	6	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	34	1	**5P-7843**	1	CUP-BEARING	
	35	1	**5P-8245**	6	WASHER-HARD (13.5X25.5X3-MM THK)	
	36	1	**5P-8249**	92	WASHER-HARD (24X41.5X4-MM THK)	
	37	1	**5V-5670**	1	COVER	
	38	1	**124-9536**	1	CONE-BEARING	
	39	1	**8F-6230**	1	SEAL-O-RING	
M	40	1	**8T-4184**	4	BOLT (M12X1.75X45-MM)	

366-7857 **DIFFERENTIAL & BEVEL GEAR GP (**contd.**)** **i04530494**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	41	1	**8T-4223**	4	WASHER-HARD (13.5X25.5X3-MM THK)	
	42	1	**9M-2744**	1	CONE-BEARING (TAPERED ROLLER)	
	43	1	**9S-1351**	2	BOLT (7/8-9X5-IN)	

B - USE AS REQUIRED
M - METRIC PART
Y - SEPARATE ILLUSTRATION

366-7857 **DIFFERENTIAL & BEVEL GEAR GP** (contd.) **i04530494**



GRAPHIC #1 <END> g02824879

120-0550 DIFFERENTIAL GP

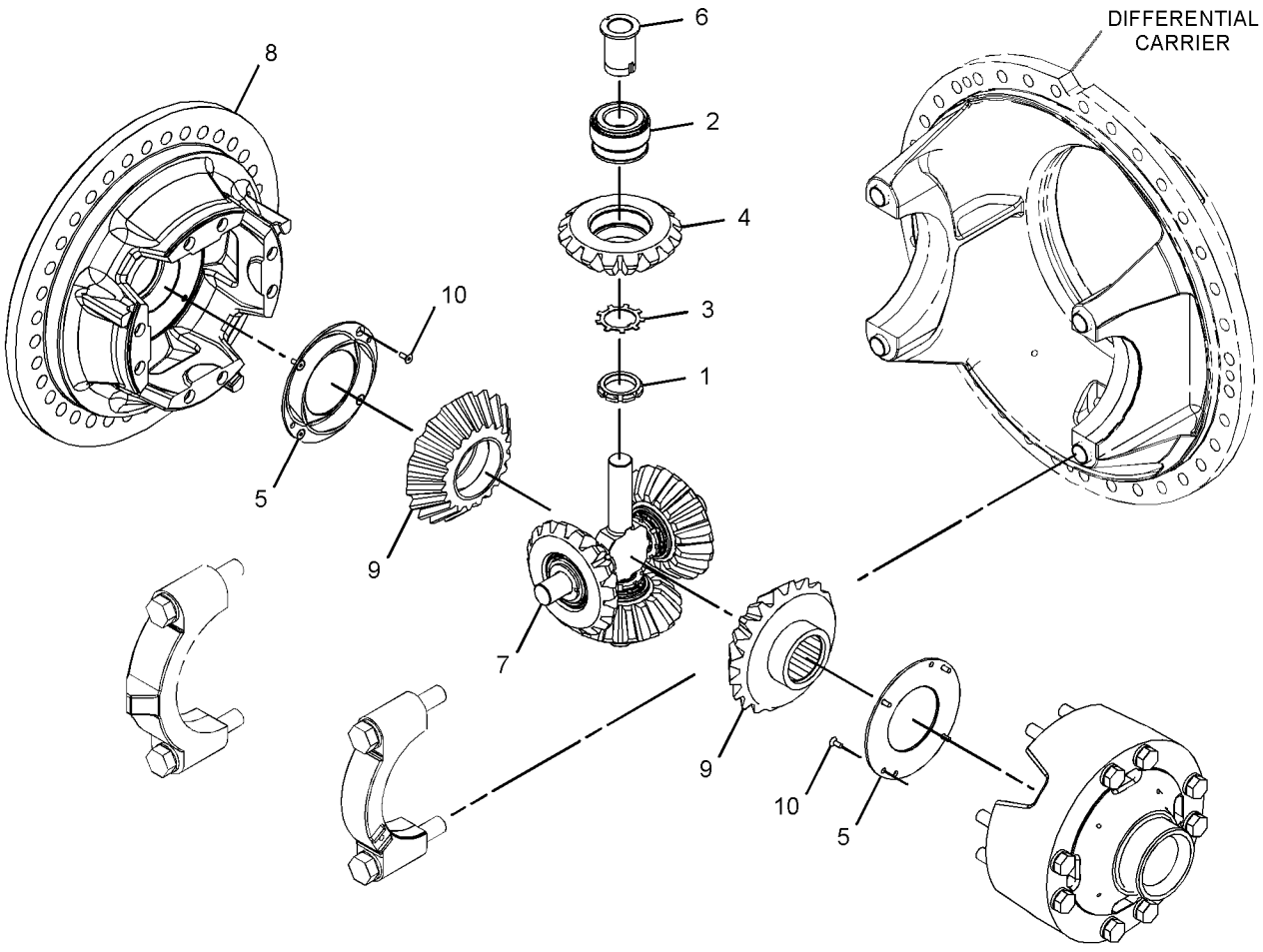
S/N: BTW1-UP

PART OF 121-4658, 322-2819 DIFFERENTIAL & BEVEL GEAR GP

SMCS-3258 **i04227749**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**2F-9064**	4	NUT (2-1/8-12-THD)	
	2	1	**4D-7534**	4	BEARING AS-ROLLER	
	3	1	**4D-7536**	4	LOCKNUT	
	4	1	**5T-5185**	4	PINION (16-TEETH)	
	5	1	**358-9130**	2	WASHER	
	6	1	**9V-4373**	4	RETAINER	
	7	1	**9V-9840**	1	SPIDER	
R	8	1	**358-7234**	1	CASE AS-DIFFERENTIAL	
M		1	**6V-8198**	8	BOLT (M24X3X200-MM)	
		1	**9H-1031**	8	WASHER-HARD (24X41.5X6-MM THK)	
	9	1	**335-3209**	2	GEAR-BEVEL (20-TEETH)	
M	10	1	**8C-7562**	8	SCREW-FLAT HEAD (M8X1.25X20-MM)	

M - METRIC PART
R - REMANUFACTURED PART MAY BE AVAILABLE



GRAPHIC #1 <END> g02576816

154-6384 DIFFERENTIAL GP-NOSPIN

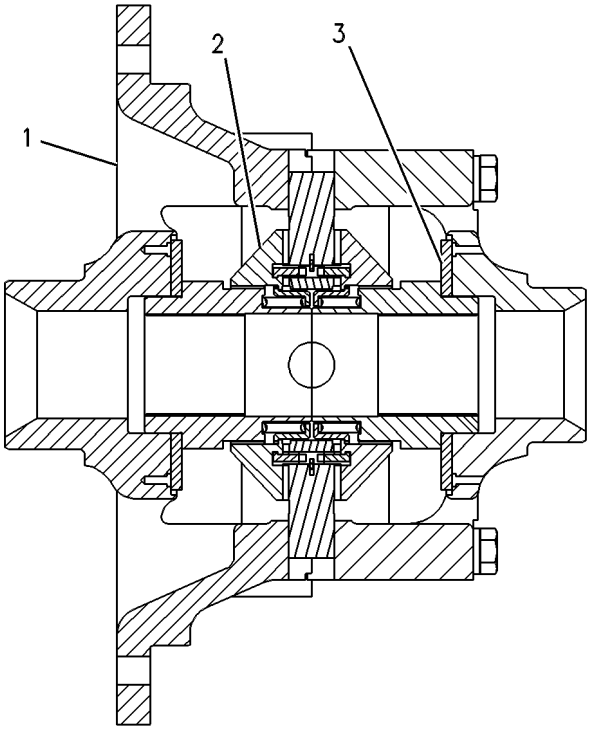
S/N: BTW1-UP

PART OF 366-7857 DIFFERENTIAL & BEVEL GEAR GP

SMCS-3265 **i04528386**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
R	1	1	**358-7234**	1	CASE AS-DIFFERENTIAL	
M		1	**6V-8198**	8	BOLT (M24X3X200-MM)	
		1	**9H-1031**	8	WASHER-HARD (24X41.5X6-MM THK)	
CY	2	1	**172-0973**	1	DIFFERENTIAL GP-NOSPIN	697
C	3	1	**180-8700**	2	WASHER	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g00343690

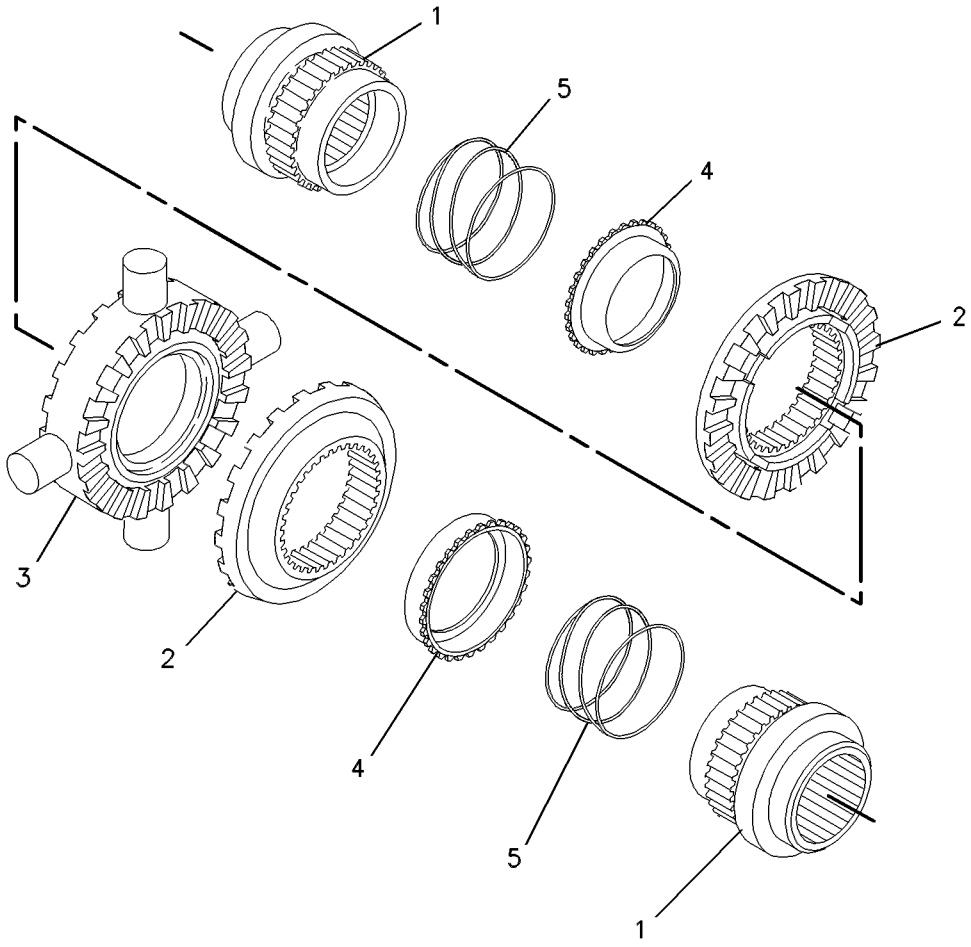
172-0973 DIFFERENTIAL GP-NOSPIN

S/N: BTW1-UP

PART OF 154-6384 DIFFERENTIAL GP-NOSPIN

SMCS-3265 **i01203495**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4V-8410**	2	GEAR-SIDE	
	2	1	**2G-3747**	2	CLUTCH AS	
	3	1	**171-5988**	1	SPIDER AS	
	4	1	**7D-4721**	2	RETAINER	
	5	1	**7D-4719**	2	SPRING	



GRAPHIC #1 <END> g00349253

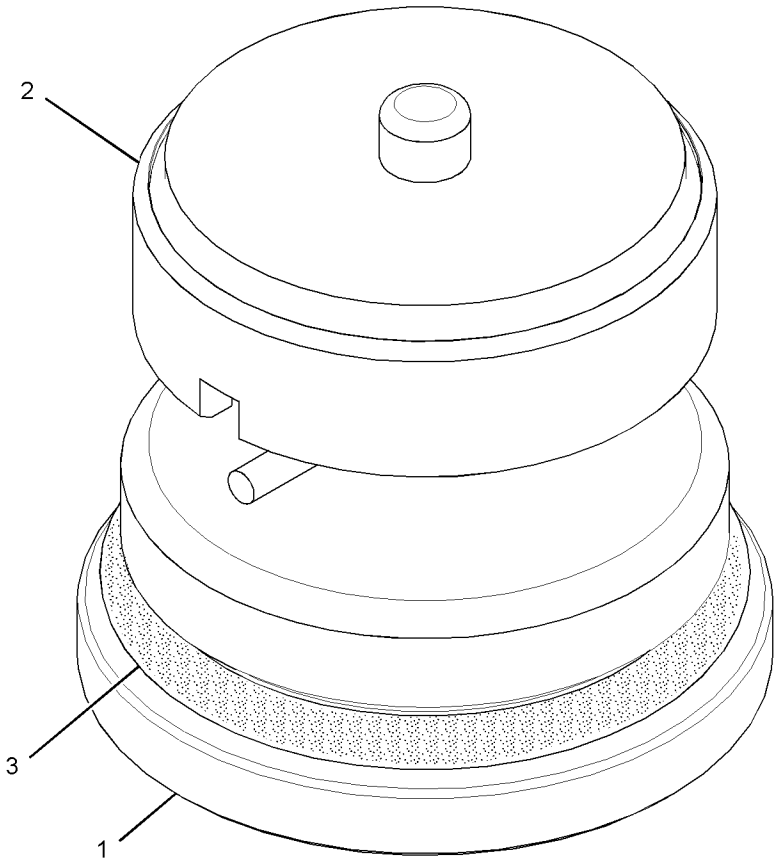
138-1509 DRAIN GP-ECOLOGY—POWER TRAIN OIL

S/N: MPR1-UP

PART OF 239-7156 GEAR GP-OUTPUT TRANSFER

SMCS-3260 **i06186863**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**138-1510**	1	PLUG (TRANSMISSION OIL DRAIN)	
	2	1	**192-1023**	1	DRAIN AS (TRANSMISSION OIL)	
		1	**077-3241**	1	SEAL-O-RING	
	3	1	**7M-8485**	1	SEAL-O-RING	



GRAPHIC #1 <END> g01298016

229-7351 FILLER GP-POWER TRAIN OIL

S/N: BTW1-UP

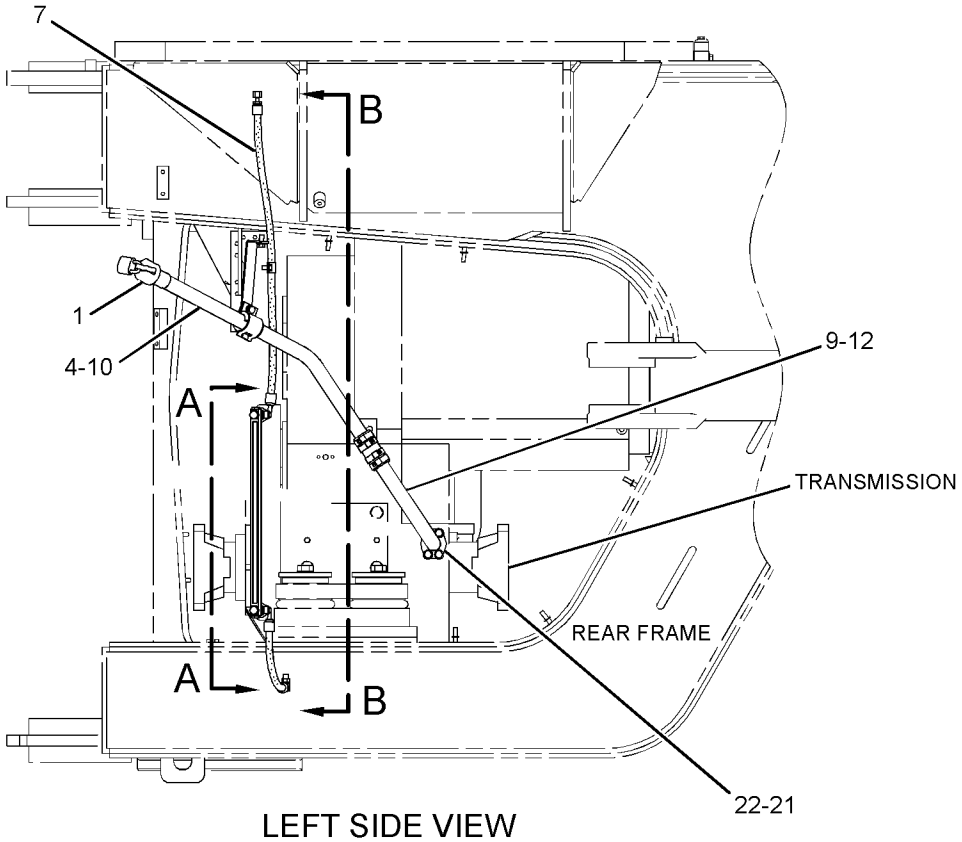
PART OF 230-3268 POWER TRAIN AR

SMCS-3005, 3081 **i02318866**

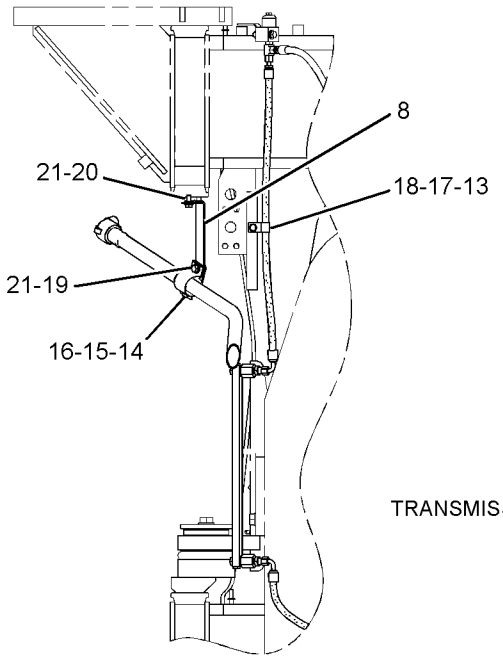
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	*1N-4296*	1	PROTECTION GP-VANDALISM	1442
E	2	1	**5P-1291**	1	HOSE	
	3	1	**5P-0597**	4	CLAMP-HOSE	
	4	1	**7S-1801**	1	ANCHOR-CHAIN	
Y	5	1	*234-2823*	1	GAUGE GP-SIGHT (POWER TRAIN OIL)	707
I	6	1	**234-2825**	1	HOSE AS	
I	7	1	**234-2826**	1	HOSE AS	
	8	1	**250-5875**	1	BRACKET AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	9	1	**250-5876**	1	TUBE AS	
	10	1	**250-5877**	1	TUBE	
	11	1	*148-8378*	1	ELBOW AS	
		1	**6V-8724**	1	ELBOW	
		1	**3J-1907**	1	SEAL-O-RING	
		1	**6V-8397**	1	SEAL-O-RING	
	12	1	**1P-3705**	1	SEAL-RECTANGULAR	
	13	1	**4D-7735**	1	CLIP	
	14	1	**5P-7468**	1	CLIP (SLOT)	
	15	1	**5P-7469**	1	CLIP (TAB)	
	16	1	**5P-8444**	1	GROMMET (37-MM ID)	
	17	1	**8T-4121**	2	WASHER-HARD (11X21X2.5-MM THK)	
M	18	1	**8T-4137**	1	BOLT (M10X1.5X20-MM)	
M	19	1	**8T-4139**	1	BOLT (M12X1.75X30-MM)	
M	20	1	**8T-4192**	1	BOLT (M12X1.75X25-MM)	
	21	1	**8T-4223**	6	WASHER-HARD (13.5X25.5X3-MM THK)	
M	22	1	**8T-4910**	4	BOLT (M12X1.75X60-MM)	

E - ORDER BY THE CENTIMETER
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART
Y - SEPARATE ILLUSTRATION

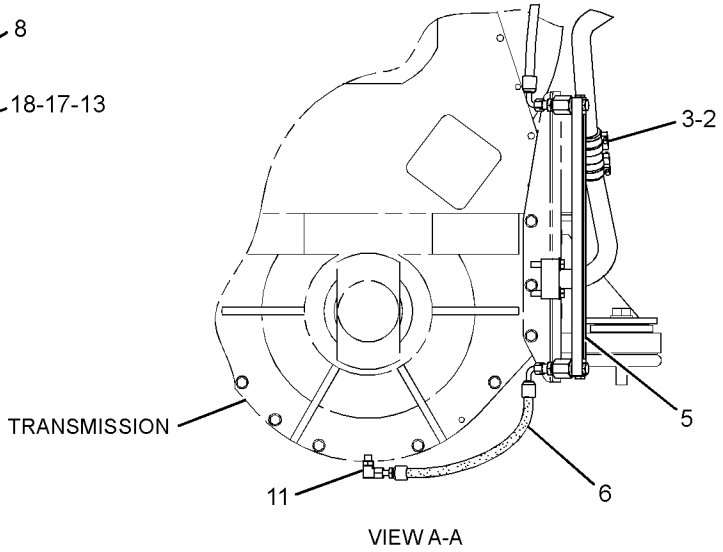
229-7351 **FILLER GP-POWER TRAIN OIL (**contd.**)** **i02318866**



LEFT SIDE VIEW



SECTION B-B



VIEW A-A

GRAPHIC #1 <END> g01218027

166-4647 FILTER GP-OIL—CASE DRAIN

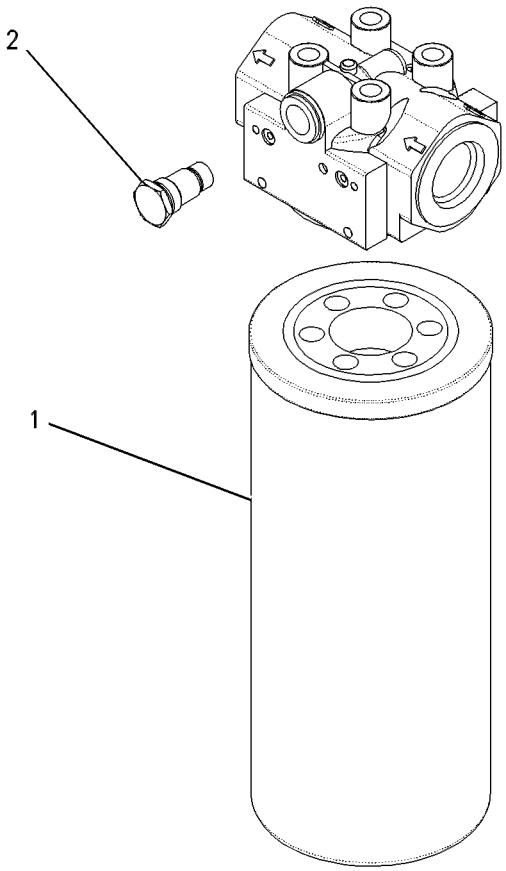
S/N: BTW184-UP

PART OF 236-7780 FILTER & LINES GP-CASE DRAIN

SMCS-3004, 3067

i03120526

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1G-8878**	1	FILTER-OIL (ADVANCED EFFICIENCY)	
	2	1	**164-6709**	1	PLUG AS	
		1	**3J-1907**	1	SEAL-O-RING	
		1	**5F-9144**	1	SEAL-O-RING	



GRAPHIC #1

<END>

g00545272

199-3389 FILTER GP-OIL—POWER TRAIN

S/N: BTW1-205

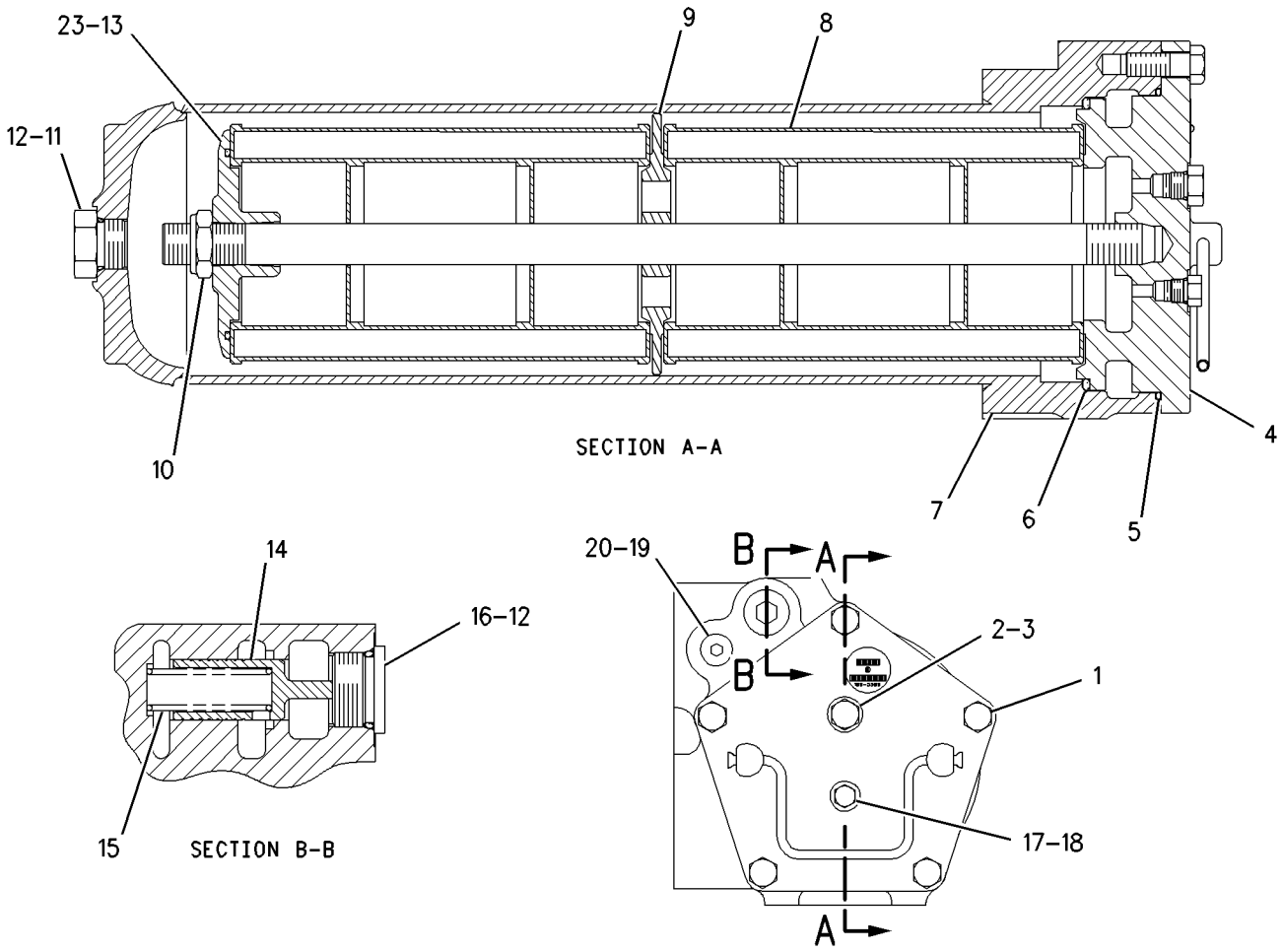
PART OF 229-7352 LINES GP-POWER TRAIN OIL

SMCS-3004, 3067 **i06828684**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**8T-4956**	5	BOLT (M12X1.75X35-MM)	
	2	1	**9S-4191**	1	PLUG (9/16-18-THD)	
	3	1	**3J-1907**	1	SEAL-O-RING	
	4	1	**133-1321**	1	COVER AS	
	5	1	**6V-3319**	1	SEAL-O-RING	
	6	1	**6V-3835**	1	SEAL-O-RING	
C	7	1	**202-9708**	1	HOUSING AS-FILTER	
	8	1	**132-8876**	2	FILTER ELEMENT AS-OIL (ULTRA HIGH EFFICIENCY)	
					—OR—	
A		1	**343-4465**	2	FILTER ELEMENT-OIL (ADVANCED EFFICIENCY)	
C	9	1	**202-8057**	1	RETAINER	
	10	1	**4L-4986**	1	LOCKNUT (7/8-14-THD)	
	11	1	**9S-4183**	1	PLUG (1-1/16-12-THD)	
	12	1	**3D-2824**	2	SEAL-O-RING	
	13	1	**133-1299**	1	RETAINER	
	14	1	**6T-9222**	1	SPOOL	
	15	1	**133-2199**	1	SPRING	
	16	1	**9S-8008**	1	PLUG (1-1/16-12-THD)	
	17	1	**9S-4182**	1	PLUG (7/16-20-THD)	
	18	1	**3J-7354**	1	SEAL-O-RING	
	19	1	**9S-8005**	1	PLUG (3/4-16-THD)	
	20	1	**3K-0360**	1	SEAL-O-RING	
	23	1	**1H-8128**	1	SEAL-O-RING	

A - NOT PART OF THIS GROUP
C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART

199-3389 **FILTER GP-OIL (**contd.**)** **i06828684**



GRAPHIC #1 <END> g00834061

230-3633 FILTER GP-OIL—AXLE OIL COOLER

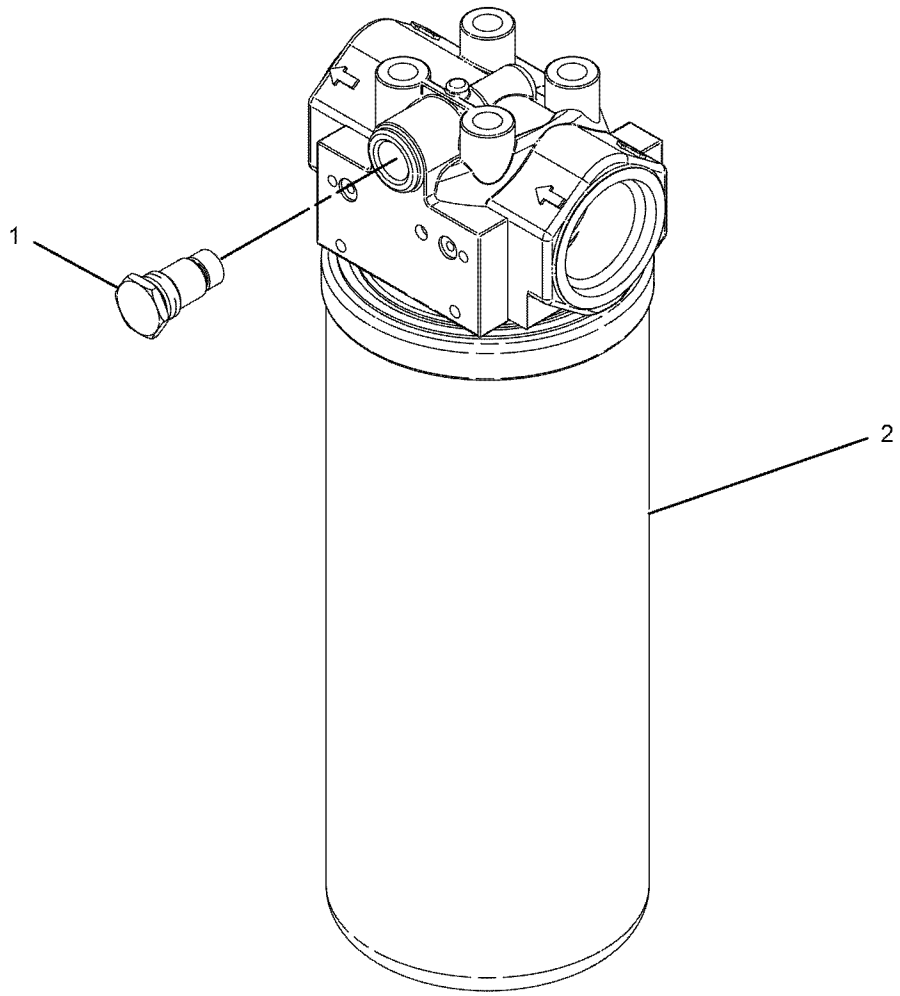
S/N: BTW1-UP

PART OF 284-8008 LINES GP-AXLE OIL COOLER

SMCS-3004, 3067

i03824689

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**164-6709**	1	PLUG AS	
		1	**3J-1907**	1	SEAL-O-RING	
		1	**5F-9144**	1	SEAL-O-RING	
	2	1	**222-6713**	1	FILTER-OIL (FIRE RESISTANT) (AXLE OIL COOLER)	



GRAPHIC #1

<END>

g01048823

353-4675 FILTER GP-OIL—TRANSMISSION

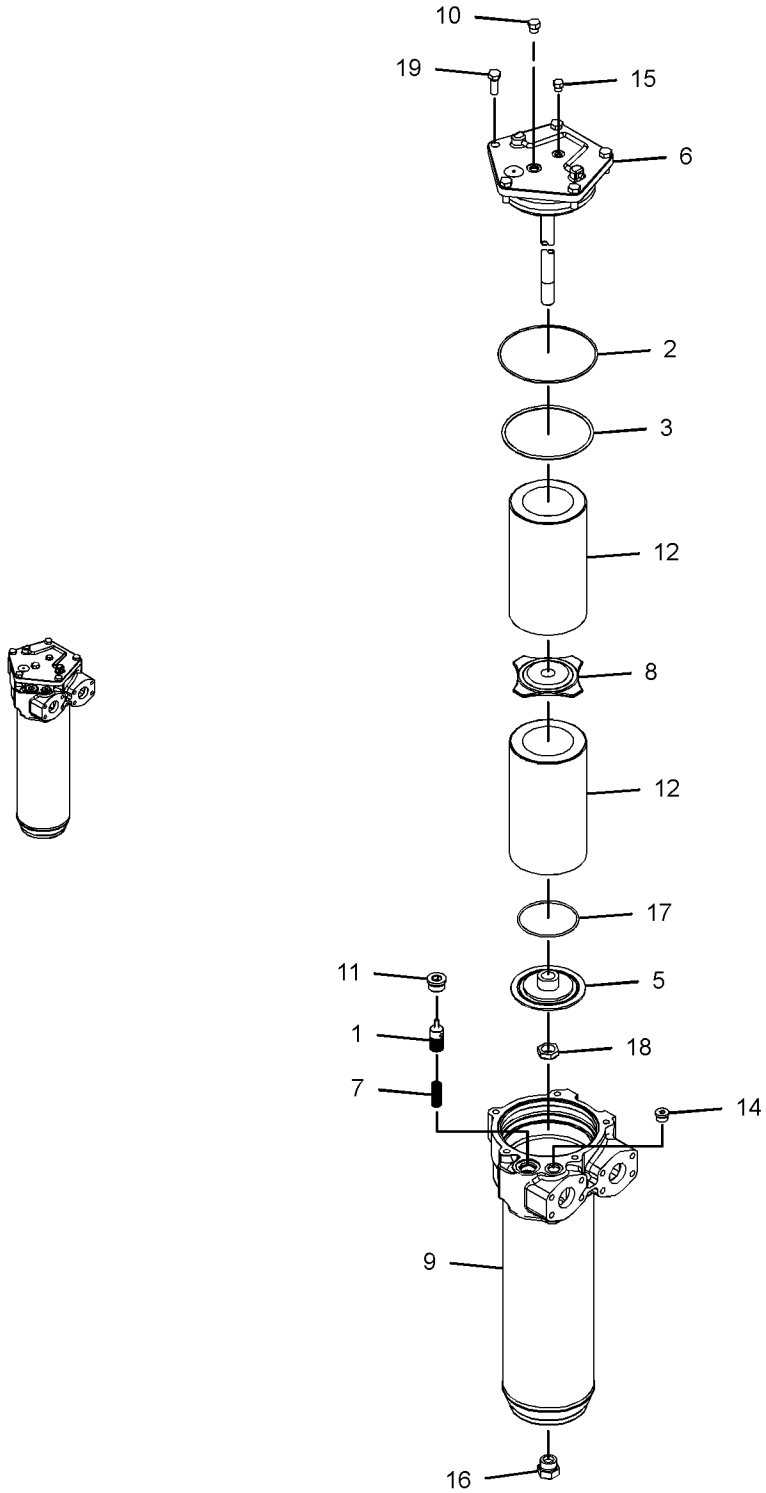
S/N: BTW206-UP
WITH HOUSING
PART OF 229-7352 LINES GP-POWER TRAIN OIL

SMCS-3004, 3067 **i04898431**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6T-9222**	1	SPOOL	
	2	1	**6V-3319**	1	SEAL-O-RING	
	3	1	**6V-3835**	1	SEAL-O-RING	
	5	1	**133-1299**	1	RETAINER	
	6	1	**133-1321**	1	COVER AS	
	7	1	**133-2199**	1	SPRING	
	8	1	**202-8057**	1	RETAINER	
	9	1	**202-9708**	1	HOUSING AS-FILTER	
	10	1	*244-3712*	1	PLUG AS	
		1	**9S-4191**	1	PLUG (9/16-18-THD)	
		1	**214-7568**	1	SEAL-O-RING	
	11	1	*315-9859*	1	PLUG AS	
		1	**9S-8008**	1	PLUG (1-1/16-12-THD)	
		1	**238-5082**	1	SEAL-O-RING	
	12	1	**343-4465**	2	FILTER ELEMENT-OIL (ADVANCED EFFICIENCY)	
	14	1	**307-2673**	1	PLUG AS	
		1	**9S-8005**	1	PLUG (3/4-16-THD)	
		1	**238-5080**	1	SEAL-O-RING	
	15	1	*309-5130*	1	PLUG AS	
		1	**9S-4182**	1	PLUG (7/16-20-THD)	
		1	**214-7566**	1	SEAL-O-RING	
	16	1	*319-6231*	1	PLUG AS	
		1	**9S-4183**	1	PLUG (1-1/16-12-THD)	
		1	**238-5082**	1	SEAL-O-RING	
	17	1	**1H-8128**	1	SEAL-O-RING	
	18	1	**4L-4986**	1	LOCKNUT (7/8-14-THD)	
M	19	1	**8T-4956**	5	BOLT (M12X1.75X35-MM)	

M - METRIC PART

353-4675 **FILTER GP-OIL (**contd.**)** **i04898431**



VIEW OF AREA A

GRAPHIC #1 <END> g03050419

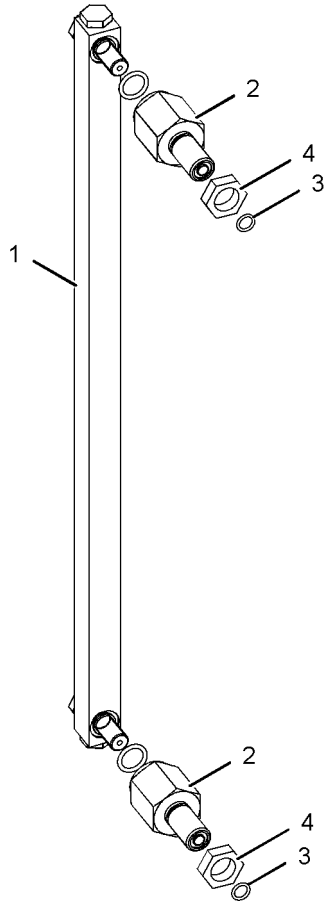
234-2823 GAUGE GP-SIGHT—POWER TRAIN OIL

S/N: BTW1-UP

PART OF 229-7351 FILLER GP-POWER TRAIN OIL

SMCS-7479 **i05772707**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**124-0665**	1	GAUGE-LIQUID LEVEL (POWER TRAIN OIL)	
	2	1	**124-0689**	2	ADAPTER	
	3	1	**6V-8397**	2	SEAL-O-RING	
	4	1	**6V-9168**	2	NUT (11/16-16-THD)	



GRAPHIC #1 <END> g01046978

239-7155 GEAR GP-INPUT TRANSFER

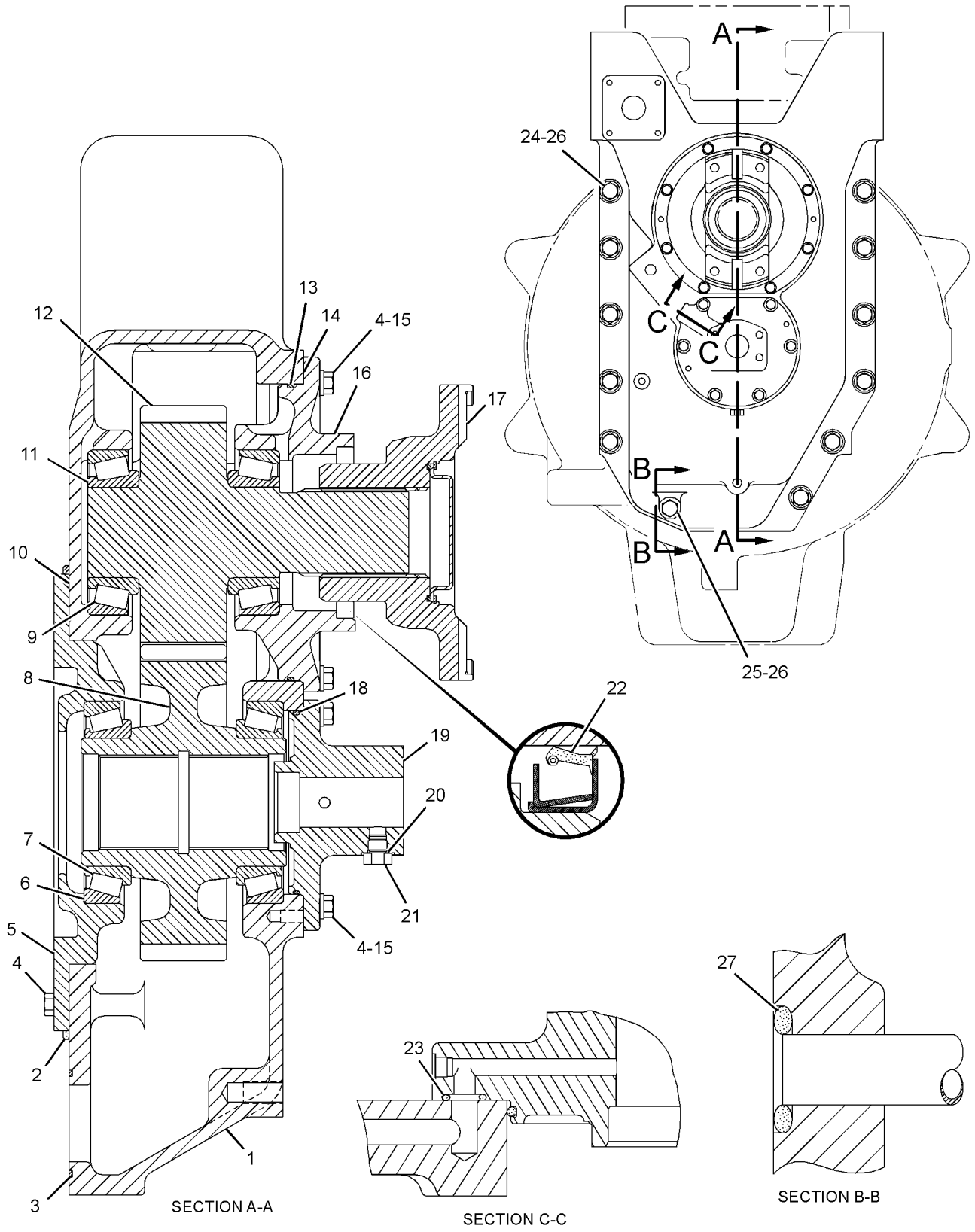
S/N: MPR1-UP

PART OF 239-7153 TRANSMISSION AR

SMCS-3159 **i02479582**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8E-7188**	1	CASE AS-INPUT TRANSFER	
		1	**6I-8489**	1	TUBE	
		1	**7M-5839**	2	PLUG-CUP	
		1	**9M-4007**	1	DOWEL	
	2	1	**7S-8554**	1	SEAL-O-RING	
	3	1	**6V-1179**	1	SEAL-O-RING	
	4	1	**1A-2029**	22	BOLT (3/8-16X1.125-IN)	
	5	1	**8E-5067**	1	CAGE-BEARING	
	6	1	**1P-4693**	2	CUP-BEARING	
	7	1	**1P-4694**	2	CONE-BEARING	
	8	1	**9U-8399**	1	GEAR-OUTPUT (52-TEETH)	
	9	1	**6H-3568**	2	CUP-BEARING	
	10	1	**128-1546**	1	SHIM PACK (INCLUDES 11-SHIMS)	
	11	1	**6I-8849**	2	CONE-BEARING (TAPERED ROLLER)	
	12	1	**9U-8398**	1	GEAR-INPUT (41-TEETH)	
	13	1	**9M-5024**	1	SEAL-O-RING	
	14	1	**8E-7132**	1	SHIM PACK (INCLUDES 12-SHIMS)	
	15	1	**5M-2894**	14	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	16	1	**8E-5066**	1	CAGE-BEARING	
	17	1	**162-9968**	1	YOKE AS	
		1	**2H-3934**	1	SEAL-O-RING	
		1	**8K-2692**	1	RING-RETAINING	
	18	1	**4S-5898**	1	SEAL-O-RING	
	19	1	**8E-7104**	1	MANIFOLD AS	
		1	**4B-9782**	1	BALL	
	20	1	**3J-1907**	1	SEAL-O-RING	
	21	1	**9S-4191**	1	PLUG (9/16-18-THD)	
	22	1	**216-0273**	1	SEAL-LIP TYPE	
	23	1	**8M-8282**	1	SEAL-O-RING	
	24	1	**1B-4367**	11	BOLT (5/8-11X3-IN)	
	25	1	**1D-4595**	1	BOLT (5/8-11X6-IN)	
	26	1	**5P-8247**	12	WASHER-HARD (17X32X3.5-MM THK)	
	27	1	**3B-8453**	1	SEAL-O-RING	

239-7155 **GEAR GP-INPUT TRANSFER** (contd.) **i02479582**



GRAPHIC #1 <END> g01241114

239-7156 GEAR GP-OUTPUT TRANSFER

S/N: MPR1-UP

PART OF 239-7153 TRANSMISSION AR

SMCS-3075, 3159 **i04559705**

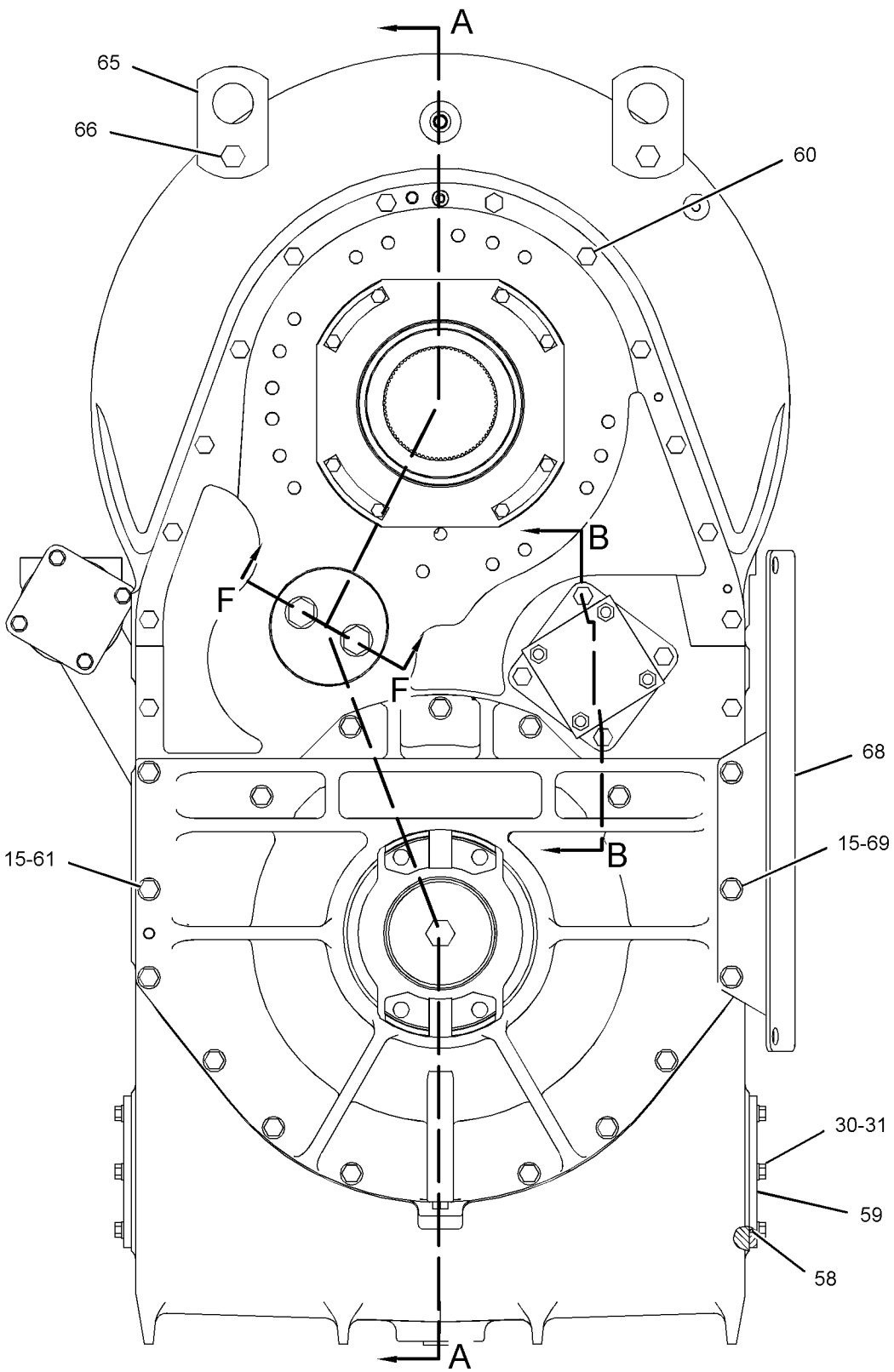
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	2	*239-7159*	1	CASE GP-TRANSMISSION	677
B	2	2	**6P-4213**	1	SHIM PACK (INCLUDES 15-SHIMS)	
	3	2	**5S-3618**	4	LOCK	
	4	2	**1A-2029**	8	BOLT (3/8-16X1.125-IN)	
	5	2	**6P-3313**	1	CAGE-BEARING	
	6	2	**353-0314**	1	BEARING AS	
	7	3	**6I-9790**	4	DAMPER-BOLT	
	8	2	**8E-5920**	1	LOCK SET	
	9	3	**5F-3999**	1	SEAL-O-RING	
	10	3	**8E-5055**	1	COVER-IDLER SHAFT	
	11	3	**8M-8997**	2	SEAL-O-RING	
	12	3	**8F-4225**	2	BOLT (3/4-10X10-IN)	
	13	3	**5P-8248**	2	WASHER-HARD (20X36.5X3.5-MM THK)	
	14	2,3	**0S-1585**	11	BOLT (1/2-13X1.5-IN)	
	15	1,2,3	**5P-8245**	39	WASHER-HARD (13.5X25.5X3-MM THK)	
	16	2	**224-4820**	1	CAGE-BEARING	
	17	2	**140-7447**	1	RETAINER	
	18	2	**172-6103**	2	YOKE AS	
					(EACH INCLUDES)	
		2	**4E-4887**	1	GUARD	
	19	2	**1A-3103**	2	BOLT (3/4-16X3.75-IN)	
	20	2	**2V-2076**	2	RETAINER	
	21	2	**132-6598**	2	CUP-BEARING	
	22	2	**4M-1552**	2	CONE-BEARING	
	23	2	**8E-7003**	1	SPACER-SPECIAL	
	24	2	**7X-1548**	1	SEAL	
	25	2	**9S-4191**	1	PLUG (9/16-18-THD)	
	26	2	**3J-1907**	1	SEAL-O-RING	
	27	2	**2J-0157**	2	SEAL-O-RING	
	28	2	**8E-5056**	1	GEAR-OUTPUT (84-TEETH)	
Y	29	2	**138-1509**	1	DRAIN GP-ECOLOGY (POWER TRAIN OIL)	698
	30	1,2	**0S-1594**	10	BOLT (3/8-16X1-IN)	
	31	1,2	**5M-2894**	10	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	32	2	**8E-5050**	1	SHAFT-TRANSFER	
	33	3	**5P-3603**	1	RING	
	34	3	**5L-5773**	1	RACE-BEARING	
	35	2,3	**4L-9564**	3	SEAL-O-RING	
	36	3	**133-4296**	2	SEAL-LIP TYPE	
	37	3	**224-4819**	1	CAGE-BEARING	
	38	3	**5L-5772**	1	RACE & ROLLER AS	
	39	2	**114-9114**	1	SHAFT-IDLER	
	40	2	**8E-5052**	1	GEAR-IDLER (53-TEETH)	
	41	2	**3E-3212**	1	RING-RETAINING	
	42	2	**1P-4696**	2	CONE-BEARING	
	43	2	**1P-4695**	2	CUP-BEARING	
	44	2	**8E-5051**	1	GEAR-INPUT (52-TEETH)	
	45	2	**9X-8875**	4	BOLT (1/2-13X3.5-IN)	

239-7156 **GEAR GP-OUTPUT TRANSFER (**contd.**)** **i04559705**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	46	2	**8E-5121**	1	HOUSING-SCREEN	
	47	2	**5F-0149**	1	SEAL-O-RING	
	48	2	**3S-3875**	1	SCREEN-SUCTION	
	49	2	**348-7792**	1	SCREEN GP-MAGNETIC	
		1	**8M-7160**	5	MAGNET	
	50	2	**6P-4903**	1	PLATE AS	
		2	**7B-3028**	2	SCREW-DRIVE (NO 4X 3/16-IN)	
		2	**7S-2962**	1	WASHER-SPRING (52.3X82.5X9.1-MM THK)	
	51	3	**8E-6678**	1	GEAR-PUMP (45-TEETH)	
	52	3	**5F-3144**	1	SEAL-O-RING	
B	53	3	**8E-6830**	1	SHIM PACK (INCLUDES 14-SHIMS)	
	54	3	**8E-5641**	1	CAGE AS	
M		3	**8T-5414**	4	STUD (M12X1.75X50-MM)	
	55	3	**7K-8877**	2	CONE-BEARING	
	56	3	**0S-1595**	4	BOLT (1/2-13X1.25-IN)	
	57	3	**7K-8876**	2	CUP-BEARING	
	58	1	**3F-5792**	2	SEAL-O-RING	
	59	1	**8S-0617**	2	COVER	
	60	1	**1A-1460**	9	BOLT (1/2-13X2-IN)	
	61	1	**7X-0326**	9	BOLT (1/2-13X3-IN)	
M	62	3	**6V-8149**	4	NUT (M12X1.75-THD)	
	63	3	**9U-3238**	1	COVER	
	64	3	**2N-7007**	1	GASKET	
	65	1	**6T-7061**	2	EYE-LIFTING	
	66	1	**0S-1566**	2	BOLT (5/8-11X1.5-IN)	
	67	2	**0S-1587**	12	BOLT (1/2-13X1.75-IN)	
	68	1	**234-2824**	1	BRACKET AS	
	69	1	**8T-8920**	3	BOLT (1/2-13X3.25-IN)	
B	70	2,3	**6V-6640**		SEALANT	

B - USE AS REQUIRED
M - METRIC PART
Y - SEPARATE ILLUSTRATION

239-7156 **GEAR GP-OUTPUT TRANSFER** (contd.) **i04559705**



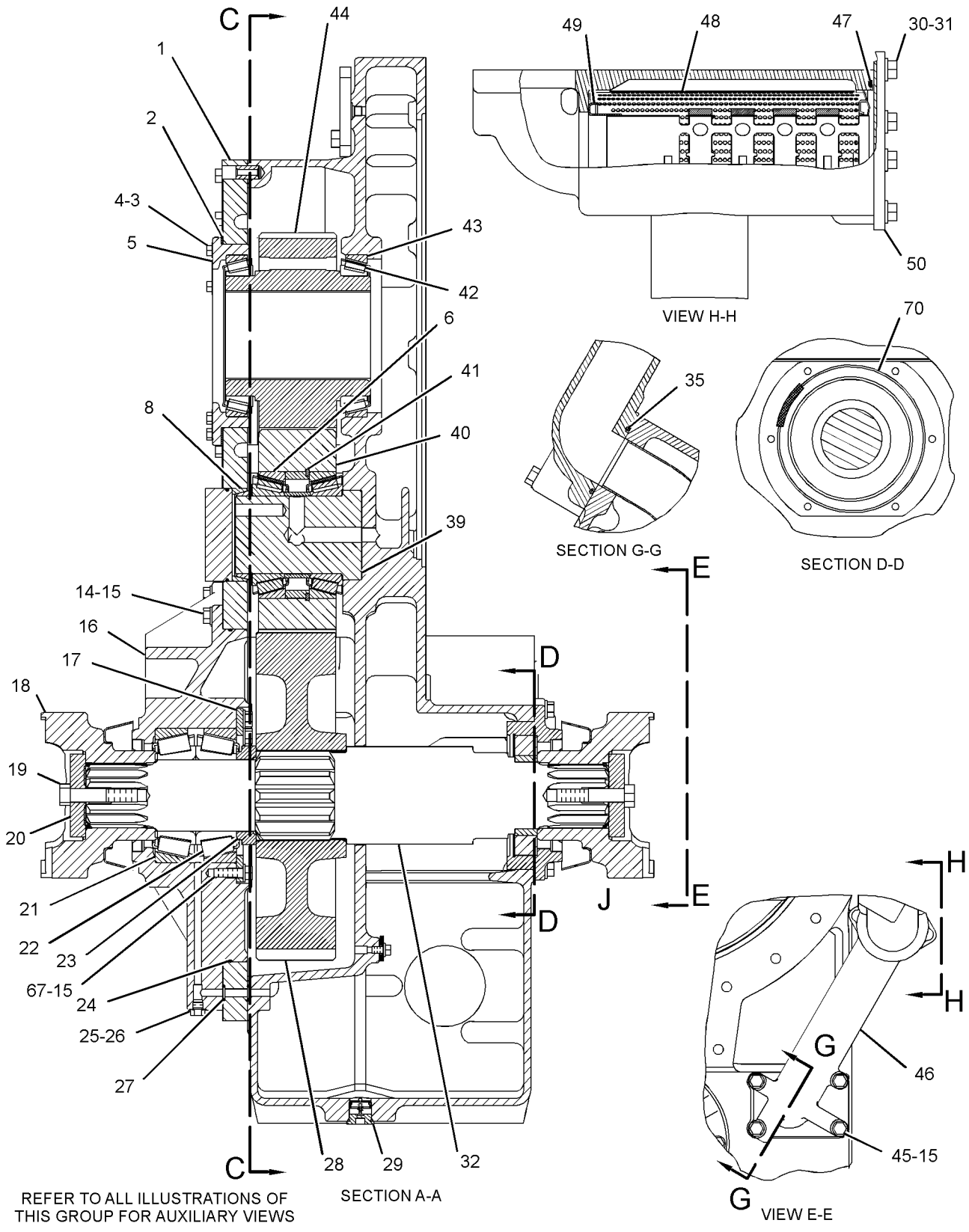
REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

FRONT VIEW

GRAPHIC #1

g01402162

239-7156 **GEAR GP-OUTPUT TRANSFER** (contd.) **i04559705**

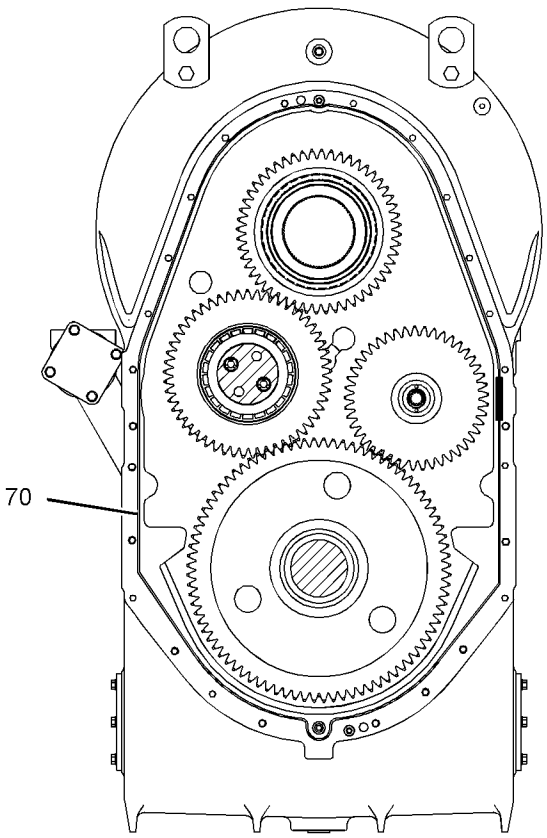


REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

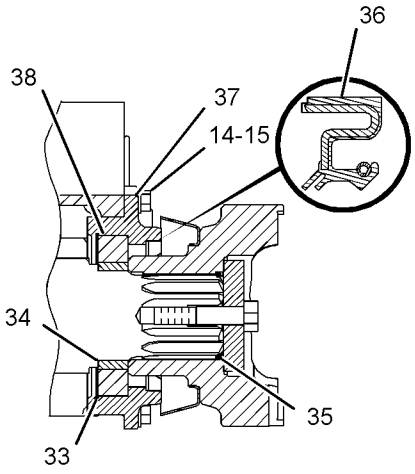
GRAPHIC #2

g01402163

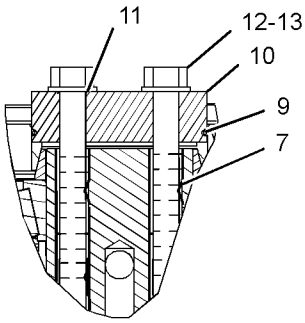
239-7156 **GEAR GP-OUTPUT TRANSFER** (contd.) **i04559705**



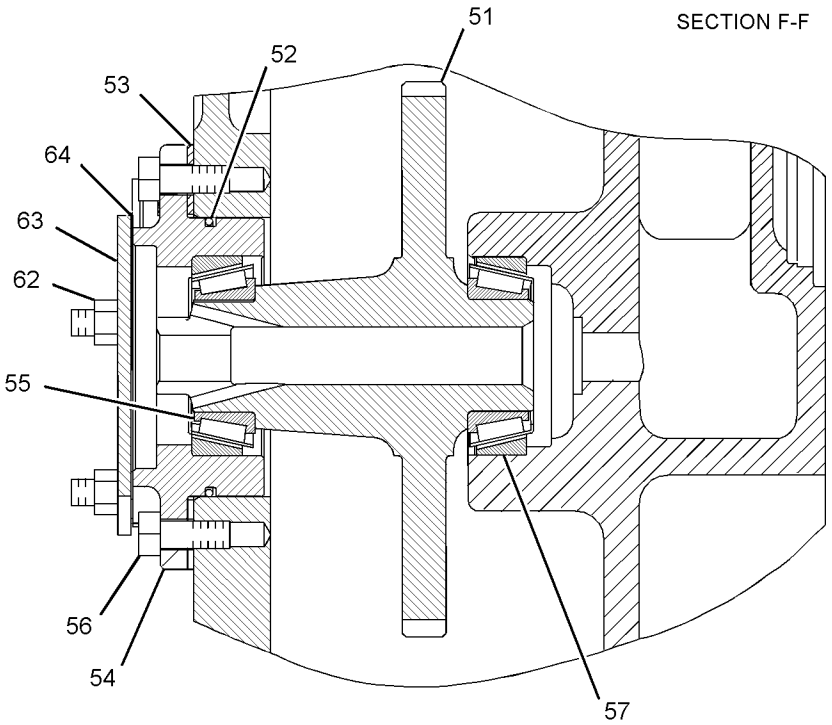
SECTION C-C



VIEW OF AREA J



SECTION F-F



SECTION B-B

GRAPHIC #3 <END> g01402166

259-5516 KIT-POWER TRAIN

S/N: BTW1-UP

CONTAINS ANTIFRICTION BEARINGS, SLEEVE BEARING/BUSHINGS, METAL SEAL RINGS, THRUST WASHERS/THRUST DISCS. ROLL PINS/SPRING PINS, BEARING LOCATOR DOWELS & DOWEL HOLE CAPS

SMCS-3000, 4000

i05197508

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	5P-1669	1	BALL BEARING	
	5P-6727	1	BALL BEARING	
	148-6559	1	BALL BEARING	
	212-5023	2	BALL BEARING	
	353-0314	1	BEARING AS	
	5M-7925	4	BEARING AS-ROLLER	
	1T-0766	2	BUSHING	
	1P-4694	2	CONE-BEARING	
	1P-4696	2	CONE-BEARING	
	6I-8849	2	CONE-BEARING (TAPERED ROLLER)	
	7K-8877	2	CONE-BEARING	
	132-6597	2	CONE-BEARING	
	1P-4693	2	CUP-BEARING	
	1P-4695	2	CUP-BEARING	
	6I-8860	2	CUP-BEARING	
	7K-8876	2	CUP-BEARING	
	132-6598	2	CUP-BEARING	
	8E-8310	8	DISC-THRUST	
	8E-8316	24	DISC-THRUST	
	4S-8537	3	DOWEL	
	4S-8541	3	DOWEL	
	9M-2001	1	DOWEL	
	2H-9445	8	PIN-SPRING	
	3S-2708	5	PIN-SPRING	
	7M-5130	1	PIN-SPRING	
	8T-5089	1	PIN-SPRING	
	5L-5772	1	RACE & ROLLER AS	
	5L-5773	1	RACE-BEARING	
	6F-0155	2	RING-METAL SEAL	
	3S-8035	2	RING-SEAL	
	7S-7018	1	RING-SEAL METAL	
	1S-9110	8	ROLLER AS	
	1P-3958	8	ROLLER AS-SPECIAL	

<END>

221-9189 KIT-TORQUE CONVERTER BEARING

S/N: BTW1-UP

SMCS-3101, 3127, 7551 **i07066703**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	7F-6013	1	BALL BEARING	
	5P-6408	1	BEARING-INNER	
	1T-0766	1	BUSHING	
	8E-2882	1	BUSHING	
	1T-0786	4	BEARING-THRUST	
	1T-0787	2	PLATE	
	124-6348	1	RACE-ROLLER	
	1T-0807	6	RACE-THRUST BEARING	
	2G-8741	1	RING-METAL SEAL	
	1T-1401	1	RING-SEAL	

<END>

284-8008 LINES GP-AXLE OIL COOLER

S/N: BTW1-248
CUSTOM
PART OF 353-4134 COOLER AR-AXLE OIL

SMCS-1365, 3016

i05393820

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	5	**104-7108**	1	VALVE GP-CHECK	
C	2	2	*148-8387*	1	ELBOW AS	
		2	**6V-8400**	1	SEAL-O-RING	
		2	**6V-9855**	1	ELBOW	
	3	5	*150-3059*	1	TEE AS	
		5	**8T-1674**	1	TEE	
		5	**7M-8485**	1	SEAL-O-RING	
		5	**5K-9090**	1	SEAL-O-RING	
	4	3	**154-6626**	1	BRACKET AS	
M		3	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
M	5	4	**8T-4194**	1	BOLT (M12X1.75X50-MM)	
Y	6	6	*229-5373*	1	BLOCK GP-HYDRAULIC (REAR AXLE)	667
Y	7	4,5	**230-3633**	2	FILTER GP-OIL (AXLE OIL COOLER)	704
	8	3,4	**200-6345**	4	MOUNT (DUAL SWIVEL)	
	9	3	**4E-2289**	1	ANGLE AS	
	10	1,6	**243-5962**	2	CHANNEL AS	
					(EACH INCLUDES)	
M		1,6	**8T-3597**	1	NUT-WELD (M12X1.75-THD)	
I	11	2	**322-3172**	1	HOSE AS	
	12	6	**243-5984**	1	TUBE AS	
	13	2	**322-3171**	1	TUBE AS	
	14	6	**243-5988**	1	TUBE AS	
	15	6	**243-5989**	1	TUBE AS	
	16	1,6	**243-6002**	2	CHANNEL AS	
					(EACH INCLUDES)	
M		1,6	**8T-3597**	1	NUT-WELD (M12X1.75-THD)	
	17	1,6	**243-6019**	4	ANGLE	
	18	6	**243-6041**	1	GUARD (LH)	
	19	6	**243-6042**	1	GUARD (RH)	
I	20	5	**246-2859**	1	HOSE AS	
	21	5	*250-1423*	1	ELBOW AS	
		5	**6V-8400**	3	SEAL-O-RING	
		5	**6V-8985**	2	ELBOW	
Y	22	5	**257-5613**	1	MANIFOLD GP-CONTROL (AXLE OIL COOLER)	747
	23	1	**261-2126**	1	BRACKET	
	24	1	**261-2127**	1	TUBE AS	
	25	1	**261-2128**	1	TUBE AS	
	26	1	**261-2130**	1	PLATE	
	27	1	**261-2136**	1	PLATE	
	28	3	**261-2173**	1	BRACKET	
	29	6	**261-2224**	1	BRACKET AS	
M		6	**8T-3597**	1	NUT-WELD (M12X1.75-THD)	
Y	30	5	*261-2818*	1	BLOCK GP-HYDRAULIC (FRONT AXLE)	671
J	31	4	**264-6727**	1	PUMP & MOTOR GP-AXLE OIL CLR	
I	32	3	**284-8003**	1	HOSE AS	
I	33	3	**284-8004**	1	HOSE AS	
	34	4	**285-5497**	1	BRACKET	

284-8008 **LINES GP-AXLE OIL COOLER (**contd.**)** **i05393820**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	35	5	**285-5498**	1	BRACKET	
	36	2	**285-5503**	1	TUBE AS	
	37	1	**285-5505**	1	TUBE AS	
	38	3	**285-5506**	1	TUBE AS	
	39	4	**285-5507**	1	TUBE AS	
I	40	3	**285-5510**	1	HOSE AS	
I	41	3	**285-5511**	1	HOSE AS	
I	42	3	**285-5512**	1	HOSE AS	
I	43	3	**285-5513**	1	HOSE AS	
CI	44	2	**325-1156**	1	HOSE AS	
I	45	2	**285-5517**	1	HOSE AS	
	46	5	**286-1293**	1	TUBE AS	
	47	5	**316-0071**	1	TUBE AS	
I	48	3	**286-1296**	1	HOSE AS	
	49	3	**287-8728**	2	BRACKET AS	
					(EACH INCLUDES)	
M		3	**8T-3490**	4	NUT-WELD (M10X1.5-THD)	
	50	5	**287-8730**	1	BRACKET AS	
CI	51	3	**325-1157**	1	HOSE AS	
	52	2	**294-8632**	1	GUARD AS	
	53	6	**294-9560**	1	BRACKET	
	54	1	**308-7734**	1	TUBE AS	
	55	1	**308-7735**	1	TUBE AS	
	56	3	**308-7770**	1	TUBE AS	
	57	1,6	*148-8324*	2	CONNECTOR AS	
					(EACH INCLUDES)	
		1,6	**3K-0360**	1	SEAL-O-RING	
		1,6	**6V-9746**	1	SEAL-O-RING	
		1,6	**6V-9874**	1	CONNECTOR (STRAIGHT)	
	58	2	*148-8327*	1	CONNECTOR AS	
		2	**3D-2824**	1	SEAL-O-RING	
		2	**6V-8637**	1	CONNECTOR	
		2	**6V-9746**	1	SEAL-O-RING	
	59	5	*148-8328*	1	CONNECTOR AS	
		5	**3D-2824**	1	SEAL-O-RING	
		5	**6V-8398**	1	SEAL-O-RING	
		5	**6V-8633**	1	CONNECTOR	
	60	2	*148-8333*	1	CONNECTOR AS	
		2	**6V-8400**	1	SEAL-O-RING	
		2	**7M-8485**	1	SEAL-O-RING	
		2	**8T-7927**	1	CONNECTOR	
C	61	1,3	**1P-4579**	4	FLANGE-HALF	
	62	3	*148-8335*	1	CONNECTOR AS	
		3	**5K-9090**	1	SEAL-O-RING	
		3	**6V-8635**	1	CONNECTOR	
		3	**7M-8485**	1	SEAL-O-RING	
	63	5	*148-8336*	1	CONNECTOR AS	
		5	**6V-8636**	1	CONNECTOR	
		5	**6V-8397**	1	SEAL-O-RING	
		5	**3J-1907**	1	SEAL-O-RING	
	64	5	*148-8340*	1	CONNECTOR AS	

284-8008 **LINES GP-AXLE OIL COOLER** (contd.) **i05393820**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		5	**3K-0360**	1	SEAL-O-RING	
		5	**6V-8398**	1	SEAL-O-RING	
		5	**6V-8639**	1	CONNECTOR	
	65	5	*148-8347*	1	ELBOW AS	
		5	**3D-2824**	1	SEAL-O-RING	
		5	**6V-9007**	1	ELBOW	
		5	**6V-9746**	1	SEAL-O-RING	
	66	1,6	*148-8352*	2	ELBOW AS	
					(EACH INCLUDES)	
		1,6	**5K-9090**	1	SEAL-O-RING	
		1,6	**6V-9854**	1	ELBOW (SWIVEL)	
	67	6	*148-8356*	1	ELBOW AS	
		6	**2S-4078**	1	SEAL-O-RING	
		6	**6V-8400**	1	SEAL-O-RING	
		6	**6V-9009**	1	ELBOW	
	68	2,3,4	*148-8357*	5	ELBOW AS	
					(EACH INCLUDES)	
		2,3,4	**5K-9090**	1	SEAL-O-RING	
		2,3,4	**6V-9008**	1	ELBOW	
		2,3,4	**7M-8485**	1	SEAL-O-RING	
	69	4	*148-8369*	1	ELBOW AS	
		4	**3J-7354**	1	SEAL-O-RING	
		4	**4J-5477**	1	SEAL-O-RING	
		4	**6V-8628**	1	ELBOW	
	70	5	*148-8370*	1	ELBOW AS	
		5	**6V-8398**	1	SEAL-O-RING	
		5	**6V-9851**	1	ELBOW	
	71	2	*148-8373*	1	ELBOW AS	
		2	**6V-8400**	1	SEAL-O-RING	
		2	**7M-8485**	1	SEAL-O-RING	
		2	**8C-3364**	1	ELBOW	
	72	5	*148-8376*	1	ELBOW AS	
		5	**6V-8983**	1	ELBOW	
		5	**6V-9746**	2	SEAL-O-RING	
	73	2	*148-8381*	1	ELBOW AS	
		2	**3D-2824**	1	SEAL-O-RING	
		2	**6V-8398**	1	SEAL-O-RING	
		2	**8T-5429**	1	ELBOW	
	74	1,6	*148-8392*	2	ELBOW AS	
					(EACH INCLUDES)	
		1,6	**6V-9746**	1	SEAL-O-RING	
		1,6	**6V-9853**	1	ELBOW	
	75	5	*148-8435*	1	TEE AS	
		5	**6V-8781**	1	TEE	
		5	**6V-8397**	2	SEAL-O-RING	
		5	**3J-1907**	1	SEAL-O-RING	
	76	2,3,4	**149-7738**	8	CLIP	
	77	5	*150-4037*	1	TEE AS	
		5	**6V-8398**	2	SEAL-O-RING	
		5	**6V-9844**	1	TEE-SWIVEL	
	78	1,6	*169-7394*	2	CONNECTOR AS	

284-8008 **LINES GP-AXLE OIL COOLER (**contd.**)** **i05393820**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
					(EACH INCLUDES)	
		1,6	**3K-0360**	1	SEAL-O-RING	
		1,6	**5K-9090**	1	SEAL-O-RING	
		1,6	**8C-3370**	1	CONNECTOR	
	79	5	**2P-1293**	1	LOCKNUT (1-3/16-12-THD)	
	80	1,6	**2S-4762**	2	CLIP	
	81	6	**4J-0520**	1	SEAL-O-RING	
	82	2	*153-6238*	1	ELBOW AS	
		2	**2S-4078**	1	SEAL-O-RING	
		2	**6V-8400**	1	SEAL-O-RING	
		2	**6V-9006**	1	ELBOW	
	83	1,2	**5K-9090**	4	SEAL-O-RING	
	84	1,6	**5K-9660**	2	CLIP	
	85	2,4,5	**5P-7462**	4	CLIP (SLOT)	
	86	2,4,5	**5P-7463**	4	CLIP (TAB)	
	87	4	**5P-7464**	2	CLIP (SLOT)	
	88	4	**5P-7465**	2	CLIP (TAB)	
	89	3	**5P-7466**	2	CLIP (SLOT)	
	90	3	**5P-7467**	2	CLIP (TAB)	
C	91	1,2,3,4,6	**5P-7468**	6	CLIP (SLOT)	
C	92	1,2,3,4,6	**5P-7469**	6	CLIP (TAB)	
	93	3	**5P-8112**	2	GROMMET	
	94	3,4	**6D-3479**	3	CLIP	
	95	4	**6D-4246**	1	CLIP (LOOP)	
	96	1,3,6	**6V-0545**	3	GROMMET	
	97	2,4,5	**6V-0683**	4	GROMMET	
	98	3,4	**204-2281**	8	STRAP-CABLE	
C	99	2,4	**6V-1874**	3	GROMMET (31-MM ID)	
	100	3	**6V-2235**	1	CLIP	
	101	4	**6V-7359**	2	GROMMET (25-MM ID, 37-MM OD)	
	102	5	**6V-8398**	1	SEAL-O-RING	
	103	5	**6V-9173**	1	NUT-BULKHEAD (1-11/16-12-THD)	
	104	1	**6V-9746**	2	SEAL-O-RING	
	105	3	**7G-3832**	2	GROMMET	
	106	3	**7G-3833**	2	CLIP (TAB)	
	107	3	**7G-3834**	2	CLIP (SLOT)	
	108	6	**7K-1401**	1	CLIP	
	109	6	**7K-1402**	1	BRACKET	
M	111	5	**7X-2539**	2	BOLT (M8X1.25X110-MM)	
C	112	4	**6K-4935**	2	CLIP (TAB)	
	114	6	**8D-9947**	1	CLIP	
C	115	1,2,3,4,-5,6	**8T-4121**	46	WASHER-HARD (11X21X2.5-MM THK)	
M	116	1,2,3,4,6	**8T-4133**	13	NUT (M10X1.5-THD)	
M	117	1,2,3,4,-5,6	**8T-4136**	19	BOLT (M10X1.5X25-MM)	
M	118	3,4,5,6	**8T-4139**	11	BOLT (M12X1.75X30-MM)	
M	119	3	**8T-4183**	1	BOLT (M12X1.75X40-MM)	
M	120	1	**8T-4186**	1	BOLT (M10X1.5X40-MM)	
M	121	4	**8T-4192**	6	BOLT (M12X1.75X25-MM)	
CM	122	2,3,4,5,6	**8T-4195**	11	BOLT (M10X1.5X30-MM)	
M	123	3,4	**8T-4196**	2	BOLT (M10X1.5X35-MM)	

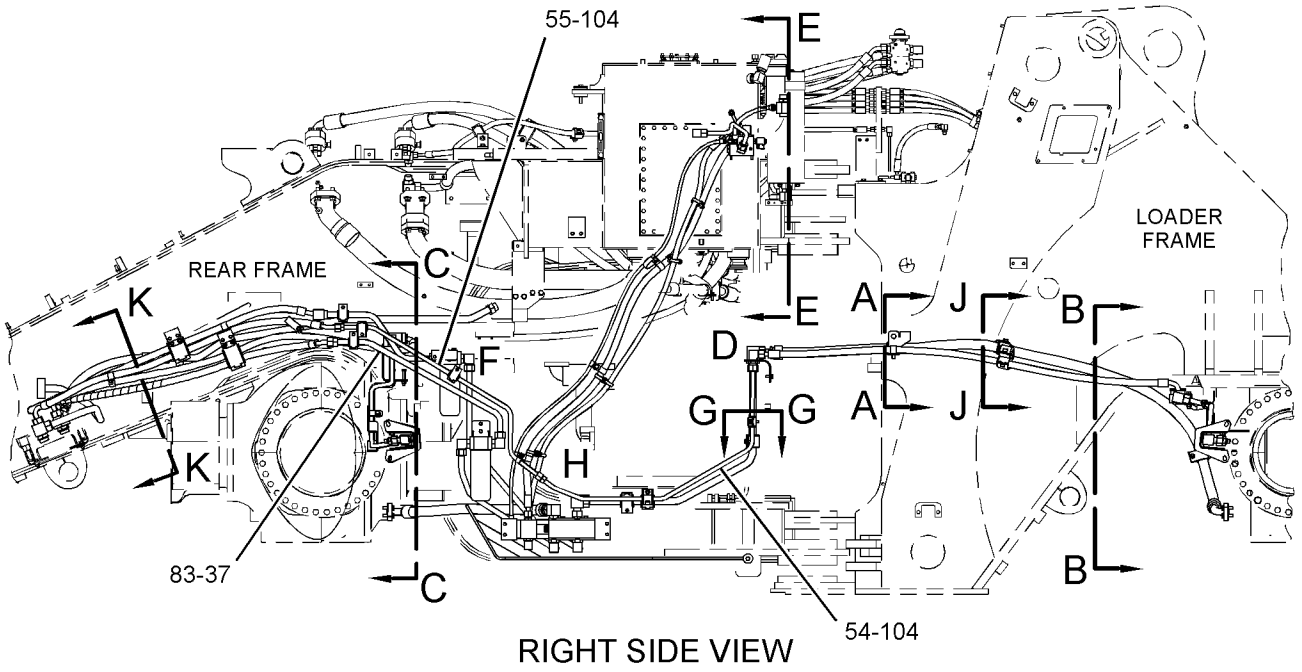
284-8008 **LINES GP-AXLE OIL COOLER** (contd.) **i05393820**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	124	1,3,4,5,6	**8T-4223**	38	WASHER-HARD (13.5X25.5X3-MM THK)	
	125	5	**8T-4224**	2	WASHER-HARD (8.8X16X2-MM THK)	
M	126	3,6	**8T-4244**	6	NUT (M12X1.75-THD)	
M	127	5	**8T-4648**	2	BOLT (M12X1.75X70-MM)	
CM	128	3	**8T-4956**	1	BOLT (M12X1.75X35-MM)	
M	129	6	**8T-5005**	2	BOLT (M10X1.5X70-MM)	
M	130	6	**8T-5041**	2	BOLT (M12X1.75X120-MM)	
	131	5	*153-6237*	1	ELBOW AS	
		5	**6V-9004**	1	ELBOW	
		5	**3D-2824**	1	SEAL-O-RING	
		5	**6V-9746**	1	SEAL-O-RING	
	132	5	*150-3032*	1	ELBOW AS	
		5	**8C-8762**	1	ELBOW	
		5	**6V-9746**	1	SEAL-O-RING	
C	133	4	**6K-4934**	2	CLIP (SLOT)	
	134	4	**1W-8793**	1	SPACER (13.8X30X20-MM THK)	
CM	135	1,3	**8T-4184**	8	BOLT (M12X1.75X45-MM)	
C	136	1,3	**4J-0524**	2	SEAL-O-RING	
	137	1	**298-6145**	1	BRACKET	
					AVAILABLE REPAIR KIT(S):	
J			**266-7261**	1	KIT-SEAL	
					(INCLUDES RINGS & SEALS)	

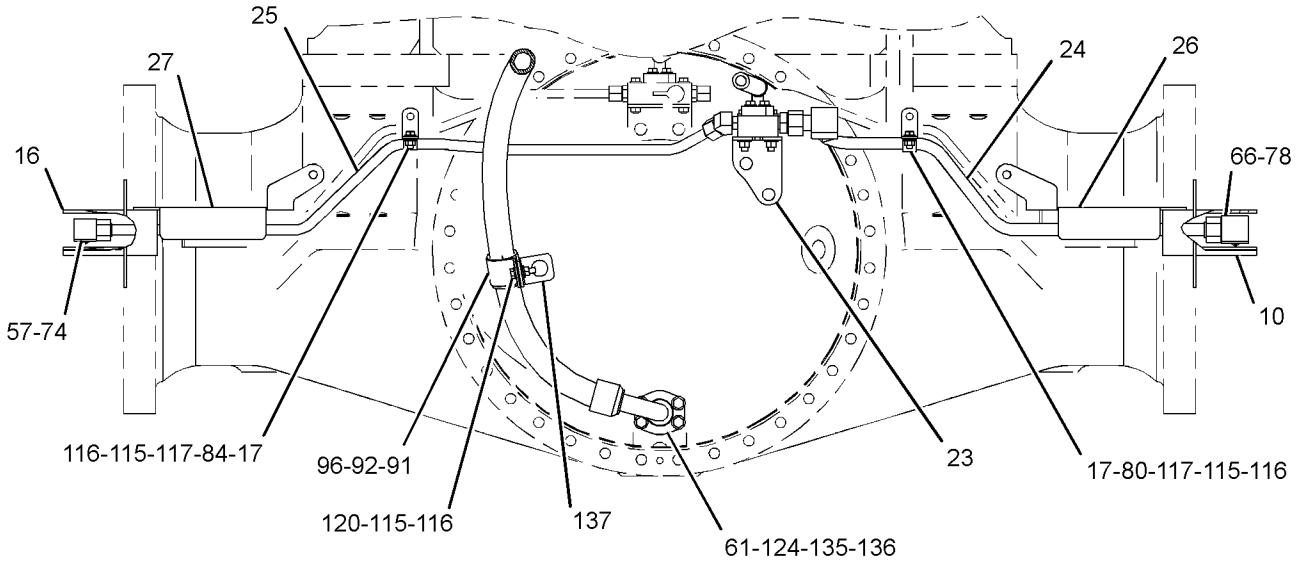
C - CHANGE FROM PREVIOUS TYPE
I - REFER TO HYDRAULIC INFORMATION SYSTEM
J - KIT MARKED J SERVICES PART(S) MARKED J
M - METRIC PART
Y - SEPARATE ILLUSTRATION

284-8008 **LINES GP-AXLE OIL COOLER (**contd.**)** **i05393820**

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



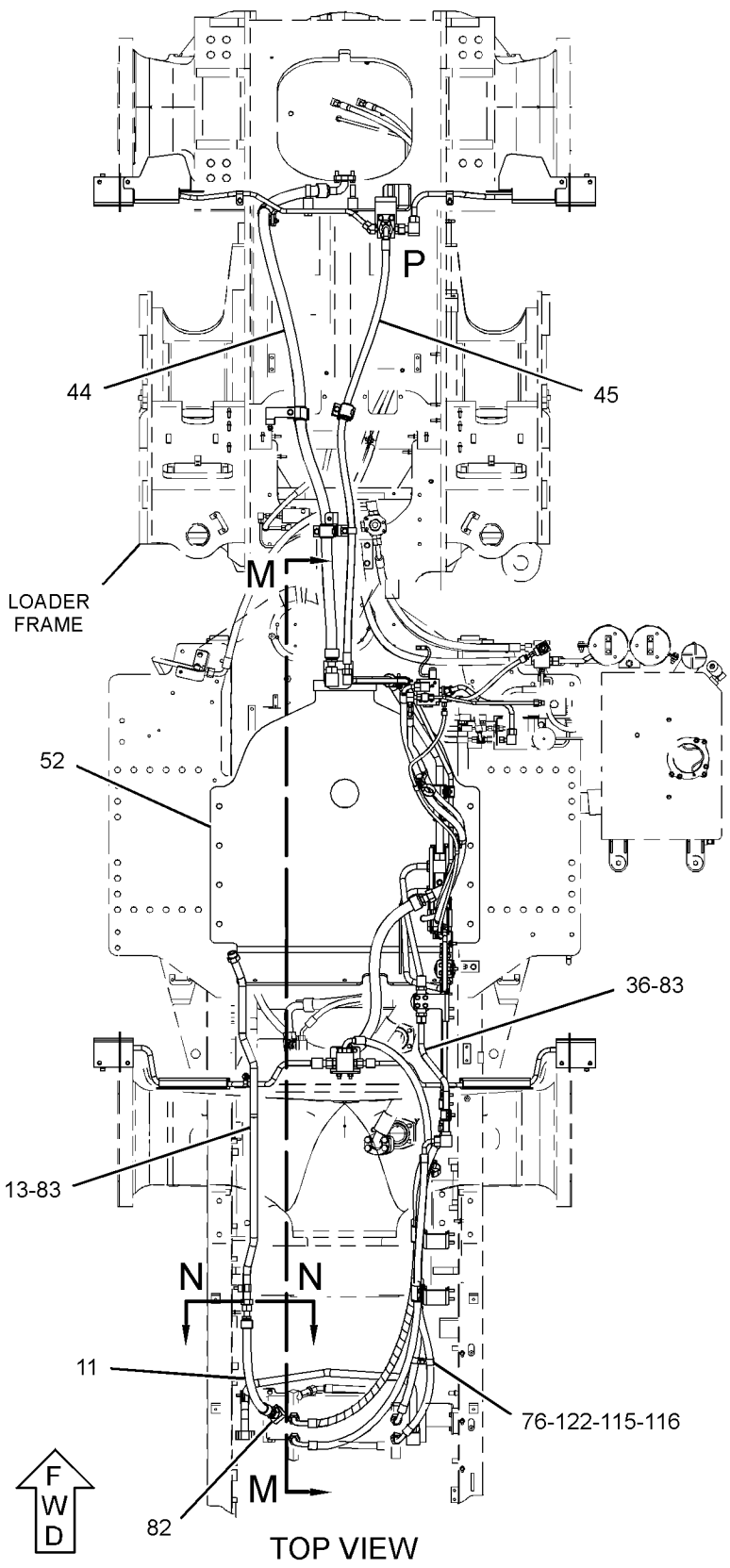
RIGHT SIDE VIEW



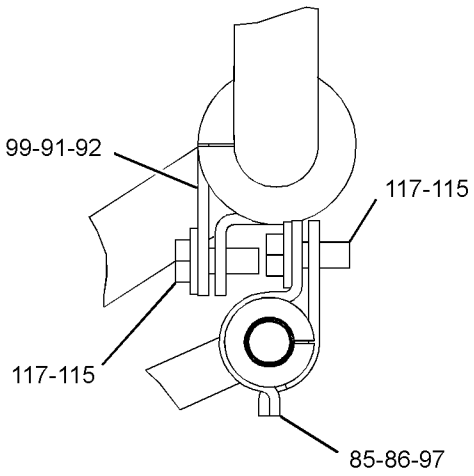
SECTION B-B

GRAPHIC #1 g03422805

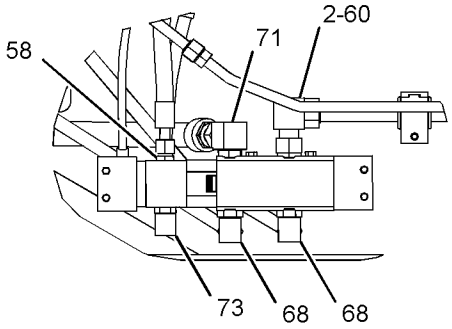
284-8008 **LINES GP-AXLE OIL COOLER (**contd.**)** **i05393820**



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



SECTION G-G

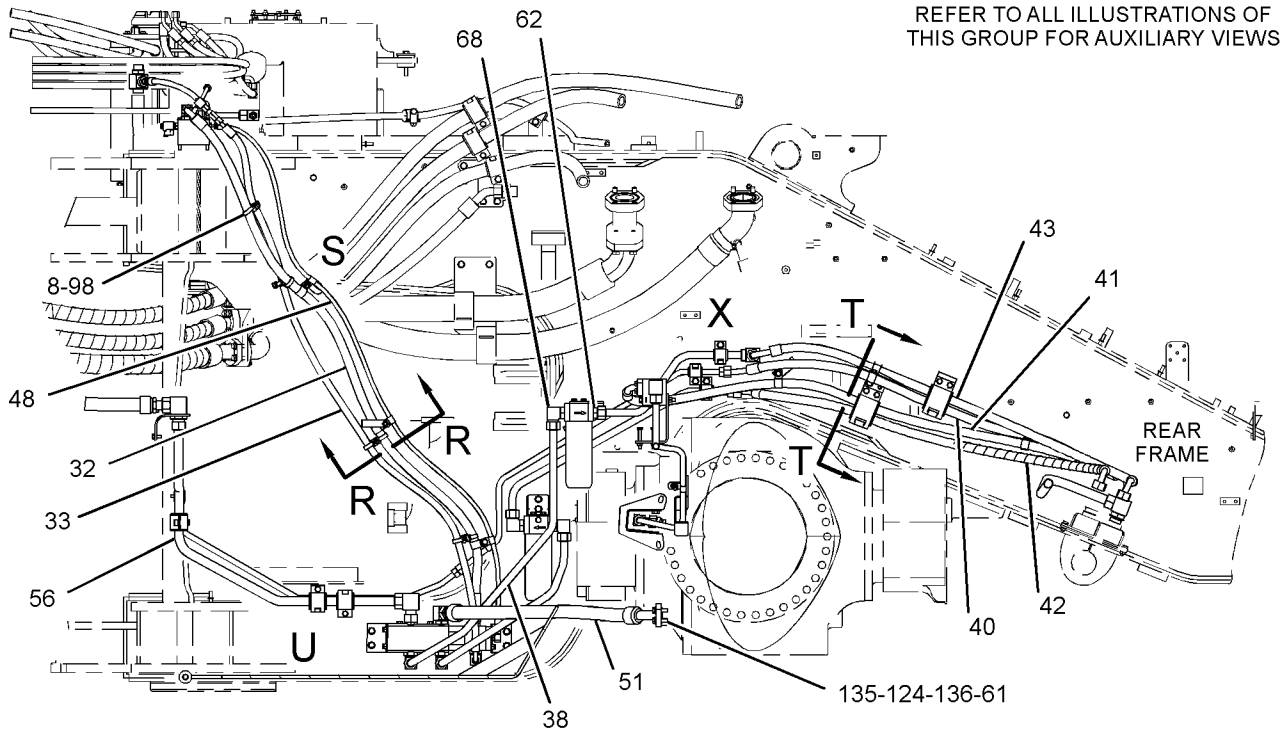


VIEW OF AREA H

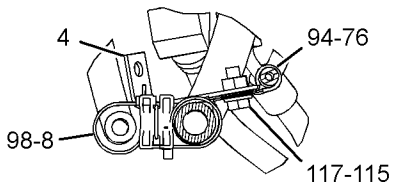
GRAPHIC #2

g03422806

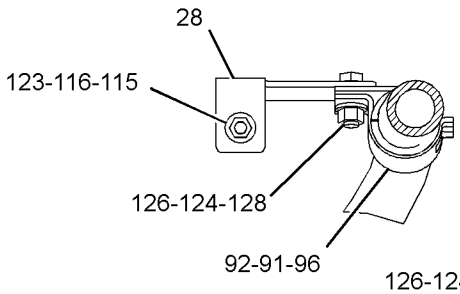
284-8008 **LINES GP-AXLE OIL COOLER (**contd.**)** **i05393820**

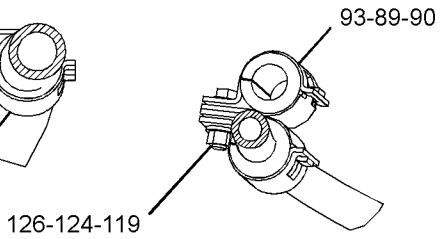


SECTION M-M

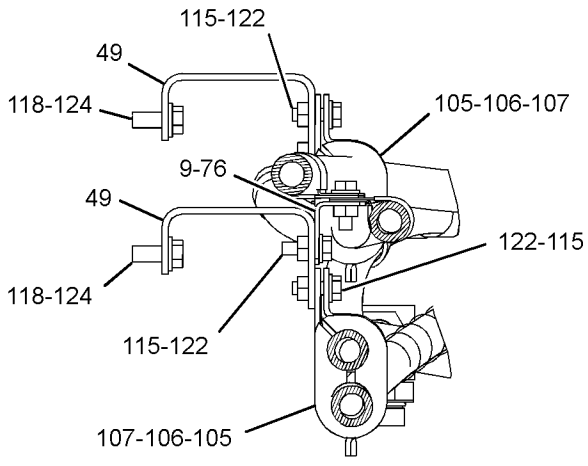


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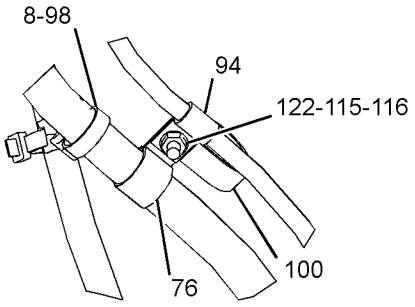




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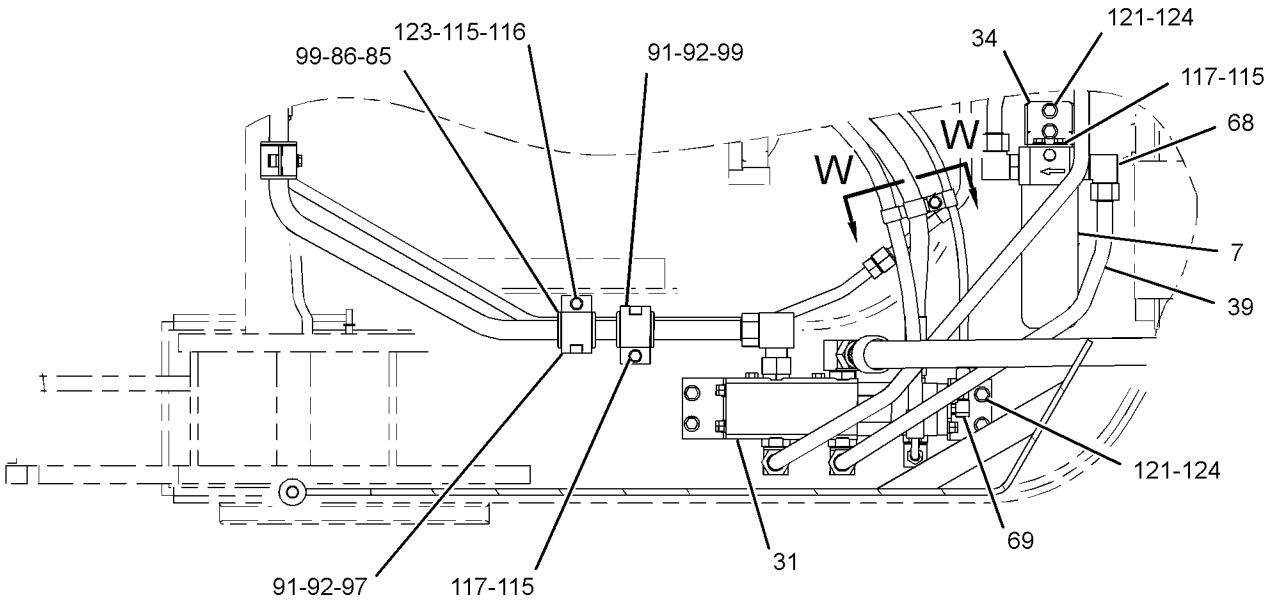
SECTION T-T



VIEW OF AREA S

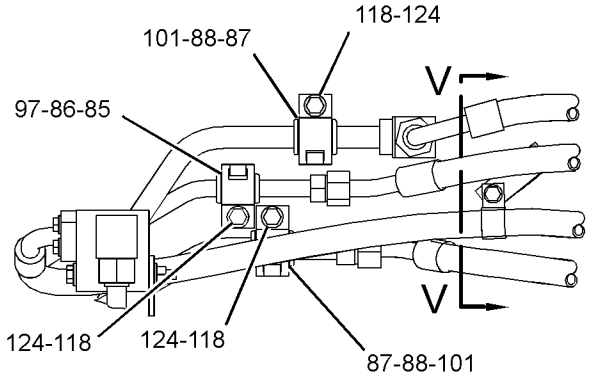
GRAPHIC #3 g03422807

284-8008 **LINES GP-AXLE OIL COOLER (**contd.**)** **i05393820**

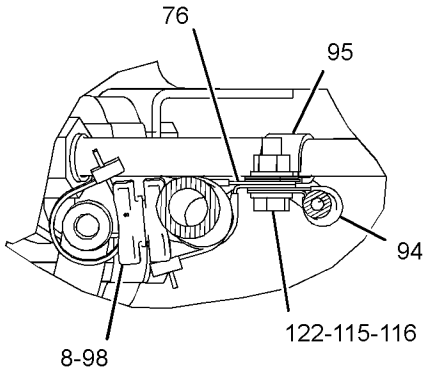


VIEW OF AREA U

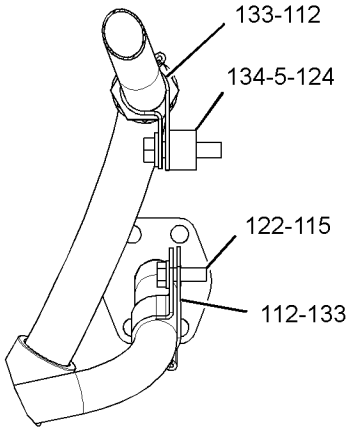
REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



VIEW OF AREA X



SECTION W-W

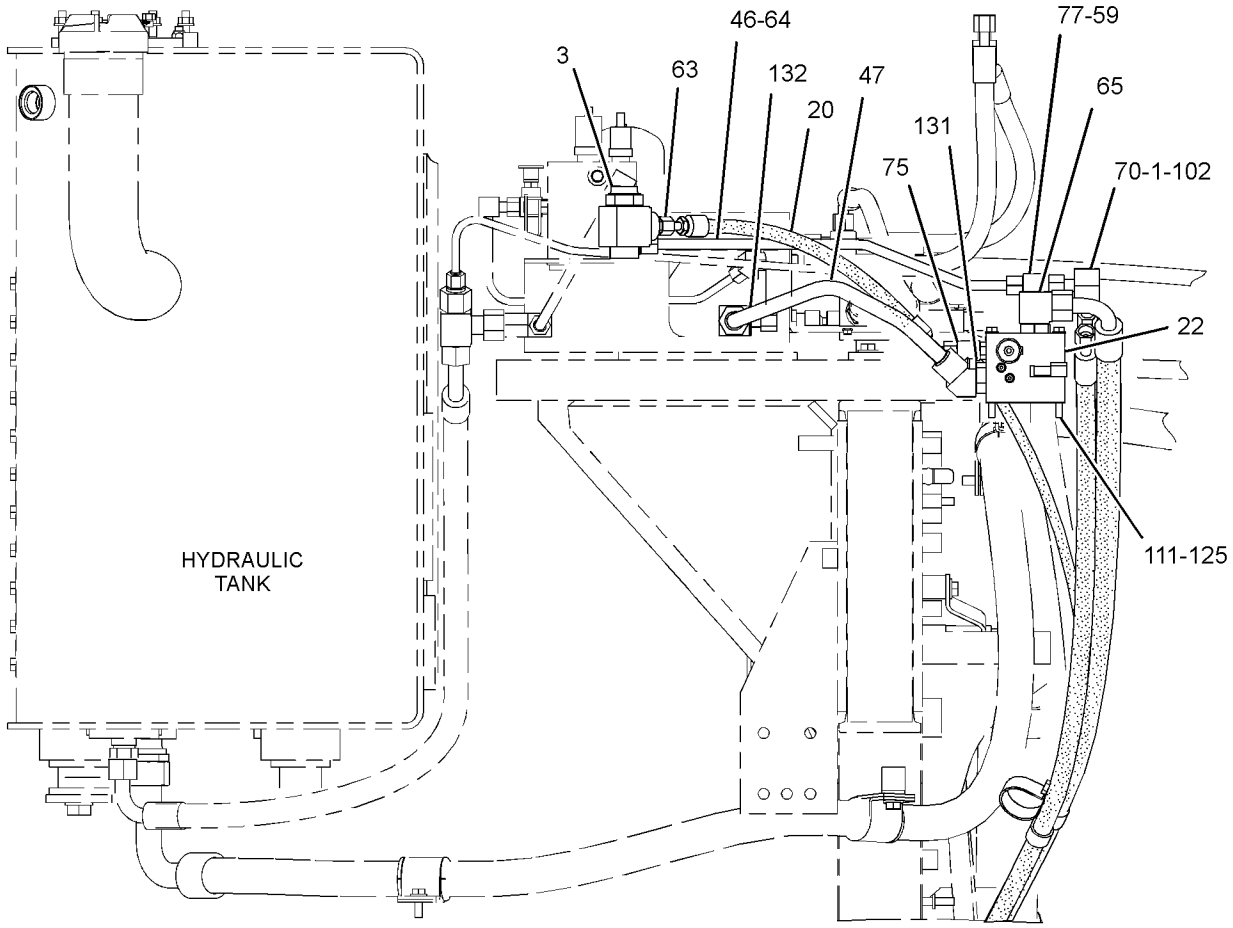


SECTION N-N

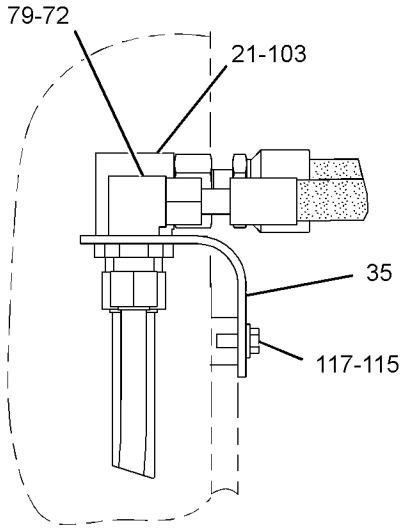
GRAPHIC #4

g03422808

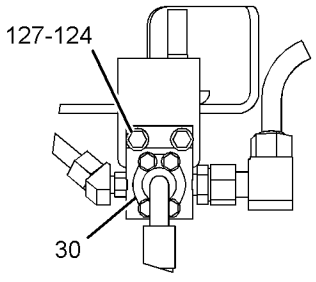
284-8008 **LINES GP-AXLE OIL COOLER (**contd.**)** **i05393820**



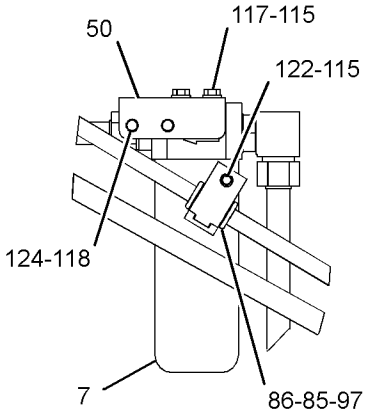
VIEW E-E



VIEW OF AREA D



VIEW OF AREA P

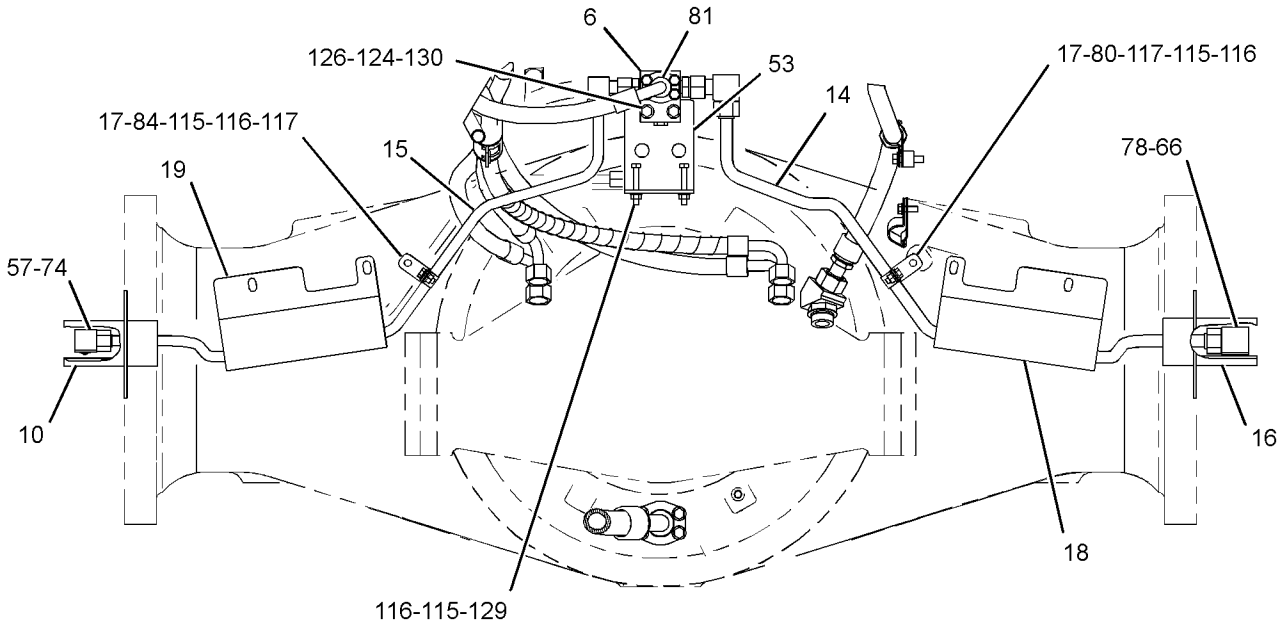


VIEW OF AREA F

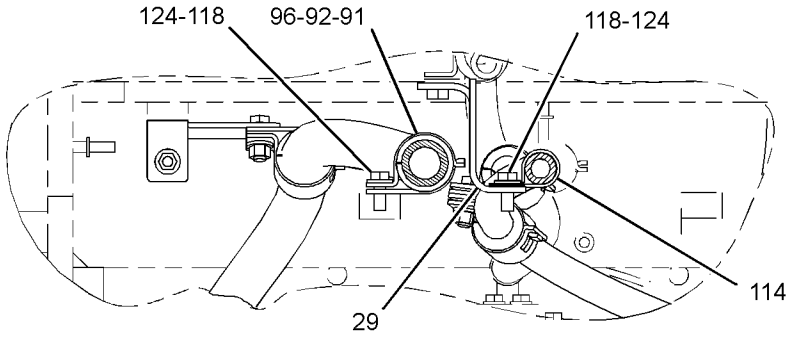
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g02143239

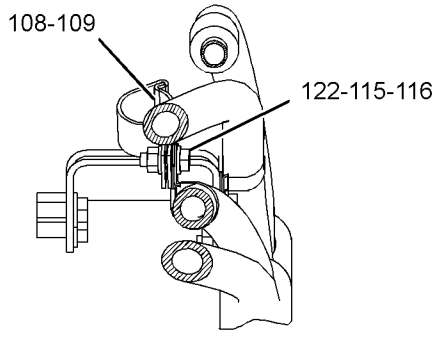
284-8008 **LINES GP-AXLE OIL COOLER (**contd.**)** **i05393820**



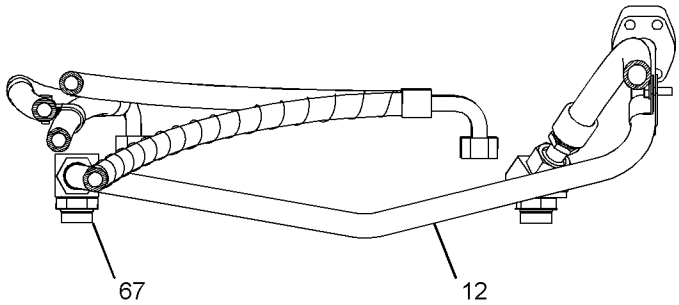
SECTION C-C



SECTION A-A



SECTION V-V



SECTION K-K

GRAPHIC #6 <END> g03422809

284-8008 LINES GP-AXLE OIL COOLER

S/N: BTW249-UP
CUSTOM
PART OF 353-4134 COOLER AR-AXLE OIL

SMCS-1365, 3016

i05423650

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	5	**104-7108**	1	VALVE GP-CHECK	
	2	2	*148-8387*	1	ELBOW AS	
		2	**6V-8400**	1	SEAL-O-RING	
		2	**6V-9855**	1	ELBOW	
	3	5	*150-3059*	1	TEE AS	
		5	**8T-1674**	1	TEE	
		5	**7M-8485**	1	SEAL-O-RING	
		5	**5K-9090**	1	SEAL-O-RING	
	4	3	**154-6626**	1	BRACKET AS	
M		3	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
M	5	4	**8T-4194**	1	BOLT (M12X1.75X50-MM)	
Y	6	6	*229-5373*	1	BLOCK GP-HYDRAULIC (REAR AXLE)	667
Y	7	4,5	**230-3633**	2	FILTER GP-OIL (AXLE OIL COOLER)	704
	8	3,4	**200-6345**	4	MOUNT (DUAL SWIVEL)	
	9	3	**4E-2289**	1	ANGLE AS	
	10	1,6	**243-5962**	2	CHANNEL AS	
					(EACH INCLUDES)	
M		1,6	**8T-3597**	1	NUT-WELD (M12X1.75-THD)	
I	11	2	**322-3172**	1	HOSE AS	
	12	6	**243-5984**	1	TUBE AS	
	13	2	**322-3171**	1	TUBE AS	
C	14	6	**377-4730**	1	TUBE AS	
C	15	6	**377-4731**	1	TUBE AS	
	16	1,6	**243-6002**	2	CHANNEL AS	
					(EACH INCLUDES)	
M		1,6	**8T-3597**	1	NUT-WELD (M12X1.75-THD)	
	17	1,6	**243-6019**	4	ANGLE	
	18	6	**243-6041**	1	GUARD (LH)	
	19	6	**243-6042**	1	GUARD (RH)	
I	20	5	**246-2859**	1	HOSE AS	
	21	5	*250-1423*	1	ELBOW AS	
		5	**6V-8400**	3	SEAL-O-RING	
		5	**6V-8985**	2	ELBOW	
Y	22	5	**257-5613**	1	MANIFOLD GP-CONTROL (AXLE OIL COOLER)	747
	23	1	**261-2126**	1	BRACKET	
	24	1	**261-2127**	1	TUBE AS	
	25	1	**261-2128**	1	TUBE AS	
	26	1	**261-2130**	1	PLATE	
	27	1	**261-2136**	1	PLATE	
	28	3	**261-2173**	1	BRACKET	
	29	6	**261-2224**	1	BRACKET AS	
M		6	**8T-3597**	1	NUT-WELD (M12X1.75-THD)	
Y	30	5	*261-2818*	1	BLOCK GP-HYDRAULIC (FRONT AXLE)	671
J	31	4	**264-6727**	1	PUMP & MOTOR GP-AXLE OIL CLR	
I	32	3	**284-8003**	1	HOSE AS	
I	33	3	**284-8004**	1	HOSE AS	
	34	4	**285-5497**	1	BRACKET	

284-8008 **LINES GP-AXLE OIL COOLER** (contd.) **i05423650**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	35	5	**285-5498**	1	BRACKET	
	36	2	**285-5503**	1	TUBE AS	
	37	1	**285-5505**	1	TUBE AS	
	38	3	**285-5506**	1	TUBE AS	
	39	4	**285-5507**	1	TUBE AS	
I	40	3	**285-5510**	1	HOSE AS	
I	41	3	**285-5511**	1	HOSE AS	
I	42	3	**285-5512**	1	HOSE AS	
I	43	3	**285-5513**	1	HOSE AS	
CI	44	2	**418-8256**	1	HOSE AS	
I	45	2	**285-5517**	1	HOSE AS	
	46	5	**286-1293**	1	TUBE AS	
	47	5	**316-0071**	1	TUBE AS	
I	48	3	**286-1296**	1	HOSE AS	
	49	3	**287-8728**	2	BRACKET AS	
					(EACH INCLUDES)	
M		3	**8T-3490**	4	NUT-WELD (M10X1.5-THD)	
	50	5	**287-8730**	1	BRACKET AS	
I	51	3	**325-1157**	1	HOSE AS	
C	52	6	**4S-1962**	1	CLIP (LOOP)	
	53	6	**294-9560**	1	BRACKET	
	54	1	**308-7734**	1	TUBE AS	
	55	1	**308-7735**	1	TUBE AS	
	56	3	**308-7770**	1	TUBE AS	
	57	1,6	*148-8324*	2	CONNECTOR AS	
					(EACH INCLUDES)	
		1,6	**3K-0360**	1	SEAL-O-RING	
		1,6	**6V-9746**	1	SEAL-O-RING	
		1,6	**6V-9874**	1	CONNECTOR (STRAIGHT)	
	58	2	*148-8327*	1	CONNECTOR AS	
		2	**3D-2824**	1	SEAL-O-RING	
		2	**6V-8637**	1	CONNECTOR	
		2	**6V-9746**	1	SEAL-O-RING	
	59	5	*148-8328*	1	CONNECTOR AS	
		5	**3D-2824**	1	SEAL-O-RING	
		5	**6V-8398**	1	SEAL-O-RING	
		5	**6V-8633**	1	CONNECTOR	
	60	2	*148-8333*	1	CONNECTOR AS	
		2	**6V-8400**	1	SEAL-O-RING	
		2	**7M-8485**	1	SEAL-O-RING	
		2	**8T-7927**	1	CONNECTOR	
	61	1,3	**1P-4579**	4	FLANGE-HALF	
	62	3	*148-8335*	1	CONNECTOR AS	
		3	**5K-9090**	1	SEAL-O-RING	
		3	**6V-8635**	1	CONNECTOR	
		3	**7M-8485**	1	SEAL-O-RING	
	63	5	*148-8336*	1	CONNECTOR AS	
		5	**6V-8636**	1	CONNECTOR	
		5	**6V-8397**	1	SEAL-O-RING	
		5	**3J-1907**	1	SEAL-O-RING	
	64	5	*148-8340*	1	CONNECTOR AS	

284-8008 **LINES GP-AXLE OIL COOLER (**contd.**)** **i05423650**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		5	**3K-0360**	1	SEAL-O-RING	
		5	**6V-8398**	1	SEAL-O-RING	
		5	**6V-8639**	1	CONNECTOR	
	65	5	*148-8347*	1	ELBOW AS	
		5	**3D-2824**	1	SEAL-O-RING	
		5	**6V-9007**	1	ELBOW	
		5	**6V-9746**	1	SEAL-O-RING	
	66	1,6	*148-8352*	2	ELBOW AS	
					(EACH INCLUDES)	
		1,6	**5K-9090**	1	SEAL-O-RING	
		1,6	**6V-9854**	1	ELBOW (SWIVEL)	
	67	6	*148-8356*	1	ELBOW AS	
		6	**2S-4078**	1	SEAL-O-RING	
		6	**6V-8400**	1	SEAL-O-RING	
		6	**6V-9009**	1	ELBOW	
	68	2,3,4	*148-8357*	5	ELBOW AS	
					(EACH INCLUDES)	
		2,3,4	**5K-9090**	1	SEAL-O-RING	
		2,3,4	**6V-9008**	1	ELBOW	
		2,3,4	**7M-8485**	1	SEAL-O-RING	
	69	4	*148-8369*	1	ELBOW AS	
		4	**3J-7354**	1	SEAL-O-RING	
		4	**4J-5477**	1	SEAL-O-RING	
		4	**6V-8628**	1	ELBOW	
	70	5	*148-8370*	1	ELBOW AS	
		5	**6V-8398**	1	SEAL-O-RING	
		5	**6V-9851**	1	ELBOW	
	71	2	*148-8373*	1	ELBOW AS	
		2	**6V-8400**	1	SEAL-O-RING	
		2	**7M-8485**	1	SEAL-O-RING	
		2	**8C-3364**	1	ELBOW	
	72	5	*148-8376*	1	ELBOW AS	
		5	**6V-8983**	1	ELBOW	
		5	**6V-9746**	2	SEAL-O-RING	
	73	2	*148-8381*	1	ELBOW AS	
		2	**3D-2824**	1	SEAL-O-RING	
		2	**6V-8398**	1	SEAL-O-RING	
		2	**8T-5429**	1	ELBOW	
	74	1,6	*148-8392*	2	ELBOW AS	
					(EACH INCLUDES)	
		1,6	**6V-9746**	1	SEAL-O-RING	
		1,6	**6V-9853**	1	ELBOW	
	75	5	*148-8435*	1	TEE AS	
		5	**6V-8781**	1	TEE	
		5	**6V-8397**	2	SEAL-O-RING	
		5	**3J-1907**	1	SEAL-O-RING	
	76	2,3,4	**149-7738**	8	CLIP	
	77	5	*150-4037*	1	TEE AS	
		5	**6V-8398**	2	SEAL-O-RING	
		5	**6V-9844**	1	TEE-SWIVEL	
	78	1,6	*169-7394*	2	CONNECTOR AS	

284-8008 **LINES GP-AXLE OIL COOLER** (contd.) **i05423650**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
					(EACH INCLUDES)	
		1,6	**3K-0360**	1	SEAL-O-RING	
		1,6	**5K-9090**	1	SEAL-O-RING	
		1,6	**8C-3370**	1	CONNECTOR	
	79	5	**2P-1293**	1	LOCKNUT (1-3/16-12-THD)	
C	80	1	**2S-4762**	1	CLIP	
	81	6	**4J-0520**	1	SEAL-O-RING	
	82	2	*153-6238*	1	ELBOW AS	
		2	**2S-4078**	1	SEAL-O-RING	
		2	**6V-8400**	1	SEAL-O-RING	
		2	**6V-9006**	1	ELBOW	
	83	1,2	**5K-9090**	4	SEAL-O-RING	
	84	1,6	**5K-9660**	2	CLIP	
	85	2,4,5	**5P-7462**	4	CLIP (SLOT)	
	86	2,4,5	**5P-7463**	4	CLIP (TAB)	
	87	4	**5P-7464**	2	CLIP (SLOT)	
	88	4	**5P-7465**	2	CLIP (TAB)	
	89	3	**5P-7466**	2	CLIP (SLOT)	
	90	3	**5P-7467**	2	CLIP (TAB)	
	91	1,2,3,4,6	**5P-7468**	6	CLIP (SLOT)	
	92	1,2,3,4,6	**5P-7469**	6	CLIP (TAB)	
	93	3	**5P-8112**	2	GROMMET	
	94	3,4	**6D-3479**	3	CLIP	
	95	4	**6D-4246**	1	CLIP (LOOP)	
	96	1,3,6	**6V-0545**	3	GROMMET	
	97	2,4,5	**6V-0683**	4	GROMMET	
	98	3,4	**204-2281**	8	STRAP-CABLE	
	99	2,4	**6V-1874**	3	GROMMET (31-MM ID)	
	100	3	**6V-2235**	1	CLIP	
	101	4	**6V-7359**	2	GROMMET (25-MM ID, 37-MM OD)	
	102	5	**6V-8398**	1	SEAL-O-RING	
	103	5	**6V-9173**	1	NUT-BULKHEAD (1-11/16-12-THD)	
	104	1	**6V-9746**	2	SEAL-O-RING	
	105	3	**7G-3832**	2	GROMMET	
	106	3	**7G-3833**	2	CLIP (TAB)	
	107	3	**7G-3834**	2	CLIP (SLOT)	
	108	6	**7K-1401**	1	CLIP	
	109	6	**7K-1402**	1	BRACKET	
M	111	5	**7X-2539**	2	BOLT (M8X1.25X110-MM)	
	112	4	**6K-4935**	2	CLIP (TAB)	
	114	6	**8D-9947**	1	CLIP	
	115	1,2,3,4,-5,6	**8T-4121**	46	WASHER-HARD (11X21X2.5-MM THK)	
M	116	1,2,3,4,6	**8T-4133**	13	NUT (M10X1.5-THD)	
M	117	1,2,3,4,-5,6	**8T-4136**	19	BOLT (M10X1.5X25-MM)	
M	118	3,4,5,6	**8T-4139**	11	BOLT (M12X1.75X30-MM)	
M	119	3	**8T-4183**	1	BOLT (M12X1.75X40-MM)	
M	120	1	**8T-4186**	1	BOLT (M10X1.5X40-MM)	
M	121	4	**8T-4192**	6	BOLT (M12X1.75X25-MM)	
M	122	2,3,4,5,6	**8T-4195**	11	BOLT (M10X1.5X30-MM)	
M	123	3,4	**8T-4196**	2	BOLT (M10X1.5X35-MM)	

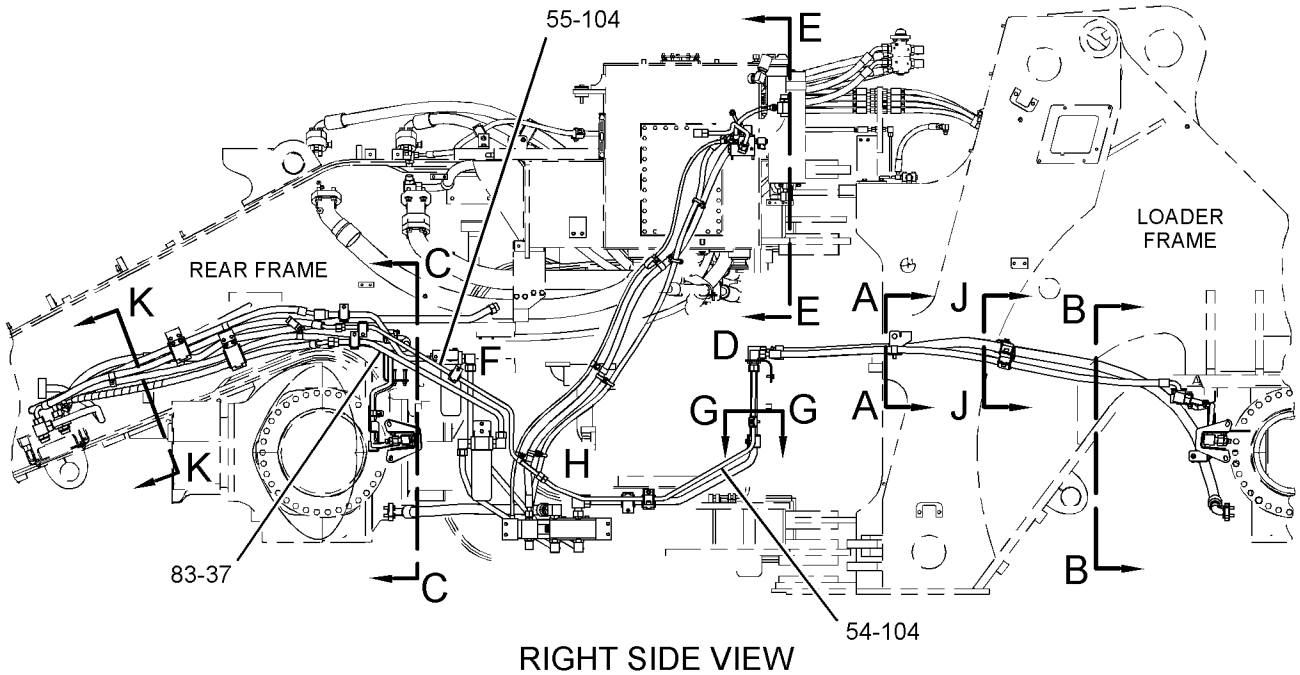
284-8008 **LINES GP-AXLE OIL COOLER (**contd.**)** **i05423650**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	124	1,3,4,5,6	**8T-4223**	38	WASHER-HARD (13.5X25.5X3-MM THK)	
	125	5	**8T-4224**	2	WASHER-HARD (8.8X16X2-MM THK)	
M	126	3,6	**8T-4244**	6	NUT (M12X1.75-THD)	
CM	127	5,6	**8T-4648**	4	BOLT (M12X1.75X70-MM)	
M	128	3	**8T-4956**	1	BOLT (M12X1.75X35-MM)	
M	129	6	**8T-5005**	2	BOLT (M10X1.5X70-MM)	
	131	5	*153-6237*	1	ELBOW AS	
		5	**6V-9004**	1	ELBOW	
		5	**3D-2824**	1	SEAL-O-RING	
		5	**6V-9746**	1	SEAL-O-RING	
	132	5	*150-3032*	1	ELBOW AS	
		5	**8C-8762**	1	ELBOW	
		5	**6V-9746**	1	SEAL-O-RING	
	133	4	**6K-4934**	2	CLIP (SLOT)	
	134	4	**1W-8793**	1	SPACER (13.8X30X20-MM THK)	
M	135	1,3	**8T-4184**	8	BOLT (M12X1.75X45-MM)	
	136	1,3	**4J-0524**	2	SEAL-O-RING	
	137	1	**298-6145**	1	BRACKET	
					AVAILABLE REPAIR KIT(S):	
J			**266-7261**	1	KIT-SEAL	
					(INCLUDES RINGS & SEALS)	

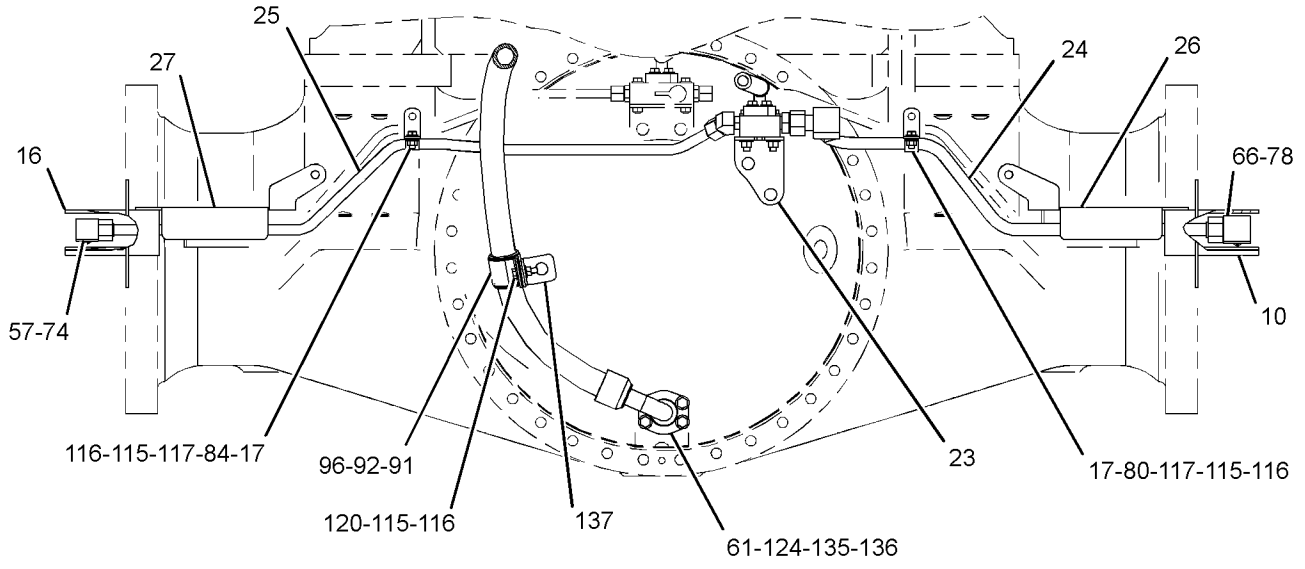
C - CHANGE FROM PREVIOUS TYPE
I - REFER TO HYDRAULIC INFORMATION SYSTEM
J - KIT MARKED J SERVICES PART(S) MARKED J
M - METRIC PART
Y - SEPARATE ILLUSTRATION

284-8008 **LINES GP-AXLE OIL COOLER (**contd.**)** **i05423650**

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



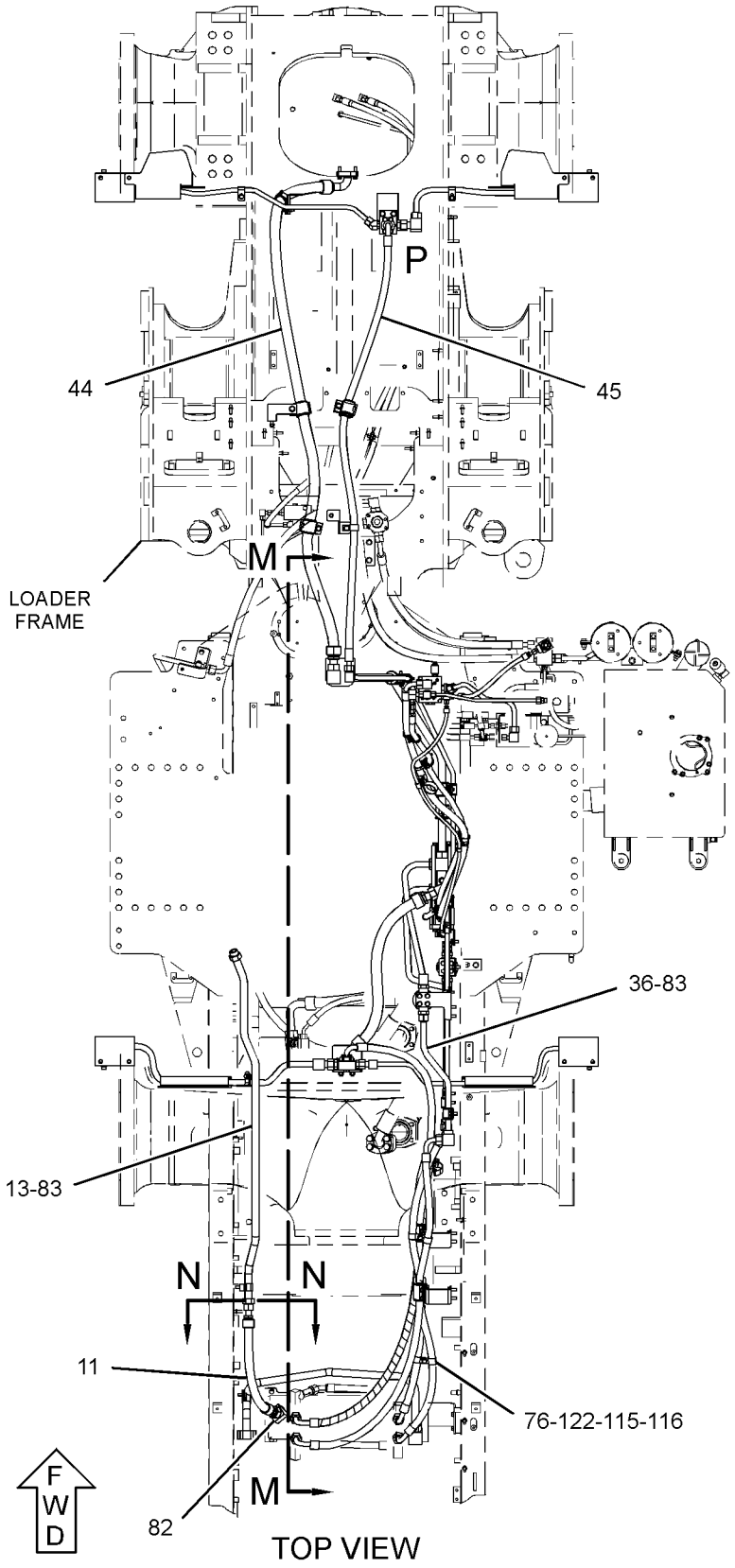
RIGHT SIDE VIEW



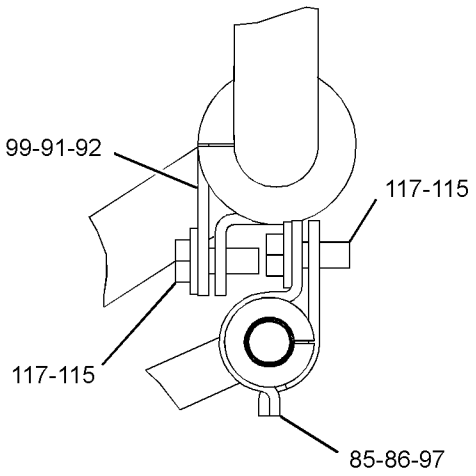
SECTION B-B

GRAPHIC #1 g03513102

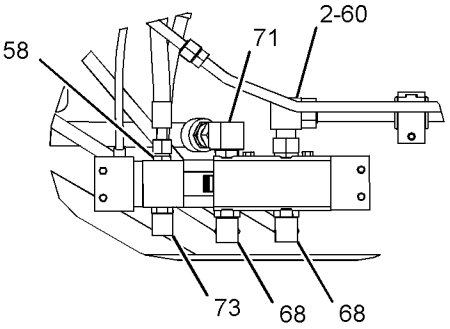
284-8008 **LINES GP-AXLE OIL COOLER (**contd.**)** **i05423650**



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



SECTION G-G

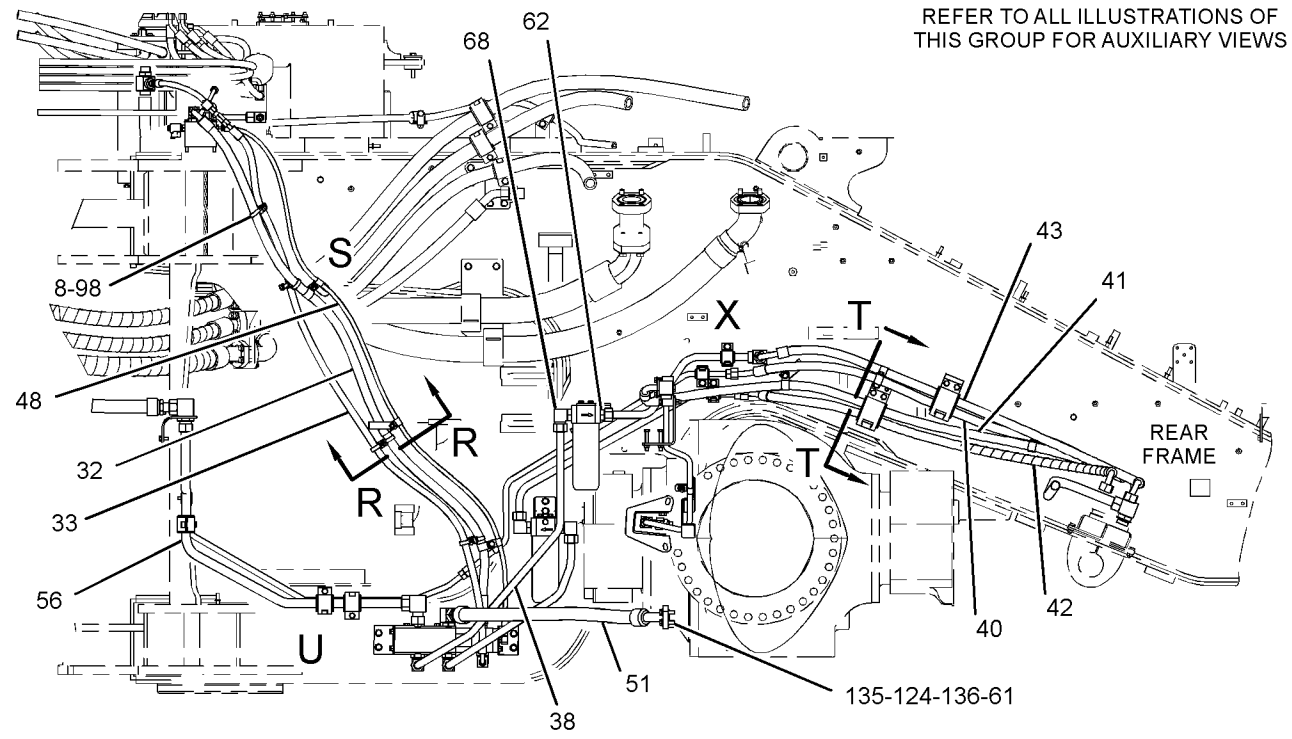


VIEW OF AREA H

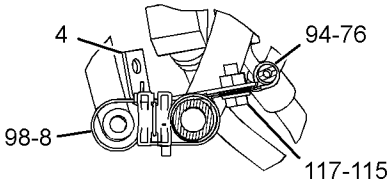
GRAPHIC #2

g03513104

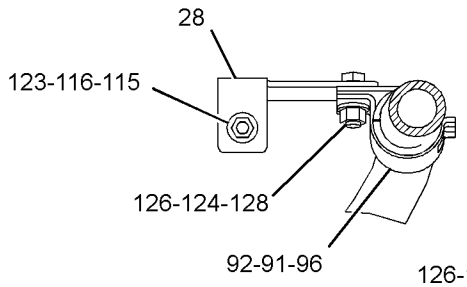
284-8008 **LINES GP-AXLE OIL COOLER (**contd.**)** **i05423650**

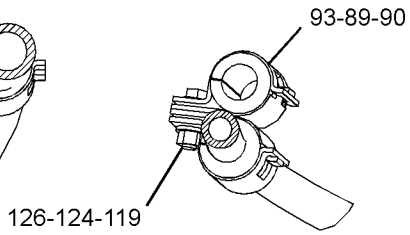


SECTION M-M

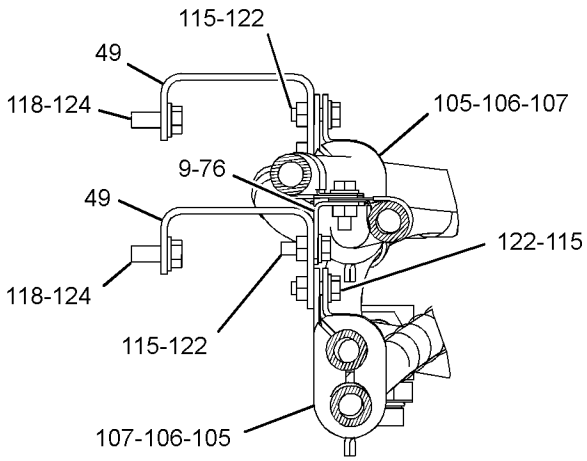


SECTION R-R

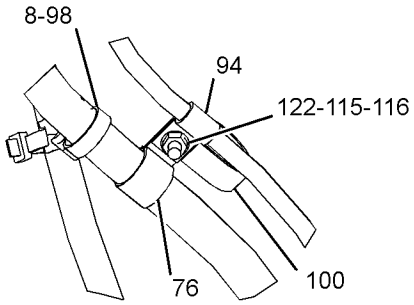




SECTION J-J



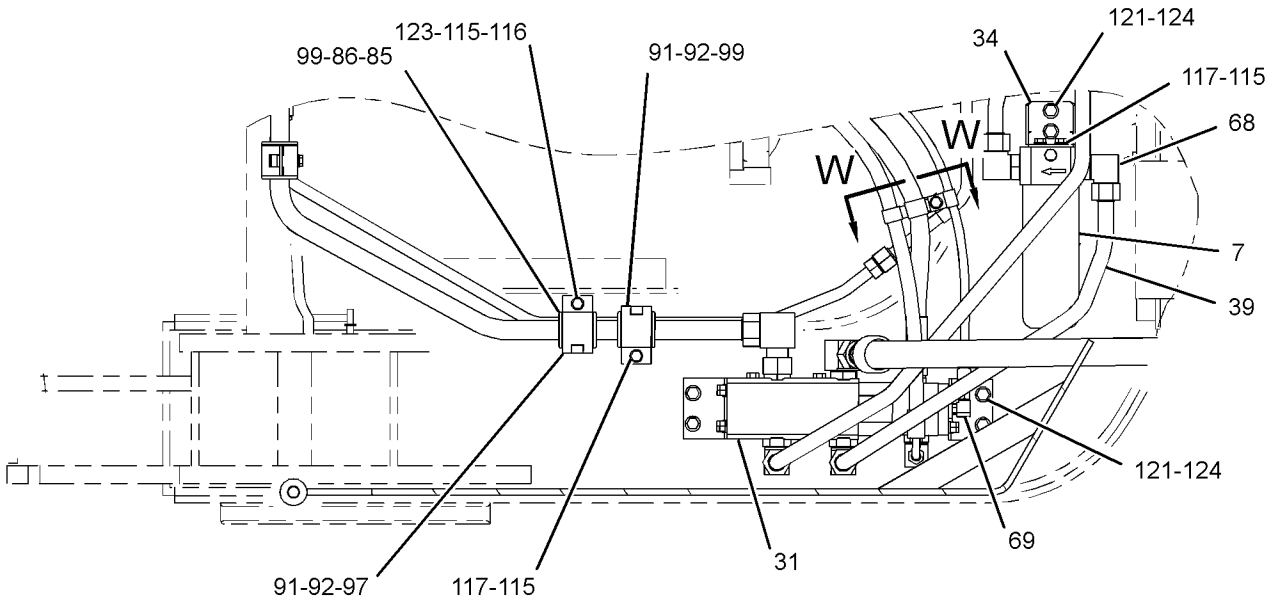
SECTION T-T



VIEW OF AREA S

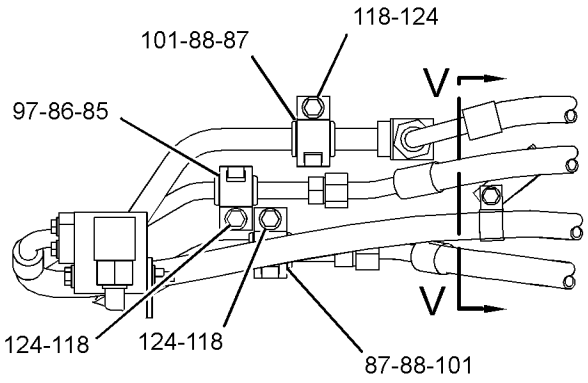
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284-8008 **LINES GP-AXLE OIL COOLER (**contd.**)** **i05423650**

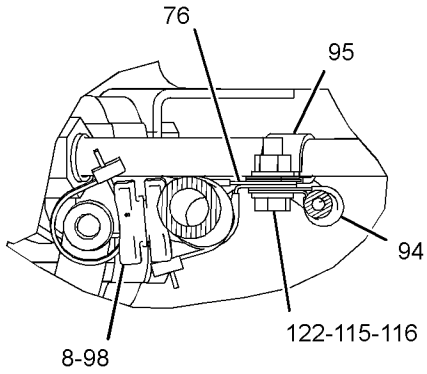


VIEW OF AREA U

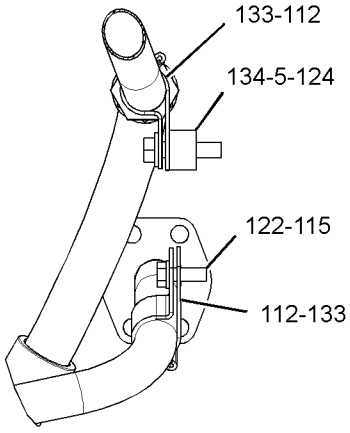
REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



VIEW OF AREA X



SECTION W-W

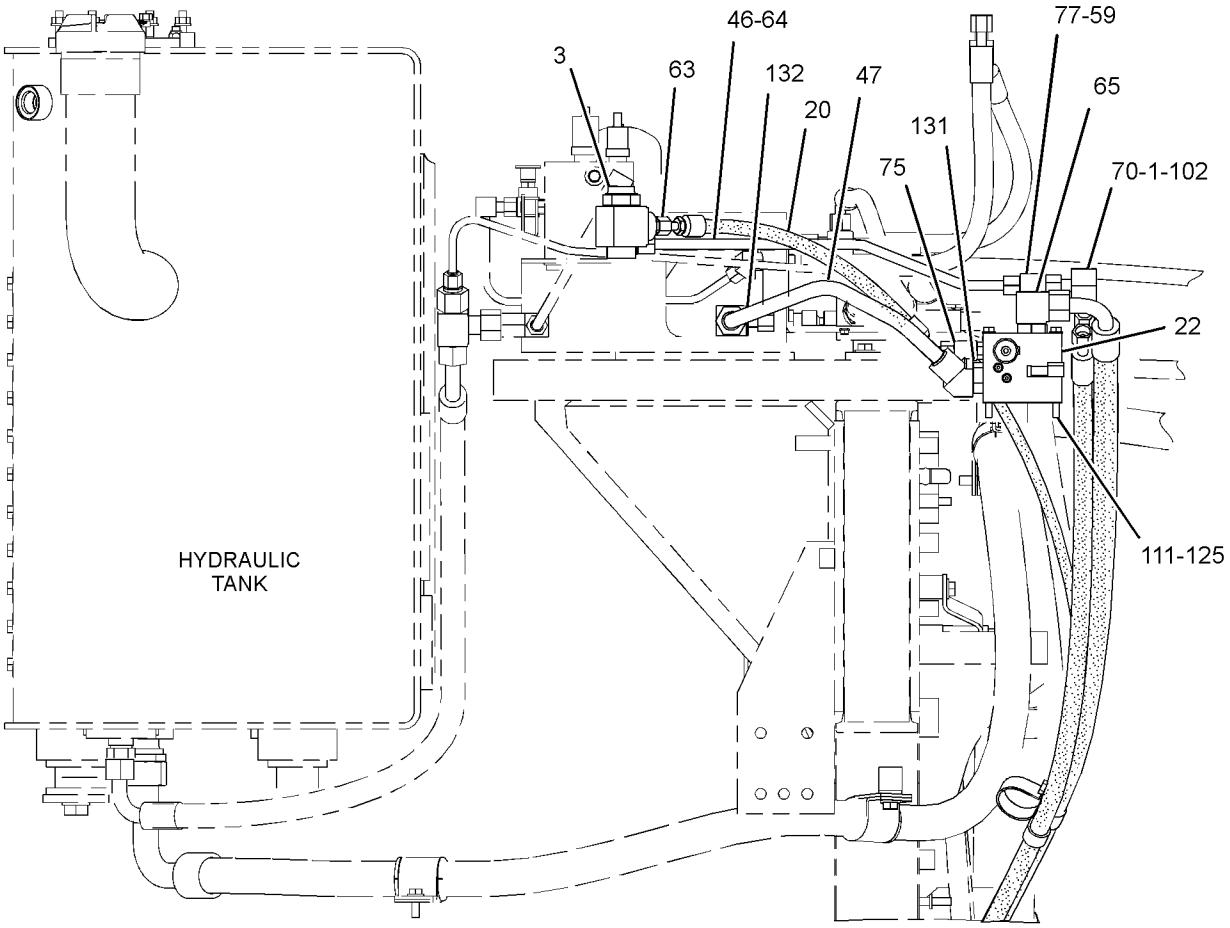


SECTION N-N

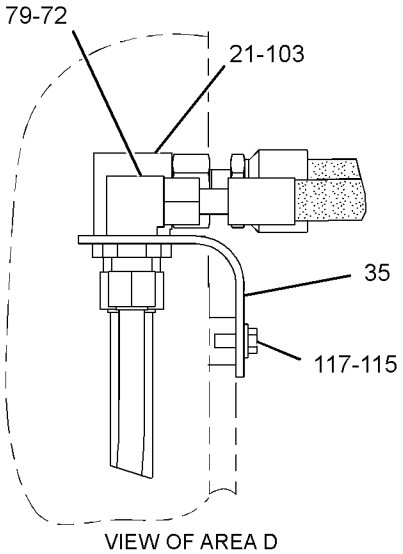
GRAPHIC #4

g03422808

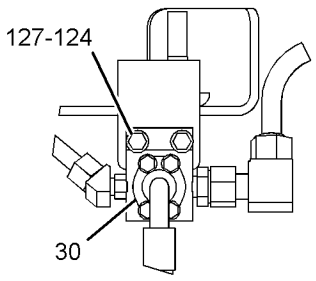
284-8008 **LINES GP-AXLE OIL COOLER (**contd.**)** **i05423650**



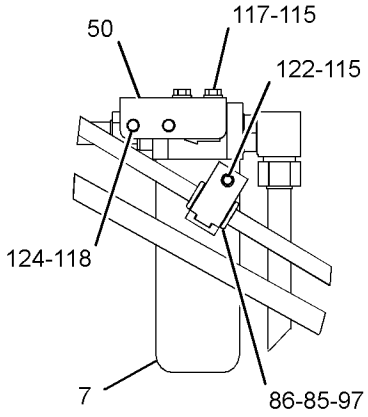
VIEW E-E



VIEW OF AREA D



VIEW OF AREA P

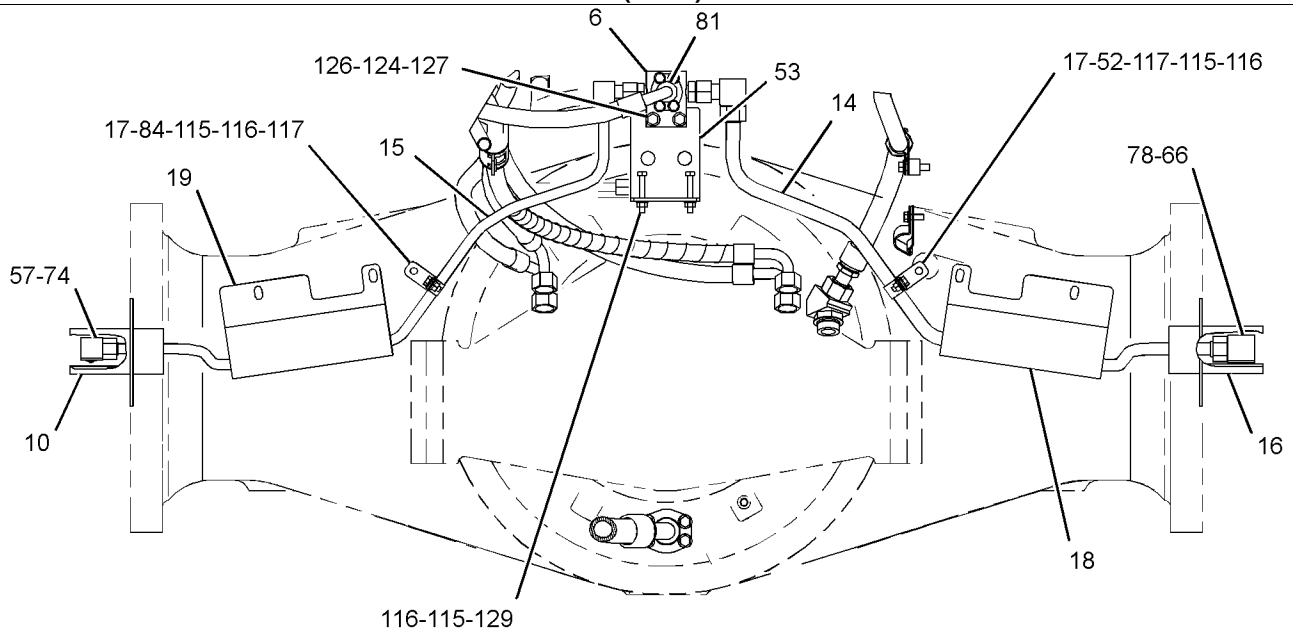


VIEW OF AREA F

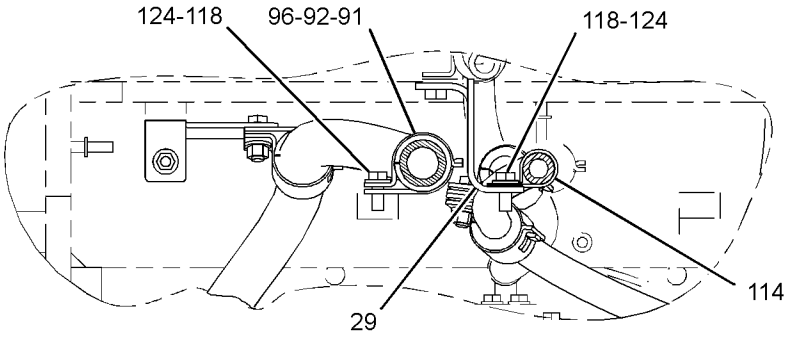
GRAPHIC #5

g02143239

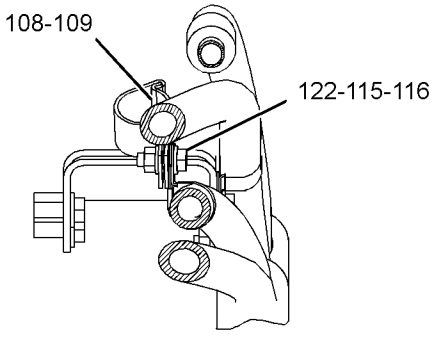
284-8008 **LINES GP-AXLE OIL COOLER (**contd.**)** **i05423650**



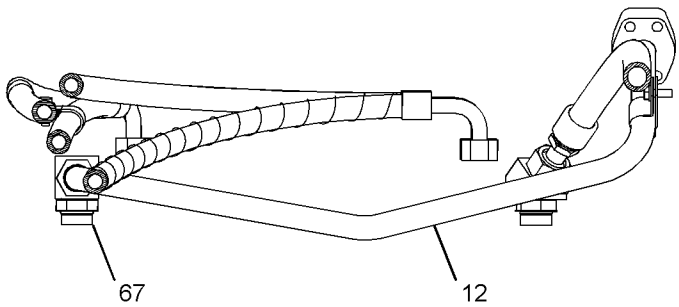
SECTION C-C



SECTION A-A



SECTION V-V



SECTION K-K

GRAPHIC #6 <END> g03513110

229-7352 LINES GP-POWER TRAIN OIL

S/N: BTW1-205

PART OF 230-3268 POWER TRAIN AR

SMCS-3016 **i02505692**

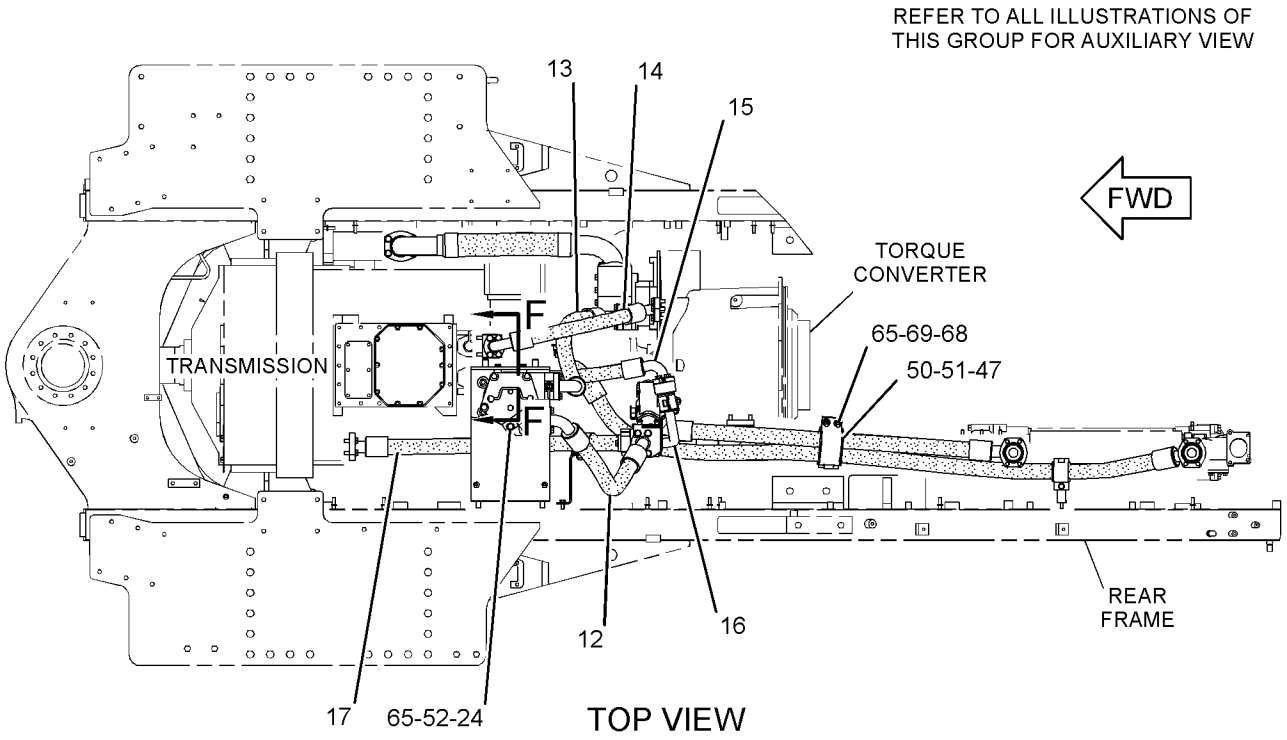
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	2	**8E-8427**	1	VALVE GP-TORQUE CONV PRIORITY	797
	2	2	**8R-0752**	1	ADAPTER	
	3	2	**8X-4660**	1	FLANGE	
	4	2	**8X-4886**	1	ELBOW	
	5	2	**9D-7924**	4	MOUNTING AS	
	6	2	**101-9083**	1	BRACKET AS	
Y	7	2	**104-5013**	1	VALVE GP-RELIEF (TORQUE CONVERTER OUTLET)	792
	8	2	*164-5567*	2	COUPLER AS-QUICK DISCONNECT (MALE)	
					(EACH INCLUDES)	
		2	**6V-3965**	1	FITTING (QUICK DISCONNECT)	
		2	**3J-1907**	1	SEAL-O-RING	
	9	2	**197-3295**	6	FLANGE-HALF	
I	10	1	**234-2827**	1	HOSE AS	
I	11	1	**234-2828**	1	HOSE AS	
I	12	1	**234-2829**	1	HOSE AS	
I	13	1	**234-2830**	1	HOSE AS	
I	14	1	**234-2831**	1	HOSE AS	
I	15	1	**235-1274**	1	HOSE AS	
	16	1	**235-1275**	1	TUBE AS	
I	17	1	**235-1277**	1	HOSE AS	
	18	2	**235-1278**	1	ADAPTER	
I	19	1	**236-4381**	1	HOSE AS	
	20	2	**236-4382**	1	ADAPTER	
	21	2	**236-4383**	1	BRACKET AS	
	22	2	**236-4677**	1	BRACKET AS	
	23	2	**238-4474**	1	BRACKET AS	
	24	1	**267-6645**	1	BRACKET	
	25	2	**274-2347**	1	BRACKET AS	
	26	2	*148-8313*	1	ADAPTER AS	
		2	**5P-6944**	1	ADAPTER	
		2	**3K-0360**	1	SEAL-O-RING	
	27	2	*155-3624*	1	PLUG AS	
		2	**9S-4182**	1	PLUG (7/16-20-THD)	
		2	**3J-7354**	1	SEAL-O-RING	
	28	2	*164-5590*	1	VALVE AS-FLUID SAMPLING	
		2	**8C-3446**	1	VALVE-SAMPLING	
		2	**3J-7354**	1	SEAL-O-RING	
	29	2	*169-7397*	1	ADAPTER AS	
		2	**3P-1932**	1	ADAPTER	
		2	**3K-0360**	1	SEAL-O-RING	
Y	30	2	**199-3389**	1	FILTER GP-OIL (POWER TRAIN)	702
	31	2	**1P-3704**	1	SEAL-RECTANGULAR	
	32	2	**1P-3706**	2	SEAL-RECTANGULAR	
	33	2	**1P-4579**	16	FLANGE-HALF	
	34	1	**1P-4582**	6	FLANGE-HALF	
	35	1,2	**1P-4584**	4	FLANGE-HALF	
	36	2	**3E-9411**	4	WASHER-HARD (17.5X38X6-MM THK)	
	37	2	**4J-0522**	4	SEAL-O-RING	

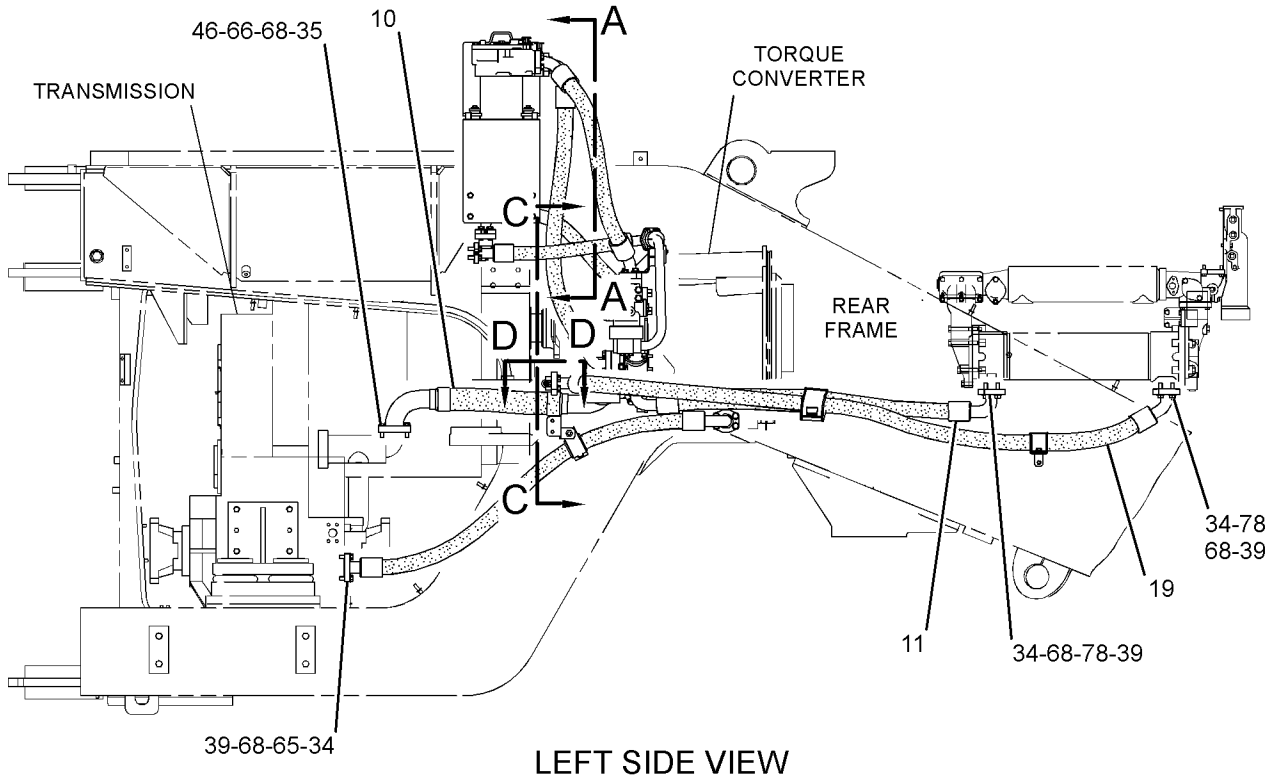
229-7352 **LINES GP-POWER TRAIN OIL (**contd.**)** **i02505692**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	38	2	**4J-0524**	9	SEAL-O-RING	
	39	1	**4J-0527**	3	SEAL-O-RING	
	40	2	**5P-7468**	1	CLIP (SLOT)	
	41	2	**5P-7469**	1	CLIP (TAB)	
	42	2	**5P-7470**	2	CLIP (SLOT)	
	43	2	**5P-7471**	2	CLIP (TAB)	
	44	2	**5P-7703**	2	GROMMET (52-MM ID)	
	45	2	**6E-5102**	4	PLATE	
	46	1,2	**6J-2680**	3	SEAL-O-RING	
	47	1	**6V-1324**	1	GROMMET	
	48	2	**6V-1874**	1	GROMMET (31-MM ID)	
Y	49	2	*6Y-6977*	1	PUMP GP-TRANSMISSION	760
	50	1	**7G-3413**	1	CLIP (SLOT)	
	51	1	**7G-3414**	1	CLIP (TAB)	
	52	1	**7X-0605**	4	WASHER-HARD (13X28X1.6-MM THK)	
	53	2	**7X-0613**	4	WASHER-HARD (8.8X25.5X5-MM THK)	
M	54	2	**7X-2549**	4	BOLT (M12X1.75X100-MM)	
M	55	2	**7X-2553**	4	BOLT (M16X2X40-MM)	
	56	2	**7X-3392**	12	WASHER-HARD (13.5X22.5X3-MM THK)	
	57	2	**8C-3447**	1	CAP-DUST	
	58	2	**8M-4443**	1	SEAL-O-RING	
	59	2	**8M-4986**	1	SEAL-O-RING	
	60	2	**8M-5127**	1	SEAL-O-RING	
	61	2	**8M-8157**	1	SEAL-O-RING	
	62	2	**8T-4121**	9	WASHER-HARD (11X21X2.5-MM THK)	
M	63	2	**8T-4136**	2	BOLT (M10X1.5X25-MM)	
M	64	2	**8T-4178**	3	BOLT (M10X1.5X90-MM)	
M	65	1,2	**8T-4183**	24	BOLT (M12X1.75X40-MM)	
M	66	1,2	**8T-4184**	24	BOLT (M12X1.75X45-MM)	
M	67	2	**8T-4195**	7	BOLT (M10X1.5X30-MM)	
	68	1,2	**8T-4223**	61	WASHER-HARD (13.5X25.5X3-MM THK)	
M	69	1	**8T-4244**	2	NUT (M12X1.75-THD)	
M	70	2	**8T-4648**	8	BOLT (M12X1.75X70-MM)	
M	71	2	**8T-4910**	2	BOLT (M12X1.75X60-MM)	
M	72	2	**8T-4956**	1	BOLT (M12X1.75X35-MM)	
M	73	2	**8T-5005**	4	BOLT (M10X1.5X70-MM)	
M	74	2	**8T-5412**	4	BOLT (M12X1.75X140-MM)	
M	75	2	**8T-6868**	2	BOLT (M12X1.75X80-MM)	
M	76	2	**8T-6870**	4	BOLT (M8X1.25X70-MM)	
M	77	2	**8T-7811**	4	BOLT-SOCKET HEAD (M12X1.75X50-MM)	
	78	1,2	**8T-8919**	12	BOLT (1/2-13X1.75-IN)	
	79	2	**6V-0852**	2	CAP-DUST	

I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART
Y - SEPARATE ILLUSTRATION

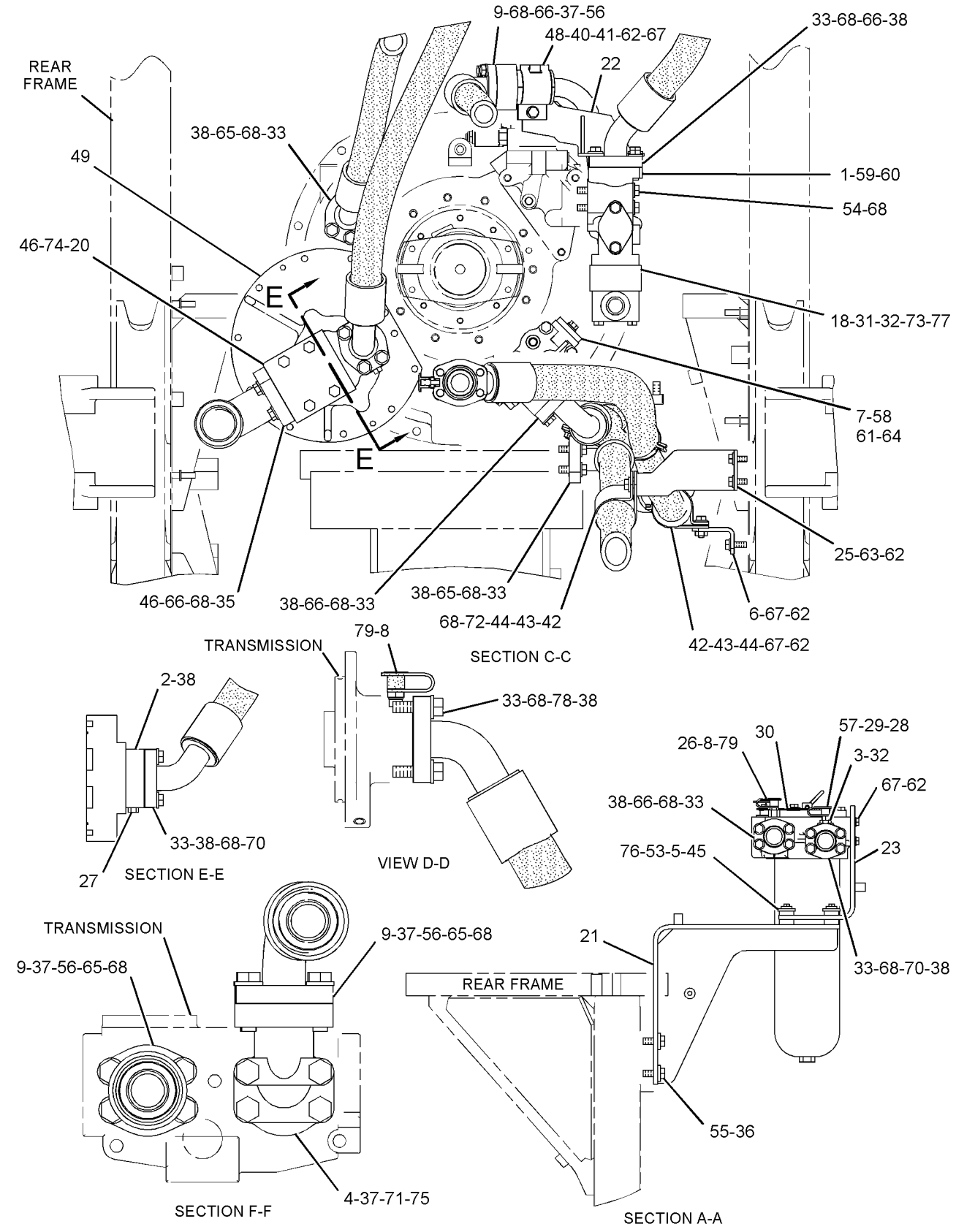
229-7352 **LINES GP-POWER TRAIN OIL** (contd.) **i02505692**





GRAPHIC #1 g01256672

229-7352 **LINES GP-POWER TRAIN OIL (**contd.**)** **i02505692**



GRAPHIC #2 <END> g01256674

229-7352 LINES GP-POWER TRAIN OIL

S/N: BTW206-UP

PART OF 230-3268 POWER TRAIN AR

SMCS-3016 **i04611192**

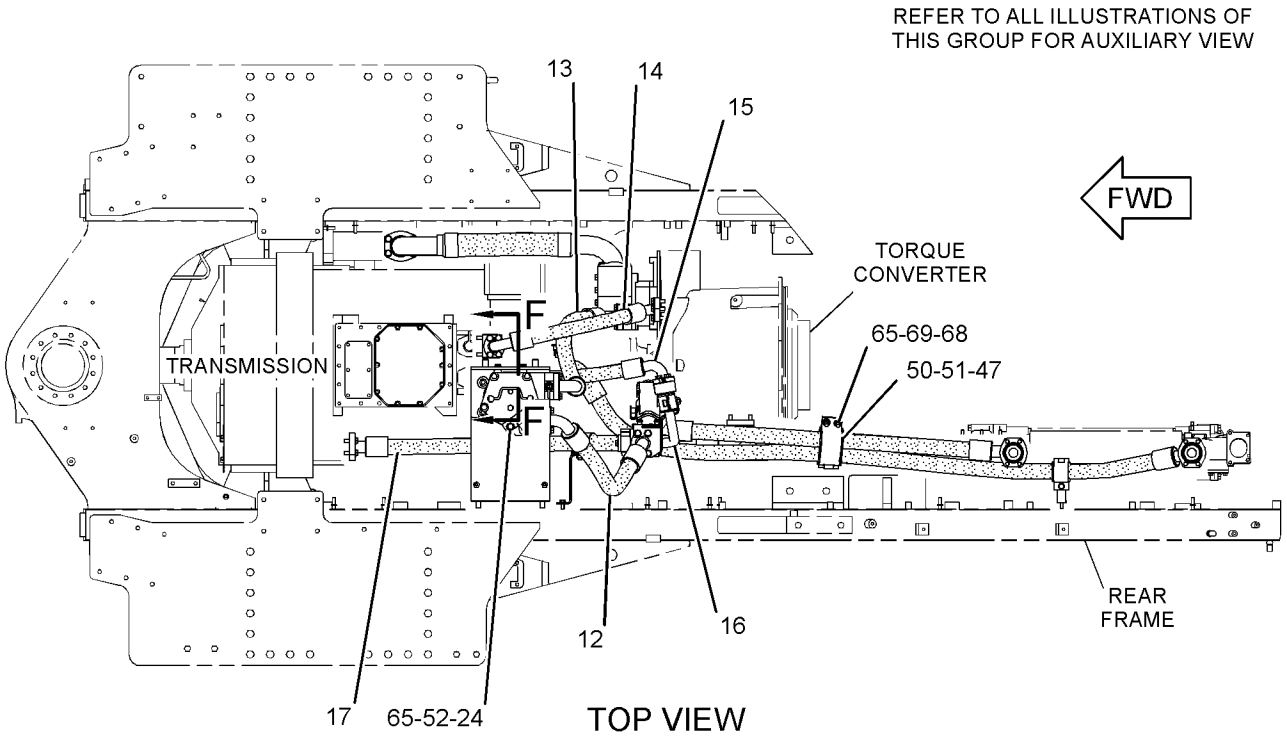
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**6V-0852**	2	CAP-DUST	
	2	2	**8R-0752**	1	ADAPTER	
	3	2	**8X-4660**	1	FLANGE	
	4	2	**8X-4886**	1	ELBOW	
	5	2	**9D-7924**	4	MOUNTING AS	
	6	2	**101-9083**	1	BRACKET AS	
Y	7	2	**104-5013**	1	VALVE GP-RELIEF (TORQUE CONVERTER OUTLET)	792
	8	2	*164-5567*	2	COUPLER AS-QUICK DISCONNECT (MALE)	
					(EACH INCLUDES)	
		2	**6V-3965**	1	FITTING (QUICK DISCONNECT)	
		2	**3J-1907**	1	SEAL-O-RING	
	9	2	**197-3295**	6	FLANGE-HALF	
I	10	1	**234-2827**	1	HOSE AS	
I	11	1	**234-2828**	1	HOSE AS	
I	12	1	**234-2829**	1	HOSE AS	
I	13	1	**234-2830**	1	HOSE AS	
I	14	1	**234-2831**	1	HOSE AS	
I	15	1	**235-1274**	1	HOSE AS	
	16	1	**235-1275**	1	TUBE AS	
I	17	1	**235-1277**	1	HOSE AS	
	18	2	**235-1278**	1	ADAPTER	
I	19	1	**236-4381**	1	HOSE AS	
	20	2	**236-4382**	1	ADAPTER	
	21	2	**236-4383**	1	BRACKET AS	
	22	2	**236-4677**	1	BRACKET AS	
	23	2	**238-4474**	1	BRACKET AS	
	24	1	**267-6645**	1	BRACKET	
	25	2	**274-2347**	1	BRACKET AS	
	26	2	*148-8313*	1	ADAPTER AS	
		2	**5P-6944**	1	ADAPTER	
		2	**3K-0360**	1	SEAL-O-RING	
	27	2	*155-3624*	1	PLUG AS	
		2	**9S-4182**	1	PLUG (7/16-20-THD)	
		2	**3J-7354**	1	SEAL-O-RING	
	28	2	*164-5590*	1	VALVE AS-FLUID SAMPLING	
		2	**8C-3446**	1	VALVE-SAMPLING	
		2	**3J-7354**	1	SEAL-O-RING	
	29	2	*169-7397*	1	ADAPTER AS	
		2	**3P-1932**	1	ADAPTER	
		2	**3K-0360**	1	SEAL-O-RING	
CY	30	2	*353-4675*	1	FILTER GP-OIL (POWER TRAIN)	705
	31	2	**1P-3704**	1	SEAL-RECTANGULAR	
	32	2	**1P-3706**	2	SEAL-RECTANGULAR	
	33	2	**1P-4579**	16	FLANGE-HALF	
	34	1	**1P-4582**	6	FLANGE-HALF	
	35	1,2	**1P-4584**	4	FLANGE-HALF	
	36	2	**3E-9411**	4	WASHER-HARD (17.5X38X6-MM THK)	
	37	2	**4J-0522**	4	SEAL-O-RING	

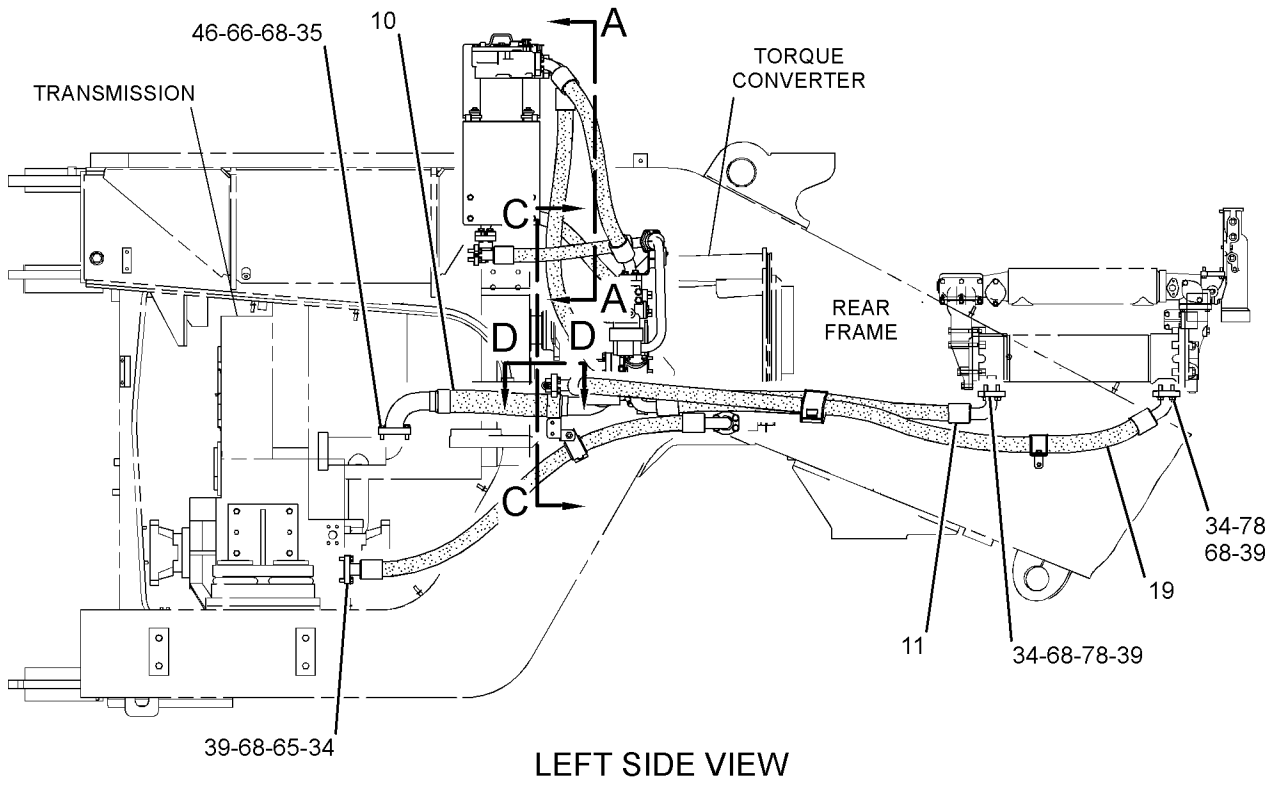
229-7352 **LINES GP-POWER TRAIN OIL (**contd.**)** **i04611192**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	38	2	**4J-0524**	9	SEAL-O-RING	
	39	1	**4J-0527**	3	SEAL-O-RING	
	40	2	**5P-7468**	1	CLIP (SLOT)	
	41	2	**5P-7469**	1	CLIP (TAB)	
	42	2	**5P-7470**	2	CLIP (SLOT)	
	43	2	**5P-7471**	2	CLIP (TAB)	
	44	2	**5P-7703**	2	GROMMET (52-MM ID)	
	45	2	**6E-5102**	4	PLATE	
	46	1,2	**6J-2680**	3	SEAL-O-RING	
	47	1	**6V-1324**	1	GROMMET	
	48	2	**6V-1874**	1	GROMMET (31-MM ID)	
Y	49	2	*6Y-6977*	1	PUMP GP-TRANSMISSION	760
	50	1	**7G-3413**	1	CLIP (SLOT)	
	51	1	**7G-3414**	1	CLIP (TAB)	
	52	1	**7X-0605**	4	WASHER-HARD (13X28X1.6-MM THK)	
	53	2	**7X-0613**	4	WASHER-HARD (8.8X25.5X5-MM THK)	
M	54	2	**7X-2549**	4	BOLT (M12X1.75X100-MM)	
M	55	2	**7X-2553**	4	BOLT (M16X2X40-MM)	
	56	2	**7X-3392**	12	WASHER-HARD (13.5X22.5X3-MM THK)	
	57	2	**8C-3447**	1	CAP-DUST	
	58	2	**8M-4443**	1	SEAL-O-RING	
	59	2	**8M-4986**	1	SEAL-O-RING	
	60	2	**8M-5127**	1	SEAL-O-RING	
	61	2	**8M-8157**	1	SEAL-O-RING	
	62	2	**8T-4121**	9	WASHER-HARD (11X21X2.5-MM THK)	
M	63	2	**8T-4136**	2	BOLT (M10X1.5X25-MM)	
M	64	2	**8T-4178**	3	BOLT (M10X1.5X90-MM)	
M	65	1,2	**8T-4183**	24	BOLT (M12X1.75X40-MM)	
M	66	1,2	**8T-4184**	24	BOLT (M12X1.75X45-MM)	
M	67	2	**8T-4195**	7	BOLT (M10X1.5X30-MM)	
	68	1,2	**8T-4223**	61	WASHER-HARD (13.5X25.5X3-MM THK)	
M	69	1	**8T-4244**	2	NUT (M12X1.75-THD)	
M	70	2	**8T-4648**	8	BOLT (M12X1.75X70-MM)	
M	71	2	**8T-4910**	2	BOLT (M12X1.75X60-MM)	
M	72	2	**8T-4956**	1	BOLT (M12X1.75X35-MM)	
M	73	2	**8T-5005**	4	BOLT (M10X1.5X70-MM)	
M	74	2	**8T-5412**	4	BOLT (M12X1.75X140-MM)	
M	75	2	**8T-6868**	2	BOLT (M12X1.75X80-MM)	
M	76	2	**8T-6870**	4	BOLT (M8X1.25X70-MM)	
M	77	2	**8T-7811**	4	BOLT-SOCKET HEAD (M12X1.75X50-MM)	
	78	1,2	**8T-8919**	12	BOLT (1/2-13X1.75-IN)	
Y	79	2	**8E-8427**	1	VALVE GP-TORQUE CONV PRIORITY	797

C - CHANGE FROM PREVIOUS TYPE
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART
Y - SEPARATE ILLUSTRATION

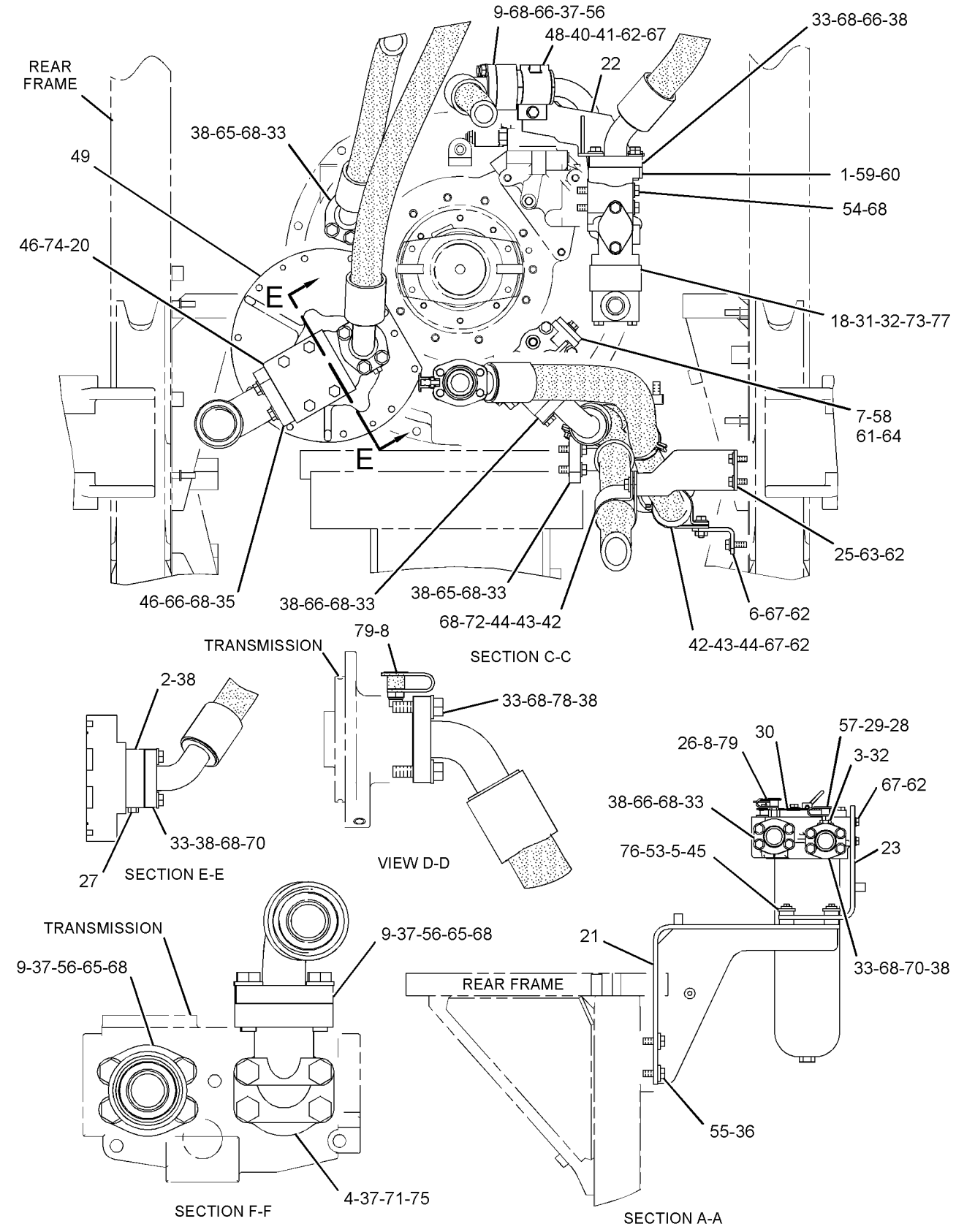
229-7352 **LINES GP-POWER TRAIN OIL** (contd.) **i04611192**





GRAPHIC #1 g01256672

229-7352 **LINES GP-POWER TRAIN OIL (**contd.**)** **i04611192**



GRAPHIC #2 <END> g01256674

257-5613 MANIFOLD GP-CONTROL–AXLE OIL COOLER

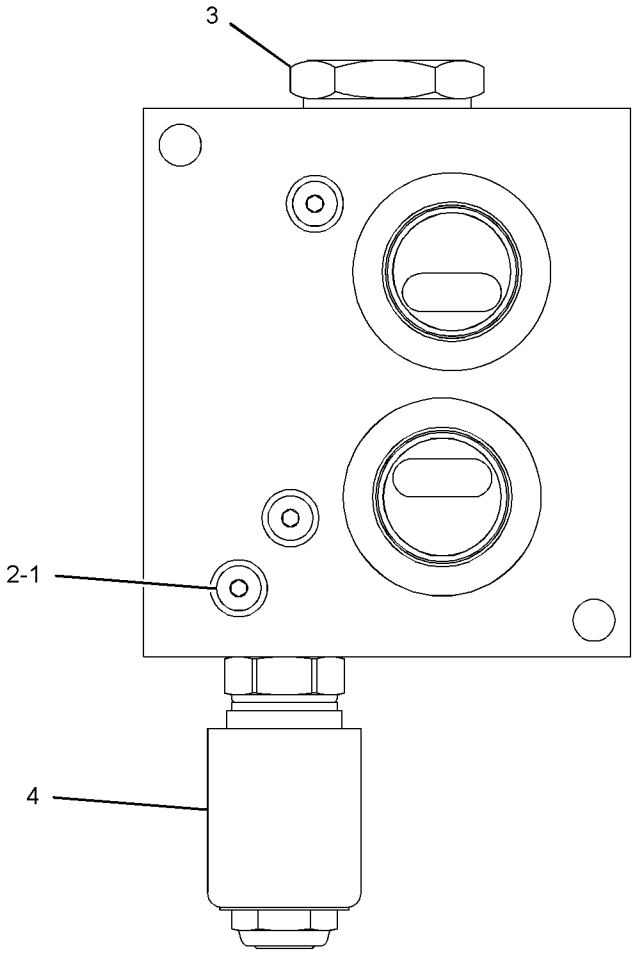
S/N: BTW1-UP
CUSTOM
PART OF 284-8008 LINES GP-AXLE OIL COOLER

SMCS-3206, 3272, 5137

i03669361

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9S-8001**	6	PLUG	
	2	1	**4J-7533**	6	SEAL-O-RING	
J	3	1	**166-8497**	1	VALVE GP-DIVERTER (AXLE COOLER MOTOR PILOT OIL)	
CY	4	1	**329-5064**	1	VALVE GP-SOLENOID (24-VOLT) (AXLE OCLR ACTIVATE, DEACTIVATE)	796
					AVAILABLE REPAIR KIT(S):	
J			**188-6298**	1	KIT-SEAL (DIVERTER VALVE)	
					(INCLUDES RINGS & SEALS)	

C - CHANGE FROM PREVIOUS TYPE
J - KIT MARKED J SERVICES PART(S) MARKED J
Y - SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02124641

417-9250 MOUNTING GP-AXLE

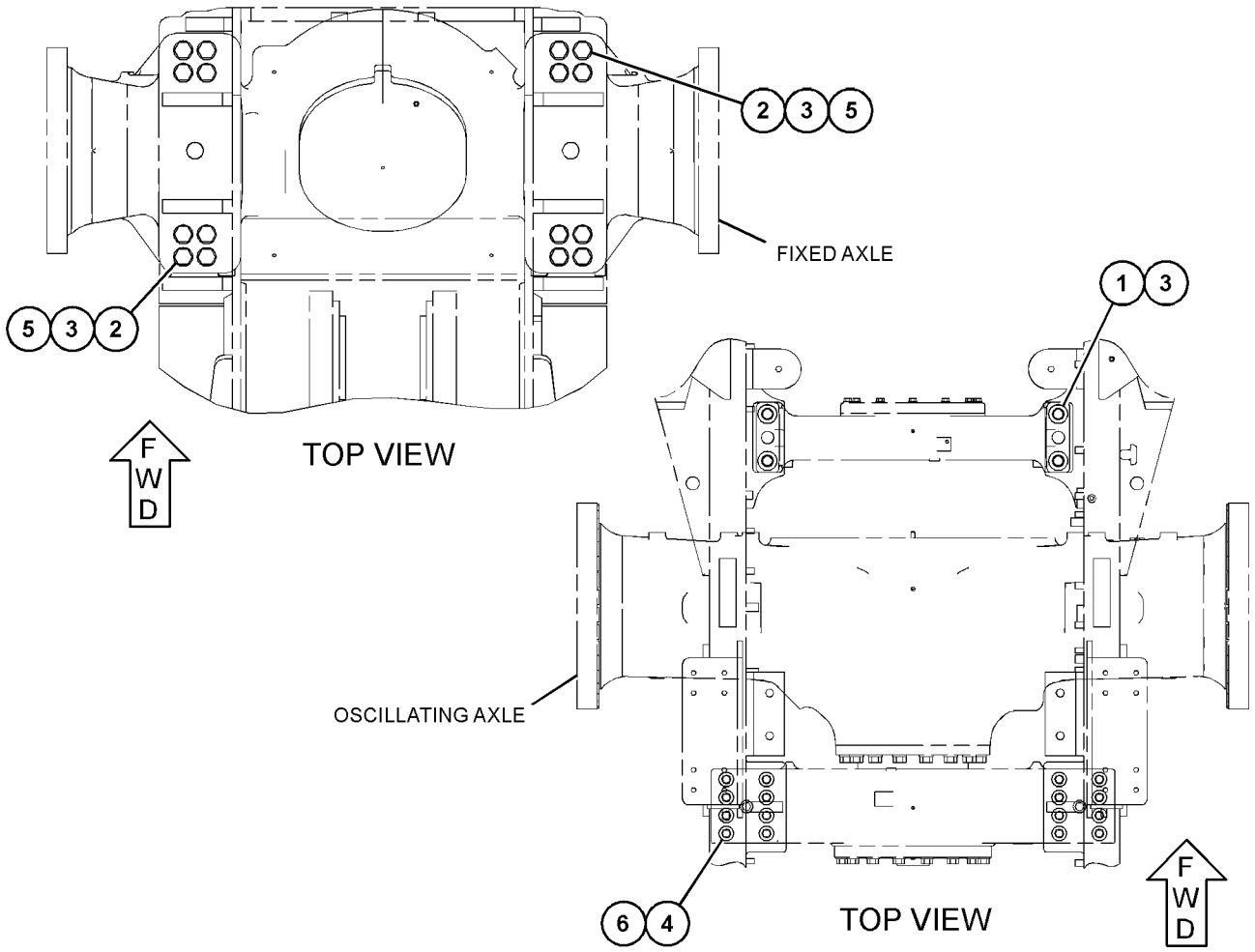
S/N: BTW256-UP

PART OF 230-3268 POWER TRAIN AR

SMCS-3268, 3278 **i05750694**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**108-7931**	4	BOLT (M30X3.5X280-MM)	
M	2	1	**152-1351**	16	BOLT (M30X3.5X420-MM)	
	3	1	**7X-0593**	36	WASHER-HARD (34X57X6-MM THK)	
M	4	1	**8T-0365**	16	BOLT (M24X3X240-MM)	
M	5	1	**8C-8722**	16	NUT (M30X3.5-THD)	
	6	1	**8T-4167**	16	WASHER-HARD (26X44X4-MM THK)	

M - METRIC PART



GRAPHIC #1 <END> g03643076

127-2967 MOUNTING GP-RIM

S/N: BTW1-UP

PART OF 127-2966 RIM AR

SMCS-4202, 4209

i04935356

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	9X-8898	184	BOLT (1-8X5-IN)	
	2J-3507	8	NUT-FULL (1-8-THD)	
	138-8698	8	ROD	
	5P-8250	192	WASHER (28X49X5-MM THK)	

<END>

132-2068 MOUNTING GP-RIM

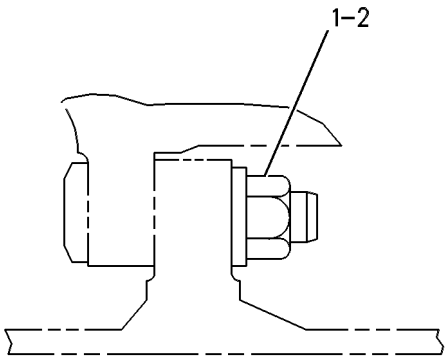
S/N: BTW1-UP

PART OF 132-2067 RIM AR

SMCS-4202, 4209 **i00191292**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6V-8237**	48	WASHER (26X44X4-MM THK)	
M	2	1	**7X-0851**	48	NUT (M24X3-THD)	

M - METRIC PART



GRAPHIC #1 <END> g00122075

239-7154 PLANETARY GP-TRANSMISSION

S/N: MPR1-469

PART OF 239-7153 TRANSMISSION AR

SMCS-3160 **i03553129**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8E-7184**	1	SHAFT AS-INPUT	
		1	**9M-2001**	1	DOWEL	
	2	1	**6Y-7260**	1	SHAFT AS-OUTPUT	
		1	**1T-0766**	2	BUSHING	
		1	**4S-8537**	1	DOWEL	
	3	1	**6Y-7269**	1	HOUSING AS-ROTATION	
		1	**4S-8541**	1	DOWEL	
		1	**6Y-5876**	1	HOUSING-CLUTCH	
		1	**7M-5130**	1	PIN-SPRING	
		1	**7M-8480**	2	DOWEL	
		1	**9G-0647**	1	CARRIER-RING	
	4	1	**6V-6458**	3	RING-RETAINING	
	5	1	**5P-1669**	1	BALL BEARING	
	6	1	**3E-4371**	1	RING-RETAINING	
	7	1	**148-9643**	2	RING-SEAL	
	8	1	**9S-8008**	2	PLUG (1-1/16-12-THD)	
	9	1	**3D-2824**	2	SEAL-O-RING	
	10	1	**8F-6230**	2	SEAL-O-RING	
	11	1	**3P-7570**	1	RING-SEAL	
	12	1	**8P-9569**	1	RING-SEAL	
	13	1	**9S-8010**	1	PLUG	
	14	1	**2S-4078**	1	SEAL-O-RING	
	15	1	**1D-4569**	12	BOLT (1/2-13X4.25-IN)	
	16	1	**1T-0808**	12	WASHER (0.516X0.812X0.09-IN THK)	
	17	1	**278-9838**	1	HOUSING AS-SUPPORT	
		1	**4D-8148**	2	DOWEL	
		1	**8B-6375**	1	DOWEL	
	18	1	**5D-6428**	2	SEAL-O-RING	
	19	1	**6Y-5877**	1	PISTON-CLUTCH	
R	20	1	**3P-7447**	4	PLATE-CLUTCH	
	21	1	**233-9748**	5	DISC-FRICTION	
	22	1	**8P-3133**	1	HUB	
	23	1	**193-8609**	1	CARRIER-PLANETARY	
	24	1	**8P-5839**	1	HOUSING-CLUTCH	
	25	1	**3P-7612**	4	RING-SEAL	
	26	1	**8P-6292**	3	RING-SEAL	
	27	1	**7G-7745**	2	PISTON-CLUTCH	
	28	1	**3P-7575**	1	GEAR-RING (85-TEETH)	
	29	1	**3P-7564**	1	GEAR-SUN (47-TEETH)	
	30	1	**212-5023**	2	BALL BEARING	
	31	1	**3P-7601**	2	PLATE-LOCK	
	32	1	**0S-0509**	4	BOLT (3/8-16X0.75-IN)	
	33	1	**5S-5880**	2	LOCKNUT	
	34	1	**6I-9790**	17	DAMPER-BOLT	
	35	1	**133-3780**	1	HOUSING AS	
		1	**4D-8148**	4	DOWEL	
	36	1	**3P-7586**	1	GEAR-RING (82-TEETH)	

239-7154 **PLANETARY GP-TRANSMISSION (**contd.**)** **i03553129**

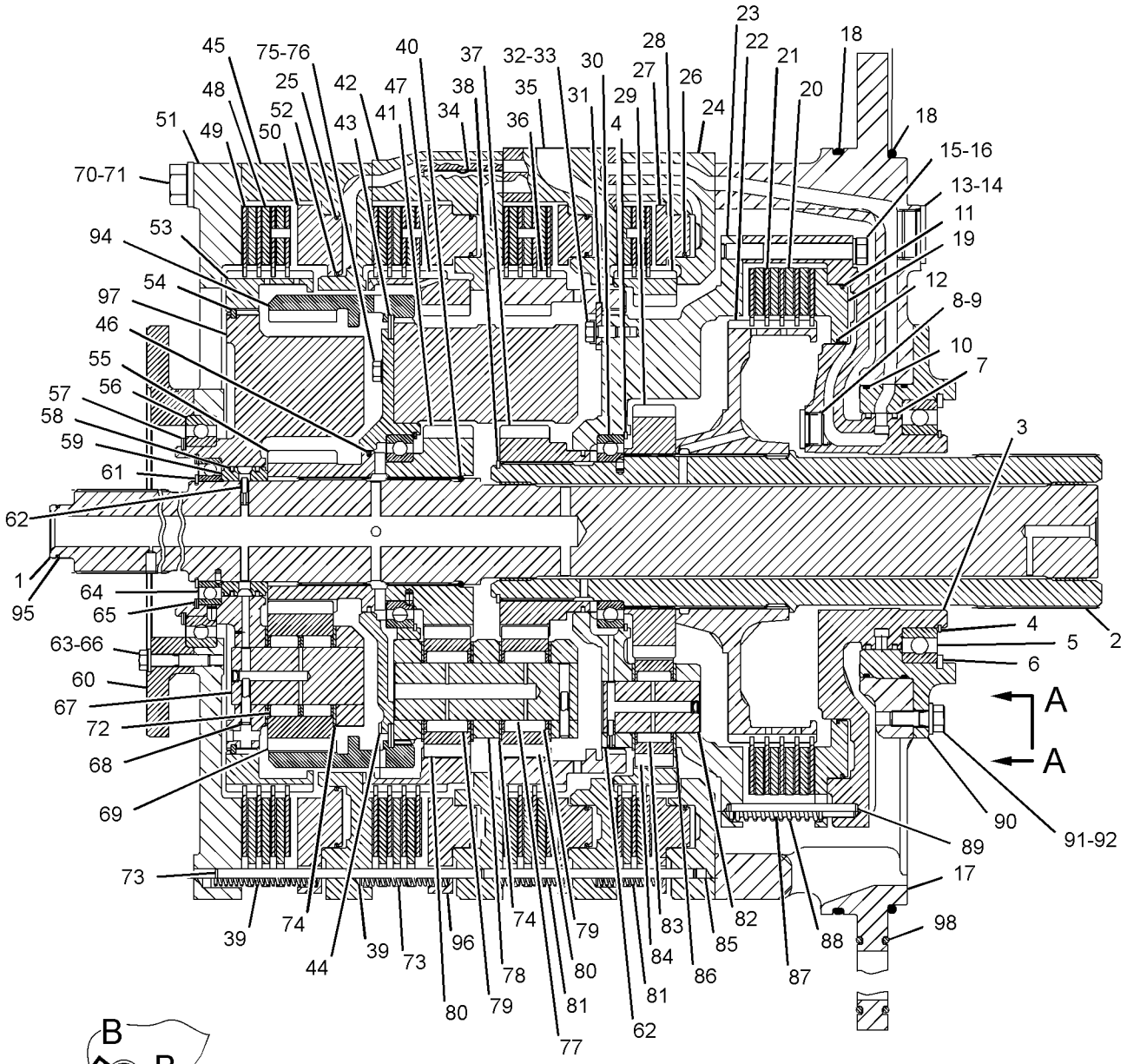
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	37	1	**3P-7563**	1	GEAR-SUN (38-TEETH)	
	38	1	**1N-5410**	1	RING-RETAINING	
	39	1	**4M-5016**	24	SPRING	
	40	1	**4M-1708**	1	RING	
	41	1	**8P-7246**	1	GEAR AS-SUN (38-TEETH)	
		1	**4S-8537**	1	DOWEL	
	42	1	**6T-8755**	1	HOUSING-CLUTCH	
	43	1	**5P-6651**	1	RING-RETAINING	
	44	1	**3P-7149**	1	CAGE-BEARING	
	45	1	**7G-7744**	1	HOUSING AS-CLUTCH	
		1	**4D-8148**	4	DOWEL	
	46	1	**3S-8035**	2	RING-SEAL	
	47	1	**8P-6222**	1	GEAR-RING (82-TEETH)	
R	48	1	**3P-7584**	11	PLATE-CLUTCH	
	49	1	**8E-0985**	15	DISC AS-CLUTCH	
	50	1	**175-2619**	1	PISTON-CLUTCH	
	51	1	**7G-7741**	1	PLATE-END	
	52	1	**3P-7613**	1	RING-SEAL	
	53	1	**115-0762**	1	GEAR-COUPLING	
	54	1	**115-0764**	1	RING-LOCK	
	55	1	**8P-3134**	1	GEAR-SUN (28-TEETH)	
	56	1	**148-6559**	1	BALL BEARING	
	57	1	**5P-6726**	1	RING-RETAINING	
	58	1	**6F-0155**	2	RING-METAL SEAL	
	59	1	**8P-7243**	1	CARRIER-RING	
	60	1	**8P-6302**	1	PILOT-TRANSMISSION	
	61	1	**5P-5296**	1	RING-RETAINING	
	62	1	**3S-2708**	5	PIN-SPRING	
	63	1	**0S-1590**	6	BOLT (3/8-16X2-IN)	
	64	1	**5P-6727**	1	BALL BEARING	
	65	1	**3K-2559**	1	RING-RETAINING	
	66	1	**5M-2894**	6	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	67	1	**8P-7242**	4	SHAFT AS-PLANETARY	
					(EACH INCLUDES)	
		1	**2A-3746**	1	PLUG-CUP	
	68	1	**2H-9445**	8	PIN-SPRING	
	69	1	**7G-3468**	4	GEAR-PLANETARY (26-TEETH)	
	70	1	**2S-0115**	17	WASHER-HARD (20X36.5X5-MM THK)	
	71	1	**5P-1670**	17	BOLT (3/4-10X18.5-IN)	
	72	1	**1S-9110**	8	ROLLER AS	
	73	1	**2S-8924**	12	PIN	
	74	1	**8E-8316**	24	DISC-THRUST	
	75	1	**0S-1594**	8	BOLT (3/8-16X1-IN)	
	76	1	**4M-5397**	4	LOCKNUT	
	77	1	**105-9639**	4	SHAFT-PLANETARY	
	78	1	**105-9788**	1	CARRIER-PLANETARY	
	79	1	**1P-3958**	8	ROLLER AS-SPECIAL	
	80	1	**7G-3470**	8	GEAR-PLANETARY (22-TEETH)	
	81	1	**9H-5537**	24	SPRING	
	82	1	**3P-7558**	4	SHAFT AS-PLANETARY	
					(EACH INCLUDES)	

239-7154 **PLANETARY GP-TRANSMISSION (**contd.**)** **i03553129**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		1	**3S-0036**	1	PLUG-CORE	
	83	1	**5M-7925**	4	BEARING AS-ROLLER	
	84	1	**7G-3467**	4	GEAR-PLANETARY (20-TEETH)	
	85	1	**3P-7576**	6	DOWEL	
	86	1	**8E-8310**	8	DISC-THRUST	
	87	1	**1B-2524**	12	PIN	
	88	1	**3P-7566**	12	SPRING	
	89	1	**3P-7832**	6	DOWEL	
	90	1	**9U-9498**	1	CAGE-BEARING	
	91	1	**7B-3235**	7	BOLT (1/2-13X1.375-IN)	
	92	1	**5P-8245**	7	WASHER-HARD (13.5X25.5X3-MM THK)	
	94	1	**9W-9143**	1	GEAR-COUPLING (80-TEETH)	
	95	1	**7S-7018**	1	RING-SEAL METAL	
	96	1	**175-2618**	1	PISTON-CLUTCH	
	97	1	**115-0761**	1	CARRIER AS	
		1	**4B-9782**	4	BALL	
		1	**4S-8541**	1	DOWEL	
	98	1	**5H-5672**	2	SEAL-O-RING	
	99	1	**3B-8453**	2	SEAL-O-RING	

R - REMANUFACTURED PART MAY BE AVAILABLE

239-7154 **PLANETARY GP-TRANSMISSION** (contd.) **i03553129**



GRAPHIC #1 <END> g01157832

239-7154 PLANETARY GP-TRANSMISSION

S/N: MPR470-UP

PART OF 239-7153 TRANSMISSION AR

SMCS-3160 **i05164672**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8E-7184**	1	SHAFT AS-INPUT	
		1	**9M-2001**	1	DOWEL	
	2	1	**6Y-7260**	1	SHAFT AS-OUTPUT	
		1	**1T-0766**	2	BUSHING	
		1	**4S-8537**	1	DOWEL	
	3	1	**6Y-7269**	1	HOUSING AS-ROTATION	
		1	**4S-8541**	1	DOWEL	
		1	**6Y-5876**	1	HOUSING-CLUTCH	
		1	**7M-5130**	1	PIN-SPRING	
		1	**7M-8480**	2	DOWEL	
		1	**9G-0647**	1	CARRIER-RING	
	4	1	**6V-6458**	3	RING-RETAINING	
	5	1	**5P-1669**	1	BALL BEARING	
	6	1	**3E-4371**	1	RING-RETAINING	
	7	1	**148-9643**	2	RING-SEAL	
	8	1	*315-9859*	2	PLUG AS	
					(EACH INCLUDES)	
		1	**9S-8008**	1	PLUG (1-1/16-12-THD)	
		1	**238-5082**	1	SEAL-O-RING	
	10	1	**8F-6230**	2	SEAL-O-RING	
	11	1	**3P-7570**	1	RING-SEAL	
	12	1	**8P-9569**	1	RING-SEAL	
	13	1	*183-3902*	1	PLUG AS	
		1	**9S-8010**	1	PLUG	
		1	**183-2317**	1	SEAL-O-RING	
	15	1	**1D-4569**	12	BOLT (1/2-13X4.25-IN)	
	16	1	**1T-0808**	12	WASHER (0.516X0.812X0.09-IN THK)	
	17	1	**278-9838**	1	HOUSING AS-SUPPORT	
		1	**4D-8148**	2	DOWEL	
		1	**8B-6375**	1	DOWEL	
	18	1	**5D-6428**	2	SEAL-O-RING	
	19	1	**6Y-5877**	1	PISTON-CLUTCH	
R	20	1	**370-8590**	4	PLATE-CLUTCH	
	21	1	**233-9748**	5	DISC-FRICTION	
	22	1	**8P-3133**	1	HUB	
	23	1	**193-8609**	1	CARRIER-PLANETARY	
	24	1	**8P-5839**	1	HOUSING-CLUTCH	
	25	1	**3P-7612**	4	RING-SEAL	
	26	1	**8P-6292**	3	RING-SEAL	
	27	1	**7G-7745**	2	PISTON-CLUTCH	
	28	1	**3P-7575**	1	GEAR-RING (85-TEETH)	
	29	1	**3P-7564**	1	GEAR-SUN (47-TEETH)	
	30	1	**212-5023**	2	BALL BEARING	
	31	1	**3P-7601**	2	PLATE-LOCK	
	32	1	**0S-0509**	4	BOLT (3/8-16X0.75-IN)	
	33	1	**5S-5880**	2	LOCKNUT	
	34	1	**6I-9790**	17	DAMPER-BOLT	
	35	1	**133-3780**	1	HOUSING AS	

239-7154 **PLANETARY GP-TRANSMISSION (**contd.**)** **i05164672**

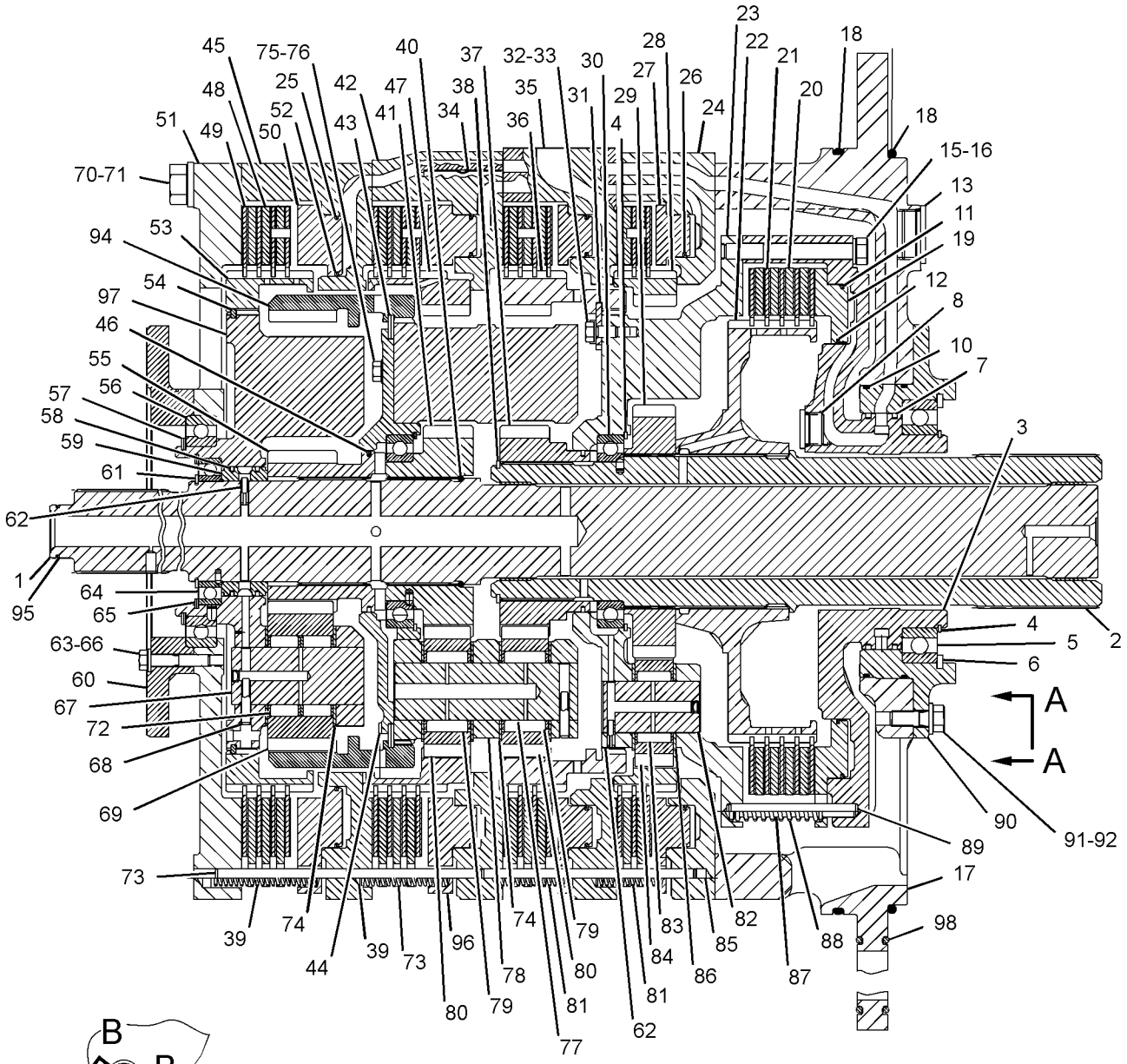
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		1	**4D-8148**	4	DOWEL	
	36	1	**3P-7586**	1	GEAR-RING (82-TEETH)	
	37	1	**3P-7563**	1	GEAR-SUN (38-TEETH)	
	38	1	**1N-5410**	1	RING-RETAINING	
	39	1	**4M-5016**	24	SPRING	
	40	1	**4M-1708**	1	RING	
	41	1	**8P-7246**	1	GEAR AS-SUN (38-TEETH)	
		1	**4S-8537**	1	DOWEL	
	42	1	**6T-8755**	1	HOUSING-CLUTCH	
	43	1	**5P-6651**	1	RING-RETAINING	
	44	1	**3P-7149**	1	CAGE-BEARING	
	45	1	**7G-7744**	1	HOUSING AS-CLUTCH	
		1	**4D-8148**	4	DOWEL	
	46	1	**3S-8035**	2	RING-SEAL	
	47	1	**8P-6222**	1	GEAR-RING (82-TEETH)	
R	48	1	**3P-7584**	11	PLATE-CLUTCH	
	49	1	**8E-0985**	15	DISC AS-CLUTCH	
	50	1	**175-2619**	1	PISTON-CLUTCH	
	51	1	**7G-7741**	1	PLATE-END	
	52	1	**3P-7613**	1	RING-SEAL	
	53	1	**115-0762**	1	GEAR-COUPLING	
	54	1	**115-0764**	1	RING-LOCK	
	55	1	**8P-3134**	1	GEAR-SUN (28-TEETH)	
	56	1	**148-6559**	1	BALL BEARING	
	57	1	**5P-6726**	1	RING-RETAINING	
	58	1	**6F-0155**	2	RING-METAL SEAL	
	59	1	**8P-7243**	1	CARRIER-RING	
	60	1	**8P-6302**	1	PILOT-TRANSMISSION	
	61	1	**5P-5296**	1	RING-RETAINING	
	62	1	**3S-2708**	5	PIN-SPRING	
	63	1	**0S-1590**	6	BOLT (3/8-16X2-IN)	
	64	1	**5P-6727**	1	BALL BEARING	
	65	1	**3K-2559**	1	RING-RETAINING	
	66	1	**5M-2894**	6	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	67	1	**8P-7242**	4	SHAFT AS-PLANETARY	
					(EACH INCLUDES)	
		1	**2A-3746**	1	PLUG-CUP	
	68	1	**2H-9445**	8	PIN-SPRING	
	69	1	**7G-3468**	4	GEAR-PLANETARY (26-TEETH)	
	70	1	**2S-0115**	17	WASHER-HARD (20X36.5X5-MM THK)	
	71	1	**5P-1670**	17	BOLT (3/4-10X18.5-IN)	
	72	1	**1S-9110**	8	ROLLER AS	
	73	1	**2S-8924**	12	PIN	
	74	1	**8E-8316**	24	DISC-THRUST	
	75	1	**0S-1594**	8	BOLT (3/8-16X1-IN)	
	76	1	**4M-5397**	4	LOCKNUT	
	77	1	**105-9639**	4	SHAFT-PLANETARY	
	78	1	**105-9788**	1	CARRIER-PLANETARY	
	79	1	**1P-3958**	8	ROLLER AS-SPECIAL	
	80	1	**7G-3470**	8	GEAR-PLANETARY (22-TEETH)	
	81	1	**9H-5537**	24	SPRING	

239-7154 **PLANETARY GP-TRANSMISSION (**contd.**)** **i05164672**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	82	1	**3P-7558**	4	SHAFT AS-PLANETARY	
					(EACH INCLUDES)	
		1	**3S-0036**	1	PLUG-CORE	
	83	1	**5M-7925**	4	BEARING AS-ROLLER	
	84	1	**7G-3467**	4	GEAR-PLANETARY (20-TEETH)	
	85	1	**3P-7576**	6	DOWEL	
	86	1	**8E-8310**	8	DISC-THRUST	
	87	1	**1B-2524**	12	PIN	
	88	1	**3P-7566**	12	SPRING	
	89	1	**3P-7832**	6	DOWEL	
	90	1	**9U-9498**	1	CAGE-BEARING	
	91	1	**7B-3235**	7	BOLT (1/2-13X1.375-IN)	
	92	1	**5P-8245**	7	WASHER-HARD (13.5X25.5X3-MM THK)	
	94	1	**9W-9143**	1	GEAR-COUPLING (80-TEETH)	
	95	1	**7S-7018**	1	RING-SEAL METAL	
	96	1	**175-2618**	1	PISTON-CLUTCH	
	97	1	**115-0761**	1	CARRIER AS	
		1	**4B-9782**	4	BALL	
		1	**4S-8541**	1	DOWEL	
	98	1	**5H-5672**	2	SEAL-O-RING	
	99	1	**3B-8453**	2	SEAL-O-RING	

R - REMANUFACTURED PART MAY BE AVAILABLE

239-7154 **PLANETARY GP-TRANSMISSION** (contd.) **i05164672**



GRAPHIC #1 <END> g03372802

230-3268 POWER TRAIN AR

S/N: BTW1-UP

PART OF 230-3272 COMMON AR

SMCS-3000, 4000 **i05404325**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*240-5664*	1	AXLE AR-FIXED (FRONT)	657
			S/N: BTW1-210	
Y	*240-5665*	1	AXLE AR-OSCILLATING (REAR)	658
			S/N: BTW1-210	
Y	**170-4618**	1	BRAKE GP-PARKING	964
			S/N: BTW1-177	
Y	**294-7730**	1	BRAKE GP-PARKING	966
			S/N: BTW178-UP	
Y	*229-7353*	1	BREATHER GP-POWER TRAIN	673
Y	*229-7351*	1	FILLER GP-POWER TRAIN OIL	699
Y	*229-7352*	1	LINES GP-POWER TRAIN OIL	739
Y	*417-9250*	1	MOUNTING GP-AXLE	748
			S/N: BTW256-UP	
Y	*8R-5452*	1	SHAFT GP-DRIVE	768
Y	*232-6627*	1	SHAFT GP-INPUT DRIVE	770
Y	*271-0283*	1	TORQUE CONVERTER & HOUSING GP (LOCKUP)	778
YR	*239-7153*	1	TRANSMISSION AR	784

R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

<END>

6Y-6977 PUMP GP-TRANSMISSION

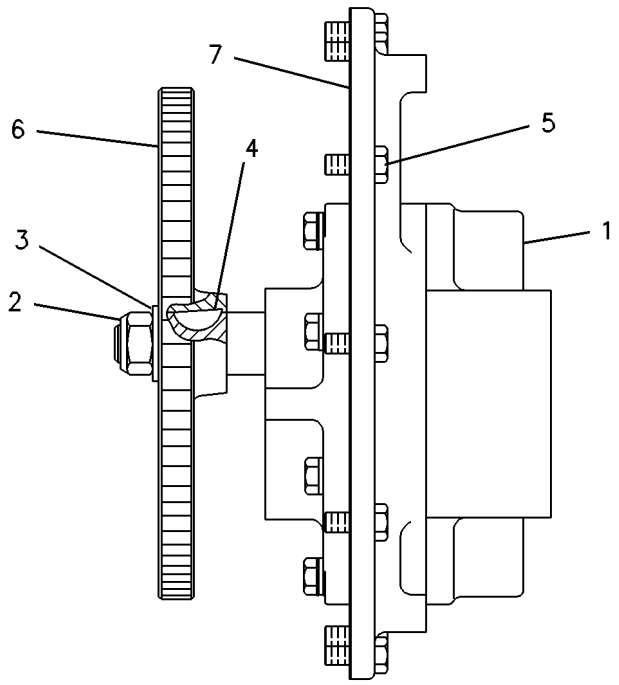
S/N: BTW1-UP

PART OF 229-7352 LINES GP-POWER TRAIN OIL

SMCS-3066 **i00174222**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
YR	1	1	**6Y-6978**	1	PUMP GP-TRANSMISSION	761
	2	1	**2K-0337**	1	LOCKNUT (3/4-16-THD)	
	3	1	**4S-9134**	1	WASHER-HARD (20X30X3-MM THK)	
	4	1	**1B-8714**	1	KEY-WOODRUFF	
M	5	1	**6V-4248**	11	BOLT (M10X1.5X25-MM)	
	6	1	**8E-6502**	1	GEAR-OIL PUMP DRIVE (77-TEETH)	
	7	1	**8E-6503**	1	GASKET	

M - METRIC PART
R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g00119803

6Y-6978 PUMP GP-TRANSMISSION*R

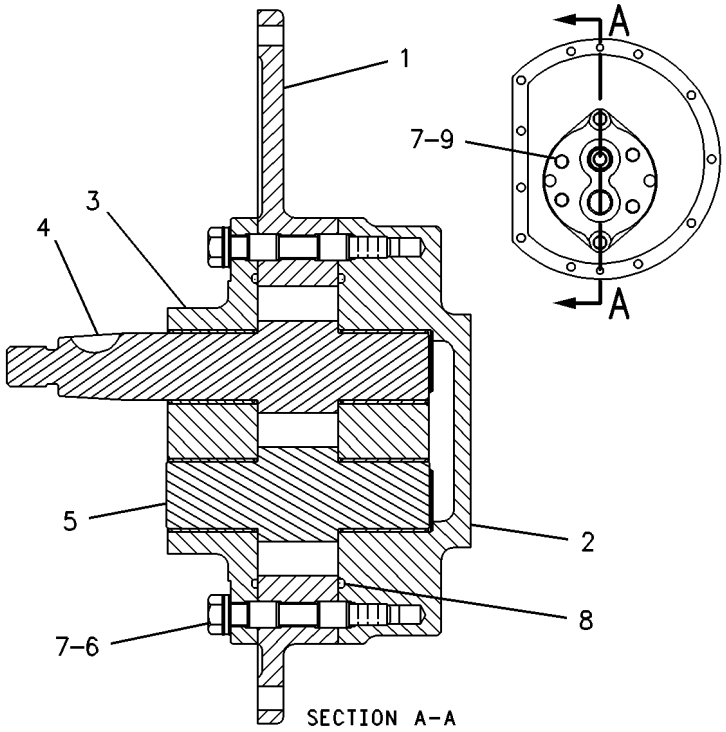
S/N: BTW1-UP

PART OF 6Y-6977 PUMP GP-TRANSMISSION

SMCS-3066 **i02966629**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8E-6494**	1	BODY AS-OIL PUMP	
		1	**8M-8489**	4	DOWEL	
	2	1	**8E-6498**	1	MANIFOLD AS	
		1	**1M-3909**	2	BUSHING	
	3	1	**8E-6496**	1	COVER AS	
		1	**1M-3909**	2	BUSHING	
	4	1	**8E-6500**	1	GEAR AS-OIL PUMP (8-TEETH)	
	5	1	**8E-6501**	1	GEAR AS-OIL PUMP (8-TEETH)	
M	6	1	**8T-0643**	2	BOLT (M10X1.5X80-MM)	
		1	**6Y-5010**	4	WASHER (10.16X19X0.84-MM THK)	
	7	1	**3S-0004**	6	WASHER (0.406X0.728X0.09-IN THK)	
	8	1	**129-1609**	2	SEAL-O-RING	
M	9	1	**6V-7981**	4	BOLT (M10X1.5X70-MM)	

M - METRIC PART



GRAPHIC #1 <END> g00119805

127-2966 RIM AR

S/N: BTW1-UP

PART OF 232-1764 TIRE & RIM AR

SMCS-4209 **i06885340**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*127-2967*	1	MOUNTING GP-RIM	749
Y	*112-5727*	4	RIM GP-DEMOUNTABLE	764

Y - SEPARATE ILLUSTRATION

<END>

132-2067 RIM AR

S/N: BTW1-UP

PART OF 130-5169, 130-5171, 132-2061, 132-2062, 132-2066, 132-4493, 136-4239, 141-4535, 141-4536, 162-8345, 178-8542, 204-3429, 303-6323 TIRE & RIM AR

SMCS-4209 **i02023891**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*132-2068*	4	MOUNTING GP-RIM	750
Y	*133-8375*	4	RIM GP-DEMOUNTABLE	766

Y - SEPARATE ILLUSTRATION

<END>

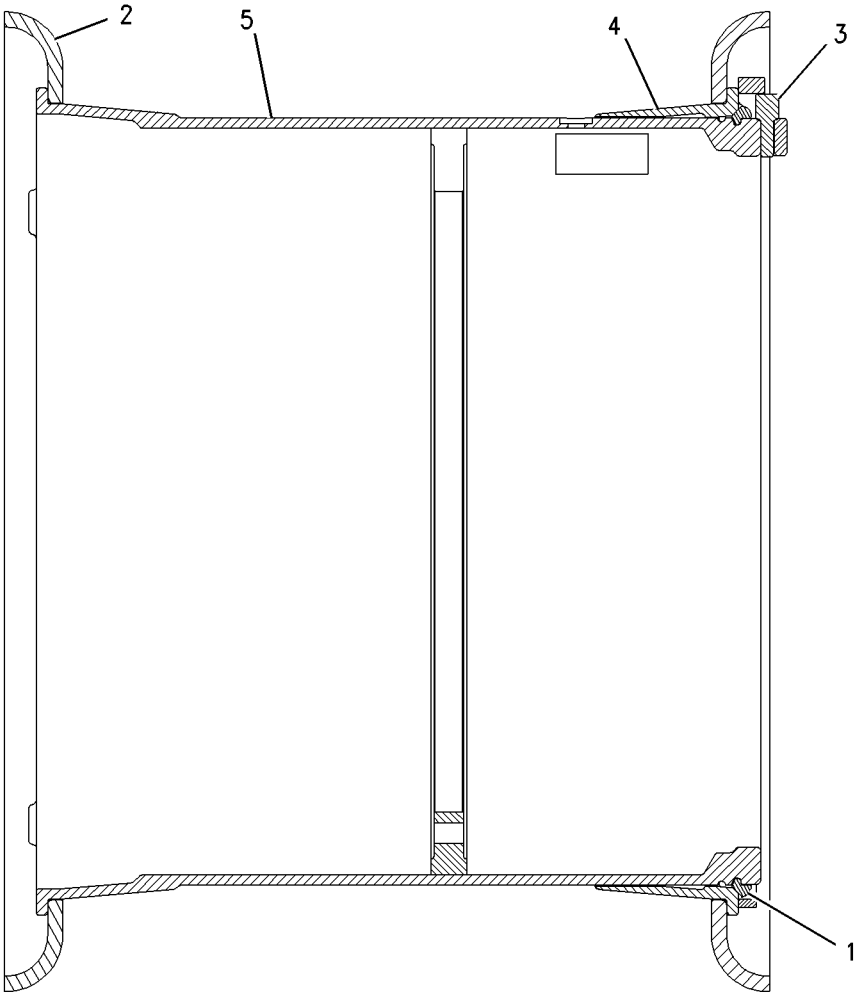
205-0160 RIM GP

S/N: BTW1-UP

PART OF 133-8375 RIM GP-DEMOUNTABLE

SMCS-4209 **i06703390**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**2A-7116**	1	RING-LOCK	
	2	1	**4D-6172**	2	FLANGE	
	3	1	**8X-5271**	1	KEY-DRIVER	
	4	1	**8X-5652**	1	BAND-BEAD SEAT	
	5	1	**9U-4808**	1	RIM AS	



GRAPHIC #1 <END> g00853038

112-5727 RIM GP-DEMOUNTABLE

S/N: BTW1-UP

36X45

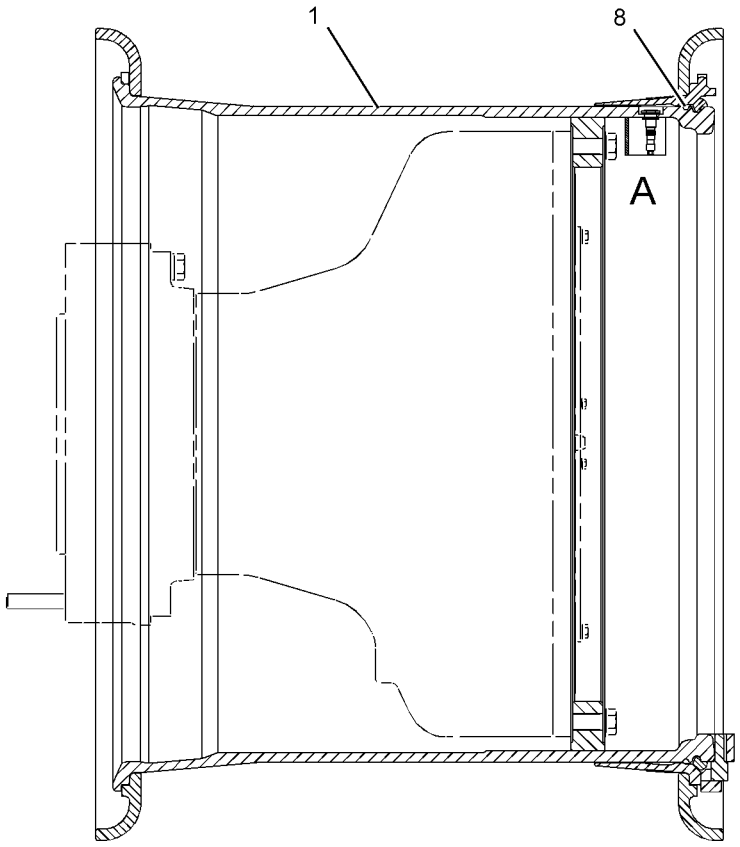
PART OF 127-2966 RIM AR

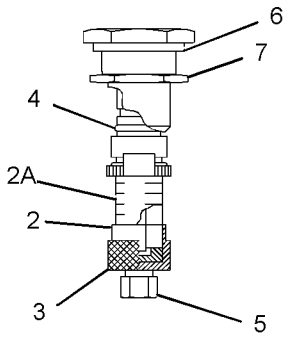
SMCS-4209 **i07181606**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	*205-0162*	1	RIM GP-DEMOUNTABLE	767
	2	1	**5T-9790**	1	VALVE GP-TIRE	
	2A	1	**5T-9797**	1	VALVE GP-TIRE	
	3	1	**6F-3930**	1	CORE-VALVE	
	4	1	**6J-3134**	1	SEAL-O-RING	
	5	1	**9K-7951**	1	CAP-VALVE	
	6	1	**2D-2508**	1	GROMMET	
	7	1	**5T-9866**	1	LOCKNUT (11/16-24-THD)	
	8	1	**3V-2695**	1	SEAL-O-RING	

Y - SEPARATE ILLUSTRATION

112-5727 **RIM GP-DEMOUNTABLE (**contd.**)** **i07181606**





VIEW
OF
AREA
A

GRAPHIC #1 <END> g06244029

133-8375 RIM GP-DEMOUNTABLE

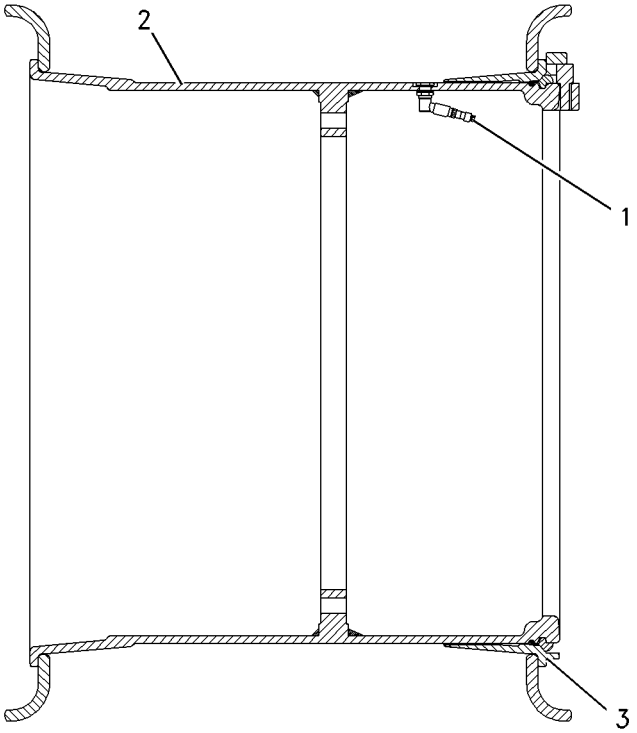
S/N: BTW1-UP

PART OF 132-2067 RIM AR

SMCS-4209 **i01640680**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9U-4537**	1	VALVE GP-TIRE	
Y	2	1	*205-0160*	1	RIM GP	763
	3	1	**3D-1964**	1	SEAL-O-RING	

Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g00849369

205-0162 RIM GP-DEMOUNTABLE

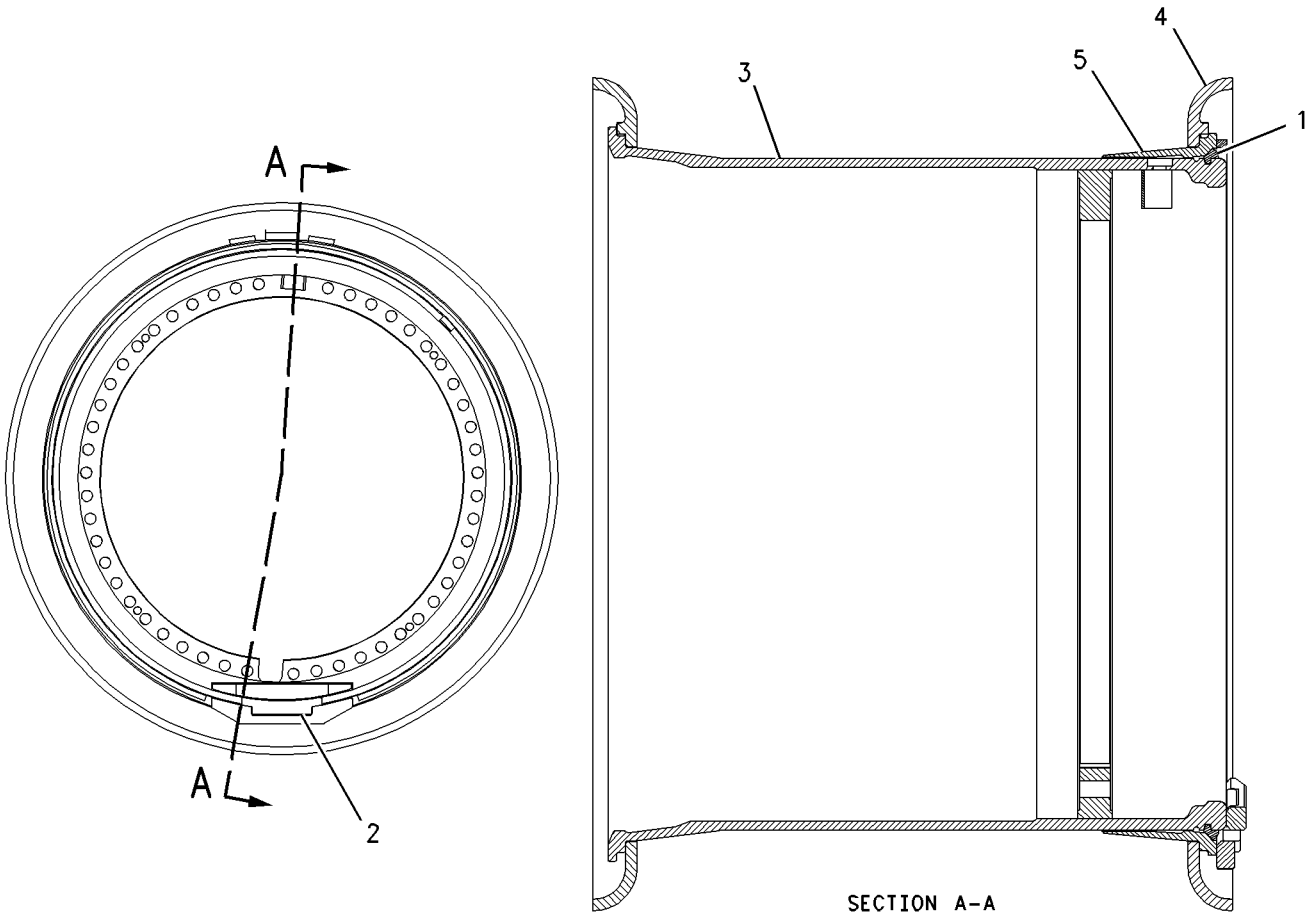
S/N: BTW1-UP

36X45

PART OF 112-5727 RIM GP-DEMOUNTABLE

SMCS-4209 **i01649872**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8X-1091**	1	RING-LOCK	
	2	1	**8X-5271**	1	KEY-DRIVER	
	3	1	**112-5728**	1	RIM AS	
	4	1	**125-9530**	2	FLANGE	
	5	1	**190-6404**	1	BAND-BEAD SEAT	



GRAPHIC #1 <END> g00858330

8R-5452 SHAFT GP-DRIVE

S/N: BTW1-UP

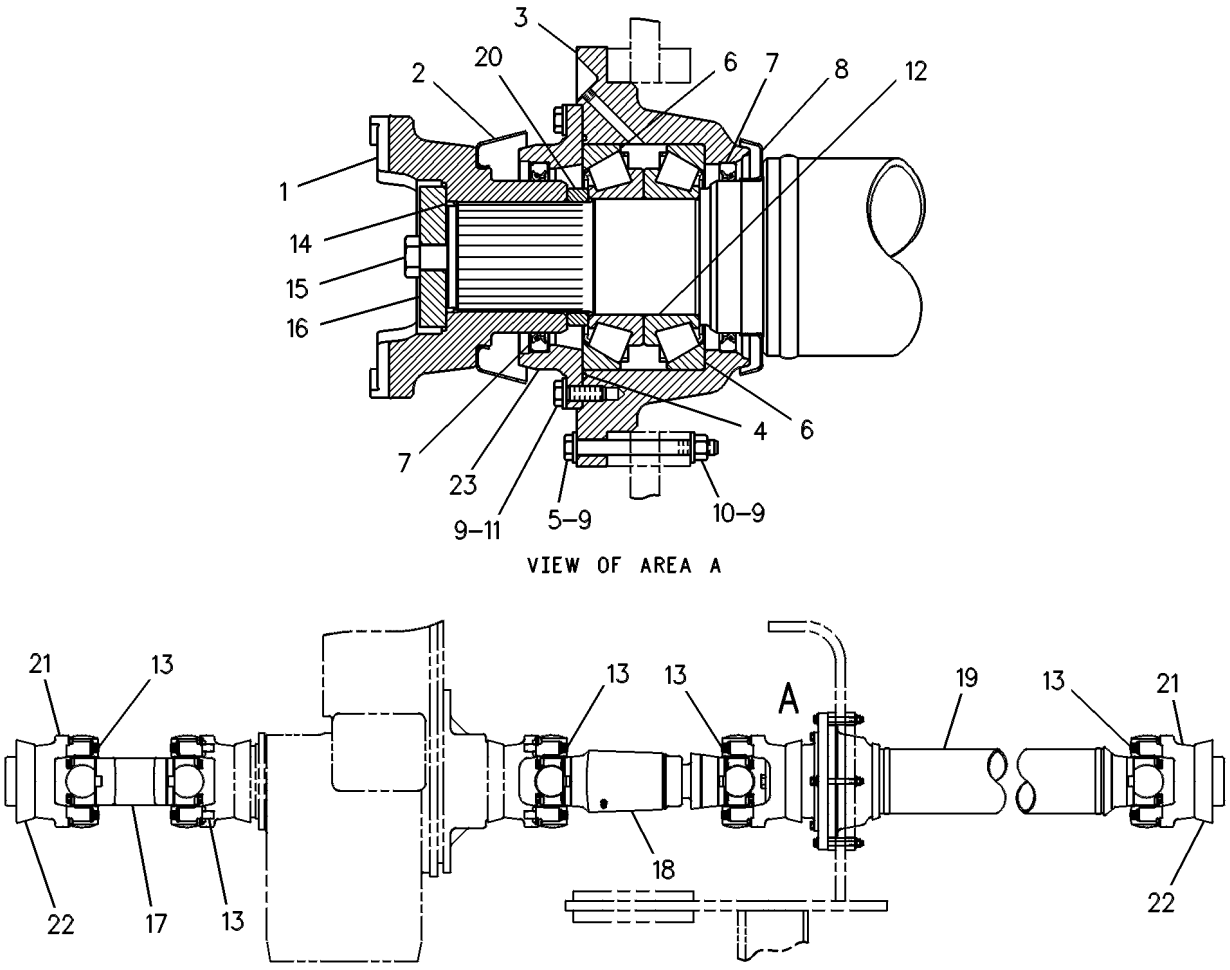
PART OF 230-3268 POWER TRAIN AR

SMCS-3253 **i02485675**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-2402**	1	YOKE AS	
	2	1	**4E-4887**	1	GUARD	
	3	1	**4E-4377**	1	CAGE-BEARING	
	4	1	**1H-8278**	1	SEAL-O-RING	
M	5	1	**6V-8004**	6	BOLT (M12X1.75X120-MM)	
	6	1	**5P-3087**	2	CUP-BEARING	
	7	1	**6K-2430**	2	SEAL-LIP TYPE	
	8	1	**2V-2072**	1	GUARD	
	9	1	**5P-8245**	18	WASHER-HARD (13.5X25.5X3-MM THK)	
M	10	1	**6V-8149**	6	NUT (M12X1.75-THD)	
M	11	1	**6V-8675**	6	BOLT (M12X1.75X35-MM)	
	12	1	**5P-3088**	2	CONE-BEARING	
M	13	1	**9X-6480**	20	BOLT (M20X2.5X90-MM)	
	14	1	**4L-9564**	1	SEAL-O-RING	
M	15	1	**112-3927**	1	BOLT (M20X2.5X90-MM)	
	16	1	**8R-8513**	1	RETAINER	
Y	17	1	**9U-4985**	1	UNIVERSAL JOINT GP	786
CY	18	1	**168-1914**	1	SLIP JOINT GP	771
Y	19	1	**9U-4983**	1	UNIVERSAL JOINT GP	785
	20	1	**2V-2077**	1	SPACER	
	21	1	**129-4649**	2	YOKE AS	
					(EACH INCLUDES)	
		1	**2J-8163**	1	SEAL-O-RING	
		1	**132-0348**	1	CUP-DUST	
		1	**132-1183**	1	RING-RETAINING	
	22	1	**9U-4986**	1	GUARD	
	23	1	**1V-0061**	1	RETAINER-BEARING	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
Y - SEPARATE ILLUSTRATION

8R-5452 **SHAFT GP-DRIVE (**contd.**)** **i02485675**



GRAPHIC #1 <END> g00120673

232-6627 SHAFT GP-INPUT DRIVE

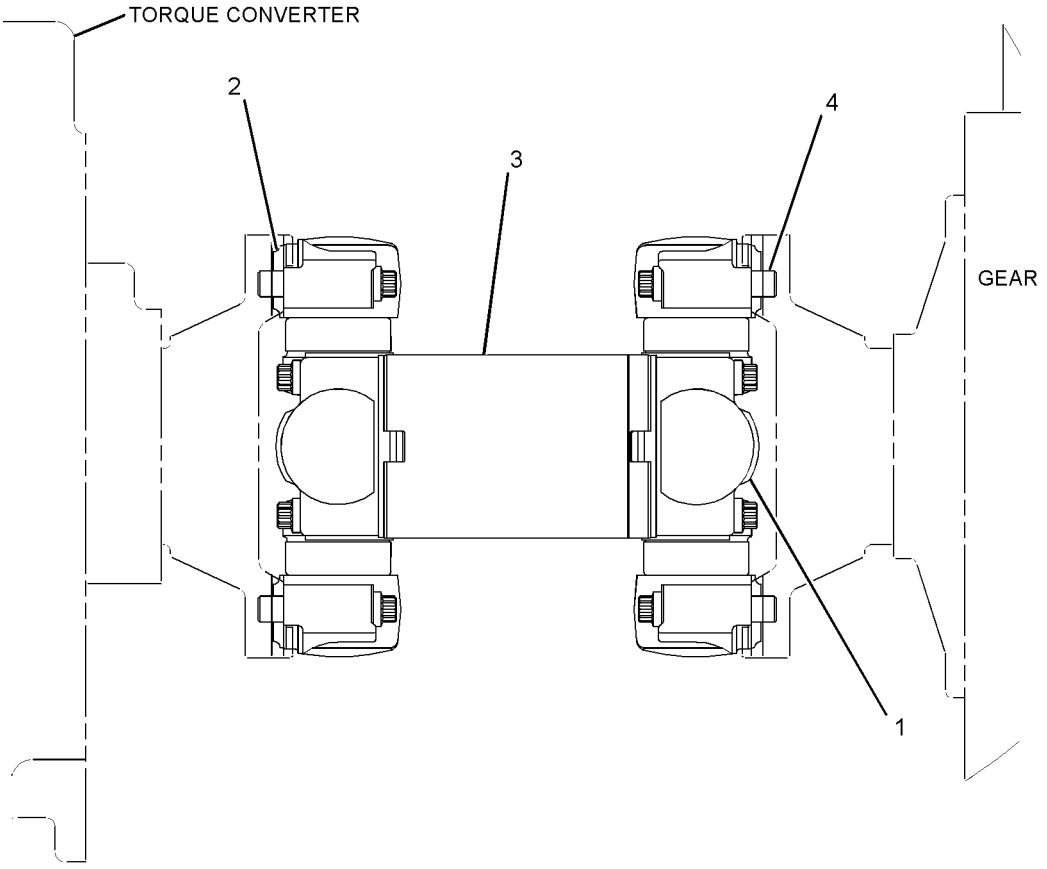
S/N: BTW1-UP

PART OF 230-3268 POWER TRAIN AR

SMCS-3253 **i02028277**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**232-6628**	1	UNIVERSAL JOINT GP	
	2	1	**173-0888**	2	UNIVERSAL JOINT GP-ROTOR DRIVE	
	3	1	**232-6629**	1	YOKE	
M	4	1	**234-6681**	8	BOLT-12 POINT HEAD (M12X1.75X60-MM)	

M - METRIC PART



GRAPHIC #1 <END> g01046524

168-1914 SLIP JOINT GP

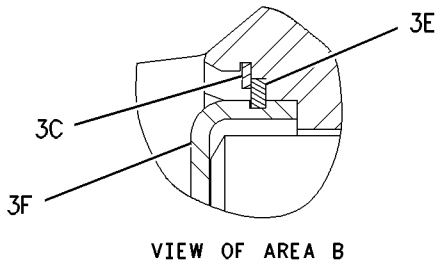
S/N: BTW1-UP

PART OF 8R-5452 SHAFT GP-DRIVE

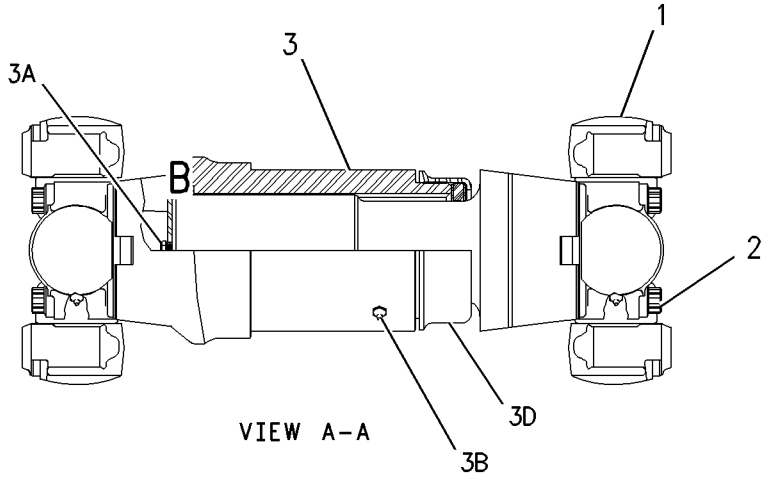
SMCS-3251 **i06882710**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-3462**	2	SPIDER & BEARING GP	
M	2	1	**9X-6480**	8	BOLT (M20X2.5X90-MM)	
	3	1	**139-0022**	1	SHAFT AS	
	3A	1	**1K-6853**	1	FITTING-PRESSURE RELIEF	
	3B	1	**3B-8489**	1	FITTING-GREASE (1/8-27 PTF)	
	3C	1	**5P-6414**	1	RING-RETAINING	
	3D	1	**5T-9482**	1	KIT-SEAL	
	3E	1	**132-1183**	1	RING-RETAINING	
	3F	1	**168-1917**	1	CUP-DUST	

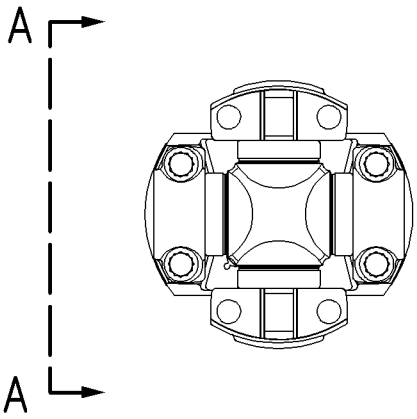
M - METRIC PART



VIEW OF AREA B



VIEW A-A



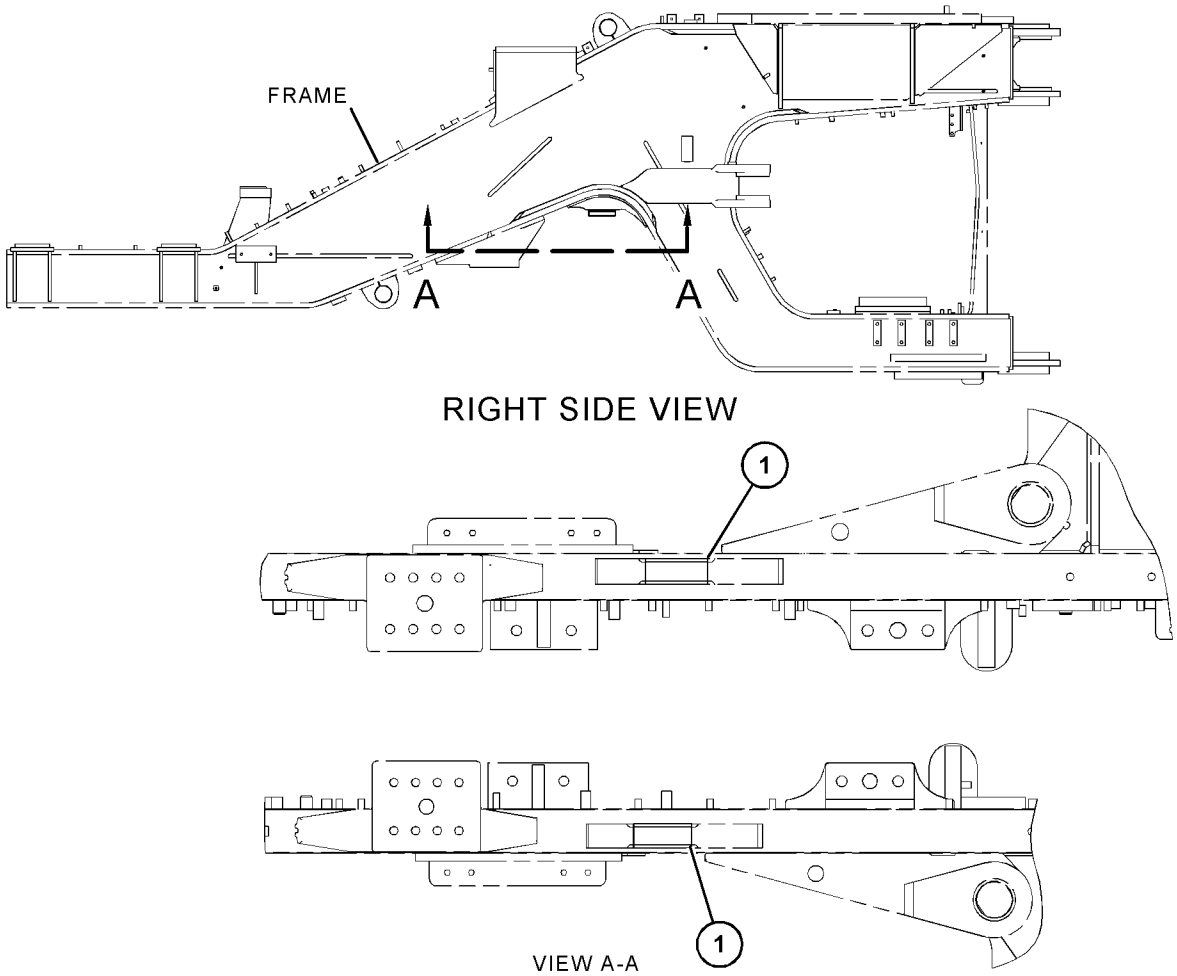
GRAPHIC #1 <END> g00985195

386-8298 STOP GP-AXLE OSCILLATION

S/N: BTW1-UP

SMCS-3259 **i05751982**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**391-2885**	2	BLOCK-STOP	



GRAPHIC #1 <END> g03655924

240-0330 SUPPORT GP-TRANSMISSION

S/N: BTW1-UP

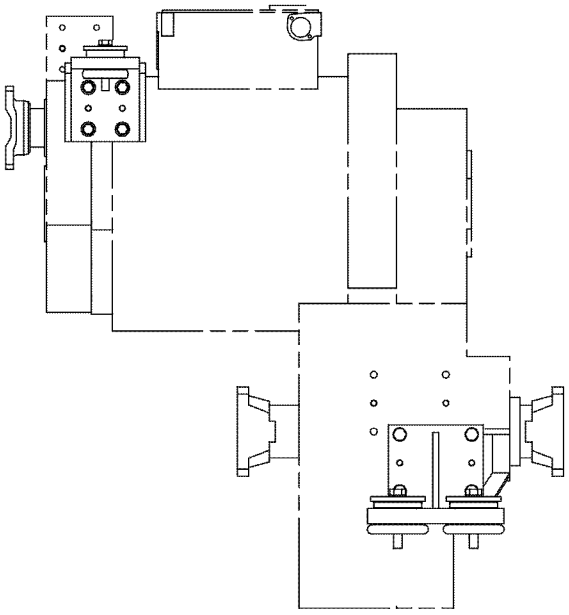
PART OF 230-3275 CHASSIS AR

SMCS-3082 **i02023855**

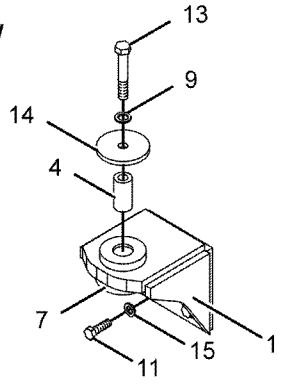
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-9711**	2	BRACKET AS-MOUNTING	
					(EACH INCLUDES)	
		1	**1S-9292**	2	DOWEL	
	2	1	**4E-9716**	2	BRACKET AS-MOUNTING	
					(EACH INCLUDES)	
		1	**1S-9292**	2	DOWEL	
	3	1	**6Y-9980**	4	MOUNT AS	
					(EACH INCLUDES)	
		1	**9W-8095**	1	PAD-REBOUND	
		1	**9W-9958**	1	MOUNT	
	4	1	**9W-6582**	2	SLEEVE	
	5	1	**9W-7385**	4	SLEEVE	
	6	1	**9W-7388**	4	WASHER (26X144X12-MM THK)	
	7	1	**9W-9930**	2	MOUNT AS	
M	8	1	**7X-2563**	8	BOLT (M20X2.5X60-MM)	
	9	1	**8T-4123**	10	WASHER (3.62X5.75X0.375-MM THK)	
	10	1	**8T-4167**	4	WASHER-HARD (26X44X4-MM THK)	
M	11	1	**8T-4193**	8	BOLT (M16X2X50-MM)	
M	12	1	**8T-4649**	4	BOLT (M24X3X140-MM)	
M	13	1	**8T-6381**	2	BOLT (M20X2.5X120-MM)	
	14	1	**9W-6584**	2	WASHER (20.5X114X10-MM THK)	
	15	1	**9X-8257**	8	WASHER (17.5X30X3.5-MM THK)	

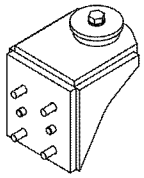
M - METRIC PART

240-0330 **SUPPORT GP-TRANSMISSION (**contd.**)** **i02023855**

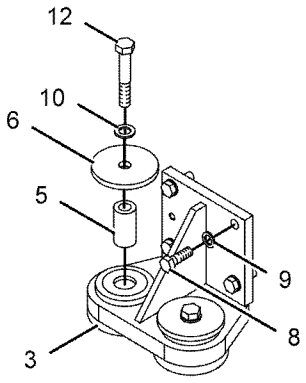


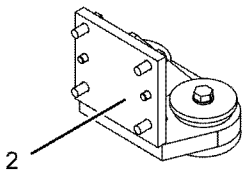
RIGHT SIDE VIEW











GRAPHIC #1 <END> g01046966

130-5169 TIRE & RIM AR

S/N: BTW1-UP

SMCS-4202 **i02476450**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*132-2067*	1	RIM AR	762
	245-9748	2	BLOCK-AXLE OSC LIMITER	
M	**8T-4194**	6	BOLT (M12X1.75X50-MM)	
	130-5170	4	TIRE (65-R39)	
	8T-4223	6	WASHER-HARD (13.5X25.5X3-MM THK)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION

<END>

130-5171 TIRE & RIM AR

S/N: BTW1-UP

SMCS-4202 **i02476451**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*132-2067*	1	RIM AR	762
	245-9748	2	BLOCK-AXLE OSC LIMITER	
M	**8T-4194**	6	BOLT (M12X1.75X50-MM)	
	130-5172	4	TIRE (65-R39)	
	8T-4223	6	WASHER-HARD (13.5X25.5X3-MM THK)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION

<END>

132-2061 TIRE & RIM AR

S/N: BTW1-UP

SMCS-4202 **i01170662**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*132-2067*	1	RIM AR	762

Y - SEPARATE ILLUSTRATION

<END>

132-2062 TIRE & RIM AR

S/N: BTW1-UP

SMCS-4202 **i01170673**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*132-2067*	1	RIM AR	762

Y - SEPARATE ILLUSTRATION

<END>

132-2066 TIRE & RIM AR

S/N: BTW1-UP

SMCS-4202 **i02476448**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*132-2067*	1	RIM AR	762
	245-9748	2	BLOCK-AXLE OSC LIMITER	
M	**8T-4194**	6	BOLT (M12X1.75X50-MM)	
	4E-9780	4	TIRE (65-R39)	
	8T-4223	6	WASHER-HARD (13.5X25.5X3-MM THK)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION

<END>

132-4493 TIRE & RIM AR

S/N: BTW1-UP
41.25/70-39 42 PR L-5

SMCS-4202 **i02023908**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*132-2067*	1	RIM AR	762

Y - SEPARATE ILLUSTRATION

<END>

136-4239 TIRE & RIM AR

S/N: BTW1-UP
41.25/70-39 42 PR L-5S

SMCS-4202 **i02023934**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*132-2067*	1	RIM AR	762

Y - SEPARATE ILLUSTRATION

<END>

141-4535 TIRE & RIM AR

S/N: BTW1-UP

SMCS-4202 **i02024061**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*132-2067*	1	RIM AR	762

Y - SEPARATE ILLUSTRATION

<END>

141-4536 TIRE & RIM AR

S/N: BTW1-UP

SMCS-4202 **i02024554**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*132-2067*	1	RIM AR	762

Y - SEPARATE ILLUSTRATION

<END>

162-8345 TIRE & RIM AR

S/N: BTW1-UP

41.25/70-39 34 PR L-5

SMCS-4202 **i01646294**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*132-2067*	1	RIM AR	762
Y - SEPARATE ILLUSTRATION				

<END>

178-8542 TIRE & RIM AR

S/N: BTW1-UP

SMCS-4202 **i05395137**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*132-2067*	1	RIM AR	762
	178-8541	4	TIRE (65-R39)	
Y - SEPARATE ILLUSTRATION				

<END>

204-3429 TIRE & RIM AR

S/N: BTW1-UP

41.25/70-39 42 PR L-5

SMCS-4202 **i02024751**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*132-2067*	1	RIM AR	762
Y - SEPARATE ILLUSTRATION				

<END>

232-1764 TIRE & RIM AR

S/N: BTW1-UP

45/65R39 * L-5

SMCS-4202 **i01942575**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*127-2966*	1	RIM AR	762
Y - SEPARATE ILLUSTRATION				

<END>

303-6323 TIRE & RIM AR

S/N: BTW1-UP

SMCS-4202 **i02650465**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*132-2067*	1	RIM AR	762
	303-6324	4	TIRE (41.25/70-39)	
Y - SEPARATE ILLUSTRATION				

<END>

271-0283 TORQUE CONVERTER & HOUSING GP

S/N: BTW1-UP

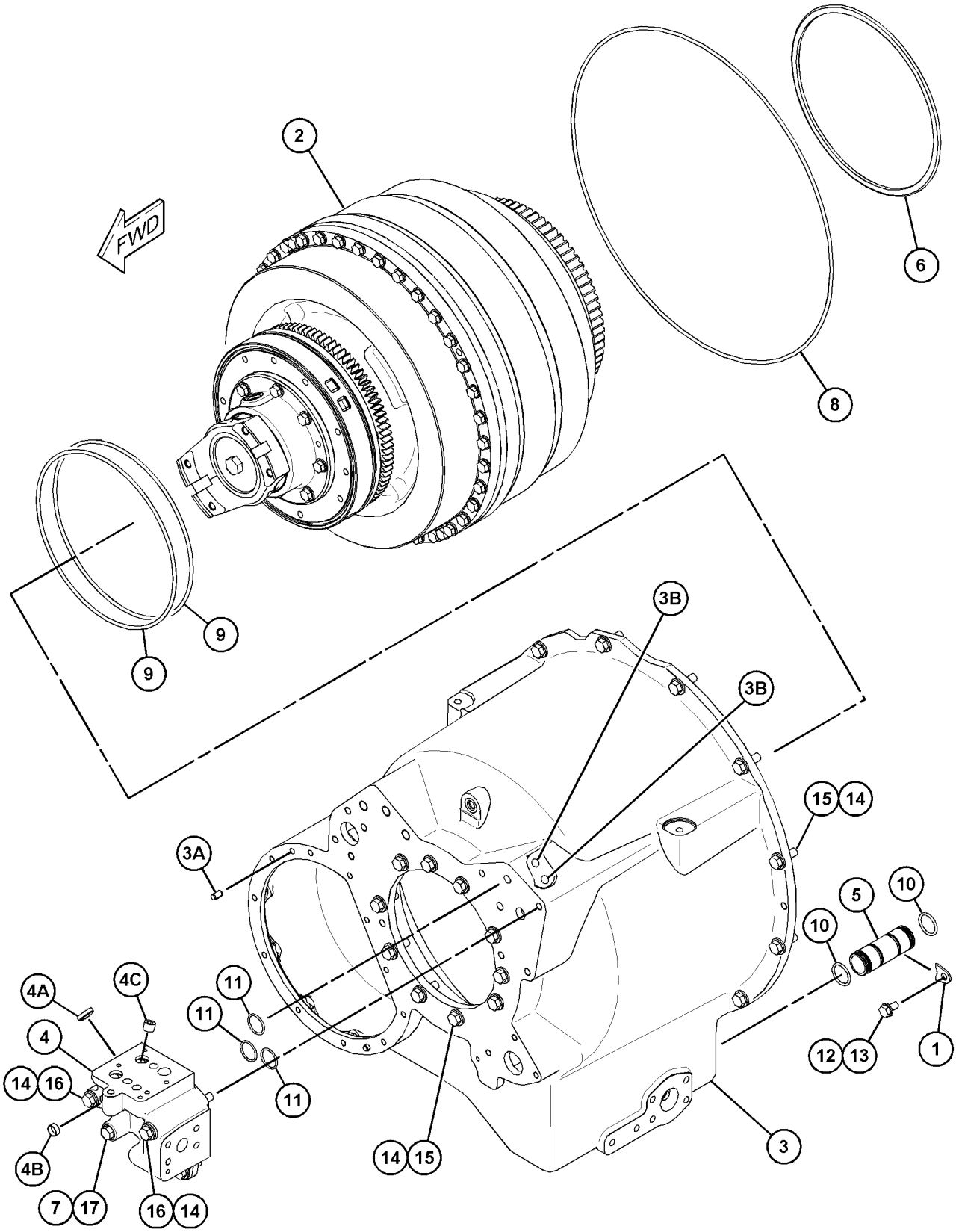
PART OF 230-3268 POWER TRAIN AR

SMCS-3101, 3105 **i05350591**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6P-8339**	1	LOCK	
YR	2	1	**6Y-3888**	1	TORQUE CONVERTER GP (LOCKUP)	780
	3	1	**398-0700**	1	HOUSING AS	
	3A	1	**1F-1006**	2	DOWEL	
	3B	1	**4B-9784**	2	BALL	
	4	1	**194-6254**	1	MANIFOLD AS	
	4A	1	**4K-8603**	1	PLUG-CUP	
	4B	1	**7M-5839**	1	PLUG-CUP	
	4C	1	**194-8516**	1	PLUG-PIPE	
	5	1	**270-7609**	1	SLEEVE	
	6	1	**1T-1639**	1	RING	
	7	1	**3J-1907**	1	SEAL-O-RING	
	8	1	**4H-6730**	1	SEAL-O-RING	
	9	1	**6V-5554**	2	SEAL-O-RING	
	10	1	**8M-4433**	2	SEAL-O-RING	
	11	1	**8M-8514**	3	SEAL-O-RING	
	12	1	**8T-4121**	1	WASHER-HARD (11X21X2.5-MM THK)	
M	13	1	**8T-4137**	1	BOLT (M10X1.5X20-MM)	
	14	1	**8T-4223**	24	WASHER-HARD (13.5X25.5X3-MM THK)	
M	15	1	**8T-4956**	22	BOLT (M12X1.75X35-MM)	
M	16	1	**8T-5001**	2	BOLT (M12X1.75X130-MM)	
	17	1	**9S-4191**	1	PLUG (9/16-18-THD)	

M - METRIC PART
R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

271-0283 **TORQUE CONVERTER & HOUSING GP** (contd.) **i05350591**



GRAPHIC #1 <END> g03692905

6Y-3888 TORQUE CONVERTER GP—LOCKUP*R

S/N: 2JT1-UP

PART OF 271-0283 TORQUE CONVERTER & HOUSING GP

SMCS-3101 **i03907945**

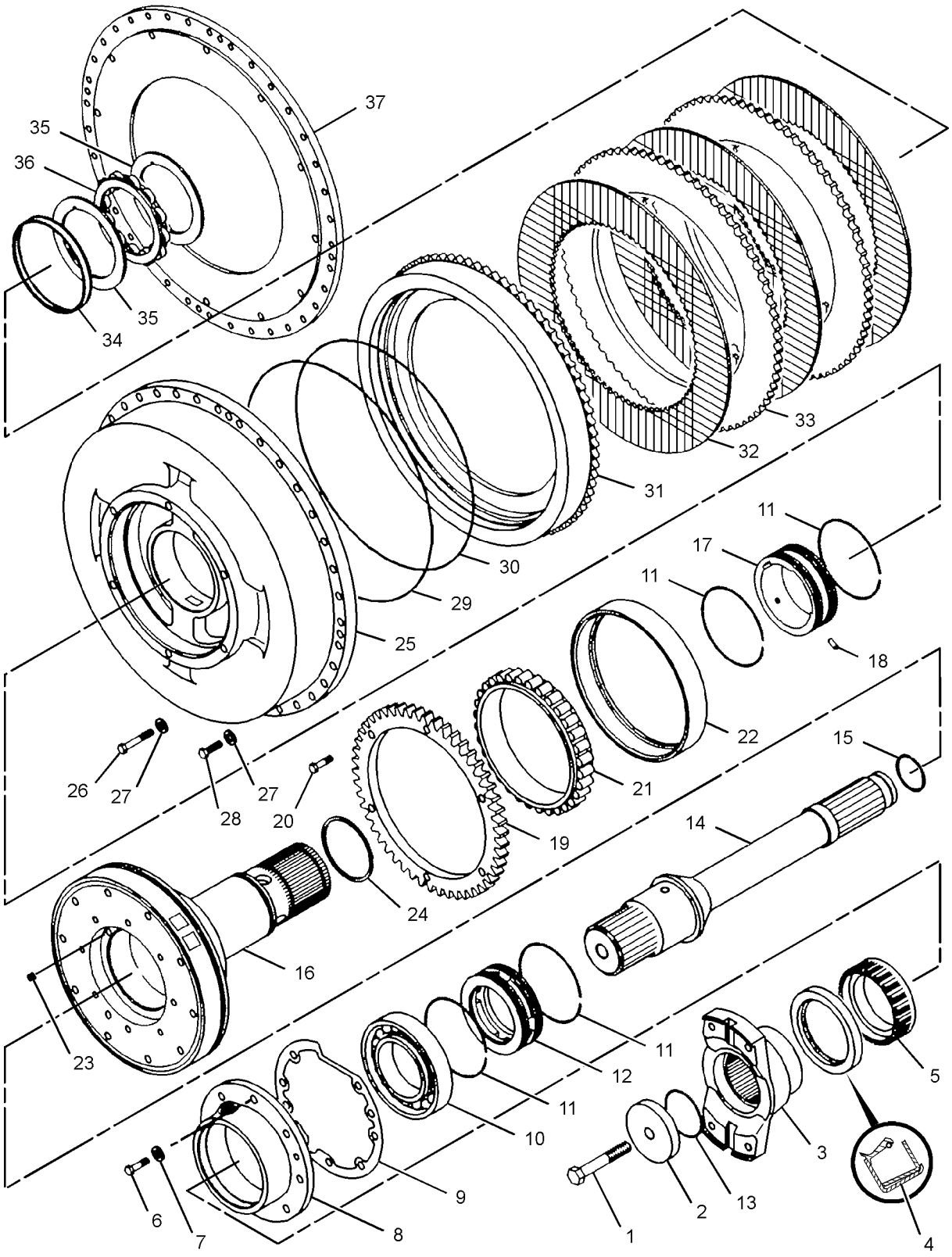
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**7X-2555**	1	BOLT (M16X2X80-MM)	
	2	1	**9S-4372**	1	RETAINER	
	3	1	**6Y-1415**	1	YOKE-OUTPUT	
	4	1	**216-0273**	1	SEAL-LIP TYPE	
	5	1	**6Y-6602**	1	ROTOR-SENSOR	
M	6	1	**8T-4195**	8	BOLT (M10X1.5X30-MM)	
	7	1	**8T-4121**	8	WASHER-HARD (11X21X2.5-MM THK)	
	8	1	**8E-5154**	1	RETAINER-BEARING	
	9	1	**8E-5115**	1	GASKET	
	10	1	**7F-6013**	1	BALL BEARING	
	11	1	**3T-6246**	4	RING-SEAL	
	12	1	**6Y-1414**	1	CARRIER-RING	
	13	1	**8M-4989**	1	SEAL-O-RING	
	14	1	**6Y-1413**	1	SHAFT-OUTPUT	
	15	1	**2G-8741**	1	RING-METAL SEAL	
	16	1	**108-4734**	1	CARRIER AS-STATOR	
	17	1	**108-4441**	1	CARRIER-RING	
	18	1	**2H-2255**	1	DOWEL	
	19	1	**8E-2870**	1	GEAR-DRIVE (88-TEETH) (88 TEETH)	
M	20	1	**6V-1820**	6	BOLT (M10X1.5X30-MM)	
	21	1	**5P-6408**	1	BEARING-INNER	
	22	1	**124-6348**	1	RACE-ROLLER	
	23	1	**8J-6815**	1	PLUG-ORIFICE	
	24	1	**1T-1401**	1	RING-SEAL	
	25	1	**6Y-1409**	1	HOUSING-CLUTCH	
M	26	1	**6V-4249**	36	BOLT (M10X1.5X50-MM)	
	27	1	**6V-5839**	38	WASHER (11X21X2.5-MM THK)	
M	28	1	**6V-3822**	2	BOLT (M10X1.5X35-MM)	
	29	1	**3S-1284**	1	RING-SEAL	
	30	1	**7G-0141**	1	RING-SEAL	
	31	1	**6Y-6600**	1	PISTON-CLUTCH	
	32	1	**336-9318**	3	DISC-FRICTION	
	33	1	**1T-1897**	2	PLATE-CLUTCH	
	34	1	**1T-0806**	1	RETAINER-BEARING	
	35	1	**1T-0807**	2	RACE-THRUST BEARING	
	36	1	**1T-0786**	1	BEARING-THRUST	
	37	1	**6Y-1410**	1	PLATE-CLUTCH BACKING	
	38	2	**6Y-0799**	1	HOUSING AS-CLUTCH	
	39	2	**1T-0766**	1	BUSHING	
	40	2	**6Y-0798**	1	COVER	
	41	2	**6V-5839**	6	WASHER (11X21X2.5-MM THK)	
M	42	2	**6V-1820**	6	BOLT (M10X1.5X30-MM)	
	43	2	**8L-2786**	2	SEAL-O-RING	
	44	2	**9S-4185**	2	PLUG (3/4-16-THD)	
	45	2	**1T-0807**	4	RACE-THRUST BEARING	
	46	2	**1T-0786**	3	BEARING-THRUST	
	47	2	**1T-0806**	3	RETAINER-BEARING	

6Y-3888 **TORQUE CONVERTER GP (**contd.**)** **i03907945**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	48	2	**1T-0896**	1	RING-RETAINING	
	49	2	**8P-1246**	1	PLATE-CLUTCH BACKING	
	50	2	**336-9313**	3	DISC-FRICTION	
R	51	2	**1T-1315**	2	PLATE-CLUTCH	
	52	2	**1T-1426**	1	PISTON-LOCKUP CLUTCH	
	53	2	**7G-0141**	1	RING-SEAL	
	54	2	**8S-3371**	1	RING-SEAL	
	55	2	**6Y-0803**	1	STATOR-CONVERTER	
	56	2	**1V-6659**	2	RING-RETAINING	
	57	2	**6Y-0804**	1	ADAPTER-SPLINED	
	58	2	**1T-0795**	3	RING-RETAINING	
	59	2	**1T-0787**	2	PLATE	
	60	2	**6Y-1354**	1	HUB	
M	61	2	**8T-0273**	24	BOLT-SOCKET HEAD (M12X1.75X40-MM)	
	62	2	**2P-4470**	1	TURBINE-CONVERTER	
	63	2	**6Y-0802**	1	ADAPTER-CLUTCH	
M	64	2	**6V-5684**	12	BOLT (M12X1.75X45-MM)	
	65	2	**5P-8245**	12	WASHER-HARD (13.5X25.5X3-MM THK)	
	66	2	**6Y-0806**	1	HUB-IMPELLER	
	67	2	**6Y-5636**	1	IMPELLER-CONVERTER	
	68	2	**6Y-1405**	1	ADAPTER AS-CLUTCH	
		2	**6Y-7655**	1	ADAPTER-CLUTCH	
	69	2	**9M-4007**	2	DOWEL	
	70	2	**8E-2882**	1	BUSHING	

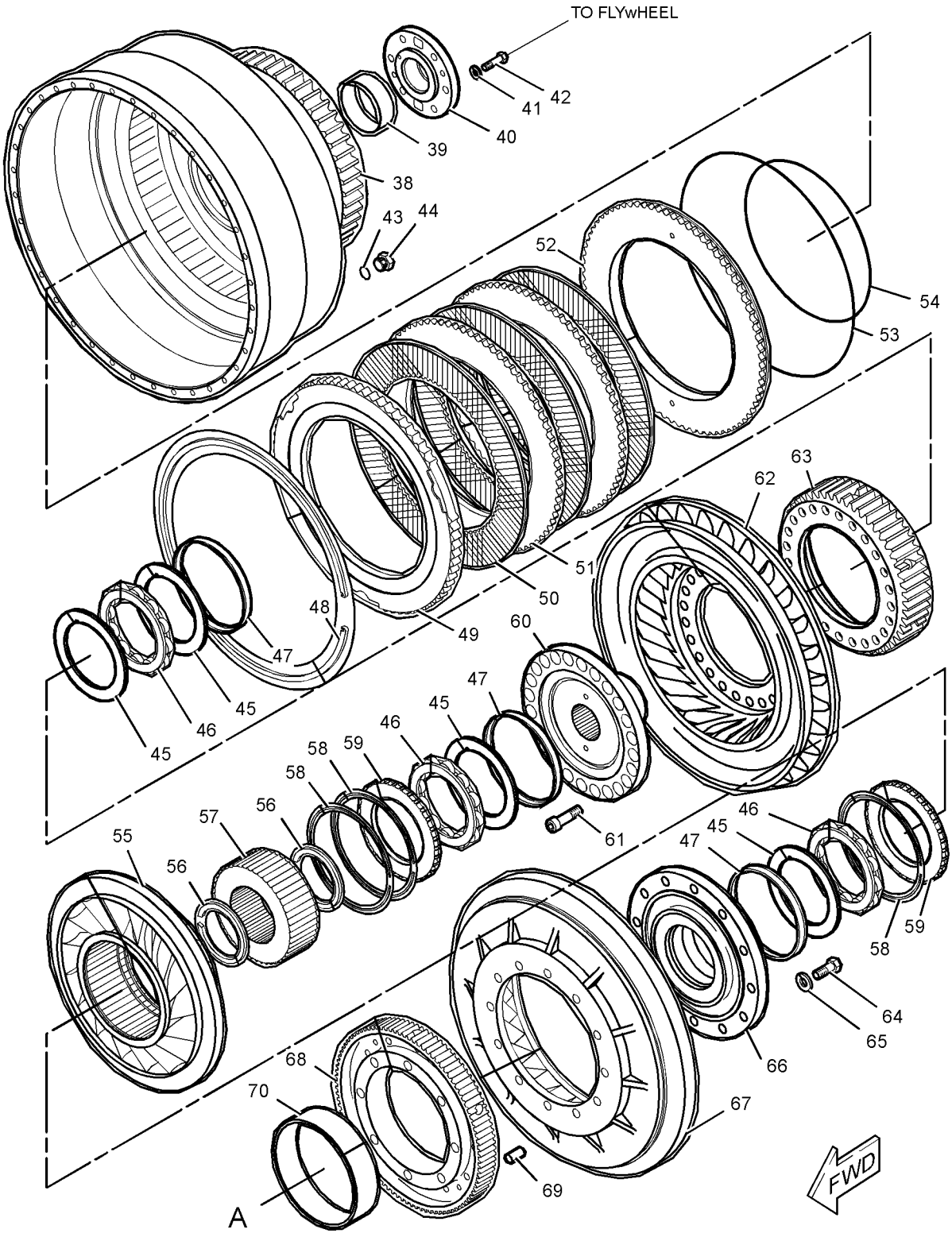
M - METRIC PART
R - REMANUFACTURED PART MAY BE AVAILABLE

6Y-3888 **TORQUE CONVERTER GP** (contd.) **i03907945**



GRAPHIC #1 g01231922

6Y-3888 **TORQUE CONVERTER GP** (contd.) **i03907945**



GRAPHIC #2 <END> g01231924

239-7153 TRANSMISSION AR*R

S/N: MPR1-UP

PART OF 230-3268 POWER TRAIN AR

SMCS-3030 **i02028082**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*6Y-6973*	1	CASE & PARTS GP-PLANETARY	675
Y	*8E-6392*	1	CONTROL GP-TRANSMISSION HYD	678
Y	*239-7157*	1	COVER GP-SHIPPING	684
Y	*239-7155*	1	GEAR GP-INPUT TRANSFER	708
Y	*239-7156*	1	GEAR GP-OUTPUT TRANSFER	710
Y	*239-7154*	1	PLANETARY GP-TRANSMISSION	751

Y - SEPARATE ILLUSTRATION

<END>

9U-4983 UNIVERSAL JOINT GP

S/N: BTW1-UP

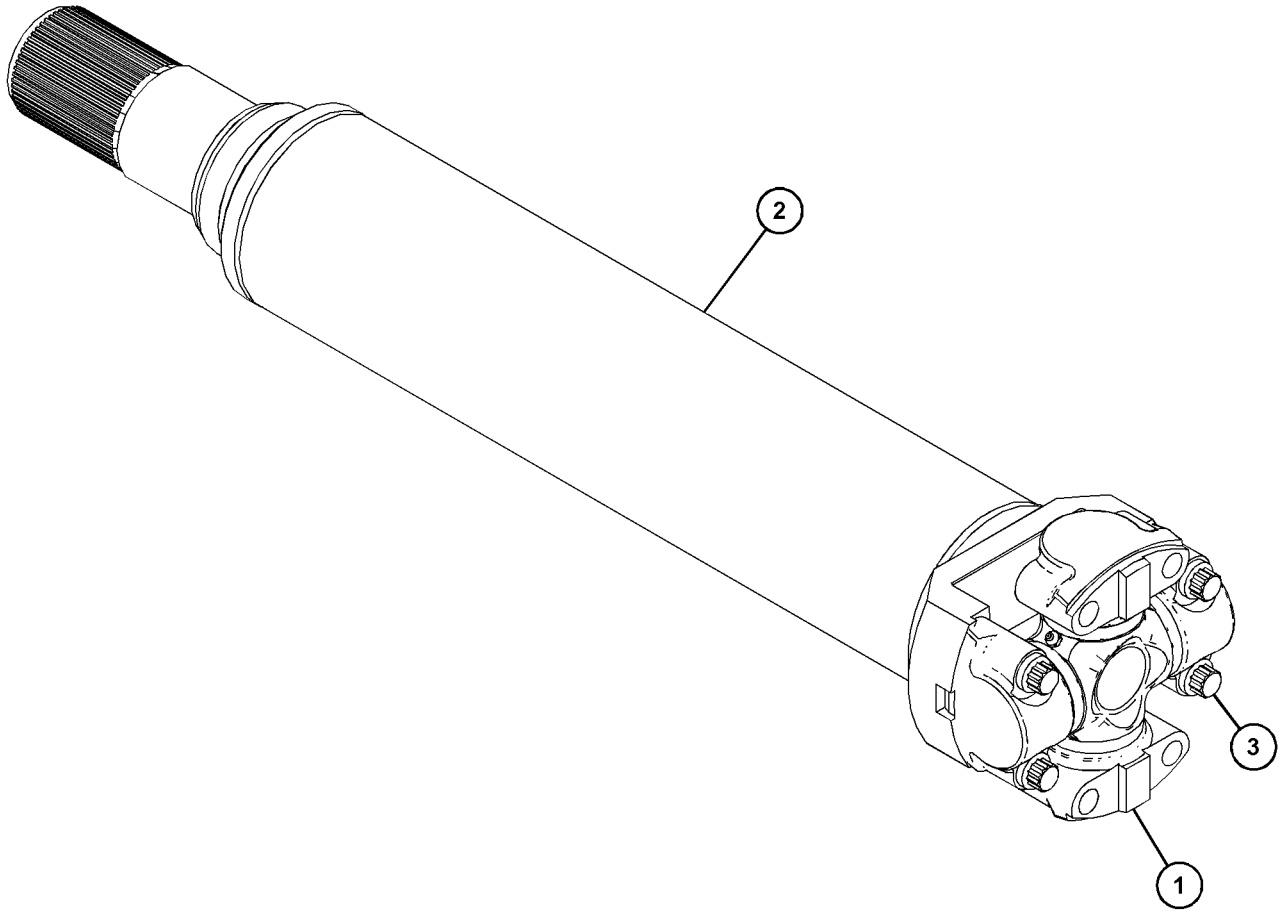
PART OF 8R-5452 SHAFT GP-DRIVE

SMCS-3251, 3253

i06882718

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-3462**	1	SPIDER & BEARING GP	
		1	**3B-8489**	1	FITTING-GREASE (1/8-27 PTF)	
	2	1	**9U-4982**	1	SHAFT	
M	3	1	**9X-6480**	4	BOLT (M20X2.5X90-MM)	

M - METRIC PART



GRAPHIC #1 <END> g06173525

9U-4985 UNIVERSAL JOINT GP

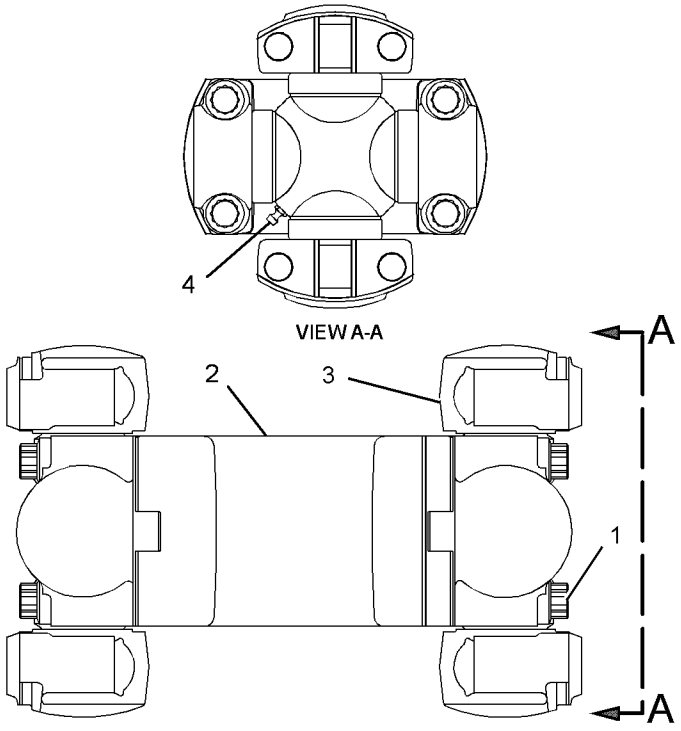
S/N: BTW1-UP

PART OF 8R-5452 SHAFT GP-DRIVE

SMCS-3251, 3253 **i06882727**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**9X-6480**	8	BOLT (M20X2.5X90-MM)	
	2	1	**9U-4984**	1	YOKE-COUPLING	
	3	1	**4E-3462**	2	SPIDER & BEARING GP	
					(EACH INCLUDES)	
	4	1	**3B-8489**	1	FITTING-GREASE (1/8-27 PTF)	

M - METRIC PART



GRAPHIC #1 <END> g01946365

130-5202 VALVE GP-CHECK–AXLE OIL COOLER BYPASS

S/N: BTW1-UP

PART OF 243-6010 COOLER & MTG GP-AXLE OIL

SMCS-5067 **i05439721**

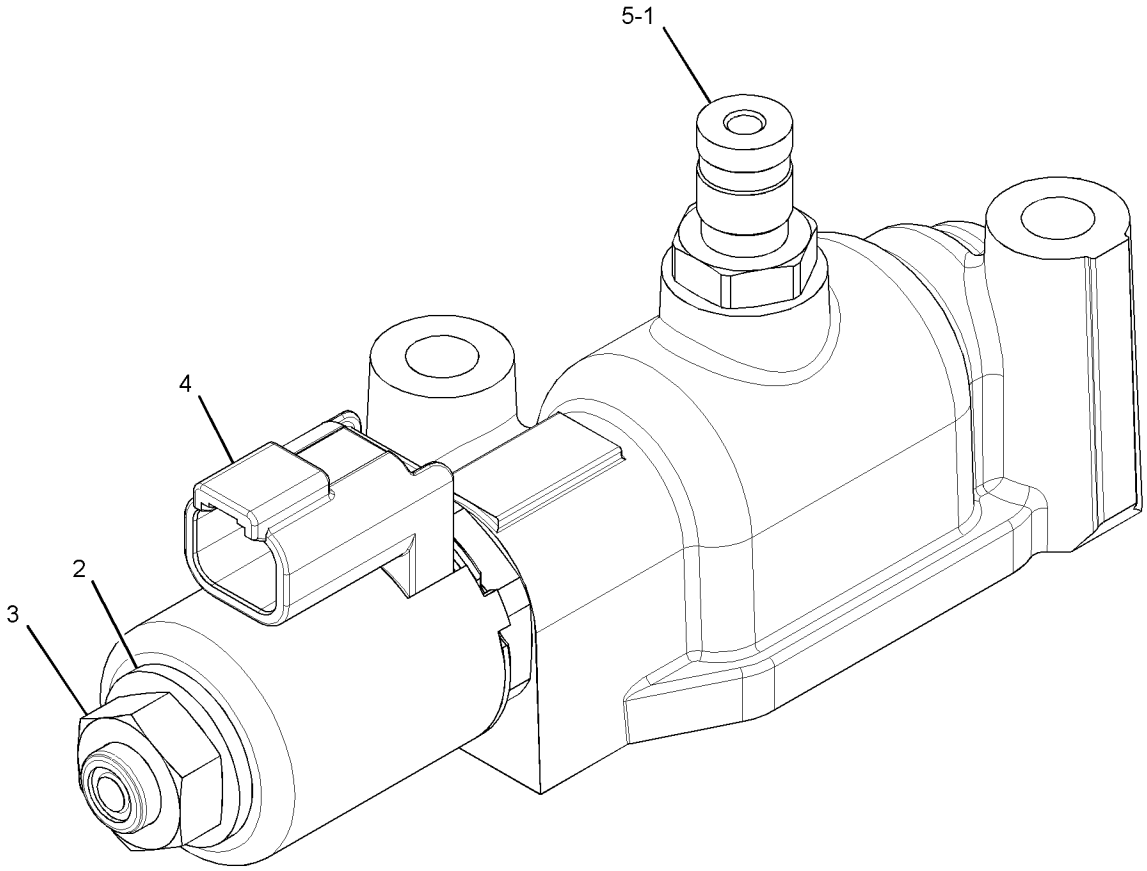
NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	201-1742	1	VALVE GP-CHECK	
	3D-2824	1	SEAL-O-RING	
	4K-1388	1	SEAL-O-RING	
	6V-9746	1	SEAL-O-RING	
			OR	
	206-8809	1	VALVE GP-CHECK	
	3D-2824	1	SEAL-O-RING	
	6V-9746	1	SEAL-O-RING	
			<END>	

216-5342 VALVE GP-MODULATING—TORQUE CONVERTER LOCKUP

CLUTCH
S/N: BTW1-UP
24-VOLT
PART OF 234-7879 WIRING GP-ENGINE

SMCS-3139 **i04528384**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6V-3965**	1	FITTING (QUICK DISCONNECT)	
	2	1	**164-2108**	1	WASHER (13.03X25.4X2.38-MM THK)	
	3	1	**218-2373**	1	NUT (1/2-28-THD)	
	4	1	**323-9531**	1	COIL AS (24-VOLT)	
	5	1	**214-7568**	1	SEAL-O-RING	



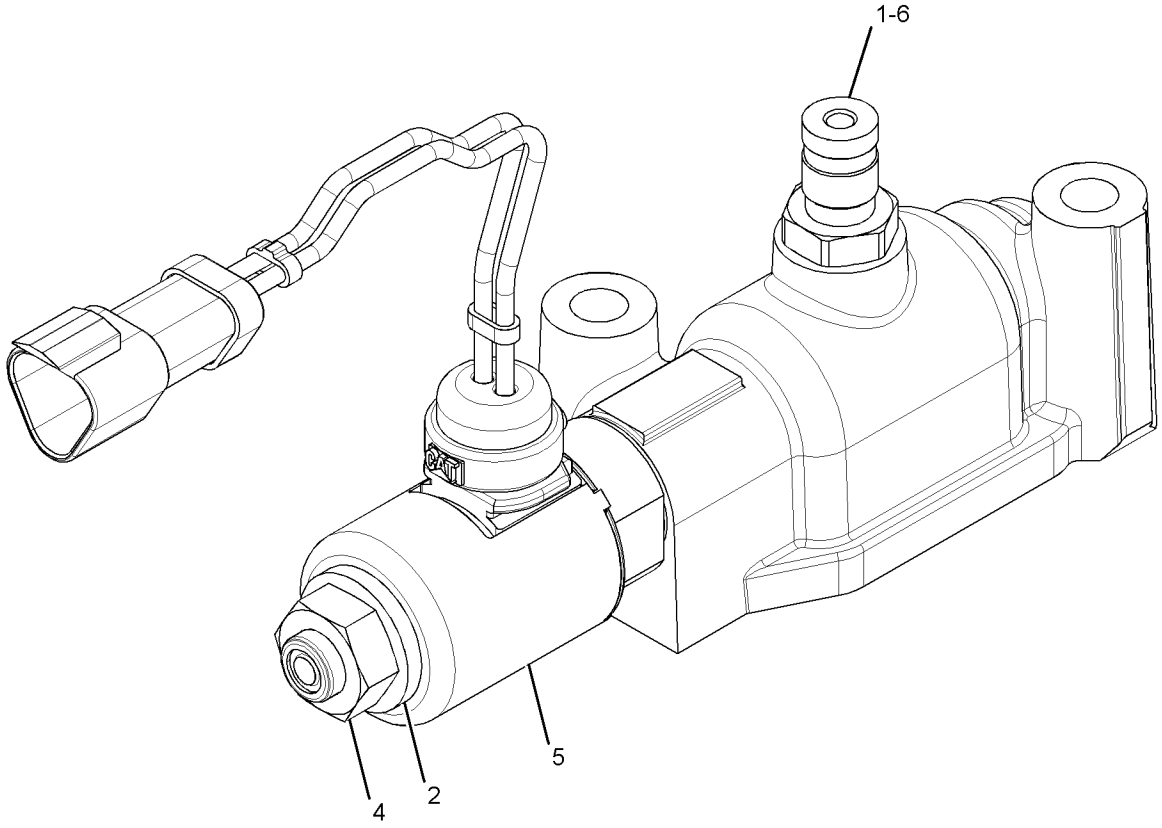
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217-2708 VALVE GP-MODULATING—TC IMPELLER CLUTCH

S/N: BTW1-UP
24-VOLT
PART OF 234-7879 WIRING GP-ENGINE

SMCS-3139 **i03367622**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6V-3965**	1	FITTING (QUICK DISCONNECT)	
	2	1	**187-2710**	1	WASHER	
	4	1	**218-2373**	1	NUT (1/2-28-THD)	
	5	1	**245-7465**	1	COIL AS	
		1	**1S-9593**	2	STRAP-CABLE	
		1	**8T-8737**	1	PLUG-SEAL	
		1	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	**186-3735**	1	PIN-CONNECTOR (16-GA TO 18-GA)	
	6	1	**214-7568**	1	SEAL-O-RING	



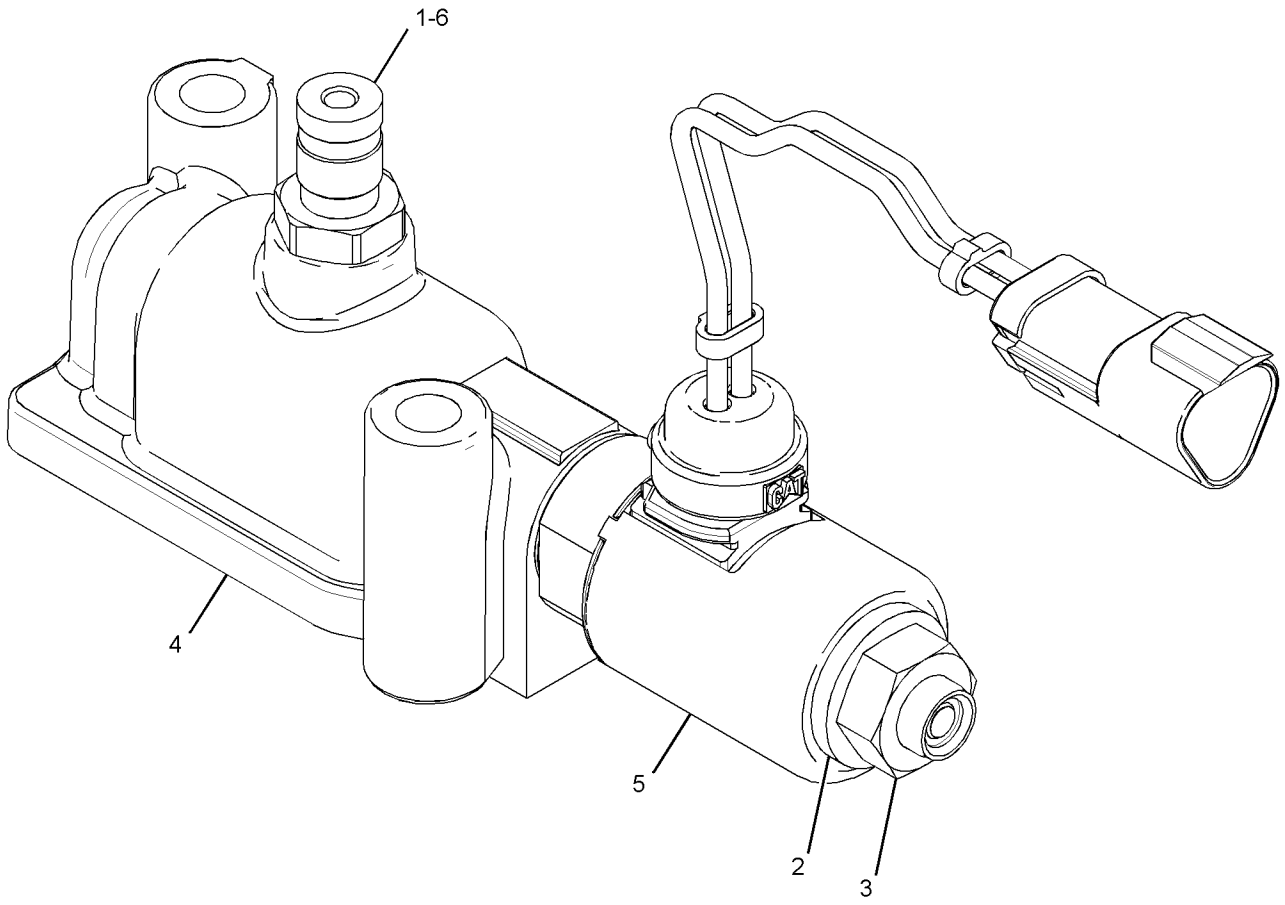
GRAPHIC #1 <END> g01819717

311-6364 VALVE GP-MODULATING

S/N: BTW1-UP
24-VOLT
FIELD REPLACEMENT ORDER 468-3266—PAGE: 791
PART OF 234-7879 WIRING GP-ENGINE

SMCS-3139 **i04182212**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6V-3965**	1	FITTING (QUICK DISCONNECT)	
	2	1	**187-2710**	1	WASHER	
	3	1	**218-2373**	1	NUT (1/2-28-THD)	
	4	1	*311-6363*	1	VALVE AS	
		1	**6B-6863**	1	PIN-SPRING	
		1	**118-3731**	1	SPRING	
	5	1	**322-5036**	1	COIL AS	
	6	1	**214-7568**	1	SEAL-O-RING	



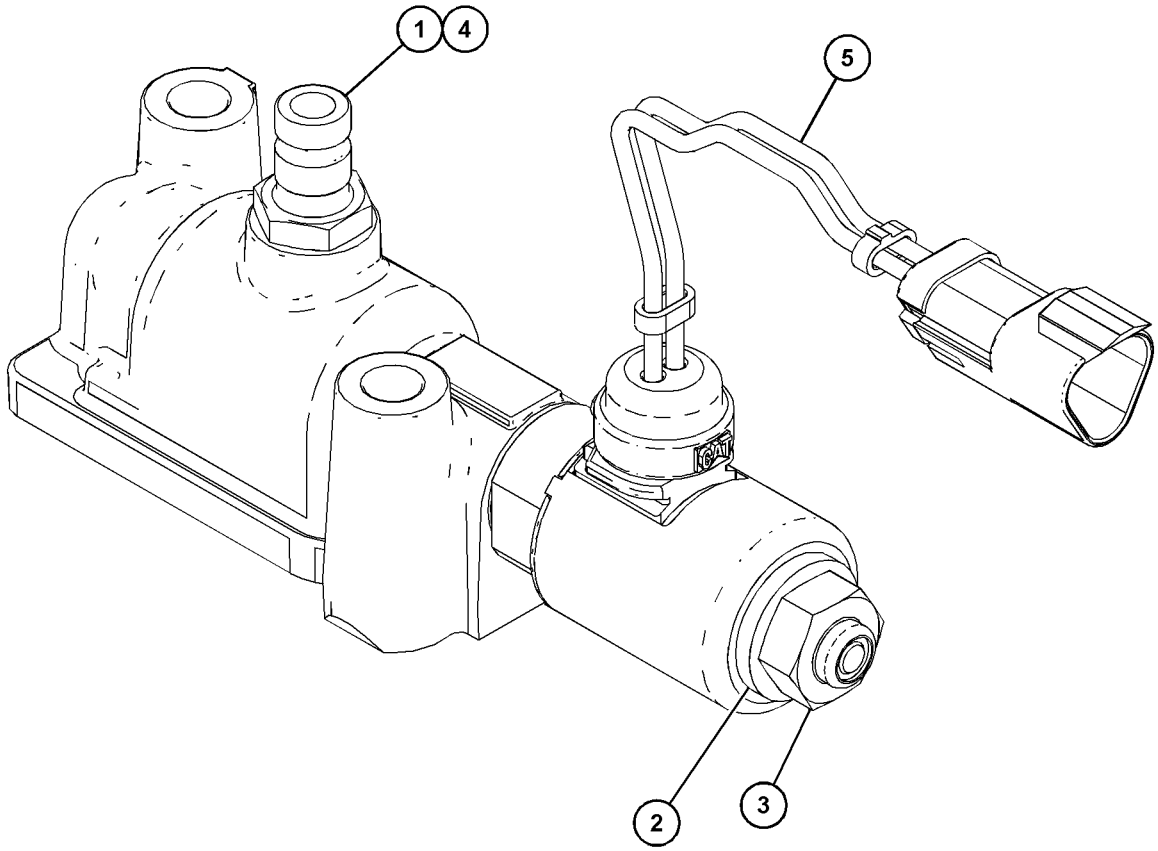
GRAPHIC #1 <END> g02541138

468-3266 VALVE GP-MODULATING

S/N: BTW1-UP
TORQUE CONVERTER
FIELD REPLACEMENT FOR 311-6364—PAGE: 790

SMCS-3139 **i06880370**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6V-3965**	1	FITTING (QUICK DISCONNECT)	
	2	1	**187-2710**	1	WASHER	
	3	1	**218-2373**	1	NUT (1/2-28-THD)	
	4	1	**214-7568**	1	SEAL-O-RING	
	5	1	**322-5036**	1	COIL AS	
		1	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	**1S-9593**	2	STRAP-CABLE	
		1	**3E-3371**	1	WEDGE-RECEPTACLE LOCK (3-PIN)	
		1	**8T-8729**	2	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	**8T-8737**	1	PLUG-SEAL	



GRAPHIC #1 <END> g06172438

104-5013 VALVE GP-RELIEF—TORQUE CONVERTER OUTLET

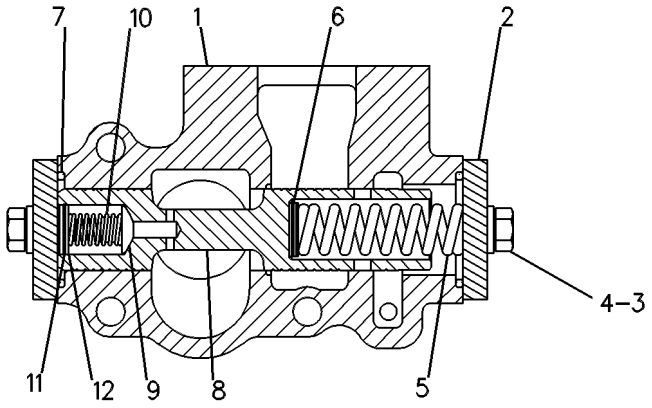
S/N: BTW1-UP

PART OF 229-7352 LINES GP-POWER TRAIN OIL

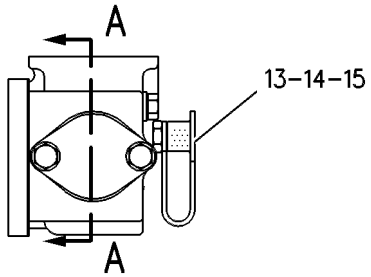
SMCS-3133, 3182, 3210, 3213 **i00174173**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**104-5014**	1	BODY-RELIEF VALVE	
	2	1	**4M-8239**	2	COVER	
	3	1	**0S-1594**	4	BOLT (3/8-16X1-IN)	
	4	1	**5M-2894**	4	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	5	1	**8M-8627**	1	SPRING	
B	6	1	**5M-9622**	2	SHIM (1.6-MM THK)	
B		1	**5M-9623**	3	SHIM (0.9-MM THK)	
B		1	**5M-9624**	1	SHIM (0.25-MM THK)	
	7	1	**8M-4986**	2	SEAL-O-RING	
	8	1	**2P-4538**	1	SPOOL AS-RELIEF	
	9	1	**9M-4313**	1	POPPET	
	10	1	**5M-9548**	1	SPRING	
	11	1	**1L-3162**	1	RING-RETAINING	
	12	1	**8M-2537**	1	RETAINER	
	13	1	**6V-0852**	1	CAP-DUST	
	14	1	**3J-1907**	1	SEAL-O-RING	
	15	1	**6V-3965**	1	FITTING (QUICK DISCONNECT)	

B - USE AS REQUIRED



SECTION A-A



GRAPHIC #1 <END> g00122362

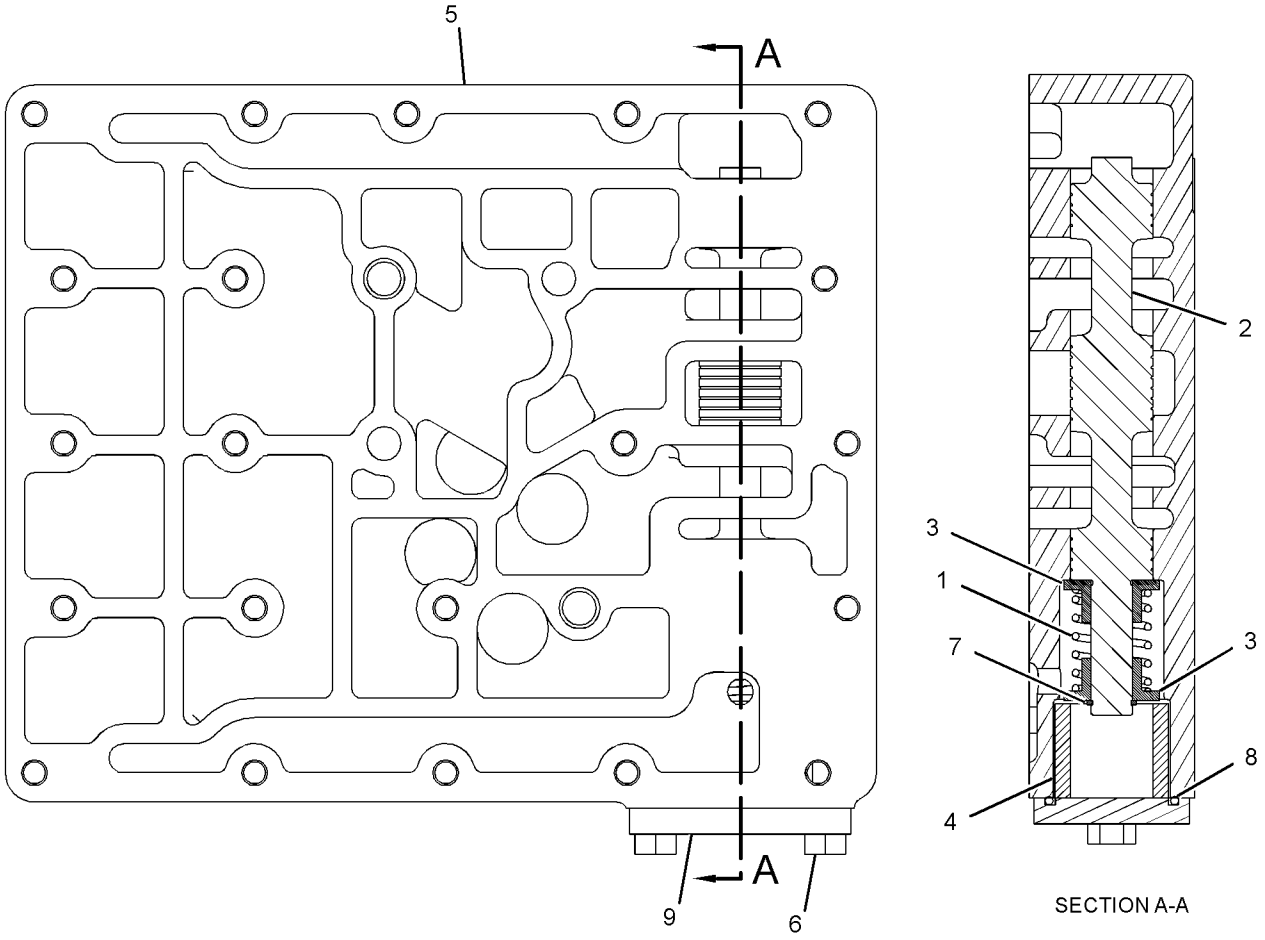
8E-6398 VALVE GP-SELECTOR–TRANSMISSION

S/N: MPR1-UP

PART OF 8E-6393 VALVE GP-TRANSMISSION CONTROL

SMCS-3157 **i06090354**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6I-9519**	1	SPRING	
	2	1	**6Y-0725**	1	SPOOL-SELECTOR	
	3	1	**6Y-0726**	2	RETAINER	
	4	1	**6Y-0729**	1	STOP	
	5	1	**330-8673**	1	MANIFOLD-BOTTOM	
	6	1	**2B-2695**	2	BOLT (5/16-18X0.875-IN)	
	7	1	**5P-6261**	1	RING-RETAINING	
	8	1	**6J-2419**	1	SEAL-O-RING	
	9	1	**7S-6997**	1	COVER	



SECTION A-A

GRAPHIC #1 <END> g01955433

106-0550 VALVE GP-SELECTOR & PRESS CONT—TRANSMISSION

S/N: MPR1-UP

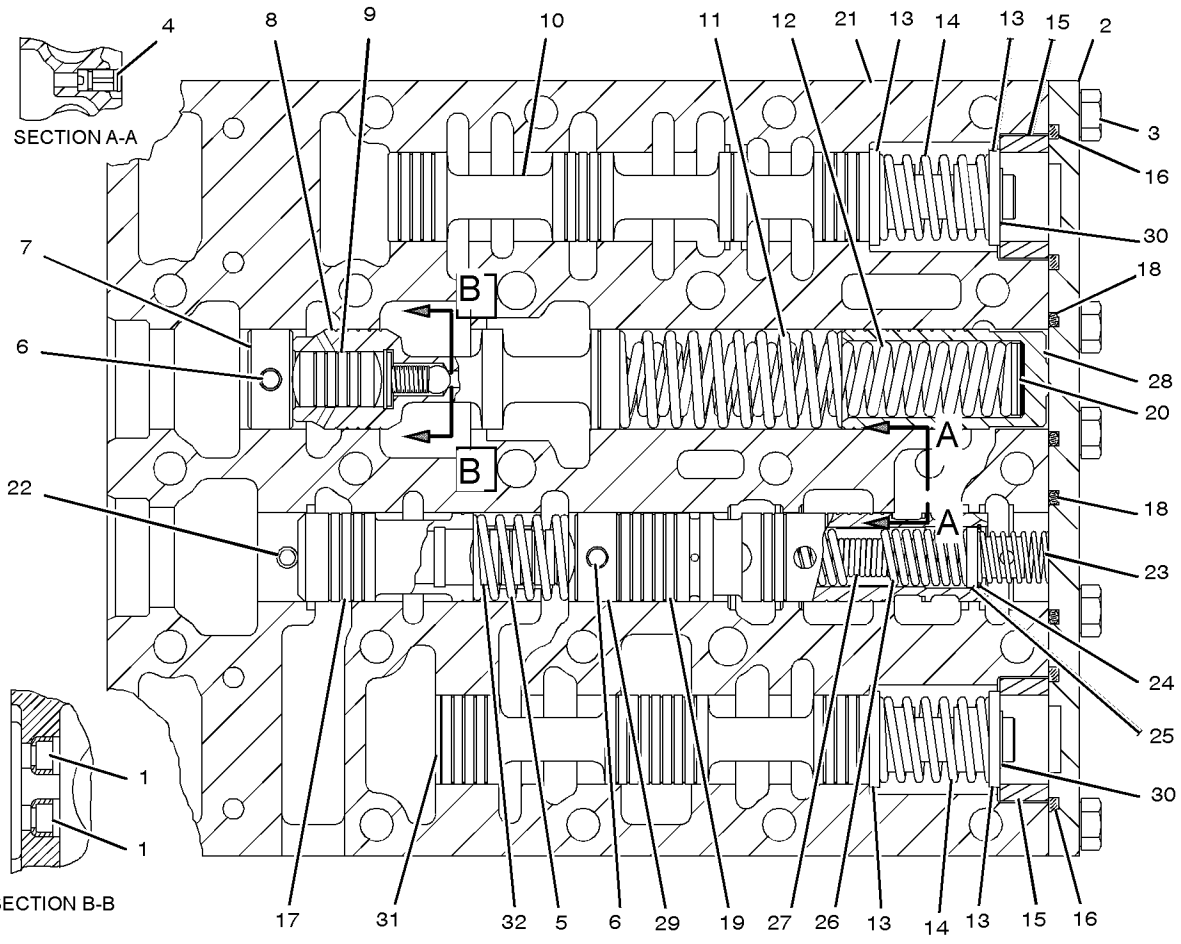
PART OF 8E-6393 VALVE GP-TRANSMISSION CONTROL

SMCS-3083 **i06276334**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8P-9296**	2	ORIFICE-PLUG	
	2	1	**6Y-0728**	1	COVER	
	3	1	**2B-2695**	5	BOLT (5/16-18X0.875-IN)	
	4	1	**238-5508**	1	PLUG AS-ORIFICE	
		1	**8L-2779**	1	SEAL-O-RING	
		1	**215-7183**	1	ORIFICE-SCREEN	
	5	1	**6P-4978**	1	SPRING	
	6	1	**2S-0696**	2	DOWEL	
	7	1	**6P-4940**	1	STOP	
	8	1	**9W-5567**	1	SPOOL AS-RELIEF	
		1	**3D-8317**	1	RING-RETAINING	
		1	**4B-9880**	1	BALL	
		1	**4M-2381**	1	SPRING	
		1	**8M-1013**	1	RETAINER	
	9	1	**9W-5568**	1	SLUG	
	10	1	**6Y-0724**	1	SPOOL-SPEED SELECTOR	
	11	1	**7G-4842**	1	SPRING	
	12	1	**9P-3041**	1	SPRING	
	13	1	**6Y-0726**	4	RETAINER	
	14	1	**6I-9519**	2	SPRING	
	15	1	**6Y-0727**	2	STOP	
	16	1	**4J-0521**	2	SEAL-O-RING	
	17	1	**6P-4943**	1	SPOOL-RATIO	
	18	1	**6F-6673**	2	SEAL-O-RING	
	19	1	**8E-6433**	1	SPOOL-DIFFERENTIAL	
B	20	1	**5M-9622**	1	SHIM (1.6-MM THK)	
B		1	**5M-9623**	1	SHIM (0.9-MM THK)	
B		1	**5M-9624**	3	SHIM (0.25-MM THK)	
	21	1	**106-0554**	1	BODY	
	22	1	**6Y-0744**	1	STOP	
	23	1	**6P-9785**	1	SPRING	
	24	1	**3P-8485**	1	RING-RETAINING	
	25	1	**6P-9786**	1	RETAINER	
	26	1	**6P-9784**	1	SPRING	
	27	1	**6P-9783**	1	SPRING	
	28	1	**9G-5301**	1	PISTON-LOAD	
	29	1	**2S-4872**	1	STOP	
	30	1	**5P-6261**	2	RING-RETAINING	
	31	1	**6Y-0725**	1	SPOOL-SELECTOR	
	32	1	**5S-7816**	1	SLUG	

B - USE AS REQUIRED

106-0550 **VALVE GP-SELECTOR & PRESS CONT (**contd.**)** **i06276334**



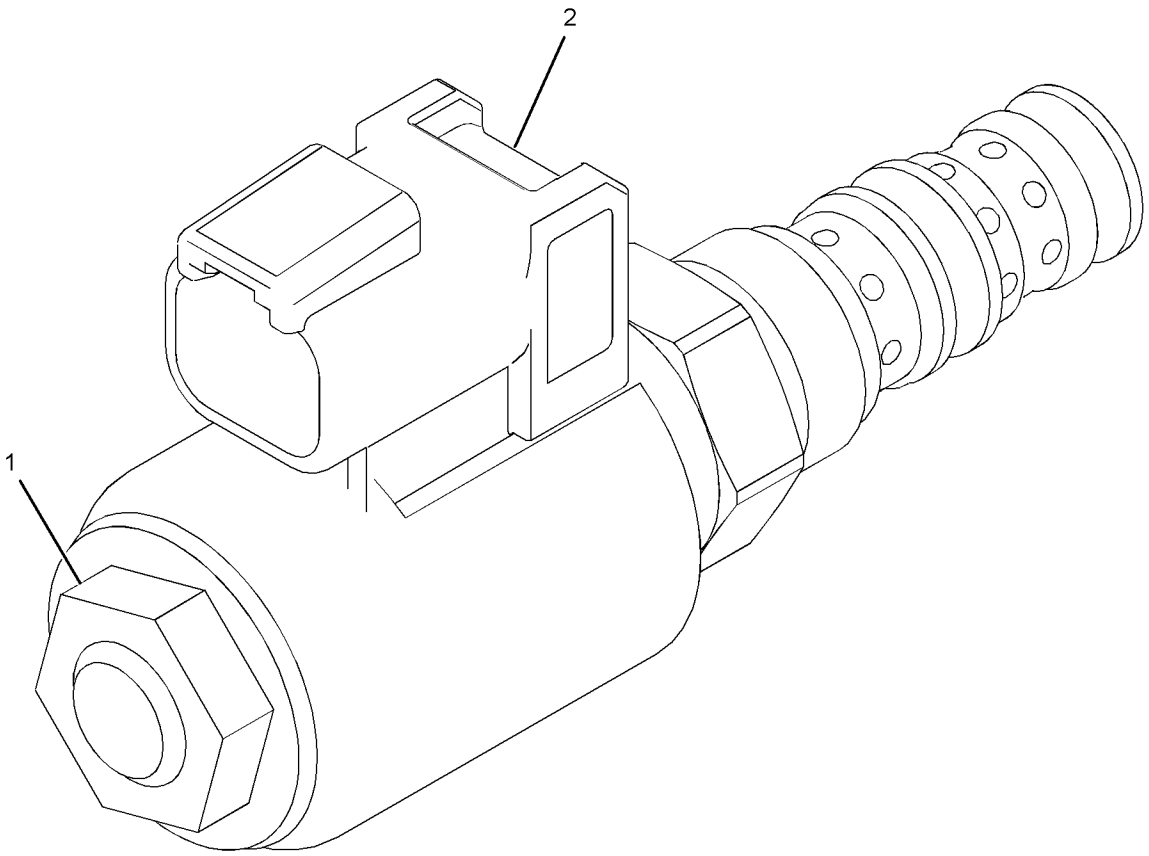
GRAPHIC #1 <END> g01180830

329-5064 VALVE GP-SOLENOID

S/N: BTW1-UP
24-VOLT
PART OF 257-5613 MANIFOLD GP-CONTROL

SMCS-3174, 4804, 4805, 5479 **i03386600**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**156-5970**	1	NUT (1/2-20-THD)	
	2	1	**249-0981**	1	COIL AS (24-VOLT)	
					AVAILABLE REPAIR KIT(S):	
			195-7430	1	KIT-SEAL (SOLENOID VALVE)	
					(INCLUDES SEALS & RINGS)	



GRAPHIC #1 <END> g01754293

8E-8427 VALVE GP-TORQUE CONV PRIORITY

S/N: BTW1-UP

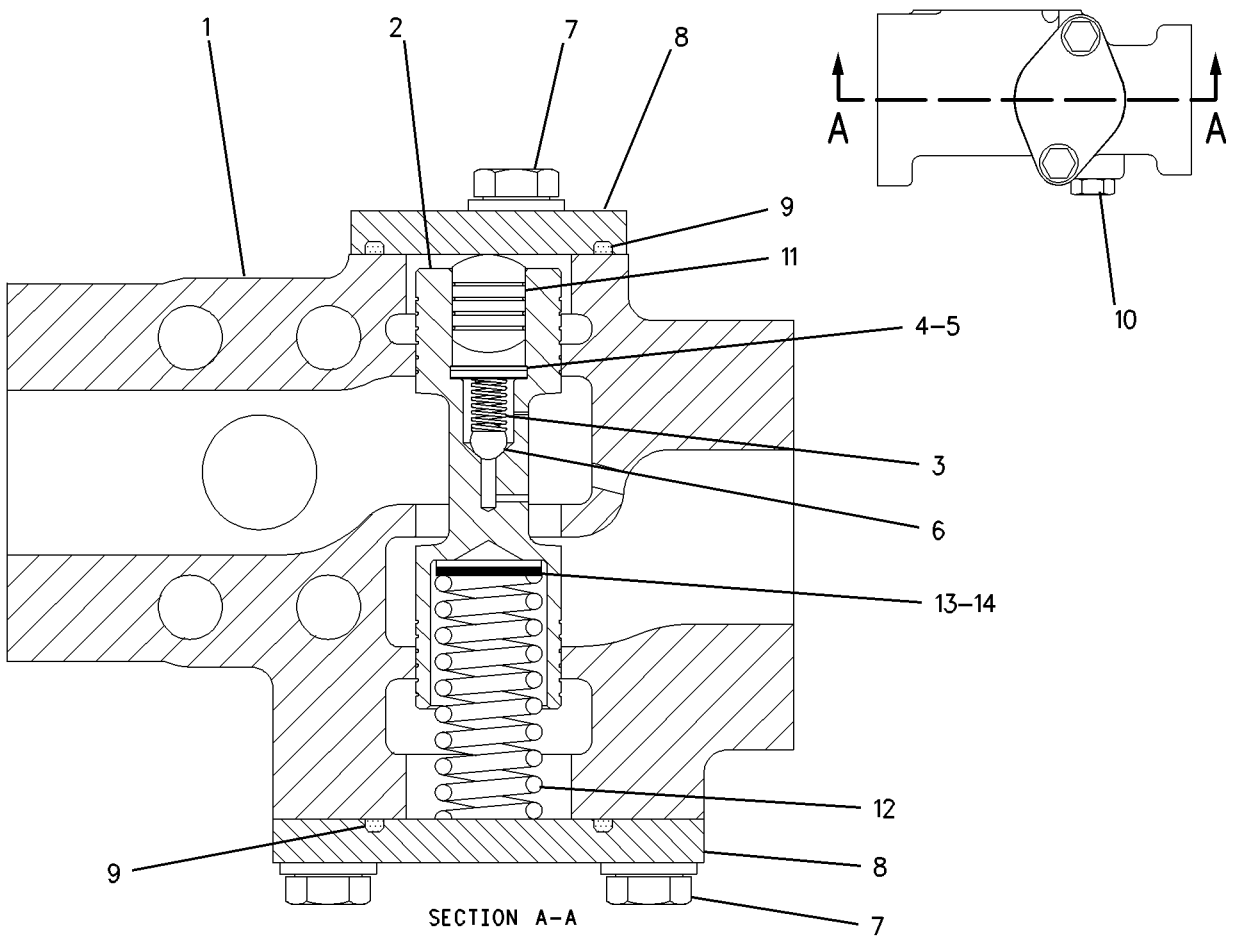
PART OF 229-7352 LINES GP-POWER TRAIN OIL

SMCS-3180 **i01227901**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	*8E-9277*	1	BODY AS-VALVE	
		1	**2D-6642**	1	BALL	
	2	1	**8E-8275**	1	SPOOL AS	
	3	1	**4M-2381**	1	SPRING	
	4	1	**3D-8317**	1	RING-RETAINING	
	5	1	**8M-1013**	1	RETAINER	
	6	1	**4B-9880**	1	BALL	
M	7	1	**8T-4136**	4	BOLT (M10X1.5X25-MM)	
		1	**8T-4121**	4	WASHER-HARD (11X21X2.5-MM THK)	
	8	1	**9M-1164**	2	COVER	
	9	1	**8M-5661**	2	SEAL-O-RING	
	10	1	**9S-4191**	1	PLUG (9/16-18-THD)	
		1	**3J-1907**	1	SEAL-O-RING	
	11	1	**2M-7041**	1	SLUG	
	12	1	**8E-8273**	1	SPRING	
B	13	1	**8S-6214**	3	SPACER (11.12X23X0.4-MM THK)	
B	14	1	**8S-6215**	3	SPACER (11.2X23X0.9-MM THK)	

B - USE AS REQUIRED
M - METRIC PART

8E-8427 **VALVE GP-TORQUE CONV PRIORITY** (contd.) **i01227901**



GRAPHIC #1 <END> g00656463

8E-6393 VALVE GP-TRANSMISSION CONTROL

S/N: MPR1-UP

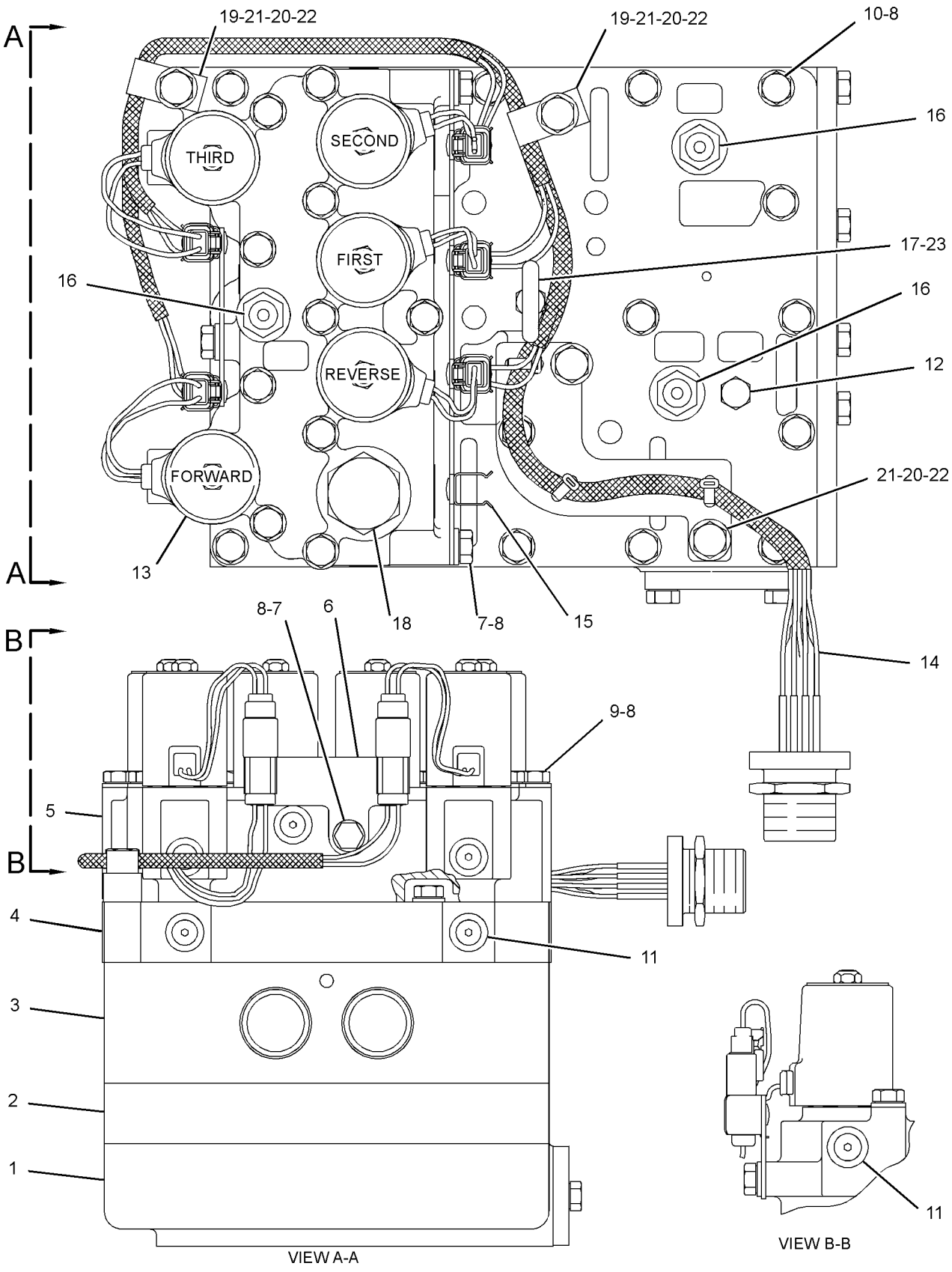
PART OF 8E-6392 CONTROL GP-TRANSMISSION HYD

SMCS-3073, 3167 **i03077360**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**8E-6398**	1	VALVE GP-SELECTOR (TRANSMISSION)	793
	2	1	**8E-4320**	1	PLATE	
Y	3	1	**106-0550**	1	VALVE GP-SELECTOR & PRESS CONT (TRANSMISSION)	794
	4	1	**106-0553**	1	MANIFOLD-TOP	
	5	1	**8E-4387**	1	MANIFOLD	
	6	1	**8E-7841**	1	CLIP AS-CONNECTING	
	7	1	**2B-2695**	3	BOLT (5/16-18X0.875-IN)	
	8	1	**9M-1974**	34	WASHER-HARD (8.8X16X2-MM THK)	
	9	1	**1D-4540**	10	BOLT (5/16-18X2.75-IN)	
	10	1	**5L-1761**	21	BOLT (5/16-18X5.5-IN)	
	11	1	*315-9841*	12	PLUG AS	
					(EACH INCLUDES)	
		1	**9S-8007**	1	PLUG	
		1	**238-5079**	1	SEAL-O-RING	
	12	1	*315-9843*	1	PLUG AS	
		1	**1N-5999**	1	PLUG-O-RING	
		1	**238-5079**	1	SEAL-O-RING	
	13	1	**302-3811**	5	VALVE GP-SOLENOID (TRANSMISSION CLUTCH)	
					(EACH INCLUDES)	
		1	**8C-9987**	1	WASHER (8.3X28X2.5-MM THK)	
		1	**111-0343**	1	LOCKNUT (5/16-18-THD)	
		1	**312-4288**	1	COIL AS	
		1	**1S-9593**	1	STRAP-CABLE	
C	14	1	**206-5048**	1	HARNESS AS-TRANSMISSION (SOLENOID VALVE)	
	15	1	**8E-7842**	1	CLIP AS-CONNECTING	
	16	1	*164-5567*	3	COUPLER AS-QUICK DISCONNECT (MALE)	
					(EACH INCLUDES)	
		1	**3J-1907**	1	SEAL-O-RING	
		1	**6V-3965**	1	FITTING (QUICK DISCONNECT)	
	17	1	**1P-7404**	1	EYEBOLT (5/16-18X1.15-IN)	
	18	1	*315-9842*	1	PLUG AS	
		1	**6Y-0789**	1	PLUG	
		1	**228-4947**	1	SEAL-O-RING	
		1	**238-5082**	1	SEAL-O-RING	
C	19	1	**8M-2772**	2	CLIP (LOOP)	
	20	1	**0S-1588**	4	BOLT (3/8-16X1.25-IN)	
	21	1	**5M-2894**	4	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	22	1	**1L-5081**	4	SPACER (0.41X0.75X0.56-IN THK)	
	23	1	**5S-0003**	1	NUT (5/16-18-THD)	

C - CHANGE FROM PREVIOUS TYPE
Y - SEPARATE ILLUSTRATION

8E-6393 **VALVE GP-TRANSMISSION CONTROL (**contd.**)** **i03077360**



GRAPHIC #1 <END> g01562153

9U-3022 WHEEL & FINAL DRIVE GP*R

S/N: BTW1-UP

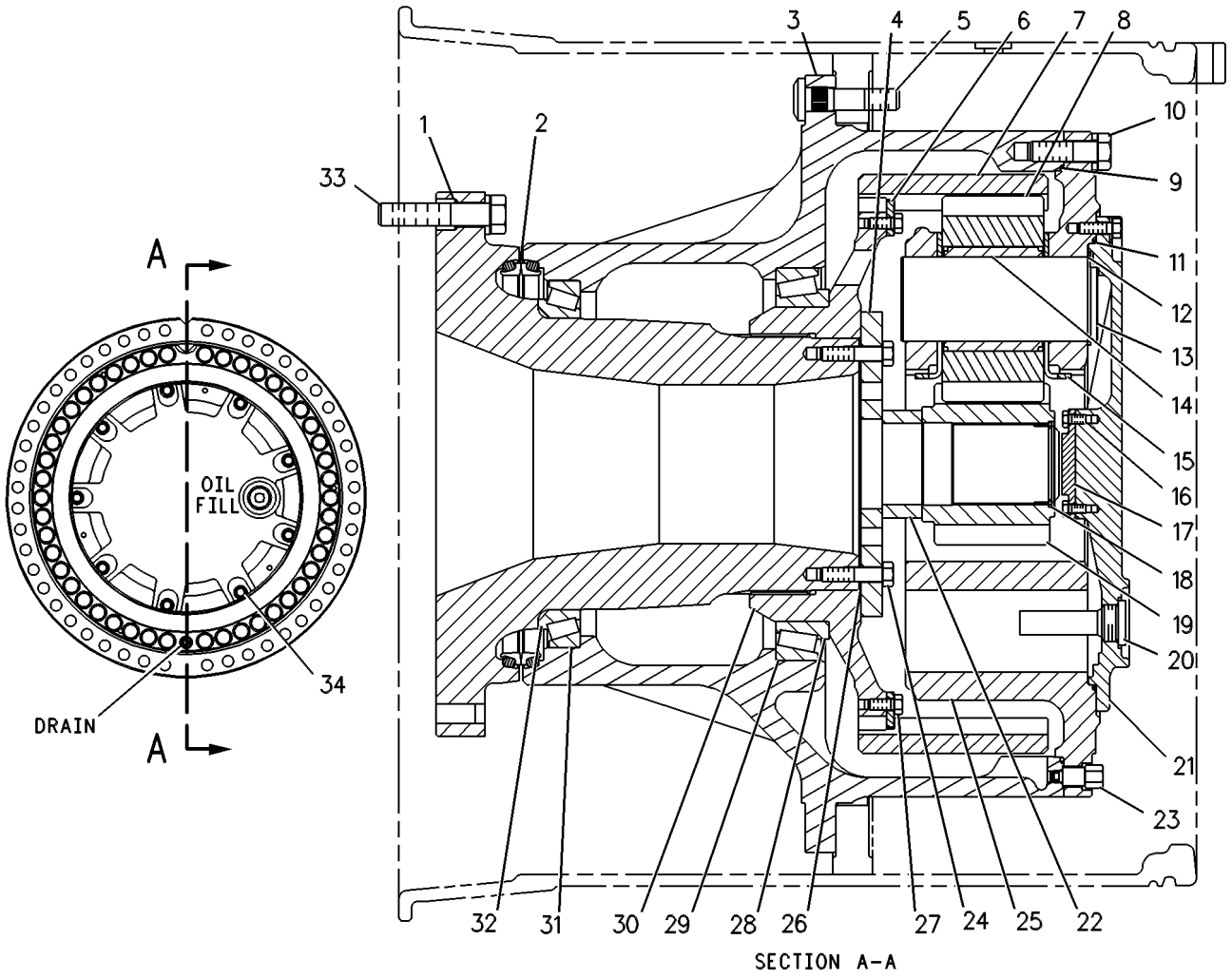
PART OF 240-5664, 287-1887 AXLE AR-FIXED, 240-5665, 366-7858, 368-5024 AXLE AR-OSCILLATING

SMCS-4051 **i05267907**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
R	1	1	**116-6260**	1	SPINDLE	
	2	1	**195-3495**	1	SEAL GP-DUO-CONE	
	3	1	**9U-3388**	1	WHEEL	
	4	1	**105-3624**	1	RETAINER	
	5	1	**9U-1740**	48	STUD	
	6	1	**5T-7676**	4	RETAINER	
	7	1	**9U-2975**	1	GEAR-RING (60-TEETH)	
	8	1	**9U-2974**	3	GEAR-PLANETARY (21-TEETH)	
	9	1	**8D-5096**	1	SEAL-O-RING	
	10	1	**1D-4627**	46	BOLT (7/8-9X3-IN)	
		1	**9H-1031**	46	WASHER-HARD (24X41.5X6-MM THK)	
	11	1	**9H-0846**	1	SEAL-O-RING	
	12	1	**1V-6656**	3	RING-RETAINING	
	13	1	**4E-5870**	3	SHAFT-PLANETARY	
	14	1	**108-1554**	3	BUSHING	
	15	1	**9U-3390**	6	WASHER-THRUST	
	16	1	**030-8535**	4	BOLT-LOCKING (3/8-16X0.875-IN)	
	17	1	**2G-4553**	1	PLATE	
	18	1	**1V-6659**	1	RING-RETAINING	
	19	1	**162-8304**	1	GEAR-SUN (15-TEETH)	
	20	1	**6V-3298**	1	PLUG-MAGNETIC	
		1	**2S-4078**	1	SEAL-O-RING	
	21	1	**9U-3386**	1	COVER	
	22	1	**151-6973**	1	SPACER	
	23	1	**5K-7696**	1	PLUG	
		1	**3J-1907**	1	SEAL-O-RING	
	24	1	**1A-8537**	20	BOLT (5/8-11X2.75-IN)	
	25	1	**9U-3389**	1	CARRIER-PLANETARY	
B	26	1	**6W-7350**	1	SHIM PACK (INCLUDES 14-SHIMS)	
	27	1	**5K-8454**	8	BOLT (1/2-13X1.12-IN)	
	28	1	**9U-9662**	1	CONE-BEARING	
	29	1	**9U-9661**	1	CUP-BEARING	
	30	1	**9U-3391**	1	HUB-REACTION	
C	31	1	**126-5860**	1	CUP-TAPERED	
C	32	1	**126-5859**	1	CONE	
	33	1	**1D-4642**	4	BOLT (1-8X5-IN)	
		1	**9M-2828**	4	WASHER-HARD (28X44.5X6-MM THK)	
	34	1	**0S-1585**	9	BOLT (1/2-13X1.5-IN)	
		1	**5P-8245**	9	WASHER-HARD (13.5X25.5X3-MM THK)	
					AVAILABLE REPAIR KIT(S):	
			150-3464	1	KIT-FINAL DRIVE BEARING	
					COMPLETE REPLACEMENT OF BEARINGS, GASKETS, & SEALS	

B - USE AS REQUIRED
C - CHANGE FROM PREVIOUS TYPE
R - REMANUFACTURED PART MAY BE AVAILABLE

9U-3022 **WHEEL & FINAL DRIVE GP (**contd.**)** **i05267907**



GRAPHIC #1 <END> g00122335

240-5561 BAFFLE GP-RADIATOR

S/N: BTW1-UP

PART OF 231-0800 HOOD & GUARD GP

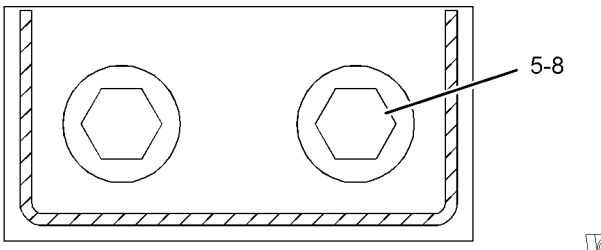
SMCS-1353, 1806

i02428024

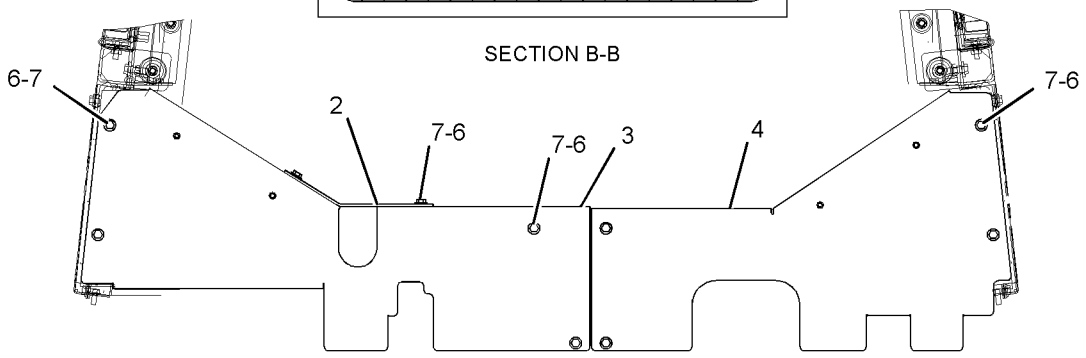
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**195-4758**	1	SUPPORT AS	
M		1	**8T-3490**	3	NUT-WELD (M10X1.5-THD)	
	2	1	**216-6327**	1	STRIP	
	3	1	**231-0787**	1	PANEL AS	
M		1	**8T-3490**	5	NUT-WELD (M10X1.5-THD)	
	4	1	**231-0788**	1	PANEL AS	
	5	1	**5P-1076**	2	WASHER-HARD (13.5X30X4-MM THK)	
	6	1	**7X-7729**	10	WASHER (11X25X3-MM THK)	
M	7	1	**8T-4136**	10	BOLT (M10X1.5X25-MM)	
M	8	1	**8T-4139**	2	BOLT (M12X1.75X30-MM)	

M - METRIC PART

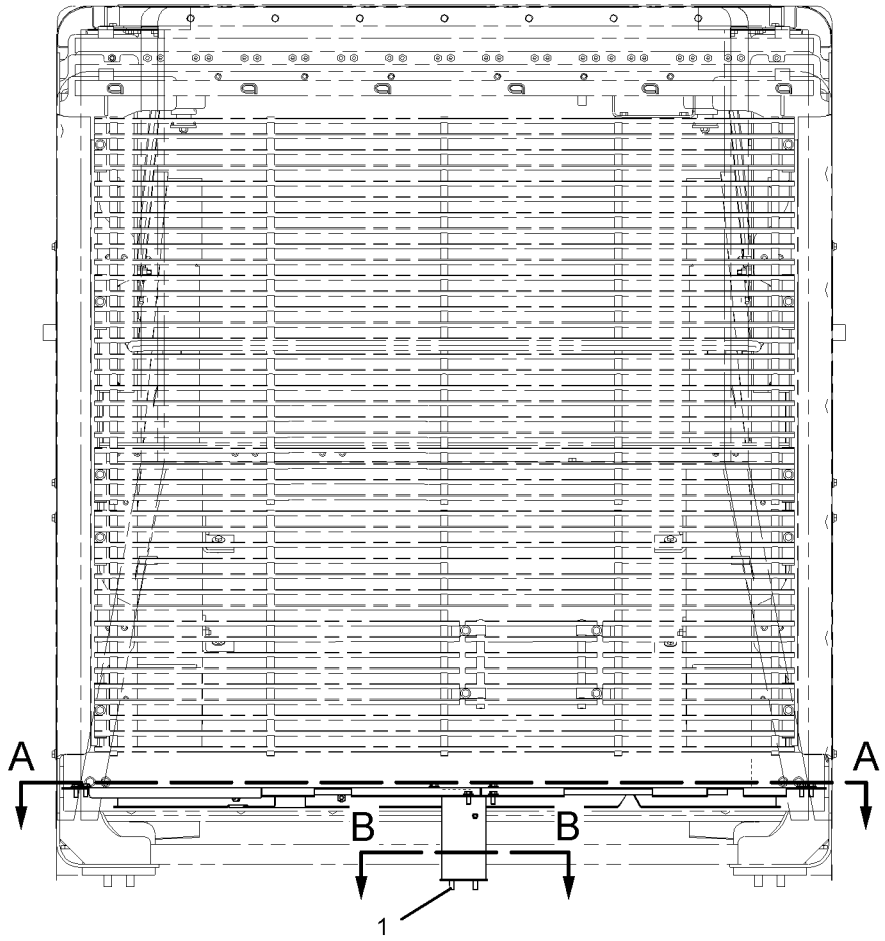
240-5561 **BAFFLE GP-RADIATOR (**contd.**)** **i02428024**



SECTION B-B



SECTION A-A



GRAPHIC #1 <END> g01048446

360-9826 BUMPER AR-REAR—STANDARD LIFT

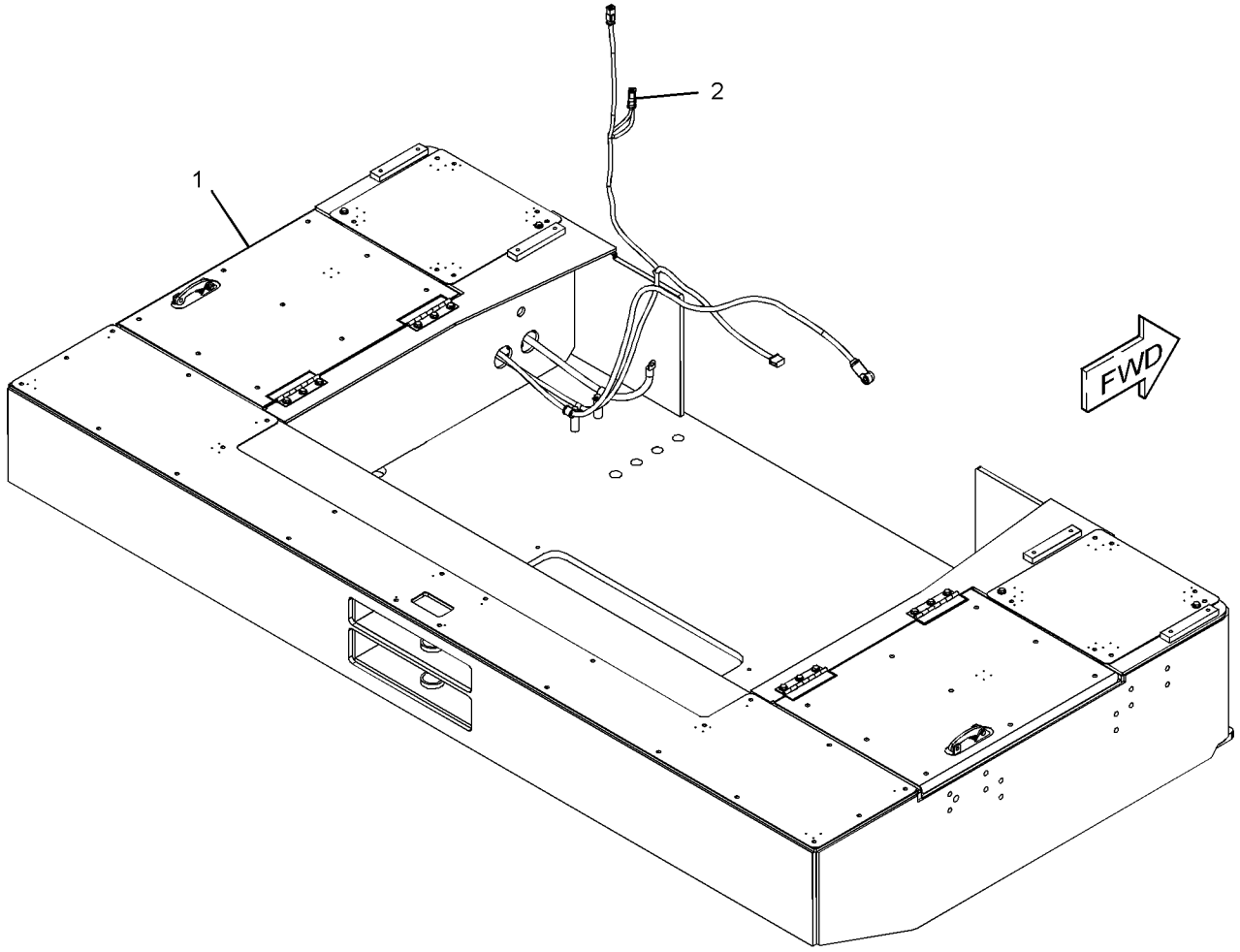
S/N: BTW215-UP

PART OF 230-3275 CHASSIS AR

SMCS-7156 **i04551589**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	*360-9824*	1	BUMPER GP-REAR	808
Y	2	1	*361-1450*	1	WIRING GP-BUMPER	543

Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g02724323

193-4746 BUMPER GP-REAR

S/N: BTW1-214

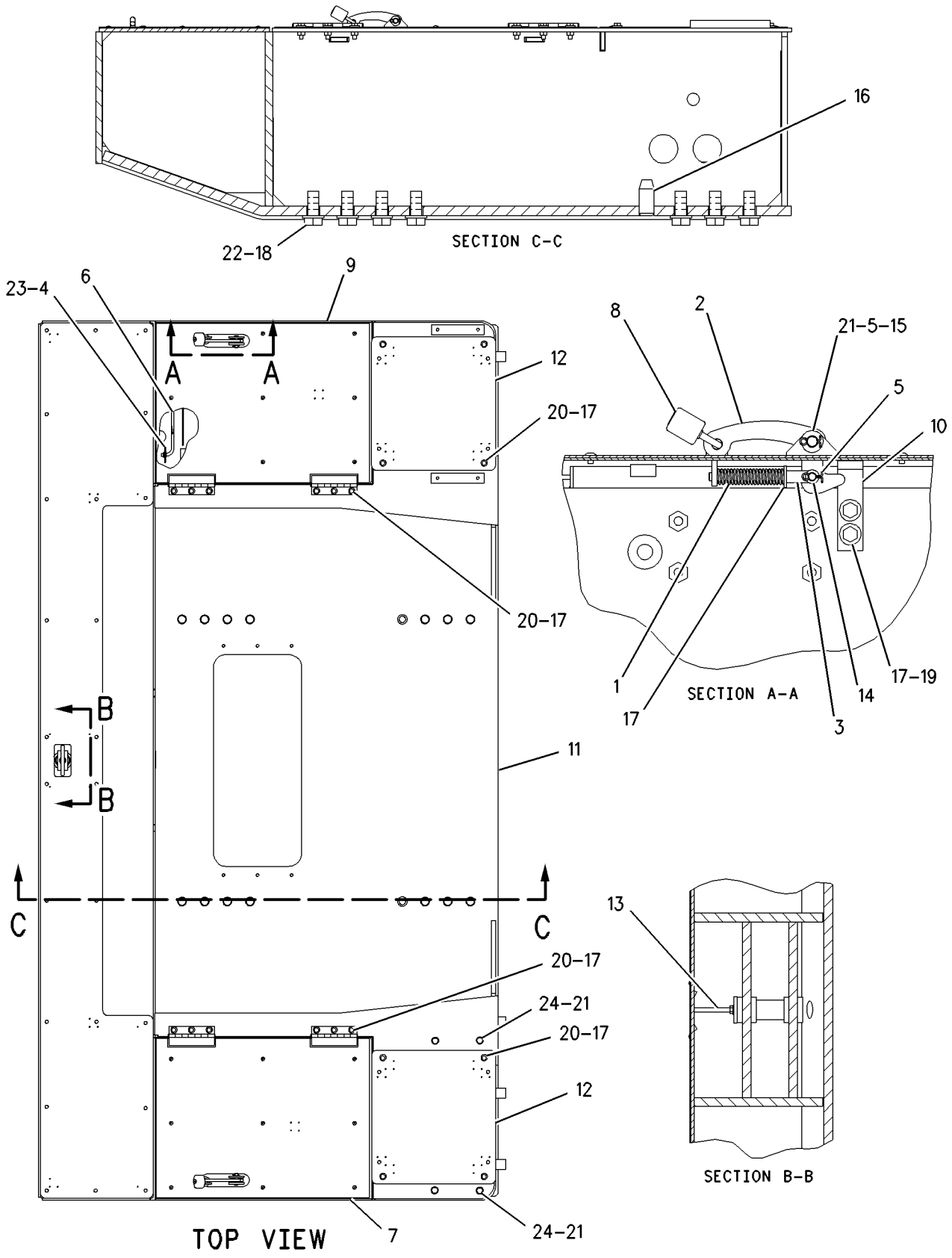
PART OF 230-3275 CHASSIS AR

SMCS-7156 **i01972685**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1B-9920**	2	SPRING	
	2	1	**1H-7365**	2	HANDLE-LATCH	
	3	1	**1H-7366**	2	ROD	
	4	1	**3B-4610**	2	PIN-COTTER	
	5	1	**3B-4617**	4	PIN-COTTER	
	6	1	**4E-2732**	2	ROD AS	
					(EACH INCLUDES)	
		1	**8T-4121**	3	WASHER-HARD (11X21X2.5-MM THK)	
	7	1	**208-7560**	1	DOOR GP-ACCESS	
		1	**208-7564**	1	PLATE	
		1	**208-7566**	2	HINGE	
		1	**1H-7262**	2	LUG	
		1	**1H-7263**	1	LUG	
		1	**2M-3881**	1	LUG	
		1	**6V-2370**	9	RIVET-POP	
A	8	1	**5P-8502**	2	PADLOCK GP	
					(EACH INCLUDES)	
A		1	**5P-8500**	1	KEY	
A		1	**8Y-6364**	1	SLEEVE	
	9	1	**208-7562**	1	DOOR GP-ACCESS	
		1	**208-7565**	1	PLATE	
		1	**208-7566**	2	HINGE	
		1	**1H-7262**	2	LUG	
		1	**1H-7263**	1	LUG	
		1	**2M-3881**	1	LUG	
		1	**6V-2370**	9	RIVET-POP	
	10	1	**7I-3457**	2	STRIKER	
	11	1	**192-1894**	1	BUMPER AS	
M		1	**9R-1733**	3	BOSS (M10X1.5X66.5-MM)	
	12	1	**194-6203**	2	PLATE AS	
					(EACH INCLUDES)	
		1	**6V-1635**	4	RIVET-POP	
Y	13	1	*195-0978*	1	DRAWBAR GP	818
	14	1	**1B-0676**	2	PIN	
	15	1	**3B-8153**	2	PIN-CLEVIS	
	16	1	**6M-1622**	2	DOWEL	
	17	1	**7X-7729**	26	WASHER (11X25X3-MM THK)	
M	18	1	**7Y-5232**	14	BOLT (M30X3.5X70-MM)	
M	19	1	**8T-4136**	4	BOLT (M10X1.5X25-MM)	
M	20	1	**8T-4196**	20	BOLT (M10X1.5X35-MM)	
	21	1	**8T-4223**	6	WASHER-HARD (13.5X25.5X3-MM THK)	
	22	1	**9X-8258**	14	WASHER (33X56X6-MM THK)	
	23	1	**8T-4121**	2	WASHER-HARD (11X21X2.5-MM THK)	
M	24	1	**8T-4192**	4	BOLT (M12X1.75X25-MM)	

A - NOT PART OF THIS GROUP
M - METRIC PART
Y - SEPARATE ILLUSTRATION

193-4746 **BUMPER GP-REAR** (contd.) **i01972685**



GRAPHIC #1 <END> g00890646

360-9824 BUMPER GP-REAR

S/N: BTW215-UP

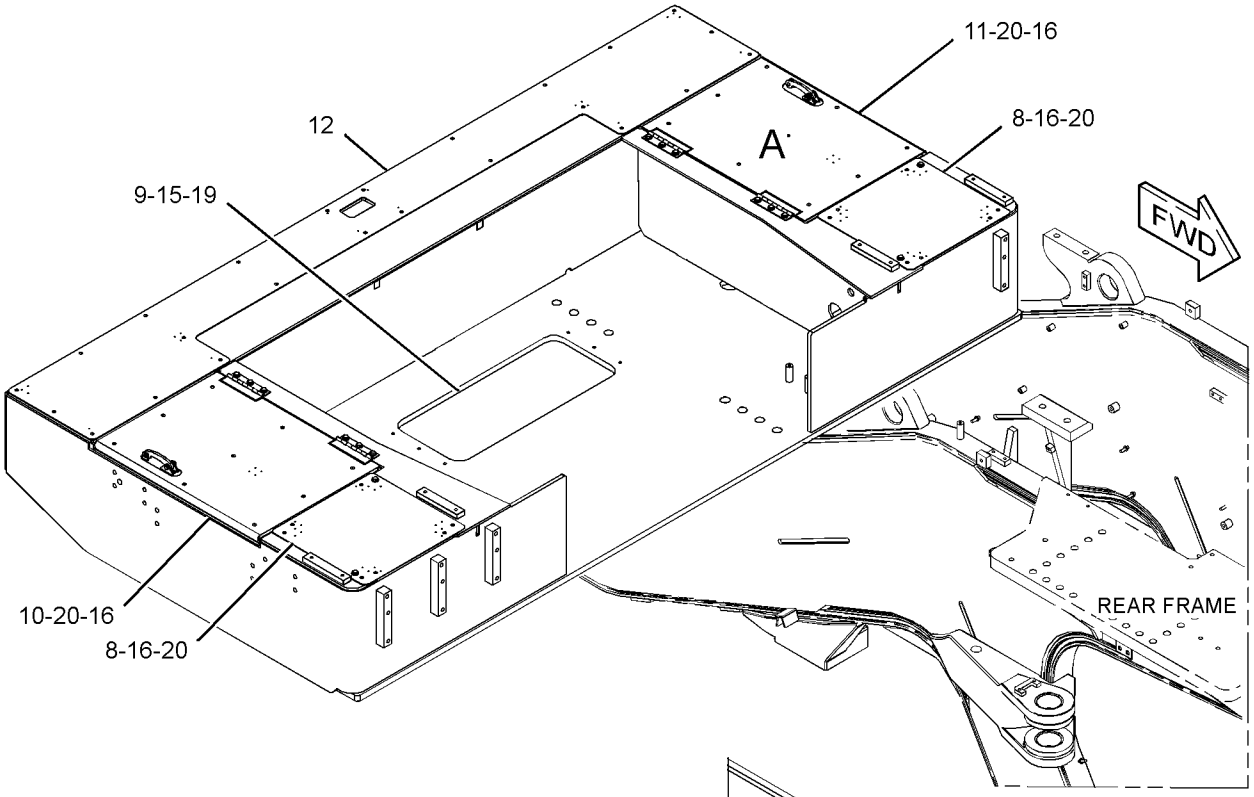
PART OF 360-9826 BUMPER AR-REAR

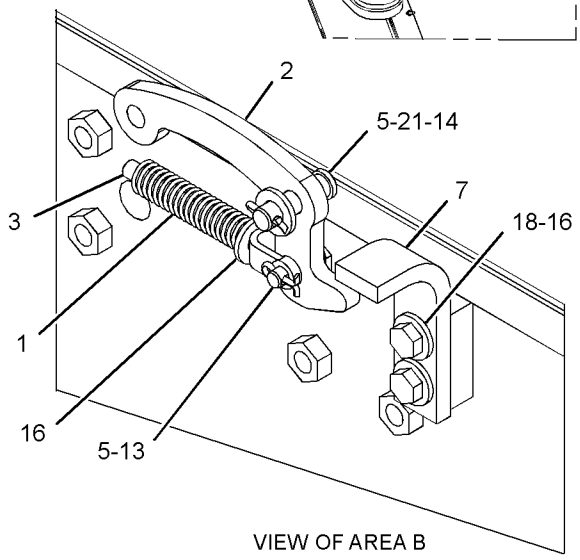
SMCS-7156 **i04551592**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1B-9920**	2	SPRING	
	2	1	**1H-7365**	2	HANDLE-LATCH	
	3	1	**1H-7366**	2	ROD	
	4	1	**3B-4610**	2	PIN-COTTER	
	5	1	**3B-4617**	4	PIN-COTTER	
	6	1	**4E-2732**	2	ROD AS	
					(EACH INCLUDES)	
		1	**8T-4121**	3	WASHER-HARD (11X21X2.5-MM THK)	
	7	1	**7I-3457**	2	STRIKER	
	8	1	**194-6203**	2	PLATE AS	
	9	1	**195-6491**	1	GUARD	
Y	10	1	**208-7560**	1	DOOR GP-ACCESS (LH)	816
Y	11	1	**208-7562**	1	DOOR GP-ACCESS (RH)	817
	12	1	**329-7438**	1	BUMPER AS	
	13	1	**1B-0676**	2	PIN	
	14	1	**3B-8153**	2	PIN-CLEVIS	
	15	1	**7X-0590**	2	WASHER-HARD (13.5X44.5X6-MM THK)	
	16	1	**7X-7729**	22	WASHER (11X25X3-MM THK)	
	17	1	**8T-4121**	2	WASHER-HARD (11X21X2.5-MM THK)	
M	18	1	**8T-4136**	4	BOLT (M10X1.5X25-MM)	
M	19	1	**8T-4183**	2	BOLT (M12X1.75X40-MM)	
M	20	1	**8T-4195**	16	BOLT (M10X1.5X30-MM)	
	21	1	**8T-4223**	2	WASHER-HARD (13.5X25.5X3-MM THK)	

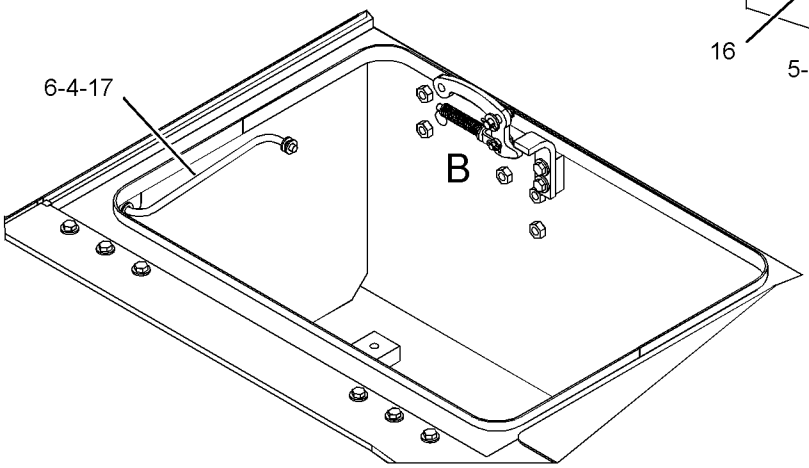
M - METRIC PART
Y - SEPARATE ILLUSTRATION

360-9824 **BUMPER GP-REAR (**contd.**)** **i04551592**





VIEW OF AREA B



VIEW OF AREA A
(PARTS REMOVED FOR CLARITY)

GRAPHIC #1 <END> g02726631

191-8445 COVER GP-ACCESS–RADIATOR

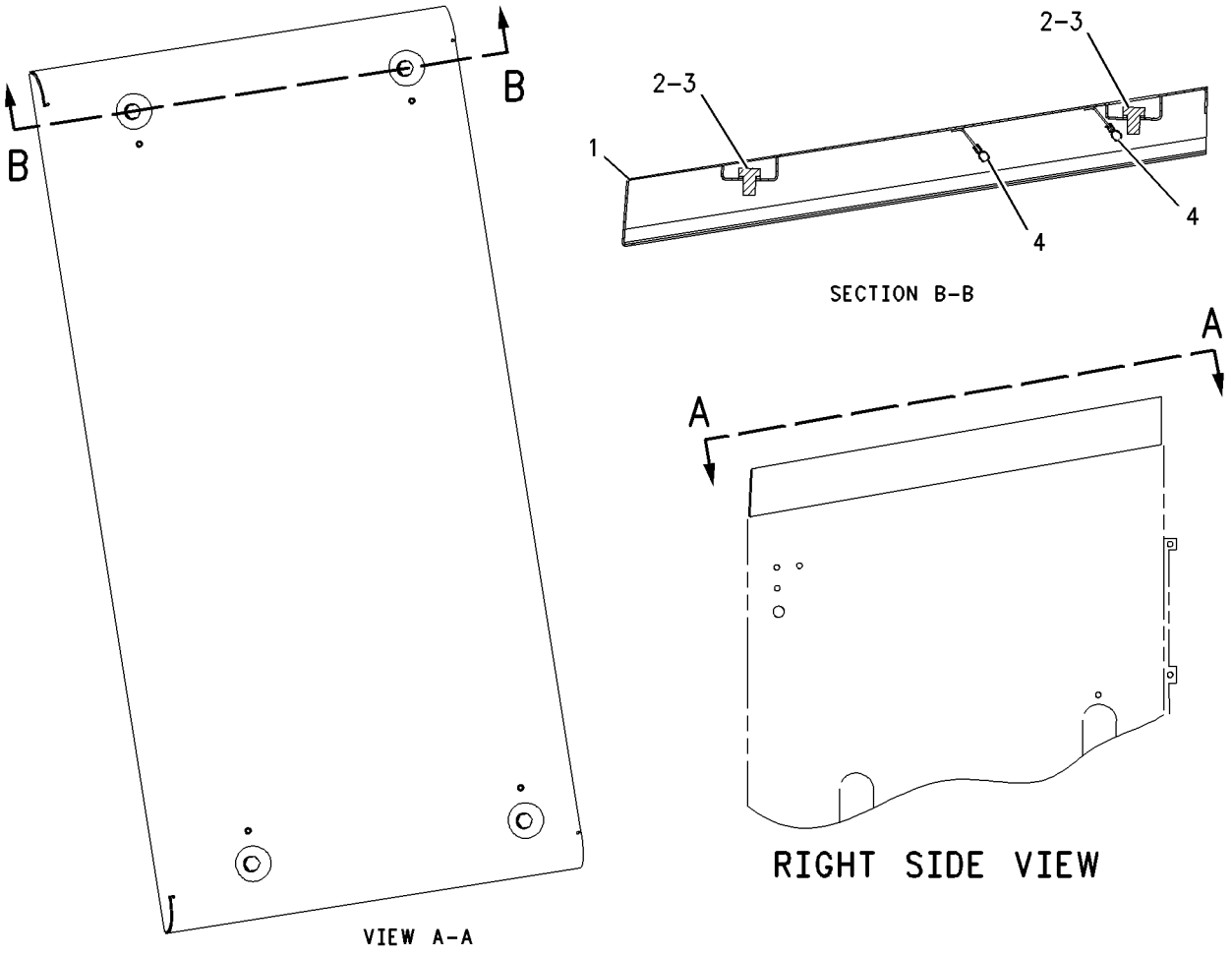
S/N: BTW1-UP

PART OF 276-2543 RADIATOR AR

SMCS-726A **i01466722**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	*191-8446*	1	PANEL AS	
M		1	**8T-3490**	4	NUT-WELD (M10X1.5-THD)	
	2	1	**8T-4123**	4	WASHER (3.62X5.75X0.375-MM THK)	
M	3	1	**8T-4780**	4	BOLT (M20X2.5X30-MM)	
D	4	1	**5P-7211**	2	SEAL (1.9M EACH)	

D - ORDER BY THE METER
M - METRIC PART



GRAPHIC #1 <END> g00765819

210-5652 COVER GP-FRAME–FRONT

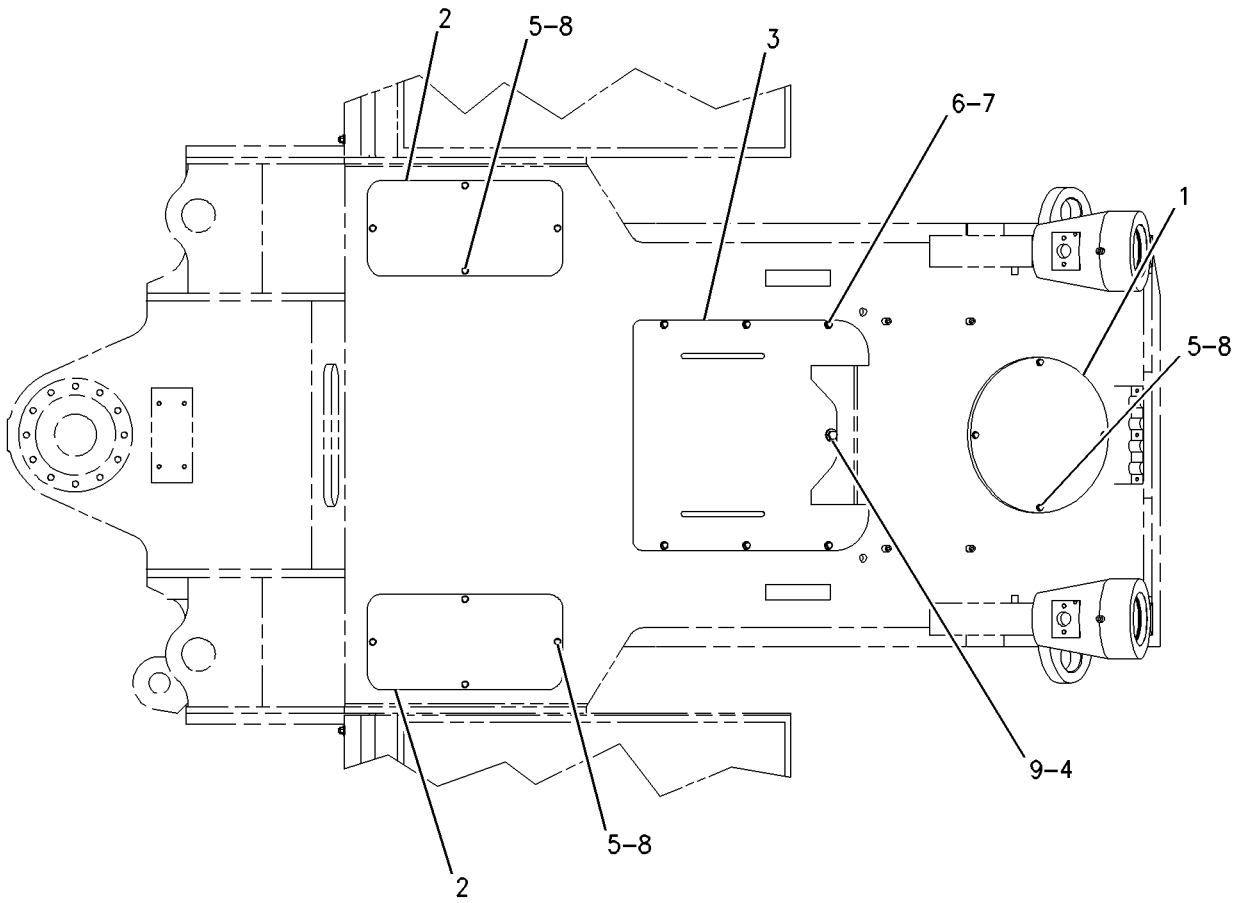
S/N: BTW1-UP

PART OF 230-3275 CHASSIS AR

SMCS-7051 **i01706327**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**195-9971**	1	COVER	
	2	1	**195-9973**	2	COVER	
	3	1	**210-8581**	1	COVER AS	
	4	1	**3E-9411**	1	WASHER-HARD (17.5X38X6-MM THK)	
M	5	1	**8T-4185**	12	BOLT (M10X1.5X50-MM)	
M	6	1	**8T-4195**	6	BOLT (M10X1.5X30-MM)	
	7	1	**7X-7729**	6	WASHER (11X25X3-MM THK)	
	8	1	**8T-4121**	12	WASHER-HARD (11X21X2.5-MM THK)	
M	9	1	**8T-4190**	1	BOLT (M16X2X25-MM)	

M - METRIC PART



GRAPHIC #1 <END> g00853218

193-5950 DOOR GP-ACCESS–RH

S/N: BTW1-UP

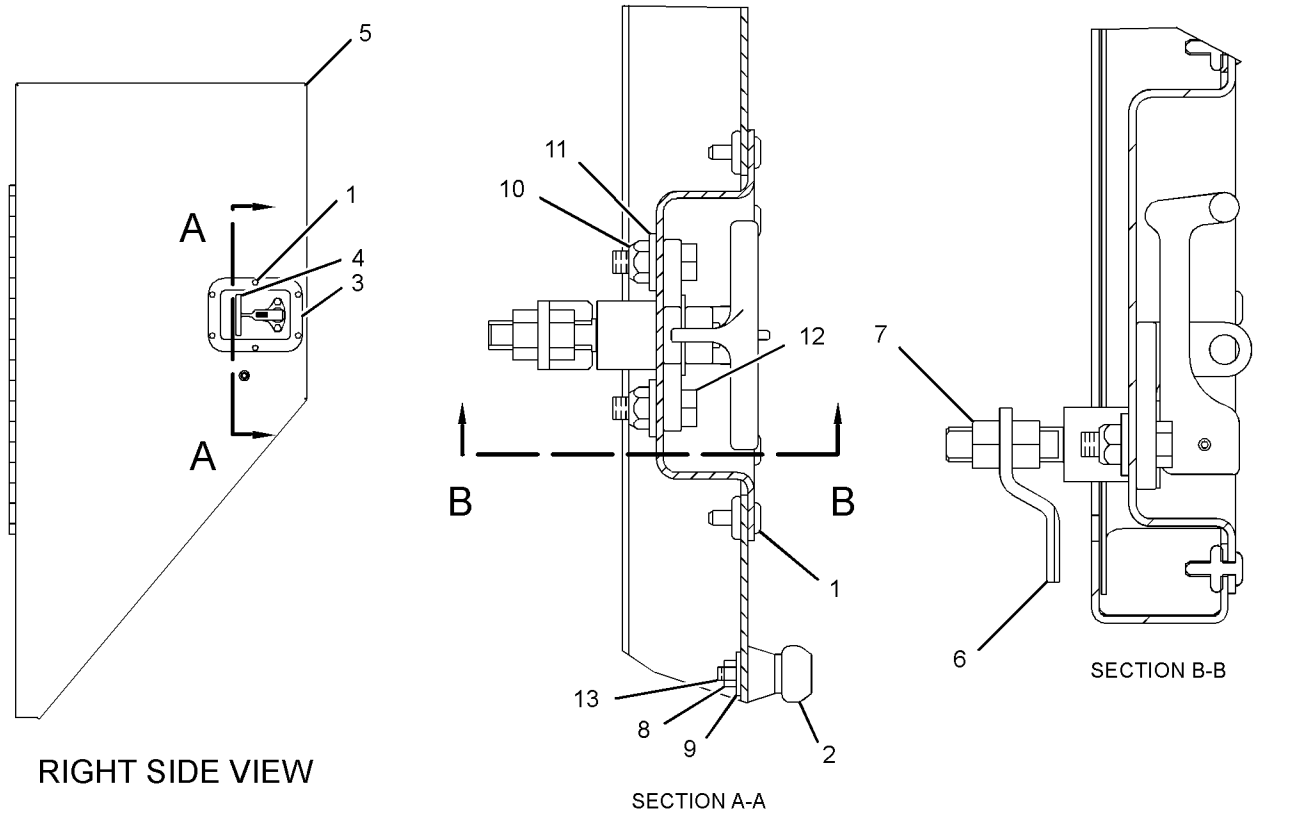
PART OF 193-5952 PANEL GP-SIDE

SMCS-7273 **i03139170**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6V-2370**	6	RIVET-POP	
	2	1	**9R-8538**	1	PLUNGER (LATCH)	
	3	1	**101-4183**	1	PLATE	
	4	1	**160-6328**	1	LATCH AS	
		1	**6H-3956**	1	PIN	
		1	**7X-0766**	1	SPRING-LATCH	
		1	**8Y-3966**	1	WASHER (14.7X35X1.57-MM THK)	
		1	**8Y-3998**	1	HANDLE-LATCH	
		1	**8Y-3999**	1	BRACKET-MOUNTING	
		1	**166-7209**	1	SHAFT	
	5	1	**193-5949**	1	DOOR AS	
	6	1	**194-4172**	1	PAWL	
M	7	1	**139-6366**	2	NUT (M14X2-THD)	
M	8	1	**5C-2890**	1	NUT (M6X1-THD)	
	9	1	**5P-4115**	1	WASHER-HARD (7.2X19X2-MM THK)	
M	10	1	**6V-7744**	2	LOCKNUT (M10X1.5-THD)	
	11	1	**7X-7729**	2	WASHER (11X25X3-MM THK)	
M	12	1	**8T-4195**	2	BOLT (M10X1.5X30-MM)	
M	13	1	**8T-4971**	1	BOLT (M6X1X30-MM)	

M - METRIC PART

193-5950 **DOOR GP-ACCESS (**contd.**)** **i03139170**



GRAPHIC #1 <END> g01618220

193-7507 DOOR GP-ACCESS–LH

S/N: BTW1-UP

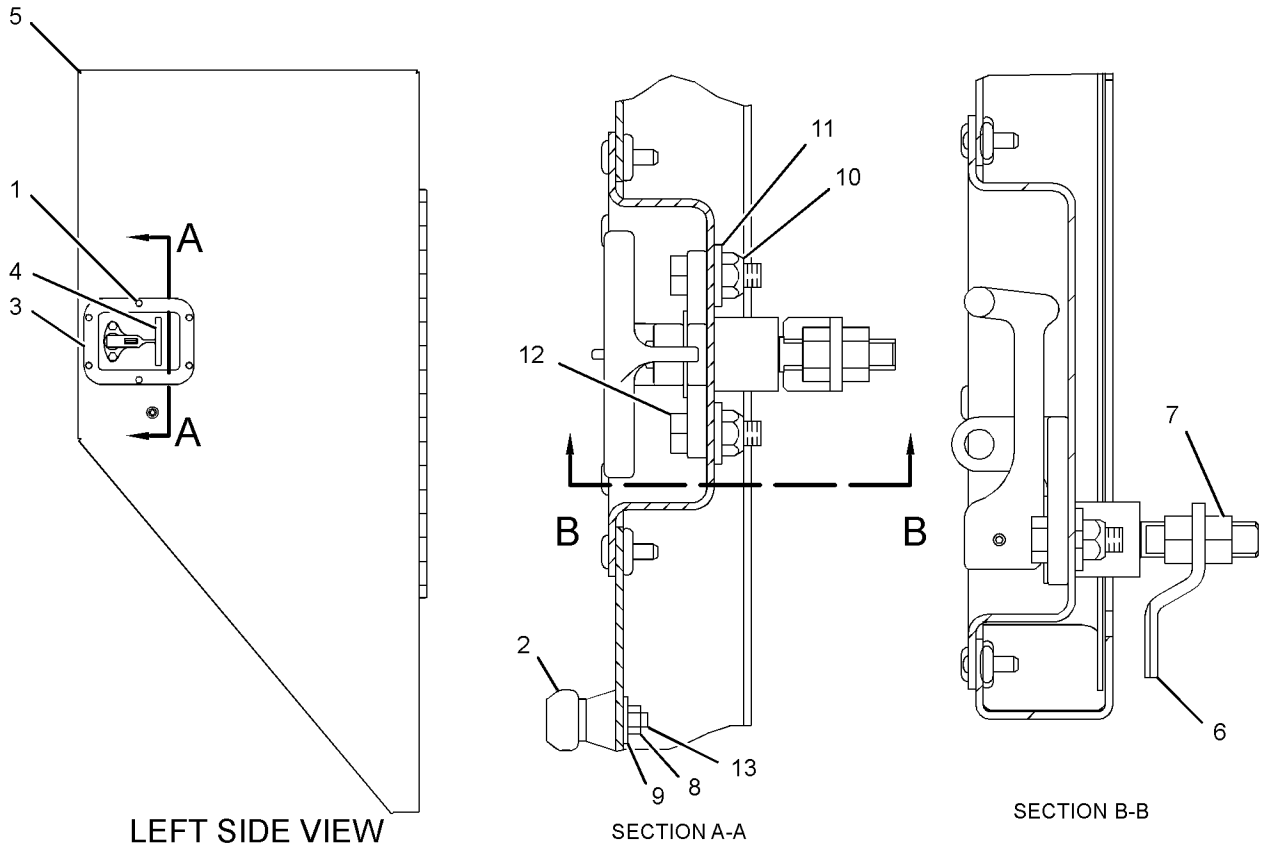
PART OF 193-4016 PANEL GP-SIDE

SMCS-7273 **i03139171**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6V-2370**	6	RIVET-POP	
	2	1	**9R-8538**	1	PLUNGER (LATCH)	
	3	1	**101-4183**	1	PLATE	
	4	1	**160-6328**	1	LATCH AS	
		1	**6H-3956**	1	PIN	
		1	**7X-0766**	1	SPRING-LATCH	
		1	**8Y-3966**	1	WASHER (14.7X35X1.57-MM THK)	
		1	**8Y-3998**	1	HANDLE-LATCH	
		1	**8Y-3999**	1	BRACKET-MOUNTING	
		1	**166-7209**	1	SHAFT	
	5	1	**193-4014**	1	DOOR AS	
	6	1	**194-4172**	1	PAWL	
M	7	1	**139-6366**	2	NUT (M14X2-THD)	
M	8	1	**5C-2890**	1	NUT (M6X1-THD)	
	9	1	**5P-4115**	1	WASHER-HARD (7.2X19X2-MM THK)	
M	10	1	**6V-7744**	2	LOCKNUT (M10X1.5-THD)	
	11	1	**7X-7729**	2	WASHER (11X25X3-MM THK)	
M	12	1	**8T-4195**	2	BOLT (M10X1.5X30-MM)	
M	13	1	**8T-4971**	1	BOLT (M6X1X30-MM)	

M - METRIC PART

193-7507 **DOOR GP-ACCESS (**contd.**)** **i03139171**



GRAPHIC #1 <END> g01618252

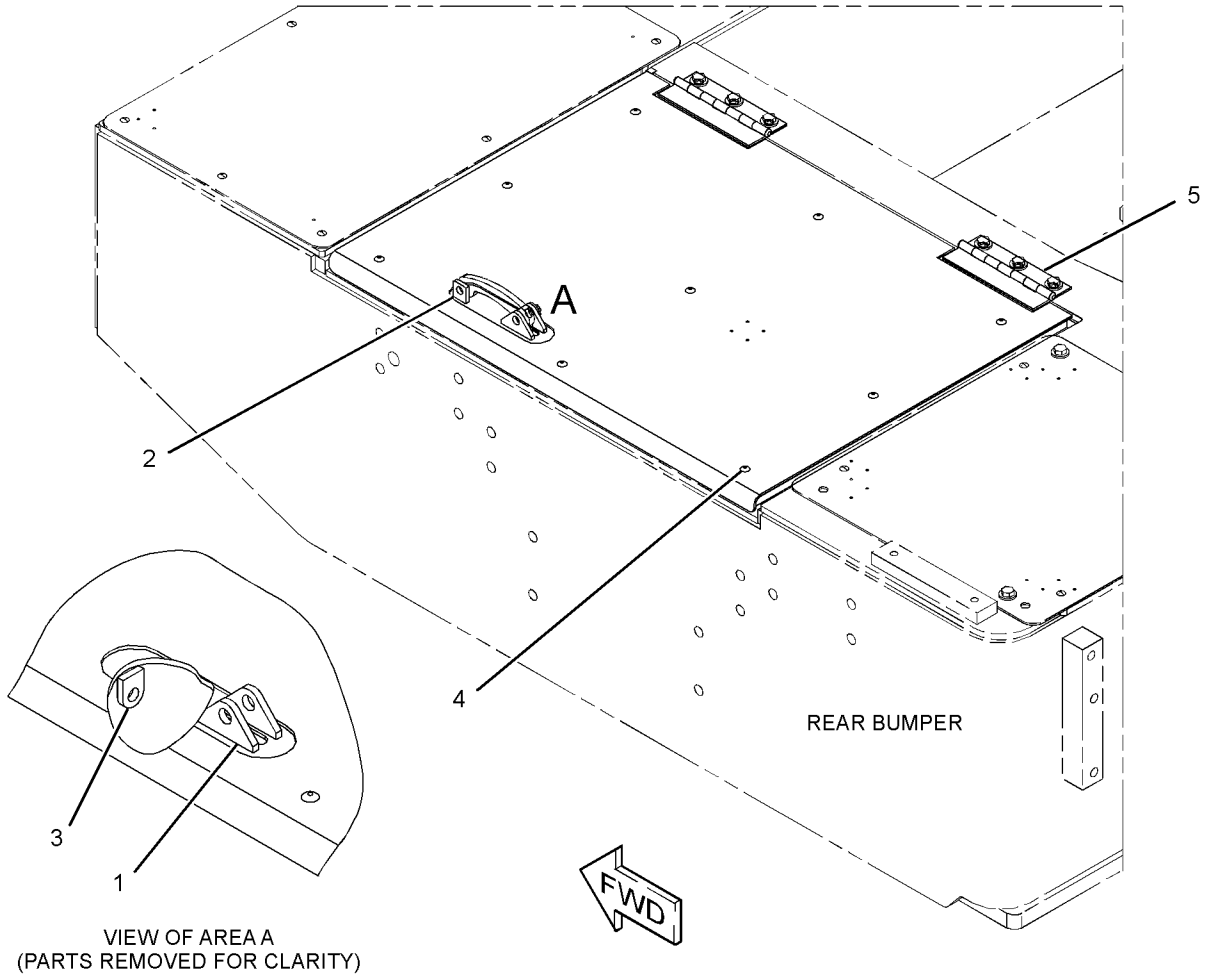
208-7560 DOOR GP-ACCESS–LH

S/N: BTW1-UP

PART OF 360-9824 BUMPER GP-REAR

SMCS-7273 **i04556223**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1H-7262**	2	LUG	
	2	1	**1H-7263**	1	LUG	
	3	1	**2M-3881**	1	LUG	
	4	1	**6V-2370**	9	RIVET-POP	
	5	1	**208-7566**	2	HINGE	



GRAPHIC #1 <END> g02795312

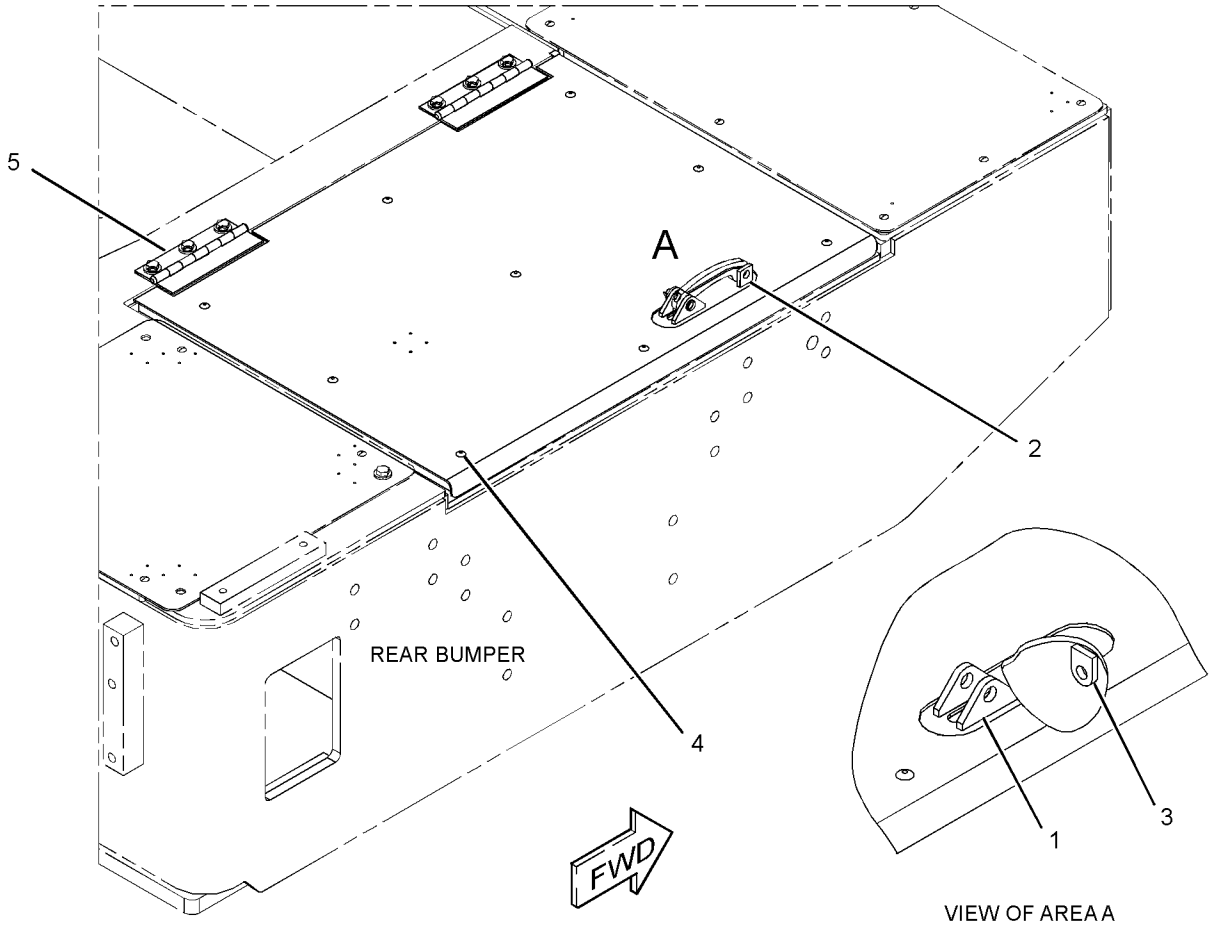
208-7562 DOOR GP-ACCESS—RH

S/N: BTW1-UP

PART OF 360-9824 BUMPER GP-REAR

SMCS-7273 **i04556225**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1H-7262**	2	LUG	
	2	1	**1H-7263**	1	LUG	
	3	1	**2M-3881**	1	LUG	
	4	1	**6V-2370**	9	RIVET-POP	
	5	1	**208-7566**	2	HINGE	



VIEW OF AREA A
(PARTS REMOVED FOR CLARITY)

GRAPHIC #1 <END> g02794958

195-0978 DRAWBAR GP

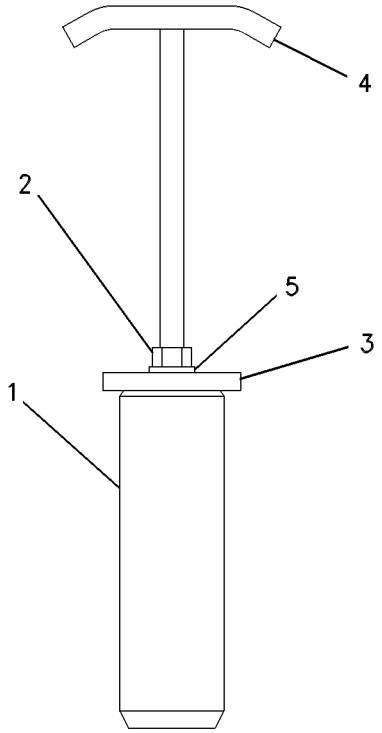
S/N: BTW1-UP

PART OF 193-4746 BUMPER GP-REAR, 360-9828 MOUNTING GP-BUMPER

SMCS-7105, 7119

i01641113

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1V-0134**	1	PIN	
	2	1	**3H-3680**	1	NUT-JAM (1/2-13-THD)	
	3	1	**4V-1074**	1	PLATE	
	4	1	**212-0853**	1	HANDLE AS	
	5	1	**8T-4223**	1	WASHER-HARD (13.5X25.5X3-MM THK)	



GRAPHIC #1

<END>

g00295887

231-0810 ENCLOSURE GP-HYDRAULIC TANK

S/N: BTW1-185

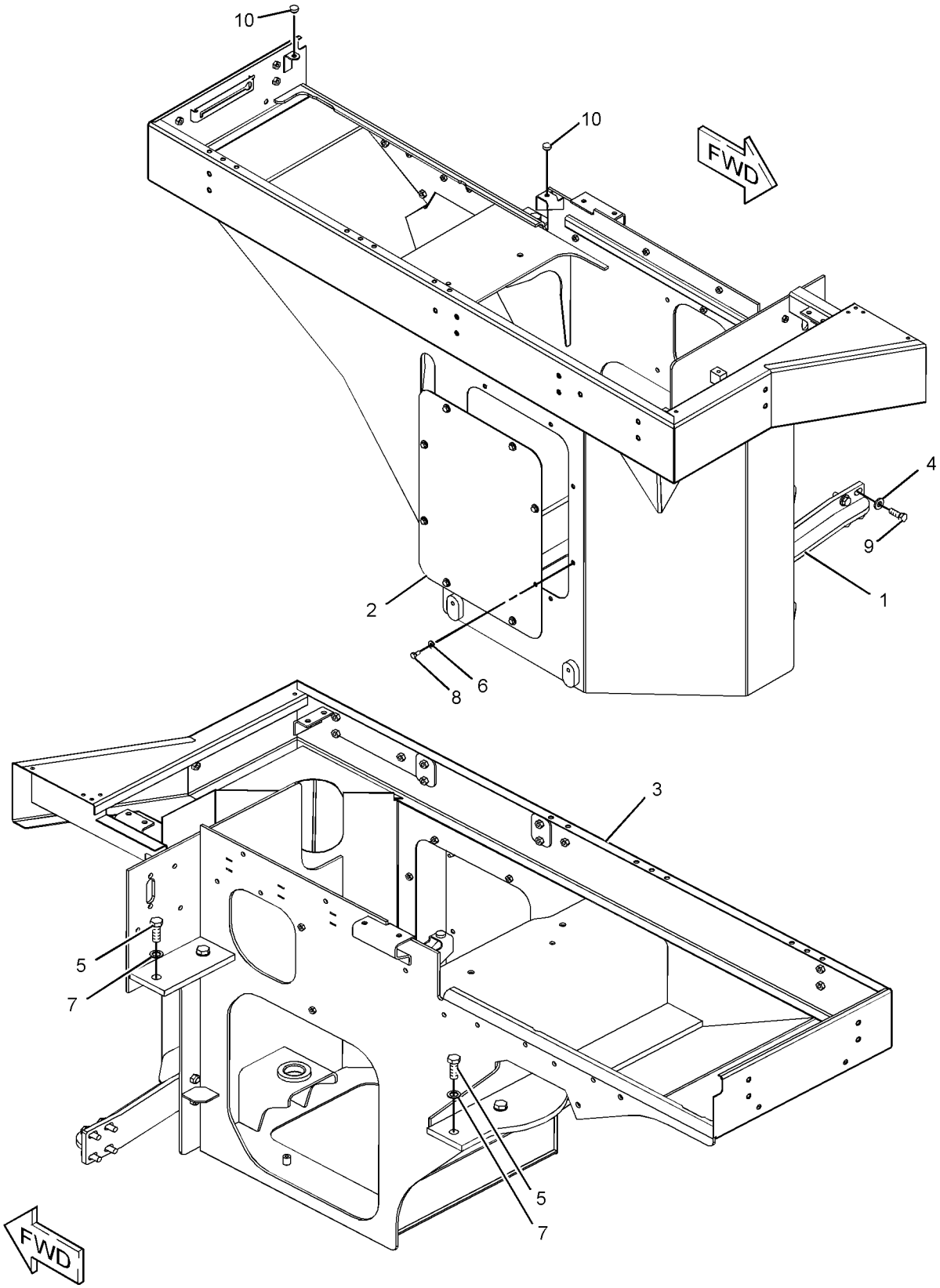
PART OF 230-3275 CHASSIS AR

SMCS-5056 **i02318864**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**213-3259**	1	PLATE AS	
	2	1	**231-0815**	1	COVER	
	3	1	**261-9430**	1	ENCLOSURE AS-HYDRAULIC TANK	
		1	**149-2052**	2	PLATE AS	
					(EACH INCLUDES)	
M		1	**8T-3597**	2	NUT-WELD (M12X1.75-THD)	
M		1	**8T-3490**	26	NUT-WELD (M10X1.5-THD)	
M		1	**9R-2613**	1	BOSS-WELD (M10X1.5X25-MM)	
M		1	**9X-6269**	4	NUT-WELD (M16X2-THD)	
		1	**7I-7500**	1	PLATE	
M		1	**8T-3597**	16	NUT-WELD (M12X1.75-THD)	
B	4	1	**7X-0515**	8	WASHER-HARD (17X35X5-MM THK)	
M	5	1	**7X-2563**	4	BOLT (M20X2.5X60-MM)	
	6	1	**7X-7729**	8	WASHER (11X25X3-MM THK)	
	7	1	**8T-4123**	4	WASHER (3.62X5.75X0.375-MM THK)	
M	8	1	**8T-4137**	8	BOLT (M10X1.5X20-MM)	
BM	9	1	**8T-7338**	8	BOLT (M16X2X45-MM)	
	10	1	**9M-5884**	2	BUMPER	

B - USE AS REQUIRED
M - METRIC PART

231-0810 **ENCLOSURE GP-HYDRAULIC TANK (**contd.**)** **i02318864**



GRAPHIC #1 <END> g01214924

335-9326 ENCLOSURE GP-HYDRAULIC TANK

S/N: BTW186-UP

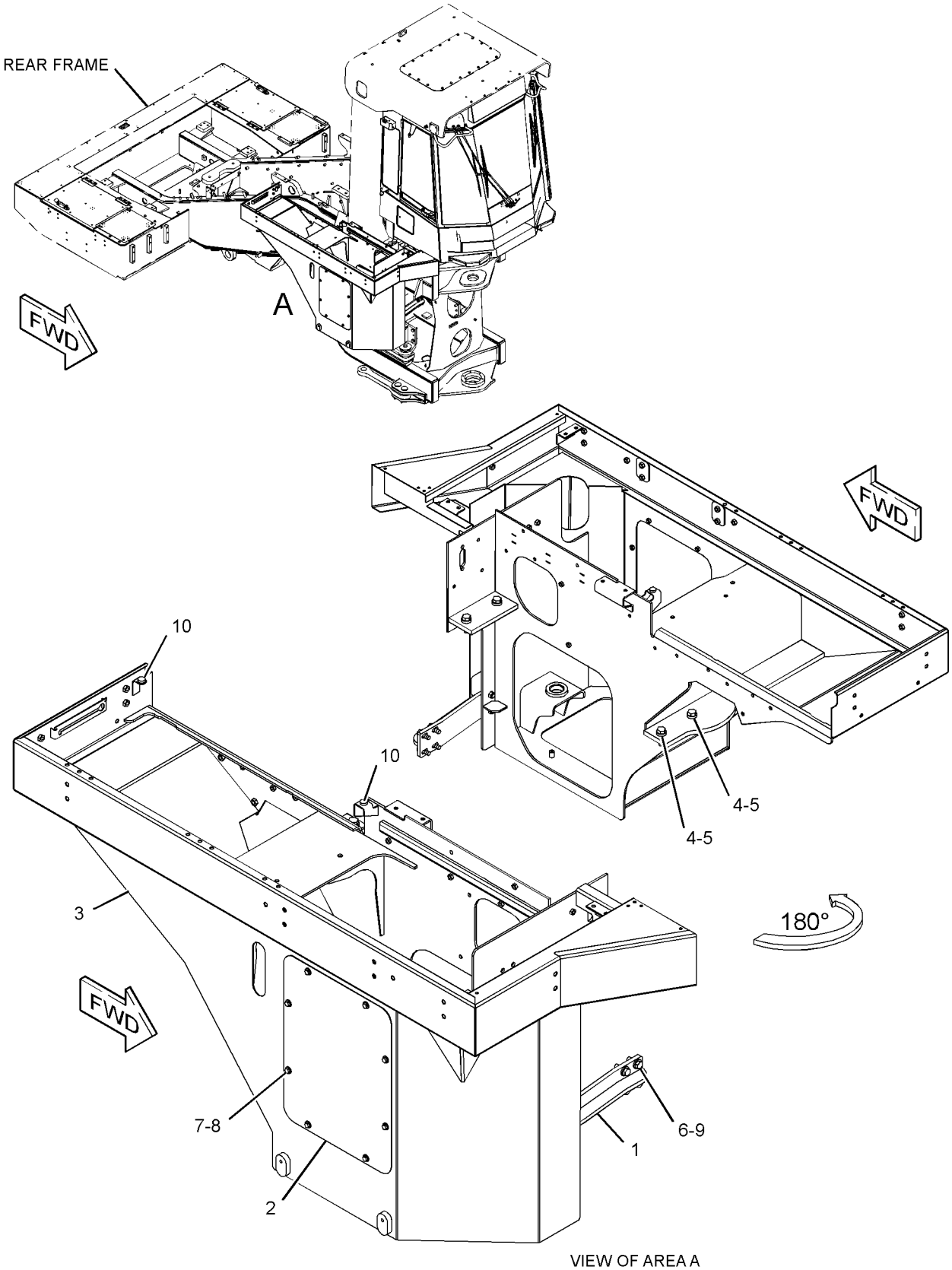
PART OF 230-3275 CHASSIS AR

SMCS-5056 **i03563520**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**213-3259**	1	PLATE AS	
	2	1	**231-0815**	1	COVER	
	3	1	**335-9325**	1	ENCLOSURE AS-HYDRAULIC TANK	
	4	1	**198-4781**	4	WASHER-HARD (22X40X10-MM THK)	
M	5	1	**262-7686**	4	BOLT (M20X2.5X65-MM)	
	6	1	**7X-0515**	8	WASHER-HARD (17X35X5-MM THK)	
	7	1	**7X-7729**	8	WASHER (11X25X3-MM THK)	
M	8	1	**8T-4137**	8	BOLT (M10X1.5X20-MM)	
M	9	1	**8T-7338**	8	BOLT (M16X2X45-MM)	
	10	1	**9M-5884**	2	BUMPER	

M - METRIC PART

335-9326 **ENCLOSURE GP-HYDRAULIC TANK (**contd.**)** **i03563520**



VIEW OF AREA A

GRAPHIC #1 <END> g01952021

325-7397 FASTENER GP-WALKWAY

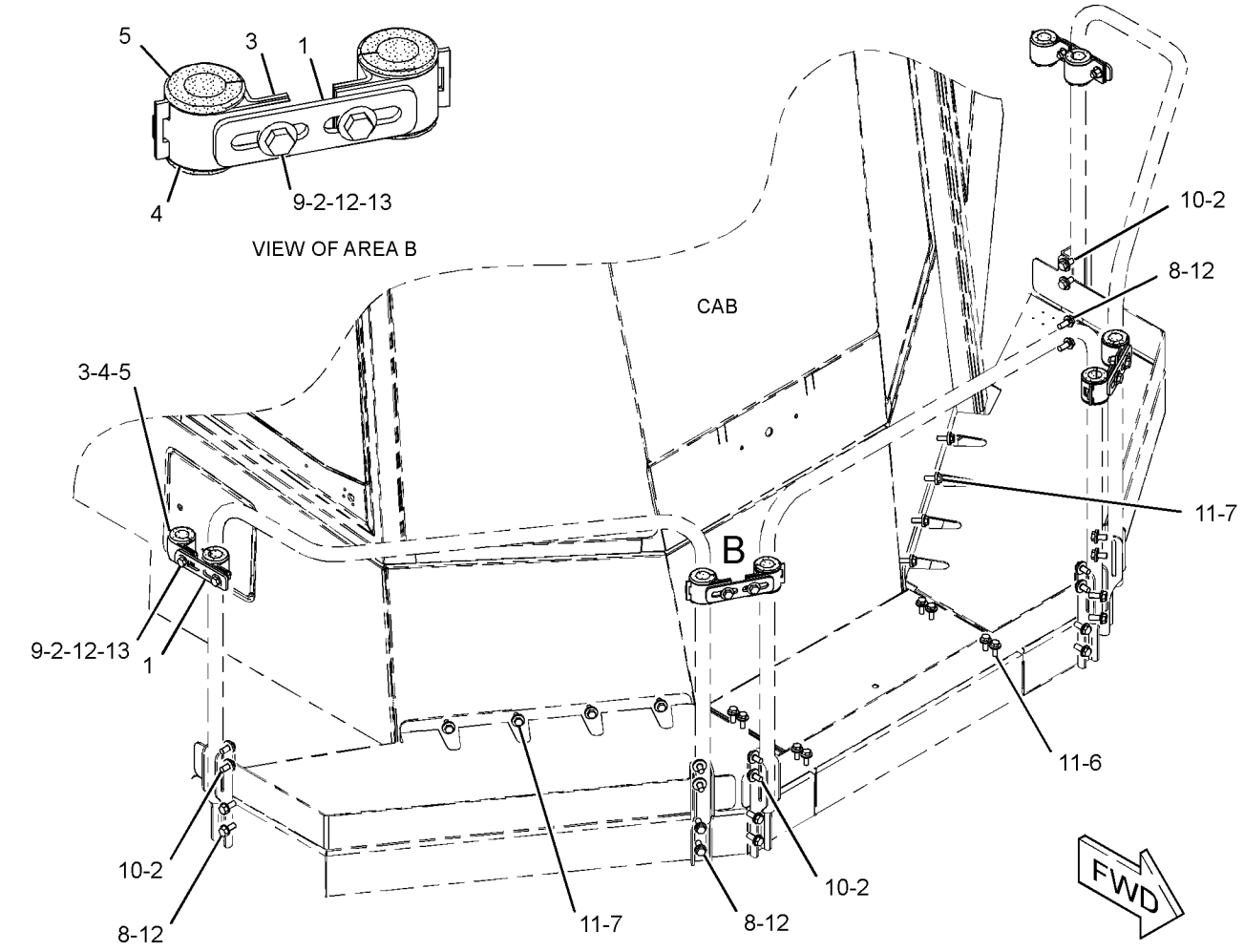
S/N: BTW184-UP

PART OF 239-3903 WALKWAY GP

SMCS-7255 **i03539139**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**115-3580**	4	PLATE	
	2	1	**5P-1076**	20	WASHER-HARD (13.5X30X4-MM THK)	
	3	1	**5P-7468**	8	CLIP (SLOT)	
	4	1	**5P-7469**	8	CLIP (TAB)	
	5	1	**6V-1874**	8	GROMMET (31-MM ID)	
	6	1	**7X-7729**	8	WASHER (11X25X3-MM THK)	
	7	1	**8T-2561**	8	WASHER-HARD (10.5X28.5X5-MM THK)	
M	8	1	**8T-4139**	12	BOLT (M12X1.75X30-MM)	
M	9	1	**8T-4183**	8	BOLT (M12X1.75X40-MM)	
M	10	1	**8T-4192**	12	BOLT (M12X1.75X25-MM)	
M	11	1	**8T-4195**	16	BOLT (M10X1.5X30-MM)	
	12	1	**8T-4223**	20	WASHER-HARD (13.5X25.5X3-MM THK)	
M	13	1	**8T-4244**	8	NUT (M12X1.75-THD)	

M - METRIC PART



GRAPHIC #1 <END> g02127393

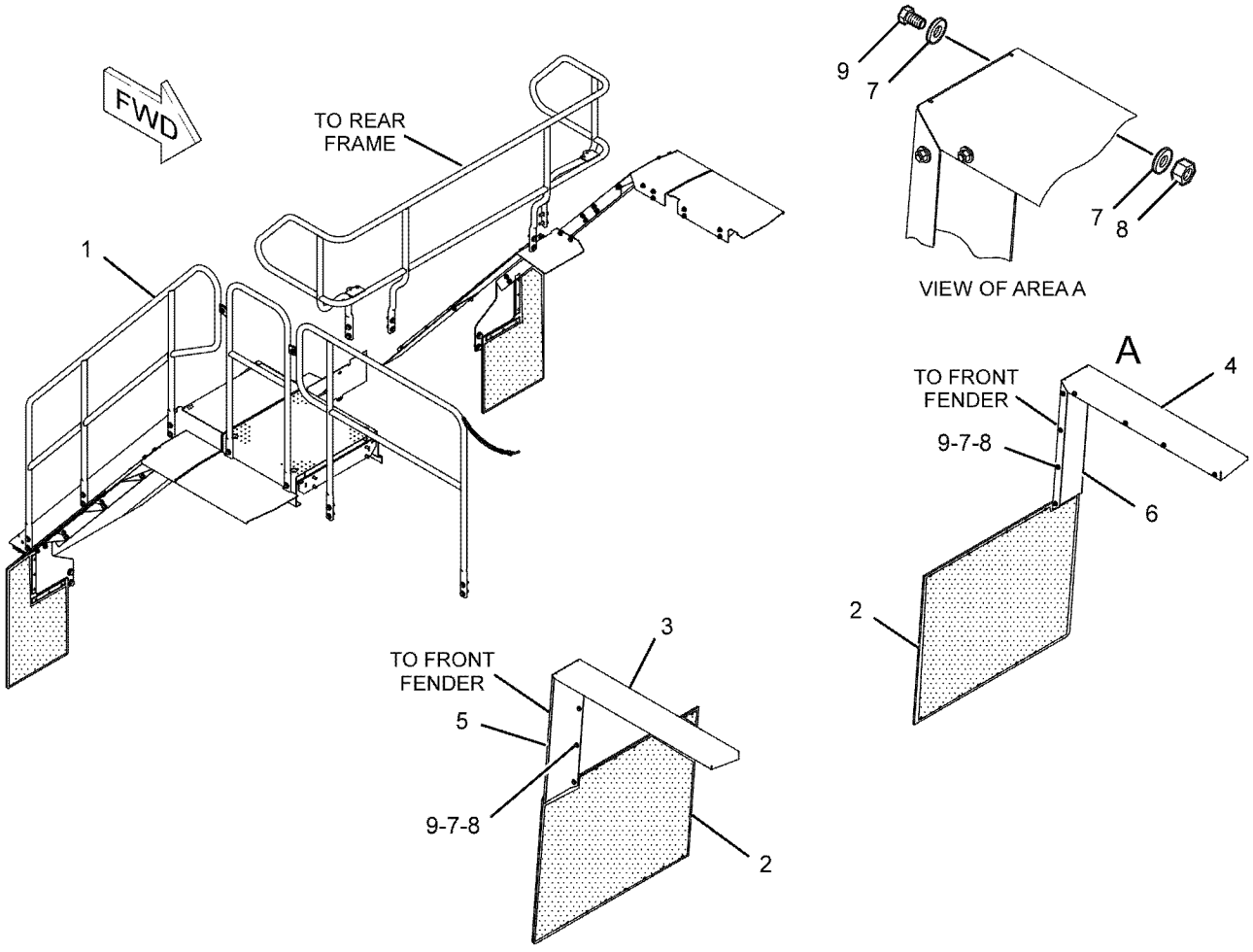
220-6084 FENDER GP

S/N: BTW1-UP
CANNOT BE USED WITH 219-7515—PAGE: 879
PART OF 353-4324, 430-5429 OPTION AR-ROADING

SMCS-7252 **i02021320**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**219-7516**	1	FENDER GP-REAR	826
	2	1	**228-8853**	2	DEFLECTOR	
	3	1	**228-8854**	1	SHEET	
	4	1	**228-8855**	1	SHEET	
	5	1	**228-8856**	1	SHEET	
	6	1	**228-8857**	1	SHEET	
	7	1	**7X-7729**	40	WASHER (11X25X3-MM THK)	
M	8	1	**8T-4133**	20	NUT (M10X1.5-THD)	
M	9	1	**8T-4136**	20	BOLT (M10X1.5X25-MM)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g01050649

210-5651 FENDER GP-FRONT

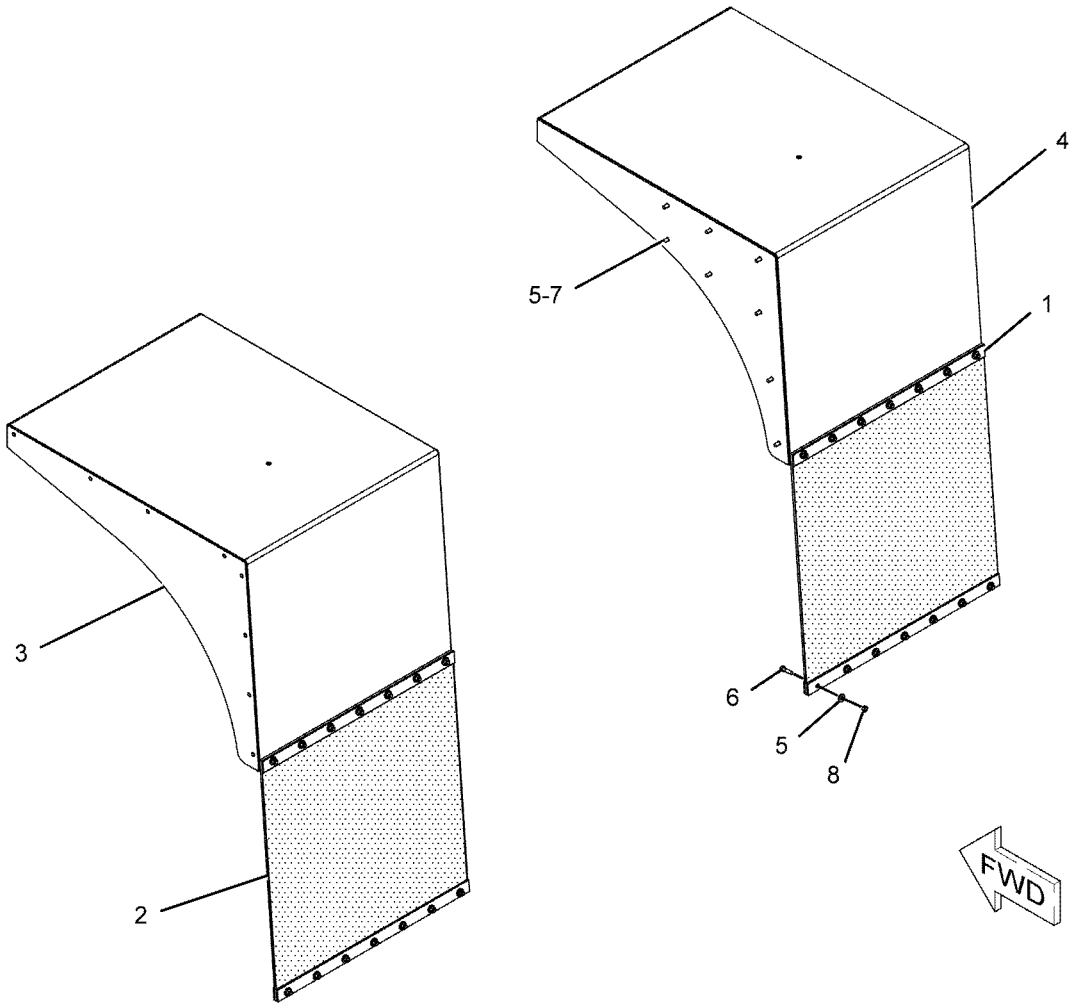
S/N: BTW1-UP

PART OF 230-3275 CHASSIS AR

SMCS-7252 **i01970038**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**210-6916**	6	BAR	
	2	1	**210-6917**	2	DEFLECTOR	
	3	1	**228-8861**	1	FENDER AS (LH)	
	4	1	**228-8860**	1	FENDER AS (RH)	
	5	1	**5P-1076**	72	WASHER-HARD (13.5X30X4-MM THK)	
M	6	1	**8T-4184**	28	BOLT (M12X1.75X45-MM)	
M	7	1	**8T-4139**	16	BOLT (M12X1.75X30-MM)	
M	8	1	**8T-4244**	28	NUT (M12X1.75-THD)	

M - METRIC PART



GRAPHIC #1 <END> g01051223

219-7516 FENDER GP-REAR

S/N: BTW1-183

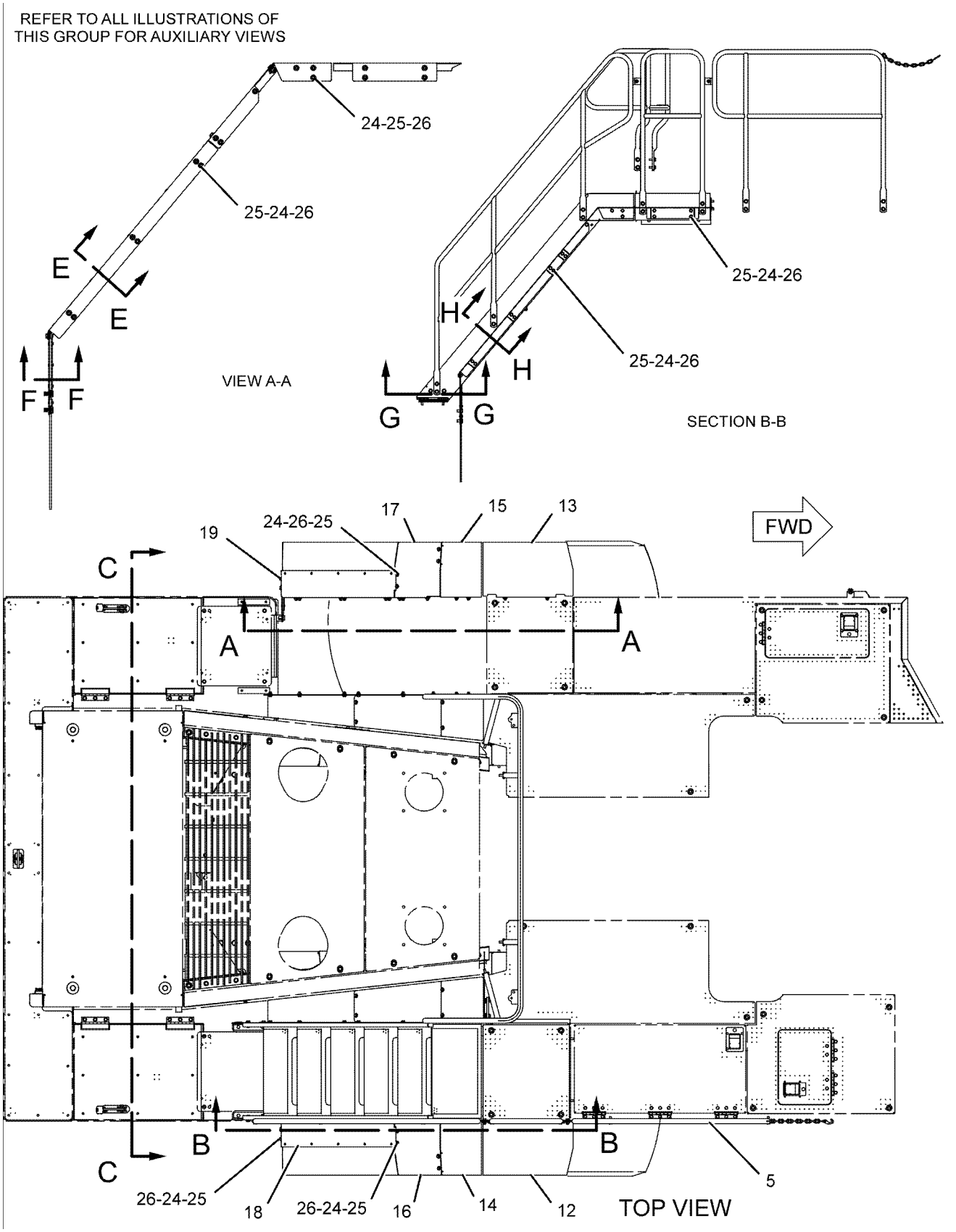
PART OF 220-6084 FENDER GP

SMCS-7252 **i01971457**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**210-7715**	2	FLAP	
	2	2	**211-4337**	2	STRIP	
	3	2	**219-7222**	1	SHEET AS	
M		2	**8T-3490**	2	NUT-WELD (M10X1.5-THD)	
	4	2	**219-7223**	1	SHEET AS	
M		2	**8T-3490**	2	NUT-WELD (M10X1.5-THD)	
Y	5	1	*219-7515*	1	HANDRAIL & STEP GP	879
	6	2	**220-6085**	1	SHEET AS	
M		2	**8T-3490**	2	NUT-WELD (M10X1.5-THD)	
	7	2	**220-6086**	1	SHEET AS	
M		2	**8T-3490**	2	NUT-WELD (M10X1.5-THD)	
	8	2	**220-6087**	1	SHEET	
	9	2	**220-6088**	1	SHEET	
	10	2	**220-6089**	2	PLATE	
	11	2	**226-9703**	2	FLAP	
	12	1	**228-5185**	1	SHEET AS	
	13	1	**228-5187**	1	SHEET AS	
	14	1	**228-5190**	1	SHEET	
	15	1	**228-5191**	1	SHEET	
	16	1	**228-5192**	1	SHEET AS	
	17	1	**228-5194**	1	SHEET AS	
	18	1	**228-5196**	1	SHEET AS	
	19	1	**228-5198**	1	SHEET AS	
	20	2	**174-5807**	22	RIVET-POP	
	21	2	**211-4338**	4	STRIP	
	22	2	**7X-0515**	4	WASHER-HARD (17X35X5-MM THK)	
M	23	2	**7X-2552**	4	BOLT (M16X2X30-MM)	
	24	1,2	**7X-7729**	128	WASHER (11X25X3-MM THK)	
M	25	1,2	**8T-4133**	60	NUT (M10X1.5-THD)	
M	26	1,2	**8T-4136**	68	BOLT (M10X1.5X25-MM)	

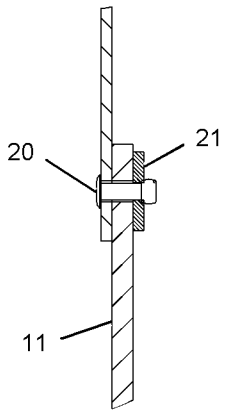
M - METRIC PART
Y - SEPARATE ILLUSTRATION

219-7516 **FENDER GP-REAR** (contd.) **i01971457**

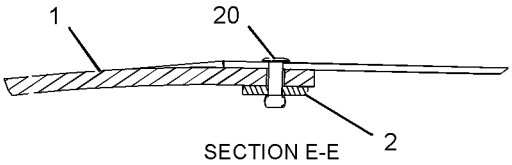


GRAPHIC #1 g01051188

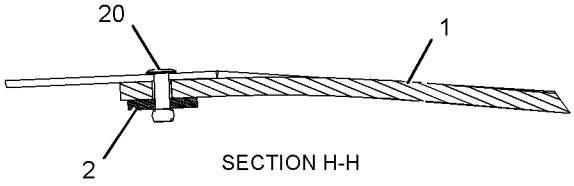
219-7516 **FENDER GP-REAR (**contd.**)** **i01971457**



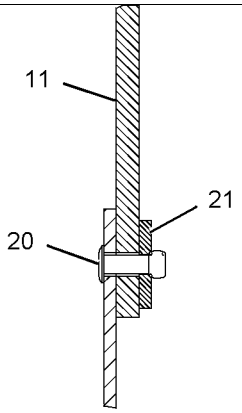
SECTION F-F



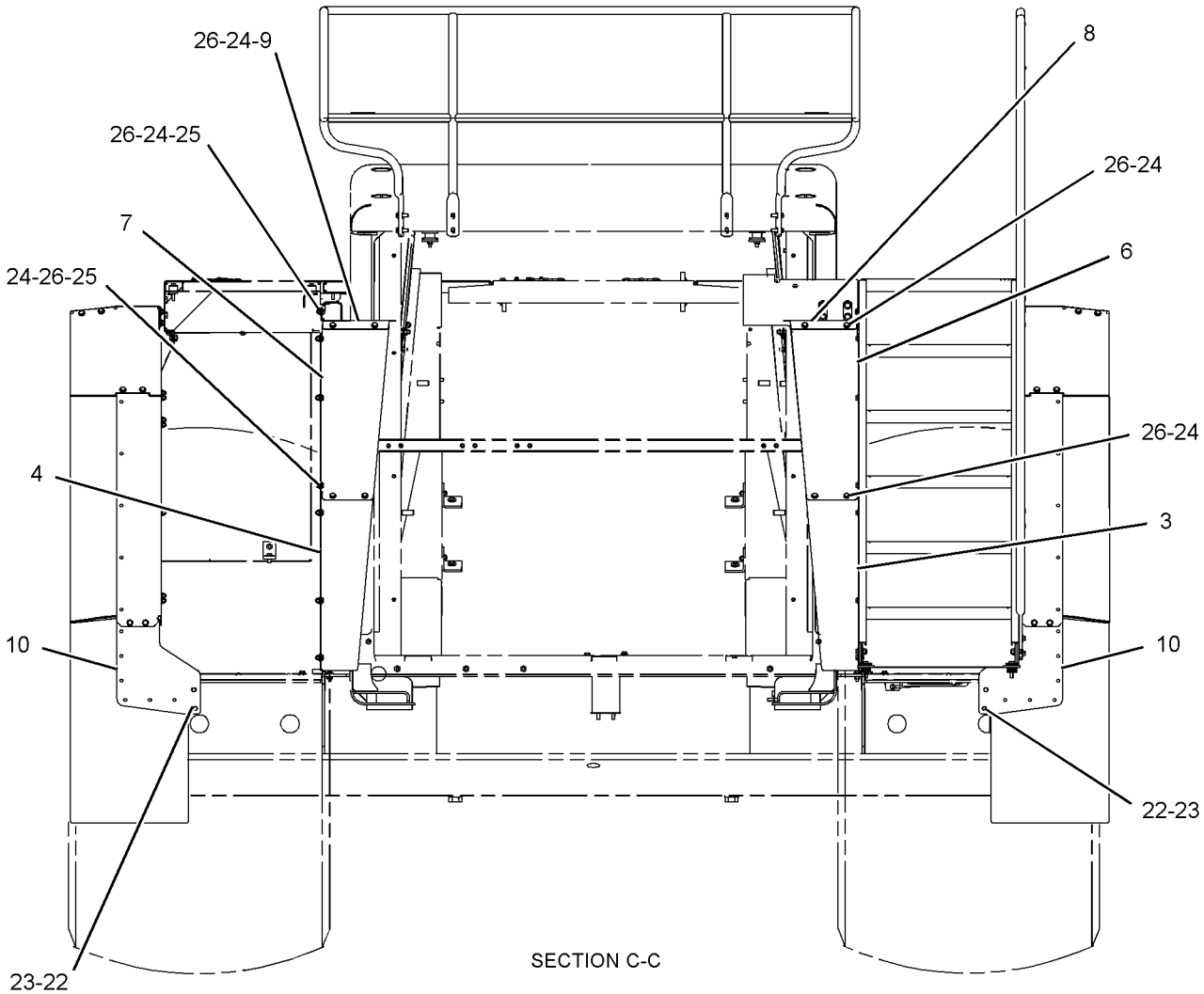
SECTION E-E



SECTION H-H



SECTION G-G



SECTION C-C

GRAPHIC #2

<END>

g01051190

219-7516 FENDER GP-REAR

S/N: BTW184-UP

PART OF 220-6084 FENDER GP

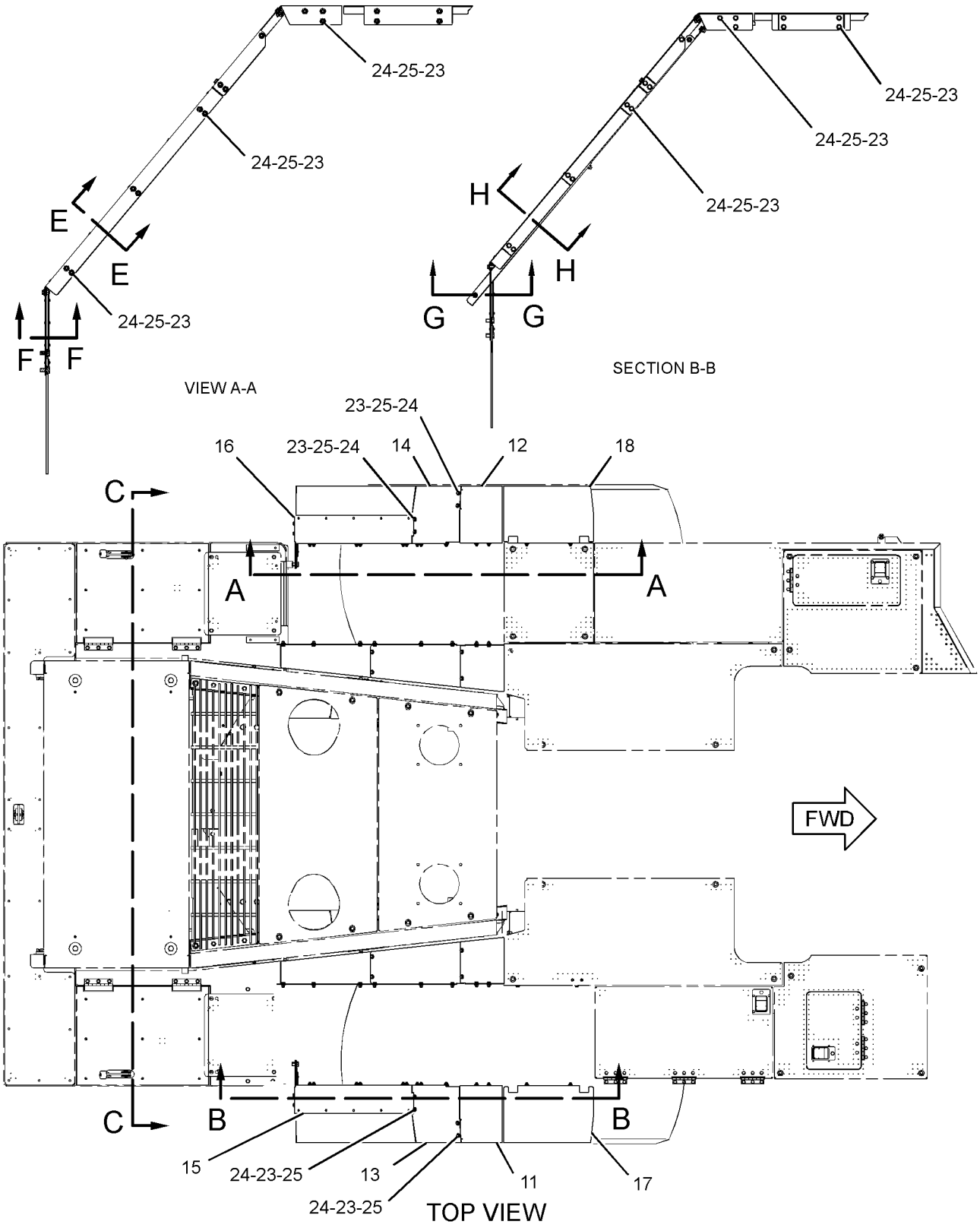
SMCS-7252 **i03537545**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**210-7715**	2	FLAP	
	2	2	**211-4337**	2	STRIP	
	3	2	**219-7222**	1	SHEET AS (RH)	
	4	2	**219-7223**	1	SHEET AS (LH)	
	5	2	**220-6085**	1	SHEET AS (RH)	
	6	2	**220-6086**	1	SHEET AS (LH)	
	7	2	**220-6087**	1	SHEET (RH)	
	8	2	**220-6088**	1	SHEET (LH)	
	9	2	**220-6089**	2	PLATE	
	10	2	**226-9703**	2	FLAP	
	11	1	**228-5190**	1	SHEET (RH)	
	12	1	**228-5191**	1	SHEET (LH)	
	13	1	**228-5192**	1	SHEET AS (RH)	
	14	1	**228-5194**	1	SHEET AS (LH)	
	15	1	**228-5196**	1	SHEET AS (RH)	
	16	1	**228-5198**	1	SHEET AS (LH)	
C	17	1	**325-7340**	1	SHEET AS (RH)	
C	18	1	**325-7342**	1	SHEET AS (LH)	
	19	2	**174-5807**	22	RIVET-POP	
	20	2	**211-4338**	4	STRIP	
	21	2	**7X-0515**	4	WASHER-HARD (17X35X5-MM THK)	
M	22	2	**7X-2552**	4	BOLT (M16X2X30-MM)	
	23	1,2	**7X-7729**	128	WASHER (11X25X3-MM THK)	
M	24	1,2	**8T-4133**	60	NUT (M10X1.5-THD)	
M	25	1,2	**8T-4136**	68	BOLT (M10X1.5X25-MM)	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART

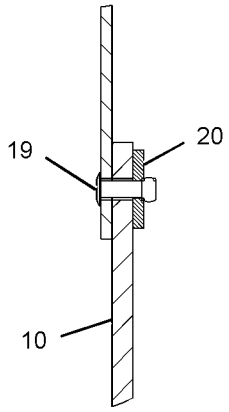
219-7516 **FENDER GP-REAR (**contd.**)** **i03537545**

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

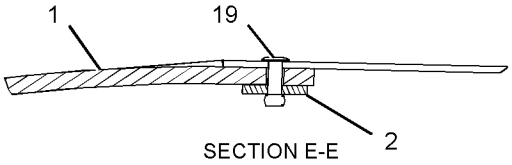


GRAPHIC #1 g01882996

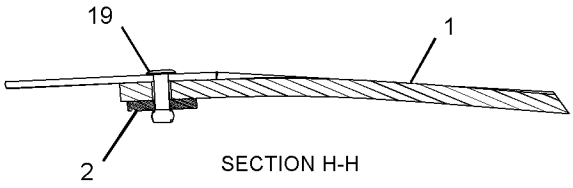
219-7516 **FENDER GP-REAR** (contd.) **i03537545**



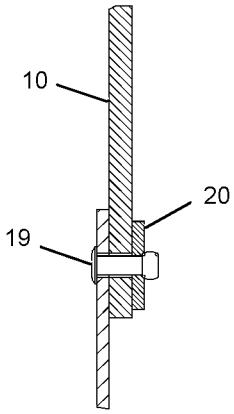
SECTION F-F



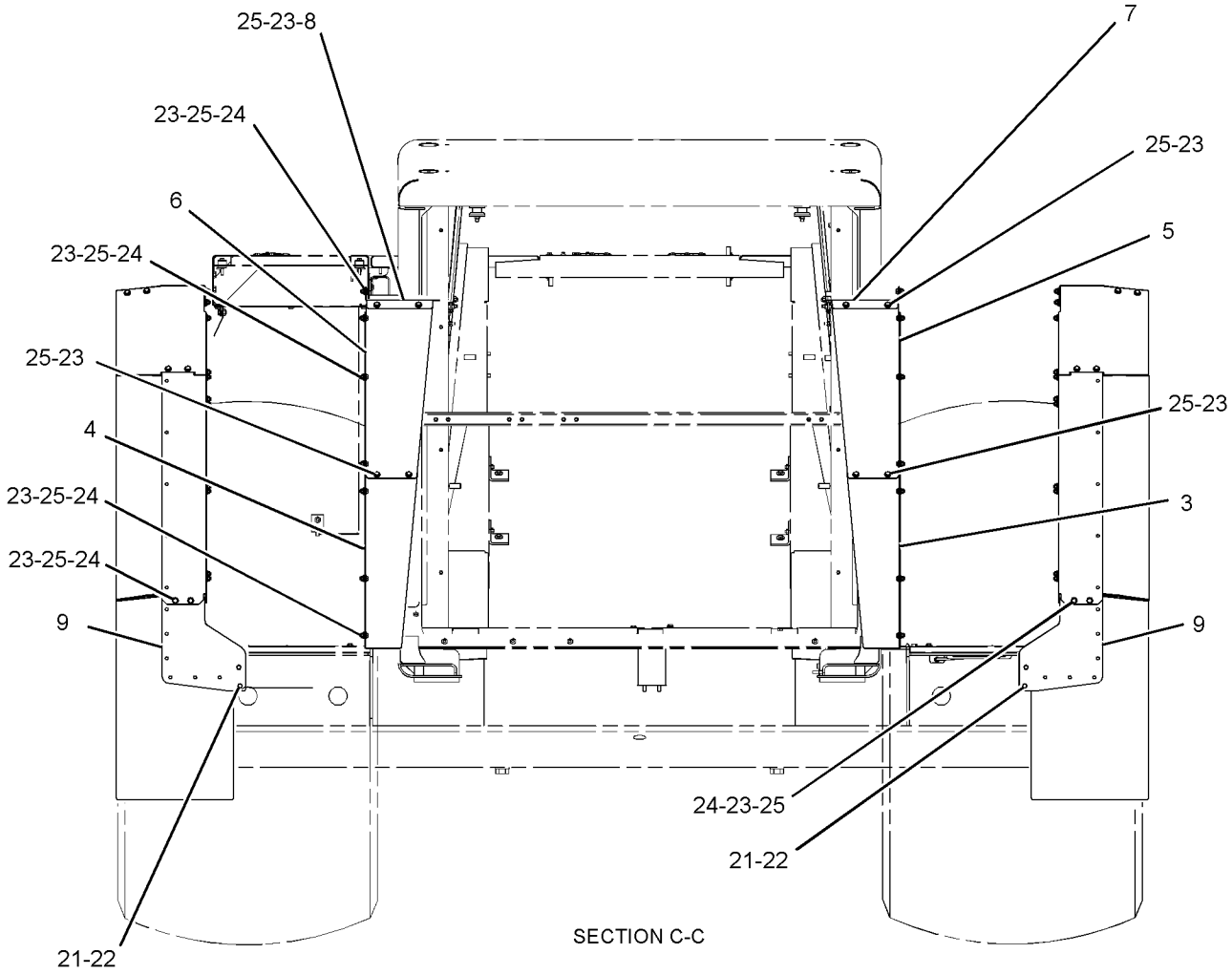
SECTION E-E



SECTION H-H



SECTION G-G



SECTION C-C

GRAPHIC #2 <END> g01882998

234-5050 FIREWALL GP

S/N: BTW1-157

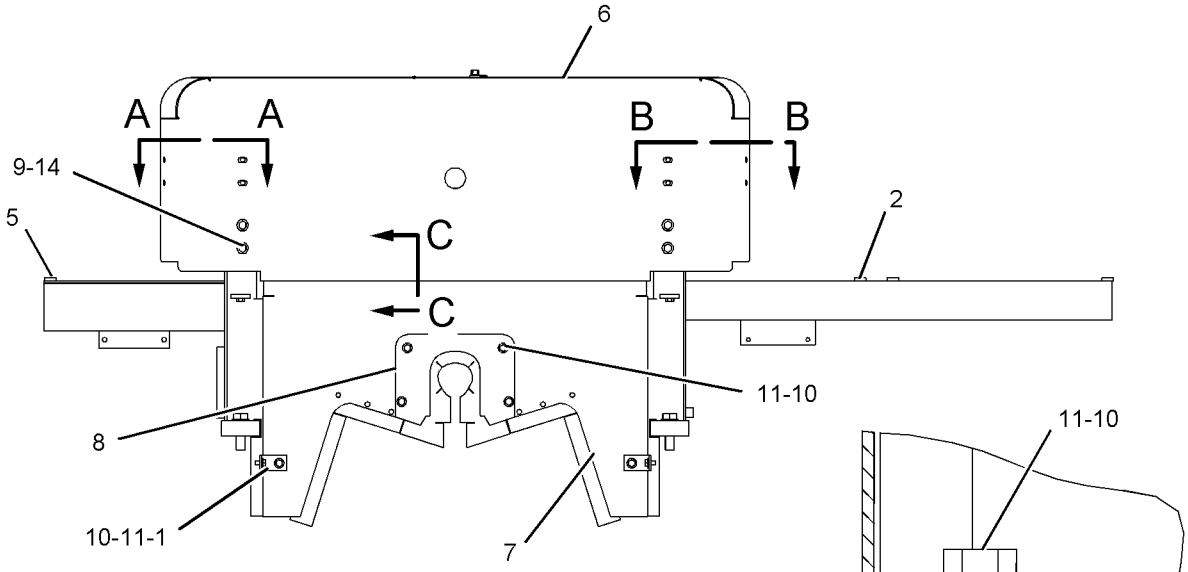
PART OF 230-3275 CHASSIS AR

SMCS-7262 **i02824990**

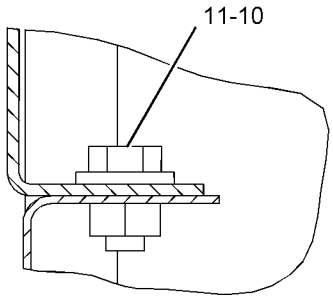
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7V-8299**	2	BRACKET	
	2	1	**194-4821**	1	SUPPORT AS (LH)	
	3	1	**195-2185**	1	BRACKET AS	
	4	1	**196-4675**	1	BRACKET AS	
	5	1	**227-0945**	1	SUPPORT AS (RH)	
Y	6	1	**234-5040**	1	PANEL GP-ACCESS (FIREWALL)	928
	7	1	**234-5049**	1	SHEET AS	
M		1	**8T-3490**	10	NUT-WELD (M10X1.5-THD)	
		1	**9M-5732**	28	RIVET-POP	
	8	1	**239-1149**	1	COVER AS	
		1	**9M-2307**	2	WASHER (5.2X19X2-MM THK)	
		1	**9M-5732**	10	RIVET-POP	
	9	1	**5P-1076**	8	WASHER-HARD (13.5X30X4-MM THK)	
	10	1	**7X-7729**	12	WASHER (11X25X3-MM THK)	
M	11	1	**8T-4137**	12	BOLT (M10X1.5X20-MM)	
M	12	1	**8T-4139**	4	BOLT (M12X1.75X30-MM)	
	13	1	**8T-4167**	4	WASHER-HARD (26X44X4-MM THK)	
M	14	1	**8T-4179**	4	BOLT (M12X1.75X20-MM)	
M	15	1	**8T-5878**	4	BOLT (M24X3X80-MM)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION

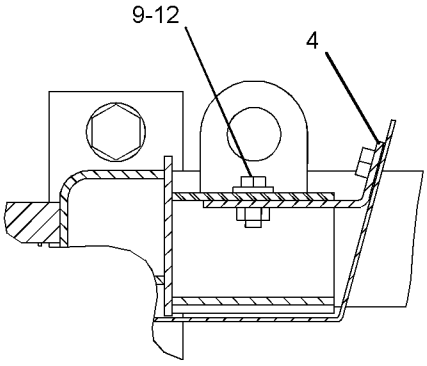
234-5050 **FIREWALL GP (**contd.**)** **i02824990**



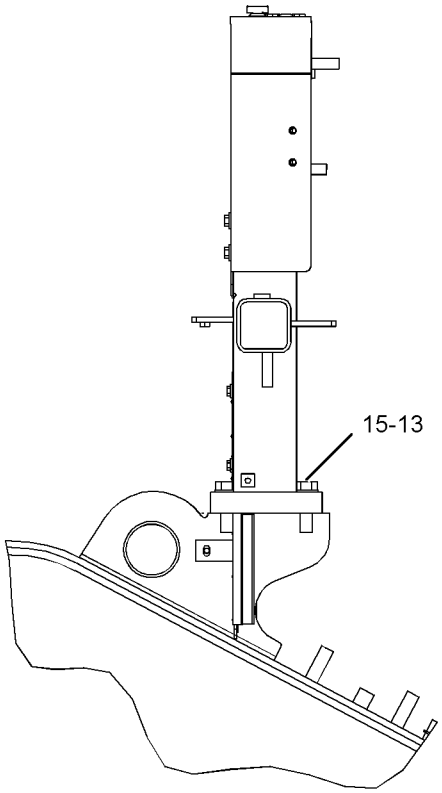
FRONT VIEW



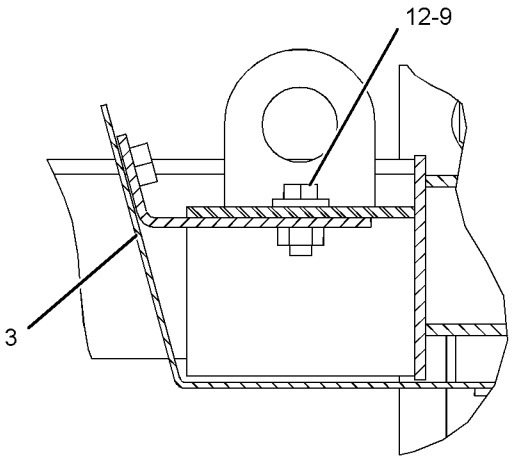
SECTION C-C



SECTION B-B



LEFT SIDE VIEW



SECTION A-A

GRAPHIC #1 <END> g01046190

234-5050 FIREWALL GP

S/N: BTW158-166

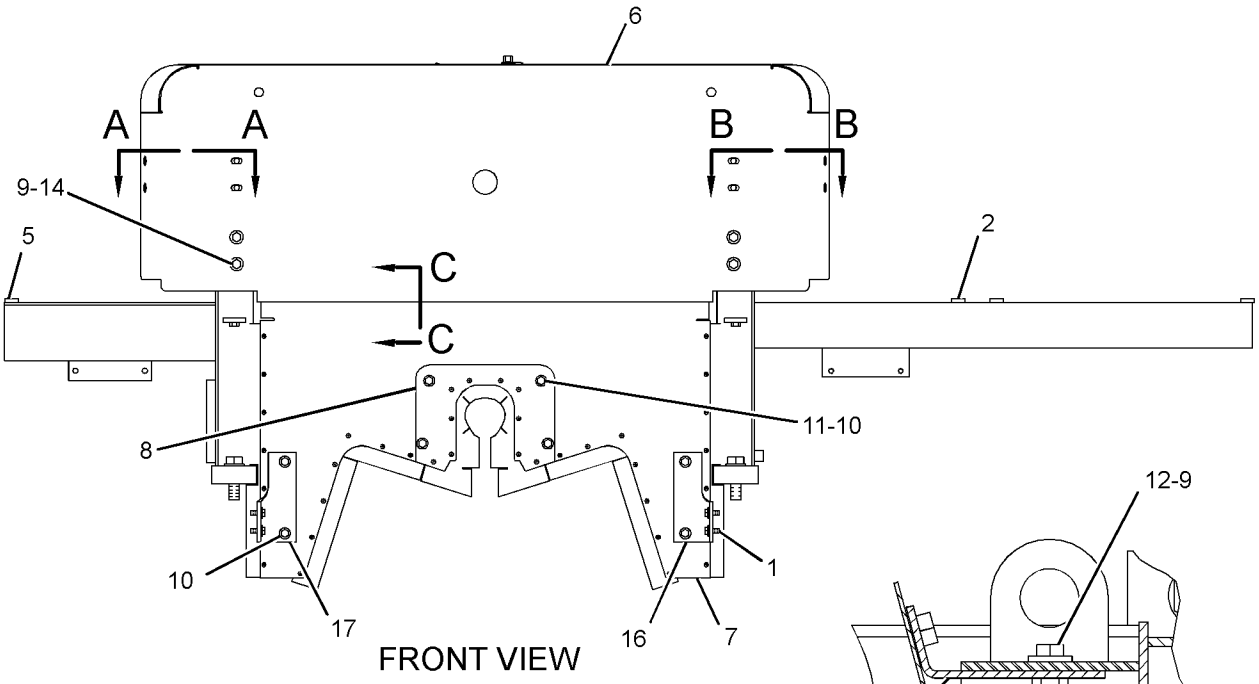
PART OF 230-3275 CHASSIS AR

SMCS-7262 **i02824989**

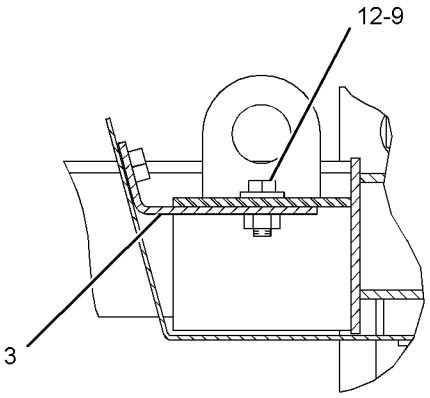
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
CM	1	1	**8T-4136**	8	BOLT (M10X1.5X25-MM)	
	2	1	**194-4821**	1	SUPPORT AS (LH)	
	3	1	**195-2185**	1	BRACKET AS	
	4	1	**196-4675**	1	BRACKET AS	
	5	1	**227-0945**	1	SUPPORT AS (RH)	
Y	6	1	*234-5040*	1	PANEL GP-ACCESS (FIREWALL)	928
	7	1	**234-5049**	1	SHEET AS	
M		1	**8T-3490**	12	NUT-WELD (M10X1.5-THD)	
		1	**9M-5732**	28	RIVET-POP	
	8	1	**239-1149**	1	COVER AS	
		1	**9M-2307**	2	WASHER (5.2X19X2-MM THK)	
		1	**9M-5732**	10	RIVET-POP	
	9	1	**5P-1076**	8	WASHER-HARD (13.5X30X4-MM THK)	
C	10	1	**7X-7729**	16	WASHER (11X25X3-MM THK)	
CM	11	1	**8T-4137**	8	BOLT (M10X1.5X20-MM)	
M	12	1	**8T-4139**	4	BOLT (M12X1.75X30-MM)	
	13	1	**8T-4167**	4	WASHER-HARD (26X44X4-MM THK)	
M	14	1	**8T-4179**	4	BOLT (M12X1.75X20-MM)	
M	15	1	**8T-5878**	4	BOLT (M24X3X80-MM)	
C	16	1	**288-9790**	1	PLATE	
C	17	1	**288-9791**	1	PLATE	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
Y - SEPARATE ILLUSTRATION

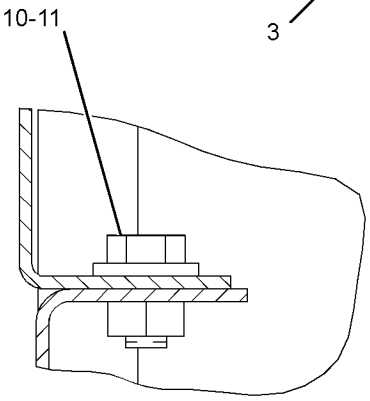
234-5050 **FIREWALL GP (**contd.**)** **i02824989**



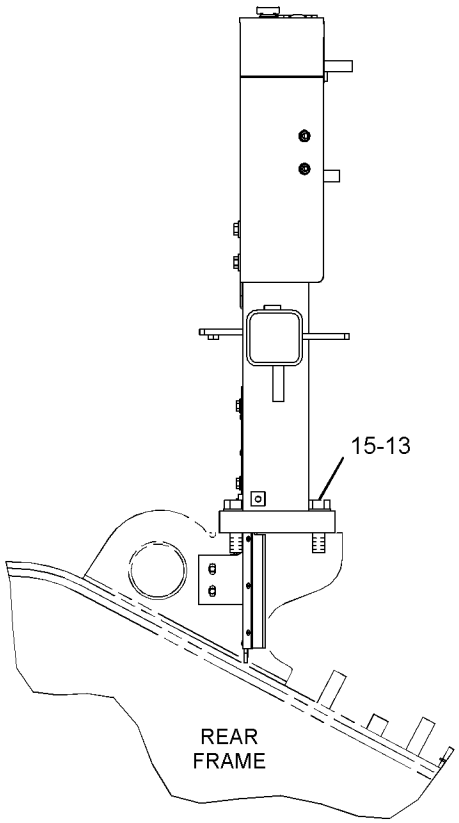
FRONT VIEW



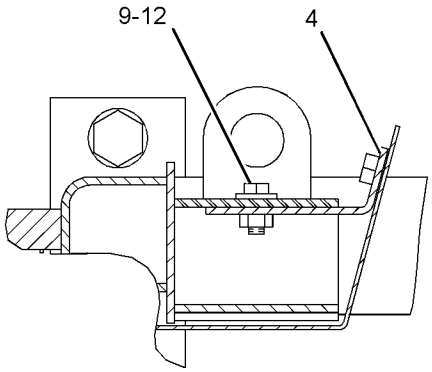
SECTION A-A



SECTION C-C



LEFT SIDE VIEW



SECTION B-B

GRAPHIC #1 <END> g01376007

234-5050 FIREWALL GP

S/N: BTW167-251

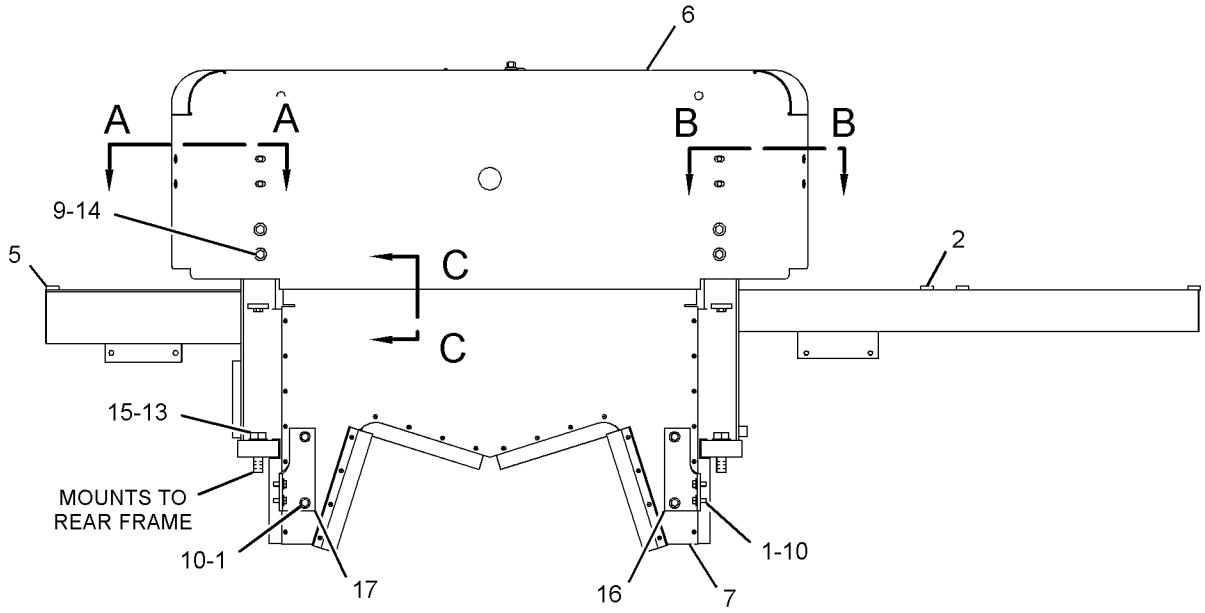
PART OF 230-3275 CHASSIS AR

SMCS-7262 **i02809463**

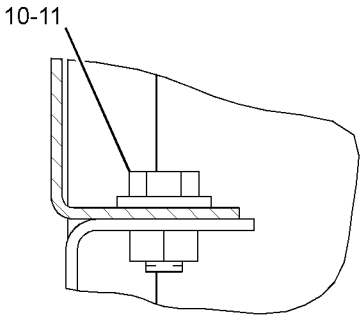
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**8T-4136**	8	BOLT (M10X1.5X25-MM)	
	2	1	**194-4821**	1	SUPPORT AS (LH)	
	3	1	**195-2185**	1	BRACKET AS	
	4	1	**196-4675**	1	BRACKET AS	
	5	1	**227-0945**	1	SUPPORT AS (RH)	
Y	6	1	*234-5040*	1	PANEL GP-ACCESS (FIREWALL)	928
C	7	1	**288-2786**	1	SHEET AS-LOWER	
	9	1	**5P-1076**	8	WASHER-HARD (13.5X30X4-MM THK)	
C	10	1	**7X-7729**	12	WASHER (11X25X3-MM THK)	
CM	11	1	**8T-4137**	4	BOLT (M10X1.5X20-MM)	
M	12	1	**8T-4139**	4	BOLT (M12X1.75X30-MM)	
	13	1	**8T-4167**	4	WASHER-HARD (26X44X4-MM THK)	
M	14	1	**8T-4179**	4	BOLT (M12X1.75X20-MM)	
M	15	1	**8T-5878**	4	BOLT (M24X3X80-MM)	
	16	1	**288-9790**	1	PLATE	
	17	1	**288-9791**	1	PLATE	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
Y - SEPARATE ILLUSTRATION

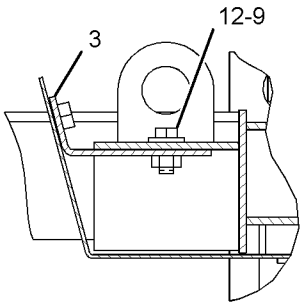
234-5050 **FIREWALL GP (**contd.**)** **i02809463**



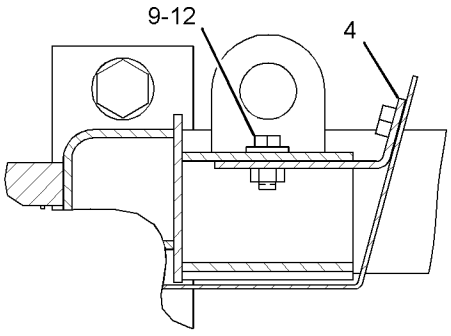
FRONT VIEW



SECTION C-C



SECTION A-A



SECTION B-B

GRAPHIC #1 <END> g01405447

234-5050 FIREWALL GP

S/N: BTW252-UP

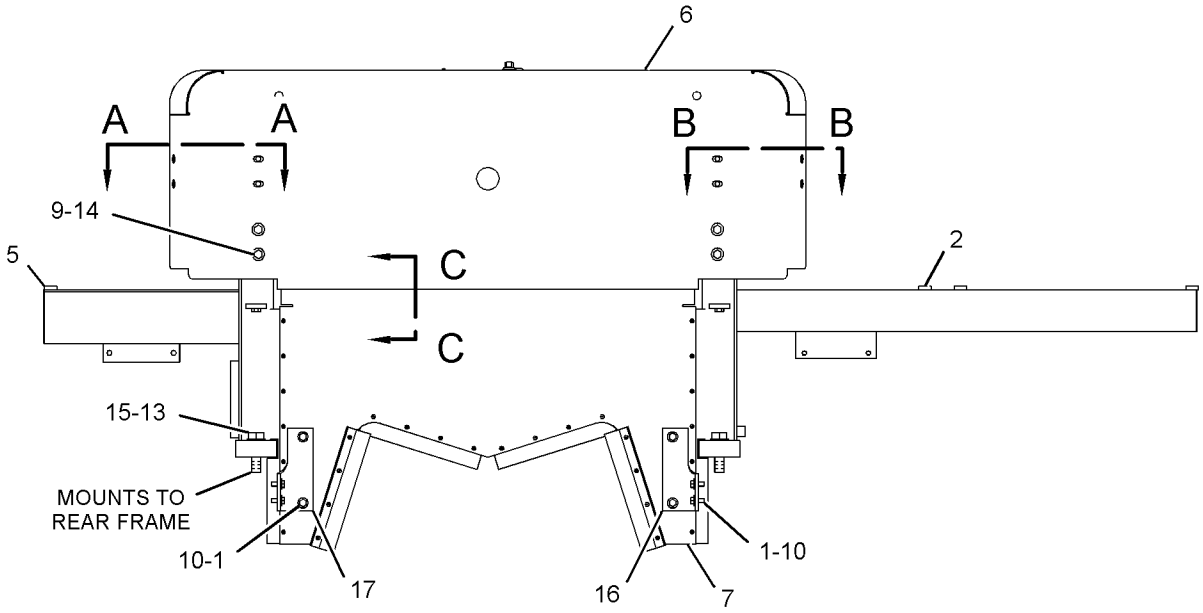
PART OF 230-3275 CHASSIS AR

SMCS-7262 **i05339912**

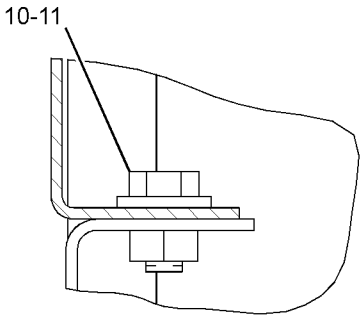
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**8T-4136**	8	BOLT (M10X1.5X25-MM)	
	2	1	**194-4821**	1	SUPPORT AS (LH)	
	3	1	**195-2185**	1	BRACKET AS	
	4	1	**196-4675**	1	BRACKET AS	
C	5	1	**357-7005**	1	SUPPORT AS (RH)	
Y	6	1	*234-5040*	1	PANEL GP-ACCESS (FIREWALL)	928
	7	1	**288-2786**	1	SHEET AS-LOWER	
	9	1	**5P-1076**	8	WASHER-HARD (13.5X30X4-MM THK)	
	10	1	**7X-7729**	12	WASHER (11X25X3-MM THK)	
M	11	1	**8T-4137**	4	BOLT (M10X1.5X20-MM)	
M	12	1	**8T-4139**	4	BOLT (M12X1.75X30-MM)	
	13	1	**8T-4167**	4	WASHER-HARD (26X44X4-MM THK)	
M	14	1	**8T-4179**	4	BOLT (M12X1.75X20-MM)	
M	15	1	**8T-5878**	4	BOLT (M24X3X80-MM)	
	16	1	**288-9790**	1	PLATE	
	17	1	**288-9791**	1	PLATE	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
Y - SEPARATE ILLUSTRATION

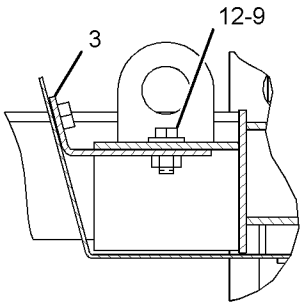
234-5050 **FIREWALL GP (**contd.**)** **i05339912**



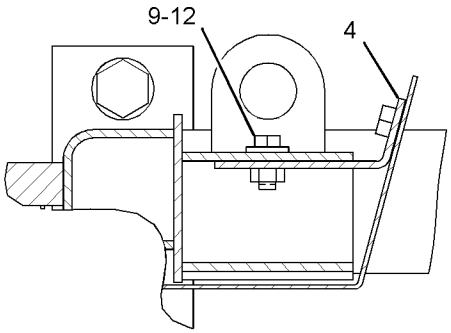
FRONT VIEW



SECTION C-C



SECTION A-A



SECTION B-B

GRAPHIC #1 <END> g01405447

197-8600 FRAME AS-FRONT

S/N: BTW1-UP

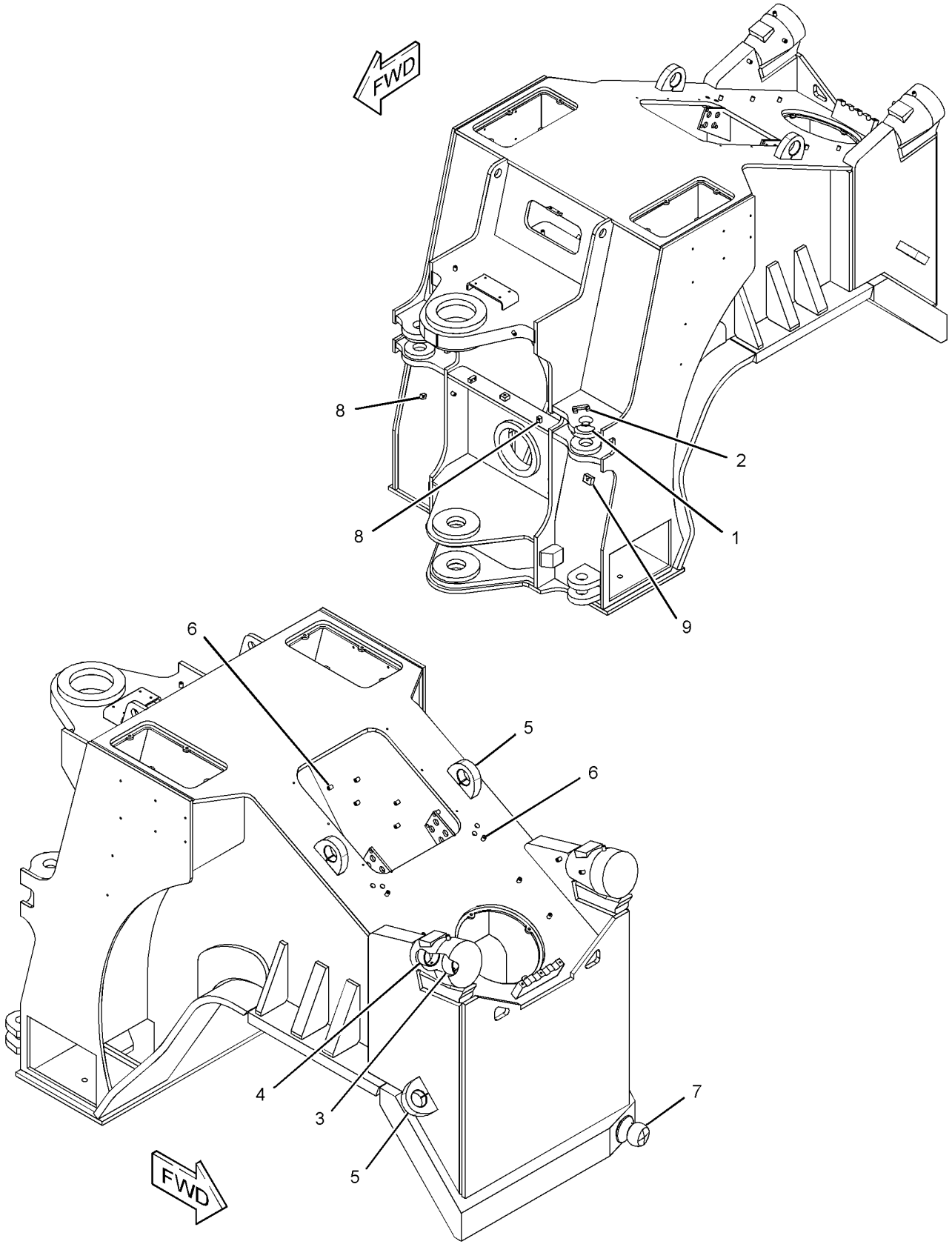
PART OF 230-3275 CHASSIS AR

SMCS-7051 **i02651219**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-8078**	4	BUSHING	
	2	1	**4E-8079**	2	RETAINER	
	3	1	**7J-1335**	2	BEARING	
	4	1	**7J-1336**	2	BEARING	
	5	1	**7K-1972**	4	EYE	
M	6	1	**9R-2613**	62	BOSS-WELD (M10X1.5X25-MM)	
	7	1	**110-2966**	1	TRUNNION	
	8	1	**2R-1920**	2	BLOCK	
	9	1	**171-8862**	1	BLOCK	

M - METRIC PART

197-8600 **FRAME AS-FRONT (**contd.**)** **i02651219**



GRAPHIC #1 <END> g01382875

235-1085 FRAME AS-REAR

S/N: BTW1-157

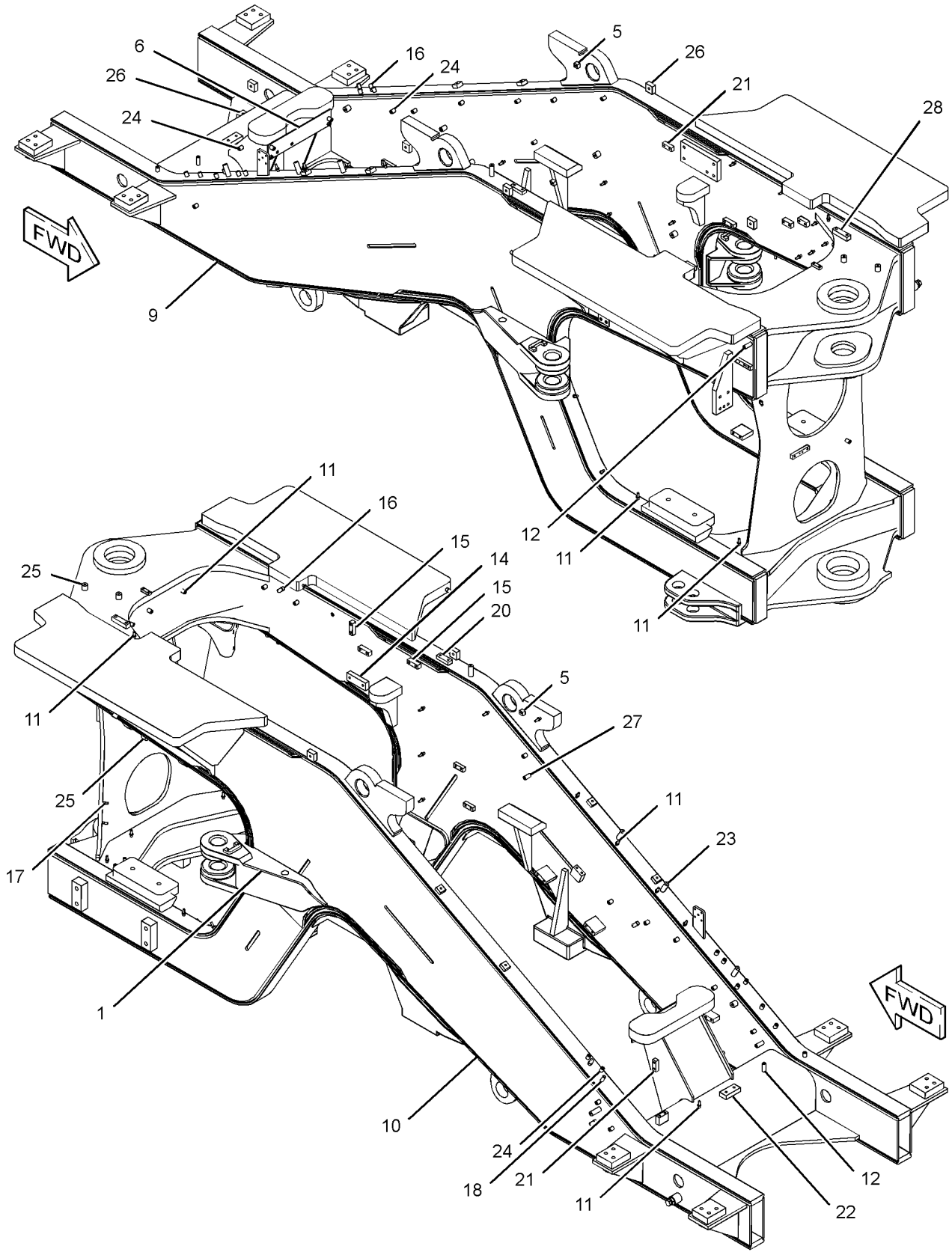
PART OF 230-3275 CHASSIS AR, 241-1856 FRAME AS-REAR

SMCS-7051 **i02880131**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-4431**	2	BRACKET-STEERING	
	2	3	**4E-8079**	2	RETAINER	
	3	2	*9U-2931*	1	BRACKET AS	
M		2	**8T-3597**	2	NUT-WELD (M12X1.75-THD)	
M	4	3	**087-6059**	1	BOSS (M12X1.75X34-MM)	
M	5	1,2	**090-8247**	3	BLOCK (M10X1.5-MM)	
	6	1	*104-7367*	1	PLATE AS	
M		1	**8T-3490**	2	NUT-WELD (M10X1.5-THD)	
M		1	**8T-3597**	2	NUT-WELD (M12X1.75-THD)	
M		1	**9R-2613**	2	BOSS-WELD (M10X1.5X25-MM)	
	7	3	**154-3880**	1	HITCH AS-UPPER	
	8	2	**222-5437**	1	BLOCK	
	9	1	*235-5813*	1	RAIL AS	
		1	**4E-6026**	1	BLOCK	
		1	**7K-1972**		EYE	
	10	1	*235-5814*	1	RAIL AS	
		1	**4E-6026**	1	BLOCK	
		1	**7K-1972**	1	EYE	
M	11	1,2	**110-2023**	39	STUD-WELD (M10X1.5X25-MM)	
	12	1,2	**117-8721**	3	LUG (M10X1.5-THD)	
	13	3	**4E-8078**	4	BUSHING	
	14	1	**5I-3333**	1	PLATE	
	15	1,2	**7Y-2522**	6	PLATE	
M	16	1,2,3	**8T-3635**	5	STUD-WELD (M12X1.75X34.93-MM)	
M	17	1	**8T-4219**	2	STUD-WELD (M10X1.5X17.5-MM)	
M	18	1,3	**8T-4935**	2	BOSS-WELD (M10X1.5X45-MM)	
M	19	2	**8X-5952**	3	BLOCK (M12X1.75-MM)	
	20	1,2	**9C-4935**	3	PLATE	
M	21	1,2,3	**9C-6809**	9	BLOCK (M10X1.5-MM)	
M	22	1,2	**9C-7863**	5	BLOCK (M12X1.75-MM)	
M	23	1,3	**9R-1733**	7	BOSS (M10X1.5X66.5-MM)	
M	24	1,2,3	**9R-2613**	39	BOSS-WELD (M10X1.5X25-MM)	
M	25	1,2,3	**9R-4595**	14	BOSS (M12X1.75X30-MM)	
M	26	1,3	**9U-1793**	7	BLOCK (M12X1.75-MM)	
	27	1,2,3	**4E-0019**	6	BOSS (M10X1.5-THD)	
M	28	1,2	**8X-5963**	2	BLOCK (M12X1.75-MM)	

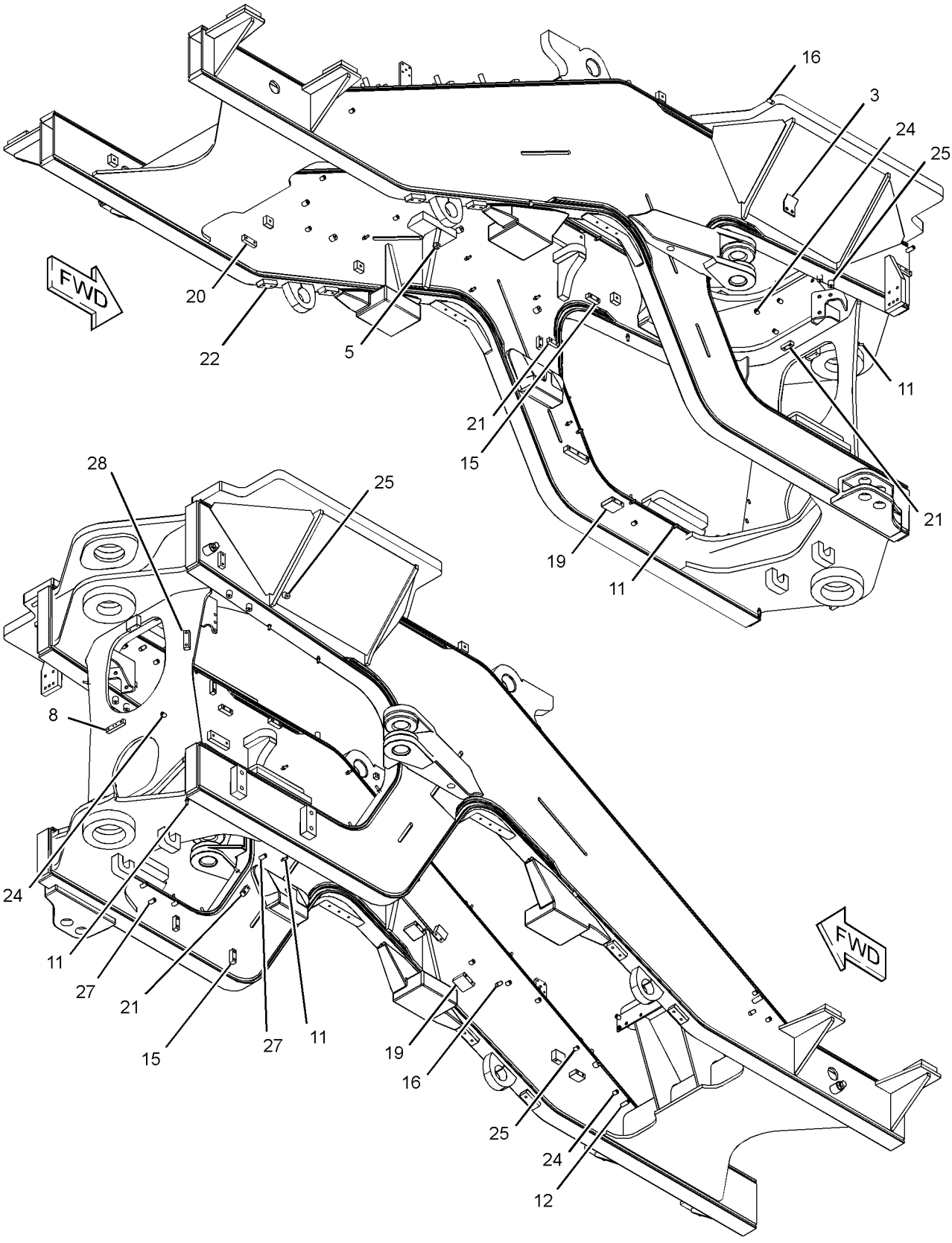
M - METRIC PART

235-1085 **FRAME AS-REAR (**contd.**)** **i02880131**



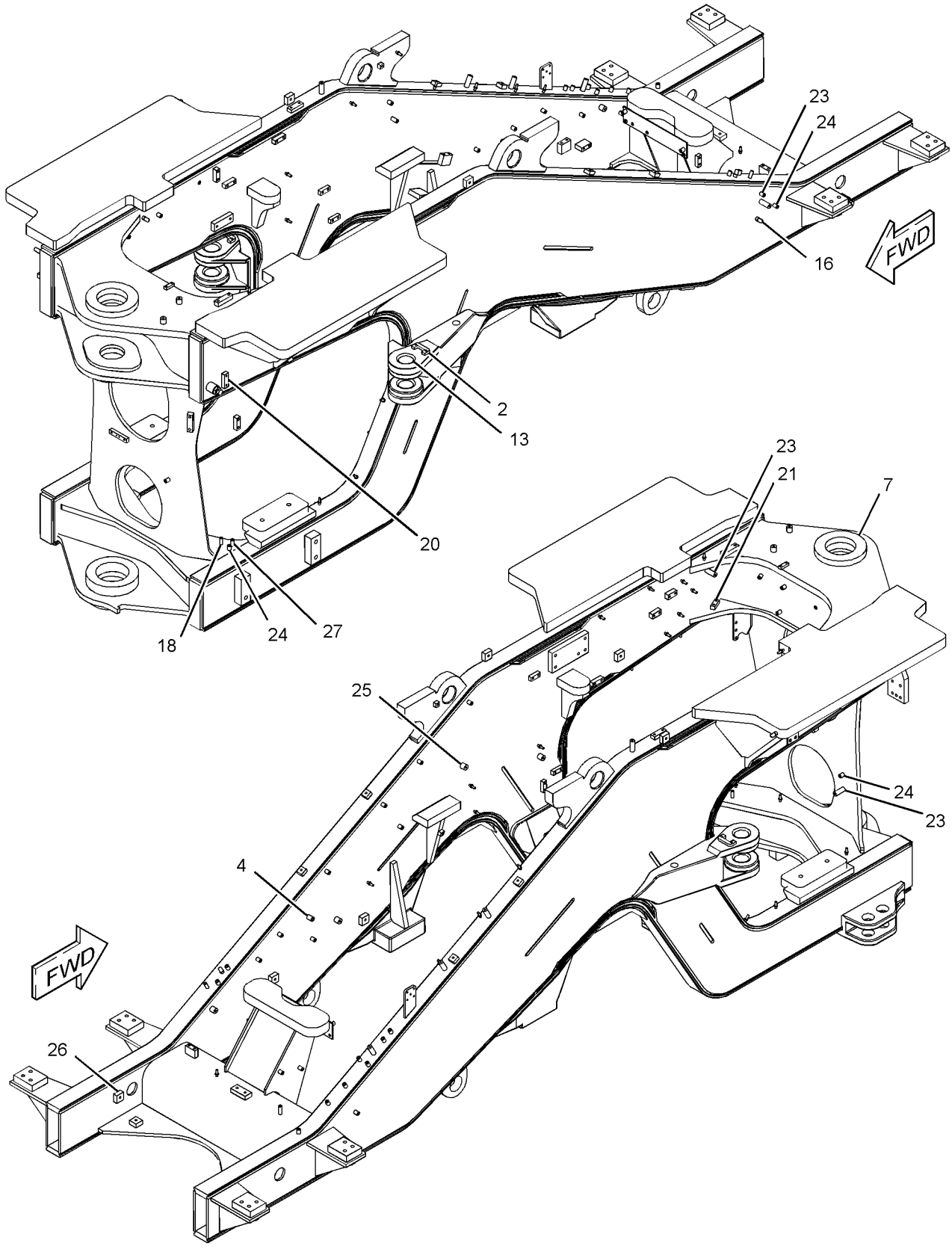
GRAPHIC #1 g01433601

235-1085 **FRAME AS-REAR (**contd.**)** **i02880131**



GRAPHIC #2 g01433602

235-1085 **FRAME AS-REAR (**contd.**)** **i02880131**



GRAPHIC #3 <END> g01433604

235-1085 FRAME AS-REAR

S/N: BTW158-171

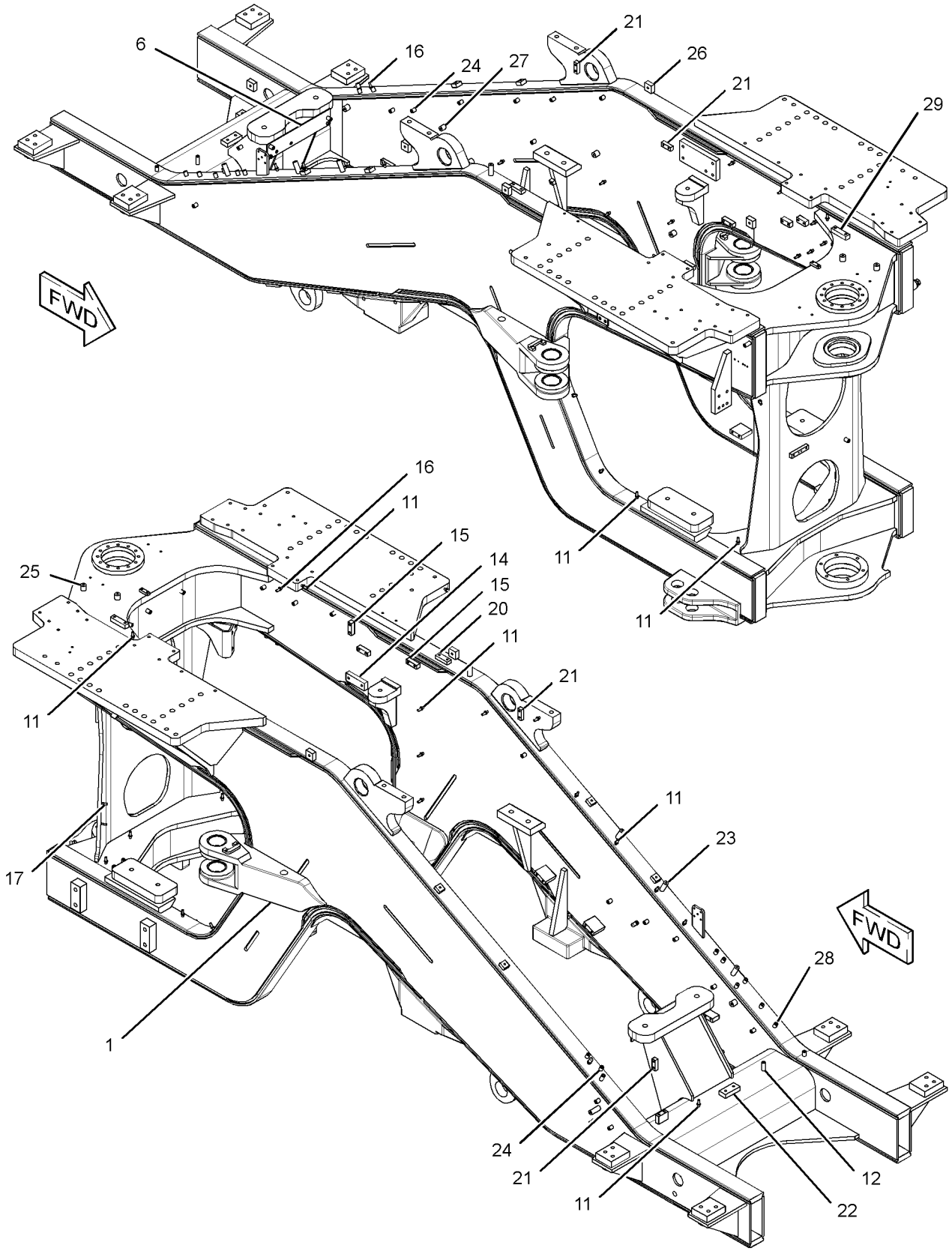
PART OF 230-3275 CHASSIS AR, 241-1856 FRAME AS-REAR

SMCS-7051 **i02880130**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-4431**	2	BRACKET-STEERING	
	2	2	**4E-8079**	2	RETAINER	
	3	3	*9U-2931*	1	BRACKET AS	
M		3	**8T-3597**	2	NUT-WELD (M12X1.75-THD)	
CM	5	3	**090-8247**	1	BLOCK (M10X1.5-MM)	
	6	1	*104-7367*	1	PLATE AS	
M		1	**8T-3490**	2	NUT-WELD (M10X1.5-THD)	
M		1	**8T-3597**	2	NUT-WELD (M12X1.75-THD)	
M		1	**9R-2613**	2	BOSS-WELD (M10X1.5X25-MM)	
	7	2	**154-3880**	1	HITCH AS-UPPER	
	8	3	**222-5437**	1	BLOCK	
M	11	1,2,3	**110-2023**	39	STUD-WELD (M10X1.5X25-MM)	
C	12	1	**117-8721**	1	LUG (M10X1.5-THD)	
	13	2	**4E-8078**	4	BUSHING	
	14	1	**5I-3333**	1	PLATE	
C	15	1,3	**7Y-2522**	4	PLATE	
M	16	1,2,3	**8T-3635**	5	STUD-WELD (M12X1.75X34.93-MM)	
M	17	1	**8T-4219**	2	STUD-WELD (M10X1.5X17.5-MM)	
M	19	3	**8X-5952**	3	BLOCK (M12X1.75-MM)	
	20	1,2,3	**9C-4935**	3	PLATE	
CM	21	1,2,3	**9C-6809**	8	BLOCK (M10X1.5-MM)	
M	22	1,3	**9C-7863**	5	BLOCK (M12X1.75-MM)	
CM	23	1,2	**9R-1733**	6	BOSS (M10X1.5X66.5-MM)	
CM	24	1,2,3	**9R-2613**	38	BOSS-WELD (M10X1.5X25-MM)	
CM	25	1,2,3	**9R-4595**	12	BOSS (M12X1.75X30-MM)	
M	26	1,2	**9U-1793**	7	BLOCK (M12X1.75-MM)	
CM	27	1	**7Y-8763**	1	BOSS (M10X1.5X25-MM)	
	28	1,2,3	**4E-0019**	4	BOSS (M10X1.5-THD)	
M	29	1,2	**8X-5963**	2	BLOCK (M12X1.75-MM)	

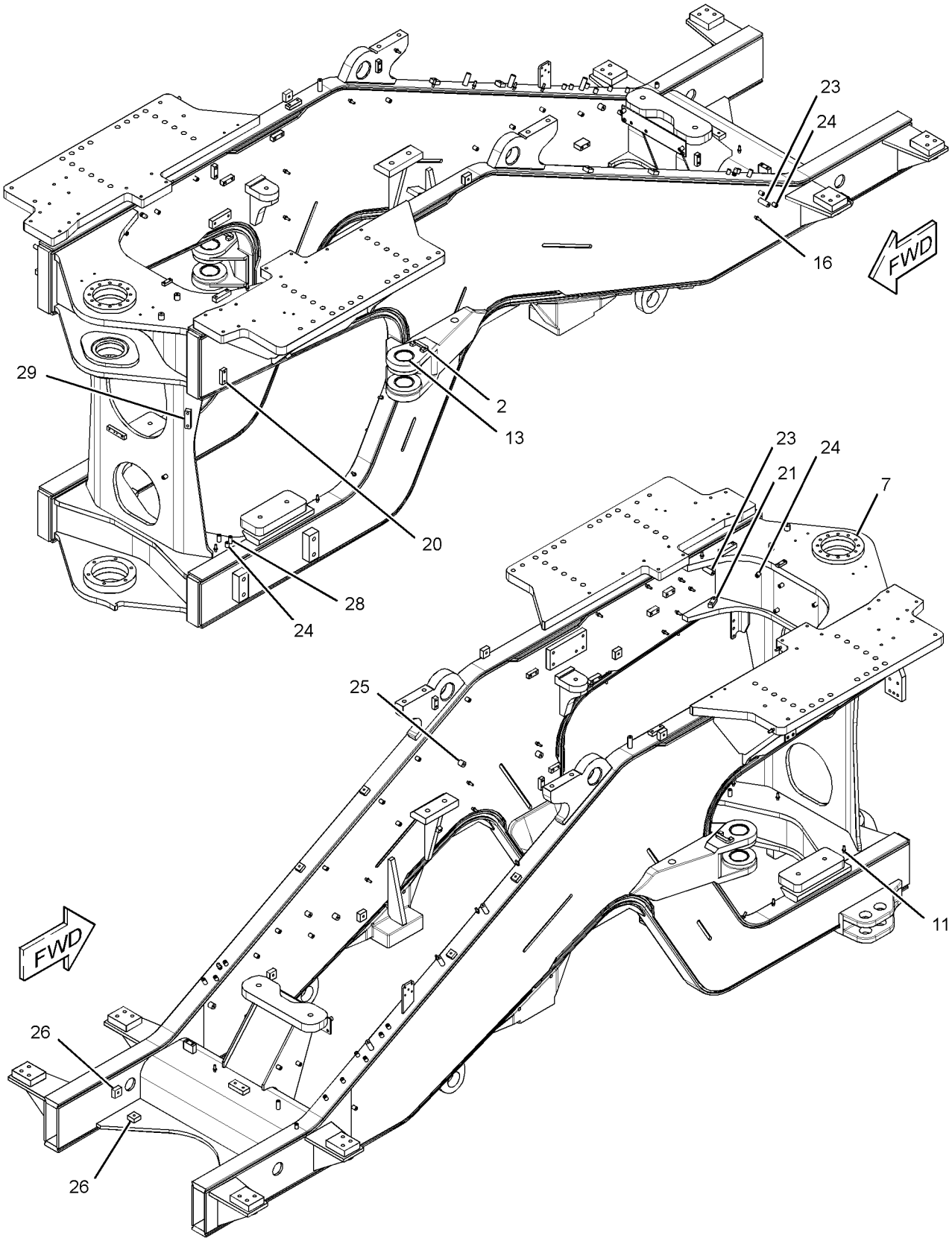
C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART

235-1085 **FRAME AS-REAR (**contd.**)** **i02880130**



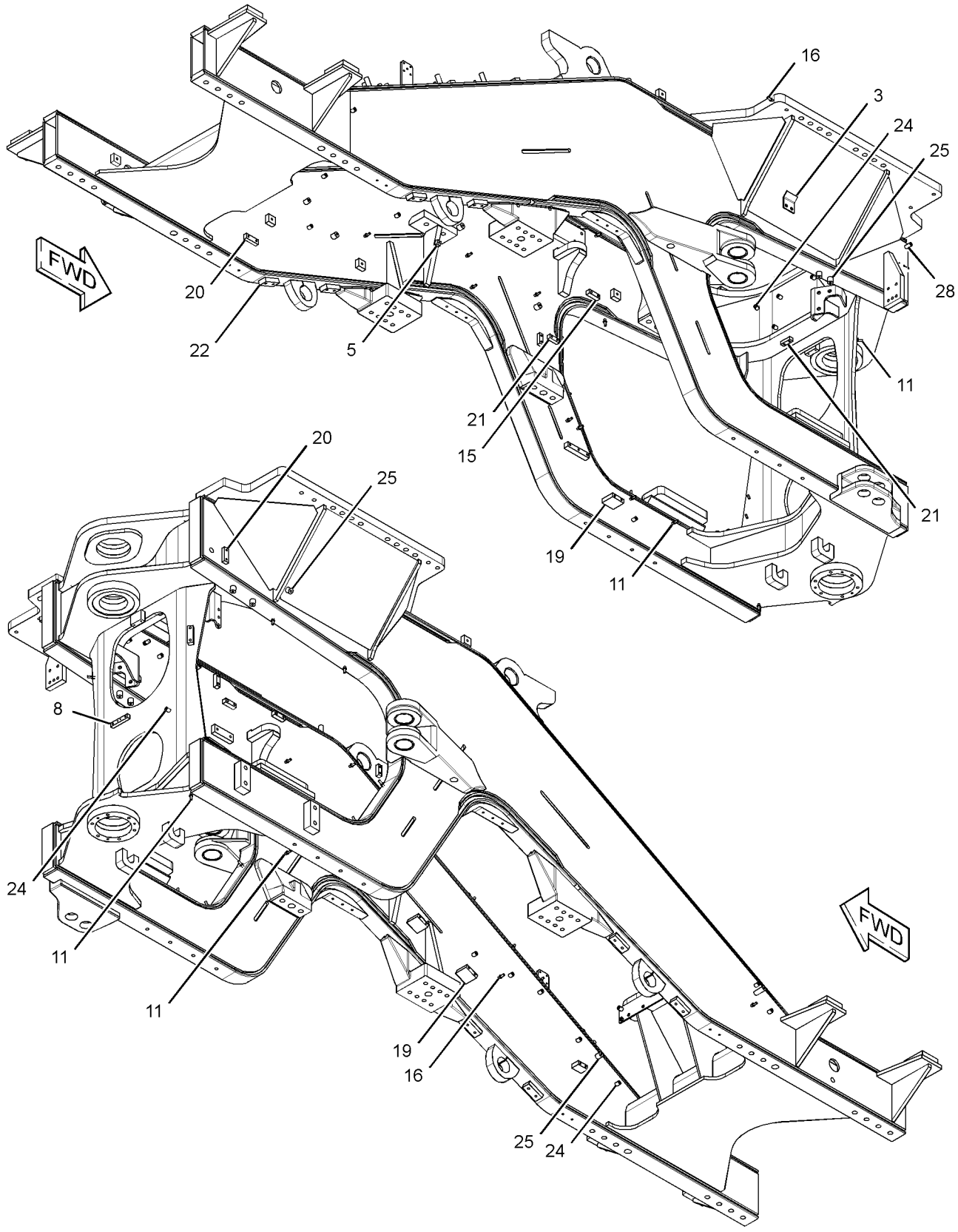
GRAPHIC #1 g01433620

235-1085 **FRAME AS-REAR (**contd.**)** **i02880130**



GRAPHIC #2 g01433621

235-1085 **FRAME AS-REAR (**contd.**)** **i02880130**



GRAPHIC #3 <END> g01433622

235-1085 FRAME AS-REAR

S/N: BTW172-255

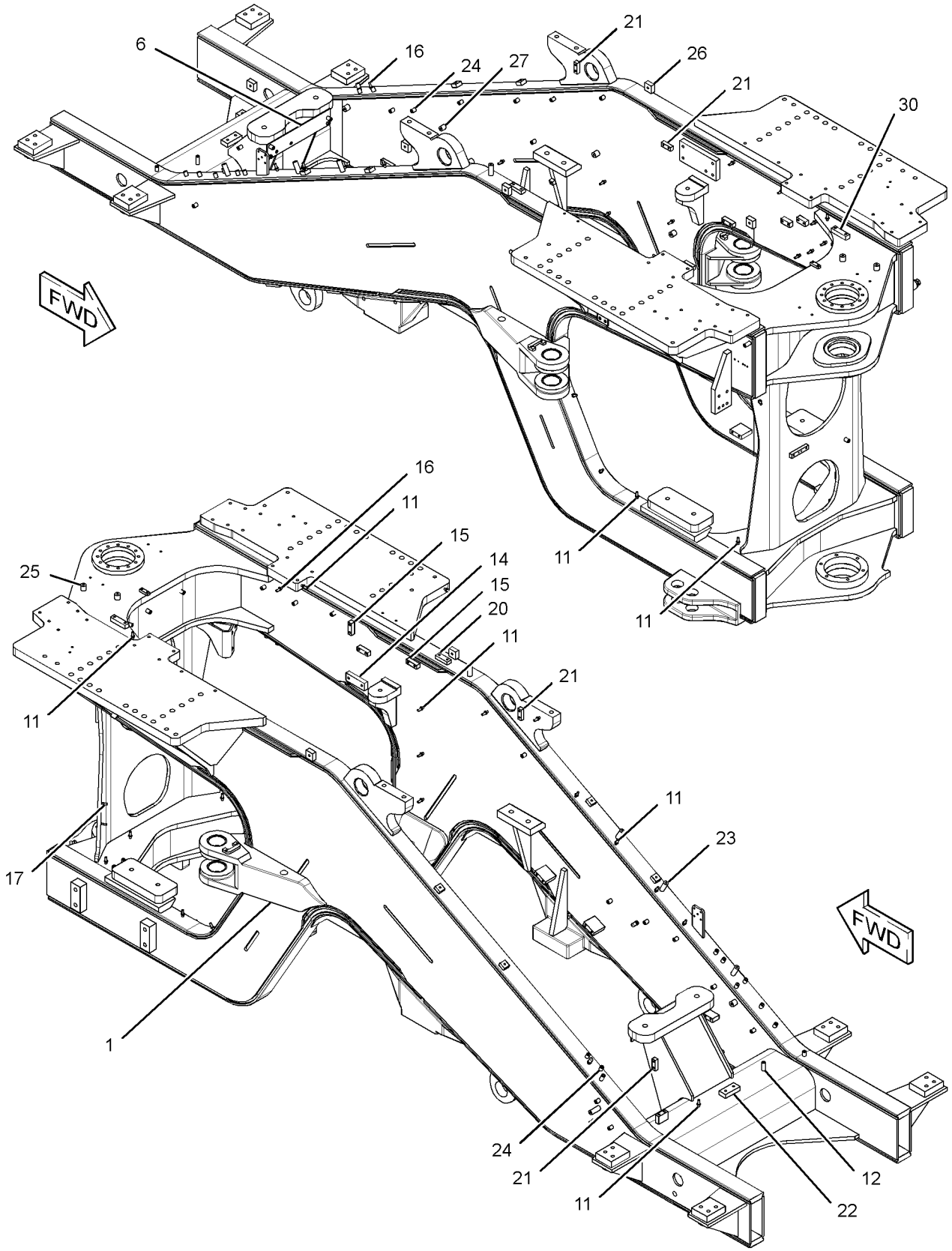
PART OF 230-3275 CHASSIS AR, 241-1856 FRAME AS-REAR

SMCS-7051 **i05919625**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-4431**	2	BRACKET-STEERING	
	2	2	**4E-8079**	2	RETAINER	
	3	3	*9U-2931*	1	BRACKET AS	
M		3	**8T-3597**	2	NUT-WELD (M12X1.75-THD)	
M	5	3	**090-8247**	1	BLOCK (M10X1.5-MM)	
	6	1	*104-7367*	1	PLATE AS	
M		1	**8T-3490**	2	NUT-WELD (M10X1.5-THD)	
M		1	**8T-3597**	2	NUT-WELD (M12X1.75-THD)	
M		1	**9R-2613**	2	BOSS-WELD (M10X1.5X25-MM)	
	7	2	**154-3880**	1	HITCH AS-UPPER	
	8	3	**222-5437**	1	BLOCK	
M	11	1,2,3	**110-2023**	39	STUD-WELD (M10X1.5X25-MM)	
	12	1	**117-8721**	1	LUG (M10X1.5-THD)	
	13	2	**4E-8078**	4	BUSHING	
	14	1	**5I-3333**	1	PLATE	
	15	1,3	**7Y-2522**	4	PLATE	
M	16	1,2,3	**8X-4711**	5	BOSS AS (M12X1.75X20-MM)	
M	17	1	**8T-4219**	2	STUD-WELD (M10X1.5X17.5-MM)	
M	19	3	**8X-5952**	3	BLOCK (M12X1.75-MM)	
	20	1,2,3	**9C-4935**	3	PLATE	
M	21	1,2,3	**9C-6809**	8	BLOCK (M10X1.5-MM)	
M	22	1,3	**9C-7863**	5	BLOCK (M12X1.75-MM)	
M	23	1,2	**9R-1733**	6	BOSS (M10X1.5X66.5-MM)	
M	24	1,2,3	**9R-2613**	38	BOSS-WELD (M10X1.5X25-MM)	
M	25	1,2,3	**9R-4595**	12	BOSS (M12X1.75X30-MM)	
M	26	1,2	**9U-1793**	7	BLOCK (M12X1.75-MM)	
M	27	1	**7Y-8763**	1	BOSS (M10X1.5X25-MM)	
	29	2,3	**4E-0019**	4	BOSS (M10X1.5-THD)	
M	30	1,3	**8X-5963**	2	BLOCK (M12X1.75-MM)	

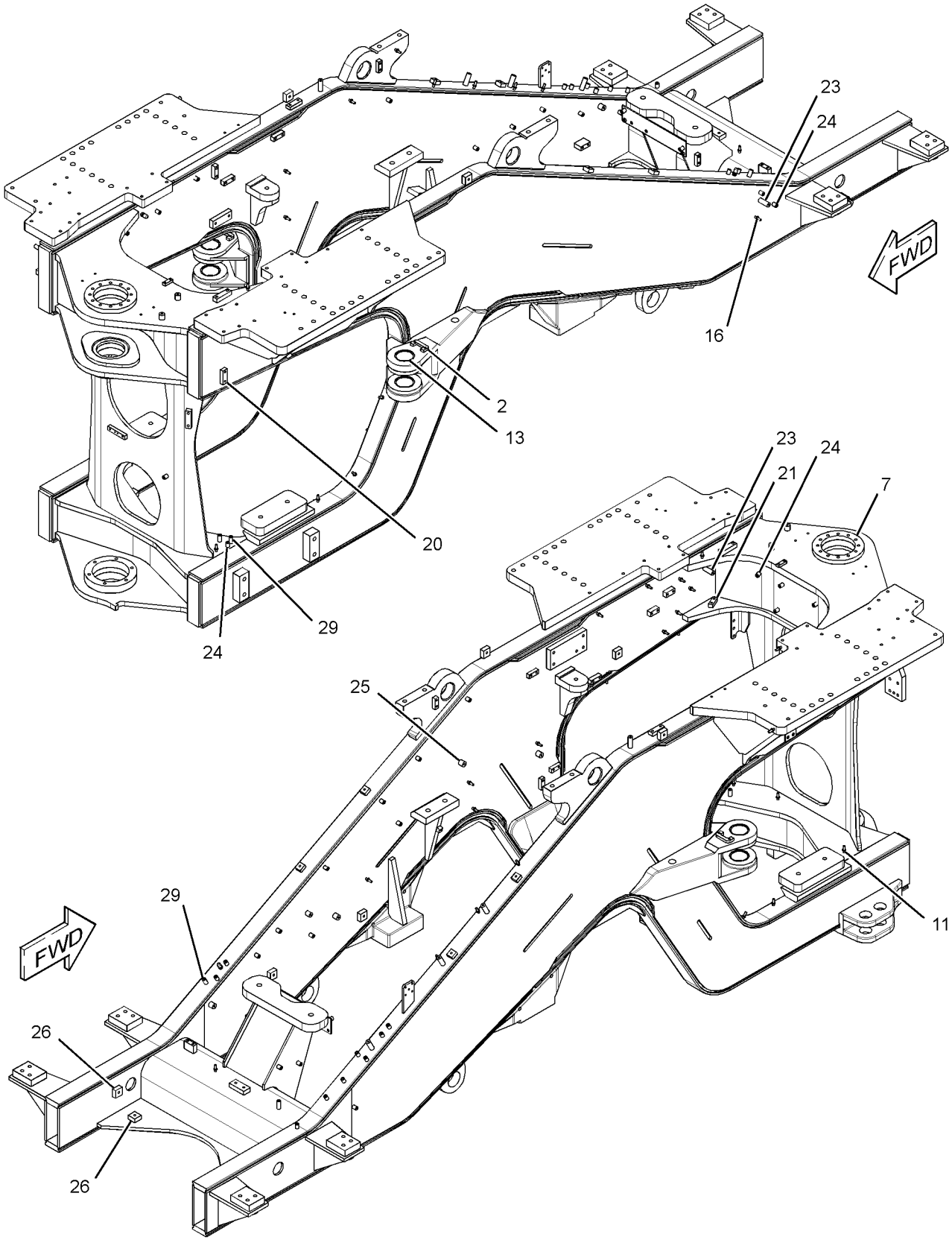
M - METRIC PART

235-1085 **FRAME AS-REAR (**contd.**)** **i05919625**



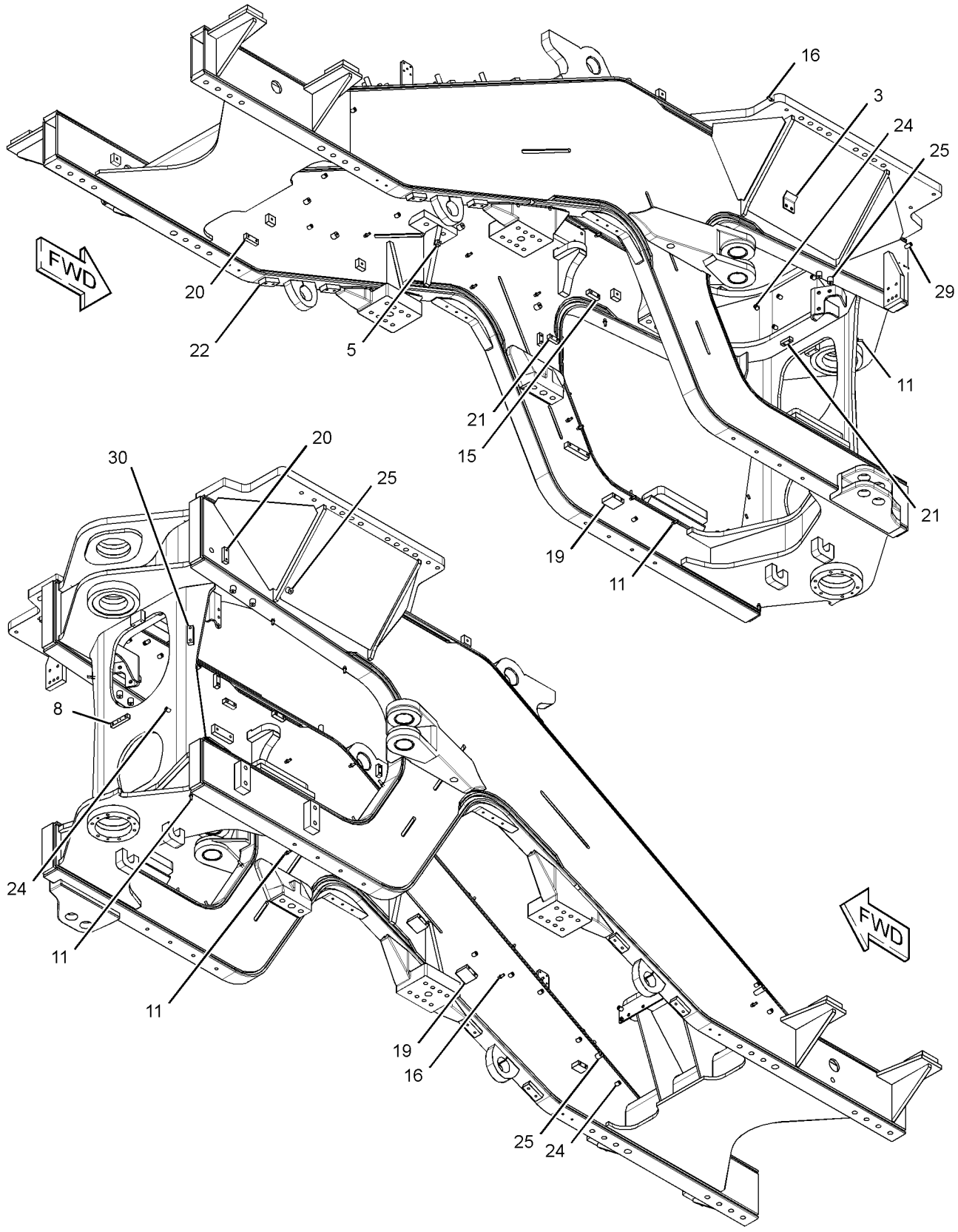
GRAPHIC #1 g01432673

235-1085 **FRAME AS-REAR (**contd.**)** **i05919625**



GRAPHIC #2 g01429976

235-1085 **FRAME AS-REAR (**contd.**)** **i05919625**



GRAPHIC #3 <END> g03818506

235-1085 FRAME AS-REAR

S/N: BTW256-UP

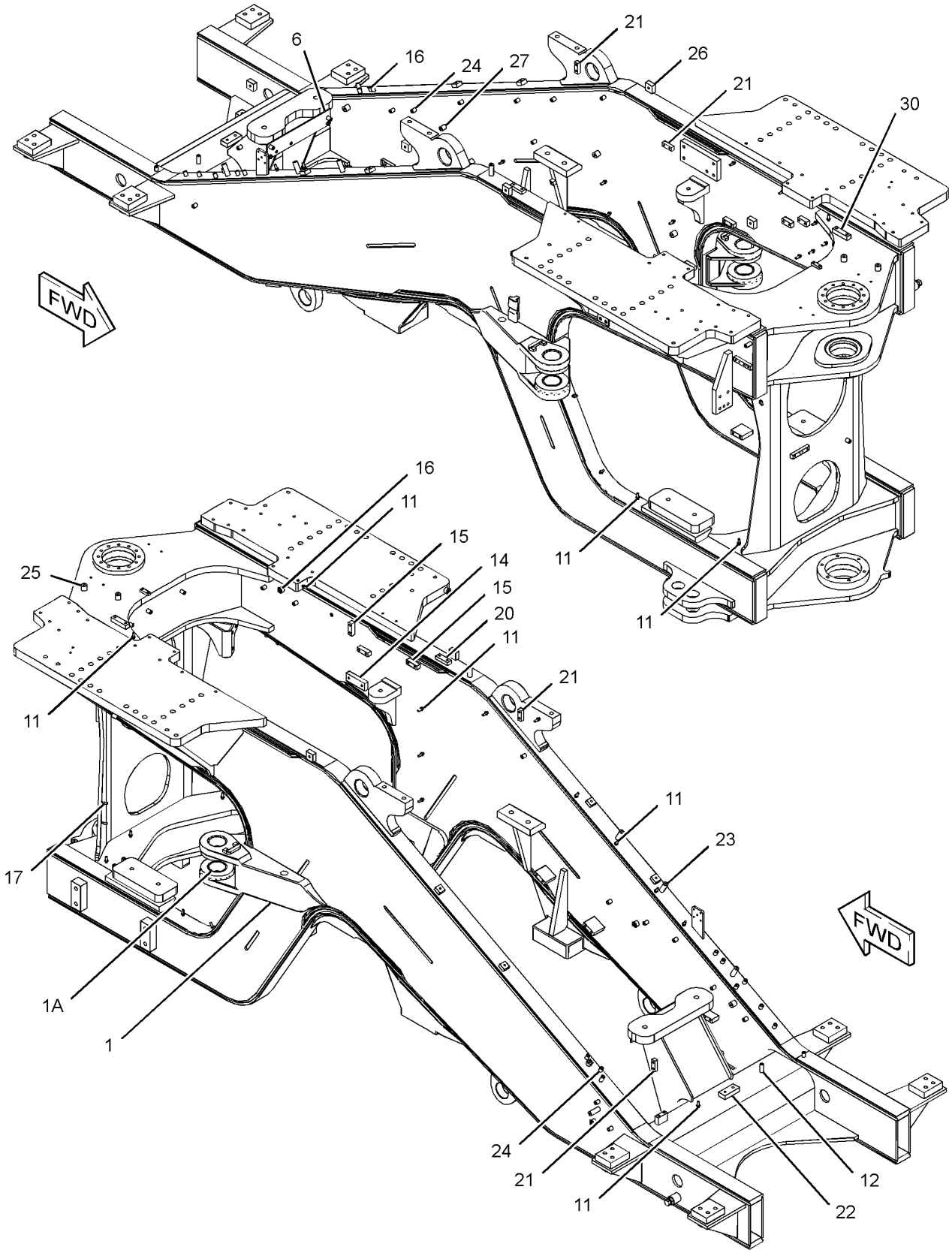
PART OF 230-3275 CHASSIS AR, 241-1856 FRAME AS-REAR

SMCS-7051 **i05413001**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	**391-2839**	2	BRACKET AS-STEERING	
					(EACH INCLUDES)	
		1	**4E-4431**	1	BRACKET-STEERING	
	1A	1,2	**4E-8078**	2	BUSHING	
	2	2	**4E-8079**	2	RETAINER	
	3	3	*9U-2931*	1	BRACKET AS	
M		3	**8T-3597**	2	NUT-WELD (M12X1.75-THD)	
M	5	3	**090-8247**	1	BLOCK (M10X1.5-MM)	
	6	1	*104-7367*	1	PLATE AS	
M		1	**8T-3490**	2	NUT-WELD (M10X1.5-THD)	
M		1	**8T-3597**	2	NUT-WELD (M12X1.75-THD)	
M		1	**9R-2613**	2	BOSS-WELD (M10X1.5X25-MM)	
	7	2	**154-3880**	1	HITCH AS-UPPER	
	8	3	**222-5437**	1	BLOCK	
M	11	1,2,3	**110-2023**	39	STUD-WELD (M10X1.5X25-MM)	
	12	1	**117-8721**	1	LUG (M10X1.5-THD)	
	14	1	**5I-3333**	1	PLATE	
	15	1,3	**7Y-2522**	4	PLATE	
M	16	1,2,3	**8X-4711**	5	BOSS AS (M12X1.75X20-MM)	
M	17	1	**8T-4219**	2	STUD-WELD (M10X1.5X17.5-MM)	
M	19	3	**8X-5952**	3	BLOCK (M12X1.75-MM)	
	20	1,2,3	**9C-4935**	3	PLATE	
M	21	1,2,3	**9C-6809**	8	BLOCK (M10X1.5-MM)	
M	22	1,3	**9C-7863**	5	BLOCK (M12X1.75-MM)	
M	23	1,2	**9R-1733**	6	BOSS (M10X1.5X66.5-MM)	
M	24	1,2,3	**9R-2613**	38	BOSS-WELD (M10X1.5X25-MM)	
M	25	1,2,3	**9R-4595**	12	BOSS (M12X1.75X30-MM)	
M	26	1,2	**9U-1793**	7	BLOCK (M12X1.75-MM)	
M	27	1	**7Y-8763**	1	BOSS (M10X1.5X25-MM)	
	29	2,3	**4E-0019**	4	BOSS (M10X1.5-THD)	
M	30	1,3	**8X-5963**	2	BLOCK (M12X1.75-MM)	

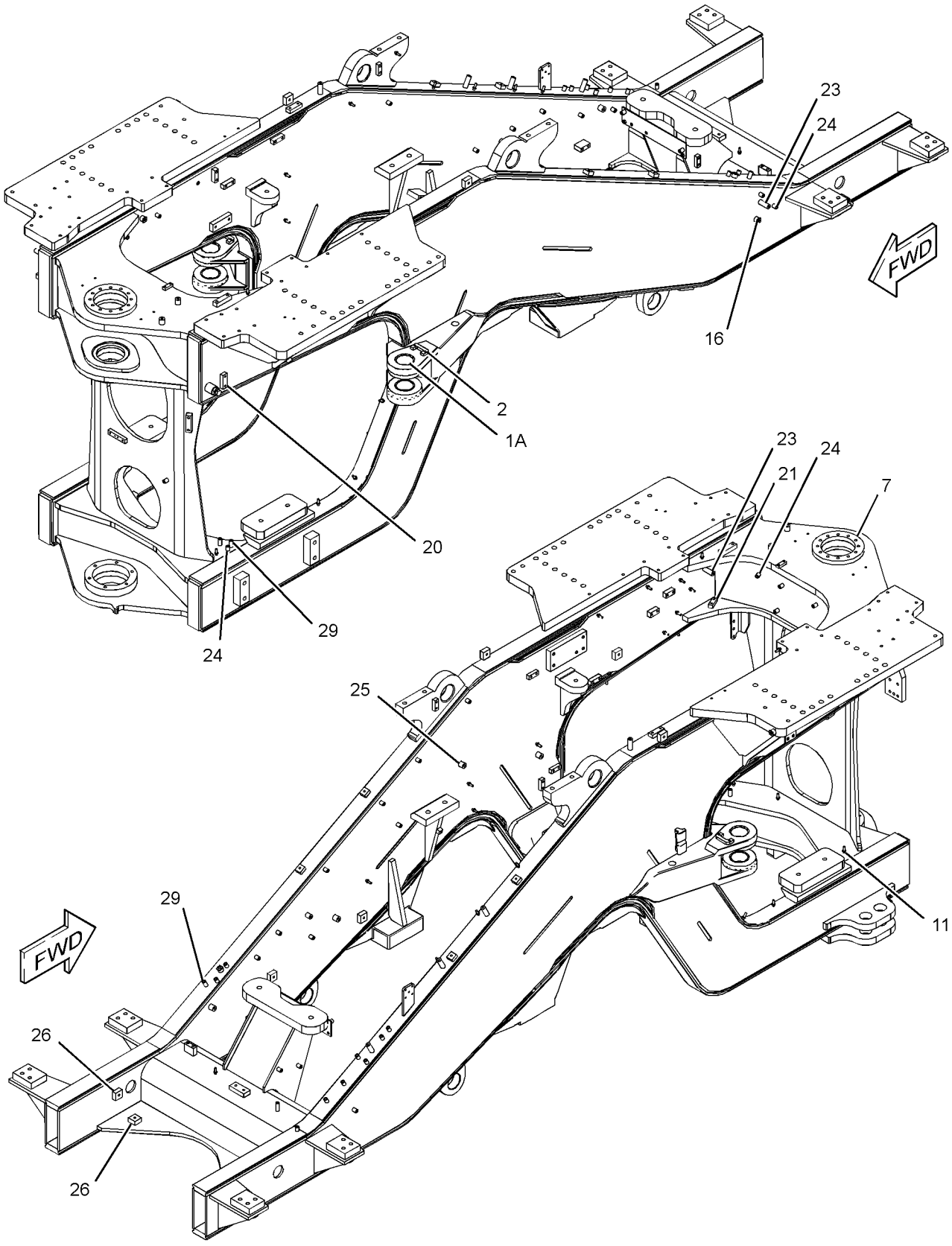
C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART

235-1085 **FRAME AS-REAR (**contd.**)** **i05413001**



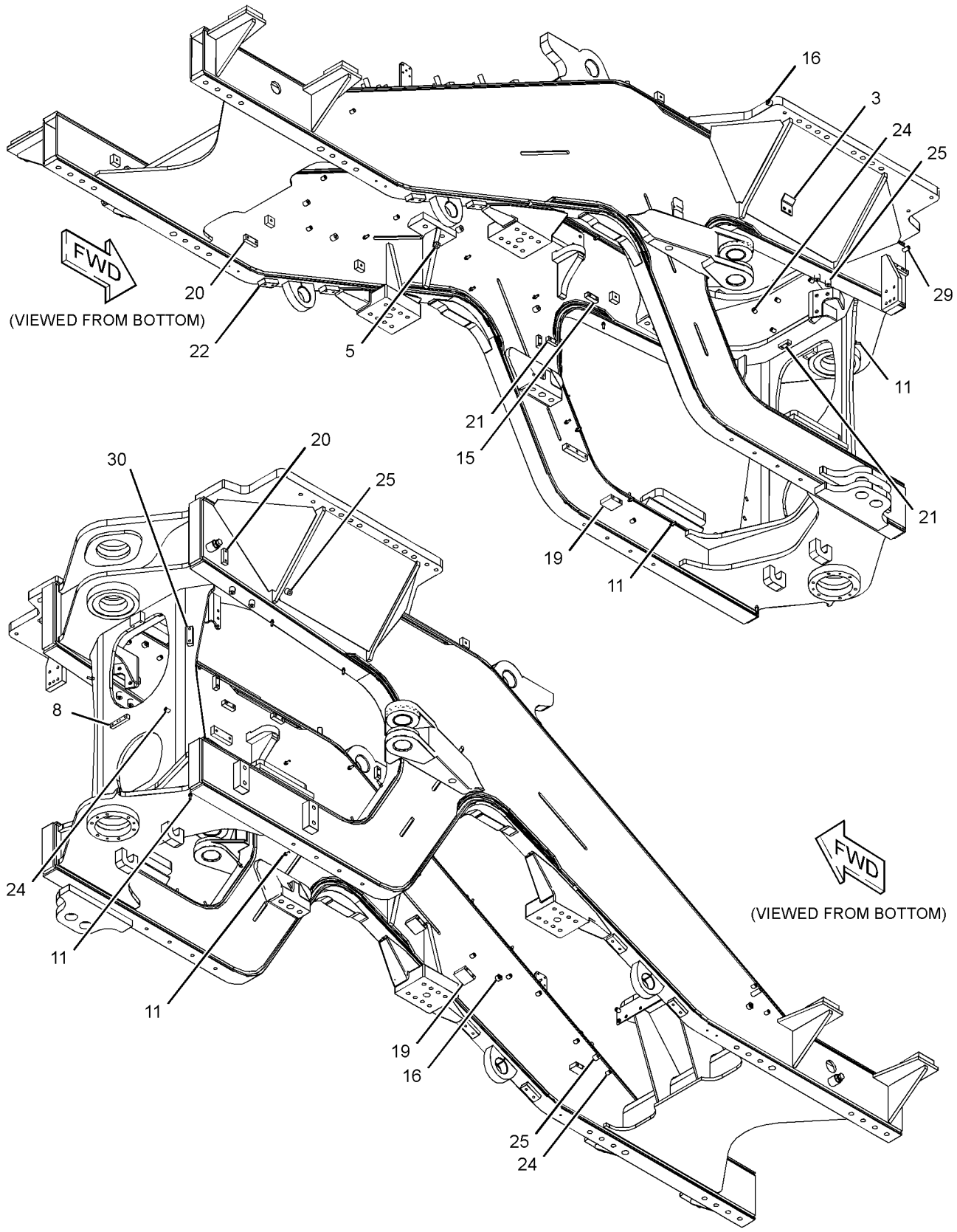
GRAPHIC #1 g06014371

235-1085 **FRAME AS-REAR (**contd.**)** **i05413001**



GRAPHIC #2 g06014356

235-1085 **FRAME AS-REAR (**contd.**)** **i05413001**



GRAPHIC #3 <END> g06014372

241-1856 FRAME AS-REAR–SOUND SUPPRESSION

S/N: BTW1-UP

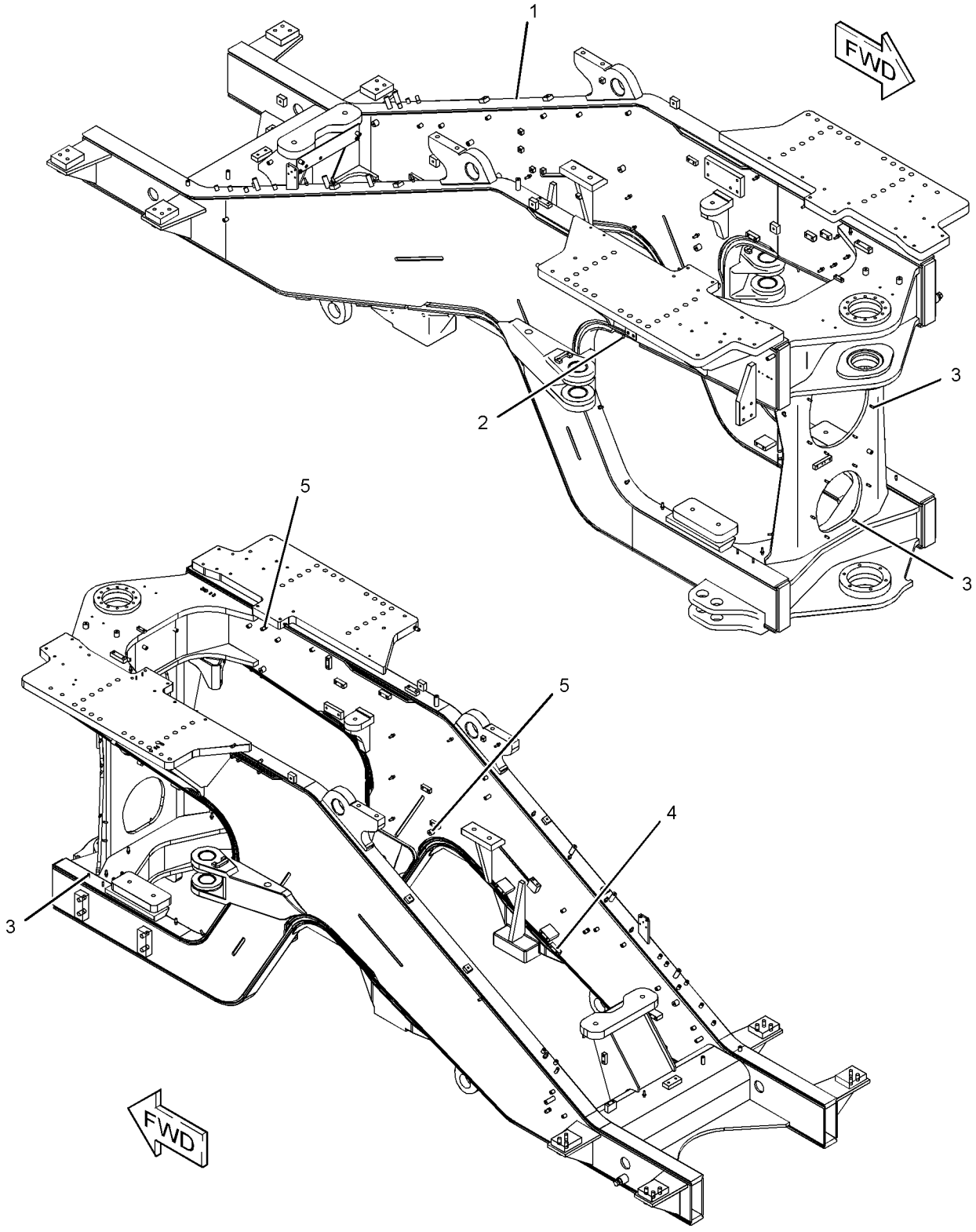
PART OF 240-9104 SUPPRESSION AR-SOUND

SMCS-7051 **i02422328**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**235-1085**	1	FRAME AS-REAR	842
M	2	1	**110-2023**	2	STUD-WELD (M10X1.5X25-MM)	
M	3	1	**8T-4219**	27	STUD-WELD (M10X1.5X17.5-MM)	
	4	1	**7Y-2522**	2	PLATE	
M	5	1	**9R-4595**	2	BOSS (M12X1.75X30-MM)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION

241-1856 **FRAME AS-REAR (**contd.**)** **i02422328**



GRAPHIC #1 <END> g01217645

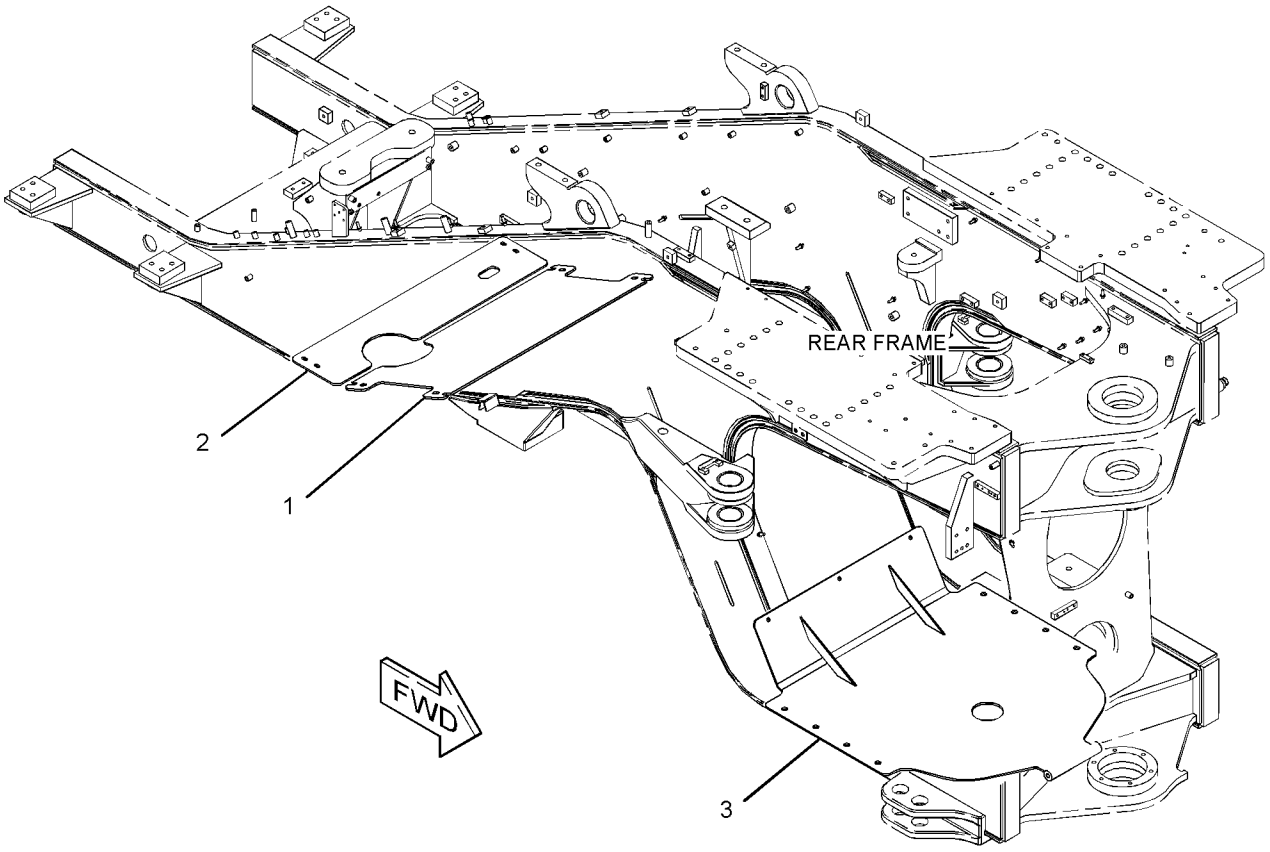
363-0132 GUARD GP-BOTTOM

S/N: BTW215-UP

PART OF 363-0601 GUARD GP-BOTTOM

SMCS-7153 **i04551644**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**358-0755**	1	GUARD	
	2	1	**358-0756**	1	GUARD	
	3	1	**358-0758**	1	GUARD AS	



GRAPHIC #1 <END> g02794469

363-0601 GUARD GP-BOTTOM

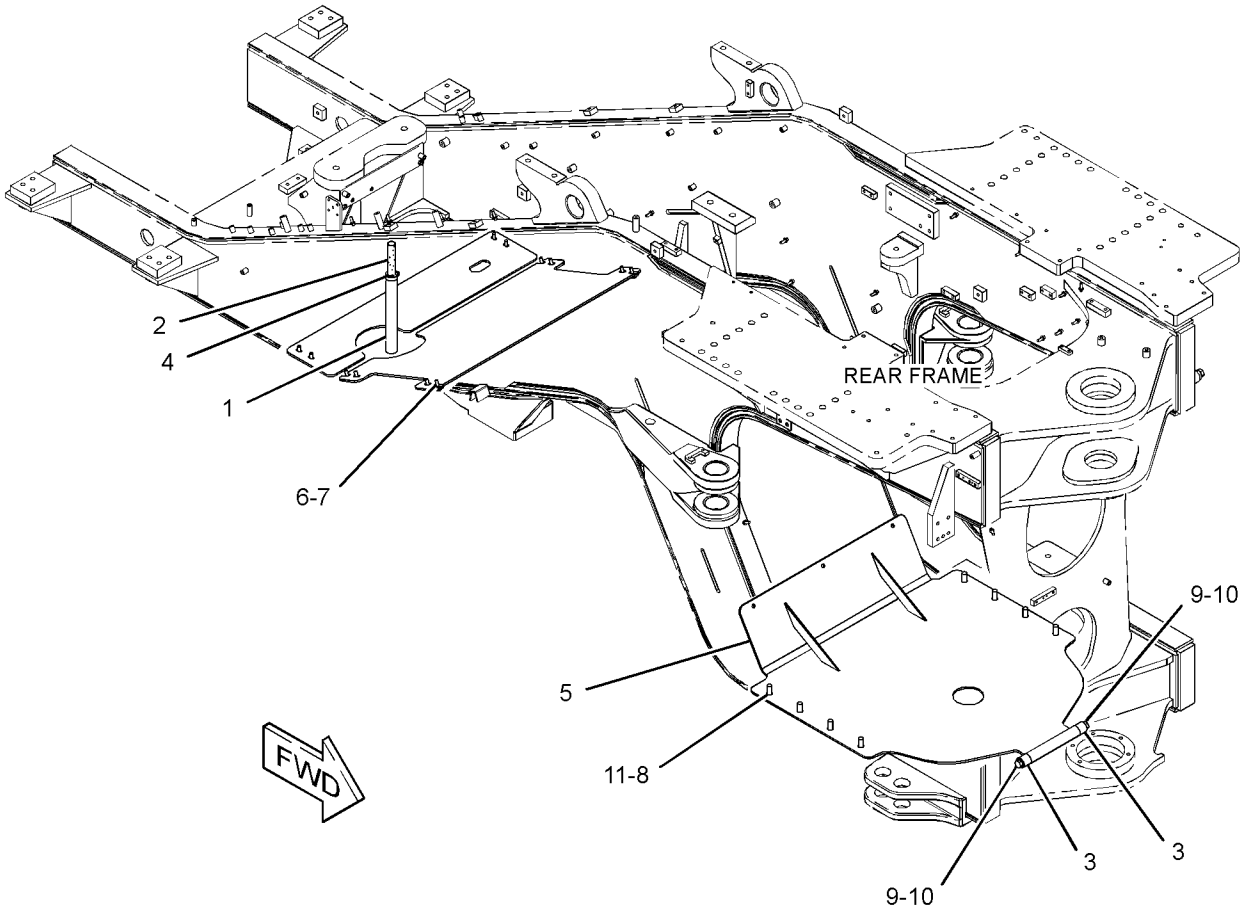
S/N: BTW215-UP

PART OF 230-3275 CHASSIS AR

SMCS-7153 **i04551670**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**2N-3600**	1	PIPE	
	2	1	**5P-1254**	1	HOSE	
	3	1	**7T-3264**	2	SPACER (22.22X44.45X40-MM THK)	
	4	1	**9M-2904**	1	CLAMP-HOSE	
Y	5	1	*363-0132*	1	GUARD GP-BOTTOM	860
	6	1	**7X-0590**	12	WASHER-HARD (13.5X44.5X6-MM THK)	
M	7	1	**7X-7478**	12	BOLT-LOCKING (M12X1.75X35-MM)	
	8	1	**8T-3282**	8	WASHER-HARD (22X35X3.5-MM THK)	
	9	1	**8T-4123**	2	WASHER (3.62X5.75X0.375-MM THK)	
M	10	1	**8T-4141**	2	BOLT (M20X2.5X70-MM)	
M	11	1	**8T-6430**	8	BOLT (M20X2.5X50-MM)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g02794541

194-8200 GUARD GP-CRANKCASE

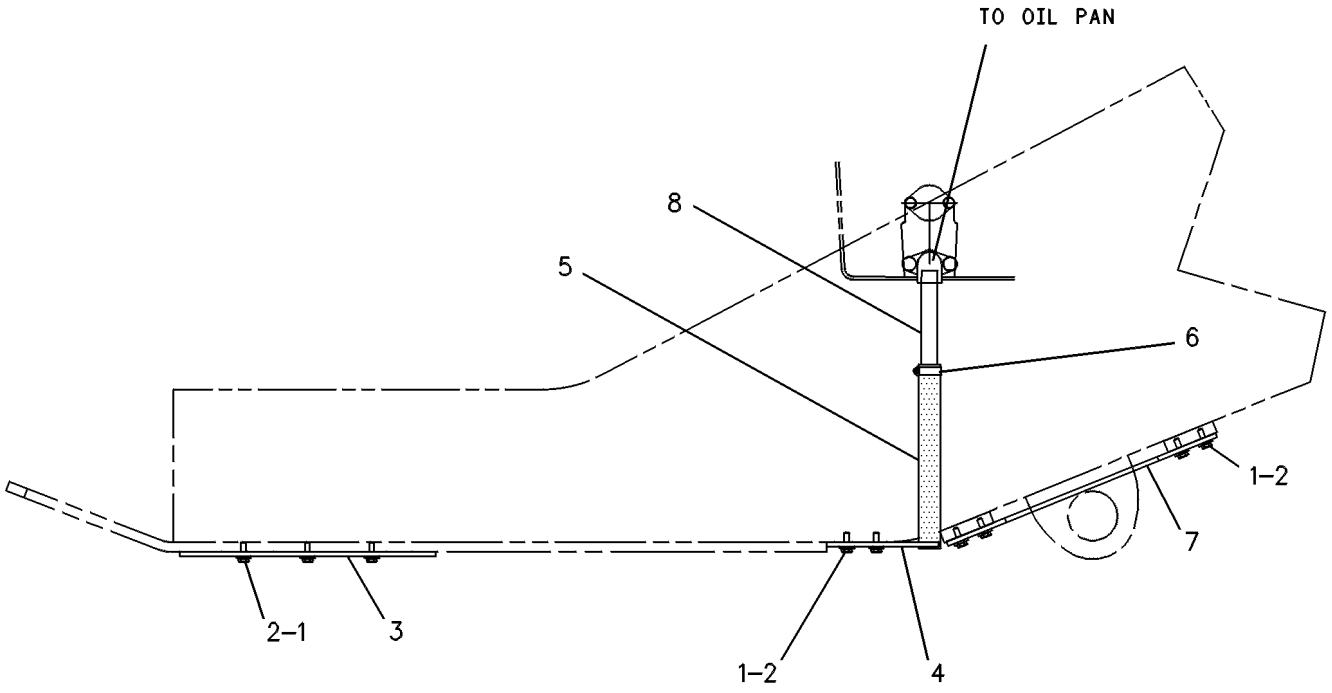
S/N: BTW1-214

PART OF 230-3275 CHASSIS AR

SMCS-7151 **i01897711**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7X-0618**	18	WASHER-HARD (13.5X40X5-MM THK)	
M	2	1	**7X-7478**	18	BOLT-LOCKING (M12X1.75X35-MM)	
	3	1	**195-6491**	1	GUARD	
	4	1	**4E-9819**	1	GUARD	
BE	5	1	**5P-1254**		HOSE	
	6	1	**9M-2904**	1	CLAMP-HOSE	
	7	1	**213-7270**	1	GUARD	
	8	1	**2N-3600**	1	PIPE	

B - USE AS REQUIRED
E - ORDER BY THE CENTIMETER
M - METRIC PART



GRAPHIC #1 <END> g00120141

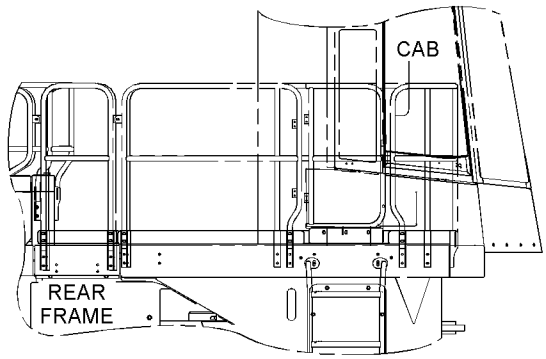
325-7392 GUARD GP-PLATFORM

S/N: BTW184-UP

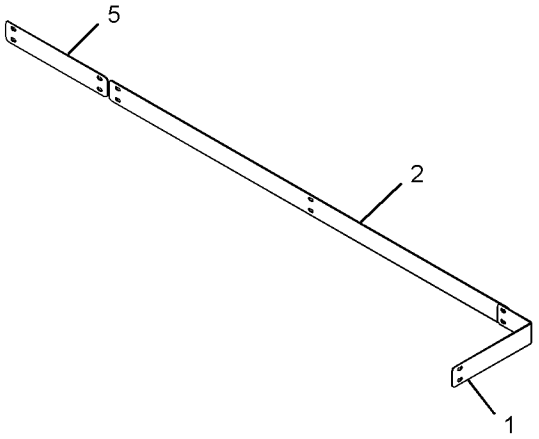
PART OF 219-7514 HANDRAIL & STEP GP

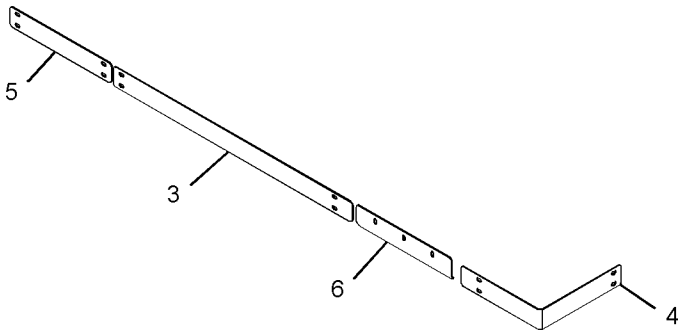
SMCS-7253 **i03536465**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**325-7366**	1	PLATE-GUARD	
	2	1	**325-7367**	1	PLATE-GUARD	
	3	1	**325-7368**	1	PLATE-GUARD	
	4	1	**325-7369**	1	PLATE-GUARD	
	5	1	**325-7381**	2	PLATE-GUARD	
	6	1	**325-7382**	1	PLATE-GUARD	



RIGHT SIDE VIEW







GRAPHIC #1 <END> g02089005

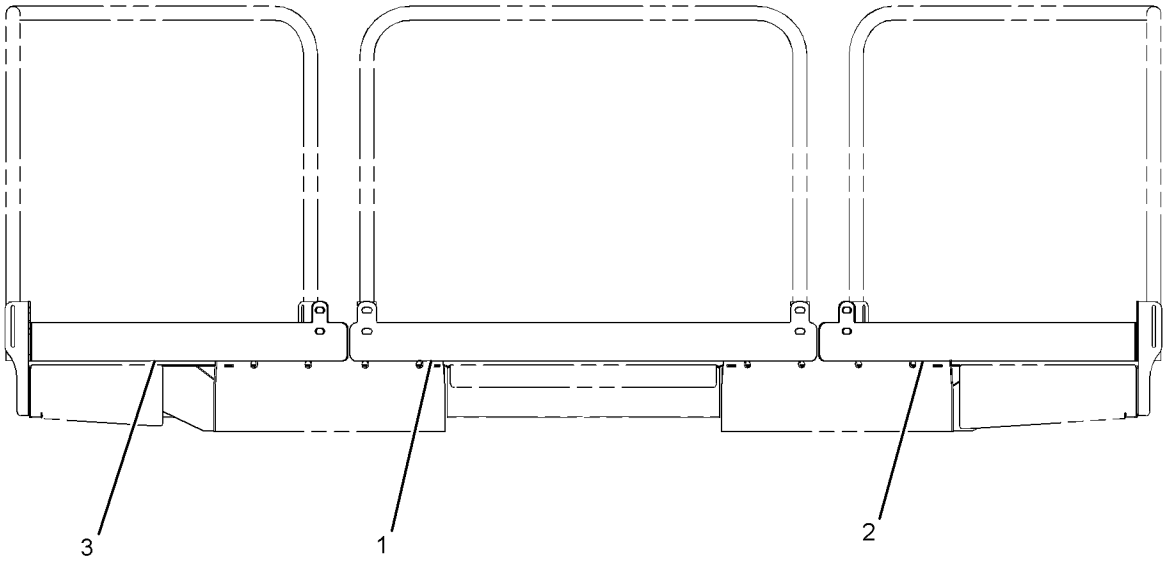
325-7398 GUARD GP-PLATFORM

S/N: BTW184-UP

PART OF 239-3903 WALKWAY GP

SMCS-7253 **i03539122**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**325-7383**	1	PLATE-GUARD	
	2	1	**333-9681**	1	PLATE-GUARD	
	3	1	**333-9682**	1	PLATE-GUARD	



FRONT VIEW

GRAPHIC #1 <END> g01951125

8R-5635 GUARD GP-POWER TRAIN

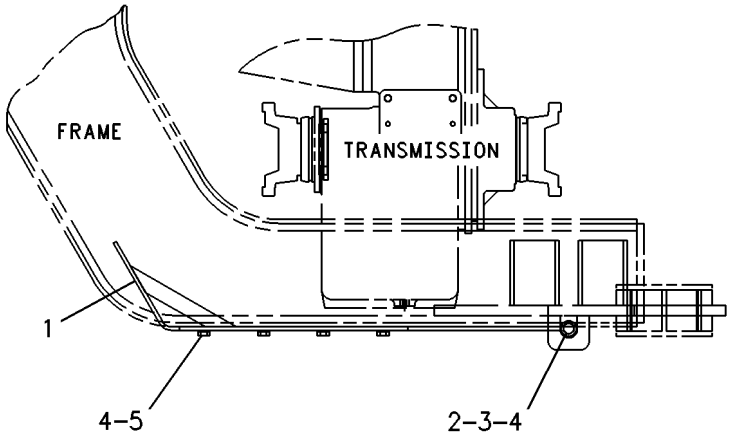
S/N: BTW1-214

PART OF 230-3275 CHASSIS AR

SMCS-7153 **i00174625**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9U-1328**	1	GUARD AS	
	2	1	**7T-3264**	2	SPACER (22.22X44.45X40-MM THK)	
M	3	1	**8T-4141**	2	BOLT (M20X2.5X70-MM)	
	4	1	**8T-4123**	10	WASHER (3.62X5.75X0.375-MM THK)	
M	5	1	**8T-6430**	8	BOLT (M20X2.5X50-MM)	

M - METRIC PART



GRAPHIC #1 <END> g00119817

234-4992 GUARD GP-RADIATOR

S/N: BTW1-UP

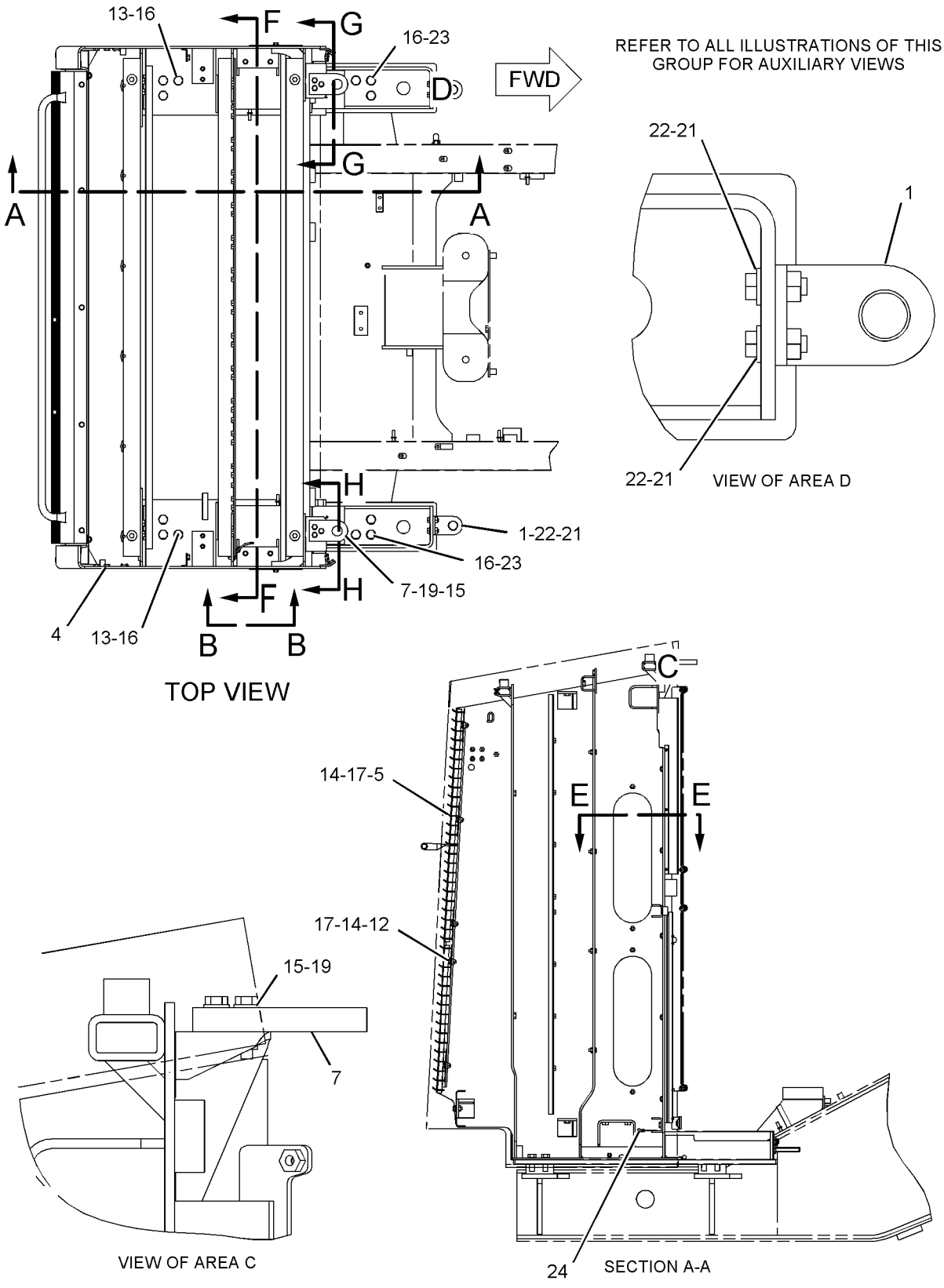
PART OF 276-2543 RADIATOR AR

SMCS-7155 **i02025015**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**134-2782**	2	BRACKET AS	
					(EACH INCLUDES)	
M		1	**8T-3597**	2	NUT-WELD (M12X1.75-THD)	
	2	2	**188-0807**	1	GRILL AS (CENTER)	
	3	2	**191-8442**	1	PLATE	
	4	1	**191-8451**	1	GUARD AS-RADIATOR	
M		1	**9R-2613**	1	BOSS-WELD (M10X1.5X25-MM)	
	5	1	**193-4023**	1	GRILL AS	
	6	2	**193-8912**	4	COVER	
	7	1	**194-0570**	2	PLATE	
	8	2	**205-0034**	1	BAFFLE AS	
		2	**7D-8635**	3	RIVET	
	9	2	**205-0035**	1	BAFFLE AS	
		2	**7D-8635**	3	RIVET	
	10	2	**205-0036**	1	BAFFLE AS	
		2	**7D-8635**	7	RIVET	
	11	2	**208-9408**	1	CHANNEL	
	12	1	**240-2615**	1	GRILL AS	
M	13	1	**7X-2563**	6	BOLT (M20X2.5X60-MM)	
	14	1,2	**7X-7729**	21	WASHER (11X25X3-MM THK)	
	15	1,2	**8T-4121**	22	WASHER-HARD (11X21X2.5-MM THK)	
	16	1	**8T-4123**	12	WASHER (3.62X5.75X0.375-MM THK)	
M	17	1,2	**8T-4136**	33	BOLT (M10X1.5X25-MM)	
M	18	2	**8T-4139**	4	BOLT (M12X1.75X30-MM)	
M	19	1	**8T-4182**	6	BOLT (M10X1.5X45-MM)	
M	20	2	**8T-4195**	4	BOLT (M10X1.5X30-MM)	
	21	1,2	**8T-4223**	8	WASHER-HARD (13.5X25.5X3-MM THK)	
M	22	1	**8T-4956**	4	BOLT (M12X1.75X35-MM)	
M	23	1	**8T-6430**	6	BOLT (M20X2.5X50-MM)	
D	24	1,2	**5P-7211**		SEAL (.29 M)	

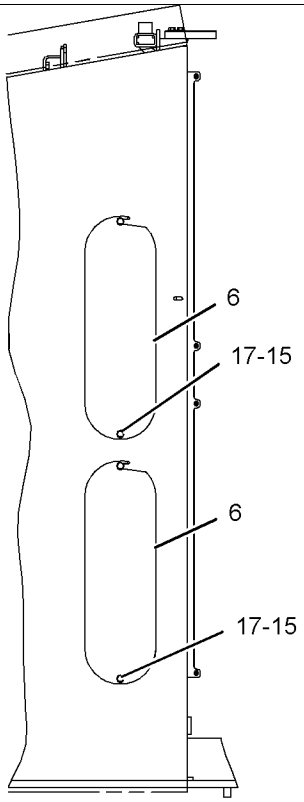
D - ORDER BY THE METER
M - METRIC PART

234-4992 **GUARD GP-RADIATOR (**contd.**)** **i02025015**

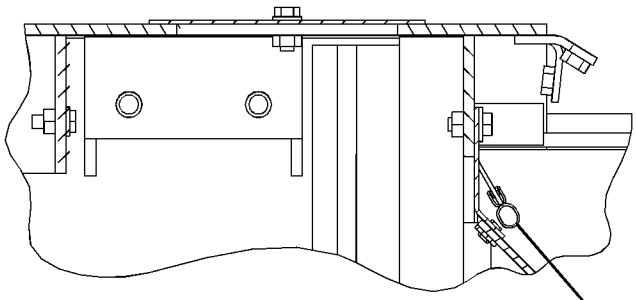


GRAPHIC #1 g01046651

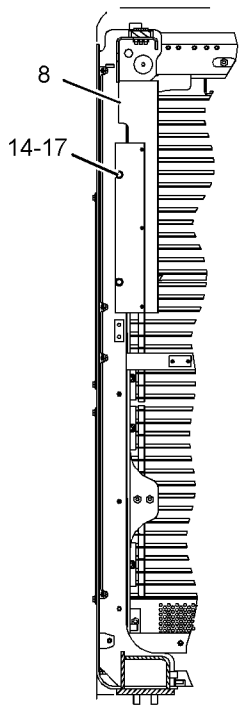
234-4992 **GUARD GP-RADIATOR (**contd.**)** **i02025015**



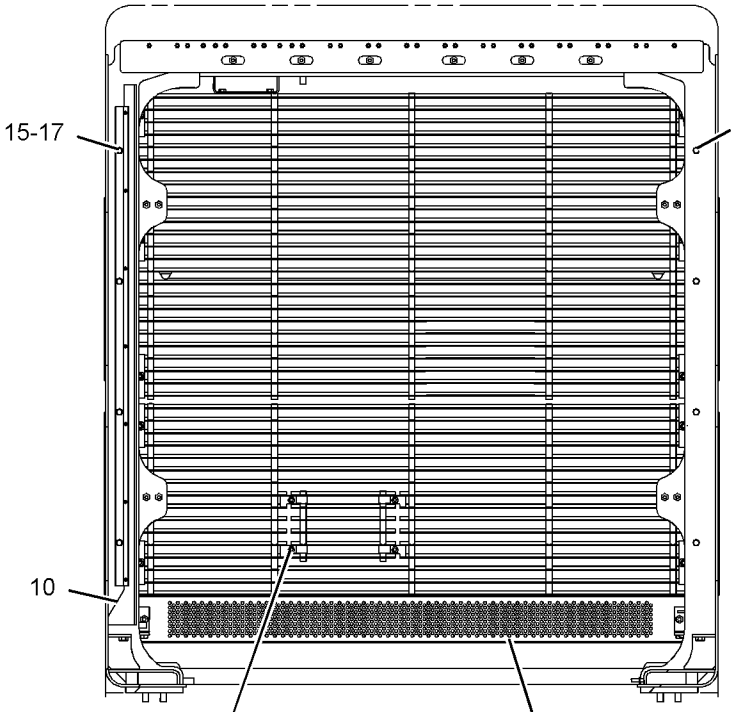
VIEW B-B



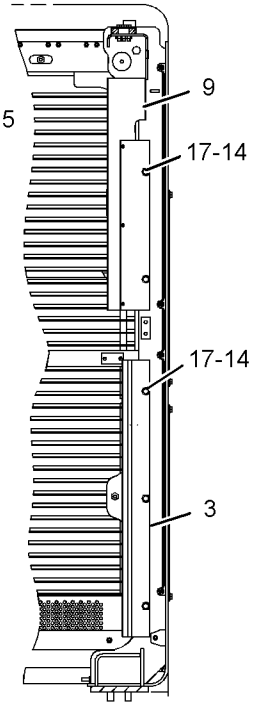
SECTION E-E



SECTION H-H



SECTION F-F



SECTION G-G

GRAPHIC #2

<END>

g01046643

219-7514 HANDRAIL & STEP GP

S/N: BTW1-165

PART OF 230-3275 CHASSIS AR

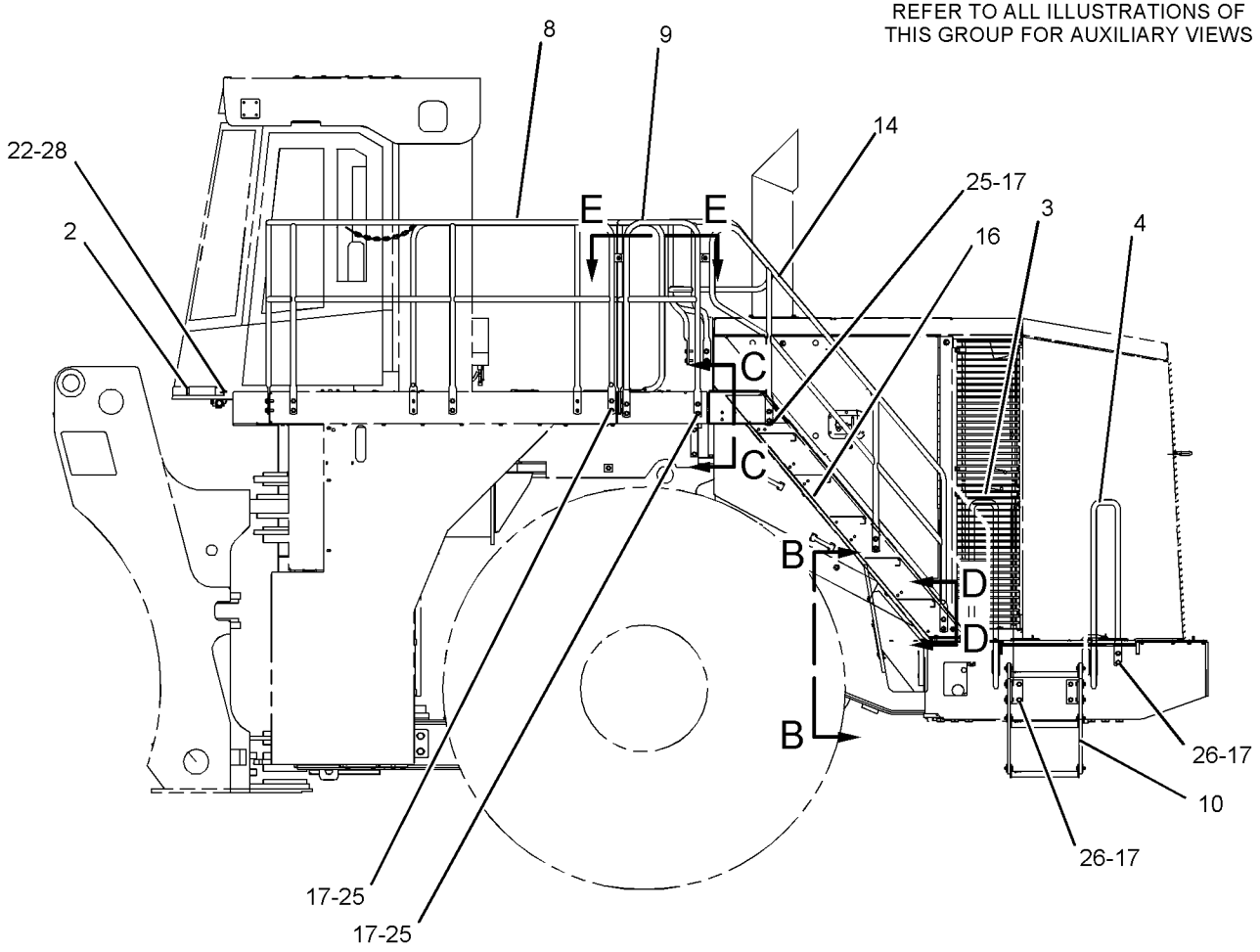
SMCS-7254, 7256 **i02426966**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-1303**	4	SPACER (13X20X12.5-MM THK)	
	2	1,2	**4E-8847**	2	PLATE	
	3	1	**4E-8852**	2	HANDLE (LH)	
	4	1	**4E-8892**	2	HANDLE (RH)	
	5	1	**6S-6251**	2	MOUNT	
	6	2	**7I-4170**	1	HANDRAIL AS	
	7	2	**9U-1390**	1	HANDRAIL AS	
		2	**161-8900**	1	CONNECTOR	
		2	**161-9901**	1	SNAP	
		2	**220-6079**	1	CHAIN	
	8	1	**9U-1396**	1	HANDRAIL AS	
	9	1	**122-5967**	1	HANDRAIL AS	
Y	10	1	*144-2641*	2	STEP GP	936
	11	1	**155-8391**	4	SLEEVE	
	12	2	**279-0520**	1	HANDRAIL AS	
Y	13	2	*204-8912*	1	PLATFORM GP	1322
	14	1	**220-6064**	1	HANDRAIL AS	
	15	1	**220-6075**	2	PLATE	
	16	1	**220-6080**	1	STAIR AS	
	17	1,2	**5P-1076**	59	WASHER-HARD (13.5X30X4-MM THK)	
	18	2	**7I-4169**	1	LADDER AS	
	19	2	**7X-0515**	6	WASHER-HARD (17X35X5-MM THK)	
	20	1	**7X-0618**	2	WASHER-HARD (13.5X40X5-MM THK)	
M	21	2	**7X-2552**	6	BOLT (M16X2X30-MM)	
	22	1,2	**7X-7729**	12	WASHER (11X25X3-MM THK)	
M	23	2	**8T-4133**	2	NUT (M10X1.5-THD)	
M	24	2	**8T-4139**	4	BOLT (M12X1.75X30-MM)	
M	25	1,2	**8T-4183**	31	BOLT (M12X1.75X40-MM)	
M	26	1	**8T-4194**	26	BOLT (M12X1.75X50-MM)	
M	27	2	**8T-4195**	2	BOLT (M10X1.5X30-MM)	
M	28	1,2	**8T-4196**	8	BOLT (M10X1.5X35-MM)	
M	29	1	**8T-4956**	12	BOLT (M12X1.75X35-MM)	
	30	2	**8T-4223**	8	WASHER-HARD (13.5X25.5X3-MM THK)	

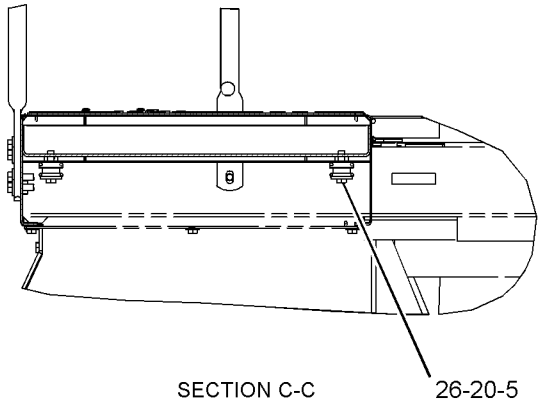
M - METRIC PART
Y - SEPARATE ILLUSTRATION

219-7514 **HANDRAIL & STEP GP (**contd.**)** **i02426966**

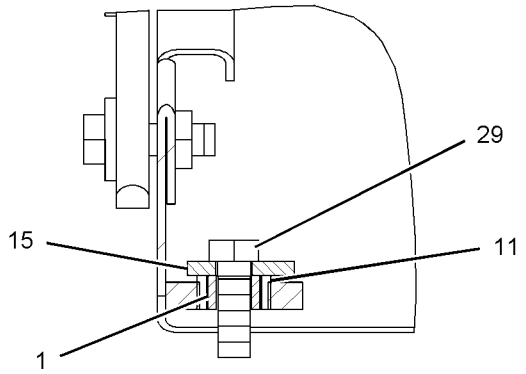
REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



LEFT SIDE VIEW



SECTION C-C

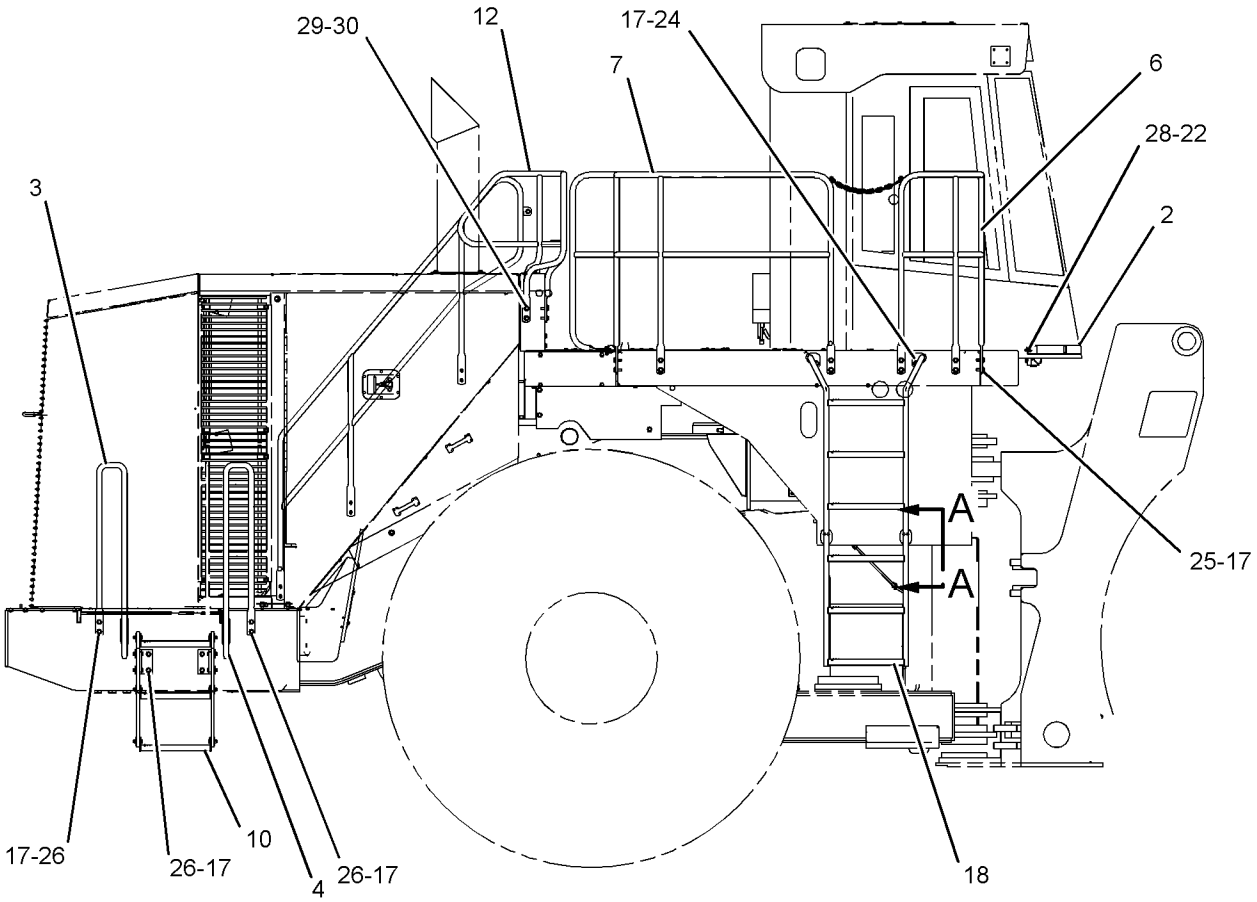


SECTION D-D

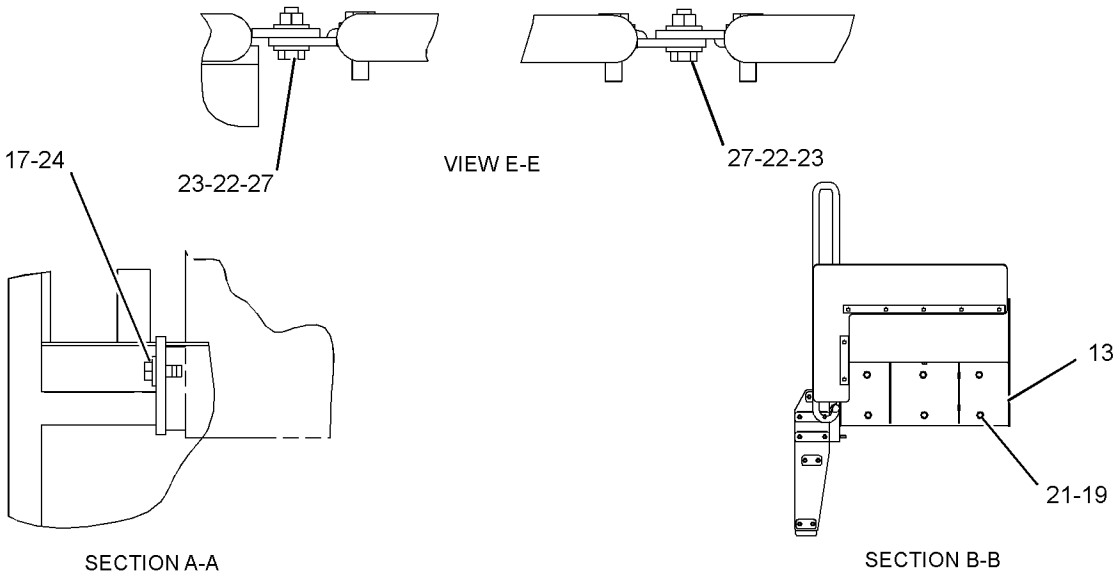
GRAPHIC #1

g01050868

219-7514 **HANDRAIL & STEP GP (**contd.**)** **i02426966**



RIGHT SIDE VIEW



GRAPHIC #2 <END> g01213115

219-7514 HANDRAIL & STEP GP

S/N: BTW166-183

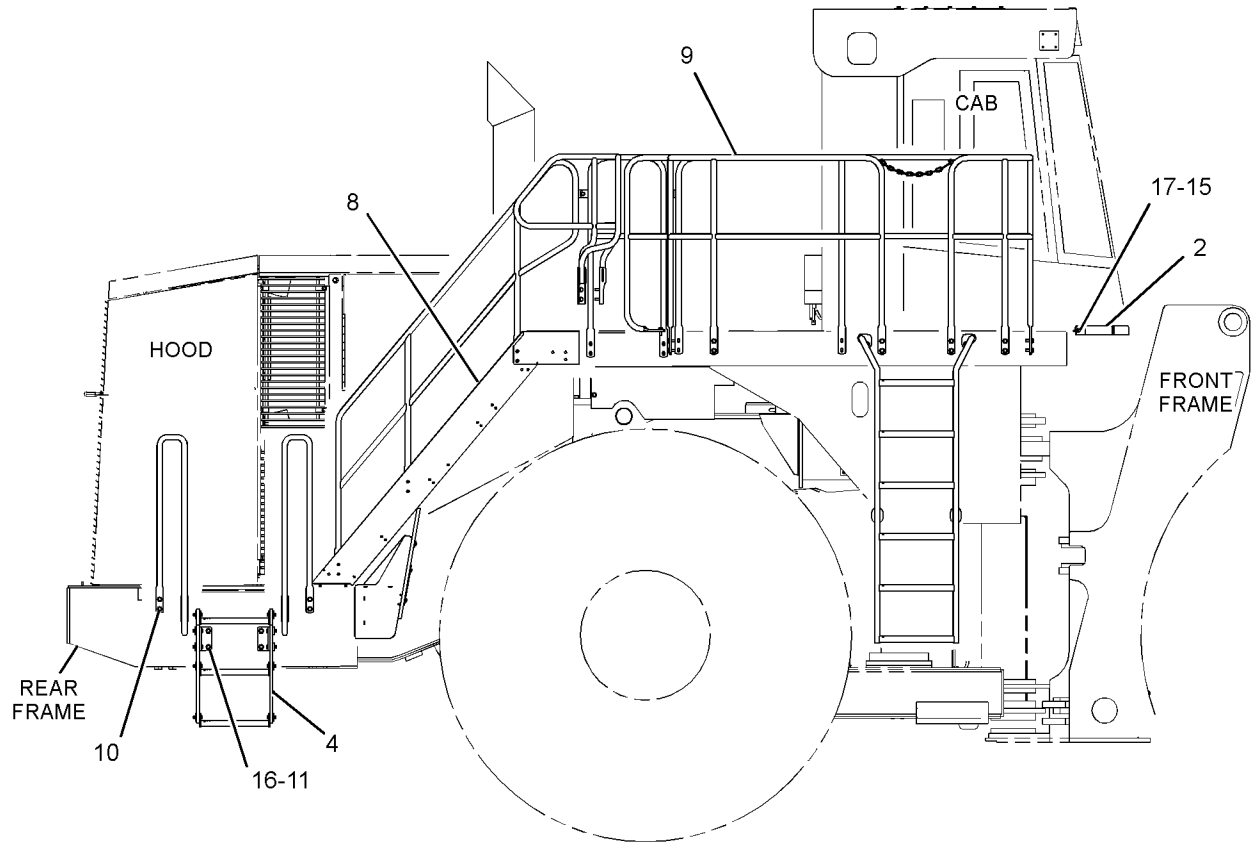
PART OF 230-3275 CHASSIS AR

SMCS-7254, 7256 **i02712815**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**4E-1303**	4	SPACER (13X20X12.5-MM THK)	
	2	1,2	**4E-8847**	2	PLATE	
	3	2	**6S-6251**	2	MOUNT	
Y	4	1,2	*144-2641*	2	STEP GP	936
	5	2	**155-8391**	4	SLEEVE	
Y	6	2	*204-8912*	1	PLATFORM GP	1322
	7	2	**220-6075**	2	PLATE	
	8	1	**220-6080**	1	STAIR AS	
CY	9	1	**300-6341**	1	HANDRAIL GP	883
CY	10	1	**300-6342**	1	HARDWARE GP-HANDRAIL MOUNTING (LH)	889
C	11	1,2	**5P-1076**	8	WASHER-HARD (13.5X30X4-MM THK)	
	12	2	**7X-0515**	6	WASHER-HARD (17X35X5-MM THK)	
	13	2	**7X-0618**	2	WASHER-HARD (13.5X40X5-MM THK)	
M	14	2	**7X-2552**	6	BOLT (M16X2X30-MM)	
C	15	1,2	**7X-7729**	8	WASHER (11X25X3-MM THK)	
CM	16	1,2	**8T-4194**	10	BOLT (M12X1.75X50-MM)	
M	17	1,2	**8T-4196**	8	BOLT (M10X1.5X35-MM)	
CM	18	2	**8T-4956**	4	BOLT (M12X1.75X35-MM)	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
Y - SEPARATE ILLUSTRATION

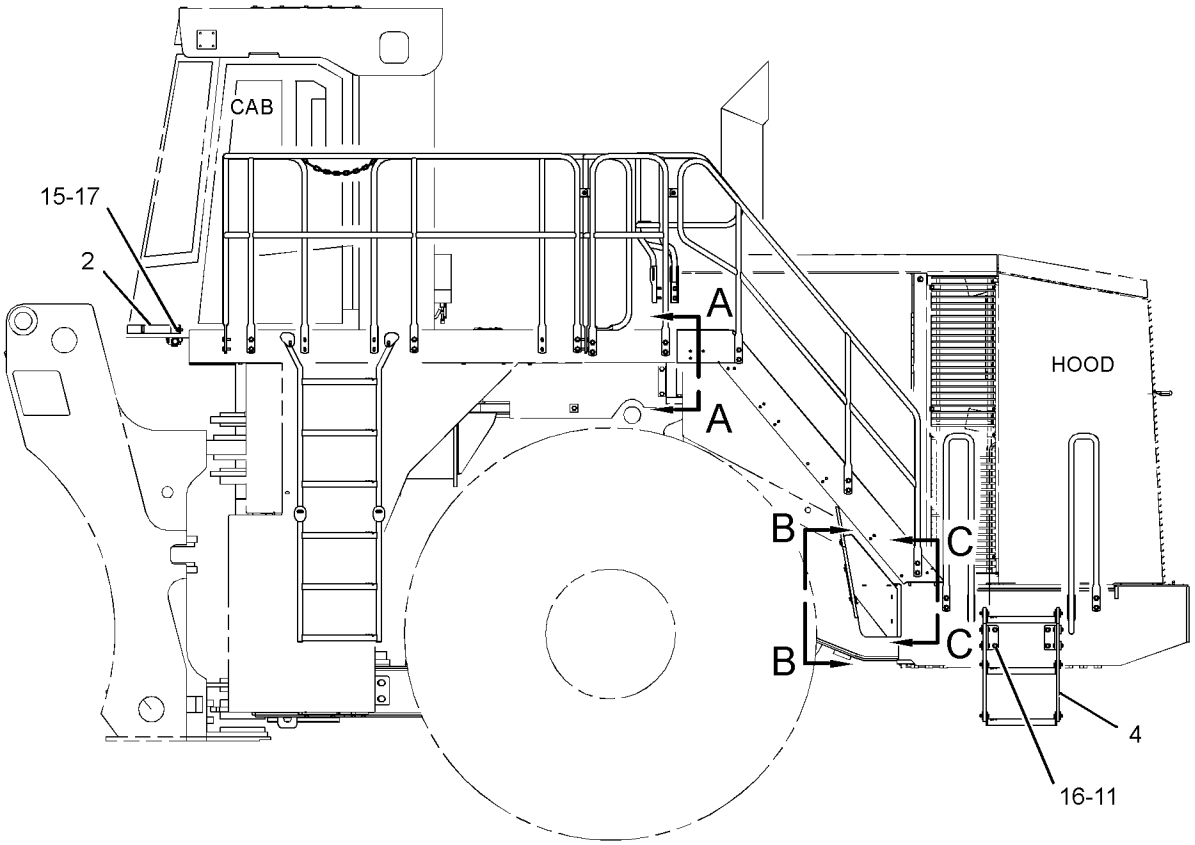
219-7514 **HANDRAIL & STEP GP (**contd.**)** **i02712815**



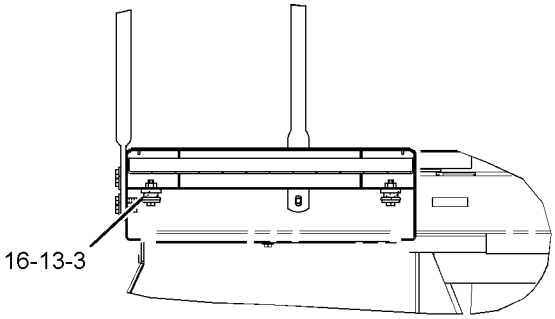
RIGHT SIDE VIEW

GRAPHIC #1 g01371001

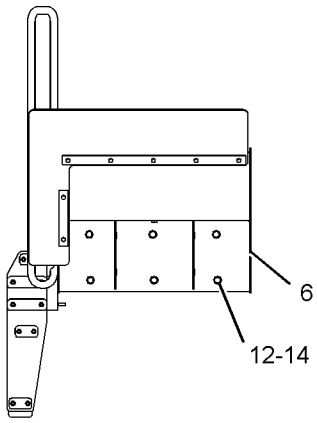
219-7514 **HANDRAIL & STEP GP** (contd.) **i02712815**



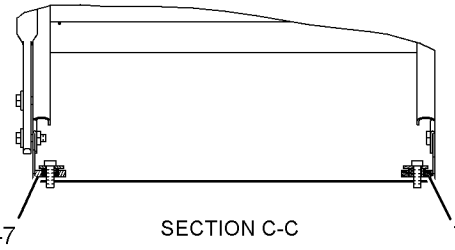
LEFT SIDE VIEW



SECTION A-A



VIEW B-B



SECTION C-C

GRAPHIC #2 <END> g01371002

219-7514 HANDRAIL & STEP GP

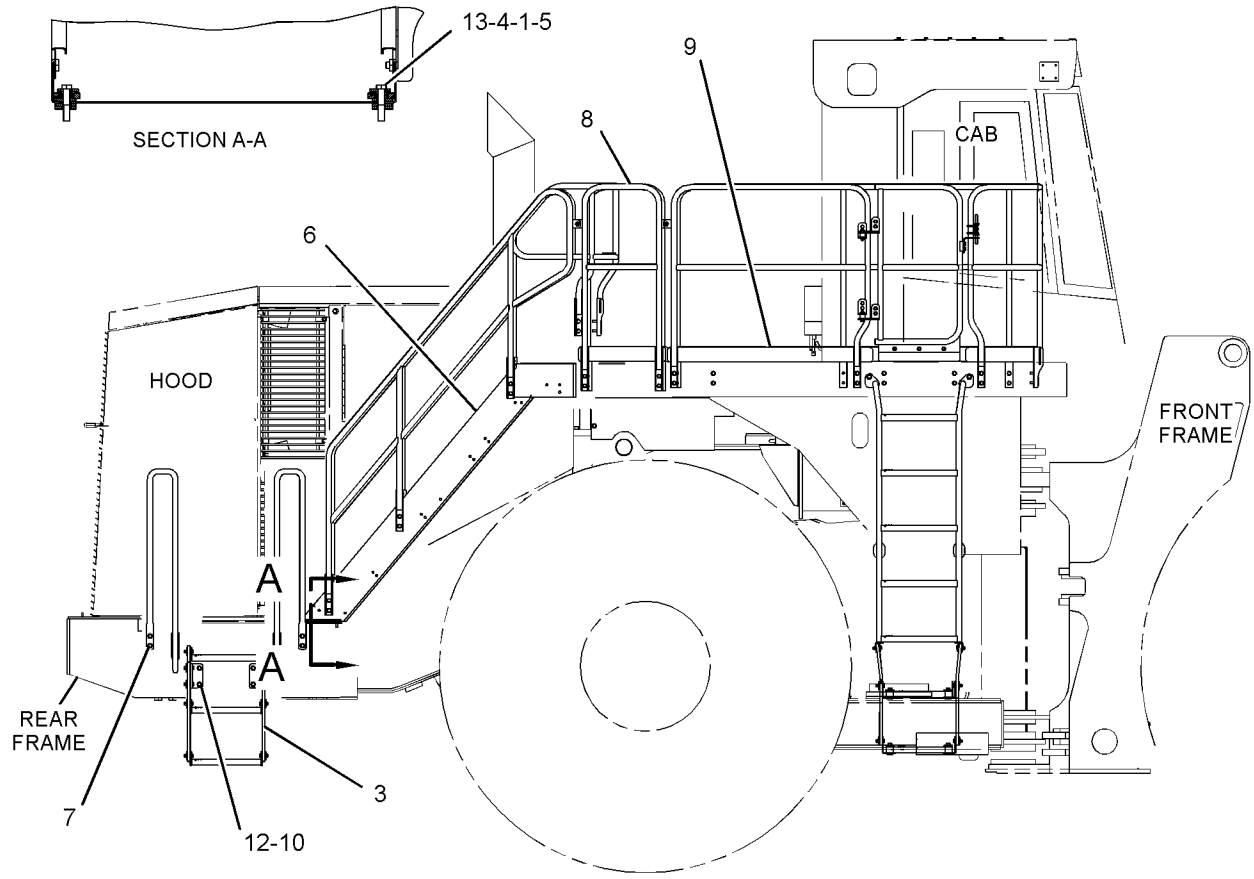
S/N: BTW184-214

PART OF 230-3275 CHASSIS AR

SMCS-7254, 7256 **i04856490**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1,2	**4E-1303**	8	SPACER (13X20X12.5-MM THK)	
C	2	2	**6S-6251**	4	MOUNT	
Y	3	1,2	**144-2641**	2	STEP GP	936
C	4	1,2	**155-8391**	8	SLEEVE	
C	5	1,2	**220-6075**	12	PLATE	
C	6	1,2	**220-6080**	2	STAIR AS	
Y	7	1	*300-6342*	1	HARDWARE GP-HANDRAIL MOUNTING (LH)	889
CY	8	1	*325-7390*	1	HANDRAIL GP	886
CY	9	1	*325-7392*	1	GUARD GP-PLATFORM	863
	10	1,2	**5P-1076**	10	WASHER-HARD (13.5X30X4-MM THK)	
C	11	2	**7X-0618**	4	WASHER-HARD (13.5X40X5-MM THK)	
CM	12	1,2	**8T-4194**	12	BOLT (M12X1.75X50-MM)	
CM	13	1	**8T-4910**	4	BOLT (M12X1.75X60-MM)	
M	14	2	**8T-4956**	4	BOLT (M12X1.75X35-MM)	

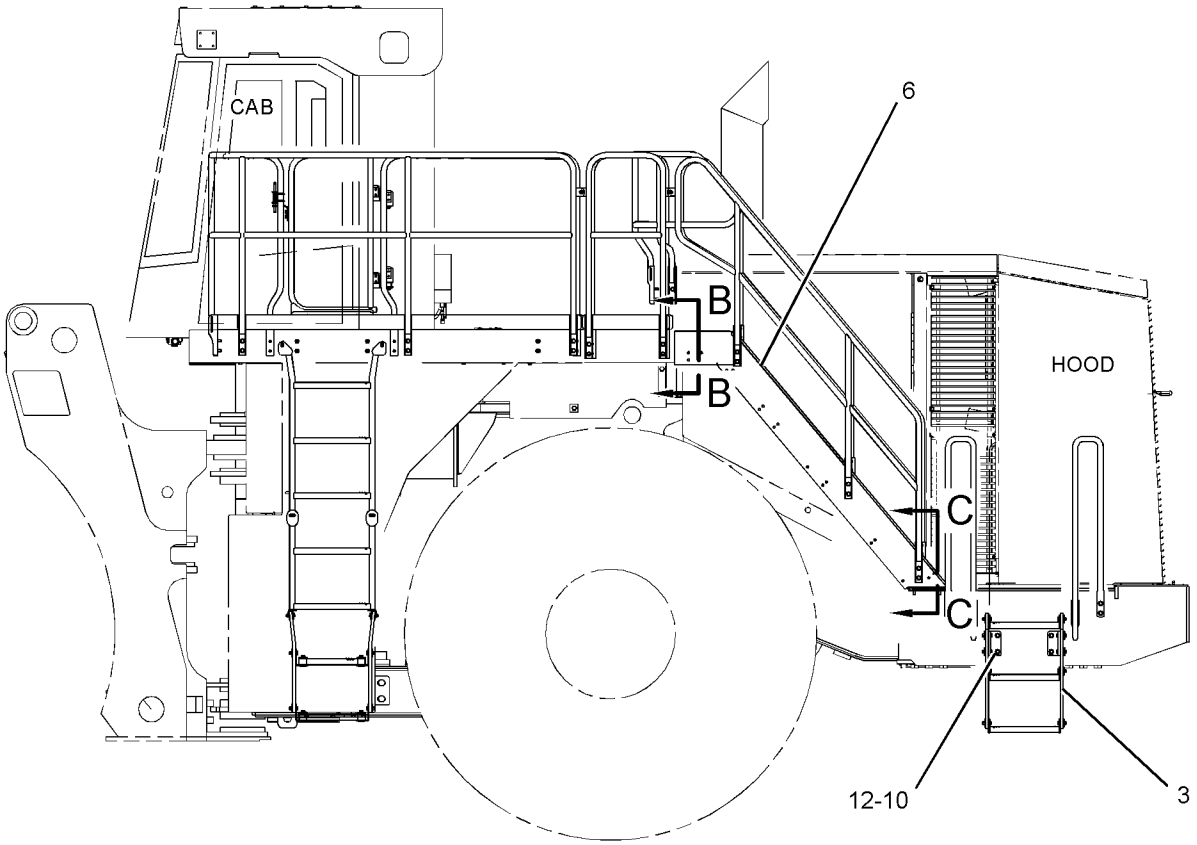
C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
Y - SEPARATE ILLUSTRATION



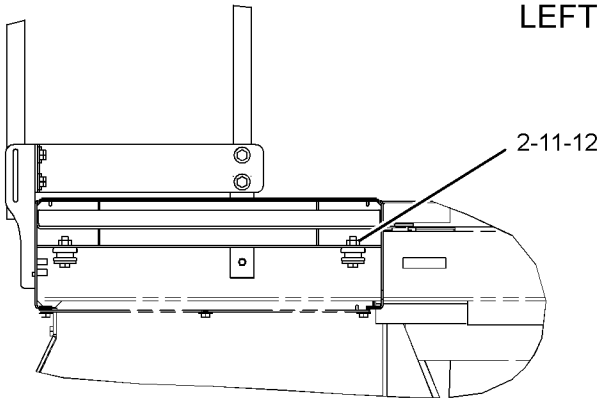
RIGHT SIDE VIEW

GRAPHIC #1 g02985500

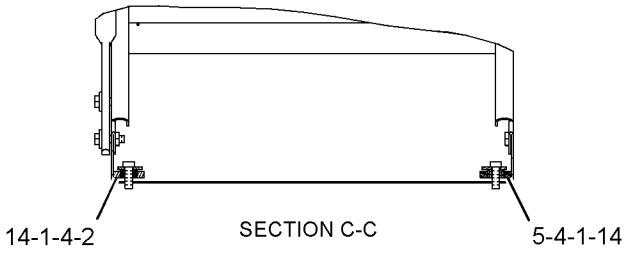
219-7514 **HANDRAIL & STEP GP (**contd.**)** **i04856490**



LEFT SIDE VIEW



SECTION B-B



SECTION C-C

GRAPHIC #2 <END> g02985539

219-7514 HANDRAIL & STEP GP

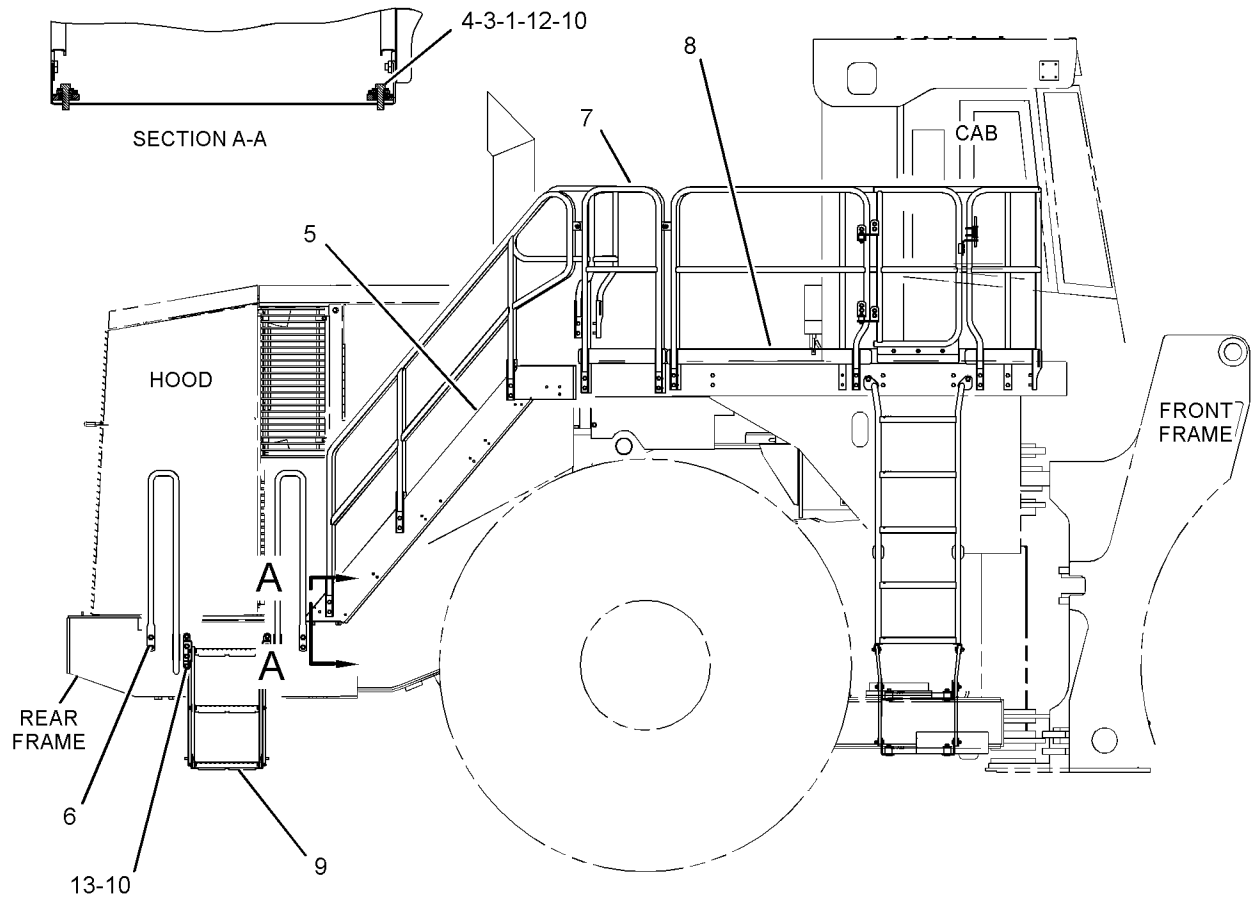
S/N: BTW215-UP

PART OF 230-3275 CHASSIS AR

SMCS-7254, 7256 **i04856438**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1,2	**4E-1303**	8	SPACER (13X20X12.5-MM THK)	
	2	2	**6S-6251**	4	MOUNT	
	3	1,2	**155-8391**	8	SLEEVE	
C	4	1,2	**220-6075**	4	PLATE	
	5	1,2	**220-6080**	2	STAIR AS	
Y	6	1	*300-6342*	1	HARDWARE GP-HANDRAIL MOUNTING (LH)	889
Y	7	1	*325-7390*	1	HANDRAIL GP	886
Y	8	1	*325-7392*	1	GUARD GP-PLATFORM	863
CY	9	1,2	*355-1284*	2	STEP GP	937
C	10	1,2	**5P-1076**	24	WASHER-HARD (13.5X30X4-MM THK)	
	11	2	**7X-0618**	4	WASHER-HARD (13.5X40X5-MM THK)	
CM	12	1,2	**8T-4183**	8	BOLT (M12X1.75X40-MM)	
CM	13	1,2	**8T-4194**	20	BOLT (M12X1.75X50-MM)	

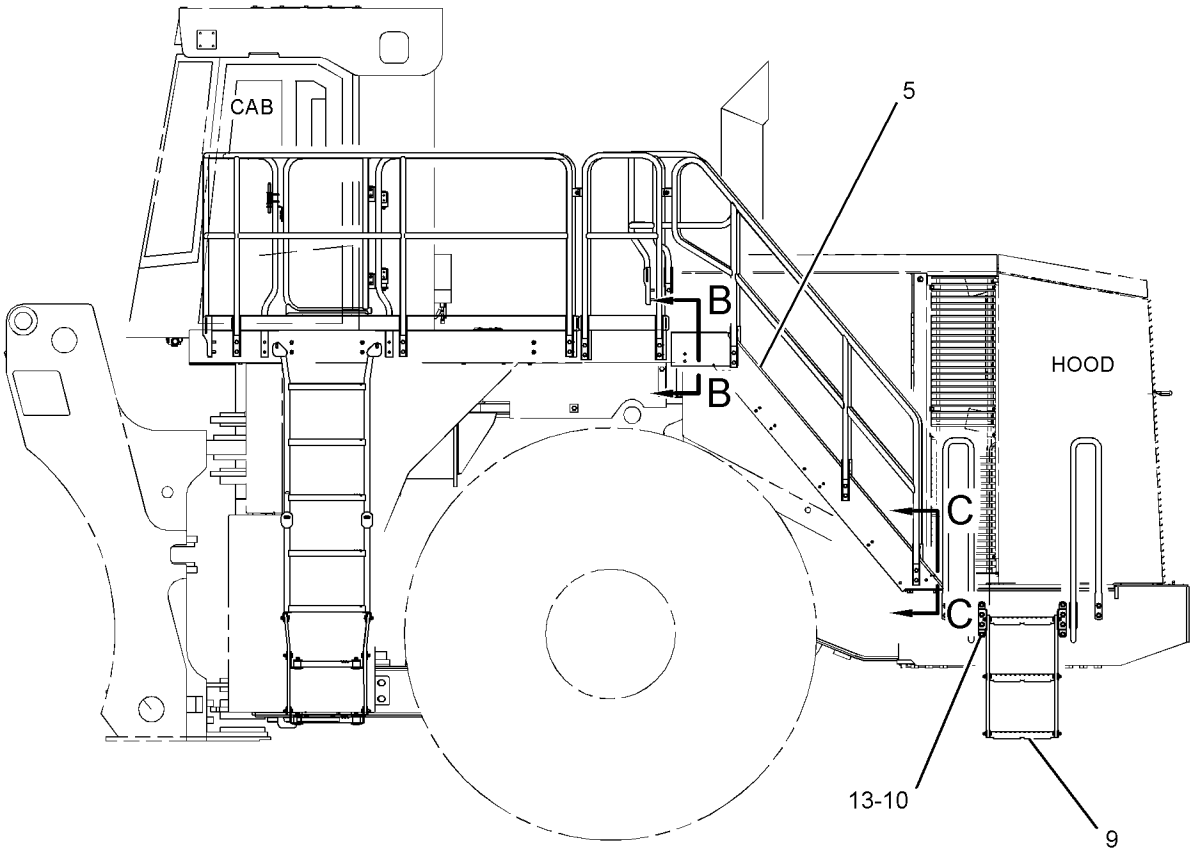
C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
Y - SEPARATE ILLUSTRATION



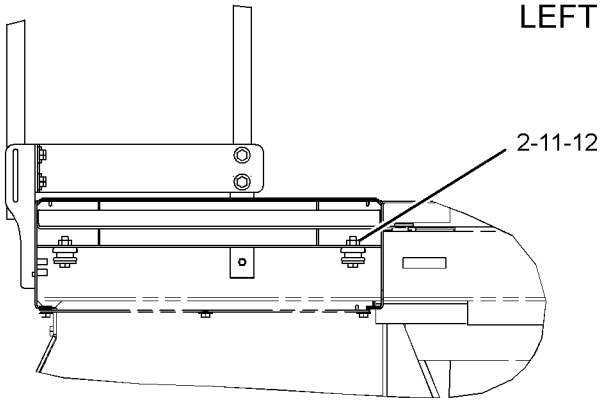
RIGHT SIDE VIEW

GRAPHIC #1 g02985757

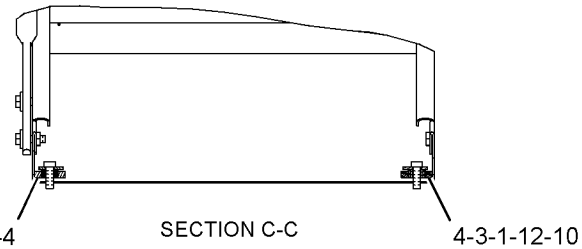
219-7514 **HANDRAIL & STEP GP (**contd.**)** **i04856438**



LEFT SIDE VIEW



SECTION B-B



SECTION C-C

GRAPHIC #2 <END> g02985783

219-7515 HANDRAIL & STEP GP

S/N: BTW1-165

CANNOT BE USED WITH 220-6084—PAGE: 824

PART OF 219-7516 FENDER GP-REAR

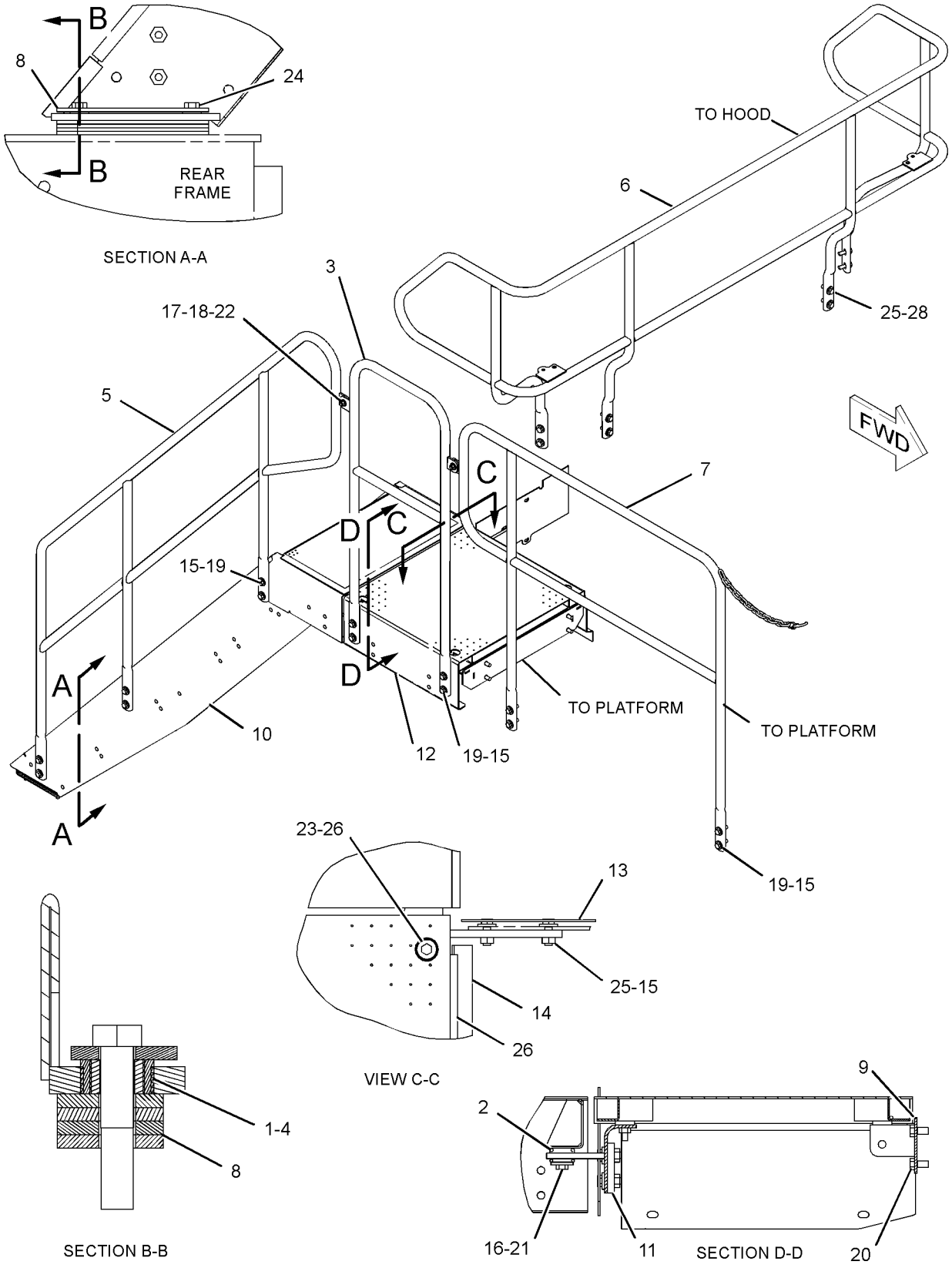
SMCS-7254, 7256

i02426975

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-1303**	4	SPACER (13X20X12.5-MM THK)	
	2	1	**6S-6251**	2	MOUNT	
	3	1	**122-5967**	1	HANDRAIL AS	
	4	1	**155-8391**	4	SLEEVE	
	5	1	**220-6064**	1	HANDRAIL AS	
	6	1	**279-0521**	1	HANDRAIL AS	
	7	1	**220-6073**	1	HANDRAIL AS	
	8	1	**220-6075**	10	PLATE	
	9	1	**220-6076**	1	BRACKET AS	
	10	1	**220-6080**	1	STAIR AS	
	11	1	**227-0170**	1	SUPPORT AS	
	12	1	**228-8850**	1	FENDER AS	
	13	1	**232-4717**	1	SHEET	
	14	1	**232-4718**	1	SHEET	
	15	1	**5P-1076**	18	WASHER-HARD (13.5X30X4-MM THK)	
	16	1	**7X-0618**	2	WASHER-HARD (13.5X40X5-MM THK)	
	17	1	**7X-7729**	4	WASHER (11X25X3-MM THK)	
M	18	1	**8T-4133**	2	NUT (M10X1.5-THD)	
M	19	1	**8T-4183**	14	BOLT (M12X1.75X40-MM)	
M	20	1	**8T-4192**	4	BOLT (M12X1.75X25-MM)	
M	21	1	**8T-4194**	2	BOLT (M12X1.75X50-MM)	
M	22	1	**8T-4195**	2	BOLT (M10X1.5X30-MM)	
	23	1	**8T-4222**	4	WASHER-PLATED (11X32X2.5-MM THK)	
M	24	1	**8T-4910**	4	BOLT (M12X1.75X60-MM)	
M	25	1	**8T-4956**	12	BOLT (M12X1.75X35-MM)	
M	26	1	**8T-6466**	4	BOLT (M10X1.5X60-MM)	
D	27	1	**5P-7211**		SEAL (0.5-M)	
	28	1	**8T-4223**	6	WASHER-HARD (13.5X25.5X3-MM THK)	

D - ORDER BY THE METER
M - METRIC PART

219-7515 **HANDRAIL & STEP GP** (contd.) **i02426975**



GRAPHIC #1 <END> g01213088

219-7515 HANDRAIL & STEP GP

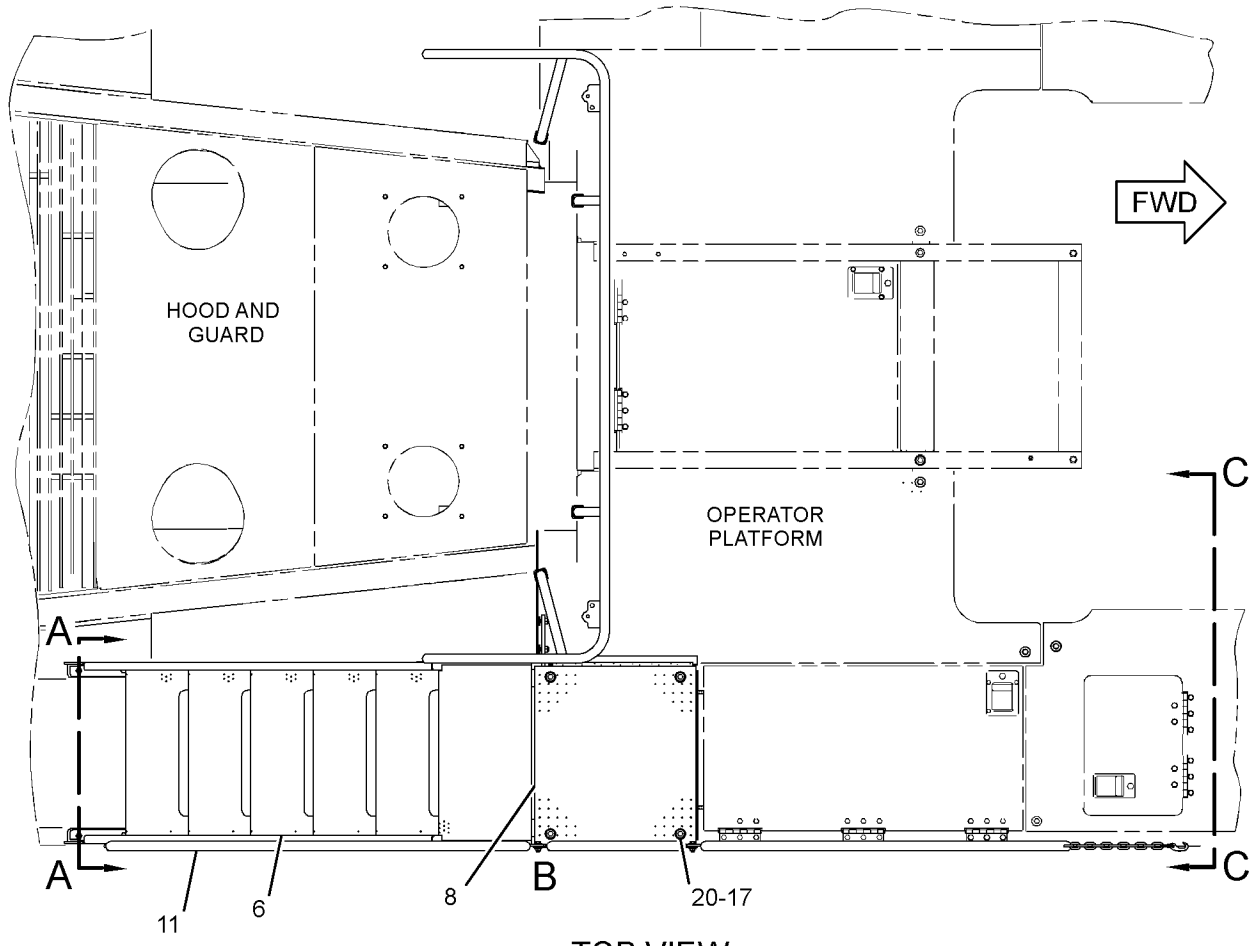
S/N: BTW166-183
CANNOT BE USED WITH 220-6084—PAGE: 824
PART OF 219-7516 FENDER GP-REAR

SMCS-7254, 7256 **i02911194**

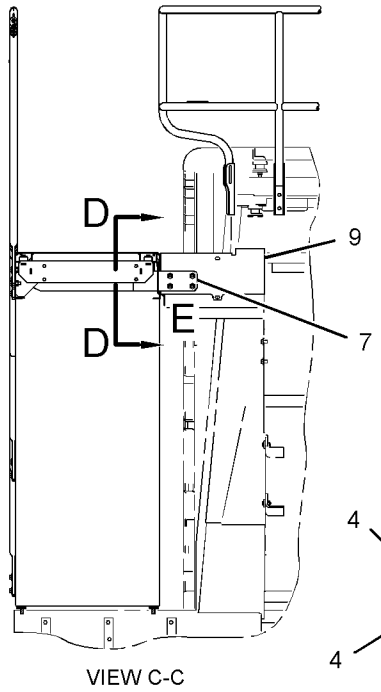
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-1303**	4	SPACER (13X20X12.5-MM THK)	
	2	1	**6S-6251**	2	MOUNT	
	3	1	**155-8391**	4	SLEEVE	
	4	1	**220-6075**	10	PLATE	
	5	1	**220-6076**	1	BRACKET AS	
	6	1	**220-6080**	1	STAIR AS	
	7	1	**227-0170**	1	SUPPORT AS	
	8	1	**228-8850**	1	FENDER AS	
	9	1	**232-4717**	1	SHEET	
	10	1	**232-4718**	1	SHEET	
CY	11	1	*300-6352*	1	HANDRAIL GP	885
CY	12	1	*300-6353*	1	HARDWARE GP-HANDRAIL MOUNTING (RH)	897
C	13	1	**5P-1076**	8	WASHER-HARD (13.5X30X4-MM THK)	
	14	1	**7X-0618**	2	WASHER-HARD (13.5X40X5-MM THK)	
M	15	1	**8T-4192**	4	BOLT (M12X1.75X25-MM)	
M	16	1	**8T-4194**	2	BOLT (M12X1.75X50-MM)	
	17	1	**8T-4222**	4	WASHER-PLATED (11X32X2.5-MM THK)	
M	18	1	**8T-4910**	4	BOLT (M12X1.75X60-MM)	
CM	19	1	**8T-4956**	4	BOLT (M12X1.75X35-MM)	
M	20	1	**8T-6466**	4	BOLT (M10X1.5X60-MM)	
D	21	1	**5P-7211**		SEAL (0.5-M)	

C - CHANGE FROM PREVIOUS TYPE
D - ORDER BY THE METER
M - METRIC PART
Y - SEPARATE ILLUSTRATION

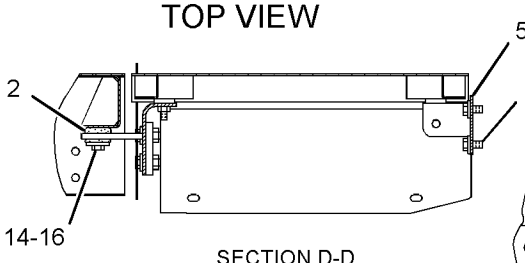
219-7515 **HANDRAIL & STEP GP** (contd.) **i02911194**



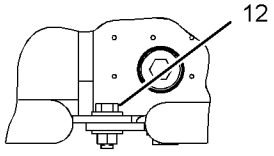
TOP VIEW



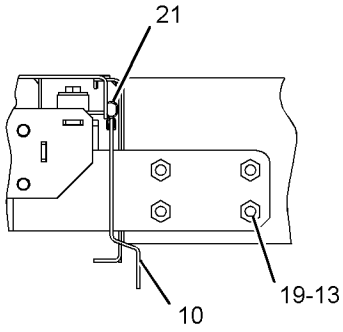
VIEW C-C



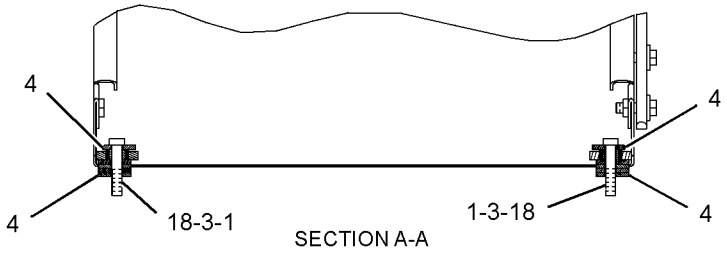
SECTION D-D



VIEW OF AREA B



VIEW OF AREA E



SECTION A-A

GRAPHIC #1 <END> g01460969

300-6341 HANDRAIL GP

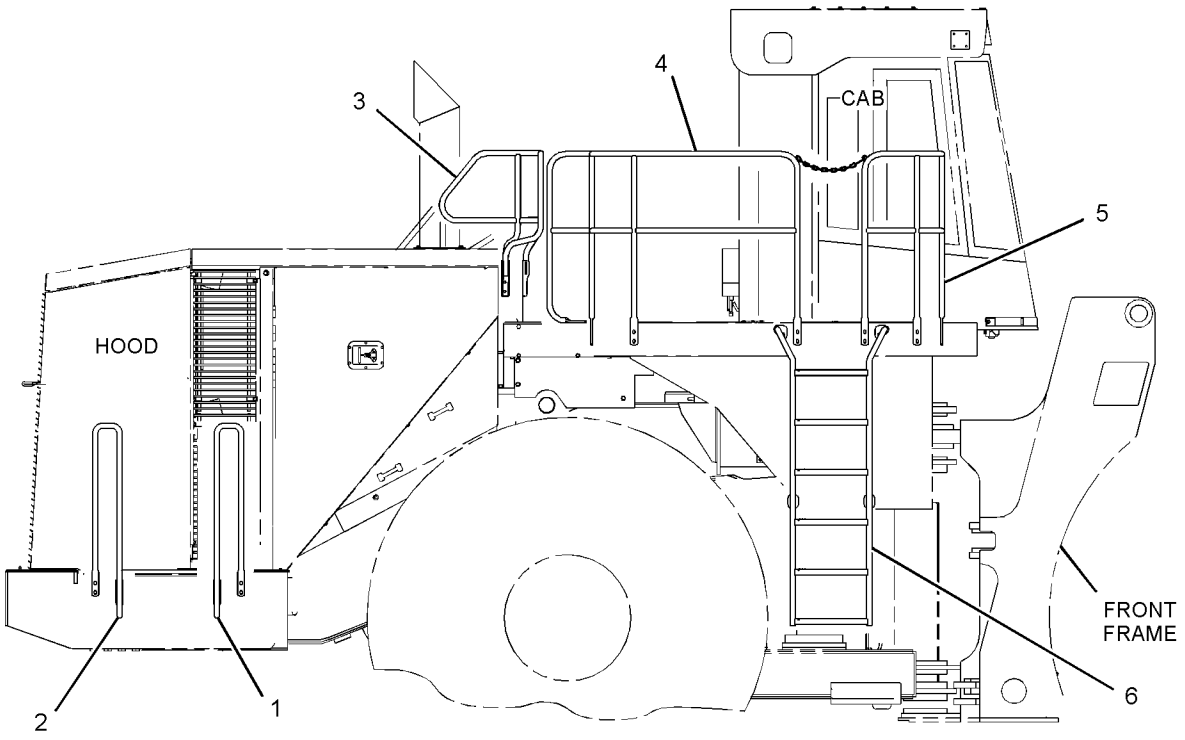
S/N: BTW166-183

PART OF 219-7514 HANDRAIL & STEP GP

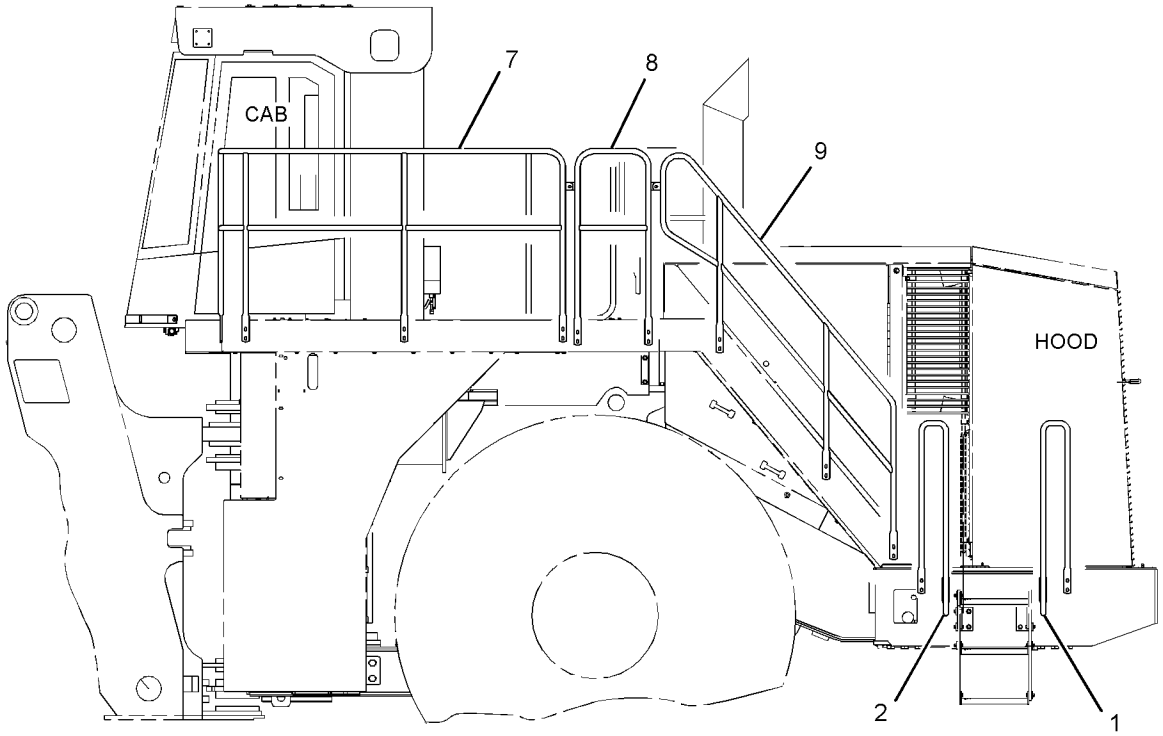
SMCS-7256 **i02713072**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**300-6343**	2	HANDLE (RH)	
	2	1	**300-6344**	2	HANDLE (LH)	
	3	1	**300-6345**	1	HANDRAIL AS	
	4	1	**300-6346**	1	HANDRAIL AS	
	5	1	**300-6347**	1	HANDRAIL AS	
	6	1	**300-6348**	1	LADDER AS	
	7	1	**300-6349**	1	HANDRAIL AS	
	8	1	**300-6350**	1	HANDRAIL AS	
	9	1	**300-6351**	1	HANDRAIL AS	

300-6341 **HANDRAIL GP (**contd.**)** **i02713072**



RIGHT SIDE VIEW



LEFT SIDE VIEW

GRAPHIC #1 <END> g01371055

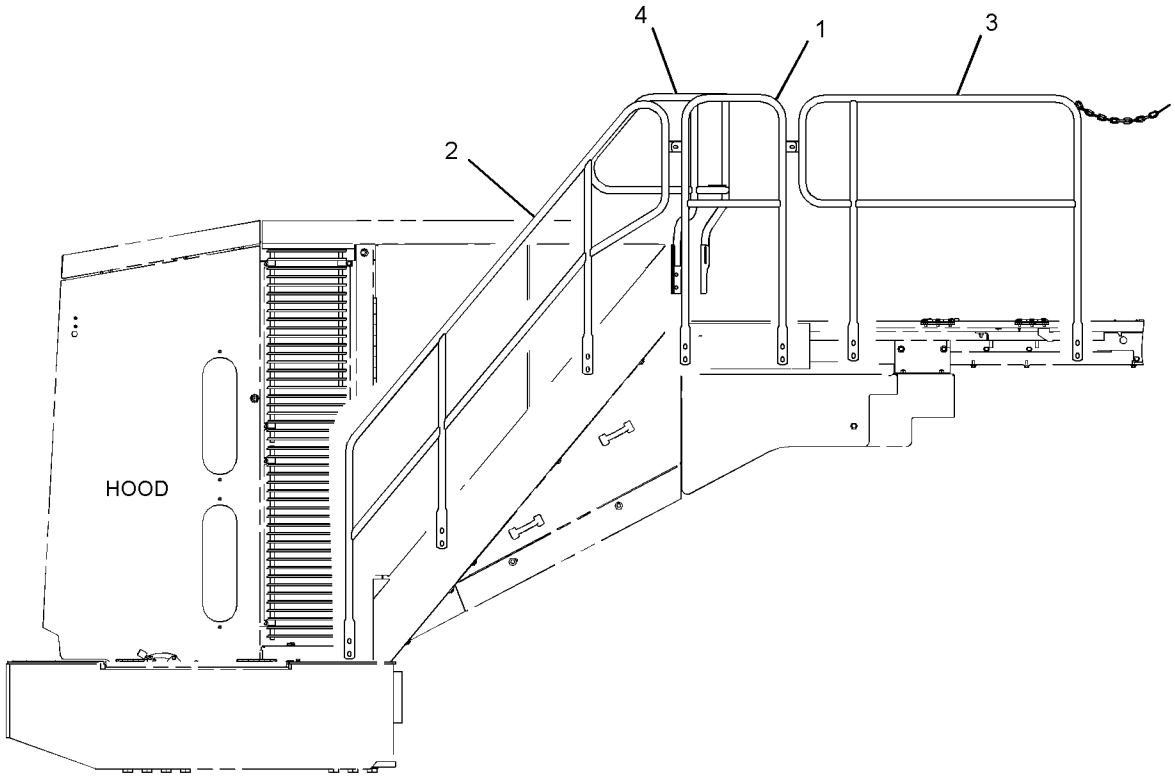
300-6352 HANDRAIL GP

S/N: BTW1-UP

PART OF 219-7515 HANDRAIL & STEP GP

SMCS-7256 **i02713746**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**300-6350**	1	HANDRAIL AS	
	2	1	**300-6351**	1	HANDRAIL AS	
	3	1	**300-6378**	1	HANDRAIL AS	
		1	**220-6079**	1	CHAIN	
		1	**161-8900**	1	CONNECTOR	
		1	**161-9901**	1	SNAP	
	4	1	**300-6379**	1	HANDRAIL AS	



RIGHT SIDE VIEW

GRAPHIC #1 <END> g01371078

325-7390 HANDRAIL GP

S/N: BTW184-UP

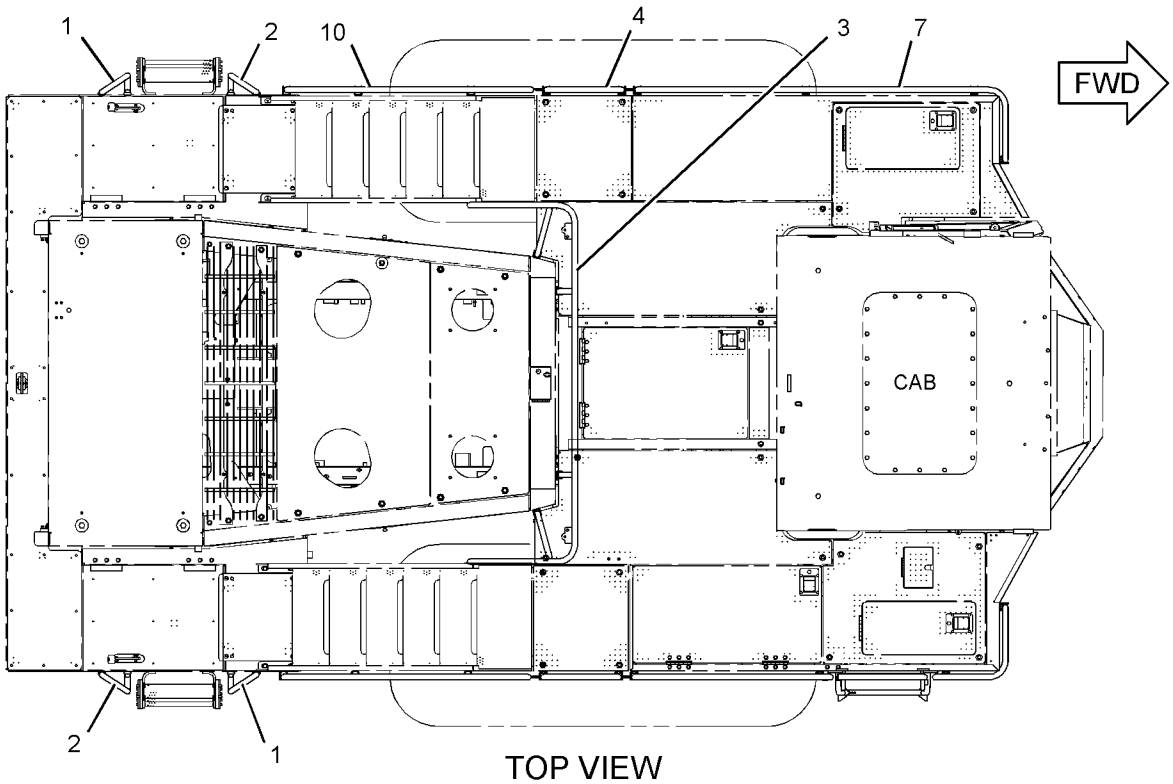
PART OF 219-7514 HANDRAIL & STEP GP

SMCS-7256 **i06033071**

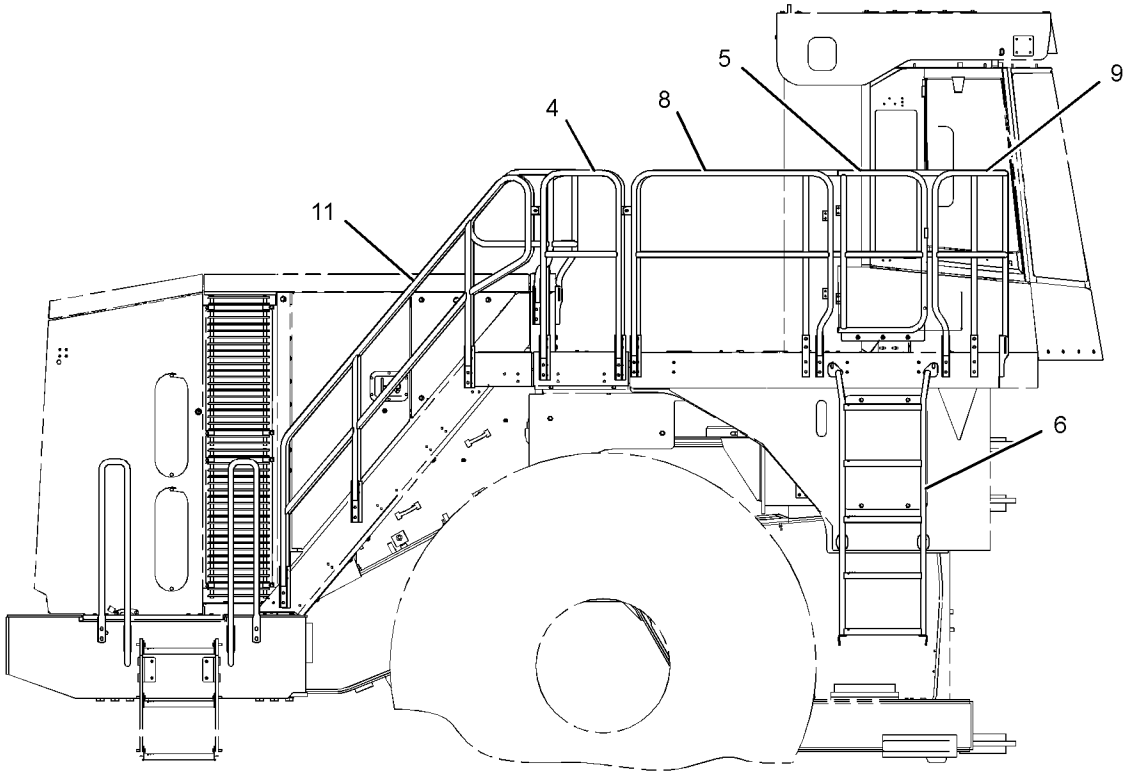
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**300-6343**	2	HANDLE (RH)	
	2	1	**300-6344**	2	HANDLE (LH)	
	3	1	**300-6379**	1	HANDRAIL AS	
	4	1	**325-7350**	2	HANDRAIL AS	
					(EACH INCLUDES)	
M		1	**8T-3597**	4	NUT-WELD (M12X1.75-THD)	
	5	1	**325-7353**	1	GATE AS	
M		1	**8T-3597**	3	NUT-WELD (M12X1.75-THD)	
		1	**9C-7929**	3	BLOCK	
	6	1	**325-7355**	1	LADDER AS	
	7	1	**325-7359**	1	HANDRAIL AS (LH)	
M		1	**8T-3597**	8	NUT-WELD (M12X1.75-THD)	
	8	1	**325-7360**	1	HANDRAIL AS (RH)	
M		1	**8T-3597**	4	NUT-WELD (M12X1.75-THD)	
		1	**9C-7929**	2	BLOCK	
	9	1	**325-7361**	1	HANDRAIL AS (RH)	
M		1	**8T-3597**	4	NUT-WELD (M12X1.75-THD)	
	10	1	**325-7362**	1	HANDRAIL AS (LH)	
	11	1	**325-7363**	1	HANDRAIL AS (RH)	

M - METRIC PART

325-7390 **HANDRAIL GP (**contd.**)** **i06033071**



TOP VIEW



RIGHT SIDE VIEW

GRAPHIC #1 <END> g01949233

325-7395 HANDRAIL GP

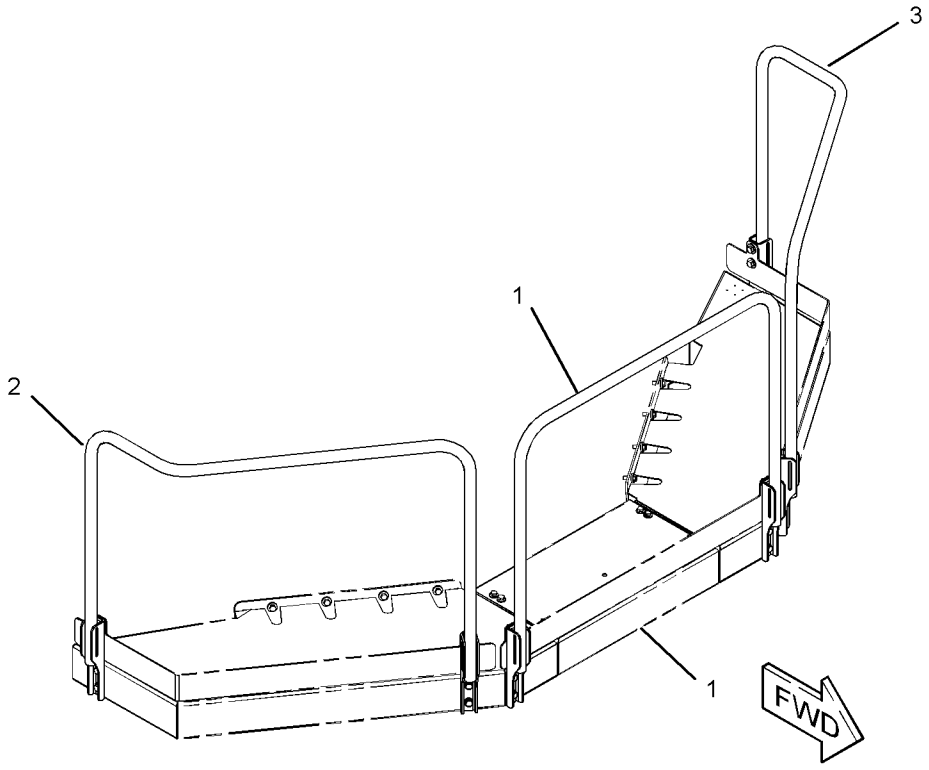
S/N: BTW184-UP

PART OF 239-3903 WALKWAY GP

SMCS-7256 **i03539147**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**325-7356**	1	HANDRAIL AS	
M		1	**8T-3597**	4	NUT-WELD (M12X1.75-THD)	
	2	1	**325-7364**	1	HANDRAIL AS (RH)	
M		1	**8T-3597**	4	NUT-WELD (M12X1.75-THD)	
	3	1	**325-7365**	1	HANDRAIL AS (LH)	
M		1	**8T-3597**	4	NUT-WELD (M12X1.75-THD)	

M - METRIC PART



GRAPHIC #1 <END> g01948827

300-6342 HARDWARE GP-HANDRAIL MOUNTING–LH

S/N: BTW166-183

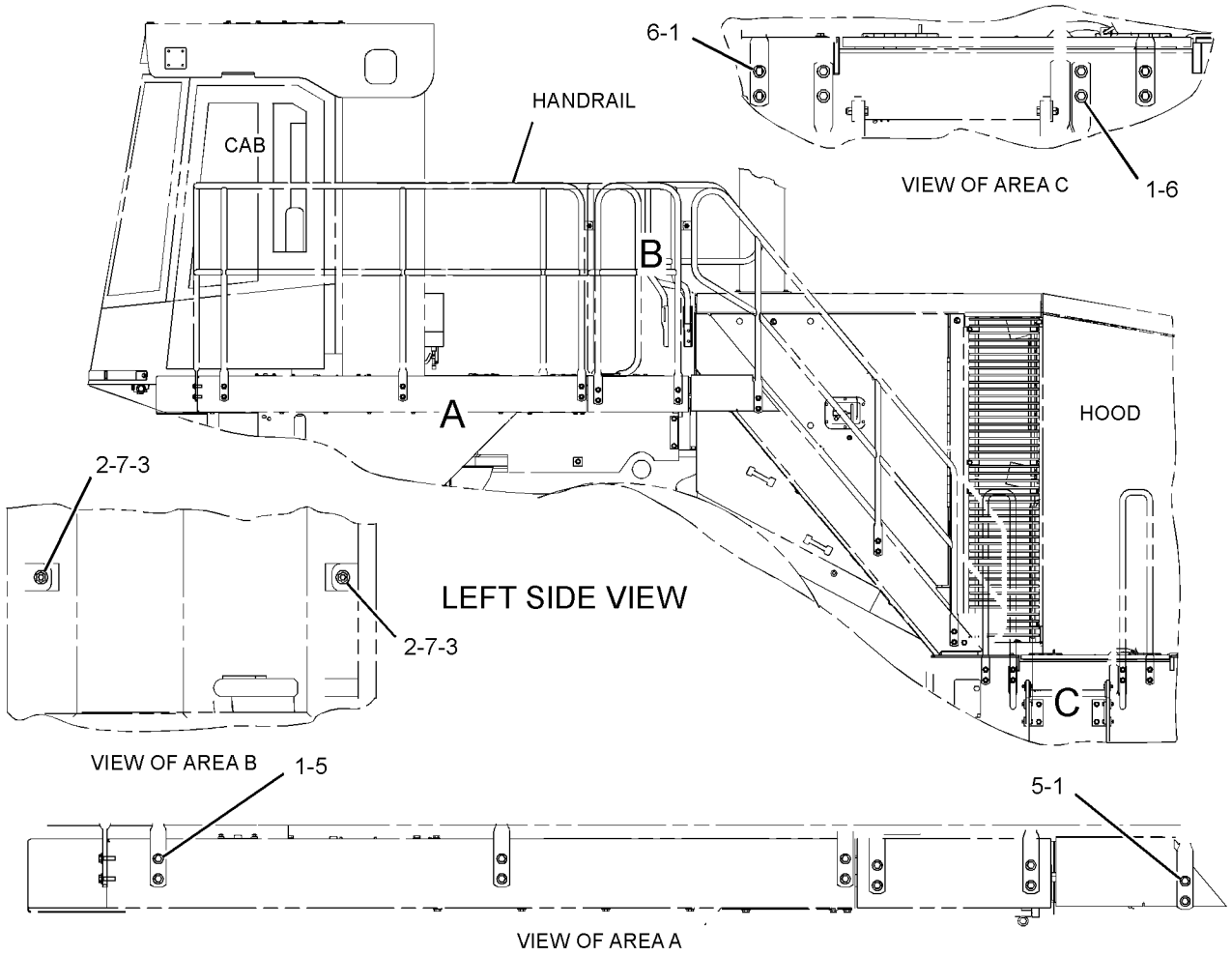
PART OF 219-7514 HANDRAIL & STEP GP

SMCS-7050, 7256, 7553

i02713155

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1,2	**5P-1076**	51	WASHER-HARD (13.5X30X4-MM THK)	
	2	1	**7X-7729**	4	WASHER (11X25X3-MM THK)	
M	3	1	**8T-4133**	2	NUT (M10X1.5-THD)	
M	4	2	**8T-4139**	4	BOLT (M12X1.75X30-MM)	
M	5	1,2	**8T-4183**	31	BOLT (M12X1.75X40-MM)	
M	6	1,2	**8T-4194**	16	BOLT (M12X1.75X50-MM)	
M	7	1	**8T-4195**	2	BOLT (M10X1.5X30-MM)	
	8	2	**8T-4223**	8	WASHER-HARD (13.5X25.5X3-MM THK)	
M	9	2	**8T-4956**	8	BOLT (M12X1.75X35-MM)	

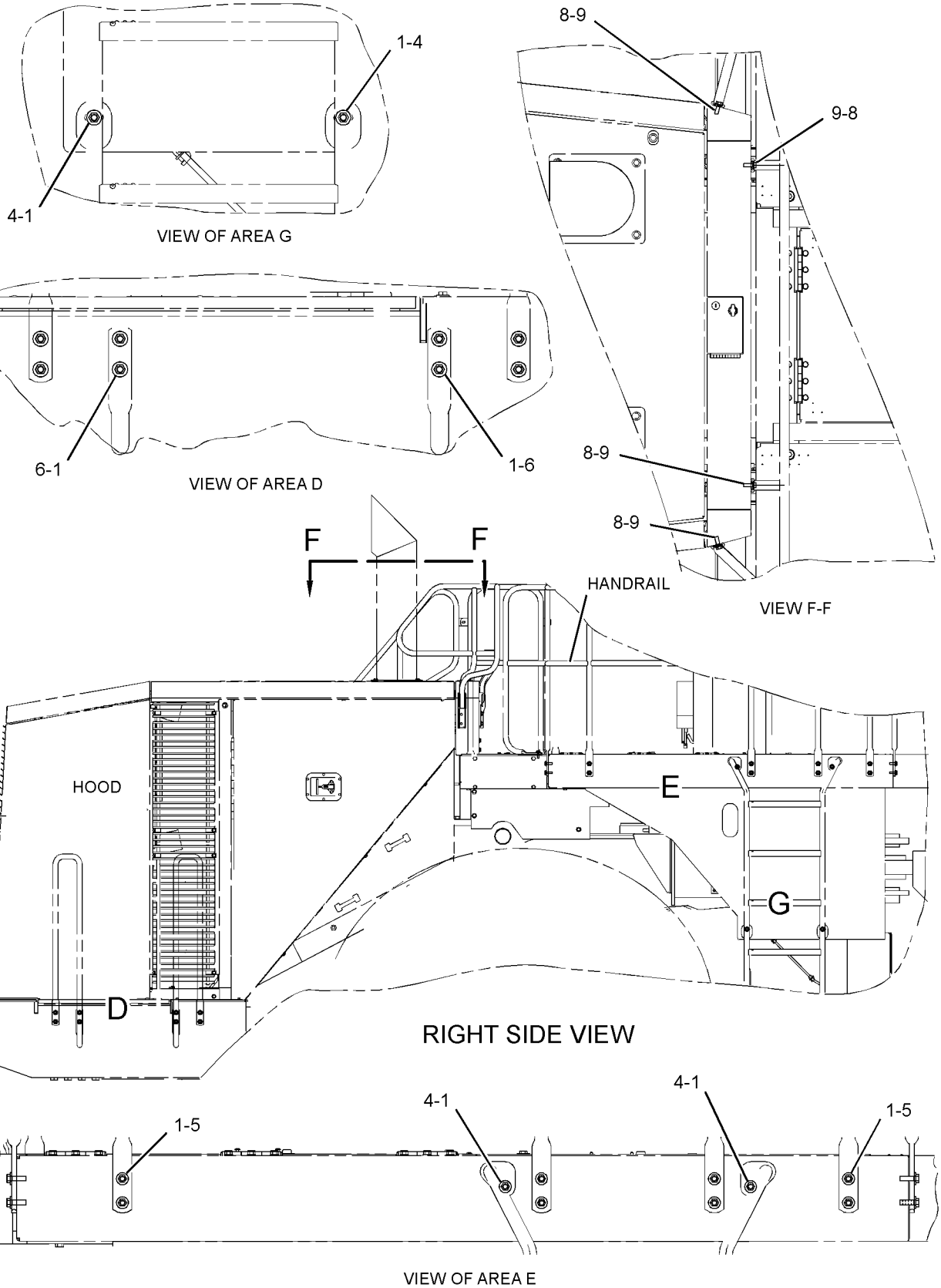
M - METRIC PART



GRAPHIC #1

g01370977

300-6342 **HARDWARE GP-HANDRAIL MOUNTING (**contd.**)** **i02713155**



GRAPHIC #2 <END> g01370979

300-6342 HARDWARE GP-HANDRAIL MOUNTING—LH

S/N: BTW184-192

PART OF 219-7514 HANDRAIL & STEP GP

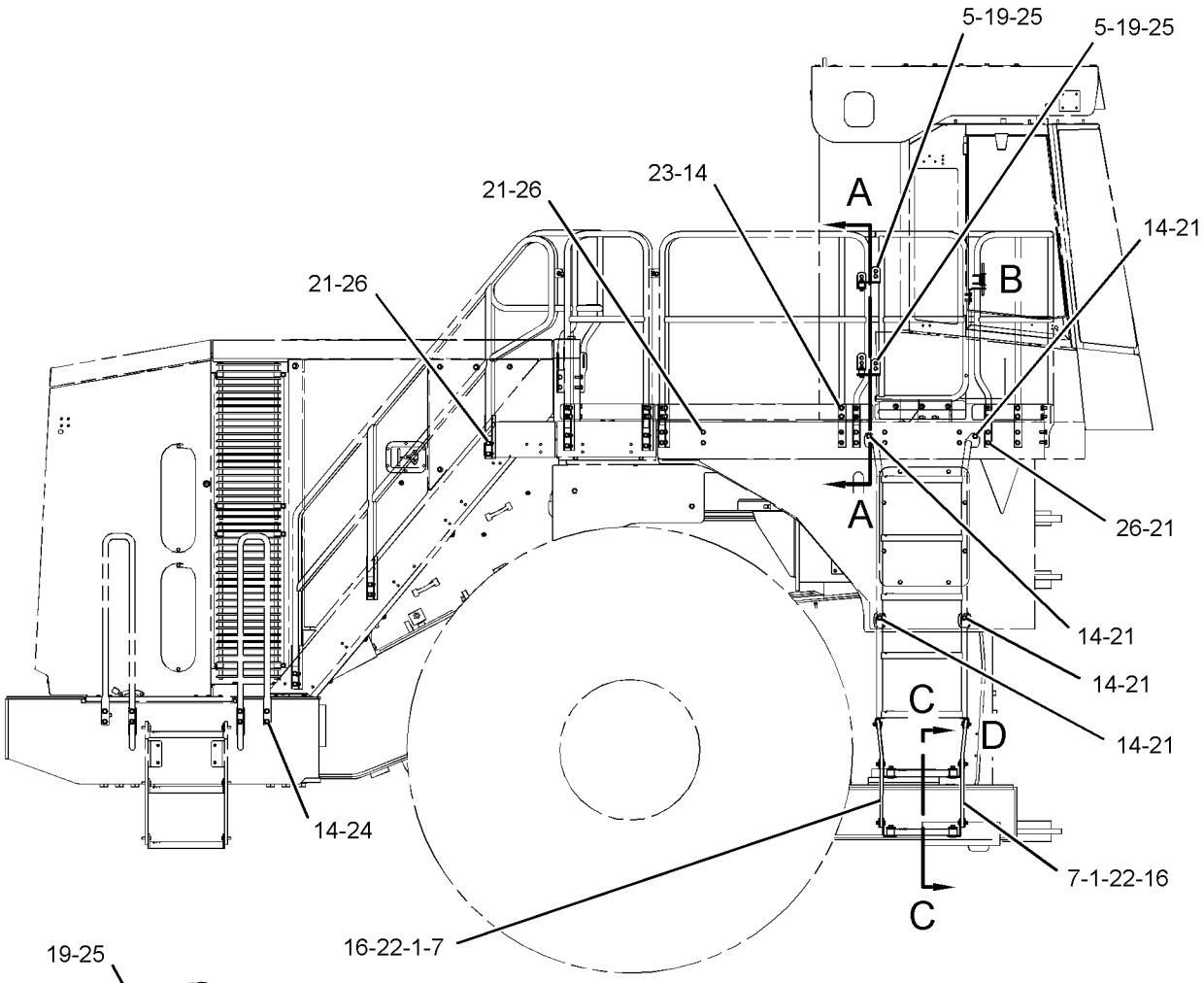
SMCS-7050, 7256, 7553

i03536427

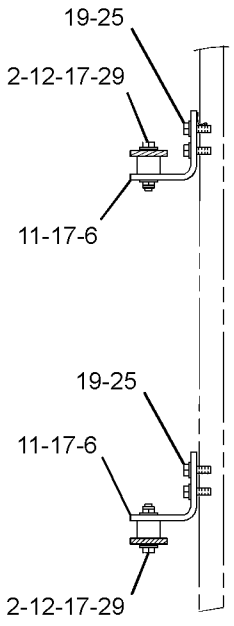
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	**4V-9803**	6	PLATE	
C	2	1	**127-0366**	2	SPACER (11X32X24-MM THK)	
CM	3	1	**248-0102**	2	U-BOLT (M8X1.25-THD)	
C	4	1	**300-4511**	1	LATCH GP	
		1	**2G-9399**	1	ROD	
		1	**3B-4615**	1	PIN-COTTER	
		1	**6F-8499**	1	SPRING	
		1	**7X-0605**	1	WASHER-HARD (13X28X1.6-MM THK)	
		1	**290-5827**	1	BRACKET	
C	5	1	**323-3746**	2	BRACKET	
C	6	1	**323-3747**	2	BRACKET	
C	7	1	**323-3748**	2	SUPPORT-STEP	
C	8	1	**323-3749**	1	BRACKET	
C	9	1	**323-3751**	2	STEP AS	
C	10	1	**325-7233**	4	BRACKET AS	
CM	11	1	**096-4883**	2	LOCKNUT (M10X1.5-THD)	
C	12	1	**161-3357**	2	SPACER (12X20X10-MM THK)	
CM	13	1	**5C-7261**	4	NUT (M8X1.25-THD)	
C	14	1,2	**5P-1076**	47	WASHER-HARD (13.5X30X4-MM THK)	
C	15	1	**5P-2228**	4	BOLT (1/2-13X1-IN)	
CM	16	1	**6V-7687**	12	LOCKNUT (M12X1.75-THD)	
C	17	1,2	**7X-7729**	12	WASHER (11X25X3-MM THK)	
C	18	1	**8F-6437**	4	WASHER (13.5X50.8X4.76-MM THK)	
C	19	1	**8T-4121**	10	WASHER-HARD (11X21X2.5-MM THK)	
CM	20	2	**8T-4133**	4	NUT (M10X1.5-THD)	
CM	21	1,2	**8T-4139**	50	BOLT (M12X1.75X30-MM)	
CM	22	1	**8T-4184**	12	BOLT (M12X1.75X45-MM)	
CM	23	1,2	**8T-4192**	25	BOLT (M12X1.75X25-MM)	
M	24	2	**8T-4194**	16	BOLT (M12X1.75X50-MM)	
CM	25	1,2	**8T-4195**	14	BOLT (M10X1.5X30-MM)	
C	26	1,2	**8T-4223**	56	WASHER-HARD (13.5X25.5X3-MM THK)	
C	27	1	**8T-4224**	4	WASHER-HARD (8.8X16X2-MM THK)	
M	28	1,2	**8T-4956**	8	BOLT (M12X1.75X35-MM)	
CM	29	1	**8T-6466**	2	BOLT (M10X1.5X60-MM)	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART

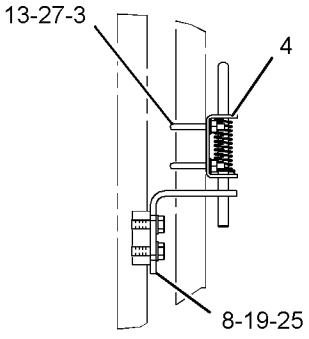
300-6342 **HARDWARE GP-HANDRAIL MOUNTING (**contd.**)** **i03536427**



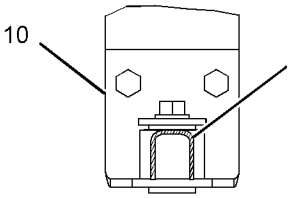
RIGHT SIDE VIEW



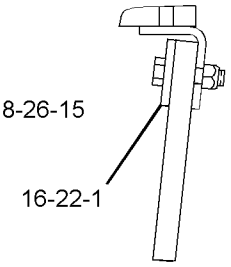
SECTION A-A



VIEW OF AREA B



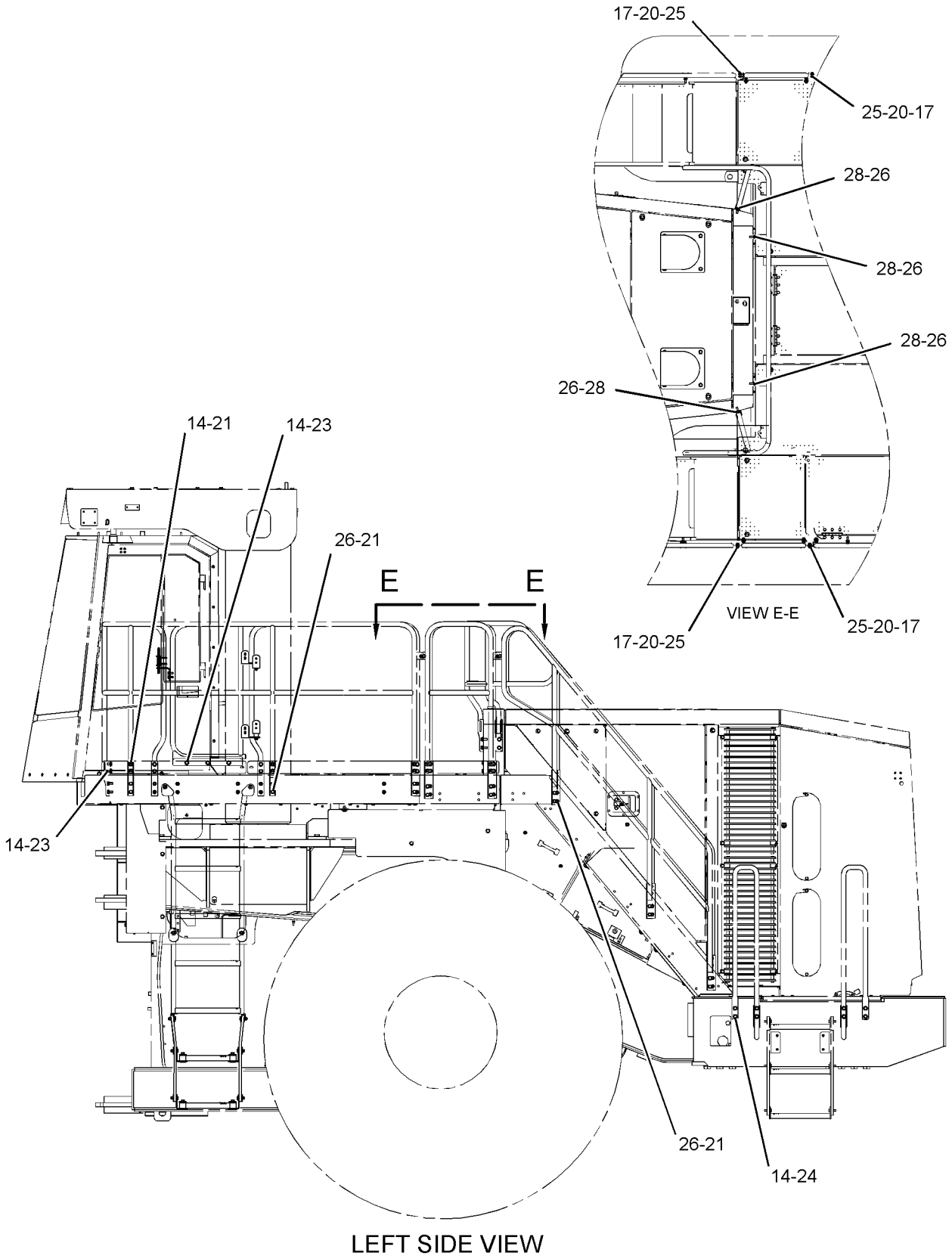
SECTION C-C



VIEW OF AREA D

GRAPHIC #1 g01914565

300-6342 **HARDWARE GP-HANDRAIL MOUNTING (**contd.**)** **i03536427**



LEFT SIDE VIEW

GRAPHIC #2 <END> g01914563

300-6342 HARDWARE GP-HANDRAIL MOUNTING—LH

S/N: BTW193-UP

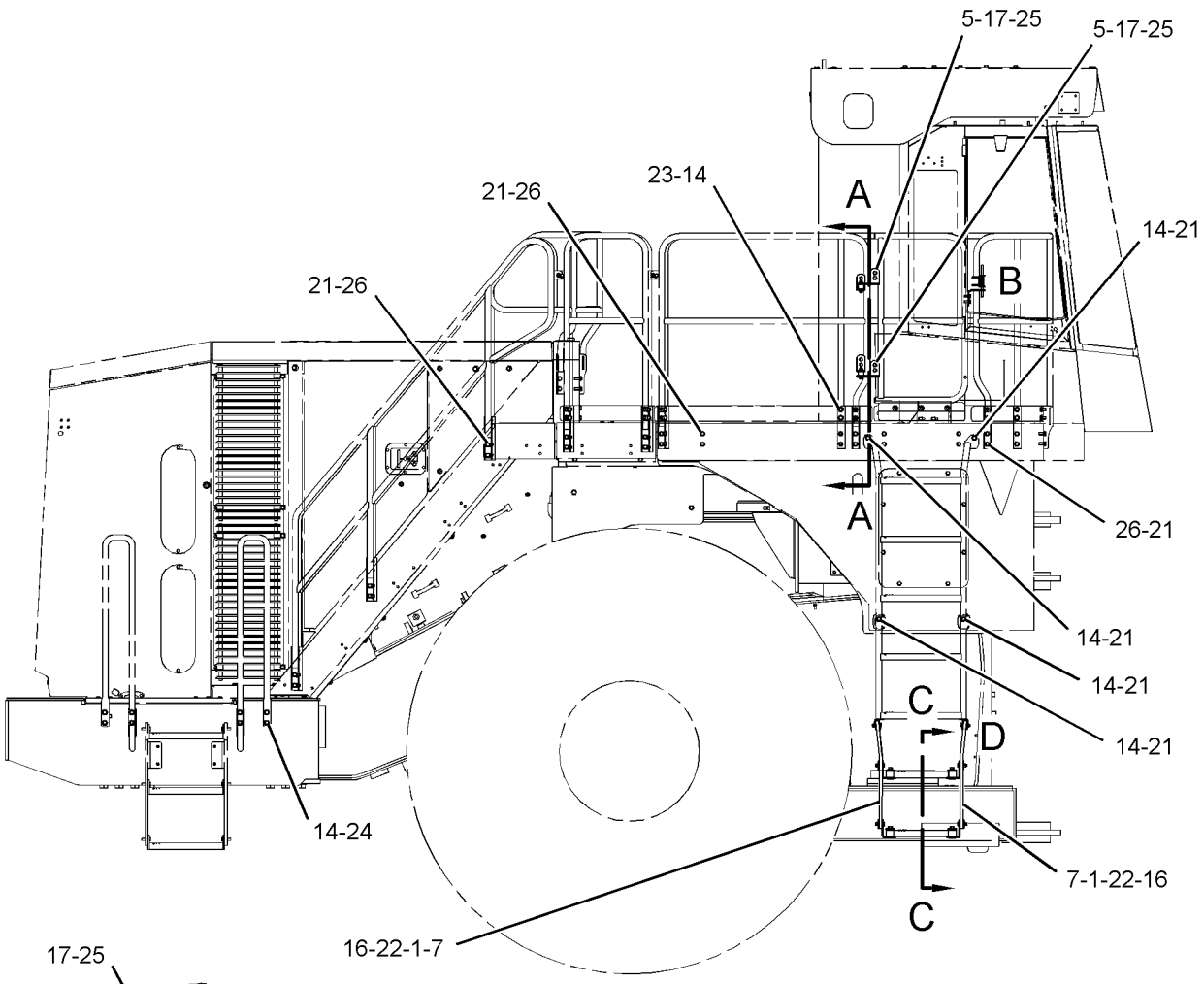
PART OF 219-7514 HANDRAIL & STEP GP

SMCS-7050, 7256, 7553 **i03920509**

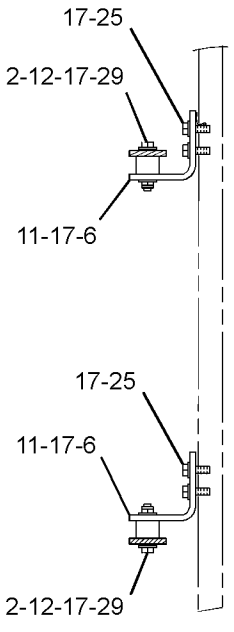
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4V-9803**	6	PLATE	
	2	1	**127-0366**	2	SPACER (11X32X24-MM THK)	
M	3	1	**248-0102**	2	U-BOLT (M8X1.25-THD)	
	4	1	**300-4511**	1	LATCH GP	
		1	**2G-9399**	1	ROD	
		1	**3B-4615**	1	PIN-COTTER	
		1	**6F-8499**	1	SPRING	
		1	**7X-0605**	1	WASHER-HARD (13X28X1.6-MM THK)	
		1	**290-5827**	1	BRACKET	
	5	1	**323-3746**	2	BRACKET	
	6	1	**323-3747**	2	BRACKET	
	7	1	**323-3748**	2	SUPPORT-STEP	
	8	1	**323-3749**	1	BRACKET	
	9	1	**323-3751**	2	STEP AS	
	10	1	**325-7233**	4	BRACKET AS	
CM	11	1	**096-4883**	6	LOCKNUT (M10X1.5-THD)	
	12	1	**161-3357**	2	SPACER (12X20X10-MM THK)	
M	13	1	**5C-7261**	4	NUT (M8X1.25-THD)	
	14	1,2	**5P-1076**	47	WASHER-HARD (13.5X30X4-MM THK)	
	15	1	**5P-2228**	4	BOLT (1/2-13X1-IN)	
M	16	1	**6V-7687**	12	LOCKNUT (M12X1.75-THD)	
C	17	1,2	**7X-7729**	22	WASHER (11X25X3-MM THK)	
	18	1	**8F-6437**	4	WASHER (13.5X50.8X4.76-MM THK)	
CM	21	1,2	**8T-4139**	58	BOLT (M12X1.75X30-MM)	
M	22	1	**8T-4184**	12	BOLT (M12X1.75X45-MM)	
M	23	1,2	**8T-4192**	25	BOLT (M12X1.75X25-MM)	
M	24	2	**8T-4194**	16	BOLT (M12X1.75X50-MM)	
M	25	1,2	**8T-4195**	14	BOLT (M10X1.5X30-MM)	
C	26	1,2	**7X-3392**	56	WASHER-HARD (13.5X22.5X3-MM THK)	
	27	1	**8T-4224**	4	WASHER-HARD (8.8X16X2-MM THK)	
M	29	1	**8T-6466**	2	BOLT (M10X1.5X60-MM)	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART

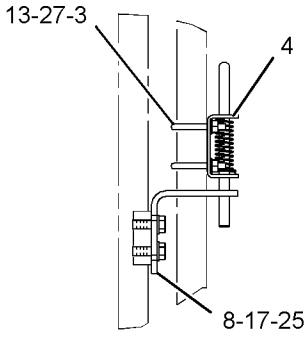
300-6342 **HARDWARE GP-HANDRAIL MOUNTING** (contd.) **i03920509**



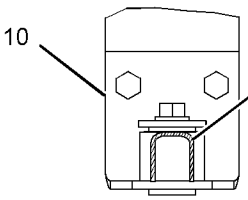
RIGHT SIDE VIEW



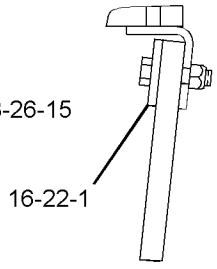
SECTION A-A



VIEW OF AREA B



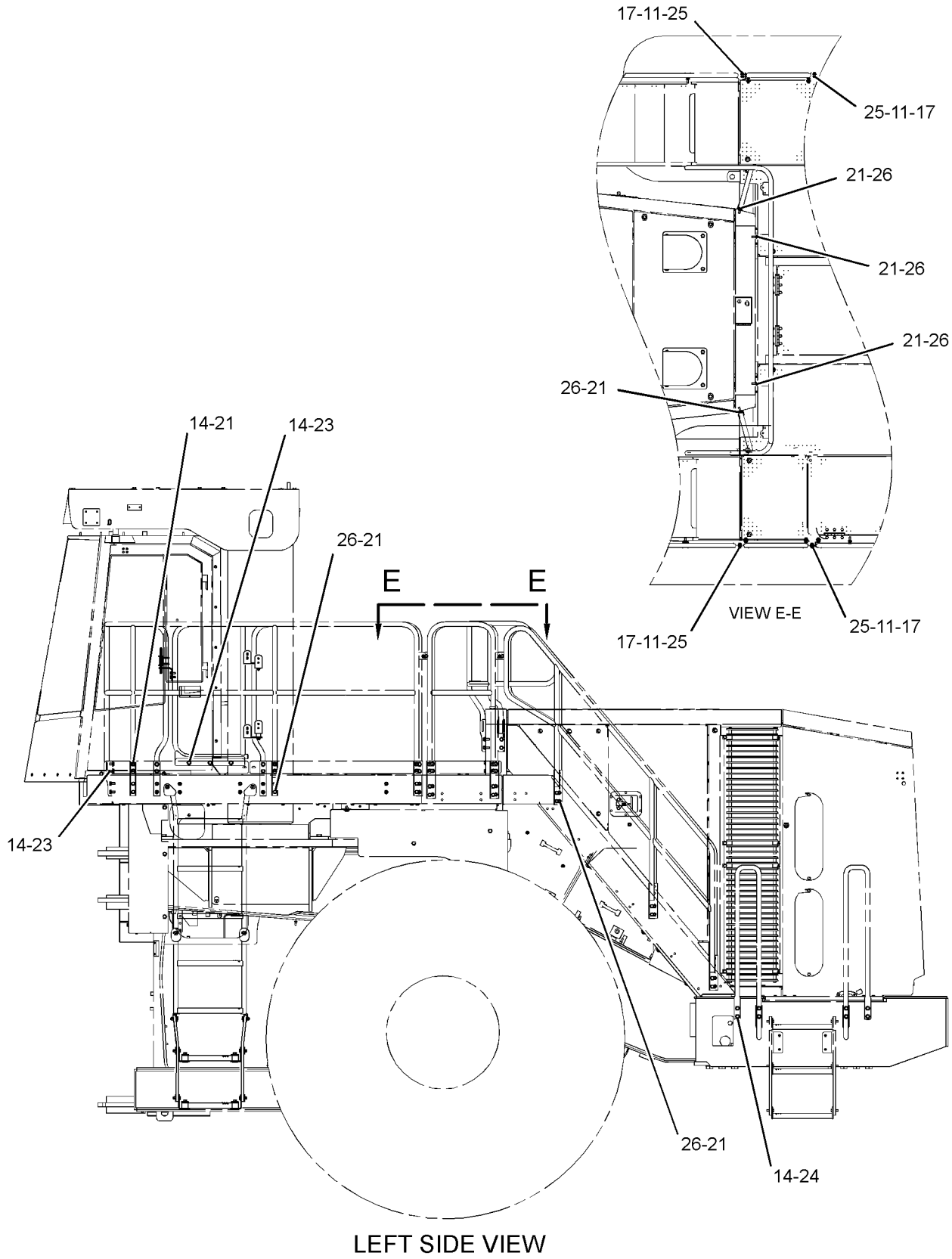
SECTION C-C



VIEW OF AREA D

GRAPHIC #1 g02188233

300-6342 **HARDWARE GP-HANDRAIL MOUNTING (**contd.**)** **i03920509**



LEFT SIDE VIEW

GRAPHIC #2 <END> g02188234

300-6353 HARDWARE GP-HANDRAIL MOUNTING–RH

S/N: BTW166-UP

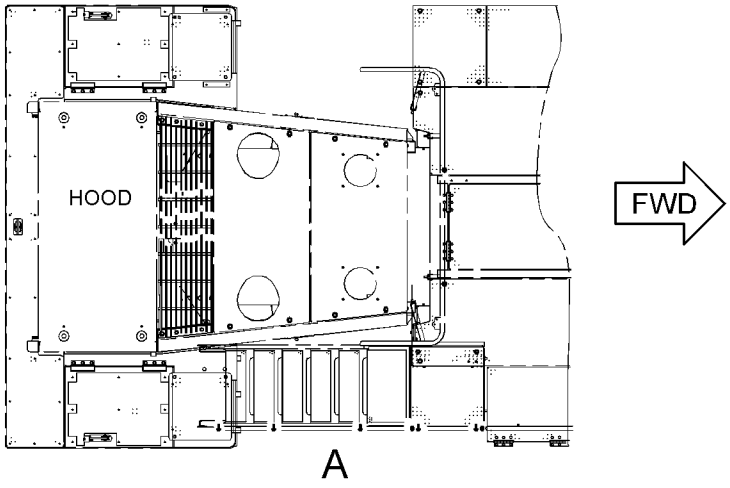
PART OF 219-7515 HANDRAIL & STEP GP

SMCS-7050, 7256, 7553

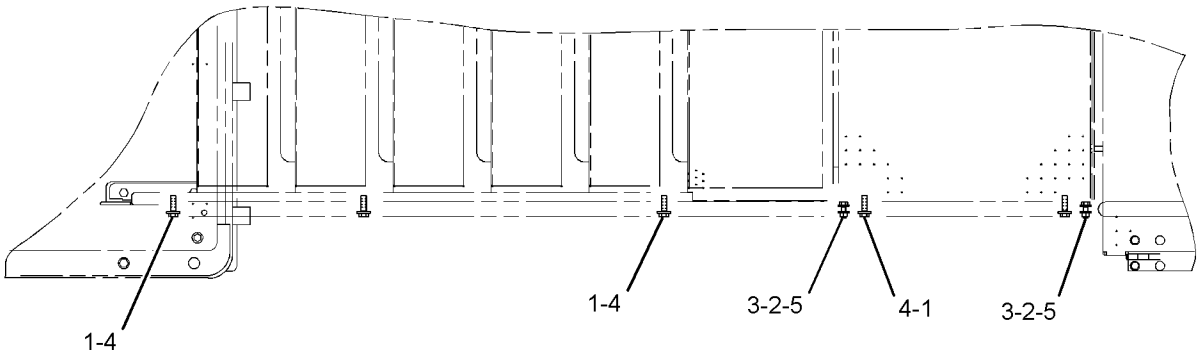
i02713902

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**5P-1076**	10	WASHER-HARD (13.5X30X4-MM THK)	
	2	1	**7X-7729**	4	WASHER (11X25X3-MM THK)	
M	3	1	**8T-4133**	2	NUT (M10X1.5-THD)	
M	4	1	**8T-4183**	10	BOLT (M12X1.75X40-MM)	
M	5	1	**8T-4195**	2	BOLT (M10X1.5X30-MM)	

M - METRIC PART



TOP VIEW



VIEW OF AREA A

GRAPHIC #1

<END>

g01371014

285-8204 HARDWARE GP-REAR FRAME

S/N: BTW1-UP
CUSTOM
PART OF 353-4134 COOLER AR-AXLE OIL

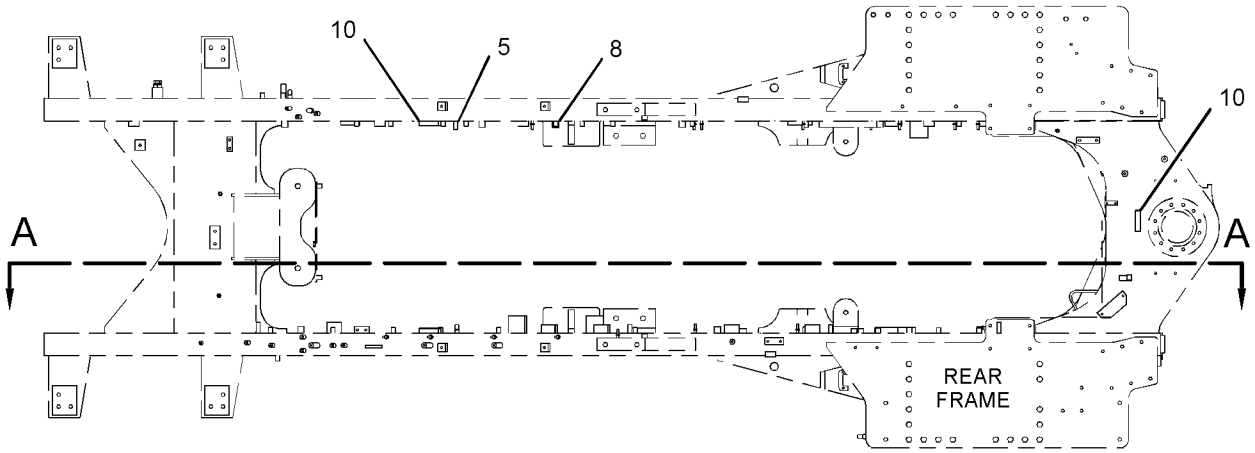
SMCS-7051, 7553

i03910959

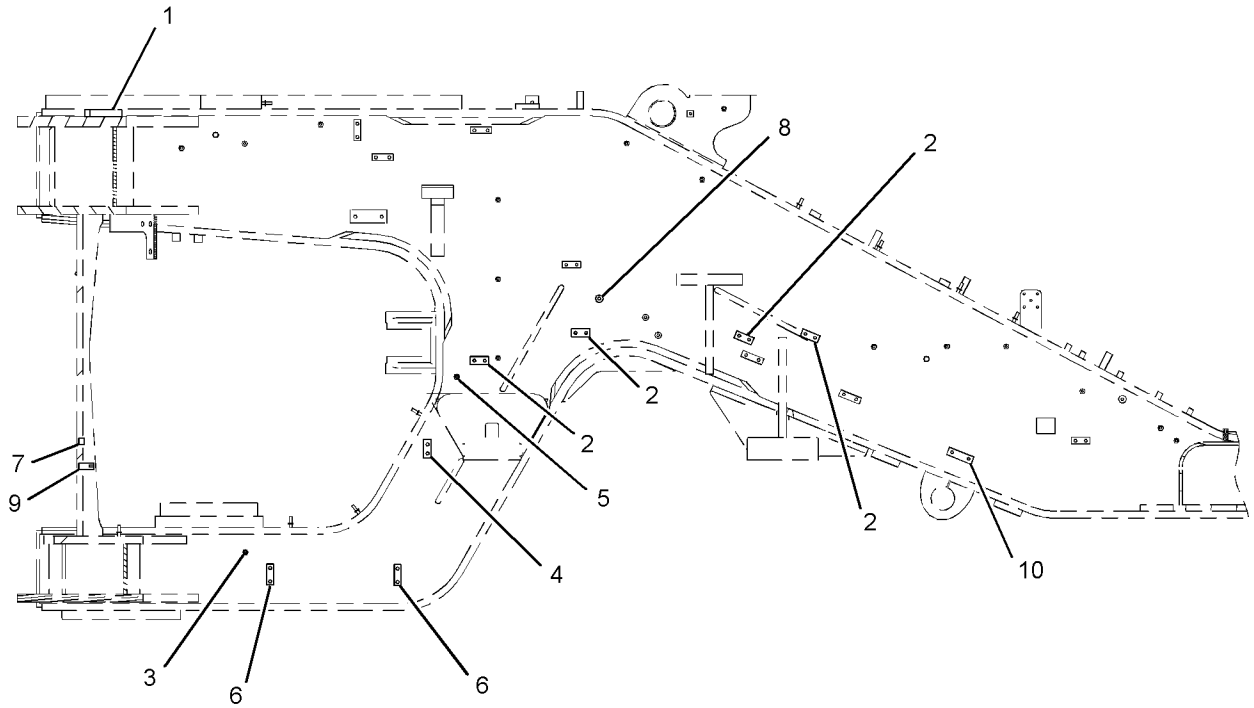
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	*286-1292*	1	BLOCK	
M	2	1	*117-6496*	4	BLOCK (M12X1.75-MM)	
	3	1	**117-8721**	1	LUG (M10X1.5-THD)	
	4	1	*140-7945*	1	BLOCK-THREADED	
	5	1	**4E-0019**	2	BOSS (M10X1.5-THD)	
	6	1	**7Y-2522**	2	PLATE	
M	7	1	**9R-2060**	1	BOSS (M10X1.5X21-MM)	
M	8	1	**9R-4595**	2	BOSS (M12X1.75X30-MM)	
	9	1	*9R-5833*	1	BOSS (M10X1.5-THD)	
M	10	1	**9T-6943**	3	BLOCK (M10X1.5-MM)	

M - METRIC PART

285-8204 **HARDWARE GP-REAR FRAME (**contd.**)** **i03910959**



TOP VIEW FWD



VIEW A-A

GRAPHIC #1 <END> g02169693

8R-5637 HITCH GP-ARTICULATING

S/N: BTW1-UP

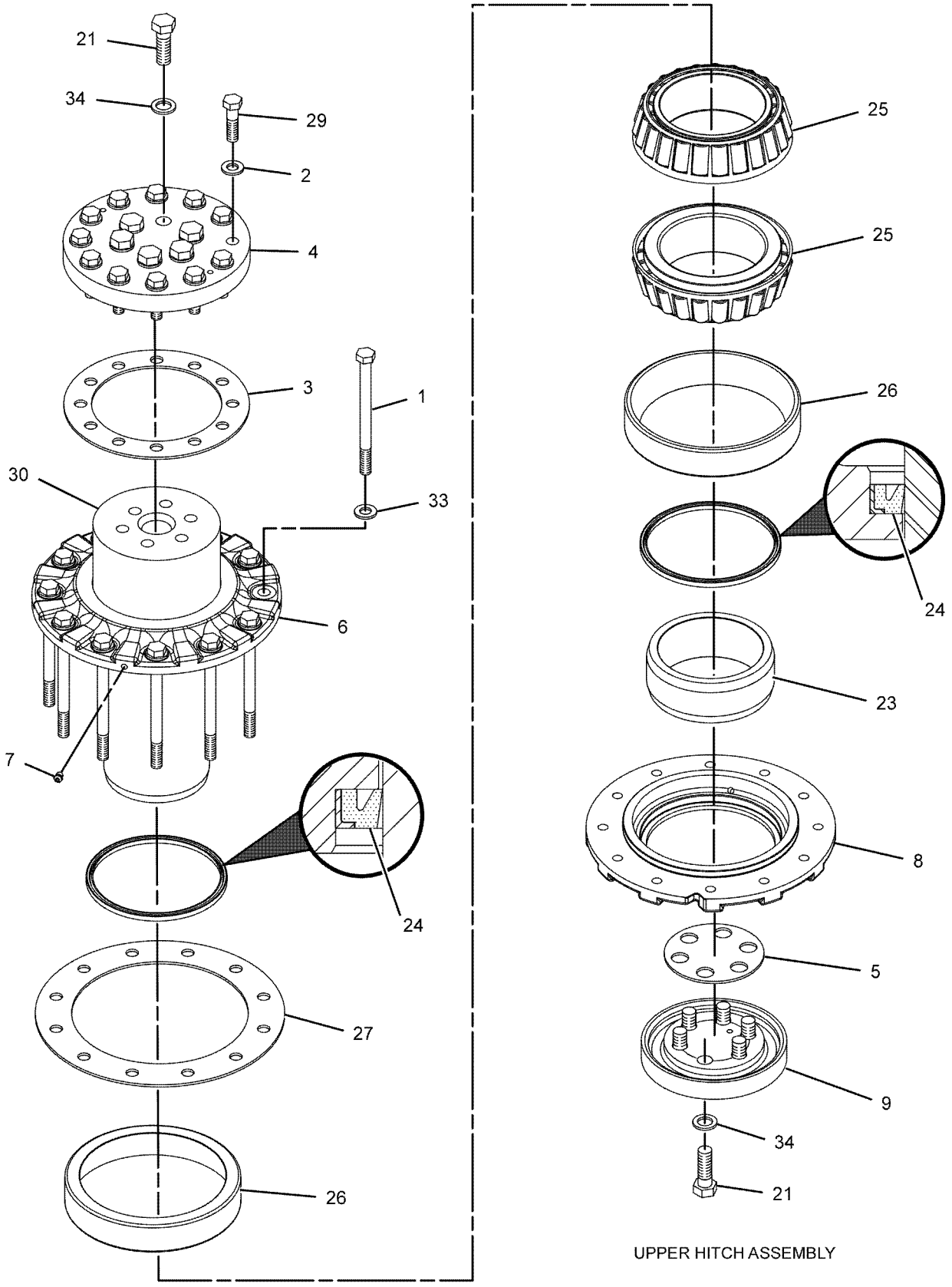
PART OF 230-3275 CHASSIS AR

SMCS-7057, 7100 **i05409989**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**6C-5303**	12	BOLT (M16X2X200-MM)	
	2	1,2	**8T-4122**	16	WASHER-HARD (17X32X3.5-MM THK)	
B	3	1	**4E-8157**	1	SHIM PACK (INCLUDES 26-SHIMS)	
	4	1	**4E-8153**	1	PLATE	
B	5	1	**117-0292**	1	SHIM PACK (INCLUDES 26-SHIMS)	
	6	1	**4E-8154**	1	CAP-UPPER	
	7	1,2	**4B-4550**	2	FITTING-PRESSURE RELIEF (1/8-27 PTF)	
	8	1	**4E-8155**	1	CAP-LOWER	
	9	1	**148-5652**	1	PLATE	
	10	2	**4E-8158**	1	PIN	
	11	2	**4E-8160**	1	CAP-UPPER	
	12	2	**4E-8161**	1	CAP-LOWER	
	13	2	**174-1485**	1	PLATE	
M	14	2	**8T-7338**	8	BOLT (M16X2X45-MM)	
	15	2	**5P-2673**	2	SEAL-LIP TYPE	
	16	2	**5F-1248**	2	CONE-BEARING	
	17	2	**5D-7449**	2	CUP-BEARING	
M	18	2	**8T-7930**	6	BOLT (M12X1.75X160-MM)	
	19	2	**8T-4223**	9	WASHER-HARD (13.5X25.5X3-MM THK)	
B	20	2	**4E-8162**	1	SHIM PACK (INCLUDES 26-SHIMS)	
M	21	1	**106-4175**	12	BOLT (M20X2.5X60-MM)	
M	22	2	**8T-4956**	3	BOLT (M12X1.75X35-MM)	
	23	1	**1V-8443**	1	SPACER	
	24	1	**5P-9609**	2	SEAL-LIP TYPE	
	25	1	**1B-6577**	2	CONE-BEARING	
	26	1	**2J-2152**	2	CUP-BEARING	
B	27	1	**4E-8156**	1	SHIM PACK (INCLUDES 26-SHIMS)	
	28	2	**087-3533**	1	CAP	
M	29	1	**6V-3303**	12	BOLT (M16X2X60-MM)	
	30	1	**4E-8152**	1	PIN	
	31	2	**8G-5258**	4	SPACER (17X35X20-MM THK)	
	32	2	**7X-0583**	4	WASHER-HARD (17X45X6-MM THK)	
	33	1	**5P-8247**	12	WASHER-HARD (17X32X3.5-MM THK)	
	34	1	**8T-4123**	12	WASHER (3.62X5.75X0.375-MM THK)	

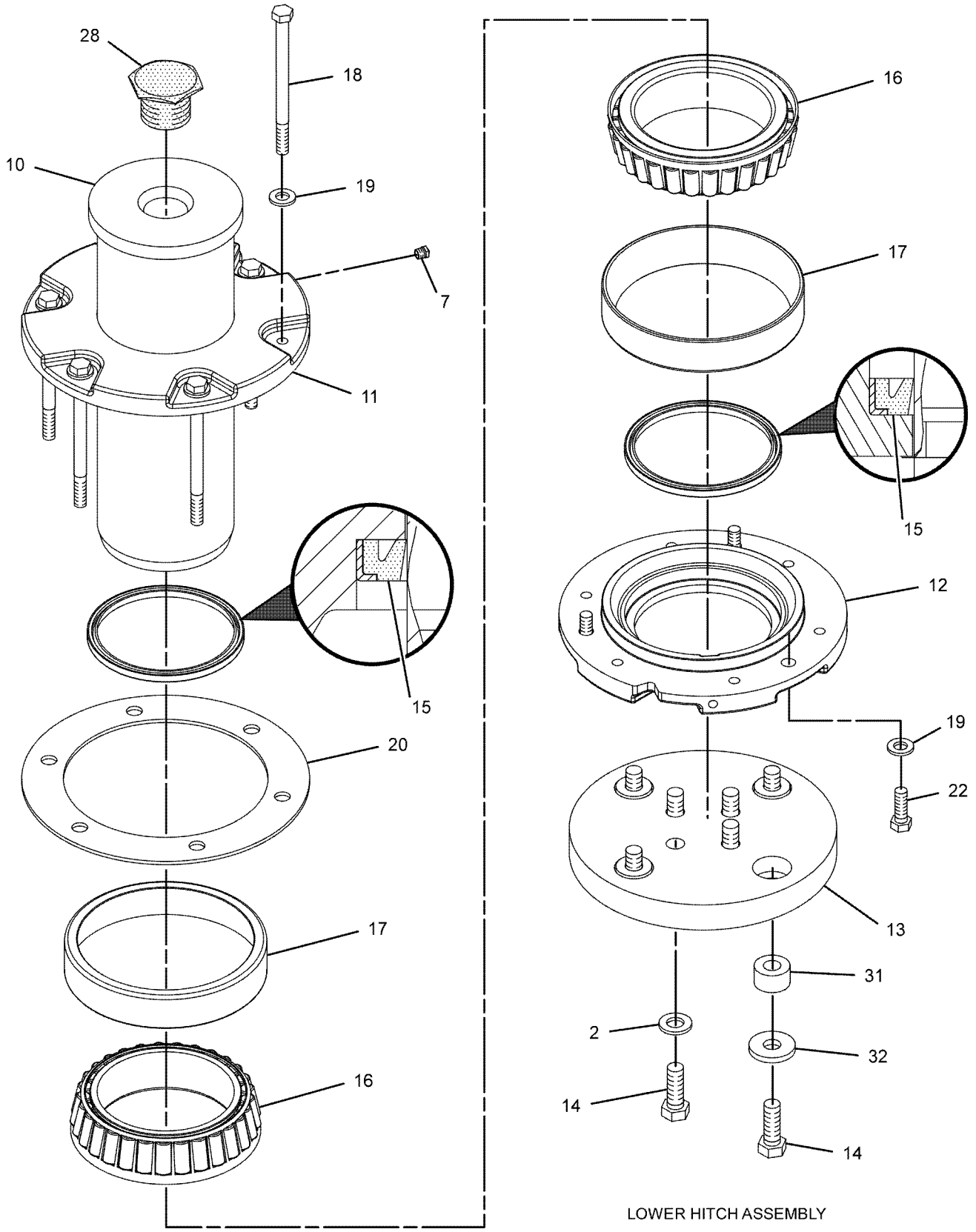
B - USE AS REQUIRED
M - METRIC PART

8R-5637 **HITCH GP-ARTICULATING** (contd.) **i05409989**



GRAPHIC #1 g01070422

8R-5637 **HITCH GP-ARTICULATING** (contd.) **i05409989**



LOWER HITCH ASSEMBLY

GRAPHIC #2 <END> g01070423

231-0800 HOOD & GUARD GP

S/N: BTW1-169

PART OF 230-3275 CHASSIS AR

SMCS-7251 **i02614909**

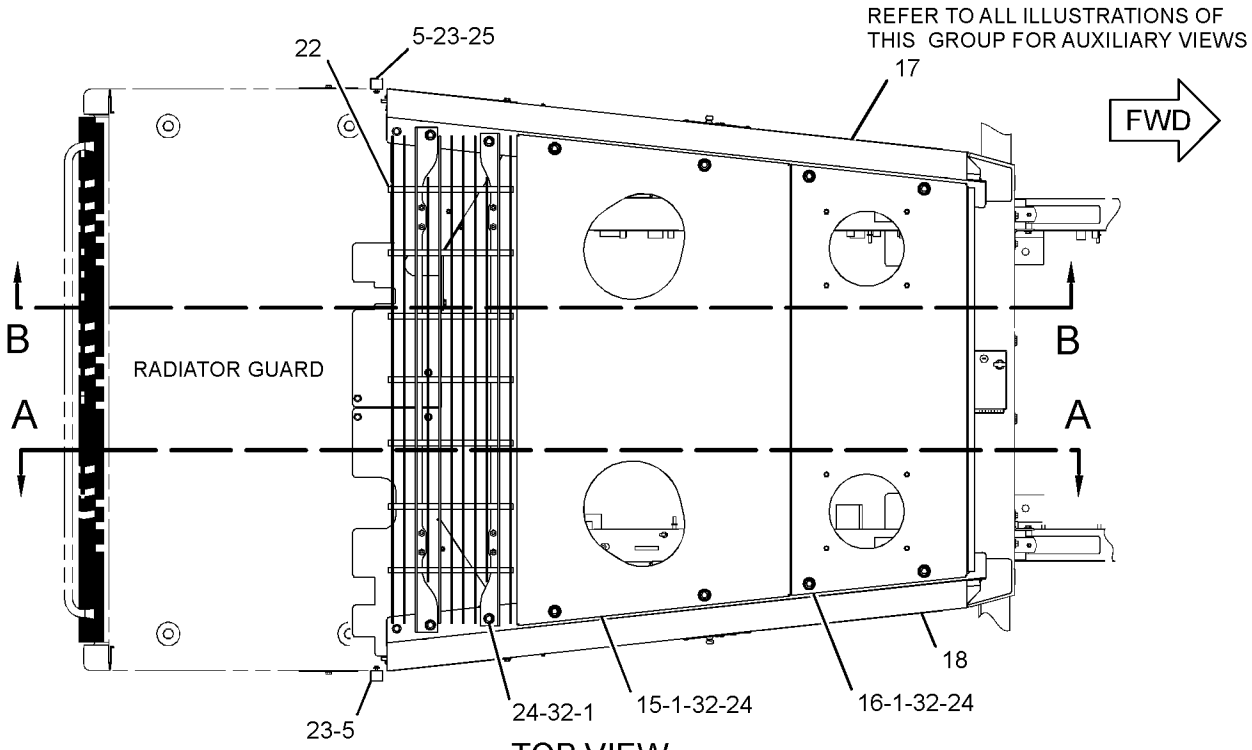
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3W-9481**	12	BOSS	
	2	2	**5R-5927**	6	WASHER (14X65X6-MM THK)	
	3	2	**7T-8331**	2	MOUNT AS	
	4	2	**8G-0841**	6	MOUNT AS	
	5	1	**8Y-5743**	2	SOCKET-LATCH	
	6	1,3	**301-3380**	4	GRILL AS-SIDE	
Y	7	1	*193-4016*	1	PANEL GP-SIDE (LH)	930
Y	8	3	*193-5952*	1	PANEL GP-SIDE (RH)	932
	9	2	**195-2175**	4	BRACKET AS	
M		2	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	10	3	**195-4765**	1	PANEL AS	
	11	3	**195-4767**	1	PANEL AS	
	12	1	**212-6511**	1	PANEL (LH)	
	13	1	**213-4611**	1	PANEL AS-SIDE (LH)	
	14	3	**213-4612**	1	PANEL AS-SIDE (RH)	
	15	1	**231-0770**	1	PANEL AS-HOOD (REAR)	
	16	1	**231-0780**	1	PANEL AS-HOOD (FRONT)	
M		1	**9R-2613**	2	BOSS-WELD (M10X1.5X25-MM)	
M		1	**9U-1793**	8	BLOCK (M12X1.75-MM)	
		1	**117-8721**	1	LUG (M10X1.5-THD)	
	17	1	**231-0781**	1	RAIL AS (LH)	
M		1	**8T-3597**	9	NUT-WELD (M12X1.75-THD)	
		1	**117-8721**	2	LUG (M10X1.5-THD)	
M		1	**9R-2613**	5	BOSS-WELD (M10X1.5X25-MM)	
	18	1	**231-0782**	1	RAIL AS (RH)	
M		1	**8T-3597**	9	NUT-WELD (M12X1.75-THD)	
M		1	**9R-2613**	4	BOSS-WELD (M10X1.5X25-MM)	
Y	19	3	*240-5561*	1	BAFFLE GP-RADIATOR	803
	20	2	**248-6816**	6	MOUNT	
	21	3	**270-6995**	1	PANEL AS	
	22	1	**301-3381**	1	GRILL AS	
M	23	1	**5C-9553**	2	BOLT (M6X1X16-MM)	
	24	1,2	**5P-1076**	20	WASHER-HARD (13.5X30X4-MM THK)	
	25	1	**5P-4115**	2	WASHER-HARD (7.2X19X2-MM THK)	
M	26	2	**6V-7687**	8	LOCKNUT (M12X1.75-THD)	
	27	1,3	**7X-0550**	6	WASHER-HARD (13.5X32X5-MM THK)	
	28	2	**7X-0590**	2	WASHER-HARD (13.5X44.5X6-MM THK)	
	29	1,3	**7X-7729**	20	WASHER (11X25X3-MM THK)	
M	30	3	**8T-4133**	2	NUT (M10X1.5-THD)	
M	31	3	**8T-4136**	2	BOLT (M10X1.5X25-MM)	
M	32	1,3	**8T-4183**	18	BOLT (M12X1.75X40-MM)	
M	33	3	**8T-4186**	2	BOLT (M10X1.5X40-MM)	
M	34	1,3	**8T-4195**	30	BOLT (M10X1.5X30-MM)	
M	35	2	**8T-4196**	4	BOLT (M10X1.5X35-MM)	
	36	2,3	**8T-4222**	6	WASHER-PLATED (11X32X2.5-MM THK)	
M	37	2	**8T-4648**	2	BOLT (M12X1.75X70-MM)	

231-0800 **HOOD & GUARD GP (**contd.**)** **i02614909**

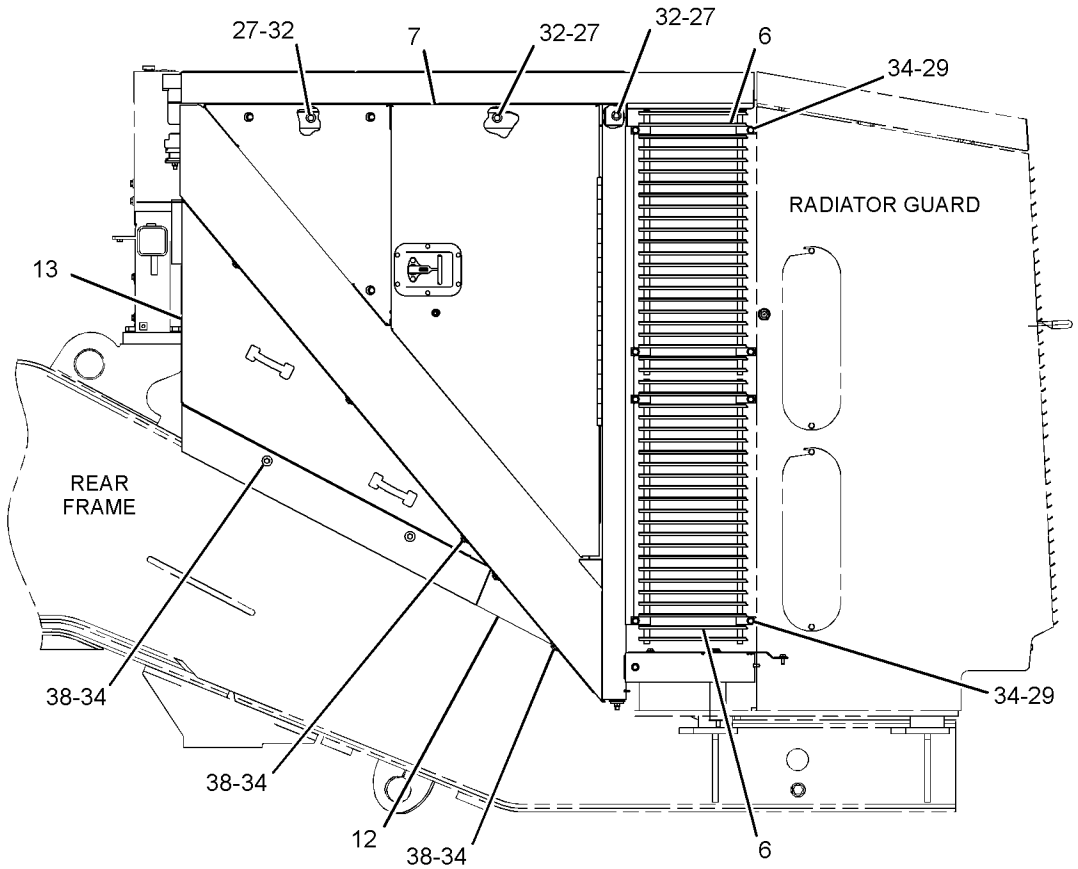
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	38	1,3	**8T-4897**	14	WASHER (10.2X35X6-MM THK)	
M	39	2	**8T-6868**	6	BOLT (M12X1.75X80-MM)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION

231-0800 **HOOD & GUARD GP** (contd.) **i02614909**



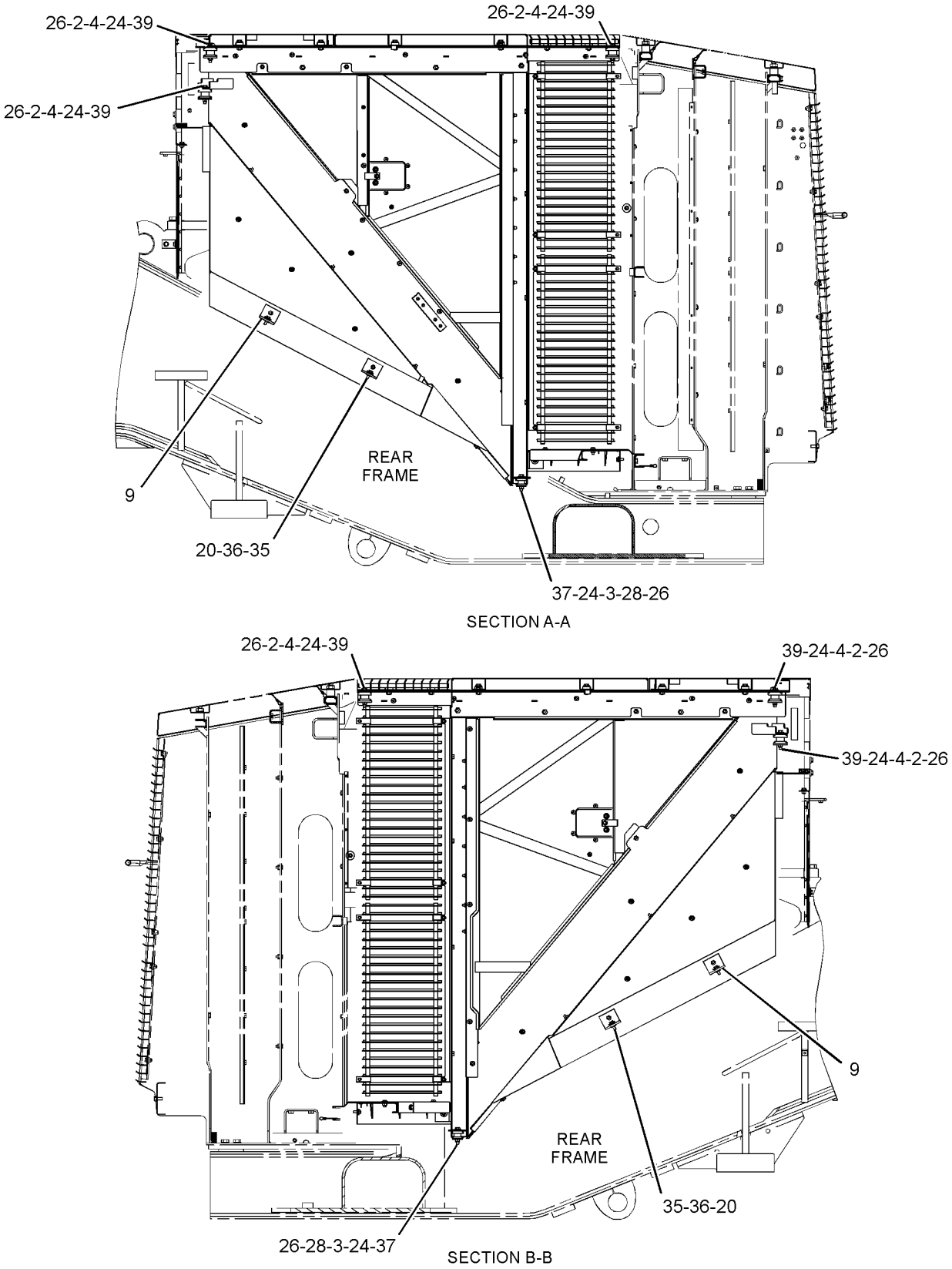
TOP VIEW



LEFT SIDE VIEW

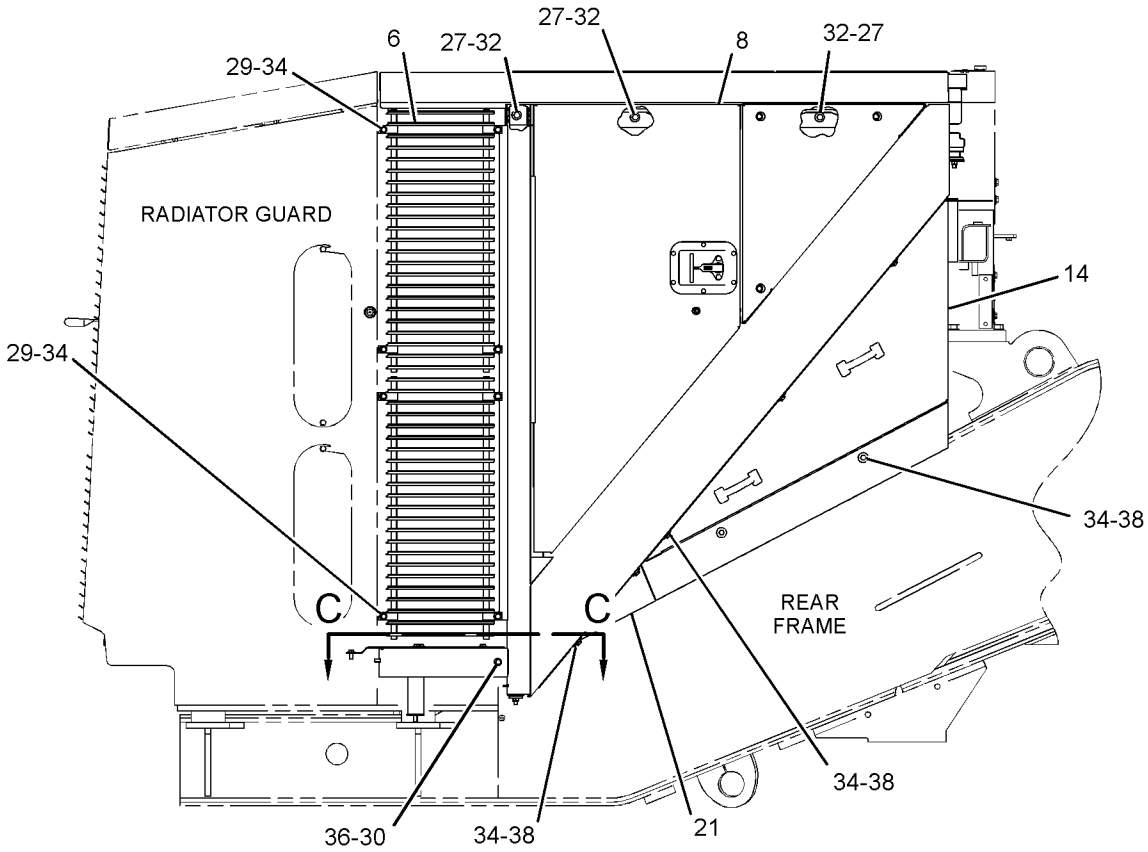
GRAPHIC #1 g01320144

231-0800 **HOOD & GUARD GP** (contd.) **i02614909**

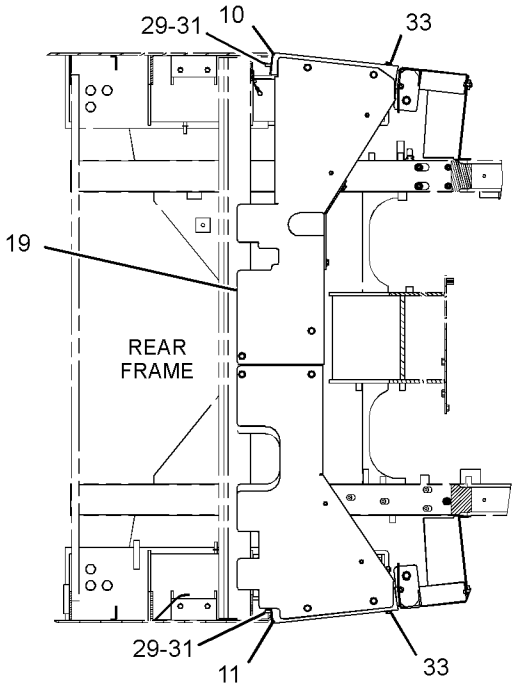


GRAPHIC #2 g01320145

231-0800 **HOOD & GUARD GP (**contd.**)** **i02614909**



RIGHT SIDE VIEW



SECTION C-C

GRAPHIC #3 <END> g01320146

231-0800 HOOD & GUARD GP

S/N: BTW170-UP

PART OF 230-3275 CHASSIS AR

SMCS-7251 **i04950614**

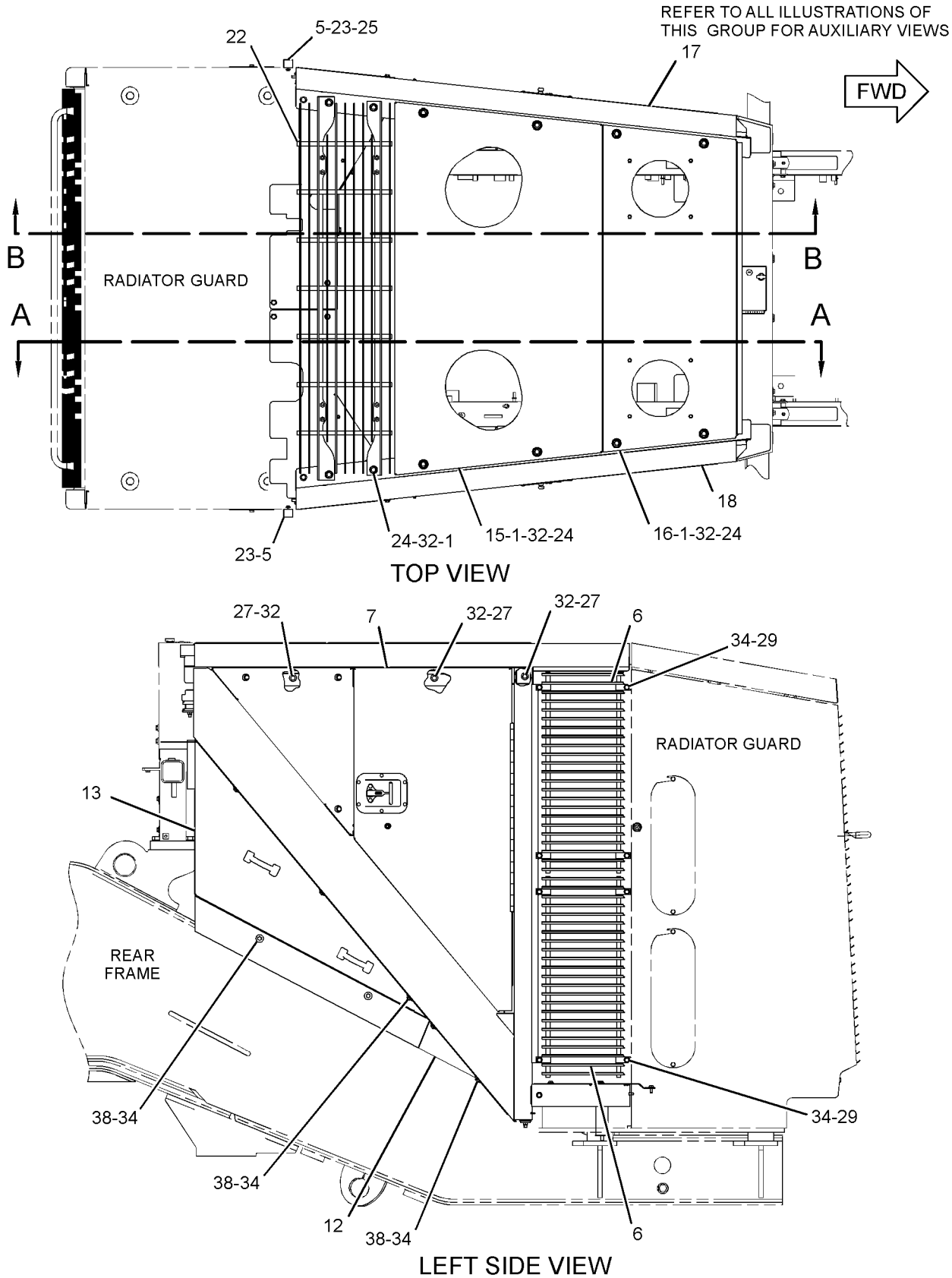
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**198-4778**	12	WASHER-HARD (13.5X30X12-MM THK)	
	2	2	**5R-5927**	6	WASHER (14X65X6-MM THK)	
	3	2	**7T-8331**	2	MOUNT AS	
	4	2	**8G-0841**	6	MOUNT AS	
	5	1	**8Y-5743**	2	SOCKET-LATCH	
	6	1,3	**301-3380**	4	GRILL AS-SIDE	
Y	7	1	*193-4016*	1	PANEL GP-SIDE (LH)	930
Y	8	3	*193-5952*	1	PANEL GP-SIDE (RH)	932
	9	2	**195-2175**	4	BRACKET AS	
	10	3	**195-4765**	1	PANEL AS	
	11	3	**195-4767**	1	PANEL AS	
	12	1	**212-6511**	1	PANEL (LH)	
	13	1	**213-4611**	1	PANEL AS-SIDE (LH)	
	14	3	**213-4612**	1	PANEL AS-SIDE (RH)	
C	15	1	**312-2996**	1	PANEL AS-HOOD	
M		1	**8T-3490**	10	NUT-WELD (M10X1.5-THD)	
M		1	**9R-2613**	2	BOSS-WELD (M10X1.5X25-MM)	
	16	1	**231-0780**	1	PANEL AS-HOOD (FRONT)	
M		1	**9R-2613**	2	BOSS-WELD (M10X1.5X25-MM)	
M		1	**9U-1793**	8	BLOCK (M12X1.75-MM)	
		1	**117-8721**	1	LUG (M10X1.5-THD)	
	17	1	**231-0781**	1	RAIL AS (LH)	
M		1	**8T-3597**	9	NUT-WELD (M12X1.75-THD)	
		1	**117-8721**	2	LUG (M10X1.5-THD)	
M		1	**9R-2613**	5	BOSS-WELD (M10X1.5X25-MM)	
	18	1	**231-0782**	1	RAIL AS (RH)	
M		1	**8T-3597**	9	NUT-WELD (M12X1.75-THD)	
M		1	**9R-2613**	4	BOSS-WELD (M10X1.5X25-MM)	
Y	19	3	*240-5561*	1	BAFFLE GP-RADIATOR	803
	20	2	**248-6816**	6	MOUNT	
	21	3	**270-6995**	1	PANEL AS	
	22	1	**301-3381**	1	GRILL AS	
M	23	1	**5C-9553**	2	BOLT (M6X1X16-MM)	
	24	1,2	**5P-1076**	20	WASHER-HARD (13.5X30X4-MM THK)	
	25	1	**5P-4115**	2	WASHER-HARD (7.2X19X2-MM THK)	
M	26	2	**6V-7687**	8	LOCKNUT (M12X1.75-THD)	
	27	1,3	**7X-0550**	6	WASHER-HARD (13.5X32X5-MM THK)	
	28	2	**7X-0590**	2	WASHER-HARD (13.5X44.5X6-MM THK)	
	29	1,3	**7X-7729**	20	WASHER (11X25X3-MM THK)	
M	30	3	**8T-4133**	2	NUT (M10X1.5-THD)	
M	31	3	**8T-4136**	2	BOLT (M10X1.5X25-MM)	
M	32	1,3	**8T-4183**	18	BOLT (M12X1.75X40-MM)	
M	33	3	**8T-4186**	2	BOLT (M10X1.5X40-MM)	
M	34	1,3	**8T-4195**	30	BOLT (M10X1.5X30-MM)	
M	35	2	**8T-4196**	4	BOLT (M10X1.5X35-MM)	
	36	2,3	**8T-4222**	6	WASHER-PLATED (11X32X2.5-MM THK)	
M	37	2	**8T-4648**	2	BOLT (M12X1.75X70-MM)	

231-0800 **HOOD & GUARD GP (**contd.**)** **i04950614**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	38	1,3	**8T-4897**	14	WASHER (10.2X35X6-MM THK)	
M	39	2	**8T-6868**	6	BOLT (M12X1.75X80-MM)	

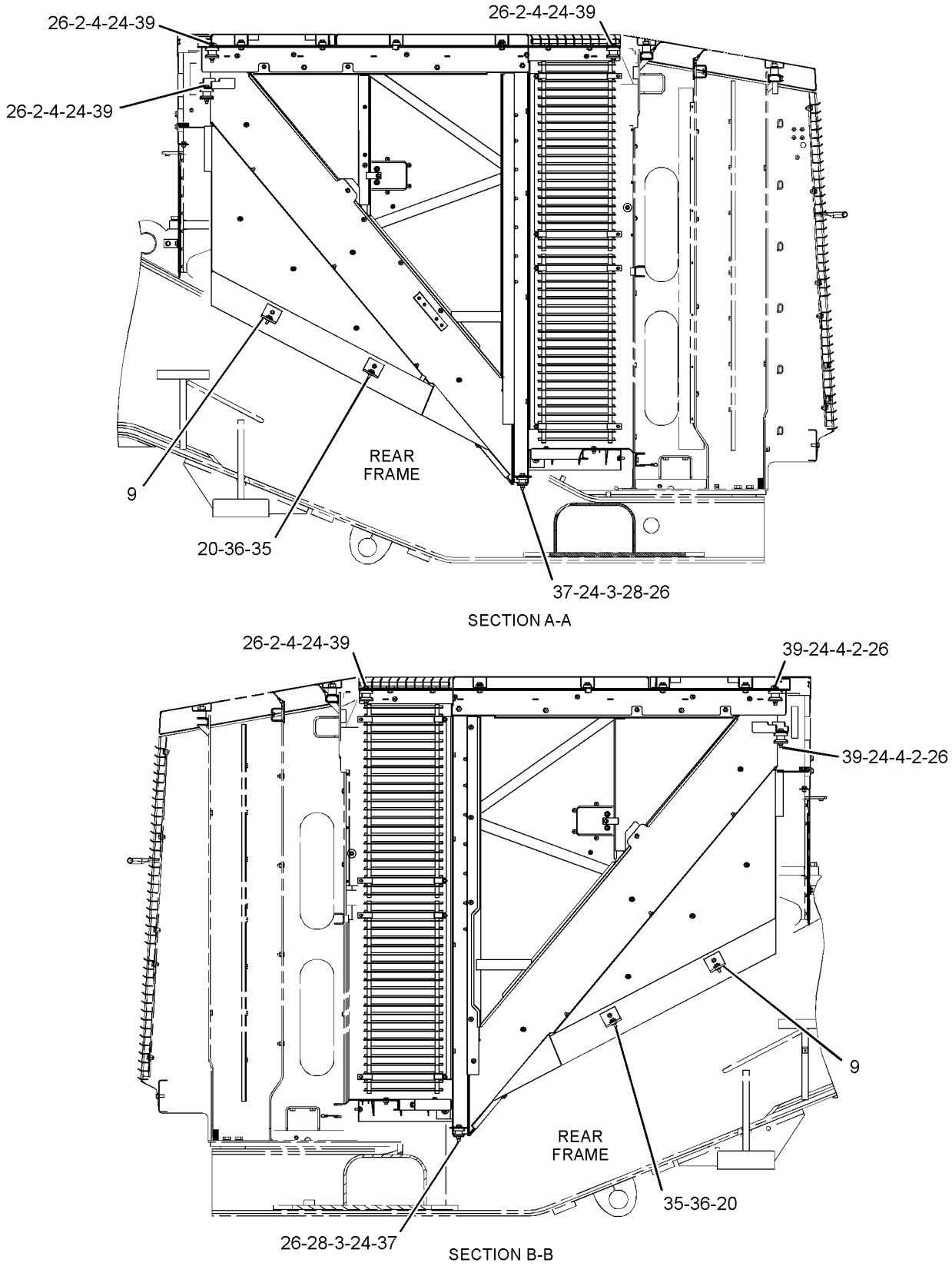
C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
Y - SEPARATE ILLUSTRATION

231-0800 **HOOD & GUARD GP** (contd.) **i04950614**



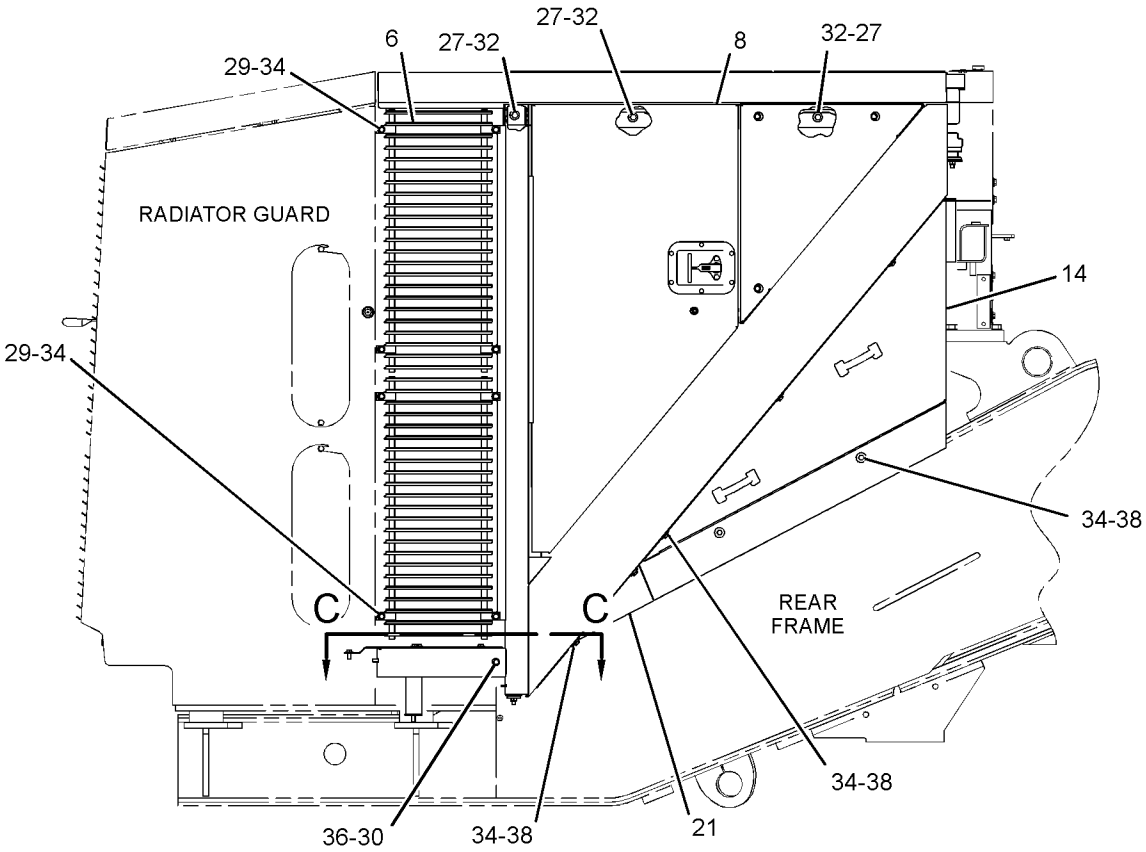
GRAPHIC #1 g01320144

231-0800 **HOOD & GUARD GP** (contd.) **i04950614**

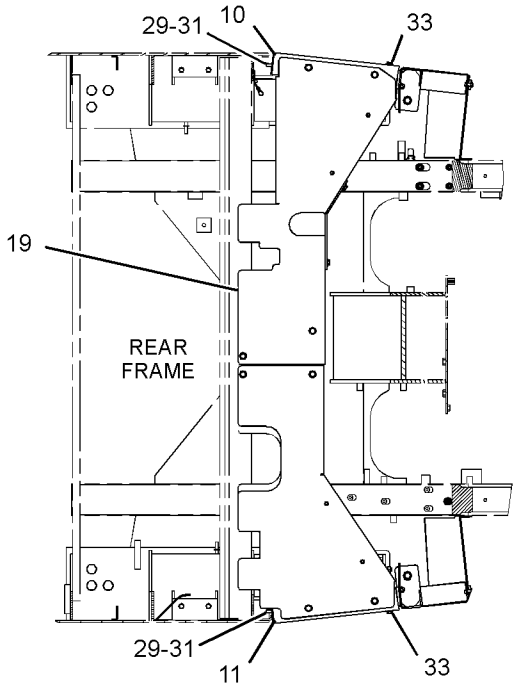


GRAPHIC #2 g01320145

231-0800 **HOOD & GUARD GP** (contd.) **i04950614**



RIGHT SIDE VIEW



SECTION C-C

GRAPHIC #3 <END> g01320146

219-5005 LINES GP-AUTOMATIC LUBRICATION—CUSTOM

S/N: BTW1-UP
REAR FRAME
PART OF 353-4284 OPTION AR-SERVICE

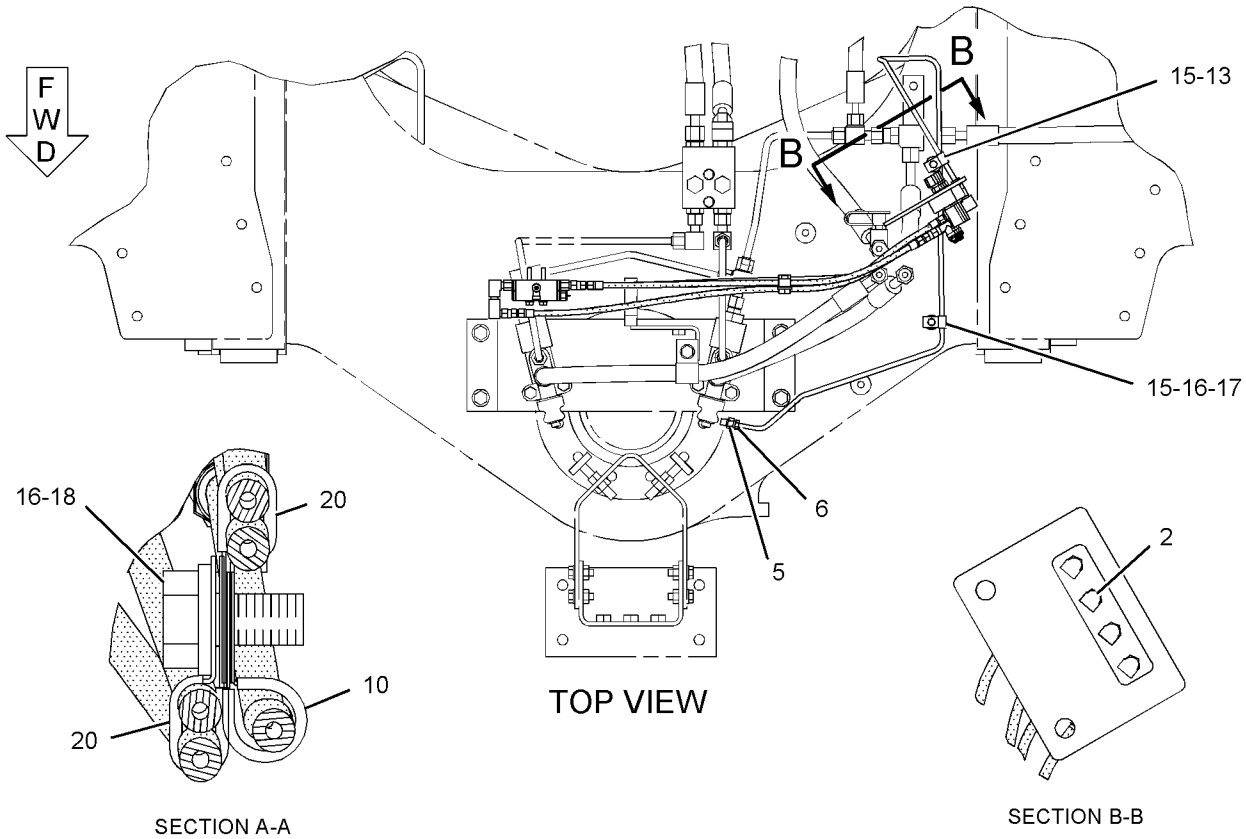
SMCS-7510, 7540

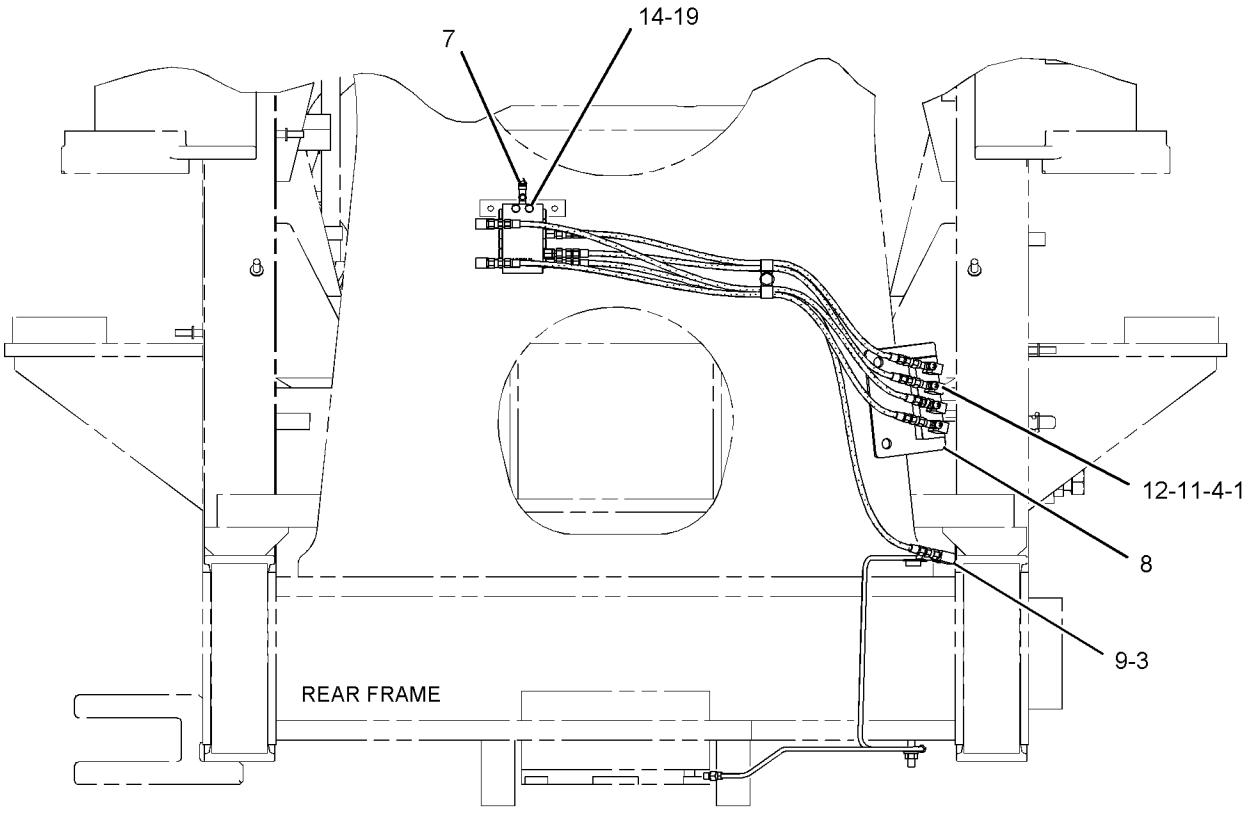
i03911812

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3B-8489**	4	FITTING-GREASE (1/8-27 PTF)	
	2	1	**5K-9243**	4	ELBOW-FLARED	
	3	1	**5K-9979**	1	CONNECTOR	
	4	1	**5P-3422**	4	TEE-PIPE	
	5	1	**6L-3616**	1	CONNECTOR	
	6	1	**189-3681**	1	TUBE AS	
Y	7	1	*219-5007*	1	LINES GP-LUBRICATION (HITCH, STEERING CYL, TRUNNIONS)	923
	8	1	**219-5015**	1	PLATE AS	
	9	1	**3B-6552**	1	ELBOW-PIPE	
	10	1	**4D-7794**	1	CLIP	
	11	1	**4K-3026**	4	EXTENSION (FITTING)	
	12	1	**4M-8973**	4	ELBOW	
	13	1	**7X-0732**	1	WASHER-HARD (10X22.5X8-MM THK)	
M	14	1	**7X-2534**	2	BOLT (M6X1X50-MM)	
	15	1	**8M-2772**	2	CLIP (LOOP)	
	16	1	**8T-4121**	2	WASHER-HARD (11X21X2.5-MM THK)	
M	17	1	**8T-4133**	1	NUT (M10X1.5-THD)	
M	18	1	**8T-4137**	1	BOLT (M10X1.5X20-MM)	
	19	1	**9X-8256**	2	WASHER (6.6X12X2-MM THK)	
	20	1	**9X-8582**	2	CLIP	

M - METRIC PART
Y - SEPARATE ILLUSTRATION

219-5005 **LINES GP-AUTOMATIC LUBRICATION (**contd.**)** **i03911812**





GRAPHIC #1 <END> g01074108

219-5006 LINES GP-AUTOMATIC LUBRICATION—CUSTOM

S/N: BTW1-UP
FRONT FRAME
PART OF 353-4284 OPTION AR-SERVICE

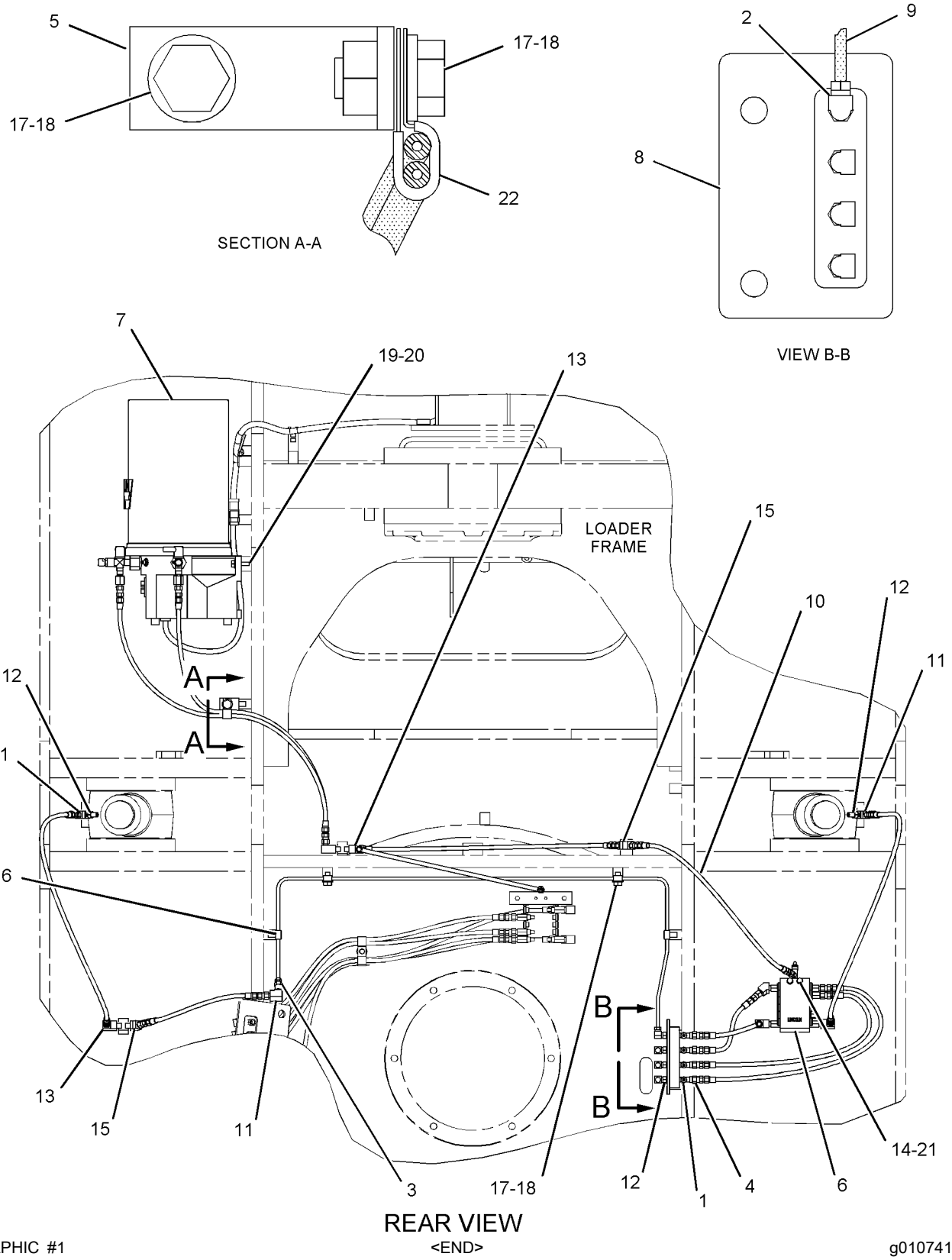
SMCS-7510, 7540

i03911105

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3B-8489**	4	FITTING-GREASE (1/8-27 PTF)	
	2	1	**5K-9243**	4	ELBOW-FLARED	
	3	1	**5K-9979**	1	CONNECTOR	
	4	1	**5P-3422**	4	TEE-PIPE	
	5	1	**147-3150**	1	ANGLE AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
Y	6	1	*219-5008*	1	LINES GP-LUBRICATION (LIFT, STEER CYLS, UPPER HITCH)	924
Y	7	1	*219-5012*	1	TANK GP-GREASE	947
	8	1	**219-5016**	1	PLATE AS	
	9	1	**219-5040**	1	TUBE AS	
Y	10	1	*219-5041*	1	LINES GP-LUBRICATION (GREASE TANK)	925
	11	1	**3B-6552**	3	ELBOW-PIPE	
	12	1	**4K-3026**	6	EXTENSION (FITTING)	
	13	1	**4M-8973**	4	ELBOW	
M	14	1	**7X-2534**	2	BOLT (M6X1X50-MM)	
	15	1	**8L-5008**	3	ELBOW-PIPE	
	16	1	**8M-2772**	4	CLIP (LOOP)	
	17	1	**8T-4121**	6	WASHER-HARD (11X21X2.5-MM THK)	
M	18	1	**8T-4137**	6	BOLT (M10X1.5X20-MM)	
	19	1	**8T-4224**	2	WASHER-HARD (8.8X16X2-MM THK)	
M	20	1	**8T-7547**	2	BOLT (M8X1.25X30-MM)	
	21	1	**9X-8256**	2	WASHER (6.6X12X2-MM THK)	
	22	1	**9X-8582**	1	CLIP	

M - METRIC PART
Y - SEPARATE ILLUSTRATION

219-5006 **LINES GP-AUTOMATIC LUBRICATION (**contd.**)** **i03911105**



GRAPHIC #1 <END> g01074137

221-8484 LINES GP-GREASE–FRONT

S/N: BTW1-UP

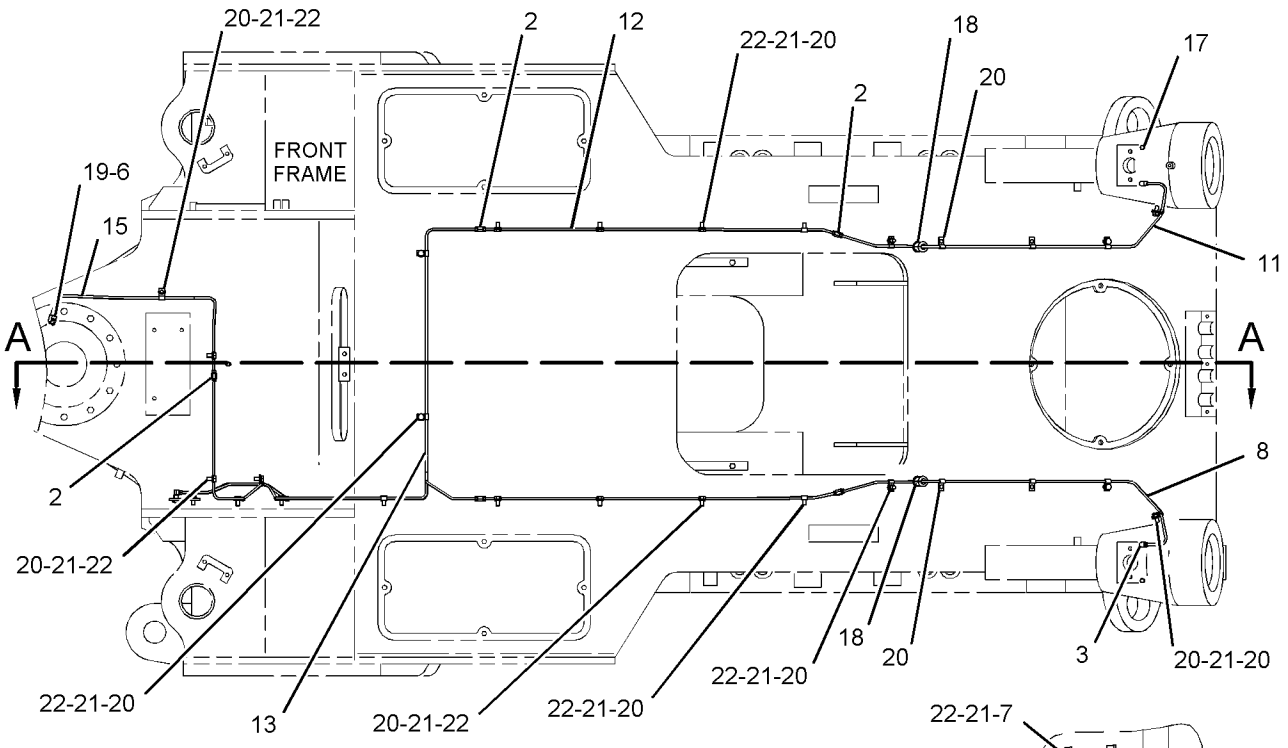
PART OF 230-3275 CHASSIS AR

SMCS-7510 **i05366529**

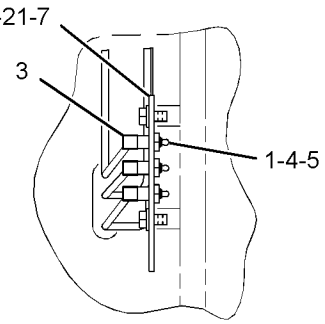
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**5B-0935**	3	FITTING-GREASE	
	2	1	**5K-9242**	6	UNION-FLARED	
	3	1	**5K-9243**	5	ELBOW-FLARED	
	4	1	**5P-5461**	3	NUT (1/8-27-THD)	
	5	1	**5P-5463**	3	ADAPTER-LUBRICATION	
	6	1	**6L-3616**	1	CONNECTOR	
	7	1	**285-0859**	1	PLATE	
	8	1	**221-8485**	1	TUBE AS	
	9	1	**221-8486**	1	TUBE AS	
	10	1	**221-8487**	1	TUBE AS	
	11	1	**221-8488**	1	TUBE AS	
	12	1	**221-8489**	1	TUBE AS	
	13	1	**221-8490**	1	TUBE AS	
	14	1	**221-8492**	1	TUBE AS	
	15	1	**221-8493**	1	TUBE AS	
	16	1	**221-8494**	1	TUBE AS	
	17	1	**5M-6214**	2	PLUG (1/8-27 PTF)	
	18	1	**7V-6571**	2	GROMMET	
	19	1	**8L-5008**	1	ELBOW-PIPE	
	20	1	**8M-2772**	34	CLIP (LOOP)	
	21	1	**8T-4121**	28	WASHER-HARD (11X21X2.5-MM THK)	
M	22	1	**8T-4137**	28	BOLT (M10X1.5X20-MM)	
	23	1	**3B-8489**	1	FITTING-GREASE (1/8-27 PTF)	

M - METRIC PART

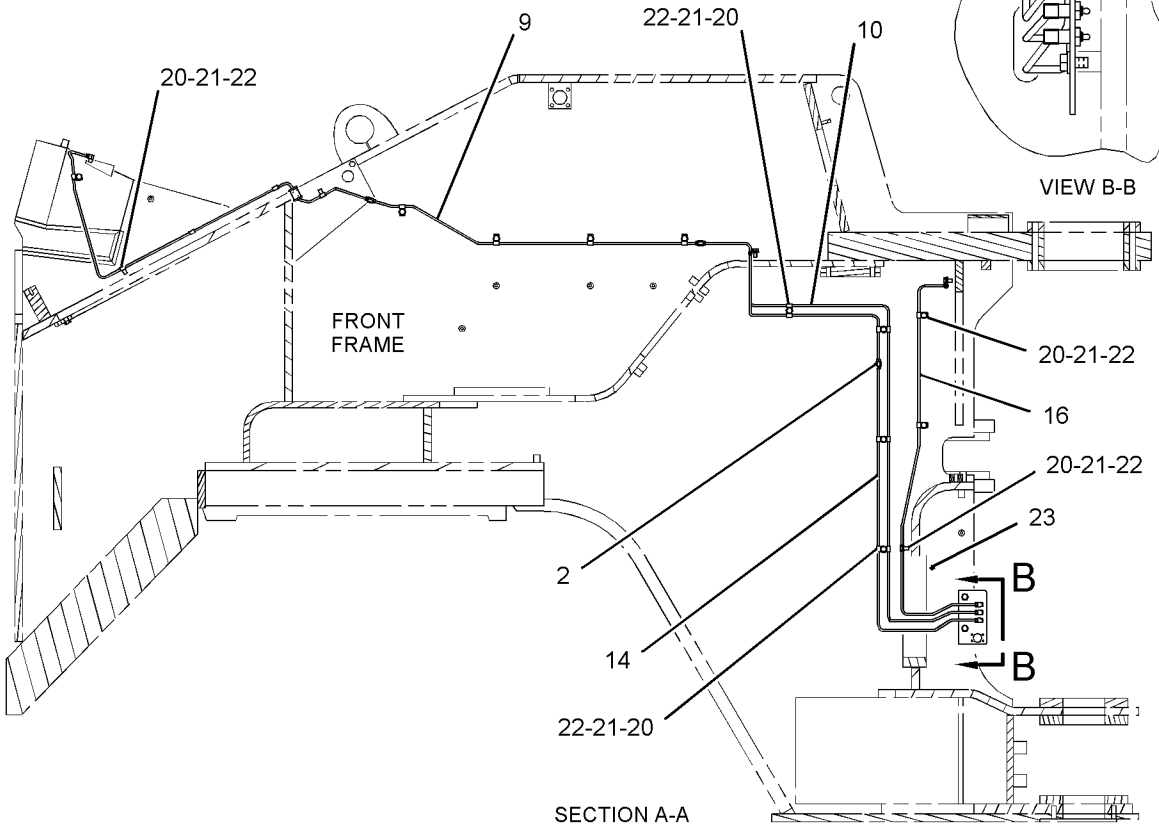
221-8484 **LINES GP-GREASE (**contd.**)** **i05366529**



TOP VIEW



VIEW B-B



SECTION A-A

GRAPHIC #1 <END> g01850196

241-3575 LINES GP-GREASE–REAR

S/N: BTW1-157

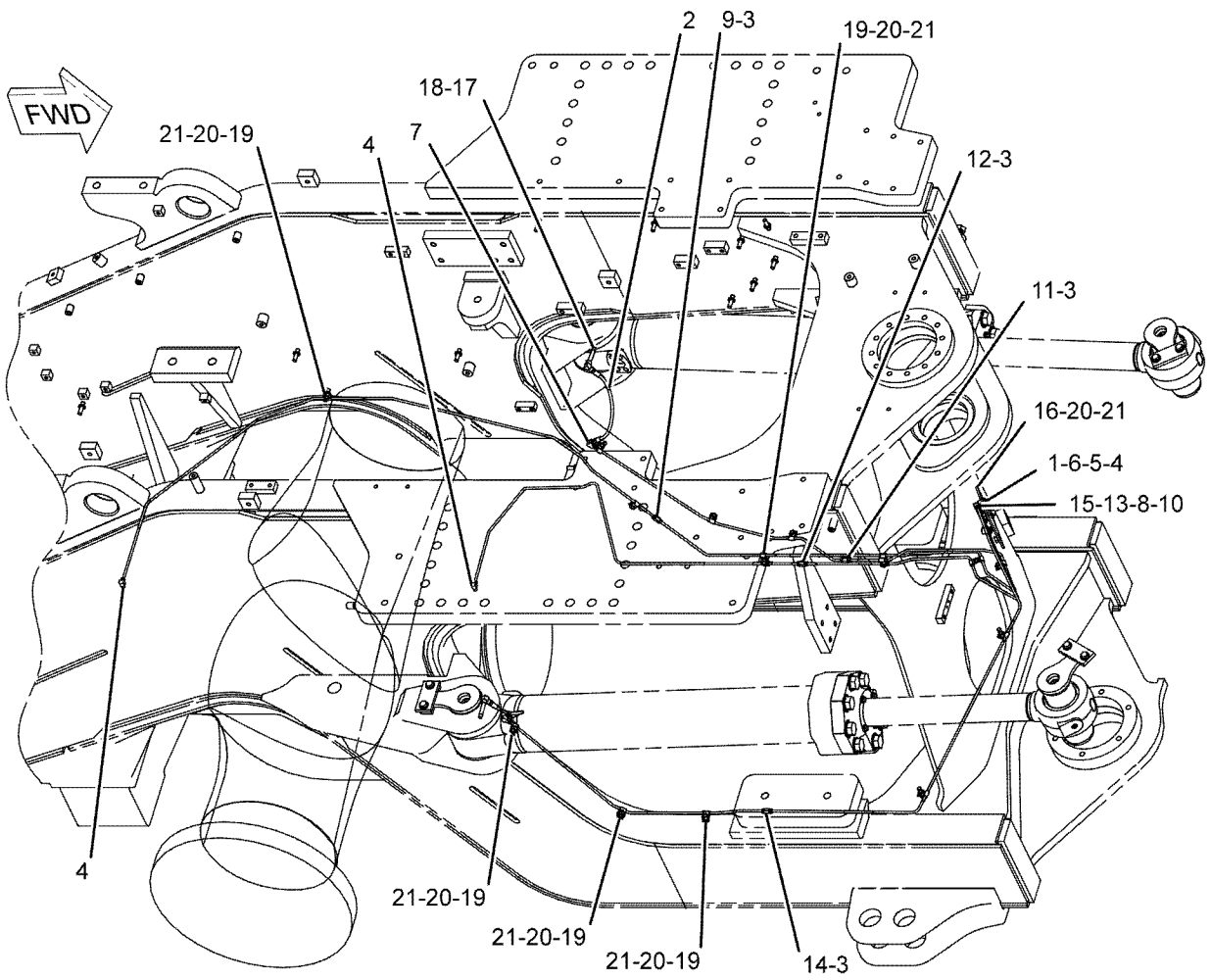
PART OF 230-3275 CHASSIS AR

SMCS-7510 **i02044122**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**5B-0935**	4	FITTING-GREASE	
	2	1	**5K-3772**	2	HOSE AS	
	3	1	**5K-9242**	4	UNION-FLARED	
	4	1	**5K-9243**	6	ELBOW-FLARED	
	5	1	**5P-5461**	4	NUT (1/8-27-THD)	
	6	1	**5P-5463**	4	ADAPTER-LUBRICATION	
	7	1	**9S-7712**	2	ELBOW-FLARED	
	8	1	**241-6896**	1	TUBE AS	
	9	1	**241-6897**	1	TUBE AS	
	10	1	**241-6898**	1	TUBE AS	
	11	1	**241-6899**	1	TUBE AS	
	12	1	**241-6900**	1	TUBE AS	
	13	1	**241-6901**	1	TUBE AS	
	14	1	**241-6902**	1	TUBE AS	
	15	1	**241-6903**	1	TUBE AS	
	16	1	**241-6941**	1	PLATE AS	
M		1	**6V-8224**	2	NUT-WELD (M10X1.5-THD)	
	17	1	**3B-7285**	2	NIPPLE-PIPE	
	18	1	**8B-4884**	2	ELBOW	
	19	1	**8M-2772**	18	CLIP (LOOP)	
	20	1	**8T-4121**	15	WASHER-HARD (11X21X2.5-MM THK)	
M	21	1	**8T-4133**	15	NUT (M10X1.5-THD)	

M - METRIC PART

241-3575 **LINES GP-GREASE (**contd.**)** **i02044122**



GRAPHIC #1 <END> g01049975

241-3575 LINES GP-GREASE–REAR

S/N: BTW158-UP

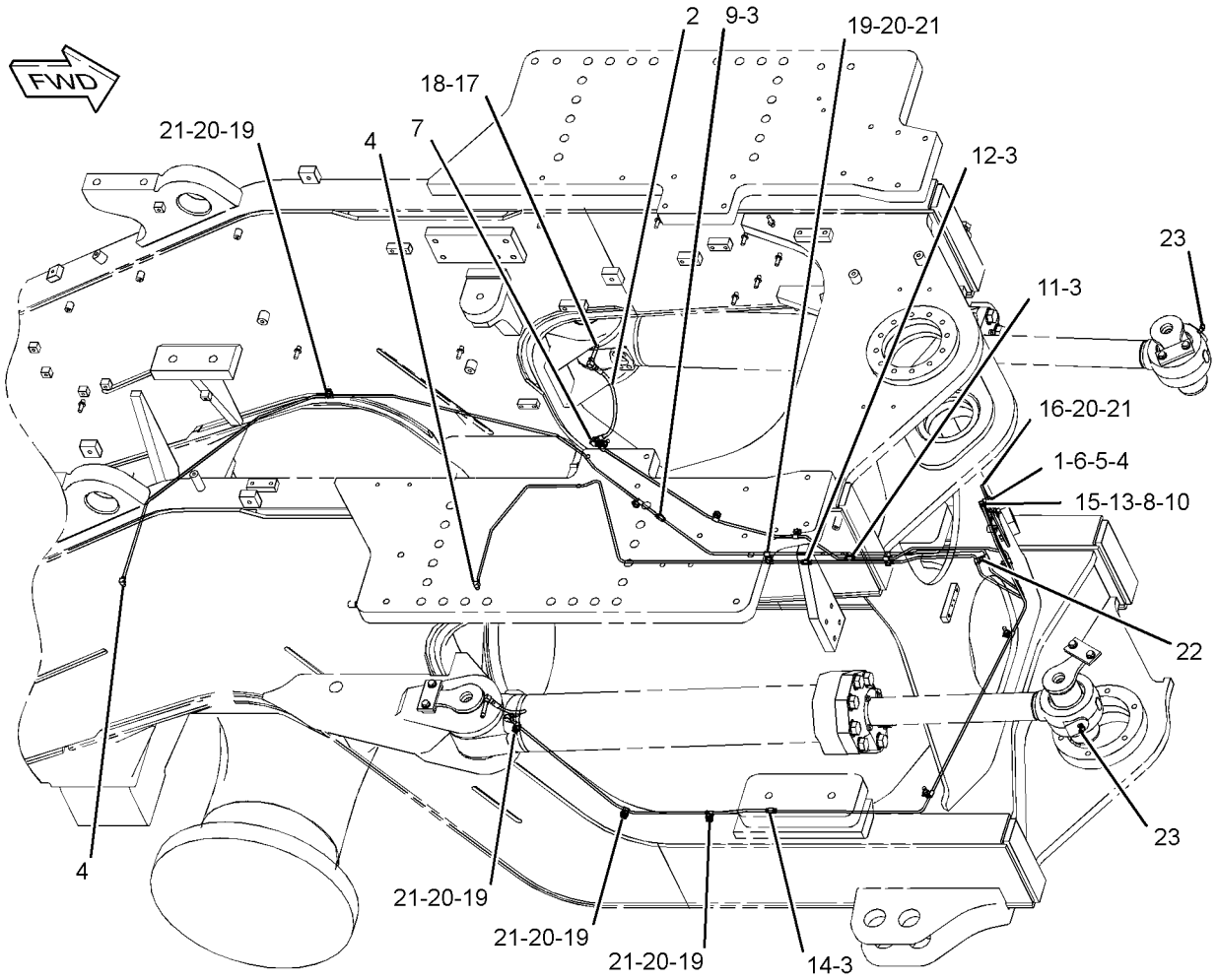
PART OF 230-3275 CHASSIS AR

SMCS-7510 **i05328255**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**5B-0935**	4	FITTING-GREASE	
	2	1	**5K-3772**	2	HOSE AS	
	3	1	**5K-9242**	4	UNION-FLARED	
	4	1	**5K-9243**	6	ELBOW-FLARED	
	5	1	**5P-5461**	4	NUT (1/8-27-THD)	
	6	1	**5P-5463**	4	ADAPTER-LUBRICATION	
	7	1	**9S-7712**	2	ELBOW-FLARED	
	8	1	**241-6896**	1	TUBE AS	
	9	1	**241-6897**	1	TUBE AS	
	10	1	**241-6898**	1	TUBE AS	
	11	1	**241-6899**	1	TUBE AS	
	12	1	**241-6900**	1	TUBE AS	
	13	1	**241-6901**	1	TUBE AS	
	14	1	**241-6902**	1	TUBE AS	
	15	1	**241-6903**	1	TUBE AS	
	16	1	**241-6940**	1	PLATE	
	17	1	**3B-7285**	2	NIPPLE-PIPE	
	18	1	**8B-4884**	2	ELBOW	
	19	1	**8M-2772**	18	CLIP (LOOP)	
	20	1	**8T-4121**	16	WASHER-HARD (11X21X2.5-MM THK)	
M	21	1	**8T-4133**	15	NUT (M10X1.5-THD)	
M	22	1	**8T-4137**	1	BOLT (M10X1.5X20-MM)	
	23	1	**3J-7283**	2	FITTING-GREASE	

M - METRIC PART

241-3575 **LINES GP-GREASE (**contd.**)** **i05328255**



GRAPHIC #1 <END> g03742160

219-5007 LINES GP-LUBRICATION–CUSTOM

S/N: BTW1-UP

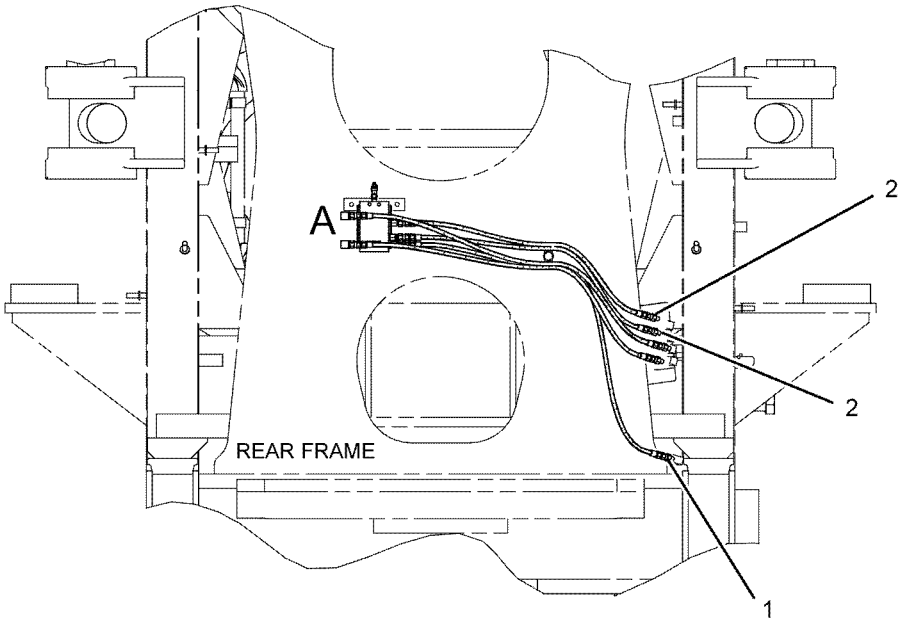
HITCH, STEER CYL, TRUNNION

PART OF 219-5005 LINES GP-AUTOMATIC LUBRICATION

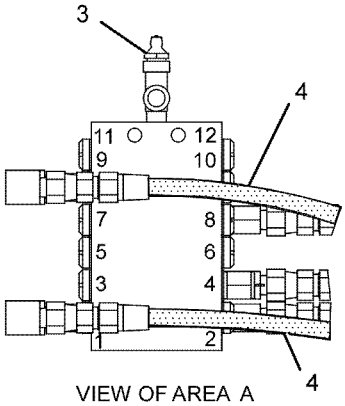
SMCS-7510, 7540 **i02108511**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
I	1	1	**189-7539**	1	HOSE AS	
I	2	1	**189-7981**	2	HOSE AS	
Y	3	1	*219-5011*	1	VALVE GP-LUBE DISTRIBUTION	949
I	4	1	**219-5039**	2	HOSE AS	

I - REFER TO HYDRAULIC INFORMATION SYSTEM
Y - SEPARATE ILLUSTRATION



REAR VIEW



VIEW OF AREA A

THESE INJECTORS APPLY GREASE TO:

1) LEFT CYLINDER STEERING
2) LOWER HITCH
3) CLOSED
4) TRUNNION (FRONT)
5) CLOSED
6) CLOSED
7) CLOSED
8) RIGHT CYLINDER STEERING
9) TRUNNION (REAR)
10) CLOSED
11) CLOSED
12) CLOSED

GRAPHIC #1 <END> g01074036

219-5008 LINES GP-LUBRICATION–CUSTOM

S/N: BTW1-UP

LIFT CYLINDERS, STEERING CYLINDERS, UPPER HITCH

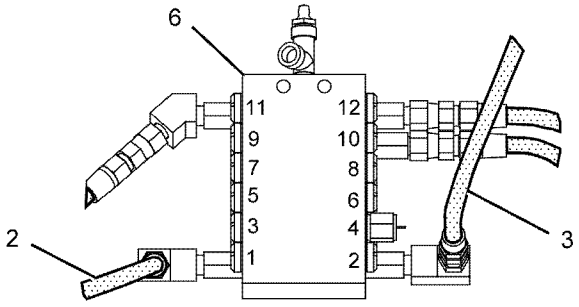
PART OF 219-5006 LINES GP-AUTOMATIC LUBRICATION

SMCS-7510, 7540

i02109679

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
I	1	1	**070-0617**	1	HOSE AS	
I	2	1	**219-5037**	2	HOSE AS	
I	3	1	**219-5038**	2	HOSE AS	
I	4	1	**189-7541**	1	HOSE AS	
I	5	1	**189-7542**	1	HOSE AS	
Y	6	1	*219-5009*	1	VALVE GP-LUBE DISTRIBUTION	948

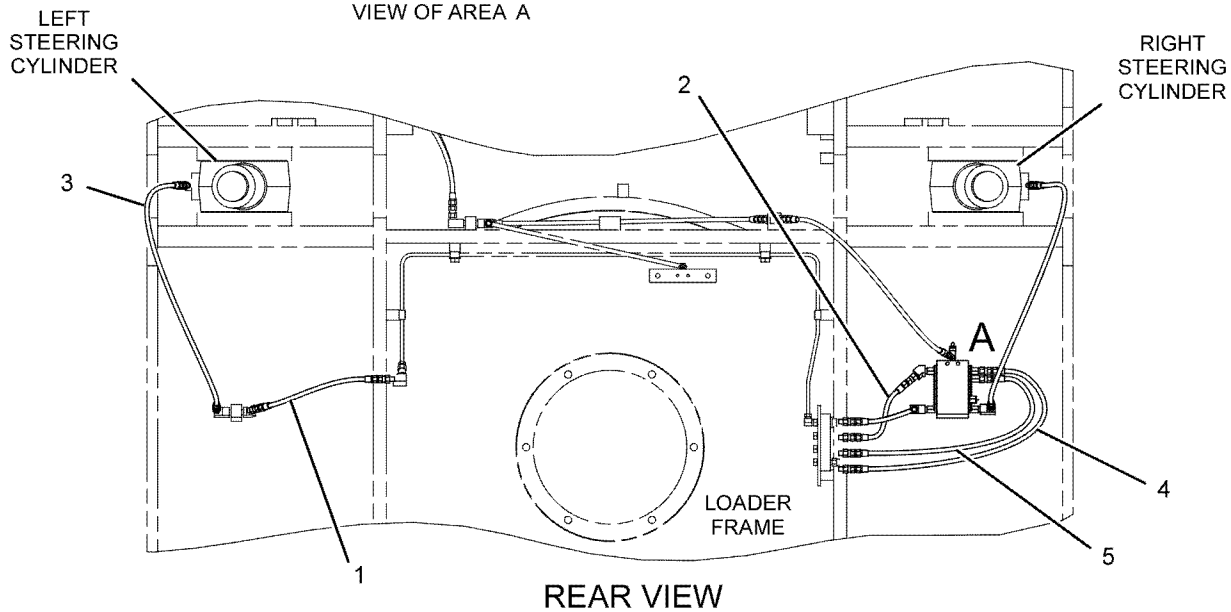
I - REFER TO HYDRAULIC INFORMATION SYSTEM
Y - SEPARATE ILLUSTRATION



VIEW OF AREA A

THESE INJECTORS APPLY GREASE TO:

1) LEFT STEERING
2) RIGHT STEERING
3) CLOSED
4) CLOSED
5) CLOSED
6) CLOSED
7) CLOSED
8) CLOSED
9) CLOSED
10) LIFT CYLINDER
11) UPPER HITCH
12) LIFT CYLINDER



REAR VIEW

GRAPHIC #1

<END>

g01074136

219-5041 LINES GP-LUBRICATION–CUSTOM

S/N: BTW1-UP

GREASE TANK

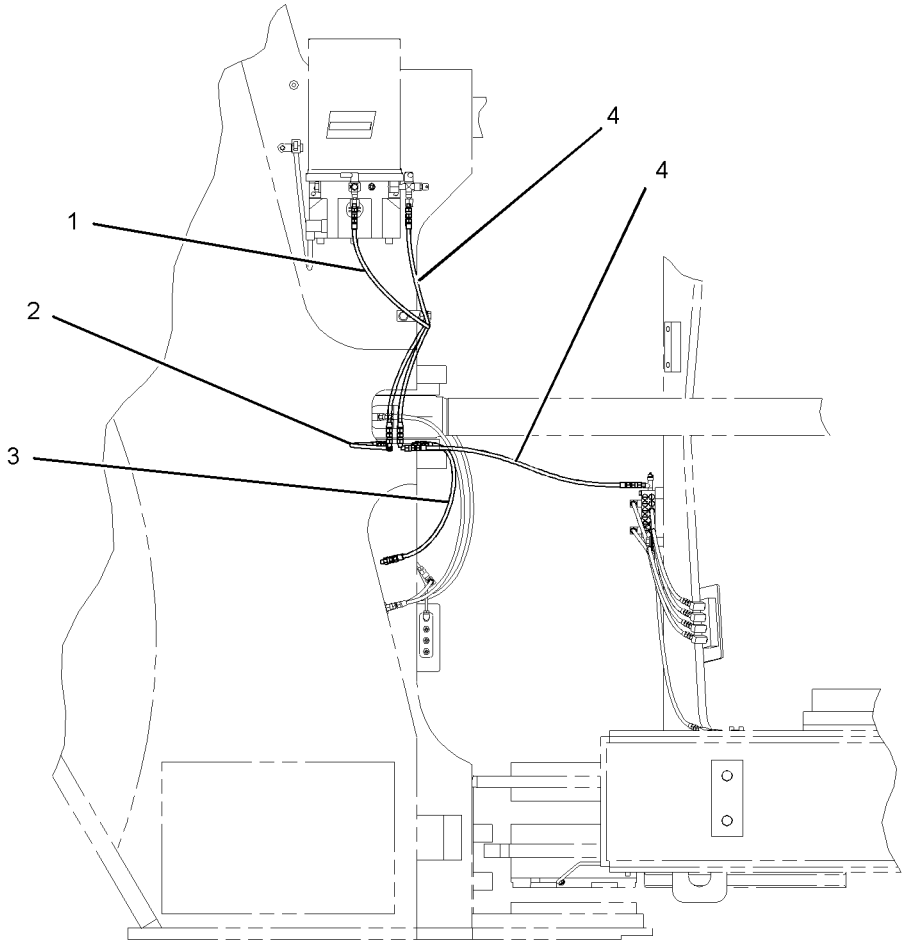
PART OF 219-5006 LINES GP-AUTOMATIC LUBRICATION

SMCS-7510, 7540

i02109681

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
I	1	1	**189-7535**	1	HOSE AS	
I	2	1	**189-7541**	1	HOSE AS	
I	3	1	**189-7546**	1	HOSE AS	
I	4	1	**219-5038**	2	HOSE AS	

I - REFER TO HYDRAULIC INFORMATION SYSTEM



LEFT SIDE VIEW

GRAPHIC #1

<END>

g01074124

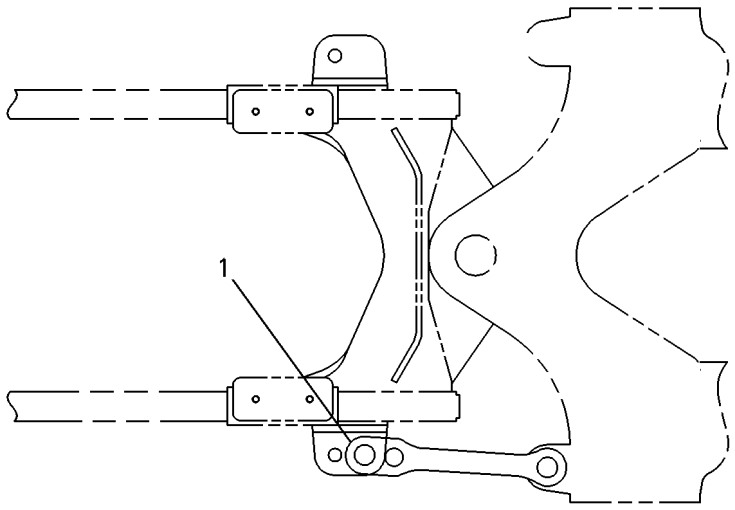
8R-5650 LINK GP-STEERING FRAME LOCK

S/N: BTW1-UP

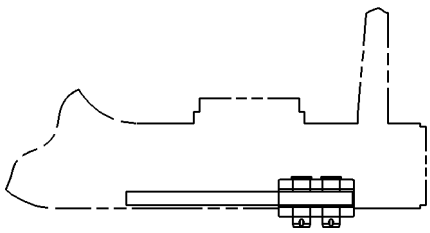
PART OF 230-3275 CHASSIS AR

SMCS-7506 **i05396498**

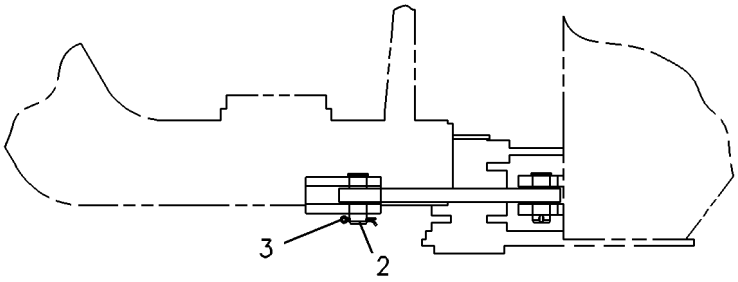
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-9195**	1	LINK	
	2	1	**4E-6015**	2	PIN	
	3	1	**1J-2919**	2	PIN-COTTER	



TOP VIEW



RIGHT SIDE VIEW
TRAVEL POSITION



RIGHT SIDE VIEW
LOCKED POSITION

GRAPHIC #1 <END> g00119802

360-9828 MOUNTING GP-BUMPER

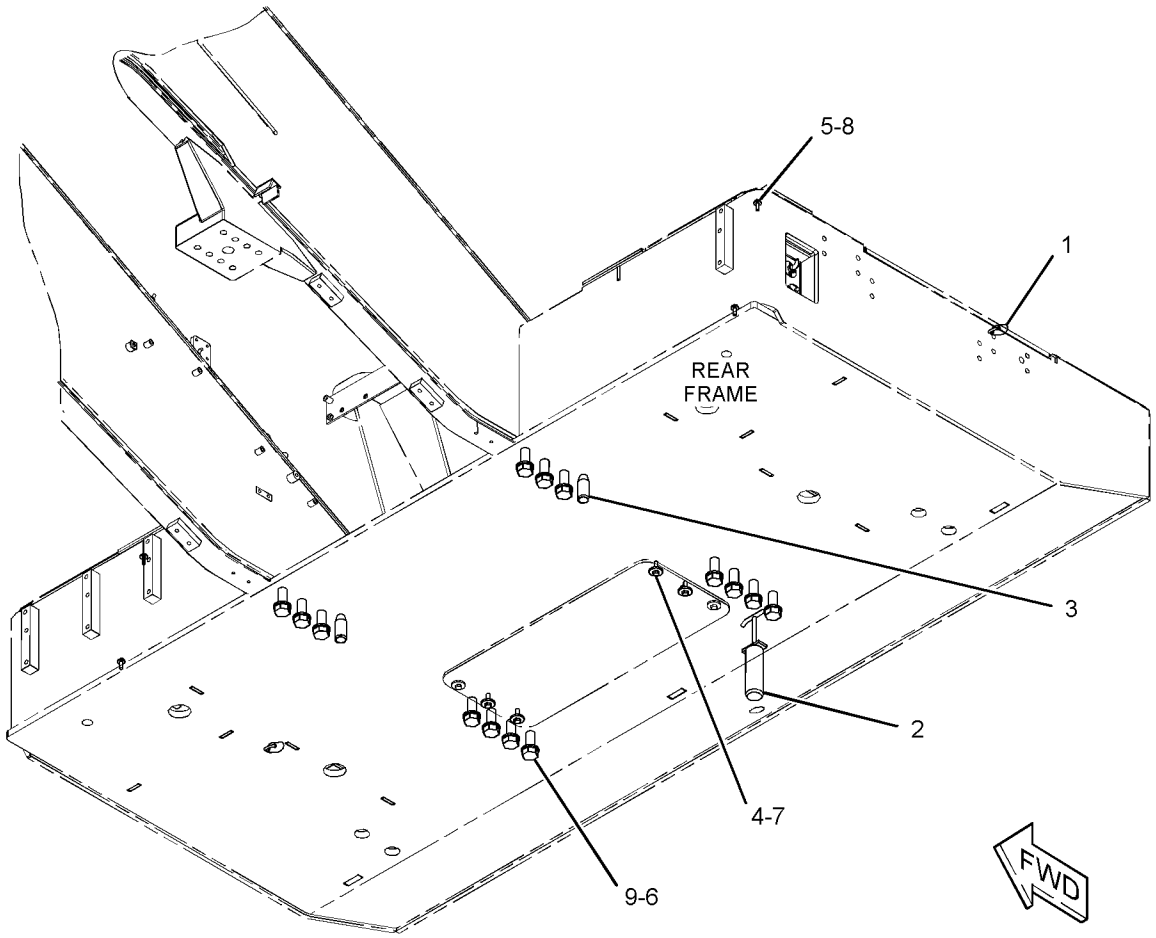
S/N: BTW215-UP

PART OF 230-3275 CHASSIS AR

SMCS-7156 **i04551881**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**246-2641**	2	PADLOCK GP	
					(EACH INCLUDES)	
		1	**5P-8500**	1	KEY	
Y	2	1	*195-0978*	1	DRAWBAR GP	818
	3	1	**6M-1622**	2	DOWEL	
	4	1	**7X-0590**	4	WASHER-HARD (13.5X44.5X6-MM THK)	
	5	1	**7X-7729**	4	WASHER (11X25X3-MM THK)	
M	6	1	**7Y-5232**	14	BOLT (M30X3.5X70-MM)	
M	7	1	**8T-4183**	4	BOLT (M12X1.75X40-MM)	
M	8	1	**8T-4195**	4	BOLT (M10X1.5X30-MM)	
	9	1	**9X-8258**	14	WASHER (33X56X6-MM THK)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g02764559

234-5040 PANEL GP-ACCESS–FIREWALL

S/N: BTW1-UP

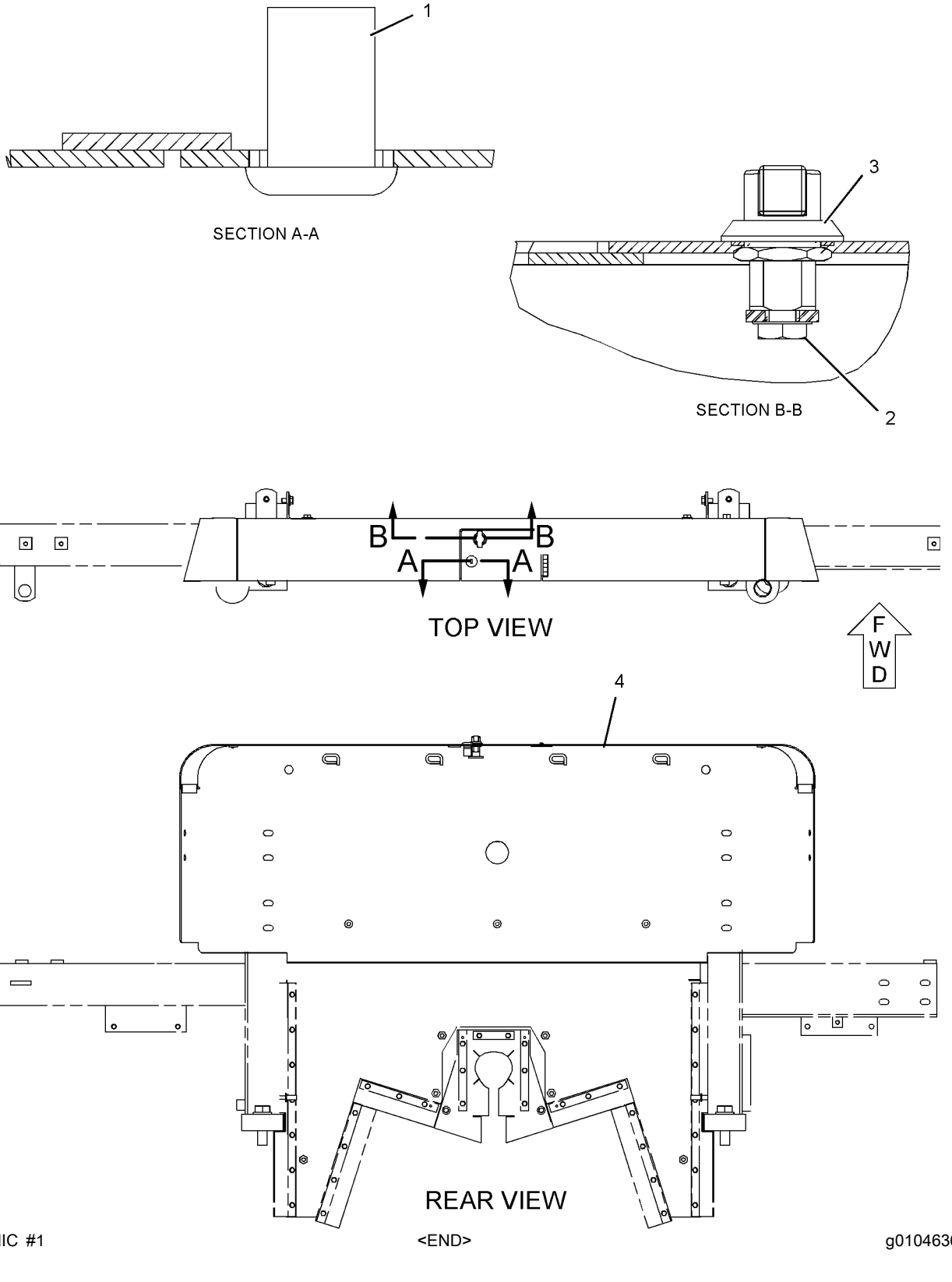
PART OF 234-5050 FIREWALL GP

SMCS-7262, 726A

i02024988

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	*8C-3468*	1	LOCK AS-CYLINDER	
		1	**226-0322**	1	CAM-LOCK	
		1	**226-0291**	1	LOCK AS	
	2	1	**125-8176**	1	CAM-LATCH	
	3	1	**174-6381**	1	LATCH AS	
	4	1	**234-5039**	1	PANEL AS	
		1	**3R-9322**	1	HINGE	
		1	**7T-1099**	4	LINK	
		1	**117-8721**	3	LUG (M10X1.5-THD)	

234-5040 **PANEL GP-ACCESS (**contd.**)** **i02024988**



GRAPHIC #1 <END> g01046365

193-4016 PANEL GP-SIDE—LH

S/N: BTW1-UP

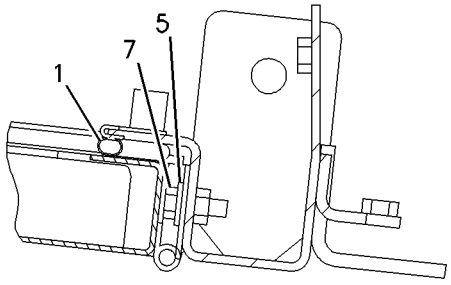
PART OF 231-0800 HOOD & GUARD GP

SMCS-7267 **i03519103**

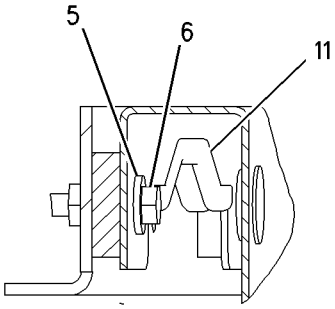
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
D	1	1	**5P-7483**		SEAL (1.45M)	
	2	1	**214-0114**	1	SUPPORT AS	
M		1	**9R-2613**	5	BOSS-WELD (M10X1.5X25-MM)	
		1	**138-6108**	3	SPACER (8.7X20X45-MM THK)	
		1	*193-4019*	1	POST AS	
M		1	**8T-3490**	11	NUT-WELD (M10X1.5-THD)	
		1	*193-4020*	1	CHANNEL AS	
M		1	**8T-3490**	6	NUT-WELD (M10X1.5-THD)	
		1	*193-4024*	1	ANGLE AS	
M		1	**8T-3490**	4	NUT-WELD (M10X1.5-THD)	
		1	*208-9772*	1	CHANNEL AS	
M		1	**8T-3490**	2	NUT-WELD (M10X1.5-THD)	
Y	3	1	*193-7507*	1	DOOR GP-ACCESS (LH)	814
	4	1	**197-3705**	1	PANEL AS-SIDE (LH)	
	5	1	**7X-7729**	10	WASHER (11X25X3-MM THK)	
M	6	1	**8T-4186**	3	BOLT (M10X1.5X40-MM)	
M	7	1	**8T-4195**	7	BOLT (M10X1.5X30-MM)	
D	8	1	**5P-7483**		SEAL (0.66M EACH)	
D	9	1	**5P-7483**		SEAL (1.10M)	
D	10	1	**5P-7483**		SEAL (0.60M)	
D	11	1	**5P-7483**		SEAL (0.30M)	

D - ORDER BY THE METER
M - METRIC PART
Y - SEPARATE ILLUSTRATION

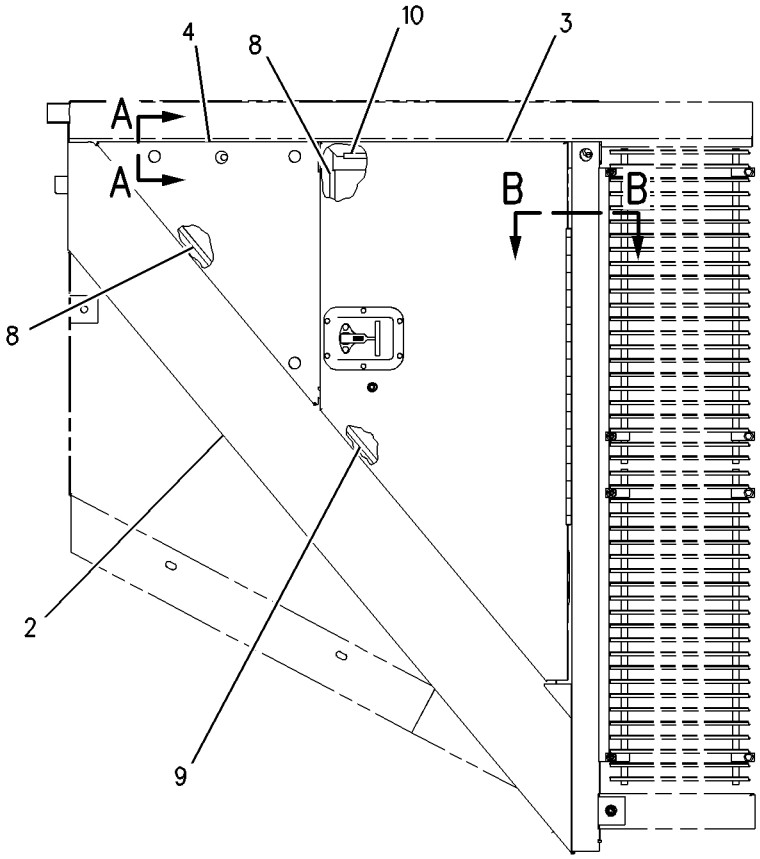
193-4016 **PANEL GP-SIDE (**contd.**)** **i03519103**



SECTION B-B



SECTION A-A



GRAPHIC #1 <END> g00887855

193-5952 PANEL GP-SIDE–RH

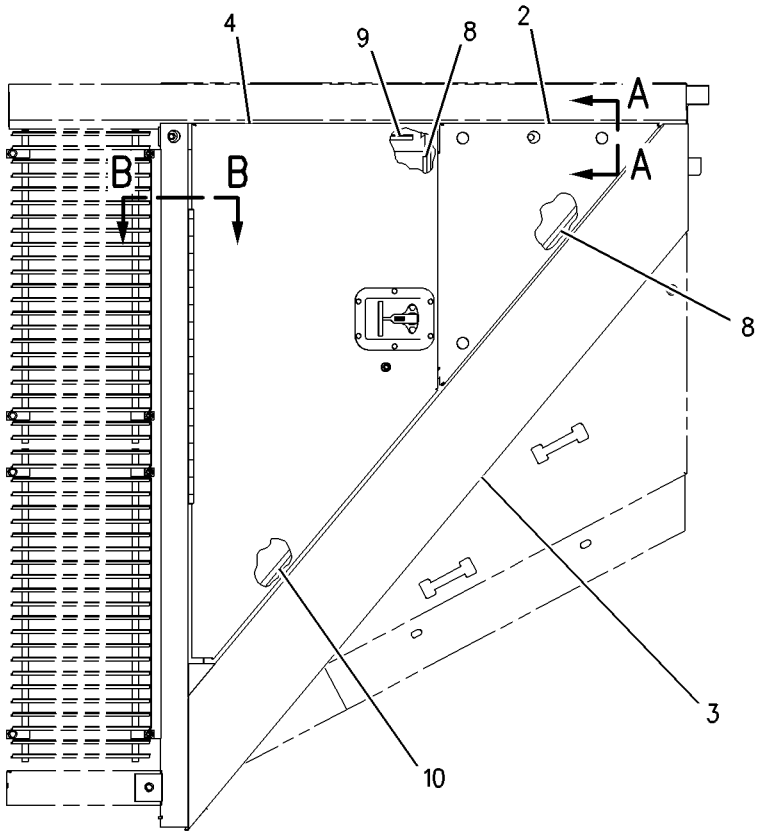
S/N: BTW1-UP

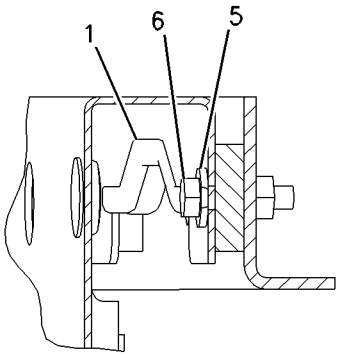
PART OF 231-0800 HOOD & GUARD GP

SMCS-7267 **i03519107**

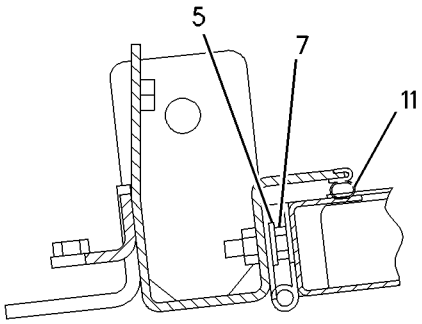
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
D	1	1	**5P-7483**		SEAL (0.30M)	
	2	1	**193-5939**	1	PANEL AS-SIDE (FRONT, LH)	
M		1	**9R-2613**	1	BOSS-WELD (M10X1.5X25-MM)	
	3	1	**214-0115**	1	SUPPORT AS	
M		1	**8T-3490**	4	NUT-WELD (M10X1.5-THD)	
M		1	**9R-2613**	3	BOSS-WELD (M10X1.5X25-MM)	
Y	4	1	*193-5950*	1	DOOR GP-ACCESS (RH)	812
	5	1	**7X-7729**	10	WASHER (11X25X3-MM THK)	
M	6	1	**8T-4186**	3	BOLT (M10X1.5X40-MM)	
M	7	1	**8T-4195**	7	BOLT (M10X1.5X30-MM)	
D	8	1	**5P-7483**	2	SEAL (0.66M EACH)	
D	9	1	**5P-7483**		SEAL (0.60M)	
D	10	1	**5P-7483**		SEAL (1.10M)	
D	11	1	**5P-7483**		SEAL (1.45M)	

D - ORDER BY THE METER
M - METRIC PART
Y - SEPARATE ILLUSTRATION





SECTION A-A



SECTION B-B

GRAPHIC #1 <END> g00887848

234-4988 SHIELD GP-ENGINE COMPARTMENT

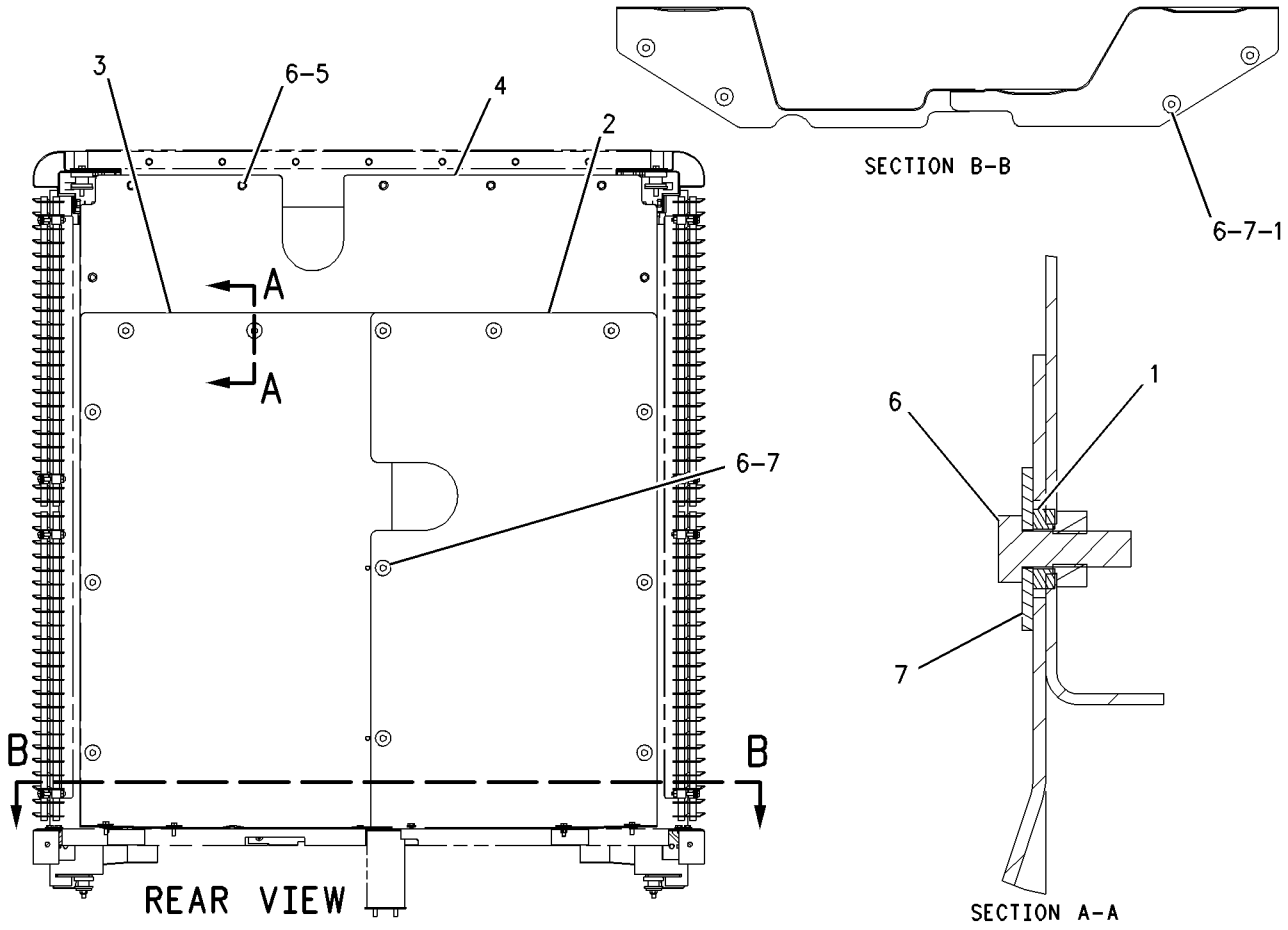
S/N: BTW1-169

PART OF 230-3275 CHASSIS AR

SMCS-7154, 7263 **i02026096**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4H-1225**	15	WASHER (11X22X6-MM THK)	
	2	1	**239-0286**	1	SHIELD (RH)	
	3	1	**195-3196**	1	SHIELD AS (LH)	
	4	1	**196-2968**	1	PLATE AS	
M		1	**8T-3490**	5	NUT-WELD (M10X1.5-THD)	
		1	**138-6108**	3	SPACER (8.7X20X45-MM THK)	
	5	1	**7X-7729**	7	WASHER (11X25X3-MM THK)	
M	6	1	**8T-4195**	24	BOLT (M10X1.5X30-MM)	
	7	1	**8T-4226**	17	WASHER-PLATED (10.5X45X3-MM THK)	

M - METRIC PART



GRAPHIC #1 <END> g00766365

234-4988 SHIELD GP-ENGINE COMPARTMENT

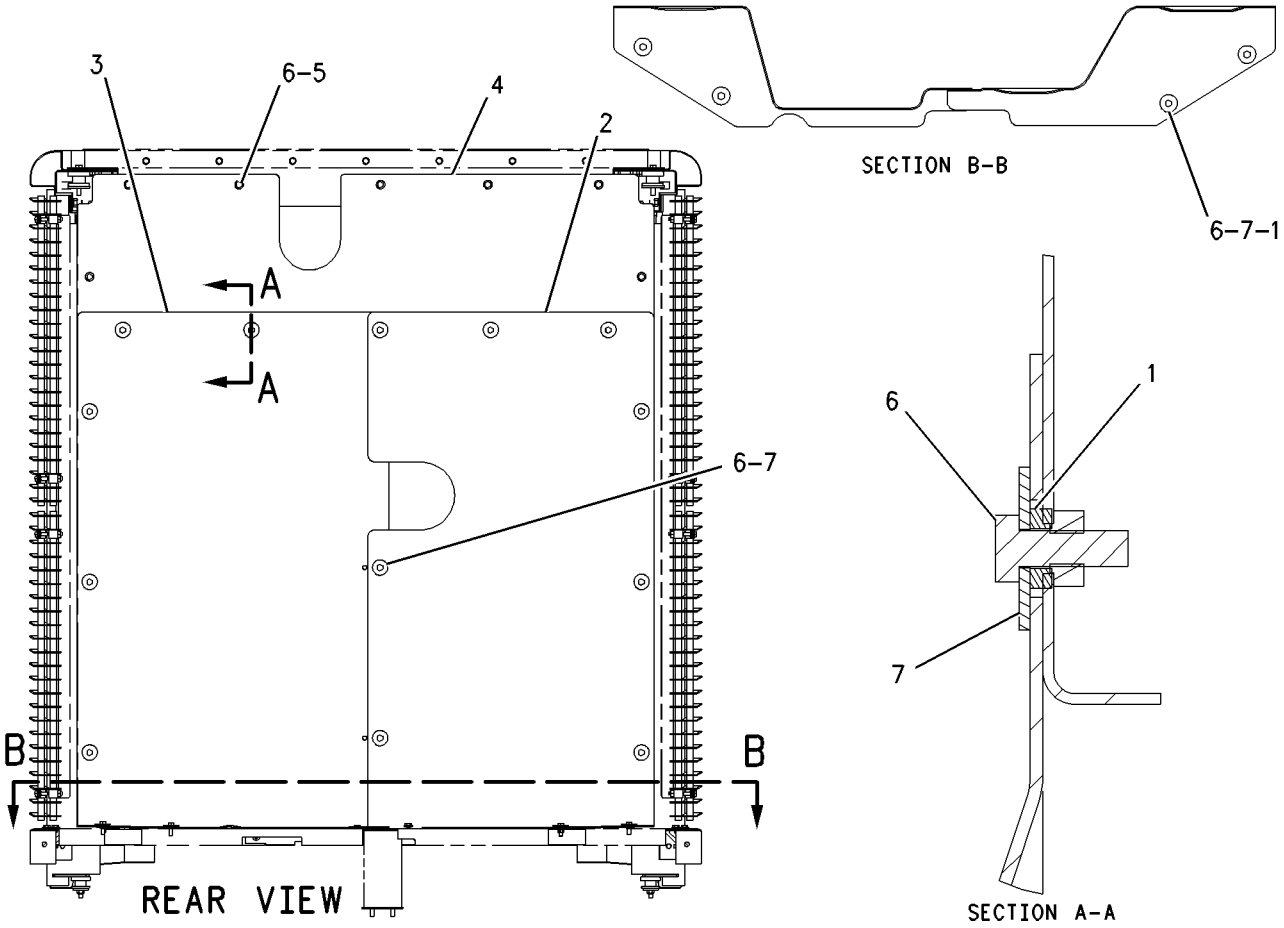
S/N: BTW170-UP

PART OF 230-3275 CHASSIS AR

SMCS-7154, 7263 **i02966441**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4H-1225**	15	WASHER (11X22X6-MM THK)	
	2	1	**239-0286**	1	SHIELD (RH)	
	3	1	**195-3196**	1	SHIELD AS (LH)	
C	4	1	**312-1185**	1	PLATE AS	
M		1	**8T-3490**	5	NUT-WELD (M10X1.5-THD)	
		1	**138-6108**	3	SPACER (8.7X20X45-MM THK)	
	5	1	**7X-7729**	7	WASHER (11X25X3-MM THK)	
M	6	1	**8T-4195**	24	BOLT (M10X1.5X30-MM)	
	7	1	**8T-4226**	17	WASHER-PLATED (10.5X45X3-MM THK)	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART



GRAPHIC #1 <END> g00766365

241-8653 SHIELD GP-ENGINE COMPARTMENT

S/N: BTW1-UP

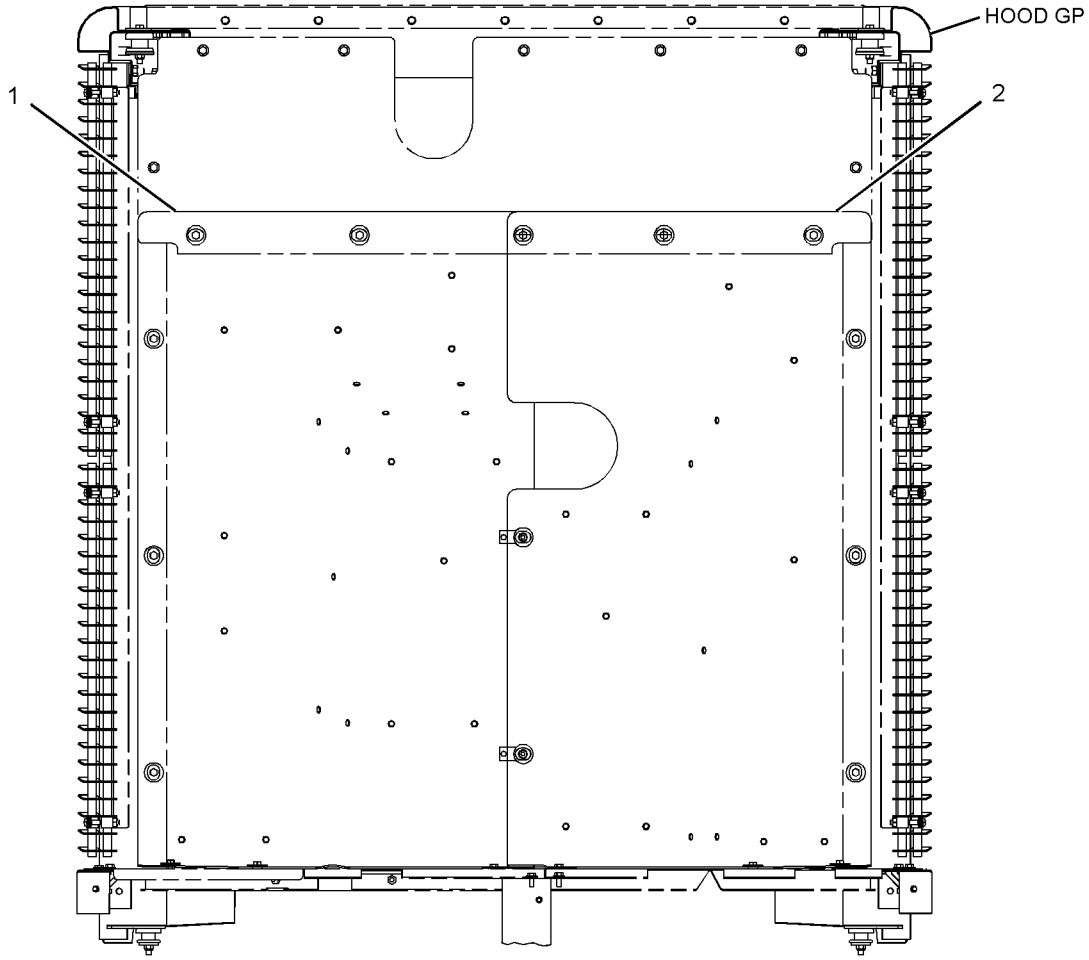
PART OF 240-9104 SUPPRESSION AR-SOUND

SMCS-7154, 7263

i02046423

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**241-8654**	1	SHIELD GP-HEAT (LH)	244
Y	2	1	**241-8655**	1	SHIELD GP-HEAT (RH)	245

Y - SEPARATE ILLUSTRATION



REAR VIEW

GRAPHIC #1

<END>

g01050808

144-2641 STEP GP

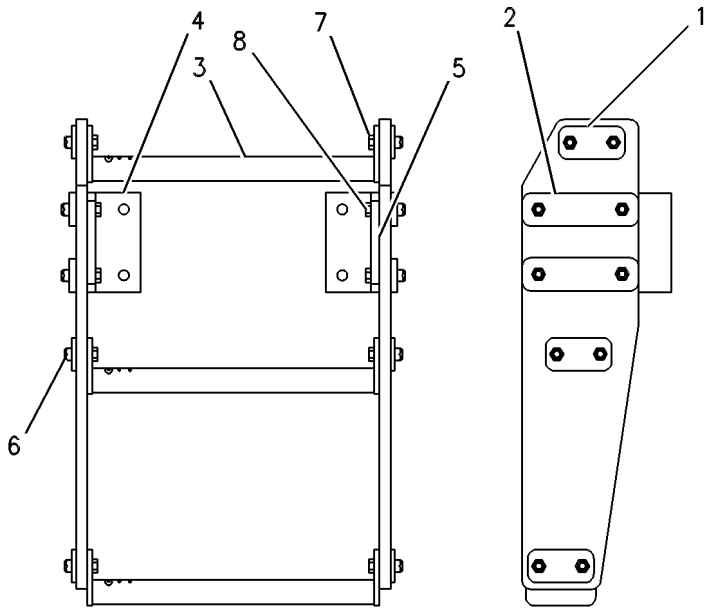
S/N: BTW1-214

PART OF 219-7514 HANDRAIL & STEP GP

SMCS-7254 **i00891265**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4V-9803**	6	PLATE	
	2	1	**112-4558**	4	PLATE	
	3	1	**134-2552**	3	STEP AS	
	4	1	**135-5154**	2	BRACKET	
	5	1	**144-2642**	2	SUPPORT-STEP (RUBBER)	
M	6	1	**6V-7687**	20	LOCKNUT (M12X1.75-THD)	
M	7	1	**8T-4184**	12	BOLT (M12X1.75X45-MM)	
M	8	1	**8T-4194**	8	BOLT (M12X1.75X50-MM)	

M - METRIC PART



GRAPHIC #1 <END> g00278955

355-1284 STEP GP

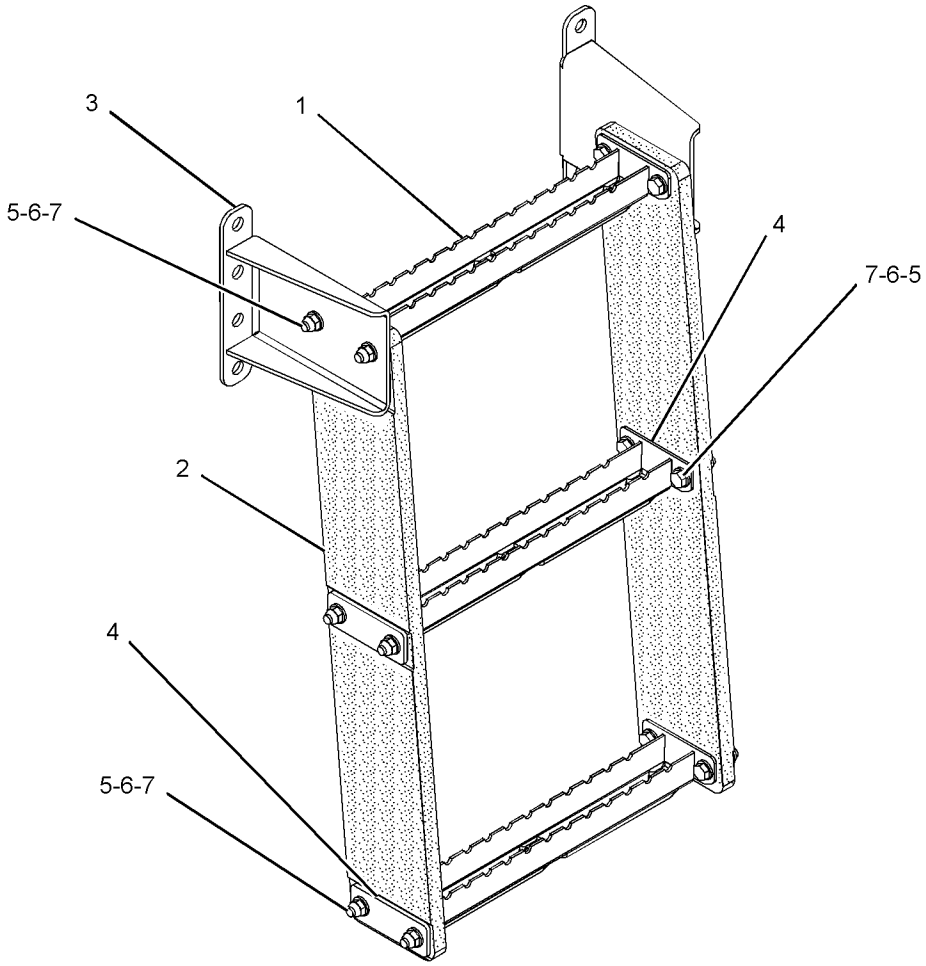
S/N: BTW215-UP

PART OF 219-7514 HANDRAIL & STEP GP

SMCS-7254 **i04210359**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**350-9567**	3	STEP	
	2	1	**355-2490**	2	SUPPORT-STEP (RUBBER)	
	3	1	**355-9578**	2	BRACKET	
	4	1	**356-6693**	4	PLATE	
M	5	1	**8T-0389**	12	LOCKNUT (M10X1.5-THD)	
	6	1	**8T-4121**	24	WASHER-HARD (11X21X2.5-MM THK)	
M	7	1	**8T-4182**	12	BOLT (M10X1.5X45-MM)	

M - METRIC PART



GRAPHIC #1 <END> g02548136

240-9104 SUPPRESSION AR-SOUND

S/N: BTW1-UP

PART OF 369-1862 ENGINE AR-COMPLETE, 369-9531 OPTION AR-MACHINE

SMCS-7261 **i02025582**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*241-1856*	1	FRAME AS-REAR (SOUND SUPPRESSION)	858
Y	*241-8653*	1	SHIELD GP-ENGINE COMPARTMENT	935
Y	*146-8360*	1	SUPPRESSION GP-SOUND (POWER TRAIN)	939
Y	*215-1953*	1	SUPPRESSION GP-SOUND (PLATFORM)	941
Y	*231-0760*	1	SUPPRESSION GP-SOUND (HOOD)	943
Y	*240-9107*	1	SUPPRESSION GP-SOUND (REAR FRAME)	945
	205-3239	1	FILM (EXTERIOR SOUND)	

Y - SEPARATE ILLUSTRATION

<END>

146-8360 SUPPRESSION GP-SOUND—POWER TRAIN

S/N: BTW1-UP

PART OF 240-9104 SUPPRESSION AR-SOUND

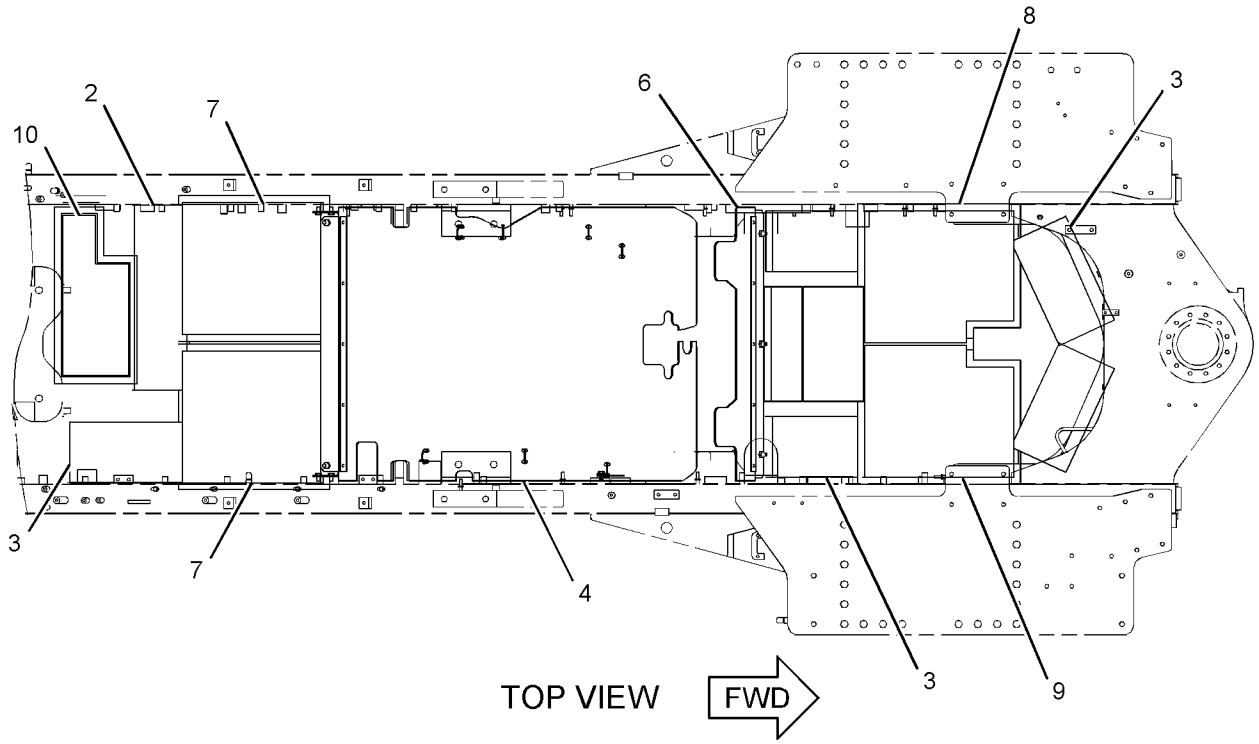
SMCS-7076, 7261

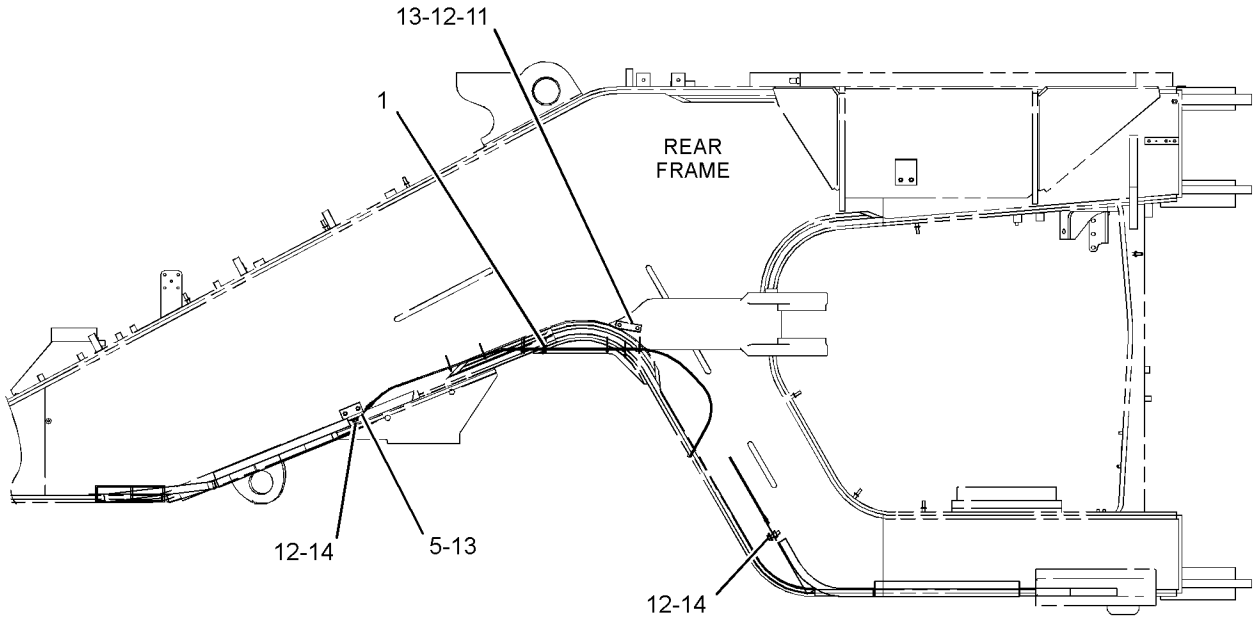
i02424131

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7K-1181**	7	STRAP-CABLE	
	2	1	**113-6979**	1	INSULATION	
	3	1	**130-3446**	7	INSULATION	
	4	1	**146-8361**	1	SHEET AS	
		1	**6B-4594**	10	RIVET	
M		1	**8T-3597**	2	NUT-WELD (M12X1.75-THD)	
	5	1	**146-8362**	2	BRACKET	
	6	1	**146-8363**	1	SHEET AS	
		1	**6B-4594**	10	RIVET	
M		1	**8T-3597**	2	NUT-WELD (M12X1.75-THD)	
	7	1	**208-7948**	2	INSULATION	
	8	1	**208-7949**	1	INSULATION	
	9	1	**208-7950**	1	INSULATION	
	10	1	**216-6326**	1	INSULATION	
	11	1	**102-0496**	1	PLATE	
	12	1	**5P-1076**	6	WASHER-HARD (13.5X30X4-MM THK)	
M	13	1	**8T-4179**	5	BOLT (M12X1.75X20-MM)	
M	14	1	**8T-4183**	5	BOLT (M12X1.75X40-MM)	

M - METRIC PART

146-8360 **SUPPRESSION GP-SOUND (**contd.**)** **i02424131**





RIGHT SIDE VIEW

GRAPHIC #1 <END> g01213700

215-1953 SUPPRESSION GP-SOUND–PLATFORM

S/N: BTW1-253

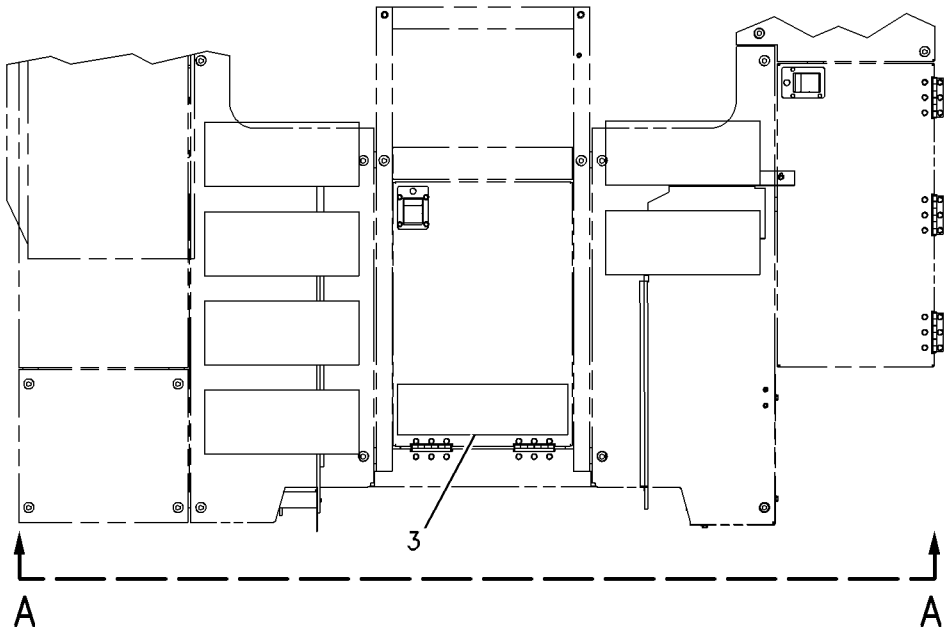
PART OF 240-9104 SUPPRESSION AR-SOUND

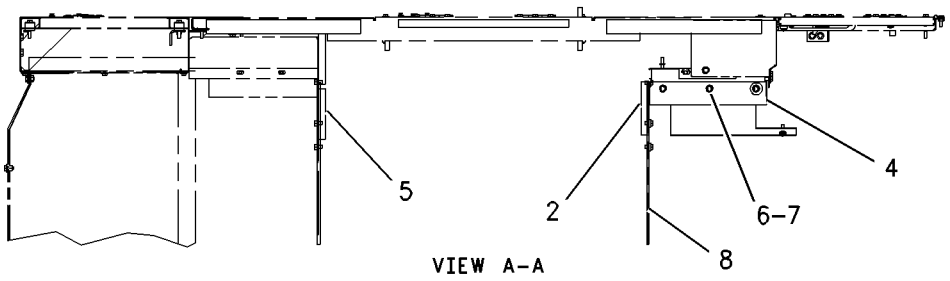
SMCS-7076, 7261

i01740578

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**108-7861**	6	INSULATION	
	2	1	**113-6979**	1	INSULATION	
	3	1	**130-3445**	1	INSULATION	
	4	1	**222-1818**	1	PLATE AS	
	5	1	**130-0980**	1	INSULATION	
	6	1	**7X-7729**	4	WASHER (11X25X3-MM THK)	
M	7	1	**8T-4196**	4	BOLT (M10X1.5X35-MM)	
BD	8	1	**5P-7211**		SEAL	

B - USE AS REQUIRED
D - ORDER BY THE METER
M - METRIC PART





VIEW A–A

GRAPHIC #1

<END>

g00899427

215-1953 SUPPRESSION GP-SOUND–PLATFORM

S/N: BTW254-UP

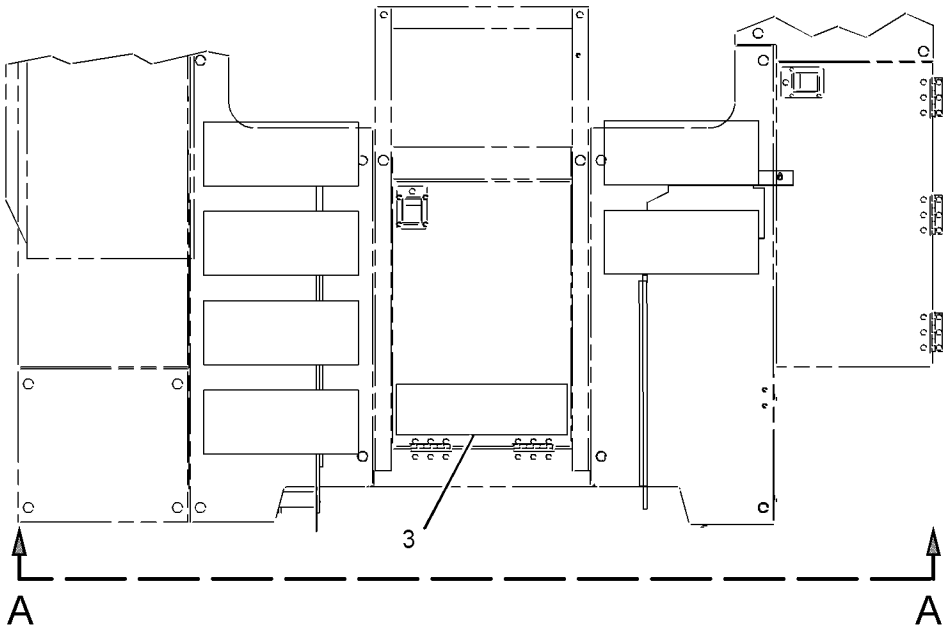
PART OF 240-9104 SUPPRESSION AR-SOUND

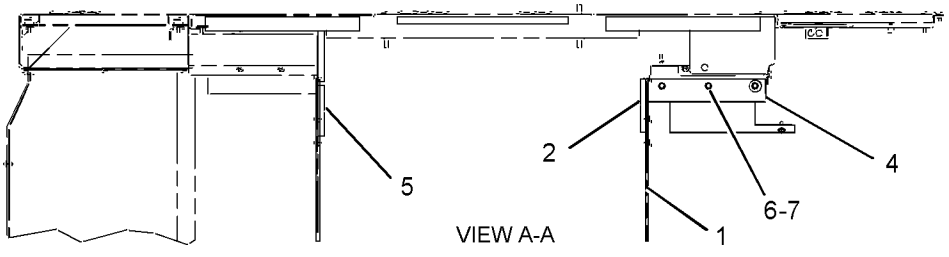
SMCS-7076, 7261

i05200598

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
BCD	1	1	**5P-7211**		SEAL (3.7-M)	
	2	1	**113-6979**	1	INSULATION	
	3	1	**130-3445**	1	INSULATION	
	4	1	**222-1818**	1	PLATE AS	
	5	1	**130-0980**	1	INSULATION	
	6	1	**7X-7729**	4	WASHER (11X25X3-MM THK)	
M	7	1	**8T-4196**	4	BOLT (M10X1.5X35-MM)	

B - USE AS REQUIRED
C - CHANGE FROM PREVIOUS TYPE
D - ORDER BY THE METER
M - METRIC PART





GRAPHIC #1

<END>

g03333273

231-0760 SUPPRESSION GP-SOUND–HOOD

S/N: BTW1-UP

PART OF 240-9104 SUPPRESSION AR-SOUND

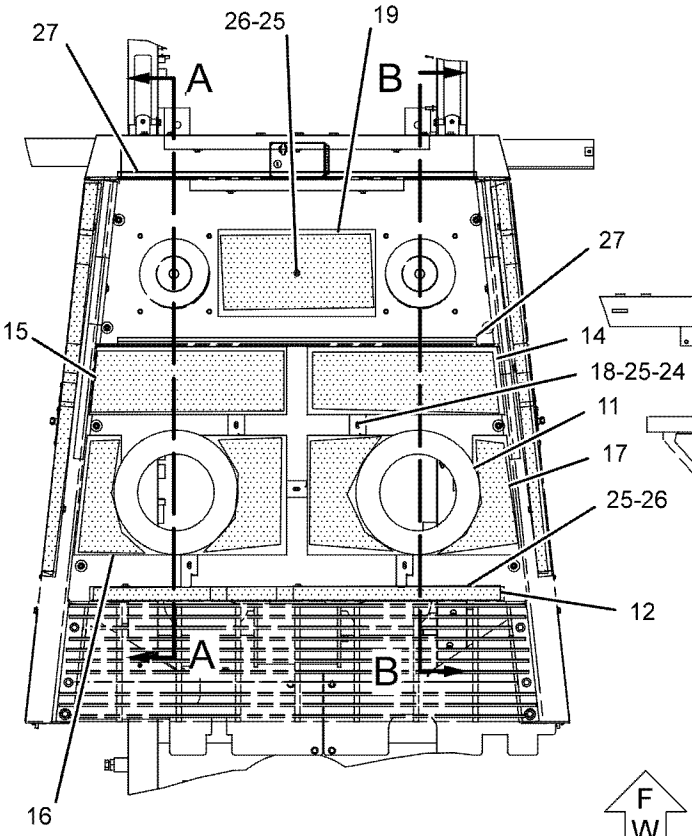
SMCS-7076, 7261

i02046110

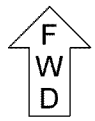
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**196-1395**	1	INSULATION (RH)	
	2	1	**196-1396**	1	INSULATION (RH)	
	3	1	**196-1397**	1	INSULATION (RH)	
	4	1	**196-1398**	1	INSULATION (RH)	
	5	1	**196-1399**	1	INSULATION (RH)	
	6	1	**196-1833**	1	INSULATION (LH)	
	7	1	**196-1834**	1	INSULATION (LH)	
	8	1	**196-1840**	1	INSULATION (LH)	
	9	1	**196-1841**	1	INSULATION (LH)	
	10	1	**196-1843**	1	INSULATION (LH)	
	11	1	**196-2310**	2	BAFFLE	
	12	1	**196-7363**	1	INSULATION	
	13	1	**213-1404**	1	INSULATION (RH)	
	14	1	**231-0756**	1	INSULATION	
	15	1	**231-0757**	1	INSULATION	
	16	1	**231-0758**	1	INSULATION	
	17	1	**231-0759**	1	INSULATION	
	18	1	**231-0761**	5	BRACKET	
	19	1	**231-0762**	1	INSULATION	
	20	1	**231-0763**	1	INSULATION	
	21	1	**231-0765**	1	INSULATION	
	22	1	**231-0766**	1	INSULATION	
	23	1	**231-0767**	1	INSULATION	
	24	1	**7X-7729**	5	WASHER (11X25X3-MM THK)	
M	25	1	**8T-4137**	28	BOLT (M10X1.5X20-MM)	
	26	1	**8T-4222**	23	WASHER-PLATED (11X32X2.5-MM THK)	
D	27	1	**5P-7483**		SEAL (1.3M)	

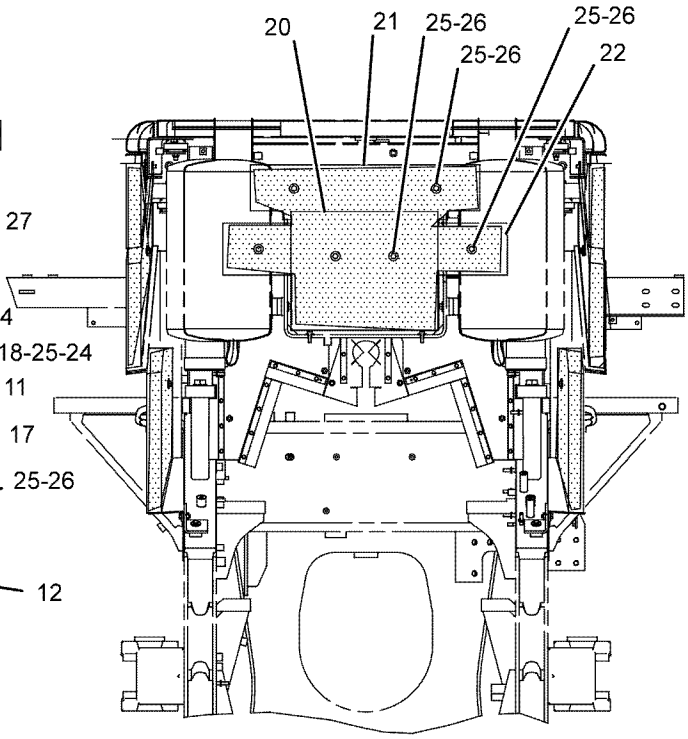
D - ORDER BY THE METER
M - METRIC PART

231-0760 **SUPPRESSION GP-SOUND (**contd.**)** **i02046110**

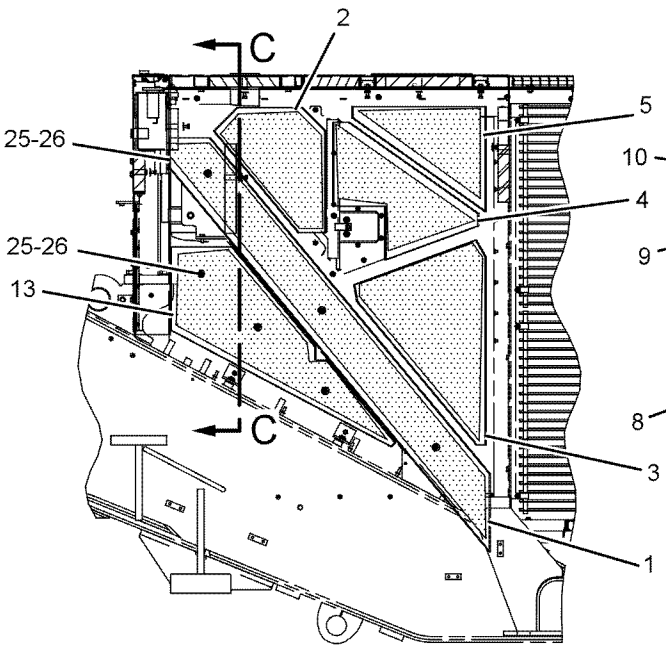


TOP VIEW

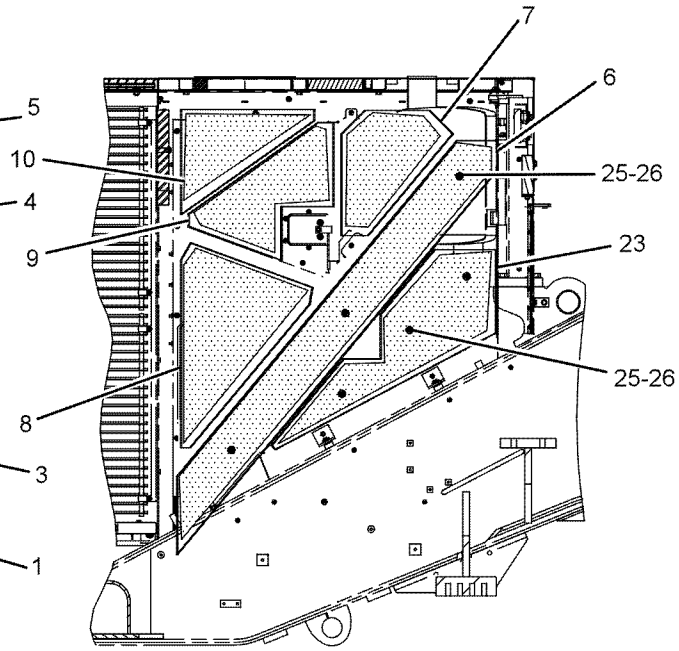




SECTION C-C



SECTION B-B



SECTION A-A

GRAPHIC #1 <END> g01050652

240-9107 SUPPRESSION GP-SOUND—REAR FRAME

S/N: BTW1-UP

PART OF 240-9104 SUPPRESSION AR-SOUND

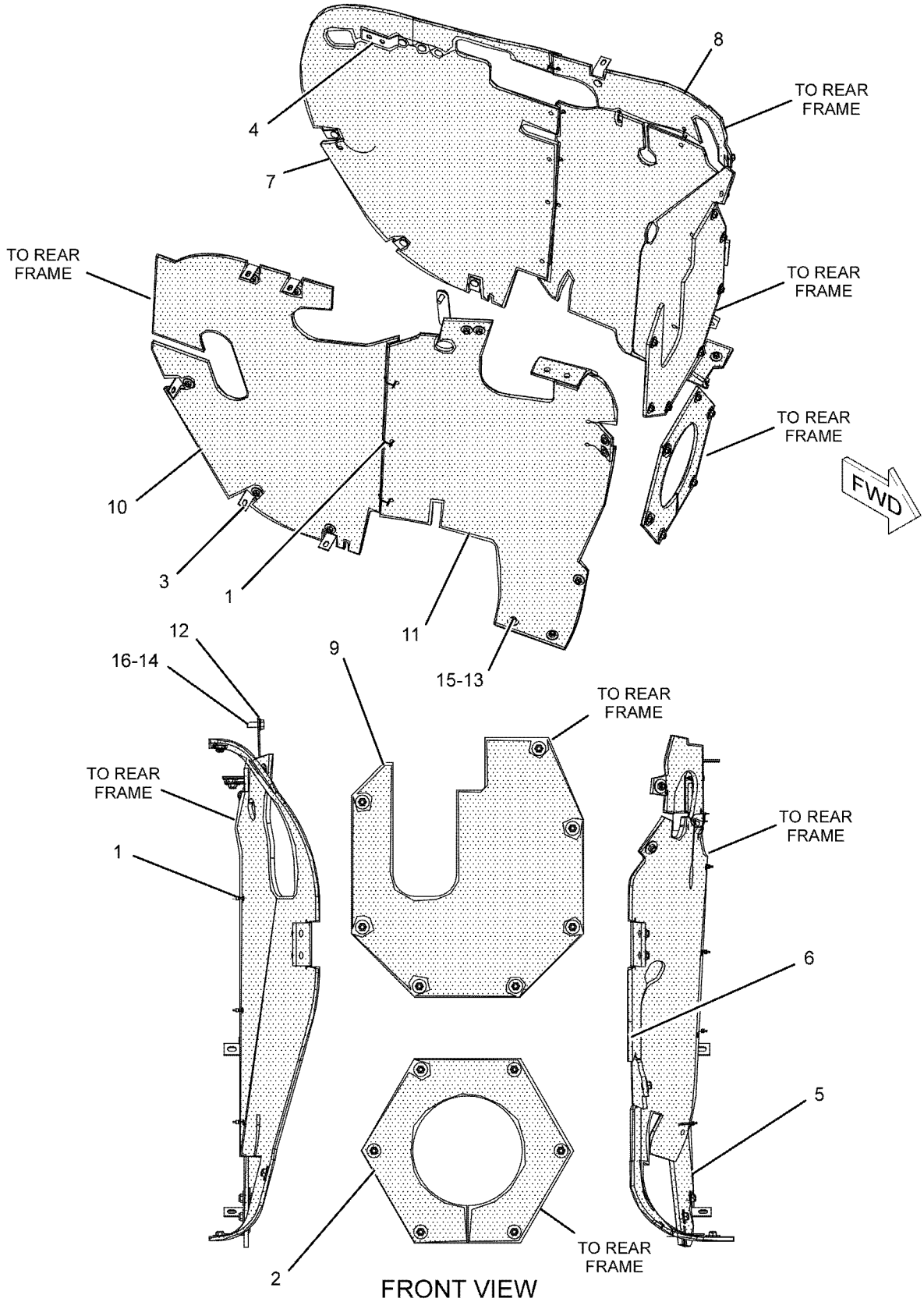
SMCS-7076, 7261

i02046141

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7K-1181**	11	STRAP-CABLE	
	2	1	**150-7091**	1	SHEET	
	3	1	**150-8991**	9	BRACKET AS	
M		1	**8T-5413**	1	STUD-WELD (M10X1.5X25-MM)	
	4	1	**150-8992**	1	BRACKET AS	
M		1	**8T-5413**	3	STUD-WELD (M10X1.5X25-MM)	
	5	1	**240-9108**	1	SHEET	
	6	1	**240-9109**	1	SHEET	
	7	1	**241-1857**	1	SHEET	
	8	1	**241-1858**	1	SHEET	
	9	1	**241-1859**	1	SHEET	
	10	1	**241-1860**	1	SHEET	
	11	1	**241-1861**	1	SHEET	
	12	1	**241-4878**	1	BRACKET AS	
M		1	**8T-5413**	2	STUD-WELD (M10X1.5X25-MM)	
M	13	1	**6V-7744**	43	LOCKNUT (M10X1.5-THD)	
M	14	1	**8T-4139**	1	BOLT (M12X1.75X30-MM)	
	15	1	**8T-4222**	43	WASHER-PLATED (11X32X2.5-MM THK)	
	16	1	**8T-4223**	1	WASHER-HARD (13.5X25.5X3-MM THK)	

M - METRIC PART

240-9107 **SUPPRESSION GP-SOUND (**contd.**)** **i02046141**



FRONT VIEW

GRAPHIC #1 <END> g01050735

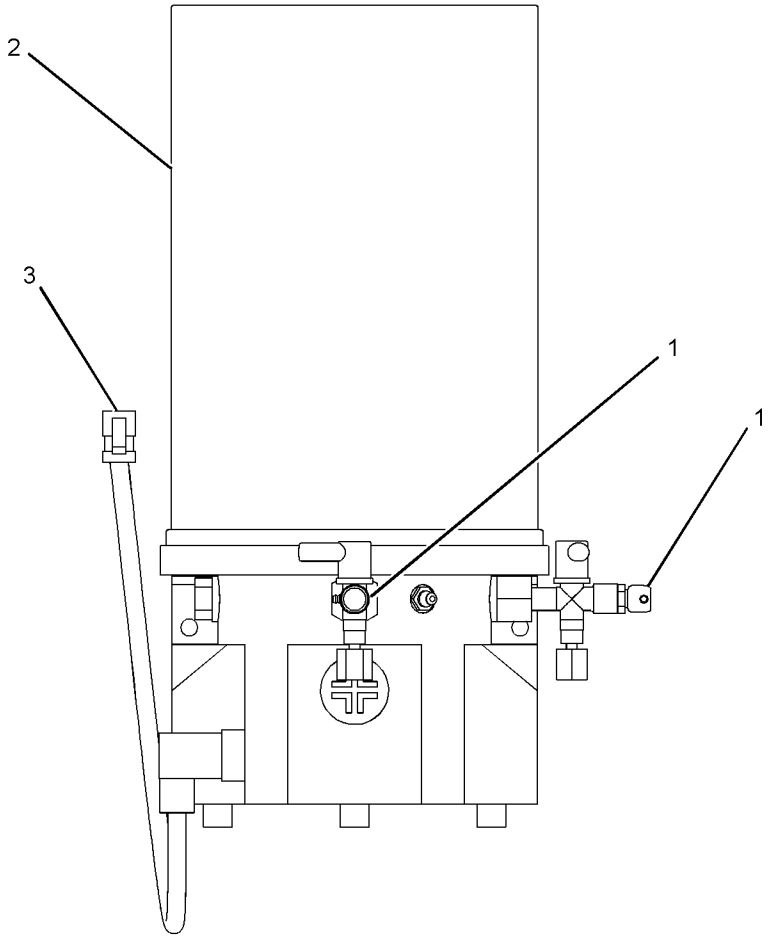
219-5012 TANK GP-GREASE–CUSTOM

S/N: BTW1-UP

PART OF 219-5006 LINES GP-AUTOMATIC LUBRICATION

SMCS-7540 **i04002824**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**157-2017**	2	VALVE AS-RELIEF (GREASE PRESSURE)	
	2	1	**189-8069**	1	TANK GP-GREASE	
	3	1	**155-2260**	1	KIT-CONNECTING PLUG (3-PIN)	
					(INCLUDES PLUG AS & WEDGE)	



GRAPHIC #1 <END> g01175609

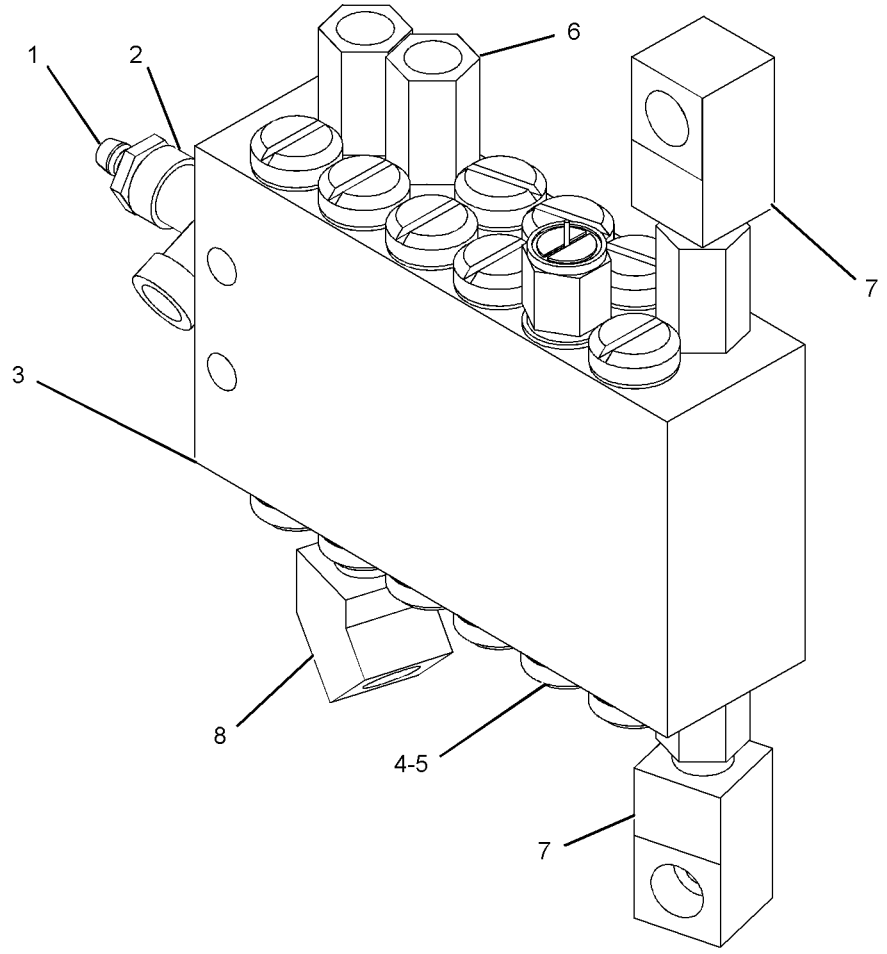
219-5009 VALVE GP-LUBE DISTRIBUTION–CUSTOM

S/N: BTW1-UP

PART OF 219-5008 LINES GP-LUBRICATION

SMCS-7540 **i02109695**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3B-8489**	1	FITTING-GREASE (1/8-27 PTF)	
	2	1	**5P-3422**	1	TEE-PIPE	
	3	1	**171-8868**	1	VALVE AS-LUBE DISTRIBUTION	
	4	1	**171-8869**	7	GASKET	
	5	1	**171-8870**	7	PLUG	
	6	1	**155-2478**	5	ADAPTER	
	7	1	**4M-8973**	2	ELBOW	
	8	1	**8L-5008**	1	ELBOW-PIPE	



GRAPHIC #1 <END> g01074478

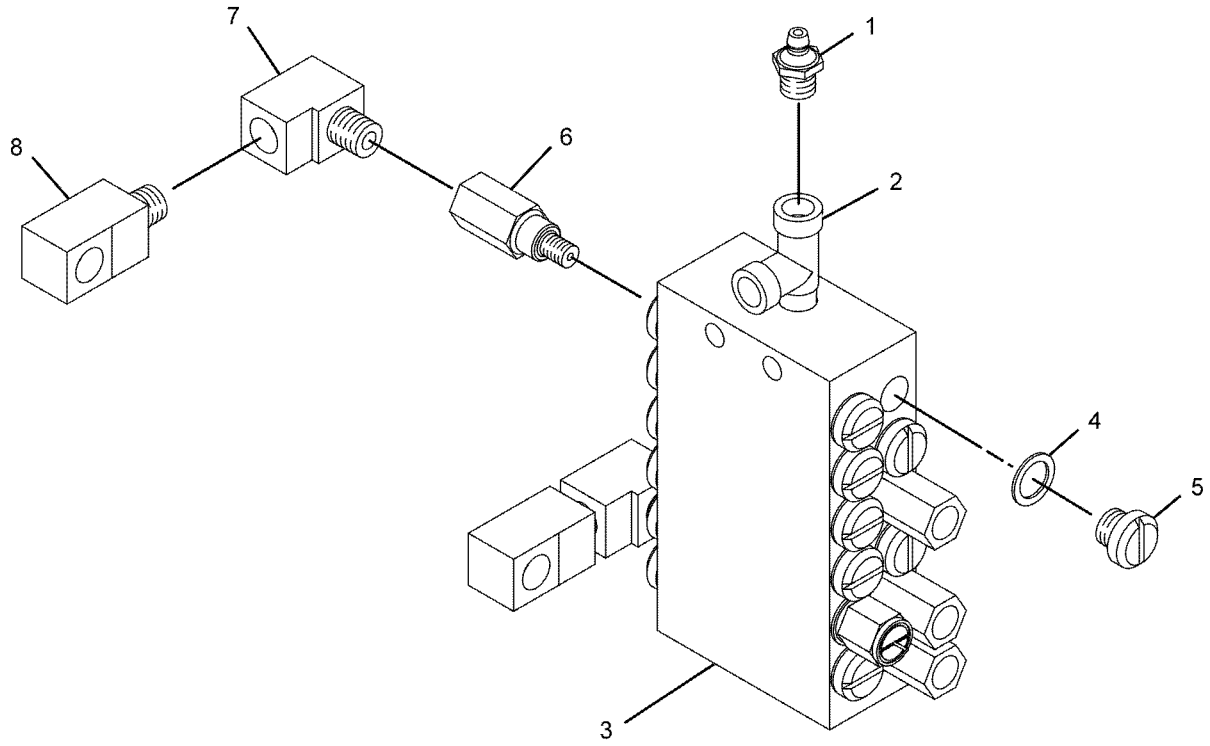
219-5011 VALVE GP-LUBE DISTRIBUTION–CUSTOM

S/N: BTW1-UP

PART OF 219-5007 LINES GP-LUBRICATION

SMCS-7540 **i04556864**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3B-8489**	1	FITTING-GREASE (1/8-27 PTF)	
	2	1	**5P-3422**	1	TEE-PIPE	
	3	1	**171-8868**	1	VALVE AS-LUBE DISTRIBUTION	
	4	1	**118-6050**	7	WASHER-COPPER (10X14X1-MM THK)	
	5	1	**171-8870**	7	PLUG	
	6	1	**155-2478**	5	ADAPTER	
	7	1	**3B-6552**	2	ELBOW-PIPE	
	8	1	**4M-8973**	2	ELBOW	



GRAPHIC #1 <END> g01074022

239-3903 WALKWAY GP

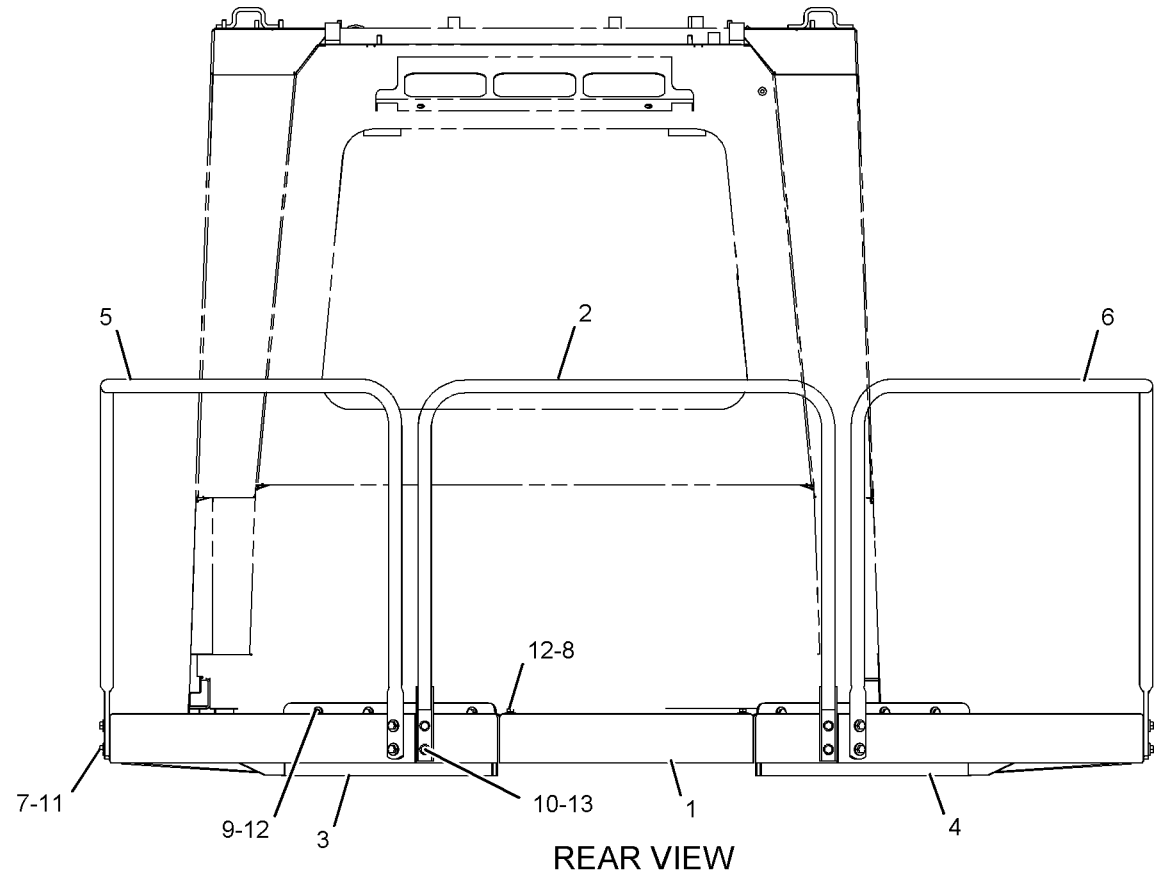
S/N: BTW1-153

PART OF 230-3275 CHASSIS AR

SMCS-7255 **i02021199**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**237-7952**	1	SHEET AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	2	1	**237-7955**	1	HANDRAIL AS	
	3	1	**239-3904**	1	PLATFORM AS	
M		1	**8T-3490**	5	NUT-WELD (M10X1.5-THD)	
M		1	**8T-3597**	6	NUT-WELD (M12X1.75-THD)	
	4	1	**239-3905**	1	PLATFORM AS	
M		1	**8T-3490**	5	NUT-WELD (M10X1.5-THD)	
M		1	**8T-3597**	6	NUT-WELD (M12X1.75-THD)	
	5	1	**239-3912**	1	HANDRAIL (RH)	
	6	1	**239-3932**	1	HANDRAIL (LH)	
	7	1	**5P-1076**	8	WASHER-HARD (13.5X30X4-MM THK)	
	8	1	**7X-7729**	8	WASHER (11X25X3-MM THK)	
	9	1	**8T-2561**	8	WASHER-HARD (10.5X28.5X5-MM THK)	
M	10	1	**8T-4139**	4	BOLT (M12X1.75X30-MM)	
M	11	1	**8T-4183**	8	BOLT (M12X1.75X40-MM)	
M	12	1	**8T-4195**	16	BOLT (M10X1.5X30-MM)	
	13	1	**8T-4223**	4	WASHER-HARD (13.5X25.5X3-MM THK)	

M - METRIC PART



GRAPHIC #1 <END> g01049111

239-3903 WALKWAY GP

S/N: BTW154-165

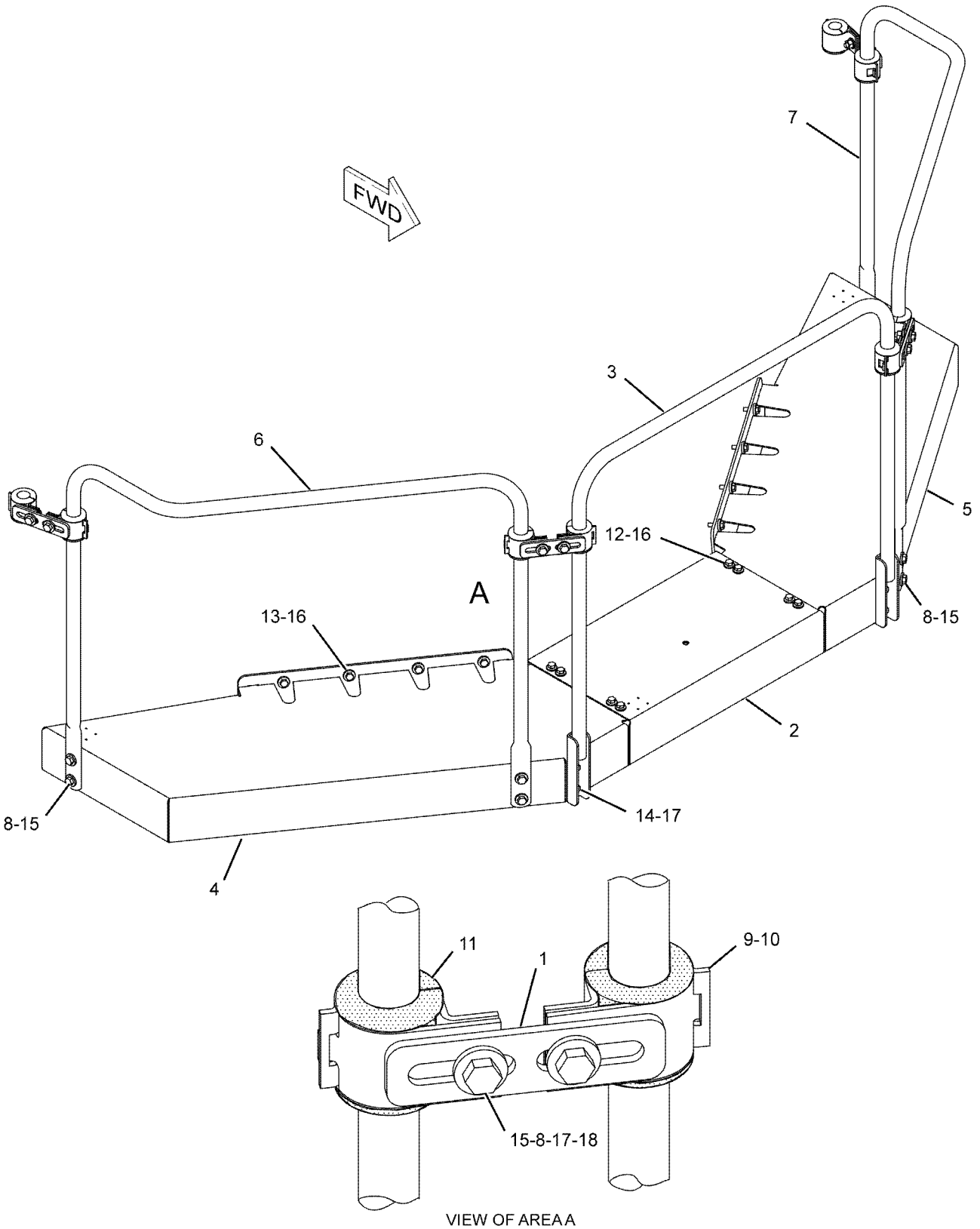
PART OF 230-3275 CHASSIS AR

SMCS-7255 **i02171193**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	**115-3580**	4	PLATE	
	2	1	**237-7952**	1	SHEET AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	3	1	**237-7955**	1	HANDRAIL AS	
C	4	1	**250-4912**	1	PLATFORM AS (RH)	
		1	**149-2052**	1	PLATE AS	
M		1	**8T-3490**	4	NUT-WELD (M10X1.5-THD)	
M		1	**8T-3597**	4	NUT-WELD (M12X1.75-THD)	
C	5	1	**250-4913**	1	PLATFORM AS (LH)	
		1	**149-2052**	1	PLATE AS	
M		1	**8T-3490**	4	NUT-WELD (M10X1.5-THD)	
M		1	**8T-3597**	4	NUT-WELD (M12X1.75-THD)	
C	6	1	**250-4916**	1	HANDRAIL (RH)	
C	7	1	**250-4917**	1	HANDRAIL (LH)	
C	8	1	**5P-1076**	16	WASHER-HARD (13.5X30X4-MM THK)	
C	9	1	**5P-7468**	8	CLIP (SLOT)	
C	10	1	**5P-7469**	8	CLIP (TAB)	
C	11	1	**6V-1874**	8	GROMMET (31-MM ID)	
	12	1	**7X-7729**	8	WASHER (11X25X3-MM THK)	
	13	1	**8T-2561**	8	WASHER-HARD (10.5X28.5X5-MM THK)	
M	14	1	**8T-4139**	4	BOLT (M12X1.75X30-MM)	
CM	15	1	**8T-4183**	16	BOLT (M12X1.75X40-MM)	
M	16	1	**8T-4195**	16	BOLT (M10X1.5X30-MM)	
C	17	1	**8T-4223**	12	WASHER-HARD (13.5X25.5X3-MM THK)	
CM	18	1	**8T-4244**	8	NUT (M12X1.75-THD)	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART

239-3903 **WALKWAY GP** (contd.) **i02171193**



VIEW OF AREA A

GRAPHIC #1 <END> g01101539

239-3903 WALKWAY GP

S/N: BTW166-183

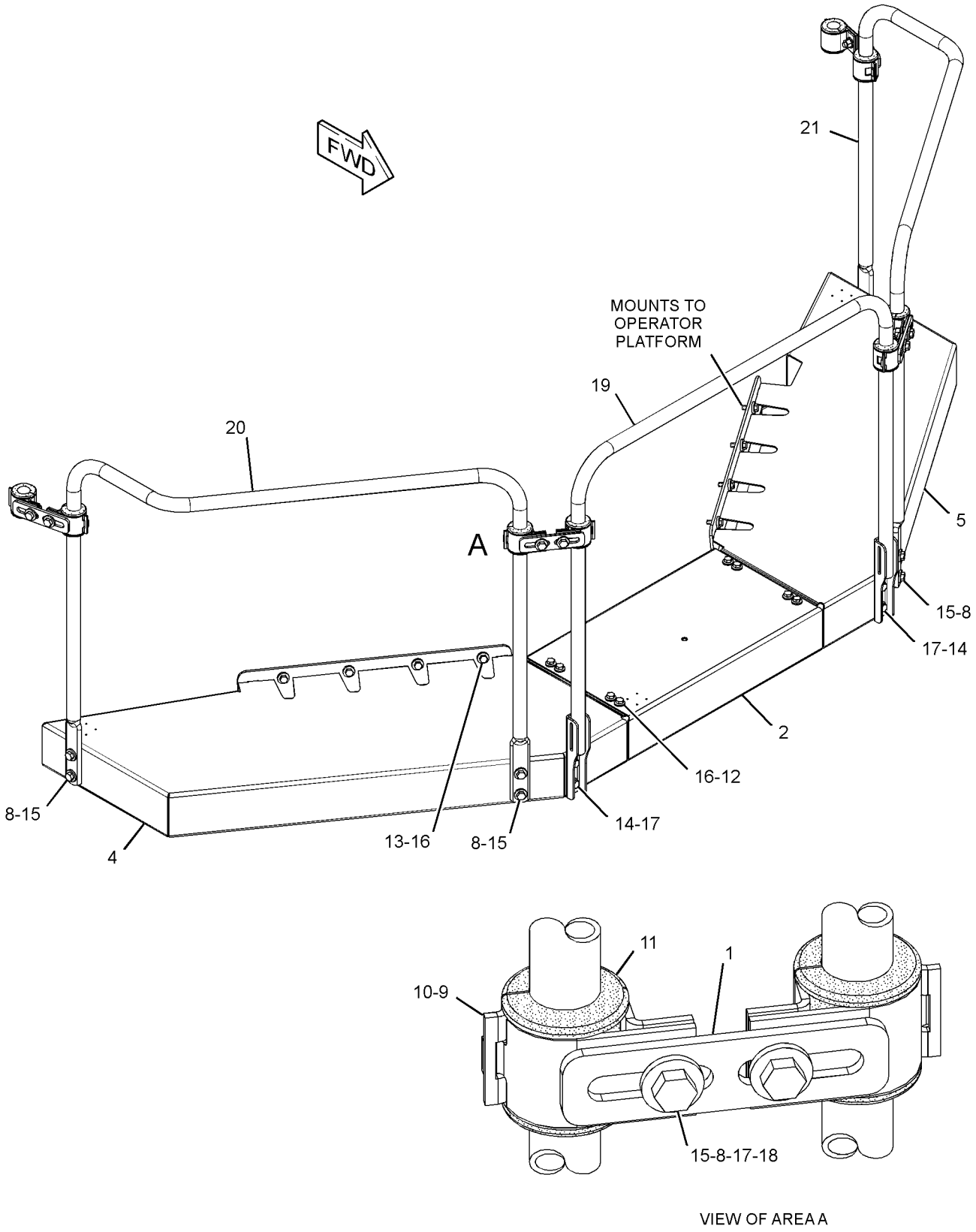
PART OF 230-3275 CHASSIS AR

SMCS-7255 **i02779393**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**115-3580**	4	PLATE	
	2	1	**237-7952**	1	SHEET AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	4	1	**250-4912**	1	PLATFORM AS (RH)	
		1	**149-2052**	1	PLATE AS	
M		1	**8T-3490**	4	NUT-WELD (M10X1.5-THD)	
M		1	**8T-3597**	4	NUT-WELD (M12X1.75-THD)	
	5	1	**250-4913**	1	PLATFORM AS (LH)	
		1	**149-2052**	1	PLATE AS	
M		1	**8T-3490**	4	NUT-WELD (M10X1.5-THD)	
M		1	**8T-3597**	4	NUT-WELD (M12X1.75-THD)	
	8	1	**5P-1076**	16	WASHER-HARD (13.5X30X4-MM THK)	
	9	1	**5P-7468**	8	CLIP (SLOT)	
	10	1	**5P-7469**	8	CLIP (TAB)	
	11	1	**6V-1874**	8	GROMMET (31-MM ID)	
	12	1	**7X-7729**	8	WASHER (11X25X3-MM THK)	
	13	1	**8T-2561**	8	WASHER-HARD (10.5X28.5X5-MM THK)	
M	14	1	**8T-4139**	4	BOLT (M12X1.75X30-MM)	
M	15	1	**8T-4183**	16	BOLT (M12X1.75X40-MM)	
M	16	1	**8T-4195**	16	BOLT (M10X1.5X30-MM)	
	17	1	**8T-4223**	12	WASHER-HARD (13.5X25.5X3-MM THK)	
M	18	1	**8T-4244**	8	NUT (M12X1.75-THD)	
C	19	1	**299-2430**	1	HANDRAIL AS	
C	20	1	**299-7072**	1	HANDRAIL (RH)	
C	21	1	**299-7073**	1	HANDRAIL (LH)	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART

239-3903 **WALKWAY GP (**contd.**)** **i02779393**



VIEW OF AREA A

GRAPHIC #1 <END> g01407891

239-3903 WALKWAY GP

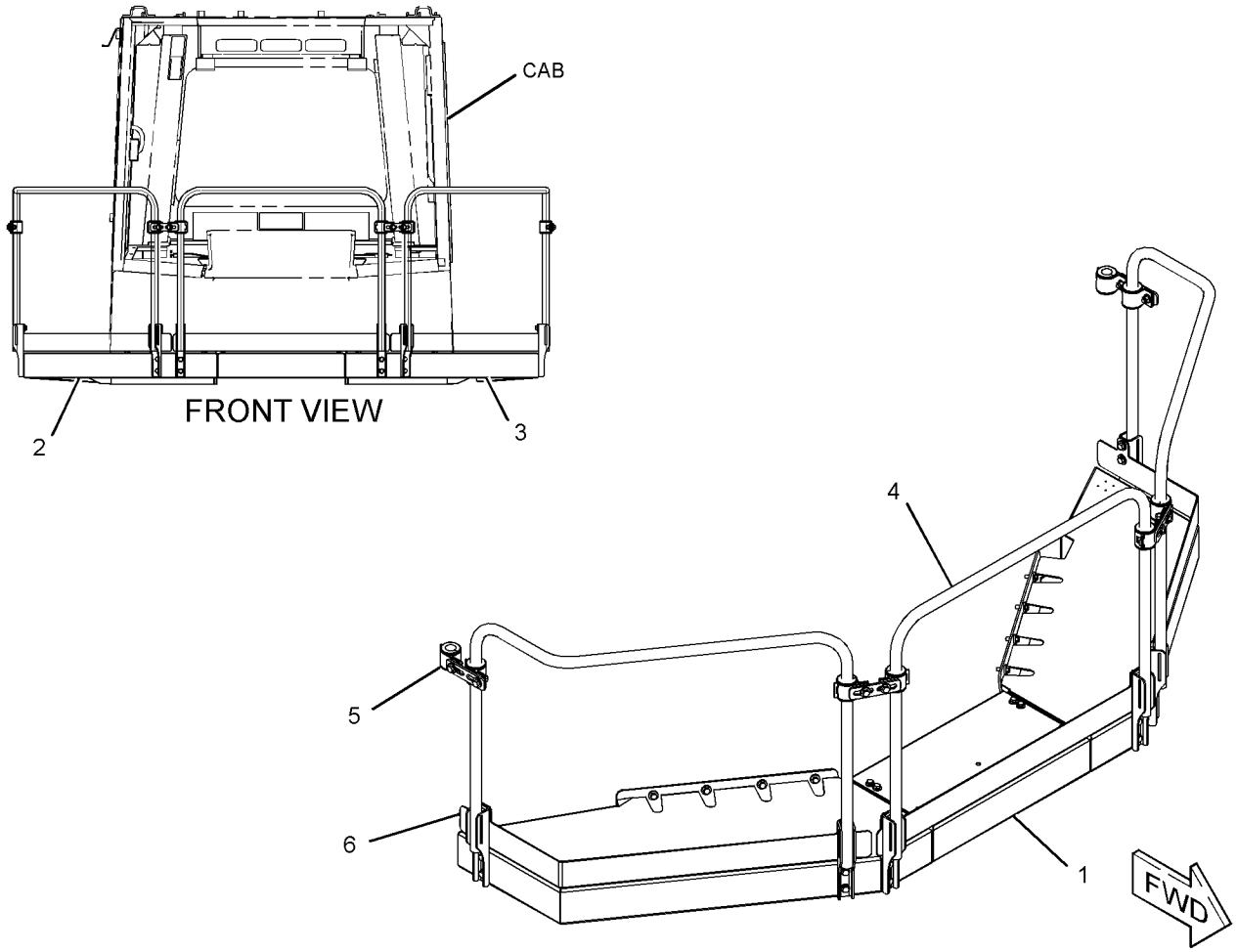
S/N: BTW184-UP

PART OF 230-3275 CHASSIS AR

SMCS-7255 **i03538441**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**237-7952**	1	SHEET AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	2	1	**250-4912**	1	PLATFORM AS (RH)	
M		1	**8T-3490**	4	NUT-WELD (M10X1.5-THD)	
M		1	**8T-3597**	4	NUT-WELD (M12X1.75-THD)	
		1	**149-2052**	1	PLATE AS	
M		1	**8T-3597**	2	NUT-WELD (M12X1.75-THD)	
	3	1	**250-4913**	1	PLATFORM AS (LH)	
M		1	**8T-3490**	4	NUT-WELD (M10X1.5-THD)	
M		1	**8T-3597**	4	NUT-WELD (M12X1.75-THD)	
		1	**149-2052**	1	PLATE AS	
M		1	**8T-3597**	2	NUT-WELD (M12X1.75-THD)	
CY	4	1	*325-7395*	1	HANDRAIL GP	888
CY	5	1	*325-7397*	1	FASTENER GP-WALKWAY	823
CY	6	1	*325-7398*	1	GUARD GP-PLATFORM	864

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g01935217

219-2949 ACCUMULATOR GP-BRAKE–CHARGED

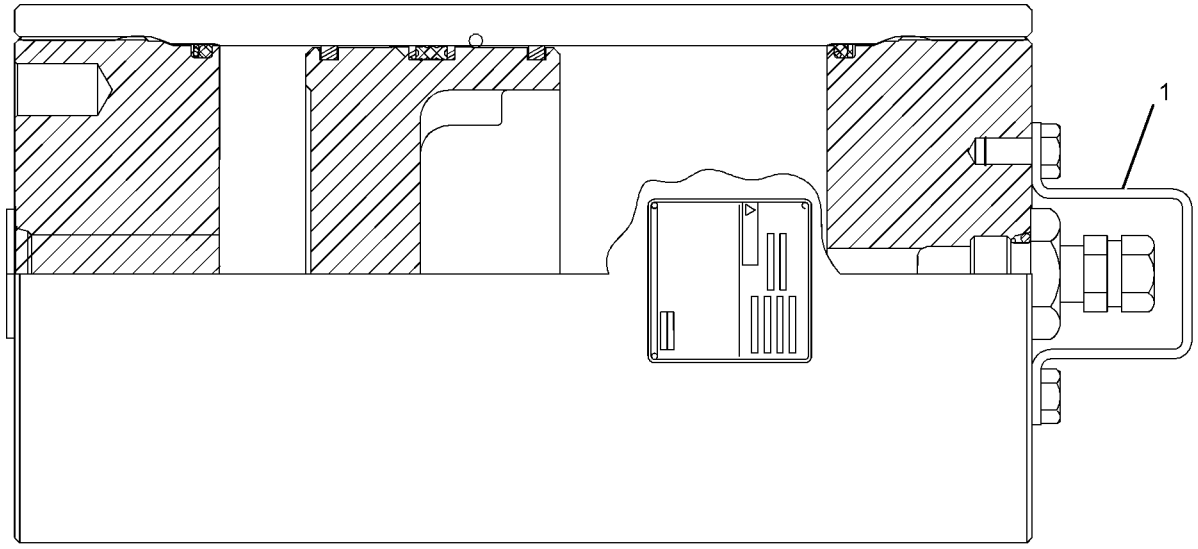
S/N: BTW1-185

FIELD REPLACEMENT ORDER 219-8066–PAGE: 957

PART OF 235-0640 LINES GP-SERVICE BRAKE

SMCS-4263 **i06290418**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**158-2306**	1	VALVE-GAS	
					AVAILABLE REPAIR KIT(S):	
			170-0494	1	KIT-SEAL (BRAKE ACCUMULATOR)	
					(INCLUDES RINGS & SEALS)	



GRAPHIC #1 <END> g01050133

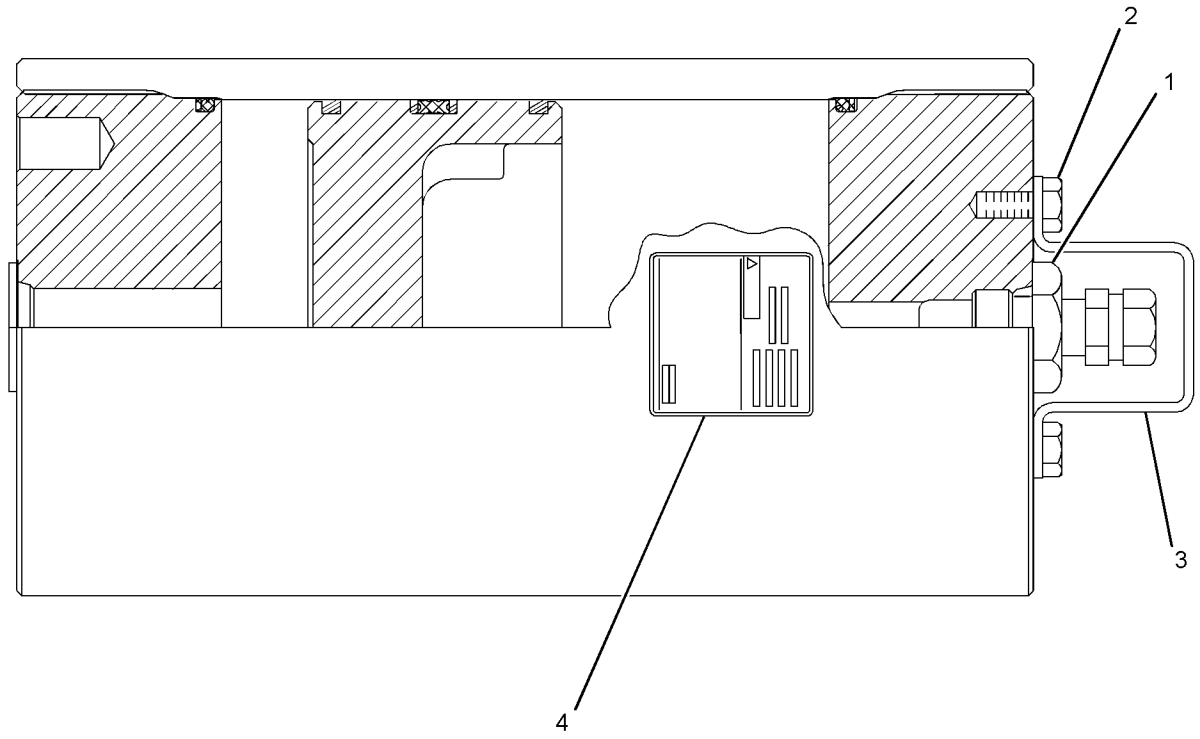
219-8066 ACCUMULATOR GP-BRAKE—UNCHARGED

S/N: BTW1-UP

FIELD REPLACEMENT FOR 219-2949—PAGE: 956

SMCS-4263 **i06290490**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**222-2367**	1	VALVE GP-ACCUMULATOR CHARGING	
		1	**190-3850**	1	CORE	
	2	1	**5M-3062**	2	BOLT (3/8-16X0.75-IN)	
	3	1	**111-9110**	1	PROTECTOR-GAS VALVE	
	4	1	**241-0037**	1	FILM-INFORMATION (HYDRAULIC ACCUMULATOR)	
					AVAILABLE REPAIR KIT(S):	
			170-0494	1	KIT-SEAL (BRAKE ACCUMULATOR)	
					(INCLUDES RINGS & SEALS)	



GRAPHIC #1 <END> g01852474

220-2718 ACCUMULATOR GP-BRAKE–CHARGED

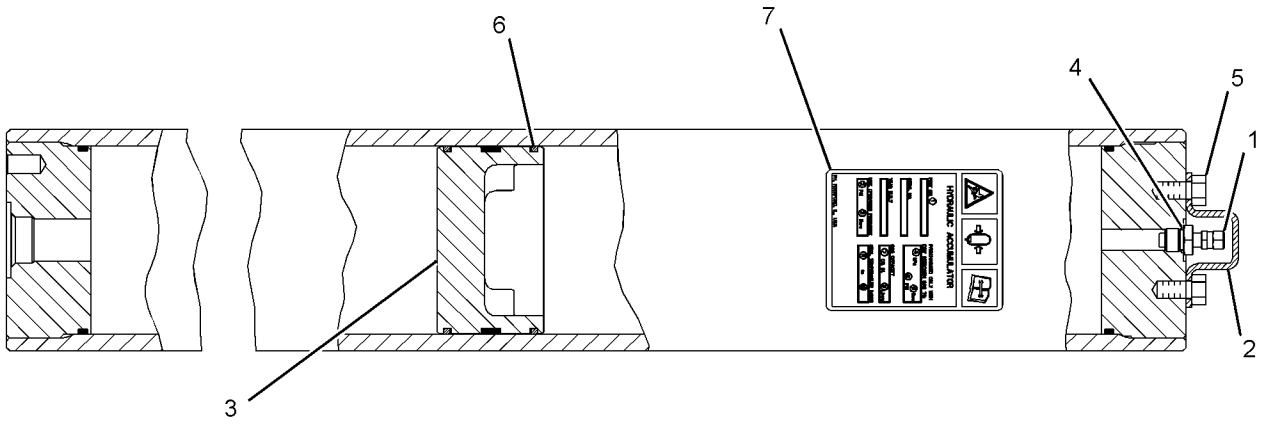
S/N: BTW186-255

FIELD REPLACEMENT ORDER 220-2719–PAGE: 960

PART OF 235-0640 LINES GP-SERVICE BRAKE

SMCS-4263 **i03463043**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**069-2535**	1	VALVE-GAS	
	2	1	**111-9110**	1	PROTECTOR-GAS VALVE	
	3	1	**135-7123**	1	PISTON	
	4	1	**1J-9671**	1	SEAL-O-RING	
	5	1	**5M-3062**	2	BOLT (3/8-16X0.75-IN)	
	6	1	**170-0493**	1	KIT-SEAL (HYDRAULIC ACCUMULATOR)	
					(INCLUDES SEAL-O-RINGS, BACKUP WASHERS, PISTON RINGS & PISTON SEAL)	
	7	1	**241-0037**	1	FILM-INFORMATION (HYDRAULIC ACCUMULATOR)	



GRAPHIC #1 <END> g01830655

220-2718 ACCUMULATOR GP-BRAKE–CHARGED

S/N: BTW256-UP

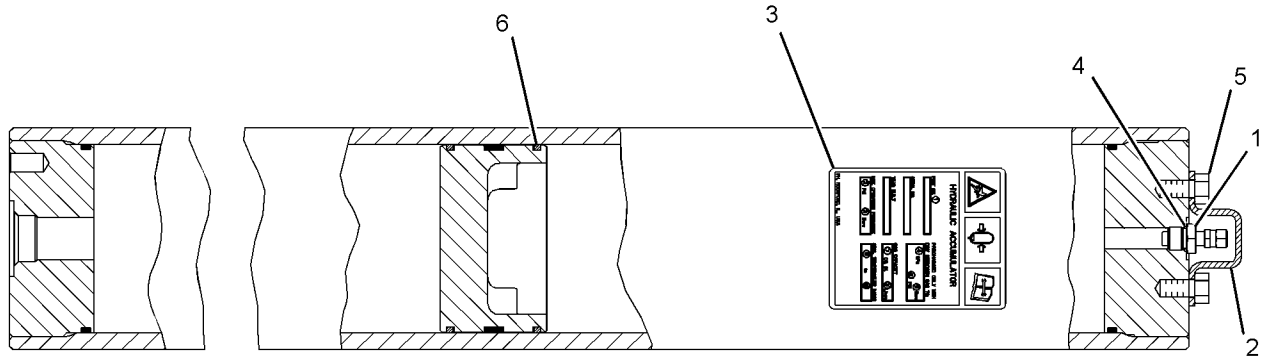
FIELD REPLACEMENT ORDER 220-2719–PAGE: 960

PART OF 235-0640 LINES GP-SERVICE BRAKE

SMCS-4263 **i05424498**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	**222-2367**	1	VALVE GP-ACCUMULATOR CHARGING (BRAKE)	
		1	**190-3850**	1	CORE	
	2	1	**111-9110**	1	PROTECTOR-GAS VALVE	
	3	1	**241-0037**	1	FILM-INFORMATION (HYDRAULIC ACCUMULATOR)	
	4	1	**1J-9671**	1	SEAL-O-RING	
	5	1	**5M-3062**	2	BOLT (3/8-16X0.75-IN)	
	6	1	**170-0493**	1	KIT-SEAL (HYDRAULIC ACCUMULATOR)	
					(INCLUDES SEAL-O-RINGS, BACKUP WASHERS, PISTON RINGS & PISTON SEAL)	

C - CHANGE FROM PREVIOUS TYPE



GRAPHIC #1 <END> g03666047

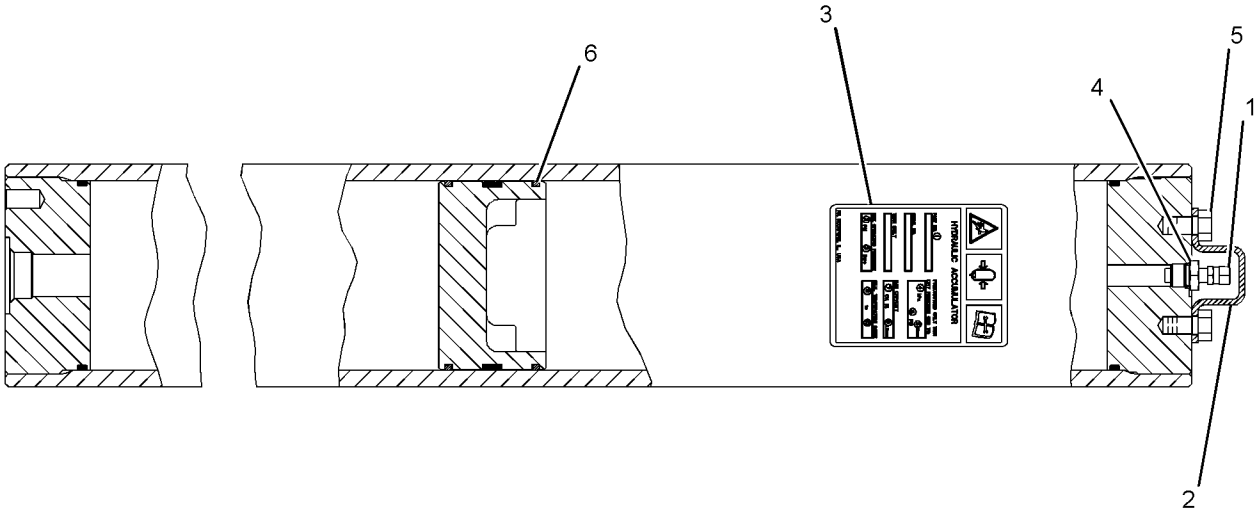
220-2719 ACCUMULATOR GP-BRAKE—UNCHARGED

S/N: BTW186-UP

FIELD REPLACEMENT FOR 220-2718 ACCUMULATOR GP-BRAKE

SMCS-4263 **i05919510**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**222-2367**	1	VALVE GP-ACCUMULATOR CHARGING	
		1	**190-3850**	1	CORE	
	2	1	**111-9110**	1	PROTECTOR-GAS VALVE	
	3	1	**241-0037**	1	FILM-INFORMATION (HYDRAULIC ACCUMULATOR)	
	4	1	**1J-9671**	1	SEAL-O-RING	
	5	1	**5M-3062**	2	BOLT (3/8-16X0.75-IN)	
	6	1	**170-0493**	1	KIT-SEAL (HYDRAULIC ACCUMULATOR)	
					(INCLUDES SEAL-O-RINGS, BACKUP WASHERS, PISTON RINGS & PISTON SEAL)	



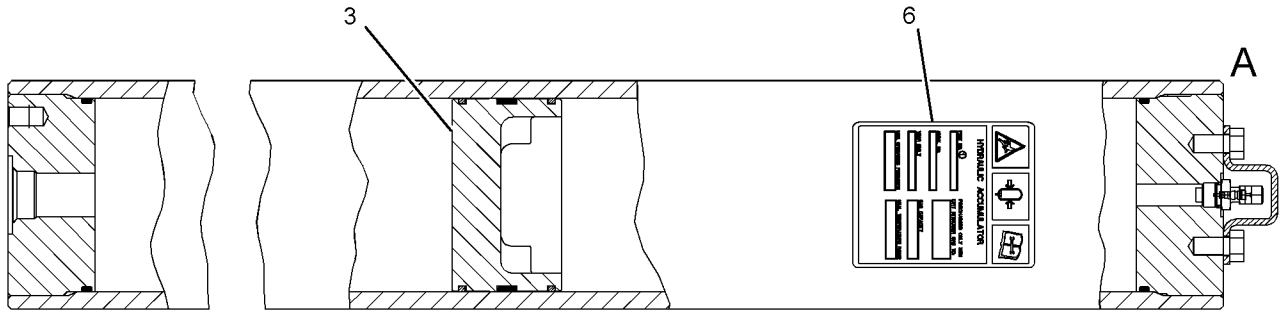
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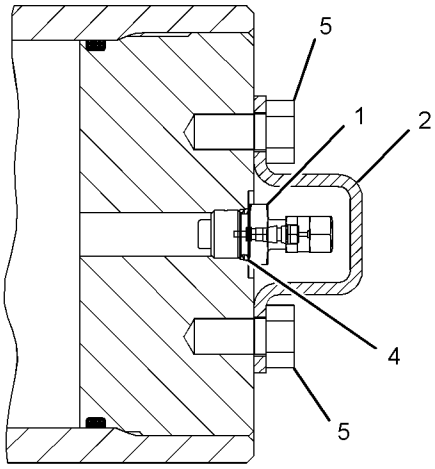
350-5572 ACCUMULATOR GP-BRAKE–CHARGED

S/N: BTW1-UP
FIELD REPLACEMENT ORDER 356-1972–PAGE: 963
PART OF 353-4296, 357-2000 CONVERSION AR-MACHINE
TYPE 1

SMCS-4263 **i04411610**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**069-2535**	1	VALVE-GAS	
	2	1	**111-9110**	1	PROTECTOR-GAS VALVE	
	3	1	**135-7123**	1	PISTON	
	4	1	**1J-9671**	1	SEAL-O-RING	
	5	1	**5M-3062**	2	BOLT (3/8-16X0.75-IN)	
	6	1	**241-0037**	1	FILM-INFORMATION (HYDRAULIC ACCUMULATOR)	
					AVAILABLE REPAIR KIT(S):	
			170-0493	1	KIT-SEAL (HYDRAULIC ACCUMULATOR)	
					(KIT INCLUDES ALL SEALS)	





VIEW OF AREA A

GRAPHIC #1 <END> g02192054

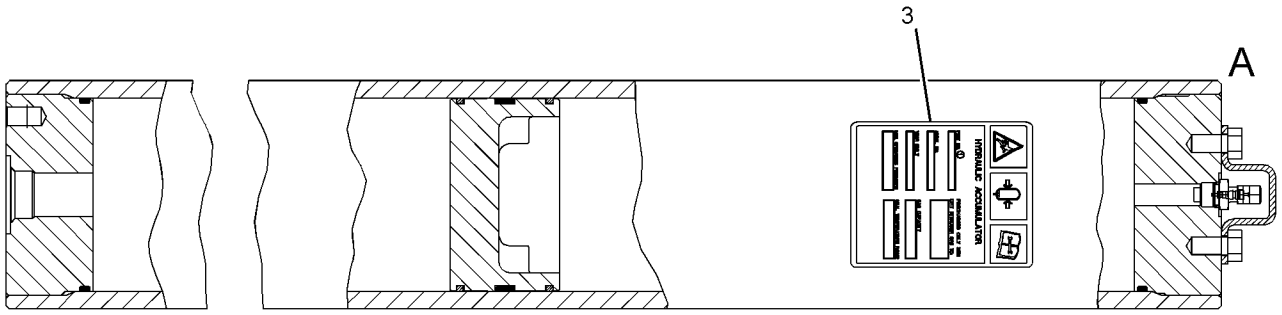
350-5572 ACCUMULATOR GP-BRAKE–CHARGED

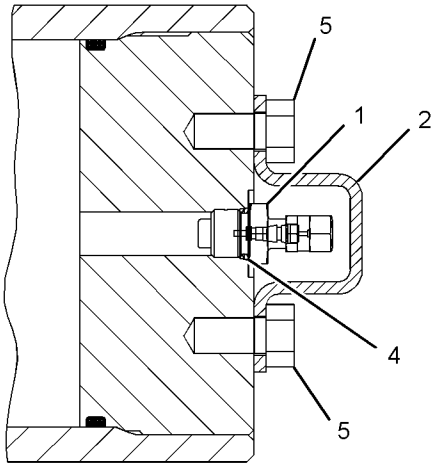
S/N: BTW1-UP
FIELD REPLACEMENT ORDER 356-1972–PAGE: 963
PART OF 353-4296, 357-2000 CONVERSION AR-MACHINE
TYPE 2

SMCS-4263 **i06051663**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	**222-2367**	1	VALVE GP-ACCUMULATOR CHARGING	
		1	**190-3850**	1	CORE	
	2	1	**111-9110**	1	PROTECTOR-GAS VALVE	
	3	1	**241-0037**	1	FILM-INFORMATION (HYDRAULIC ACCUMULATOR)	
	4	1	**1J-9671**	1	SEAL-O-RING	
	5	1	**5M-3062**	2	BOLT (3/8-16X0.75-IN)	
					AVAILABLE REPAIR KIT(S):	
			170-0493	1	KIT-SEAL (HYDRAULIC ACCUMULATOR)	
					(INCLUDES O-RING SEALS, BACKUP WASHERS, PISTON RINGS & PISTON SEAL)	

C - CHANGE FROM PREVIOUS TYPE





VIEW OF AREA A

GRAPHIC #1 <END> g03817579

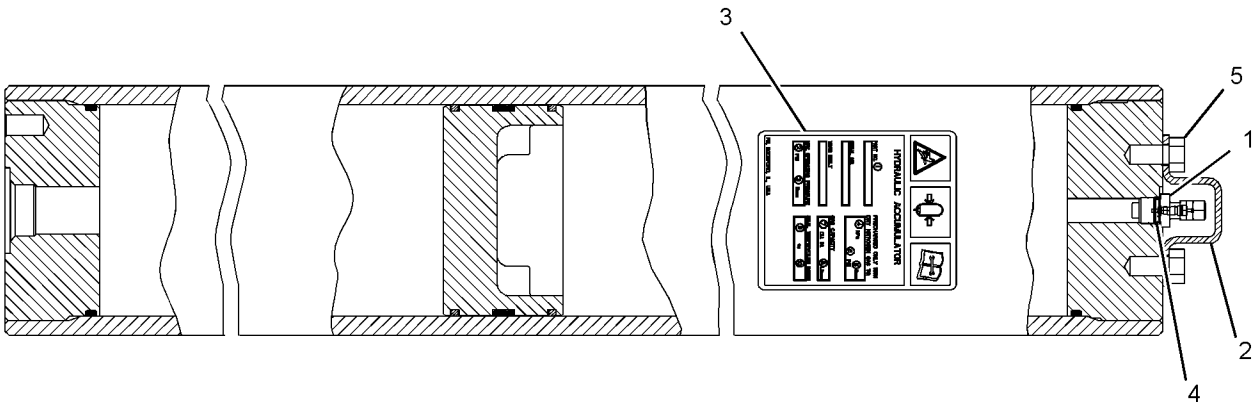
356-1972 ACCUMULATOR GP-BRAKE—UNCHARGED

S/N: BTW1-UP

FIELD REPLACEMENT FOR 350-5572—PAGE: 961

SMCS-4263 **i05536551**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**222-2367**	1	VALVE GP-ACCUMULATOR CHARGING (BRAKE)	
		1	**190-3850**	1	CORE	
	2	1	**111-9110**	1	PROTECTOR-GAS VALVE	
	3	1	**241-0037**	1	FILM-INFORMATION (HYDRAULIC ACCUMULATOR)	
	4	1	**1J-9671**	1	SEAL-O-RING	
	5	1	**5M-3062**	2	BOLT (3/8-16X0.75-IN)	
					AVAILABLE REPAIR KIT(S):	
			170-0493	1	KIT-SEAL (HYDRAULIC ACCUMULATOR)	
					(INCLUDES O-RING SEALS, BACKUP WASHERS,PISTON RINGS & PISTON SEAL)	



GRAPHIC #1 <END> g03562800

170-4618 BRAKE GP-PARKING

S/N: BTW1-177

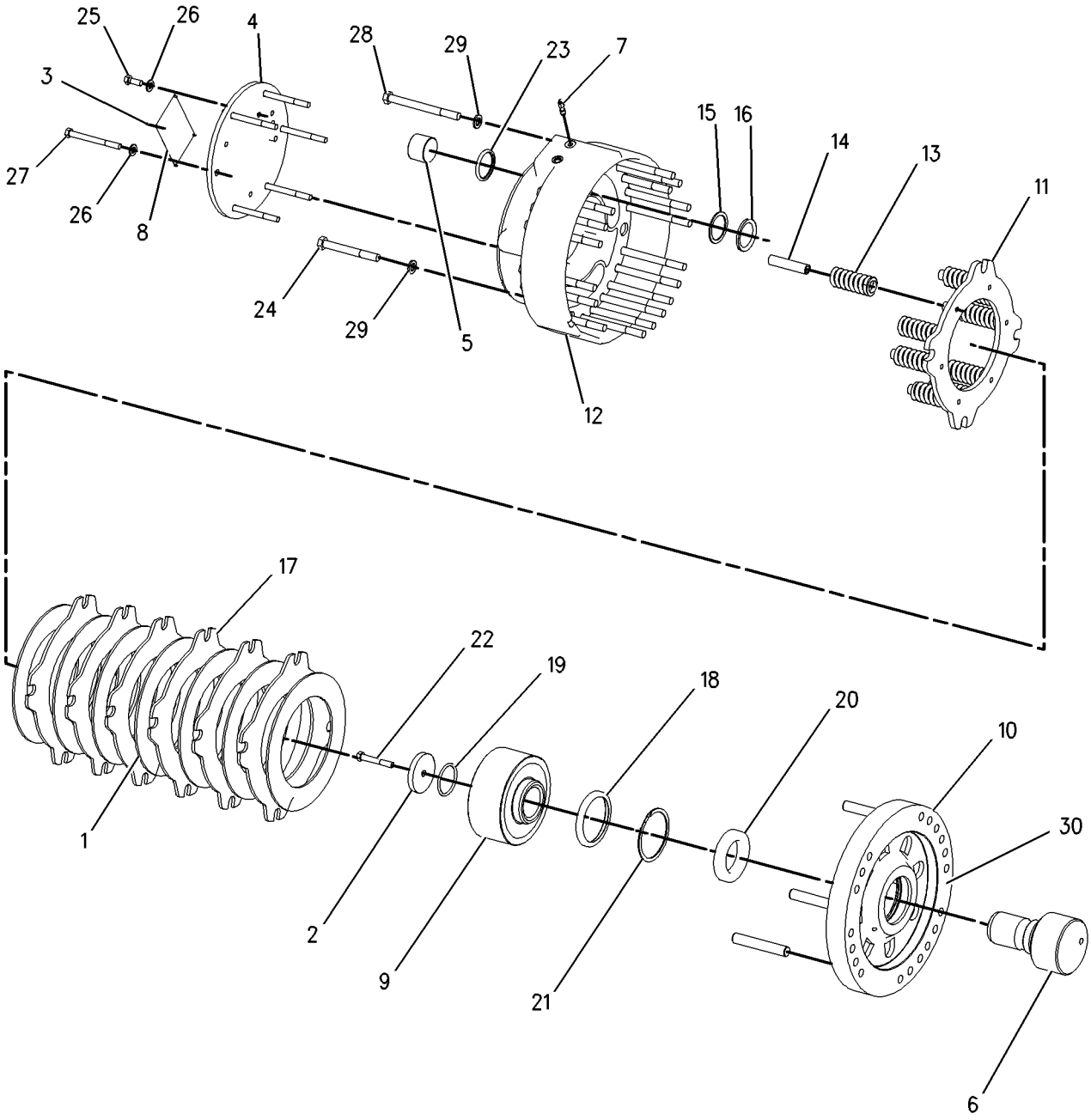
PART OF 230-3268 POWER TRAIN AR

SMCS-4267 **i03644469**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**236-8675**	7	DISC-FRICTION	
	2	1	**3S-1262**	1	RETAINER	
	3	1	**4B-4158**	4	SCREW-DRIVE (NO 4X0.25-IN)	
	4	1	**4E-8540**	1	PLATE-RETAINING	
	5	1	**201-1425**	3	PISTON	
	6	1	**257-7857**	1	SHAFT-BRAKE	
	7	1	**5H-3701**	1	SCREW-PURGE	
	8	1	**7S-4002**	1	PLATE-WARNING (BRAKE)	
	9	1	**7V-5231**	1	HUB	
	10	1	**146-3748**	1	CAGE AS-BEARING	
		1	**8S-0490**	4	SHAFT	
	11	1	**162-9733**	1	PLATE	
	12	1	**201-1426**	1	HOUSING-BRAKE	
	13	1	**169-4670**	9	SPRING	
	14	1	**201-1424**	6	SPACER (13.9X21.3X97.2-MM THK)	
	15	1	**170-6712**	3	RING-BACKUP	
	16	1	**171-1391**	3	SEAL	
	17	1	**172-0844**	6	PLATE-CLUTCH	
	18	1	**177-1483**	1	SEAL-LIP TYPE	
	19	1	**2H-2665**	1	SEAL-O-RING	
	20	1	**3K-2518**	1	BALL BEARING	
	21	1	**3K-2556**	1	RING-RETAINING	
M	22	1	**6V-5696**	1	BOLT (M12X1.75X80-MM)	
	23	1	**7K-9204**	3	SEAL-LIP TYPE	
M	24	1	**7X-2558**	2	BOLT (M16X2X150-MM)	
M	25	1	**8T-4139**	3	BOLT (M12X1.75X30-MM)	
	26	1	**8T-4223**	9	WASHER-HARD (13.5X25.5X3-MM THK)	
M	27	1	**8T-5001**	6	BOLT (M12X1.75X130-MM)	
M	28	1	**8T-6385**	17	BOLT (M16X2X180-MM)	
	29	1	**9X-8257**	19	WASHER (17.5X30X3.5-MM THK)	
B	30	1	**6V-6640**		SEALANT	

B - USE AS REQUIRED
M - METRIC PART

170-4618 **BRAKE GP-PARKING (**contd.**)** **i03644469**



GRAPHIC #1 <END> g00719163

294-7730 BRAKE GP-PARKING

S/N: BTW178-226

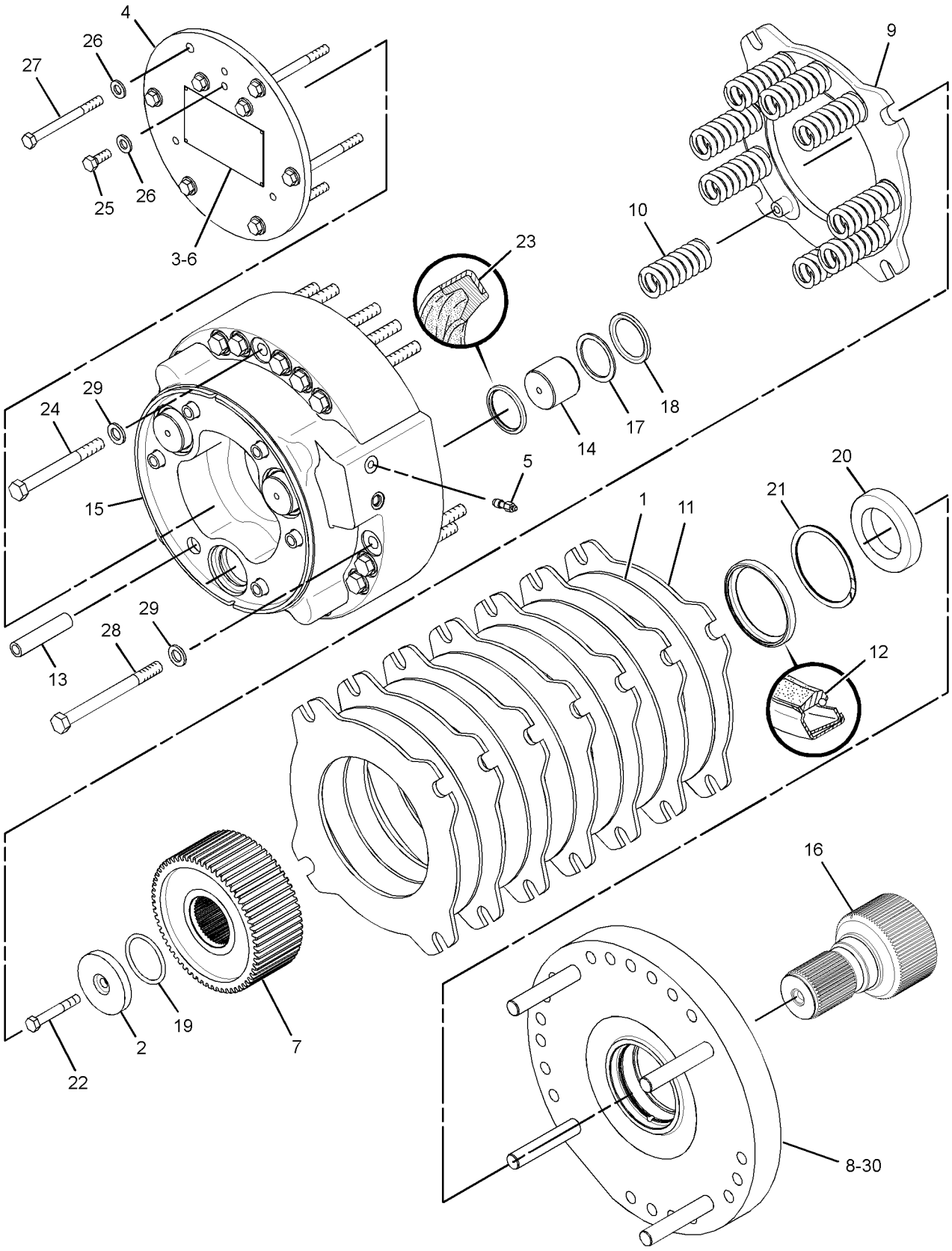
PART OF 230-3268 POWER TRAIN AR

SMCS-4267 **i03699541**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**236-8675**	6	DISC-FRICTION	
	2	1	**3S-1262**	1	RETAINER	
	3	1	**4B-4158**	4	SCREW-DRIVE (NO 4X0.25-IN)	
	4	1	**4E-8540**	1	PLATE-RETAINING	
	5	1	**5H-3701**	1	SCREW-PURGE	
	6	1	**7S-4002**	1	PLATE-WARNING (BRAKE)	
	7	1	**7V-5231**	1	HUB	
	8	1	**146-3748**	1	CAGE AS-BEARING	
		1	**8S-0490**	4	SHAFT	
	9	1	**162-9733**	1	PLATE	
	10	1	**169-4670**	9	SPRING	
	11	1	**172-0844**	7	PLATE-CLUTCH	
	12	1	**177-1483**	1	SEAL-LIP TYPE	
	13	1	**201-1424**	6	SPACER (13.9X21.3X97.2-MM THK)	
	14	1	**201-1425**	3	PISTON	
	15	1	**201-1426**	1	HOUSING-BRAKE	
	16	1	**257-7857**	1	SHAFT-BRAKE	
	17	1	**170-6712**	3	RING-BACKUP	
	18	1	**171-1391**	3	SEAL	
	19	1	**2H-2665**	1	SEAL-O-RING	
	20	1	**3K-2518**	1	BALL BEARING	
	21	1	**3K-2556**	1	RING-RETAINING	
M	22	1	**6V-5696**	1	BOLT (M12X1.75X80-MM)	
	23	1	**7K-9204**	3	SEAL-LIP TYPE	
M	24	1	**7X-2558**	2	BOLT (M16X2X150-MM)	
M	25	1	**8T-4139**	3	BOLT (M12X1.75X30-MM)	
	26	1	**8T-4223**	9	WASHER-HARD (13.5X25.5X3-MM THK)	
M	27	1	**8T-5001**	6	BOLT (M12X1.75X130-MM)	
M	28	1	**8T-6385**	17	BOLT (M16X2X180-MM)	
	29	1	**9X-8257**	19	WASHER (17.5X30X3.5-MM THK)	
B	30	1	**6V-6640**		SEALANT	

B - USE AS REQUIRED
M - METRIC PART

294-7730 **BRAKE GP-PARKING (**contd.**)** **i03699541**



GRAPHIC #1 <END> g01438759

294-7730 BRAKE GP-PARKING

S/N: BTW227-UP

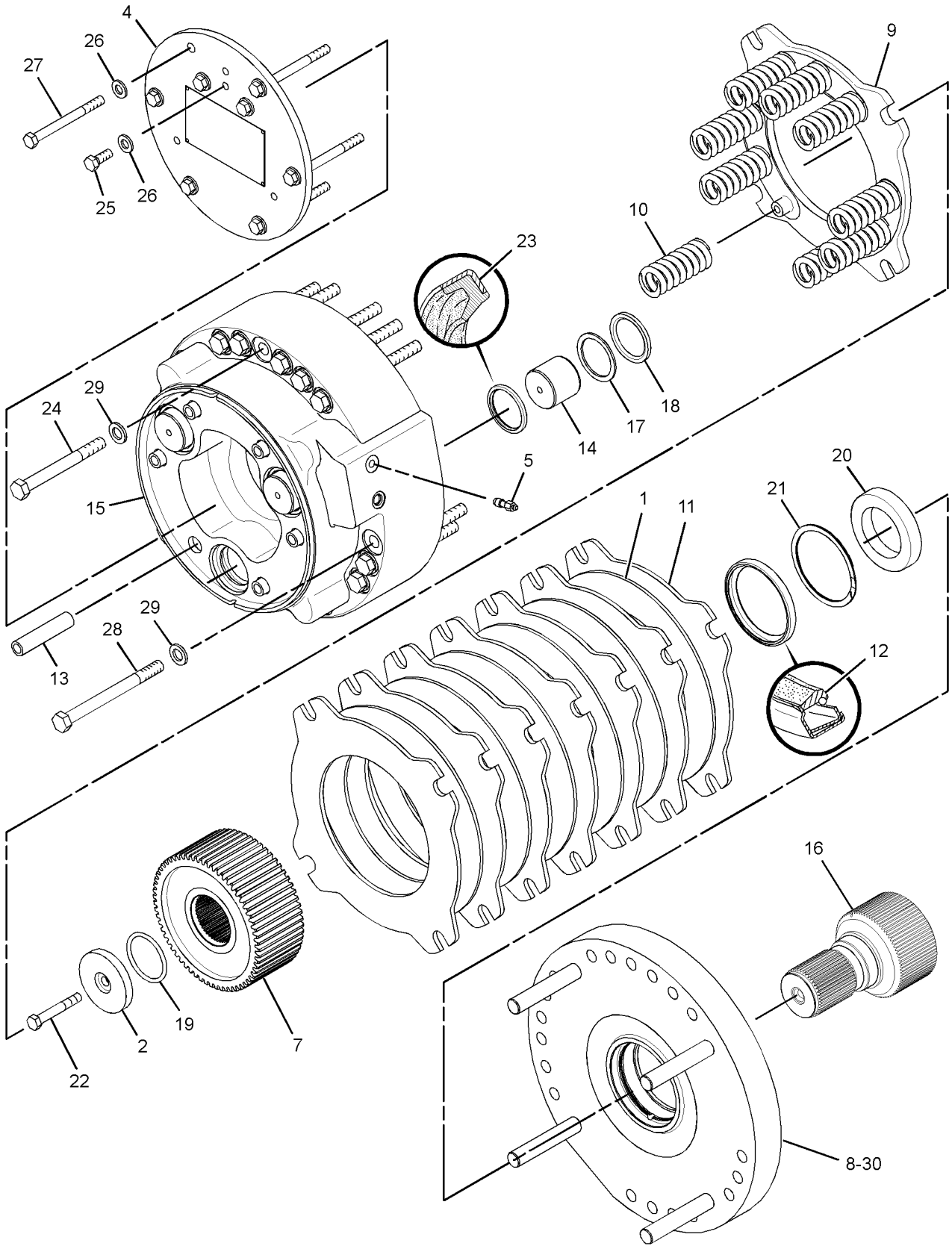
PART OF 230-3268 POWER TRAIN AR

SMCS-4267 **i04937276**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**236-8675**	6	DISC-FRICTION	
	2	1	**3S-1262**	1	RETAINER	
	4	1	**4E-8540**	1	PLATE-RETAINING	
	5	1	**5H-3701**	1	SCREW-PURGE	
	7	1	**7V-5231**	1	HUB	
	8	1	**146-3748**	1	CAGE AS-BEARING	
		1	**8S-0490**	4	SHAFT	
	9	1	**162-9733**	1	PLATE	
	10	1	**169-4670**	9	SPRING	
	11	1	**172-0844**	7	PLATE-CLUTCH	
	12	1	**177-1483**	1	SEAL-LIP TYPE	
	13	1	**201-1424**	6	SPACER (13.9X21.3X97.2-MM THK)	
	14	1	**201-1425**	3	PISTON	
	15	1	**201-1426**	1	HOUSING-BRAKE	
	16	1	**257-7857**	1	SHAFT-BRAKE	
	17	1	**170-6712**	3	RING-BACKUP	
	18	1	**171-1391**	3	SEAL	
	19	1	**2H-2665**	1	SEAL-O-RING	
	20	1	**3K-2518**	1	BALL BEARING	
	21	1	**3K-2556**	1	RING-RETAINING	
M	22	1	**6V-5696**	1	BOLT (M12X1.75X80-MM)	
	23	1	**7K-9204**	3	SEAL-LIP TYPE	
M	24	1	**7X-2558**	2	BOLT (M16X2X150-MM)	
M	25	1	**8T-4139**	3	BOLT (M12X1.75X30-MM)	
	26	1	**8T-4223**	9	WASHER-HARD (13.5X25.5X3-MM THK)	
M	27	1	**8T-5001**	6	BOLT (M12X1.75X130-MM)	
M	28	1	**8T-6385**	17	BOLT (M16X2X180-MM)	
	29	1	**9X-8257**	19	WASHER (17.5X30X3.5-MM THK)	
B	30	1	**6V-6640**		SEALANT	

B - USE AS REQUIRED
M - METRIC PART

294-7730 **BRAKE GP-PARKING (**contd.**)** **i04937276**



GRAPHIC #1 <END> g03158797

241-8930 BRAKE GP-SERVICE

S/N: BTW1-UP

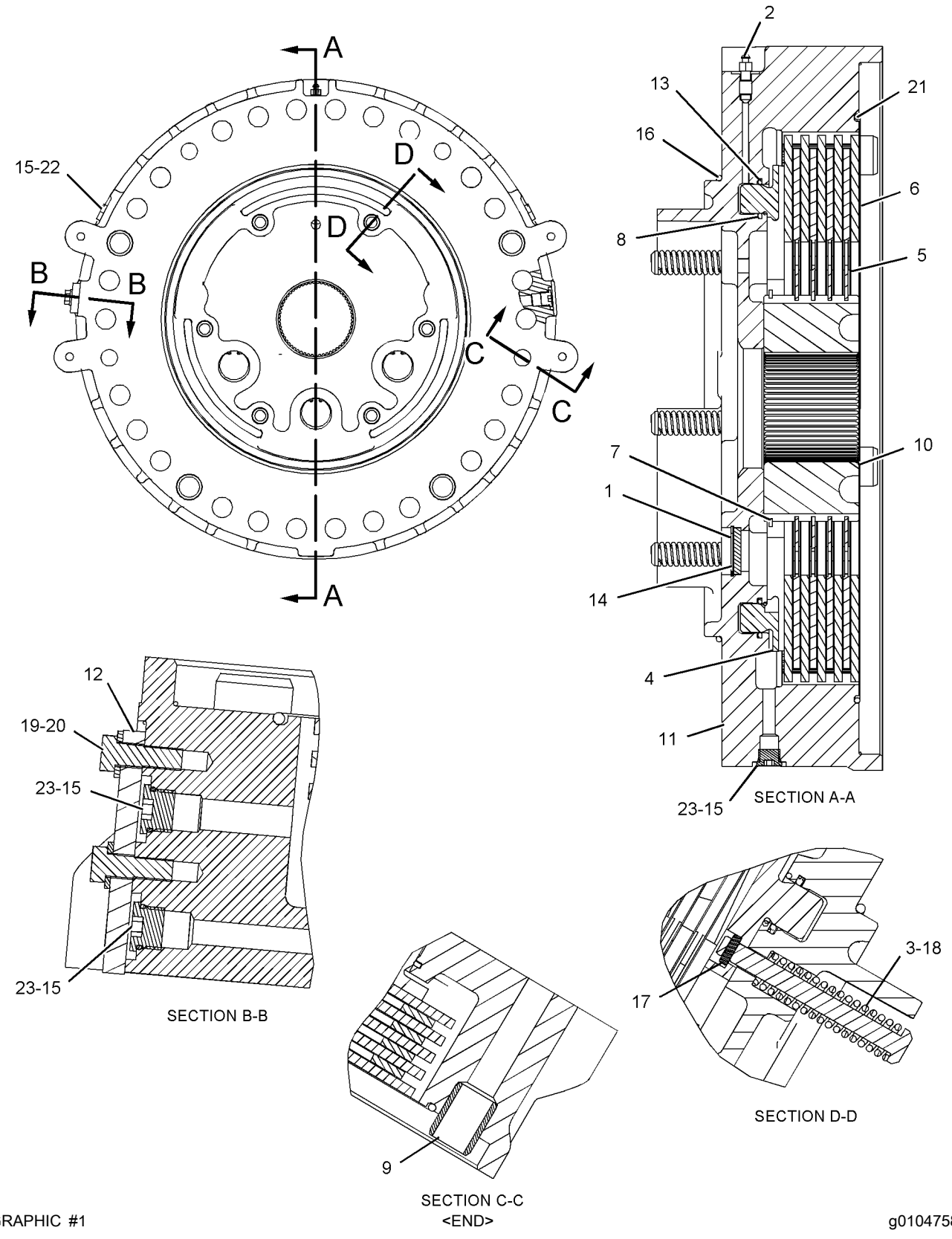
PART OF 240-5664 AXLE AR-FIXED, 240-5665, 366-7858 AXLE AR-OSCILLATING

SMCS-4251 **i07014392**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4B-1382**	3	PLATE-SPRING CAP	
	2	1	**5H-3701**	1	SCREW-PURGE	
	3	1	**8V-3609**	6	SPRING-RETRACTOR	
	4	1	**9U-1734**	1	PISTON	
	5	1	**493-3796**	4	DISC-FRICTION	
	6	1	**9U-1739**	5	PLATE-OUTER	
	7	1	**9U-1741**	1	RING-RETAINING	
	8	1	**9U-1742**	1	SEAL-O-RING	
	9	1	**104-7006**	4	DOWEL-HOLLOW	
	10	1	**132-6532**	1	HUB	
	11	1	**241-8635**	1	ANCHOR-BRAKE	
	12	1	**241-8636**	1	PLATE	
	13	1	**115-5658**	1	SEAL	
	14	1	**2R-1230**	3	RING-RETAINING	
	15	1	**3K-0360**	6	SEAL-O-RING	
	16	1	**5M-6200**	1	SEAL-O-RING	
	17	1	**6M-9155**	6	PIN	
	18	1	**7V-8346**	6	SPRING-GUIDE	
M	19	1	**8T-0722**	2	BOLT-LOCKING (M10X1.5X30-MM)	
	20	1	**8T-4121**	2	WASHER-HARD (11X21X2.5-MM THK)	
	21	1	**9M-5892**	1	SEAL-O-RING	
	22	1	**9S-4185**	2	PLUG (3/4-16-THD)	
	23	1	**9S-8005**	4	PLUG (3/4-16-THD)	

M - METRIC PART

241-8930 **BRAKE GP-SERVICE (**contd.**)** **i07014392**



GRAPHIC #1

g01047582

287-1717 BRAKE GP-SERVICE

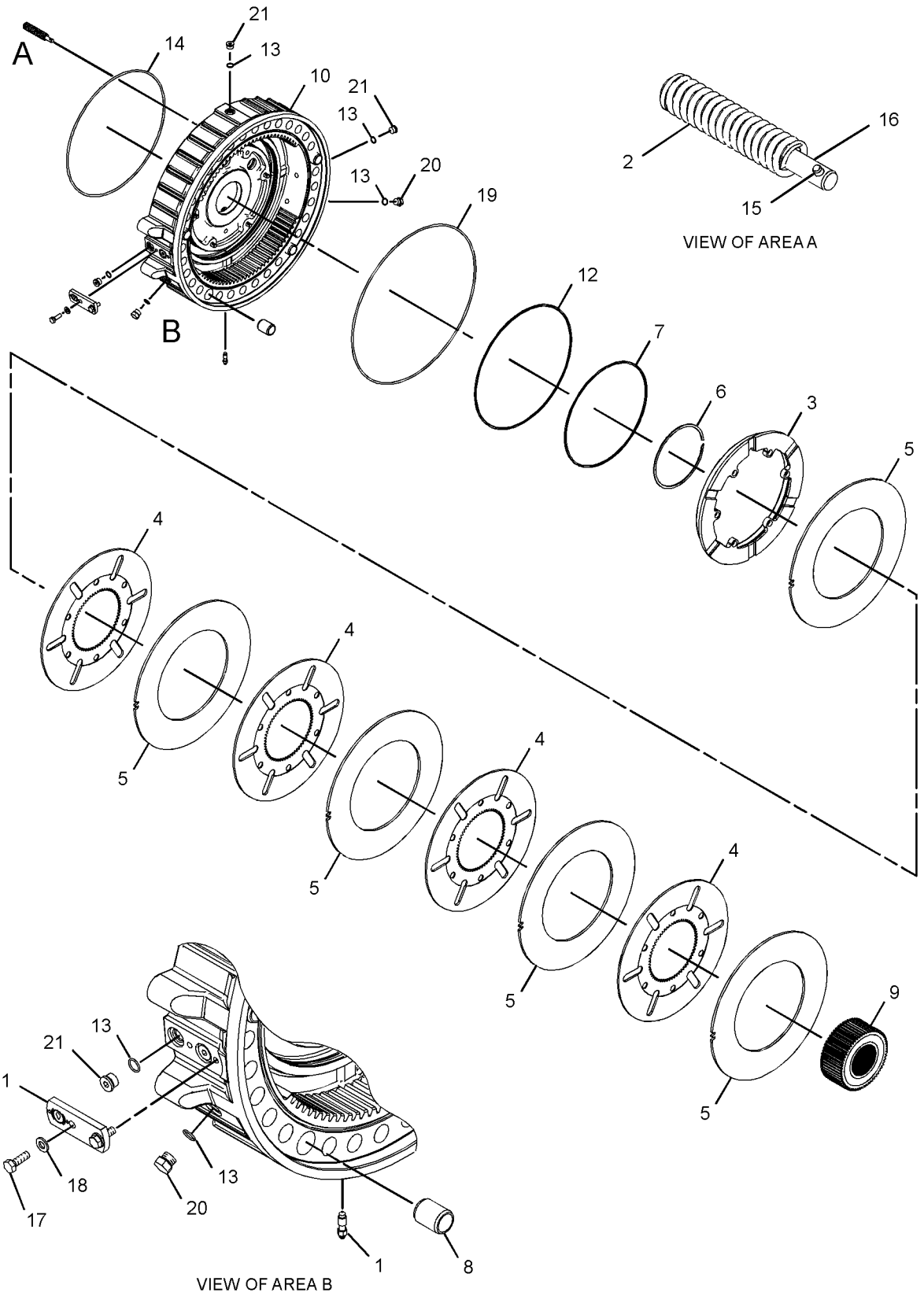
S/N: BTW1-UP
CUSTOM
PART OF 287-1887 AXLE AR-FIXED, 368-5024 AXLE AR-OSCILLATING

SMCS-4251 **i02708158**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**5H-3701**	1	SCREW-PURGE	
	2	1	**8V-3609**	6	SPRING-RETRACTOR	
	3	1	**9U-1734**	1	PISTON	
	4	1	**9U-1738**	4	DISC-FRICTION	
	5	1	**9U-1739**	5	PLATE-OUTER	
	6	1	**9U-1741**	1	RING-RETAINING	
	7	1	**9U-1742**	1	SEAL-O-RING	
	8	1	**104-7006**	4	DOWEL-HOLLOW	
	9	1	**132-6532**	1	HUB	
	10	1	**241-8635**	1	ANCHOR-BRAKE	
	11	1	**241-8636**	1	PLATE	
	12	1	**115-5658**	1	SEAL	
	13	1	**3K-0360**	6	SEAL-O-RING	
	14	1	**5M-6200**	1	SEAL-O-RING	
	15	1	**6M-9155**	6	PIN	
	16	1	**7V-8346**	6	SPRING-GUIDE	
M	17	1	**8T-0722**	2	BOLT-LOCKING (M10X1.5X30-MM)	
	18	1	**8T-4121**	2	WASHER-HARD (11X21X2.5-MM THK)	
	19	1	**9M-5892**	1	SEAL-O-RING	
	20	1	**9S-4185**	2	PLUG (3/4-16-THD)	
	21	1	**9S-8005**	4	PLUG (3/4-16-THD)	

M - METRIC PART

287-1717 **BRAKE GP-SERVICE (**contd.**)** **i02708158**



GRAPHIC #1 <END> g01359587

250-9458 CONTROL GP-FOOT BRAKE

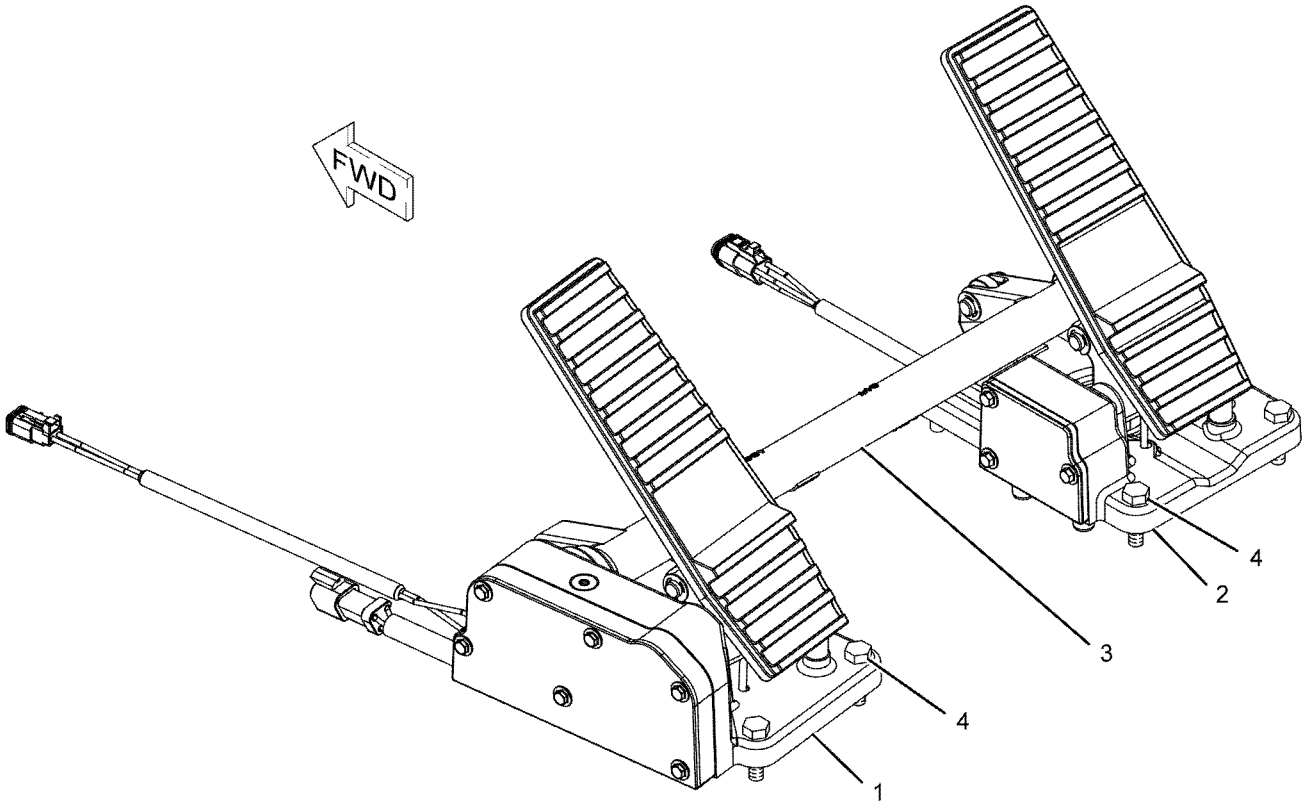
S/N: BTW1-UP

PART OF 234-5964, 281-4121 CAB AR

SMCS-4269 **i02148407**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**205-9236**	1	PEDAL GP-BRAKE (PEDAL, LH)	1314
Y	2	1	**251-4629**	1	PEDAL GP-BRAKE (PEDAL, RH)	1316
	3	1	**251-4630**	1	SHAFT AS	
M	4	1	**8T-7547**	6	BOLT (M8X1.25X30-MM)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g01090894

4E-6401 CONTROL GP-PARKING BRAKE

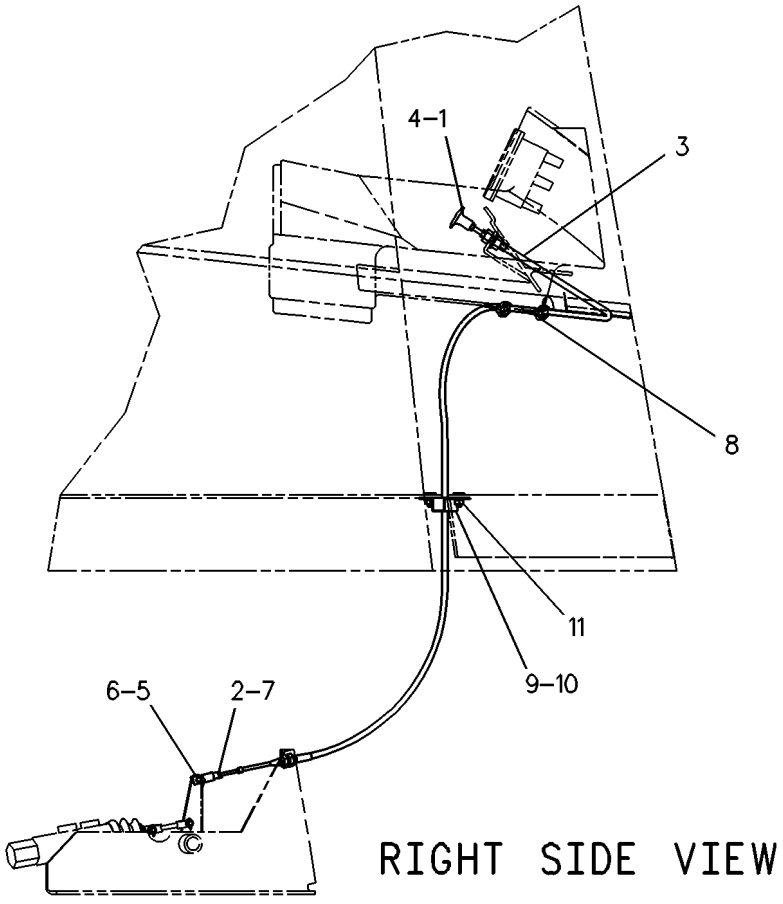
S/N: BTW1-UP

PART OF 234-5964, 281-4121 CAB AR

SMCS-4282, 4284 **i01057763**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**122-1671**	1	KNOB	
M	2	1	**5C-2874**	1	NUT (M5X0.8-THD)	
	3	1	**3E-6367**	1	CABLE AS-PARKING BRAKE CONTROL	
M	4	1	**5C-2890**	1	NUT (M6X1-THD)	
	5	1	**096-0067**	1	PIN-CLEVIS	
	6	1	**5B-9192**	1	PIN-COTTER	
	7	1	**9U-0830**	1	END-YOKE ROD	
	8	1	**3S-2093**	2	STRAP-CABLE	
	9	1	**9U-0178**	1	BRACKET	
	10	1	**9U-0200**	1	BLOCK	
M	11	1	**5C-7261**	2	NUT (M8X1.25-THD)	
		1	**8T-4224**	2	WASHER-HARD (8.8X16X2-MM THK)	

M - METRIC PART



GRAPHIC #1 <END> g00119781

235-0630 LINES GP-PARKING BRAKE

S/N: BTW1-UP

PART OF 230-3275 CHASSIS AR

SMCS-4257 **i05283844**

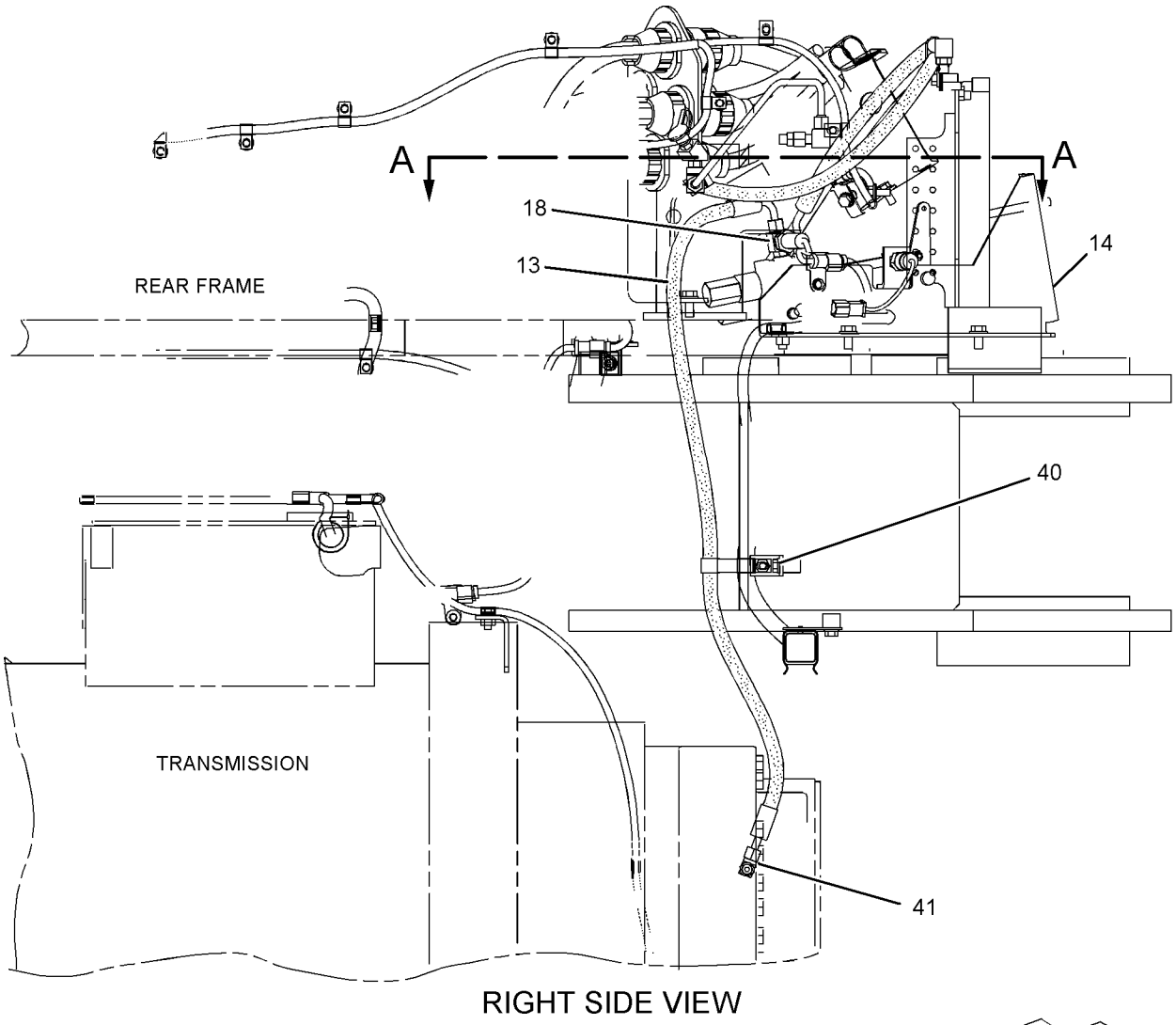
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
B	1	2	**1A-4790**	4	WASHER (16.7X31.8X1.6-MM THK)	
	2	2	**2V-7859**	1	BEARING	
	3	2	**3B-4607**	1	PIN-COTTER	
	4	2	**4B-2913**	1	PIN-CLEVIS	
	5	2	**4V-1541**	1	COLLAR	
	6	1	**5B-2183**	1	NUT-JAM (9/16-18-THD)	
	7	2	**5P-6724**	1	BEARING-ROLLER	
	8	2	**7I-4078**	1	LEVER AS	
	9	2	**8T-0741**	2	SEAL-LIP TYPE	
	10	2	*164-7472*	1	VALVE GP-CHECK (PARKING BRAKE)	
		2	**6V-8397**	2	SEAL-O-RING	
		2	**9T-4543**	1	VALVE GP-CHECK	
I	11	2	**9U-1475**	1	HOSE AS	
I	12	2	**173-3293**	1	HOSE AS	
I	13	1	**8W-4197**	1	HOSE AS	
	14	1	**103-3587**	1	BRACKET AS	
	15	2	**103-8983**	1	TUBE AS	
Y	16	1	**106-1774**	1	VALVE GP-BRAKE CONTROL (PARKING)	991
	17	2	*148-8424*	2	TEE AS	
					(EACH INCLUDES)	
		2	**6V-8397**	1	SEAL-O-RING	
		2	**8T-8902**	1	ADAPTER-TEE	
	18	1	*150-4027*	1	TEE AS	
		1	**3E-2310**	1	TEE	
		1	**3J-1907**	1	SEAL-O-RING	
		1	**6V-8397**	1	SEAL-O-RING	
	19	2	*164-5567*	1	COUPLER AS-QUICK DISCONNECT (MALE)	
		2	**3J-1907**	1	SEAL-O-RING	
		2	**6V-3965**	1	FITTING (QUICK DISCONNECT)	
	20	1,2	**174-4312**	1	SWITCH AS-PRESSURE (PARKING BRAKE OIL)	
		1,2	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE & WEDGE)	
		1,2	**3E-3371**	1	WEDGE-RECEPTACLE LOCK (3-PIN)	
		1,2	**8T-8729**	3	PIN-CONNECTOR (16-GA TO 18-GA)	
	21	1	**223-8425**	1	BLOCK AS	
	22	1	**223-8470**	1	STRIP	
	23	1,2	*148-8336*	3	CONNECTOR AS	
					(EACH INCLUDES)	
		1,2	**3J-1907**	1	SEAL-O-RING	
		1,2	**6V-8397**	1	SEAL-O-RING	
		1,2	**6V-8636**	1	CONNECTOR	
	24	1,2	*148-8367*	1	ELBOW AS	
					(EACH INCLUDES)	
		1,2	**6V-8397**	1	SEAL-O-RING	
		1,2	**6V-9850**	1	ELBOW	
	25	2	*149-5452*	1	UNION AS (STRAIGHT)	
		2	**6V-8397**	2	SEAL-O-RING	
		2	**6V-8994**	1	UNION (STRAIGHT)	

235-0630 **LINES GP-PARKING BRAKE** (contd.) **i05283844**

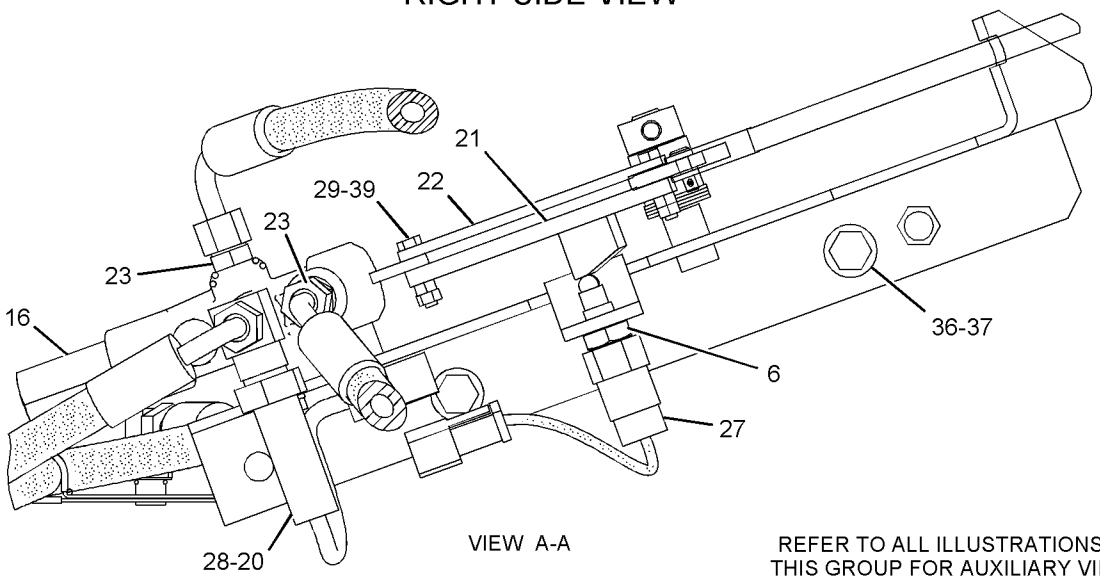
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	26	2	*150-4050*	1	ELBOW AS	
		2	**3J-1907**	1	SEAL-O-RING	
		2	**8T-0788**	1	ELBOW	
	27	1	**171-7085**	1	SWITCH AS-LIMIT (PARKING BRAKE)	
BE		1	**9X-1386**		SLEEVE	
		1	**3E-3377**	1	WEDGE-RECEPTACLE LOCK (4-PIN)	
		1	**102-8804**	1	KIT-RECEPTACLE (4-PIN)	
					(INCLUDES RECEPTACLE & WEDGE)	
		1	**8T-8729**	4	PIN-CONNECTOR (16-GA TO 18-GA)	
	28	1,2	**3J-1907**	1	SEAL-O-RING	
M	29	1,2	**5C-2890**	4	NUT (M6X1-THD)	
	30	2	**6V-0852**	1	CAP-DUST (HYDRAULIC TEST PORT)	
	32	2	**6V-9168**	1	NUT (11/16-16-THD)	
	33	2	**7S-1912**	1	CLIP	
M	34	2	**8T-4139**	1	BOLT (M12X1.75X30-MM)	
M	35	1	**8T-4189**	2	BOLT (M8X1.25X20-MM)	
M	36	1	**8T-4192**	2	BOLT (M12X1.75X25-MM)	
	37	1,2	**8T-4223**	3	WASHER-HARD (13.5X25.5X3-MM THK)	
	38	1	**8T-4224**	2	WASHER-HARD (8.8X16X2-MM THK)	
M	39	1,2	**8T-4971**	2	BOLT (M6X1X30-MM)	
	40	1	**8D-9671**	1	CLIP	
	41	1	*148-8378*	1	ELBOW AS	
		1	**3J-1907**	1	SEAL-O-RING	
		1	**6V-8397**	1	SEAL-O-RING	
		1	**6V-8724**	1	ELBOW	
	42	1	*165-4931*	1	ELBOW AS	
		1	**3J-1907**	1	SEAL-O-RING	
		1	**6V-8077**	1	ELBOW	

B - USE AS REQUIRED
E - ORDER BY THE CENTIMETER
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART
Y - SEPARATE ILLUSTRATION

235-0630 **LINES GP-PARKING BRAKE (**contd.**)** **i05283844**



RIGHT SIDE VIEW



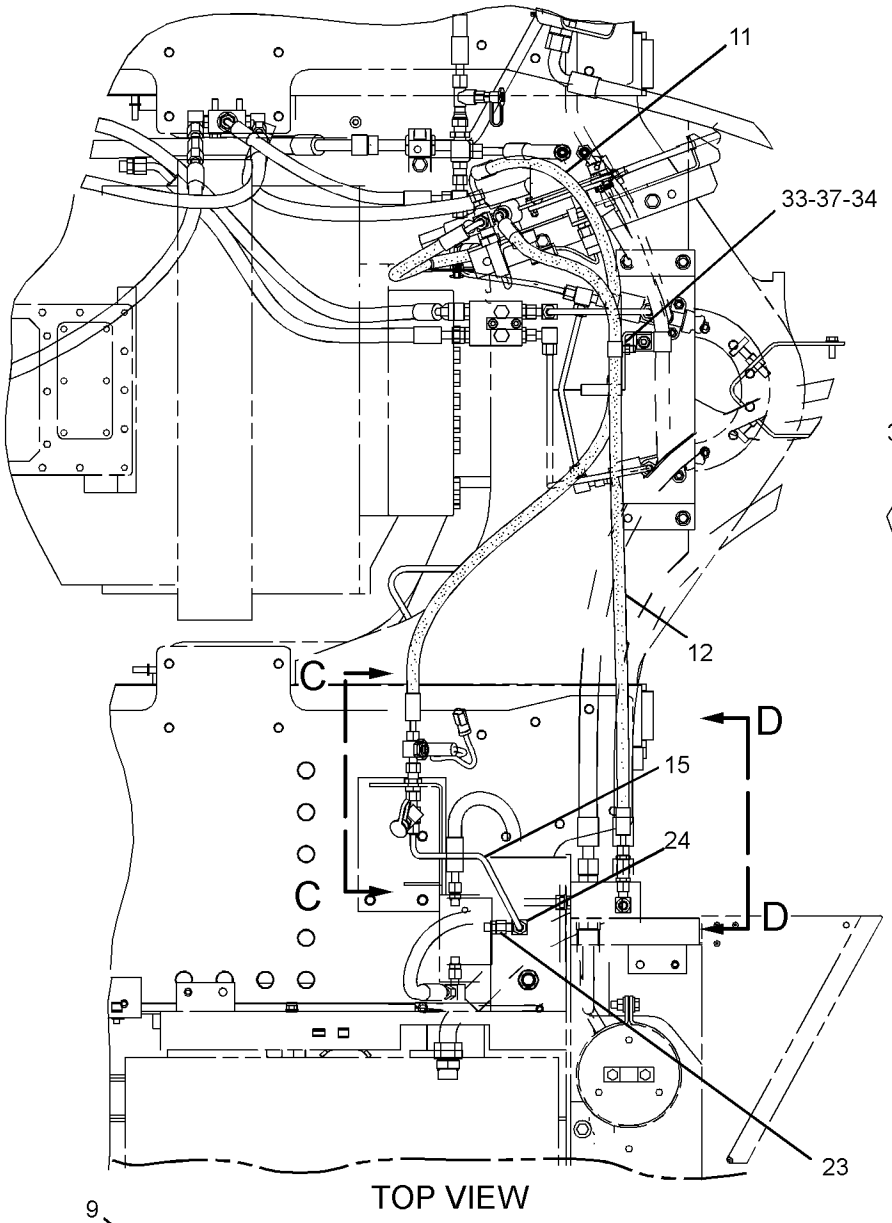
VIEW A-A

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

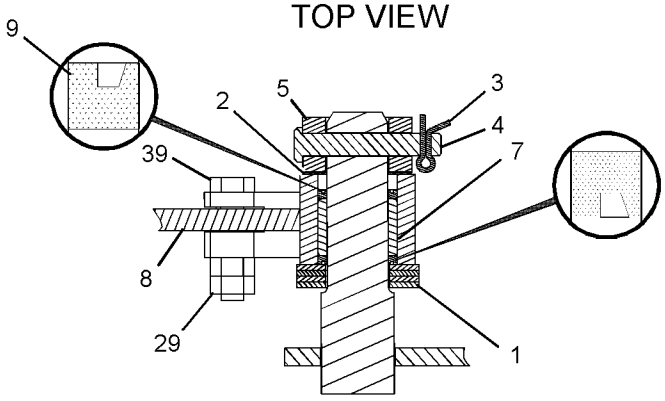
GRAPHIC #1

g01049736

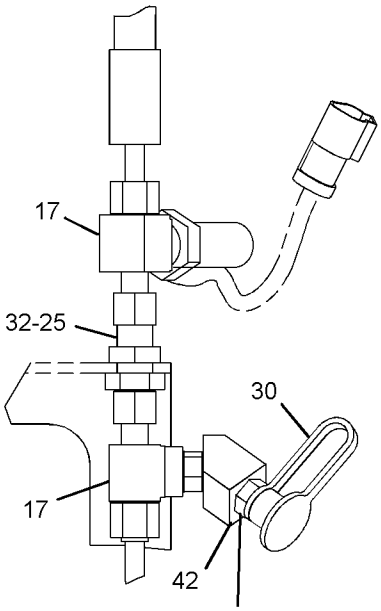
235-0630 **LINES GP-PARKING BRAKE (**contd.**)** **i05283844**



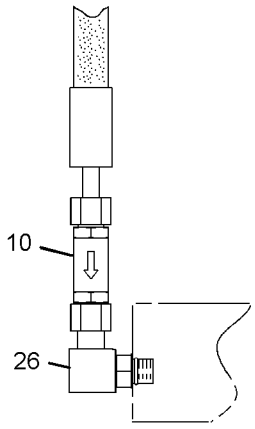
TOP VIEW



SECTION B-B



VIEW C-C



VIEW D-D

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

GRAPHIC #2 <END> g01183621

235-0640 LINES GP-SERVICE BRAKE

S/N: BTW1-185

PART OF 230-3275 CHASSIS AR

SMCS-4257 **i02355783**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-9597**	1	TUBE AS	
	2	1	**4E-9599**	1	TUBE AS	
	3	3	**6V-0852**	2	CAP-DUST	
I	4	1	**8X-1872**	2	HOSE AS	
	5	1	**9U-0128**	1	TUBE AS	
	6	1	**9U-0130**	1	TUBE AS	
	7	3	**9U-0132**	1	BRACKET AS	
M		3	**8T-3490**	2	NUT-WELD (M10X1.5-THD)	
	8	1	**9U-0169**	1	GUARD AS	
	9	1	**9U-0172**	1	GUARD AS	
	10	3	**9U-0203**	1	BRACKET AS	
M		3	**8T-3490**	2	NUT-WELD (M10X1.5-THD)	
I	11	1	**9U-0902**	2	HOSE AS	
	12	2	**9U-1450**	1	MANIFOLD	
I	13	2	**9U-1494**	1	HOSE AS	
	14	1	**9U-1496**	1	BRACKET AS	
M		1	**8T-3597**	1	NUT-WELD (M12X1.75-THD)	
	15	3	**101-0606**	4	GUARD AS	
M		3	**8T-3597**	2	NUT-WELD (M12X1.75-THD)	
I	16	1	**110-2335**	2	HOSE AS	
	17	3	**115-2516**	2	BLOCK	
I	18	1	**145-2340**	2	HOSE AS	
	19	1	**207-2922**	1	GUARD	
	20	1	**207-2923**	1	GUARD	
	21	2	**207-2926**	1	TUBE AS	
	22	1	**207-2927**	1	BRACKET	
Y	23	1	**219-2949**	2	ACCUMULATOR GP-BRAKE (CHARGED)	956
	24	2	**219-6646**	1	TUBE AS	
	25	2	**219-6647**	1	TUBE AS	
	26	1	**241-0503**	1	CLAMP AS	
	27	2	**241-1038**	1	TUBE AS	
I	28	2	**241-2917**	1	HOSE AS	
I	29	2	**241-3852**	1	HOSE AS	
	30	2	**241-5964**	1	BRACKET AS	
	31	1	**269-3289**	1	VALVE GP-BRAKE CONTROL (SERVICE)	
	32	3	*148-8315*	4	CONNECTOR AS	
					(EACH INCLUDES)	
		3	**2M-9780**	1	SEAL-O-RING	
		3	**6V-8642**	1	CONNECTOR	
		3	**7J-9108**	1	SEAL-O-RING	
	33	2	*148-8327*	5	CONNECTOR AS	
					(EACH INCLUDES)	
		2	**3D-2824**	1	SEAL-O-RING	
		2	**6V-8637**	1	CONNECTOR	
		2	**6V-9746**	1	SEAL-O-RING	
	34	1,2	*148-8335*	2	CONNECTOR AS	
					(EACH INCLUDES)	
		1,2	**5K-9090**	1	SEAL-O-RING	

235-0640 **LINES GP-SERVICE BRAKE** (contd.) **i02355783**

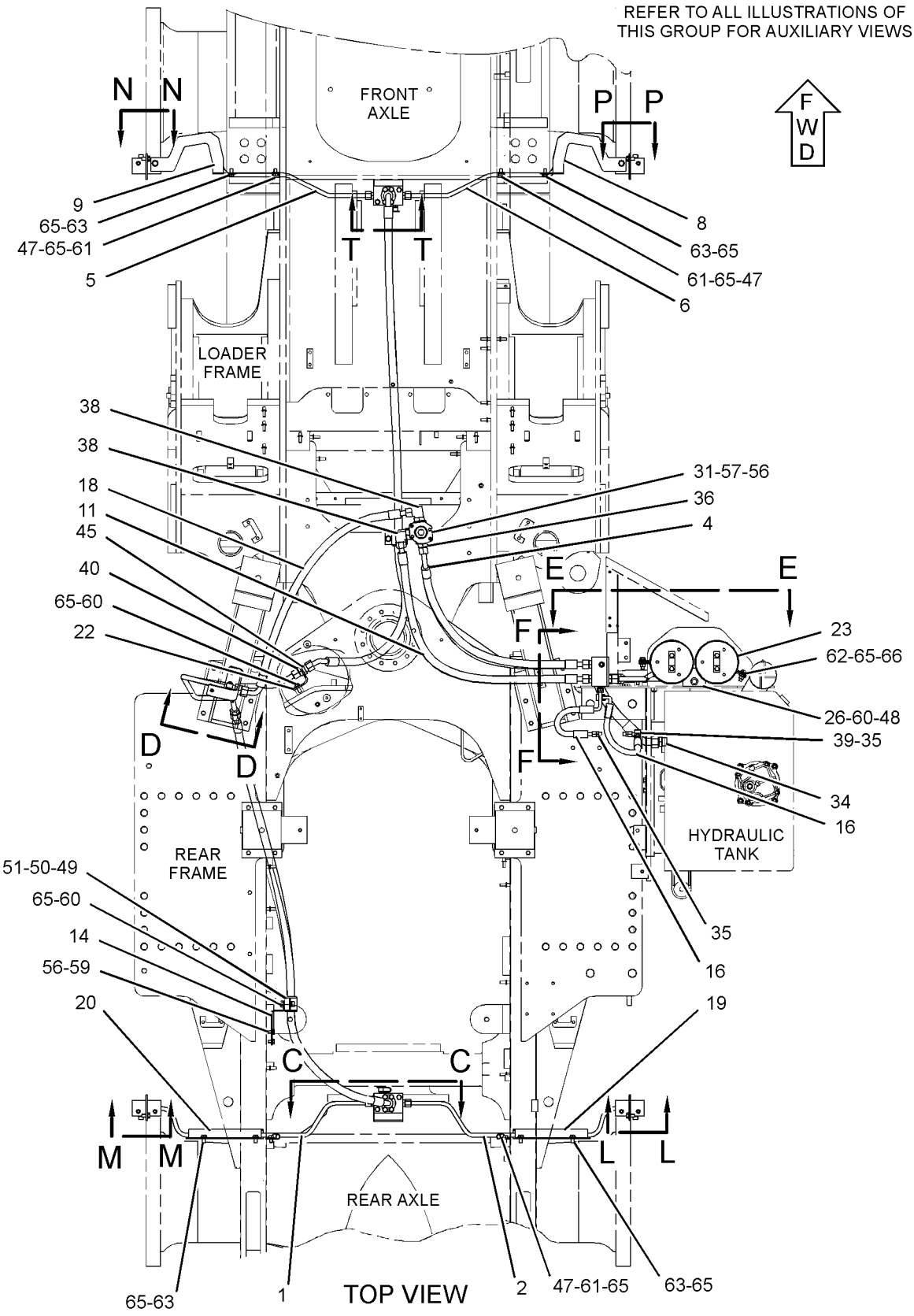
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		1,2	**6V-8635**	1	CONNECTOR	
		1,2	**7M-8485**	1	SEAL-O-RING	
	35	1,2	*148-8336*	4	CONNECTOR AS	
					(EACH INCLUDES)	
		1,2	**3J-1907**	1	SEAL-O-RING	
		1,2	**6V-8397**	1	SEAL-O-RING	
		1,2	**6V-8636**	1	CONNECTOR	
	36	1	*148-8339*	2	CONNECTOR AS	
					(EACH INCLUDES)	
		1	**6V-8716**	1	CONNECTOR (STRAIGHT)	
		1	**6V-9746**	1	SEAL-O-RING	
		1	**7M-8485**	1	SEAL-O-RING	
	37	2	*148-8347*	1	ELBOW AS	
		2	**3D-2824**	1	SEAL-O-RING	
		2	**6V-9007**	1	ELBOW	
		2	**6V-9746**	1	SEAL-O-RING	
	38	1,2	*148-8360*	5	ELBOW AS	
					(EACH INCLUDES)	
		1,2	**6V-9182**	1	ELBOW	
		1,2	**6V-9746**	1	SEAL-O-RING	
		1,2	**7M-8485**	1	SEAL-O-RING	
	39	1,2	*148-8367*	2	ELBOW AS	
					(EACH INCLUDES)	
		1,2	**6V-8397**	1	SEAL-O-RING	
		1,2	**6V-9850**	1	ELBOW	
	40	1,2	*148-8455*	3	UNION AS	
					(EACH INCLUDES)	
		1,2	**6V-8997**	1	UNION	
		1,2	**6V-9746**	2	SEAL-O-RING	
	41	3	*150-4048*	4	ELBOW AS	
					(EACH INCLUDES)	
		3	**3K-0360**	1	SEAL-O-RING	
		3	**6V-8722**	1	ELBOW	
		3	**7J-9108**	1	SEAL-O-RING	
	42	2	*153-6237*	1	ELBOW AS	
		2	**3D-2824**	1	SEAL-O-RING	
		2	**6V-9004**	1	ELBOW	
		2	**6V-9746**	1	SEAL-O-RING	
	43	3	*164-5567*	2	COUPLER AS-QUICK DISCONNECT (MALE)	
					(EACH INCLUDES)	
		3	**3J-1907**	1	SEAL-O-RING	
		3	**6V-3965**	1	FITTING (QUICK DISCONNECT)	
	44	2	*172-4621*	1	ADAPTER AS	
		2	**6V-0301**	1	ADAPTER	
		2	**7M-8485**	1	SEAL-O-RING	
	45	1,2	**2P-1293**	3	LOCKNUT (1-3/16-12-THD)	
	46	3	**4J-0520**	2	SEAL-O-RING	
	47	1	**4K-8302**	4	CLIP (LOOP)	
	48	1	**5P-1076**	1	WASHER-HARD (13.5X30X4-MM THK)	
	49	1,2	**5P-7466**	2	CLIP (SLOT)	
	50	1,2	**5P-7467**	2	CLIP (TAB)	
	51	1,2	**5P-8112**	2	GROMMET	

235-0640 **LINES GP-SERVICE BRAKE (**contd.**)** **i02355783**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	52	2	**6V-9746**	1	SEAL-O-RING	
	53	3	**8C-3206**	4	FLANGE-HALF	
	54	2	**8T-1887**	4	CLIP (SLOT)	
	55	2	**8T-1888**	4	CLIP (TAB)	
	56	1,2,3	**8T-4121**	30	WASHER-HARD (11X21X2.5-MM THK)	
M	57	1	**8T-4133**	4	NUT (M10X1.5-THD)	
M	58	2	**8T-4136**	4	BOLT (M10X1.5X25-MM)	
M	59	1,2	**8T-4137**	10	BOLT (M10X1.5X20-MM)	
M	60	1,2,3	**8T-4139**	7	BOLT (M12X1.75X30-MM)	
M	61	1	**8T-4179**	4	BOLT (M12X1.75X20-MM)	
M	62	1	**8T-4183**	2	BOLT (M12X1.75X40-MM)	
M	63	1,2,3	**8T-4192**	16	BOLT (M12X1.75X25-MM)	
M	64	3	**8T-4196**	8	BOLT (M10X1.5X35-MM)	
	65	1,2,3	**8T-4223**	30	WASHER-HARD (13.5X25.5X3-MM THK)	
M	66	1	**8T-4244**	2	NUT (M12X1.75-THD)	
M	67	3	**8T-6466**	4	BOLT (M10X1.5X60-MM)	

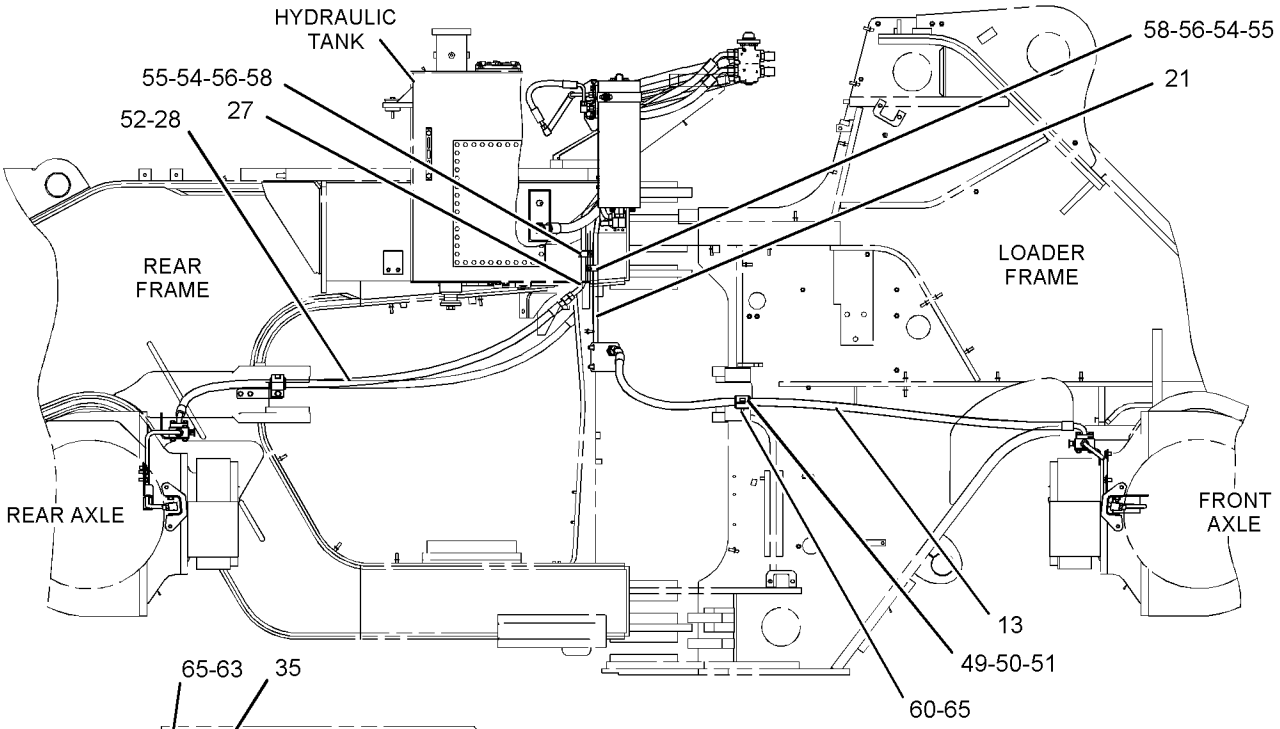
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART
Y - SEPARATE ILLUSTRATION

235-0640 **LINES GP-SERVICE BRAKE (**contd.**)** **i02355783**

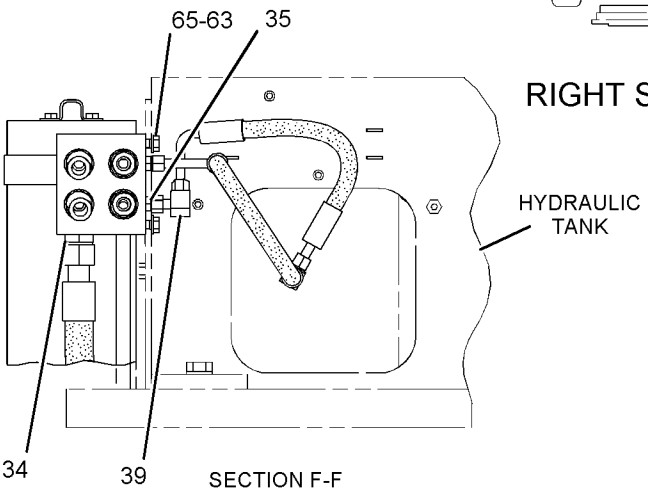


GRAPHIC #1 g01218976

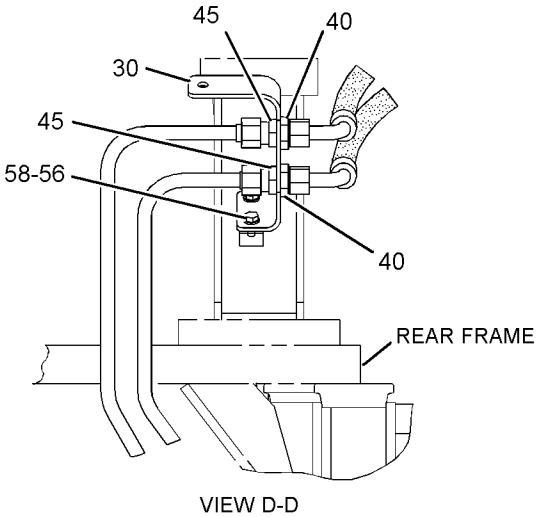
235-0640 **LINES GP-SERVICE BRAKE (**contd.**)** **i02355783**



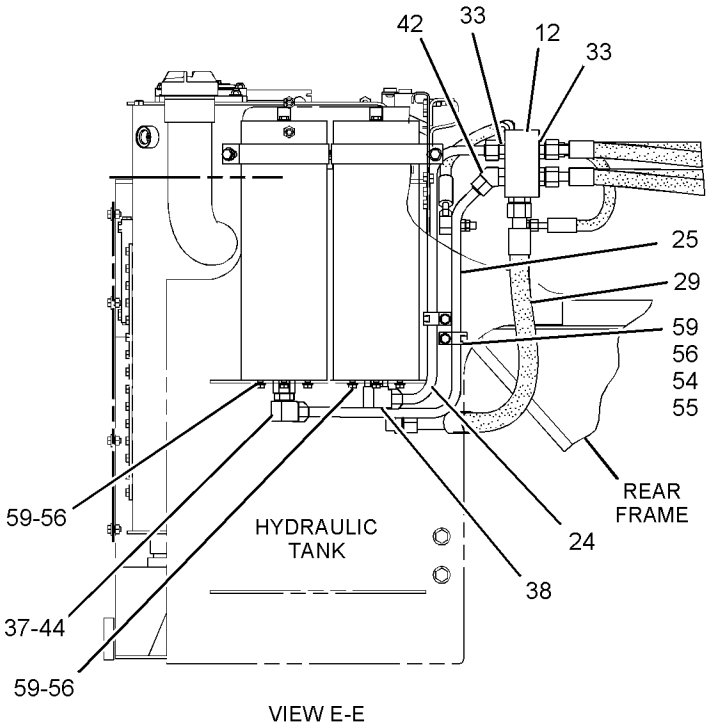
RIGHT SIDE VIEW



SECTION F-F



VIEW D-D

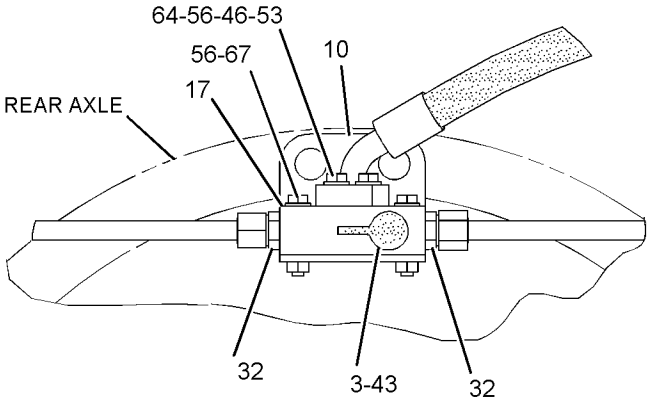


VIEW E-E

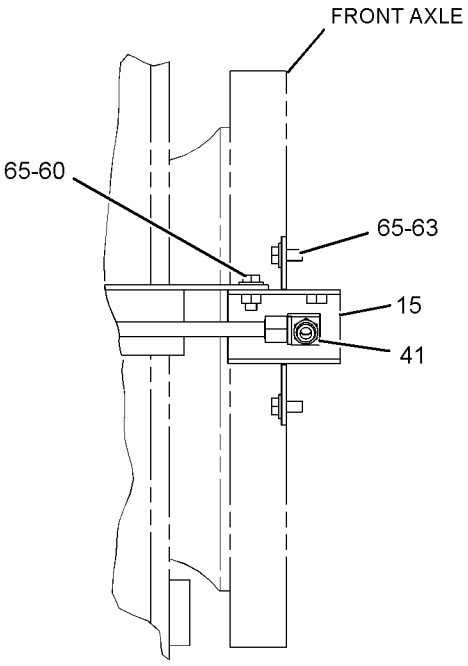
GRAPHIC #2

g01218977

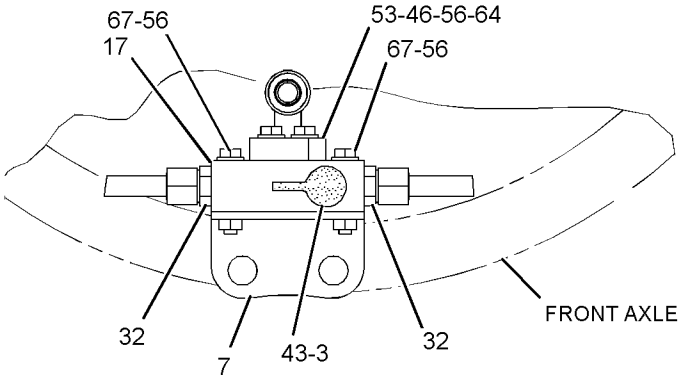
235-0640 **LINES GP-SERVICE BRAKE** (contd.) **i02355783**



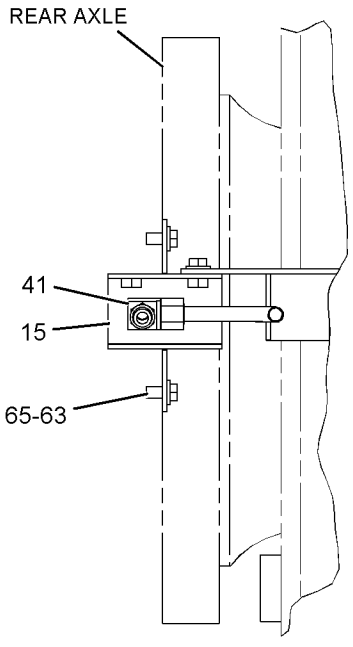
SECTION C-C



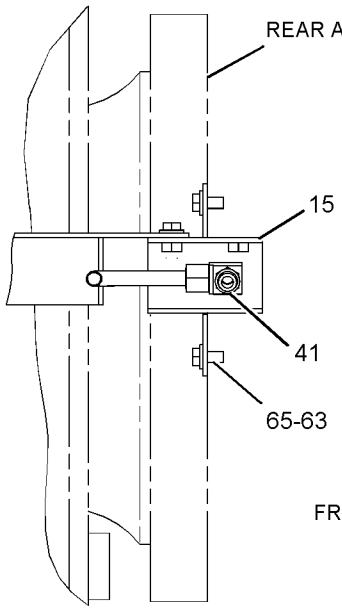
SECTION N-N



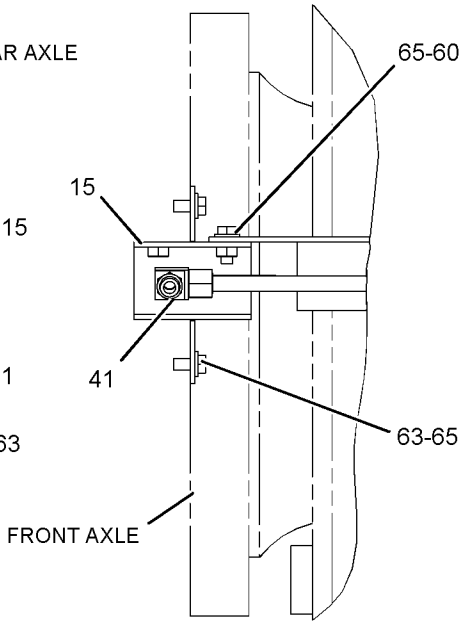
SECTION T-T



SECTION M-M



SECTION L-L



SECTION P-P

GRAPHIC #3

<END>

g01218978

235-0640 LINES GP-SERVICE BRAKE

S/N: BTW186-UP

PART OF 230-3275 CHASSIS AR

SMCS-4257 **i03551220**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	3	**4E-9597**	1	TUBE AS	
	2	3	**4E-9599**	1	TUBE AS	
	3	2,3	**6V-0852**	2	CAP-DUST	
I	4	2	**8X-1872**	2	HOSE AS	
	5	2	**9U-0128**	1	TUBE AS	
	6	2	**9U-0130**	1	TUBE AS	
	7	2	**9U-0132**	1	BRACKET AS	
M		2	**8T-3490**	2	NUT-WELD (M10X1.5-THD)	
	8	2	**9U-0169**	1	GUARD AS	
	9	2	**9U-0172**	1	GUARD AS	
	10	3	**9U-0203**	1	BRACKET AS	
M		3	**8T-3490**	2	NUT-WELD (M10X1.5-THD)	
I	11	2	**9U-0902**	2	HOSE AS	
	12	2	**9U-1450**	1	MANIFOLD	
I	13	1	**9U-1494**	1	HOSE AS	
	14	3	**9U-1496**	1	BRACKET AS	
M		3	**8T-3597**	1	NUT-WELD (M12X1.75-THD)	
	15	2,3	**101-0606**	4	GUARD AS	
					(EACH INCLUDES)	
M		2,3	**8T-3597**	2	NUT-WELD (M12X1.75-THD)	
I	16	2	**110-2335**	2	HOSE AS	
	17	2,3	**115-2516**	2	BLOCK	
C	18	2	**135-7896**	1	CLAMP AS	
I	19	1	**145-2340**	2	HOSE AS	
	20	3	**207-2922**	1	GUARD	
	21	3	**207-2923**	1	GUARD	
	22	3	**207-2926**	1	TUBE AS	
	23	3	**207-2927**	1	BRACKET	
CY	24	2	*220-2718*	2	ACCUMULATOR GP-BRAKE (CHARGED)	958
	25	3	**241-1038**	1	TUBE AS	
I	26	1	**241-2917**	1	HOSE AS	
I	27	2	**241-3852**	1	HOSE AS	
	28	3	**241-5964**	1	BRACKET AS	
	29	2	**269-3289**	1	VALVE GP-BRAKE CONTROL (SERVICE)	
C	30	2	**336-7412**	1	TUBE AS	
C	31	2	**336-7413**	1	TUBE AS	
	32	2,3	*148-8315*	4	CONNECTOR AS	
					(EACH INCLUDES)	
		2,3	**2M-9780**	1	SEAL-O-RING	
		2,3	**6V-8642**	1	CONNECTOR	
		2,3	**7J-9108**	1	SEAL-O-RING	
	33	2	*148-8327*	5	CONNECTOR AS	
					(EACH INCLUDES)	
		2	**3D-2824**	1	SEAL-O-RING	
		2	**6V-8637**	1	CONNECTOR	
		2	**6V-9746**	1	SEAL-O-RING	
	34	2	*148-8335*	2	CONNECTOR AS	
					(EACH INCLUDES)	

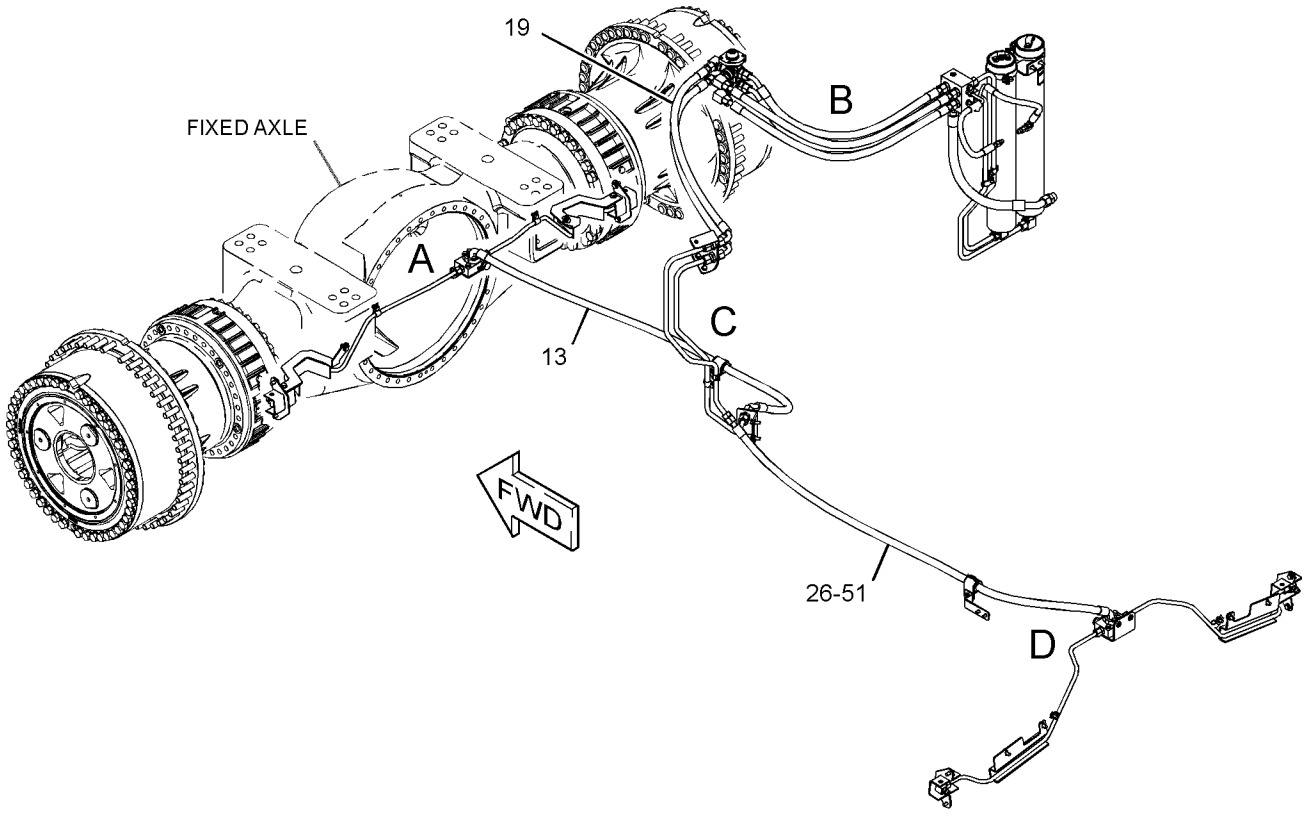
235-0640 **LINES GP-SERVICE BRAKE** (contd.) **i03551220**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		2	**5K-9090**	1	SEAL-O-RING	
		2	**6V-8635**	1	CONNECTOR	
		2	**7M-8485**	1	SEAL-O-RING	
	35	2	*148-8336*	4	CONNECTOR AS	
					(EACH INCLUDES)	
		2	**3J-1907**	1	SEAL-O-RING	
		2	**6V-8397**	1	SEAL-O-RING	
		2	**6V-8636**	1	CONNECTOR	
	36	2	*148-8339*	2	CONNECTOR AS	
					(EACH INCLUDES)	
		2	**6V-8716**	1	CONNECTOR (STRAIGHT)	
		2	**6V-9746**	1	SEAL-O-RING	
		2	**7M-8485**	1	SEAL-O-RING	
	37	2	*148-8347*	1	ELBOW AS	
		2	**3D-2824**	1	SEAL-O-RING	
		2	**6V-9007**	1	ELBOW	
		2	**6V-9746**	1	SEAL-O-RING	
	38	2	*148-8360*	5	ELBOW AS	
					(EACH INCLUDES)	
		2	**6V-9182**	1	ELBOW	
		2	**6V-9746**	1	SEAL-O-RING	
		2	**7M-8485**	1	SEAL-O-RING	
	39	2	*148-8367*	2	ELBOW AS	
					(EACH INCLUDES)	
		2	**6V-8397**	1	SEAL-O-RING	
		2	**6V-9850**	1	ELBOW	
	40	3	*148-8455*	3	UNION AS	
					(EACH INCLUDES)	
		3	**6V-8997**	1	UNION	
		3	**6V-9746**	2	SEAL-O-RING	
	41	2,3	*150-4048*	4	ELBOW AS	
					(EACH INCLUDES)	
		2,3	**3K-0360**	1	SEAL-O-RING	
		2,3	**6V-8722**	1	ELBOW	
		2,3	**7J-9108**	1	SEAL-O-RING	
	42	2	*153-6237*	1	ELBOW AS	
		2	**3D-2824**	1	SEAL-O-RING	
		2	**6V-9004**	1	ELBOW	
		2	**6V-9746**	1	SEAL-O-RING	
	43	3	*164-5567*	2	COUPLER AS-QUICK DISCONNECT (MALE)	
					(EACH INCLUDES)	
		3	**3J-1907**	1	SEAL-O-RING	
		3	**6V-3965**	1	FITTING (QUICK DISCONNECT)	
C	44	2	*304-8018*	1	ADAPTER AS	
		2	**3D-2824**	1	SEAL-O-RING	
		2	**6V-5258**	1	ADAPTER	
	45	3	**2P-1293**	3	LOCKNUT (1-3/16-12-THD)	
	46	2,3	**4J-0520**	2	SEAL-O-RING	
	47	2,3	**4K-8302**	4	CLIP (LOOP)	
	48	3	**5P-7466**	2	CLIP (SLOT)	
	49	3	**5P-7467**	2	CLIP (TAB)	
	50	3	**5P-8112**	2	GROMMET	

235-0640 **LINES GP-SERVICE BRAKE (**contd.**)** **i03551220**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	51	1	**6V-9746**	1	SEAL-O-RING	
	52	2,3	**8C-3206**	4	FLANGE-HALF	
	53	2,3	**8T-1887**	4	CLIP (SLOT)	
	54	2,3	**8T-1888**	4	CLIP (TAB)	
C	55	2,3	**8T-4121**	24	WASHER-HARD (11X21X2.5-MM THK)	
M	56	2	**8T-4133**	4	NUT (M10X1.5-THD)	
M	57	3	**8T-4136**	4	BOLT (M10X1.5X25-MM)	
CM	58	2,3	**8T-4137**	4	BOLT (M10X1.5X20-MM)	
CM	59	2,3	**8T-4139**	8	BOLT (M12X1.75X30-MM)	
CM	60	2,3	**8T-4179**	10	BOLT (M12X1.75X20-MM)	
M	61	2,3	**8T-4192**	16	BOLT (M12X1.75X25-MM)	
M	62	3	**8T-4196**	8	BOLT (M10X1.5X35-MM)	
C	63	2,3	**8T-4223**	38	WASHER-HARD (13.5X25.5X3-MM THK)	
M	64	2	**8T-4244**	2	NUT (M12X1.75-THD)	
CM	65	2	**8T-4956**	2	BOLT (M12X1.75X35-MM)	
M	66	2,3	**8T-6466**	4	BOLT (M10X1.5X60-MM)	

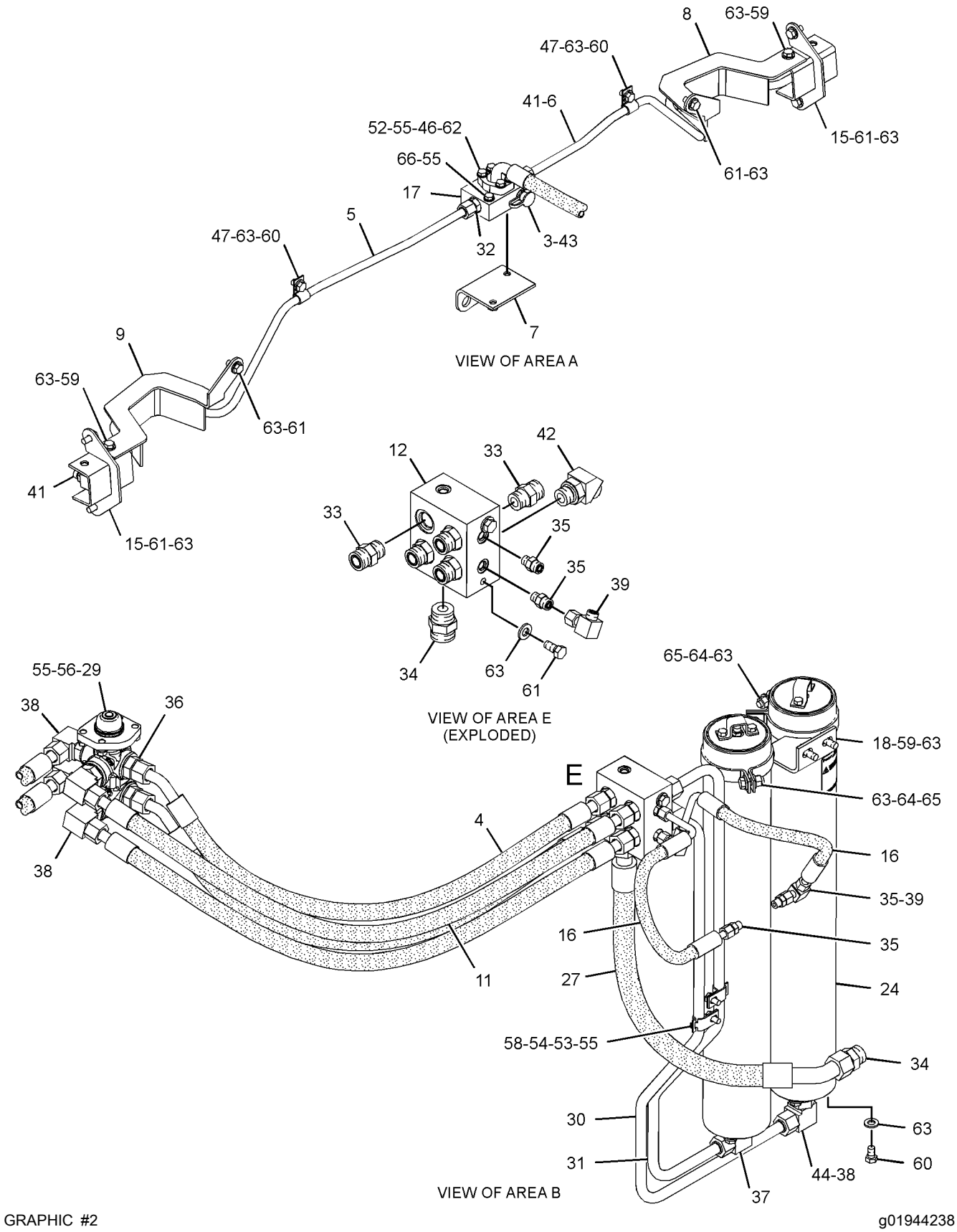
C - CHANGE FROM PREVIOUS TYPE
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART
Y - SEPARATE ILLUSTRATION



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

GRAPHIC #1 g01944237

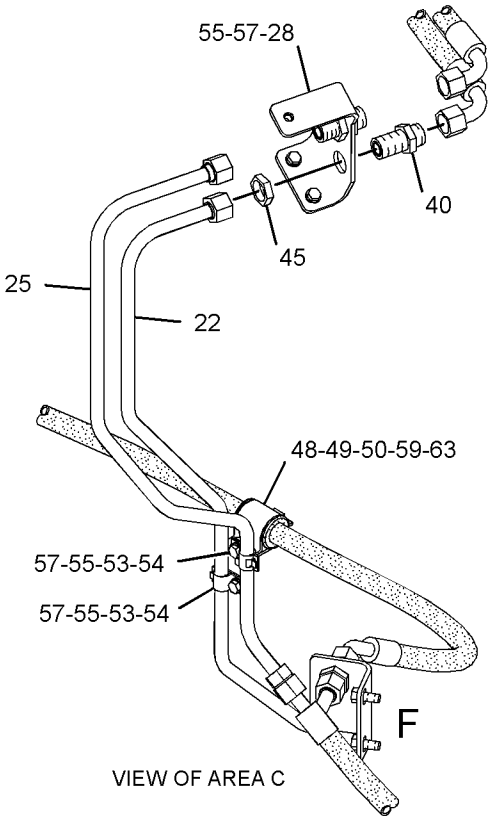
235-0640 **LINES GP-SERVICE BRAKE (**contd.**)** **i03551220**



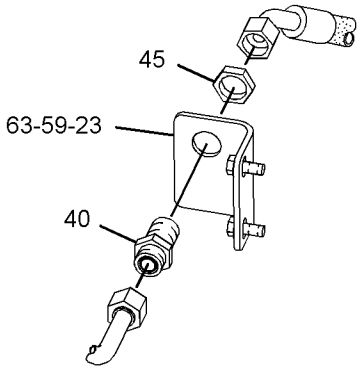
GRAPHIC #2

g01944238

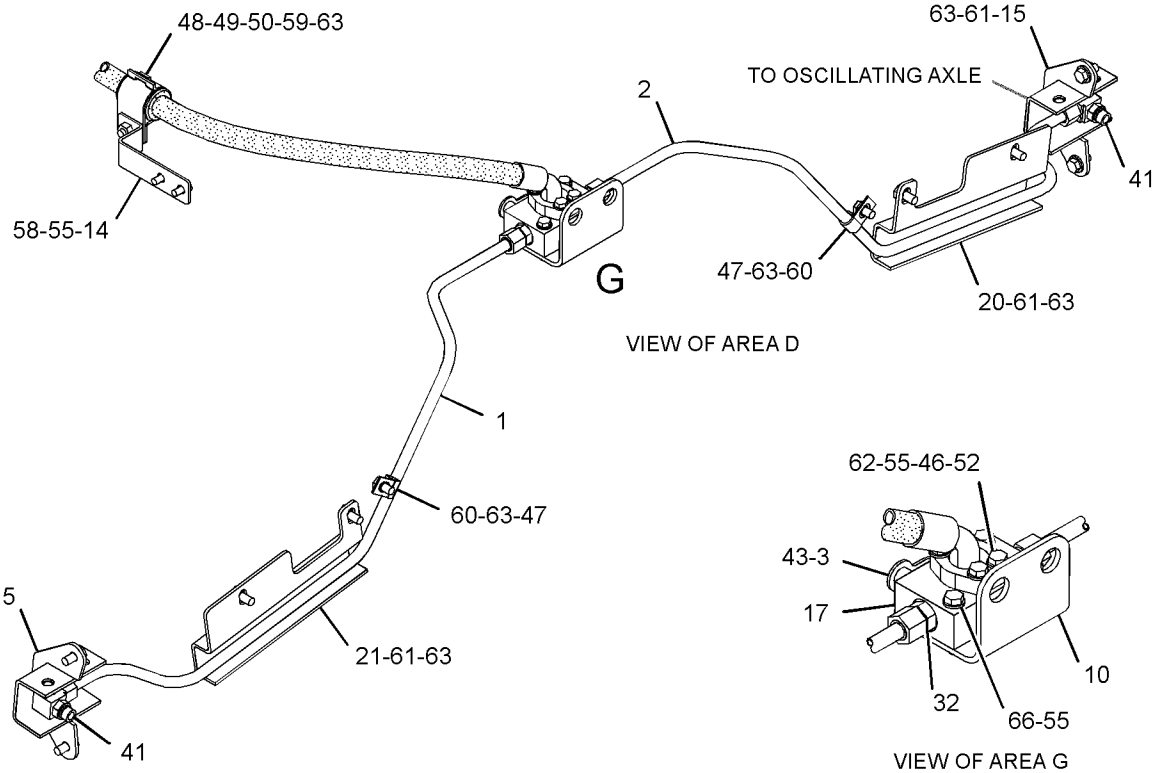
235-0640 **LINES GP-SERVICE BRAKE (**contd.**)** **i03551220**



VIEW OF AREA C



VIEW OF AREA F
(EXPLODED)



VIEW OF AREA D

VIEW OF AREA G

GRAPHIC #3 <END> g01944239

106-1774 VALVE GP-BRAKE CONTROL–PARKING

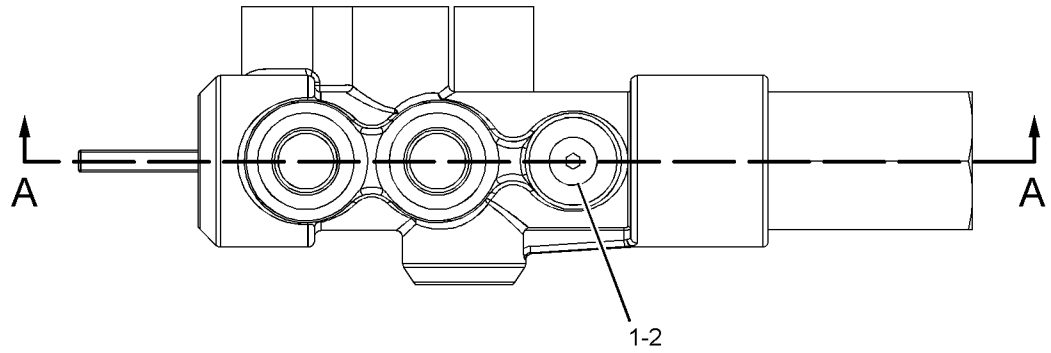
S/N: BTW1-UP

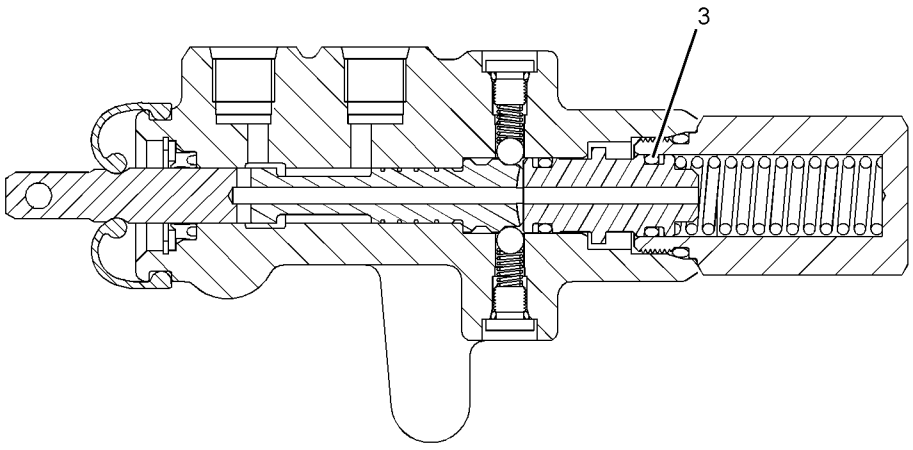
PART OF 235-0630 LINES GP-PARKING BRAKE

SMCS-4265, 4282

i02216715

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4J-7533**	2	SEAL-O-RING	
	2	1	**9S-8001**	2	PLUG	
	3	1	**257-7676**	1	KIT-REPAIR	
					(INCLUDES BOOT, SEALS, RETAINING, DETENT BALLS & SPRINGS)	





SECTION A-A

GRAPHIC #1 <END> g01118794

234-0351 VALVE GP-RELIEF—BRAKE SYSTEM BACKUP

S/N: BTW1-UP

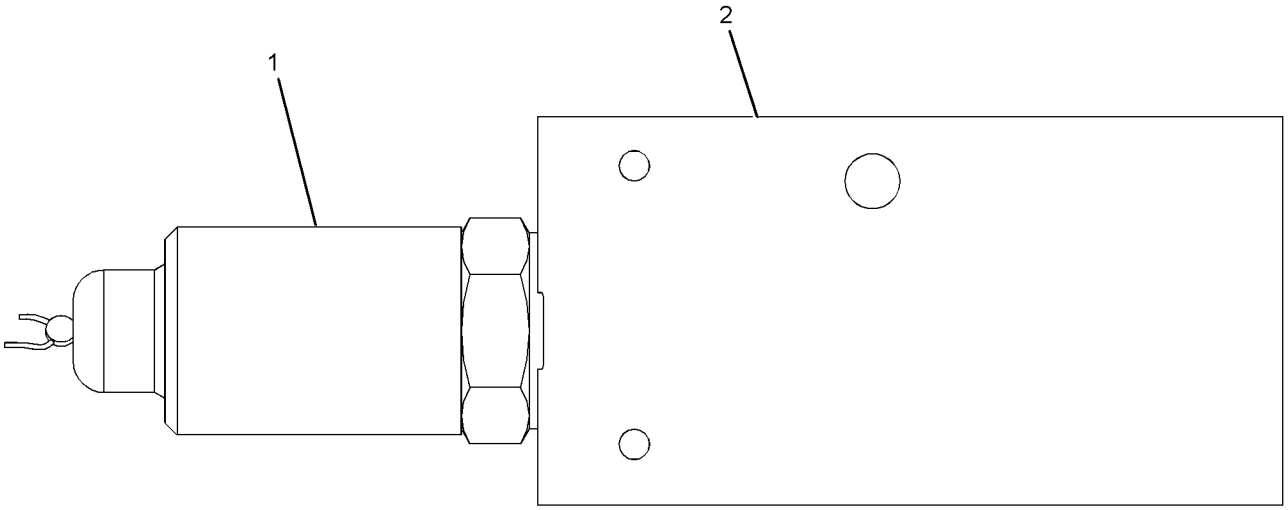
PART OF 229-7359 LINES GP-PILOT

SMCS-4322, 5069, 7428

i01972298

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
J	1	1	**234-0352**	1	VALVE GP-RELIEF	
	2	1	**234-0353**	1	MANIFOLD	
					AVAILABLE REPAIR KIT(S):	
J			**238-2838**	1	KIT-SEAL	
					(INCLUDES 2 O-RINGS & BACKUP RING)	

J - KIT MARKED J SERVICES PART(S) MARKED J



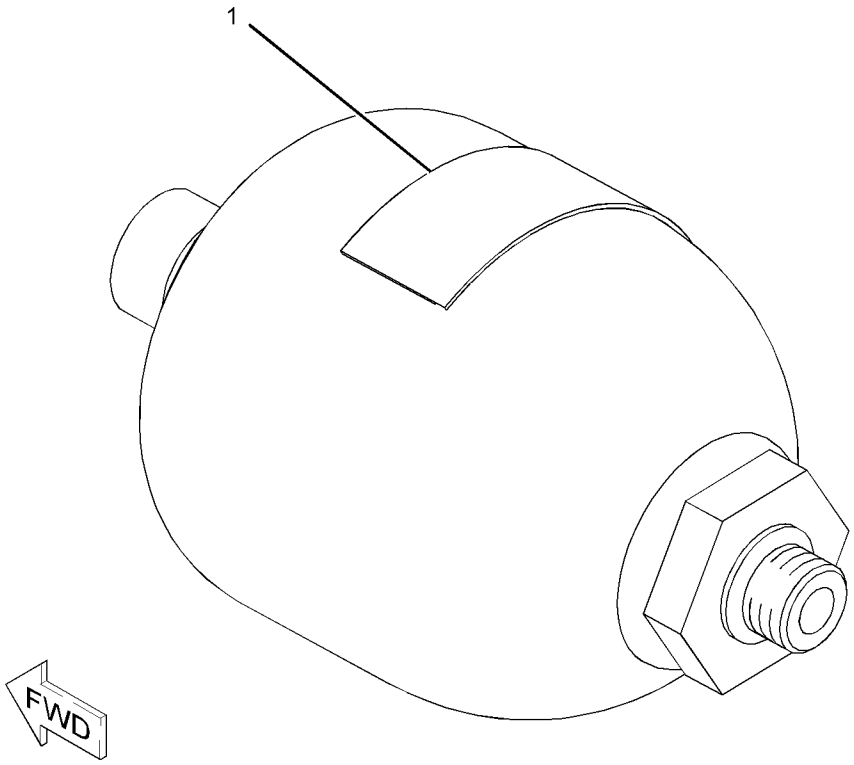
GRAPHIC #1 <END> g01050776

226-0420 ACCUMULATOR GP-HYDRAULIC–CHARGED

S/N: BTW1-UP
FIELD REPLACEMENT ORDER 230-3489–PAGE: 994
PART OF 229-7359 LINES GP-PILOT

SMCS-5077 **i06643323**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**232-3317**	1	FILM-IDENTIFICATION (HYDRAULIC ACCUMULATOR)	



GRAPHIC #1 <END> g02722396

230-3489 ACCUMULATOR GP-PILOT OIL–UNCHARGED

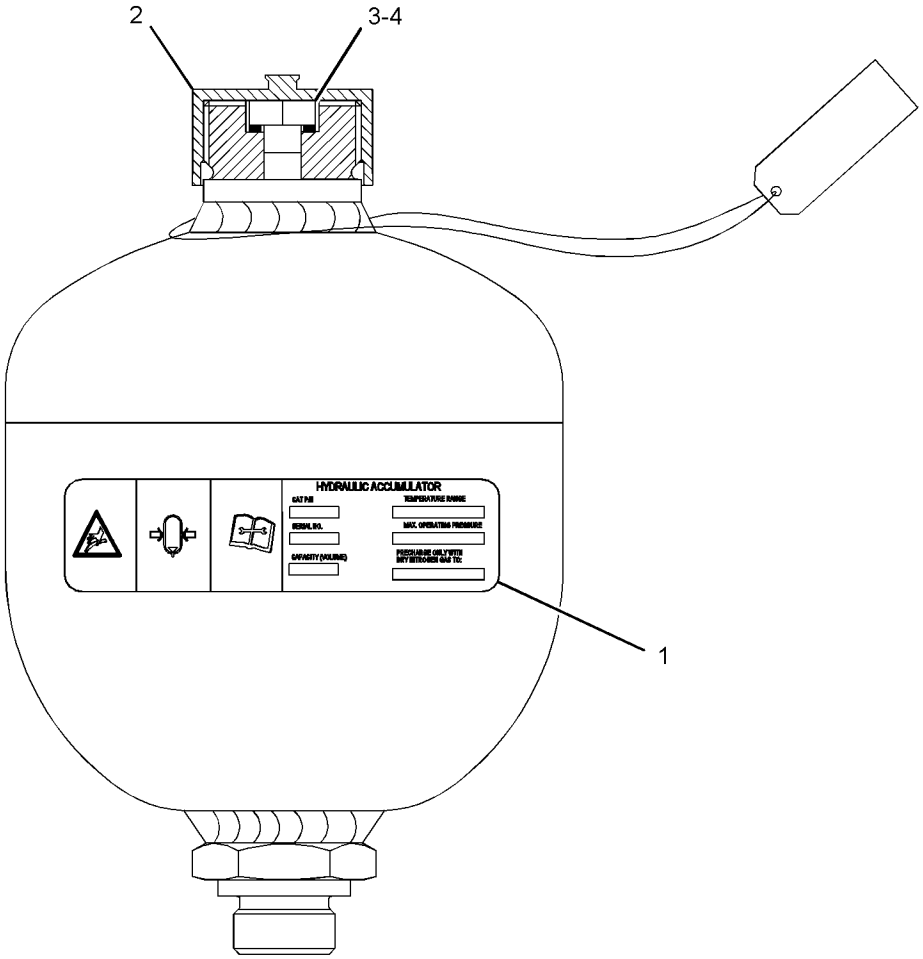
S/N: BTW1-UP

FIELD REPLACEMENT FOR 226-0420–PAGE: 993

SMCS-5077 **i06752818**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**232-3317**	1	FILM-IDENTIFICATION (HYDRAULIC ACCUMULATOR)	
	2	1	**312-1139**	1	CAP	
M	3	1	**222-3785**	1	SCREW-VENT (M8X1.5-THD)	
	4	1	**222-5765**	1	SEAL-RING	

M - METRIC PART



GRAPHIC #1 <END> g03883345

1U-3953 CARTRIDGE GP-VANE PUMP—FRONT*R

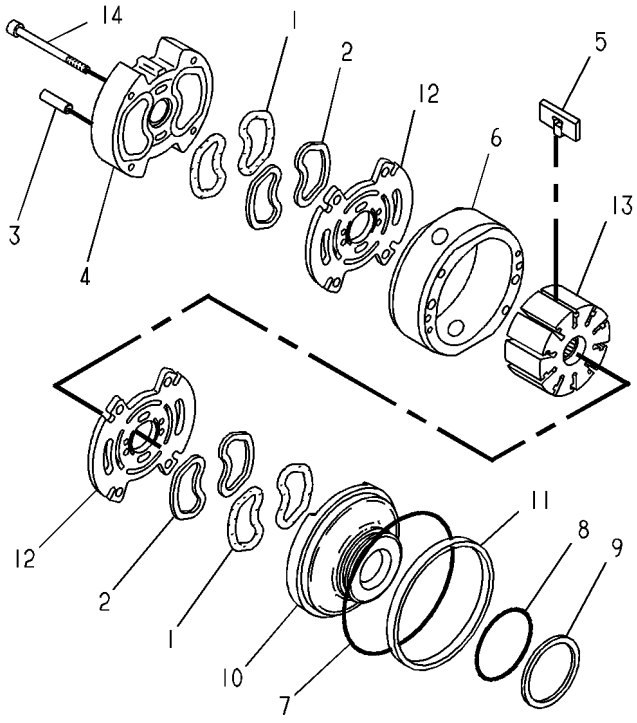
S/N: BTW1-UP

PART OF 157-0956 PUMP GP-VANE

SMCS-5055 **i01645287**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8C-3079**	4	SEAL-O-RING	
	2	1	**3G-1264**	4	RETAINER-SEAL	
BE	3	1	**9T-5042**	2	DOWEL	
	4	1	**9T-5050**	1	PLATE-INLET	
	5	1	**9T-5057**	1	KIT-VANE	
	6	1	**9T-5077**	1	RING	
	7	1	**5D-5958**	1	SEAL-O-RING	
	8	1	**061-9457**	1	SEAL-O-RING	
	9	1	**9T-5087**	1	RING	
	10	1	**9T-5092**	1	PLATE-OUTLET	
	11	1	**3G-1820**	1	RING-SEAL	
	12	1	**9T-5100**	2	PLATE-FLEX	
	13	1	**9T-5107**	1	ROTOR	
	14	1	**9T-5112**	2	BOLT (1/4-28X2.87-IN)	

B - USE AS REQUIRED
E - ORDER BY THE CENTIMETER



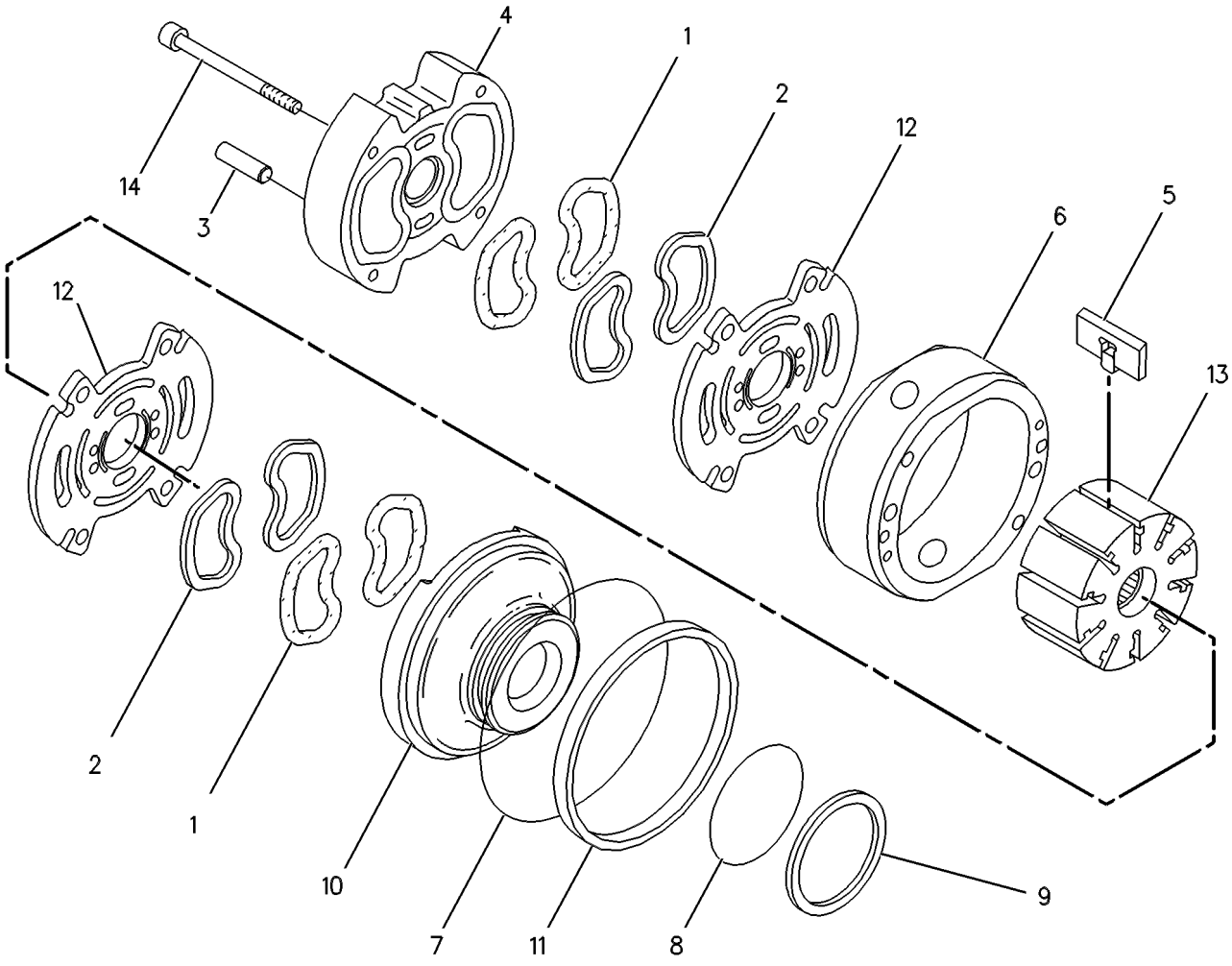
GRAPHIC #1 <END> g00116326

3G-7663 CARTRIDGE GP-VANE PUMP–REAR*R

S/N: BTW1-UP
64 L/MIN (17 GPM)
PART OF 157-0956 PUMP GP-VANE

SMCS-5055 **i05086791**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8C-3078**	4	SEAL-O-RING	
	2	1	**3G-2192**	4	RETAINER-SEAL	
	3	1	**9T-5041**	2	DOWEL	
	4	1	**9T-5048**	1	PLATE-INLET	
	5	1	**064-7311**	1	KIT-VANE (VANE PUMP) (HYDRAULIC)	
					(INCLUDES VANES & INSERTS)	
	6	1	**9T-5069**	1	RING	
	7	1	**6V-1197**	1	SEAL-O-RING	
	8	1	**8J-4351**	1	SEAL-O-RING	
	9	1	**9T-5086**	1	RING	
	10	1	**9T-5090**	1	PLATE-OUTLET	
	11	1	**3G-2193**	1	RING-SEAL	
	12	1	**9T-5098**	2	PLATE-FLEX	
	13	1	**064-7310**	1	ROTOR-PUMP	
	14	1	**9T-5110**	2	SCREW (10-32X57.15-MM)	



GRAPHIC #1 <END> g00117530

274-6867 COOLER GP-HYDRAULIC OIL

S/N: BTW1-UP

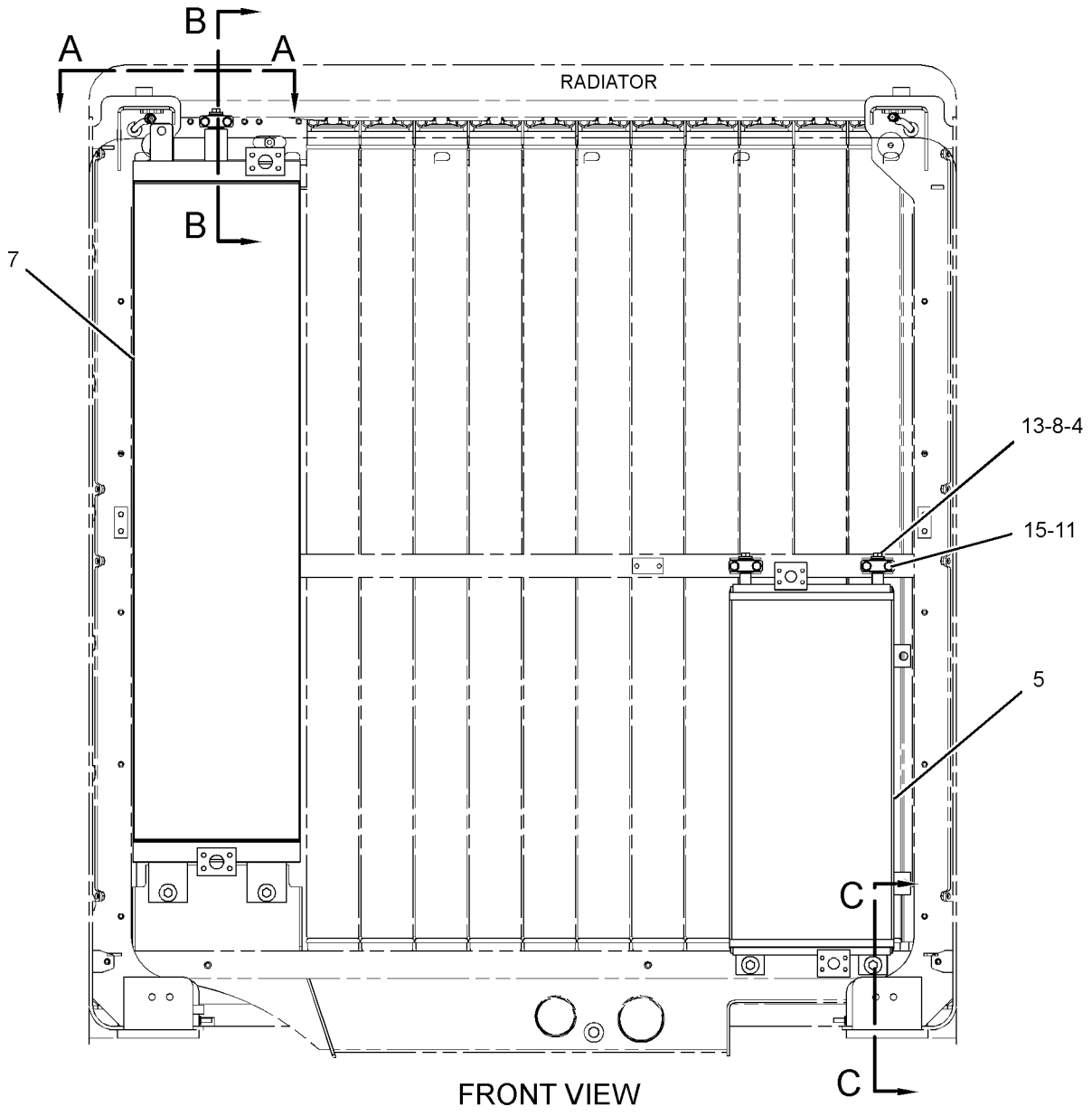
PART OF 276-2543 RADIATOR AR

SMCS-1374 **i02426244**

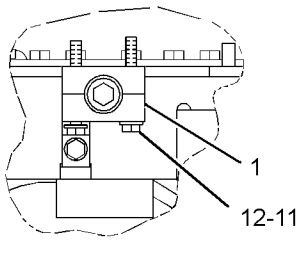
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1M-6298**	6	CLAMP-MOUNTING	
	2	1	**1P-5411**	4	SLEEVE	
	3	1	**1P-5412**	8	BUSHING-TERMINAL	
	4	1	**3H-8726**	3	MOUNT AS	
	5	1	**191-4600**	1	CORE AS-HYDRAULIC OIL COOLER	
	6	1	**261-6916**	4	SPACER (13.8X35X20-MM THK)	
	7	1	**275-7895**	1	CORE AS-OIL COOLER	
	8	1	**5P-1076**	3	WASHER-HARD (13.5X30X4-MM THK)	
	9	1	**7X-0618**	4	WASHER-HARD (13.5X40X5-MM THK)	
M	10	1	**7X-2549**	4	BOLT (M12X1.75X100-MM)	
	11	1	**8T-4121**	6	WASHER-HARD (11X21X2.5-MM THK)	
M	12	1	**8T-4172**	2	BOLT (M10X1.5X80-MM)	
M	13	1	**8T-4194**	2	BOLT (M12X1.75X50-MM)	
M	14	1	**8T-4910**	1	BOLT (M12X1.75X60-MM)	
M	15	1	**8T-5005**	4	BOLT (M10X1.5X70-MM)	

M - METRIC PART

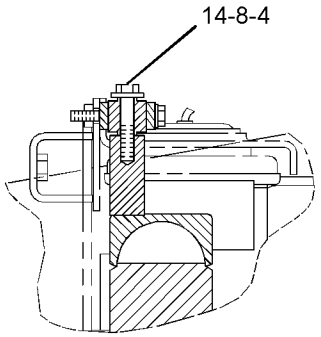
274-6867 **COOLER GP-HYDRAULIC OIL** (contd.) **i02426244**



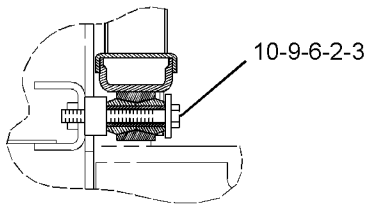
FRONT VIEW



VIEW A-A



SECTION B-B



SECTION C-C

GRAPHIC #1 <END> g01219748

377-4725 CYLINDER & MTG GP-ANGLE BLADE

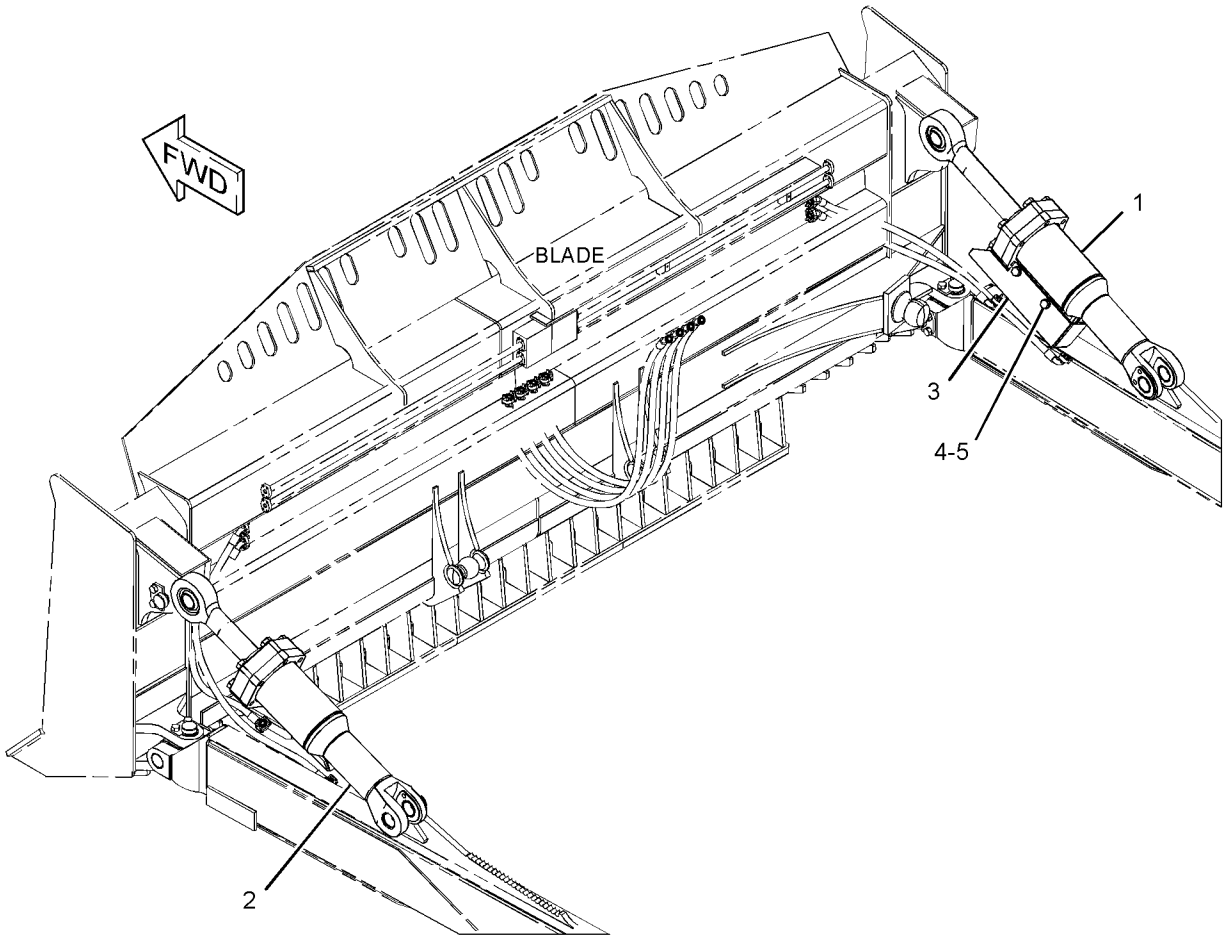
S/N: BTW1-UP

PART OF 209-3276 BULLDOZER AR

SMCS-7562 **i05340324**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**109-8832**	1	CYLINDER GP-TILT (RH)	1012
Y	2	1	**109-8833**	1	CYLINDER GP-TILT (LH)	1014
	3	1	**154-1923**	2	GUARD AS	
M	4	1	**7X-2574**	8	BOLT (M24X3X45-MM)	
	5	1	**8T-4167**	8	WASHER-HARD (26X44X4-MM THK)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g03401030

152-9757 CYLINDER & MTG GP-LIFT

S/N: BTW1-UP

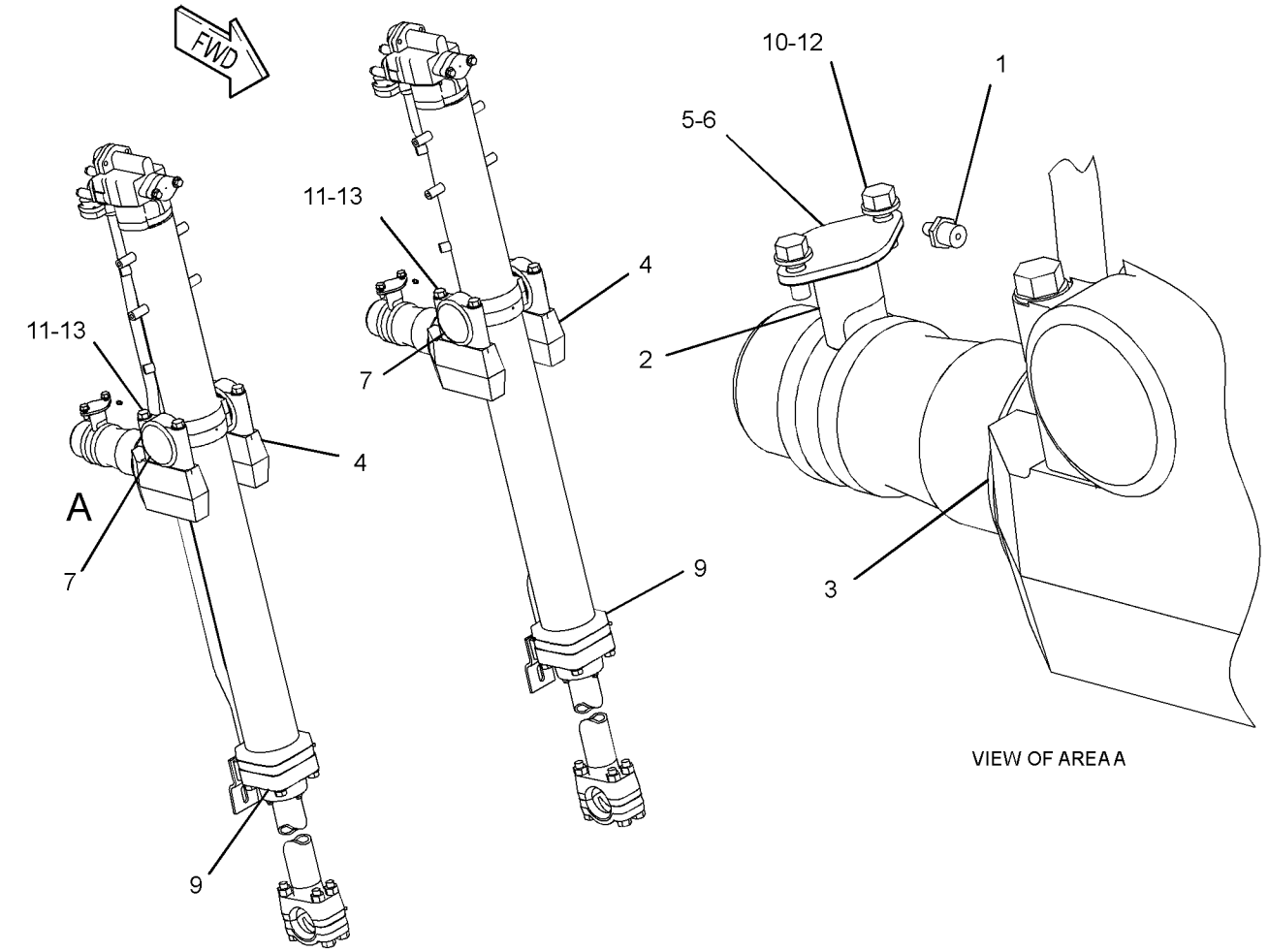
PART OF 230-3277 HYDRAULIC AR

SMCS-5102 **i05845605**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3B-8489**	2	FITTING-GREASE (1/8-27 PTF)	
	2	1	**4T-4875**	2	PIN	
	3	1	**5P-5520**	2	SEAL-LIP TYPE	
C	4	1	**296-5363**	2	YOKE AS	
					(EACH INCLUDES)	
M		1	**8T-4170**	4	BOLT (M20X2.5X150-MM)	
		1	**154-1580**	4	WASHER-HARD (22X38X6-MM THK)	
		1	**241-3853**	2	CAP AS	
					(EACH INCLUDES)	
		1	**9J-5284**	1	BUSHING	
	5	1	**9J-5717**	2	COVER	
	6	1	**9J-5718**	2	GASKET	
C	7	1	**241-3853**	4	CAP AS	
Y	9	1	*153-1778*	2	CYLINDER & VALVE GP-LIFT	1002
	10	1	**8T-4223**	4	WASHER-HARD (13.5X25.5X3-MM THK)	
C	11	1	**154-1580**	8	WASHER-HARD (22X38X6-MM THK)	
	12	1	**8T-8917**	4	BOLT (1/2-13X1.25-IN)	
CM	13	1	**8T-4170**	8	BOLT (M20X2.5X150-MM)	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
Y - SEPARATE ILLUSTRATION

152-9757 **CYLINDER & MTG GP-LIFT (**contd.**)** **i05845605**



GRAPHIC #1 <END> g01173115

153-1778 CYLINDER & VALVE GP-LIFT–LH

S/N: BTW1-179

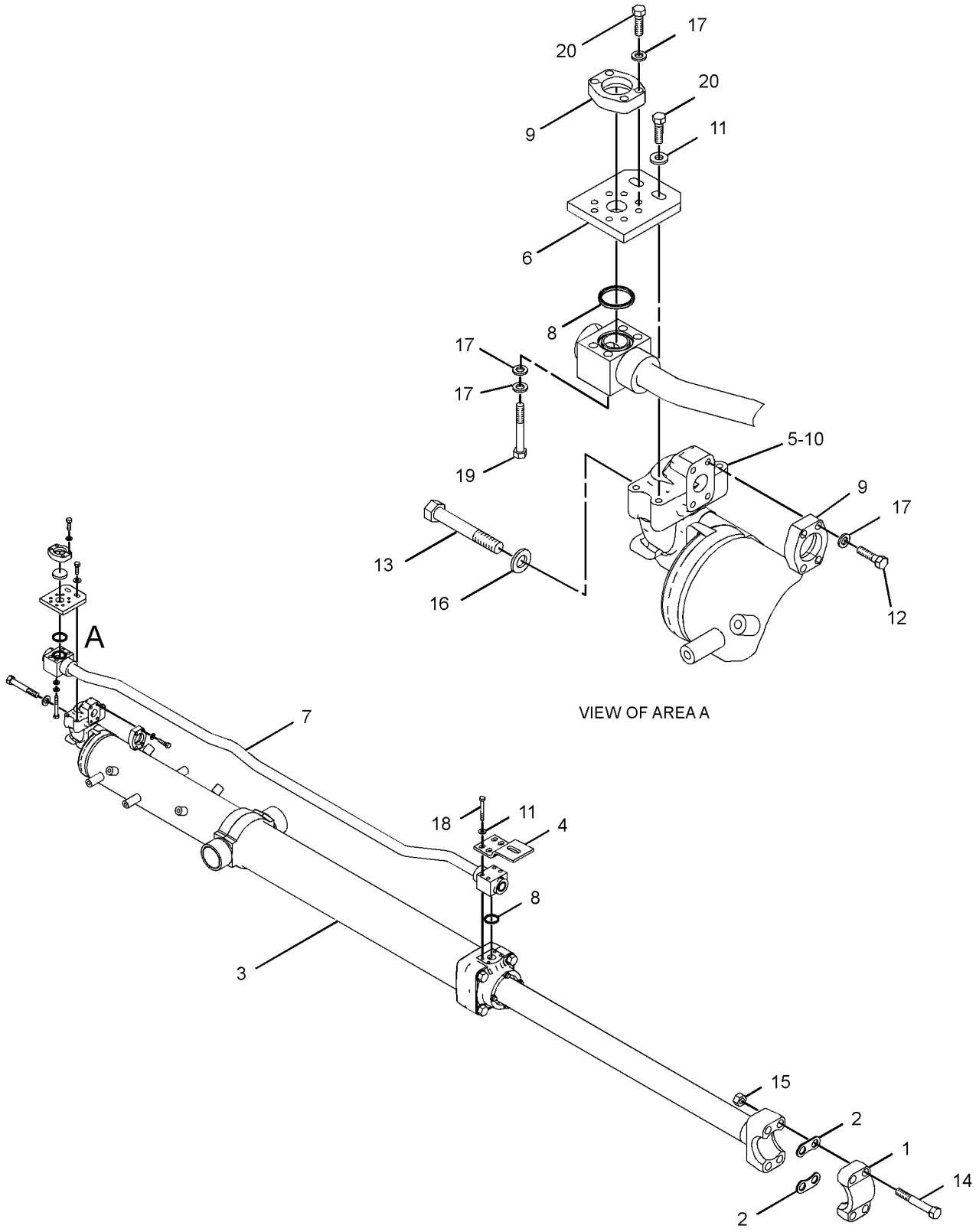
PART OF 152-9757 CYLINDER & MTG GP-LIFT

SMCS-5102, 5110 **i02364733**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3G-0910**	1	CAP-BEARING	
	2	1	**3G-0911**	12	SHIM (0.8-MM THK)	
Y	3	1	**4Z-6424**	1	CYLINDER GP-LIFT	1010
	4	1	**7T-4890**	1	PLATE	
C	5	1	**8E-1243**	1	MANIFOLD	
C	6	1	**8E-9572**	1	PLATE	
C	7	1	**267-5055**	1	TUBE AS	
	8	1	**1P-3704**	2	SEAL-RECTANGULAR	
	9	1	**1P-4577**	4	FLANGE-HALF	
C	10	1	**4J-0526**	1	SEAL-O-RING	
C	11	1	**5P-1075**	6	WASHER-HARD (10.2X22.5X3-MM THK)	
C	12	1	**5S-7382**	4	BOLT (3/8-16X1.375-IN)	
CM	13	1	**7X-0353**	2	BOLT (5/8-11X4.25-IN)	
	14	1	**7X-0392**	4	BOLT (7/8-9X6-IN)	
	15	1	**7X-0449**	4	NUT-FULL (7/8-9-THD)	
C	16	1	**8T-4122**	2	WASHER-HARD (17X32X3.5-MM THK)	
C	17	1	**8T-4896**	16	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	18	1	**8T-7008**	4	BOLT (3/8-16X3-IN)	
C	19	1	**8T-9101**	4	BOLT (3/8-16X2.75-IN)	
C	20	1	**9B-7237**	6	BOLT (3/8-16X1.25-IN)	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
Y - SEPARATE ILLUSTRATION

153-1778 **CYLINDER & VALVE GP-LIFT (**contd.**)** **i02364733**



GRAPHIC #1 <END> g01219799

153-1778 CYLINDER & VALVE GP-LIFT–LH

S/N: BTW180

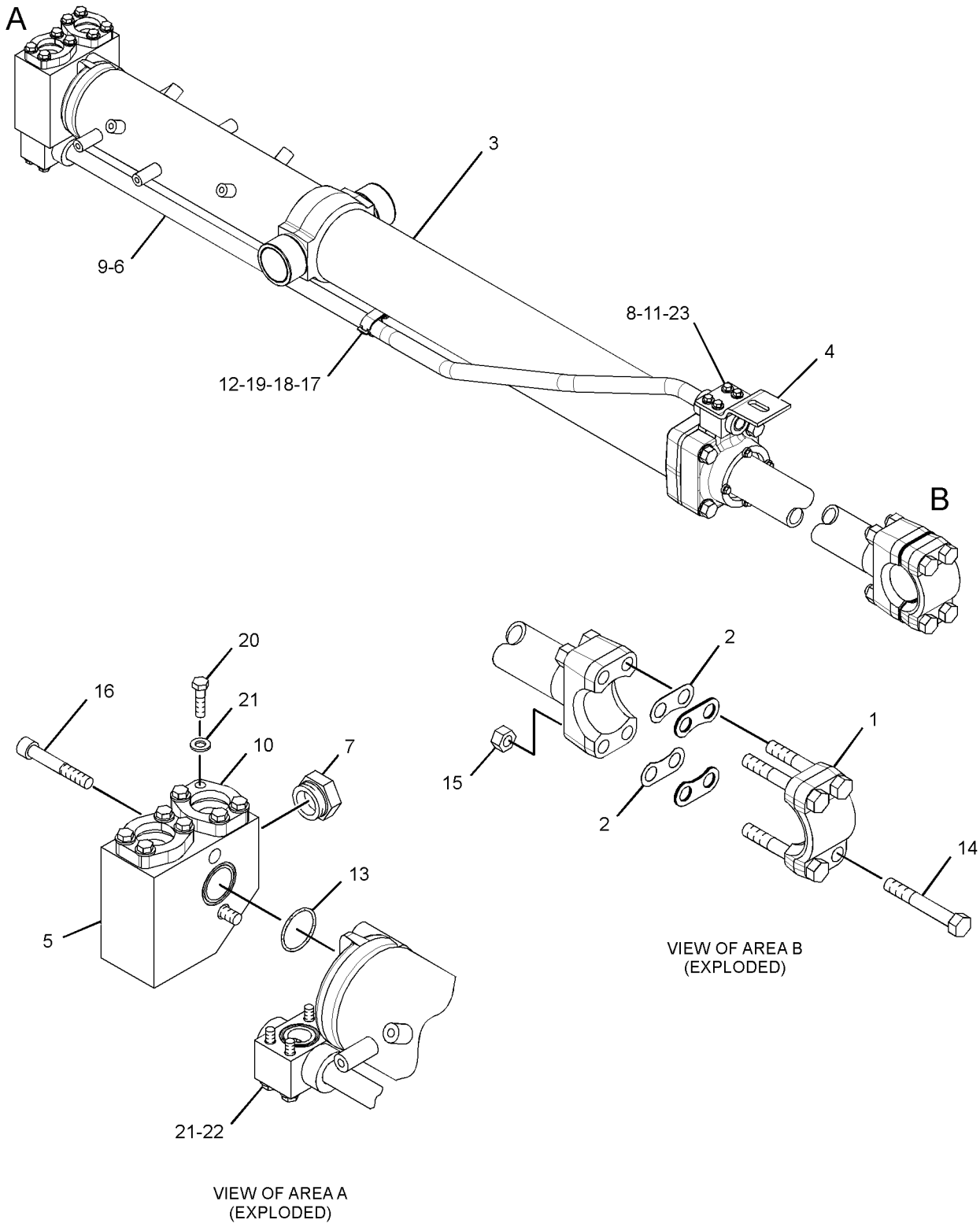
PART OF 152-9757 CYLINDER & MTG GP-LIFT

SMCS-5102, 5110 **i03147500**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3G-0910**	1	CAP-BEARING	
	2	1	**3G-0911**	12	SHIM (0.8-MM THK)	
Y	3	1	**4Z-6424**	1	CYLINDER GP-LIFT	1010
	4	1	**7T-4890**	1	PLATE	
C	5	1	**290-5763**	1	MANIFOLD	
C	6	1	**319-6987**	1	TUBE AS	
C	7	1	*174-1530*	1	PLUG AS	
		1	**1N-5998**	1	PLUG	
		1	**6K-6307**	1	SEAL-O-RING	
C	8	1	**1P-3704**	1	SEAL-RECTANGULAR	
C	9	1	**1P-3705**	1	SEAL-RECTANGULAR	
C	10	1	**1P-4579**	4	FLANGE-HALF	
C	11	1	**5P-1075**	4	WASHER-HARD (10.2X22.5X3-MM THK)	
C	12	1	**5P-1076**	1	WASHER-HARD (13.5X30X4-MM THK)	
C	13	1	**7F-8268**	1	SEAL-O-RING	
	14	1	**7X-0392**	4	BOLT (7/8-9X6-IN)	
	15	1	**7X-0449**	4	NUT-FULL (7/8-9-THD)	
C	16	1	**8L-4743**	2	BOLT-SOCKET HEAD (5/8-11X4-IN)	
C	17	1	**8S-0023**	1	CLIP (SLOT)	
C	18	1	**8S-0024**	1	CLIP (TAB)	
CM	19	1	**8T-4183**	1	BOLT (M12X1.75X40-MM)	
CM	20	1	**8T-4184**	8	BOLT (M12X1.75X45-MM)	
C	21	1	**8T-4223**	12	WASHER-HARD (13.5X25.5X3-MM THK)	
CM	22	1	**8T-6868**	4	BOLT (M12X1.75X80-MM)	
	23	1	**8T-7008**	4	BOLT (3/8-16X3-IN)	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
Y - SEPARATE ILLUSTRATION

153-1778 **CYLINDER & VALVE GP-LIFT (**contd.**)** **i03147500**



GRAPHIC #1 <END> g01709334

153-1778 CYLINDER & VALVE GP-LIFT–LH

S/N: BTW181-188

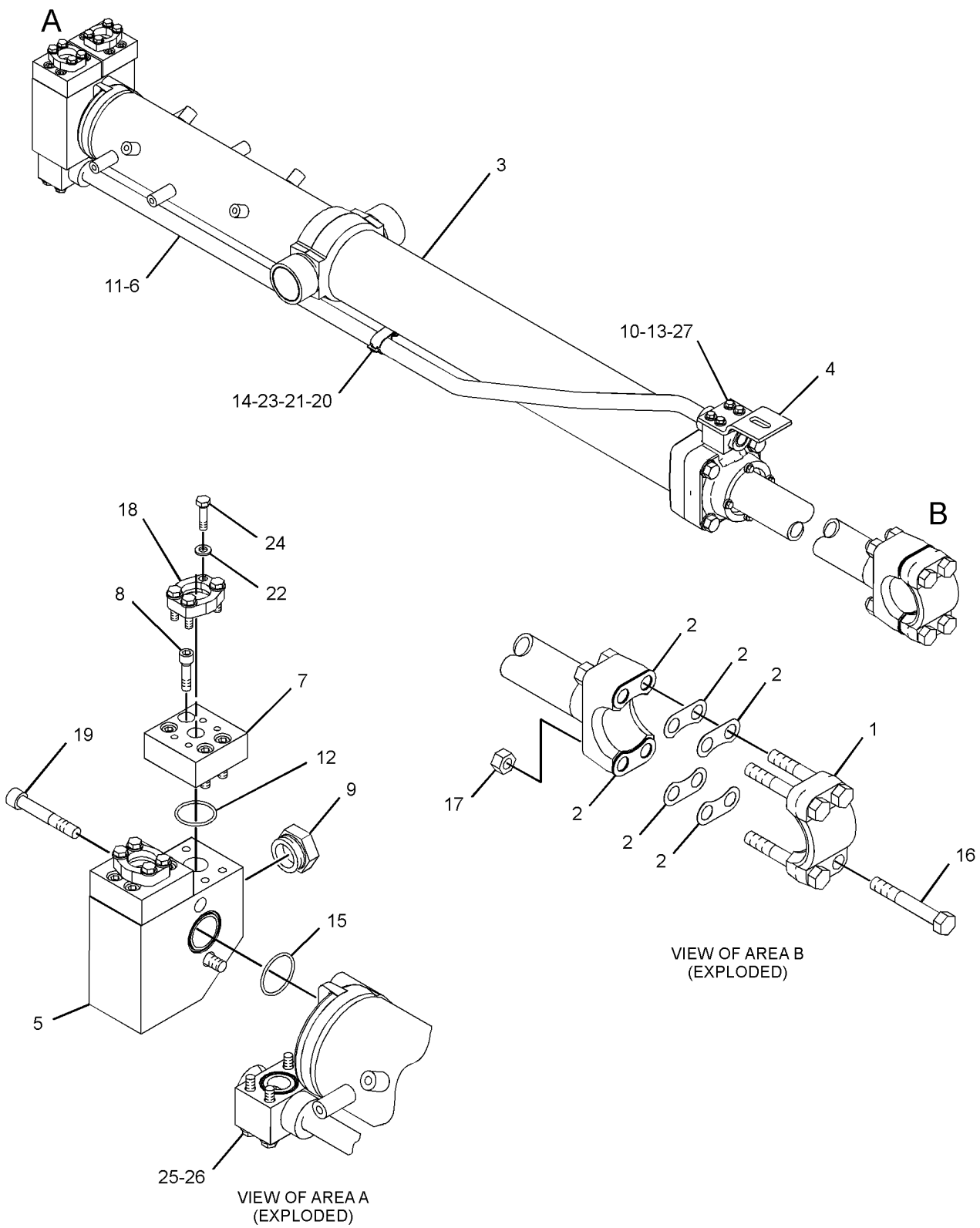
PART OF 152-9757 CYLINDER & MTG GP-LIFT

SMCS-5102, 5110 **i03316067**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3G-0910**	1	CAP-BEARING	
	2	1	**3G-0911**	12	SHIM (0.8-MM THK)	
Y	3	1	**4Z-6424**	1	CYLINDER GP-LIFT	1010
	4	1	**7T-4890**	1	PLATE	
	5	1	**290-5763**	1	MANIFOLD	
	6	1	**319-6987**	1	TUBE AS	
C	7	1	**335-1878**	2	ADAPTER	
CM	8	1	**095-0670**	8	BOLT (M12X1.75X45-MM)	
	9	1	*174-1530*	1	PLUG AS	
		1	**1N-5998**	1	PLUG	
		1	**6K-6307**	1	SEAL-O-RING	
	10	1	**1P-3704**	1	SEAL-RECTANGULAR	
	11	1	**1P-3705**	1	SEAL-RECTANGULAR	
C	12	1	**4J-0524**	2	SEAL-O-RING	
	13	1	**5P-1075**	4	WASHER-HARD (10.2X22.5X3-MM THK)	
	14	1	**5P-1076**	1	WASHER-HARD (13.5X30X4-MM THK)	
	15	1	**7F-8268**	1	SEAL-O-RING	
	16	1	**7X-0392**	4	BOLT (7/8-9X6-IN)	
	17	1	**7X-0449**	4	NUT-FULL (7/8-9-THD)	
C	18	1	**8C-3206**	4	FLANGE-HALF	
	19	1	**8L-4743**	2	BOLT-SOCKET HEAD (5/8-11X4-IN)	
	20	1	**8S-0023**	1	CLIP (SLOT)	
	21	1	**8S-0024**	1	CLIP (TAB)	
C	22	1	**8T-4121**	8	WASHER-HARD (11X21X2.5-MM THK)	
M	23	1	**8T-4183**	1	BOLT (M12X1.75X40-MM)	
CM	24	1	**8T-4186**	8	BOLT (M10X1.5X40-MM)	
C	25	1	**8T-4223**	4	WASHER-HARD (13.5X25.5X3-MM THK)	
M	26	1	**8T-6868**	4	BOLT (M12X1.75X80-MM)	
	27	1	**8T-7008**	4	BOLT (3/8-16X3-IN)	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
Y - SEPARATE ILLUSTRATION

153-1778 **CYLINDER & VALVE GP-LIFT (**contd.**)** **i03316067**



GRAPHIC #1 <END> g01753253

153-1778 CYLINDER & VALVE GP-LIFT–LH

S/N: BTW189-UP

PART OF 152-9757 CYLINDER & MTG GP-LIFT

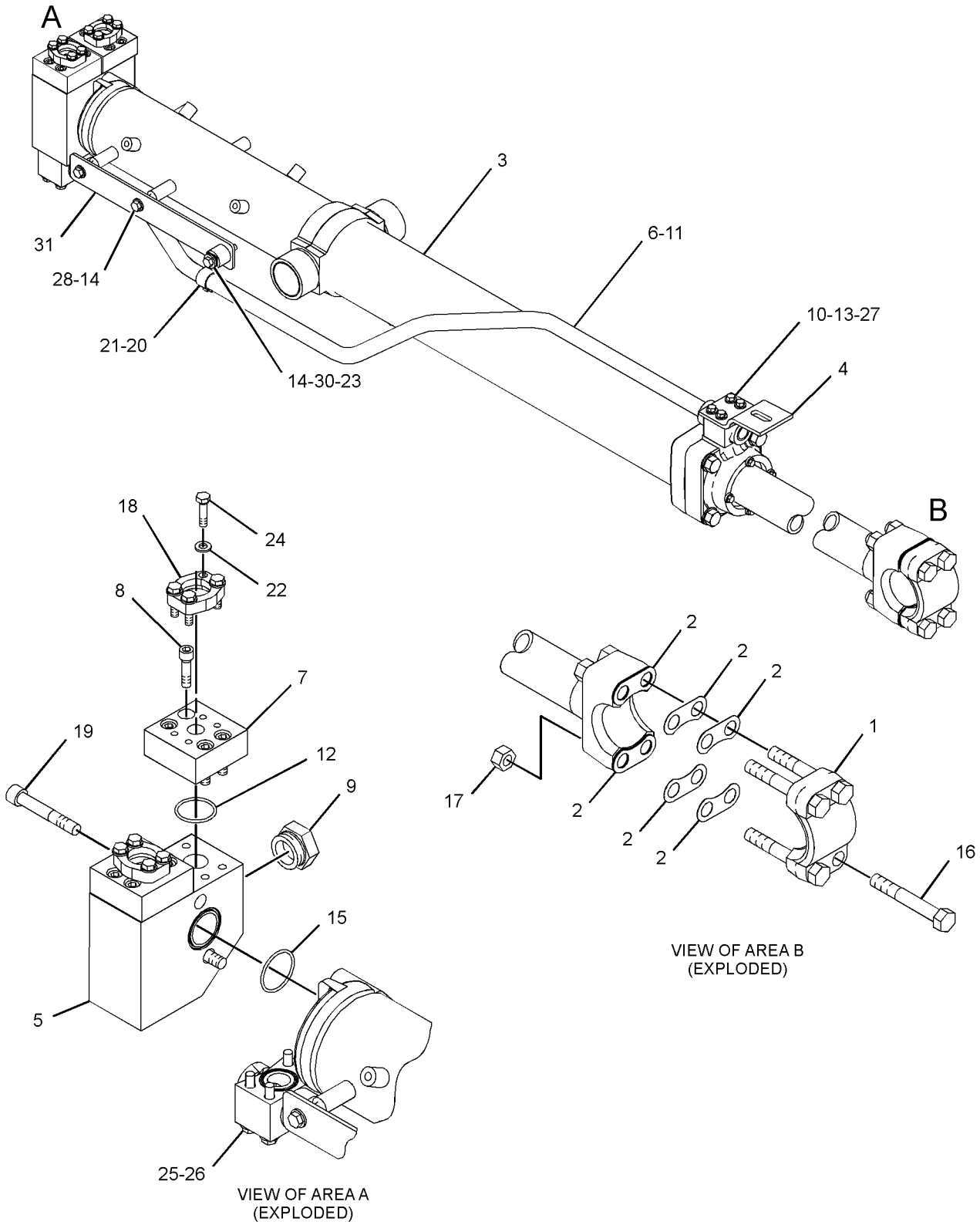
SMCS-5102, 5110

i04109714

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3G-0910**	1	CAP-BEARING	
	2	1	**3G-0911**	12	SHIM (0.8-MM THK)	
Y	3	1	**4Z-6424**	1	CYLINDER GP-LIFT	1010
	4	1	**7T-4890**	1	PLATE	
	5	1	**290-5763**	1	MANIFOLD	
	6	1	**360-7661**	1	TUBE AS	
	7	1	**335-1878**	2	ADAPTER	
M	8	1	**095-0670**	8	BOLT (M12X1.75X45-MM)	
	9	1	*174-1530*	1	PLUG AS	
		1	**1N-5998**	1	PLUG	
		1	**6K-6307**	1	SEAL-O-RING	
	10	1	**1P-3704**	1	SEAL-RECTANGULAR	
	11	1	**1P-3705**	1	SEAL-RECTANGULAR	
	12	1	**4J-0524**	2	SEAL-O-RING	
	13	1	**5P-1075**	4	WASHER-HARD (10.2X22.5X3-MM THK)	
C	14	1	**5P-1076**	4	WASHER-HARD (13.5X30X4-MM THK)	
	15	1	**7F-8268**	1	SEAL-O-RING	
	16	1	**7X-0392**	4	BOLT (7/8-9X6-IN)	
	17	1	**7X-0449**	4	NUT-FULL (7/8-9-THD)	
	18	1	**8C-3206**	4	FLANGE-HALF	
	19	1	**8L-4743**	2	BOLT-SOCKET HEAD (5/8-11X4-IN)	
	20	1	**8S-0023**	1	CLIP (SLOT)	
	21	1	**8S-0024**	1	CLIP (TAB)	
	22	1	**8T-4121**	8	WASHER-HARD (11X21X2.5-MM THK)	
CM	23	1	**8T-4956**	1	BOLT (M12X1.75X35-MM)	
CM	24	1	**8T-4186**	8	BOLT (M10X1.5X40-MM)	
C	25	1	**8T-4223**	4	WASHER-HARD (13.5X25.5X3-MM THK)	
M	26	1	**8T-6868**	4	BOLT (M12X1.75X80-MM)	
	27	1	**8T-7008**	4	BOLT (3/8-16X3-IN)	
C	28	1	**8T-8917**	2	BOLT (1/2-13X1.25-IN)	
CM	30	1	**8T-4244**	1	NUT (M12X1.75-THD)	
C	31	1	**360-7663**	1	PLATE	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
Y - SEPARATE ILLUSTRATION

153-1778 **CYLINDER & VALVE GP-LIFT (**contd.**)** **i04109714**



GRAPHIC #1 <END> g02549993

4Z-6424 CYLINDER GP-LIFT

S/N: BTW1-UP

133.35 MM (5.25 IN) BORE X 1535 MM (60.4 IN) STROKE

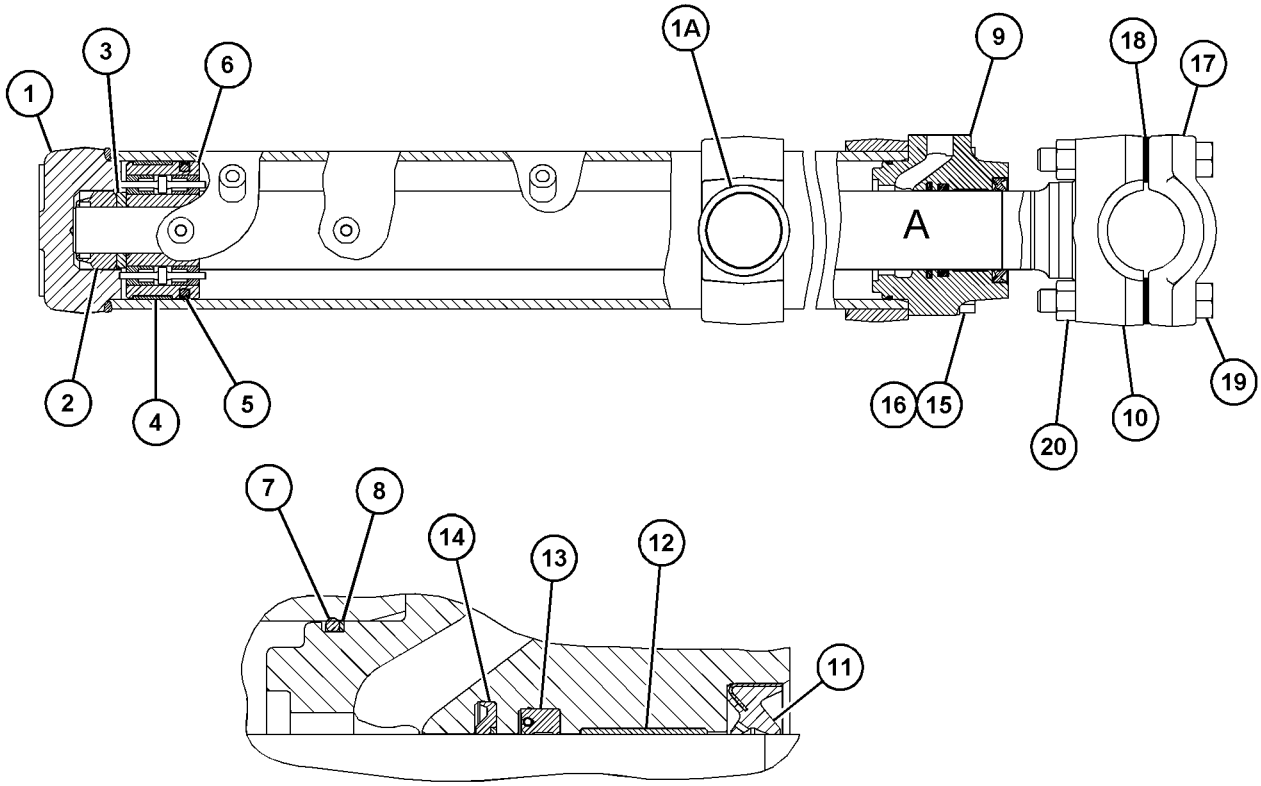
PART OF 153-1778 CYLINDER & VALVE GP-LIFT

SMCS-5102 **i06944712**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
R	1	1	**3G-8194**	1	CYLINDER AS	
	1A	1	**5J-1192**	2	BUSHING	
	2	1	**5J-5731**	1	LOCKNUT (1-3/4-12-THD)	
	3	1	**3G-8191**	1	WASHER	
J	4	1	**9J-7978**	1	RING-WEAR	
J	5	1	**8T-0763**	1	SEAL AS	
	6	1	**4Z-6423**	1	PISTON AS	
		1	**4Z-6422**	4	INSERT	
		1	**5J-2528**	2	PLUNGER	
J	7	1	**5F-3106**	1	SEAL-O-RING	
J	8	1	**2J-7767**	1	RING-BACKUP	
	9	1	**106-6267**	1	HEAD	
R	10	1	**4T-0406**	1	ROD AS	
HJ	11	1	**312-4247**	1	SEAL-WIPER	
HJ	12	1	**9T-0094**	1	RING-WEAR	
	13	1	**9X-7412**	1	SEAL-U-CUP	
HJ	14	1	**312-4248**	1	SEAL AS-BUFFER	
	15	1	**1D-4610**	4	BOLT (3/4-10X3.25-IN)	
	16	1	**5P-8248**	4	WASHER-HARD (20X36.5X3.5-MM THK)	
	17	1	**3G-0910**	1	CAP-BEARING	
B	18	1	**3G-0911**	12	SHIM (0.8-MM THK)	
	19	1	**7X-0392**	4	BOLT (7/8-9X6-IN)	
	20	1	**7X-0449**	4	NUT-FULL (7/8-9-THD)	
					AVAILABLE REPAIR KIT(S):	
J			**319-3561**	1	KIT-SEAL	
					(ALSO INCLUDES U-CUP SEAL)	
H			**319-3564**	1	KIT-SEAL	
					(ALSO INCLUDES O-RING, SEAL AS, WEAR-RING, SEAL-HEAD, U-CUP SEAL)	

B - USE AS REQUIRED
H - KIT MARKED H SERVICES PART(S) MARKED H
J - KIT MARKED J SERVICES PART(S) MARKED J
R - REMANUFACTURED PART MAY BE AVAILABLE

4Z-6424 **CYLINDER GP-LIFT (**contd.**)** **i06944712**



VIEW OF AREA A

GRAPHIC #1 <END> g06186738

109-8832 CYLINDER GP-TILT–RH

S/N: BTW1-UP

209.55-MM (8.25-IN) BORE X 188-MM (7.4-IN) STROKE

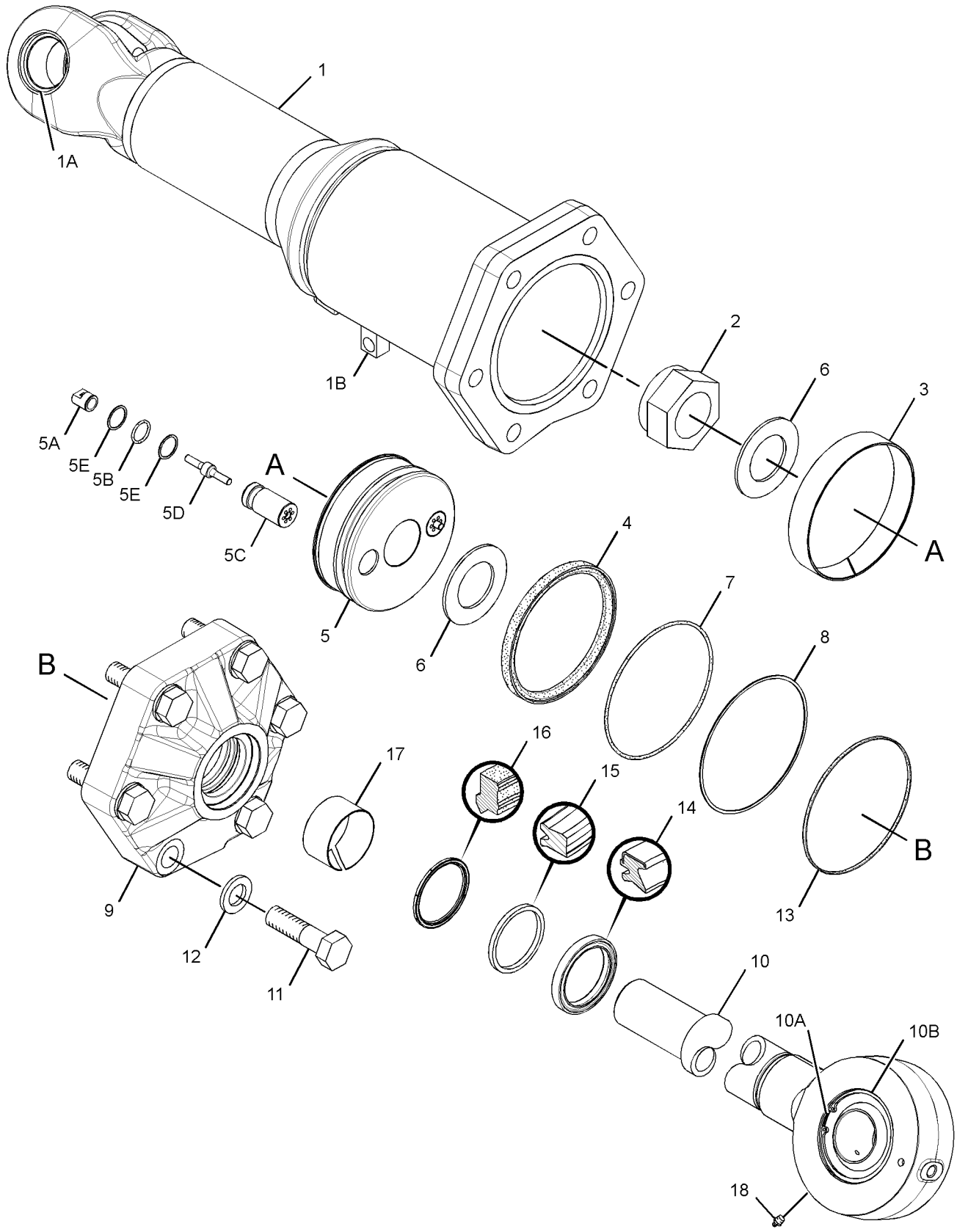
PART OF 377-4725 CYLINDER & MTG GP-ANGLE BLADE

SMCS-5104 **i07103949**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
R	1	1	**109-8836**	1	CYLINDER AS (RH)	
	1A	1	**1U-2182**	2	BUSHING	
	1B	1	**109-6784**	3	LUG	
	2	1	**4J-6888**	1	LOCKNUT (2-3/4-12-THD)	
	3	1	**4J-7376**	1	RING-WEAR	
	4	1	**8T-1793**	1	SEAL AS	
	5	1	**122-9350**	1	PISTON AS	
	5A	1	**1J-8569**	2	INSERT-PISTON	
	5B	1	**2H-3932**	2	SEAL-O-RING	
	5C	1	**109-4670**	2	INSERT	
	5D	1	**122-9351**	2	PLUNGER	
	5E	1	**3K-8692**	4	RING-BACKUP	
	6	1	**9T-1878**	2	WASHER (70.5X120X4.76-MM THK)	
	7	1	**8J-4386**	1	SEAL-O-RING	
	8	1	**3G-3747**	1	RING-BACKUP	
	9	1	**109-6779**	1	HEAD	
R	10	1	**6E-4859**	1	ROD AS	
	10A	1	**7J-3297**	1	BEARING	
	10B	1	**8T-9044**	1	RING-RETAINING	
M	11	1	**8T-0283**	6	BOLT (M30X3.5X110-MM)	
	12	1	**9X-8399**	6	WASHER (33X56X6-MM THK)	
	13	1	**8T-8382**	1	SEAL-HEAD	
	14	1	**311-9318**	1	SEAL-WIPER	
	15	1	**311-9317**	1	SEAL-U-CUP	
	16	1	**311-9316**	1	SEAL AS-BUFFER	
	17	1	**8T-3329**	1	RING-WEAR	
	18	1	**3B-8489**	1	FITTING-GREASE (1/8-27 PTF)	
					AVAILABLE REPAIR KIT(S):	
			245-6835	1	KIT-SEAL (HYDRAULIC CYLINDER)	
					(INCLUDES RINGS & SEALS)	

M - METRIC PART
R - REMANUFACTURED PART MAY BE AVAILABLE

109-8832 **CYLINDER GP-TILT (**contd.**)** **i07103949**



GRAPHIC #1 <END> g01789713

109-8833 CYLINDER GP-TILT–LH

S/N: BTW1-UP

209.55-MM (8.25-IN) BORE X 188-MM (7.4-IN) STROKE

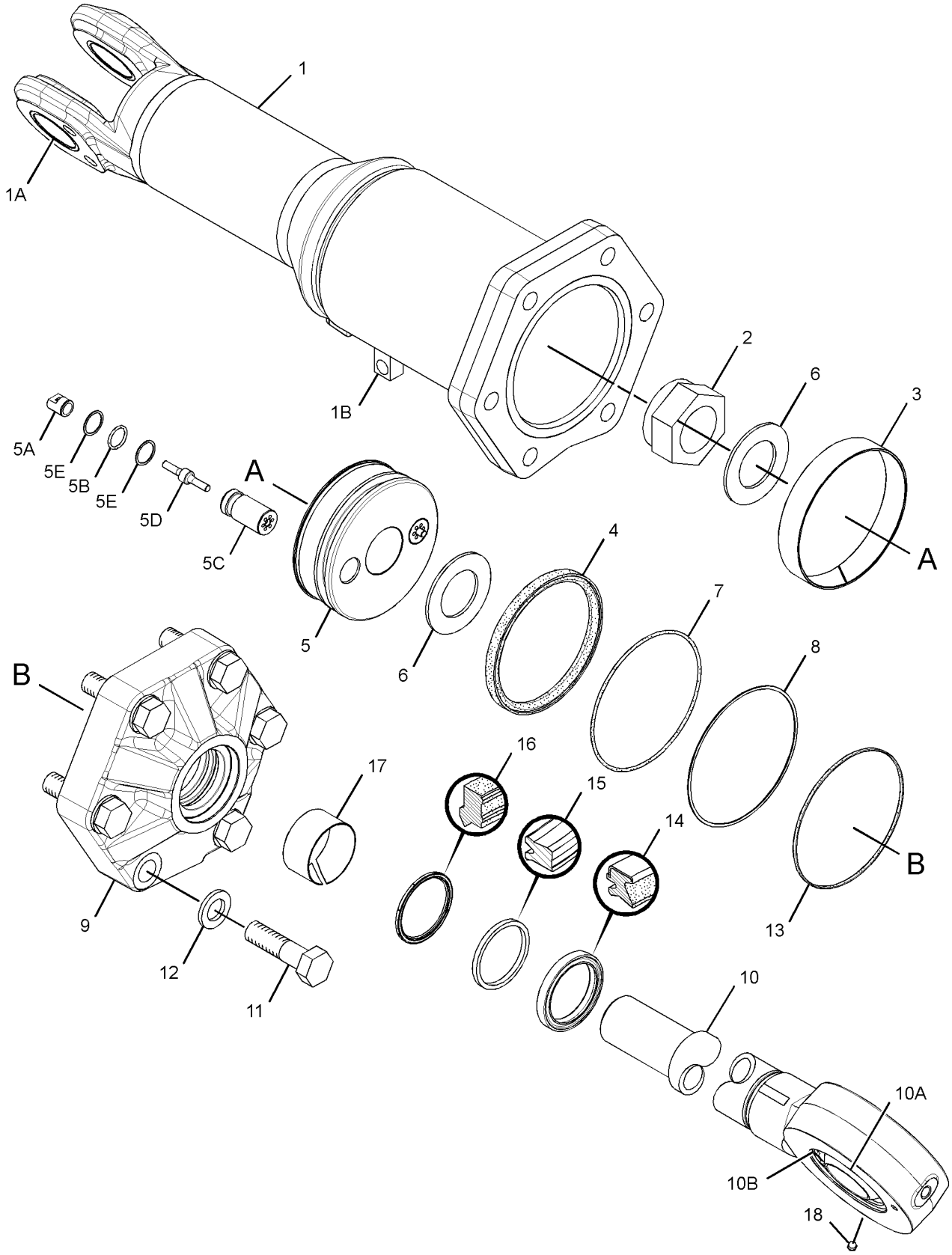
PART OF 377-4725 CYLINDER & MTG GP-ANGLE BLADE

SMCS-5104 **i07103950**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
R	1	1	**109-8837**	1	CYLINDER AS (LH)	
	1A	1	**1U-2182**	2	BUSHING	
	1B	1	**109-6784**	3	LUG	
	2	1	**4J-6888**	1	LOCKNUT (2-3/4-12-THD)	
	3	1	**4J-7376**	1	RING-WEAR	
	4	1	**8T-1793**	1	SEAL AS	
	5	1	**122-9350**	1	PISTON AS	
	5A	1	**1J-8569**	2	INSERT-PISTON	
	5B	1	**2H-3932**	2	SEAL-O-RING	
	5C	1	**109-4670**	2	INSERT	
	5D	1	**122-9351**	2	PLUNGER	
	5E	1	**3K-8692**	4	RING-BACKUP	
	6	1	**9T-1878**	2	WASHER (70.5X120X4.76-MM THK)	
	7	1	**8J-4386**	1	SEAL-O-RING	
	8	1	**3G-3747**	1	RING-BACKUP	
	9	1	**109-6779**	1	HEAD	
R	10	1	**6E-4859**	1	ROD AS	
	10A	1	**7J-3297**	1	BEARING	
	10B	1	**8T-9044**	1	RING-RETAINING	
M	11	1	**8T-0283**	6	BOLT (M30X3.5X110-MM)	
	12	1	**9X-8399**	6	WASHER (33X56X6-MM THK)	
	13	1	**8T-8382**	1	SEAL-HEAD	
	14	1	**311-9318**	1	SEAL-WIPER	
C	15	1	**311-9317**	1	SEAL-U-CUP	
C	16	1	**311-9316**	1	SEAL AS-BUFFER	
C	17	1	**8T-3329**	1	RING-WEAR	
	18	1	**3B-8489**	1	FITTING-GREASE (1/8-27 PTF) (CYLINDER EYE BEARING)	
					AVAILABLE REPAIR KIT(S):	
			245-6835	1	KIT-SEAL (HYDRAULIC CYLINDER)	
					(INCLUDES RINGS & SEALS)	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
R - REMANUFACTURED PART MAY BE AVAILABLE

109-8833 **CYLINDER GP-TILT (**contd.**)** **i07103950**



GRAPHIC #1 <END> g01789714

6E-4835 CYLINDER GP-TILT & TIP–LH

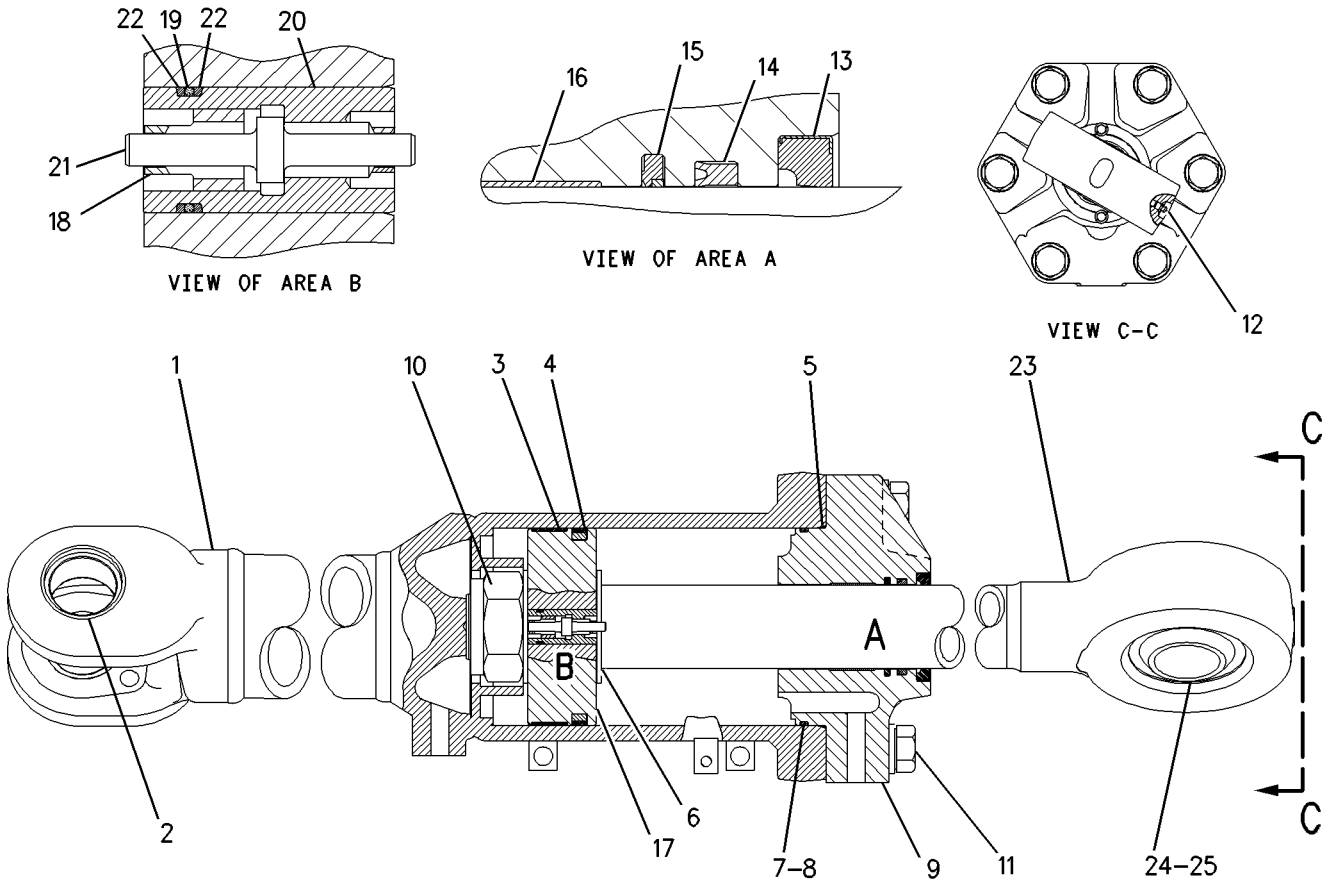
S/N: BTW1-226
209.55 MM (8.25 IN) BORE X 188 MM (7.4 IN) STROKE
PART OF 149-5957 PUSH ARM GP

SMCS-5104, 5106 **i04431407**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
R	1	1	**6E-4858**	1	CYLINDER AS (LH)	
	2	1	**1U-2182**	2	BUSHING	
J	3	1	**4J-7376**	1	RING-WEAR	
J	4	1	**8T-1793**	1	SEAL AS	
J	5	1	**8T-8382**	1	SEAL-HEAD	
	6	1	**9T-1878**	2	WASHER (70.5X120X4.76-MM THK)	
J	7	1	**8J-4386**	1	SEAL-O-RING	
J	8	1	**3G-3747**	1	RING-BACKUP	
	9	1	**9T-5283**	1	HEAD	
	10	1	**4J-6888**	1	LOCKNUT (2-3/4-12-THD)	
	11	1	**5M-0544**	6	BOLT (1-1/8-7X4.5-IN)	
		1	**3S-1349**	6	WASHER-HARD (31X52.5X6-MM THK)	
	12	1	**3B-8489**	1	FITTING-GREASE (1/8-27 PTF)	
J	13	1	**167-2474**	1	SEAL-WIPER	
J	14	1	**167-2324**	1	SEAL-U-CUP	
J	15	1	**167-2211**	1	SEAL AS-BUFFER	
J	16	1	**8T-3329**	1	RING-WEAR	
	17	1	**122-9350**	1	PISTON AS	
	18	1	**1J-8569**	2	INSERT-PISTON	
	19	1	**2H-3932**	2	SEAL-O-RING	
	20	1	**109-4670**	2	INSERT	
	21	1	**122-9351**	2	PLUNGER	
	22	1	**3K-8692**	4	RING-BACKUP	
R	23	1	**6E-4859**	1	ROD AS	
	24	1	**6V-3340**	1	BEARING-SPHERICAL	
	25	1	**5J-9454**	1	RING-RETAINING	
					AVAILABLE REPAIR KIT(S):	
J			**245-6835**	1	KIT-SEAL (TILT, TIP CYLINDER)	

J - KIT MARKED J SERVICES PART(S) MARKED J
R - REMANUFACTURED PART MAY BE AVAILABLE

6E-4835 **CYLINDER GP-TILT & TIP** (contd.) **i04431407**



GRAPHIC #1 <END> g00764404

6E-4836 CYLINDER GP-TILT & TIP–RH

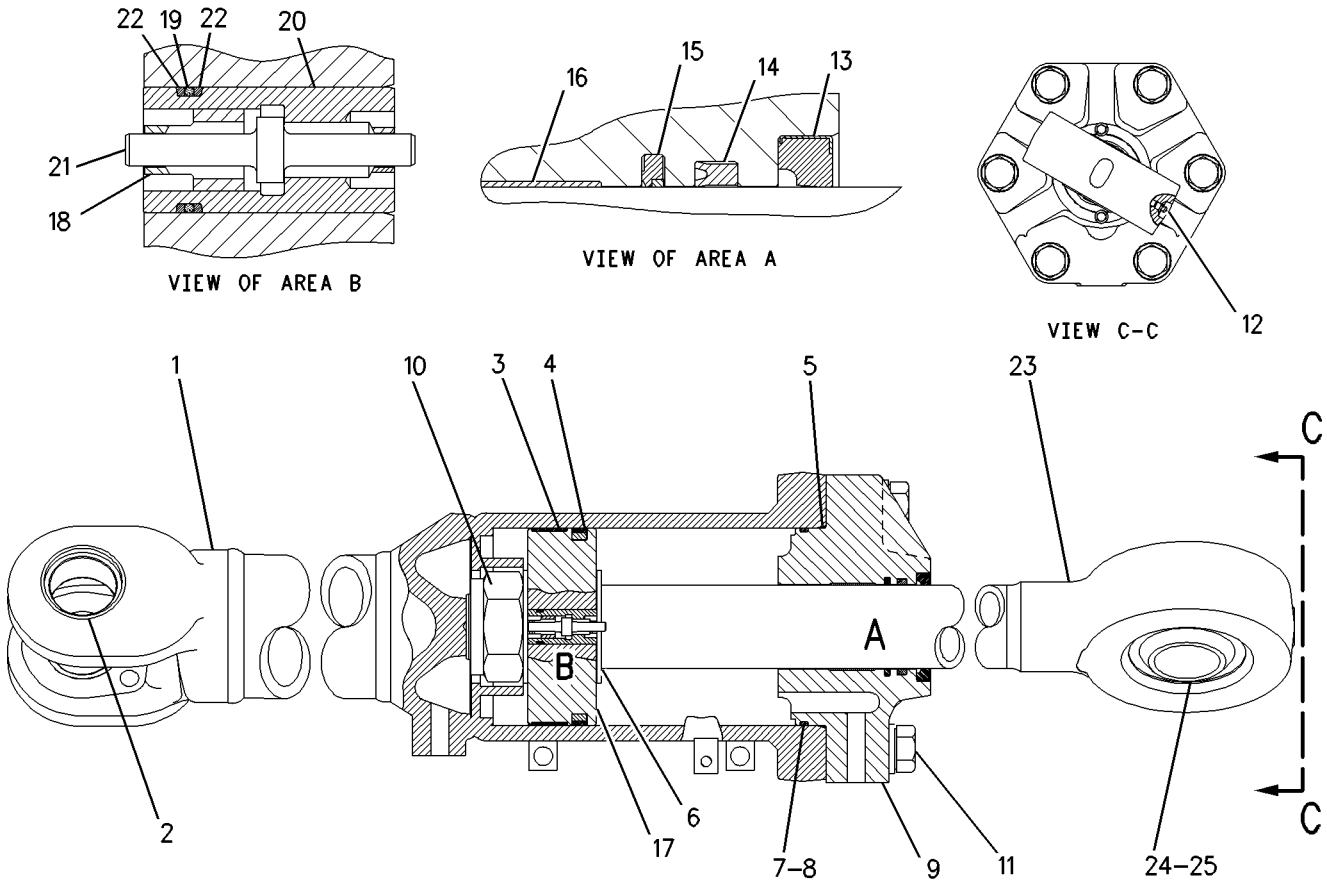
S/N: BTW1-226
209.55 MM (8.25 IN) BORE X 188 MM (7.4 IN) STROKE
PART OF 149-5956 PUSH ARM GP

SMCS-5104, 5106 **i04431514**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
R	1	1	**6E-4857**	1	CYLINDER AS (RH)	
	2	1	**1U-2182**	2	BUSHING	
J	3	1	**4J-7376**	1	RING-WEAR	
J	4	1	**8T-1793**	1	SEAL AS	
J	5	1	**8T-8382**	1	SEAL-HEAD	
	6	1	**9T-1878**	2	WASHER (70.5X120X4.76-MM THK)	
J	7	1	**8J-4386**	1	SEAL-O-RING	
J	8	1	**3G-3747**	1	RING-BACKUP	
	9	1	**9T-5283**	1	HEAD	
	10	1	**4J-6888**	1	LOCKNUT (2-3/4-12-THD)	
	11	1	**5M-0544**	6	BOLT (1-1/8-7X4.5-IN)	
		1	**3S-1349**	6	WASHER-HARD (31X52.5X6-MM THK)	
	12	1	**3B-8489**	1	FITTING-GREASE (1/8-27 PTF)	
J	13	1	**167-2474**	1	SEAL-WIPER	
J	14	1	**167-2324**	1	SEAL-U-CUP	
J	15	1	**167-2211**	1	SEAL AS-BUFFER	
J	16	1	**8T-3329**	1	RING-WEAR	
	17	1	**122-9350**	1	PISTON AS	
	18	1	**1J-8569**	2	INSERT-PISTON	
	19	1	**2H-3932**	2	SEAL-O-RING	
	20	1	**109-4670**	2	INSERT	
	21	1	**122-9351**	2	PLUNGER	
	22	1	**3K-8692**	4	RING-BACKUP	
R	23	1	**6E-4859**	1	ROD AS	
	24	1	**6V-3340**	1	BEARING-SPHERICAL	
	25	1	**5J-9454**	1	RING-RETAINING	
					AVAILABLE REPAIR KIT(S):	
J			**245-6835**	1	KIT-SEAL (TILT, TIP CYLINDER)	

J - KIT MARKED J SERVICES PART(S) MARKED J
R - REMANUFACTURED PART MAY BE AVAILABLE

6E-4836 **CYLINDER GP-TILT & TIP** (contd.) **i04431514**



GRAPHIC #1 <END> g00764404

236-7780 FILTER & LINES GP-CASE DRAIN–HYD FAN PUMP, MOTOR, STEERING PUMP

S/N: BTW184-UP

PART OF 230-3277 HYDRAULIC AR

SMCS-5057, 5091 **i02511438**

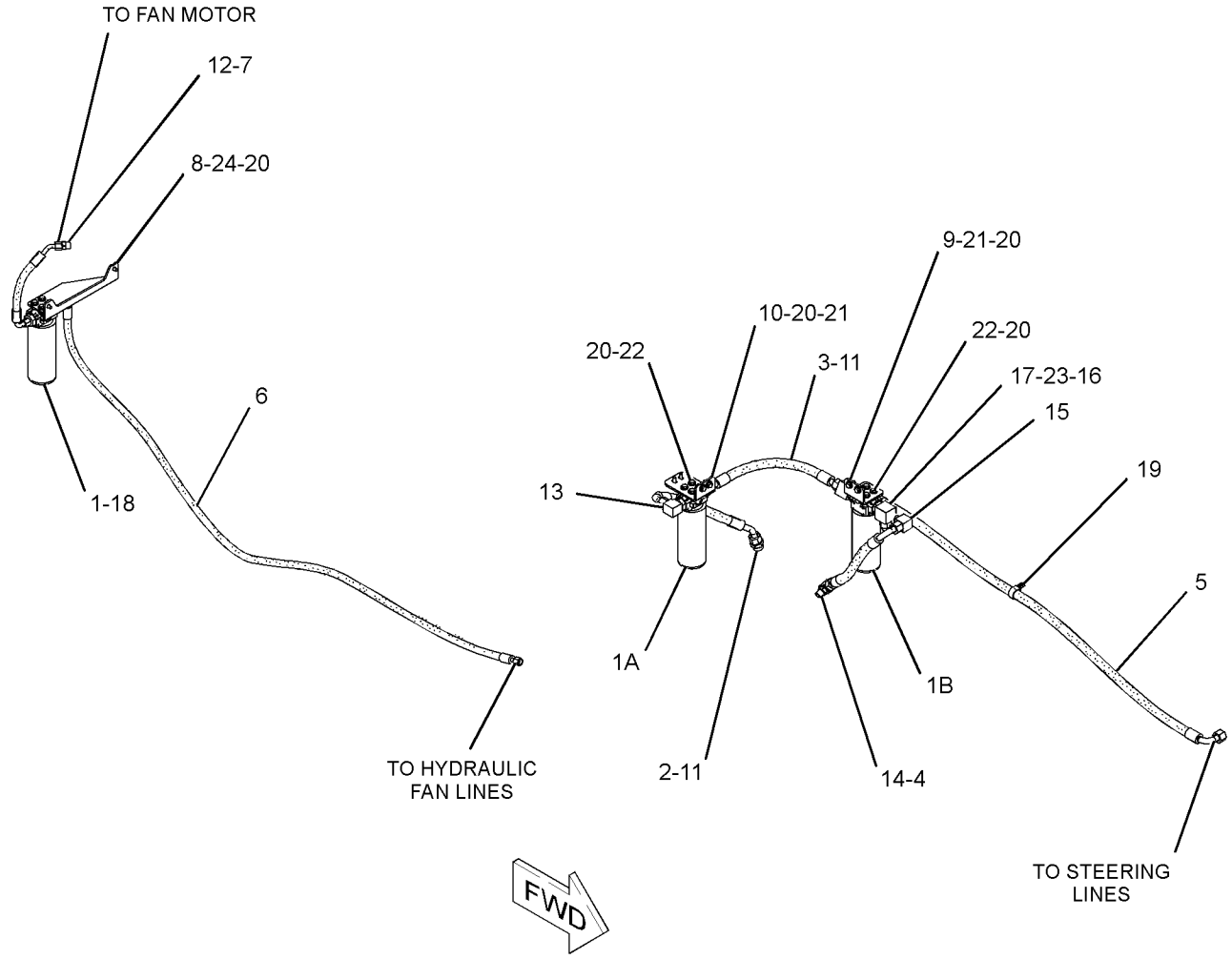
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**166-4647**	1	FILTER GP-OIL (HYDRAULIC FAN MOTOR CASE DRAIN)	701
Y	1A	1	**166-4647**	1	FILTER GP-OIL (STEERING PUMP CASE DRAIN)	701
Y	1B	1	**166-4647**	1	FILTER GP-OIL (HYDRAULIC FAN PUMP CASE DRAIN)	701
I	2	1	**236-0771**	1	HOSE AS	
I	3	1	**236-0772**	1	HOSE AS	
I	4	1	**236-0773**	1	HOSE AS	
I	5	1	**236-0774**	1	HOSE AS	
I	6	1	**238-2896**	1	HOSE AS	
I	7	1	**238-3213**	1	HOSE AS	
	8	1	**238-4836**	1	BRACKET	
	9	1	**240-8289**	1	BRACKET	
	10	1	**240-8290**	1	BRACKET	
	11	1	*148-8339*	2	CONNECTOR AS	
					(EACH INCLUDES)	
		1	**6V-8716**	1	CONNECTOR (STRAIGHT)	
		1	**6V-9746**	1	SEAL-O-RING	
		1	**7M-8485**	1	SEAL-O-RING	
	12	1	*148-8345*	1	CONNECTOR AS	
		1	**2M-9780**	1	SEAL-O-RING	
		1	**6V-8398**	1	SEAL-O-RING	
		1	**6V-8638**	1	CONNECTOR	
	13	1	*148-8360*	1	ELBOW AS	
		1	**6V-9182**	1	ELBOW	
		1	**6V-9746**	1	SEAL-O-RING	
		1	**7M-8485**	1	SEAL-O-RING	
	14	1	*148-8388*	1	ELBOW AS	
		1	**2M-9780**	1	SEAL-O-RING	
		1	**6V-8629**	1	ELBOW	
		1	**6V-9746**	1	SEAL-O-RING	
	15	1	*148-8392*	1	ELBOW AS	
		1	**6V-9746**	1	SEAL-O-RING	
		1	**6V-9853**	1	ELBOW	
	16	1	*148-8418*	1	REDUCER AS	
		1	**6V-8398**	1	SEAL-O-RING	
		1	**6V-8942**	1	REDUCER-O-RING	
	17	1	*148-8442*	2	TEE AS	
					(EACH INCLUDES)	
		1	**6V-9746**	2	SEAL-O-RING	
		1	**7M-8485**	1	SEAL-O-RING	
		1	**8T-1685**	1	TEE	
	18	1	*153-6252*	2	CONNECTOR AS	
					(EACH INCLUDES)	
		1	**6V-8398**	1	SEAL-O-RING	
		1	**7M-8485**	1	SEAL-O-RING	
		1	**9X-8408**	1	CONNECTOR	
	19	1	**4S-4455**	1	CLIP	
	20	1	**7X-7729**	20	WASHER (11X25X3-MM THK)	

236-7780 **FILTER & LINES GP-CASE DRAIN (**contd.**)** **i02511438**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	21	1	**8T-4136**	6	BOLT (M10X1.5X25-MM)	
M	22	1	**8T-4137**	12	BOLT (M10X1.5X20-MM)	
	23	1	**9X-6580**	1	NUT (1-3/16-12-THD)	
M	24	1	**8T-4196**	2	BOLT (M10X1.5X35-MM)	

I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART
Y - SEPARATE ILLUSTRATION

236-7780 **FILTER & LINES GP-CASE DRAIN (**contd.**)** **i02511438**



GRAPHIC #1 <END> g01257996

178-4008 HEAD GP-PUMP

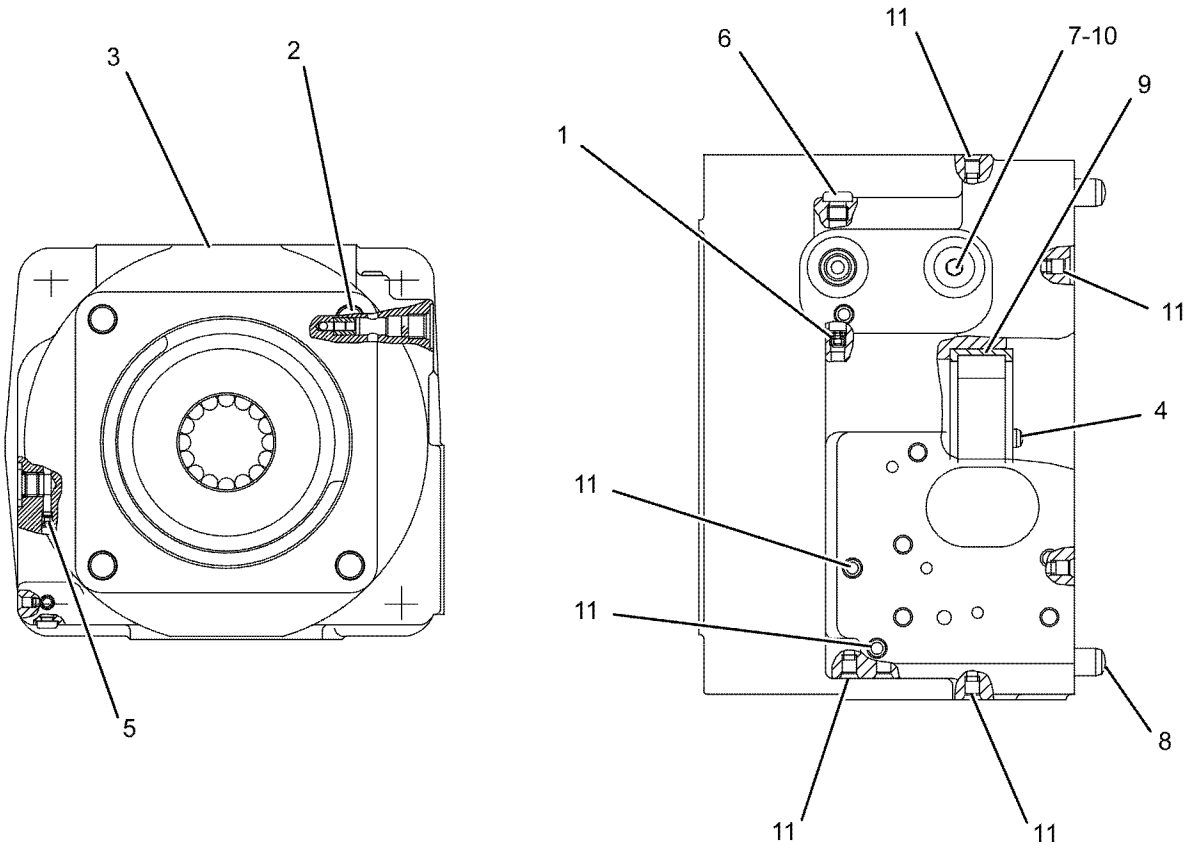
S/N: BTW1-UP

PART OF 229-8604 PUMP GP-PISTON

SMCS-5070 **i02064848**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**144-9102**	1	ORIFICE	
	2	1	**178-2830**	1	BUSHING	
	3	1	**179-6917**	1	HEAD	
	4	1	**179-6918**	1	DOWEL	
	5	1	**179-6919**	1	ORIFICE	
	6	1	**087-4772**	2	PLUG-O-RING	
	7	1	**3J-1907**	2	SEAL-O-RING	
	8	1	**5I-4341**	2	DOWEL	
	9	1	**5I-4374**	1	BEARING-ROLLER	
	10	1	**099-5845**	2	PLUG	
	11	1	**120-4394**	7	PLUG-BREAK OFF	

178-4008 **HEAD GP-PUMP** (contd.) **i02064848**



GRAPHIC #1 <END> g01058585

241-1886 HEAD GP-PUMP

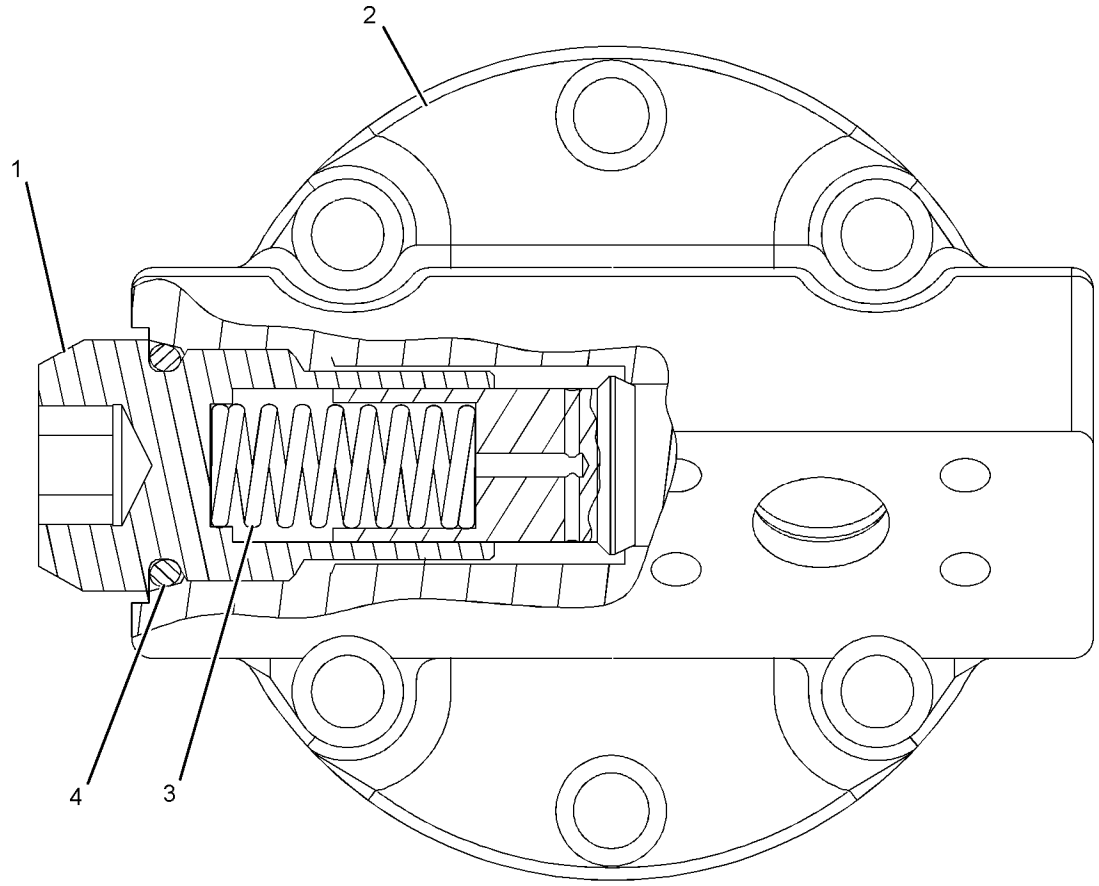
S/N: BTW1-UP

PART OF 229-0100 MOTOR GP-PISTON

SMCS-5070 **i02364703**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**241-2940**	1	VALVE-RELIEF	
	2	1	**241-2941**	1	PLATE-PORT	
J	3	1	**241-2943**	1	SPRING	
J	4	1	**241-5790**	1	SEAL-O-RING	

J - INCLUDED IN VALVE-RELIEF



GRAPHIC #1 <END> g01217558

230-3277 HYDRAULIC AR

S/N: BTW1-UP

PART OF 230-3272 COMMON AR

SMCS-5051 **i04825753**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*152-9757*	1	CYLINDER & MTG GP-LIFT	1000
Y	*8R-5663*	1	CYLINDER & MTG GP-STEERING	1119
Y	*240-9593*	1	LINES GP-BREAKER RELIEF (AIR)	1027
Y	*229-7357*	1	LINES GP-HYDRAULIC (TANK TO PUMP)	1029
Y	*236-7779*	1	LINES GP-HYDRAULIC (CASE DRAIN FILTERS)	1035
			S/N: BTW1-183	
Y	*236-7780*	1	FILTER & LINES GP-CASE DRAIN (HYD FAN PMP, MOT, STEERING PMP)	1020
			S/N: BTW184-UP	
Y	*229-7346*	1	LINES GP-HYDRAULIC FAN	1037
Y	*272-7986*	1	LINES GP-HYDRAULIC OIL COOLER	1042
Y	*235-0635*	1	LINES GP-LIFT CYLINDER	1046
Y	*229-7359*	1	LINES GP-PILOT	1050
Y	*229-7355*	1	LINES GP-SECONDARY STEERING	1124
			S/N: BTW1-183	
Y	*229-7345*	1	LINES GP-STEERING	1132
			S/N: BTW1-183	
Y	*353-6157*	1	LINES GP-STEERING	1138
			S/N: BTW184-UP	
Y	*235-0625*	1	LINES GP-TILT CYLINDER	1060
Y	*229-7350*	1	PUMP & MTG GP-IMPLEMENT	1065
Y	*229-7342*	1	PUMP & MTG GP-PILOT & BRAKE	1066
Y	*229-7343*	1	PUMP & MTG GP-STEERING & FAN	1150
			S/N: BTW1-183	
Y	*269-7254*	1	TANK & MTG GP-HYDRAULIC (HYDRAULIC FAN, STEERING)	1091
Y	*234-2799*	1	TANK & MTG GP-HYDRAULIC (IMPLEMENT, BRAKE)	1090
Y	*229-7348*	1	VALVE & LINES GP-STEERING NEUT	1158
Y	*240-9553*	1	VALVE & MTG GP-MAIN CONTROL	1094

Y - SEPARATE ILLUSTRATION

<END>

240-9593 LINES GP-BREAKER RELIEF–AIR

S/N: BTW1-UP

PART OF 230-3277 HYDRAULIC AR

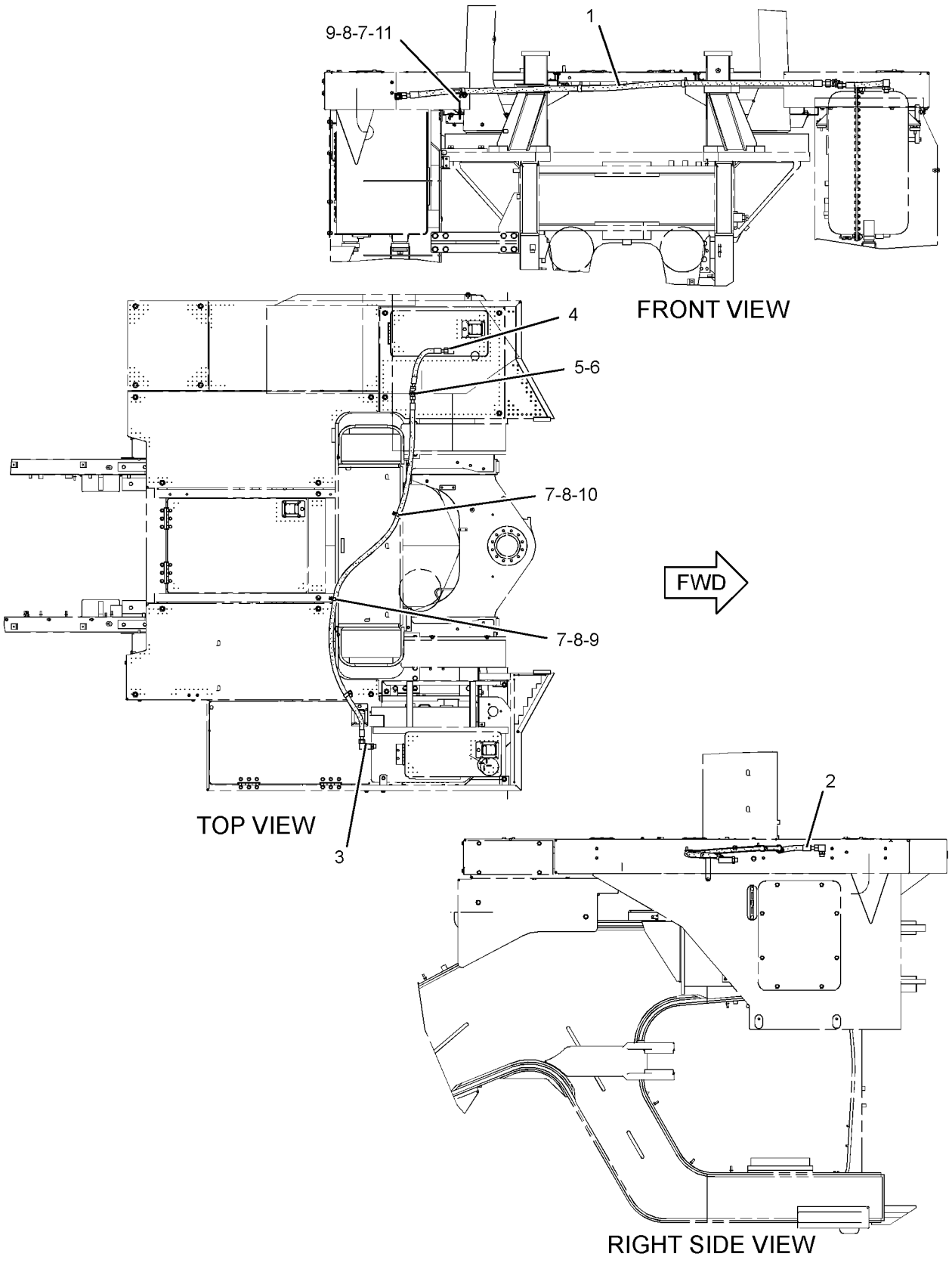
SMCS-5056, 5057

i02428349

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
I	1	1	**213-8077**	1	HOSE AS	
I	2	1	**221-3499**	1	HOSE AS	
	3	1	*106-8715*	1	ELBOW AS	
		1	**3D-2824**	1	SEAL-O-RING	
		1	**6V-9746**	1	SEAL-O-RING	
		1	**8C-8400**	1	ELBOW	
	4	1	*148-8347*	1	ELBOW AS	
		1	**3D-2824**	1	SEAL-O-RING	
		1	**6V-9007**	1	ELBOW	
		1	**6V-9746**	1	SEAL-O-RING	
	5	1	*148-8455*	1	UNION AS	
		1	**6V-9746**	2	SEAL-O-RING	
		1	**6V-8997**	1	UNION	
	6	1	**2P-1293**	1	LOCKNUT (1-3/16-12-THD)	
	7	1	**4S-4455**	3	CLIP	
	8	1	**8T-4121**	3	WASHER-HARD (11X21X2.5-MM THK)	
M	9	1	**8T-4136**	2	BOLT (M10X1.5X25-MM)	
M	10	1	**8T-4137**	1	BOLT (M10X1.5X20-MM)	
	11	1	**8X-9391**	1	BRACKET AS	

I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART

240-9593 **LINES GP-BREAKER RELIEF (**contd.**)** **i02428349**



GRAPHIC #1 <END> g01213761

229-7357 LINES GP-HYDRAULIC—TANK TO PUMP

S/N: BTW1-241

PART OF 230-3277 HYDRAULIC AR

SMCS-5057 **i05252567**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1,3	**3E-6909**	3	CLIP	
	2	1	**3V-7738**	2	TAG-IDENTIFICATION (LETTER, NUMBER L1)	
	3	1	**3V-7739**	2	TAG-IDENTIFICATION (LETTER, NUMBER L2)	
	4	1	**3V-7740**	2	TAG-IDENTIFICATION (LETTER, NUMBER T1)	
	5	1	**3V-7741**	2	TAG-IDENTIFICATION (LETTER, NUMBER T2)	
	6	2	**4E-7789**	1	CLAMP-HALF	
	7	1,2	**5V-6152**	4	CLAMP	
	8	1,2	**5V-6153**	2	PLATE-COVER	
	9	1	**5V-8194**	2	TAG-IDENTIFICATION (LETTERS HS)	
	10	1	**5V-9354**	1	U-BOLT	
	11	2	**6V-0852**	2	CAP-DUST	
	12	2	**7I-3711**	1	CLAMP-HALF	
	13	2	**7V-8532**	1	SPACER	
	14	2	**9P-2390**	1	BLOCK-GAUGE TAP	
I	15	2	**152-7738**	1	HOSE AS	
	16	2	**152-9766**	1	PLATE-ADAPTER	
	17	2	*164-5567*	2	COUPLER AS-QUICK DISCONNECT (MALE)	
					(EACH INCLUDES)	
		2	**3J-1907**	1	SEAL-O-RING	
		2	**6V-3965**	1	FITTING (QUICK DISCONNECT)	
	18	2	*167-1795*	1	ELBOW AS	
		2	**3D-2824**	1	SEAL-O-RING	
		2	**8T-3491**	1	ELBOW	
	19	2,3	**197-3295**	18	FLANGE-HALF	
	20	1	**228-7031**	1	BRACKET AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	21	2	**234-2805**	1	BRACKET	
I	22	1	**234-2838**	1	HOSE AS	
I	23	1	**234-2839**	1	HOSE AS	
I	24	1	**297-1087**	1	HOSE AS	
I	25	1	**235-1256**	1	HOSE AS	
I	26	1	**235-1258**	1	HOSE AS	
	27	2	**268-8160**	1	BRACKET AS	
I	28	1	**240-0706**	1	HOSE AS	
I	29	1	**240-0707**	1	HOSE AS	
	30	2	**240-0708**	1	TUBE AS	
I	31	1	**240-0709**	1	HOSE AS	
	32	1	**240-0710**	1	TUBE AS	
	33	3	**240-7655**	1	BRACKET AS	
	34	3	**240-7658**	1	ANGLE	
I	35	3	**240-7659**	2	HOSE AS	
I	36	1	**240-7660**	1	HOSE AS	
I	37	3	**241-3383**	2	HOSE AS	
	38	1	**241-5659**	1	BRACKET AS	
I	39	2	**246-2331**	1	HOSE AS	
I	40	1	**246-2332**	1	HOSE AS	
I	41	1	**246-2333**	1	HOSE AS	
	42	2	*148-8313*	2	ADAPTER AS	

229-7357 **LINES GP-HYDRAULIC (**contd.**)** **i05252567**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
					(EACH INCLUDES)	
		2	**3K-0360**	1	SEAL-O-RING	
		2	**5P-6944**	1	ADAPTER	
	43	3	*148-8336*	1	CONNECTOR AS	
		3	**3J-1907**	1	SEAL-O-RING	
		3	**6V-8397**	1	SEAL-O-RING	
		3	**6V-8636**	1	CONNECTOR	
	44	3	*148-8457*	1	UNION AS (STRAIGHT)	
		3	**6V-8398**	2	SEAL-O-RING	
		3	**6V-8995**	1	UNION (STRAIGHT)	
	45	3	*150-4043*	5	CONNECTOR AS	
					(EACH INCLUDES)	
		3	**3J-1907**	1	SEAL-O-RING	
		3	**6V-8398**	1	SEAL-O-RING	
		3	**6V-9873**	1	CONNECTOR	
	46	1	*155-6258*	1	ELBOW AS	
		1	**3D-2824**	1	SEAL-O-RING	
		1	**6V-8398**	1	SEAL-O-RING	
		1	**127-1647**	1	ELBOW	
	47	2	*183-7263*	1	PLUG AS	
		2	**3J-7354**	1	SEAL-O-RING	
		2	**9S-8002**	1	PLUG (7/16-20-THD)	
	48	2	**358-9475**	1	VALVE AS (RELIEF)	
		2	**3D-2824**	1	SEAL-O-RING	
	49	2	**1P-4577**	2	FLANGE-HALF	
	50	2,3	**1P-4578**	4	FLANGE-HALF	
	51	1	**1P-4582**	2	FLANGE-HALF	
	52	2	**1P-4585**	6	FLANGE-HALF	
	53	3	**1S-0994**	1	CLIP (LOOP)	
	54	2	**2H-6338**	3	SEAL-O-RING	
	56	2	**4D-5042**	1	COVER	
	57	1,2,3	**4J-0520**	7	SEAL-O-RING	
	58	2,3	**4J-0522**	13	SEAL-O-RING	
	59	1	**4J-0527**	1	SEAL-O-RING	
M	60	2	**5C-2890**	2	NUT (M6X1-THD)	
	61	1	**5P-7464**	1	CLIP (SLOT)	
	62	1	**5P-7465**	1	CLIP (TAB)	
	63	2,3	**5P-7468**	3	CLIP (SLOT)	
	64	2,3	**5P-7469**	3	CLIP (TAB)	
	65	2,3	**5P-7470**	2	CLIP (SLOT)	
	66	2,3	**5P-7471**	2	CLIP (TAB)	
	67	2,3	**5P-8182**	2	GROMMET (46-MM ID)	
	68	2,3	**5P-8444**	2	GROMMET (37-MM ID)	
	69	3	**6G-6463**	1	ADAPTER	
	70	1,2	**6V-1249**	3	GROMMET	
	71	1	**6V-8398**	1	SEAL-O-RING	
	72	1	**6V-8801**	4	NUT (3/8-16-THD)	
	73	3	**6V-9169**	1	NUT (13/16-16-THD)	
M	74	1,2	**6V-9606**	4	BOLT (M6X1X140-MM)	
	75	3	**7X-0308**	4	BOLT (7/16-14X1.375-IN)	
	76	2	**7X-0313**	4	BOLT (7/16-14X2.75-IN)	

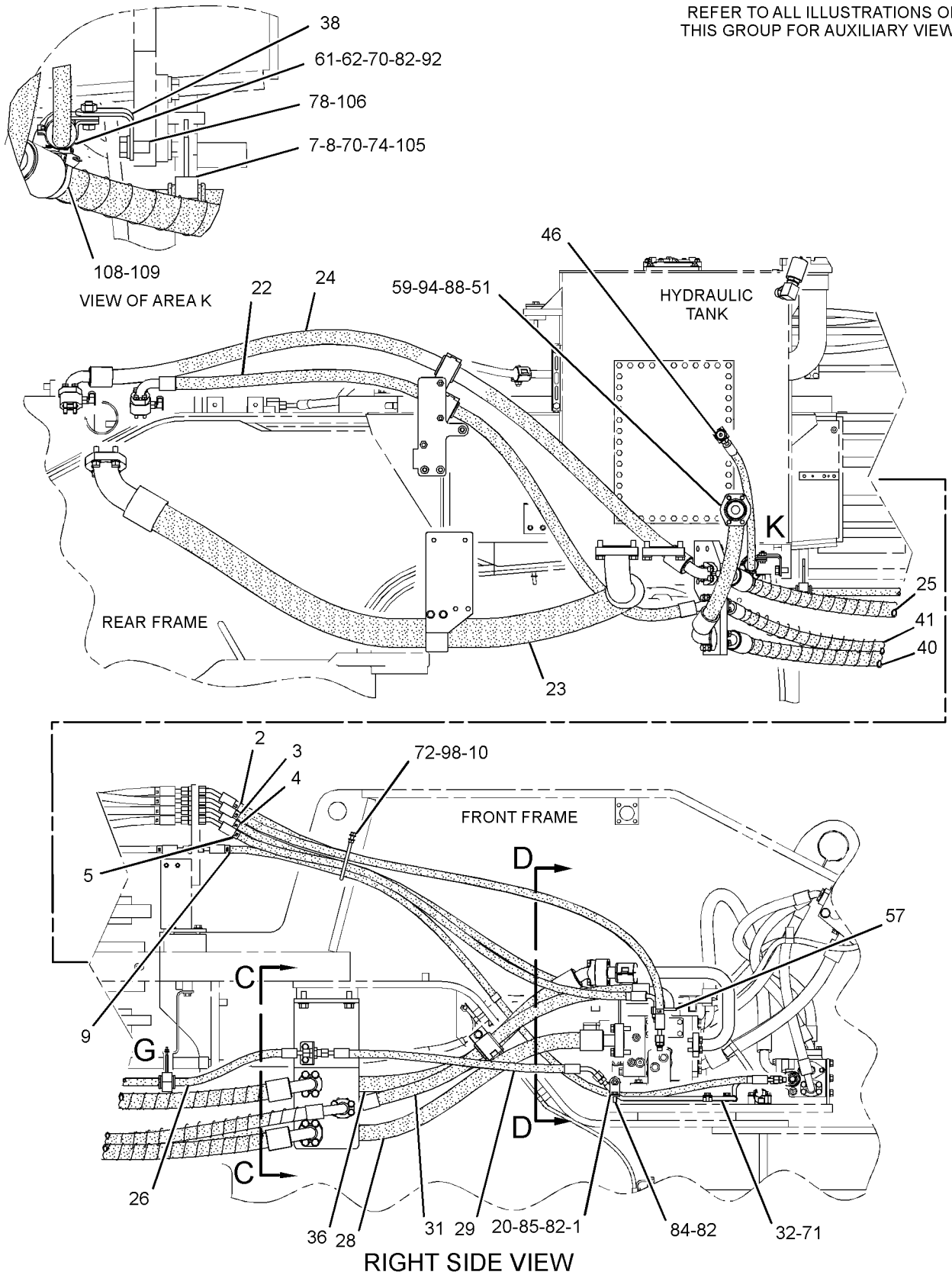
229-7357 **LINES GP-HYDRAULIC (**contd.**)** **i05252567**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	77	2	**7X-0346**	4	BOLT (5/8-11X2-IN)	
M	78	1	**7X-2552**	1	BOLT (M16X2X30-MM)	
M	79	2	**7X-2553**	3	BOLT (M16X2X40-MM)	
	80	2,3	**7X-3392**	36	WASHER-HARD (13.5X22.5X3-MM THK)	
	81	2,3	**8C-3206**	8	FLANGE-HALF	
	82	1,2,3	**8T-4121**	26	WASHER-HARD (11X21X2.5-MM THK)	
	83	3	**8T-4122**	4	WASHER-HARD (17X32X3.5-MM THK)	
M	84	1	**8T-4136**	1	BOLT (M10X1.5X25-MM)	
M	85	1,3	**8T-4137**	3	BOLT (M10X1.5X20-MM)	
M	86	2	**8T-4139**	2	BOLT (M12X1.75X30-MM)	
M	87	2	**8T-4176**	2	BOLT (M12X1.75X90-MM)	
M	88	1,2,3	**8T-4183**	24	BOLT (M12X1.75X40-MM)	
M	90	2	**8T-4193**	8	BOLT (M16X2X50-MM)	
M	91	3	**8T-4194**	1	BOLT (M12X1.75X50-MM)	
M	92	1,2,3	**8T-4195**	6	BOLT (M10X1.5X30-MM)	
M	93	2,3	**8T-4196**	16	BOLT (M10X1.5X35-MM)	
	94	1,2,3	**8T-4223**	15	WASHER-HARD (13.5X25.5X3-MM THK)	
M	95	3	**8T-4244**	1	NUT (M12X1.75-THD)	
M	96	2,3	**8T-4648**	7	BOLT (M12X1.75X70-MM)	
	97	3	**8T-4835**	2	BOLT (1/2-13X2-IN)	
	98	1,2	**8T-4896**	8	WASHER-HARD (10.2X18.5X2.5-MM THK)	
M	99	3	**8T-4956**	12	BOLT (M12X1.75X35-MM)	
	100	2,3	**8T-5360**	8	WASHER (12X22.5X2.5-MM THK)	
	101	3	**8T-7087**	1	GROMMET (34-MM ID)	
	102	2	**8T-9101**	4	BOLT (3/8-16X2.75-IN)	
	103	3	**8T-9393**	4	BOLT (5/8-11X1.5-IN)	
	104	3	**8X-9391**	1	BRACKET AS	
M		3	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	105	1,2	**9X-8256**	6	WASHER (6.6X12X2-MM THK)	
	106	1,2	**9X-8257**	16	WASHER (17.5X30X3.5-MM THK)	
	107	3	**1P-3704**	1	SEAL-RECTANGULAR	
	108	1	**204-2281**	2	STRAP-CABLE	
	109	1	**200-6345**	1	MOUNT (DUAL SWIVEL)	

I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART

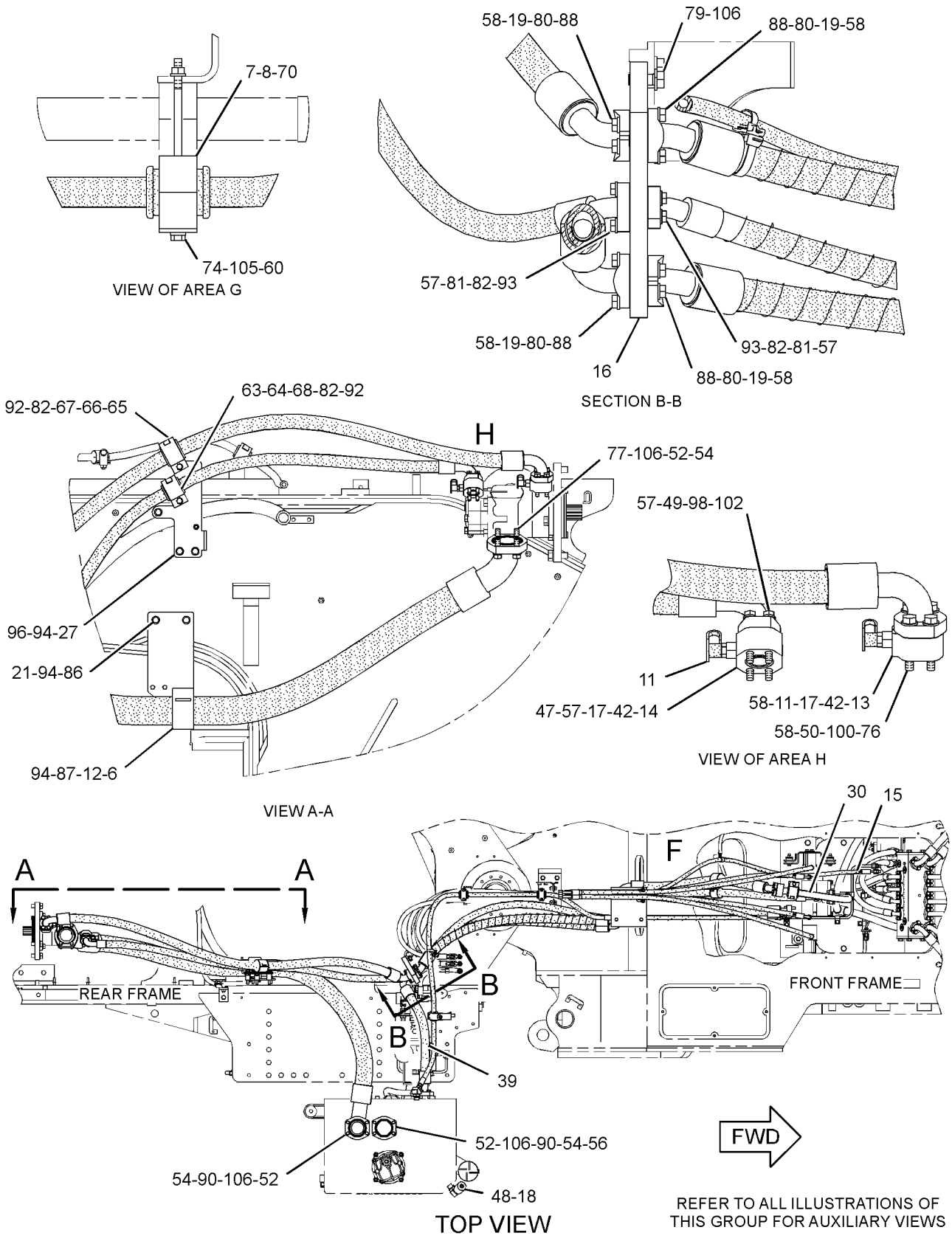
229-7357 **LINES GP-HYDRAULIC (**contd.**)** **i05252567**

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



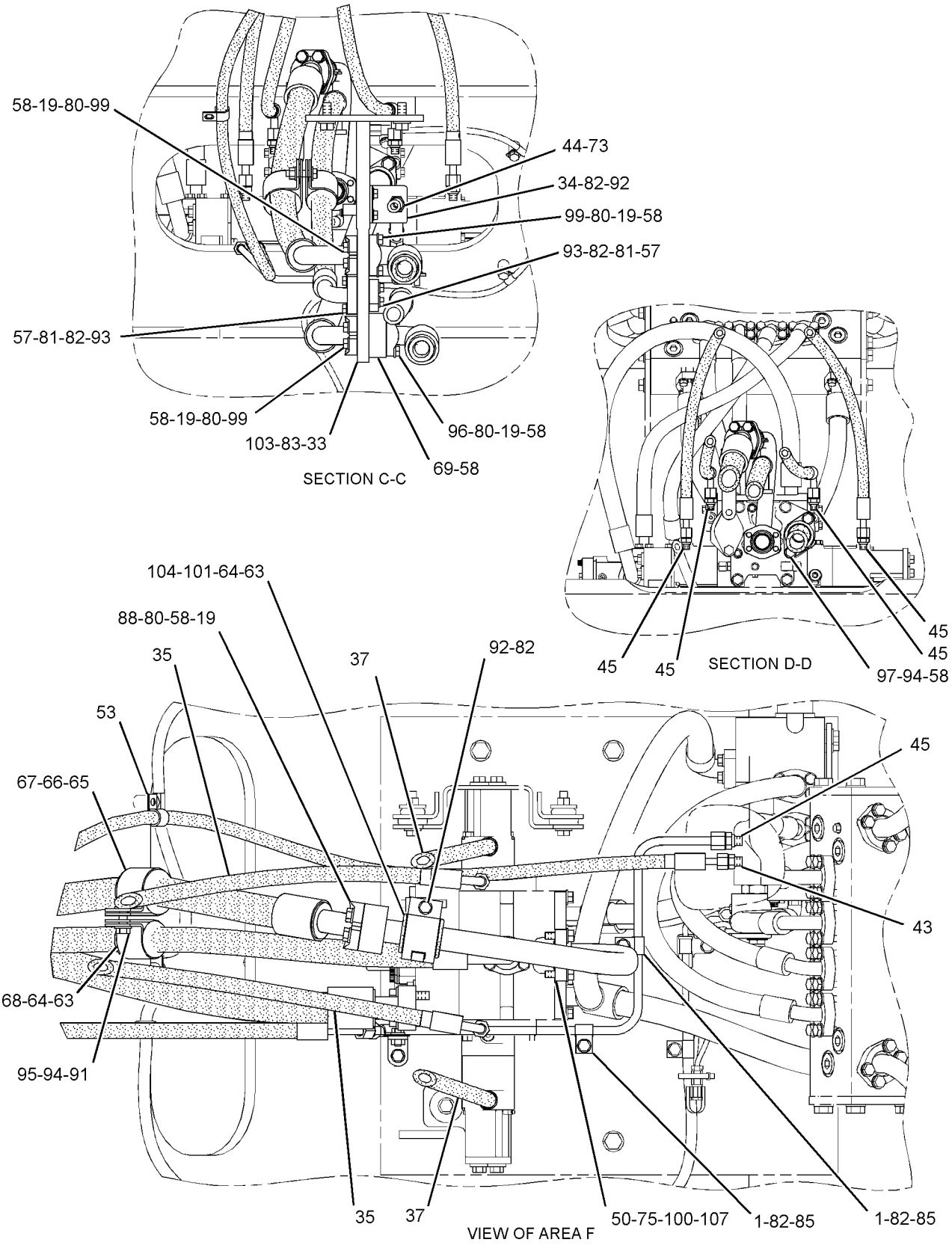
GRAPHIC #1 g03020182

229-7357 **LINES GP-HYDRAULIC (**contd.**)** **i05252567**



GRAPHIC #2 g03346713

229-7357 **LINES GP-HYDRAULIC (**contd.**)** **i05252567**



GRAPHIC #3 <END> g01409035

236-7779 LINES GP-HYDRAULIC—CASE DRAIN FILTERS

S/N: BTW1-183

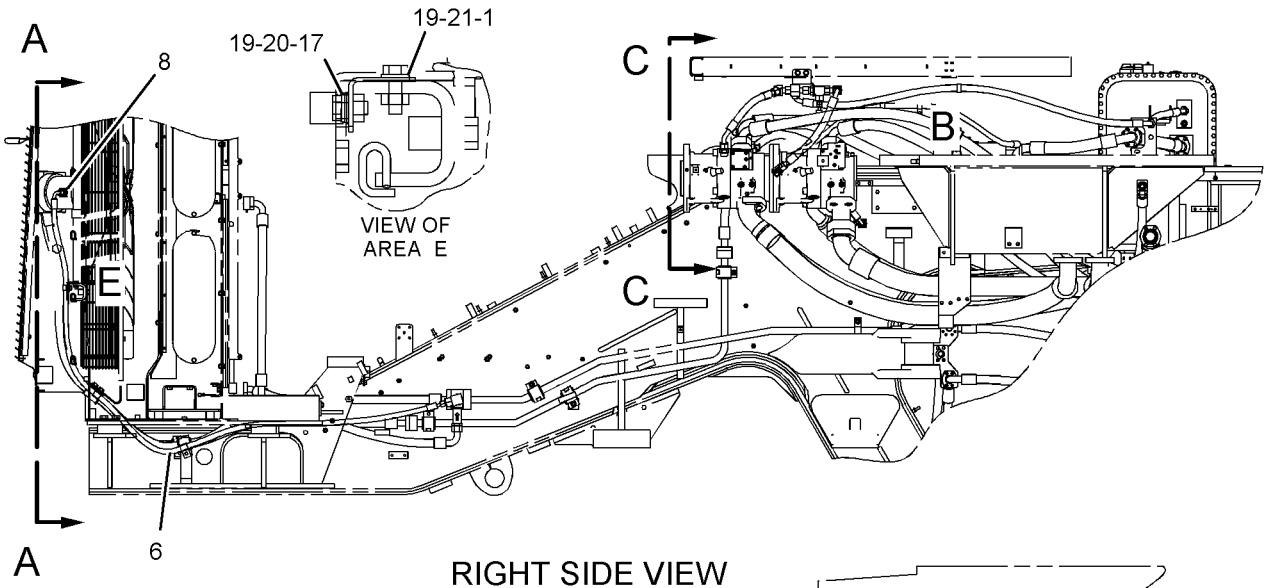
PART OF 230-3277 HYDRAULIC AR

SMCS-5057 **i02034893**

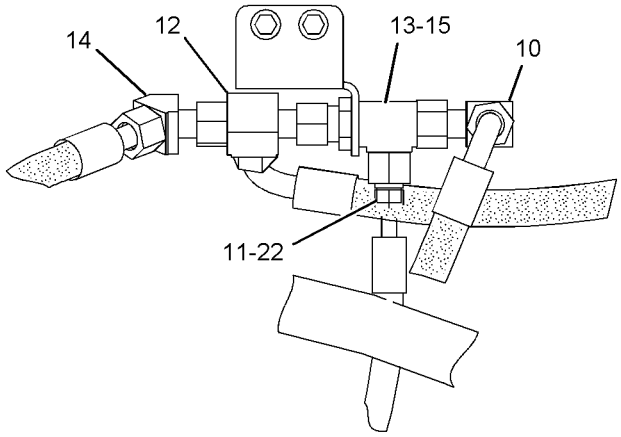
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-2289**	1	ANGLE AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
I	2	1	**236-0773**	1	HOSE AS	
	3	1	**237-0323**	1	BRACKET	
I	4	1	**240-5532**	1	HOSE AS	
I	5	1	**240-5533**	1	HOSE AS	
I	6	1	**240-5534**	1	HOSE AS	
	7	1	*148-8339*	1	CONNECTOR AS	
		1	**6V-8716**	1	CONNECTOR (STRAIGHT)	
		1	**6V-9746**	1	SEAL-O-RING	
		1	**7M-8485**	1	SEAL-O-RING	
	8	1	*148-8345*	1	CONNECTOR AS	
		1	**2M-9780**	1	SEAL-O-RING	
		1	**6V-8398**	1	SEAL-O-RING	
		1	**6V-8638**	1	CONNECTOR	
	9	1	*148-8388*	1	ELBOW AS	
		1	**2M-9780**	1	SEAL-O-RING	
		1	**6V-8629**	1	ELBOW	
		1	**6V-9746**	1	SEAL-O-RING	
	10	1	*148-8392*	1	ELBOW AS	
		1	**6V-9746**	1	SEAL-O-RING	
		1	**6V-9853**	1	ELBOW	
	11	1	*148-8418*	1	REDUCER AS	
		1	**6V-8398**	1	SEAL-O-RING	
		1	**6V-8942**	1	REDUCER-O-RING	
	12	1	*148-8449*	1	TEE AS-SWIVEL	
		1	**6V-9746**	2	SEAL-O-RING	
		1	**6V-9839**	1	TEE-SWIVEL	
	13	1	**164-6862**	1	TEE AS	
		1	**6V-9160**	1	TEE-FACE SEAL	
		1	**6V-9746**	3	SEAL-O-RING	
	14	1	*171-6723*	1	ELBOW AS	
		1	**6V-9746**	1	SEAL-O-RING	
		1	**8T-8899**	1	ELBOW	
	15	1	**2P-1293**	1	LOCKNUT (1-3/16-12-THD)	
	16	1	**4S-4455**	1	CLIP	
	17	1	**6D-4636**	1	CLIP (LOOP)	
	18	1	**7X-7729**	2	WASHER (11X25X3-MM THK)	
	19	1	**8T-4121**	2	WASHER-HARD (11X21X2.5-MM THK)	
M	20	1	**8T-4137**	1	BOLT (M10X1.5X20-MM)	
M	21	1	**8T-4195**	3	BOLT (M10X1.5X30-MM)	
	22	1	**9X-6580**	1	NUT (1-3/16-12-THD)	

I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART

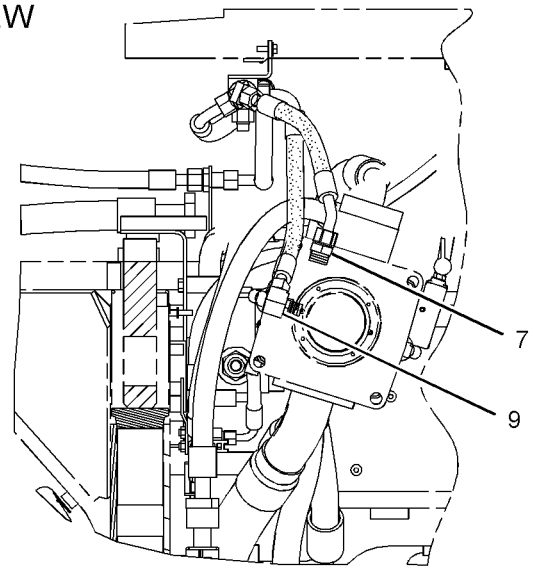
236-7779 **LINES GP-HYDRAULIC (**contd.**)** **i02034893**



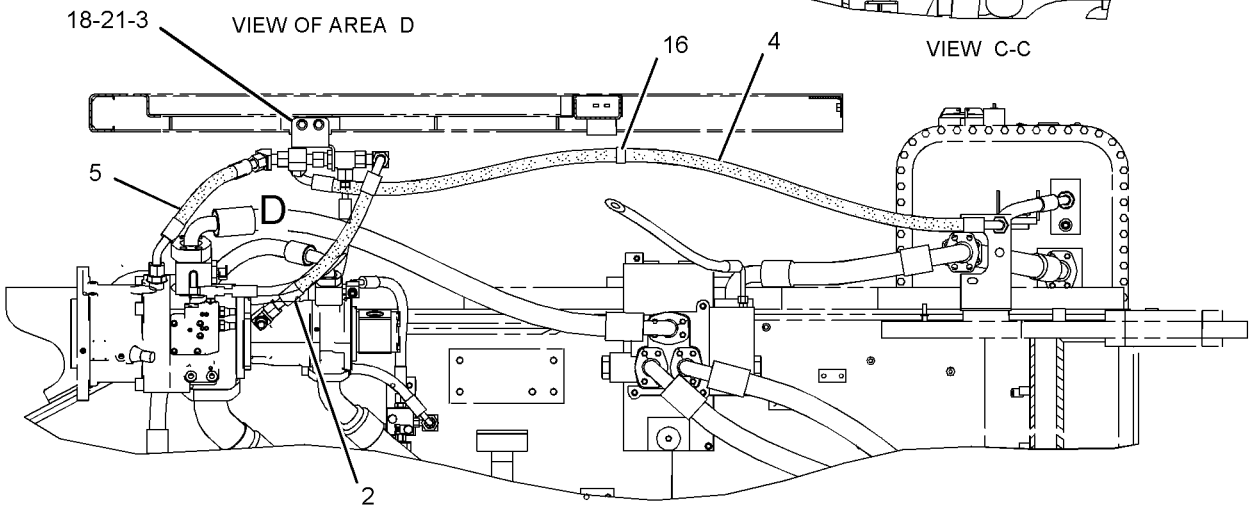
RIGHT SIDE VIEW



VIEW OF AREA D



VIEW C-C



ENLARGED VIEW OF AREA B

GRAPHIC #1 <END> g01049939

229-7346 LINES GP-HYDRAULIC FAN

S/N: BTW1-UP

PART OF 230-3277 HYDRAULIC AR

SMCS-1386, 1387, 5057 **i04950615**

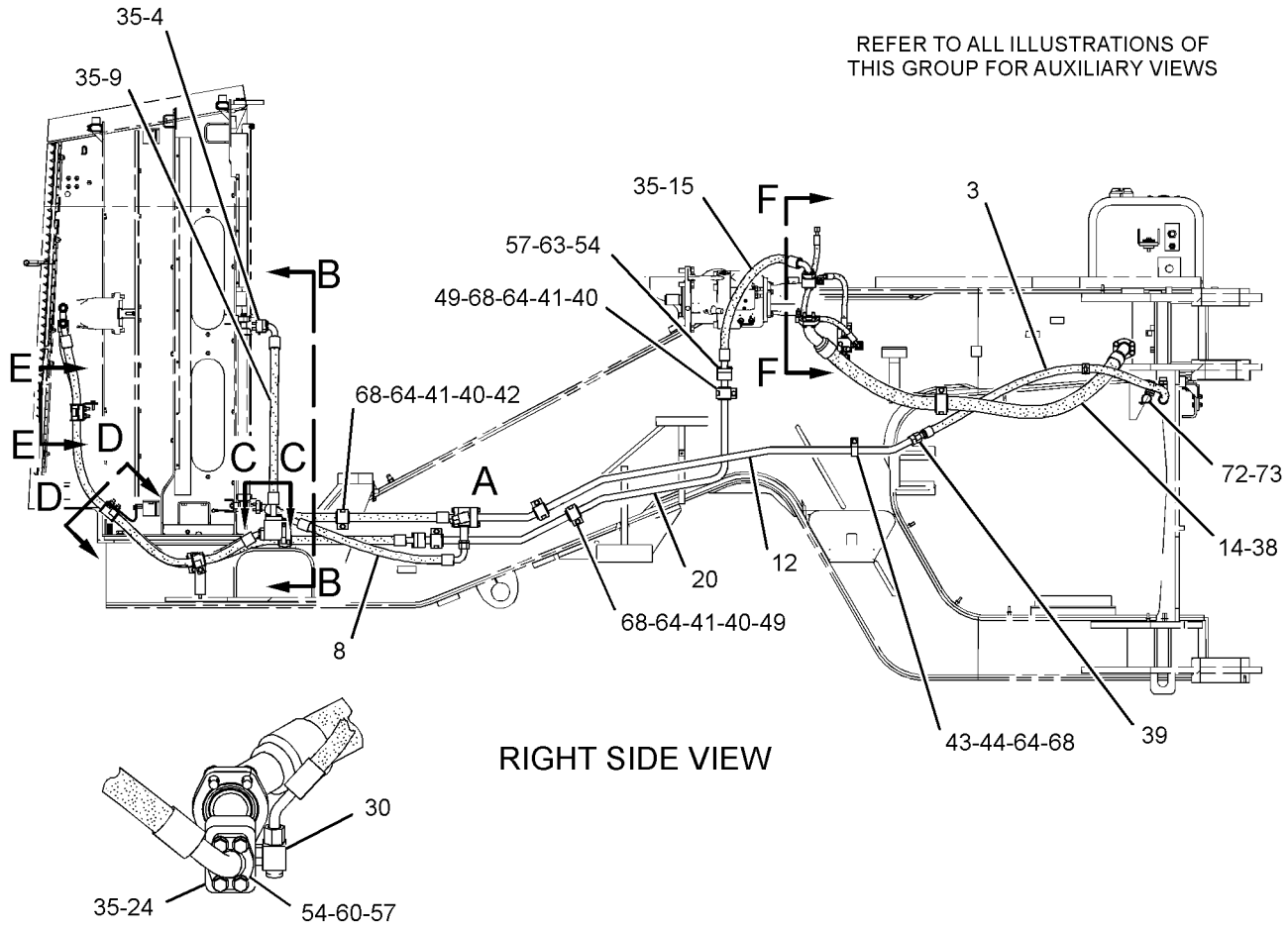
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	3	**8C-3451**	1	CAP-DUST (HYDRAULIC OIL)	
	2	2	**9U-1381**	1	MANIFOLD	
I	3	1	**9U-2078**	1	HOSE AS	
	4	1	**101-3677**	1	ADAPTER	
	5	3	*164-5590*	1	VALVE AS-FLUID SAMPLING (COOLANT)	
		3	**3J-7354**	1	SEAL-O-RING	
		3	**8C-3446**	1	VALVE-SAMPLING	
Y	6	2	*185-9357*	1	VALVE GP-CHECK (COOLER BYPASS)	1097
I	7	1	**192-7216**	1	HOSE AS	
I	8	1	**192-7217**	1	HOSE AS	
I	9	1	**194-1962**	1	HOSE AS	
	10	3	**201-5766**	1	BRACKET	
	11	3	**201-5767**	1	BRACKET AS	
	12	1	**202-3191**	1	TUBE AS	
	13	3	**210-8613**	1	BRACKET AS	
I	14	1	**234-2811**	1	HOSE AS	
I	15	1	**246-2807**	1	HOSE AS	
I	16	2	**234-2813**	1	HOSE AS	
I	17	2	**234-2814**	1	HOSE AS	
I	18	1	**234-2815**	1	HOSE AS	
I	19	1	**234-2816**	1	HOSE AS	
	20	1	**237-2077**	1	TUBE AS	
I	21	2	**237-2598**	1	HOSE AS	
Y	22	2	*237-2599*	1	VALVE & MTG GP-HYDRAULIC FAN	1092
	23	3	**237-3745**	1	MANIFOLD	
	24	1	**237-3942**	1	ADAPTER	
	25	2	*150-4047*	1	ADAPTER AS	
		2	**3J-7354**	1	SEAL-O-RING	
		2	**8T-2353**	1	ADAPTER	
	26	1	*148-8335*	1	CONNECTOR AS	
		1	**5K-9090**	1	SEAL-O-RING	
		1	**6V-8635**	1	CONNECTOR	
		1	**7M-8485**	1	SEAL-O-RING	
	27	1,3	*148-8357*	2	ELBOW AS	
					(EACH INCLUDES)	
		1,3	**5K-9090**	1	SEAL-O-RING	
		1,3	**6V-9008**	1	ELBOW	
		1,3	**7M-8485**	1	SEAL-O-RING	
	28	2	*148-8365*	1	ELBOW AS	
		2	**3J-1907**	1	SEAL-O-RING	
		2	**6V-8398**	1	SEAL-O-RING	
		2	**8T-6876**	1	ELBOW	
	29	1	*148-8412*	1	REDUCER AS	
		1	**6V-8398**	1	SEAL-O-RING	
		1	**6V-8944**	1	REDUCER	
	30	1	*148-8436*	1	TEE AS	
		1	**3K-0360**	1	SEAL-O-RING	

229-7346 **LINES GP-HYDRAULIC FAN (**contd.**)** **i04950615**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		1	**6V-8398**	2	SEAL-O-RING	
		1	**6V-8775**	1	TEE-FACE SEAL	
	31	2	**1P-3705**	1	SEAL-RECTANGULAR	
	32	2	**1P-4578**	2	FLANGE-HALF	
	33	2	**1P-4579**	2	FLANGE-HALF	
	34	1,2	**1P-4582**	4	FLANGE-HALF	
	35	1	**4J-0520**	10	SEAL-O-RING	
	36	2	**4J-0522**	1	SEAL-O-RING	
	37	1	**4J-0524**	1	SEAL-O-RING	
	38	1	**4J-0527**	2	SEAL-O-RING	
	39	1	**5K-9090**	1	SEAL-O-RING	
	40	1,2,3	**5P-7468**	8	CLIP (SLOT)	
	41	1,2,3	**5P-7469**	8	CLIP (TAB)	
	42	1,3	**5P-8444**	4	GROMMET (37-MM ID)	
	43	1	**6K-4934**	1	CLIP (SLOT)	
	44	1	**6K-4935**	1	CLIP (TAB)	
	45	3	**6V-1228**	1	CLIP	
	46	1	**6V-1867**	1	CLIP (SLOT)	
	47	1	**6V-1868**	1	CLIP (TAB)	
	48	1	**6V-1869**	1	GROMMET (65-MM ID)	
	49	1,2	**6V-1874**	4	GROMMET (31-MM ID)	
	50	3	**7G-5984**	2	CLIP (TAB)	
	51	3	**7G-5985**	2	CLIP (SLOT)	
	52	3	**7G-5986**	2	GROMMET	
M	53	3	**7X-2536**	1	BOLT (M8X1.25X14-MM)	
	54	1,2,3	**8C-3206**	12	FLANGE-HALF	
	55	1	**8C-7534**	1	CLIP	
	56	3	**8J-8197**	2	CLIP	
	57	1,2,3	**8T-4121**	34	WASHER-HARD (11X21X2.5-MM THK)	
M	58	2	**8T-4136**	2	BOLT (M10X1.5X25-MM)	
M	59	3	**8T-4139**	1	BOLT (M12X1.75X30-MM)	
M	60	1	**8T-4172**	4	BOLT (M10X1.5X80-MM)	
M	61	2,3	**8T-4183**	8	BOLT (M12X1.75X40-MM)	
M	62	1,2,3	**8T-4184**	9	BOLT (M12X1.75X45-MM)	
M	63	1,2,3	**8T-4196**	24	BOLT (M10X1.5X35-MM)	
	64	1,2,3	**8T-4223**	35	WASHER-HARD (13.5X25.5X3-MM THK)	
	65	3	**8T-4224**	1	WASHER-HARD (8.8X16X2-MM THK)	
M	66	3	**8T-4244**	1	NUT (M12X1.75-THD)	
M	67	2	**8T-4910**	4	BOLT (M12X1.75X60-MM)	
M	68	1,2,3	**8T-4956**	10	BOLT (M12X1.75X35-MM)	
M	69	3	**8T-5005**	4	BOLT (M10X1.5X70-MM)	
M	70	2	**8T-5041**	2	BOLT (M12X1.75X120-MM)	
	71	1	**9X-6579**	1	NUT-ORIFICE (7/16-12-THD)	
	72	1	**200-6345**	1	MOUNT (DUAL SWIVEL)	
	73	1	**204-2281**	2	STRAP-CABLE	

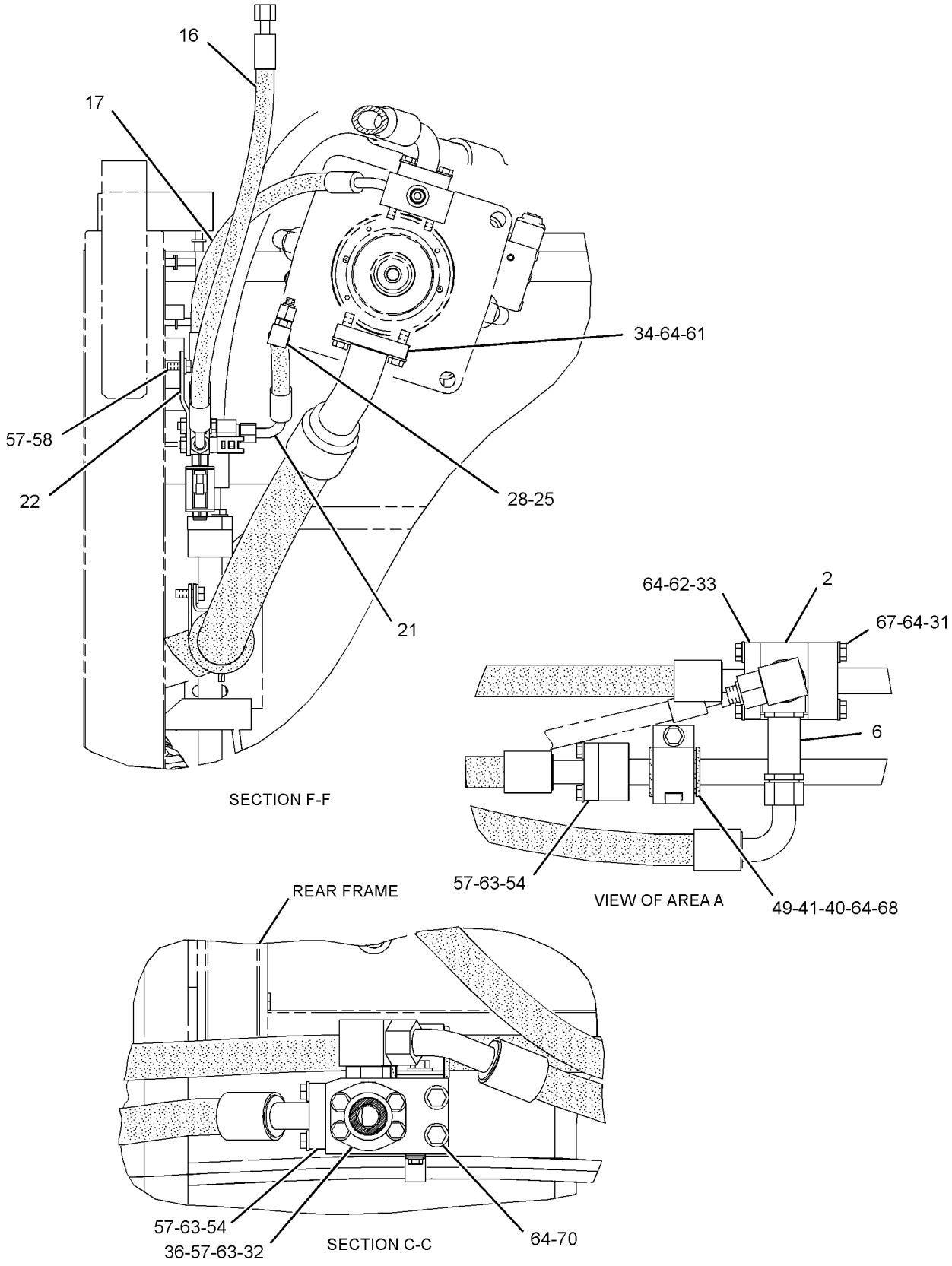
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART
Y - SEPARATE ILLUSTRATION

229-7346 **LINES GP-HYDRAULIC FAN (**contd.**)** **i04950615**



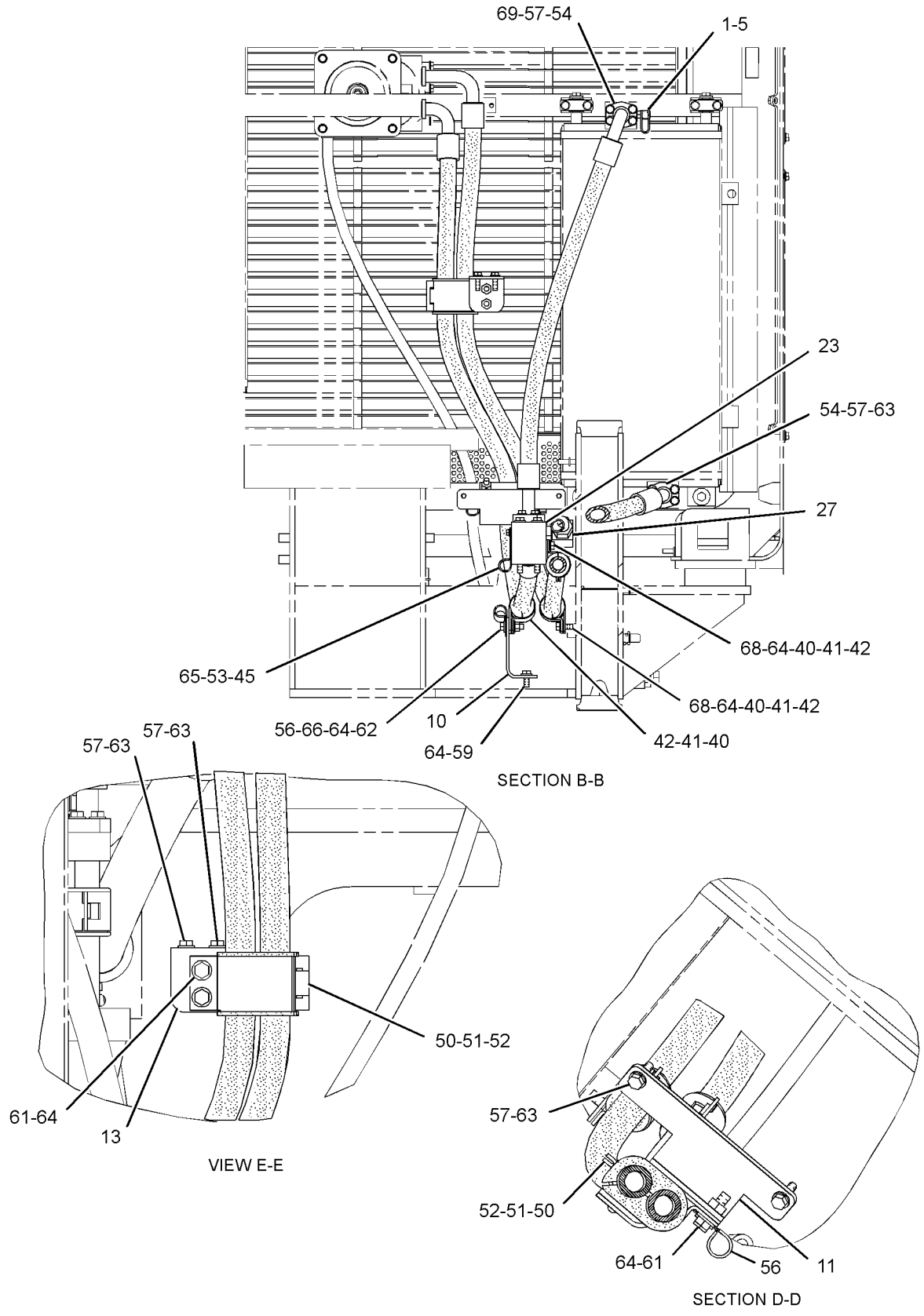
GRAPHIC #1 g03171016

229-7346 **LINES GP-HYDRAULIC FAN (**contd.**)** **i04950615**



GRAPHIC #2 g03171017

229-7346 **LINES GP-HYDRAULIC FAN (**contd.**)** **i04950615**



GRAPHIC #3 <END> g03171020

272-7986 LINES GP-HYDRAULIC OIL COOLER

S/N: BTW1-180

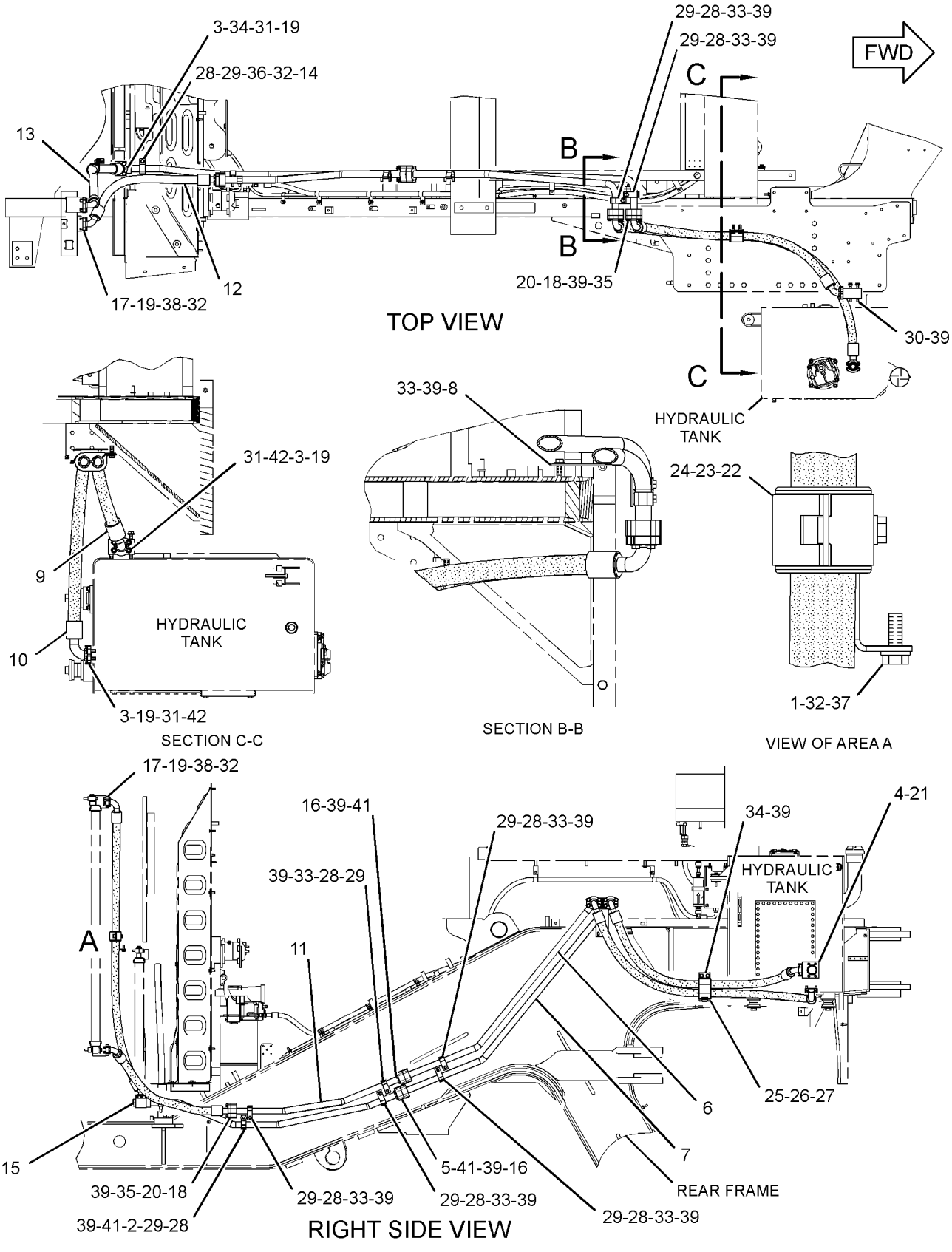
PART OF 230-3277 HYDRAULIC AR

SMCS-1374, 5057 **i02578391**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**197-6453**	1	BRACKET AS	
	2	1	**8B-9294**	1	SPACER (13.5X38X30-MM THK)	
	3	1	**197-3295**	6	FLANGE-HALF	
	4	1	**234-2822**	1	BLOCK	
	5	1	**240-5439**	1	TUBE AS	
	6	1	**240-5442**	1	TUBE AS	
	7	1	**240-5443**	1	TUBE AS	
	8	1	**240-5445**	1	BRACKET AS	
I	9	1	**240-5808**	1	HOSE AS	
I	10	1	**240-5809**	1	HOSE AS	
	11	1	**246-2804**	1	TUBE AS	
I	12	1	**272-7987**	1	HOSE AS	
I	13	1	**272-7988**	1	HOSE AS	
	14	1	**097-4896**	1	SPACER (12X20X23-MM THK)	
	15	1	*164-5616*	1	PLUG AS	
		1	**2S-4078**	1	SEAL-O-RING	
		1	**9S-6130**	1	PLUG	
	16	1	**1P-3705**	2	SEAL-RECTANGULAR	
	17	1	**1P-4578**	4	FLANGE-HALF	
	18	1	**1P-4579**	6	FLANGE-HALF	
	19	1	**4J-0522**	5	SEAL-O-RING	
	20	1	**4J-0524**	3	SEAL-O-RING	
	21	1	**4J-0527**	1	SEAL-O-RING	
	22	1	**5P-7470**	1	CLIP (SLOT)	
	23	1	**5P-7471**	1	CLIP (TAB)	
	24	1	**5P-8182**	1	GROMMET (46-MM ID)	
	25	1	**7G-3413**	1	CLIP (SLOT)	
	26	1	**7G-3414**	1	CLIP (TAB)	
	27	1	**7G-3415**	1	GROMMET	
	28	1	**7K-1401**	9	CLIP	
	29	1	**7K-1402**	9	BRACKET	
M	30	1	**7X-2549**	4	BOLT (M12X1.75X100-MM)	
	31	1	**7X-3392**	12	WASHER-HARD (13.5X22.5X3-MM THK)	
	32	1	**8T-4121**	11	WASHER-HARD (11X21X2.5-MM THK)	
M	33	1	**8T-4139**	9	BOLT (M12X1.75X30-MM)	
M	34	1	**8T-4183**	6	BOLT (M12X1.75X40-MM)	
M	35	1	**8T-4184**	12	BOLT (M12X1.75X45-MM)	
M	36	1	**8T-4185**	1	BOLT (M10X1.5X50-MM)	
M	37	1	**8T-4195**	2	BOLT (M10X1.5X30-MM)	
M	38	1	**8T-4196**	8	BOLT (M10X1.5X35-MM)	
	39	1	**8T-4223**	36	WASHER-HARD (13.5X25.5X3-MM THK)	
M	41	1	**8T-4910**	9	BOLT (M12X1.75X60-MM)	
M	42	1	**8T-4956**	8	BOLT (M12X1.75X35-MM)	

I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART

272-7986 **LINES GP-HYDRAULIC OIL COOLER** (contd.) **i02578391**



GRAPHIC #1 <END> g01360901

272-7986 LINES GP-HYDRAULIC OIL COOLER

S/N: BTW181-UP

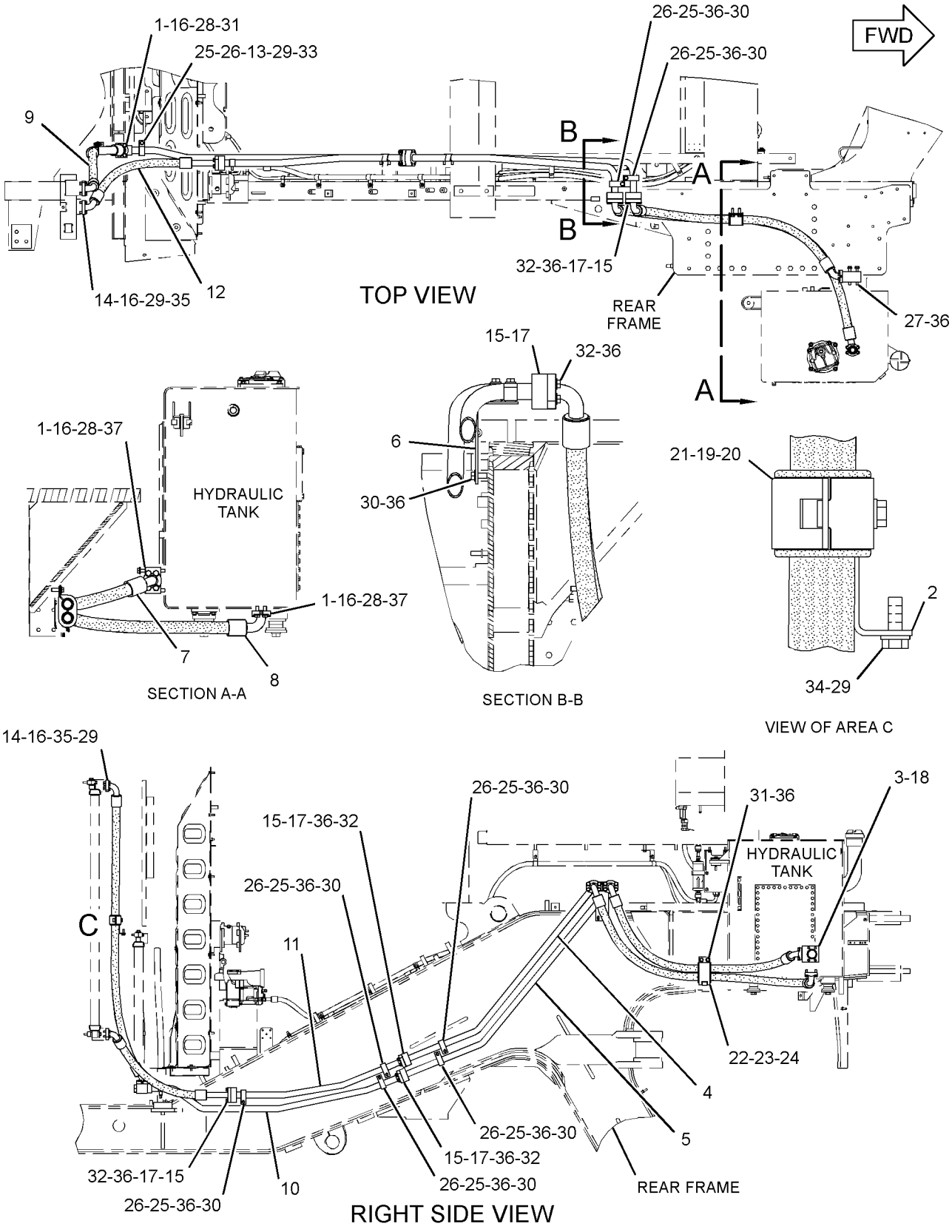
PART OF 230-3277 HYDRAULIC AR

SMCS-1374, 5057 **i03248582**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**197-3295**	6	FLANGE-HALF	
	2	1	**197-6453**	1	BRACKET AS	
	3	1	**234-2822**	1	BLOCK	
	4	1	**240-5442**	1	TUBE AS	
	5	1	**240-5443**	1	TUBE AS	
	6	1	**240-5445**	1	BRACKET AS	
I	7	1	**240-5808**	1	HOSE AS	
I	8	1	**240-5809**	1	HOSE AS	
I	9	1	**272-7988**	1	HOSE AS	
C	10	1	**297-1077**	1	TUBE AS	
C	11	1	**297-1092**	1	TUBE AS	
CI	12	1	**297-1093**	1	HOSE AS	
	13	1	**097-4896**	1	SPACER (12X20X23-MM THK)	
	14	1	**1P-4578**	4	FLANGE-HALF	
C	15	1	**1P-4579**	10	FLANGE-HALF	
	16	1	**4J-0522**	5	SEAL-O-RING	
C	17	1	**4J-0524**	5	SEAL-O-RING	
	18	1	**4J-0527**	1	SEAL-O-RING	
	19	1	**5P-7470**	1	CLIP (SLOT)	
	20	1	**5P-7471**	1	CLIP (TAB)	
	21	1	**5P-8182**	1	GROMMET (46-MM ID)	
	22	1	**7G-3413**	1	CLIP (SLOT)	
	23	1	**7G-3414**	1	CLIP (TAB)	
	24	1	**7G-3415**	1	GROMMET	
C	25	1	**7K-1401**	8	CLIP	
C	26	1	**7K-1402**	8	BRACKET	
M	27	1	**7X-2549**	4	BOLT (M12X1.75X100-MM)	
	28	1	**7X-3392**	12	WASHER-HARD (13.5X22.5X3-MM THK)	
	29	1	**8T-4121**	11	WASHER-HARD (11X21X2.5-MM THK)	
M	30	1	**8T-4139**	9	BOLT (M12X1.75X30-MM)	
M	31	1	**8T-4183**	6	BOLT (M12X1.75X40-MM)	
CM	32	1	**8T-4184**	20	BOLT (M12X1.75X45-MM)	
M	33	1	**8T-4185**	1	BOLT (M10X1.5X50-MM)	
M	34	1	**8T-4195**	2	BOLT (M10X1.5X30-MM)	
M	35	1	**8T-4196**	8	BOLT (M10X1.5X35-MM)	
C	36	1	**8T-4223**	35	WASHER-HARD (13.5X25.5X3-MM THK)	
M	37	1	**8T-4956**	8	BOLT (M12X1.75X35-MM)	

C - CHANGE FROM PREVIOUS TYPE
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART

272-7986 **LINES GP-HYDRAULIC OIL COOLER (**contd.**)** **i03248582**



GRAPHIC #1 <END> g01946298

235-0635 LINES GP-LIFT CYLINDER

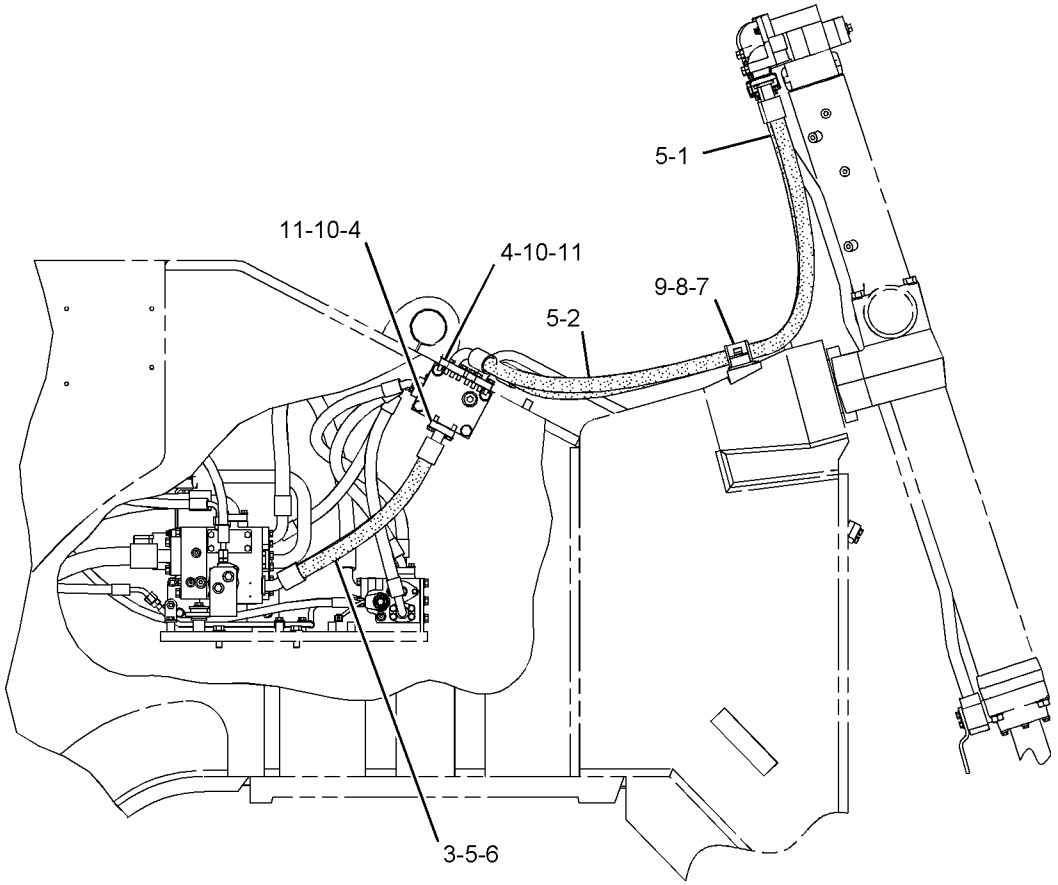
S/N: BTW1-153

PART OF 230-3277 HYDRAULIC AR

SMCS-5057, 5102 **i02034896**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
I	1	1	**152-7756**	2	HOSE AS	
I	2	1	**152-7757**	2	HOSE AS	
I	3	1	**241-6945**	2	HOSE AS	
	4	1	**1P-4577**	12	FLANGE-HALF	
	5	1	**4J-0520**	10	SEAL-O-RING	
	6	1	**4J-0522**	2	SEAL-O-RING	
	7	1	**5P-7468**	4	CLIP (SLOT)	
	8	1	**5P-7469**	4	CLIP (TAB)	
	9	1	**5P-8444**	4	GROMMET (37-MM ID)	
	10	1	**8T-4121**	24	WASHER-HARD (11X21X2.5-MM THK)	
M	11	1	**8T-4196**	24	BOLT (M10X1.5X35-MM)	

I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART



RIGHT SIDE VIEW

GRAPHIC #1 <END> g01049788

235-0635 LINES GP-LIFT CYLINDER

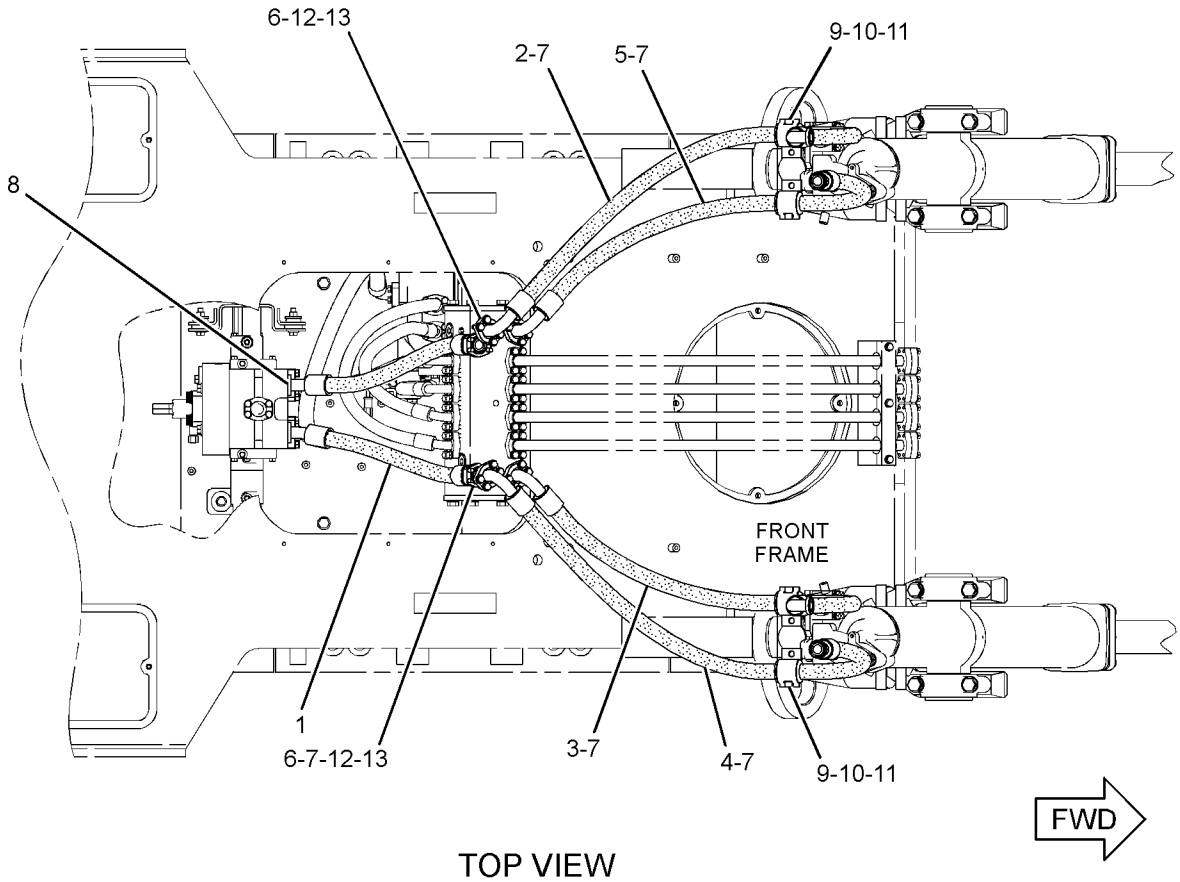
S/N: BTW154-179

PART OF 230-3277 HYDRAULIC AR

SMCS-5057, 5102 **i02488583**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
I	1	1	**241-6945**	2	HOSE AS	
CI	2	1	**267-5056**	1	HOSE AS	
CI	3	1	**267-5057**	1	HOSE AS	
CI	4	1	**267-5188**	1	HOSE AS	
CI	5	1	**267-5189**	1	HOSE AS	
	6	1	**1P-4577**	12	FLANGE-HALF	
	7	1	**4J-0520**	10	SEAL-O-RING	
	8	1	**4J-0522**	2	SEAL-O-RING	
	9	1	**5P-7468**	4	CLIP (SLOT)	
	10	1	**5P-7469**	4	CLIP (TAB)	
	11	1	**5P-8444**	4	GROMMET (37-MM ID)	
	12	1	**8T-4121**	24	WASHER-HARD (11X21X2.5-MM THK)	
M	13	1	**8T-4196**	24	BOLT (M10X1.5X35-MM)	

C - CHANGE FROM PREVIOUS TYPE
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART



TOP VIEW

GRAPHIC #1 <END> g01244624

235-0635 LINES GP-LIFT CYLINDER

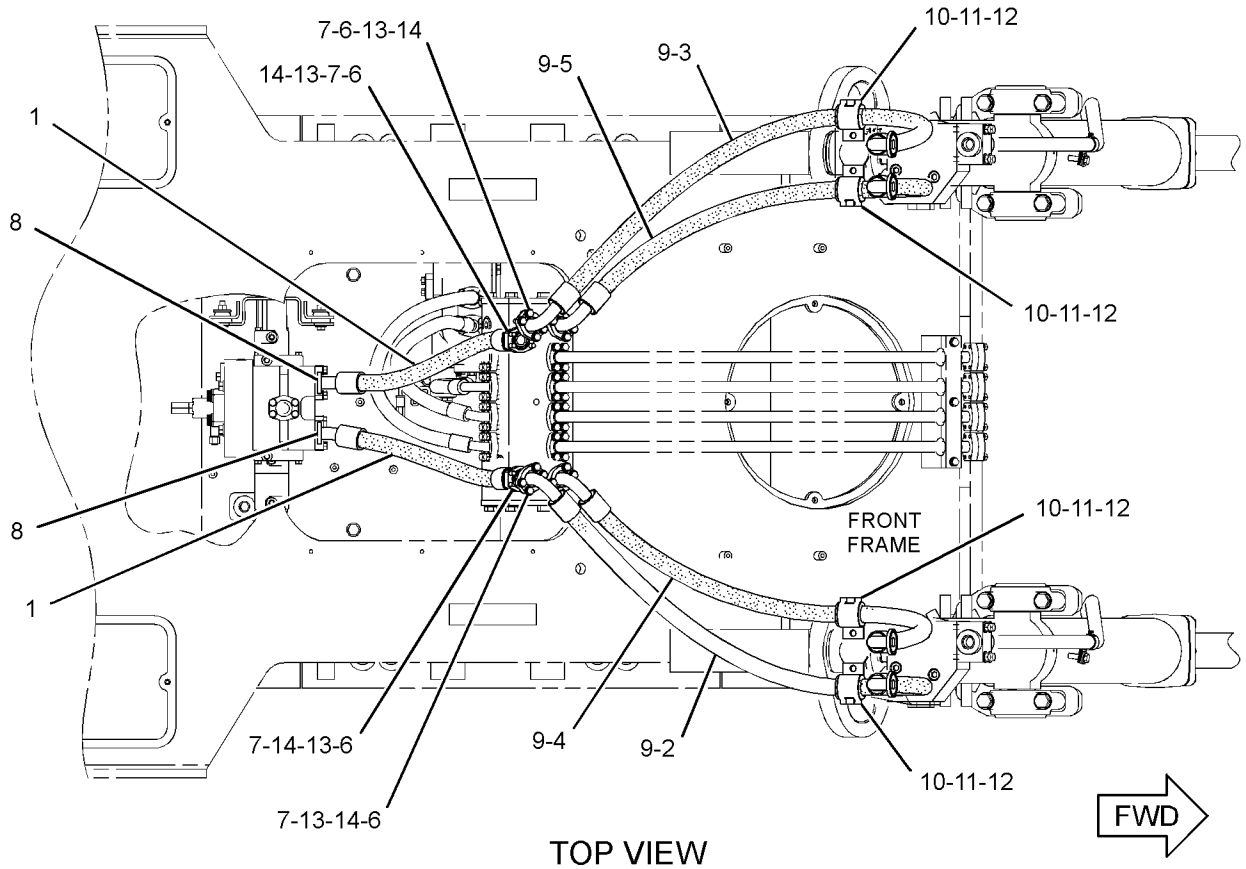
S/N: BTW180

PART OF 230-3277 HYDRAULIC AR

SMCS-5057, 5102 **i03147504**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
I	1	1	**241-6945**	2	HOSE AS	
CI	2	1	**319-6989**	1	HOSE AS	
CI	3	1	**319-6990**	1	HOSE AS	
CI	4	1	**319-6991**	1	HOSE AS	
CI	5	1	**319-6992**	1	HOSE AS	
	6	1	**1P-4577**	12	FLANGE-HALF	
C	7	1	**4J-0520**	6	SEAL-O-RING	
	8	1	**4J-0522**	2	SEAL-O-RING	
C	9	1	**4J-0524**	4	SEAL-O-RING	
	10	1	**5P-7468**	4	CLIP (SLOT)	
	11	1	**5P-7469**	4	CLIP (TAB)	
	12	1	**5P-8444**	4	GROMMET (37-MM ID)	
	13	1	**8T-4121**	24	WASHER-HARD (11X21X2.5-MM THK)	
M	14	1	**8T-4196**	24	BOLT (M10X1.5X35-MM)	

C - CHANGE FROM PREVIOUS TYPE
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART



TOP VIEW

GRAPHIC #1 <END> g01709415

235-0635 LINES GP-LIFT CYLINDER

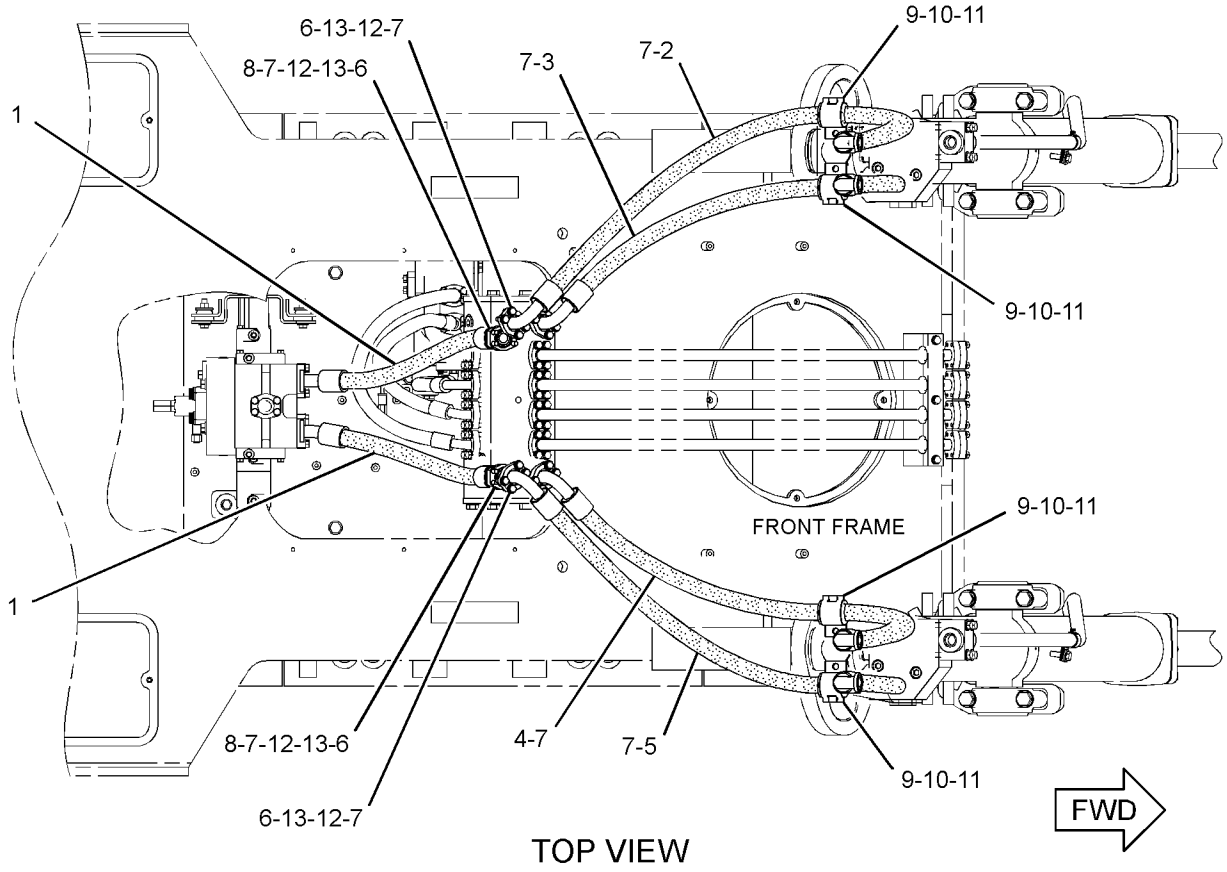
S/N: BTW181-UP

PART OF 230-3277 HYDRAULIC AR

SMCS-5057, 5102 **i03316082**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
I	1	1	**241-6945**	2	HOSE AS	
CI	2	1	**335-3897**	1	HOSE AS	
CI	3	1	**335-3898**	1	HOSE AS	
CI	4	1	**335-3899**	1	HOSE AS	
CI	5	1	**335-3900**	1	HOSE AS	
	6	1	**1P-4577**	12	FLANGE-HALF	
C	7	1	**4J-0520**	10	SEAL-O-RING	
	8	1	**4J-0522**	2	SEAL-O-RING	
	9	1	**5P-7468**	4	CLIP (SLOT)	
	10	1	**5P-7469**	4	CLIP (TAB)	
	11	1	**5P-8444**	4	GROMMET (37-MM ID)	
	12	1	**8T-4121**	24	WASHER-HARD (11X21X2.5-MM THK)	
M	13	1	**8T-4196**	24	BOLT (M10X1.5X35-MM)	

C - CHANGE FROM PREVIOUS TYPE
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART



TOP VIEW

GRAPHIC #1 <END> g01752936

229-7359 LINES GP-PILOT—PILOT OIL

S/N: BTW1-UP

PART OF 230-3277 HYDRAULIC AR

SMCS-5057, 5059 **i05400528**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	3	**3V-7738**	2	TAG-IDENTIFICATION (LETTER, NUMBER L1)	
	2	3	**3V-7739**	2	TAG-IDENTIFICATION (LETTER, NUMBER L2)	
	3	3	**3V-7740**	2	TAG-IDENTIFICATION (LETTER, NUMBER T1)	
	4	3	**3V-7741**	2	TAG-IDENTIFICATION (LETTER, NUMBER T2)	
I	5	3	**4E-6888**	1	HOSE AS	
I	6	4	**4E-9284**	1	HOSE AS	
	7	3	**5V-8194**	2	TAG-IDENTIFICATION (LETTERS HS)	
	8	2	**5V-8912**	2	CLAMP-HALF	
	9	2	**5V-8913**	8	CLAMP-HALF	
	10	4	**6V-0852**	1	CAP-DUST	
	11	4	**7X-3164**	1	ADAPTER-SWIVEL	
	12	4	**8C-3451**	1	CAP-DUST (HYDRAULIC OIL)	
I	13	3	**8W-0227**	2	HOSE AS	
I	14	2	**9R-0975**	1	HOSE AS	
Y	15	3	**9T-9551**	1	VALVE GP-COMBINATION (PILOT, BRAKE)	1098
	16	3	**9U-0181**	1	TUBE AS	
	17	3	**9U-0183**	1	TUBE AS	
	18	4	**9U-0193**	1	TUBE AS	
	19	4	**9U-0195**	1	TUBE AS	
	20	4	**9U-0198**	1	TUBE AS	
I	21	2	**9U-0218**	1	HOSE AS	
	22	3	**9U-0356**	1	BRACKET AS	
M		3	**8T-3490**	4	NUT-WELD (M10X1.5-THD)	
M		3	**8T-3597**	3	NUT-WELD (M12X1.75-THD)	
	23	1	**103-0010**	1	BRACKET AS	
	24	1	**112-1817**	1	VALVE-BALL	
	25	4	**125-6373**	1	ANGLE	
I	26	1	**131-4719**	1	HOSE AS	
	27	4	*148-8424*	1	TEE AS	
		4	**6V-8397**	1	SEAL-O-RING	
		4	**8T-8902**	1	ADAPTER-TEE	
	28	4	*150-4027*	1	TEE AS	
		4	**3E-2310**	1	TEE	
		4	**3J-1907**	1	SEAL-O-RING	
		4	**6V-8397**	1	SEAL-O-RING	
I	29	1	**153-5352**	1	HOSE AS	
	30	2	**162-9728**	1	BRACKET AS	
	31	4	*164-5631*	1	TEE AS	
		4	**6V-8398**	2	SEAL-O-RING	
		4	**6V-9746**	1	SEAL-O-RING	
		4	**110-4628**	1	TEE-UNION	
	32	1	**165-6750**	2	BRACKET AS	
I	33	2	**167-3896**	2	HOSE AS	
	34	2	**174-3931**	1	ANGLE AS	
	35	4	*184-2420*	1	ADAPTER AS	
		4	**3E-7401**	1	ADAPTER	
		4	**6V-8397**	1	SEAL-O-RING	
I	36	2	**7U-9834**	1	HOSE AS	

229-7359 **LINES GP-PILOT (**contd.**)** **i05400528**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	37	4	*226-0420*	1	ACCUMULATOR GP-HYDRAULIC (CHARGED)	993
I	38	2	**230-3007**	1	HOSE AS	
Y	39	4	*234-0351*	1	VALVE GP-RELIEF (BRAKE SYSTEM BACKUP)	992
	40	4	**235-1270**	1	BRACKET AS	
I	41	2	**292-0893**	1	HOSE AS	
	42	1	**249-7805**	1	VALVE GP-SHUTTLE	
	43	3	**253-1662**	1	BRACKET	
	44	1	**283-0128**	1	TUBE AS	
	45	1	**096-6166**	4	WASHER-HARD (4.5X9X1-MM THK)	
	46	1	*148-8309*	1	ADAPTER AS	
		1	**2P-8421**	1	ADAPTER-O-RING	
		1	**3D-2824**	1	SEAL-O-RING	
	47	3	*148-8322*	1	CONNECTOR AS	
		3	**2M-9780**	1	SEAL-O-RING	
		3	**6V-8640**	1	CONNECTOR	
		3	**6V-9746**	1	SEAL-O-RING	
	48	3	*148-8333*	1	CONNECTOR AS	
		3	**6V-8400**	1	SEAL-O-RING	
		3	**7M-8485**	1	SEAL-O-RING	
		3	**8T-7927**	1	CONNECTOR	
	49	2	*148-8340*	3	CONNECTOR AS	
					(EACH INCLUDES)	
		2	**3K-0360**	1	SEAL-O-RING	
		2	**6V-8398**	1	SEAL-O-RING	
		2	**6V-8639**	1	CONNECTOR	
	50	4	*148-8364*	1	ELBOW AS	
		4	**3K-0360**	1	SEAL-O-RING	
		4	**6V-8398**	1	SEAL-O-RING	
		4	**6V-8625**	1	ELBOW	
	51	3	*148-8365*	1	ELBOW AS	
		3	**3J-1907**	1	SEAL-O-RING	
		3	**6V-8398**	1	SEAL-O-RING	
		3	**8T-6876**	1	ELBOW	
	52	1,4	*148-8367*	2	ELBOW AS	
					(EACH INCLUDES)	
		1,4	**6V-8397**	1	SEAL-O-RING	
		1,4	**6V-9850**	1	ELBOW	
	53	4	*148-8370*	2	ELBOW AS	
					(EACH INCLUDES)	
		4	**6V-8398**	1	SEAL-O-RING	
		4	**6V-9851**	1	ELBOW	
	54	4	*148-8371*	1	ELBOW AS	
		4	**6V-8397**	1	SEAL-O-RING	
		4	**8C-8988**	1	ELBOW	
	55	1	*148-8373*	1	ELBOW AS	
		1	**6V-8400**	1	SEAL-O-RING	
		1	**7M-8485**	1	SEAL-O-RING	
		1	**8C-3364**	1	ELBOW	
	56	1	*148-8378*	3	ELBOW AS	
					(EACH INCLUDES)	
		1	**3J-1907**	1	SEAL-O-RING	

229-7359 **LINES GP-PILOT (**contd.**)** **i05400528**

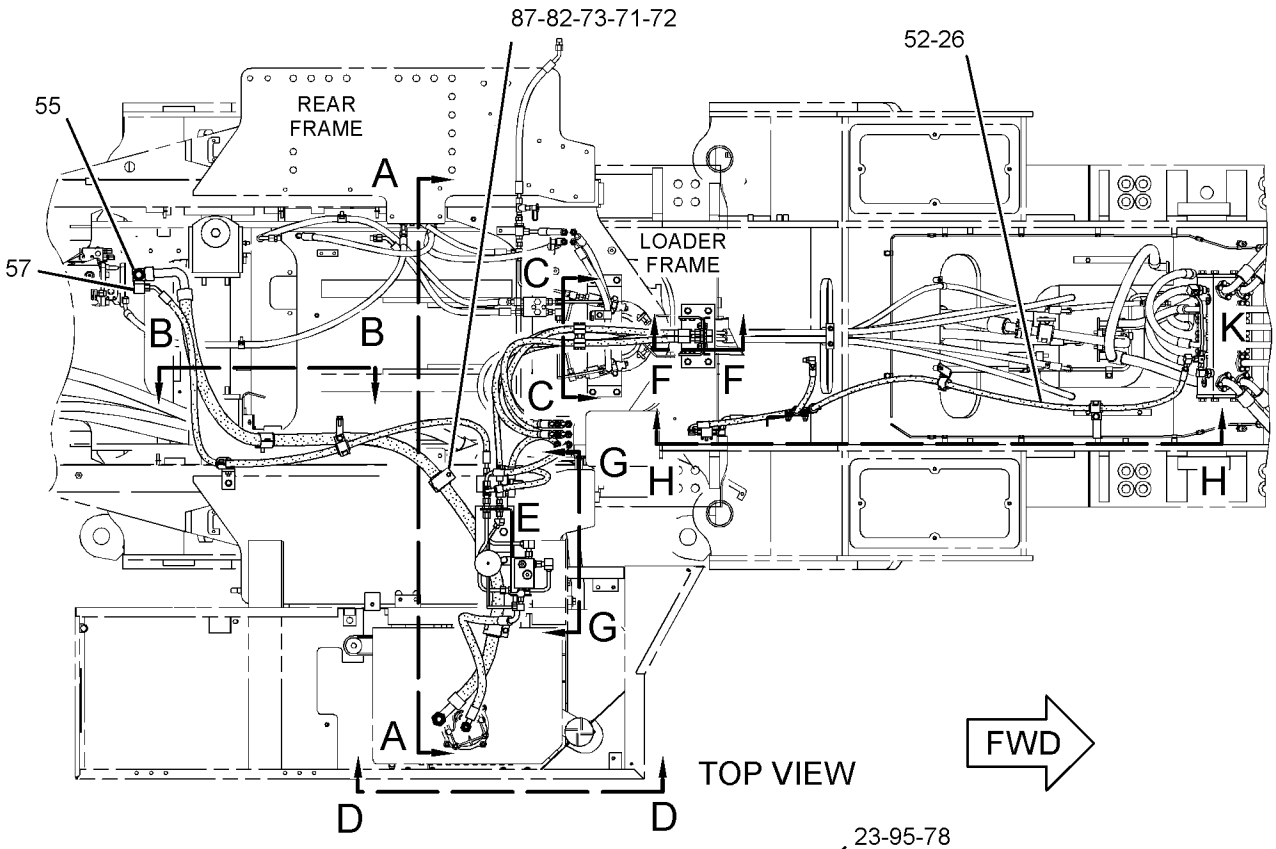
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		1	**6V-8397**	1	SEAL-O-RING	
		1	**6V-8724**	1	ELBOW	
	57	1	*148-8381*	1	ELBOW AS	
		1	**3D-2824**	1	SEAL-O-RING	
		1	**6V-8398**	1	SEAL-O-RING	
		1	**8T-5429**	1	ELBOW	
	58	4	*148-8434*	1	TEE AS	
		4	**6V-8397**	2	SEAL-O-RING	
		4	**6V-9843**	1	TEE	
	59	3	*148-8444*	1	TEE AS-SWIVEL	
		3	**6V-8398**	2	SEAL-O-RING	
		3	**6V-9837**	1	TEE-SWIVEL	
	60	3	*148-8457*	6	UNION AS (STRAIGHT)	
					(EACH INCLUDES)	
		3	**6V-8398**	2	SEAL-O-RING	
		3	**6V-8995**	1	UNION (STRAIGHT)	
	61	3	*149-5452*	2	UNION AS (STRAIGHT)	
					(EACH INCLUDES)	
		3	**6V-8397**	2	SEAL-O-RING	
		3	**6V-8994**	1	UNION (STRAIGHT)	
	62	1	*150-3028*	1	ELBOW AS	
		1	**3D-2824**	1	SEAL-O-RING	
		1	**6V-8397**	1	SEAL-O-RING	
		1	**6V-9343**	1	ELBOW	
	63	1	*150-4050*	1	ELBOW AS	
		1	**3J-1907**	1	SEAL-O-RING	
		1	**8T-0788**	1	ELBOW	
	64	4	*164-5567*	1	COUPLER AS-QUICK DISCONNECT (MALE)	
		4	**3J-1907**	1	SEAL-O-RING	
		4	**6V-3965**	1	FITTING (QUICK DISCONNECT)	
	65	4	*164-5590*	1	VALVE AS-FLUID SAMPLING (HYDRAULIC OIL)	
		4	**3J-7354**	1	SEAL-O-RING	
		4	**8C-3446**	1	VALVE-SAMPLING (HYDRAULIC OIL)	
	66	4	**3K-0360**	2	SEAL-O-RING	
	67	1	**5P-7462**	5	CLIP (SLOT)	
	68	1	**5P-7463**	5	CLIP (TAB)	
	69	2	**5P-7464**	2	CLIP (SLOT)	
	70	2	**5P-7465**	2	CLIP (TAB)	
	71	1,2,3	**5P-7468**	3	CLIP (SLOT)	
	72	1,2,3	**5P-7469**	3	CLIP (TAB)	
	73	1,2,3	**6V-0545**	3	GROMMET	
	74	1	**6V-0683**	5	GROMMET	
	75	2	**6V-1249**	2	GROMMET	
	76	3,4	**6V-9168**	3	NUT (11/16-16-THD)	
	77	3,4	**6V-9169**	7	NUT (13/16-16-THD)	
	78	1,2	**7X-7729**	2	WASHER (11X25X3-MM THK)	
M	79	1	**8T-0285**	4	SCREW-MACHINE (M4X0.7X12-MM)	
	80	2,3,4	**8T-4121**	4	WASHER-HARD (11X21X2.5-MM THK)	
M	81	4	**8T-4137**	2	BOLT (M10X1.5X20-MM)	
M	82	1,2,3	**8T-4139**	6	BOLT (M12X1.75X30-MM)	
M	83	2	**8T-4183**	1	BOLT (M12X1.75X40-MM)	
M	84	1	**8T-4184**	1	BOLT (M12X1.75X45-MM)	

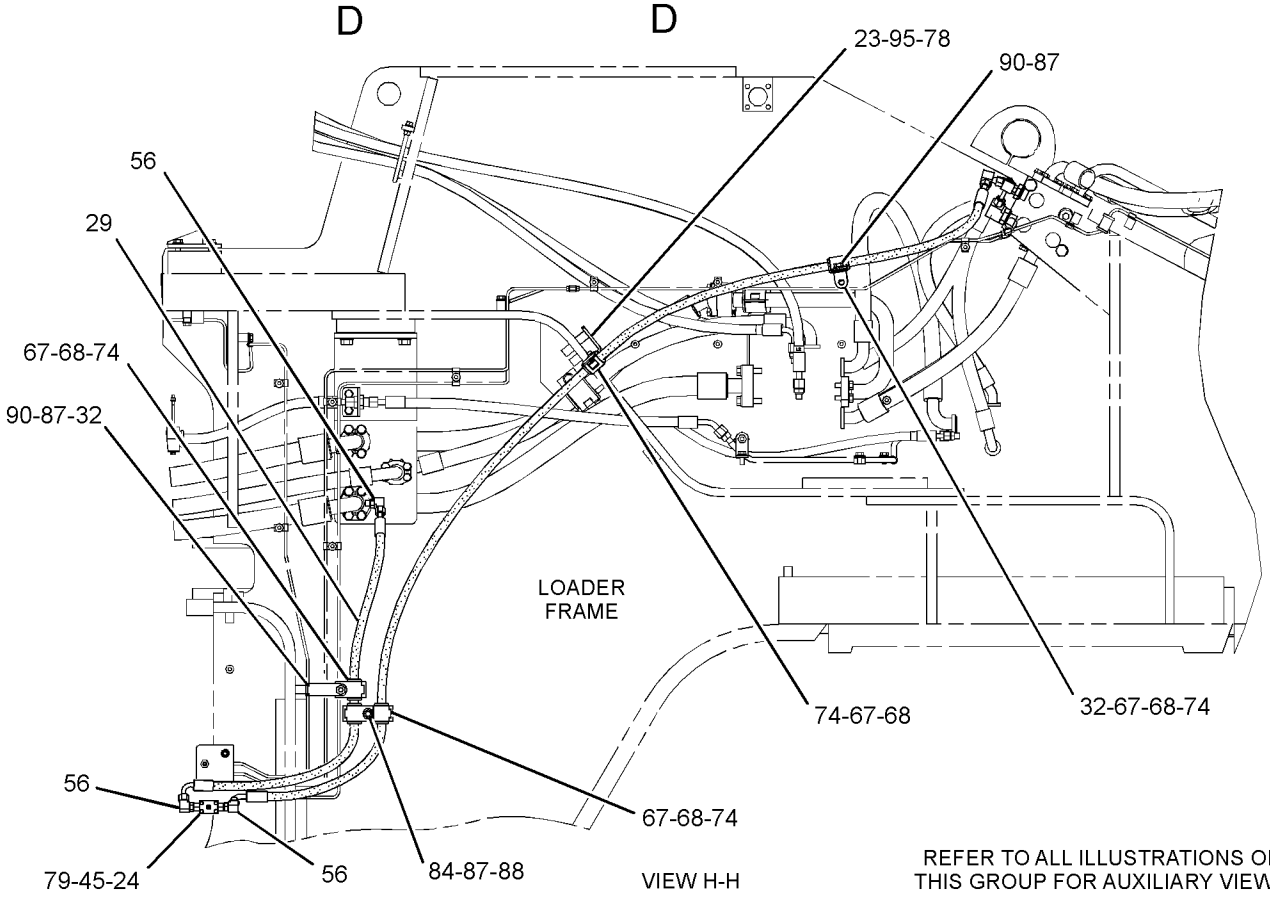
229-7359 **LINES GP-PILOT (**contd.**)** **i05400528**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	85	2	**8T-4185**	10	BOLT (M10X1.5X50-MM)	
M	86	2,3	**8T-4195**	3	BOLT (M10X1.5X30-MM)	
	87	1,2,3	**8T-4223**	15	WASHER-HARD (13.5X25.5X3-MM THK)	
M	88	1	**8T-4244**	1	NUT (M12X1.75-THD)	
M	89	3	**8T-4779**	3	BOLT (M16X2X35-MM)	
M	90	1,3	**8T-4956**	6	BOLT (M12X1.75X35-MM)	
M	91	4	**8T-4970**	2	BOLT (M6X1X14-MM)	
	92	4	**9X-8256**	2	WASHER (6.6X12X2-MM THK)	
	93	3	**9X-8257**	3	WASHER (17.5X30X3.5-MM THK)	
	94	1	**6V-8397**	3	SEAL-O-RING	
M	95	1	**8T-4196**	1	BOLT (M10X1.5X35-MM)	

I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART
Y - SEPARATE ILLUSTRATION

229-7359 **LINES GP-PILOT (**contd.**)** **i05400528**



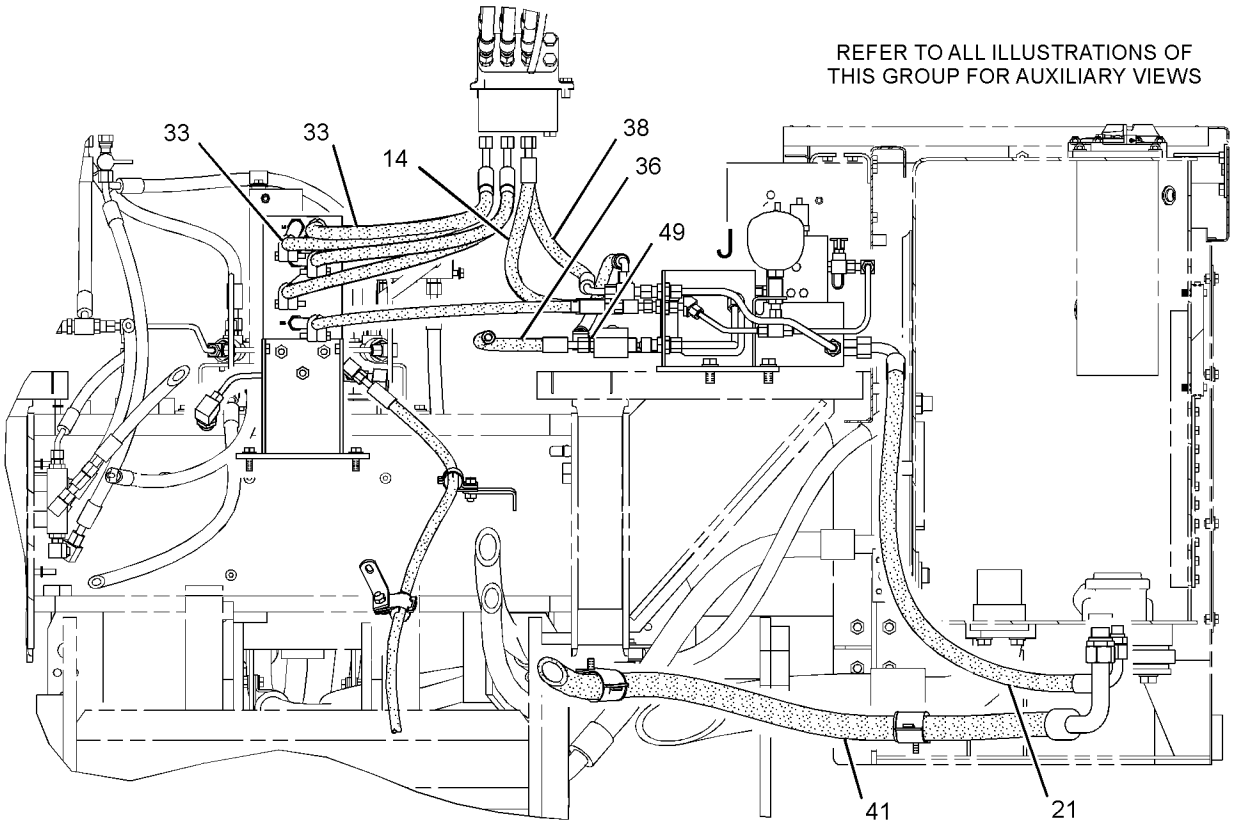


REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

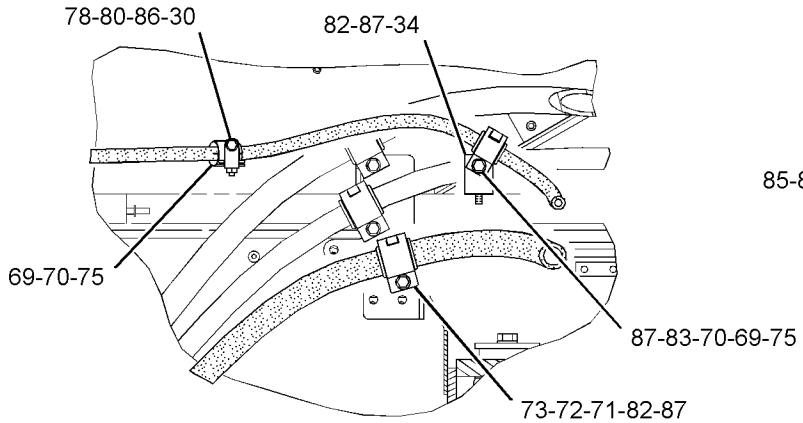
GRAPHIC #1

g03344041

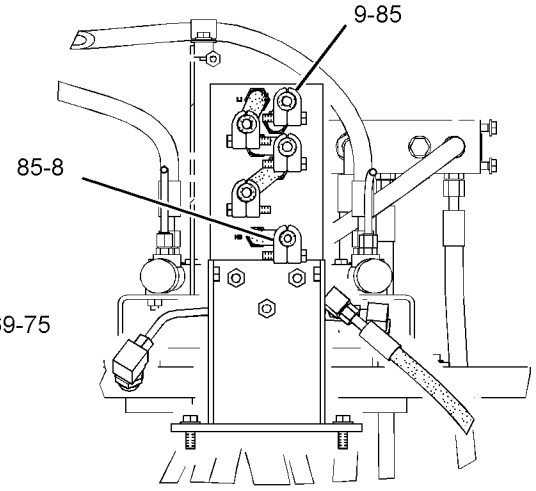
229-7359 **LINES GP-PILOT (**contd.**)** **i05400528**



SECTION A-A



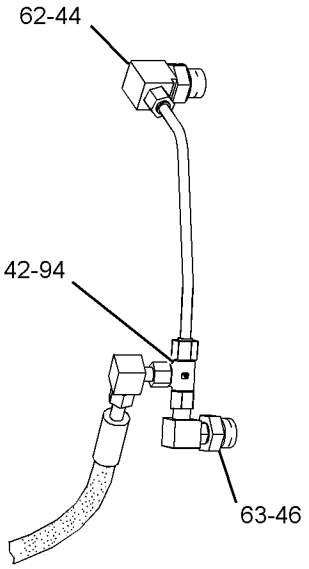
SECTION B-B



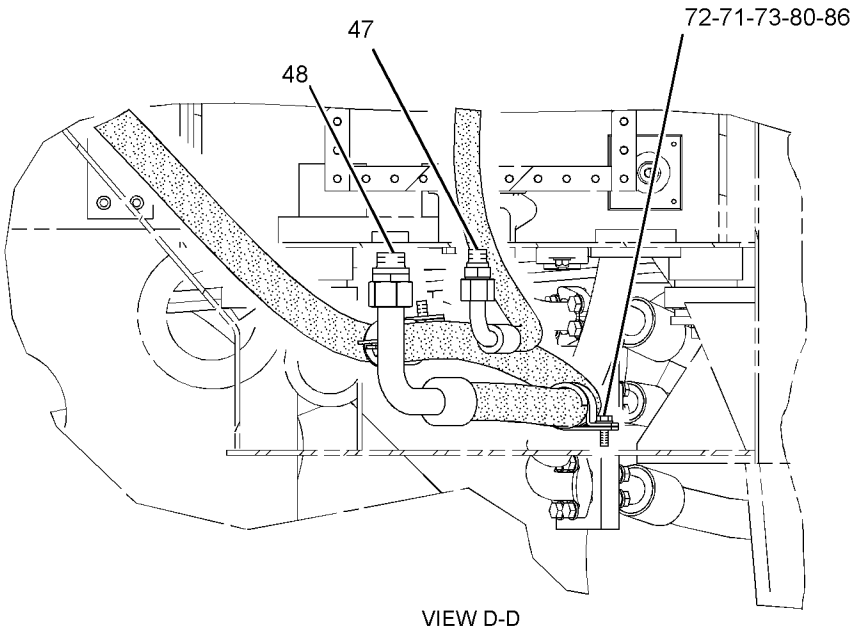
SECTION C-C

GRAPHIC #2 g01413003

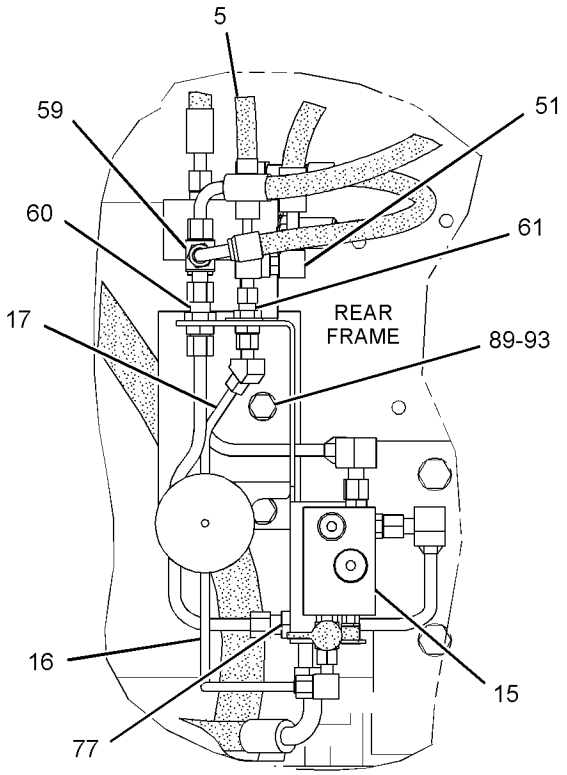
229-7359 **LINES GP-PILOT (**contd.**)** **i05400528**



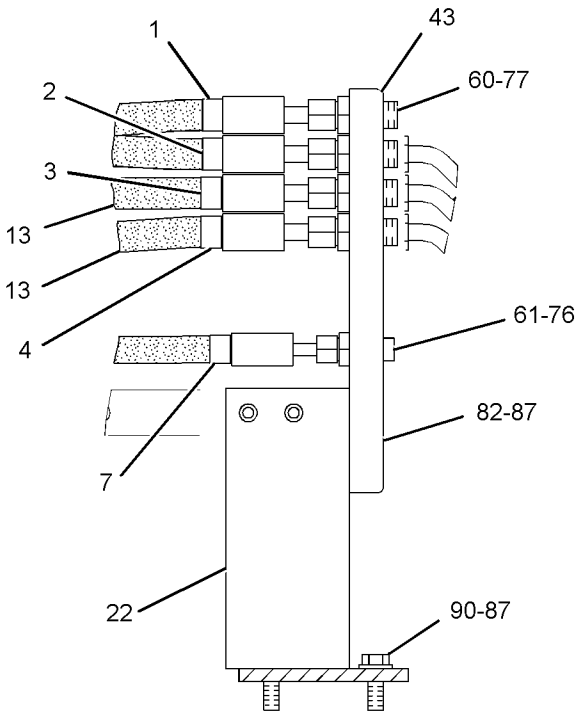
VIEW OF AREA K



VIEW D-D



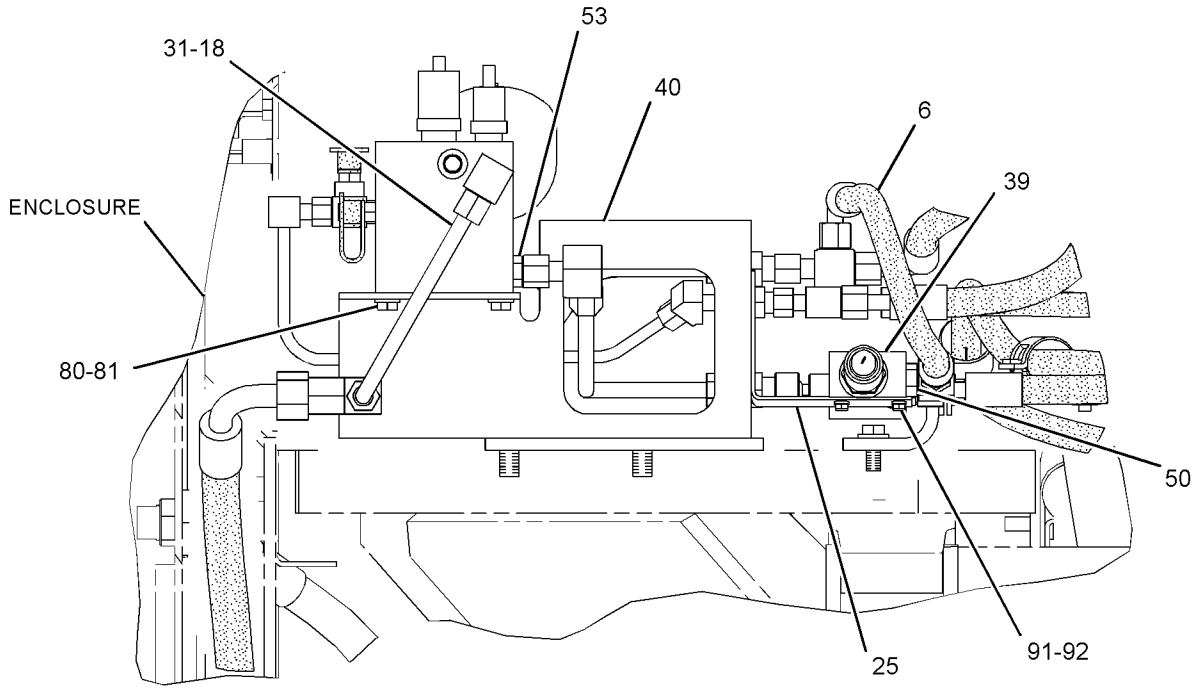
VIEW OF AREA E



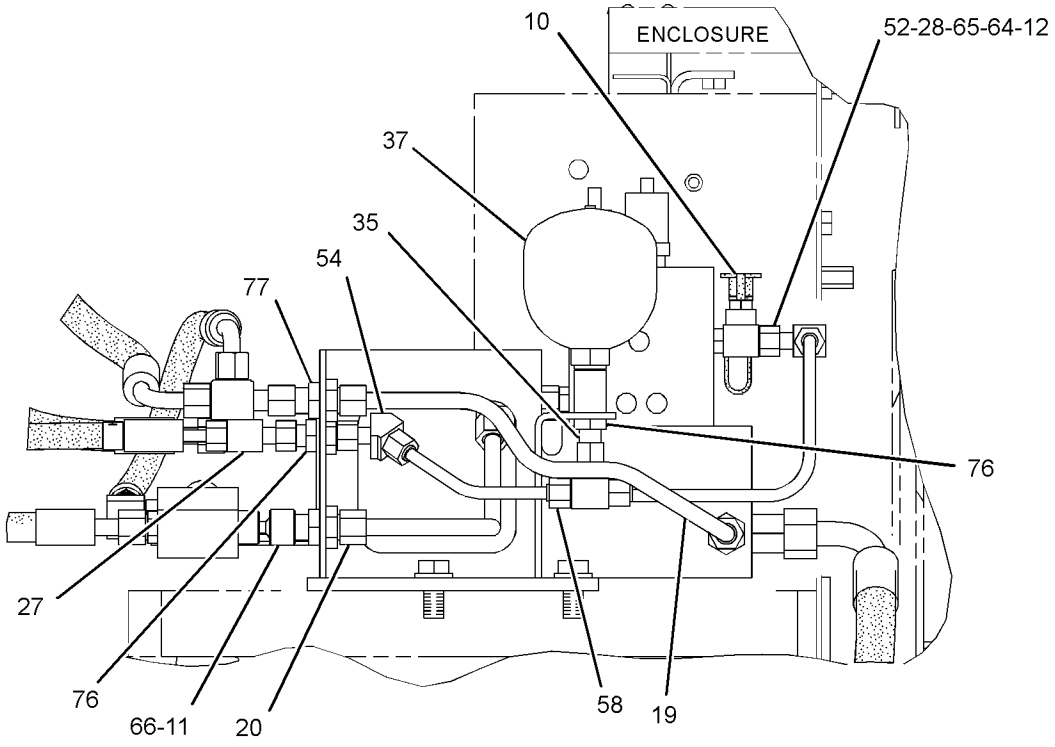
SECTION F-F

GRAPHIC #3 g01413006

229-7359 **LINES GP-PILOT (**contd.**)** **i05400528**



VIEW G-G



VIEW OF AREA J

GRAPHIC #4 <END> g01413002

209-9858 LINES GP-TILT CYLINDER

S/N: BTW1-UP

PART OF 209-3276 BULLDOZER AR

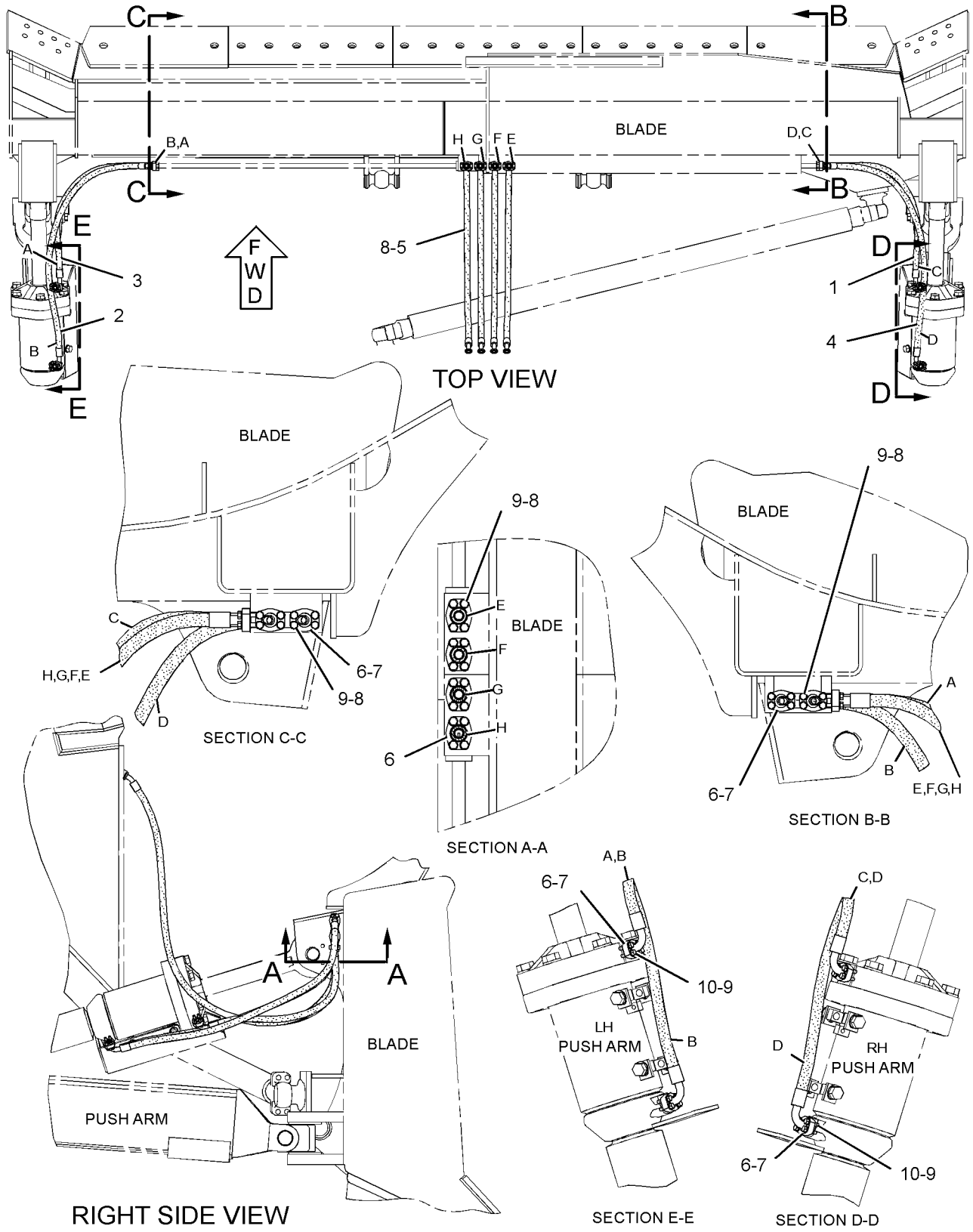
SMCS-5057, 5104

i06984489

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
I	1	1	**152-7751**	1	HOSE AS	
I	2	1	**152-7752**	1	HOSE AS	
I	3	1	**152-7753**	1	HOSE AS	
I	4	1	**152-7754**	1	HOSE AS	
I	5	1	**152-7755**	4	HOSE AS	
	6	1	**1P-4576**	24	FLANGE-HALF	
	7	1	**4J-5267**	16	SEAL-O-RING	
	8	1	**5S-7382**	32	BOLT (3/8-16X1.375-IN)	
	9	1	**8T-4121**	48	WASHER-HARD (11X21X2.5-MM THK)	
M	10	1	**8T-4196**	16	BOLT (M10X1.5X35-MM)	

I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART

209-9858 **LINES GP-TILT CYLINDER** (contd.) **i06984489**



GRAPHIC #1 <END> g06187335

235-0625 LINES GP-TILT CYLINDER

S/N: BTW1-UP

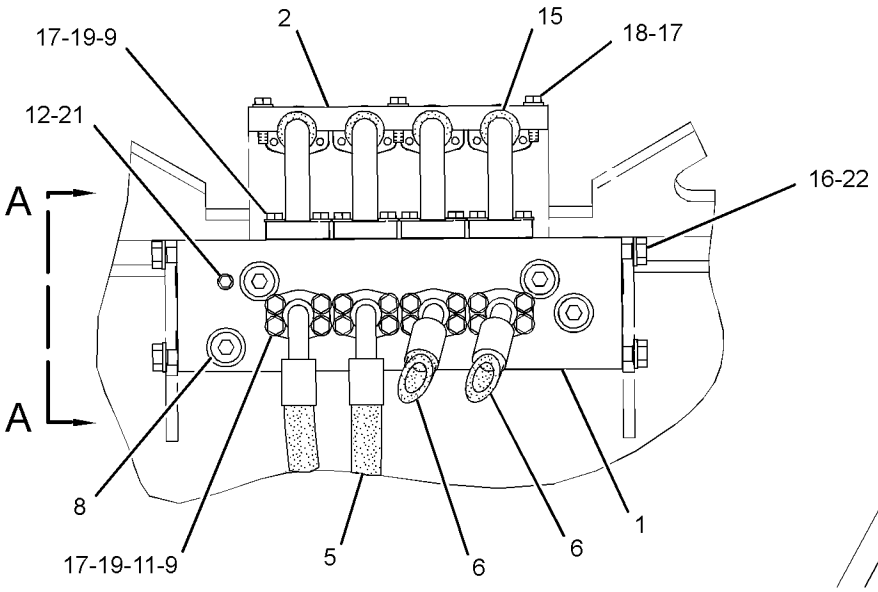
PART OF 230-3277 HYDRAULIC AR

SMCS-5057, 5104 **i02511436**

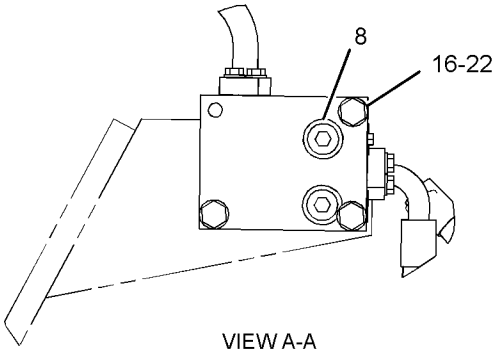
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**209-4406**	1	MANIFOLD	
	2	1	**209-4981**	1	PLATE	
	3	1	**209-8214**	4	TUBE AS	
I	4	1	**239-9828**	1	HOSE AS	
I	5	1	**241-0140**	1	HOSE AS	
I	6	1	**270-0313**	2	HOSE AS	
I	7	1	**270-0314**	1	HOSE AS	
	8	1	*148-8409*	7	PLUG AS	
		1	**3D-2824**	1	SEAL-O-RING	
		1	**9S-8008**	1	PLUG (1-1/16-12-THD)	
	9	1	**1P-4576**	24	FLANGE-HALF	
	10	1	**4J-0520**	3	SEAL-O-RING	
	11	1	**4J-5267**	15	SEAL-O-RING	
	12	1	**4J-7533**	1	SEAL-O-RING	
	13	1	**5H-4018**	4	COVER	
	14	1	**5S-7382**	16	BOLT (3/8-16X1.375-IN)	
	15	1	**6V-7359**	4	GROMMET (25-MM ID, 37-MM OD)	
M	16	1	**7X-2553**	6	BOLT (M16X2X40-MM)	
	17	1	**8T-4121**	35	WASHER-HARD (11X21X2.5-MM THK)	
M	18	1	**8T-4186**	3	BOLT (M10X1.5X40-MM)	
M	19	1	**8T-4196**	32	BOLT (M10X1.5X35-MM)	
	20	1	**8T-4896**	16	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	21	1	**9S-4180**	1	PLUG	
	22	1	**9X-8257**	6	WASHER (17.5X30X3.5-MM THK)	

I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART

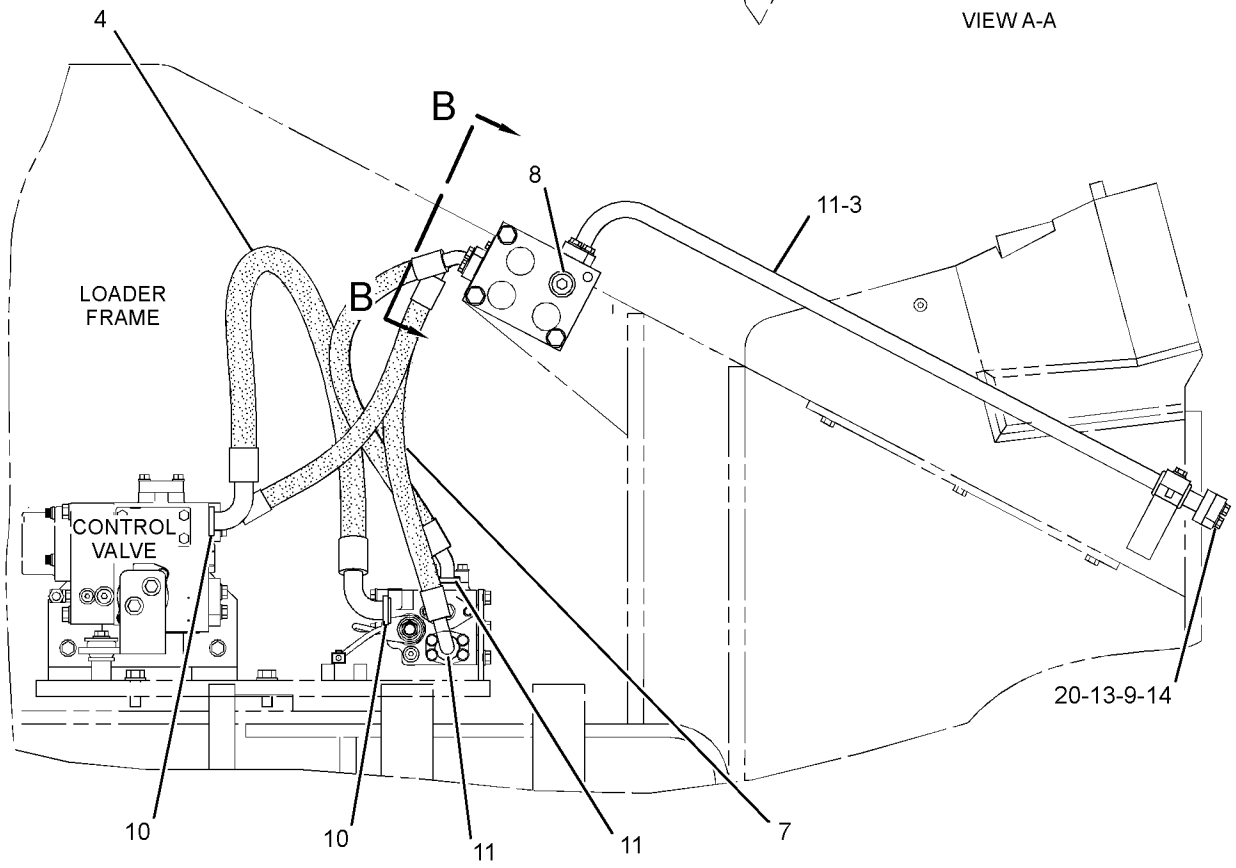
235-0625 **LINES GP-TILT CYLINDER (**contd.**)** **i02511436**



SECTION B-B



VIEW A-A



RIGHT SIDE VIEW

GRAPHIC #1 <END> g01220645

235-0650 MOTOR & MTG GP-HYDRAULIC FAN

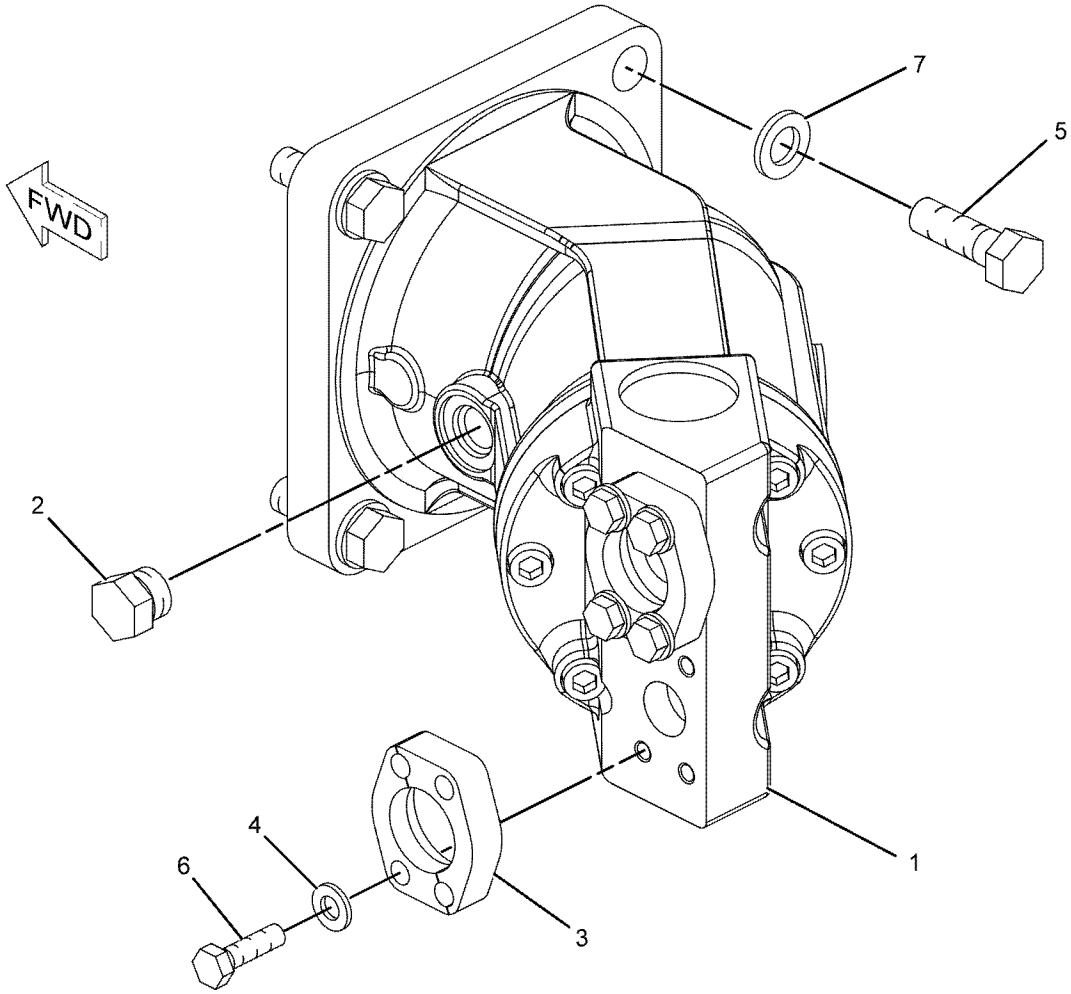
S/N: BTW1-UP

PART OF 276-2543 RADIATOR AR

SMCS-1386 **i04940456**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
YR	1	1	**229-0100**	1	MOTOR GP-PISTON (HYDRAULIC FAN)	1063
	2	1	*148-8410*	1	PLUG AS	
		1	**2M-9780**	1	SEAL-O-RING	
		1	**9S-4190**	1	PLUG-O-RING (7/8-14-THD)	
	3	1	**8C-3206**	4	FLANGE-HALF	
	4	1	**8T-4121**	8	WASHER-HARD (11X21X2.5-MM THK)	
M	5	1	**8T-4193**	4	BOLT (M16X2X50-MM)	
M	6	1	**8T-4196**	8	BOLT (M10X1.5X35-MM)	
	7	1	**9X-8257**	4	WASHER (17.5X30X3.5-MM THK)	

M - METRIC PART
R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g01047681

229-0100 MOTOR GP-PISTON—HYDRAULIC FAN*R

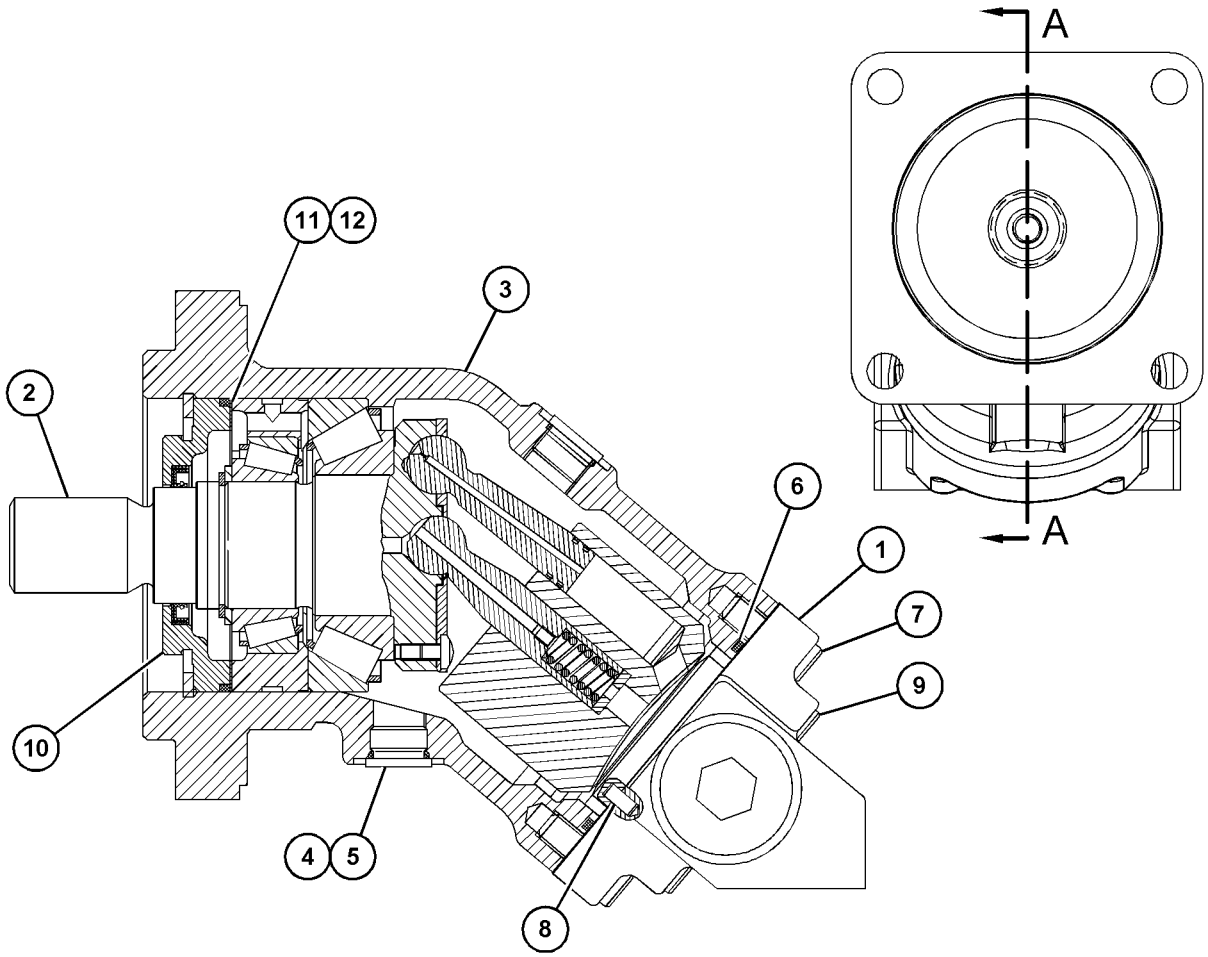
S/N: BTW1-UP

PART OF 235-0650 MOTOR & MTG GP-HYDRAULIC FAN

SMCS-1386, 5058 **i06943450**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**241-1886**	1	HEAD GP-PUMP	1025
Y	2	1	**171-5997**	1	ROTATING GP-MOTOR	1073
	3	1	**9T-1641**	1	HOUSING	
	4	1	**2M-9780**	1	SEAL-O-RING	
	5	1	**9S-8006**	1	PLUG (7/8-14-THD)	
	6	1	**6V-1197**	1	SEAL-O-RING	
M	7	1	**8T-3957**	2	BOLT-SOCKET HEAD (M12X1.75X30-MM)	
	8	1	**8T-4231**	1	DOWEL	
M	9	1	**095-0670**	4	BOLT (M12X1.75X45-MM)	
Y	10	1	**512-5159**	1	COVER GP-MOTOR	683
B	11	1	**9T-1579**	1	SHIM (0.3-MM THK)	
B	12	1	**9T-1576**	1	SHIM (0.1-MM THK)	
					AVAILABLE REPAIR KIT(S):	
			241-2924	1	KIT-SEAL (PISTON MOTOR)	
					(INCLUDES SEAL & O-RINGS)	

B - USE AS REQUIRED
M - METRIC PART
Y - SEPARATE ILLUSTRATION



SECTION A-A

GRAPHIC #1 <END> g06200057

259-3001 PIVOT GP-PILOT VALVE

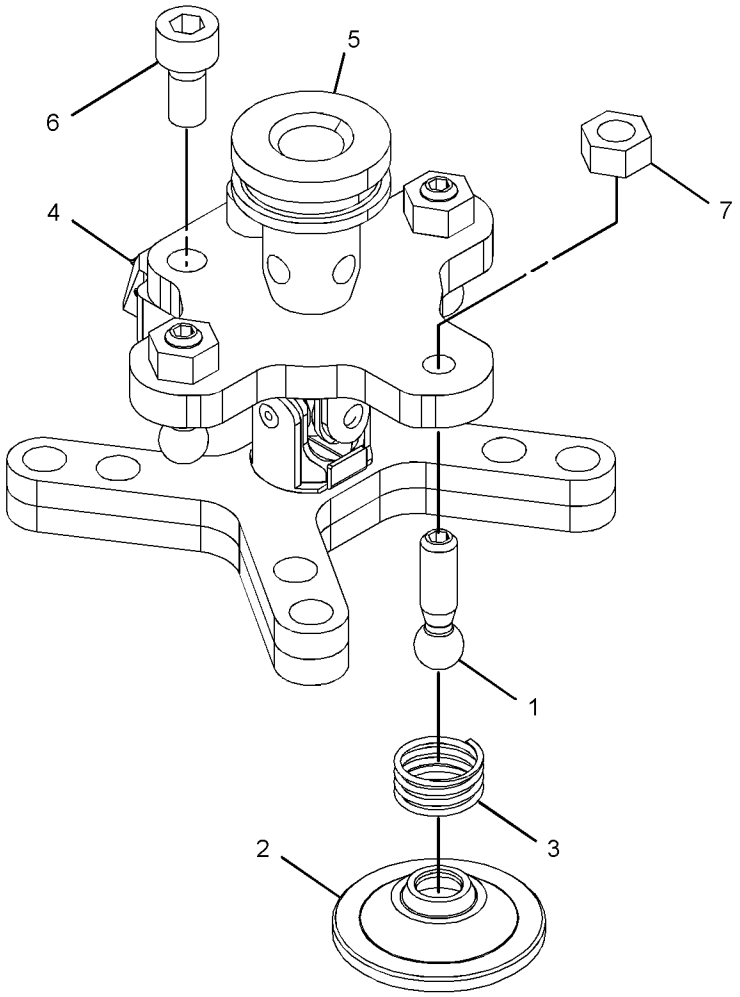
S/N: BTW1-UP

PART OF 229-8724 VALVE GP-PILOT

SMCS-5059 **i05254373**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**146-6315**	3	PIN-ADJUSTMENT	
	2	1	**146-6317**	1	RETAINER	
	3	1	**159-3781**	1	SPRING	
	4	1	**199-7834**	1	DETENT AS	
		1	**8S-7499**	2	PIN-SPRING	
	5	1	**260-1847**	1	LEVER AS	
M	6	1	**191-8920**	2	BOLT-SOCKET HEAD (M6X1X12-MM)	
M	7	1	**5C-2890**	3	NUT (M6X1-THD)	

M - METRIC PART



GRAPHIC #1 <END> g03348428

229-7350 PUMP & MTG GP-IMPLEMENT

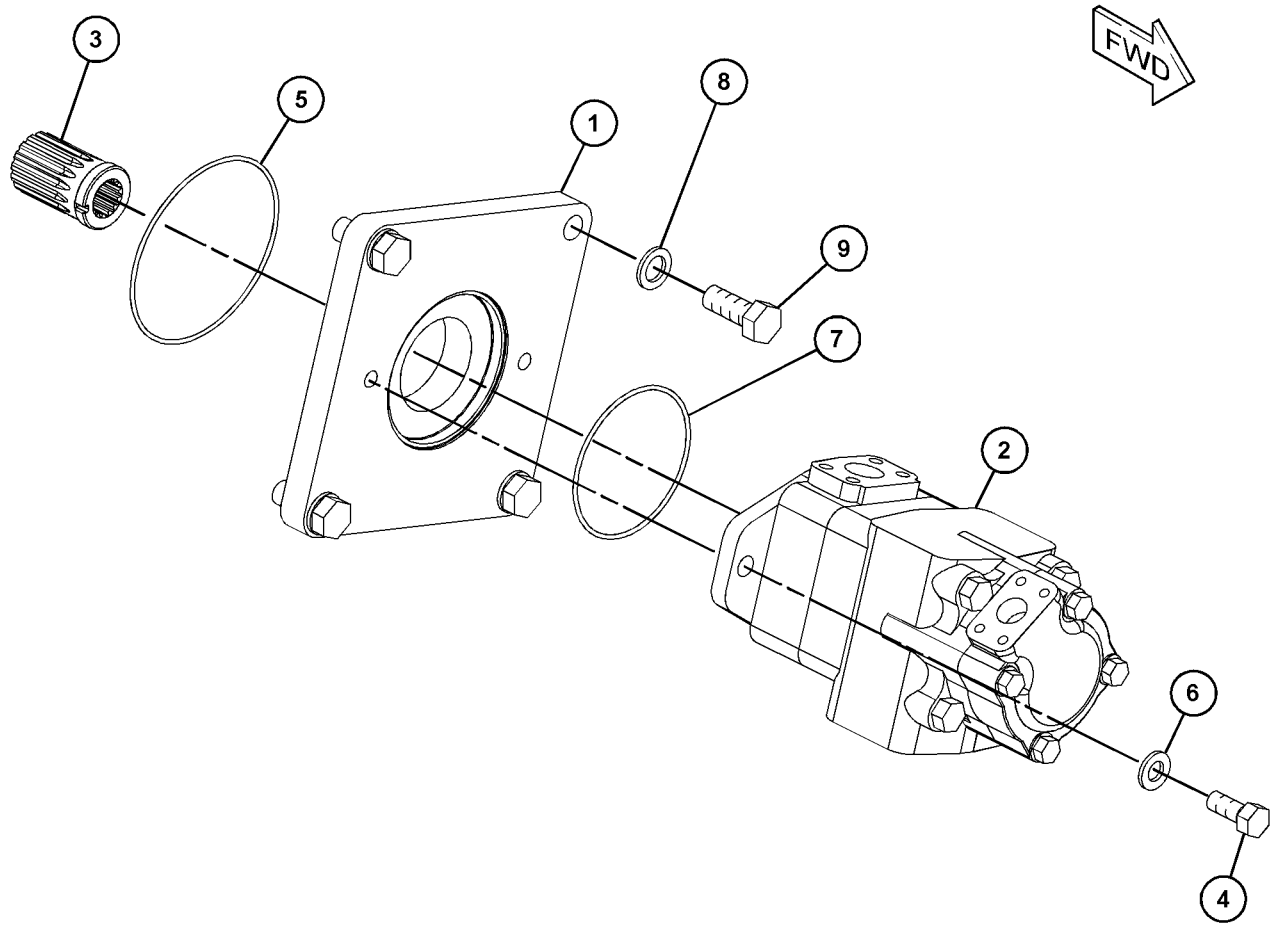
S/N: BTW1-UP

PART OF 230-3277 HYDRAULIC AR

SMCS-5084 **i06940840**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**152-9771**	1	PLATE-MOUNTING	
Y	2	1	**157-0956**	1	PUMP GP-VANE (IMPLEMENT)	1072
	3	1	**237-0331**	1	ADAPTER	
	4	1	**8T-9393**	2	BOLT (5/8-11X1.5-IN)	
	5	1	**2K-4472**	1	SEAL-O-RING	
	6	1	**8T-4122**	2	WASHER-HARD (17X32X3.5-MM THK)	
	7	1	**6V-8260**	1	SEAL-O-RING	
	8	1	**8T-4123**	4	WASHER (3.62X5.75X0.375-MM THK)	
M	9	1	**8T-6430**	4	BOLT (M20X2.5X50-MM)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g06197690

229-7342 PUMP & MTG GP-PILOT & BRAKE

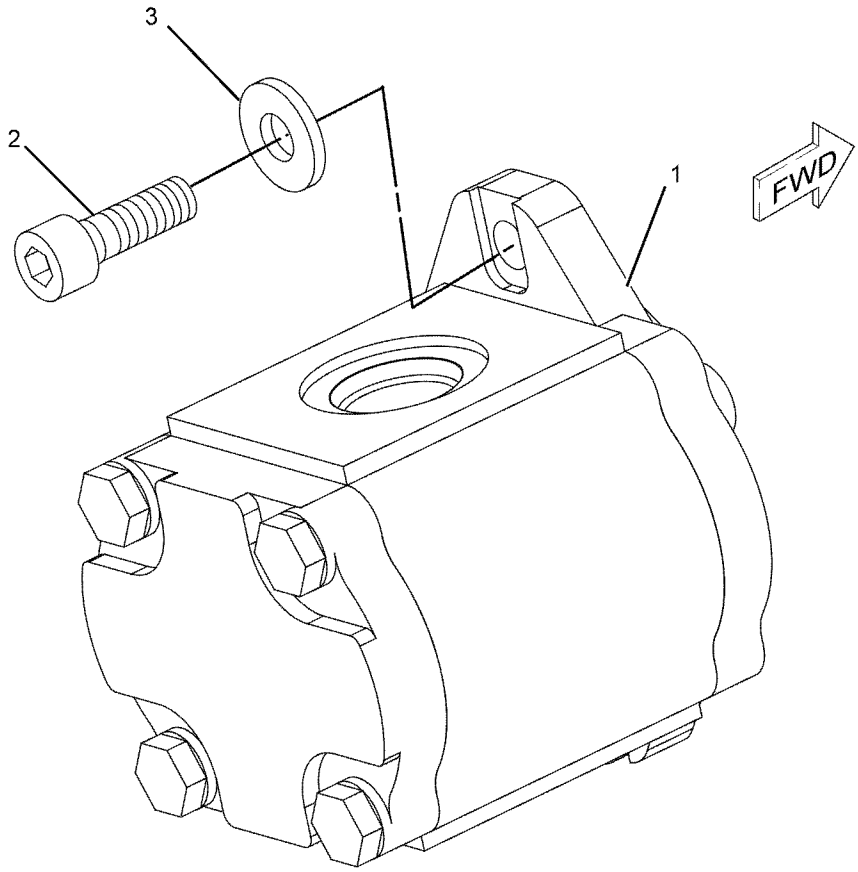
S/N: BTW1-UP

PART OF 230-3277 HYDRAULIC AR

SMCS-4268, 5073, 5085 **i02390380**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**230-0914**	1	PUMP GP-GEAR (PILOT, BRAKE)	1067
M	2	1	**101-7404**	2	BOLT-SOCKET HEAD (M10X1.5X30-MM)	
	3	1	**7X-7729**	2	WASHER (11X25X3-MM THK)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g01049369

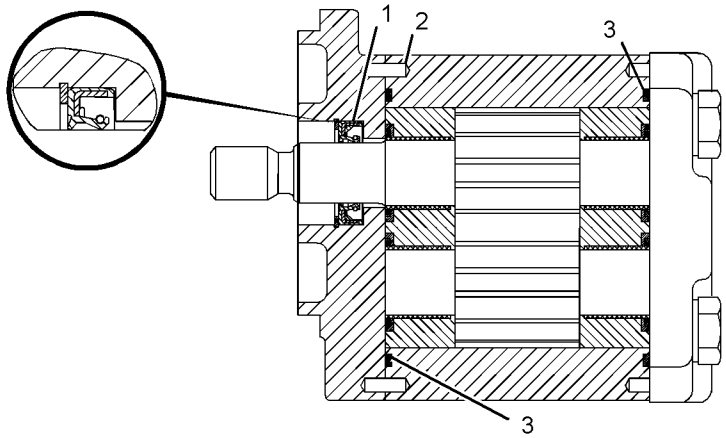
230-0914 PUMP GP-GEAR–PILOT, BRAKE

S/N: BTW1-UP

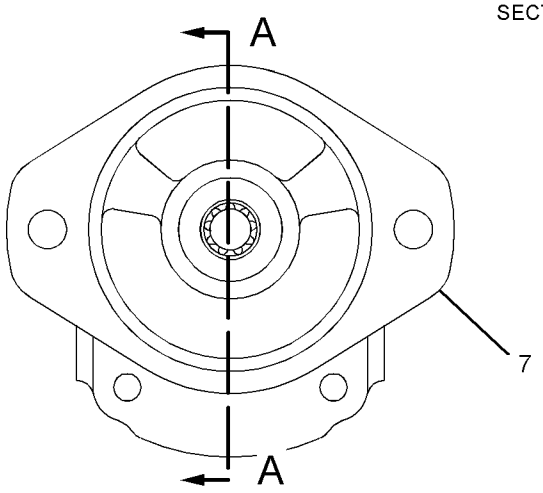
PART OF 229-7342 PUMP & MTG GP-PILOT & BRAKE

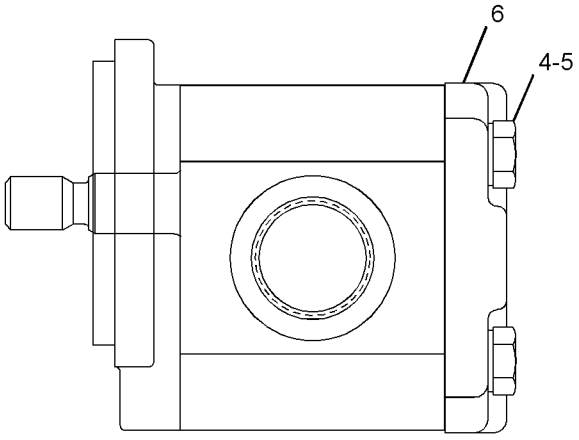
SMCS-5073 **i02391378**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**143-4046**	1	SEAL-LIP TYPE	
	2	1	**236-7249**	2	DOWEL	
	3	1	**5P-5757**	2	SEAL-O-RING	
	4	1	**5W-1401**	4	WASHER (10.5X18X1.6-MM THK)	
	5	1	**236-7199**	4	BOLT	
	6	1	**236-7203**	1	HOUSING	
	7	1	**236-7202**	1	HOUSING-FRONT	
					AVAILABLE REPAIR KIT(S):	
			236-7205	1	KIT-SEAL	



SECTION A-A





GRAPHIC #1 <END> g01048611

229-0099 PUMP GP-PISTON—HYD FAN, STD, MID RANGE TEMP*R

S/N: BTW1-206

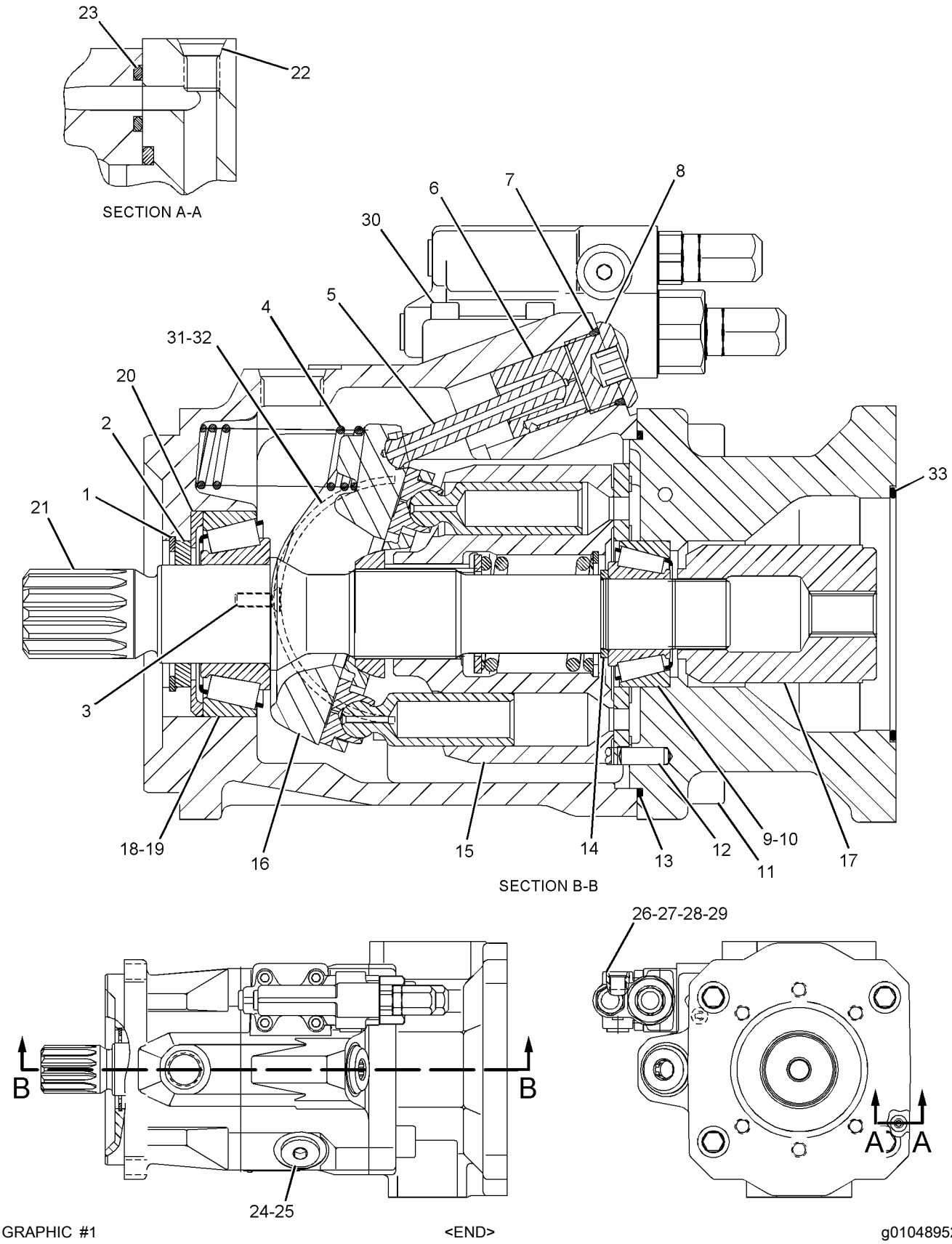
PART OF 229-7343 PUMP & MTG GP-STEERING & FAN

SMCS-5070 **i02437898**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**180-6213**	1	RING-RETAINING	
	2	1	**168-7319**	1	SEAL-SHAFT	
M	3	1	**6R-7943**	2	SCREW (M5X0.8X15-MM)	
	4	1	**180-3787**	1	SPRING	
	5	1	**180-3780**	1	ROD	
	6	1	**174-9994**	1	PISTON-CONTROL	
	7	1	**8T-7525**	1	SEAL-O-RING	
	8	1	**198-5351**	1	PLUG	
	9	1	**8J-0412**	1	CUP-BEARING	
	10	1	**3P-1210**	1	CONE-BEARING	
M	11	1	**8T-2503**	4	BOLT-SOCKET HEAD (M14X2X35-MM)	
	12	1	**204-2799**	1	DOWEL	
	13	1	**192-7470**	1	SEAL-O-RING	
B	14	1	**168-2203**	1	SHIM-SHAFT (3-MM THK)	
Y	15	1	**197-2849**	1	ROTATING GP-PUMP	1077
	16	1	**168-7317**	1	SWASHPLATE	
	17	1	**235-2405**	1	COUPLER	
	18	1	**9W-2110**	1	CUP-TAPERED ROLLER	
	19	1	**9W-2109**	1	CONE-BEARING	
	20	1	**190-6507**	1	RING-STOP	
	21	1	**235-2404**	1	SHAFT	
	22	1	**136-8423**	2	PLUG-BREAK OFF	
	23	1	**168-3504**	2	SEAL	
	24	1	**9S-8006**	1	PLUG (7/8-14-THD)	
	25	1	**2M-9780**	1	SEAL-O-RING	
Y	26	1	**207-0697**	1	VALVE GP-PUMP CONTROL (PRESSURE, FLOW COMPENSATOR)	1110
	27	1	**9X-7680**	3	SEAL-O-RING	
	28	1	**9S-8002**	1	PLUG (7/16-20-THD)	
	29	1	**3J-7354**	1	SEAL-O-RING	
M	30	1	**8T-8442**	4	BOLT-SOCKET HEAD (M6X1X30-MM)	
	31	1	**235-2407**	1	BEARING-CRADLE	
	32	1	**235-2408**	1	BEARING-CRADLE	
	33	1	**177-0344**	1	SEAL-O-RING	

B - USE AS REQUIRED
M - METRIC PART
Y - SEPARATE ILLUSTRATION

229-0099 **PUMP GP-PISTON (**contd.**)** **i02437898**



GRAPHIC #1 <END> g01048952

235-0843 PUMP GP-PISTON—HYD FAN, HIGH AMBIENT TEMP*R

S/N: BTW1-UP

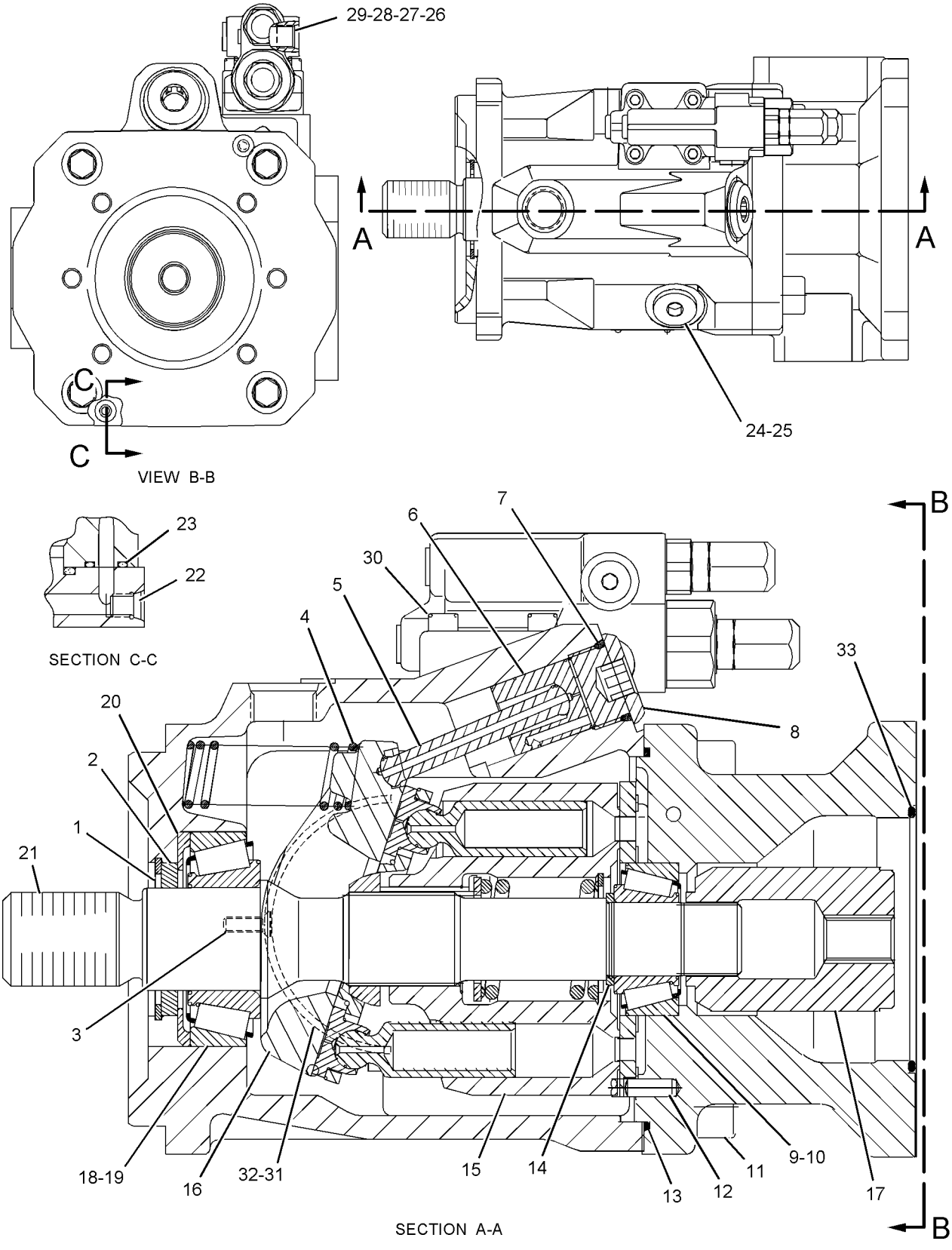
PART OF 234-4996 COOLING AR-HIGH AMBIENT TEMP, 367-5651 PUMP & MTG GP-STEERING & FAN

SMCS-5070 **i02437905**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**180-6213**	1	RING-RETAINING	
	2	1	**168-7319**	1	SEAL-SHAFT	
M	3	1	**6R-7943**	2	SCREW (M5X0.8X15-MM)	
	4	1	**180-3787**	1	SPRING	
	5	1	**180-3780**	1	ROD	
	6	1	**174-9994**	1	PISTON-CONTROL	
	7	1	**8T-7525**	1	SEAL-O-RING	
	8	1	**198-5351**	1	PLUG	
	9	1	**8J-0412**	1	CUP-BEARING	
	10	1	**3P-1210**	1	CONE-BEARING	
M	11	1	**8T-2503**	4	BOLT-SOCKET HEAD (M14X2X35-MM)	
	12	1	**204-2799**	1	DOWEL	
	13	1	**192-7470**	1	SEAL-O-RING	
	14	1	**168-2203**	1	SHIM-SHAFT (3-MM THK)	
Y	15	1	**197-2849**	1	ROTATING GP-PUMP	1077
	16	1	**168-7317**	1	SWASHPLATE	
	17	1	**235-2405**	1	COUPLER	
	18	1	**9W-2110**	1	CUP-TAPERED ROLLER	
	19	1	**9W-2109**	1	CONE-BEARING	
	20	1	**190-6507**	1	RING-STOP	
	21	1	**235-2404**	1	SHAFT	
	22	1	**136-8423**	2	PLUG-BREAK OFF	
	23	1	**168-3504**	2	SEAL	
	24	1	**9S-8006**	1	PLUG (7/8-14-THD)	
	25	1	**2M-9780**	1	SEAL-O-RING	
Y	26	1	**207-0697**	1	VALVE GP-PUMP CONTROL (PRESSURE, FLOW COMPENSATOR)	1110
	27	1	**9X-7680**	3	SEAL-O-RING	
	28	1	**9S-8002**	1	PLUG (7/16-20-THD)	
	29	1	**3J-7354**	1	SEAL-O-RING	
M	30	1	**8T-8442**	4	BOLT-SOCKET HEAD (M6X1X30-MM)	
	31	1	**235-2407**	1	BEARING-CRADLE	
	32	1	**235-2408**	1	BEARING-CRADLE	
	33	1	**177-0344**	1	SEAL-O-RING	

M - METRIC PART
Y - SEPARATE ILLUSTRATION

235-0843 **PUMP GP-PISTON (**contd.**)** **i02437905**



GRAPHIC #1 <END> g01105819

157-0956 PUMP GP-VANE—IMPLEMENT

S/N: BTW1-UP

PART OF 229-7350 PUMP & MTG GP-IMPLEMENT

SMCS-5055 **i05422771**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
YR	**1U-3953**	1	CARTRIDGE GP-VANE PUMP (FRONT)	995
YR	**3G-7663**	1	CARTRIDGE GP-VANE PUMP (REAR)	996
	2L-5271	1	BALL BEARING	
	1U-3937	1	BODY	
	2B-0947	4	BOLT (1/2-13X2.25-IN)	
	7X-0362	4	BOLT (5/8-11X7-IN) (5/8-11X7.0IN)	
	4K-0415	1	COVER-OUTLET	
	1U-0380	1	KIT-FLEXPLATE (FRONT)	
	3G-7242	1	PLUG	
	2J-8172	1	RING-RETAINING (INTERNAL)	
	4M-5285	1	RING-RETAINING (EXTERNAL)	
	3G-9194	1	SEAL-LIP TYPE	
	9J-7814	1	SEAL-LIP TYPE	
	1U-3883	1	SHAFT	
	2J-8168	1	WASHER (1.843X2.766X0.034-IN THK) (.033IN`THK)	

R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

<END>

171-5997 ROTATING GP-MOTOR–HYDRAULIC FAN

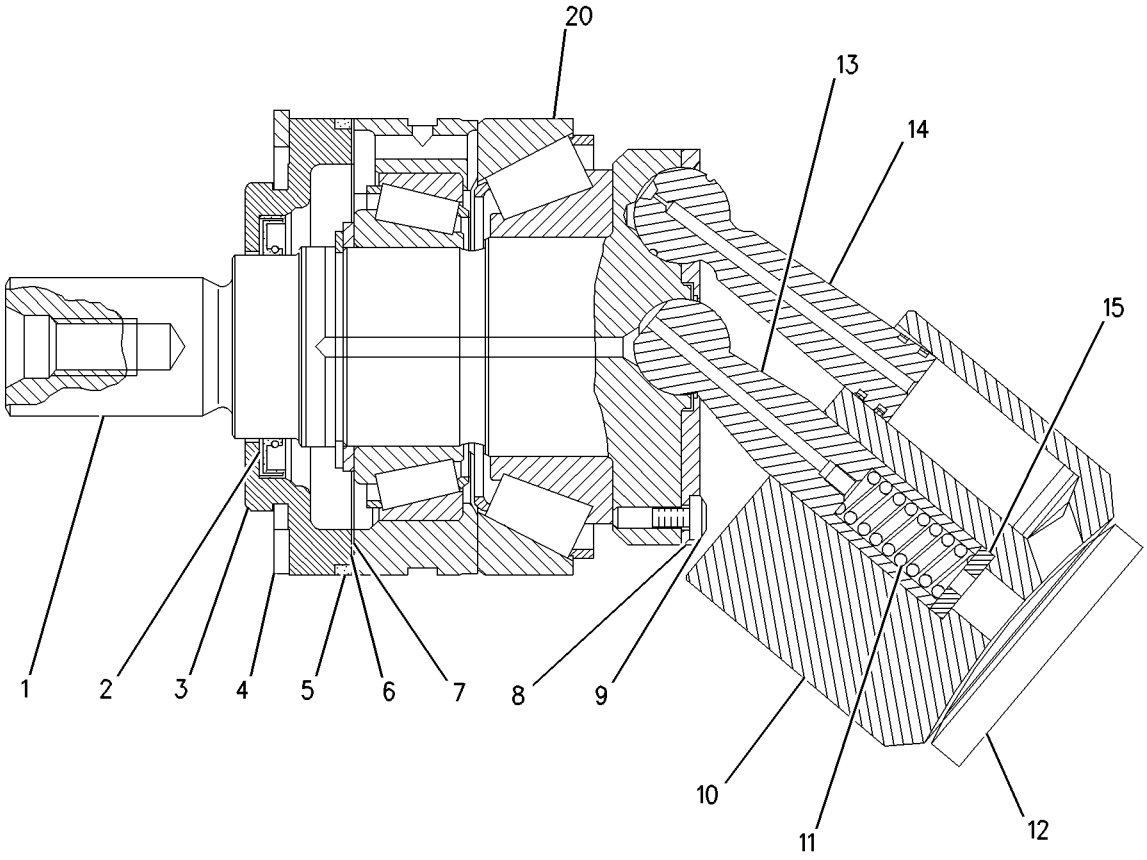
S/N: BTW1-UP
PART OF 229-0100 MOTOR GP-PISTON
TYPE 1

SMCS-1386, 5058 **i06844881**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**171-3066**	1	SHAFT-MOTOR	
	2	1	**123-5748**	1	SEAL-SHAFT	
	3	1	**9T-1637**	1	COVER-FRONT	
	4	1	**3E-4334**	1	RING-RETAINING	
	5	1	**5D-5958**	1	SEAL-O-RING	
B	6	1	**9T-1576**	1	SHIM (0.1-MM THK)	
B	7	1	**9T-1579**	1	SHIM (0.3-MM THK)	
	8	1	**9T-1642**	1	PLATE-RETAINING	
M	9	1	**113-4420**	7	SCREW (M6X20-MM)	
	10	1	**6E-4096**	1	BARREL	
	11	1	**171-3061**	1	SPRING	
	12	1	**171-3067**	1	PLATE-PORT	
	13	1	**171-3054**	1	PIN-CENTER	
	14	1	**165-6970**	1	PISTON AS	
		1	**6E-4626**	2	RING	
J	15	1	**171-3055**	1	SHIM (4-MM THK)	
		1	**171-3057**	1	SHIM (3.9-MM THK)	
		1	**171-3058**	1	SHIM (3.8-MM THK)	
		1	**171-3059**	1	SHIM (3.7-MM THK)	
		1	**171-3060**	1	SHIM (3.6-MM THK)	
	20	1	**171-5989**	1	KIT-BEARING	

B - USE AS REQUIRED
J - USE ONE SHIM AS REQUIRED TO OBTAIN PROPER SPACING
M - METRIC PART

171-5997 **ROTATING GP-MOTOR (**contd.**)** **i06844881**



GRAPHIC #1 <END> g00702090

171-5997 ROTATING GP-MOTOR–HYDRAULIC FAN

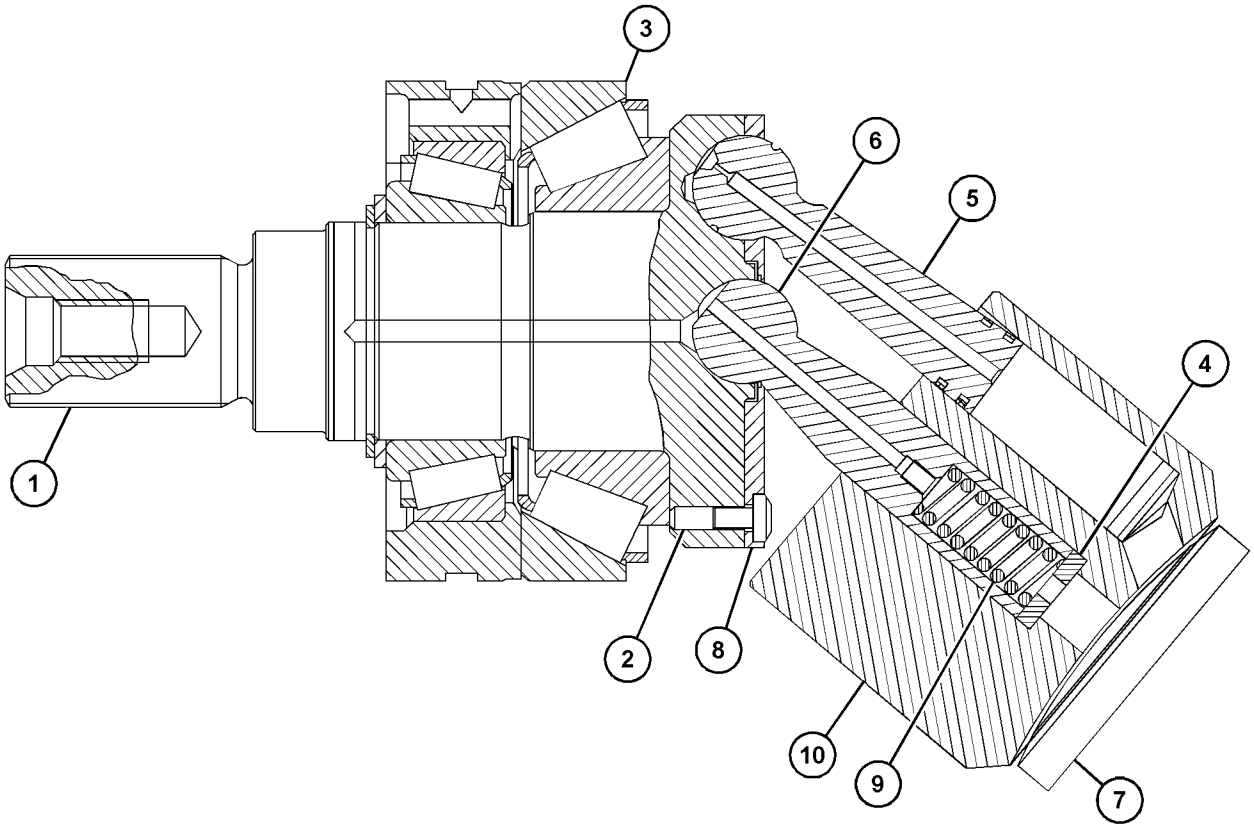
S/N: BTW1-UP
PART OF 229-0100 MOTOR GP-PISTON
TYPE 2

SMCS-1386, 5058 **i06831702**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**171-3066**	1	SHAFT-MOTOR	
CM	2	1	**216-0029**	7	SCREW (M6X20-MM)	
	3	1	**171-5989**	1	KIT-BEARING	
J	4	1	**171-3055**	1	SHIM (4-MM THK)	
		1	**171-3057**	1	SHIM (3.9-MM THK)	
		1	**171-3058**	1	SHIM (3.8-MM THK)	
		1	**171-3059**	1	SHIM (3.7-MM THK)	
		1	**171-3060**	1	SHIM (3.6-MM THK)	
C	5	1	**165-6970**	7	PISTON AS	
					(EACH INCLUDES)	
		1	**6E-4626**	2	RING	
	6	1	**171-3054**	1	PIN-CENTER	
	7	1	**171-3067**	1	PLATE-PORT	
	8	1	**9T-1642**	1	PLATE-RETAINING	
	9	1	**171-3061**	1	SPRING	
	10	1	**6E-4096**	1	BARREL	

C - CHANGE FROM PREVIOUS TYPE
J - USE ONE SHIM AS REQUIRED TO OBTAIN PROPER SPACING
M - METRIC PART

171-5997 **ROTATING GP-MOTOR (**contd.**)** **i06831702**



GRAPHIC #1 <END> g06177635

197-2849 ROTATING GP-PUMP—HYDRAULIC FAN

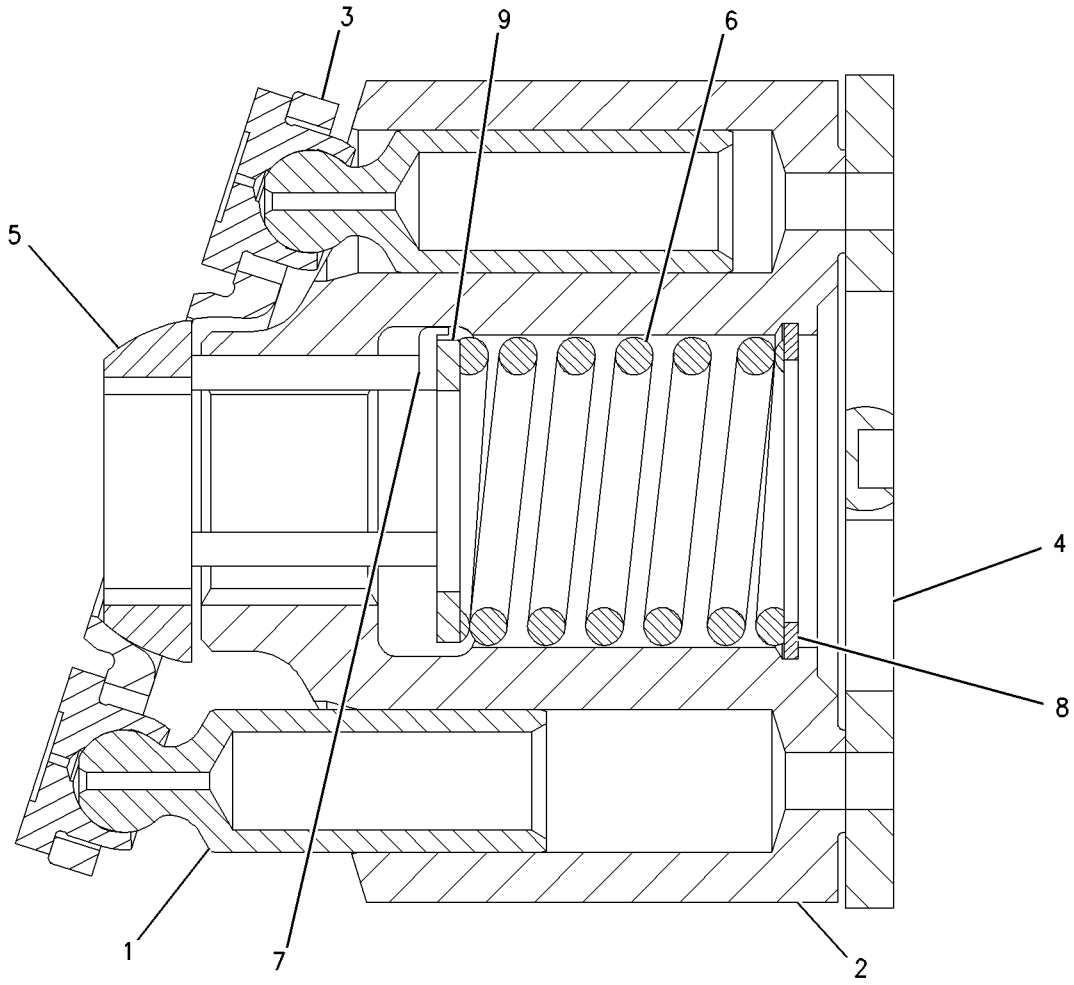
S/N: BTW1-UP

PART OF 229-0099, 235-0843 PUMP GP-PISTON

SMCS-1387, 5070, 5084

i06050157

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**168-3384**	9	PISTON AS-PUMP	
	2	1	**197-2851**	1	BARREL	
	3	1	**168-3385**	1	PLATE-RETRACTION	
	4	1	**313-2060**	1	PLATE-PORT	
	5	1	**168-3378**	1	BEARING-SPHERICAL	
	6	1	**168-3381**	1	SPRING	
	7	1	**168-3379**	3	PIN	
	8	1	**6V-7723**	1	RING-RETAINING	
	9	1	**168-3382**	1	WASHER (30X42X2.7-MM THK)	



GRAPHIC #1 <END> g00719942

237-4228 TANK & FILTER GP-HYDRAULIC—IMPLEMENT, BRAKE

S/N: BTW1-171

PART OF 234-2799 TANK & MTG GP-HYDRAULIC

SMCS-5056, 5068 **i03919070**

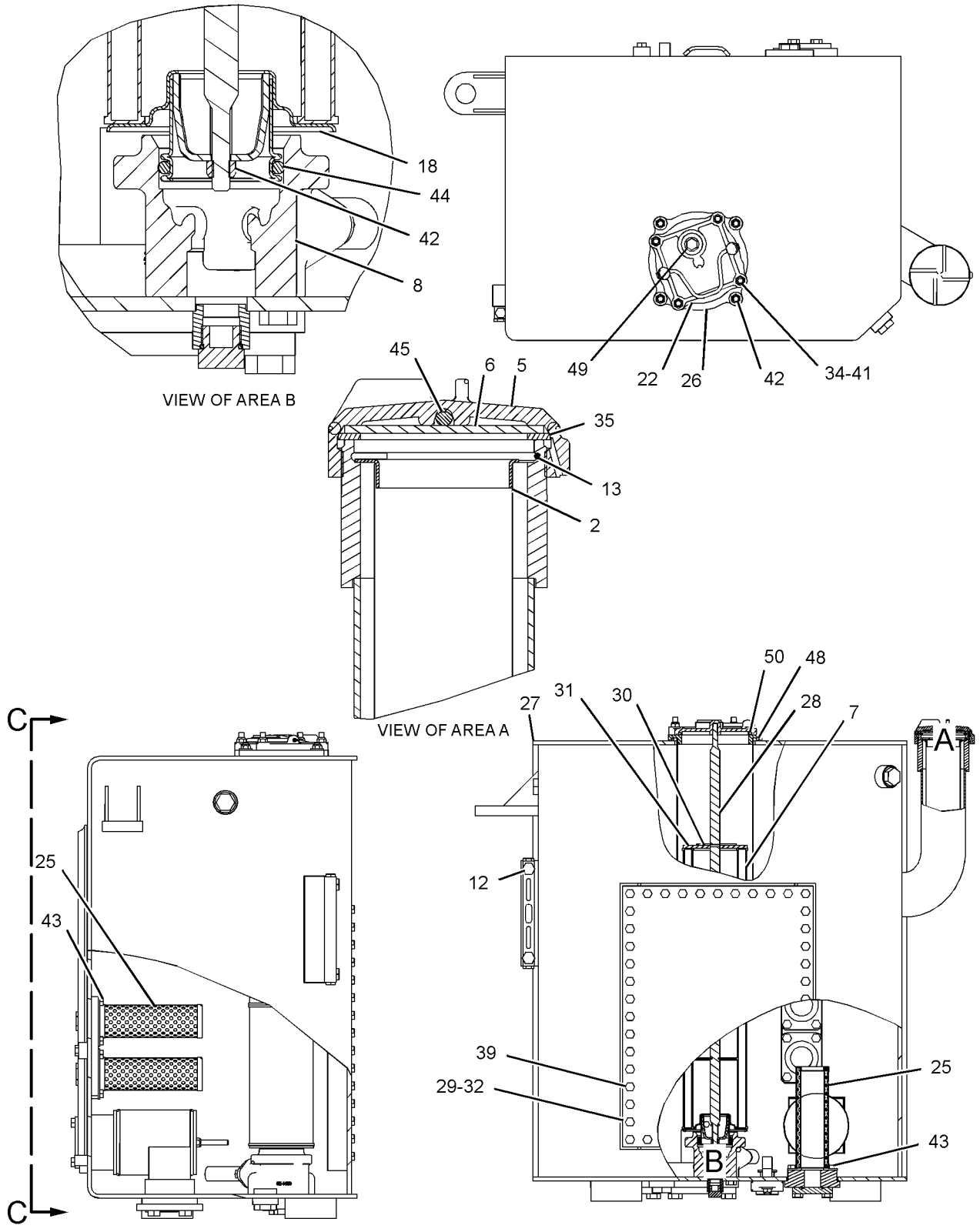
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**1U-2827**	1	GUIDE-VALVE	
	2	1	**3D-6678**	1	STRAINER (METAL) (HYDRAULIC TANK FILL)	
	3	2	**3G-3498**	1	FLANGE	
	4	2	**3S-4388**	1	WASHER-RETAINING (10.31X63.5X8.64-MM THK)	
	5	1	**4J-3754**	1	CAP-FILLER (HYDRAULIC OIL)	
	6	1	**4J-3816**	1	PLATE	
	7	1	**4T-3134**	2	FILTER ELEMENT AS-OIL (FIRE RESISTANT FLUID) (HYDRAULIC)	
	8	1	**6E-4450**	1	BASE-FILTER	
	9	2	**6E-4451**	2	VALVE	
	10	2	**6E-4452**	1	BAFFLE AS	
	11	2	**6E-4694**	1	ROD	
	12	1	**6E-6550**	1	GAUGE AS-LIQUID LEVEL (HYDRAULIC TANK)	
		1	**8F-3469**	4	SEAL-O-RING	
		1	**121-7958**	2	BOLT-MOUNTING (1/2-20X1.75-IN)	
	13	1	**7B-2805**	1	RING-LOCK	
	14	2	**7B-3039**	1	SPRING	
	15	2	**8J-8782**	1	BODY-DRAIN VALVE	
	16	2	**8J-8783**	1	VALVE-DRAIN	
	17	2	**2M-6911**	1	SPRING-STEERING CLUTCH	
	18	1	**9J-1979**	1	RETAINER AS	
	19	2	**9J-1985**	1	TUBE AS	
	20	2	**9J-1988**	1	VALVE	
	21	2	**9J-7031**	1	PLUG-DRAIN	
	22	1	**6E-2060**	1	COVER AS	
	23	2	**9T-9226**	1	PLATE	
	24	2	**9T-9227**	1	SCREEN AS (RETURN SCREEN)	
	25	1	**118-8693**	3	SCREEN (HYDRAULIC)	
	26	1	**231-9489**	1	TUBE AS	
	27	1	**237-4229**	1	TANK AS-HYDRAULIC	
	28	1	**238-8315**	1	ROD	
	29	1	**257-1984**	1	GASKET	
	30	1	**2L-1699**	1	PIN-SPRING	
	31	1	**267-7369**	1	SPACER (23X128X6-MM THK)	
	32	1	**251-4575**	1	COVER	
	33	2	**1L-4349**	1	SPRING	
M	34	1	**8T-4133**	4	NUT (M10X1.5-THD)	
	35	1	**4J-3815**	1	GASKET	
	36	2	**5M-2057**	1	SEAL-O-RING	
M	37	2	**6A-5591**	4	BOLT (M12X1.75X25-MM)	
	38	2	**6F-6672**	4	SEAL-O-RING	
M	39	1	**8T-4136**	34	BOLT (M10X1.5X25-MM)	
M	40	2	**6V-5683**	3	BOLT (M6X1X16-MM)	
	41	1,2	**8T-4121**	6	WASHER-HARD (11X21X2.5-MM THK)	
M	42	1,2	**6V-7744**	9	LOCKNUT (M10X1.5-THD)	
M	43	1	**6V-8455**	12	BOLT (M10X1.5X16-MM)	
	44	1	**7D-1195**	1	SEAL-O-RING	
	45	1	**8T-2275**	1	BALL	

237-4228 **TANK & FILTER GP-HYDRAULIC (**contd.**)** **i03919070**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	46	2	**8T-3298**	1	SEAL-RECTANGULAR	
M	47	2	**8T-4201**	2	BOLT-LOCKING (M10X1.5X20-MM)	
	48	1	**2H-6124**	1	SEAL-O-RING	
	49	1	*155-3624*	1	PLUG AS	
		1	**3J-7354**	1	SEAL-O-RING	
		1	**9S-4182**	1	PLUG (7/16-20-THD)	
	50	1	**5H-6733**	1	SEAL-O-RING	

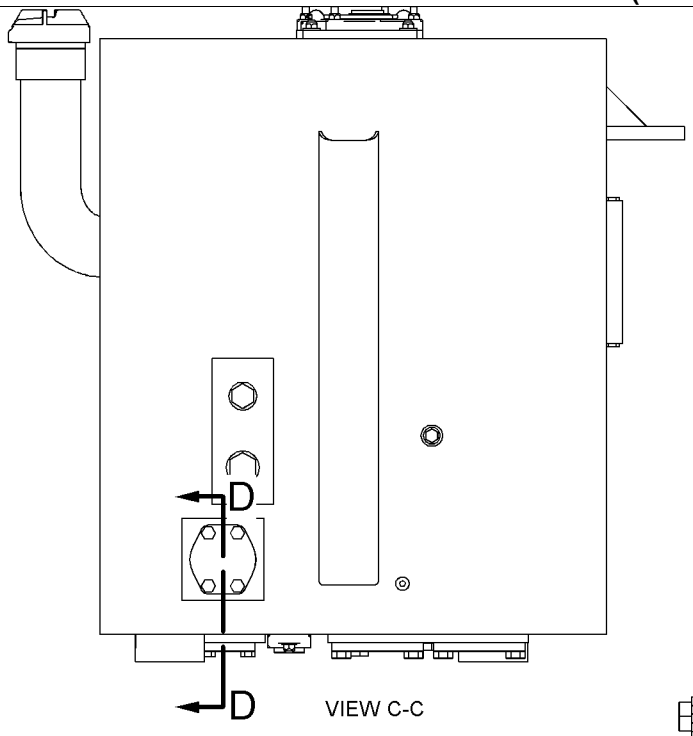
M - METRIC PART

237-4228 **TANK & FILTER GP-HYDRAULIC** (contd.) **i03919070**

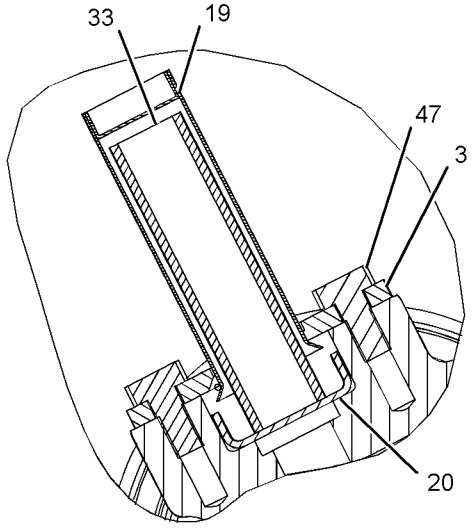


GRAPHIC #1 g01212997

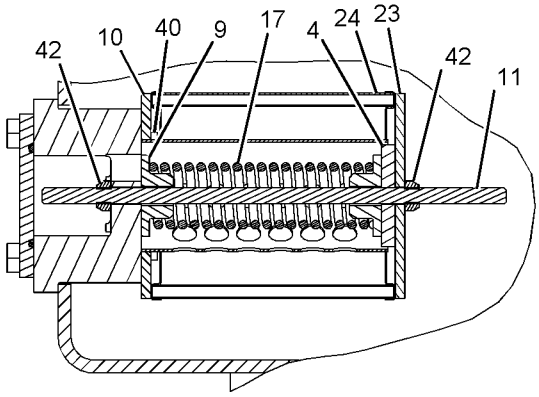
237-4228 **TANK & FILTER GP-HYDRAULIC (**contd.**)** **i03919070**



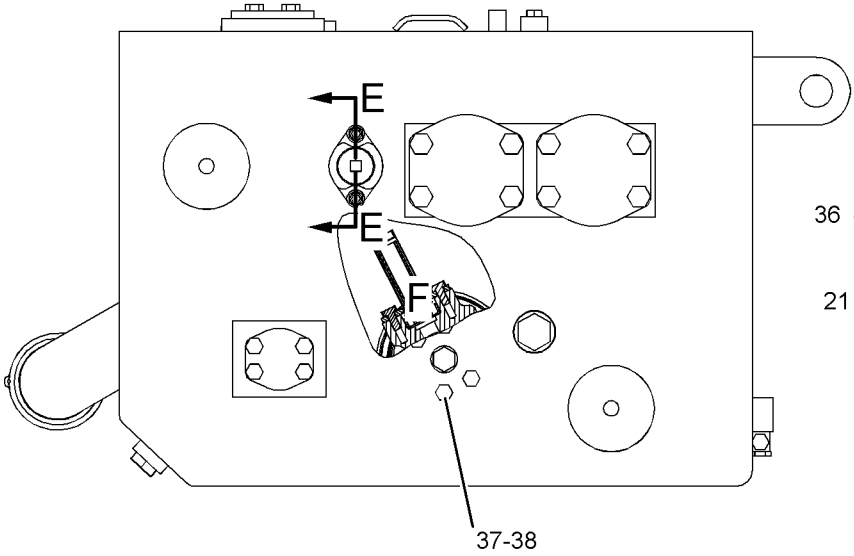
VIEW C-C

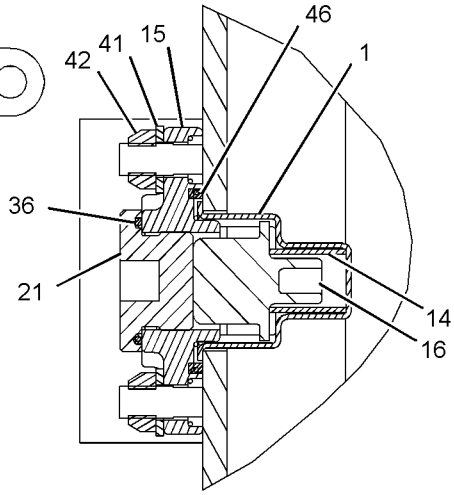


VIEW OF AREA F



SECTION D-D





SECTION E-E

GRAPHIC #2 <END> g01047529

237-4228 TANK & FILTER GP-HYDRAULIC—IMPLEMENT, BRAKE

S/N: BTW172-UP

PART OF 234-2799 TANK & MTG GP-HYDRAULIC

SMCS-5056, 5068 **i05354040**

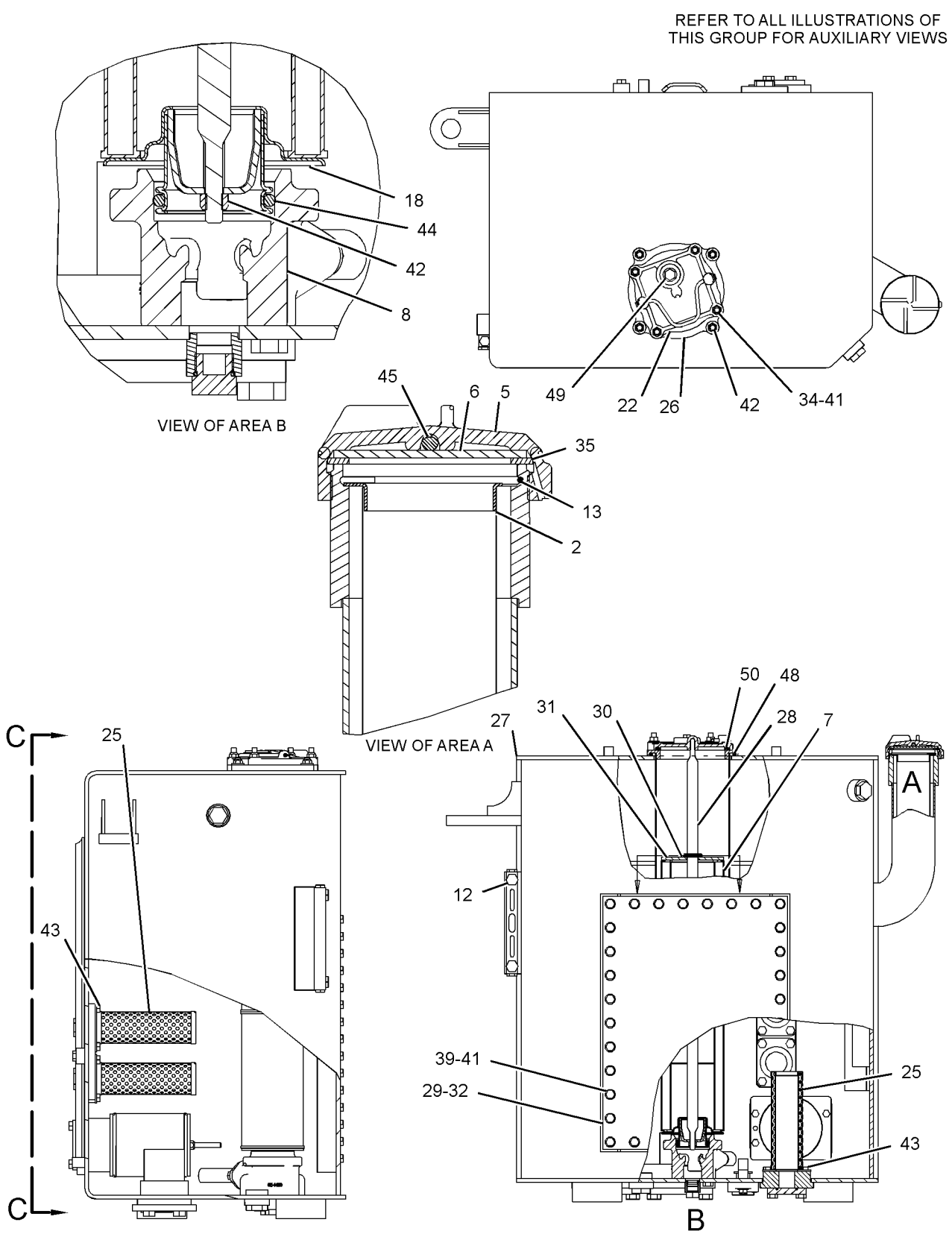
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**1U-2827**	1	GUIDE-VALVE	
	2	1	**3D-6678**	1	STRAINER (METAL) (HYDRAULIC TANK FILL)	
	3	2	**3G-3498**	1	FLANGE	
	4	2	**3S-4388**	1	WASHER-RETAINING (10.31X63.5X8.64-MM THK)	
	5	1	**4J-3754**	1	CAP-FILLER (HYDRAULIC OIL)	
	6	1	**4J-3816**	1	PLATE	
	7	1	**4T-3134**	2	FILTER ELEMENT AS-OIL (FIRE RESISTANT FLUID) (HYDRAULIC)	
	8	1	**6E-4450**	1	BASE-FILTER	
	9	2	**6E-4451**	2	VALVE	
C	10	2	**299-3904**	1	BAFFLE	
	11	2	**6E-4694**	1	ROD	
	12	1	**6E-6550**	1	GAUGE AS-LIQUID LEVEL (HYDRAULIC TANK)	
		1	**8F-3469**	4	SEAL-O-RING	
		1	**121-7958**	2	BOLT-MOUNTING (1/2-20X1.75-IN)	
	13	1	**7B-2805**	1	RING-LOCK	
	14	2	**7B-3039**	1	SPRING	
	15	2	**8J-8782**	1	BODY-DRAIN VALVE	
	16	2	**8J-8783**	1	VALVE-DRAIN	
	17	2	**2M-6911**	1	SPRING-STEERING CLUTCH	
	18	1	**9J-1979**	1	RETAINER AS	
	19	2	**9J-1985**	1	TUBE AS	
	20	2	**9J-1988**	1	VALVE	
	21	2	**9J-7031**	1	PLUG-DRAIN	
	22	1	**6E-2060**	1	COVER AS	
	23	2	**9T-9226**	1	PLATE	
	24	2	**9T-9227**	1	SCREEN AS (RETURN SCREEN)	
	25	1	**118-8693**	3	SCREEN (HYDRAULIC)	
	26	1	**231-9489**	1	TUBE AS	
C	27	1	**313-2700**	1	TANK AS-HYDRAULIC	
	28	1	**238-8315**	1	ROD	
	29	1	**257-1984**	1	GASKET	
	30	1	**2L-1699**	1	PIN-SPRING	
	31	1	**267-7369**	1	SPACER (23X128X6-MM THK)	
	32	1	**251-4575**	1	COVER	
	33	2	**1L-4349**	1	SPRING	
M	34	1	**8T-4133**	4	NUT (M10X1.5-THD)	
	35	1	**4J-3815**	1	GASKET	
	36	2	**5M-2057**	1	SEAL-O-RING	
M	37	2	**6A-5591**	4	BOLT (M12X1.75X25-MM)	
	38	2	**6F-6672**	4	SEAL-O-RING	
M	39	1	**8T-4136**	34	BOLT (M10X1.5X25-MM)	
M	40	2	**282-2628**	3	BOLT (M8X1.25X30-MM)	
	41	1,2	**8T-4121**	40	WASHER-HARD (11X21X2.5-MM THK)	
M	42	1,2	**6V-7744**	7	LOCKNUT (M10X1.5-THD)	
M	43	1	**6V-8455**	12	BOLT (M10X1.5X16-MM)	
	44	1	**7D-1195**	1	SEAL-O-RING	
	45	1	**8T-2275**	1	BALL	

237-4228 **TANK & FILTER GP-HYDRAULIC (**contd.**)** **i05354040**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	46	2	**8T-3298**	1	SEAL-RECTANGULAR	
M	47	2	**8T-4201**	2	BOLT-LOCKING (M10X1.5X20-MM)	
	48	1	**2H-6124**	1	SEAL-O-RING	
	49	1	*155-3624*	1	PLUG AS	
		1	**3J-7354**	1	SEAL-O-RING	
		1	**9S-4182**	1	PLUG (7/16-20-THD)	
	50	1	**5H-6733**	1	SEAL-O-RING	
M	51	2	**8T-0389**	2	LOCKNUT (M10X1.5-THD)	

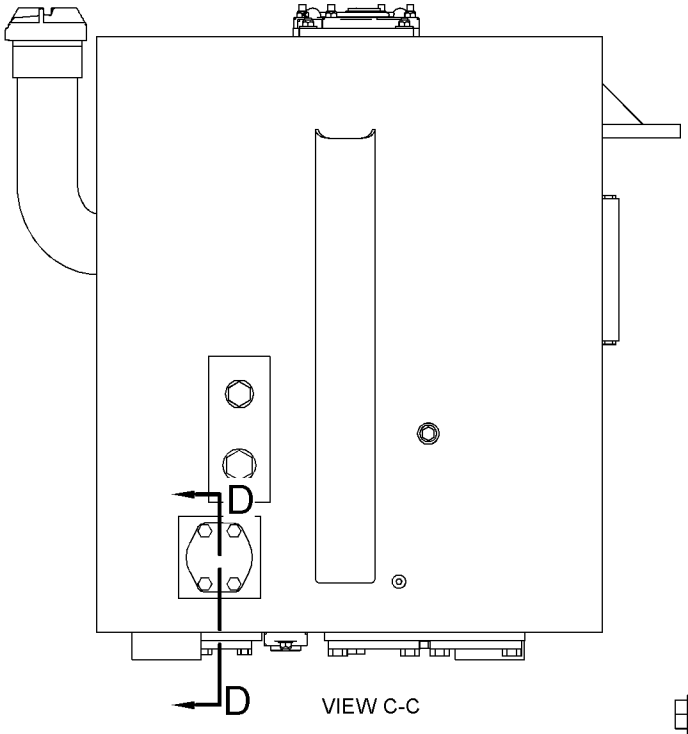
C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART

237-4228 **TANK & FILTER GP-HYDRAULIC** (contd.) **i05354040**

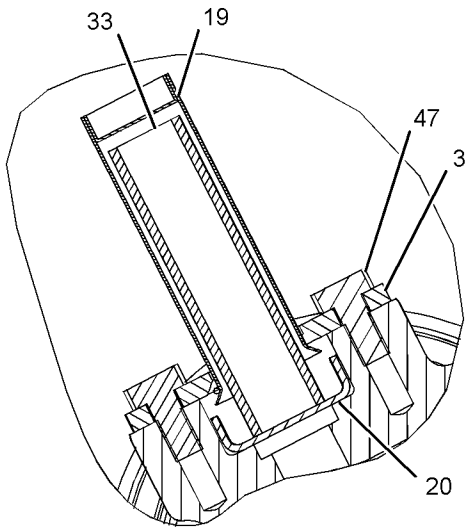


GRAPHIC #1 g03395837

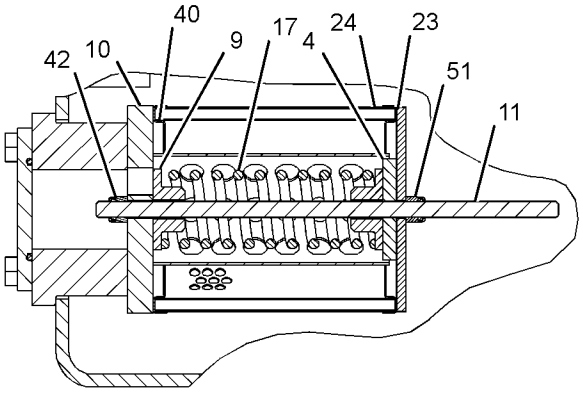
237-4228 **TANK & FILTER GP-HYDRAULIC (**contd.**)** **i05354040**



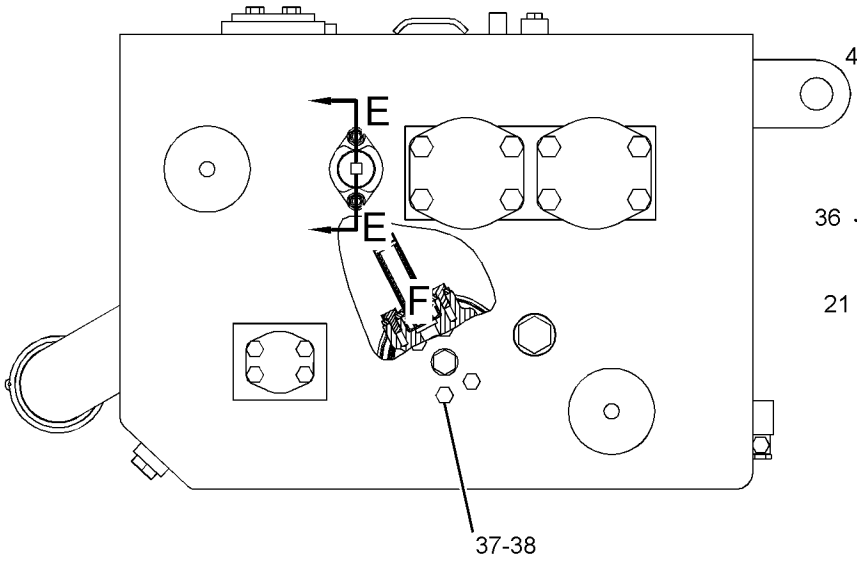
VIEW C-C

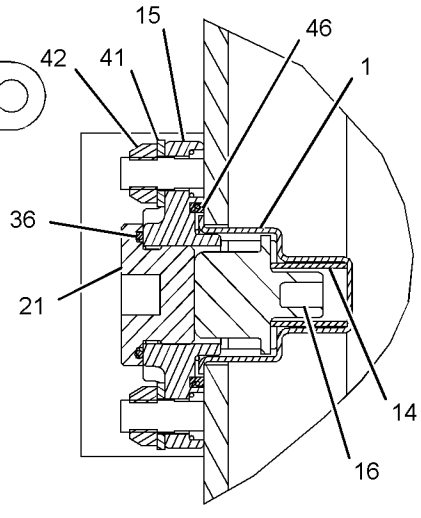


VIEW OF AREA F



SECTION D-D





SECTION E-E

GRAPHIC #2 <END> g03395836

6E-4683 TANK & FILTER GP-HYDRAULIC—STEERING, HYDRAULIC FAN

S/N: BTW1-UP

PART OF 269-7254 TANK & MTG GP-HYDRAULIC

SMCS-5056, 5068 **i02437910**

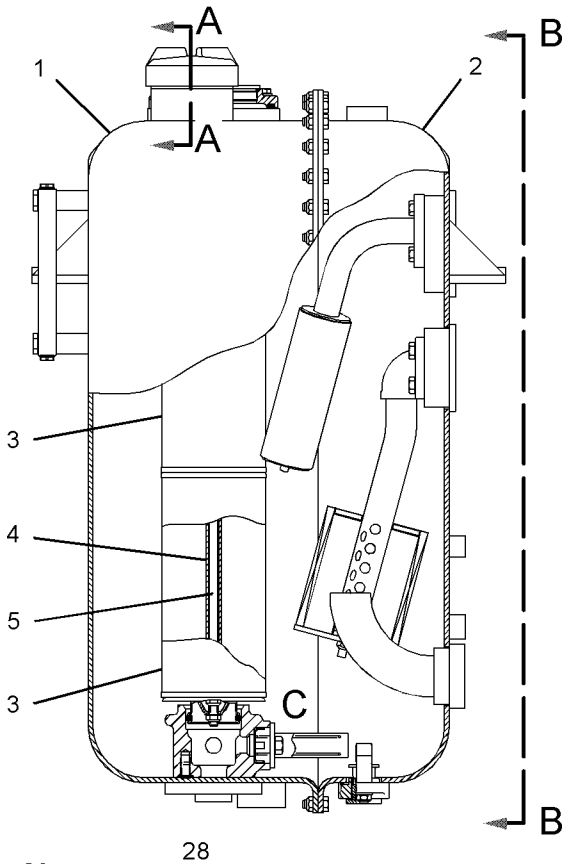
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6E-4684**	1	TANK AS	
	2	1	**110-4808**	1	TANK AS	
	3	1	**4T-3134**	2	FILTER ELEMENT AS-OIL (FIRE RESISTANT FLUID)	
	4	1	**6E-4449**	1	SPACER	
	5	1	**6E-4447**	1	ROD	
	6	1	**9J-1979**	1	RETAINER AS	
	7	1	**7D-1195**	1	SEAL-O-RING	
	8	1	**6E-4450**	1	BASE-FILTER	
	9	1	**6F-6672**	4	SEAL-O-RING	
	10	1	**9J-1988**	1	VALVE	
	11	1	**3G-3498**	1	FLANGE	
M	12	1	**8T-4201**	2	BOLT-LOCKING (M10X1.5X20-MM)	
	13	1	**1L-4349**	1	SPRING	
M	14	1,2	**6V-7744**	76	LOCKNUT (M10X1.5-THD)	
	15	1	**9J-1985**	1	TUBE AS	
	16	1	**1U-2827**	1	GUIDE-VALVE	
	17	1	**7B-3039**	1	SPRING	
	18	1	**9J-7031**	1	PLUG-DRAIN	
	19	1	**5M-2057**	1	SEAL-O-RING	
	20	1	**8T-3298**	1	SEAL-RECTANGULAR	
	21	1,2	**6V-5839**	8	WASHER (11X21X2.5-MM THK)	
	22	1	**8J-8782**	1	BODY-DRAIN VALVE	
	23	1	**8J-8783**	1	VALVE-DRAIN (DRAIN)	
	24	1	**238-1825**	1	GASKET	
	25	1	**3D-6678**	1	STRAINER (METAL)	
	26	1	**7B-2805**	1	RING-LOCK	
	27	1	**4J-3815**	1	GASKET	
	28	1	**8T-2275**	1	BALL	
	29	1	**4J-3816**	1	PLATE	
	30	1	**4J-3754**	1	CAP-FILLER (HYDRAULIC TANK)	
	31	1	**4M-6921**	1	WASHER-SPRING	
	34	2	**5H-6733**	1	SEAL-O-RING	
	35	2	**2S-4078**	1	SEAL-O-RING	
	36	2	**9S-8010**	1	PLUG	
M	37	2	**2Y-5829**	1	NUT (M10X1.5-THD)	
M	38	2	**6V-1820**	4	BOLT (M10X1.5X30-MM)	
	39	2	**6E-4448**	1	SPACER	
	40	2	**9T-9226**	2	PLATE	
	41	2	**4T-8698**	1	WASHER (12.2X62X3.5-MM THK)	
	42	2	**7J-2656**	1	SCREEN AS	
	43	2	**1H-9696**	1	SEAL-O-RING	
M	44	2	**6V-7732**	2	BOLT (M10X1.5X25-MM)	
	45	2	**9T-9227**	1	SCREEN AS	
M	46	2	**6V-8097**	4	BOLT (M12X1.75X30-MM)	
	47	2	**4J-0527**	1	SEAL-O-RING	
M	48	2	**6V-4248**	70	BOLT (M10X1.5X25-MM)	
M	49	2	**6A-5591**	8	BOLT (M12X1.75X25-MM)	

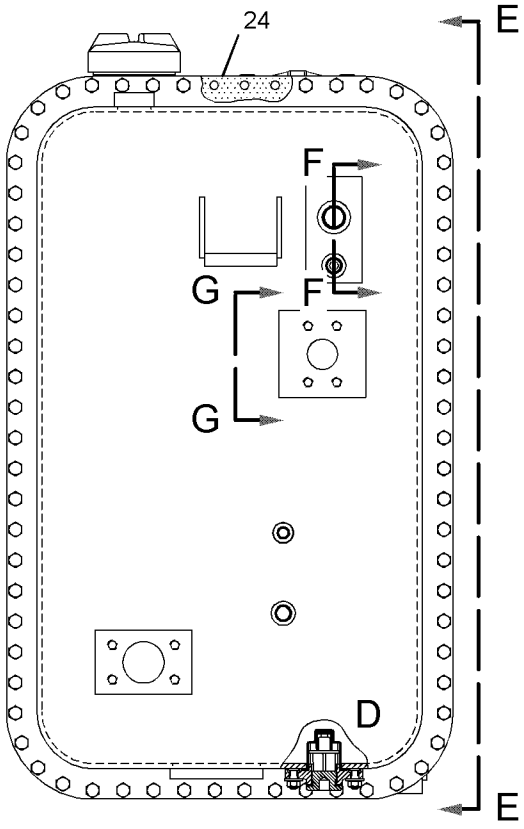
6E-4683 **TANK & FILTER GP-HYDRAULIC (**contd.**)** **i02437910**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	50	2	**6E-4729**	1	BAFFLE AS	
M		2	**6V-3822**	1	BOLT (M10X1.5X35-MM)	
	51	2	**6E-4922**	1	STRAINER AS	
		2	**6E-6549**	1	WASHER (11X27X6-MM THK)	
M		2	**6V-3822**	1	BOLT (M10X1.5X35-MM)	
	52	2	**9T-4872**	1	COVER AS	
	53	2	**6E-6550**	1	GAUGE AS-LIQUID LEVEL	
	54	2	**2H-3927**	1	SEAL-O-RING	
	55	2	**5D-6176**	1	COVER	

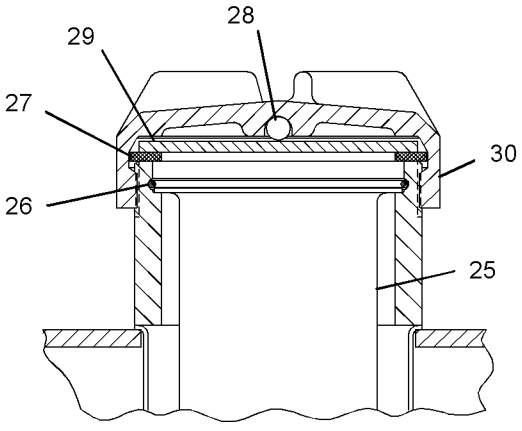
M - METRIC PART

6E-4683 **TANK & FILTER GP-HYDRAULIC** (contd.) **i02437910**

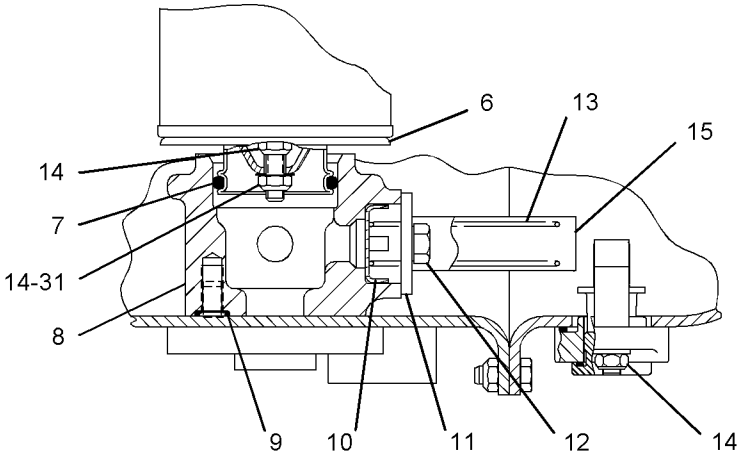




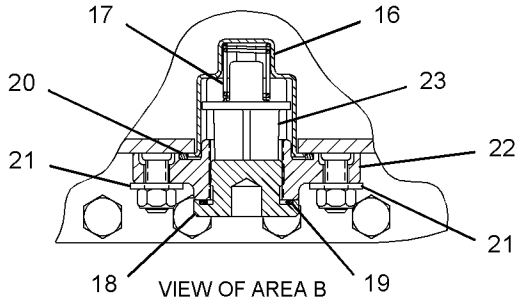
VIEW B-B



SECTION A-A



VIEW OF AREA C



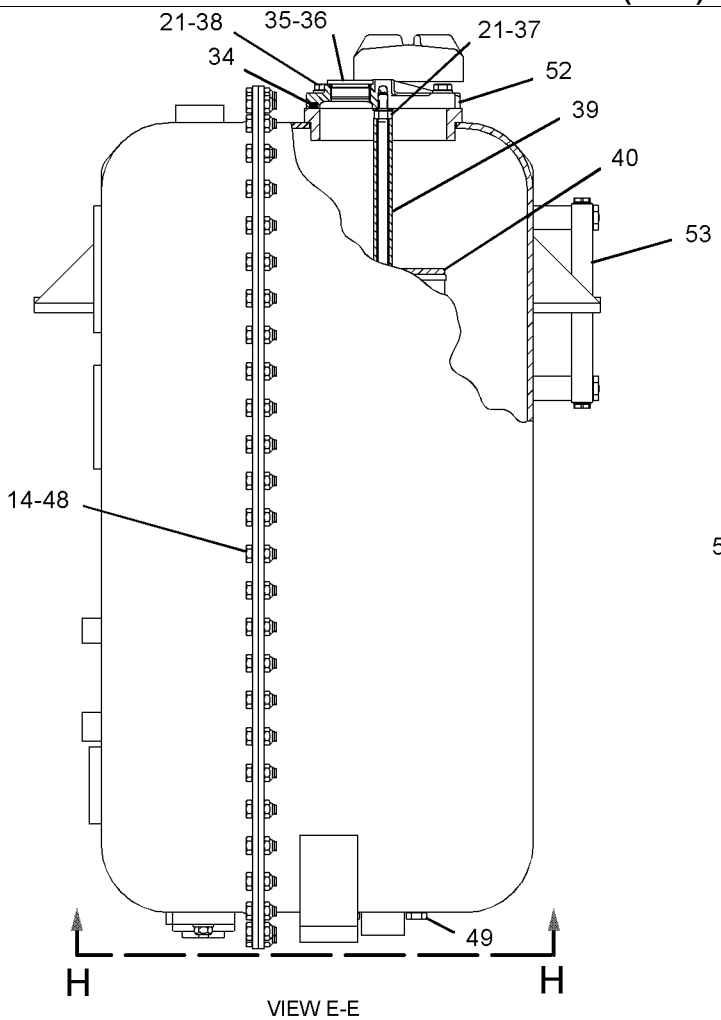
VIEW OF AREA B

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

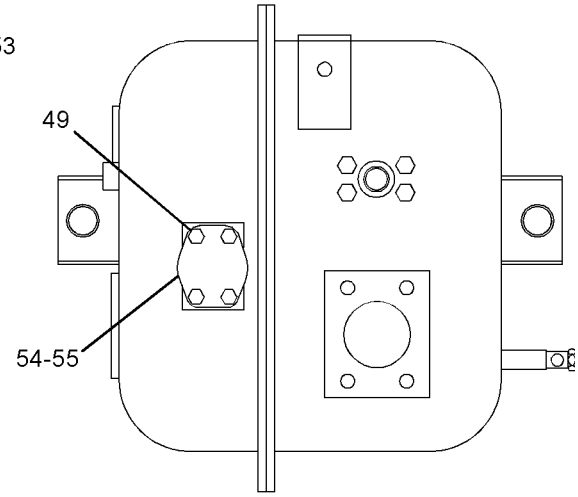
GRAPHIC #1

g01088821

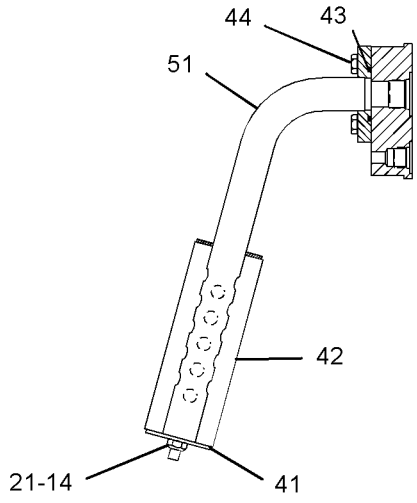
6E-4683 **TANK & FILTER GP-HYDRAULIC (**contd.**)** **i02437910**



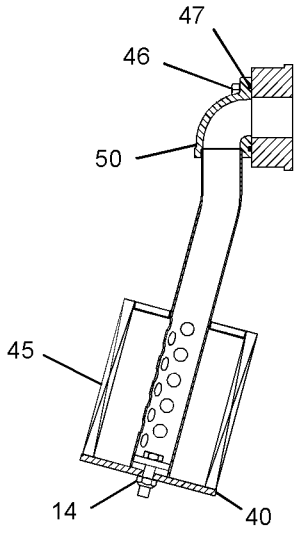
VIEW E-E



VIEW H-H



VIEW F-F



VIEW G-G

GRAPHIC #2 <END> g01088823

234-2799 TANK & MTG GP-HYDRAULIC—IMPLEMENT, BRAKE

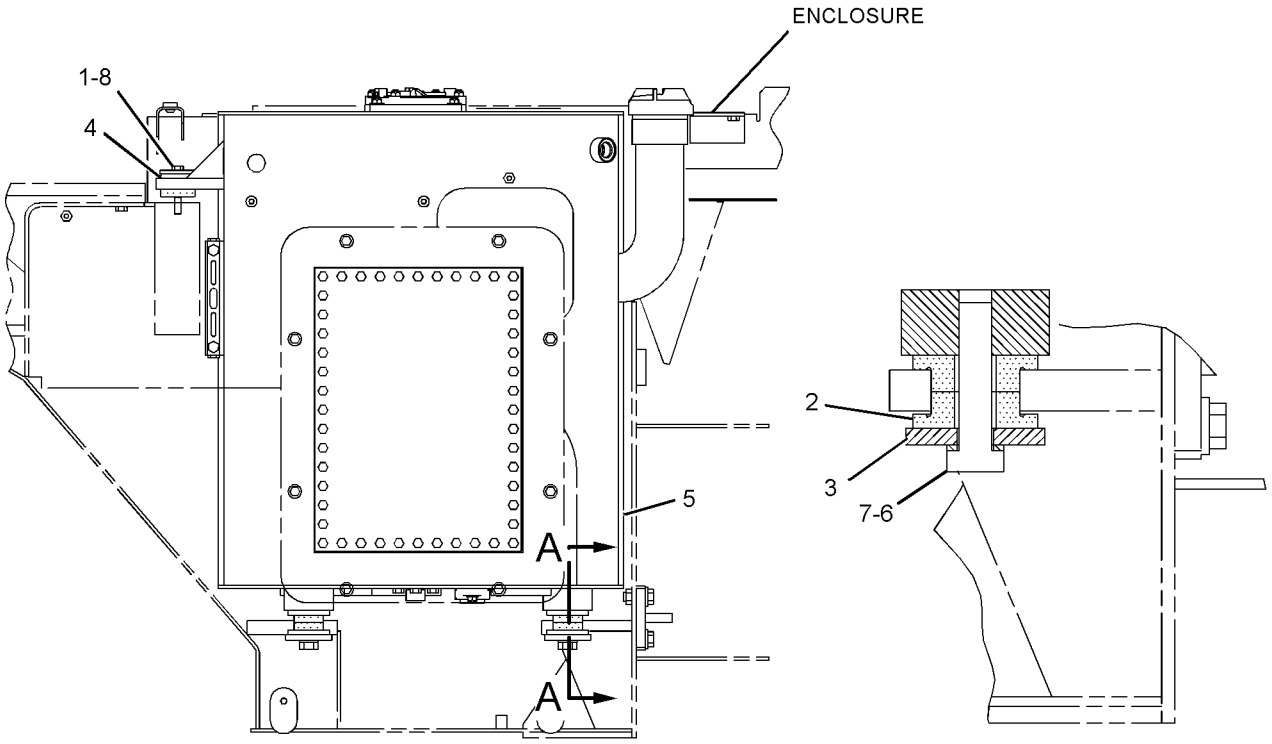
S/N: BTW1-UP

PART OF 230-3277 HYDRAULIC AR

SMCS-5056 **i02424361**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**5R-5927**	2	WASHER (14X65X6-MM THK)	
	2	1	**6T-1698**	4	MOUNT	
	3	1	**7Y-6371**	2	WASHER (22X85X10-MM THK)	
	4	1	**8G-0841**	2	MOUNT AS	
Y	5	1	*237-4228*	1	TANK & FILTER GP-HYDRAULIC (IMPLEMENT, BRAKE)	1078
M	6	1	**7X-2564**	2	BOLT (M20X2.5X90-MM)	
	7	1	**8T-4123**	2	WASHER (3.62X5.75X0.375-MM THK)	
M	8	1	**8T-6868**	2	BOLT (M12X1.75X80-MM)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION



FRONT VIEW

SECTION A-A

GRAPHIC #1

<END>

g01050891

269-7254 TANK & MTG GP-HYDRAULIC—HYDRAULIC FAN, STEERING

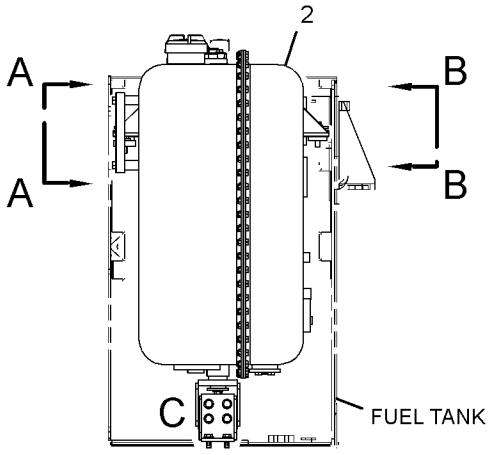
S/N: BTW1-UP

PART OF 230-3277 HYDRAULIC AR

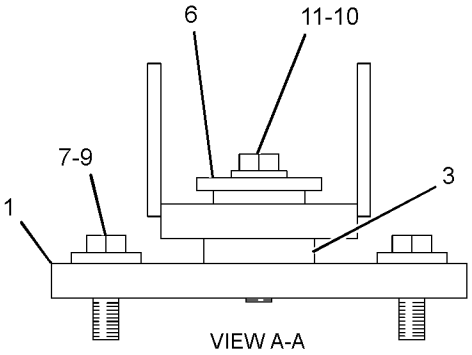
SMCS-5056 **i02390392**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-8569**	1	BAR	
Y	2	1	*6E-4683*	1	TANK & FILTER GP-HYDRAULIC (HYDRAULIC FAN, STEERING)	1086
	3	1	**7T-8331**	3	MOUNT AS	
	4	1	**274-1433**	1	BRACKET AS	
	5	1	**274-1437**	1	BRACKET AS	
	6	1	**7G-8839**	3	SPACER (13.5X57X6-MM THK)	
	7	1	**7X-0550**	2	WASHER-HARD (13.5X32X5-MM THK)	
M	8	1	**8T-4139**	4	BOLT (M12X1.75X30-MM)	
M	9	1	**8T-4183**	6	BOLT (M12X1.75X40-MM)	
	10	1	**8T-4223**	11	WASHER-HARD (13.5X25.5X3-MM THK)	
M	11	1	**8T-4910**	3	BOLT (M12X1.75X60-MM)	

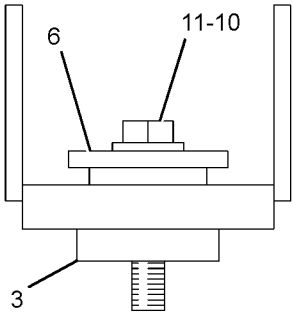
M - METRIC PART
Y - SEPARATE ILLUSTRATION



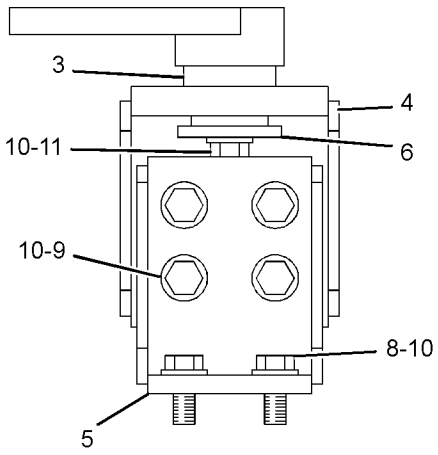
LEFT SIDE VIEW



VIEW A-A



VIEW B-B



VIEW OF AREA C

GRAPHIC #1 <END> g01199098

237-2599 VALVE & MTG GP-HYDRAULIC FAN

S/N: BTW1-UP

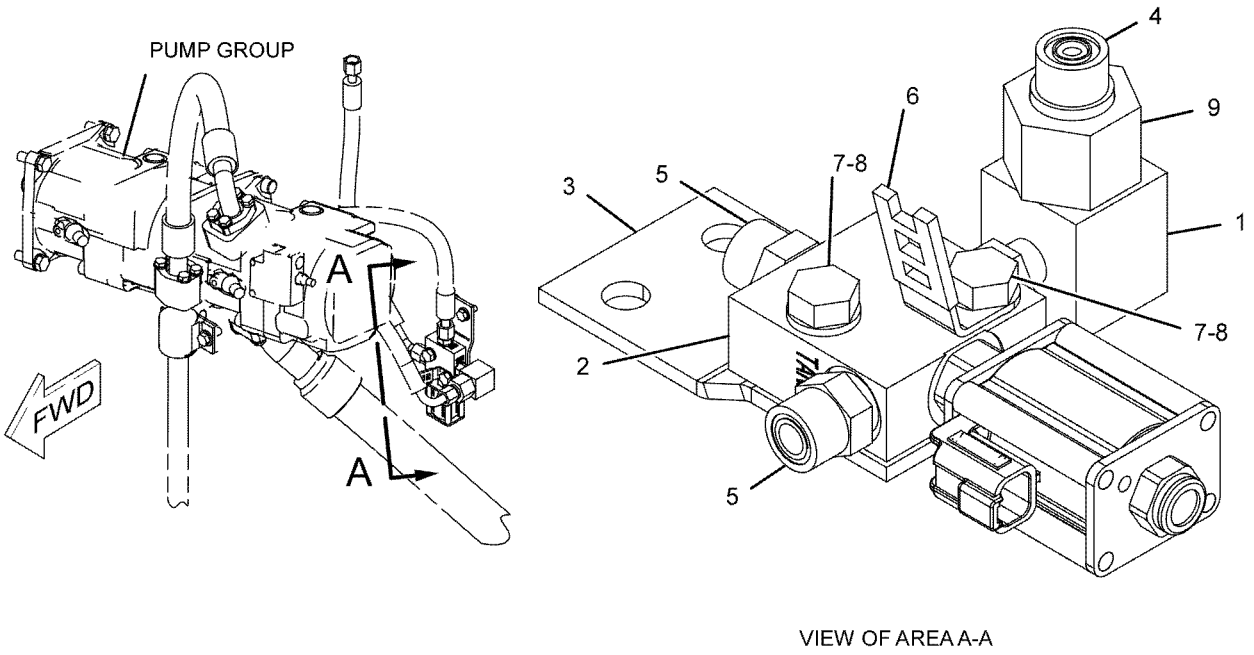
PART OF 229-7346 LINES GP-HYDRAULIC FAN

SMCS-5051, 5137, 5479 **i02426834**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	*164-5640*	1	ELBOW AS	
		1	**3J-1907**	1	SEAL-O-RING	
		1	**6V-9746**	1	SEAL-O-RING	
		1	**127-9015**	1	ELBOW	
Y	2	1	**191-8735**	1	VALVE GP-DEMAND FAN	1106
	3	1	**234-2817**	1	BRACKET AS	
	4	1	*148-8418*	1	REDUCER AS	
		1	**6V-8398**	1	SEAL-O-RING	
		1	**6V-8942**	1	REDUCER-O-RING	
	5	1	*150-4043*	2	CONNECTOR AS	
					(EACH INCLUDES)	
		1	**3J-1907**	1	SEAL-O-RING	
		1	**6V-8398**	1	SEAL-O-RING	
		1	**6V-9873**	1	CONNECTOR	
	6	1	**4P-8134**	1	CLIP (LADDER)	
	7	1	**8T-4121**	2	WASHER-HARD (11X21X2.5-MM THK)	
M	8	1	**8T-4182**	2	BOLT (M10X1.5X45-MM)	
	9	1	**9X-6580**	1	NUT (1-3/16-12-THD)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION

237-2599 **VALVE & MTG GP-HYDRAULIC FAN (**contd.**)** **i02426834**



VIEW OF AREA A-A

GRAPHIC #1 <END> g01048590

240-9553 VALVE & MTG GP-MAIN CONTROL

S/N: BTW1-UP

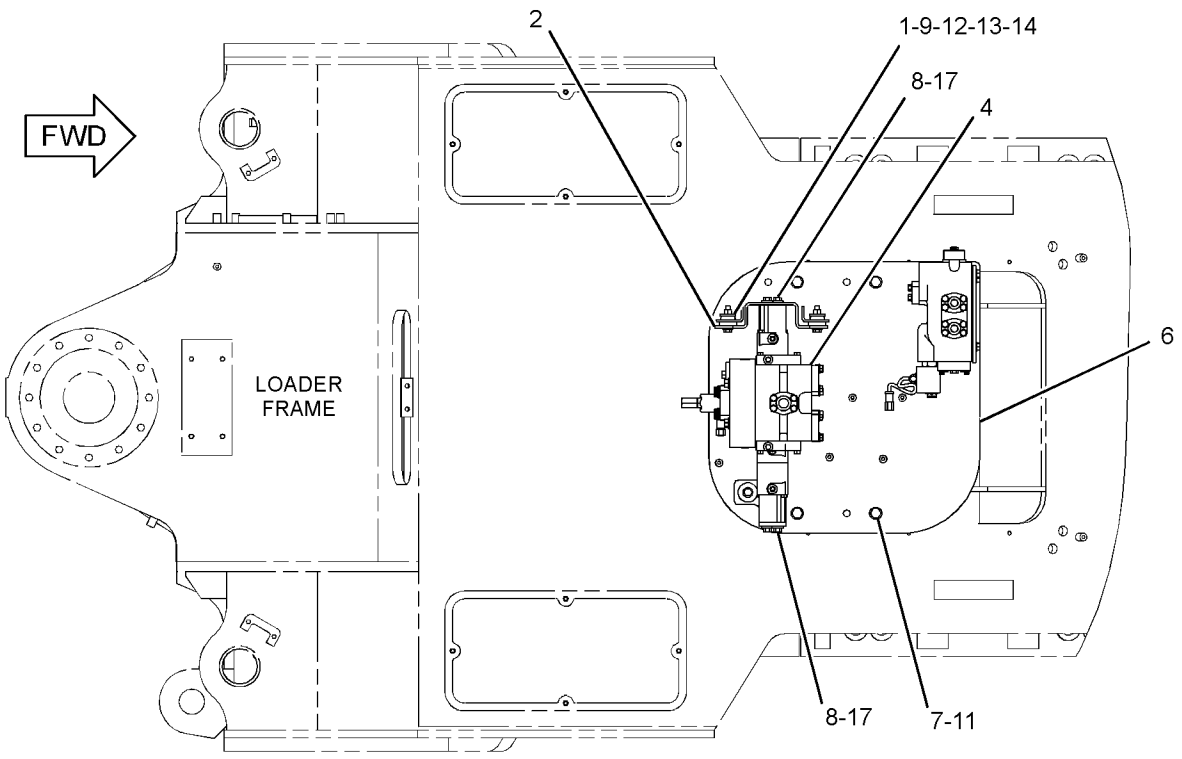
PART OF 230-3277 HYDRAULIC AR

SMCS-5051 **i02427726**

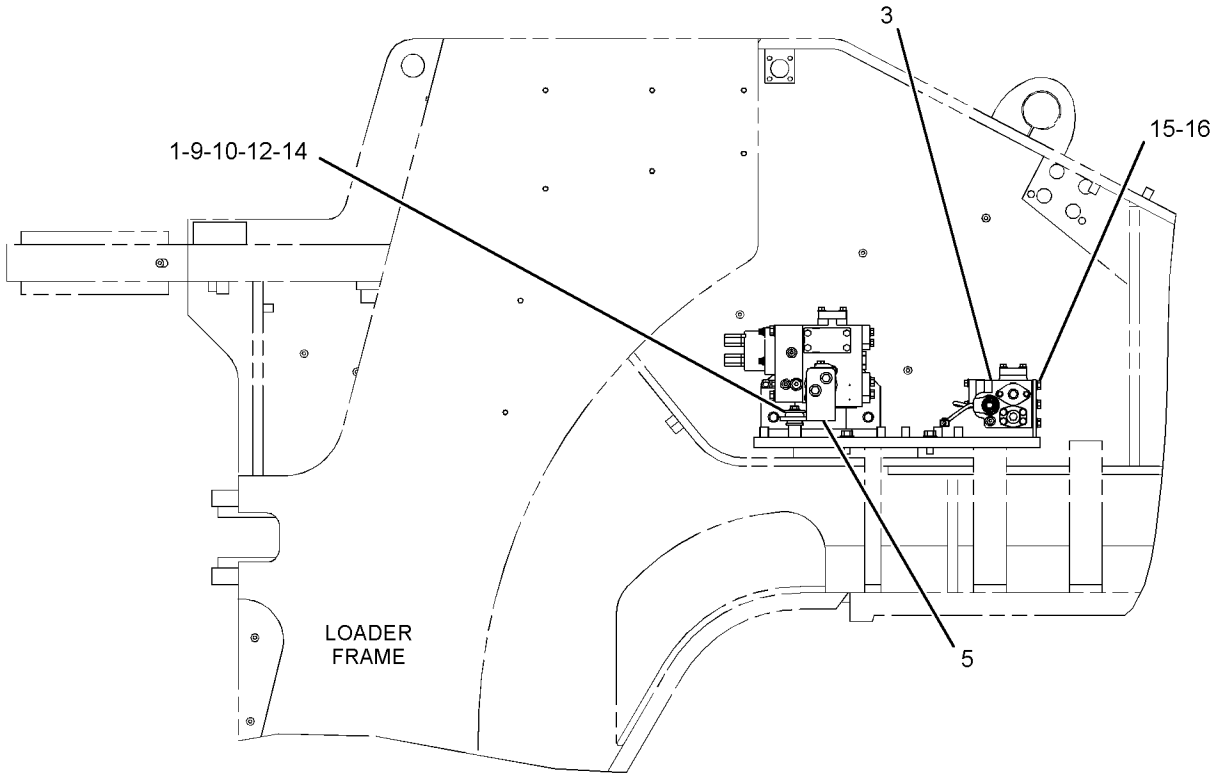
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6S-6251**	3	MOUNT	
	2	1	**174-7839**	1	BRACKET	
Y	3	1	**225-2321**	1	VALVE GP-TILT CONTROL (DUAL)	1117
Y	4	1	**229-8722**	1	VALVE GP-CONTROL	1099
	5	1	**232-2572**	1	PLATE	
	6	1	**240-9479**	1	SUPPORT AS	
	7	1	**7X-0345**	4	BOLT (5/8-11X1.75-IN)	
	8	1	**7X-0589**	4	WASHER-HARD (12X28.5X5-MM THK)	
	9	1	**7X-0618**	3	WASHER-HARD (13.5X40X5-MM THK)	
	10	1	**8F-6437**	1	WASHER (13.5X50.8X4.76-MM THK)	
	11	1	**8T-4122**	4	WASHER-HARD (17X32X3.5-MM THK)	
	12	1	**8T-4223**	3	WASHER-HARD (13.5X25.5X3-MM THK)	
M	13	1	**8T-4244**	2	NUT (M12X1.75-THD)	
M	14	1	**8T-4910**	3	BOLT (M12X1.75X60-MM)	
	15	1	**8T-5360**	3	WASHER (12X22.5X2.5-MM THK)	
	16	1	**8T-9380**	3	BOLT (7/16-14X1-IN)	
	17	1	**8T-9382**	4	BOLT (7/16-14X1.25-IN)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION

240-9553 **VALVE & MTG GP-MAIN CONTROL (**contd.**)** **i02427726**



TOP VIEW



RIGHT SIDE VIEW

GRAPHIC #1 <END> g01213606

152-2698 VALVE & MTG GP-SOLENOID

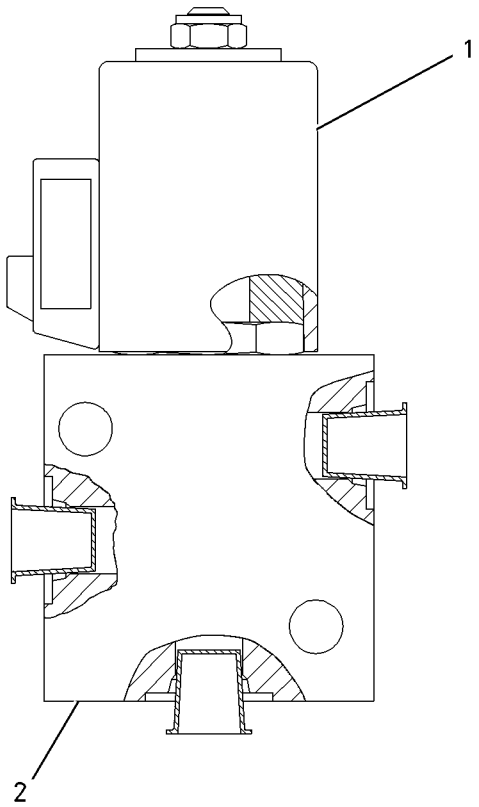
S/N: BTW1-UP

PART OF 238-9084 CONTROL GP-PILOT OPERATED HYD

SMCS-4805, 5479 **i01618663**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**152-8385**	1	VALVE GP-SOLENOID (24-VOLT)	1114
	2	1	**7T-9745**	1	MANIFOLD-VALVE	

Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g00732006

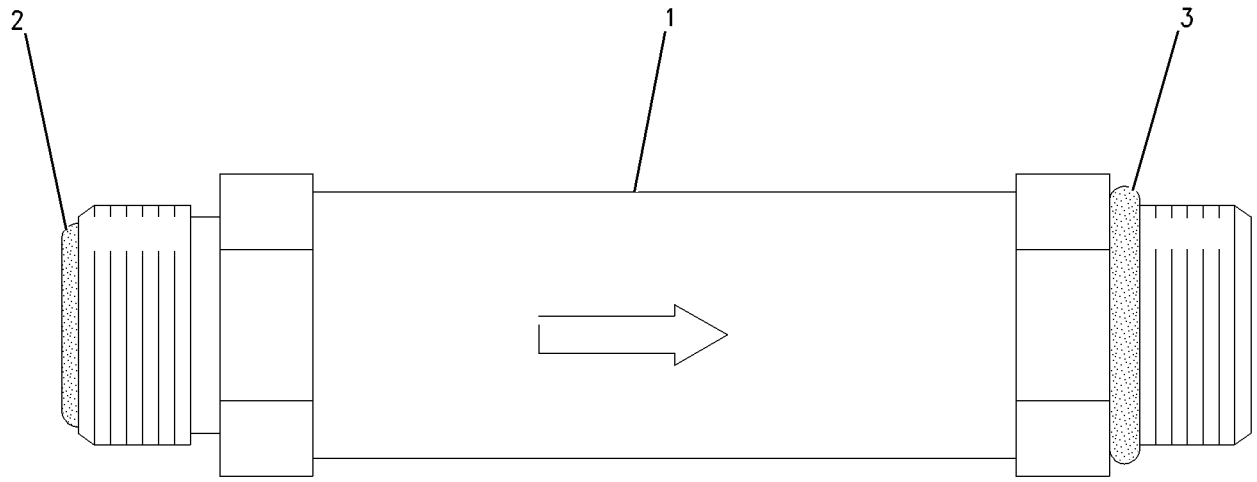
185-9357 VALVE GP-CHECK–STEER, HYD FAN OIL CLR BYPASS

S/N: BTW1-UP

PART OF 229-7346 LINES GP-HYDRAULIC FAN

SMCS-5067 **i03482045**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6E-1454**	1	VALVE GP-CHECK (COOLER BYPASS)	
	2	1	**5K-9090**	1	SEAL-O-RING	
	3	1	**7M-8485**	1	SEAL-O-RING	



GRAPHIC #1 <END> g00703639

9T-9551 VALVE GP-COMBINATION–PILOT, BRAKE

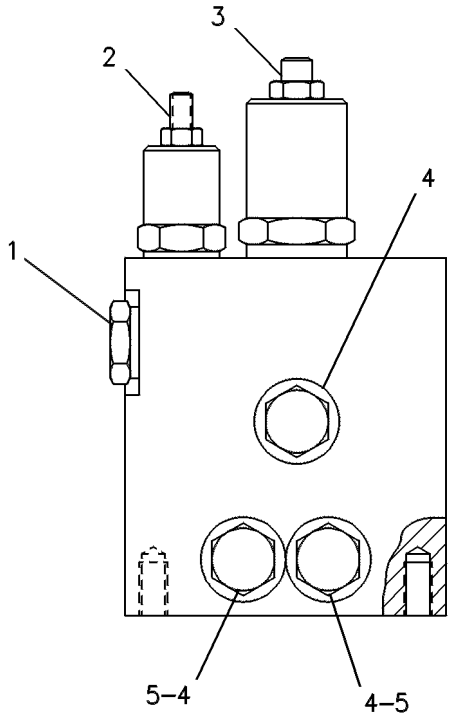
S/N: BTW1-UP

PART OF 229-7359 LINES GP-PILOT

SMCS-5064 **i02185788**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6R-0442**	1	VALVE-SHUTTLE	
	2	1	**6E-6293**	1	VALVE GP-RELIEF (PILOT)	
	3	1	**117-7761**	1	VALVE GP-UNLOADING	
C	4	1	**158-9956**	3	VALVE GP-CHECK (BRAKE, PILOT ACCUMULATOR)	
	5	1	**108-1176**	2	PLUG-ORIFICE	
					AVAILABLE REPAIR KIT(S):	
			228-4086	1	KIT-SEAL	
					(INCLUDES 4 SEAL-O-RINGS & 6 BACKUP RINGS)	

C - CHANGE FROM PREVIOUS TYPE



GRAPHIC #1 <END> g00120130

229-8722 VALVE GP-CONTROL

S/N: BTW1-UP

PART OF 240-9553 VALVE & MTG GP-MAIN CONTROL

SMCS-5051 **i05412303**

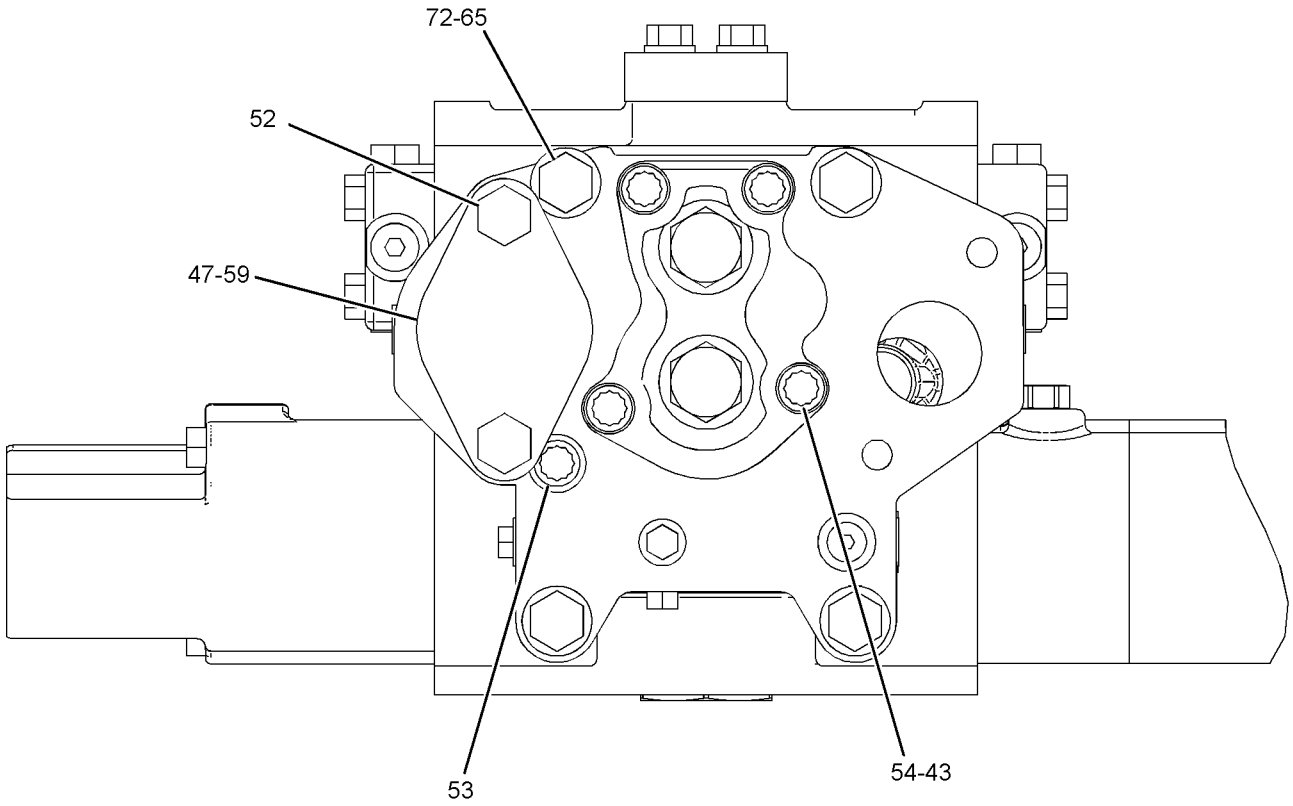
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**1U-1799**	2	PLUG	
	2	2	**2J-6089**	2	SPRING	
	3	3	**2N-7029**	2	SPRING-CONTROL PIN	
	4	3	**2S-6403**	2	SPRING (INNER)	
	5	2	**3G-8163**	2	SCREW-ADJUSTMENT (3/8-24X1.5-IN)	
	6	2	**3G-8165**	2	NUT (5/8-18-THD)	
	8	2	**6J-2561**	2	VALVE	
	9	2	**9J-5499**	1	SPRING (INNER)	
B	11	3	**177-7130**	5	SHIM (1-MM THK)	
	12	2	**197-5035**	1	PISTON	
	13	2	**205-3140**	2	HOUSING	
	14	3	**205-3171**	1	RETAINER	
	15	3	**205-3176**	1	RETAINER	
	16	3	**205-3179**	1	RETAINER	
	17	3	**205-3180**	1	RETAINER	
	19	3	**235-4104**	1	SPRING (OUTER)	
	20	3	**235-4106**	1	SPRING (OUTER)	
	21	2	**241-8832**	1	HOUSING	
	23	3	*162-0177*	4	PLUG AS	
					(EACH INCLUDES)	
		3	**3J-1907**	1	SEAL-O-RING	
		3	**9S-8004**	1	PLUG (9/16-18-THD)	
B	24	3	**164-2273**	9	SHIM (0.3-MM THK)	
	25	3	*183-7263*	1	PLUG AS	
		3	**9S-8002**	1	PLUG (7/16-20-THD)	
		3	**3J-7354**	1	SEAL-O-RING	
	26	3	**1H-5728**	1	SEAL-O-RING	
	27	2	**1P-4577**	6	FLANGE-HALF	
	28	2	**1P-4578**	4	FLANGE-HALF	
	30	2	**2A-5885**	1	SPRING	
	31	3	**2M-4453**	1	SEAL-O-RING	
	32	2	**2M-9780**	2	SEAL-O-RING	
	33	2	**2S-4078**	1	SEAL-O-RING	
	34	2	**3F-4479**	2	PIN-SPRING	
	35	3	**3G-1258**	2	RETAINER	
	36	3	**3G-3475**	2	SPRING	
	37	2	**3G-8164**	2	NUT (3/8-24-THD)	
	38	2	**3G-8415**	2	COVER	
	39	3	**3G-8710**	2	PLUG	
	40	2	**3J-1907**	1	SEAL-O-RING	
B	41	2	**3J-7470**	4	SHIM (1.22-MM THK)	
B	42	2	**3J-7473**	12	SHIM (0.12-MM THK)	
	43	1	**3K-6113**	4	WASHER-HARD (12X18.5X3-MM THK)	
	44	2	**3S-9233**	1	SEAL-O-RING	
	45	2	**4J-0520**	2	SEAL-O-RING	
	46	3	**4J-0522**	2	SEAL-O-RING	
	47	1,2	**4J-0523**	2	SEAL-O-RING	
	48	3	**4J-8996**	2	SEAL-O-RING	

229-8722 **VALVE GP-CONTROL (**contd.**)** **i05412303**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	49	2	**4J-8997**	1	SEAL-O-RING	
	50	2	**5H-4019**	2	COVER	
	51	2	**5J-4664**	1	SPRING	
	52	1	**5P-2228**	2	BOLT (1/2-13X1-IN)	
	53	1	**5P-7892**	1	BOLT-12 POINT HEAD (7/16-14X2.75-IN)	
	54	1	**5P-7972**	4	BOLT-12 POINT HEAD (7/16-14X1.75-IN)	
	55	2	**5S-7382**	12	BOLT (3/8-16X1.375-IN)	
	56	3	**6E-4343**	2	VALVE-CONTROL	
	57	2	**6J-3134**	2	SEAL-O-RING	
	58	2	**7D-9749**	1	SEAL-O-RING	
	59	1	**7J-1592**	1	COVER	
	60	2	**7M-5717**	1	SPACER (0.062-IN THK)	
	61	3	**7M-8485**	2	SEAL-O-RING	
	62	2	**7X-0288**	8	BOLT (3/8-16X1.625-IN)	
	63	2	**7X-0291**	2	BOLT (3/8-16X3.75-IN)	
	64	2	**7X-0308**	8	BOLT (7/16-14X1.375-IN)	
	65	1	**7X-0328**	4	BOLT (1/2-13X3.5-IN)	
	66	2	**8C-7323**	2	BOLT (3/8-16X6-IN)	
	67	3	**8F-8882**	2	SEAL-O-RING	
	68	2	**8J-7360**	1	PLUG	
	69	3	**8J-7366**	2	PLUG	
	70	2	**8J-7462**	1	SEAT	
	71	2	**8J-7466**	1	SEAT	
	72	1	**8T-4223**	4	WASHER-HARD (13.5X25.5X3-MM THK)	
	73	2	**8T-4896**	12	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	74	2	**8T-5360**	8	WASHER (12X22.5X2.5-MM THK)	
	75	2	**9J-5498**	1	SPRING (OUTER)	
	76	3	**9J-5753**	2	SPRING (INNER)	
	77	3	**9J-5754**	2	SPRING (OUTER)	
	78	2	**9T-3746**	1	VALVE-LOAD CHECK (LOAD CHECK)	
	79	3	**9T-3747**	2	VALVE-ORIFICE (LOAD CHECK)	
Y	81	3	**9T-5769**	1	VALVE GP-CONTROL (FLOW CONTROL)	1104
	82	3	**354-9082**	1	VALVE GP-SPOOL	

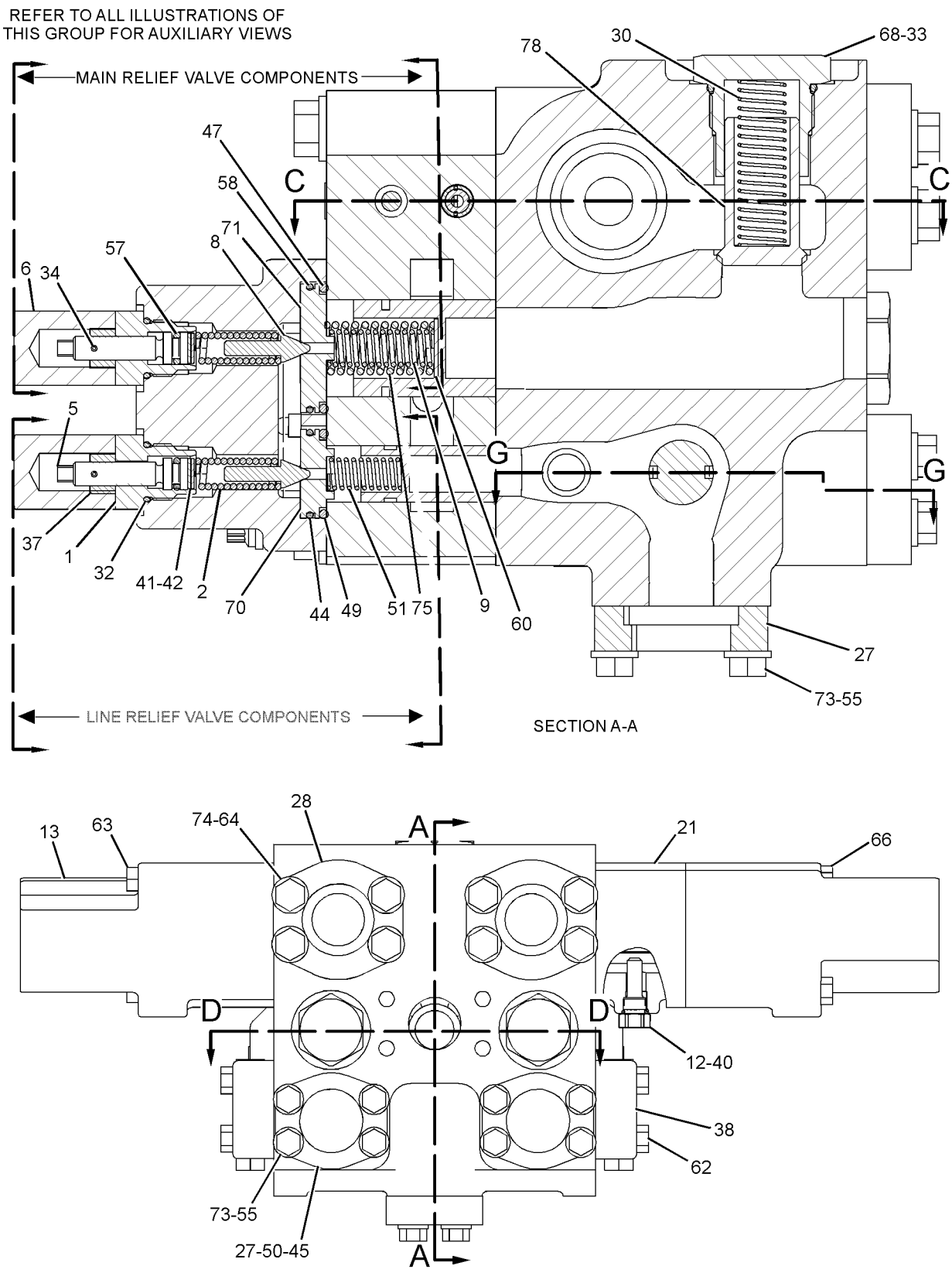
B - USE AS REQUIRED
Y - SEPARATE ILLUSTRATION

229-8722 **VALVE GP-CONTROL (**contd.**)** **i05412303**



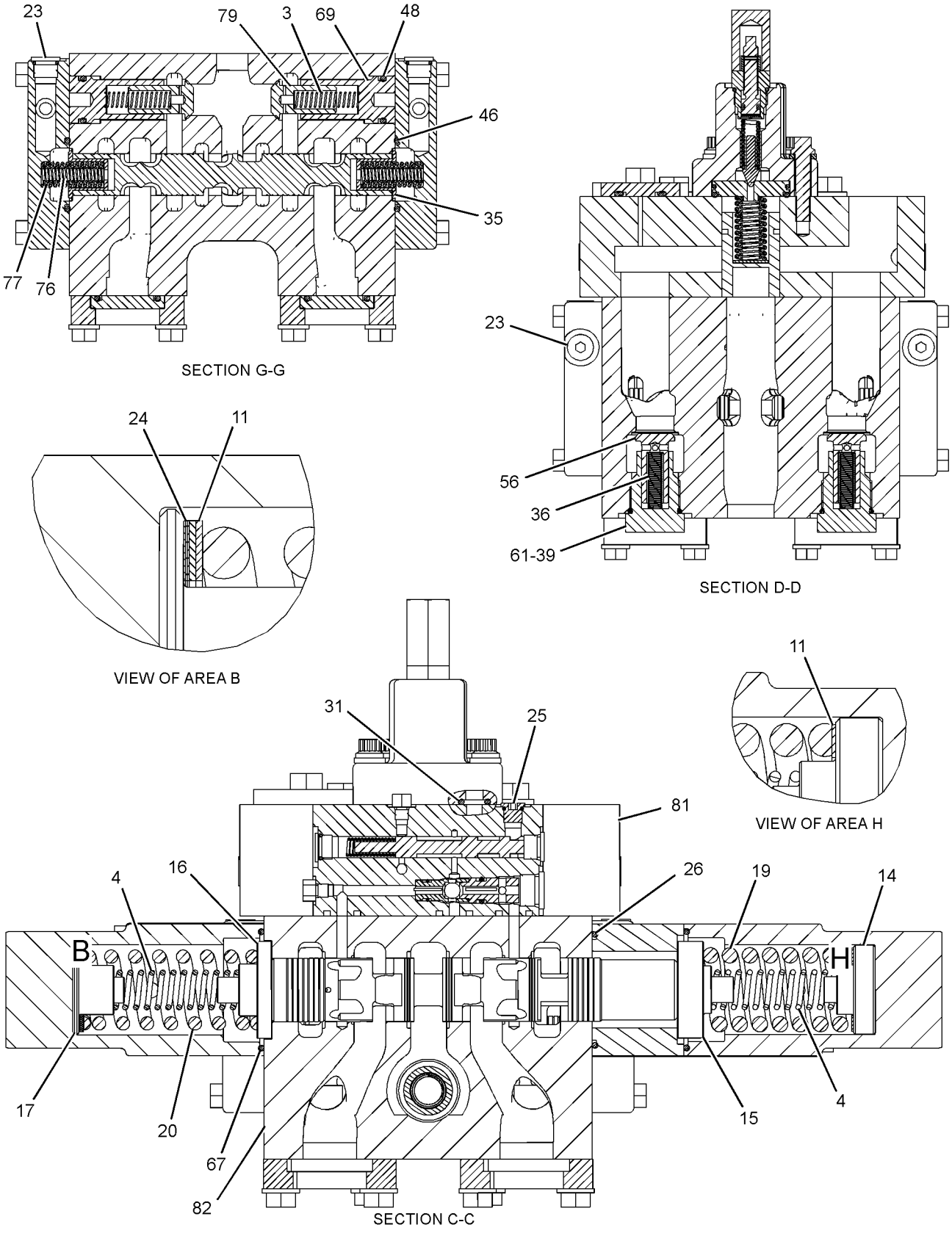
GRAPHIC #1 g01049235

229-8722 **VALVE GP-CONTROL** (contd.) **i05412303**



GRAPHIC #2 g01181394

229-8722 **VALVE GP-CONTROL** (contd.) **i05412303**



GRAPHIC #3 <END> g03688174

9T-5769 VALVE GP-CONTROL—FLOW CONTROL

S/N: BTW1-UP

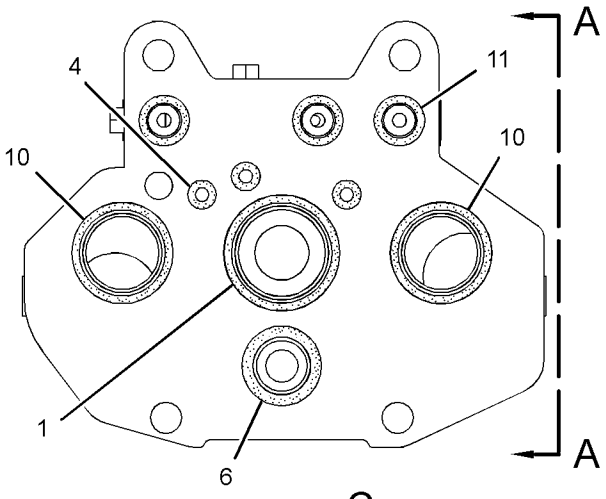
PART OF 229-8722 VALVE GP-CONTROL

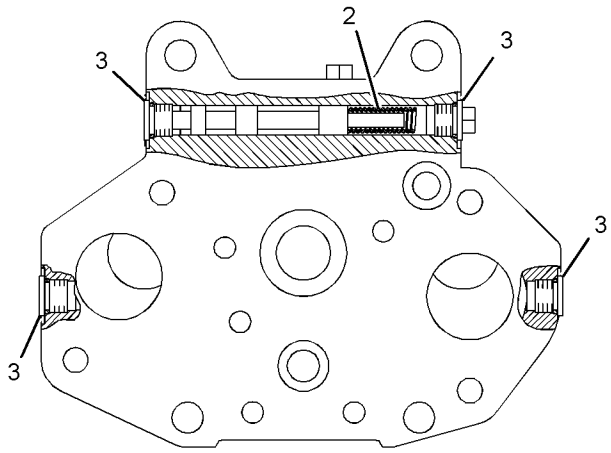
SMCS-5051 **i03544072**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4J-0523**	1	SEAL-O-RING	
	2	1	**9J-5756**	1	SPRING	
	3	1	*162-0177*	4	PLUG AS	
					(EACH INCLUDES)	
		1	**9S-8004**	1	PLUG (9/16-18-THD)	
		1	**3J-1907**	1	SEAL-O-RING	
	4	1	**9J-6491**	3	SEAL-O-RING	
	6	1	**4J-8997**	1	SEAL-O-RING	
	8	1	*148-8395*	1	PLUG AS	
		1	**9S-8005**	1	PLUG (3/4-16-THD)	
		1	**3K-0360**	1	SEAL-O-RING	
Y	9	1	**4T-4073**	1	VALVE GP-SHUTTLE	1112
	10	1	**4J-0522**	2	SEAL-O-RING	
	11	1	**6J-1038**	3	SEAL-O-RING	
	12	1	*222-4737*	3	PLUG AS	
					(EACH INCLUDES)	
		1	**9S-4180**	1	PLUG	
		1	**4J-7533**	1	SEAL-O-RING	

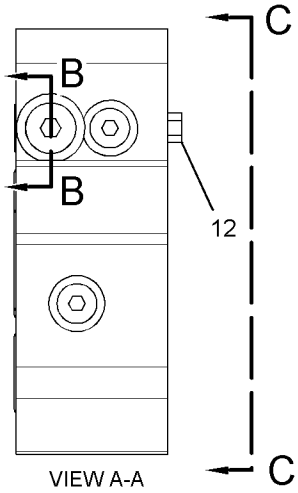
Y - SEPARATE ILLUSTRATION

9T-5769 **VALVE GP-CONTROL (**contd.**)** **i03544072**

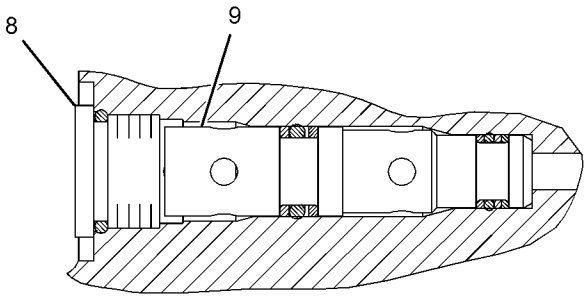




VIEW C-C



VIEW A-A



SECTION B-B

GRAPHIC #1 <END> g01628573

191-8735 VALVE GP-DEMAND FAN

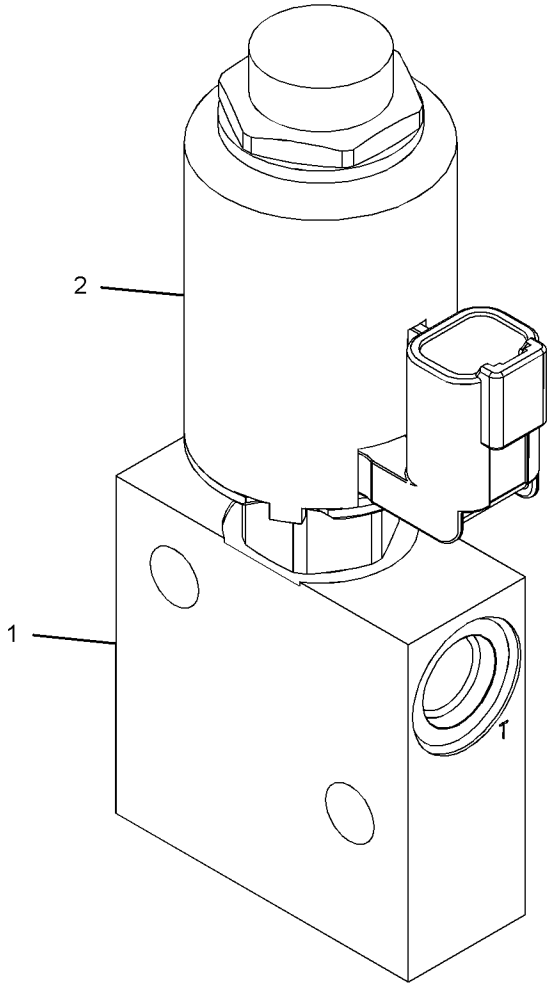
S/N: BTW1-UP

PART OF 237-2599 VALVE & MTG GP-HYDRAULIC FAN

SMCS-5264, 5479 **i03782589**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3E-3584**	1	MANIFOLD	
Y	2	1	**183-7595**	1	VALVE GP-SOLENOID (24-VOLT) (DEMAND FAN)	1115

Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g02054493

229-8724 VALVE GP-PILOT—JOYSTICK, 3-FUNCTION

S/N: BTW1-UP

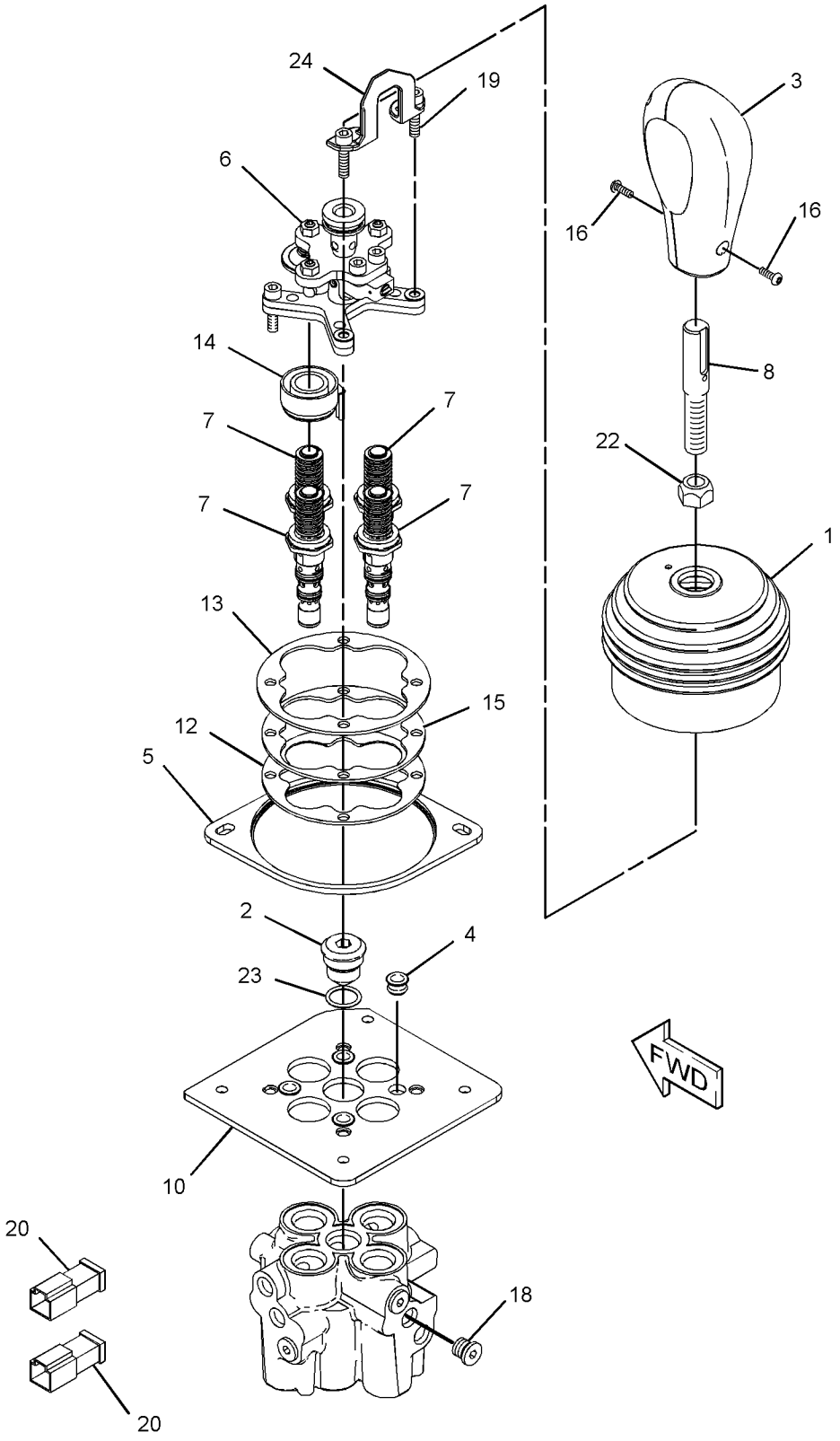
PART OF 238-9084 CONTROL GP-PILOT OPERATED HYD

SMCS-5059 **i03614058**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**141-4852**	1	BOOT	
	2	1	**145-2334**	1	ADAPTER	
Y	3	1	**148-9562**	1	CONTROL GP-HANDLE (TILT TO TIP FUNCTION)	1237
	4	1	**163-5512**	4	GROMMET	
B	5	1	**200-5003**	8	SHIM (0.25-MM THK)	
Y	6	1	**259-3001**	1	PIVOT GP-PILOT VALVE	1064
Y	7	1	**203-3312**	4	VALVE GP-PILOT CARTRIDGE	1109
	8	1	**203-6650**	1	ROD	
	10	1	**213-9182**	1	PLATE AS	
	12	1	**136-9297**	1	PLATE	
	13	1	**136-9298**	1	RETAINER	
	14	1	**137-9755**	1	COIL AS-DETENT (24-VOLT)	
		1	**186-3735**	2	PIN-CONNECTOR (16-GA TO 18-GA)	
	15	1	**149-5470**	1	PLATE	
M	16	1	**150-1293**	2	SCREW-BUTTON HEAD (M4X0.7X12-MM)	
	18	1	*183-7263*	8	PLUG AS	
					(EACH INCLUDES)	
		1	**3J-7354**	1	SEAL-O-RING	
		1	**9S-8002**	1	PLUG (7/16-20-THD)	
M	19	1	**191-8921**	4	BOLT-SOCKET HEAD (M6X1X25-MM)	
	20	1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
M	22	1	**6V-7687**	1	LOCKNUT (M12X1.75-THD)	
	23	1	**8L-2786**	1	SEAL-O-RING	
	24	1	**206-2800**	1	PLATE-DETENT	

B - USE AS REQUIRED
M - METRIC PART
Y - SEPARATE ILLUSTRATION

229-8724 **VALVE GP-PILOT (**contd.**)** **i03614058**



GRAPHIC #1 <END> g02143919

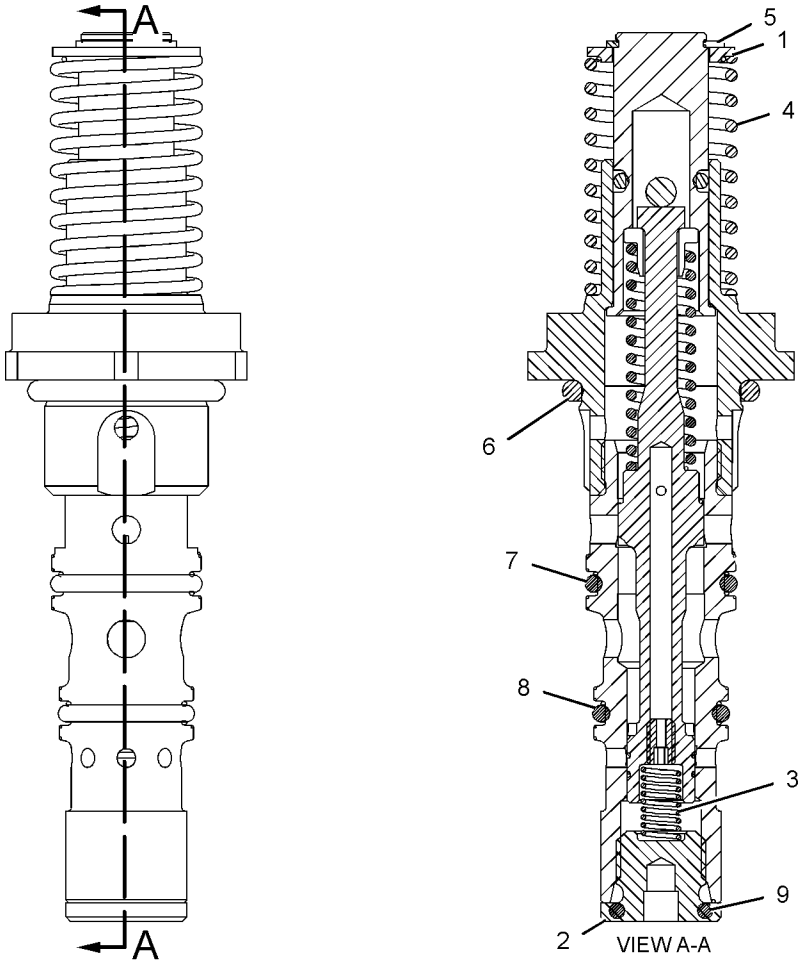
203-3312 VALVE GP-PILOT CARTRIDGE

S/N: BTW1-UP

PART OF 229-8724 VALVE GP-PILOT

SMCS-5059 **i03916689**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**146-6319**	1	RETAINER	
	2	1	**153-8925**	1	STOP	
	3	1	**153-8926**	1	SPRING	
	4	1	**157-2152**	1	SPRING	
	5	1	**2H-3429**	1	RING-RETAINING	
	6	1	**3K-0360**	1	SEAL-O-RING	
	7	1	**4K-2039**	1	SEAL-O-RING	
	8	1	**6M-5062**	1	SEAL-O-RING	
	9	1	**7J-0204**	1	SEAL-O-RING	



GRAPHIC #1 <END> g02150938

207-0697 VALVE GP-PUMP CONTROL—HYDRAULIC FAN—PRESSURE, FLOW COMPENSATOR

S/N: BTW1-UP

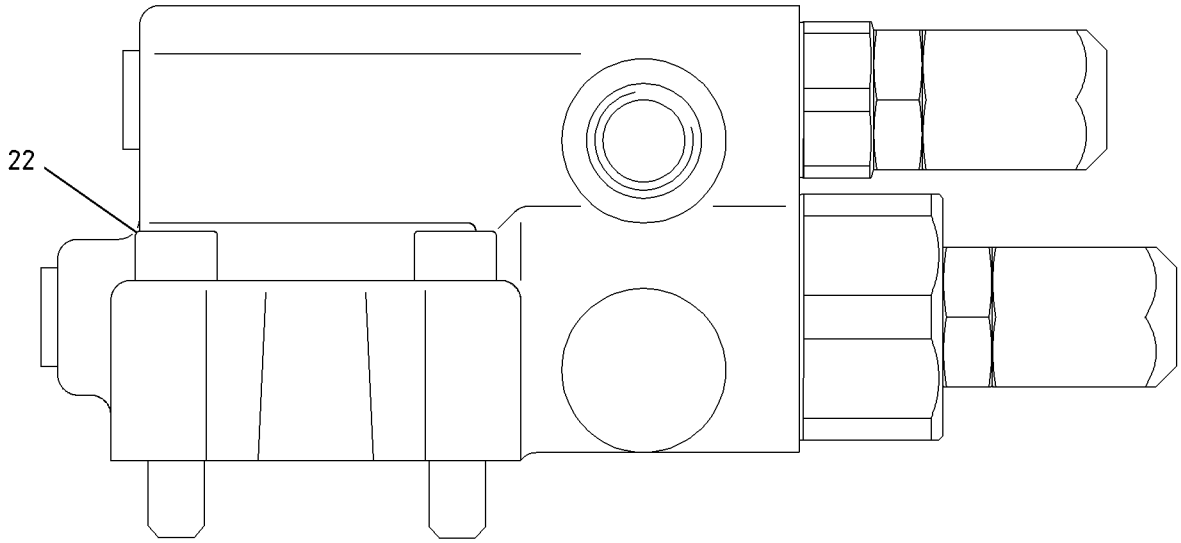
PART OF 229-0099, 235-0843 PUMP GP-PISTON

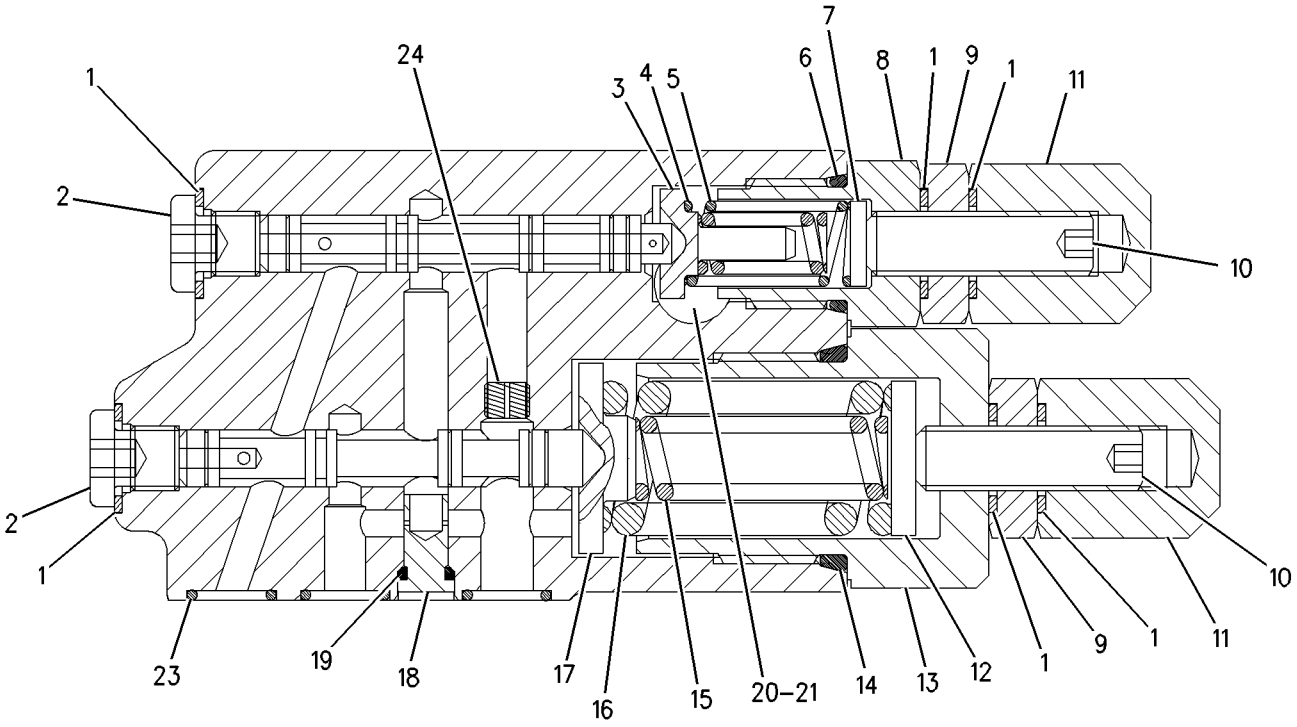
SMCS-5455 **i01592887**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6E-6528**	6	SEAL	
	2	1	**6E-6527**	2	PLUG	
	3	1	**6E-3268**	1	RETAINER-SPRING	
	4	1	**6E-3275**	1	SPRING	
	5	1	**6E-3274**	1	SPRING	
	6	1	**033-6043**	1	SEAL-O-RING	
	7	1	**6E-3272**	1	SEAT	
	8	1	**6E-6540**	1	PLUG	
M	9	1	**6E-6538**	2	NUT-ADJUSTMENT (M8X1-THD)	
M	10	1	**6E-6537**	2	SCREW-ADJUSTMENT (M8X1X28-MM)	
M	11	1	**6E-6539**	2	NUT-CAP (M8X1-THD)	
	12	1	**6E-3273**	1	SEAT	
	13	1	**6E-6536**	1	PLUG	
	14	1	**6V-8352**	1	SEAL-O-RING	
	15	1	**193-1036**	1	SPRING	
	16	1	**6E-3276**	1	SPRING	
	17	1	**6E-3269**	1	RETAINER-SPRING	
	18	1	**105-2145**	1	VALVE-ORIFICE	
	19	1	**5P-9262**	1	SEAL-O-RING	
	20	1	**3J-7354**	1	SEAL-O-RING	
	21	1	**9S-8002**	1	PLUG (7/16-20-THD)	
M	22	1	**8T-8442**	4	BOLT-SOCKET HEAD (M6X1X30-MM)	
	23	1	**9X-7680**	3	SEAL-O-RING	
	24	1	**119-0959**	1	PLUG-ORIFICE	

M - METRIC PART

207-0697 **VALVE GP-PUMP CONTROL (**contd.**)** **i01592887**





GRAPHIC #1 <END> g00826611

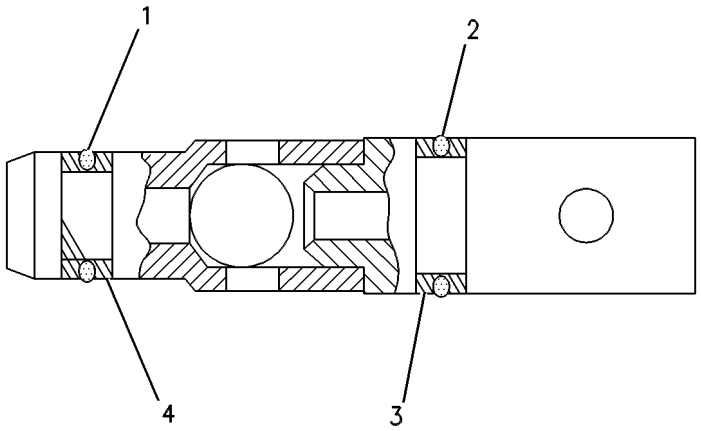
4T-4073 VALVE GP-SHUTTLE

S/N: BTW1-UP

PART OF 9T-5769 VALVE GP-CONTROL

SMCS-5079 **i01564592**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**033-6039**	1	SEAL-O-RING	
	2	1	**8L-2777**	1	SEAL-O-RING	
	3	1	**6E-0382**	2	RING-BACKUP	
	4	1	**6E-0381**	2	RING-BACKUP	



GRAPHIC #1 <END> g00279740

152-8340 VALVE GP-SOLENOID

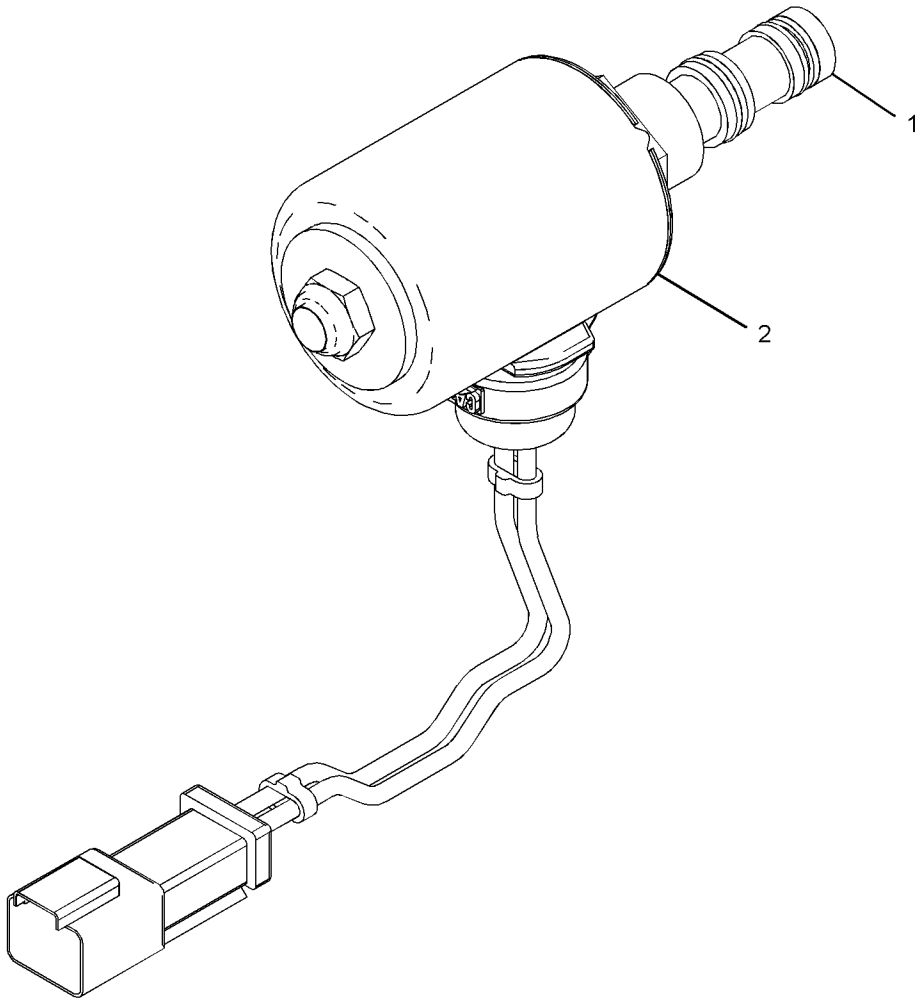
S/N: BTW1-UP
24-VOLT
PART OF 236-5464 WIRING GP-CAB

SMCS-5132, 5479

i04169412

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
J	1	1	**152-8338**	1	CARTRIDGE AS	
		1	**8C-9987**	1	WASHER (8.3X28X2.5-MM THK)	
		1	**111-0343**	1	LOCKNUT (5/16-18-THD)	
	2	1	**218-9894**	1	COIL AS (24-VOLT)	
					AVAILABLE REPAIR KIT(S):	
J			**197-7701**	1	KIT-SEAL (SOLENOID VALVE)	
					(INCLUDES SEALS & RINGS)	

J - KIT MARKED J SERVICES PART(S) MARKED J



GRAPHIC #1 <END> g02360296

152-8385 VALVE GP-SOLENOID–24-VOLT

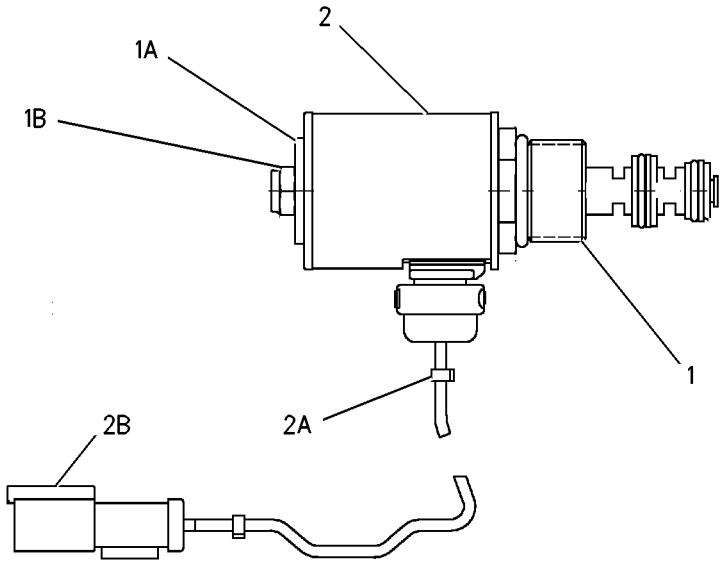
S/N: BTW1-UP
DIFFERENTIAL LOCK
PART OF 152-2698 VALVE & MTG GP-SOLENOID

SMCS-5132, 5479

i04183849

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**152-8383**	1	CARTRIDGE AS	
	1A	1	**8C-9987**	1	WASHER (8.3X28X2.5-MM THK)	
	1B	1	**111-0343**	1	LOCKNUT (5/16-18-THD)	
	2	1	**218-9894**	1	COIL AS (24-VOLT)	
B	2A	1	**1S-9593**	2	STRAP-CABLE	
	2B	1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	**8T-8729**	2	PIN-CONNECTOR (16-GA TO 18-GA)	
					AVAILABLE REPAIR KIT(S):	
			8J-9348		KIT-SEAL (SOLENOID VALVE)	
					(INCLUDES SEALS & RINGS)	

B - USE AS REQUIRED



GRAPHIC #1

<END>

g00837831

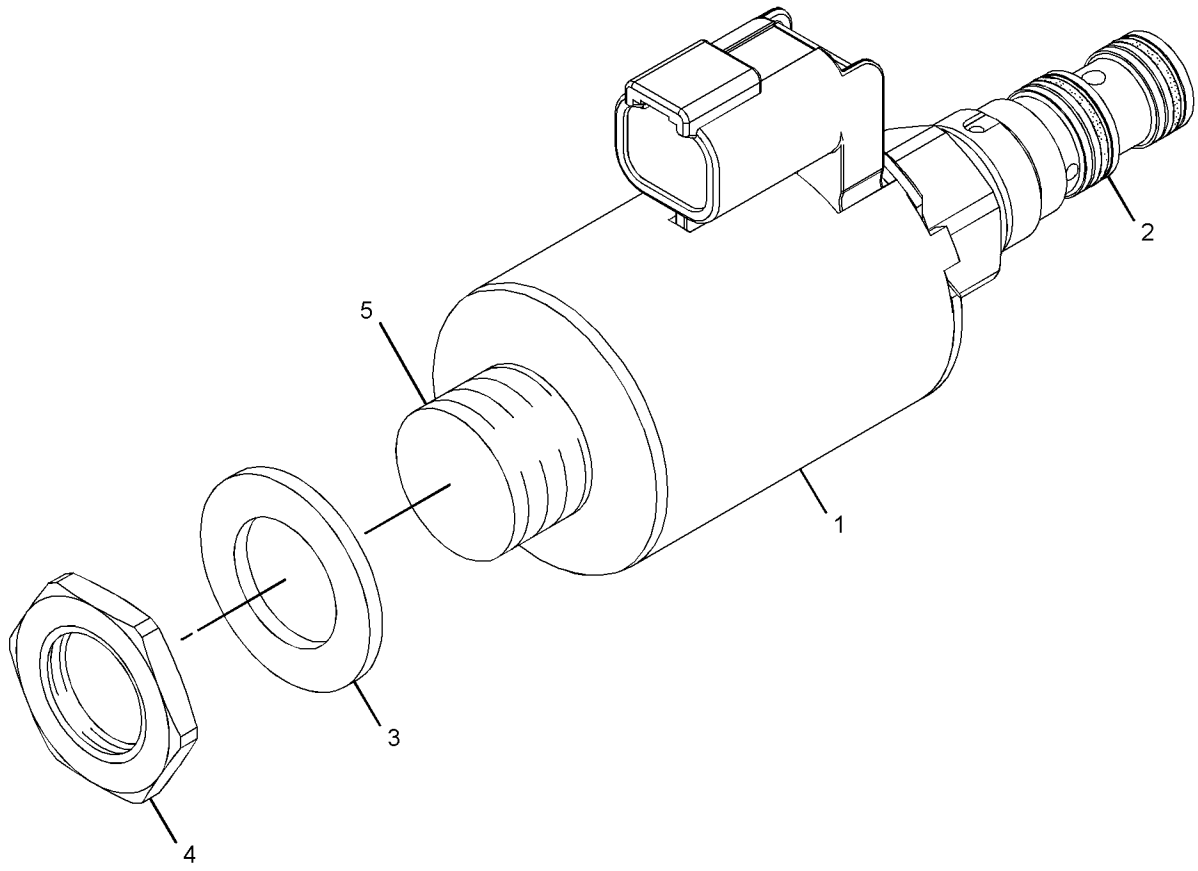
183-7595 VALVE GP-SOLENOID–DEMAND FAN

S/N: BTW1-UP
24-VOLT
PART OF 191-8735 VALVE GP-DEMAND FAN

SMCS-5132, 5479

i05236092

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**312-8629**	1	COIL AS (24-VOLT)	
	2	1	*189-8624*	1	ADAPTER AS	
		1	**8L-2786**	1	SEAL-O-RING	
		1	**033-5879**	1	SEAL-O-RING	
		1	**033-6033**	1	SEAL-O-RING	
		1	**212-6027**	1	RING	
		1	**221-9963**	1	RING	
	3	1	**191-9247**	1	WASHER (19.15X31.65X2.36-MM THK)	
	4	1	**198-2914**	1	NUT (3/4-32-THD)	
	5	1	**316-1438**	1	CARTRIDGE AS	
		1	**214-7568**	2	SEAL-O-RING	



GRAPHIC #1 <END> g01936941

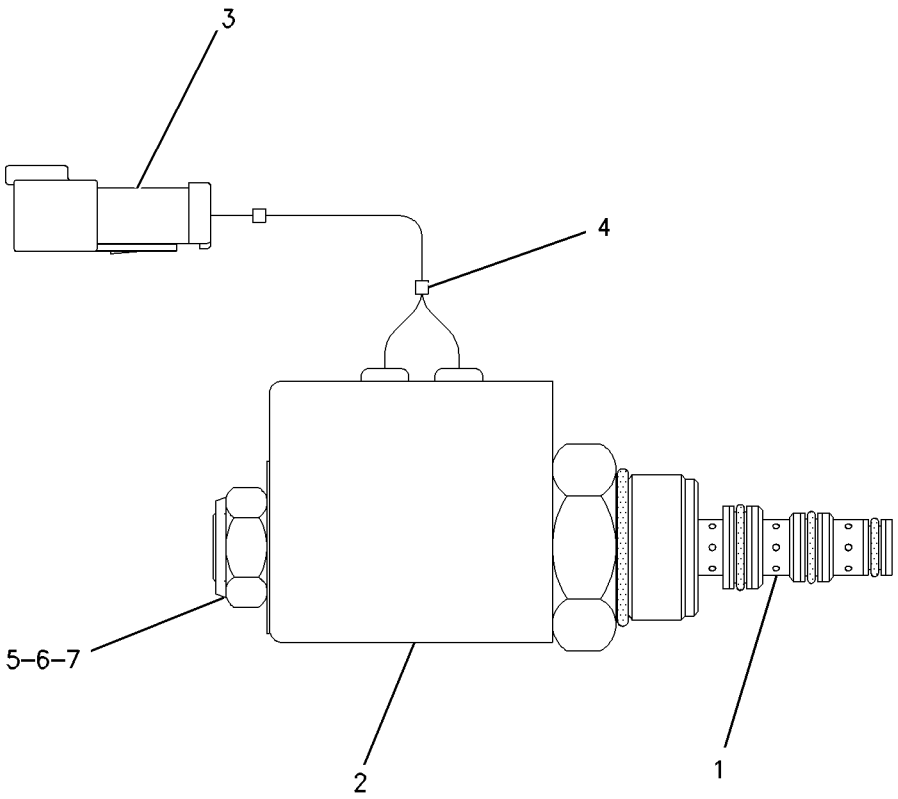
3E-9205 VALVE GP-SOLENOID

S/N: BTW1-UP
24-VOLT
PART OF 225-2321 VALVE GP-TILT CONTROL

SMCS-5132, 5479 **i04819092**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	**6T-9244**	1	CARTRIDGE AS	
C	2	1	**3E-8581**	1	COIL AS (24-VOLT)	
	3	1	**102-8804**	1	KIT-RECEPTACLE (4-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	**8T-8729**	4	PIN-CONNECTOR (16-GA TO 18-GA)	
	4	1	**1S-9593**	2	STRAP-CABLE	
	5	1	**157-2284**	1	LOCKNUT-SPECIAL (5/8-18-THD)	
	6	1	**160-5843**	1	WASHER (16.8X38.1XO.5-MM THK)	
	7	1	**160-5844**	1	WASHER-SPRING (16.3X31.5X1.85-MM THK)	
					AVAILABLE REPAIR KIT(S):	
C			**126-5948**	1	KIT-SEAL (SOLENOID VALVE)	
					(INCLUDES O-RING SEALS & BACKUP RINGS)	

C - CHANGE FROM PREVIOUS TYPE



GRAPHIC #1 <END> g00657410

225-2321 VALVE GP-TILT CONTROL—DUAL

S/N: BTW1-UP

PART OF 240-9553 VALVE & MTG GP-MAIN CONTROL

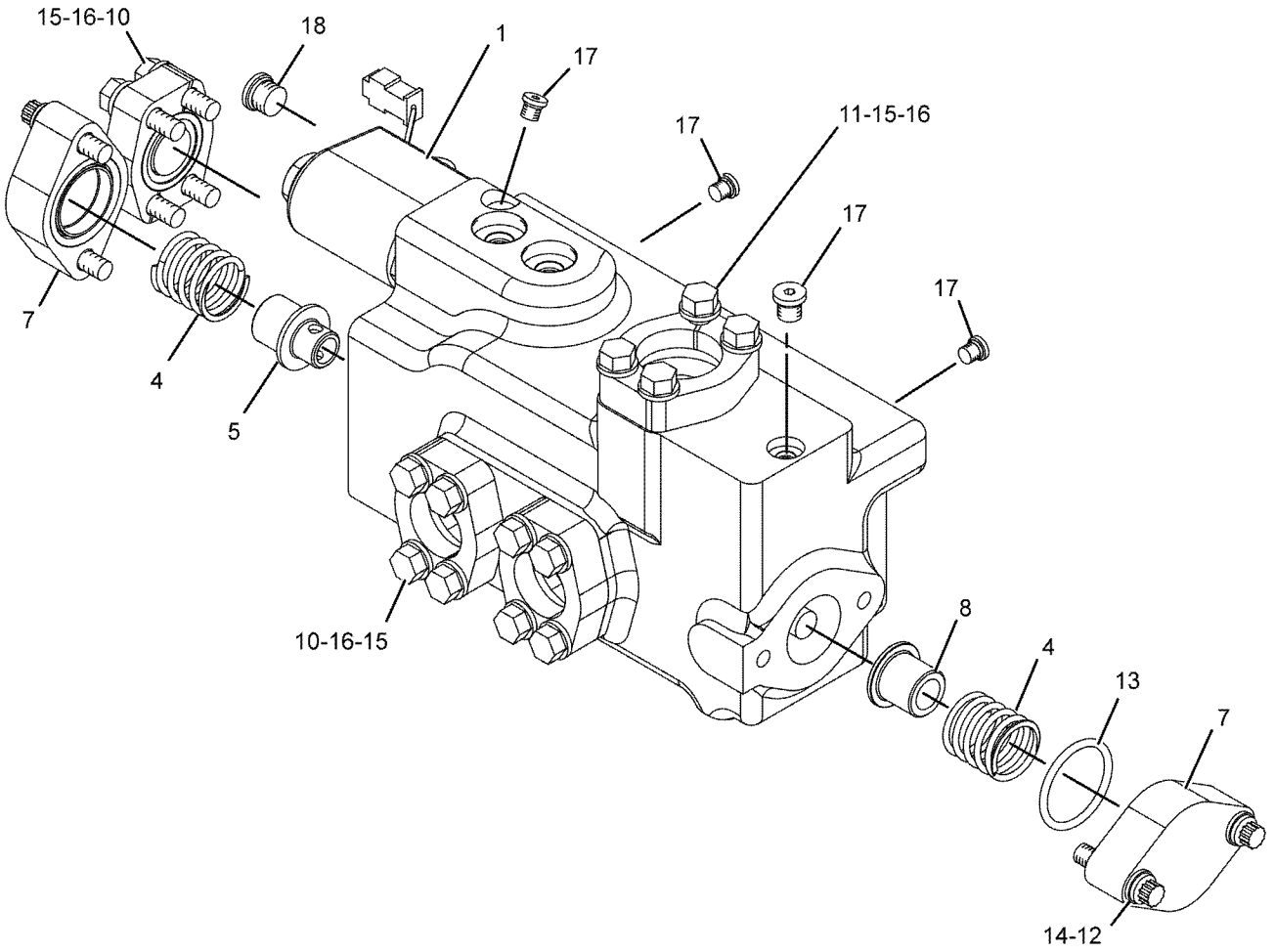
SMCS-5051, 5123

i03296060

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**3E-9205**	1	VALVE GP-SOLENOID (24-VOLT) (DUAL TILT)	1116
	4	1	**8J-8621**	2	SPRING	
	5	1	**9J-1722**	1	RETAINER	
	7	1	**223-4443**	2	COVER	
	8	1	**223-4445**	1	RETAINER	
	10	1	**1P-4576**	6	FLANGE-HALF	
	11	1	**1P-4577**	2	FLANGE-HALF	
	12	1	**3V-2431**	4	WASHER (10.2X16X2-MM THK)	
	13	1	**4J-0522**	2	SEAL-O-RING	
	14	1	**5P-0076**	4	BOLT-12 POINT HEAD (3/8-16X1.5-IN)	
	15	1	**5S-7382**	16	BOLT (3/8-16X1.375-IN)	
	16	1	**8T-4896**	16	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	17	1	**173-3993**	4	PLUG AS	
					(EACH INCLUDES)	
		1	**9S-8001**	1	PLUG	
		1	**4J-7533**	1	SEAL-O-RING	
	18	1	**162-0177**	1	PLUG AS	
		1	**9S-8004**	1	PLUG (9/16-18-THD)	
		1	**3J-1907**	1	SEAL-O-RING	

Y - SEPARATE ILLUSTRATION

225-2321 **VALVE GP-TILT CONTROL (**contd.**)** **i03296060**



GRAPHIC #1 <END> g01126501

8R-5663 CYLINDER & MTG GP-STEERING

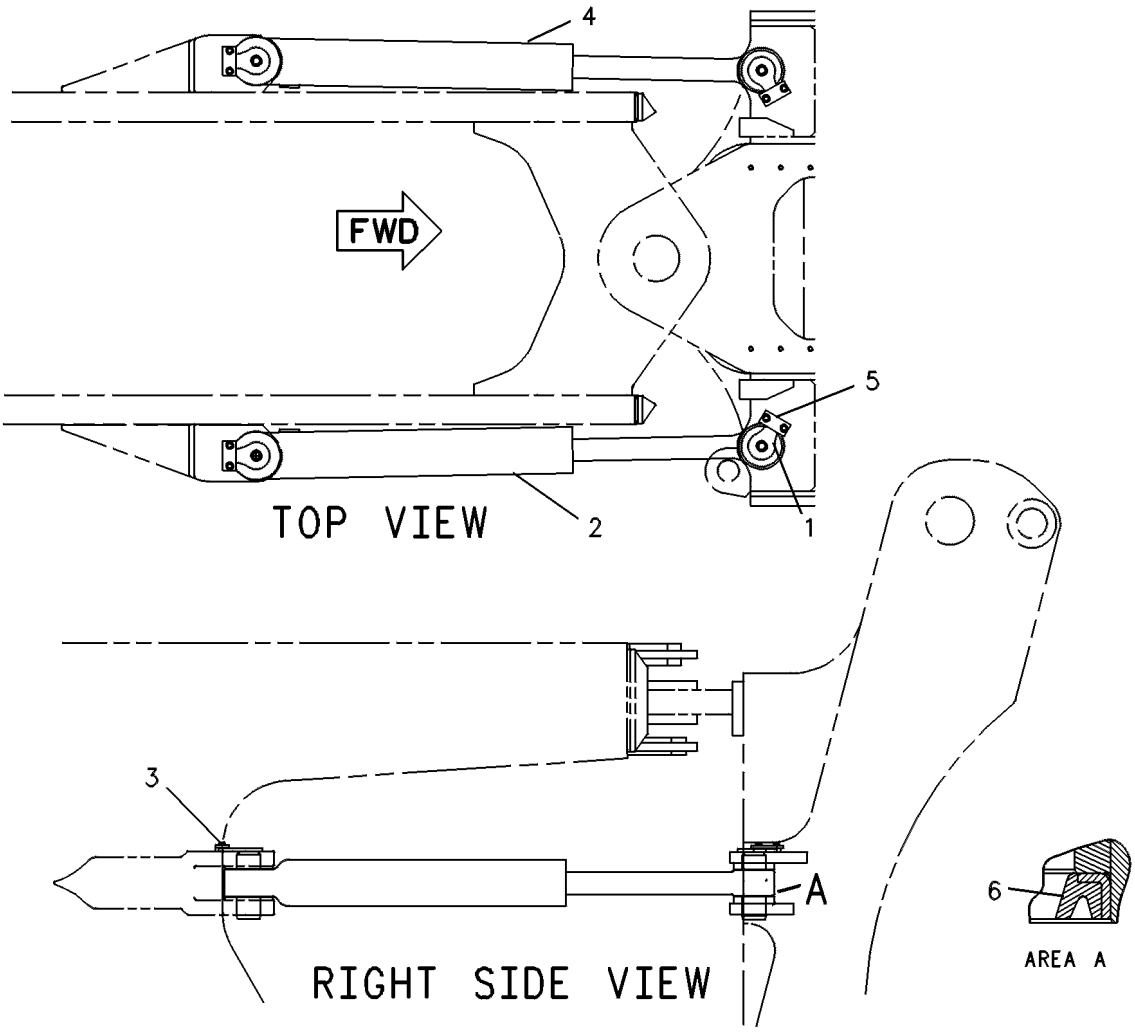
S/N: BTW1-UP

PART OF 230-3277 HYDRAULIC AR

SMCS-4303 **i02489132**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-8080**	4	PIN AS	
Y	2	1	**9T-9568**	1	CYLINDER GP-STEERING (RH)	1122
M	3	1	**8T-4192**	8	BOLT (M12X1.75X25-MM)	
		1	**8T-4223**	8	WASHER-HARD (13.5X25.5X3-MM THK)	
Y	4	1	**6E-1244**	1	CYLINDER GP-STEERING (LH)	1120
	5	1	**9D-6877**	4	PLATE	
	6	1	**7X-4803**	8	SEAL-LIP TYPE	

M - METRIC PART
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g00120137

6E-1244 CYLINDER GP-STEERING—LH

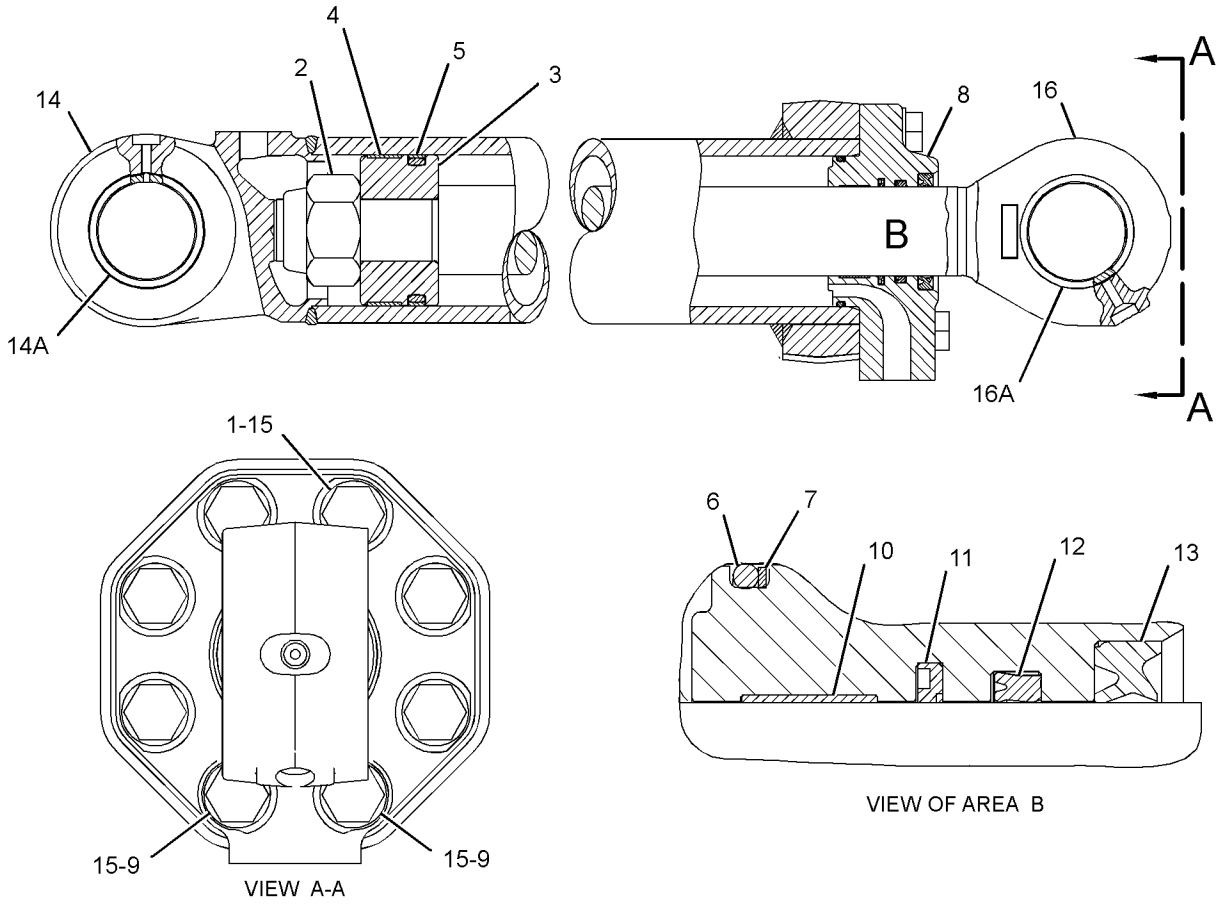
S/N: BTW1-UP
139.7MM (5.5IN) BORE X 873MM (34.37IN) STROKE
PART OF 8R-5663 CYLINDER & MTG GP-STEERING

SMCS-4303 **i06937414**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**173-9779**	6	BOLT (M24X3X80-MM)	
	2	1	**3J-6899**	1	LOCKNUT (2-1/4-12-THD)	
	3	1	**6E-1249**	1	PISTON	
J	4	1	**4J-4606**	1	RING-WEAR	
J	5	1	**4T-5173**	1	SEAL	
J	6	1	**8J-1688**	1	SEAL-O-RING	
J	7	1	**8J-1689**	1	RING-BACKUP	
	8	1	**6E-1250**	1	HEAD	
M	9	1	**8T-0667**	2	BOLT (M24X3X100-MM)	
J	10	1	**8C-9101**	1	RING-WEAR	
J	11	1	**346-5193**	1	SEAL AS-BUFFER	
	12	1	**346-5201**	1	SEAL-U-CUP	
J	13	1	**346-5199**	1	SEAL-WIPER	
R	14	1	**6E-1245**	1	CYLINDER AS	
	14A	1	**6E-0804**	1	BUSHING	
	15	1	**6V-8237**	8	WASHER (26X44X4-MM THK)	
R	16	1	**6E-1251**	1	ROD AS	
	16A	1	**6E-0804**	1	BUSHING	
					AVAILABLE REPAIR KIT(S):	
J			**229-7188**	1	KIT-SEAL	
					(KIT INCLUDES RINGS & SEALS)	

J - KIT MARKED J SERVICES PART(S) MARKED J
M - METRIC PART
R - REMANUFACTURED PART MAY BE AVAILABLE

6E-1244 **CYLINDER GP-STEERING (**contd.**)** **i06937414**



GRAPHIC #1 <END> g03317082

9T-9568 CYLINDER GP-STEERING—RH

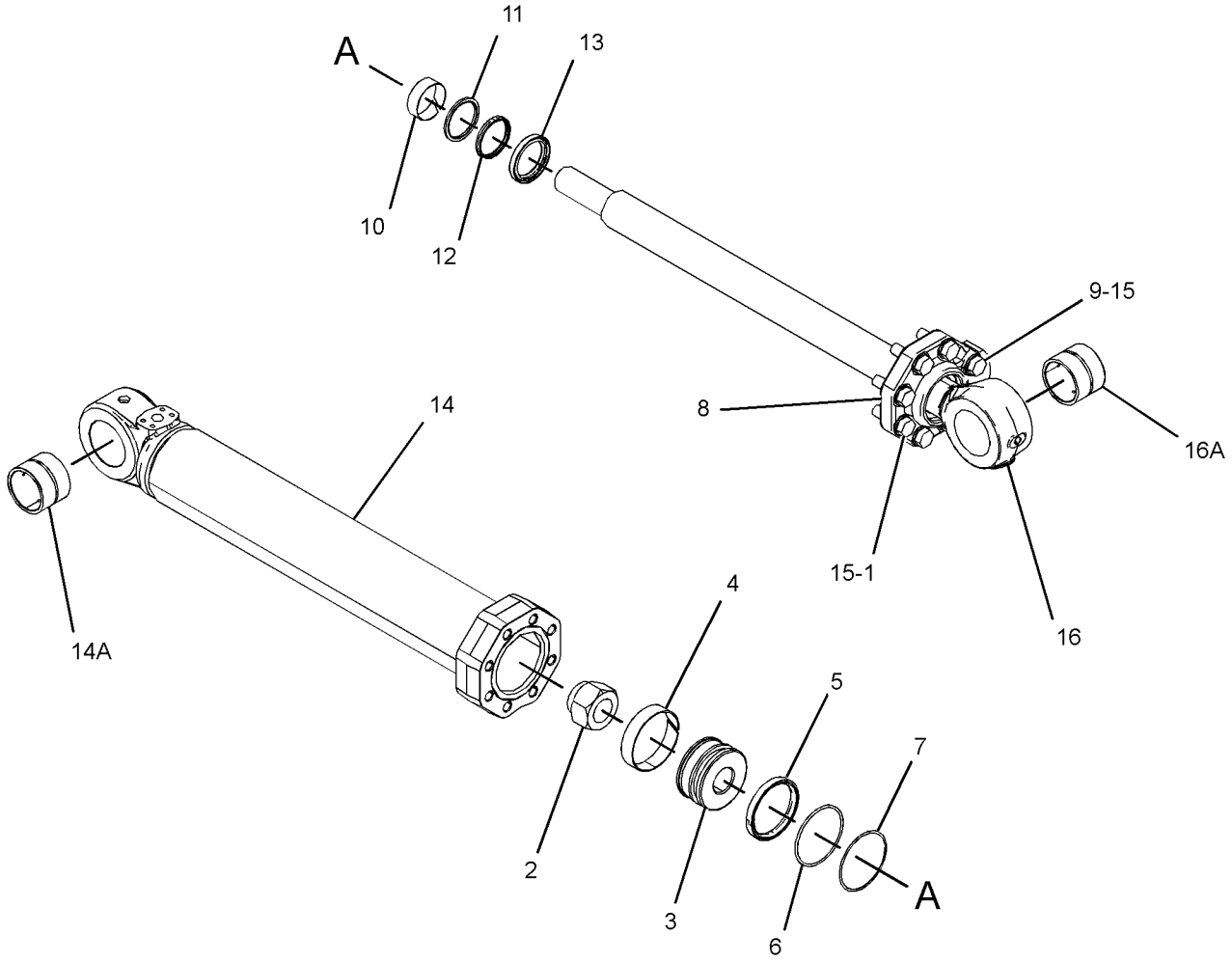
S/N: BTW1-UP
139.7MM (5.5IN) BORE X 873MM (34.37IN) STROKE
PART OF 8R-5663 CYLINDER & MTG GP-STEERING

SMCS-4303 **i05563255**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**173-9779**	6	BOLT (M24X3X80-MM)	
	2	1	**3J-6899**	1	LOCKNUT (2-1/4-12-THD)	
	3	1	**6E-1249**	1	PISTON	
J	4	1	**4J-4606**	1	RING-WEAR	
J	5	1	**4T-5173**	1	SEAL	
J	6	1	**8J-1688**	1	SEAL-O-RING	
J	7	1	**8J-1689**	1	RING-BACKUP	
	8	1	**6E-1250**	1	HEAD	
M	9	1	**8T-0667**	2	BOLT (M24X3X100-MM)	
J	10	1	**8C-9101**	1	RING-WEAR	
J	11	1	**346-5193**	1	SEAL AS-BUFFER	
	12	1	**346-5201**	1	SEAL-U-CUP	
J	13	1	**346-5199**	1	SEAL-WIPER	
R	14	1	**6E-1245**	1	CYLINDER AS	
	14A	1	**6E-0804**	1	BUSHING	
	15	1	**6V-8237**	8	WASHER (26X44X4-MM THK)	
R	16	1	**6E-1251**	1	ROD AS	
	16A	1	**6E-0804**	1	BUSHING	
					AVAILABLE REPAIR KIT(S):	
J			**229-7188**	1	KIT-SEAL	
					(KIT INCLUDES RINGS & SEALS)	

J - KIT MARKED J SERVICES PART(S) MARKED J
M - METRIC PART
R - REMANUFACTURED PART MAY BE AVAILABLE

9T-9568 **CYLINDER GP-STEERING (**contd.**)** **i05563255**



GRAPHIC #1 <END> g03316883

229-7355 LINES GP-SECONDARY STEERING

S/N: BTW1-154

PART OF 230-3277 HYDRAULIC AR

SMCS-4304 **i02160352**

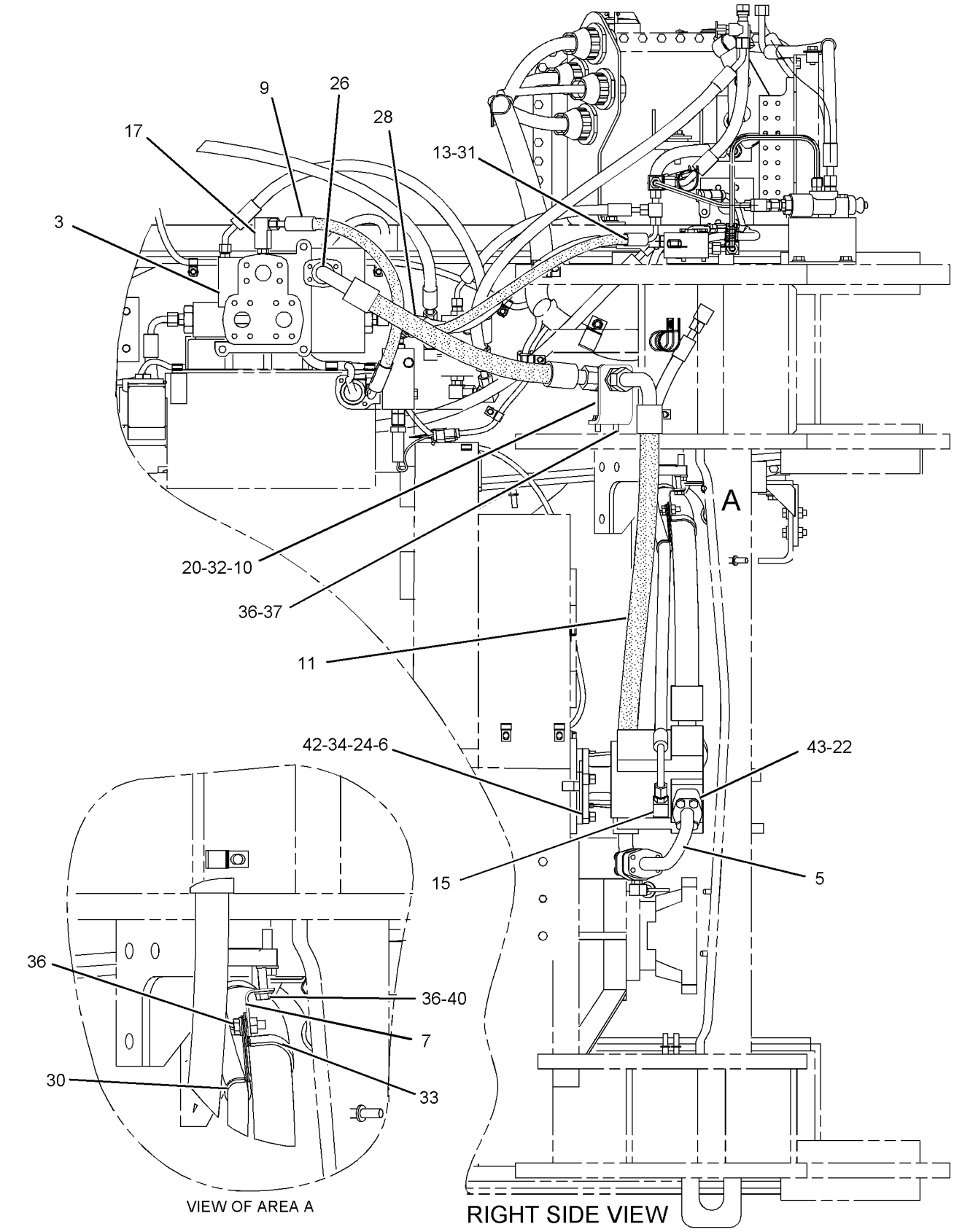
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**230-5771**	1	SWITCH AS-PRESSURE (PRIMARY STEERING OIL)	
		1	**3E-3371**	1	WEDGE-RECEPTACLE LOCK (3-PIN)	
		1	**9X-1813**	3	SLEEVE (30-CM)	
		1	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
I	2	1	**4E-9541**	1	HOSE AS	
Y	3	1	**6E-2923**	1	VALVE GP-STEERING (WITH SECONDARY STEERING)	1189
	4	1	**6V-0852**	1	CAP-DUST	
	5	1	**101-2877**	1	TUBE AS	
YR	6	1	**101-4007**	1	PUMP GP-GEAR (SECONDARY STEERING)	1153
	7	1	**140-2978**	1	BRACKET AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	8	1	**151-2823**	1	ADAPTER	
I	9	1	**220-5676**	1	HOSE AS	
	10	1	**237-0332**	1	BRACKET	
I	11	1	**237-0333**	1	HOSE AS	
I	12	1	**104-9581**	1	HOSE AS	
I	13	1	**131-3438**	1	HOSE AS	
	14	1	*148-8307*	1	ADAPTER AS	
		1	**5P-8874**	1	ADAPTER	
		1	**3J-1907**	1	SEAL-O-RING	
	15	1	*148-8364*	1	ELBOW AS	
		1	**6V-8625**	1	ELBOW	
		1	**3K-0360**	1	SEAL-O-RING	
		1	**6V-8398**	1	SEAL-O-RING	
	16	1	*148-8378*	2	ELBOW AS	
					(EACH INCLUDES)	
		1	**6V-8724**	1	ELBOW	
		1	**3J-1907**	1	SEAL-O-RING	
		1	**6V-8397**	1	SEAL-O-RING	
	17	1	*150-3036*	1	ELBOW AS	
		1	**8T-1905**	1	ELBOW	
		1	**3J-1907**	1	SEAL-O-RING	
		1	**6V-8397**	1	SEAL-O-RING	
	18	1	*150-3065*	1	ELBOW AS	
		1	**6V-0484**	1	ELBOW	
		1	**3J-1907**	1	SEAL-O-RING	
	19	1	*164-5567*	1	COUPLER AS-QUICK DISCONNECT (MALE)	
		1	**6V-3965**	1	FITTING (QUICK DISCONNECT)	
		1	**3J-1907**	1	SEAL-O-RING	
	20	1	*164-5577*	1	ELBOW AS	
		1	**6V-8984**	1	ELBOW	
		1	**5K-9090**	2	SEAL-O-RING	
	21	1	*174-3181*	1	ELBOW AS	
		1	**8T-7521**	1	ELBOW	
		1	**3J-1907**	1	SEAL-O-RING	
		1	**6V-8398**	1	SEAL-O-RING	
	22	1	**1P-3703**	1	SEAL-RECTANGULAR	

229-7355 **LINES GP-SECONDARY STEERING (**contd.**)** **i02160352**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	23	1	**1P-4579**	4	FLANGE-HALF	
	24	1	**2N-7007**	1	GASKET	
	25	1	**3K-0360**	1	SEAL-O-RING	
	26	1	**4J-0520**	3	SEAL-O-RING	
	27	1	**4J-0524**	2	SEAL-O-RING	
I	28	1	**6C-4493**	1	HOSE AS	
Y	29	1	**6E-5566**	1	VALVE GP-SELECTOR & PRESS CONT (SECONDARY STEERING)	1183
	30	1	**6V-1228**	1	CLIP	
	31	1	**6V-8397**	1	SEAL-O-RING	
	32	1	**6V-9172**	1	NUT (1-7/16-12-THD)	
	33	1	**7D-1553**	1	CLIP	
	34	1	**7X-0599**	4	WASHER-HARD (13X20X2-MM THK)	
	35	1	**8C-3206**	2	FLANGE-HALF	
	36	1	**8T-4121**	10	WASHER-HARD (11X21X2.5-MM THK)	
M	37	1	**8T-4136**	2	BOLT (M10X1.5X25-MM)	
M	38	1	**8T-4172**	4	BOLT (M10X1.5X80-MM)	
M	39	1	**8T-4184**	8	BOLT (M12X1.75X45-MM)	
M	40	1	**8T-4195**	2	BOLT (M10X1.5X30-MM)	
	41	1	**8T-4223**	8	WASHER-HARD (13.5X25.5X3-MM THK)	
M	42	1	**8T-4244**	4	NUT (M12X1.75-THD)	
M	43	1	**8T-6466**	6	BOLT (M10X1.5X60-MM)	

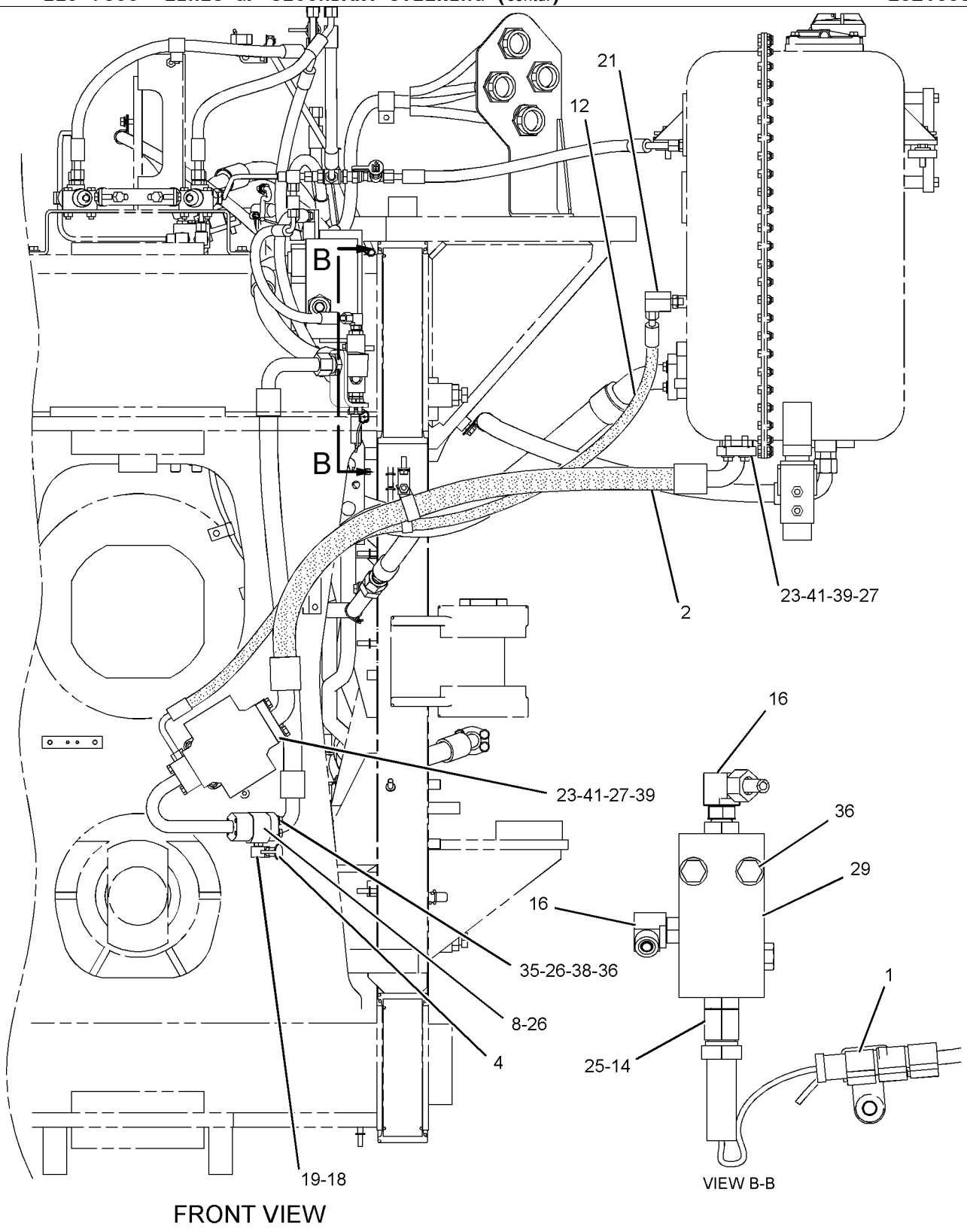
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART
R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

229-7355 **LINES GP-SECONDARY STEERING** (contd.) **i02160352**



GRAPHIC #1 g01048495

229-7355 **LINES GP-SECONDARY STEERING (**contd.**)** **i02160352**



GRAPHIC #2 <END> g01048496

229-7355 LINES GP-SECONDARY STEERING

S/N: BTW155-192

PART OF 230-3277 HYDRAULIC AR

SMCS-4304 **i04280551**

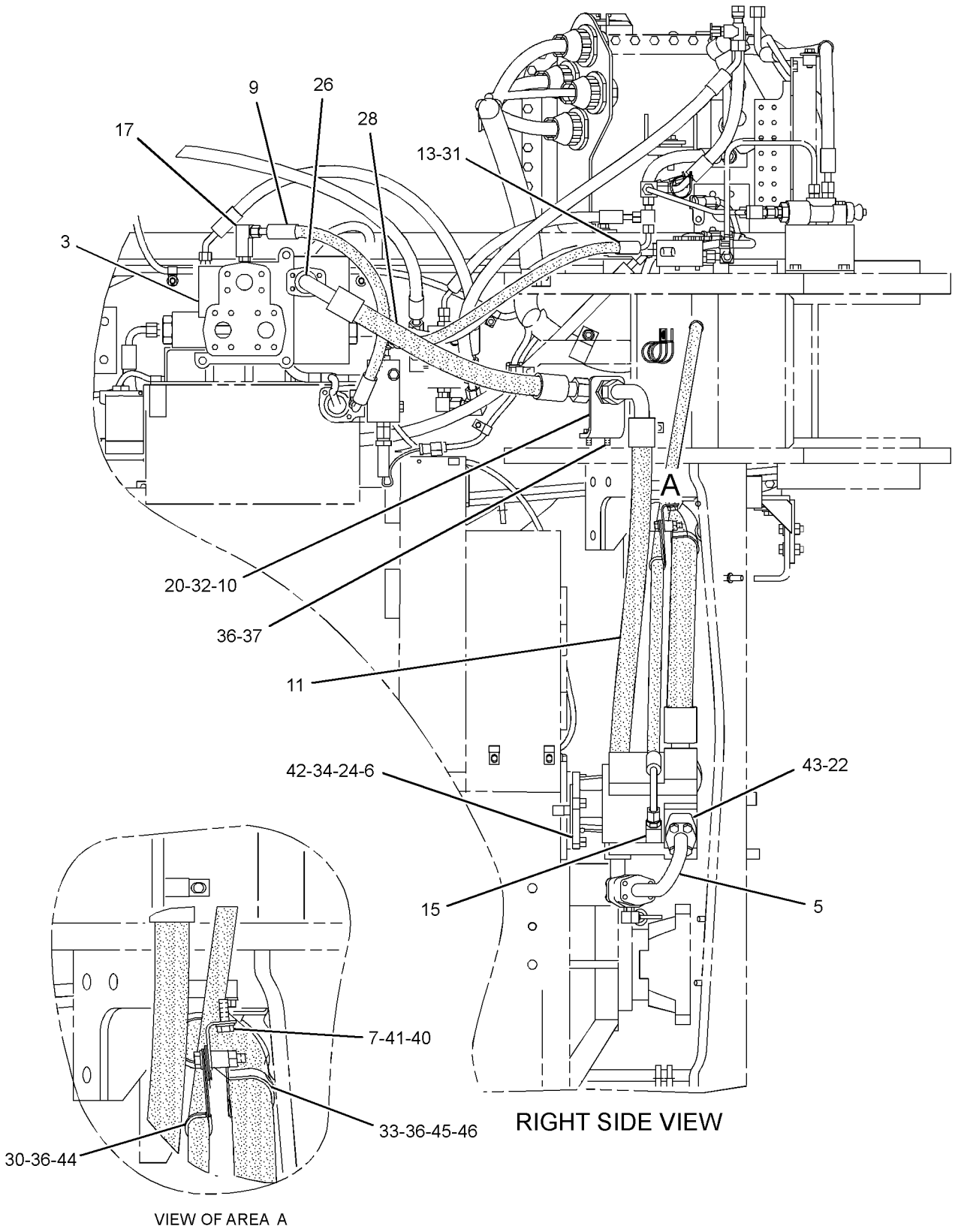
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**230-5771**	1	SWITCH AS-PRESSURE (PRIMARY STEERING OIL)	
		2	**3E-3371**	1	WEDGE-RECEPTACLE LOCK (3-PIN)	
		2	**9X-1813**	3	SLEEVE (30-CM)	
		2	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
I	2	2	**4E-9541**	1	HOSE AS	
Y	3	1	**301-4608**	1	VALVE GP-STEERING (WITH SECONDARY STEERING)	1185
	4	2	**6V-0852**	1	CAP-DUST	
	5	1	**101-2877**	1	TUBE AS	
YR	6	1	**101-4007**	1	PUMP GP-GEAR (SECONDARY STEERING)	1153
	7	1	**2W-7940**	1	BRACKET	
	8	2	**151-2823**	1	ADAPTER	
I	9	1	**220-5676**	1	HOSE AS	
	10	1	**237-0332**	1	BRACKET	
I	11	1	**237-0333**	1	HOSE AS	
I	12	2	**160-6096**	1	HOSE AS	
I	13	1	**131-3438**	1	HOSE AS	
	14	2	*148-8307*	1	ADAPTER AS	
		2	**5P-8874**	1	ADAPTER	
		2	**3J-1907**	1	SEAL-O-RING	
	15	1	*148-8364*	1	ELBOW AS	
		1	**6V-8625**	1	ELBOW	
		1	**3K-0360**	1	SEAL-O-RING	
		1	**6V-8398**	1	SEAL-O-RING	
	16	2	*148-8378*	2	ELBOW AS	
					(EACH INCLUDES)	
		2	**6V-8724**	1	ELBOW	
		2	**3J-1907**	1	SEAL-O-RING	
		2	**6V-8397**	1	SEAL-O-RING	
	17	1	*150-3036*	1	ELBOW AS	
		1	**8T-1905**	1	ELBOW	
		1	**3J-1907**	1	SEAL-O-RING	
		1	**6V-8397**	1	SEAL-O-RING	
	18	2	*150-3065*	1	ELBOW AS	
		2	**6V-0484**	1	ELBOW	
		2	**3J-1907**	1	SEAL-O-RING	
	19	2	*164-5567*	1	COUPLER AS-QUICK DISCONNECT (MALE)	
		2	**6V-3965**	1	FITTING (QUICK DISCONNECT)	
		2	**3J-1907**	1	SEAL-O-RING	
	20	1	*164-5577*	1	ELBOW AS	
		1	**6V-8984**	1	ELBOW	
		1	**5K-9090**	2	SEAL-O-RING	
C	21	2	*150-4043*	1	CONNECTOR AS	
		2	**6V-9873**	1	CONNECTOR	
		2	**3J-1907**	1	SEAL-O-RING	
		2	**6V-8398**	1	SEAL-O-RING	
	22	1	**1P-3703**	1	SEAL-RECTANGULAR	
	23	2	**1P-4579**	4	FLANGE-HALF	

229-7355 **LINES GP-SECONDARY STEERING (**contd.**)** **i04280551**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	24	1	**2N-7007**	1	GASKET	
	25	2	**3K-0360**	1	SEAL-O-RING	
	26	1,2	**4J-0520**	3	SEAL-O-RING	
	27	2	**4J-0524**	2	SEAL-O-RING	
I	28	1	**6C-4493**	1	HOSE AS	
Y	29	2	**6E-5566**	1	VALVE GP-SELECTOR & PRESS CONT (SECONDARY STEERING)	1183
	30	1	**6V-1228**	1	CLIP	
	31	1	**6V-8397**	1	SEAL-O-RING	
	32	1	**6V-9172**	1	NUT (1-7/16-12-THD)	
	33	1	**7D-1553**	1	CLIP	
	34	1	**7X-0599**	4	WASHER-HARD (13X20X2-MM THK)	
	35	2	**8C-3206**	2	FLANGE-HALF	
	36	1,2	**8T-4121**	10	WASHER-HARD (11X21X2.5-MM THK)	
M	37	1	**8T-4136**	2	BOLT (M10X1.5X25-MM)	
M	38	2	**8T-4172**	4	BOLT (M10X1.5X80-MM)	
M	39	2	**8T-4184**	8	BOLT (M12X1.75X45-MM)	
M	40	1	**8T-4139**	2	BOLT (M12X1.75X30-MM)	
	41	2	**8T-4223**	9	WASHER-HARD (13.5X25.5X3-MM THK)	
M	42	1	**8T-4244**	4	NUT (M12X1.75-THD)	
M	43	1	**8T-6466**	6	BOLT (M10X1.5X60-MM)	
M	44	1	**8T-4185**	1	BOLT (M10X1.5X50-MM)	
M	45	1	**8T-4133**	1	NUT (M10X1.5-THD)	
	46	1	**2B-0941**	1	SPACER (10.5X19X19-MM THK)	

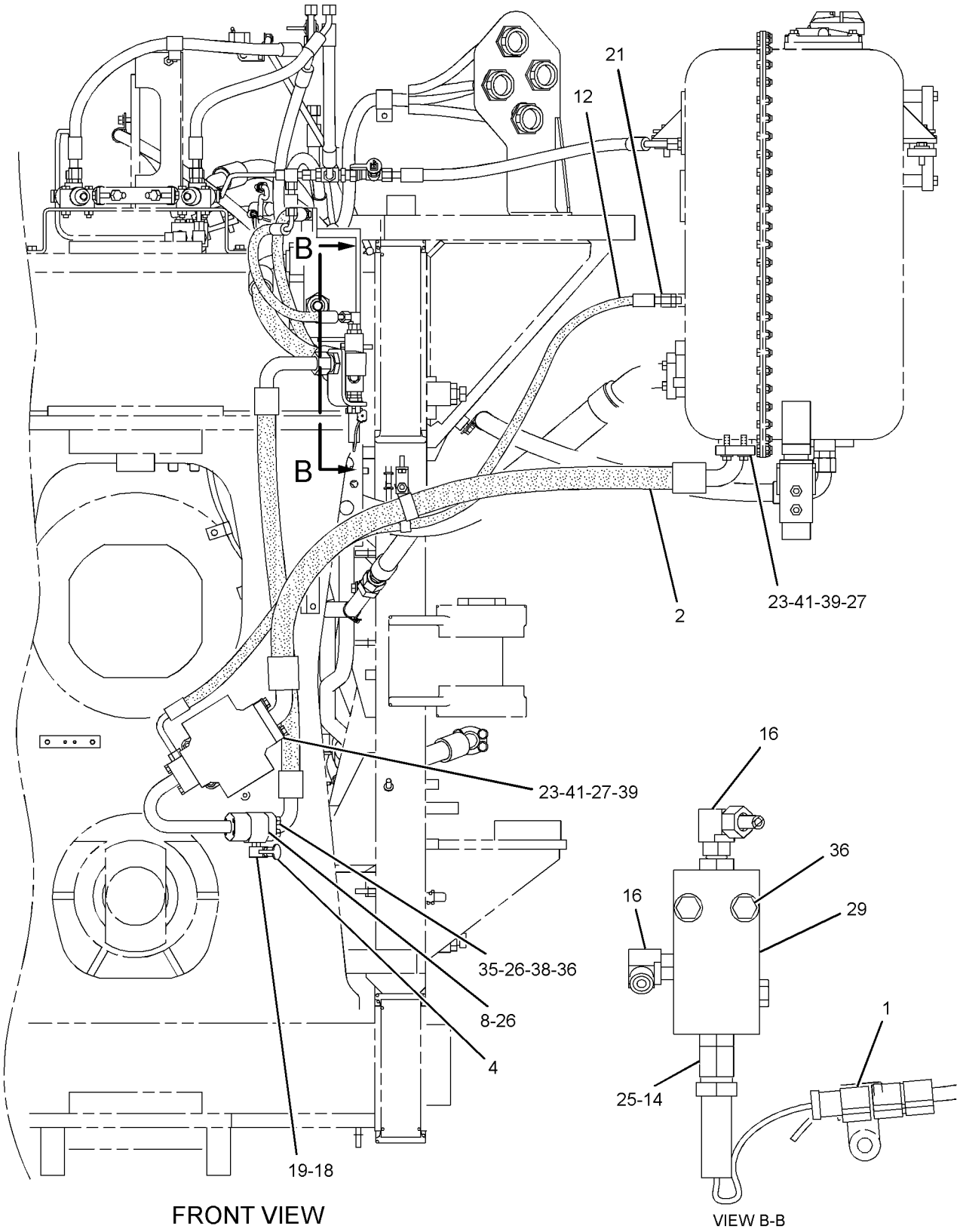
C - CHANGE FROM PREVIOUS TYPE
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART
R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

229-7355 **LINES GP-SECONDARY STEERING (**contd.**)** **i04280551**



GRAPHIC #1 g02564558

229-7355 **LINES GP-SECONDARY STEERING (**contd.**)** **i04280551**



GRAPHIC #2 <END> g01262689

229-7345 LINES GP-STEERING

S/N: BTW1-192

PART OF 230-3277 HYDRAULIC AR

SMCS-4304 **i04557150**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	3	**4E-7789**	2	CLAMP-HALF	
	2	3	**4E-8872**	1	MANIFOLD	
	3	2,3	**4E-8874**	2	MANIFOLD	
I	4	2	**4E-8877**	1	HOSE AS	
I	5	3	**4E-8878**	1	HOSE AS	
I	6	1	**4E-8879**	1	HOSE AS	
	7	3	**4E-9623**	1	BRACKET	
	8	2	**4E-9624**	1	BAR	
	9	3	**5H-4744**	1	SPACER (7/16-IN THK)	
	11	1,2,3	**6V-0852**	4	CAP-DUST	
	12	1	**7T-8331**	3	MOUNT AS	
	13	2	**8T-9358**	2	CONNECTOR	
	14	1	**9U-0190**	1	BAR	
I	15	2	**9U-3863**	1	HOSE AS	
	16	2	**109-1638**	1	CLIP	
	17	2	**133-1963**	1	VALVE-BREAKER RELIEF (STEERING, HYDRAULIC FAN TANK)	
	18	1	*148-8443*	1	TEE AS	
		1	**3J-1907**	1	SEAL-O-RING	
		1	**6V-8397**	1	SEAL-O-RING	
		1	**7X-2459**	1	ADAPTER-TEE	
	19	3	*164-5602*	1	PLUG AS	
		3	**2S-4078**	1	SEAL-O-RING	
		3	**8J-5914**	1	PLUG	
	20	3	**202-0662**	1	PLATE AS	
M		3	**8T-3597**	1	NUT-WELD (M12X1.75-THD)	
	21	3	**229-7360**	1	PLATE	
I	22	3	**234-2806**	1	HOSE AS	
I	23	3	**234-2807**	1	HOSE AS	
I	24	3	**234-2808**	1	HOSE AS	
I	25	3	**234-2809**	1	HOSE AS	
I	26	1	**234-2810**	1	HOSE AS	
	27	3	**240-9577**	1	ANGLE	
	28	3	**240-9742**	1	MANIFOLD	
	29	3	**240-9759**	1	TUBE AS	
I	30	2	**240-9910**	1	HOSE AS	
I	31	3	**240-9911**	1	HOSE AS	
I	32	2	**241-0104**	1	HOSE AS	
I	33	3	**241-0153**	1	HOSE AS	
I	34	3	**241-2810**	1	HOSE AS	
I	35	3	**241-2932**	1	HOSE AS	
	36	2	**241-5832**	1	TUBE AS	
	37	2	**241-5833**	1	TUBE AS	
	38	2	**241-5836**	1	BRACKET	
	39	1	**252-2336**	1	BRACKET AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
M		1	**8T-3597**	4	NUT-WELD (M12X1.75-THD)	
I	40	1	**278-9573**	1	HOSE AS	

229-7345 **LINES GP-STEERING (**contd.**)** **i04557150**

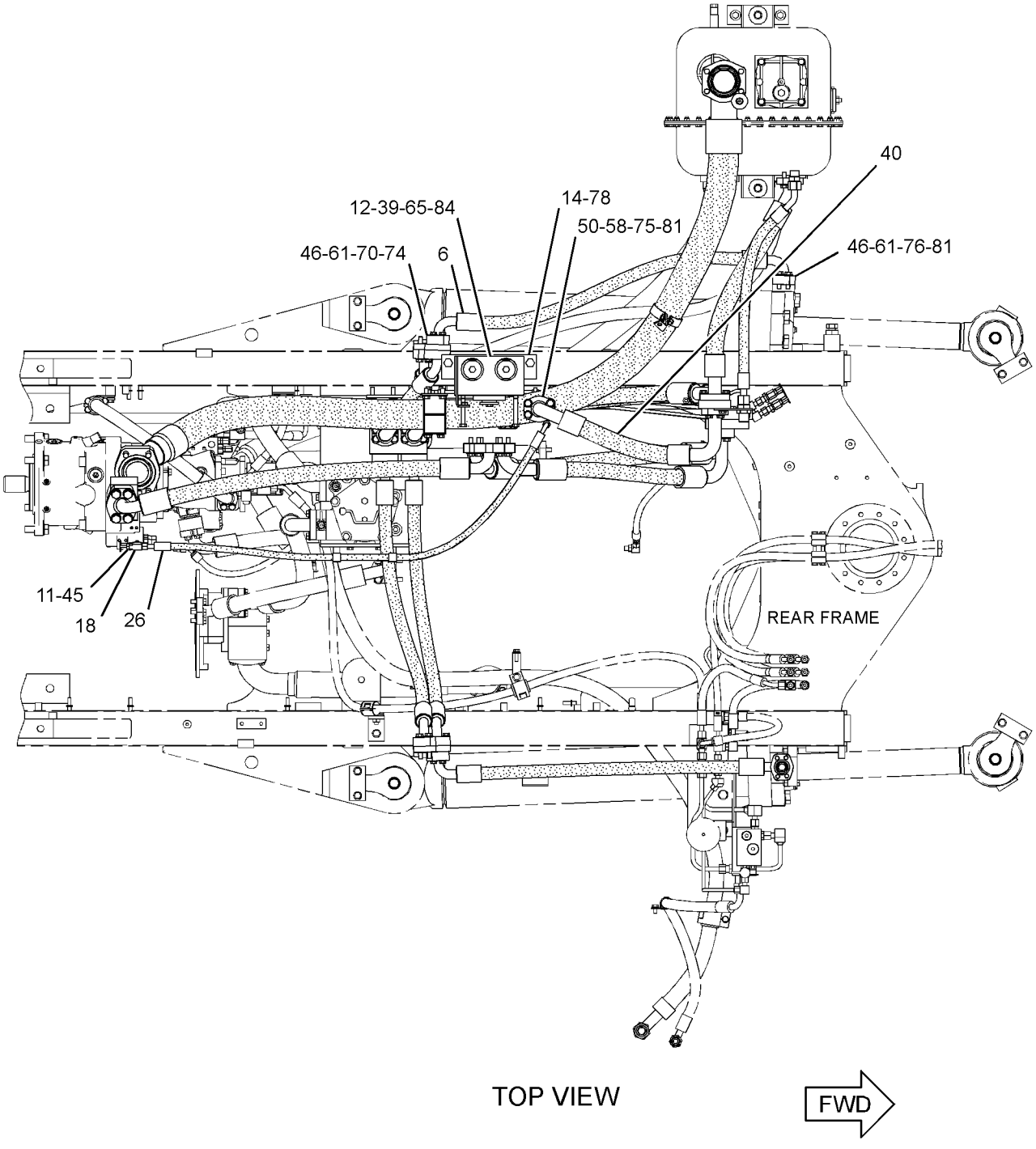
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	41	2	*148-8327*	1	CONNECTOR AS	
		2	**3D-2824**	1	SEAL-O-RING	
		2	**6V-8637**	1	CONNECTOR	
		2	**6V-9746**	1	SEAL-O-RING	
	42	3	*148-8336*	3	CONNECTOR AS	
					(EACH INCLUDES)	
		3	**3J-1907**	1	SEAL-O-RING	
		3	**6V-8397**	1	SEAL-O-RING	
		3	**6V-8636**	1	CONNECTOR	
	43	2	*148-8367*	2	ELBOW AS	
					(EACH INCLUDES)	
		2	**6V-8397**	1	SEAL-O-RING	
		2	**6V-9850**	1	ELBOW	
	44	2	*148-8455*	1	UNION AS	
		2	**6V-8997**	1	UNION	
		2	**6V-9746**	2	SEAL-O-RING	
	45	1,2,3	*164-5567*	4	COUPLER AS-QUICK DISCONNECT (MALE)	
					(EACH INCLUDES)	
		1,2,3	**3J-1907**	1	SEAL-O-RING	
		1,2,3	**6V-3965**	1	FITTING (QUICK DISCONNECT)	
	46	1,2,3	**1P-3703**	12	SEAL-RECTANGULAR	
	47	2,3	**1P-3704**	11	SEAL-RECTANGULAR	
	48	3	**1P-3705**	2	SEAL-RECTANGULAR	
	49	3	**1P-3706**	1	SEAL-RECTANGULAR	
	50	1,2,3	**1P-4579**	8	FLANGE-HALF	
	51	2	**1P-4585**	2	FLANGE-HALF	
	52	2,3	**1P-5767**	18	FLANGE-HALF	
	53	3	**1P-7016**	2	FLANGE-HALF	
	54	3	**2H-3934**	1	SEAL-O-RING	
	55	2	**2H-6338**	1	SEAL-O-RING	
	56	2	**2P-1293**	1	LOCKNUT (1-3/16-12-THD)	
	57	2	**3D-2824**	1	SEAL-O-RING	
	58	1,2,3	**4J-0524**	4	SEAL-O-RING	
	59	3	**5P-8077**	2	FLANGE-HALF	
	60	3	**5P-9297**	1	CLIP	
	61	1,2,3	**6V-0400**	24	FLANGE-HALF	
	62	3	**6V-3265**	3	CLIP	
	63	2	**6V-8397**	2	SEAL-O-RING	
	64	2	**6V-9168**	2	NUT (11/16-16-THD)	
	65	1	**7G-8839**	3	SPACER (13.5X57X6-MM THK)	
M	66	3	**7X-2550**	3	BOLT (M12X1.75X110-MM)	
M	67	3	**7X-2557**	4	BOLT (M16X2X140-MM)	
	68	3	**7Y-4038**	2	CLAMP-HALF	
	69	3	**8S-0948**	2	CLIP	
	70	1,2,3	**8T-4121**	21	WASHER-HARD (11X21X2.5-MM THK)	
M	71	2	**8T-4133**	1	NUT (M10X1.5-THD)	
M	72	3	**8T-4137**	2	BOLT (M10X1.5X20-MM)	
M	73	2	**8T-4139**	3	BOLT (M12X1.75X30-MM)	
M	74	1,2,3	**8T-4182**	16	BOLT (M10X1.5X45-MM)	
M	75	1,2,3	**8T-4183**	16	BOLT (M12X1.75X40-MM)	
M	76	1,2,3	**8T-4184**	24	BOLT (M12X1.75X45-MM)	
M	77	3	**8T-4192**	6	BOLT (M12X1.75X25-MM)	

229-7345 **LINES GP-STEERING** (contd.) **i04557150**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	78	1,3	**8T-4193**	10	BOLT (M16X2X50-MM)	
M	79	2,3	**8T-4194**	36	BOLT (M12X1.75X50-MM)	
M	80	2,3	**8T-4196**	2	BOLT (M10X1.5X35-MM)	
	81	1,2,3	**8T-4223**	107	WASHER-HARD (13.5X25.5X3-MM THK)	
M	82	3	**8T-4244**	2	NUT (M12X1.75-THD)	
M	83	2,3	**8T-4648**	12	BOLT (M12X1.75X70-MM)	
M	84	1	**8T-4910**	3	BOLT (M12X1.75X60-MM)	
M	85	3	**8T-4956**	8	BOLT (M12X1.75X35-MM)	
M	86	3	**8T-5092**	2	BOLT (M12X1.75X150-MM)	
	87	3	**9X-8257**	12	WASHER (17.5X30X3.5-MM THK)	

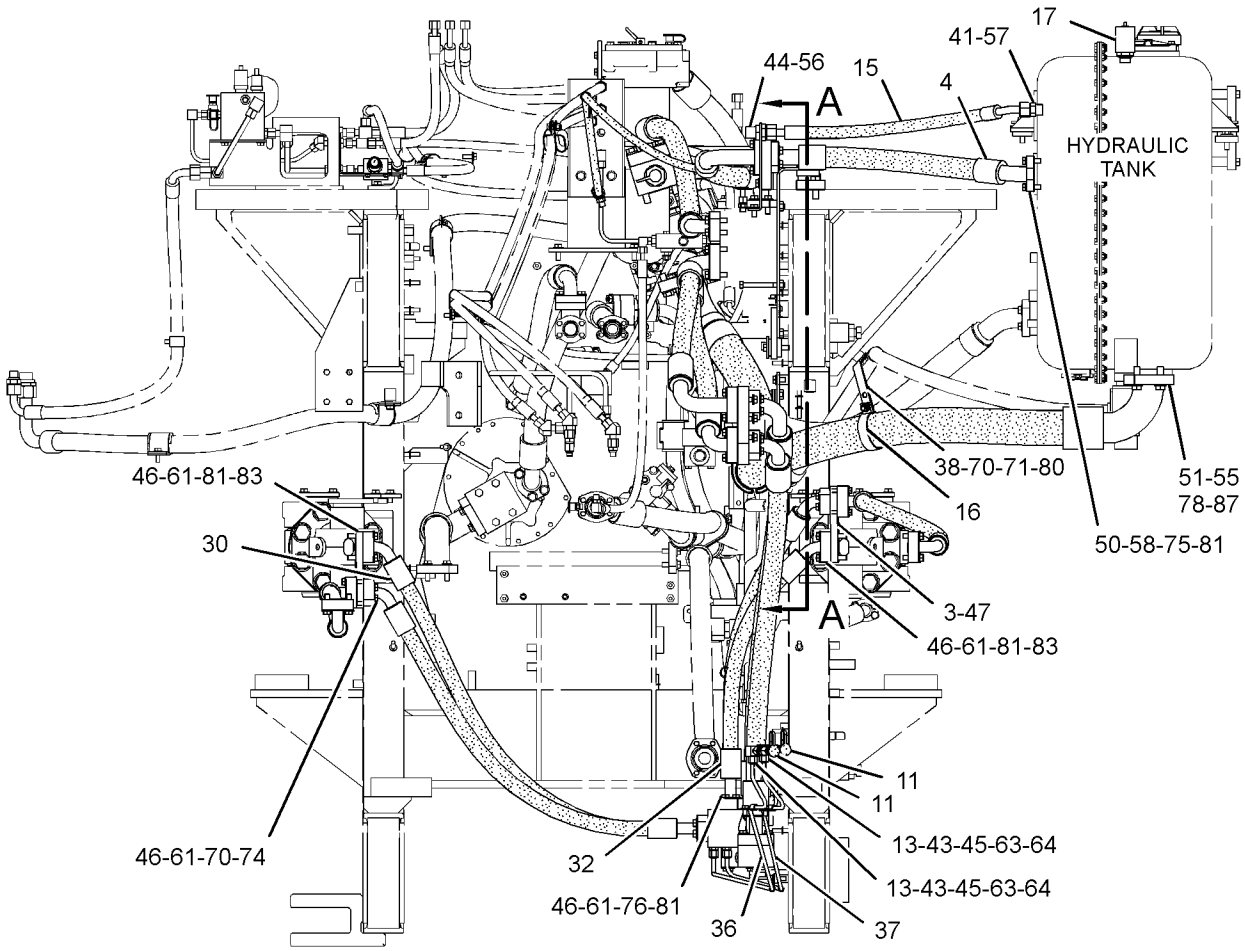
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART

229-7345 **LINES GP-STEERING (**contd.**)** **i04557150**

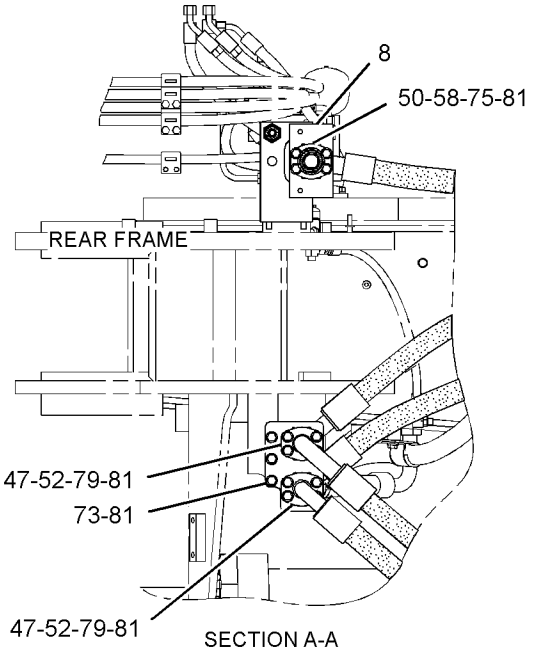


GRAPHIC #1 g02765338

229-7345 **LINES GP-STEERING (**contd.**)** **i04557150**



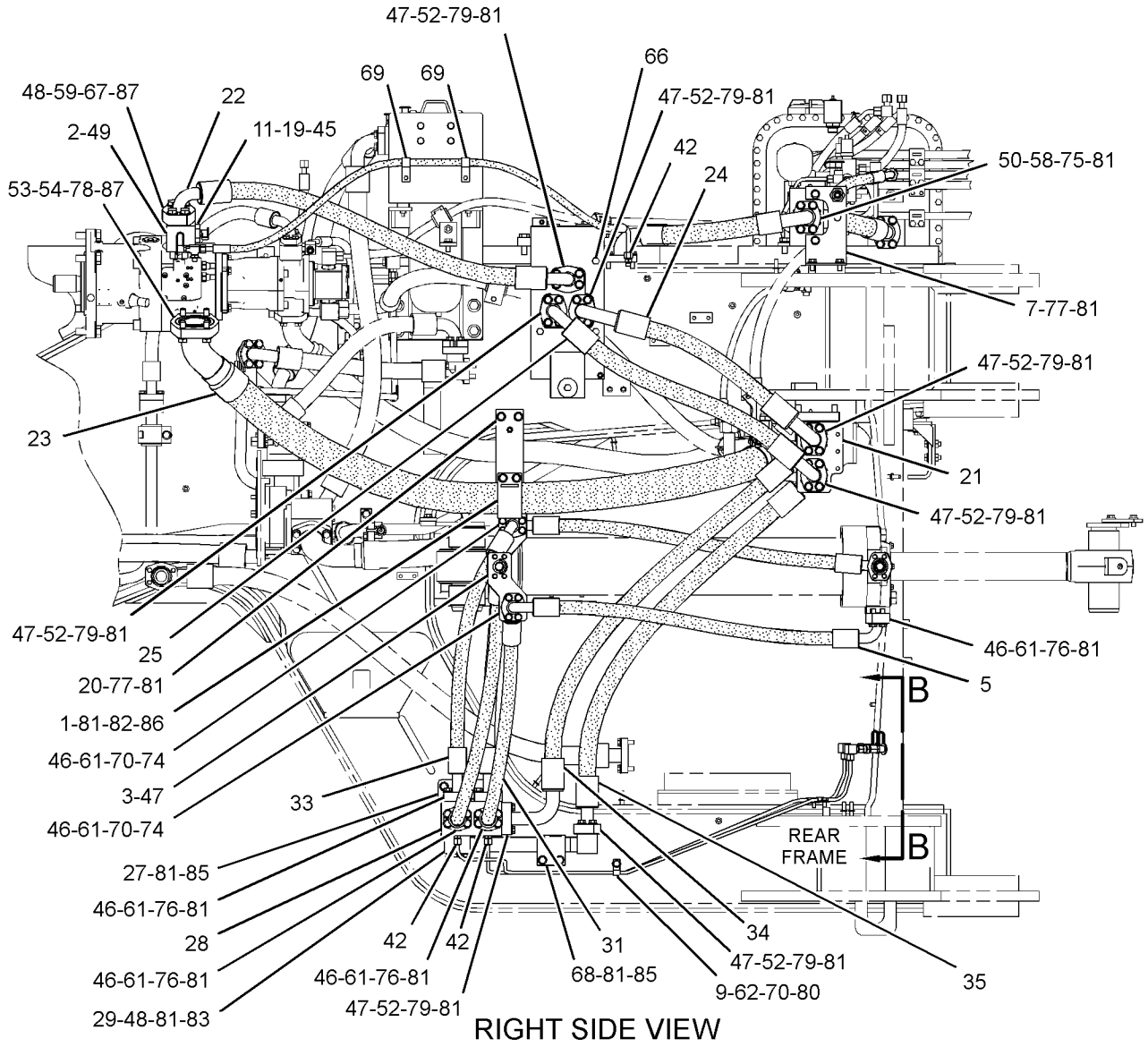
FRONT VIEW



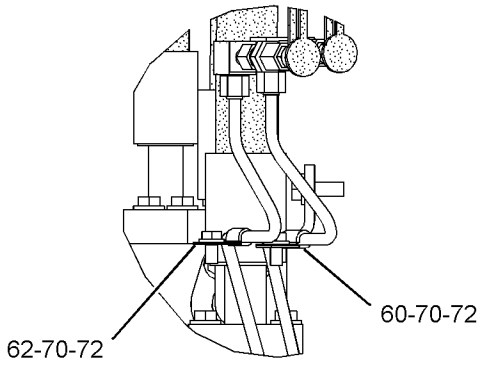
SECTION A-A

GRAPHIC #2 g02765341

229-7345 **LINES GP-STEERING (**contd.**)** **i04557150**



RIGHT SIDE VIEW



VIEW B-B

GRAPHIC #3 <END> g02765343

353-6157 LINES GP-STEERING

S/N: BTW193-237

PART OF 230-3277 HYDRAULIC AR

SMCS-4304 **i03949430**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**313-5104**	1	SWITCH AS-PRESSURE (SECONDARY STEERING OIL)	
		2	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		2	**3E-3371**	1	WEDGE-RECEPTACLE LOCK (3-PIN)	
E		2	**8T-8729**		PIN-CONNECTOR (16-GA TO 18-GA)	
		2	**9X-1813**	1	SLEEVE (25-CM)	
	2	2	**4E-7789**	2	CLAMP-HALF	
	3	1	**4E-8872**	1	MANIFOLD	
	4	1,2	**4E-8874**	2	MANIFOLD	
I	5	1	**4E-8877**	1	HOSE AS	
I	6	1	**4E-8878**	1	HOSE AS	
I	7	1	**4E-8879**	1	HOSE AS	
I	8	1	**4E-9541**	1	HOSE AS	
	9	2	**4E-9623**	1	BRACKET	
	10	2	**4E-9624**	1	BAR	
	11	1	**5H-4744**	1	SPACER (7/16-IN THK)	
	12	1,2	**6V-0852**	5	CAP-DUST	
	13	2	**7T-8331**	3	MOUNT AS	
	14	1	**8T-9358**	2	CONNECTOR	
	15	2	**9U-0190**	1	BAR	
I	16	1	**9U-3863**	1	HOSE AS	
	17	2	**101-2877**	1	TUBE AS	
YR	18	2	**101-4007**	1	PUMP GP-GEAR (SECONDARY STEERING)	1153
	19	2	**109-1638**	1	CLIP	
	20	1	**133-1963**	1	VALVE-BREAKER RELIEF	
	21	2	**140-2978**	1	BRACKET AS	
M		2	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	22	1	*148-8443*	1	TEE AS	
		1	**3J-1907**	1	SEAL-O-RING	
		1	**6V-8397**	1	SEAL-O-RING	
		1	**7X-2459**	1	ADAPTER-TEE	
	23	2	**151-2823**	1	ADAPTER	
	24	1	*164-5602*	1	PLUG AS	
		1	**2S-4078**	1	SEAL-O-RING	
		1	**8J-5914**	1	PLUG	
	25	2	**202-0662**	1	PLATE AS	
M		2	**8T-3597**	1	NUT-WELD (M12X1.75-THD)	
I	26	2	**220-5676**	1	HOSE AS	
	27	2	**229-7360**	1	PLATE	
I	28	1	**234-2806**	1	HOSE AS	
I	29	1	**234-2807**	1	HOSE AS	
I	30	1	**234-2808**	1	HOSE AS	
I	31	1	**234-2809**	1	HOSE AS	
I	32	1	**234-2810**	1	HOSE AS	
	33	2	**237-0332**	1	BRACKET	
I	34	2	**237-0333**	1	HOSE AS	
	35	1	**240-9577**	1	ANGLE	
	36	1	**240-9742**	1	MANIFOLD	

353-6157 **LINES GP-STEERING (**contd.**)** **i03949430**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	37	1	**240-9759**	1	TUBE AS	
I	38	1	**240-9910**	1	HOSE AS	
I	39	1	**240-9911**	1	HOSE AS	
I	40	1	**241-0104**	1	HOSE AS	
I	41	1	**241-0153**	1	HOSE AS	
I	42	1	**241-2810**	1	HOSE AS	
I	43	1	**241-2932**	1	HOSE AS	
	44	1	**241-5832**	1	TUBE AS	
	45	1	**241-5833**	1	TUBE AS	
	46	2	**241-5836**	1	BRACKET	
	47	2	**252-2336**	1	BRACKET AS	
M		2	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
M		2	**8T-3597**	4	NUT-WELD (M12X1.75-THD)	
I	48	2	**278-9573**	1	HOSE AS	
Y	49	2	**301-4608**	1	VALVE GP-STEERING (WITH SECONDARY STEERING)	1185
I	50	1	**104-9581**	1	HOSE AS	
I	51	2	**131-3438**	1	HOSE AS	
	52	2	*148-8307*	1	ADAPTER AS	
		2	**3J-1907**	1	SEAL-O-RING	
		2	**5P-8874**	1	ADAPTER	
	53	1	*148-8327*	1	CONNECTOR AS	
		1	**3D-2824**	1	SEAL-O-RING	
		1	**6V-8637**	1	CONNECTOR	
		1	**6V-9746**	1	SEAL-O-RING	
	54	1,2	*148-8336*	3	CONNECTOR AS	
					(EACH INCLUDES)	
		1,2	**3J-1907**	1	SEAL-O-RING	
		1,2	**6V-8397**	1	SEAL-O-RING	
		1,2	**6V-8636**	1	CONNECTOR	
	55	2	*148-8364*	1	ELBOW AS	
		2	**3K-0360**	1	SEAL-O-RING	
		2	**6V-8398**	1	SEAL-O-RING	
		2	**6V-8625**	1	ELBOW	
	56	1	*148-8367*	2	ELBOW AS	
					(EACH INCLUDES)	
		1	**6V-8397**	1	SEAL-O-RING	
		1	**6V-9850**	1	ELBOW	
	57	2	*148-8378*	2	ELBOW AS	
					(EACH INCLUDES)	
		2	**3J-1907**	1	SEAL-O-RING	
		2	**6V-8397**	1	SEAL-O-RING	
		2	**6V-8724**	1	ELBOW	
	58	2	*148-8455*	1	UNION AS	
		2	**6V-8997**	1	UNION	
		2	**6V-9746**	2	SEAL-O-RING	
	59	2	*150-3036*	1	ELBOW AS	
		2	**3J-1907**	1	SEAL-O-RING	
		2	**6V-8397**	1	SEAL-O-RING	
		2	**8T-1905**	1	ELBOW	
	60	2	*150-3065*	1	ELBOW AS	
		2	**3J-1907**	1	SEAL-O-RING	

353-6157 **LINES GP-STEERING** (contd.) **i03949430**

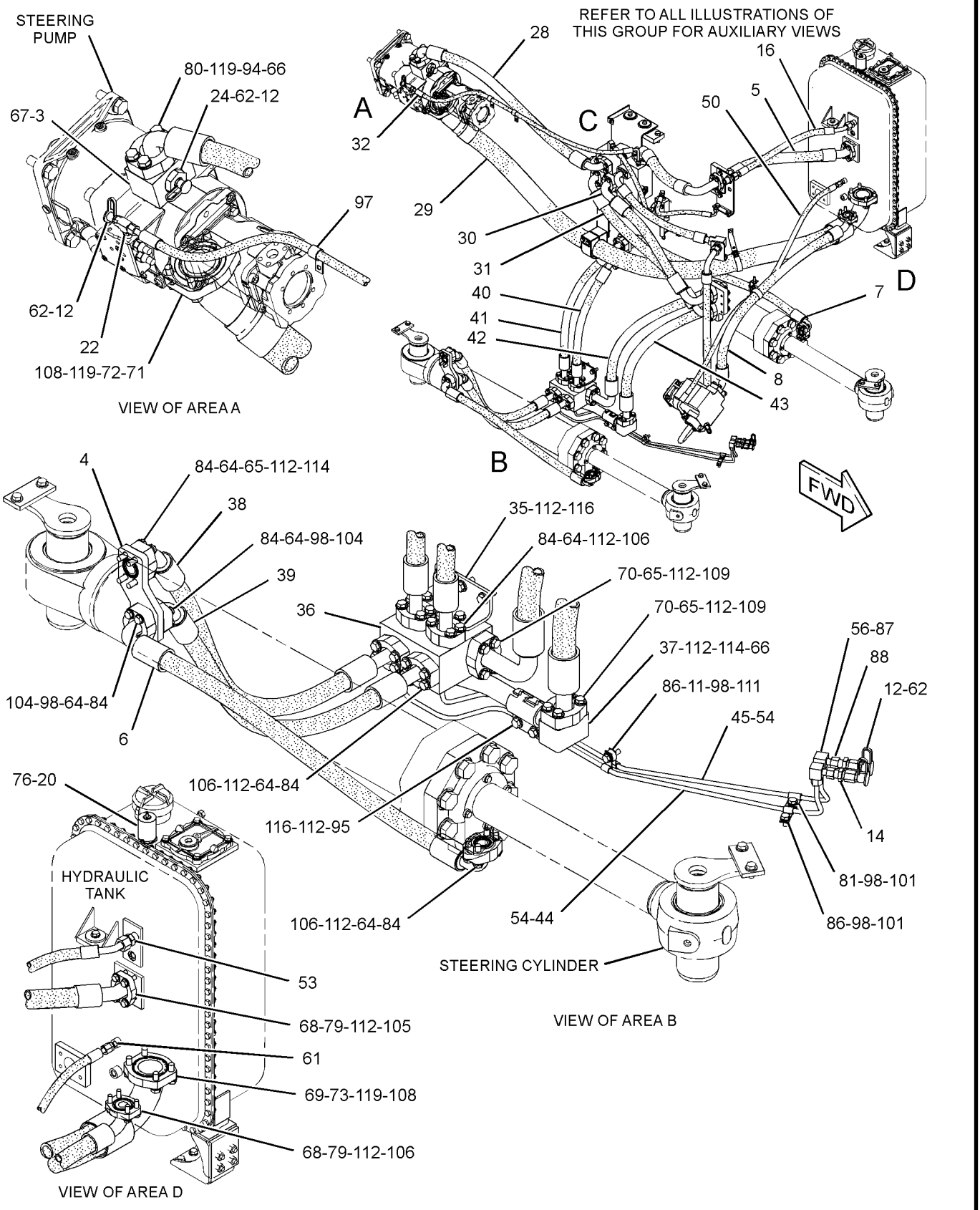
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		2	**6V-0484**	1	ELBOW	
	61	1	*150-4043*	1	CONNECTOR AS	
		1	**3J-1907**	1	SEAL-O-RING	
		1	**6V-8398**	1	SEAL-O-RING	
		1	**6V-9873**	1	CONNECTOR	
	62	1,2	*164-5567*	5	COUPLER AS-QUICK DISCONNECT (MALE)	
					(EACH INCLUDES)	
		1,2	**6V-3965**	1	FITTING (QUICK DISCONNECT)	
		1,2	**214-7568**	1	SEAL-O-RING	
	63	2	*164-5577*	1	ELBOW AS	
		2	**5K-9090**	2	SEAL-O-RING	
		2	**6V-8984**	1	ELBOW	
	64	1,2	**1P-3703**	13	SEAL-RECTANGULAR	
	65	1,2	**1P-3704**	11	SEAL-RECTANGULAR	
	66	1	**1P-3705**	2	SEAL-RECTANGULAR	
	67	1	**1P-3706**	1	SEAL-RECTANGULAR	
	68	1,2	**1P-4579**	12	FLANGE-HALF	
	69	1	**1P-4585**	2	FLANGE-HALF	
	70	1,2	**1P-5767**	18	FLANGE-HALF	
	71	1	**1P-7016**	2	FLANGE-HALF	
	72	1	**2H-3934**	1	SEAL-O-RING	
	73	1	**2H-6338**	1	SEAL-O-RING	
	74	2	**2N-7007**	1	GASKET	
	75	2	**2P-1293**	1	LOCKNUT (1-3/16-12-THD)	
	76	1	**3D-2824**	1	SEAL-O-RING	
	77	2	**3K-0360**	1	SEAL-O-RING	
	78	2	**4J-0520**	3	SEAL-O-RING	
	79	1,2	**4J-0524**	6	SEAL-O-RING	
	80	1	**5P-8077**	2	FLANGE-HALF	
	81	1	**5P-9297**	1	CLIP	
I	82	2	**6C-4493**	1	HOSE AS	
Y	83	2	**6E-5566**	1	VALVE GP-SELECTOR & PRESS CONT (SECONDARY STEERING)	1183
	84	1,2	**6V-0400**	24	FLANGE-HALF	
	85	2	**6V-1228**	1	CLIP	
	86	1	**6V-3265**	3	CLIP	
	87	1,2	**6V-8397**	3	SEAL-O-RING	
	88	1	**6V-9168**	2	NUT (11/16-16-THD)	
	89	2	**6V-9172**	1	NUT (1-7/16-12-THD)	
	90	2	**7D-1553**	1	CLIP	
	91	2	**7G-8839**	3	SPACER (13.5X57X6-MM THK)	
	92	2	**7X-0599**	4	WASHER-HARD (13X20X2-MM THK)	
M	93	2	**7X-2550**	3	BOLT (M12X1.75X110-MM)	
M	94	1	**7X-2557**	4	BOLT (M16X2X140-MM)	
	95	1	**7Y-4038**	2	CLAMP-HALF	
	96	2	**8C-3206**	2	FLANGE-HALF	
	97	1	**8S-0948**	2	CLIP	
	98	1,2	**8T-4121**	31	WASHER-HARD (11X21X2.5-MM THK)	
M	99	2	**8T-4133**	1	NUT (M10X1.5-THD)	
M	100	2	**8T-4136**	2	BOLT (M10X1.5X25-MM)	
M	101	1	**8T-4137**	2	BOLT (M10X1.5X20-MM)	
M	102	2	**8T-4139**	3	BOLT (M12X1.75X30-MM)	

353-6157 **LINES GP-STEERING (**contd.**)** **i03949430**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	103	2	**8T-4172**	4	BOLT (M10X1.5X80-MM)	
M	104	1,2	**8T-4182**	16	BOLT (M10X1.5X45-MM)	
M	105	1,2	**8T-4183**	16	BOLT (M12X1.75X40-MM)	
M	106	1,2	**8T-4184**	32	BOLT (M12X1.75X45-MM)	
M	107	2	**8T-4192**	6	BOLT (M12X1.75X25-MM)	
M	108	1,2	**8T-4193**	10	BOLT (M16X2X50-MM)	
M	109	1,2	**8T-4194**	36	BOLT (M12X1.75X50-MM)	
M	110	2	**8T-4195**	2	BOLT (M10X1.5X30-MM)	
M	111	1,2	**8T-4196**	2	BOLT (M10X1.5X35-MM)	
	112	1,2	**8T-4223**	115	WASHER-HARD (13.5X25.5X3-MM THK)	
M	113	2	**8T-4244**	6	NUT (M12X1.75-THD)	
M	114	1,2	**8T-4648**	12	BOLT (M12X1.75X70-MM)	
M	115	2	**8T-4910**	3	BOLT (M12X1.75X60-MM)	
M	116	1	**8T-4956**	8	BOLT (M12X1.75X35-MM)	
M	117	2	**8T-5092**	2	BOLT (M12X1.75X150-MM)	
M	118	2	**8T-6466**	6	BOLT (M10X1.5X60-MM)	
	119	1	**9X-8257**	12	WASHER (17.5X30X3.5-MM THK)	

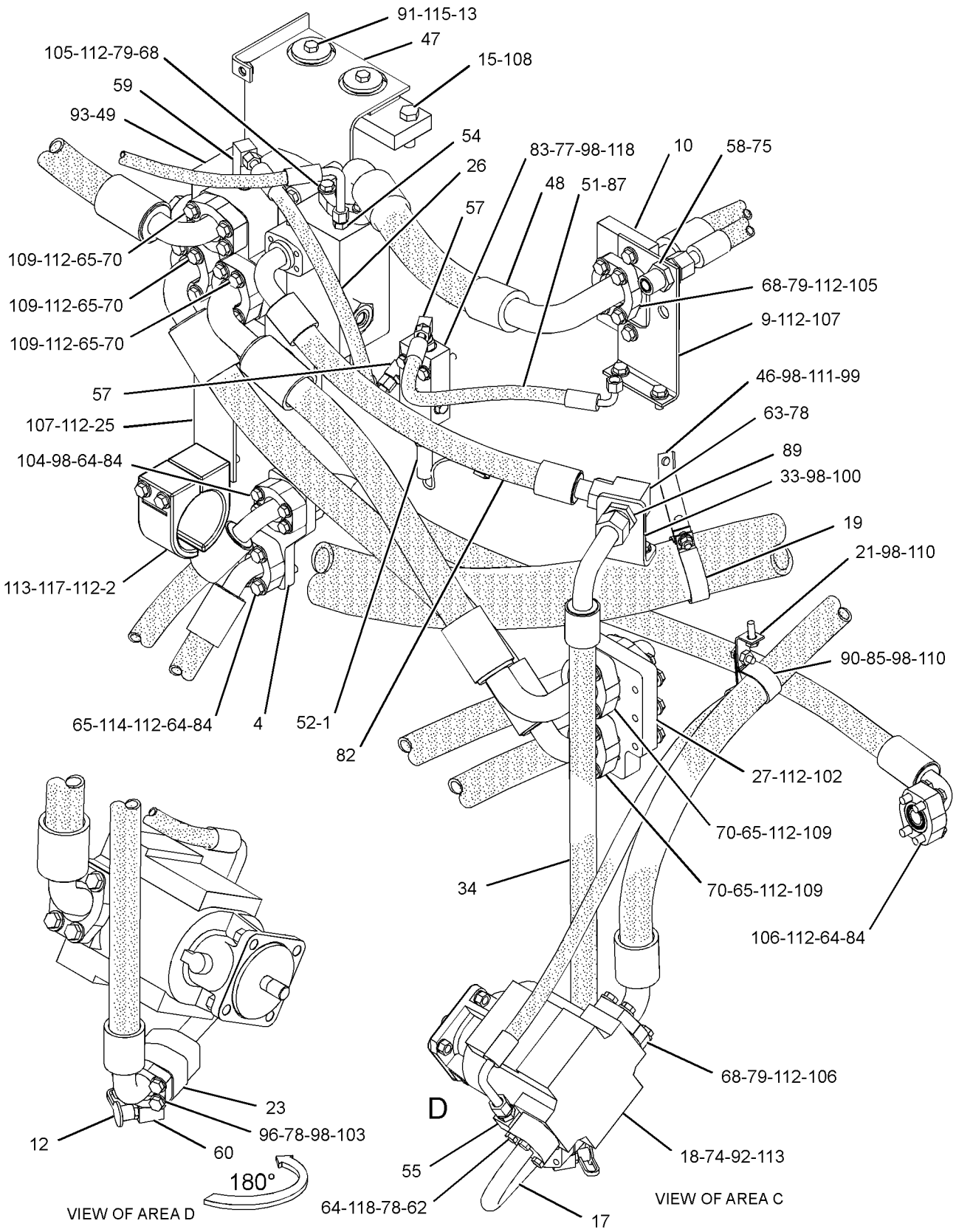
E - ORDER BY THE CENTIMETER
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART
R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

353-6157 **LINES GP-STEERING** (contd.) **i03949430**



GRAPHIC #1 g03004520

353-6157 **LINES GP-STEERING (**contd.**)** **i03949430**



GRAPHIC #2 <END> g03004528

353-6157 LINES GP-STEERING

S/N: BTW238-UP

PART OF 230-3277 HYDRAULIC AR

SMCS-4304 **i05333315**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**313-5104**	1	SWITCH AS-PRESSURE (SECONDARY STEERING OIL)	
		2	**102-8803**	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		2	**8T-8729**	3	PIN-CONNECTOR (16-GA TO 18-GA)	
E		2	**9X-1813**		SLEEVE (25-CM)	
	2	2	**4E-7789**	2	CLAMP-HALF	
	3	1	**4E-8872**	1	MANIFOLD	
	4	1,2	**4E-8874**	2	MANIFOLD	
I	5	1	**4E-8877**	1	HOSE AS	
I	6	1	**4E-8878**	1	HOSE AS	
I	7	1	**4E-8879**	1	HOSE AS	
I	8	1	**4E-9541**	1	HOSE AS	
	9	2	**4E-9623**	1	BRACKET	
	10	2	**4E-9624**	1	BAR	
	11	1	**5H-4744**	1	SPACER (7/16-IN THK)	
	12	1,2	**6V-0852**	5	CAP-DUST	
	13	2	**7T-8331**	3	MOUNT AS	
	14	1	**8T-9358**	2	CONNECTOR	
	15	2	**9U-0190**	1	BAR	
I	16	1	**9U-3863**	1	HOSE AS	
	17	2	**101-2877**	1	TUBE AS	
YR	18	2	**101-4007**	1	PUMP GP-GEAR (SECONDARY STEERING)	1153
	19	2	**109-1638**	1	CLIP	
C	21	2	**2W-7940**	1	BRACKET	
	22	1	*148-8443*	1	TEE AS	
		1	**3J-1907**	1	SEAL-O-RING	
		1	**6V-8397**	1	SEAL-O-RING	
		1	**7X-2459**	1	ADAPTER-TEE	
	23	2	**151-2823**	1	ADAPTER	
	24	1	*164-5602*	1	PLUG AS	
		1	**2S-4078**	1	SEAL-O-RING	
		1	**8J-5914**	1	PLUG	
	25	2	**202-0662**	1	PLATE AS	
I	26	2	**220-5676**	1	HOSE AS	
	27	2	**229-7360**	1	PLATE	
I	28	1	**234-2806**	1	HOSE AS	
I	29	1	**234-2807**	1	HOSE AS	
I	30	1	**234-2808**	1	HOSE AS	
I	31	1	**234-2809**	1	HOSE AS	
I	32	1	**234-2810**	1	HOSE AS	
	33	2	**237-0332**	1	BRACKET	
I	34	2	**237-0333**	1	HOSE AS	
	35	1	**240-9577**	1	ANGLE	
	36	1	**240-9742**	1	MANIFOLD	
	37	1	**240-9759**	1	TUBE AS	
I	38	1	**240-9910**	1	HOSE AS	
I	39	1	**240-9911**	1	HOSE AS	
I	40	1	**241-0104**	1	HOSE AS	

353-6157 **LINES GP-STEERING (**contd.**)** **i05333315**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
I	41	1	**241-0153**	1	HOSE AS	
I	42	1	**241-2810**	1	HOSE AS	
I	43	1	**241-2932**	1	HOSE AS	
	44	1	**241-5832**	1	TUBE AS	
	45	1	**241-5833**	1	TUBE AS	
	46	2	**241-5836**	1	BRACKET	
	47	2	**252-2336**	1	BRACKET AS	
M		2	**8T-3597**	4	NUT-WELD (M12X1.75-THD)	
I	48	2	**278-9573**	1	HOSE AS	
Y	49	2	**301-4608**	1	VALVE GP-STEERING (WITH SECONDARY STEERING)	1185
I	50	1	**104-9581**	1	HOSE AS	
I	51	2	**131-3438**	1	HOSE AS	
	52	2	*148-8307*	1	ADAPTER AS	
		2	**3J-1907**	1	SEAL-O-RING	
		2	**5P-8874**	1	ADAPTER	
	53	1	*148-8327*	1	CONNECTOR AS	
		1	**3D-2824**	1	SEAL-O-RING	
		1	**6V-8637**	1	CONNECTOR	
		1	**6V-9746**	1	SEAL-O-RING	
	54	1,2	*148-8336*	3	CONNECTOR AS	
					(EACH INCLUDES)	
		1,2	**3J-1907**	1	SEAL-O-RING	
		1,2	**6V-8397**	1	SEAL-O-RING	
		1,2	**6V-8636**	1	CONNECTOR	
	55	2	*148-8364*	1	ELBOW AS	
		2	**3K-0360**	1	SEAL-O-RING	
		2	**6V-8398**	1	SEAL-O-RING	
		2	**6V-8625**	1	ELBOW	
	56	1	*148-8367*	2	ELBOW AS	
					(EACH INCLUDES)	
		1	**6V-8397**	1	SEAL-O-RING	
		1	**6V-9850**	1	ELBOW	
	57	2	*148-8378*	2	ELBOW AS	
					(EACH INCLUDES)	
		2	**3J-1907**	1	SEAL-O-RING	
		2	**6V-8397**	1	SEAL-O-RING	
		2	**6V-8724**	1	ELBOW	
	58	2	*148-8455*	1	UNION AS	
		2	**6V-8997**	1	UNION	
		2	**6V-9746**	2	SEAL-O-RING	
	59	2	*150-3036*	1	ELBOW AS	
		2	**3J-1907**	1	SEAL-O-RING	
		2	**6V-8397**	1	SEAL-O-RING	
		2	**8T-1905**	1	ELBOW	
	60	2	*150-3065*	1	ELBOW AS	
		2	**3J-1907**	1	SEAL-O-RING	
		2	**6V-0484**	1	ELBOW	
	61	1	*150-4043*	1	CONNECTOR AS	
		1	**3J-1907**	1	SEAL-O-RING	
		1	**6V-8398**	1	SEAL-O-RING	
		1	**6V-9873**	1	CONNECTOR	

353-6157 **LINES GP-STEERING** (contd.) **i05333315**

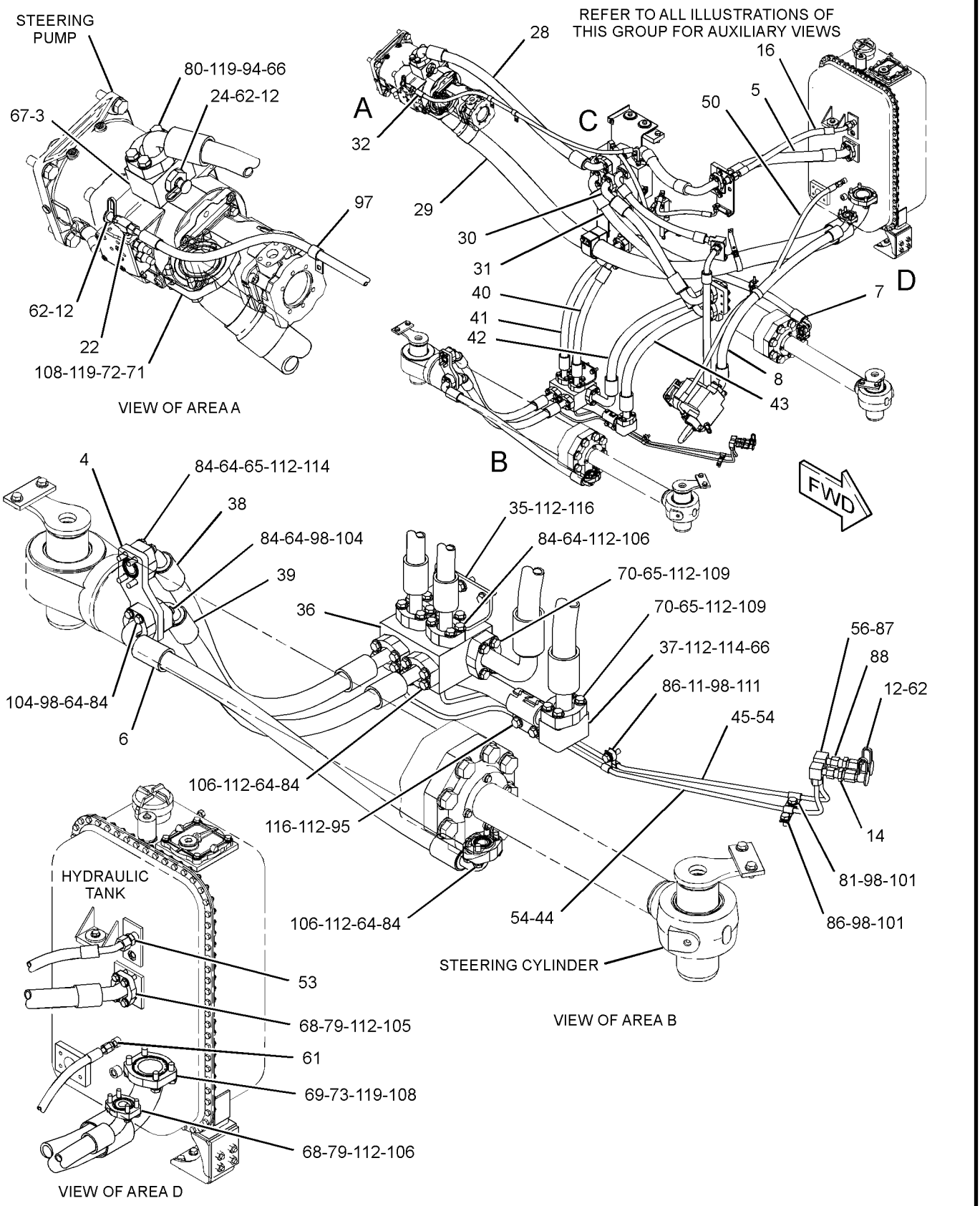
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	62	1,2	*164-5567*	5	COUPLER AS-QUICK DISCONNECT (MALE)	
					(EACH INCLUDES)	
		1,2	**6V-3965**	1	FITTING (QUICK DISCONNECT)	
		1,2	**214-7568**	1	SEAL-O-RING	
	63	2	*164-5577*	1	ELBOW AS	
		2	**5K-9090**	2	SEAL-O-RING	
		2	**6V-8984**	1	ELBOW	
	64	1,2	**1P-3703**	13	SEAL-RECTANGULAR	
	65	1,2	**1P-3704**	11	SEAL-RECTANGULAR	
	66	1	**1P-3705**	2	SEAL-RECTANGULAR	
	67	1	**1P-3706**	1	SEAL-RECTANGULAR	
	68	1,2	**1P-4579**	12	FLANGE-HALF	
	69	1	**1P-4585**	2	FLANGE-HALF	
	70	1,2	**1P-5767**	18	FLANGE-HALF	
	71	1	**1P-7016**	2	FLANGE-HALF	
	72	1	**2H-3934**	1	SEAL-O-RING	
	73	1	**2H-6338**	1	SEAL-O-RING	
	74	2	**2N-7007**	1	GASKET	
	75	2	**2P-1293**	1	LOCKNUT (1-3/16-12-THD)	
	77	2	**3K-0360**	1	SEAL-O-RING	
	78	2	**4J-0520**	3	SEAL-O-RING	
	79	1,2	**4J-0524**	6	SEAL-O-RING	
	80	1	**5P-8077**	2	FLANGE-HALF	
	81	1	**5P-9297**	1	CLIP	
CI	82	2	**386-2742**	1	HOSE AS	
Y	83	2	**6E-5566**	1	VALVE GP-SELECTOR & PRESS CONT (SECONDARY STEERING)	1183
	84	1,2	**6V-0400**	24	FLANGE-HALF	
	85	2	**6V-1228**	1	CLIP	
	86	1	**6V-3265**	3	CLIP	
	87	1,2	**6V-8397**	3	SEAL-O-RING	
	88	1	**6V-9168**	2	NUT (11/16-16-THD)	
	89	2	**6V-9172**	1	NUT (1-7/16-12-THD)	
	90	2	**7D-1553**	1	CLIP	
	91	2	**7G-8839**	3	SPACER (13.5X57X6-MM THK)	
	92	2	**7X-0599**	4	WASHER-HARD (13X20X2-MM THK)	
M	93	2	**7X-2550**	3	BOLT (M12X1.75X110-MM)	
M	94	1	**7X-2557**	4	BOLT (M16X2X140-MM)	
	95	1	**7Y-4038**	2	CLAMP-HALF	
	96	2	**8C-3206**	2	FLANGE-HALF	
	97	1	**8S-0948**	2	CLIP	
C	98	1,2	**8T-4121**	32	WASHER-HARD (11X21X2.5-MM THK)	
CM	99	2	**8T-4133**	2	NUT (M10X1.5-THD)	
M	100	2	**8T-4136**	2	BOLT (M10X1.5X25-MM)	
M	101	1	**8T-4137**	2	BOLT (M10X1.5X20-MM)	
M	102	2	**8T-4139**	3	BOLT (M12X1.75X30-MM)	
M	103	2	**8T-4172**	4	BOLT (M10X1.5X80-MM)	
M	104	1,2	**8T-4182**	16	BOLT (M10X1.5X45-MM)	
M	105	1,2	**8T-4183**	16	BOLT (M12X1.75X40-MM)	
M	106	1,2	**8T-4184**	32	BOLT (M12X1.75X45-MM)	
M	107	2	**8T-4192**	6	BOLT (M12X1.75X25-MM)	
M	108	1,2	**8T-4193**	10	BOLT (M16X2X50-MM)	

353-6157 **LINES GP-STEERING (**contd.**)** **i05333315**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	109	1,2	**8T-4194**	36	BOLT (M12X1.75X50-MM)	
CM	110	2	**8T-4195**	1	BOLT (M10X1.5X30-MM)	
M	111	1,2	**8T-4196**	2	BOLT (M10X1.5X35-MM)	
	112	1,2	**8T-4223**	115	WASHER-HARD (13.5X25.5X3-MM THK)	
M	113	2	**8T-4244**	6	NUT (M12X1.75-THD)	
M	114	1,2	**8T-4648**	12	BOLT (M12X1.75X70-MM)	
M	115	2	**8T-4910**	3	BOLT (M12X1.75X60-MM)	
M	116	1	**8T-4956**	8	BOLT (M12X1.75X35-MM)	
M	117	2	**8T-5092**	2	BOLT (M12X1.75X150-MM)	
M	118	2	**8T-6466**	6	BOLT (M10X1.5X60-MM)	
	119	1	**9X-8257**	12	WASHER (17.5X30X3.5-MM THK)	
CM	120	2	**8T-4185**	1	BOLT (M10X1.5X50-MM)	
C	121	2	**2B-0941**	1	SPACER (10.5X19X19-MM THK)	

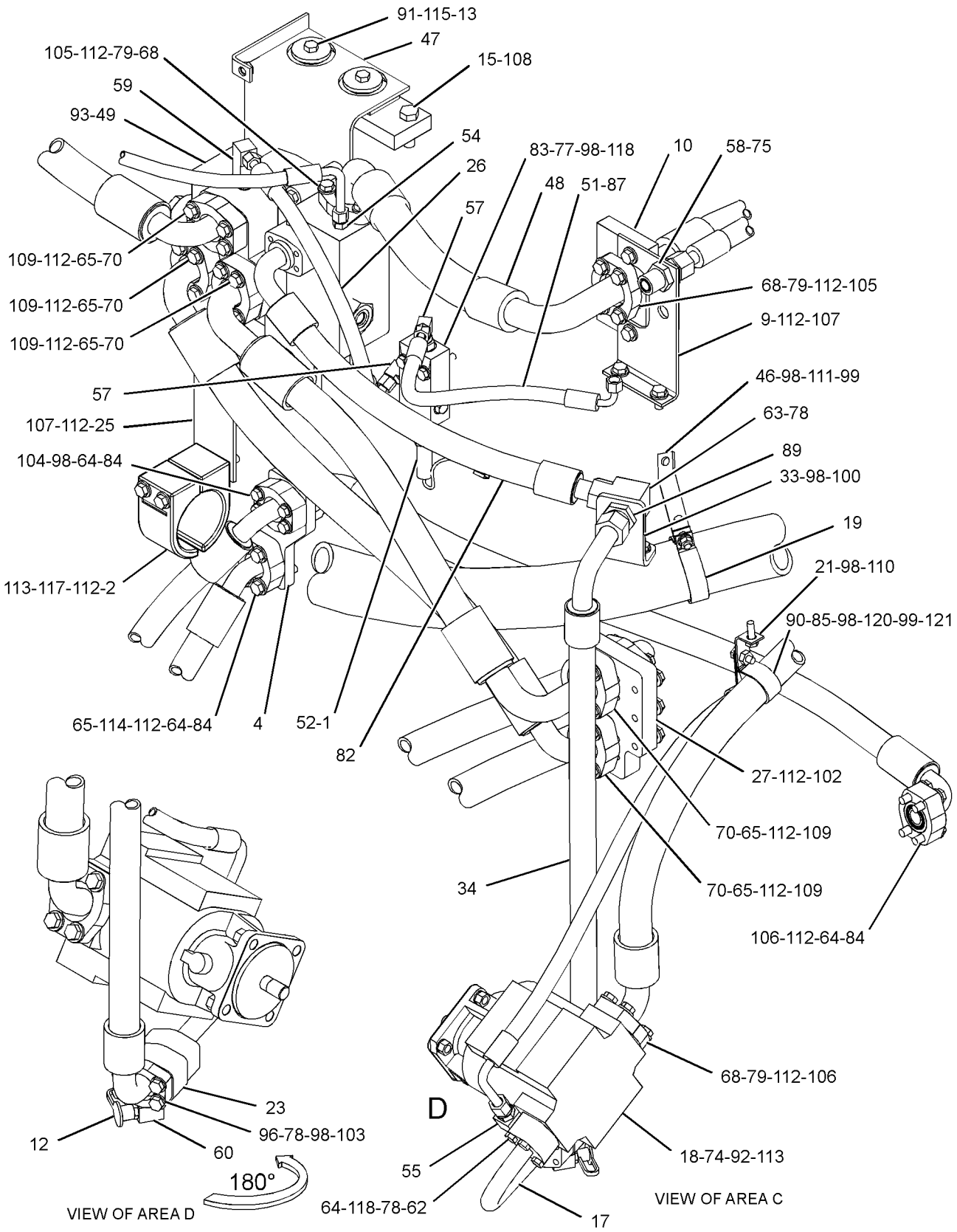
C - CHANGE FROM PREVIOUS TYPE
E - ORDER BY THE CENTIMETER
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART
R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION

353-6157 **LINES GP-STEERING** (contd.) **i05333315**



GRAPHIC #1 g03695747

353-6157 **LINES GP-STEERING (**contd.**)** **i05333315**



GRAPHIC #2 <END> g03695748

229-7343 PUMP & MTG GP-STEERING & FAN

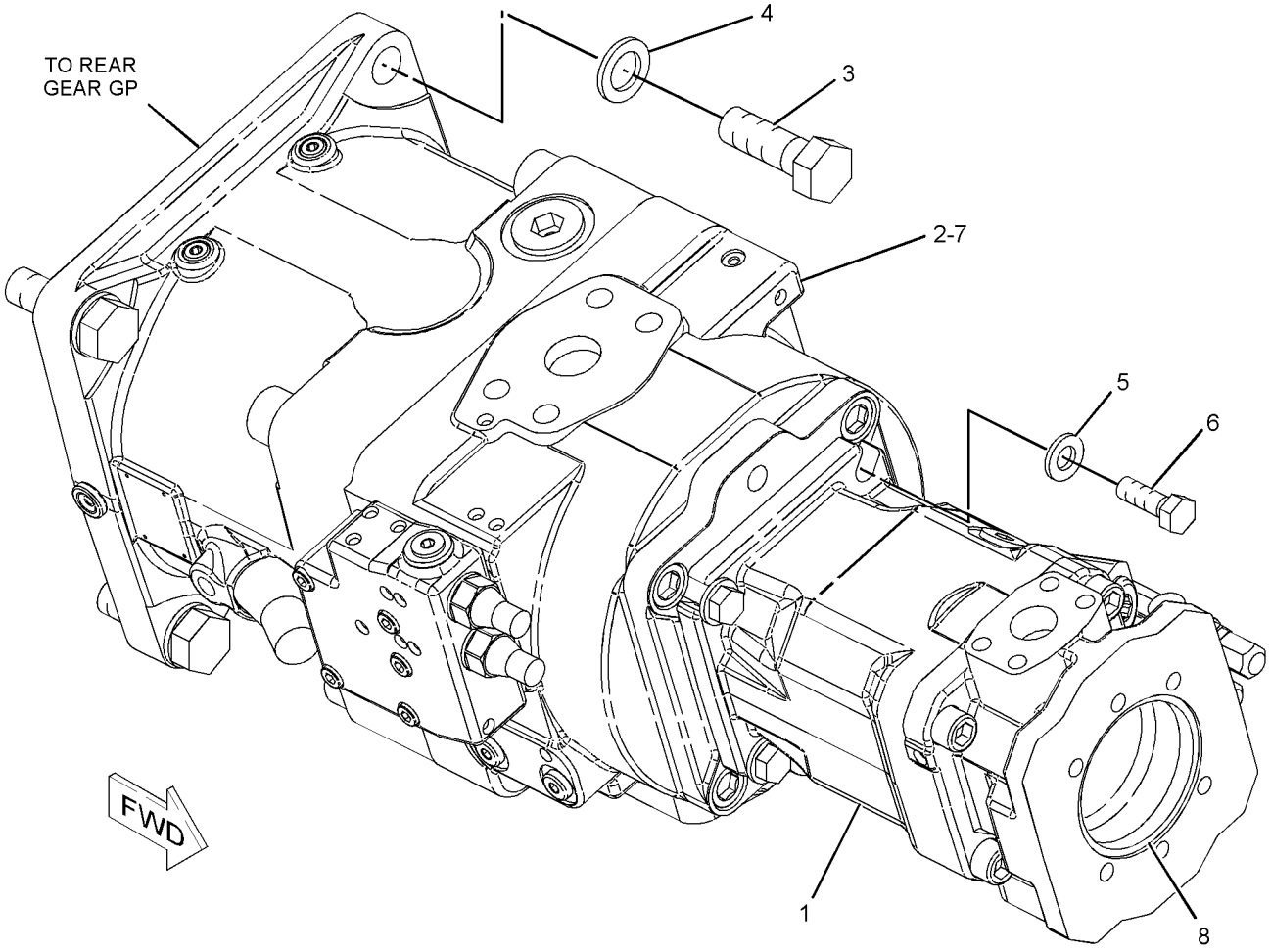
S/N: BTW1-UP

PART OF 230-3277 HYDRAULIC AR, 367-5645 PUMP & MTG GP-STEERING & FAN

SMCS-1387, 4306 **i04765531**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
YR	1	1	**229-0099**	1	PUMP GP-PISTON (HYD FAN; STD, MID RANGE TEMP)	1068
YR	2	1	**229-8604**	1	PUMP GP-PISTON (STEERING)	1155
M	3	1	**7X-2563**	4	BOLT (M20X2.5X60-MM)	
	4	1	**8T-4123**	4	WASHER (3.62X5.75X0.375-MM THK)	
	5	1	**8T-4223**	4	WASHER-HARD (13.5X25.5X3-MM THK)	
M	6	1	**8T-4956**	4	BOLT (M12X1.75X35-MM)	
	7	1	**8T-7568**	1	SEAL-O-RING	
	8	1	**177-0344**	1	SEAL-O-RING	

M - METRIC PART
R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g02913738

367-5645 PUMP & MTG GP-STEERING & FAN

S/N: BTW1-UP

CANNOT BE USED WITH 367-5650—PAGE: 1151

SMCS-1387, 4306 **i04541429**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*229-7343*	1	PUMP & MTG GP-STEERING & FAN	1150

Y - SEPARATE ILLUSTRATION

<END>

367-5650 PUMP & MTG GP-STEERING & FAN

S/N: BTW1-UP

CANNOT BE USED WITH 367-5645—PAGE: 1151

PART OF 353-4334, 430-5430 OPTION AR-CONVERSION

SMCS-1387, 4306 **i04541338**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*367-5651*	1	PUMP & MTG GP-STEERING & FAN	1152

Y - SEPARATE ILLUSTRATION

<END>

367-5651 PUMP & MTG GP-STEERING & FAN

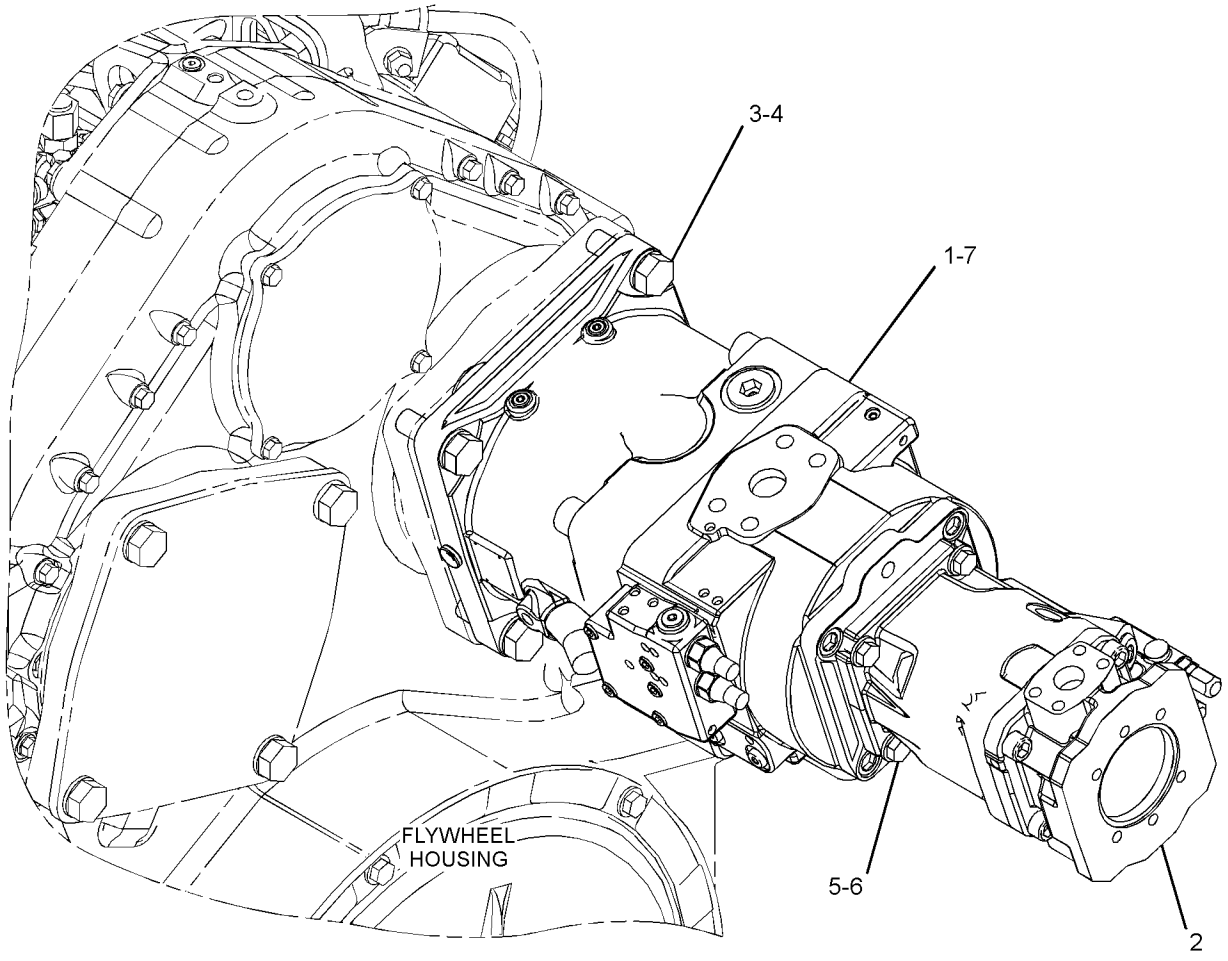
S/N: BTW1-UP

PART OF 367-5650 PUMP & MTG GP-STEERING & FAN

SMCS-1387, 4306 **i04541352**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
YR	1	1	**229-8604**	1	PUMP GP-PISTON (STEERING)	1155
YR	2	1	**235-0843**	1	PUMP GP-PISTON (HYD FAN, HIGH AMBIENT TEMP)	1070
M	3	1	**7X-2563**	4	BOLT (M20X2.5X60-MM)	
	4	1	**8T-4123**	4	WASHER (3.62X5.75X0.375-MM THK)	
	5	1	**8T-4223**	4	WASHER-HARD (13.5X25.5X3-MM THK)	
M	6	1	**8T-4956**	4	BOLT (M12X1.75X35-MM)	
	7	1	**8T-7568**	1	SEAL-O-RING	

M - METRIC PART
R - REMANUFACTURED PART MAY BE AVAILABLE
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g02791416

101-4007 PUMP GP-GEAR—SECONDARY STEERING*R

S/N: BTW1-UP

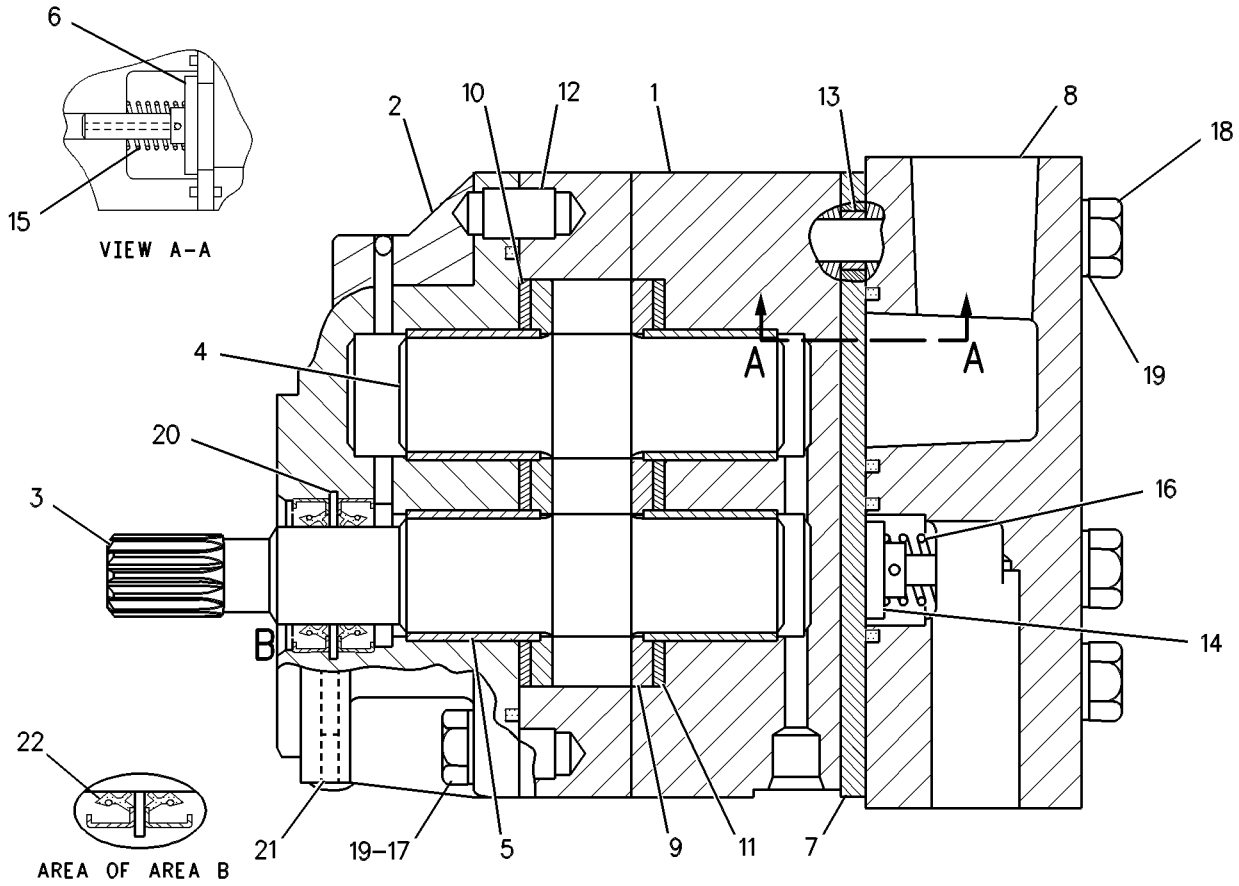
PART OF 229-7355 LINES GP-SECONDARY STEERING, 353-6157 LINES GP-STEERING

SMCS-4306, 5073

i06080865

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**107-2885**	1	BODY AS	
	2	1	**107-2894**	1	FLANGE AS	
	3	1	**107-2892**	1	SHAFT-DRIVE	
	4	1	**4T-8761**	1	GEAR-IDLER (8-TEETH)	
	5	1	**4T-9298**	4	BUSHING	
	6	1	**107-2887**	2	PISTON	
	7	1	**107-2886**	1	SPACER	
	8	1	**107-2890**	1	BODY-VALVE	
	9	1	**077-4639**	2	PLATE-ISOLATION	
	10	1	**077-4643**	2	PLATE-ISOLATION	
	11	1	**107-2884**	2	PLATE-ISOLATION	
	12	1	**6J-2386**	2	DOWEL	
	13	1	**107-2889**	2	SPACER (13X14.3X6.4-MM THK)	
	14	1	**107-2891**	2	PISTON	
	15	1	**107-2888**	2	SPRING	
	16	1	**107-2893**	2	SPRING	
	17	1	**0S-1595**	8	BOLT (1/2-13X1.25-IN)	
	18	1	**1B-2886**	6	BOLT (1/2-13X3.75-IN)	
	19	1	**5P-7213**	14	WASHER-HARD (13.5X20.5X2-MM THK)	
	20	1	**008-3214**	1	RING-RETAINING (INTERNAL)	
	21	1	**6E-2943**	1	PLUG	
	22	1	**8T-4657**	2	SEAL-LIP TYPE (22.22MM ID)	
					AVAILABLE REPAIR KIT(S):	
			107-2895	1	KIT-SEAL	

101-4007 **PUMP GP-GEAR (**contd.**)** **i06080865**



GRAPHIC #1 <END> g00368937

229-8604 PUMP GP-PISTON—STEERING*R

S/N: BTW1-UP

PART OF 229-7343, 367-5651 PUMP & MTG GP-STEERING & FAN

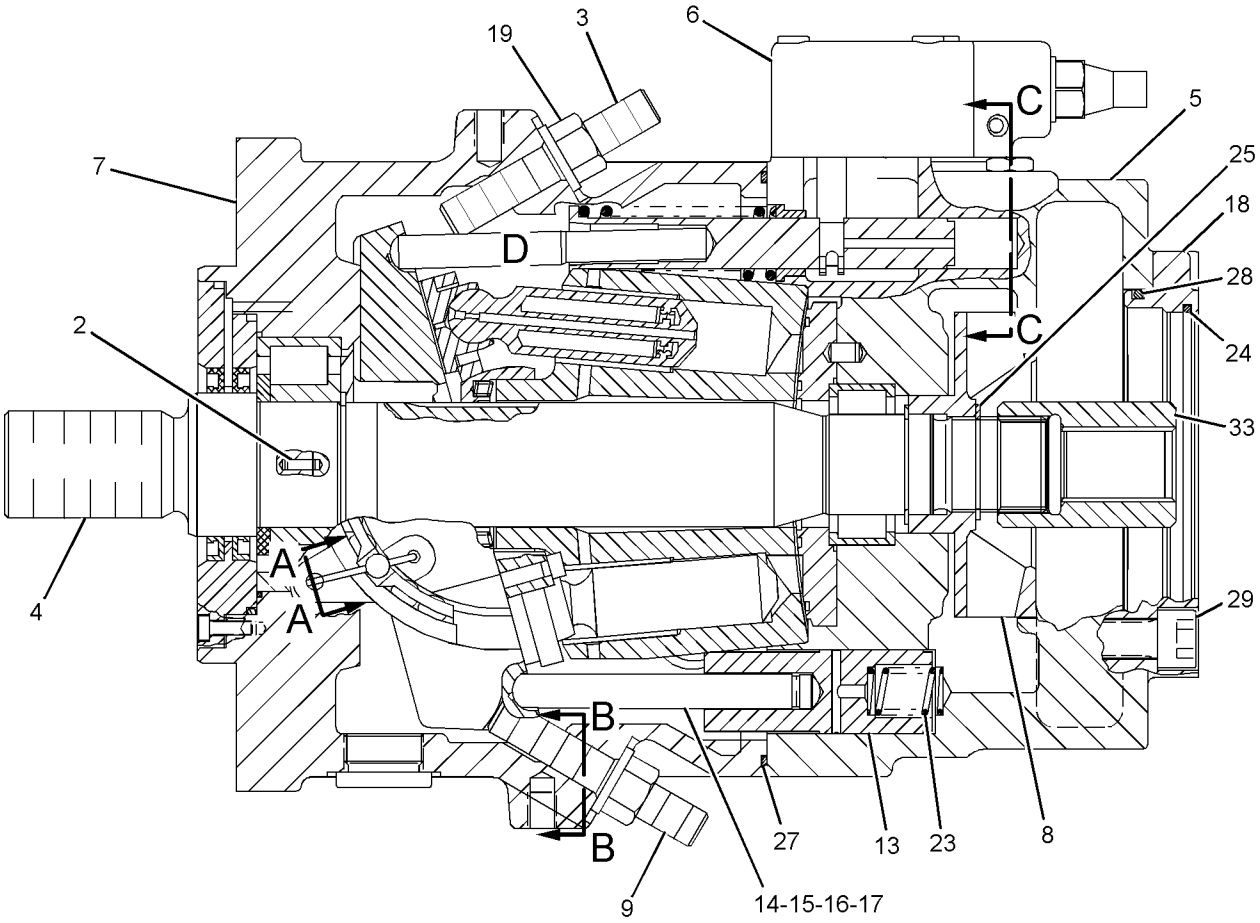
SMCS-4306, 5070

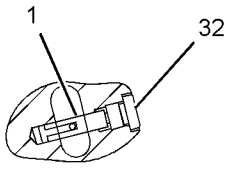
i02437886

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**117-5716**	4	PIN	
	2	1	**170-9900**	2	PIN	
	3	1	**145-3169**	1	PIN-THREADED	
Y	4	1	**236-1824**	1	ROTATING GP-PUMP	1157
Y	5	1	**178-4008**	1	HEAD GP-PUMP	1023
Y	6	1	**6E-1024**	1	VALVE GP-PUMP CONTROL (PRESSURE, FLOW COMPENSATOR)	1179
	7	1	**236-1878**	1	HOUSING	
	8	1	**178-4013**	1	IMPELLER	
	9	1	**241-6916**	1	PIN-THREADED	
	10	1	**179-6928**	1	PISTON	
	11	1	**145-3780**	1	ROD	
	12	1	**145-3783**	1	SLEEVE	
	13	1	**145-3791**	1	PISTON	
	14	1	**179-6933**	1	ROD (128.4-MM LG)	
	15	1	**145-3794**	1	ROD (127.8-MM LG)	
	16	1	**145-3793**	1	ROD (128-MM LG)	
	17	1	**145-3792**	1	ROD (128.2-MM LG)	
	18	1	**221-0358**	1	FLANGE	
	19	1	**145-3171**	2	LOCKNUT-SEAL	
M	20	1	**9X-2404**	4	BOLT-SOCKET HEAD (M20X2.5X90-MM)	
	21	1	**3J-1907**	1	SEAL-O-RING	
	22	1	**5I-4303**	1	SPRING	
	23	1	**5I-4306**	1	SPRING	
	24	1	**7J-6285**	1	SEAL-O-RING	
	25	1	**6V-5201**	2	RING-RETAINING	
	26	1	**7M-8485**	2	SEAL-O-RING	
	27	1	**8F-6230**	1	SEAL-O-RING	
	28	1	**2H-3935**	1	SEAL-O-RING	
M	29	1	**8T-4944**	4	BOLT-SOCKET HEAD (M16X2X40-MM)	
	30	1	**9S-8004**	1	PLUG (9/16-18-THD)	
	31	1	**9S-9334**	2	PLUG-O-RING	
	32	1	**9T-3928**	4	PLUG AS	
		1	**187-8001**	1	SEAL	
	33	1	**113-2658**	1	COUPLING	

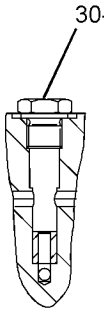
M - METRIC PART
Y - SEPARATE ILLUSTRATION

229-8604 **PUMP GP-PISTON (**contd.**)** **i02437886**

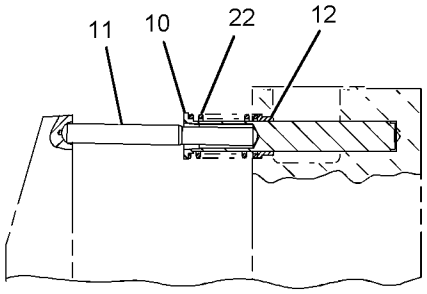




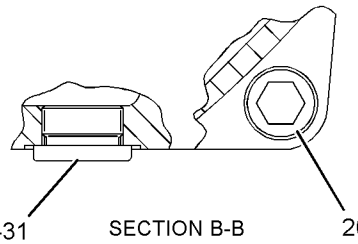
SECTION A-A



SECTION C-C



VIEW OF AREA D



SECTION B-B

GRAPHIC #1 <END> g01049919

236-1824 ROTATING GP-PUMP–IMPLEMENT, STEERING

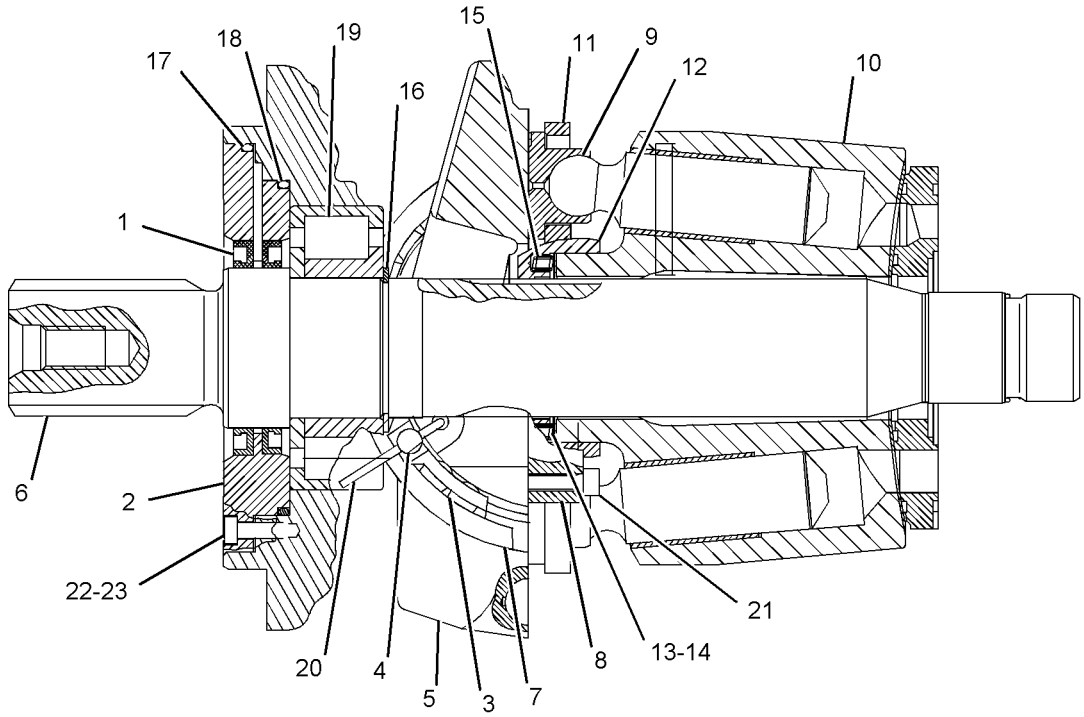
S/N: BTW1-UP

PART OF 229-8604 PUMP GP-PISTON

SMCS-5070 **i02038875**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**124-9913**	2	SEAL-SHAFT	
	2	1	**5I-4267**	1	COVER	
	3	1	**145-3776**	1	CAGE	
	4	1	**145-3773**	4	ROLLER	
	5	1	**145-3771**	1	CRADLE	
	6	1	**236-1835**	1	SHAFT-DRIVE	
	7	1	**145-3774**	1	LINER-BEARING	
	8	1	**145-3775**	2	RETAINER	
	9	1	**179-6910**	9	PISTON AS	
	10	1	**179-6911**	1	BARREL AS	
	11	1	**179-6912**	1	PLATE	
	12	1	**179-6913**	1	RETAINER	
B	13	1	**179-6914**	2	SHIM (0.75-MM THK)	
B	14	1	**179-6915**	2	SHIM (0.5-MM THK)	
B	15	1	**179-6916**	20	SPRING	
	16	1	**095-0927**	1	RING-RETAINING	
	17	1	**5H-3252**	1	SEAL-O-RING	
	18	1	**2J-8163**	1	SEAL-O-RING	
	19	1	**5I-4275**	1	BEARING-ROLLER	
	20	1	**6E-3840**	4	ROD	
M	21	1	**8T-8442**	4	BOLT-SOCKET HEAD (M6X1X30-MM)	
	22	1	**4I-5957**	4	RING	
M	23	1	**6V-5683**	4	BOLT (M6X1X16-MM)	

B - USE AS REQUIRED
M - METRIC PART



GRAPHIC #1 <END> g01049559

229-7348 VALVE & LINES GP-STEERING NEUT

S/N: BTW1-154

PART OF 230-3277 HYDRAULIC AR

SMCS-4330 **i02426405**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6V-0852**	2	CAP-DUST	
	2	3	**8C-3451**	1	CAP-DUST (HYDRAULIC OIL)	
	3	2	**8X-3467**	2	STUD AS	
					(EACH INCLUDES)	
		2	**2H-2722**	1	LUG	
I	4	1	**9R-2591**	1	HOSE AS	
Y	5	2	**9T-7426**	2	VALVE GP-STEERING NEUTRALIZER (STIC STEERING)	1193
	6	2	**9U-0354**	1	BRACKET AS	
M		2	**8T-3490**	5	NUT-WELD (M10X1.5-THD)	
	7	1	**9U-0357**	1	PLATE AS	
M		1	**8T-3597**	2	NUT-WELD (M12X1.75-THD)	
I	8	1	**7I-3585**	1	HOSE AS	
I	9	1	**278-9574**	1	HOSE AS	
I	10	1	**9U-0363**	1	HOSE AS	
I	11	1	**9U-0364**	1	HOSE AS	
	12	2	**9U-0367**	1	TUBE AS	
	13	1	**9U-0368**	1	TUBE AS	
	14	1	**9U-0369**	1	TUBE AS	
	15	1	**9U-0370**	1	TUBE AS	
	16	2	**104-7108**	1	VALVE GP-CHECK (STEERING PILOT)	
I	17	1	**111-0330**	1	HOSE AS	
I	18	1	**111-0331**	1	HOSE AS	
Y	19	3	**111-7775**	1	VALVE GP-CHECK (STEERING QUAD)	1174
	20	1	*164-5567*	2	COUPLER AS-QUICK DISCONNECT (MALE)	
					(EACH INCLUDES)	
		1	**6V-3965**	1	FITTING (QUICK DISCONNECT)	
		1	**3J-1907**	1	SEAL-O-RING	
	21	1,3	*164-5586*	2	TEE AS	
					(EACH INCLUDES)	
		1,3	**7X-0871**	1	TEE	
		1,3	**6V-8398**	1	SEAL-O-RING	
I	22	1	**239-7036**	1	HOSE AS	
I	23	1	**240-1616**	1	HOSE AS	
I	24	1	**241-0500**	1	HOSE AS	
	25	3	*148-8305*	1	ADAPTER AS	
		3	**5P-9617**	1	ADAPTER	
		3	**3J-1907**	1	SEAL-O-RING	
	26	1	*148-8313*	1	ADAPTER AS	
		1	**5P-6944**	1	ADAPTER	
		1	**3K-0360**	1	SEAL-O-RING	
	27	3	*148-8318*	2	CONNECTOR AS	
					(EACH INCLUDES)	
		3	**6V-8634**	1	CONNECTOR	
		3	**3K-0360**	1	SEAL-O-RING	
		3	**6V-8397**	1	SEAL-O-RING	
	28	1	*148-8326*	1	CONNECTOR AS	
		1	**6V-9872**	1	CONNECTOR	
		1	**3J-7354**	1	SEAL-O-RING	

229-7348 **VALVE & LINES GP-STEERING NEUT (**contd.**)** **i02426405**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		1	**6V-8397**	1	SEAL-O-RING	
	29	2	*148-8336*	5	CONNECTOR AS	
					(EACH INCLUDES)	
		2	**6V-8636**	1	CONNECTOR	
		2	**3J-1907**	1	SEAL-O-RING	
		2	**6V-8397**	1	SEAL-O-RING	
	30	1,3	*148-8340*	4	CONNECTOR AS	
					(EACH INCLUDES)	
		1,3	**6V-8639**	1	CONNECTOR	
		1,3	**3K-0360**	1	SEAL-O-RING	
		1,3	**6V-8398**	1	SEAL-O-RING	
	31	3	*148-8354*	1	ELBOW AS	
		3	**6V-9002**	1	ELBOW	
		3	**3K-0360**	1	SEAL-O-RING	
		3	**6V-8398**	1	SEAL-O-RING	
	32	2	*148-8365*	2	ELBOW AS	
					(EACH INCLUDES)	
		2	**8T-6876**	1	ELBOW	
		2	**3J-1907**	1	SEAL-O-RING	
		2	**6V-8398**	1	SEAL-O-RING	
	33	2,3	*148-8367*	3	ELBOW AS	
					(EACH INCLUDES)	
		2,3	**6V-8397**	1	SEAL-O-RING	
		2,3	**6V-9850**	1	ELBOW	
	34	1,2	*148-8370*	2	ELBOW AS	
					(EACH INCLUDES)	
		1,2	**6V-9851**	1	ELBOW	
		1,2	**6V-8398**	1	SEAL-O-RING	
	35	2	*148-8378*	1	ELBOW AS	
		2	**6V-8724**	1	ELBOW	
		2	**3J-1907**	1	SEAL-O-RING	
		2	**6V-8397**	1	SEAL-O-RING	
	36	3	*148-8415*	1	REDUCER AS	
		3	**6V-8936**	1	REDUCER	
		3	**6V-8397**	1	SEAL-O-RING	
	37	3	*148-8427*	1	TEE AS	
		3	**8T-6895**	1	TEE-UNION	
		3	**6V-8398**	3	SEAL-O-RING	
	38	1,2,3	*148-8433*	3	TEE AS	
					(EACH INCLUDES)	
		1,2,3	**6V-9836**	1	TEE-SWIVEL	
		1,2,3	**6V-8397**	2	SEAL-O-RING	
	39	1	*150-3065*	1	ELBOW AS	
		1	**6V-0484**	1	ELBOW	
		1	**3J-1907**	1	SEAL-O-RING	
	40	2	*150-4043*	2	CONNECTOR AS	
					(EACH INCLUDES)	
		2	**6V-9873**	1	CONNECTOR	
		2	**3J-1907**	1	SEAL-O-RING	
		2	**6V-8398**	1	SEAL-O-RING	
	41	3	*164-5590*	1	VALVE AS-FLUID SAMPLING (STEERING OIL)	
		3	**8C-3446**	1	VALVE-SAMPLING	

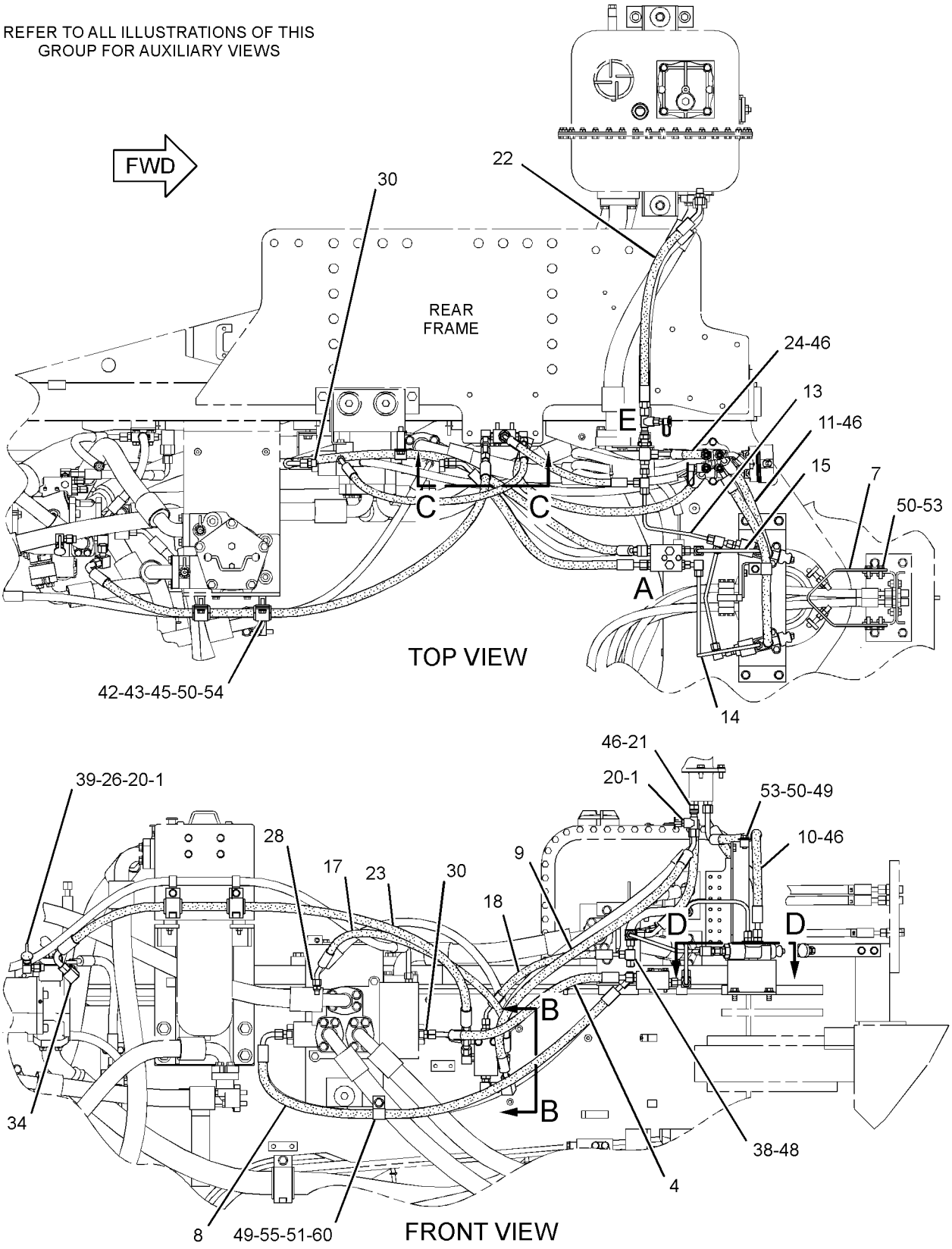
229-7348 **VALVE & LINES GP-STEERING NEUT (**contd.**)** **i02426405**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		3	**3J-7354**	1	SEAL-O-RING	
	42	1	**5P-7464**	2	CLIP (SLOT)	
	43	1	**5P-7465**	2	CLIP (TAB)	
Y	44	2	**6E-5566**	1	VALVE GP-SELECTOR & PRESS CONT (STEERING)	1183
	45	1	**6V-1249**	2	GROMMET	
	46	1,2	**6V-8398**	5	SEAL-O-RING	
	47	3	**6V-9169**	1	NUT (13/16-16-THD)	
	48	1	**6V-9829**	1	CAP (ORFS)	
	49	1	**8J-8197**	2	CLIP	
	50	1,2	**8T-4121**	9	WASHER-HARD (11X21X2.5-MM THK)	
M	51	1	**8T-4648**	1	BOLT (M12X1.75X70-MM)	
M	52	2	**8T-4192**	4	BOLT (M12X1.75X25-MM)	
M	53	1	**8T-4195**	5	BOLT (M10X1.5X30-MM)	
M	54	1	**8T-4196**	2	BOLT (M10X1.5X35-MM)	
	55	1,2	**8T-4223**	5	WASHER-HARD (13.5X25.5X3-MM THK)	
	56	3	**8T-4224**	2	WASHER-HARD (8.8X16X2-MM THK)	
M	57	2	**8T-4244**	2	NUT (M12X1.75-THD)	
M	58	2	**8T-6466**	6	BOLT (M10X1.5X60-MM)	
M	59	3	**8T-6869**	2	BOLT (M8X1.25X60-MM)	
	60	1	**8S-5107**	1	SPACER (0.622X0.84X2-IN THK)	

I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART
Y - SEPARATE ILLUSTRATION

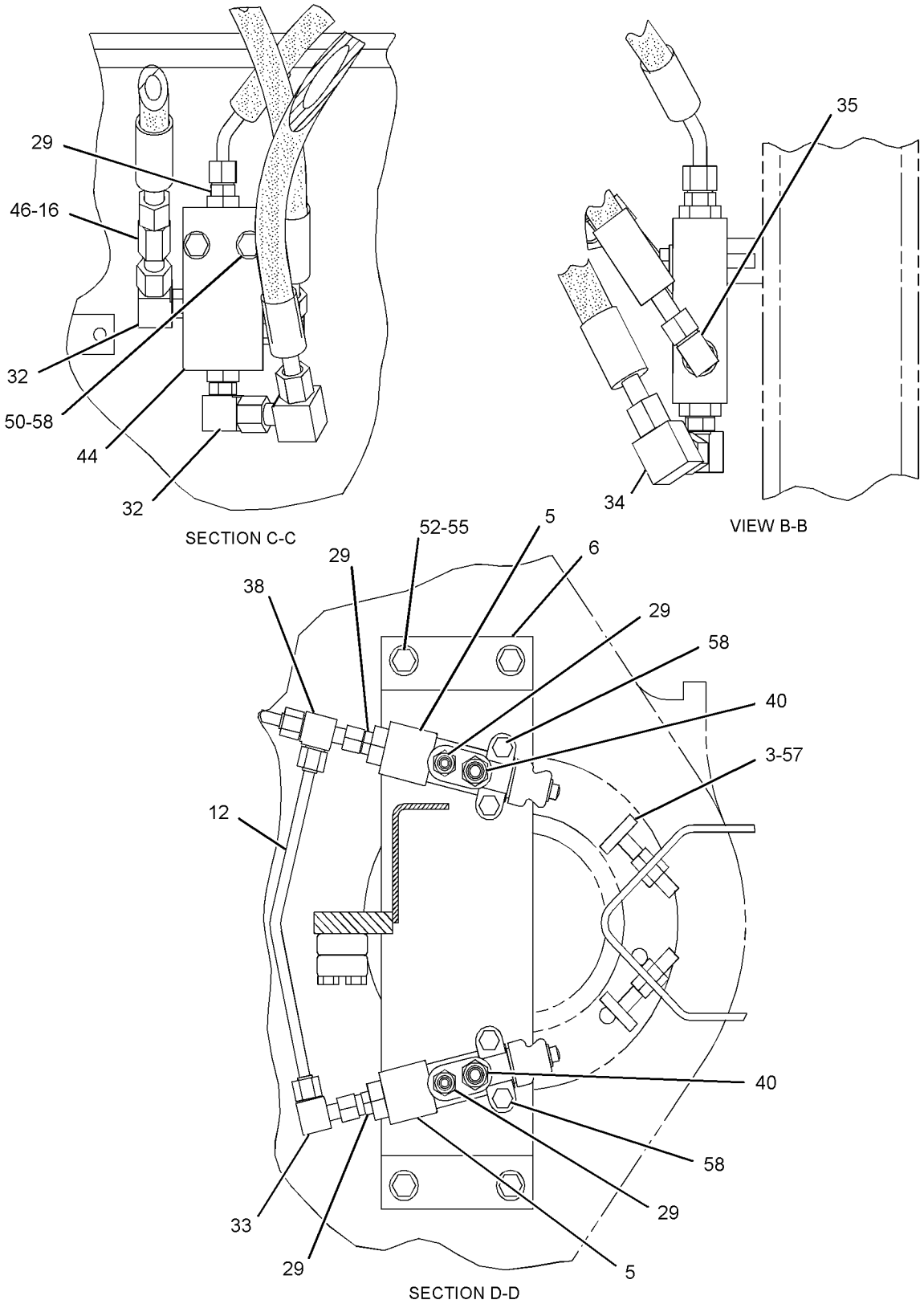
229-7348 **VALVE & LINES GP-STEERING NEUT (**contd.**)** **i02426405**

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



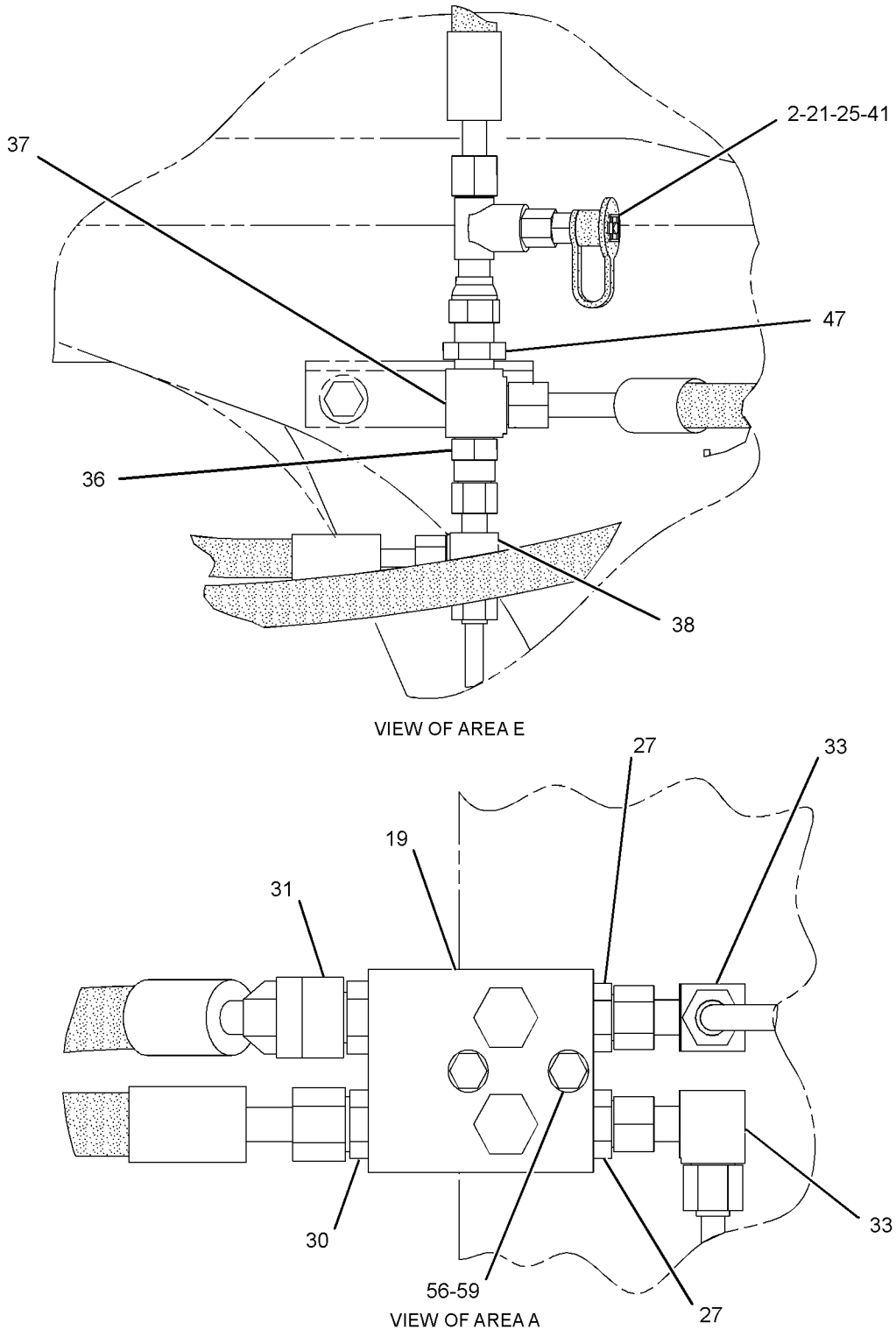
GRAPHIC #1 g01212936

229-7348 **VALVE & LINES GP-STEERING NEUT (**contd.**)** **i02426405**



GRAPHIC #2 g01215683

229-7348 **VALVE & LINES GP-STEERING NEUT (**contd.**)** **i02426405**



GRAPHIC #3 <END> g01215681

229-7348 VALVE & LINES GP-STEERING NEUT

S/N: BTW155-186

PART OF 230-3277 HYDRAULIC AR

SMCS-4330 **i02518442**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
CI	1	1	**3W-9015**	1	HOSE AS	
	2	1	**6V-0852**	2	CAP-DUST	
I	3	1	**7I-3585**	1	HOSE AS	
	4	2	**8C-3451**	1	CAP-DUST (HYDRAULIC OIL)	
	5	2	**8X-3467**	2	STUD AS	
					(EACH INCLUDES)	
		2	**2H-2722**	1	LUG	
I	6	1	**9R-2591**	1	HOSE AS	
Y	7	2	**9T-7426**	2	VALVE GP-STEERING NEUTRALIZER (STIC STEERING)	1193
	8	2	**9U-0354**	1	BRACKET AS	
M		2	**8T-3490**	5	NUT-WELD (M10X1.5-THD)	
	9	1	**9U-0357**	1	PLATE AS	
M		1	**8T-3597**	2	NUT-WELD (M12X1.75-THD)	
	10	2	**9U-0367**	1	TUBE AS	
	11	1	**9U-0368**	1	TUBE AS	
	12	1	**9U-0369**	1	TUBE AS	
	13	1	**9U-0370**	1	TUBE AS	
	14	2	**104-7108**	1	VALVE GP-CHECK (STEERING PILOT)	
I	15	1	**111-0330**	1	HOSE AS	
Y	17	2	**111-7775**	1	VALVE GP-CHECK (STEERING QUAD)	1174
C	18	1	*148-8424*	1	TEE AS	
		1	**6V-8397**	1	SEAL-O-RING	
		1	**8T-8902**	1	ADAPTER-TEE	
CI	19	1	**152-7739**	1	HOSE AS	
	20	1	*164-5567*	2	COUPLER AS-QUICK DISCONNECT (MALE)	
					(EACH INCLUDES)	
		1	**6V-3965**	1	FITTING (QUICK DISCONNECT)	
		1	**3J-1907**	1	SEAL-O-RING	
C	21	2	*164-5586*	1	TEE AS	
		2	**7X-0871**	1	TEE	
		2	**6V-8398**	1	SEAL-O-RING	
CI	22	1	**194-5444**	2	HOSE AS	
I	23	1	**239-7036**	1	HOSE AS	
I	24	1	**240-1616**	1	HOSE AS	
I	25	1	**241-0500**	1	HOSE AS	
	26	2	*148-8305*	1	ADAPTER AS	
		2	**5P-9617**	1	ADAPTER	
		2	**3J-1907**	1	SEAL-O-RING	
	27	1	*148-8313*	1	ADAPTER AS	
		1	**5P-6944**	1	ADAPTER	
		1	**3K-0360**	1	SEAL-O-RING	
	28	2	*148-8318*	2	CONNECTOR AS	
					(EACH INCLUDES)	
		2	**6V-8634**	1	CONNECTOR	
		2	**3K-0360**	1	SEAL-O-RING	
		2	**6V-8397**	1	SEAL-O-RING	
	29	1	*148-8326*	1	CONNECTOR AS	
		1	**6V-9872**	1	CONNECTOR	

229-7348 **VALVE & LINES GP-STEERING NEUT (**contd.**)** **i02518442**

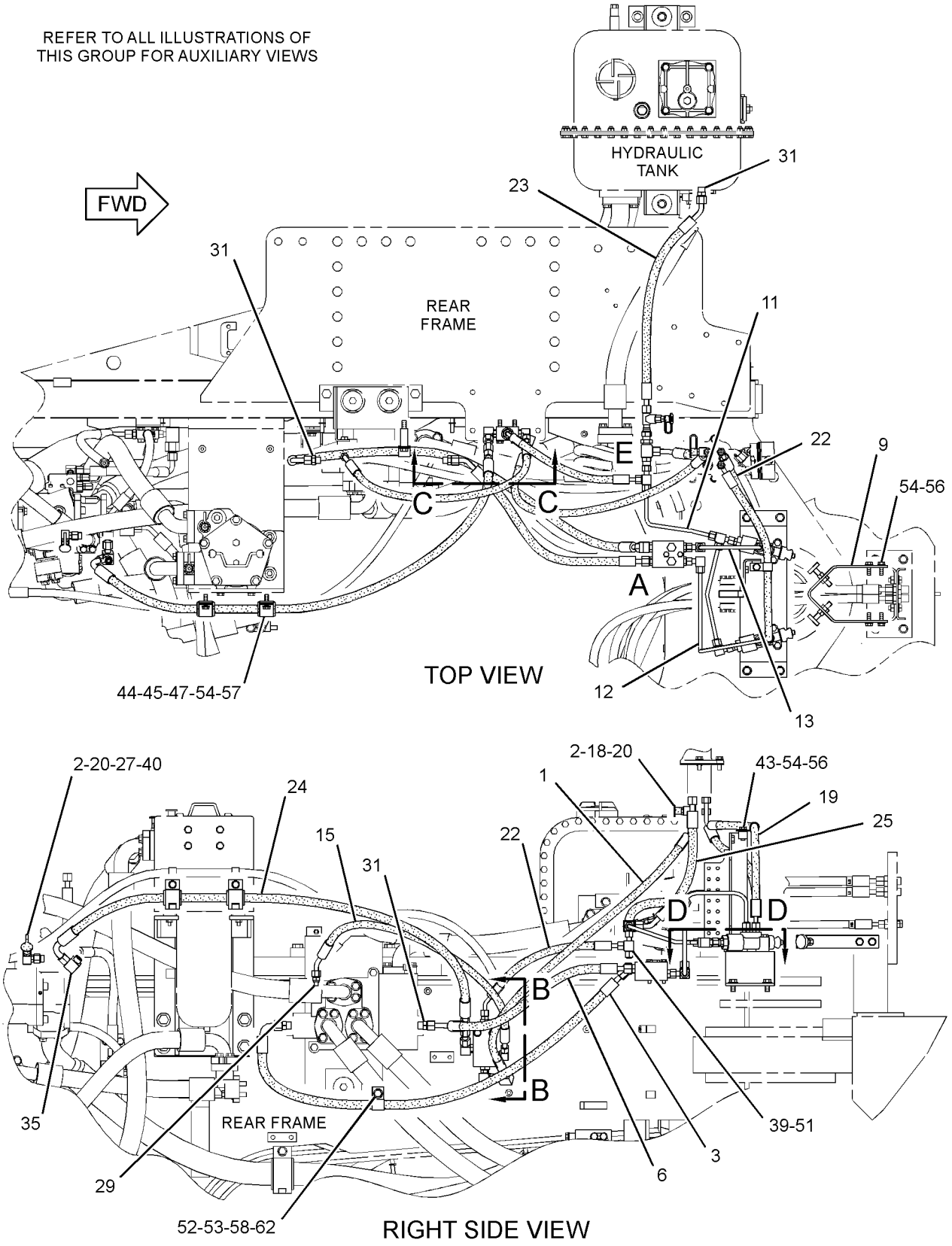
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		1	**3J-7354**	1	SEAL-O-RING	
		1	**6V-8397**	1	SEAL-O-RING	
C	30	2	*148-8336*	7	CONNECTOR AS	
					(EACH INCLUDES)	
		2	**6V-8636**	1	CONNECTOR	
		2	**3J-1907**	1	SEAL-O-RING	
		2	**6V-8397**	1	SEAL-O-RING	
	31	1,2	*148-8340*	4	CONNECTOR AS	
					(EACH INCLUDES)	
		1,2	**6V-8639**	1	CONNECTOR	
		1,2	**3K-0360**	1	SEAL-O-RING	
		1,2	**6V-8398**	1	SEAL-O-RING	
	32	2	*148-8354*	1	ELBOW AS	
		2	**6V-9002**	1	ELBOW	
		2	**3K-0360**	1	SEAL-O-RING	
		2	**6V-8398**	1	SEAL-O-RING	
	33	2	*148-8365*	2	ELBOW AS	
					(EACH INCLUDES)	
		2	**8T-6876**	1	ELBOW	
		2	**3J-1907**	1	SEAL-O-RING	
		2	**6V-8398**	1	SEAL-O-RING	
	34	2	*148-8367*	3	ELBOW AS	
					(EACH INCLUDES)	
		2	**6V-8397**	1	SEAL-O-RING	
		2	**6V-9850**	1	ELBOW	
C	35	1	*148-8370*	1	ELBOW AS	
		1	**6V-9851**	1	ELBOW	
		1	**6V-8398**	1	SEAL-O-RING	
	36	2	*148-8378*	1	ELBOW AS	
		2	**6V-8724**	1	ELBOW	
		2	**3J-1907**	1	SEAL-O-RING	
		2	**6V-8397**	1	SEAL-O-RING	
	37	2	*148-8415*	1	REDUCER AS	
		2	**6V-8936**	1	REDUCER	
		2	**6V-8397**	1	SEAL-O-RING	
	38	2	*148-8427*	1	TEE AS	
		2	**8T-6895**	1	TEE-UNION	
		2	**6V-8398**	3	SEAL-O-RING	
	39	1,2	*148-8433*	3	TEE AS	
					(EACH INCLUDES)	
		1,2	**6V-9836**	1	TEE-SWIVEL	
		1,2	**6V-8397**	2	SEAL-O-RING	
	40	1	*150-3065*	1	ELBOW AS	
		1	**6V-0484**	1	ELBOW	
		1	**3J-1907**	1	SEAL-O-RING	
C	41	2	**152-3411**	1	ELBOW	
	42	2	*164-5590*	1	VALVE AS-FLUID SAMPLING (STEERING OIL)	
		2	**8C-3446**	1	VALVE-SAMPLING	
		2	**3J-7354**	1	SEAL-O-RING	
C	43	1	**1S-1015**	1	CLIP	
	44	1	**5P-7464**	2	CLIP (SLOT)	

229-7348 **VALVE & LINES GP-STEERING NEUT (**contd.**)** **i02518442**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	45	1	**5P-7465**	2	CLIP (TAB)	
Y	46	2	**6E-5566**	1	VALVE GP-SELECTOR & PRESS CONT (STEERING)	1183
	47	1	**6V-1249**	2	GROMMET	
C	48	2	**6V-8397**	1	SEAL-O-RING	
C	49	2	**6V-8398**	1	SEAL-O-RING	
	50	2	**6V-9169**	1	NUT (13/16-16-THD)	
	51	1	**6V-9829**	1	CAP (ORFS)	
C	52	1	**8J-8197**	1	CLIP	
	53	1	**8S-5107**	1	SPACER (0.622X0.84X2-IN THK)	
	54	1,2	**8T-4121**	9	WASHER-HARD (11X21X2.5-MM THK)	
M	55	2	**8T-4192**	4	BOLT (M12X1.75X25-MM)	
M	56	1	**8T-4195**	5	BOLT (M10X1.5X30-MM)	
M	57	1	**8T-4196**	2	BOLT (M10X1.5X35-MM)	
	58	1,2	**8T-4223**	5	WASHER-HARD (13.5X25.5X3-MM THK)	
	59	2	**8T-4224**	2	WASHER-HARD (8.8X16X2-MM THK)	
M	60	2	**8T-4244**	2	NUT (M12X1.75-THD)	
M	61	2	**8T-6466**	6	BOLT (M10X1.5X60-MM)	
CM	62	1	**8T-6868**	1	BOLT (M12X1.75X80-MM)	
M	63	2	**8T-6869**	2	BOLT (M8X1.25X60-MM)	

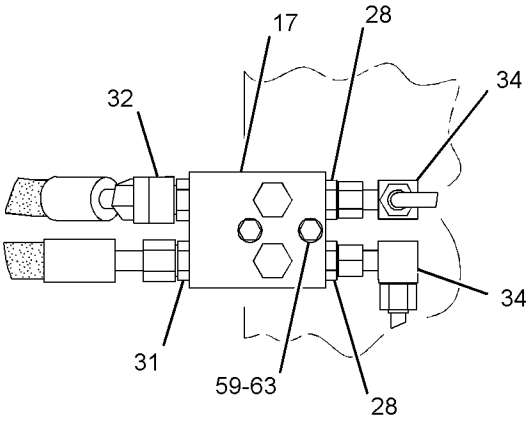
C - CHANGE FROM PREVIOUS TYPE
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART
Y - SEPARATE ILLUSTRATION

229-7348 **VALVE & LINES GP-STEERING NEUT (**contd.**)** **i02518442**

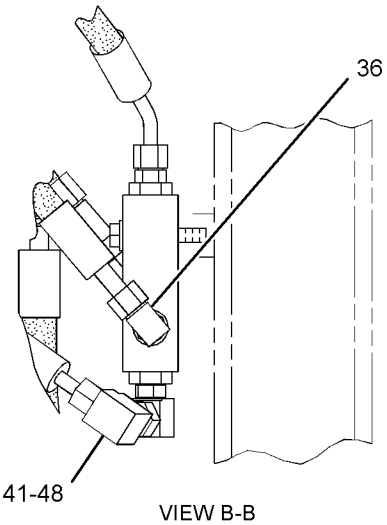


GRAPHIC #1 g01262764

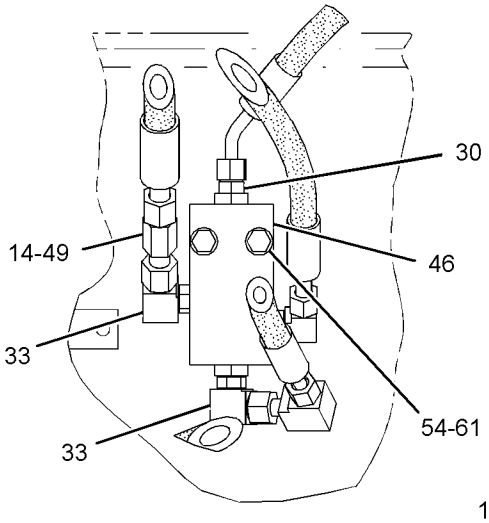
229-7348 **VALVE & LINES GP-STEERING NEUT (**contd.**)** **i02518442**



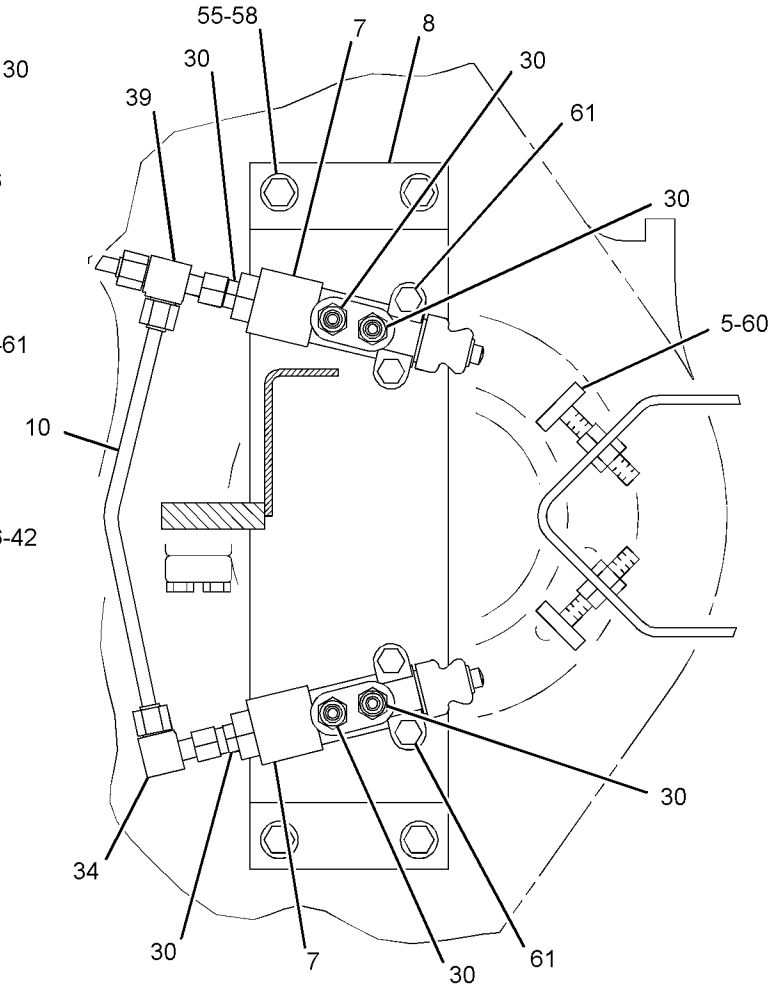
VIEW OF AREA A



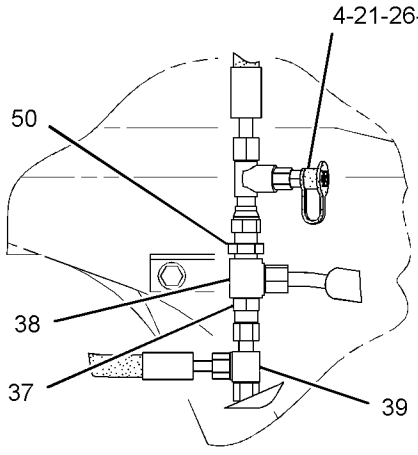
VIEW B-B



SECTION C-C



SECTION D-D



VIEW OF AREA E

GRAPHIC #2 <END> g01262765

229-7348 VALVE & LINES GP-STEERING NEUT

S/N: BTW187-UP

PART OF 230-3277 HYDRAULIC AR

SMCS-4330 **i03932272**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
CI	1	1	**3W-9015**	1	HOSE AS	
	2	1	**6V-0852**	2	CAP-DUST	
I	3	1	**7I-3585**	1	HOSE AS	
	4	2	**8C-3451**	1	CAP-DUST (HYDRAULIC OIL)	
	5	2	**8X-3467**	2	STUD AS	
					(EACH INCLUDES)	
		2	**2H-2722**	1	LUG	
I	6	1	**9R-2591**	1	HOSE AS	
Y	7	2	**296-5662**	2	VALVE GP-STEERING NEUTRALIZER (HMU) (STIC STEERING)	1192
	8	2	**9U-0354**	1	BRACKET AS	
M		2	**8T-3490**	5	NUT-WELD (M10X1.5-THD)	
	9	1	**9U-0357**	1	PLATE AS	
M		1	**8T-3597**	2	NUT-WELD (M12X1.75-THD)	
	10	2	**9U-0367**	1	TUBE AS	
	11	1	**9U-0368**	1	TUBE AS	
	12	1	**9U-0369**	1	TUBE AS	
	13	1	**9U-0370**	1	TUBE AS	
	14	2	**104-7108**	1	VALVE GP-CHECK (STEERING PILOT)	
I	15	1	**111-0330**	1	HOSE AS	
I	16	1	**111-0331**	1	HOSE AS	
Y	17	2	**111-7775**	1	VALVE GP-CHECK (STEERING QUAD)	1174
C	18	1	*148-8424*	1	TEE AS	
		1	**6V-8397**	1	SEAL-O-RING	
		1	**8T-8902**	1	ADAPTER-TEE	
CI	19	1	**152-7739**	1	HOSE AS	
	20	1	*164-5567*	2	COUPLER AS-QUICK DISCONNECT (MALE)	
					(EACH INCLUDES)	
		1	**6V-3965**	1	FITTING (QUICK DISCONNECT)	
		1	**214-7568**	1	SEAL-O-RING	
C	21	2	*164-5586*	1	TEE AS	
		2	**7X-0871**	1	TEE	
		2	**6V-8398**	1	SEAL-O-RING	
CI	22	1	**194-5444**	2	HOSE AS	
I	23	1	**239-7036**	1	HOSE AS	
I	24	1	**240-1616**	1	HOSE AS	
I	25	1	**241-0500**	1	HOSE AS	
	26	2	*148-8305*	1	ADAPTER AS	
		2	**5P-9617**	1	ADAPTER	
		2	**3J-1907**	1	SEAL-O-RING	
	27	1	*148-8313*	1	ADAPTER AS	
		1	**5P-6944**	1	ADAPTER	
		1	**3K-0360**	1	SEAL-O-RING	
	28	2	*148-8318*	2	CONNECTOR AS	
					(EACH INCLUDES)	
		2	**6V-8634**	1	CONNECTOR	
		2	**3K-0360**	1	SEAL-O-RING	
		2	**6V-8397**	1	SEAL-O-RING	

229-7348 **VALVE & LINES GP-STEERING NEUT (**contd.**)** **i03932272**

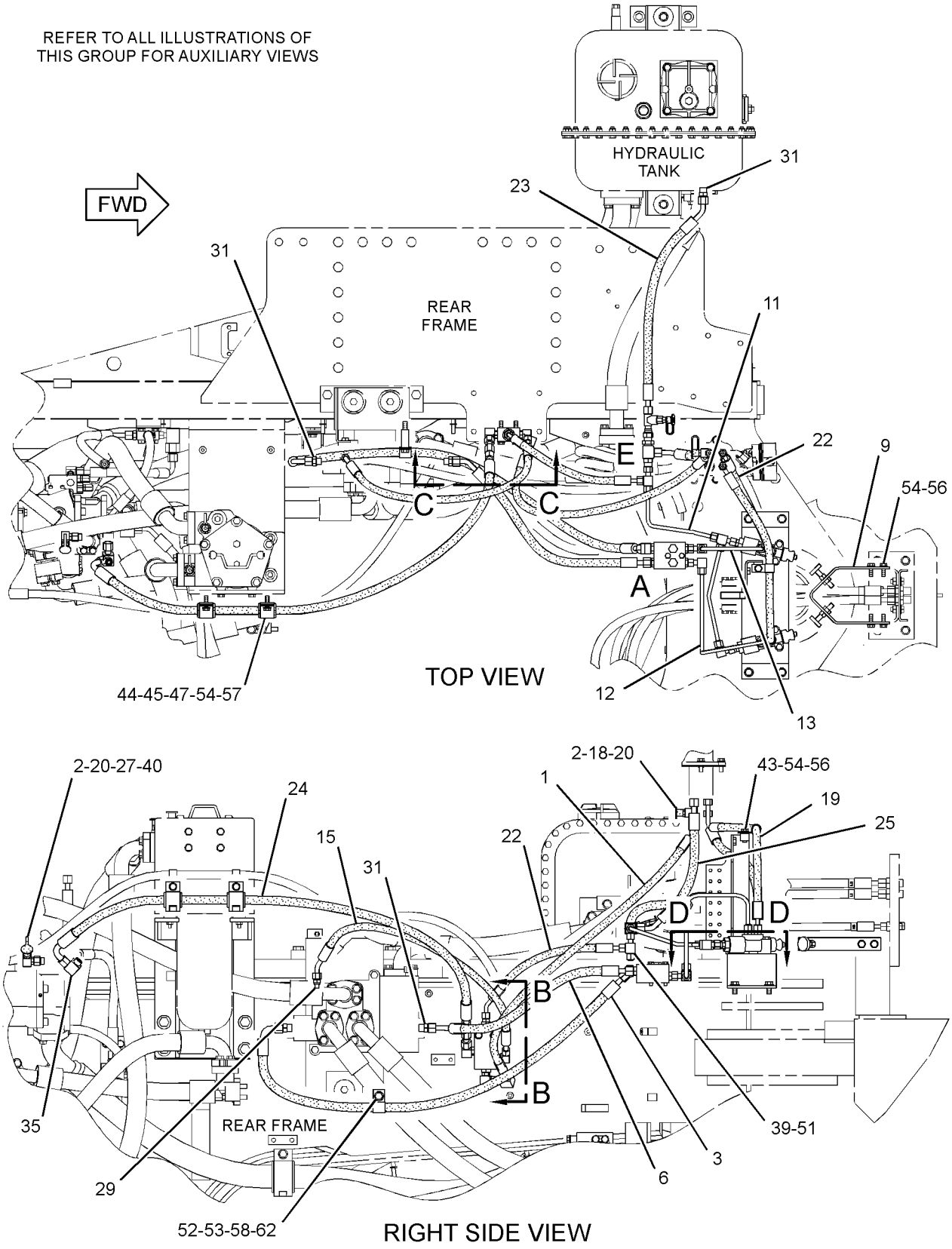
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	29	1	*148-8326*	1	CONNECTOR AS	
		1	**6V-9872**	1	CONNECTOR	
		1	**3J-7354**	1	SEAL-O-RING	
		1	**6V-8397**	1	SEAL-O-RING	
C	30	2	*148-8336*	7	CONNECTOR AS	
					(EACH INCLUDES)	
		2	**6V-8636**	1	CONNECTOR	
		2	**3J-1907**	1	SEAL-O-RING	
		2	**6V-8397**	1	SEAL-O-RING	
	31	1,2	*148-8340*	4	CONNECTOR AS	
					(EACH INCLUDES)	
		1,2	**6V-8639**	1	CONNECTOR	
		1,2	**3K-0360**	1	SEAL-O-RING	
		1,2	**6V-8398**	1	SEAL-O-RING	
	32	2	*148-8354*	1	ELBOW AS	
		2	**6V-9002**	1	ELBOW	
		2	**3K-0360**	1	SEAL-O-RING	
		2	**6V-8398**	1	SEAL-O-RING	
	33	2	*148-8365*	2	ELBOW AS	
					(EACH INCLUDES)	
		2	**8T-6876**	1	ELBOW	
		2	**3J-1907**	1	SEAL-O-RING	
		2	**6V-8398**	1	SEAL-O-RING	
	34	2	*148-8367*	3	ELBOW AS	
					(EACH INCLUDES)	
		2	**6V-8397**	1	SEAL-O-RING	
		2	**6V-9850**	1	ELBOW	
C	35	1	*148-8370*	1	ELBOW AS	
		1	**6V-9851**	1	ELBOW	
		1	**6V-8398**	1	SEAL-O-RING	
	36	2	*148-8378*	1	ELBOW AS	
		2	**6V-8724**	1	ELBOW	
		2	**3J-1907**	1	SEAL-O-RING	
		2	**6V-8397**	1	SEAL-O-RING	
	37	2	*148-8415*	1	REDUCER AS	
		2	**6V-8936**	1	REDUCER	
		2	**6V-8397**	1	SEAL-O-RING	
	38	2	*148-8427*	1	TEE AS	
		2	**8T-6895**	1	TEE-UNION	
		2	**6V-8398**	3	SEAL-O-RING	
	39	1,2	*148-8433*	3	TEE AS	
					(EACH INCLUDES)	
		1,2	**6V-9836**	1	TEE-SWIVEL	
		1,2	**6V-8397**	2	SEAL-O-RING	
	40	1	*150-3065*	1	ELBOW AS	
		1	**6V-0484**	1	ELBOW	
		1	**3J-1907**	1	SEAL-O-RING	
C	41	2	**152-3411**	1	ELBOW	
	42	2	*164-5590*	1	VALVE AS-FLUID SAMPLING (STEERING OIL)	
		2	**8C-3446**	1	VALVE-SAMPLING	
		2	**3J-7354**	1	SEAL-O-RING	
C	43	1	**1S-1015**	1	CLIP	

229-7348 **VALVE & LINES GP-STEERING NEUT (**contd.**)** **i03932272**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	44	1	**5P-7464**	2	CLIP (SLOT)	
	45	1	**5P-7465**	2	CLIP (TAB)	
Y	46	2	**6E-5566**	1	VALVE GP-SELECTOR & PRESS CONT (STEERING)	1183
	47	1	**6V-1249**	2	GROMMET	
C	48	2	**6V-8397**	1	SEAL-O-RING	
C	49	2	**6V-8398**	1	SEAL-O-RING	
	50	2	**6V-9169**	1	NUT (13/16-16-THD)	
	51	1	**6V-9829**	1	CAP (ORFS)	
C	52	1	**8J-8197**	1	CLIP	
	53	1	**8S-5107**	1	SPACER (0.622X0.84X2-IN THK)	
	54	1,2	**8T-4121**	9	WASHER-HARD (11X21X2.5-MM THK)	
M	55	2	**8T-4192**	4	BOLT (M12X1.75X25-MM)	
M	56	1	**8T-4195**	5	BOLT (M10X1.5X30-MM)	
M	57	1	**8T-4196**	2	BOLT (M10X1.5X35-MM)	
	58	1,2	**8T-4223**	5	WASHER-HARD (13.5X25.5X3-MM THK)	
	59	2	**8T-4224**	2	WASHER-HARD (8.8X16X2-MM THK)	
M	60	2	**8T-4244**	2	NUT (M12X1.75-THD)	
M	61	2	**8T-6466**	6	BOLT (M10X1.5X60-MM)	
CM	62	1	**8T-6868**	1	BOLT (M12X1.75X80-MM)	
M	63	2	**8T-6869**	2	BOLT (M8X1.25X60-MM)	

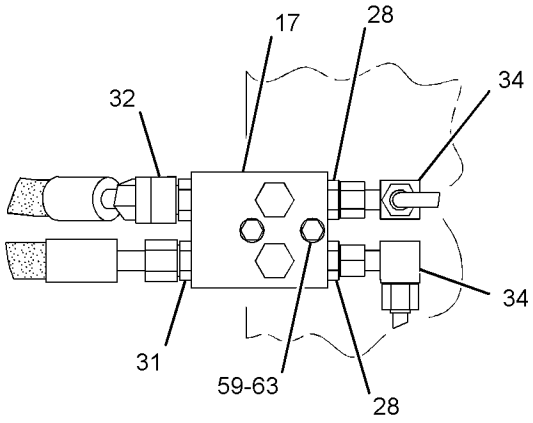
C - CHANGE FROM PREVIOUS TYPE
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART
Y - SEPARATE ILLUSTRATION

229-7348 **VALVE & LINES GP-STEERING NEUT (**contd.**)** **i03932272**

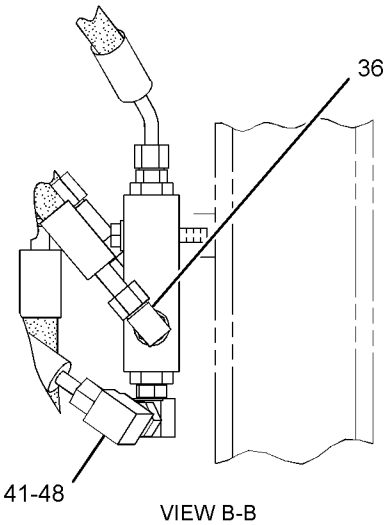


GRAPHIC #1 g01262764

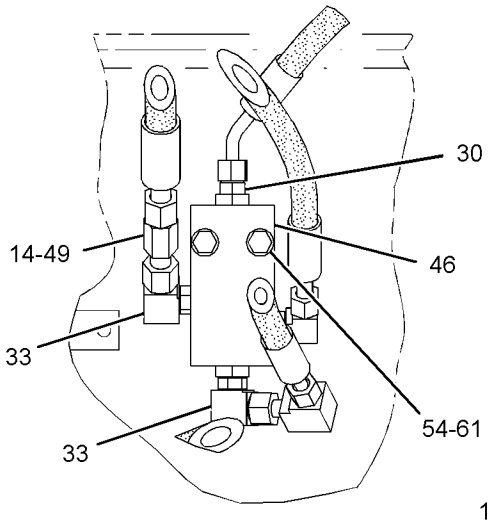
229-7348 **VALVE & LINES GP-STEERING NEUT (**contd.**)** **i03932272**



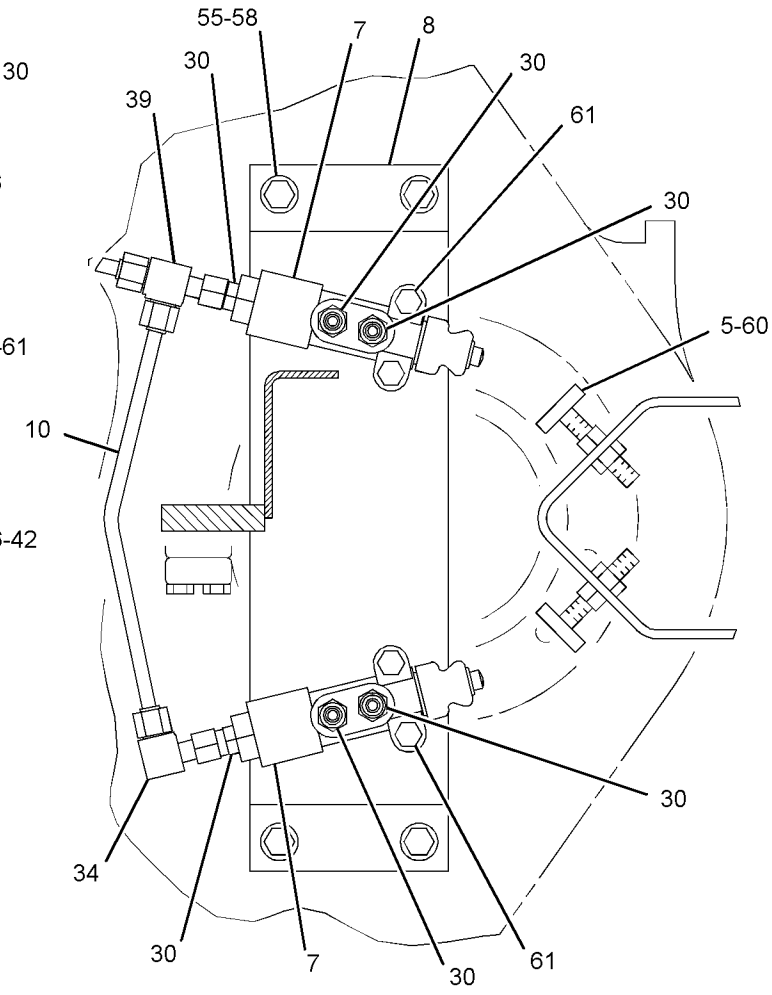
VIEW OF AREA A



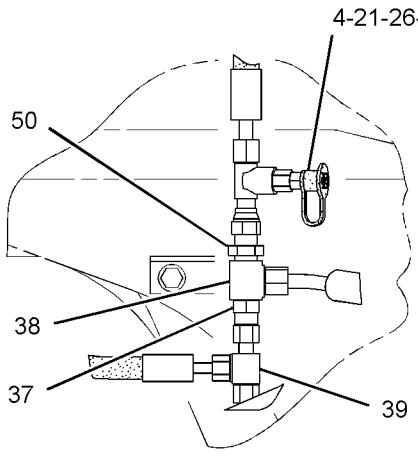
VIEW B-B



SECTION C-C



SECTION D-D



VIEW OF AREA E

GRAPHIC #2 <END> g01262765

111-7775 VALVE GP-CHECK–STEERING QUAD

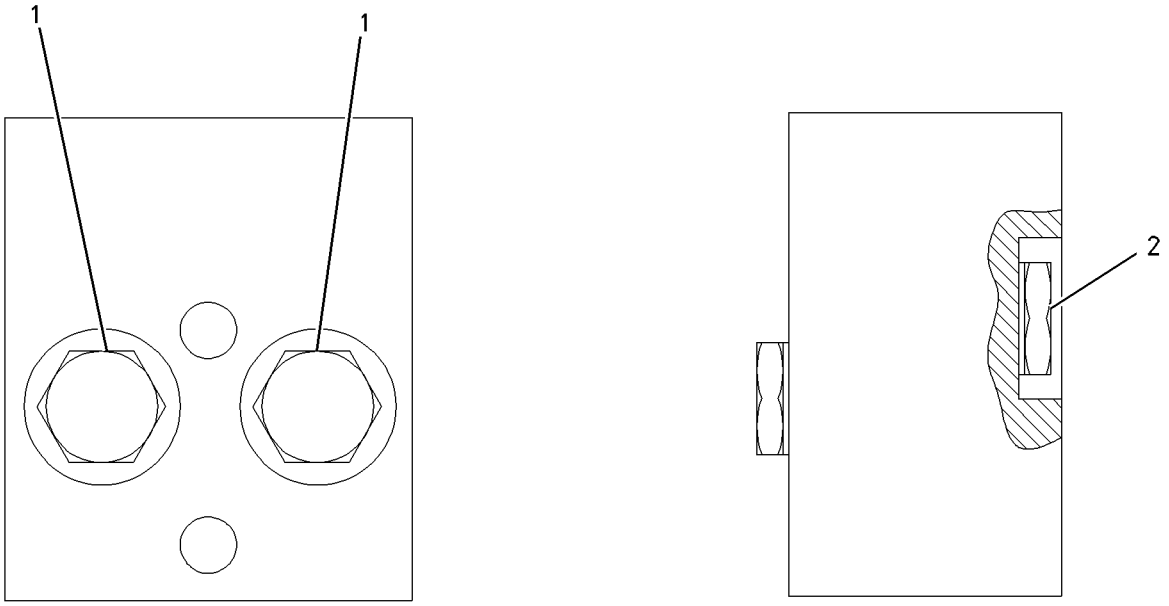
S/N: BTW1-UP

PART OF 229-7348 VALVE & LINES GP-STEERING NEUT

SMCS-4275, 5067 **i05415692**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**176-9369**	2	VALVE GP-CHECK (STEERING)	1175
Y	2	1	**176-9371**	2	VALVE GP-CHECK (STEERING)	1176

Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g00707411

176-9369 VALVE GP-CHECK—STEERING—STEERING

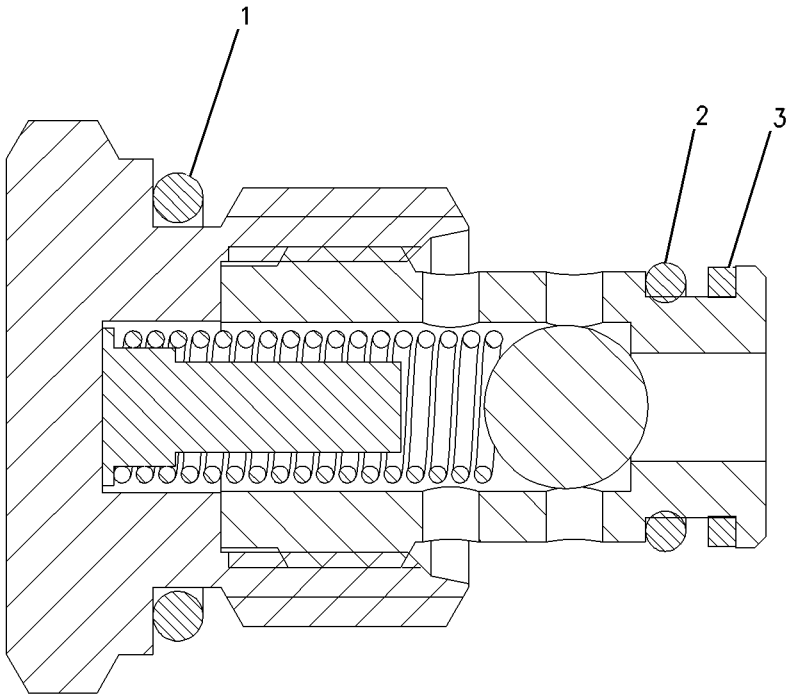
S/N: BTW1-UP

PART OF 111-7775 VALVE GP-CHECK

SMCS-4275, 5067

i01432567

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3K-0360**	1	SEAL-O-RING	
	2	1	**161-6154**	1	SEAL-O-RING	
	3	1	**6E-0381**	1	RING-BACKUP	



GRAPHIC #1 <END> g00707403

176-9371 VALVE GP-CHECK—STEERING—STEERING

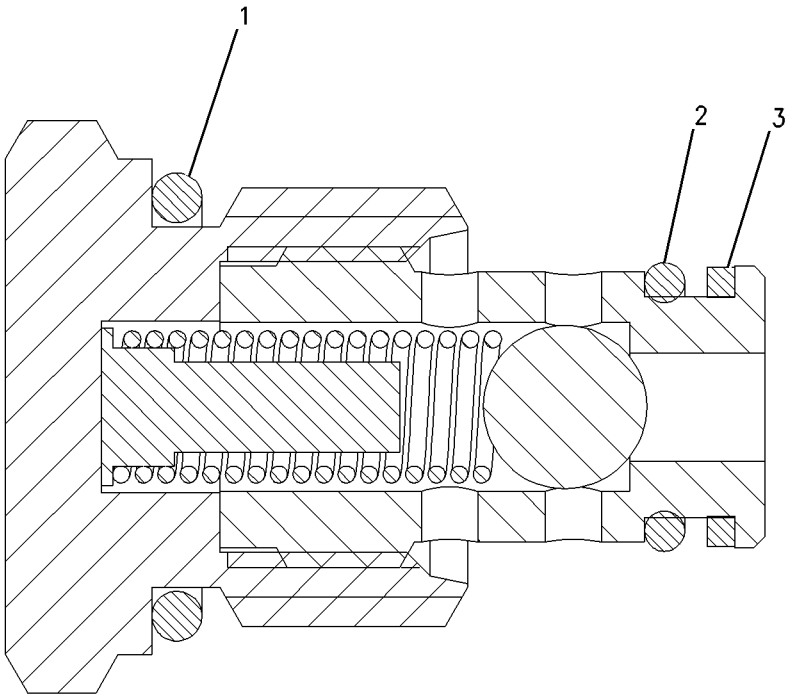
S/N: BTW1-UP

PART OF 111-7775 VALVE GP-CHECK

SMCS-4275, 5067

i01432553

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3K-0360**	1	SEAL-O-RING	
	2	1	**161-6154**	1	SEAL-O-RING	
	3	1	**6E-0381**	1	RING-BACKUP	



GRAPHIC #1 <END> g00707403

249-5615 VALVE GP-PILOT–STIC STEERING

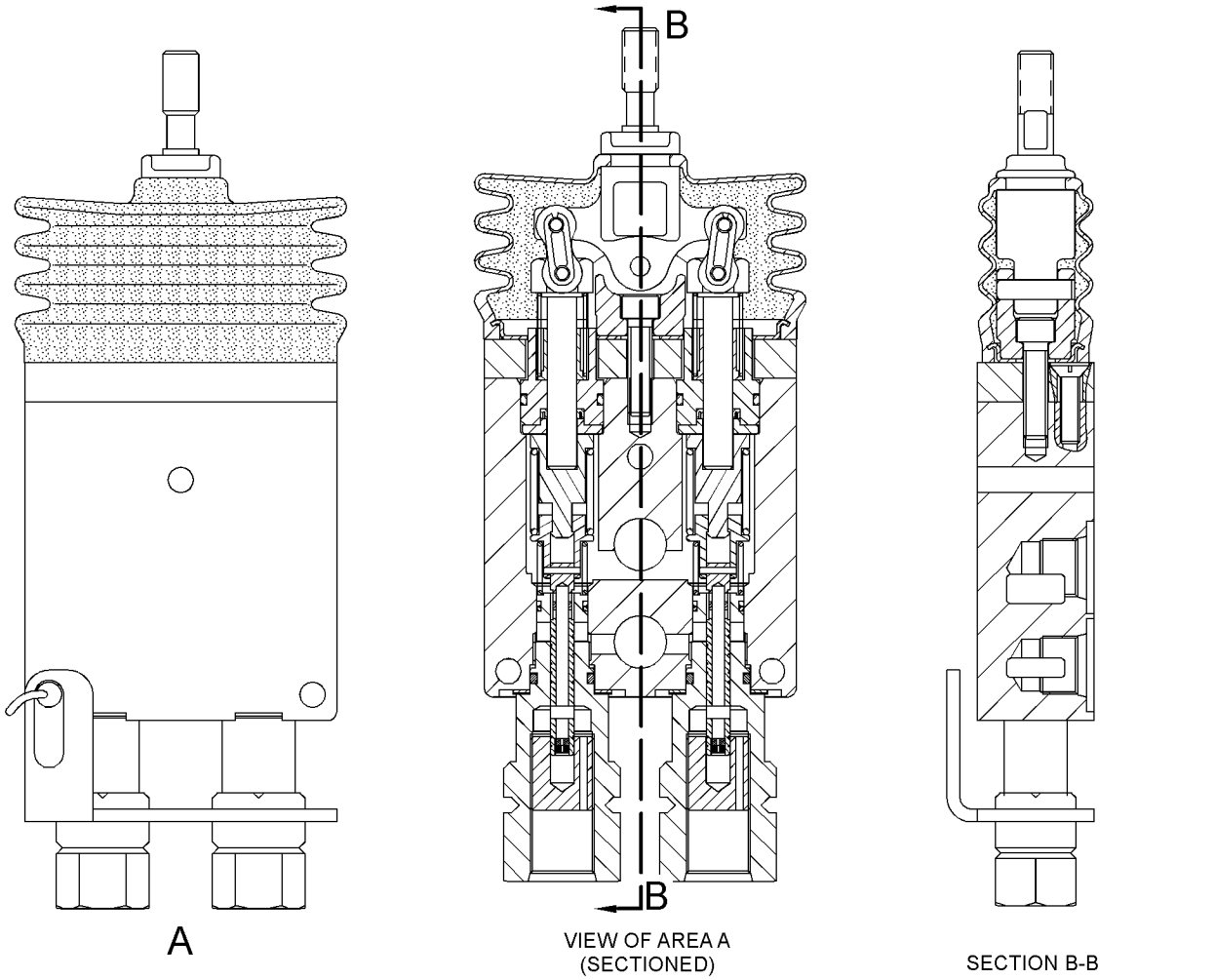
S/N: BTW1-UP

PART OF 236-5240 CONTROL GP-STEERING

SMCS-4342 **i04942577**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE

(NO SERVICED PARTS)



VIEW OF AREA A (SECTIONED)

SECTION B-B

GRAPHIC #1

<END>

g03113616

281-0799 VALVE GP-PUMP CONTROL–STEERING–PRESSURE COMPENSATOR

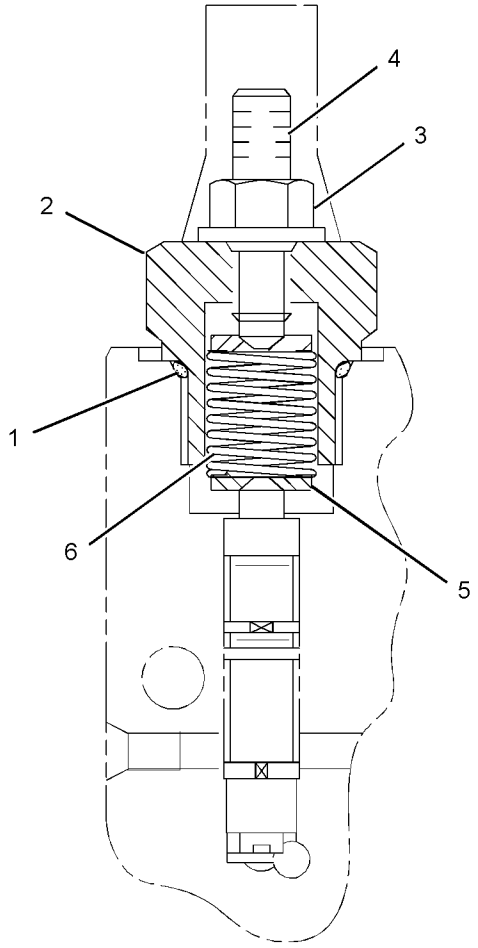
S/N: BTW1-UP

PART OF 6E-1024 VALVE GP-PUMP CONTROL

SMCS-5455 **i02478775**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6V-3922**	1	SEAL-O-RING	
	2	1	**117-5899**	1	PLUG	
M	3	1	**204-1455**	1	NUT-SEALING (M8X1-THD)	
	4	1	**117-7524**	1	SETSCREW	
	5	1	**6E-3861**	2	RETAINER-SPRING	
	6	1	**179-6922**	1	SPRING	

M - METRIC PART



GRAPHIC #1 <END> g01242281

6E-1024 VALVE GP-PUMP CONTROL–STEERING–PRESSURE, FLOW COMPENSATOR

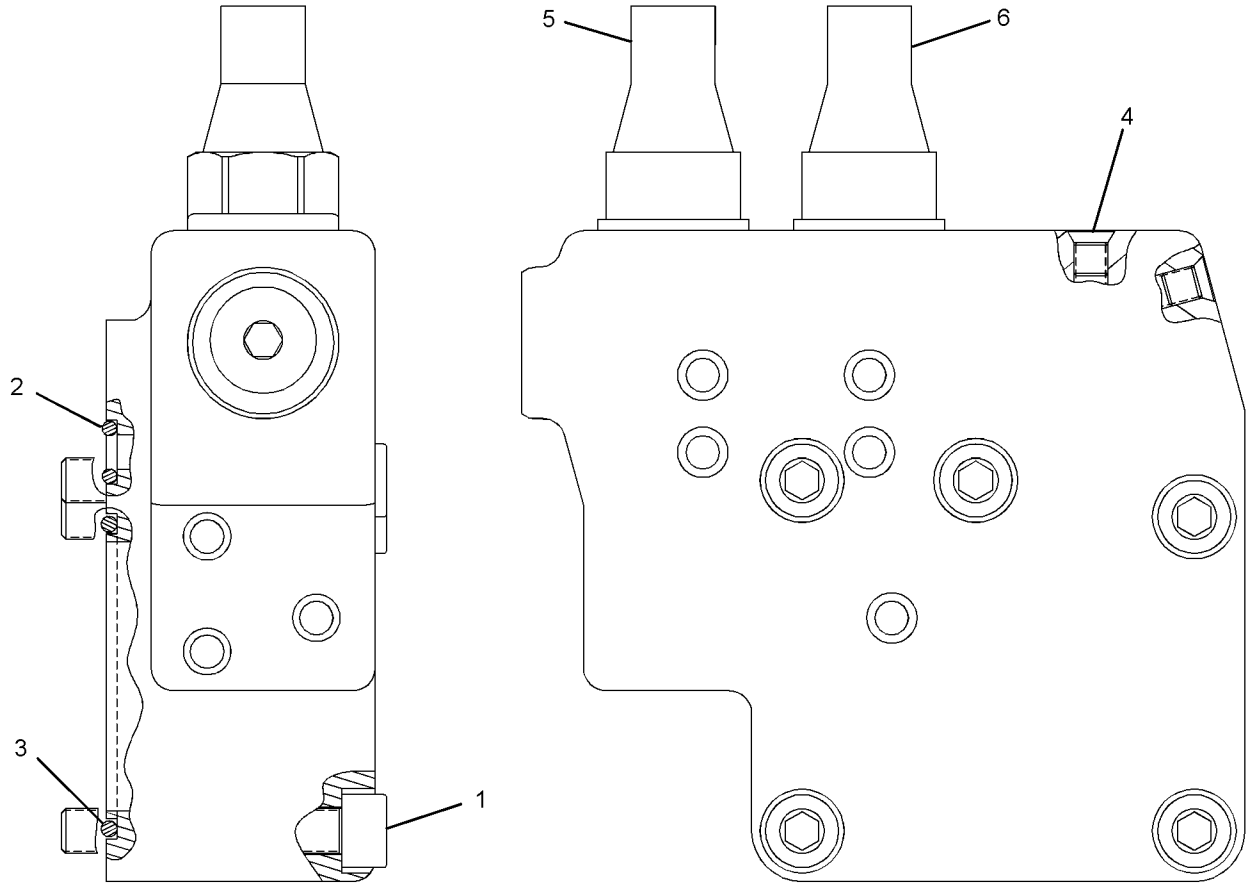
S/N: BTW1-UP

PART OF 229-8604 PUMP GP-PISTON

SMCS-5455 **i02478752**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**3E-8025**	5	BOLT-SOCKET HEAD (M8X1.25X50-MM)	
	2	1	**5P-5874**	3	SEAL-O-RING	
	3	1	**6E-5412**	1	SEAL-O-RING	
	4	1	**120-4394**	5	PLUG-BREAK OFF	
Y	5	1	**6E-3850**	1	VALVE GP-PUMP CONTROL (FLOW COMPENSATOR) (STEERING)	1180
CY	6	1	**281-0799**	1	VALVE GP-PUMP CONTROL (PRESSURE COMPENSATOR) (STEERING)	1178

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g01253298

6E-3850 VALVE GP-PUMP CONTROL—STEERING—FLOW COMPENSATOR

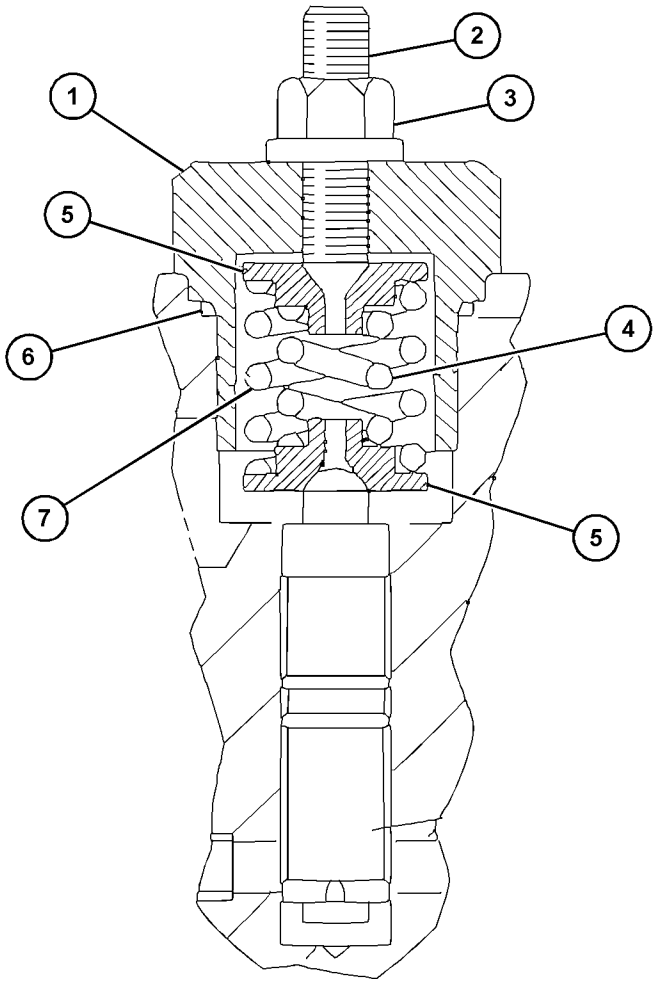
S/N: BTW1-UP

PART OF 6E-1024 VALVE GP-PUMP CONTROL

SMCS-5455 **i06814810**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**117-5899**	1	PLUG	
	2	1	**6E-5583**	1	SETSCREW	
M	3	1	**204-1455**	1	NUT-SEALING (M8X1-THD)	
	4	1	**6E-3855**	1	SPRING (INNER)	
	5	1	**396-0032**	2	BOLT-SPRING	
	6	1	**6V-3922**	1	SEAL-O-RING	
	7	1	**165-9383**	1	SPRING (OUTER)	

M - METRIC PART



GRAPHIC #1 <END> g06176311

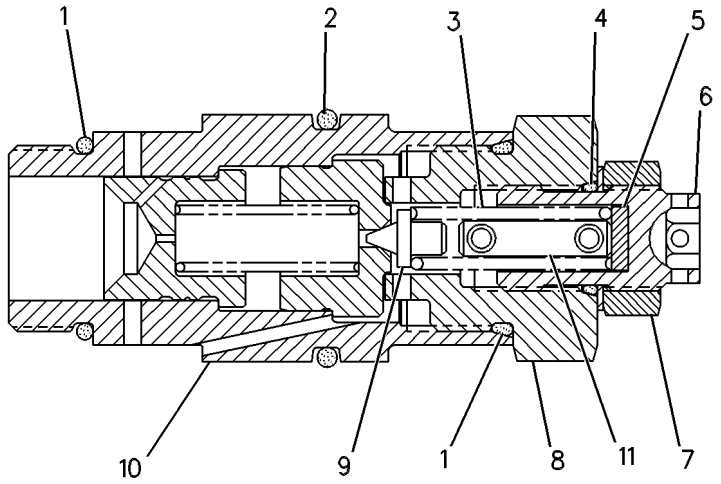
100-4335 VALVE GP-RELIEF—PUMP BACKUP

S/N: BTW1-UP

PART OF 301-4608, 6E-2923 VALVE GP-STEERING

SMCS-4322, 5069, 7428 **i02110593**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7M-8485**	2	SEAL-O-RING	
	2	1	**4J-0522**	1	SEAL-O-RING	
	3	1	**4T-2770**	1	SPRING	
	4	1	**3K-0360**	1	SEAL-O-RING	
	5	1	**4Y-5812**	1	PLATE	
	6	1	**6E-5510**	1	RETAINER AS	
	7	1	**9X-6395**	1	NUT (3/4-16-THD)	
	8	1	**6E-1127**	1	CAP	
	9	1	**8J-0331**	1	VALVE	
	10	1	**6E-6138**	1	VALVE GP-RELIEF (MAIN)	
		1	**8H-3532**	1	SPRING-VALVE	
	11	1	**7B-5684**	1	PIN	



GRAPHIC #1 <END> g00121100

6E-3986 VALVE GP-RELIEF—SECONDARY STEERING

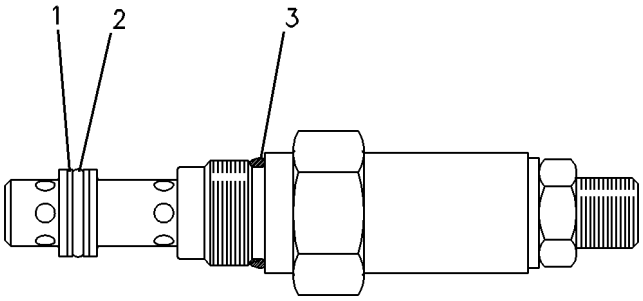
S/N: BTW1-UP

PART OF 301-4608, 6E-2923 VALVE GP-STEERING

SMCS-4322, 5069, 7428

i03482062

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7X-4776**	2	RING-BACKUP	
	2	1	**8C-3097**	1	SEAL-O-RING	
	3	1	**3K-0360**	1	SEAL-O-RING	
					AVAILABLE REPAIR KIT(S):	
			6E-4753	1	KIT-SEAL	



GRAPHIC #1

<END>

g00119845

6E-5566 VALVE GP-SELECTOR & PRESS CONT–STEERING

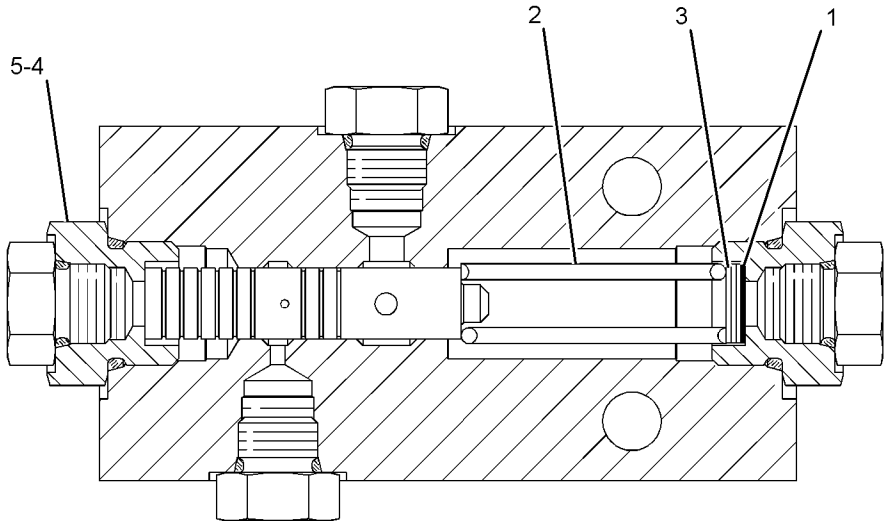
S/N: BTW1-UP

PART OF 229-7355 LINES GP-SECONDARY STEERING, 353-6157 LINES GP-STEERING, 229-7348 VALVE & LINES GP-STEERING NEUT

SMCS-4349 **i05283850**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
B	1	1	**5S-7018**	3	SPACER (7.54X14.15X0.25-MM THK)	
	2	1	**7S-8553**	1	SPRING	
B	3	1	**5S-7001**	3	SPACER (7.54X14.15X0.9-MM THK)	
	4	1	**108-3866**	2	ADAPTER	
	5	1	**2M-9780**	2	SEAL-O-RING	

B - USE AS REQUIRED



GRAPHIC #1 <END> g02650436

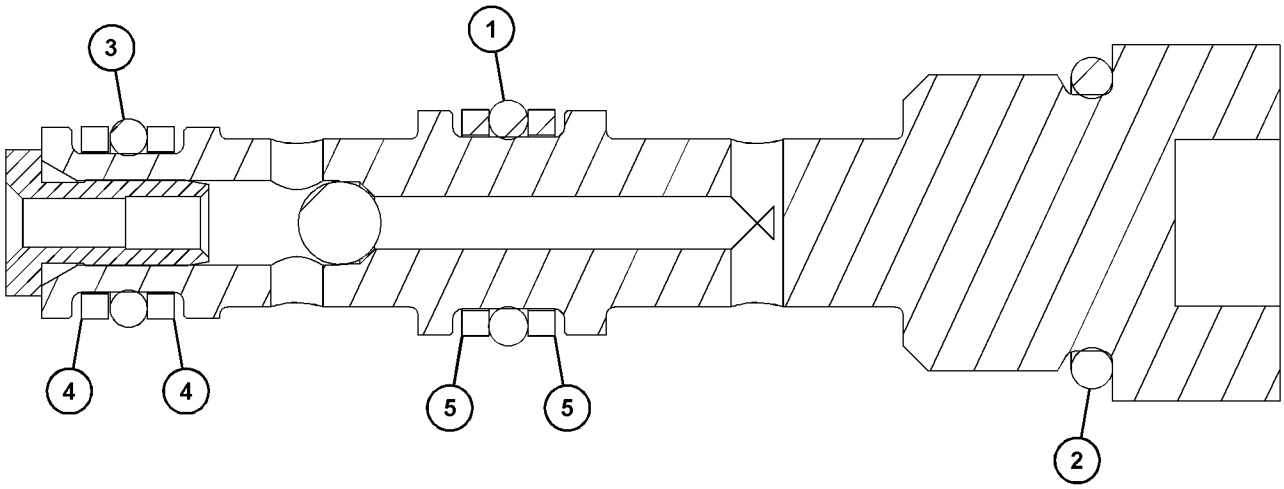
4T-1860 VALVE GP-SHUTTLE–LOAD SIGNAL, STEER, IMPLEMENT

S/N: BTW1-UP

PART OF 301-4608, 6E-2923 VALVE GP-STEERING

SMCS-4289 **i06681802**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6V-5324**	1	SEAL-O-RING	
	2	1	**3J-1907**	1	SEAL-O-RING	
	3	1	**147-6603**	1	SEAL-O-RING	
	4	1	**147-6604**	2	RING-BACKUP	
	5	1	**147-6605**	2	RING-BACKUP	



GRAPHIC #1 <END> g06072829

301-4608 VALVE GP-STEERING—WITH SECONDARY STEERING

S/N: BTW155-UP

PART OF 229-7355 LINES GP-SECONDARY STEERING, 353-6157 LINES GP-STEERING

SMCS-4307 **i05793267**

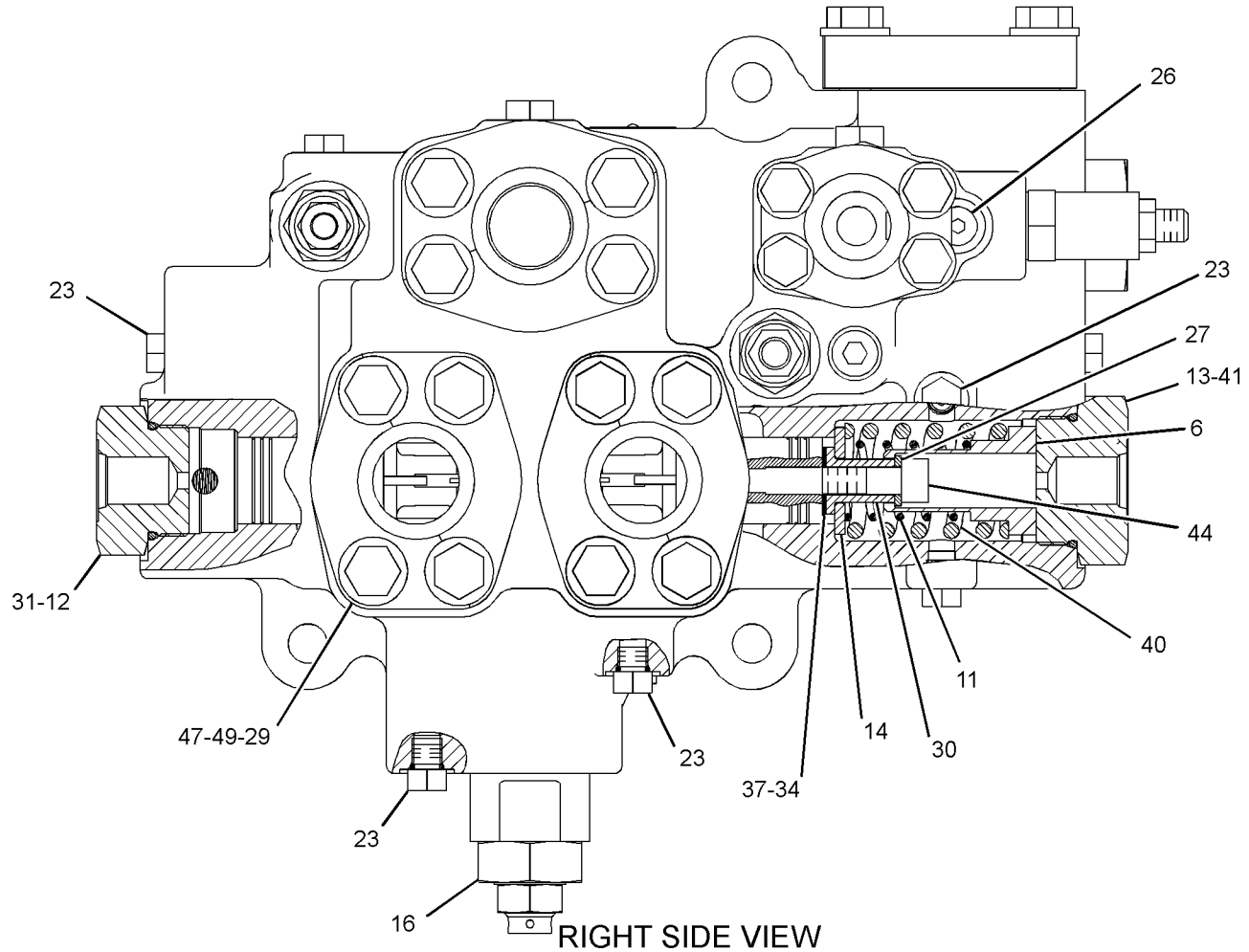
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**1U-0323**	1	PLUG AS	
		2	**1U-0322**	1	BUSHING	
		2	**3G-2683**	1	PLUG	
	2	2	**2S-2596**	2	SPRING	
J	3	2	**2U-7345**	1	VALVE-DIVERTER (SECONDARY STEERING)	
Y	5	2	**4T-1860**	1	VALVE GP-SHUTTLE (BALL RESOLVER) (LOAD SIGNAL, STEERING CYLINDER)	1184
	6	1	**6E-3775**	1	RETAINER	
	8	2	*6E-3779*	2	PLUG AS	
					(EACH INCLUDES)	
		2	**7J-1089**	1	PLUG	
		2	**7M-5130**	1	PIN-SPRING	
	9	2	**6E-3780**	1	VALVE (PRIMARY STEERING PUMP CHECK)	
L	10	2	**6E-3985**	1	VALVE GP-RELIEF (STEERING CYLINDER CROSSOVER)	
	11	1	**6E-4499**	1	SPRING	
	12	1	**6E-4513**	1	ADAPTER-O-RING	
	13	1	**6E-4514**	1	ADAPTER-O-RING	
	14	1	**7J-2927**	1	WASHER (16.66X39.37X3.96-MM THK)	
	15	2	**7J-7423**	1	VALVE-CONTROL (SECONDARY STEERING PUMP CHECK)	
Y	16	1	**100-4335**	1	VALVE GP-RELIEF (PUMP BACKUP)	1181
	19	2	**307-6457**	1	SCREEN AS	
	20	2	**307-6458**	1	SPRING	
	21	2	*148-8407*	3	PLUG AS	
					(EACH INCLUDES)	
		2	**3J-1907**	1	SEAL-O-RING	
		2	**9S-4191**	1	PLUG (9/16-18-THD)	
	22	2	*148-8409*	3	PLUG AS	
					(EACH INCLUDES)	
		2	**3D-2824**	1	SEAL-O-RING	
		2	**9S-8008**	1	PLUG (1-1/16-12-THD)	
	23	1,2	*155-3624*	14	PLUG AS	
					(EACH INCLUDES)	
		1,2	**3J-7354**	1	SEAL-O-RING	
		1,2	**9S-4182**	1	PLUG (7/16-20-THD)	
	24	2	*162-0177*	1	PLUG AS	
		2	**3J-1907**	1	SEAL-O-RING	
		2	**9S-8004**	1	PLUG (9/16-18-THD)	
	25	2	*183-7262*	1	PLUG AS	
		2	**2S-4078**	1	SEAL-O-RING	
		2	**9S-8010**	1	PLUG	
	26	1	*183-7263*	1	PLUG AS	
		1	**3J-7354**	1	SEAL-O-RING	
		1	**9S-8002**	1	PLUG (7/16-20-THD)	
	27	1	**8T-4896**	1	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	28	2	**1P-4579**	2	FLANGE-HALF	
	29	1	**1P-5767**	6	FLANGE-HALF	
	30	1	**292-4307**	1	RETAINER	
	31	1,2	**2S-4078**	2	SEAL-O-RING	

301-4608 **VALVE GP-STEERING** (contd.) **i05793267**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	32	2	**3J-1907**	2	SEAL-O-RING	
	33	2	**4B-9782**	2	BALL	
B	34	1	**4J-8224**	5	SHIM (0.254-MM THK)	
	35	2	**4T-4207**	2	PLUG-ORIFICE	
	36	2	**5J-3419**	1	SPRING	
B	37	1	**5J-4776**	1	SHIM (0.127-MM THK)	
Y	38	2	**6E-3986**	1	VALVE GP-RELIEF (SECONDARY STEERING)	1182
N	39	2	**6E-4286**	1	VALVE GP-PRESSURE REDUCING (STEERING PILOT OIL REGULATOR)	
	40	1	**6E-4500**	1	SPRING	
	41	1	**6K-6307**	1	SEAL-O-RING	
	42	2	**7S-8491**	1	SPRING	
	43	2	**8C-3206**	2	FLANGE-HALF	
M	44	1	**8T-2223**	1	BOLT-SOCKET HEAD (M10X1.5X45-MM)	
	45	2	**8T-4121**	4	WASHER-HARD (11X21X2.5-MM THK)	
M	46	2	**8T-4183**	4	BOLT (M12X1.75X40-MM)	
M	47	1	**8T-4194**	12	BOLT (M12X1.75X50-MM)	
M	48	2	**8T-4196**	4	BOLT (M10X1.5X35-MM)	
	49	1,2	**8T-4223**	16	WASHER-HARD (13.5X25.5X3-MM THK)	
	50	2	**9J-9821**	2	SEAT	
					AVAILABLE REPAIR KIT(S):	
J			**2U-7354**	1	KIT-SEAL (DIVERTER VALVE)	
					(INCLUDES SEAL-O-RINGS & BACKUP RINGS)	
L			**6E-4288**	1	KIT-SEAL (CROSSOVER RELIEF VALVE)	
					(INCLUDES SEALS & RINGS)	
N			**6E-4287**	1	KIT-SEAL (PRESSURE REDUCING VALVE)	
					(INCLUDES SEALS & RINGS)	

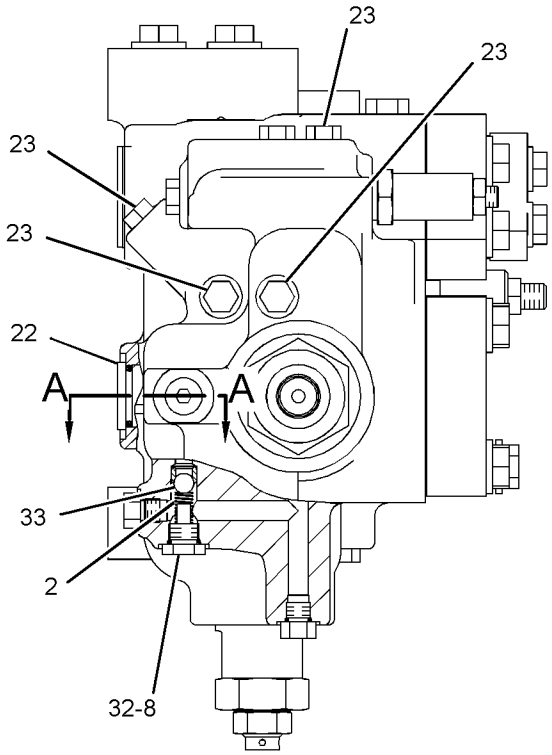
B - USE AS REQUIRED
J - KIT MARKED J SERVICES PART(S) MARKED J
L - KIT MARKED L SERVICES PART(S) MARKED L
M - METRIC PART
N - KIT MARKED N SERVICES PART(S) MARKED N
Y - SEPARATE ILLUSTRATION

301-4608 **VALVE GP-STEERING (**contd.**)** **i05793267**

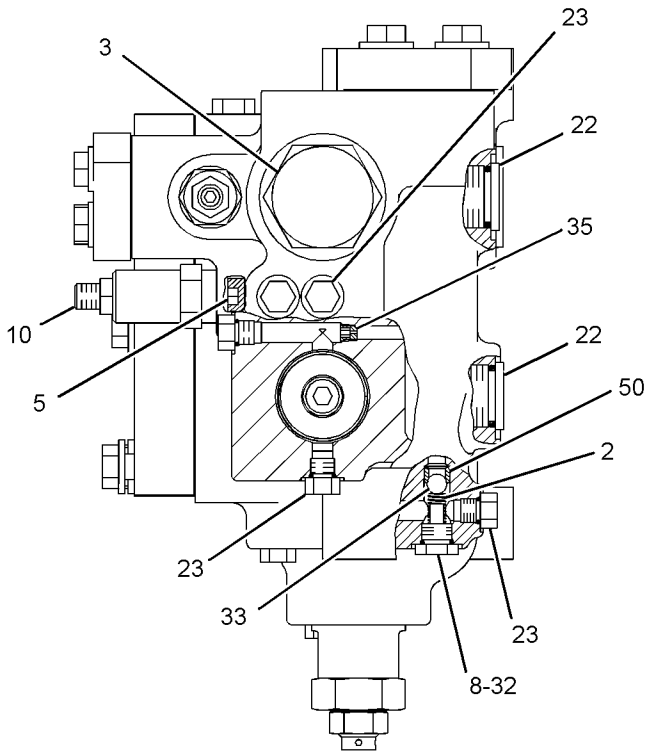


GRAPHIC #1 g01422851

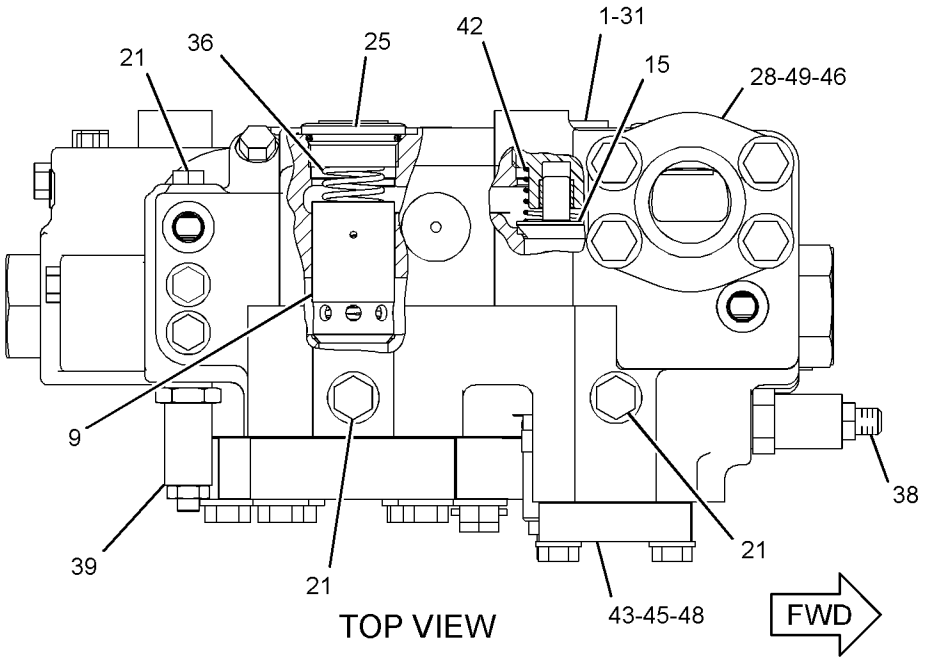
301-4608 **VALVE GP-STEERING (**contd.**)** **i05793267**



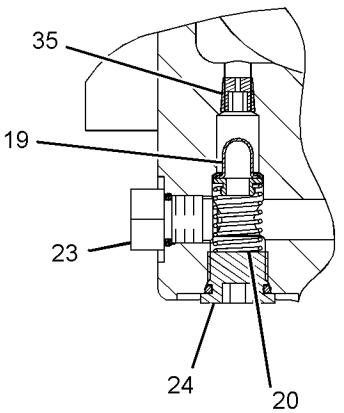
REAR VIEW



FRONT VIEW



TOP VIEW



SECTION A-A

GRAPHIC #2 <END> g02176658

6E-2923 VALVE GP-STEERING—WITH SECONDARY STEERING

S/N: BTW1-154

PART OF 229-7355 LINES GP-SECONDARY STEERING

SMCS-4307 **i02673124**

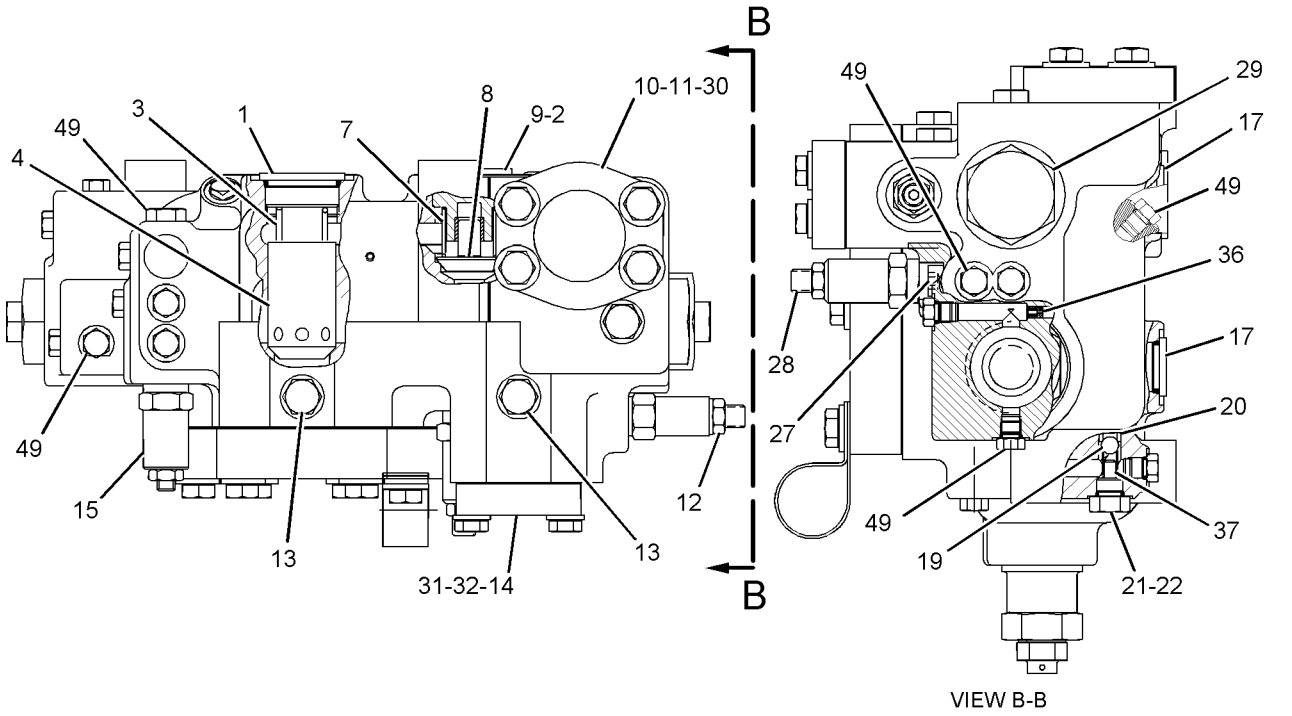
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	*183-7262*	1	PLUG AS	
		1	**9S-8010**	1	PLUG	
		1	**2S-4078**	1	SEAL-O-RING	
C	2	1	**2S-4078**	2	SEAL-O-RING	
	3	1	**5J-3419**	1	SPRING	
	4	1	**6E-3780**	1	VALVE (PRIMARY STEERING PUMP CHECK)	
	7	1	**7S-8491**	1	SPRING	
	8	1	**7J-7423**	1	VALVE-CONTROL (SECONDARY STEERING PUMP CHECK)	
	9	1	**1U-0323**	1	PLUG AS	
		1	**1U-0322**	1	BUSHING	
		1	**3G-2683**	1	PLUG	
	10	1	**1P-4579**	2	FLANGE-HALF	
	11	1	**8T-4223**	16	WASHER-HARD (13.5X25.5X3-MM THK)	
Y	12	1	**6E-3986**	1	VALVE GP-RELIEF (SECONDARY STEERING)	1182
C	13	1	*148-8407*	3	PLUG AS	
					(EACH INCLUDES)	
		1	**9S-4191**	1	PLUG (9/16-18-THD)	
		1	**3J-1907**	1	SEAL-O-RING	
	14	1	**8C-3206**	2	FLANGE-HALF	
J	15	1	**6E-4286**	1	VALVE GP-PRESSURE REDUCING	
Y	16	1	**10O-4335**	1	VALVE GP-RELIEF (PUMP BACKUP)	1181
C	17	1	*148-8409*	3	PLUG AS	
					(EACH INCLUDES)	
		1	**9S-8008**	1	PLUG (1-1/16-12-THD)	
		1	**3D-2824**	1	SEAL-O-RING	
	19	1	**4B-9782**	2	BALL	
	20	1	**2S-2596**	2	SPRING	
	21	1	*6E-3779*	2	PLUG AS	
					(EACH INCLUDES)	
		1	**7J-1089**	1	PLUG	
		1	**7M-5130**	1	PIN-SPRING	
C	22	1	**3J-1907**	2	SEAL-O-RING	
	23	1	**6E-4513**	1	ADAPTER-O-RING	
	24	1	**1P-5767**	6	FLANGE-HALF	
	25	1	**6E-4514**	1	ADAPTER-O-RING	
	26	1	**6K-6307**	1	SEAL-O-RING	
Y	27	1	**4T-1860**	1	VALVE GP-SHUTTLE (BALL RESOLVER)	1184
U	28	1	**6E-3985**	1	VALVE GP-RELIEF (STEERING CYLINDER CROSSOVER)	
L	29	1	**2U-7345**	1	VALVE-DIVERTER (SECONDARY STEERING)	
M	30	1	**8T-4183**	4	BOLT (M12X1.75X40-MM)	
M	31	1	**8T-4196**	4	BOLT (M10X1.5X35-MM)	
	32	1	**8T-4121**	4	WASHER-HARD (11X21X2.5-MM THK)	
C	33	1	*183-7263*	1	PLUG AS	
		1	**9S-8002**	1	PLUG (7/16-20-THD)	
		1	**3J-7354**	1	SEAL-O-RING	
	36	1	**4T-4207**	2	PLUG-ORIFICE	
	37	1	**9J-9821**	2	SEAT	
	38	1	**6E-3775**	1	RETAINER	

6E-2923 **VALVE GP-STEERING (**contd.**)** **i02673124**

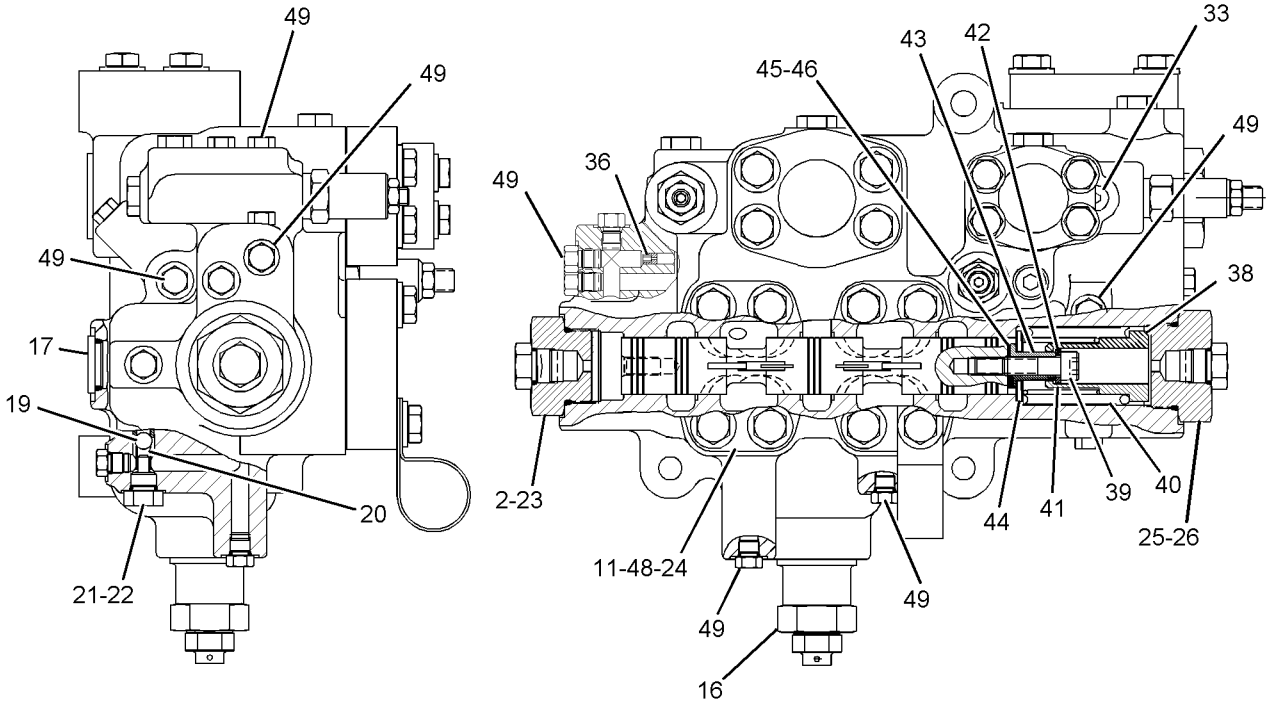
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	39	1	**8T-2223**	1	BOLT-SOCKET HEAD (M10X1.5X45-MM)	
	40	1	**6E-4500**	1	SPRING	
	41	1	**6E-4499**	1	SPRING	
	42	1	**8T-4896**	1	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	43	1	**292-4307**	1	RETAINER	
	44	1	**7J-2927**	1	WASHER (16.66X39.37X3.96-MM THK)	
B	45	1	**5J-4776**	1	SHIM (0.127-MM THK)	
B	46	1	**4J-8224**	5	SHIM (0.254-MM THK)	
M	48	1	**8T-4194**	12	BOLT (M12X1.75X50-MM)	
C	49	1	*155-3624*	16	PLUG AS	
					(EACH INCLUDES)	
		1	**9S-4182**	1	PLUG (7/16-20-THD)	
		1	**3J-7354**	1	SEAL-O-RING	
					AVAILABLE REPAIR KIT(S):	
J			**6E-4287**	1	KIT-SEAL (PRESSURE REDUCING VALVE)	
					(INCLUDES 3 SEALS & 3 RINGS)	
L			**2U-7354**		KIT-SEAL (DIVERTER VALVE)	
					(INCLUDES 5 SEAL O-RINGS & 8 RING BACK-UPS)	
U			**6E-4288**	1	KIT-SEAL (CROSSOVER RELIEF VALVE)	
					(INCLUDES 2 SEALS & 2 RINGS)	

B - USE AS REQUIRED
C - CHANGE FROM PREVIOUS TYPE
J - KIT MARKED J SERVICES PART(S) MARKED J
L - KIT MARKED L SERVICES PART(S) MARKED L
M - METRIC PART
U - KIT MARKED U SERVICES PART(S) MARKED U
Y - SEPARATE ILLUSTRATION

6E-2923 **VALVE GP-STEERING (**contd.**)** **i02673124**



VIEW B-B



GRAPHIC #1 <END> g01088734

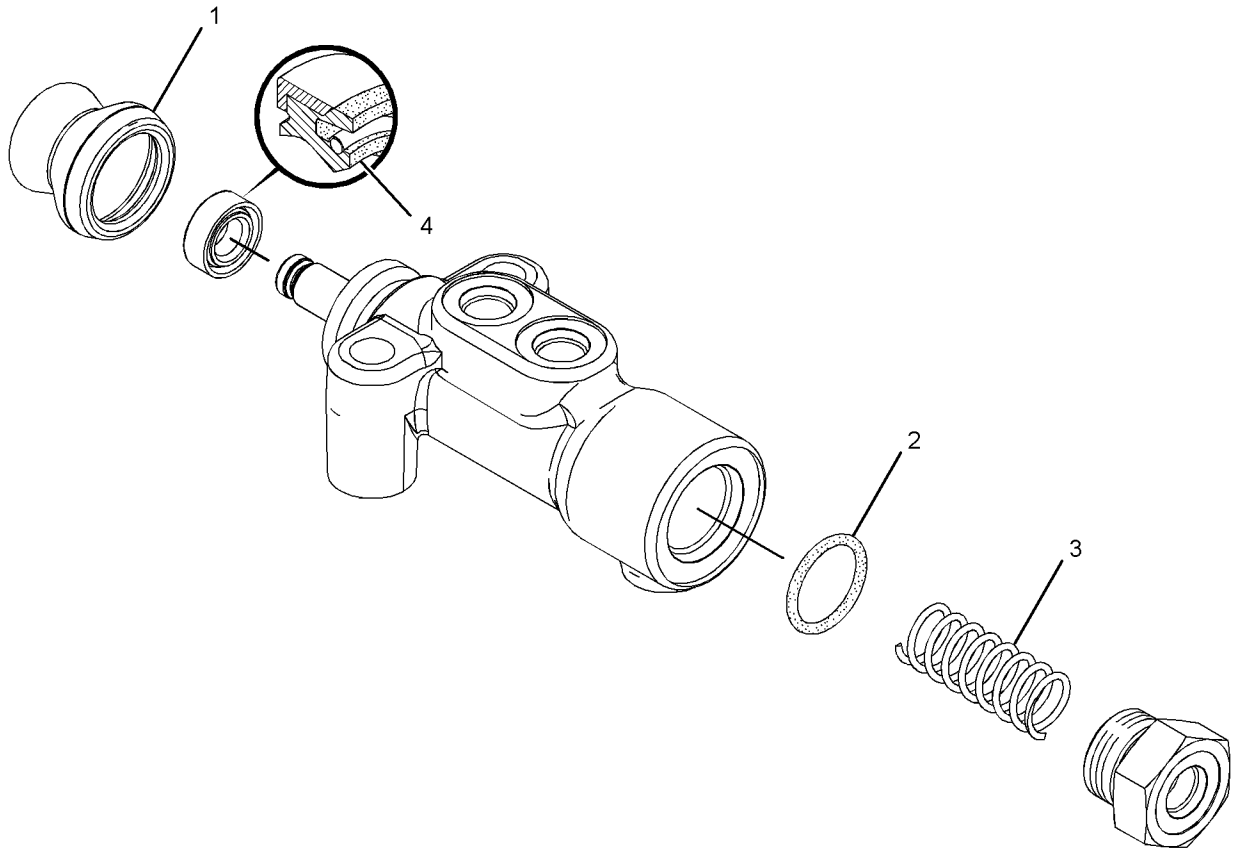
296-5662 VALVE GP-STEERING NEUTRALIZER–STIC STEERING

S/N: BTW187-UP

PART OF 229-7348 VALVE & LINES GP-STEERING NEUT

SMCS-4330 **i06883981**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6J-4568**	1	BOOT	
	2	1	**3D-2824**	1	SEAL-O-RING	
	3	1	**293-5263**	1	SPRING	
	4	1	**447-5613**	1	SEAL-LIP TYPE	
					PARTS SHOWN IN GRAPHIC(S) WITHOUT A REFERENCE NUMBER ARE NOT SERVICED SEPARATELY	



GRAPHIC #1 <END> g01955696

9T-7426 VALVE GP-STEERING NEUTRALIZER

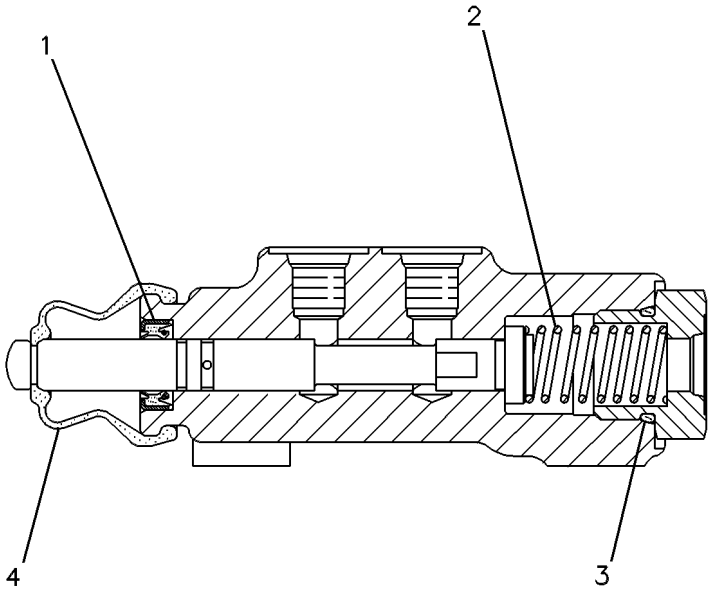
S/N: BTW1-186

PART OF 229-7348 VALVE & LINES GP-STEERING NEUT

SMCS-4330 **i00174378**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	**6V-1949**	1	SEAL-LIP TYPE	
	2	1	**5F-9035**	1	SPRING	
	3	1	**3D-2824**	1	SEAL-O-RING	
	4	1	**6J-4568**	1	BOOT	

C - CHANGE FROM PREVIOUS TYPE



GRAPHIC #1 <END> g00122383

209-3276 BULLDOZER AR

S/N: BTW1-UP

PART OF 230-3272 COMMON AR

SMCS-6050 **i05340317**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*377-4725*	1	CYLINDER & MTG GP-ANGLE BLADE	999
Y	*209-9858*	1	LINES GP-TILT CYLINDER	1058
Y	*149-5959*	1	LINK GP-STABILIZER	1195
Y	*213-7543*	1	MOUNTING GP-TRUNNION (BULLDOZER)	1196
Y	*212-1329*	1	PIN GP-BULLDOZER	1197
Y	*149-5956*	1	PUSH ARM GP (RH)	1198
Y	*149-5957*	1	PUSH ARM GP (LH)	1201
Y	*149-5961*	1	TRUNNION GP-BULLDOZER	1204

Y - SEPARATE ILLUSTRATION

<END>

149-5959 LINK GP-STABILIZER

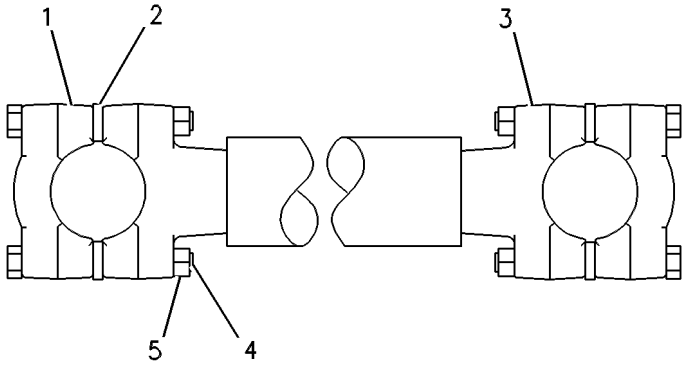
S/N: BTW1-UP

PART OF 209-3276 BULLDOZER AR

SMCS-6071, 7203 **i01060176**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**160-6303**	2	CAP-BEARING	
B	2	1	**4T-9470**	52	SHIM	
	3	1	**153-9486**	1	LINK AS	
	4	1	**7X-0395**	8	BOLT (7/8-9X8-IN)	
	5	1	**7X-0449**	8	NUT-FULL (7/8-9-THD)	

B - USE AS REQUIRED



GRAPHIC #1 <END> g00343691

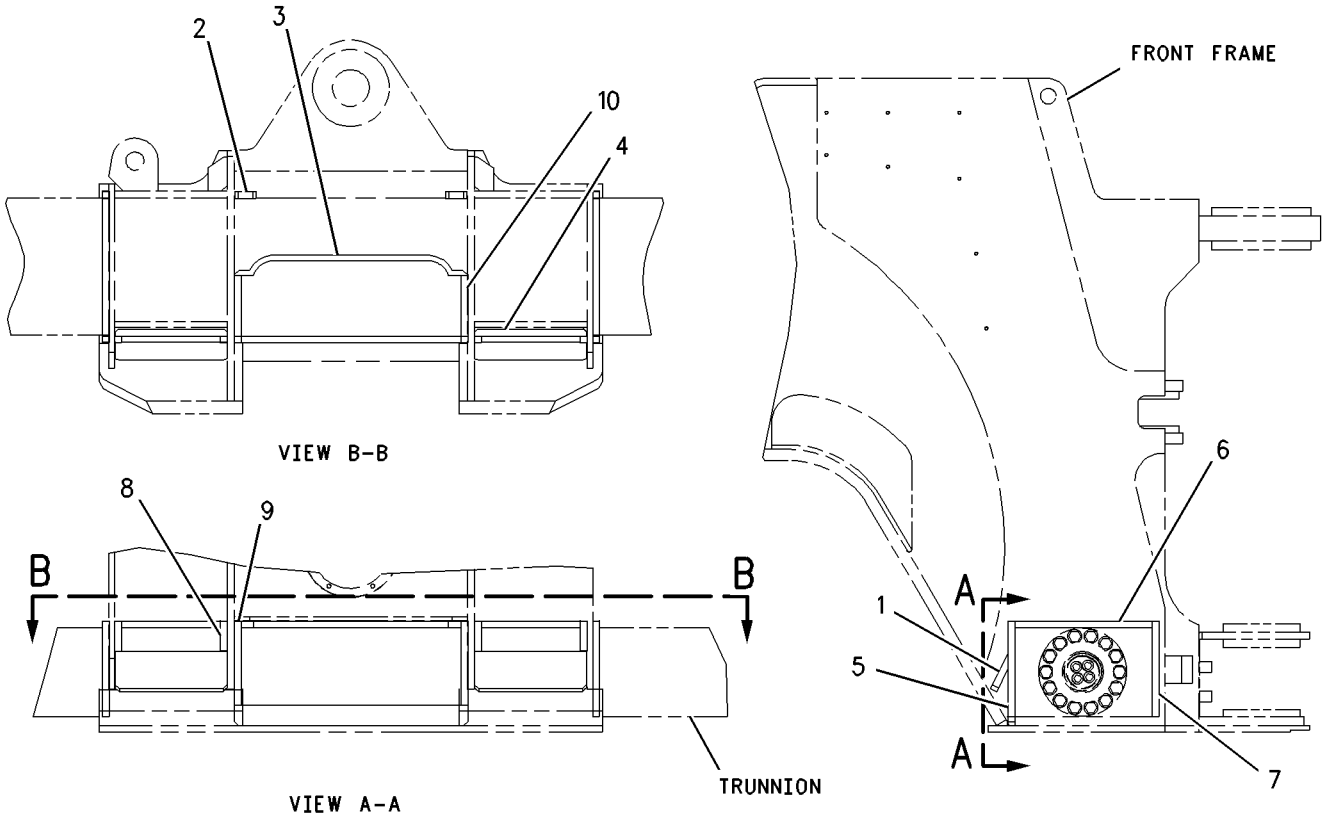
213-7543 MOUNTING GP-TRUNNION—BULLDOZER

S/N: BTW1-UP

PART OF 209-3276 BULLDOZER AR

SMCS-6069 **i01697495**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**195-9953**	2	PLATE	
	2	1	**197-8586**	2	BAR	
	3	1	**197-8587**	1	BAR	
	4	1	**197-8588**	2	BAR	
	5	1	**197-8590**	1	BAR	
	6	1	**197-8591**	2	BAR	
	7	1	**197-8592**	4	BAR	
	8	1	**197-8593**	4	BAR	
	9	1	**197-8594**	2	BAR	
	10	1	**197-8595**	2	BAR	



GRAPHIC #1 <END> g00877690

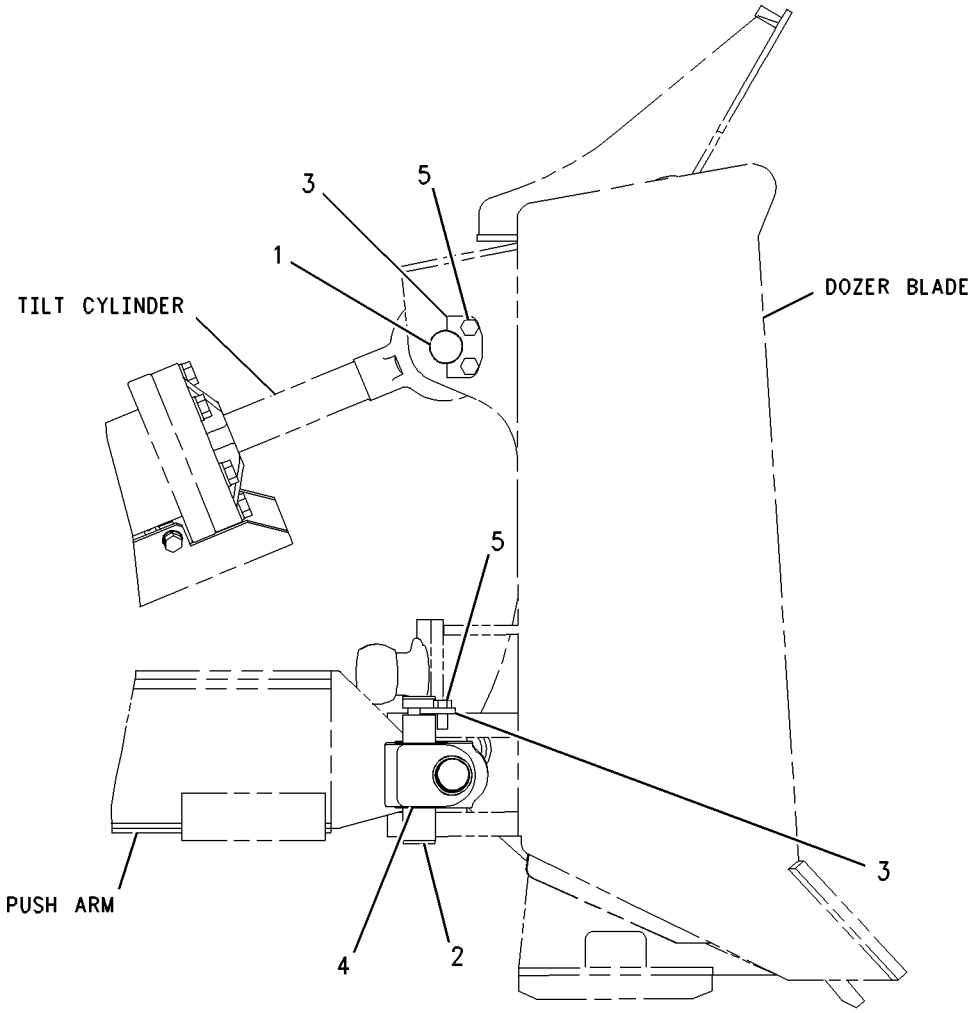
212-1329 PIN GP-BULLDOZER

S/N: BTW1-UP

PART OF 209-3276 BULLDOZER AR

SMCS-5104, 6061, 6065, 6066 **i01634092**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1U-2472**	2	PIN	
	2	1	**4T-7534**	2	PIN	
	3	1	**6J-5179**	4	RETAINER	
	4	1	**8E-6758**	2	CONNECTOR AS	
					(EACH INCLUDES)	
		1	**8E-6752**	4	BUSHING	
	5	1	**7X-0380**	8	BOLT (7/8-9X1.75-IN)	



GRAPHIC #1 <END> g00846974

149-5956 PUSH ARM GP–RH

S/N: BTW1-226

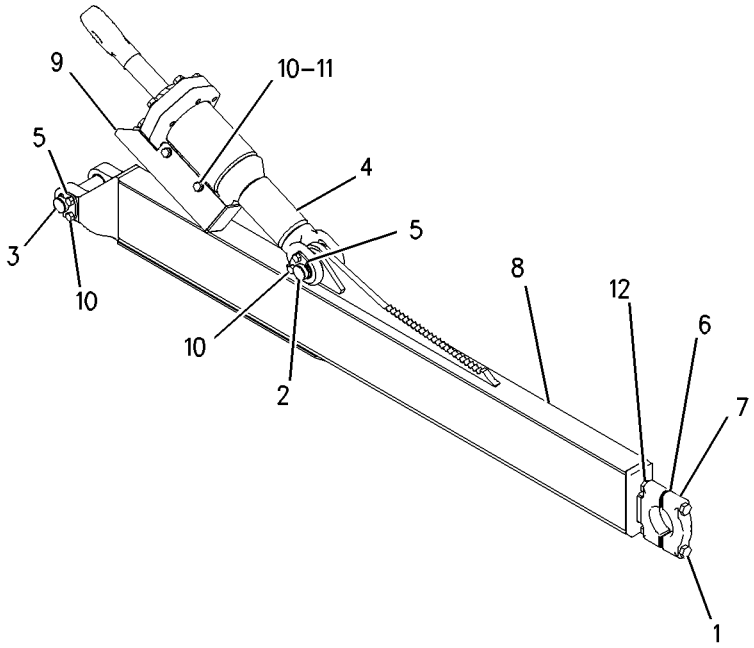
PART OF 209-3276 BULLDOZER AR

SMCS-6061 **i01655392**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1D-4649**	2	BOLT (1-1/4-7X10-IN)	
	2	1	**3G-7016**	1	PIN	
	3	1	**4T-7534**	1	PIN	
Y	4	1	**6E-4836**	1	CYLINDER GP-TILT & TIP (RH)	1018
	5	1	**6J-5179**	2	RETAINER	
B	6	1	**7T-2425**	26	SHIM	
	7	1	**7T-3560**	1	CAP-BEARING	
	8	1	**153-9483**	1	PUSH ARM AS (RH)	
		1	**3G-6997**	1	BRACKET AS	
		1	**3G-9598**	2	BUSHING	
		1	**3G-7000**	1	BRACKET AS	
		1	**3G-7013**	1	BEARING AS	
B		1	**7T-2425**	14	SHIM	
		1	**7T-2450**	1	CAP-BEARING	
	9	1	**154-1923**	1	GUARD AS	
	10	1	**7X-0380**	8	BOLT (7/8-9X1.75-IN)	
	11	1	**8C-6913**	4	WASHER-HARD (24X41.5X4-MM THK)	
	12	1	**3K-9770**	2	NUT-FULL (1-1/4-7-THD)	

B - USE AS REQUIRED
Y - SEPARATE ILLUSTRATION

149-5956 **PUSH ARM GP (**contd.**)** **i01655392**



GRAPHIC #1 <END> g00664186

149-5956 PUSH ARM GP–RH

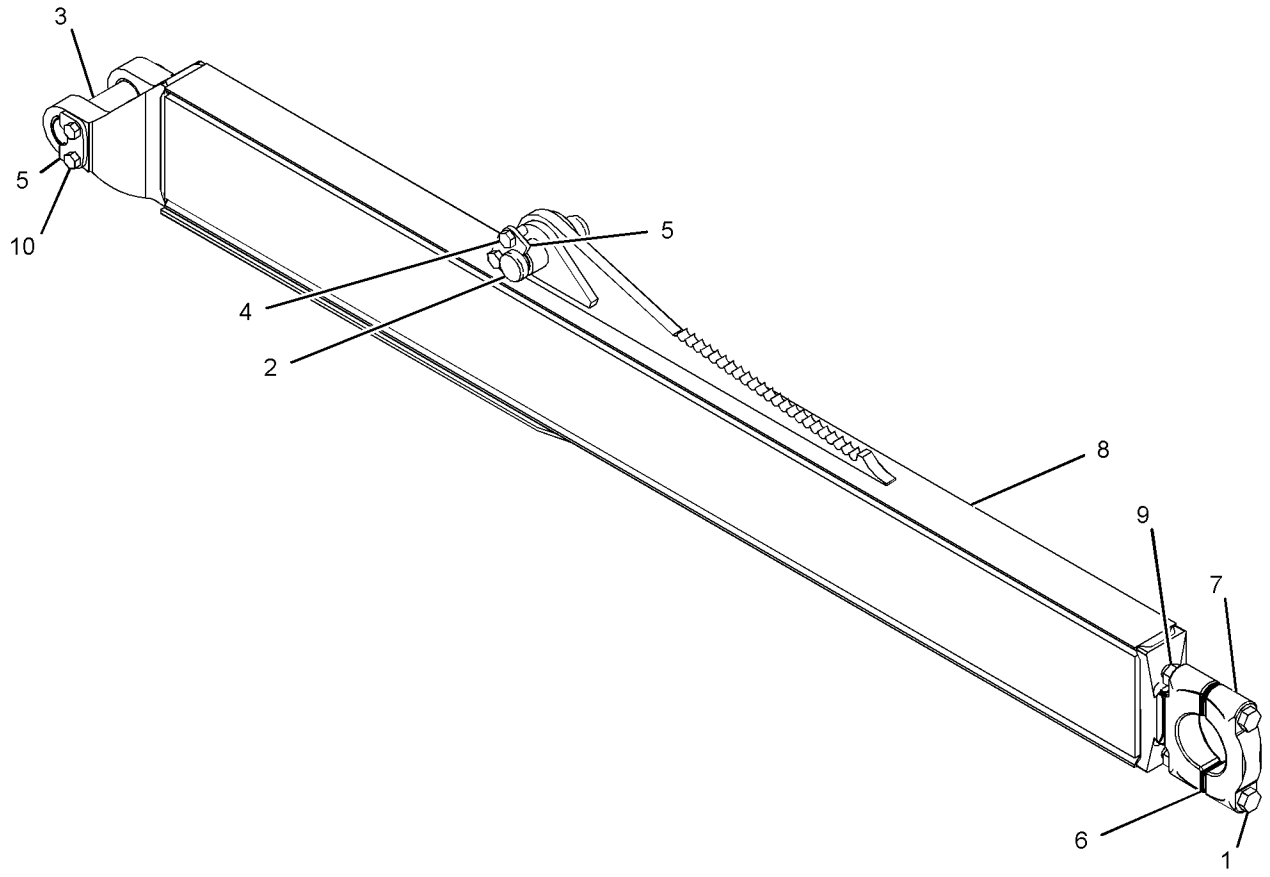
S/N: BTW227-UP

PART OF 209-3276 BULLDOZER AR

SMCS-6061 **i05187135**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1D-4649**	2	BOLT (1-1/4-7X10-IN)	
	2	1	**3G-7016**	1	PIN	
	3	1	**4T-7534**	1	PIN	
CM	4	1	**7X-2574**	2	BOLT (M24X3X45-MM)	
	5	1	**6J-5179**	2	RETAINER	
B	6	1	**7T-2425**	26	SHIM	
	7	1	**7T-3560**	1	CAP-BEARING	
	8	1	**153-9483**	1	PUSH ARM AS (RH)	
		1	**3G-6997**	1	BRACKET AS	
		1	**3G-9598**	2	BUSHING	
		1	**3G-7000**	1	BRACKET AS	
		1	**3G-7013**	1	BEARING AS	
B		1	**7T-2425**	14	SHIM	
		1	**7T-2450**	1	CAP-BEARING	
	9	1	**3K-9770**	2	NUT-FULL (1-1/4-7-THD)	
C	10	1	**7X-0380**	2	BOLT (7/8-9X1.75-IN)	

B - USE AS REQUIRED
C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART



GRAPHIC #1 <END> g03352484

149-5957 PUSH ARM GP–LH

S/N: BTW1-226

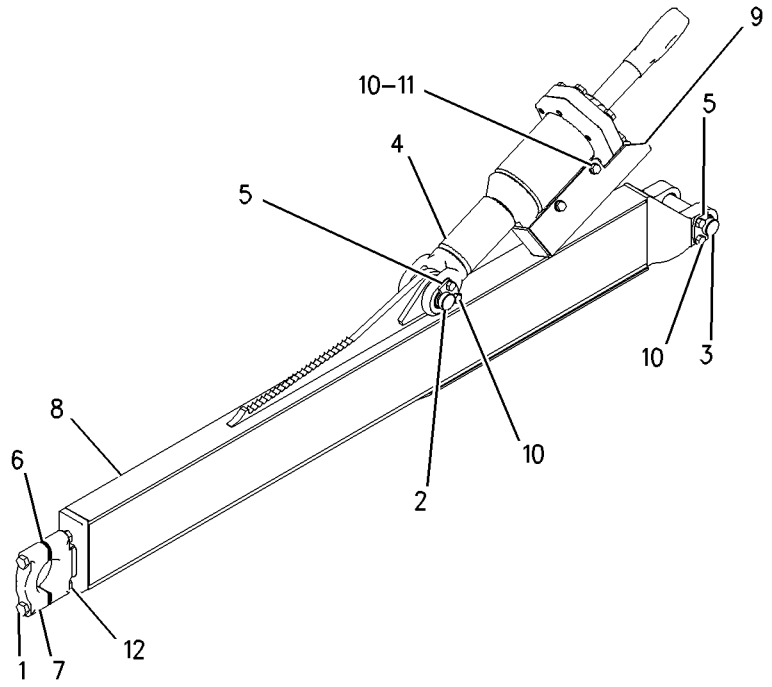
PART OF 209-3276 BULLDOZER AR

SMCS-6061 **i01655390**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1D-4649**	2	BOLT (1-1/4-7X10-IN)	
	2	1	**3G-7016**	1	PIN	
	3	1	**4T-7534**	1	PIN	
Y	4	1	**6E-4835**	1	CYLINDER GP-TILT & TIP (LH)	1016
	5	1	**6J-5179**	2	RETAINER	
B	6	1	**7T-2425**	26	SHIM	
	7	1	**7T-3560**	1	CAP-BEARING	
	8	1	**153-9484**	1	PUSH ARM AS	
		1	**3G-6998**	1	BRACKET AS	
		1	**3G-9598**	2	BUSHING	
		1	**3G-7000**	1	BRACKET AS	
		1	**3G-7013**	1	BEARING AS	
B		1	**7T-2425**	14	SHIM	
		1	**7T-2450**	1	CAP-BEARING	
	9	1	**154-1923**	1	GUARD AS	
	10	1	**7X-0380**	8	BOLT (7/8-9X1.75-IN)	
	11	1	**8C-6913**	4	WASHER-HARD (24X41.5X4-MM THK)	
	12	1	**3K-9770**	2	NUT-FULL (1-1/4-7-THD)	

B - USE AS REQUIRED
Y - SEPARATE ILLUSTRATION

149-5957 **PUSH ARM GP** (contd.) **i01655390**



GRAPHIC #1 <END> g00664188

149-5957 PUSH ARM GP–LH

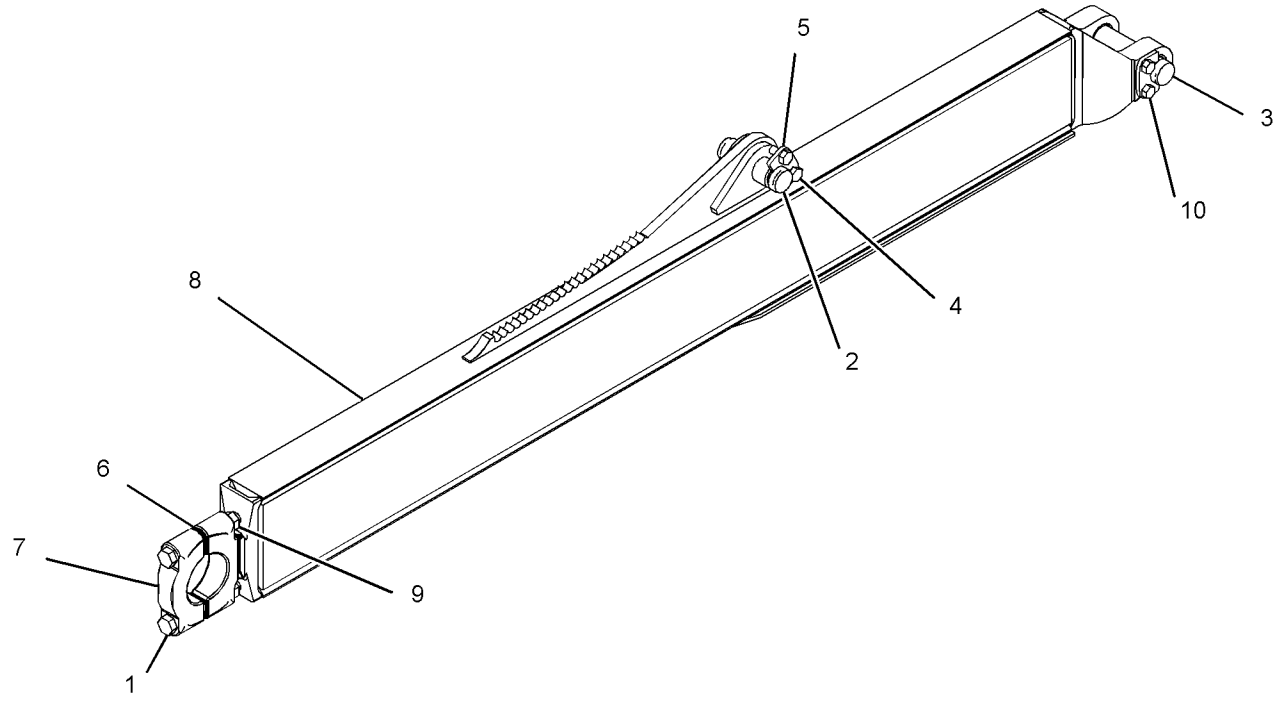
S/N: BTW227-UP

PART OF 209-3276 BULLDOZER AR

SMCS-6061 **i05237551**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1D-4649**	2	BOLT (1-1/4-7X10-IN)	
	2	1	**3G-7016**	1	PIN	
	3	1	**4T-7534**	1	PIN	
CM	4	1	**7X-2574**	2	BOLT (M24X3X45-MM)	
	5	1	**6J-5179**	2	RETAINER	
B	6	1	**7T-2425**	26	SHIM	
	7	1	**7T-3560**	1	CAP-BEARING	
	8	1	**153-9484**	1	PUSH ARM AS	
		1	**3G-6998**	1	BRACKET AS	
		1	**3G-9598**	2	BUSHING	
		1	**3G-7000**	1	BRACKET AS	
		1	**3G-7013**	1	BEARING AS	
B		1	**7T-2425**	14	SHIM	
		1	**7T-2450**	1	CAP-BEARING	
	9	1	**3K-9770**	2	NUT-FULL (1-1/4-7-THD)	
C	10	1	**7X-0380**	2	BOLT (7/8-9X1.75-IN)	

B - USE AS REQUIRED
C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART



GRAPHIC #1 <END> g03352467

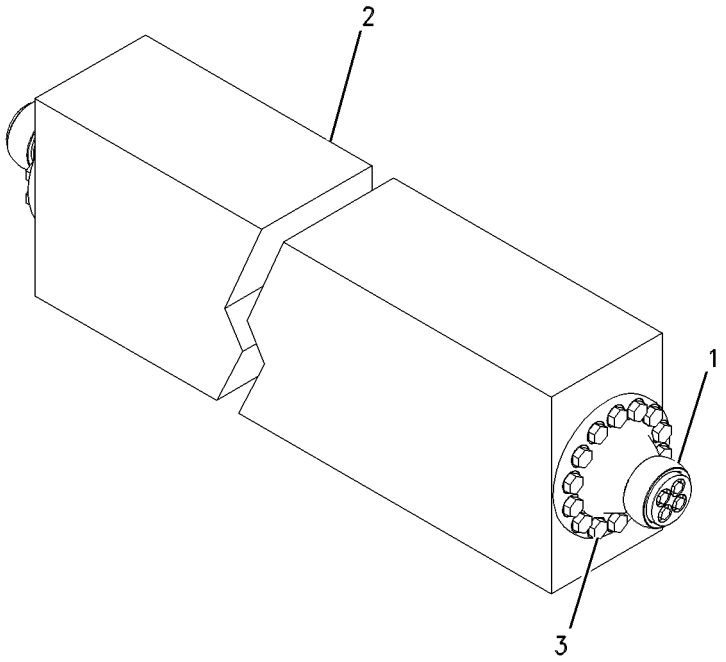
149-5961 TRUNNION GP-BULLDOZER

S/N: BTW1-UP

PART OF 209-3276 BULLDOZER AR

SMCS-6069 **i00773456**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7T-2879**	2	TRUNNION AS	
					(EACH INCLUDES)	
		1	**1U-0210**	1	BEARING	
		1	**7T-2654**	1	RETAINER	
		1	**7X-0346**	4	BOLT (5/8-11X2-IN)	
	2	1	**153-9485**	1	BEAM-PUSH	
	3	1	**7X-0404**	28	BOLT (1-8X2.5-IN)	



GRAPHIC #1 <END> g00354624

237-9570 ACCUMULATOR GP-REFRIGERANT

S/N: BTW1-UP

PART OF 229-7354 LINES GP-AIR CONDITIONER

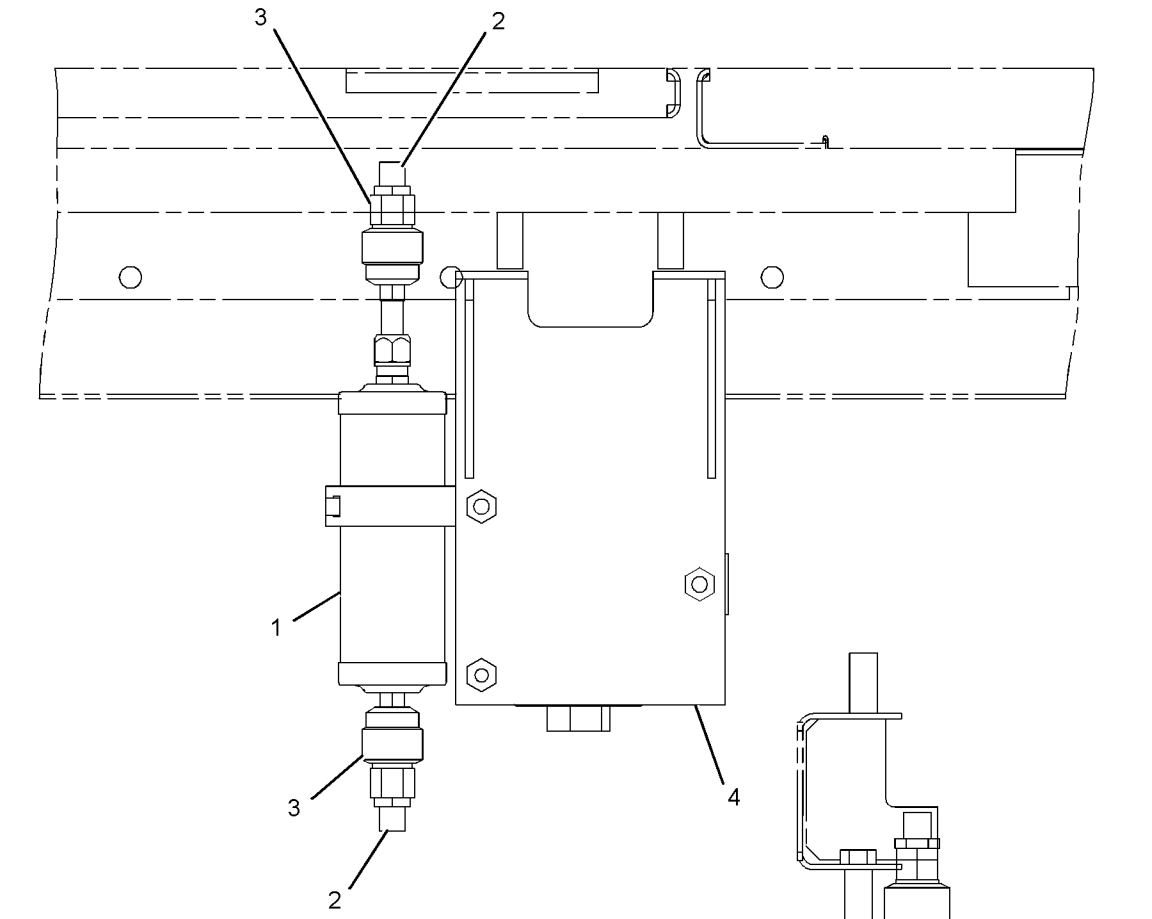
SMCS-1808, 7320

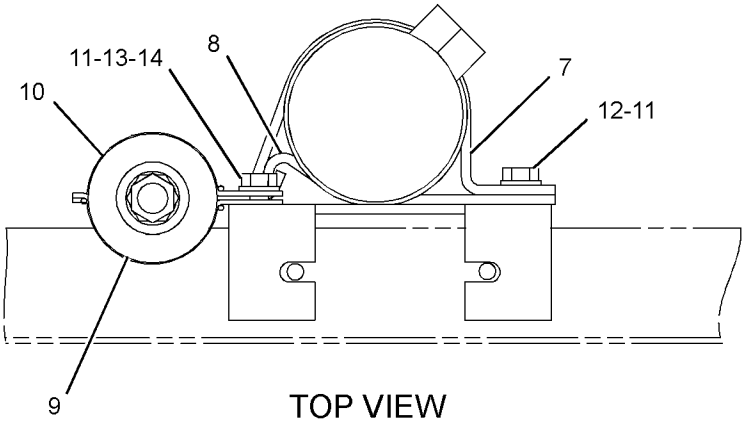
i03898823

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**175-7162**	1	DRYER AS-REFRIGERANT (IN-LINE)	
		1	**7X-2049**	1	TUBE AS	
		1	**330-3117**	1	FILM-WARNING (UNIVERSAL, READ OMM)	
	2	1	**103-6100**	2	FITTING AS-AIR CONDITIONER (QUICK DISCONNECT)	
					(EACH INCLUDES)	
		1	**9X-7382**	2	SEAL-O-RING	
	3	1	**116-6202**	2	BOOT	
	4	1	**169-0410**	1	BRACKET AS	
	5	1	**186-6189**	1	ACCUMULATOR-REFRIGERANT	
D	6	1	**6V-2495**	1	SEAL (.1-M)	
	7	1	**6V-4356**	1	CLIP (SLOT)	
	8	1	**6V-4357**	1	CLIP (TAB)	
	9	1	**8S-6109**	1	CLIP (SLOT)	
	10	1	**8S-6110**	1	CLIP (TAB)	
	11	1	**8T-4121**	2	WASHER-HARD (11X21X2.5-MM THK)	
M	12	1	**8T-4195**	1	BOLT (M10X1.5X30-MM)	
M	13	1	**8T-4186**	1	BOLT (M10X1.5X40-MM)	
	14	1	**5H-4744**	1	SPACER (7/16-IN THK)	

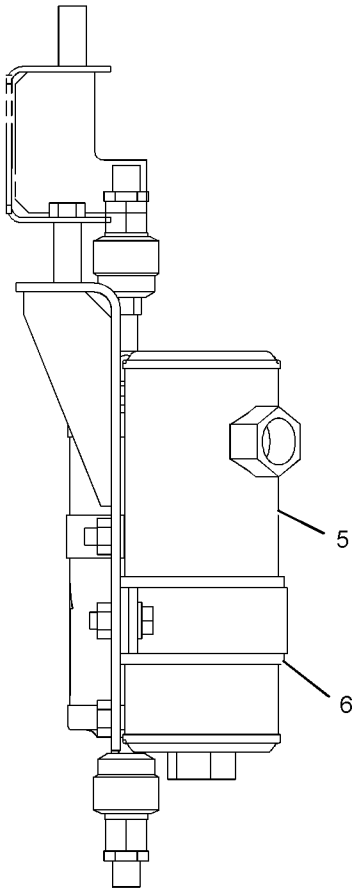
D - ORDER BY THE METER
M - METRIC PART

237-9570 **ACCUMULATOR GP-REFRIGERANT (**contd.**)** **i03898823**





TOP VIEW



RIGHT SIDE VIEW

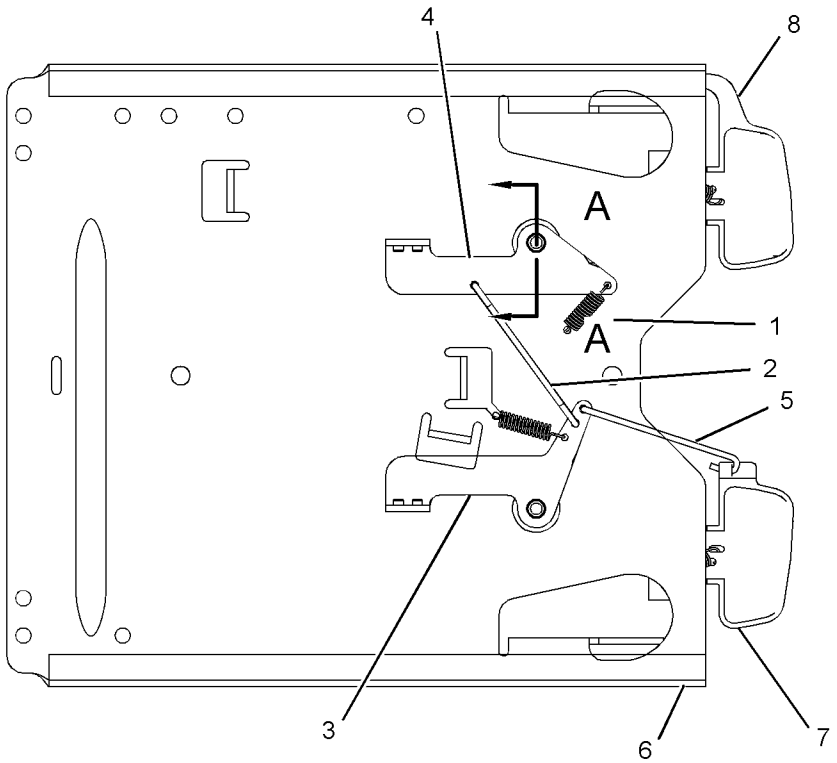
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173-1028 ADJUSTER GP-SEAT

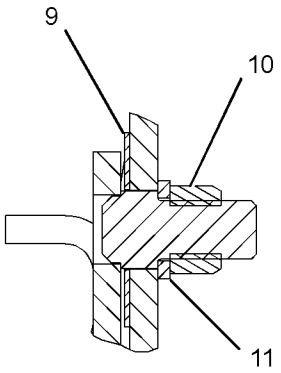
S/N: BTW1-UP
SLIDE
PART OF 178-7910 SEAT GP

SMCS-7321 **i03396461**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4V-8256**	4	SPRING	
	2	1	**117-4492**	1	ROD	
	3	1	**136-1544**	1	LATCH AS (LH)	
	4	1	**156-5545**	1	LATCH AS (RH)	
	5	1	**164-4531**	1	ROD	
	6	1	**170-1112**	1	PLATE AS	
	7	1	**170-1114**	1	HANDLE (SLIDE ADJUSTMENT)	
	8	1	**170-1115**	1	HANDLE (TILT ADJUSTMENT)	
	9	1	**132-0338**	2	WASHER-PLASTIC (13X31.7X0.8-MM THK)	
	10	1	**2K-4973**	2	LOCKNUT (3/8-16-THD)	
	11	1	**7X-0608**	2	WASHER-HARD (10.2X16X2-MM THK)	



BOTTOM VIEW



SECTION A-A

GRAPHIC #1 <END> g01191495

214-0783 AIR COMPRESSOR GP-SEAT—HEAVY-DUTY

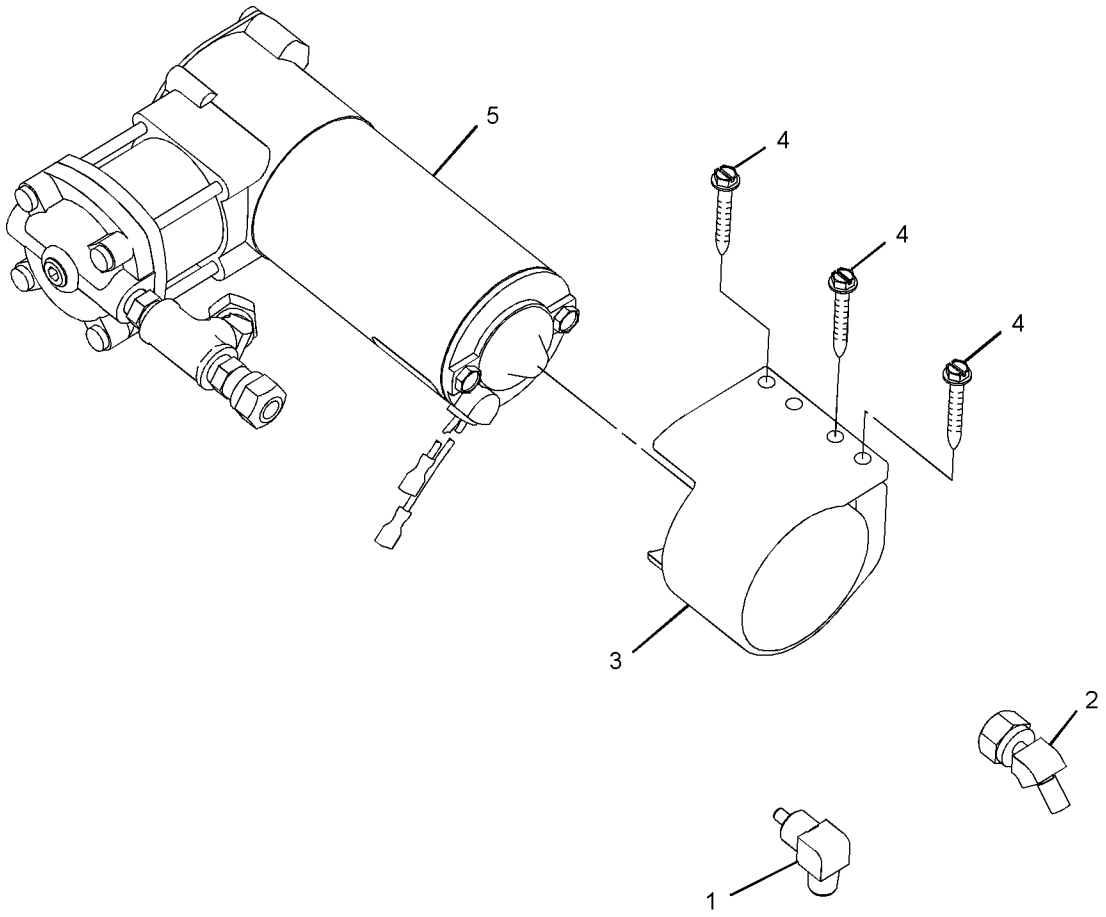
S/N: BTW1-UP

FIELD REPLACEMENT FOR 237-3970—PAGE: 1209

SMCS-731S, 7324

i02638502

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**5P-4423**	1	ELBOW	
	2	1	**5P-4432**	1	ELBOW-AIR BRAKE	
	3	1	**175-5058**	1	MOUNT	
	4	1	**186-5107**	3	SCREW-DRIVE (NO 8-16X1.25-IN)	
	5	1	**214-0784**	1	COMPRESSOR AS	



GRAPHIC #1 <END> g01040572

237-3970 AIR COMPRESSOR GP-SEAT–HEAVY-DUTY

S/N: BTW1-UP

FOR OPTIONAL FIELD REPLACEMENT ORDER 211-5358 CONDUIT (100-CM), 5P-6010 TUBE (1-M)

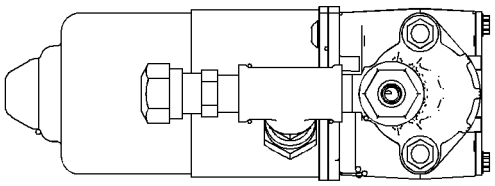
FIELD REPLACEMENT ORDER 397-6405–PAGE: 1264, 214-0783–PAGE: 1208

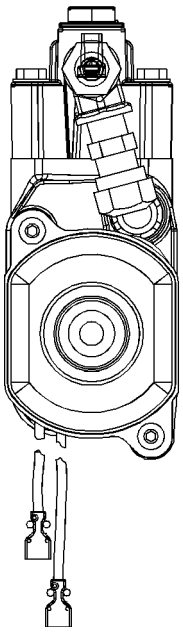
PART OF 277-8032 SUSPENSION GP-SEAT

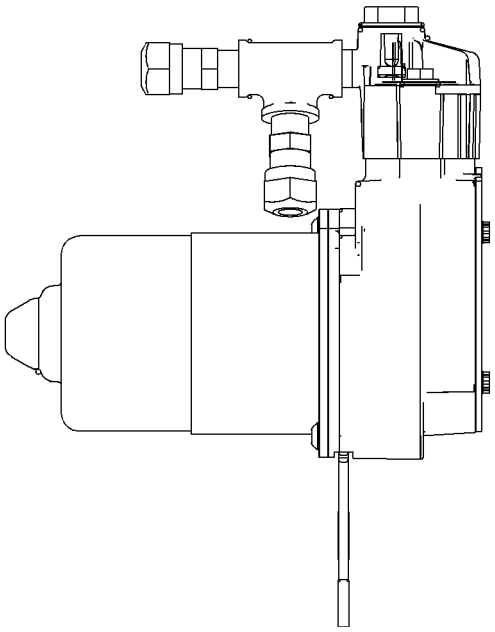
SMCS-731S, 7324

i02012095

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
					(NO SERVICED PARTS)	







GRAPHIC #1

<END>

g01040576

242-8026 AIR CONDITIONER AR

S/N: BTW1-UP

PART OF 234-5964, 281-4121 CAB AR

SMCS-7320 **i02889663**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*247-4951*	1	AIR CONDITIONER GP	1214
Y	*242-5333*	1	DUCT GP-CAB AIR	1256
Y	**250-9455**	1	FILTER GP-CAB AIR	1257
			—OR—	
Y	*315-9896*	1	FILTER GP-CAB AIR	1259

Y - SEPARATE ILLUSTRATION

<END>

123-8576 AIR CONDITIONER GP

S/N: BTW1-UP

PART OF 242-8026 AIR CONDITIONER AR

SMCS-7320 **i05329844**

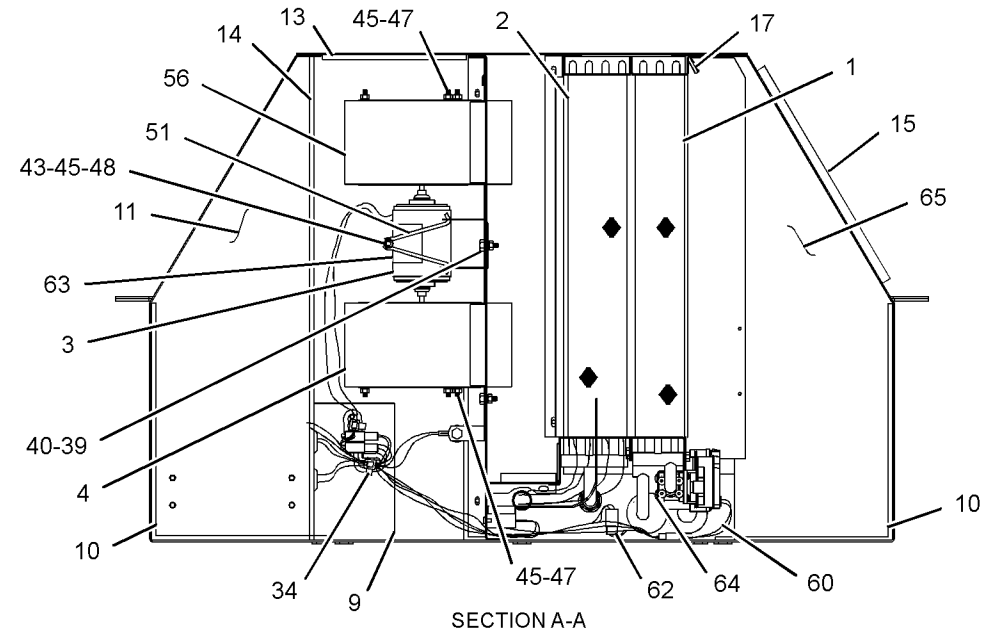
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**130-3307**	1	COIL AS-HEATER	
	2	1	**3E-6282**	1	COIL AS-EVAPORATOR	
	3	1	**316-1927**	1	MOTOR AS-BLOWER (24-VOLT, A/C, HEATER)	
		1	**9W-0852**	2	PIN-CONNECTOR (14-GA TO 16-GA)	
		1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	4	1	**8P-5141**	2	PLATE-ORIFICE	
	5	1	**3E-6280**	1	COVER	
	6	1	**3T-6774**	1	GROMMET	
E	7	1	**136-1953**		HOSE (48-CM)	
	8	1	**3E-6147**	1	INSULATION	
	9	1	**3E-7252**	1	INSULATION	
	10	1	**3E-7253**	2	INSULATION	
	11	1	**130-3590**	1	INSULATION	
	12	1	**3E-7255**	1	INSULATION	
	13	1	**3E-7256**	1	INSULATION	
	14	1	**3E-7257**	1	INSULATION	
D	15	1	**5P-5926**		SEAL (1.2-M)	
	16	1	**3E-7258**	1	INSULATION	
D	17	1	**5P-5672**		SEAL (0.3-M)	
	18	1	**5P-3945**	1	CAP	
	19	1	**5P-3950**	1	CAP	
	20	1	**9X-7381**	1	SEAL-O-RING	
	21	1	**9X-7383**	1	SEAL-O-RING	
	22	1	**9X-7384**	1	SEAL-O-RING	
	23	1	**3E-0400**	2	WHEEL AS-BLOWER	
D	24	1	**5P-7070**		INSULATION-STRIP (0.7-M)	
	25	1	**5P-6670**	2	FILM-INSTRUCTION (WATER IN, WATER OUT)	
	26	1	**6P-8855**	2	SPACER-TUBE	
	27	1	**7K-3176**	1	COUPLING AS-REFRIGERANT (SELF-SEALING)	
	28	1	**2H-3924**	2	LOCKWASHER	
	29	1	**5P-3928**	1	COUPLING AS-REFRIGERANT (SELF-SEALING)	
		1	**107-4395**	1	VALVE AS	
		1	**107-4396**	1	GASKET	
	30	1	**6V-1668**	2	WASHER (6.5X29.1X3-MM THK)	
	31	1	**3E-6145**	1	TUBE AS	
	32	1	**3E-6144**	1	TUBE AS	
	33	1	**9X-7382**	1	SEAL-O-RING	
	34	1	**3S-2093**	3	STRAP-CABLE	
	35	1	**9X-2488**	4	CLAMP-HOSE	
M	36	1	**8T-4137**	16	BOLT (M10X1.5X20-MM)	
	37	1	**8T-4121**	16	WASHER-HARD (11X21X2.5-MM THK)	
M	38	1	**7X-0490**	1	BOLT (M6X1X200-MM)	
M	39	1	**8T-4189**	3	BOLT (M8X1.25X20-MM)	
	40	1	**5P-4116**	3	WASHER-HARD (8.8X20.5X2-MM THK)	
	41	1	**178-3338**	2	SCREW (8-32X0.313-IN)	
	42	1	**3B-4501**	2	LOCKWASHER	
M	43	1	**6V-7728**	1	BOLT (M6X1X45-MM)	

123-8576 **AIR CONDITIONER GP (**contd.**)** **i05329844**

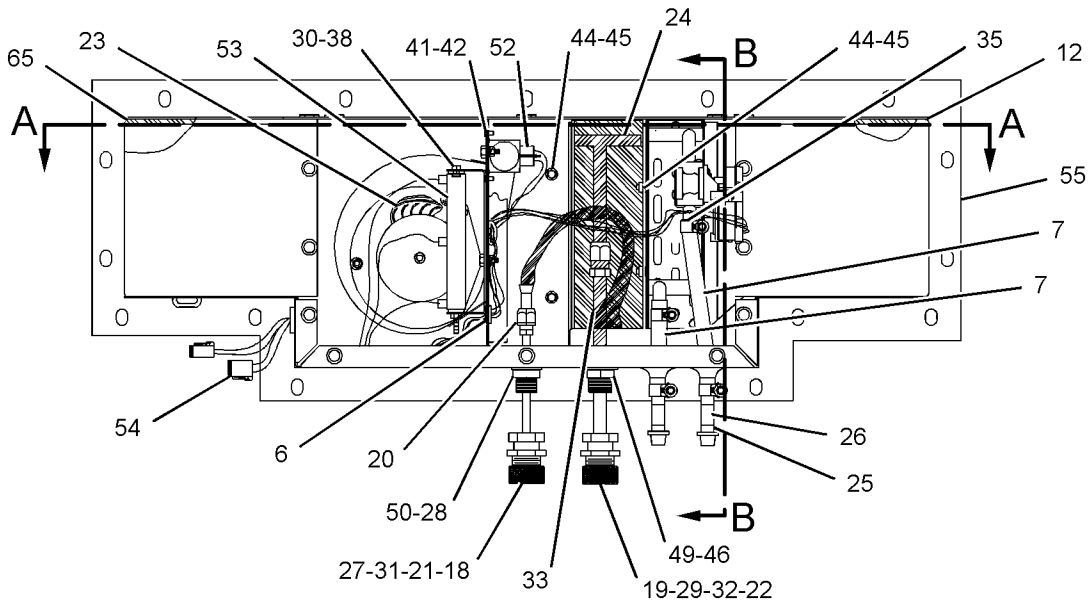
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	44	1	**6V-8837**	4	BOLT (M6X1X16-MM)	
	45	1	**8T-4205**	14	WASHER-HARD (7.2X14.5X2-MM THK)	
	46	1	**2H-3925**	2	LOCKWASHER	
M	47	1	**5C-2890**	6	NUT (M6X1-THD)	
CM	48	1	**6V-7743**	1	LOCKNUT (M6X1-THD)	
	49	1	**5B-6565**	2	NUT	
	50	1	**6V-9170**	2	NUT-BULKHEAD (1-14-THD)	
	51	1	**8C-4586**	2	CLAMP	
	52	1	**3E-5464**	1	SWITCH AS-THERMOSTAT (HVAC) (REFRIGERANT)	
	53	1	**9G-1950**	1	RESISTOR	
C	54	1	**247-0345**	1	HARNESS AS-HEATER & AIR COND	
		1	**168-9112**	3	SEAL	
		1	**155-2274**	1	KIT-CONNECTING PLUG (6-PIN)	
		1	**155-2271**	1	KIT-CONNECTING PLUG (4-PIN)	
		1	**155-2270**	2	KIT-CONNECTING PLUG (2-PIN)	
					(EACH KIT INCLUDES PLUG AS & WEDGE)	
		1	**8T-8737**	2	PLUG-SEAL	
		1	**3S-2093**	10	STRAP-CABLE	
	55	1	**130-3304**	1	CASE AS	
		1	**6K-3274**	4	PLATE-RIVET	
M		1	**6V-9632**	2	NUT-WELD (M6X1-THD)	
		1	**7T-1099**	4	LINK	
		1	**033-7291**	4	RIVET	
	56	1	**3E-6277**	1	HOUSING AS	
C	57	1	**239-5535**	1	VALVE AS-FLOW CONTROL (WATER)	
		1	**4B-4863**	4	WASHER (4.7X11X1.2-MM THK)	
		1	**4M-6582**	1	SEAL-O-RING	
		1	**124-0312**	4	SCREW-PAN HEAD (8-16X0.32-IN)	
M	58	1	**8T-4171**	2	BOLT (M6X1X12-MM)	
C	59	1	**242-2455**	1	BRACKET	
	60	1	**247-0283**	1	LOCK-CONNECTOR	
	61	1	**4M-6582**	1	SEAL-O-RING	
C	62	1	**239-9368**	1	RESISTOR AS	
D	63	1	**5P-5908**		SEAL (0.2-M)	
C	64	1	**9X-2185**	4	SCREW (8-15X0.44-IN)	
	65	1	**3E-7254**	2	INSULATION	

C - CHANGE FROM PREVIOUS TYPE
D - ORDER BY THE METER
E - ORDER BY THE CENTIMETER
M - METRIC PART

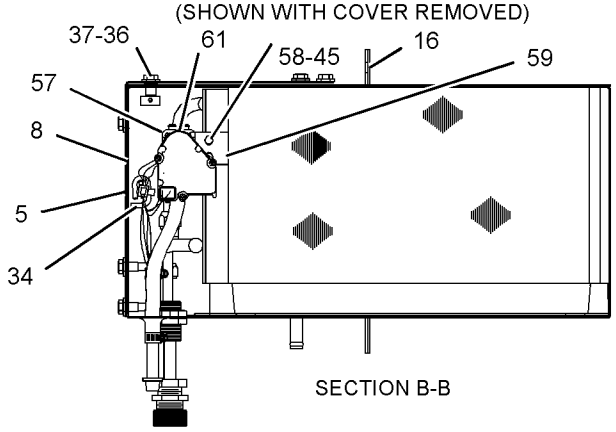
123-8576 **AIR CONDITIONER GP (**contd.**)** **i05329844**



SECTION A-A



(SHOWN WITH COVER REMOVED)



SECTION B-B

GRAPHIC #1 <END> g03376386

247-4951 AIR CONDITIONER GP

S/N: BTW1-UP

PART OF 242-8026 AIR CONDITIONER AR

SMCS-7320 **i05324110**

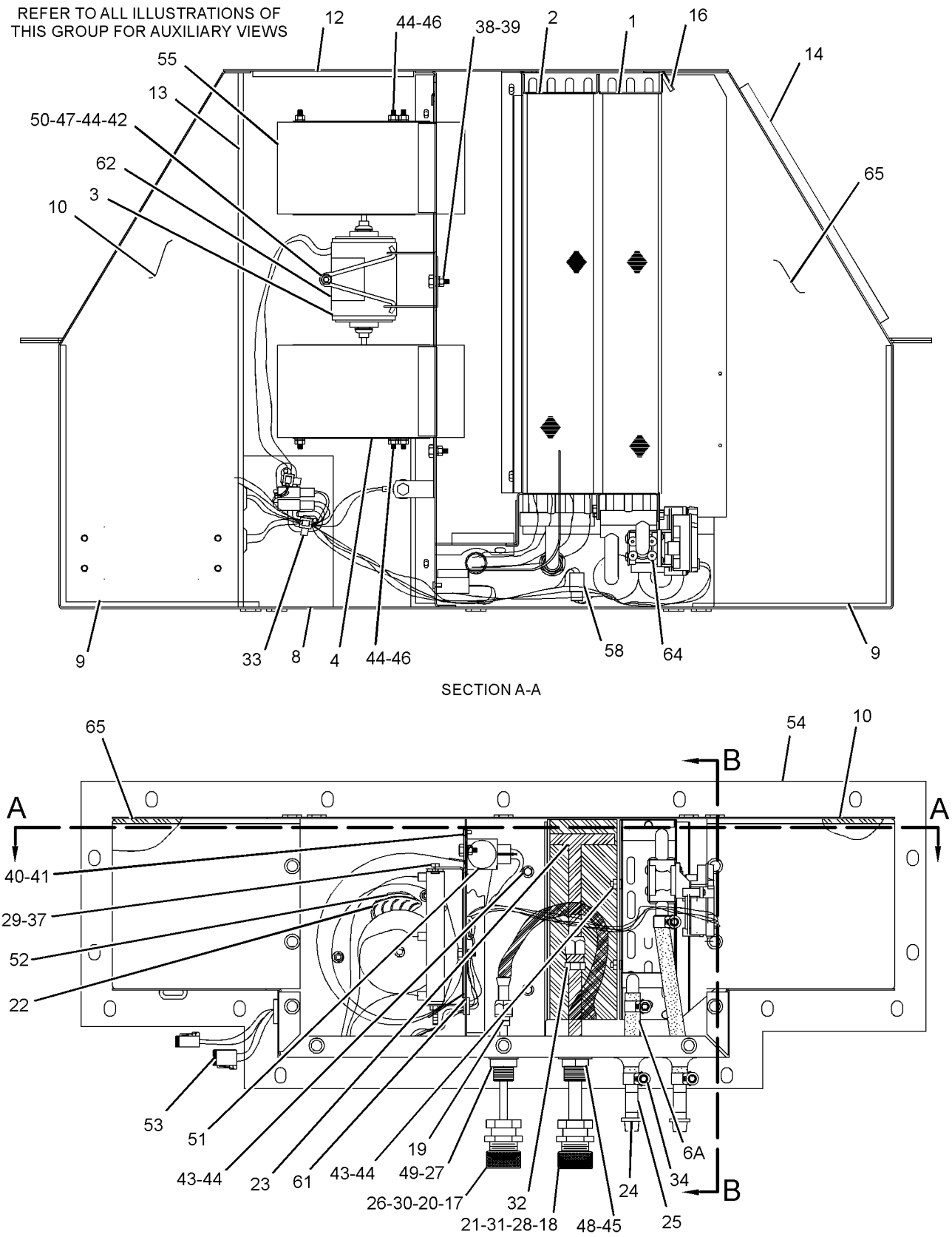
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**130-3307**	1	COIL AS-HEATER	
	2	1	**3E-6282**	1	COIL AS-EVAPORATOR	
	3	1	**316-1927**	1	MOTOR AS-BLOWER (24-VOLT, A/C, HEATER)	
		1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(KIT INCLUDES RECEPTACLE AS & WEDGE)	
		1	**9W-0852**	2	PIN-CONNECTOR (14-GA TO 16-GA)	
	4	1	**8P-5141**	2	PLATE-ORIFICE	
	5	2	**3E-6280**	1	COVER	
E	6	2	**136-1953**		HOSE (30-CM)	
E	6A	1	**136-1953**		HOSE (18-CM)	
	7	2	**3E-6147**	1	INSULATION	
	8	1	**3E-7252**	1	INSULATION	
	9	1	**3E-7253**	2	INSULATION	
	10	1	**130-3590**	1	INSULATION	
	11	1	**3E-7255**	1	INSULATION	
	12	1	**3E-7256**	1	INSULATION	
	13	1	**3E-7257**	1	INSULATION	
D	14	1	**5P-5926**		SEAL (1.2-M)	
	15	2	**3E-7258**	1	INSULATION	
D	16	1	**5P-5672**		SEAL (0.3-M)	
	17	1	**5P-3945**	1	CAP	
	18	1	**5P-3950**	1	CAP	
	19	1	**9X-7381**	1	SEAL-O-RING	
	20	1	**9X-7383**	1	SEAL-O-RING	
	21	1	**9X-7384**	1	SEAL-O-RING	
	22	1	**3E-0400**	2	WHEEL AS-BLOWER	
					(EACH INCLUDES)	
		1	**037-4838**	1	CLAMP	
D	23	1	**5P-7070**		INSULATION-STRIP (0.7-M)	
	24	1	**5P-6670**	2	FILM-INSTRUCTION (WATER IN, WATER OUT)	
	25	1	**6P-8855**	2	SPACER-TUBE	
	26	1	**7K-3176**	1	COUPLING AS-REFRIGERANT (SELF-SEALING)	
		1	**107-4393**	1	VALVE AS	
		1	**107-4394**	1	GASKET	
	27	1	**2H-3924**	2	LOCKWASHER	
	28	1	**5P-3928**	1	COUPLING AS-REFRIGERANT (SELF-SEALING)	
		1	**107-4395**	1	VALVE AS	
		1	**107-4396**	1	GASKET	
	29	1	**6V-1668**	2	WASHER (6.5X29.1X3-MM THK)	
	30	1	**3E-6145**	1	TUBE AS	
	31	1	**3E-6144**	1	TUBE AS	
	32	1	**9X-7382**	1	SEAL-O-RING	
	33	1,2	**3S-2093**	3	STRAP-CABLE	
	34	1	**9X-2488**	4	CLAMP-HOSE	
M	35	2	**8T-4137**	16	BOLT (M10X1.5X20-MM)	
	36	2	**8T-4121**	16	WASHER-HARD (11X21X2.5-MM THK)	
M	37	1	**7X-0490**	1	BOLT (M6X1X200-MM)	
M	38	1	**8T-4189**	3	BOLT (M8X1.25X20-MM)	

247-4951 **AIR CONDITIONER GP (**contd.**)** **i05324110**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	39	1	**5P-4116**	3	WASHER-HARD (8.8X20.5X2-MM THK)	
	40	1	**6L-7159**	2	SCREW-MACHINE (8-32X0.313-IN)	
	41	1	**3B-4501**	2	LOCKWASHER	
M	42	1	**6V-7728**	1	BOLT (M6X1X45-MM)	
M	43	1	**6V-8837**	4	BOLT (M6X1X16-MM)	
	44	1,2	**8T-4205**	14	WASHER-HARD (7.2X14.5X2-MM THK)	
	45	1	**2H-3925**	2	LOCKWASHER	
M	46	1	**5C-2890**	6	NUT (M6X1-THD)	
	47	1	**2D-6235**	1	LOCKNUT (1/4-20-THD)	
	48	1	**5B-6565**	2	NUT	
	49	1	**6V-9170**	2	NUT-BULKHEAD (1-14-THD)	
	50	1	**8C-4586**	2	CLAMP	
	51	1	**3E-5464**	1	SWITCH AS-THERMOSTAT (HVAC) (AIR CONDITIONER)	
	52	1	**9G-1950**	1	RESISTOR	
	53	1	*247-0345*	1	HARNESS AS-HEATER & AIR COND	
		1	**3S-2093**	10	STRAP-CABLE	
		1	**155-2270**	2	KIT-CONNECTING PLUG (2-PIN)	
		1	**155-2271**	1	KIT-CONNECTING PLUG (4-PIN)	
		1	**155-2274**	1	KIT-CONNECTING PLUG (6-PIN)	
					(EACH KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
	54	1	**130-3304**	1	CASE AS	
		1	**3E-0417**	1	PAN-CONDENSATE	
		1	**6K-3274**	4	PLATE-RIVET	
M		1	**6V-9632**	2	NUT-WELD (M6X1-THD)	
		1	**7T-1099**	4	LINK	
M		1	**7X-2478**	5	NUT-WELD (M8X1.25-THD)	
		1	**033-7291**	4	RIVET	
	55	1	**3E-6277**	1	HOUSING AS	
	56	2	**239-5535**	1	VALVE AS-FLOW CONTROL (WATER)	
		2	**4B-4863**	4	WASHER (4.7X11X1.2-MM THK)	
		2	**4M-6582**	1	SEAL-O-RING	
		2	**124-0312**	4	SCREW-PAN HEAD (8-16X0.32-IN)	
M	57	2	**8T-4171**	2	BOLT (M6X1X12-MM)	
	58	1	**239-9368**	1	RESISTOR AS	
	59	2	**4M-6582**	1	SEAL-O-RING	
	60	2	**242-2455**	1	BRACKET	
	61	1	**3T-6774**	1	GROMMET	
D	62	1	**5P-5908**		SEAL (0.2-M)	
	64	1	**9X-2185**	4	SCREW (8-15X0.44-IN)	
	65	1	**3E-7254**	2	INSULATION	

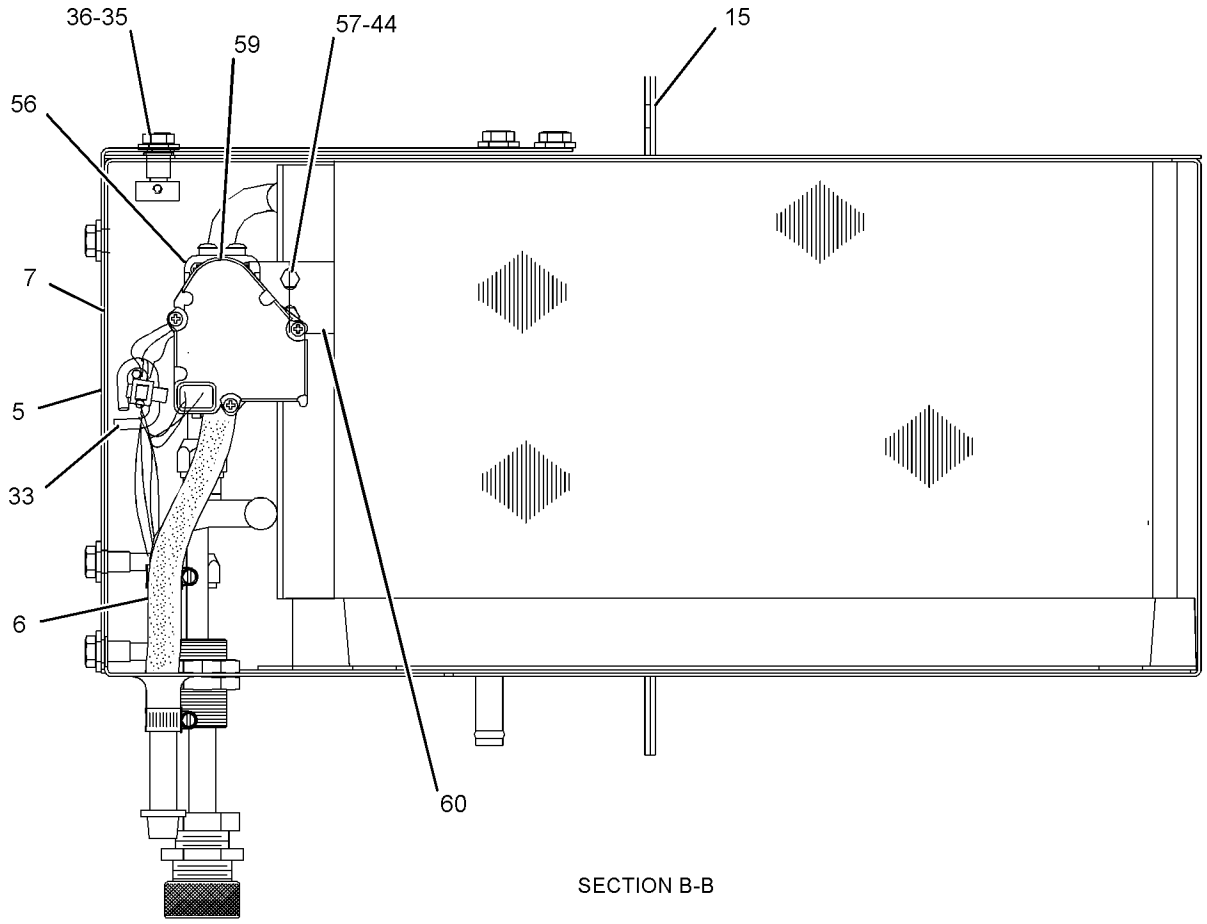
D - ORDER BY THE METER
E - ORDER BY THE CENTIMETER
M - METRIC PART

247-4951 **AIR CONDITIONER GP** (contd.) **i05324110**



GRAPHIC #1 g03372964

247-4951 **AIR CONDITIONER GP (**contd.**)** **i05324110**



SECTION B-B

GRAPHIC #2 <END> g01311687

214-7635 ARM GP-WINDOW WIPER–FRONT

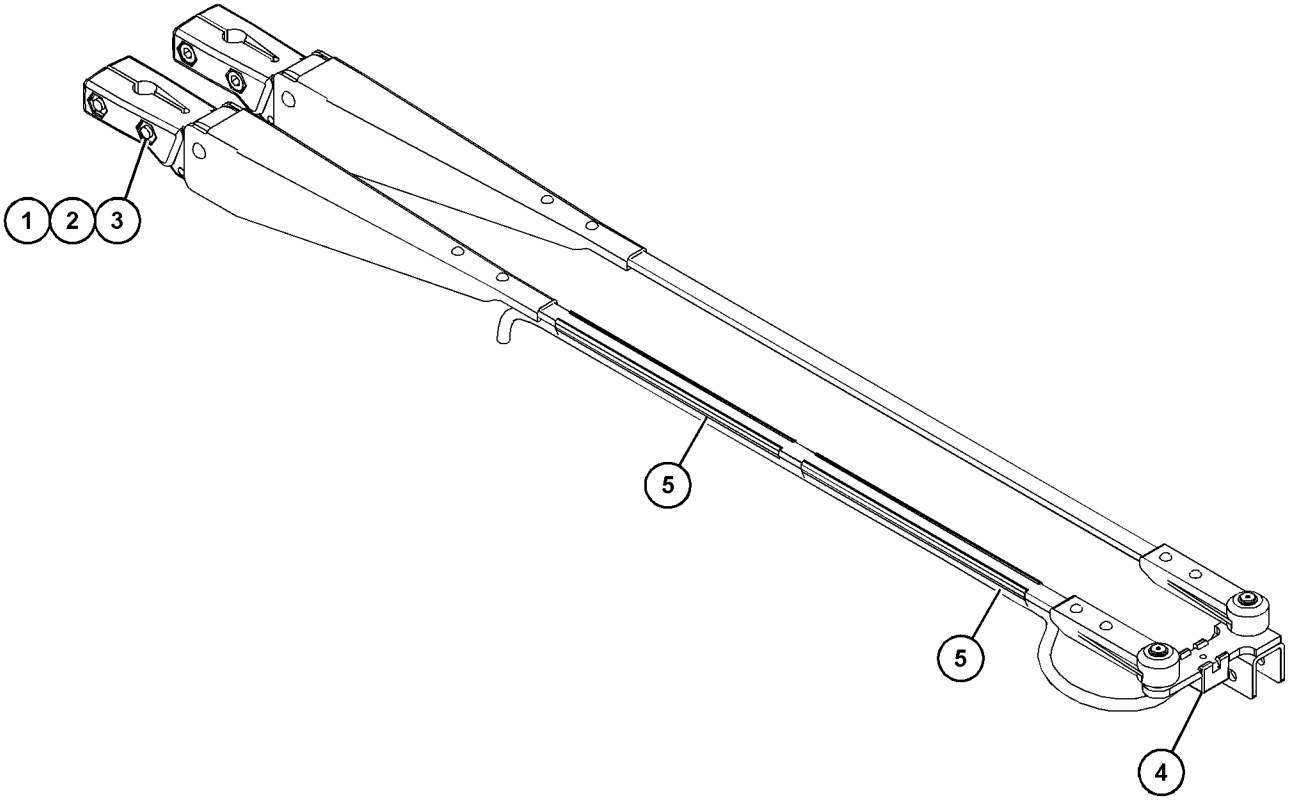
S/N: BTW1-UP

PART OF 242-1901 WIPER & WASHER GP-WINDOW

SMCS-7305 **i06271057**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**191-8921**	4	BOLT-SOCKET HEAD (M6X1X25-MM)	
	2	1	**227-7392**	4	WASHER (6.3X10.3X0.4-MM THK)	
M	3	1	**6V-8225**	4	NUT (M6X1-THD)	
	4	1	**136-3190**	1	NOZZLE AS-WASHER	
	5	1	**473-9082**	2	CLIP	

M - METRIC PART



GRAPHIC #1 <END> g06005655

214-7636 ARM GP-WINDOW WIPER–FRONT

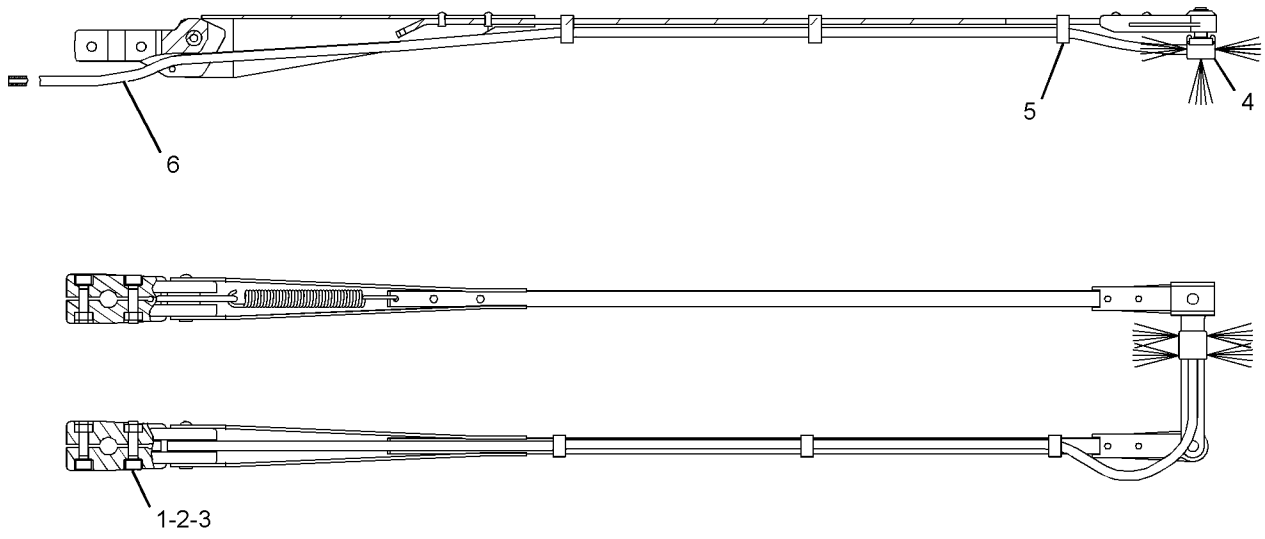
S/N: BTW1-UP

PART OF 236-5417 WIPER GP-WINDOW

SMCS-7305 **i04921312**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**191-8921**	4	BOLT-SOCKET HEAD (M6X1X25-MM)	
	2	1	**227-7392**	4	WASHER (6.3X10.3X0.4-MM THK)	
M	3	1	**344-5673**	4	NUT (M6X1-THD)	
	4	1	**136-3190**	1	NOZZLE AS-WASHER	
	5	1	**136-3188**	3	CLIP	
E	6	1	**194-5171**		HOSE (92-CM)	

E - ORDER BY THE CENTIMETER
M - METRIC PART



GRAPHIC #1 <END> g03093436

242-1903 BOX GP-STORAGE

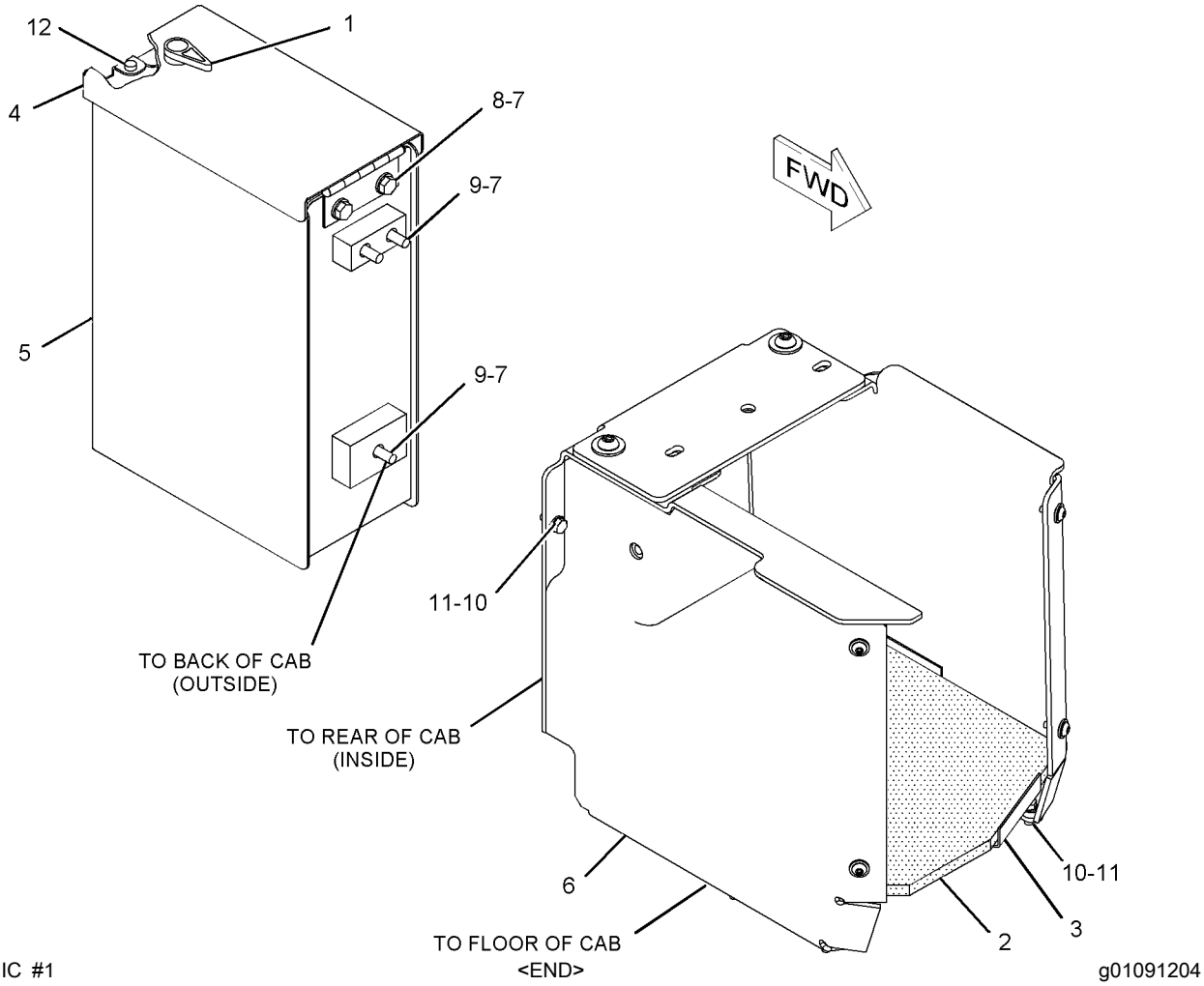
S/N: BTW1-UP

PART OF 234-5964, 281-4121 CAB AR

SMCS-7268 **i03258115**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3V-7689**	1	HANDLE AS	
	2	1	**164-0427**	1	MAT	
	3	1	**164-0431**	1	SHEET	
	4	1	**242-3493**	1	COVER AS-ACCESS	
	5	1	**242-3494**	1	BOX AS	
Y	6	1	*251-0124*	1	BOX GP-STORAGE	1221
	7	1	**8T-4121**	5	WASHER-HARD (11X21X2.5-MM THK)	
M	8	1	**8T-4137**	2	BOLT (M10X1.5X20-MM)	
M	9	1	**8T-4185**	3	BOLT (M10X1.5X50-MM)	
M	10	1	**8T-4189**	8	BOLT (M8X1.25X20-MM)	
	11	1	**5P-4116**	8	WASHER-HARD (8.8X20.5X2-MM THK)	
	12	1	**8V-7010**	2	BUMPER	

M - METRIC PART
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g01091204

251-0124 BOX GP-STORAGE

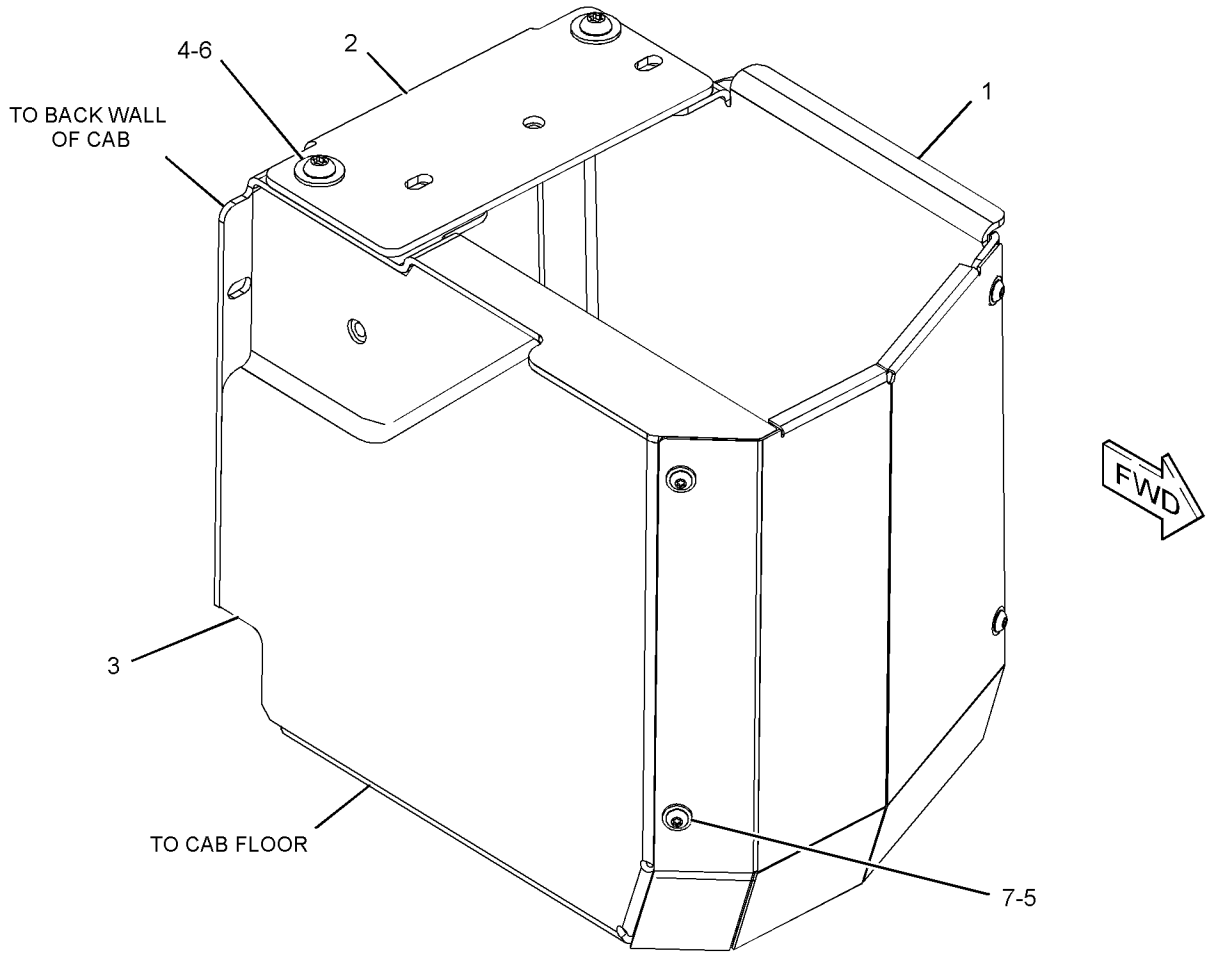
S/N: BTW1-UP

PART OF 242-1903 BOX GP-STORAGE

SMCS-7268 **i03671867**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**251-6484**	1	BOX AS (FRONT)	
	2	1	**251-6499**	1	PLATE AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	3	1	**251-0123**	1	BOX AS	
	4	1	**8T-4222**	6	WASHER-PLATED (11X32X2.5-MM THK)	
	5	1	**9X-2038**	4	WASHER (7X19X2-MM THK)	
M	6	1	**9X-2040**	2	SCREW-TRUSS HEAD (M10X1.5X25-MM)	
M	7	1	**9X-2045**	4	SCREW-TRUSS HEAD (M6X1X20-MM)	

M - METRIC PART



GRAPHIC #1 <END> g01351271

267-5292 CAB & PLATFORM GP

S/N: BTW1-UP

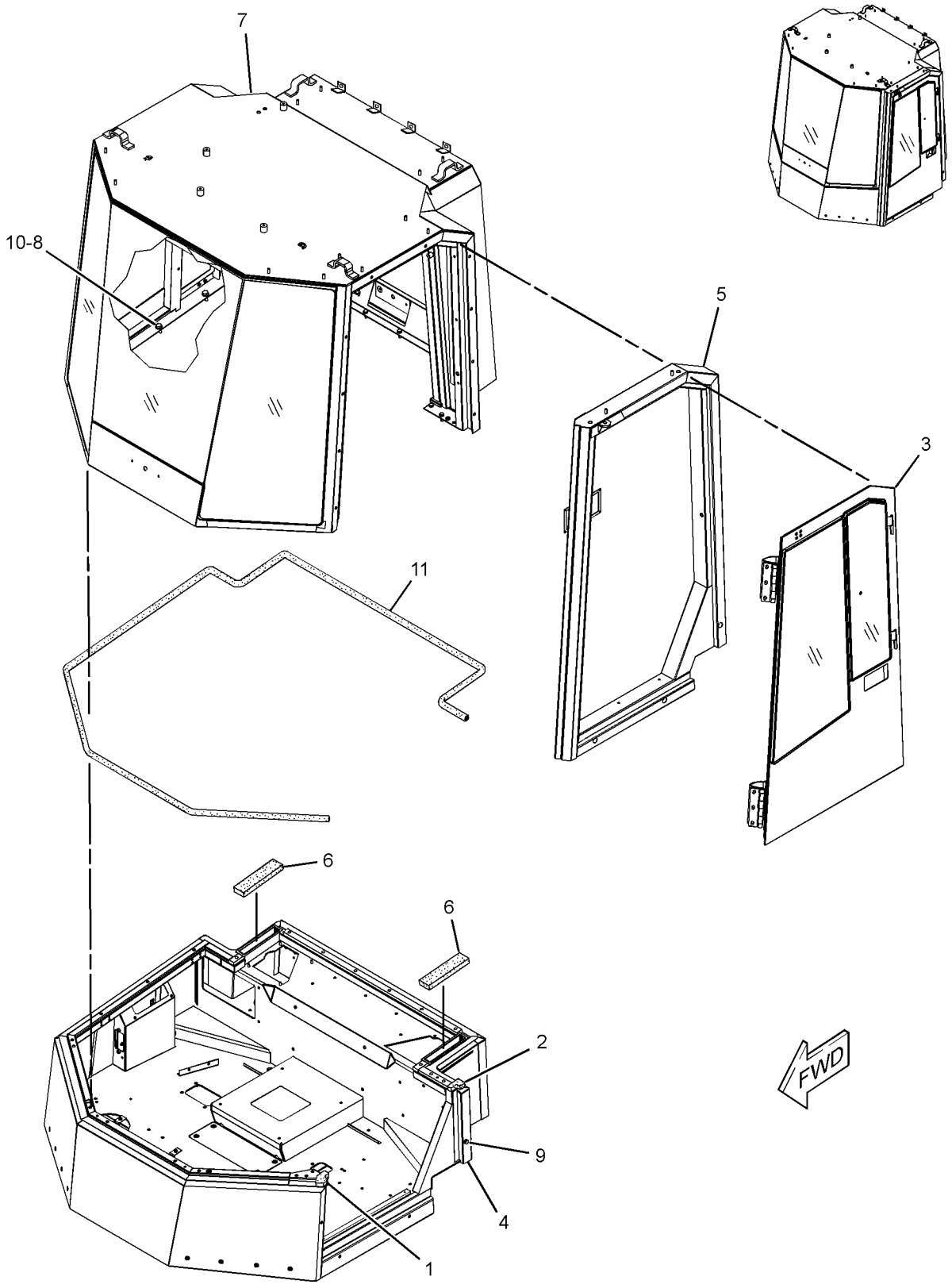
PART OF 234-5964 CAB AR

SMCS-7253, 7301 **i02878190**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-6509**	1	SEAL	
	2	1	**4E-6510**	1	SEAL	
Y	3	1	**123-8701**	1	DOOR GP-CAB (LH)	1254
Y	4	1	*242-0340*	1	PLATFORM GP-OPERATOR	1331
	5	1	**250-2980**	1	FRAME GP-DOOR	
	6	1	**256-2454**	2	SEAL	
Y	7	1	*267-3445*	1	CAB GP	1228
	8	1	**8T-4121**	32	WASHER-HARD (11X21X2.5-MM THK)	
M	9	1	**8T-4191**	14	BOLT (M10X1.5X16-MM)	
M	10	1	**8T-4196**	18	BOLT (M10X1.5X35-MM)	
E	11	1	**103-2554**		SEAL (500-CM)	

E - ORDER BY THE CENTIMETER
M - METRIC PART
Y - SEPARATE ILLUSTRATION

267-5292 **CAB & PLATFORM GP** (contd.) **i02878190**



GRAPHIC #1 <END> g01442407

272-3384 CAB & PLATFORM GP

S/N: BTW1-UP
CUSTOM
PART OF 281-4121 CAB AR

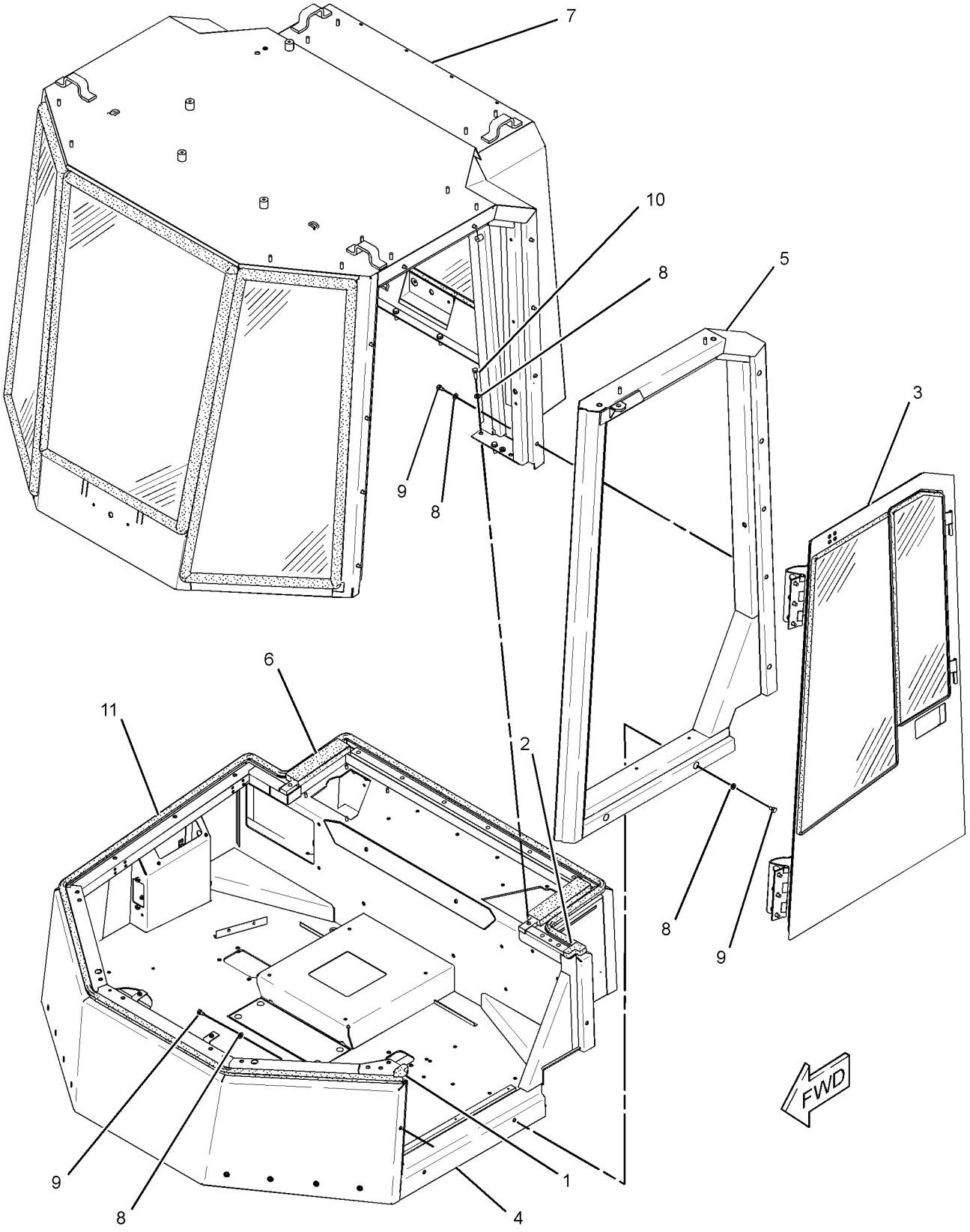
SMCS-7253, 7301

i02590955

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-6509**	1	SEAL	
	2	1	**4E-6510**	1	SEAL	
Y	3	1	**123-8701**	1	DOOR GP-CAB (LH)	1254
Y	4	1	*242-0340*	1	PLATFORM GP-OPERATOR	1331
	5	1	**250-2980**	1	FRAME GP-DOOR	
	6	1	**256-2454**	2	SEAL	
Y	7	1	*271-7256*	1	CAB GP (WITH RUBBER MOUNTED GLASS)	1230
	8	1	**8T-4121**	32	WASHER-HARD (11X21X2.5-MM THK)	
M	9	1	**8T-4191**	14	BOLT (M10X1.5X16-MM)	
M	10	1	**8T-4196**	18	BOLT (M10X1.5X35-MM)	
E	11	1	**103-2554**		SEAL (500-CM)	

E - ORDER BY THE CENTIMETER
M - METRIC PART
Y - SEPARATE ILLUSTRATION

272-3384 **CAB & PLATFORM GP** (contd.) **i02590955**



GRAPHIC #1 <END> g01300122

234-5964 CAB AR

S/N: BTW1-UP

PART OF 234-5904 OPERATOR AR

SMCS-7301 **i02476481**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*242-8026*	1	AIR CONDITIONER AR	1210
Y	*242-1903*	1	BOX GP-STORAGE	1220
Y	*267-5292*	1	CAB & PLATFORM GP	1222
Y	*250-9458*	1	CONTROL GP-FOOT BRAKE	974
Y	*4E-6401*	1	CONTROL GP-PARKING BRAKE	975
Y	*238-9084*	1	CONTROL GP-PILOT OPERATED HYD (JOYSTICK, 3-FUNCTION)	1241
Y	*236-5240*	1	CONTROL GP-STEERING	1245
Y	*4E-8413*	1	CONTROL GP-STIC	1249
Y	*236-5241*	1	CONTROL GP-STIC LOCKOUT	1250
Y	*236-5169*	1	INSTALLATION GP-RADIO	1261
Y	*250-9306*	1	LATCH GP-CAB DOOR & WINDOW	1267
Y	*275-3638*	1	LINER GP-CAB	1271
Y	*9U-2675*	1	MOUNTING GP-ANTENNA (RADIO)	1303
Y	*236-5218*	1	PANEL GP-INSTRUMENT (FRONT)	1309
Y	*236-5224*	1	PANEL GP-INSTRUMENT (SIDE)	1311
Y	*112-5763*	1	PEDAL GP-GOVERNOR	1318
Y	*117-1410*	1	SEALING GP-GLASS	1353
Y	*250-9976*	1	SEAT GP	1359
Y	**219-8090**	1	SEAT GP-SUSPENSION	1363
Y	*250-9873*	1	SPRING GP-CAB DOOR	1365
Y	*238-9083*	1	SUPPORT GP-HYDRAULIC CONTROL	1367
Y	*178-3904*	1	SUPPORT GP-SEAT	1373
Y	*171-3897*	1	SUPPORT GP-STEERING CONTROL	1374
Y	*242-1901*	1	WIPER & WASHER GP-WINDOW (FRONT, REAR)	1393
Y	*236-5417*	1	WIPER GP-WINDOW (FRONT QUARTER)	1395
Y	*236-5464*	1	WIRING GP-CAB	545

Y - SEPARATE ILLUSTRATION

<END>

281-4121 CAB AR

S/N: BTW1-UP

PART OF 283-8350 OPERATOR AR

SMCS-7301 **i02590877**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*242-8026*	1	AIR CONDITIONER AR	1210
Y	*242-1903*	1	BOX GP-STORAGE	1220
Y	*272-3384*	1	CAB & PLATFORM GP (WITH RUBBER MOUNTED GLASS)	1224
Y	*250-9458*	1	CONTROL GP-FOOT BRAKE	974
Y	*4E-6401*	1	CONTROL GP-PARKING BRAKE	975
Y	*238-9084*	1	CONTROL GP-PILOT OPERATED HYD (JOYSTICK, 3-FUNCTION)	1241
Y	*236-5240*	1	CONTROL GP-STEERING	1245
Y	*4E-8413*	1	CONTROL GP-STIC	1249
Y	*236-5241*	1	CONTROL GP-STIC LOCKOUT	1250
Y	*236-5169*	1	INSTALLATION GP-RADIO	1261
Y	*250-9306*	1	LATCH GP-CAB DOOR & WINDOW	1267
Y	*275-3638*	1	LINER GP-CAB	1271
Y	*9U-2675*	1	MOUNTING GP-ANTENNA (RADIO)	1303
Y	*236-5218*	1	PANEL GP-INSTRUMENT (FRONT)	1309
Y	*236-5224*	1	PANEL GP-INSTRUMENT (SIDE)	1311
Y	*112-5763*	1	PEDAL GP-GOVERNOR	1318
Y	*117-1410*	1	SEALING GP-GLASS	1353
Y	*250-9976*	1	SEAT GP	1359
Y	**219-8090**	1	SEAT GP-SUSPENSION	1363
Y	*250-9873*	1	SPRING GP-CAB DOOR	1365
Y	*238-9083*	1	SUPPORT GP-HYDRAULIC CONTROL	1367
Y	*178-3904*	1	SUPPORT GP-SEAT	1373
Y	*171-3897*	1	SUPPORT GP-STEERING CONTROL	1374
Y	*242-1901*	1	WIPER & WASHER GP-WINDOW	1393
Y	*236-5417*	1	WIPER GP-WINDOW (FRONT QUARTER)	1395
Y	*236-5464*	1	WIRING GP-CAB	545

Y - SEPARATE ILLUSTRATION

<END>

267-3445 CAB GP

S/N: BTW1-UP

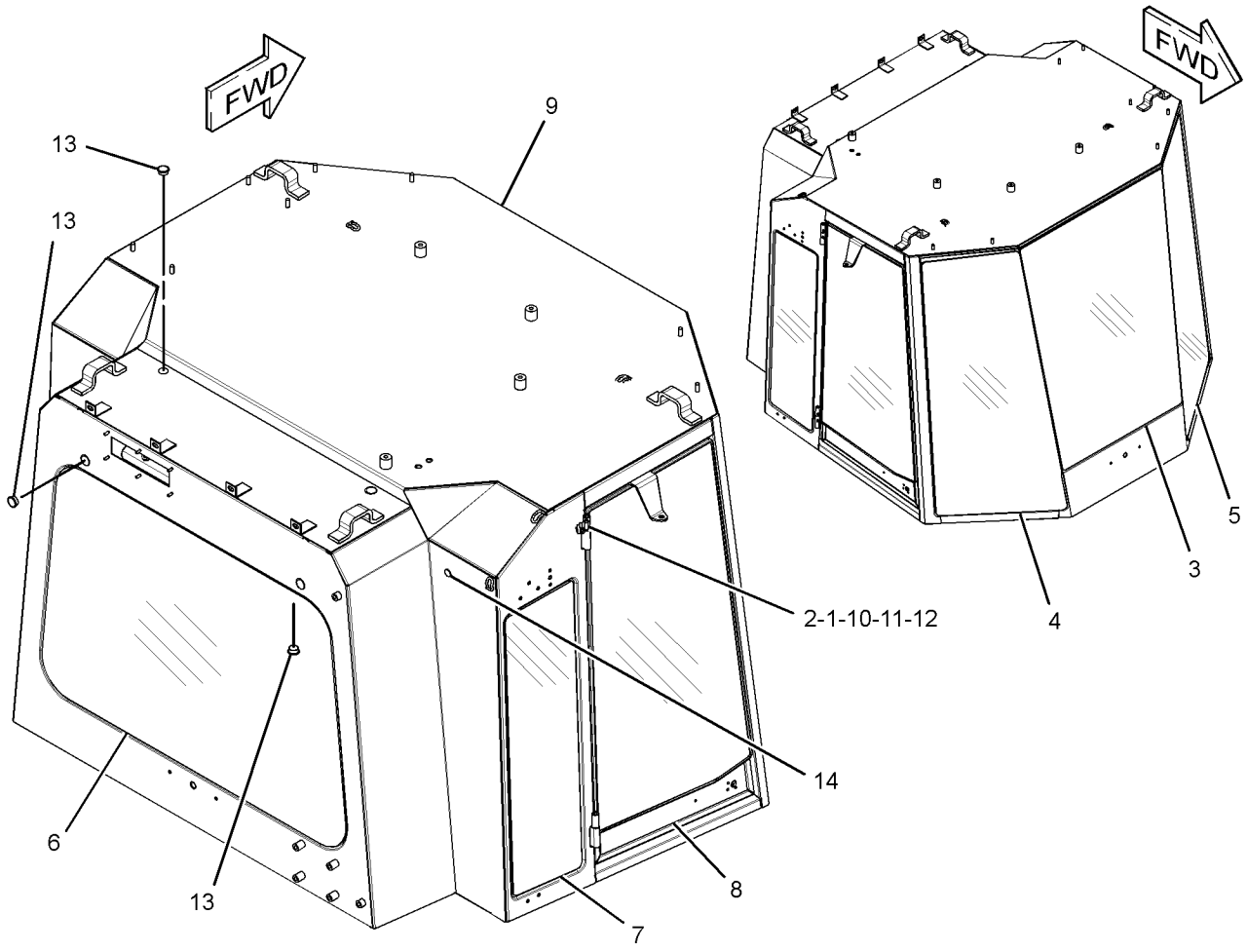
PART OF 267-5292 CAB & PLATFORM GP

SMCS-7301 **i03164020**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8R-0739**	4	WASHER (10X18X1-MM THK)	
	2	1	**108-1615**	2	HINGE	
	3	1	**115-8388**	1	GLASS (FRONT)	
	4	1	**115-8389**	1	GLASS-CAB (FRONT QUARTER, RH)	
	5	1	**115-8390**	1	GLASS-CAB (FRONT QUARTER, LH)	
	6	1	**115-8391**	1	GLASS (REAR)	
	7	1	**123-3154**	1	GLASS (RIGHT REAR SIDE)	
	8	1	*250-0777*	1	DOOR GP-CAB (RH)	
E		1	**3E-3000**		SEAL (308-CM)	
		1	**250-0775**	1	FRAME AS	
		1	**250-0776**	1	GLASS (CAB DOOR)	
	9	1	**267-3532**	1	CAB AS	
	10	1	**4E-0339**	2	PIN	
M	11	1	**6V-8210**	4	BOLT (M8X1.25X16-MM)	
	12	1	**8T-4224**	4	WASHER-HARD (8.8X16X2-MM THK)	
	13	1	**9X-3994**	6	PLUG	
	14	1	**2M-4009**	1	PLUG-BUTTON	

E - ORDER BY THE CENTIMETER
M - METRIC PART

267-3445 **CAB GP** (contd.) **i03164020**



GRAPHIC #1 <END> g01903093

271-7256 CAB GP—WITH RUBBER MOUNTED GLASS

S/N: BTW1-UP

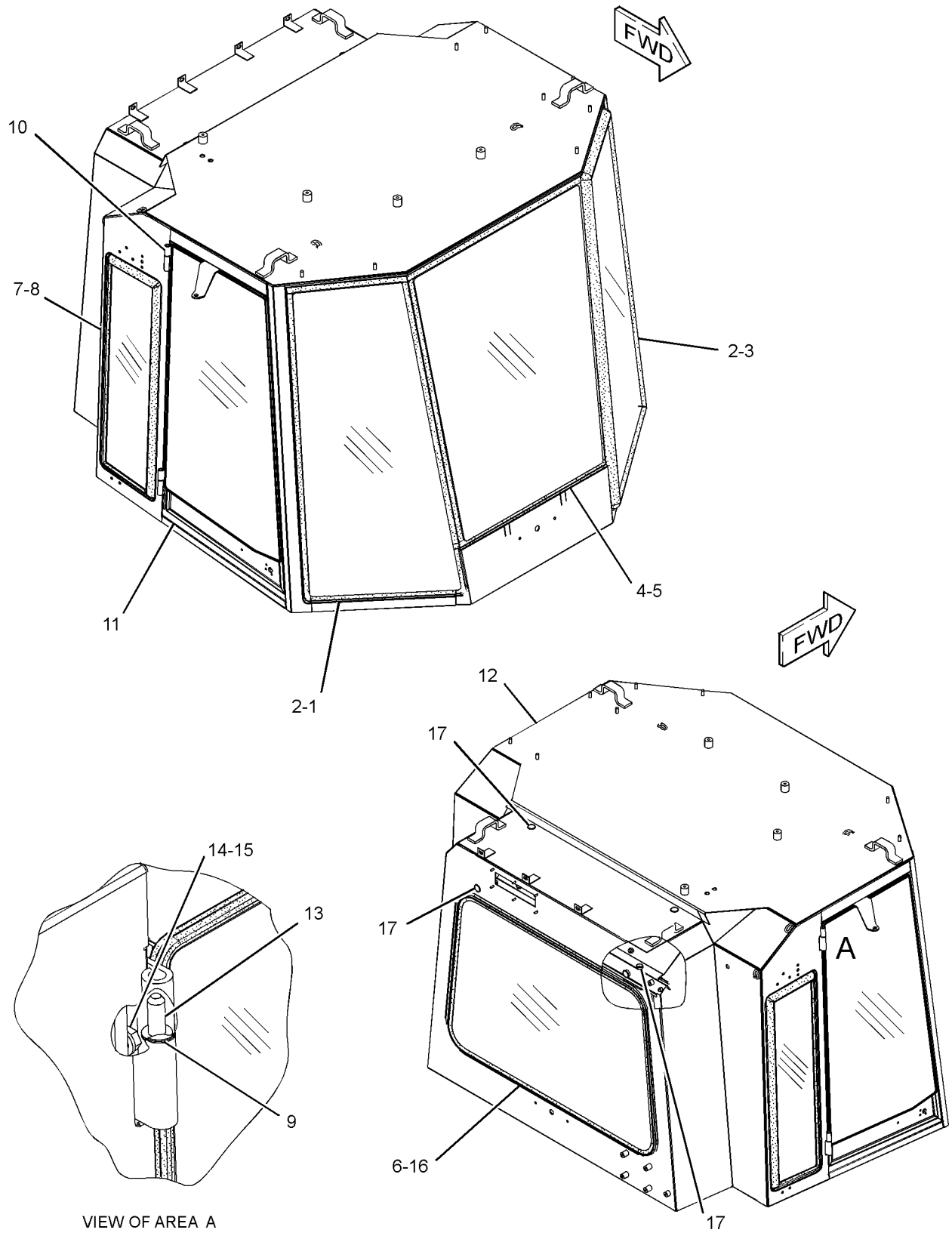
PART OF 272-3384 CAB & PLATFORM GP

SMCS-7301 **i02878173**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-5977**	1	SEAL	
	2	1	**4E-5978**	2	GLASS (FRONT QUARTER, RH, LH)	
	3	1	**4E-5979**	1	SEAL	
	4	1	**4E-5980**	1	SEAL-CENTER	
	5	1	**4E-5981**	1	GLASS-CAB (FRONT)	
	6	1	**4E-8132**	1	GLASS (REAR)	
	7	1	**4E-8295**	1	GLASS (RIGHT REAR SIDE)	
	8	1	**4E-8297**	1	SEAL	
	9	1	**8R-0739**	4	WASHER (10X18X1-MM THK)	
	10	1	**108-1615**	2	HINGE	
	11	1	*250-0777*	1	DOOR GP-CAB (RH)	
		1	**3E-3000**		SEAL (308-CM)	
		1	**250-0775**	1	FRAME AS	
		1	**250-0776**	1	GLASS (CAB DOOR)	
	12	1	**271-7257**	1	CAB AS	
	13	1	**4E-0339**	2	PIN	
M	14	1	**6V-8210**	4	BOLT (M8X1.25X16-MM)	
	15	1	**8T-4224**	4	WASHER-HARD (8.8X16X2-MM THK)	
D	16	1	**5P-6605**		SEAL (3.4-M)	
	17	1	**9X-3994**	6	PLUG	

D - ORDER BY THE METER
M - METRIC PART

271-7256 **CAB GP (**contd.**)** **i02878173**



VIEW OF AREA A

GRAPHIC #1 <END> g01442349

275-3639 CAB GP—ANTENNA, AIR FILTER, DUCTS, GRAB HANDLES

S/N: BTW1-UP

PART OF 230-3275 CHASSIS AR

SMCS-7301 **i02869626**

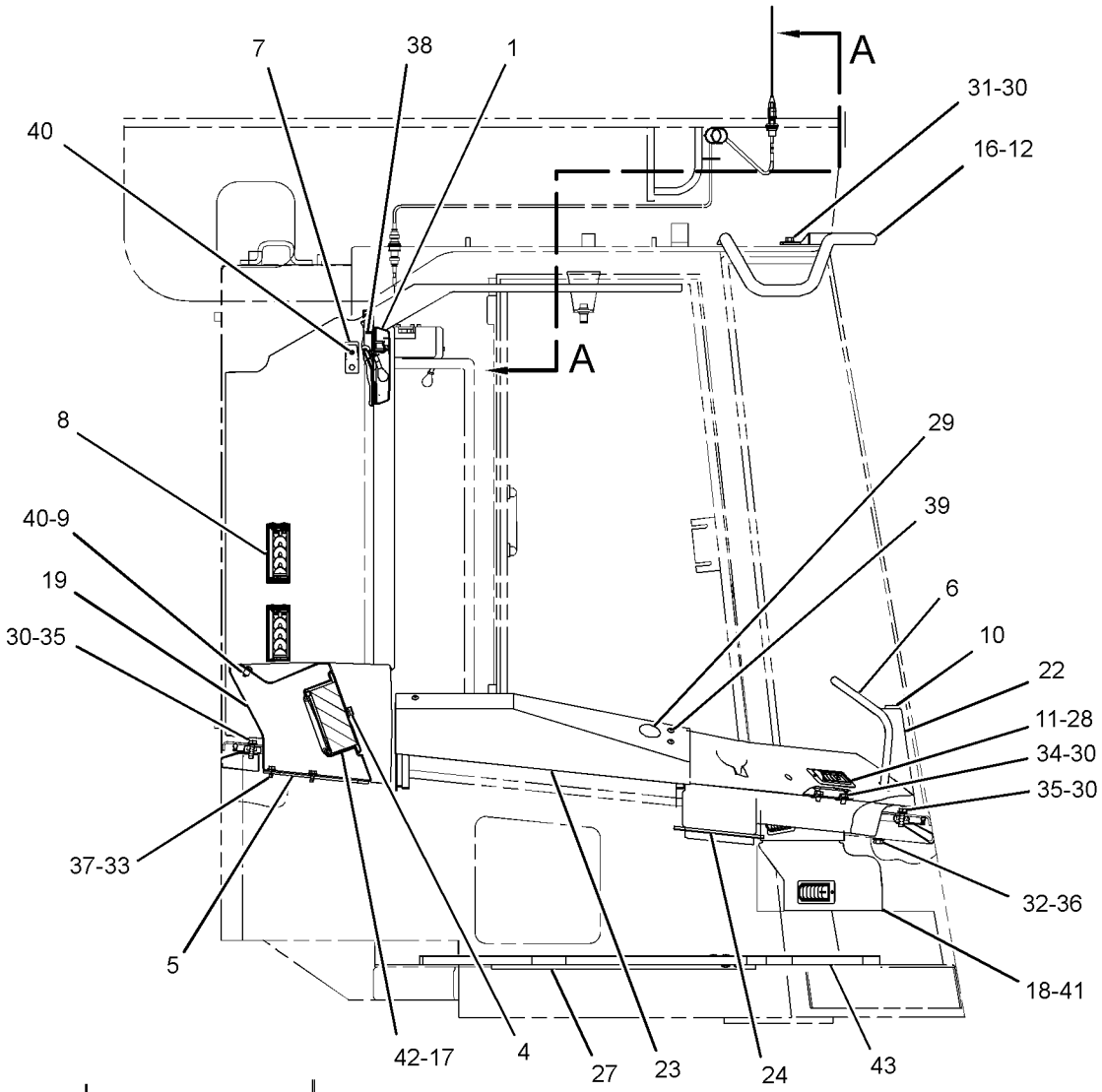
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**3E-6389**	1	LAMP GP-DOME (24-VOLT)	408
	2	1	**3S-2093**	3	STRAP-CABLE	
	3	1	**4E-1411**	1	BUSHING-TERMINAL	
	4	1	**4E-7204**	1	COVER AS	
		1	**2R-2376**	2	WASHER (7X16X0.8-MM THK)	
		1	**7K-3262**	2	SCREW (THUMB)	
	5	1	**4E-7205**	1	SEAL	
	6	1	**4E-9640**	1	HANDLE	
	7	1	**6V-8928**	1	HOOK-COAT	
	8	1	**7T-4306**	2	LOUVER AS	
M	9	1	**8T-5027**	8	NUT (M6X1-THD)	
	10	1	**8Y-6352**	3	LOUVER AS	
	11	1	**8Y-6388**	10	LOUVER AS-VENT	
	12	1	**9U-1301**	1	HANDHOLD (LH)	
	13	1	**9U-2330**	2	MOUNT-ANTENNA	
	14	1	**9U-2331**	1	ANTENNA AS (COMMUNICATION RADIO)	
	15	1	**9U-2332**	1	ANTENNA AS (CB)	
	16	1	**9U-2670**	1	HANDHOLD (RH)	
	17	1	**9X-8216**	1	FILTER ELEMENT-CAB AIR (STANDARD EFFICIENCY)	
	18	1	**123-8721**	1	DUCT	
	19	1	**123-8722**	1	DUCT AS	
	20	1	**123-8724**	1	INSULATION	
	21	1	**123-8725**	1	INSULATION	
	22	1	**138-8630**	1	DUCT AS	
		1	**3V-4694**	2	PLUG-BUTTON	
		1	**136-7403**	1	INSULATION	
		1	**136-7406**	2	INSULATION	
	23	1	**205-3076**	1	COVER AS	
		1	**110-7524**	1	BUTTON	
	24	1	**213-4262**	1	SEAL AS	
	25	1	**251-4645**	1	PANEL-REAR	
	26	1	**251-4646**	1	HEADLINER	
	27	1	**251-6492**	1	STRIP	
	28	1	**104-2091**	20	SCREW-FLAT HEAD (6-20X0.5-IN)	
	29	1	**5L-6766**	1	PLUG-BUTTON	
	30	1	**8T-4121**	28	WASHER-HARD (11X21X2.5-MM THK)	
M	31	1	**8T-4133**	4	NUT (M10X1.5-THD)	
M	32	1	**8T-4183**	2	BOLT (M12X1.75X40-MM)	
M	33	1	**8T-4189**	6	BOLT (M8X1.25X20-MM)	
M	34	1	**8T-4191**	4	BOLT (M10X1.5X16-MM)	
M	35	1	**8T-4196**	20	BOLT (M10X1.5X35-MM)	
	36	1	**8T-4223**	2	WASHER-HARD (13.5X25.5X3-MM THK)	
	37	1	**8T-4896**	6	WASHER-HARD (10.2X18.5X2.5-MM THK)	
M	38	1	**9X-1046**	3	SCREW (M4X0.7X18-MM)	
M	39	1	**9X-2042**	3	SCREW-TRUSS HEAD (M6X1X12-MM)	
M	40	1	**9X-2045**	3	SCREW-TRUSS HEAD (M6X1X20-MM)	
L	41	1	**090-4808**		SEAL (29.5-DM EACH)	

275-3639 **CAB GP (**contd.**)** **i02869626**

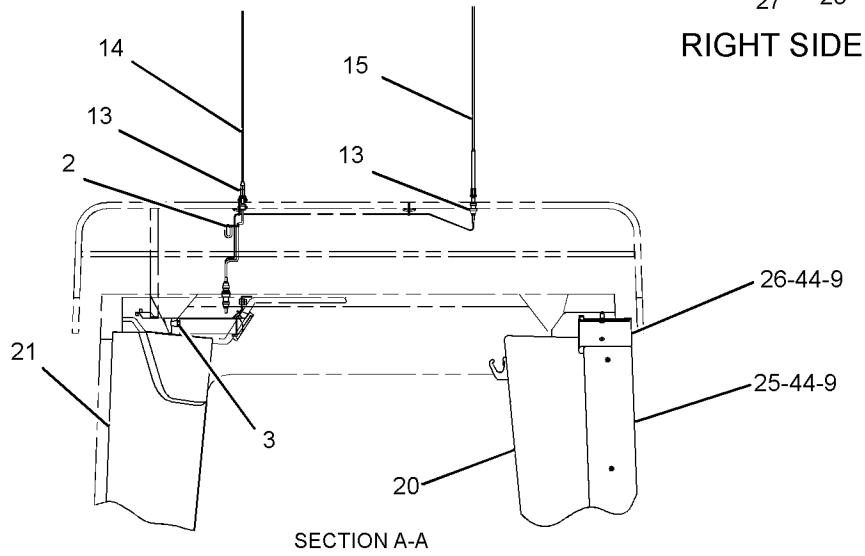
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
E	42	1	**103-2543**		SEAL (193-CM)	
	43	1	**251-4245**	1	FLOOR MAT	
M	44	1	**111-4627**	6	SCREW-MACHINE (M6X1X30-MM)	

E - ORDER BY THE CENTIMETER
L - ORDER BY THE DECIMETER
M - METRIC PART
Y - SEPARATE ILLUSTRATION

275-3639 **CAB GP** (contd.) **i02869626**



RIGHT SIDE VIEW



SECTION A-A

GRAPHIC #1 <END> g01439040

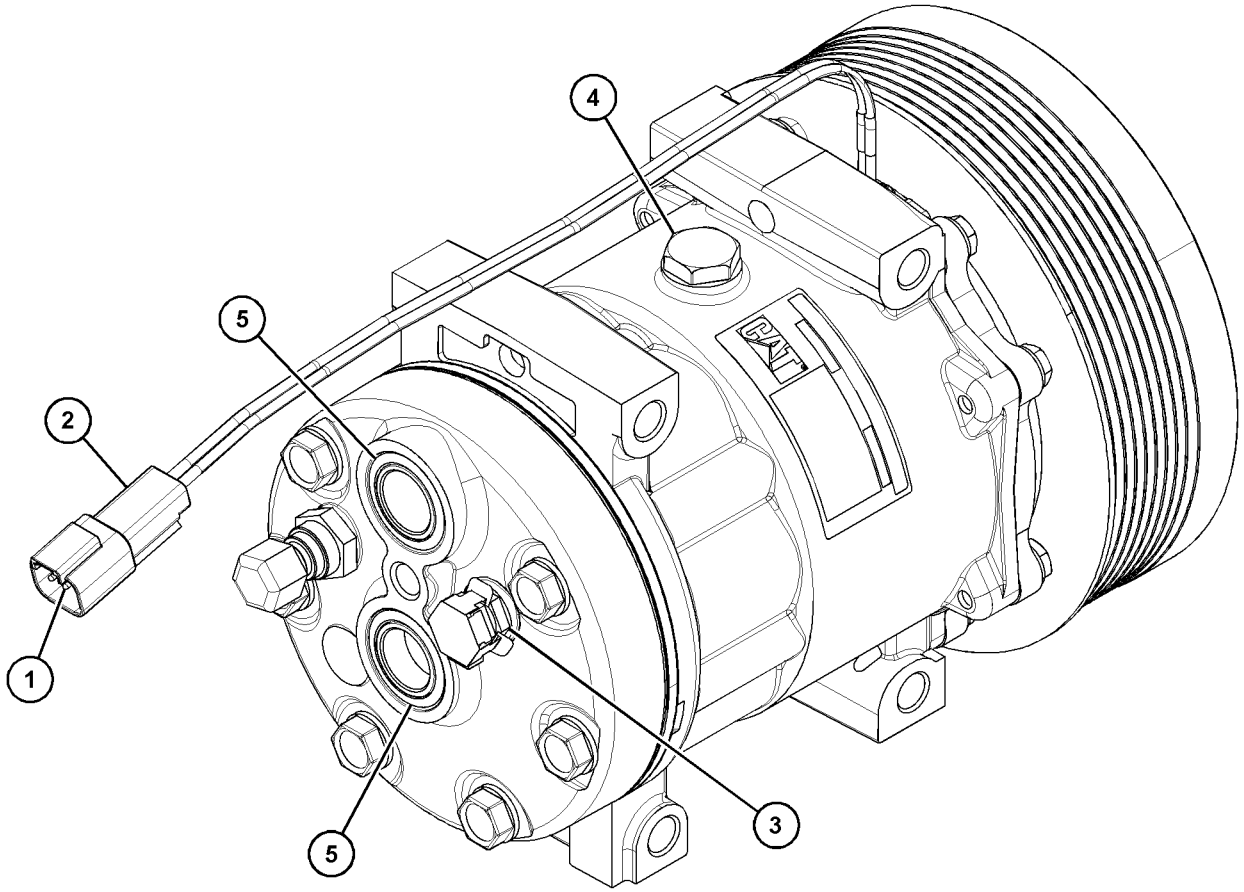
183-5106 COMPRESSOR GP-REFRIGERANT

S/N: BTW171-UP; EHX2416-UP

PART OF 262-0898 ALTERNATOR GP-CHARGING

SMCS-1802 **i06519484**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9X-3401**	2	PIN-CONNECTOR (16-GA TO 18-GA)	
					–OR–	
		1	**126-1767**	2	PIN-CONNECTOR (14-GA TO 16-GA)	
	2	1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	3	1	**314-4018**	1	VALVE AS-PRESSURE RELIEF	
	4	1	**7T-4532**	1	PLUG AS	
	5	1	**9X-7385**	2	SEAL-O-RING	



GRAPHIC #1 <END> g06102506

234-4994 CONDENSER & MTG GP-REFRIGERANT

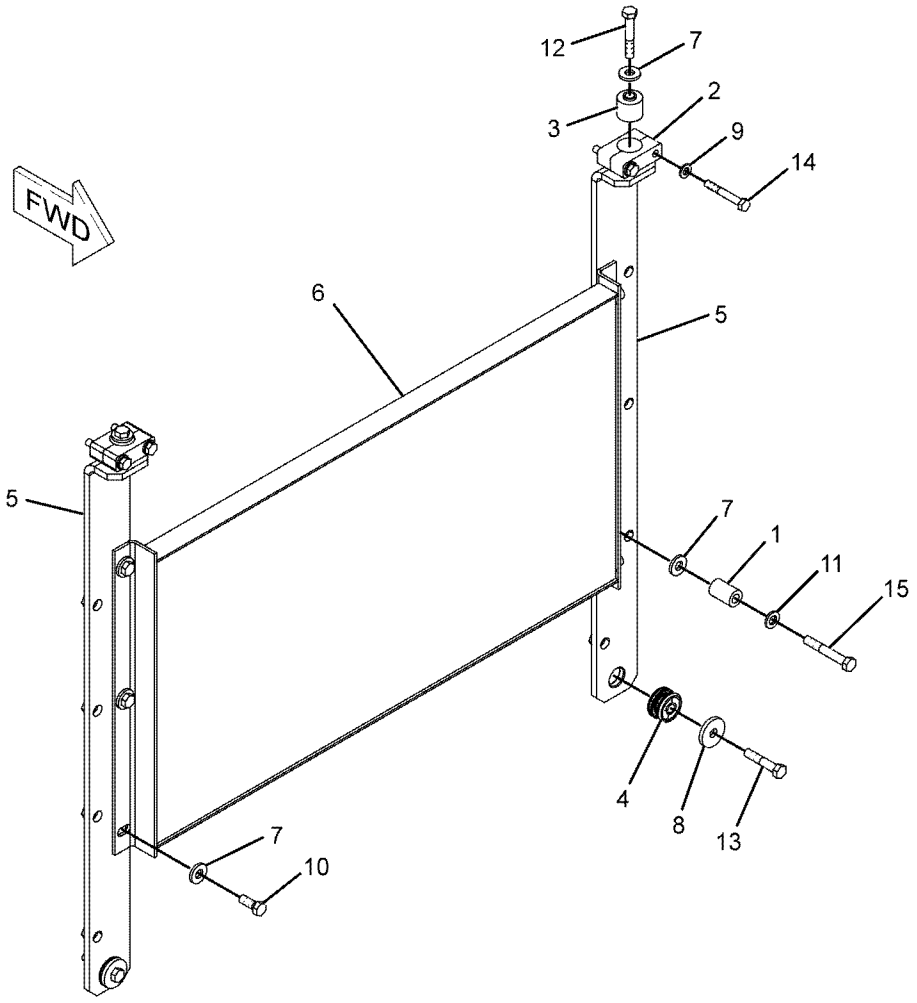
S/N: BTW1-UP

PART OF 276-2543 RADIATOR AR

SMCS-1805 **i02025024**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1F-1609**	1	SPACER (13.5X25.4X39.7-MM THK)	
	2	1	**1M-6298**	4	CLAMP-MOUNTING	
	3	1	**3H-8726**	2	MOUNT AS	
	4	1	**6S-6251**	2	MOUNT	
	5	1	**238-0484**	2	BRACKET AS	
					(EACH INCLUDES)	
M		1	**8T-3597**	8	NUT-WELD (M12X1.75-THD)	
	6	1	**190-7623**	1	CONDENSER AS-REFRIGERANT	
	7	1	**5P-1076**	10	WASHER-HARD (13.5X30X4-MM THK)	
	8	1	**7X-0590**	2	WASHER-HARD (13.5X44.5X6-MM THK)	
	9	1	**8T-4121**	4	WASHER-HARD (11X21X2.5-MM THK)	
M	10	1	**8T-4139**	5	BOLT (M12X1.75X30-MM)	
	11	1	**8T-4223**	1	WASHER-HARD (13.5X25.5X3-MM THK)	
M	12	1	**8T-4648**	2	BOLT (M12X1.75X70-MM)	
M	13	1	**8T-4910**	2	BOLT (M12X1.75X60-MM)	
M	14	1	**8T-5005**	4	BOLT (M10X1.5X70-MM)	
M	15	1	**8T-6868**	1	BOLT (M12X1.75X80-MM)	

M - METRIC PART



GRAPHIC #1 <END> g01048272

148-9562 CONTROL GP-HANDLE–LIFT, TILT, TIP W/DOWNSHIFT–JOYSTICK, 3-FUNCTION

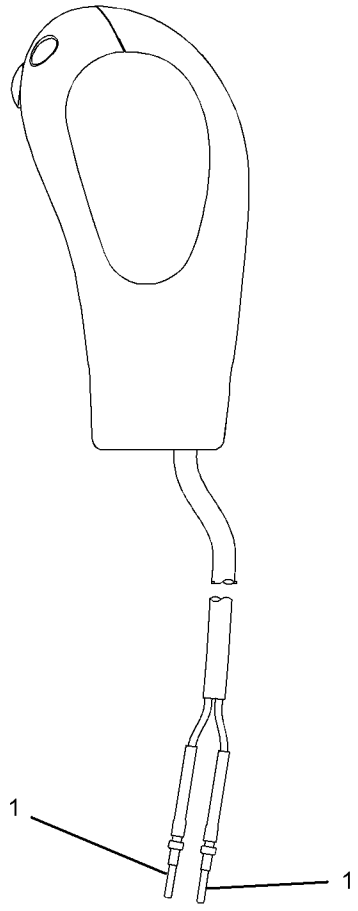
S/N: BTW1-UP

PART OF 229-8724 VALVE GP-PILOT

SMCS-5063, 5705

i05243979

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8T-8729**	2	PIN-CONNECTOR (16-GA TO 18-GA)	



REAR VIEW

GRAPHIC #1

<END>

g01879397

177-4113 CONTROL GP-HANDLE

S/N: BTW1-UP

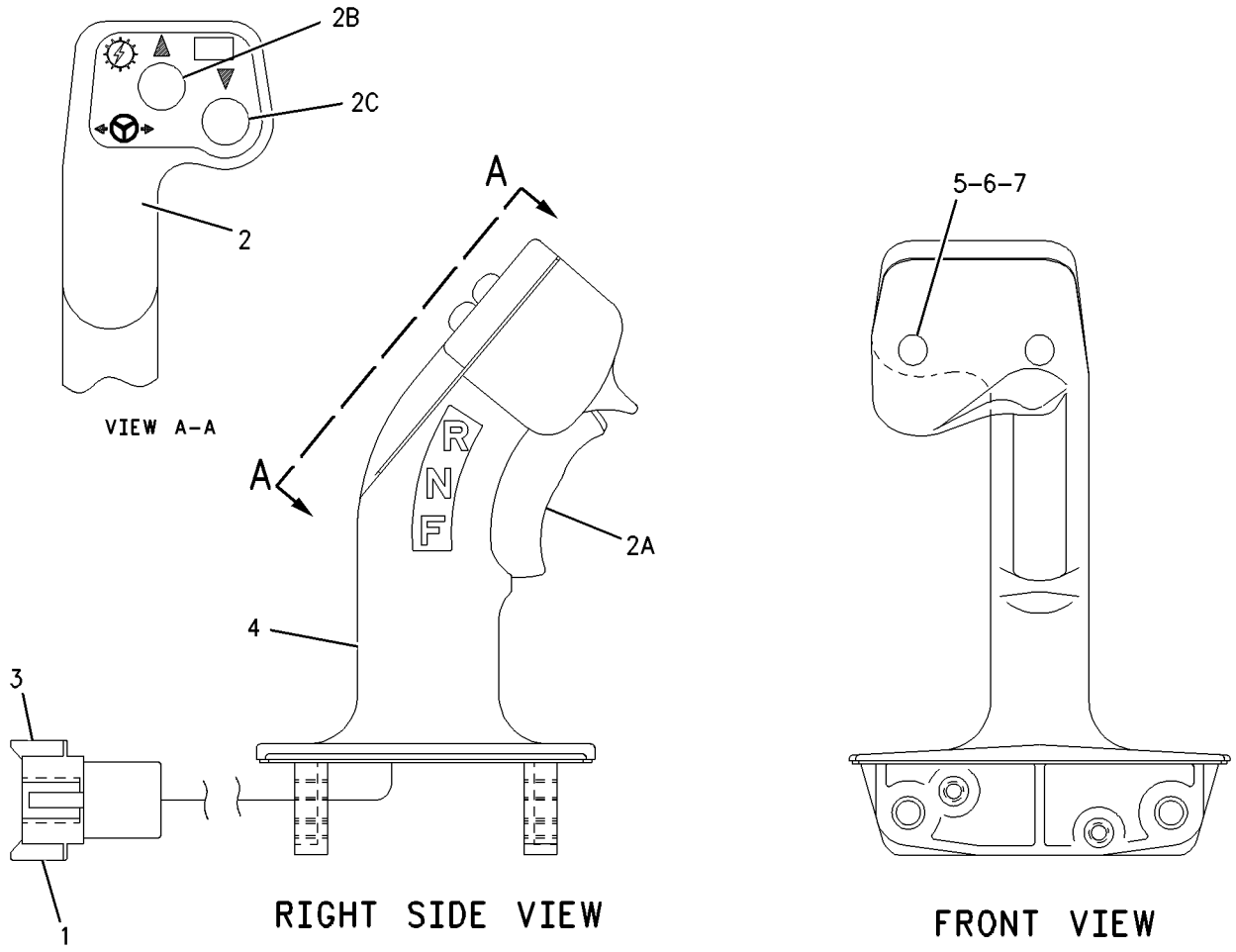
PART OF 4E-8413 CONTROL GP-STIC

SMCS-5063, 5705 **i03413045**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**160-3518**	1	KIT-RECEPTACLE (8-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	2	1	**177-4112**	1	SWITCH GP-TRANSMISSION	
	2A	1	**177-2374**	1	SWITCH AS-ROCKER (TRANSMISSION DIRECTION)	
		1	**5S-4246**	2	LOCKWASHER	
		1	**8T-8729**	3	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	**9X-8917**	2	SCREW-MACHINE (4-40X9.52-MM)	
		1	**096-5962**	2	WASHER-HARD (3.4X7X0.8-MM THK)	
		1	**105-8029**	1	ACTUATOR	
	2B	1	**159-8664**	1	SWITCH AS (UPSHIFT) (TRANSMISSION UPSHIFT)	
	2C	1	**159-8665**	1	SWITCH AS (DOWNSHIFT) (TRANSMISSION DOWNSHIFT)	
					(EACH SWITCH AS INCLUDES)	
		1	**3K-0835**	1	NUT (5/8-24-THD)	
		1	**6F-0253**	1	LOCKWASHER	
		1	**8T-8729**	2	PIN-CONNECTOR (16-GA TO 18-GA)	
	3	1	**3E-3389**	1	WEDGE-RECEPTACLE LOCK (8-PIN)	
	4	1	**105-9073**	1	GRIP	
M	5	1	**7Y-3173**	2	SCREW-BUTTON HEAD (M4X0.7X12-MM)	
	6	1	**8C-7508**	2	LOCKWASHER	
	7	1	**8C-9660**	2	WASHER (4.6X7.9X0.8-MM THK)	

M - METRIC PART

177-4113 **CONTROL GP-HANDLE (**contd.**)** **i03413045**



GRAPHIC #1 <END> g00898020

103-5526 CONTROL GP-MONITOR—BACKLIGHT DIMMER

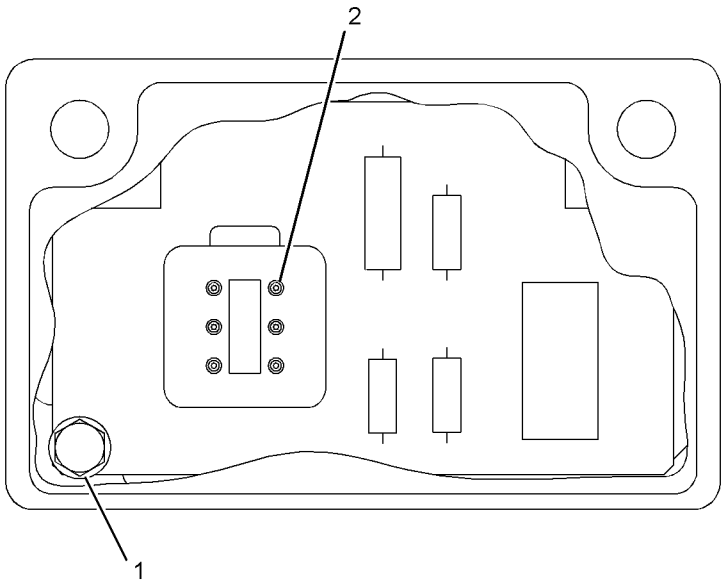
S/N: BTW1-UP

PART OF 236-5464 WIRING GP-CAB

SMCS-7490, 7494, 7601

i04167489

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**5P-9132**	2	SCREW-HEX FLANGE (6-32X0.187-IN)	
	2	1	*103-5525*	1	BOARD AS	
		1	**102-8805**	1	KIT-RECEPTACLE (6-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	**8T-8729**	6	PIN-CONNECTOR (16-GA TO 18-GA)	



GRAPHIC #1 <END> g01126720

238-9084 CONTROL GP-PILOT OPERATED HYD—JOYSTICK, 3-FUNCTION

S/N: BTW1-UP

PART OF 234-5964, 281-4121 CAB AR

SMCS-5063 **i04830255**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**4I-9521**	2	BAND-MARKER (RED, L1)	
	2	2	**4I-9522**	2	BAND-MARKER (YELLOW, L2)	
	3	1	**4E-3440**	1	MANIFOLD	
	4	1	**4E-3445**	1	SEAL	
	5	2	**4I-9523**	2	BAND-MARKER (BLUE, L3)	
	6	2	**4I-9524**	2	BAND-MARKER (BROWN, L4)	
	7	1,2	**4I-9525**	4	BAND-MARKER (ORANGE, R1)	
	8	1,2	**4I-9526**	4	BAND-MARKER (WHITE, R2)	
Y	9	1	**152-2698**	1	VALVE & MTG GP-SOLENOID (HYDRAULIC LOCKOUT)	1096
	10	1	**163-8811**	16	CLAMP	
	11	1	*206-5123*	1	TEE AS	
		1	**6V-8397**	1	SEAL-O-RING	
		1	**6V-8398**	1	SEAL-O-RING	
		1	**206-5122**	1	TEE	
Y	12	1	**229-8724**	1	VALVE GP-PILOT (JOYSTICK, 3-FUNCTION)	1107
	13	2	**238-9088**	1	COVER	
	14	2	**238-9089**	1	FILM-CONTROL (THROTTLE LOCK, HYDRAULIC, HORN)	
I	15	1	**240-7649**	4	HOSE AS	
I	16	1	**240-7650**	1	HOSE AS	
I	17	1	**240-7651**	1	HOSE AS	
	18	1	**275-7766**	1	BRACKET AS	
	19	1	**275-7768**	1	PLATE	
I	20	1	**275-7769**	1	HOSE AS	
I	21	1	**275-7771**	1	HOSE AS	
	22	1	**326-1099**	1	COVER	
	23	1,2	*148-8336*	7	CONNECTOR AS	
					(EACH INCLUDES)	
		1,2	**3J-1907**	1	SEAL-O-RING	
		1,2	**6V-8397**	1	SEAL-O-RING	
		1,2	**6V-8636**	1	CONNECTOR	
	24	2	*148-8340*	12	CONNECTOR AS	
					(EACH INCLUDES)	
		2	**3K-0360**	1	SEAL-O-RING	
		2	**6V-8398**	1	SEAL-O-RING	
		2	**6V-8639**	1	CONNECTOR	
	25	1	*148-8378*	1	ELBOW AS	
		1	**6V-9873**	1	CONNECTOR	
		1	**214-7568**	1	SEAL-O-RING	
		1	**228-7090**	1	SEAL-O-RING	
	26	1	*319-6240*	1	CONNECTOR AS	
		1	**6V-9873**	1	CONNECTOR	
		1	**214-7568**	1	SEAL-O-RING	
		1	**228-7090**	1	SEAL-O-RING	
	29	1	**8T-4121**	3	WASHER-HARD (11X21X2.5-MM THK)	
M	30	1	**8T-4195**	3	BOLT (M10X1.5X30-MM)	
	31	1	**8T-4224**	2	WASHER-HARD (8.8X16X2-MM THK)	
M	32	1	**8T-6870**	2	BOLT (M8X1.25X70-MM)	

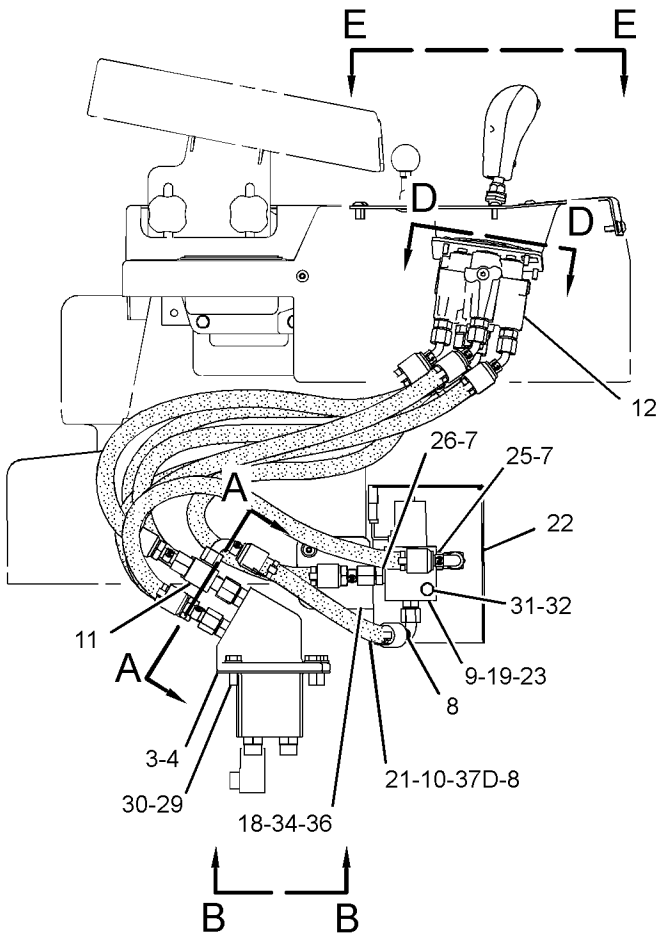
238-9084 **CONTROL GP-PILOT OPERATED HYD (**contd.**)** **i04830255**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	33	2	*148-8411*	4	PLUG AS	
					(EACH INCLUDES)	
		2	**3K-0360**	1	SEAL-O-RING	
		2	**9S-4185**	1	PLUG (3/4-16-THD)	
	34	1	**9X-2038**	2	WASHER (7X19X2-MM THK)	
M	35	1,2	**9X-2044**	10	SCREW-TRUSS HEAD (M6X1X16-MM)	
M	36	1	**3E-8020**	2	SCREW-TRUSS HEAD (M6X1X25-MM)	
E	37	1	**160-2243**		SLEEVE-ABRASION (61-CM EACH)	
E	37A	1	**160-2243**		SLEEVE-ABRASION (55-CM EACH)	
E	37B	1	**160-2243**		SLEEVE-ABRASION (63.5-CM)	
E	37C	1	**160-2243**		SLEEVE-ABRASION (67-CM)	
E	37D	1	**160-2243**		SLEEVE-ABRASION (19-CM)	

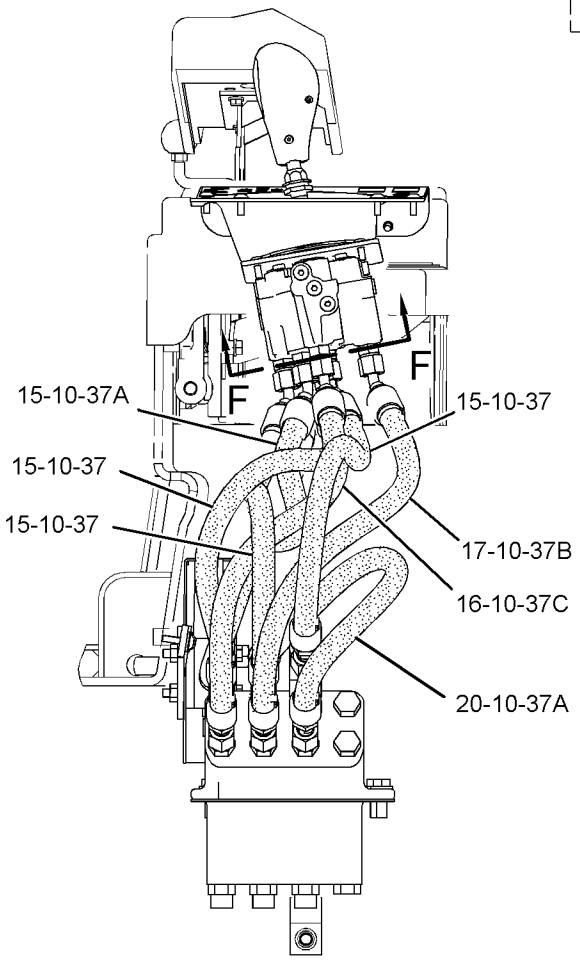
E - ORDER BY THE CENTIMETER
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART
Y - SEPARATE ILLUSTRATION

238-9084 **CONTROL GP-PILOT OPERATED HYD (**contd.**)** **i04830255**

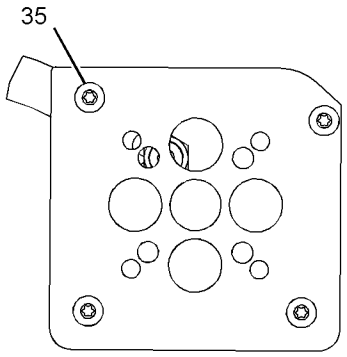
REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



RIGHT SIDE VIEW



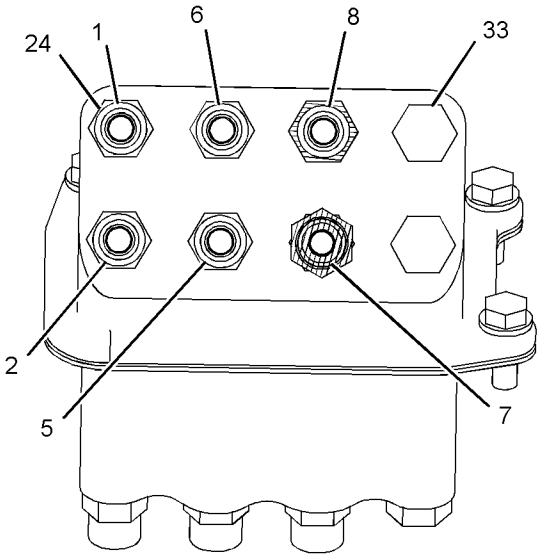
REAR VIEW



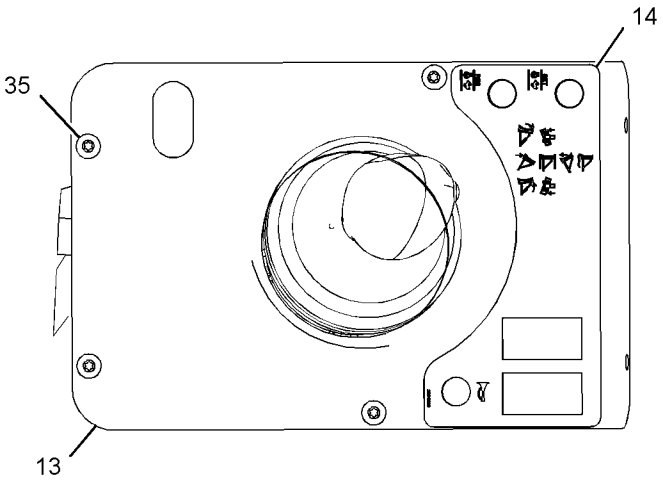
SECTION D-D

GRAPHIC #1 g03016656

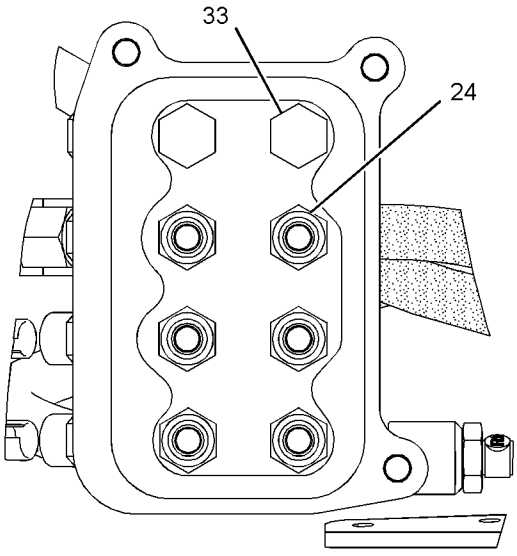
238-9084 **CONTROL GP-PILOT OPERATED HYD (**contd.**)** **i04830255**



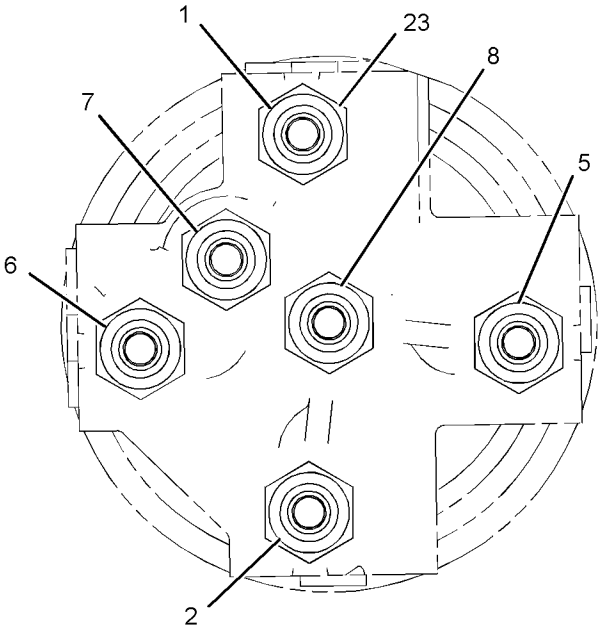
SECTION A-A



VIEW E-E



VIEW B-B



SECTION F-F

GRAPHIC #2 <END> g03016657

236-5240 CONTROL GP-STEERING

S/N: BTW1-154

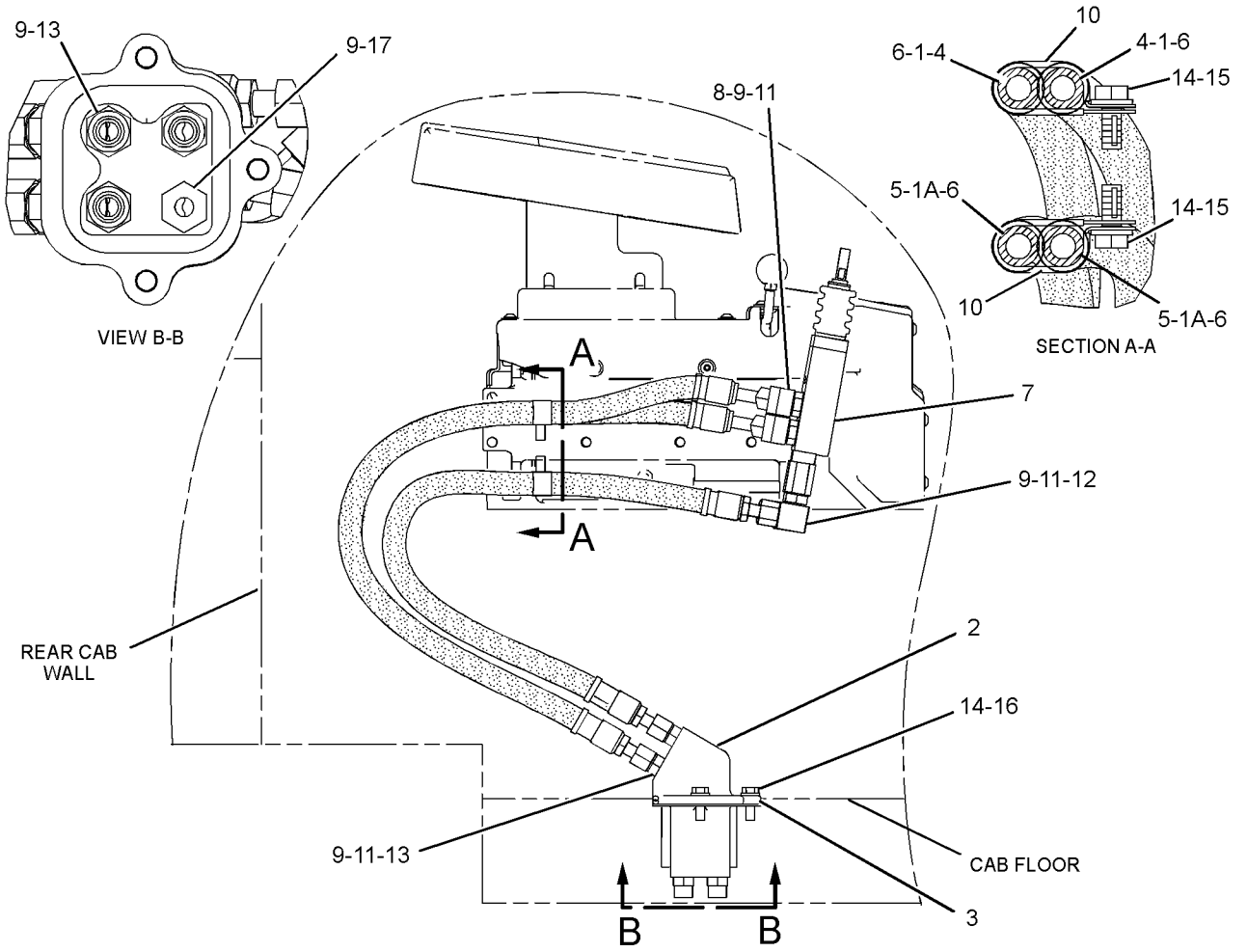
PART OF 234-5964 CAB AR

SMCS-4310, 4338, 4343 **i02979407**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
E	1	1	**160-2243**		SLEEVE-ABRASION (94-CM EACH)	
E	1A	1	**160-2243**		SLEEVE-ABRASION (91-CM EACH)	
	2	1	**4E-3439**	1	MANIFOLD	
	3	1	**4E-3441**	1	PAD	
I	4	1	**4E-6867**	2	HOSE AS	
I	5	1	**098-6814**	2	HOSE AS	
	6	1	**163-8811**	8	CLAMP	
Y	7	1	**249-5615**	1	VALVE GP-PILOT (STIC STEERING)	1177
	8	1	**136-3607**	2	ELBOW	
	9	1	**3K-0360**	12	SEAL-O-RING	
	10	1	**6D-4247**	2	CLIP	
	11	1	**6V-8398**	8	SEAL-O-RING	
	12	1	**6V-8625**	2	ELBOW	
	13	1	**6V-8639**	8	CONNECTOR	
	14	1	**8T-4121**	5	WASHER-HARD (11X21X2.5-MM THK)	
M	15	1	**8T-4136**	2	BOLT (M10X1.5X25-MM)	
M	16	1	**8T-4195**	3	BOLT (M10X1.5X30-MM)	
	17	1	**9X-2304**	1	CONNECTOR	

E - ORDER BY THE CENTIMETER
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART
Y - SEPARATE ILLUSTRATION

236-5240 **CONTROL GP-STEERING (**contd.**)** **i02979407**



GRAPHIC #1 <END> g01180295

236-5240 CONTROL GP-STEERING

S/N: BTW155-UP

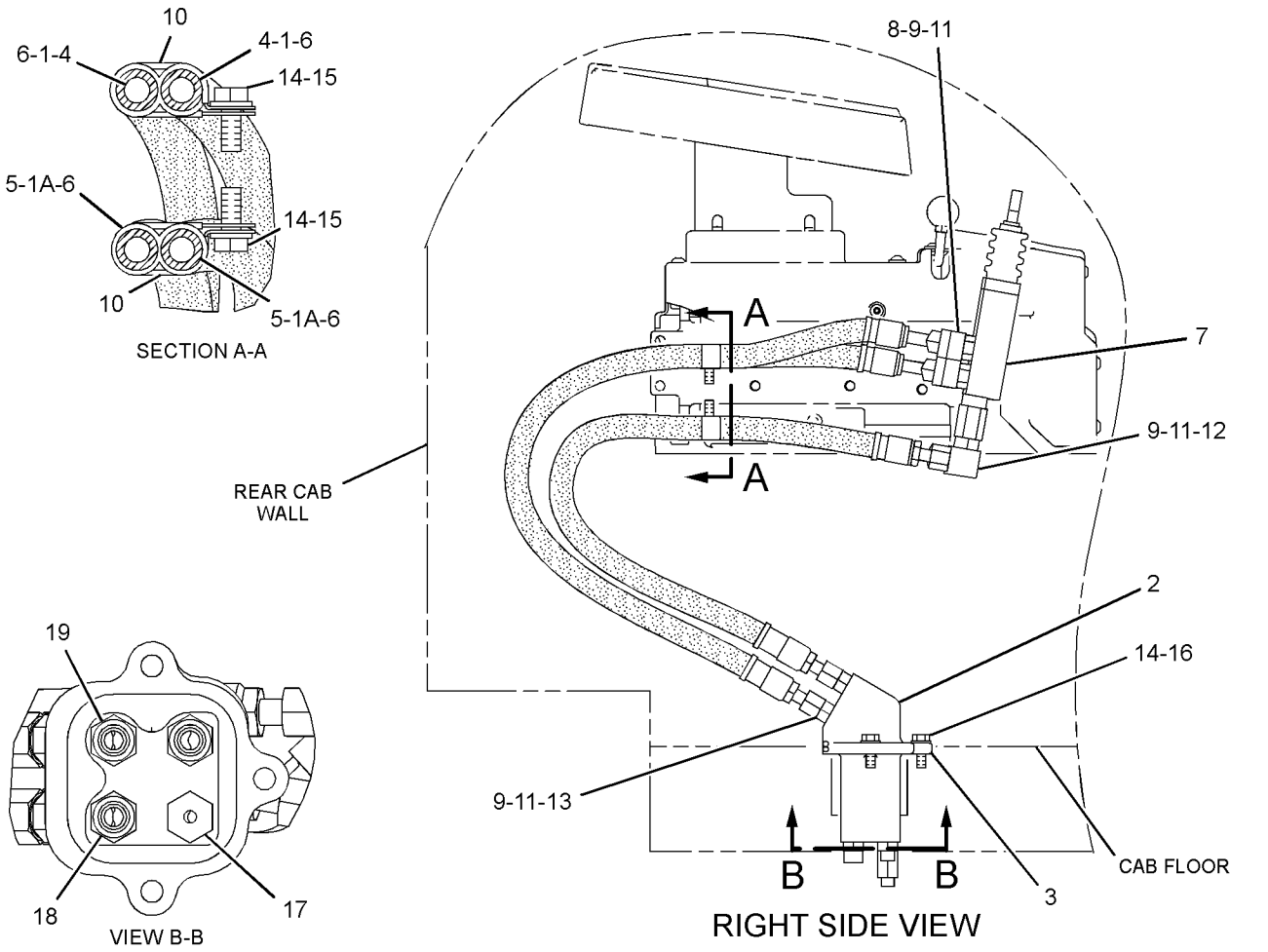
PART OF 234-5964, 281-4121 CAB AR

SMCS-4310, 4338, 4343 **i03384901**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
G	1	1	**160-2243**		SLEEVE-ABRASION (37.1-IN EACH)	
G	1A	1	**160-2243**		SLEEVE-ABRASION (32.1-IN EACH)	
	2	1	**4E-3439**	1	MANIFOLD	
	3	1	**4E-3441**	1	PAD	
I	4	1	**4E-6867**	2	HOSE AS	
I	5	1	**305-4066**	2	HOSE AS	
	6	1	**163-8811**	8	CLAMP	
Y	7	1	**249-5615**	1	VALVE GP-PILOT (STIC STEERING)	1177
	8	1	**136-3607**	2	ELBOW	
C	9	1	**3K-0360**	8	SEAL-O-RING	
	10	1	**6D-4247**	2	CLIP	
	11	1	**6V-8398**	8	SEAL-O-RING	
	12	1	**6V-8625**	2	ELBOW	
C	13	1	**6V-8639**	4	CONNECTOR	
	14	1	**8T-4121**	5	WASHER-HARD (11X21X2.5-MM THK)	
M	15	1	**8T-4136**	2	BOLT (M10X1.5X25-MM)	
M	16	1	**8T-4195**	3	BOLT (M10X1.5X30-MM)	
C	17	1	*204-0317*	1	CONNECTOR AS	
		1	**3K-0360**	1	SEAL-O-RING	
		1	**6V-8397**	1	SEAL-O-RING	
		1	**092-3635**	1	CONNECTOR	
C	18	1	*148-8318*	2	CONNECTOR AS	
					(EACH INCLUDES)	
		1	**3K-0360**	1	SEAL-O-RING	
		1	**6V-8397**	1	SEAL-O-RING	
		1	**6V-8634**	1	CONNECTOR	
C	19	1	*148-8340*	1	CONNECTOR AS	
		1	**3K-0360**	1	SEAL-O-RING	
		1	**6V-8398**	1	SEAL-O-RING	
		1	**6V-8639**	1	CONNECTOR	

C - CHANGE FROM PREVIOUS TYPE
G - ORDER BY THE INCH
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART
Y - SEPARATE ILLUSTRATION

236-5240 **CONTROL GP-STEERING (**contd.**)** **i03384901**



GRAPHIC #1 <END> g01262496

4E-8413 CONTROL GP-STIC

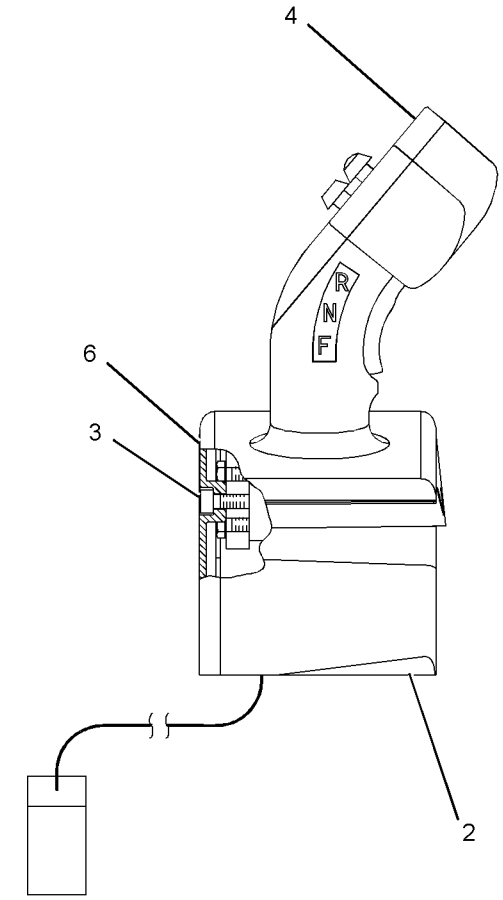
S/N: BTW1-UP

PART OF 234-5964, 281-4121 CAB AR

SMCS-3033 **i05393260**

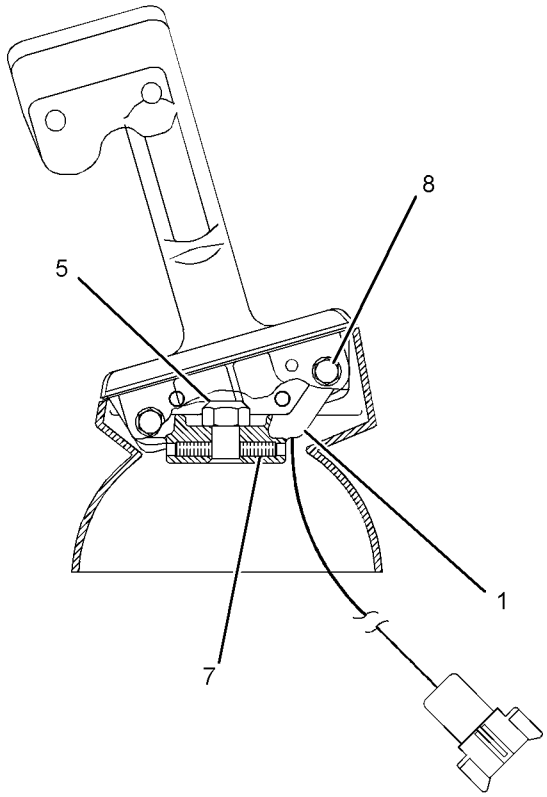
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-7520**	1	BASE	
	2	1	**4E-7627**	1	HOUSING	
	3	1	**4E-7628**	1	COVER	
Y	4	1	**177-4113**	1	CONTROL GP-HANDLE	1238
M	5	1	**6V-7687**	1	LOCKNUT (M12X1.75-THD)	
M	6	1	**105-3487**	4	BOLT-SOCKET HEAD (M6X1X20-MM)	
M	7	1	**8T-0723**	2	SETSCREW-SOCKET (M6X1X16-MM)	
M	8	1	**8T-4138**	4	BOLT (M6X1X20-MM)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION



GRAPHIC #1

<END>



g01033706

236-5241 CONTROL GP-STIC LOCKOUT

S/N: BTW1-UP

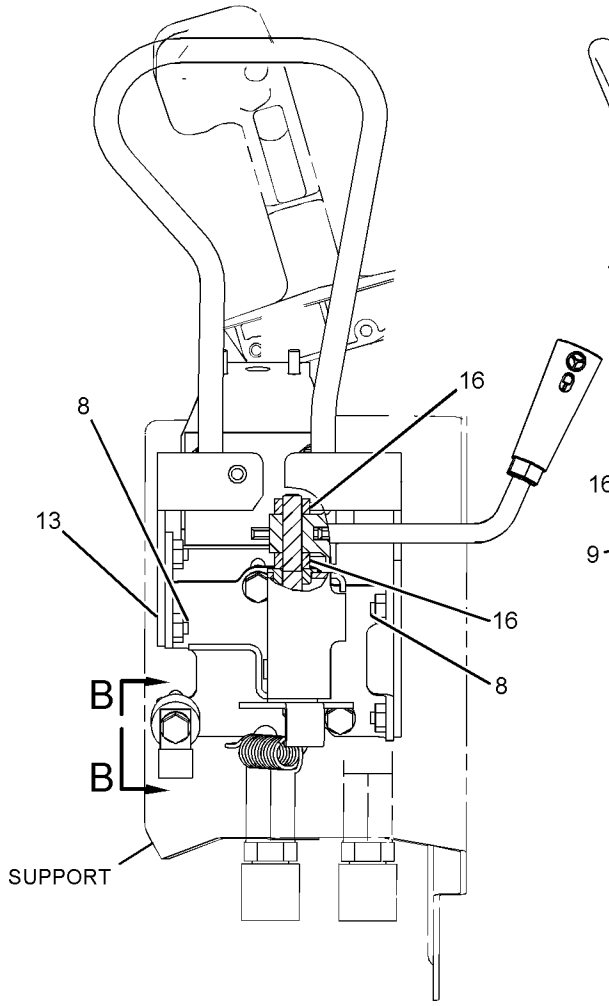
PART OF 234-5964, 281-4121 CAB AR

SMCS-3034 **i05323531**

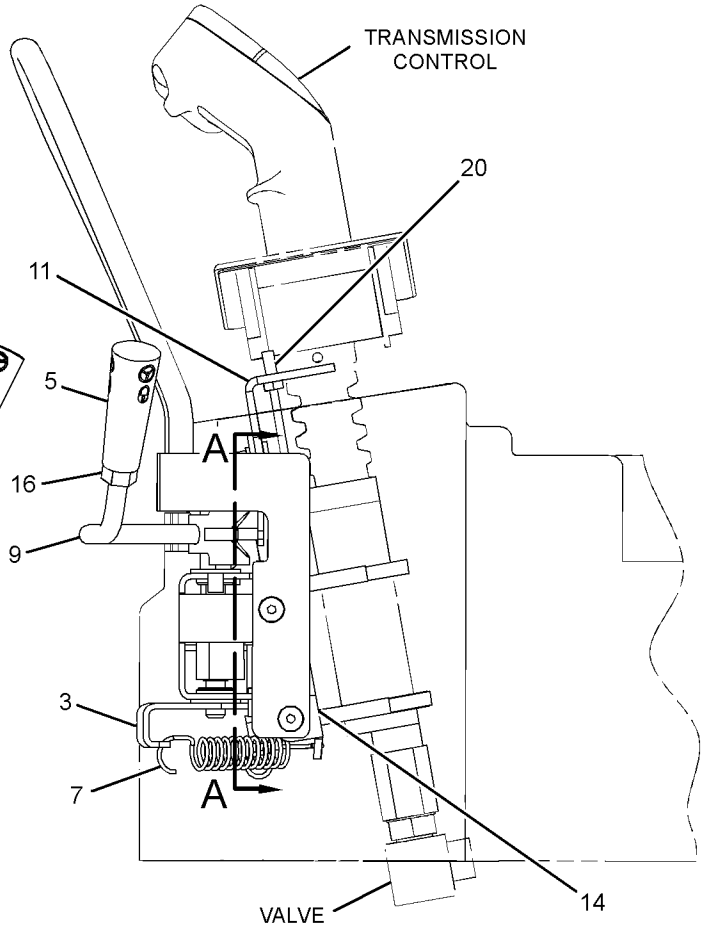
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**2V-4387**	1	SPACER (10.312X25.4X23.11-MM THK)	
	2	1	**8T-4224**	6	WASHER-HARD (8.8X16X2-MM THK)	
	3	1	**4E-8557**	1	SHAFT AS	
	4	1	**4E-8561**	1	CAM	
	5	1	**188-2048**	1	KNOB	
	6	1	**6L-8598**	2	RING-RETAINING	
	7	1	**8C-3442**	1	SPRING-COIL	
M	8	1	**5C-7423**	4	SCREW (M6X1X16-MM)	
	9	1	**144-7766**	1	LEVER AS-STIC STEER LOCKOUT	
	10	1	**145-8951**	1	PLATE AS	
	11	1	**145-8952**	1	PLATE AS	
M		1	**3E-6908**	2	STUD-WELD (M8X1.25X20-MM)	
	12	1	**151-6427**	2	BEARING	
	13	1	**170-0456**	1	GUARD AS	
	14	1	**204-3611**	1	PLATE AS	
M	15	1	**8T-4177**	1	BOLT (M8X1.25X90-MM)	
M	16	1	**8T-4133**	3	NUT (M10X1.5-THD)	
	17	1	**4D-7794**	1	CLIP	
	18	1	**4E-8560**	2	KEY-SQUARE	
M	19	1	**5C-7261**	2	NUT (M8X1.25-THD)	
M	20	1	**5C-9553**	2	BOLT (M6X1X16-MM)	
M	21	1	**6V-5220**	2	BOLT (M8X1.25X65-MM)	

M - METRIC PART

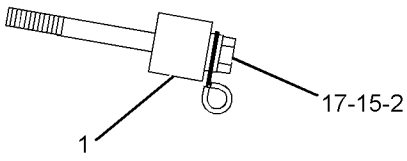
236-5241 **CONTROL GP-STIC LOCKOUT** (contd.) **i05323531**



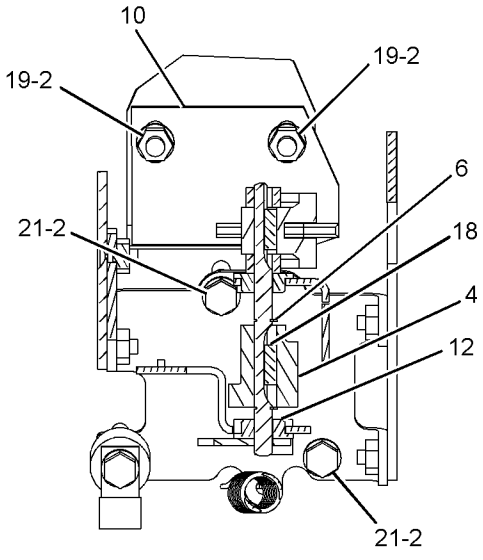
FRONT VIEW



LEFT SIDE VIEW



VIEW B-B



SECTION A-A

GRAPHIC #1 <END> g01211972

242-0389 COVER GP-CAB

S/N: BTW1-UP

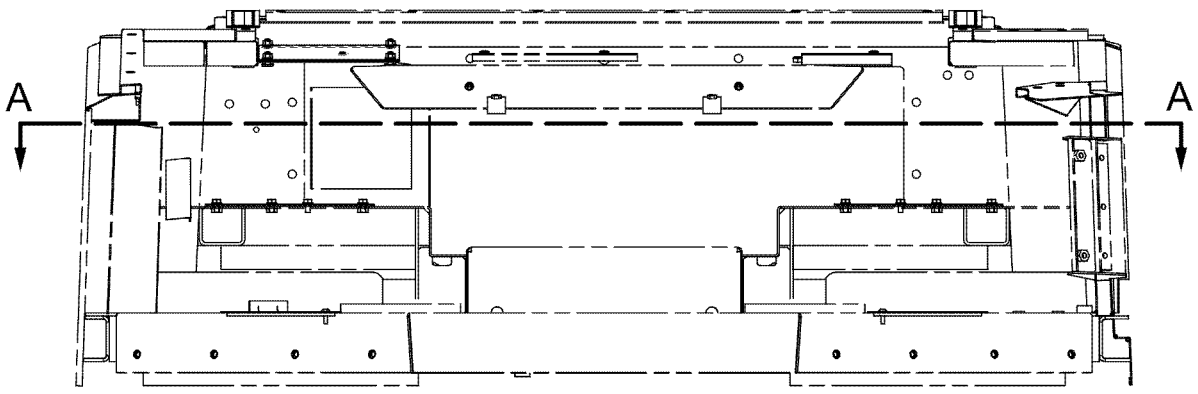
PART OF 234-5904, 283-8350 OPERATOR AR

SMCS-7301 **i02148116**

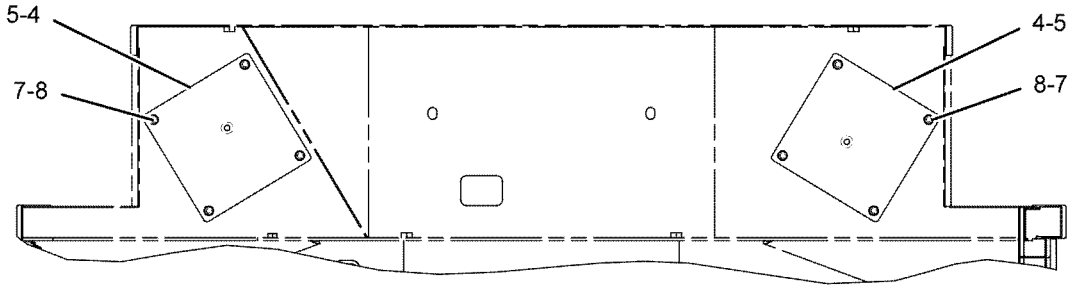
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-8984**	2	COVER AS	
	2	1	**4E-8996**	1	COVER	
	3	1	**4E-9056**	1	GASKET	
	4	1	**242-3488**	2	COVER	
	5	1	**242-3489**	2	GASKET	
M	6	1	**5C-7261**	4	NUT (M8X1.25-THD)	
M	7	1	**8T-4200**	8	BOLT (M8X1.25X16-MM)	
	8	1	**8T-4224**	12	WASHER-HARD (8.8X16X2-MM THK)	
M	9	1	**9X-2045**	2	SCREW-TRUSS HEAD (M6X1X20-MM)	

M - METRIC PART

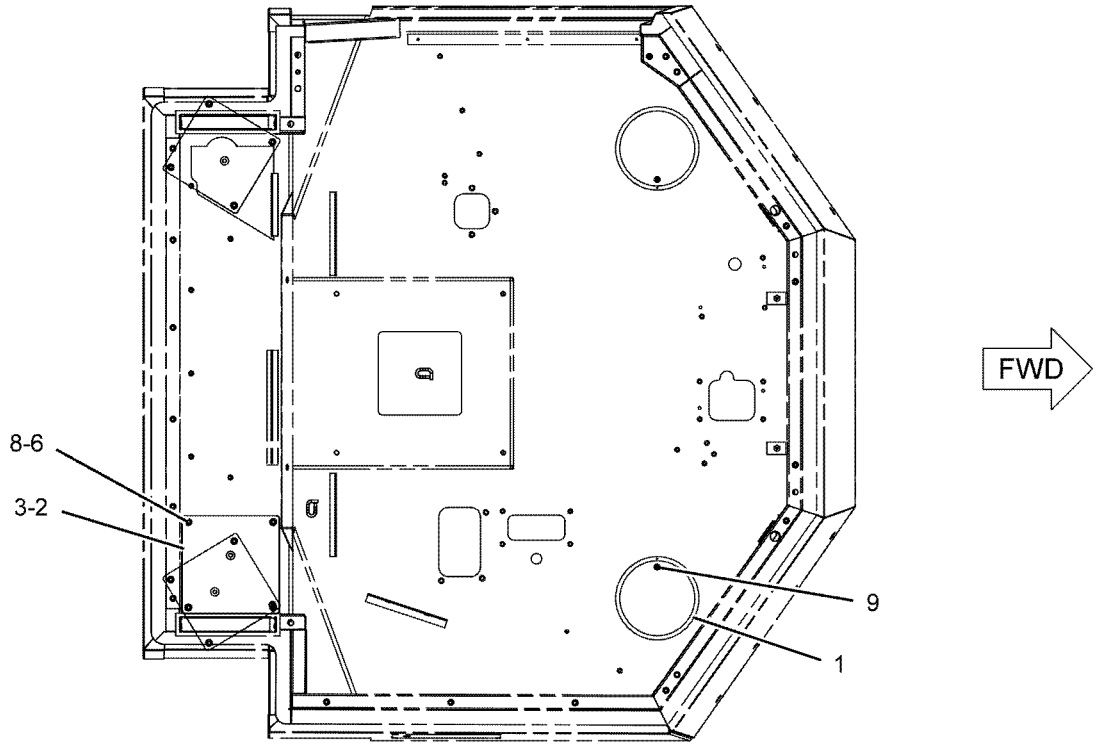
242-0389 **COVER GP-CAB** (contd.) **i02148116**



FRONT VIEW



SECTION A-A



TOP VIEW

GRAPHIC #1 <END> g01091247

123-8701 DOOR GP-CAB—LH

S/N: BTW1-UP

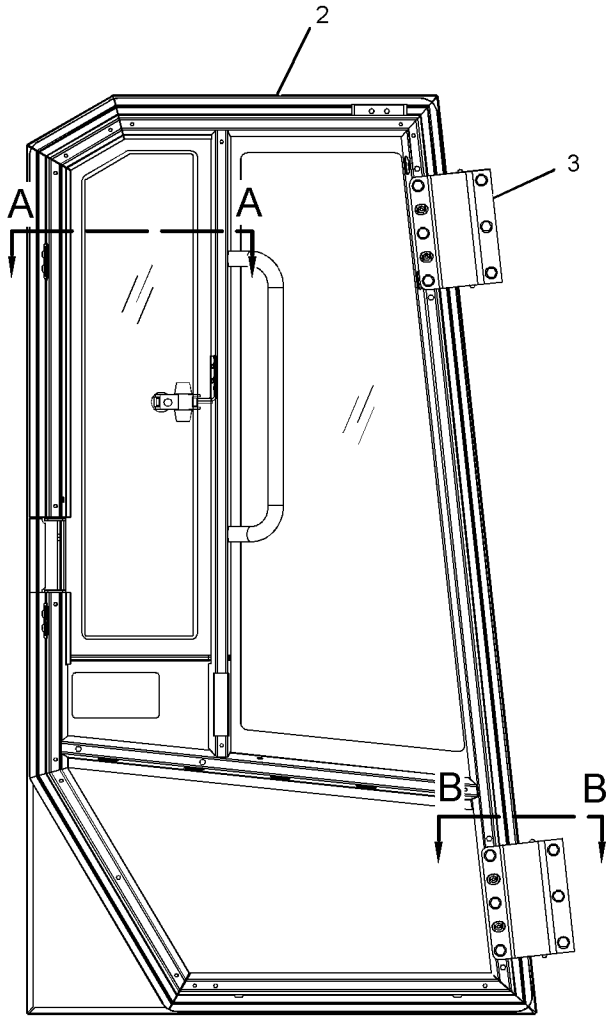
PART OF 267-5292, 272-3384 CAB & PLATFORM GP

SMCS-7308 **i02336464**

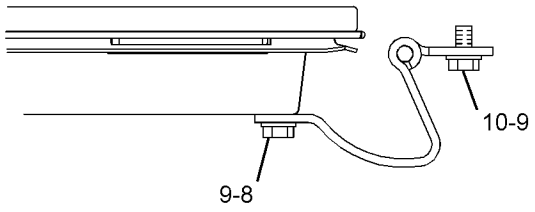
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**9X-2044**	4	SCREW-TRUSS HEAD (M6X1X16-MM)	
	2	1	**4E-7449**	1	DOOR AS	
BE		1	**3E-3000**		SEAL	
		1	**4E-5718**	1	GLASS	
		1	**4E-5705**	1	HANDHOLD	
	3	1	**4E-7450**	2	HINGE AS	
	4	1	**4E-5720**	1	FRAME AS	
BE		1	**3E-3000**		SEAL	
		1	**4E-5719**	1	GLASS-CAB (DOOR)	
	5	1	**4E-5724**	2	WASHER (7X12X1-MM THK)	
	6	1	**4E-5722**	2	HINGE	
	7	1	**9X-6165**	4	WASHER (6.5X22X2.5-MM THK)	
M	8	1	**8T-4196**	6	BOLT (M10X1.5X35-MM)	
	9	1	**8T-4121**	12	WASHER-HARD (11X21X2.5-MM THK)	
M	10	1	**8T-4137**	6	BOLT (M10X1.5X20-MM)	
D	11	1	**6V-0352**		SEAL (0.2-M)	

B - USE AS REQUIRED
D - ORDER BY THE METER
E - ORDER BY THE CENTIMETER
M - METRIC PART

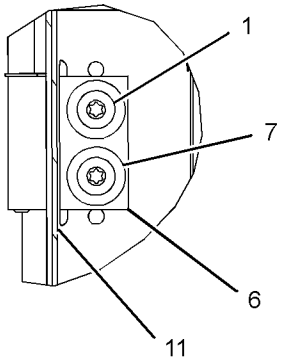
123-8701 **DOOR GP-CAB (**contd.**)** **i02336464**



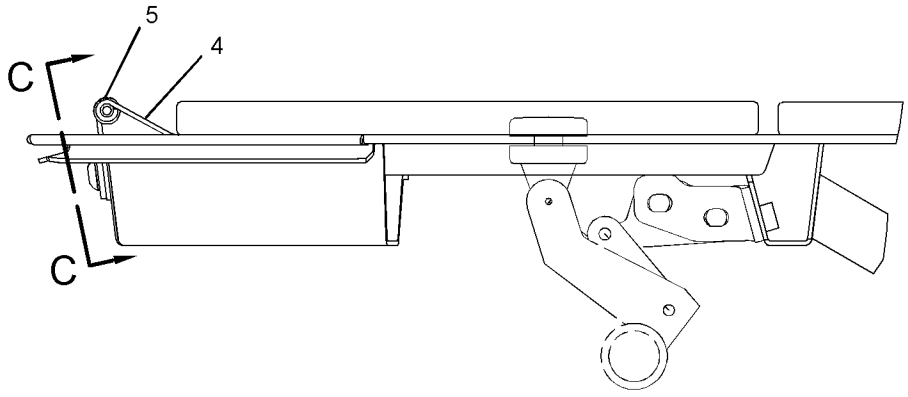
RIGHT SIDE VIEW
(INSIDE LEFT DOOR)



SECTION B-B



SECTION C-C



SECTION A-A

GRAPHIC #1 <END> g01201828

242-5333 DUCT GP-CAB AIR

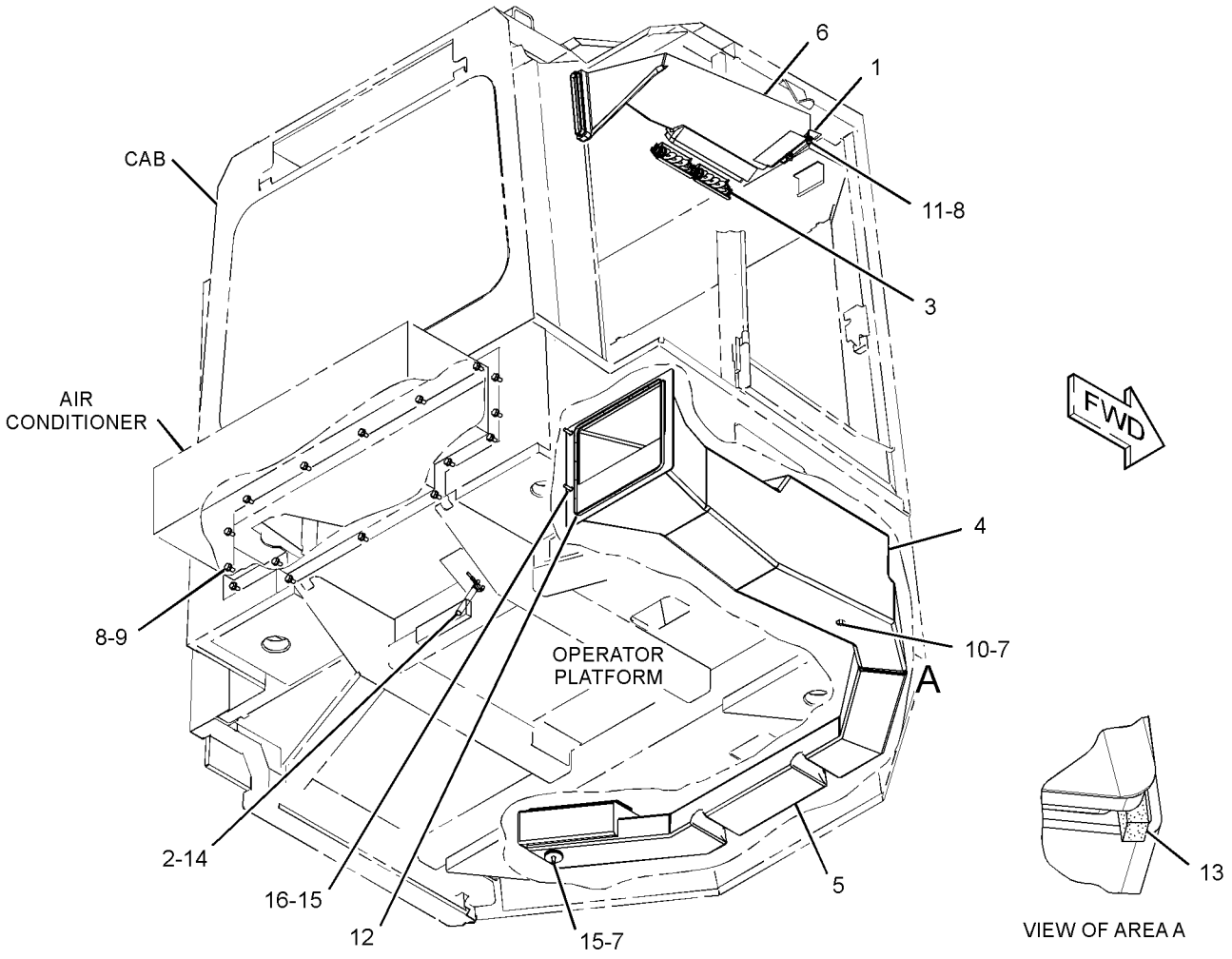
S/N: BTW1-UP

PART OF 242-8026 AIR CONDITIONER AR

SMCS-734D **i04936528**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-9152**	1	PLATE	
	2	1	**5D-1026**	1	CLAMP-BAND	
	3	1	**7T-4306**	2	LOUVER AS	
	4	1	**123-8715**	1	DUCT	
	5	1	**123-8716**	1	DUCT	
	6	1	**242-5331**	1	DUCT	
	7	1	**8R-0126**	5	WASHER (12.2X50X3-MM THK)	
	8	1	**8T-4121**	18	WASHER-HARD (11X21X2.5-MM THK)	
M	9	1	**8T-4137**	16	BOLT (M10X1.5X20-MM)	
M	10	1	**8T-4189**	1	BOLT (M8X1.25X20-MM)	
M	11	1	**8T-4191**	2	BOLT (M10X1.5X16-MM)	
D	12	1	**5P-5969**		SEAL (1.3-M)	
E	13	1	**8T-9005**		SEAL (144-CM)	
D	14	1	**5P-6129**		TUBE (0.2-M)	
M	15	1	**8T-7547**	3	BOLT (M8X1.25X30-MM)	
	16	1	**5P-4116**	2	WASHER-HARD (8.8X20.5X2-MM THK)	

D - ORDER BY THE METER
E - ORDER BY THE CENTIMETER
M - METRIC PART



GRAPHIC #1 <END> g03171376

250-9455 FILTER GP-CAB AIR

S/N: BTW1-UP

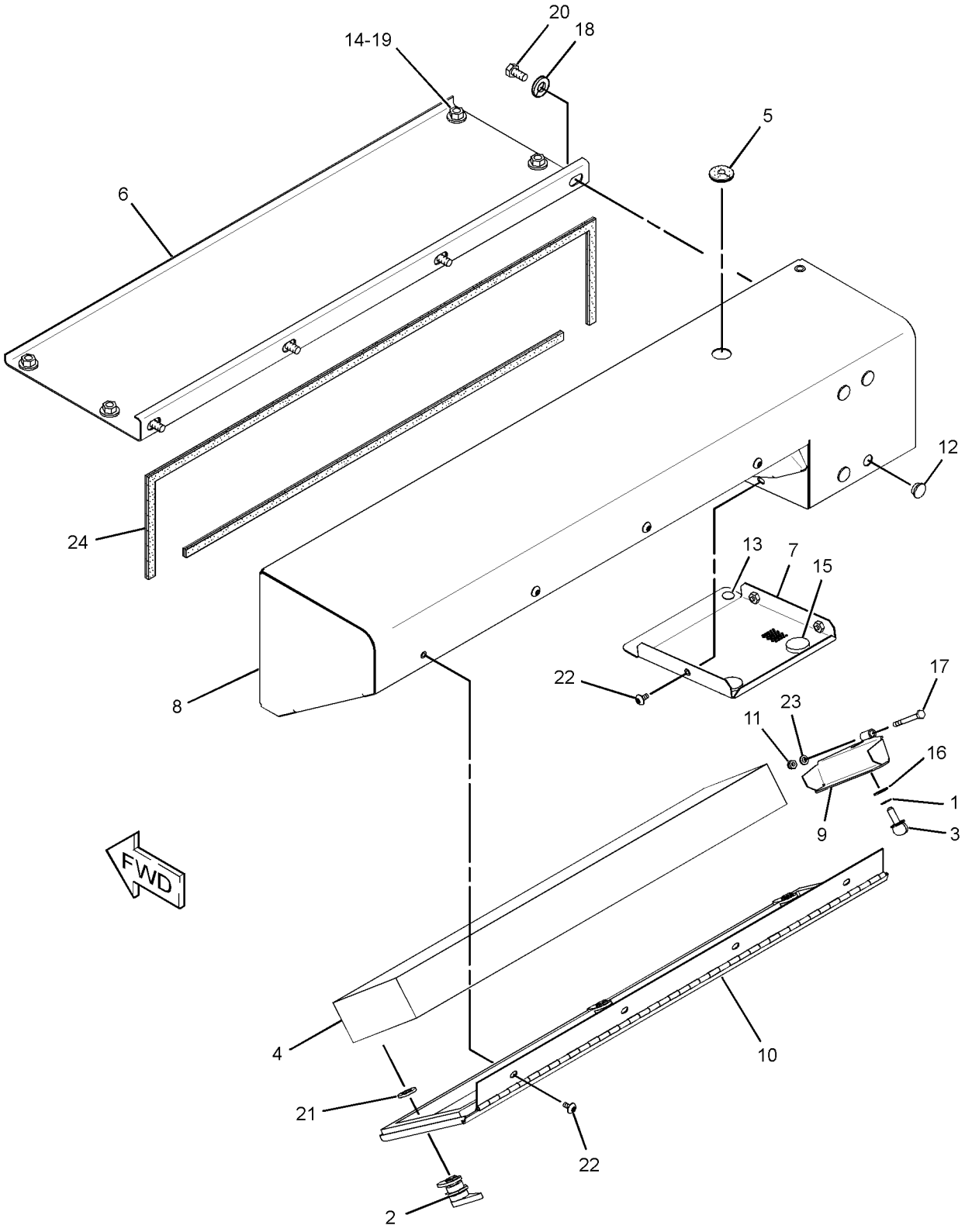
PART OF 242-8026 AIR CONDITIONER AR

SMCS-7342 **i03474968**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**2R-2376**	1	WASHER (7X16X0.8-MM THK)	
	2	1	**3V-7689**	3	HANDLE AS	
	3	1	**3W-3465**	1	SCREW	
	4	1	**9X-8216**	1	FILTER ELEMENT-CAB AIR (STANDARD EFFICIENCY)	
	5	1	**133-9399**	1	GROMMET	
	6	1	**199-6176**	1	SHEET	
	7	1	**199-7856**	1	SHEET AS	
	8	1	**251-6553**	1	SHEET AS	
	9	1	**251-6556**	1	SHEET	
	10	1	**251-6557**	1	DOOR AS	
E		1	**3E-6602**		SEAL (205-CM)	
		1	**4E-7412**	1	HINGE	
M	11	1	**129-3178**	1	LOCKNUT (M6X1-THD)	
	12	1	**2M-4009**	4	PLUG-BUTTON	
	13	1	**2V-3726**	1	BUMPER	
	14	1	**3E-4353**	4	WASHER-HARD (11X25X3-MM THK)	
	15	1	**3N-4809**	2	PLUG-BUTTON	
	16	1	**6V-1668**	1	WASHER (6.5X29.1X3-MM THK)	
M	17	1	**7X-2535**	1	BOLT (M6X1X60-MM)	
	18	1	**8T-4121**	4	WASHER-HARD (11X21X2.5-MM THK)	
M	19	1	**8T-4133**	4	NUT (M10X1.5-THD)	
M	20	1	**8T-4137**	4	BOLT (M10X1.5X20-MM)	
	21	1	**8T-4223**	3	WASHER-HARD (13.5X25.5X3-MM THK)	
M	22	1	**9X-2042**	7	SCREW-TRUSS HEAD (M6X1X12-MM)	
	23	1	**9X-8256**	1	WASHER (6.6X12X2-MM THK)	
D	24	1	**6V-0352**		SEAL (0.4-M)	

D - ORDER BY THE METER
E - ORDER BY THE CENTIMETER
M - METRIC PART

250-9455 **FILTER GP-CAB AIR (**contd.**)** **i03474968**



GRAPHIC #1 <END> g01435291

315-9896 FILTER GP-CAB AIR

S/N: BTW1-UP

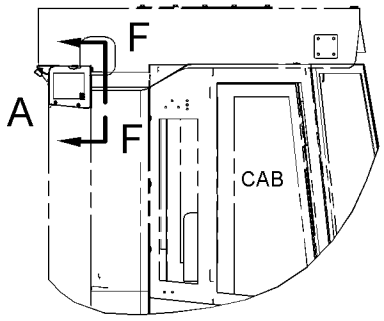
PART OF 242-8026 AIR CONDITIONER AR

SMCS-7342 **i06259755**

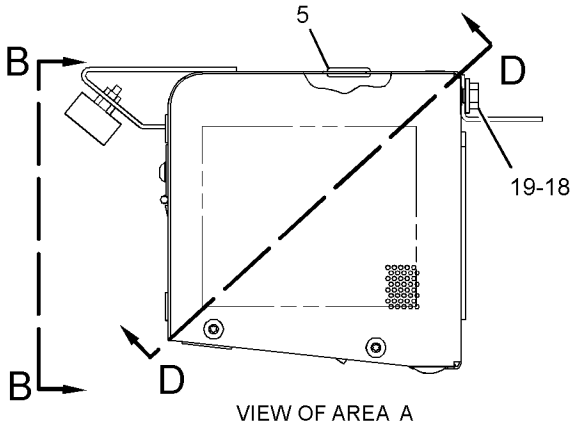
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**2R-2376**	1	WASHER (7X16X0.8-MM THK)	
	2	1	**3V-7689**	3	HANDLE AS	
	3	1	**3W-3465**	1	SCREW	
	4	1	**9X-8216**	1	FILTER ELEMENT-CAB AIR (STANDARD EFFICIENCY)	
	5	1	**133-9399**	1	GROMMET	
	6	1	**199-7856**	1	SHEET AS	
	7	1	**251-6556**	1	SHEET	
	8	1	**343-0866**	1	DOOR AS	
E		1	**3E-6602**		SEAL (205-CM)	
		1	**343-0864**	1	HINGE	
	9	1	**315-9894**	1	GASKET	
	10	1	**343-0867**	1	SHEET AS	
M	11	1	**129-3178**	1	LOCKNUT (M6X1-THD)	
	12	1	**2M-4009**	4	PLUG-BUTTON	
	13	1	**2V-3726**	1	BUMPER	
	14	1	**3N-4809**	2	PLUG-BUTTON	
M	15	1	**5C-2890**	6	NUT (M6X1-THD)	
	16	1	**6V-1668**	1	WASHER (6.5X29.1X3-MM THK)	
M	17	1	**7X-2535**	1	BOLT (M6X1X60-MM)	
	18	1	**7X-7729**	4	WASHER (11X25X3-MM THK)	
M	19	1	**8T-4136**	4	BOLT (M10X1.5X25-MM)	
	20	1	**8T-4223**	3	WASHER-HARD (13.5X25.5X3-MM THK)	
M	21	1	**9X-2042**	6	SCREW-TRUSS HEAD (M6X1X12-MM)	
	22	1	**9X-8256**	7	WASHER (6.6X12X2-MM THK)	
	23	1	**9X-2038**	1	WASHER (7X19X2-MM THK)	
M	24	1	**9X-2044**	1	SCREW-TRUSS HEAD (M6X1X16-MM)	
	25	1	**343-7152**	1	MAGNET	
D	26	1	**6V-0352**		SEAL (0.3-M)	
D	26A	1	**6V-0352**		SEAL (0.7-M)	
M	27	1	**5C-7261**	1	NUT (M8X1.25-THD)	

D - ORDER BY THE METER
E - ORDER BY THE CENTIMETER
M - METRIC PART

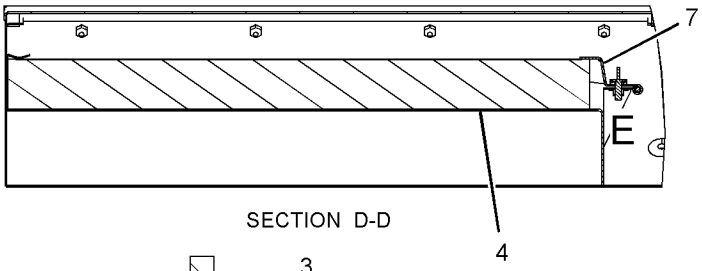
315-9896 **FILTER GP-CAB AIR (**contd.**)** **i06259755**



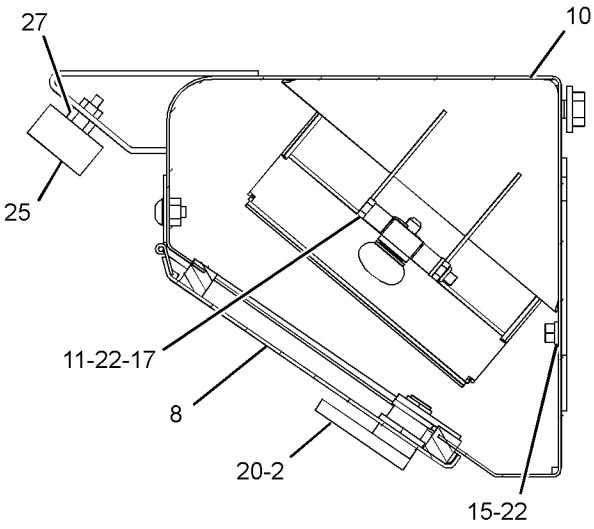
RIGHT SIDE VIEW



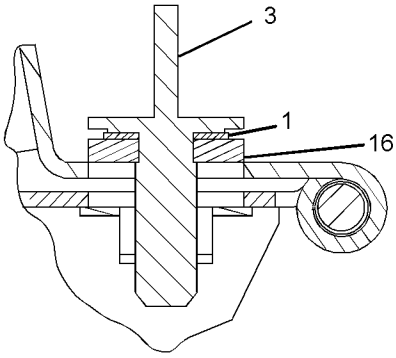
VIEW OF AREA A



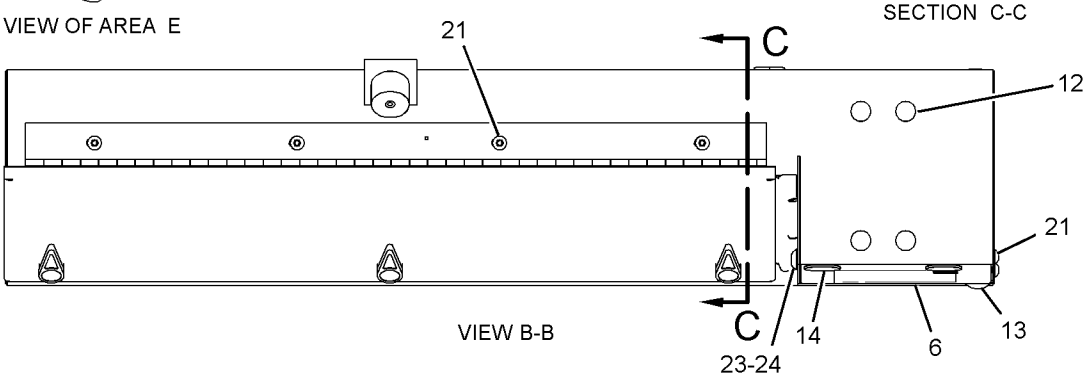
SECTION D-D



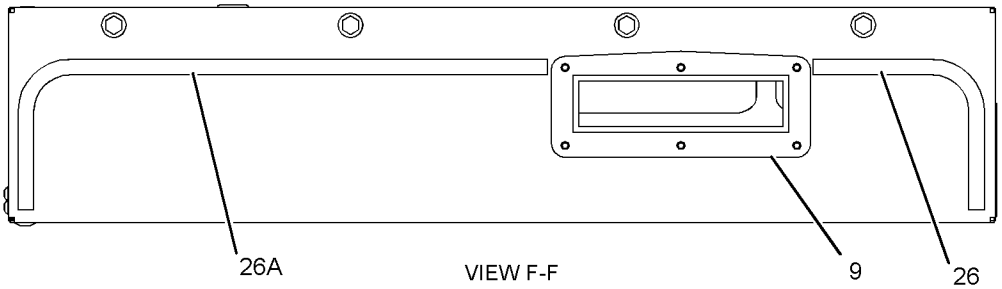
SECTION C-C



VIEW OF AREA E



VIEW B-B



VIEW F-F

GRAPHIC #1 <END> g06152455

236-5169 INSTALLATION GP-RADIO

S/N: BTW1-UP

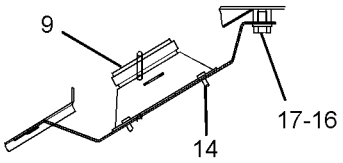
PART OF 234-5964, 281-4121 CAB AR

SMCS-7338 **i02025069**

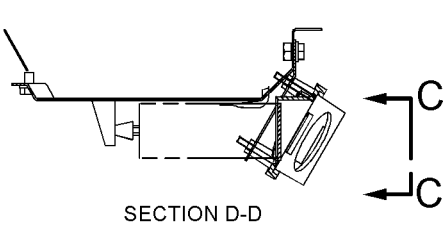
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1V-6341**	4	SEAL	
M	2	1	**3E-6924**	6	SCREW-TRUSS HEAD (M6X1X50-MM)	
	3	1	**4E-8030**	1	BRACKET AS	
		1	**7T-1099**	2	LINK	
	4	1	**4E-8035**	1	PANEL-TRIM	
	5	1	**4E-8038**	1	HANGER AS	
	6	1	**4E-8917**	1	PLATE AS	
M		1	**6V-9632**	6	NUT-WELD (M6X1-THD)	
	7	1	**4E-9151**	1	CLAMP	
	8	1	**6B-4196**	4	WASHER-THRUST (16.25X26.97X2.36-MM THK)	
	9	1	**6T-7695**	2	SPEAKER AS-RADIO	
	10	1	**9U-2327**	2	CONNECTOR	
	11	1	**9U-2328**	1	CABLE AS-COAXIAL	
	12	1	**9U-2329**	1	CABLE AS-COAXIAL	
	13	1	**9U-8263**	1	COVER	
	14	1	**6V-2687**	8	SCREW-PAN HEAD (10-24X1-IN)	
M	15	1	**7Y-3173**	2	SCREW-BUTTON HEAD (M4X0.7X12-MM)	
	16	1	**8T-4121**	8	WASHER-HARD (11X21X2.5-MM THK)	
M	17	1	**8T-4191**	8	BOLT (M10X1.5X16-MM)	

M - METRIC PART

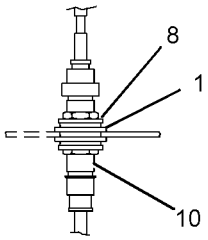
236-5169 **INSTALLATION GP-RADIO (**contd.**)** **i02025069**



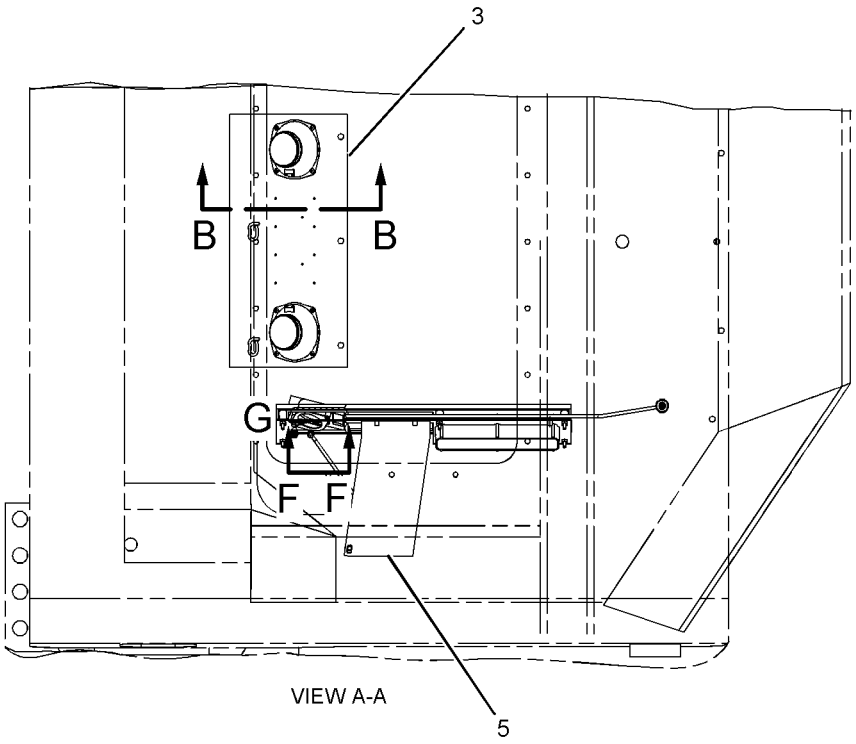
SECTION B-B



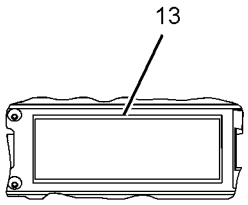
SECTION D-D



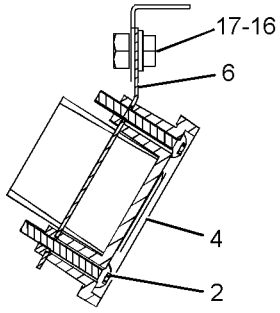
VIEW F-F



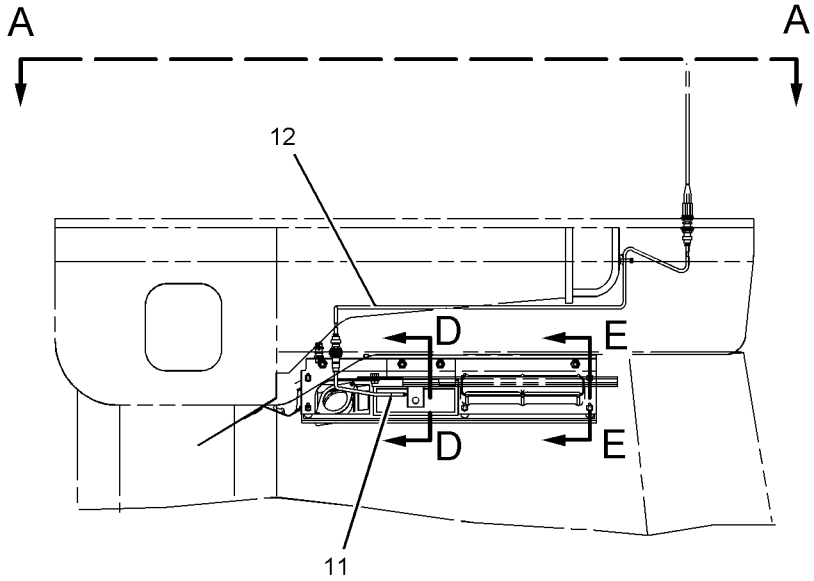
VIEW A-A

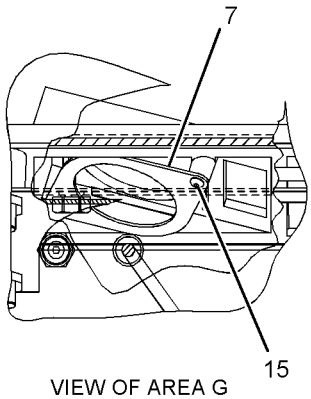


VIEW C-C



SECTION E-E





VIEW OF AREA G

GRAPHIC #1 <END> g01049828

274-8878 KIT-FLOW CONTROL VALVE

S/N: BTW1-UP

FOR USE WITH REHS1717

SMCS-5137, 7309

i05197261

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	241-7690	1	HARNESS AS	
E	**119-3662**		TUBE-HEAT SHRINK (10.85-MM DIA) (7-CM)	
	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
	155-2270	1	KIT-CONNECTING PLUG (2-PIN)	
	102-8805	1	KIT-RECEPTACLE (6-PIN)	
	3E-3383	1	WEDGE-RECEPTACLE LOCK (6-PIN)	
	8T-8729	4	PIN-CONNECTOR (16-GA TO 18-GA)	
	8T-8730	5	SOCKET-CONNECTOR (16-GA TO 18-GA)	
	8T-8737	2	PLUG-SEAL	
	239-7415	1	HARNESS AS-HEATER & AIR COND (TEMPERATURE CONTROL)	
	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
E	**119-3662**		TUBE-HEAT SHRINK (10.85-MM DIA) (13-CM)	
E	**125-7876**		TUBE-HEAT SHRINK (17.78-MM DIA) (8-CM)	
	9W-0852	3	PIN-CONNECTOR (14-GA TO 16-GA)	
	9W-0844	3	SOCKET-CONNECTOR (14-GA TO 16-GA)	
	3S-2093	10	STRAP-CABLE	
	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)	
	102-8803	1	KIT-RECEPTACLE (3-PIN)	
	241-7691	1	HARNESS AS-HEATER & AIR COND (POWER)	
	102-8803	1	KIT-RECEPTACLE (3-PIN)	
	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)	
	8T-8729	3	PIN-CONNECTOR (16-GA TO 18-GA)	
	100-6674	3	SEAL-CONNECTOR	
	239-9368	1	RESISTOR AS	
	239-5535	1	VALVE AS-FLOW CONTROL (WATER)	
	4B-4863	4	WASHER (4.7X11X1.2-MM THK)	
	4M-6582	1	SEAL-O-RING	
	124-0312	4	SCREW-PAN HEAD (8-16X0.32-IN)	

E - ORDER BY THE CENTIMETER

<END>

397-6405 KIT-SEAT AIR COMPRESSOR

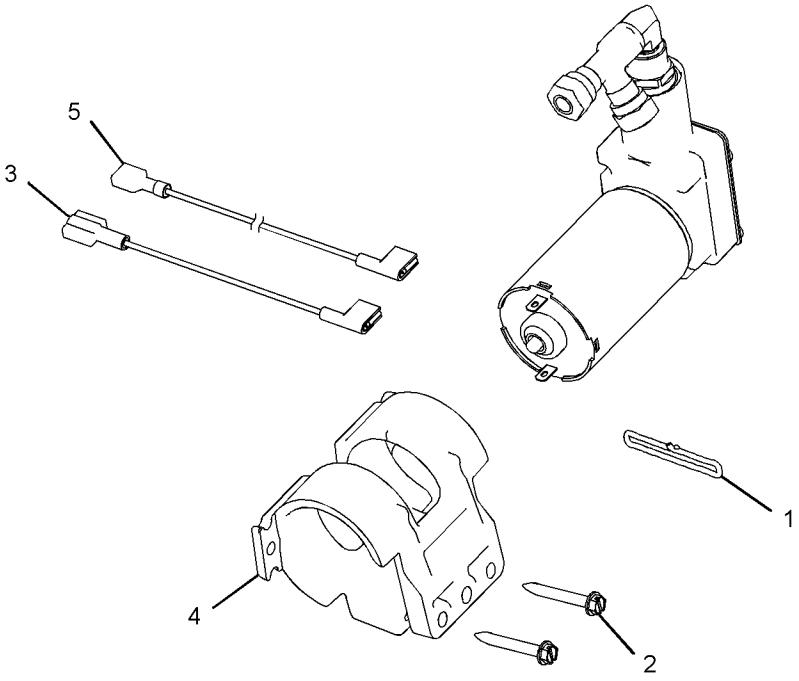
S/N: BTW1-UP

FIELD REPLACEMENT FOR 237-3970—PAGE: 1209

SMCS-731K, 7324

i06534941

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8L-8413**	1	STRAP-CABLE (WHITE)	
	2	1	**186-5107**	2	SCREW-DRIVE (NO 8-16X1.25-IN)	
	3	1	**387-0317**	1	WIRE AS (16-GA, BLACK)	
	4	1	**372-2158**	1	BRACKET-MOUNTING	
	5	1	**387-0314**	1	WIRE AS (16-GA, ORANGE)	
					PARTS SHOWN IN GRAPHIC(S) WITHOUT A REFERENCE NUMBER ARE NOT SERVICED SEPARATELY	



GRAPHIC #1 <END> g06016088

212-7779 KIT-SHOCK ABSORBER

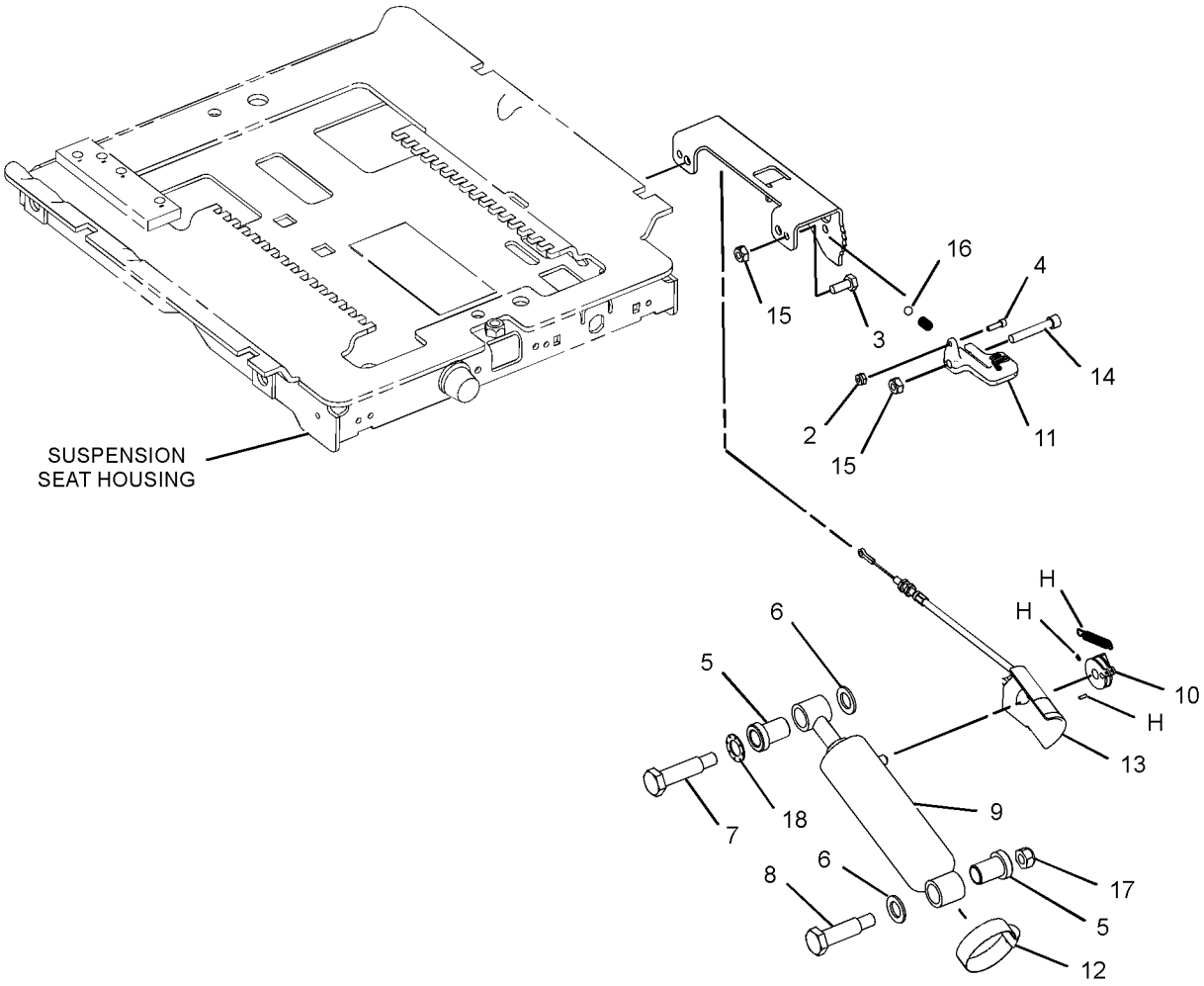
S/N: BTW1-UP

PART OF 277-8032 SUSPENSION GP-SEAT

SMCS-7324 **i06250863**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3S-2093**	1	STRAP-CABLE	
	2	1	**7D-6922**	1	LOCKNUT (6-32-THD)	
	3	1	**114-5157**	2	ADJUSTER	
	4	1	**138-8885**	1	BOLT-SOCKET HEAD (6-32X0.5-IN)	
	5	1	**163-1137**	2	BEARING	
	6	1	**192-7811**	2	WASHER (13X22X2-MM THK)	
	7	1	**192-7812**	1	BOLT-SPECIAL	
	8	1	**192-7813**	1	BOLT-SPECIAL	
	9	1	**212-7780**	1	ABSORBER AS-SHOCK	
	10	1	**212-7783**	1	KIT-PULLEY	
					(INCLUDES PARTS MARKED "H" IN GRAPHIC)	
	11	1	**213-4754**	1	KNOB	
	12	1	**9M-2904**	1	CLAMP-HOSE	
	13	1	**377-3141**	1	CABLE AS	
	14	1	**138-8886**	1	BOLT-SOCKET HEAD (1/4-20X1.5-IN)	
	15	1	**2D-6235**	3	LOCKNUT (1/4-20-THD)	
	16	1	**2D-6642**	1	BALL	
	17	1	**2K-4973**	1	LOCKNUT (3/8-16-THD)	
	18	1	**3J-4818**	1	LOCKWASHER (EXTERNAL TOOTH)	
					PARTS SHOWN IN GRAPHIC(S) WITHOUT A REFERENCE NUMBER ARE NOT SERVICED SEPARATELY	

212-7779 **KIT-SHOCK ABSORBER (**contd.**)** **i06250863**



GRAPHIC #1 <END> g03662307

250-9306 LATCH GP-CAB DOOR & WINDOW

S/N: BTW1-UP

PART OF 234-5964, 281-4121 CAB AR

SMCS-7308, 7310

i06259762

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**4E-5725**	1	PLATE	
	2	2	**4E-5726**	1	PLATE AS	
M		2	**6V-9632**	2	NUT-WELD (M6X1-THD)	
	3	2	**4E-7451**	2	PLATE	
	4	2	**4E-7748**	1	BRACKET AS	
M		2	**6V-9632**	2	NUT-WELD (M6X1-THD)	
	5	2	**4E-7749**	1	COVER	
	6	1	**4E-7839**	1	BRACKET AS	
M		1	**8T-3612**	1	NUT-WELD (M8X1.25-THD)	
	7	2	**4E-9536**	1	PLATE	
	8	2	**4E-9537**	2	PLATE	
	9	1,2	**6V-7636**	3	PIN AS-SPRING	
	10	2	**7X-2497**	1	HANDLE-DOOR	
	11	1	**8C-7529**	1	STRIKER AS-LATCH	
	13	1,2	**8T-4157**	2	STRIKER AS	
					(EACH INCLUDES)	
		1,2	**8T-4158**	1	WASHER-SPECIAL	
	14	2	**147-3019**	2	BRACKET	
	15	2	**8Y-5748**	1	LATCH AS	
	16	2	**8Y-5749**	1	ROD AS	
	17	2	**8Y-8294**	1	LATCH AS-WINDOW	
	18	2	**8Y-8296**	1	HANDLE AS	
		2	**8Y-4501**	1	SPRING-HANDLE	
	19	2	**8Y-8318**	1	LINK-CONNECTING	
	20	2	**8Y-8320**	1	LATCH AS-DOOR	
M	21	2	**9X-2546**	2	BOLT (M6X1X20-MM)	
	22	1	**108-5471**	1	CLEVIS	
	24	1	**242-9508**	1	LATCH AS	
	25	1	**250-0769**	1	LATCH AS	
	26	1	**250-0770**	1	LINK-TAG	
	27	1	**250-0771**	1	LINKAGE AS	
	28	1	**250-4568**	1	GASKET	
M	30	1	**096-4884**	1	LOCKNUT (M12X1.75-THD)	
	31	2	**109-6945**	1	PIN-SPRING	
M	32	1	**3E-8020**	5	SCREW-TRUSS HEAD (M6X1X25-MM)	
	34	1	**4E-1384**	1	BUMPER-CONICAL	
M	35	2	**5C-2890**	2	NUT (M6X1-THD)	
M	36	1,2	**5C-7261**	2	NUT (M8X1.25-THD)	
M	37	1,2	**5C-9553**	7	BOLT (M6X1X16-MM)	
M	38	2	**8T-4180**	4	SCREW-MACHINE (M5X0.8X20-MM)	
	39	1	**6V-8801**	1	NUT (3/8-16-THD)	
	40	1	**7X-0546**	2	WASHER-HARD (12X25.5X2-MM THK)	
	41	2	**7X-3310**	1	KNOB-BALL	
M	42	2	**8C-3210**	1	BOLT (M6X1X16-MM)	
M	43	2	**8T-4181**	8	BOLT (M6X1X20-MM)	
	44	1,2	**8T-4205**	13	WASHER-HARD (7.2X14.5X2-MM THK)	
	45	1	**8T-4223**	1	WASHER-HARD (13.5X25.5X3-MM THK)	
M	47	1	**9X-2042**	1	SCREW-TRUSS HEAD (M6X1X12-MM)	

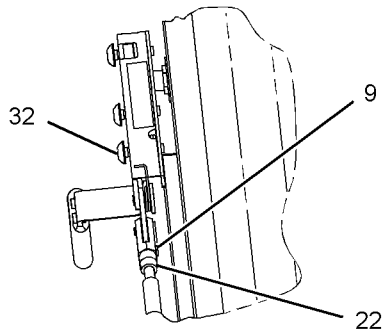
250-9306 **LATCH GP-CAB DOOR & WINDOW (**contd.**)** **i06259762**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	48	1,2	**9X-2044**	9	SCREW-TRUSS HEAD (M6X1X16-MM)	
M	49	1	**9X-2045**	4	SCREW-TRUSS HEAD (M6X1X20-MM)	
E	50	1	**103-2554**		SEAL (350-CM)	
E	50A	2	**103-2554**		SEAL (240-CM)	
E	50B	2	**103-2554**		SEAL (450-CM)	
	51	2	**5P-0537**	4	WASHER-HARD (7.2X14.5X2-MM THK)	
	52	1	**253-8677**	1	PIN AS-SPRING	
	53	1	**8Y-6386**	1	SEAL-HANDLE	

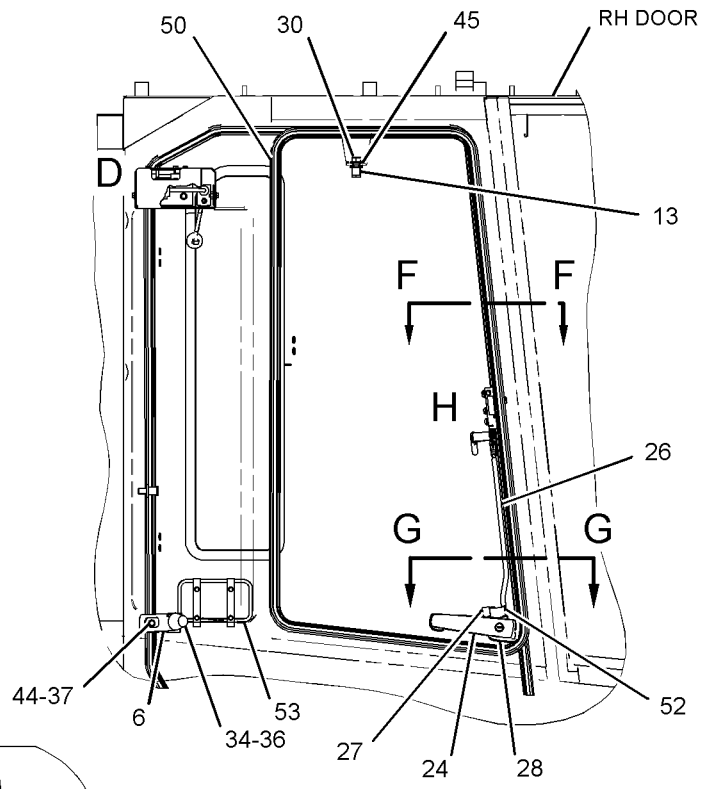
E - ORDER BY THE CENTIMETER
M - METRIC PART

250-9306 **LATCH GP-CAB DOOR & WINDOW (**contd.**)** **i06259762**

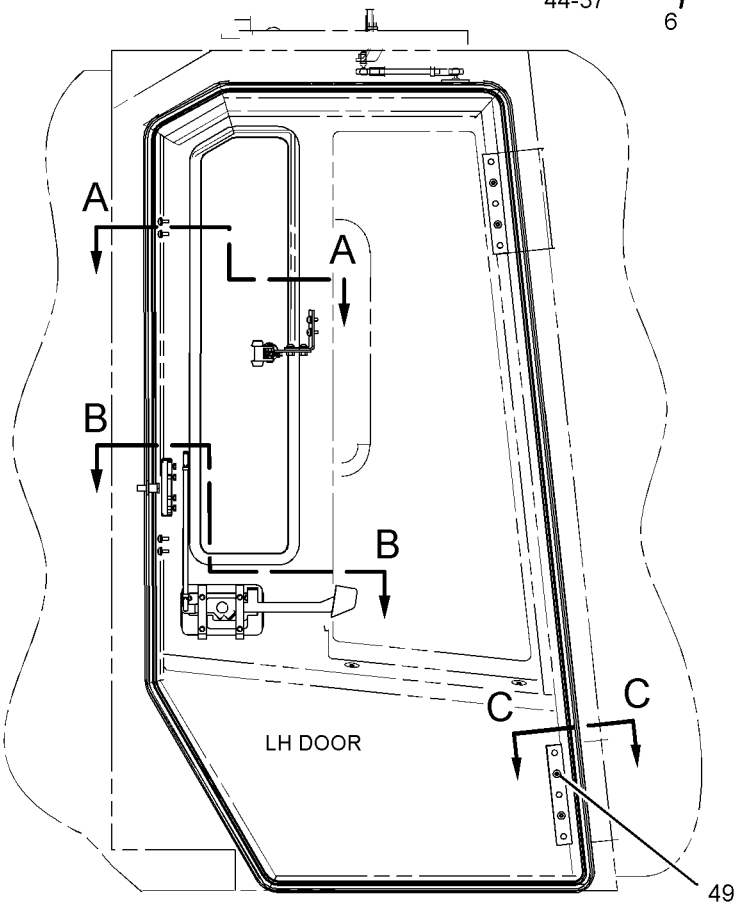
REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



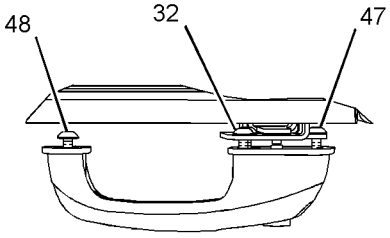
VIEW OF AREA H



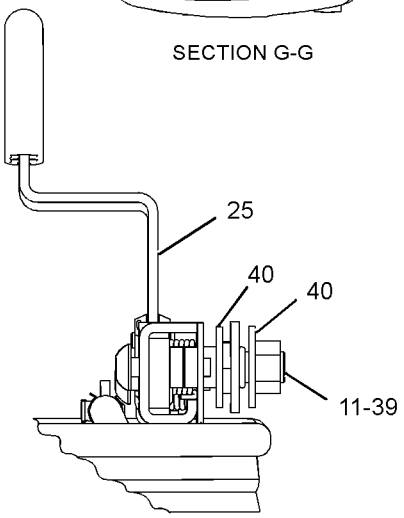
RIGHT SIDE VIEW



RIGHT SIDE VIEW
(INSIDE LEFT DOOR)



SECTION G-G

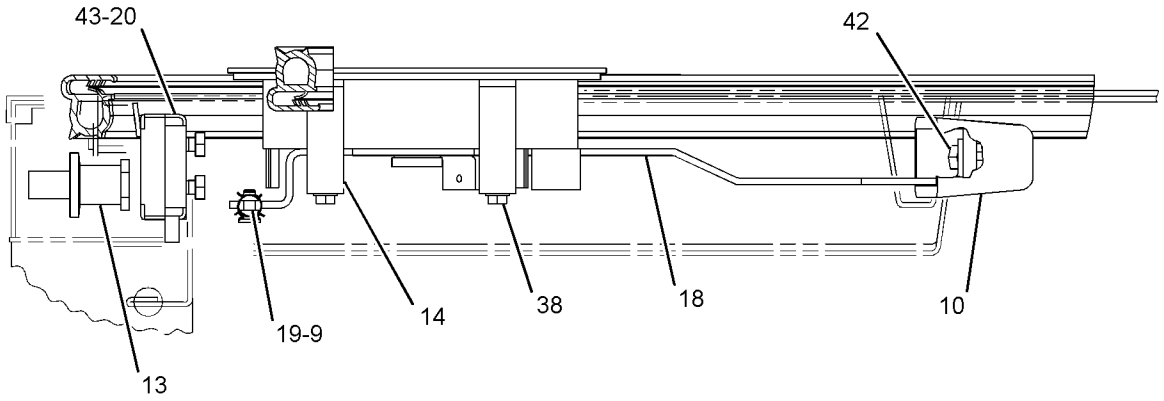


SECTION F-F

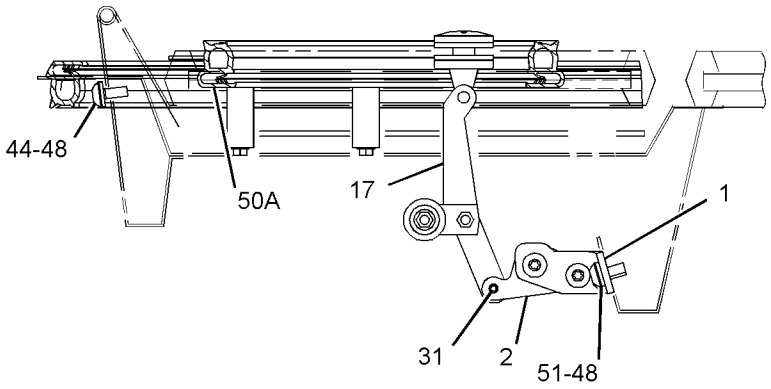
GRAPHIC #1

g06153234

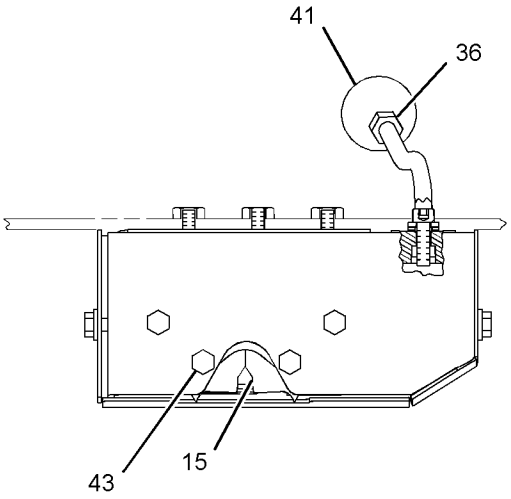
250-9306 **LATCH GP-CAB DOOR & WINDOW (**contd.**)** **i06259762**



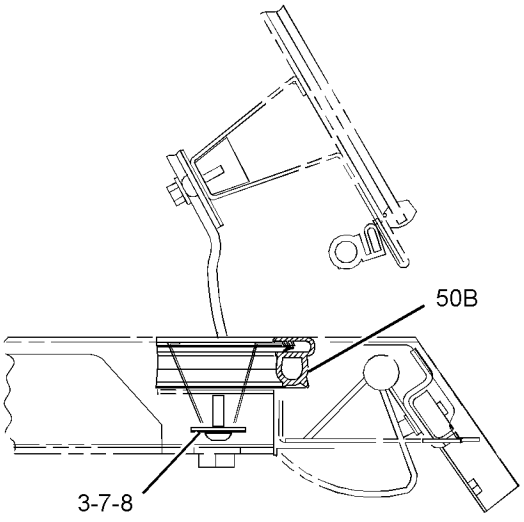
SECTION B-B



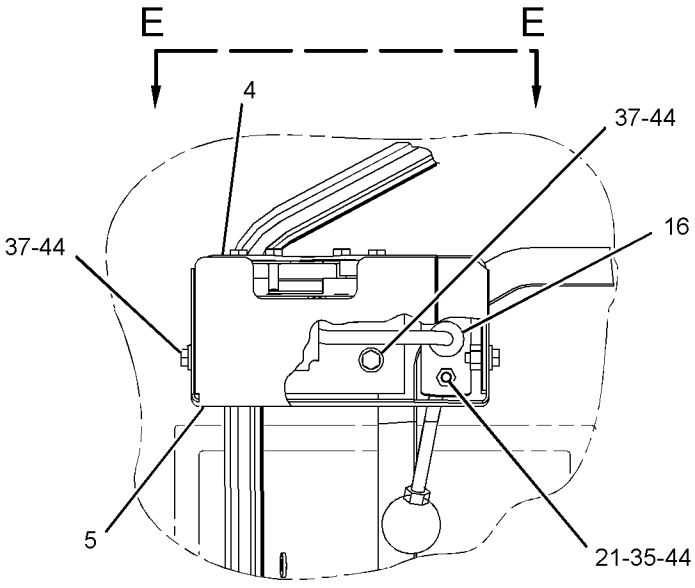
SECTION A-A



VIEW E-E



SECTION C-C



VIEW OF AREA D

GRAPHIC #2 <END> g06153241

275-3638 LINER GP-CAB

S/N: BTW1-UP

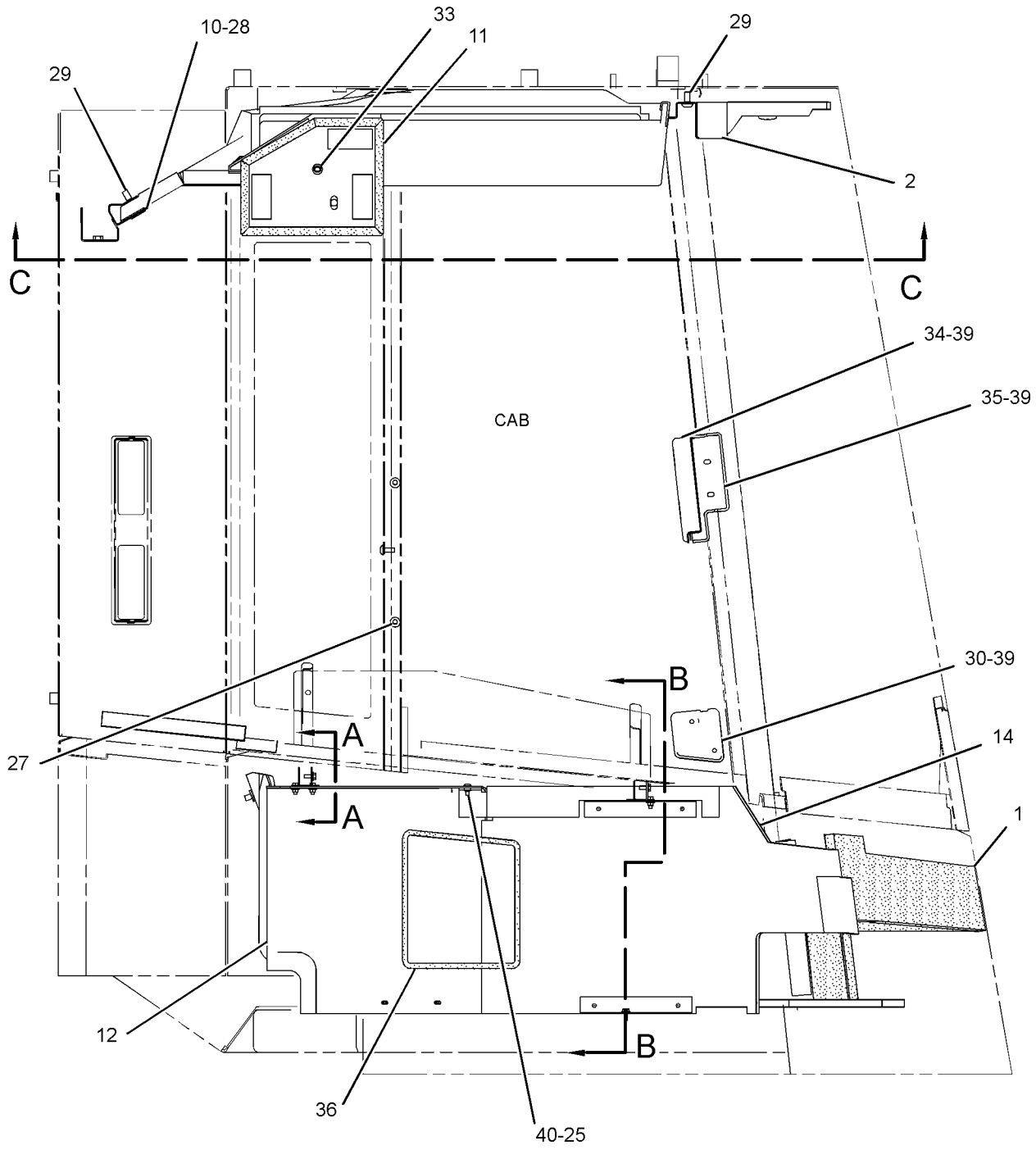
PART OF 234-5964, 281-4121 CAB AR

SMCS-7329 **i02869624**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**123-8696**	1	INSULATION	
	2	1	**266-3597**	1	HANGER AS	
B	3	2	**5P-0537**	3	WASHER-HARD (7.2X14.5X2-MM THK)	
BM	4	2	**5C-2890**	1	NUT (M6X1-THD)	
	5	3	**146-3095**	1	PANEL AS	
	6	2	**9U-1860**	2	BRACKET	
	7	2	**146-3096**	1	LINER-CAB	
	8	2	**123-8690**	1	LINER-CAB	
	9	3	**6V-2687**	2	SCREW-PAN HEAD (10-24X1-IN)	
	10	1	**266-3600**	1	HANGER AS (REAR)	
	11	1	**198-4419**	1	INSULATION	
	12	1	**123-8687**	1	PANEL	
	14	1	**123-8685**	1	PANEL AS-TRIM	
	15	2	**9U-1866**	2	ANGLE	
BM	16	2	**5C-9553**	3	BOLT (M6X1X16-MM)	
	17	3	**8T-4205**	2	WASHER-HARD (7.2X14.5X2-MM THK)	
	18	3	**9U-1217**	1	COVER	
	19	3	**8T-4121**	8	WASHER-HARD (11X21X2.5-MM THK)	
M	20	3	**8T-4191**	2	BOLT (M10X1.5X16-MM)	
	24	3	**123-8703**	1	PANEL-TRIM	
BM	25	1,2,3	**9X-2044**	9	SCREW-TRUSS HEAD (M6X1X16-MM)	
	26	3	**123-8702**	1	PANEL AS-SOUND SUPPRESSION	
		3	**4E-8293**	3	FASTENER	
M	27	1	**127-2170**	3	SCREW-TRUSS HEAD (M8X1.25X20-MM)	
	28	1	**9D-3767**	4	PLUG-BUTTON	
M	29	1	**9X-2041**	8	SCREW-TRUSS HEAD (M10X1.5X20-MM)	
	30	1	**250-0765**	1	COVER	
M	31	3	**9X-2040**	2	SCREW-TRUSS HEAD (M10X1.5X25-MM)	
	32	2	**146-2614**	3	BUTTON	
	33	1	**178-4323**	1	CAP	
	34	1	**250-0767**	1	COVER	
	35	1	**250-4570**	1	COVER	
D	36	1	**6V-3987**		SEAL (1-M)	
M	38	2	**8T-0269**	1	BOLT-SOCKET HEAD (M6X1X20-MM)	
M	39	1	**9X-2042**	6	SCREW-TRUSS HEAD (M6X1X12-MM)	
	40	1,2	**4E-8722**	3	NUT (RETAINER)	

B - USE AS REQUIRED
D - ORDER BY THE METER
M - METRIC PART

275-3638 **LINER GP-CAB (**contd.**)** **i02869624**

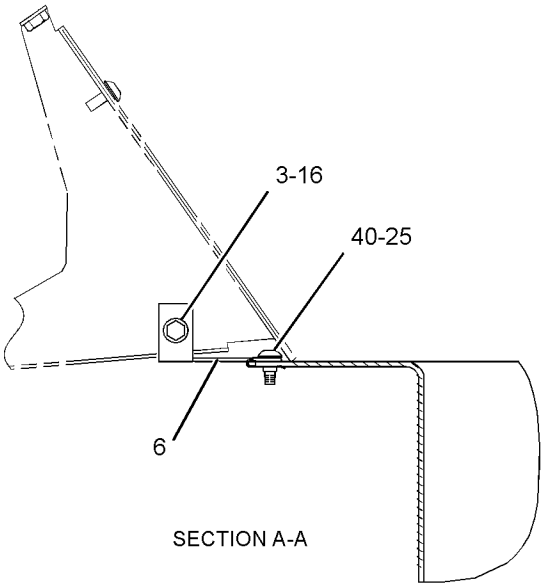


RIGHT SIDE VIEW

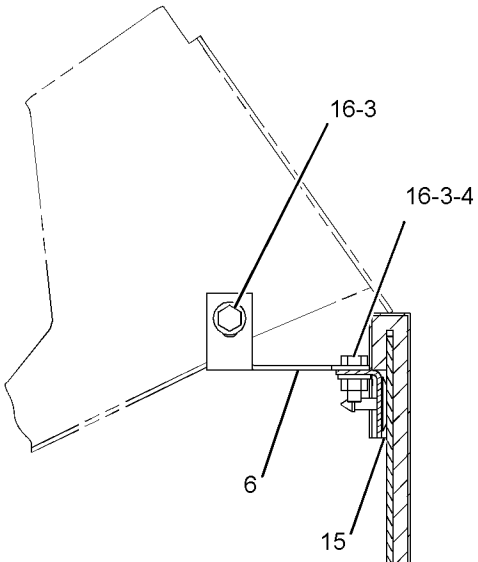
REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

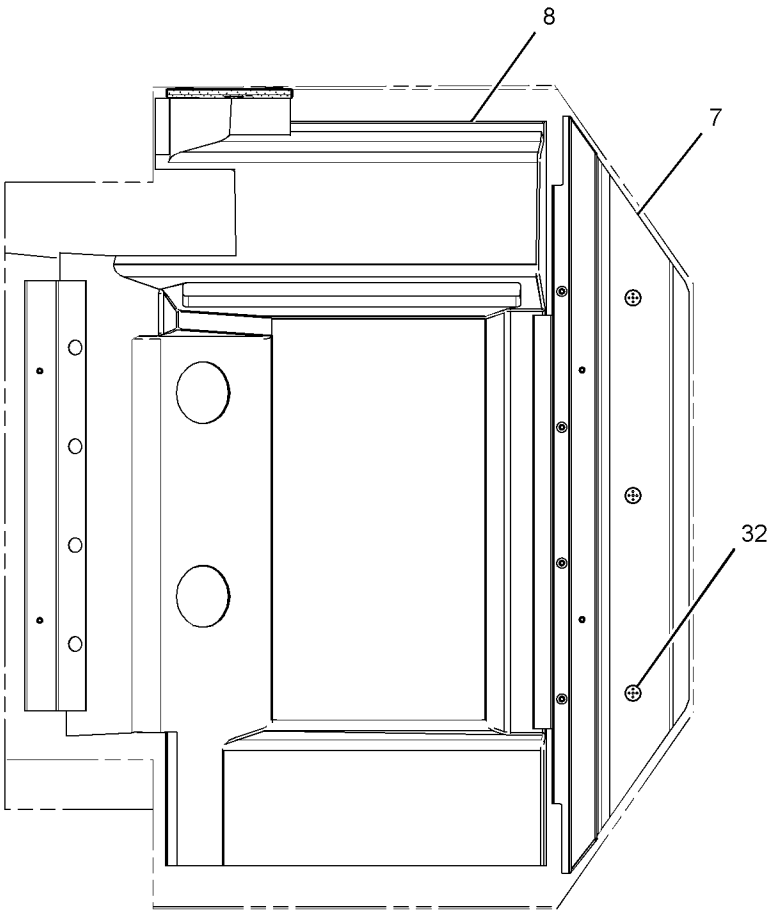
GRAPHIC #1 g01365057

275-3638 **LINER GP-CAB (**contd.**)** **i02869624**

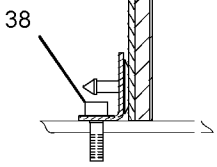


SECTION A-A





VIEW C-C

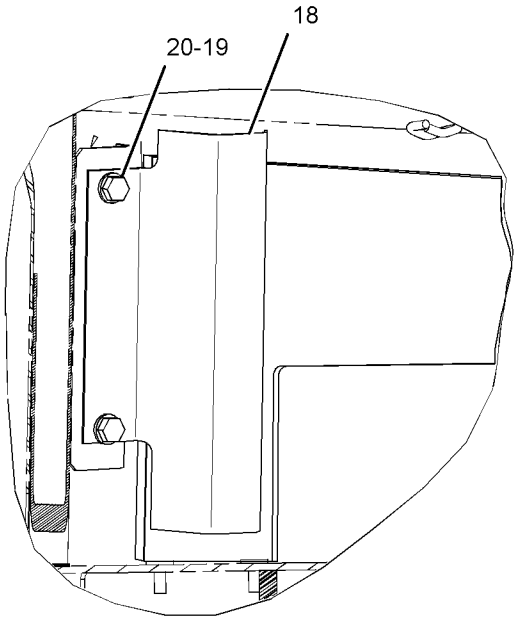


SECTION B-B

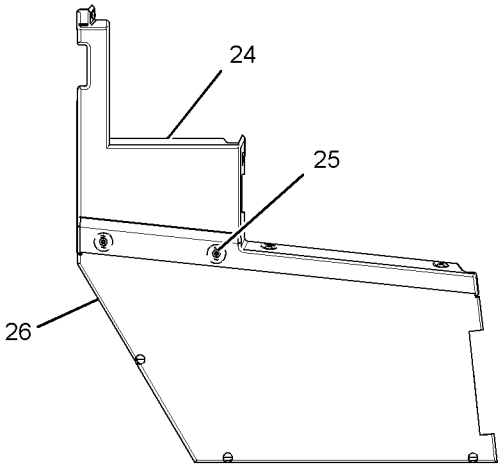
GRAPHIC #2

g01365062

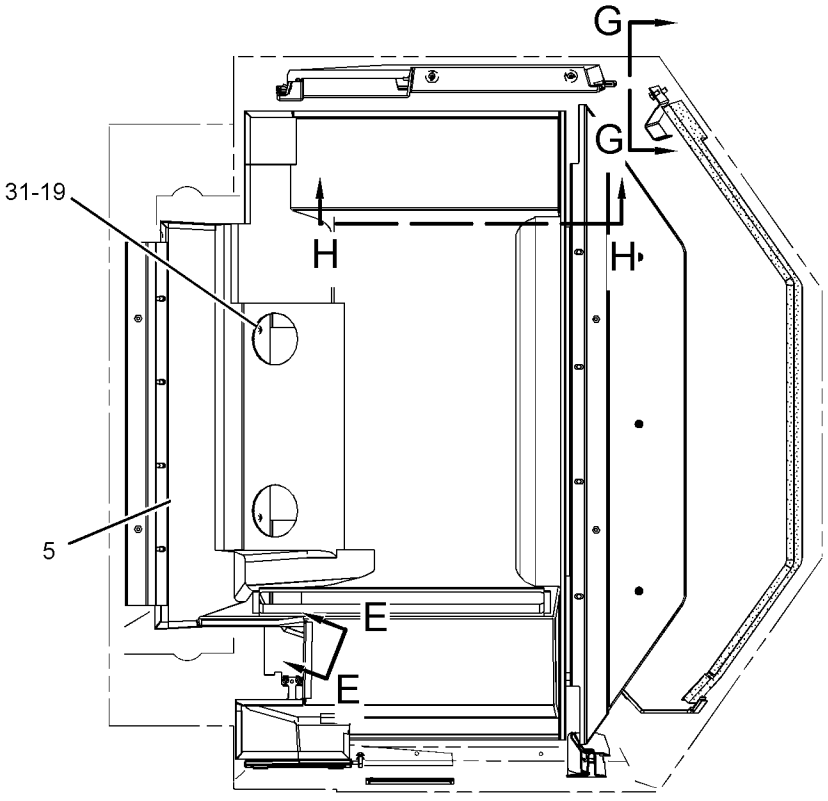
275-3638 **LINER GP-CAB (**contd.**)** **i02869624**



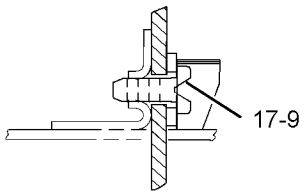
VIEW G-G



VIEW H-H



TOP VIEW



SECTION E-E

GRAPHIC #3 <END> g01446750

229-7354 LINES GP-AIR CONDITIONER

S/N: BTW1-UP
PART OF 230-3275 CHASSIS AR
TYPE 1

SMCS-1808 **i03898803**

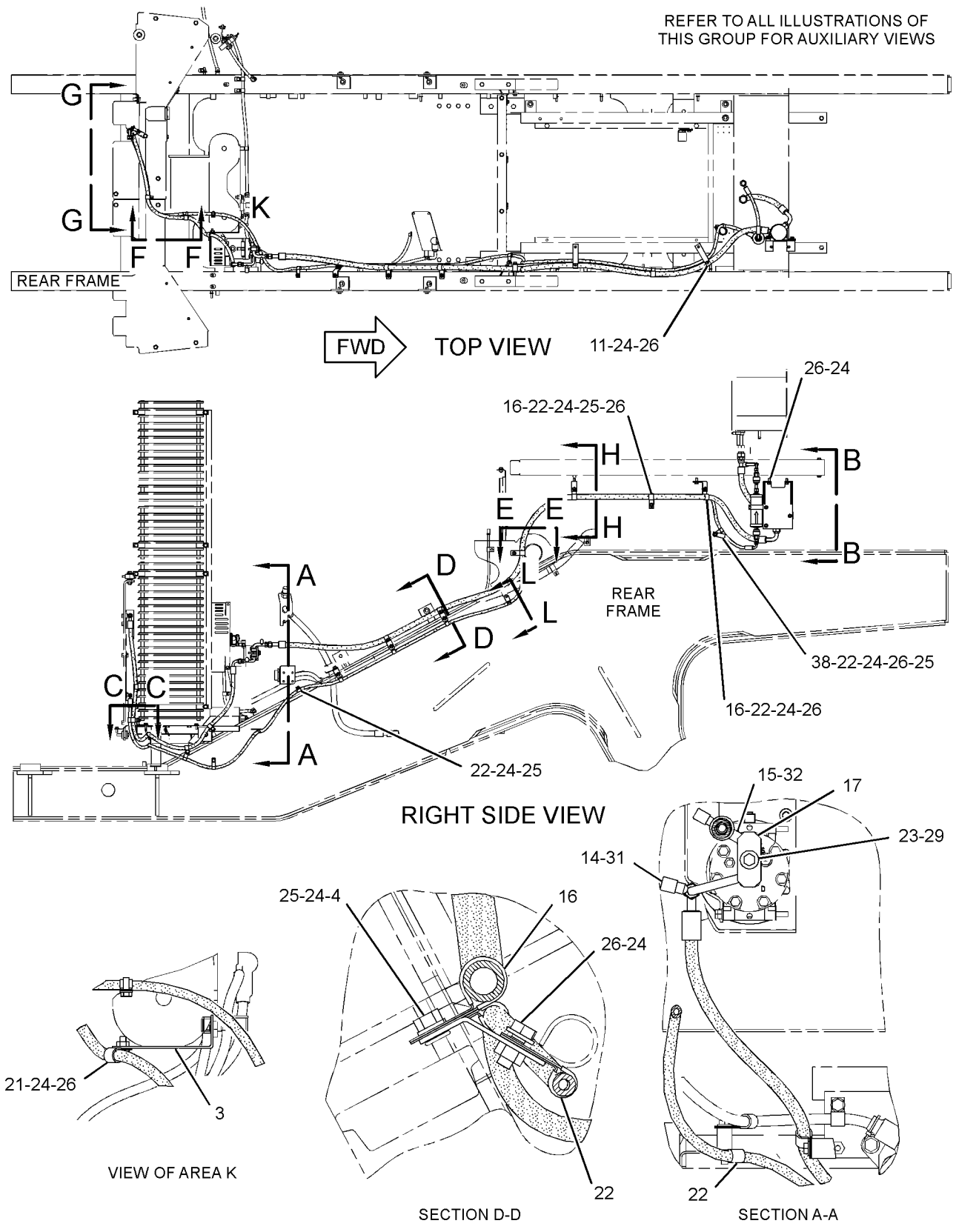
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**1F-1609**	1	SPACER (13.5X25.4X39.7-MM THK)	
	2	2	**5P-3929**	1	COUPLING AS-REFRIGERANT (SELF-SEALING)	
		2	**8F-9206**	1	SEAL-O-RING	
		2	**107-4397**	1	VALVE AS	
	3	1	**9C-9458**	1	BRACKET AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	4	1	**137-2104**	3	ANGLE AS	
	5	2	**192-5017**	1	BRACKET AS	
I	6	2	**237-9568**	1	HOSE AS	
I	7	2	**237-9569**	1	HOSE AS	
Y	8	2	*237-9570*	1	ACCUMULATOR GP-REFRIGERANT	1205
I	9	2	**237-9571**	1	HOSE AS	
I	10	2	**237-9572**	1	HOSE AS	
	11	1,2	**237-9575**	2	BRACKET AS	
I	12	2	**264-3840**	1	HOSE AS	
	13	2	**097-4896**	1	SPACER (12X20X23-MM THK)	
	14	1	**118-9517**	1	FITTING AS-AIR CONDITIONER	
		1	**3E-4052**	1	CAP-SEAL (HIGH SIDE CHARGE PORT)	
		1	**3E-4058**	1	VALVE AS (REFRIGERANT, HIGH SIDE)	
	15	1	**125-2796**	1	FITTING AS-AIR CONDITIONER	
		1	**3E-4051**	1	CAP-SEAL (LOW SIDE CHARGE PORT)	
		1	**3E-4057**	1	VALVE AS (REFRIGERANT, LOW SIDE)	
	16	1,2	**164-4227**	6	CLIP	
	17	1	**1P-6356**	1	PLATE	
	18	2	**4K-8302**	1	CLIP (LOOP)	
	19	2	**5P-3948**	1	COUPLING AS-REFRIGERANT (SELF-SEALING)	
		2	**7F-8607**	1	SEAL-O-RING	
		2	**107-4399**	1	VALVE AS	
	20	2	**5P-4295**	2	CLIP	
	21	1,2	**6D-4246**	3	CLIP (LOOP)	
	22	1,2	**6K-8178**	14	CLIP	
	23	1	**8T-2561**	1	WASHER-HARD (10.5X28.5X5-MM THK)	
	24	1,2	**8T-4121**	26	WASHER-HARD (11X21X2.5-MM THK)	
M	25	1	**8T-4133**	6	NUT (M10X1.5-THD)	
M	26	1,2	**8T-4136**	16	BOLT (M10X1.5X25-MM)	
M	27	2	**8T-4185**	1	BOLT (M10X1.5X50-MM)	
M	28	2	**8T-5005**	1	BOLT (M10X1.5X70-MM)	
M	29	1	**8T-6466**	1	BOLT (M10X1.5X60-MM)	
	30	2	**9X-7380**	3	SEAL-O-RING	
	31	1,2	**9X-7381**	2	SEAL-O-RING	
	32	1	**9X-7382**	1	SEAL-O-RING	
	33	2	**9X-7383**	3	SEAL-O-RING	
	34	2	**9X-7384**	1	SEAL-O-RING	
M	35	2	**8T-4137**	1	BOLT (M10X1.5X20-MM)	
M	36	2	**8T-4195**	1	BOLT (M10X1.5X30-MM)	
	37	2	**124-3019**	1	BRACKET AS	

229-7354 **LINES GP-AIR CONDITIONER (**contd.**)** **i03898803**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M		2	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	38	1	**7D-7233**	1	CLIP	

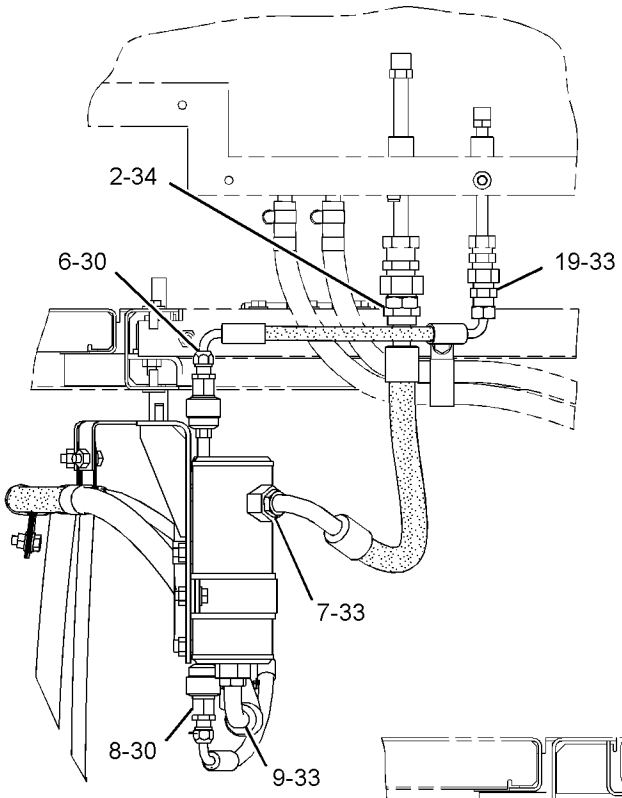
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART
Y - SEPARATE ILLUSTRATION

229-7354 **LINES GP-AIR CONDITIONER (**contd.**)** **i03898803**

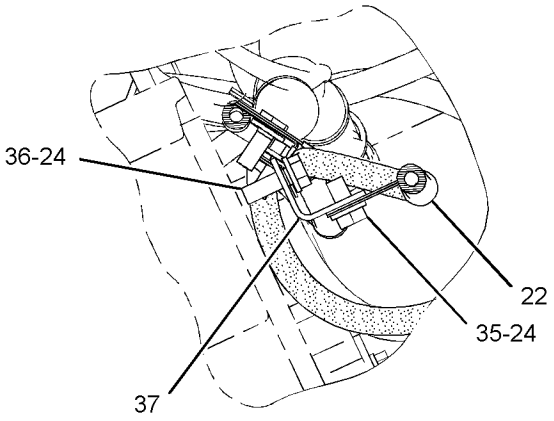


GRAPHIC #1 g02198573

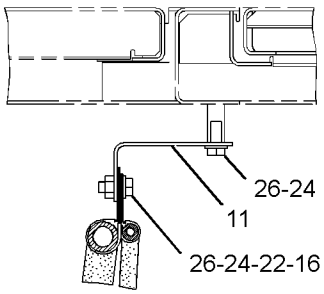
229-7354 **LINES GP-AIR CONDITIONER (**contd.**)** **i03898803**



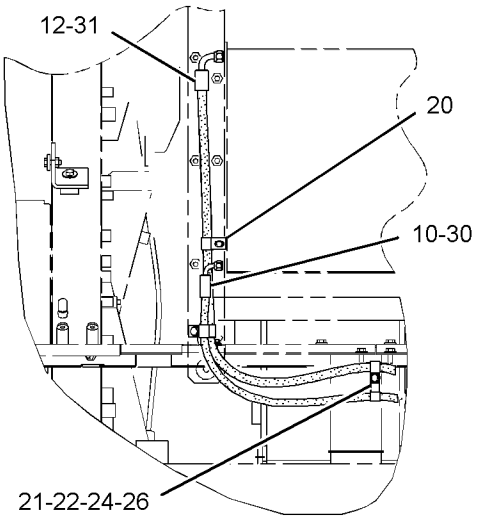
VIEW B-B



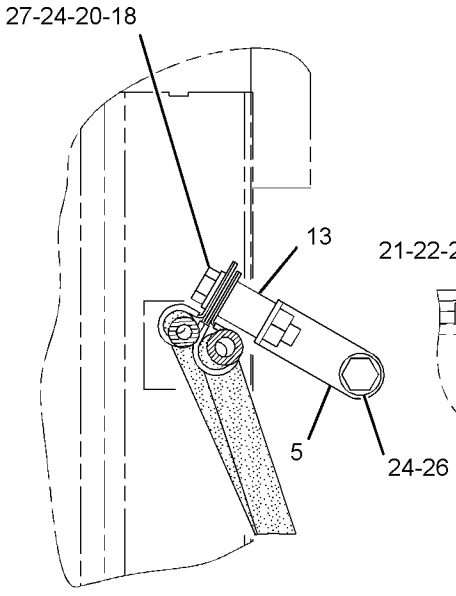
SECTION L-L



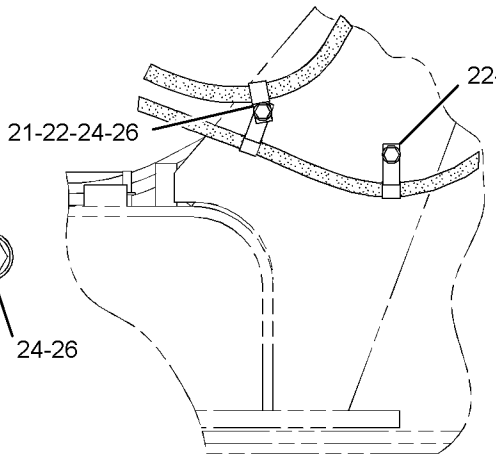
SECTION H-H



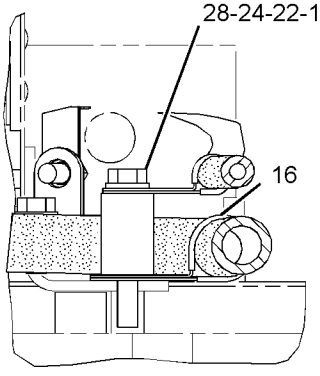
VIEW G-G



SECTION C-C



VIEW F-F



SECTION E-E

GRAPHIC #2 <END> g02198574

229-7354 LINES GP-AIR CONDITIONER

S/N: BTW1-UP
PART OF 230-3275 CHASSIS AR
TYPE 2

SMCS-1808 **i04940695**

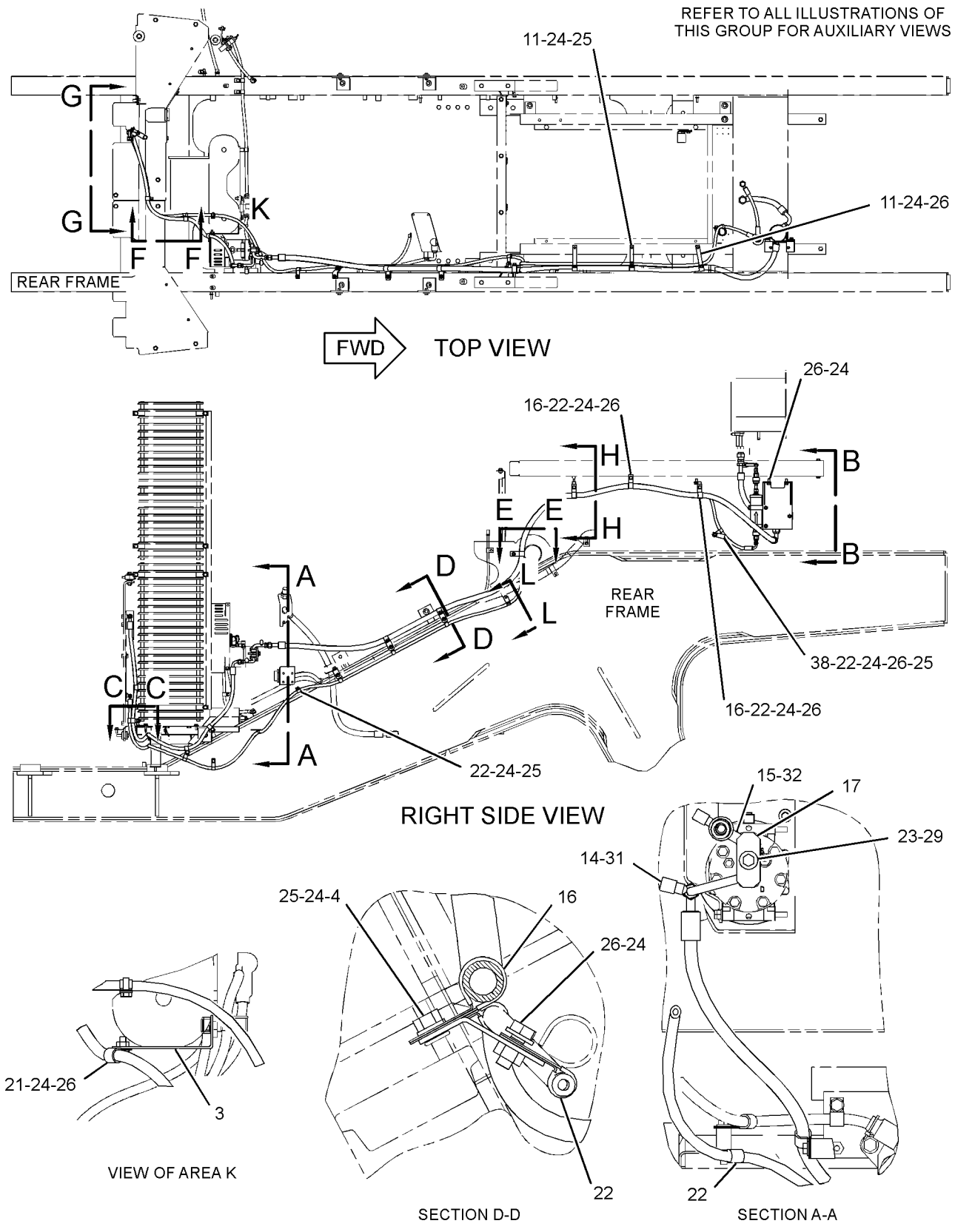
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**1F-1609**	1	SPACER (13.5X25.4X39.7-MM THK)	
	2	2	**5P-3929**	1	COUPLING AS-REFRIGERANT (SELF-SEALING)	
		2	**8F-9206**	1	SEAL-O-RING	
		2	**107-4397**	1	VALVE AS	
	3	1	**9C-9458**	1	BRACKET AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	4	1	**137-2104**	3	ANGLE AS	
	5	2	**192-5017**	1	BRACKET AS	
I	6	2	**237-9568**	1	HOSE AS	
I	7	2	**237-9569**	1	HOSE AS	
Y	8	2	*237-9570*	1	ACCUMULATOR GP-REFRIGERANT	1205
I	9	2	**237-9571**	1	HOSE AS	
I	10	2	**237-9572**	1	HOSE AS	
C	11	1,2	**142-1657**	3	BRACKET AS	
I	12	2	**264-3840**	1	HOSE AS	
	13	2	**097-4896**	1	SPACER (12X20X23-MM THK)	
	14	1	**118-9517**	1	FITTING AS-AIR CONDITIONER	
		1	**3E-4052**	1	CAP-SEAL (HIGH SIDE CHARGE PORT)	
		1	**3E-4058**	1	VALVE AS (REFRIGERANT, HIGH SIDE)	
	15	1	**125-2796**	1	FITTING AS-AIR CONDITIONER	
		1	**3E-4051**	1	CAP-SEAL (LOW SIDE CHARGE PORT)	
		1	**3E-4057**	1	VALVE AS (REFRIGERANT, LOW SIDE)	
	16	1,2	**164-4227**	6	CLIP	
	17	1	**1P-6356**	1	PLATE	
	18	2	**4K-8302**	1	CLIP (LOOP)	
	19	2	**5P-3948**	1	COUPLING AS-REFRIGERANT (SELF-SEALING)	
		2	**7F-8607**	1	SEAL-O-RING	
		2	**107-4399**	1	VALVE AS	
	20	2	**5P-4295**	2	CLIP	
	21	1,2	**6D-4246**	3	CLIP (LOOP)	
	22	1,2	**6K-8178**	14	CLIP	
	23	1	**8T-2561**	1	WASHER-HARD (10.5X28.5X5-MM THK)	
	24	1,2	**8T-4121**	26	WASHER-HARD (11X21X2.5-MM THK)	
CM	25	1	**8T-4133**	5	NUT (M10X1.5-THD)	
CM	26	1,2	**8T-4136**	17	BOLT (M10X1.5X25-MM)	
M	27	2	**8T-4185**	1	BOLT (M10X1.5X50-MM)	
M	28	2	**8T-5005**	1	BOLT (M10X1.5X70-MM)	
M	29	1	**8T-6466**	1	BOLT (M10X1.5X60-MM)	
	30	2	**9X-7380**	3	SEAL-O-RING	
	31	1,2	**9X-7381**	2	SEAL-O-RING	
	32	1	**9X-7382**	1	SEAL-O-RING	
	33	2	**9X-7383**	3	SEAL-O-RING	
	34	2	**9X-7384**	1	SEAL-O-RING	
M	35	2	**8T-4137**	1	BOLT (M10X1.5X20-MM)	
M	36	2	**8T-4195**	1	BOLT (M10X1.5X30-MM)	
	37	2	**124-3019**	1	BRACKET AS	

229-7354 **LINES GP-AIR CONDITIONER (**contd.**)** **i04940695**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M		2	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	38	1	**7D-7233**	1	CLIP	

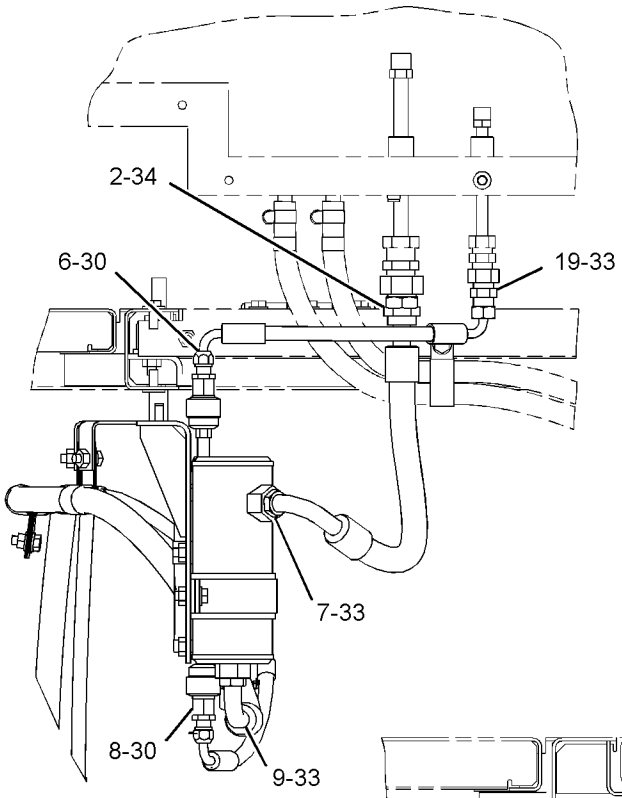
C - CHANGE FROM PREVIOUS TYPE
I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART
Y - SEPARATE ILLUSTRATION

229-7354 **LINES GP-AIR CONDITIONER (**contd.**)** **i04940695**

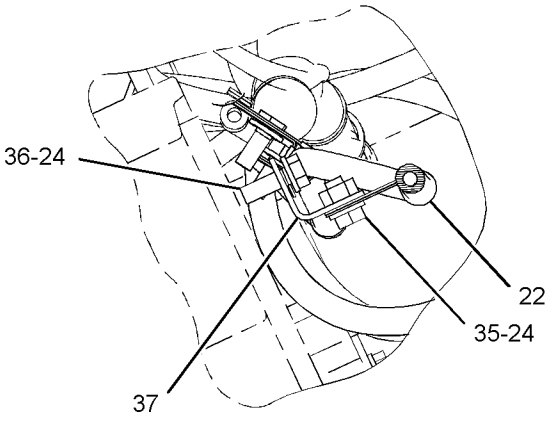


GRAPHIC #1 g03197161

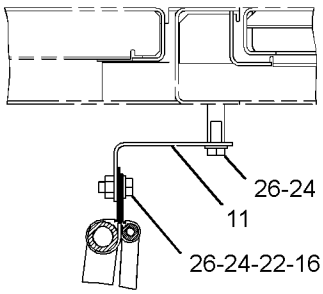
229-7354 **LINES GP-AIR CONDITIONER (**contd.**)** **i04940695**



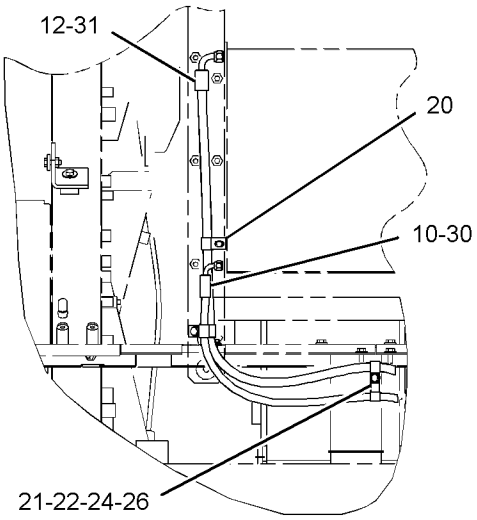
VIEW B-B



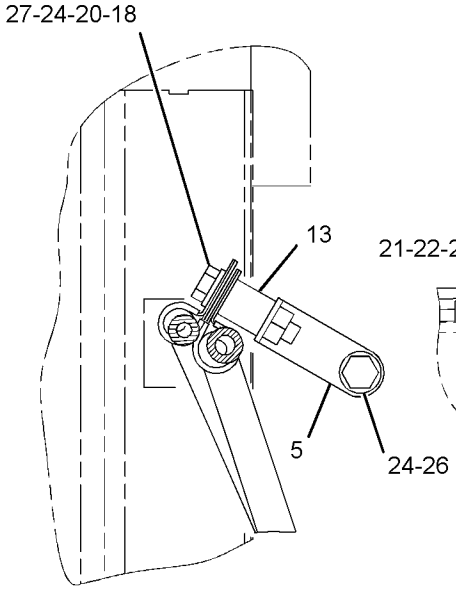
SECTION L-L



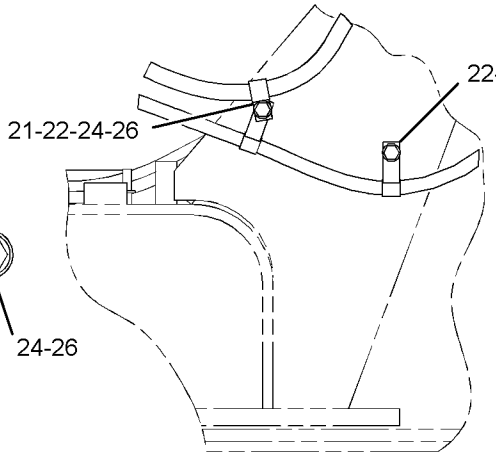
SECTION H-H



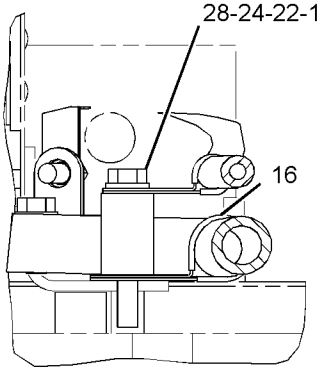
VIEW G-G



SECTION C-C



VIEW F-F



SECTION E-E

GRAPHIC #2 <END> g03197336

229-8795 LINES GP-CAB HEATER

S/N: BTW1-233

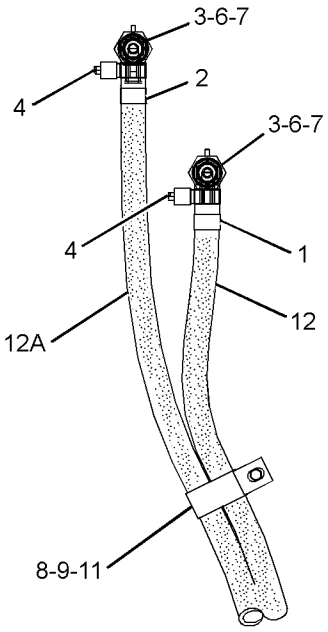
PART OF 230-3275 CHASSIS AR

SMCS-7304 **i02651231**

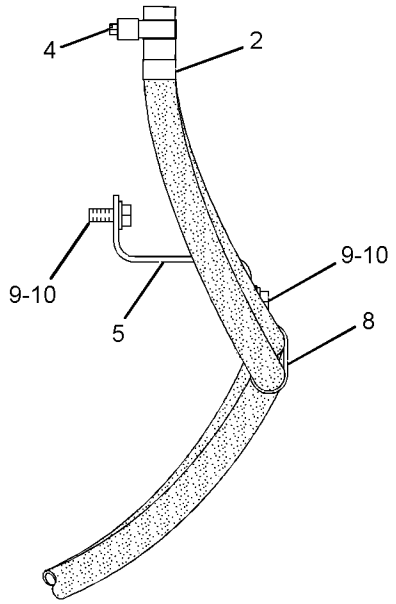
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1V-1122**	2	TAG-IDENTIFICATION (LETTERS SPL)	
	2	1	**1V-1123**	2	TAG-IDENTIFICATION (LETTERS RET)	
	3	1	**6V-7238**	2	VALVE-SHUTOFF	
	4	1	**9X-2488**	4	CLAMP-HOSE	
	5	1	**246-2808**	1	BRACKET AS	
	6	1	*155-7321*	2	ADAPTER AS	
					(EACH INCLUDES)	
		1	**3D-2824**	1	SEAL-O-RING	
		1	**6V-1722**	1	ADAPTER	
	7	1	**3K-0360**	2	SEAL-O-RING	
	8	1	**6D-1641**	10	CLIP	
	9	1	**8T-4121**	11	WASHER-HARD (11X21X2.5-MM THK)	
M	10	1	**8T-4136**	9	BOLT (M10X1.5X25-MM)	
M	11	1	**8T-4196**	2	BOLT (M10X1.5X35-MM)	
E	12	1	**5P-0767**		HOSE (452-CM)	
E	12A	1	**5P-0767**		HOSE (471-CM)	

E - ORDER BY THE CENTIMETER
M - METRIC PART

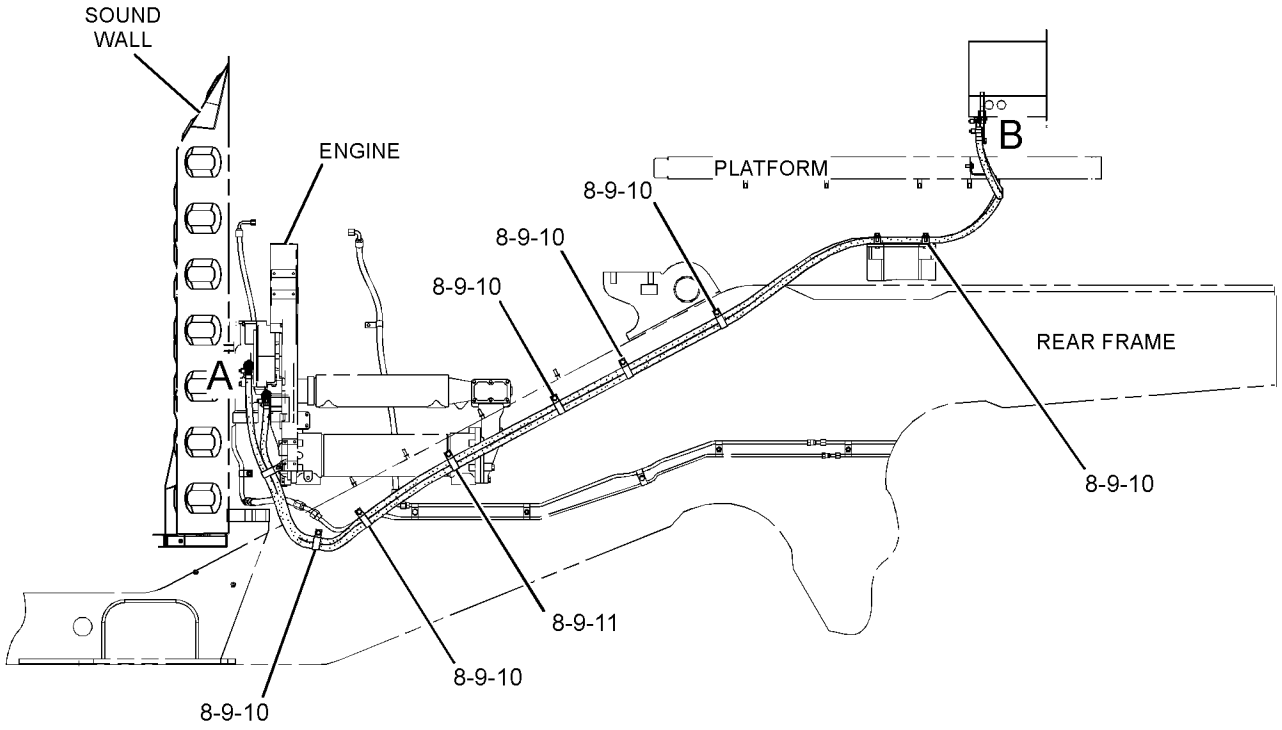
229-8795 **LINES GP-CAB HEATER (**contd.**)** **i02651231**



VIEW OF AREA A



VIEW OF AREA B



RIGHT SIDE VIEW

GRAPHIC #1 <END> g01370507

229-8795 LINES GP-CAB HEATER

S/N: BTW234-UP

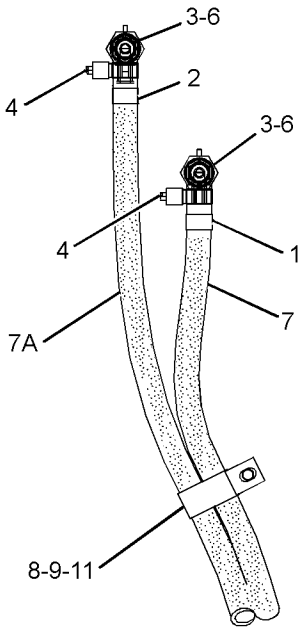
PART OF 230-3275 CHASSIS AR

SMCS-7304 **i04959831**

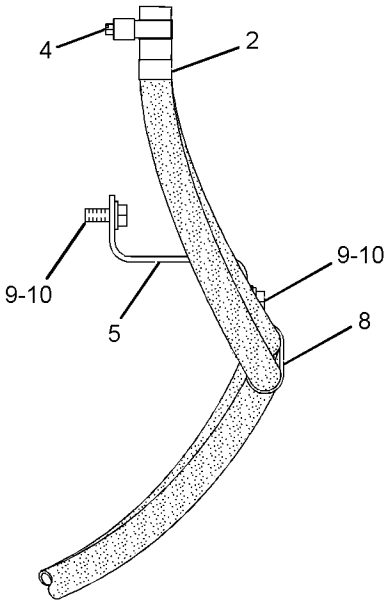
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1V-1122**	2	TAG-IDENTIFICATION (LETTERS SPL)	
	2	1	**1V-1123**	2	TAG-IDENTIFICATION (LETTERS RET)	
C	3	1	*351-0283*	2	VALVE AS-SHUTOFF (CAB HEATER)	
					(EACH INCLUDES)	
		1	**6V-7238**	1	VALVE-SHUTOFF (CAB HEATER)	
		1	**238-5080**	1	SEAL-O-RING	
	4	1	**9X-2488**	4	CLAMP-HOSE	
	5	1	**246-2808**	1	BRACKET AS	
C	6	1	*360-3664*	2	CONNECTOR AS	
					(EACH INCLUDES)	
		1	**6V-5063**	1	SEAL-O-RING	
		1	**6V-1722**	1	ADAPTER	
E	7	1	**5P-0767**		HOSE (452-CM)	
E	7A	1	**5P-0767**		HOSE (471-CM)	
	8	1	**6D-1641**	10	CLIP	
	9	1	**8T-4121**	11	WASHER-HARD (11X21X2.5-MM THK)	
M	10	1	**8T-4136**	9	BOLT (M10X1.5X25-MM)	
M	11	1	**8T-4196**	2	BOLT (M10X1.5X35-MM)	

C - CHANGE FROM PREVIOUS TYPE
E - ORDER BY THE CENTIMETER
M - METRIC PART

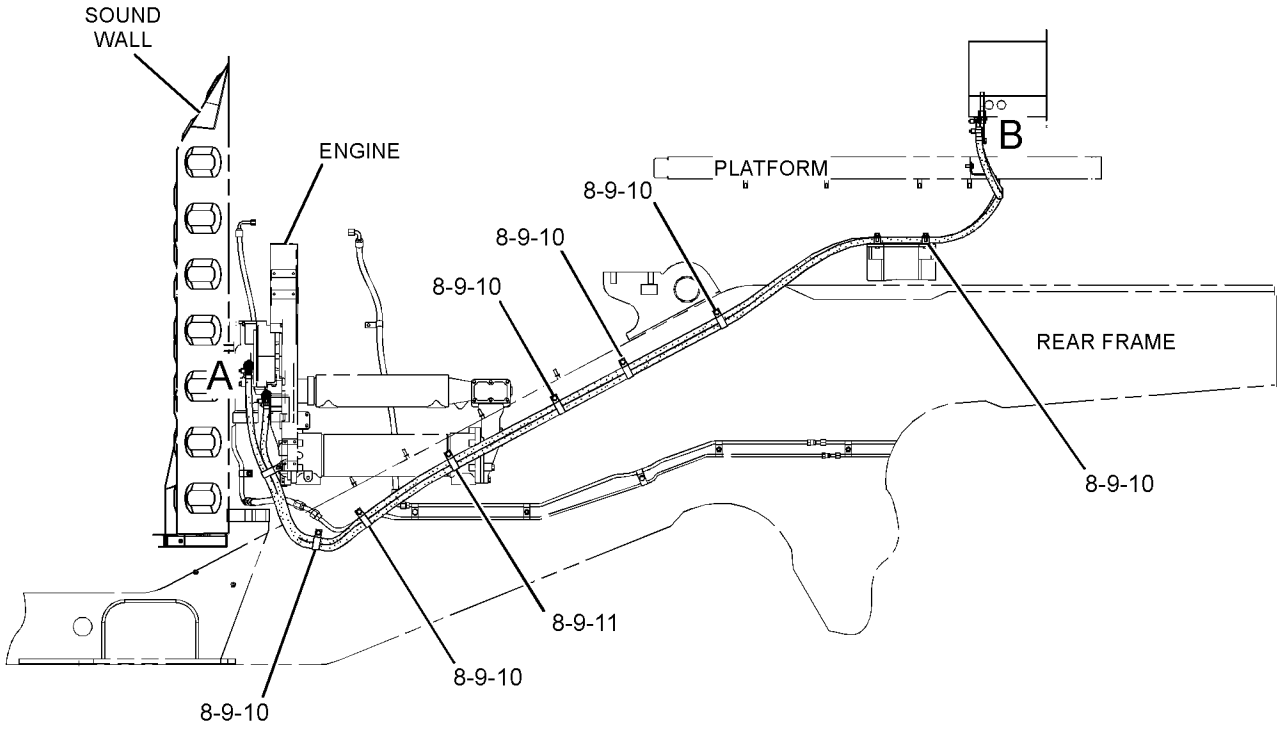
229-8795 **LINES GP-CAB HEATER (**contd.**)** **i04959831**



VIEW OF AREA A



VIEW OF AREA B



RIGHT SIDE VIEW

GRAPHIC #1 <END> g03283476

6V-1970 LITERATURE GP

S/N: BTW1-UP

PART OF 230-3275 CHASSIS AR

SMCS-7300, 7400

i02831417

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	5P-8500	2	KEY (LITERATURE COMPARTMENT)	
	5P-7958	1	SLEEVE-CABLE SPLICE	

<END>

106-4142 MIRROR GP-REAR VIEW

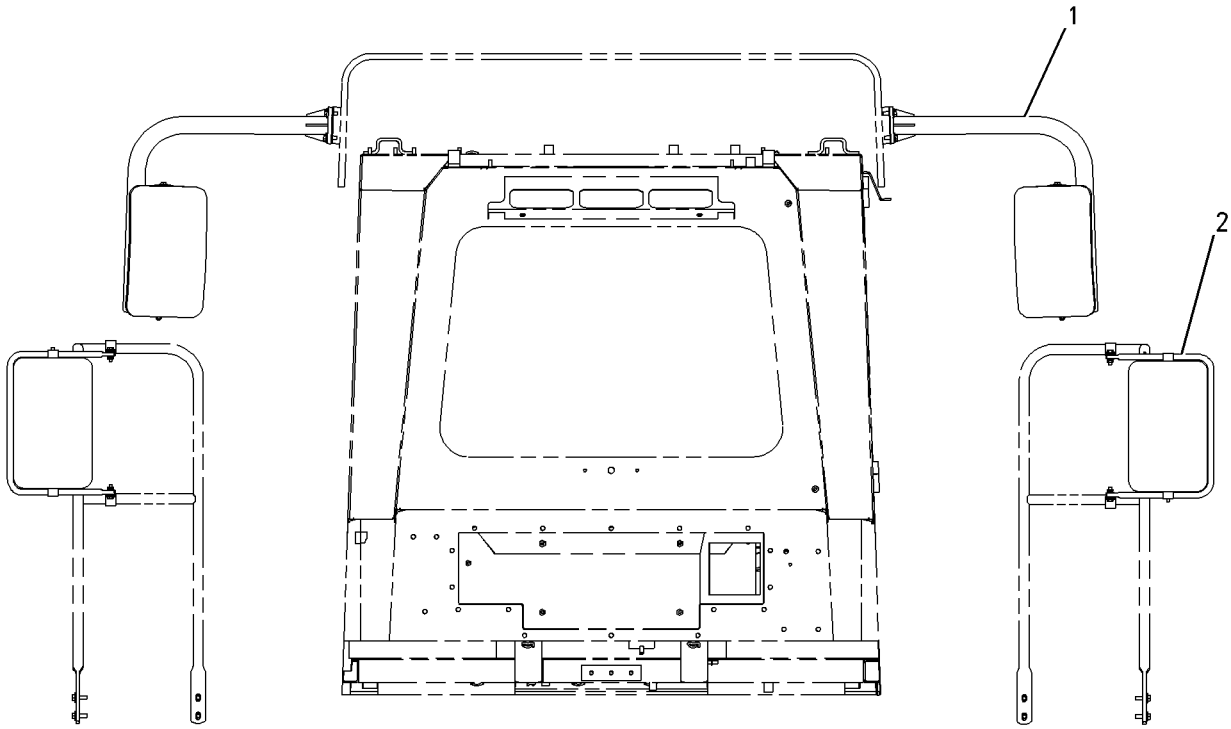
S/N: BTW1-214

PART OF 230-3275 CHASSIS AR

SMCS-7319 **i01514694**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
CY	1	1	*109-6885*	1	MIRROR GP-REAR VIEW	1290
Y	2	1	*106-4143*	2	MIRROR GP-REAR VIEW	1289

C - CHANGE FROM PREVIOUS TYPE
Y - SEPARATE ILLUSTRATION



REAR VIEW

GRAPHIC #1 <END> g00789132

106-4143 MIRROR GP-REAR VIEW

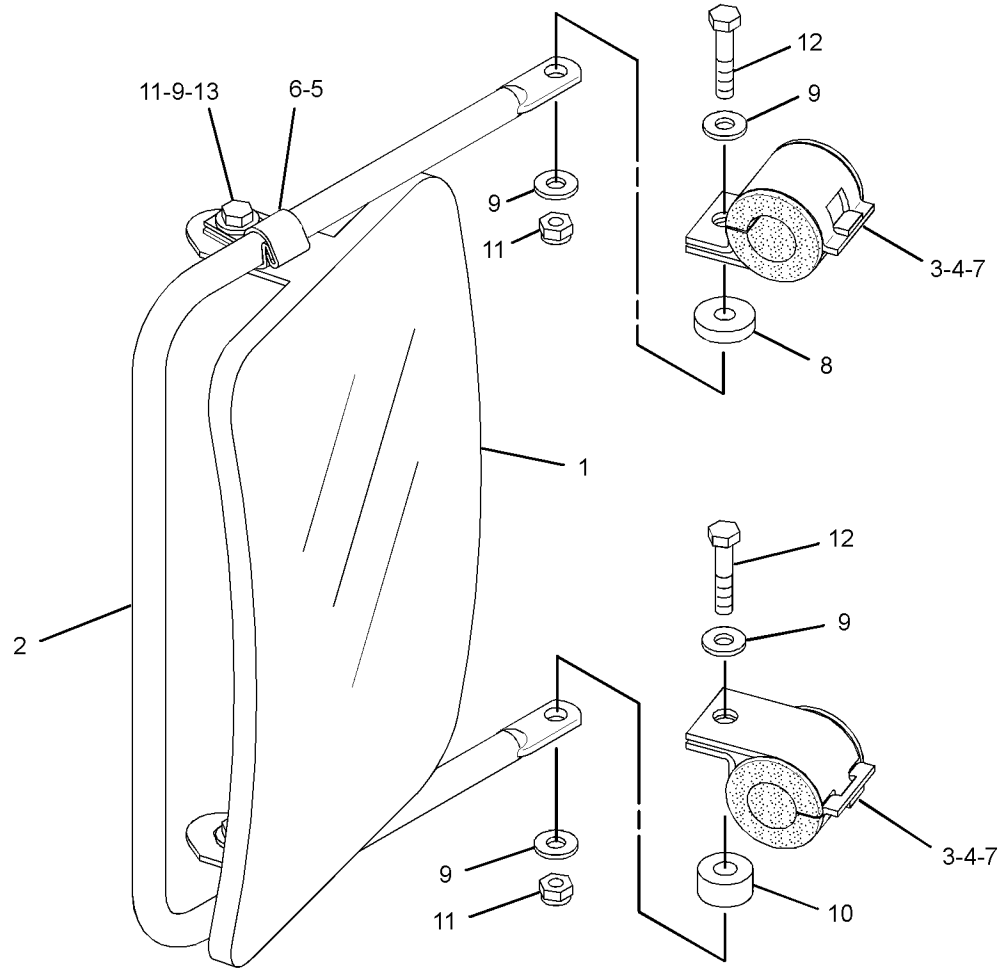
S/N: BTW1-UP

PART OF 106-4142, 143-3604 MIRROR GP-REAR VIEW

SMCS-7319 **i02880275**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**5P-6879**	1	MIRROR	
	2	1	**7U-1903**	1	SUPPORT	
	3	1	**5P-7468**	2	CLIP (SLOT)	
	4	1	**5P-7469**	2	CLIP (TAB)	
	5	1	**6K-5290**	2	CLIP (TAB)	
	6	1	**6K-5291**	2	CLIP (SLOT)	
	7	1	**6V-1874**	2	GROMMET (31-MM ID)	
	8	1	**7X-0563**	1	WASHER-HARD (12X35X8-MM THK)	
	9	1	**7X-7729**	8	WASHER (11X25X3-MM THK)	
	10	1	**8F-0492**	1	SPACER (0.531X1.125X0.625-IN THK)	
M	11	1	**8T-0389**	4	LOCKNUT (M10X1.5-THD)	
M	12	1	**8T-4185**	2	BOLT (M10X1.5X50-MM)	
M	13	1	**8T-4195**	2	BOLT (M10X1.5X30-MM)	

M - METRIC PART



GRAPHIC #1 <END> g01435116

109-6885 MIRROR GP-REAR VIEW

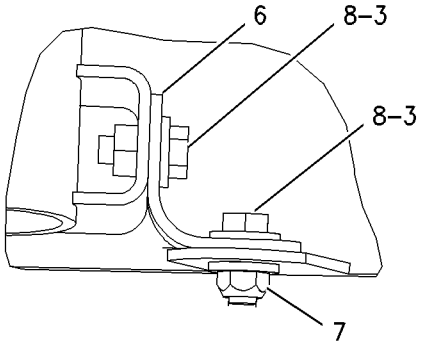
S/N: BTW1-UP

PART OF 106-4142 MIRROR GP-REAR VIEW

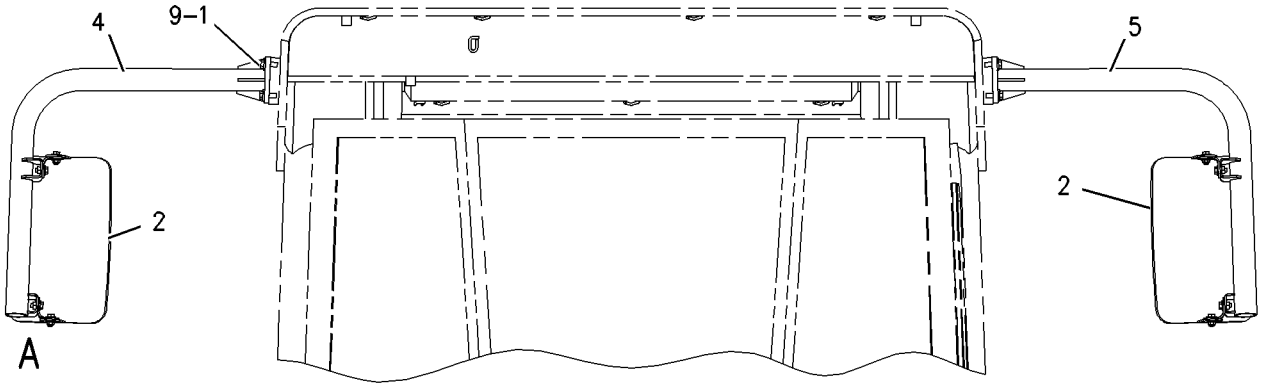
SMCS-7319 **i01744309**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**5P-1076**	8	WASHER-HARD (13.5X30X4-MM THK)	
	2	1	**5P-6879**	2	MIRROR	
	3	1	**7X-7729**	12	WASHER (11X25X3-MM THK)	
	4	1	**164-1990**	1	BRACKET AS (RH)	
	5	1	**164-1991**	1	BRACKET AS (LH)	
	6	1	**126-7222**	4	ANGLE	
M	7	1	**6V-7744**	4	LOCKNUT (M10X1.5-THD)	
M	8	1	**8T-4136**	8	BOLT (M10X1.5X25-MM)	
M	9	1	**8T-4956**	8	BOLT (M12X1.75X35-MM)	

M - METRIC PART



VIEW OF AREA A



FRONT VIEW

GRAPHIC #1 <END> g00892947

143-3604 MIRROR GP-REAR VIEW

S/N: BTW215-UP

PART OF 353-4228 MIRROR GP-REAR VIEW

SMCS-7319 **i00747874**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*106-4143*	2	MIRROR GP-REAR VIEW	1289

Y - SEPARATE ILLUSTRATION

<END>

315-3576 MIRROR GP-REAR VIEW

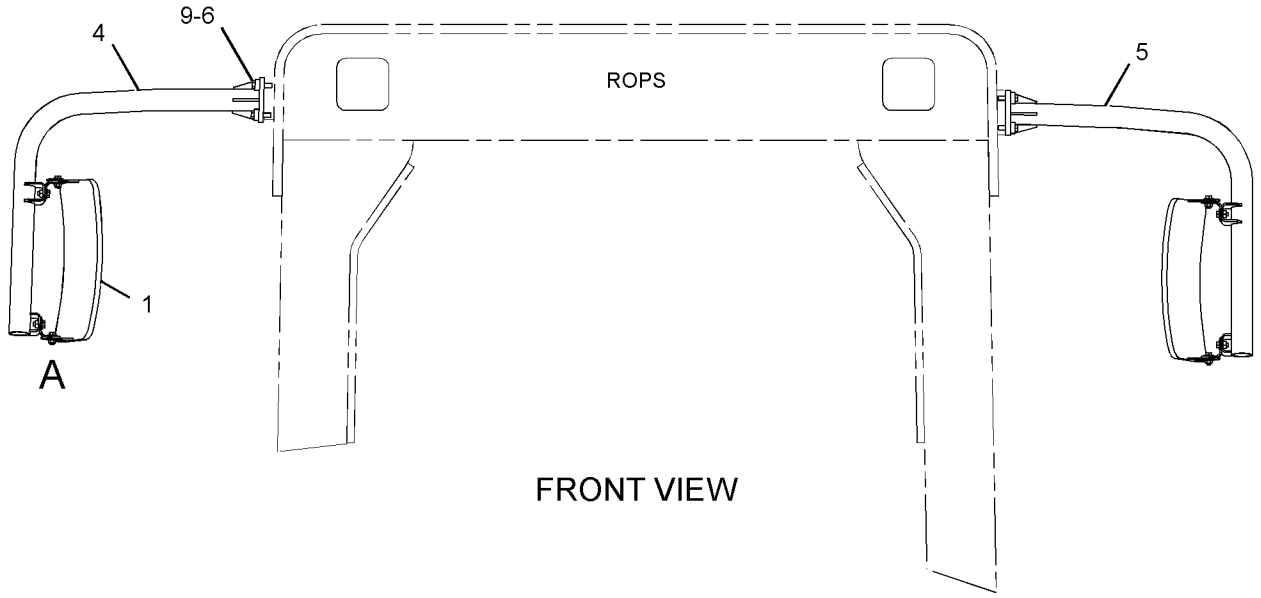
S/N: BTW215-251

PART OF 353-4228 MIRROR GP-REAR VIEW

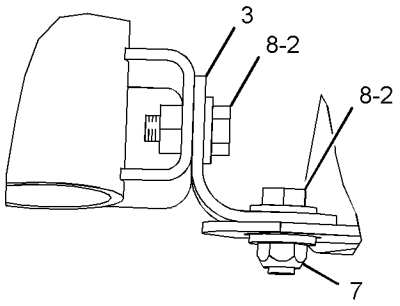
SMCS-7319 **i02864350**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**5P-6879**	2	MIRROR	
	2	1	**7X-7729**	12	WASHER (11X25X3-MM THK)	
	3	1	**126-7222**	4	ANGLE	
	4	1	**315-3460**	1	BRACKET AS (RH)	
	5	1	**315-3461**	1	BRACKET AS (LH)	
					(EACH BRACKET AS INCLUDES)	
M		1	**8T-3490**	2	NUT-WELD (M10X1.5-THD)	
	6	1	**198-4778**	8	WASHER-HARD (13.5X30X12-MM THK)	
M	7	1	**6V-7744**	4	LOCKNUT (M10X1.5-THD)	
M	8	1	**8T-4136**	8	BOLT (M10X1.5X25-MM)	
M	9	1	**8T-4184**	8	BOLT (M12X1.75X45-MM)	

M - METRIC PART



FRONT VIEW



VIEW OF AREA A

GRAPHIC #1 <END> g01444492

315-3576 MIRROR GP-REAR VIEW

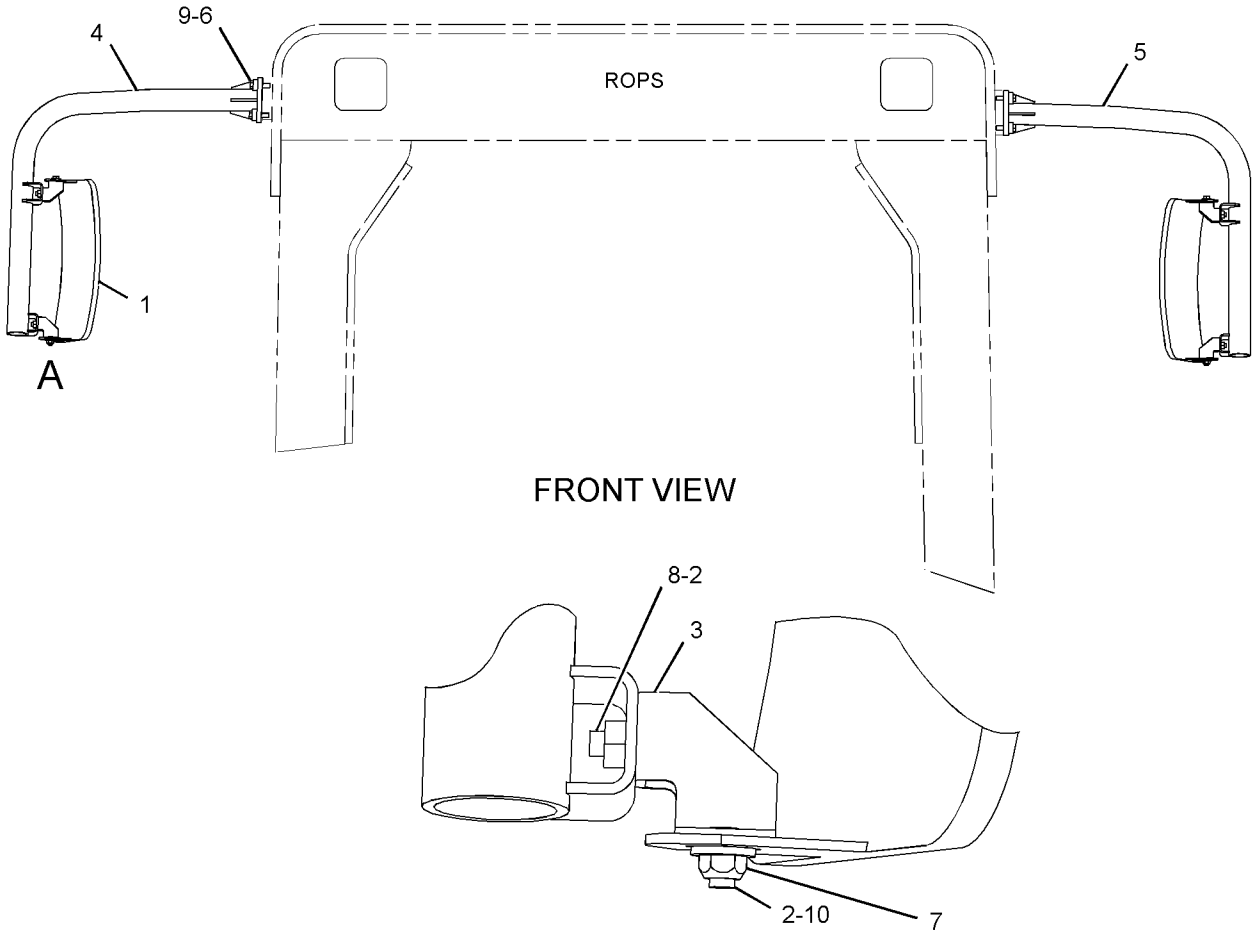
S/N: BTW252-UP

PART OF 353-4228 MIRROR GP-REAR VIEW

SMCS-7319 **i05235852**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**5P-6879**	2	MIRROR	
	2	1	**7X-7729**	12	WASHER (11X25X3-MM THK)	
C	3	1	**397-6878**	4	BRACKET	
	4	1	**315-3460**	1	BRACKET AS (RH)	
	5	1	**315-3461**	1	BRACKET AS (LH)	
					(EACH BRACKET AS INCLUDES)	
M		1	**8T-3490**	2	NUT-WELD (M10X1.5-THD)	
	6	1	**198-4778**	8	WASHER-HARD (13.5X30X12-MM THK)	
M	7	1	**6V-7744**	4	LOCKNUT (M10X1.5-THD)	
CM	8	1	**8T-4136**	4	BOLT (M10X1.5X25-MM)	
M	9	1	**8T-4184**	8	BOLT (M12X1.75X45-MM)	
CM	10	1	**8T-0722**	4	BOLT-LOCKING (M10X1.5X30-MM)	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART



GRAPHIC #1 <END> g03357359

353-4228 MIRROR GP-REAR VIEW

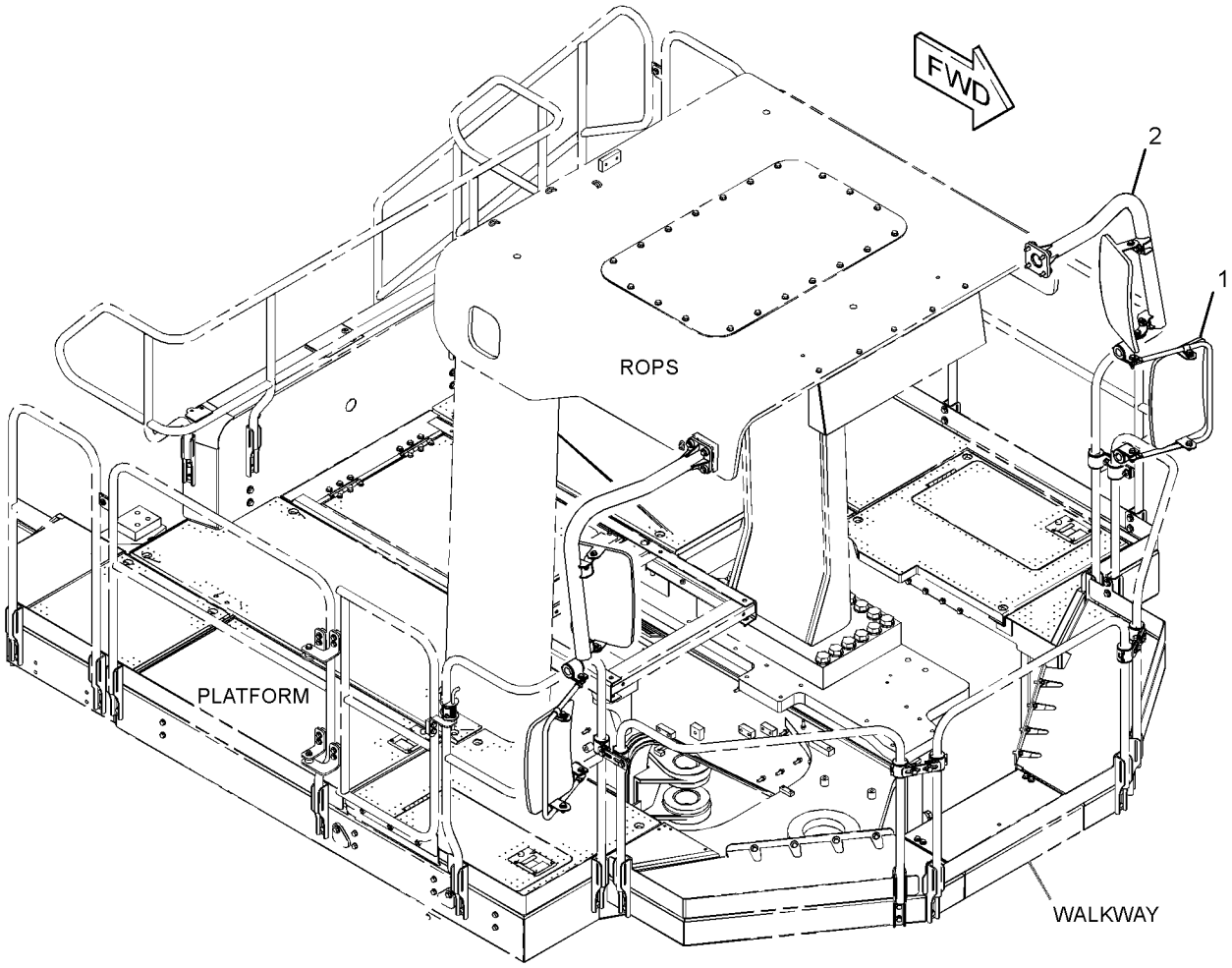
S/N: BTW215-UP

PART OF 230-3275 CHASSIS AR

SMCS-7319 **i06092882**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	*143-3604*	1	MIRROR GP-REAR VIEW (EXTERIOR)	1291
Y	2	1	*315-3576*	1	MIRROR GP-REAR VIEW	1292

Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g02579456

166-6928 MODULE GP-QUAD GAUGE

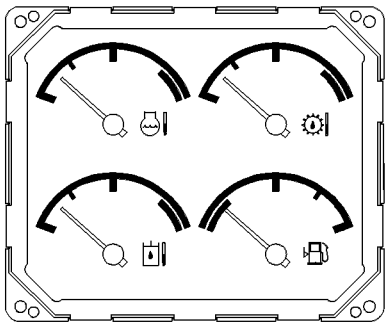
S/N: BTW1-UP

PART OF 236-5464 WIRING GP-CAB

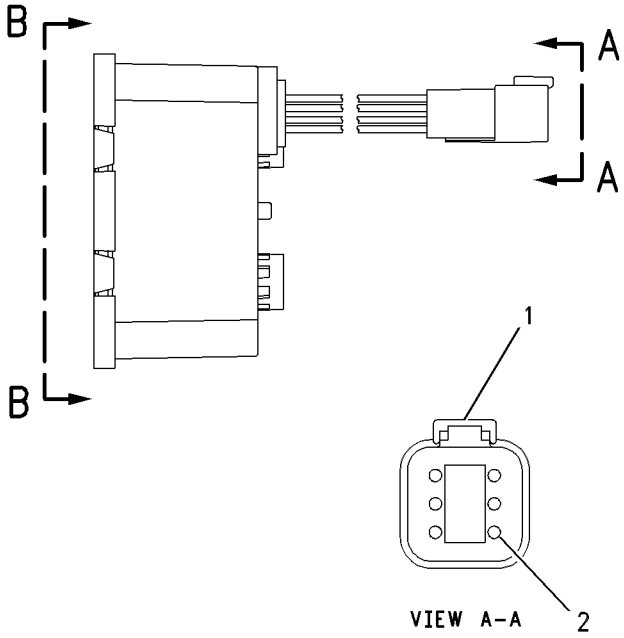
SMCS-7450, 7451, 7490, 7601

i06723629

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**102-8805**	1	KIT-RECEPTACLE (6-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	2	1	**8T-8729**	6	PIN-CONNECTOR (16-GA TO 18-GA)	



VIEW B-B



VIEW A-A

GRAPHIC #1

<END>

g00587276

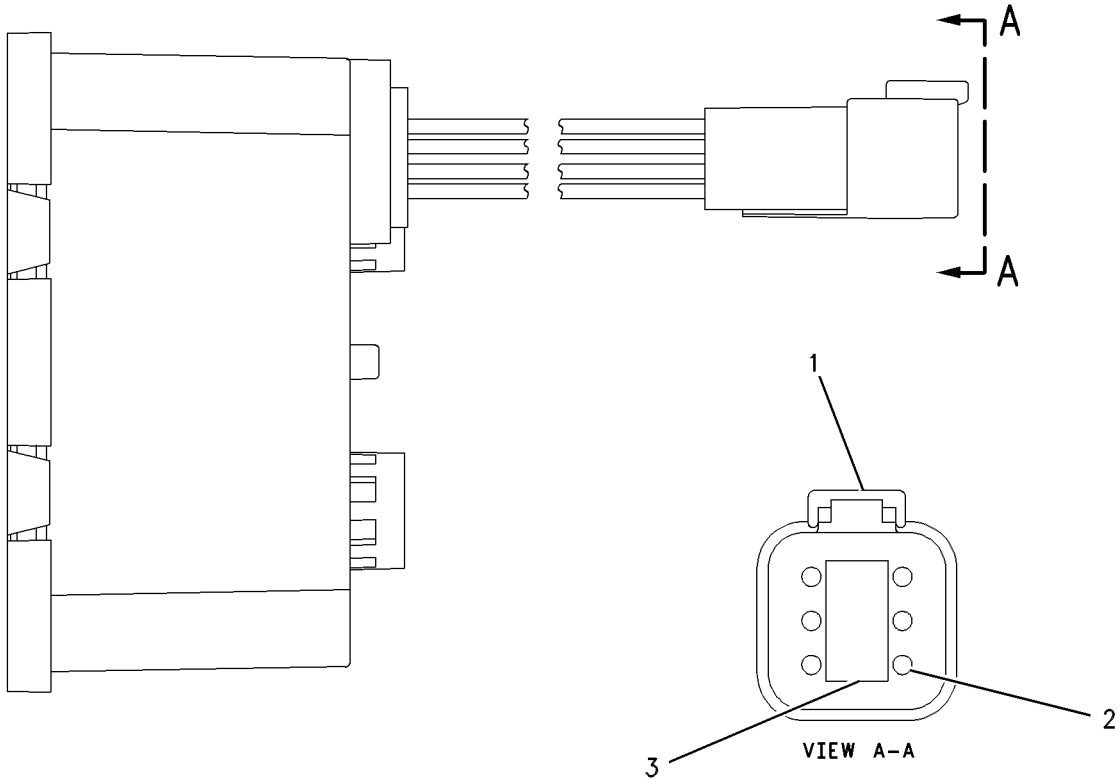
190-3730 MODULE GP-SPEEDOMETER & TACH

S/N: BTW1-UP

PART OF 236-5464 WIRING GP-CAB

SMCS-7451, 7462, 7464, 7490, 7601 **i01492712**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**102-8805**	1	KIT-RECEPTACLE (6-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	2	1	**8T-8729**	6	PIN-CONNECTOR (16-GA TO 18-GA)	
	3	1	**3E-3383**	1	WEDGE-RECEPTACLE LOCK (6-PIN)	



GRAPHIC #1 <END> g00591354

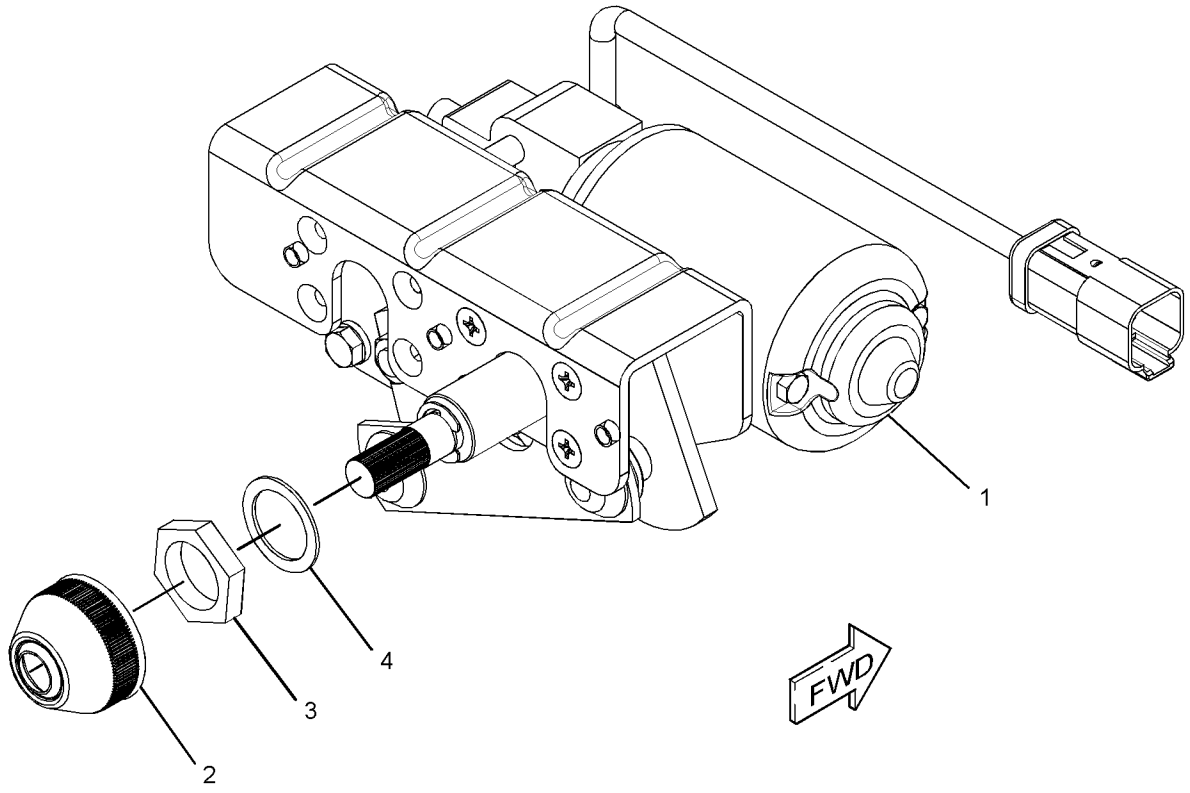
155-5784 MOTOR GP-WINDOW WIPER–REAR

S/N: BTW1-UP
24-VOLT
PART OF 242-1901 WIPER & WASHER GP-WINDOW

SMCS-7305 **i04942362**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	**135-0611**	1	MOTOR GP-WINDOW WIPER (24-VOLT, 2-SPEED) (REAR)	
		1	**102-8805**	1	KIT-RECEPTACLE (6-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	**8T-8737**	1	PLUG-SEAL	
		1	**8T-8729**	5	PIN-CONNECTOR (16-GA TO 18-GA)	
C	2	1	**206-5823**	1	CAP (MOTOR)	
M	3	1	**6V-6213**	1	NUT (M20X1-THD)	
	4	1	**8J-1899**	1	WASHER (0.81X1X0.45-MM THK)	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART



GRAPHIC #1 <END> g03126436

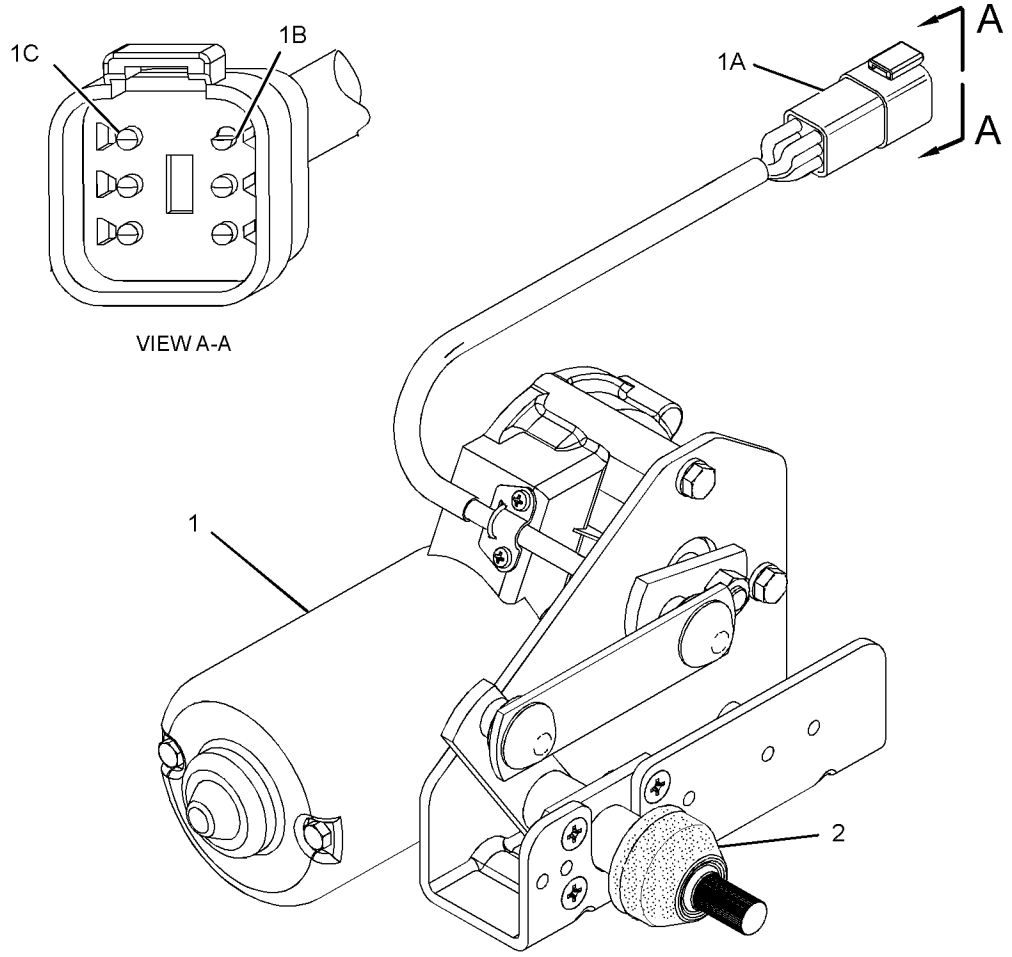
185-2154 MOTOR GP-WINDOW WIPER–FRONT–24-VOLT

S/N: BTW1-UP

PART OF 242-1901 WIPER & WASHER GP-WINDOW

SMCS-7305 **i05333210**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**389-2249**	1	MOTOR GP-WINDOW WIPER (24-VOLT, 2-SPEED)	
	1A	1	**102-8805**	1	KIT-RECEPTACLE (6-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	1B	1	**8T-8737**	1	PLUG-SEAL	
	1C	1	**8T-8729**	5	PIN-CONNECTOR (16-GA TO 18-GA)	
	2	1	**206-5823**	1	CAP	



GRAPHIC #1 <END> g02163787

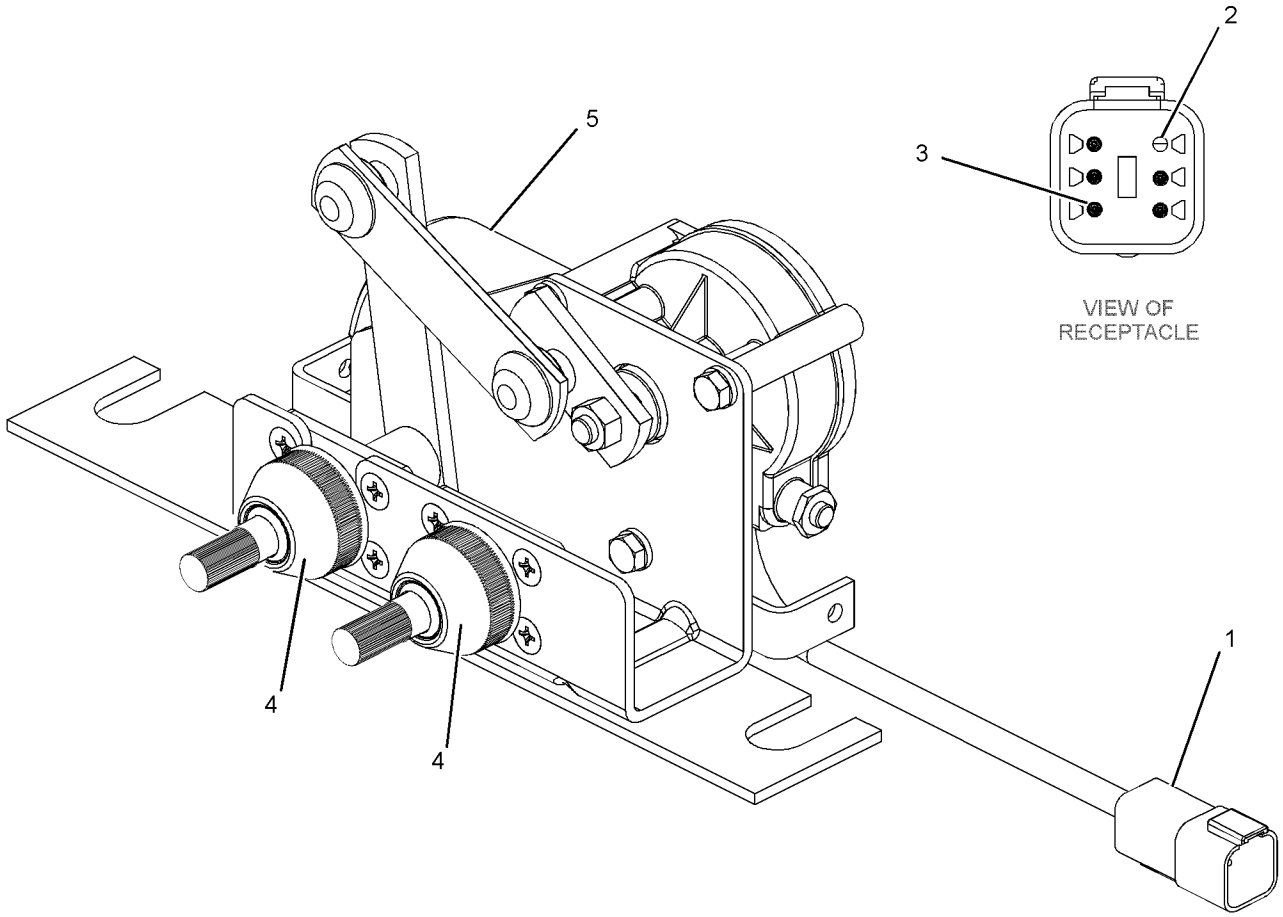
190-3445 MOTOR GP-WINDOW WIPER—FRONT QUARTER, RH

S/N: BTW1-UP

PART OF 236-5417 WIPER GP-WINDOW

SMCS-7305 **i02357404**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**102-8805**	1	KIT-RECEPTACLE (6-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	2	1	**8T-8737**	1	PLUG-SEAL	
	3	1	**186-3735**	5	PIN-CONNECTOR (16-GA TO 18-GA)	
	4	1	**206-5823**	2	CAP	
	5	1	**135-0611**	1	MOTOR GP-WINDOW WIPER (24-VOLT, 2-SPEED)	



GRAPHIC #1 <END> g01177552

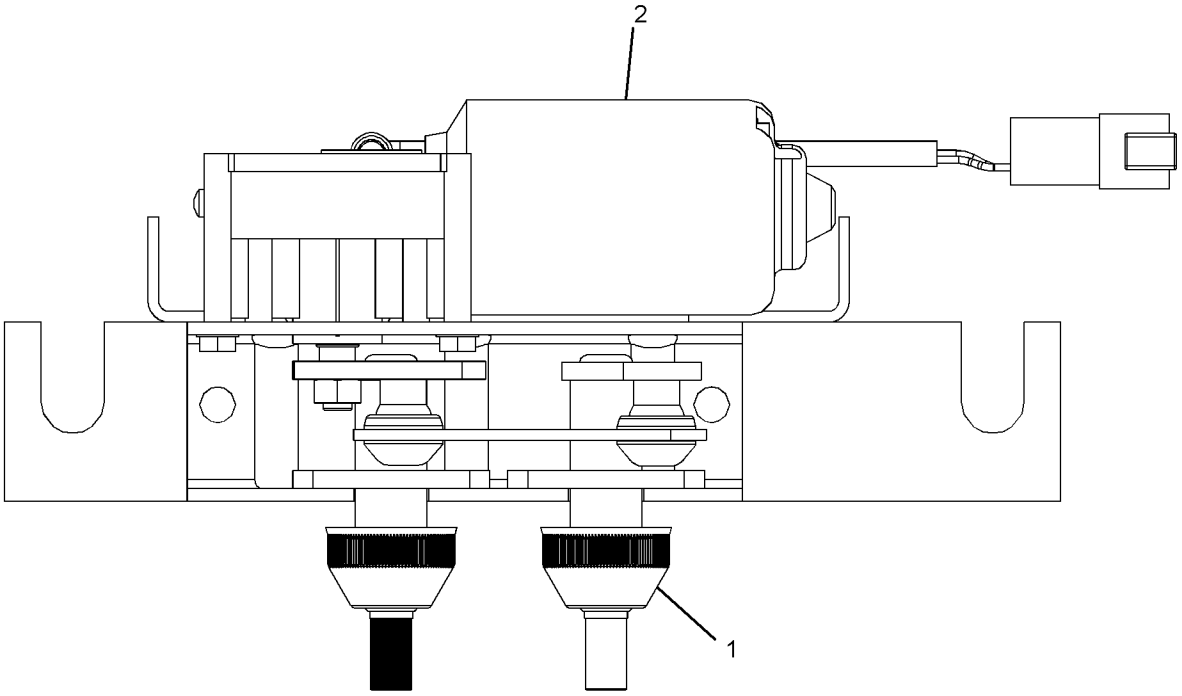
190-3446 MOTOR GP-WINDOW WIPER—FRONT QUARTER, LH

S/N: BTW1-UP

PART OF 236-5417 WIPER GP-WINDOW

SMCS-7305 **i05329914**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**206-5823**	2	CAP	
	2	1	**389-2250**	1	MOTOR GP-WINDOW WIPER (24-VOLT, 2-SPEED)	
		1	**102-8805**	1	KIT-RECEPTACLE (6-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	**8T-8729**	5	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	**8T-8737**	1	PLUG-SEAL	



GRAPHIC #1 <END> g03378801

314-6934 MOUNTING GP-ANTENNA

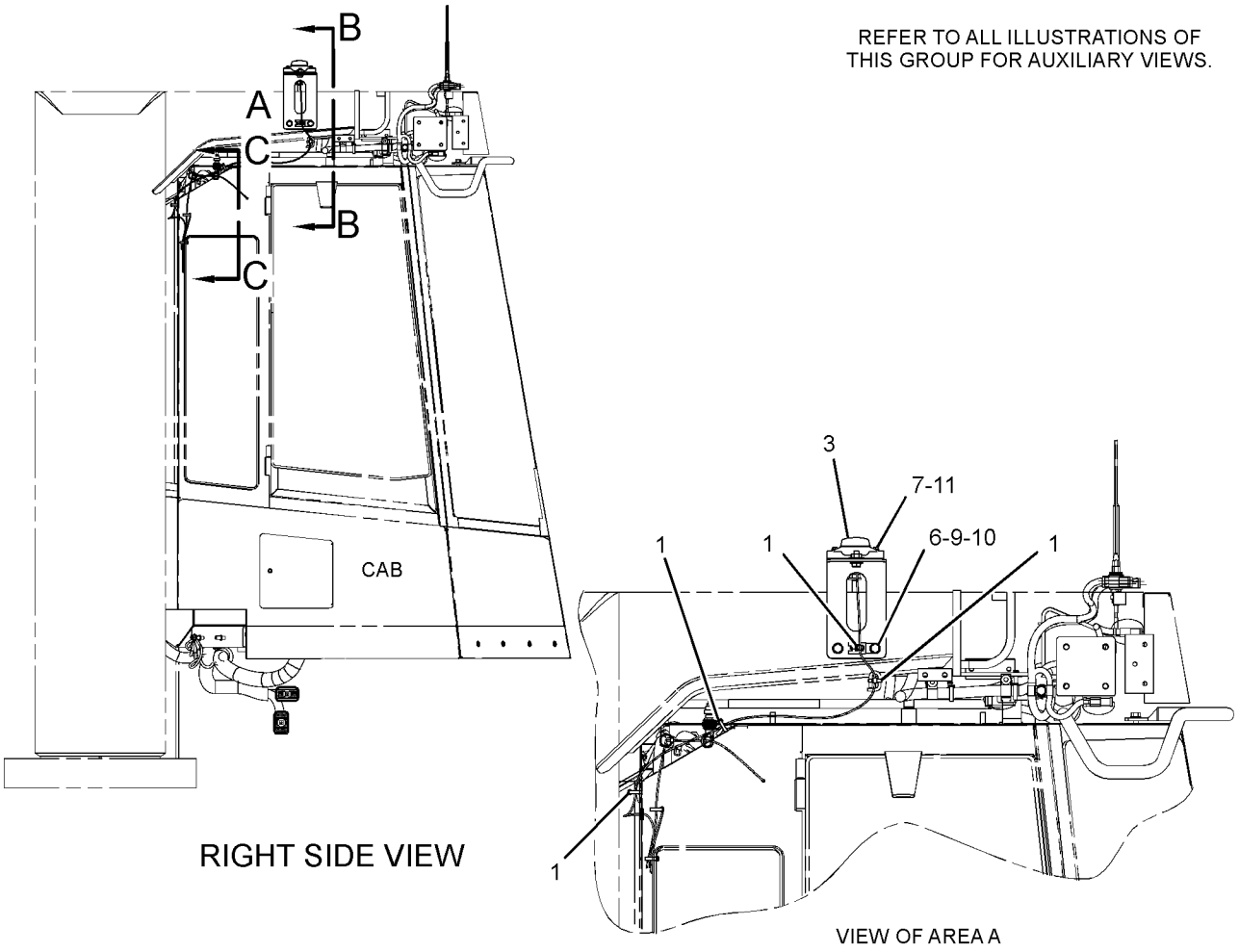
S/N: BTW1-UP

SMCS-7338, 7606 **i02900438**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1,2	**3S-2093**	8	STRAP-CABLE	
	2	2	**116-5792**	1	GROMMET	
	3	1	**284-9055**	1	ANTENNA AS	
	4	2	**296-7575**	1	PLATE AS	
	5	2	**305-3449**	1	BRACKET	
	6	1	**4P-7581**	1	CLIP (LADDER)	
M	7	1	**6V-2313**	2	BOLT (M5X0.8X30-MM)	
	8	2	**7X-7729**	1	WASHER (11X25X3-MM THK)	
	9	1	**8T-4121**	2	WASHER-HARD (11X21X2.5-MM THK)	
M	10	1,2	**8T-4136**	3	BOLT (M10X1.5X25-MM)	
	11	1	**9X-8256**	2	WASHER (6.6X12X2-MM THK)	

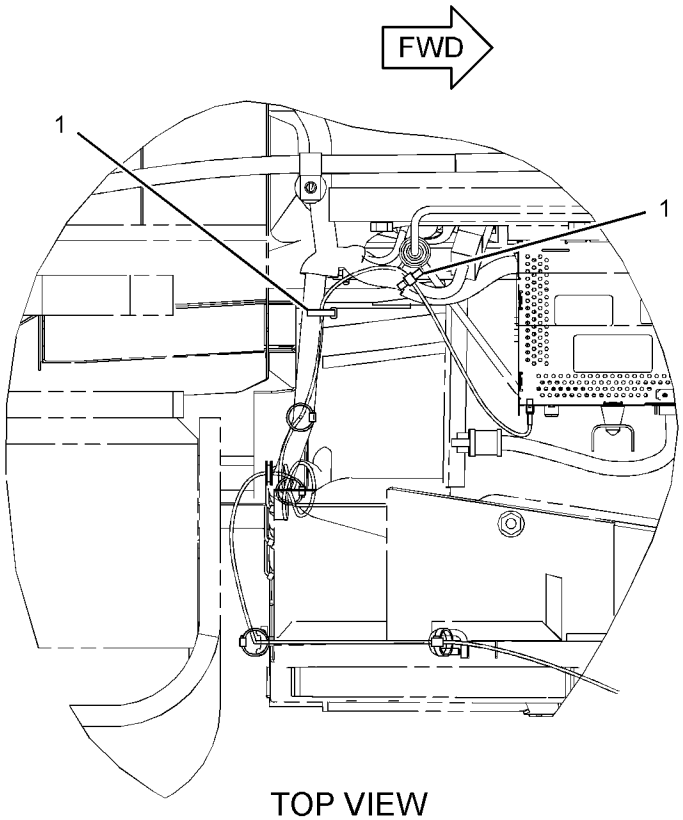
M - METRIC PART

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS.

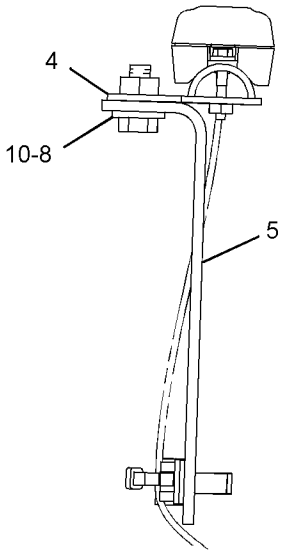


GRAPHIC #1 g01447111

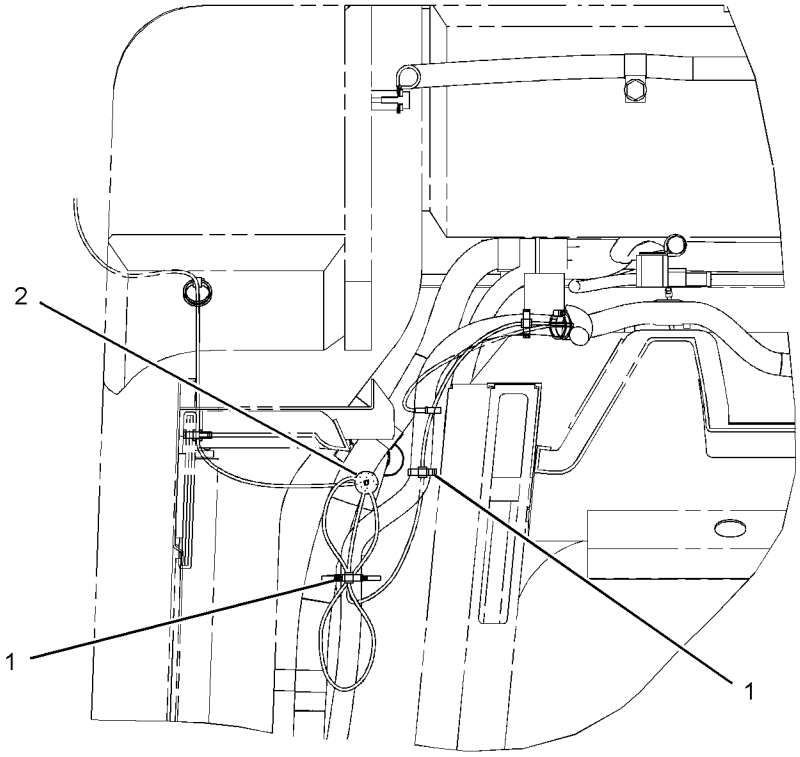
314-6934 **MOUNTING GP-ANTENNA (**contd.**)** **i02900438**



TOP VIEW



VIEW B-B



SECTION C-C

GRAPHIC #2 <END> g01447290

9U-2675 MOUNTING GP-ANTENNA–RADIO

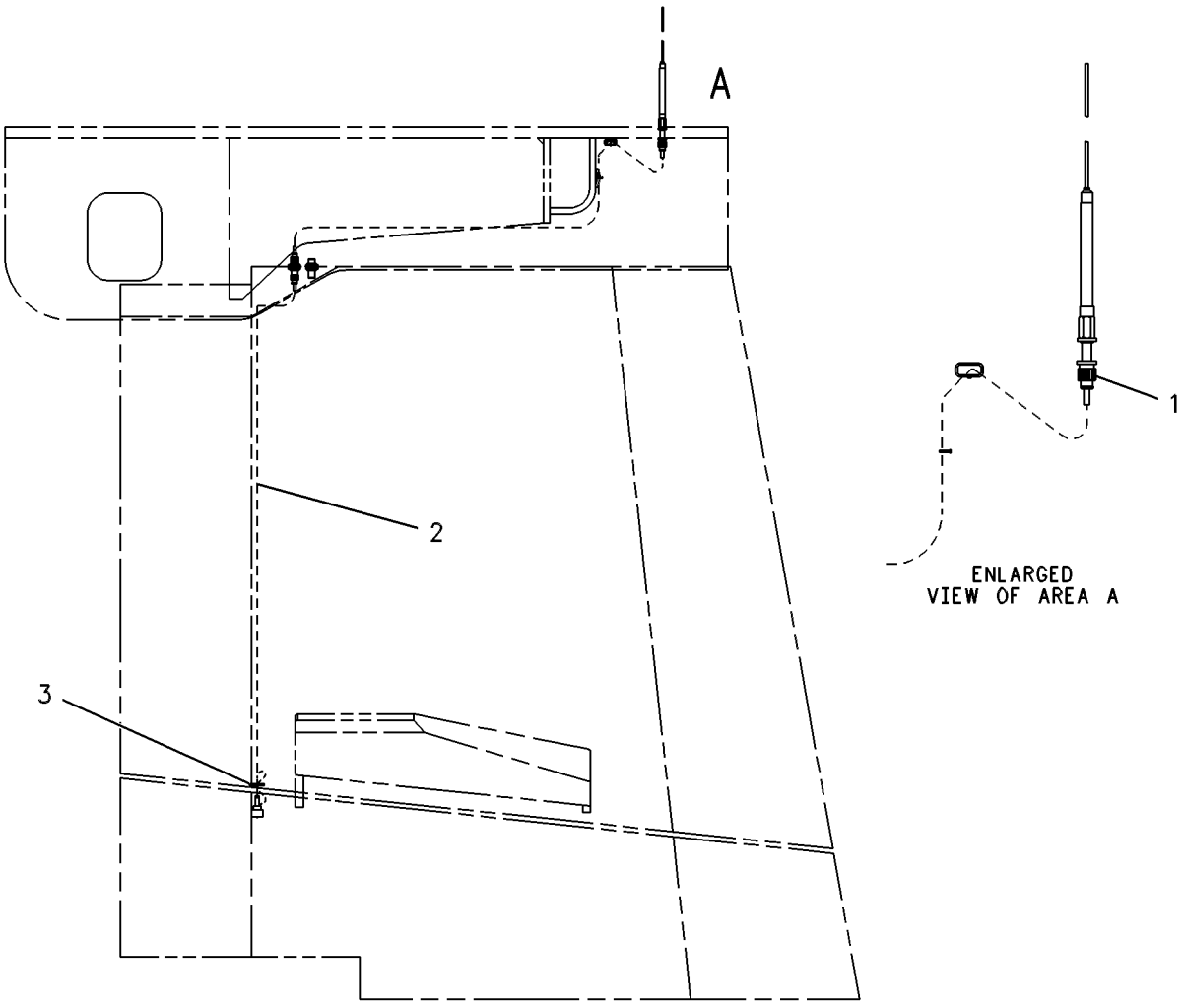
S/N: BTW1-UP

PART OF 234-5964, 281-4121 CAB AR

SMCS-7338, 7606

i02115121

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9U-2334**	1	CABLE AS-COAXIAL	
	2	1	**131-0722**	1	CABLE AS-COAXIAL	
	3	1	**7K-1181**	1	STRAP-CABLE	



GRAPHIC #1 <END> g00121415

8R-5531 MOUNTING GP-PLATFORM

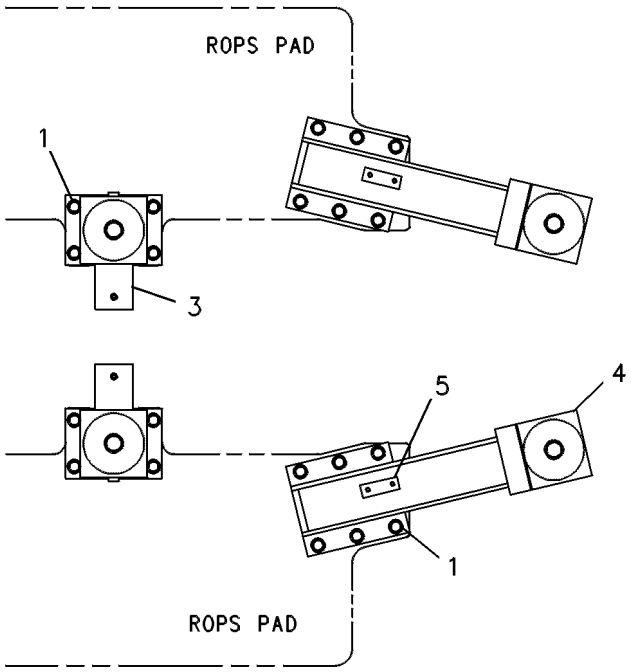
S/N: BTW1-UP

PART OF 230-3275 CHASSIS AR

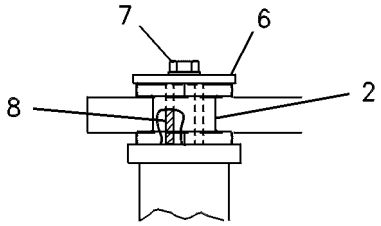
SMCS-7253 **i01229430**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**8T-4140**	20	BOLT (M16X2X60-MM)	
		1	**8T-4122**	20	WASHER-HARD (17X32X3.5-MM THK)	
	2	1	**9W-9941**	4	MOUNT AS	
	3	1	**4E-9337**	2	SUPPORT AS	
					(EACH INCLUDES)	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
	4	1	**4E-9331**	2	SUPPORT GP (RH)	
					(EACH INCLUDES)	
	5	1	**9C-4935**	1	PLATE	
	6	1	**9W-7388**	4	WASHER (26X144X12-MM THK)	
M	7	1	**8T-4649**	4	BOLT (M24X3X140-MM)	
		1	**8T-4167**	4	WASHER-HARD (26X44X4-MM THK)	
	8	1	**9W-7385**	4	SLEEVE	

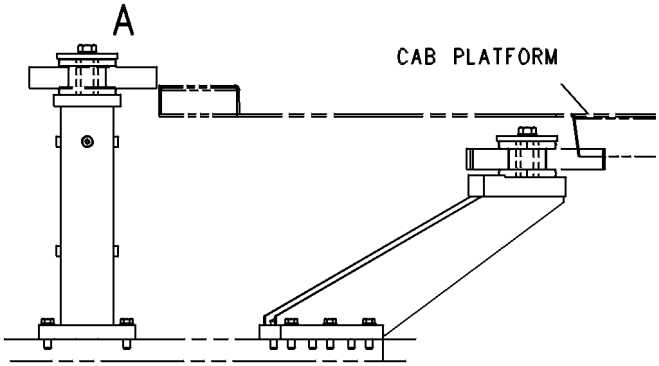
M - METRIC PART



TOP VIEW



ENLARGED VIEW OF AREA A



RIGHT SIDE VIEW

GRAPHIC #1 <END> g00120160

247-3070 MOUNTING GP-ROPS

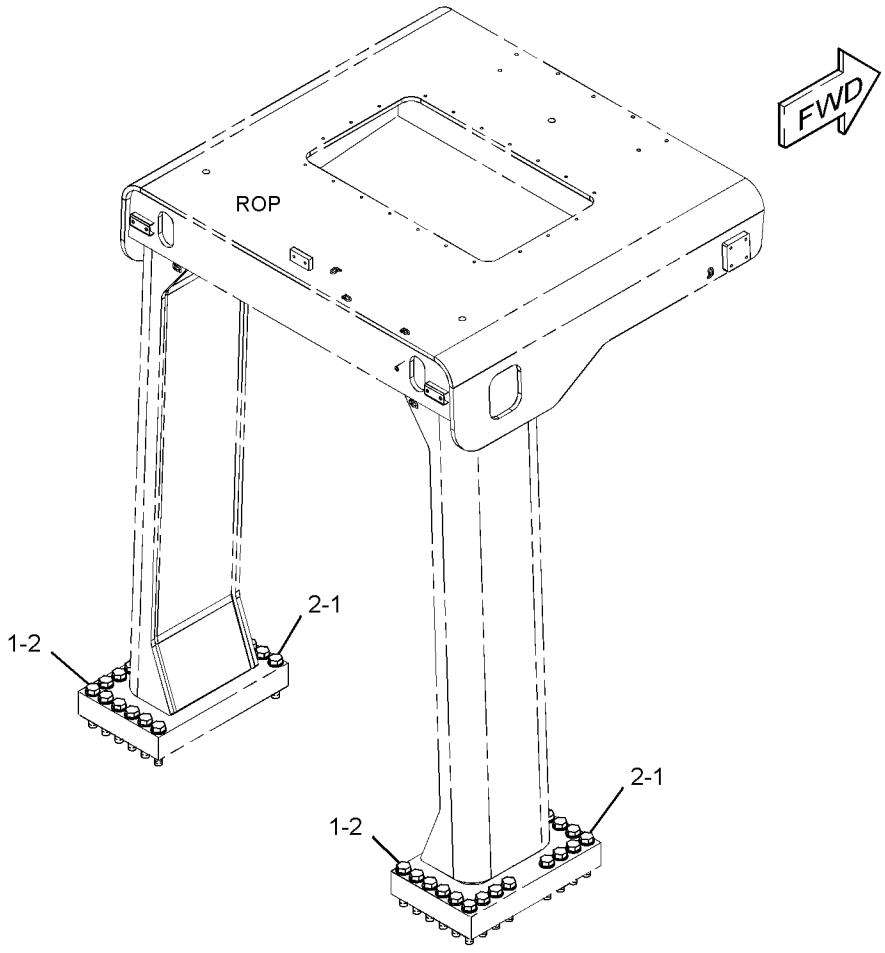
S/N: BTW1-UP

PART OF 230-3275 CHASSIS AR

SMCS-7266 **i02612989**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3S-7023**	36	WASHER (34X57X6-MM THK)	
M	2	1	**8C-3236**	36	BOLT (M30X3.5X160-MM)	

M - METRIC PART



GRAPHIC #1 <END> g01368167

234-5904 OPERATOR AR

S/N: BTW1-UP

PART OF 230-3275 CHASSIS AR, 353-4003 OPTION AR-MACHINE

SMCS-7301 **i02662890**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*234-5964*	1	CAB AR	1226
Y	*242-0389*	1	COVER GP-CAB	1252

Y - SEPARATE ILLUSTRATION

<END>

283-8350 OPERATOR AR

S/N: BTW1-UP

CUSTOM

PART OF 368-9066 OPERATOR AR

SMCS-7301 **i04000691**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*281-4121*	1	CAB AR	1227
Y	*275-3639*	1	CAB GP (ANTENNA, AIR FILTER, DUCTS)	1232
Y	*242-0389*	1	COVER GP-CAB	1252

Y - SEPARATE ILLUSTRATION

<END>

368-9066 OPERATOR AR

S/N: BTW1-UP

PART OF 353-4013 OPTION AR-CAB

SMCS-7301 **i04825667**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*283-8350*	1	OPERATOR AR	1306

Y - SEPARATE ILLUSTRATION

<END>

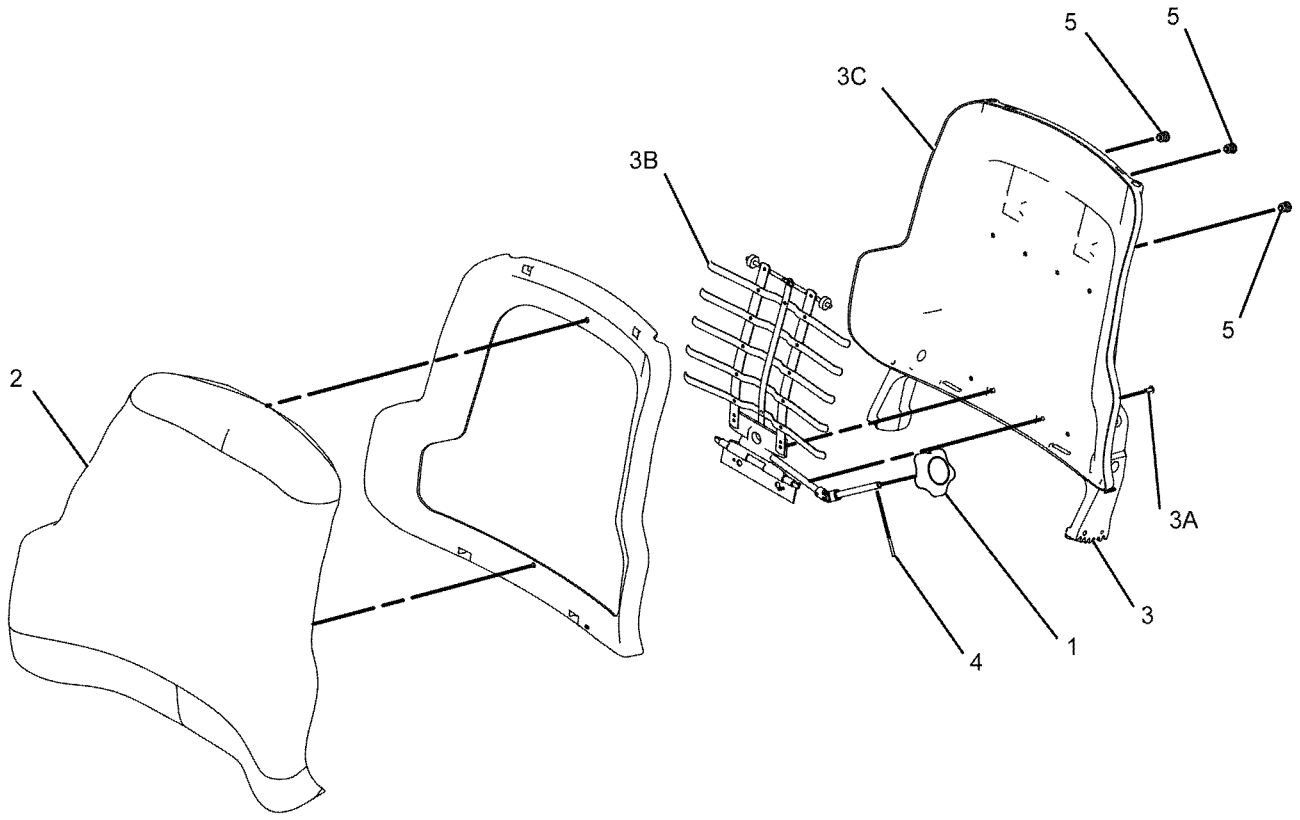
178-7911 PAN GP-BACKREST—CLOTH

S/N: BTW1-UP

PART OF 178-7910 SEAT GP

SMCS-7312 **i03606420**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**164-4883**	1	KNOB-LUMBAR	
	2	1	**233-6745**	1	CUSHION AS (CLOTH)	
	3	1	*178-7912*	1	PAN AS	
	3A	1	**4K-9429**	2	RIVET-POP	
	3B	1	**136-1543**	1	PLATE AS-LUMBAR	
	3C	1	**177-4930**	1	PAN AS-BACKREST	
	4	1	**8T-7566**	1	PIN-SPRING	
	5	1	**250-4628**	3	PLUG	



GRAPHIC #1 <END> g01060544

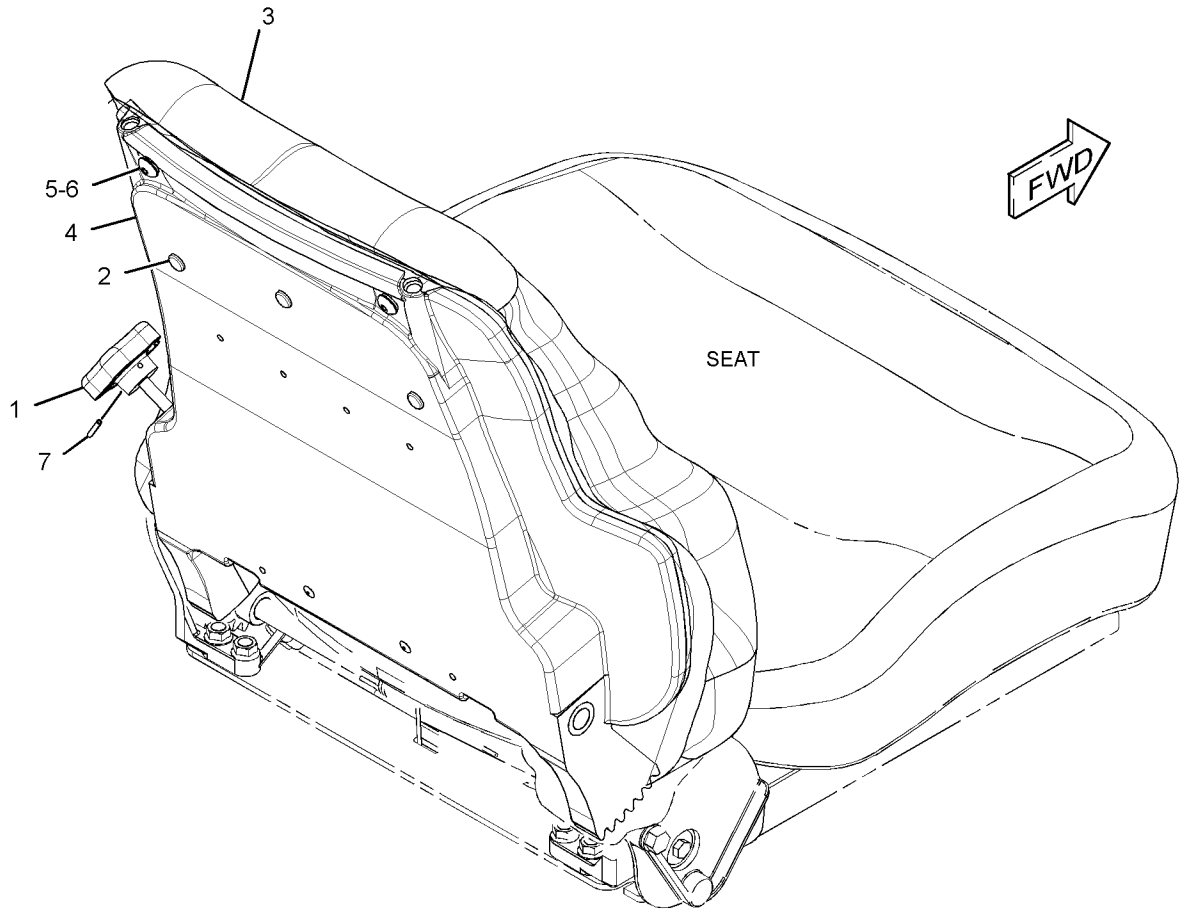
292-9241 PAN GP-BACKREST

S/N: BTW1-UP

PART OF 178-7910 SEAT GP

SMCS-7312 **i03413100**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**164-4883**	1	KNOB-LUMBAR	
	2	1	**250-4628**	3	PLUG	
	3	1	**292-6097**	1	CUSHION AS-BACK	
	4	1	*299-2277*	1	PAN GP-BACKREST	
		1	**4K-9429**	2	RIVET-POP	
		1	**136-1543**	1	PLATE AS-LUMBAR	
		1	**261-5694**	1	PAN AS-BACKREST	
	5	1	**5P-0537**	2	WASHER-HARD (7.2X14.5X2-MM THK)	
	6	1	**6V-8969**	2	SCREW-BUTTON HEAD (1/4-20X0.5-IN)	
	7	1	**8T-7566**	1	PIN-SPRING	



GRAPHIC #1 <END> g01378487

236-5218 PANEL GP-INSTRUMENT–FRONT

S/N: BTW1-UP

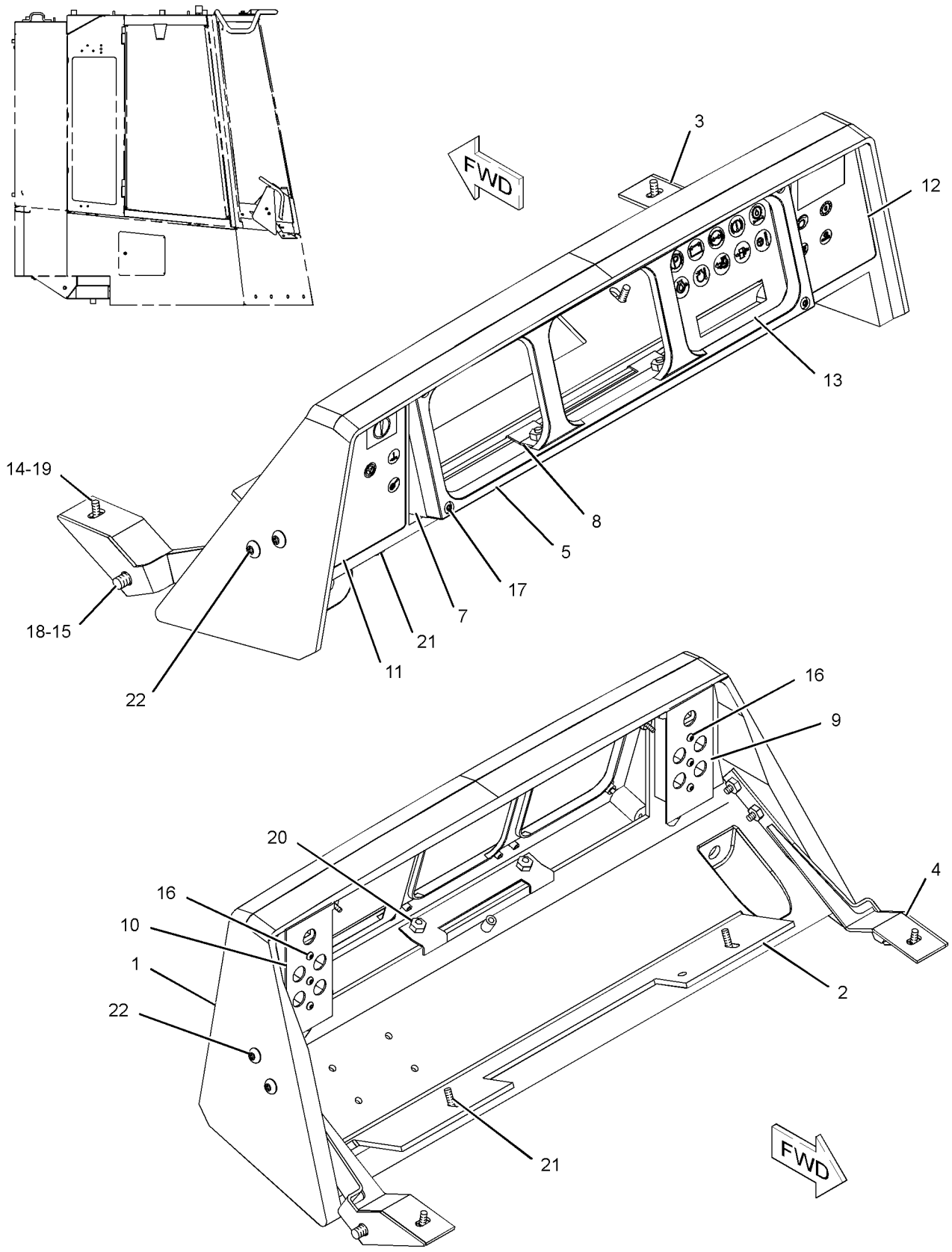
PART OF 234-5964, 281-4121 CAB AR

SMCS-7451 **i02713475**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-8537**	1	PANEL-INSTRUMENT	
	2	1	**4E-8538**	1	PANEL-FILLER	
	3	1	**4E-8937**	1	BRACKET AS	
M		1	**6V-9632**	2	NUT-WELD (M6X1-THD)	
	4	1	**4E-8940**	1	BRACKET AS	
M		1	**6V-9632**	2	NUT-WELD (M6X1-THD)	
	5	1	**100-5568**	1	BEZEL	
	7	1	**141-8143**	1	PANEL	
	8	1	**141-8144**	1	PLATE AS	
M		1	**6V-9632**	2	NUT-WELD (M6X1-THD)	
	9	1	**141-8145**	1	PLATE AS (LH)	
	10	1	**141-8146**	1	PLATE AS (RH)	
	11	1	**243-5710**	1	FILM-PANEL (LH)	
	12	1	**243-5711**	1	FILM-PANEL (RH)	
	13	1	**243-5712**	1	FILM-MONITOR (CATERPILLAR MONITORING SYSTEM)	
M	14	1	**5C-9553**	2	BOLT (M6X1X16-MM)	
	15	1	**6V-5839**	2	WASHER (11X21X2.5-MM THK)	
M	16	1	**7X-3319**	6	SCREW-HEX SOCKET (M4X0.7X6-MM)	
M	17	1	**7Y-7256**	4	SCREW-TRUSS HEAD (M4X0.7X35-MM)	
M	18	1	**8T-4191**	2	BOLT (M10X1.5X16-MM)	
	19	1	**8T-4205**	2	WASHER-HARD (7.2X14.5X2-MM THK)	
M	20	1	**9X-2042**	2	SCREW-TRUSS HEAD (M6X1X12-MM)	
M	21	1	**9X-2045**	5	SCREW-TRUSS HEAD (M6X1X20-MM)	
M	22	1	**9X-2046**	4	SCREW-TRUSS HEAD (M6X1X35-MM)	

M - METRIC PART

236-5218 **PANEL GP-INSTRUMENT (**contd.**)** **i02713475**



GRAPHIC #1 <END> g01364992

236-5224 PANEL GP-INSTRUMENT–SIDE

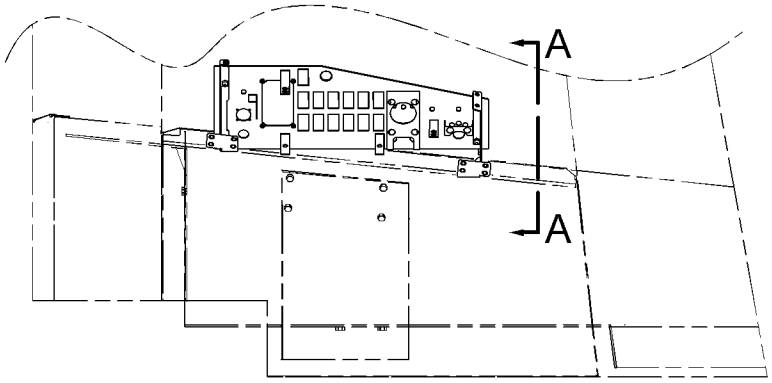
S/N: BTW1-UP

PART OF 234-5964, 281-4121 CAB AR

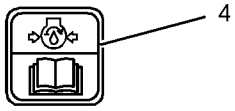
SMCS-7451 **i04779330**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**213-3056**	1	BRACKET AS	
	2	1	**213-3057**	1	BRACKET AS	
	3	1	**241-6416**	1	PANEL AS	
	4	1	**233-5070**	1	FILM-IDENTIFICATION (PRELUBRICATION PUMP)	
M	5	1	**8T-4138**	8	BOLT (M6X1X20-MM)	
	6	1	**8T-4205**	8	WASHER-HARD (7.2X14.5X2-MM THK)	
M	7	1	**9X-2044**	4	SCREW-TRUSS HEAD (M6X1X16-MM)	

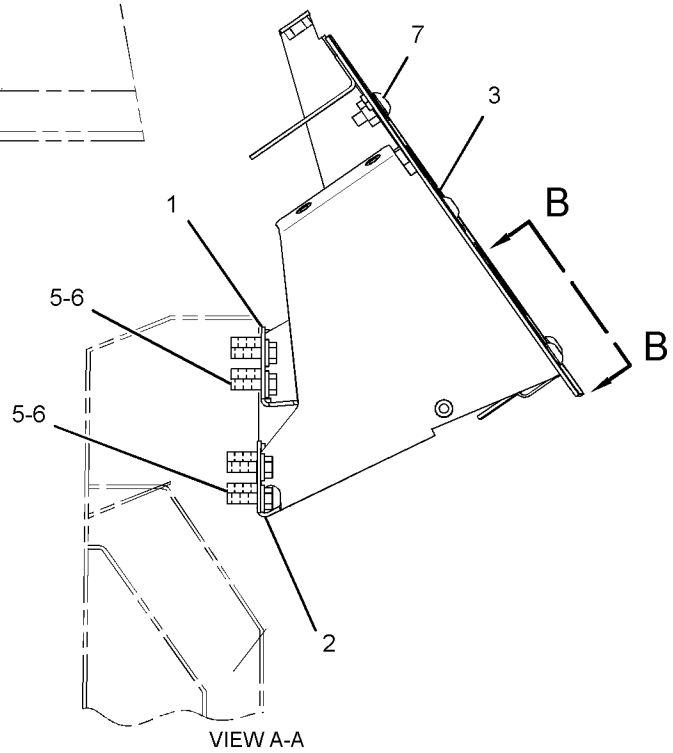
M - METRIC PART



RIGHT SIDE VIEW



VIEW B-B



VIEW A-A

GRAPHIC #1 <END> g02923767

231-0806 PANEL GP-PLATFORM

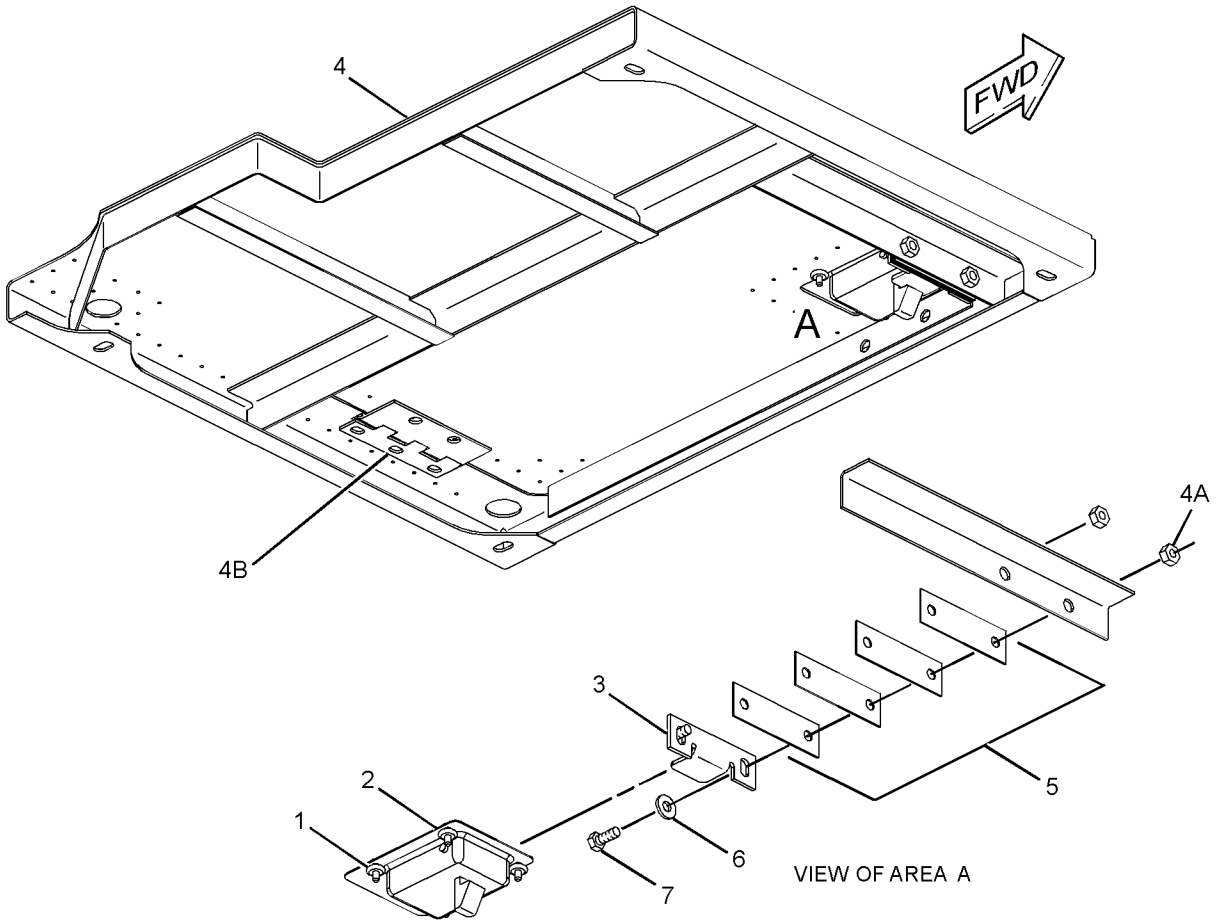
S/N: BTW1-237

PART OF 234-4920 PLATFORM GP-OPERATOR

SMCS-726A **i02424357**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6V-2370**	4	RIVET-POP	
	2	1	**9X-2299**	1	LATCH AS	
	3	1	**106-6220**	1	BRACKET	
	4	1	**231-0804**	1	PANEL AS	
M	4A	1	**8T-3490**	2	NUT-WELD (M10X1.5-THD)	
	4B	1	**113-9305**	1	HINGE	
B	5	1	**106-6221**	4	SHIM (1.6-MM THK)	
	6	1	**7X-7729**	2	WASHER (11X25X3-MM THK)	
M	7	1	**8T-4136**	2	BOLT (M10X1.5X25-MM)	

B - USE AS REQUIRED
M - METRIC PART



GRAPHIC #1 <END> g01215100

231-0806 PANEL GP-PLATFORM

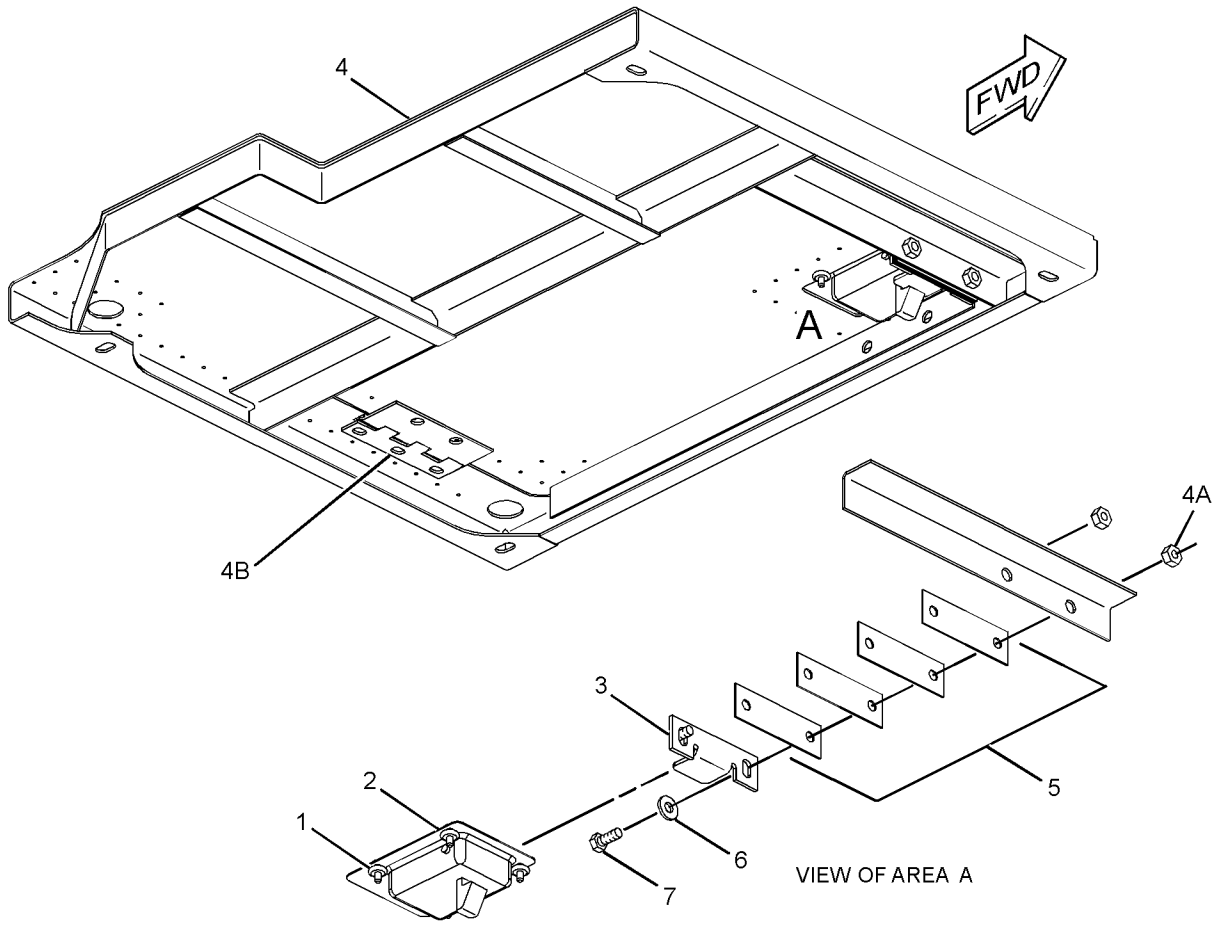
S/N: BTW238-UP

PART OF 234-4920 PLATFORM GP-OPERATOR

SMCS-726A **i04950619**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6V-2370**	4	RIVET-POP	
C	2	1	**7X-2484**	1	LATCH-HANDLE	
C	3	1	**370-1915**	1	BRACKET	
	4	1	**231-0804**	1	PANEL AS	
M	4A	1	**8T-3490**	2	NUT-WELD (M10X1.5-THD)	
	4B	1	**113-9305**	1	HINGE	
B	5	1	**106-6221**	4	SHIM (1.6-MM THK)	
	6	1	**7X-7729**	2	WASHER (11X25X3-MM THK)	
M	7	1	**8T-4136**	2	BOLT (M10X1.5X25-MM)	

B - USE AS REQUIRED
C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART



GRAPHIC #1 <END> g01215100

205-9236 PEDAL GP-BRAKE—PEDAL, LH

S/N: BTW1-UP

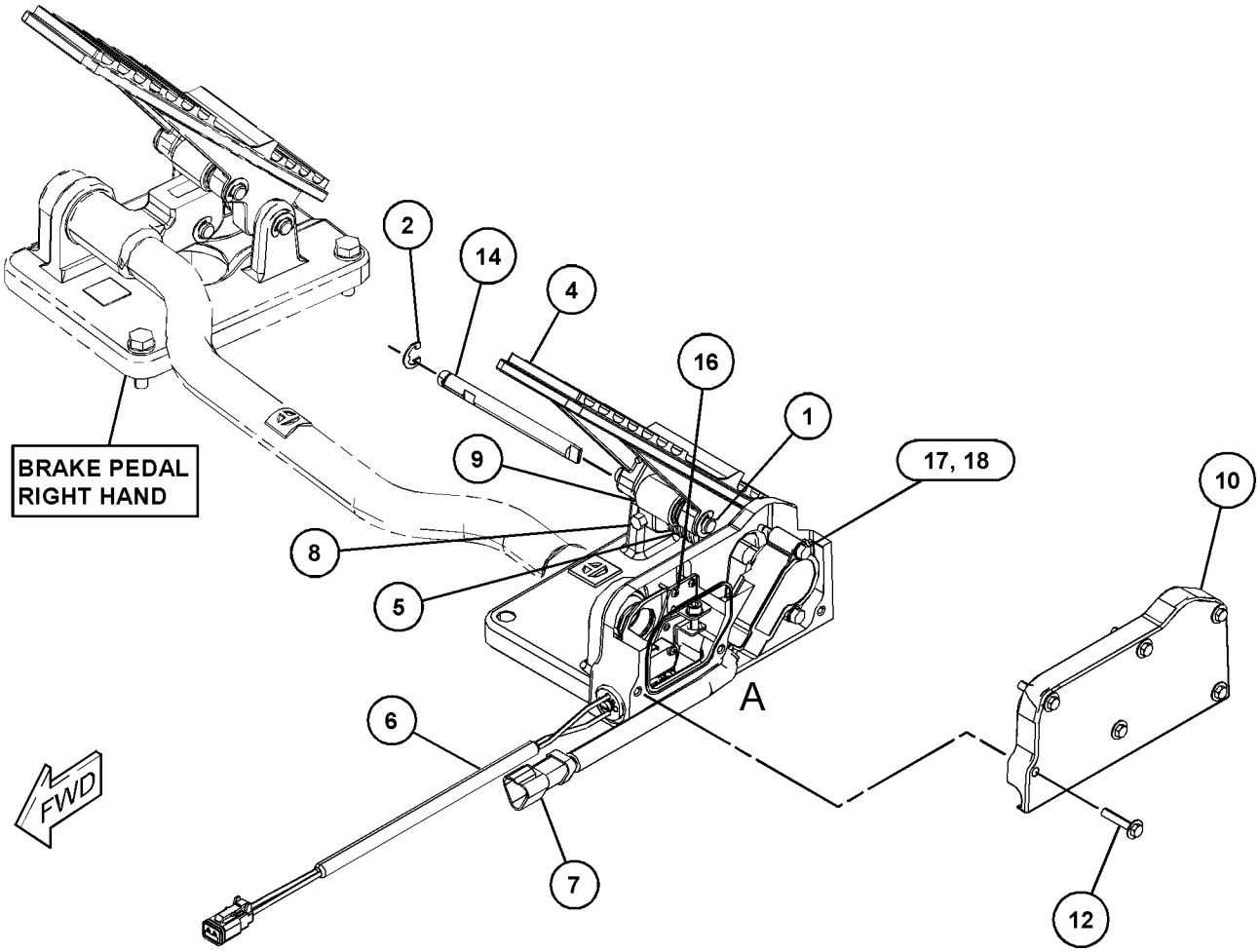
PART OF 250-9458 CONTROL GP-FOOT BRAKE

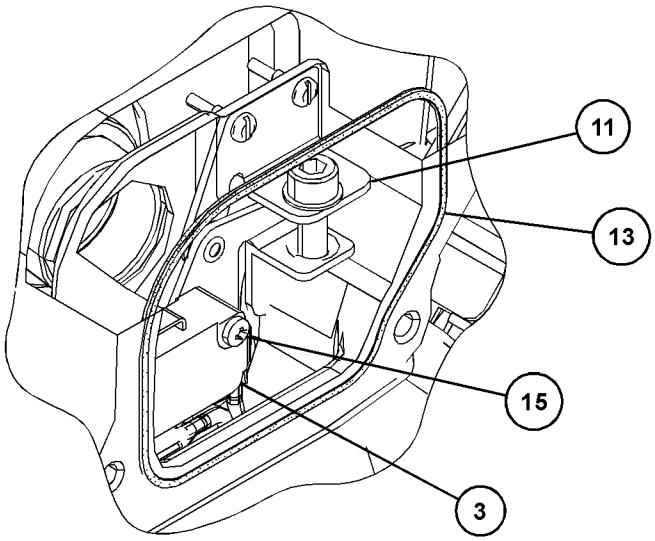
SMCS-4269, 4290 **i04943283**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-9664**	1	PIN	
	2	1	**009-3101**	3	RING-RETAINING	
	3	1	**105-6117**	1	SWITCH AS-LIMIT (NORMALLY CLOSED) (STOP LIGHT)	
	4	1	**113-7752**	1	PEDAL-BRAKE	
	5	1	**115-2247**	1	SPRING	
	6	1	**146-1892**	1	HARNESS AS-BRAKE (STOP LIGHT)	
		1	**8T-8730**	2	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		1	**5P-2957**	2	TERMINAL-BLADE (14-GA TO 16-GA)	
					—OR—	
		1	**5P-5602**	2	TERMINAL-BLADE (18-GA TO 22-GA)	
		1	**155-2270**	1	KIT-CONNECTING PLUG (2-PIN)	
					(INCLUDES PLUG AS, WEGE, & INTERFACE SEAL)	
Y	7	1	**266-1478**	1	SENSOR GP-POSITION (ROTARY) (LEFT BRAKE PEDAL)	482
M	8	1	**153-6273**	1	SETSCREW	
	9	1	**163-3926**	1	ROLLER	
	10	1	**200-2217**	1	COVER	
	11	1	**200-2218**	1	BRACKET AS-ADJUSTABLE SWITCH (STOP LIGHT LIMIT)	
	12	1	**200-2219**	6	BOLT (M5X0.8X25-MM)	
	13	1	**200-2220**	1	SEAL	
	14	1	**206-7316**	1	PIN	
M	15	1	**125-3295**	2	SCREW-PAN HEAD (M2.5X0.45X12-MM)	
M	16	1	**8T-2899**	2	SCREW-MACHINE (M2.5X0.45X6-MM)	
M	17	1	**6V-2313**	2	BOLT (M5X0.8X30-MM)	
	18	1	**8T-3016**	2	WASHER (5.3X10X1-MM THK)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION

205-9236 **PEDAL GP-BRAKE (**contd.**)** **i04943283**





VIEW OF AREA A

GRAPHIC #1 <END> g03141468

251-4629 PEDAL GP-BRAKE–PEDAL, RH

S/N: BTW1-UP

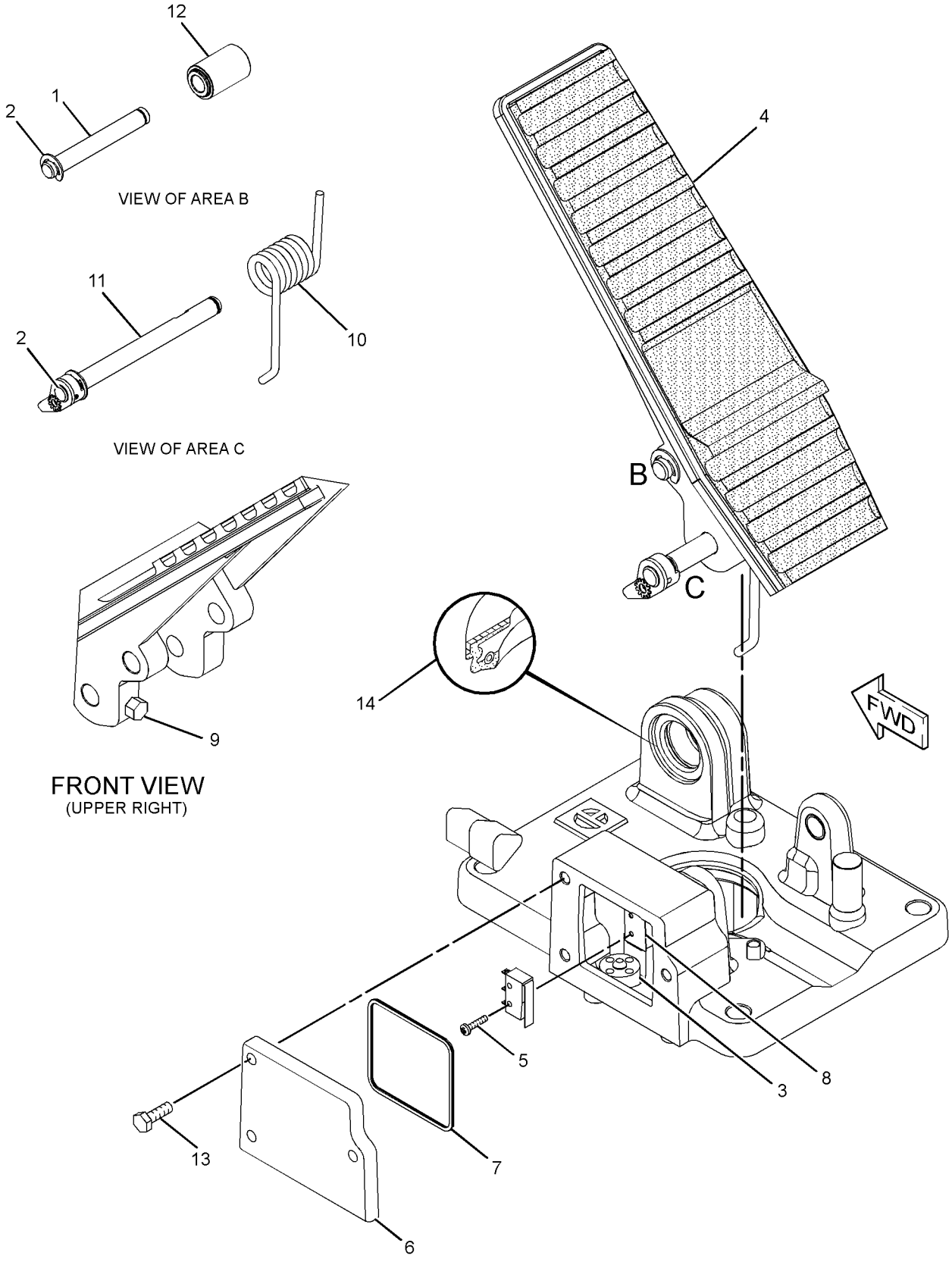
PART OF 250-9458 CONTROL GP-FOOT BRAKE

SMCS-4269, 4290 **i02424463**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-9664**	1	PIN	
	2	1	**009-3101**	3	RING-RETAINING	
	3	1	**112-2276**	1	SWITCH AS-LIMIT (RIGHT FT BRAKE BASE)	
		1	**155-2260**	2	KIT-CONNECTING PLUG (3-PIN)	
					(EACH KIT INCLUDES PLUG AS & WEDGE)	
		1	**124-5811**	1	GROMMET AS	
		1	**127-4988**	1	SWITCH AS-LIMIT (SINGLE POLE)	
	4	1	**113-7752**	1	PEDAL-BRAKE	
M	5	1	**125-3295**	5	SCREW-PAN HEAD (M2.5X0.45X12-MM)	
	6	1	**128-0606**	1	COVER	
	7	1	**128-0607**	1	SEAL	
	8	1	**148-5581**	1	INSULATOR	
M	9	1	**153-6273**	1	SETSCREW	
	10	1	**167-4348**	1	SPRING	
	11	1	**200-7914**	1	SHAFT AS	
	12	1	**205-3582**	1	ROLLER	
	13	1	**5M-6755**	3	SCREW-MACHINE (10-24X0.562-IN)	
	14	1	**8S-2225**	1	SEAL-LIP TYPE	

M - METRIC PART

251-4629 **PEDAL GP-BRAKE (**contd.**)** **i02424463**



GRAPHIC #1 <END> g01212428

112-5763 PEDAL GP-GOVERNOR

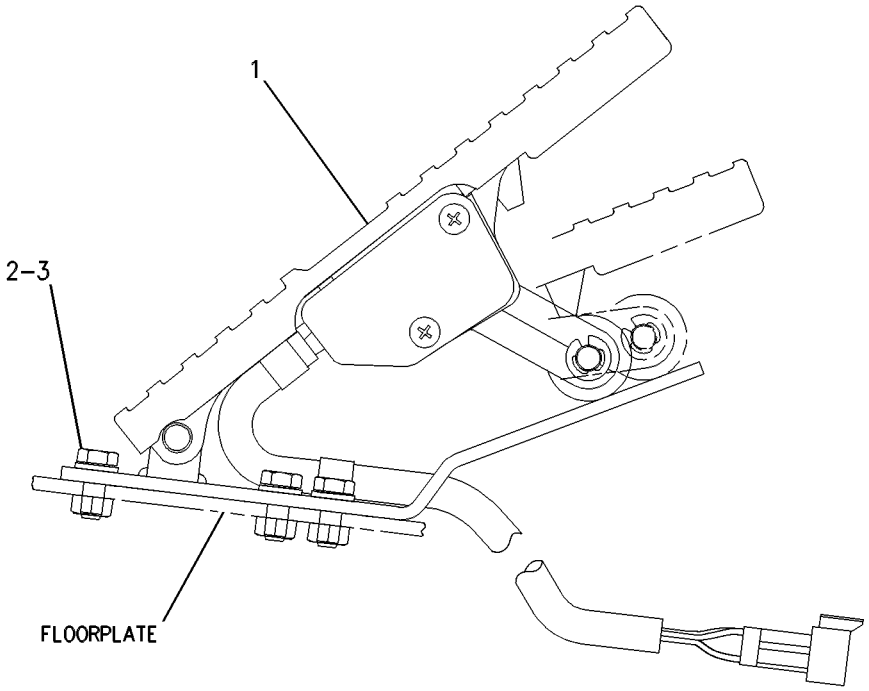
S/N: BTW1-UP

PART OF 234-5964 CAB AR

SMCS-1276 **i03591860**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**113-4799**	1	PEDAL GP-GOVERNOR	1320
M	2	1	**8T-4189**	4	BOLT (M8X1.25X20-MM)	
	3	1	**8T-4224**	4	WASHER-HARD (8.8X16X2-MM THK)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION



RIGHT SIDE VIEW

GRAPHIC #1 <END> g00523289

112-5763 PEDAL GP-GOVERNOR

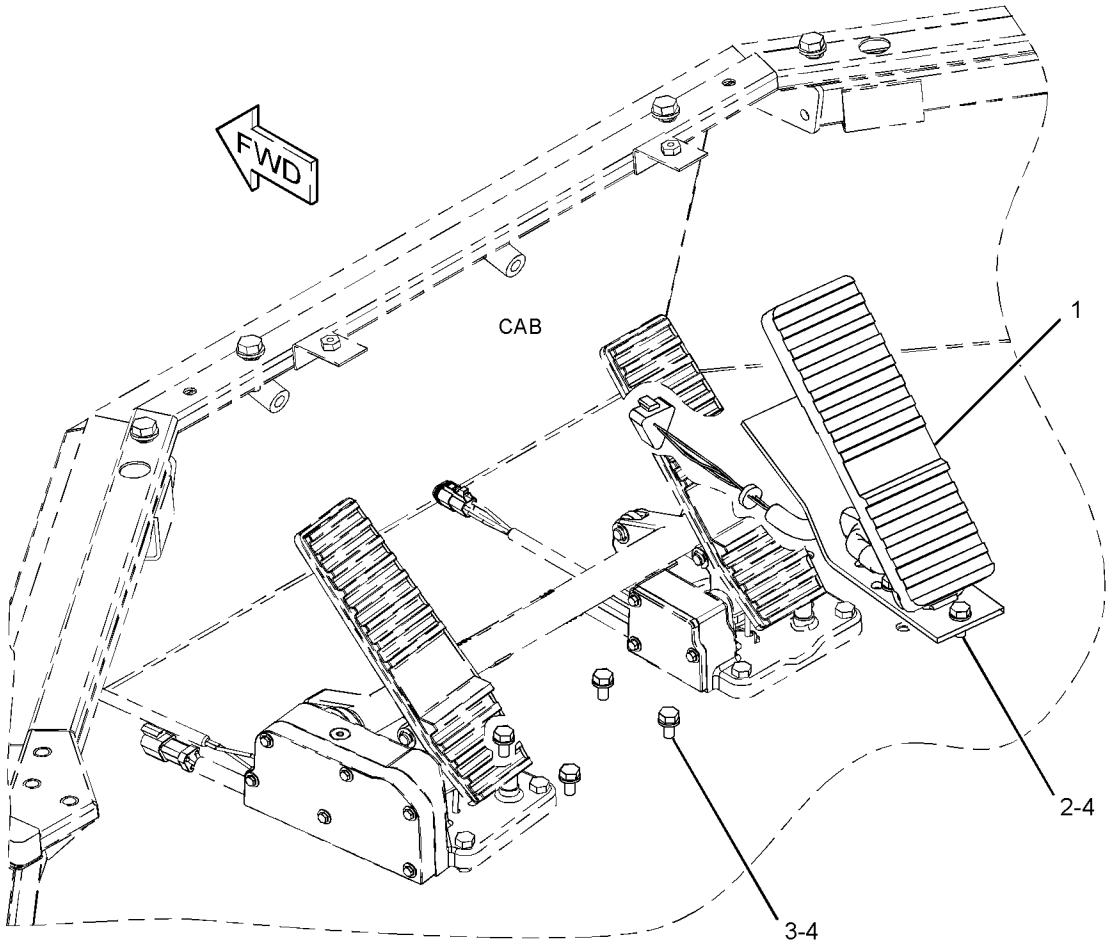
S/N: BTW1-UP

PART OF 234-5964, 281-4121 CAB AR

SMCS-1276 **i03917649**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**113-4799**	1	PEDAL GP-GOVERNOR	1320
M	2	1	**8T-4189**	4	BOLT (M8X1.25X20-MM)	
M	3	1	**8T-4200**	4	BOLT (M8X1.25X16-MM)	
	4	1	**8T-4224**	8	WASHER-HARD (8.8X16X2-MM THK)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g02159169

113-4799 PEDAL GP-GOVERNOR

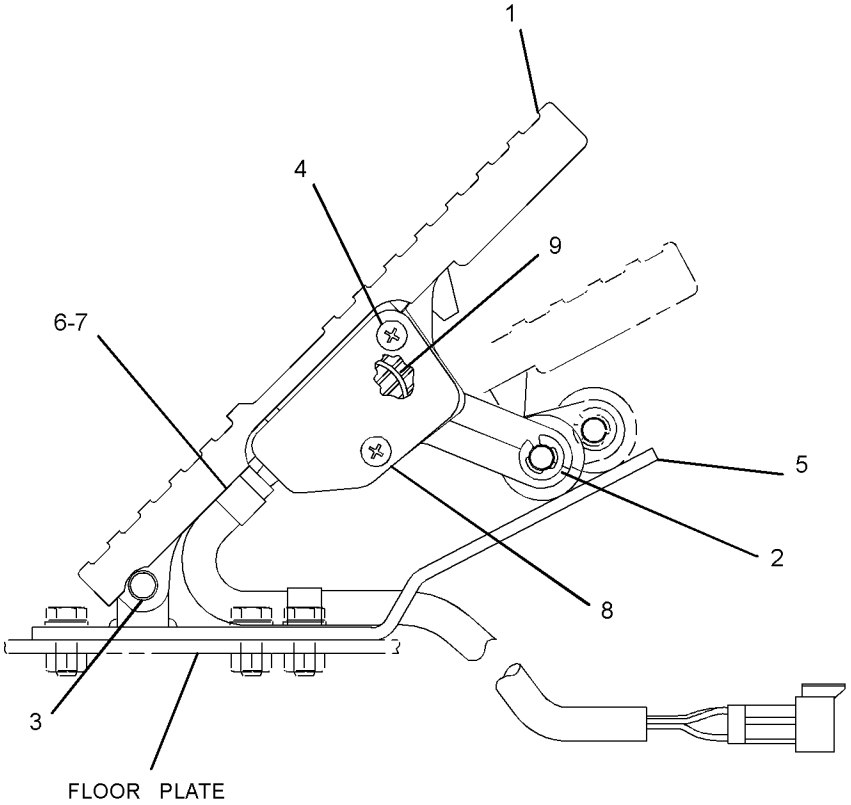
S/N: BTW1-UP

PART OF 112-5763 PEDAL GP-GOVERNOR

SMCS-1276 **i03618473**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**123-9431**	1	COVER	
	2	1	**140-2961**	1	KIT-ROLLER (BRAKE CONTROL)	
					(INCLUDES ROLLERS)	
	3	1	**274-9189**	1	KIT-TREADLE PIN (BRAKE CONTROL)	
					(INCLUDES BUSHINGS, PIN, PUSH NUT & SERVICE BULLETIN)	
	4	1	**140-2963**	2	SCREW (10-32X1.25-IN)	
	5	1	**160-6354**	1	PLATE AS	
	6	1	**160-6365**	2	SCREW	
	7	1	**160-6366**	2	CLIP	
Y	8	1	**204-7949**	1	SENSOR GP-POSITION (ROTARY) (FOOT BRAKE CONTROL)	480
	9	1	**6V-0894**	1	SEAL-O-RING	

Y - SEPARATE ILLUSTRATION



RIGHT SIDE VIEW

GRAPHIC #1 <END> g01225854

113-4799 PEDAL GP-GOVERNOR

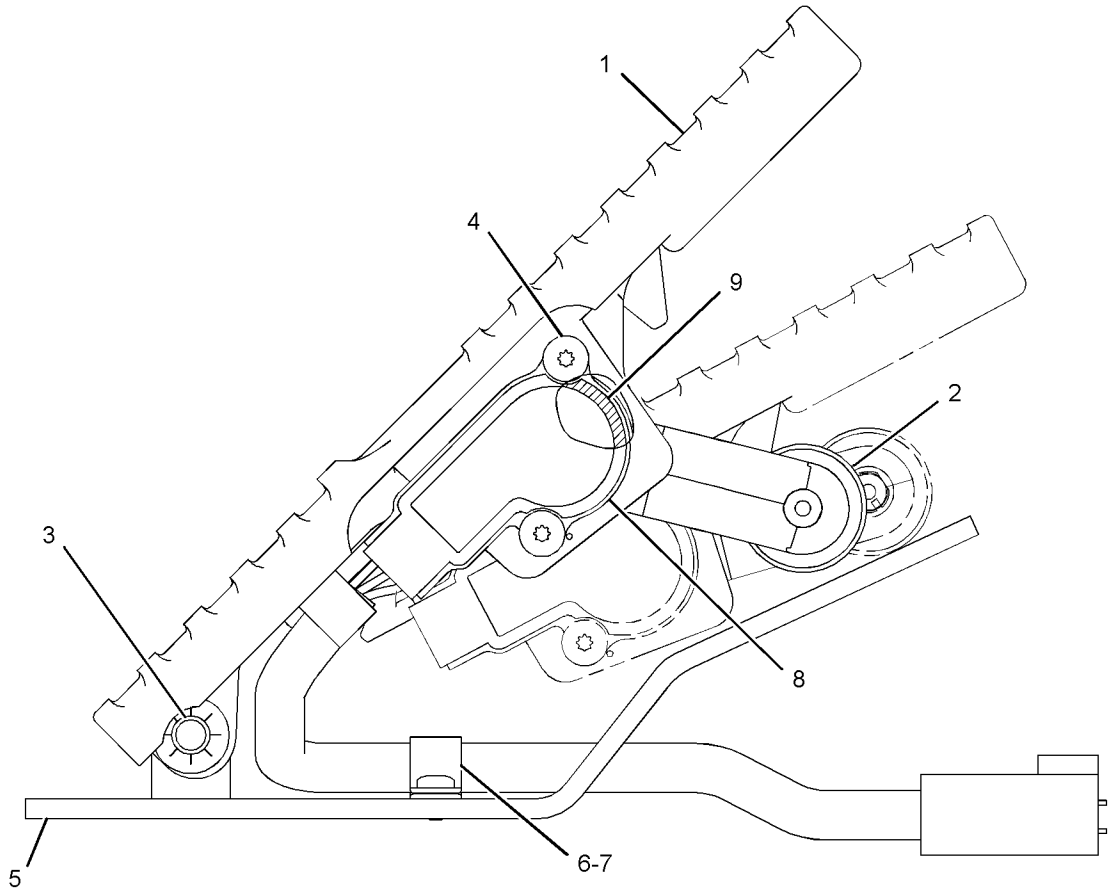
S/N: BTW1-UP

PART OF 112-5763 PEDAL GP-GOVERNOR

SMCS-1276 **i03618600**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**123-9431**	1	COVER	
	2	1	**140-2961**	1	KIT-ROLLER (BRAKE CONTROL)	
					(INCLUDES ROLLERS)	
	3	1	**274-9189**	1	KIT-TREADLE PIN (BRAKE CONTROL)	
					(INCLUDES BUSHINGS, PIN, PUSH NUT & SERVICE BULLETIN)	
	4	1	**140-2963**	2	SCREW (10-32X1.25-IN)	
	5	1	**160-6354**	1	PLATE AS	
	6	1	**160-6365**	2	SCREW	
	7	1	**160-6366**	2	CLIP	
CY	8	1	**266-1466**	1	SENSOR GP-POSITION (ROTARY) (FOOT BRAKE CONTROL)	481
	9	1	**6V-0894**	1	SEAL-O-RING	

C - CHANGE FROM PREVIOUS TYPE
Y - SEPARATE ILLUSTRATION



RIGHT SIDE VIEW

GRAPHIC #1 <END> g01438826

204-8912 PLATFORM GP

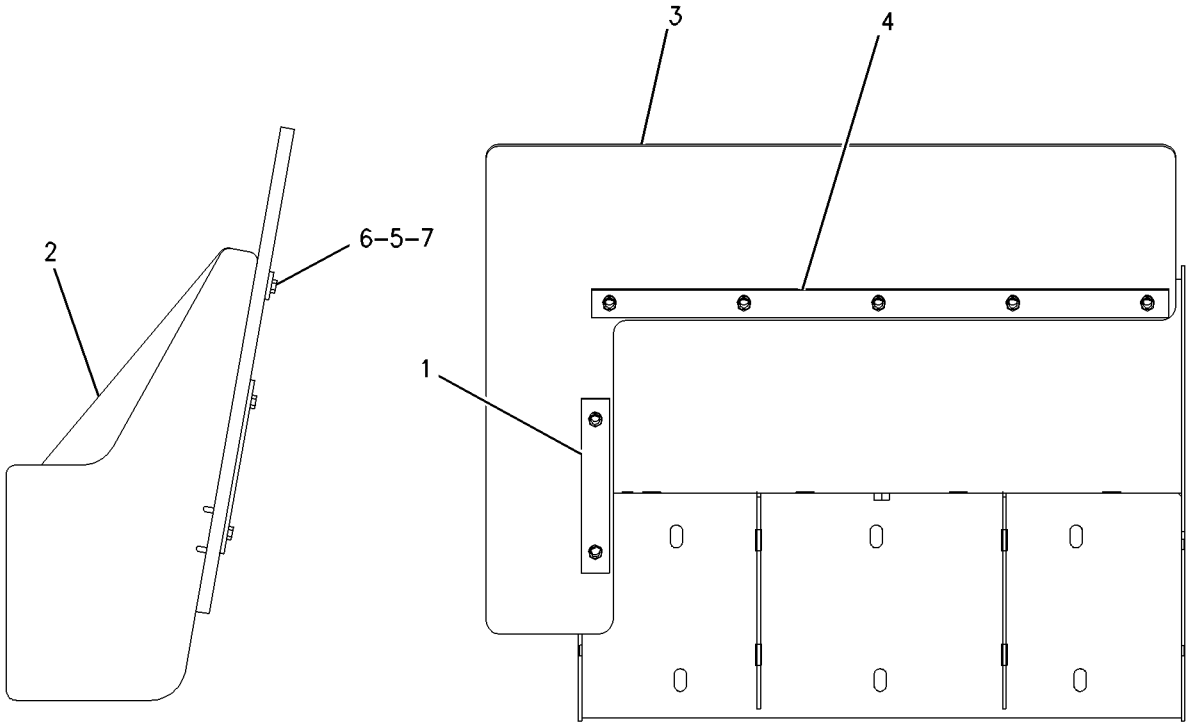
S/N: BTW1-183

PART OF 219-7514 HANDRAIL & STEP GP

SMCS-7253 **i01731078**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**171-6023**	1	BAR	
C	2	1	**220-3943**	1	PLATFORM AS	
M		1	**8T-3597**	1	NUT-WELD (M12X1.75-THD)	
		1	**204-8921**	1	TREAD	
	3	1	**204-8920**	1	FLAP	
	4	1	**204-8922**	1	BAR	
	5	1	**2A-2677**	7	SPACER (10.7X17.14X19.05-MM THK)	
M	6	1	**8T-4186**	7	BOLT (M10X1.5X40-MM)	
CM	7	1	**8T-4133**	7	NUT (M10X1.5-THD)	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART



GRAPHIC #1 <END> g00891140

231-0825 PLATFORM GP-OPERATOR

S/N: BTW1-240

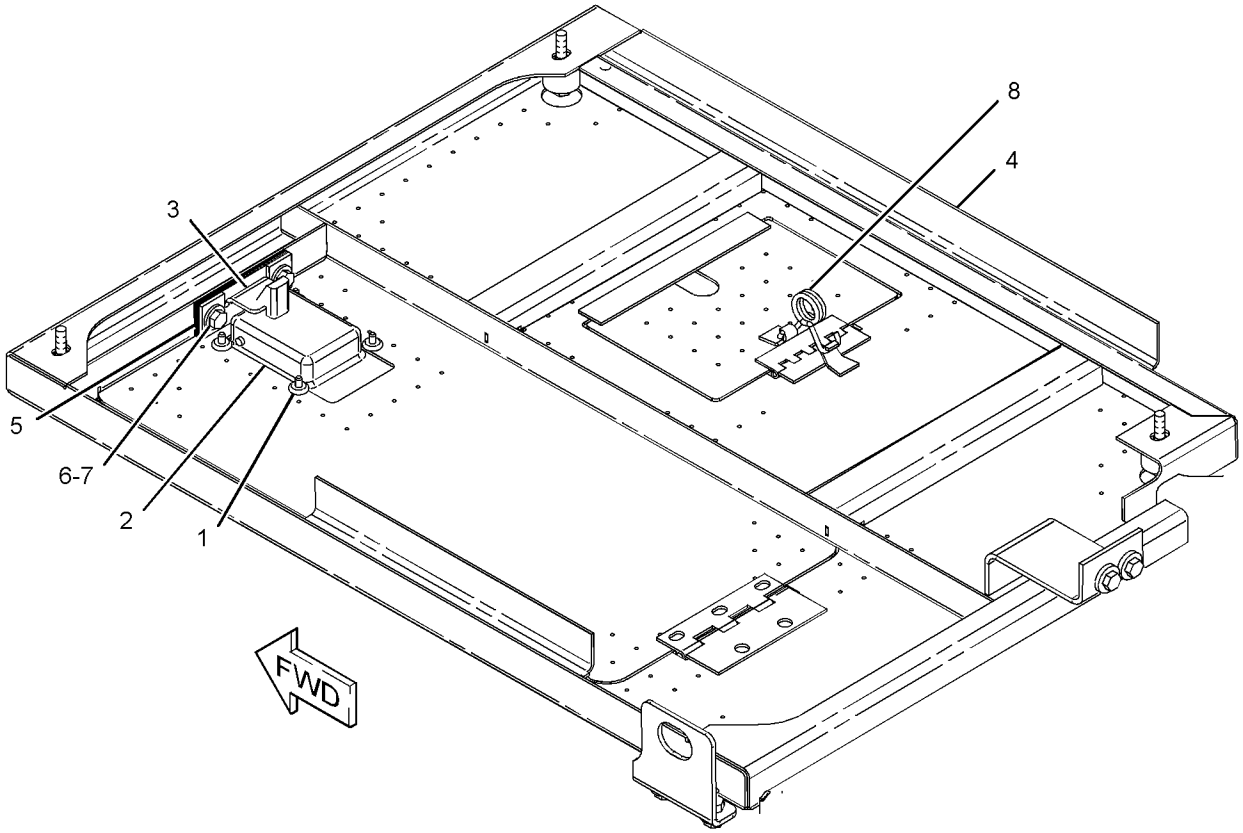
PART OF 234-4920 PLATFORM GP-OPERATOR

SMCS-7253 **i02424348**

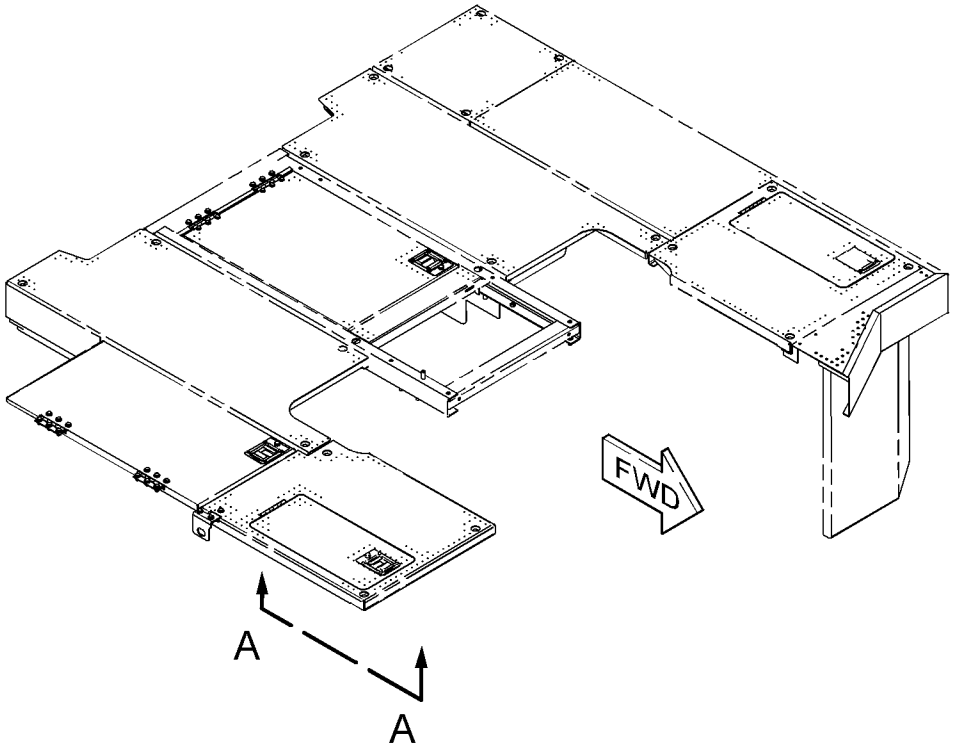
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6V-2370**	4	RIVET-POP	
	2	1	**9X-2299**	1	LATCH AS	
	3	1	**106-6220**	1	BRACKET	
	4	1	**231-0826**	1	PANEL AS	
		1	**3R-9322**	1	HINGE	
		1	**4K-8501**	2	CLIP	
M		1	**8T-3490**	4	NUT-WELD (M10X1.5-THD)	
		1	**113-9305**	1	HINGE	
B	5	1	**106-6221**	4	SHIM (1.6-MM THK)	
	6	1	**7X-7729**	2	WASHER (11X25X3-MM THK)	
M	7	1	**8T-4136**	2	BOLT (M10X1.5X25-MM)	
	8	1	**1K-8850**	1	SPRING	

B - USE AS REQUIRED
M - METRIC PART

231-0825 **PLATFORM GP-OPERATOR** (contd.) **i02424348**



VIEW A-A



GRAPHIC #1 <END> g01216144

231-0825 PLATFORM GP-OPERATOR

S/N: BTW241-UP

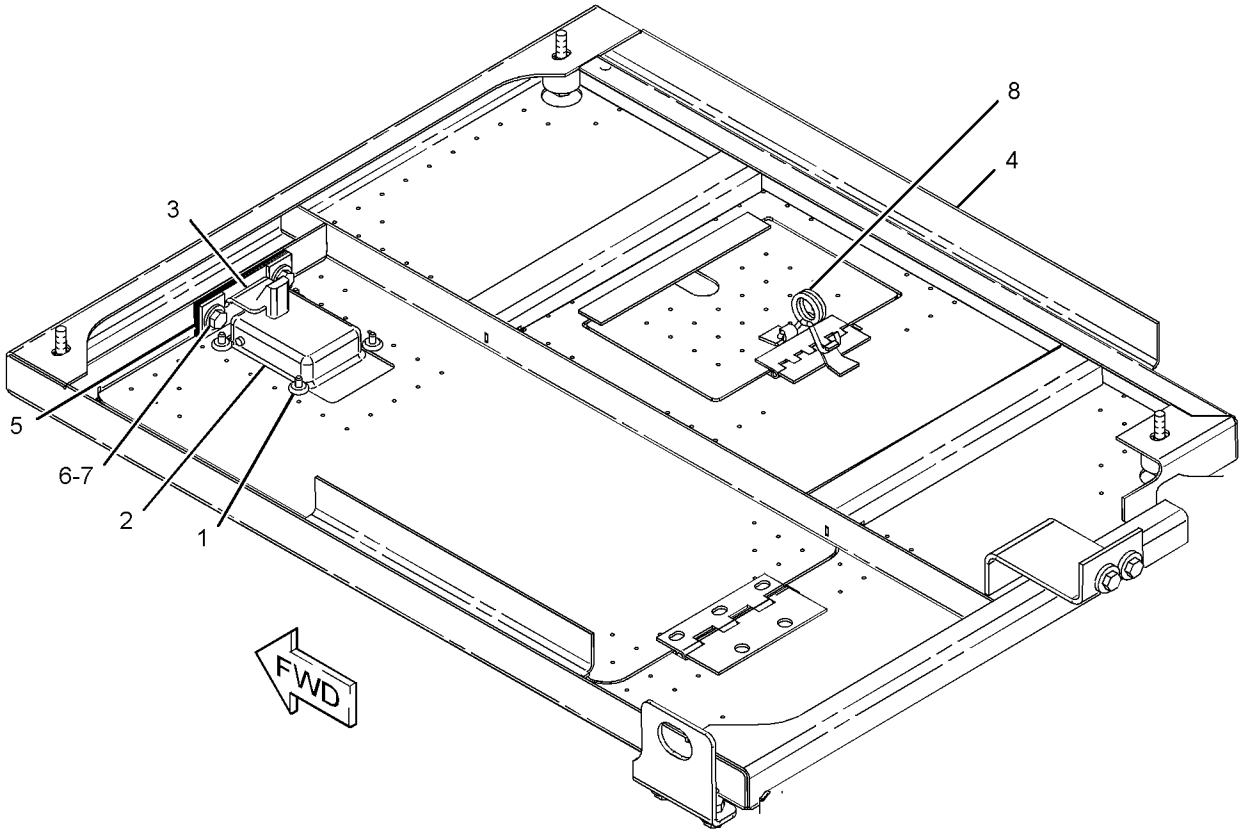
PART OF 234-4920 PLATFORM GP-OPERATOR

SMCS-7253 **i04952811**

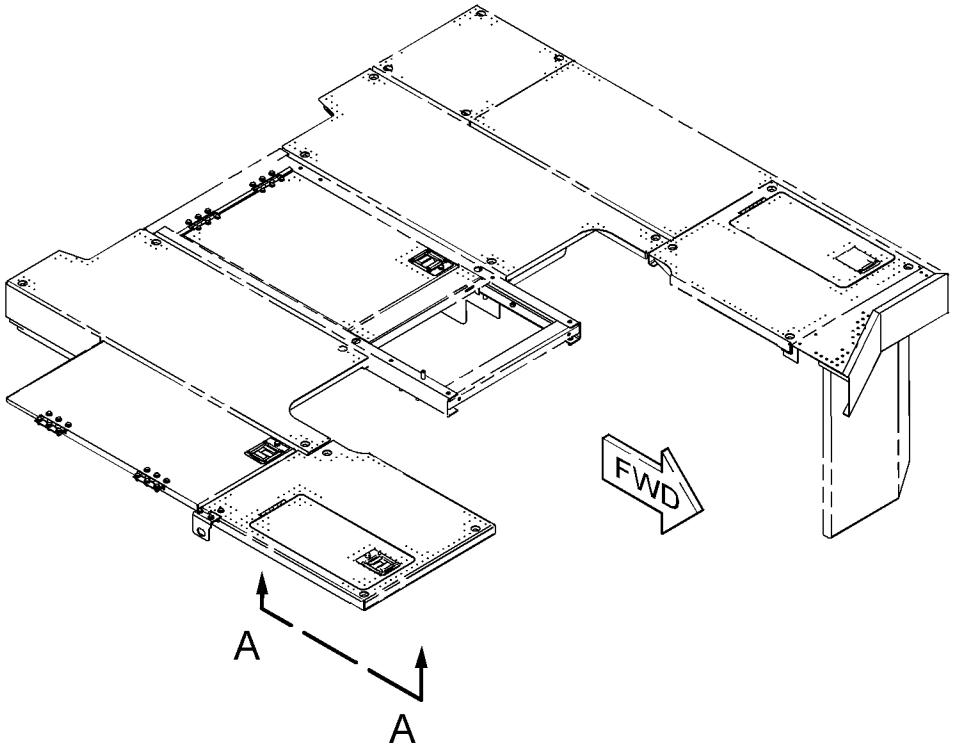
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6V-2370**	4	RIVET-POP	
C	2	1	**7X-2484**	1	LATCH-HANDLE	
C	3	1	**370-1915**	1	BRACKET	
	4	1	**231-0826**	1	PANEL AS	
		1	**3R-9322**	1	HINGE	
		1	**4K-8501**	2	CLIP	
M		1	**8T-3490**	4	NUT-WELD (M10X1.5-THD)	
		1	**113-9305**	1	HINGE	
B	5	1	**106-6221**	4	SHIM (1.6-MM THK)	
	6	1	**7X-7729**	2	WASHER (11X25X3-MM THK)	
M	7	1	**8T-4136**	2	BOLT (M10X1.5X25-MM)	
	8	1	**1K-8850**	1	SPRING	

B - USE AS REQUIRED
C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART

231-0825 **PLATFORM GP-OPERATOR** (contd.) **i04952811**



VIEW A-A



GRAPHIC #1 <END> g01216144

234-4920 PLATFORM GP-OPERATOR

S/N: BTW1-UP

PART OF 230-3275 CHASSIS AR

SMCS-7253 **i05393102**

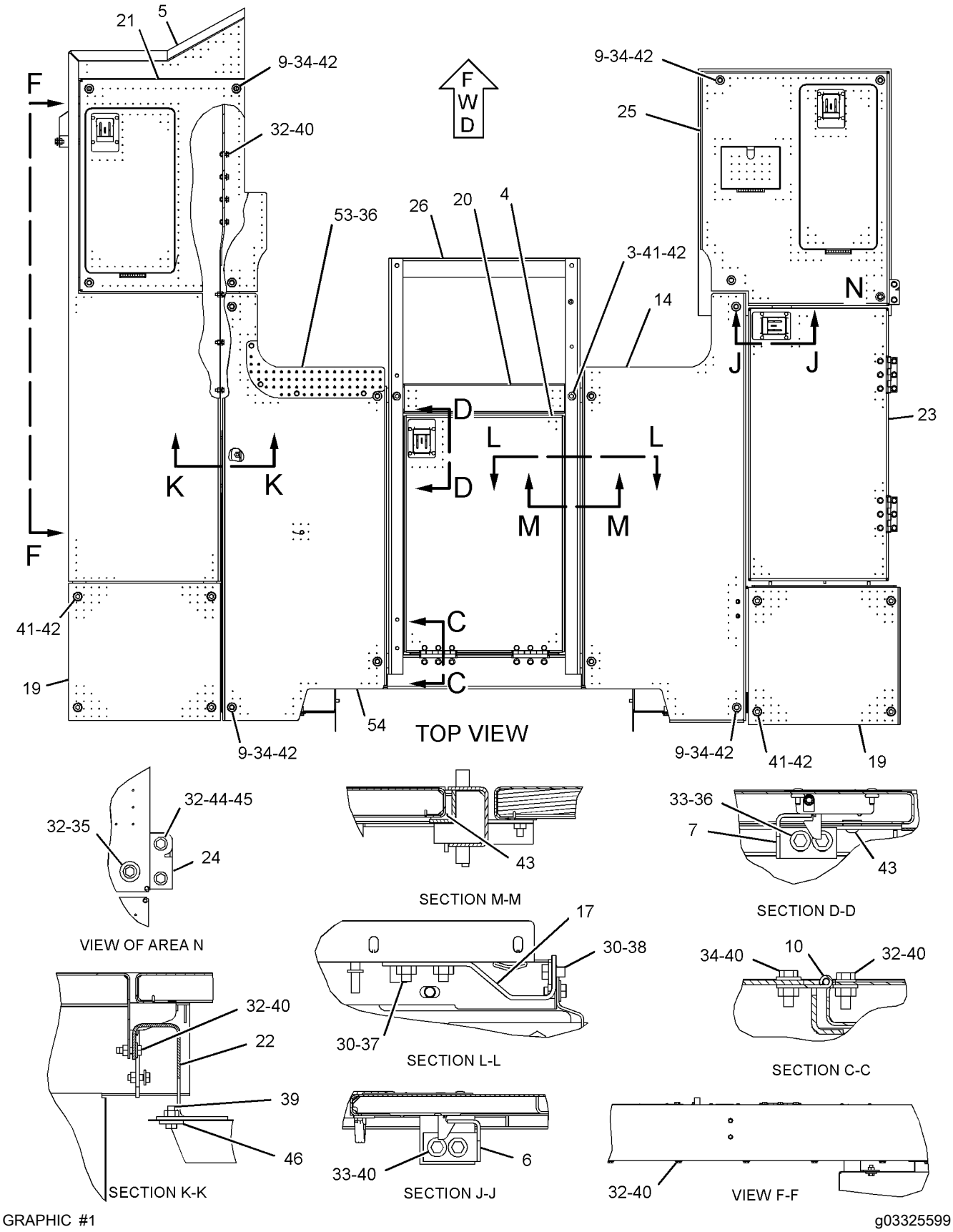
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**4E-4450**	1	ROD AS	
		2	**8T-4121**	3	WASHER-HARD (11X21X2.5-MM THK)	
	2	2	**4I-2187**	1	SUPPORT AS	
	3	1	**7V-0638**	2	SPACER (16X28X25-MM THK)	
	4	1	**9U-1107**	1	DOOR AS	
		1	**6V-2370**	4	RIVET-POP	
		1	**7X-2484**	1	LATCH-HANDLE	
	5	1	**268-5950**	1	COVER AS	
		1	**7I-4129**	2	BRACKET	
	6	1	**9U-1168**	1	BRACKET	
	7	1	**9U-1169**	1	BRACKET	
	8	2	**9U-1172**	1	PLATE	
	9	1	**092-3206**	15	SPACER (12.5X35X30-MM THK)	
	10	1,2	**119-1151**	4	HINGE AS	
	11	2	**194-8735**	1	PLATE AS	
D	12	2	**5P-7211**		SEAL (0.5-M)	
	14	1	**212-8788**	1	COVER AS	
	15	2	**221-7090**	1	GUARD AS	
	16	2	**357-7006**	1	GUARD AS	
		2	**7T-1099**	2	LINK	
M		2	**8T-3490**	3	NUT-WELD (M10X1.5-THD)	
M		2	**9R-2613**	1	BOSS-WELD (M10X1.5X25-MM)	
M		2	**110-2023**	1	STUD-WELD (M10X1.5X25-MM)	
	17	1	**221-7965**	1	BRACKET AS	
	18	2	**223-2443**	1	ANGLE AS	
	19	1	**228-8850**	2	FENDER AS	
	20	1	**231-0790**	1	CHANNEL AS	
Y	21	1	*231-0806*	1	PANEL GP-PLATFORM (TOP)	1312
	22	1	**231-0807**	1	BRACKET AS	
	23	1	**231-0820**	1	DOOR AS	
		1	**6V-2370**	4	RIVET-POP	
		1	**9X-2299**	1	LATCH AS	
	24	1	**266-2510**	1	BRACKET AS	
Y	25	1	*231-0825*	1	PLATFORM GP-OPERATOR	1323
	26	1	**231-0830**	1	FRAME AS	
	27	2	**095-0843**	1	PIN-COTTER	
	28	2	**096-3780**	1	PIN-CLEVIS	
	29	2	**3B-4611**	1	PIN-COTTER	
	30	1,2	**5P-1076**	22	WASHER-HARD (13.5X30X4-MM THK)	
	31	2	**5P-4116**	1	WASHER-HARD (8.8X20.5X2-MM THK)	
	32	1,2	**7X-7729**	43	WASHER (11X25X3-MM THK)	
	33	1,2	**8T-2561**	8	WASHER-HARD (10.5X28.5X5-MM THK)	
C	34	1,2	**8T-4121**	26	WASHER-HARD (11X21X2.5-MM THK)	
M	35	1,2	**8T-4136**	13	BOLT (M10X1.5X25-MM)	
CM	36	1,2	**8T-4137**	8	BOLT (M10X1.5X20-MM)	
M	37	1,2	**8T-4139**	14	BOLT (M12X1.75X30-MM)	
M	38	1,2	**8T-4179**	5	BOLT (M12X1.75X20-MM)	
M	39	1,2	**8T-4186**	4	BOLT (M10X1.5X40-MM)	

234-4920 **PLATFORM GP-OPERATOR (**contd.**)** **i05393102**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	40	1,2	**8T-4195**	34	BOLT (M10X1.5X30-MM)	
	41	1	**8T-4222**	10	WASHER-PLATED (11X32X2.5-MM THK)	
M	42	1	**8T-6466**	25	BOLT (M10X1.5X60-MM)	
	43	1	**2V-3726**	4	BUMPER	
	44	1	**122-5855**	2	SPACER (11.5X20X26-MM THK)	
M	45	1	**8T-4185**	2	BOLT (M10X1.5X50-MM)	
	46	1	**7X-0618**	1	WASHER-HARD (13.5X40X5-MM THK)	
M	47	2	**8T-4192**	4	BOLT (M12X1.75X25-MM)	
	49	2	**220-6076**	1	BRACKET AS	
	52	2	**357-7007**	1	SHEET	
C	53	1	**221-3992**	1	PLATE	
C	54	1	**221-3990**	1	COVER AS	

C - CHANGE FROM PREVIOUS TYPE
D - ORDER BY THE METER
M - METRIC PART
Y - SEPARATE ILLUSTRATION

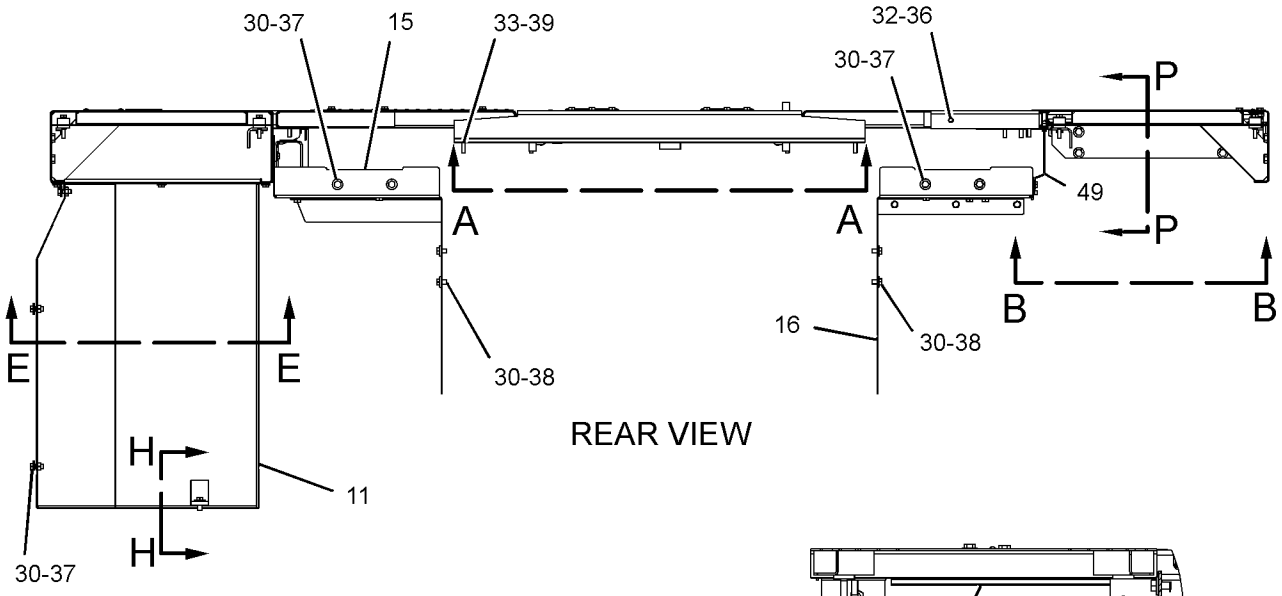
234-4920 **PLATFORM GP-OPERATOR** (contd.) **i05393102**



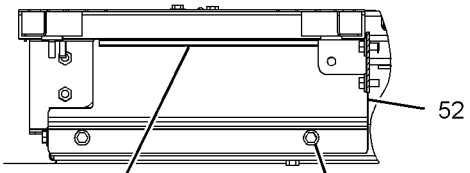
GRAPHIC #1

g03325599

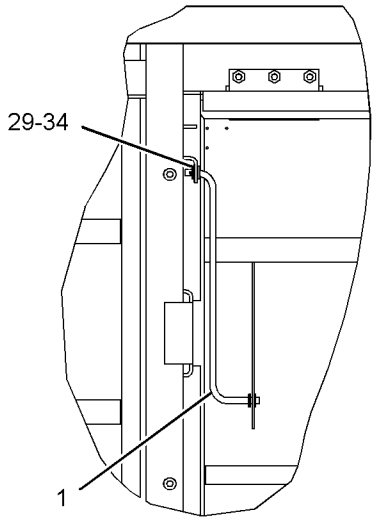
234-4920 **PLATFORM GP-OPERATOR (**contd.**)** **i05393102**



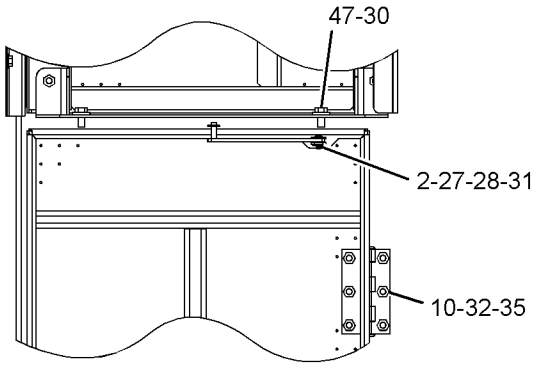
REAR VIEW



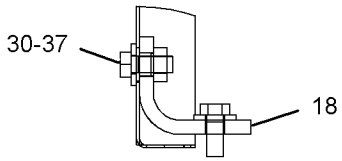
SECTION P-P



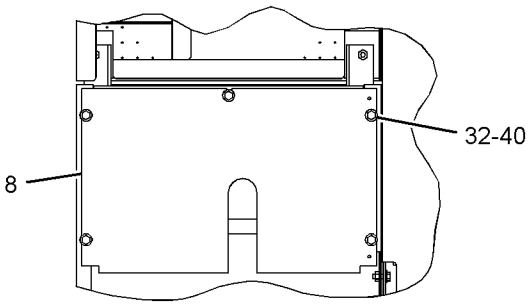
VIEW A-A



VIEW B-B



SECTION H-H



SECTION E-E

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

GRAPHIC #2 <END> g03325600

242-0340 PLATFORM GP-OPERATOR

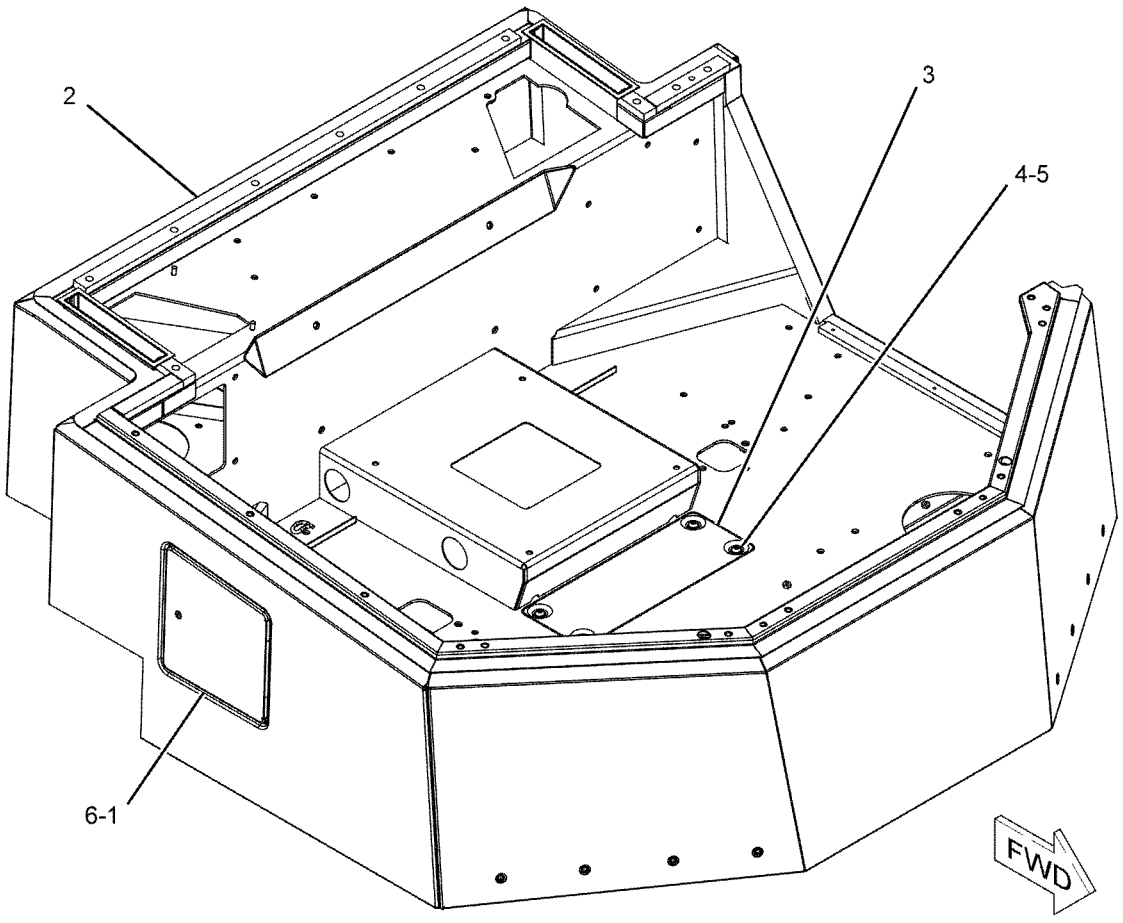
S/N: BTW1-UP

PART OF 267-5292 CAB & PLATFORM GP

SMCS-7253 **i02458828**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-8995**	1	DOOR AS	
		1	**6W-8906**	1	LATCH AS	
		1	**8R-6128**	1	HINGE	
	2	1	**242-2527**	1	PLATFORM AS	
	3	1	**250-1812**	1	PANEL-ACCESS	
	4	1	**5P-4116**	4	WASHER-HARD (8.8X20.5X2-MM THK)	
M	5	1	**7Y-9099**	4	SCREW-TRUSS HEAD (M8X1.25X25-MM)	
M	6	1	**9X-2042**	2	SCREW-TRUSS HEAD (M6X1X12-MM)	

M - METRIC PART



GRAPHIC #1 <END> g01091224

242-0340 PLATFORM GP-OPERATOR

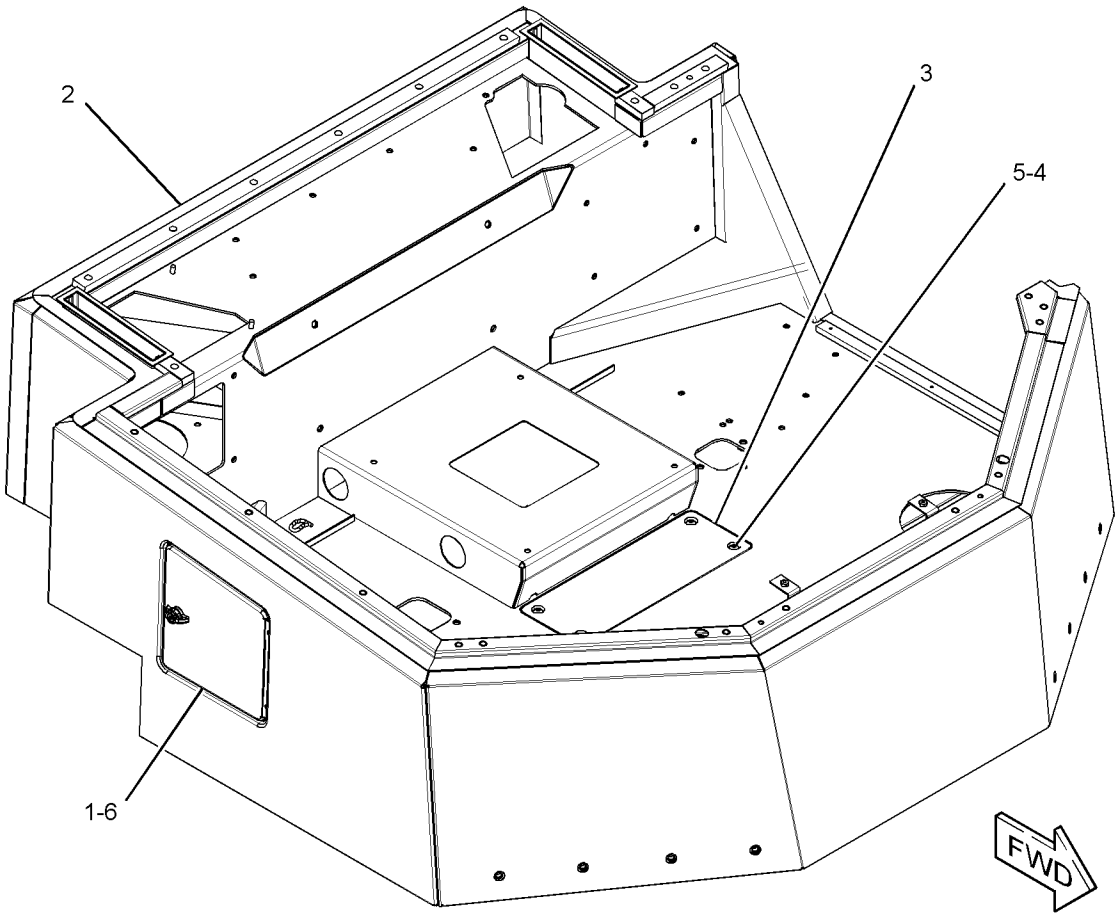
S/N: BTW1-UP

PART OF 267-5292, 272-3384 CAB & PLATFORM GP

SMCS-7253 **i03962251**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
CJ	1	1	**344-3784**	1	DOOR AS-ACCESS	
		1	**275-0572**	1	LATCH AS	
		1	**8R-6128**	1	HINGE	
	2	1	**242-2527**	1	PLATFORM AS	
	3	1	**250-1812**	1	PANEL-ACCESS	
	4	1	**5P-4116**	4	WASHER-HARD (8.8X20.5X2-MM THK)	
M	5	1	**7Y-9099**	4	SCREW-TRUSS HEAD (M8X1.25X25-MM)	
M	6	1	**9X-2042**	2	SCREW-TRUSS HEAD (M6X1X12-MM)	

C - CHANGE FROM PREVIOUS TYPE
J - REQUIRES CORPORATE KEY
M - METRIC PART



GRAPHIC #1 <END> g02159295

258-0959 PRECLEANER AR-CAB AIR

S/N: BTW1-UP

PART OF 353-4013 OPTION AR-CAB, 353-4003 OPTION AR-MACHINE

SMCS-7311, 7342

i02154890

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*232-2597*	1	PRECLEANER GP-CAB AIR	1334

Y - SEPARATE ILLUSTRATION

<END>

232-2597 PRECLEANER GP-CAB AIR

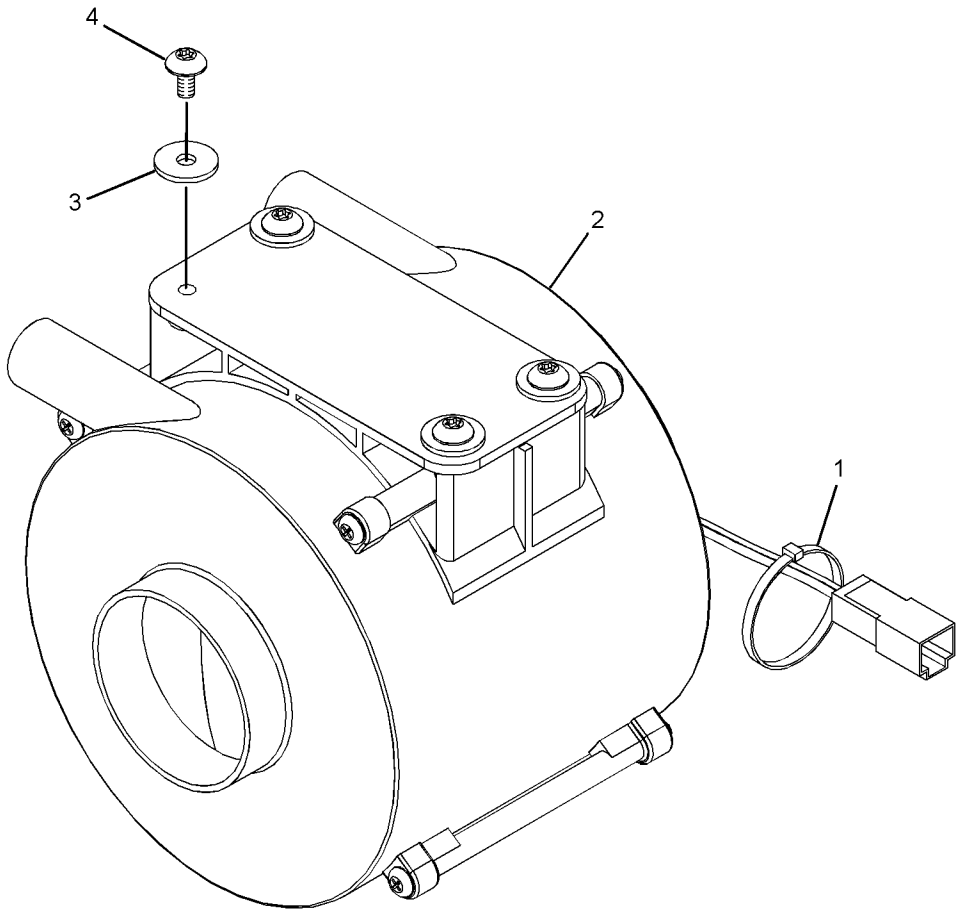
S/N: BTW1-UP

PART OF 258-0959 PRECLEANER AR-CAB AIR

SMCS-7311, 7316 **i02888144**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3S-2093**	1	STRAP-CABLE	
	2	1	**201-3300**	1	MOTOR GP-BLOWER (CAB AIR)	
		1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	**186-3735**	2	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	**197-1932**	1	MOTOR AS-BLOWER (24-VOLT, CAB AIR)	
	3	1	**117-8929**	4	WASHER (6.6X22X2-MM THK)	
M	4	1	**9X-2042**	4	SCREW-TRUSS HEAD (M6X1X12-MM)	

M - METRIC PART



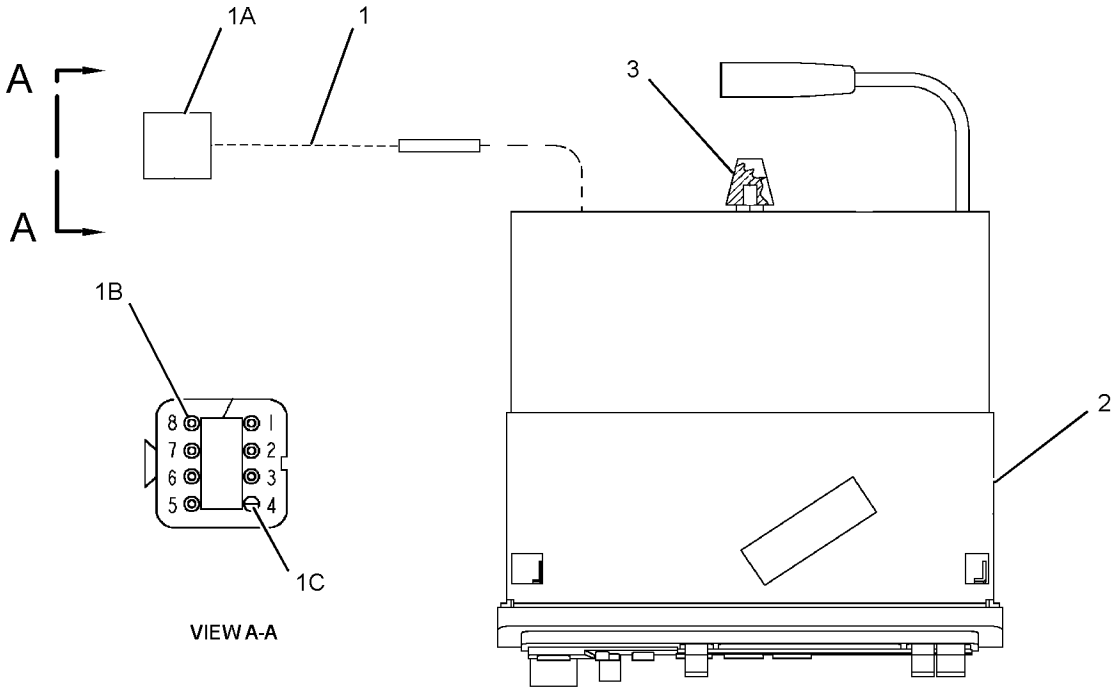
GRAPHIC #1 <END> g01440017

173-6532 RADIO GP–AM/FM CASSETTE

S/N: BTW1-UP
12-VOLT, US
PART OF 227-9981 RADIO GP

SMCS-7338 **i03847410**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**186-2741**	1	HARNESS AS-RADIO (SPEAKERS)	
	1A	1	**102-8806**	1	KIT-RECEPTACLE (8-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	1B	1	**8T-8729**	7	PIN-CONNECTOR (16-GA TO 18-GA)	
	1C	1	**8T-8737**	1	PLUG-SEAL	
	2	1	**192-7054**	1	SLEEVE	
	3	1	**137-8165**	1	BUMPER	



VIEW A-A

GRAPHIC #1 <END> g02094553

200-5729 RADIO GP–AM/FM/WB

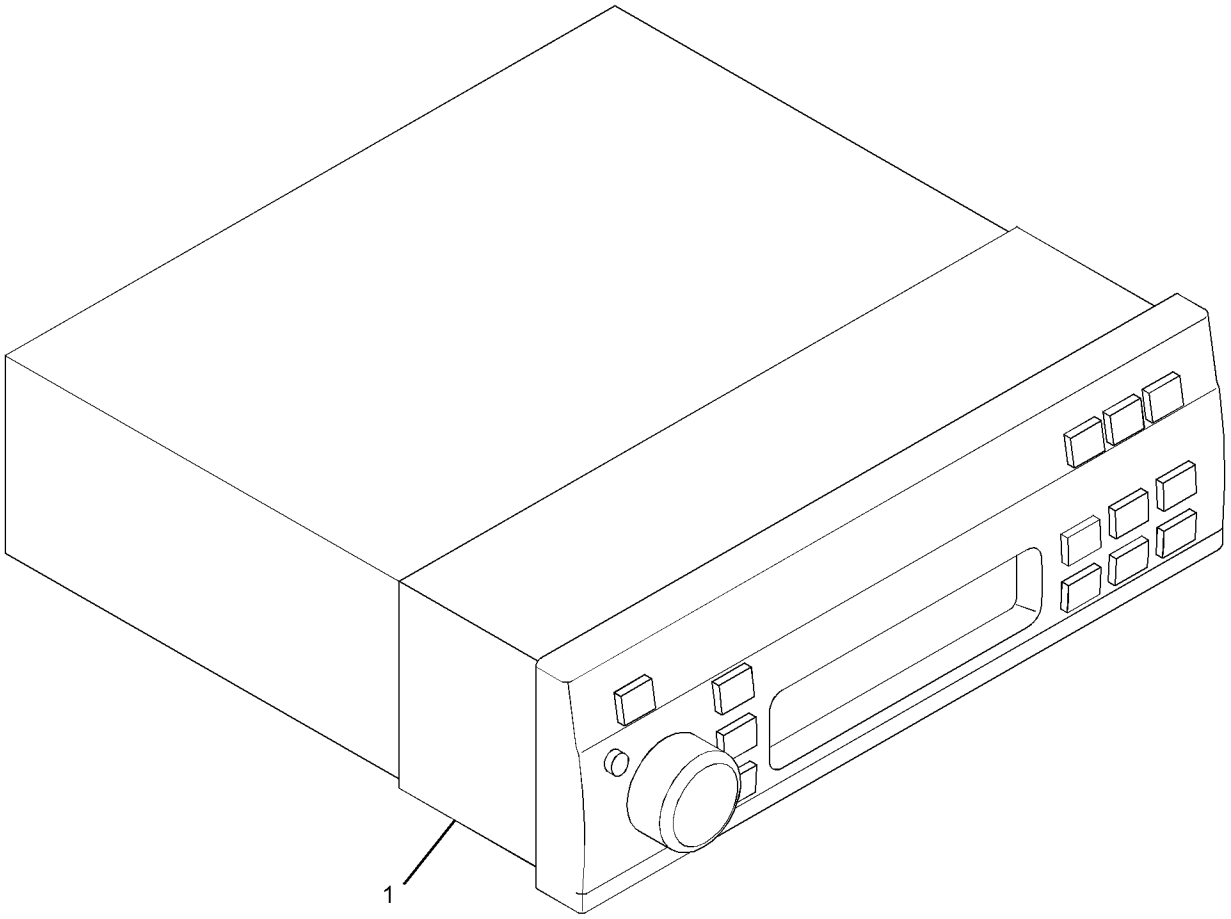
S/N: BTW1-185

FIELD REPLACEMENT ORDER 331-5292–PAGE: 1346

PART OF 288-1743 RADIO GP

SMCS-7338 **i03503821**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**192-7054**	1	SLEEVE	



GRAPHIC #1 <END> g01846295

227-9981 RADIO GP—AM/FM CASSETTE

S/N: BTW1-UP

SMCS-7338 **i02275801**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	**173-6532**	1	RADIO GP (AM/FM CASSETTE)	1335

Y - SEPARATE ILLUSTRATION

<END>

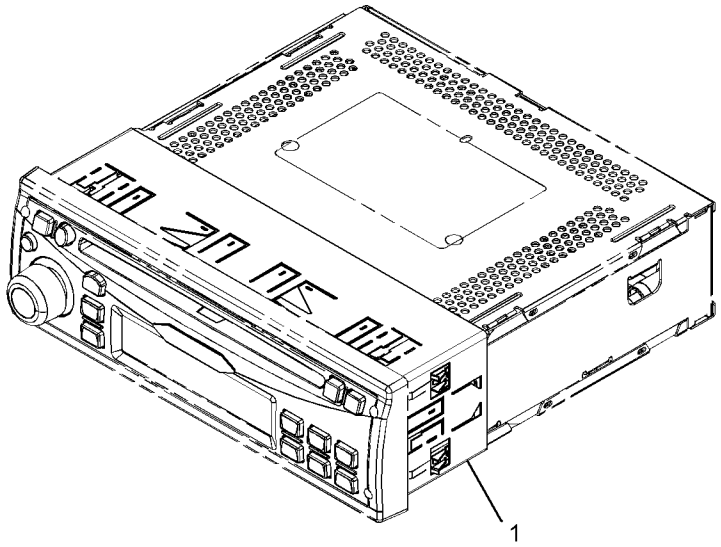
241-4936 RADIO GP–AM/FM/WB/CD PLAYER

S/N: BTW1-UP

PART OF 288-1744 RADIO GP

SMCS-7338 **i03466483**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**192-7054**	1	SLEEVE	



GRAPHIC #1 <END> g01813873

248-4152 RADIO GP—AM/FM/WB/CD PLAYER

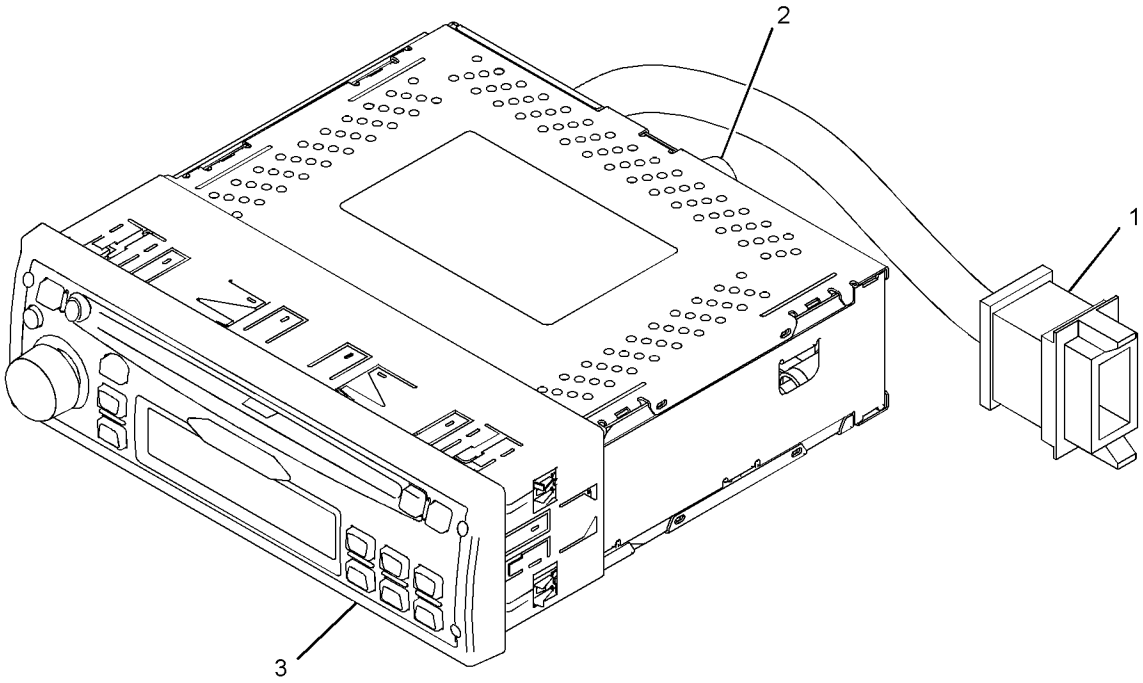
S/N: BTW1-UP

PART OF 284-4739 RADIO GP

SMCS-7338 **i05761799**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**200-5728**	1	HARNESS AS-RADIO (FLANGE) (AM/FM)	387
	2	1	**241-4939**	1	BUSHING	
	3	1	**439-1562**	1	RADIO GP (AM/FM/USB/BLUETOOTH)	

Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g03656633

284-4739 RADIO GP–AM/FM/WB/CD PLAYER

S/N: BTW1-UP

SMCS-7338 **i02515133**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*248-4152*	1	RADIO GP (AM/FM/WB/CD PLAYER)	1339

Y - SEPARATE ILLUSTRATION

<END>

288-1743 RADIO GP–AM/FM/WB

S/N: BTW1-UP

SMCS-7338 **i05899415**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	**200-5729**	1	RADIO GP (AM/FM/WB)	1336
			–OR–	
Y	**331-5292**	1	RADIO GP (AM/FM/WB)	1346
			–OR–	
Y	**439-1561**	1	RADIO GP (AM/FM/WB)	1348
	200-5728	1	HARNESS AS-RADIO (FLANGE)	
	160-3518	1	KIT-RECEPTACLE (8-PIN)	
			(INCLUDES RECEPTACLE AS & WEDGE)	
	8T-8737	1	PLUG-SEAL	
	172-8037	1	CONNECTOR (RADIO)	
	172-8039	11	TERMINAL (RADIO)	
	186-3735	7	PIN-CONNECTOR (16-GA TO 18-GA)	
	136-5490	1	BUSHING (RADIO MOUNT)	

Y - SEPARATE ILLUSTRATION

<END>

288-1744 RADIO GP–AM/FM/WB

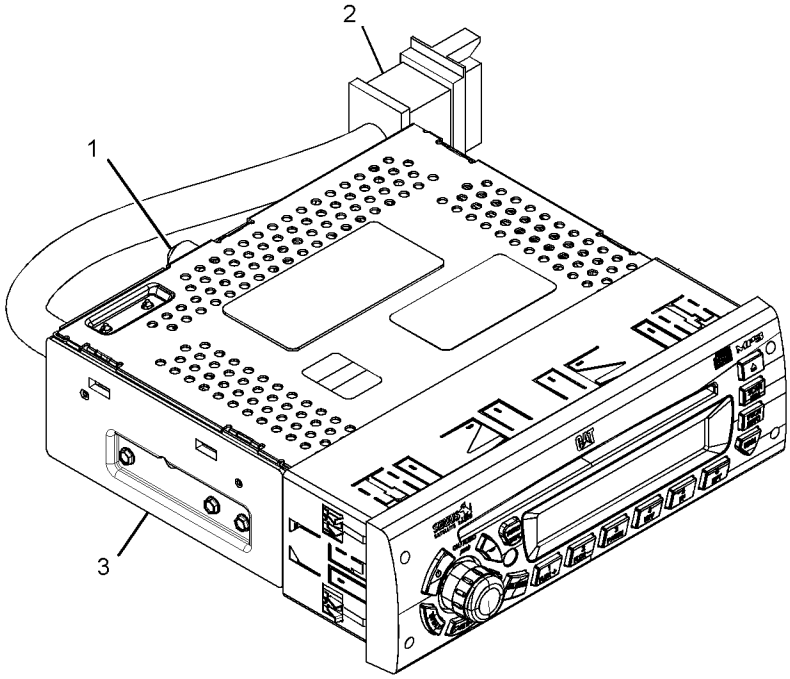
S/N: BTW1-UP

TYPE 1

SMCS-7338 **i03647955**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**136-5490**	1	BUSHING (RADIO MOUNT)	
	2	1	**200-5728**	1	HARNESS AS-RADIO (FLANGE)	
		1	**172-8037**	1	CONNECTOR (RADIO)	
		1	**186-3735**	7	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	**8T-8737**	1	PLUG-SEAL	
		1	**160-3518**	1	KIT-RECEPTACLE (8-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	**172-8039**	11	TERMINAL (RADIO)	
Y	3	1	*241-4936*	1	RADIO GP (AM/FM/WB/CD PLAYER)	1338

Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g01958475

288-1744 RADIO GP–AM/FM/WB

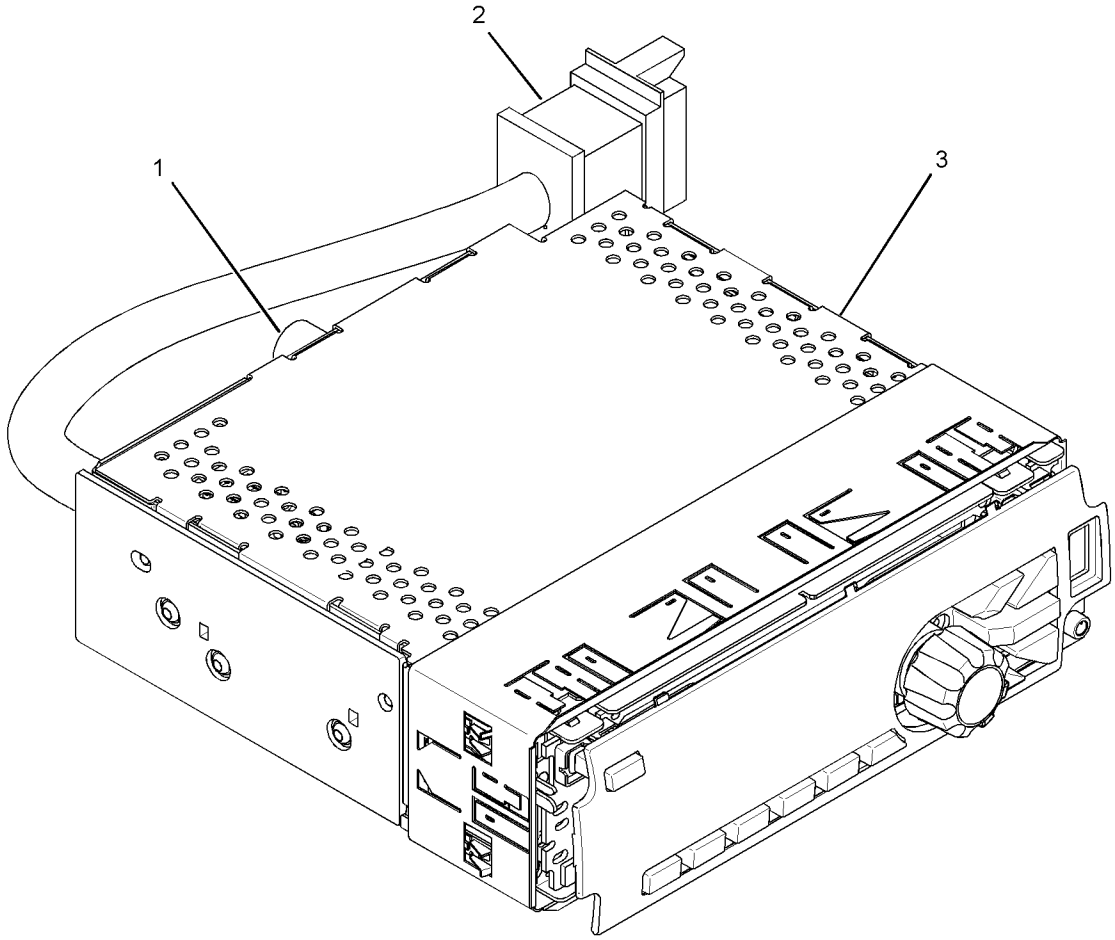
S/N: BTW1-UP

TYPE 2

SMCS-7338 **i05549296**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**136-5490**	1	BUSHING (RADIO MOUNT)	
Y	2	1	**200-5728**	1	HARNESS AS-RADIO (FLANGE)	387
C	3	1	**439-1562**	1	RADIO GP (AM/FM/USB/BLUETOOTH)	

C - CHANGE FROM PREVIOUS TYPE
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g03642199

288-1745 RADIO GP—AM/FM/CD PLAYER

S/N: BTW1-UP

SMCS-7338 **i02629832**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	136-5490	1	BUSHING (RADIO MOUNT)	
	200-5728	1	HARNESS AS-RADIO (FLANGE)	
	160-3518	1	KIT-RECEPTACLE (8-PIN)	
			(INCLUDES RECEPTACLE AS & WEDGE)	
	169-6326	1	RADIO GP (AM/FM RADIO, CD PLAYER)	
	142-9681	1	KNOB-SELECT	
	192-7054	1	SLEEVE	
			<END>	

331-5291 RADIO GP–AM/FM/WB/CD PLAYER

S/N: BTW1-UP

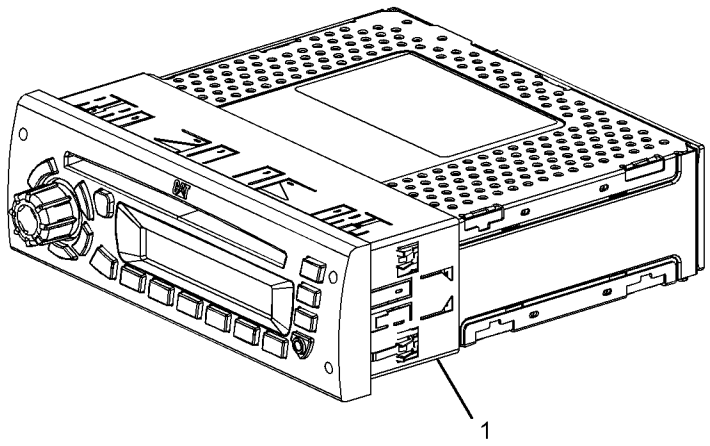
OPTIONAL FIELD REPLACEMENT ORDER 331-5292–PAGE: 1346

FOR USE WITH INSTALLATION GP-RADIO

TYPE 1

SMCS-7338 **i04931676**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**192-7054**	1	SLEEVE	



GRAPHIC #1 <END> g01813033

331-5291 RADIO GP—AM/FM/WB/CD PLAYER

S/N: BTW1-UP

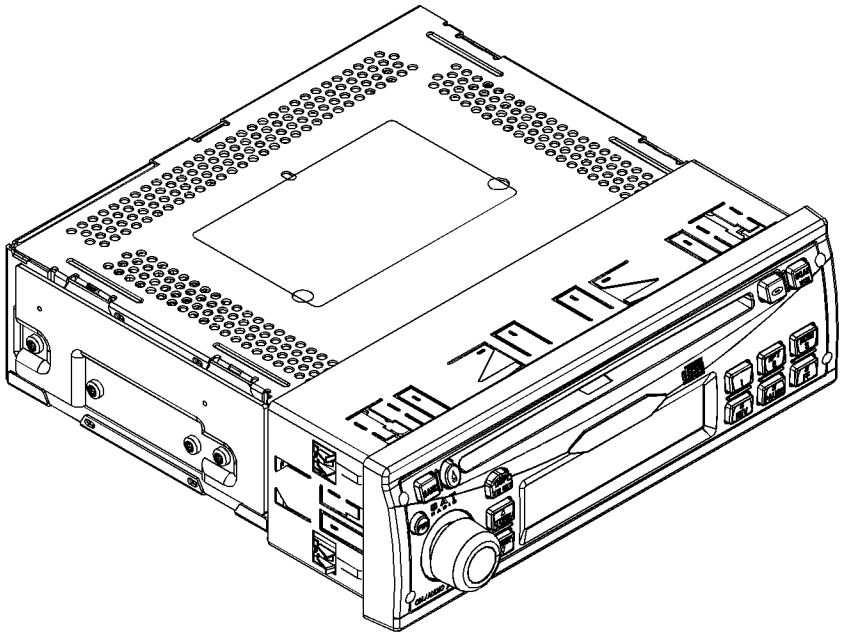
OPTIONAL FIELD REPLACEMENT ORDER 331-5292—PAGE: 1346

FOR USE WITH INSTALLATION GP-RADIO

TYPE 2

SMCS-7338 **i04931673**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
					(NO SERVICED PARTS)	



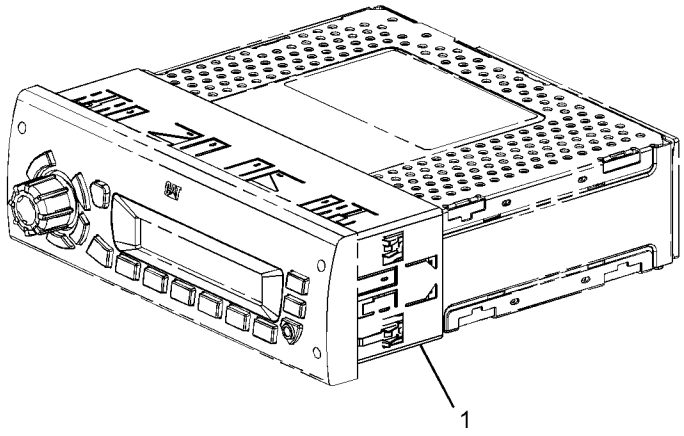
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331-5292 RADIO GP–AM/FM/WB

S/N: BTW1-UP
FIELD REPLACEMENT ORDER 439-1561 RADIO GP
FIELD REPLACEMENT FOR 200-5729–PAGE: 1336, 331-5291–PAGE: 1344
FOR USE WITH INSTALLATION GP-RADIO
PART OF 288-1743 RADIO GP

SMCS-7338 **i03466464**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**192-7054**	1	SLEEVE	



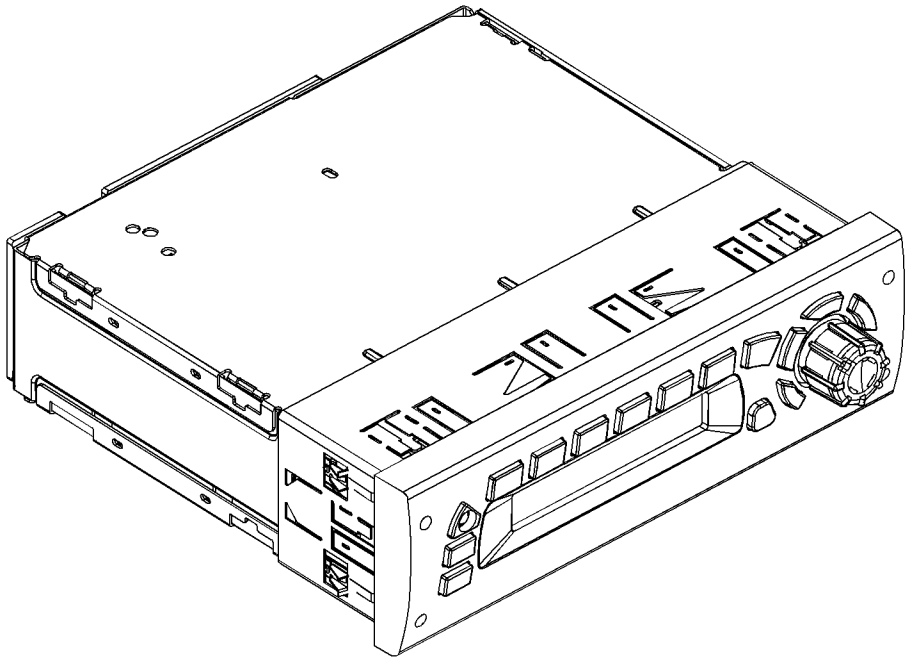
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331-5292 RADIO GP–AM/FM/WB

S/N: BTW1-UP
FIELD REPLACEMENT ORDER 439-1561 RADIO GP
FIELD REPLACEMENT FOR 200-5729–PAGE: 1336, 331-5291–PAGE: 1344
FOR USE WITH INSTALLATION GP-RADIO
PART OF 288-1743 RADIO GP

SMCS-7338 **i04395743**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
					(NO SERVICED PARTS)	



GRAPHIC #1 <END> g02581357

439-1561 RADIO GP–AM/FM/WB

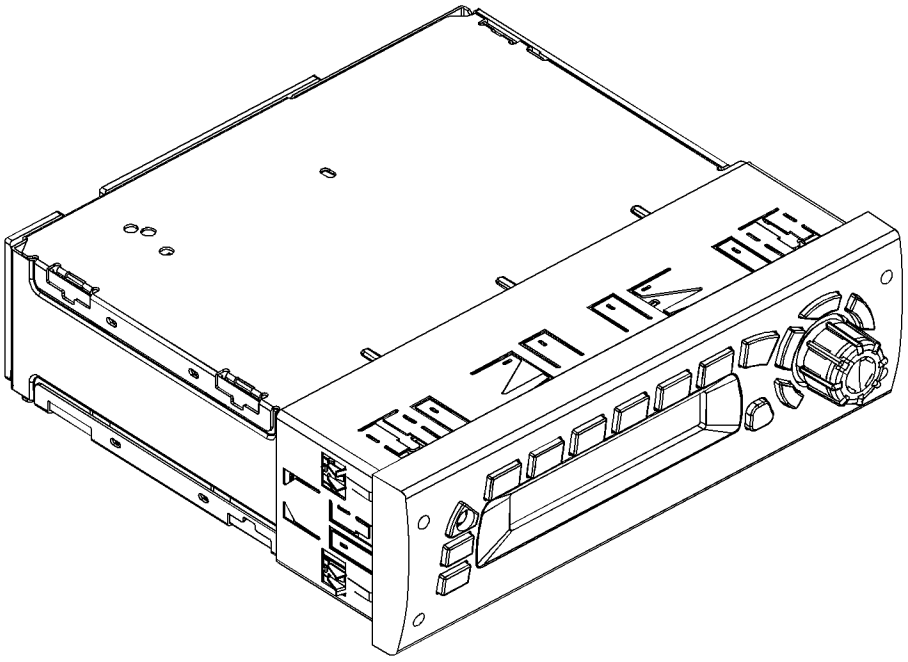
S/N: BTW1-UP

PART OF 288-1743 RADIO GP

SMCS-7338 **i06095389**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE

(NO SERVICED PARTS)



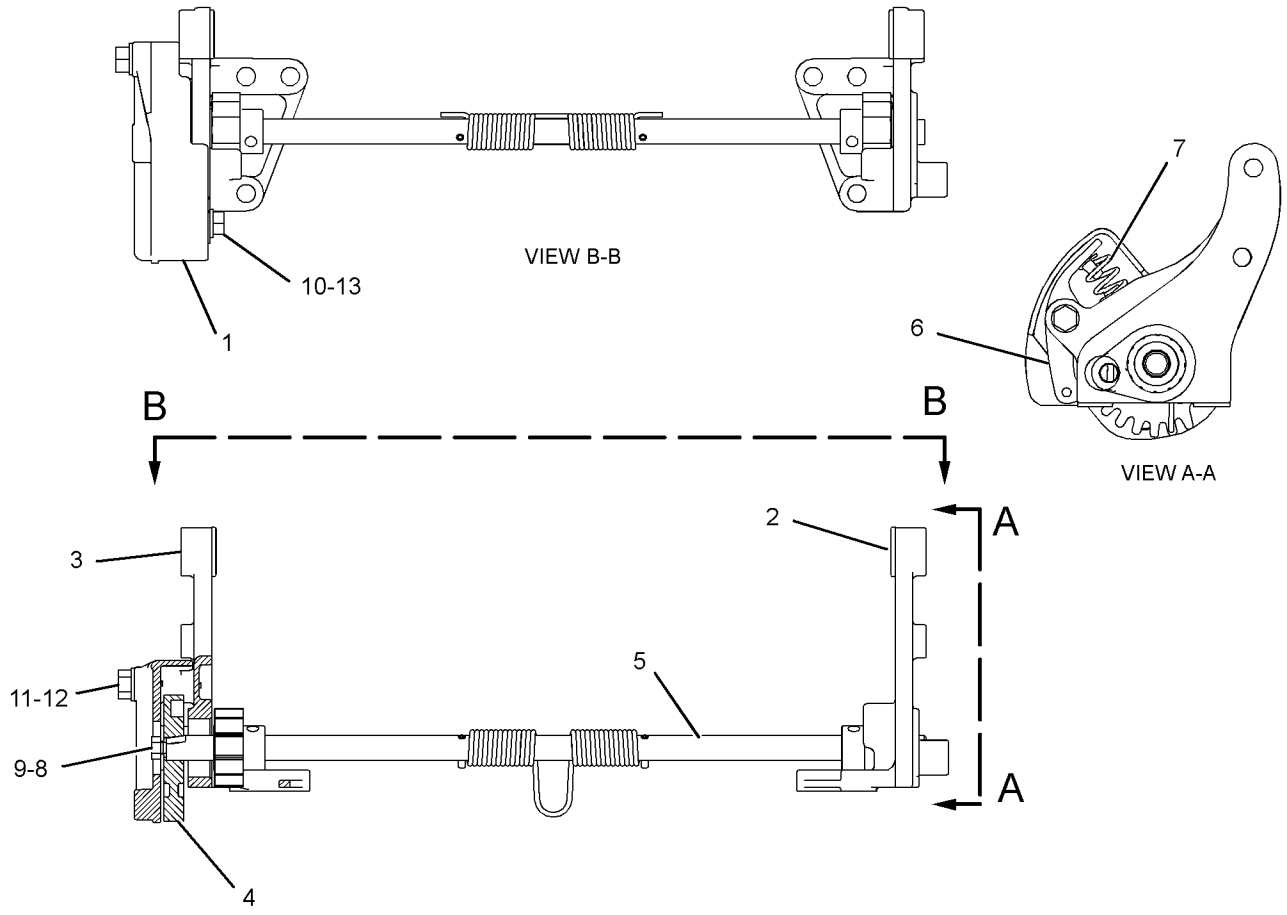
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210-2270 RECLINER GP-SEAT

S/N: BTW1-UP
27.5 DEGREE
PART OF 178-7910 SEAT GP

SMCS-7312 **i07139559**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**177-1862**	1	BRACKET (SEAT BELT)	
	2	1	**210-2262**	1	BRACKET AS	
	3	1	**210-2263**	1	BRACKET AS	
	4	1	**210-2266**	1	GEAR-LOCK (14-TEETH)	
	5	1	**293-2911**	1	SHAFT AS	
		1	**2L-5893**	2	PIN-SPRING	
		1	**170-8590**	1	SPRING	
	6	1	**217-7933**	1	LATCH	
	7	1	**236-5197**	1	SPRING	
	8	1	**031-0214**	1	BOLT-LOCKING (1/4-20X0.5-IN)	
	9	1	**101-2867**	1	WASHER-HARD (7.2X25X2-MM THK)	
	10	1	**4M-6425**	1	BOLT (5/16-18X1-IN)	
	11	1	**5M-2894**	1	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	12	1	**5S-7383**	1	BOLT (3/8-16X1.75-IN)	
	13	1	**8T-4224**	1	WASHER-HARD (8.8X16X2-MM THK)	



GRAPHIC #1 <END> g01296294

247-3067 ROPS AR

S/N: BTW1-UP

PART OF 230-3275 CHASSIS AR

SMCS-7323 **i02612970**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*8R-5537*	1	ROPS GP	1351
Y	*266-7697*	1	WIRING GP-ROPS	652

Y - SEPARATE ILLUSTRATION

<END>

8R-5537 ROPS GP

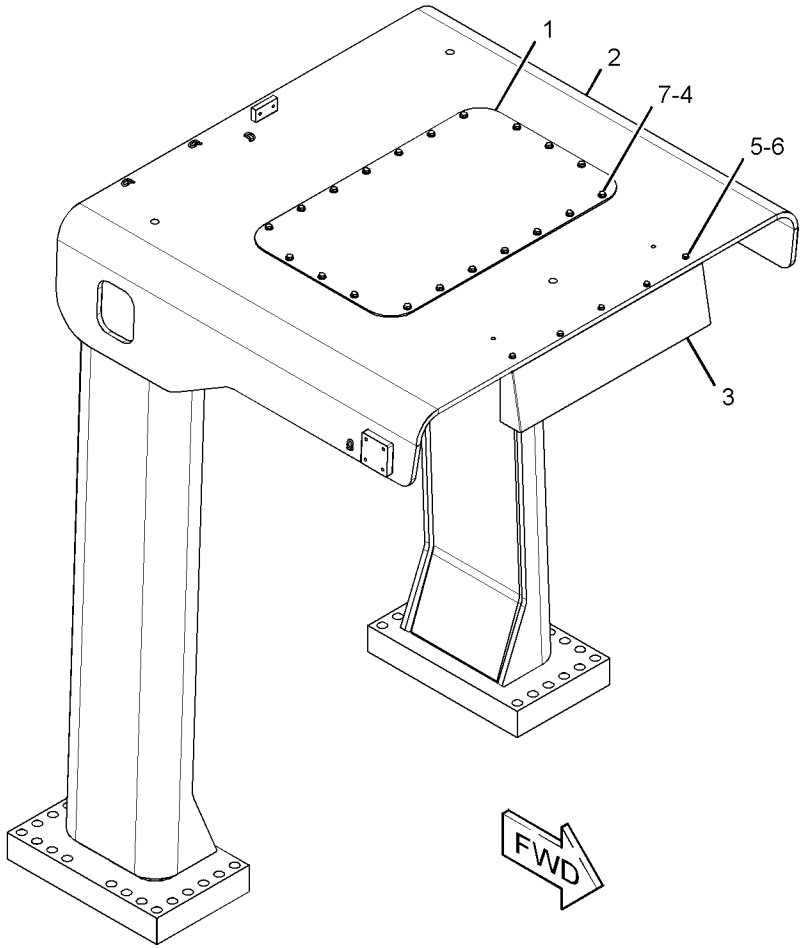
S/N: BTW1-UP

PART OF 247-3067 ROPS AR

SMCS-7323 **i02661639**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-5662**	1	PLATE	
	2	1	**4E-5663**	1	CANOPY AS	
	3	1	**9U-3663**	1	PLATE AS	
M		1	**8T-3490**	5	NUT-WELD (M10X1.5-THD)	
	4	1	**5P-8245**	20	WASHER-HARD (13.5X25.5X3-MM THK)	
M	5	1	**6V-3822**	5	BOLT (M10X1.5X35-MM)	
	6	1	**6V-5839**	5	WASHER (11X21X2.5-MM THK)	
M	7	1	**6V-8675**	20	BOLT (M12X1.75X35-MM)	

M - METRIC PART



GRAPHIC #1 <END> g01375016

266-5836 SCREEN GP-SUN

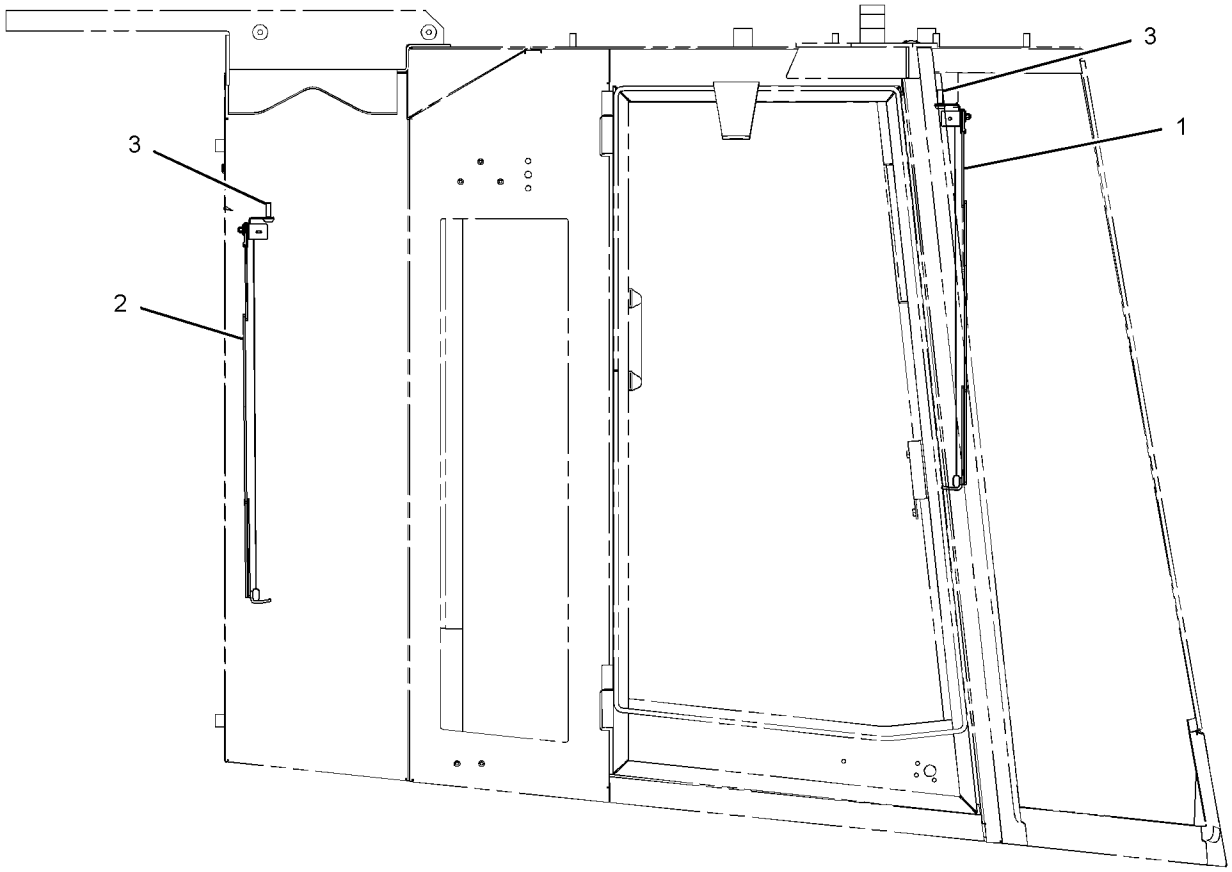
S/N: BTW1-UP

PART OF 353-4013 OPTION AR-CAB, 353-4003 OPTION AR-MACHINE

SMCS-7165 **i02424282**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**266-4293**	1	SCREEN AS-CAB (FRONT)	
	2	1	**266-4296**	1	SCREEN AS-CAB (REAR)	
M	3	1	**7Y-9099**	4	SCREW-TRUSS HEAD (M8X1.25X25-MM)	

M - METRIC PART



RIGHT SIDE VIEW

GRAPHIC #1 <END> g01214514

OPERATOR STATION

117-1410 SEALING GP-GLASS

S/N: BTW1-UP

PART OF 234-5964, 281-4121 CAB AR

SMCS-7310, 7340

i02737077

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
B	**311-3898**	1	ADHESIVE	

B - USE AS REQUIRED

<END>

178-7910 SEAT GP—CLOTH

S/N: BTW1-UP

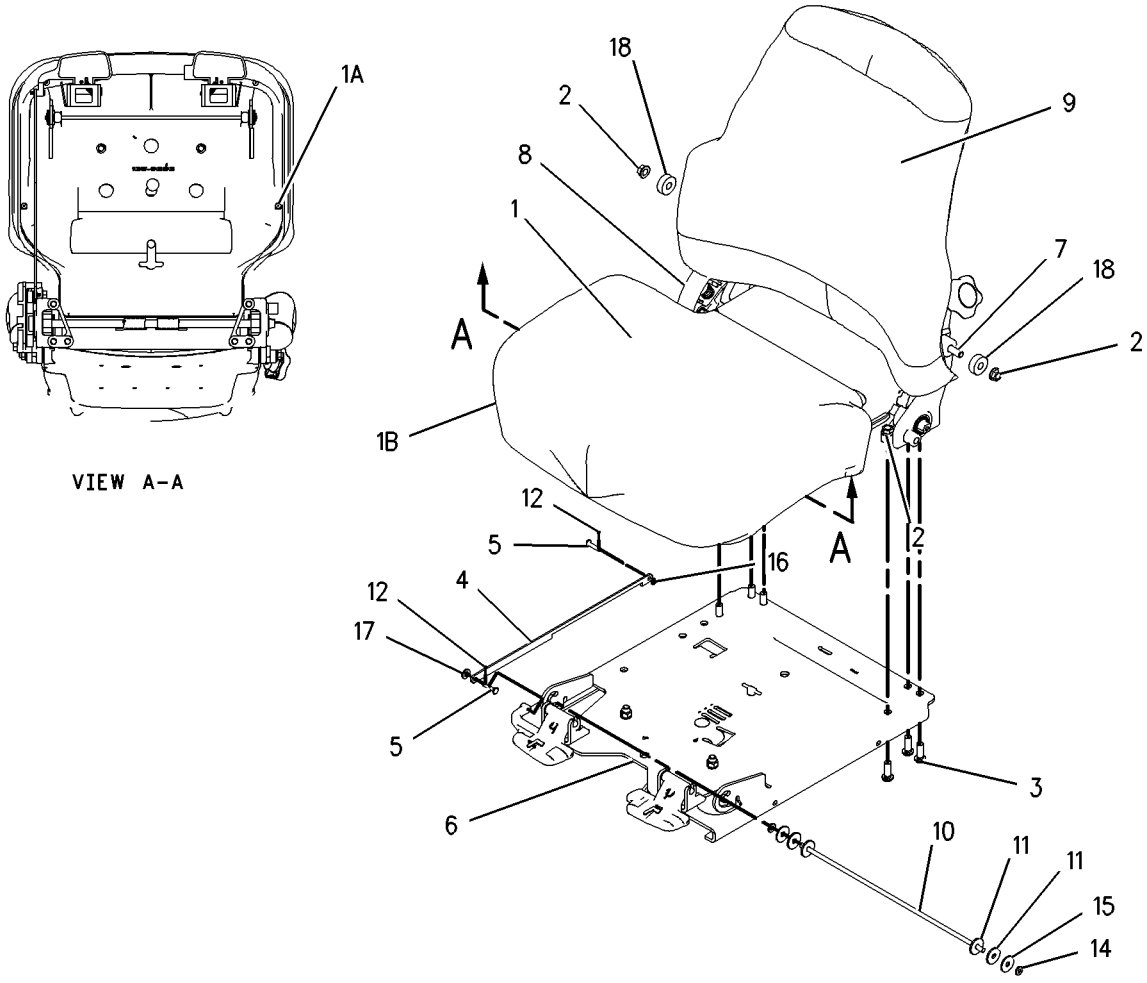
PART OF 185-9726 SEAT GP

SMCS-7312 **i07171535**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**218-0861**	1	PAN AS	
	1A	1	**8T-9082**	5	RIVET-POP	
	1B	1	**217-9049**	1	CUSHION AS	
	2	1	**143-1288**	8	LOCKNUT-FLANGE (3/8-16-THD)	
	3	1	**171-1230**	6	SCREW-BUTTON HEAD (3/8-16X1-IN)	
	4	1	**171-6682**	1	BAR	
	5	1	**172-2416**	2	PIN	
Y	6	1	*173-1028*	1	ADJUSTER GP-SEAT	1207
	7	1	**177-1863**	2	BOLT-PIVOT (3/8-16X2.89-IN)	
CY	8	1	*210-2270*	1	RECLINER GP-SEAT	1349
Y	9	1	*178-7911*	1	PAN GP-BACKREST	1307
	10	1	**184-2298**	1	ROD	
	11	1	**184-2299**	4	WASHER (7X25.4X2.54-MM THK)	
	12	1	**095-0843**	2	PIN-COTTER	
	14	1	**5V-1496**	2	RETAINER	
	15	1	**6V-7646**	2	WASHER-HARD (7.2X25X2-MM THK)	
	16	1	**8T-0328**	1	WASHER-HARD (5.5X10X1-MM THK)	
	17	1	**8T-4205**	1	WASHER-HARD (7.2X14.5X2-MM THK)	
	18	1	**8Y-6277**	2	SPACER (10.5X28.6X10-MM THK)	

C - CHANGE FROM PREVIOUS TYPE
Y - SEPARATE ILLUSTRATION

178-7910 **SEAT GP** (contd.) **i07171535**



GRAPHIC #1 <END> g00739610

178-7910 SEAT GP—CLOTH

S/N: BTW1-UP

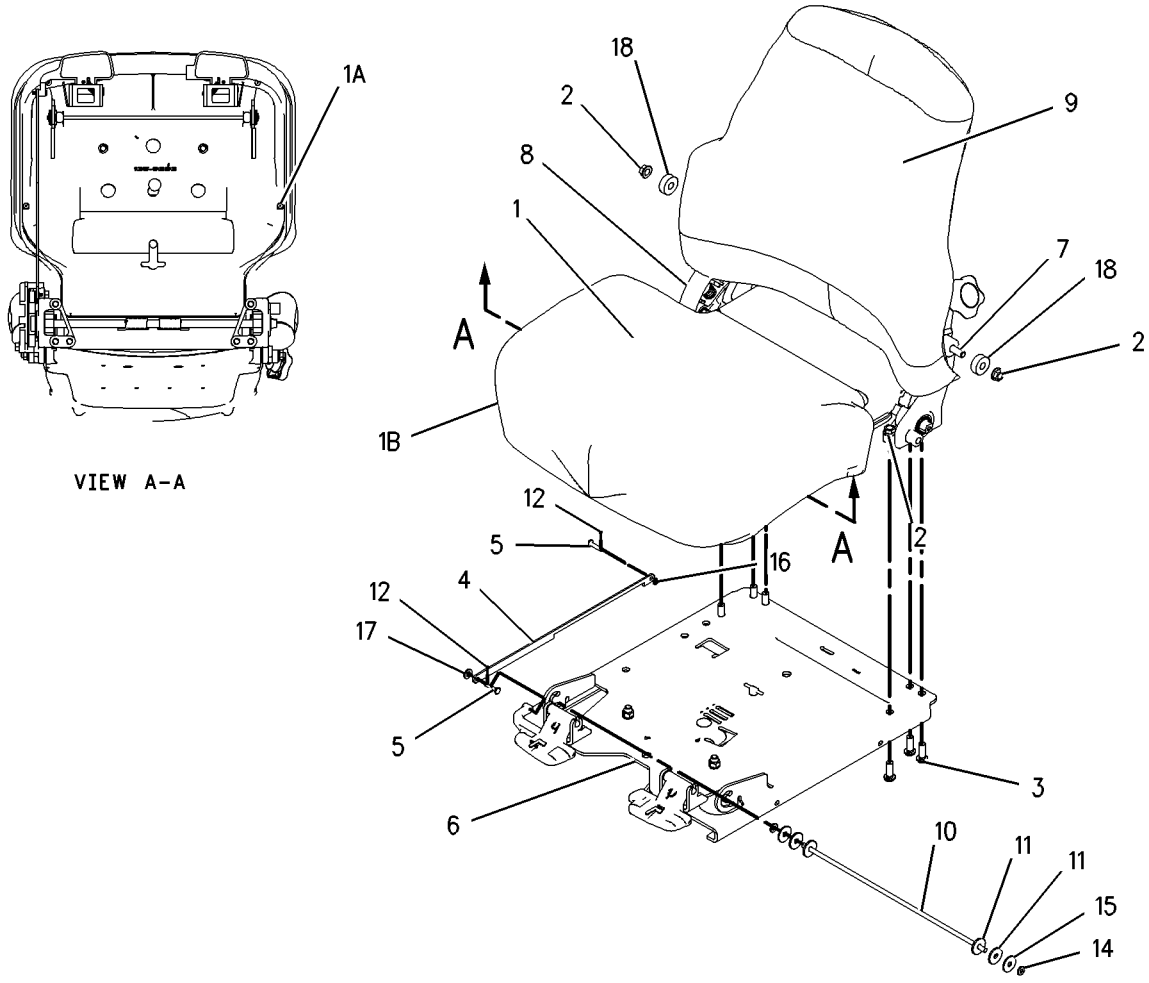
PART OF 185-9726 SEAT GP

SMCS-7312 **i03413202**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**218-0861**	1	PAN AS	
	1A	1	**8T-9082**	5	RIVET-POP	
	1B	1	**217-9049**	1	CUSHION AS	
	2	1	**143-1288**	8	LOCKNUT-FLANGE (3/8-16-THD)	
	3	1	**171-1230**	6	SCREW-BUTTON HEAD (3/8-16X1-IN)	
	4	1	**171-6682**	1	BAR	
	5	1	**172-2416**	2	PIN	
Y	6	1	*173-1028*	1	ADJUSTER GP-SEAT	1207
	7	1	**177-1863**	2	BOLT-PIVOT (3/8-16X2.89-IN)	
Y	8	1	*210-2270*	1	RECLINER GP-SEAT	1349
CY	9	1	*292-9241*	1	PAN GP-BACKREST	1308
	10	1	**184-2298**	1	ROD	
	11	1	**184-2299**	4	WASHER (7X25.4X2.54-MM THK)	
	12	1	**095-0843**	2	PIN-COTTER	
	14	1	**5V-1496**	2	RETAINER	
	15	1	**6V-7646**	2	WASHER-HARD (7.2X25X2-MM THK)	
	16	1	**8T-0328**	1	WASHER-HARD (5.5X10X1-MM THK)	
	17	1	**8T-4205**	1	WASHER-HARD (7.2X14.5X2-MM THK)	
C	18	1	**294-5042**	2	SPACER (11.1X19.5X9.67-MM THK)	

C - CHANGE FROM PREVIOUS TYPE
Y - SEPARATE ILLUSTRATION

178-7910 **SEAT GP** (contd.) **i03413202**



GRAPHIC #1 <END> g00739610

185-9726 SEAT GP–CLOTH

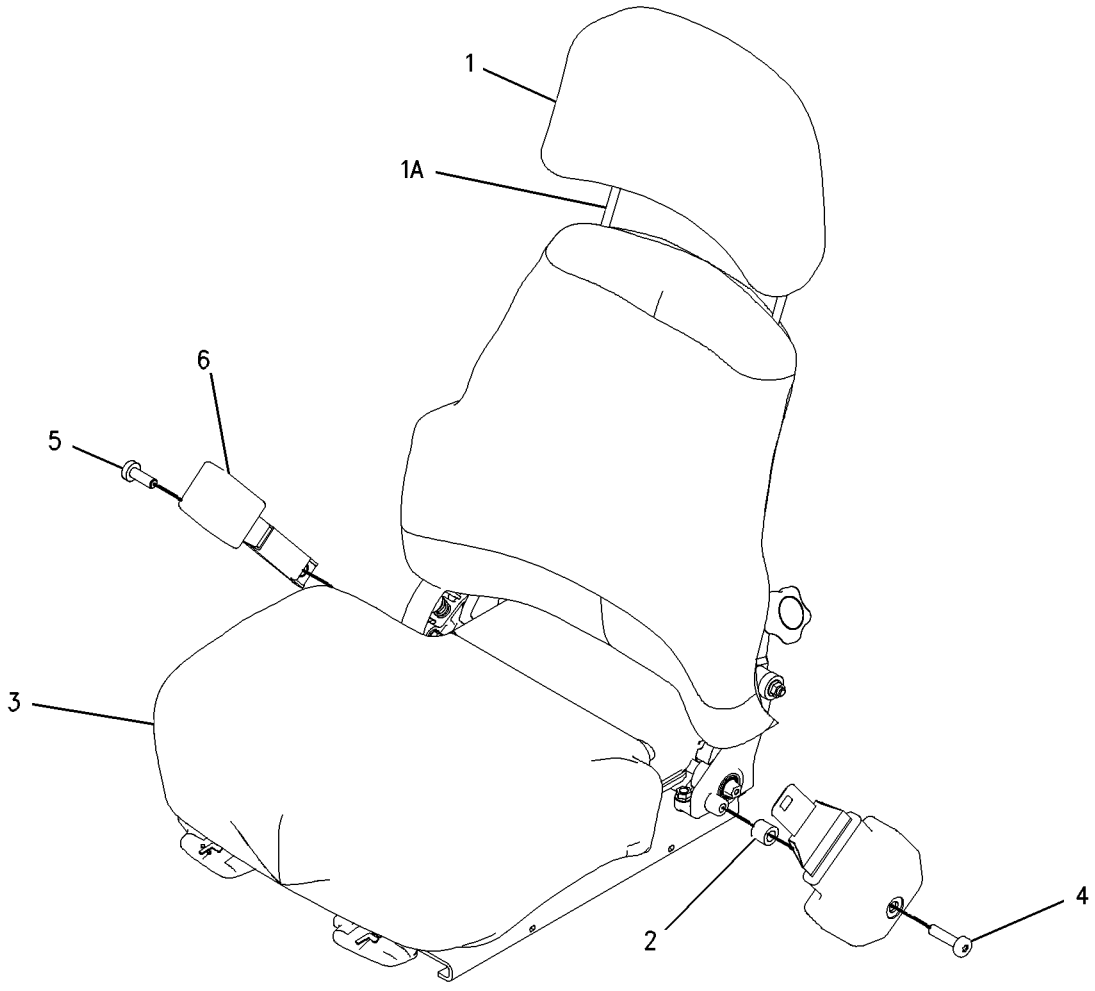
S/N: BTW1-UP

PART OF 219-8090 SEAT GP-SUSPENSION

SMCS-7312 **i07152482**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	**229-1494**	1	EXTENSION GP-BACKREST (CLOTH)	
	1A	1	**117-4491**	1	ROD	
	2	1	**177-4937**	1	SPACER (11.7X19.8X20.3-MM THK)	
Y	3	1	**178-7910**	1	SEAT GP (CLOTH)	1354
C	4	1	**205-6388**	1	BOLT (7/16-20X1.75-IN)	
C	5	1	**0T-0244**	1	BOLT (7/16-20X1.25-IN)	
C	6	1	**222-0345**	1	SEAT BELT GP (RETRACTABLE, 3-IN)	

C - CHANGE FROM PREVIOUS TYPE
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g00672937

250-9976 SEAT GP

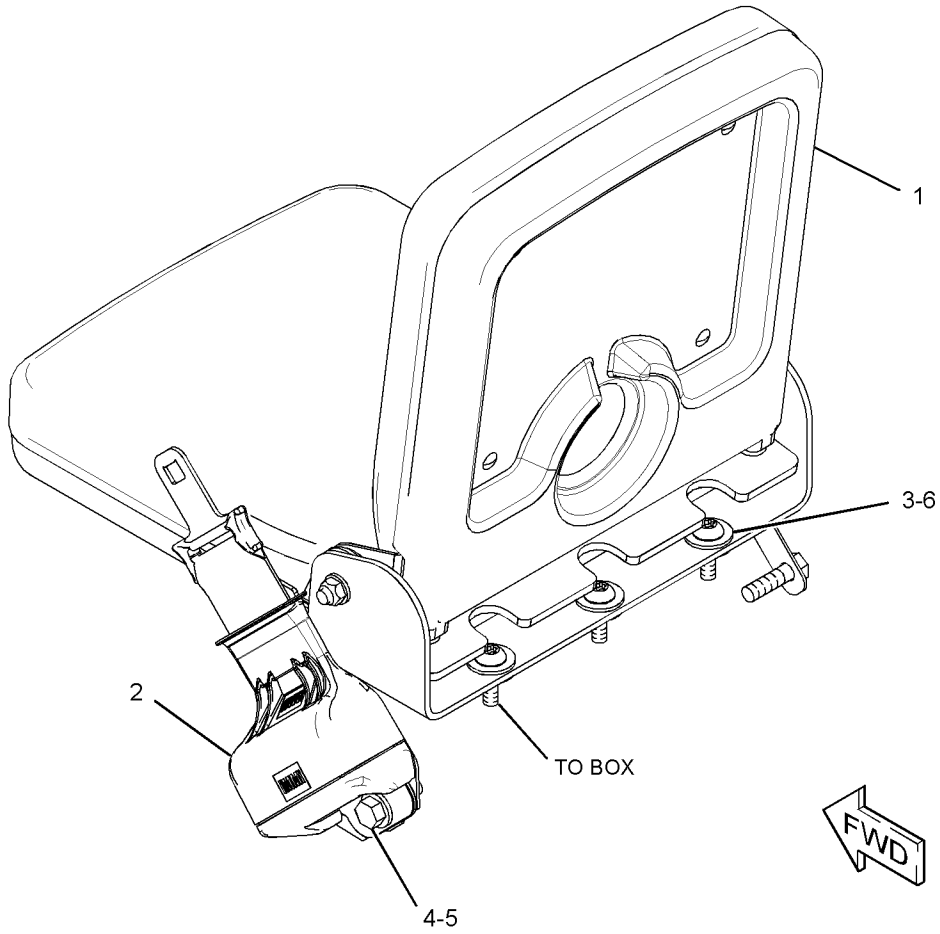
S/N: BTW1-UP

PART OF 234-5964, 281-4121 CAB AR

SMCS-7312 **i03635492**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**248-7511**	1	SEAT GP-COMPANION	1361
	2	1	**206-1750**	1	SEAT BELT (3-IN)	
	3	1	**8T-4222**	6	WASHER-PLATED (11X32X2.5-MM THK)	
	4	1	**8T-8916**	2	BOLT (7/16-14X1.5-IN)	
	5	1	**8T-4223**	2	WASHER-HARD (13.5X25.5X3-MM THK)	
M	6	1	**9X-2039**	3	SCREW-TRUSS HEAD (M10X1.5X35-MM)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g01955496

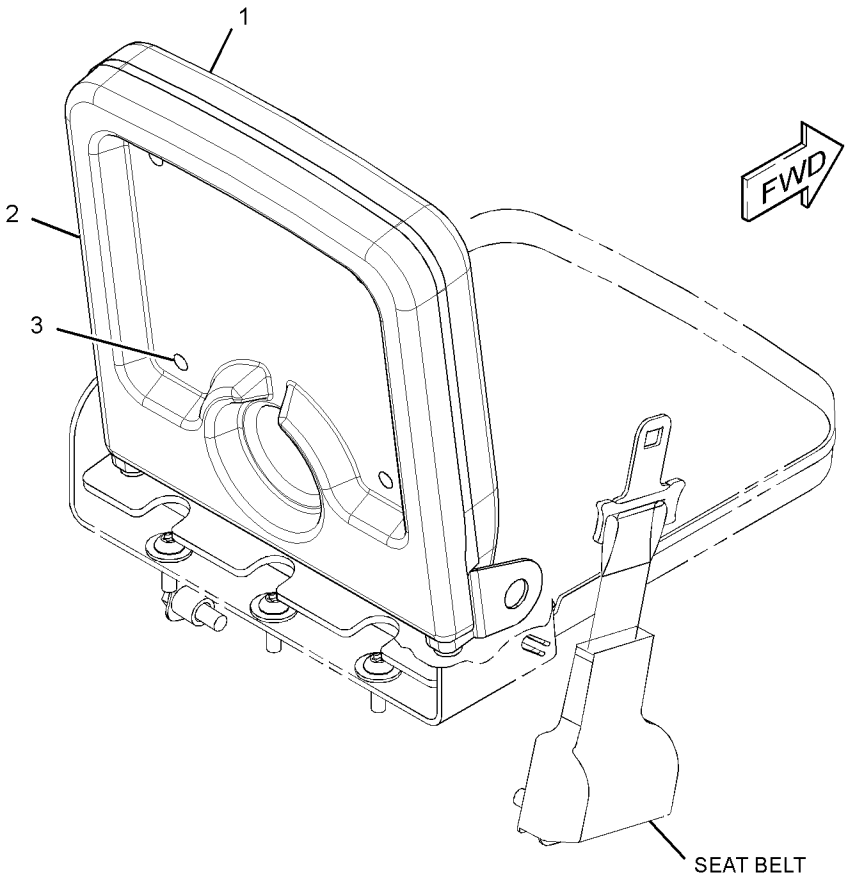
248-7500 SEAT GP-COMPANION—BACK REST

S/N: BTW1-UP

PART OF 248-7511 SEAT GP-COMPANION

SMCS-7312 **i02718539**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**248-7505**	1	CUSHION AS	
	2	1	**248-7508**	1	COVER	
	3	1	**174-5807**	4	RIVET-POP	



GRAPHIC #1 <END> g01369454

248-7511 SEAT GP-COMPANION

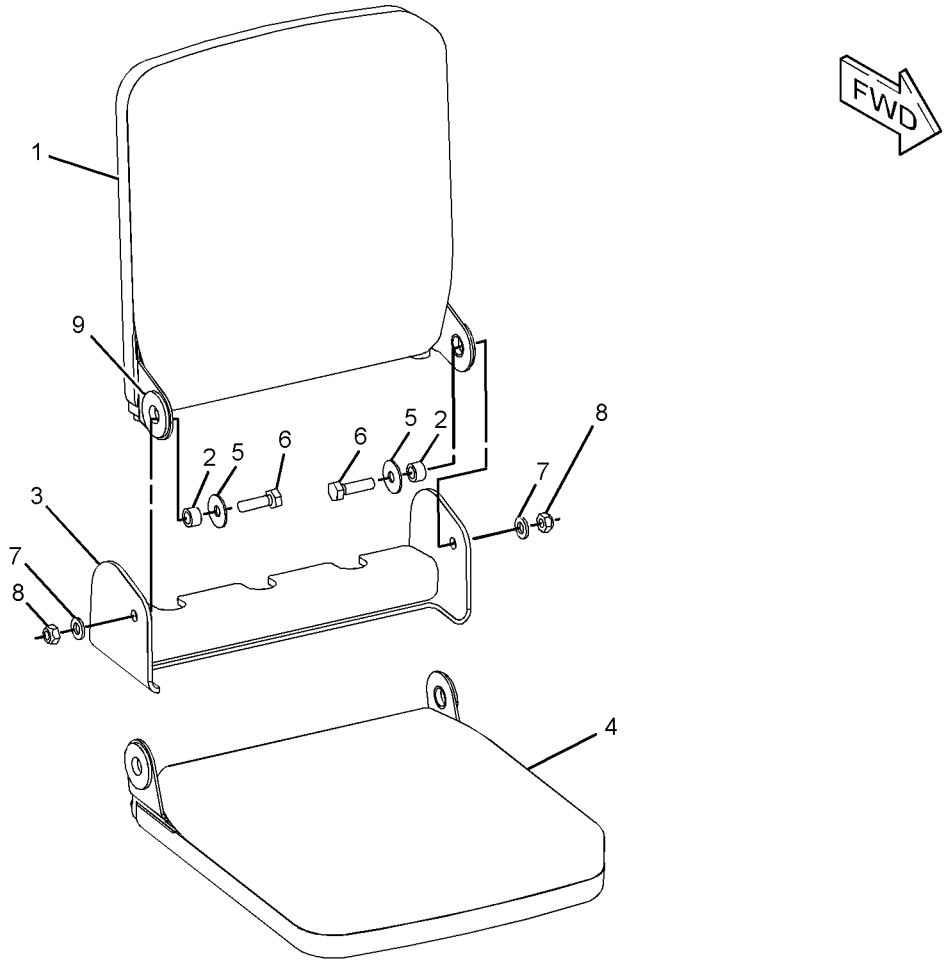
S/N: BTW1-UP

PART OF 250-9976 SEAT GP

SMCS-7312 **i06554160**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**248-7500**	1	SEAT GP-COMPANION	1360
J	2	1	**248-7509**	2	SPACER (11.4X17.5X10.4-MM THK)	
	3	1	**248-7513**	1	BRACKET AS	
Y	4	1	**255-2713**	1	SEAT GP-COMPANION	1362
CJ	5	1	**279-5626**	2	WASHER-SPRING	
CJM	6	1	**8T-4196**	2	BOLT (M10X1.5X35-MM)	
CJ	7	1	**6V-5839**	2	WASHER (11X21X2.5-MM THK)	
CJM	8	1	**6V-7744**	2	LOCKNUT (M10X1.5-THD)	
J	9	1	**266-3155**	4	SPACER	
					AVAILABLE REPAIR KIT(S):	
J			**300-1180**	1	KIT-HARDWARE (INSTRUCTIONAL SEAT)	
					(INCLUDES BOLTS, LOCKNUTS, SPACERS & WASHERS)	

C - CHANGE FROM PREVIOUS TYPE
J - KIT MARKED J INCLUDES PART(S) MARKED J
M - METRIC PART
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g06096412

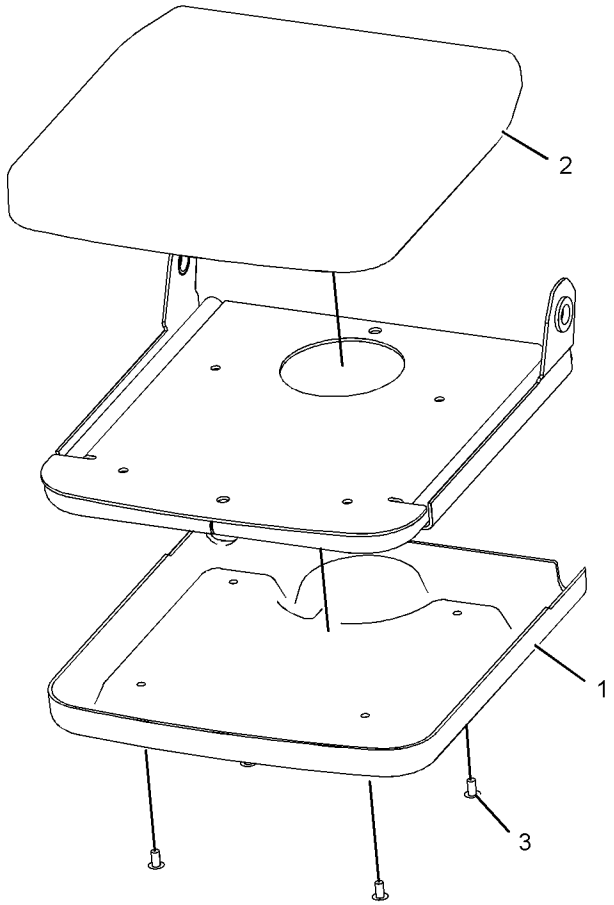
255-2713 SEAT GP-COMPANION–BOTTOM

S/N: BTW1-UP

PART OF 248-7511 SEAT GP-COMPANION

SMCS-7312 **i02719991**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**255-2712**	1	COVER	
	2	1	**255-2714**	1	CUSHION AS	
	3	1	**174-5807**	4	RIVET-POP	



GRAPHIC #1 <END> g01368190

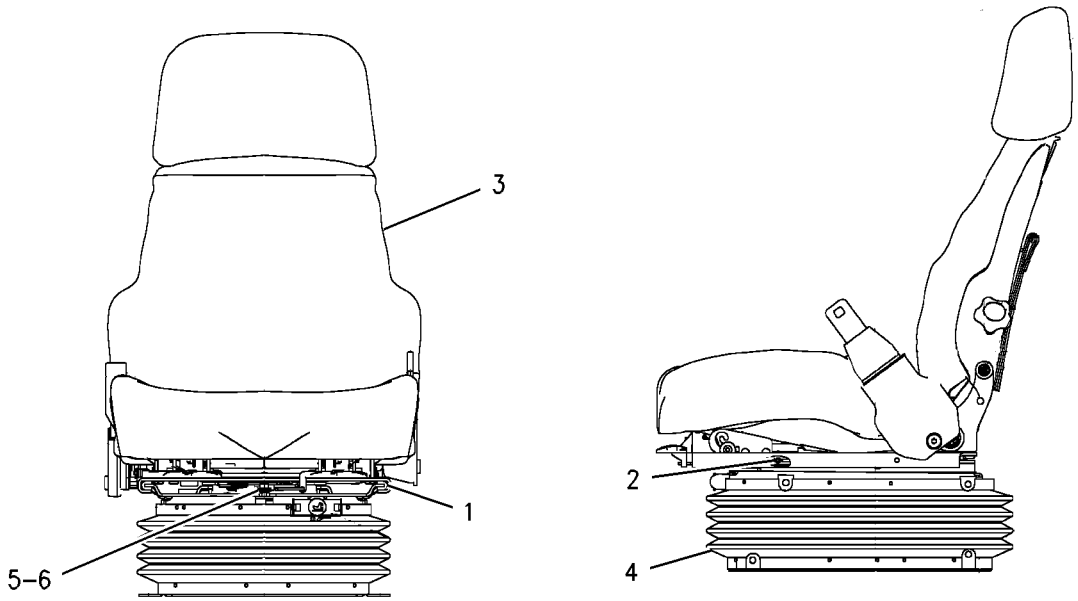
219-8090 SEAT GP-SUSPENSION

S/N: BTW1-UP
PART OF 234-5964, 281-4121 CAB AR
TYPE 1

SMCS-7324, 7336 **i03475063**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
JZ	1	1		4	BLOCK-SLIDER	
J	2	1	**173-5787**	4	SETSCREW (1/4-20-THD)	
Y	3	1	**185-9726**	1	SEAT GP (CLOTH)	1358
Y	4	1	**277-8032**	1	SUSPENSION GP-SEAT	1386
J	5	1	**203-7703**	2	WASHER-HARD (10.2X22.22X2.38-MM THK)	
J	6	1	**4F-4879**	1	BOLT (3/8-16X0.5-IN)	
					AVAILABLE REPAIR KIT(S):	
J			**173-7035**		KIT-SLIDER BLOCK (SUSPENSION SEAT)	

J - KIT MARKED J INCLUDES PART(S) MARKED J
Y - SEPARATE ILLUSTRATION
Z - NOT SERVICED SEPARATELY



GRAPHIC #1 <END> g00909437

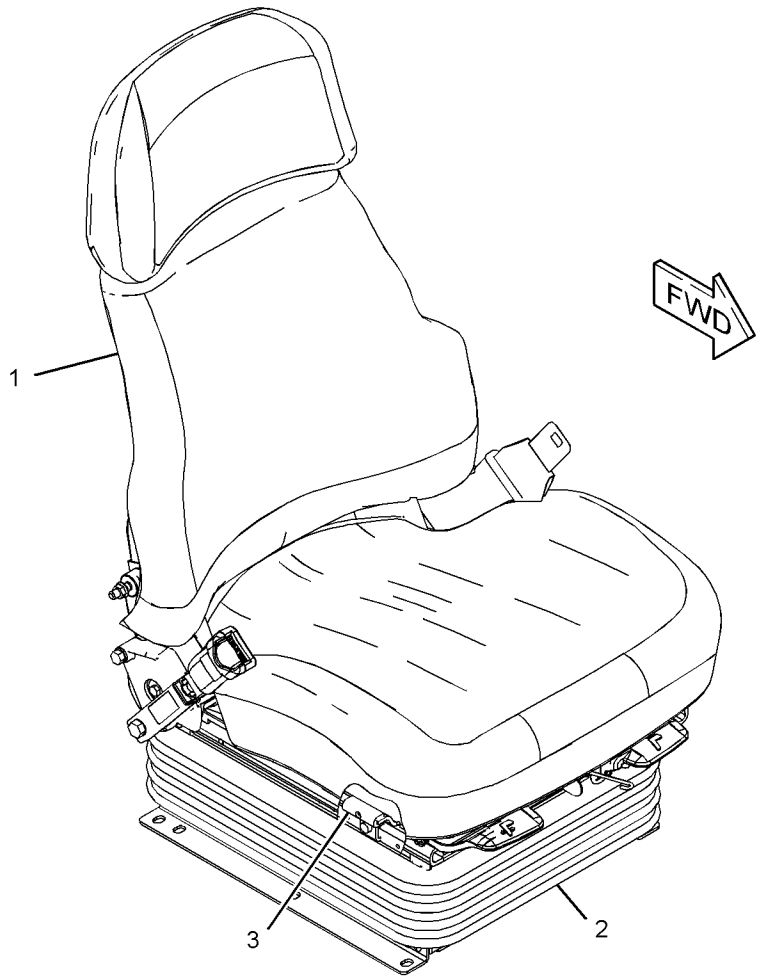
219-8090 SEAT GP-SUSPENSION

S/N: BTW1-UP
PART OF 234-5964, 281-4121 CAB AR
TYPE 2

SMCS-7324, 7336 **i07152497**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**185-9726**	1	SEAT GP (CLOTH)	1358
CY	2	1	**191-2933**	1	SUSPENSION GP-SEAT (AIR)	1377
	3	1	**173-7035**	1	KIT-SLIDER BLOCK (SUSPENSION SEAT)	

C - CHANGE FROM PREVIOUS TYPE
Y - SEPARATE ILLUSTRATION



GRAPHIC #1 <END> g03431887

250-9873 SPRING GP-CAB DOOR

S/N: BTW1-UP

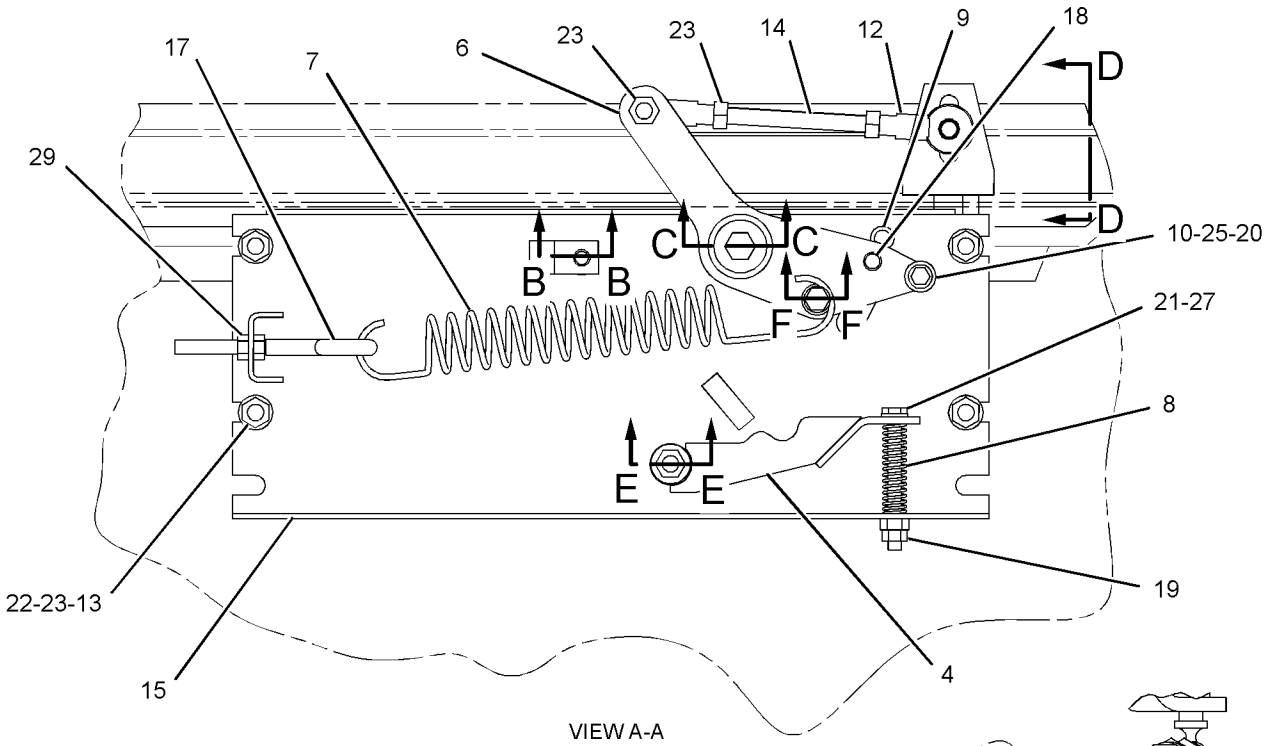
PART OF 234-5964, 281-4121 CAB AR

SMCS-7308 **i06269877**

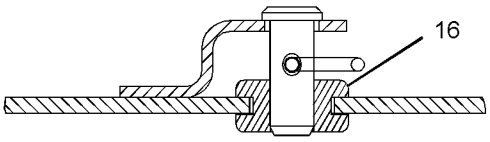
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4D-9128**	1	WASHER (0.438X0.94X0.162-MM THK)	
	2	1	**4E-8318**	1	BEARING	
	3	1	**4E-8319**	1	BRACKET	
	4	1	**4E-8325**	1	CAM AS	
	5	1	**4E-8329**	1	SPACER (10.5X16.545X34-MM THK)	
	6	1	**4E-8338**	1	LEVER AS	
		1	**2K-2140**	1	SPACER (0.875X1.5X0.63-IN THK)	
	7	1	**4E-8340**	1	SPRING	
	8	1	**4H-3820**	1	SPRING-LATCH	
	9	1	**5P-0372**	1	LOCK PIN	
	10	1	**6D-3886**	1	BALL BEARING	
	11	1	**7P-4937**	1	BOSS	
	12	1	**8T-4766**	2	ROD END	
	13	1	**9R-5008**	4	SPACER (11X20X6-MM THK)	
	14	1	**113-9789**	1	ROD	
	15	1	**250-9876**	1	SHEET AS	
	16	1	**9D-8508**	1	GROMMET	
	17	1	**8N-5001**	1	EYEBOLT	
	18	1	**4E-8320**	1	PIN	
M	19	1	**5C-7261**	1	NUT (M8X1.25-THD)	
M	20	1	**6V-7357**	1	BOLT (M6X1X25-MM)	
M	21	1	**8T-3647**	1	BOLT (M8X1.25X80-MM)	
	22	1	**8T-4121**	8	WASHER-HARD (11X21X2.5-MM THK)	
M	23	1	**8T-4133**	9	NUT (M10X1.5-THD)	
M	24	1	**8T-4136**	5	BOLT (M10X1.5X25-MM)	
	25	1	**8T-4205**	1	WASHER-HARD (7.2X14.5X2-MM THK)	
	26	1	**8T-4222**	1	WASHER-PLATED (11X32X2.5-MM THK)	
	27	1	**8T-4224**	2	WASHER-HARD (8.8X16X2-MM THK)	
M	28	1	**8T-4908**	1	BOLT (M8X1.25X25-MM)	
	29	1	**6V-8189**	2	NUT (5/16-18-THD)	

M - METRIC PART

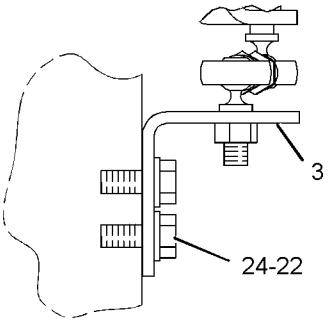
250-9873 **SPRING GP-CAB DOOR (**contd.**)** **i06269877**



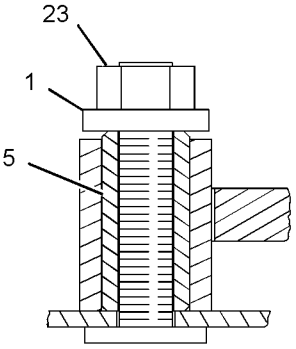
VIEW A-A



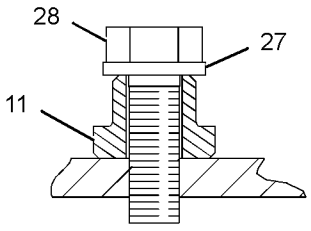
SECTION B-B



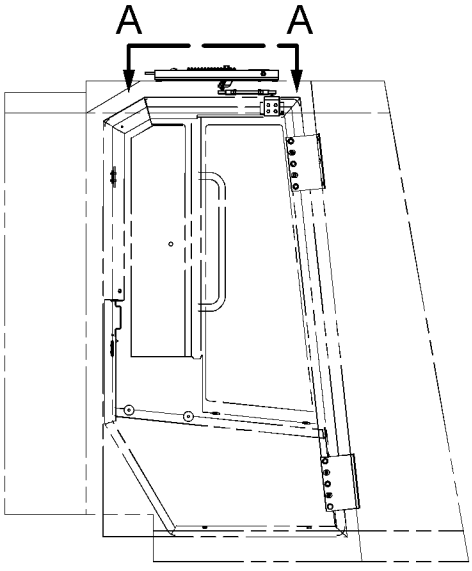
SECTION D-D



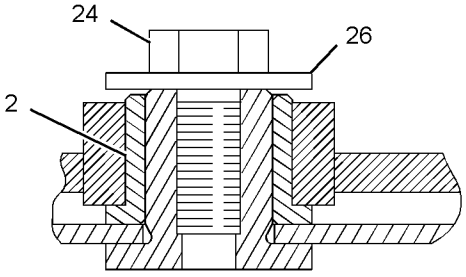
SECTION E-E



SECTION F-F



RIGHT SIDE VIEW



SECTION C-C

GRAPHIC #1 <END> g01315538

238-9083 SUPPORT GP-HYDRAULIC CONTROL

S/N: BTW1-UP

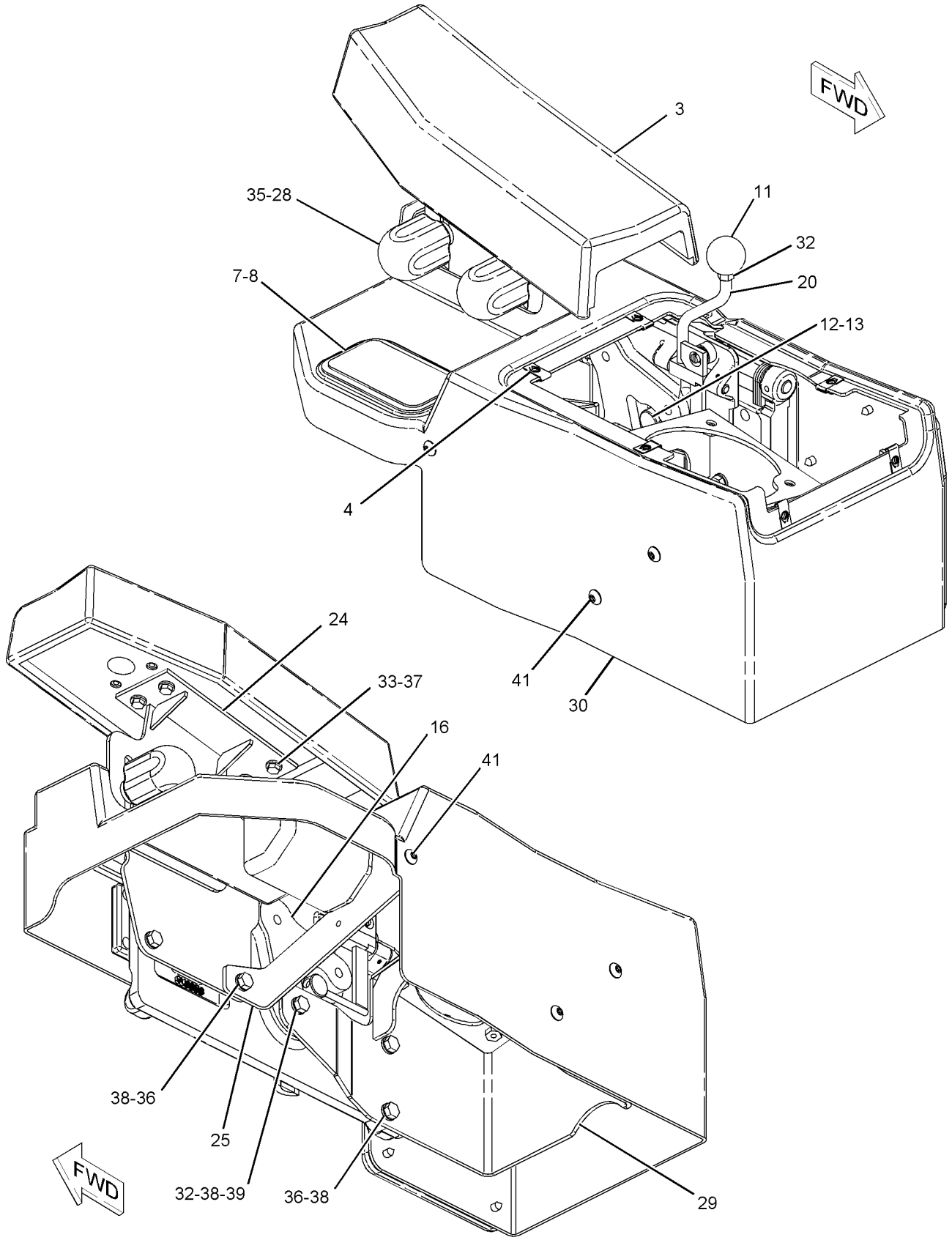
PART OF 234-5964 CAB AR

SMCS-5258 **i03475648**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**3K-4897**	1	PIN-SPRING	
	2	2	**4E-6523**	1	SUPPORT-SLIDE	
	3	1	**4E-6526**	1	CUSHION AS (RH)	
	4	1	**4E-8722**	6	NUT (RETAINER)	
	5	2	**4E-9173**	2	SHAFT-CONTROL	
	6	2	**4E-9174**	2	BEARING	
	7	1	**5P-5454**	1	ASHTRAY	
	8	1	**5P-5824**	1	HOLDER	
M	9	2	**6V-9327**	4	SETSCREW-SOCKET (M6X1-THD)	
	10	2	**7V-0445**	1	SPRING	
	11	1	**7X-3310**	1	KNOB-BALL	
	12	1	**9U-0952**	1	PIN	
	13	1	**9U-0953**	1	GUIDE	
	14	2	**9U-0954**	1	STUD	
	15	2	**9U-0955**	1	PIN	
	16	1	**9U-0958**	1	SLIDER	
	17	2	**9U-3925**	4	RING-RETAINING	
	18	2	**9U-3926**	6	STOP	
	19	2	**9U-3927**	1	BEARING	
	20	1	**9U-4551**	1	LEVER AS	
M	21	2	**8T-4195**	4	BOLT (M10X1.5X30-MM)	
B	22	2	**137-6841**	2	SHIM (0.2-MM THK)	
	23	2	**176-3894**	1	BRACKET AS	
	24	1	**176-3895**	1	BRACKET AS (RH)	
	25	1	**189-1987**	1	SUPPORT-COVER	
	26	2	**203-0328**	1	SPACER (16X19X9-MM THK)	
	27	2	**208-1015**	1	BRACKET AS	
	28	1	**211-4942**	2	KNOB AS	
	29	1	**238-9085**	1	SUPPORT AS	
	30	1	**238-9087**	1	COVER	
	31	2	**238-9091**	1	CUSHION AS	
M	32	1	**5C-7261**	2	NUT (M8X1.25-THD)	
M	33	1	**5C-9553**	4	BOLT (M6X1X16-MM)	
M	34	2	**6R-7653**	2	SCREW (M6X1X15-MM)	
	35	1	**7X-0575**	2	WASHER-HARD (10.2X22.5X5-MM THK)	
M	36	1,2	**8T-4189**	5	BOLT (M8X1.25X20-MM)	
	37	1	**8T-4205**	4	WASHER-HARD (7.2X14.5X2-MM THK)	
	38	1,2	**8T-4224**	7	WASHER-HARD (8.8X16X2-MM THK)	
M	39	1,2	**8T-7547**	2	BOLT (M8X1.25X30-MM)	
	40	2	**9X-2027**	1	WASHER (11X18X2-MM THK)	
M	41	1,2	**9X-2044**	6	SCREW-TRUSS HEAD (M6X1X16-MM)	

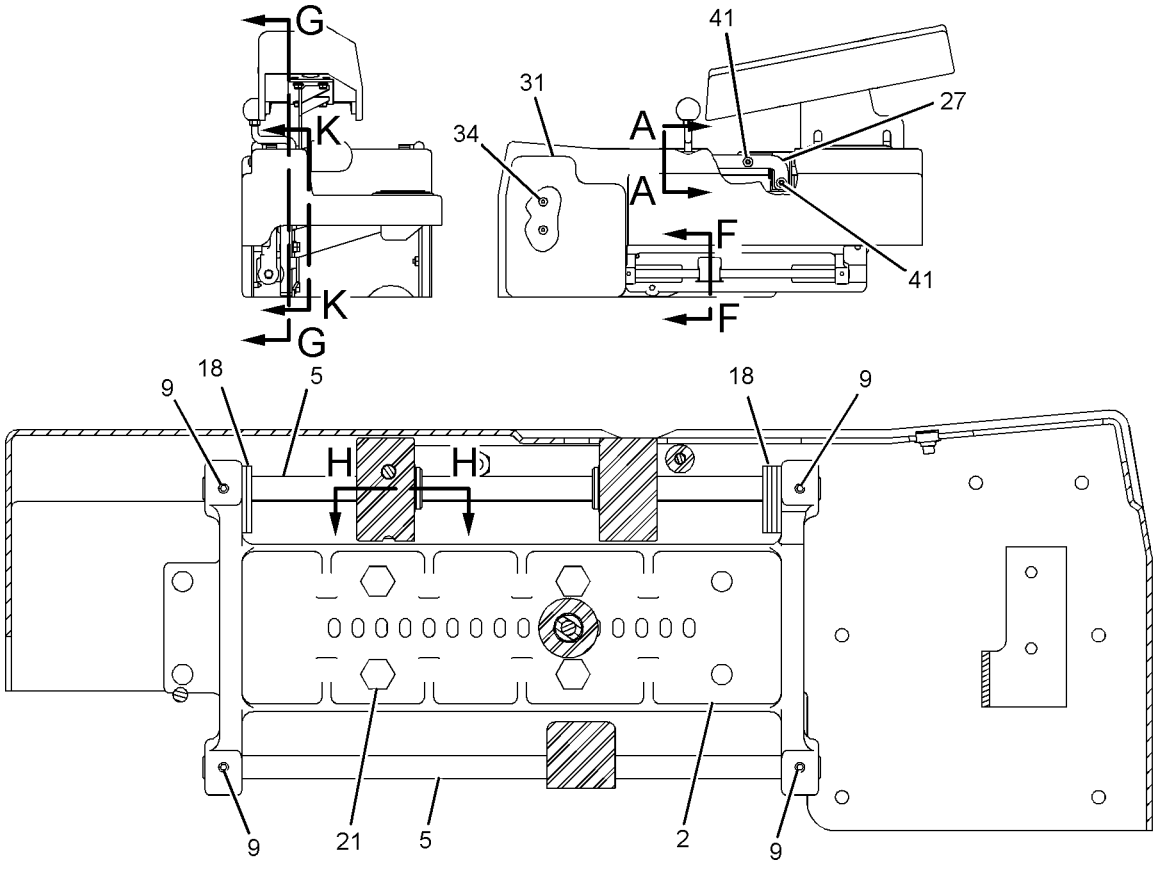
B - USE AS REQUIRED
M - METRIC PART

238-9083 **SUPPORT GP-HYDRAULIC CONTROL (**contd.**)** **i03475648**

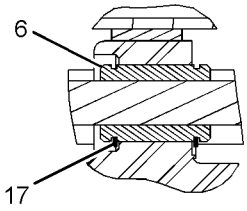


GRAPHIC #1 g01050423

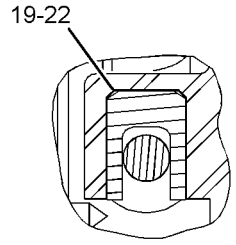
238-9083 **SUPPORT GP-HYDRAULIC CONTROL (**contd.**)** **i03475648**



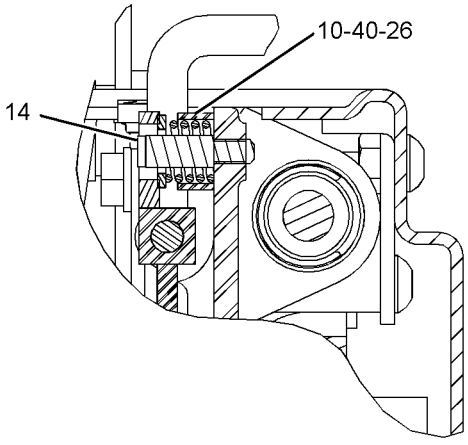
SECTION G-G



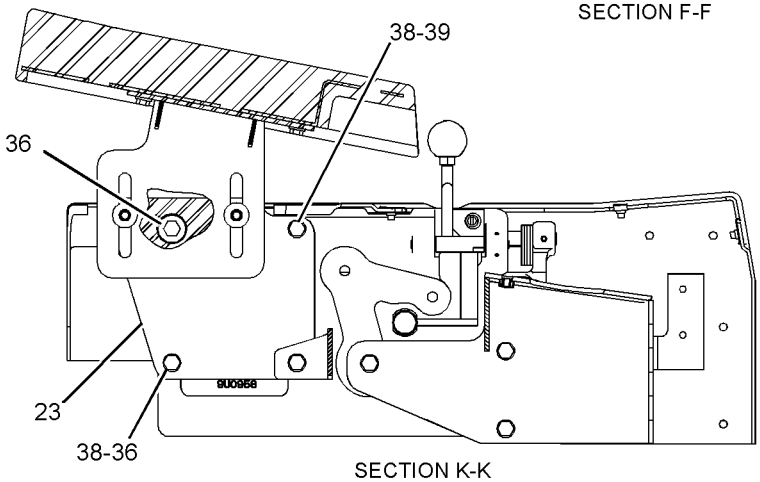
SECTION H-H



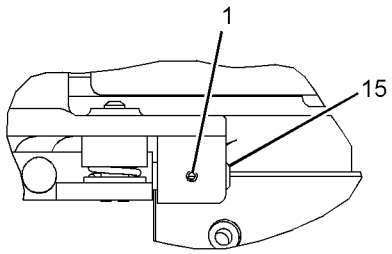
SECTION F-F



SECTION A-A



SECTION K-K



SECTION J-J

GRAPHIC #2 <END> g01050425

238-9083 SUPPORT GP-HYDRAULIC CONTROL

S/N: BTW1-UP

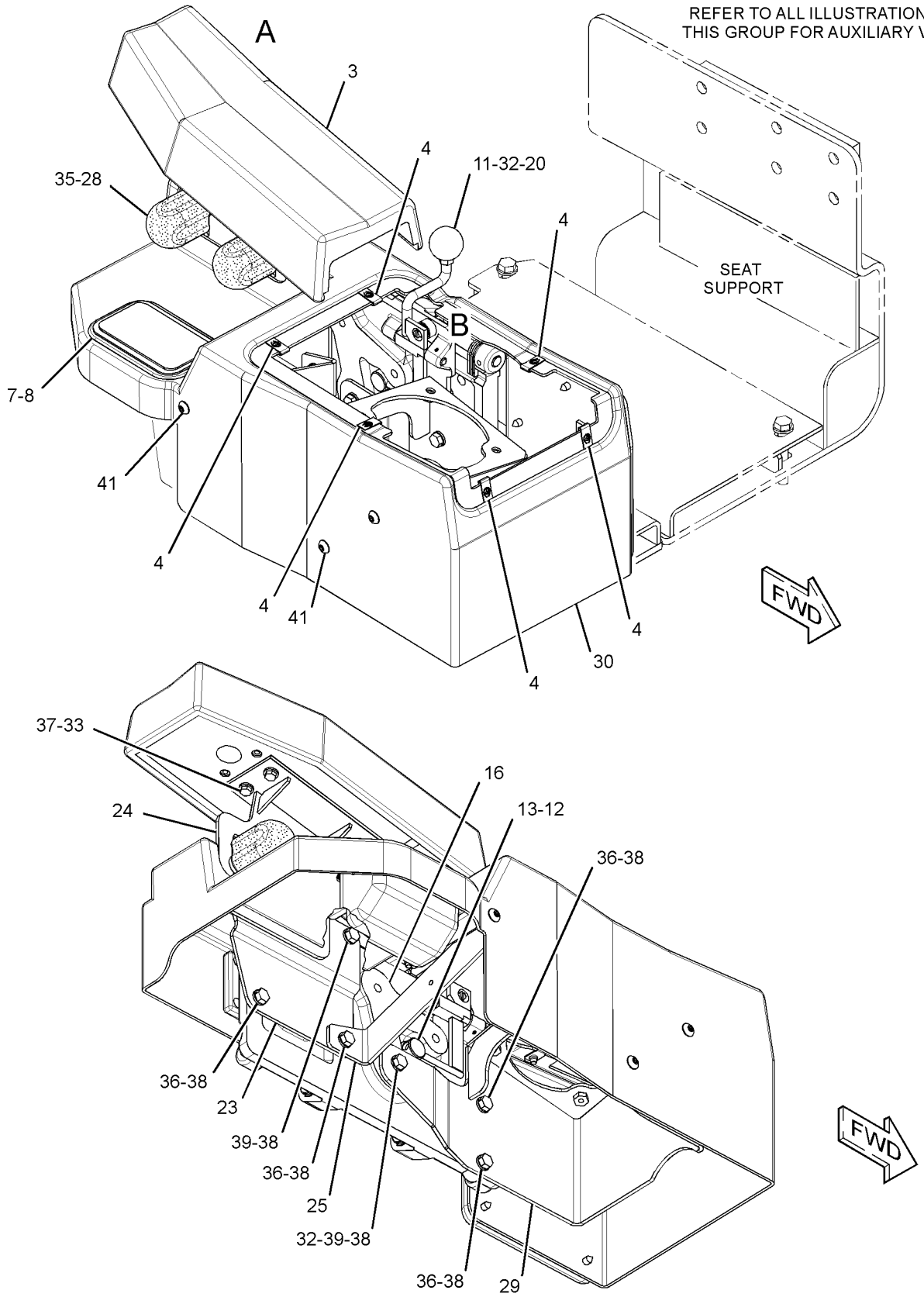
PART OF 234-5964, 281-4121 CAB AR

SMCS-5258 **i02894356**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**3K-4897**	1	PIN-SPRING	
	2	2	**4E-6523**	1	SUPPORT-SLIDE	
	3	1	**4E-6526**	1	CUSHION AS (RH)	
	4	1	**4E-8722**	6	NUT (RETAINER)	
	5	2	**4E-9173**	2	SHAFT-CONTROL	
C	6	2	**4E-9174**	4	BEARING	
	7	1	**5P-5454**	1	ASHTRAY	
	8	1	**5P-5824**	1	HOLDER	
M	9	2	**6V-9327**	4	SETSCREW-SOCKET (M6X1-THD)	
	10	2	**7V-0445**	1	SPRING	
	11	1	**7X-3310**	1	KNOB-BALL	
	12	1	**9U-0952**	1	PIN	
	13	1	**9U-0953**	1	GUIDE	
	14	2	**9U-0954**	1	STUD	
	15	2	**9U-0955**	1	PIN	
C	16	1	**301-5154**	1	SLIDER	
C	17	2	**9U-3925**	8	RING-RETAINING	
	18	2	**9U-3926**	6	STOP	
	20	1	**9U-4551**	1	LEVER AS	
M	21	2	**8T-4195**	4	BOLT (M10X1.5X30-MM)	
	23	1	**176-3894**	1	BRACKET AS	
	24	1	**176-3895**	1	BRACKET AS (RH)	
	25	1	**189-1987**	1	SUPPORT-COVER	
	26	2	**203-0328**	1	SPACER (16X19X9-MM THK)	
	27	2	**208-1015**	1	BRACKET AS	
	28	1	**211-4942**	2	KNOB AS	
	29	1	**238-9085**	1	SUPPORT AS	
	30	1	**238-9087**	1	COVER	
	31	2	**238-9091**	1	CUSHION AS	
M	32	1	**5C-7261**	2	NUT (M8X1.25-THD)	
M	33	1	**5C-9553**	4	BOLT (M6X1X16-MM)	
M	34	2	**6R-7653**	2	SCREW (M6X1X15-MM)	
	35	1	**7X-0575**	2	WASHER-HARD (10.2X22.5X5-MM THK)	
M	36	1,2	**8T-4189**	5	BOLT (M8X1.25X20-MM)	
	37	1	**8T-4205**	4	WASHER-HARD (7.2X14.5X2-MM THK)	
	38	1	**8T-4224**	7	WASHER-HARD (8.8X16X2-MM THK)	
M	39	1	**8T-7547**	2	BOLT (M8X1.25X30-MM)	
	40	2	**9X-2027**	1	WASHER (11X18X2-MM THK)	
M	41	1,2	**9X-2044**	6	SCREW-TRUSS HEAD (M6X1X16-MM)	

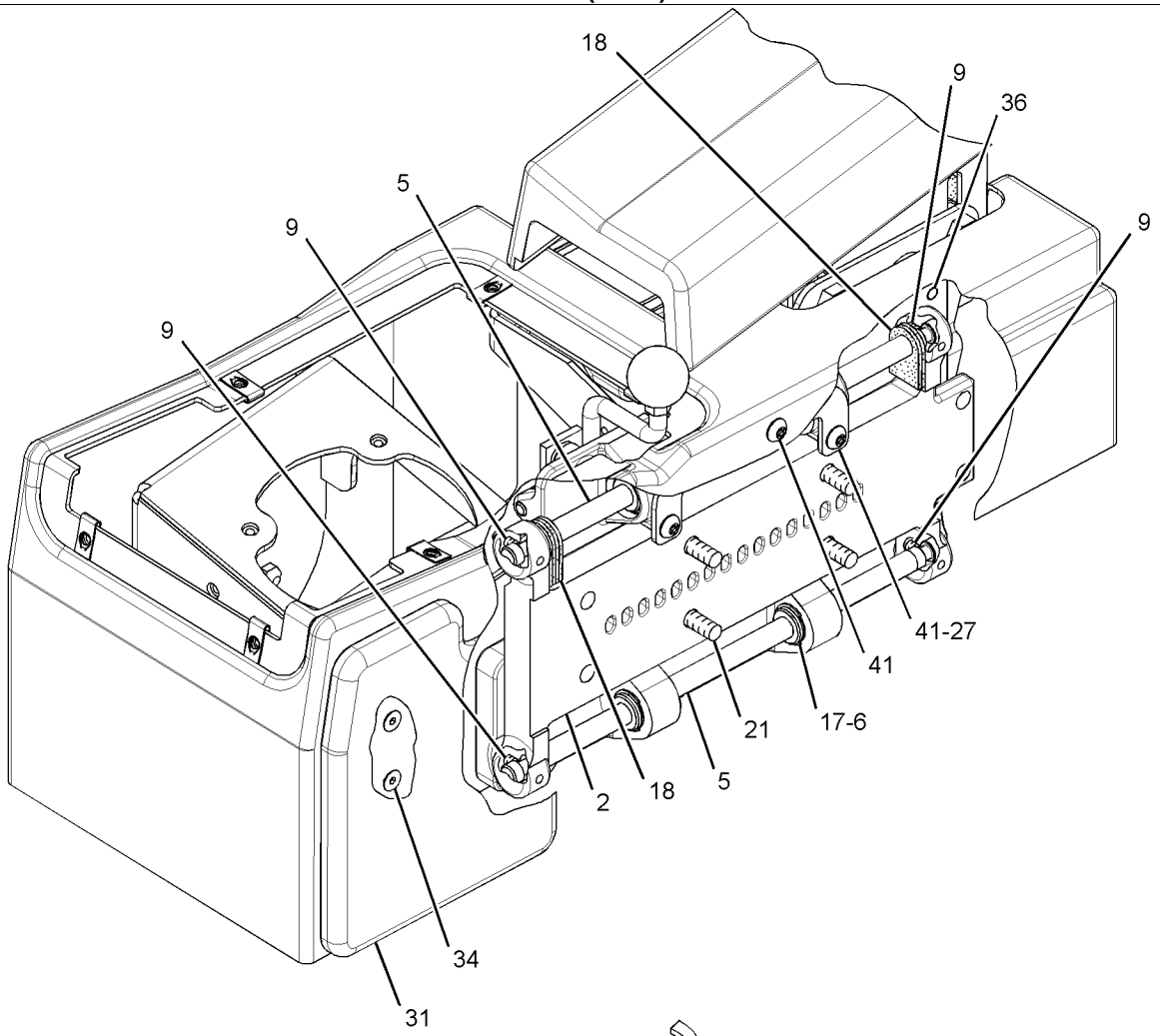
C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART

238-9083 **SUPPORT GP-HYDRAULIC CONTROL (**contd.**)** **i02894356**

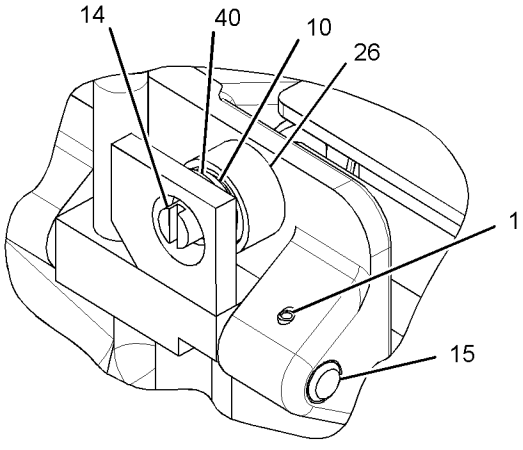


GRAPHIC #1 g01449185

238-9083 **SUPPORT GP-HYDRAULIC CONTROL (**contd.**)** **i02894356**



VIEW OF AREA A



VIEW OF AREA B

GRAPHIC #2 <END> g01449186

178-3904 SUPPORT GP-SEAT

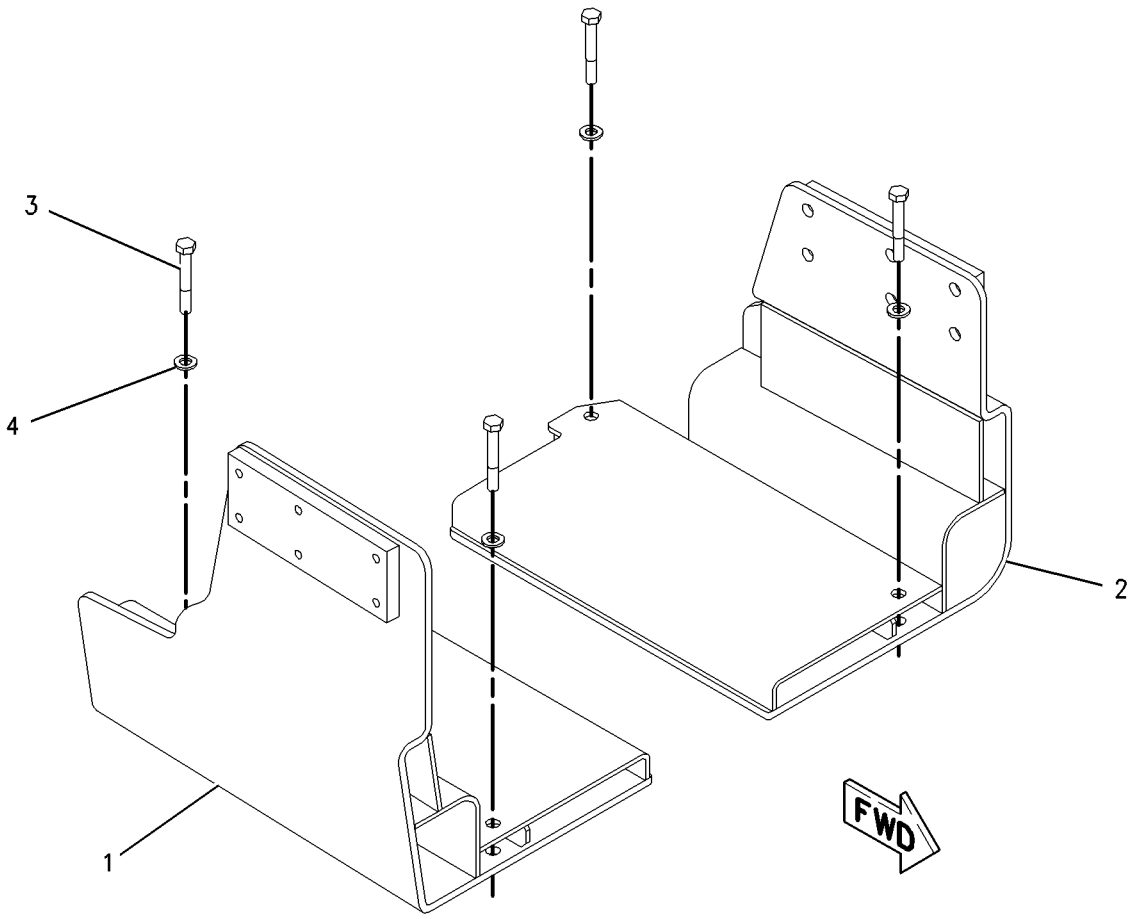
S/N: BTW1-UP

PART OF 234-5964, 281-4121 CAB AR

SMCS-7321 **i02085764**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**178-3905**	1	BRACKET AS	
M		1	**6V-9632**	2	NUT-WELD (M6X1-THD)	
C	2	1	**171-9683**	1	BRACKET AS (LH)	
M	3	1	**168-4510**	4	BOLT (M10X1.5X70-MM)	
	4	1	**8T-4121**	4	WASHER-HARD (11X21X2.5-MM THK)	

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART



GRAPHIC #1 <END> g00851604

171-3897 SUPPORT GP-STEERING CONTROL

S/N: BTW1-UP

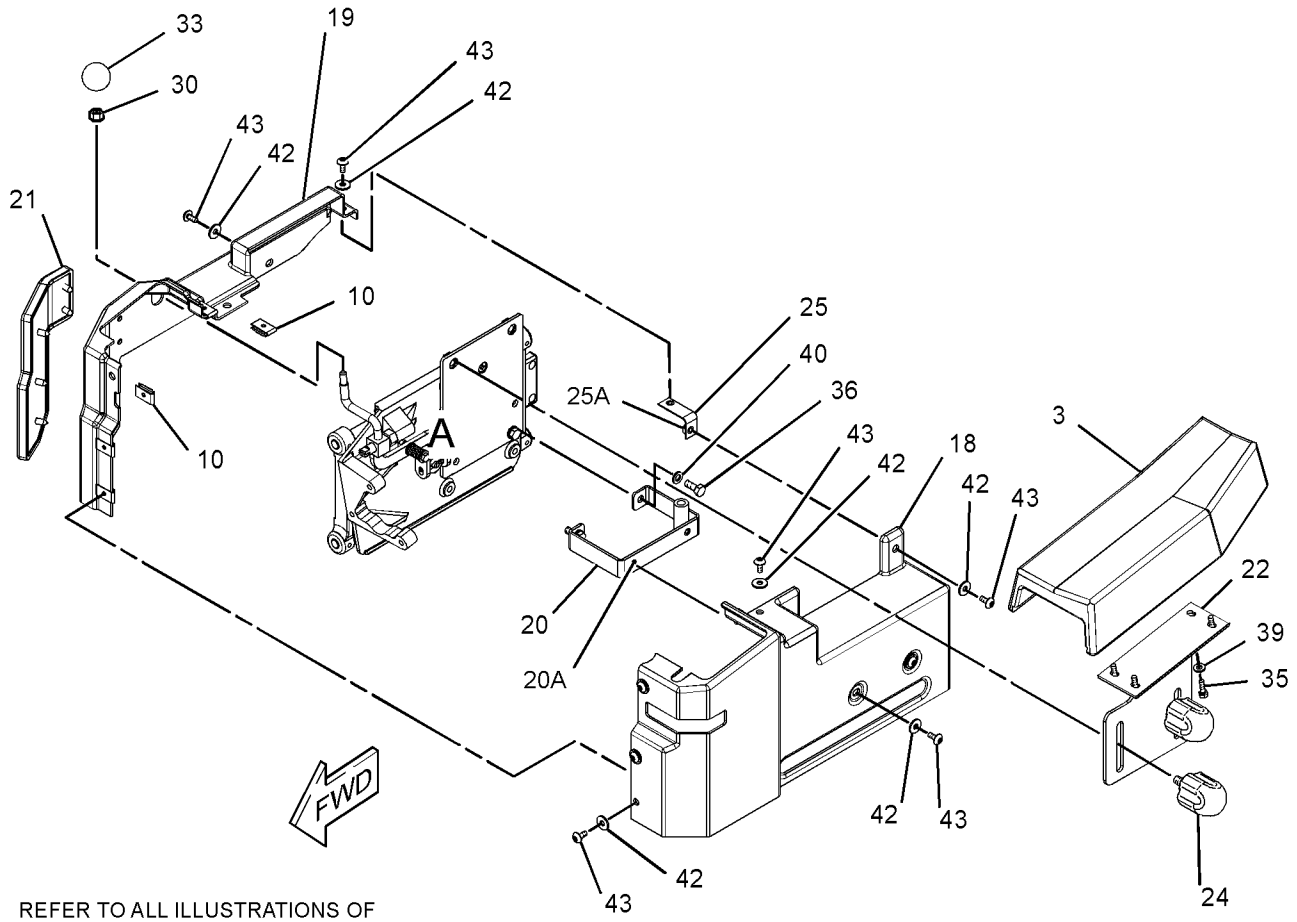
PART OF 234-5964, 281-4121 CAB AR

SMCS-5258 **i05812082**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**3G-4711**	1	SPRING	
B	2	2	**4B-4276**	8	WASHER (7X16X1.6-MM THK)	
	3	1	**4E-6335**	1	CUSHION AS (LH)	
	4	2	**4E-6439**	1	LEVER AS	
	5	2	**4E-6444**	1	ROD	
	6	2	**4E-6445**	1	PIN	
	7	2	**4E-6446**	1	GUIDE	
	8	2	**4E-6523**	1	SUPPORT-SLIDE	
	9	2	**4E-7163**	1	SLIDER	
	10	1	**4E-8722**	5	NUT (RETAINER)	
	11	2	**4E-9173**	2	SHAFT-CONTROL	
	12	2	**4E-9174**	2	BEARING	
	13	2	**6E-0923**	1	SPACER (7.04X9.52X15.2-MM THK)	
	14	2	**9U-3925**	4	RING-RETAINING	
	15	2	**9U-3926**	6	STOP	
	16	2	**9U-3927**	1	BEARING	
B	17	2	**137-6841**	2	SHIM (0.2-MM THK)	
	18	1	**166-4731**	1	HOUSING	
	19	1	**166-4732**	1	HOUSING	
	20	1	**170-0696**	1	BRACKET AS	
M	20A	1	**6V-9632**	2	NUT-WELD (M6X1-THD)	
	21	1	**170-0971**	1	CUSHION AS	
	22	1	**170-0977**	1	BRACKET AS	
	23	2	**327-5450**	1	PLATE AS	
	24	1	**211-4942**	2	KNOB AS	
	25	1	**170-8540**	1	BRACKET AS	
M	25A	1	**6V-9632**	2	NUT-WELD (M6X1-THD)	
	26	2	**013-8502**	1	LOCKWASHER	
M	27	2	**095-0758**	1	SCREW-MACHINE (M6X1X14-MM)	
M	28	2	**098-5747**	1	NUT (M16X2-THD)	
	29	2	**1J-5799**	1	PIN-SPRING	
M	30	1	**5C-7261**	1	NUT (M8X1.25-THD)	
M	31	2	**6V-9327**	4	SETSCREW-SOCKET (M6X1-THD)	
M	32	2	**7X-2534**	1	BOLT (M6X1X50-MM)	
	33	1	**7X-3310**	1	KNOB-BALL	
M	34	2	**8T-4134**	1	NUT (M6X1-THD)	
M	35	1	**8T-4138**	4	BOLT (M6X1X20-MM)	
M	36	1	**8T-4189**	2	BOLT (M8X1.25X20-MM)	
M	37	2	**8T-4195**	6	BOLT (M10X1.5X30-MM)	
M	38	2	**8T-4200**	2	BOLT (M8X1.25X16-MM)	
	39	1	**8T-4205**	4	WASHER-HARD (7.2X14.5X2-MM THK)	
	40	1,2	**8T-4224**	4	WASHER-HARD (8.8X16X2-MM THK)	
M	41	2	**8T-4244**	1	NUT (M12X1.75-THD)	
	42	1	**9X-2038**	11	WASHER (7X19X2-MM THK)	
M	43	1	**9X-2043**	11	SCREW-TRUSS HEAD (M6X1X14-MM)	

B - USE AS REQUIRED
M - METRIC PART

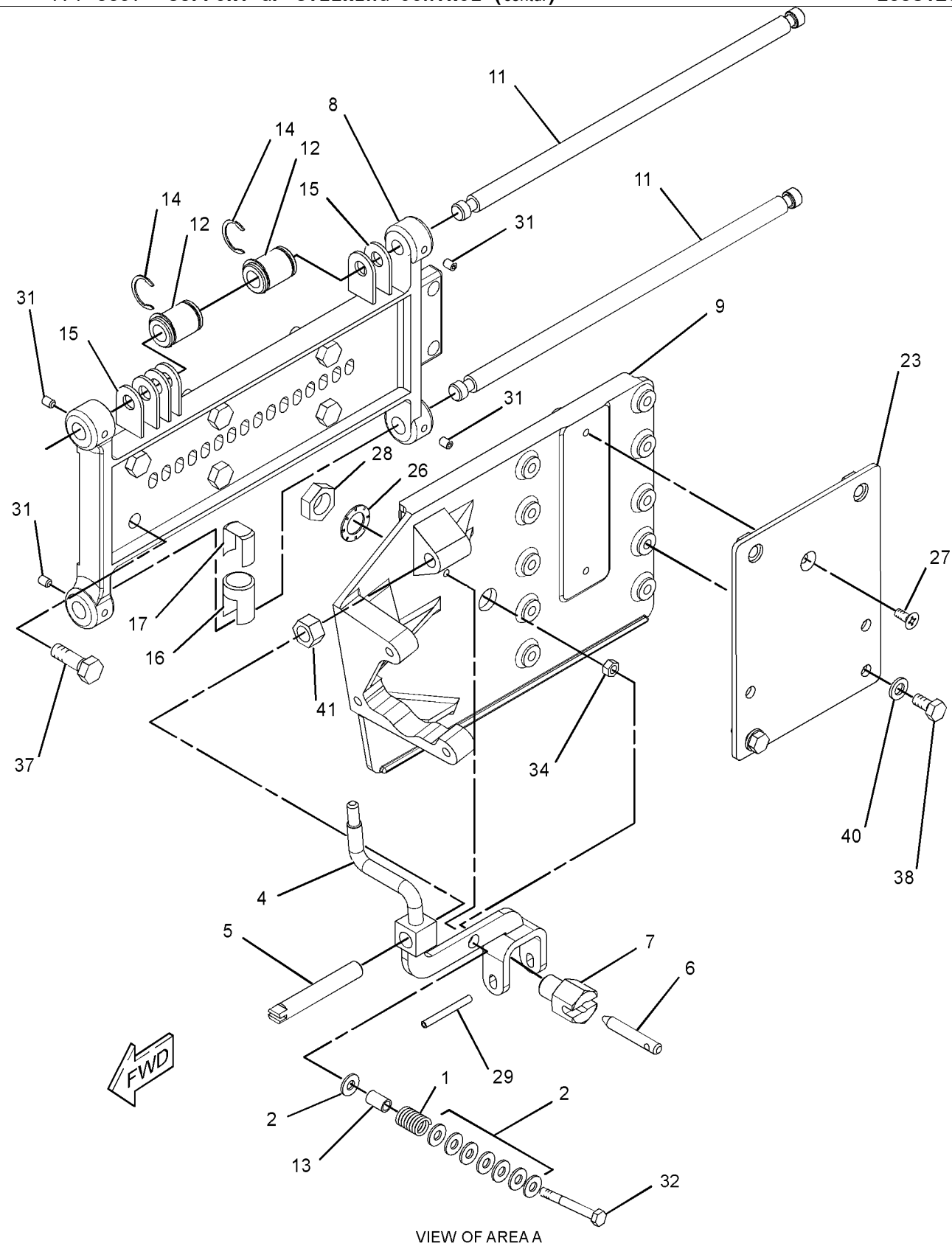
171-3897 **SUPPORT GP-STEERING CONTROL (**contd.**)** **i05812082**



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

GRAPHIC #1 g01705073

171-3897 **SUPPORT GP-STEERING CONTROL** (contd.) **i05812082**



VIEW OF AREA A

GRAPHIC #2 <END> g01705074

191-2933 SUSPENSION GP-SEAT—AIR

S/N: BTW1-UP
24-VOLT
PART OF 219-8090 SEAT GP-SUSPENSION
TYPE 1

SMCS-7324 **i06982775**

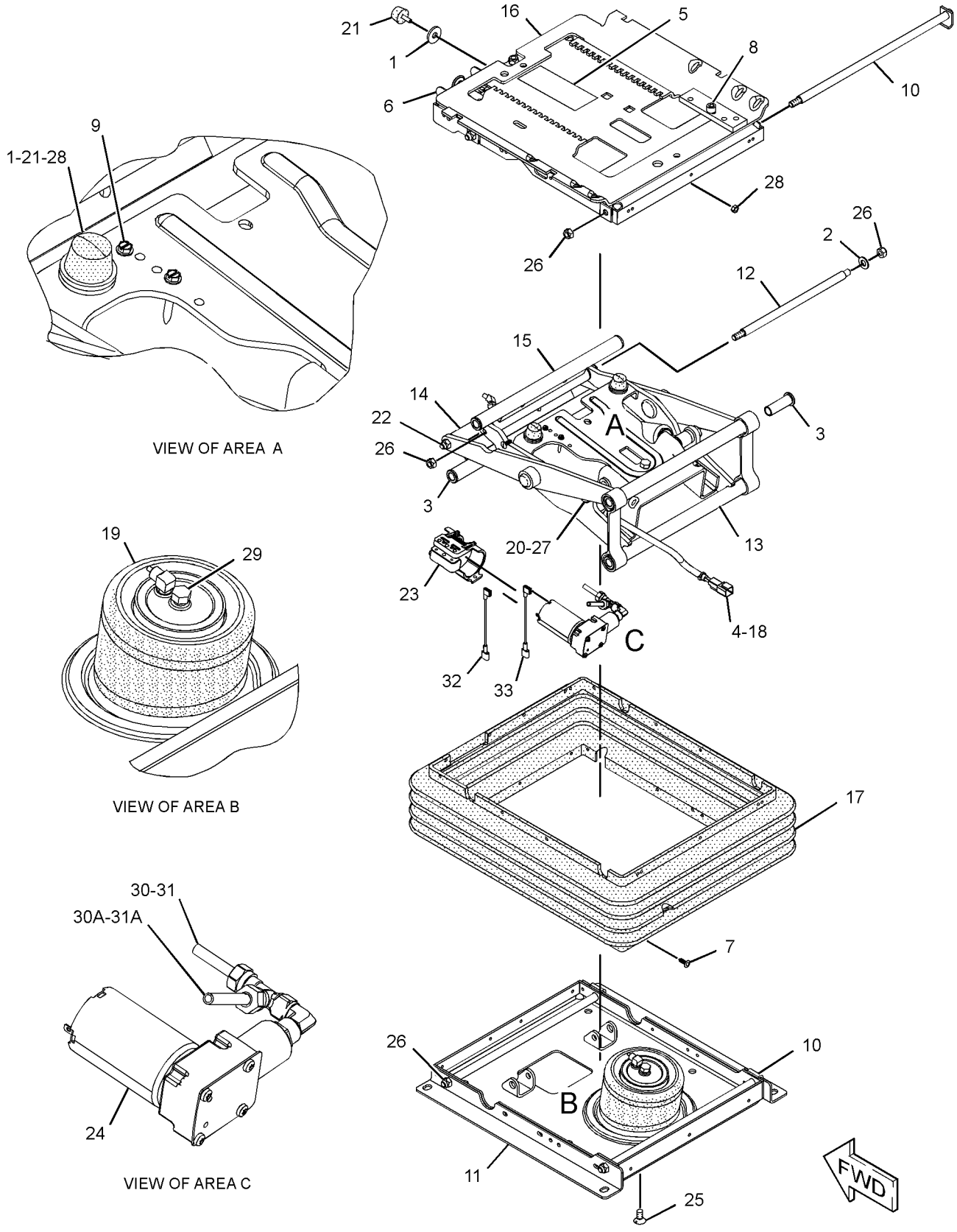
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3P-9900**	5	WASHER (10.5X30X3-MM THK)	
	2	1	**4B-4278**	2	WASHER (10.2X20.5X1.6-MM THK)	
	3	1	**4V-8577**	12	BEARING	
	4	1	**8L-8413**	1	STRAP-CABLE (WHITE)	
	5	1	**145-0326**	1	FILM-INSTRUCTION (SEAT ADJUSTMENT)	
	6	1	**164-1234**	1	PLATE	
	7	1	**101-0003**	26	FASTENER	
	8	1	**169-7380**	1	BOLT-SOCKET HEAD (3/8-16X0.375-IN)	
	9	1	**186-5107**	2	SCREW-DRIVE (NO 8-16X1.25-IN)	
	10	1	**192-7752**	4	SHAFT AS	
	11	1	**192-7755**	1	HOUSING AS (LOWER)	
	12	1	**314-5274**	1	SHAFT (INNER)	
	13	1	**192-7767**	1	SCISSORS AS	
	14	1	**192-7783**	1	TOGGLE AS (WIDE)	
	15	1	**192-7787**	1	TOGGLE AS (NARROW)	
	16	1	**192-7790**	1	HOUSING AS (UPPER)	
	17	1	**192-7795**	1	BOOT	
	18	1	**192-7805**	1	HARNESS AS-VALVE (SEAT AIR COMPRESSOR)	
		1	**8T-8729**	2	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
E		1	**211-5358**		CONDUIT-FLEXIBLE (64-CM)	
	19	1	**192-7810**	1	SPRING AS-AIR	
		1	**5P-4423**	1	ELBOW	
		1	**163-1135**	1	SPRING	
	20	1	**192-7812**	1	BOLT-SPECIAL	
	21	1	**192-7820**	3	BUMPER	
	22	1	**314-5275**	1	SHAFT (OUTER)	
C	23	1	**372-2158**	1	BRACKET-MOUNTING	
C	24	1	**370-9894**	1	COMPRESSOR AS	
	25	1	**108-4311**	1	SCREW-MACHINE (3/8-16X0.75-IN)	
	26	1	**2K-4973**	8	LOCKNUT (3/8-16-THD)	
	27	1	**3J-4818**	1	LOCKWASHER (EXTERNAL TOOTH)	
M	28	1	**5C-2890**	3	NUT (M6X1-THD)	
	29	1	**8T-9371**	1	BOLT (3/8-16X0.5-IN)	
E	30	1	**211-5358**		CONDUIT-FLEXIBLE (26.7-CM)	
E	30A	1	**211-5358**		CONDUIT-FLEXIBLE (35.6-CM)	
D	31	1	**5P-6010**		TUBE (0.27-M)	
D	31A	1	**5P-6010**		TUBE (0.36-M)	
C	32	1	**387-0314**	1	WIRE AS (16-GA, ORANGE)	
C	33	1	**387-0317**	1	WIRE AS (16-GA, BLACK)	
					AVAILABLE REPAIR KIT(S):	
			192-7799	1	KIT-AIR VALVE & SWITCH (SUSPENSION SEAT)	
					(INCLUDES KNOB AS, NUT, VALVE, LOCKWASHER & FITTING)	
			192-7848	1	KIT-SHOCK ABSORBER (SUSPENSION SEAT)	

191-2933 **SUSPENSION GP-SEAT (**contd.**)** **i06982775**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
					(INCLUDES LOCKNUT, LOCKWASHER, SHOCK ABSORBER, BEARINGS, WASHER & BOLTS)	
			211-9294	1	KIT-TETHER (SUSPENSION SEAT)	
					(INCLUDES TETHERS)	
AB			**213-5170**	1	KIT-SEAT ADJUSTER (SEAT ADJUSTMENT)	
					(INCLUDES BOLTS, NUTS, ROD, ARM & HOUSING)	
AB			**212-7779**	1	KIT-SHOCK ABSORBER (SUSPENSION SEAT) (ADJUSTABLE SEAT)	
AB			**346-4360**	1	KIT-SHOCK ABSORBER (SUSPENSION SEAT) (HEAVY-DUTY)	
					(INCLUDES SHOCK ABSORBER, BEARINGS, WASHERS, BOLTS, LOCKNUT, & LOCKWASHER)	

A - NOT PART OF THIS GROUP
B - USE AS REQUIRED
C - CHANGE FROM PREVIOUS TYPE
D - ORDER BY THE METER
E - ORDER BY THE CENTIMETER
M - METRIC PART

191-2933 **SUSPENSION GP-SEAT (**contd.**)** **i06982775**



GRAPHIC #1 <END> g02883008

191-2933 SUSPENSION GP-SEAT–AIR

S/N: BTW1-UP
24-VOLT
PART OF 219-8090 SEAT GP-SUSPENSION
TYPE 2

SMCS-7324 **i06982753**

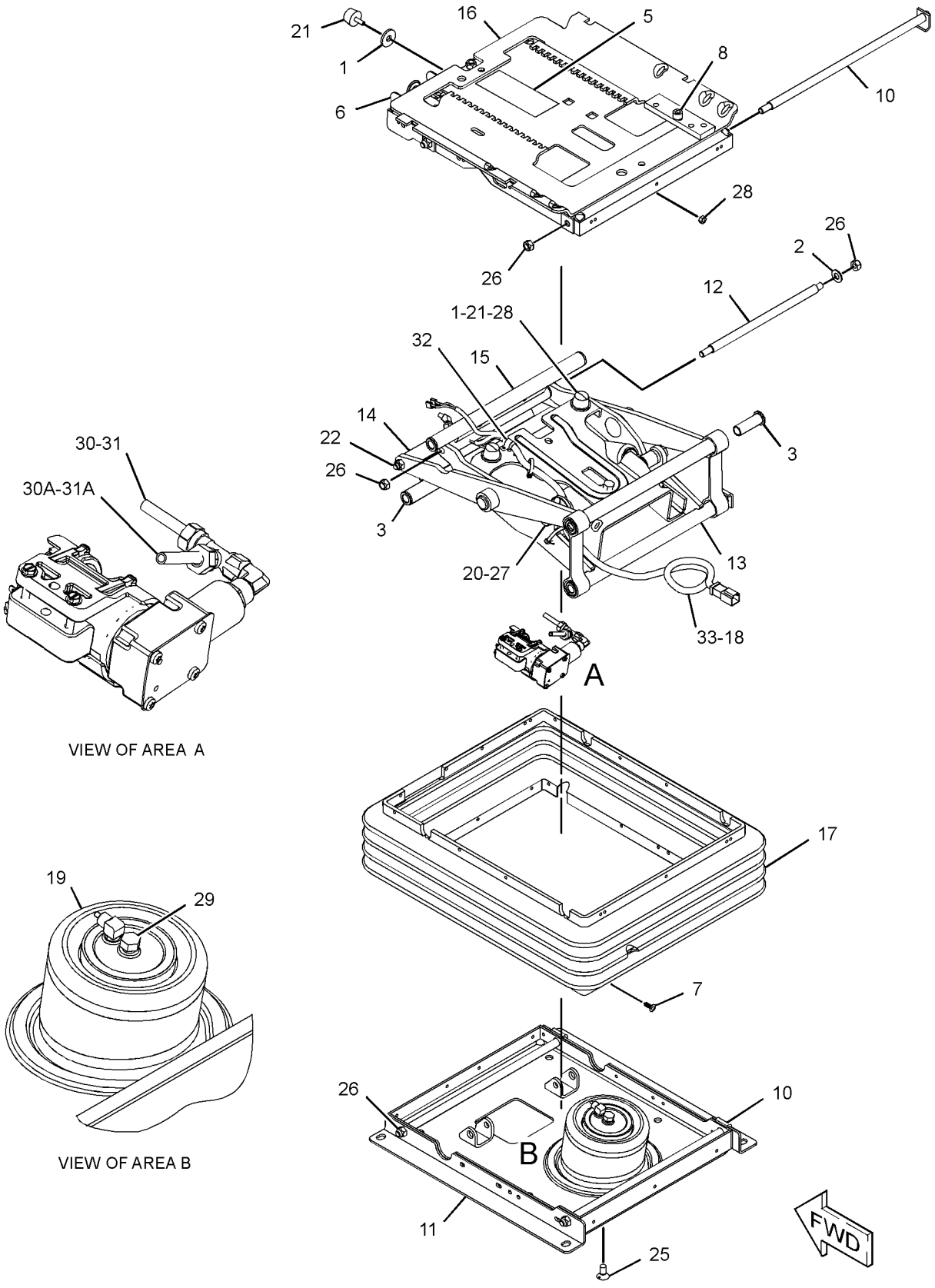
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3P-9900**	5	WASHER (10.5X30X3-MM THK)	
	2	1	**4B-4278**	2	WASHER (10.2X20.5X1.6-MM THK)	
	3	1	**4V-8577**	12	BEARING	
	5	1	**145-0326**	1	FILM-INSTRUCTION (SEAT ADJUSTMENT)	
	6	1	**164-1234**	1	PLATE	
	7	1	**101-0003**	26	FASTENER	
	8	1	**169-7380**	1	BOLT-SOCKET HEAD (3/8-16X0.375-IN)	
	10	1	**192-7752**	4	SHAFT AS	
	11	1	**192-7755**	1	HOUSING AS (LOWER)	
	12	1	**314-5274**	1	SHAFT (INNER)	
	13	1	**192-7767**	1	SCISSORS AS	
	14	1	**192-7783**	1	TOGGLE AS (WIDE)	
	15	1	**192-7787**	1	TOGGLE AS (NARROW)	
	16	1	**192-7790**	1	HOUSING AS (UPPER)	
	17	1	**192-7795**	1	BOOT	
CY	18	1	**433-5754**	1	HARNESS AS-WIRING (SEAT AIR COMPRESSOR)	388
	19	1	**192-7810**	1	SPRING AS-AIR	
		1	**5P-4423**	1	ELBOW	
		1	**163-1135**	1	SPRING	
	20	1	**192-7812**	1	BOLT-SPECIAL	
	21	1	**192-7820**	3	BUMPER	
	22	1	**314-5275**	1	SHAFT (OUTER)	
	25	1	**108-4311**	1	SCREW-MACHINE (3/8-16X0.75-IN)	
	26	1	**2K-4973**	8	LOCKNUT (3/8-16-THD)	
	27	1	**3J-4818**	1	LOCKWASHER (EXTERNAL TOOTH)	
M	28	1	**5C-2890**	3	NUT (M6X1-THD)	
	29	1	**8T-9371**	1	BOLT (3/8-16X0.5-IN)	
E	30	1	**211-5358**		CONDUIT-FLEXIBLE (26.7-CM)	
E	30A	1	**211-5358**		CONDUIT-FLEXIBLE (35.6-CM)	
D	31	1	**5P-6010**		TUBE (0.27-M)	
D	31A	1	**5P-6010**		TUBE (0.36-M)	
C	32	1	**442-8151**	1	CLIP-CABLE	
C	33	1	**3S-2093**	4	STRAP-CABLE	
					AVAILABLE REPAIR KIT(S):	
			192-7799	1	KIT-AIR VALVE & SWITCH (SUSPENSION SEAT)	
					(INCLUDES KNOB AS, NUT, VALVE, LOCKWASHER & FITTING)	
			192-7848	1	KIT-SHOCK ABSORBER (SUSPENSION SEAT)	
					(INCLUDES LOCKNUT, LOCKWASHER, SHOCK ABSORBER, BEARINGS, WASHER & BOLTS)	
			211-9294	1	KIT-TETHER (SUSPENSION SEAT)	
					(INCLUDES TETHERS)	
AB			**213-5170**	1	KIT-SEAT ADJUSTER (SEAT ADJUSTMENT)	
					(INCLUDES BOLTS, NUTS, ROD, ARM & HOUSING)	
AB			**212-7779**	1	KIT-SHOCK ABSORBER (SUSPENSION SEAT) (ADJUSTABLE SEAT)	
AB			**346-4360**	1	KIT-SHOCK ABSORBER (SUSPENSION SEAT) (HEAVY-DUTY)	

191-2933 **SUSPENSION GP-SEAT (**contd.**)** **i06982753**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
					(INCLUDES SHOCK ABSORBER, BEARINGS, WASHERS, BOLTS, LOCKNUT, & LOCKWASHER)	
C			**397-6405**	1	KIT-SEAT AIR COMPRESSOR (SUSPENSION SEAT)	
					(INCLUDES STRAP, SCREWS, COMPRESSOR AS, BRACKET & HARNESS ASSEMBLIES)	

A - NOT PART OF THIS GROUP
B - USE AS REQUIRED
C - CHANGE FROM PREVIOUS TYPE
D - ORDER BY THE METER
E - ORDER BY THE CENTIMETER
M - METRIC PART
Y - SEPARATE ILLUSTRATION

191-2933 **SUSPENSION GP-SEAT (**contd.**)** **i06982753**



GRAPHIC #1 <END> g03687048

191-2933 SUSPENSION GP-SEAT—AIR

S/N: BTW1-UP
24-VOLT
PART OF 219-8090 SEAT GP-SUSPENSION
TYPE 3

SMCS-7324 **i06982769**

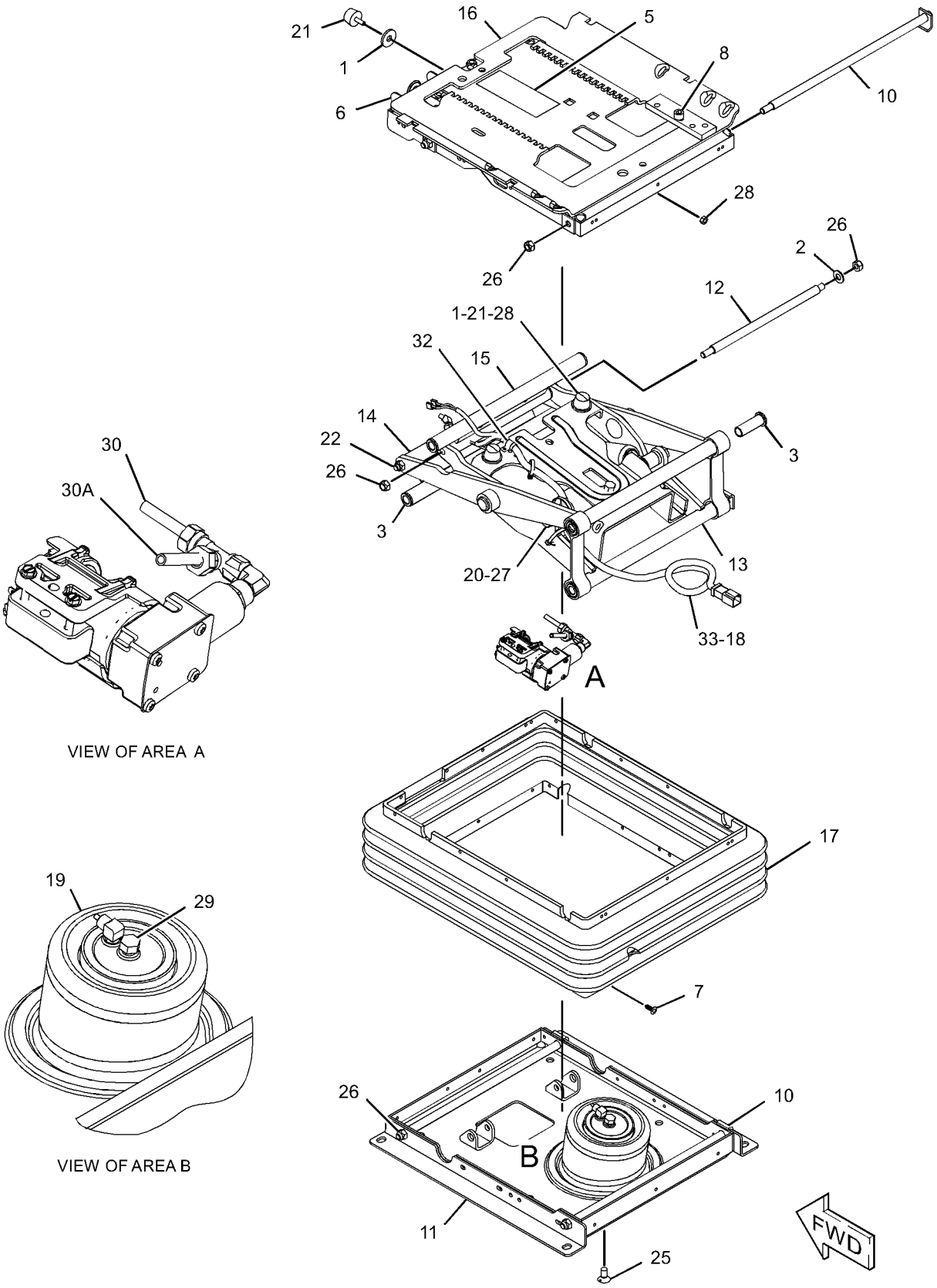
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3P-9900**	5	WASHER (10.5X30X3-MM THK)	
	2	1	**4B-4278**	2	WASHER (10.2X20.5X1.6-MM THK)	
	3	1	**4V-8577**	12	BEARING	
	5	1	**145-0326**	1	FILM-INSTRUCTION (SEAT ADJUSTMENT)	
	6	1	**164-1234**	1	PLATE	
	7	1	**101-0003**	26	FASTENER	
	8	1	**169-7380**	1	BOLT-SOCKET HEAD (3/8-16X0.375-IN)	
	10	1	**192-7752**	4	SHAFT AS	
	11	1	**192-7755**	1	HOUSING AS (LOWER)	
	12	1	**314-5274**	1	SHAFT (INNER)	
	13	1	**192-7767**	1	SCISSORS AS	
	14	1	**192-7783**	1	TOGGLE AS (WIDE)	
	15	1	**192-7787**	1	TOGGLE AS (NARROW)	
	16	1	**192-7790**	1	HOUSING AS (UPPER)	
	17	1	**192-7795**	1	BOOT	
Y	18	1	**433-5754**	1	HARNESS AS-WIRING (SEAT AIR COMPRESSOR)	388
	19	1	**192-7810**	1	SPRING AS-AIR	
		1	**5P-4423**	1	ELBOW	
		1	**163-1135**	1	SPRING	
	20	1	**192-7812**	1	BOLT-SPECIAL	
	21	1	**192-7820**	3	BUMPER	
	22	1	**314-5275**	1	SHAFT (OUTER)	
	25	1	**108-4311**	1	SCREW-MACHINE (3/8-16X0.75-IN)	
	26	1	**2K-4973**	8	LOCKNUT (3/8-16-THD)	
	27	1	**3J-4818**	1	LOCKWASHER (EXTERNAL TOOTH)	
M	28	1	**5C-2890**	3	NUT (M6X1-THD)	
	29	1	**8T-9371**	1	BOLT (3/8-16X0.5-IN)	
CE	30	1	**211-5358**		CONDUIT-FLEXIBLE (29-CM)	
CE	30A	1	**211-5358**		CONDUIT-FLEXIBLE (43-CM)	
	32	1	**442-8151**	1	CLIP-CABLE	
C	33	1	**3S-2093**	5	STRAP-CABLE	
					AVAILABLE REPAIR KIT(S):	
			192-7799	1	KIT-AIR VALVE & SWITCH (SUSPENSION SEAT)	
					(INCLUDES KNOB AS, NUT, VALVE, LOCKWASHER & FITTING)	
			192-7848	1	KIT-SHOCK ABSORBER (SUSPENSION SEAT)	
					(INCLUDES LOCKNUT, LOCKWASHER, SHOCK ABSORBER, BEARINGS, WASHER & BOLTS)	
			211-9294	1	KIT-TETHER (SUSPENSION SEAT)	
					(INCLUDES TETHERS)	
AB			**213-5170**	1	KIT-SEAT ADJUSTER (SEAT ADJUSTMENT)	
					(INCLUDES BOLTS, NUTS, ROD, ARM & HOUSING)	
AB			**212-7779**	1	KIT-SHOCK ABSORBER (SUSPENSION SEAT) (ADJUSTABLE SEAT)	
AB			**346-4360**	1	KIT-SHOCK ABSORBER (SUSPENSION SEAT) (HEAVY-DUTY)	
					(INCLUDES SHOCK ABSORBER, BEARINGS, WASHERS, BOLTS, LOCKNUT, & LOCKWASHER)	

191-2933 **SUSPENSION GP-SEAT (**contd.**)** **i06982769**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C			**452-6716**	1	KIT-SEAT AIR COMPRESSOR (SUSPENSION SEAT)	
					(INCLUDES SCREWS, COMPRESSOR AS, BRACKET, STRAPS & HOSE)	

A - NOT PART OF THIS GROUP
B - USE AS REQUIRED
C - CHANGE FROM PREVIOUS TYPE
E - ORDER BY THE CENTIMETER
M - METRIC PART
Y - SEPARATE ILLUSTRATION

191-2933 **SUSPENSION GP-SEAT (**contd.**)** **i06982769**



GRAPHIC #1 <END> g03802066

277-8032 SUSPENSION GP-SEAT—AIR

S/N: BTW1-UP

PART OF 219-8090 SEAT GP-SUSPENSION

TYPE 1

SMCS-7324 **i05772795**

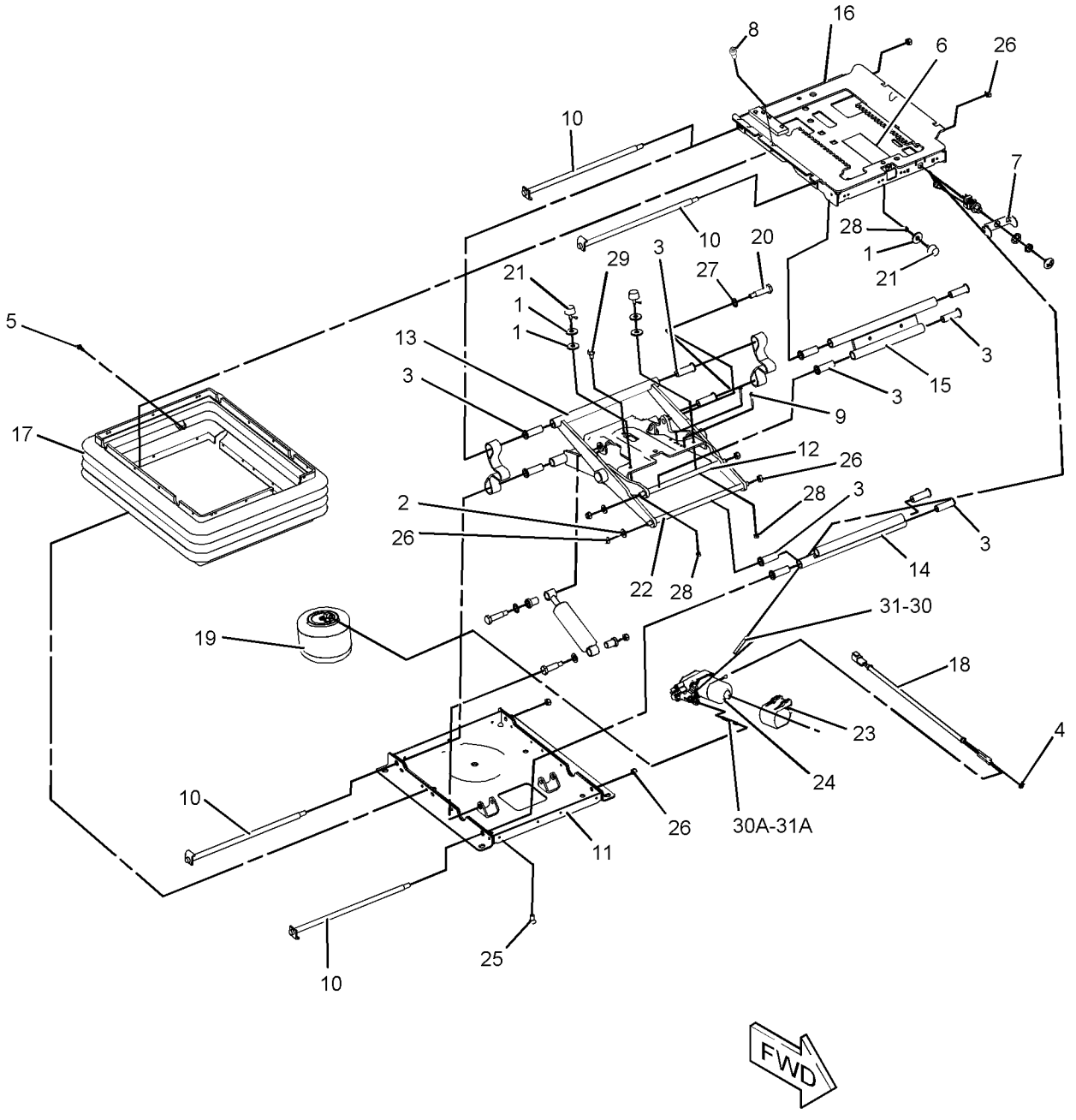
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3P-9900**	5	WASHER (10.5X30X3-MM THK)	
	2	1	**4B-4278**	2	WASHER (10.2X20.5X1.6-MM THK)	
	3	1	**4V-8577**	12	BEARING	
	4	1	**8L-8413**	1	STRAP-CABLE (WHITE)	
	5	1	**101-0003**	26	FASTENER	
	6	1	**145-0326**	1	FILM-INSTRUCTION (SEAT ADJUSTMENT)	
	7	1	**164-1234**	1	PLATE	
	8	1	**169-7380**	1	BOLT-SOCKET HEAD (3/8-16X0.375-IN)	
	9	1	**186-5107**	2	SCREW-DRIVE (NO 8-16X1.25-IN)	
	10	1	**192-7752**	4	SHAFT AS	
	11	1	**192-7755**	1	HOUSING AS (LOWER)	
	12	1	**314-5274**	1	SHAFT (INNER)	
	13	1	**192-7767**	1	SCISSORS AS	
	14	1	**192-7783**	1	TOGGLE AS (WIDE)	
	15	1	**192-7787**	1	TOGGLE AS (NARROW)	
	16	1	**192-7790**	1	HOUSING AS (UPPER)	
	17	1	**192-7795**	1	BOOT	
	18	1	**192-7805**	1	HARNESS AS-VALVE (SEAT AIR COMPRESSOR)	
		1	**5P-4571**	2	TERMINAL-BLADE (14-GA TO 16-GA)	
					—OR—	
		1	**7N-7221**	2	TERMINAL-BLADE (18-GA TO 22-GA)	
		1	**8T-8729**	2	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
E		1	**211-5358**		CONDUIT-FLEXIBLE (64-CM)	
	19	1	**192-7810**	1	SPRING AS-AIR	
		1	**5P-4423**	1	ELBOW	
	20	1	**192-7812**	1	BOLT-SPECIAL	
	21	1	**192-7820**	3	BUMPER	
	22	1	**314-5275**	1	SHAFT (OUTER)	
	23	1	**237-3943**	1	BRACKET	
Y	24	1	**237-3970**	1	AIR COMPRESSOR GP-SEAT	1209
	25	1	**108-4311**	1	SCREW-MACHINE (3/8-16X0.75-IN)	
	26	1	**2K-4973**	8	LOCKNUT (3/8-16-THD)	
	27	1	**3J-4818**	1	LOCKWASHER (EXTERNAL TOOTH)	
M	28	1	**5C-2890**	3	NUT (M6X1-THD)	
	29	1	**8T-9371**	1	BOLT (3/8-16X0.5-IN)	
E	30	1	**211-5358**		CONDUIT-FLEXIBLE (27-CM)	
E	30A	1	**211-5358**		CONDUIT-FLEXIBLE (36-CM)	
D	31	1	**5P-6010**		TUBE (0.3-M)	
D	31A	1	**5P-6010**		TUBE (0.4-M)	
					AVAILABLE REPAIR KIT(S):	
			192-7799	1	KIT-AIR VALVE & SWITCH	
					(INCLUDES FITTING, LOCKWASHER, NUT, VALVE & KNOB AS)	
B			**192-7848**	1	KIT-SHOCK ABSORBER (SUSPENSION SEAT)	
					(INCLUDES SHOCK ABSORBER, BEARINGS, WASHERS, BOLTS, LOCKNUT, & LOCKWASHER)	

277-8032 **SUSPENSION GP-SEAT (**contd.**)** **i05772795**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
			211-9294	1	KIT-TETHER	
					(INCLUDES TETHER)	
AB			**213-5170**	1	KIT-SEAT ADJUSTER (SEAT ADJUSTMENT)	
					(INCLUDES BOLTS, NUTS, ROD, ARM & HOUSING)	
ABY			**212-7779**	1	KIT-SHOCK ABSORBER (SUSPENSION SEAT) (ADJUSTABLE SEAT)	1265
AB			**346-4360**	1	KIT-SHOCK ABSORBER (SUSPENSION SEAT) (HEAVY-DUTY)	
					(INCLUDES SHOCK ABSORBER, BEARINGS, WASHERS, BOLTS, LOCKNUT, & LOCKWASHER)	

A - NOT PART OF THIS GROUP
B - USE AS REQUIRED
D - ORDER BY THE METER
E - ORDER BY THE CENTIMETER
M - METRIC PART
Y - SEPARATE ILLUSTRATION

277-8032 **SUSPENSION GP-SEAT** (contd.) **i05772795**



GRAPHIC #1 <END> g01218573

277-8032 SUSPENSION GP-SEAT—AIR

S/N: BTW1-UP

PART OF 219-8090 SEAT GP-SUSPENSION

TYPE 2

SMCS-7324 **i05772796**

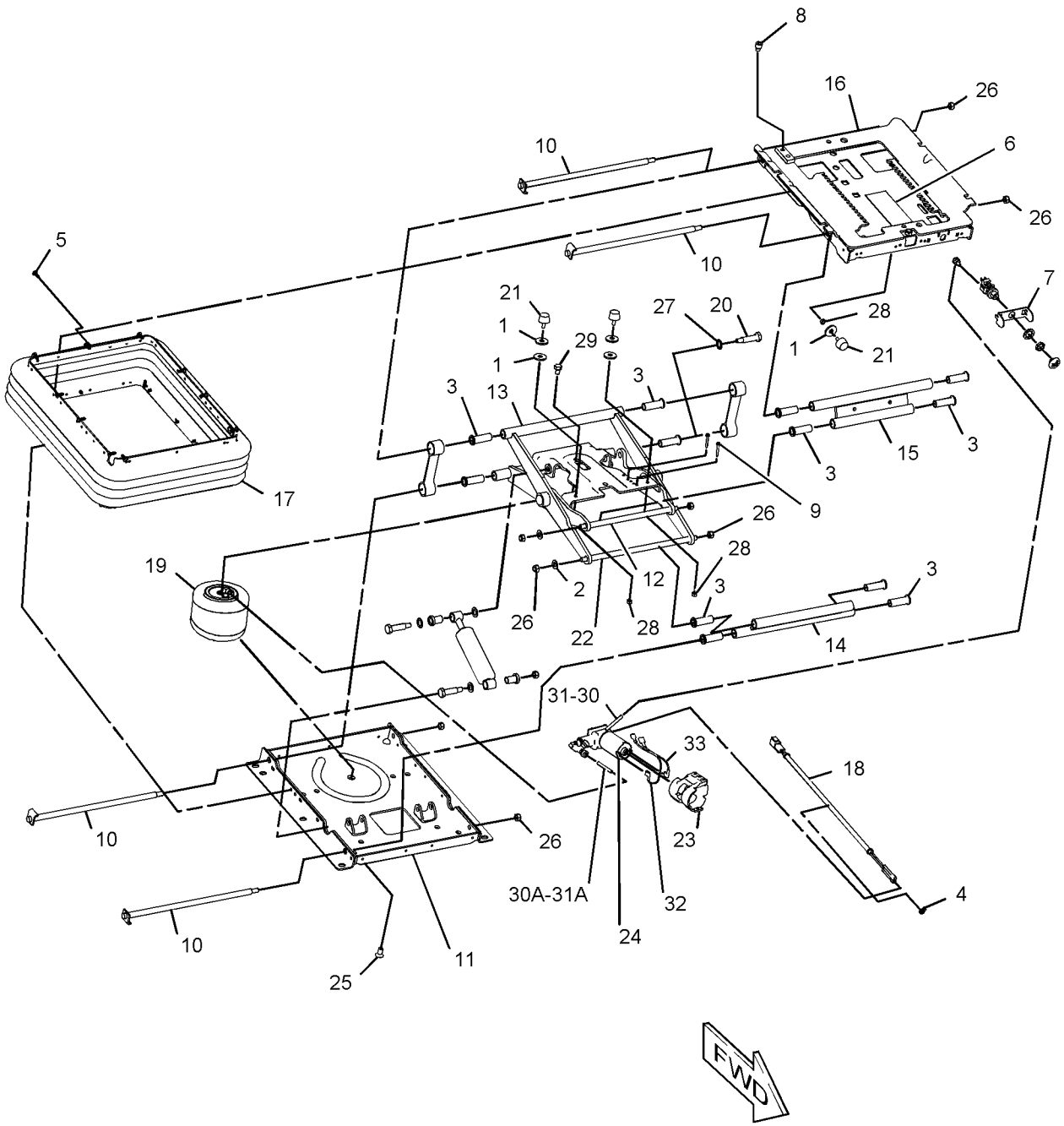
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3P-9900**	5	WASHER (10.5X30X3-MM THK)	
	2	1	**4B-4278**	2	WASHER (10.2X20.5X1.6-MM THK)	
	3	1	**4V-8577**	12	BEARING	
	4	1	**8L-8413**	1	STRAP-CABLE (WHITE)	
	5	1	**101-0003**	26	FASTENER	
	6	1	**145-0326**	1	FILM-INSTRUCTION (SEAT ADJUSTMENT)	
	7	1	**164-1234**	1	PLATE	
	8	1	**169-7380**	1	BOLT-SOCKET HEAD (3/8-16X0.375-IN)	
	9	1	**186-5107**	2	SCREW-DRIVE (NO 8-16X1.25-IN)	
	10	1	**192-7752**	4	SHAFT AS	
	11	1	**192-7755**	1	HOUSING AS (LOWER)	
	12	1	**314-5274**	1	SHAFT (INNER)	
	13	1	**192-7767**	1	SCISSORS AS	
	14	1	**192-7783**	1	TOGGLE AS (WIDE)	
	15	1	**192-7787**	1	TOGGLE AS (NARROW)	
	16	1	**192-7790**	1	HOUSING AS (UPPER)	
	17	1	**192-7795**	1	BOOT	
	18	1	**192-7805**	1	HARNESS AS-VALVE (SEAT AIR COMPRESSOR)	
		1	**5P-4571**	2	TERMINAL-BLADE (14-GA TO 16-GA)	
					—OR—	
		1	**7N-7221**	2	TERMINAL-BLADE (18-GA TO 22-GA)	
		1	**8T-8729**	2	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	**102-8802**	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
E		1	**211-5358**		CONDUIT-FLEXIBLE (64-CM)	
	19	1	**192-7810**	1	SPRING AS-AIR	
		1	**5P-4423**	1	ELBOW	
	20	1	**192-7812**	1	BOLT-SPECIAL	
	21	1	**192-7820**	3	BUMPER	
	22	1	**314-5275**	1	SHAFT (OUTER)	
C	23	1	**372-2158**	1	BRACKET-MOUNTING	
C	24	1	**370-9894**	1	COMPRESSOR AS	
	25	1	**108-4311**	1	SCREW-MACHINE (3/8-16X0.75-IN)	
	26	1	**2K-4973**	8	LOCKNUT (3/8-16-THD)	
	27	1	**3J-4818**	1	LOCKWASHER (EXTERNAL TOOTH)	
M	28	1	**5C-2890**	3	NUT (M6X1-THD)	
	29	1	**8T-9371**	1	BOLT (3/8-16X0.5-IN)	
E	30	1	**211-5358**		CONDUIT-FLEXIBLE (27-CM)	
E	30A	1	**211-5358**		CONDUIT-FLEXIBLE (36-CM)	
D	31	1	**5P-6010**		TUBE (0.3-M)	
D	31A	1	**5P-6010**		TUBE (0.4-M)	
C	32	1	**387-0314**	1	WIRE AS (16-GA, ORANGE)	
C	33	1	**387-0317**	1	WIRE AS (16-GA, BLACK)	
					AVAILABLE REPAIR KIT(S):	
			192-7799	1	KIT-AIR VALVE & SWITCH	
					(INCLUDES FITTING, LOCKWASHER, NUT, VALVE & KNOB AS)	

277-8032 **SUSPENSION GP-SEAT (**contd.**)** **i05772796**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
			192-7848	1	KIT-SHOCK ABSORBER (SUSPENSION SEAT)	
					(INCLUDES SHOCK ABSORBER, BEARINGS, WASHERS, BOLTS, LOCKNUT, & LOCKWASHER)	
			211-9294	1	KIT-TETHER	
					(INCLUDES TETHER)	
AB			**213-5170**	1	KIT-SEAT ADJUSTER (SEAT ADJUSTMENT)	
					(INCLUDES BOLTS, NUTS, ROD, ARM & HOUSING)	
ABY			**212-7779**	1	KIT-SHOCK ABSORBER (SUSPENSION SEAT) (ADJUSTABLE SEAT)	1265
AB			**346-4360**	1	KIT-SHOCK ABSORBER (SUSPENSION SEAT) (HEAVY-DUTY)	
					(INCLUDES SHOCK ABSORBER, BEARINGS, WASHERS, BOLTS, LOCKNUT, & LOCKWASHER)	

A - NOT PART OF THIS GROUP
B - USE AS REQUIRED
C - CHANGE FROM PREVIOUS TYPE
D - ORDER BY THE METER
E - ORDER BY THE CENTIMETER
M - METRIC PART
Y - SEPARATE ILLUSTRATION

277-8032 **SUSPENSION GP-SEAT (**contd.**)** **i05772796**



GRAPHIC #1 <END> g03391252

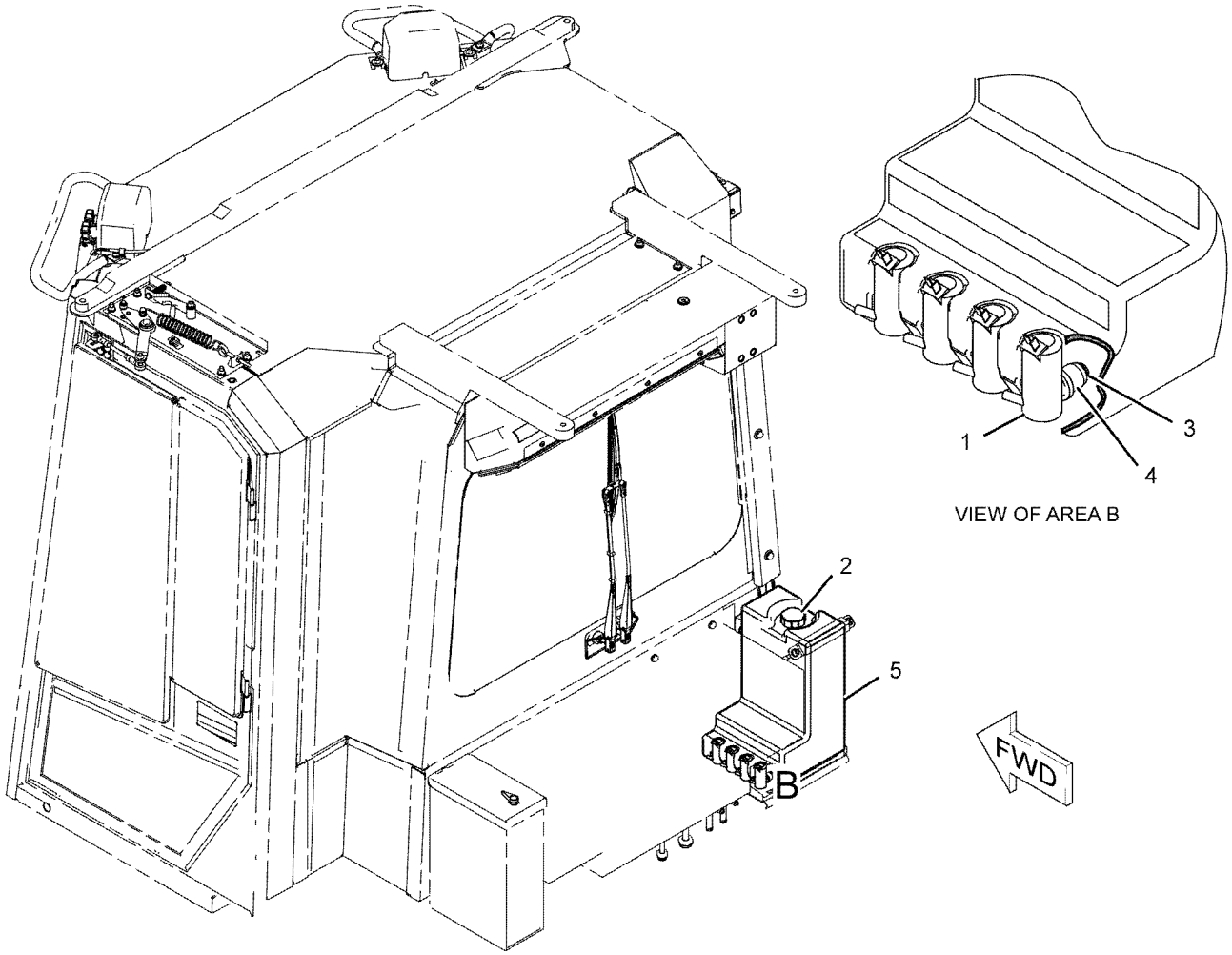
242-1915 WASHER GP-WINDOW

S/N: BTW1-UP

PART OF 242-1901 WIPER & WASHER GP-WINDOW

SMCS-7306 **i05375454**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7T-8890**	4	PUMP AS-WASHER (24-VOLT)	
	2	1	**322-4964**	1	CAP-VENTED (WINDOW WASHER TANK)	
	3	1	**8T-5913**	4	SCREEN-FILTER (WINDOW WASHER PUMP)	
	4	1	**8T-5914**	4	GROMMET	
	5	1	**242-1921**	1	RESERVOIR	



VIEW OF AREA B

GRAPHIC #1 <END> g01091336

242-1901 WIPER & WASHER GP-WINDOW—FRONT, REAR

S/N: BTW1-UP

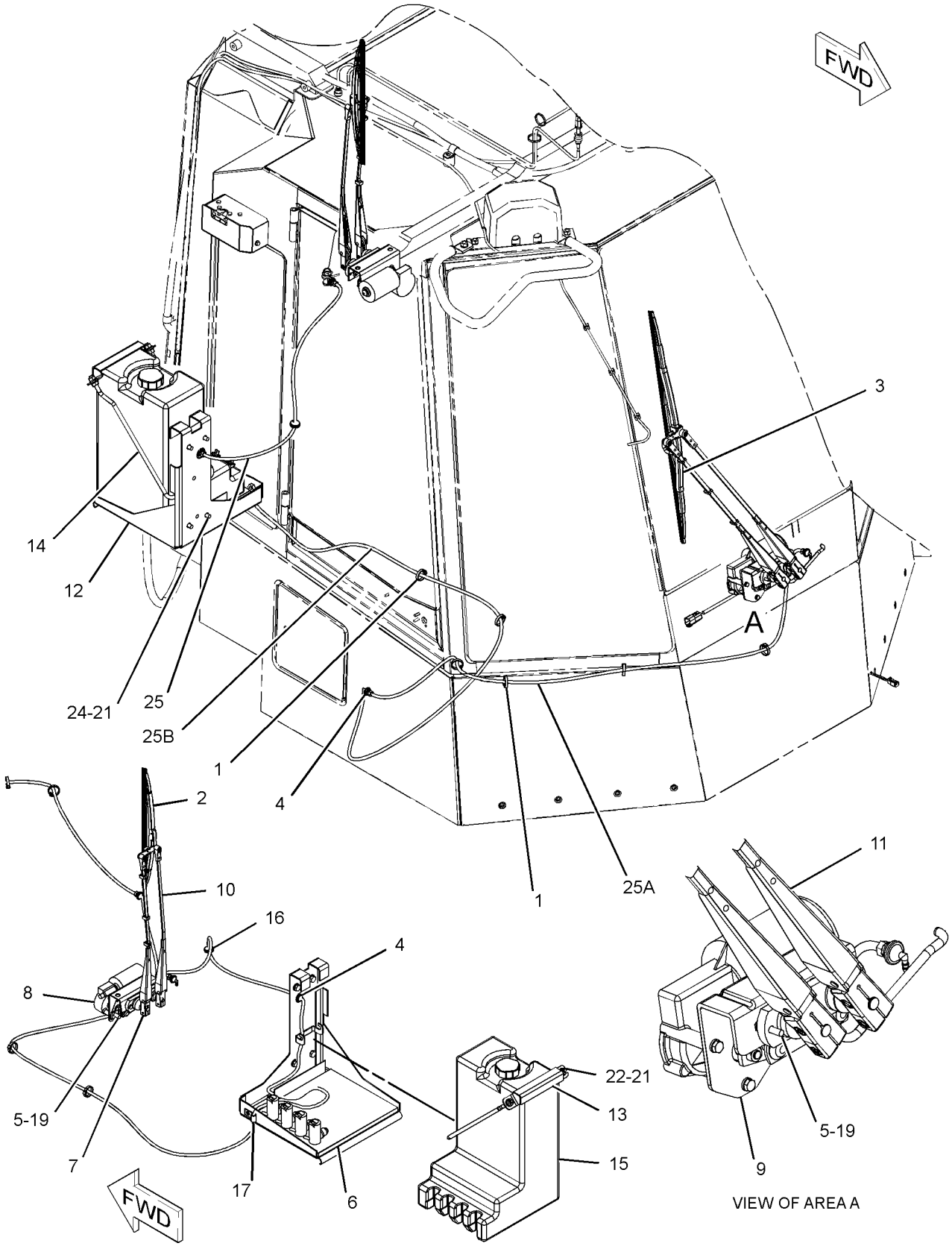
PART OF 234-5964, 281-4121 CAB AR

SMCS-7305, 7306 **i02713466**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3S-2093**	6	STRAP-CABLE	
	2	1	**6V-5851**	1	BLADE AS-WIPER (400-MM) (REAR)	
	3	1	**6V-7419**	1	BLADE AS-WIPER (700-MM) (FRONT)	
	4	1	**8T-5400**	4	CONNECTOR	
	5	1	**9N-1713**	2	WASHER (0.281X0.480X0.065-IN THK)	
	6	1	**9U-0838**	1	MAT	
	7	1	**155-5779**	2	WIPER PIVOT AS	
Y	8	1	**155-5784**	1	MOTOR GP-WINDOW WIPER (24-VOLT) (REAR)	1297
Y	9	1	**185-2154**	1	MOTOR GP-WINDOW WIPER (24-VOLT) (FRONT)	1298
	10	1	**185-2155**	1	ARM AS-WIPER	
Y	11	1	**214-7635**	1	ARM GP-WINDOW WIPER (FRONT)	1218
	12	1	**242-1912**	1	SHEET AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5-THD)	
M		1	**8Y-3925**	1	BOSS (M10X1.5X30-MM)	
	13	1	**242-1913**	1	ANGLE AS	
	14	1	**242-1914**	1	ROD	
Y	15	1	*242-1915*	1	WASHER GP-WINDOW	1392
	16	1	**5P-8525**	1	GROMMET	
	17	1	**6V-3265**	1	CLIP	
M	19	1	**6V-7357**	2	BOLT (M6X1X25-MM)	
	21	1	**8T-4121**	8	WASHER-HARD (11X21X2.5-MM THK)	
M	22	1	**8T-4133**	4	NUT (M10X1.5-THD)	
M	24	1	**8T-4191**	4	BOLT (M10X1.5X16-MM)	
E	25	1	**144-0195**		HOSE (83-CM EACH)	
E	25A	1	**144-0195**		HOSE (122-CM)	
E	25B	1	**144-0195**		HOSE (234-CM)	

E - ORDER BY THE CENTIMETER
M - METRIC PART
Y - SEPARATE ILLUSTRATION

242-1901 **WIPER & WASHER GP-WINDOW (**contd.**)** **i02713466**



GRAPHIC #1 <END> g01372530

236-5417 WIPER GP-WINDOW—FRONT QUARTER

S/N: BTW1-UP

PART OF 234-5964, 281-4121 CAB AR

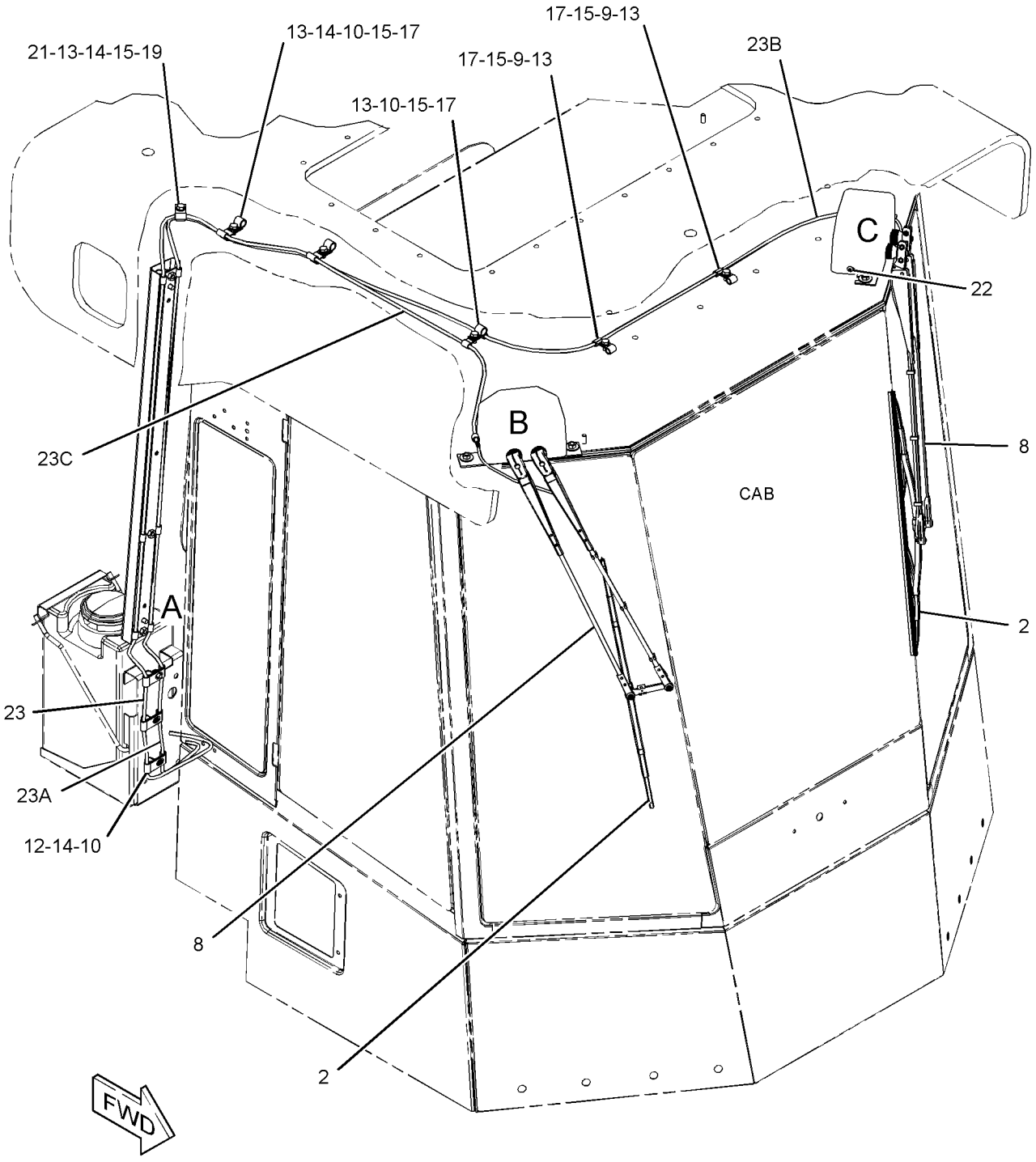
SMCS-7305 **i05313903**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**3V-3263**	4	CONNECTOR (HOSE)	
	2	1	**6V-7419**	2	BLADE AS-WIPER (700-MM) (SIDE WINDOW)	
	3	2	**9U-0124**	1	CHANNEL	
	4	2	**9U-0125**	1	STRIP AS	
M		2	**8T-3490**	3	NUT-WELD (M10X1.5-THD)	
M		2	**8Y-3925**	3	BOSS (M10X1.5X30-MM)	
Y	5	2	**190-3445**	1	MOTOR GP-WINDOW WIPER (FRONT QUARTER, RH)	1299
Y	6	2	**190-3446**	1	MOTOR GP-WINDOW WIPER (FRONT QUARTER, LH)	1300
	7	2	**204-3561**	2	COVER	
Y	8	1	**214-7636**	2	ARM GP-WINDOW WIPER (FRONT)	1219
	9	1	**033-8248**	2	CLIP	
	10	1,2	**174-5907**	9	CLIP	
	11	2	**2V-3216**	2	CLIP	
	12	1,2	**5P-9297**	3	CLIP	
	13	1,2	**6V-3265**	13	CLIP	
	14	1,2	**7N-3718**	6	CLIP	
	15	1,2	**8T-4121**	15	WASHER-HARD (11X21X2.5-MM THK)	
M	16	2	**8T-4133**	4	NUT (M10X1.5-THD)	
M	17	1,2	**8T-4137**	8	BOLT (M10X1.5X20-MM)	
M	18	2	**8T-4191**	6	BOLT (M10X1.5X16-MM)	
M	19	1	**8T-4182**	1	BOLT (M10X1.5X45-MM)	
	20	2	**8T-4222**	4	WASHER-PLATED (11X32X2.5-MM THK)	
	21	1	**9R-5383**	1	BOSS	
M	22	1,2	**9X-2042**	4	SCREW-TRUSS HEAD (M6X1X12-MM)	
E	23	1	**144-0195**		HOSE (97-CM)	
E	23A	1	**144-0195**		HOSE (87-CM)	
E	23B	1	**144-0195**		HOSE (313-CM)	
E	23C	1	**144-0195**		HOSE (233-CM)	

E - ORDER BY THE CENTIMETER
M - METRIC PART
Y - SEPARATE ILLUSTRATION

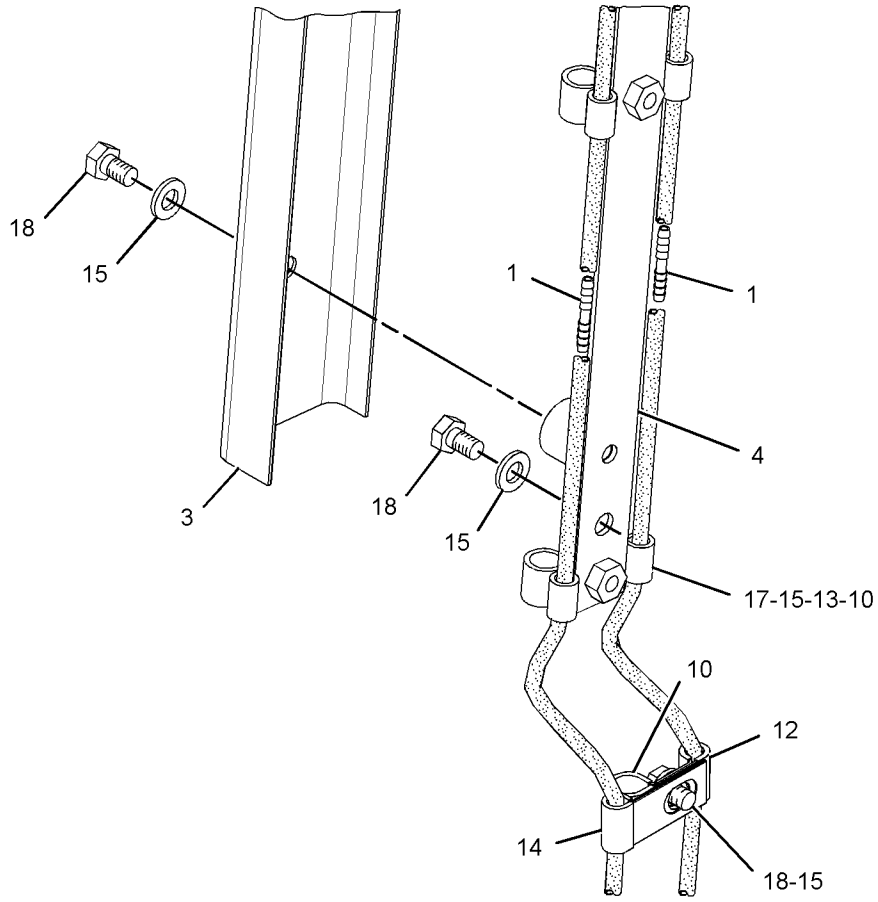
236-5417 **WIPER GP-WINDOW (**contd.**)** **i05313903**

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

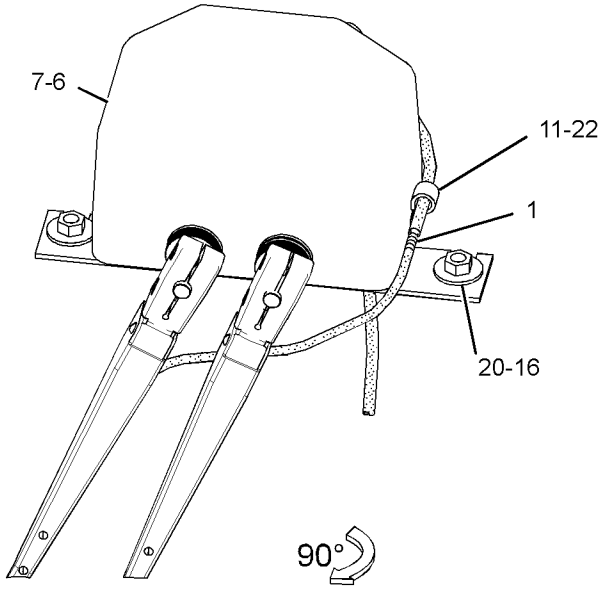


GRAPHIC #1 g01449849

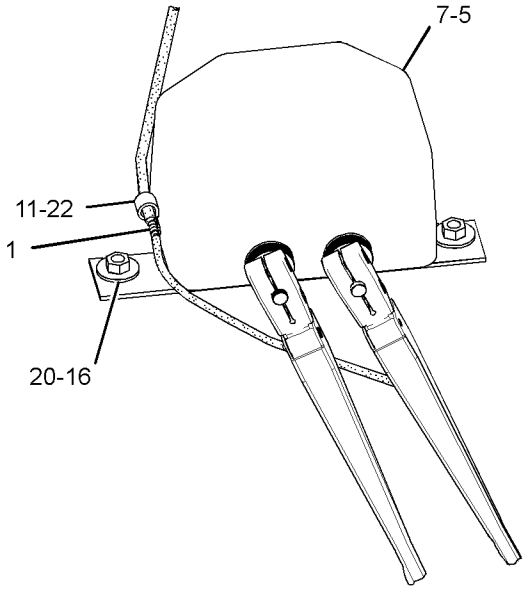
236-5417 **WIPER GP-WINDOW (**contd.**)** **i05313903**



VIEW OF AREA A



VIEW OF AREA C



VIEW OF AREA B

GRAPHIC #2 <END> g01449850

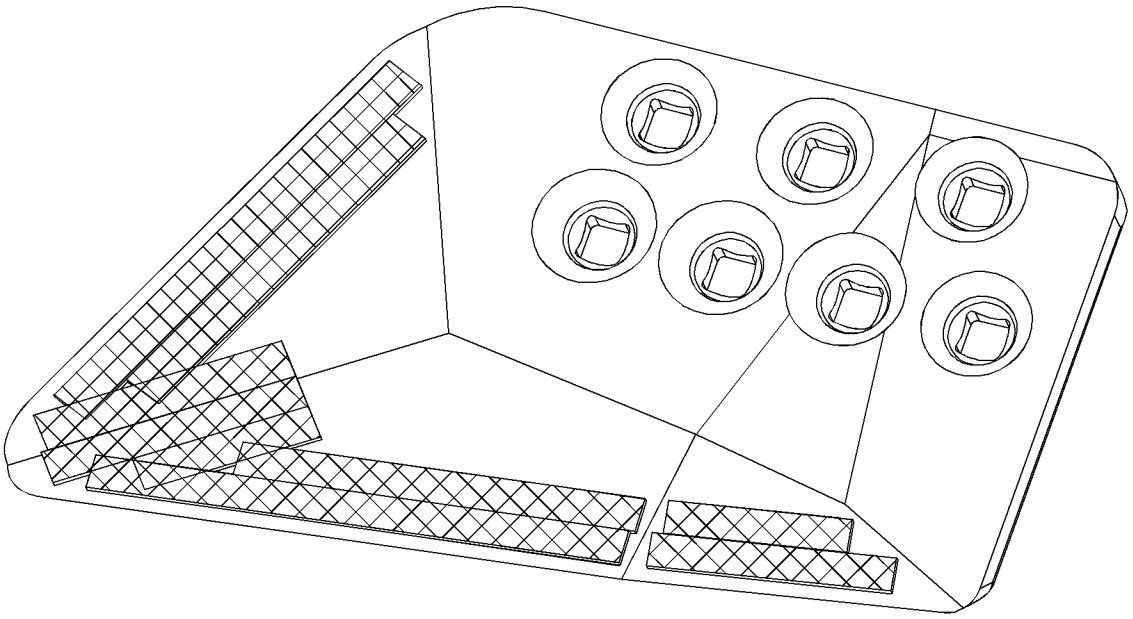
275-5993 BIT-END—RH

S/N: BTW1-UP

ABRASIVE RESISTANT MATERIAL

SMCS-6804 **i04226832**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
					(NO SERVICED PARTS)	



GRAPHIC #1 <END> g02432337

275-5994 BIT-END–LH

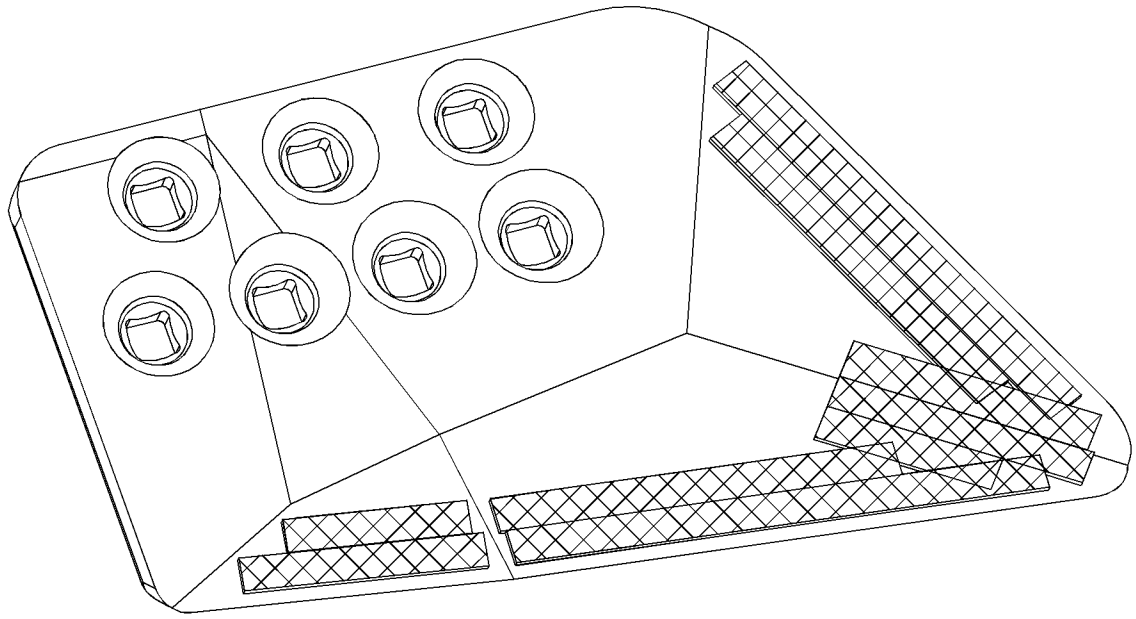
S/N: BTW1-UP

ABRASIVE RESISTANT MATERIAL

SMCS-6804 **i04226891**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE

(NO SERVICED PARTS)



GRAPHIC #1 <END> g02432396

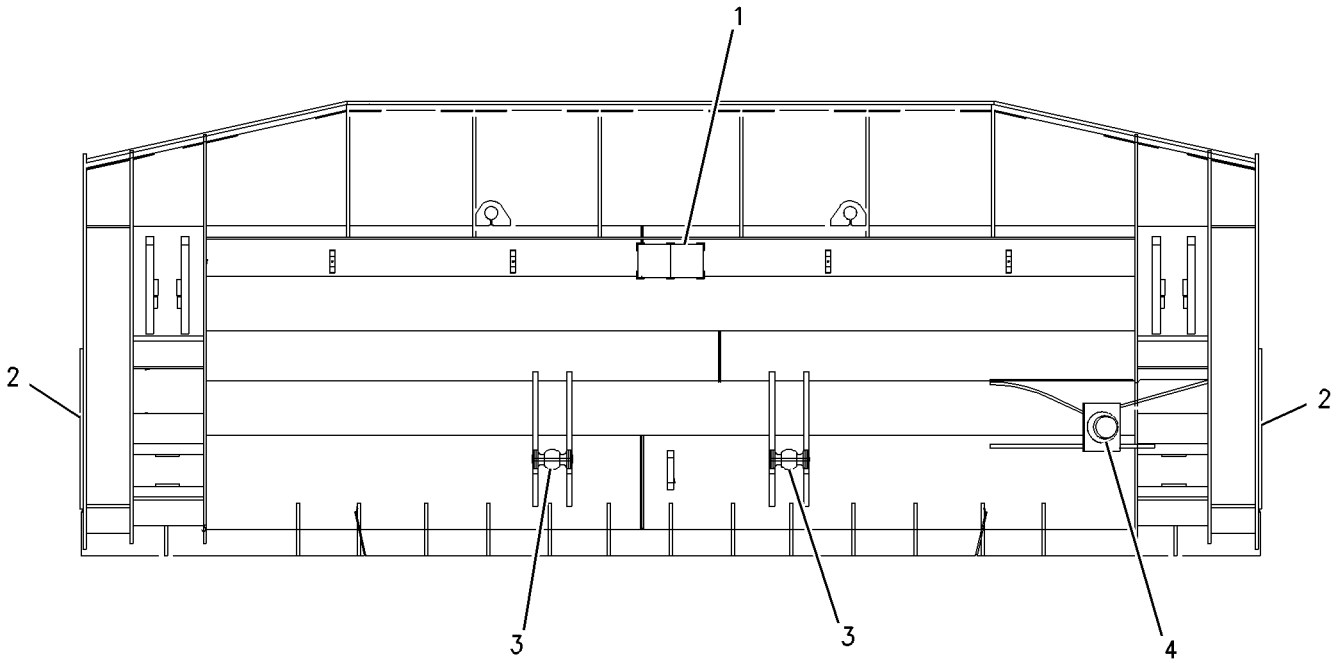
155-6601 BLADE AS-COAL

S/N: BTW1-UP

PART OF 153-2111 BLADE GP-COAL

SMCS-6060 **i01664189**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**153-6972**	2	PLATE	
	2	1	**153-7811**	2	PLATE-CUTTER	
	3	1	**9J-0123**	2	TRUNNION	
	4	1	**110-2966**	1	TRUNNION	



GRAPHIC #1 <END> g00860742

155-6600 BLADE AS-SEMI-UNIVERSAL

S/N: BTW1-UP

PART OF 153-2110 BLADE GP-SEMI-UNIVERSAL

SMCS-6060, 6078

i00775375

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	153-6975	2	BAR-CUTTER	
	3G-9598	4	BUSHING	
	153-6972	2	PLATE	
	153-6971	2	PLATE	
	9J-0123	2	TRUNNION	
	110-2966	1	TRUNNION	

<END>

158-8740 BLADE AS-SEMI-UNIVERSAL

S/N: BTW1-UP

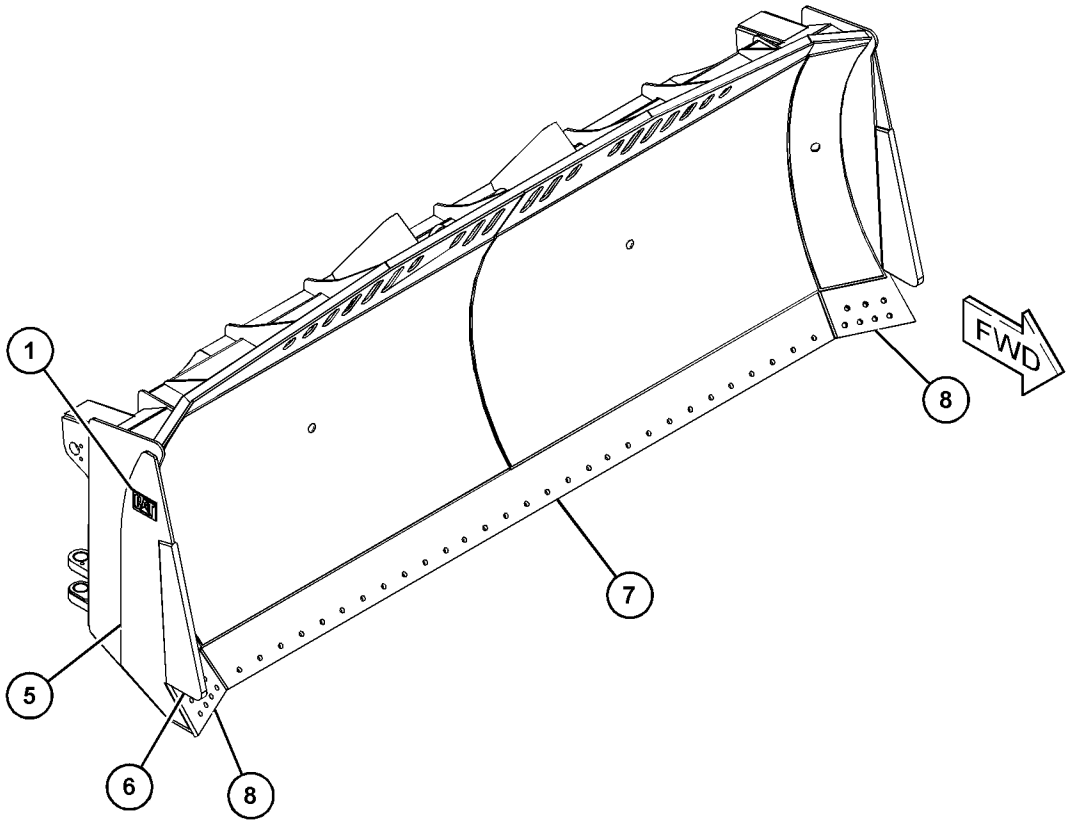
PART OF 158-4533 BLADE GP-SEMI-UNIVERSAL

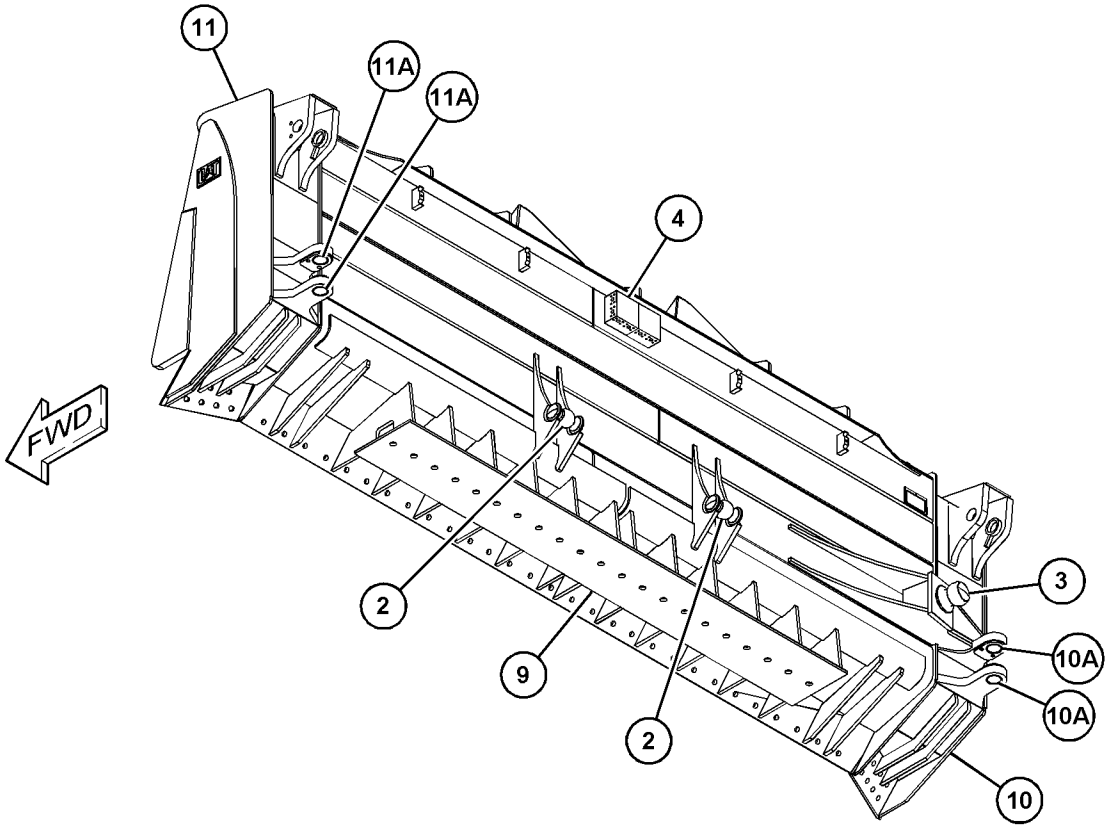
SMCS-6060, 6078

i05780461

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**2C-9259**	2	PLATE-IDENTIFICATION (CAT)	
	2	1	**9J-0123**	2	TRUNNION	
	3	1	**110-2966**	1	TRUNNION	
	4	1	**153-6972**	2	PLATE	
	5	1	**158-8741**	2	PLATE	
	6	1	**158-8742**	2	BAR-CUTTER	
	7	1	**391-5562**	1	EDGE-CUTTING	
	8	1	**391-5563**	2	EDGE-CUTTING	
	9	1	**391-5587**	1	PLATE-BASE	
	10	1	*391-5600*	1	BRACKET AS (RH)	
	10A	1	**3G-9598**	2	BUSHING	
	11	1	*391-5601*	1	BRACKET AS (LH)	
	11A	1	**3G-9598**	2	BUSHING	

158-8740 **BLADE AS-SEMI-UNIVERSAL (**contd.**)** **i05780461**





GRAPHIC #1 <END> g03667608

153-2111 BLADE GP-COAL

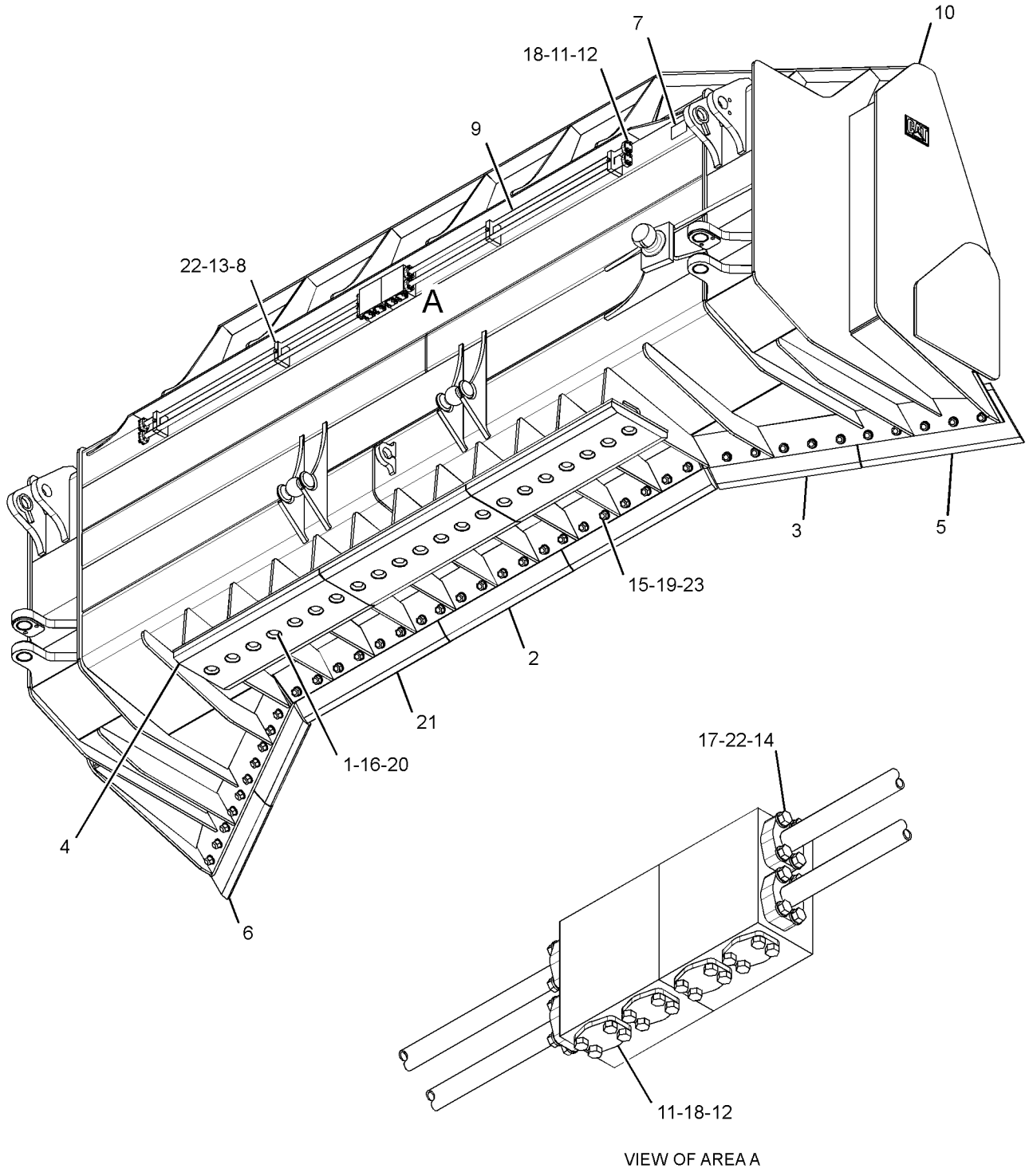
S/N: BTW1-UP

SMCS-6060 **i02889502**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3R-2299**	21	BOLT (1-1/4-7X3-IN)	
	2	1	**4T-6378**	1	EDGE-CUTTING	
	3	1	**6Y-5540**	2	EDGE-CUTTING	
	4	1	**135-9668**	3	SOLE	
	5	1	**135-9669**	1	EDGE-CUTTING	
	6	1	**135-9670**	1	EDGE-CUTTING	
	7	1	**137-4234**	1	PLATE-IDENTIFICATION (WORK TOOL)	
	8	1	**153-6974**	4	PLATE-CLAMP TOP	
	9	1	**153-7813**	4	TUBE AS	
Y	10	1	*155-6601*	1	BLADE AS-COAL	1400
	11	1	**177-1744**	8	PLATE	
	12	1	**0S-0509**	32	BOLT (3/8-16X0.75-IN)	
	13	1	**0S-1571**	4	BOLT (3/8-16X1.75-IN)	
	14	1	**0S-1588**	16	BOLT (3/8-16X1.25-IN)	
	15	1	**2J-3507**	40	NUT-FULL (1-8-THD)	
	16	1	**3K-9770**	21	NUT-FULL (1-1/4-7-THD)	
	17	1	**4J-5267**	4	SEAL-O-RING	
	18	1	**4J-8996**	8	SEAL-O-RING	
	19	1	**4J-9058**	40	BOLT-PLOW (1-8X3.25-IN)	
	20	1	**4K-0684**	21	WASHER-HARD (34X55X6-MM THK)	
	21	1	**4T-6386**	2	EDGE-CUTTING	
	22	1	**5M-2894**	20	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	23	1	**5P-8250**	40	WASHER (28X49X5-MM THK)	

Y - SEPARATE ILLUSTRATION

153-2111 **BLADE GP-COAL (**contd.**)** **i02889502**



VIEW OF AREA A

GRAPHIC #1 <END> g01446902

153-2110 BLADE GP-SEMI-UNIVERSAL

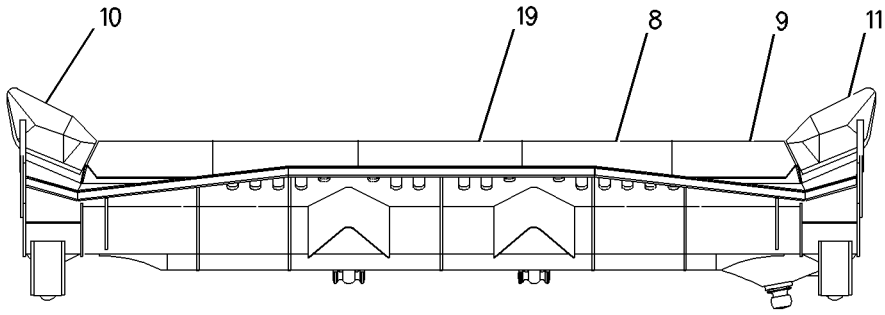
S/N: BTW1-UP

SMCS-6060, 6078 **i02024644**

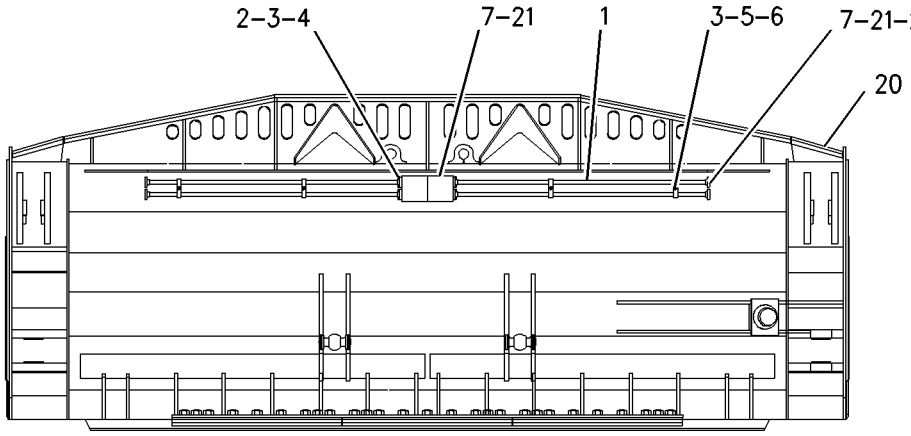
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**153-6973**	4	TUBE AS	
	2	1	**0S-1588**	16	BOLT (3/8-16X1.25-IN)	
	3	1	**5M-2894**	20	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	4	1	**4J-5267**	4	SEAL-O-RING	
	5	1	**153-6974**	4	PLATE-CLAMP TOP	
	6	1	**0S-1571**	4	BOLT (3/8-16X1.75-IN)	
	7	1	**177-1744**	8	PLATE	
	8	1	**9W-6092**	2	EDGE-CUTTING	
	9	1	**7T-9125**	2	EDGE-CUTTING	
	10	1	**8E-4196**	1	BIT-END (LH)	
	11	1	**8E-4197**	1	BIT-END (RH)	
	15	1	**3R-2299**	21	BOLT (1-1/4-7X3-IN)	
	16	1	**3K-9770**	21	NUT-FULL (1-1/4-7-THD)	
	17	1	**4K-0684**	21	WASHER-HARD (34X55X6-MM THK)	
	18	1	**135-9668**	3	SOLE	
	19	1	**9W-4500**	1	EDGE-CUTTING	
Y	20	1	*155-6600*	1	BLADE AS-SEMI-UNIVERSAL	1401
	21	1	**0S-0509**	32	BOLT (3/8-16X0.75-IN)	
	22	1	**4J-8996**	8	SEAL-O-RING	
F		1		43	BOLT-PLOW (1-8X3.25-IN)	
F		1		43	NUT-FULL (1-8-THD)	
F		1		43	WASHER (28X49X5-MM THK)	

F - NOT SHOWN
Y - SEPARATE ILLUSTRATION

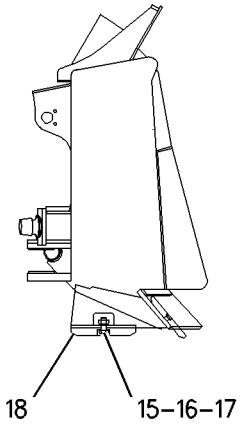
153-2110 **BLADE GP-SEMI-UNIVERSAL (**contd.**)** **i02024644**



TOP VIEW



REAR VIEW



RIGHT SIDE VIEW

GRAPHIC #1 <END> g00667463

158-4533 BLADE GP-SEMI-UNIVERSAL

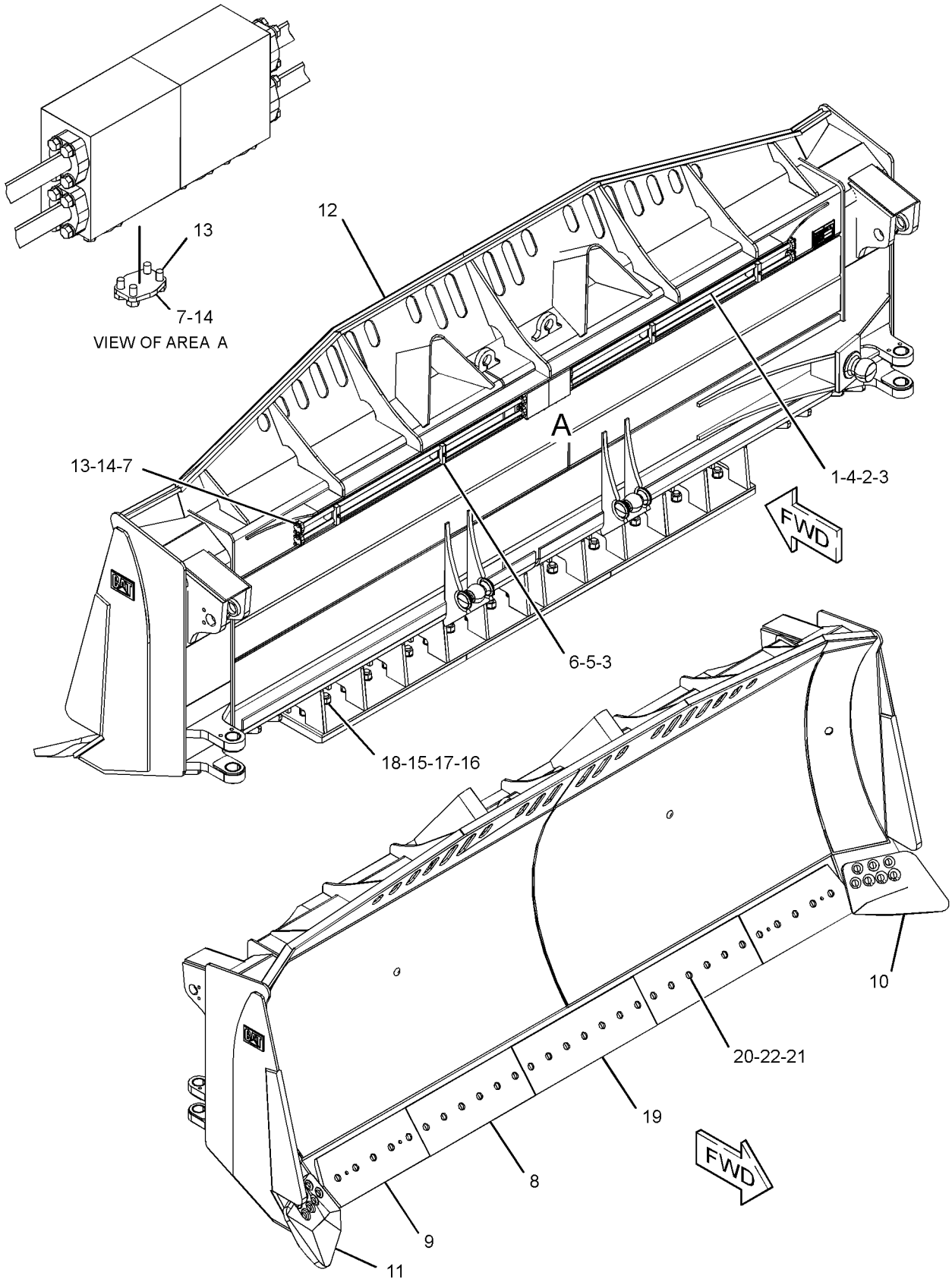
S/N: BTW1-UP
HEAVY DUTY

SMCS-6060, 6078 **i05350837**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**153-6973**	4	TUBE AS	
	2	1	**0S-1588**	16	BOLT (3/8-16X1.25-IN)	
	3	1	**5M-2894**	20	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	4	1	**4J-5267**	4	SEAL-O-RING	
	5	1	**153-6974**	4	PLATE-CLAMP TOP	
	6	1	**0S-1571**	4	BOLT (3/8-16X1.75-IN)	
	7	1	**177-1744**	8	PLATE	
	8	1	**9W-6092**	2	EDGE-CUTTING	
	9	1	**7T-9125**	2	EDGE-CUTTING	
	10	1	**8E-4196**	1	BIT-END (LH)	
	11	1	**8E-4197**	1	BIT-END (RH)	
Y	12	1	*158-8740*	1	BLADE AS-SEMI-UNIVERSAL	1402
	13	1	**0S-0509**	32	BOLT (3/8-16X0.75-IN)	
	14	1	**4J-8996**	8	SEAL-O-RING	
	15	1	**3R-2299**	21	BOLT (1-1/4-7X3-IN)	
	16	1	**3K-9770**	21	NUT-FULL (1-1/4-7-THD)	
	17	1	**4K-0684**	21	WASHER-HARD (34X55X6-MM THK)	
	18	1	**135-9668**	3	SOLE	
	19	1	**9W-4500**	1	EDGE-CUTTING (CENTER)	
	20	1	**4J-9058**	43	BOLT-PLOW (1-8X3.25-IN)	
	21	1	**2J-3507**	43	NUT-FULL (1-8-THD)	
	22	1	**5P-8250**	43	WASHER (28X49X5-MM THK)	

Y - SEPARATE ILLUSTRATION

158-4533 **BLADE GP-SEMI-UNIVERSAL (**contd.**)** **i05350837**



GRAPHIC #1 <END> g03667504

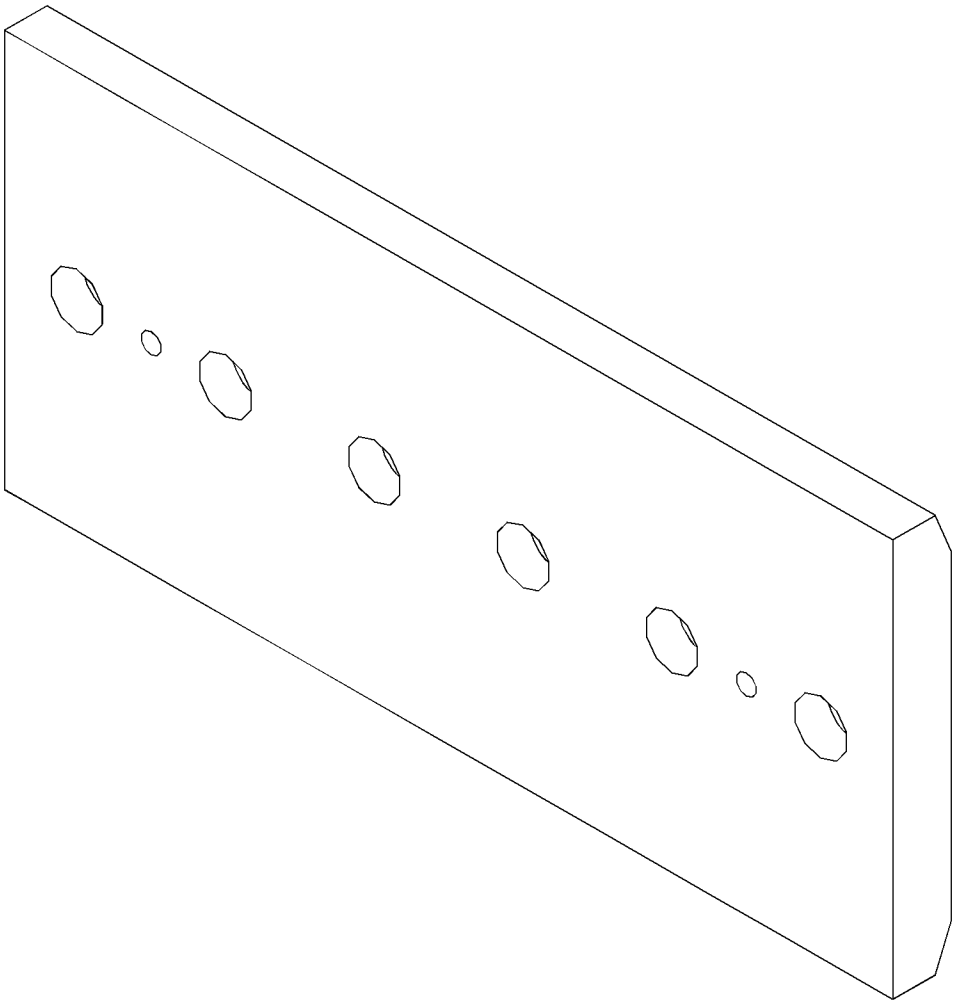
135-9625 EDGE-CUTTING

S/N: BTW1-UP

SMCS-6801 **i07091459**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE

(NO SERVICED PARTS)



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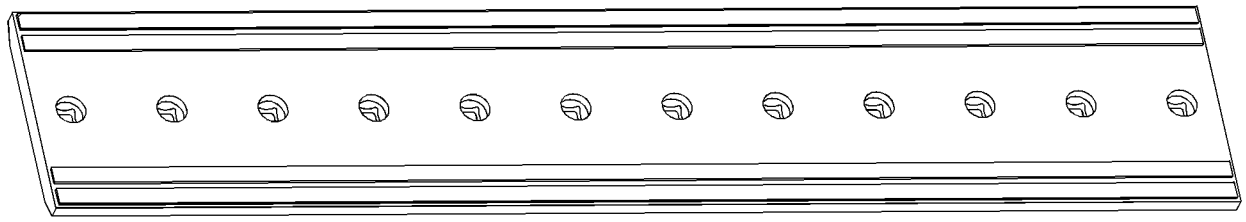
275-5991 EDGE-CUTTING

S/N: BTW1-UP

1787.4-MM (70.4-IN). ABRASIVE RESISTANT MATERIAL

SMCS-6801 **i04226794**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
					(NO SERVICED PARTS)	



GRAPHIC #1 <END> g02433162

275-5992 EDGE-CUTTING

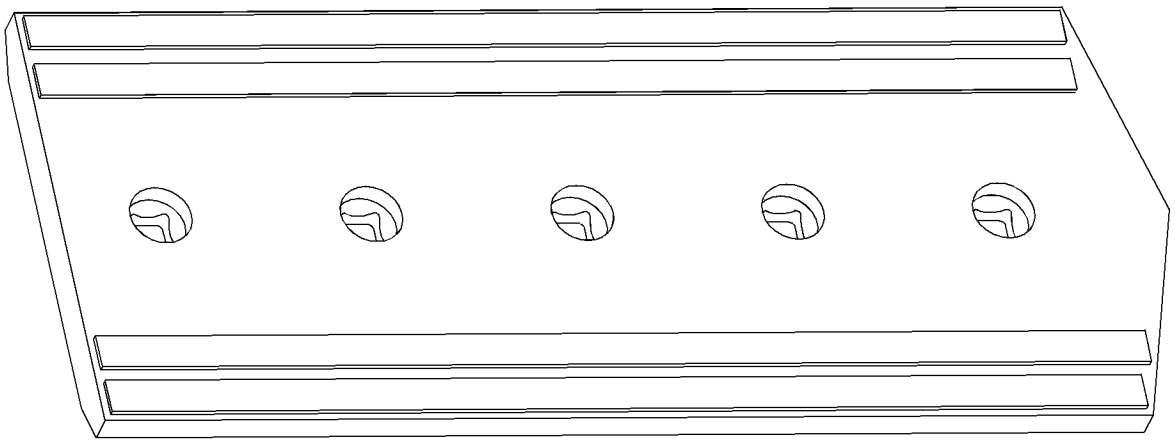
S/N: BTW1-UP

803.1-MM (31.6-IN). ABRASIVE RESISTANT MATERIAL

SMCS-6801 **i04226812**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE

(NO SERVICED PARTS)



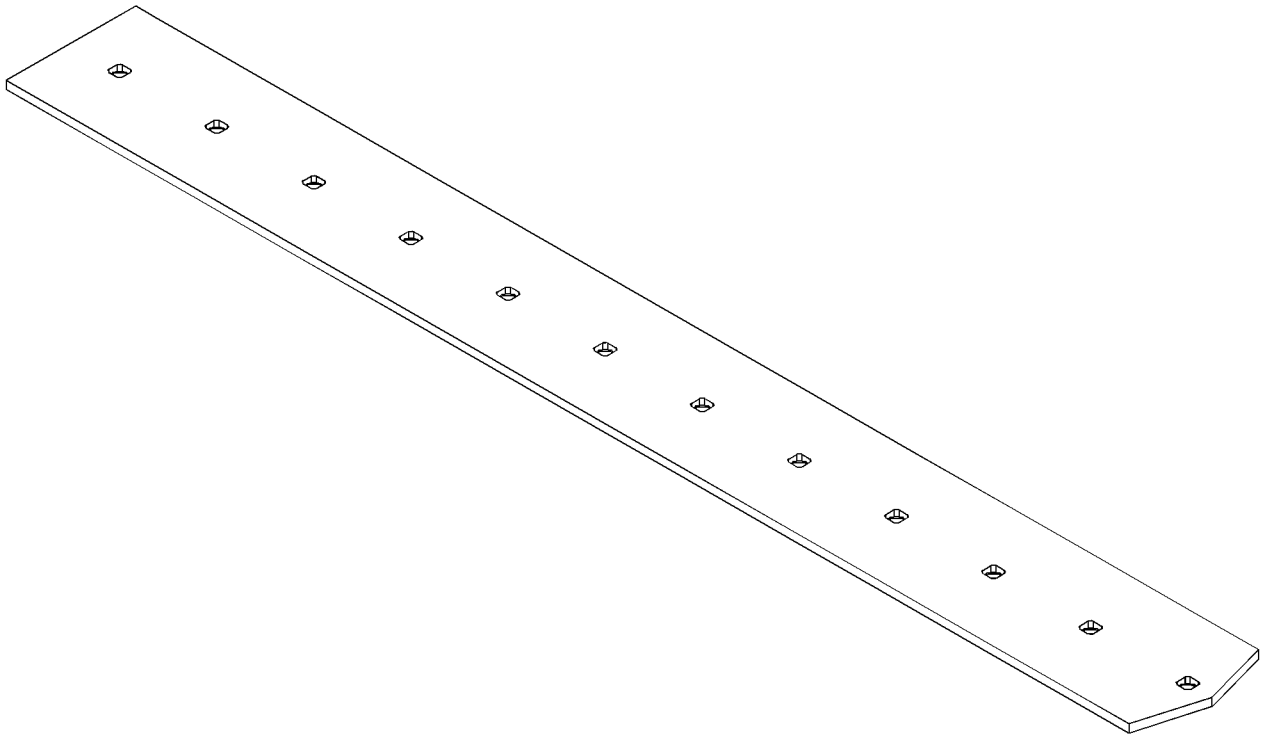
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533-2167 EDGE-CUTTING

S/N: BTW1-UP

SMCS-6801 **i07222180**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
					(NO SERVICED PARTS)	



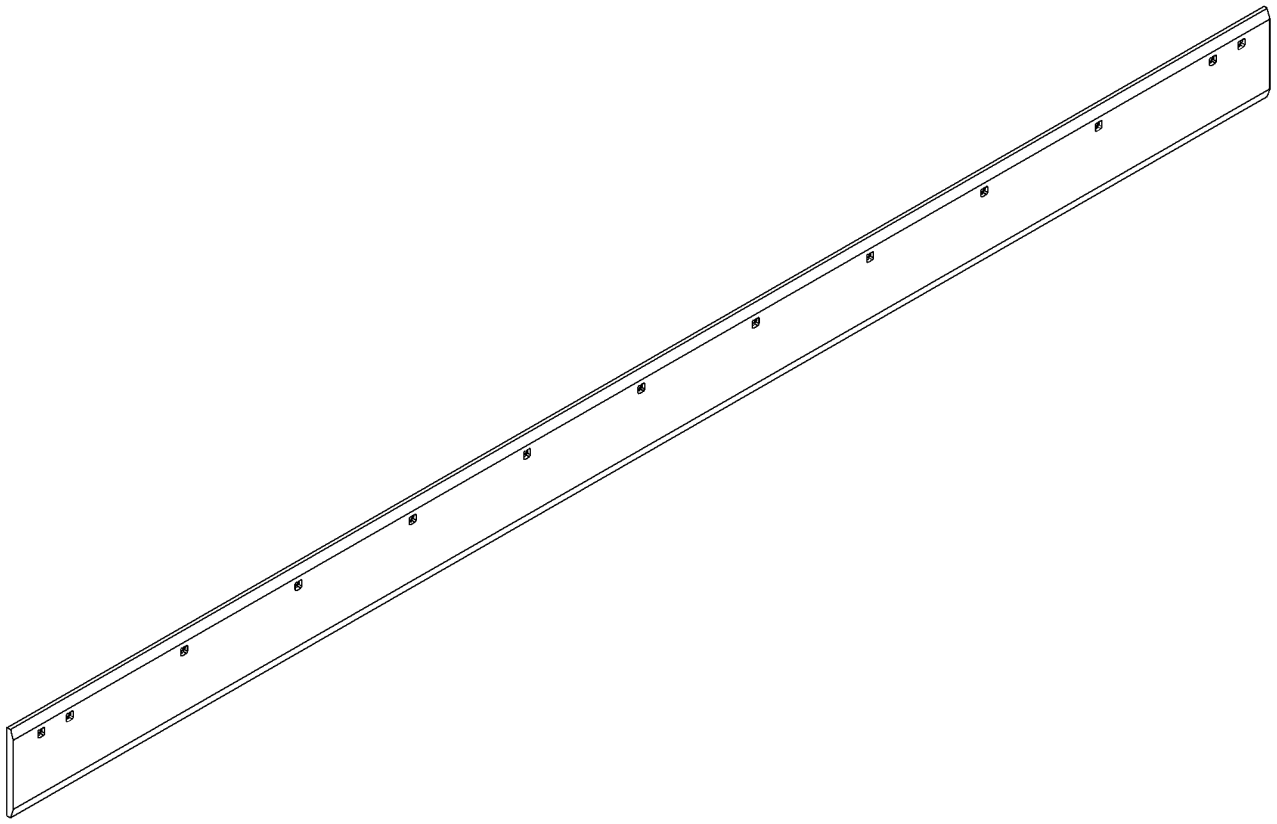
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533-2170 EDGE-CUTTING

S/N: BTW1-UP

SMCS-6801 **i07222179**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
					(NO SERVICED PARTS)	



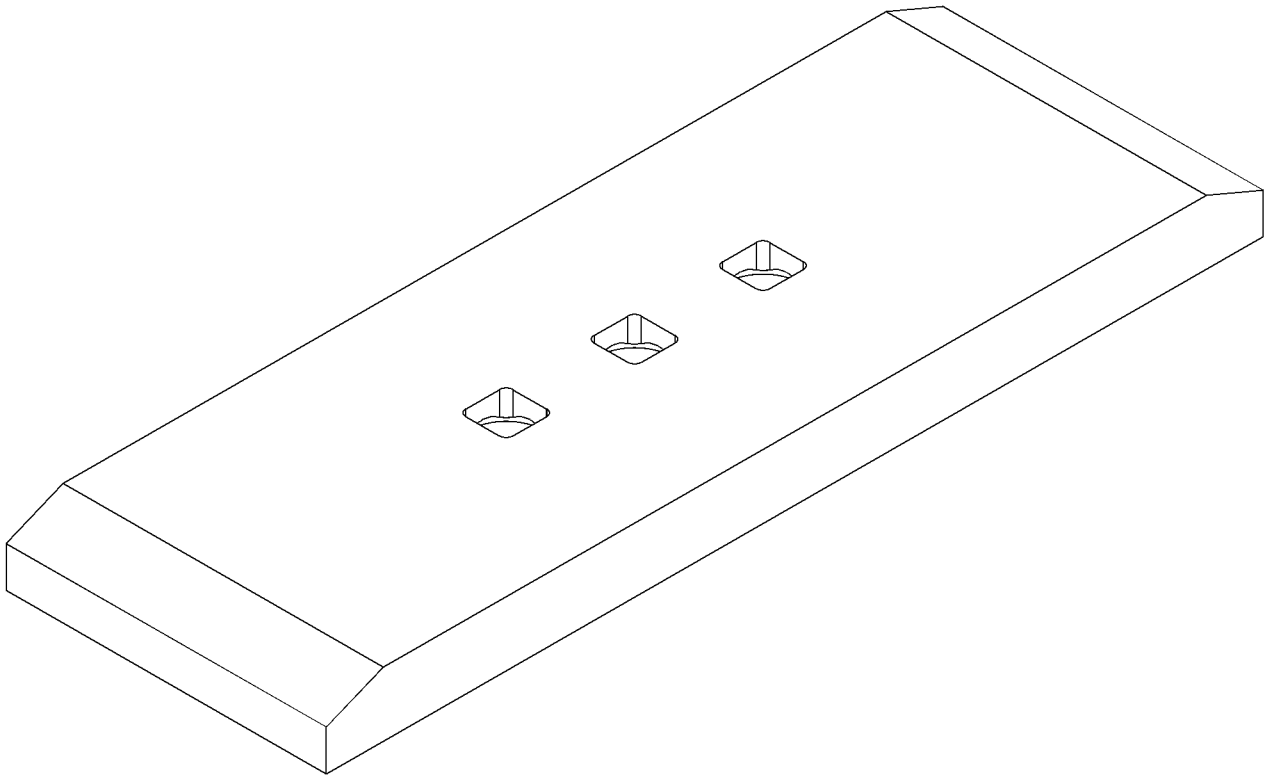
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533-2171 EDGE-CUTTING

S/N: BTW1-UP

SMCS-6801 **i07222183**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
					(NO SERVICED PARTS)	



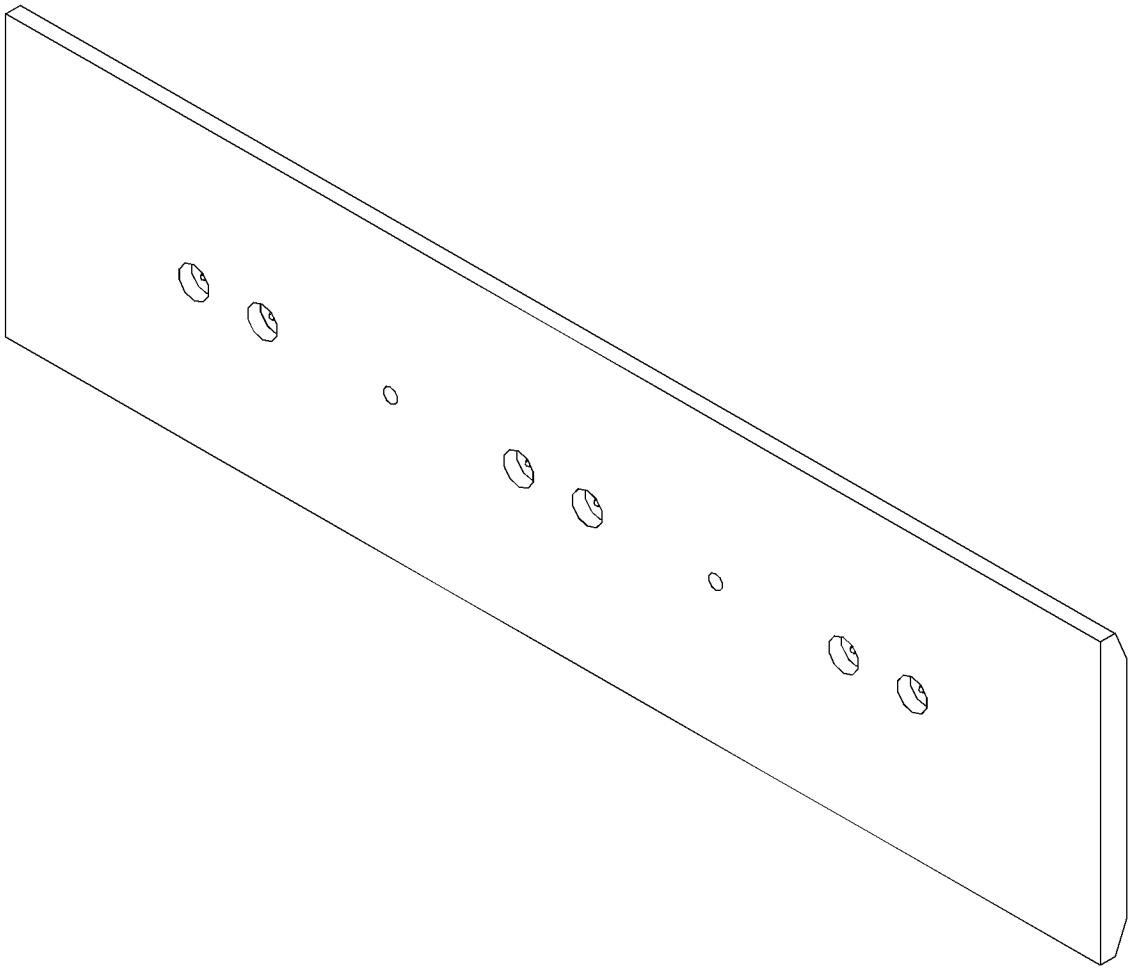
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533-2172 EDGE-CUTTING

S/N: BTW1-UP

SMCS-6801 **i07222178**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
(NO SERVICED PARTS)						



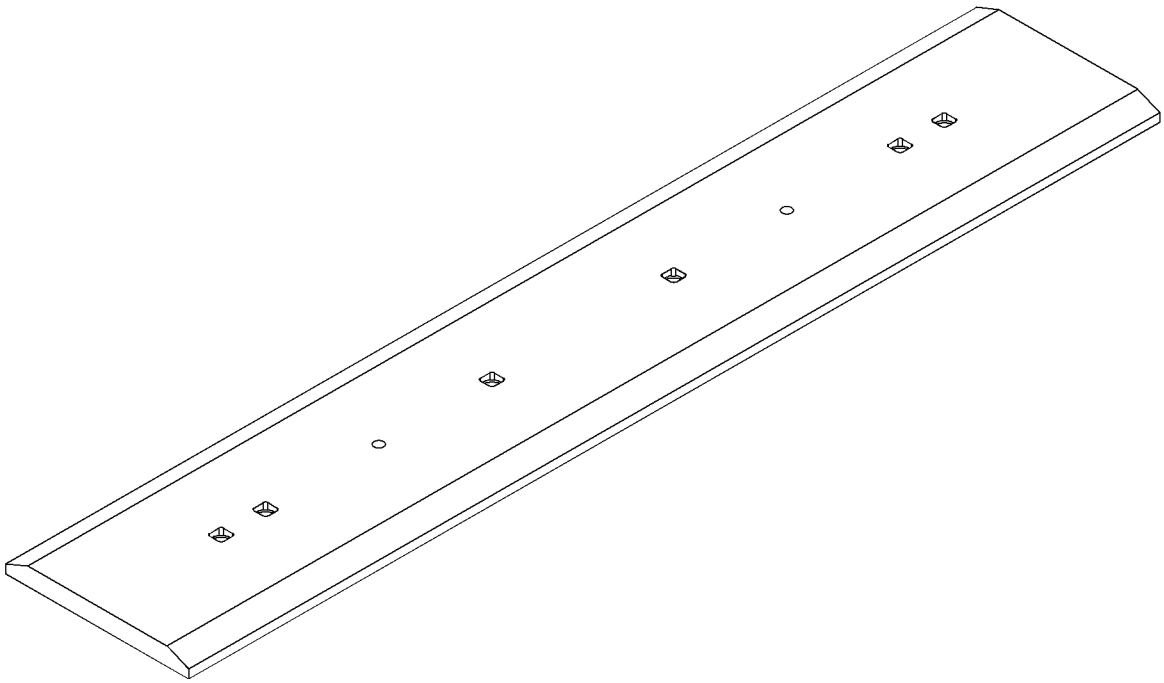
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533-2174 EDGE-CUTTING

S/N: BTW1-UP

SMCS-6801 **i07222184**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
					(NO SERVICED PARTS)	



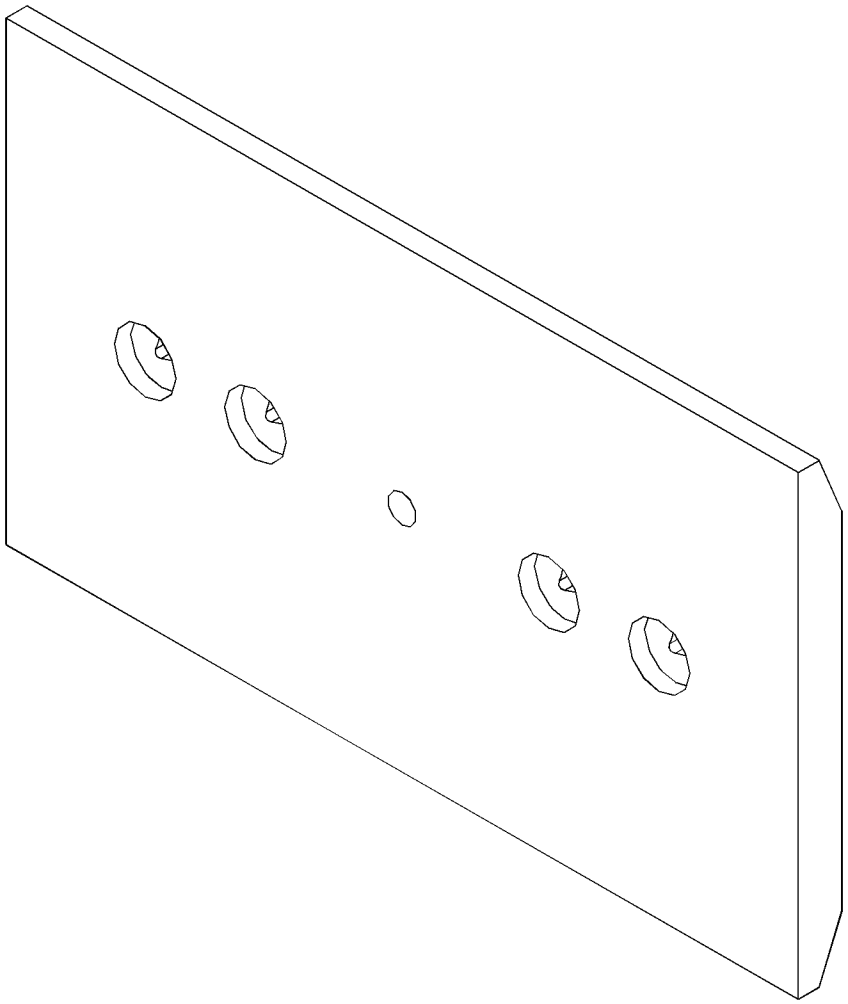
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533-2175 EDGE-CUTTING

S/N: BTW1-UP

SMCS-6801 **i07222177**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
(NO SERVICED PARTS)						



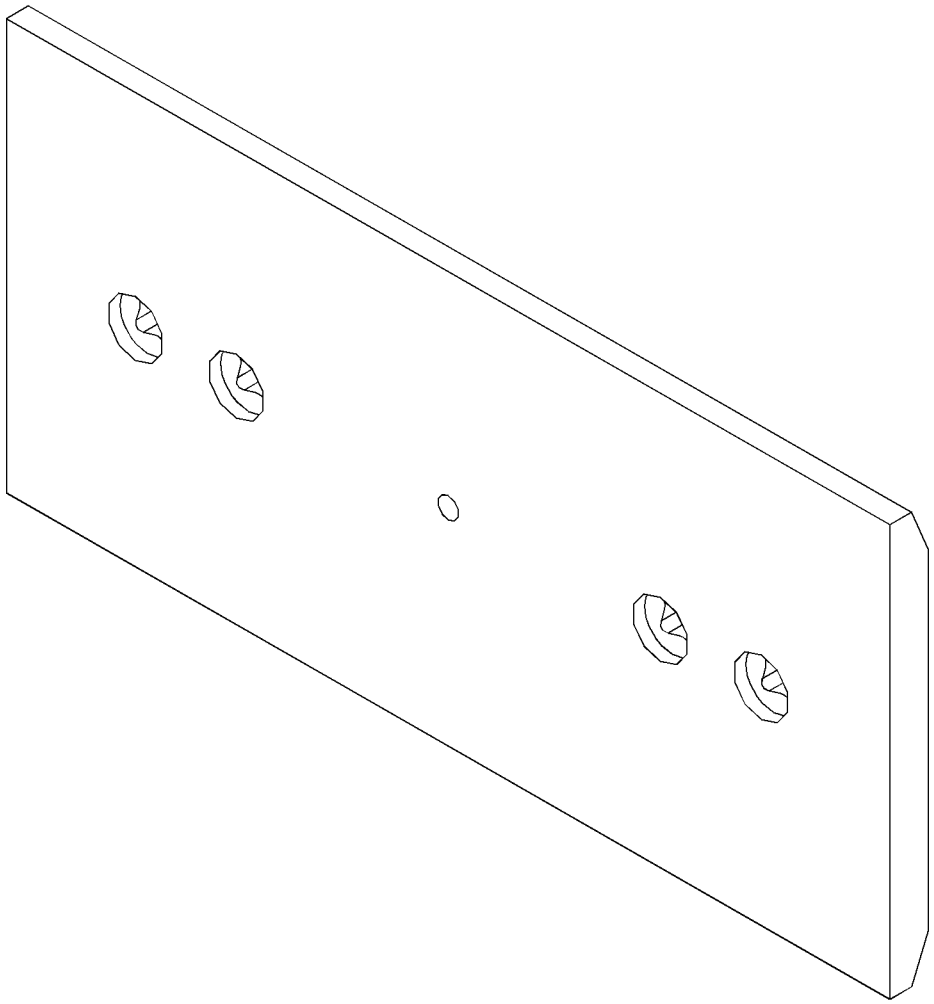
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533-2176 EDGE-CUTTING

S/N: BTW1-UP

SMCS-6801 **i07222181**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
					(NO SERVICED PARTS)	



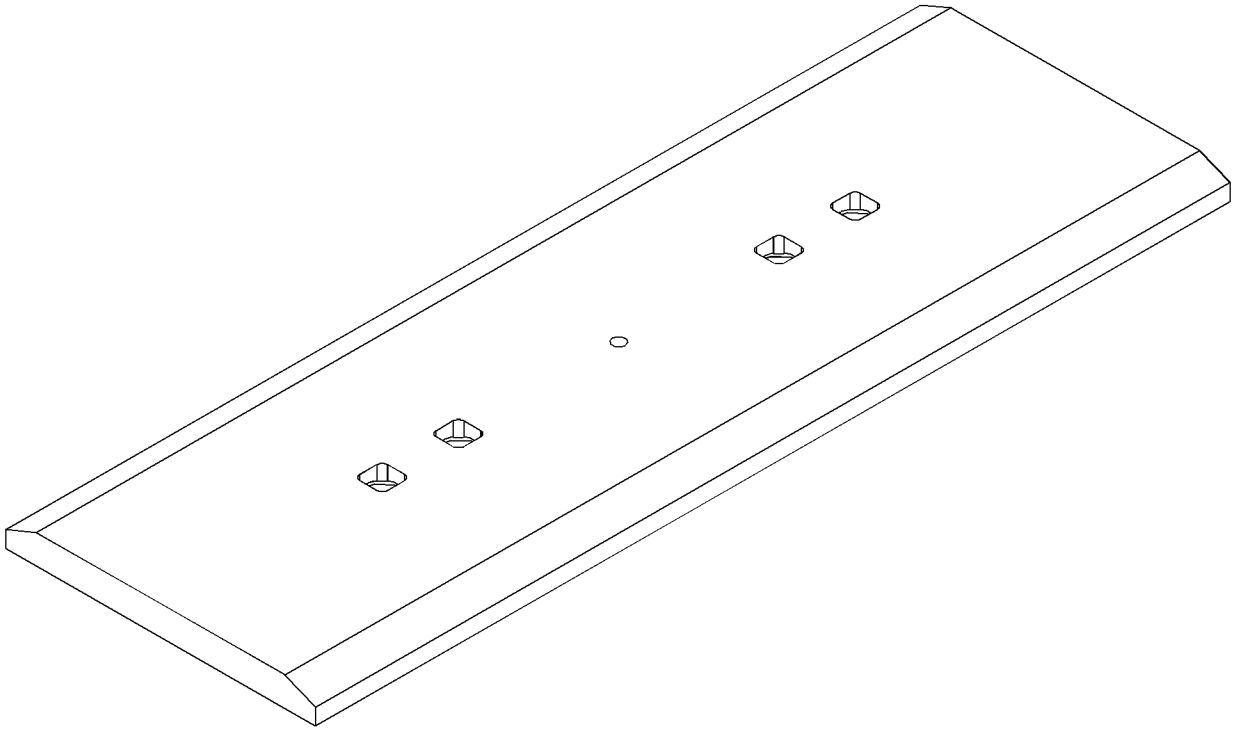
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533-2177 EDGE-CUTTING

S/N: BTW1-UP

SMCS-6801 **i07222185**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
(NO SERVICED PARTS)						



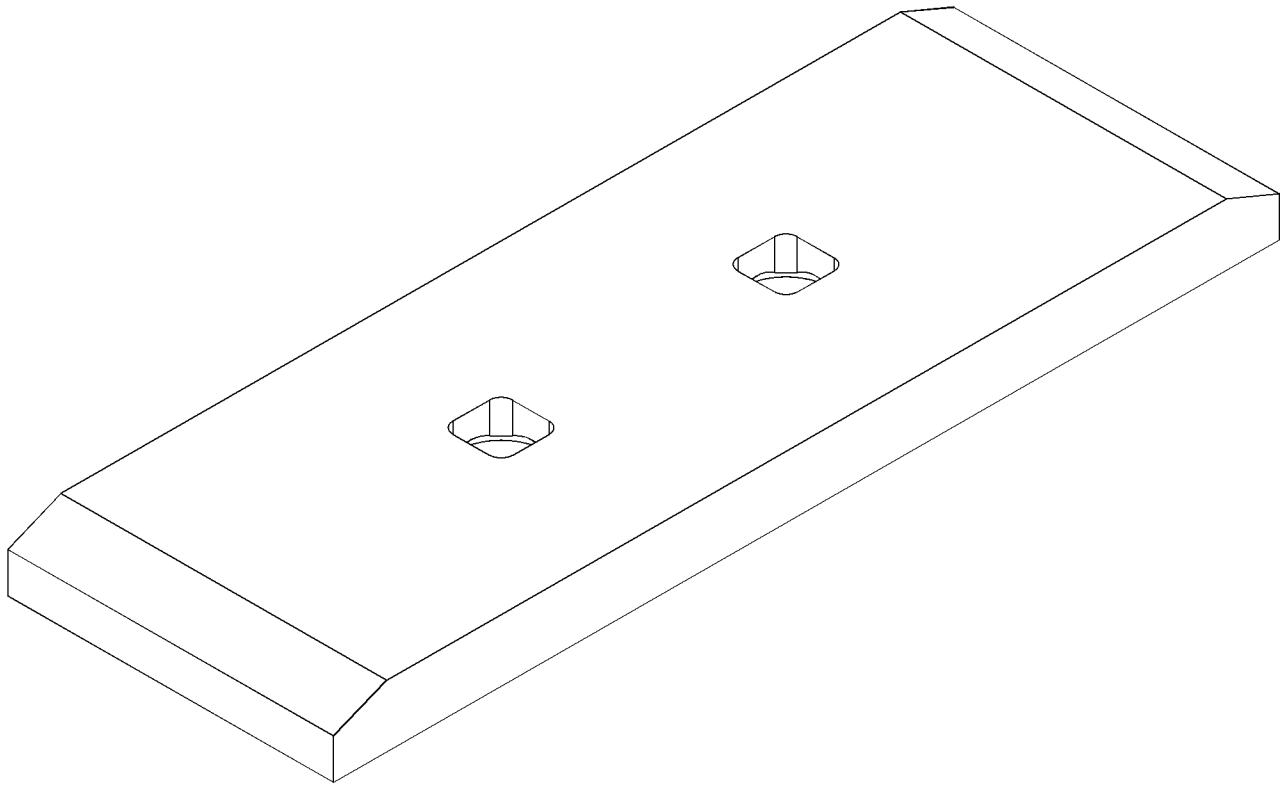
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533-2178 EDGE-CUTTING

S/N: BTW1-UP

SMCS-6801 **i07222182**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
					(NO SERVICED PARTS)	



GRAPHIC #1 <END> g06257316

533-2179 KIT-EDGE CUTTING

S/N: BTW1-UP

SMCS-6801 **i07199418**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
			(NO SERVICED PARTS)	
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533-2180 KIT-EDGE CUTTING

S/N: BTW1-UP

SMCS-6801 **i07199419**

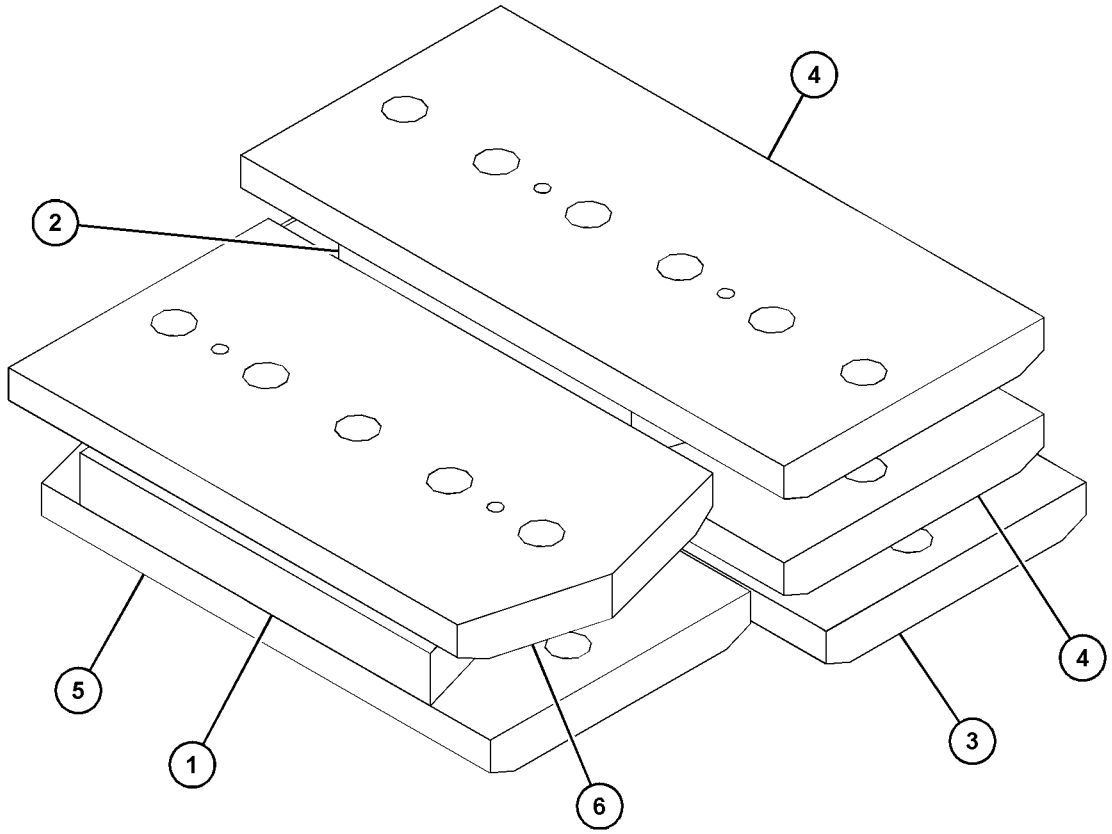
NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
			(NO SERVICED PARTS)	
			<END>	

533-2181 KIT-EDGE CUTTING

S/N: BTW1-UP

SMCS-6801 **i07218913**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**533-1518**	1	BIT-END (LH)	
	2	1	**533-1519**	1	BIT-END (RH)	
	3	1	**533-3053**	1	EDGE-CUTTING	
	4	1	**533-3054**	2	EDGE-CUTTING	
	5	1	**533-3055**	1	EDGE-CUTTING	
	6	1	**533-3056**	1	EDGE-CUTTING	



GRAPHIC #1 <END> g06256477

237-6446 FILM GP

S/N: BTW1-UP

PART OF 353-4296 CONVERSION AR-MACHINE, 353-4286 OPTION AR-REGIONAL

SMCS-7405, 7557

i04541308

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	226-1275	1	FILM-WARNING (CRUSH HAZARD, READ OMM, U.S.)	
			(ON THE NON ENGINE FRAME ASSEMBLY ON SIDE W/ ARTICULATED LOCK)	
	226-1242	2	FILM-WARNING (CRUSH HAZARD, STAY BACK, U.S.)	
			(AT EYE LEVEL HEIGHT, WHILE STANDING, ON BOTH SIDES OF THE NON ENGINE FRAME ASSEMBLY AT ARTICULATED HITCH)	
	228-3581	1	FILM-WARNING (DO NOT OPERATE, READ OMM)	
			(ON ECM ON THE LH SIDE OF THE ENGINE)	
	314-3985	2	FILM-WARNING (FALLING HAZARD, READ OMM)	
			(CENTERED SIDE TO SIDE NEAR THE TOP EDGE OF THE ANGLED FACE OF THE FRONT FENDERS)	
	225-4256	1	FILM-WARNING (HOT FLUID UNDER PRESSURE, U.S.)	
			(NEXT TO RADIATOR FILL CAP)	
	225-0313	1	FILM-WARNING (JUMP START, READ OMM, U.S.)	
			(ON UNDERSIDE OF BATTERY BOX DOOR)	
	236-7226	1	FILM-WARNING (PARK BRAKE, WHEEL CHOCK, U.S.)	
			(ON BREAK GP - PARKING)	
	224-7717	1	FILM-WARNING (SEAT BELT, U.S.)	
			(CENTER BELOW VIMS KEYPAD ON PANEL GP - INST D)	
	228-2615	1	FILM-WARNING (UNIVERSAL, U.S.)	
			(ON FRONT DOOR JAM, 340-MM TO TOP OF WARNING FILM FRON JOINT BETWEEN CAB & PLATFORM)	
	368-5474	1	FILM-WARNING (DOWNGRADE HAULING, READ OMM)	
			(IN CAB ON INSIDE OF FRONT DOOR POST)	
			<END>	

252-9665 FILM GP

S/N: BTW1-165

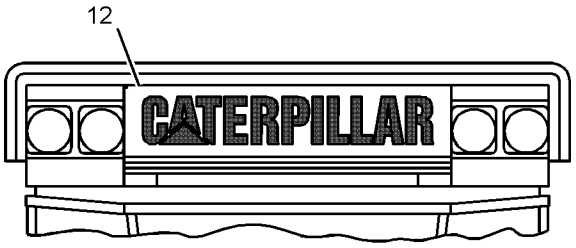
PART OF 234-5978 PLATE & FILM GP

SMCS-7405, 7557

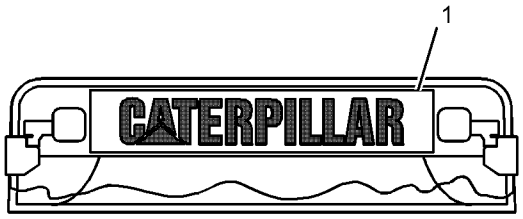
i02426240

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**205-3159**	1	FILM-IDENTIFICATION (CATERPILLAR, REAR CAB)	
	2	1	**205-3160**	2	FILM-IDENTIFICATION (CAT)	
	3	1	**252-5791**	1	FILM-STRIPE (844H, LH)	
	4	1	**252-5794**	1	FILM-STRIPE (844H, RH)	
	5	1	**205-3163**	2	FILM-STRIPE (RH, LH)	
	6	1	**205-3164**	1	FILM-STRIPE (FRONT, RH)	
	7	1	**205-3165**	1	FILM-STRIPE (FRONT, LH)	
	8	1	**205-3166**	1	FILM-STRIPE (REAR, LH)	
	9	1	**205-3167**	1	FILM-STRIPE (REAR, RH)	
	10	1	**205-1774**	1	FILM-WINDOW (REAR)	
	11	1	**136-2186**	1	FILM-WINDOW (REAR)	
	12	1	**9X-2557**	1	FILM-IDENTIFICATION (CATERPILLAR, CAB FRONT)	
	13	1	**265-7877**		FILM-STRIPE (YELLOW) (344-CM)	

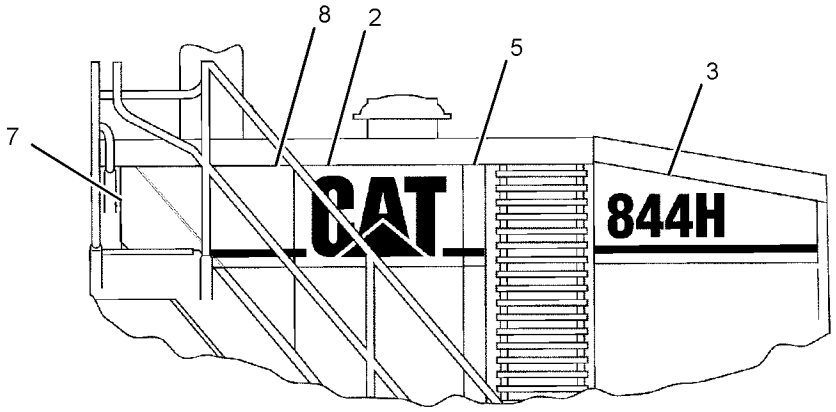
252-9665 **FILM GP (**contd.**)** **i02426240**



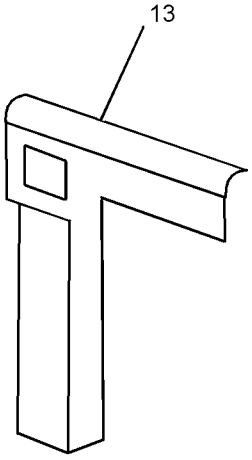
FRONT VIEW



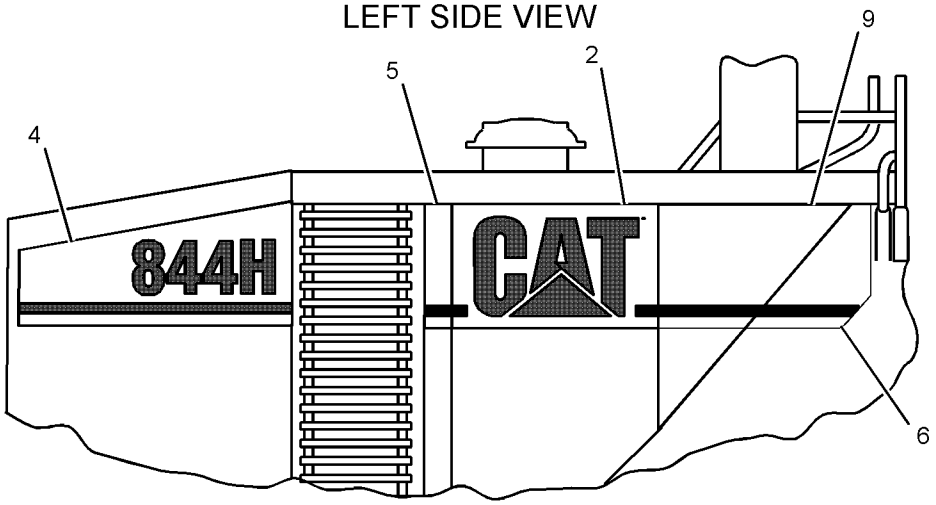
REAR VIEW



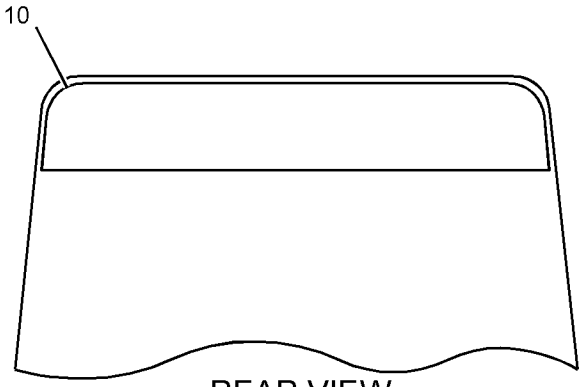
LEFT SIDE VIEW



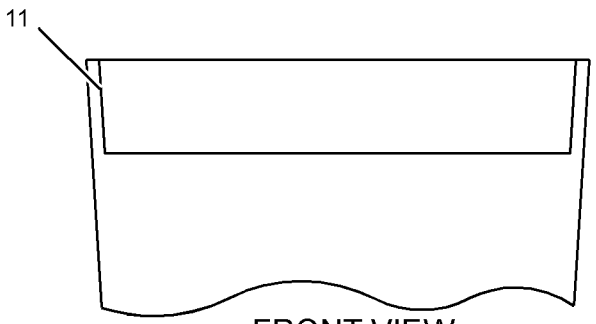
ROPS



RIGHT SIDE VIEW



REAR VIEW
(WINDSHIELD)



FRONT VIEW
(WINDSHIELD)

GRAPHIC #1 <END> g01214414

301-4659 FILM GP

S/N: BTW166-255

PART OF 234-5978 PLATE & FILM GP

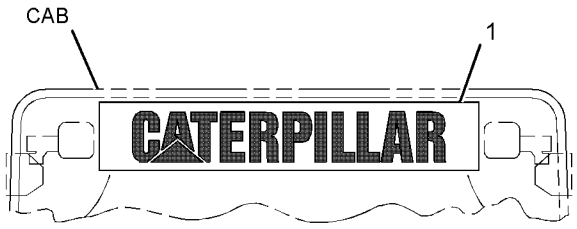
SMCS-7405, 7557

i02731138

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**205-3159**	1	FILM-IDENTIFICATION (CATERPILLAR, REAR CAB)	
	2	1	**301-4661**	1	FILM-IDENTIFICATION (CAT) (LH)	
	3	1	**301-4655**	1	FILM-IDENTIFICATION (844H, LH)	
	4	1	**301-4657**	1	FILM-STRIPE (LH)	
	5	1	**301-4654**	1	FILM-IDENTIFICATION (844H, RH)	
	6	1	**301-4660**	1	FILM-IDENTIFICATION (CAT) (RH)	
	7	1	**301-4656**	1	FILM-STRIPE (RH)	
	8	1	**253-0861**	2	FILM-INFORMATION (CAT POWER, ACERT TECHNOLOGY)	
	9	1	**136-2186**	1	FILM-WINDOW (REAR)	
	10	1	**205-1774**	1	FILM-WINDOW (REAR)	
E	11	1	**265-7877**		FILM-STRIPE (YELLOW) (172-CM EACH)	
	12	1	**9X-2557**	1	FILM-IDENTIFICATION (CATERPILLAR, CAB FRONT)	

E - ORDER BY THE CENTIMETER

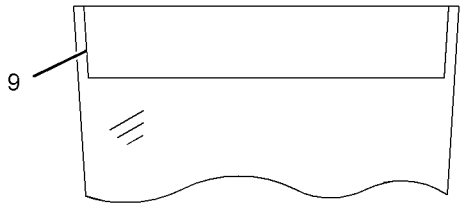
301-4659 **FILM GP** (contd.) **i02731138**



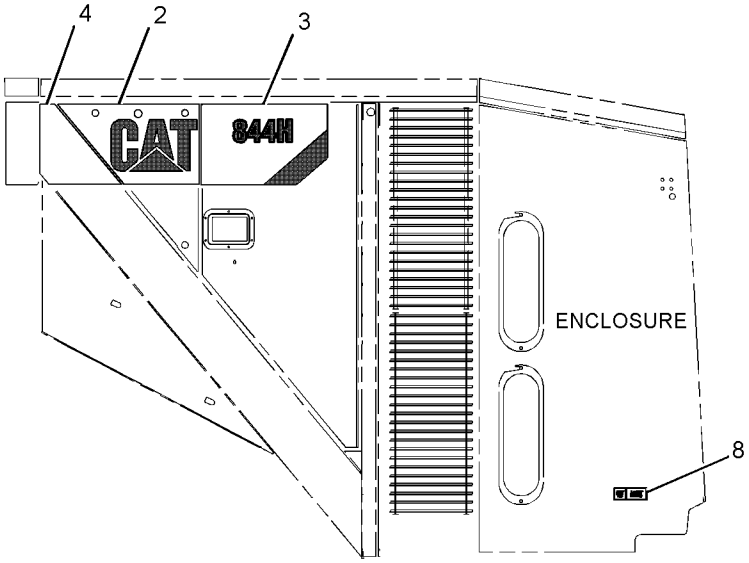
REAR VIEW



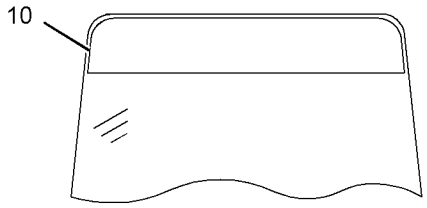
FRONT VIEW



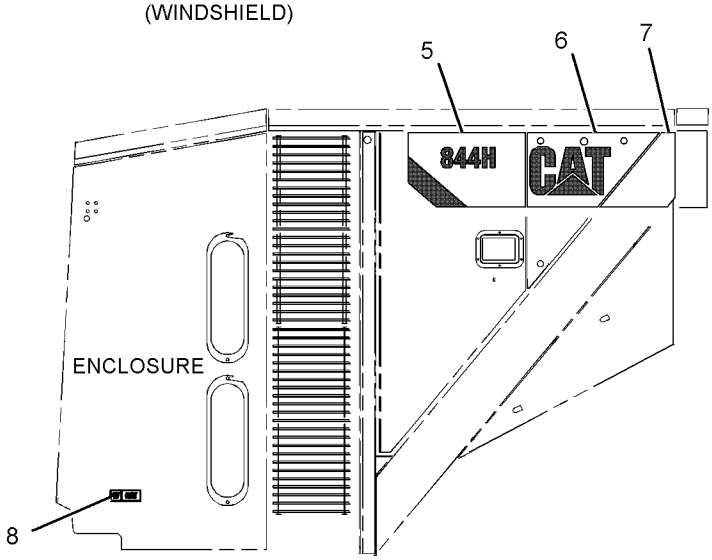
FRONT VIEW
(WINDSHIELD)



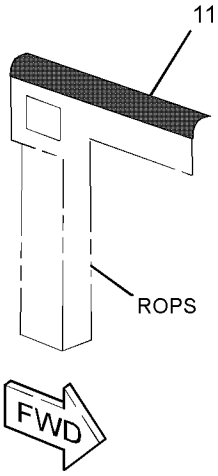
LEFT SIDE VIEW



REAR VIEW
(WINDSHIELD)



RIGHT SIDE VIEW



GRAPHIC #1 <END> g01379042

301-4659 FILM GP

S/N: BTW256-UP

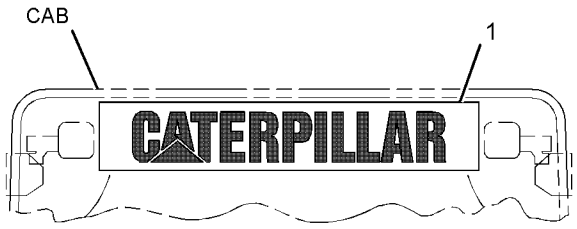
PART OF 234-5978 PLATE & FILM GP

SMCS-7405, 7557

i05933792

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**205-3159**	1	FILM-IDENTIFICATION (CATERPILLAR, REAR CAB)	
	2	1	**301-4661**	1	FILM-IDENTIFICATION (CAT) (LH)	
	3	1	**301-4655**	1	FILM-IDENTIFICATION (844H, LH)	
	4	1	**301-4657**	1	FILM-STRIPE (LH)	
	5	1	**301-4654**	1	FILM-IDENTIFICATION (844H, RH)	
	6	1	**301-4660**	1	FILM-IDENTIFICATION (CAT) (RH)	
	7	1	**301-4656**	1	FILM-STRIPE (RH)	
	8	1	**9X-2557**	1	FILM-IDENTIFICATION (CATERPILLAR, CAB FRONT)	
	9	1	**136-2186**	1	FILM-WINDOW (REAR)	
	10	1	**205-1774**	1	FILM-WINDOW (REAR)	

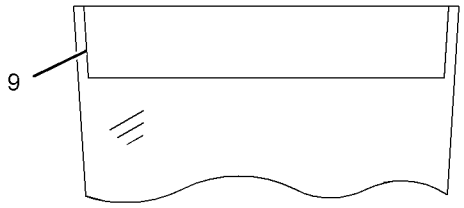
301-4659 **FILM GP (**contd.**)** **i05933792**



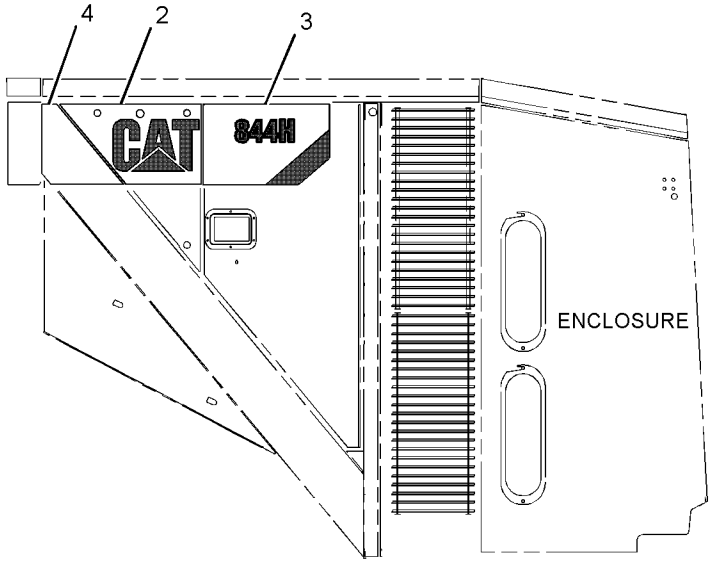
REAR VIEW



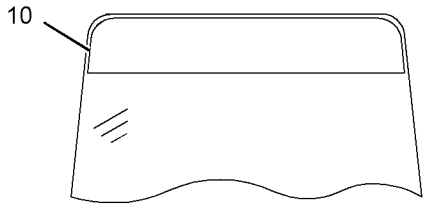
FRONT VIEW



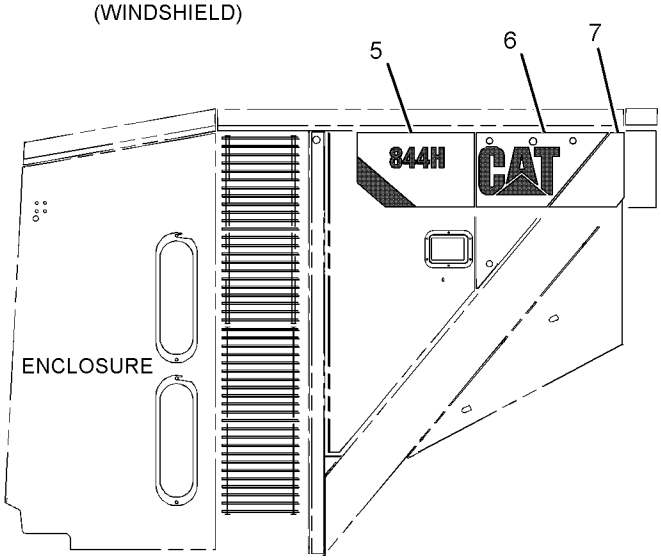
FRONT VIEW
(WINDSHIELD)



LEFT SIDE VIEW



REAR VIEW
(WINDSHIELD)



RIGHT SIDE VIEW

GRAPHIC #1 <END> g03741893

322-3908 FILM GP-INTERNATIONAL

S/N: BTW1-UP

PART OF 353-4306 OPTION AR-CONVERSION, 353-4264 OPTION AR-MACHINE, 353-4276 OPTION AR-REGIONAL

SMCS-7405, 7557

i04357038

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	221-8045	1	FILM-WARNING (SEAT BELT, INTERNATIONAL)	
			(CENTER BELOW VIMS KEYPAD ON PANEL GP-INSTRUMENT)	
	222-7944	1	FILM-WARNING (DO NOT OPERATE, READ OMM, INTL)	
			(ON ECM ON LH SIDE OF ENGINE)	
	225-0312	1	FILM-WARNING (JUMP START, READ OMM, INTL)	
			(ON UNDERSIDE OF BATTERY BOX DOOR)	
	225-4257	1	FILM-WARNING (HOT FLUID UNDER PRESS)	
			(NEXT TO RADIATOR FILL CAP)	
	226-1240	2	FILM-WARNING (CRUSH HAZARD, STAY BACK, INTL)	
			(AT EYE LEVEL HEIGHT, WHILE STANDING, ON BOTH SIDES OF NON-ENGINE FRAME AS AT ARTICULATED HITCH)	
	226-1274	1	FILM-WARNING (CRUSH HAZARD, READ OMM, INTL)	
			(AT EYE LEVEL ON NON-ENGINE FRAME AS ON SIDE W/ ARTICULATED LOCK)	
	228-2616	1	FILM-WARNING (UNIVERSAL, READ OMM)	
			(ON FRONT DOOR JAM, 340-MM TO TOP OF WARNING FILM FROM JOINT BETWEEN CAB & PLATFORM)	
	236-7227	1	FILM-WARNING (PARKING BRAKE, INTERNATIONAL)	
			(ON BRAKE GP-PARKING)	
	314-3986	2	FILM-WARNING (FALLING HAZARD, READ OMM)	
			(CENTERED SIDE TO SIDE NEAR TOP EDGE OF ANGLED FACE OF FRONT FENDERS)	
	358-6729	1	FILM-WARNING (DOWNGRADE HAULING, READ OMM)	
			(IN CAB ON INSIDE OF FRONT DOOR POST)	
			<END>	

317-9463 KIT-GASKET

S/N: EHX1-UP

FRONT STRUCTURE

FOR USE WITH 217-5670—PAGE: 8, 271-8633—PAGE: 10

SMCS-7555 **i07026649**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	214-1727	1	GASKET	
	239-1139	2	SEAL	
	142-5867	1	SEAL-CRANKSHAFT (FRONT)	
	3S-9643	2	SEAL-LIP TYPE	
	5E-8771	2	SEAL-O-RING	
	6V-4589	1	SEAL-O-RING	
	6V-5048	3	SEAL-O-RING	
	6V-6609	1	SEAL-O-RING	
	6V-9027	1	SEAL-O-RING	
	8T-1703	3	SEAL-O-RING	
	9X-7371	1	SEAL-O-RING	
	107-5769	2	SEAL-O-RING	
	109-0076	2	SEAL-O-RING	
	112-1579	1	SEAL-O-RING	
	112-1580	1	SEAL-O-RING	
	117-8801	2	SEAL-O-RING	
	125-9794	1	SEAL-O-RING	
	228-4947	4	SEAL-O-RING	
			FOR A LIST OF RELATED PARTS THAT MAY BE REQUIRED FOR THE ENGINE REBUILD TO THE KIT CONSIST, PLEASE VISIT	
			HTTP://DEALER.CAT.COM/RELATED	
			<END>	

348-8632 KIT-GASKET

S/N: BTW1-UP

KIT CONTAINS GASKETS, SEALS, BENDABLE LOCKS TO REINSTALL THE FRONT COVER. KIT DOES NOT INCLUDE THE OIL PAN GASKET.

FOR USE WITH RM697- ENGINE ARRANGEMENT S/N LJX 70-UP, MACHINE S/N 275-UP, RM697- ENGINE ARRANGEMENT S/N LJX 70-UP, MACHINE S/N DLS 275-UP, 217-5670—PAGE: 8

SMCS-7555 **i07041508**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	214-1727	1	GASKET	
	4N-1946	1	GASKET	
	4N-2199	1	GASKET	
	239-1139	2	SEAL	
	142-5867	1	SEAL-CRANKSHAFT (FRONT)	
	3S-9643	2	SEAL-LIP TYPE	
	5E-8771	2	SEAL-O-RING	
	5P-8211	1	SEAL-O-RING	
	6V-6609	1	SEAL-O-RING	
	6V-9027	4	SEAL-O-RING	
	8T-1703	3	SEAL-O-RING	
	9X-7371	1	SEAL-O-RING	
	107-5769	2	SEAL-O-RING	
	109-0076	3	SEAL-O-RING	
	112-1579	1	SEAL-O-RING	
	112-1580	1	SEAL-O-RING	
	117-8801	2	SEAL-O-RING	
	125-9794	1	SEAL-O-RING	
	228-4947	2	SEAL-O-RING	
	231-4708	3	SEAL-O-RING	
	224-6079	1	SEAL-O-RING	
			FOR A LIST OF RELATED PARTS THAT MAY BE REQUIRED FOR THE ENGINE REBUILD TO THE KIT CONSIST, PLEASE	
			HTTP://DEALER.CAT.COM/RELATED	
			<END>	

348-8637 KIT-GASKET—REAR STRUCTURE

S/N: BTW1-UP

CONTAINS THE GASKETS, SEALS, & BENDABLE LOCKS TO REINSTALL THE REAR COVER. THIS KIT DOES NOT INCLUDE THE OIL PAN GASKET

SMCS-7555 **i07195034**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	7C-1114	2	GASKET	
	9Y-6089	1	GASKET	
	225-1242	1	GASKET (FLYWHEEL HOUSING)	
	161-7293	1	GASKET-CYLINDER	
	142-5868	1	SEAL-CRANKSHAFT (REAR)	
	234-8937	2	SEAL-INTEGRAL (FLYWHEEL HOUSING)	
	5E-8771	2	SEAL-O-RING	
	5P-7814	1	SEAL-O-RING	
	5P-8429	2	SEAL-O-RING	
	6V-3319	1	SEAL-O-RING	
	136-7227	2	SEAL-O-RING	
	6V-5048	3	SEAL-O-RING	
	6V-5553	2	SEAL-O-RING	
	8C-3089	1	SEAL-O-RING	
	112-3102	1	SEAL-O-RING	
	502-4034	1	SEAL-O-RING	
	109-7411	2	SEAL-O-RING	
	117-8801	2	SEAL-O-RING	
	214-7568	2	SEAL-O-RING	
	227-5538	1	SEAL-O-RING	
	238-6646	2	SEAL-O-RING	
			FOR A LIST OF RELATED PARTS THAT REQUIRED FOR THE ENGINE REBUILD TO THE KIT CONSISST, PLEASE VISIT	
			HTTPS://DEALER.CAT.COM/RELATED	
			<END>	

376-1543 KIT-GASKET

S/N: BTW1-UP

CONTAINS THE SEALS (EXCEPT METAL SEAL RINGS), GASKETS AND BENDABLE LOCKS TO RESEAL , THE COMPLETE TORQUE CONVERTER/DIVIDER GROUP, INCLUDING THE HOUSING, SEALS AND GASKETS ARE INCLUDED TO 1) FASTEN A PUMP AND VALVE(S) TO THE CONVERTER/DIVIDER, 2) FASTEN THE CONVERTER/DIVIDER TO THE ENGINE (IF APPLICABLE), AND/OR 3) FASTEN THE CONVERTER/DIVIDER TO THE TRANSMISSION (IF APPLICABLE)

FOR USE WITH TT119- TORQUE CONVERTER GROUP 271-0283, TORQUE CONVERTER S/N 2JT1-UP, MACHINE S/N BWX1-UP, RM713- TORQUE CONVERTER GROUP 271-0283, TORQUE CONVERTER S/N 2JT1-UP, MACHINE S/N BTW1-UP

SMCS-7555 **i04805789**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	8E-5115	1	GASKET	
	1T-1639	1	RING	
	3S-1284	1	RING-SEAL	
	3T-6246	4	RING-SEAL	
	7G-0141	2	RING-SEAL	
	8S-3371	1	RING-SEAL	
	216-0273	1	SEAL-LIP TYPE	
	3J-1907	1	SEAL-O-RING	
	4H-6730	1	SEAL-O-RING	
	6V-5554	2	SEAL-O-RING	
	8L-2786	2	SEAL-O-RING	
	8M-4433	2	SEAL-O-RING	
	8M-4989	1	SEAL-O-RING	
	8M-8514	3	SEAL-O-RING	

<END>

476-1065 KIT-GASKET

S/N: EHX1-UP

KIT CONTAINS GASKETS AND SEALS TO INSTALL THE AFTERCOOLER AND ATTACHING LINES

FOR USE WITH 217-5670—PAGE: 8

SMCS-7555 **i07187221**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	226-5613	2	GASKET	
	6V-6353	2	SEAL-O-RING	
	8L-2786	1	SEAL-O-RING	
	136-7227	1	SEAL-O-RING	
	6V-5048	1	SEAL-O-RING	
	214-7568	2	SEAL-O-RING	
			FOR A LIST OF RELATED PARTS THAT MAY BE REQUIRED FOR THE ENGINE REBUILD TO THE KIT CONSIST, PLEASE VISIT	
			HTTP://DEALER.CAT.COM/RELATED	

<END>

508-6568 KIT-GASKET

S/N: BTW1-UP

SINGLE CYLINDER HEAD

SMCS-7555 **i07211857**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	239-1388	6	GASKET	
	357-1752	1	GASKET (TURBOCHARGER)	
	225-3099	1	GASKET-CYLINDER HEAD	
	354-8484	1	GASKET-PLATE	
	391-2167	4	LOCKNUT-FLANGE (3/8X16-THD)	
	222-6456	1	SEAL (VALVE COVER BASE)	
	239-1139	1	SEAL	
	359-1439	24	SEAL AS-WATER	
	6V-0128	1	SEAL-CONNECTOR	
	126-2702	1	SEAL-INTEGRAL	
	198-6068	1	SEAL-INTEGRAL	
	8L-2786	1	SEAL-O-RING	
	228-4947	1	SEAL-O-RING	
	5P-8211	1	SEAL-O-RING	
	5P-8356	2	SEAL-O-RING	
	6V-4589	1	SEAL-O-RING	
	6V-5048	3	SEAL-O-RING	
	6V-6353	1	SEAL-O-RING	
	6V-6609	6	SEAL-O-RING	
	8C-3089	1	SEAL-O-RING	
	8L-2746	1	SEAL-O-RING	
	033-6027	1	SEAL-O-RING	
	033-6031	1	SEAL-O-RING	
	033-6033	1	SEAL-O-RING	
	106-9586	1	SEAL-O-RING	
	112-3540	1	SEAL-O-RING	
	136-7227	1	SEAL-O-RING	
	214-7568	8	SEAL-O-RING	
	238-5080	1	SEAL-O-RING	
	243-3565	4	SEAL-O-RING	
	224-7506	3	SEAL-VALVE COVER	
	393-5115	4	STUD-TAPERLOCK	
			FOR A LIST OF RELATED PARTS THAT MAY BE REQUIRED FOR THE ENGINE REBUILD TO THE KIT CONSIST, PLEASE VISIT	
			HTTP://DEALER.CAT.COM/RELATED	
			<END>	

509-9363 KIT-PREVENTIVE MAINTENANCE

S/N: BTW1-UP

500 HOUR PREVENTATIVE MAINTENANCE

SMCS-1000, 7000

i06904764

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	4T-3134	4	FILTER ELEMENT AS-OIL (FIRE RESISTANT FLUID)	
	343-4465	2	FILTER ELEMENT-OIL (ADVANCED EFFICIENCY)	
	423-8525	1	FILTER GP-WATER SEP & FUEL	
	1R-1808	1	FILTER-ENGINE OIL (ADVANCED EFFICIENCY)	
	1R-0755	1	FILTER-FUEL (ADVANCED EFFICIENCY)	

<END>

234-5978 PLATE & FILM GP

S/N: BTW1-UP

PART OF 230-3275 CHASSIS AR

SMCS-7405, 7557 **i04315211**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
CY	*301-4659*	1	FILM GP	1427
	101-9845	1	PLATE-IDENTIFICATION (GREASE POINTS)	
			(ON FRAME NEXT TO REAR LUBE PLATE)	
	241-6239	1	PLATE-IDENTIFICATION (GREASE)	
			(FRAME NEXT TO FRONT RH LUBE PLATE)	
	239-6986	1	PLATE-SERIAL NUMBER (MACHINE)	
			(70-MM FORWARD & 760-MM FROM BOTTOM OF LH LOADER FRAME SIDE PLATE)	
	110-6393	1	PLATE-INSTRUCTION (AIR CONDITIONER)	
			(ON GAURD NEAR A/C COMPRESSOR WHERE VISIBLE)	
A	**3N-3790**	1	PLATE-SERIAL NUMBER (ENGINE)	
			(ON LH SIDE OF BLOCK NEAR FRONT FACE AT BOTTOM OF WATER JACKET)	
	5P-1175	1	FILM-IDENTIFICATION (ENGINE OIL FILL)	
			(ON ENGINE OIL FILLER CAP)	
	8C-8902	1	FILM-IDENTIFICATION (ENGINE OIL FILTER)	
			(ON OIL FILLER)	
	8C-5346	1	FILM-IDENTIFICATION (HYDRAULIC OIL FILTER)	
			(ON TOP OF IMPLEMENT TANK)	
	3E-8060	1	FILM-IDENTIFICATION (LOCK)	
			(ON TOP OF HYDRAULIC CONTROL CONSOLE)	
	3E-8102	1	FILM-IDENTIFICATION (STEERING OIL FILTER)	
			(ON TOP OF STEERING TANK)	
	130-5623	1	FILM-IDENTIFICATION (TRANSMISSION OIL LEVEL)	
			(ON PLATE NEXT TO TRANSMISSION SIGHT GAUGE)	
	134-7258	1	FILM-INFORMATION (EXTENDED LIFE COOLANT)	
			(NEXT TO RADIATOR FILL CAP)	
	220-2782	1	FILM-INFORMATION (HYDRAULIC OIL LEVEL)	
			(LEFT OF THE HYD OIL SIGHT GAGE ON THE IMPLEMENT TANK)	
	220-2783	1	FILM-INFORMATION (HYDRAULIC, STEERING OIL LEVEL)	
			(RIGHT OF THE HYD OIL SIGHT GAGE ON THE STEERING TANK)	
	334-4603	2	FILM-INFORMATION (HYDO ADVANCED 10)	
			(PLACE FILM ON TOP OF IMPLEMENT HYDRAULIC TANK & STEERING HYDRAULIC TANK NEAR TANK FILL WHERE VISABLE)	
	1P-2807	4	FILM-IDENTIFICATION (LIFT EYE LOCATION)	
			(2-ON ENGINE END FRAME LIFTING BRACKETS) (2-ON FRONT CHASSIS FRAME NEXT TO UPPER LIFTING EYES)	
	237-6245	1	FILM-INFORMATION (ROPS, FOPS, READ OMM)	
			(ON LH SIDE OF ROPS COVER PLATE 12-MM FROM BOTTOM EDGE & 155-MM FROM REAR EDGE)	
	217-2397	1	FILM-INSTRUCTION (SET, RESUME)	
			(ON TOP OF HYDRAULIC CONTROL CONSOLE)	
	7X-7644	4	FILM-IDENTIFICATION (TIE-DOWN)	
			(2-ON ENGINE END FRAME NEXT TO LOWER REAR TIE DOWN EYES) (2-ON FRONT CHASSIS FRAME NEXT TO LOWER TIE DOWN EYES)	
	166-8119	1	FILM-INSTRUCTION (FRESH AIR FILTER)	

234-5978 **PLATE & FILM GP (**contd.**)** **i04315211**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
			(CENTER ON FRESH AIR INTAKE FILTER DOOR)	
	124-2456	2	FILM-INSTRUCTION (NO STEP)	
			(ON TOP SURFACE OF EACH FENDER)	
	190-5386	2	FILM-IDENTIFICATION (ROUND RED REFLECTIVE)	
			(ON REAR OUSIDE SURFACE OF OF BUMPER, 75-MM FROM EACH SIDE CENTERD VERTICALLY ON FLAT SURFACE)	
	219-0305	1	FILM-WARNING (NO WELD, NO DRILL, READ OMM)	
			(ON LH SIDE OF ROPS COVER PLATE 12-MM FROM BOTTOM EDGE & 155-MM FROM REAR EDGE)	
	367-0844	2	FILM-INSTRUCTION (FUEL, READ OMM)	
			(ONE FILM ON FLAT SURFACE OF BREATHER ON FUEL CAP, OTHER FILM ON FUEL TANK ABOVE OPENING FOR FAST FUEL FILL PORT)	

A - NOT PART OF THIS GROUP
C - CHANGE FROM PREVIOUS TYPE
Y - SEPARATE ILLUSTRATION

<END>

256-9738 PLATE GP-ENGINE IDENTIFICATION

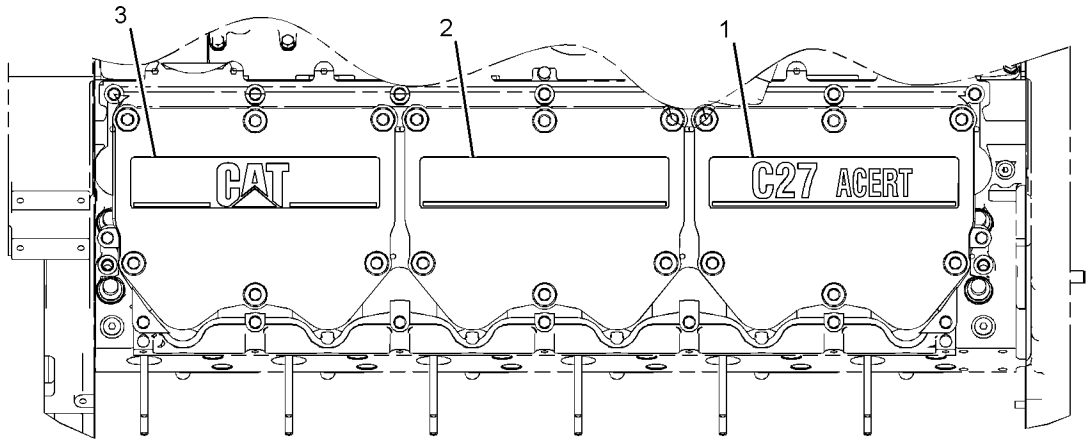
S/N: EHX1-UP

PART OF 217-5670, 271-8633 ENGINE AR-COMPLETE

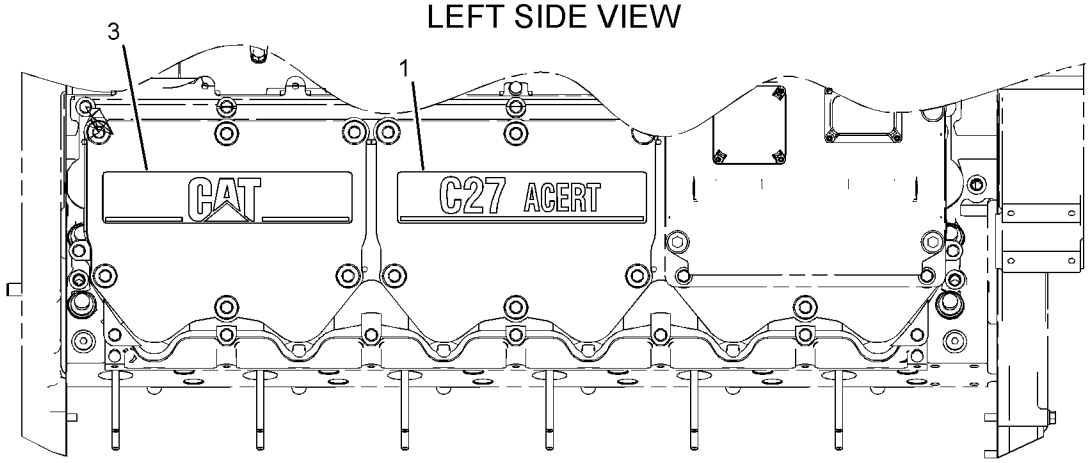
TYPE 1

SMCS-7557 **i02566808**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**234-1402**	2	PLATE-IDENTIFICATION (C27 ACERT)	
	2	1	**234-1404**	1	PLATE-STRIPE	
	3	1	**234-1405**	2	PLATE-IDENTIFICATION (CAT)	



LEFT SIDE VIEW



RIGHT SIDE VIEW

GRAPHIC #1 <END> g01299230

256-9738 PLATE GP-ENGINE IDENTIFICATION

S/N: EHX1-UP

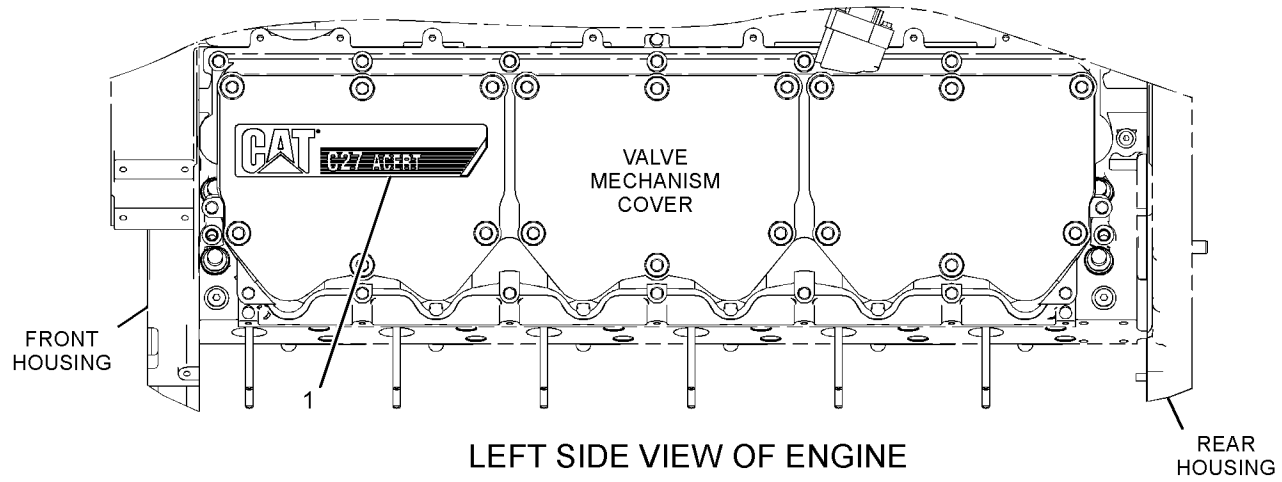
PART OF 217-5670, 271-8633 ENGINE AR-COMPLETE

TYPE 2

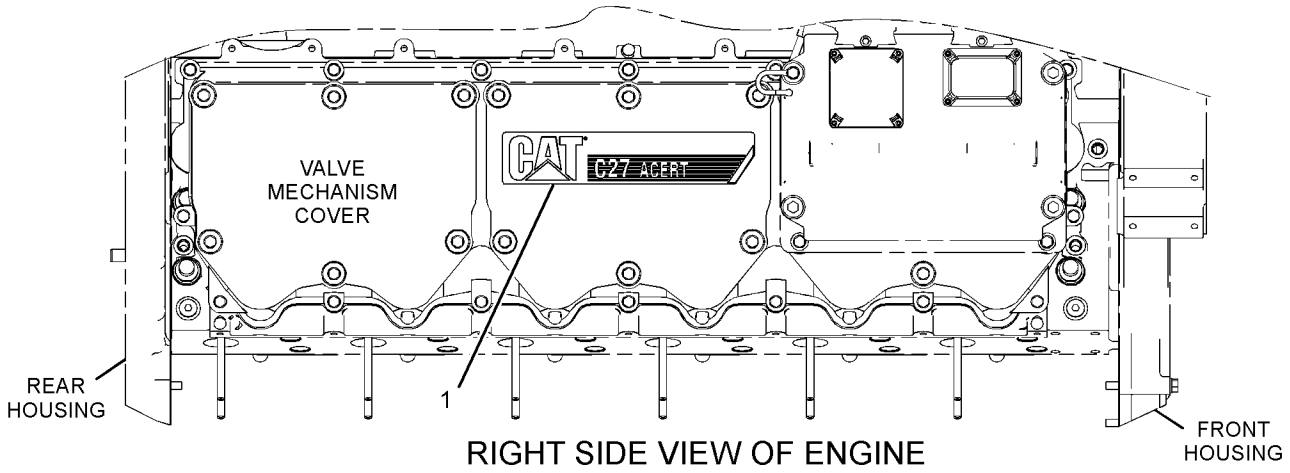
SMCS-7557 **i02719588**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	**294-0536**	2	PLATE-IDENTIFICATION (CAT C27 ACERT)	

C - CHANGE FROM PREVIOUS TYPE



LEFT SIDE VIEW OF ENGINE



RIGHT SIDE VIEW OF ENGINE

GRAPHIC #1 <END> g01394049

1N-4296 PROTECTION GP-VANDALISM

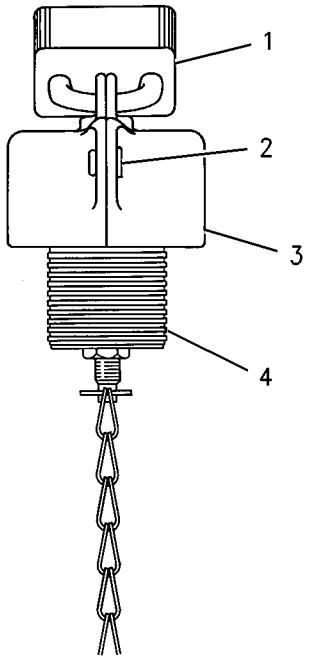
S/N: BTW1-UP

CAP

PART OF 229-7351 FILLER GP-POWER TRAIN OIL

SMCS-1273, 3005, 3030, 5056, 7315 **i03996690**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**246-2641**	1	PADLOCK GP	
		1	**5P-8500**	1	KEY	
	2	1	**8S-4212**	2	RIVET	
	3	1	**8S-3746**	2	COVER-FILLER CAP	
	4	1	**7W-1484**	1	CAP AS-OIL FILLER (POWER TRAIN)	
		1	**6H-0411**	1	WASHER (32.5X50.8X1.6-MM THK)	



GRAPHIC #1 <END> g00775220

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