

Parts Manual



See "General Information"
for New Parts Manual
Features.

D10T TRACK-TYPE TRACTOR

RJG1-Up (Machine)
EHX1-Up (Engine)
DRL1-Up (Transmission)
BHA1-Up (Bulldozer)
BHF1-Up (Bulldozer)
BHJ1-Up (Bulldozer)
BHP1-Up (Bulldozer)
4PP1-Up (Ripper)
BEY1-Up (Ripper)
BRT1-Up (Ripper)
TCK1-Up (Torque Converter)

Powered By C27 Engine

This Parts Manual is also available in .PDF format on Compact Disc
(CD-ROM)-Caterpillar Form No. SERP3655-44

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: _____

	<u>Dealer Contact</u>	<u>Phone Number</u>	<u>Hours</u>
Sales:	_____	_____	_____
Parts:	_____	_____	_____
Service:	_____	_____	_____

MEMORANDA

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GENERAL INFORMATION

1. MACHINE IDENTIFICATION

Caterpillar 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.

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

New Feature

Effective First Quarter 2001 the Caterpillar 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 Caterpillar machines and generator sets. The PIN plates and frame marking will display the 17 character PIN. The new format will look like the following:

*** C A T 0 7 8 9 B G 6 S L 1 2 3 4 5 ***

1 2 3 4

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 Caterpillar replacement parts are available from Caterpillar dealers throughout the world. Their parts inventories are up to date and include all parts normally required to protect your investment in Caterpillar 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.

GENERAL INFORMATION

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



New Feature

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>

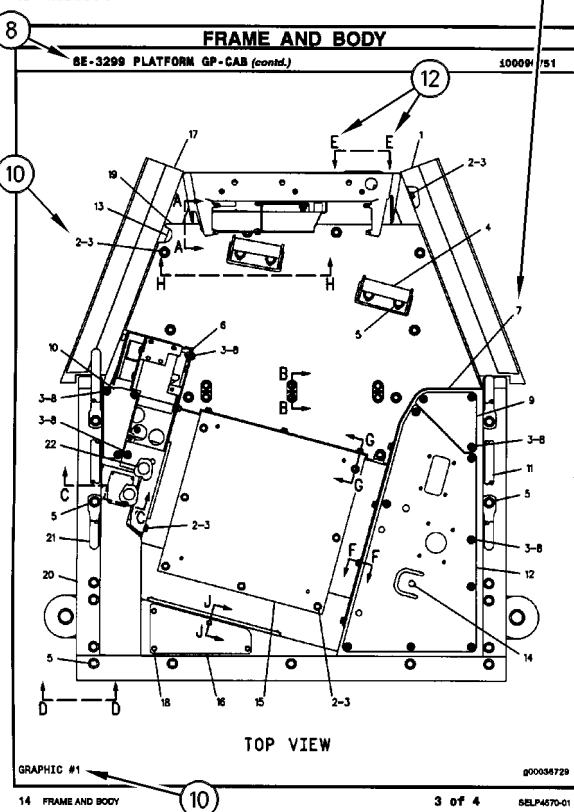
This symbol indicates the end of an information element.

NOTE:

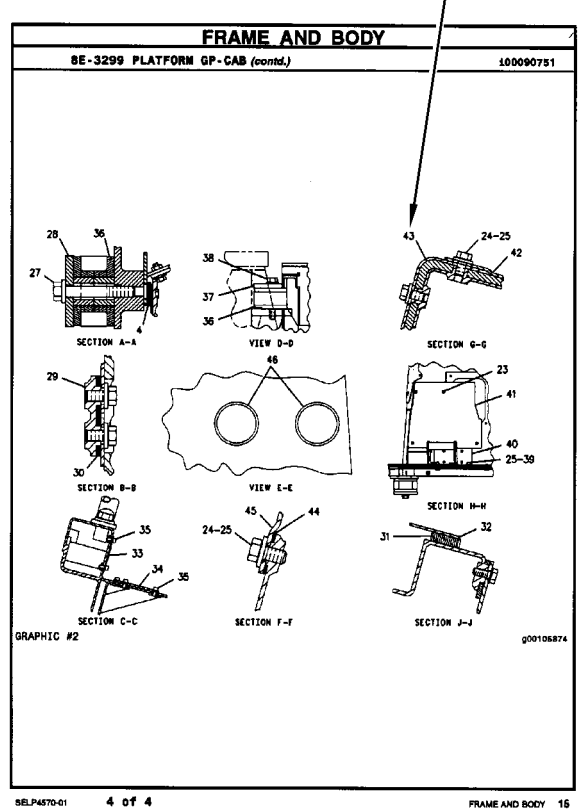
Continuing improvement and advancement of product design may cause changes to your machine which may not be included in this publication. Whenever a question arises regarding your caterpillar product or this publication, please consult your caterpillar dealer for the latest available information.

GENERAL INFORMATION

FRAME AND BODY					
8E-3299 PLATFORM GP-CAB					
PIN 38X1-00000					
100090751					
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME
	1		37-2002	1	PLATE AS
	2		8E-3299	25	BOLT (3/4-18X.750IN)
	3		8E-1078	41	WASHER-HARD (.388 THK)
	4		8E-1444	2	SUPPORT AS-FOOT
	5		8E-2229	19	BOLT (1/2-13X1IN)
	6		8E-8136	1	COVER AS-LH
	7		8E-8978	6	NUT-WELD (3/8-16 THD)
	8		17-8188	1	CLIP
	9		78-3411	4	COVER
	10		84-0488	19	SCREW-HEAD (3/8-18X.875IN)
	11		8E-8974	1	COVER
	12		8E-8975	1	GASKET
	13		8E-3248	1	COVER
	14		8E-2890	1	GASKET
	15		37-3496	1	HANDHOLD
	16		8E-8978	1	COVER AS
	17		8E-8978	8	NUT-WELD (3/8-16 THD)
	18		8E-8978	1	GASKET
	19		77-0131	1	FLOORPLATE AS
	20		17-0748	4	NUT-WELD (1/2-13 THD)
	21		77-8087	1	PLUS-BUTTON
	22		77-0136	1	PLATE AS
	23		8E-8978	5	NUT-WELD (3/8-16 THD)
	24		77-8089	1	COVER
	25		77-0770	1	GASKET
	26		37-2881	1	PLATE AS
	27		8E-8984	4	BOLT (1/4-20X.825IN)
	28		8E-8984	4	WASHER-HARD (.288 THK)
	29		8E-8984	1	FLOOR MAT
	30		8E-8984	1	MODULE AS-OPERATOR
	31		8E-8984	1	HANDHOLD
	32		8E-8971	2	PLUS
	33		8E-8984	4	BOLT (1/4-20X.825IN)
	34		8E-8984	4	WASHER-HARD (.288 THK)
	35		8E-8984	17	BOLT (3/8-18X.750IN)
	36		8E-1078	21	WASHER-HARD (.388 THK)
	37		77-0136	1	SEAL
	38		78-0378	2	BOLT (3/4-10X5IN)
	39		78-0382	2	WASHER-HARD (.388 THK)
	40		37-3496	2	PLATE
	41		37-3496	1	PLATE AS
	42		78-8988	8	SPACER
	43		37-3581	1	SEAL
	44		78-8917	1	GASKET
	45		78-8918	1	COVER AS
	46		78-8978	2	WASHER
	47		8E-8928	2	SCREW-KOBBLED
	48		8E-3428	1	COVER
	49		8E-8987	1	COVER
	50		8E-8981	8	SCREW-ROCKET HEAD
	51		8E-3148	8	MOUNTING
	52		8E-8987	2	PLATE
	53		78-8989	2	BOLT (7/8-8X5IN)
	54		78-0872	2	WASHER-HARD
	55		4L-8454	4	BOLT (3/8-18X1.02IN)
	56		37-6788	1	COVER



FRAME AND BODY					
8E-3299 PLATFORM GP-CAB (contd.)					
100090751					
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME
	41		8E-8918	1	COVER
	42		77-0134	1	PLATE
	43		77-0139	1	GASKET
	44		78-8724	1	GASKET
	45		78-8729	1	COVER
	46		8E-1002	2	PLUS-BUTTON



REPAIR ALTERNATIVES

REMANUFACTURED COMPONENTS

As an option when making repairs consider Caterpillar Remanufactured Components. Components that are available through the Caterpillar 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

Caterpillar 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 Caterpillar's 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	187
FILTER ELEMENT AS-AIR (SECONDARY)	6I - 2506	1	AIR CLEANER GP	187
FILTER ELEMENT-AIR (ADVANCED EFFICIENCY)	311 - 4065	1	PRECLEANER GP	219
SCREEN AS (ENGINE, AFTERCOOLER)	248 - 6942	4	PRECLEANER AR	212
SCREEN AS (ENGINE, AFTERCOOLER) (FINE FILTRATION)	248 - 6951	4	PRECLEANER AR	212
BASIC ENGINE				
BREATHER AS (CRANKCASE)	4N - 4668	2	COVER GP-VALVE MECHANISM	43
PLUG-DRAIN (ENGINE OIL PAN)	109 - 5839	1	PAN GP-OIL	84
SEAL (VALVE COVER BASE)	222 - 6456	1	BASE GP-VALVE COVER & INJ HARN	30
SEAL-VALVE COVER	224 - 7506	6	COVER GP-VALVE MECHANISM	42
SEAL-VALVE COVER (VALVE COVER)	224 - 7506	6	COVER GP-VALVE MECHANISM	43
COOLING SYSTEM				
CAP AS-RADIATOR	031 - 1119	1	TANK GP-COOLANT	172
		1	TANK GP-COOLANT	181
PLUG-DRAIN (WATER)	7N - 1447	1	LINES GP-WATER	132
REGULATOR-TEMPERATURE (92-DEG C) (COOLANT)	248 - 5513	2	LINES GP-WATER	152
SEAL-LIP TYPE (WATER TEMPERATURE REGULATOR)	3S - 9643	2	LINES GP-WATER	144
		2	LINES GP-WATER	152
ELECTRICAL AND STARTING SYSTEM				
BATTERY (12-VOLT, 1400-CCA) (MAINTENANCE FREE)	153 - 5710	2	BATTERY & WIRING GP	309
		2	BATTERY & WIRING GP	317
		2	BATTERY & WIRING GP	324
		2	BATTERY & WIRING GP	330
		2	BATTERY & WIRING GP	336
		2	BATTERY & WIRING GP	342
		2	BATTERY & WIRING GP	348
		2	BATTERY & WIRING GP	354
		2	BATTERY & WIRING GP	360
		2	STARTING AR-COLD WEATHER	476
		2	STARTING AR-COLD WEATHER	479
CIRCUIT BREAKER AS (15-AMPERE) (MAIN POWER)	6T - 3643	1	PANEL GP-FUSE	435
FILTER-FOAM (FUEL TANK)	111 - 4402	1	BATTERY & WIRING GP	309
		1	BATTERY & WIRING GP	317
		1	BATTERY & WIRING GP	324
		1	BATTERY & WIRING GP	330
		1	BATTERY & WIRING GP	336
		1	BATTERY & WIRING GP	342
		1	BATTERY & WIRING GP	348
		1	BATTERY & WIRING GP	354
		1	BATTERY & WIRING GP	360
FUSE (10-AMPERE)	9W - 1442	5	PANEL GP-FUSE	435
FUSE (15-AMPERE)	133 - 9012	1	RESISTOR GP-CAB HEATER	440
	9W - 1441	19	PANEL GP-FUSE	435

MAINTENANCE PARTS

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FUSE (175-AMPERE) (ALTERNATOR, MAIN)	239-8107	2	PANEL GP-FUSE	435
FUSE (20-AMPERE)	9W-1446	4	PANEL GP-FUSE	435
FUSE (25-AMPERE)	205-1677	1	HEATER GP-JACKET WATER	390
KEY (BATTERY DISCONNECT)	8H-5306	1	SWITCH GP-DISCONNECT	494
		1	SWITCH GP-DISCONNECT	495
LAMP (24-VOLT)	7N-1996	1	WIRING GP-PLATFORM	538
LAMP (24-VOLT) (REAR ACTION)	7N-1996	1	WIRING GP-PLATFORM	533
LAMP (24-VOLT, 21-WATT)	9X-4493	1	WIRING GP-CAB	504
LAMP AS-DOME	226-2811	1	WIRING GP-CAB	504
LAMP AS-FLOOD	213-4998	1	LAMP GP-FLOOD	404
LAMP AS-FLOOD (70-WATT)	213-4998	1	LAMP GP-FLOOD	403
LAMP AS-INDICATOR (ACTION LIGHT)	170-3461	1	WIRING GP-PLATFORM	533
		1	WIRING GP-PLATFORM	538
LAMP-HALOGEN (24-VOLT, 35-WATT)	209-6638	1	LAMP GP-FLOOD	405
		1	LAMP GP-FLOOD	406
		1	LAMP GP-FLOOD	407
LAMP-HALOGEN (24-VOLT, 65-WATT)	9X-3463	1	LAMP GP-FLOOD	400
		1	LAMP GP-FLOOD	401
		1	LAMP GP-FLOOD	402
		1	LAMP GP-HEAD	408
SCREEN (ALTERNATOR)	226-4909	1	ALTERNATOR GP-CHARGING	307
V-BELT (ALTERNATOR)	245-7481	1	ALTERNATOR GP-CHARGING	303
		1	ALTERNATOR GP-CHARGING	305
		1	ALTERNATOR GP-CHARGING	307
FRAME AND BODY				
PLUG-DRAIN (TRANSMISSION CASE)	106-8187	1	CASE & FRAME GP	630
		1	CASE & FRAME GP	631
FUEL SYSTEM				
CAP AS-FILLER (FUEL TANK)	7X-7700	1	TANK GP-FUEL	295
FILTER AS-WATER SEP & FUEL	326-1643	1	FILTER GP-WATER SEP & FUEL	264
FILTER ELEMENT-FUEL	9M-2341	1	FILTER GP-PRIMARY FUEL	258
FILTER-FUEL (ADVANCED EFFICIENCY)	1R-0755	1	FILTER GP-SECONDARY FUEL	259
		1	FILTER GP-SECONDARY FUEL	261
SEAL-RING (FUEL FILTER)	220-8678	1	FILTER GP-WATER SEP & FUEL	264
STRAINER-FUEL (TANK)	9P-7121	1	TANK GP-FUEL	295

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HYDRAULIC SYSTEM				
CAP AS	231-9494	1	TANK & FILTER GP-HYDRAULIC	935
CAP-FILLER (HYDRAULIC TANK)	7H-1447	1	TANK & FILTER GP-HYDRAULIC	935
FILTER ELEMENT AS-OIL (ADVANCED EFFICIENCY)	249-2337	1	TANK & FILTER GP-HYDRAULIC	935
FILTER ELEMENT AS-OIL (FIRE RESISTANT FLUID)	104-6931	2	TANK & FILTER GP-HYDRAULIC	935
FILTER ELEMENT AS-OIL (ULTRA HIGH EFFICIENCY)	139-1537	2	TANK & FILTER GP-HYDRAULIC	935
	243-3758	1	TANK & FILTER GP-HYDRAULIC	935
FILTER GP-OIL	249-1751	1	LINES GP-PILOT	871
FILTER GP-OIL (IMPLEMENT PILOT)	249-1751	1	LINES GP-PILOT	863
		1	LINES GP-PILOT	867
FILTER-OIL (ADVANCED EFFICIENCY)	130-3212	1	LINES GP-PILOT	863
		1	LINES GP-PILOT	867
		1	LINES GP-PILOT	871
FILTER-OIL (ULTRA HIGH EFFICIENCY)	126-1814	1	LINES GP-PILOT	863
		1	LINES GP-PILOT	867
		1	LINES GP-PILOT	871
SCREEN (HYDRAULIC)	118-8693	1	TANK & FILTER GP-HYDRAULIC	935
SCREEN (IMPLEMENT PILOT OIL)	6E-5066	1	MANIFOLD GP-CONTROL	907
		1	MANIFOLD GP-CONTROL	909
SCREEN AS (HYDRAULIC TANK, MAIN RETURN)	9T-7571	2	TANK & FILTER GP-HYDRAULIC	935
STRAINER AS-OIL (HYDRAULIC TANK FILL)	5D-7927	1	TANK & FILTER GP-HYDRAULIC	935
LUBRICATION SYSTEM				
FILTER AS-ENGINE OIL (STANDARD EFFICIENCY)	1R-0716	2	FILTER GP-ENGINE OIL	111
FILTER ELEMENT-BREATHER (CRANKCASE)	238-9204	1	BREATHER GP	107
MACHINE ARRANGEMENT				
HOSE	106-4572	9	CONVERSION AR-MACHINE	6

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OPERATOR STATION				
BLADE AS-WIPER (330-MM) (CAB DOOR)	128-5040	4	WIPER GP-WINDOW	1197
BLADE AS-WIPER (330-MM) (DOOR, RH, LH)	128-5040	4	WIPER GP-WINDOW	1200
BLADE AS-WIPER (400-MM) (FRONT)	6V-5851	1	WIPER GP-WINDOW	1197
		1	WIPER GP-WINDOW	1200
BLADE AS-WIPER (500-MM) (REAR)	5C-8811	1	WIPER GP-WINDOW	1197
BLADE AS-WIPER (600-MM) (RH, LH, REAR)	6V-6864	2	WIPER GP-WINDOW	1204
CIRCUIT BREAKER AS (15-AMPERE)	6T-3643	1	LINES GP-AIR CONDITIONER	1112
		1	LINES GP-AIR CONDITIONER	1115
FILTER ELEMENT AS-AIR (PRIMARY)	231-0167	1	FILTER GP-CAB AIR	1092
FILTER ELEMENT-AIR (STANDARD)	238-0479	1	HEATER GP-CAB	1097
FILTER ELEMENT-CAB AIR (STANDARD EFFICIENCY)	209-8217	1	HEATER GP-CAB	1097
		1	HEATER GP-CAB	1102
FILTER ELEMENT-CAB AIR (ULTRA HIGH EFFICIENCY, CARBON)	326-7963	1	FILTER GP-CAB AIR	1092
FUSE (15-AMPERE)	133-9012	1	HEATER GP-CAB	1100
RECEIVER GP-REFRIGERANT DRYER	175-7162	1	LINES GP-AIR CONDITIONER	1112
		1	LINES GP-AIR CONDITIONER	1119
		1	LINES GP-AIR CONDITIONER	1122
RECEIVER-REFRIGERANT DRYER	3E-3535	1	LINES GP-AIR CONDITIONER	1115
SEAT BELT GP (RETRACTABLE)	222-0345	1	SEAT GP	1167
		1	SEAT GP	1172
V-BELT (COMPRESSOR PULLEY)	4N-2745	1	COMPRESSOR GP-REFRIGERANT	1043
POWER TRAIN				
BREATHER (TRANSMISSION)	9G-5127	1	LINES GP-POWER TRAIN OIL	572
		1	LINES GP-POWER TRAIN OIL	577
		1	LINES GP-POWER TRAIN OIL	582
CAP AS-FILLER (POWER TRAIN OIL)	6N-2985	1	LINES GP-POWER TRAIN OIL	572
		1	LINES GP-POWER TRAIN OIL	577
		1	LINES GP-POWER TRAIN OIL	582
FILTER ELEMENT AS-OIL (ULTRA HIGH EFFICIENCY)	328-3655	1	FILTER GP-OIL	568
FILTER ELEMENT-OIL (ULTRA HIGH EFFICIENCY)	1R-1809	1	FILTER GP-OIL	567
PLUG-MAGNETIC (FINAL DRIVE)	6V-3298	1	DRIVE GP-FINAL	561
PLUG-MAGNETIC (FINAL DRIVE, OIL FILL)	6V-3298	1	DRIVE GP-FINAL	552
		1	DRIVE GP-FINAL	555
		1	DRIVE GP-FINAL	558
		1	DRIVE GP-FINAL	564
SCREEN AS-SUCTION (POWER TRAIN OIL SUMP)	9P-9555	1	LINES GP-POWER TRAIN OIL	572
		1	LINES GP-POWER TRAIN OIL	577
		1	LINES GP-POWER TRAIN OIL	582
SCREEN-SUCTION (TORQUE CONVERTER OIL)	8S-9130	1	TORQUE CONVERTER GP	616
SCREEN-SUCTION (TRANSMISSION SCAVENGE)	8S-9130	1	CASE & PARTS GP-PLANETARY	544

MAINTENANCE PARTS

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UNDERCARRIAGE				
BREATHER (LUBRICATION TANK)	198 - 7711	1	LUBRICATION GP-EQUALIZER BAR	747
BREATHER (PIVOT SHAFT OIL TANK)	9G - 5127	1	LUBRICATION GP-PIVOT SHAFT	749
CAP AS-FILLER (LUBRICATION TANK)	5L - 2952	1	LUBRICATION GP-EQUALIZER BAR	747
CAP-OIL FILLER (PIVOT SHAFT OIL TANK)	221 - 0812	1	LUBRICATION GP-PIVOT SHAFT	749
PLUG-DRAIN (PIVOT SHAFT OIL DRAIN)	4T - 2069	4	FRAME GP-TELESCOPING RECOIL	732
PLUG-DRAIN (PIVOT SHAFT OIL FILL)	4T - 2069	2	FRAME GP-TELESCOPING RECOIL	732
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MEMORANDA

MACHINE ARRANGEMENT

212-2741 CHASSIS AR

S/N: RJG1-UP

PART OF 212-2740 GENERAL AR

SMCS-7000

i03531142

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	213-7003	1	BATTERY & WIRING GP						309
Y	205-8640	1	CAB AR						1031
Y	213-0496	1	CASE & FRAME GP						630
Y	213-1121	1	DOOR GP-ACCESS						642
Y	213-1082	1	FENDER GP						670
Y	213-0047	1	FILTER & LINES GP-FUEL						249
Y	231-8147	1	GUARD GP-BOTTOM						681
Y	213-1141	1	GUARD GP-DRIVE SHAFT						689
Y	213-6973	1	GUARD GP-RADIATOR						694
			S/N: RJG1-528						
Y	270-7539	1	GUARD GP-RADIATOR						696
			S/N: RJG529-UP						
Y	213-1117	1	HOOD & GUARD GP						704
			S/N: RJG1-528						
Y	270-0517	1	HOOD & GUARD GP						706
			S/N: RJG529-UP						
Y	247-4927	1	LIGHTING GP-FLOOD (FRONT, REAR)						427
Y	213-0048	1	LINES GP-HEATER						1125
Y	231-4590	1	LUBRICATION GP-EQUALIZER BAR						747
Y	231-1381	1	LUBRICATION GP-PIVOT SHAFT						749
Y	213-7065	1	MOUNTING GP-ROPS						1139
Y	214-0067	1	PLATE & FILM GP						1270
Y	219-4135	1	PLATFORM AR						1155
Y	213-7067	1	ROPS GP						1160
Y	214-1096	1	SEAT & MOUNTING GP						1162
Y	209-6934	1	TANK GP-FUEL						294
	6V-1971	1	LITERATURE GP (MACHINE)						
	246-2641	1	PADLOCK GP						
	5P-8500	1	KEY						

Y-SEPARATE ILLUSTRATION

<END>

MACHINE ARRANGEMENT

238-4491 COLD WEATHER AR—SINGLE FLANGE ROLLERS

S/N: RJG1-UP

CANNOT BE USED WITH 199-7735—PAGE 751, 143-7543—PAGE 679, 238-4495—PAGE 10,
238-4494—PAGE 8, 210-1500—PAGE 718, 212-2739—PAGE 105
AN ATTACHMENT

SMCS-7000

i02274737

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	226-0463	1	BAR	GP	EQUALIZER				723
Y	110-2780	2	DRIVE	GP	FINAL				558
Y	245-9947	4	IDLER	GP	TRACK				741
Y	245-9948	16	ROLLER	GP	TRACK-SINGLE FLANGE				757
	251-3273	32	PIN	AS	TRACK				
			(EACH INCLUDES)						
	6Y-0473	2	PLUG	CLEAR					
	9G-4872	2	STOPPER	RUBBER					
	9X-7487	2	SEAL	AS	SHAFT				
Y-SEPARATE ILLUSTRATION									

<END>

238-4492 COLD WEATHER AR

S/N: RJG1-UP

CANNOT BE USED WITH 199-7735—PAGE 751, 143-7543—PAGE 679, 238-4495—PAGE 10,
210-1500—PAGE 718, 212-2739—PAGE 105
AN ATTACHMENT

SMCS-7000

i02274601

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	226-0463	1	BAR	GP	EQUALIZER				723
Y	110-2780	2	FINAL	DRIVE	GP				558
Y	245-9947	4	IDLER	GP	TRACK				741
Y	245-9949	8	ROLLER	GP	TRACK-DOUBLE FLANGE				754
Y	245-9948	8	ROLLER	GP	TRACK-SINGLE FLANGE				757
	251-3273	32	PIN	AS	TRACK				
			(EACH INCLUDES)						
	6Y-0473	2	PLUG	CLEAR					
	9G-4872	2	STOPPER	RUBBER					
	9X-7487	2	SEAL	AS	SHAFT				
Y-SEPARATE ILLUSTRATION									

<END>

240-2037 COLD WEATHER AR—BOGIE PIN

S/N: RJG1-UP

AN ATTACHMENT

SMCS-7000

i02275347

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	251-3273	32	PIN	AS	TRACK				
			(EACH INCLUDES)						
	6Y-0473	2	PLUG	CLEAR					
	9G-4872	2	STOPPER	RUBBER					

<END>

MACHINE ARRANGEMENT

290-2732 CONVERSION AR-MACHINE

S/N: RJG1-528

AN ATTACHMENT

SMCS-7000

i03531320

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	219-6485	1	LAMP	GP-FLOOD	(24-VOLT)				402
Y	214-0070	1	PLATE & FILM	GP					1273
Y	271-3002	1	PUMP	GP-GEAR	(REAR SECTION)				924
			(IMPLEMENT PUMP,	DUAL TILT)					
Y	267-2902	1	TANK	GP-COOLANT					181
	246-5772	1	DOOR	GP-ACCESS	(RADIATOR)				
	203-6066	1	LATCH	AS					
	246-5771	1	DOOR	AS					
	1V-8284	1	HINGE						
	264-4297	1	SENSOR	GP-TEMPERATURE	(FUEL)				
	137-6645	1	PAD	(CONNECTOR)					
	150-3065	1	ADAPTER	AS					
	3J-1907	1	SEAL-O-RING						
	6V-0484	1	ADAPTER-O-RING						
	267-2867	1	BAFFLE	AS					
	267-2868	1	BAFFLE	AS					
			(EACH BAFFLE AS INCLUDES)						
	6B-4594	11	RIVET						
	123-6857	1	BODY AS-PRECLEANER	(LH)					
	123-6858	1	BODY AS-PRECLEANER	(RH)					
	274-9565	1	BRACKET	AS					
	1F-0750	8	NUT-WELD	(3/8-16-THD)					
	274-9566	1	BRACKET	AS					
	1F-0750	1	NUT-WELD	(3/8-16-THD)					
	285-0986	1	BRACKET	AS					
	203-2789	2	BRACKET	AS					
	294-4708	2	BRACKET	AS					
			(EACH INCLUDES)						
M	8T-3490	2	NUT-WELD	(M10X1.5-THD)					
	267-2876	1	BRACKET	AS					
	267-2898	1	BRACKET	AS					
	267-2899	2	BRACKET	AS					
	267-2881	1	BRACKET	AS					
	267-2882	1	BRACKET	AS					
M	8T-3597	2	NUT-WELD	(M12X1.75-THD)					
	267-2883	1	BRACKET	AS					
M	8T-3597	2	NUT-WELD	(M12X1.75-THD)					
	267-2884	1	BRACKET	AS					
M	8T-3597	8	NUT-WELD	(M12X1.75-THD)					
	267-2896	1	BRACKET	AS					
M	7Y-8763	1	BOSS	(M10X1.5X25-MM)					
	267-2897	1	BRACKET	AS					
M	7Y-8763	1	BOSS	(M10X1.5X25-MM)					
	267-2872	2	BRACKET	AS					
			(EACH INCLUDES)						
M	8T-3490	2	NUT-WELD	(M10X1.5-THD)					
	7S-5003	2	CAP AS-RAIN	(EXHAUST)					
	261-0011	1	CAP	AS					
	271-5545	1	CONDENSER AS-REFRIGERANT	(AIR CONDITIONER)					
	148-8318	1	CONNECTOR	AS					
	3K-0360	1	SEAL-O-RING						
	6V-8397	1	SEAL-O-RING						
	6V-8634	1	CONNECTOR						
	148-8340	1	CONNECTOR	AS					

MACHINE ARRANGEMENT

290-2732 CONVERSION AR-MACHINE (contd.)

i03531320

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	3K-0360	1	SEAL-O-RING						
	6V-8398	1	SEAL-O-RING						
	6V-8639	1	CONNECTOR						
	267-9441	1	CORE AS-AFTERCOOLER (LH)						
	267-9442	1	CORE AS-AFTERCOOLER (RH)						
	204-7184	2	CORE AS-RADIATOR (OUTER)						
	213-9906	2	CORE AS-RADIATOR (INNER)						
	6V-3965	1	FITTING (QUICK DISCONNECT)						
	272-9665	1	COVER AS-ACCESS						
	269-0892	2	EJECTOR AS						
	275-2393	1	HARNESS AS-CHASSIS						
	276-3507	1	HARNESS AS-POWER (UNDER HOOD SERVICE LIGHT)						
	270-0519	1	HOOD AS						
	6P-2215	18	PIN-WELD						
I	277-6718	1	HOSE AS						
I	272-9830	1	HOSE AS						
I	267-2888	1	HOSE AS						
I	309-6856	1	HOSE AS						
I	309-6857	1	HOSE AS						
	7T-8331	8	MOUNT AS						
	269-7114	1	MUFFLER AS (LH)						
	269-7115	1	MUFFLER AS (RH)						
	283-8259	2	PLATE AS						
	267-2862	1	PLATE AS						
	267-2865	10	PLATE AS						
	148-8411	1	PLUG AS						
	3K-0360	1	SEAL-O-RING						
	9S-4185	1	PLUG-O-RING						
	7S-8817	2	PRECLEANER AS						
			(EACH INCLUDES)						
	6V-8801	1	NUT (3/8-16-THD)						
	0S-1591	1	BOLT (3/8-16X1.5-IN)						
	139-2116	1	SWITCH AS-TOGGLE (UNDER HOOD SERVICE LIGHT)						
	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)						
	6T-3631	2	NUT-HEX (15/32-32-THD)						
	6T-3632	1	LOCKWASHER						
	6T-3633	1	RING-LOCKING						
	102-8803	1	KIT-RECEPTACLE (3-PIN)						
			(INCLUDES RECEPTACLE AS & WEDGE)						
	153-6259	1	TEE AS						
	3D-2824	1	SEAL-O-RING						
	6V-8777	1	TEE-FACE SEAL						
	6V-9746	2	SEAL-O-RING						
	267-2906	1	TUBE AS						
	267-2907	1	TUBE AS						
	279-5729	1	TUBE AS-OIL FILLER						
	3P-1932	1	ADAPTER						
	5P-5528	1	ADAPTER-O-RING						
	0S-0509	2	BOLT (3/8-16X0.75-IN)						
	1A-2029	1	BOLT (3/8-16X1.125-IN)						
	1C-2251	2	BOLT (3/8-16X1.87-IN)						
	3B-1915	4	BOLT (3/8-16X1.375-IN)						
	0S-1588	5	BOLT (3/8-16X1.25-IN)						
	0L-1351	1	BOLT (3/8-16X0.875-IN)						
	0S-1590	1	BOLT (3/8-16X2-IN)						
	0S-1594	2	BOLT (3/8-16X1-IN)						
	8T-2502	1	BOLT (3/8-16X1.125-IN)						
M	8T-4137	48	BOLT (M10X1.5X20-MM)						

MACHINE ARRANGEMENT

290-2732 CONVERSION AR-MACHINE (contd.)

i03531320

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
M	8T-4136	1	BOLT (M10X1.5X25-MM)						
	8T-9377	4	BOLT (3/8-16X2.25-IN)						
M	8T-4176	2	BOLT (M12X1.75X90-MM)						
	5M-3062	8	BOLT (3/8-16X0.75-IN)						
M	8T-4185	8	BOLT (M10X1.5X50-MM)						
	8T-7008	4	BOLT (3/8-16X3-IN)						
M	6V-3668	6	BOLT (M12X1.75X30-MM)						
M	8T-4183	8	BOLT (M12X1.75X40-MM)						
	0L-1143	1	BOLT (3/8-16X2.5-IN)						
	9F-2773	1	BOLT (3/8-16X8.5-IN)						
M	8T-4182	4	BOLT (M10X1.5X45-MM)						
M	8T-4195	8	BOLT (M10X1.5X30-MM)						
M	8T-4196	30	BOLT (M10X1.5X35-MM)						
M	8T-6466	2	BOLT (M10X1.5X60-MM)						
M	8T-4191	2	BOLT (M10X1.5X16-MM)						
M	8T-4184	8	BOLT (M12X1.75X45-MM)						
M	8T-4648	4	BOLT (M12X1.75X70-MM)						
M	8T-4910	8	BOLT (M12X1.75X60-MM)						
M	8T-4956	4	BOLT (M12X1.75X35-MM)						
M	8T-4186	4	BOLT (M10X1.5X40-MM)						
	1W-2860	1	BRACKET						
	267-2885	1	BRACKET						
	267-2886	1	BRACKET						
	111-7421	2	CAP						
	157-0670	1	CAP-DUST						
	6V-0852	1	CAP-DUST						
	212-6933	2	CLAMP						
	127-0929	2	CLAMP						
	5P-4869	4	CLAMP-HOSE						
	5P-0597	4	CLAMP-HOSE						
	1P-4278	14	CLAMP-HOSE						
	7X-7958	4	CLAMP-HOSE						
	9X-2201	32	CLAMP-HOSE						
	4P-7581	1	CLIP						
	132-5789	3	CLIP						
	6D-4244	3	CLIP						
	8M-2773	4	CLIP						
	8S-0948	1	CLIP						
	067-2551	2	CLIP						
	5P-4325	4	CLIP						
	1S-0996	1	CLIP						
	1S-1015	1	CLIP						
	4D-9517	4	CLIP						
	5P-9299	1	CLIP						
	6K-5535	3	CLIP (SLOT)						
	6K-5536	3	CLIP (TAB)						
	6V-6782	4	CLIP (SLOT)						
	6V-6783	4	CLIP (TAB)						
	4S-1936	1	CLIP						
	5K-4778	1	CLIP						
	5P-4295	2	CLIP						
	8M-0505	2	CONNECTOR						
	6V-8639	1	CONNECTOR						
	260-3959	1	COUPLING						
	8M-0547	2	ELBOW-FLARED (SWIVEL)						
	8T-0119	1	ELBOW						
	280-2688	1	ELBOW						
	277-6717	1	ELBOW (1)						
	8T-2530	1	ELBOW						

MACHINE ARRANGEMENT

290-2732 CONVERSION AR-MACHINE (contd.)

i03531320

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	268-6682	2	ELBOW						
	3E-4041	1	ELBOW						
	6V-8245	3	ELBOW						
	269-1882	2	ELBOW						
	134-7258	1	FILM-INFORMATION (EXTENDED LIFE COOLANT,READ OMM)						
	2V-4868	1	FITTING						
	9Y-9236	1	GAUGE-SIGHT (COOLANT)						
	150-5931	2	GROMMET						
	4H-3539	1	GROMMET						
	3F-6156	1	HOOK						
	281-0193	1	HOSE						
E	5P-1471		HOSE (196-CM)						
E	5P-0764		HOSE (33-CM)						
	106-4572	9	HOSE						
E	5P-1251		HOSE (94-CM)						
E	5P-1465		HOSE (438-CM)						
	7C-3910	2	HOSE						
	186-2002	2	HOSE						
	7E-8630	2	HOSE-AIR INLET						
	9M-3835	2	LATCH-RUBBER						
	7T-1099	12	LINK						
	6V-9197	2	LOCK PIN						
	273-2418	1	MANIFOLD						
	204-8000	4	MOUNT (TIE WRAP)						
	6N-8744	4	MOUNT						
	1B-2578	6	NUT (3/8-16-THD)						
	6V-8801	2	NUT (3/8-16-THD)						
M	8T-4133	1	NUT (M10X1.5-THD)						
	9S-8752	3	NUT-FULL (3/8-16-THD)						
	2M-5795	2	PIN-CLEVIS						
	275-6274	1	PLATE						
	272-9566	1	PLATE						
	278-9029	2	PLATE						
	283-8258	2	PLATE						
	267-2863	1	PLATE						
	267-2864	1	PLATE						
	267-2873	1	PLATE						
	267-2874	1	PLATE						
	9S-8005	2	PLUG-O-RING						
	9S-4185	1	PLUG-O-RING						
	5P-9436	1	PLUG-THREADED O-RING						
	6I-2431	16	SEAL						
	8L-2786	8	SEAL-O-RING						
	5P-8211	1	SEAL-O-RING						
	3K-0360	2	SEAL-O-RING						
	180-8424	1	SEAL-O-RING						
	3J-1907	1	SEAL-O-RING						
	4J-0519	1	SEAL-O-RING						
	4J-0520	1	SEAL-O-RING						
	6V-1195	2	SEAL-O-RING						
	3J-7354	4	SEAL-O-RING						
	6V-5063	1	SEAL-O-RING						
	6V-8398	1	SEAL-O-RING						
	7M-8485	1	SEAL-O-RING						
	8C-3089	2	SEAL-O-RING						
	172-0197	3	SPACER (10.5X20X5.29-MM THK)						
	7W-9094	3	SPACER (10.5X20X9-MM THK)						
	8B-6561	1	SPACER (5.56X22.22X55.58-MM THK)						
	6I-2435	16	SPACER (RUBBER)						

MACHINE ARRANGEMENT

290-2732 CONVERSION AR-MACHINE (contd.)

i03531320

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	9M-4136	1	SPACER (0.438X0.75X0.5-IN THK)						
	3S-2093	5	STRAP-CABLE						
	7K-1181	100	STRAP-CABLE						
	0S-0699	1	STUD						
	192-5425	2	TEE						
	118-0911	1	TEE-O-RING PORT						
	297-1050	1	TUBE						
	267-2891	1	TUBE						
	267-2892	1	TUBE						
	267-2894	1	TUBE						
	267-2895	1	TUBE						
	154-9023	1	VALVE-SAMPLING						
	7X-7729	30	WASHER (11X25X3-MM THK)						
	5R-5927	4	WASHER (14X65X6-MM THK)						
	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	9X-6458	6	WASHER-HARD (10.2X22.5X3-MM THK)						
	8T-4121	70	WASHER-HARD (11X21X2.5-MM THK)						
	5P-1075	5	WASHER-HARD (10.2X22.5X3-MM THK)						
	8T-4896	14	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						
	8T-7934	14	WASHER-HARD (11X21X5-MM THK)						
	5P-1076	26	WASHER-HARD (13.5X30X4-MM THK)						
	7X-0590	8	WASHER-HARD (13.5X44.5X6-MM THK)						
	8T-4226	8	WASHER-PLATED (10.5X45X3-MM THK)						
E-ORDER BY THE CENTIMETER I-REFER TO HYDRAULIC INFORMATION SYSTEM M-METRIC PART Y-SEPARATE ILLUSTRATION									

<END>

212-2740 GENERAL AR

S/N: RJG1-UP

SMCS-7000

i02680833

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	212-2741	1	CHASSIS AR						1
Y	212-2743	1	ELECTRONICS AR-MACHINE						382
Y	212-2744	1	ENGINE AR-COMPLETE						18
			S/N: RJG1-528						
Y	271-2219	1	ENGINE AR-COMPLETE						19
			S/N: RJG529-UP						
Y	212-2742	1	HYDRAULIC AR						844
			S/N: RJG1-528						
Y	269-8382	1	HYDRAULIC AR						844
			S/N: RJG529-UP						
Y	212-2745	1	INSTALLATION AR-ENGINE						27
			S/N: RJG1-528						
Y	267-2900	1	INSTALLATION AR-ENGINE						28
			S/N: RJG529-UP						
Y	212-2746	1	POWER TRAIN AR						603
Y	212-2747	1	UNDERCARRIAGE AR						785

<END>

MACHINE ARRANGEMENT

231-5217 MINING AR

S/N: RJG1-UP

FOR USE WITH 213-1112-PAGE 1026, 256-6916-PAGE 1026, 222-1449-PAGE 235,
231-3072-PAGE 420, RIPPER, BULLDOZER LIFT CYLINDERS. CANNOT BE USED WITH
213-6382-PAGE 1161, 269-8387-PAGE 1026
AN ATTACHMENT

SMCS-7000

i03475439

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	268-7801	1	ALTERNATOR GP-CHARGING (24-VOLT, 95-AMPERE)						307
Y	226-6357	1	CAMERA AR						366
Y	214-2540	1	CONVERTER GP-ELECTRICAL						380
Y	196-8565	1	GUARD GP-IDLER						735
Y	277-5253	1	INSTALLATION AR-CAES						395
Y	221-1813	1	OIL CHANGE GP-HIGH SPEED						123
Y	214-1196	1	SEAT GP						1173
Y-SEPARATE ILLUSTRATION									

<END>

238-4494 MINING AR

S/N: RJG1-UP

AN ATTACHMENT

SMCS-7000

i02789881

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	213-1112	1	AIR CONDITIONER AR						1026
Y	199-7735	1	ROLLER AR-TRACK (SINGLE FLANGE)						751
Y	1Z-0919	1	SUSPENSION GP-BOGIE						765
Y-SEPARATE ILLUSTRATION									

<END>

MACHINE ARRANGEMENT

238-4498 STOCKPILE AR

S/N: RJG1-UP

FOR USE WITH 268-6651-PAGE 215. CANNOT BE USED WITH 269-8387-PAGE 1026,
213-4312-PAGE 752, 225-3161-PAGE 680, 268-7801-PAGE 307, 270-0525-PAGE 665,
272-5508-PAGE 168
AN ATTACHMENT

SMCS-7000

i02506135

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	239-8035	1	ALTERNATOR GP-CHARGING (24-VOLT, 95-AMPERE)						305
			S/N: RJG1-540						
Y	268-7801	1	ALTERNATOR GP-CHARGING (24-VOLT, 95-AMPERE)						307
			S/N: RJG541-UP						
Y	240-0228	1	ENCLOSURE GP-ENGINE						657
			S/N: RJG1-540						
Y	270-0525	1	ENCLOSURE GP-ENGINE						665
			S/N: RJG541-UP						
Y	220-0261	1	FAN AR-REVERSIBLE						130
Y	225-3161	1	GUARD GP-BOTTOM (STOCKPILE)						680
Y	247-1828	1	RADIATOR GP						163
			S/N: RJG1-540						
Y	267-2901	1	RADIATOR AR						156
			S/N: RJG541-UP						
Y	213-4312	1	ROLLER AR-TRACK CARRIER						752
Y	271-0322	1	SEAL GP-WASTE HANDLING						715
			S/N: RJG418-UP						

Y-SEPARATE ILLUSTRATION

<END>

324-3735 STOCKPILE AR

S/N: RJG1-UP

FOR USE WITH 268-6651-PAGE 215. CANNOT BE USED WITH 213-4312-PAGE 752,
225-3161-PAGE 680, 268-7801-PAGE 307, 270-0525-PAGE 665, 267-2901-PAGE 156,
269-8387-PAGE 1026
AN ATTACHMENT

SMCS-7000

i03481640

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	268-7801	1	ALTERNATOR GP-CHARGING (24-VOLT, 95-AMPERE)						307
Y	270-0525	1	ENCLOSURE GP-ENGINE						665
Y	220-0261	1	FAN AR-REVERSIBLE						130
Y	225-3161	1	GUARD GP-BOTTOM (STOCKPILE)						680
Y	296-6740	1	RADIATOR AR						157
Y	213-4312	1	ROLLER AR-TRACK CARRIER						752
Y	271-0322	1	SEAL GP-WASTE HANDLING						715

Y-SEPARATE ILLUSTRATION

<END>

MACHINE ARRANGEMENT

238-4495 WASTE HANDLING AR

S/N: RJG1-UP

FOR USE WITH 267-2901-PAGE 156, 268-6651-PAGE 215. CANNOT BE USED WITH
143-7543-PAGE 679, 269-8387-PAGE 1026
AN ATTACHMENT

SMCS-7000

i02962682

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	239-8035	1	ALTERNATOR GP-CHARGING (24-VOLT, 95-AMPERE)						305
			S/N: RJG1-562						
Y	268-7801	1	ALTERNATOR GP-CHARGING (24-VOLT, 95-AMPERE)						307
			S/N: RJG563-UP						
Y	301-3131	1	FLOORPLATE GP						678
			S/N: RJG1357-UP						
Y	143-7543	1	GUARD AR-FINAL DRIVE						679
Y	167-1949	1	GUARD AR-IDLER						734
Y	238-4496	1	WASTE HANDLING AR						11
	3J-7354	4	SEAL-O-RING						
	9S-8002	4	PLUG-O-RING						
Y-SEPARATE ILLUSTRATION									

<END>

MACHINE ARRANGEMENT

238-4496 WASTE HANDLING AR

S/N: RJG1-417

PART OF 238-4495 WASTE HANDLING AR
AN ATTACHMENT

SMCS-7000

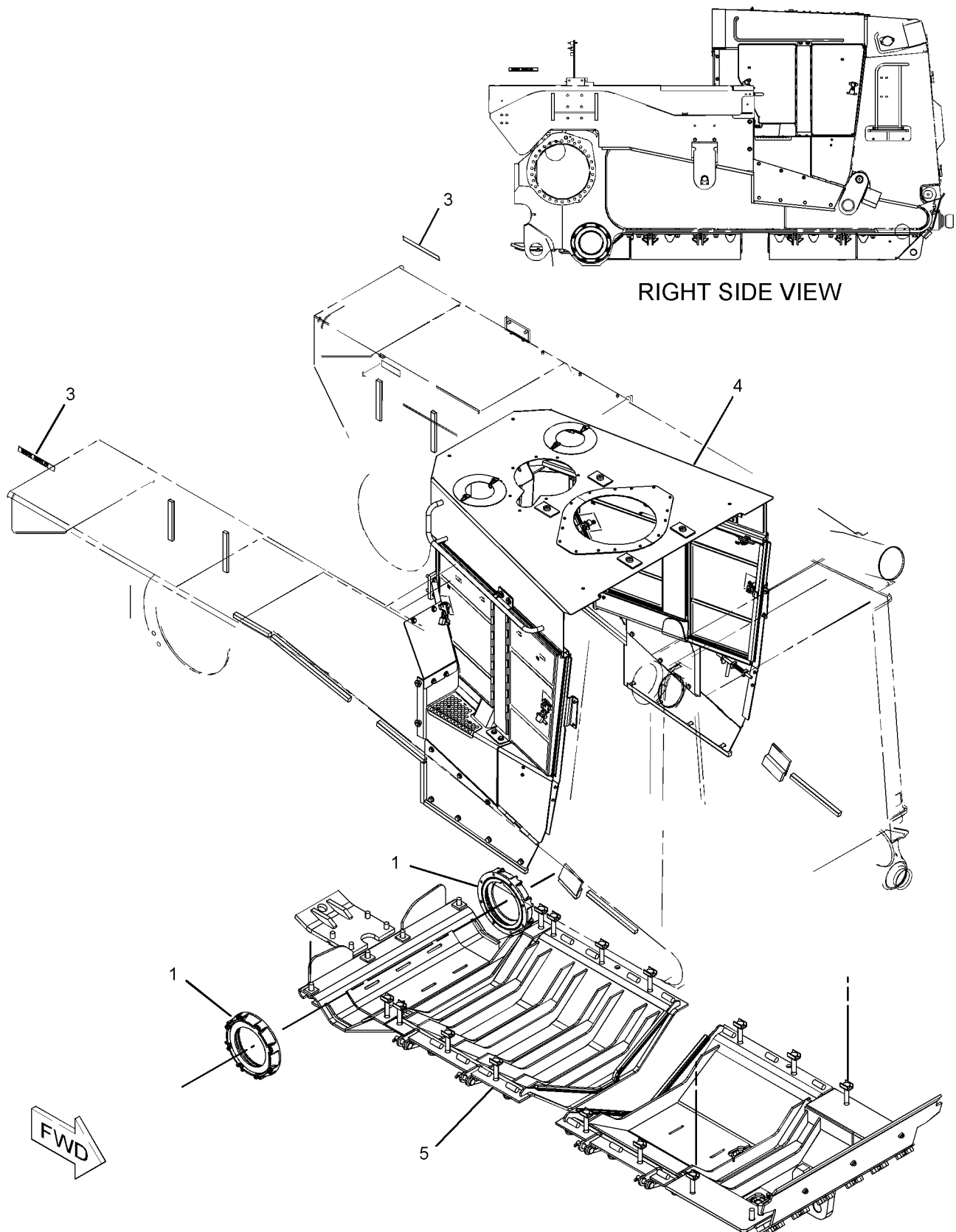
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NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	1Z-0749	1	GUARD GP-PIVOT SHAFT	691
	3	1	110-7935	2	FILM-WASTE HANDLER	
Y	4	1	240-0228	1	ENCLOSURE GP-ENGINE	657
Y	5	1	243-1653	1	GUARD GP-BOTTOM	683
Y-SEPARATE ILLUSTRATION						

MACHINE ARRANGEMENT

238-4496 WASTE HANDLING AR (contd.)

i02282701



GRAPHIC #1

<END>

g01140162

MACHINE ARRANGEMENT

238-4496 WASTE HANDLING AR

S/N: RJG418-597

PART OF 238-4495 WASTE HANDLING AR
AN ATTACHMENT

SMCS-7000

i02474470

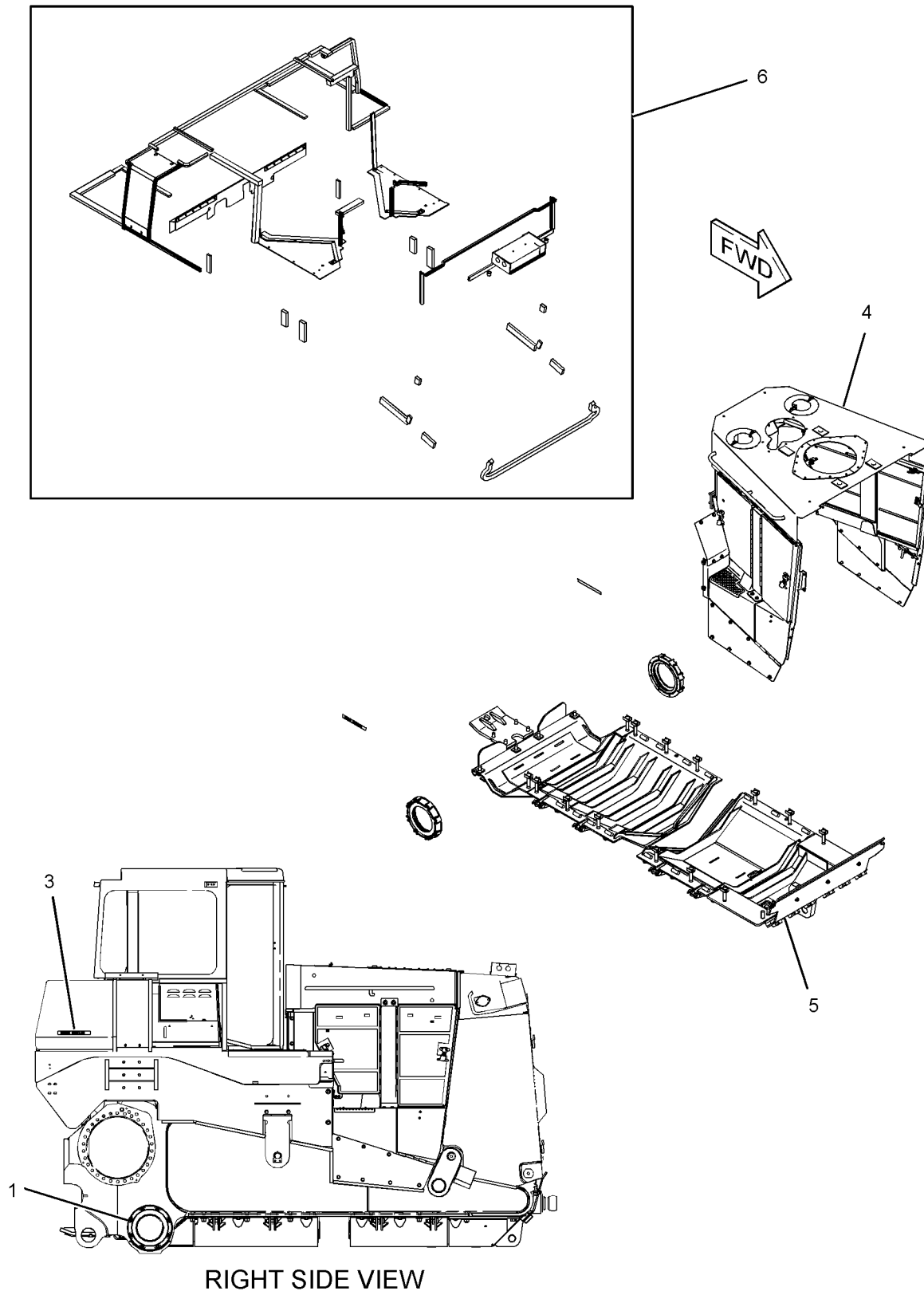
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	1Z-0749	1	GUARD GP-PIVOT SHAFT	691
	3	1	110-7935	2	FILM-WASTE HANDLER	
Y	4	1	240-0228	1	ENCLOSURE GP-ENGINE	657
Y	5	1	243-1653	1	GUARD GP-BOTTOM	683
CY	6	1	271-0322	1	SEAL GP-WASTE HANDLING	715

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION

MACHINE ARRANGEMENT

238-4496 WASTE HANDLING AR (contd.)

i02474470



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g01234243

MACHINE ARRANGEMENT

238-4496 WASTE HANDLING AR

S/N: RJG598-UP

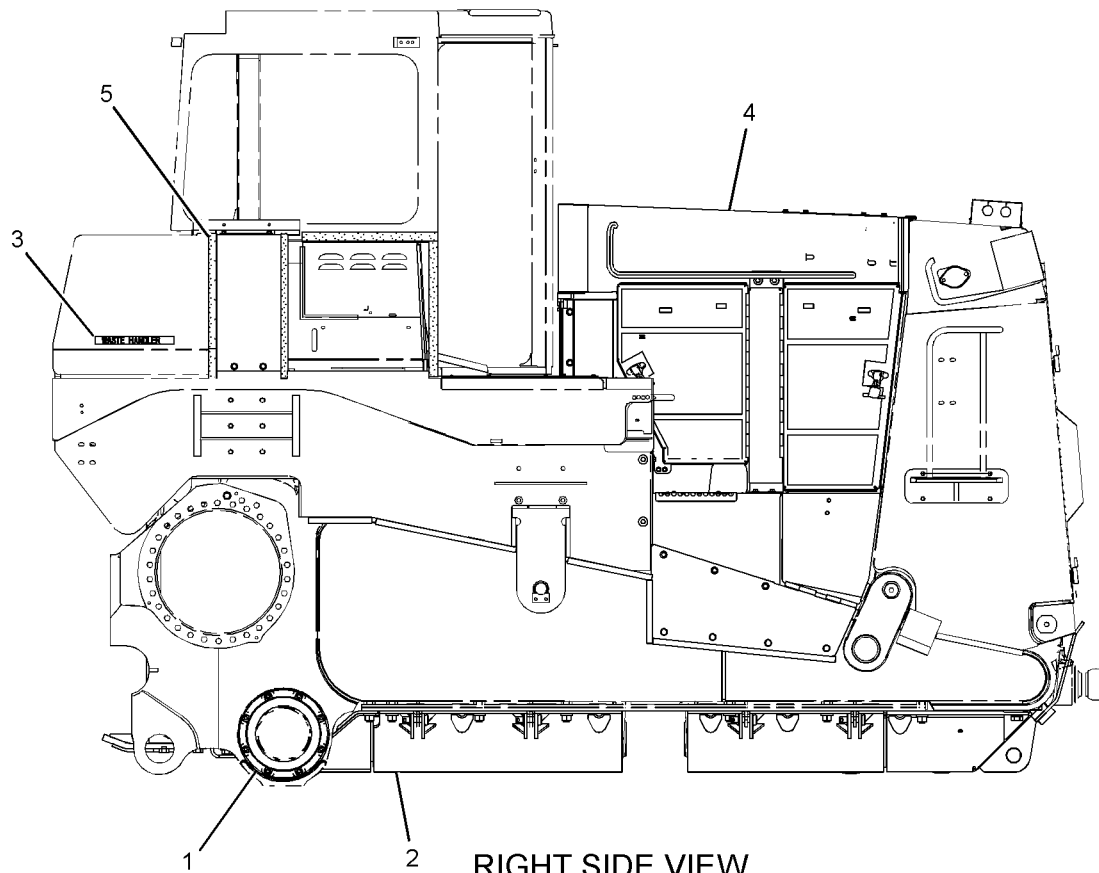
PART OF 238-4495 WASTE HANDLING AR
AN ATTACHMENT
TYPE 1

SMCS-7000

i02474396

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	1Z-0749	1	GUARD GP-PIVOT SHAFT						691
Y	2	1	243-1653	1	GUARD GP-BOTTOM						683
	3	1	110-7935	2	FILM-WASTE HANDLER						
CY	4	1	270-0525	1	ENCLOSURE GP-ENGINE						665
Y	5	1	271-0322	1	SEAL GP-WASTE HANDLING						715

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g01234658

MACHINE ARRANGEMENT

238-4496 WASTE HANDLING AR

S/N: RJG598-UP

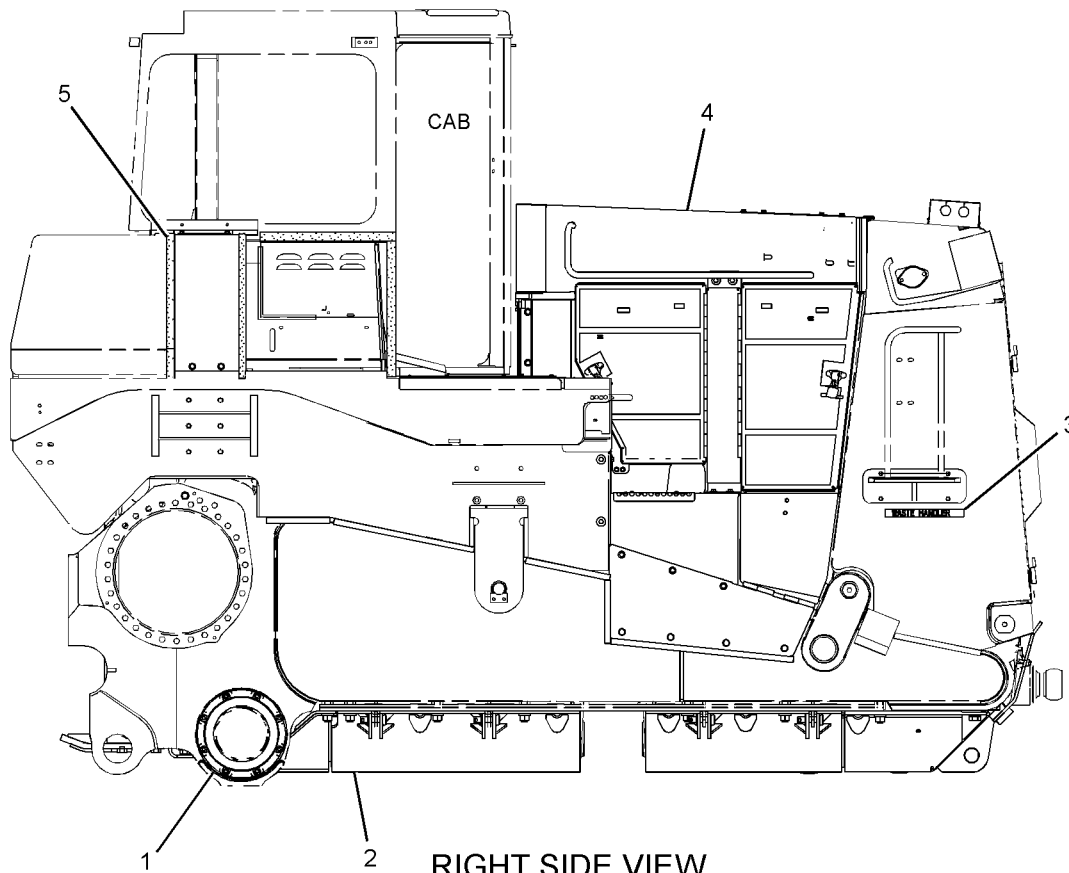
PART OF 238-4495 WASTE HANDLING AR
AN ATTACHMENT
TYPE 2

SMCS-7000

i02954183

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	1Z-0749	1	GUARD GP-PIVOT SHAFT						691
Y	2	1	243-1653	1	GUARD GP-BOTTOM						683
C	3	1	307-6264	2	FILM-IDENTIFICATION (WASTE HANDLER)						
Y	4	1	270-0525	1	ENCLOSURE GP-ENGINE						665
Y	5	1	271-0322	1	SEAL GP-WASTE HANDLING						715

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g01473833

ENGINE ARRANGEMENT

212-2737 ENGINE AR-COMPLETE*R

S/N: EHX1-2762

PART OF 257-5846 SUPPRESSION AR-SOUND
AN ATTACHMENT

SMCS-1000

i02470612

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	243-1554	1	CONTROL & MTG GP-ENGINE ELEK						371
Y	235-4102	1	COVER GP-CYLINDER BLOCK (FRONT STRUCTURE)						34
Y	235-7135	1	COVER GP-CYLINDER BLOCK (CENTRAL STRUCTURE)						36
Y	230-4156	1	COVER GP-REAR HOUSING						39
Y	6N-2229	1	DAMPER GP						60
Y	261-1507	1	ENGINE AR-CORE						24
Y	249-8533	1	FASTENER GP-MANIFOLD SHIELD						195
Y	216-0820	1	FILLER GP-ENGINE OIL						109
			S/N: EHX1-2500						
Y	281-0202	1	FILLER GP-ENGINE OIL						110
			S/N: EHX2501-2762						
Y	216-0819	1	FILTER GP-ENGINE OIL						111
Y	235-6504	1	FILTER GP-SECONDARY FUEL						259
			S/N: EHX1-2500						
Y	279-5730	1	FILTER GP-SECONDARY FUEL						261
			S/N: EHX2501-2762						
Y	216-0811	1	FLYWHEEL GP						62
Y	216-0821	1	GAUGE GP-OIL LEVEL (DIPSTICK) (ENGINE)						115
Y	216-0812	1	GEAR GP-REAR						67
Y	226-0297	1	HOUSING GP-FLYWHEEL						74
Y	235-2014	1	LIFTING GP-ENGINE						77
Y	216-0826	1	LINES GP-AIR						200
Y	216-0810	1	LINES GP-ENGINE OIL						116
Y	216-0829	1	LINES GP-FUEL						265
			S/N: EHX1-2500						
Y	282-5926	1	LINES GP-FUEL FILTER						268
			S/N: EHX2501-2762						
Y	216-0828	1	LINES GP-TURBOCHARGER OIL						121
Y	216-0823	1	LINES GP-WATER (ENGINE)						134
Y	216-0824	1	LINES GP-WATER (ENGINE)						144
Y	216-0825	1	LINES GP-WATER						146
Y	217-6686	1	MANIFOLD GP-EXHAUST						207
Y	219-7677	1	MOUNTING GP-ALTERNATOR & COMPR						83
Y	119-8582	1	PAN GP-OIL						84
Y	256-9738	1	PLATE GP-ENGINE IDENTIFICATION (ACERT)						1275
Y	227-9516	1	PLUG GP-CYLINDER BLOCK						87
Y	223-6407	1	PLUG GP-CYLINDER HEAD						89
Y	223-6421	1	PUMP & MTG GP-FUEL TRANSFER						288
Y	230-4172	1	PUMP GP-WATER (JACKET WATER)						155
Y	235-8210	1	SENSOR GP-ENGINE						443
Y	234-5913	1	SUPPORT GP-AFTERCOOLER						224
Y	248-4821	1	SUPPORT GP-ENGINE						104
Y	100-4417	1	SWITCH GP-FLOW						496
Y	7N-1346	1	TRUNNION GP-ENGINE						106
Y	234-1622	1	COVER GP-VALVE MECHANISM						42
Y	248-6886	1	WIRING GP-ELECTRONIC CONTROL						506

PLEASE USE THE GASKET KIT LINK IN SIS OR
CONTACT YOUR LOCAL DEALER FOR THE LATEST
GASKET KIT INFORMATION

Y-SEPARATE ILLUSTRATION

ENGINE ARRANGEMENT

212-2744 ENGINE AR-COMPLETE*R

S/N: EHX1-2580

PART OF 212-2740 GENERAL AR

SMCS-1000

i03508561

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	243-1554	1	CONTROL & MTG GP-ENGINE ELEK						371
Y	235-7135	1	COVER GP-CYLINDER BLOCK (CENTRAL STRUCTURE)						36
Y	235-4102	1	COVER GP-CYLINDER BLOCK (FRONT STRUCTURE)						34
Y	230-4156	1	COVER GP-REAR HOUSING						39
Y	234-1622	1	COVER GP-VALVE MECHANISM						42
Y	6N-2229	1	DAMPER GP						60
Y	260-9527	1	ENGINE AR-CORE						23
Y	249-8533	1	FASTENER GP-MANIFOLD SHIELD						195
Y	216-0820	1	FILLER GP-ENGINE OIL						109
Y	216-0819	1	FILTER GP-ENGINE OIL						111
Y	235-6504	1	FILTER GP-SECONDARY FUEL						259
Y	216-0811	1	FLYWHEEL GP						62
Y	216-0821	1	GAUGE GP-OIL LEVEL (DIPSTICK) (ENGINE)						115
Y	216-0812	1	GEAR GP-REAR						67
Y	226-0297	1	HOUSING GP-FLYWHEEL						74
Y	235-2014	1	LIFTING GP-ENGINE						77
Y	216-0826	1	LINES GP-AIR						200
Y	216-0810	1	LINES GP-ENGINE OIL						116
Y	216-0829	1	LINES GP-FUEL						265
Y	216-0828	1	LINES GP-TURBOCHARGER OIL						121
Y	216-0823	1	LINES GP-WATER (ENGINE)						134
Y	216-0824	1	LINES GP-WATER (ENGINE)						144
Y	216-0825	1	LINES GP-WATER						146
Y	217-6686	1	MANIFOLD GP-EXHAUST						207
Y	219-7677	1	MOUNTING GP-ALTERNATOR & COMPR						83
Y	119-8582	1	PAN GP-OIL						84
Y	256-9738	1	PLATE GP-ENGINE IDENTIFICATION (ACERT)						1275
Y	227-9516	1	PLUG GP-CYLINDER BLOCK						87
Y	223-6407	1	PLUG GP-CYLINDER HEAD						89
Y	223-6421	1	PUMP & MTG GP-FUEL TRANSFER						288
Y	230-4172	1	PUMP GP-WATER (JACKET WATER)						155
Y	235-8210	1	SENSOR GP-ENGINE						443
Y	234-5913	1	SUPPORT GP-AFTERCOOLER						224
Y	248-4821	1	SUPPORT GP-ENGINE						104
Y	100-4417	1	SWITCH GP-FLOW						496
Y	7N-1346	1	TRUNNION GP-ENGINE						106
Y	248-6886	1	WIRING GP-ELECTRONIC CONTROL						506

PLEASE USE THE GASKET KIT LINK IN SIS OR
CONTACT YOUR LOCAL DEALER FOR THE LATEST
GASKET KIT INFORMATION

Y-SEPARATE ILLUSTRATION

ENGINE ARRANGEMENT

271-2219 ENGINE AR-COMplete*R

S/N: EHX2581-UP

PART OF 212-2740 GENERAL AR

SMCS-1000

i03477768

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	243-1554	1	CONTROL & MTG GP-ENGINE ELEK						371
Y	235-4102	1	COVER GP-CYLINDER BLOCK (FRONT STRUCTURE)						34
			S/N: EHX2581-3690						
Y	307-9387	1	COVER GP-CYLINDER BLOCK (FRONT STRUCTURE)						37
			S/N: EHX3691-UP						
Y	235-7135	1	COVER GP-CYLINDER BLOCK (CENTRAL STRUCTURE)						36
Y	230-4156	1	COVER GP-REAR HOUSING						39
			S/N: EHX2581-3107						
Y	293-4440	1	COVER GP-REAR HOUSING						41
			S/N: EHX3108-UP						
Y	234-1622	1	COVER GP-VALVE MECHANISM						42
			S/N: EHX2581-3107						
Y	279-8129	1	COVER GP-VALVE MECHANISM						43
			S/N: EHX3108-UP						
Y	6N-2229	1	DAMPER GP						60
Y	276-9586	1	ENGINE AR-CORE						25
Y	249-8533	1	FASTENER GP-MANIFOLD SHIELD						195
Y	281-0202	1	FILLER GP-ENGINE OIL						110
Y	216-0819	1	FILTER GP-ENGINE OIL						111
Y	279-5730	1	FILTER GP-SECONDARY FUEL						261
Y	216-0811	1	FLYWHEEL GP						62
Y	216-0821	1	GAUGE GP-OIL LEVEL (DIPSTICK) (ENGINE)						115
Y	216-0812	1	GEAR GP-REAR						67
Y	226-0297	1	HOUSING GP-FLYWHEEL						74
Y	235-2014	1	LIFTING GP-ENGINE						77
Y	216-0826	1	LINES GP-AIR						200
			S/N: EHX2581-4528						
Y	312-5583	1	LINES GP-AIR						205
			S/N: EHX4529-UP						
Y	216-0810	1	LINES GP-ENGINE OIL						116
Y	282-5926	1	LINES GP-FUEL FILTER						268
			S/N: EHX2581-4528						
Y	312-5582	1	LINES GP-FUEL FILTER						284
			S/N: EHX4529-UP						
Y	216-0828	1	LINES GP-TURBOCHARGER OIL						121
Y	216-0823	1	LINES GP-WATER (ENGINE)						134
Y	216-0824	1	LINES GP-WATER (ENGINE)						144
			S/N: EHX2581-2749						
Y	238-7590	1	LINES GP-WATER (ENGINE)						152
			S/N: EHX2750-UP						
Y	216-0825	1	LINES GP-WATER						146
Y	217-6686	1	MANIFOLD GP-EXHAUST						207
Y	219-7677	1	MOUNTING GP-ALTERNATOR & COMPR						83
Y	119-8582	1	PAN GP-OIL						84
Y	256-9738	1	PLATE GP-ENGINE IDENTIFICATION (ACERT)						1275
Y	227-9516	1	PLUG GP-CYLINDER BLOCK						87
Y	223-6407	1	PLUG GP-CYLINDER HEAD						89
Y	223-6421	1	PUMP & MTG GP-FUEL TRANSFER						288
Y	230-4172	1	PUMP GP-WATER (JACKET WATER)						155
Y	235-8210	1	SENSOR GP-ENGINE						443
Y	234-5913	1	SUPPORT GP-AFTERCOOLER						224
			S/N: EHX2581-3156						
Y	300-5905	1	SUPPORT GP-AFTERCOOLER						226
			S/N: EHX3157-3760						
Y	307-9388	1	SUPPORT GP-AFTERCOOLER						228
			S/N: EHX3761-UP						

ENGINE ARRANGEMENT

271-2219 ENGINE AR-COMPLETE (contd.)

i03477768

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	6N-1378	1	SUPPORT	GP-ENGINE					103
Y	100-4417	1	SWITCH	GP-FLOW (COOLANT)					496
Y	7N-1346	1	TRUNNION	GP-ENGINE					106
Y	248-6886	1	WIRING	GP-ELECTRONIC CONTROL					506
			PLEASE USE THE GASKET KIT LINK IN SIS OR CONTACT YOUR LOCAL DEALER FOR THE LATEST GASKET KIT INFORMATION						
Y-SEPARATE ILLUSTRATION									

ENGINE ARRANGEMENT

271-2220 ENGINE AR-COMPLETE*R

S/N: EHX1-UP

482 BRAKE KW (646 BHP)

PART OF 210-1500, 212-2739, 257-5846 SUPPRESSION AR-SOUND
AN ATTACHMENT

SMCS-1000

i03504270

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	243-1554	1	CONTROL & MTG GP-ENGINE ELEK						371
Y	235-4102	1	COVER GP-CYLINDER BLOCK (FRONT STRUCTURE)						34
			S/N: EHX1-3630						
Y	307-9387	1	COVER GP-CYLINDER BLOCK (FRONT STRUCTURE)						37
			S/N: EHX3631-UP						
Y	235-7135	1	COVER GP-CYLINDER BLOCK (CENTRAL STRUCTURE)						36
Y	230-4156	1	COVER GP-REAR HOUSING						39
			S/N: EHX1-3107						
Y	293-4440	1	COVER GP-REAR HOUSING						41
			S/N: EHX3108-UP						
Y	6N-2229	1	DAMPER GP						60
Y	276-9587	1	ENGINE AR-CORE						26
Y	249-8533	1	FASTENER GP-MANIFOLD SHIELD						195
Y	281-0202	1	FILLER GP-ENGINE OIL						110
Y	216-0819	1	FILTER GP-ENGINE OIL						111
Y	279-5730	1	FILTER GP-SECONDARY FUEL						261
Y	216-0811	1	FLYWHEEL GP						62
Y	216-0821	1	GAUGE GP-OIL LEVEL (DIPSTICK) (ENGINE)						115
Y	216-0812	1	GEAR GP-REAR						67
Y	226-0297	1	HOUSING GP-FLYWHEEL						74
Y	235-2014	1	LIFTING GP-ENGINE						77
Y	216-0826	1	LINES GP-AIR						200
			S/N: EHX1-4760						
Y	312-5583	1	LINES GP-AIR						205
			S/N: EHX4761-UP						
Y	216-0810	1	LINES GP-ENGINE OIL						116
Y	282-5926	1	LINES GP-FUEL FILTER						268
			S/N: EHX1-4760						
Y	312-5582	1	LINES GP-FUEL FILTER						284
			S/N: EHX4761-UP						
Y	216-0828	1	LINES GP-TURBOCHARGER OIL						121
Y	216-0823	1	LINES GP-WATER (ENGINE)						134
Y	238-7590	1	LINES GP-WATER (ENGINE)						152
Y	216-0825	1	LINES GP-WATER (AFTERCOOLER)						146
Y	217-6686	1	MANIFOLD GP-EXHAUST						207
Y	219-7677	1	MOUNTING GP-ALTERNATOR & COMPR						83
Y	119-8582	1	PAN GP-OIL						84
Y	256-9738	1	PLATE GP-ENGINE IDENTIFICATION (ACERT)						1275
Y	227-9516	1	PLUG GP-CYLINDER BLOCK						87
Y	223-6407	1	PLUG GP-CYLINDER HEAD						89
Y	223-6421	1	PUMP & MTG GP-FUEL TRANSFER						288
Y	230-4172	1	PUMP GP-WATER (JACKET WATER)						155
Y	235-8210	1	SENSOR GP-ENGINE						443
Y	234-5913	1	SUPPORT GP-AFTERCOOLER						224
			S/N: EHX1-3196						
Y	300-5905	1	SUPPORT GP-AFTERCOOLER						226
			S/N: EHX3197-3630						
Y	307-9388	1	SUPPORT GP-AFTERCOOLER						228
			S/N: EHX3631-UP						
Y	6N-1378	1	SUPPORT GP-ENGINE						103
Y	100-4417	1	SWITCH GP-FLOW						496
Y	7N-1346	1	TRUNNION GP-ENGINE						106
Y	234-1622	1	COVER GP-VALVE MECHANISM						42
			S/N: EHX1-3107						

ENGINE ARRANGEMENT

271-2220 ENGINE AR-COMPLETE (contd.)

i03504270

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	279-8129	1	COVER GP-VALVE MECHANISM						43
			S/N: EHX3108-UP						
Y	248-6886	1	WIRING GP-ELECTRONIC CONTROL						506
			PLEASE USE THE GASKET KIT LINK IN SIS OR CONTACT YOUR LOCAL DEALER FOR THE LATEST GASKET KIT INFORMATION						
Y-SEPARATE ILLUSTRATION									

ENGINE ARRANGEMENT

260-9527 ENGINE AR-CORE

S/N: EHX1-2790

PART OF 212-2744 ENGINE AR-COMPLETE

SMCS-1000

i02270799

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	223-6408	1	BASE GP-VALVE COVER & INJ HARN						29
Y	260-9306	1	CAMSHAFT GP						32
Y	225-6052	1	CRANKSHAFT GP						44
Y	237-0842	1	CYLINDER BLOCK GP						48
Y	223-6397	1	CYLINDER HEAD GP						54
Y	4N-2481	1	FASTENER GP-OIL PUMP MOUNTING						108
Y	235-7134	1	GEAR GP-FRONT						63
Y	238-9862	1	HOUSING GP-FRONT						75
Y	233-2462	1	HOUSING GP-REAR						76
Y	260-9631	1	MECHANISM GP-FUEL PUMP & VALVE						79
Y	213-4836	12	PISTON & ROD GP						86
YR	7C-1772	1	PUMP GP-ENGINE OIL						128
Y	238-0489	12	PUMP GP-FUEL INJECTION						290
Y	217-6570	1	TURBOCHARGER GP						229
	223-3265	1	ELECTRONICS GP-ENGINE RATINGS						

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

ENGINE ARRANGEMENT

261-1507 ENGINE AR-CORE

S/N: EHX1-2790

PART OF 212-2737 ENGINE AR-COMPLETE
AN ATTACHMENT

SMCS-1000

i02271969

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	223-6408	1	BASE GP-VALVE COVER & INJ HARN						29
Y	260-9306	1	CAMSHAFT GP						32
Y	225-6052	1	CRANKSHAFT GP						44
Y	237-0842	1	CYLINDER BLOCK GP						48
Y	223-6397	1	CYLINDER HEAD GP						54
Y	4N-2481	1	FASTENER GP-OIL PUMP MOUNTING						108
Y	235-7134	1	GEAR GP-FRONT						63
Y	238-9862	1	HOUSING GP-FRONT						75
Y	233-2462	1	HOUSING GP-REAR						76
Y	260-9631	1	MECHANISM GP-FUEL PUMP & VALVE						79
Y	213-4836	12	PISTON & ROD GP						86
YR	7C-1772	1	PUMP GP-ENGINE OIL						128
Y	238-0489	12	PUMP GP-FUEL INJECTION						290
Y	217-6570	1	TURBOCHARGER GP						229
	229-2767	1	ELECTRONICS GP-ENGINE RATINGS						

R-REMG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

ENGINE ARRANGEMENT

276-9586 ENGINE AR-CORE

S/N: EHX2581-UP

PART OF 271-2219 ENGINE AR-COMPLETE

SMCS-1000

i02531546

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	223-6408	1	BASE GP-VALVE COVER & INJ HARN						29
Y	260-9306	1	CAMSHAFT GP						32
Y	225-6052	1	CRANKSHAFT GP						44
Y	237-0842	1	CYLINDER BLOCK GP						48
Y	223-6397	1	CYLINDER HEAD GP						54
			S/N: EHX2581-2790, 2806-2809						
Y	284-8895	1	CYLINDER HEAD GP						58
			S/N: EHX2791-2805, 2810-UP						
Y	4N-2481	1	FASTENER GP-OIL PUMP MOUNTING						108
Y	235-7134	1	GEAR GP-FRONT						63
Y	238-9862	1	HOUSING GP-FRONT						75
Y	233-2462	1	HOUSING GP-REAR						76
Y	260-9631	1	MECHANISM GP-FUEL PUMP & VALVE						79
Y	213-4836	12	PISTON & ROD GP						86
YR	7C-1772	1	PUMP GP-ENGINE OIL						128
Y	238-0489	12	PUMP GP-FUEL INJECTION						290
Y	217-6570	1	TURBOCHARGER GP						229
	276-5458	1	ELECTRONICS GP-ENGINE RATINGS						

R-REMFG PART MAY BE AVAILABLE

Y-SEPARATE ILLUSTRATION

ENGINE ARRANGEMENT

276-9587 ENGINE AR-CORE

S/N: EHX1-UP

482 BRAKE KW (646 BHP)

PART OF 271-2220 ENGINE AR-COMPLETE
AN ATTACHMENT

SMCS-1000

i02561641

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	223-6408	1	BASE GP-VALVE COVER & INJ HARN						29
Y	260-9306	1	CAMSHAFT GP						32
Y	225-6052	1	CRANKSHAFT GP						44
Y	237-0842	1	CYLINDER BLOCK GP						48
Y	223-6397	1	CYLINDER HEAD GP						54
			-OR-						
Y	284-8895	1	CYLINDER HEAD GP						58
Y	4N-2481	1	FASTENER GP-OIL PUMP MOUNTING						108
Y	235-7134	1	GEAR GP-FRONT						63
Y	238-9862	1	HOUSING GP-FRONT						75
Y	233-2462	1	HOUSING GP-REAR						76
Y	260-9631	1	MECHANISM GP-FUEL PUMP & VALVE						79
Y	213-4836	12	PISTON & ROD GP						86
YR	7C-1772	1	PUMP GP-ENGINE OIL						128
Y	238-0489	12	PUMP GP-FUEL INJECTION						290
Y	217-6570	1	TURBOCHARGER GP						229
	276-5459	1	ELECTRONICS GP-ENGINE RATINGS						
R-REMFG PART MAY BE AVAILABLE									
Y-SEPARATE ILLUSTRATION									

ENGINE ARRANGEMENT

212-2745 INSTALLATION AR-ENGINE

S/N: RJG1-528

PART OF 212-2740 GENERAL AR

SMCS-1000

i03531448

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	212-7532	1	AFTERCOOLER GP-AIR						182
Y	212-7683	1	AIR CLEANER GP						186
Y	218-4962	1	ALTERNATOR GP-CHARGING						303
Y	214-6665	1	COOLER GP-HYDRAULIC OIL						814
Y	212-7679	1	DUST EJECTOR GP (ATAAC) (RH)						190
Y	212-7684	1	DUST EJECTOR GP (ATAAC) (LH)						192
Y	213-8358	1	FAN GP-SUCTION						131
Y	212-7678	1	FUMES DISPOSAL GP						113
Y	212-9645	1	LINES GP-AIR (EXHAUST)						196
Y	212-9646	1	LINES GP-AIR (ENGINE INLET)						198
Y	212-9647	1	LINES GP-AIR (ATAAC) (REMOTE)						199
Y	212-7682	1	LINES GP-WATER						132
Y	212-7680	1	MUFFLER GP						209
Y	175-7542	1	PRECLEANER GP						217
Y	212-9648	1	PULLEY GP-CRANKSHAFT						90
Y	212-7587	1	RADIATOR GP						159
Y	212-7688	1	SHIELD GP-HEAT						223
Y	221-1814	1	STARTING AID GP-ETHER						474
Y	105-4729	1	STARTING MOTOR GP-ELECTRIC						489
Y	4P-5544	1	SUPPORT GP-ENGINE						102
Y	212-7681	1	TANK GP-COOLANT						170
Y	213-7004	1	WIRING GP-ENGINE						510
	246-2641	1	PADLOCK GP						
	5P-8500	1	KEY						

Y-SEPARATE ILLUSTRATION

ENGINE ARRANGEMENT

267-2900 INSTALLATION AR-ENGINE

S/N: RJG529-UP

PART OF 212-2740 GENERAL AR

SMCS-1000

i03531449

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	267-2880	1	AFTERCOOLER GP-AIR						184
Y	268-6368	1	AIR CLEANER GP						188
Y	218-4962	1	ALTERNATOR GP-CHARGING						303
Y	214-6665	1	COOLER GP-HYDRAULIC OIL						814
Y	269-0889	1	DUST EJECTOR GP						194
Y	213-8358	1	FAN GP-SUCTION						131
Y	212-7678	1	FUMES DISPOSAL GP						113
			S/N: RJG529-936						
Y	291-4724	1	FUMES DISPOSAL GP						114
			S/N: RJG937-UP						
Y	212-9645	1	LINES GP-AIR (EXHAUST)						196
Y	267-2890	1	LINES GP-AIR (AFTERCOOLER)						202
Y	267-2905	1	LINES GP-AIR (INTAKE)						204
Y	212-7682	1	LINES GP-WATER						132
Y	269-7113	1	MUFFLER GP						210
Y	212-9648	1	PULLEY GP-CRANKSHAFT						90
Y	267-2860	1	RADIATOR GP						164
Y	212-7688	1	SHIELD GP-HEAT						223
Y	221-1814	1	STARTING AID GP-ETHER						474
Y	105-4729	1	STARTING MOTOR GP-ELECTRIC						489
Y	4P-5544	1	SUPPORT GP-ENGINE						102
Y	267-2875	1	TANK GP-COOLANT						173
Y	213-7004	1	WIRING GP-ENGINE						510
	246-2641	1	PADLOCK GP						
	5P-8500	1	KEY						

Y-SEPARATE ILLUSTRATION

BASIC ENGINE

223-6408 BASE GP-VALVE COVER & INJ HARN

S/N: EHX1-UP

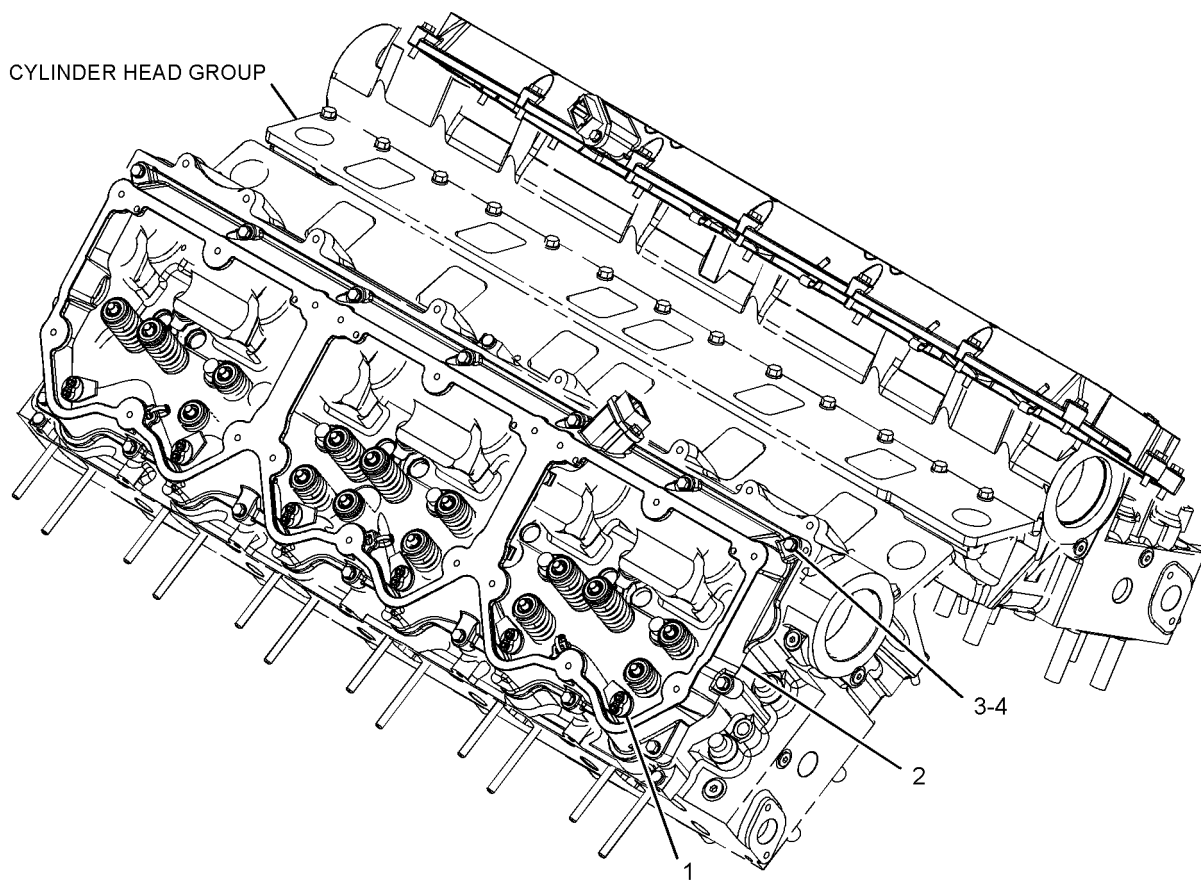
PART OF 260-9527, 261-1507, 276-9586, 276-9587 ENGINE AR-CORE
ALSO AN ATTACHMENT

SMCS-1120, 1408

i02230983

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7E-6508	12	CAP AS (UNIT INJECTOR)						
Y	2	1	226-4927	2	BASE GP-VALVE COVER & INJ HARN						30
	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

BASIC ENGINE

226-4927 BASE GP-VALVE COVER & INJ HARN

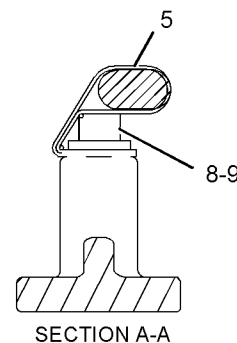
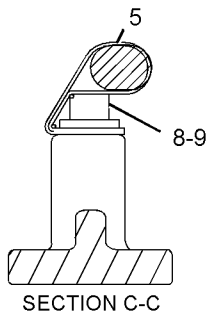
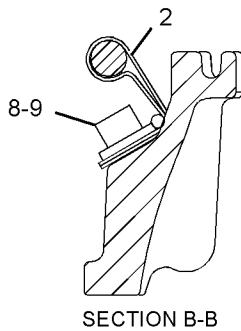
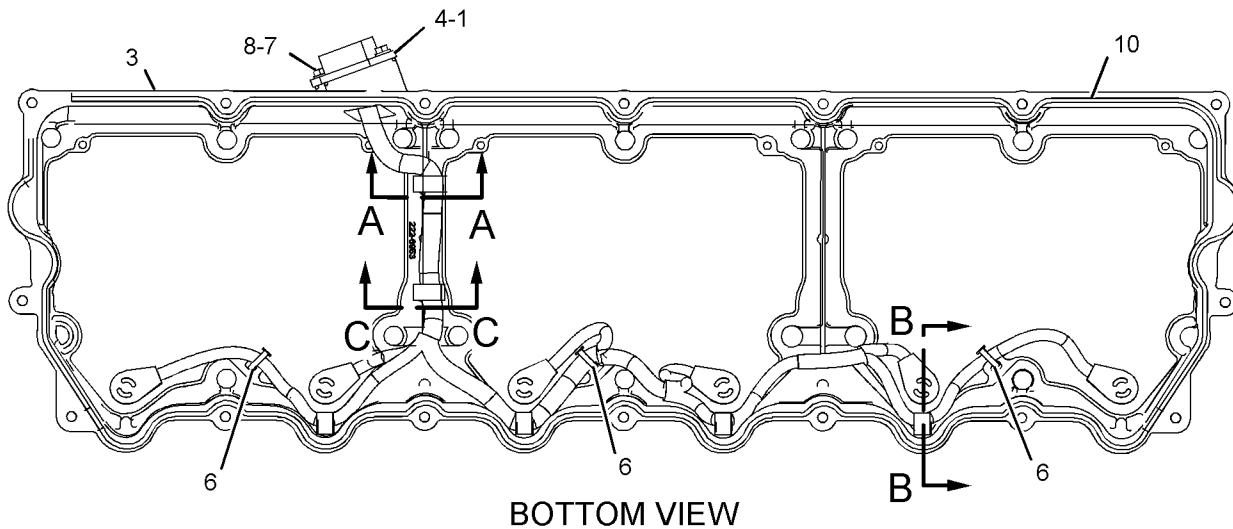
S/N: EHX1-2919

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

SMCS-1120, 1408

i03120040

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



GRAPHIC #1

<END>

g01051193

BASIC ENGINE

226-4927 BASE GP-VALVE COVER & INJ HARN

S/N: EHX2920-UP

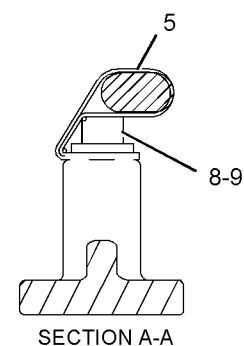
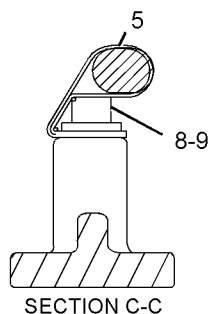
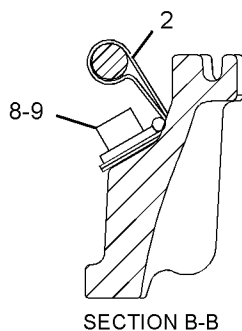
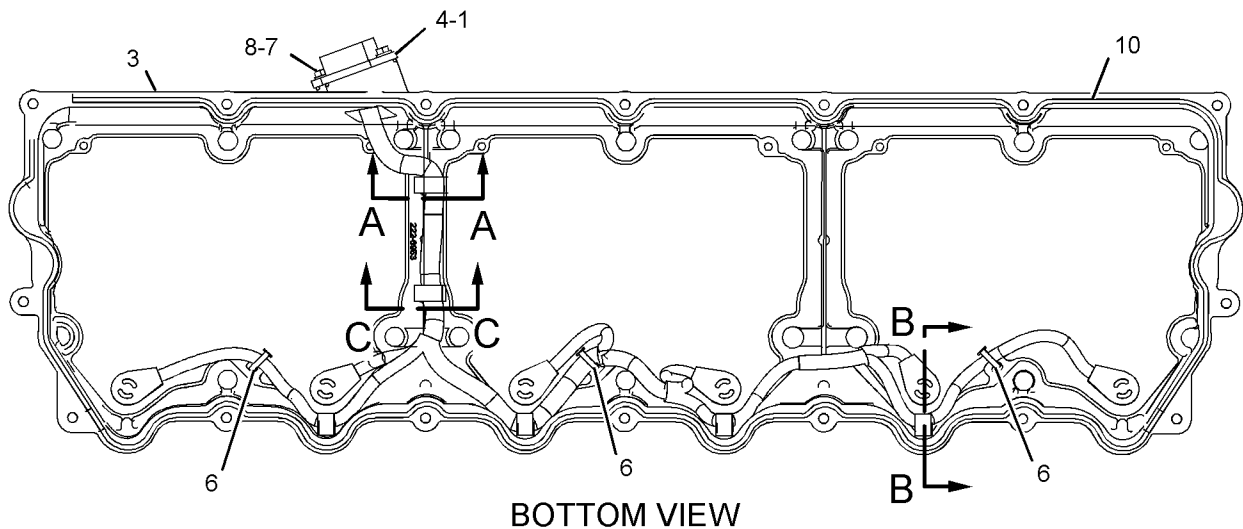
PART OF 223-6408 BASE GP-VALVE COVER & INJ HARN
ALSO AN ATTACHMENT

SMCS-1120, 1408

i03470304

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	6V-0128	1	SEAL-CONNECTOR	
	2	1	100-5218	4	CLIP	
	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)	
		1	126-1767	9	PIN-CONNECTOR (14-GA)	
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)		

C-CHANGE FROM PREVIOUS TYPE



GRAPHIC #1

<END>

g01051193

BASIC ENGINE

260-9306 CAMSHAFT GP

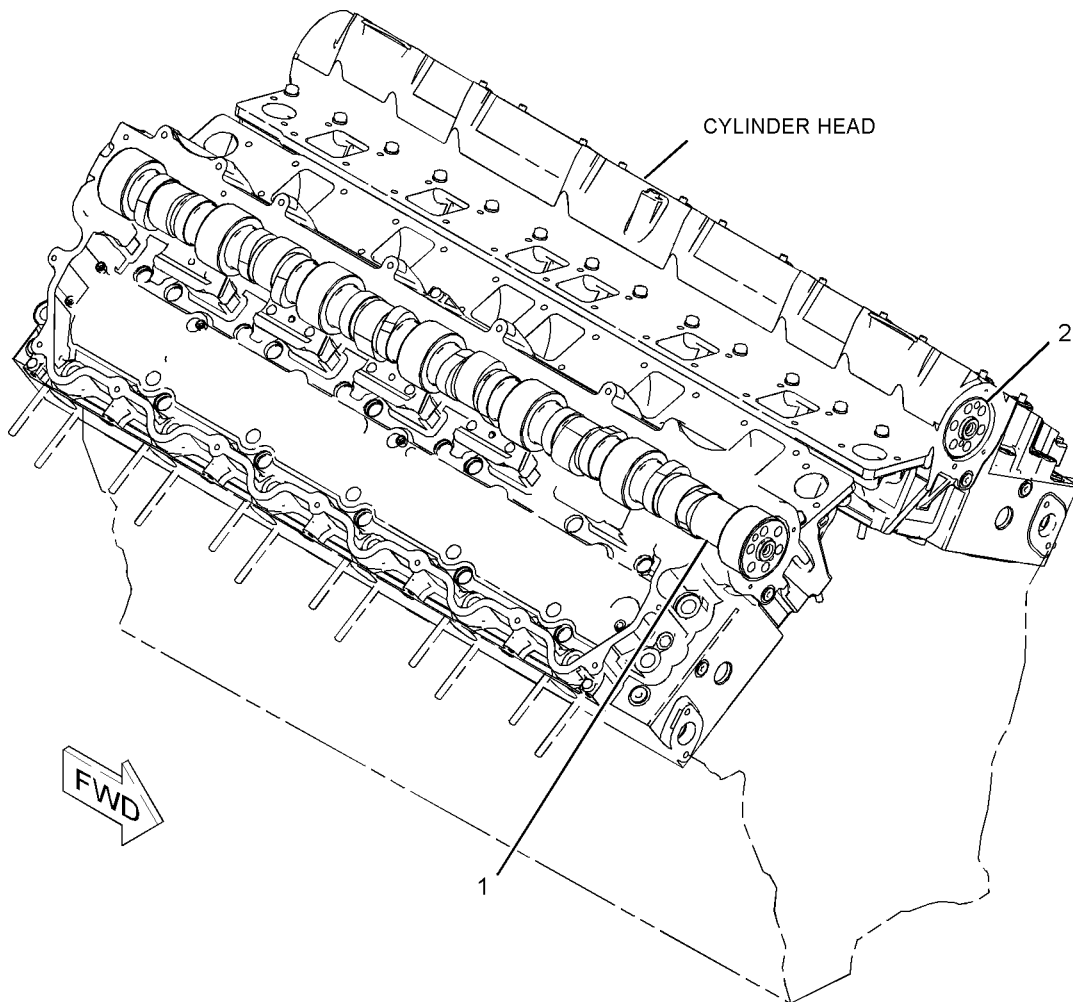
S/N: EHX1-3730

PART OF 260-9527, 261-1507, 276-9586, 276-9587 ENGINE AR-CORE
ALSO AN ATTACHMENT

SMCS-1210

i02270802

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



GRAPHIC #1

<END>

g01051265

BASIC ENGINE

260-9306 CAMSHAFT GP

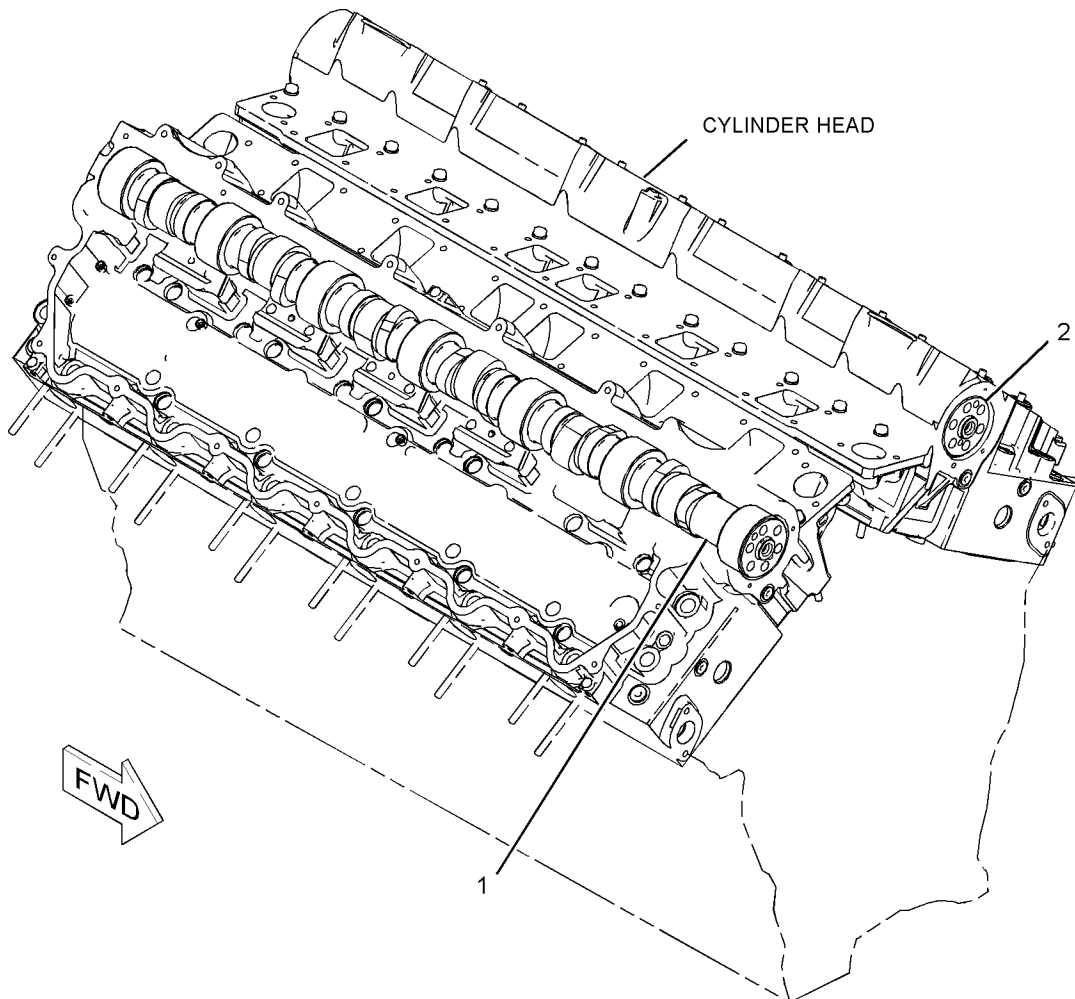
S/N: EHX3731-UP

PART OF 276-9586, 276-9587 ENGINE AR-CORE
ALSO AN ATTACHMENT

SMCS-1210

i02784213

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	1	1	301-7455	1	CAMSHAFT (RIGHT BANK)						
C	2	1	301-7456	1	CAMSHAFT (LEFT BANK)						
C-CHANGE FROM PREVIOUS TYPE											



GRAPHIC #1

<END>

g01051265

BASIC ENGINE

235-4102 COVER GP-CYLINDER BLOCK

S/N: EHX1-UP

PART OF 212-2737, 212-2744, 271-2219, 271-2220 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1201

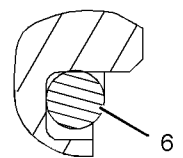
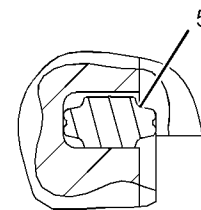
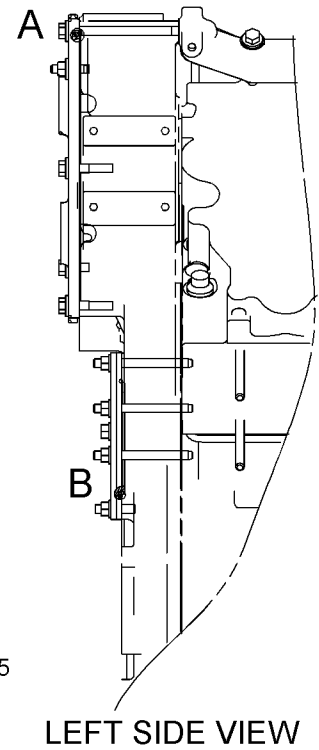
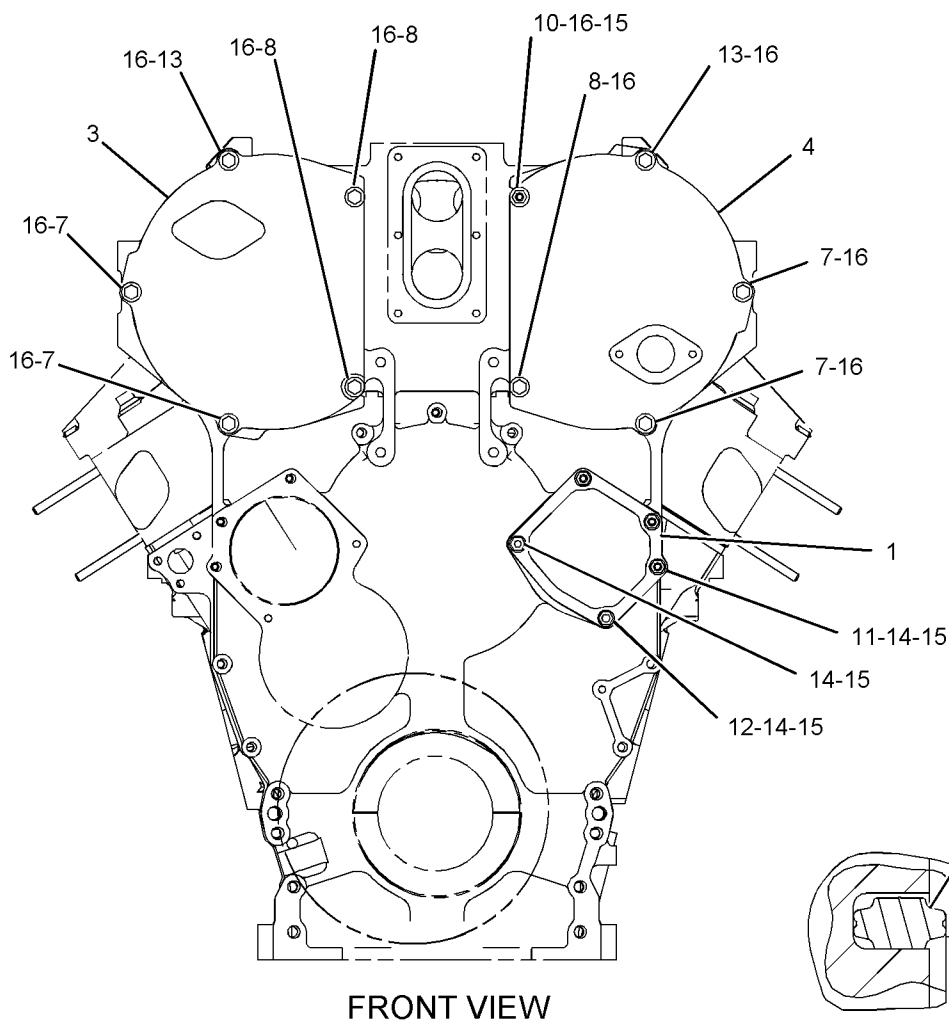
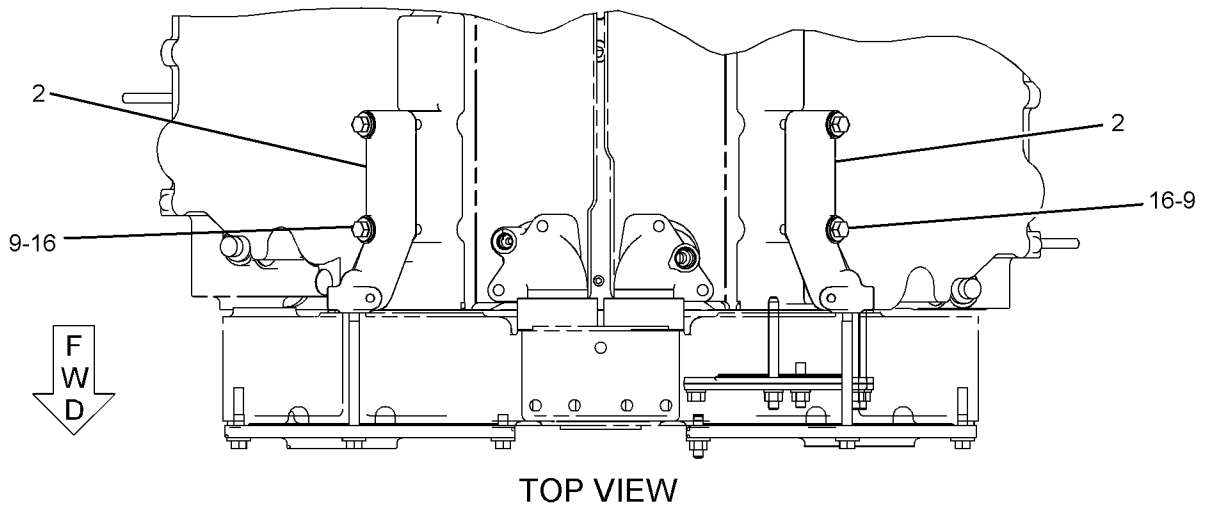
i03191440

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4P-7820	1	COVER-ACCESSORY DRIVE						
	2	1	234-3441	2	SUPPORT-HOUSING						
	3	1	274-4051	1	COVER-CAMSHAFT (LH)						
	4	1	274-4052	1	COVER-CAMSHAFT (RH)						
	5	1	239-1139	2	SEAL						
	6	1	125-9794	1	SEAL-O-RING						
	7	1	0S-1590	4	BOLT (3/8-16X2-IN)						
	8	1	0S-1594	3	BOLT (3/8-16X1-IN)						
	9	1	0T-0573	4	BOLT (3/8-16X2.75-IN)						
	10	1	2M-1538	1	STUD-TAPERLOCK (3/8-16X1.6-IN)						
	11	1	2P-1974	3	STUD-TAPERLOCK (3/8-16X4.2-IN)						
	12	1	3K-3256	1	STUD-TAPERLOCK (3/8-16X1.7-IN)						
	13	1	5F-4899	2	BOLT (3/8-16X5.5-IN)						
	14	1	5M-2894	5	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	15	1	9S-8752	6	NUT-FULL (3/8-16-THD)						
	16	1	9X-6458	14	WASHER-HARD (10.2X22.5X3-MM THK)						

BASIC ENGINE

235-4102 COVER GP-CYLINDER BLOCK (contd.)

i03191440



GRAPHIC #1

<END>

g01052694

BASIC ENGINE

235-7135 COVER GP-CYLINDER BLOCK

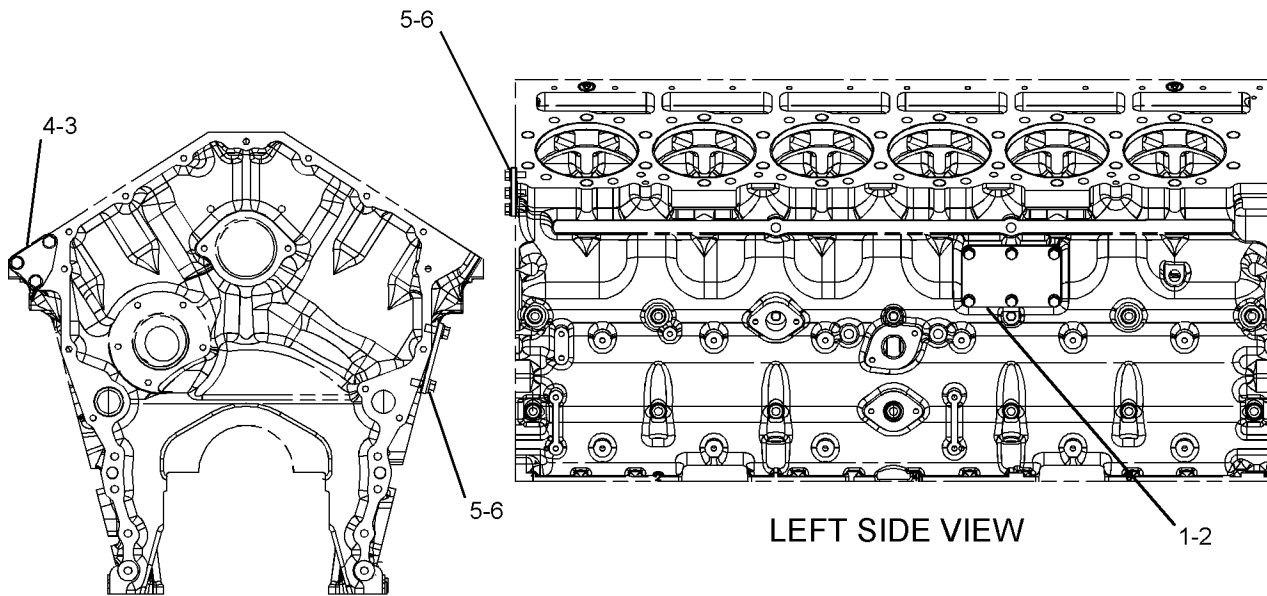
S/N: EHX1-UP

PART OF 212-2737, 212-2744, 271-2219, 271-2220 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1201

i02044731

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4N-0864	1	GASKET						
	2	1	4N-1682	1	COVER						
	3	1	4N-1683	1	COVER						
	4	1	239-5571	1	SEAL - INTEGRAL						
	5	1	0S-1594	9	BOLT (3/8-16X1-IN)						
	6	1	5M-2894	9	WASHER-HARD (10.2X18.5X2.5-MM THK)						



FRONT VIEW

LEFT SIDE VIEW

GRAPHIC #1

<END>

g01052975

BASIC ENGINE

307-9387 COVER GP-CYLINDER BLOCK

S/N: EHX2581-UP

FRONT STRUCTURE

PART OF 271-2219, 271-2220 ENGINE AR-COMPLETE

ALSO AN ATTACHMENT

SMCS-1201

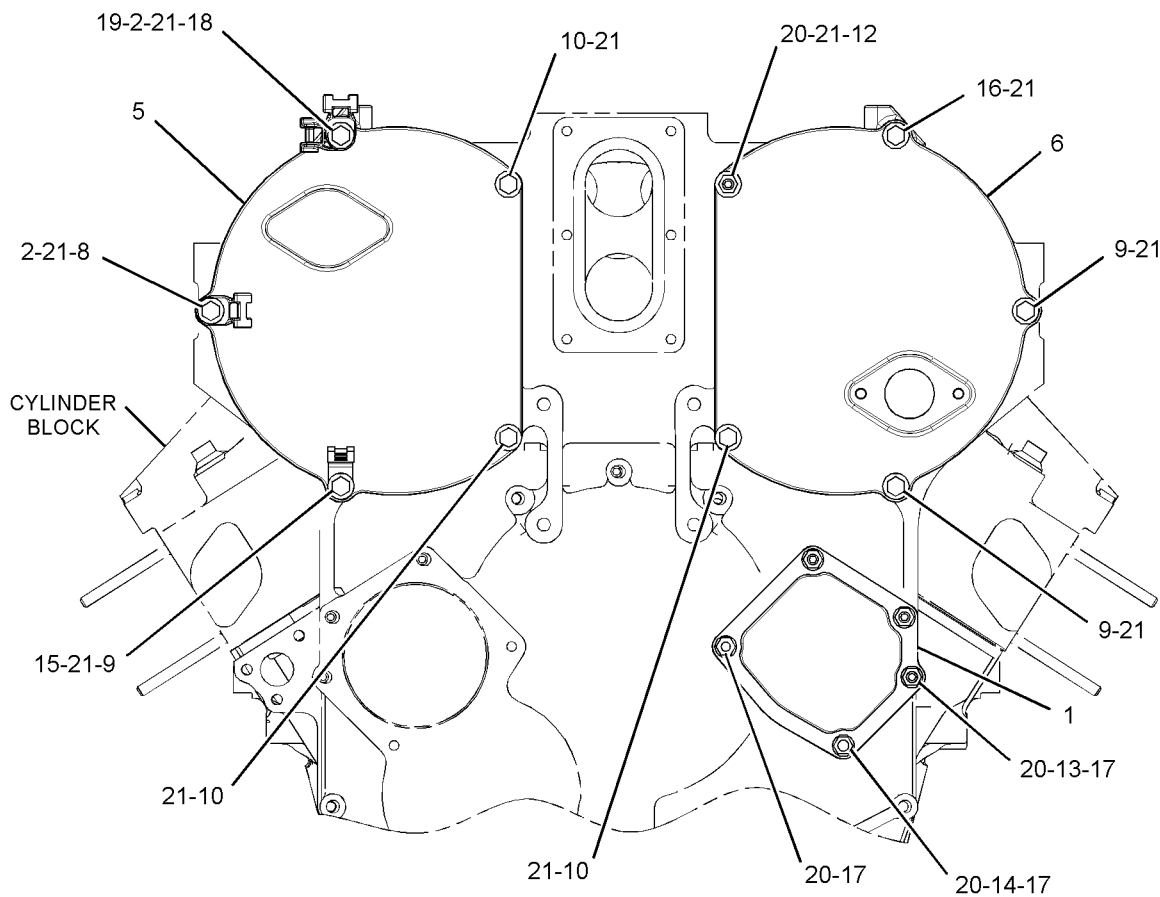
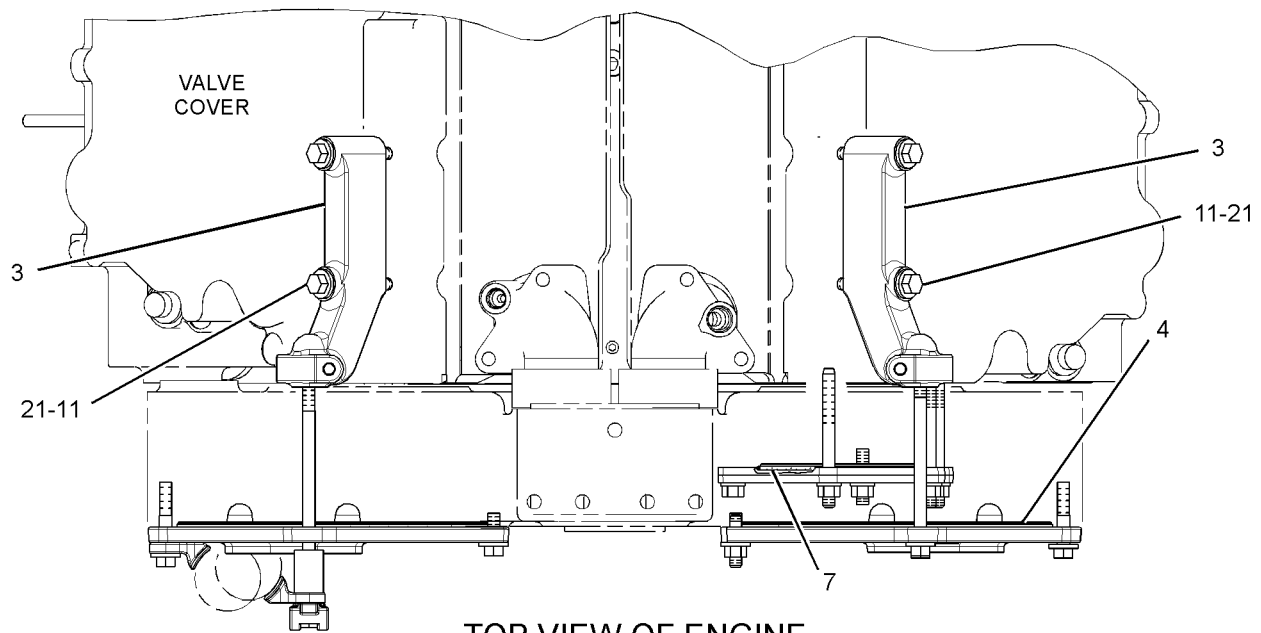
i02775451

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4P-7820	1	COVER-ACCESSORY DRIVE						
	2	1	204-8000	3	MOUNT (TIE WRAP)						
	3	1	234-3441	2	SUPPORT-HOUSING						
	4	1	239-1139	2	SEAL						
	5	1	274-4051	1	COVER-CAMSHAFT						
	6	1	274-4052	1	COVER-CAMSHAFT						
	7	1	125-9794	1	SEAL-O-RING						
	8	1	0L-2070	1	BOLT (3/8-16X2.25-IN)						
	9	1	0S-1590	3	BOLT (3/8-16X2-IN)						
	10	1	0S-1594	3	BOLT (3/8-16X1-IN)						
	11	1	0T-0573	4	BOLT (3/8-16X2.75-IN)						
	12	1	2M-1538	1	STUD-TAPERLOCK (3/8-16X1.6-IN)						
	13	1	2P-1974	3	STUD-TAPERLOCK (3/8-16X4.2-IN)						
	14	1	3K-3256	1	STUD-TAPERLOCK (3/8-16X1.7-IN)						
	15	1	4P-7429	1	CLIP						
	16	1	5F-4899	1	BOLT (3/8-16X5.5-IN)						
	17	1	5M-2894	5	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	18	1	6B-1557	1	BOLT (3/8-16X7.5-IN)						
	19	1	6B-6205	1	SPACER (0.438X0.875X1.281-IN THK)						
	20	1	9S-8752	6	NUT-FULL (3/8-16-THD)						
	21	1	9X-6458	14	WASHER-HARD (10.2X22.5X3-MM THK)						

BASIC ENGINE

307-9387 COVER GP-CYLINDER BLOCK (contd.)

i02775451



GRAPHIC #1

<END>

g01508543

BASIC ENGINE

230-4156 COVER GP-REAR HOUSING

S/N: EHX1-3107

PART OF 212-2737, 212-2744, 271-2219, 271-2220 ENGINE AR-COMPLETE
ALSO AN ATTACHMENT

SMCS-1157

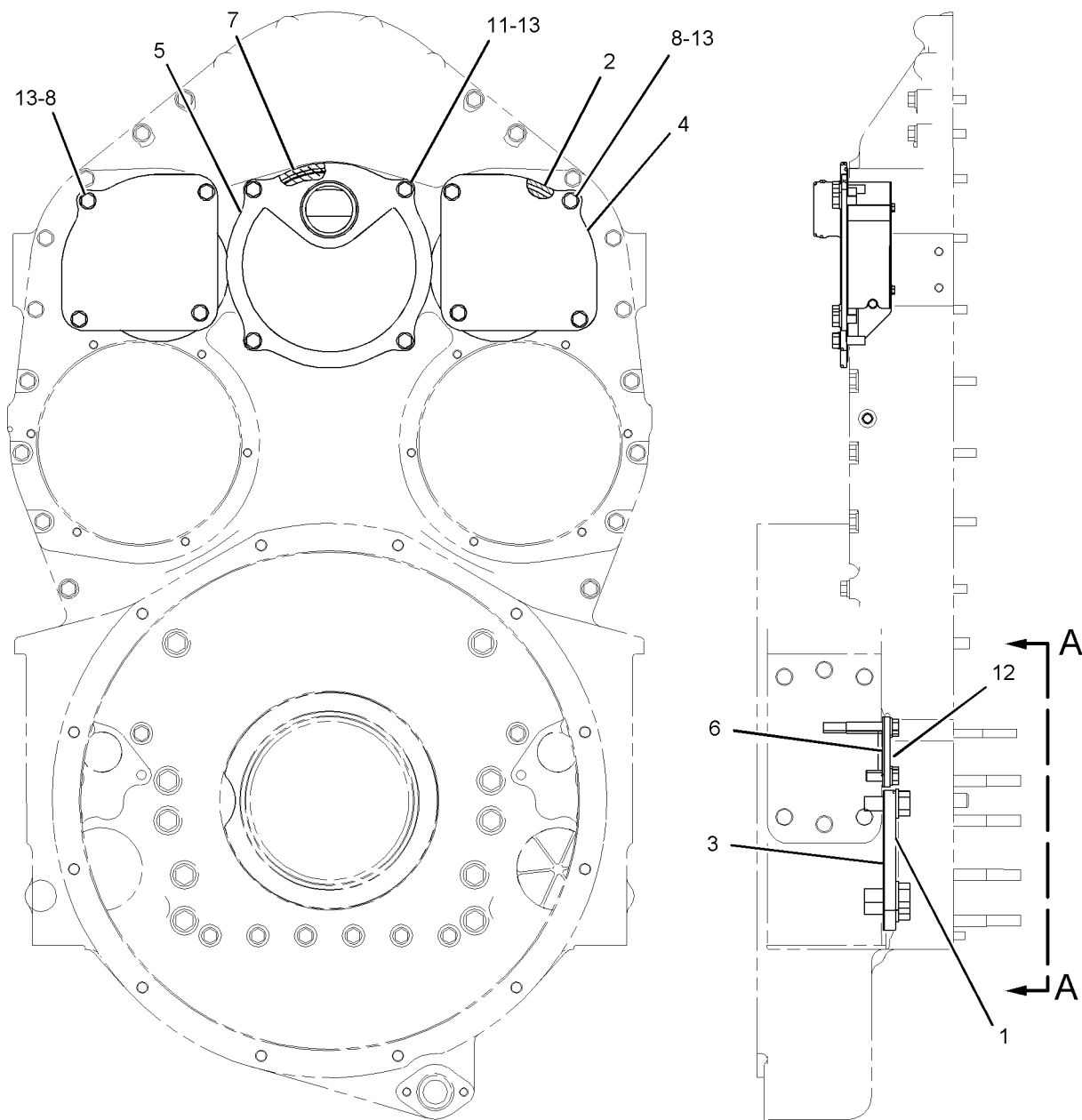
i02680509

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4N-1114	1	COVER						
	2	1	6V-5553	2	SEAL-O-RING						
	3	1	9Y-6089	1	GASKET						
	4	1	230-4157	2	COVER						
Y	5	1	231-9330	1	BREATHER GP (CRANKCASE)						107
	6	1	234-8937	2	SEAL-INTEGRAL						
	7	1	238-6646	1	SEAL-O-RING						
	8	1	0S-0509	8	BOLT (3/8-16X0.75-IN)						
	9	1	0S-1566	3	BOLT (5/8-11X1.5-IN)						
	10	1	0S-1619	2	BOLT (3/8-16X3-IN)						
	11	1	1A-2029	6	BOLT (3/8-16X1.125-IN)						
	12	1	2P-2772	2	COVER						
	13	1	5M-2894	16	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	14	1	5P-8247	3	WASHER-HARD (17X32X3.5-MM THK)						

BASIC ENGINE

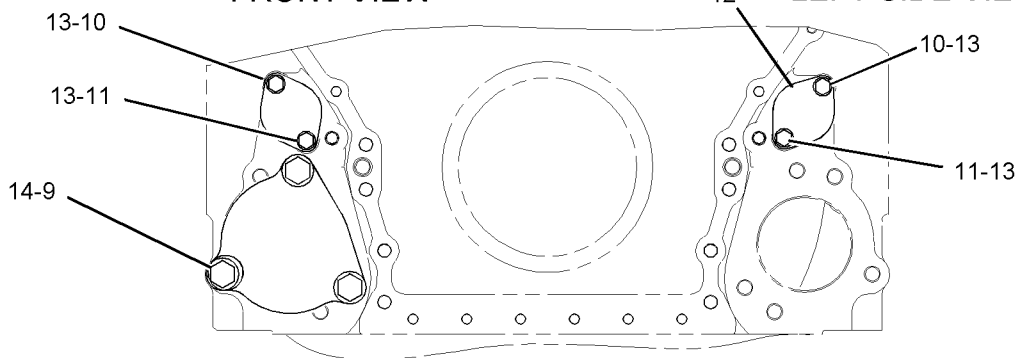
230-4156 COVER GP-REAR HOUSING (contd.)

i02680509



FRONT VIEW

LEFT SIDE VIEW



SECTION A-A
<END>

GRAPHIC #1

g01054559

BASIC ENGINE

293-4440 COVER GP-REAR HOUSING

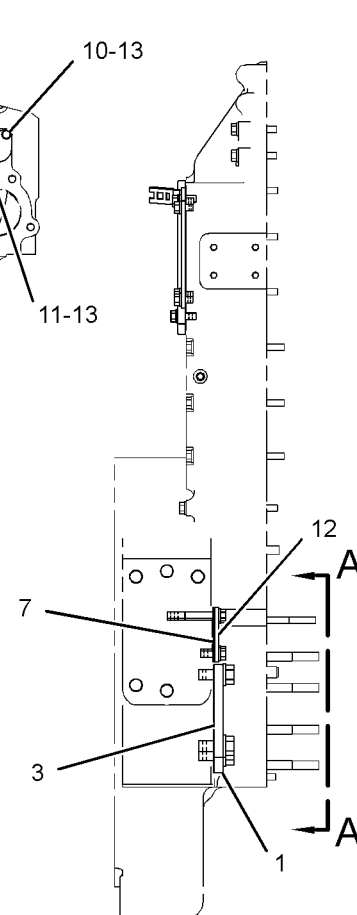
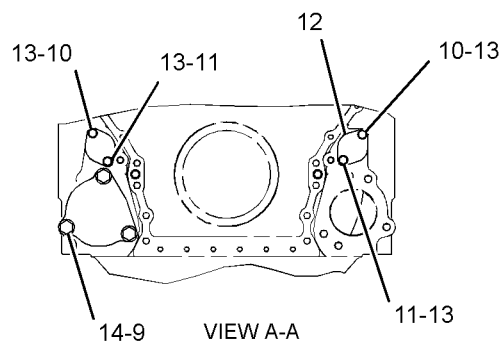
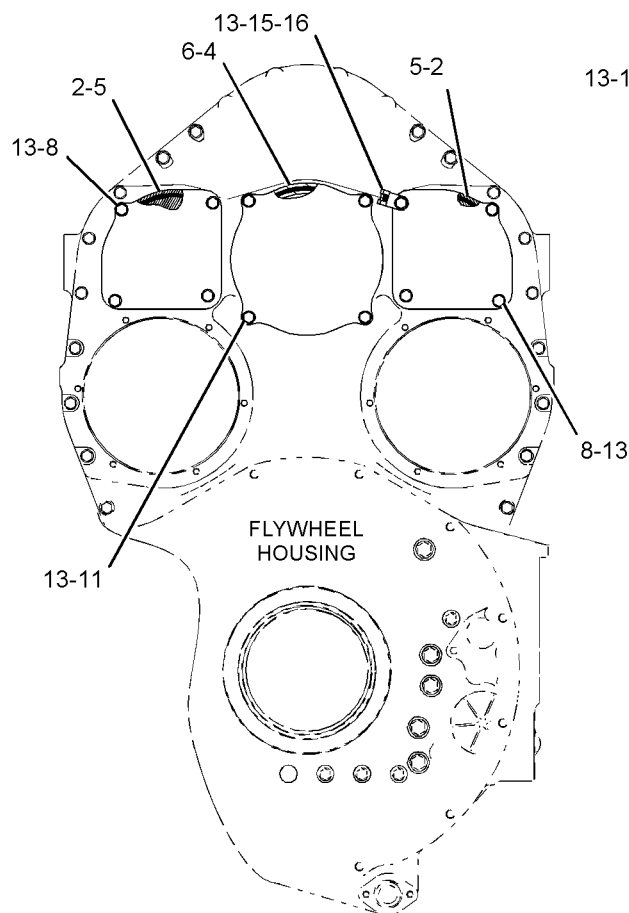
S/N: EHX3108-UP

PART OF 271-2219, 271-2220 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1157

i03463391

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	4N-1114	1	COVER	
	2	1	6V-5553	2	SEAL-O-RING	
	3	1	9Y-6089	1	GASKET	
	4	1	227-5538	1	SEAL-O-RING	
	5	1	230-4157	2	COVER	
	6	1	273-8703	1	COVER	
	7	1	234-8937	2	SEAL-INTEGRAL	
	8	1	0S-0509	7	BOLT (3/8-16X0.75-IN)	
	9	1	0S-1566	3	BOLT (5/8-11X1.5-IN)	
	10	1	0S-1619	2	BOLT (3/8-16X3-IN)	
	11	1	1A-2029	6	BOLT (3/8-16X1.125-IN)	
	12	1	2P-2772	2	COVER	
	13	1	5M-2894	16	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	14	1	5P-8247	3	WASHER-HARD (17X32X3.5-MM THK)	
	15	1	0L-1351	1	BOLT (3/8-16X0.875-IN)	
	16	1	4P-7429	1	CLIP	



GRAPHIC #1

<END>

g01390057

BASIC ENGINE

234-1622 COVER GP-VALVE MECHANISM

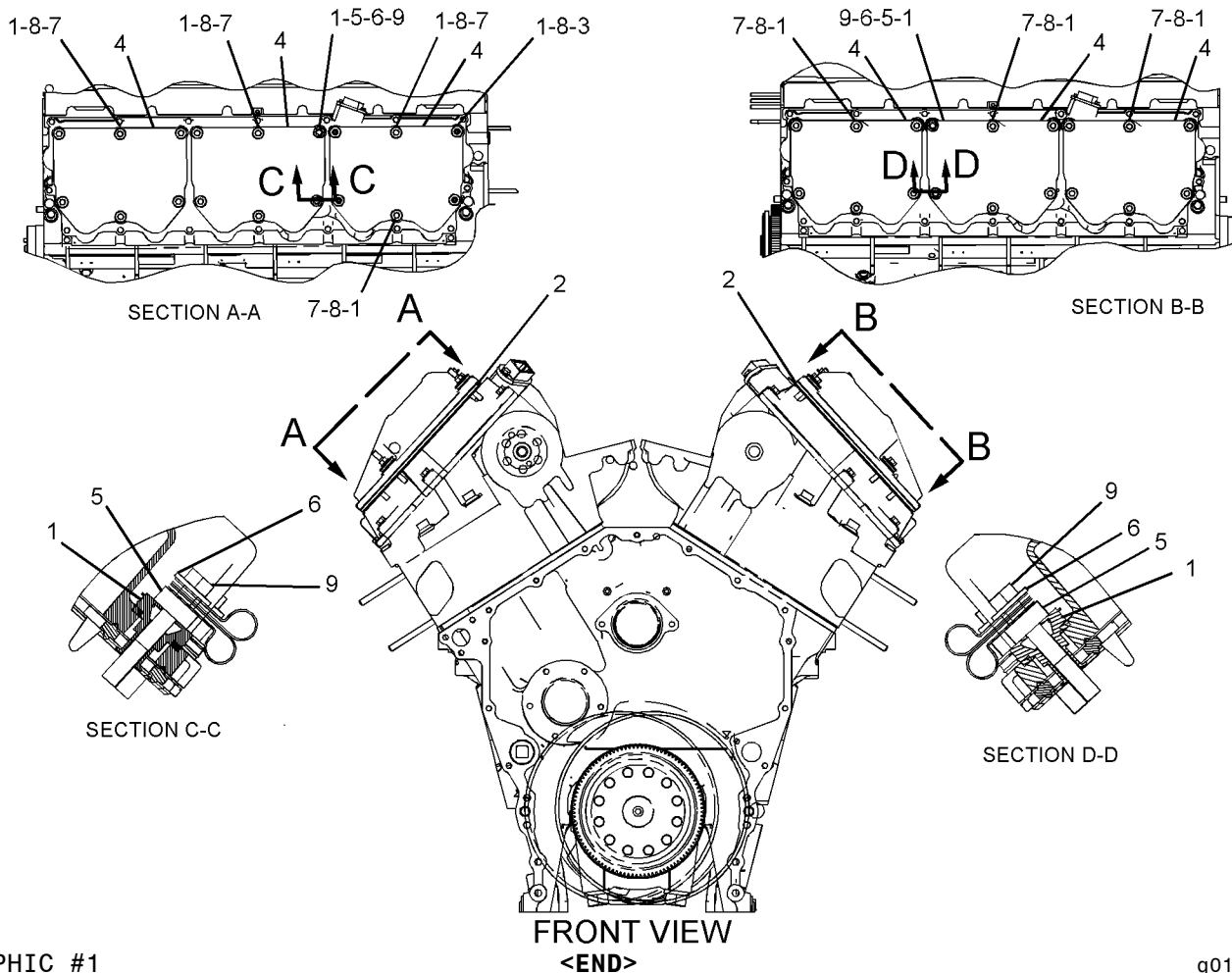
S/N: EHX1-3107

PART OF 212-2737, 212-2744, 271-2219, 271-2220 ENGINE AR-COMPLETE
ALSO AN ATTACHMENT

SMCS-1107

i03079375

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	212-7728	36	WASHER-ISOLATOR						
	2	1	224-7506	6	SEAL-VALVE COVER						
	3	1	224-9907	4	STUD (5/16-18-THD)						
	4	1	238-9850	6	COVER						
	5	1	198-4776	4	WASHER-HARD (8.8X20X8-MM THK)						
	6	1	5P-4116	4	WASHER-HARD (8.8X20.5X2-MM THK)						
	7	1	7X-0440	28	BOLT (5/16-18X1.75-IN)						
	8	1	8T-4224	32	WASHER-HARD (8.8X16X2-MM THK)						
	9	1	8T-8912	4	BOLT (5/16-18X2.25-IN)						



GRAPHIC #1

g01052203

BASIC ENGINE

279-8129 COVER GP-VALVE MECHANISM

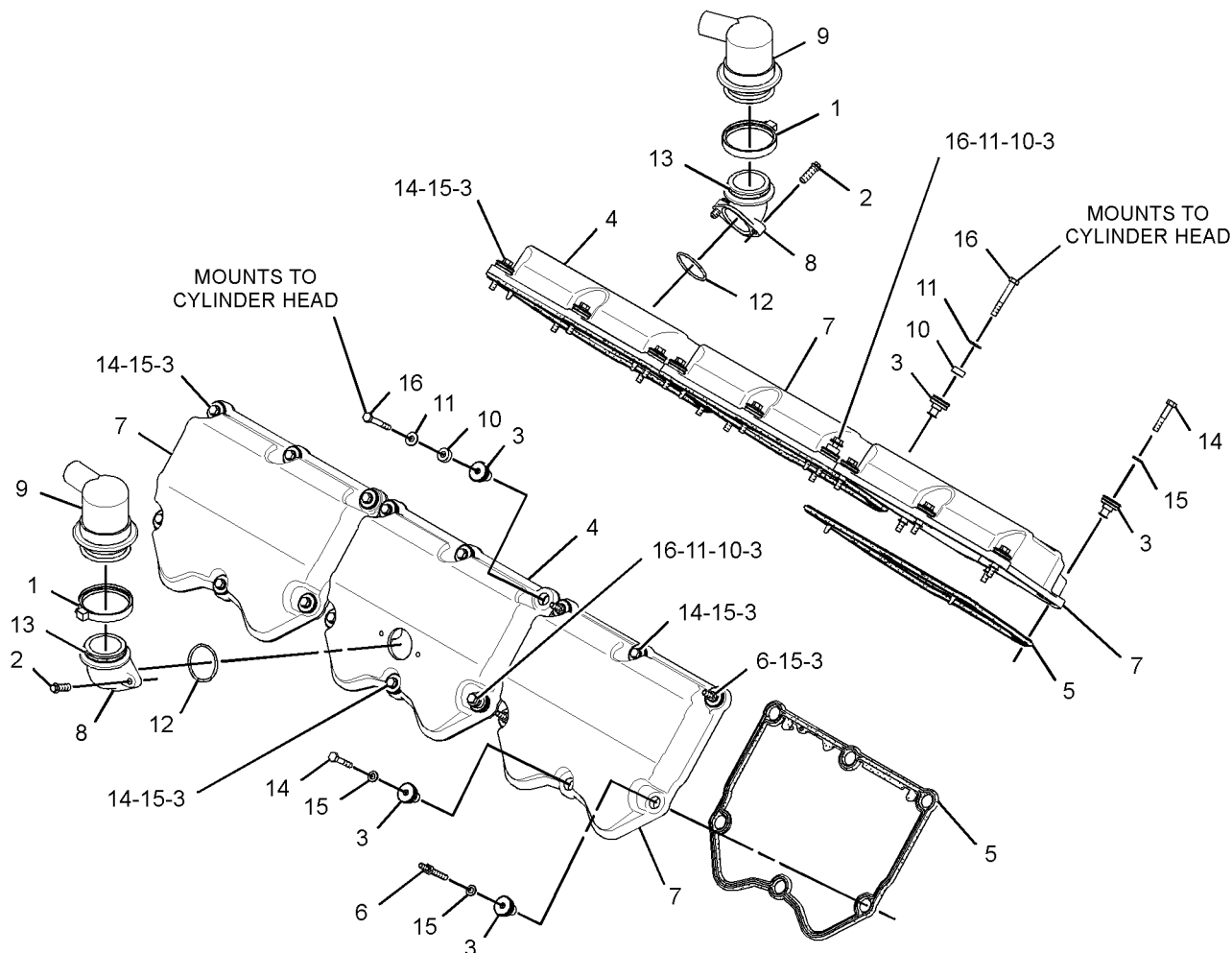
S/N: EHX3108-UP

PART OF 271-2219, 271-2220 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1107

i02680505

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2N-8109	2	CLAMP						
	2	1	126-0559	4	BOLT (5/16-18X1.25-IN)						
	3	1	212-7728	36	WASHER-ISOLATOR						
	4	1	223-1993	2	COVER						
	5	1	224-7506	6	SEAL-VALVE COVER (VALVE COVER)						
	6	1	224-9907	4	STUD (5/16-18-THD)						
	7	1	238-9850	4	COVER						
	8	1	292-5534	2	ELBOW						
	9	1	4N-4668	2	BREATHER AS (CRANKCASE)						
	10	1	198-4776	4	WASHER-HARD (8.8X20X8-MM THK)						
	11	1	5P-4116	4	WASHER-HARD (8.8X20.5X2-MM THK)						
	12	1	5P-8211	2	SEAL-O-RING						
	13	1	6V-3831	2	SEAL-O-RING						
	14	1	7X-0440	28	BOLT (5/16-18X1.75-IN)						
	15	1	8T-4224	32	WASHER-HARD (8.8X16X2-MM THK)						
	16	1	8T-8912	4	BOLT (5/16-18X2.25-IN)						



GRAPHIC #1

<END>

g01309192

BASIC ENGINE

225-6052 CRANKSHAFT GP

S/N: EHX1-UP

PART OF 260-9527, 261-1507, 276-9586, 276-9587 ENGINE AR-CORE
ALSO AN ATTACHMENT

SMCS-1202

i03539924

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)	101
J	3	1	317-8766	7	BEARING-MAIN (STANDARD)	
AB		1	4W-5698	1	BEARING-MAIN (0.63-MM US)	
AB		1	4W-5699	1	BEARING-MAIN (1.27-MM US)	
AB		1	4W-5700	1	BEARING-MAIN (0.63-MM OS)	
AB		1	4W-5701	1	BEARING-MAIN (0.63-MM US - 0.63-MM OS)	
R	4	1	225-6053	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 AND THRUST PLATES)						

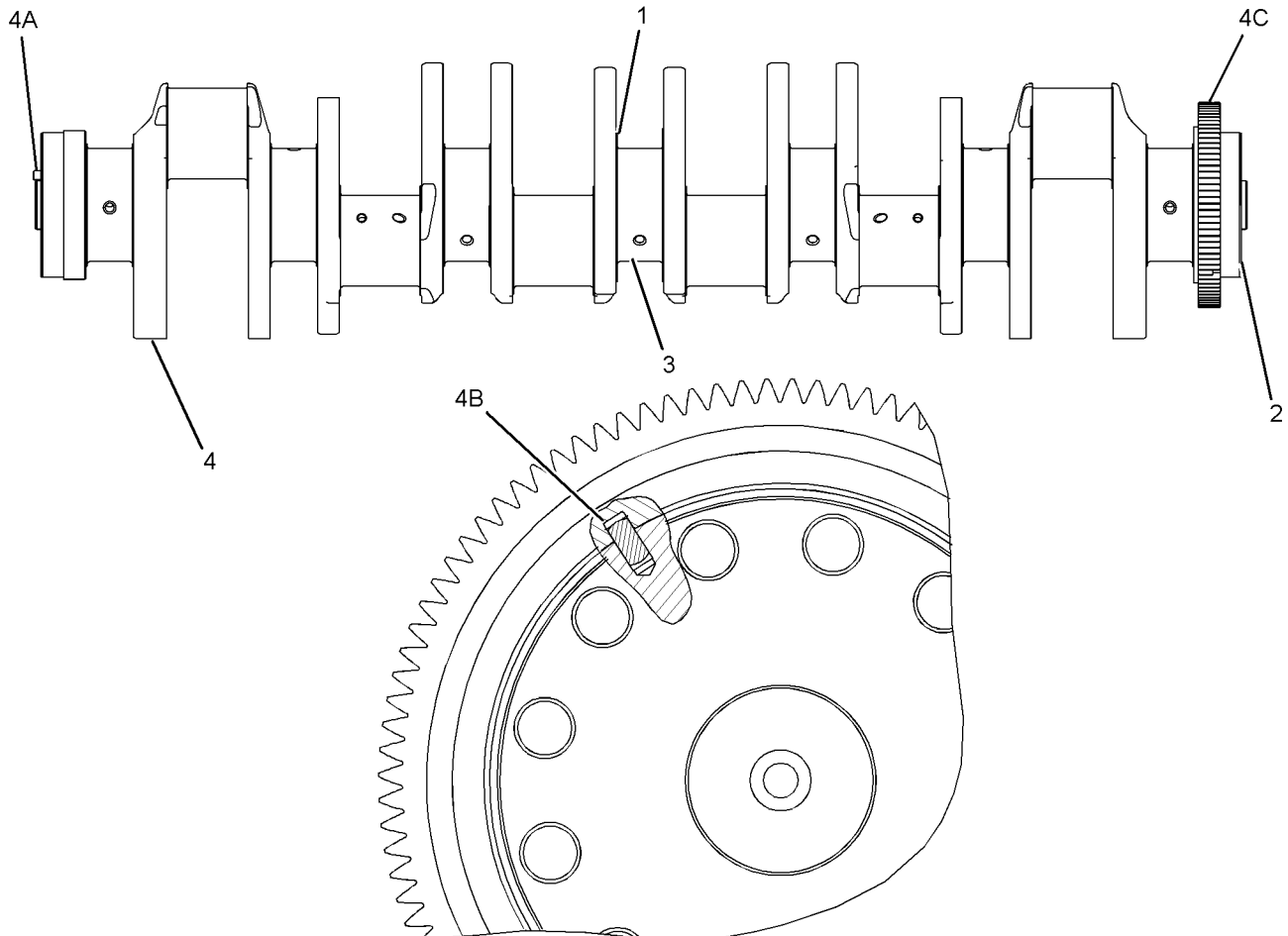
A-NOT PART OF THIS GROUP

B-USE AS REQUIRED

J-KIT MARKED J INCLUDES PARTS MARKED J

R-REMG PART MAY BE AVAILABLE

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01051082

BASIC ENGINE

230-7181 CYLINDER BLOCK AS

S/N: EHX1-UP

PART OF 230-7182 CYLINDER BLOCK AS
ALSO AN ATTACHMENT

SMCS-1201

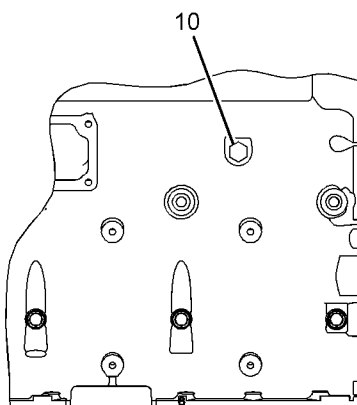
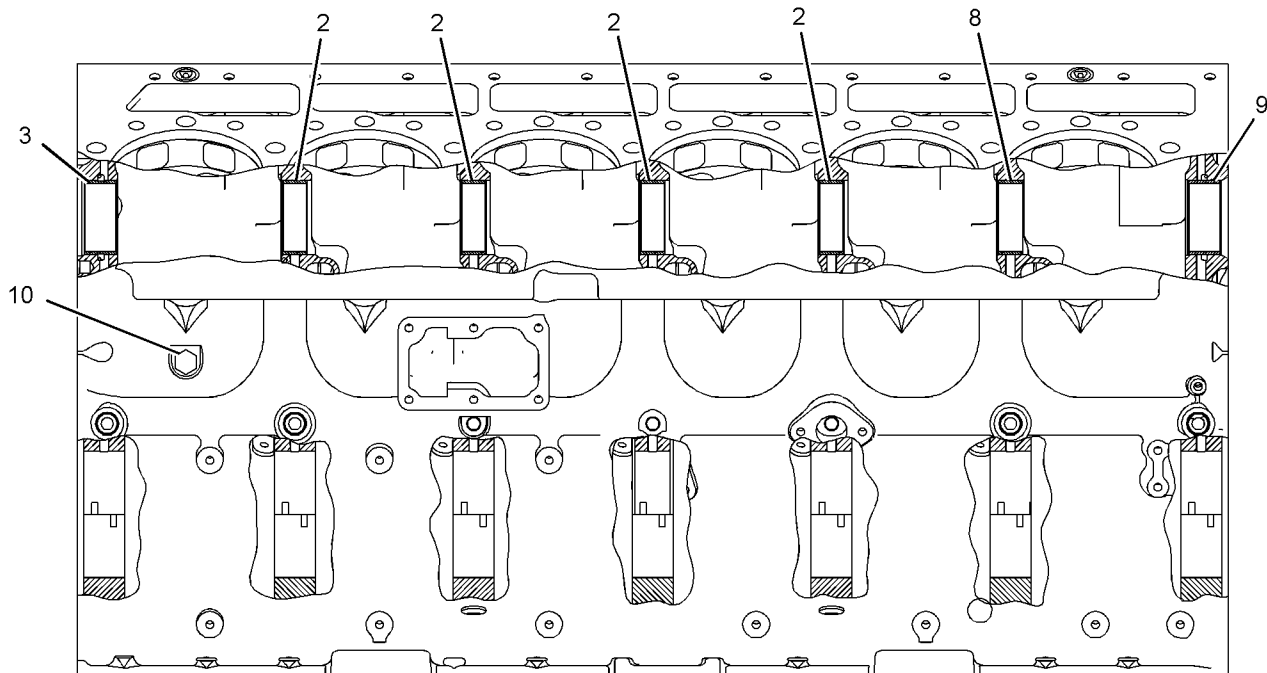
i02334359

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	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	226-0916	1	CYLINDER BLOCK	
	5	1	232-7607	7	CAP-CRANKSHAFT	
	6	1	234-6902	14	BOLT-12 POINT HEAD (M11X1.25X50-MM)	
	8	1	4N-0685	1	BEARING-SLEEVE (1-IN WIDE)	
	9	1	4N-6658	1	BEARING-SLEEVE (1.3-IN WIDE)	
	10	1	7W-6492	2	PLUG-PIPE	
	11	1	9H-1031	14	WASHER-HARD (24X41.5X6-MM THK)	

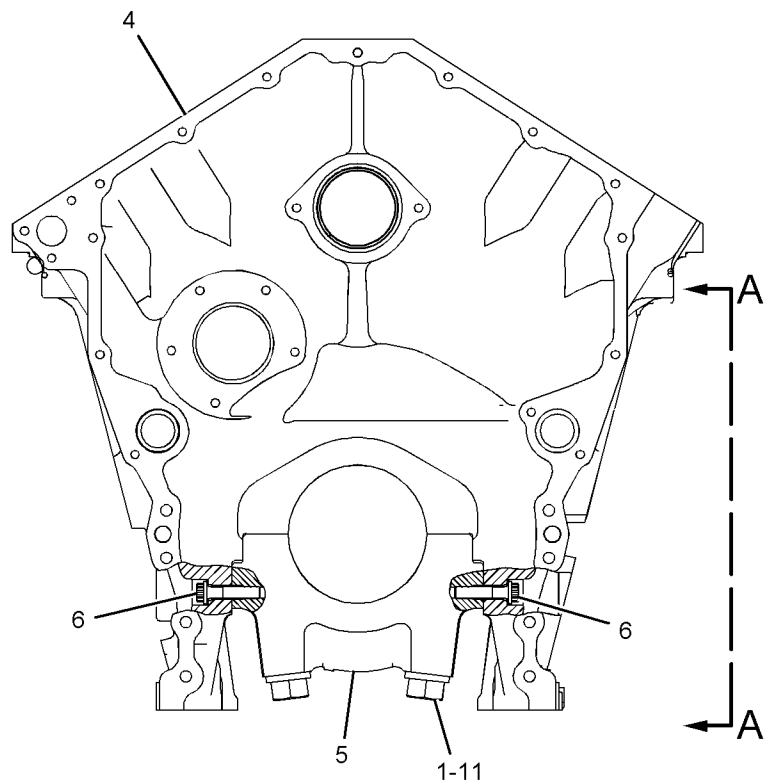
BASIC ENGINE

230-7181 CYLINDER BLOCK AS (contd.)

i02334359



VIEW A-A



<END>

g01108162

GRAPHIC #1

BASIC ENGINE

230-7182 CYLINDER BLOCK AS

S/N: EHX1-UP

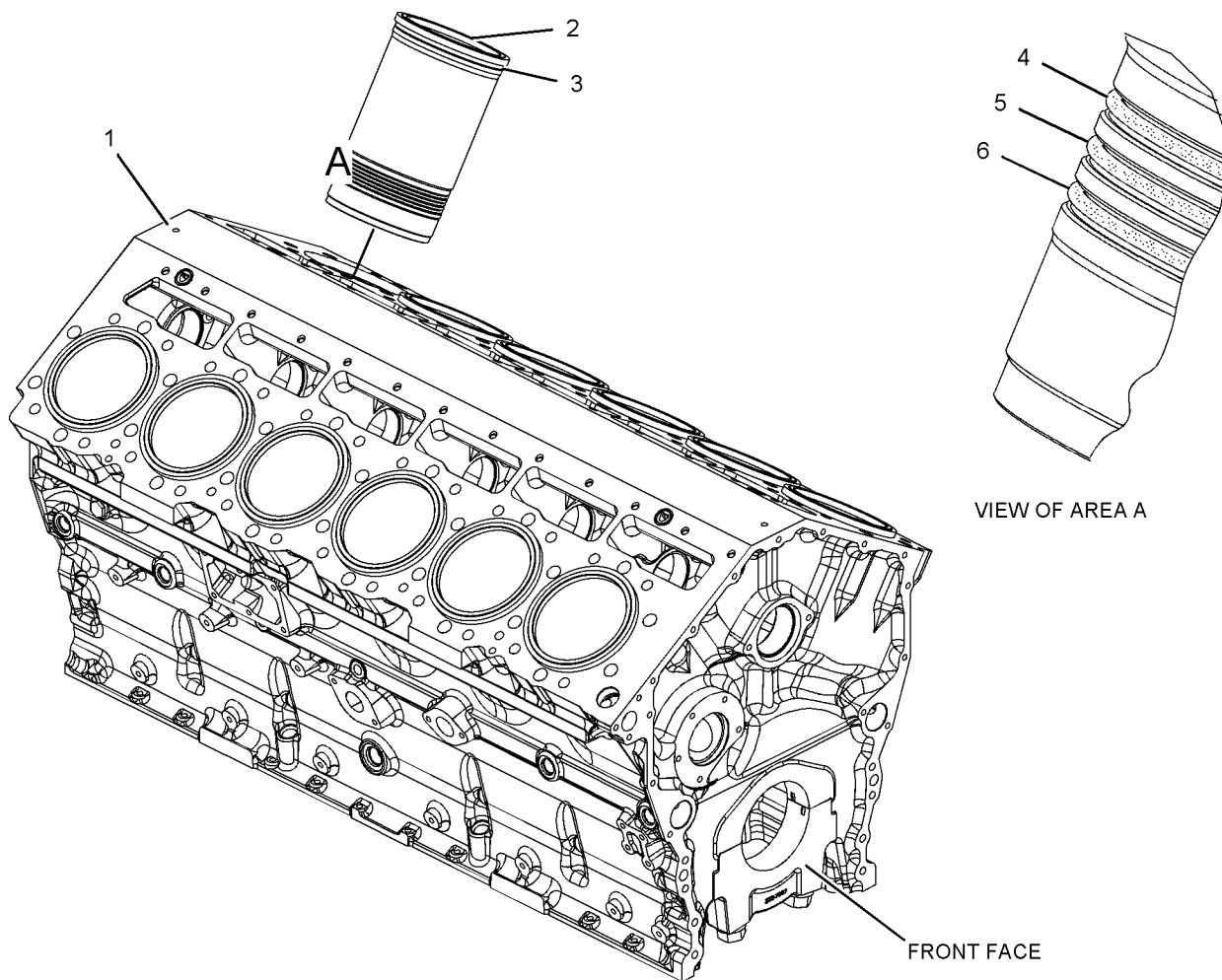
PART OF 237-0842 CYLINDER BLOCK GP
ALSO AN ATTACHMENT

SMCS-1201

i02043813

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	230-7181	1	CYLINDER BLOCK AS						45
	2	1	197-9322	12	LINER-CYLINDER						
	3	1	9L-5854	12	BAND-FILLER (130.2-MM ID)						
	4	1	110-2220	12	SEAL-LINER						
	5	1	142-7072	12	SEAL-LINER						
	6	1	142-6217	12	SEAL-O-RING						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01051844

BASIC ENGINE

237-0842 CYLINDER BLOCK GP

S/N: EHX1-UP

PART OF 260-9527, 261-1507, 276-9586, 276-9587 ENGINE AR-CORE
ALSO AN ATTACHMENT

SMCS-1201

i03467521

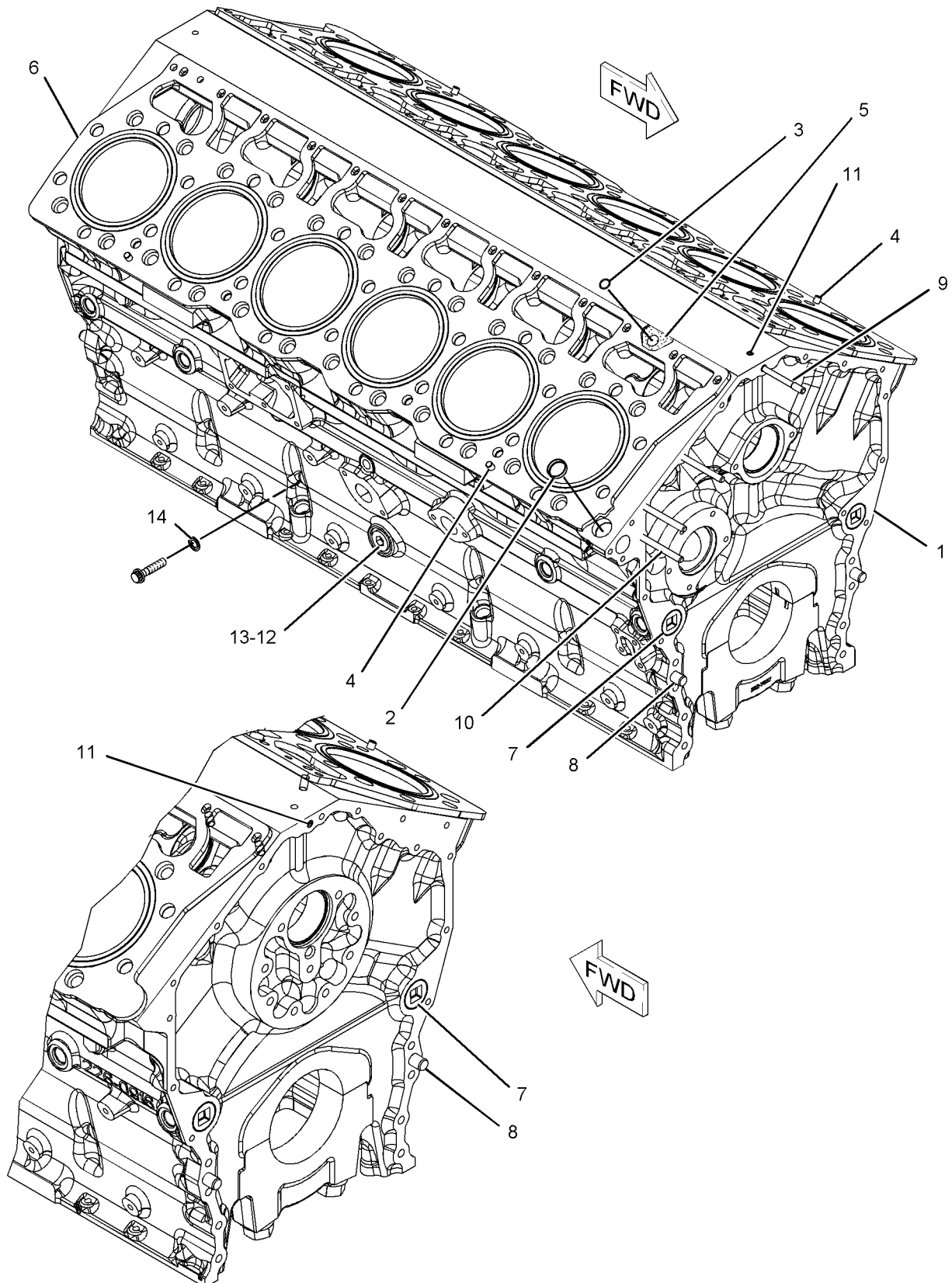
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	230-7182	1	CYLINDER BLOCK AS	47
	2	1	3B-0645	1	PLUG-CUP	
	3	1	5P-8356	4	SEAL-O-RING	
	4	1	4N-1650	4	DOWEL	
	5	1	225-3101	2	GASKET-PLATE	
	6	1	225-3100	2	PLATE-SPACER	
	7	1	7C-9614	4	PLUG-TAPERLOCK (1-5/8-12-THD)	
	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-O-RING (1 1/16-12 THD)	
	14	1	240-9543	14	WASHER (12.45X22.35X1.82-MM THK)	

Y-SEPARATE ILLUSTRATION

BASIC ENGINE

237-0842 CYLINDER BLOCK GP (contd.)

i03467521



GRAPHIC #1

<END>

g01100708

BASIC ENGINE

223-6432 CYLINDER HEAD AS

S/N: EHX1-UP

PART OF 223-6431 CYLINDER HEAD GP
ALSO AN ATTACHMENT

SMCS-1100, 1101

i03093644

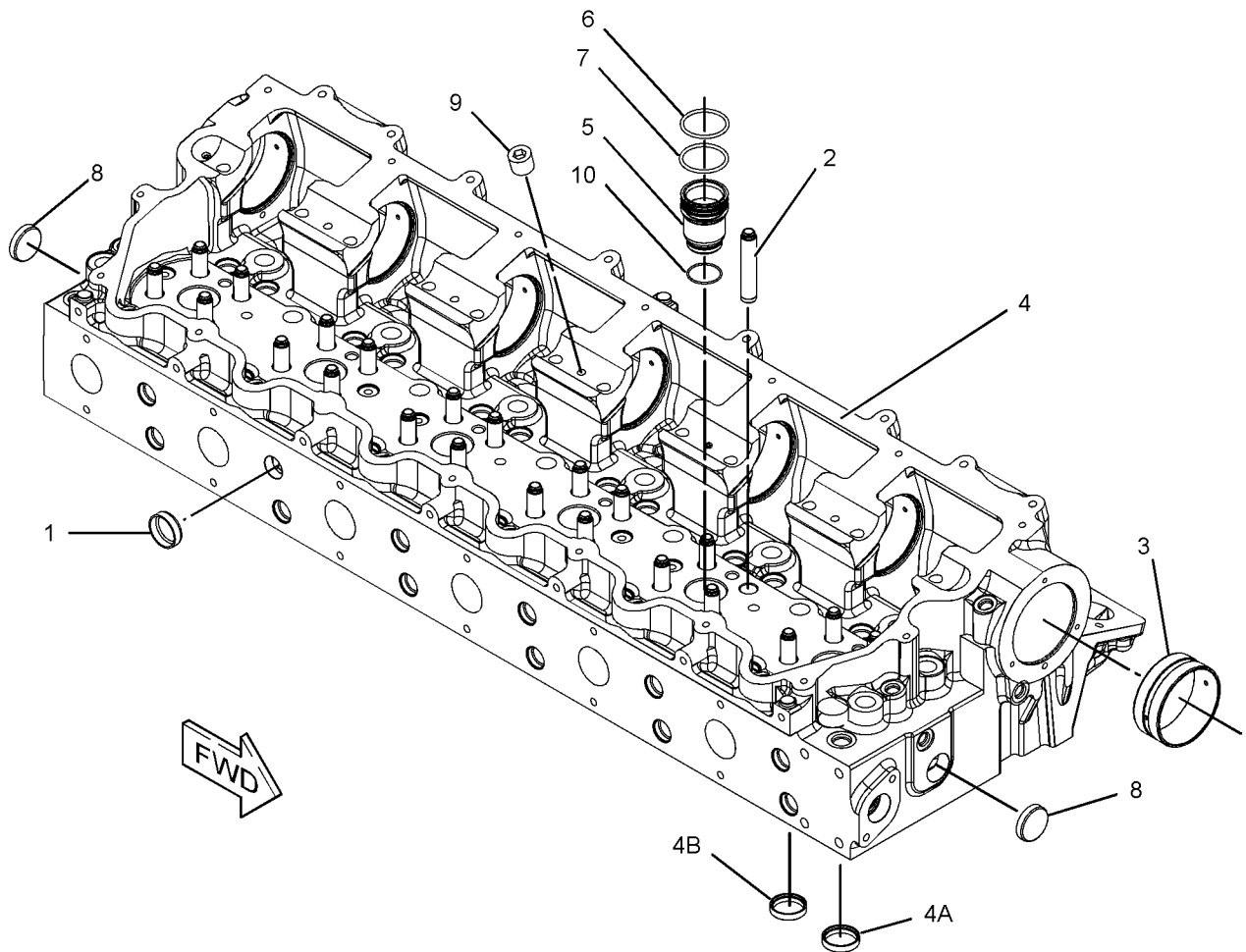
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3B-0623	36	PLUG-CUP						
	2	1	122-7375	24	GUIDE-VALVE (STANDARD)						
AB		1	122-0447		GUIDE-VALVE (0.51-MM OS)						
AB		1	122-8612		GUIDE-VALVE (0.13-MM OS)						
	3	1	216-5582	7	BEARING-SLEEVE (STANDARD)						
AB		1	217-0751		BEARING-SLEEVE (0.254-MM OS)						
AB		1	217-0752		BEARING-SLEEVE (0.762-MM OS)						
AB		1	261-3429		BEARING-SLEEVE (1.778-MM OS)						
AB		1	261-3430		BEARING-SLEEVE (1.27-MM OS)						
	4	1	223-6433	1	CYLINDER HEAD AS						
	4A	1	224-3983	12	INSERT-SEAT (INLET)						
AB		1	314-3063		INSERT-VALVE SEAT (0.55 MM US THK)						
AB		1	314-3064		INSERT-VALVE SEAT (INLET 0.13 OS OD)						
AB		1	314-3065		INSERT-VALVE SEAT (0.13 MM OS OD, 0.55 MM US THK)						
AB		1	314-3066		INSERT-VALVE SEAT (INLET 0.26 OS OD)						
AB		1	314-3067		INSERT-VALVE SEAT (0.26 MM OS OD, 0.55 MM US THK)						
AB		1	314-3068		INSERT-VALVE SEAT (INLET 0.51 OS OD)						
AB		1	314-3069		INSERT-VALVE SEAT (0.51 MM OS OD, 0.55 MM US THK)						
	4B	1	226-5561	12	INSERT-VALVE (EXHAUST) (STANDARD)						
AB		1	288-4883		INSERT-VALVE (EXHAUST 0.51 OS OD)						
AB		1	288-4884		INSERT-VALVE (EXHAUST 0.76 OS OD)						
	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

BASIC ENGINE

223-6432 CYLINDER HEAD AS (contd.)

i03093644



GRAPHIC #1

<END>

g01162584

BASIC ENGINE

284-2787 CYLINDER HEAD AS

S/N: EHX2791-UP

PART OF 284-8892 CYLINDER HEAD GP
ALSO AN ATTACHMENT

SMCS-1100, 1101

i03477540

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	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	BEARING-SLEEVE (STANDARD)						
AB		1	217-0751		BEARING-SLEEVE (0.254-MM OS)						
AB		1	217-0752		BEARING-SLEEVE (0.762-MM OS)						
AB		1	261-3429		BEARING-SLEEVE (1.778-MM OS)						
AB		1	261-3430		BEARING-SLEEVE (1.27-MM OS)						
	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 US THK) (INLET)						
AB		1	314-3064		INSERT-VALVE SEAT (INLET 0.13 OS OD)						
AB		1	314-3065		INSERT-VALVE SEAT (0.13 MM OS OD, 0.55 MM US THK) (INLET)						
AB		1	314-3066		INSERT-VALVE SEAT (INLET 0.26 OS OD)						
AB		1	314-3067		INSERT-VALVE SEAT (0.26 MM OS OD, 0.55 MM US THK) (INLET)						
AB		1	314-3068		INSERT-VALVE SEAT (INLET 0.51 OS OD)						
AB		1	314-3069		INSERT-VALVE SEAT (0.51 MM OS OD, 0.55 MM US THK) (INLET)						
		1	226-5561	12	INSERT-VALVE (EXHAUST) (STANDARD)						
AB		1	288-4883		INSERT-VALVE (EXHAUST 0.51 OS OD)						
AB		1	288-4884		INSERT-VALVE (EXHAUST 0.76 OS OD)						
	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						

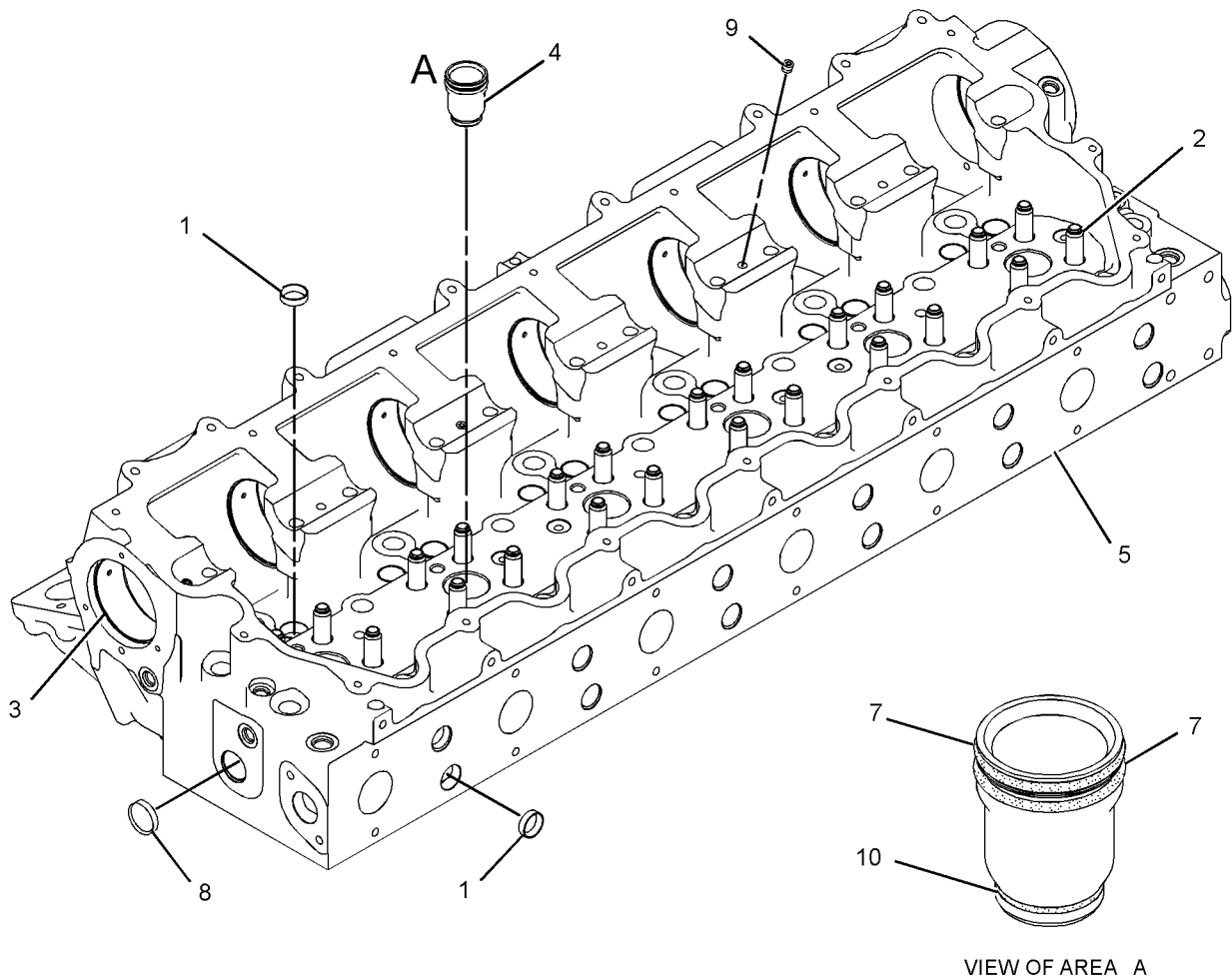
A-NOT PART OF THIS GROUP

B-USE AS REQUIRED

BASIC ENGINE

284-2787 CYLINDER HEAD AS (contd.)

i03477540



VIEW OF AREA A

GRAPHIC #1

<END>

g01422176

BASIC ENGINE

223-6397 CYLINDER HEAD GP

S/N: EHX1-2790, 2806-2809

PART OF 260-9527, 261-1507, 276-9586, 276-9587 ENGINE AR-CORE
ALSO AN ATTACHMENT

SMCS-1100

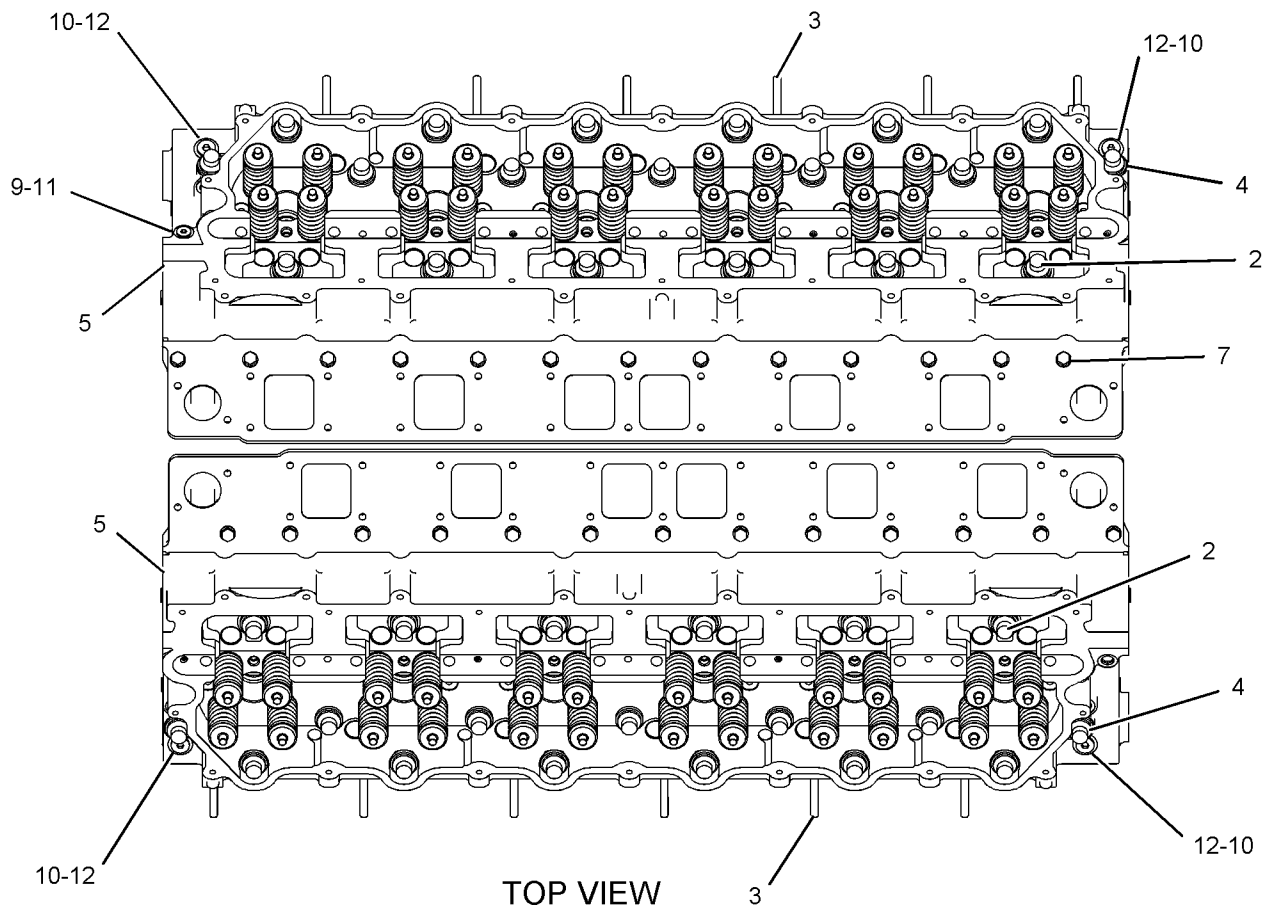
i02801685

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3E-6772	48	SEAL						
	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)						
Y	5	1	223-6431	2	CYLINDER HEAD GP						56
	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-O-RING						
	12	1	9S-8005	4	PLUG-O-RING						
Y-SEPARATE ILLUSTRATION											

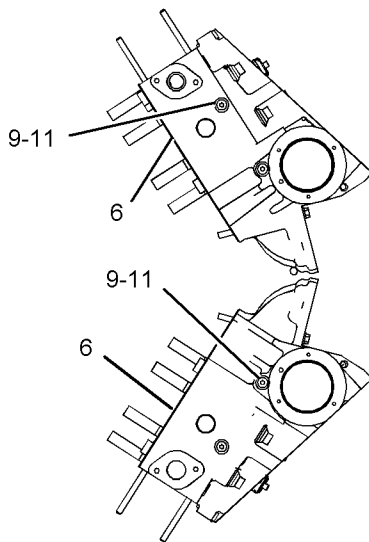
BASIC ENGINE

223-6397 CYLINDER HEAD GP (contd.)

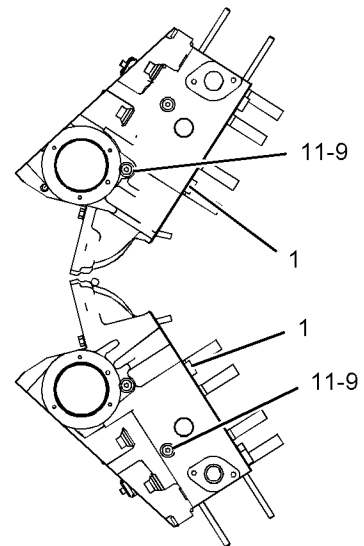
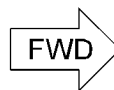
i02801685



TOP VIEW



REAR VIEW



FRONT VIEW

GRAPHIC #1

<END>

g01108895

BASIC ENGINE

223-6431 CYLINDER HEAD GP

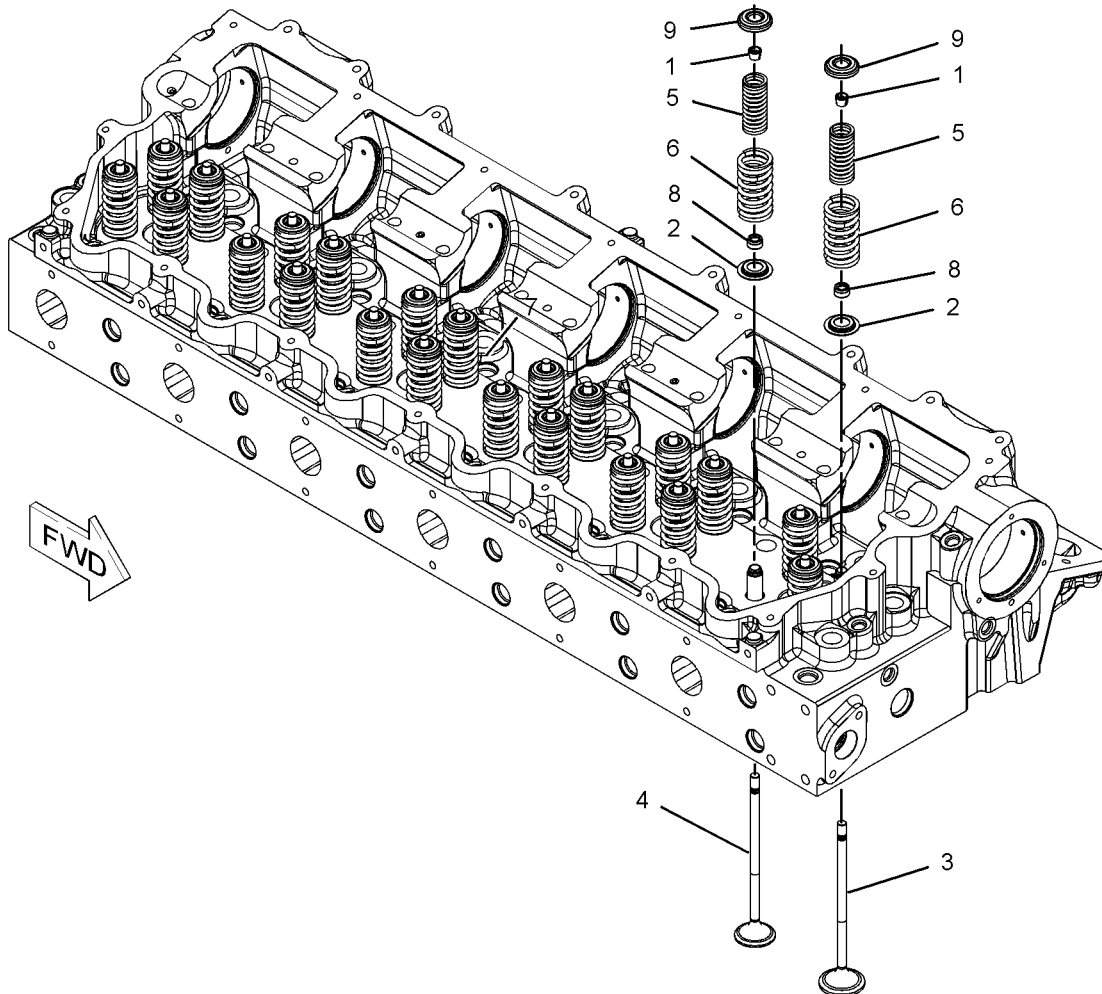
S/N: EHX1-2790

PART OF 223-6397 CYLINDER HEAD GP
ALSO AN ATTACHMENT

SMCS-1100

i02759167

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	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	50
	8	1	163-2478	24	SEAL-VALVE STEM	
	9	1	186-2001	24	ROTOCOIL AS	
Y-SEPARATE ILLUSTRATION						



GRAPHIC #1

<END>

g01164026

BASIC ENGINE

284-8892 CYLINDER HEAD GP*R

S/N: EHX2791-UP

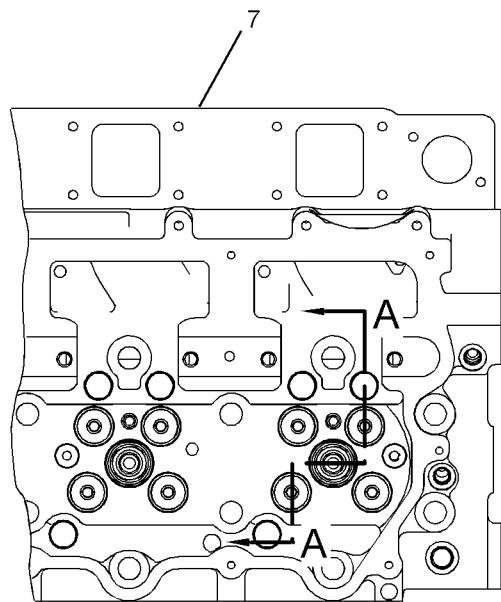
PART OF 284-8895 CYLINDER HEAD GP
ALSO AN ATTACHMENT

SMCS-1100

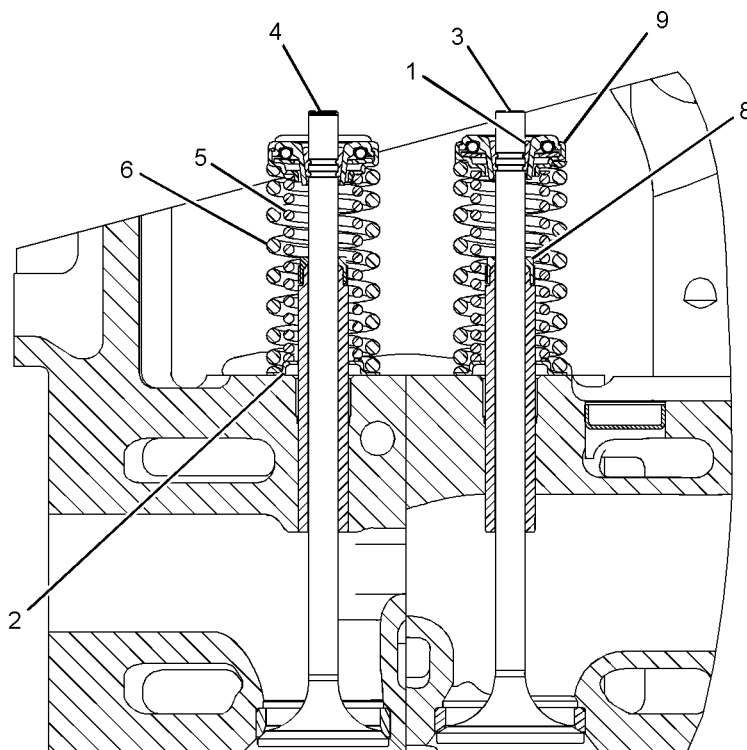
i02834859

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	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	52
	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

BASIC ENGINE

284-8895 CYLINDER HEAD GP

S/N: EHX2791-2805, 2810-UP

PART OF 276-9586, 276-9587 ENGINE AR-CORE
ALSO AN ATTACHMENT

SMCS-1100

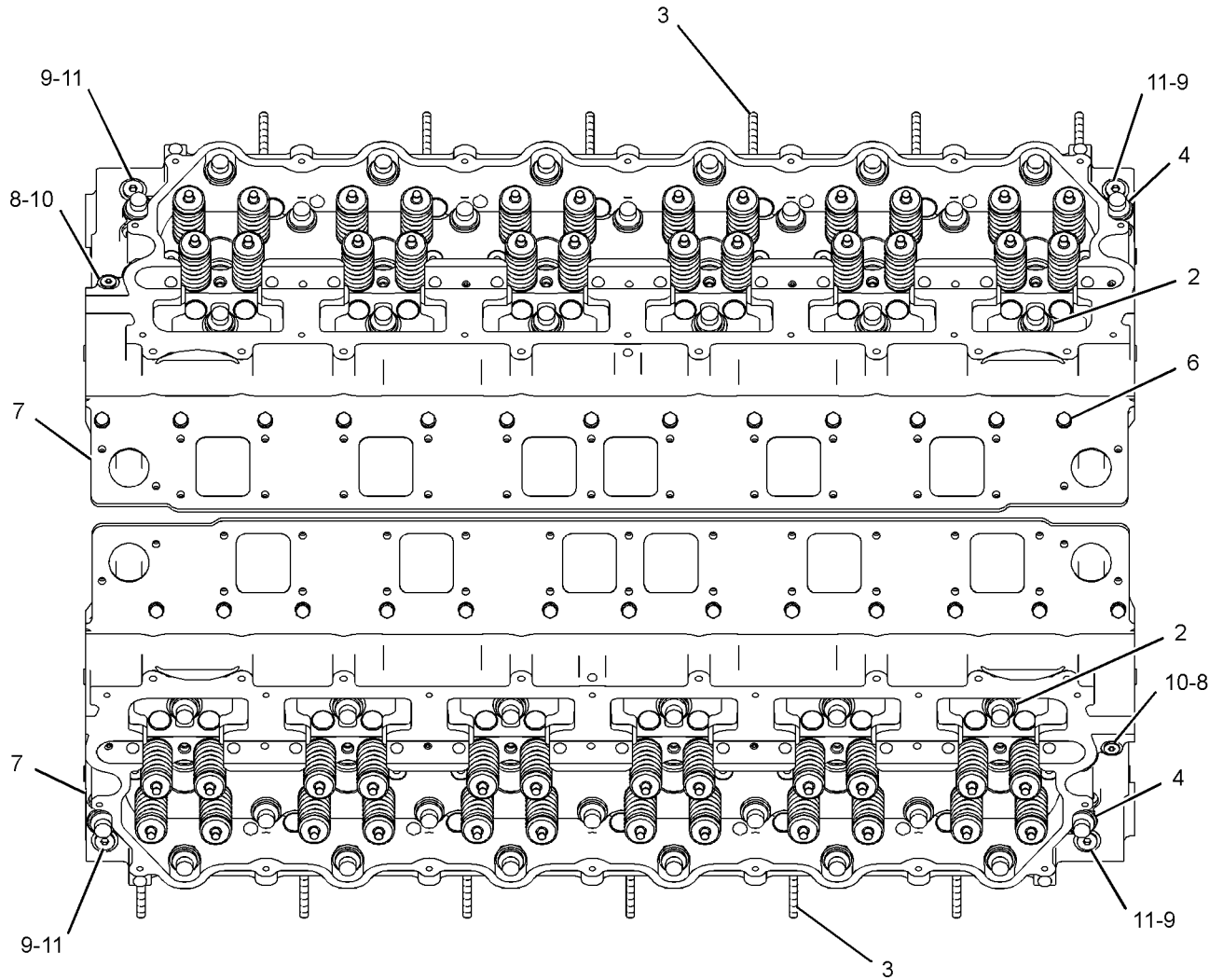
i02897562

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	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	284-8892	2	CYLINDER HEAD GP						57
	8	1	6V-5049	10	SEAL-O-RING						
	9	1	6V-6609	4	SEAL-O-RING						
	10	1	9S-8004	10	PLUG-O-RING						
	11	1	9S-8005	4	PLUG-O-RING						
R-REMFG PART MAY BE AVAILABLE											
Y-SEPARATE ILLUSTRATION											

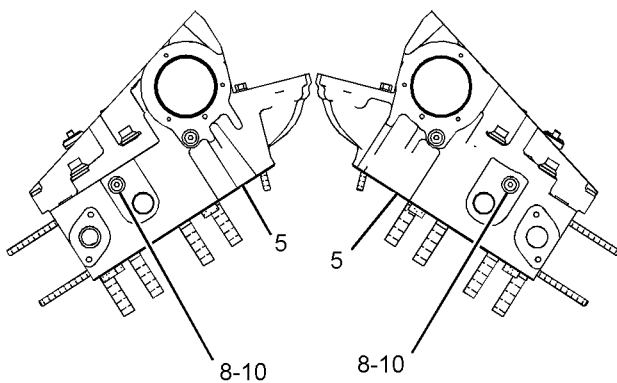
BASIC ENGINE

284-8895 CYLINDER HEAD GP (contd.)

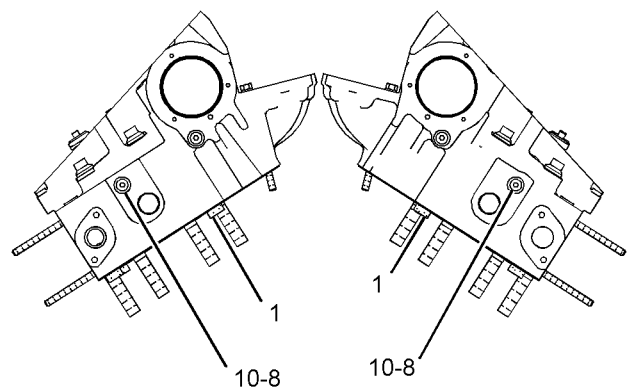
i02897562



TOP VIEW



REAR VIEW



FRONT VIEW

GRAPHIC #1

<END>

g01259053

BASIC ENGINE

6N-2229 DAMPER GP

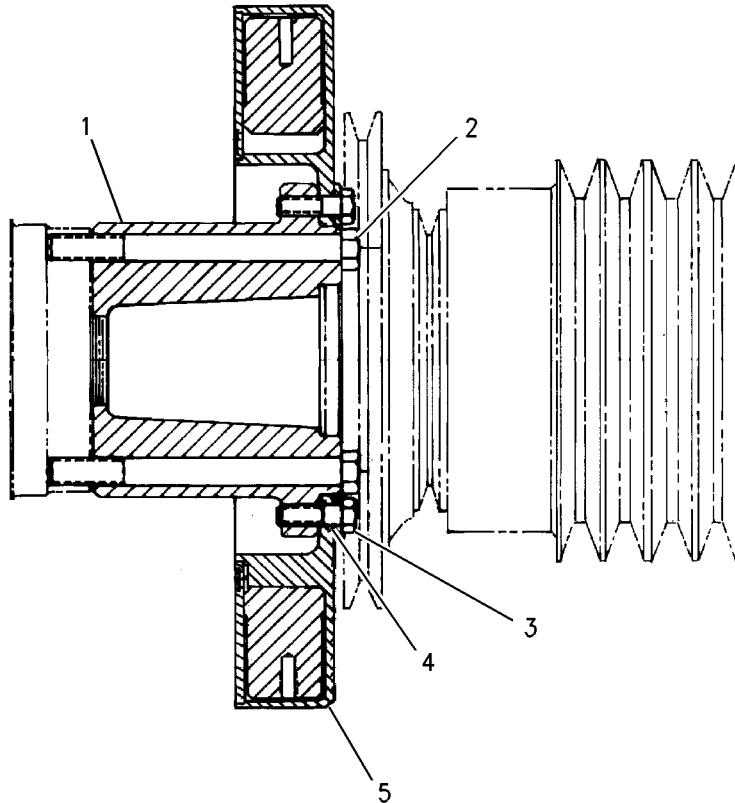
S/N: EHX1-UP

PART OF 212-2737, 212-2744, 271-2219, 271-2220 ENGINE AR-COMPLETE
ALSO AN ATTACHMENT

SMCS-1205

i01846526

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	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 (6.312X8.18X0.312-IN THK)						
R	5	1	167-8130	1	DAMPER AS						
R-REMFG PART MAY BE AVAILABLE											



GRAPHIC #1

<END>

g00672248

BASIC ENGINE

234-1579 DAMPER GP

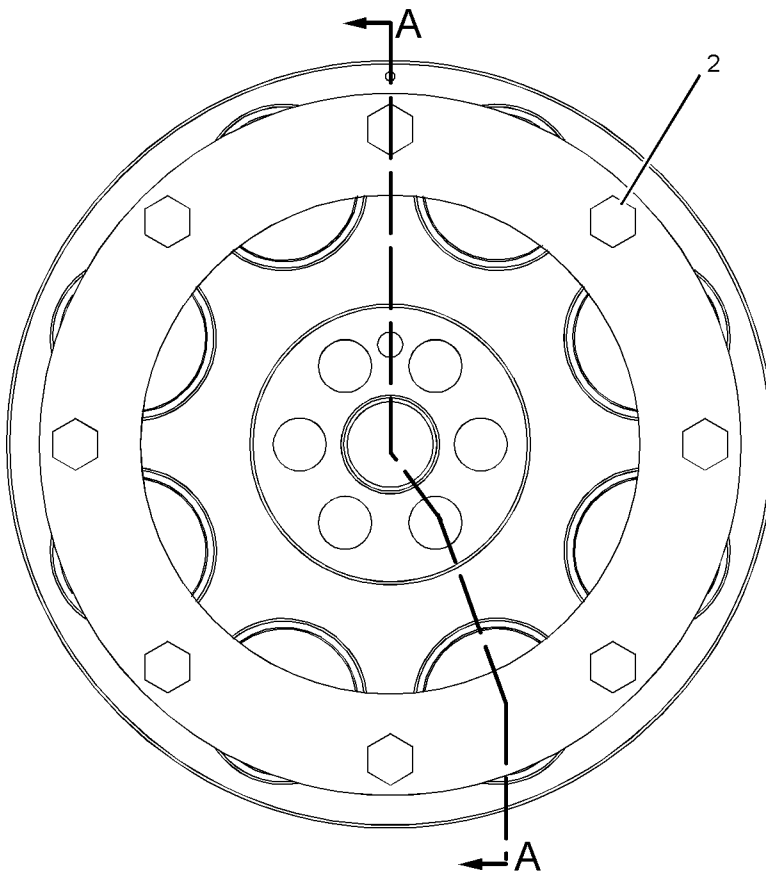
S/N: EHX1-UP

PART OF 235-7134 GEAR GP-FRONT
ALSO AN ATTACHMENT

SMCS-1205

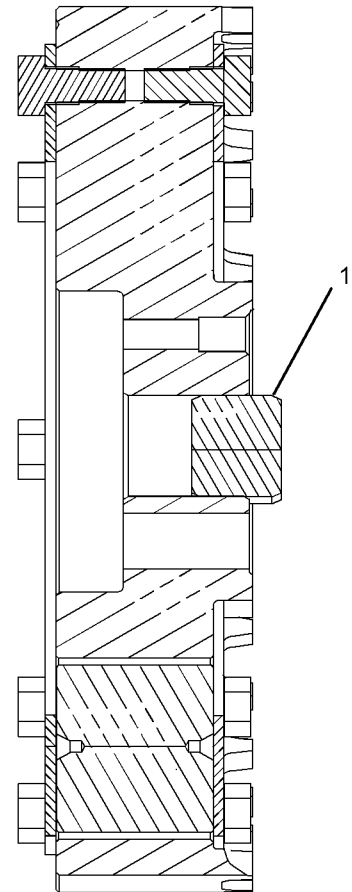
i02067224

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



FRONT VIEW

<END>



SECTION A-A

g01051809

GRAPHIC #1

BASIC ENGINE

216-0811 FLYWHEEL GP

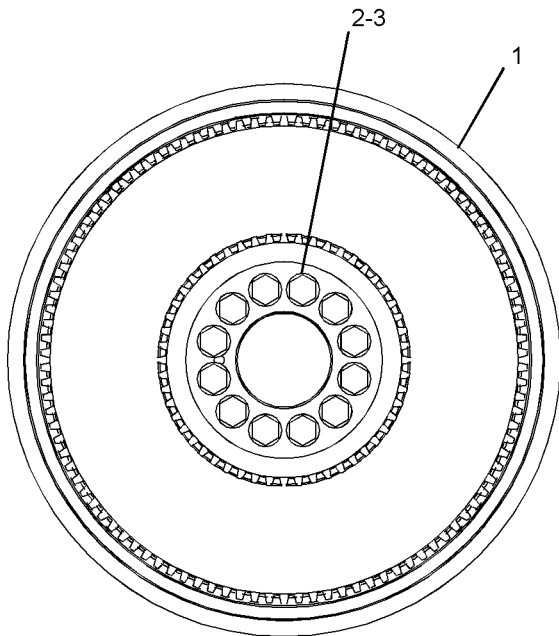
S/N: EHX1-UP

PART OF 212-2737, 212-2744, 271-2219, 271-2220 ENGINE AR-COMplete
ALSO AN ATTACHMENT

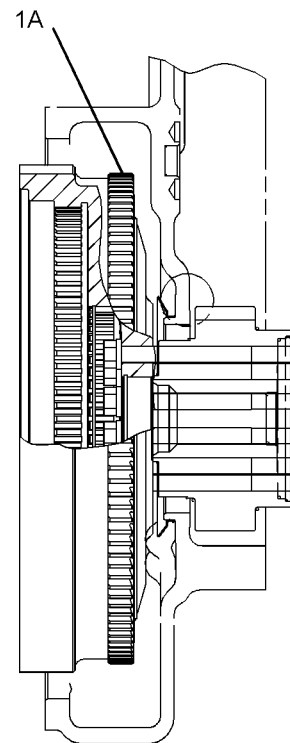
SMCS-1156

i02044736

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	213-3212	1	FLYWHEEL AS						
	1A	1	4N-2514	1	GEAR (113-TEETH)						
	2	1	1B-3623	12	BOLT (5/8-18X7-IN)						
	3	1	4D-3704	12	WASHER-HARD (17X30X5-MM THK)						



FRONT VIEW



LEFT SIDE VIEW

GRAPHIC #1

<END>

g01052142

BASIC ENGINE

235-7134 GEAR GP-FRONT

S/N: EHX1-UP

PART OF 260-9527, 261-1507, 276-9586, 276-9587 ENGINE AR-CORE
ALSO AN ATTACHMENT

SMCS-1151, 1162, 1206

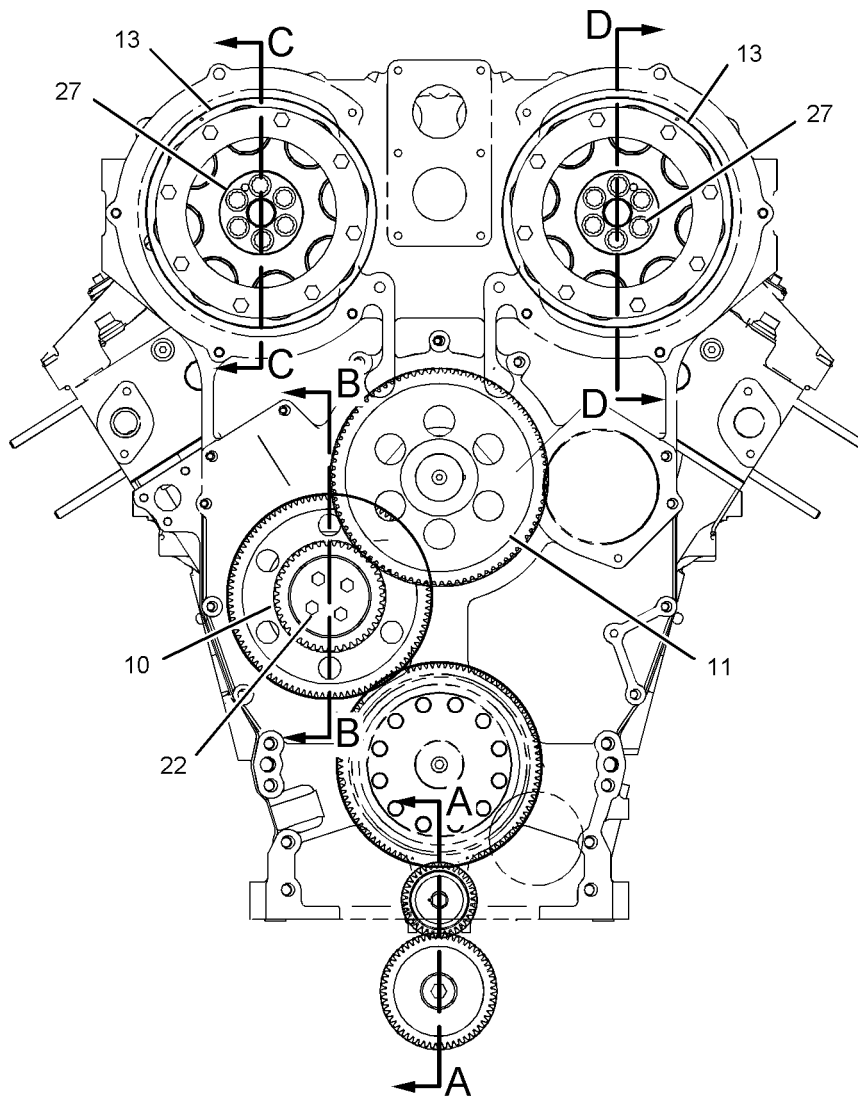
i02481981

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2W-3875	1	GEAR-OIL PUMP DRIVE (56-TEETH)						
	2	1	2W-4087	1	GEAR AS-IDLER (35-TEETH)						
		1	6N-0977	1	BEARING-SLEEVE						
	3	1	3G-2292	5	BOLT-LOCKING (3/8-16X0.87-IN)						
	4	1	4N-0342	1	PLATE						
	5	1	6N-1026	1	SHAFT AS-IDLER						
		1	4H-1641	1	PIN-SPRING						
		1	6N-1025	1	SHAFT-PUMP IDLER						
		1	7S-5005	2	DOWEL						
	6	1	6N-1027	1	PLATE-THRUST						
	7	1	7N-2443	1	WASHER-THRUST (2.508X3.5X0.188-IN THK)						
	8	1	112-9217	1	PLATE-THRUST						
	9	1	117-9712	1	SHAFT-DRIVE IDLER						
	10	1	271-5656	1	GEAR AS-IDLER (99/43-TEETH)						
		1	1B-8705	1	KEY-WOODRUFF						
		1	131-7123	1	BEARING-SLEEVE						
	11	1	223-9137	1	GEAR AS (86-TEETH) (CAMSHAFT)						
		1	101-3374	1	GEAR-CAMSHAFT DRIVE (86-TEETH)						
	12	1	224-5332	2	PLATE-SEALING						
Y	13	1	234-1579	2	DAMPER GP						61
	14	1	236-4136	2	ADAPTER AS						
					(EACH INCLUDES)						
		1	4N-0684	2	DOWEL						
		1	236-4096	1	ADAPTER						
	15	1	031-5085	6	BOLT-LOCKING (1/4-20X1-IN)						
	16	1	0S-0509	2	BOLT (3/8-16X0.75-IN)						
	17	1	0S-1571	1	BOLT (3/8-16X1.75-IN)						
	18	1	0T-0573	1	BOLT (3/8-16X2.75-IN)						
	19	1	117-8801	2	SEAL-O-RING						
	20	1	1B-8705	1	KEY-WOODRUFF						
	21	1	1P-7346	1	WASHER-HARD (10.2X35X6-MM THK)						
	22	1	2B-2695	4	BOLT (5/16-18X0.875-IN)						
	23	1	3B-1915	2	BOLT (3/8-16X1.375-IN)						
	24	1	5E-8771	2	SEAL-O-RING						
	25	1	5M-2894	3	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	26	1	5P-0537	6	WASHER-HARD (7.2X14.5X2-MM THK)						
	27	1	7K-3116	12	BOLT-12 POINT HEAD (5/8-11X3.5-IN)						
Y-SEPARATE ILLUSTRATION											

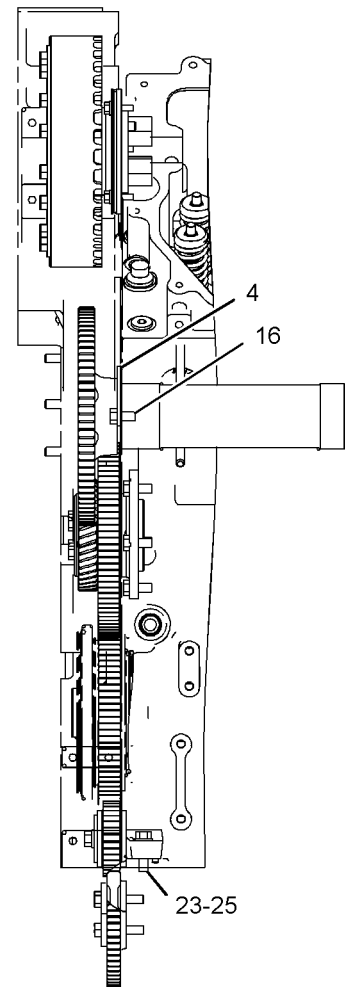
BASIC ENGINE

235-7134 GEAR GP - FRONT (contd.)

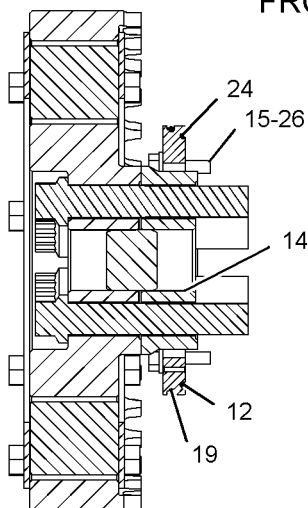
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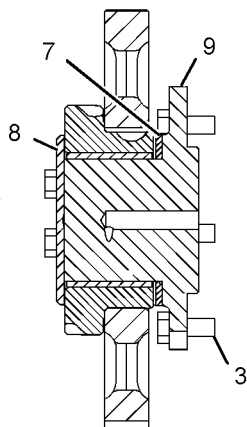
FRONT VIEW



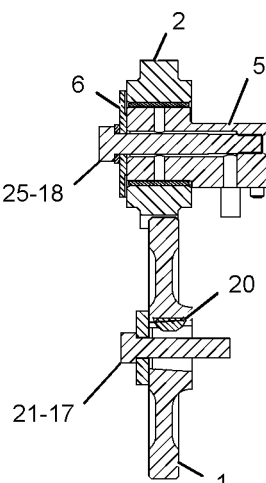
LEFT SIDE VIEW



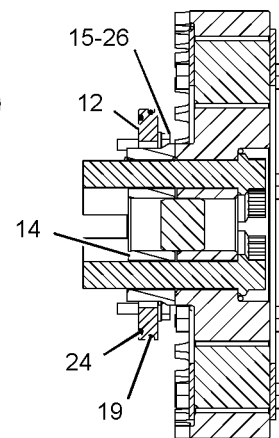
SECTION C-C



SECTION B-B



SECTION A-A



SECTION D-D

GRAPHIC #1

<END>

g01052458

BASIC ENGINE

235-7134 GEAR GP-FRONT

S/N: EHX2581-UP

PART OF 276-9586, 276-9587 ENGINE AR-CORE
ALSO AN ATTACHMENT

SMCS-1151, 1162, 1206

i02718350

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2W-3875	1	GEAR-OIL PUMP DRIVE (56-TEETH)						
	2	1	2W-4087	1	GEAR AS-IDLER (35-TEETH)						
		1	6N-0977	1	BEARING-SLEEVE						
	3	1	3G-2292	5	BOLT-LOCKING (3/8-16X0.87-IN)						
	4	1	4N-0342	1	PLATE						
	5	1	6N-1026	1	SHAFT AS-IDLER						
		1	4H-1641	1	PIN-SPRING						
		1	6N-1025	1	SHAFT-PUMP IDLER						
		1	7S-5005	2	DOWEL						
	6	1	6N-1027	1	PLATE-THRUST						
	7	1	7N-2443	1	WASHER-THRUST (2.508X3.5X0.188-IN THK)						
	8	1	112-9217	1	PLATE-THRUST						
	9	1	117-9712	1	SHAFT-DRIVE IDLER						
C	10	1	300-5575	1	GEAR AS-IDLER (99/43-TEETH)						
		1	1B-8705	1	KEY-WOODRUFF						
		1	131-7123	1	BEARING-SLEEVE						
	11	1	223-9137	1	GEAR AS (86-TEETH) (CAMSHAFT)						
		1	101-3374	1	GEAR-CAMSHAFT DRIVE (86-TEETH)						
	12	1	224-5332	2	PLATE-SEALING						
Y	13	1	234-1579	2	DAMPER GP						61
	14	1	236-4136	2	ADAPTER AS						
					(EACH INCLUDES)						
		1	4N-0684	2	DOWEL						
		1	236-4096	1	ADAPTER						
	15	1	031-5085	6	BOLT-LOCKING (1/4-20X1-IN)						
	16	1	0S-0509	2	BOLT (3/8-16X0.75-IN)						
	17	1	0S-1571	1	BOLT (3/8-16X1.75-IN)						
	18	1	0T-0573	1	BOLT (3/8-16X2.75-IN)						
	19	1	117-8801	2	SEAL-O-RING						
	20	1	1B-8705	1	KEY-WOODRUFF						
	21	1	1P-7346	1	WASHER-HARD (10.2X35X6-MM THK)						
	22	1	2B-2695	4	BOLT (5/16-18X0.875-IN)						
	23	1	3B-1915	2	BOLT (3/8-16X1.375-IN)						
	24	1	5E-8771	2	SEAL-O-RING						
	25	1	5M-2894	3	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	26	1	5P-0537	6	WASHER-HARD (7.2X14.5X2-MM THK)						
	27	1	7K-3116	12	BOLT-12 POINT HEAD (5/8-11X3.5-IN)						

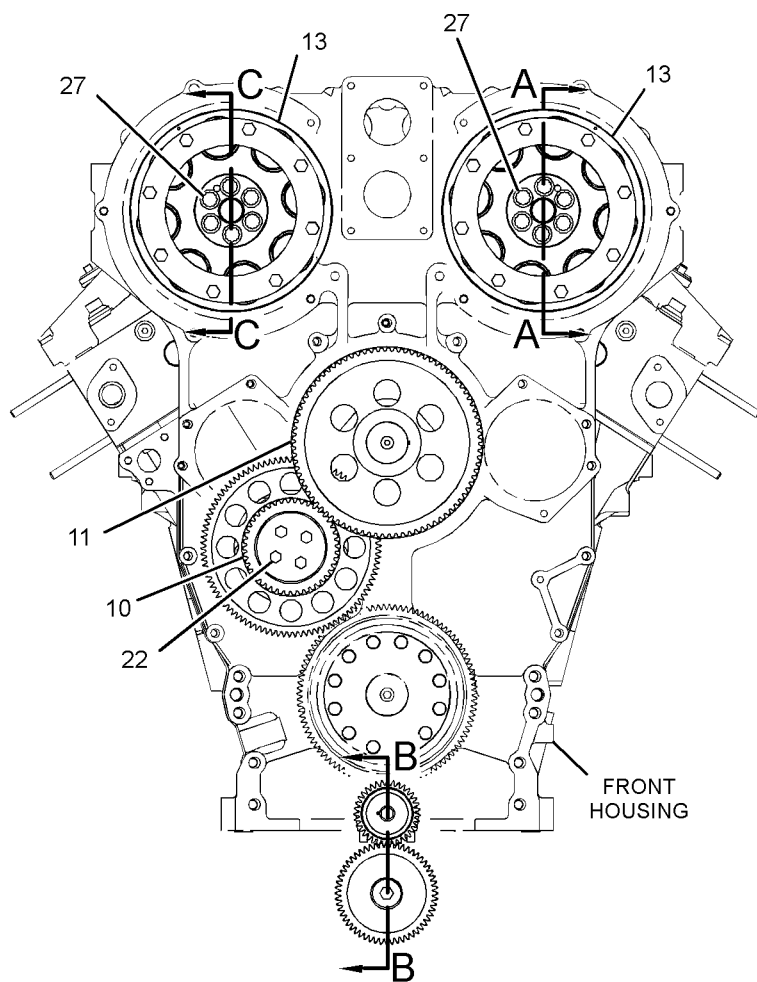
C-CHANGE FROM PREVIOUS TYPE

Y-SEPARATE ILLUSTRATION

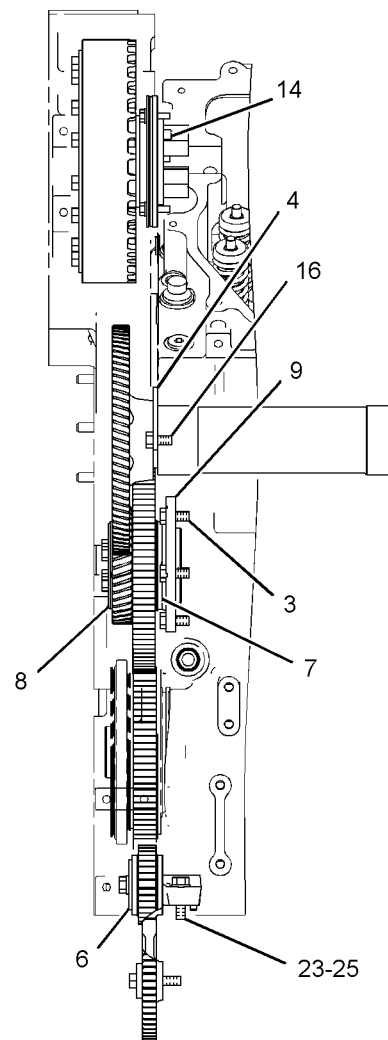
BASIC ENGINE

235-7134 GEAR GP - FRONT (contd.)

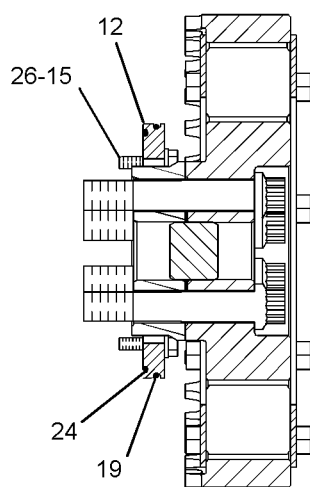
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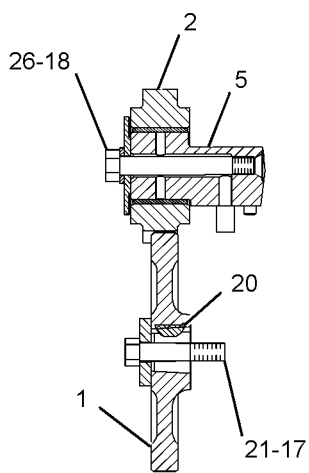
FRONT VIEW OF ENGINE



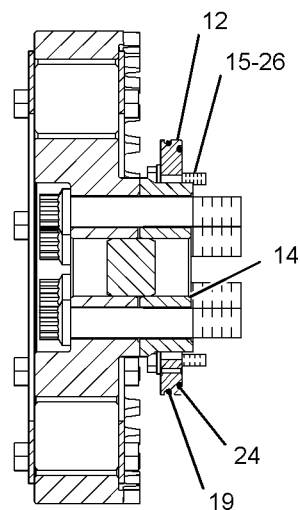
LEFT SIDE VIEW OF ENGINE



SECTION A-A



SECTION B-B



SECTION C-C

GRAPHIC #1

<END>

g01376433

BASIC ENGINE

216-0812 GEAR GP-REAR

S/N: EHX1-2328

PART OF 212-2737, 212-2744 ENGINE AR-COMPLETE
ALSO AN ATTACHMENT

SMCS-1204

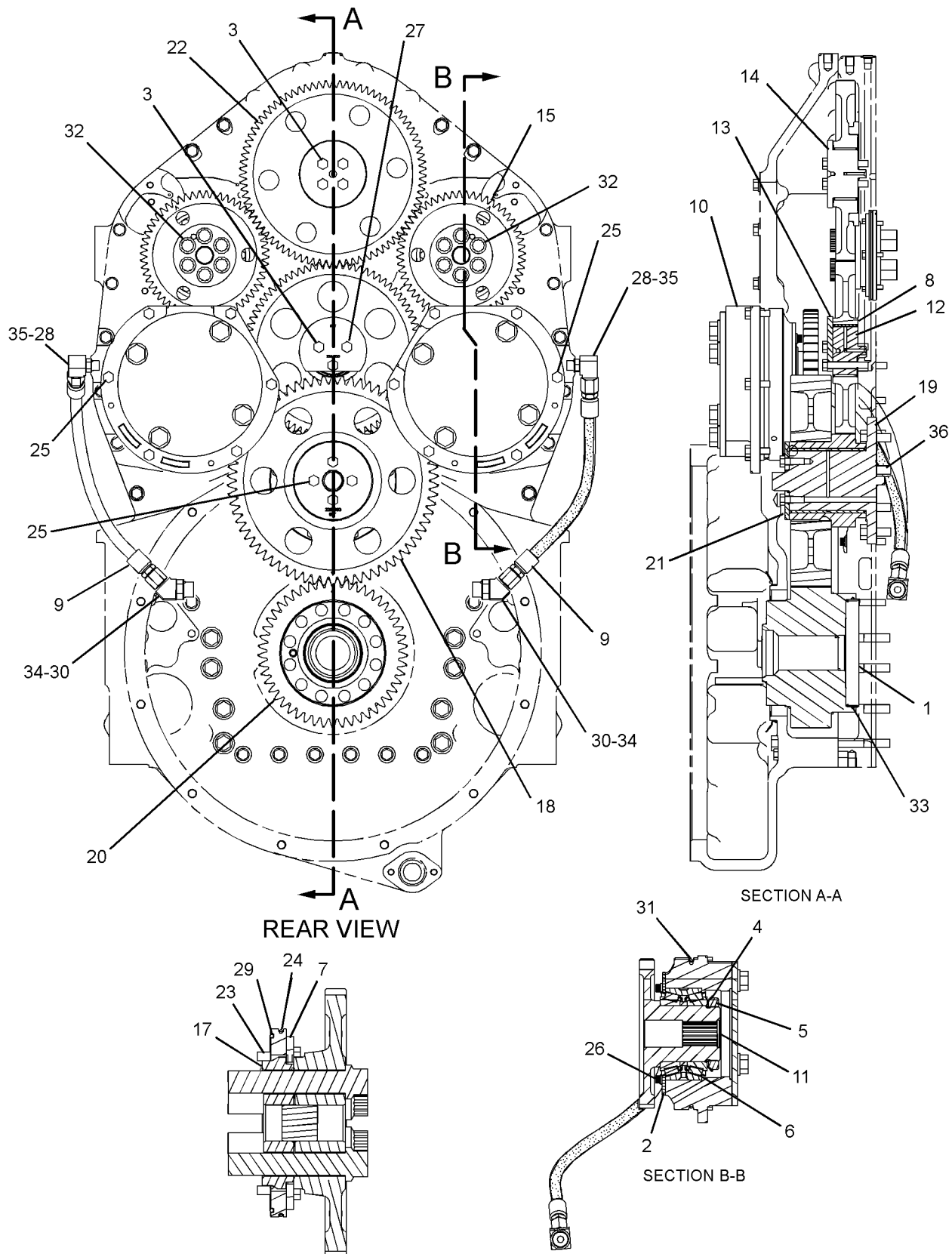
i02732043

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4N-0848	1	SLEEVE-WEAR						
	2	1	4N-7183	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	5P-1370	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	BEARING-SLEEVE						
	9	1	194-0620	2	HOSE AS						
	10	1	217-7219	2	ADAPTER-HYDRAULIC PUMP						
	11	1	222-3920	2	GEAR (17-TEETH)						
	12	1	224-1219	1	SHAFT-STUB						
	13	1	224-1220	1	PLATE						
	14	1	224-1221	1	SHAFT-STUB						
	15	1	224-1223	2	GEAR AS-CAMSHAFT (56-TEETH)						
					(EACH INCLUDES)						
		1	9N-0575	1	DOWEL						
	16	1	224-5332	2	PLATE-SEALING						
	17	1	224-9657	2	ADAPTER AS						
					(EACH INCLUDES)						
		1	4N-0684	1	DOWEL						
	18	1	226-6036	1	GEAR AS-IDLER (70-TEETH)						
		1	1B-8705	1	KEY-WOODRUFF						
		1	226-6052	1	BEARING-SLEEVE						
	19	1	227-0159	1	SHAFT-STUB						
	20	1	228-5813	1	GEAR AS-CRANKSHAFT (49-TEETH)						
		1	4N-0684	1	DOWEL						
	21	1	229-1663	1	PLATE-THRUST						
	22	1	230-6202	1	GEAR AS-IDLER (70/83-TEETH)						
		1	209-8622	1	BEARING-SLEEVE						
	23	1	031-5085	6	BOLT-LOCKING (1/4-20X1-IN)						
	24	1	117-8801	2	SEAL-O-RING						
	25	1	1A-2029	16	BOLT (3/8-16X1.125-IN)						
	26	1	1T-0720	12	BOLT-12 POINT HEAD (3/8-16X1.25-IN)						
	27	1	245-3804	1	BOLT (3/8-16X3.5-IN)						
	28	1	4K-6297	2	ELBOW						
	29	1	5E-8771	2	SEAL-O-RING						
	30	1	5P-4318	2	ELBOW						
	31	1	5P-8429	2	SEAL-O-RING						
	32	1	6J-3913	12	BOLT-12 POINT HEAD (5/8-11X3.25-IN)						
	33	1	6V-3319	1	SEAL-O-RING						
	34	1	6V-4589	2	SEAL-O-RING						
	35	1	6V-5049	2	SEAL-O-RING						
	36	1	7B-3235	8	BOLT (1/2-13X1.375-IN)						

BASIC ENGINE

216-0812 GEAR GP - REAR (contd.)

i02732043



GRAPHIC #1

<END>

g01325298

BASIC ENGINE

216-0812 GEAR GP-REAR

S/N: EHX2329-3630

PART OF 212-2737, 212-2744, 271-2219, 271-2220 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1204

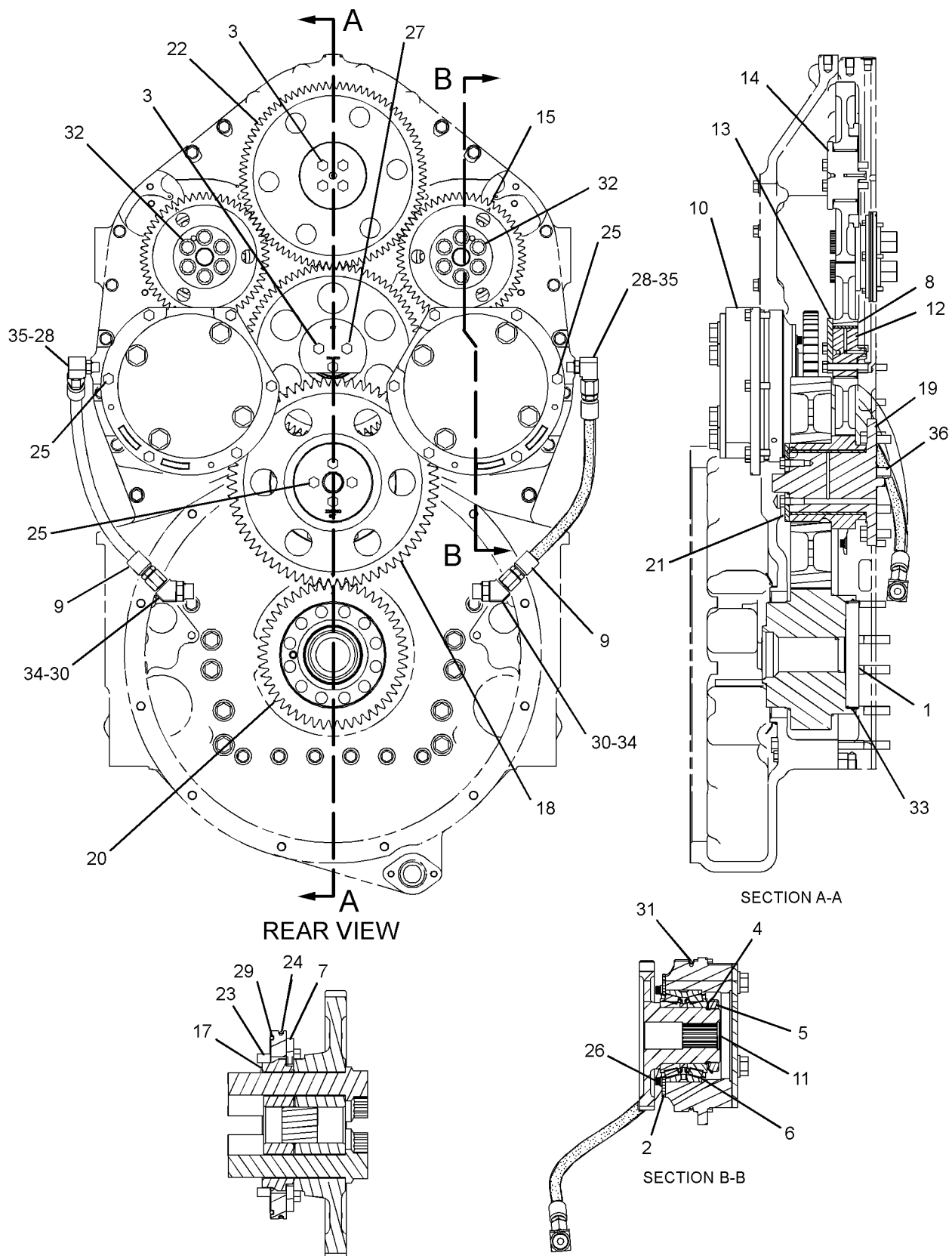
i02732044

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	4N-7183	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	5P-1370	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	BEARING-SLEEVE	
	9	1	194-0620	2	HOSE AS	
	10	1	217-7219	2	ADAPTER-HYDRAULIC PUMP	
	11	1	222-3920	2	GEAR (17-TEETH)	
	12	1	224-1219	1	SHAFT-STUB	
	13	1	224-1220	1	PLATE	
	14	1	224-1221	1	SHAFT-STUB	
C	15	1	264-0544	2	GEAR AS-CAMSHAFT (56-TEETH)	
					(EACH INCLUDES)	
		1	9N-0575	1	DOWEL	
	16	1	224-5332	2	PLATE-SEALING	
	17	1	224-9657	2	ADAPTER AS	
					(EACH INCLUDES)	
		1	4N-0684	1	DOWEL	
	18	1	226-6036	1	GEAR AS-IDLER (70-TEETH)	
		1	1B-8705	1	KEY-WOODRUFF	
		1	226-6052	1	BEARING-SLEEVE	
	19	1	227-0159	1	SHAFT-STUB	
	20	1	228-5813	1	GEAR AS-CRANKSHAFT (49-TEETH)	
		1	4N-0684	1	DOWEL	
	21	1	229-1663	1	PLATE-THRUST	
	22	1	230-6202	1	GEAR AS-IDLER (70/83-TEETH)	
		1	209-8622	1	BEARING-SLEEVE	
	23	1	031-5085	6	BOLT-LOCKING (1/4-20X1-IN)	
	24	1	117-8801	2	SEAL-O-RING	
	25	1	1A-2029	16	BOLT (3/8-16X1.125-IN)	
	26	1	1T-0720	12	BOLT-12 POINT HEAD (3/8-16X1.25-IN)	
	27	1	245-3804	1	BOLT (3/8-16X3.5-IN)	
	28	1	4K-6297	2	ELBOW	
	29	1	5E-8771	2	SEAL-O-RING	
	30	1	5P-4318	2	ELBOW	
	31	1	5P-8429	2	SEAL-O-RING	
	32	1	6J-3913	12	BOLT-12 POINT HEAD (5/8-11X3.25-IN)	
	33	1	6V-3319	1	SEAL-O-RING	
	34	1	6V-4589	2	SEAL-O-RING	
	35	1	6V-5049	2	SEAL-O-RING	
	36	1	7B-3235	8	BOLT (1/2-13X1.375-IN)	
C-CHANGE FROM PREVIOUS TYPE						

BASIC ENGINE

216-0812 GEAR GP - REAR (contd.)

i02732044



GRAPHIC #1

<END>

g01325306

BASIC ENGINE

216-0812 GEAR GP-REAR

S/N: EHX3631-UP

PART OF 271-2219, 271-2220 ENGINE AR-COMPLETE
ALSO AN ATTACHMENT

SMCS-1204

i03467710

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	4N-7183	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	5P-1370	2	BEARING AS-ROLLER	
	7	2	102-5861	2	PLATE-THRUST	
	8	2	185-1497	1	GEAR AS-IDLER (79-TEETH)	
		1	224-9664	1	BEARING-SLEEVE	
	9	1	194-0620	2	HOSE AS	
	10	2	217-7219	2	ADAPTER-HYDRAULIC PUMP	
	11	2	222-3920	2	GEAR (17-TEETH)	
	12	2	224-1219	1	SHAFT-STUB	
	13	2	224-1220	1	PLATE	
	14	2	224-1221	1	SHAFT-STUB	
	15	1	331-6188	2	GEAR AS-CAMSHAFT (56-TEETH) (56-TEETH)	
	16	2	224-5332	2	PLATE-SEALING	
	17	2	224-9657	2	ADAPTER AS	
					(EACH INCLUDES)	
		2	4N-0684	1	DOWEL	
	18	1	226-6036	1	GEAR AS-IDLER (70-TEETH)	
		1	226-6052		BEARING-SLEEVE	
		1	1B-8705	1	KEY-WOODRUFF	
	19	2	227-0159	1	SHAFT-STUB	
	20	1	228-5813	1	GEAR AS-CRANKSHAFT (49-TEETH)	
		1	4N-0684	1	DOWEL	
	21	2	229-1663	1	PLATE-THRUST	
	22	1	230-6202	1	GEAR AS-IDLER (70/83-TEETH)	
	23	2	031-5085	6	BOLT-LOCKING (1/4-20X1-IN)	
	24	2	117-8801	2	SEAL-O-RING	
C	25	1	1A-2029	12	BOLT (3/8-16X1.125-IN)	
	26	2	1T-0720	12	BOLT-12 POINT HEAD (3/8-16X1.25-IN)	
	27	1	245-3804	1	BOLT (3/8-16X3.5-IN)	
	28	1	297-7956	2	ELBOW	
	29	2	5E-8771	2	SEAL-O-RING	
	30	1	5P-4318	2	ELBOW	
	31	2	5P-8429	2	SEAL-O-RING	
	32	1	6J-3913	12	BOLT-12 POINT HEAD (5/8-11X3.25-IN)	
	33	2	6V-3319	1	SEAL-O-RING	
	34	1	6V-4589	2	SEAL-O-RING	
	35	1	6V-5049	2	SEAL-O-RING	
	36	2	7B-3235	8	BOLT (1/2-13X1.375-IN)	
C	37	1	0S-1588	3	BOLT (3/8-16X1.25-IN)	
C	38	1	4P-7428	2	CLIP	
C	39	1	5S-7382	1	BOLT (3/8-16X1.375-IN)	
C	40	1	6V-5839	4	WASHER (11X21X2.5-MM THK)	
C	41	1	103-0010	1	BRACKET AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
C	42	1	132-5789	1	CLIP	

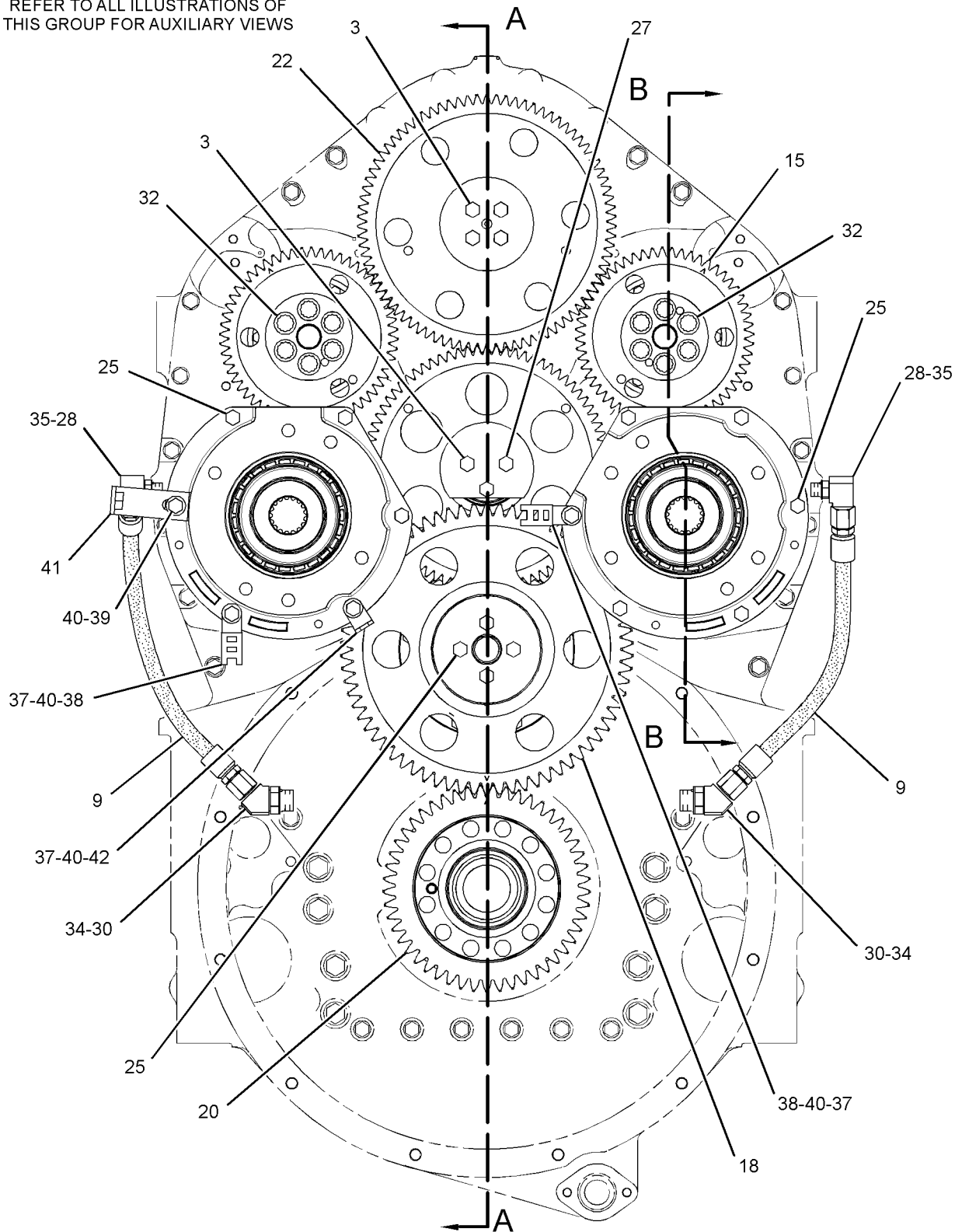
C-CHANGE FROM PREVIOUS TYPE
M-METRIC PART

BASIC ENGINE

216-0812 GEAR GP - REAR (contd.)

i03467710

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



REAR VIEW OF THE ENGINE

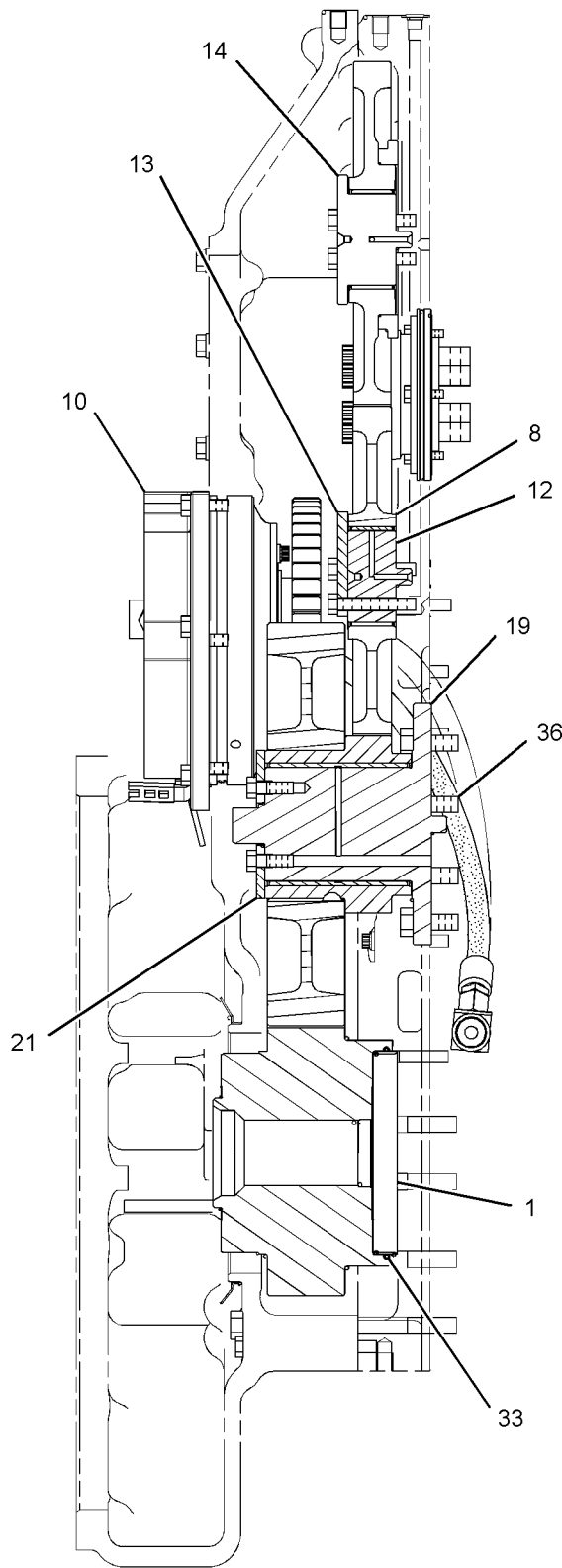
GRAPHIC #1

g01387313

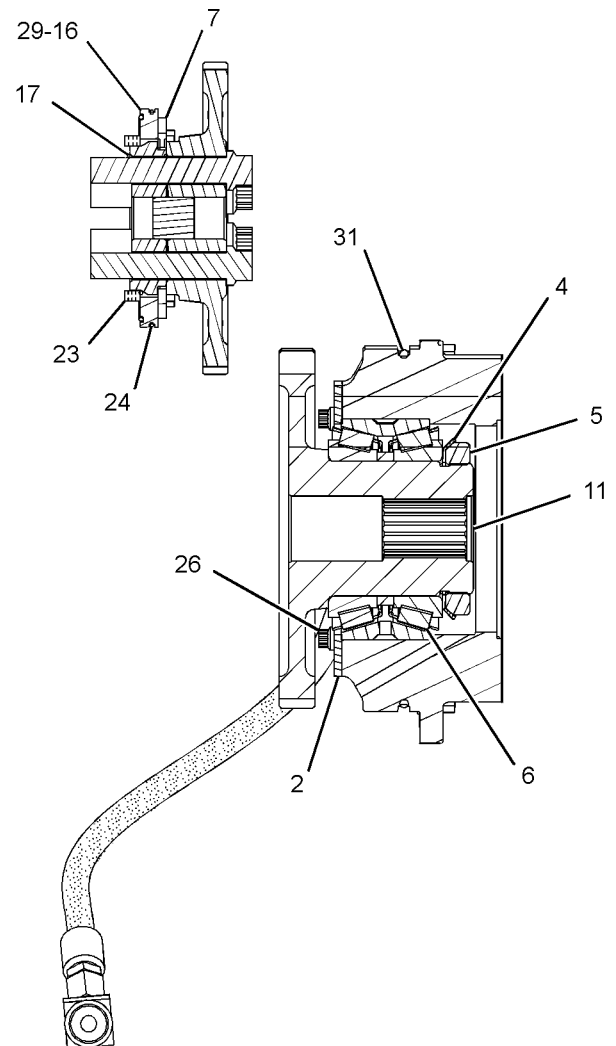
BASIC ENGINE

216-0812 GEAR GP-REAR (contd.)

i03467710



SECTION A-A



SECTION B-B

GRAPHIC #2

<END>

g01387363

BASIC ENGINE

226-0297 HOUSING GP-FLYWHEEL

S/N: EHX1-UP

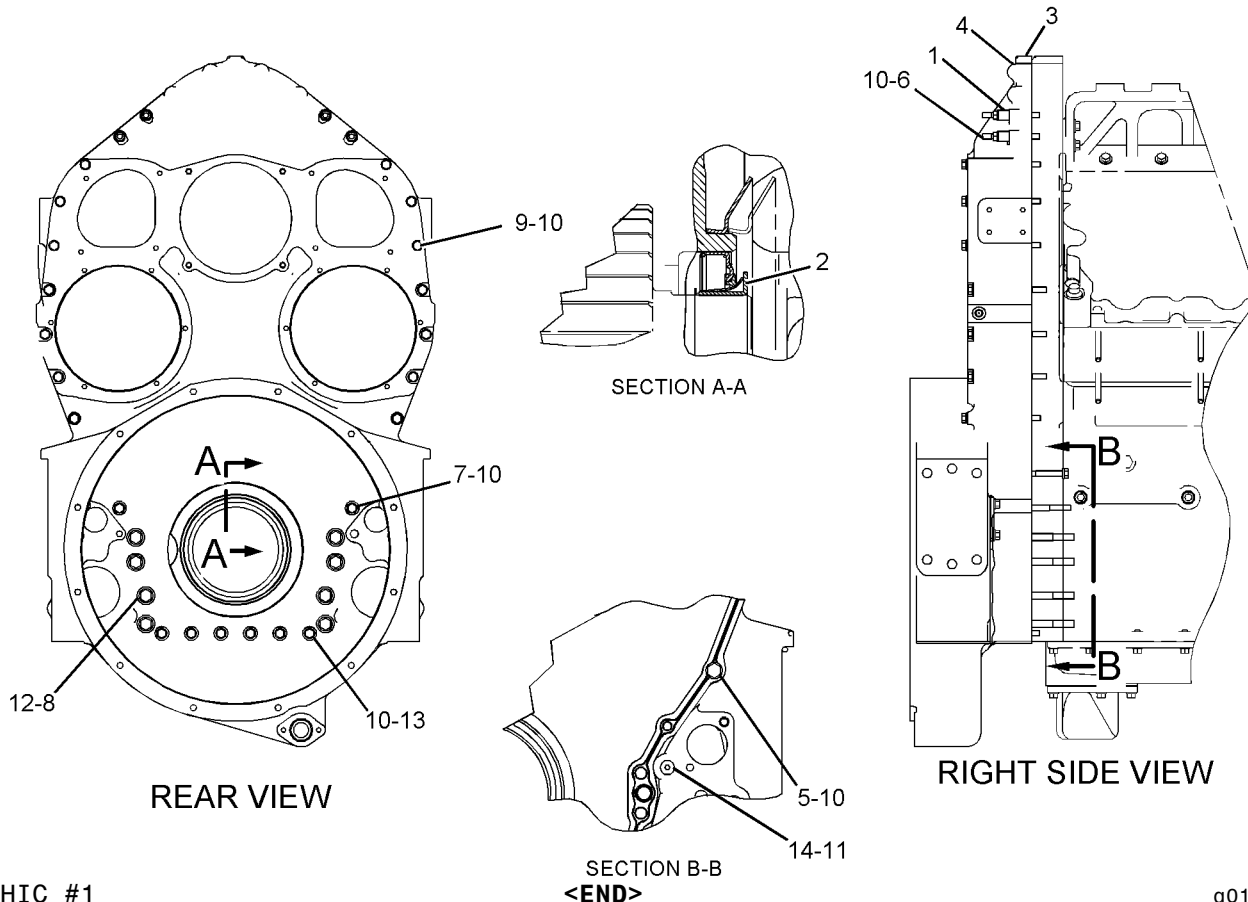
PART OF 212-2737, 212-2744, 271-2219, 271-2220 ENGINE AR-COMPLETE
ALSO AN ATTACHMENT

SMCS-1157

i03099954

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	7G-9724	4	SPACER (10.5X18X19-MM THK)	
Y	2	1	319-0785	1	SEAL GP-CRANKSHAFT (REAR FLYWHEEL HOUSING)	100
	3	1	225-1242	1	GASKET	
	4	1	302-4289	1	HOUSING AS-FLYWHEEL	
		1	1W-3136	1	BAFFLE	
		1	238-9860	2	DOWEL	
	5	1	0S-1619	2	BOLT (3/8-16X3-IN)	
	6	1	170-0612	4	STUD	
	7	1	231-4470	2	BOLT (3/8-16X6.25-IN)	
	8	1	231-4471	8	BOLT (1/2-13X6.25-IN)	
	9	1	5B-2638	14	BOLT (3/8-16X5.25-IN)	
	10	1	5M-2894	28	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	11	1	5P-7814	1	SEAL-O-RING	
	12	1	5P-8245	8	WASHER-HARD (13.5X25.5X3-MM THK)	
	13	1	8S-9191	6	BOLT (3/8-16X4-IN)	
	14	1	9S-8003	1	PLUG	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

SECTION B-B
<END>

g01054567

BASIC ENGINE

238-9862 HOUSING GP-FRONT

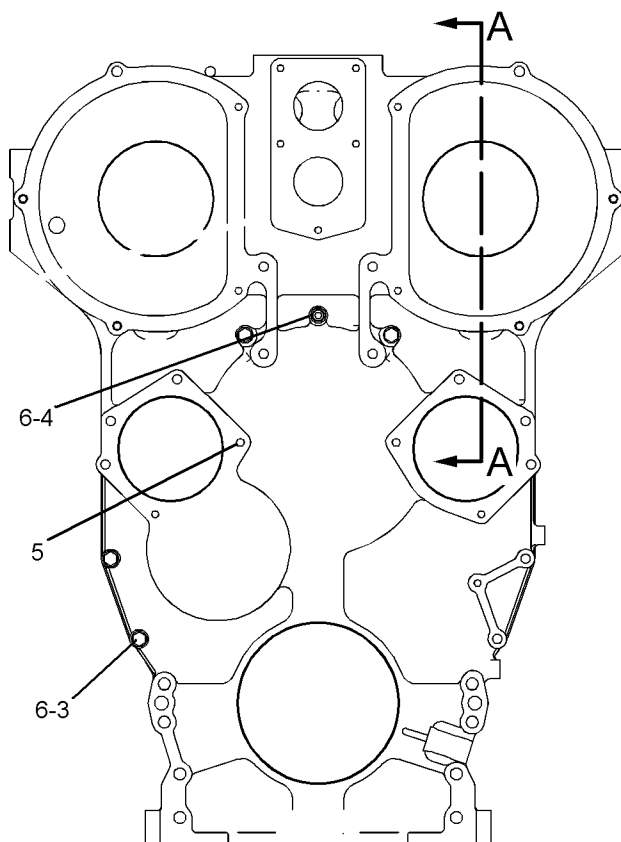
S/N: EHX1-UP

PART OF 260-9527, 261-1507, 276-9586, 276-9587 ENGINE AR-CORE
ALSO AN ATTACHMENT

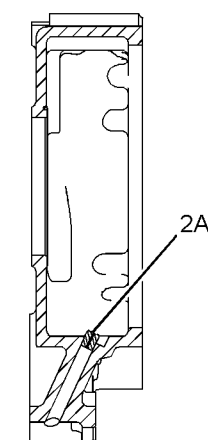
SMCS-1151, 1162, 1206

i02748396

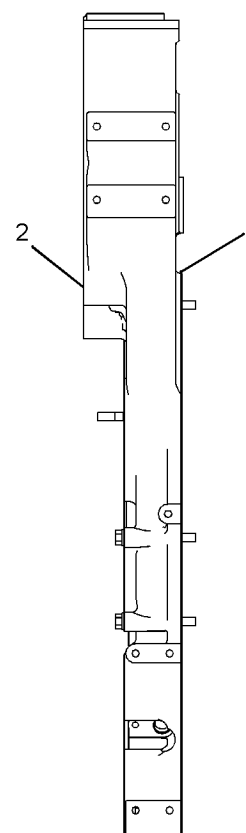
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	214-1727	1	GASKET (CYLINDER BLOCK)						
	2	1	238-9861	1	HOUSING AS						
	2A	1	238-9860	2	DOWEL						
	3	1	0L-1352	4	BOLT (3/8-16X3.25-IN)						
	4	1	2K-4973	1	LOCKNUT (3/8-16-THD)						
	5	1	3K-3256	2	STUD-TAPERLOCK (3/8-16X1.7-IN)						
	6	1	5M-2894	5	WASHER-HARD (10.2X18.5X2.5-MM THK)						



FRONT VIEW



SECTION A-A



LEFT SIDE VIEW

GRAPHIC #1

<END>

g01050949

BASIC ENGINE

233-2462 HOUSING GP-REAR

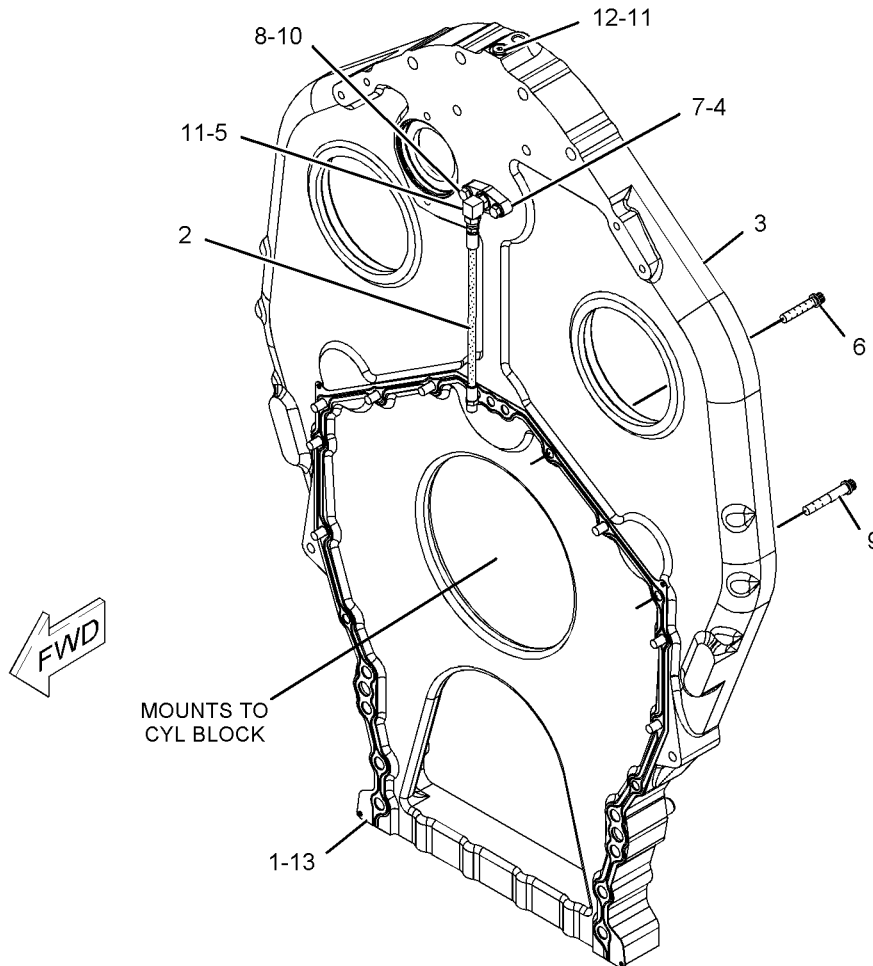
S/N: EHX1-UP

PART OF 260-9527, 261-1507, 276-9586, 276-9587 ENGINE AR-CORE
ALSO AN ATTACHMENT

SMCS-1166

i02041104

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	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-O-RING						
B	13	1	4C-9612		SEALANT-SILICONE						
B-USE AS REQUIRED											



GRAPHIC #1

<END>

g01051089

BASIC ENGINE

235-2014 LIFTING GP-ENGINE

S/N: EHX1-UP

PART OF 212-2737, 212-2744, 271-2219, 271-2220 ENGINE AR-COMPLETE
ALSO AN ATTACHMENT

SMCS-1122

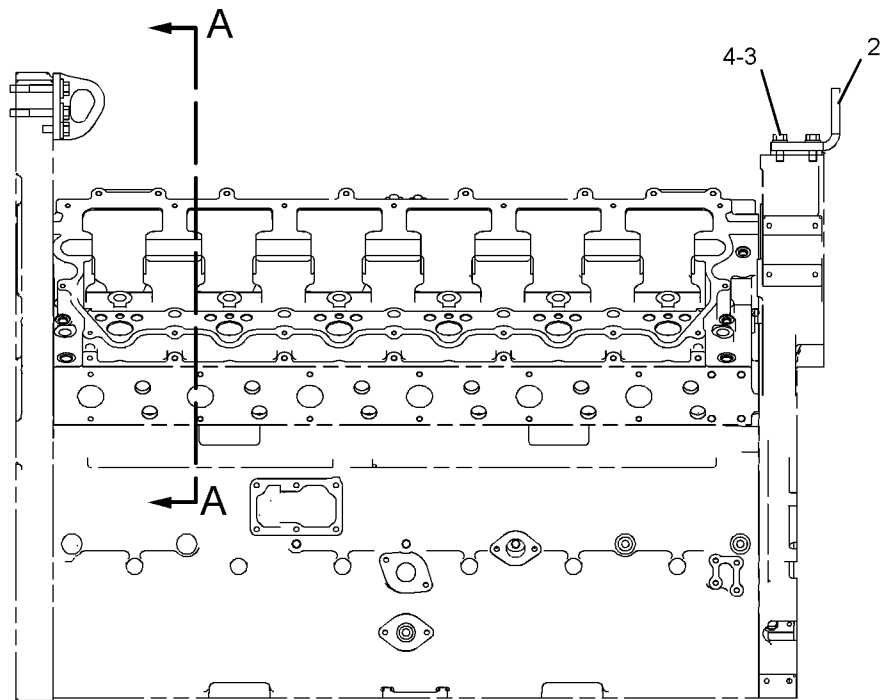
i02040826

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

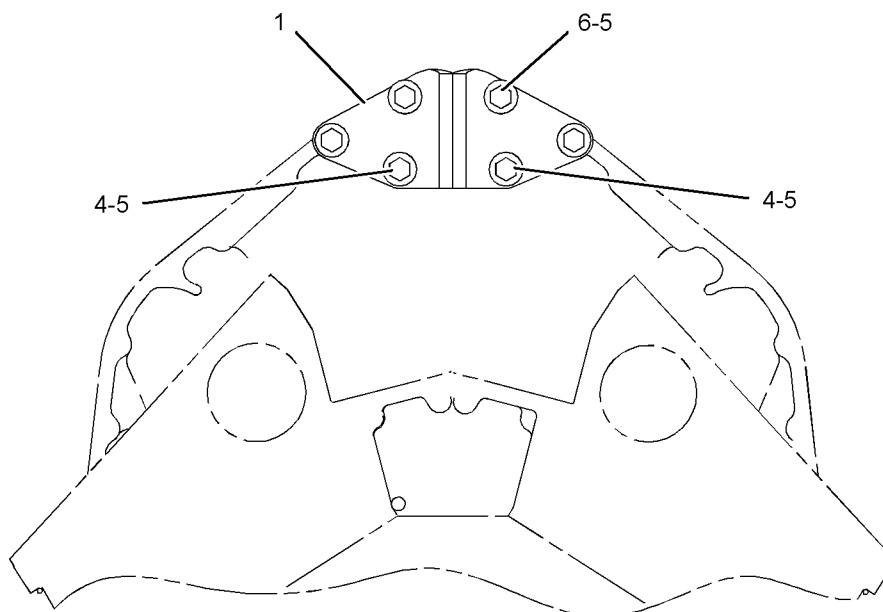
BASIC ENGINE

235-2014 LIFTING GP-ENGINE (contd.)

i02040826



RIGHT SIDE VIEW



SECTION A-A
<END>

GRAPHIC #1

g01051242

BASIC ENGINE

260-9631 MECHANISM GP-FUEL PUMP & VALVE

S/N: EHX1-2688

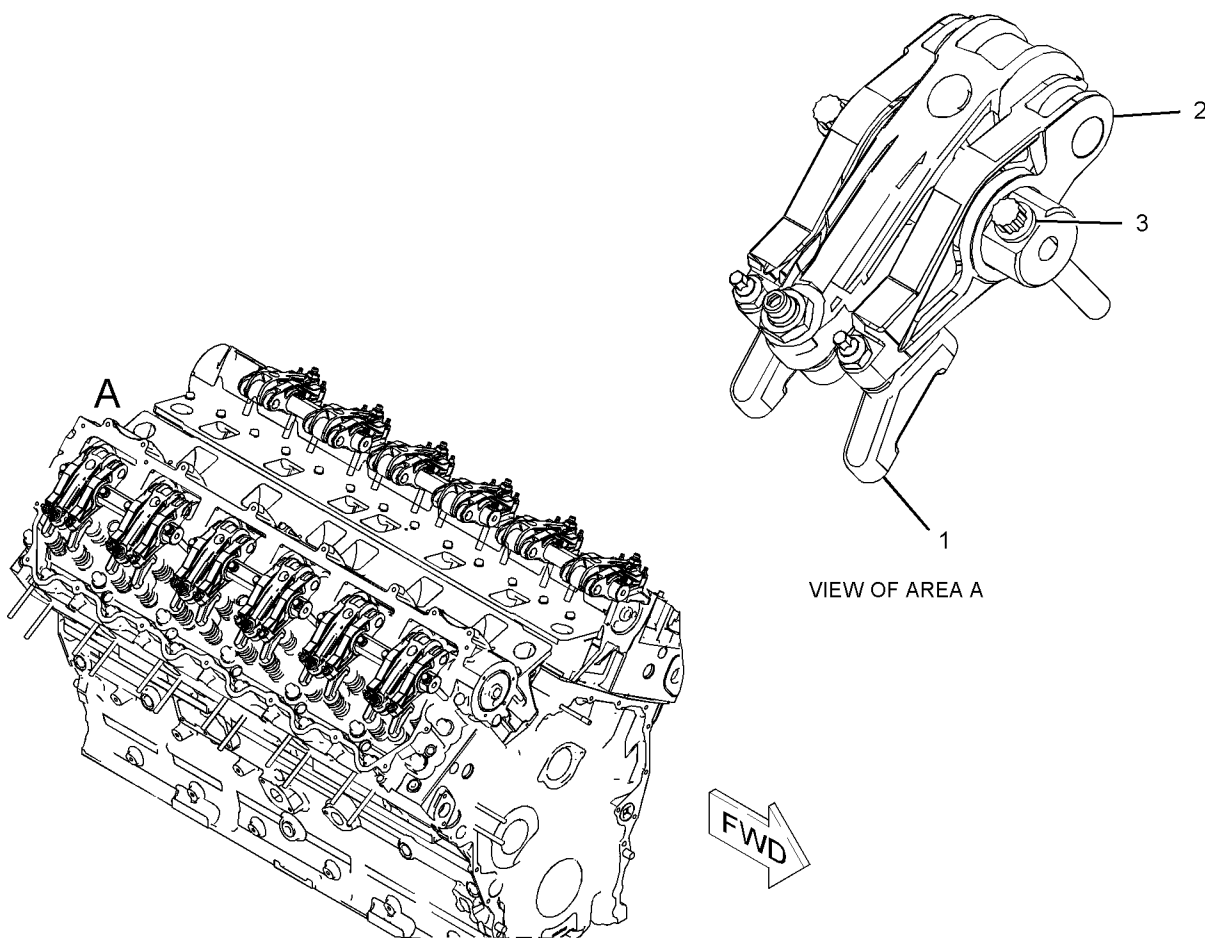
PART OF 260-9527, 261-1507, 276-9586 ENGINE AR-CORE
ALSO AN ATTACHMENT

SMCS-1102, 1123

i02215826

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	91
	3	1	5J-5794	24	BOLT (1/2-13X3.5-IN)	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01051266

BASIC ENGINE

260-9631 MECHANISM GP-FUEL PUMP & VALVE

S/N: EHX1-3316

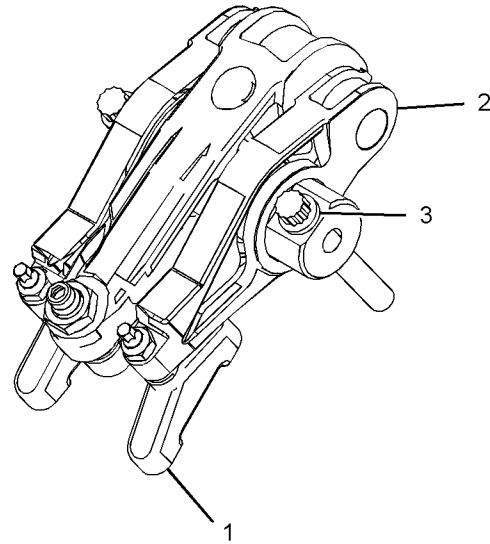
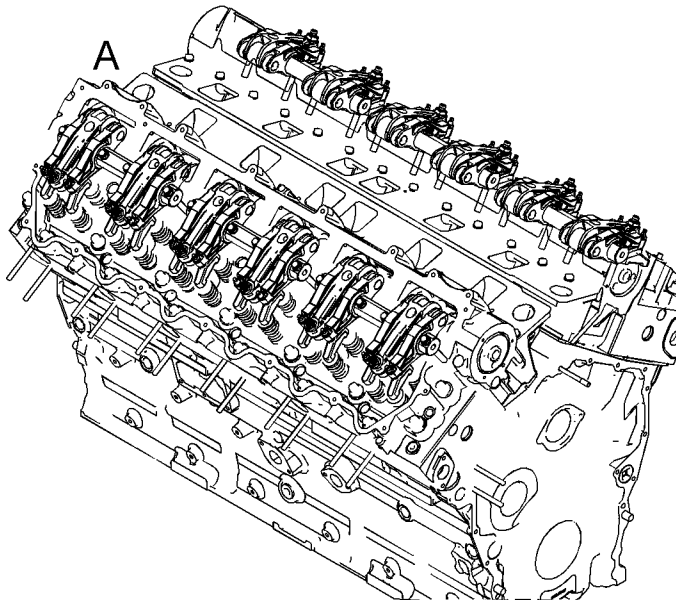
PART OF 260-9527, 261-1507, 276-9586, 276-9587 ENGINE AR-CORE
ALSO AN ATTACHMENT

SMCS-1102, 1123

i02423747

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	6I-1458	24	BRIDGE-VALVE	
CY	2	1	280-8043	6	ROCKER ARM GP	92
	3	1	5J-5794	24	BOLT (1/2-13X3.5-IN)	

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION



VIEW OF AREA A



GRAPHIC #1

<END>

g01051266

BASIC ENGINE

260-9631 MECHANISM GP-FUEL PUMP & VALVE

S/N: EHX3317-UP

PART OF 276-9586, 276-9587 ENGINE AR-CORE

ALSO AN ATTACHMENT

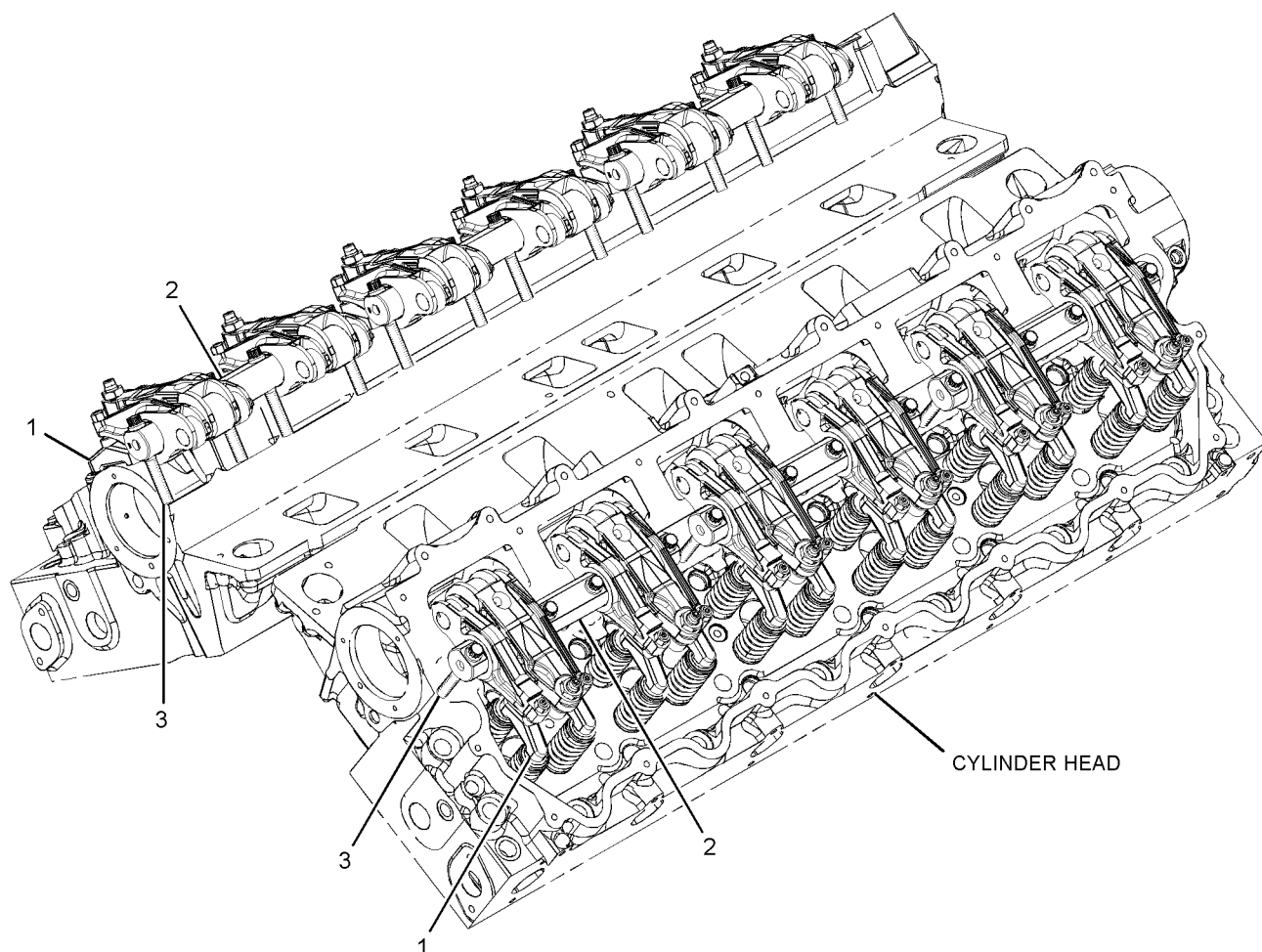
TYPE 1

SMCS-1102, 1123

i02662389

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	93
	3	1	5J-5794	24	BOLT (1/2-13X3.5-IN)	

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01341846

BASIC ENGINE

260-9631 MECHANISM GP-FUEL PUMP & VALVE

S/N: EHX3317-UP

PART OF 276-9586, 276-9587 ENGINE AR-CORE

ALSO AN ATTACHMENT

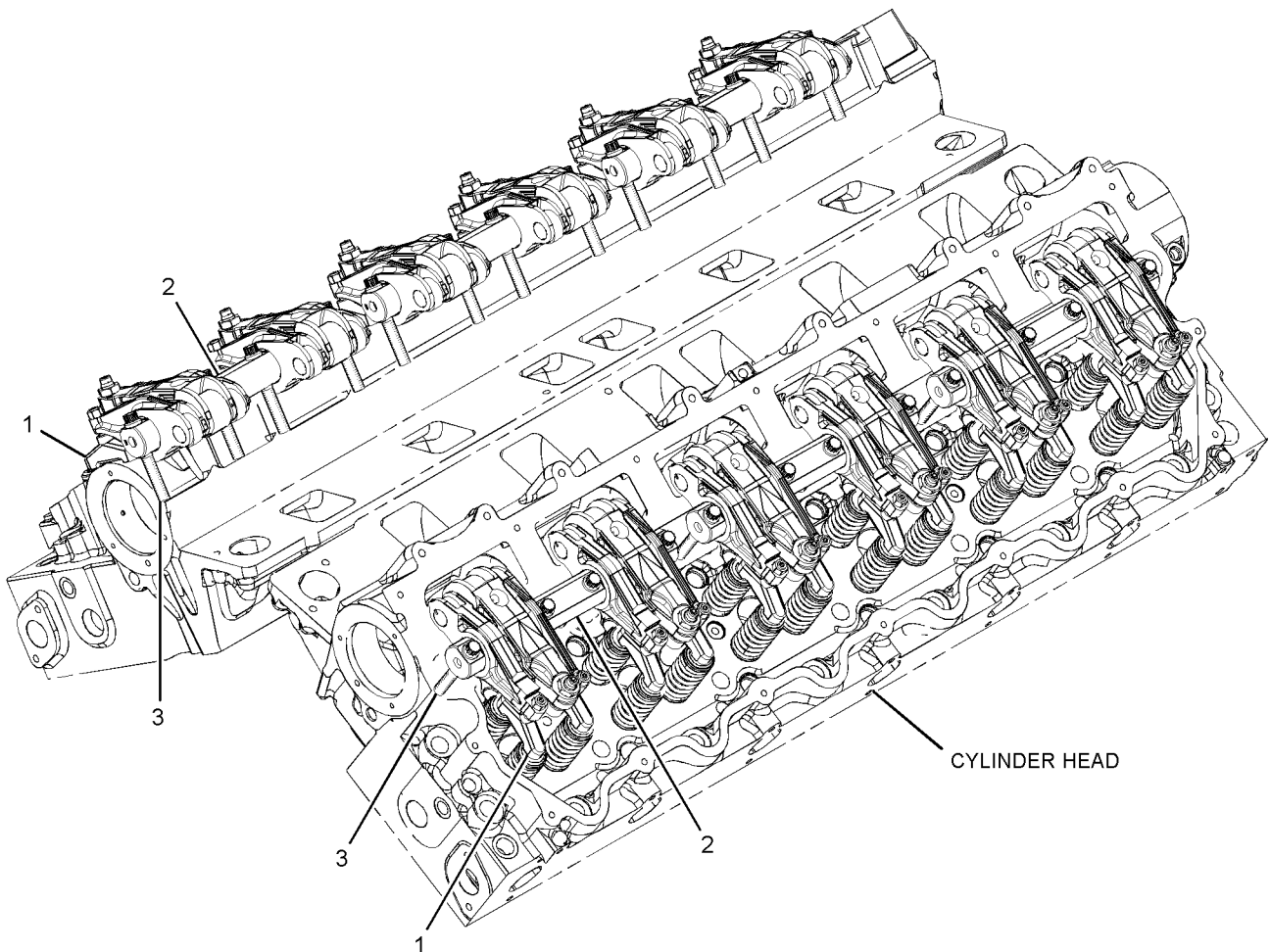
TYPE 2

SMCS-1102, 1123

i03452666

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	97
	3	1	338-4562	24	BOLT-12 PT HEAD	

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01341846

BASIC ENGINE

219-7677 MOUNTING GP-ALTERNATOR & COMPR

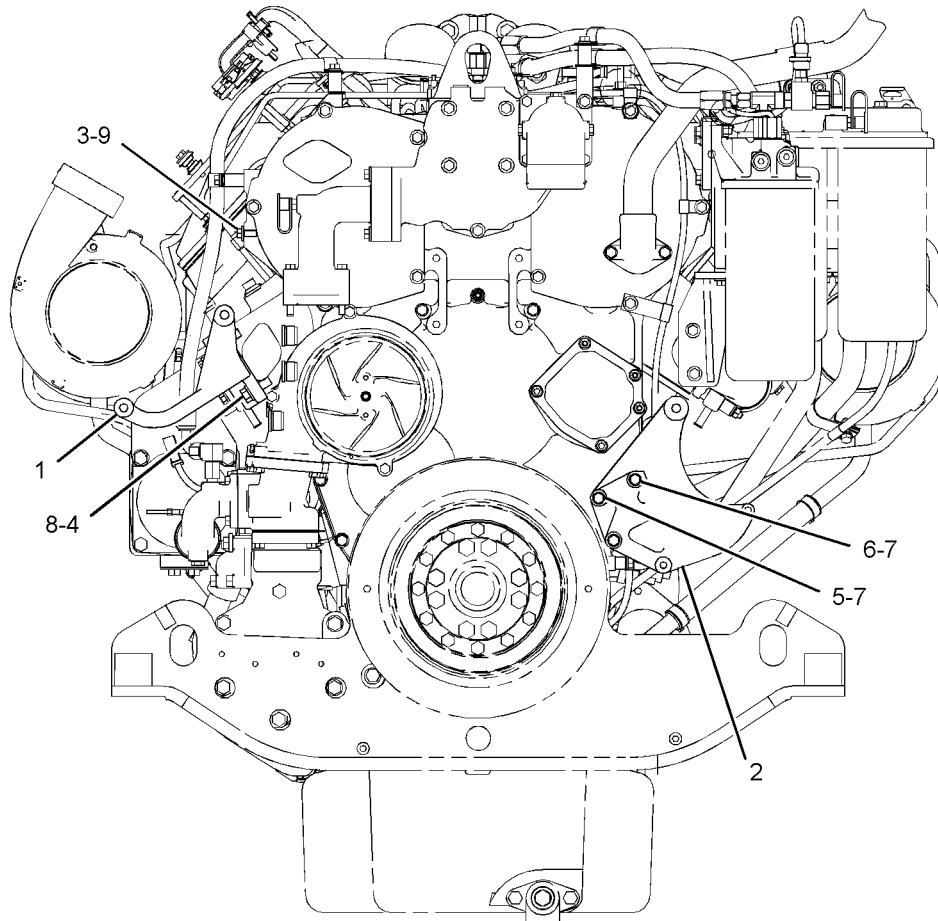
S/N: EHX1-UP

PART OF 212-2737, 212-2744, 271-2219, 271-2220 ENGINE AR-COMPLETE
ALSO AN ATTACHMENT

SMCS-1405, 1802

i02231183

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	219-6922	1	SUPPORT-ALTERNATOR						
	2	1	219-7678	1	BRACKET AS						
	3	1	0L-1351	1	BOLT (3/8-16X0.875-IN)						
	4	1	0S-1585	4	BOLT (1/2-13X1.5-IN)						
	5	1	0T-0573	1	BOLT (3/8-16X2.75-IN)						
	6	1	5B-9603	2	BOLT (3/8-16X5-IN)						
	7	1	5M-2894	3	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	8	1	5P-8245	4	WASHER-HARD (13.5X25.5X3-MM THK)						
	9	1	9X-6458	1	WASHER-HARD (10.2X22.5X3-MM THK)						



FRONT VIEW

GRAPHIC #1

<END>

g01125633

BASIC ENGINE

119-8582 PAN GP-OIL-ENGINE OIL

S/N: EHX1-UP

PART OF 212-2737, 212-2744, 271-2219, 271-2220 ENGINE AR-COMPLETE
ALSO AN ATTACHMENT

SMCS-1302

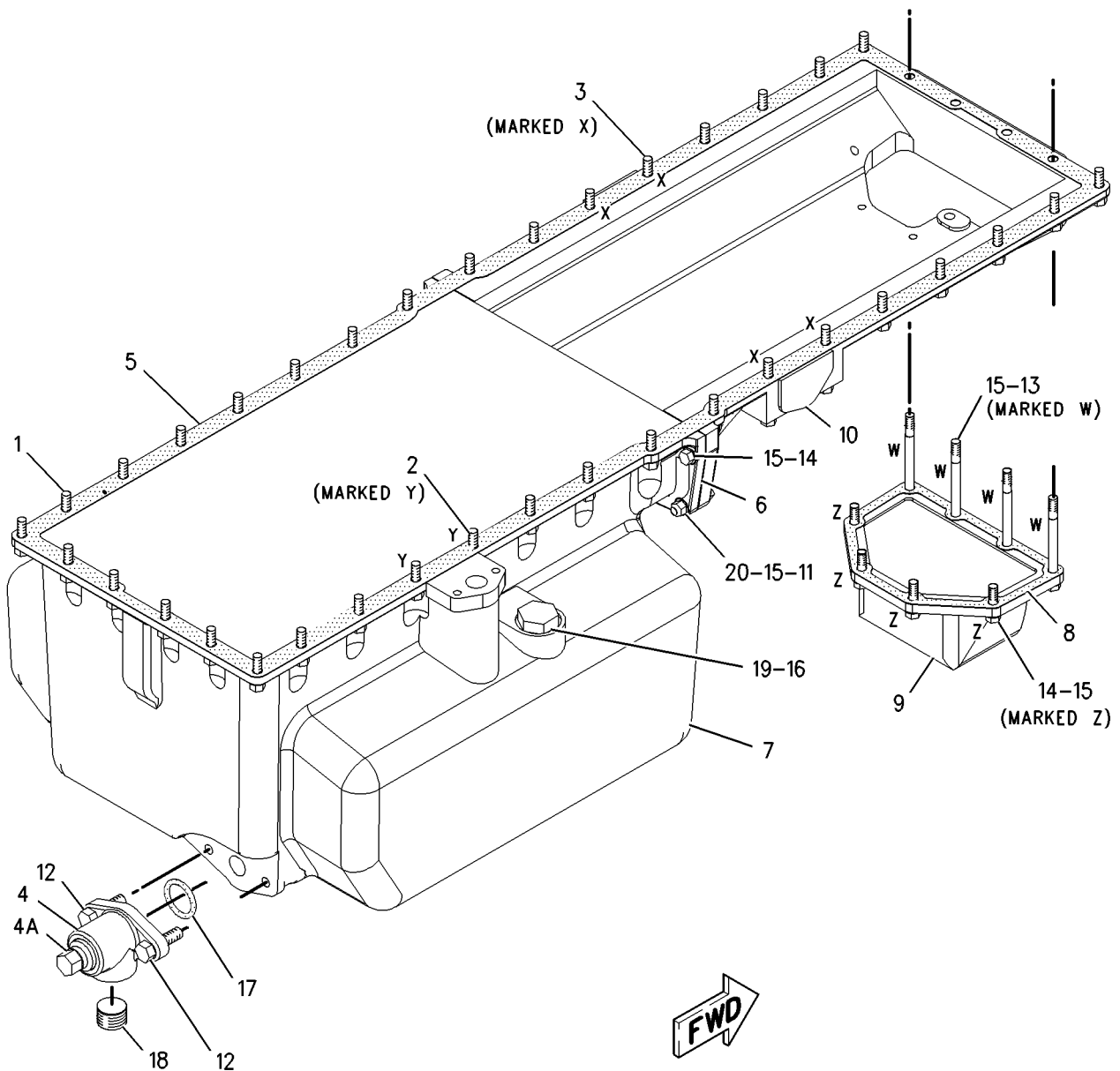
i02752948

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2P-3203	30	BOLT-WASHER HEAD (3/8-16X1.25-IN)						
	2	1	2P-3204	2	BOLT-WASHER HEAD (MARKED Y)						
	3	1	2P-3209	4	BOLT-WASHER HEAD (MARKED X)						
	4	1	4P-0519	1	ADAPTER AS-DRAIN						
	4A	1	109-5839	1	PLUG-DRAIN (ENGINE OIL PAN)						
	5	1	4N-1151	1	GASKET						
	6	1	6N-2469	1	GASKET-OIL PAN						
	7	1	7N-9802	1	PAN-FRONT OIL						
	8	1	8N-0422	1	GASKET						
	9	1	8N-0423	1	PAN-OIL						
	10	1	113-4323	1	PAN-OIL						
	11	1	0S-1571	6	BOLT (3/8-16X1.75-IN)						
	12	1	0S-1587	2	BOLT (1/2-13X1.75-IN)						
	13	1	0T-0055	4	BOLT (3/8-16X4.25-IN) (MARKED W)						
	14	1	3B-1915	6	BOLT (3/8-16X1.375-IN) (MARKED Z)						
	15	1	5M-2894	22	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	16	1	5P-7701	1	SEAL-O-RING						
	17	1	6V-3830	1	SEAL-O-RING						
	18	1	8T-6761	1	PLUG-PIPE						
	19	1	9S-4181	1	PLUG-O-RING						
	20	1	9S-8752	6	NUT-FULL (3/8-16-THD)						

BASIC ENGINE

119-8582 PAN GP-OIL (contd.)

i02752948



GRAPHIC #1

<END>

g00757065

BASIC ENGINE

213-4836 PISTON & ROD GP

S/N: EHX1-UP

27 LITER, 18:1 COMPRESSION RATIO

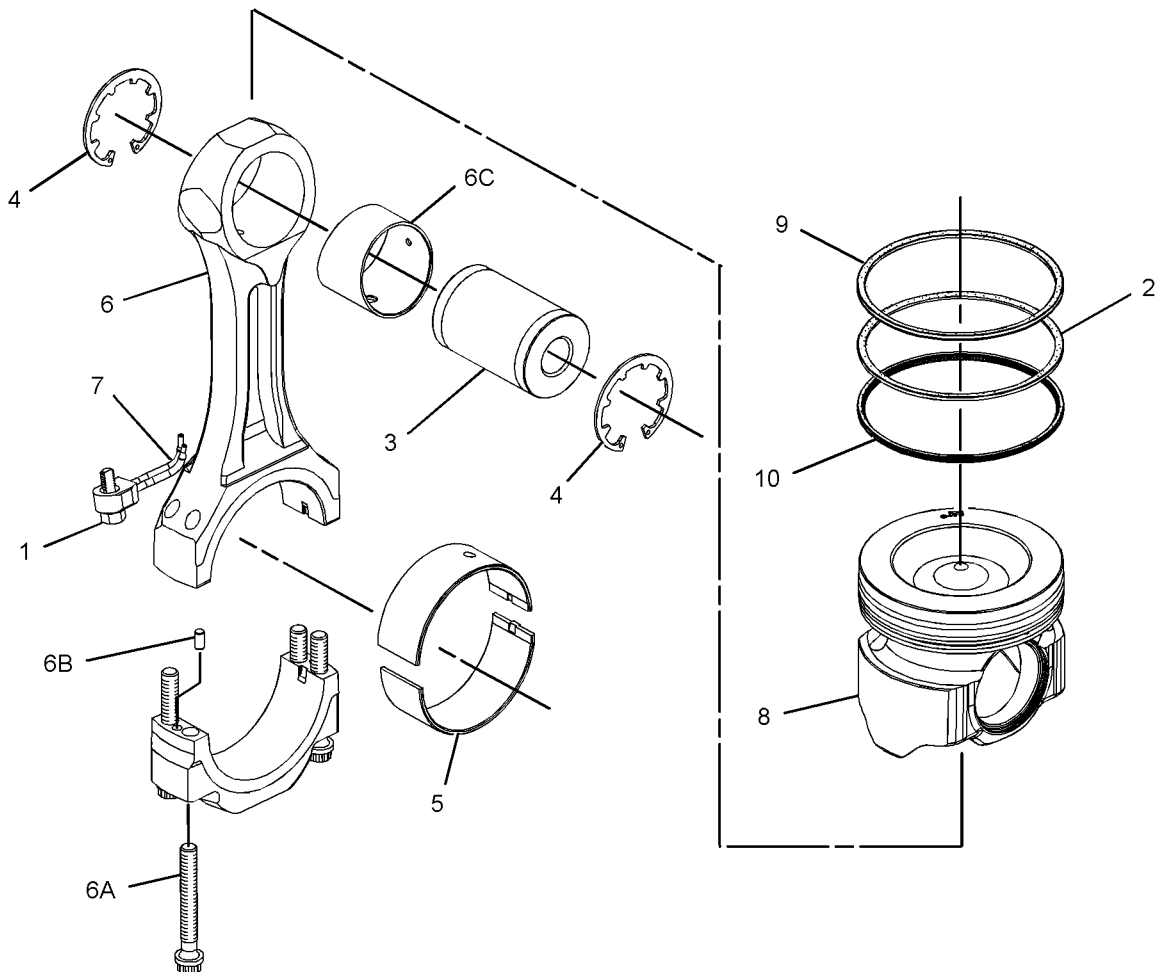
PART OF 260-9527, 261-1507, 276-9586, 276-9587 ENGINE AR-CORE

ALSO AN ATTACHMENT

SMCS-1225

i02506710

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	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						
	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						
	8	1	247-7792	1	BODY AS						
	9	1	247-6130	1	RING-PISTON-TOP						
	10	1	238-0294	1	RING-PISTON-OIL						



GRAPHIC #1

<END>

g01269989

BASIC ENGINE

227-9516 PLUG GP-CYLINDER BLOCK

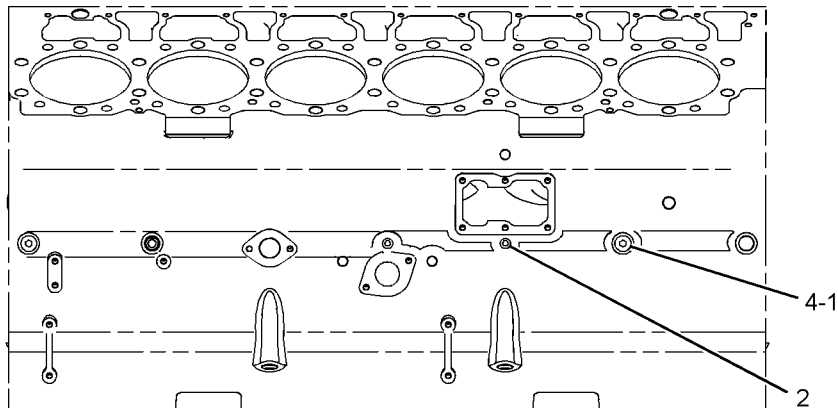
S/N: EHX1-UP

PART OF 212-2737, 212-2744, 271-2219, 271-2220 ENGINE AR-COMPLETE
ALSO AN ATTACHMENT

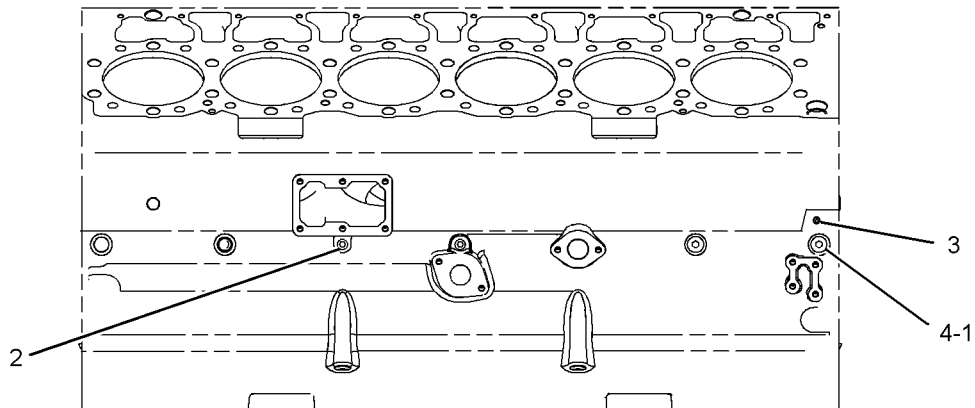
SMCS-1201

i02040805

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



LEFT SIDE VIEW



RIGHT SIDE VIEW

<END>

GRAPHIC #1

g01051079

BASIC ENGINE

227-9516 PLUG GP-CYLINDER BLOCK

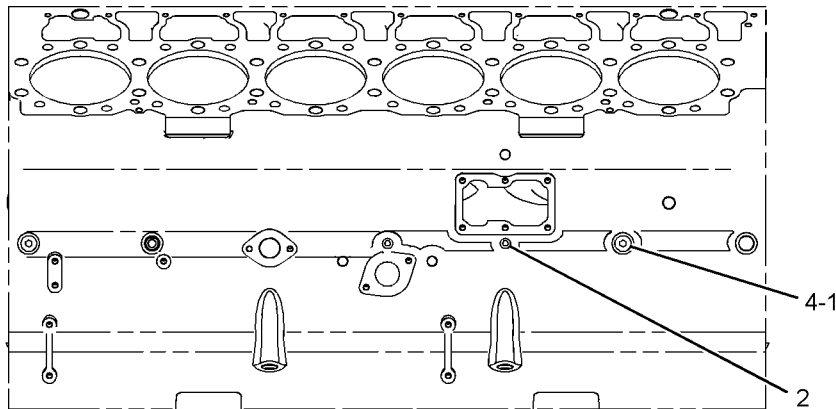
S/N: EHX2581-UP

PART OF 271-2219, 271-2220 ENGINE AR-COMplete
ALSO AN ATTACHMENT

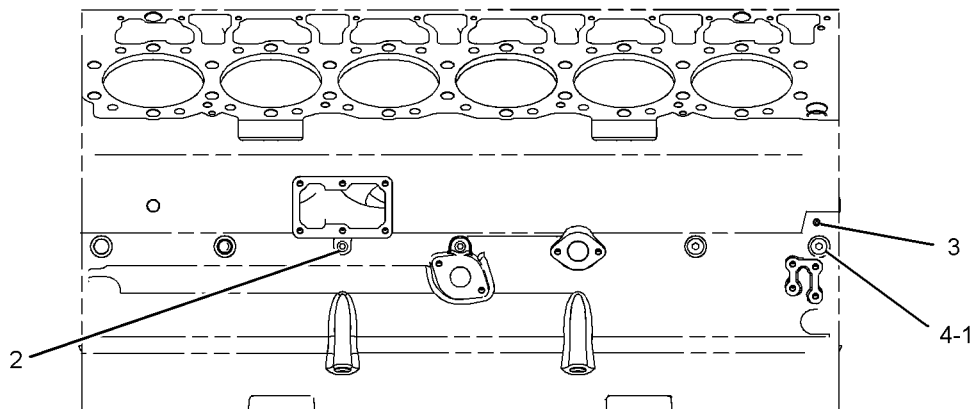
SMCS-1201

i02616325

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



LEFT SIDE VIEW



RIGHT SIDE VIEW

<END>

GRAPHIC #1

g01051079

BASIC ENGINE

223-6407 PLUG GP-CYLINDER HEAD

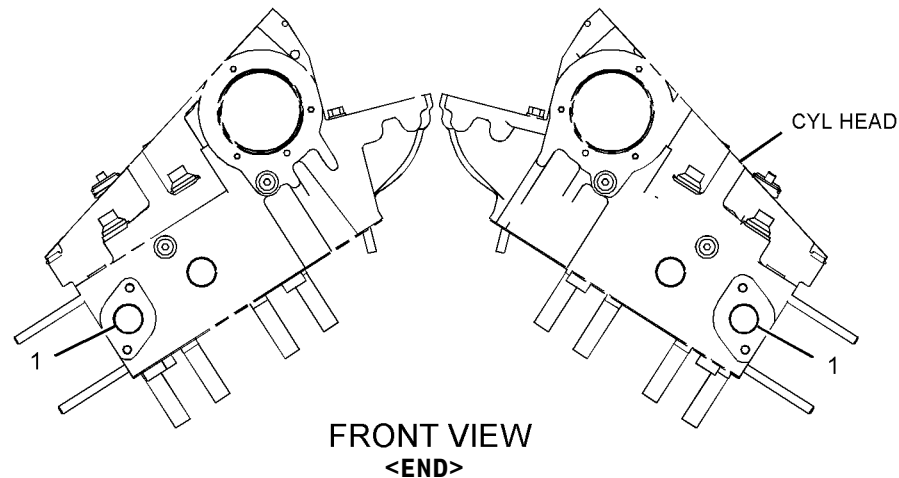
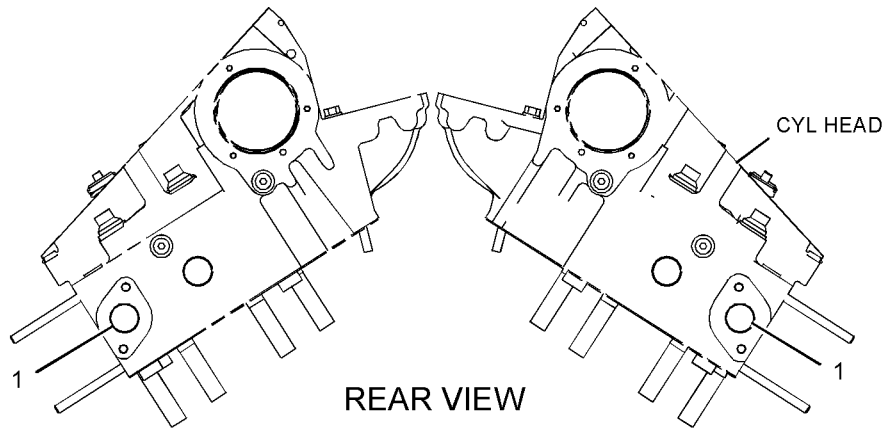
S/N: EHX1-UP

PART OF 212-2737, 212-2744, 271-2219, 271-2220 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1100, 1101

i02040812

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



GRAPHIC #1

g01051070

BASIC ENGINE

212-9648 PULLEY GP-CRANKSHAFT

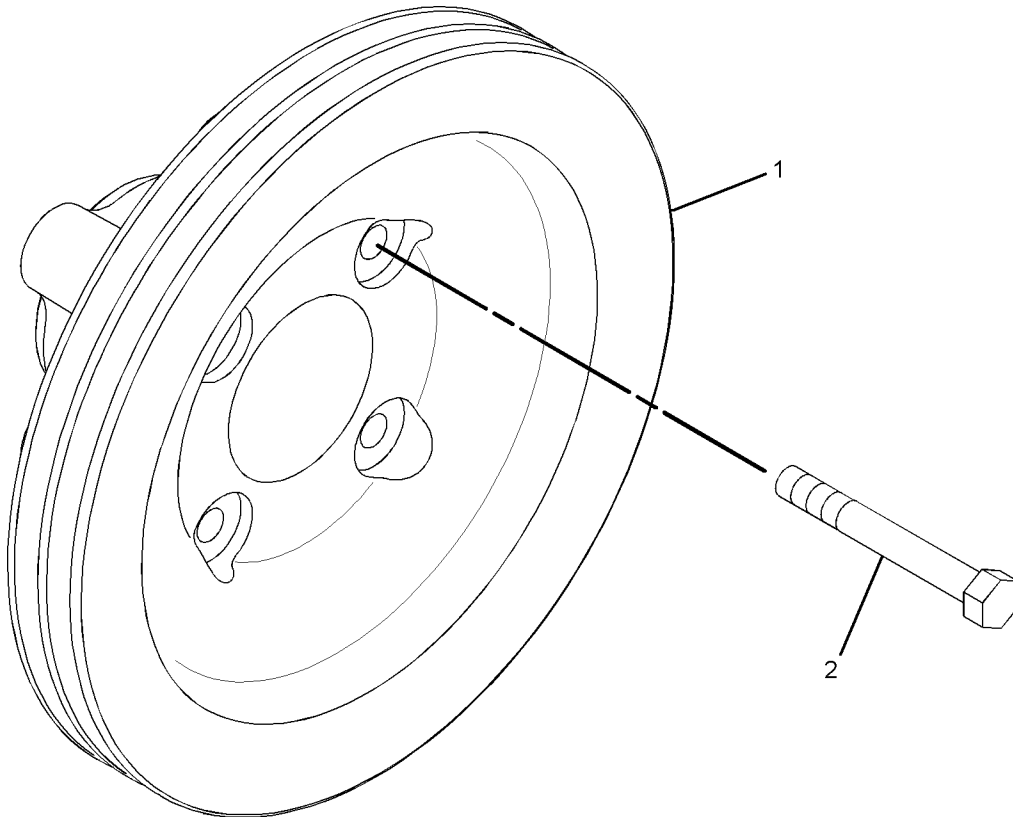
S/N: RJG1-UP

PART OF 212-2745, 267-2900 INSTALLATION AR-ENGINE

SMCS-1205

i03470302

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	213-6922	1	PULLEY (2-GROOVE)						
	2	1	6V-4432	4	BOLT (1/2-13X4-IN)						



GRAPHIC #1

<END>

g01052656

BASIC ENGINE

243-2468 ROCKER ARM GP

S/N: EHX1-2688

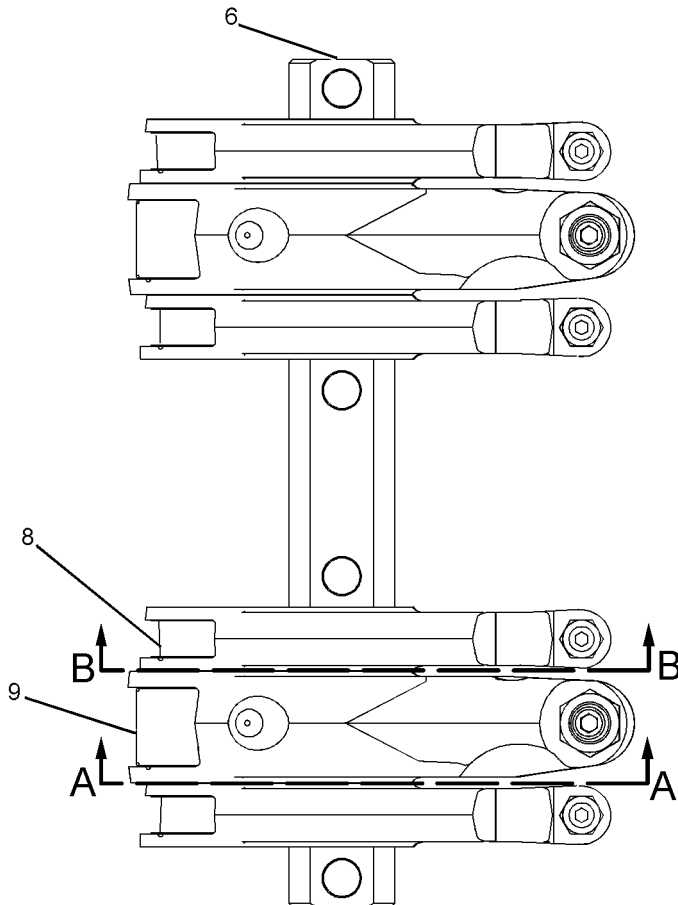
PART OF 260-9631 MECHANISM GP-FUEL PUMP & VALVE
ALSO AN ATTACHMENT

SMCS-1123

i02659852

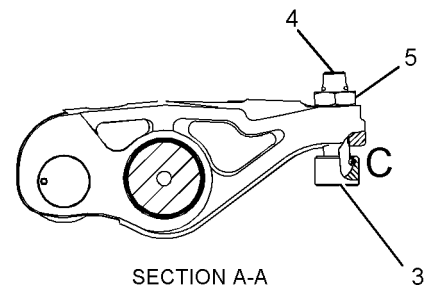
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9L-7712	4	NUT (3/8-24-THD)						
	2	1	104-9270	4	BUTTON						
	3	1	192-4151	2	BUTTON						
	4	1	196-5069	2	SCREW-ARM ADJUSTMENT						
	5	1	196-5070	2	NUT-JAM (9/16-18-THD)						
	6	1	223-1127	1	SHAFT AS (ROCKER ARM)						
		1	4B-9782	2	BALL						
	7	1	232-0253	4	SCREW-ARM ADJUSTMENT						
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-REMFG PART MAY BE AVAILABLE

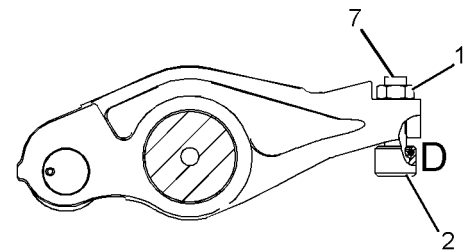


GRAPHIC #1

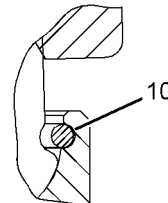
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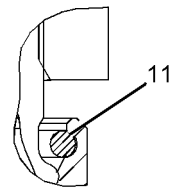
SECTION A-A



SECTION B-B



VIEW OF AREA C



VIEW OF AREA D

g01051161

BASIC ENGINE

280-8043 ROCKER ARM GP

S/N: EHX2689-UP

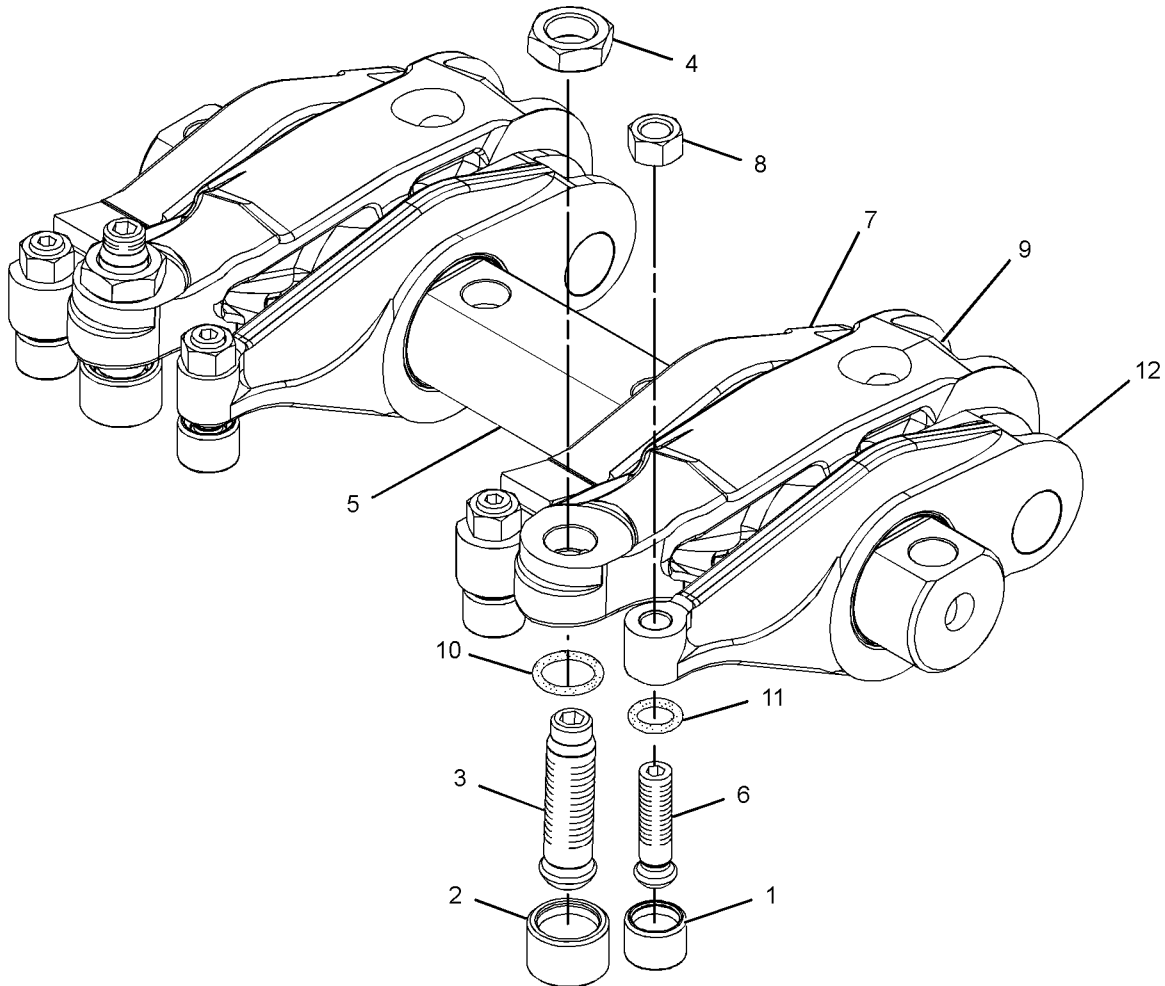
PART OF 260-9631 MECHANISM GP-FUEL PUMP & VALVE
ALSO AN ATTACHMENT

SMCS-1123

i02637001

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	258-8721	4	BUTTON						
	2	1	192-4151	2	BUTTON						
	3	1	196-5069	2	SCREW-ARM ADJUSTMENT						
	4	1	196-5070	2	NUT-JAM (9/16-18-THD)						
	5	1	223-1127	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	203-8824	2	ROCKER ARM AS						

R-REMFG PART MAY BE AVAILABLE



GRAPHIC #1

<END>

g01322874

BASIC ENGINE

301-5349 ROCKER ARM GP

S/N: EHX2689-UP

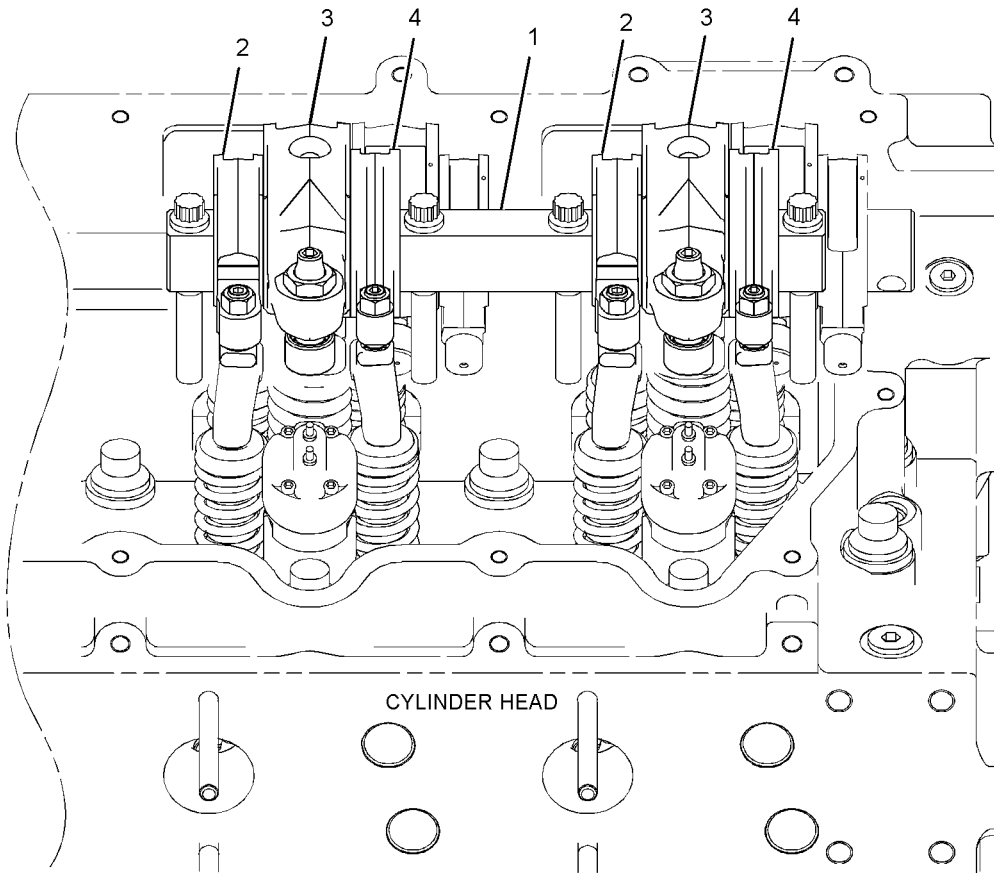
PART OF 260-9631 MECHANISM GP-FUEL PUMP & VALVE
ALSO AN ATTACHMENT

SMCS-1123

i03100848

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	313-4085	1	SHAFT AS-ROCKER ARM						
		1	4B-9782	2	BALL						
Y	2	1	301-5350	2	ROCKER ARM GP (EXHAUST)						94
Y	3	1	301-5352	2	ROCKER ARM GP (UNIT INJECTOR)						95
Y	4	1	301-5354	2	ROCKER ARM GP (INTAKE)						96

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01340078

BASIC ENGINE

301-5350 ROCKER ARM GP

S/N: EHX2689-UP

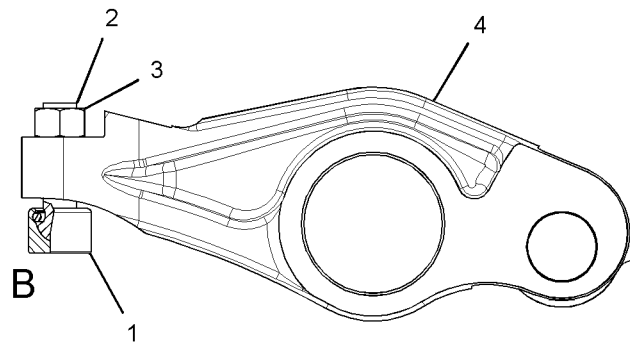
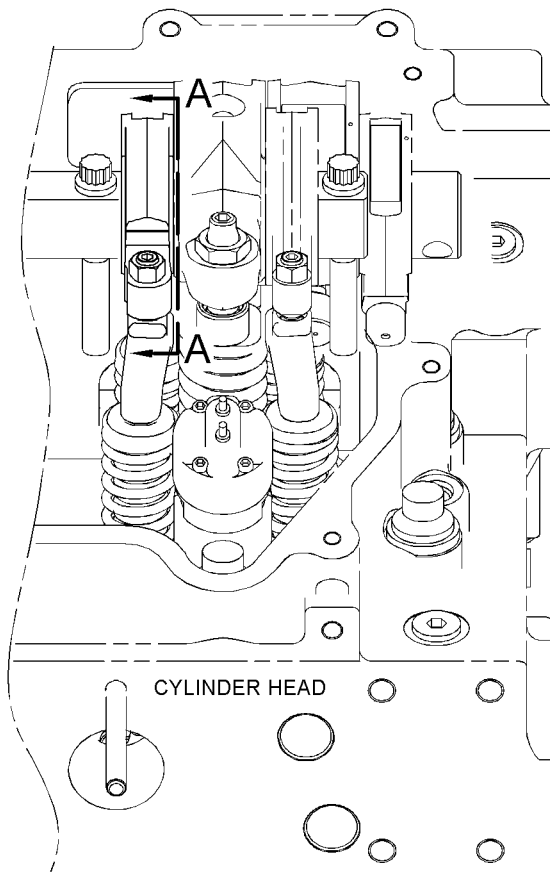
PART OF 301-5349 ROCKER ARM GP
ALSO AN ATTACHMENT

SMCS-1123

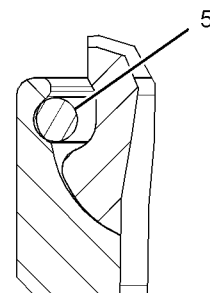
i02662955

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



VIEW A-A



VIEW OF AREA B

GRAPHIC #1

<END>

g01340076

BASIC ENGINE

301-5352 ROCKER ARM GP

S/N: EHX2689-UP

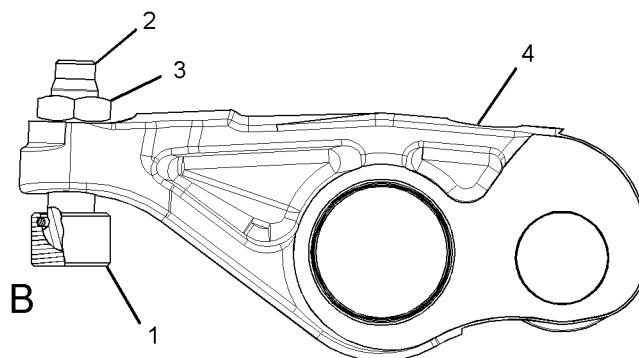
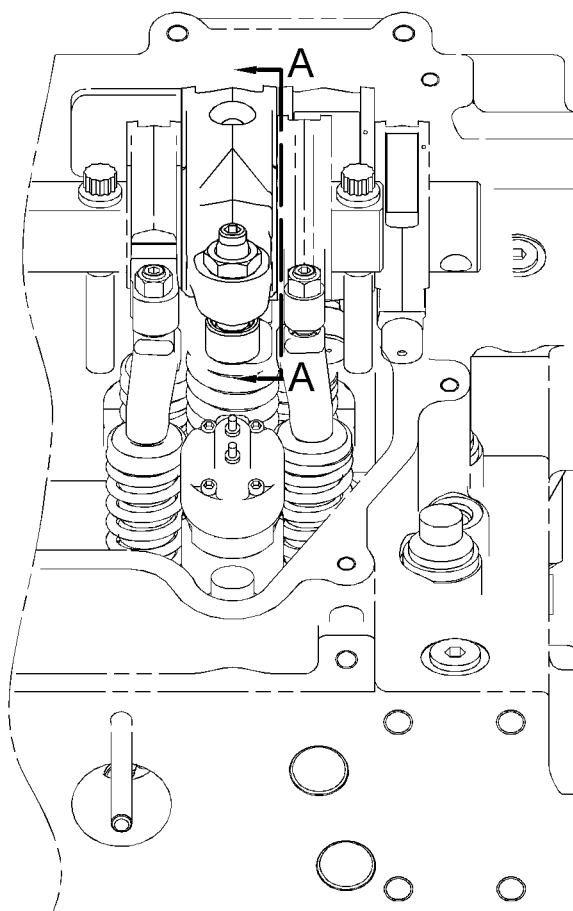
PART OF 301-5349, 320-2793 ROCKER ARM GP
ALSO AN ATTACHMENT

SMCS-1123

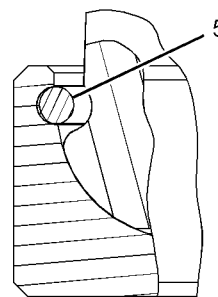
i02730627

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	192-4151	1	BUTTON						
	2	1	196-5069	1	SCREW-ARM ADJUSTMENT						
	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-REMFG PART MAY BE AVAILABLE



VIEW A-A



VIEW OF AREA B

GRAPHIC #1

<END>

g01340074

BASIC ENGINE

301-5354 ROCKER ARM GP

S/N: EHX2689-UP

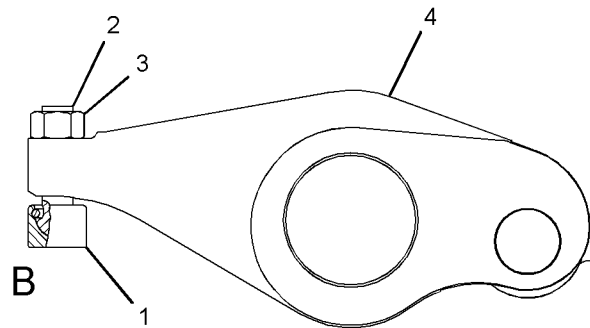
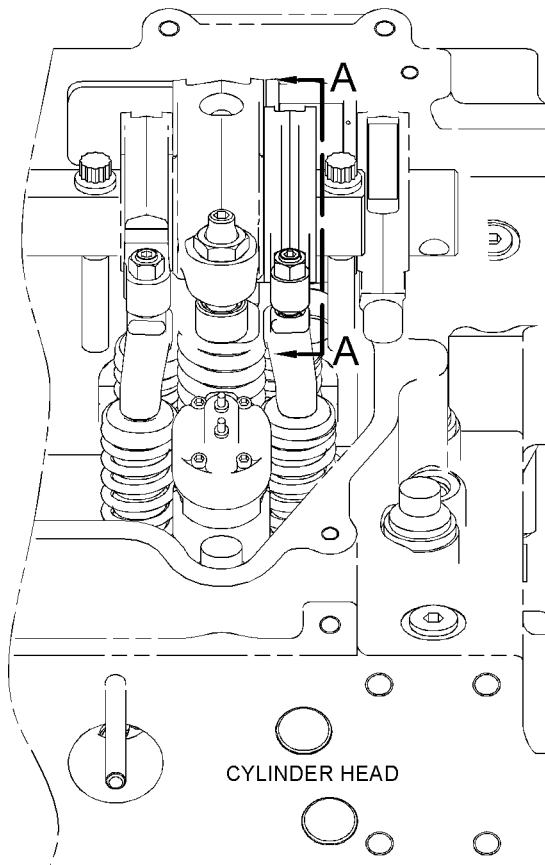
PART OF 301-5349 ROCKER ARM GP
ALSO AN ATTACHMENT

SMCS-1123

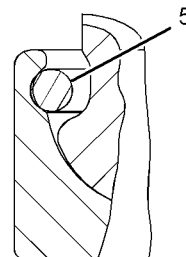
i02662992

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



VIEW A-A



VIEW OF AREA B

GRAPHIC #1

<END>

g01340052

BASIC ENGINE

320-2793 ROCKER ARM GP

S/N: EHX3317-UP

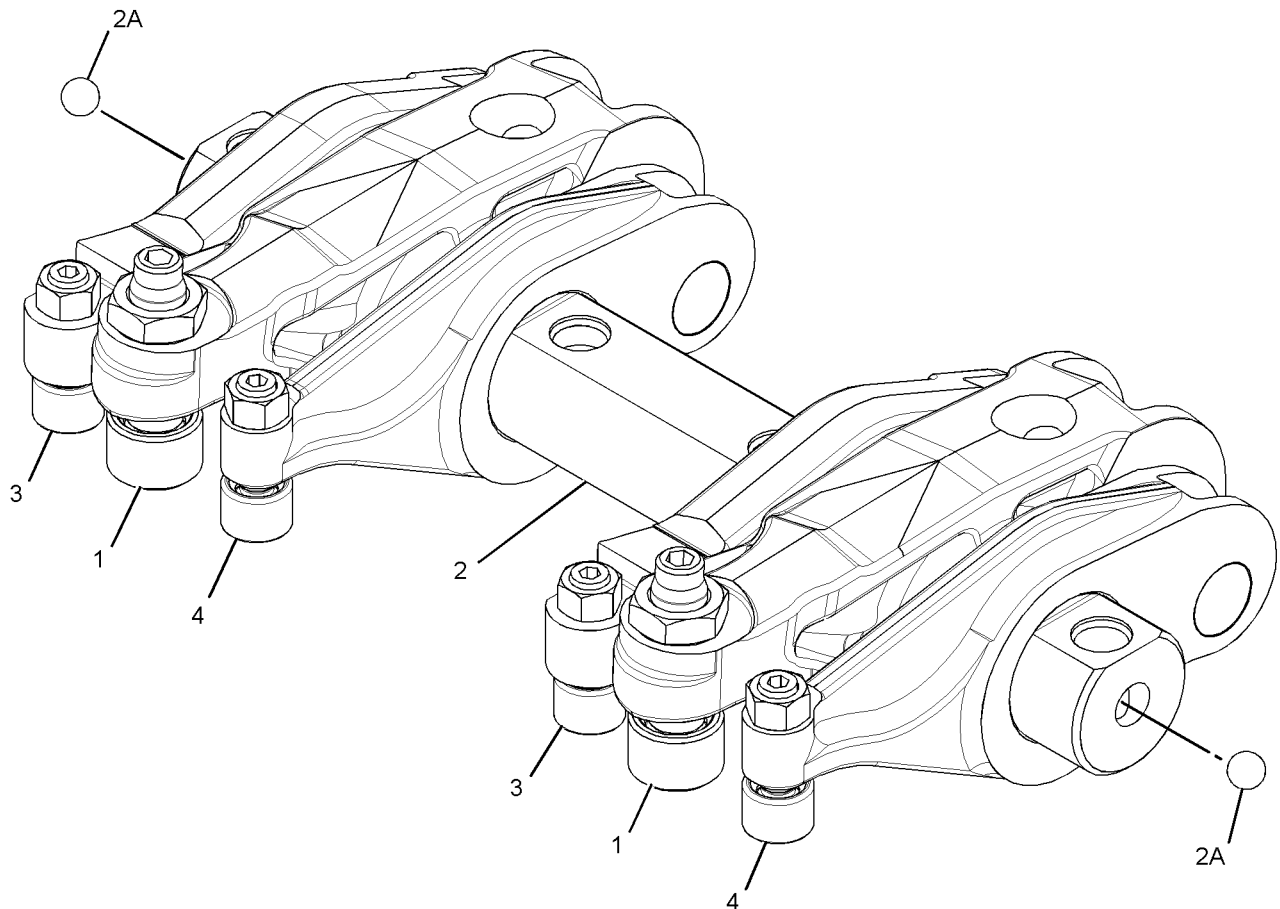
PART OF 260-9631 MECHANISM GP-FUEL PUMP & VALVE
ALSO AN ATTACHMENT

SMCS-1123

i03008808

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	301-5352	2	ROCKER ARM GP (UNIT INJECTOR)	95
	2	1	313-4085	1	SHAFT AS-ROCKER ARM	
	2A	1	4B-9782	2	BALL	
Y	3	1	320-2794	2	ROCKER ARM GP	98
Y	4	1	320-2796	2	ROCKER ARM GP	99

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01533693

BASIC ENGINE

320-2794 ROCKER ARM GP

S/N: EHX3317-UP

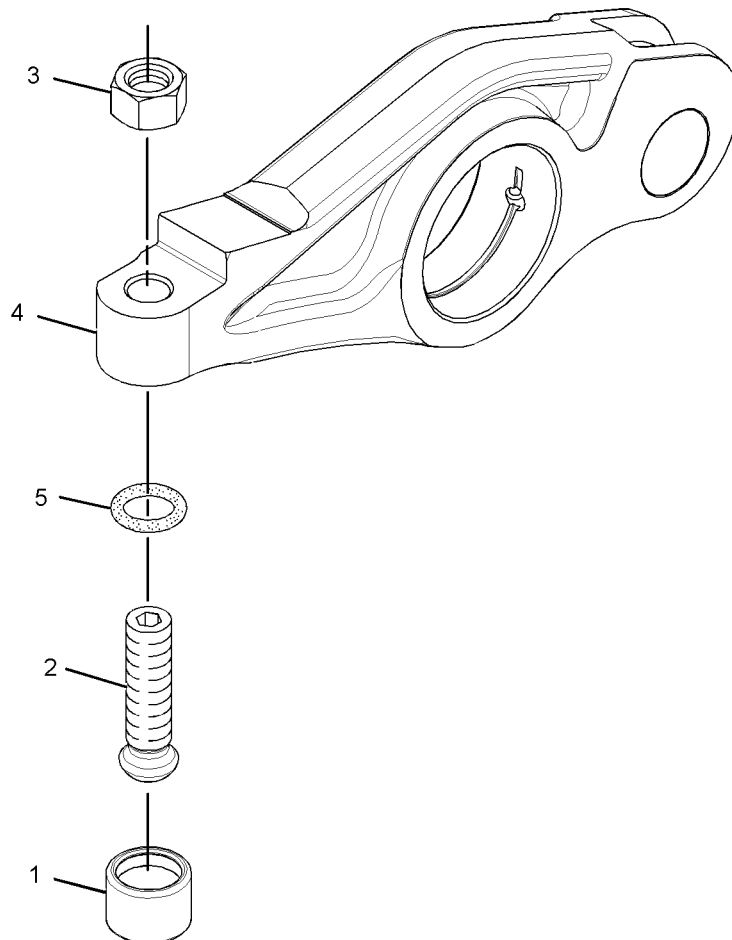
PART OF 320-2793 ROCKER ARM GP
ALSO AN ATTACHMENT

SMCS-1123

i03008823

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



GRAPHIC #1

<END>

g01533674

BASIC ENGINE

320-2796 ROCKER ARM GP

S/N: EHX3317-UP

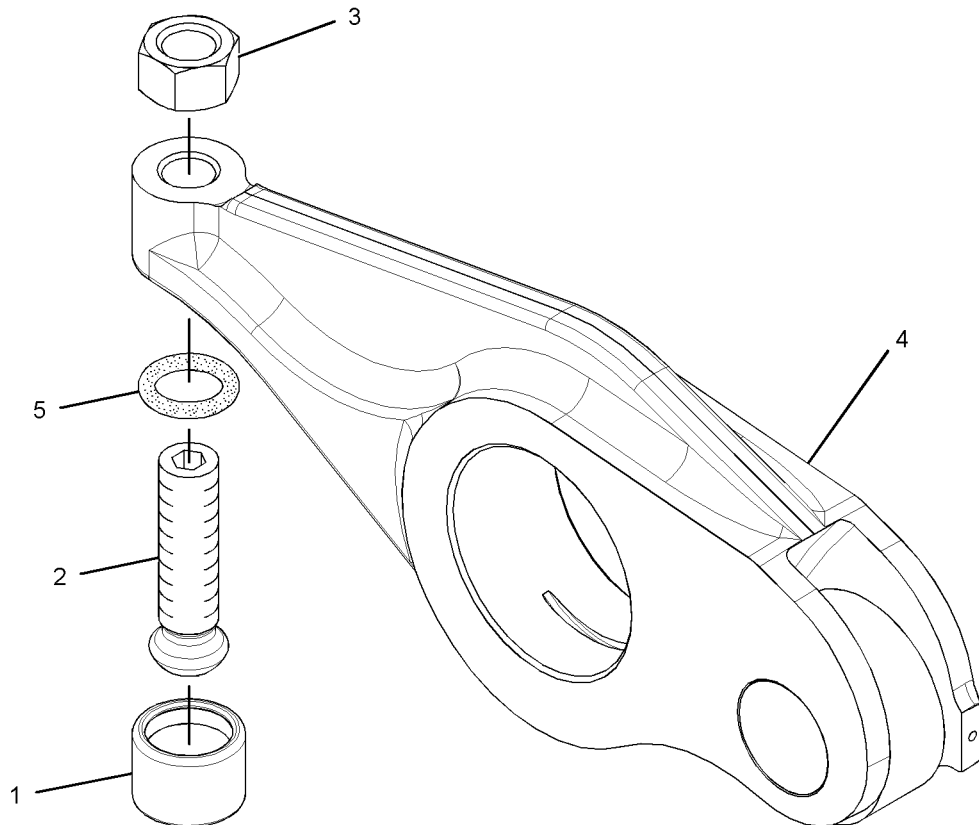
PART OF 320-2793 ROCKER ARM GP
ALSO AN ATTACHMENT

SMCS-1123

i03008827

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



GRAPHIC #1

<END>

g01526902

BASIC ENGINE

319-0785 SEAL GP-CRANKSHAFT

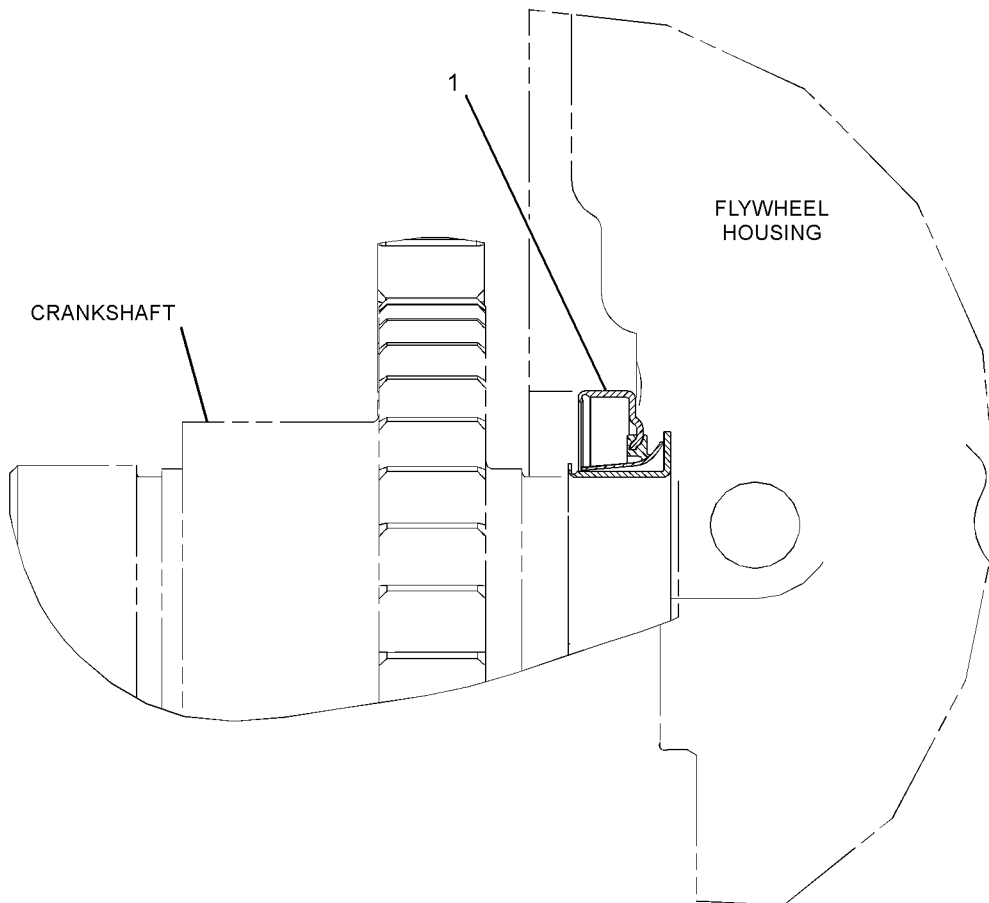
S/N: EHX1-UP

PART OF 226-0297 HOUSING GP-FLYWHEEL
FOR USE WITH CCW ROTATION, REAR
ALSO AN ATTACHMENT

SMCS-1160, 1161

i02958100

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	142-5868	1	SEAL-CRANKSHAFT (REAR)						



RIGHT SIDE VIEW OF ENGINE

GRAPHIC #1

<END>

g01496733

BASIC ENGINE

319-7401 SEAL GP-CRANKSHAFT

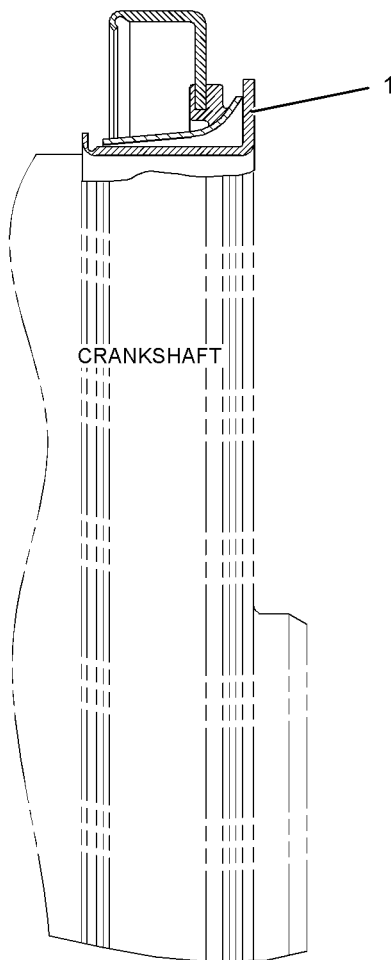
S/N: EHX1-UP

PART OF 225-6052 CRANKSHAFT GP
ALSO AN ATTACHMENT

SMCS-1160, 1161

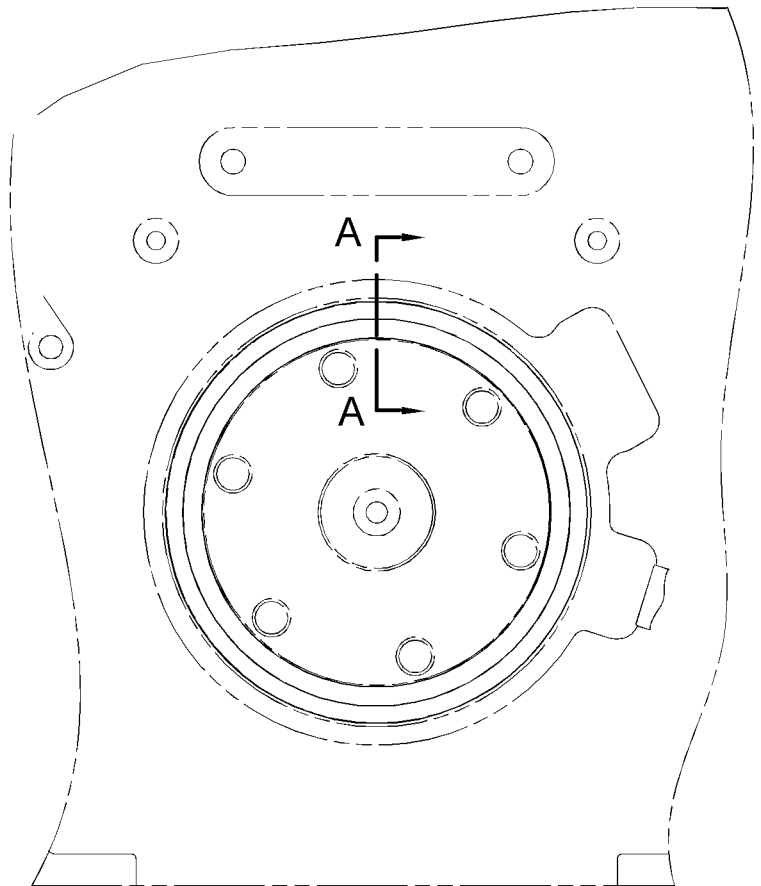
i02957871

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



SECTION A-A

GRAPHIC #1



FRONT VIEW OF ENGINE

<END>

g01516169

BASIC ENGINE

4P-5544 SUPPORT GP-ENGINE

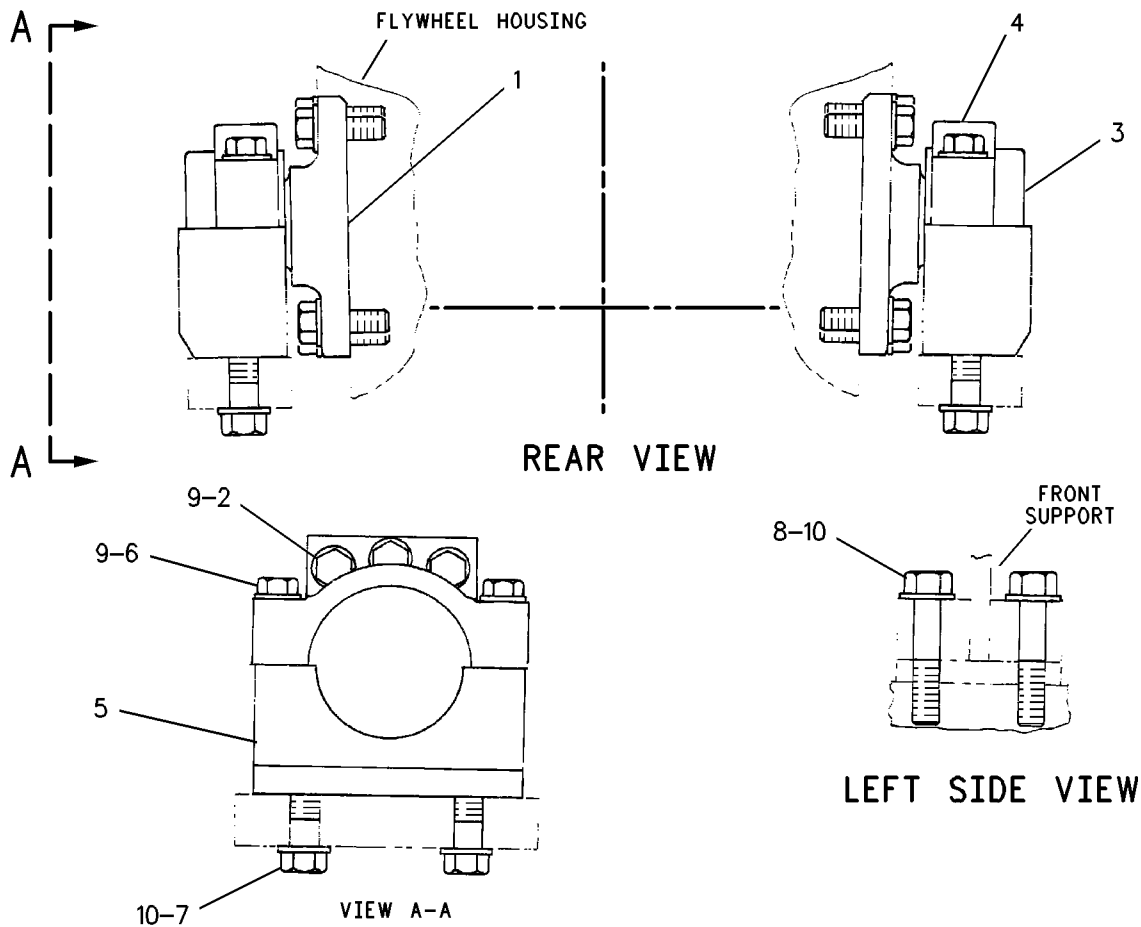
S/N: RJG1-UP

PART OF 212-2745, 267-2900 INSTALLATION AR-ENGINE

SMCS-1152, 1153, 1154

i01740006

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6N-3897	2	SUPPORT-ENGINE						
	2	1	2A-1538	12	BOLT (3/4-10X2.25 IN)						
	3	1	6Y-2090	2	MOUNT AS						
	4	1	6N-3896	2	CAP						
	5	1	4P-5546	2	SUPPORT						
	6	1	3B-2968	4	BOLT (3/4-10X3.5 IN)						
	7	1	1D-4627	4	BOLT (7/8-9X3 IN)						
	8	1	1D-4631	4	BOLT (7/8-9X4.25 IN)						
	9	1	5P-8248	16	WASHER-HARD (20X36.5X3.5MM THK)						
	10	1	5P-8249	8	WASHER-HARD (24X41.5X4MM THK)						



GRAPHIC #1

<END>

g00234594

BASIC ENGINE

6N-1378 SUPPORT GP-ENGINE-FRONT

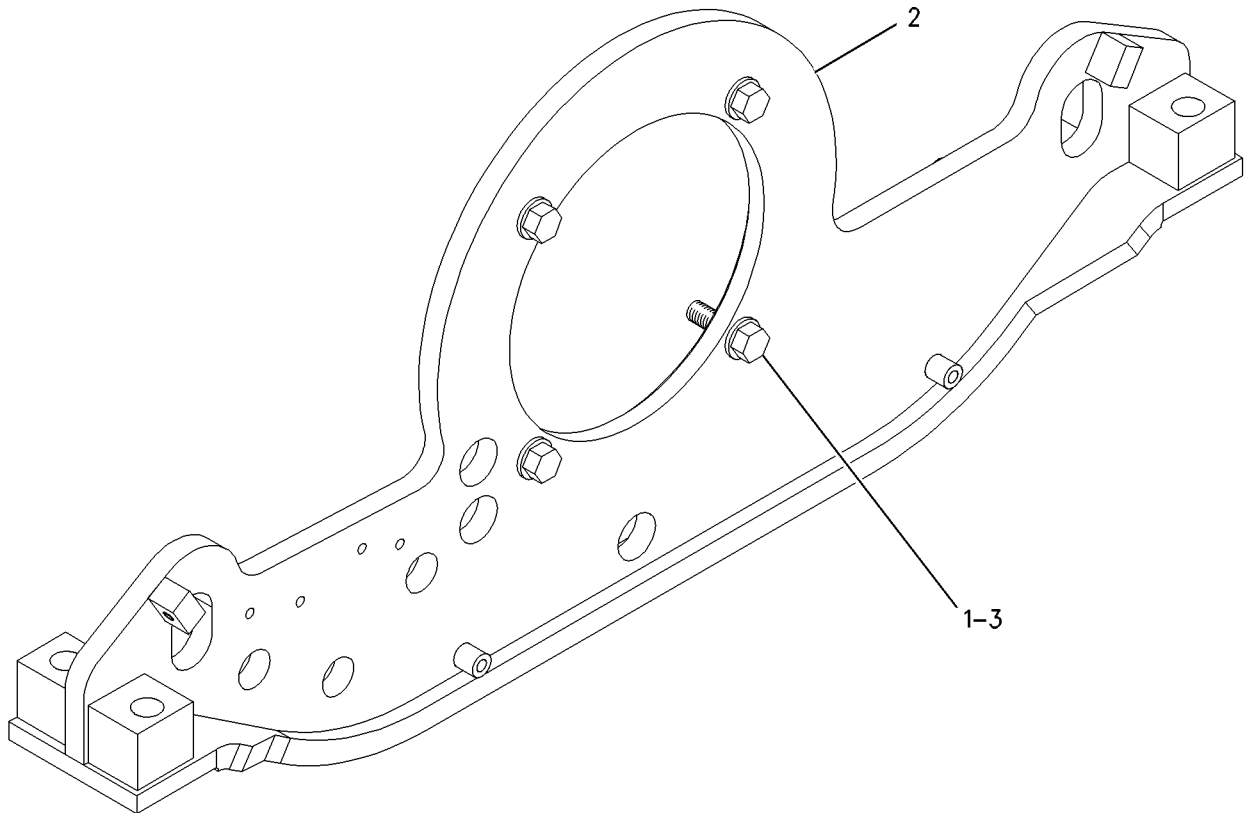
S/N: EHX2581-UP

PART OF 271-2219, 271-2220 ENGINE AR-COMPLETE
ALSO AN ATTACHMENT

SMCS-1152, 1153, 1154

i02209567

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1A-1135	4	BOLT (5/8-11X2-IN)						
C	2	1	248-4820	1	SUPPORT AS						
C	3	1	092-9012	4	SPACER (17X32X9-MM THK)						
C-CHANGE FROM PREVIOUS TYPE											



GRAPHIC #1

<END>

g00674296

BASIC ENGINE

248-4821 SUPPORT GP-ENGINE

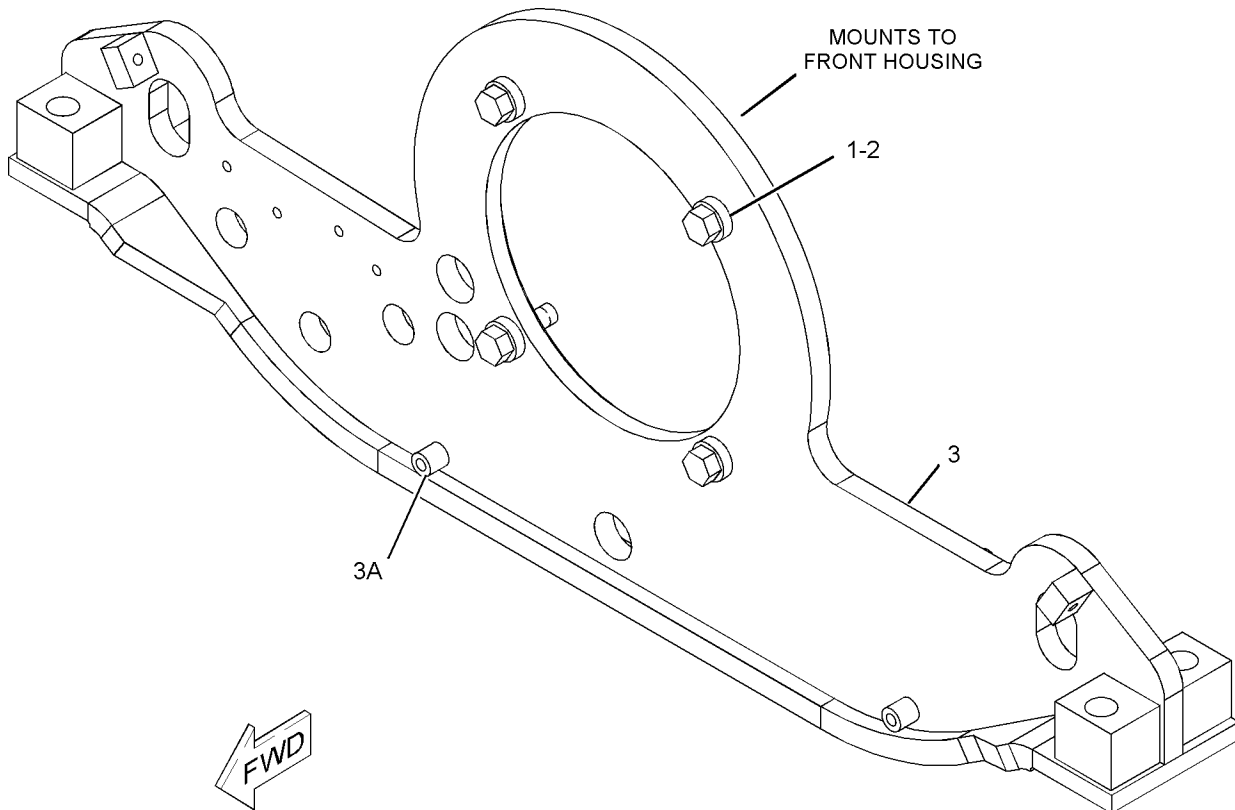
S/N: EHX1-UP

PART OF 212-2737, 212-2744 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1152, 1153, 1154

i02044893

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1A-1135	4	BOLT (5/8-11X2-IN)						
	2	1	092-9012	4	SPACER (17X32X9-MM THK)						
	3	1	248-4820	1	SUPPORT AS (ENGINE)						
	3A	1	8F-9836	3	BOSS (3/8-16-THD)						



GRAPHIC #1

<END>

g01051825

BASIC ENGINE

212-2739 SUPPRESSION AR-SOUND-EAME

S/N: RJG1-UP

CANNOT BE USED WITH GUARD AR, COLD WEATHER AR, IDLER GUARD AR, IDLER GUARD GP, FINAL DRIVE GUARD GP, WASTE HANDLING AR, TURBINE PRECLEANER AR, ENGINE ENCLOSURE GP, STOCKPILE AR, BOTTOM GUARD GP
AN ATTACHMENT

SMCS-1801

i02613395

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	216-2909	1	ENCLOSURE GP-ENGINE						654
Y	271-2220	1	ENGINE AR-COMPLETE						21
Y	278-1829	1	GUARD GP-BOTTOM						685
Y	198-7309	4	IDLER GP-FRONT						737
Y	226-2856	1	SEAL GP-WASTE HANDLING						713
Y	278-2351	2	SEGMENT GP-SPROCKET						609

Y-SEPARATE ILLUSTRATION

<END>

257-5846 SUPPRESSION AR-SOUND-EUROPEAN MARKET

S/N: RJG1-UP

CANNOT BE USED WITH CARRIER ROLLER
AN ATTACHMENT

SMCS-1801

i02569085

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	212-2737	1	ENGINE AR-COMPLETE						17
			-OR-						
Y	271-2220	1	ENGINE AR-COMPLETE						21

Y-SEPARATE ILLUSTRATION

<END>

BASIC ENGINE

7N-1346 TRUNNION GP-ENGINE

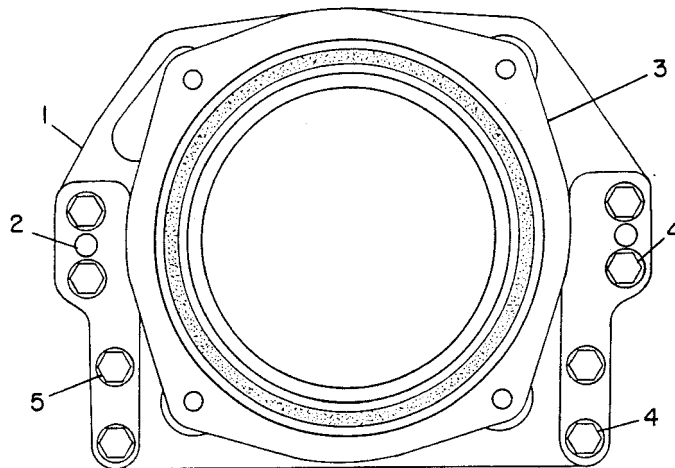
S/N: EHX1-UP

PART OF 212-2737, 212-2744, 271-2219, 271-2220 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1153

i00581402

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	1	1	1W-3014	1	ADAPTER AS						
	2	1	4N-0683	2	DOWEL						
	3	1	7N-1210	1	MOUNT AS (RESILIENT)						
C	4	1	0S-1573	6	BOLT (1/2-13X4IN)						
C	5	1	1D-4569	2	BOLT (1/2-13X4.25IN)						
C-CHANGE FROM PREVIOUS TYPE											



GRAPHIC #1

<END>

g00182241

LUBRICATION SYSTEM

231-9330 BREATHER GP-CRANKCASE

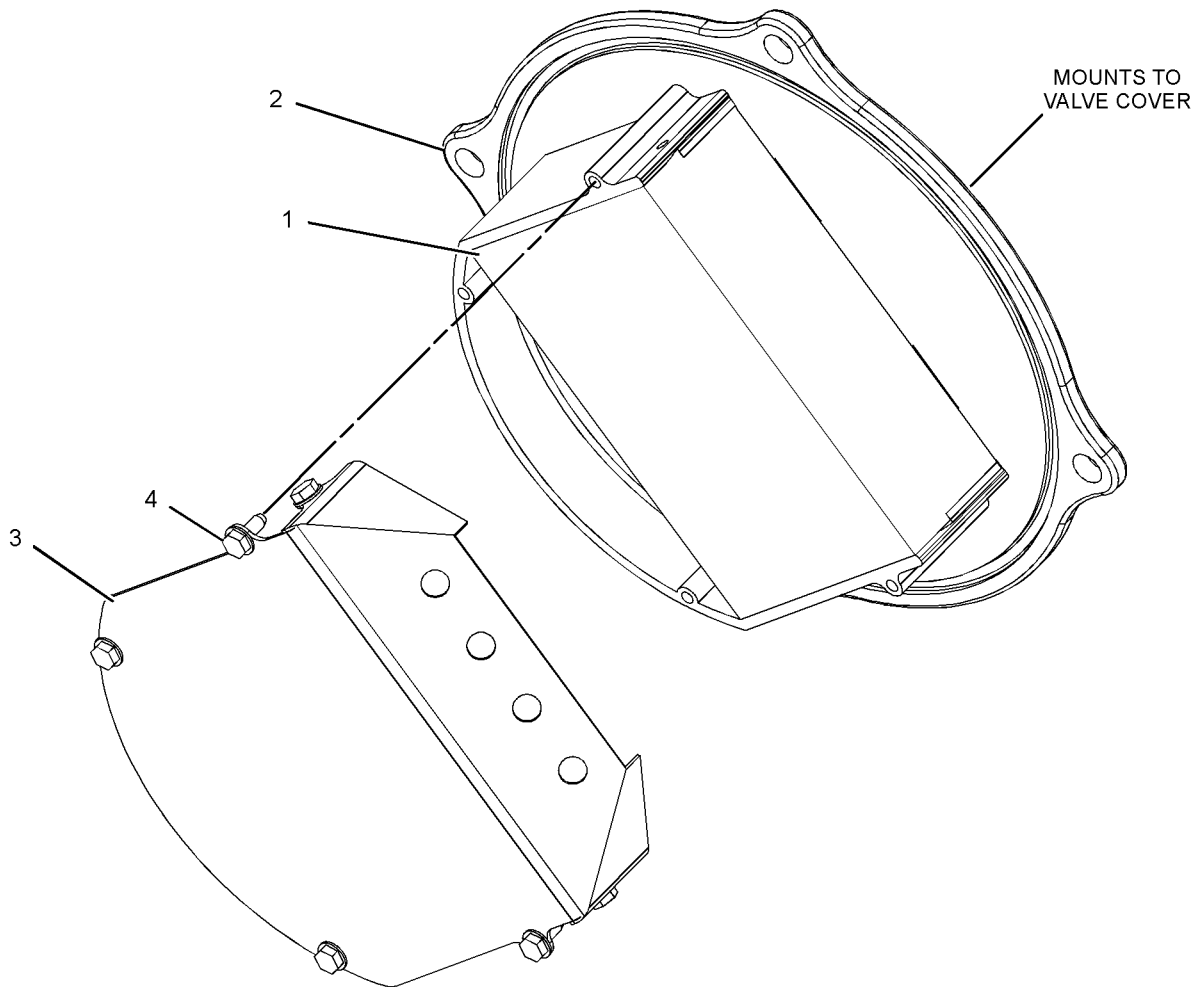
S/N: EHX1-UP

PART OF 230-4156 COVER GP-REAR HOUSING
ALSO AN ATTACHMENT

SMCS-1317

i03079440

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	238-9204	1	FILTER ELEMENT-BREATHER (CRANKCASE)						
	2	1	238-9205	1	BASE (BREATHER)						
	3	1	238-9206	1	PLATE-BREATHER						
	4	1	030-9612	6	SCREW-FORMING (10-24X0.5-IN)						



GRAPHIC #1

<END>

g01454401

LUBRICATION SYSTEM

4N-2481 FASTENER GP-OIL PUMP MOUNTING-ENGINE

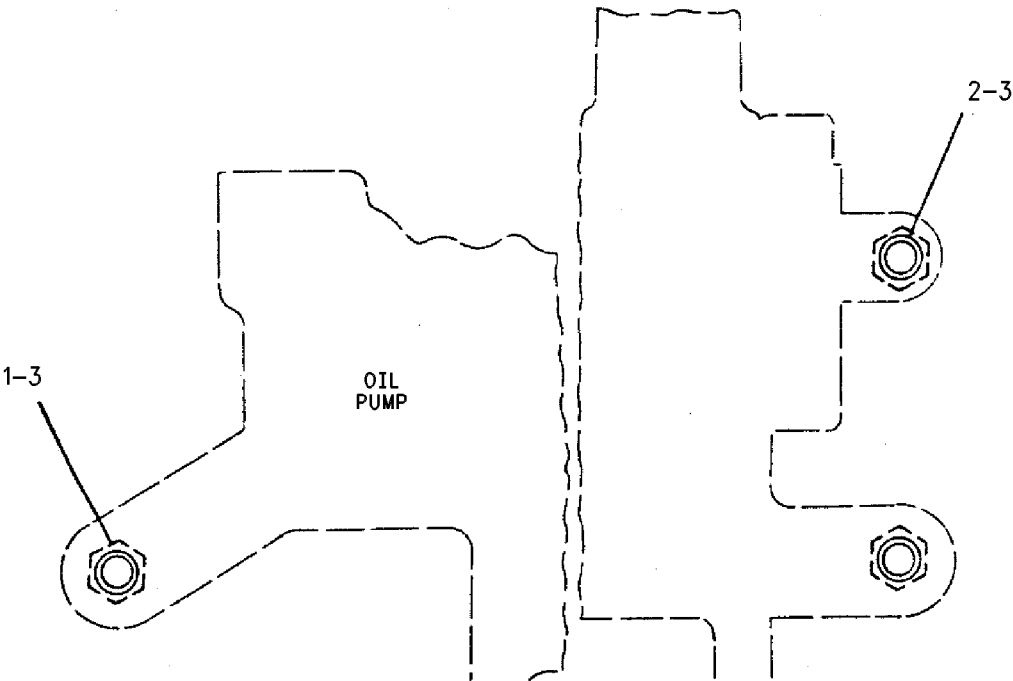
S/N: EHX1-UP

PART OF 260-9527, 261-1507, 276-9586, 276-9587 ENGINE AR-CORE
ALSO AN ATTACHMENT

SMCS-1304

i02728826

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	0L-1143	2	BOLT (3/8-16X2.5-IN)						
	2	1	0S-1590	1	BOLT (3/8-16X2-IN)						
	3	1	5M-2894	3	WASHER-HARD (10.2X18.5X2.5-MM THK)						



GRAPHIC #1

<END>

g00604525

LUBRICATION SYSTEM

216-0820 FILLER GP-ENGINE OIL

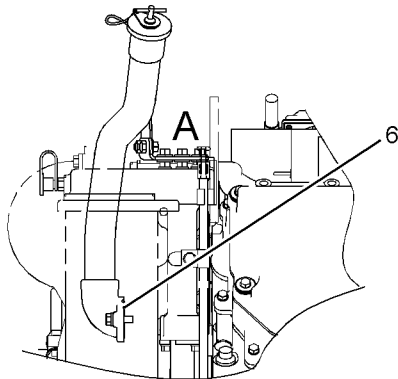
S/N: EHX1-2580

PART OF 212-2737, 212-2744 ENGINE AR-COMplete
ALSO AN ATTACHMENT

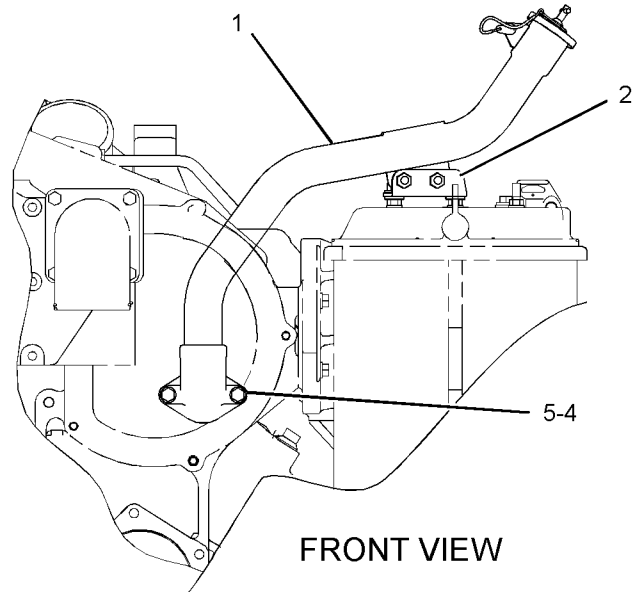
SMCS-1316

i02229936

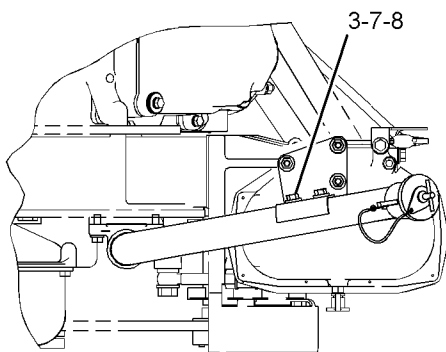
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	260-6616	1	TUBE AS						
	2	1	217-6663	1	BRACKET AS						
		1	1F-0750	2	NUT-WELD (3/8-16-THD)						
	3	1	1A-2029	2	BOLT (3/8-16X1.125-IN)						
	4	1	0S-1588	2	BOLT (3/8-16X1.25-IN)						
	5	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	6	1	5P-8211	1	SEAL-O-RING						
	7	1	9S-8752	5	NUT-FULL (3/8-16-THD)						
	8	1	9X-6458	10	WASHER-HARD (10.2X22.5X3-MM THK)						



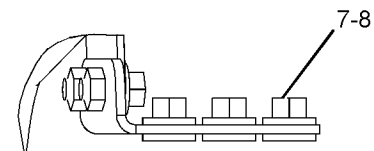
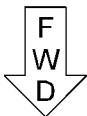
LEFT SIDE VIEW



FRONT VIEW



TOP VIEW



VIEW OF AREA A

GRAPHIC #1

<END>

g01095953

LUBRICATION SYSTEM

281-0202 FILLER GP-ENGINE OIL-ENGINE

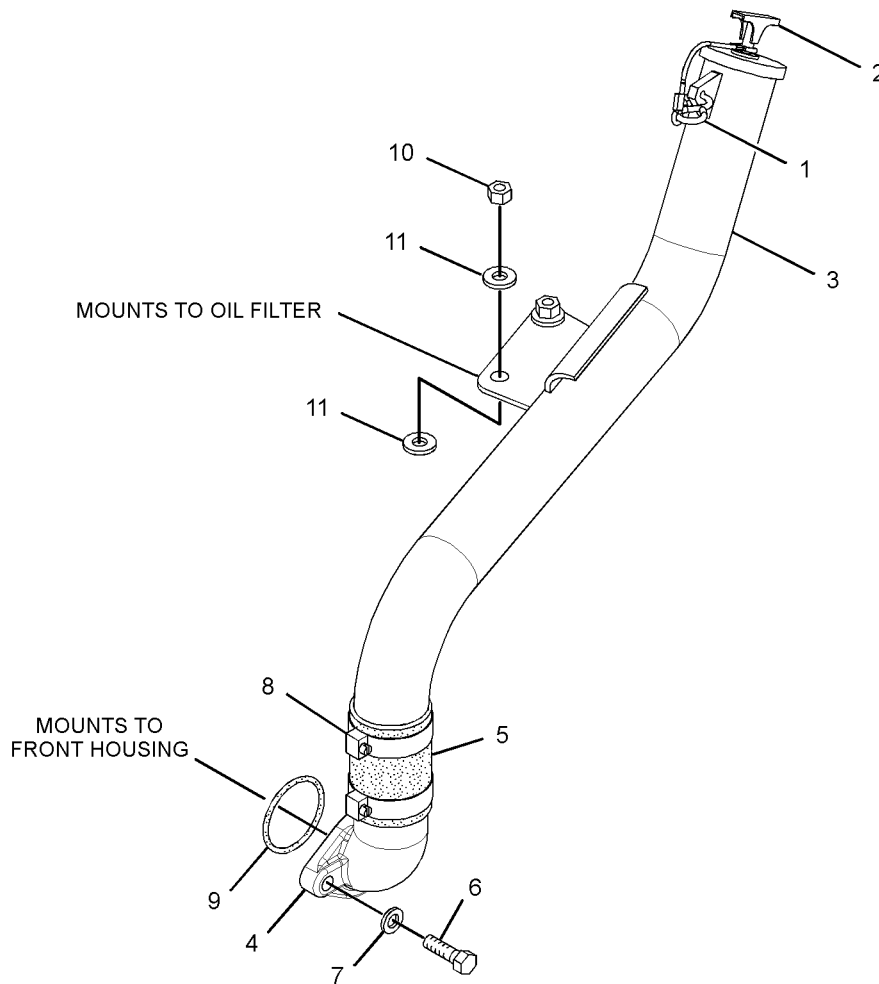
S/N: EHX2581-UP

PART OF 212-2737, 271-2219, 271-2220 ENGINE AR-COMPLETE
ALSO AN ATTACHMENT

SMCS-1316

i03467641

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3F-6156	1	HOOK						
	2	1	324-9751	1	CAP-OIL FILLER (ENGINE OIL FILLER)						
	3	1	279-5729	1	TUBE AS-OIL FILLER						
	4	1	280-2688	1	ELBOW						
	5	1	281-0193	1	HOSE						
	6	1	0S-1588	2	BOLT (3/8-16X1.25-IN)						
	7	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	8	1	5P-0597	2	CLAMP-HOSE						
	9	1	5P-8211	1	SEAL-O-RING						
	10	1	9S-8752	3	NUT-FULL (3/8-16-THD)						
	11	1	9X-6458	6	WASHER-HARD (10.2X22.5X3-MM THK)						



GRAPHIC #1

<END>

g01263000

LUBRICATION SYSTEM

216-0819 FILTER GP-ENGINE OIL

S/N: EHX1-UP

PART OF 212-2737, 212-2744, 271-2219, 271-2220 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1306, 1308

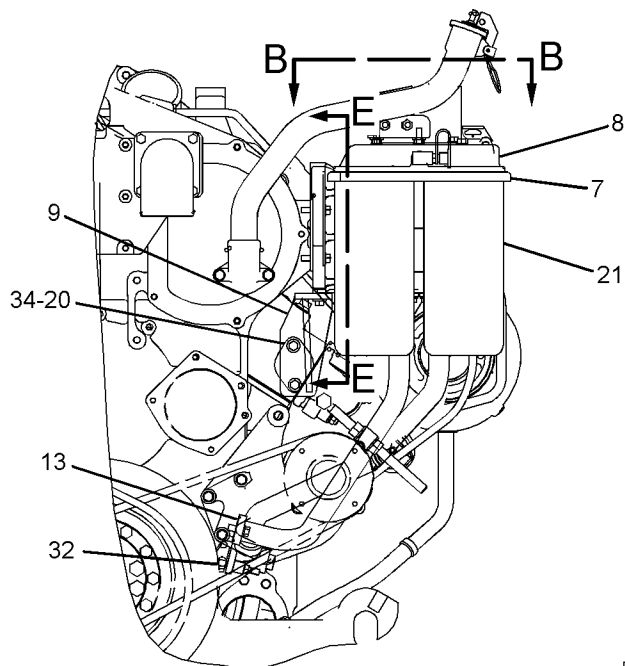
i02044741

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6V-0852	1	CAP-DUST						
	2	1	8C-3445	1	CAP-DUST						
	3	1	8N-6739	2	RING-RETAINING						
	4	1	114-3824	1	GASKET						
	5	1	114-9223	1	SPACER (11.13X19.05X19-MM THK)						
	6	1	115-8384	4	RETAINER						
	7	1	117-8301	1	SHIELD						
	8	1	189-0981	1	BASE AS-OIL FILTER						
		1	2W-8225	2	STUD-TAPERLOCK						
	9	1	217-6574	1	BRACKET AS						
	10	1	218-5002	1	SUPPORT						
	11	1	219-6330	1	TUBE AS						
	12	1	219-6335	1	TUBE AS						
	13	1	061-7540	1	SEAL-O-RING						
	14	1	0L-1351	4	BOLT (3/8-16X0.875-IN)						
	15	1	0S-1594	1	BOLT (3/8-16X1-IN)						
	16	1	0S-1619	1	BOLT (3/8-16X3-IN)						
	17	1	151-5145	1	ELBOW						
	18	1	170-0610	1	STUD (3/8-16-THD)						
	19	1	170-0612	3	STUD						
	20	1	1A-2029	6	BOLT (3/8-16X1.125-IN)						
	21	1	1R-0716	2	FILTER AS-ENGINE OIL (STANDARD EFFICIENCY)						
	22	1	2A-4639	4	BOLT (3/8-16X1.625-IN)						
	23	1	4B-4161	6	SCREW-DRIVE (NO 6X3/8)						
	24	1	5M-2894	14	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	25	1	6V-0484	1	ADAPTER-O-RING						
	26	1	6V-3830	2	SEAL-O-RING						
	27	1	6V-4433	1	FITTING						
	28	1	6V-4589	1	SEAL-O-RING						
	29	1	6V-5048	2	SEAL-O-RING						
	30	1	6V-5049	2	SEAL-O-RING						
	31	1	8C-3446	1	VALVE-FLUID SAMPLING (OIL)						
	32	1	8C-5230	1	SEAL-O-RING						
	33	1	9S-4190	1	PLUG-O-RING						
	34	1	9X-6458	4	WASHER-HARD (10.2X22.5X3-MM THK)						

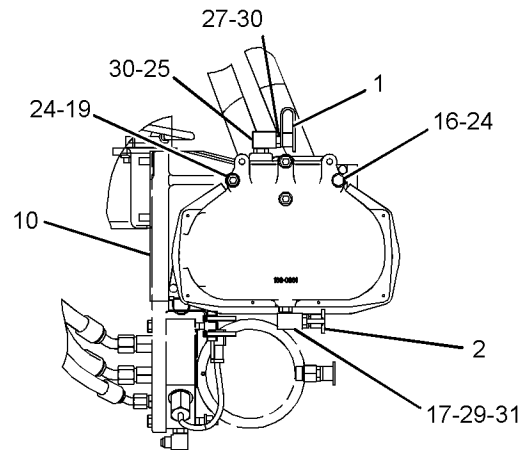
LUBRICATION SYSTEM

216-0819 FILTER GP-ENGINE OIL (contd.)

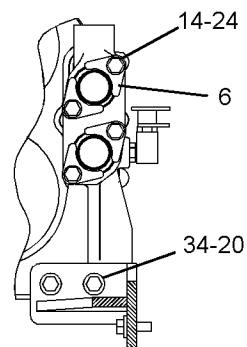
i02044741



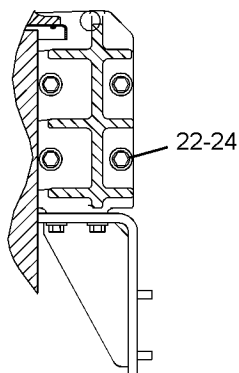
FRONT VIEW



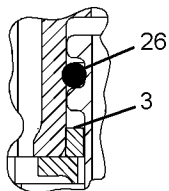
SECTION B-B



SECTION C-C

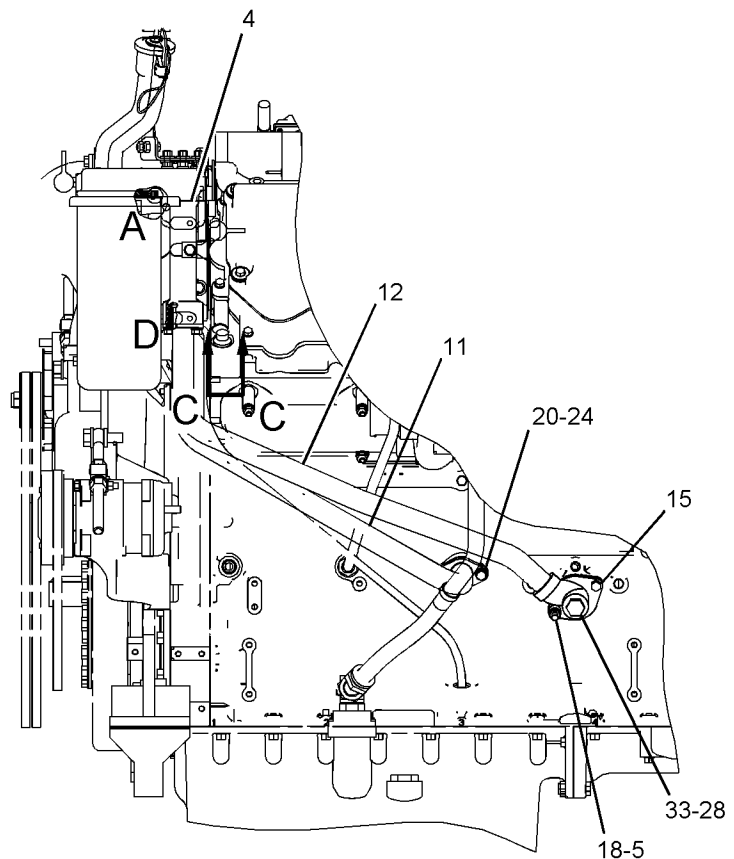


SECTION E-E

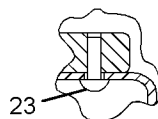


VIEW OF AREA D

GRAPHIC #1



LEFT SIDE VIEW



VIEW OF AREA A

<END>

g01054632

LUBRICATION SYSTEM

212-7678 FUMES DISPOSAL GP

S/N: RJG1-936

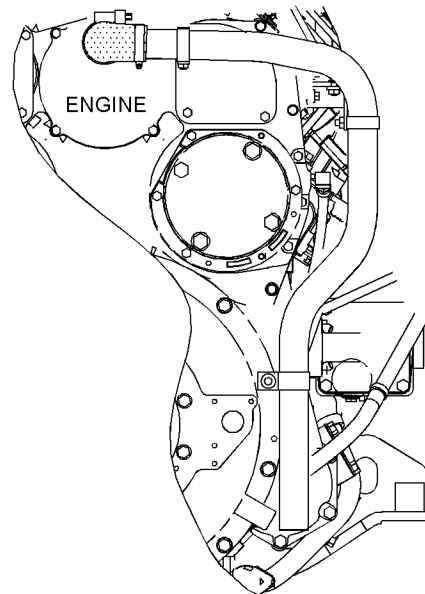
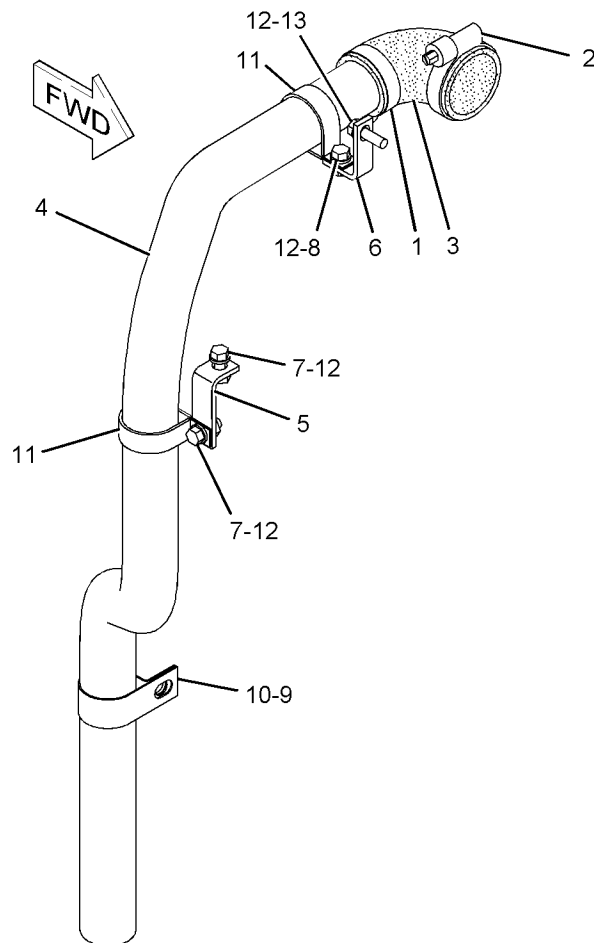
PART OF 212-2745, 267-2900 INSTALLATION AR-ENGINE

SMCS-1317

i02274213

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-0597	1	CLAMP-HOSE						
	2	1	5P-4868	1	CLAMP-HOSE						
	3	1	141-7143	1	HOSE-ELBOW						
	4	1	235-8022	1	TUBE						
	5	1	235-8751	1	BRACKET AS						
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)						
	6	1	239-1358	1	BRACKET AS						
		1	1F-0750	1	NUT-WELD (3/8-16-THD)						
	7	1	4L-6454	2	BOLT (3/8-16X1-IN)						
	8	1	5M-3062	1	BOLT (3/8-16X0.75-IN)						
	9	1	5P-8245	1	WASHER-HARD (13.5X25.5X3-MM THK)						
	10	1	6F-0295	1	CLIP						
	11	1	6V-2235	2	CLIP						
	12	1	8T-4896	4	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	13	1	9B-7237	1	BOLT (3/8-16X1.25-IN)						

M-METRIC PART



REAR VIEW

GRAPHIC #1

<END>

g01052199

LUBRICATION SYSTEM

291-4724 FUMES DISPOSAL GP

S/N: RJG937-UP

PART OF 267-2900 INSTALLATION AR-ENGINE

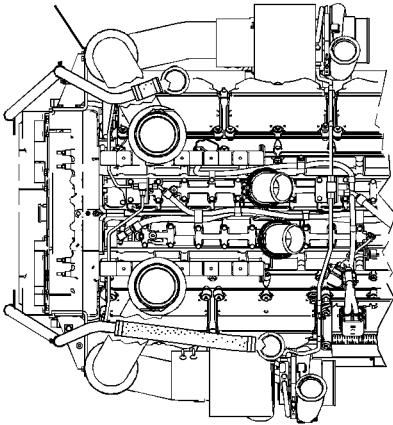
SMCS-1317

i03460802

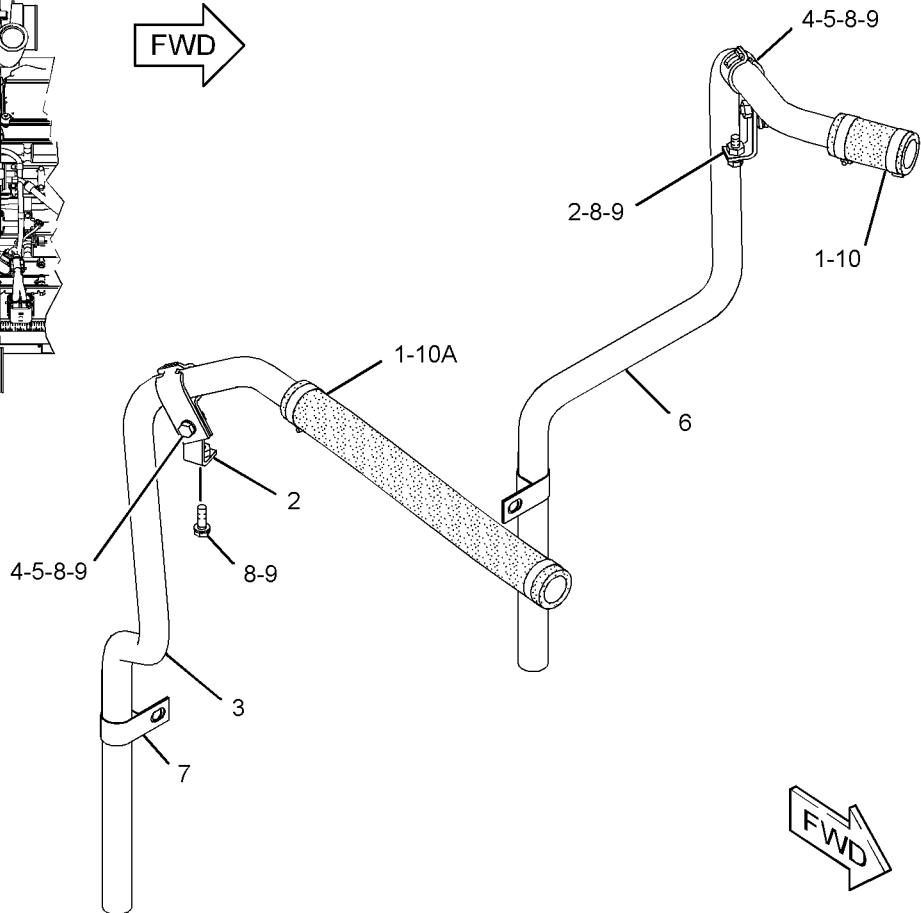
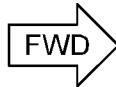
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9M-2904	4	CLAMP-HOSE						
	2	1	235-8751	2	BRACKET AS						
					(EACH INCLUDES)						
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)						
	3	1	313-1276	1	TUBE (RH)						
	4	1	313-3405	2	CLIP-2 PIECE						
	5	1	313-3406	2	CLIP-2 PIECE						
	6	1	315-9994	1	TUBE (LH)						
	7	1	1S-0396	2	CLIP						
M	8	1	8T-4195	4	BOLT (M10X1.5X30-MM)						
	9	1	8T-4896	4	WASHER-HARD (10.2X18.5X2.5-MM THK)						
E	10	1	5P-1255		HOSE (10-CM)						
E	10A	1	5P-1255		HOSE (49-CM)						

E-ORDER BY THE CENTIMETER
M-METRIC PART

ENGINE



TOP VIEW



GRAPHIC #1

<END>

g01805678

LUBRICATION SYSTEM

216-0821 GAUGE GP-OIL LEVEL (DIPSTICK)-ENGINE

S/N: EHX1-UP

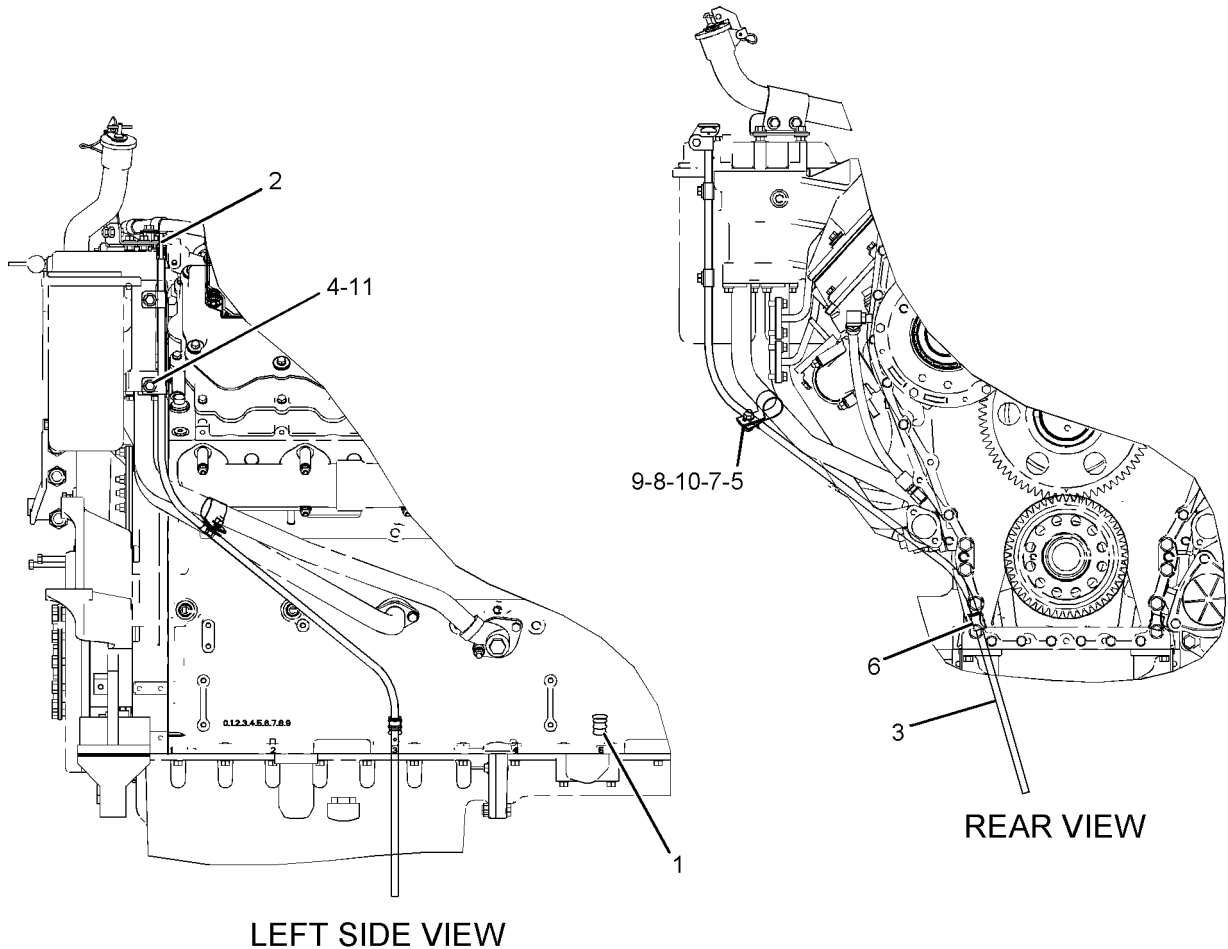
PART OF 212-2737, 212-2744, 271-2219, 271-2220 ENGINE AR-COMPLETE
ALSO AN ATTACHMENT

SMCS-1326

i03100089

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
J	1	1	165-6170	3	PLUG						
	2	1	206-7044	1	GAUGE AS-OIL LEVEL (DIPSTICK) (ENGINE)						
	3	1	219-6033	1	TUBE AS-GUIDE						
	4	1	0S-0509	2	BOLT (3/8-16X0.75-IN)						
	5	1	0S-1588	1	BOLT (3/8-16X1.25-IN)						
	6	1	112-3102	1	SEAL-O-RING						
	7	1	4B-0418	1	CLIP						
	8	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	9	1	9S-8752	1	NUT-FULL (3/8-16-THD)						
	10	1	9X-2503	1	CLIP						
	11	1	9X-6458	2	WASHER-HARD (10.2X22.5X3-MM THK)						

J-USE TO PLUG OPTIONAL DIPSTICK LOCATIONS



GRAPHIC #1

<END>

g01054552

LUBRICATION SYSTEM

216-0810 LINES GP-ENGINE OIL

S/N: EHX1-2667

PART OF 212-2737, 212-2744, 271-2219, 271-2220 ENGINE AR-COMPLETE
ALSO AN ATTACHMENT

SMCS-1307

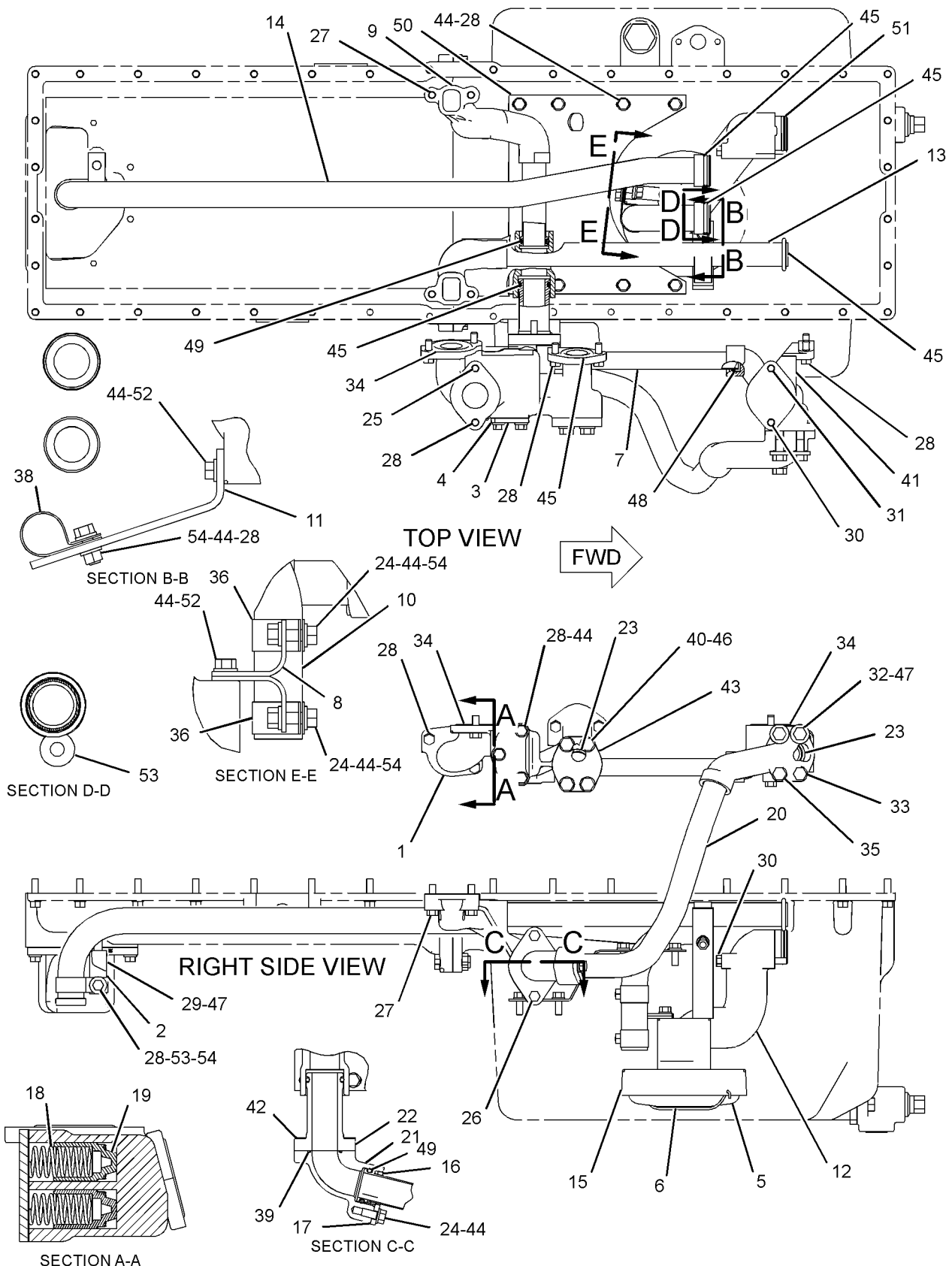
i02793409

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	1W-8795	1	BRACKET	
	3	1	4N-0861	1	COVER	
	4	1	4N-0865	1	GASKET	
	5	1	4N-0913	1	SCREEN AS-SUCTION	
	6	1	4N-0914	1	CLIP	
	7	1	4N-8411	1	TUBE-COOLER BYPASS	
	8	1	5K-9592	2	ANGLE	
	9	1	7N-6252	1	TUBE AS-LH	
	10	1	7N-9212	1	TUBE AS	
	11	1	8N-0396	1	SUPPORT	
	12	1	8N-0397	1	PIPE AS	
	13	1	8N-0610	1	TUBE AS (CROSSOVER)	
	14	1	8N-0612	1	TUBE AS	
	15	1	8N-2104	1	BELL AS-SUCTION	
	16	1	8N-6739	1	RING-RETAINING	
	17	1	8N-6740	1	RETAINER	
	18	1	9F-6304	2	SPRING	
	19	1	9M-0853	2	PLUNGER-VALVE (OIL COOLER)	
	20	1	257-0540	1	TUBE AS	
	21	1	257-0541	1	ELBOW	
	22	1	257-0542	1	ADAPTER	
	23	1	061-7540	2	SEAL-O-RING	
	24	1	0L-1351	3	BOLT (3/8-16X0.875-IN)	
	25	1	0L-2070	1	BOLT (3/8-16X2.25-IN)	
	26	1	0S-1590	2	BOLT (3/8-16X2-IN)	
	27	1	0S-1591	4	BOLT (3/8-16X1.5-IN)	
	28	1	0S-1594	21	BOLT (3/8-16X1-IN)	
	29	1	0S-1595	1	BOLT (1/2-13X1.25-IN)	
	30	1	0S-1608	2	BOLT (3/8-16X3.75-IN)	
	31	1	0T-0065	1	BOLT (3/8-16X3.5-IN)	
	32	1	0T-0319	2	BOLT (7/16-14X2-IN)	
	33	1	0T-0768	1	BOLT (7/16-14X1.75-IN)	
	34	1	113-5304	3	SEAL-O-RING	
	35	1	1D-4556	1	BOLT (7/16-14X2.75-IN)	
	36	1	2L-2685	2	CLIP	
	38	1	2S-2053	1	CLIP (LOOP)	
	39	1	8C-0624	1	SEAL-O-RING	
	40	1	4F-8965	4	BOLT (7/16-14X1.125-IN)	
	41	1	4N-8770	1	ELBOW-COOLER OUTLET	
	42	1	5H-0135	1	GASKET	
	43	1	5H-2068	1	COVER	
	44	1	5M-2894	21	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	45	1	5P-8068	5	SEAL-O-RING	
	46	1	5P-8244	4	WASHER-HARD (12X22.5X2.5-MM THK)	
	47	1	5P-8245	3	WASHER-HARD (13.5X25.5X3-MM THK)	
	48	1	5P-9890	2	SEAL-O-RING	
	49	1	6V-3830	2	SEAL-O-RING	
	50	1	7C-4938	1	PLATE-FRONT PAN	
	51	1	8J-4351	1	SEAL-O-RING	
	52	1	8S-9191	2	BOLT (3/8-16X4-IN)	
	53	1	9L-9132	3	WASHER (10.2X25.5X2.5-MM THK)	
	54	1	9S-8752	4	NUT-FULL (3/8-16-THD)	

LUBRICATION SYSTEM

216-0810 LINES GP-ENGINE OIL (contd.)

i02793409



GRAPHIC #1

<END>

g01187840

LUBRICATION SYSTEM

216-0810 LINES GP-ENGINE OIL

S/N: EHX2668-UP

PART OF 212-2737, 271-2219, 271-2220 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1307

i03100204

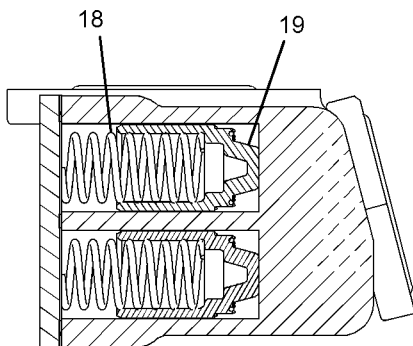
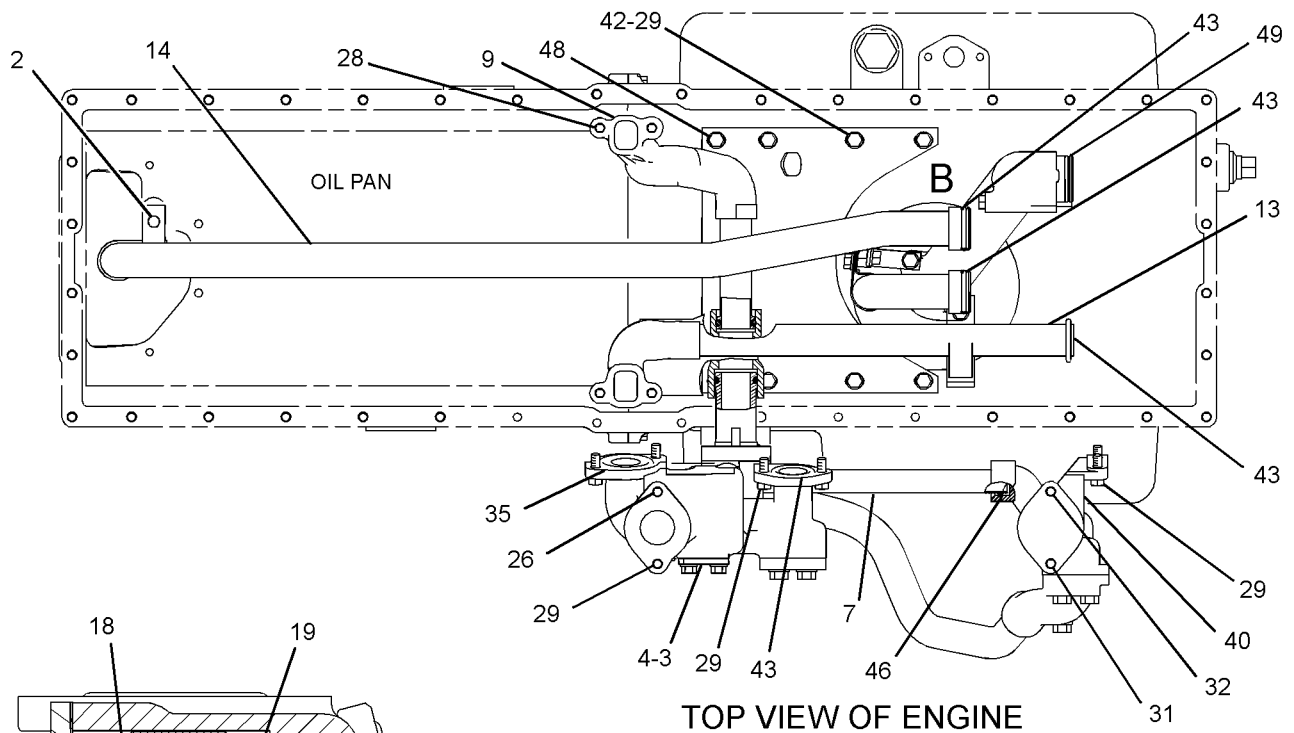
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1W-1116	1	BODY-BYPASS						
	2	1	1W-8795	1	BRACKET						
	3	1	4N-0861	1	COVER						
	4	1	4N-0865	1	GASKET						
	5	1	4N-0913	1	SCREEN AS-SUCTION						
	6	1	4N-0914	1	CLIP						
	7	1	4N-8411	1	TUBE-COOLER BYPASS						
	8	2	5K-9592	2	ANGLE						
	9	1	7N-6252	1	TUBE AS (LH)						
	10	2	7N-9212	1	TUBE AS						
	11	2	8N-0396	1	SUPPORT						
	12	1	8N-0397	1	PIPE AS						
	13	1	8N-0610	1	TUBE AS (CROSSOVER)						
	14	1	8N-0612	1	TUBE AS						
	15	1	8N-2104	1	BELL AS-SUCTION						
		1	1F-0750	2	NUT-WELD (3/8-16-THD)						
	16	2	8N-6739	1	RING-RETAINING						
	17	2	8N-6740	1	RETAINER						
	18	1	9F-6304	2	SPRING						
	19	1	9M-0853	2	PLUNGER-VALVE (OIL COOLER)						
	20	1	257-0540	1	TUBE AS						
C	21	2	271-3971	1	ELBOW						
C	22	2	271-3972	1	ADAPTER						
	23	1	061-7540	2	SEAL-O-RING						
C	24	2	061-9457	2	SEAL-O-RING						
	25	2	0L-1351	3	BOLT (3/8-16X0.875-IN)						
	26	1	0L-2070	1	BOLT (3/8-16X2.25-IN)						
	27	1	0S-1590	2	BOLT (3/8-16X2-IN)						
	28	1	0S-1591	4	BOLT (3/8-16X1.5-IN)						
	29	1, 2	0S-1594	21	BOLT (3/8-16X1-IN)						
	30	1	0S-1595	1	BOLT (1/2-13X1.25-IN)						
	31	1	0S-1608	2	BOLT (3/8-16X3.75-IN)						
	32	1	0T-0065	1	BOLT (3/8-16X3.5-IN)						
	33	1	0T-0772	3	BOLT (7/16-14X1.5-IN)						
	35	1	113-5304	3	SEAL-O-RING						
	36	1	1D-4556	1	BOLT (7/16-14X2.75-IN)						
	37	2	2L-2685	2	CLIP						
	38	2	2S-2053	1	CLIP (LOOP)						
	39	1	4F-8965	4	BOLT (7/16-14X1.125-IN)						
	40	1	4N-8770	1	ELBOW-COOLER OUTLET						
	41	1	5H-2068	1	COVER						
	42	1, 2	5M-2894	21	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	43	1	5P-8068	5	SEAL-O-RING						
	44	1	5P-8244	4	WASHER-HARD (12X22.5X2.5-MM THK)						
C	45	1	5P-8245	1	WASHER-HARD (13.5X25.5X3-MM THK)						
	46	1	5P-9890	2	SEAL-O-RING						
	47	1, 2	6V-3830	2	SEAL-O-RING						
	48	1	7C-4938	1	PLATE-FRONT PAN						
	49	1	8J-4351	1	SEAL-O-RING						
	50	2	8S-9191	2	BOLT (3/8-16X4-IN)						
	51	1, 2	9L-9132	3	WASHER (10.2X25.5X2.5-MM THK)						
	52	1, 2	9S-8752	4	NUT-FULL (3/8-16-THD)						

C-CHANGE FROM PREVIOUS TYPE

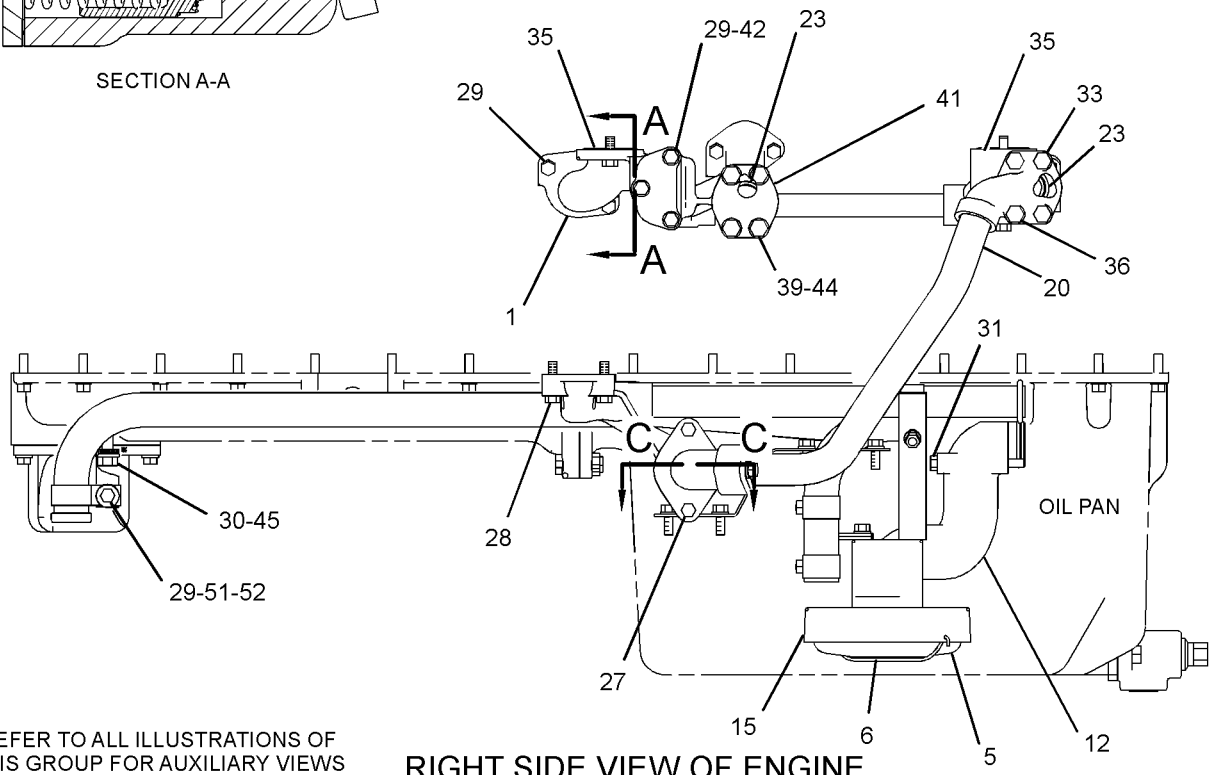
LUBRICATION SYSTEM

216-0810 LINES GP-ENGINE OIL (contd.)

i03100204



SECTION A-A



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

RIGHT SIDE VIEW OF ENGINE

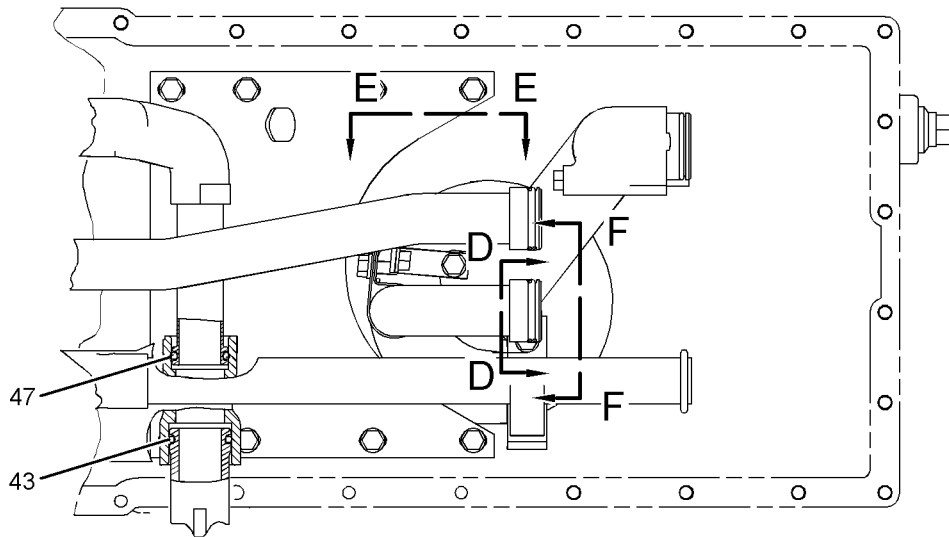
GRAPHIC #1

g01576254

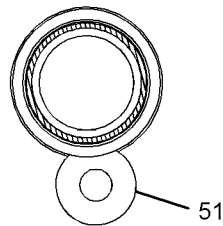
LUBRICATION SYSTEM

216-0810 LINES GP-ENGINE OIL (contd.)

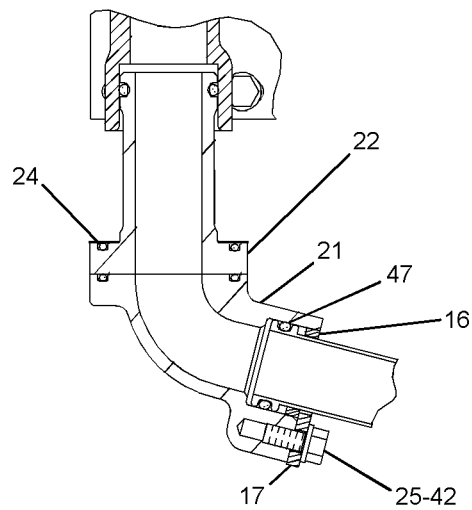
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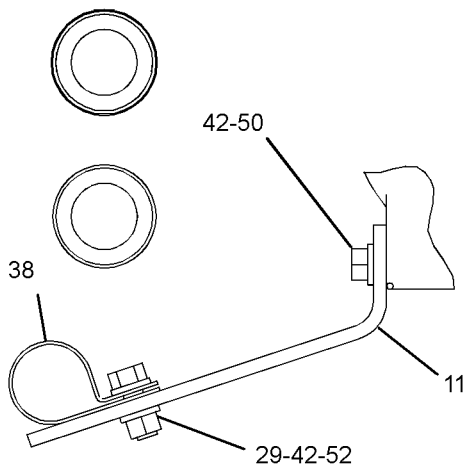
VIEW OF AREA B



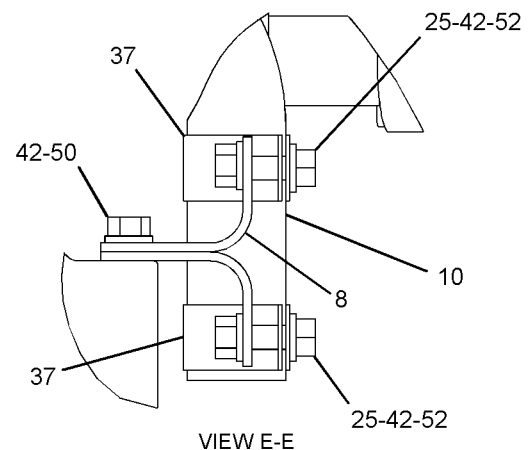
SECTION D-D



SECTION C-C



SECTION F-F



VIEW E-E

GRAPHIC #2

<END>

g01280361

LUBRICATION SYSTEM

216-0828 LINES GP-TURBOCHARGER OIL

S/N: EHX1-UP

PART OF 212-2737, 212-2744, 271-2219, 271-2220 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1052, 1307

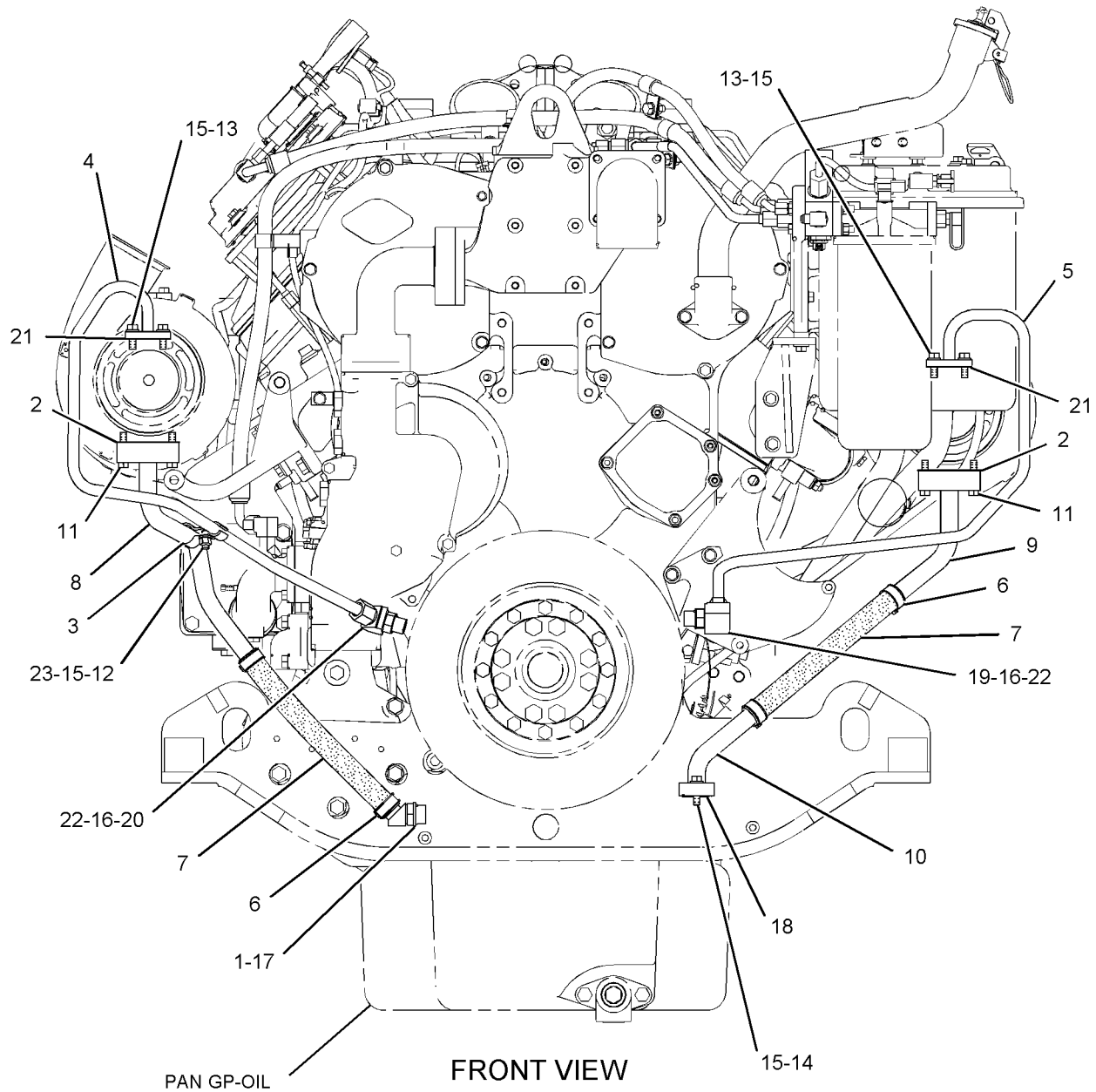
i02404798

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-1230	1	CONNECTOR						
	2	1	7N-7559	2	GASKET						
	3	1	9M-2564	2	CLAMP-TUBE						
	4	1	219-6012	1	TUBE AS						
	5	1	219-6014	1	TUBE AS						
	6	1	269-8788	4	CLAMP-BAND						
	7	1	251-6775	2	HOSE						
	8	1	260-0716	1	TUBE AS						
	9	1	260-0717	1	TUBE AS						
	10	1	260-0718	1	TUBE AS						
	11	1	0S-1571	4	BOLT (3/8-16X1.75-IN)						
	12	1	0S-1588	1	BOLT (3/8-16X1.25-IN)						
	13	1	1A-2029	4	BOLT (3/8-16X1.125-IN)						
	14	1	3B-1915	2	BOLT (3/8-16X1.375-IN)						
	15	1	5M-2894	8	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	16	1	6V-4589	2	SEAL-O-RING						
	17	1	6V-5050	1	SEAL-O-RING						
	18	1	210-9246	1	SEAL-O-RING						
	19	1	6V-8626	1	ELBOW						
	20	1	6V-9003	1	ELBOW						
	21	1	7N-8875	2	GASKET						
	22	1	8L-2746	2	SEAL-O-RING						
	23	1	9S-8752	1	NUT-FULL (3/8-16-THD)						

LUBRICATION SYSTEM

216-0828 LINES GP-TURBOCHARGER OIL (contd.)

i02404798



GRAPHIC #1

<END>

g01126431

LUBRICATION SYSTEM

221-1813 OIL CHANGE GP-HIGH SPEED

S/N: RJG1-UP

PART OF 231-5217 MINING AR
AN ATTACHMENT

SMCS-1325

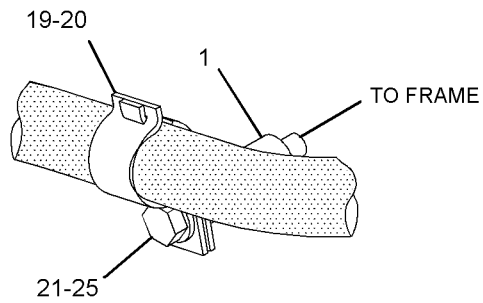
i03531462

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1F-7854	1	SPACER (11.01X19.05X49.21-MM THK)	
	2	1	2P-1286	1	LOCKNUT-BULKHEAD (1-5/16-12-THD)	
	3	1	2V-2043	1	NUT-BULKHEAD (1-5/8-12-THD)	
	4	1	6N-2656	1	TUBE AS-OIL CHANGE	
	6	1	110-8319	1	COUPLER-MALE	
		1	110-8318	1	CAP-DUST	
	7	1	110-8827	1	FITTING (QUICK DISCONNECT, MALE)	
		1	110-8826	1	CAP-DUST	
	8	1	180-4323	1	BRACKET AS	
	9	1	188-2008	1	ELBOW AS	
		1	8T-7970	1	ELBOW	
		1	3D-2824	1	SEAL-O-RING	
		1	5K-9090	1	SEAL-O-RING	
I	10	1	221-1829	1	HOSE AS	
I	11	1	233-3729	1	HOSE AS	
	12	1	148-8335	3	CONNECTOR AS	
					(EACH INCLUDES)	
		1	6V-8635	1	CONNECTOR	
		1	5K-9090	1	SEAL-O-RING	
		1	7M-8485	1	SEAL-O-RING	
	13	1	148-8429	1	TEE AS	
		1	6V-9840	1	TEE-SWIVEL	
		1	5K-9090	2	SEAL-O-RING	
	14	1	1S-0004	1	SEAL-O-RING	
	15	1	8T-2602	2	CLIP (TAB)	
	16	1	8T-2603	2	CLIP (SLOT)	
	17	1	6V-9833	1	CAP AS	
	19	1	8T-1897	1	CLIP (SLOT)	
	20	1	8T-1898	1	CLIP (TAB)	
	21	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)	
M	23	1	8T-4195	1	BOLT (M10X1.5X30-MM)	
M	25	1	8T-5005	1	BOLT (M10X1.5X70-MM)	
I-REFER TO HYDRAULIC INFORMATION SYSTEM						
M-METRIC PART						

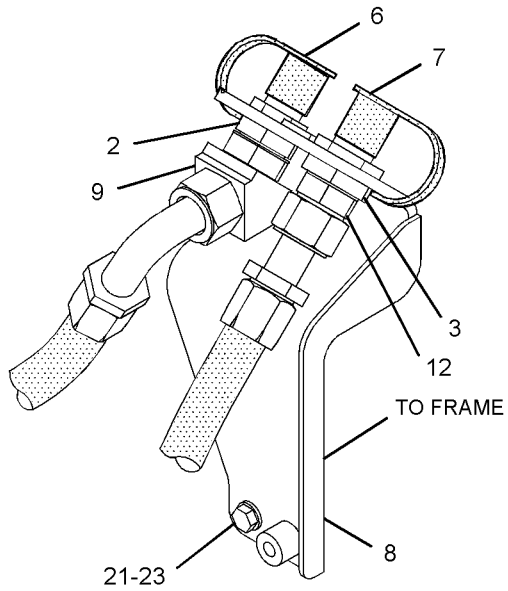
LUBRICATION SYSTEM

221-1813 OIL CHANGE GP-HIGH SPEED (contd.)

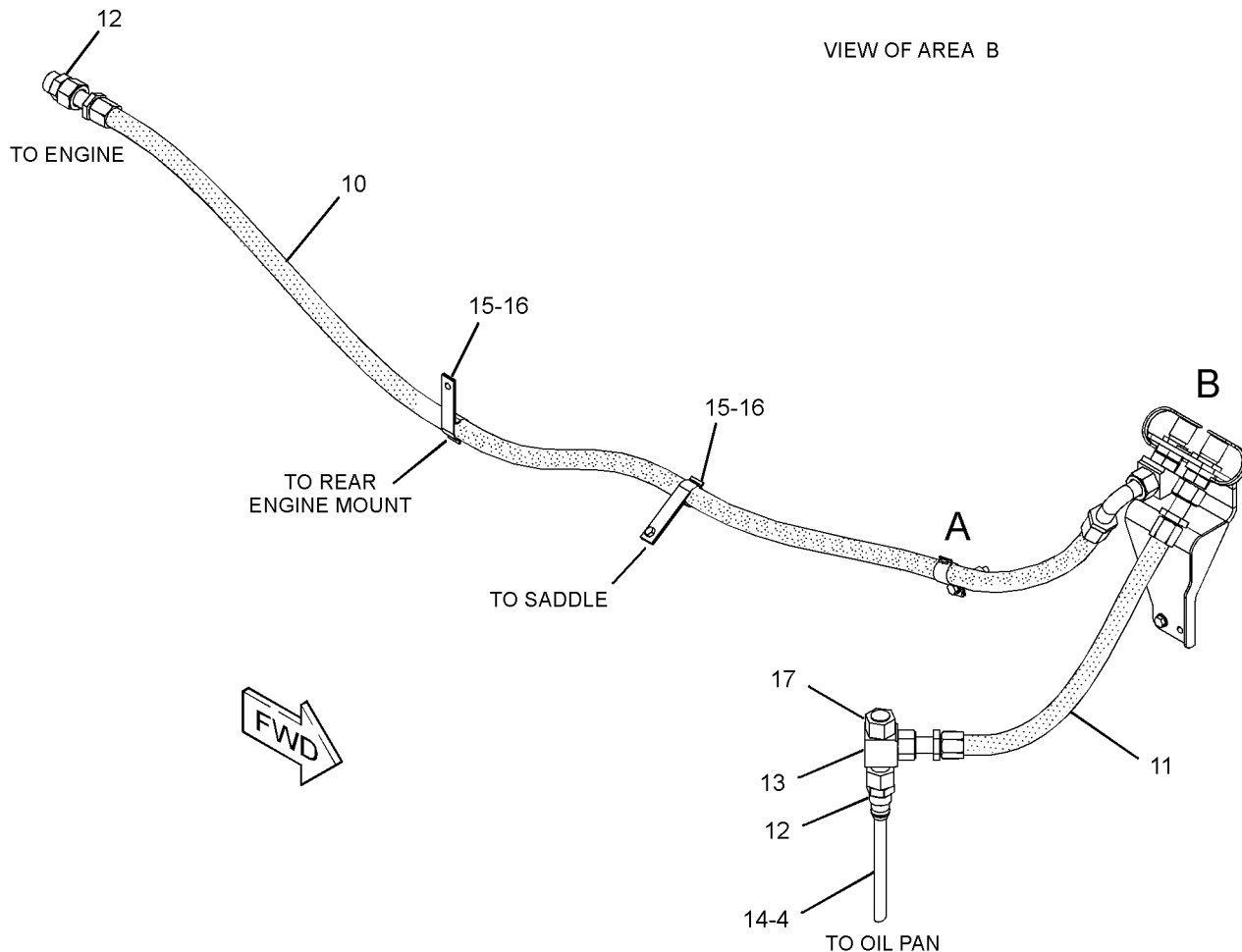
i03531462



VIEW OF AREA A



VIEW OF AREA B



GRAPHIC #1

<END>

g01227072

LUBRICATION SYSTEM

214-1070 PRELUBRICATION AR-ENGINE

S/N: RJG1-UP

AN ATTACHMENT

SMCS-1319, 1469

i02732436

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6N-2656	1	TUBE AS-OIL CHANGE						
	2	1	6V-9833	1	CAP AS						
	3	1	7G-1060	1	STRAP AS-GROUND						
	4	1	7K-1181	6	STRAP-CABLE						
	5	1	123-5150	1	VALVE-CHECK						
Y	6	1	228-8553	1	PUMP & MOTOR GP-PRELUBRICATION						127
	7	1	230-4089	1	PLATE AS						
I	8	1	234-4405	1	HOSE AS						
I	9	1	234-4406	1	HOSE AS						
	10	1	234-4407	1	HARNESS AS-MOTOR (PRELUBRICATION)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	11	1	148-8335	1	CONNECTOR AS						
		1	6V-8635	1	CONNECTOR						
		1	5K-9090	1	SEAL-O-RING						
		1	7M-8485	1	SEAL-O-RING						
	12	1	148-8342	1	CONNECTOR AS						
		1	6V-8632	1	CONNECTOR						
		1	3K-0360	1	SEAL-O-RING						
		1	7J-9108	1	SEAL-O-RING						
	13	1	148-8352	1	ELBOW AS						
		1	6V-9854	1	ELBOW						
		1	5K-9090	1	SEAL-O-RING						
	14	1	148-8429	1	TEE AS						
		1	6V-9840	1	TEE-SWIVEL						
		1	5K-9090	2	SEAL-O-RING						
	15	1	153-6230	1	CONNECTOR AS						
		1	8T-9386	1	CONNECTOR						
		1	2M-9780	1	SEAL-O-RING						
		1	5K-9090	1	SEAL-O-RING						
	16	1	1S-0004	1	SEAL-O-RING						
	17	1	233-5070	1	FILM-IDENTIFICATION (PRELUBRICATION PUMP)						
	18	1	4P-7581	3	CLIP						
	19	1	5P-1075	5	WASHER-HARD (10.2X22.5X3-MM THK)						
M	20	1	5C-7261	4	NUT (M8X1.25-THD)						
M	21	1	8T-4136	4	BOLT (M10X1.5X25-MM)						
M	22	1	8T-4191	1	BOLT (M10X1.5X16-MM)						
	23	1	198-4776	4	WASHER-HARD (8.8X20X8-MM THK)						
	24	1	2M-9780	1	SEAL-O-RING						
	25	1	7J-9108	1	SEAL-O-RING						
F			261-5735	1	CONFIGURATION-PREMIUM						
					(DLR INSTALL CONFIG: SEE IRM: EES03-01)						

F-NOT SHOWN

I-REFER TO HYDRAULIC INFORMATION SYSTEM

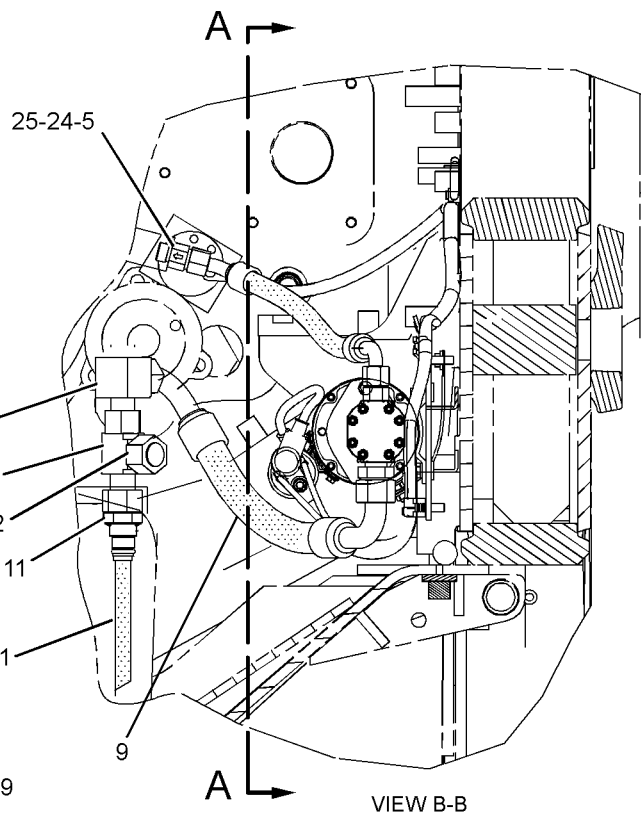
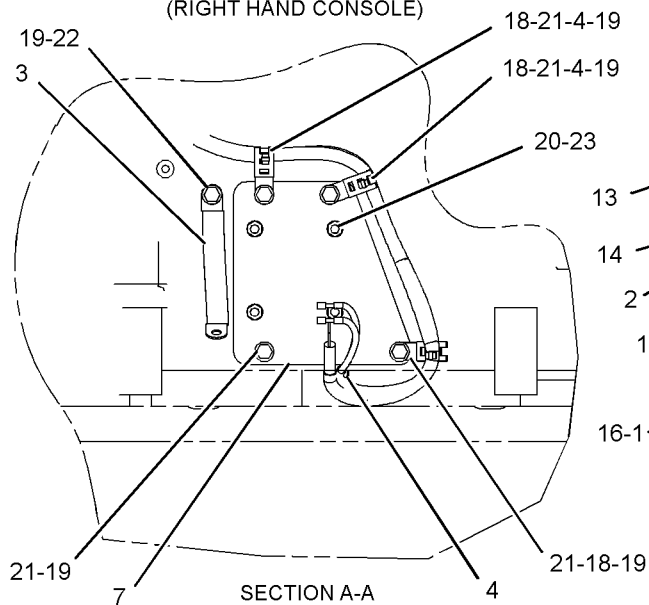
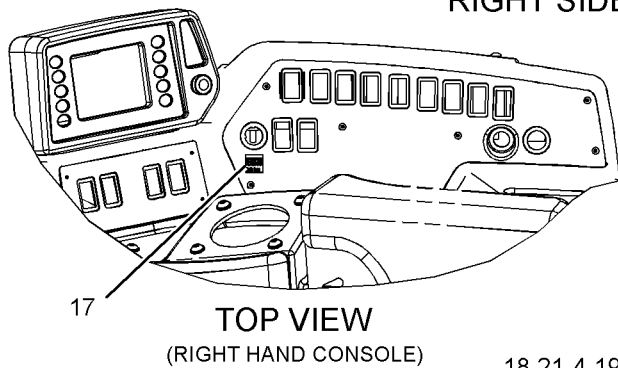
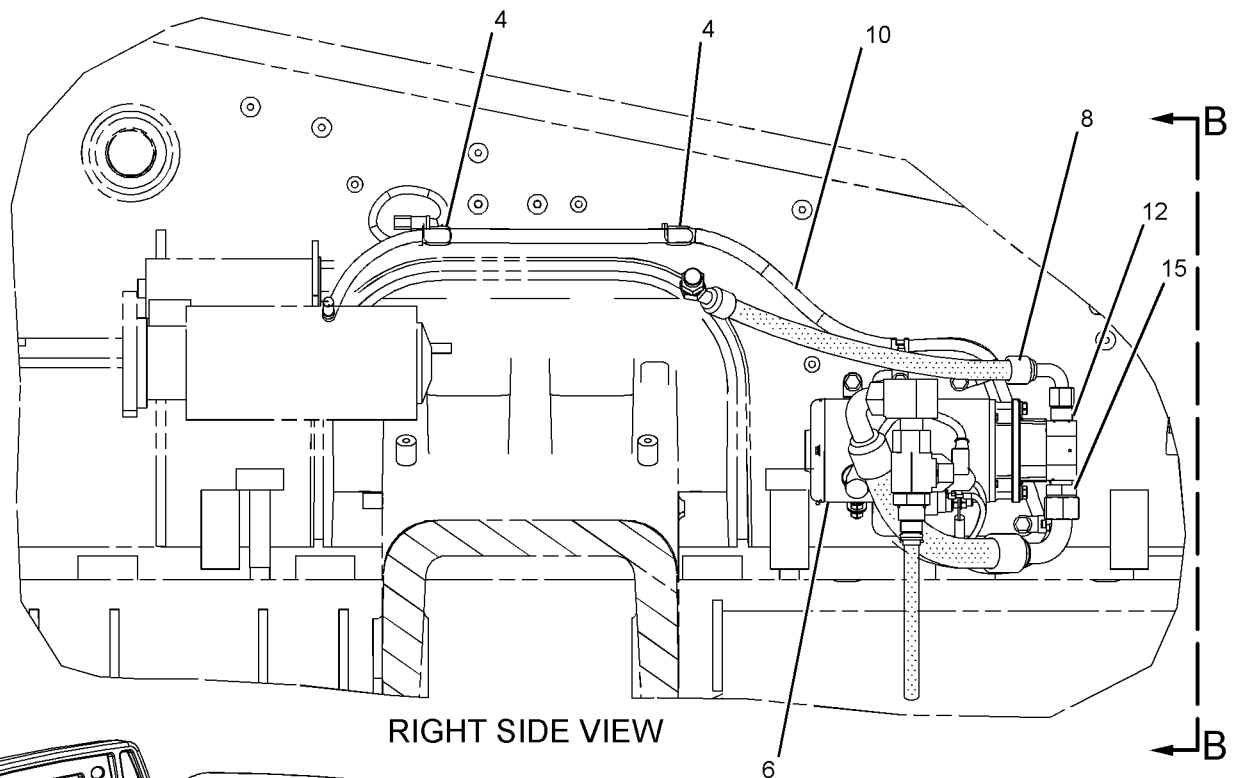
M-METRIC PART

Y-SEPARATE ILLUSTRATION

LUBRICATION SYSTEM

214-1070 PRELUBRICATION AR-ENGINE (contd.)

i02732436



GRAPHIC #1

<END>

g01370776

LUBRICATION SYSTEM

228-8553 PUMP & MOTOR GP-PRELUBRICATION

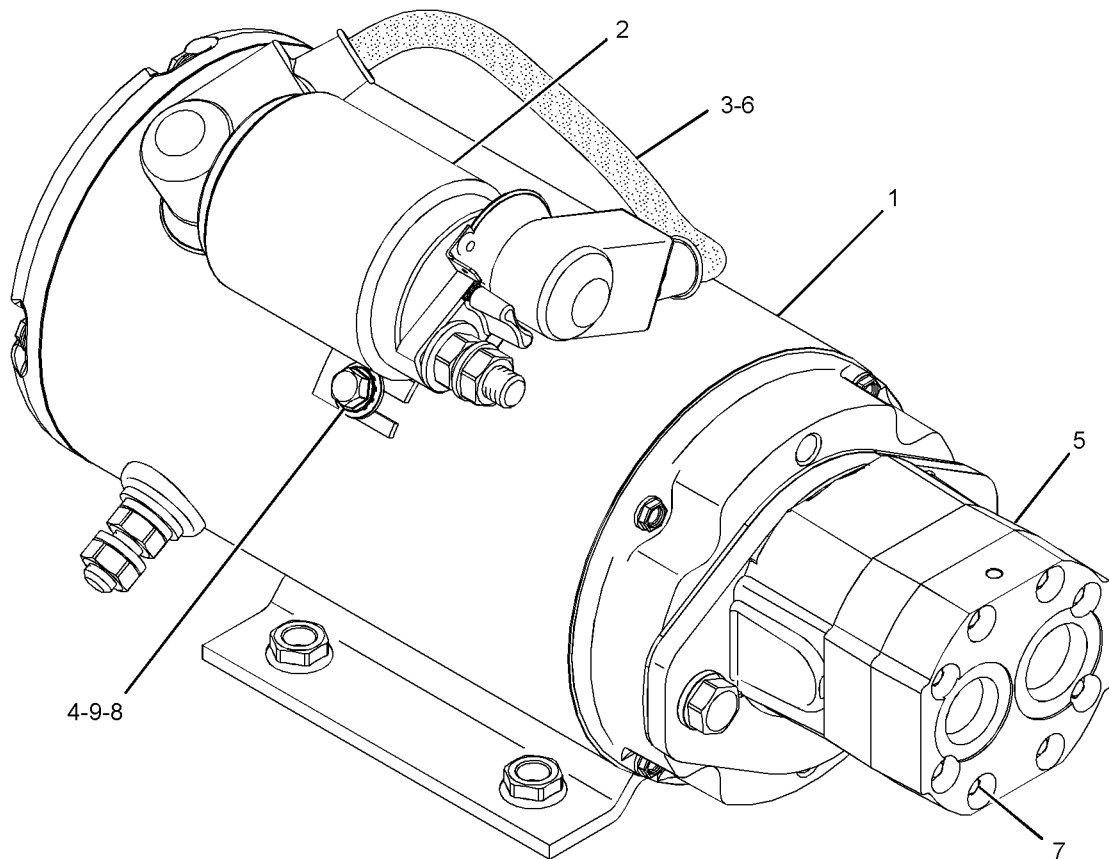
S/N: RJG1-UP

PART OF 214-1070 PRELUBRICATION AR-ENGINE
AN ATTACHMENT

SMCS-1319, 5927

i03121627

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	183-6967	1	MOTOR GP-ELECTRIC (PRELUBRICATION)						
	2	1	183-6970	1	RELAY (PRELUBRICATION MOTOR)						
	3	1	183-6971	1	CABLE AS						
	4	1	1H-3338	2	LOCKWASHER (EXTERNAL TOOTH)						
	5	1	273-1761	1	KIT-PUMP (PRELUBRICATION)						
	6	1	273-2536	2	COVER-TERMINAL						
	7	1	5L-4041	8	BOLT-12 POINT HEAD (1/4-20X1.5-IN)						
	8	1	6V-1322	2	BOLT (1/4-20X0.375-IN)						
	9	1	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)						



GRAPHIC #1

<END>

g01218828

LUBRICATION SYSTEM

7C-1772 PUMP GP-ENGINE OIL*R

S/N: EHX1-UP

PART OF 260-9527, 261-1507, 276-9586, 276-9587 ENGINE AR-CORE
ALSO AN ATTACHMENT

SMCS-1304, 1315

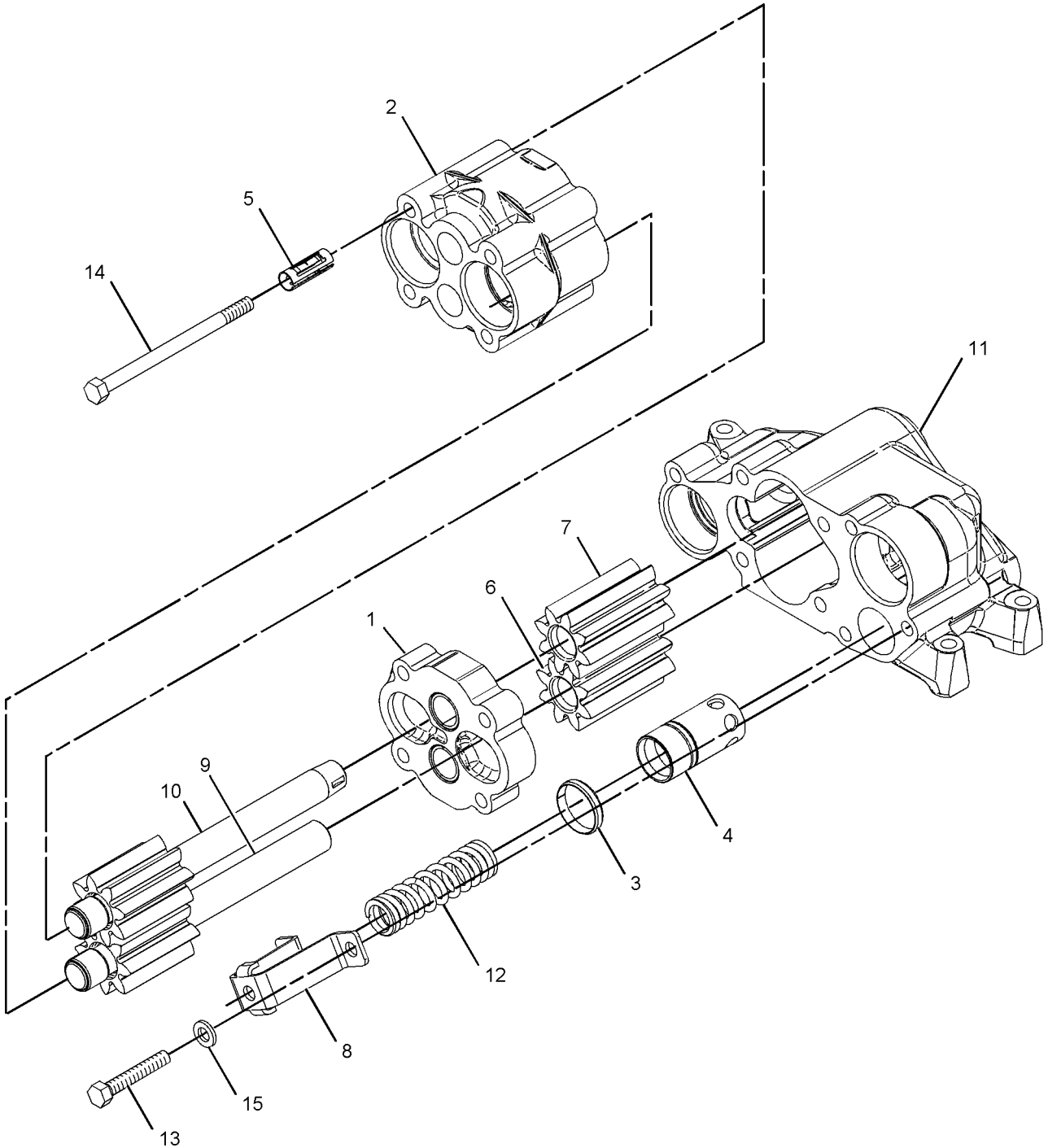
i02285829

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	4N-5339	1	SPACER AS-OIL PUMP	
		1	7N-2155	2	BEARING-SLEEVE	
2		1	6N-2343	1	BODY AS-PUMP	
		1	7N-2213	2	BEARING-SLEEVE	
3		1	7C-1511	1	RING-PLUNGER	
4		1	7C-1512	1	PLUNGER	
5		1	7G-2176	4	DAMPER-BOLT	
6		1	7W-6528	1	GEAR-PUMP (8-TEETH)	
7		1	7W-7141	1	GEAR-PUMP (8-TEETH)	
8		1	9Y-1800	1	RETAINER	
9		1	145-8503	1	SHAFT AS-IDLER	
10		1	202-3572	1	SHAFT AS-DRIVE	
11		1	235-1587	1	BODY AS	
		1	7N-2156	2	BEARING-SLEEVE	
		1	8M-8489	2	DOWEL	
12		1	236-6733	1	SPRING	
13		1	1M-0644	2	BOLT (3/8-16X2.25-IN)	
14		1	5F-4899	4	BOLT (3/8-16X5.5-IN)	
15		1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)	

LUBRICATION SYSTEM

7C-1772 PUMP GP-ENGINE OIL (contd.)

i02285829



GRAPHIC #1

<END>

g01057597

COOLING SYSTEM

220-0261 FAN AR-REVERSIBLE

S/N: RJG1-UP

PART OF 238-4498, 324-3735 STOCKPILE AR
AN ATTACHMENT

SMCS-1356, 1360

i03531463

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	255-1302	1	GUARD GP-BRUSH						687
YR	212-4977	1	MOTOR GP-PISTON (REVERSIBLE FAN)						912
Y	220-0550	1	VALVE & MTG GP-HYDRAULIC FAN						946
	261-1580	1	SOFTWARE GP-IMPLEMENT (REVERSIBLE FAN) (DLR INSTALL CONFIG: SEE IRM: EES03-01)						
	222-7887	1	SWITCH AS-ROCKER (REVERSING FAN MANUAL PURGE)						
R-REMFG PART MAY BE AVAILABLE									
Y-SEPARATE ILLUSTRATION									

<END>

COOLING SYSTEM

213-8358 FAN GP-SUCTION

S/N: RJG1-UP

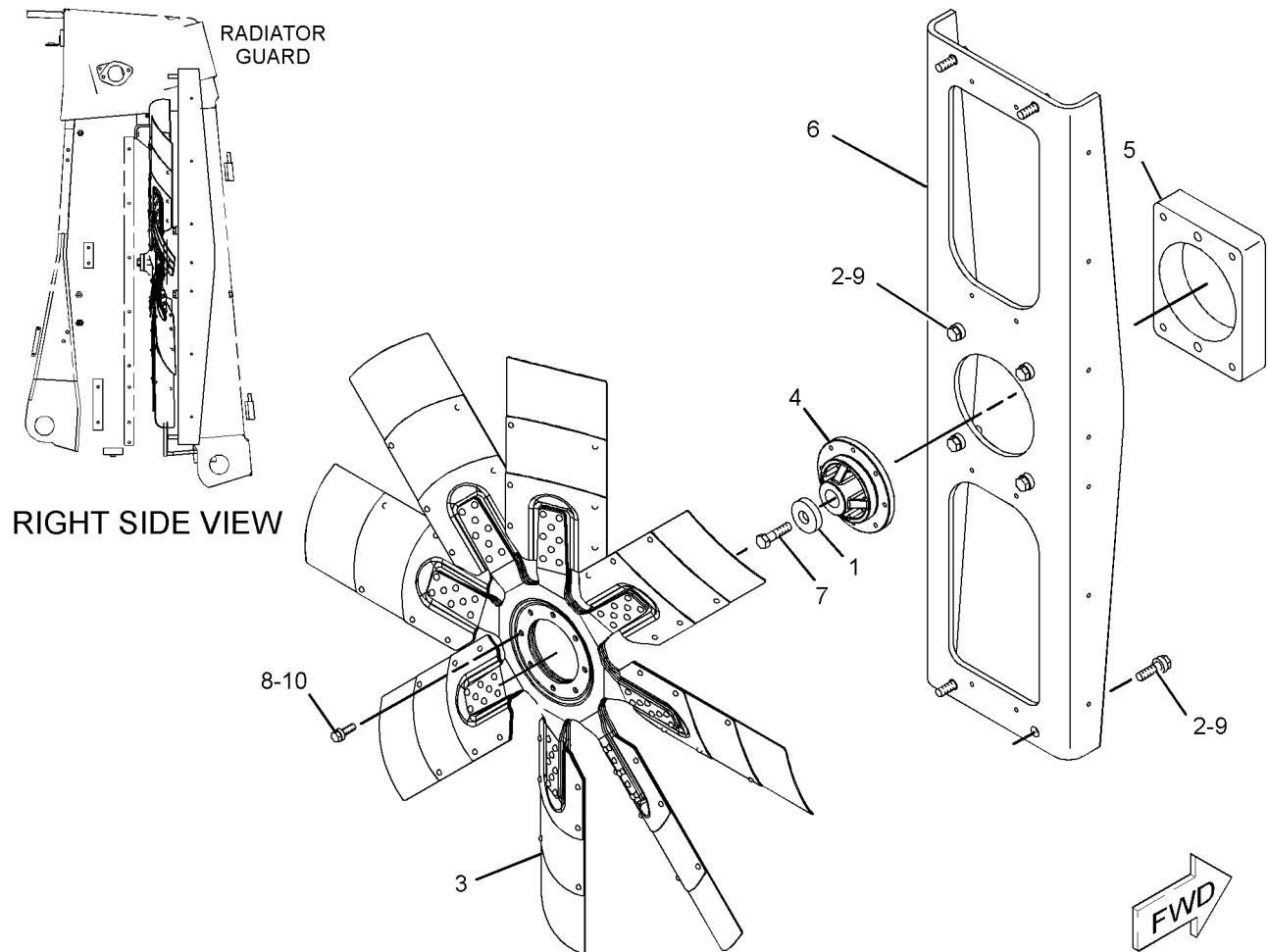
PART OF 212-2745, 267-2900 INSTALLATION AR-ENGINE

SMCS-1356

i03340547

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-9471	1	RETAINER						
	2	1	156-5782	8	SPACER (17.5X30X10-MM THK)						
	3	1	251-1253	1	SPIDER AS-FAN (8-BLADE)						
	4	1	213-8359	1	ADAPTER-FAN						
	5	1	248-6258	1	BLOCK						
	6	1	248-6259	1	SUPPORT						
M	7	1	7X-2554	1	BOLT (M16X2X70-MM)						
	8	1	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)						
M	9	1	8T-4140	8	BOLT (M16X2X60-MM)						
M	10	1	8T-4186	8	BOLT (M10X1.5X40-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01717033

COOLING SYSTEM

212-7682 LINES GP-WATER

S/N: RJG1-UP

PART OF 212-2745, 267-2900 INSTALLATION AR-ENGINE

SMCS-1380

i03531480

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2W-7622	1	PLATE-DRAIN						
	2	1	7S-8780	1	HOSE						
	3	1	8B-6561	1	SPACER (5.56X22.22X55.58-MM THK)						
	4	1	9M-3116	1	GASKET						
	5	1	9V-3418	1	ANGLE AS						
		1	1F-0750	1	NUT-WELD (3/8-16-THD)						
	6	1	209-4590	4	CLAMP AS-BAND (T-BOLT)						
	7	1	213-6795	1	BONNET-INLET						
	8	1	213-6796	1	BONNET-OUTLET						
	9	1	219-4474	2	GASKET						
I	10	1	222-1428	1	HOSE AS						
I	11	1	136-5852	1	HOSE AS						
	12	1	222-1433	1	BRACKET AS						
		1	1F-0750	1	NUT-WELD (3/8-16-THD)						
	13	1	230-0079	1	ELBOW						
	14	1	230-2521	1	BRACKET						
	15	1	249-3833	1	VALVE GP-DRAIN (WATER)						
	15A	1	3B-0551	1	PLUG-PIPE						
	15B	1	7N-1447	1	PLUG-DRAIN (WATER)						
		1	7X-2501	1	BOLT (1/4-20X1.25-IN)						
		1	249-3832	1	ADAPTER						
	16	1	0L-1351	1	BOLT (3/8-16X0.875-IN)						
	17	1	169-4279	1	CONNECTOR AS						
		1	8C-6872	1	CONNECTOR						
		1	6V-8398	1	SEAL-O-RING						
	18	1	170-0610	1	STUD (3/8-16-THD)						
	19	1	3D-2824	1	SEAL-O-RING						
	20	1	3J-1907	1	SEAL-O-RING						
	21	1	3K-0360	2	SEAL-O-RING						
	22	1	3S-8665	5	CLIP						
	23	1	4L-6454	2	BOLT (3/8-16X1-IN)						
	24	1	4L-6459	2	BOLT (3/8-16X2.5-IN)						
	25	1	4L-9337	4	BOLT (3/8-16X1.5-IN)						
	26	1	5P-8874	1	ADAPTER						
	27	1	5S-7383	7	BOLT (3/8-16X1.75-IN)						
	28	1	6V-8398	2	SEAL-O-RING						
	29	1	6V-8637	1	CONNECTOR						
	30	1	6V-8775	1	TEE-FACE SEAL						
	31	1	6V-8801	14	NUT (3/8-16-THD)						
	32	1	6V-9746	1	SEAL-O-RING						
	33	1	7R-0042	1	ADAPTER						
	34	1	7X-0290	1	BOLT (3/8-16X3.5-IN)						
	35	1	8T-4896	28	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	36	1	9B-7237	9	BOLT (3/8-16X1.25-IN)						
	37	1	9X-2493	1	ADAPTER						
E	38	1	328-2919		HOSE (14-CM)						
	39	1	148-8328	1	CONNECTOR AS						
		1	6V-8633	1	CONNECTOR						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-8398	1	SEAL-O-RING						

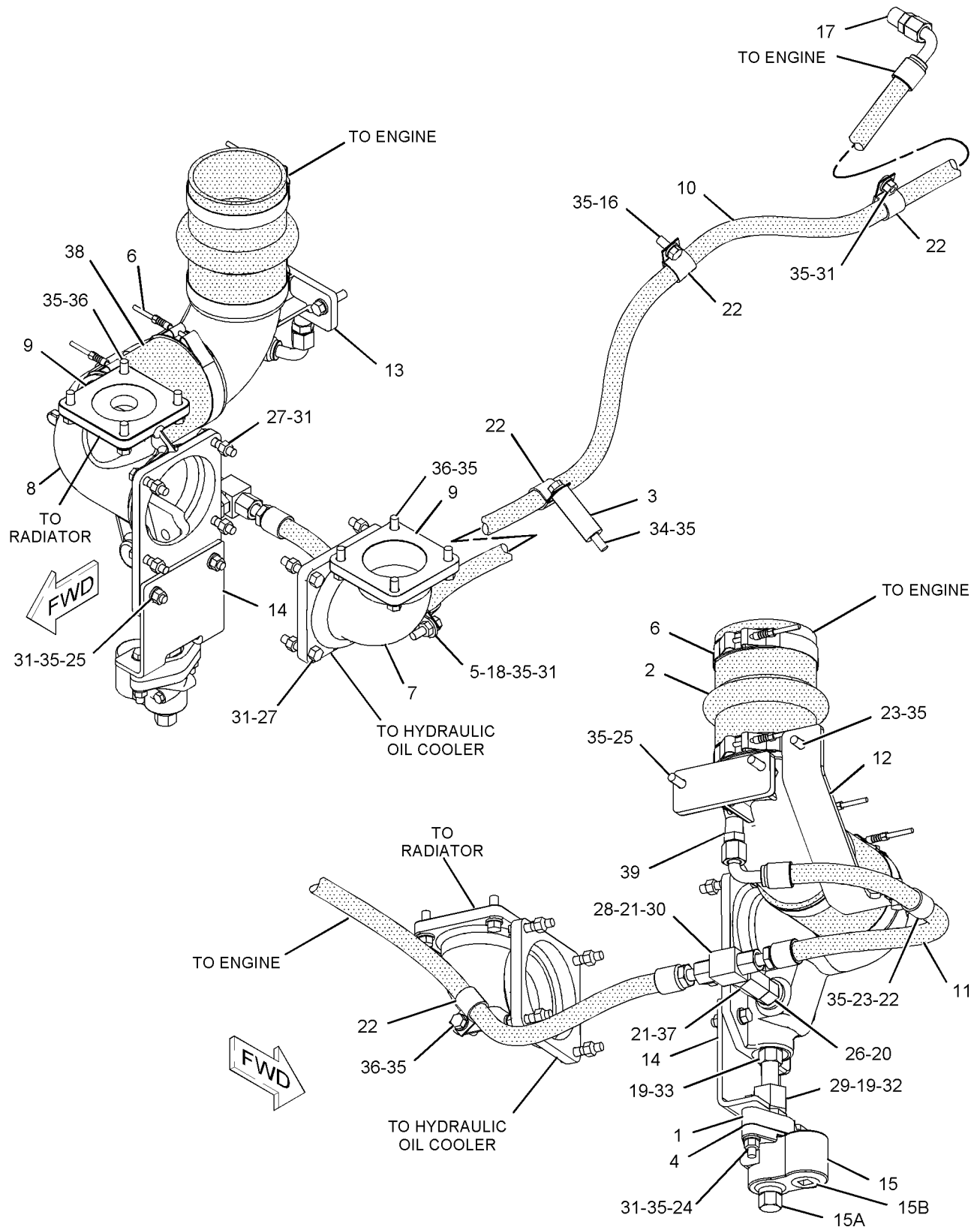
E-ORDER BY THE CENTIMETER

I-REFER TO HYDRAULIC INFORMATION SYSTEM

COOLING SYSTEM

212-7682 LINES GP-WATER (contd.)

i03531480



GRAPHIC #1

<END>

g01136408

COOLING SYSTEM

216-0823 LINES GP-WATER-ENGINE

S/N: EHX1-2328

PART OF 212-2737, 212-2744 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1380

i02466502

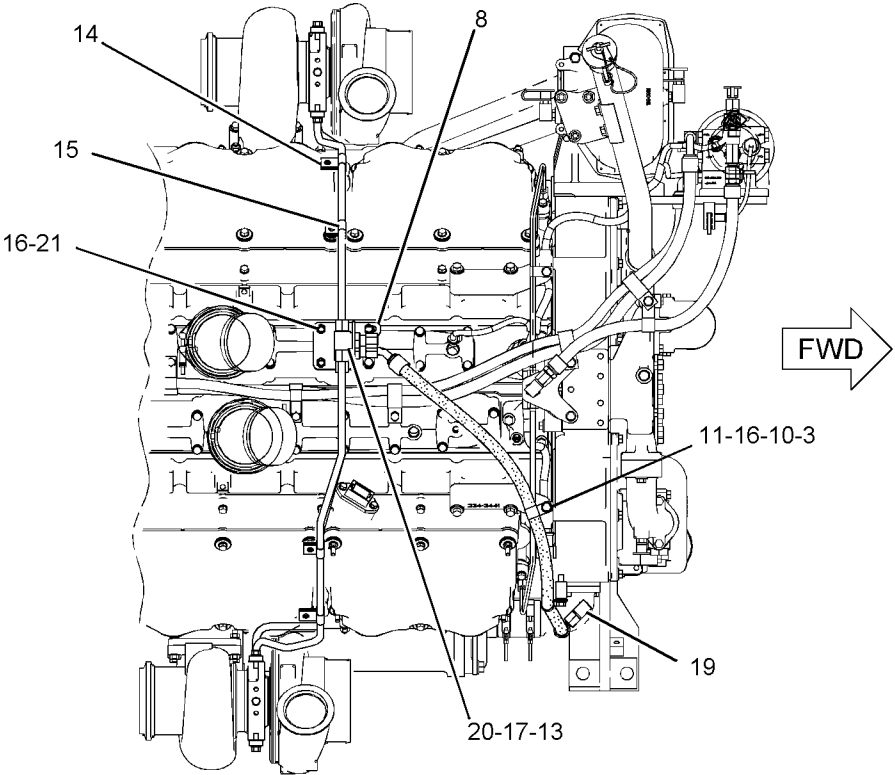
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7N-7628	8	GASKET						
	2	1	7N-7878	4	PLATE-COVER						
	3	1	9G-7101	2	SPACER (10.5X20X30-MM THK)						
	4	1	219-6027	1	TUBE AS						
	5	1	219-6028	1	TUBE AS						
	6	1	219-6029	1	TUBE AS						
	7	1	219-6030	1	TUBE AS						
	8	1	229-5122	1	BRACKET						
I	9	1	236-5418	1	HOSE AS						
	10	1	067-2551	2	CLIP						
	11	1	0S-1590	2	BOLT (3/8-16X2-IN)						
	12	1	0S-1594	16	BOLT (3/8-16X1-IN)						
	13	1	180-8424	5	SEAL-O-RING						
	14	1	1B-3057	4	CLIP						
	15	1	4B-0418	4	CLIP						
	16	1	5M-2894	21	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	17	1	6V-9169	2	NUT-BULKHEAD (13/16-16-THD)						
	18	1	7E-4039	1	ORIFICE						
	19	1	7L-7262	1	ELBOW-FLARED						
	20	1	7X-7715	2	TEE						
	21	1	1A-5183	3	BOLT (3/8-16X4.75-IN)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM

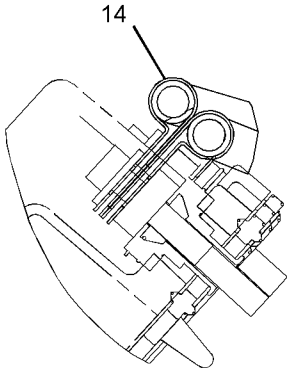
COOLING SYSTEM

216-0823 LINES GP-WATER (contd.)

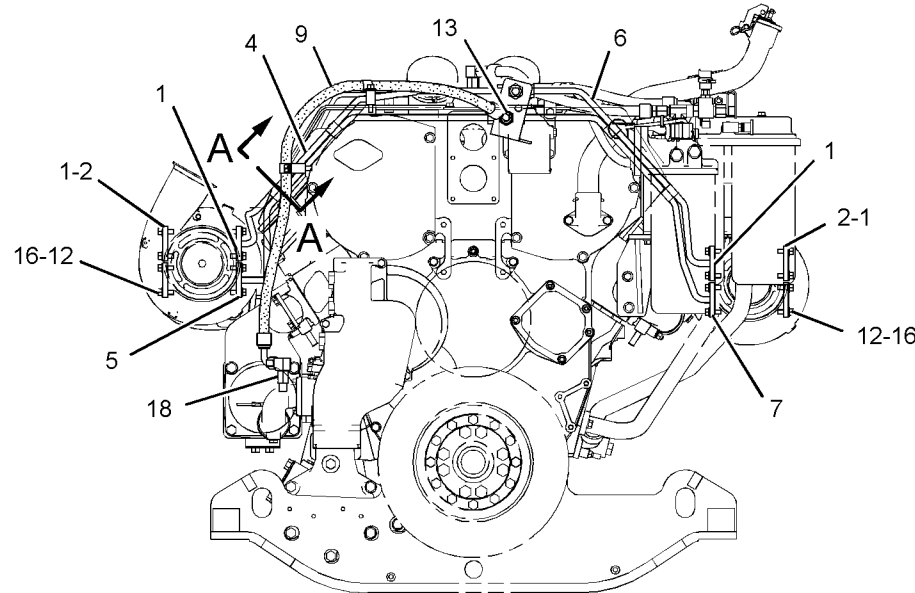
i02466502



TOP VIEW



SECTION A-A



FRONT VIEW
<END>

GRAPHIC #1

g01126016

COOLING SYSTEM

216-0823 LINES GP-WATER-ENGINE

S/N: EHX2329-2584

PART OF 212-2737, 212-2744, 271-2219 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1380

i02466807

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7N-7628	8	GASKET						
	2	1	7N-7878	4	PLATE-COVER						
	3	1	9G-7101	2	SPACER (10.5X20X30-MM THK)						
	4	1	219-6027	1	TUBE AS						
	5	1	219-6028	1	TUBE AS						
	6	1	219-6029	1	TUBE AS						
	7	1	219-6030	1	TUBE AS						
	8	1	229-5122	1	BRACKET						
I	9	1	236-5418	1	HOSE AS						
	10	1	067-2551	2	CLIP						
	11	1	0S-1590	2	BOLT (3/8-16X2-IN)						
C	12	1	0S-1594	12	BOLT (3/8-16X1-IN)						
	13	1	180-8424	5	SEAL-O-RING						
	14	1	1B-3057	4	CLIP						
	15	1	4B-0418	4	CLIP						
	16	1	5M-2894	21	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	17	1	6V-9169	2	NUT-BULKHEAD (13/16-16-THD)						
	18	1	7E-4039	1	ORIFICE						
	19	1	7L-7262	1	ELBOW-FLARED						
	20	1	7X-7715	2	TEE						
	21	1	1A-5183	3	BOLT (3/8-16X4.75-IN)						
C	22	1	0L-1143	2	BOLT (3/8-16X2.5-IN)						
C	23	1	0S-1619	2	BOLT (3/8-16X3-IN)						
C	24	1	2Y-6508	2	SPACER (10.5X19X50.8-MM THK)						
C	25	1	4W-7627	2	SPACER (11X19X37-MM THK)						

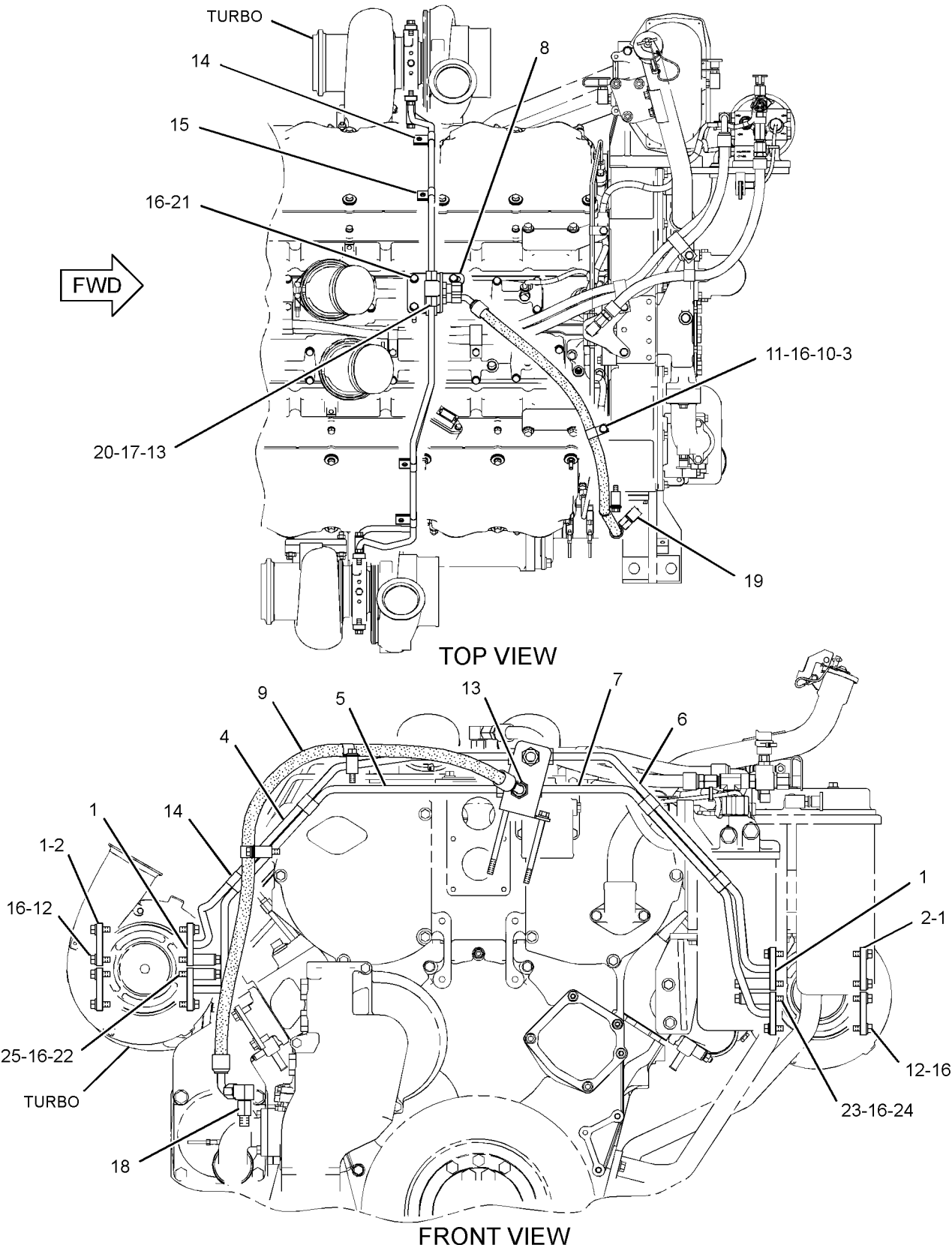
C-CHANGE FROM PREVIOUS TYPE

I-REFER TO HYDRAULIC INFORMATION SYSTEM

COOLING SYSTEM

216-0823 LINES GP-WATER (contd.)

i02466807



GRAPHIC #1

<END>

g01232578

COOLING SYSTEM

216-0823 LINES GP-WATER-ENGINE

S/N: EHX2585-2763

PART OF 212-2737, 271-2219 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1380

i02470602

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	4W-7627	2	SPACER (11X19X37-MM THK)						
	2	2	7N-7628	8	GASKET						
	3	2	7N-7878	4	PLATE-COVER						
C	4	2	7W-9094	2	SPACER (10.5X20X9-MM THK)						
C	5	2	118-0911	1	TEE-O-RING PORT						
C	6	2	157-0670	1	CAP-DUST						
	7	2	219-6027	1	TUBE AS						
	8	2	219-6028	1	TUBE AS						
	9	2	219-6029	1	TUBE AS						
	10	2	219-6030	1	TUBE AS						
	11	1	229-5122	1	BRACKET						
CI	12	2	277-6718	1	HOSE AS						
	13	2	067-2551	2	CLIP						
	14	2	0L-1143	2	BOLT (3/8-16X2.5-IN)						
C	15	2	0S-1588	1	BOLT (3/8-16X1.25-IN)						
	16	2	0S-1594	12	BOLT (3/8-16X1-IN)						
	17	2	0S-1619	2	BOLT (3/8-16X3-IN)						
C	18	2	154-9023	1	VALVE-SAMPLING (COOLANT)						
C	19	1	180-8424	6	SEAL-O-RING						
	20	1	1A-5183	3	BOLT (3/8-16X4.75-IN)						
	21	1, 2	1B-3057	4	CLIP						
	22	2	2Y-6508	2	SPACER (10.5X19X50.8-MM THK)						
C	23	2	3P-1932	1	ADAPTER						
C	24	2	3K-0360	3	SEAL-O-RING						
	25	1	4B-0418	4	CLIP						
	26	1, 2	5M-2894	21	WASHER-HARD (10.2X18.5X2.5-MM THK)						
C	27	1	6V-8639	1	CONNECTOR						
C	28	2	6V-9027	1	SEAL-O-RING						
	29	1	6V-9169	2	NUT-BULKHEAD (13/16-16-THD)						
	30	1	7X-7715	2	TEE						

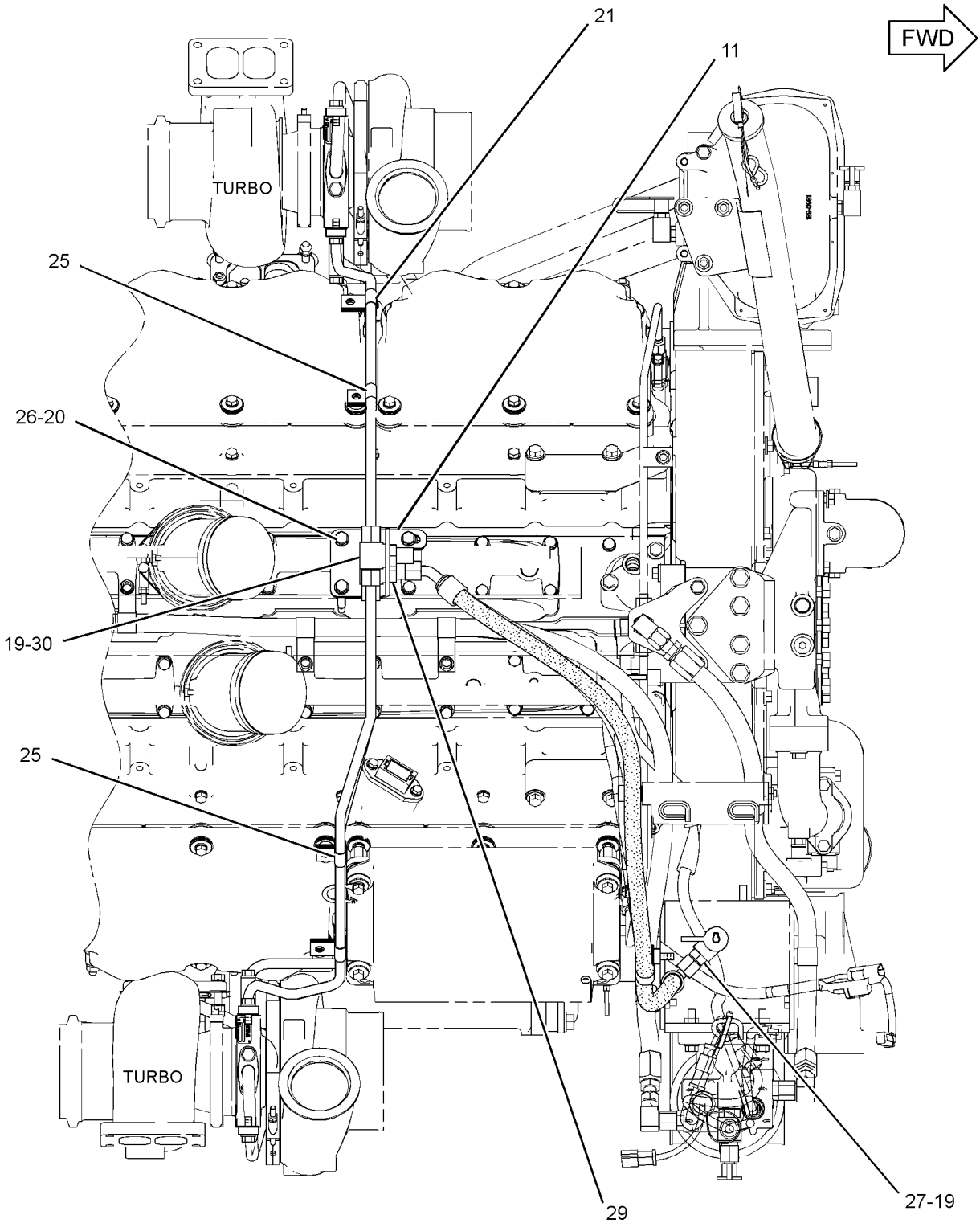
C-CHANGE FROM PREVIOUS TYPE

I-REFER TO HYDRAULIC INFORMATION SYSTEM

COOLING SYSTEM

216-0823 LINES GP-WATER (contd.)

i02470602



TOP VIEW

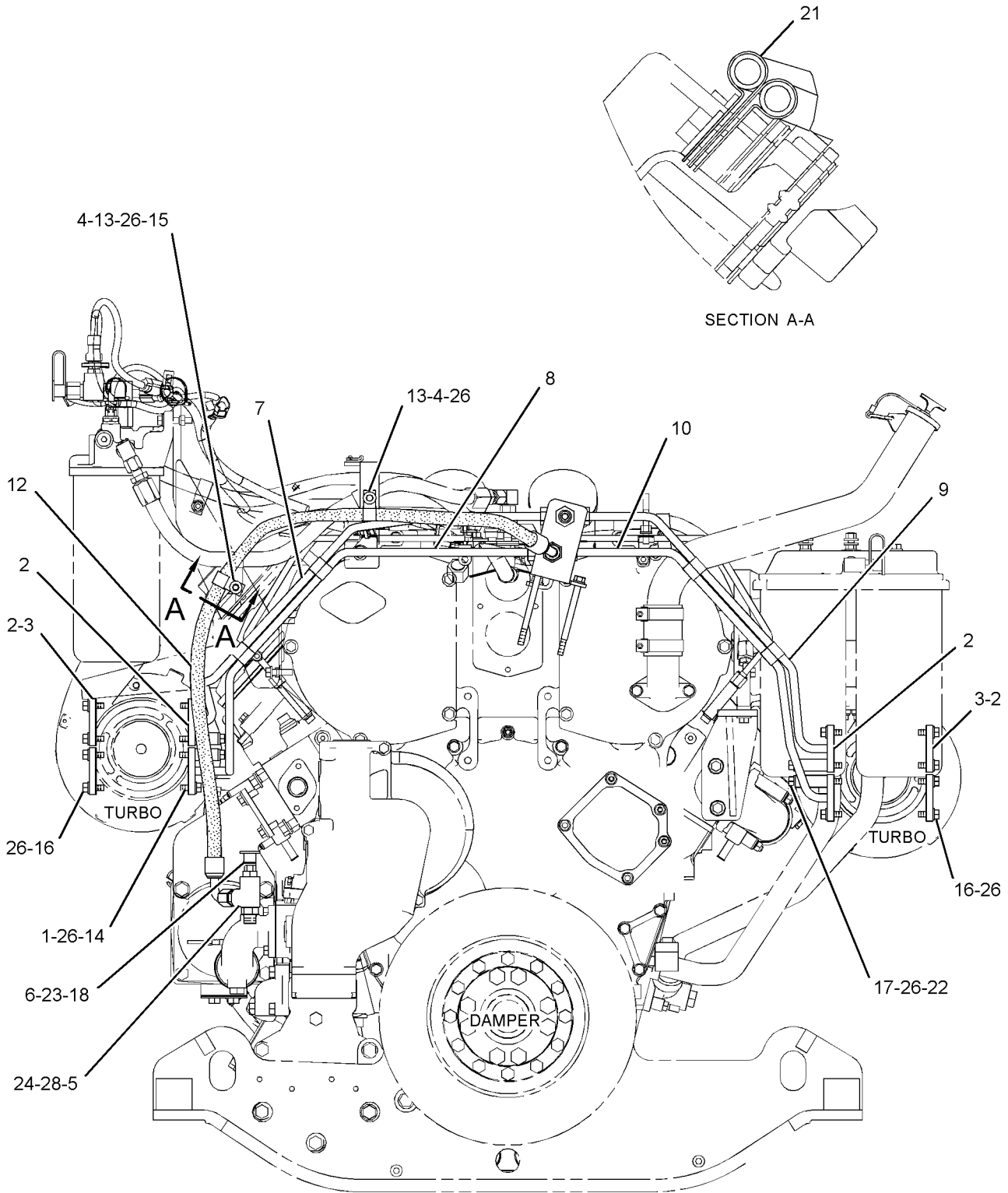
GRAPHIC #1

g01233817

COOLING SYSTEM

216-0823 LINES GP-WATER (contd.)

i02470602



FRONT VIEW

GRAPHIC #2

<END>

g01233958

COOLING SYSTEM

216-0823 LINES GP-WATER-ENGINE

S/N: EHX2764-UP

PART OF 271-2219, 271-2220 ENGINE AR-COMPLETE
ALSO AN ATTACHMENT

SMCS-1380

i03542481

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	4W-7627	2	SPACER (11X19X37-MM THK)						
	2	2	7N-7628	8	GASKET						
	3	2	7N-7878	4	PLATE-COVER						
C	4	2	9G-6640	1	SPACER (15.0X22.0X5-MM THK)						
	5	2	118-0911	1	TEE-O-RING PORT						
	6	2	157-0670	1	CAP-DUST						
	7	2	219-6027	1	TUBE AS						
	8	2	219-6028	1	TUBE AS						
	9	2	219-6029	1	TUBE AS						
	10	2	219-6030	1	TUBE AS						
	11	1	229-5122	1	BRACKET						
I	12	2	277-6718	1	HOSE AS						
C	13	2	1S-0994	1	CLIP						
	14	2	0L-1143	2	BOLT (3/8-16X2.5-IN)						
	15	2	0S-1595	1	BOLT (1/2-13X1.25-IN)						
	16	2	0S-1594	13	BOLT (3/8-16X1-IN)						
	17	2	0S-1619	2	BOLT (3/8-16X3-IN)						
	18	2	154-9023	1	VALVE-SAMPLING (COOLANT)						
	19	1	180-8424	6	SEAL-O-RING						
	20	1	1A-5183	3	BOLT (3/8-16X4.75-IN)						
	21	1, 2	1B-3057	4	CLIP						
	22	2	2Y-6508	2	SPACER (10.5X19X50.8-MM THK)						
	23	2	3P-1932	1	ADAPTER						
	24	2	3K-0360	3	SEAL-O-RING						
	25	1	4B-0418	4	CLIP						
	26	1, 2	5M-2894	20	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	27	1	6V-8639	1	CONNECTOR						
	28	2	6V-9027	1	SEAL-O-RING						
	29	1	6V-9169	2	NUT-BULKHEAD (13/16-16-THD)						
	30	1	7X-7715	2	TEE						
	31	2	5P-8245	1	WASHER-HARD (13.5X25.5X3-MM THK)						
	32	2	1S-1015	1	CLIP						

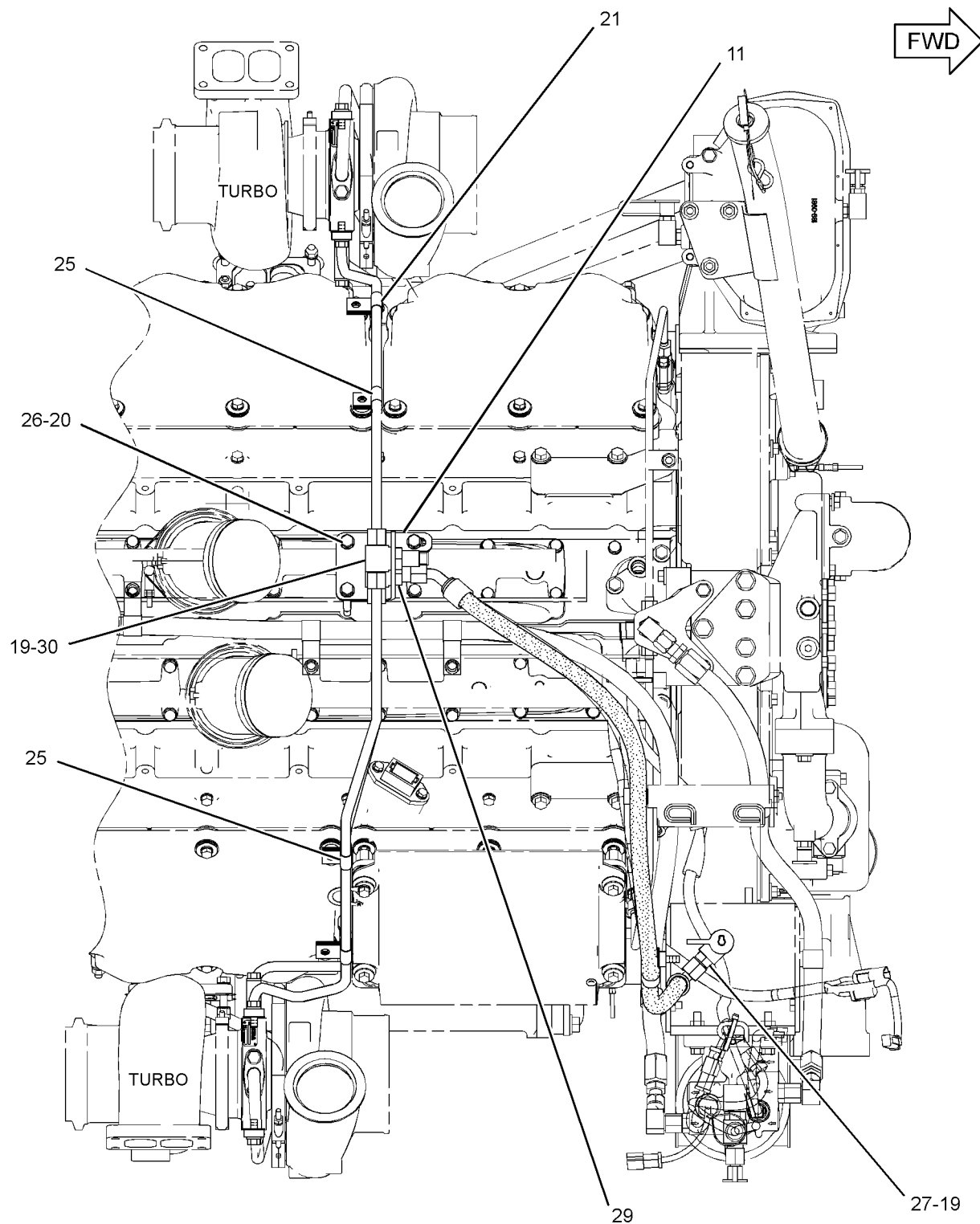
C-CHANGE FROM PREVIOUS TYPE

I-REFER TO HYDRAULIC INFORMATION SYSTEM

COOLING SYSTEM

216-0823 **LINES GP-WATER** (contd.)

i03542481



TOP VIEW

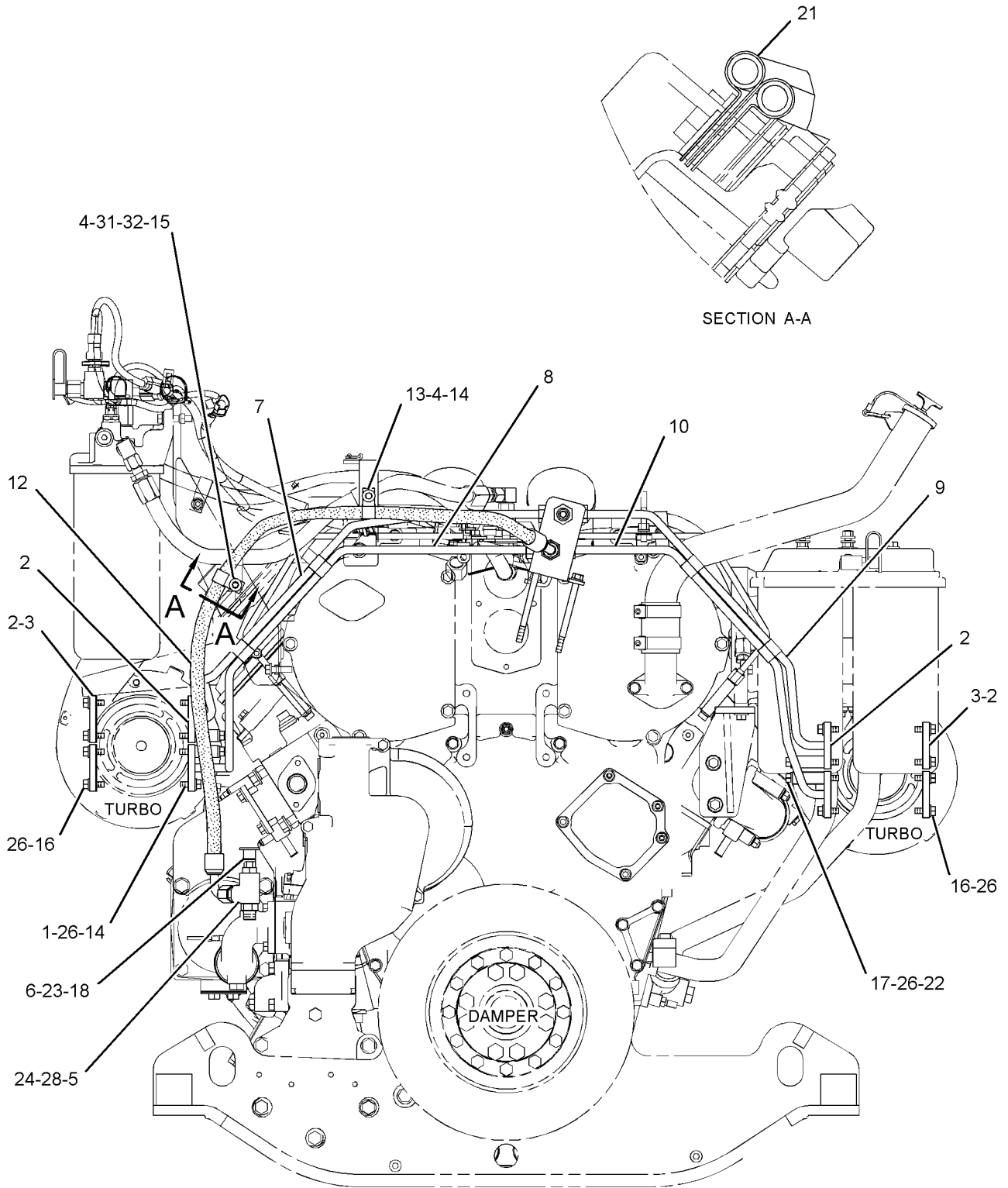
GRAPHIC #1

g01233817

COOLING SYSTEM

216-0823 LINES GP-WATER (contd.)

i03542481



FRONT VIEW

<END>

GRAPHIC #2

g01858343

COOLING SYSTEM

216-0824 LINES GP-WATER

S/N: EHX1-2762

PART OF 212-2737, 212-2744, 271-2219 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1380

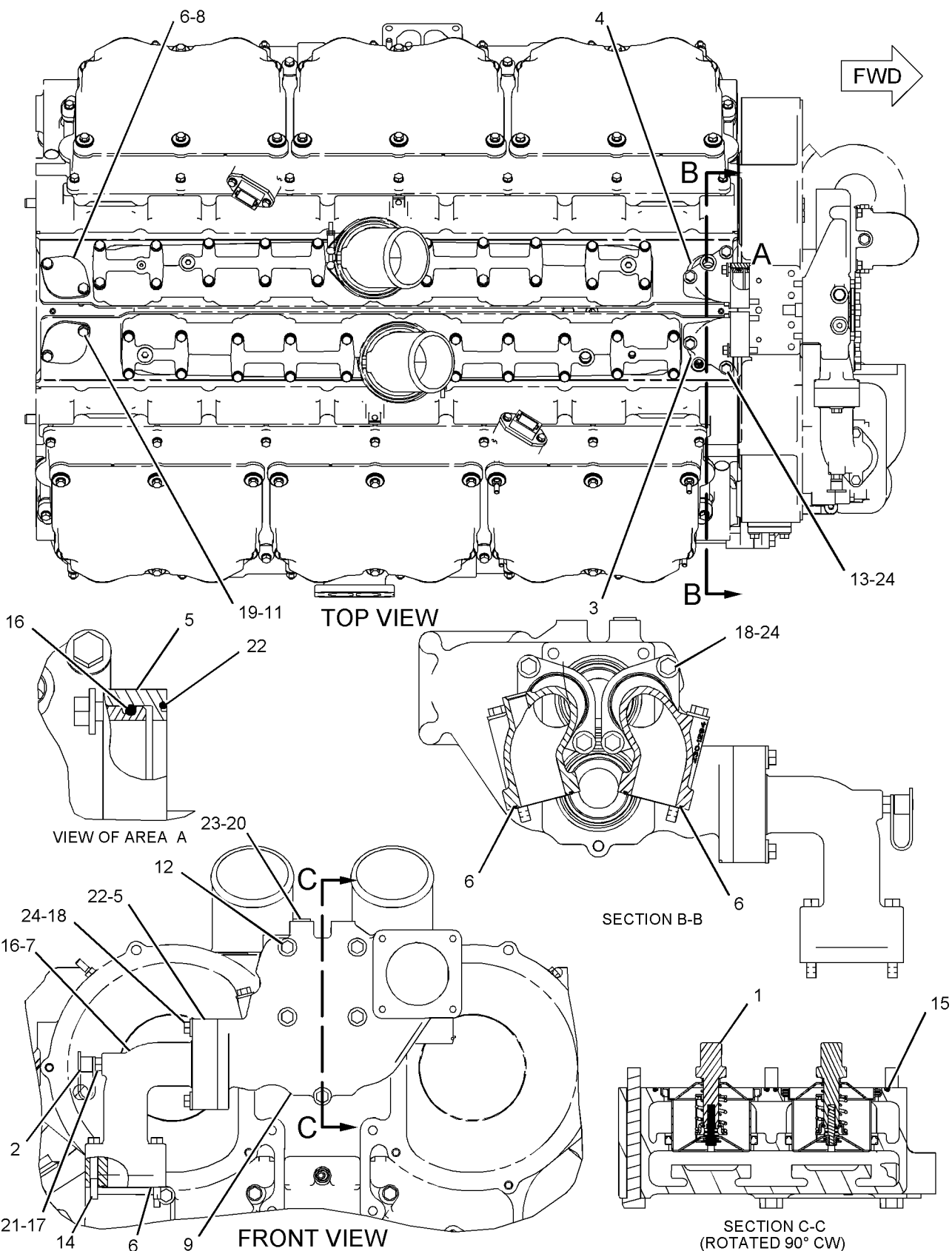
i03508745

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	248-5513	2	REGULATOR-TEMPERATURE (92-DEG C) (WATER)						
	2	1	157-0670	1	CAP-DUST						
	3	1	230-1294	1	ELBOW						
	4	1	230-1296	1	ELBOW						
	5	1	230-1302	3	FLANGE						
	6	1	231-4708	5	SEAL-O-RING						
	7	1	234-3438	1	ELBOW						
	8	1	236-2502	2	COVER						
	9	1	239-5225	1	HOUSING AS						
		1	3B-0622	1	PLUG-CUP						
		1	3S-9643	2	SEAL-LIP TYPE (WATER TEMPERATURE REGULATOR)						
		1	111-4374	1	VALVE AS-VENT LINE						
	11	1	0S-1594	4	BOLT (3/8-16X1-IN)						
	12	1	0S-1608	5	BOLT (3/8-16X3.75-IN)						
	13	1	0T-0055	4	BOLT (3/8-16X4.25-IN)						
	14	1	0T-0573	2	BOLT (3/8-16X2.75-IN)						
	15	1	107-5769	2	SEAL-O-RING						
	16	1	109-0076	3	SEAL-O-RING						
	17	1	154-9023	1	VALVE-SAMPLING (ENGINE COOLANT)						
	18	1	1C-2251	6	BOLT (3/8-16X1.87-IN)						
	19	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	20	1	6V-6609	1	SEAL-O-RING						
	21	1	6V-9027	1	SEAL-O-RING						
	22	1	8T-1703	3	SEAL-O-RING						
	23	1	9S-8005	1	PLUG-O-RING						
	24	1	9X-6458	10	WASHER-HARD (10.2X22.5X3-MM THK)						

COOLING SYSTEM

216-0824 LINES GP-WATER (contd.)

i03508745



GRAPHIC #1

<END>

g01103226

COOLING SYSTEM

216-0825 LINES GP-WATER

S/N: EHX1-2584

PART OF 212-2737, 212-2744, 271-2219 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1380

i02044750

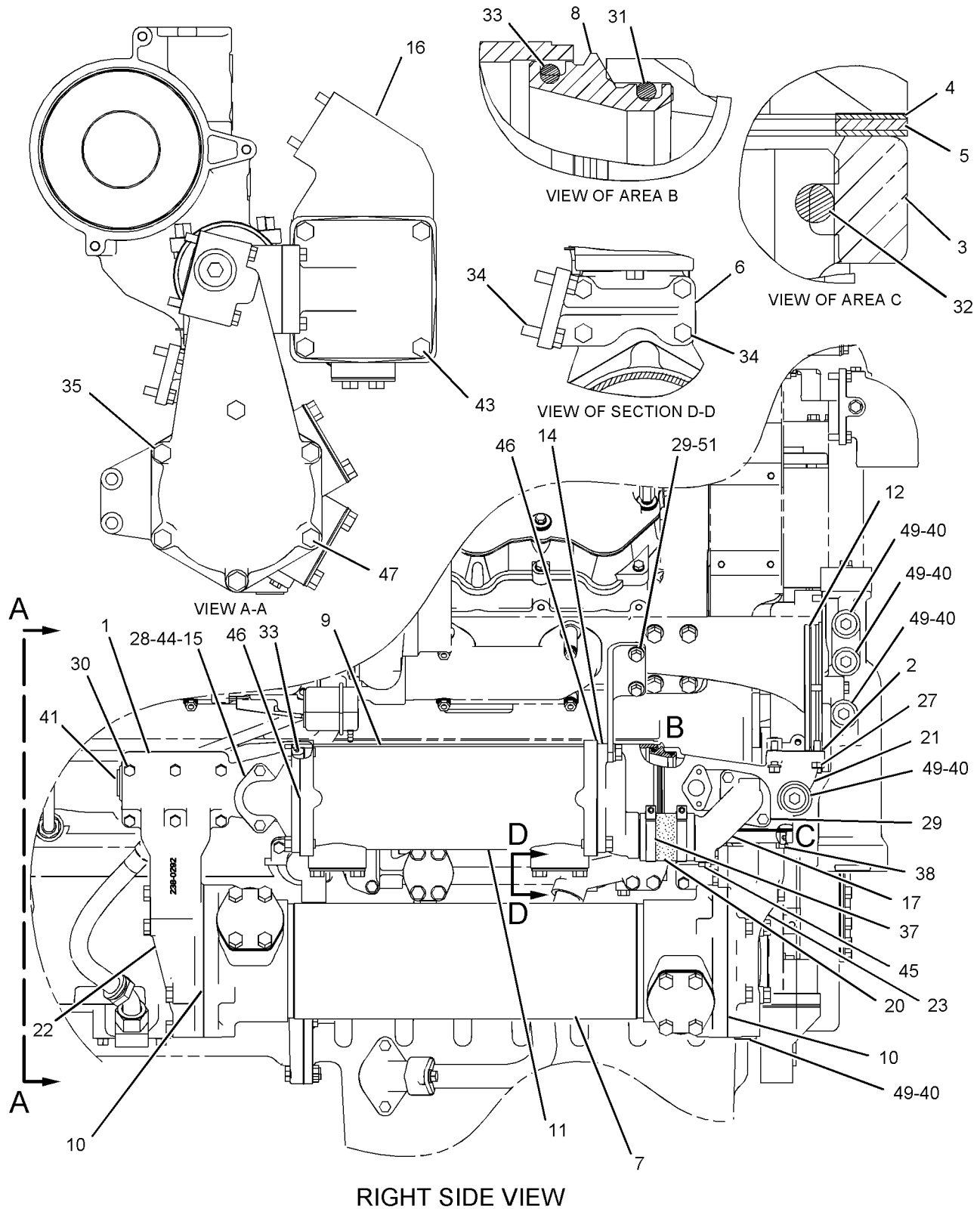
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4N-0864	1	GASKET						
	2	1	4N-1946	1	GASKET						
	3	1	4N-2198	1	FLANGE						
	4	1	4N-2199	2	GASKET						
	5	1	4N-2380	1	SPACER						
	6	1	4N-8452	1	SUPPORT						
R	7	1	4W-5412	1	CORE GP-OIL COOLER						
	8	1	6N-0008	1	ADAPTER						
R	9	1	7C-0145	1	CORE AS-OIL COOLER						
		1	OR-5513	1	CORE AS-OIL COOLER						
	10	1	7S-8767	2	GASKET						
	11	1	190-3832	1	CORE GP-OIL COOLER						
		1	6V-5049	1	SEAL-O-RING						
		1	9S-4191	1	PLUG-O-RING						
	12	1	192-4309	1	SEAL-O-RING						
	13	2	200-6410	1	SEAL-O-RING						
	14	1	217-6643	1	BONNET-INLET						
	15	1	217-6645	1	BONNET-OUTLET						
	16	1	217-6649	1	PLATE						
	17	1	217-6652	1	ELBOW						
	18	2	233-4877	1	COVER-WATER PUMP						
	19	2	235-4753	1	ELBOW						
	20	1	236-5423	1	HOSE						
	21	1	238-0283	1	BONNET AS-OIL COOLER						
	22	1	238-0292	1	BONNET						
	23	1	238-0994	1	BONNET						
	24	2	249-5544	1	BRACKET AS						
	25	2	OL-1143	2	BOLT (3/8-16X2.5-IN)						
	26	2	OS-1587	5	BOLT (1/2-13X1.75-IN)						
	27	1,2	OS-1588	5	BOLT (3/8-16X1.25-IN)						
	28	1	OS-1591	2	BOLT (3/8-16X1.5-IN)						
	29	1,2	OS-1594	7	BOLT (3/8-16X1-IN)						
	30	1	OS-1619	6	BOLT (3/8-16X3-IN)						
	31	1	109-0074	1	SEAL-O-RING						
	32	1	109-0075	1	SEAL-O-RING						
	33	1	109-0077	2	SEAL-O-RING						
	34	1	1A-2029	6	BOLT (3/8-16X1.125-IN)						
	35	1,2	1B-2886	4	BOLT (1/2-13X3.75-IN)						
	36	2	1C-2251	1	BOLT (3/8-16X1.87-IN)						
	37	1	215-4013	2	CLAMP						
	38	1	3B-1915	3	BOLT (3/8-16X1.375-IN)						
	39	2	5P-8245	6	WASHER-HARD (13.5X25.5X3-MM THK)						
	40	1	6V-5063	5	SEAL-O-RING						
	41	1	6V-5064	1	SEAL-O-RING						
	42	2	6V-9027	3	SEAL-O-RING						
	43	1,2	7B-3235	6	BOLT (1/2-13X1.375-IN)						
	44	1,2	7C-0307	2	GASKET						
	45	1	8T-6767	1	PLUG-PIPE						
	46	1	9M-8546	2	GASKET						
	47	1	9S-1366	3	BOLT (1/2-13X2.5-IN)						
	48	2	9S-4182	3	PLUG-O-RING						
	49	1	9S-8008	5	PLUG-O-RING						
	51	1,2	9X-6458	3	WASHER-HARD (10.2X22.5X3-MM THK)						
	52	2	9X-8874	2	BOLT (1/2-13X3-IN)						

R-REMFG PART MAY BE AVAILABLE

COOLING SYSTEM

216-0825 **LINES GP-WATER** (contd.)

i02044750



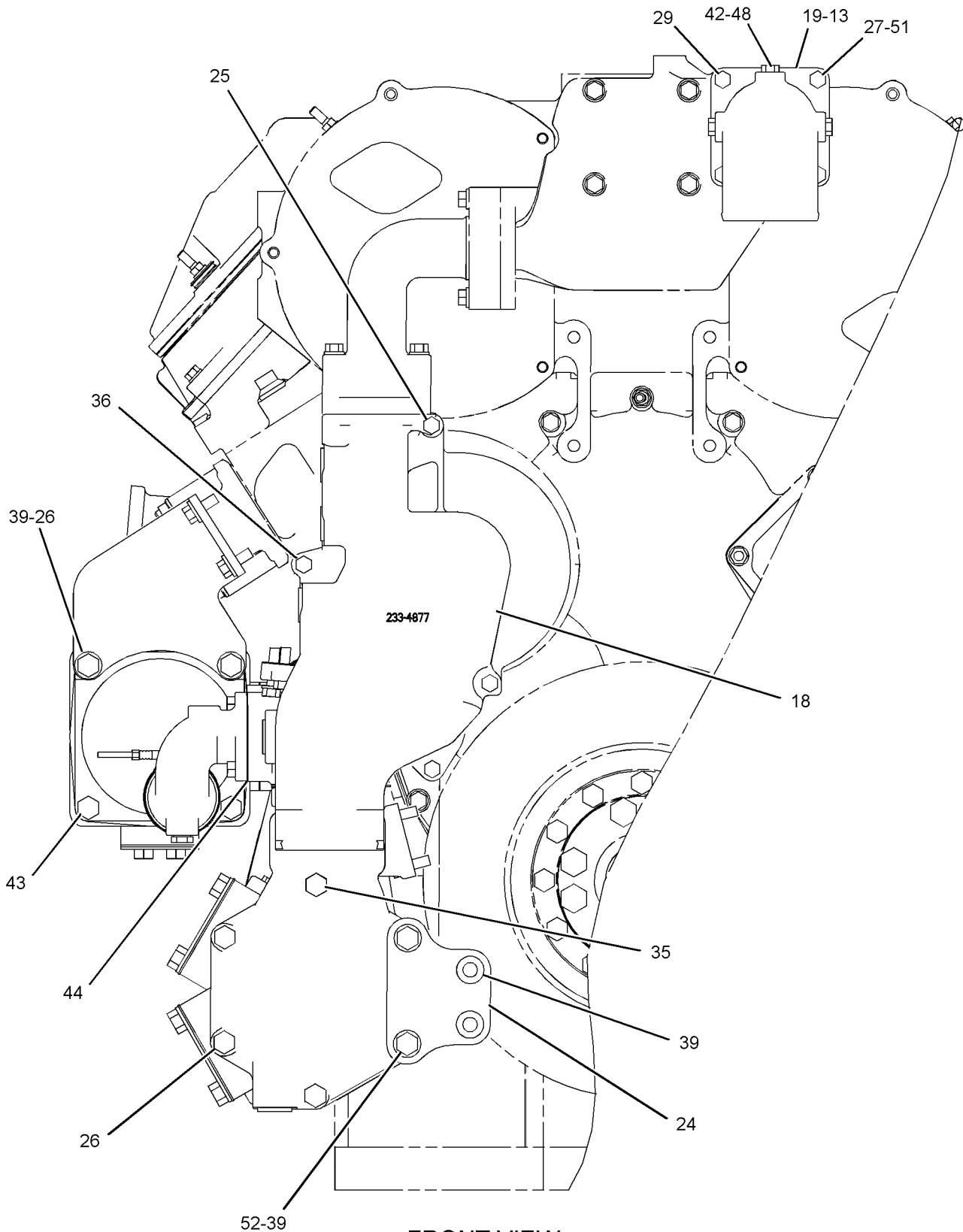
GRAPHIC #1

g01052181

COOLING SYSTEM

216-0825 LINES GP-WATER (contd.)

i02044750



FRONT VIEW
<END>

GRAPHIC #2

g01052525

COOLING SYSTEM

216-0825 LINES GP-WATER

S/N: EHX2585-UP

PART OF 212-2737, 271-2219, 271-2220 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1380

i02470605

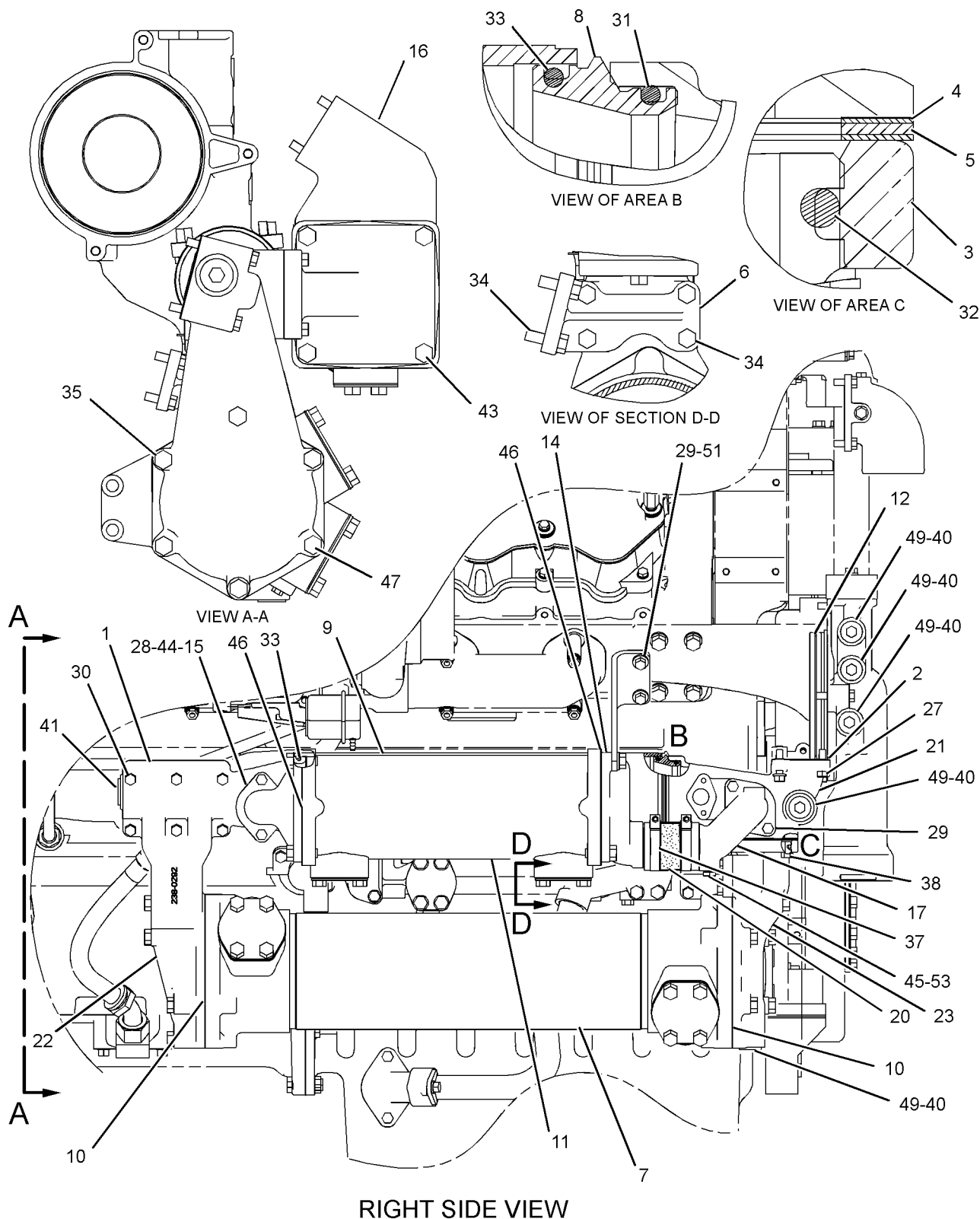
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4N-0864	1	GASKET						
	2	1	4N-1946	1	GASKET						
	3	1	4N-2198	1	FLANGE						
	4	1	4N-2199	2	GASKET						
	5	1	4N-2380	1	SPACER						
	6	1	4N-8452	1	SUPPORT						
R	7	1	4W-5412	1	CORE GP-OIL COOLER						
	8	1	6N-0008	1	ADAPTER						
R	9	1	7C-0145	1	CORE AS-OIL COOLER (ENGINE OIL)						
		1	OR-5513	1	CORE AS-OIL COOLER						
	10	1	7S-8767	2	GASKET						
	11	1	190-3832	1	CORE GP-OIL COOLER						
		1	6V-5049	1	SEAL-O-RING						
		1	9S-4191	1	PLUG-O-RING						
	12	1	192-4309	1	SEAL-O-RING						
	13	2	200-6410	1	SEAL-O-RING						
	14	1	217-6643	1	BONNET-INLET						
	15	1	217-6645	1	BONNET-OUTLET						
	16	1	217-6649	1	PLATE						
C	17	1	277-6717	1	ELBOW (1)						
	18	2	233-4877	1	COVER-WATER PUMP						
	19	2	235-4753	1	ELBOW						
	20	1	236-5423	1	HOSE						
	21	1	238-0283	1	BONNET AS-OIL COOLER						
	22	1	238-0292	1	BONNET						
	23	1	238-0994	1	BONNET						
	24	2	249-5544	1	BRACKET AS						
	25	2	OL-1143	2	BOLT (3/8-16X2.5-IN)						
	26	2	OS-1587	5	BOLT (1/2-13X1.75-IN)						
	27	1, 2	OS-1588	5	BOLT (3/8-16X1.25-IN)						
	28	1	OS-1591	2	BOLT (3/8-16X1.5-IN)						
	29	1, 2	OS-1594	7	BOLT (3/8-16X1-IN)						
	30	1	OS-1619	6	BOLT (3/8-16X3-IN)						
	31	1	109-0074	1	SEAL-O-RING						
	32	1	109-0075	1	SEAL-O-RING						
	33	1	109-0077	2	SEAL-O-RING						
	34	1	1A-2029	6	BOLT (3/8-16X1.125-IN)						
	35	1, 2	1B-2886	4	BOLT (1/2-13X3.75-IN)						
	36	2	1C-2251	1	BOLT (3/8-16X1.87-IN)						
	37	1	215-4013	2	CLAMP						
	38	1	3B-1915	3	BOLT (3/8-16X1.375-IN)						
	39	2	5P-8245	6	WASHER-HARD (13.5X25.5X3-MM THK)						
	40	1	6V-5063	5	SEAL-O-RING						
	41	1	6V-5064	1	SEAL-O-RING						
	42	2	6V-9027	3	SEAL-O-RING						
	43	1, 2	7B-3235	6	BOLT (1/2-13X1.375-IN)						
	44	1, 2	7C-0307	2	GASKET						
C	45	1	9S-4185	1	PLUG-O-RING						
	46	1	9M-8546	2	GASKET						
	47	1	9S-1366	3	BOLT (1/2-13X2.5-IN)						
	48	2	9S-4182	3	PLUG-O-RING						
	49	1	9S-8008	5	PLUG-O-RING						
	51	1, 2	9X-6458	3	WASHER-HARD (10.2X22.5X3-MM THK)						
	52	2	9X-8874	2	BOLT (1/2-13X3-IN)						
C	53	1	3K-0360	1	SEAL-O-RING						

COOLING SYSTEM

216-0825 LINES GP-WATER (contd.)

i02470605

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



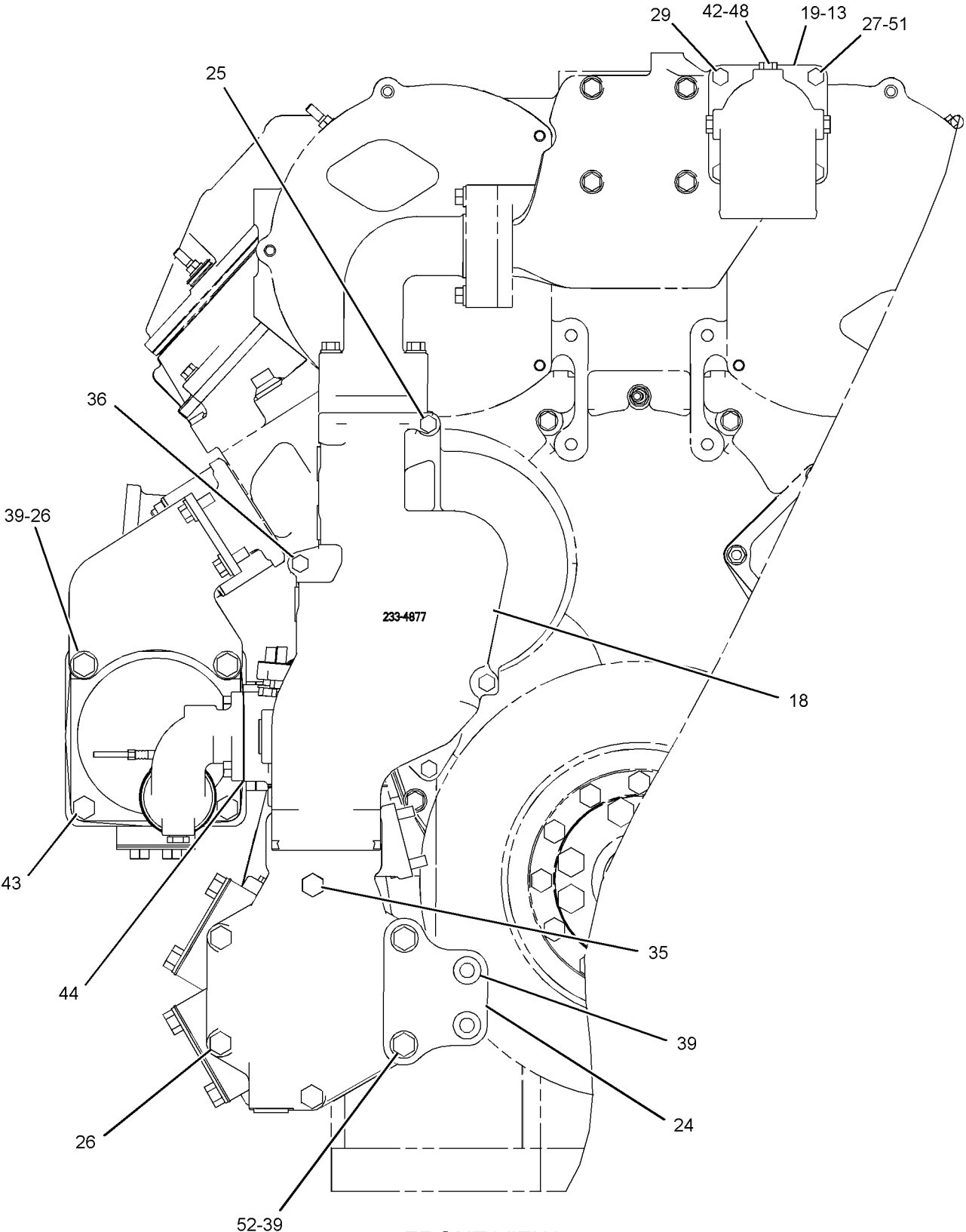
GRAPHIC #1

g01233396

COOLING SYSTEM

216-0825 LINES GP-WATER (contd.)

i02470605



FRONT VIEW
<END>

GRAPHIC #2

g01052525

COOLING SYSTEM

238-7590 LINES GP-WATER-ENGINE

S/N: EHX2763-UP

PART OF 271-2219, 271-2220 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1380

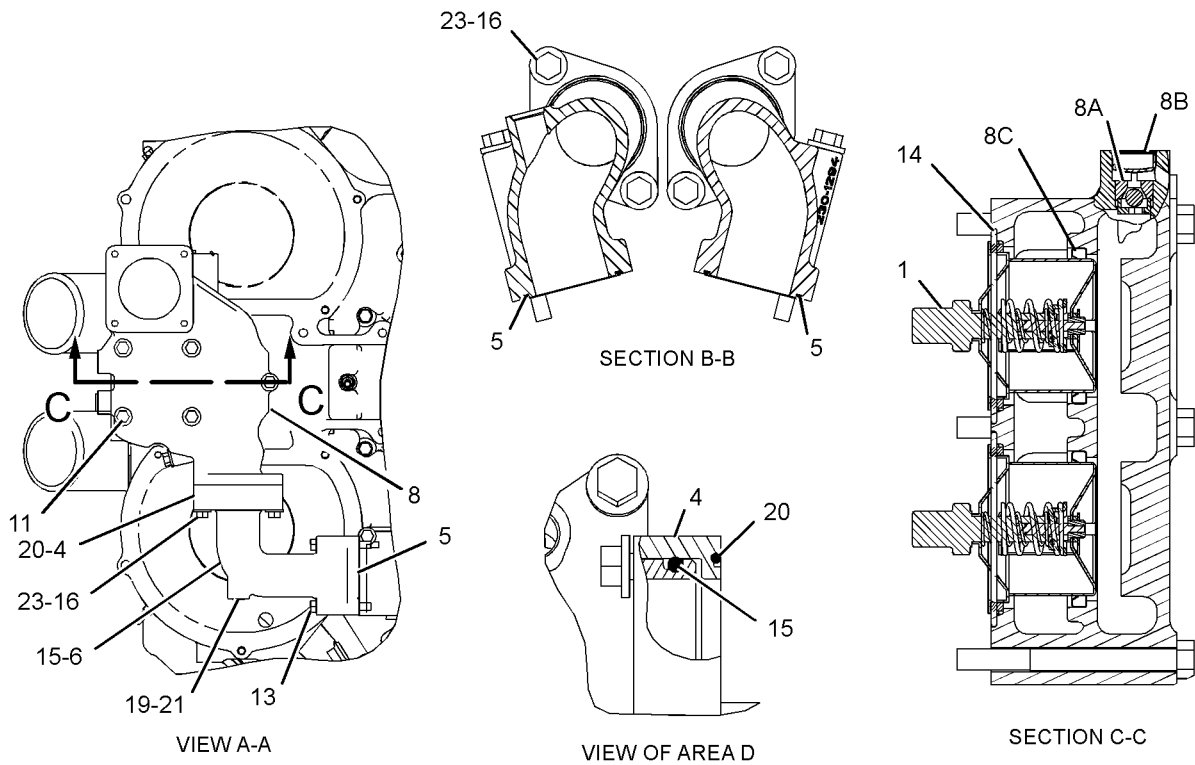
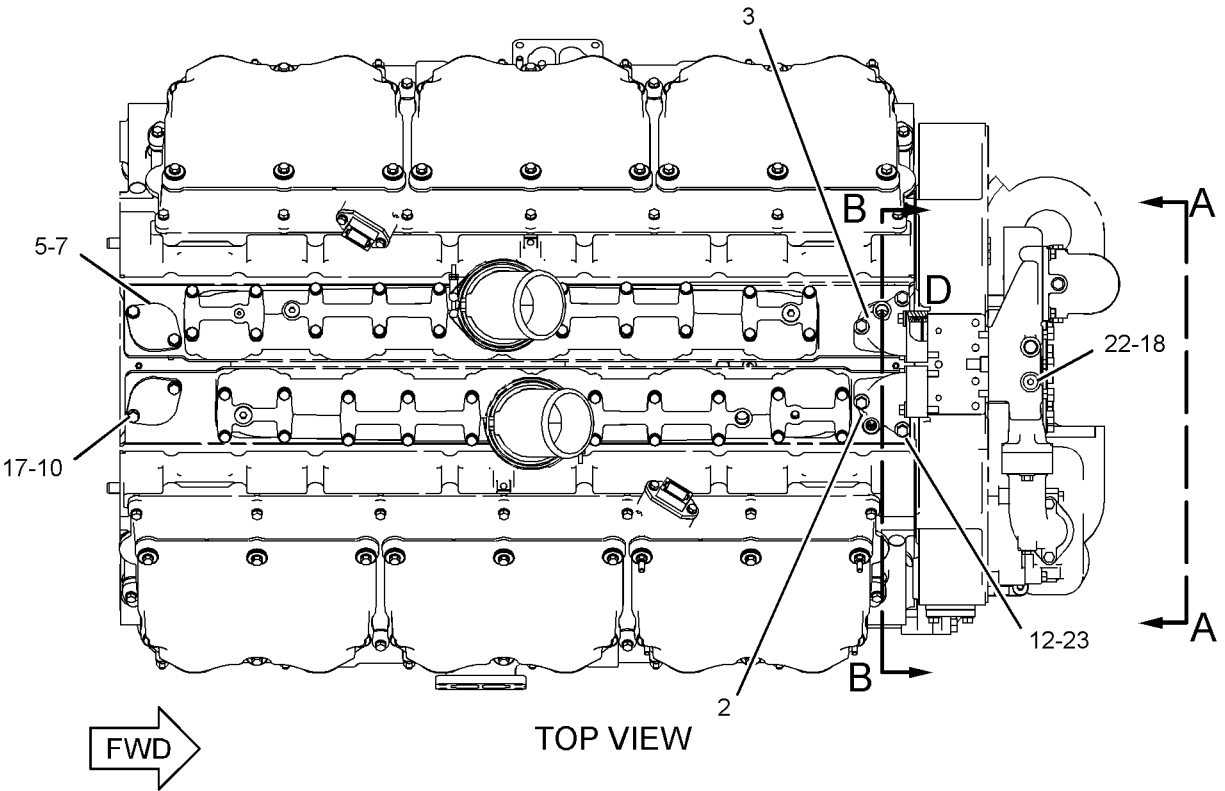
i02305211

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	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-VENT LINE						
	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-O-RING						
	22	1	9S-8005	1	PLUG-O-RING (3/4-16-THD)						
	23	1	9X-6458	10	WASHER-HARD (10.2X22.5X3-MM THK)						

COOLING SYSTEM

238-7590 LINES GP-WATER (contd.)

i02305211



GRAPHIC #1

<END>

g01155552

COOLING SYSTEM

216-0657 PUMP GP-WATER*R

S/N: EHX1-UP

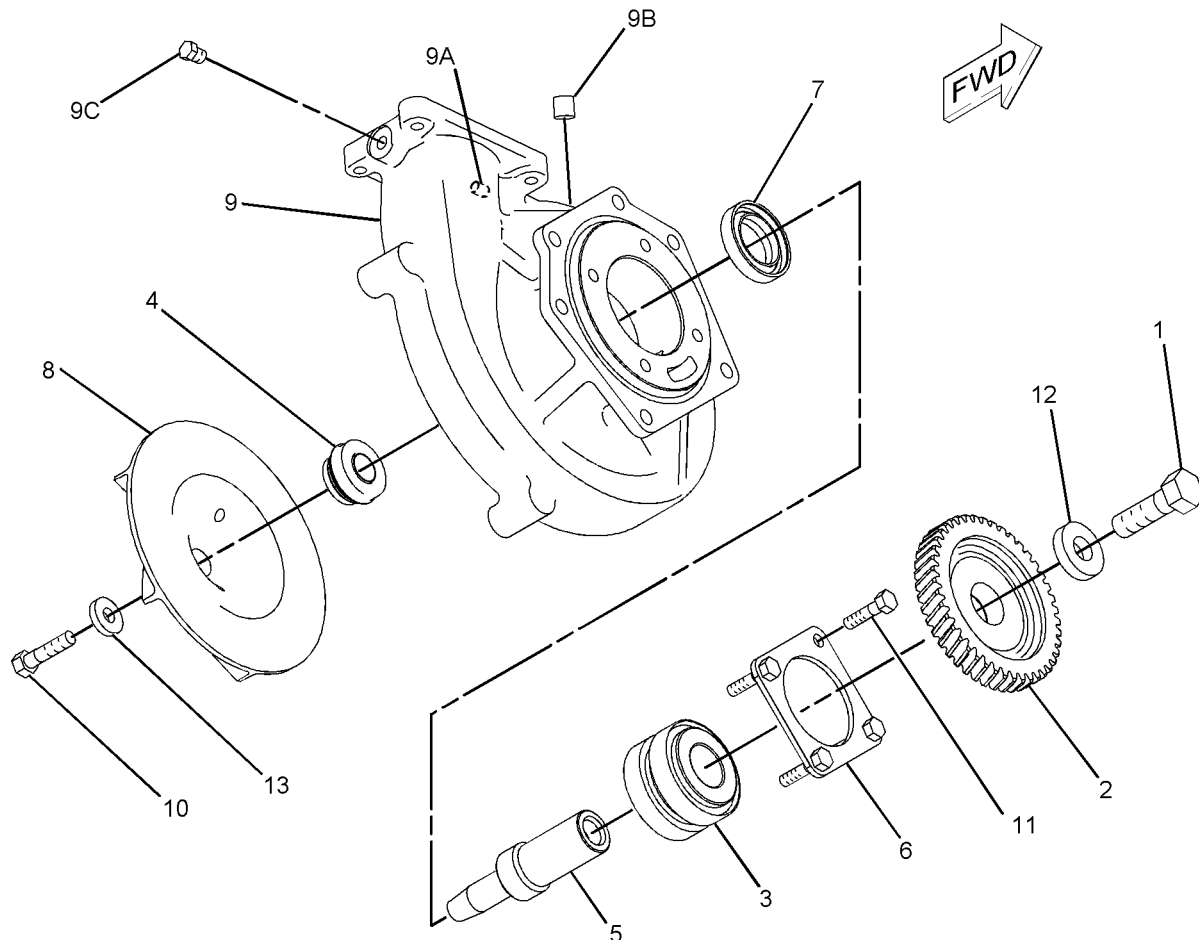
PART OF 230-4172 PUMP GP-WATER
ALSO AN ATTACHMENT

SMCS-1361

i02660164

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	1A-1135	1	BOLT (5/8-11X2-IN)	
	2	1	4N-1948	1	GEAR (43-TEETH)	
W	3	1	108-7930	1	BEARING AS-ROLLER	
W	4	1	128-0317	1	SEAL GP (WATER PUMP)	
W	5	1	135-4928	1	SHAFT-WATER PUMP	
W	6	1	136-1107	1	RETAINER	
W	7	1	153-1256	1	SEAL-LIP TYPE	
	8	1	219-4455	1	IMPELLER-PUMP	
	9	1	219-4456	1	HOUSING AS-PUMP	
	9A	1	4M-1336	1	FERRULE	
W	9B	1	111-2721	1	PLUG-FELT (WATER PUMP)	
	9C	1	8T-6764	1	PLUG-PIPE	
	10	1	0S-1591	1	BOLT (3/8-16X1.5-IN)	
	11	1	1B-7182	4	BOLT (5/16-18X1.25-IN)	
W	12	1	5S-0581	1	WASHER-HARD (17X38X8-MM THK)	
W	13	1	9M-6527	1	WASHER-HARD (10.2X25.5X5-MM THK)	
AVAILABLE REPAIR KIT(S):						
W			138-6744	1	KIT-PUMP REBUILD (WATER)	

W-KIT MARKED W INCLUDES PARTS MARKED W



GRAPHIC #1

<END>

g01051646

COOLING SYSTEM

230-4172 PUMP GP-WATER

S/N: EHX1-UP

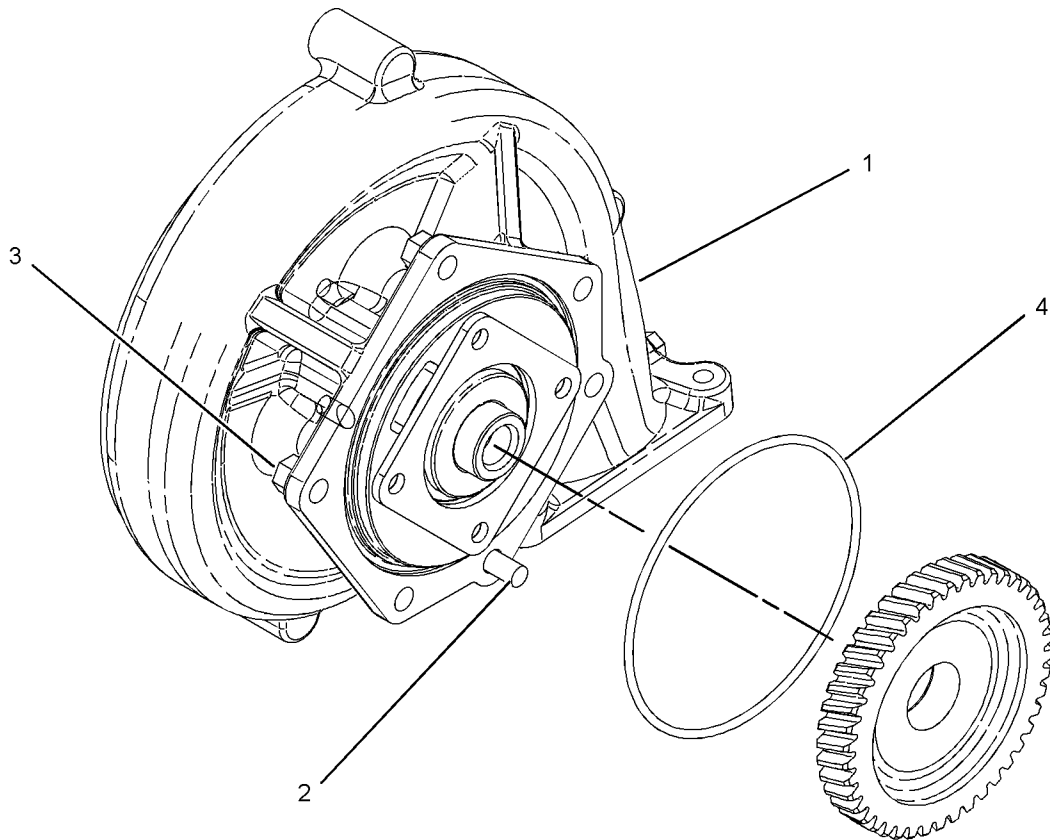
PART OF 212-2737, 212-2744, 271-2219, 271-2220 ENGINE AR-COMPLETE
ALSO AN ATTACHMENT

SMCS-1361

i02803400

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
YR	1	1	216-0657	1	PUMP GP-WATER (BASIC)	154
	2	1	1A-2029	1	BOLT (3/8-16X1.125-IN)	
	3	1	9S-8752	4	NUT-FULL (3/8-16-THD)	
	4	1	9X-7371	1	SEAL-O-RING	

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01052763

COOLING SYSTEM

267-2901 RADIATOR AR-TRASH RESISTANT AMOCS

S/N: RJG1-UP

PART OF 238-4498 STOCKPILE AR
FOR USE WITH 267-2900-PAGE 28
AN ATTACHMENT

SMCS-1353

i02467382

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	163-4057	2	CORE AS-RADIATOR						
	256-2090	10	CORE AS-RADIATOR						
<END>									

COOLING SYSTEM

296-6740 RADIATOR AR

S/N: RJG1-UP

PART OF 324-3735 STOCKPILE AR
AN ATTACHMENT

SMCS-1353

i02640486

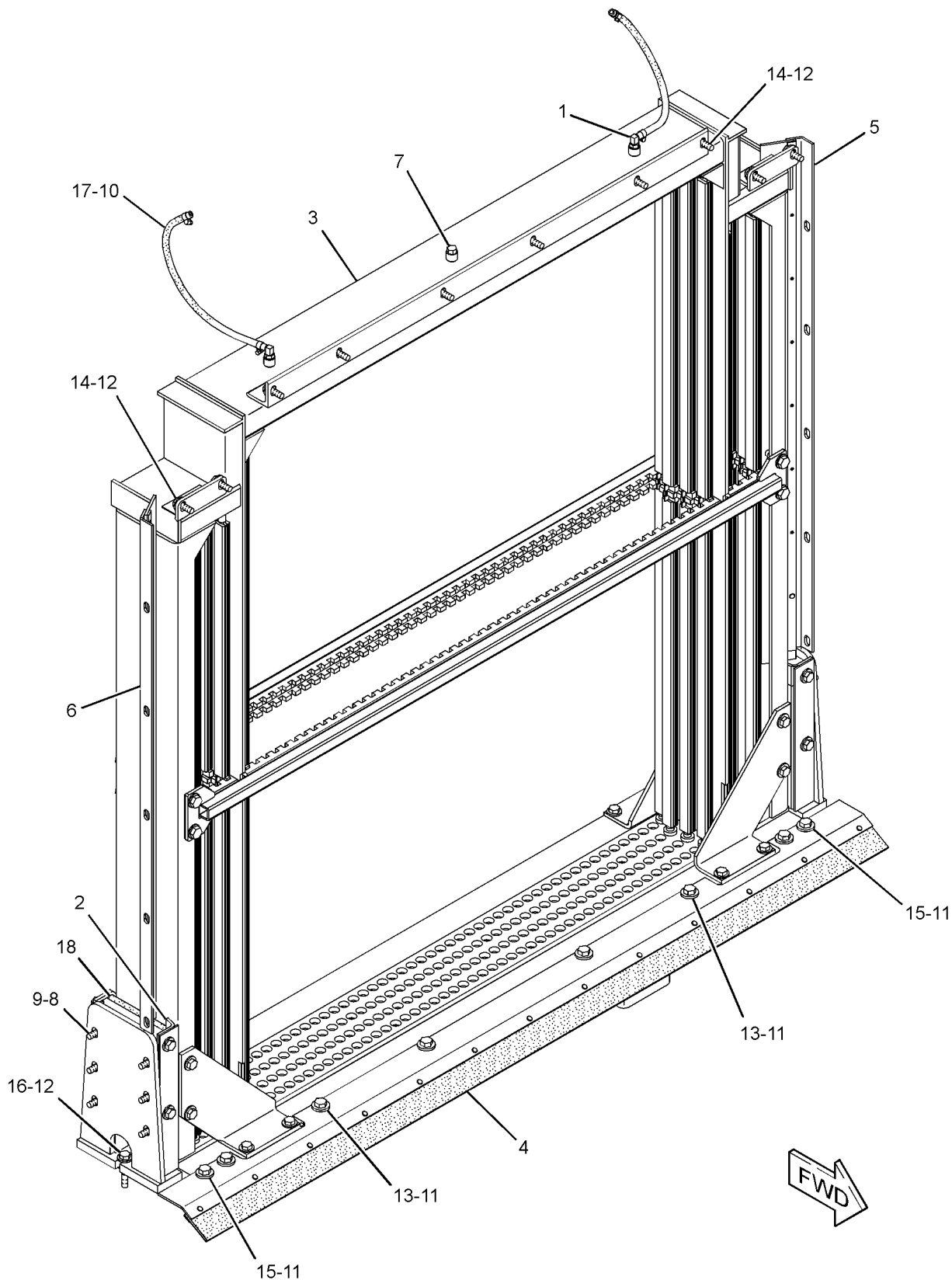
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	188-3034	2	ELBOW AS						
					(EACH INCLUDES)						
		1	6V-1355	1	ELBOW						
		1	3J-7354	1	SEAL-O-RING						
	2	1	217-3118	2	BAFFLE AS						
Y	3	1	296-6741	1	RADIATOR GP						169
	4	1	300-4049	1	BAFFLE AS						
	5	1	300-4050	1	BAFFLE AS						
	6	1	300-4051	1	BAFFLE AS						
	7	1	155-3624	1	PLUG AS						
		1	9S-4182	1	PLUG-O-RING						
		1	3J-7354	1	SEAL-O-RING						
	8	1	183-7121	12	BOLT (M10X1.5X35-MM)						
	9	1	198-4777	12	WASHER-HARD (11X25X10-MM THK)						
	10	1	1P-4278	4	CLAMP-HOSE						
	11	1	5P-1076	8	WASHER-HARD (13.5X30X4-MM THK)						
	12	1	7X-7729	12	WASHER (11X25X3-MM THK)						
M	13	1	8T-4139	4	BOLT (M12X1.75X30-MM)						
M	14	1	8T-4195	10	BOLT (M10X1.5X30-MM)						
M	15	1	8T-4910	4	BOLT (M12X1.75X60-MM)						
M	16	1	8T-6466	2	BOLT (M10X1.5X60-MM)						
E	17	1	5P-1465		HOSE (67-CM)						
E	18	1	149-5933		SEAL (16-CM EACH)						

E-ORDER BY THE CENTIMETER
M-METRIC PART
Y-SEPARATE ILLUSTRATION

COOLING SYSTEM

296-6740 RADIATOR AR (contd.)

i02640486



GRAPHIC #1

<END>

g01327269

COOLING SYSTEM

212-7587 RADIATOR GP

S/N: RJG1-528

PART OF 212-2745 INSTALLATION AR-ENGINE

SMCS-1353

i02362251

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8T-4990	2	CLAMP-HOSE						
	2	1	176-0781	2	DUCT						
Y	3	1	213-6738	1	RADIATOR GP						161
	4	1	219-4284	1	ELBOW						
	5	1	219-4474	1	GASKET						
	6	1	221-4038	4	PLATE						
	7	1	223-2642	2	BAFFLE AS						
					(EACH INCLUDES)						
		1	5I-8748	2	SPACER (11X18X5-MM THK)						
	8	1	223-2643	1	BAFFLE AS						
		1	6B-4594	13	RIVET						
	9	1	223-2644	1	BAFFLE AS (LH)						
		1	6B-4594	10	RIVET						
	10	1	223-2645	1	BAFFLE AS (RH)						
		1	6B-4594	10	RIVET						
	11	1	223-2646	1	PLATE (LH)						
	12	1	223-2647	1	PLATE (RH)						
	13	1	228-4078	1	TUBE AS						
	14	1	209-4588	4	CLAMP						
	15	1	4L-6459	1	BOLT (3/8-16X2.5-IN)						
	16	1	7X-7729	4	WASHER (11X25X3-MM THK)						
	17	1	8T-2502	4	BOLT (3/8-16X1.125-IN)						
	18	1	8T-4121	36	WASHER-HARD (11X21X2.5-MM THK)						
M	19	1	8T-4136	12	BOLT (M10X1.5X25-MM)						
M	20	1	8T-4195	28	BOLT (M10X1.5X30-MM)						
	21	1	8T-4896	5	WASHER-HARD (10.2X18.5X2.5-MM THK)						
E	22	1	5P-0764		HOSE (12-CM)						
E	22A	1	5P-0764		HOSE (20-CM)						
E	23	1	234-2515		SEAL (12-CM EACH)						
E	23A	1	234-2515		SEAL (16-CM EACH)						

E-ORDER BY THE CENTIMETER

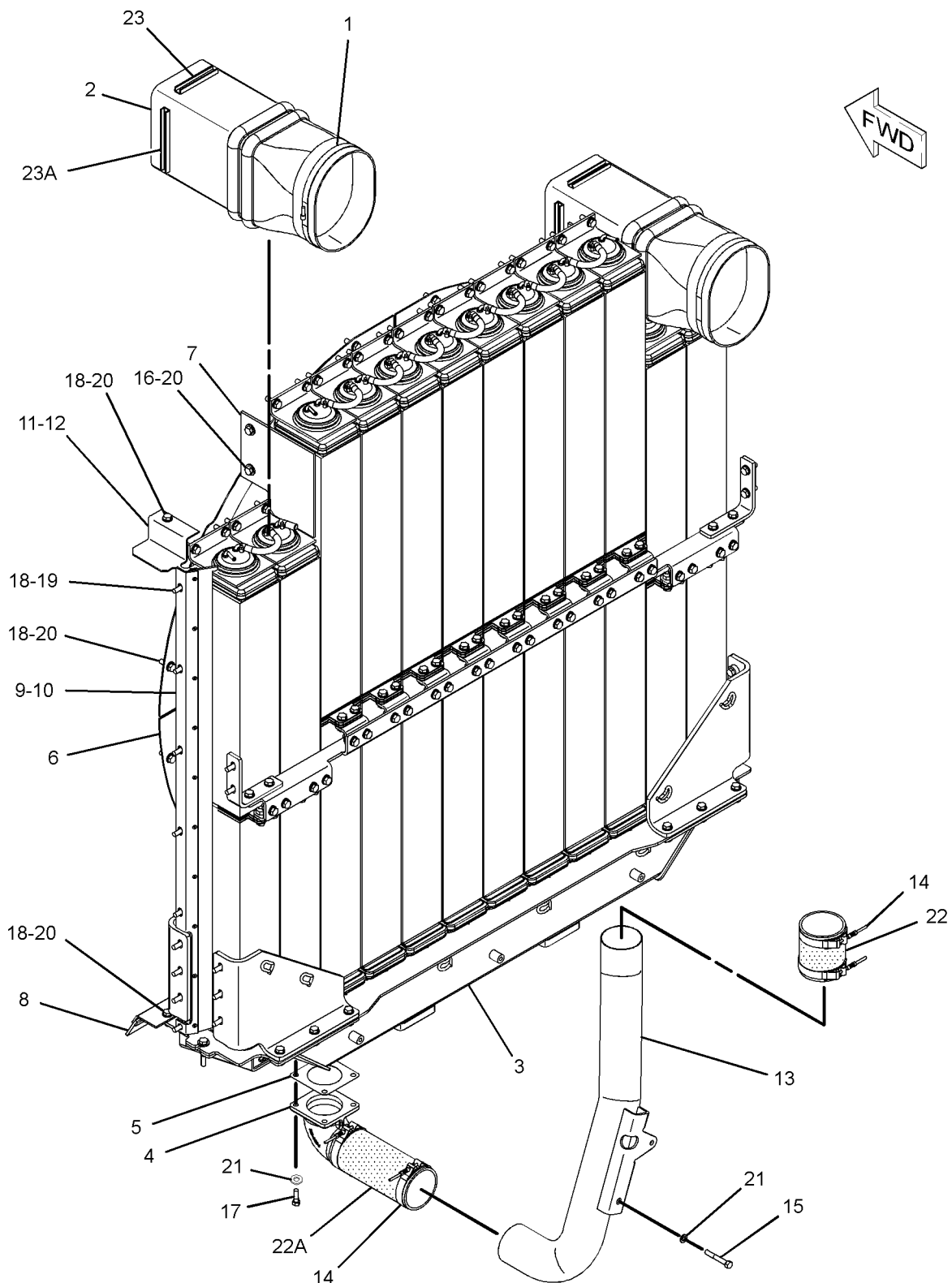
M-METRIC PART

Y-SEPARATE ILLUSTRATION

COOLING SYSTEM

212-7587 RADIATOR GP (contd.)

i02362251



GRAPHIC #1

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g01193070

COOLING SYSTEM

213-6738 RADIATOR GP

S/N: RJG1-528

PART OF 212-7587 RADIATOR GP

SMCS-1353

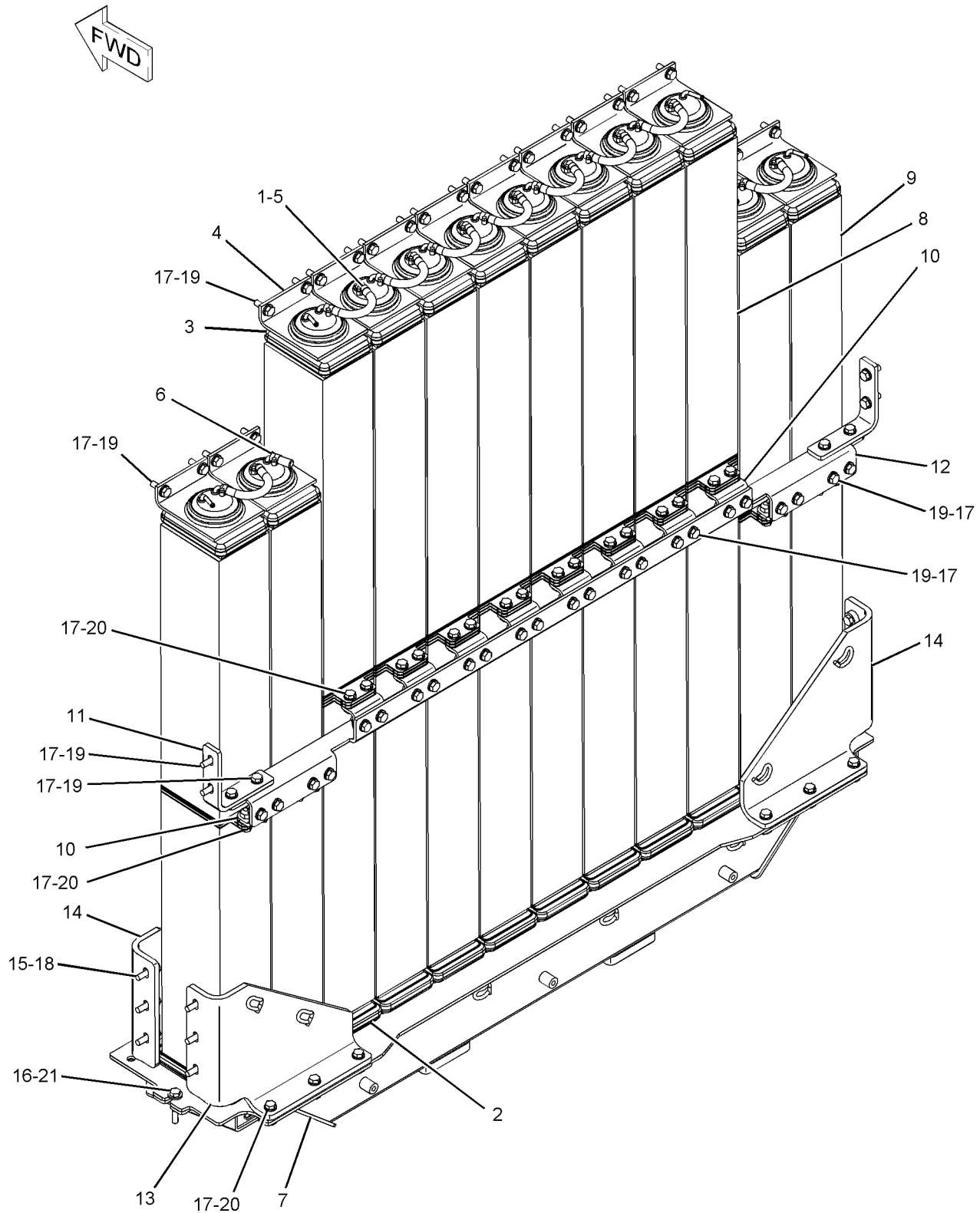
i02262743

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1P-4278	20	CLAMP-HOSE						
	2	1	6I-2431	12	SEAL						
	3	1	6I-2435	12	SPACER (RUBBER)						
	4	1	6I-2436	12	RETAINER						
	5	1	106-4572	9	HOSE						
	6	1	111-7421	2	CAP						
	7	1	213-6739	1	TANK AS-RADIATOR						
		1	7T-1099	8	LINK						
M		1	8T-3490	18	NUT-WELD (M10X1.5-THD)						
M		1	9R-2613	3	BOSS-WELD (M10X1.5X25-MM)						
	8	1	213-9906	8	CORE AS-RADIATOR						
	9	1	213-9907	4	CORE AS-RADIATOR						
	10	1	221-6826	12	BRACKET AS						
					(EACH INCLUDES)						
M		1	8T-3490	4	NUT-WELD (M10X1.5-THD)						
	11	1	221-7070	2	BRACKET						
	12	1	224-6687	1	BRACKET AS						
M		1	8T-3490	4	NUT-WELD (M10X1.5-THD)						
	13	1	244-5578	2	GUSSET AS						
					(EACH INCLUDES)						
		1	7T-1099	2	LINK						
	14	1	244-5579	2	GUSSET AS						
					(EACH INCLUDES)						
		1	7T-1099	2	LINK						
	15	1	198-4777	12	WASHER-HARD (11X25X10-MM THK)						
	16	1	7X-7729	2	WASHER (11X25X3-MM THK)						
	17	1	8T-4121	91	WASHER-HARD (11X21X2.5-MM THK)						
	18	1	183-7121	12	BOLT (M10X1.5X35-MM)						
M	19	1	8T-4195	55	BOLT (M10X1.5X30-MM)						
M	20	1	8T-4196	36	BOLT (M10X1.5X35-MM)						
M	21	1	8T-6466	2	BOLT (M10X1.5X60-MM)						
M-METRIC PART											

COOLING SYSTEM

213-6738 RADIATOR GP (contd.)

i02262743



GRAPHIC #1

<END>

g01052472

COOLING SYSTEM

247-1828 RADIATOR GP-TRASH RESISTANT AMOCS

S/N: RJG1-UP

PART OF 238-4498 STOCKPILE AR
AN ATTACHMENT

SMCS-1353

i02462684

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	243-5780	8	CORE	AS-	RADIATOR				
	247-1781	4	CORE	AS-	RADIATOR				
<END>									

COOLING SYSTEM

267-2860 RADIATOR GP

S/N: RJG529-UP

PART OF 267-2900 INSTALLATION AR-ENGINE

SMCS-1353

i03519922

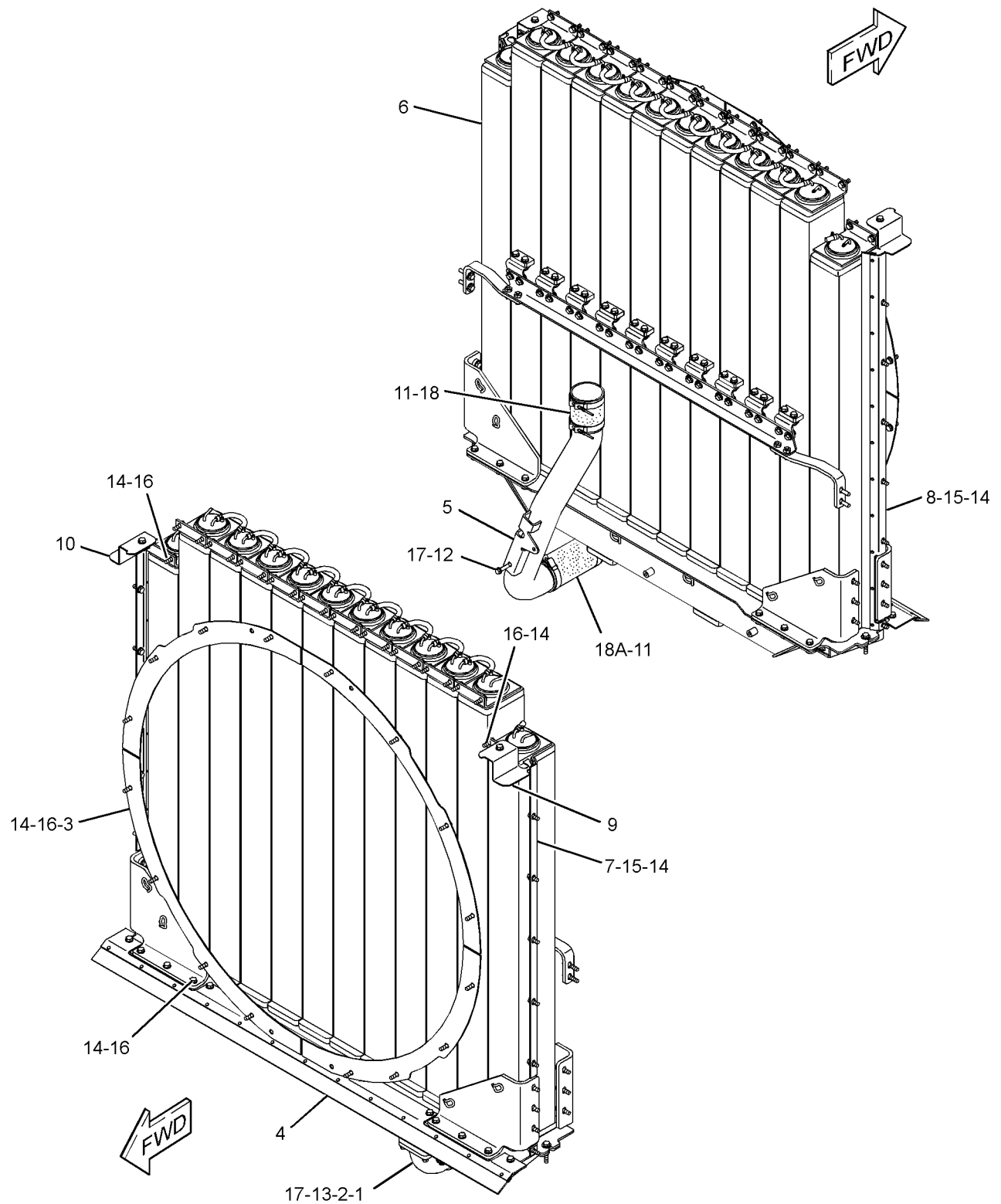
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	219-4284	1	ELBOW	
	2	1	219-4474	1	GASKET	
	3	1	221-4038	4	PLATE	
	4	1	223-2643	1	BAFFLE AS	
		1	6B-4594	13	RIVET	
	5	1	228-4078	1	TUBE AS	
Y	6	1	267-2861	1	RADIATOR GP	166
	7	1	267-2867	1	BAFFLE AS	
		1	6B-4594	11	RIVET	
	8	1	267-2868	1	BAFFLE AS	
		1	6B-4594	11	RIVET	
	9	1	267-2873	1	PLATE	
	10	1	267-2874	1	PLATE	
	11	1	209-4588	4	CLAMP	
	12	1	4L-6459	1	BOLT (3/8-16X2.5-IN)	
	13	1	8T-2502	4	BOLT (3/8-16X1.125-IN)	
	14	1	8T-4121	36	WASHER-HARD (11X21X2.5-MM THK)	
M	15	1	8T-4136	12	BOLT (M10X1.5X25-MM)	
M	16	1	8T-4195	24	BOLT (M10X1.5X30-MM)	
	17	1	8T-4896	5	WASHER-HARD (10.2X18.5X2.5-MM THK)	
E	18	1	5P-0764		HOSE (12-CM)	
E	18A	1	5P-0764		HOSE (21-CM)	

E-ORDER BY THE CENTIMETER
M-METRIC PART
Y-SEPARATE ILLUSTRATION

COOLING SYSTEM

267-2860 RADIATOR GP (contd.)

i03519922



GRAPHIC #1

<END>

g01222849

COOLING SYSTEM

267-2861 RADIATOR GP

S/N: RJG529-UP

PART OF 267-2860 RADIATOR GP

SMCS-1353

i02440739

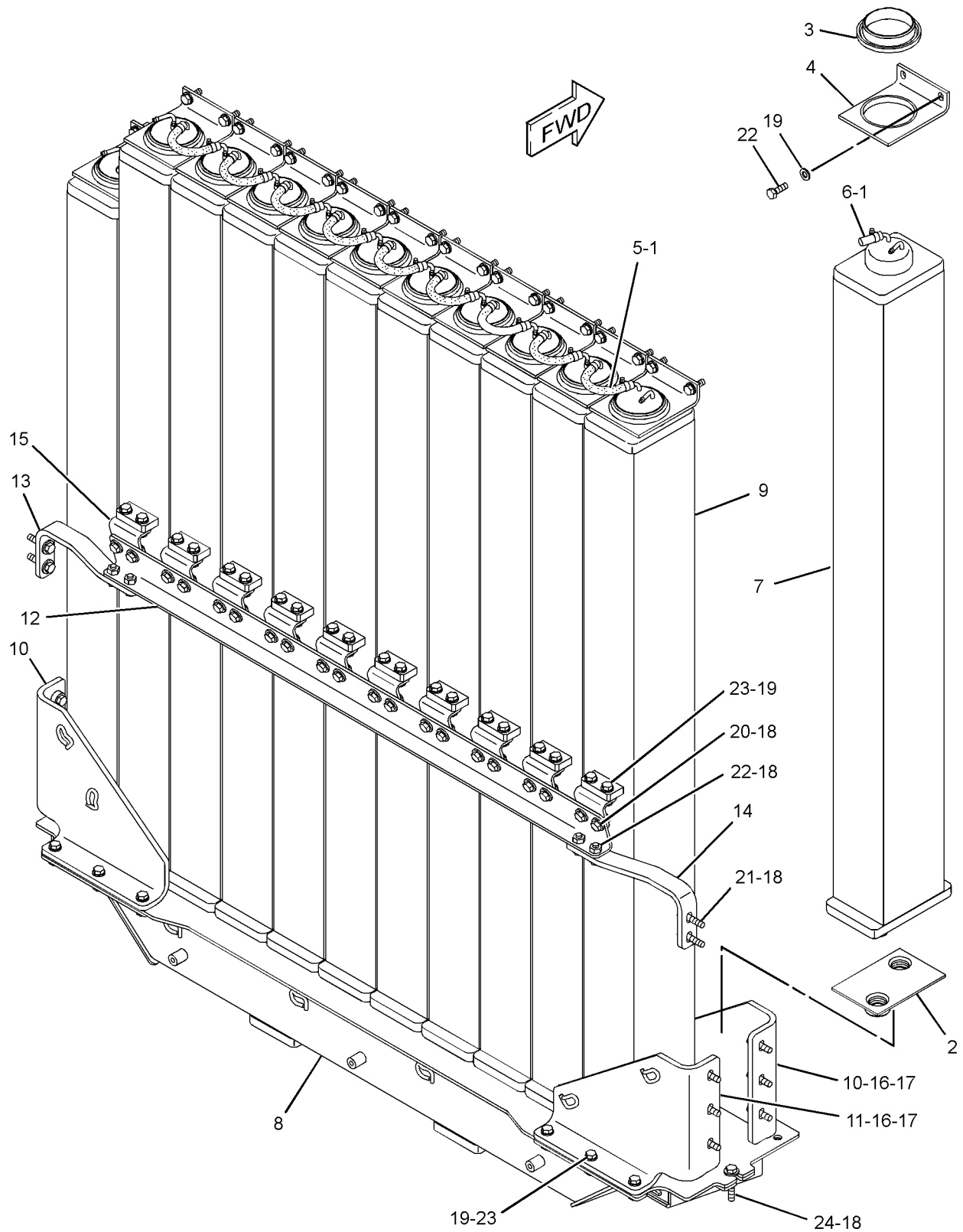
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1P-4278	20	CLAMP-HOSE	
	2	1	6I-2431	12	SEAL	
	3	1	6I-2435	12	SPACER (RUBBER)	
	4	1	6I-2436	12	RETAINER	
	5	1	106-4572	9	HOSE	
	6	1	111-7421	2	CAP	
	7	1	204-7184	2	CORE AS-RADIATOR	
	8	1	213-6739	1	TANK AS-RADIATOR	
		1	7T-1099	8	LINK	
M		1	8T-3490	18	NUT-WELD (M10X1.5-THD)	
M		1	9R-2613	3	BOSS-WELD (M10X1.5X25-MM)	
	9	1	213-9906	10	CORE AS-RADIATOR	
	10	1	244-5578	2	GUSSET AS	
					(EACH INCLUDES)	
		1	7T-1099	2	LINK	
	11	1	244-5579	2	GUSSET AS	
					(EACH INCLUDES)	
		1	7T-1099	2	LINK	
	12	1	267-2862	1	PLATE AS	
M		1	8T-3490	4	NUT-WELD (M10X1.5-THD)	
	13	1	267-2863	1	PLATE	
	14	1	267-2864	1	PLATE	
	15	1	267-2865	10	PLATE AS	
					(EACH INCLUDES)	
M		1	8T-3490	4	NUT-WELD (M10X1.5-THD)	
	16	1	183-7121	12	BOLT (M10X1.5X35-MM)	
	17	1	198-4777	12	WASHER-HARD (11X25X10-MM THK)	
	18	1	7X-7729	30	WASHER (11X25X3-MM THK)	
	19	1	8T-4121	56	WASHER-HARD (11X21X2.5-MM THK)	
M	20	1	8T-4136	20	BOLT (M10X1.5X25-MM)	
M	21	1	8T-4182	4	BOLT (M10X1.5X45-MM)	
M	22	1	8T-4195	28	BOLT (M10X1.5X30-MM)	
M	23	1	8T-4196	32	BOLT (M10X1.5X35-MM)	
M	24	1	8T-6466	2	BOLT (M10X1.5X60-MM)	

M-METRIC PART

COOLING SYSTEM

267-2861 RADIATOR GP (contd.)

i02440739



GRAPHIC #1

<END>

g01221466

COOLING SYSTEM

272-5508 RADIATOR GP-TRASH RESISTANT, AMOCS

S/N: RJG1-UP

REPLACED BY 267-2901-PAGE 156
AN ATTACHMENT

SMCS-1353

i02363979

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	188 - 3989	4	CORE AS - RADIATOR						
	256 - 2090	8	CORE AS - RADIATOR						
<END>									

COOLING SYSTEM

296-6741 RADIATOR GP

S/N: RJG938-UP

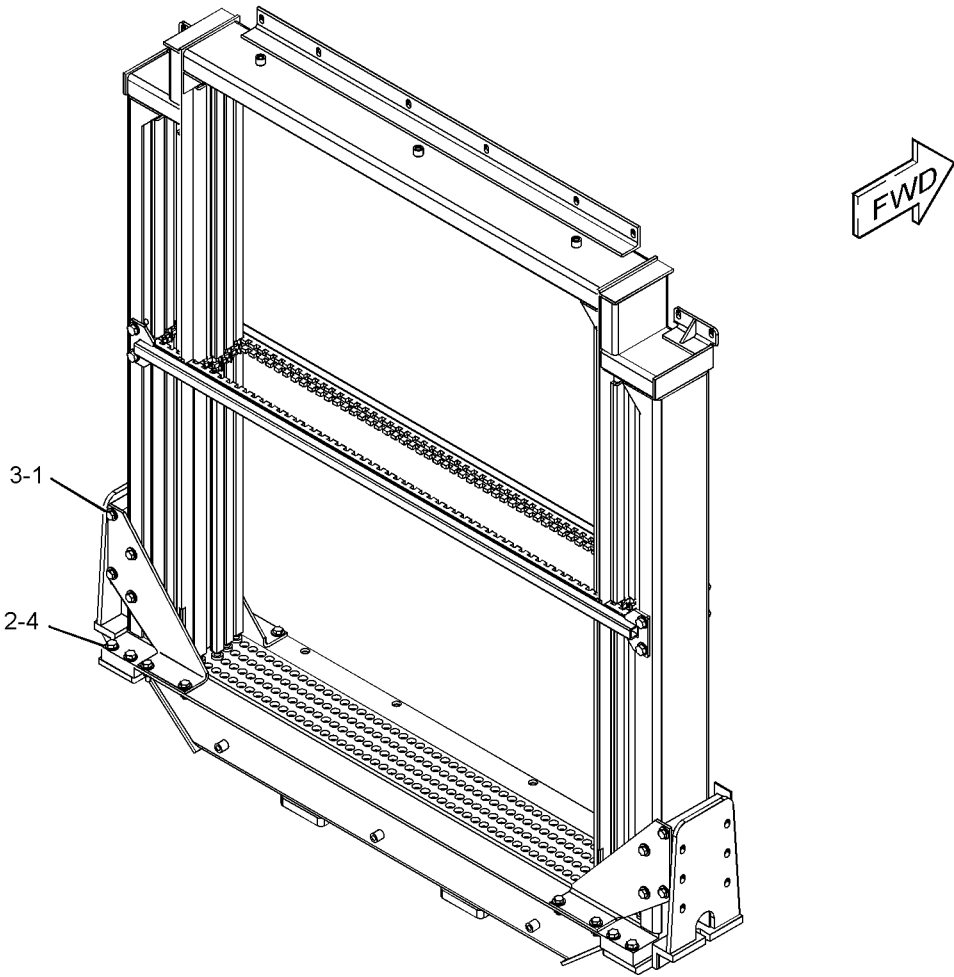
PART OF 296-6740 RADIATOR AR
AN ATTACHMENT

SMCS-1353

i02640489

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7X-7729	16	WASHER (11X25X3-MM THK)						
M	2	1	8T-4194	4	BOLT (M12X1.75X50-MM)						
M	3	1	8T-4195	16	BOLT (M10X1.5X30-MM)						
	4	1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01326596

COOLING SYSTEM

212-7681 TANK GP-COOLANT

S/N: RJG1-528

PART OF 212-2745 INSTALLATION AR-ENGINE

SMCS-1377

i03531541

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	2V-4868	1	FITTING	
	2	1	3E-4041	1	ELBOW	
	3	1	5P-5528	1	ADAPTER-O-RING	
	4	1	6V-8245	3	ELBOW	
	5	1	7X-7958	2	CLAMP-HOSE	
	6	1	8B-6561	1	SPACER (5.56X22.22X55.58-MM THK)	
	7	1	9Y-9236	1	GAUGE-SIGHT (COOLANT)	
	8	1	192-5425	2	TEE	
Y	9	1	213-6831	1	TANK GP-COOLANT	172
I	10	1	222-5455	1	HOSE AS	
	11	1	246-5772	1	DOOR GP-ACCESS	
	11A	1	203-6066	1	LATCH AS	
	11B	1	246-5771	1	DOOR AS	
		1	1V-8284	1	HINGE	
	12	1	1P-4278	14	CLAMP-HOSE	
	13	1	2T-2396	1	ELBOW	
	14	1	3J-7354	4	SEAL-O-RING	
	15	1	4D-9517	3	CLIP	
	16	1	5P-8167	2	BOLT (3/8-16X0.625-IN)	
	17	1	6D-4244	1	CLIP	
	18	1	6V-5063	1	SEAL-O-RING	
	19	1	6V-8398	2	SEAL-O-RING	
	20	1	7D-7233	1	CLIP	
	21	1	7M-8485	1	SEAL-O-RING	
	22	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)	
M	23	1	8T-4137	1	BOLT (M10X1.5X20-MM)	
M	24	1	8T-4196	6	BOLT (M10X1.5X35-MM)	
	25	1	8T-4896	2	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	26	1	8T-7934	6	WASHER-HARD (11X21X5-MM THK)	
	27	1	9F-2773	1	BOLT (3/8-16X8.5-IN)	
	28	1	9X-6458	2	WASHER-HARD (10.2X22.5X3-MM THK)	
E	29	1	5P-1251		HOSE (130-CM)	
E	30	1	5P-1465		HOSE (103-CM)	
E	30A	1	5P-1465		HOSE (13-CM EACH)	
E	30B	1	5P-1465		HOSE (24-CM EACH)	
E	30C	1	5P-1465		HOSE (52-CM EACH)	
E	30D	1	5P-1465		HOSE (196-CM)	

E-ORDER BY THE CENTIMETER

I-REFER TO HYDRAULIC INFORMATION SYSTEM

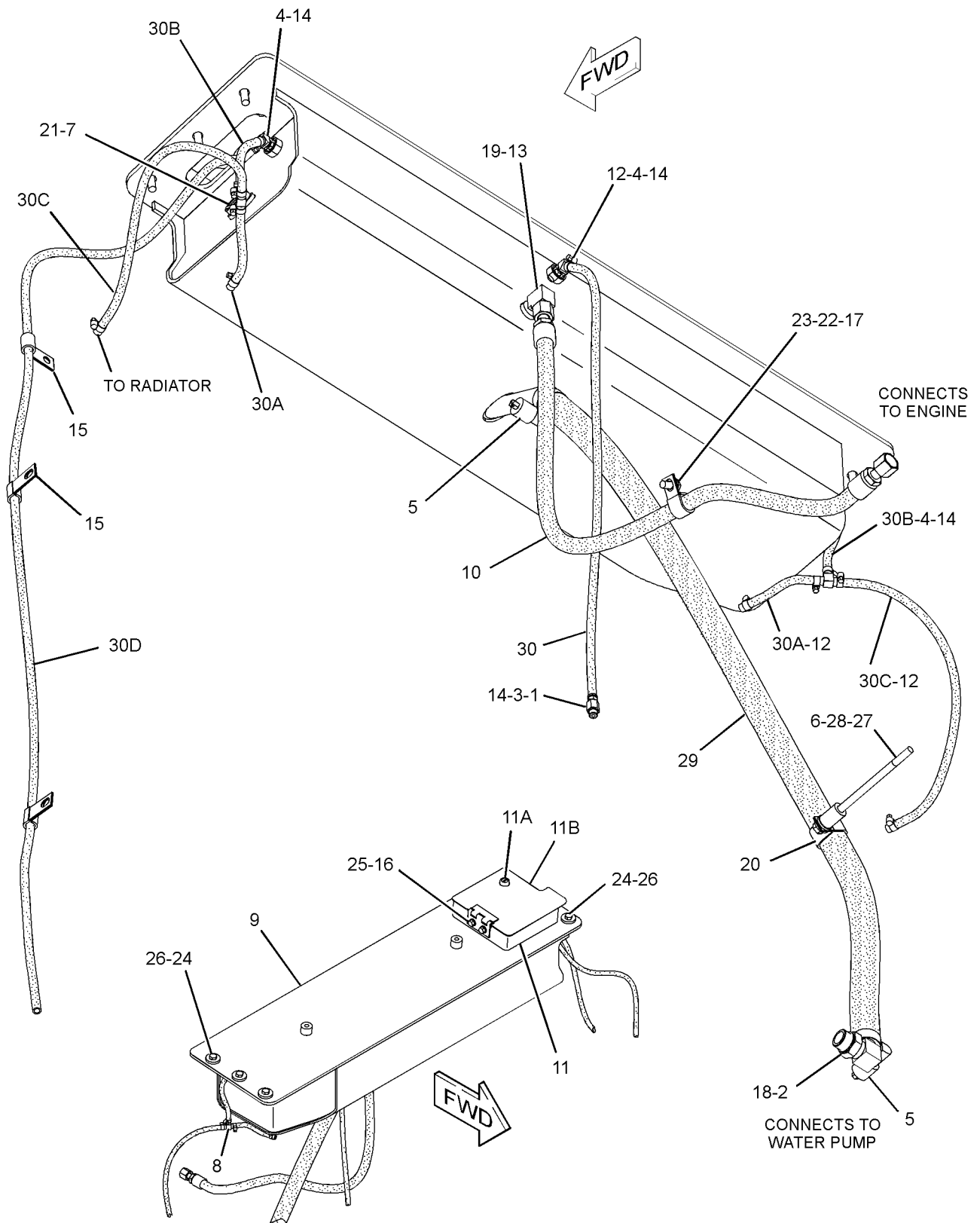
M-METRIC PART

Y-SEPARATE ILLUSTRATION

COOLING SYSTEM

212-7681 TANK GP-COOLANT (contd.)

i03531541



GRAPHIC #1

<END>

g01184830

COOLING SYSTEM

213-6831 TANK GP-COOLANT

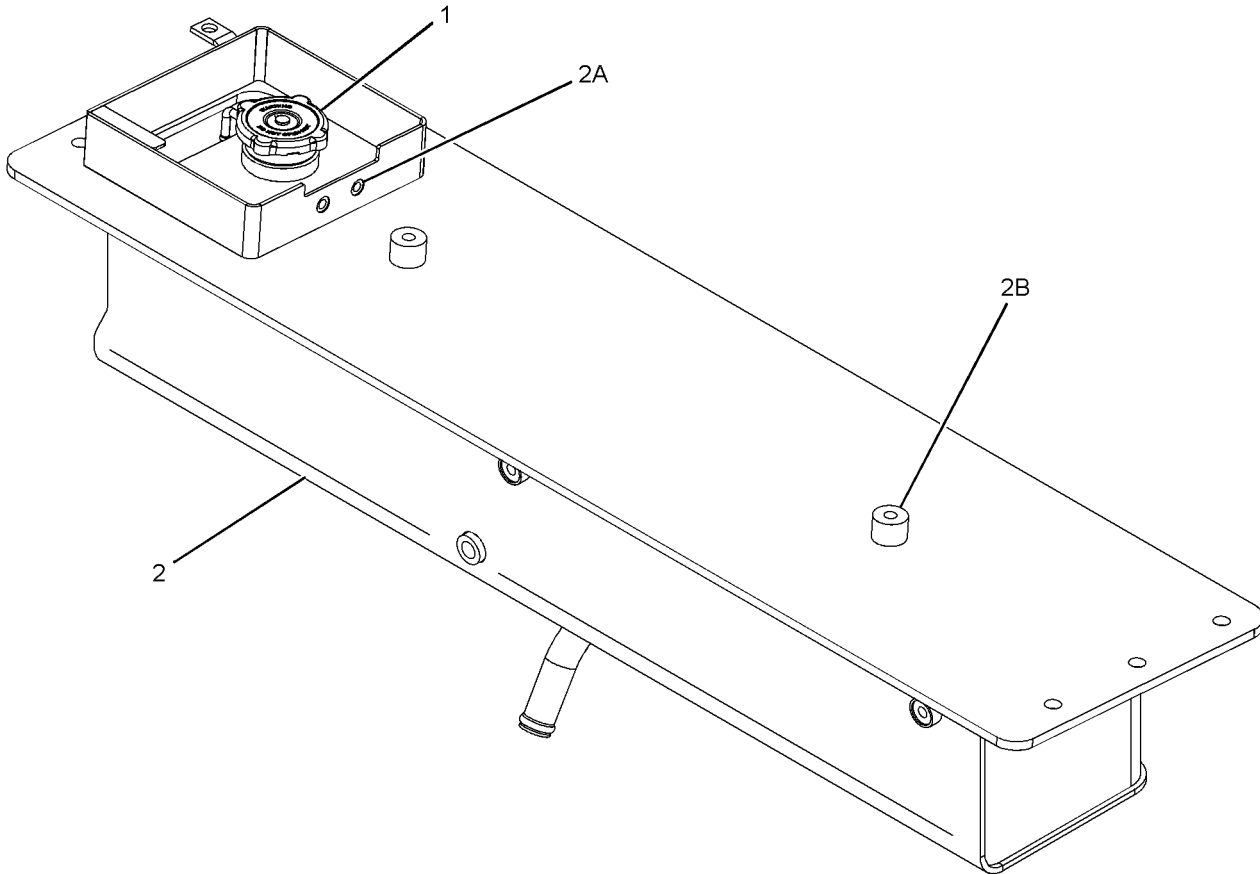
S/N: RJG1-528

PART OF 212-7681 TANK GP-COOLANT

SMCS-1377

i02462784

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	031-1119	1	CAP AS-RADIATOR						
	2	1	219-2630	1	TANK AS-WATER						
	2A	1	1F-0750	2	NUT-WELD (3/8-16-THD)						
	2B	1	5I-3272	2	BOSS						
		1	8N-8846	1	NECK-FILLER						



GRAPHIC #1

<END>

g01136896

COOLING SYSTEM

267-2875 TANK GP-COOLANT

S/N: RJG529-764

PART OF 267-2900 INSTALLATION AR-ENGINE

SMCS-1377

i03531560

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1W-2860	1	BRACKET	
	2	1	2V-4868	1	FITTING	
	3	1	3E-4041	1	ELBOW	
	4	1	5P-5528	1	ADAPTER-O-RING	
	5	1	6V-8245	3	ELBOW	
	6	1	7X-7958	4	CLAMP-HOSE	
	7	1	9M-4136	1	SPACER (0.438X0.75X0.5-IN THK)	
	8	1	9Y-9236	1	GAUGE-SIGHT (COOLANT)	
	9	1	192-5425	2	TEE	
	10	1	246-5772	1	DOOR GP-ACCESS	
		1	203-6066	1	LATCH AS	
		1	246-5771	1	DOOR AS	
		1	1V-8284	1	HINGE	
	11	1	267-2876	1	BRACKET AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
I	12	1	267-2888	1	HOSE AS	
	13	1	267-2889	1	TUBE	
	14	1	267-2898	1	BRACKET AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	15	1	267-2899	2	BRACKET AS (EACH INCLUDES)	
M		1	8T-3597	1	NUT-WELD (M12X1.75-THD)	
Y	16	1	267-2902	1	TANK GP-COOLANT	181
	17	1	148-8340	1	CONNECTOR AS	
		1	6V-8639	1	CONNECTOR	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-8398	1	SEAL-O-RING	
	18	1	1P-4278	14	CLAMP-HOSE	
	19	1	1S-0994	1	CLIP	
	20	1	1S-1015	1	CLIP	
	21	1	3J-7354	4	SEAL-O-RING	
	22	1	4D-9517	4	CLIP	
	23	1	4H-3539	1	GROMMET	
	24	1	5P-9299	1	CLIP	
	25	1	6K-5535	3	CLIP (SLOT)	
	26	1	6K-5536	3	CLIP (TAB)	
	27	1	6V-5063	1	SEAL-O-RING	
	28	1	6V-8398	1	SEAL-O-RING	
	29	1	7M-8485	1	SEAL-O-RING	
	30	1	8T-4121	10	WASHER-HARD (11X21X2.5-MM THK)	
M	31	1	8T-4133	1	NUT (M10X1.5-THD)	
M	32	1	8T-4136	7	BOLT (M10X1.5X25-MM)	
M	33	1	8T-4191	2	BOLT (M10X1.5X16-MM)	
M	34	1	8T-4195	2	BOLT (M10X1.5X30-MM)	
M	35	1	8T-4196	6	BOLT (M10X1.5X35-MM)	
	36	1	8T-4896	2	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	37	1	8T-7934	6	WASHER-HARD (11X21X5-MM THK)	
E	38	1	5P-1251		HOSE (52-CM)	
E	38A	1	5P-1251		HOSE (41.6-CM)	
E	39	1	5P-1465		HOSE (128.8-CM)	
E	39A	1	5P-1465		HOSE (184-CM)	
E	39B	1	5P-1465		HOSE (24-CM EACH)	
E	39C	1	5P-1465		HOSE (8-CM EACH)	
E	39D	1	5P-1465		HOSE (25.5-CM)	
E	39E	1	5P-1465		HOSE (34.5-CM)	

COOLING SYSTEM

267-2875 TANK GP-COOLANT (contd.)

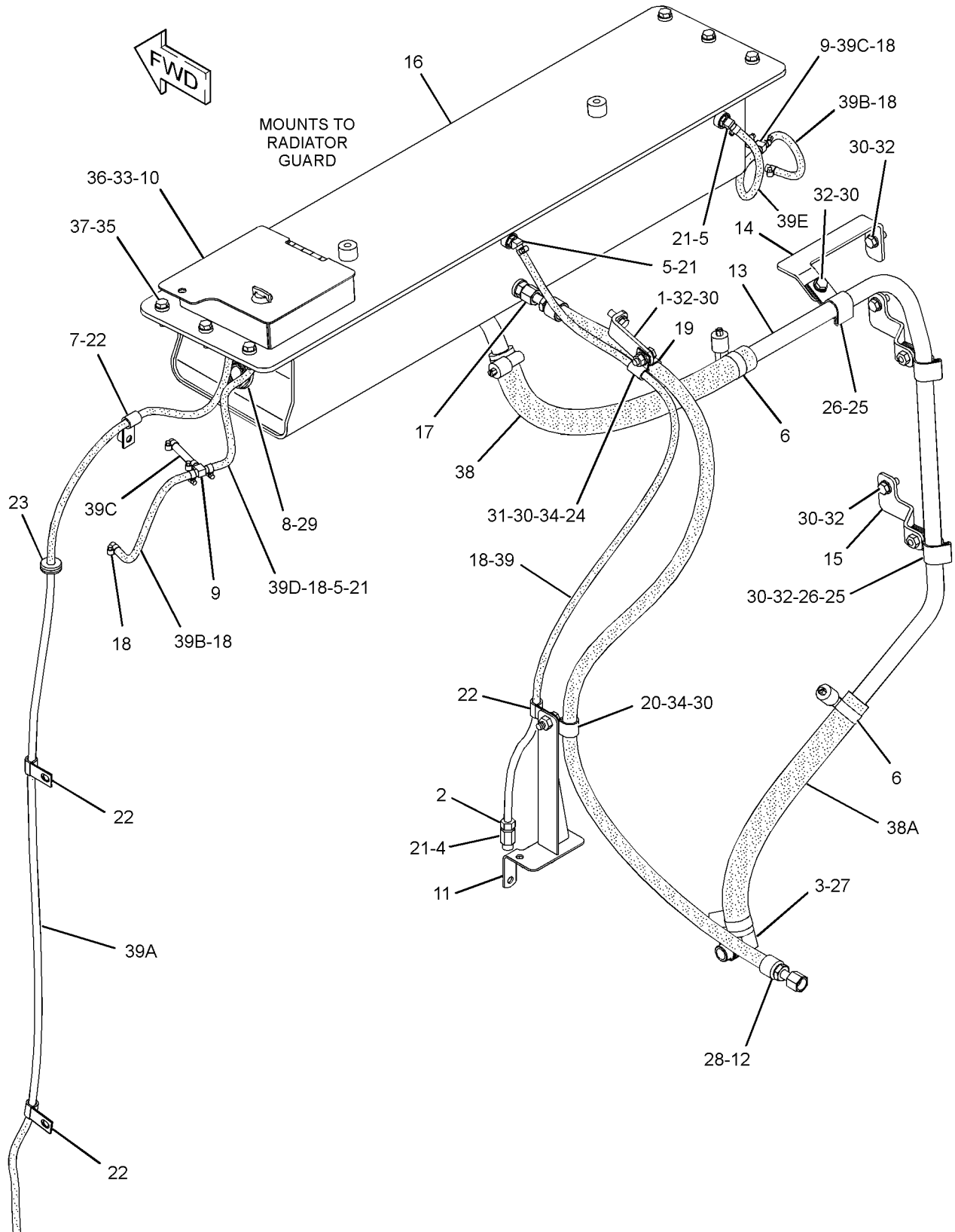
i03531560

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

COOLING SYSTEM

267-2875 TANK GP-COOLANT (contd.)

i03531560



GRAPHIC #1

<END>

g01222843

COOLING SYSTEM

267-2875 TANK GP-COOLANT

S/N: RJG765-961

PART OF 267-2900 INSTALLATION AR-ENGINE

SMCS-1377

i03531561

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1W-2860	1	BRACKET	
	2	1	2V-4868	1	FITTING	
	3	1	3E-4041	1	ELBOW	
	4	1	5P-5528	1	ADAPTER-O-RING	
	5	1	6V-8245	3	ELBOW	
	6	1	7X-7958	4	CLAMP-HOSE	
	7	1	9M-4136	1	SPACER (0.438X0.75X0.5-IN THK)	
	8	1	9Y-9236	1	GAUGE-SIGHT (COOLANT)	
	9	1	192-5425	2	TEE	
	10	1	246-5772	1	DOOR GP-ACCESS	
		1	203-6066	1	LATCH AS	
		1	246-5771	1	DOOR AS	
		1	1V-8284	1	HINGE	
	11	1	267-2876	1	BRACKET AS	
I	12	1	267-2888	1	HOSE AS	
	13	1	267-2889	1	TUBE	
	14	1	267-2898	1	BRACKET AS	
C	15	1	267-2899	1	BRACKET AS	
Y	16	1	267-2902	1	TANK GP-COOLANT	181
	17	1	148-8340	1	CONNECTOR AS	
		1	6V-8639	1	CONNECTOR	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-8398	1	SEAL-O-RING	
	18	1	1P-4278	14	CLAMP-HOSE	
	19	1	1S-0994	1	CLIP	
	20	1	1S-1015	1	CLIP	
	21	1	3J-7354	4	SEAL-O-RING	
	22	1	4D-9517	4	CLIP	
	23	1	4H-3539	1	GROMMET	
	24	1	5P-9299	1	CLIP	
	25	1	6K-5535	3	CLIP (SLOT)	
	26	1	6K-5536	3	CLIP (TAB)	
	27	1	6V-5063	1	SEAL-O-RING	
	28	1	6V-8398	1	SEAL-O-RING	
	29	1	7M-8485	1	SEAL-O-RING	
C	30	1	8T-4121	12	WASHER-HARD (11X21X2.5-MM THK)	
M	31	1	8T-4133	1	NUT (M10X1.5-THD)	
M	32	1	8T-4136	7	BOLT (M10X1.5X25-MM)	
M	33	1	8T-4191	2	BOLT (M10X1.5X16-MM)	
M	34	1	8T-4195	2	BOLT (M10X1.5X30-MM)	
M	35	1	8T-4196	6	BOLT (M10X1.5X35-MM)	
C	36	1	288-6338	1	BRACKET AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	37	1	8T-7934	6	WASHER-HARD (11X21X5-MM THK)	
E	38	1	5P-1251		HOSE (52-CM)	
E	38A	1	5P-1251		HOSE (41.6-CM)	
E	39	1	5P-1465		HOSE (128.8-CM)	
E	39A	1	5P-1465		HOSE (184-CM)	
E	39B	1	5P-1465		HOSE (24-CM EACH)	
E	39C	1	5P-1465		HOSE (8-CM EACH)	
E	39D	1	5P-1465		HOSE (25.5-CM)	
E	39E	1	5P-1465		HOSE (34.5-CM)	

C-CHANGE FROM PREVIOUS TYPE

E-ORDER BY THE CENTIMETER

I-REFER TO HYDRAULIC INFORMATION SYSTEM

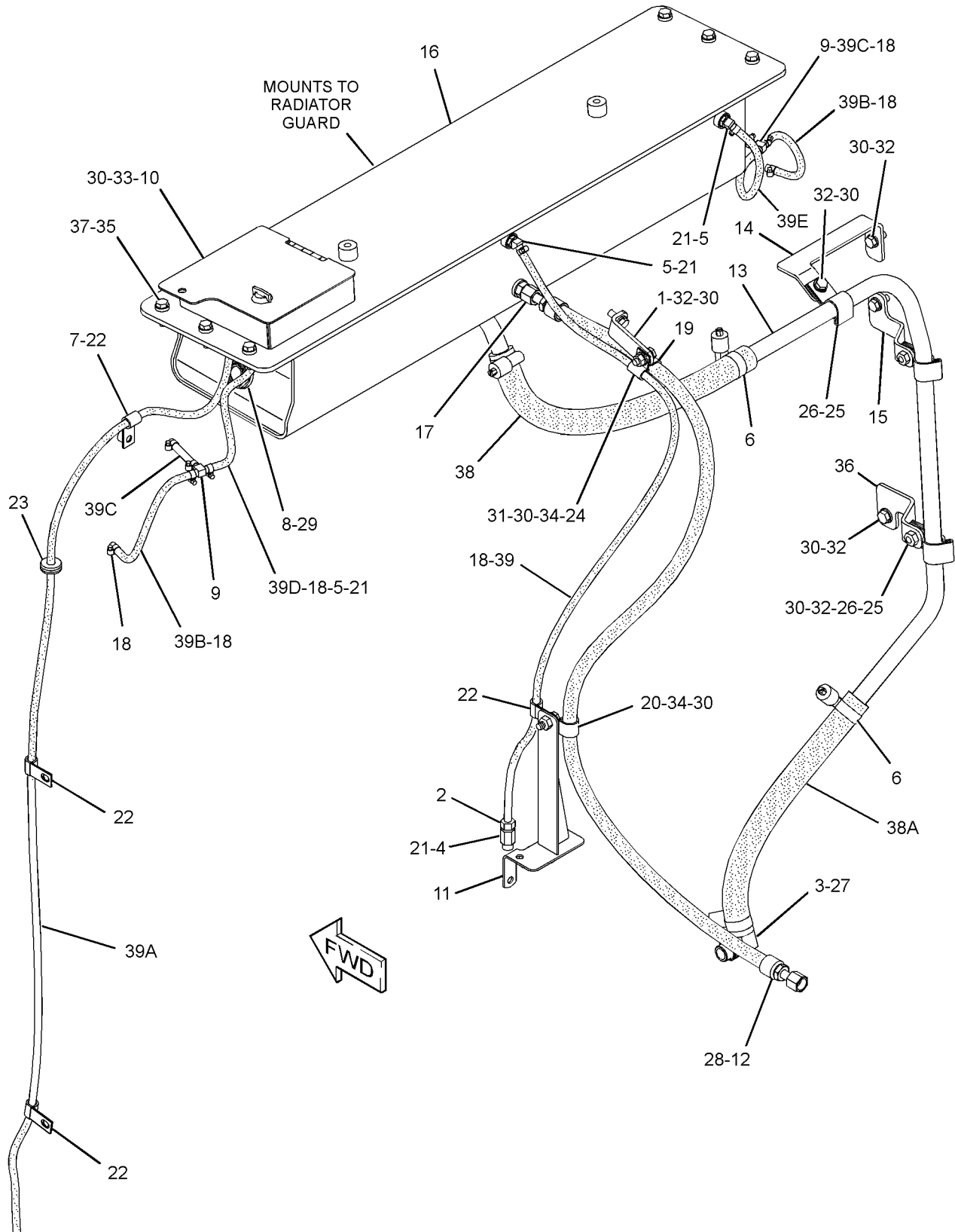
M-METRIC PART

Y-SEPARATE ILLUSTRATION

COOLING SYSTEM

267-2875 TANK GP-COOLANT (contd.)

i03531561



GRAPHIC #1

<END>

g01308197

COOLING SYSTEM

267-2875 TANK GP-COOLANT

S/N: RJG962-UP

PART OF 267-2900 INSTALLATION AR-ENGINE

SMCS-1377

i03531562

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1W-2860	1	BRACKET	
	2	1	2V-4868	1	FITTING	
	3	1	3E-4041	1	ELBOW	
	4	1	5P-5528	1	ADAPTER-O-RING	
	5	1	6V-8245	3	ELBOW	
	6	1	7X-7958	4	CLAMP-HOSE	
	7	1	9M-4136	1	SPACER (0.438X0.75X0.5-IN THK)	
	8	1	9Y-9236	1	GAUGE-SIGHT (COOLANT)	
	9	1	192-5425	2	TEE	
	10	1	246-5772	1	DOOR GP-ACCESS	
		1	203-6066	1	LATCH AS	
		1	246-5771	1	DOOR AS	
		1	1V-8284	1	HINGE	
	11	1	267-2876	1	BRACKET AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
I	12	1	267-2888	1	HOSE AS	
C	13	1	297-1050	1	TUBE	
	14	1	267-2898	1	BRACKET AS	
	15	1	267-2899	1	BRACKET AS	
Y	16	1	267-2902	1	TANK GP-COOLANT	181
	17	1	148-8340	1	CONNECTOR AS	
		1	6V-8639	1	CONNECTOR	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-8398	1	SEAL-O-RING	
	18	1	1P-4278	15	CLAMP-HOSE	
	19	1	1S-0994	1	CLIP	
	21	1	3J-7354	4	SEAL-O-RING	
	22	1	147-0385	4	CLIP	
	23	1	4H-3539	1	GROMMET	
	24	1	033-8248	1	CLIP	
	25	1	6K-5535	3	CLIP (SLOT)	
	26	1	6K-5536	3	CLIP (TAB)	
	27	1	6V-5063	1	SEAL-O-RING	
	28	1	6V-8398	1	SEAL-O-RING	
	29	1	7M-8485	1	SEAL-O-RING	
	30	1	8T-4121	12	WASHER-HARD (11X21X2.5-MM THK)	
M	31	1	8T-4133	1	NUT (M10X1.5-THD)	
M	32	1	8T-4136	7	BOLT (M10X1.5X25-MM)	
M	33	1	8T-4191	2	BOLT (M10X1.5X16-MM)	
M	34	1	8T-4195	2	BOLT (M10X1.5X30-MM)	
M	35	1	8T-4196	6	BOLT (M10X1.5X35-MM)	
C	36	1	297-1100	1	BRACKET AS	
	37	1	8T-7934	6	WASHER-HARD (11X21X5-MM THK)	
E	38	1	5P-1251		HOSE (52-CM)	
E	38A	1	5P-1251		HOSE (41.6-CM)	
E	39	1	5P-1465		HOSE (128.8-CM)	
E	39A	1	5P-1465		HOSE (184-CM)	
E	39B	1	5P-1465		HOSE (24-CM EACH)	
E	39C	1	5P-1465		HOSE (8-CM EACH)	
E	39D	1	5P-1465		HOSE (25.5-CM)	
E	39E	1	5P-1465		HOSE (34.5-CM)	
	40	1	5P-7462	1	CLIP (SLOT)	
	41	1	5P-7463	1	CLIP (TAB)	
	42	1	6V-0683	1	GROMMET	

COOLING SYSTEM

267-2875 TANK GP-COOLANT (contd.)

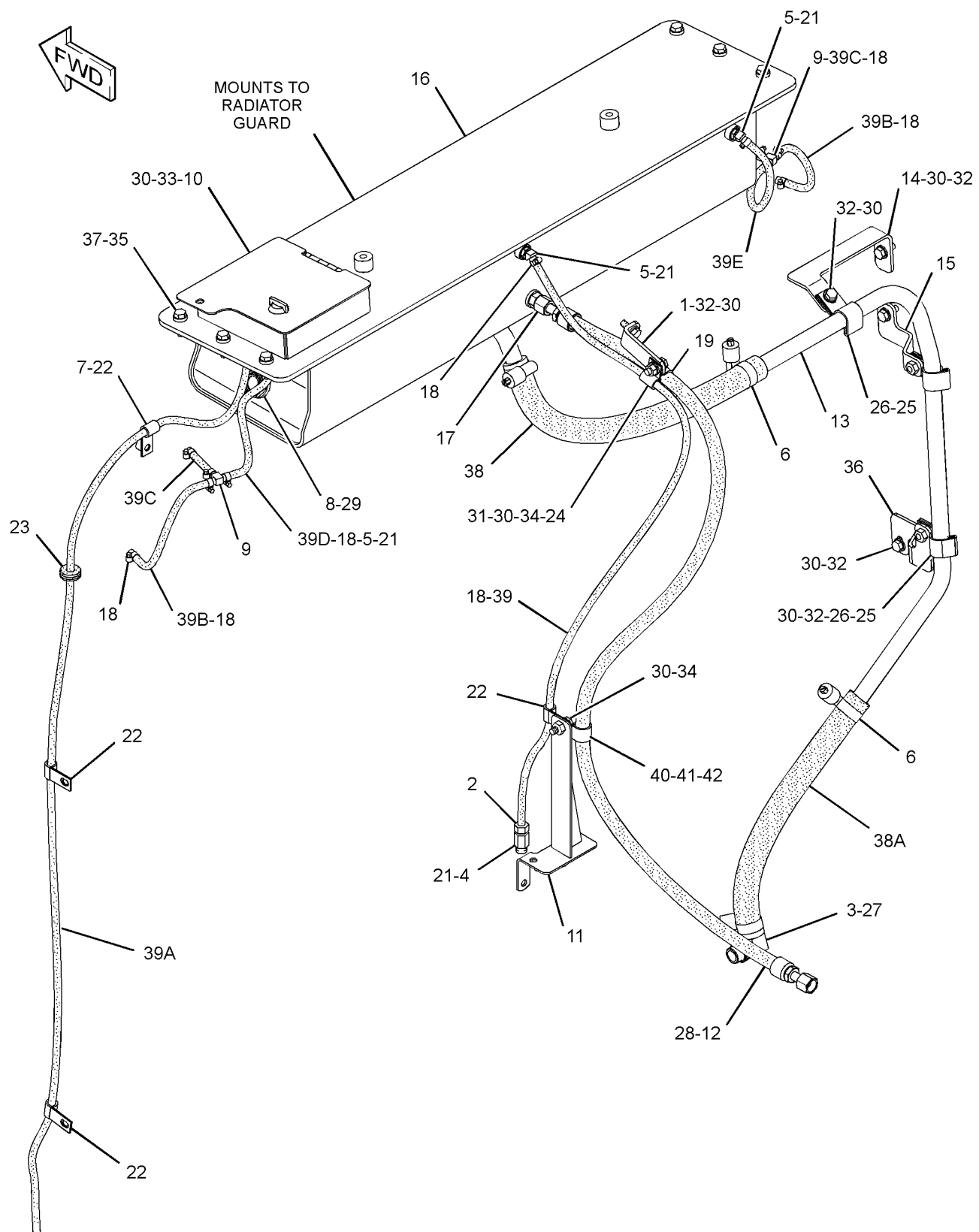
i03531562

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

COOLING SYSTEM

267-2875 TANK GP-COOLANT (contd.)

i03531562



GRAPHIC #1

<END>

g01804834

COOLING SYSTEM

267-2902 TANK GP-COOLANT

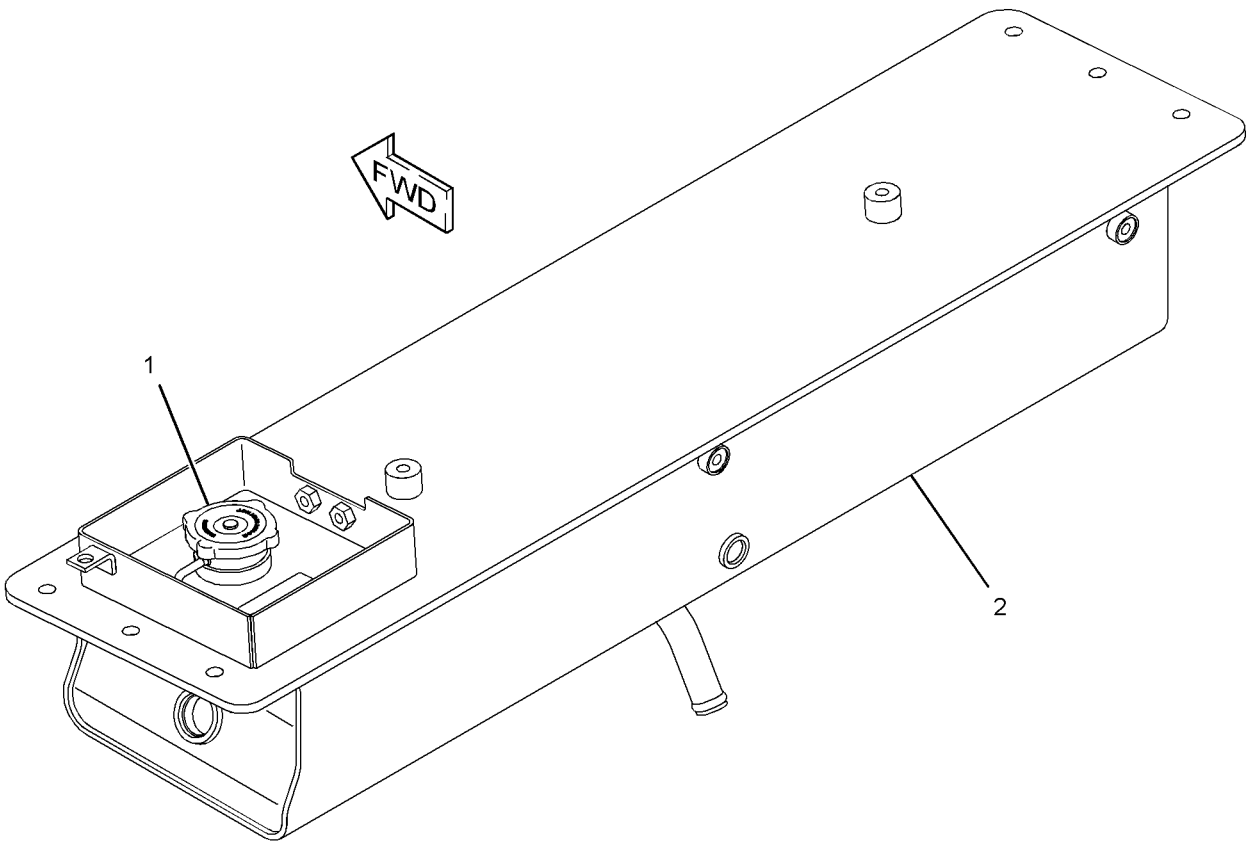
S/N: RJG529-UP

PART OF 290-2732 CONVERSION AR-MACHINE, 267-2875 TANK GP-COOLANT
ALSO AN ATTACHMENT

SMCS-1377

i02440836

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	031-1119	1	CAP AS-RADIATOR						
	2	1	267-2904	1	TANK AS-COOLANT						
		1	5I-3272	2	BOSS						
		1	8N-8846	1	NECK-FILLER						



GRAPHIC #1

<END>

g01221558

AIR INLET AND EXHAUST SYSTEM

212-7532 AFTERCOOLER GP-AIR

S/N: RJG1-528

PART OF 212-2745 INSTALLATION AR-ENGINE

SMCS-1063

i02501257

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	265-6639	4	MOUNTING AS	
	2	1	7T-8331	8	MOUNT AS	
	3	1	8C-5238	1	SEAL-V-RING	
	4	1	166-7432	2	AFTERCOOLER AS	
	5	1	250-5798	1	ENCLOSURE AS (ATAAC)	
		1	1F-0750	16	NUT-WELD (3/8-16-THD)	
		1	1F-2417	1	BOSS	
		1	8F-9836	3	BOSS (3/8-16-THD)	
		1	260-3125	2	HINGE	
	6	1	168-8502	2	SEAL	
	7	1	169-6443	1	SEAL AS	
	8	1	262-7757	2	SEAL	
	11	1	177-0038	2	HANDRAIL	
M	12	1	8T-6385	2	BOLT (M16X2X180-MM)	
	13	1	185-7979	1	FAN	
	14	1	213-8517	1	ADAPTER-FAN	
	15	1	214-1048	8	SPACER (8.8X16X4-MM THK)	
Y	16	1	214-2297	1	BEARING & HOUSING GP (ATAAC)	189
	17	1	250-5902	1	MANIFOLD AS (ATAAC)	
	18	1	250-5903	1	MANIFOLD AS (ATAAC)	
Y	19	1	217-9277	1	MOTOR GP-PISTON (AFTERCOOLER, AIR)	915
	20	1	268-4121	8	WASHER-HARD (16.2X70X6-MM THK)	
	21	1	131-3718	1	SEAL-O-RING	
	22	1	267-8821	4	WASHER (17X36X12-MM THK)	
	23	1	199-4272	8	WASHER-HARD (13.5X50X2.5-MM THK)	
	24	1	1T-1402	1	RETAINER-SHAFT	
	25	1	2A-3223	1	BOLT (1/2-20X1.875-IN)	
	26	1	4L-6454	8	BOLT (3/8-16X1-IN)	
	27	1	4L-9337	8	BOLT (3/8-16X1.5-IN)	
	28	1	4M-0189	1	SEAL-O-RING	
	29	1	8T-8908	8	BOLT (1/4-20X1-IN)	
	30	1	5P-1075	8	WASHER-HARD (10.2X22.5X3-MM THK)	
	31	1	5P-1076	1	WASHER-HARD (13.5X30X4-MM THK)	
	32	1	250-9540	2	SEAL	
	33	1	5P-4116	14	WASHER-HARD (8.8X20.5X2-MM THK)	
	34	1	6V-5782	14	BOLT (5/16-18X1.125-IN)	
	35	1	6V-8188	8	NUT (1/2-13-THD)	
	36	1	7G-8839	8	SPACER (13.5X57X6-MM THK)	
M	37	1	8T-6383	2	BOLT (M16X2X200-MM)	
	38	1	7X-0440	8	BOLT (5/16-18X1.75-IN)	
	39	1	7X-0482	8	BOLT (1/2-13X9.75-IN)	
	40	1	8T-4205	8	WASHER-HARD (7.2X14.5X2-MM THK)	
	41	1	8T-4223	8	WASHER-HARD (13.5X25.5X3-MM THK)	
	42	1	8T-4896	16	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	43	1	8T-6763	1	PLUG-PIPE	
	44	1	8T-9377	4	BOLT (3/8-16X2.25-IN)	
	45	1	9B-7237	4	BOLT (3/8-16X1.25-IN)	
M	46	1	8T-4132	4	NUT (M16X2-THD)	

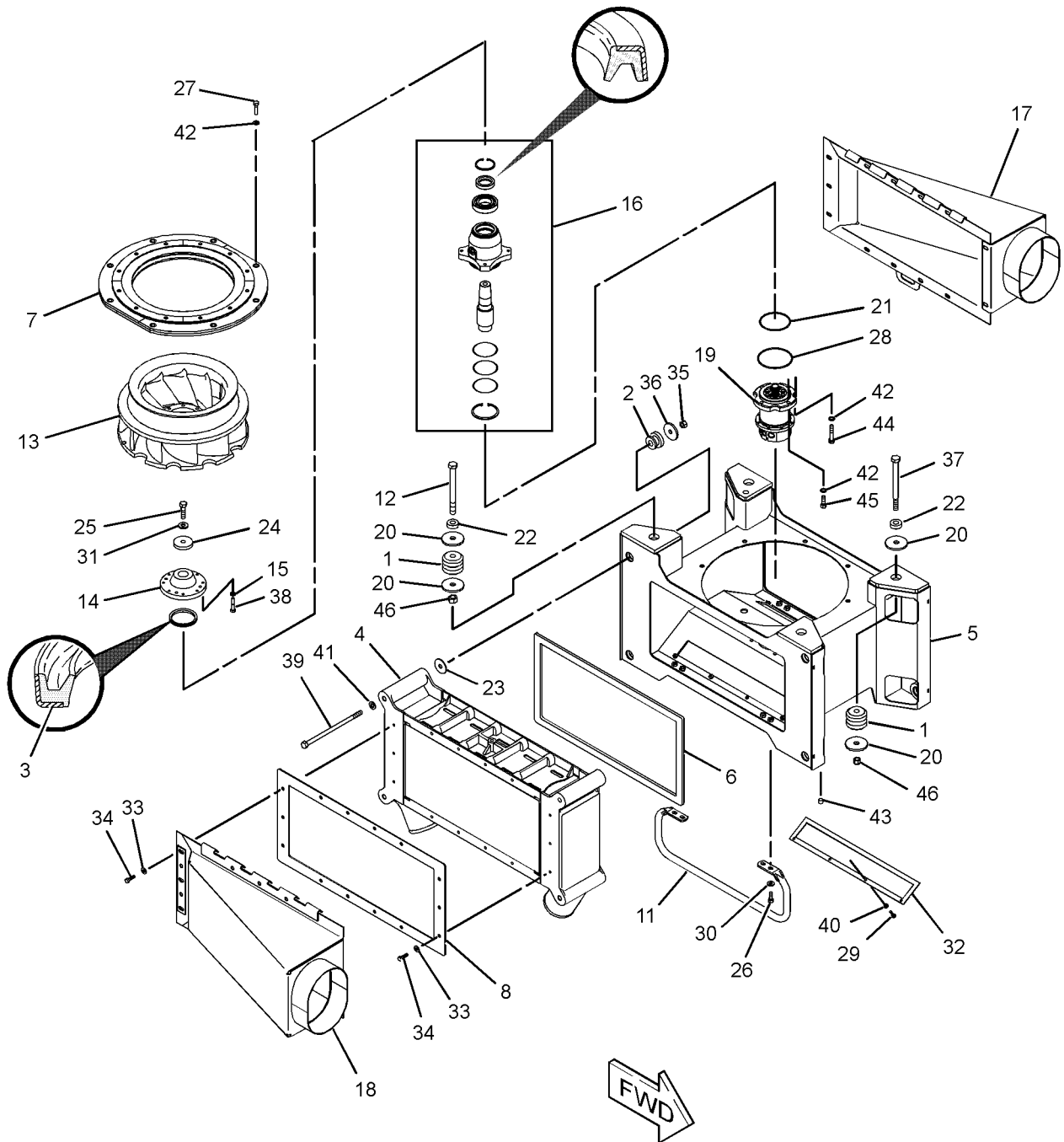
M-METRIC PART

Y-SEPARATE ILLUSTRATION

AIR INLET AND EXHAUST SYSTEM

212-7532 AFTERCOOLER GP-AIR (contd.)

i02501257



GRAPHIC #1

<END>

g01251376

AIR INLET AND EXHAUST SYSTEM

267-2880 AFTERCOOLER GP-AIR

S/N: RJG529-UP

PART OF 267-2900 INSTALLATION AR-ENGINE

SMCS-1063

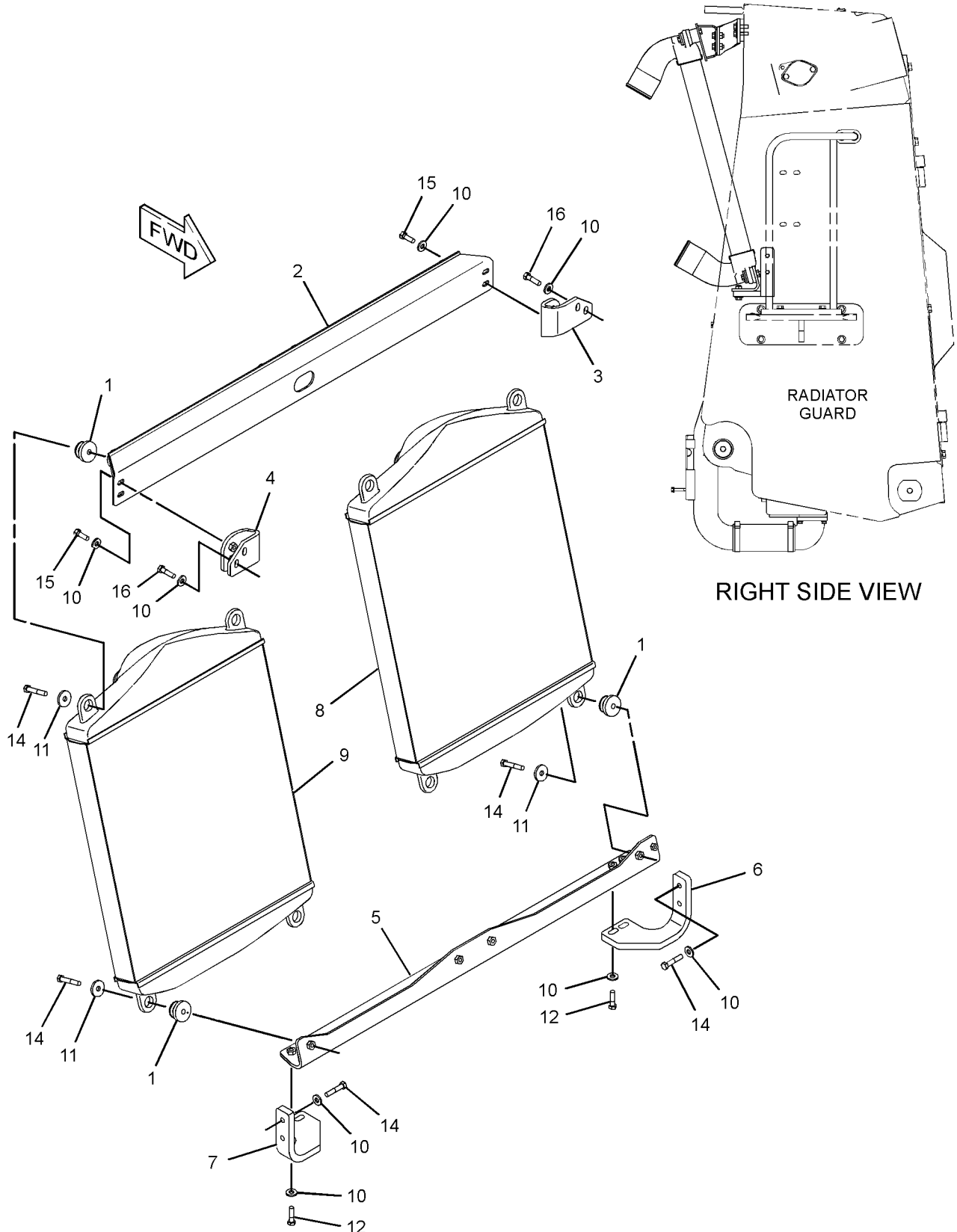
i03471586

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7T-8331	8	MOUNT AS						
	2	1	267-2881	1	BRACKET AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	3	1	267-2882	1	BRACKET AS						
M		1	8T-3597	2	NUT-WELD (M12X1.75-THD)						
	4	1	267-2883	1	BRACKET AS						
M		1	8T-3597	2	NUT-WELD (M12X1.75-THD)						
	5	1	267-2884	1	BRACKET AS						
M		1	8T-3597	8	NUT-WELD (M12X1.75-THD)						
	6	1	267-2885	1	BRACKET						
	7	1	267-2886	1	BRACKET						
	8	1	267-9441	1	CORE AS-AFTERCOOLER						
	9	1	267-9442	1	CORE AS-AFTERCOOLER						
	10	1	5P-1076	16	WASHER-HARD (13.5X30X4-MM THK)						
	11	1	7X-0590	8	WASHER-HARD (13.5X44.5X6-MM THK)						
M	12	1	8T-4184	4	BOLT (M12X1.75X45-MM)						
M	14	1	8T-4910	12	BOLT (M12X1.75X60-MM)						
M	15	1	8T-4956	4	BOLT (M12X1.75X35-MM)						
M	16	1	8T-4194	4	BOLT (M12X1.75X50-MM)						
M-METRIC PART											

AIR INLET AND EXHAUST SYSTEM

267-2880 AFTERCOOLER GP-AIR (contd.)

i03471586



GRAPHIC #1

<END>

g01272244

AIR INLET AND EXHAUST SYSTEM

212-7683 AIR CLEANER GP

S/N: RJG1-528

PART OF 212-2745 INSTALLATION AR-ENGINE

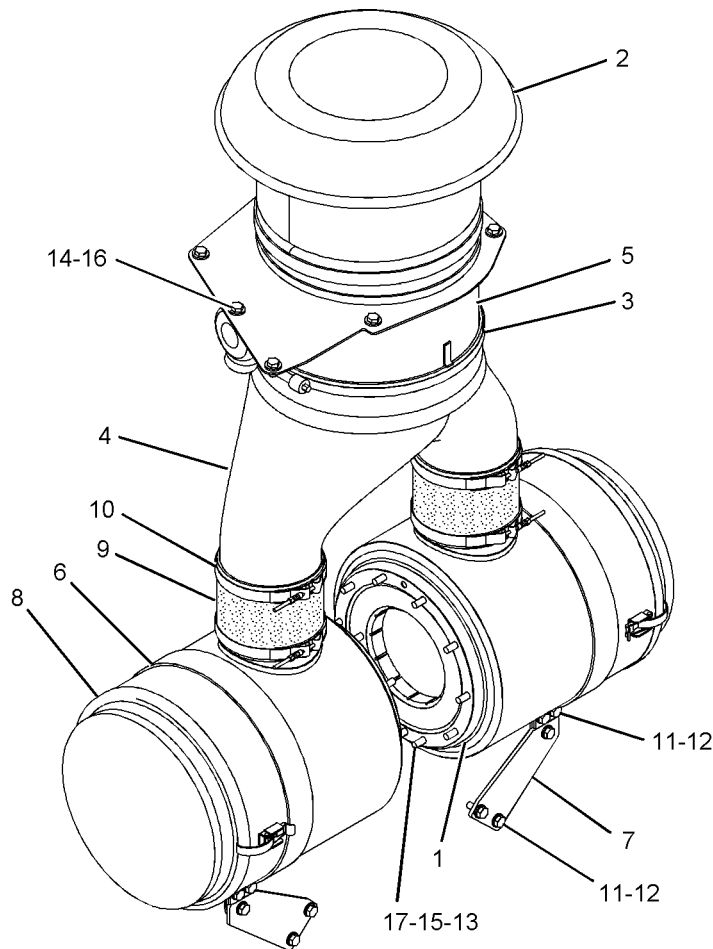
SMCS-1051, 1054

i02263500

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	1P-9390	2	GASKET-OUTLET	
	2	1	2P-2508	1	COVER AS-PRECLEANER	
	3	1	3E-7447	1	CLAMP-HOSE	
	4	1	175-4464	1	ELBOW	
	5	1	228-2767	1	BODY AS	
	6	1	231-8825	2	CLAMP AS	
	7	1	231-8842	2	PLATE	
Y	8	1	235-4177	2	AIR CLEANER GP	187
	9	1	235-5915	2	HOSE	
	10	1	219-0313	4	CLAMP	
M	11	1	6V-4248	10	BOLT (M10X1.5X25-MM)	
	12	1	6V-5839	10	WASHER (11X21X2.5-MM THK)	
M	13	1	6V-7744	20	LOCKNUT (M10X1.5-THD)	
	14	1	7X-7729	8	WASHER (11X25X3-MM THK)	
	15	1	8T-4121	20	WASHER-HARD (11X21X2.5-MM THK)	
M	16	1	8T-4195	8	BOLT (M10X1.5X30-MM)	
M	17	1	8T-7044	20	STUD-TAPERLOCK (M10X1.5X40-MM)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01052741

AIR INLET AND EXHAUST SYSTEM

235-4177 AIR CLEANER GP

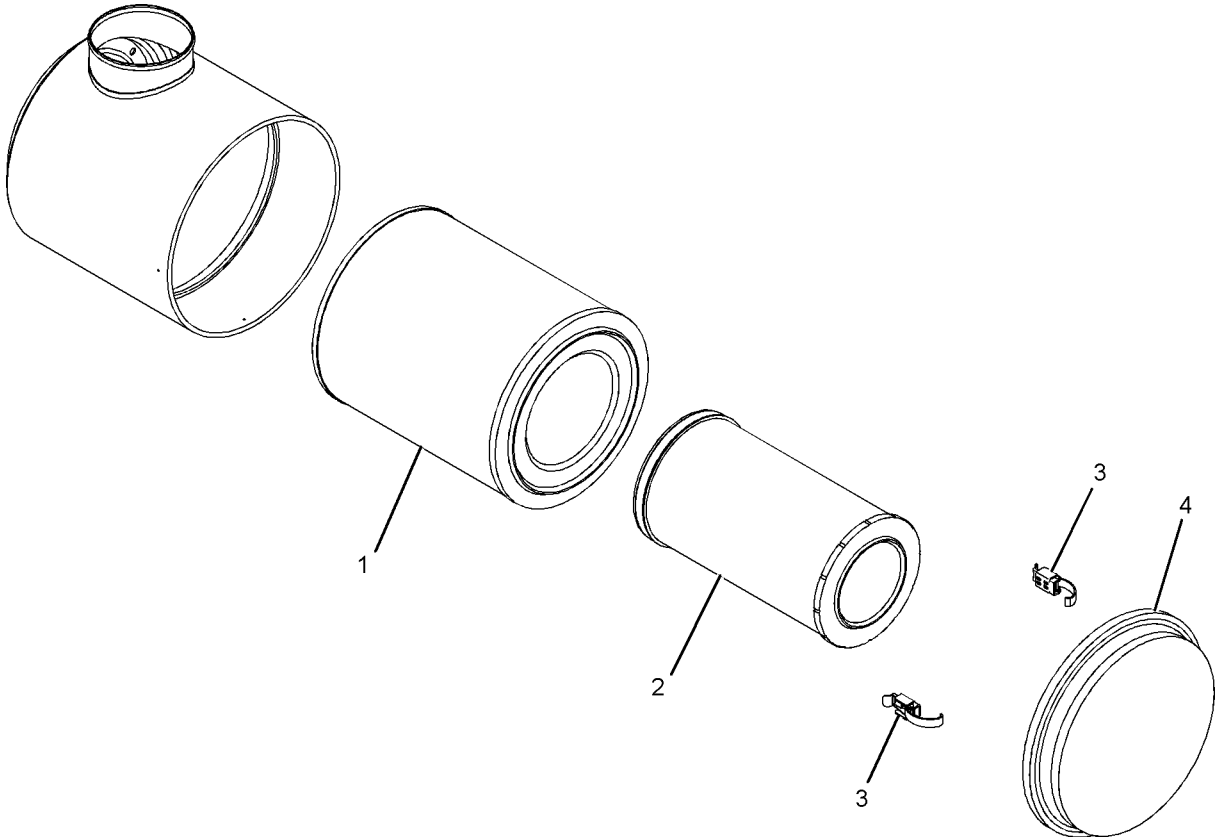
S/N: RJG1-UP

PART OF 212-7683, 268-6368 AIR CLEANER GP

SMCS-1051, 1054

i02049432

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	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						
					(EACH INCLUDES RIVET,CLIP AS)						
	4	1	6I-4465	1	COVER AS-AIR CLEANER						



GRAPHIC #1

<END>

g01052730

AIR INLET AND EXHAUST SYSTEM

268-6368 AIR CLEANER GP

S/N: RJG529-UP

PART OF 267-2900 INSTALLATION AR-ENGINE

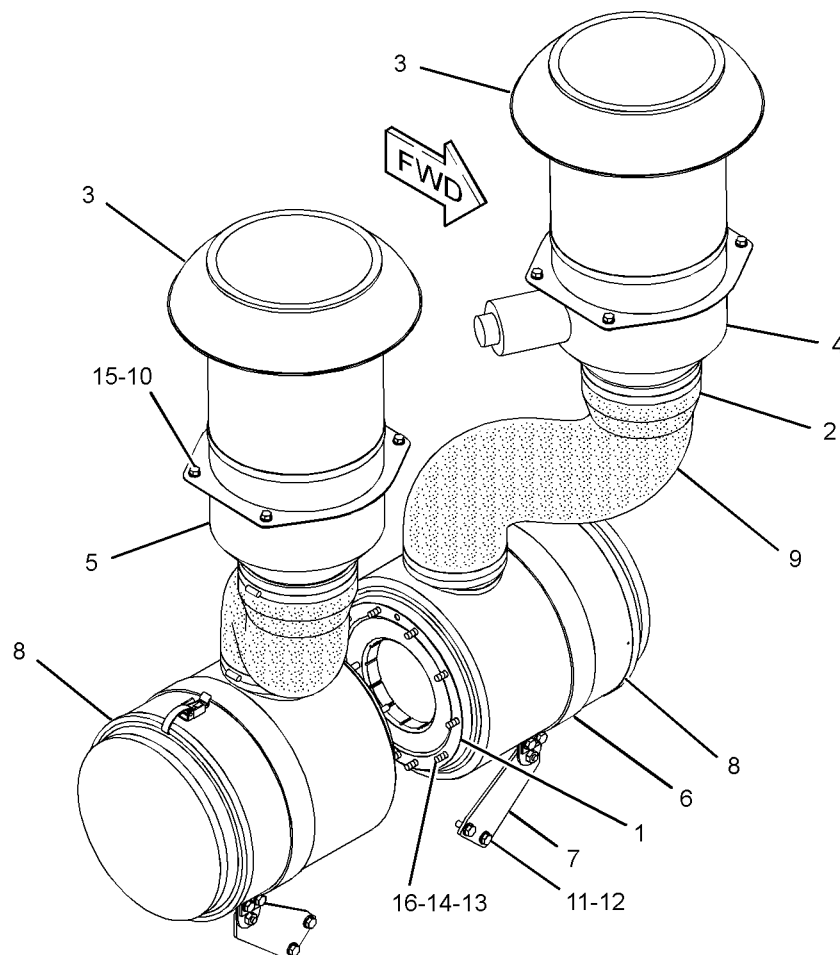
SMCS-1051, 1054

i03469701

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME											SEE PAGE
					1	2	3	4	5	6	(PRODUCT LEVEL)					
	1	1	1P-9390	2	GASKET-OUTLET											
	2	1	5P-4869	4	CLAMP-HOSE											
	3	1	7S-8817	2	PRECLEANER AS											
					(EACH INCLUDES)											
		1	0S-1591	1	BOLT (3/8-16X1.5-IN)											
		1	6V-8801	1	NUT (3/8-16-THD)											
	4	1	123-6857	1	BODY AS-PRECLEANER (LH)											
	5	1	123-6858	1	BODY AS-PRECLEANER (RH)											
	6	1	231-8825	2	CLAMP AS											
	7	1	231-8842	2	PLATE											
Y	8	1	235-4177	2	AIR CLEANER GP											187
	9	1	268-6682	2	ELBOW											
	10	1	5M-3062	8	BOLT (3/8-16X0.75-IN)											
M	11	1	6V-4248	10	BOLT (M10X1.5X25-MM)											
	12	1	6V-5839	10	WASHER (11X21X2.5-MM THK)											
M	13	1	6V-7744	20	LOCKNUT (M10X1.5-THD)											
	14	1	8T-4121	20	WASHER-HARD (11X21X2.5-MM THK)											
	15	1	5P-1075	8	WASHER-HARD (10.2X22.5X3-MM THK)											
M	16	1	8T-7044	20	STUD-TAPERLOCK (M10X1.5X40-MM)											

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01221565

AIR INLET AND EXHAUST SYSTEM

214-2297 BEARING & HOUSING GP

S/N: RJG1-528

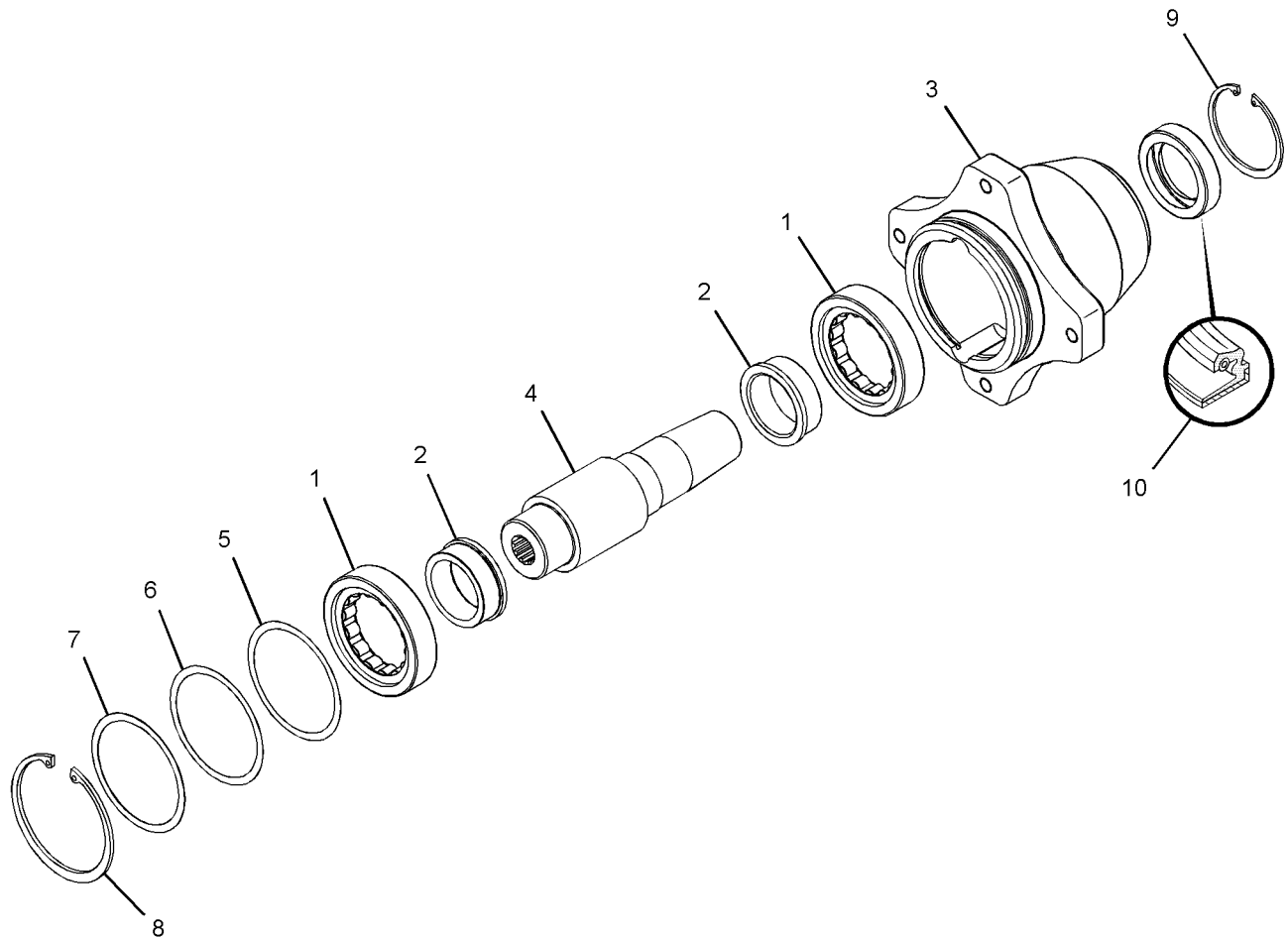
PART OF 212-7532 AFTERCOOLER GP-AIR

SMCS-1063

i02501211

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-9103	2	BEARING-OUTER						
	2	1	005-7310	2	RACE						
					-OR-						
		1	6H-3957	2	BALL BEARING						
	3	1	211-5337	1	HOUSING						
	4	1	214-2296	1	SHAFT						
B	5	1	288-8638	1	SHIM (0.12-MM THK)						
B	6	1	288-8639	1	SHIM (0.25-MM THK)						
B	7	1	288-8640	1	SHIM (0.4-MM THK)						
	8	1	1K-6985	1	RING-RETAINING						
	9	1	2D-6648	1	RING-RETAINING						
	10	1	5P-9597	1	SEAL-LIP TYPE						

B-USE AS REQUIRED



GRAPHIC #1

<END>

g01251688

AIR INLET AND EXHAUST SYSTEM

212-7679 DUST EJECTOR GP-ATAAC, RH

S/N: RJG1-109

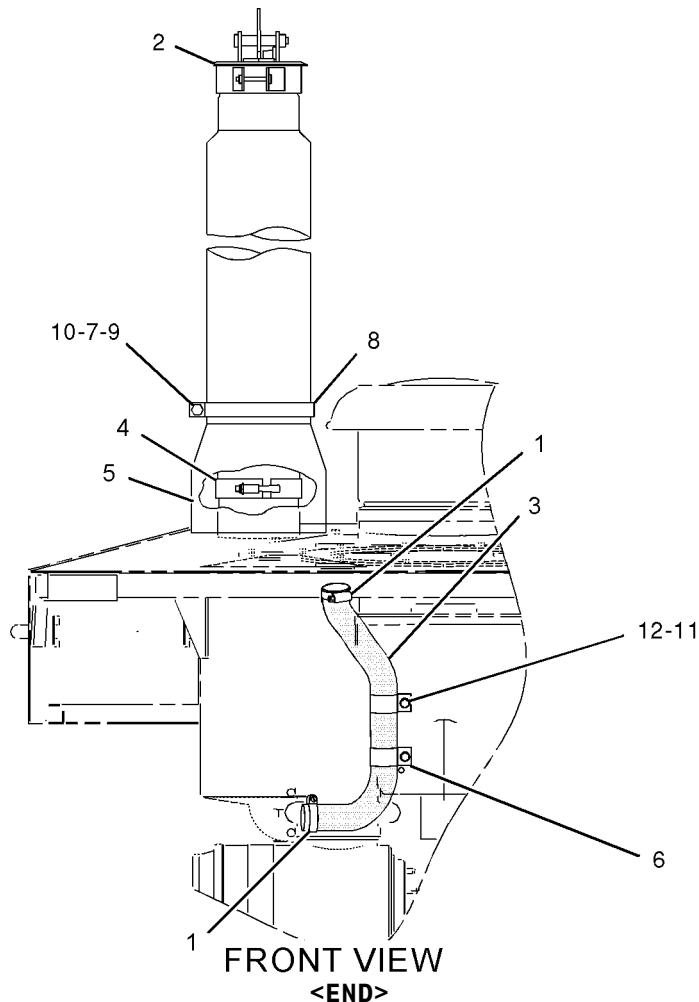
PART OF 212-2745 INSTALLATION AR-ENGINE

SMCS-1068

i02147152

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-0597	2	CLAMP-HOSE						
	2	1	7S-4411	1	CAP AS-RAIN (EXHAUST)						
E	3	1	5P-1471		HOSE (76-CM)						
	4	1	219-9914	1	EJECTOR AS						
		1	158-3528	1	CLAMP-PIPE						
	5	1	242-9536	1	SHIELD AS-HEAT						
	6	1	130-3374	2	CLIP						
	7	1	2N-2766	1	LOCKNUT (3/8-16-THD)						
	8	1	2P-7418	1	CLAMP						
	9	1	0S-1590	1	BOLT (3/8-16X2-IN)						
	10	1	5M-2894	1	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	11	1	8T-4896	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	12	1	9B-7237	2	BOLT (3/8-16X1.25-IN)						

E-ORDER BY THE CENTIMETER



GRAPHIC #1

g01053795

AIR INLET AND EXHAUST SYSTEM

212-7679 DUST EJECTOR GP-ATAAC, RH

S/N: RJG110-528

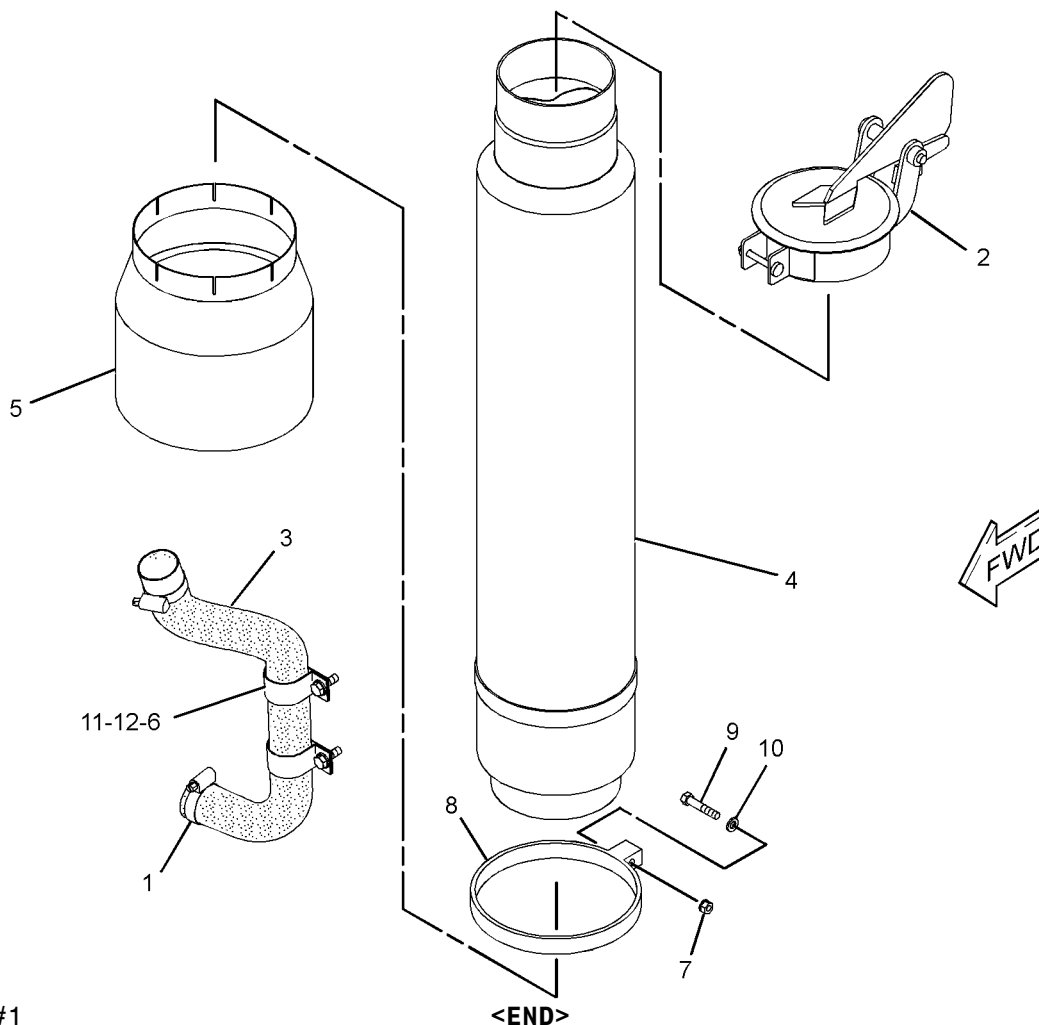
PART OF 212-2745 INSTALLATION AR-ENGINE

SMCS-1068

i03531581

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-0597	2	CLAMP-HOSE						
	2	1	7S-4411	1	CAP AS-RAIN (EXHAUST)						
	3	1	210-9123		HOSE						
	4	1	219-9914	1	EJECTOR AS						
		1	158-3528	1	CLAMP-PIPE						
	5	1	242-9536	1	SHIELD AS-HEAT						
	6	1	130-3374	2	CLIP						
	7	1	2N-2766	1	LOCKNUT (3/8-16-THD)						
	8	1	2P-7418	1	CLAMP						
	9	1	0S-1590	1	BOLT (3/8-16X2-IN)						
	10	1	5M-2894	1	WASHER-HARD (10.2X18.5X2.5-MM THK)						
C	11	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
CM	12	1	8T-4195	2	BOLT (M10X1.5X30-MM)						

C-CHANGE FROM PREVIOUS TYPE
M-METRIC PART



GRAPHIC #1

g01227071

AIR INLET AND EXHAUST SYSTEM

212-7684 DUST EJECTOR GP-ATAAC, LH

S/N: RJG1-528

PART OF 212-2745 INSTALLATION AR-ENGINE

SMCS-1068

i02441123

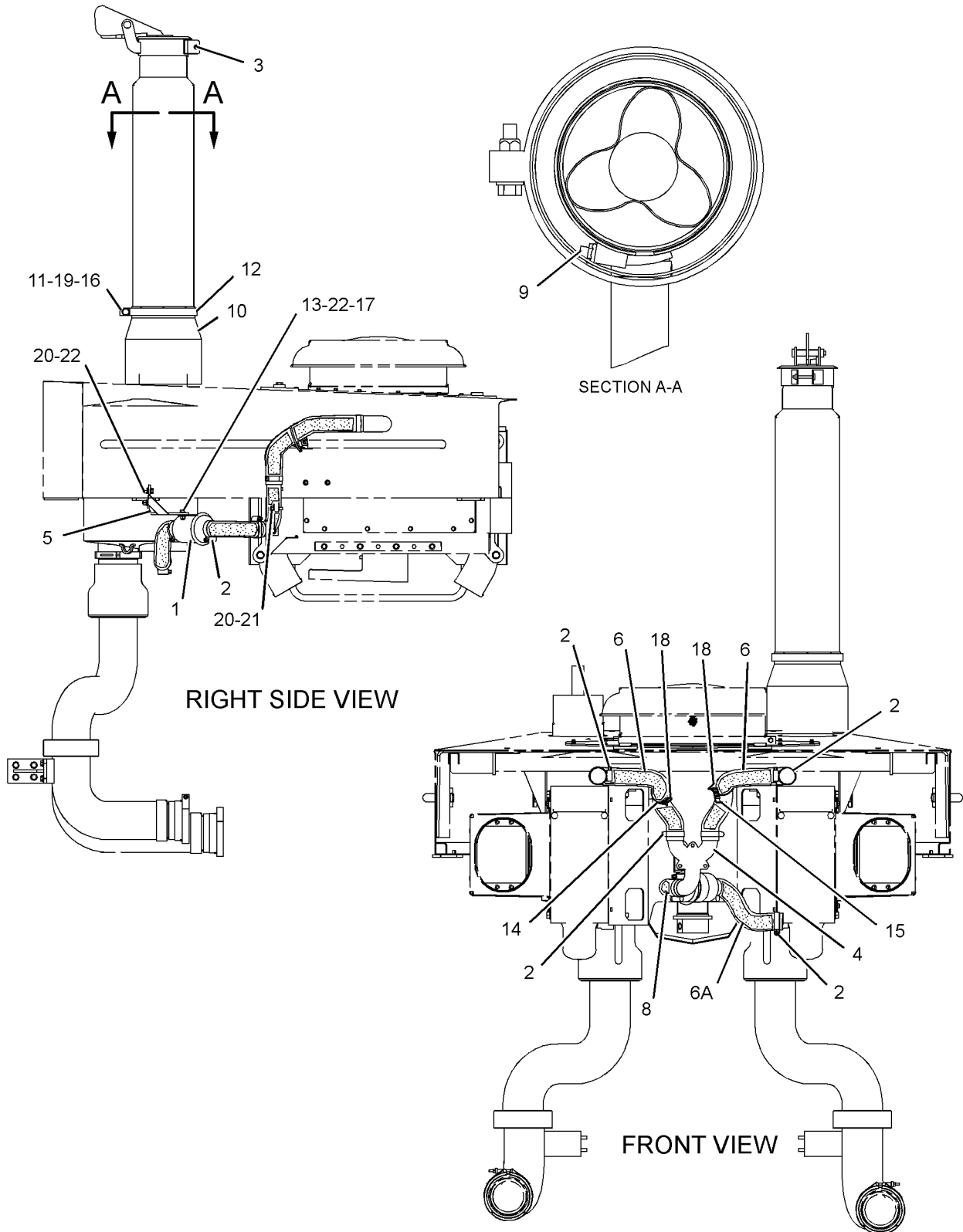
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1W-8620	1	VALVE AS-CHECK						
	2	1	5P-0597	8	CLAMP-HOSE						
	3	1	7S-4411	1	CAP AS-RAIN (EXHAUST)						
	4	1	180-2449	1	ELBOW						
	5	1	180-5571	1	BRACKET						
E	6	1	5P-1471		HOSE (62-CM EACH)						
E	6A	1	5P-1471		HOSE (30.5-CM)						
	8	1	210-9126	1	HOSE						
	9	1	219-9914	1	EJECTOR AS						
		1	158-3528	1	CLAMP-PIPE						
	10	1	242-9536	1	SHIELD AS-HEAT						
	11	1	2N-2766	1	LOCKNUT (3/8-16-THD)						
	12	1	2P-7418	1	CLAMP						
M	13	1	8T-4195	3	BOLT (M10X1.5X30-MM)						
	14	1	4P-7581	1	CLIP						
	15	1	4P-8134	1	CLIP						
	16	1	0S-1590	1	BOLT (3/8-16X2-IN)						
M	17	1	8T-4133	1	NUT (M10X1.5-THD)						
	18	1	7K-1181	2	STRAP-CABLE						
	19	1	5M-2894	1	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	20	1	8T-4896	3	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	21	1	9B-7237	3	BOLT (3/8-16X1.25-IN)						
	22	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						

E-ORDER BY THE CENTIMETER
M-METRIC PART

AIR INLET AND EXHAUST SYSTEM

212-7684 DUST EJECTOR GP (contd.)

i02441123



GRAPHIC #1

<END>

g01222795

AIR INLET AND EXHAUST SYSTEM

269-0889 DUST EJECTOR GP

S/N: RJG529-UP

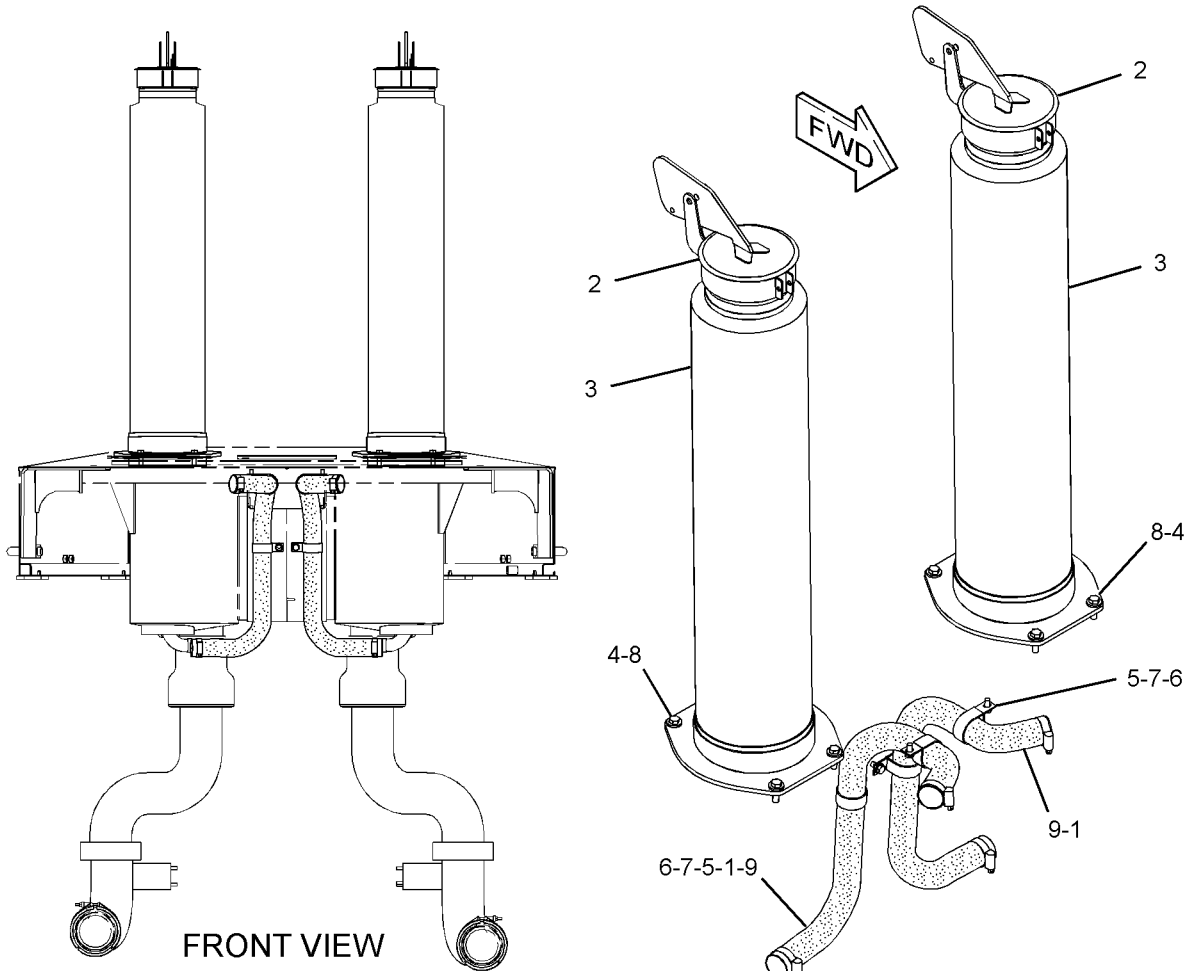
PART OF 267-2900 INSTALLATION AR-ENGINE

SMCS-1068

i02479831

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-0597	4	CLAMP-HOSE						
	2	1	7S-5003	2	CAP AS-RAIN (EXHAUST)						
	3	1	269-0892	2	EJECTOR AS						
	4	1	5P-1076	8	WASHER-HARD (13.5X30X4-MM THK)						
	5	1	5P-4325	4	CLIP						
	6	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	7	1	8T-4136	4	BOLT (M10X1.5X25-MM)						
M	8	1	8T-4183	8	BOLT (M12X1.75X40-MM)						
E	9	1	5P-1471		HOSE (98-CM EACH)						

E-ORDER BY THE CENTIMETER
M-METRIC PART



GRAPHIC #1

<END>

g01221924

AIR INLET AND EXHAUST SYSTEM

249-8533 FASTENER GP-MANIFOLD SHIELD

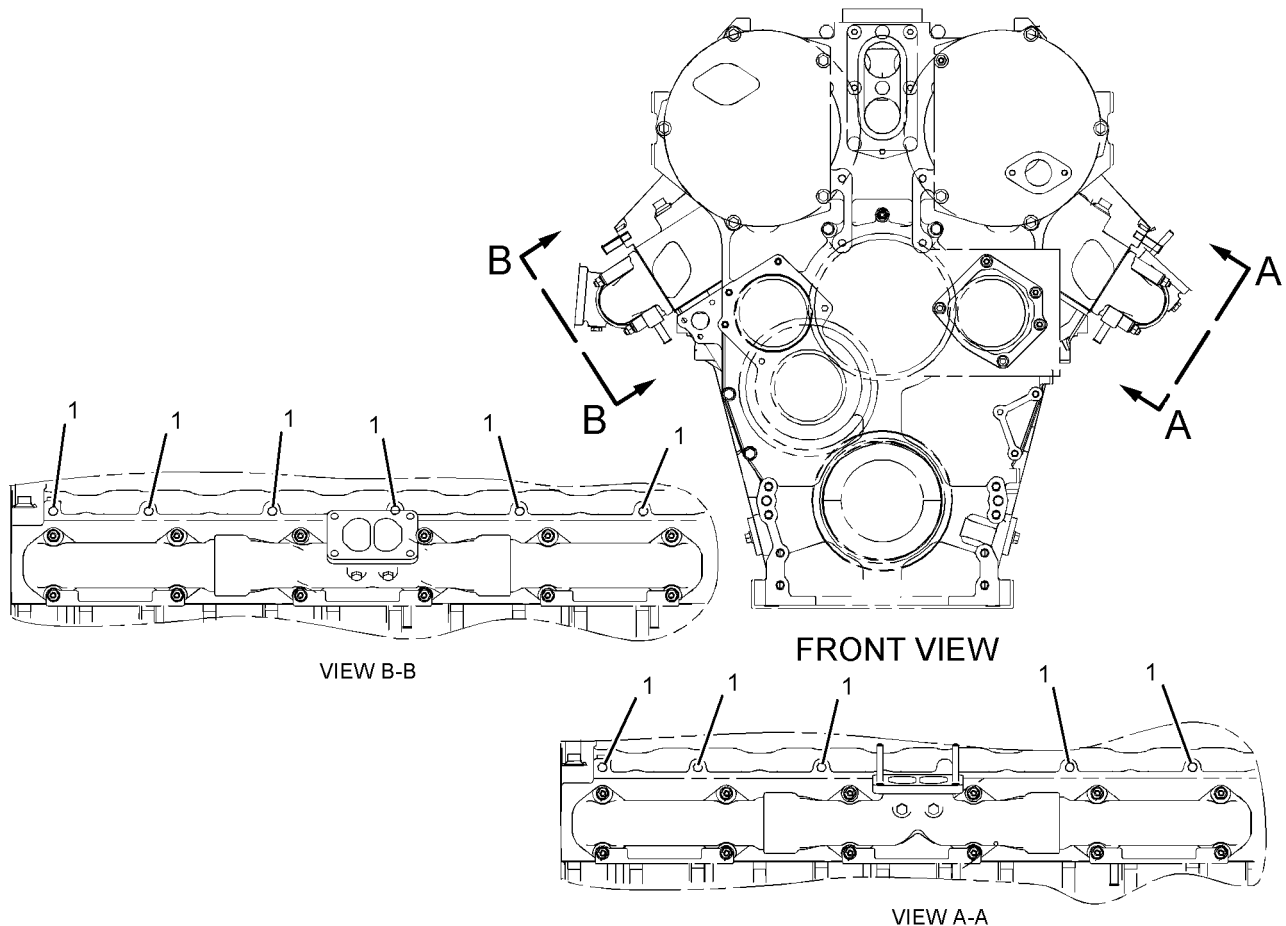
S/N: EHX1-UP

PART OF 212-2737, 212-2744, 271-2219, 271-2220 ENGINE AR-COMPLETE
ALSO AN ATTACHMENT

SMCS-1059

i02378829

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	5P-8134	11	CAP-PROTECTIVE	
		1	OS-0699	11	STUD	



GRAPHIC #1

<END>

g01137904

AIR INLET AND EXHAUST SYSTEM

212-9645 LINES GP-AIR-EXHAUST

S/N: RJG1-UP

PART OF 212-2745, 267-2900 INSTALLATION AR-ENGINE

SMCS-1071

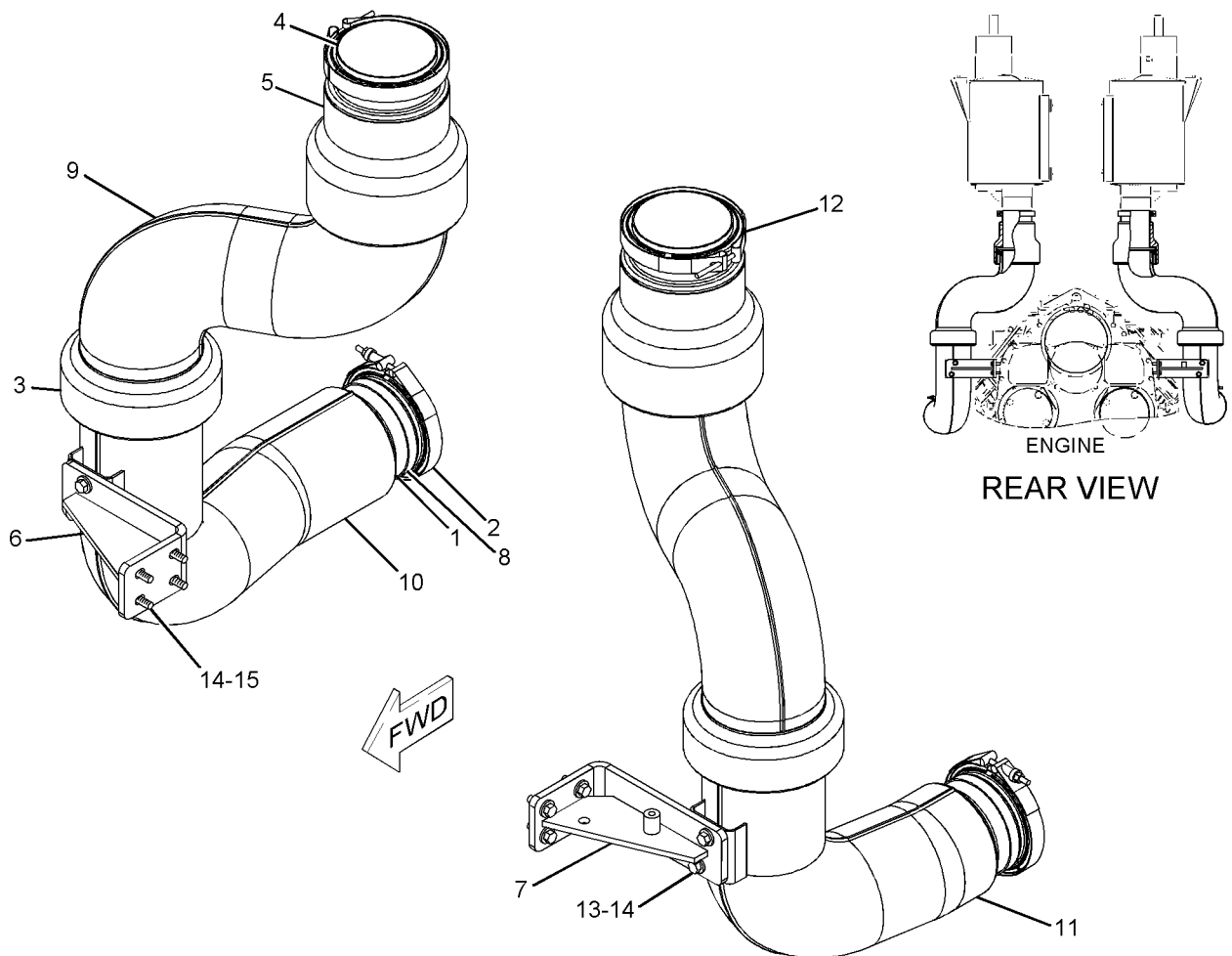
i03100095

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5L-8854	4	RING-SEALING						
	2	1	9N-1941	2	CLAMP-V-BAND						
					(EACH INCLUDES)						
		1	8T-0122	1	NUT-FULL (1/4-28-THD)						
	3	1	175-2582	4	RING-METAL SEAL						
	4	1	175-2583	2	SEAL-EXHAUST						
	5	1	175-2592	2	COUPLING AS						
					(EACH INCLUDES)						
		1	175-2589	1	RING-EXHAUST SEAL						
	6	1	229-2689	1	BRACKET AS						
	7	1	229-2690	1	BRACKET AS						
M		1	9R-2613	1	BOSS-WELD (M10X1.5X25-MM)						
	8	1	230-5440	2	COUPLING AS						
					(EACH INCLUDES)						
		1	9N-1940	1	ADAPTER-EXHAUST PIPE						
	9	1	255-3544	2	TUBE AS						
	10	1	255-3545	1	ELBOW AS						
	11	1	255-3546	1	ELBOW AS						
		1	1F-0750	2	NUT-WELD (3/8-16-THD)						
	12	1	214-9367	2	CLAMP-BAND						
	13	1	4L-6454	4	BOLT (3/8-16X1-IN)						
	14	1, 1	5P-1075	12	WASHER-HARD (10.2X22.5X3-MM THK)						
	15	1	9B-7237	8	BOLT (3/8-16X1.25-IN)						
M-METRIC PART											

AIR INLET AND EXHAUST SYSTEM

212-9645 LINES GP-AIR (contd.)

i03100095



GRAPHIC #1

<END>

g01137814

AIR INLET AND EXHAUST SYSTEM

212-9646 LINES GP-AIR-ENGINE INLET

S/N: RJG1-528

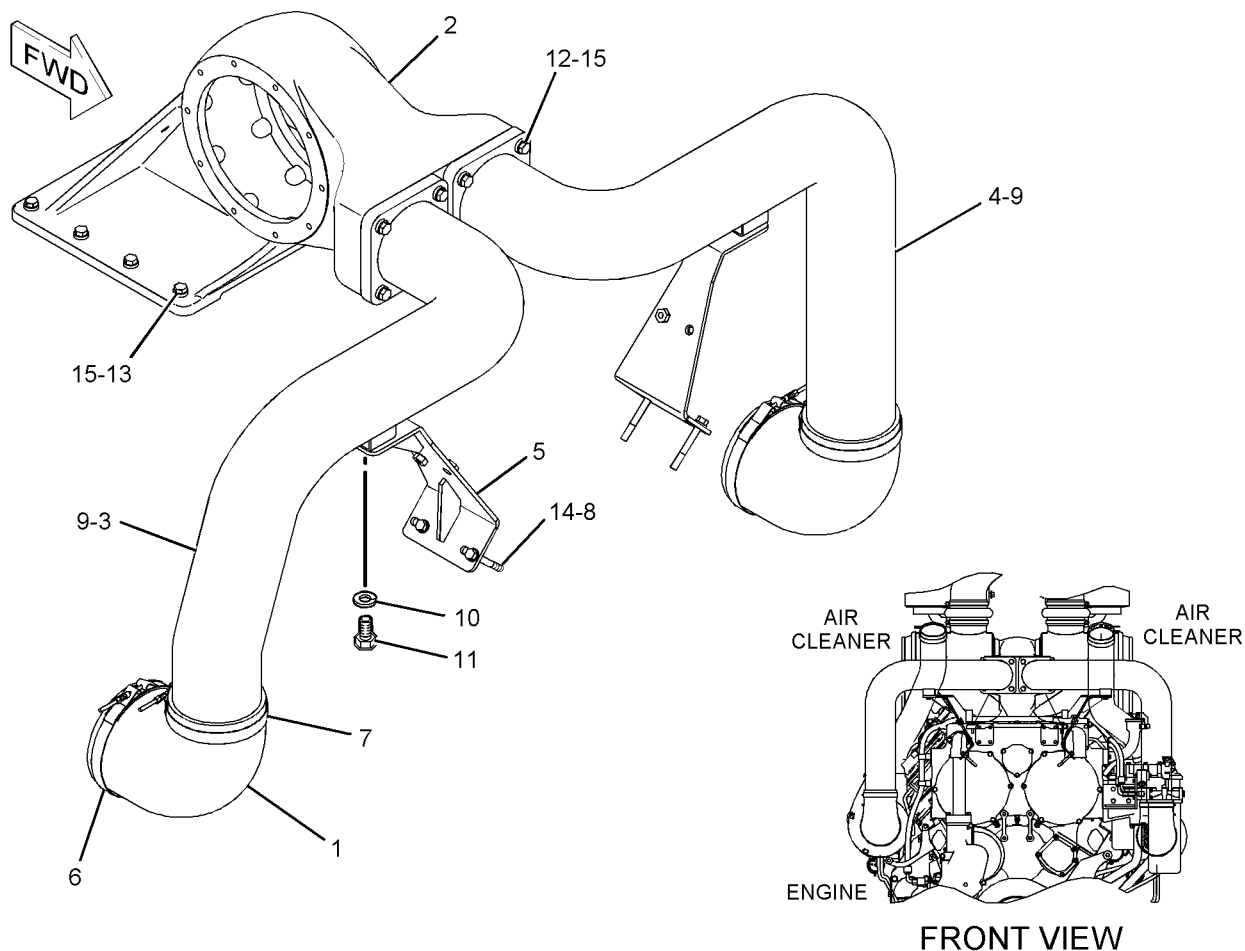
PART OF 212-2745 INSTALLATION AR-ENGINE

SMCS-1071

i02262710

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9N-9545	2	ELBOW						
	2	1	213-6907	1	SUPPORT - COVER						
	3	1	213-6908	1	TUBE AS						
	4	1	213-6909	1	TUBE AS						
	5	1	235-3172	2	BRACKET AS						
					(EACH INCLUDES)						
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)						
	6	1	223-7485	2	CLAMP						
	7	1	239-5609	2	CLAMP						
	8	1	5P-1075	4	WASHER-HARD (10.2X22.5X3-MM THK)						
	9	1	6V-1195	2	SEAL-O-RING						
	10	1	7X-7729	2	WASHER (11X25X3-MM THK)						
M	11	1	8T-4137	2	BOLT (M10X1.5X20-MM)						
M	12	1	8T-4185	8	BOLT (M10X1.5X50-MM)						
M	13	1	8T-4186	8	BOLT (M10X1.5X40-MM)						
	14	1	8T-7008	4	BOLT (3/8-16X3-IN)						
	15	1	8T-7934	16	WASHER-HARD (11X21X5-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01136387

AIR INLET AND EXHAUST SYSTEM

212-9647 LINES GP-AIR-ATAAC-REMOTE

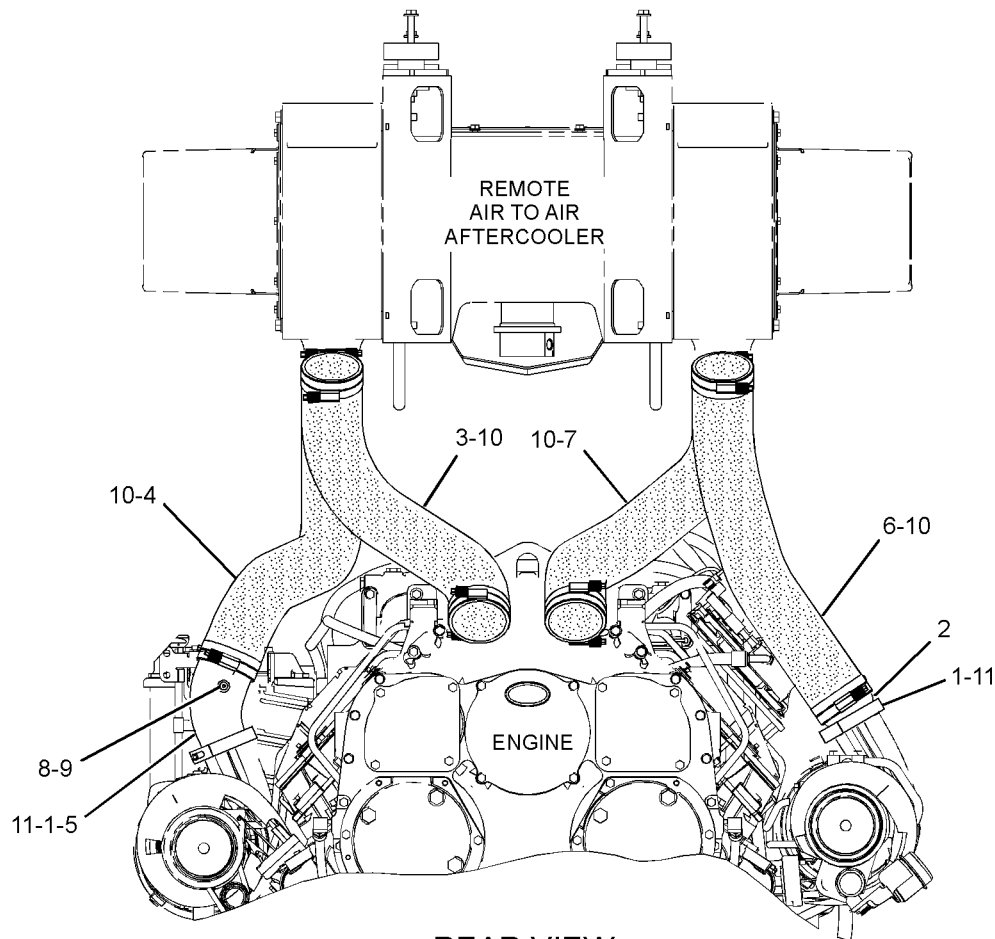
S/N: RJG1-528

PART OF 212-2745 INSTALLATION AR-ENGINE

SMCS-1071

i02358474

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	127-0929	2	CLAMP						
					(EACH INCLUDES)						
		1	8T-0122	1	NUT-FULL (1/4-28-THD)						
	2	1	129-6400	1	ADAPTER						
	3	1	213-6383	1	HOSE						
	4	1	213-6386	1	HOSE						
	5	1	217-8947	1	ELBOW (AFTERCOOLER, OUTLET)						
	6	1	255-3680	1	HOSE						
	7	1	255-3681	1	HOSE						
	8	1	6V-5048	1	SEAL-O-RING						
	9	1	9S-8002	1	PLUG-O-RING						
	10	1	9X-2201	16	CLAMP-HOSE						
	11	1	8C-3089	2	SEAL-O-RING						



REAR VIEW

GRAPHIC #1

<END>

g01227093

AIR INLET AND EXHAUST SYSTEM

216-0826 LINES GP-AIR

S/N: EHX1-4528

PART OF 212-2737, 212-2744, 271-2219, 271-2220 ENGINE AR-COMPLETE
ALSO AN ATTACHMENT

SMCS-1071

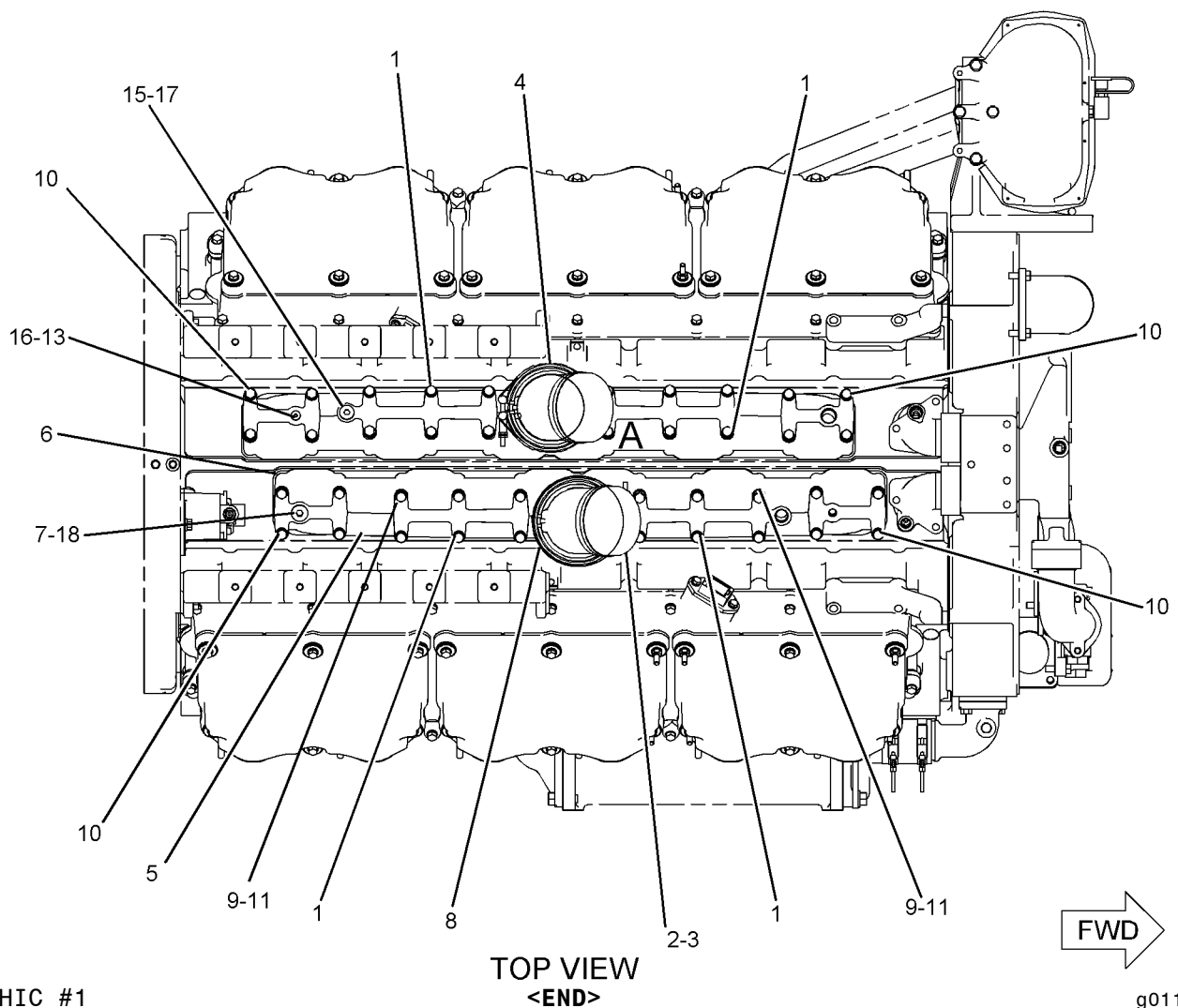
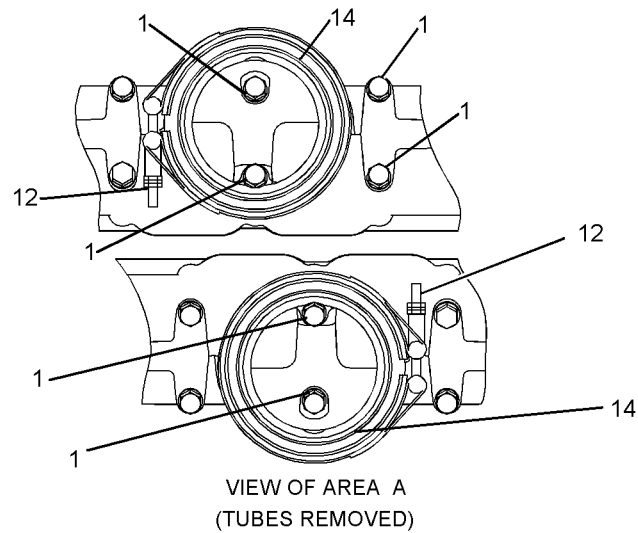
i02742883

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2P-3213	21	BOLT-WASHER HEAD (3/8-16X4.50-IN)						
	2	1	9N-6379	2	BOOT-AIR CLEANER ADAPTER						
	3	1	034-1432	2	STRAP-CABLE						
	4	1	217-5684	2	ELBOW						
	5	1	223-1998	2	MANIFOLD-INLET						
	6	1	226-5613	2	GASKET						
	7	1	136-7227	1	SEAL-O-RING						
	8	1	148-8407	2	PLUG AS						
					(EACH INCLUDES)						
		1	9S-4191	1	PLUG-O-RING						
		1	3J-1907	1	SEAL-O-RING						
	9	1	1A-5183	4	BOLT (3/8-16X4.75-IN)						
	10	1	2P-7557	13	BOLT (3/8-16X3.75-IN)						
	11	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	12	1	6L-3005	2	CLAMP-BAND						
	13	1	6V-5048	1	SEAL-O-RING						
	14	1	6V-6353	2	SEAL-O-RING						
	15	1	8L-2786	1	SEAL-O-RING						
	16	1	9S-8002	1	PLUG-O-RING						
	17	1	9S-8005	1	PLUG-O-RING						
	18	1	9S-8006	1	PLUG-O-RING						

AIR INLET AND EXHAUST SYSTEM

216-0826 LINES GP-AIR (contd.)

i02742883



GRAPHIC #1

g01125938

AIR INLET AND EXHAUST SYSTEM

267-2890 LINES GP-AIR

S/N: RJG529-UP

PART OF 267-2900 INSTALLATION AR-ENGINE

SMCS-1071

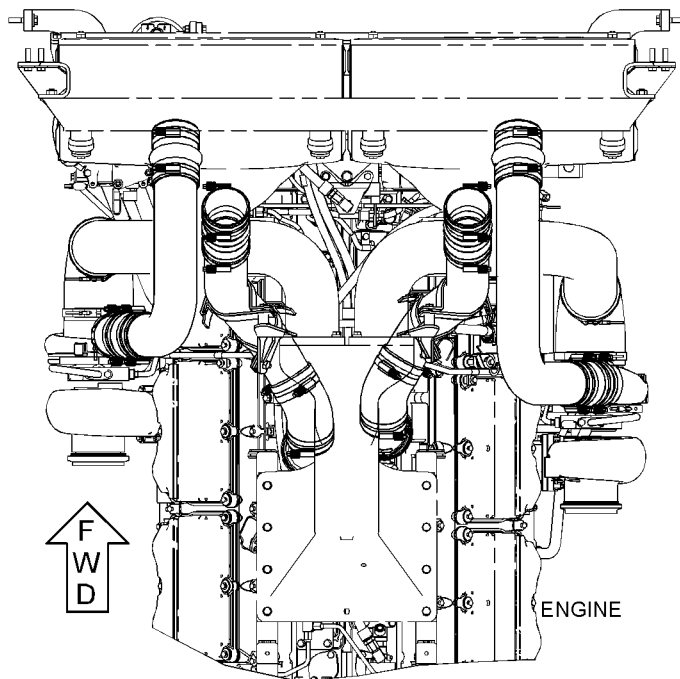
i02440769

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	7C-3910	2	HOSE	
	2	1	7E-8630	2	HOSE-AIR INLET	
	3	1	127-0929	2	CLAMP	
	4	1	129-6400	1	ADAPTER	
	5	1	186-2002	2	HOSE	
	6	1	217-8947	1	ELBOW (AFTERCOOLER, OUTLET)	
	7	1	267-2891	1	TUBE	
	8	1	267-2892	1	TUBE	
	9	1	267-2894	1	TUBE	
	10	1	267-2895	1	TUBE	
	11	1	267-2896	1	BRACKET AS	
M		1	7Y-8763	1	BOSS (M10X1.5X25-MM)	
	12	1	267-2897	1	BRACKET AS	
M		1	7Y-8763	1	BOSS (M10X1.5X25-MM)	
	13	1	269-1882	2	ELBOW	
	14	1	6V-5048	1	SEAL-O-RING	
	15	1	6V-6782	4	CLIP (SLOT)	
	16	1	6V-6783	4	CLIP (TAB)	
	17	1	8C-3089	2	SEAL-O-RING	
	18	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)	
M	19	1	8T-4186	4	BOLT (M10X1.5X40-MM)	
	20	1	9S-8002	1	PLUG-O-RING	
	21	1	9X-2201	32	CLAMP-HOSE	
M-METRIC PART						

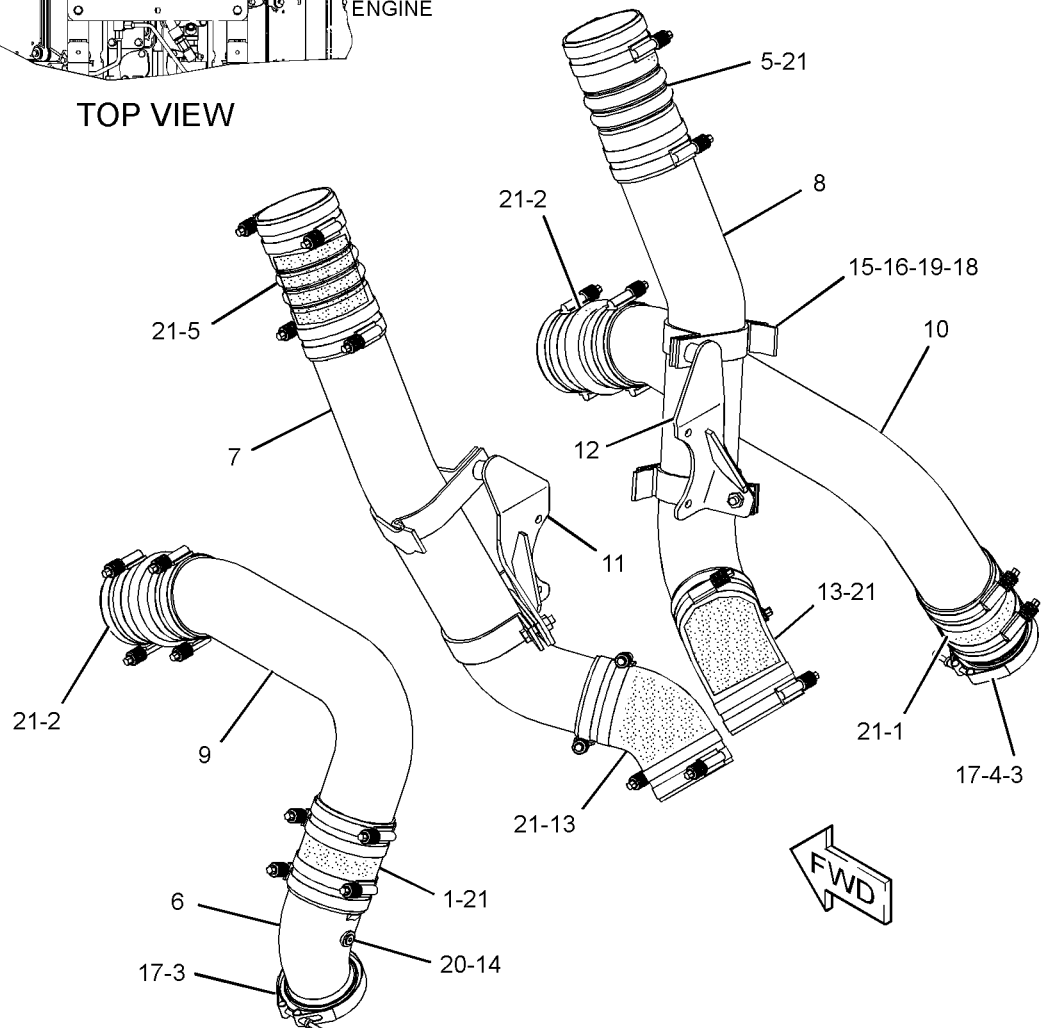
AIR INLET AND EXHAUST SYSTEM

267-2890 LINES GP-AIR (contd.)

i02440769



TOP VIEW



GRAPHIC #1

<END>

g01221845

AIR INLET AND EXHAUST SYSTEM

267-2905 LINES GP-AIR

S/N: RJG529-UP

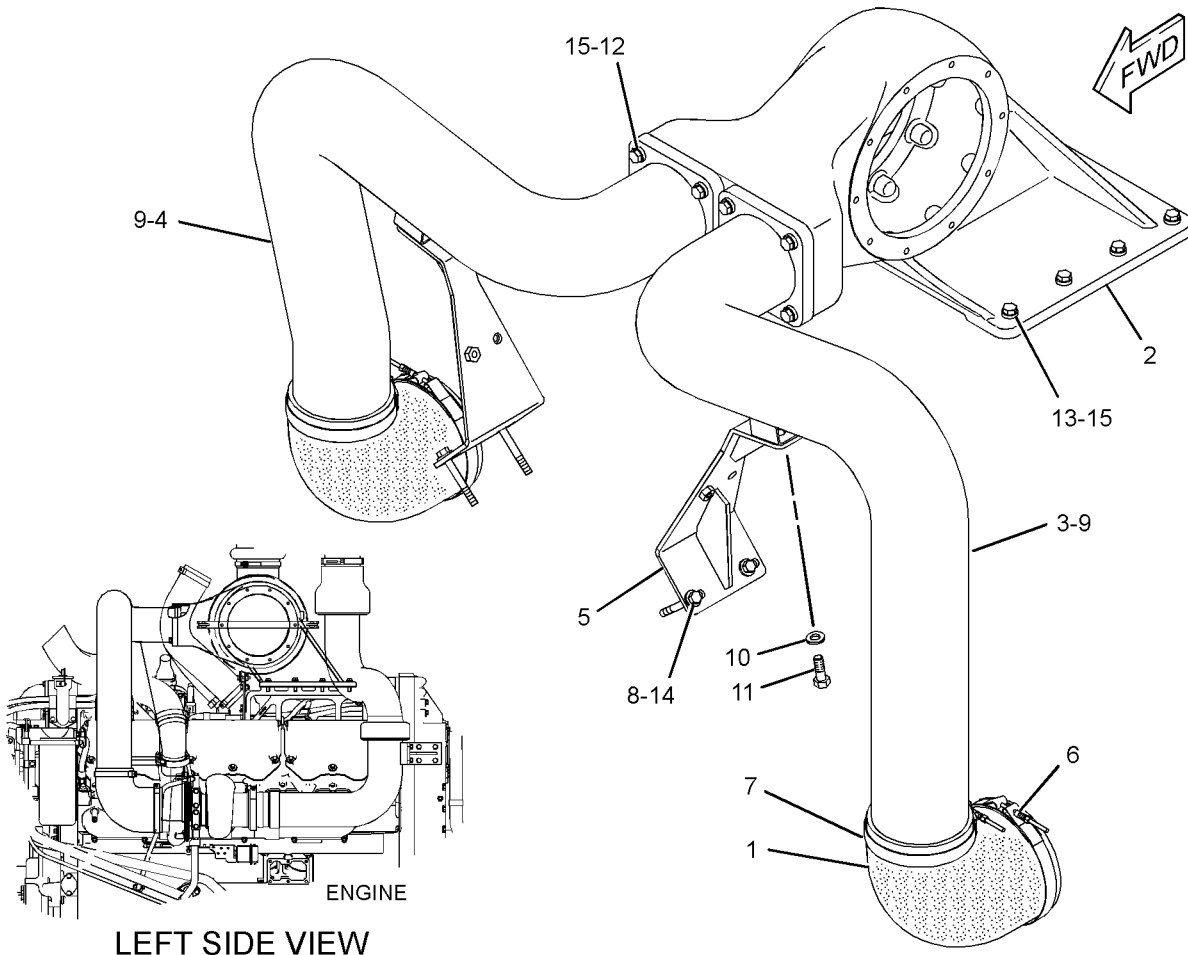
PART OF 267-2900 INSTALLATION AR-ENGINE

SMCS-1071

i02629887

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9N-9545	2	ELBOW						
	2	1	213-6907	1	SUPPORT-COVER						
	3	1	267-2906	1	TUBE AS						
	4	1	267-2907	1	TUBE AS						
	5	1	294-4708	2	BRACKET AS						
					(EACH INCLUDES)						
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)						
	6	1	223-7485	2	CLAMP						
	7	1	239-5609	2	CLAMP						
	8	1	5P-1075	4	WASHER-HARD (10.2X22.5X3-MM THK)						
	9	1	6V-1195	2	SEAL-O-RING						
	10	1	7X-7729	2	WASHER (11X25X3-MM THK)						
M	11	1	8T-4137	2	BOLT (M10X1.5X20-MM)						
M	12	1	8T-4185	8	BOLT (M10X1.5X50-MM)						
M	13	1	8T-4186	8	BOLT (M10X1.5X40-MM)						
	14	1	8T-7008	4	BOLT (3/8-16X3-IN)						
	15	1	8T-7934	16	WASHER-HARD (11X21X5-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01221795

AIR INLET AND EXHAUST SYSTEM

312-5583 LINES GP-AIR

S/N: EHX4529-UP

PART OF 271-2219, 271-2220 ENGINE AR-COMPLETE
ALSO AN ATTACHMENT

SMCS-1071

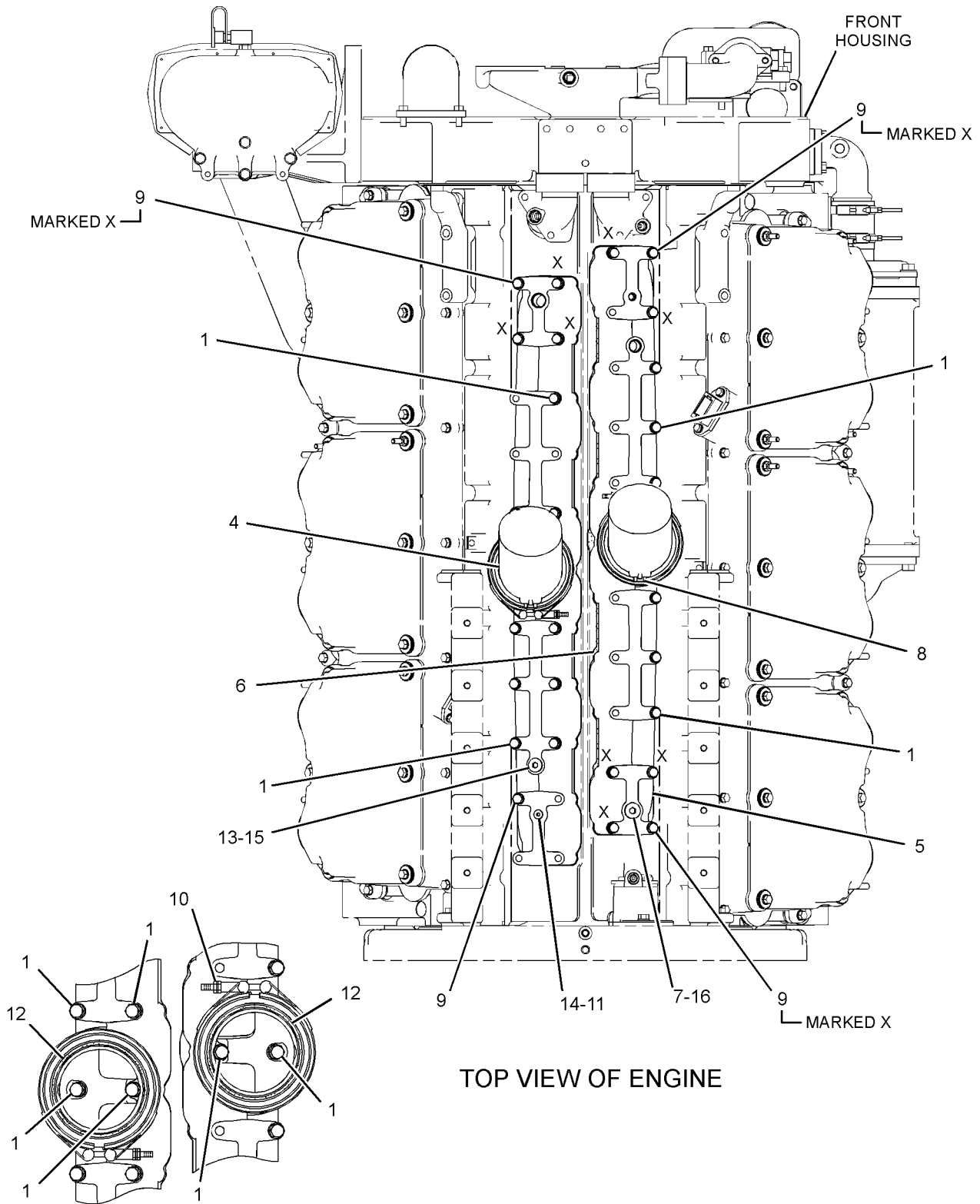
i03471464

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	2P-3213	19	BOLT-WASHER HEAD (3/8-16X4.50-IN)	
	4	1	217-5684	2	ELBOW	
	5	1	223-1998	2	MANIFOLD-INLET	
	6	1	226-5613	2	GASKET	
	7	1	136-7227	1	SEAL-O-RING	
	8	1	148-8407	2	PLUG AS	
					(EACH INCLUDES)	
		1	3J-1907	1	SEAL-O-RING	
		1	9S-4191	1	PLUG-O-RING	
	9	1	2P-7557	12	BOLT (3/8-16X3.75-IN) (MARKED X)	
	10	1	6L-3005	2	CLAMP-BAND	
	11	1	6V-5048	1	SEAL-O-RING	
	12	1	6V-6353	2	SEAL-O-RING	
	13	1	8L-2786	1	SEAL-O-RING	
	14	1	9S-8002	1	PLUG-O-RING	
	15	1	9S-8005	1	PLUG-O-RING	
	16	1	9S-8006	1	PLUG-O-RING	

AIR INLET AND EXHAUST SYSTEM

312-5583 LINES GP-AIR (contd.)

i03471464



TOP VIEW OF ENGINE

TOP VIEW

(ELBOWS REMOVED FOR CLARITY)

GRAPHIC #1

<END>

g01433374

AIR INLET AND EXHAUST SYSTEM

217-6686 MANIFOLD GP-EXHAUST

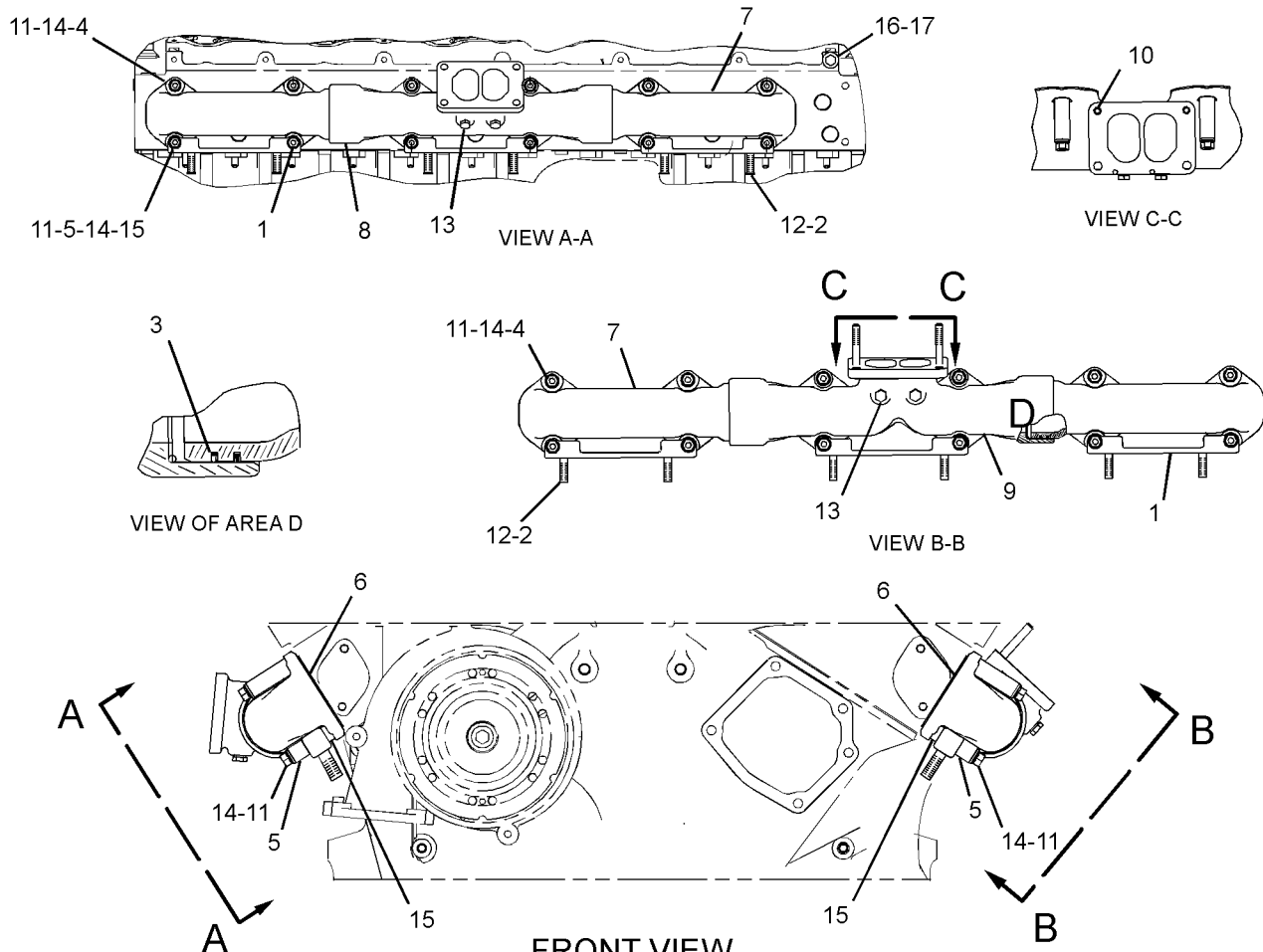
S/N: EHX1-UP

PART OF 212-2737, 212-2744, 271-2219, 271-2220 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1059

i03472770

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	2W-4474	6	BRACKET	
	2	1	5P-8134	12	CAP-PROTECTIVE	
	3	1	100-7401	8	SEAL AS-EXHAUST	
	4	1	108-3612	12	SPACER (11.13X19.05X53-MM THK)	
	5	1	114-9223	12	SPACER (11.13X19.05X19-MM THK)	
	6	1	239-1388	12	GASKET	
	7	1	163-3103	4	MANIFOLD-EXHAUST (END)	
	8	1	217-6459	1	MANIFOLD-EXHAUST (CENTER, RH)	
	9	1	217-6460	1	MANIFOLD-EXHAUST (CENTER, LH)	
	10	1	106-1793	2	STUD-TAPERLOCK (3/8-16X2.36-IN)	
	11	1	2N-2766	24	LOCKNUT (3/8-16-THD)	
	12	1	3K-3256	12	STUD-TAPERLOCK (3/8-16X1.7-IN)	
	13	1	5M-6213	4	PLUG-PIPE	
	14	1	5M-2894	24	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	15	1	6B-2882	12	SPACER (0.406X0.75X0.312-IN THK)	
	16	1	0S-0509	1	BOLT (3/8-16X0.75-IN)	
	17	1	7X-0546	1	WASHER-HARD (12X25.5X2-MM THK)	



GRAPHIC #1

<END>

g01224173

AIR INLET AND EXHAUST SYSTEM

272-0735 MODIFICATION AR-AFTERCOOLER

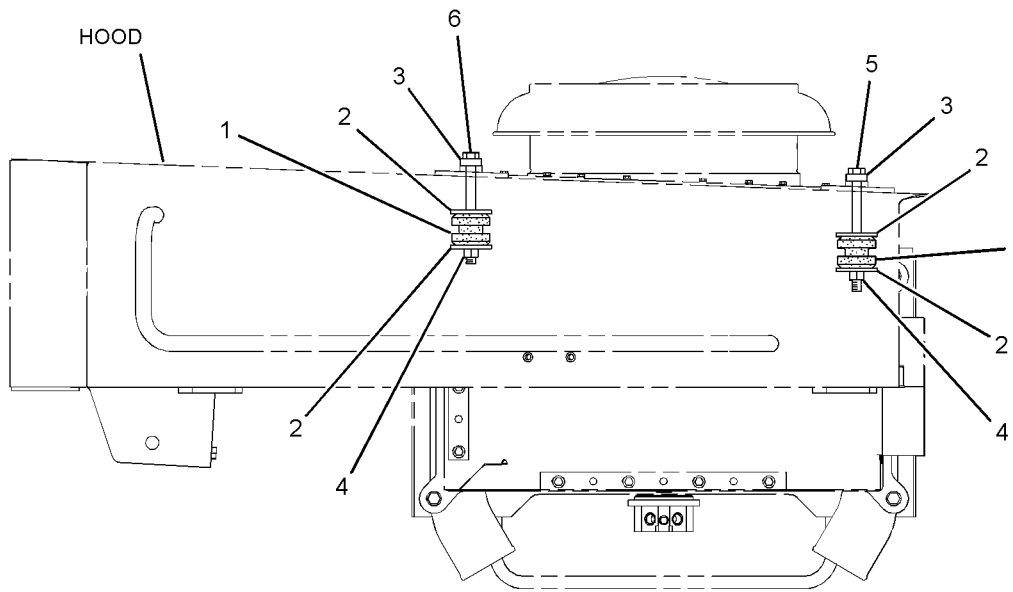
S/N: RJG1-UP
FIELD INSTALLATION

SMCS-1063

i02679890

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	265-6639	4	MOUNTING AS						
	2	1	268-4121	8	WASHER-HARD (16.2X70X6-MM THK)						
	3	1	267-8821	4	WASHER (17X36X12-MM THK)						
M	4	1	8T-4132	4	NUT (M16X2-THD)						
M	5	1	8T-6383	2	BOLT (M16X2X200-MM)						
M	6	1	8T-6385	2	BOLT (M16X2X180-MM)						

QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH LH AND RH SIDES
M-METRIC PART



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g01346136

AIR INLET AND EXHAUST SYSTEM

212-7680 MUFFLER GP

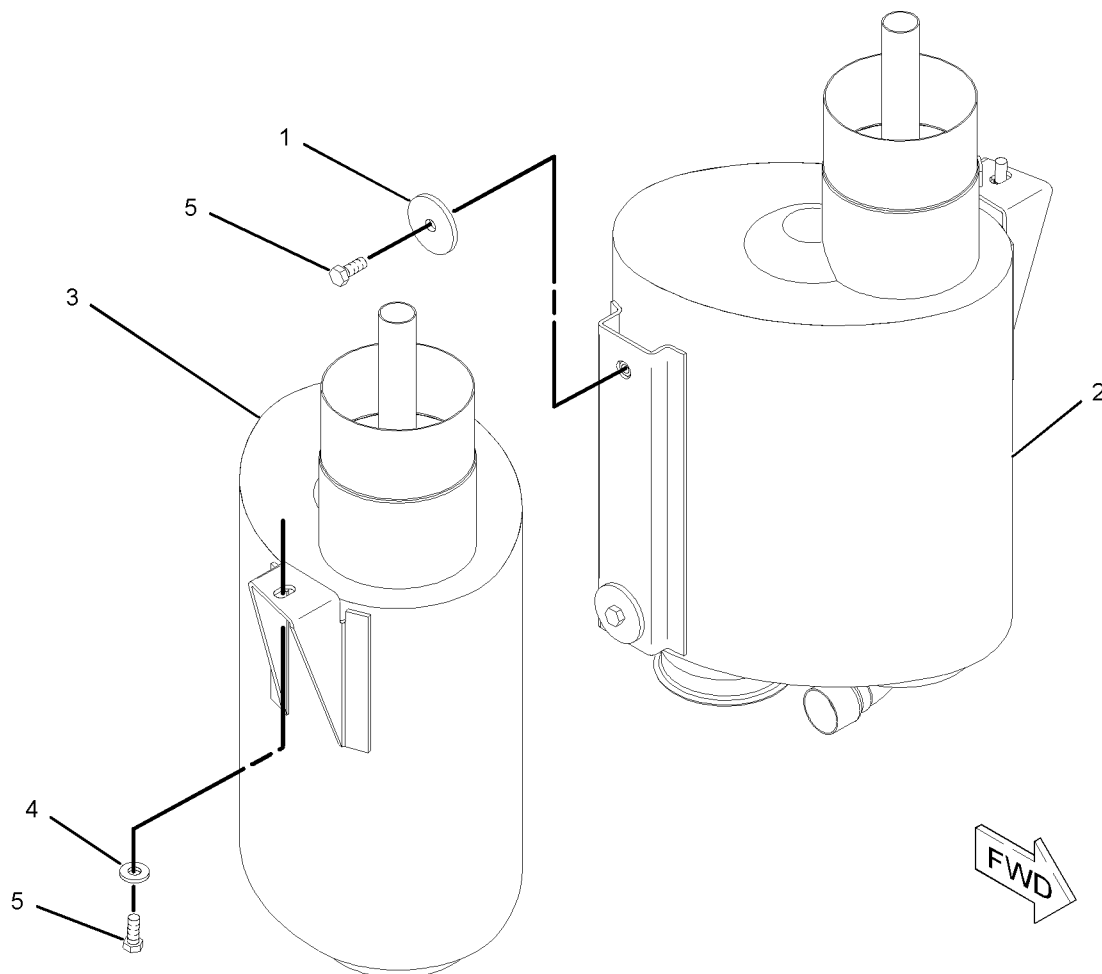
S/N: RJG1-528

PART OF 212-2745 INSTALLATION AR-ENGINE

SMCS-1062

i02049351

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5R-5927	4	WASHER (14X65X6-MM THK)						
	2	1	213-6732	1	MUFFLER AS (LH)						
	3	1	213-6733	1	MUFFLER AS (RH)						
	4	1	5P-1076	2	WASHER-HARD (13.5X30X4-MM THK)						
M	5	1	6V-3668	6	BOLT (M12X1.75X30-MM)						
M-METRIC PART											



GRAPHIC #1

<END>

g01052206

AIR INLET AND EXHAUST SYSTEM

269-7113 MUFFLER GP

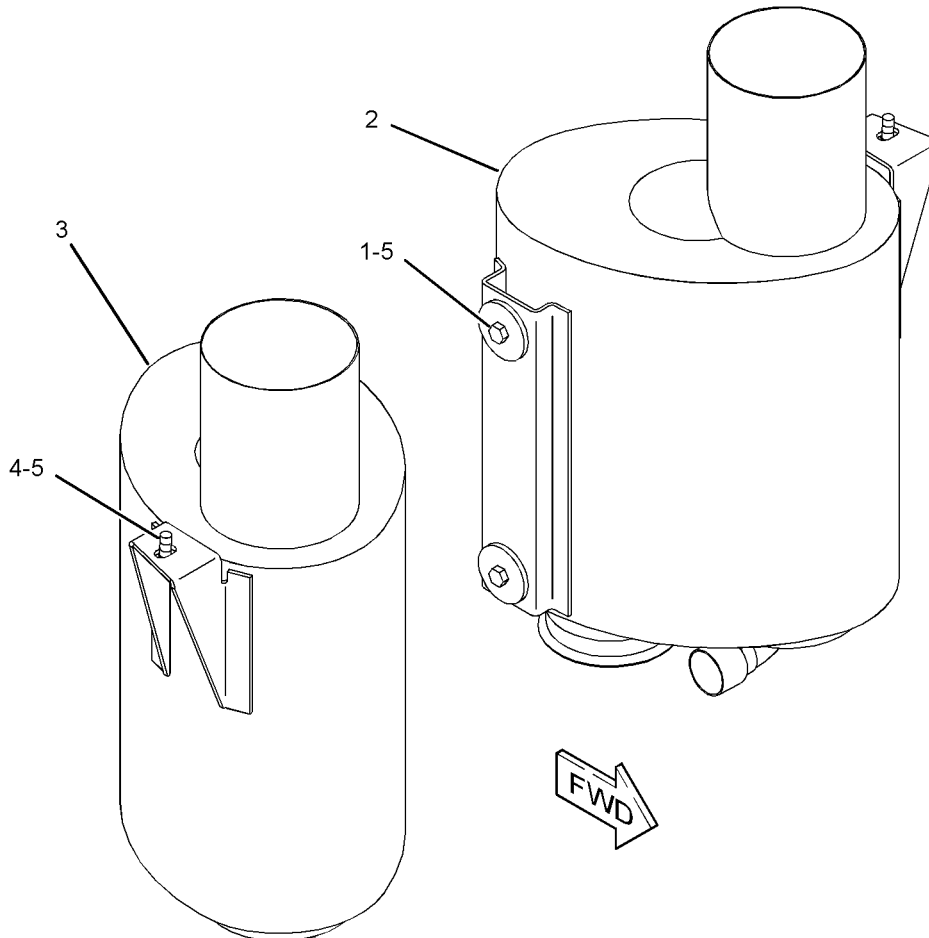
S/N: RJG529-UP

PART OF 267-2900 INSTALLATION AR-ENGINE

SMCS-1062

i02440682

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5R-5927	4	WASHER (14X65X6-MM THK)						
	2	1	269-7114	1	MUFFLER AS (LH)						
	3	1	269-7115	1	MUFFLER AS (RH)						
	4	1	5P-1076	2	WASHER-HARD (13.5X30X4-MM THK)						
M	5	1	6V-3668	6	BOLT (M12X1.75X30-MM)						
M-METRIC PART											



GRAPHIC #1

<END>

g01222040

AIR INLET AND EXHAUST SYSTEM

240-6904 PRECLEANER AR-WITH SCREEN

S/N: RJG1-528

AN ATTACHMENT

SMCS-1055

i02274665

			PART NAME						SEE
NOTE	PART NUMBER	QTY	1	2	3	4	5	6 (PRODUCT LEVEL)	PAGE
Y	203-6549	4	PRECLEANER GP (TURBINE)						218
Y-SEPARATE ILLUSTRATION									

<END>

AIR INLET AND EXHAUST SYSTEM

240-6905 PRECLEANER AR

S/N: RJG1-528
WITHOUT SCREEN
AN ATTACHMENT

SMCS-1055

i03531600

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1W-8620	2	VALVE AS-CHECK (EXHAUST)	
	2	1	3E-7424	8	CLAMP-HOSE	
	3	1	3E-7447	2	CLAMP-HOSE	
	4	1	5P-0597	16	CLAMP-HOSE	
	5	1	6N-3356	1	HOSE	
	6	1	9M-3835	4	LATCH-RUBBER	
	7	1	9X-4008	4	HOSE	
	8	1	180-2449	2	ELBOW	
	9	1	244-8822	1	HOOD AS	
	10	1	248-6931	4	PRECLEANER GP (TURBINE) (EACH INCLUDES)	
	10A	1	130-3281	1	PRECLEANER AS (AIR TURBINE)	
JZ	10B	1		1	PRESCREEN AS	
	10C	1	145-6669	6	SCREW-SELF-TAPPING (NO 10X19.05-MM)	
	10D	1	145-9987	1	ADAPTER AS	
Z	10E	1		1	TUBE AS	
	11	1	248-6934	2	BOX AS (PRECLEANER)	
	12	1	248-6935	1	BOX AS (AFTERCOOLER)	
	13	1	248-6936	1	TUBE AS (TOP)	
	14	1	248-6937	1	TUBE AS (BOTTOM)	
	15	1	248-6938	1	COVER AS (FRONT)	
	16	1	248-6939	1	COVER AS (REAR)	
	17	1	248-6940	1	BOX AS (SCREEN, LH)	
	18	1	248-6941	1	BOX AS (SCREEN, RH)	
	19	1	248-6942	4	SCREEN AS (ENGINE, AFTERCOOLER) -OR-	
F			248-6951	4	SCREEN AS (ENGINE, AFTERCOOLER) (FINE FILTRATION)	
	20	1	253-8285	2	TUBE AS (LH)	
	21	1	253-8286	2	TUBE AS (RH)	
	22	1	259-6123	2	TUBE	
	23	1	263-8623	1	SUPPORT AS	
		1	8F-9836	3	BOSS (3/8-16-THD)	
	24	1	2M-5795	4	PIN-CLEVIS	
	25	1	4L-6454	24	BOLT (3/8-16X1-IN)	
	26	1	5P-1075	24	WASHER-HARD (10.2X22.5X3-MM THK)	
	27	1	5P-1076	12	WASHER-HARD (13.5X30X4-MM THK)	
	28	1	5V-1496	4	RETAINER	
	29	1	7X-4736	4	GROMMET	
	30	1	7X-7729	17	WASHER (11X25X3-MM THK)	
	31	1	8T-2501	8	BOLT (3/8-16X2-IN)	
M	32	1	8T-4133	2	NUT (M10X1.5-THD)	
M	33	1	8T-4139	12	BOLT (M12X1.75X30-MM)	
M	34	1	8T-4186	10	BOLT (M10X1.5X40-MM)	
M	35	1	8T-4196	5	BOLT (M10X1.5X35-MM)	
	36	1	8T-4896	14	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	37	1	9B-7237	6	BOLT (3/8-16X1.25-IN)	
E	38	1	5P-1471		HOSE (97-CM)	
E	38A	1	5P-1471		HOSE (17-CM)	
E	38B	1	5P-1471		HOSE (63-CM EACH)	
E	38C	1	5P-1471		HOSE (52-CM)	
E	38D	1	5P-1471		HOSE (100-CM)	
E	38E	1	5P-1471		HOSE (31-CM EACH)	
D	39	1	5P-7211		SEAL (0.11-M EACH)	
D	39A	1	5P-7211		SEAL (0.16-M EACH)	

AIR INLET AND EXHAUST SYSTEM

240-6905 PRECLEANER AR (contd.)

i03531600

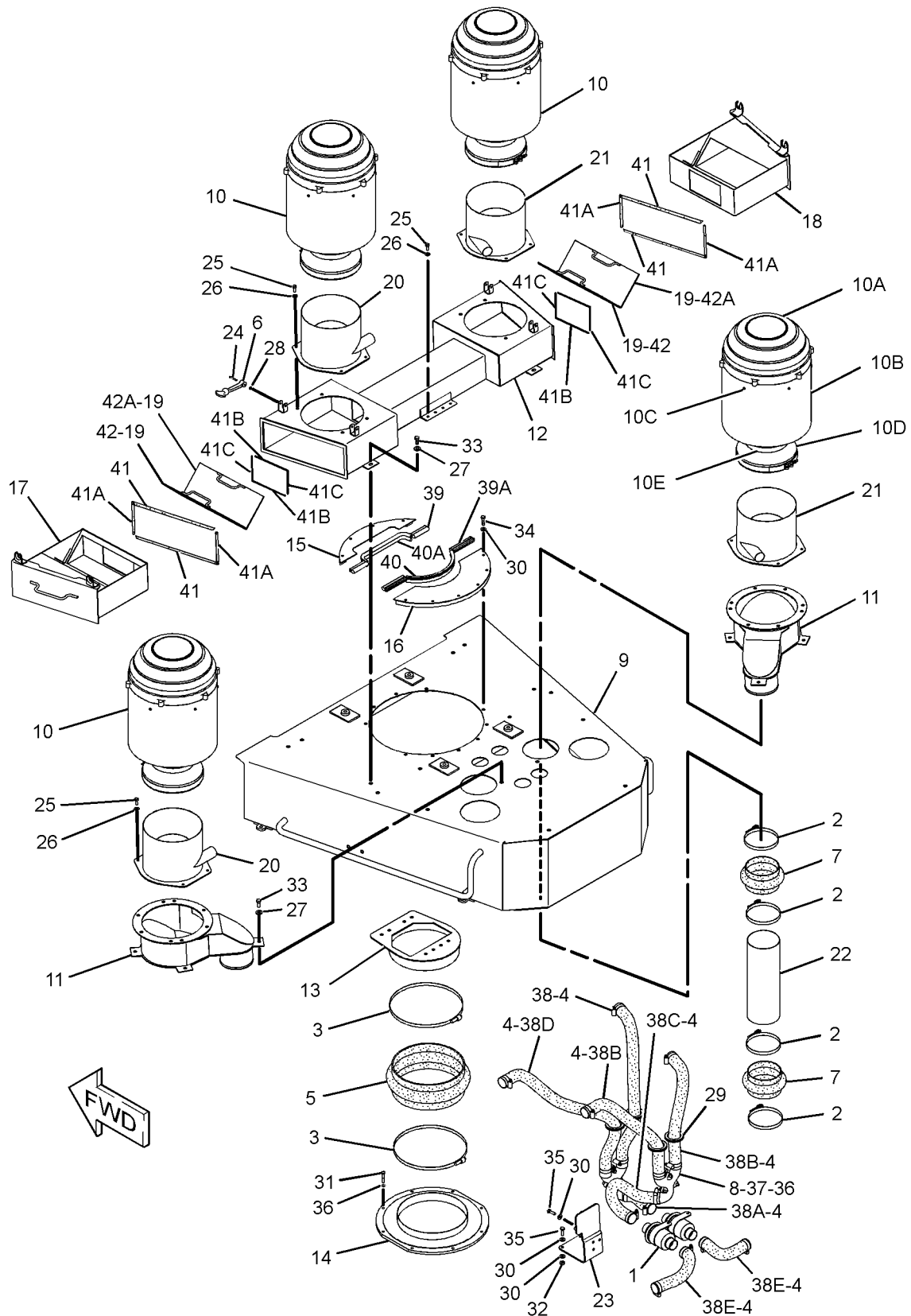
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
E	40	1	120-5281		SEAL (38-CM)						
E	40A	1	120-5281		SEAL (37.5-CM)						
E	41	1	249-0409		SEAL (45.2-CM EACH)						
E	41A	1	249-0409		SEAL (18-CM EACH)						
E	41B	1	249-0409		SEAL (23-CM EACH)						
E	41C	1	249-0409		SEAL (11.8-CM EACH)						
E	42	1	145-5664		SEAL (42.3-CM EACH)						
E	42A	1	145-5664		SEAL (17.5-CM EACH)						
					AVAILABLE REPAIR KIT(S):						
J			153-1278	1	KIT-PRECLEANER (TURBINE)						
					(KIT INCLUDES PRESCREEN, SCREWS, DAMPER, TUBE, & CLAMPS)						

D-ORDER BY THE METER
 E-ORDER BY THE CENTIMETER
 F-NOT SHOWN
 J-KIT MARKED J SERVICES PART MARKED J
 M-METRIC PART
 Z-NOT SERVICED SEPARATELY

AIR INLET AND EXHAUST SYSTEM

240-6905 PRECLEANER AR (contd.)

i03531600



GRAPHIC #1

<END>

g01234368

AIR INLET AND EXHAUST SYSTEM

268-6651 PRECLEANER AR

S/N: RJG529-UP

WITH SCREEN

AN ATTACHMENT

SMCS-1055

i02465459

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	5P-0597	4	CLAMP-HOSE	
	2	1	248-6931	2	PRECLEANER GP (TURBINE)	
					(EACH INCLUDES)	
	2A	1	130-3281	1	PRECLEANER AS (AIR TURBINE)	
		1	174-4895	2	CLAMP	
HZ	2B	1		1	PRESCREEN AS	
	2C	1	145-6669	6	SCREW-SELF-TAPPING (NO 10X19.05-MM)	
	2D	1	145-9987	1	ADAPTER AS	
	2E	1	244-3462	1	TUBE AS	
	3	1	268-9447	1	PIPE AS	
	4	1	268-9448	1	PIPE AS	
	5	1	4L-6454	8	BOLT (3/8-16X1-IN)	
	6	1	5P-4325	2	CLIP	
	7	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)	
M	8	1	8T-4137	2	BOLT (M10X1.5X20-MM)	
	9	1	8T-4896	8	WASHER-HARD (10.2X18.5X2.5-MM THK)	
E	10	1	5P-1471		HOSE (96-CM)	
E	10A	1	5P-1471		HOSE (94-CM)	
					AVAILABLE REPAIR KIT(S):	
H			153-1278	1	KIT-PRECLEANER (TURBINE)	
					(INCLUDES PRESCREEN, SCREWS, DAMPER, TUBE, & CLAMPS)	

E-ORDER BY THE CENTIMETER

H-PARTS MARKED H INCLUDED IN KIT MARKED H

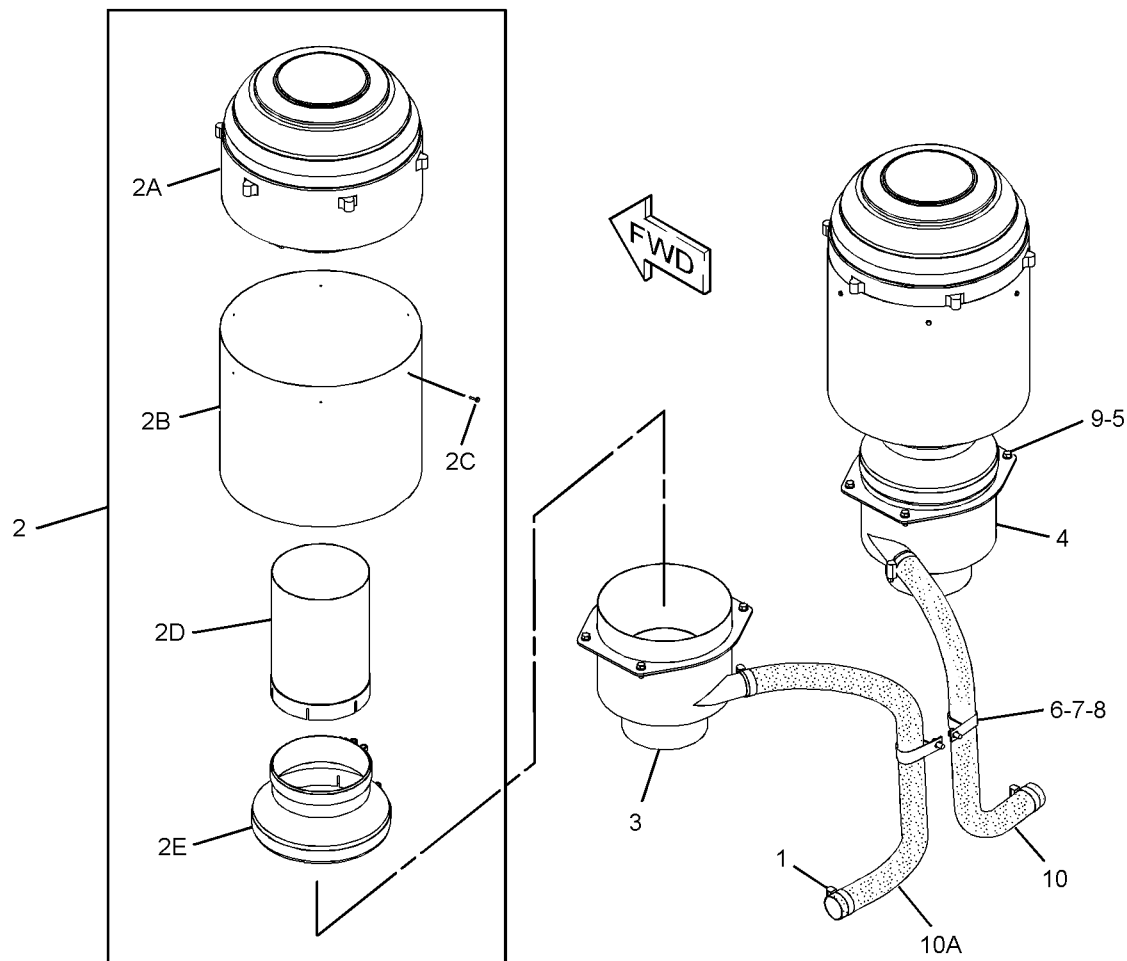
M-METRIC PART

Z-NOT SERVICED SEPARATELY

AIR INLET AND EXHAUST SYSTEM

268-6651 PRECLEANER AR (contd.)

i02465459



GRAPHIC #1

<END>

g01231687

AIR INLET AND EXHAUST SYSTEM

175-7542 PRECLEANER GP

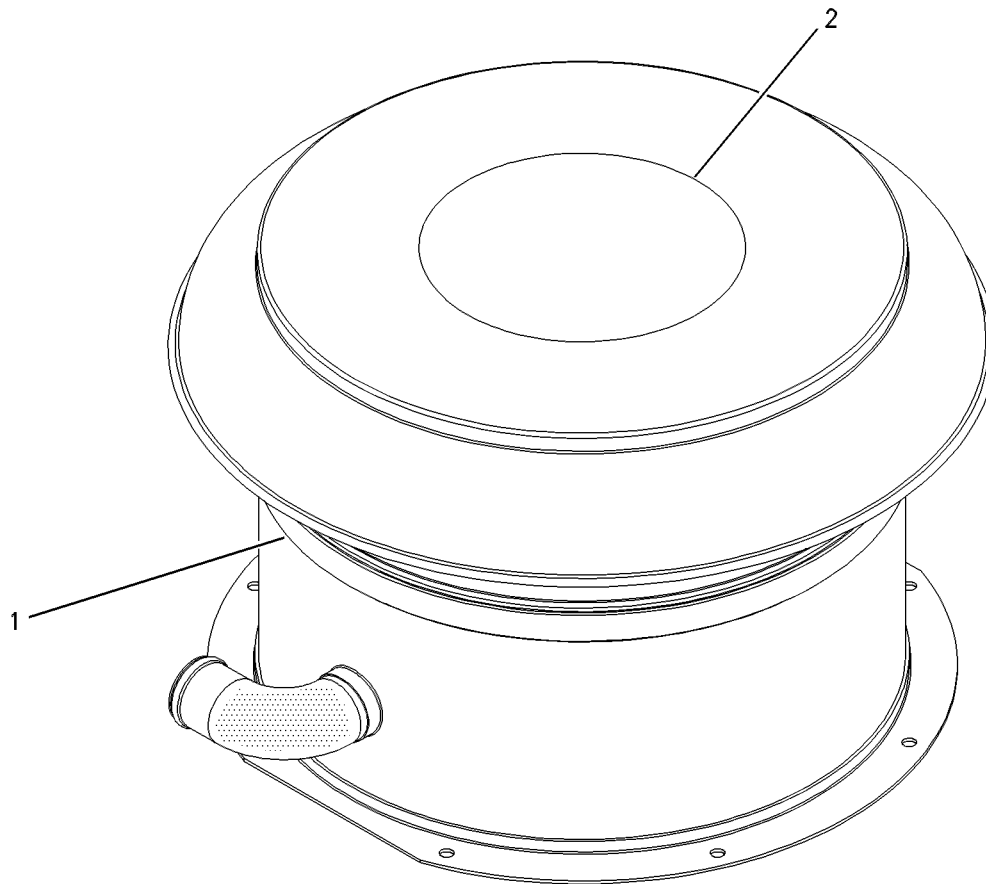
S/N: RJG1-528

PART OF 212-2745 INSTALLATION AR-ENGINE

SMCS-1055

i01449409

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	169-0902	1	BODY-PRECLEANER	
	2	1	169-0903	1	COVER AS-PRECLEANER	



GRAPHIC #1

<END>

g00653640

AIR INLET AND EXHAUST SYSTEM

203-6549 PRECLEANER GP-TURBINE

S/N: RJG1-528

WITH SCREEN

PART OF 240-6904 PRECLEANER AR

FIELD REPLACEMENT ORDER 130-3281 PRECLEANER AS, 153-1278 KIT-PRECLEANER,

163-5748 KIT-INSTALLATION

AN ATTACHMENT

SMCS-1055

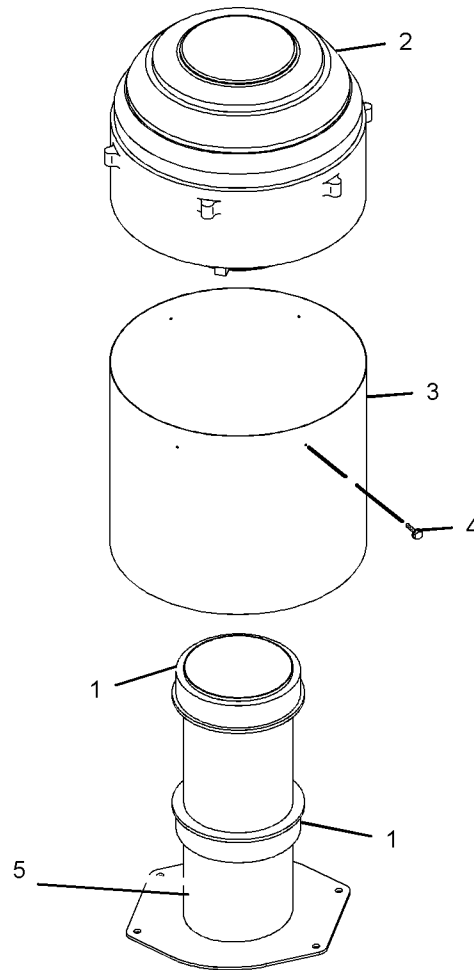
i03531620

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	1	2	3	4	5	6	(PRODUCT LEVEL)	SEE PAGE	
HJ	1	1	107-7495	2	DAMPER								
	2	1	130-3281	1	PRECLEANER AS (AIR TURBINE)								
		1	174-4895	2	CLAMP								
JZ	3	1		1	PRESCREEN AS								
	4	1	145-6669	6	SCREW-SELF-TAPPING (NO 10X19.05-MM)								
HZ	5	1		1	PIPE AS								
AVAILABLE REPAIR KIT(S):													
H			163-5748	1	KIT-PRECLEANER								
	(INCLUDES GASKET, DAMPERS, PIPE ASSEMBLIES, BOLTS, WASHERS, & COVER)												
J			153-1278	1	KIT-PRECLEANER (TURBINE)								
	(INCLUDES PRESCREEN, SCREWS, DAMPER, TUBE, & CLAMPS)												

H- (PARTS MARKED H INCLUDED IN KIT MARKED H)

J- (PART MARKED J INCLUDED IN KIT MARKED J)

Z- NOT SERVICED SEPARATELY



GRAPHIC #1

<END>

g01110833

AIR INLET AND EXHAUST SYSTEM

245-8220 PRECLEANER GP-CAB AIR

S/N: RJG1-1839

PART OF 248-4171, 248-4172 CAB AR
AN ATTACHMENT

SMCS-1055

i03274302

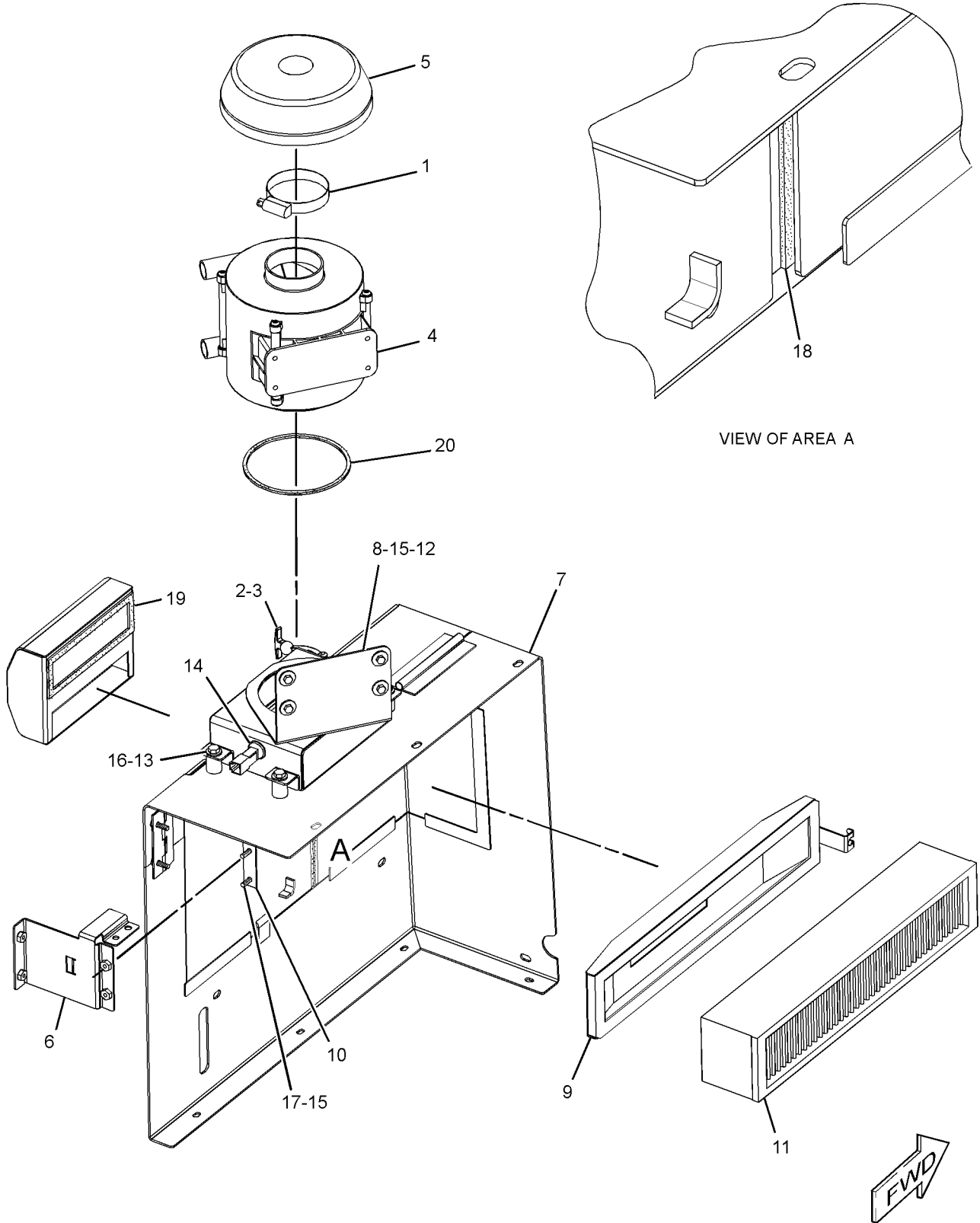
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3E-7404	1	CLAMP-HOSE						
	2	1	8L-7905	4	RIVET-POP						
	3	1	117-9066	1	LATCH AS						
	4	1	232-3583	1	PRECLEANER GP (CAB AIR)						
		1	9W-0852	2	PIN-CONNECTOR (14-GA)						
		1	321-3374	1	MOTOR AS-BLOWER (24-VOLT, CAB AIR)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	5	1	235-0320	1	CAP AS-AIR CLEANER (PRECLEANER)						
		1	3E-7404	1	CLAMP-HOSE						
	6	1	261-8821	1	BRACKET AS						
M		1	6V-9632	4	NUT-WELD (M6X1-THD)						
	7	1	262-5228	1	COVER AS						
	8	1	262-5229	1	PLATE AS						
	9	1	262-5230	1	PLATE AS						
	10	1	265-0959	1	BRACKET AS						
	11	1	311-4065	1	FILTER ELEMENT-AIR (ADVANCED EFFICIENCY)						
	12	1	117-8929	4	WASHER (6.6X22X2-MM THK)						
	13	1	5P-4116	4	WASHER-HARD (8.8X20.5X2-MM THK)						
	14	1	5P-8525	1	GROMMET						
M	15	1	8T-4138	10	BOLT (M6X1X20-MM)						
M	16	1	8T-4189	4	BOLT (M8X1.25X20-MM)						
	17	1	8T-4205	6	WASHER-HARD (7.2X14.5X2-MM THK)						
D	18	1	6V-9335		SEAL (0.4-M)						
D	19	1	5P-5639		SEAL (0.5-M)						
E	20	1	8T-9005		SEAL (23-CM)						

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

AIR INLET AND EXHAUST SYSTEM

245-8220 PRECLEANER GP (contd.)

i03274302



GRAPHIC #1

<END>

g01664275

AIR INLET AND EXHAUST SYSTEM

308-5201 PRECLEANER GP

S/N: RJG1840-UP

PART OF 248-4171, 248-4172 CAB AR
AN ATTACHMENT

SMCS-1055

i03424483

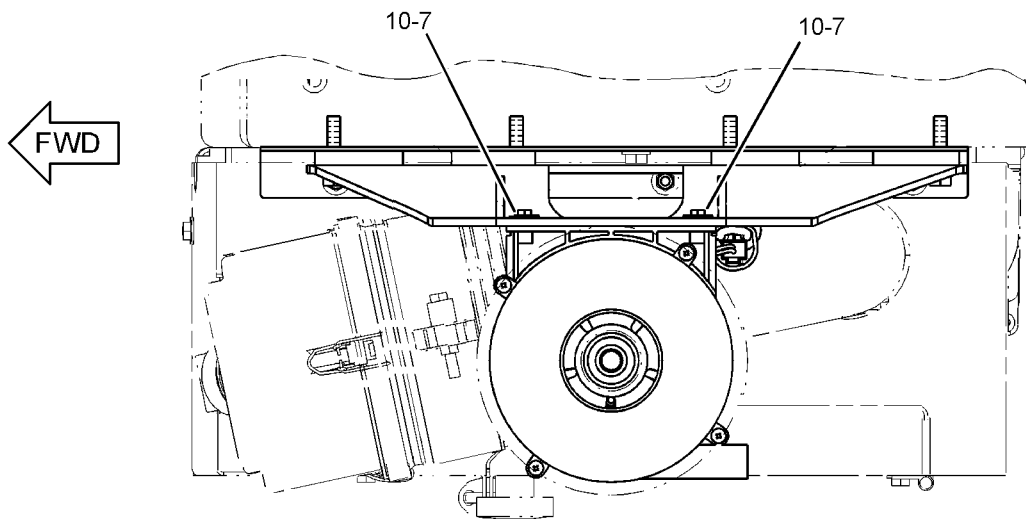
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3E-7404	1	CLAMP-HOSE						
	2	1	7K-1181	2	STRAP-CABLE						
	3	1	283-0775	1	HOSE						
	4	1	289-6215	1	PRECLEANER GP-CAB AIR						
		1	321-3374	1	MOTOR AS-BLOWER (24-VOLT, CAB AIR)						
		1	9W-0852	2	PIN-CONNECTOR (14-GA)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	5	1	309-6517	1	BRACKET AS						
	6	1	326-6601	1	BRACKET AS						
	7	1	117-8929	4	WASHER (6.6X22X2-MM THK)						
	8	1	5P-0599	1	CLAMP-BAND						
	9	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
M	10	1	8T-4138	4	BOLT (M6X1X20-MM)						
M	11	1	8T-4182	4	BOLT (M10X1.5X45-MM)						
	12	1	9G-1307	1	GROMMET						

M-METRIC PART

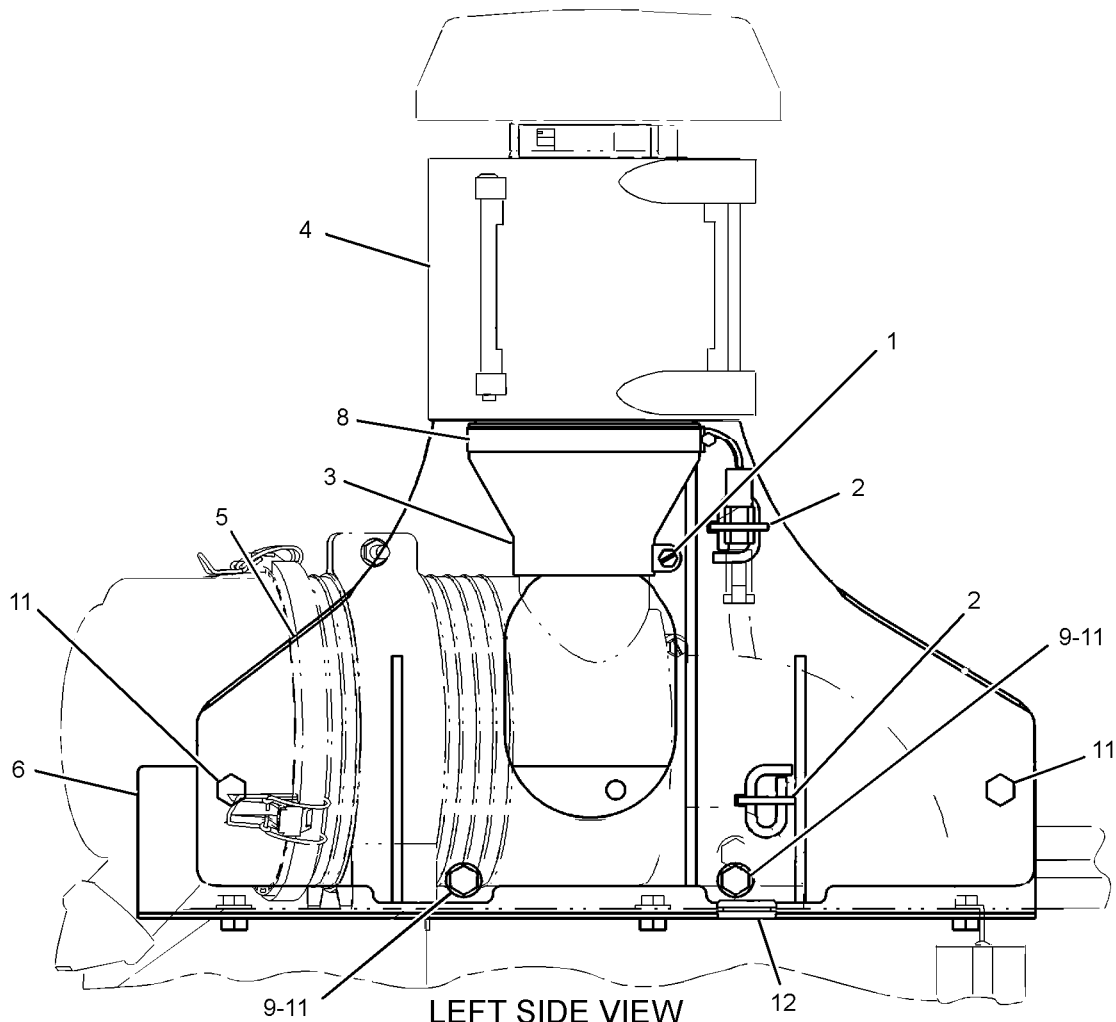
AIR INLET AND EXHAUST SYSTEM

308-5201 PRECLEANER GP (contd.)

i03424483



TOP VIEW



LEFT SIDE VIEW

GRAPHIC #1

<END>

g01836898

AIR INLET AND EXHAUST SYSTEM

212-7688 SHIELD GP-HEAT

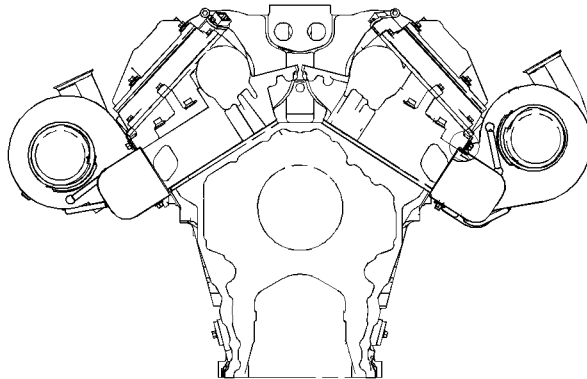
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PART OF 212-2745, 267-2900 INSTALLATION AR-ENGINE

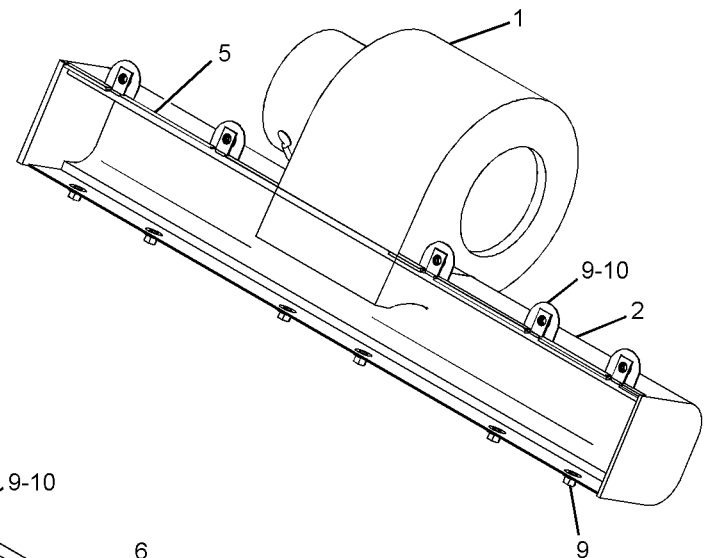
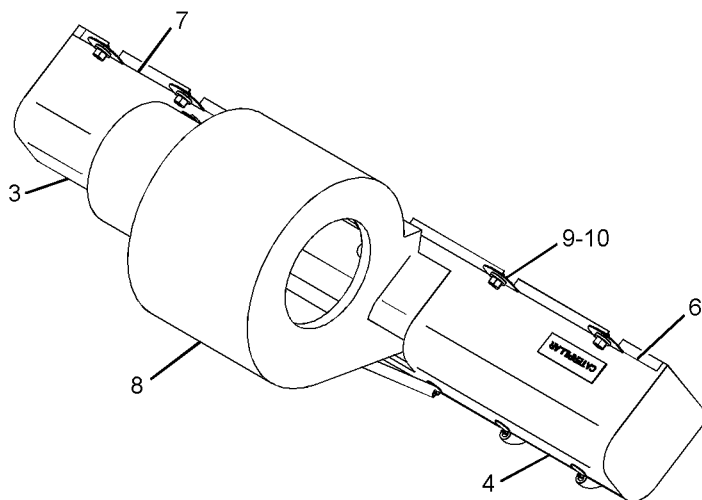
SMCS-1067

i03016478

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	213-6864	1	SHIELD AS-HEAT (TURBOCHARGER)						
	2	1	213-6865	1	SHIELD AS-HEAT (LH)						
	3	1	213-6866	1	SHIELD AS-HEAT (RH-FRONT)						
	4	1	239-1464	1	SHIELD AS-HEAT (RH-REAR)						
	5	1	260-9421	1	BRACKET						
	6	1	260-9423	1	BRACKET						
	7	1	260-9424	2	BRACKET						
	8	1	265-9370	1	SHIELD AS-TURBOCHARGER						
	9	1	5P-1075	20	WASHER-HARD (10.2X22.5X3-MM THK)						
	10	1	6V-8801	20	NUT (3/8-16-THD)						



REAR VIEW
OF ENGINE



GRAPHIC #1

<END>

g01140863

AIR INLET AND EXHAUST SYSTEM

234-5913 SUPPORT GP-AFTERCOOLER

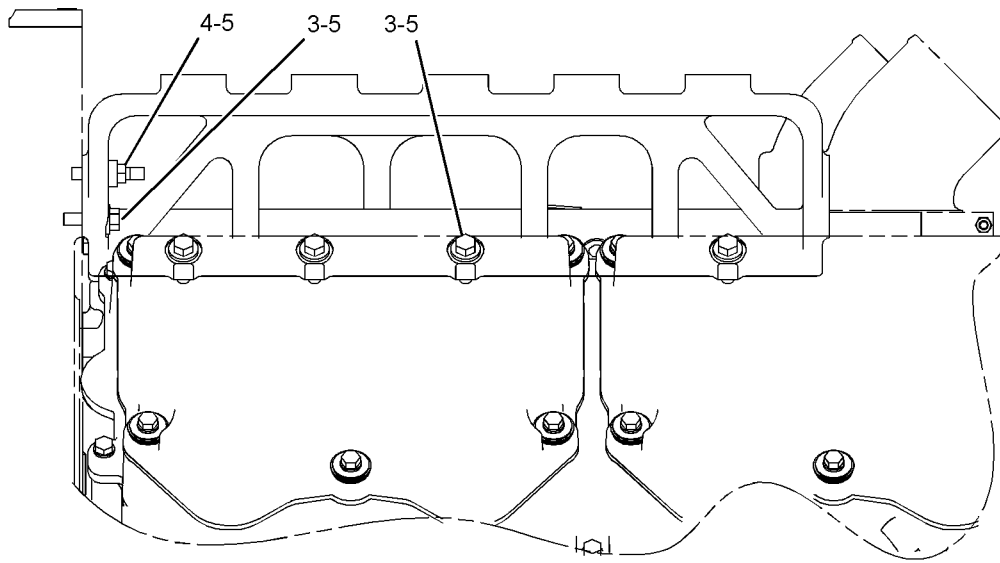
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PART OF 212-2737, 212-2744, 271-2220 ENGINE AR-COMPLETE
ALSO AN ATTACHMENT

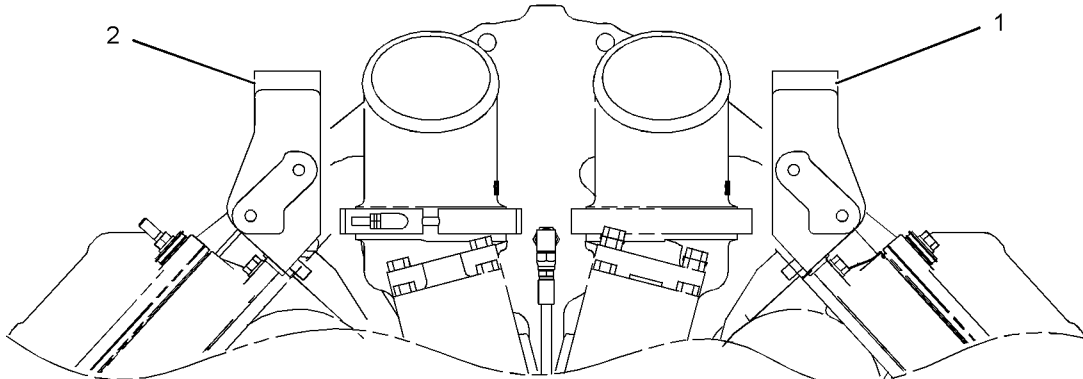
SMCS-1063

i02378770

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



RIGHT SIDE VIEW



FRONT VIEW
<END>

GRAPHIC #1

g01125910

AIR INLET AND EXHAUST SYSTEM

234-5913 SUPPORT GP-AFTERCOOLER

S/N: EHX2310-3192

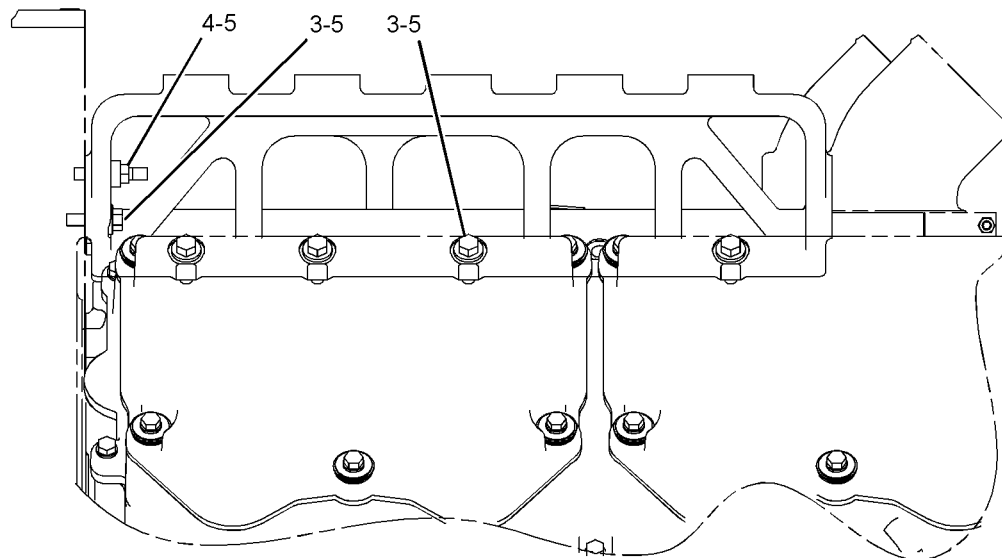
PART OF 212-2737, 212-2744, 271-2219, 271-2220 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1063

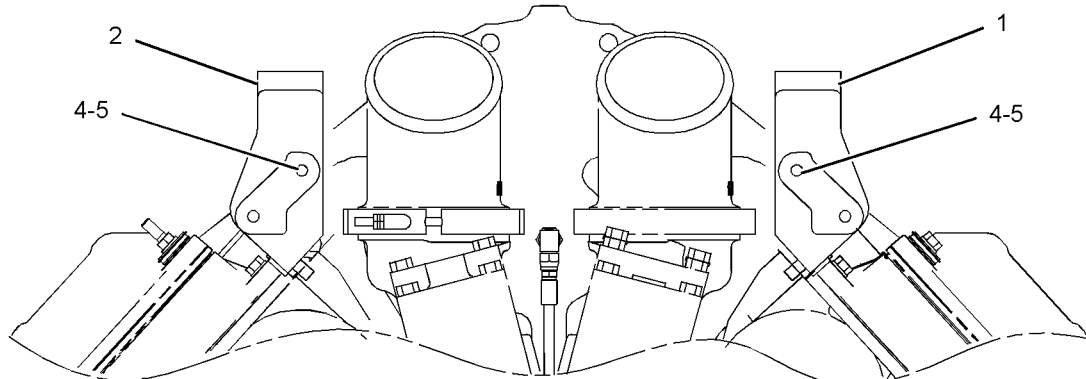
i02390276

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	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	
	5	1	9X-6458	12	WASHER-HARD (10.2X22.5X3-MM THK)	

C-CHANGE FROM PREVIOUS TYPE



RIGHT SIDE VIEW



FRONT VIEW

<END>

GRAPHIC #1

g01208367

AIR INLET AND EXHAUST SYSTEM

300-5905 SUPPORT GP-AFTERCOOLER

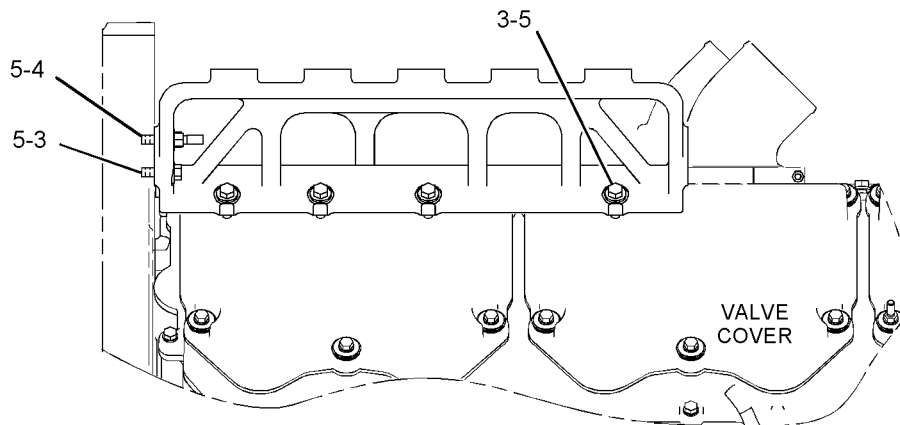
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PART OF 271-2219, 271-2220 ENGINE AR-COMplete
ALSO AN ATTACHMENT

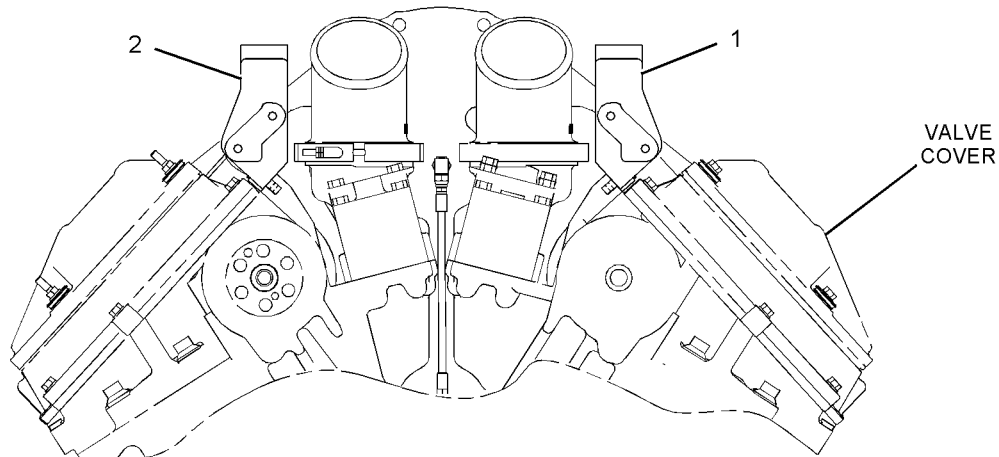
SMCS-1063

i02639043

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	219-6923	1	BRACE						
	2	1	224-3158	1	BRACE						
	3	1	3B-1915	11	BOLT (3/8-16X1.375-IN)						
	4	1	7N-1637	1	STUD						
	5	1	9X-6458	12	WASHER-HARD (10.2X22.5X3-MM THK)						



RIGHT SIDE VIEW OF ENGINE



FRONT VIEW OF ENGINE

<END>

GRAPHIC #1

g01326593

AIR INLET AND EXHAUST SYSTEM

300-5905 SUPPORT GP-AFTERCOOLER

S/N: EHX3157-3690

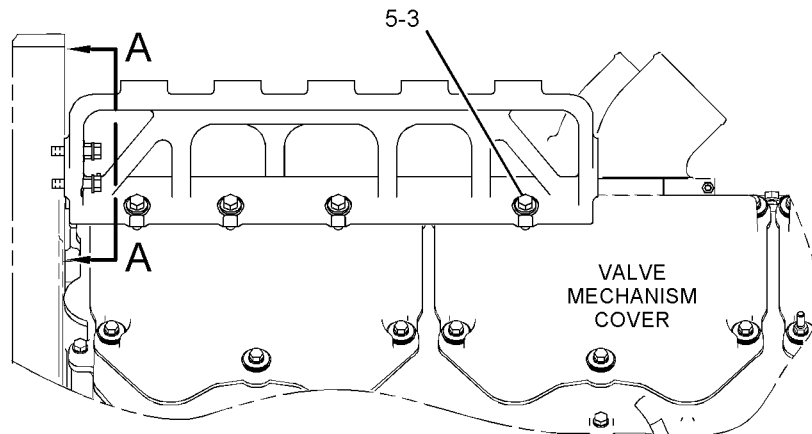
PART OF 271-2219, 271-2220 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1063

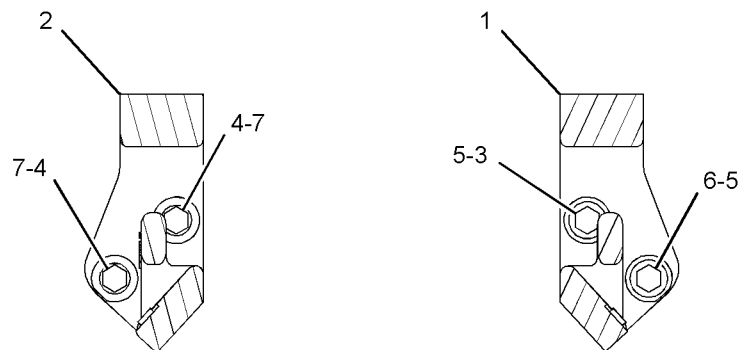
i02739193

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	219-6923	1	BRACE	
	2	1	224-3158	1	BRACE	
C	3	1	3B-1915	9	BOLT (3/8-16X1.375-IN)	
C	4	1	0S-1571	2	BOLT (3/8-16X1.75-IN)	
C	5	1	9X-6458	10	WASHER-HARD (10.2X22.5X3-MM THK)	
C	6	1	0S-1590	1	BOLT (3/8-16X2-IN)	
C	7	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)	

C-CHANGE FROM PREVIOUS TYPE



RIGHT SIDE VIEW OF ENGINE



SECTION A-A

GRAPHIC #1

<END>

g01388490

AIR INLET AND EXHAUST SYSTEM

307-9388 SUPPORT GP-AFTERCOOLER

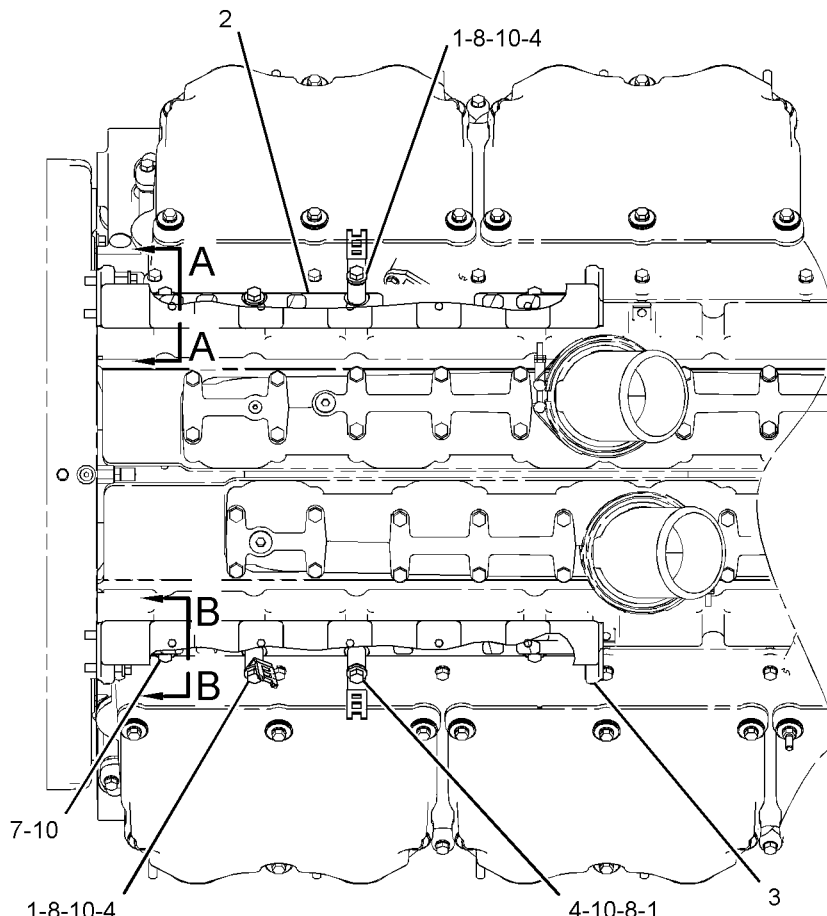
S/N: EHX3691-UP

PART OF 271-2219, 271-2220 ENGINE AR-COMPLETE
ALSO AN ATTACHMENT

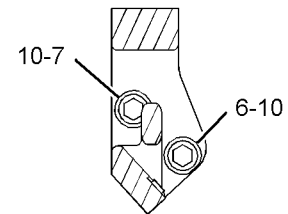
SMCS-1063

i03095700

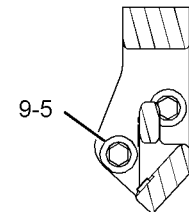
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	9G-7101	3	SPACER (10.5X20X30-MM THK)	
	2	1	219-6923	1	BRACE	
	3	1	224-3158	1	BRACE	
	4	1	0L-1143	3	BOLT (3/8-16X2.5-IN)	
	5	1	0S-1571	2	BOLT (3/8-16X1.75-IN)	
	6	1	0S-1590	1	BOLT (3/8-16X2-IN)	
	7	1	3B-1915	6	BOLT (3/8-16X1.375-IN)	
	8	1	4P-8134	3	CLIP (LADDER)	
	9	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	10	1	9X-6458	10	WASHER-HARD (10.2X22.5X3-MM THK)	



TOP VIEW OF ENGINE



SECTION A-A



SECTION B-B

GRAPHIC #1

<END>

g01576934

AIR INLET AND EXHAUST SYSTEM

217-6570 TURBOCHARGER GP

S/N: EHX1-2381

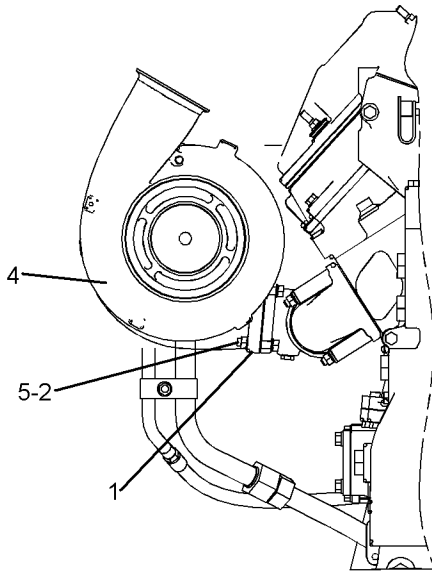
PART OF 260-9527, 261-1507 ENGINE AR-CORE
ALSO AN ATTACHMENT

SMCS-1052, 1053

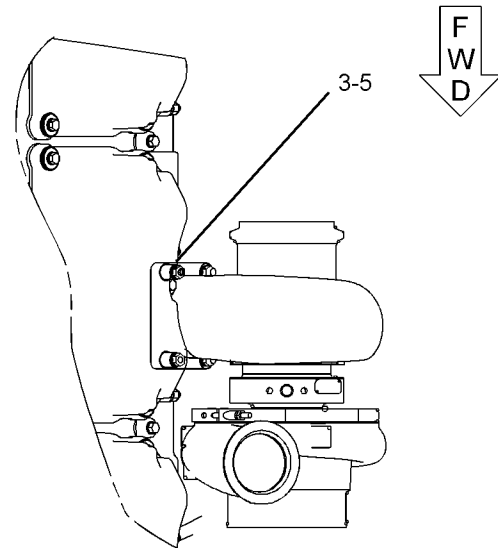
i02044300

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1S-4295	2	GASKET						
	2	1	2N-2765	6	BOLT-HIGH TEMPERATURE (3/8-16X1.75-IN)						
	3	1	114-9223	2	SPACER (11.13X19.05X19-MM THK)						
Y	4	1	234-1524	2	TURBOCHARGER GP						231
	5	1	2N-2766	8	LOCKNUT (3/8-16-THD)						

Y-SEPARATE ILLUSTRATION



FRONT VIEW



TOP VIEW

GRAPHIC #1

<END>

g01052314

AIR INLET AND EXHAUST SYSTEM

217-6570 TURBOCHARGER GP

S/N: EHX2382-UP

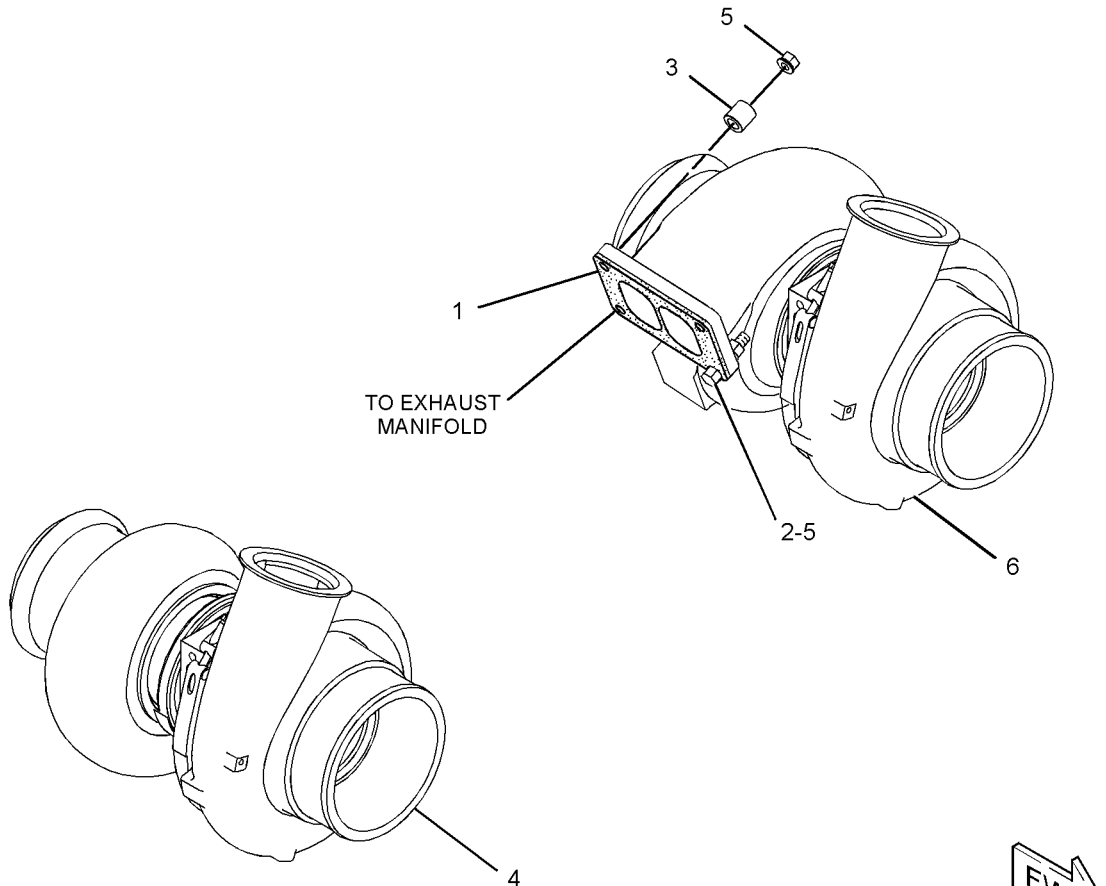
PART OF 260-9527, 261-1507, 276-9586, 276-9587 ENGINE AR-CORE
ALSO AN ATTACHMENT

SMCS-1052, 1053

i02680528

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	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	234-1524	1	TURBOCHARGER GP						231
	5	1	2N-2766	8	LOCKNUT (3/8-16-THD)						
CYR	6	1	268-3295	1	TURBOCHARGER GP						233

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



GRAPHIC #1

<END>

g01224162

AIR INLET AND EXHAUST SYSTEM

234-1524 TURBOCHARGER GP*R

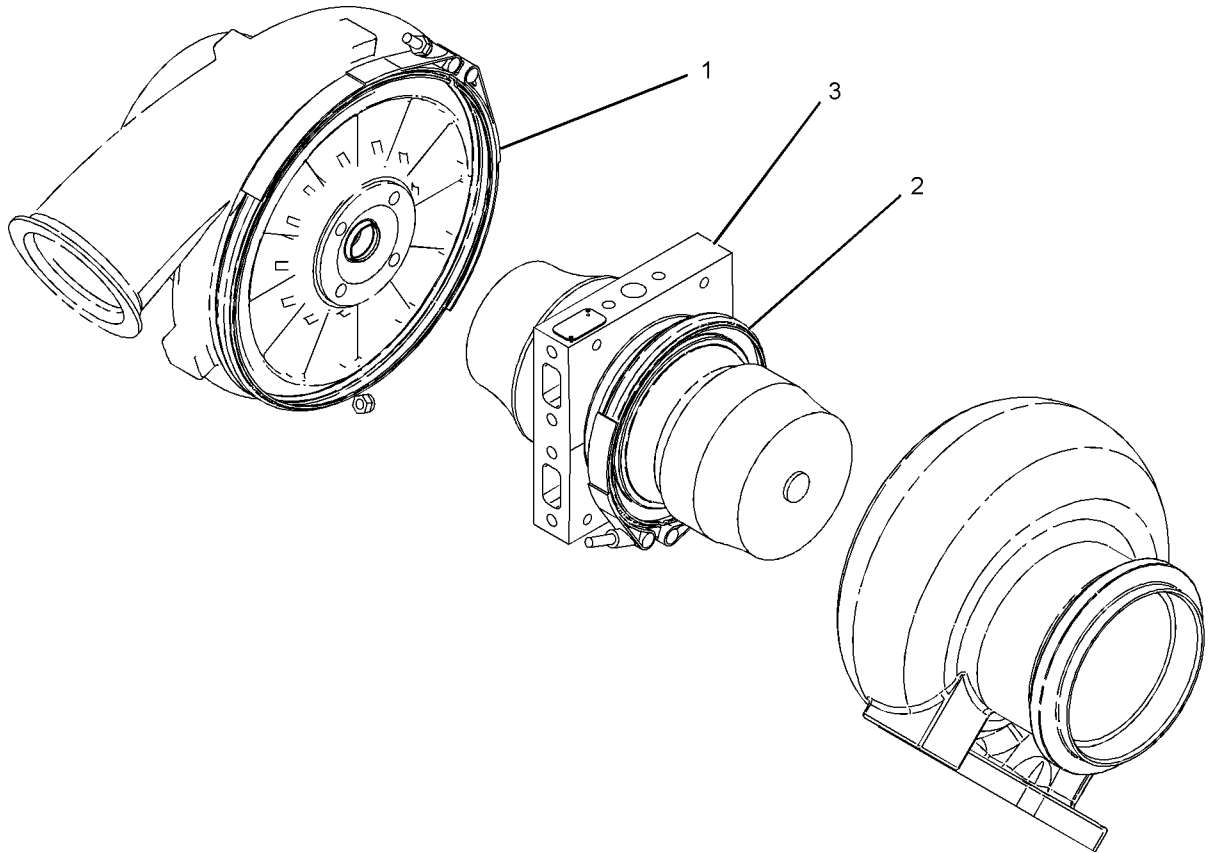
S/N: EHX1-2406

PART OF 217-6570 TURBOCHARGER GP
FIELD REPLACEMENT FOR 268-3295—PAGE 233
ALSO AN ATTACHMENT

SMCS-1052, 1053

i02049707

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7W-2297	1	CLAMP AS (COMPRESSOR)						
	2	1	9N-2038	1	CLAMP AS-TURBINE						
	3	1	245-0767	1	CARTRIDGE GP-TURBOCHARGER						



GRAPHIC #1

<END>

g01052883

AIR INLET AND EXHAUST SYSTEM

234-1524 TURBOCHARGER GP*R

S/N: EHX2407-UP

PART OF 217-6570 TURBOCHARGER GP

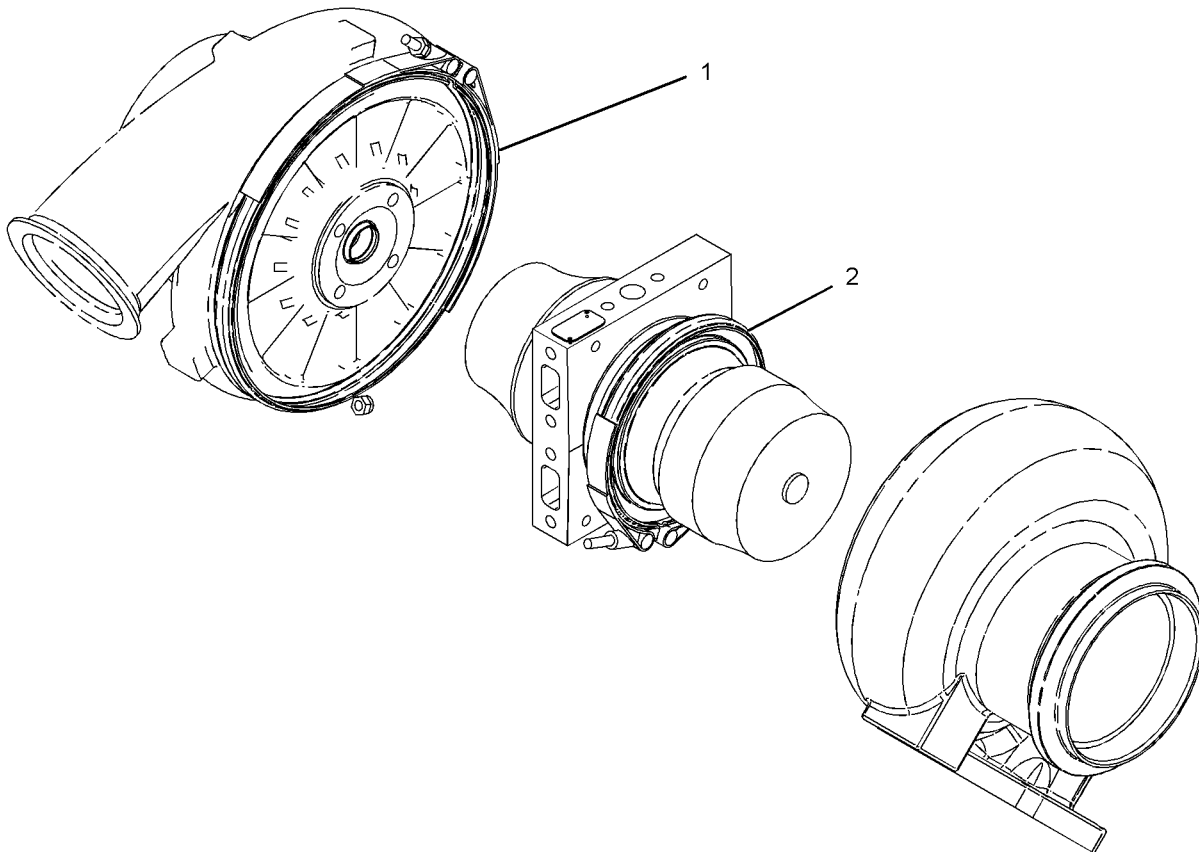
FIELD REPLACEMENT FOR 268-3295—PAGE 233

ALSO AN ATTACHMENT

SMCS-1052, 1053

i02539847

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7W-2297	1	CLAMP AS (COMPRESSOR)						
	2	1	9N-2038	1	CLAMP AS-TURBINE						



GRAPHIC #1

<END>

g01319087

AIR INLET AND EXHAUST SYSTEM

268-3295 TURBOCHARGER GP*R

S/N: EHX2382-UP

WATER COOLED

PART OF 217-6570 TURBOCHARGER GP

FIELD REPLACEMENT ORDER 234-1524—PAGE 231

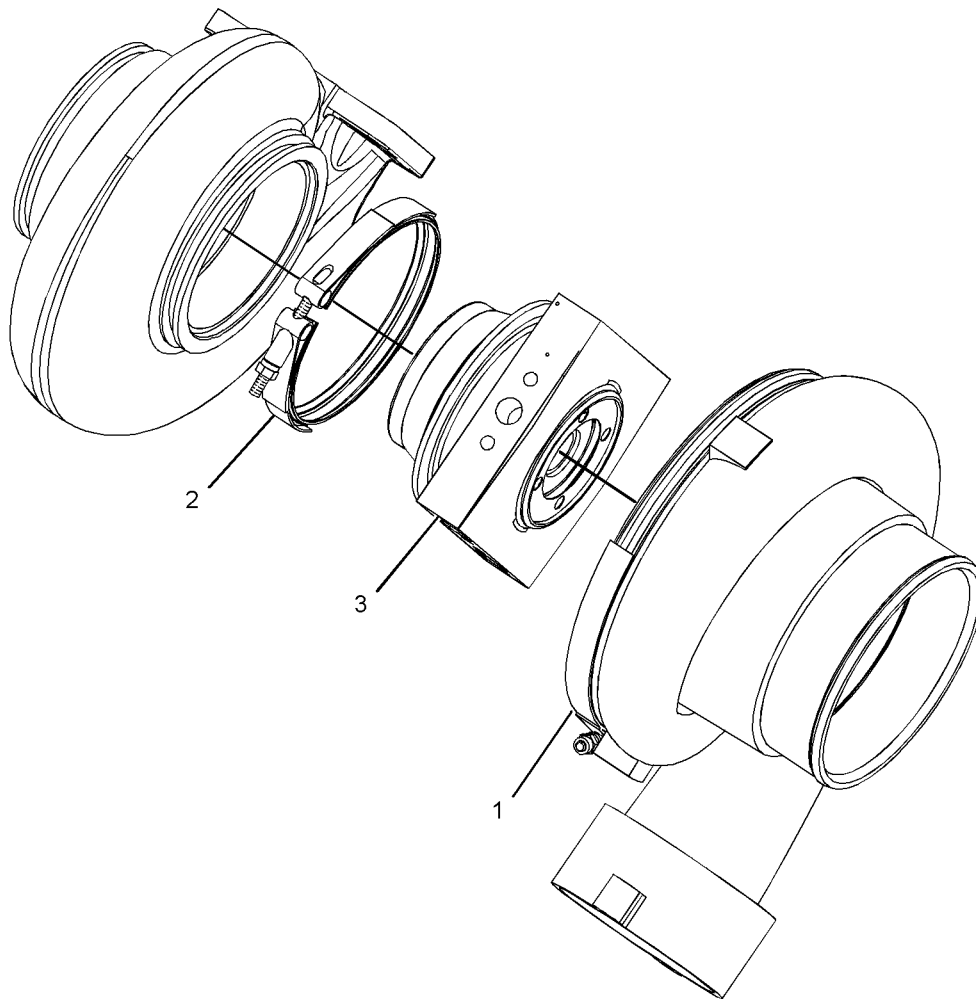
ALSO AN ATTACHMENT

TYPE 1

SMCS-1052, 1053

i02423025

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7W-2297	1	CLAMP AS (COMPRESSOR)						
	2	1	9N-2038	1	CLAMP AS-TURBINE						
	3	1	245-0767	1	CARTRIDGE GP-TURBOCHARGER						



GRAPHIC #1

<END>

g01224764

AIR INLET AND EXHAUST SYSTEM

268-3295 TURBOCHARGER GP*R

S/N: EHX2382-UP

WATER COOLED

PART OF 217-6570 TURBOCHARGER GP

FIELD REPLACEMENT ORDER 234-1524—PAGE 231

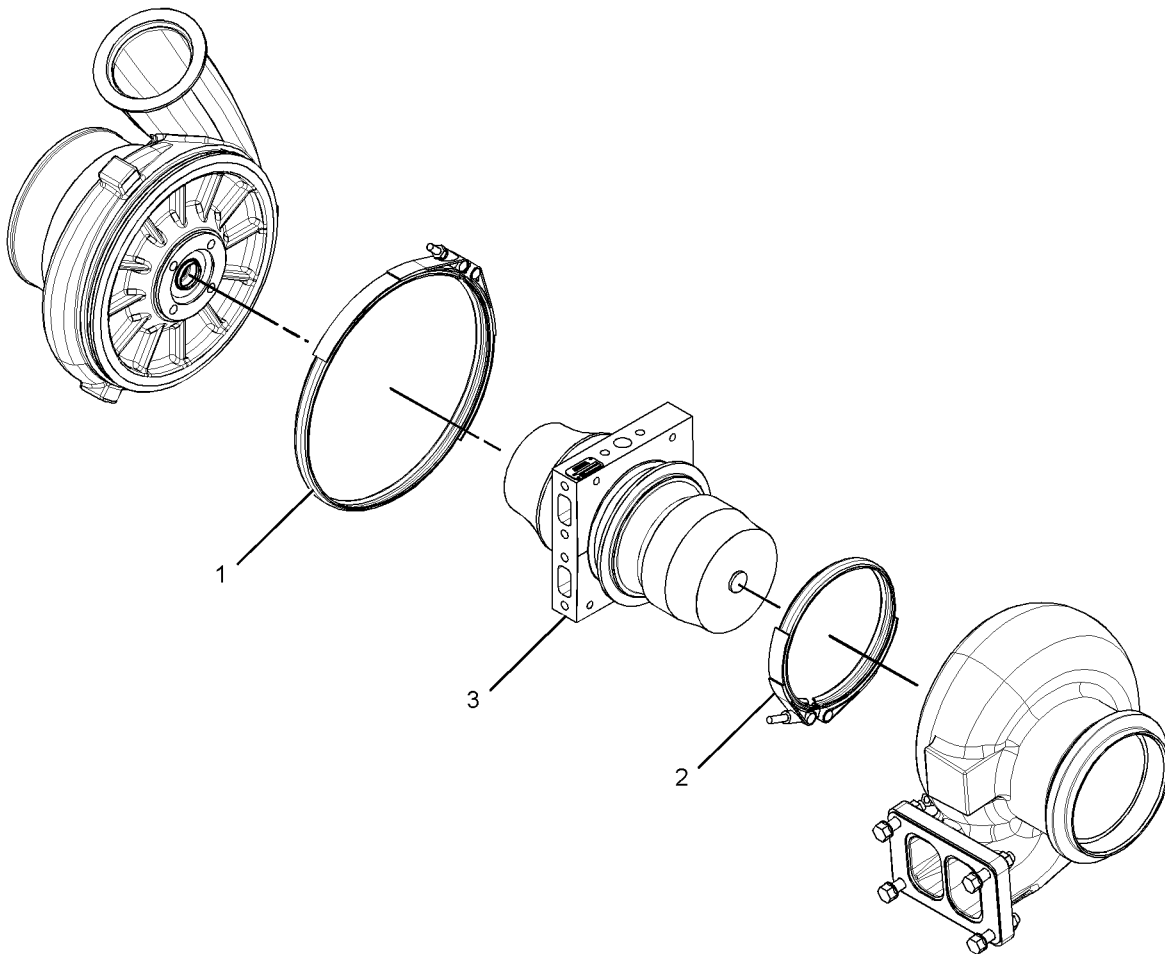
ALSO AN ATTACHMENT

TYPE 2

SMCS-1052, 1053

i02555132

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7W-2297	1	CLAMP AS (COMPRESSOR)						
		1	7M-9918	1	LOCKNUT (1/4-28-THD)						
	2	1	9N-2038	1	CLAMP AS-TURBINE						
		1	7M-9918	1	LOCKNUT (1/4-28-THD)						
C	3	1	268-0183	1	CARTRIDGE GP-TURBOCHARGER						
C-CHANGE FROM PREVIOUS TYPE											



GRAPHIC #1

<END>

g01318590

FUEL SYSTEM

222-1449 ADAPTER GP-FAST FILL FUEL

S/N: RJG1-1387
FOR USE WITH RIPPER
AN ATTACHMENT

SMCS-1273, 1710

i02779591

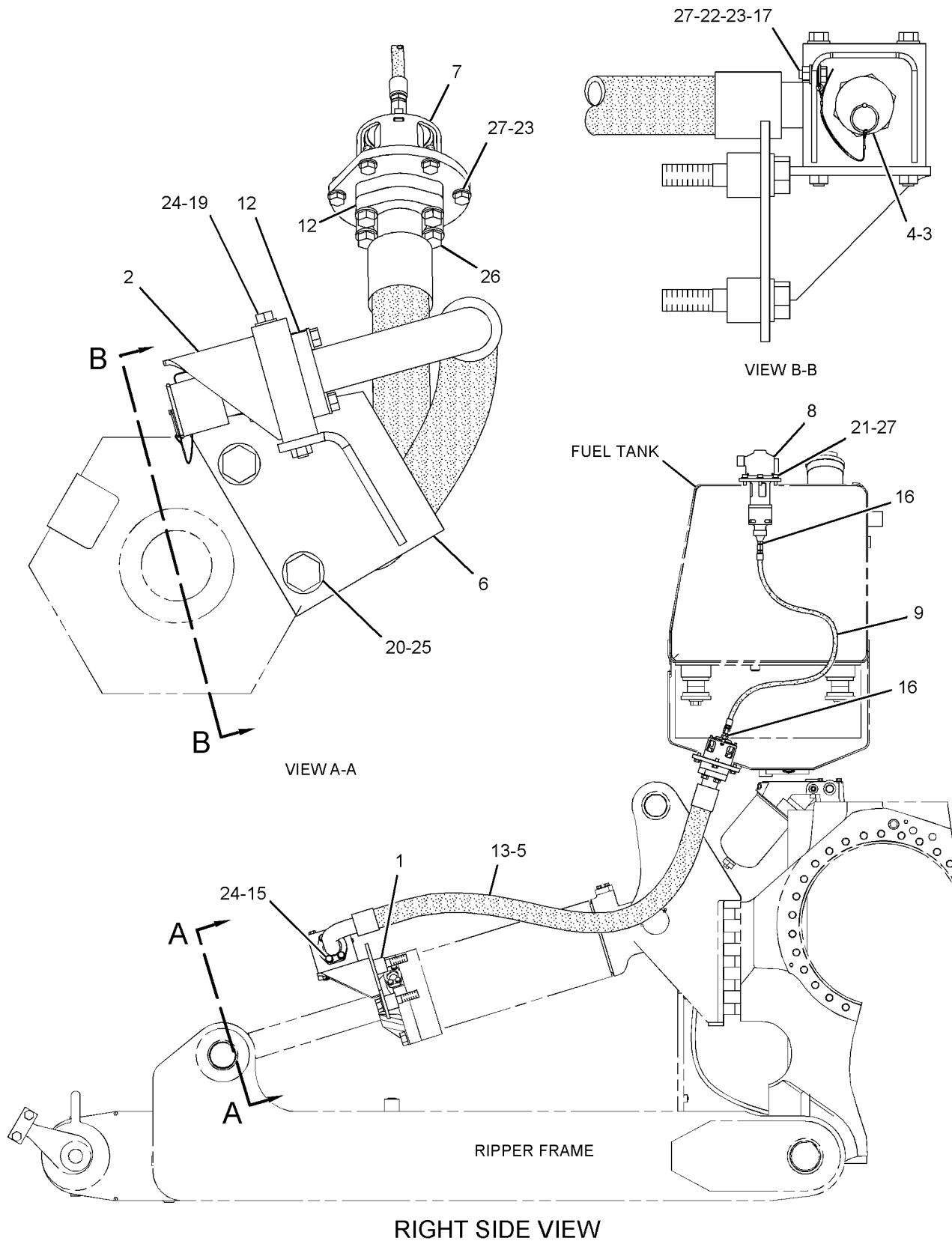
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4J-8820	2	SPACER (1.25X2X1.5-IN THK)						
	2	1	6Y-0091	1	BLOCK AS						
	3	1	9D-0630	1	CAP-DUST						
	4	1	124-2463	1	ADAPTER-FAST FILL FUEL						
I	5	1	127-4978	1	HOSE AS						
	6	1	142-0406	1	BRACKET AS						
	7	1	163-5455	1	VALVE AS-SHUTOFF (FAST FILL FUEL)						
	8	1	188-5095	1	VENT AS						
	9	1	174-0050	1	HOSE AS						
	10	1	1H-8128	1	SEAL-O-RING						
	11	1	1J-9671	2	SEAL-O-RING						
	12	1	1P-4582	4	FLANGE-HALF						
	13	1	4J-0527	2	SEAL-O-RING						
	14	1	5H-6734	1	SEAL-O-RING						
	15	1	5P-2566	4	BOLT (1/2-13X1.5-IN)						
	16	1	5P-2618	2	CONNECTOR						
	17	1	6V-2686	1	CLIP						
	19	1	7X-0340	2	BOLT (1/2-13X6.5-IN)						
	20	1	8C-8844	2	BOLT (1-8X5-IN)						
M	21	1	105-3484	6	BOLT-SOCKET HEAD (M10X1.5X25-MM)						
M	22	1	8T-4133	1	NUT (M10X1.5-THD)						
M	23	1	8T-4136	7	BOLT (M10X1.5X25-MM)						
	24	1	8T-4223	10	WASHER-HARD (13.5X25.5X3-MM THK)						
	25	1	8T-5361	2	WASHER-HARD (28X49X5-MM THK)						
	26	1	8T-8919	4	BOLT (1/2-13X1.75-IN)						
	27	1	8T-4121	14	WASHER-HARD (11X21X2.5-MM THK)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART

FUEL SYSTEM

222-1449 ADAPTER GP-FAST FILL FUEL (contd.)

i02779591



GRAPHIC #1

<END>

g01389639

FUEL SYSTEM

222-1449 ADAPTER GP-FAST FILL FUEL

S/N: RJG1388-UP
FOR USE WITH RIPPER
AN ATTACHMENT

SMCS-1273, 1710

i03031700

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4J-8820	2	SPACER (1.25X2X1.5-IN THK)						
	2	1	6Y-0091	1	BLOCK AS						
	3	1	9D-0630	1	CAP-DUST						
	4	1	124-2463	1	ADAPTER-FAST FILL FUEL						
I	5	1	127-4978	1	HOSE AS						
	6	1	142-0406	1	BRACKET AS						
C	7	1	252-5806	1	VALVE AS-SHUTOFF (FAST FILL FUEL)						
C	8	1	252-5805	1	VENT AS						
	9	1	174-0050	1	HOSE AS						
C	10	1	3E-6773	1	SEAL-O-RING						
	11	1	1J-9671	2	SEAL-O-RING						
	12	1	1P-4582	4	FLANGE-HALF						
	13	1	4J-0527	2	SEAL-O-RING						
C	14	1	9X-7287	1	SEAL-O-RING						
	15	1	5P-2566	4	BOLT (1/2-13X1.5-IN)						
	16	1	5P-2618	2	CONNECTOR						
	17	1	6V-2686	1	CLIP						
	19	1	7X-0340	2	BOLT (1/2-13X6.5-IN)						
	20	1	8C-8844	2	BOLT (1-8X5-IN)						
M	21	1	105-3484	6	BOLT-SOCKET HEAD (M10X1.5X25-MM)						
M	22	1	8T-4133	1	NUT (M10X1.5-THD)						
M	23	1	8T-4136	7	BOLT (M10X1.5X25-MM)						
	24	1	8T-4223	10	WASHER-HARD (13.5X25.5X3-MM THK)						
	25	1	8T-5361	2	WASHER-HARD (28X49X5-MM THK)						
CM	26	1	8T-4184	4	BOLT (M12X1.75X45-MM)						
	27	1	8T-4121	14	WASHER-HARD (11X21X2.5-MM THK)						

C-CHANGE FROM PREVIOUS TYPE

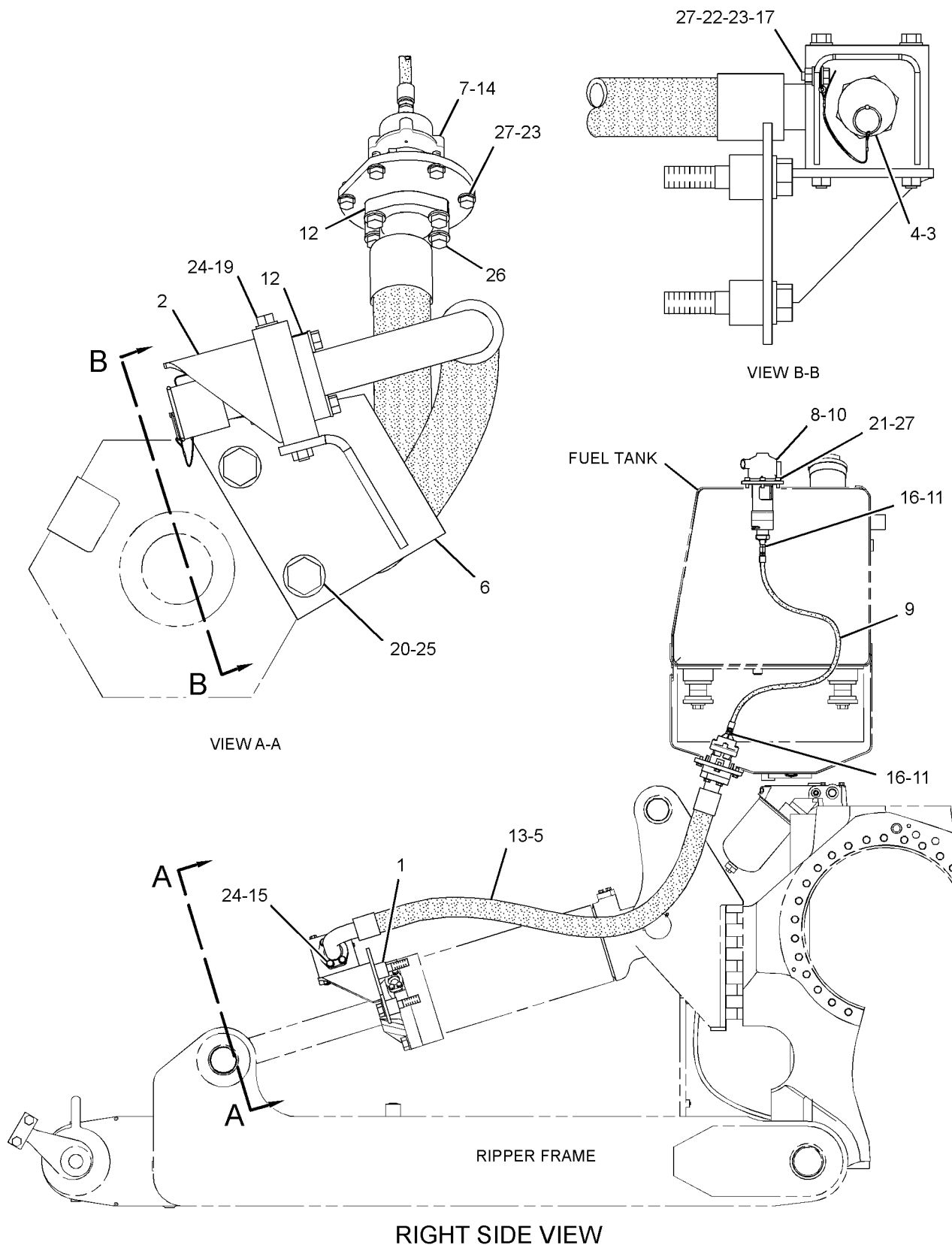
I-REFER TO HYDRAULIC INFORMATION SYSTEM

M-METRIC PART

FUEL SYSTEM

222-1449 ADAPTER GP-FAST FILL FUEL (contd.)

i03031700



GRAPHIC #1

<END>

g01563318

FUEL SYSTEM

226-3768 ADAPTER GP-FAST FILL FUEL- WITH COUNTERWEIGHT

S/N: RJG1-1038

CANNOT BE USED WITH TRACTORS EQUIPPED WITH A RIPPER OR WINCH
AN ATTACHMENT

SMCS-1273, 1710

i02680586

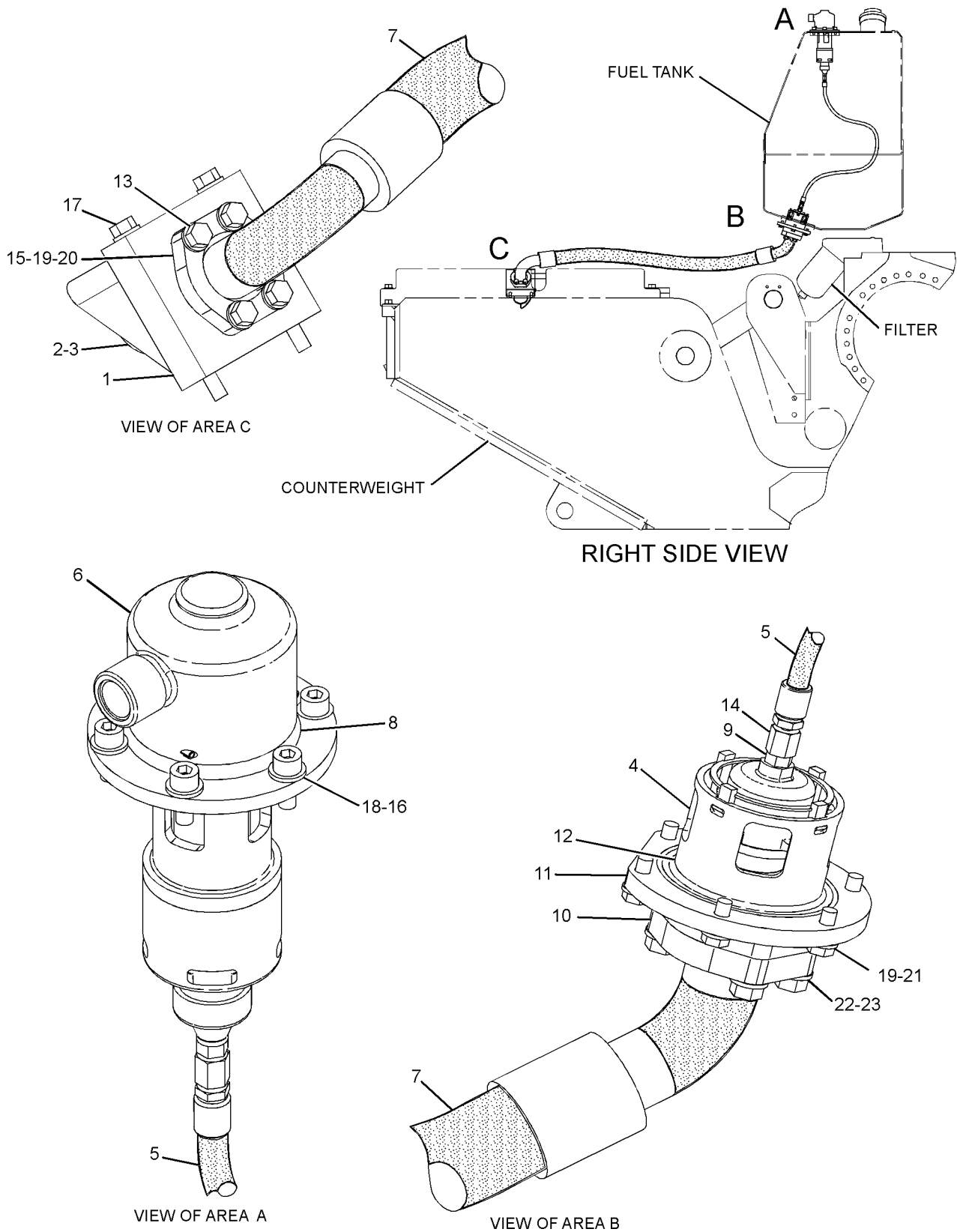
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6Y-0091	1	BLOCK AS						
	2	1	9D-0630	1	CAP-DUST						
	3	1	124-2463	1	ADAPTER-FAST FILL FUEL						
	4	1	163-5455	1	VALVE AS-SHUTOFF (FAST FILL FUEL)						
	5	1	174-0050	1	HOSE AS						
	6	1	188-5095	1	VENT AS						
I	7	1	257-3469	1	HOSE AS						
	8	1	1H-8128	1	SEAL-O-RING						
	9	1	1J-9671	2	SEAL-O-RING						
	10	1	1P-4582	4	FLANGE-HALF						
	11	1	4J-0527	2	SEAL-O-RING						
	12	1	5H-6734	1	SEAL-O-RING						
	13	1	5P-2566	4	BOLT (1/2-13X1.5-IN)						
	14	1	5P-2618	2	CONNECTOR						
	15	1	6V-2686	1	CLIP						
	16	1	6V-5839	6	WASHER (11X21X2.5-MM THK)						
	17	1	7X-0340	2	BOLT (1/2-13X6.5-IN)						
M	18	1	8T-1159	6	BOLT-SOCKET HEAD (M10X1.5X25-MM)						
	19	1	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)						
M	20	1	8T-4133	1	NUT (M10X1.5-THD)						
M	21	1	8T-4136	7	BOLT (M10X1.5X25-MM)						
	22	1	8T-4223	10	WASHER-HARD (13.5X25.5X3-MM THK)						
	23	1	8T-8919	4	BOLT (1/2-13X1.75-IN)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART

FUEL SYSTEM

226-3768 ADAPTER GP-FAST FILL FUEL (contd.)

i02680586



GRAPHIC #1

<END>

g01224038

FUEL SYSTEM

226-3768 ADAPTER GP-FAST FILL FUEL- WITH COUNTERWEIGHT

S/N: RJG1039-1392

CANNOT BE USED WITH TRACTORS EQUIPPED WITH A RIPPER OR WINCH
AN ATTACHMENT

SMCS-1273, 1710

i02724022

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6Y-0091	1	BLOCK AS						
	2	1	9D-0630	1	CAP-DUST						
	3	1	124-2463	1	ADAPTER-FAST FILL FUEL						
	4	1	163-5455	1	VALVE AS-SHUTOFF (FAST FILL FUEL)						
	5	1	174-0050	1	HOSE AS						
	6	1	188-5095	1	VENT AS						
I	7	1	257-3469	1	HOSE AS						
	8	1	1H-8128	1	SEAL-O-RING						
	9	1	1J-9671	2	SEAL-O-RING						
	10	1	1P-4582	4	FLANGE-HALF						
	11	1	4J-0527	2	SEAL-O-RING						
	12	1	5H-6734	1	SEAL-O-RING						
	13	1	5P-2566	4	BOLT (1/2-13X1.5-IN)						
	14	1	5P-2618	2	CONNECTOR						
	15	1	6V-2686	1	CLIP						
C	16	1	8T-4122	1	WASHER-HARD (17X32X3.5-MM THK)						
	17	1	7X-0340	2	BOLT (1/2-13X6.5-IN)						
CM	18	1	105-3484	6	BOLT-SOCKET HEAD (M10X1.5X25-MM)						
C	19	1	8T-4121	14	WASHER-HARD (11X21X2.5-MM THK)						
M	20	1	8T-4133	1	NUT (M10X1.5-THD)						
M	21	1	8T-4136	7	BOLT (M10X1.5X25-MM)						
C	22	1	8T-4223	11	WASHER-HARD (13.5X25.5X3-MM THK)						
	23	1	8T-8919	4	BOLT (1/2-13X1.75-IN)						
C	24	1	6V-1867	1	CLIP (SLOT)						
C	25	1	6V-1868	1	CLIP (TAB)						
C	26	1	6V-1869	1	GROMMET						
CM	27	1	7X-2553	1	BOLT (M16X2X40-MM)						
C	28	1	302-2203	1	BRACKET AS						
CM	29	1	8T-4139	1	BOLT (M12X1.75X30-MM)						

C-CHANGE FROM PREVIOUS TYPE

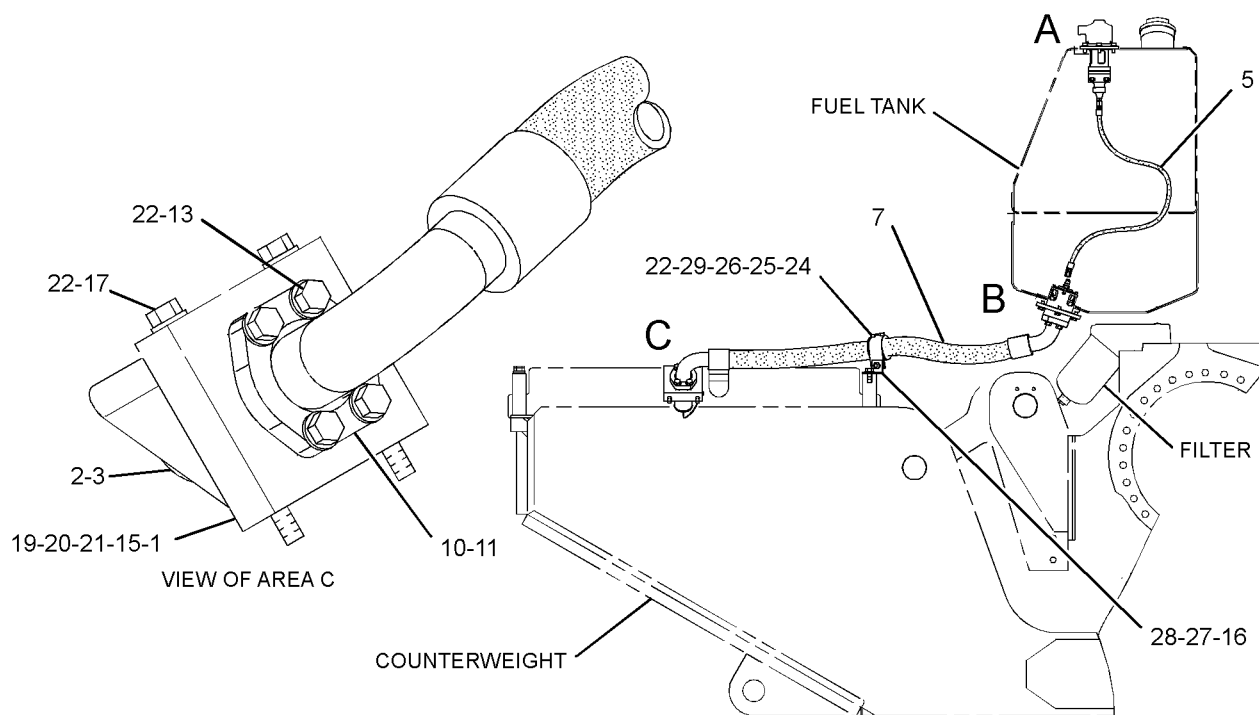
I-REFER TO HYDRAULIC INFORMATION SYSTEM

M-METRIC PART

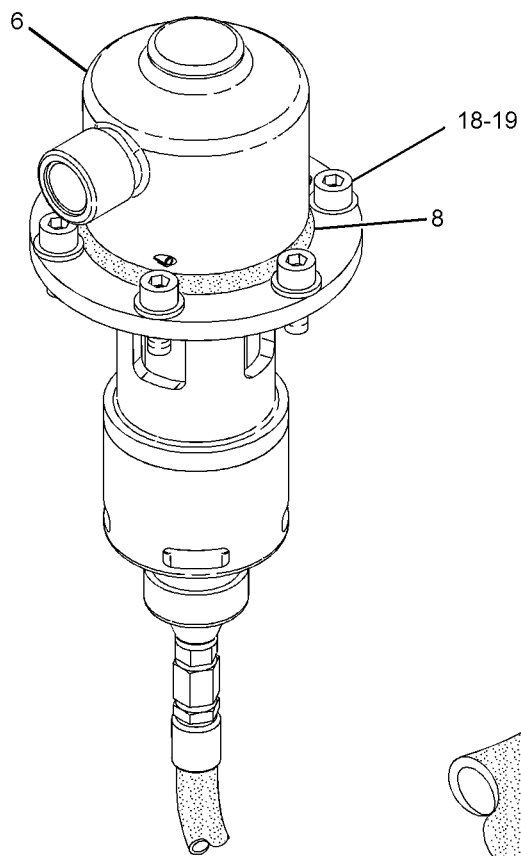
FUEL SYSTEM

226-3768 ADAPTER GP-FAST FILL FUEL (contd.)

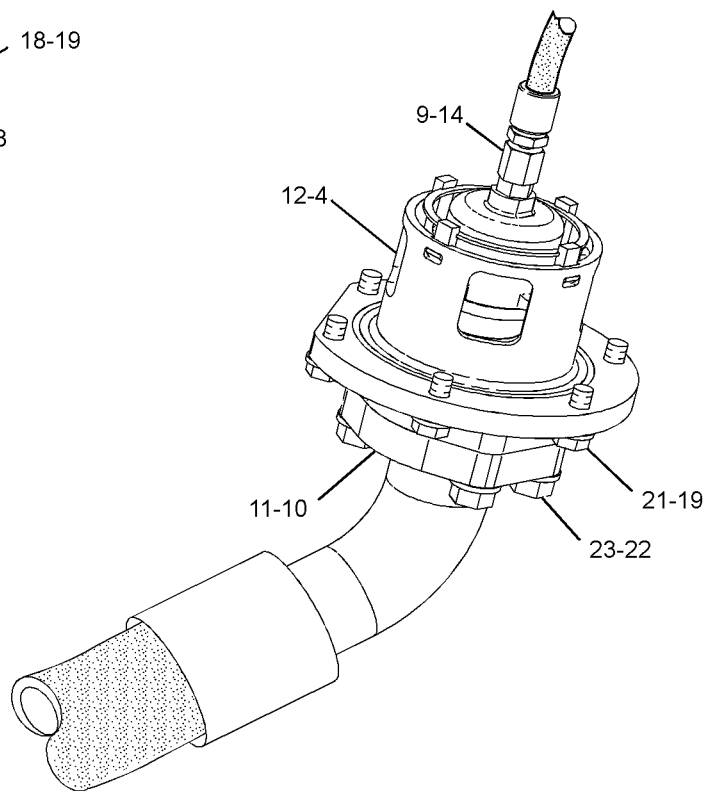
i02724022



RIGHT SIDE VIEW



VIEW OF AREA A



VIEW OF AREA B

GRAPHIC #1

<END>

g01378497

FUEL SYSTEM

226-3768 ADAPTER GP-FAST FILL FUEL- WITH COUNTERWEIGHT

S/N: RJG1393-UP

CANNOT BE USED WITH TRACTORS EQUIPPED WITH A RIPPER OR WINCH
AN ATTACHMENT

SMCS-1273, 1710

i03031720

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6Y-0091	1	BLOCK AS						
	2	1	9D-0630	1	CAP-DUST						
	3	1	124-2463	1	ADAPTER-FAST FILL FUEL						
C	4	1	252-5806	1	VALVE AS-SHUTOFF (FAST FILL FUEL)						
	5	1	174-0050	1	HOSE AS						
C	6	1	252-5805	1	VENT AS						
I	7	1	257-3469	1	HOSE AS						
C	8	1	3E-6773	1	SEAL-O-RING						
	9	1	1J-9671	2	SEAL-O-RING						
	10	1	1P-4582	4	FLANGE-HALF						
	11	1	4J-0527	2	SEAL-O-RING						
C	12	1	9X-7287	1	SEAL-O-RING						
	13	1	5P-2566	4	BOLT (1/2-13X1.5-IN)						
	14	1	5P-2618	2	CONNECTOR						
	15	1	6V-2686	1	CLIP						
	16	1	8T-4122	1	WASHER-HARD (17X32X3.5-MM THK)						
	17	1	7X-0340	2	BOLT (1/2-13X6.5-IN)						
M	18	1	105-3484	6	BOLT-SOCKET HEAD (M10X1.5X25-MM)						
	19	1	8T-4121	14	WASHER-HARD (11X21X2.5-MM THK)						
M	20	1	8T-4133	1	NUT (M10X1.5-THD)						
M	21	1	8T-4136	7	BOLT (M10X1.5X25-MM)						
	22	1	8T-4223	11	WASHER-HARD (13.5X25.5X3-MM THK)						
CM	23	1	8T-4184	4	BOLT (M12X1.75X45-MM)						
	24	1	6V-1867	1	CLIP (SLOT)						
	25	1	6V-1868	1	CLIP (TAB)						
	26	1	6V-1869	1	GROMMET						
M	27	1	7X-2553	1	BOLT (M16X2X40-MM)						
	28	1	302-2203	1	BRACKET AS						
M	29	1	8T-4139	1	BOLT (M12X1.75X30-MM)						

C-CHANGE FROM PREVIOUS TYPE

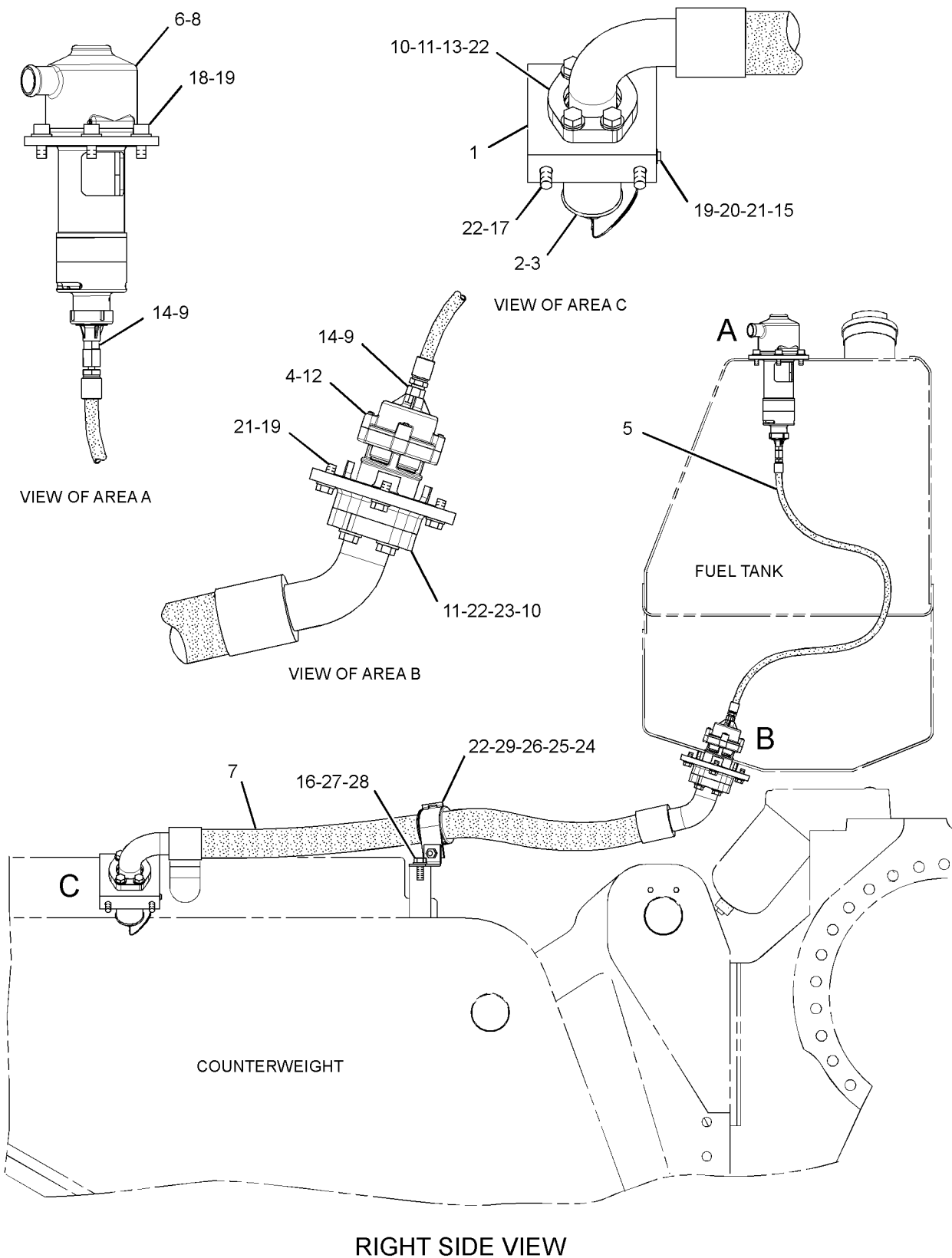
I-REFER TO HYDRAULIC INFORMATION SYSTEM

M-METRIC PART

FUEL SYSTEM

226-3768 ADAPTER GP-FAST FILL FUEL (contd.)

i03031720



GRAPHIC #1

<END>

g01571393

FUEL SYSTEM

256-3087 ADAPTER GP-FAST FILL FUEL-DRAWBAR

S/N: RJG1-UP
AN ATTACHMENT
TYPE 1

SMCS-1273, 1710

i02780477

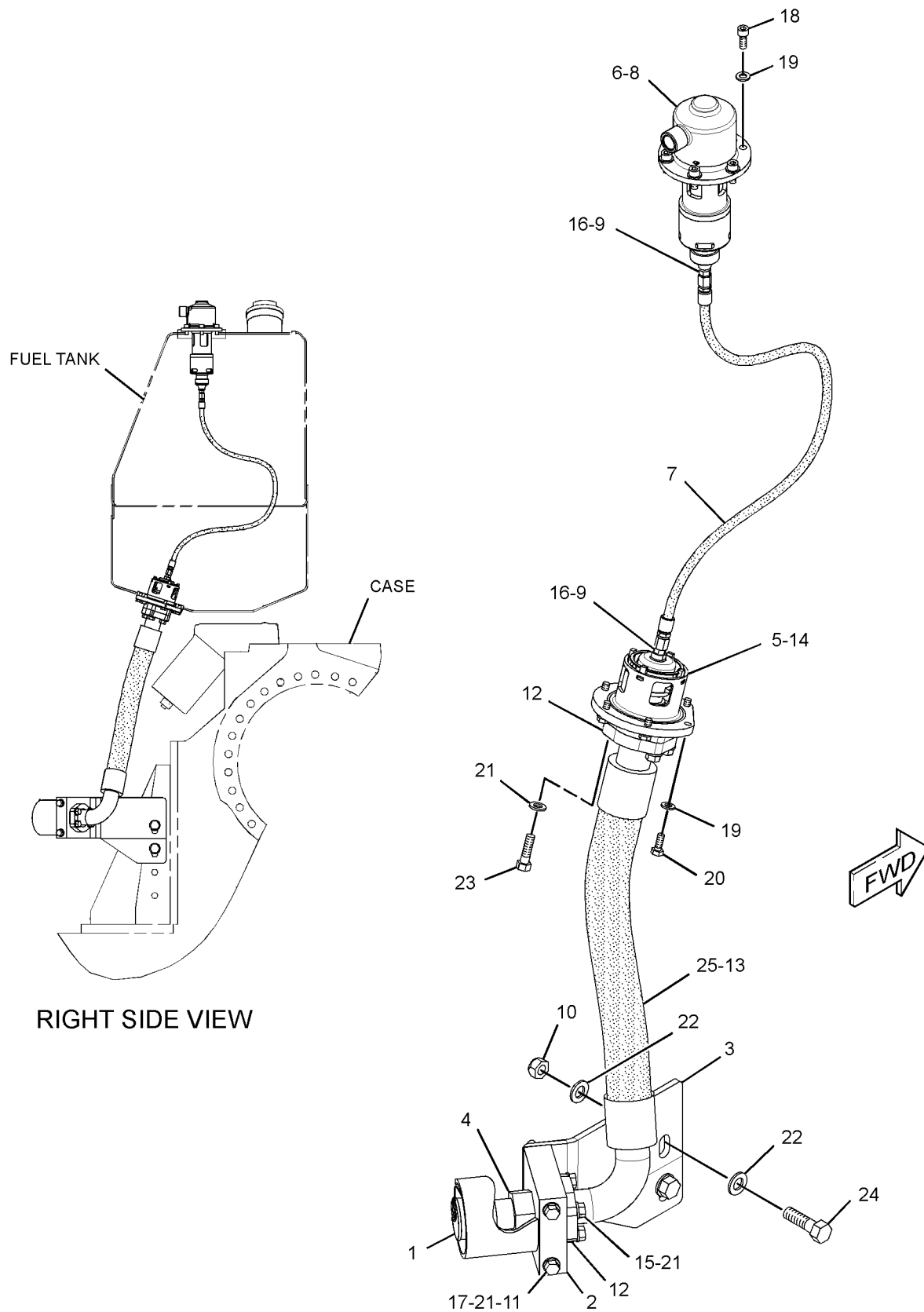
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9D-0630	1	CAP-DUST						
	2	1	9G-0371	1	BLOCK AS						
	3	1	9W-8100	1	PLATE						
	4	1	124-2463	1	ADAPTER-FAST FILL FUEL						
	5	1	163-5455	1	VALVE AS-SHUTOFF (FAST FILL FUEL)						
	6	1	188-5095	1	VENT AS						
	7	1	174-0050	1	HOSE AS						
	8	1	1H-8128	1	SEAL-O-RING						
	9	1	1J-9671	2	SEAL-O-RING						
	10	1	1K-6870	2	LOCKNUT (3/4-10-THD)						
	11	1	1K-6872	2	LOCKNUT (1/2-13-THD)						
	12	1	1P-4582	4	FLANGE-HALF						
	13	1	4J-0527	2	SEAL-O-RING						
	14	1	5H-6734	1	SEAL-O-RING						
	15	1	5P-2566	4	BOLT (1/2-13X1.5-IN)						
	16	1	5P-2618	2	CONNECTOR						
	17	1	7X-0341	2	BOLT (1/2-13X7-IN)						
M	18	1	105-3484	6	BOLT-SOCKET HEAD (M10X1.5X25-MM)						
	19	1	8T-4121	12	WASHER-HARD (11X21X2.5-MM THK)						
M	20	1	8T-4136	6	BOLT (M10X1.5X25-MM)						
	21	1	8T-4223	12	WASHER-HARD (13.5X25.5X3-MM THK)						
	22	1	8T-4994	4	WASHER-HARD (20X36.5X3.5-MM THK)						
	23	1	8T-8919	4	BOLT (1/2-13X1.75-IN)						
	24	1	8T-8924	2	BOLT (3/4-10X2.5-IN)						
I	25	1	9W-9978	1	HOSE AS						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART

FUEL SYSTEM

256-3087 ADAPTER GP-FAST FILL FUEL (contd.)

i02780477



GRAPHIC #1

<END>

g01426692

FUEL SYSTEM

256-3087 ADAPTER GP-FAST FILL FUEL-DRAWBAR

S/N: RJG1-UP
AN ATTACHMENT
TYPE 2

SMCS-1273, 1710

i03031761

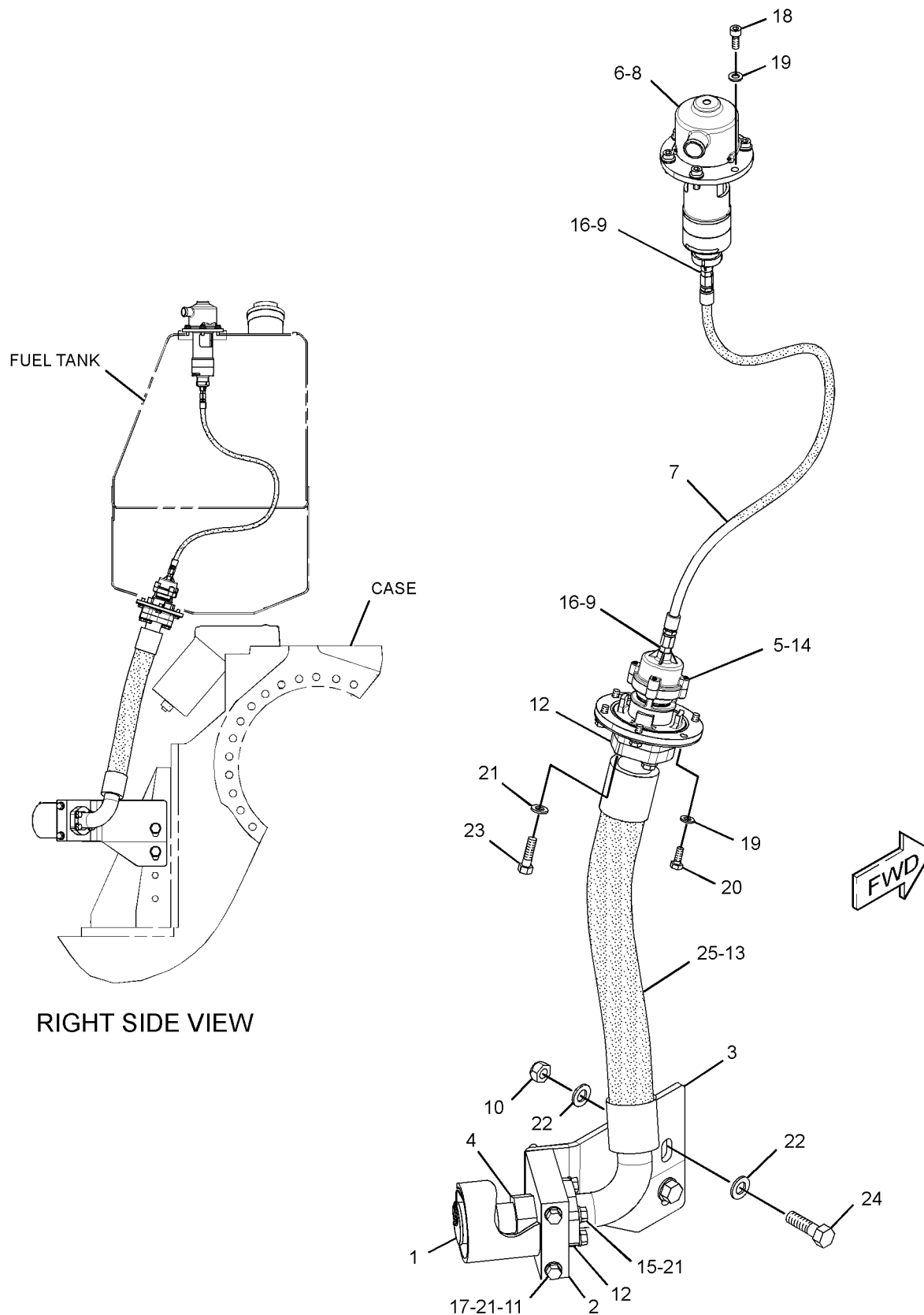
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9D-0630	1	CAP-DUST						
	2	1	9G-0371	1	BLOCK AS						
	3	1	9W-8100	1	PLATE						
	4	1	124-2463	1	ADAPTER-FAST FILL FUEL						
C	5	1	252-5806	1	VALVE AS-SHUTOFF (FAST FILL FUEL)						
C	6	1	252-5805	1	VENT AS						
	7	1	174-0050	1	HOSE AS						
C	8	1	3E-6773	1	SEAL-O-RING						
	9	1	1J-9671	2	SEAL-O-RING						
	10	1	1K-6870	2	LOCKNUT (3/4-10-THD)						
	11	1	1K-6872	2	LOCKNUT (1/2-13-THD)						
	12	1	1P-4582	4	FLANGE-HALF						
	13	1	4J-0527	2	SEAL-O-RING						
C	14	1	9X-7287	1	SEAL-O-RING						
	15	1	5P-2566	4	BOLT (1/2-13X1.5-IN)						
	16	1	5P-2618	2	CONNECTOR						
	17	1	7X-0341	2	BOLT (1/2-13X7-IN)						
M	18	1	105-3484	6	BOLT-SOCKET HEAD (M10X1.5X25-MM)						
	19	1	8T-4121	12	WASHER-HARD (11X21X2.5-MM THK)						
M	20	1	8T-4136	6	BOLT (M10X1.5X25-MM)						
	21	1	8T-4223	12	WASHER-HARD (13.5X25.5X3-MM THK)						
	22	1	8T-4994	4	WASHER-HARD (20X36.5X3.5-MM THK)						
CM	23	1	8T-4184	4	BOLT (M12X1.75X45-MM)						
	24	1	8T-8924	2	BOLT (3/4-10X2.5-IN)						
I	25	1	9W-9978	1	HOSE AS						

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

FUEL SYSTEM

256-3087 ADAPTER GP-FAST FILL FUEL (contd.)

i03031761



RIGHT SIDE VIEW

<END>

GRAPHIC #1

g01563298

FUEL SYSTEM

213-0047 FILTER & LINES GP-FUEL

S/N: RJG1-893

PART OF 212-2741 CHASSIS AR

SMCS-1261, 1274

i02789914

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1W-8793	1	SPACER (13.8X30X20-MM THK)						
	2	1	246-2641	1	PADLOCK GP						
		1	5P-8500	1	KEY						
	3	1	6V-8358	1	VALVE-BALL (FUEL SHUTOFF)						
	4	1	8T-6639	1	VALVE-BALL (FUEL DRAIN)						
	5	1	8T-9655	6	MOUNT-ISOLATION						
	6	1	9W-1599	1	VALVE-CHECK (FUEL FILTER, WATER SEPARATOR)						
	7	1	034-3679	1	FITTING						
	8	1	103-0010	1	BRACKET AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	9	1	124-3019	1	BRACKET AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	10	1	136-9699	1	BRACKET AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	11	1	153-6240	1	TEE AS						
		1	8C-7514	1	TEE						
		1	2M-9780	1	SEAL-O-RING						
		1	6V-8398	1	SEAL-O-RING						
Y	12	1	165-5970	1	SWITCH GP-TOGGLE (FUEL PRIMING PUMP ON, OFF)						501
	13	1	167-1795	1	ELBOW AS						
		1	8T-3491	1	ELBOW						
		1	3D-2824	1	SEAL-O-RING						
	14	1	191-1782	1	SPACER (8.5X12.7X38.2-MM THK)						
	15	1	191-1783	2	SPACER (8.5X12.7X87.3-MM THK)						
Y	16	1	217-8342	1	PUMP GP-FUEL PRM & SEC FILTER						291
I	17	1	222-2185	1	HOSE AS						
I	18	1	222-2186	1	HOSE AS						
I	19	1	222-2187	1	HOSE AS						
	20	1	226-3492	1	BRACKET AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	21	1	230-7515	1	PLATE						
M	22	1	133-7810	1	STUD-TAPERLOCK (M10X1.5X45-MM)						
	23	1	148-8346	1	ELBOW AS						
		1	8T-1686	1	ELBOW						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8398	1	SEAL-O-RING						
	24	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						
	25	1	148-8382	1	ELBOW AS						
		1	8T-0404	1	ELBOW						
		1	3D-2824	1	SEAL-O-RING						
		1	7J-9108	1	SEAL-O-RING						
	26	1	148-8390	1	ELBOW AS						
		1	6V-8626	1	ELBOW						
		1	2M-9780	1	SEAL-O-RING						
		1	7J-9108	1	SEAL-O-RING						
	27	1	1P-4278	1	CLAMP-HOSE						
	28	1	1S-0996	1	CLIP						
	29	1	2M-9780	3	SEAL-O-RING						
	30	1	3D-2824	1	SEAL-O-RING						
	31	1	3K-0360	2	SEAL-O-RING						
	32	1	5P-1075	2	WASHER-HARD (10.2X22.5X3-MM THK)						
	33	1	5P-1076	1	WASHER-HARD (13.5X30X4-MM THK)						
	34	1	5S-7382	1	BOLT (3/8-16X1.375-IN)						

FUEL SYSTEM

213-0047 FILTER & LINES GP-FUEL (contd.)

i02789914

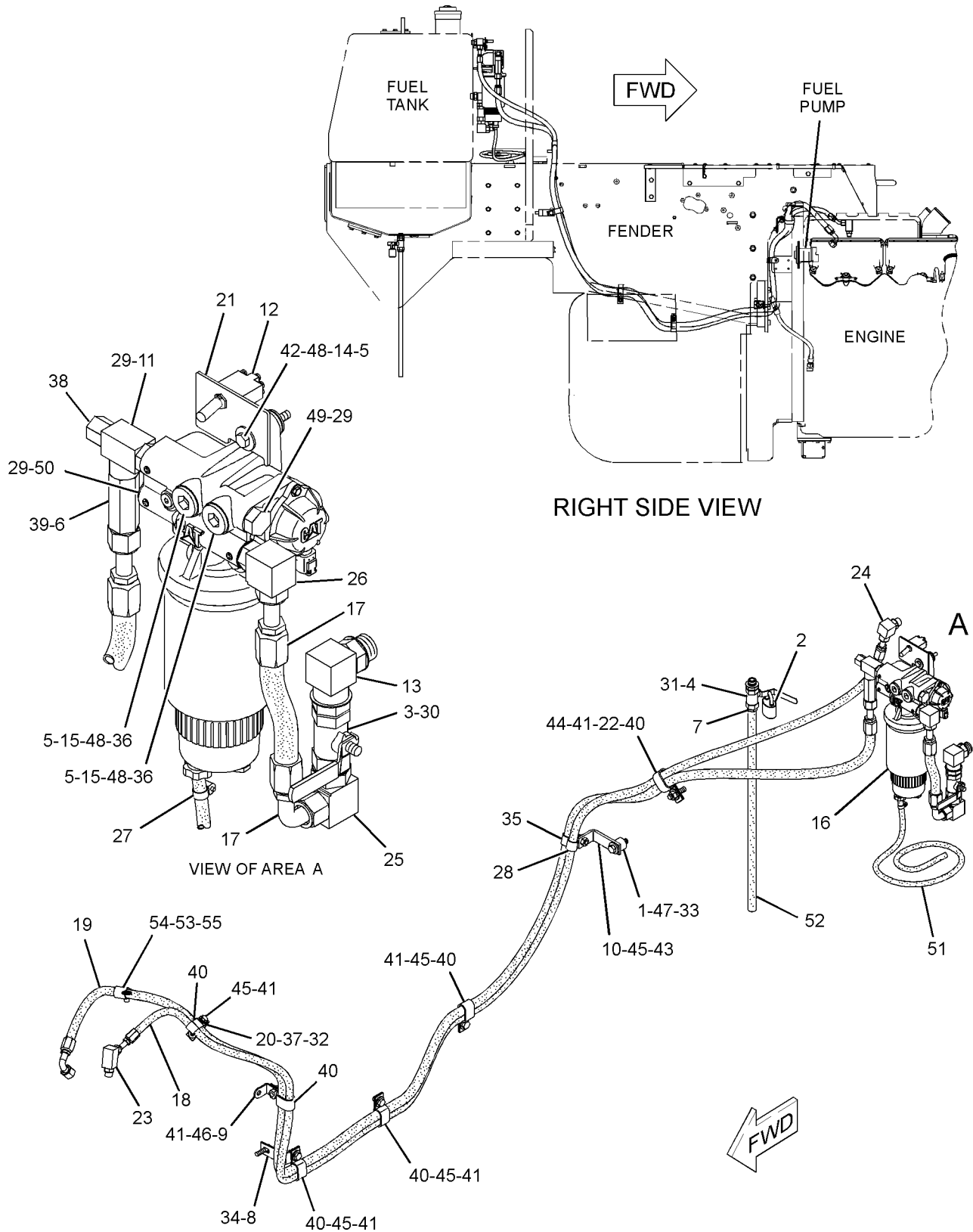
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	35	1	6D-4636	1	CLIP						
M	36	1	6V-3821	2	BOLT (M8X1.25X110-MM)						
	37	1	6V-8801	1	NUT (3/8-16-THD)						
	38	1	6V-9830	1	CAP AS						
	39	1	7J-9108	1	SEAL-O-RING						
	40	1	7S-1912	6	CLIP						
	41	1	7X-7729	6	WASHER (11X25X3-MM THK)						
M	42	1	8T-0100	1	BOLT (M8X1.25X60-MM)						
	43	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						
M	44	1	8T-4133	1	NUT (M10X1.5-THD)						
M	45	1	8T-4136	5	BOLT (M10X1.5X25-MM)						
M	46	1	8T-4137	1	BOLT (M10X1.5X20-MM)						
M	47	1	8T-4184	1	BOLT (M12X1.75X45-MM)						
	48	1	9N-0869	6	WASHER-HARD (8.8X25.5X2-MM THK)						
	49	1	9S-4190	1	PLUG-O-RING						
	50	1	9S-8006	1	PLUG-O-RING						
D	51	1	5P-5991		HOSE (1.1-M)						
E	52	1	5P-1505		HOSE (60-CM)						
	53	1	8T-4223	1	WASHER-HARD (13.5X25.5X3-MM THK)						
	54	1	8J-8197	1	CLIP						
	55	1	8T-9383	1	BOLT (1/2-13X0.75-IN)						

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

FUEL SYSTEM

213-0047 FILTER & LINES GP-FUEL (contd.)

i02789914



GRAPHIC #1

<END>

g01194509

FUEL SYSTEM

213-0047 FILTER & LINES GP-FUEL

S/N: RJG894-936

PART OF 212-2741 CHASSIS AR

SMCS-1261, 1274

i03471465

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1W-8793	1	SPACER (13.8X30X20-MM THK)	
	2	1	246-2641	1	PADLOCK GP	
		1	5P-8500	1	KEY	
	3	1	6V-8358	1	VALVE-BALL (FUEL SHUTOFF)	
	4	1	8T-6639	1	VALVE-BALL (FUEL DRAIN)	
	5	1	8T-9655	6	MOUNT-ISOLATION	
	6	1	9W-1599	1	VALVE-CHECK (FUEL FILTER, WATER SEPARATOR)	
	7	1	034-3679	1	FITTING	
	8	1	103-0010	1	BRACKET AS	
	9	1	124-3019	1	BRACKET AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	10	1	136-9699	1	BRACKET AS	
	11	1	153-6240	1	TEE AS	
		1	8C-7514	1	TEE	
		1	2M-9780	1	SEAL-O-RING	
		1	6V-8398	1	SEAL-O-RING	
Y	12	1	165-5970	1	SWITCH GP-TOGGLE (FUEL PRIMING PUMP ON, OFF)	501
	13	1	167-1795	1	ELBOW AS	
		1	8T-3491	1	ELBOW	
		1	3D-2824	1	SEAL-O-RING	
	14	1	191-1782	1	SPACER (8.5X12.7X38.2-MM THK)	
	15	1	191-1783	2	SPACER (8.5X12.7X87.3-MM THK)	
Y	16	1	217-8342	1	PUMP GP-FUEL PRM & SEC FILTER	291
I	17	1	222-2185	1	HOSE AS	
I	18	1	222-2186	1	HOSE AS	
I	19	1	222-2187	1	HOSE AS	
	20	1	226-3492	1	BRACKET AS	
	21	1	230-7515	1	PLATE	
M	22	1	133-7810	1	STUD-TAPERLOCK (M10X1.5X45-MM)	
C	23	1	148-8370	1	ELBOW AS	
		1	6V-9851	1	ELBOW	
		1	6V-8398	1	SEAL-O-RING	
	24	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	
	25	1	148-8382	1	ELBOW AS	
		1	8T-0404	1	ELBOW	
		1	3D-2824	1	SEAL-O-RING	
		1	7J-9108	1	SEAL-O-RING	
	26	1	148-8390	1	ELBOW AS	
		1	6V-8626	1	ELBOW	
		1	2M-9780	1	SEAL-O-RING	
		1	7J-9108	1	SEAL-O-RING	
	27	1	1P-4278	1	CLAMP-HOSE	
	28	1	1S-0996	1	CLIP	
	29	1	2M-9780	3	SEAL-O-RING	
	30	1	3D-2824	1	SEAL-O-RING	
	31	1	3K-0360	2	SEAL-O-RING	
	32	1	5P-1075	2	WASHER-HARD (10.2X22.5X3-MM THK)	
	33	1	5P-1076	1	WASHER-HARD (13.5X30X4-MM THK)	
	34	1	5S-7382	1	BOLT (3/8-16X1.375-IN)	
	35	1	6D-4636	1	CLIP	
M	36	1	6V-3821	2	BOLT (M8X1.25X110-MM)	
	37	1	6V-8801	1	NUT (3/8-16-THD)	
	38	1	6V-9830	1	CAP AS	

FUEL SYSTEM

213-0047 FILTER & LINES GP-FUEL (contd.)

i03471465

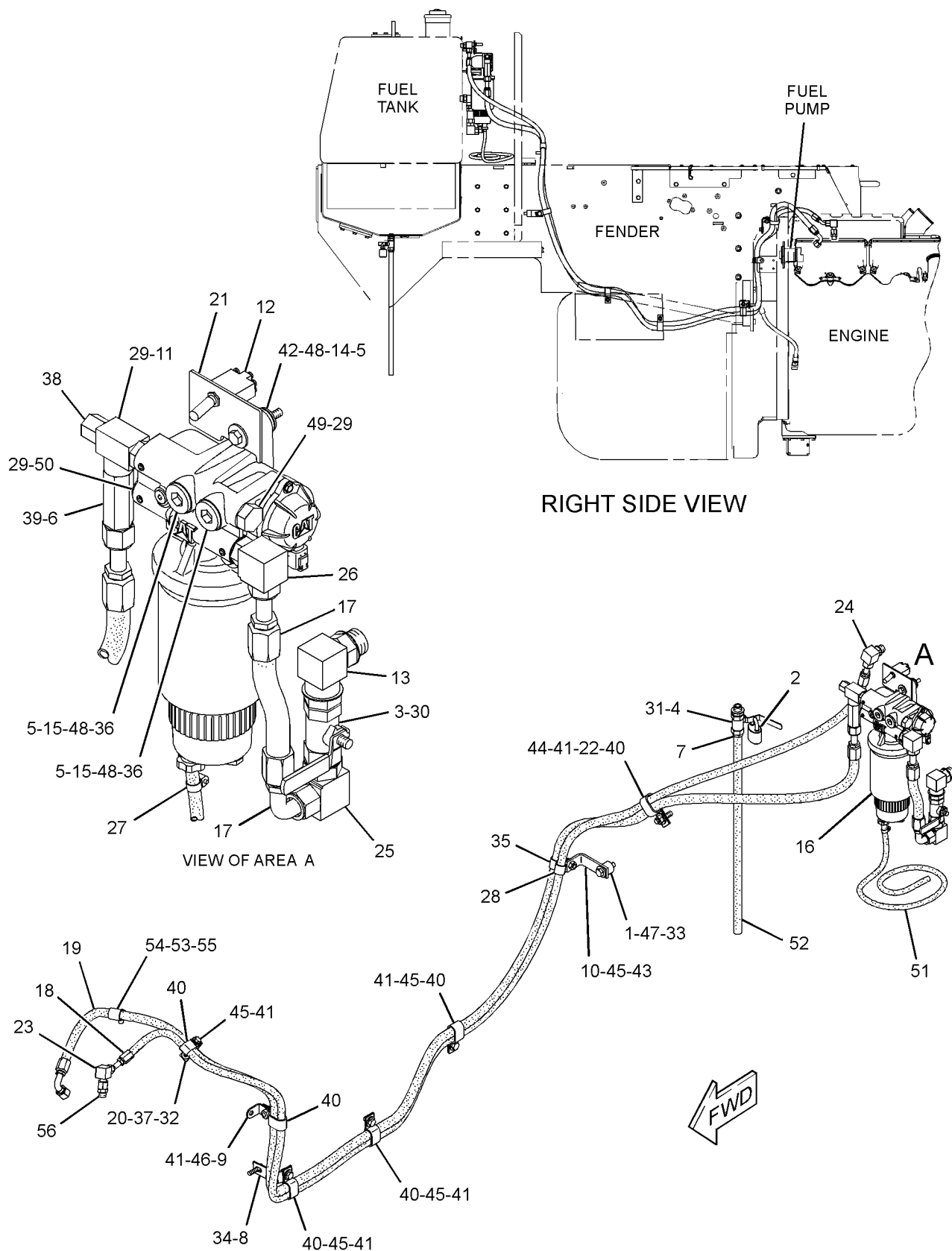
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	39	1	7J-9108	1	SEAL-O-RING						
	40	1	7S-1912	6	CLIP						
	41	1	7X-7729	6	WASHER (11X25X3-MM THK)						
M	42	1	8T-0100	1	BOLT (M8X1.25X60-MM)						
	43	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						
M	44	1	8T-4133	1	NUT (M10X1.5-THD)						
M	45	1	8T-4136	5	BOLT (M10X1.5X25-MM)						
M	46	1	8T-4137	1	BOLT (M10X1.5X20-MM)						
M	47	1	8T-4184	1	BOLT (M12X1.75X45-MM)						
	48	1	9N-0869	6	WASHER-HARD (8.8X25.5X2-MM THK)						
	49	1	9S-4190	1	PLUG-O-RING						
	50	1	9S-8006	1	PLUG-O-RING						
D	51	1	5P-5991		HOSE (1.1-M)						
E	52	1	5P-1505		HOSE (60-CM)						
	53	1	8T-4223	1	WASHER-HARD (13.5X25.5X3-MM THK)						
	54	1	8J-8197	1	CLIP						
	55	1	8T-9383	1	BOLT (1/2-13X0.75-IN)						
C	56	1	148-8340	1	CONNECTOR AS						
		1	6V-8639	1	CONNECTOR						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8398	1	SEAL-O-RING						

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

FUEL SYSTEM

213-0047 FILTER & LINES GP-FUEL (contd.)

i03471465



GRAPHIC #1

<END>

g01334485

FUEL SYSTEM

213-0047 FILTER & LINES GP-FUEL

S/N: RJG937-UP

PART OF 212-2741 CHASSIS AR

SMCS-1261, 1274

i03470041

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1W-8793	1	SPACER (13.8X30X20-MM THK)	
	2	1	246-2641	1	PADLOCK GP	
		1	5P-8500	1	KEY	
	3	1	6V-8358	1	VALVE-BALL (FUEL SHUTOFF)	
	4	1	8T-6639	1	VALVE-BALL (FUEL DRAIN)	
	5	1	8T-9655	6	MOUNT-ISOLATION	
	6	1	9W-1599	1	VALVE-CHECK (FUEL FILTER, WATER SEPARATOR)	
	7	1	034-3679	1	FITTING	
	8	1	103-0010	1	BRACKET AS	
	9	1	124-3019	1	BRACKET AS	
	10	1	201-8318	1	BRACKET AS	
	11	1	153-6240	1	TEE AS	
		1	8C-7514	1	TEE	
		1	2M-9780	1	SEAL-O-RING	
		1	6V-8398	1	SEAL-O-RING	
Y	12	1	165-5970	1	SWITCH GP-TOGGLE (FUEL PRIMING PUMP ON, OFF)	501
	13	1	167-1795	1	ELBOW AS	
		1	8T-3491	1	ELBOW	
		1	3D-2824	1	SEAL-O-RING	
	14	1	191-1782	1	SPACER (8.5X12.7X38.2-MM THK)	
	15	1	191-1783	2	SPACER (8.5X12.7X87.3-MM THK)	
Y	16	1	217-8342	1	PUMP GP-FUEL PRM & SEC FILTER	291
I	17	1	222-2185	1	HOSE AS	
CI	18	1	301-3037	1	HOSE AS	
I	19	1	222-2187	1	HOSE AS	
	20	1	226-3492	1	BRACKET AS	
	21	1	230-7515	1	PLATE	
M	22	1	133-7810	1	STUD-TAPERLOCK (M10X1.5X45-MM)	
	24	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	
	25	1	148-8382	1	ELBOW AS	
		1	8T-0404	1	ELBOW	
		1	3D-2824	1	SEAL-O-RING	
		1	7J-9108	1	SEAL-O-RING	
	26	1	148-8390	1	ELBOW AS	
		1	6V-8626	1	ELBOW	
		1	2M-9780	1	SEAL-O-RING	
		1	7J-9108	1	SEAL-O-RING	
	27	1	1P-4278	1	CLAMP-HOSE	
	28	1	1S-1015	1	CLIP	
	29	1	2M-9780	3	SEAL-O-RING	
	30	1	3D-2824	1	SEAL-O-RING	
	31	1	3K-0360	2	SEAL-O-RING	
	32	1	5P-1075	2	WASHER-HARD (10.2X22.5X3-MM THK)	
	33	1	5P-1076	1	WASHER-HARD (13.5X30X4-MM THK)	
	34	1	5S-7382	1	BOLT (3/8-16X1.375-IN)	
	35	1	6D-4636	1	CLIP	
M	36	1	6V-3821	2	BOLT (M8X1.25X110-MM)	
	37	1	6V-8801	1	NUT (3/8-16-THD)	
	38	1	6V-9830	1	CAP AS	
	39	1	7J-9108	1	SEAL-O-RING	
	40	1	7S-1912	6	CLIP	
	41	1	7X-7729	6	WASHER (11X25X3-MM THK)	
M	42	1	8T-0100	1	BOLT (M8X1.25X60-MM)	

FUEL SYSTEM

213-0047 FILTER & LINES GP-FUEL (contd.)

i03470041

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	43	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						
M	44	1	8T-4133	1	NUT (M10X1.5-THD)						
M	45	1	8T-4136	5	BOLT (M10X1.5X25-MM)						
M	46	1	8T-4137	1	BOLT (M10X1.5X20-MM)						
M	47	1	8T-4184	1	BOLT (M12X1.75X45-MM)						
	48	1	9N-0869	6	WASHER-HARD (8.8X25.5X2-MM THK)						
	49	1	9S-4190	1	PLUG-O-RING						
	50	1	9S-8006	1	PLUG-O-RING						
D	51	1	5P-5991		HOSE (1.1-M)						
E	52	1	5P-1505		HOSE (60-CM)						
	53	1	8T-4223	1	WASHER-HARD (13.5X25.5X3-MM THK)						
	54	1	8J-8197	1	CLIP						
	55	1	8T-9383	1	BOLT (1/2-13X0.75-IN)						
C	56	1	164-8908	1	CONNECTOR AS						
		1	8T-0077	1	CONNECTOR						
		1	6V-8398	1	SEAL-O-RING						
		1	3K-0360	1	SEAL-O-RING						

C-CHANGE FROM PREVIOUS TYPE

D-ORDER BY THE METER

E-ORDER BY THE CENTIMETER

I-REFER TO HYDRAULIC INFORMATION SYSTEM

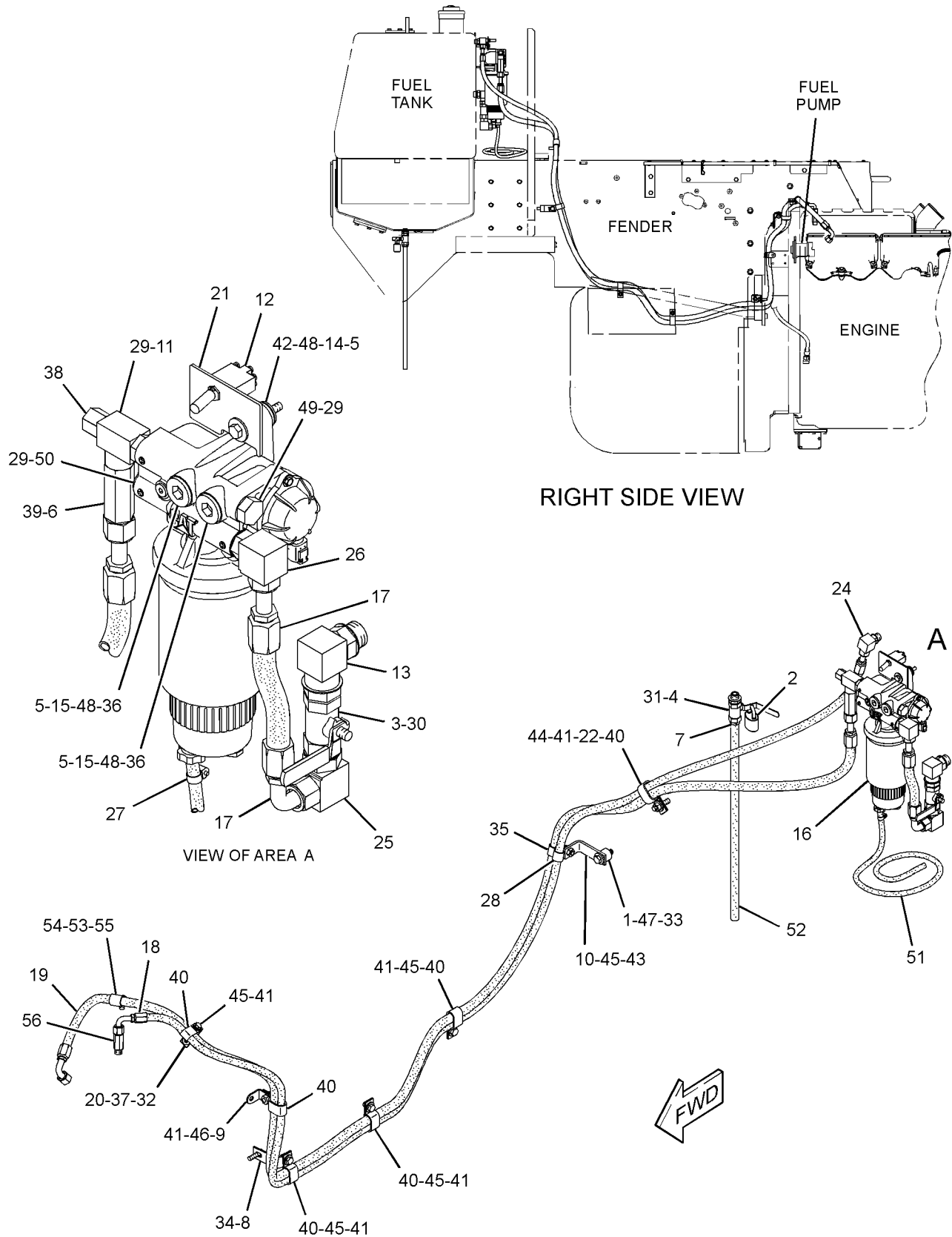
M-METRIC PART

Y-SEPARATE ILLUSTRATION

FUEL SYSTEM

213-0047 FILTER & LINES GP-FUEL (contd.)

i03470041



GRAPHIC #1

<END>

g01334562

FUEL SYSTEM

8H-4681 FILTER GP-PRIMARY FUEL

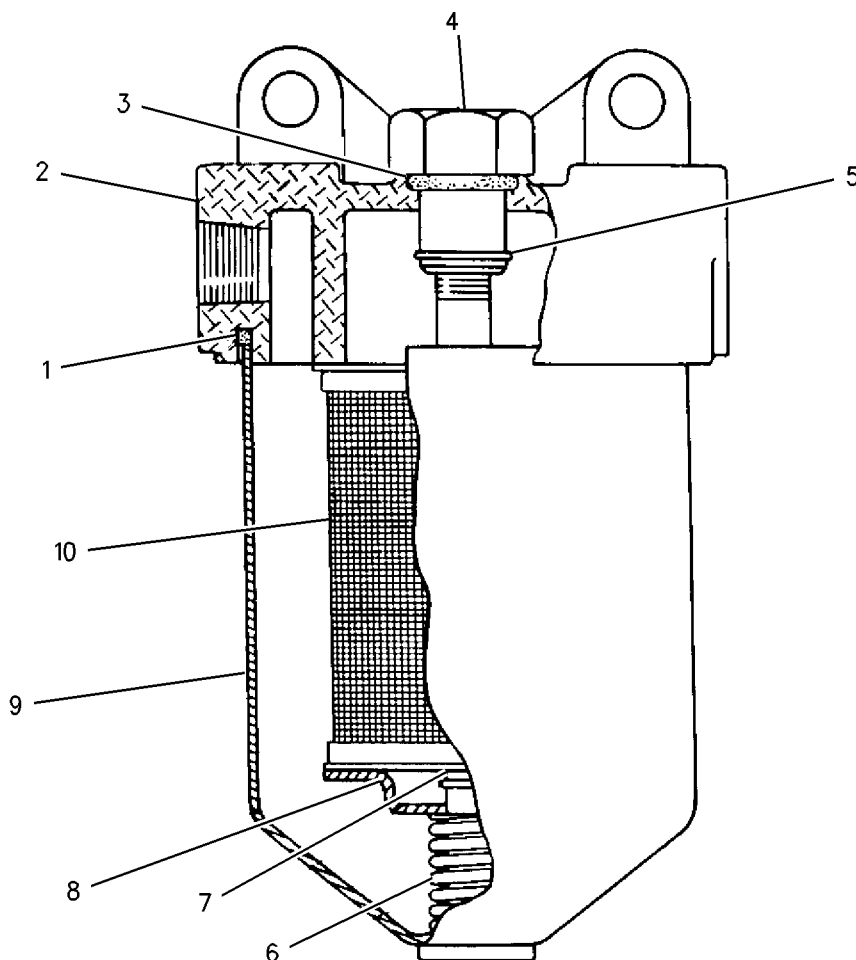
S/N: RJG1-UP

PART OF 259-8227 TANK GP-FUEL
AN ATTACHMENT

SMCS-1260, 1261

i01947509

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8H-2778	1	SEAL-RING (PRIMARY FUEL FILTER)						
	2	1	1N-3583	1	BASE-FUEL FILTER						
	3	1	2J-0157	1	SEAL-O-RING						
	4	1	7N-1628	1	NUT (3/8-24-THD)						
	5	1	1L-3769	1	RING-RETAINING						
	6	1	7S-9323	1	SPRING						
	7	1	2H-3429	1	RING-RETAINING						
	8	1	7H-9678	1	RETAINER-ELEMENT						
	9	1	8H-2810	1	CASE AS-FILTER						
	10	1	9M-2341	1	FILTER ELEMENT-FUEL						



GRAPHIC #1

<END>

g00740052

FUEL SYSTEM

235-6504 FILTER GP-SECONDARY FUEL

S/N: EHX1-2580

PART OF 212-2737, 212-2744 ENGINE AR-COMPLETE

ALSO AN ATTACHMENT

SMCS-1261

i02372929

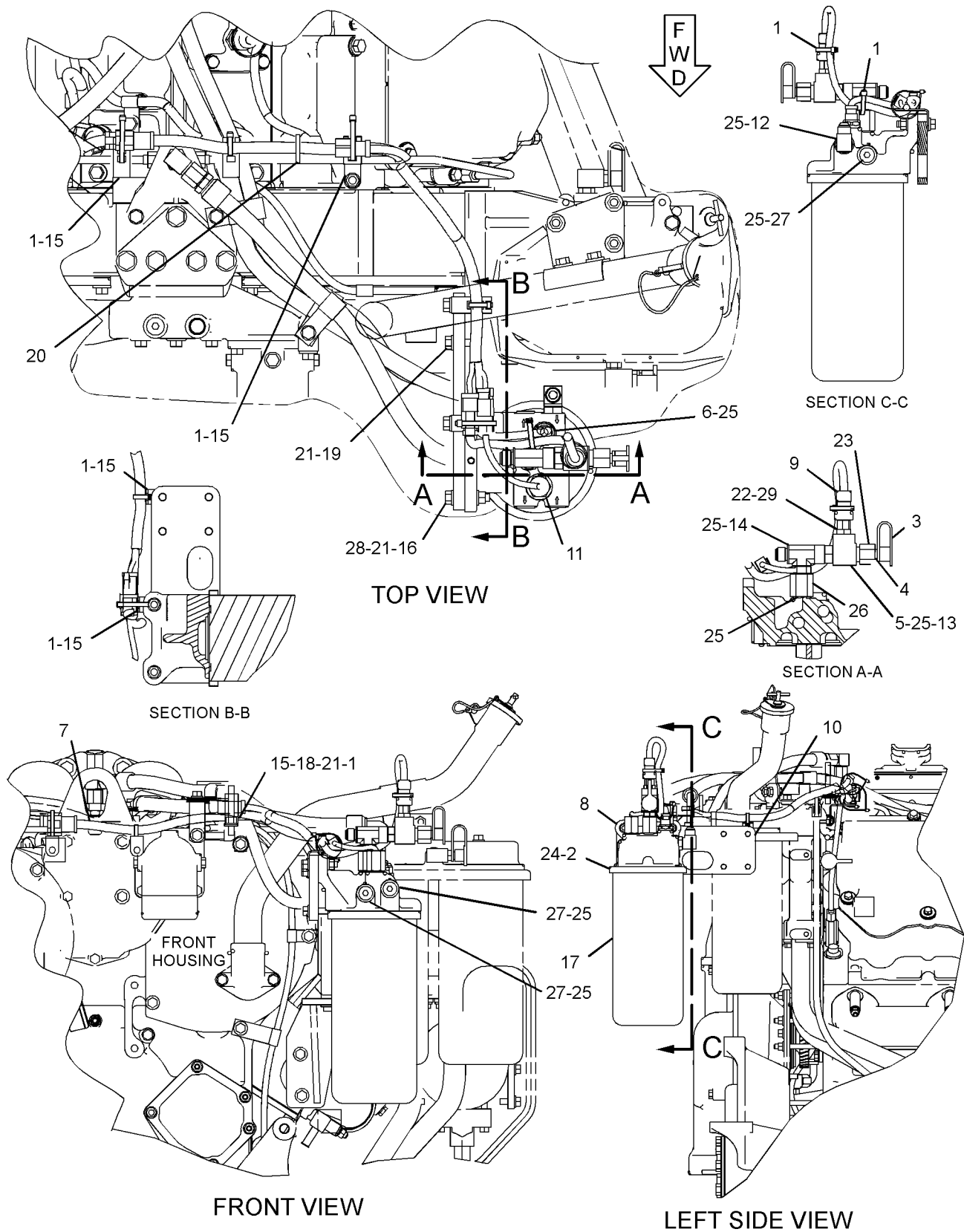
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	7	STRAP-CABLE (PLASTIC)						
	2	1	6N-1127	1	SHIELD (OIL FILTER)						
	3	1	6V-0852	1	CAP-DUST						
	4	1	8C-6416	1	FITTING						
	5	1	8T-6338	1	TEE-O-RING PORT						
Y	6	1	130-9811	1	SENSOR GP-TEMPERATURE (FUEL)						468
	7	1	235-0560	1	HARNESS AS (FUEL FILTER)						
		1	155-2260	2	KIT-CONNECTING PLUG (3-PIN)						
					(EACH INCLUDES PLUG AS, INTERFACE SEAL & WEDGE)						
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
					(INCLUDES PLUG AS, INTERFACE SEAL & WEDGE)						
E		1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (10-CM)						
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		1	102-8806	1	KIT-RECEPTACLE (8-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
					(INCLUDES PLUG AS AND WEDGE)						
	8	1	237-9307	1	BASE AS-FUEL FILTER						
		1	201-4340	1	PLUG AS						
		1	237-9323	1	STUD						
Y	9	1	239-2396	1	SENSOR GP-PRESSURE (FUEL)						461
	10	1	242-9362	1	PLATE						
Y	11	1	258-0883	1	SWITCH GP-PRESSURE (FUEL)						499
	12	1	118-4728	1	ELBOW (90-DEG)						
	13	1	033-6033	1	SEAL-O-RING						
	14	1	120-9127	1	TEE						
	15	1	132-5789	5	CLIP (LADDER)						
	16	1	1C-2251	2	BOLT (3/8-16X1.87-IN)						
	17	1	1R-0755	1	FILTER-FUEL (ADVANCED EFFICIENCY)						
	18	1	238-4664	1	STUD (3/8-16-THD)						
	19	1	3B-1915	4	BOLT (3/8-16X1.375-IN)						
	20	1	204-1611	1	STRAP-CABLE						
	21	1	5M-2894	9	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	22	1	6V-5049	1	SEAL-O-RING						
	23	1	6V-8554	1	NUT (13/16-16-THD)						
	24	1	7F-9090	2	SCREW-DRIVE (NO 8X3/8-IN)						
	25	1	8L-2786	8	SEAL-O-RING						
	26	1	8T-1715	1	ADAPTER						
	27	1	9S-8005	3	PLUG-O-RING (STRAIGHT THREAD O-RING)						
	28	1	9S-8752	2	NUT-FULL (3/8-16-THD)						
	29	1	9X-0261	1	ADAPTER						

E-ORDER BY THE CENTIMETER
Y-SEPARATE ILLUSTRATION

FUEL SYSTEM

235-6504 FILTER GP-SECONDARY FUEL (contd.)

i02372929



GRAPHIC #1

<END>

g01224146

FUEL SYSTEM

279-5730 FILTER GP-SECONDARY FUEL

S/N: EHX2581-UP

PART OF 212-2737, 271-2219, 271-2220 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1261

i03471466

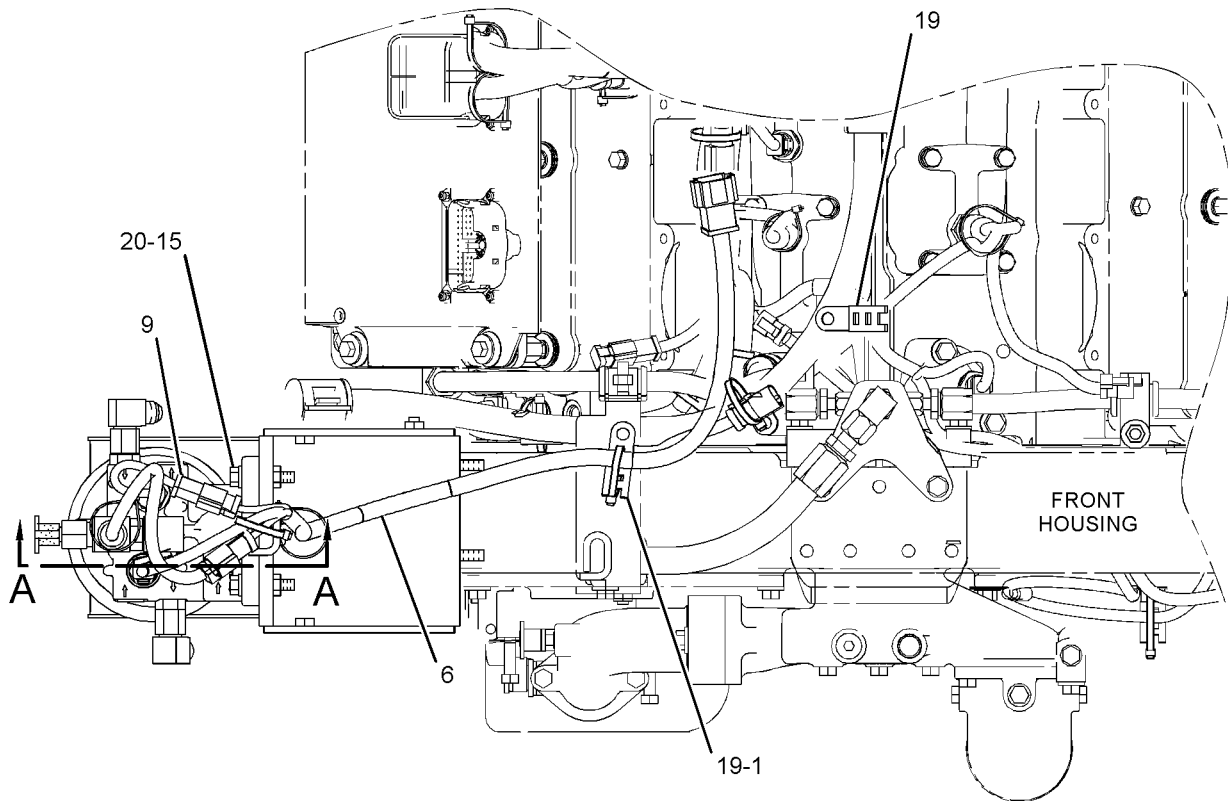
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1, 2	3S-2093	6	STRAP-CABLE						
	2	1	6N-1127	1	SHIELD (FUEL FILTER)						
	3	1	8C-6416	1	FITTING						
	4	1	8T-6338	1	TEE-O-RING PORT						
	5	2	264-4297	1	SENSOR GP-TEMPERATURE (FUEL)						
	6	1	295-0175	1	HARNESS AS-SENSOR (FUEL FILTER)						
	7	1	237-9307	1	BASE AS-FUEL FILTER						
		1	237-9323	1	STUD						
Y	8	1	239-2396	1	SENSOR GP-PRESSURE (FUEL)						461
Y	9	1	258-0883	1	SWITCH GP-PRESSURE (FUEL)						499
	10	2	312-5587	1	BRACKET AS						
		2	1F-0748	4	NUT-WELD (1/2-13-THD)						
		2	1F-0750	4	NUT-WELD (3/8-16-THD)						
		2	7T-1099	2	LINK						
	11	2	275-6274	1	PLATE						
	12	1	033-6033	1	SEAL-O-RING						
	13	2	132-5789	1	CLIP						
	14	1	0L-1351	1	BOLT (3/8-16X0.875-IN)						
	15	1	1C-2251	2	BOLT (3/8-16X1.87-IN)						
	16	2	1R-0755	1	FILTER-FUEL (ADVANCED EFFICIENCY)						
	18	1	3B-1915	4	BOLT (3/8-16X1.375-IN)						
	19	1	4P-7581	2	CLIP						
	20	1	5M-2894	7	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	22	1	6V-0852	1	CAP-DUST						
	23	1	6V-5049	1	SEAL-O-RING						
	24	1	6V-8554	1	NUT (13/16-16-THD)						
	25	1	7F-9090	2	SCREW-DRIVE (NO 8X3/8-IN)						
	26	1, 2	8L-2786	8	SEAL-O-RING						
	27	1	8M-0505	2	CONNECTOR						
	28	1	8M-0547	2	ELBOW-FLARED (SWIVEL)						
	29	2	8T-0119	1	ELBOW						
	30	1	8T-1715	1	ADAPTER						
	31	2	9S-8005	2	PLUG-O-RING						
	32	1	9X-0261	1	ADAPTER						

Y-SEPARATE ILLUSTRATION

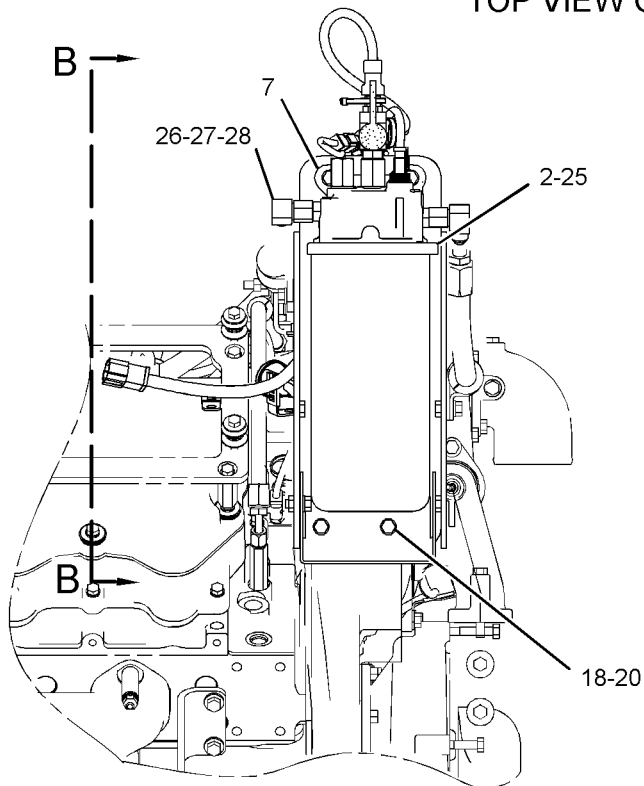
FUEL SYSTEM

279-5730 FILTER GP-SECONDARY FUEL (contd.)

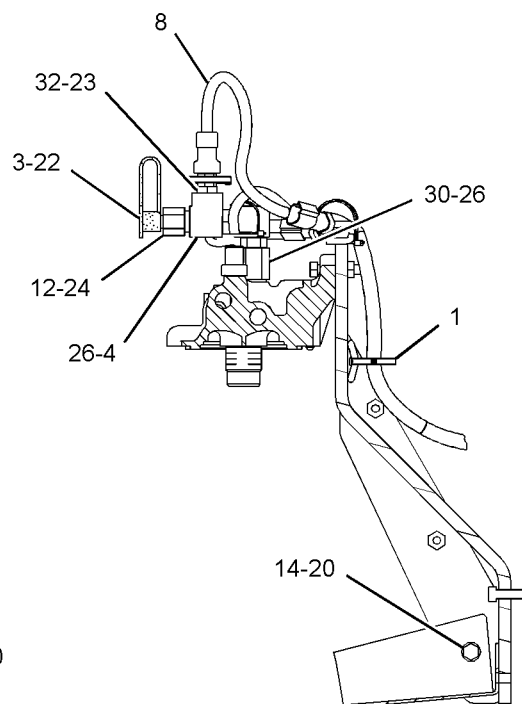
i03471466



TOP VIEW OF ENGINE



RIGHT SIDE VIEW OF ENGINE



SECTION A-A

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

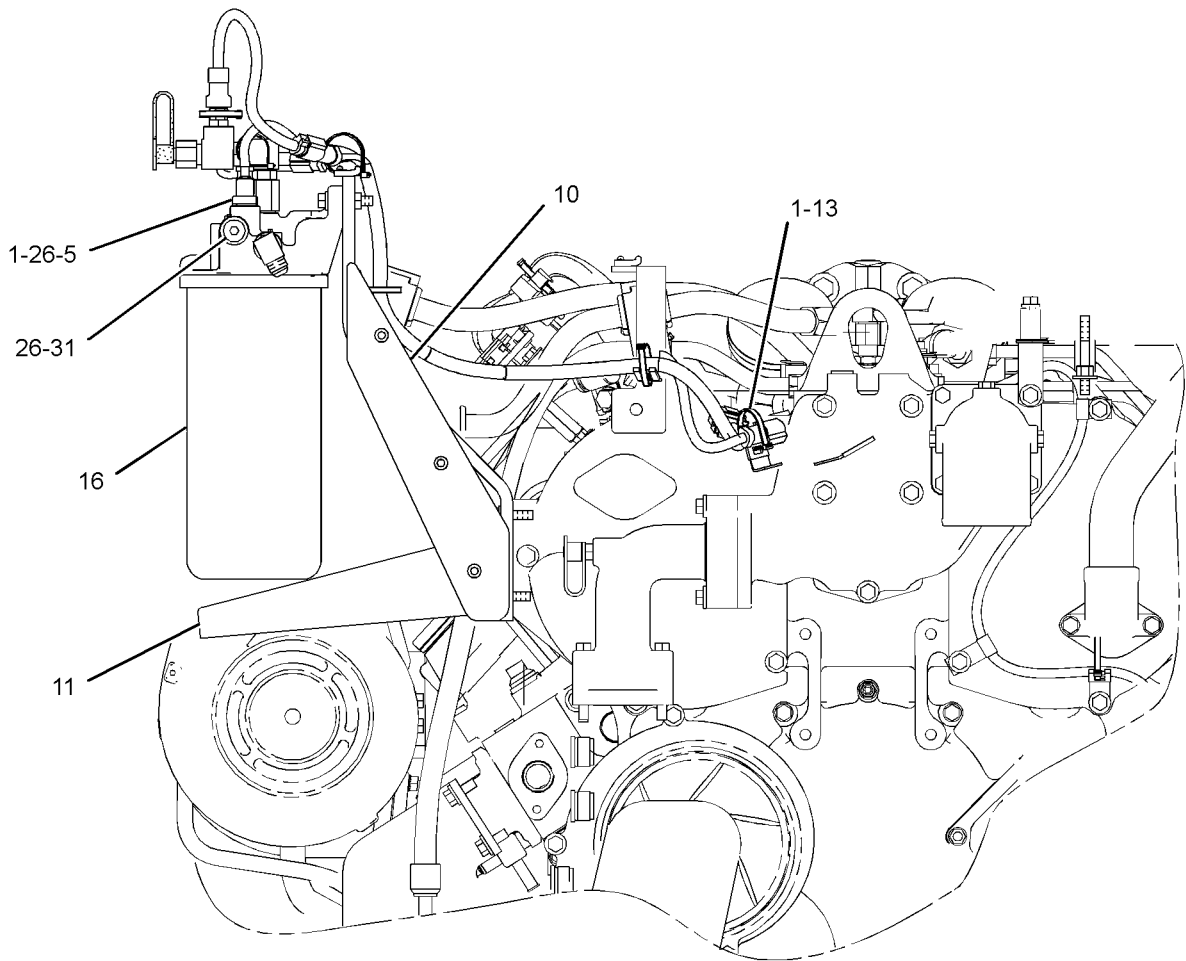
GRAPHIC #1

g01527866

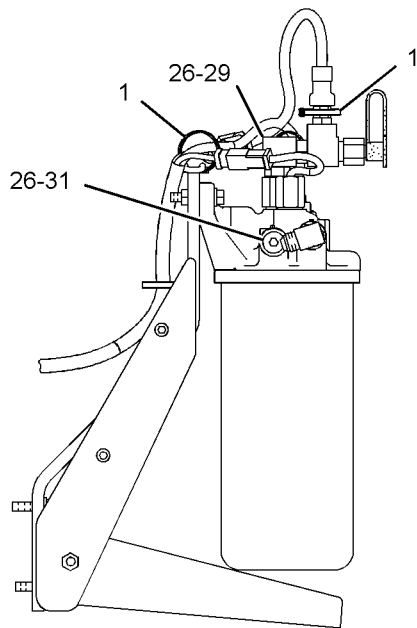
FUEL SYSTEM

279-5730 FILTER GP-SECONDARY FUEL (contd.)

i03471466



FRONT VIEW OF ENGINE



VIEW B-B

<END>

GRAPHIC #2

g01809213

FUEL SYSTEM

212-9580 FILTER GP-WATER SEP & FUEL

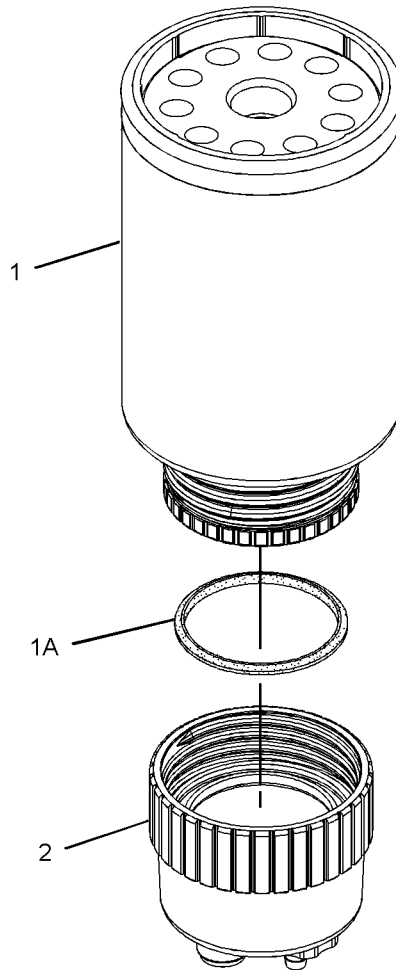
S/N: RJG1-UP

PART OF 217-8342 PUMP GP-FUEL PRM & SEC FILTER

SMCS-1261, 1263

i03162804

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	326-1643	1	FILTER AS-WATER SEP & FUEL						
	1A	1	220-8678	1	SEAL-RING (FUEL FILTER)						
	2	1	270-5320	1	BOWL AS						



GRAPHIC #1

<END>

g01179858

FUEL SYSTEM

216-0829 LINES GP-FUEL

S/N: EHX1-2580

PART OF 212-2737, 212-2744 ENGINE AR-COMPLETE
ALSO AN ATTACHMENT

SMCS-1274

i02387259

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9G-7101	2	SPACER (10.5X20X30-MM THK)						
Y	2	1	228-7381	1	VALVE GP-CHECK (FUEL)						299
	3	2	235-4754	2	TUBE AS						
	4	2	236-4185	1	PLATE						
	5	1	237-4895	1	MANIFOLD						
	6	2	246-8809	1	PLATE AS						
	7	2	256-3366	1	BRACKET AS						
I	8	2	260-9648	1	HOSE AS						
I	9	2	260-9649	1	HOSE AS						
I	10	2	278-8794	1	HOSE AS						
I	11	2	278-8795	1	HOSE AS						
	12	1	278-9029	2	PLATE						
	13	1, 2	030-7937	4	CONNECTOR-PORT						
	14	1	030-7942	1	ELBOW (45-DEG)						
	15	1	030-7947	1	ELBOW						
	16	2	118-4728	1	ELBOW (90-DEG)						
	17	1	0L-2070	1	BOLT (3/8-16X2.25-IN)						
	18	2	0S-0509	1	BOLT (3/8-16X0.75-IN)						
	19	1	0S-1590	3	BOLT (3/8-16X2-IN)						
	20	1	0S-1594	2	BOLT (3/8-16X1-IN)						
	21	1	132-5789	2	CLIP						
	22	1, 2	136-7227	1	SEAL-O-RING						
	23	1, 2	1B-2578	6	NUT (3/8-16-THD)						
	24	1	2P-7213	1	TEE-BULKHEAD						
	25	1, 2	5M-2894	14	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	26	1, 2	6D-4244	3	CLIP						
	27	1, 2	6V-5049	6	SEAL-O-RING						
	28	2	6V-9003	1	ELBOW						
	29	1	7F-2050	1	LOCKNUT (3/4-16-THD)						
	30	2	8L-2786	1	SEAL-O-RING						
	31	1	8M-0547	1	ELBOW-FLARED (SWIVEL)						
	32	1, 2	8M-2773	4	CLIP						
	33	2	8S-0948	4	CLIP						
	34	2	8S-8820	2	CLIP						
	35	1	8S-9191	2	BOLT (3/8-16X4-IN)						
	36	1	9X-6458	2	WASHER-HARD (10.2X22.5X3-MM THK)						

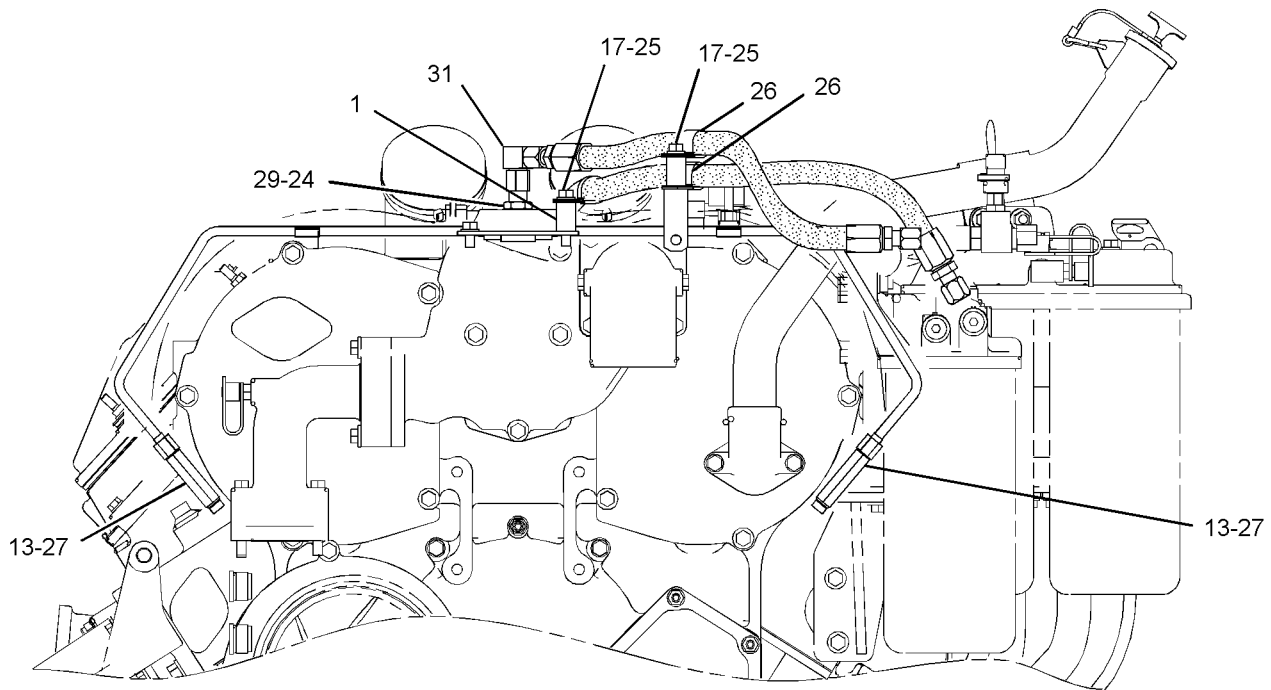
I-REFER TO HYDRAULIC INFORMATION SYSTEM

Y-SEPARATE ILLUSTRATION

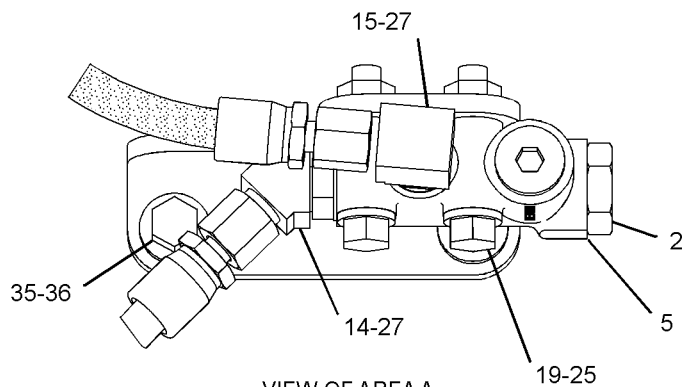
FUEL SYSTEM

216-0829 LINES GP-FUEL (contd.)

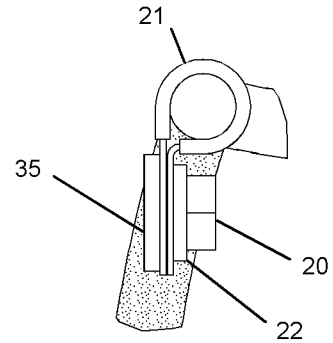
i02387259



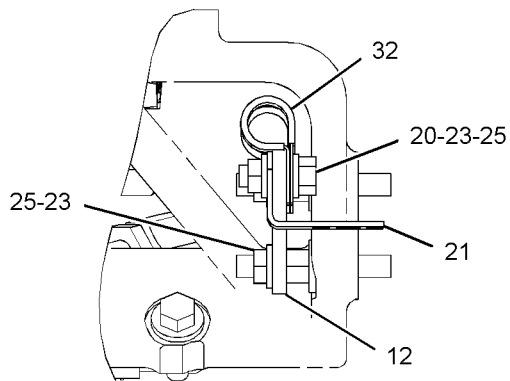
FRONT VIEW



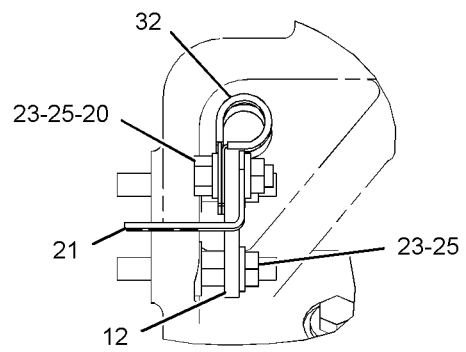
VIEW OF AREA A



SECTION B-B



SECTION F-F



SECTION E-E

GRAPHIC #1

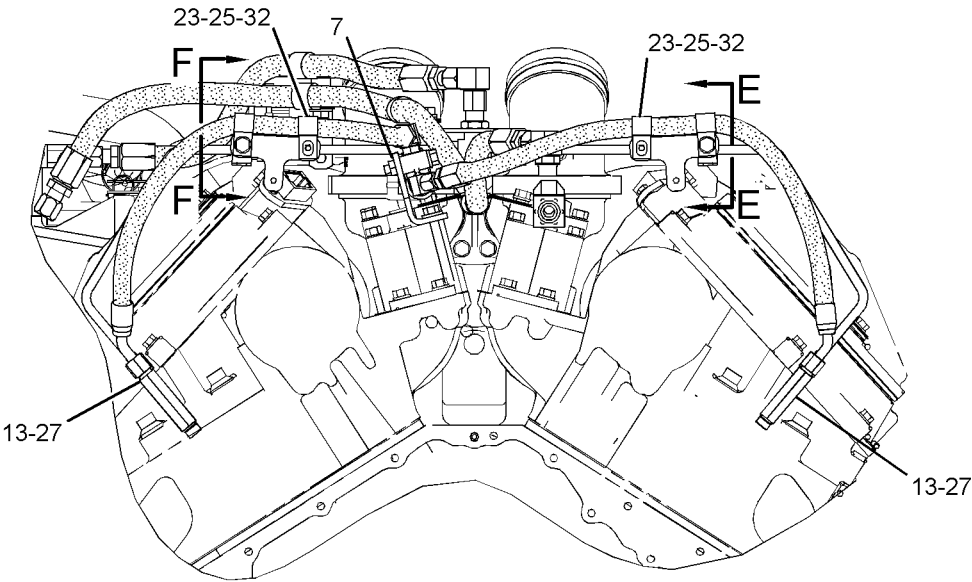
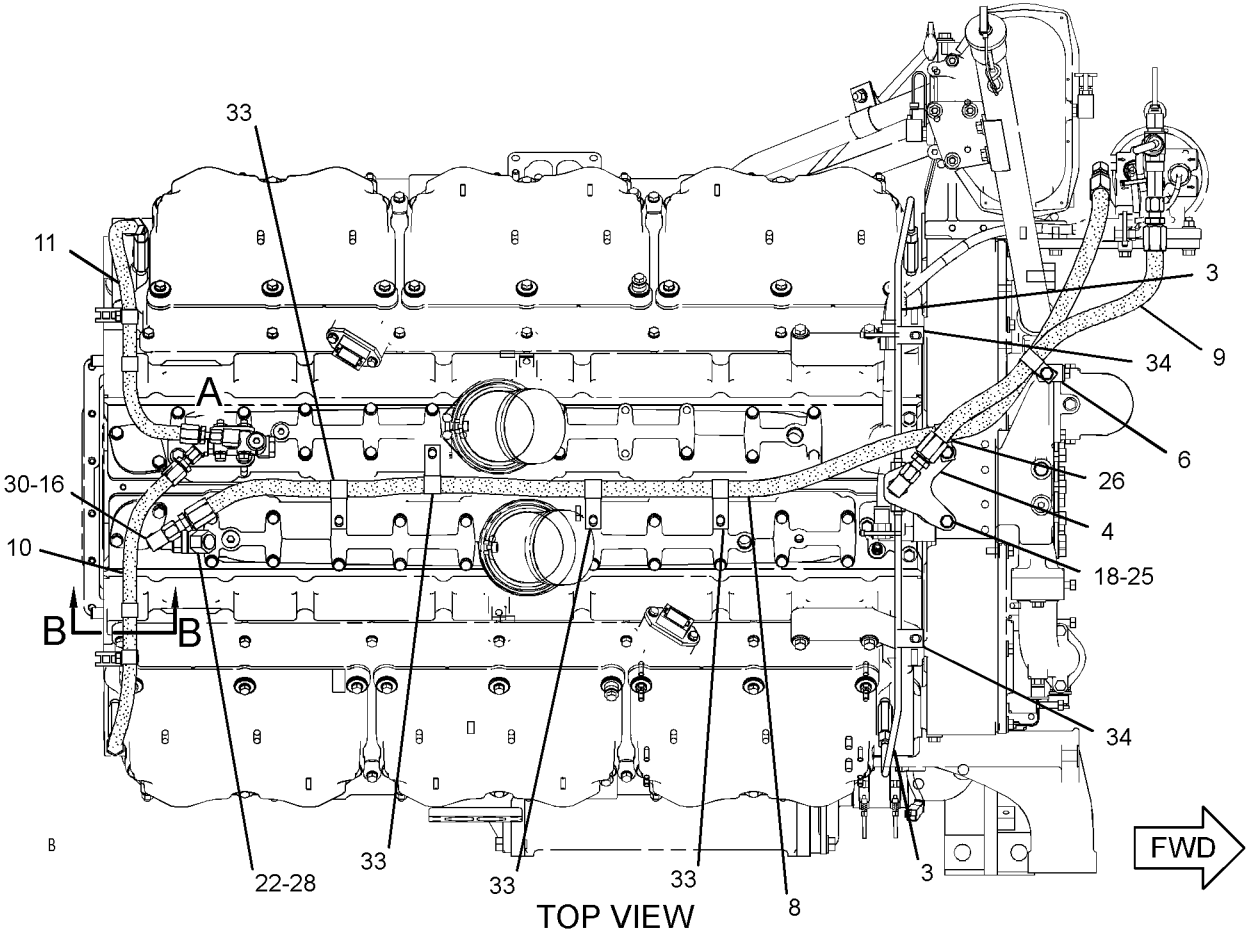
g01191950

FUEL SYSTEM

216-0829 LINES GP-FUEL (contd.)

i02387259

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



REAR VIEW
<END>

GRAPHIC #2

g01191951

FUEL SYSTEM

282-5926 LINES GP-FUEL FILTER

S/N: EHX2581-2953

PART OF 212-2737, 271-2219, 271-2220 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1261, 1274

i02532591

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	2	1, 2	172-0197	3	SPACER (10.5X20X5.29-MM THK)	
Y	3	2	228-7381	1	VALVE GP-CHECK (FUEL)	299
	4	1, 2	235-4754	2	TUBE AS	
	5	2	236-4185	1	PLATE	
	6	2	237-4895	1	MANIFOLD	
	7	1	256-3366	1	BRACKET AS	
I	8	2	287-0528	1	HOSE AS	
	9	1	274-9566	1	BRACKET AS	
I	10	2	274-9569	1	HOSE AS	
I	11	2	278-8794	1	HOSE AS	
I	12	2	278-8795	1	HOSE AS	
	13	2	278-9029	2	PLATE	
	14	1	030-7937	4	CONNECTOR-PORT	
	15	2	030-7942	1	ELBOW	
	16	2	030-7947	1	ELBOW	
	17	2	118-4728	1	ELBOW	
	18	1	0L-1351	1	BOLT (3/8-16X0.875-IN)	
	19	2	0S-0509	2	BOLT (3/8-16X0.75-IN)	
	20	1	0S-1588	2	BOLT (3/8-16X1.25-IN)	
	21	2	0S-1590	3	BOLT (3/8-16X2-IN)	
	22	2	0S-1594	2	BOLT (3/8-16X1-IN)	
	23	2	132-5789	2	CLIP (LADDER)	
	24	2	136-7227	1	SEAL-O-RING	
	25	1, 2	1B-2578	6	NUT (3/8-16-THD)	
	26	1	2P-7213	1	TEE-BULKHEAD	
	27	1, 2	5M-2894	17	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	28	1, 2	6D-4244	3	CLIP	
	29	1, 2	6V-5049	6	SEAL-O-RING	
	30	2	6V-8801	1	NUT (3/8-16-THD)	
	31	2	6V-9003	1	ELBOW	
	32	1	7F-2050	1	LOCKNUT (3/4-16-THD)	
	33	2	8L-2786	1	SEAL-O-RING	
	34	1	8M-0547	1	ELBOW-FLARED (SWIVEL)	
	35	1, 2	8M-2773	4	CLIP	
	36	1, 2	8S-0948	5	CLIP	
	37	2	8S-8820	2	CLIP	
	38	2	8S-9191	2	BOLT (3/8-16X4-IN)	
	39	2	8T-2502	1	BOLT (3/8-16X1.125-IN)	
	40	2	9X-6458	2	WASHER-HARD (10.2X22.5X3-MM THK)	

I-REFER TO HYDRAULIC INFORMATION SYSTEM

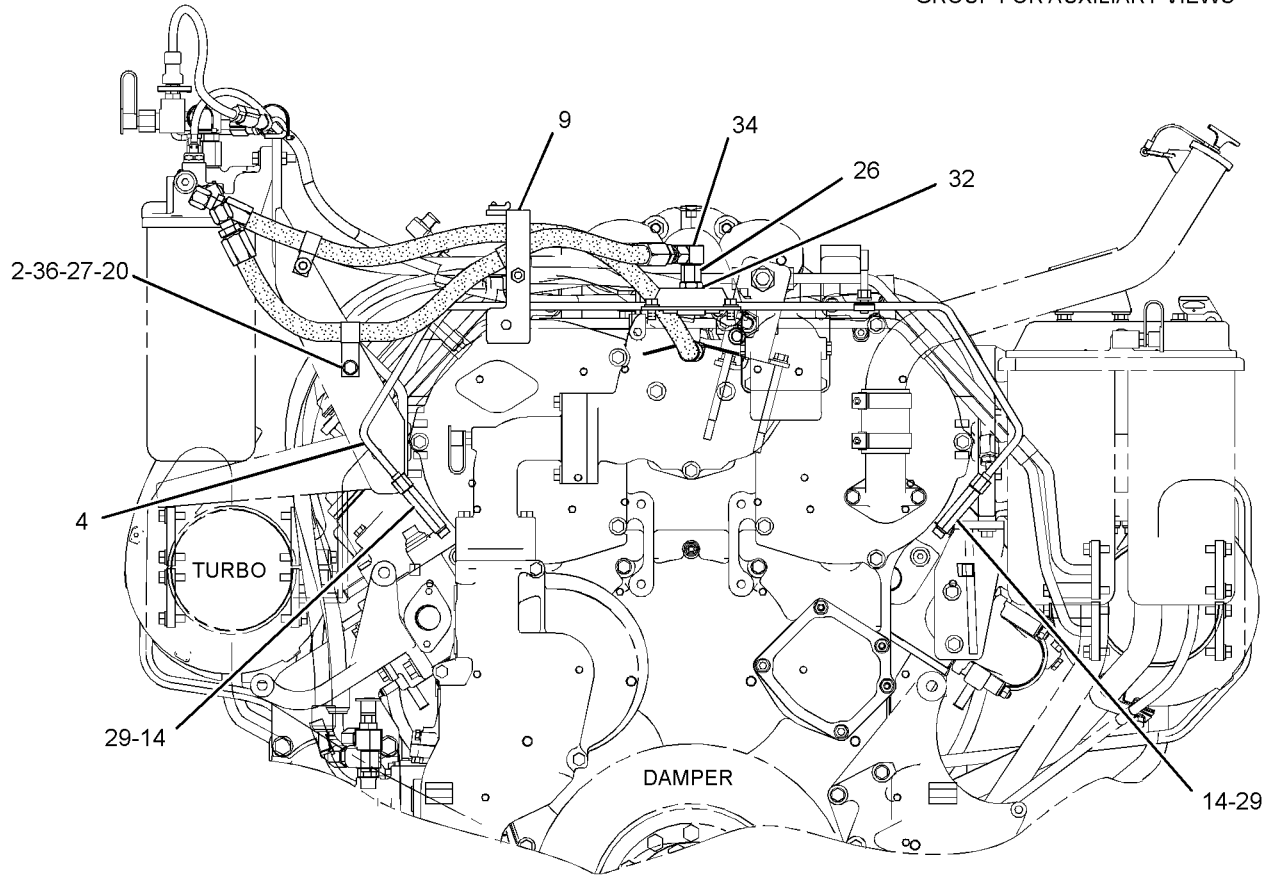
Y-SEPARATE ILLUSTRATION

FUEL SYSTEM

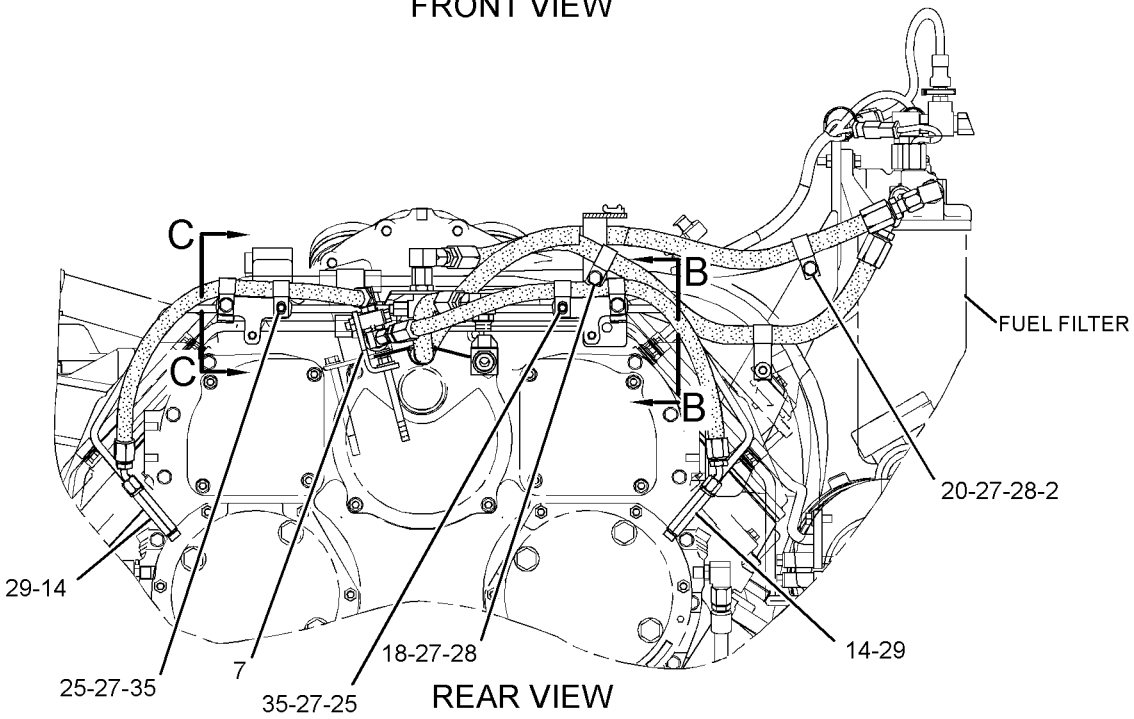
282-5926 LINES GP-FUEL FILTER (contd.)

i02532591

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



FRONT VIEW



REAR VIEW

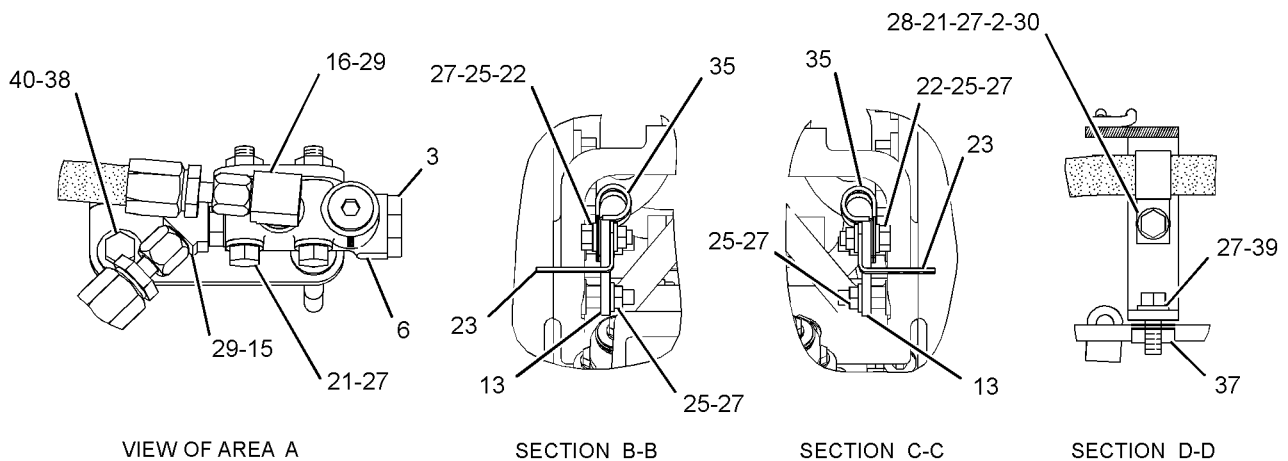
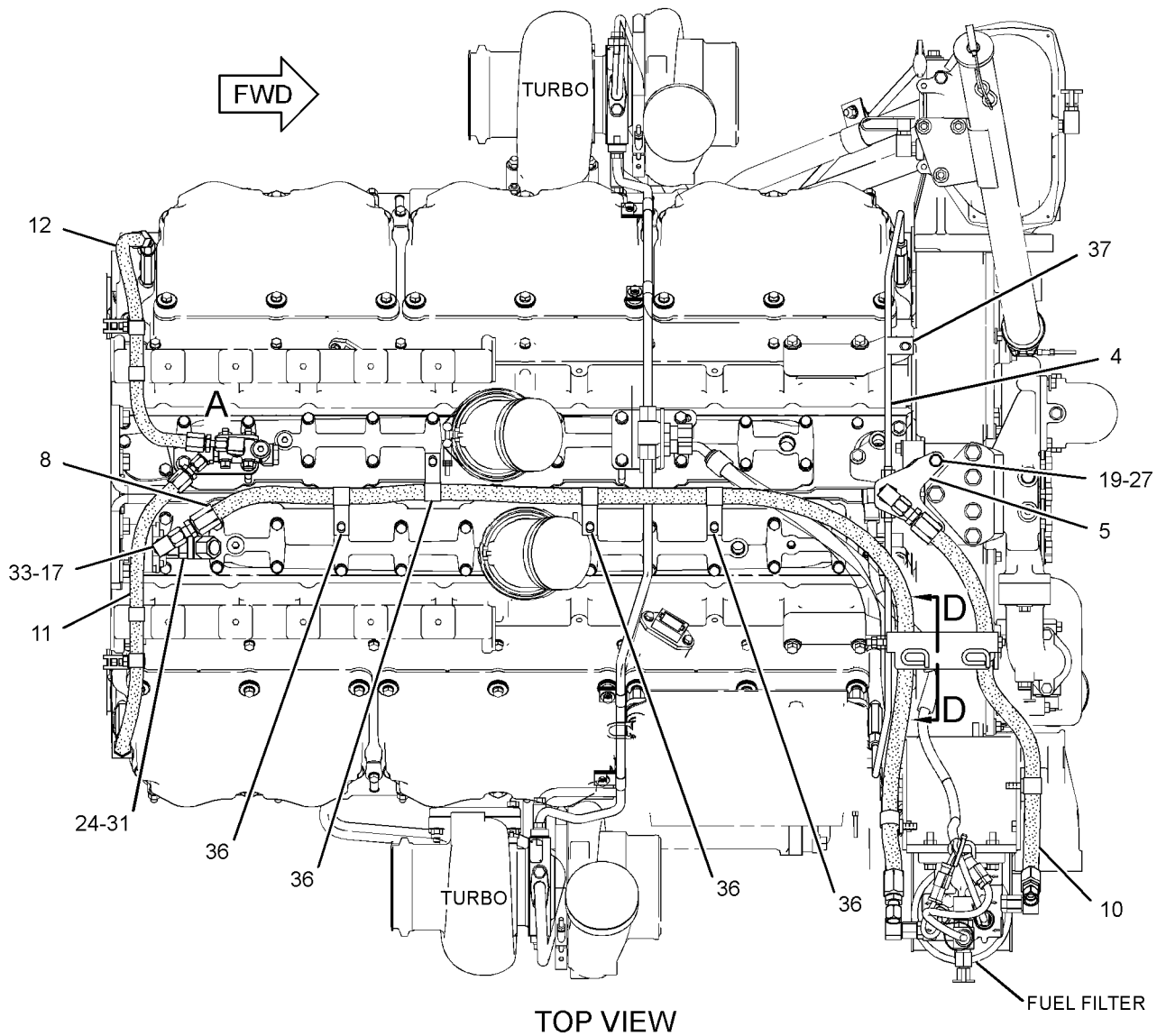
GRAPHIC #1

g01223828

FUEL SYSTEM

282-5926 LINES GP-FUEL FILTER (contd.)

i02532591



GRAPHIC #2

<END>

g01291130

FUEL SYSTEM

282-5926 LINES GP-FUEL FILTER

S/N: EHX2954-3157

PART OF 271-2219, 271-2220 ENGINE AR-COMPLETE
ALSO AN ATTACHMENT

SMCS-1261, 1274

i02561090

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	9X-6458	2	WASHER-HARD (10.2X22.5X3-MM THK)						
	2	1, 2	172-0197	3	SPACER (10.5X20X5.29-MM THK)						
Y	3	2	228-7381	1	VALVE GP-CHECK (FUEL)						299
CI	4	1	291-6076	2	HOSE AS						
	5	2	236-4185	1	PLATE						
	6	2	237-4895	1	MANIFOLD						
	7	1	256-3366	1	BRACKET AS						
I	8	2	287-0528	1	HOSE AS						
	9	1	274-9566	1	BRACKET AS						
I	10	2	274-9569	1	HOSE AS						
I	11	2	278-8794	1	HOSE AS						
I	12	2	278-8795	1	HOSE AS						
	13	2	278-9029	2	PLATE						
	14	1	030-7937	4	CONNECTOR-PORT						
	15	2	030-7942	1	ELBOW						
	16	2	030-7947	1	ELBOW						
	17	2	118-4728	1	ELBOW						
	18	1	0L-1351	1	BOLT (3/8-16X0.875-IN)						
	19	2	0S-0509	2	BOLT (3/8-16X0.75-IN)						
	20	1	0S-1588	2	BOLT (3/8-16X1.25-IN)						
	21	2	0S-1590	3	BOLT (3/8-16X2-IN)						
	22	2	0S-1594	2	BOLT (3/8-16X1-IN)						
	23	2	132-5789	2	CLIP (LADDER)						
	24	1, 2	136-7227	1	SEAL-O-RING						
	25	1, 2	1B-2578	6	NUT (3/8-16-THD)						
	26	1	2P-7213	1	TEE-BULKHEAD						
	27	1, 2	5M-2894	17	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	28	1, 2	6D-4244	3	CLIP						
	29	1, 2	6V-5049	6	SEAL-O-RING						
	30	2	6V-8801	1	NUT (3/8-16-THD)						
	31	2	6V-9003	1	ELBOW						
	32	1	7F-2050	1	LOCKNUT (3/4-16-THD)						
	33	2	8L-2786	1	SEAL-O-RING						
	34	1	8M-0547	1	ELBOW-FLARED (SWIVEL)						
	35	1, 2	8M-2773	4	CLIP						
	36	1, 2	8S-0948	5	CLIP						
C	37	2	1S-6420	2	CLIP						
	38	2	8S-9191	2	BOLT (3/8-16X4-IN)						
	39	2	8T-2502	1	BOLT (3/8-16X1.125-IN)						

C-CHANGE FROM PREVIOUS TYPE

I-REFER TO HYDRAULIC INFORMATION SYSTEM

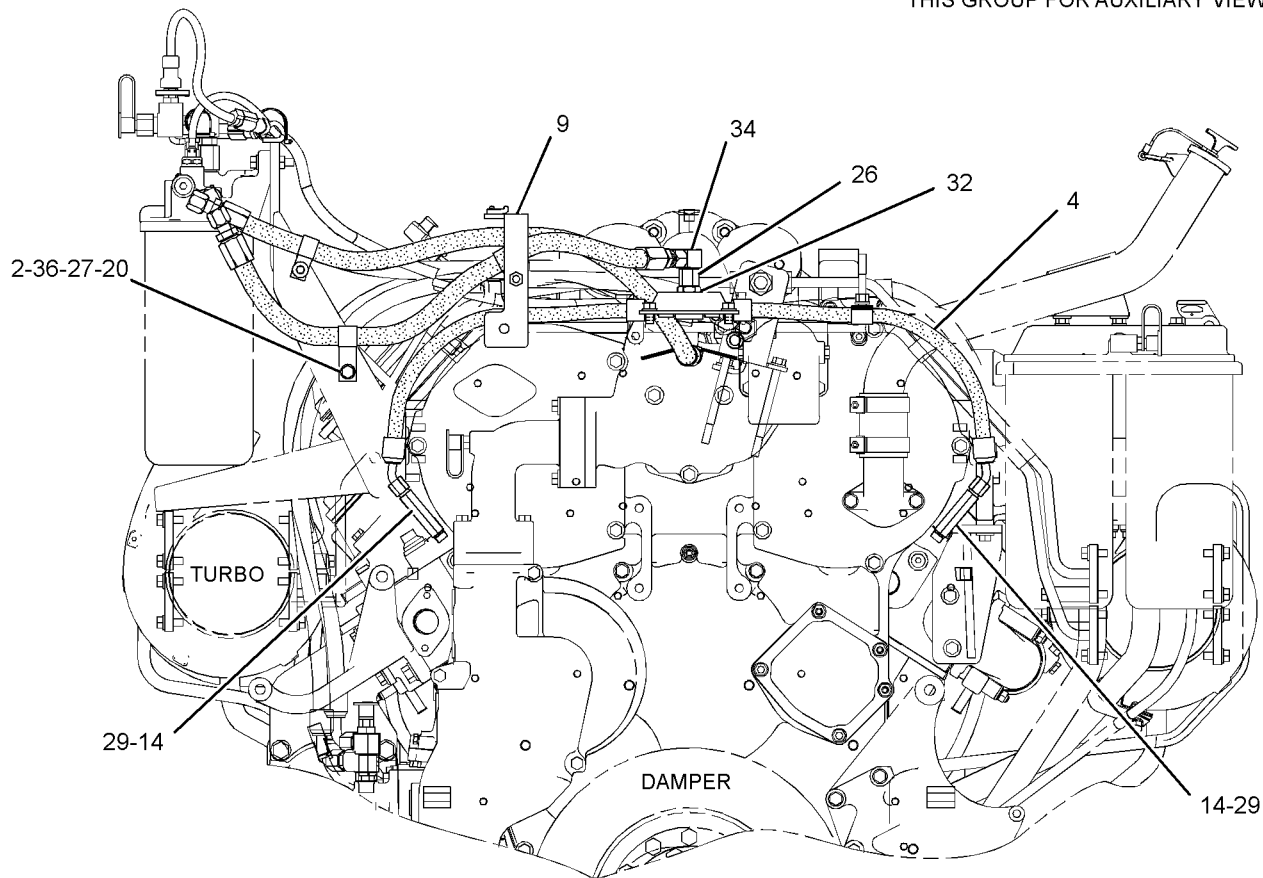
Y-SEPARATE ILLUSTRATION

FUEL SYSTEM

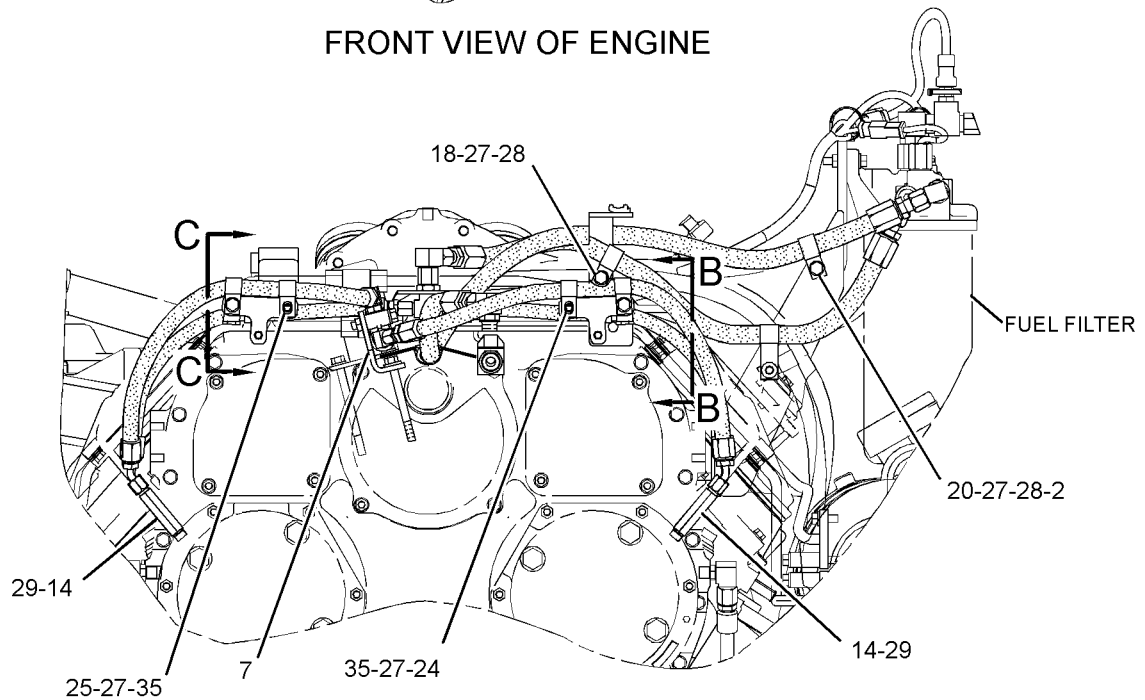
282-5926 LINES GP-FUEL FILTER (contd.)

i02561090

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



FRONT VIEW OF ENGINE



REAR VIEW OF ENGINE

GRAPHIC #1

g01307007

FUEL SYSTEM

282-5926 LINES GP-FUEL FILTER (contd.)

i02561090

TOP VIEW

1-38 16-29 29-15 21-27 6

VIEW OF AREA A

27-25-22 35 23 13 25-27

SECTION B-B

28-21-27-2-30 35 22-25-27 22 13 25-27

SECTION C-C

27-39 37 27-39

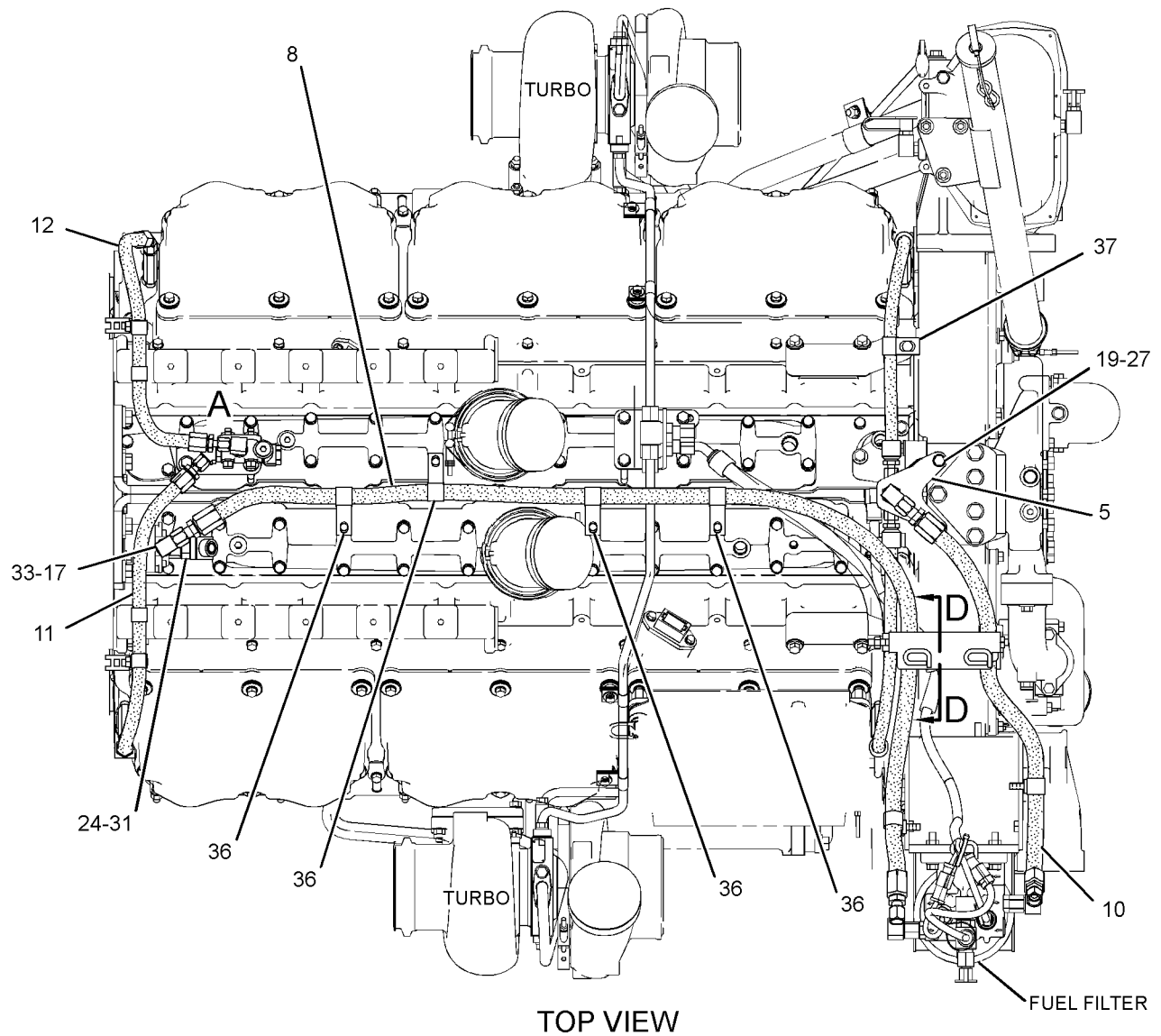
SECTION D-D

GRAPHIC #2

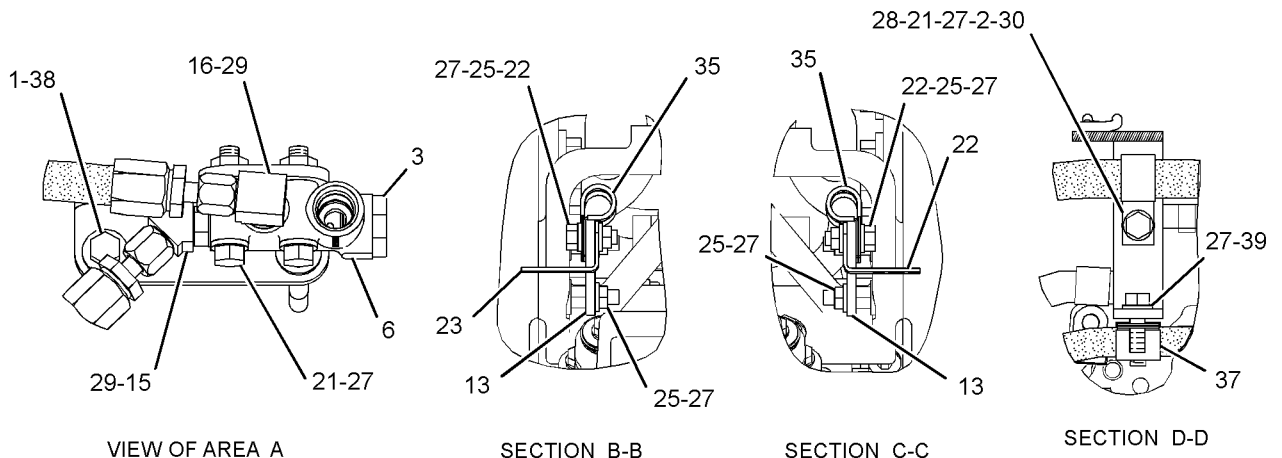
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g01308117

i02561090



TOP VIEW



VIEW OF AREA A

SECTION B-B

SECTION C-C

SECTION D-D

GRAPHIC #2

<END>

g01308117

FUEL SYSTEM

282-5926 LINES GP-FUEL FILTER

S/N: EHX3158-3215

PART OF 271-2219, 271-2220 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1261, 1274

i02643211

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	172-0197	3	SPACER (10.5X20X5.29-MM THK)	
Y	2	1	228-7381	1	VALVE GP-CHECK (FUEL)	299
	3	1	236-4185	1	PLATE	
	4	2	274-9566	1	BRACKET AS	
		2	1F-0750	1	NUT-WELD (3/8-16-THD)	
I	5	1	274-9569	1	HOSE AS	
I	6	1	287-0528	1	HOSE AS	
I	7	1	291-6076	2	HOSE AS	
C	8	1	299-9605	1	MANIFOLD	
C	9	1	299-9606	1	PLATE AS	
C	10	1	300-2138	1	HOSE AS	
C	11	1	300-2139	1	HOSE AS	
	12	2	030-7937	4	CONNECTOR-PORT	
	13	1	118-4728	1	ELBOW	
	14	2	0L-1351	1	BOLT (3/8-16X0.875-IN)	
	15	1	0S-0509	2	BOLT (3/8-16X0.75-IN)	
	16	2	0S-1588	2	BOLT (3/8-16X1.25-IN)	
C	17	2	0S-1590	1	BOLT (3/8-16X2-IN)	
C	18	1	0S-1619	2	BOLT (3/8-16X3-IN)	
	19	1	136-7227	1	SEAL-O-RING	
C	20	1	164-6867	2	CONNECTOR AS	
					(EACH INCLUDES)	
		1	2R-6806	1	CONNECTOR-O-RING	
		1	3J-1907	1	SEAL-O-RING	
C	21	1	1B-2578	1	NUT (3/8-16-THD)	
	22	2	1S-6420	2	CLIP	
	23	2	2P-7213	1	TEE-BULKHEAD	
C	24	1	300-7483	3	CLAMP	
C	25	1	3E-4352	2	WASHER-HARD (8.8X20.5X2.5-MM THK)	
C	26	1, 2	5M-2894	12	WASHER-HARD (10.2X18.5X2.5-MM THK)	
C	27	1	5S-0003	2	NUT (5/16-18-THD)	
	28	2	6D-4244	3	CLIP	
C	29	2	6V-5049	4	SEAL-O-RING	
	30	2	6V-8801	1	NUT (3/8-16-THD)	
	31	1	6V-9003	1	ELBOW	
	32	2	7F-2050	1	LOCKNUT (3/4-16-THD)	
	33	1	8L-2786	1	SEAL-O-RING	
	34	2	8M-0547	1	ELBOW-FLARED (SWIVEL)	
	35	1, 2	8S-0948	5	CLIP	
C	36	1	8S-9191	3	BOLT (3/8-16X4-IN)	
	37	2	8T-2502	1	BOLT (3/8-16X1.125-IN)	
C	38	1	9M-1974	2	WASHER-HARD (8.8X16X2-MM THK)	
C	39	1	9S-8752	2	NUT-FULL (3/8-16-THD)	
C	40	1	9X-6458	4	WASHER-HARD (10.2X22.5X3-MM THK)	

C-CHANGE FROM PREVIOUS TYPE

I-REFER TO HYDRAULIC INFORMATION SYSTEM

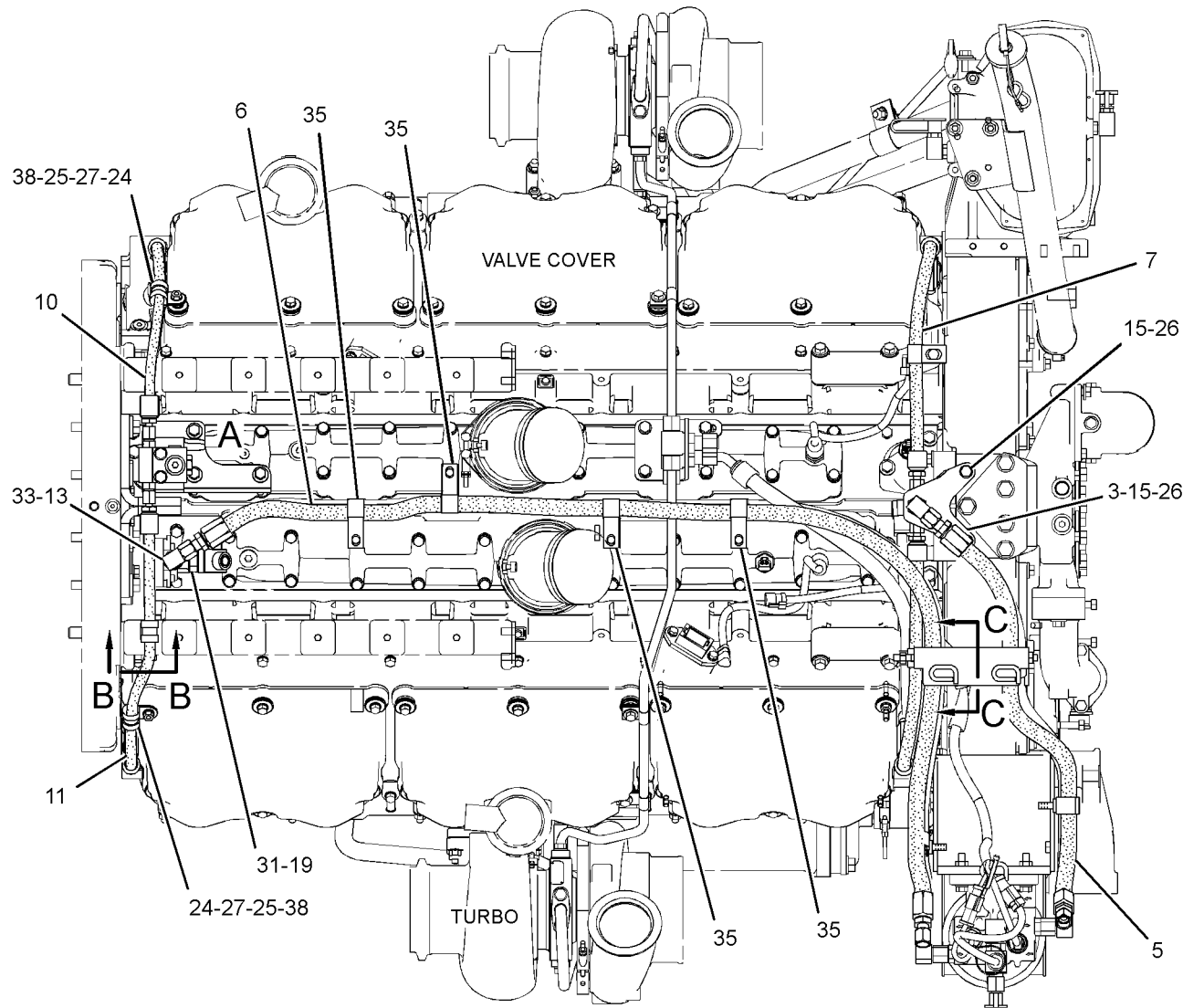
Y-SEPARATE ILLUSTRATION

FUEL SYSTEM

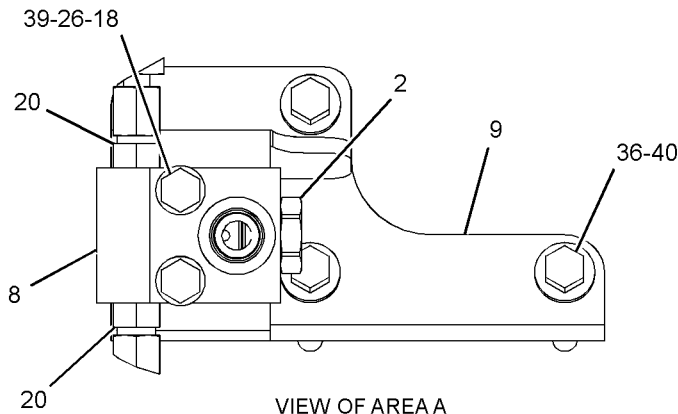
282-5926 LINES GP-FUEL FILTER (contd.)

i02643211

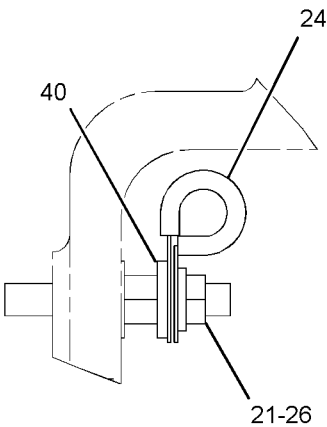
REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



TOP VIEW OF ENGINE



VIEW OF AREA A



SECTION B-B

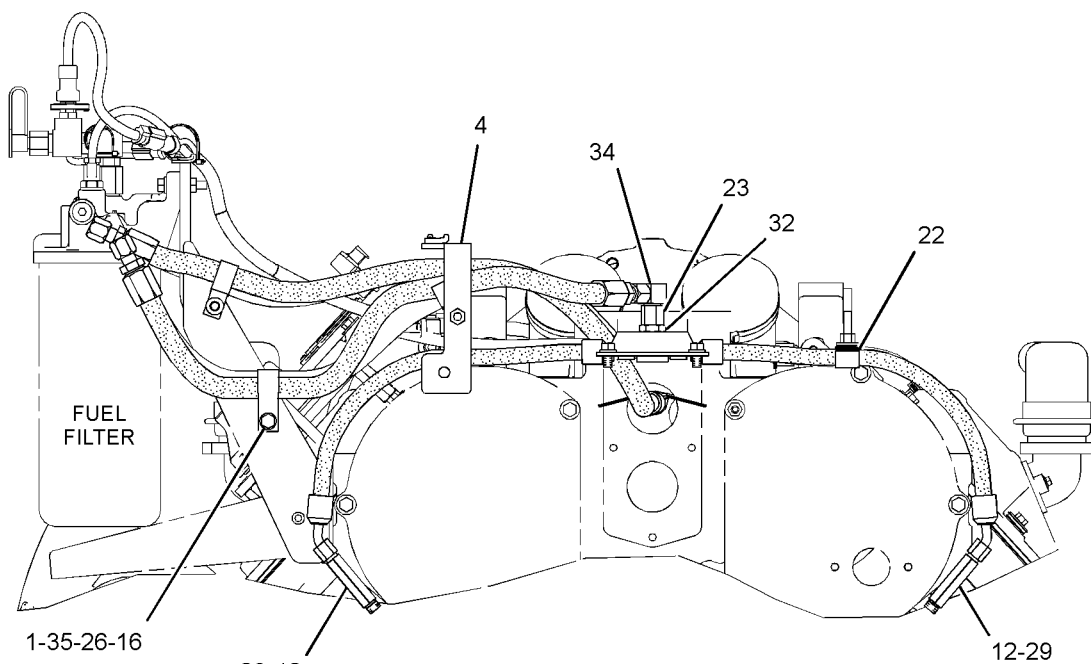
GRAPHIC #1

g01342392

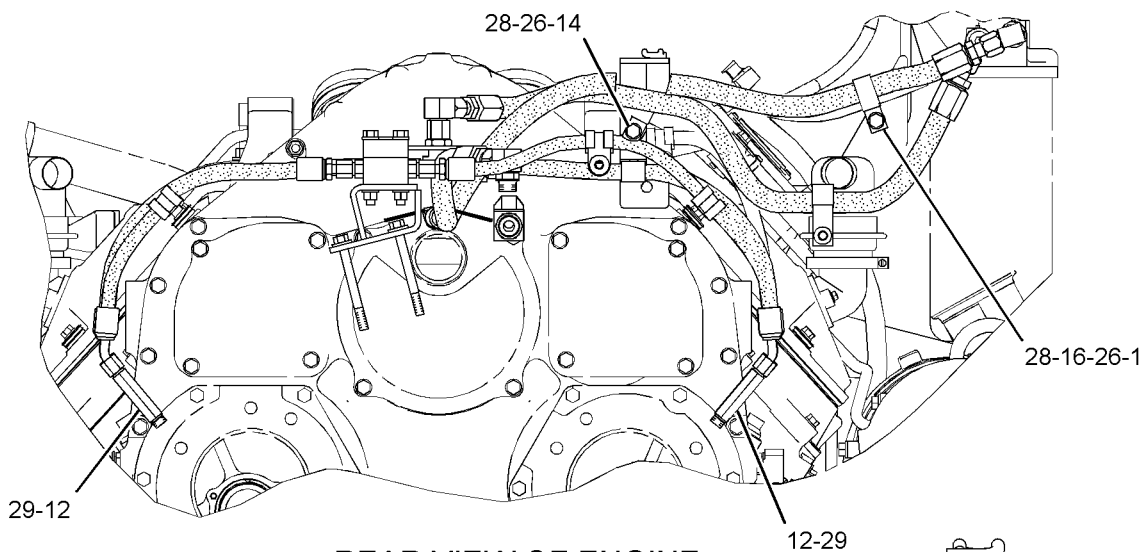
FUEL SYSTEM

282-5926 LINES GP-FUEL FILTER (contd.)

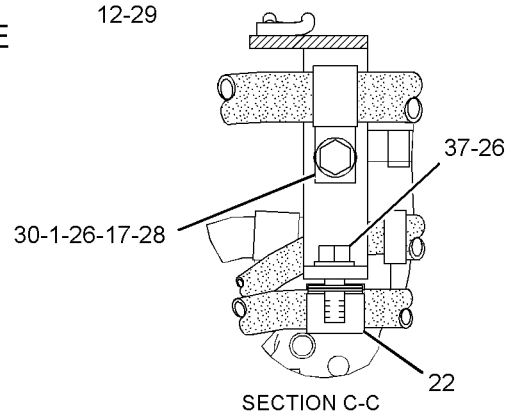
i02643211



FRONT VIEW OF ENGINE



REAR VIEW OF ENGINE



GRAPHIC #2

<END>

g01342393

FUEL SYSTEM

282-5926 LINES GP-FUEL FILTER

S/N: EHX3216-3718

PART OF 271-2219, 271-2220 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1261, 1274

i02643255

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	1	2	090-8635	2	SPACER (11X22X5-MM THK)						299
C	2	1	127-5447	1	SPACER (10.5X20X12-MM THK)						
C	3	1	172-0197	1	SPACER (10.5X20X5.29-MM THK)						
Y	4	1	228-7381	1	VALVE GP-CHECK (FUEL)						
	5	1	236-4185	1	PLATE						
	6	2	274-9566	1	BRACKET AS						
		2	1F-0750	1	NUT-WELD (3/8-16-THD)						
I	7	1	274-9569	1	HOSE AS						
I	8	1	287-0528	1	HOSE AS						
	9	1	299-9605	1	MANIFOLD						
	10	1	299-9606	1	PLATE AS						
CI	11	1	304-1247	1	HOSE AS						
CI	12	2	304-1248	1	HOSE AS						
CI	13	1	304-3587	2	HOSE AS						
C	14	2	304-3588	1	BRACKET						
	15	2	030-7937	4	CONNECTOR-PORT						
	16	1	118-4728	1	ELBOW						
	17	1	0S-0509	2	BOLT (3/8-16X0.75-IN)						
	18	2	0S-1588	2	BOLT (3/8-16X1.25-IN)						
	19	1	0S-1590	1	BOLT (3/8-16X2-IN)						
C	20	2	0S-1594	1	BOLT (3/8-16X1-IN)						
	21	1	0S-1619	2	BOLT (3/8-16X3-IN)						
	22	1	136-7227	1	SEAL-O-RING						
C	23	1, 2	214-7568	6	SEAL-O-RING						
	24	2	2P-7213	1	TEE-BULKHEAD						
C	25	1	2R-6806	2	CONNECTOR-O-RING						
C	26	1	3S-1546	1	NUT-FULL (7/16-14-THD)						
C	27	1, 2	5M-2894	11	WASHER-HARD (10.2X18.5X2.5-MM THK)						
C	28	1, 2	5P-7464	5	CLIP (SLOT)						
C	29	1, 2	5P-7465	5	CLIP (TAB)						
C	30	1	5P-8244	2	WASHER-HARD (12X22.5X2.5-MM THK)						
C	31	1	6D-4244	1	CLIP						
C	32	1, 2	6V-1249	5	GROMMET						
	33	1	6V-8801	1	NUT (3/8-16-THD)						
	34	1	6V-9003	1	ELBOW						
	35	2	7F-2050	1	LOCKNUT (3/4-16-THD)						
C	36	1	7V-6571	4	GROMMET						
	37	1	8L-2786	1	SEAL-O-RING						
	38	2	8M-0547	1	ELBOW-FLARED (SWIVEL)						
C	39	1	8S-0948	2	CLIP						
	40	1	8S-9191	3	BOLT (3/8-16X4-IN)						
C	41	1	8T-1889	4	CLIP (SLOT)						
C	42	1	8T-1890	4	CLIP (TAB)						
	43	1	8T-2502	1	BOLT (3/8-16X1.125-IN)						
C	44	1	8T-9382	1	BOLT (7/16-14X1.25-IN)						
	45	1	9S-8752	2	NUT-FULL (3/8-16-THD)						
C	46	1	9X-6458	3	WASHER-HARD (10.2X22.5X3-MM THK)						

C-CHANGE FROM PREVIOUS TYPE

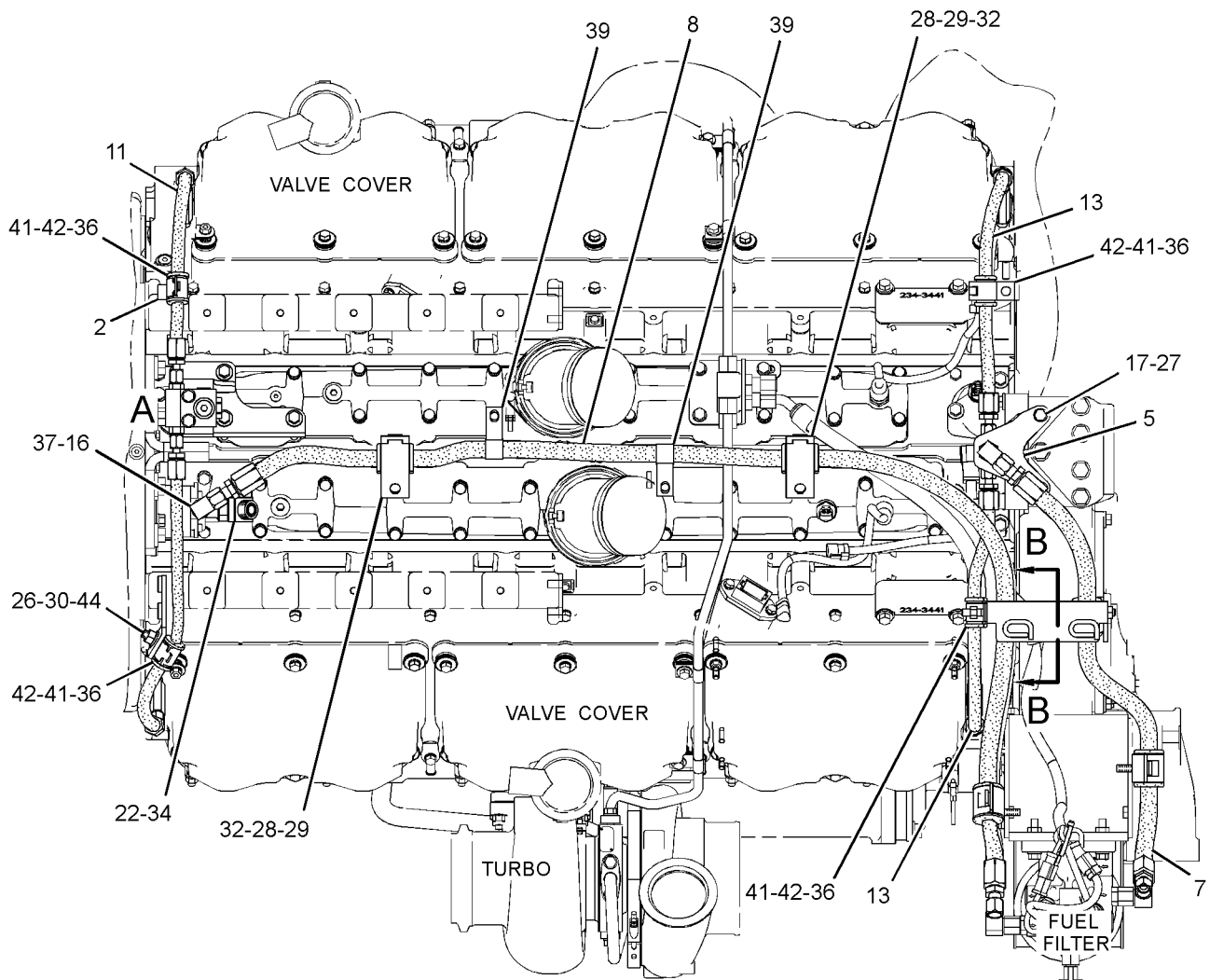
I-REFER TO HYDRAULIC INFORMATION SYSTEM

Y-SEPARATE ILLUSTRATION

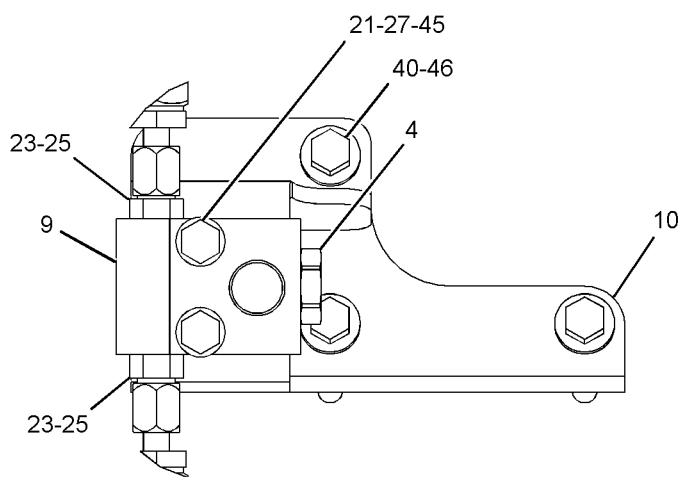
FUEL SYSTEM

282-5926 LINES GP-FUEL FILTER (contd.)

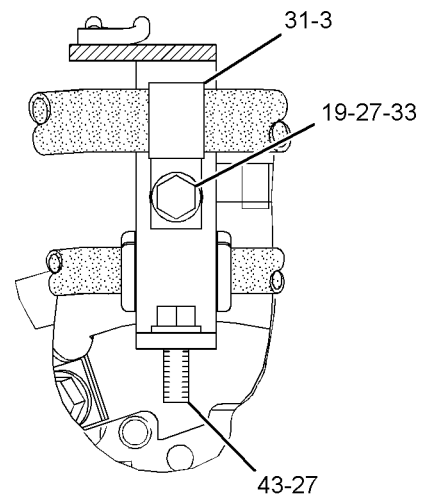
i02643255



TOP VIEW OF ENGINE



VIEW OF AREA A



SECTION B-B

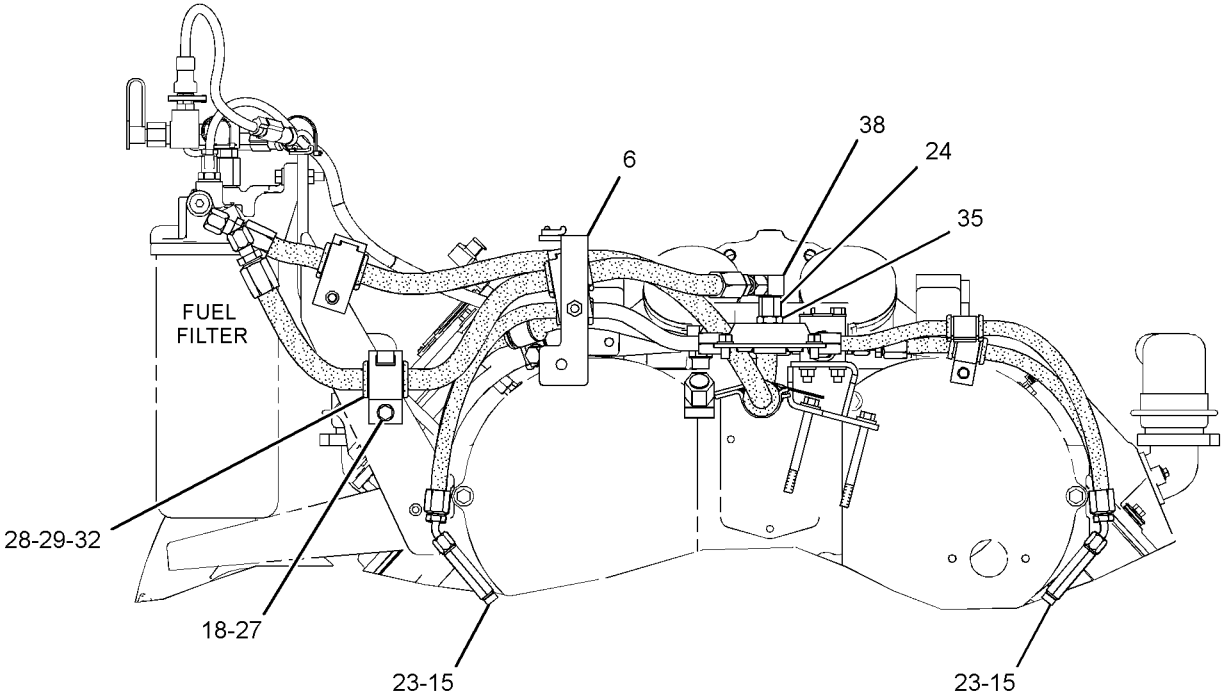
GRAPHIC #1

g01342048

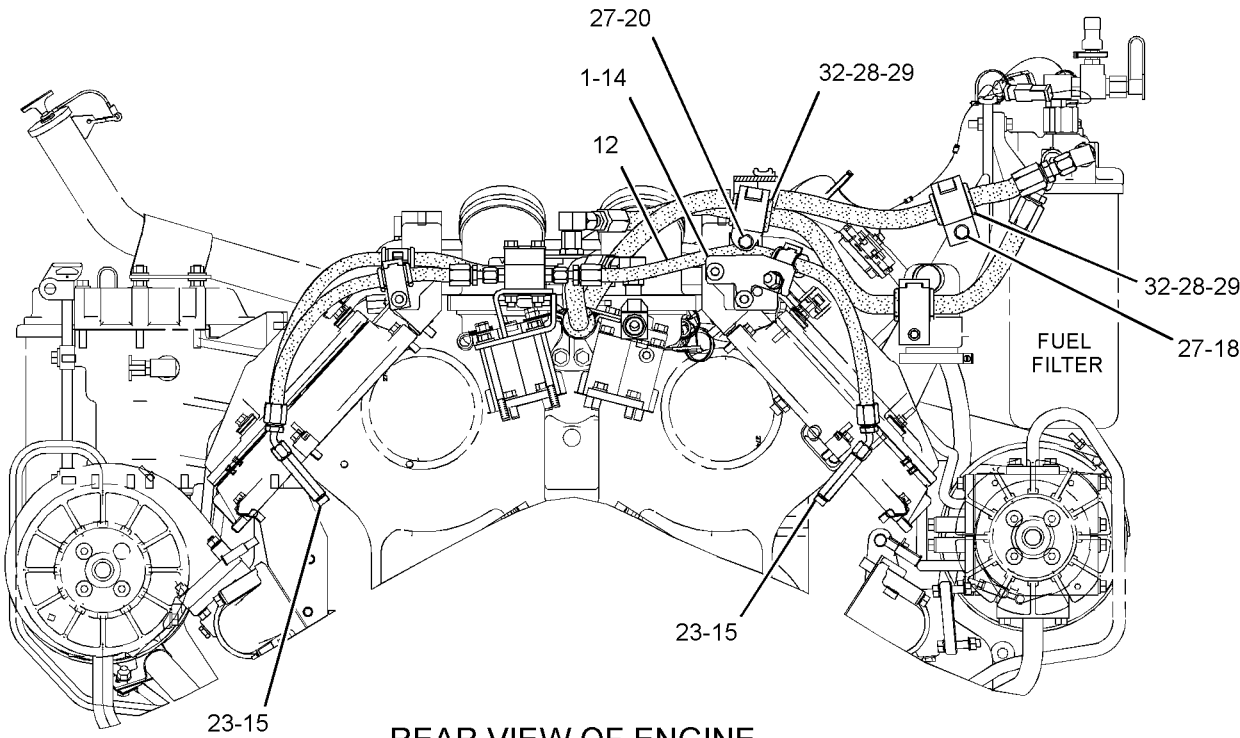
FUEL SYSTEM

282-5926 LINES GP-FUEL FILTER (contd.)

i02643255



FRONT VIEW OF ENGINE



REAR VIEW OF ENGINE

GRAPHIC #2

<END>

g01342043

FUEL SYSTEM

282-5926 LINES GP-FUEL FILTER

S/N: EHX3719-4528

PART OF 271-2219, 271-2220 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1261, 1274

i03103205

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	2	4S-5719	1	SPACER (10.31X25X12.7-MM THK)	
C	2	2	6L-2479	1	BRACE	
	3	2	7F-2050	1	LOCKNUT (3/4-16-THD)	
	4	2	090-8635	2	SPACER (11X22X5-MM THK)	
	5	1	127-5447	1	SPACER (10.5X20X12-MM THK)	
C	6	2	163-7451	1	BRACKET	
	7	1	172-0197	1	SPACER (10.5X20X5.29-MM THK)	
Y	8	1	228-7381	1	VALVE GP-CHECK (FUEL)	299
	9	1	236-4185	1	PLATE	
	10	2	274-9566	1	BRACKET AS	
		2	7T-1099	2	LINK	
I	11	1	274-9569	1	HOSE AS	
I	12	1	287-0528	1	HOSE AS	
	13	1	299-9605	1	MANIFOLD	
	14	1	299-9606	1	PLATE AS	
I	15	1	304-1247	1	HOSE AS	
I	16	2	304-1248	1	HOSE AS	
I	17	1	304-3587	2	HOSE AS	
	18	2	304-3588	1	BRACKET	
	19	2	030-7937	4	CONNECTOR-PORT	
	20	1	118-4728	1	ELBOW	
C	21	2	0L-1351	2	BOLT (3/8-16X0.875-IN)	
	22	1	0S-0509	2	BOLT (3/8-16X0.75-IN)	
C	23	2	0S-1571	1	BOLT (3/8-16X1.75-IN)	
	24	2	0S-1588	2	BOLT (3/8-16X1.25-IN)	
	25	1	0S-1590	1	BOLT (3/8-16X2-IN)	
	26	2	0S-1594	1	BOLT (3/8-16X1-IN)	
	27	1	0S-1619	2	BOLT (3/8-16X3-IN)	
	28	1	136-7227	1	SEAL-O-RING	
C	29	2	1A-2029	1	BOLT (3/8-16X1.125-IN)	
	30	1, 2	214-7568	6	SEAL-O-RING	
	31	2	2P-7213	1	TEE-BULKHEAD	
	32	1	2R-6806	2	CONNECTOR-O-RING	
	33	1	3S-1546	1	NUT-FULL (7/16-14-THD)	
C	34	1, 2	5M-2894	13	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	35	1, 2	5P-7464	5	CLIP (SLOT)	
	36	1, 2	5P-7465	5	CLIP (TAB)	
	37	1	5P-8244	2	WASHER-HARD (12X22.5X2.5-MM THK)	
	38	1	6D-4244	1	CLIP	
	39	1, 2	6V-1249	5	GROMMET	
	40	1	6V-8801	1	NUT (3/8-16-THD)	
	41	1	6V-9003	1	ELBOW	
C	42	1, 2	7V-6571	6	GROMMET	
	43	1	8L-2786	1	SEAL-O-RING	
	44	2	8M-0547	1	ELBOW-FLARED (SWIVEL)	
	45	1	8S-0948	2	CLIP	
	46	1	8S-9191	3	BOLT (3/8-16X4-IN)	
C	47	1, 2	8T-1889	6	CLIP (SLOT)	
C	48	1, 2	8T-1890	6	CLIP (TAB)	
	49	1	8T-2502	1	BOLT (3/8-16X1.125-IN)	
	50	1	8T-9382	1	BOLT (7/16-14X1.25-IN)	
C	51	1, 2	9S-8752	4	NUT-FULL (3/8-16-THD)	
C	52	1, 2	9X-6458	7	WASHER-HARD (10.2X22.5X3-MM THK)	

FUEL SYSTEM

282-5926 LINES GP-FUEL FILTER (contd.)

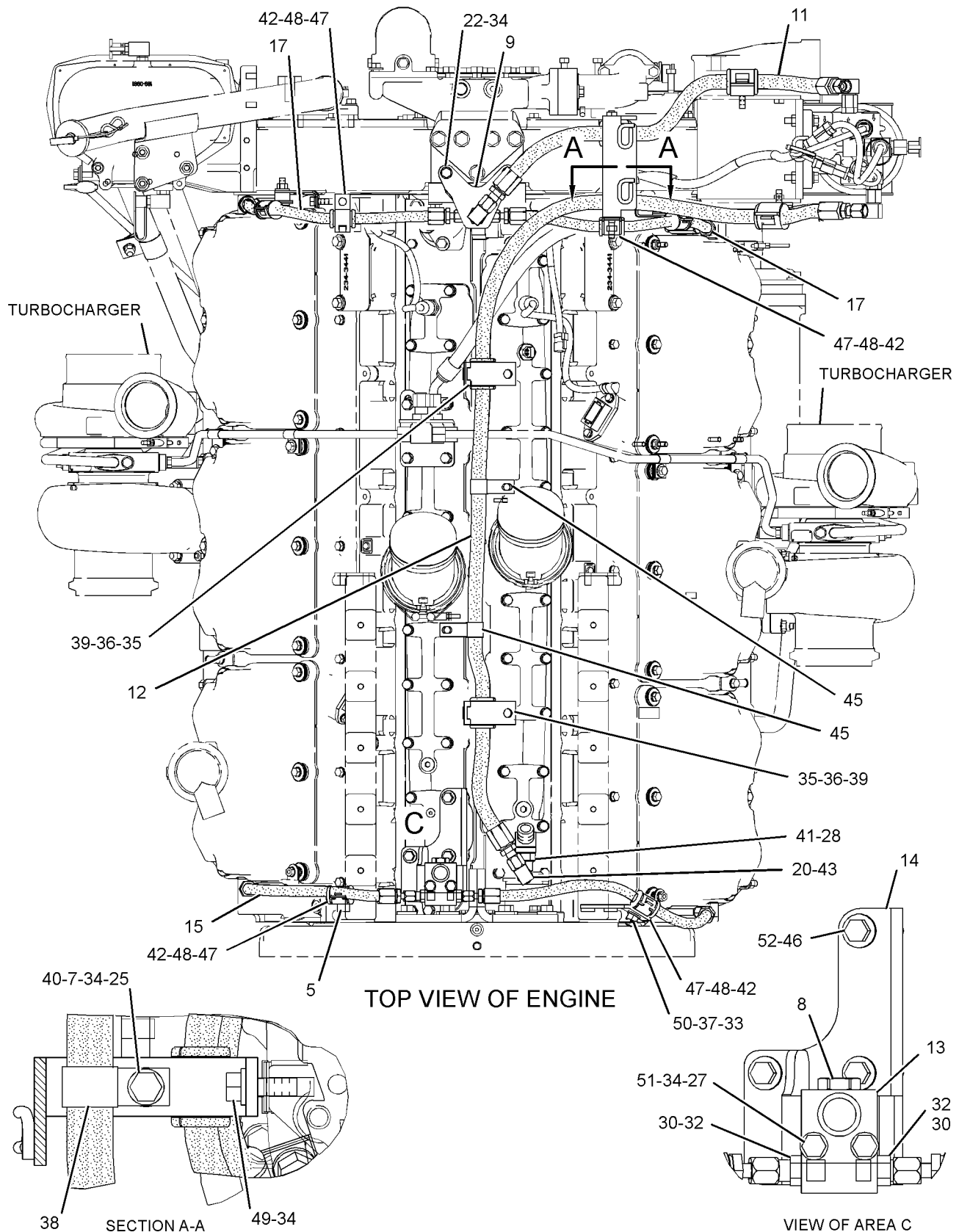
i03103205

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

FUEL SYSTEM

282-5926 LINES GP-FUEL FILTER (contd.)

i03103205



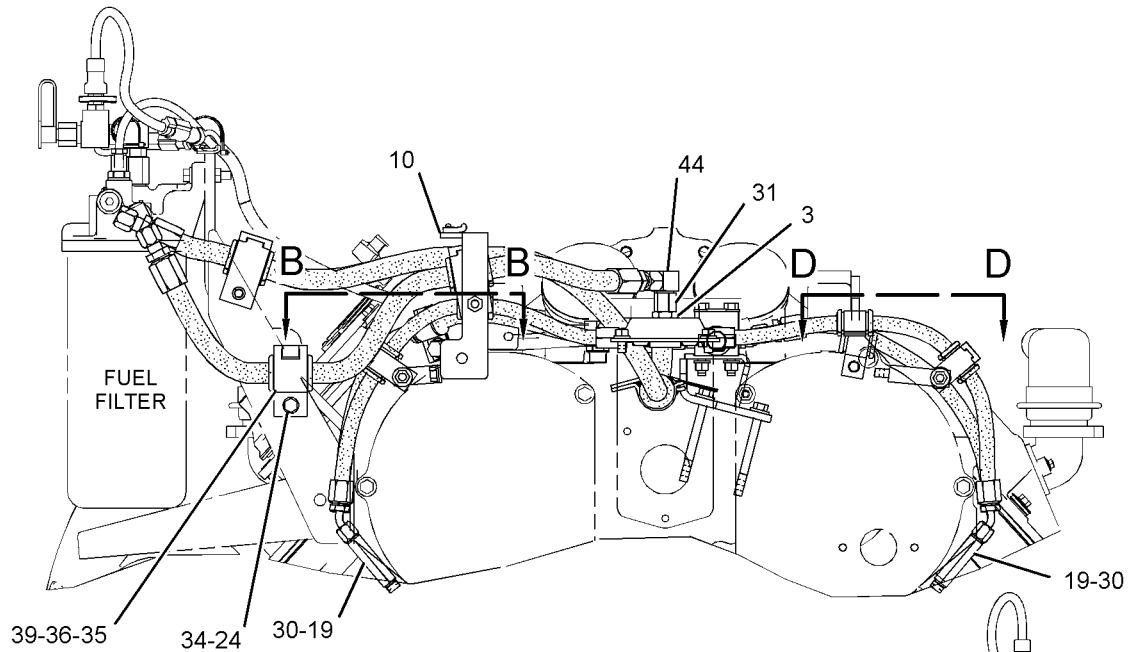
GRAPHIC #1

g01586055

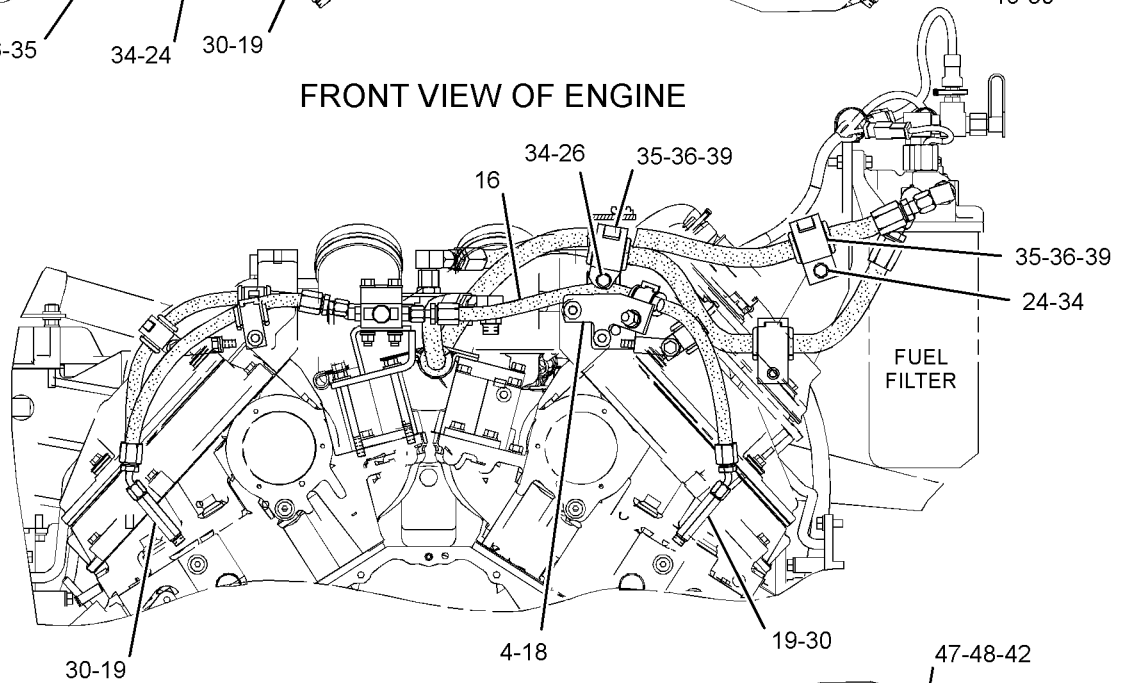
FUEL SYSTEM

282-5926 LINES GP-FUEL FILTER (contd.)

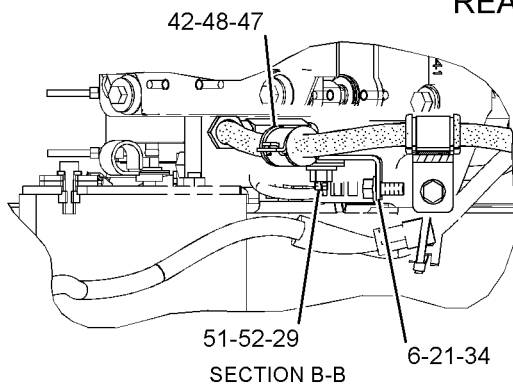
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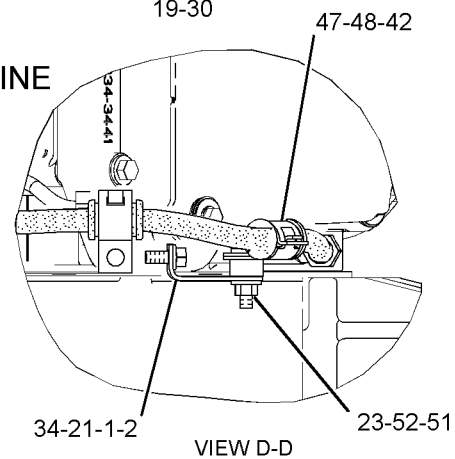
FRONT VIEW OF ENGINE



REAR VIEW OF ENGINE



SECTION B-B



VIEW D-D

GRAPHIC #2

<END>

g01586056

FUEL SYSTEM

312-5582 LINES GP-FUEL FILTER

S/N: EHX4529-UP

PART OF 271-2219, 271-2220 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1261, 1274

i03114232

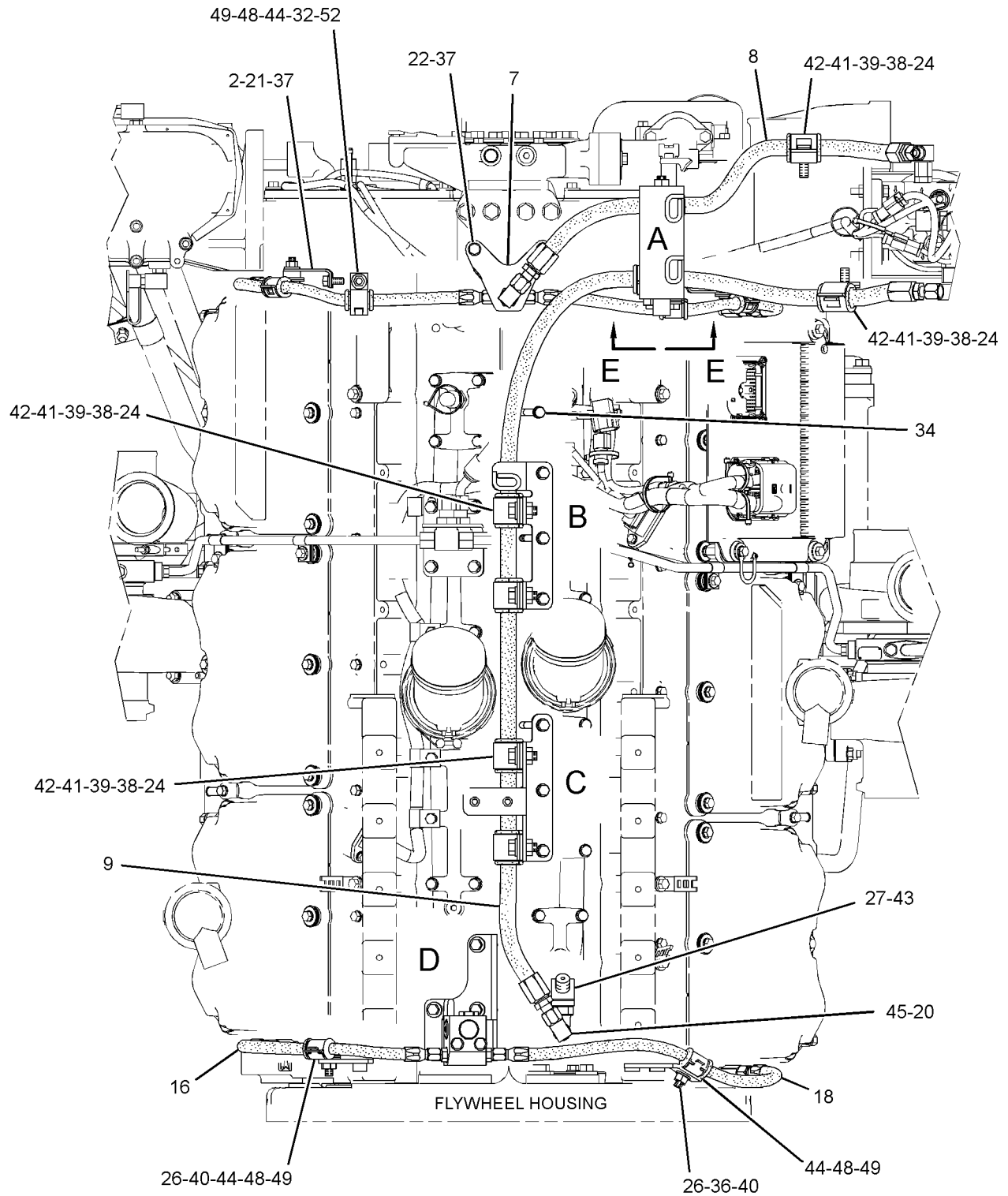
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	3	3K-1470	1	SPACER (0.4X1X0.38-IN THK)	
	2	1, 2	6L-2479	2	BRACE	
	3	3	7F-2050	1	LOCKNUT (3/4-16-THD)	
	4	3	090-8635	2	SPACER (11X22X5-MM THK)	
	5	3	127-5447	1	SPACER (10.5X20X12-MM THK)	
Y	6	2	228-7381	1	VALVE GP-CHECK (FUEL)	299
	7	1	236-4185	1	PLATE	
I	8	1	274-9569	1	HOSE AS	
I	9	1	287-0528	1	HOSE AS	
	10	2	299-9606	1	PLATE AS	
	11	3	304-3588	1	BRACKET	
	12	2	307-2928	1	BRACKET AS	
	13	2	312-5586	1	BRACKET AS	
	14	2	314-3173	1	MANIFOLD	
	15	3	314-3174	1	BRACKET AS	
I	16	1	322-7615	1	HOSE AS	
I	17	3	322-7616	2	HOSE AS	
I	18	1	322-7617	1	HOSE AS	
	19	2	326-9510	1	BRACKET AS	
	20	1	118-4728	1	ELBOW	
	21	1	0L-1351	1	BOLT (3/8-16X0.875-IN)	
	22	1	0S-0509	2	BOLT (3/8-16X0.75-IN)	
	23	3	0S-1591	1	BOLT (3/8-16X1.5-IN)	
	24	1, 2	0S-1595	8	BOLT (1/2-13X1.25-IN)	
	25	2	0S-1619	2	BOLT (3/8-16X3-IN)	
	26	1, 2	0T-0320	3	BOLT (7/16-14X1.25-IN)	
	27	1	136-7227	1	SEAL-O-RING	
	28	2	1A-2029	2	BOLT (3/8-16X1.125-IN)	
	29	2	1A-5183	6	BOLT (3/8-16X4.75-IN)	
	30	3	1P-1376	4	CONNECTOR-PORT	
	31	2, 3	214-7568	6	SEAL-O-RING	
	32	1	238-4664	1	STUD (3/8-16-THD)	
	33	3	2P-7213	1	TEE-BULKHEAD	
	34	1	2P-7557	1	BOLT (3/8-16X3.75-IN)	
	35	2	2R-6806	2	CONNECTOR-O-RING	
	36	1	3S-1546	1	NUT-FULL (7/16-14-THD)	
	37	1, 2	5M-2894	14	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	38	1, 2	5P-7464	8	CLIP (SLOT)	
	39	1, 2	5P-7465	8	CLIP (TAB)	
	40	1, 2	5P-8244	4	WASHER-HARD (12X22.5X2.5-MM THK)	
	41	1, 2	5P-8245	8	WASHER-HARD (13.5X25.5X3-MM THK)	
	42	1, 2	6V-1249	8	GROMMET	
	43	1	6V-9003	1	ELBOW	
	44	1, 2, 3	7V-6571	6	GROMMET	
	45	1, 2	8L-2786	2	SEAL-O-RING	
	46	3	8M-0547	1	ELBOW-FLARED (SWIVEL)	
	47	2	8S-9191	3	BOLT (3/8-16X4-IN)	
	48	1, 2, 3	8T-1889	6	CLIP (SLOT)	
	49	1, 2, 3	8T-1890	6	CLIP (TAB)	
	50	2	9S-8005	1	PLUG-O-RING	
	51	2, 3	9S-8752	4	NUT-FULL (3/8-16-THD)	
	52	1, 2, 3	9X-6458	8	WASHER-HARD (10.2X22.5X3-MM THK)	

I-REFER TO HYDRAULIC INFORMATION SYSTEM
Y-SEPARATE ILLUSTRATION

FUEL SYSTEM

312-5582 LINES GP-FUEL FILTER (contd.)

i03114232



TOP VIEW OF ENGINE

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

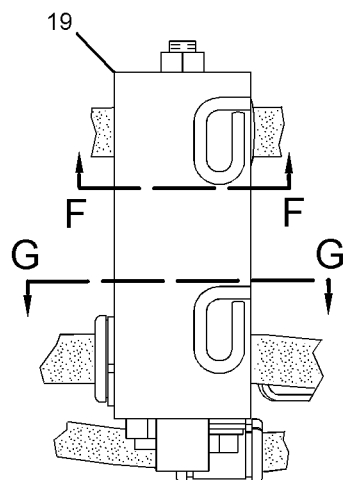
GRAPHIC #1

g01594594

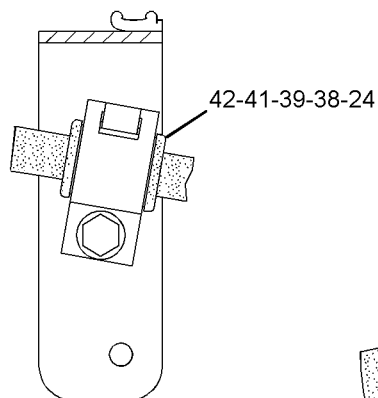
FUEL SYSTEM

312-5582 LINES GP-FUEL FILTER (contd.)

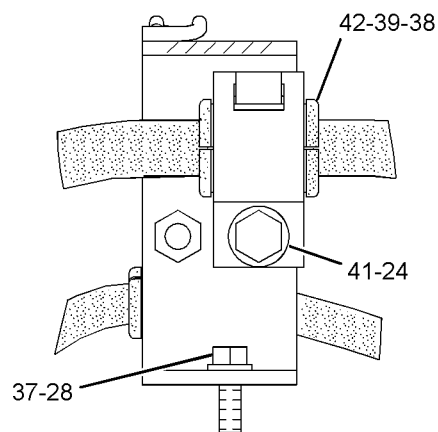
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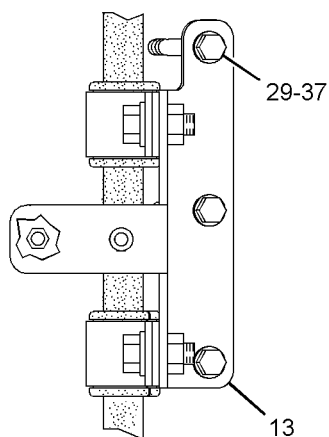
VIEW OF AREA A



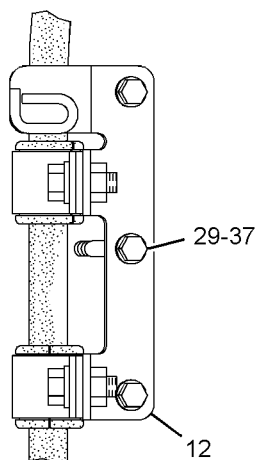
SECTION F-F



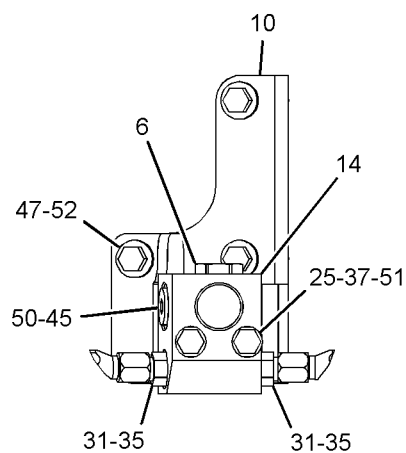
SECTION G-G



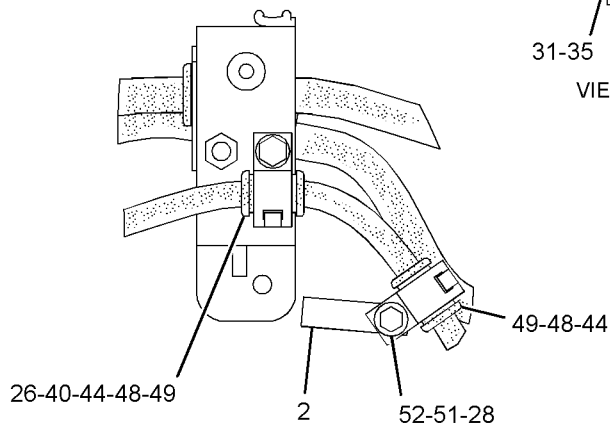
VIEW OF AREA C



VIEW OF AREA B



VIEW OF AREA D



VIEW E-E

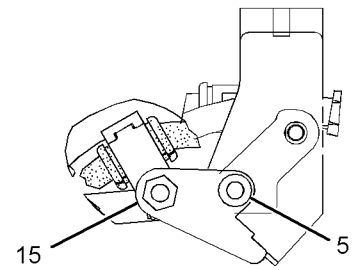
GRAPHIC #2

g01595394

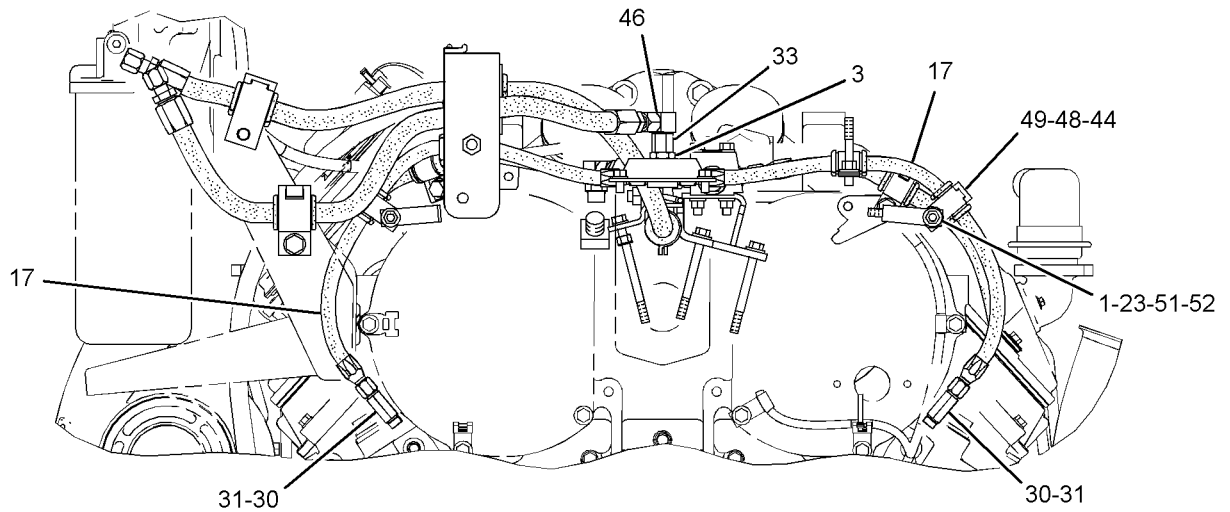
FUEL SYSTEM

312-5582 LINES GP-FUEL FILTER (contd.)

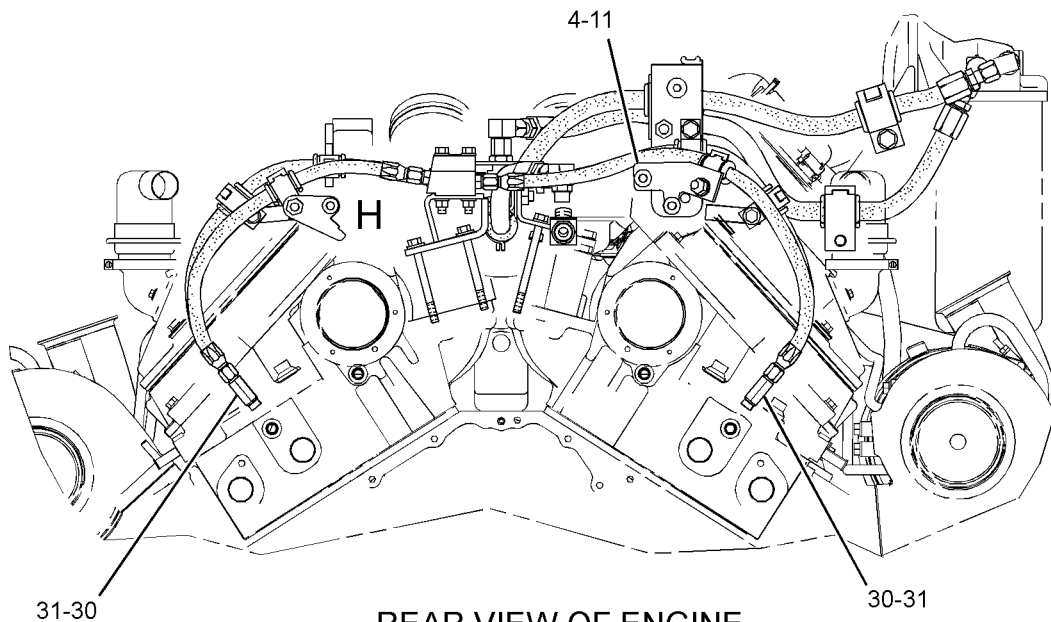
i03114232



VIEW OF AREA H



FRONT VIEW OF ENGINE



REAR VIEW OF ENGINE

GRAPHIC #3

<END>

g01595395

FUEL SYSTEM

223-6421 PUMP & MTG GP-FUEL TRANSFER

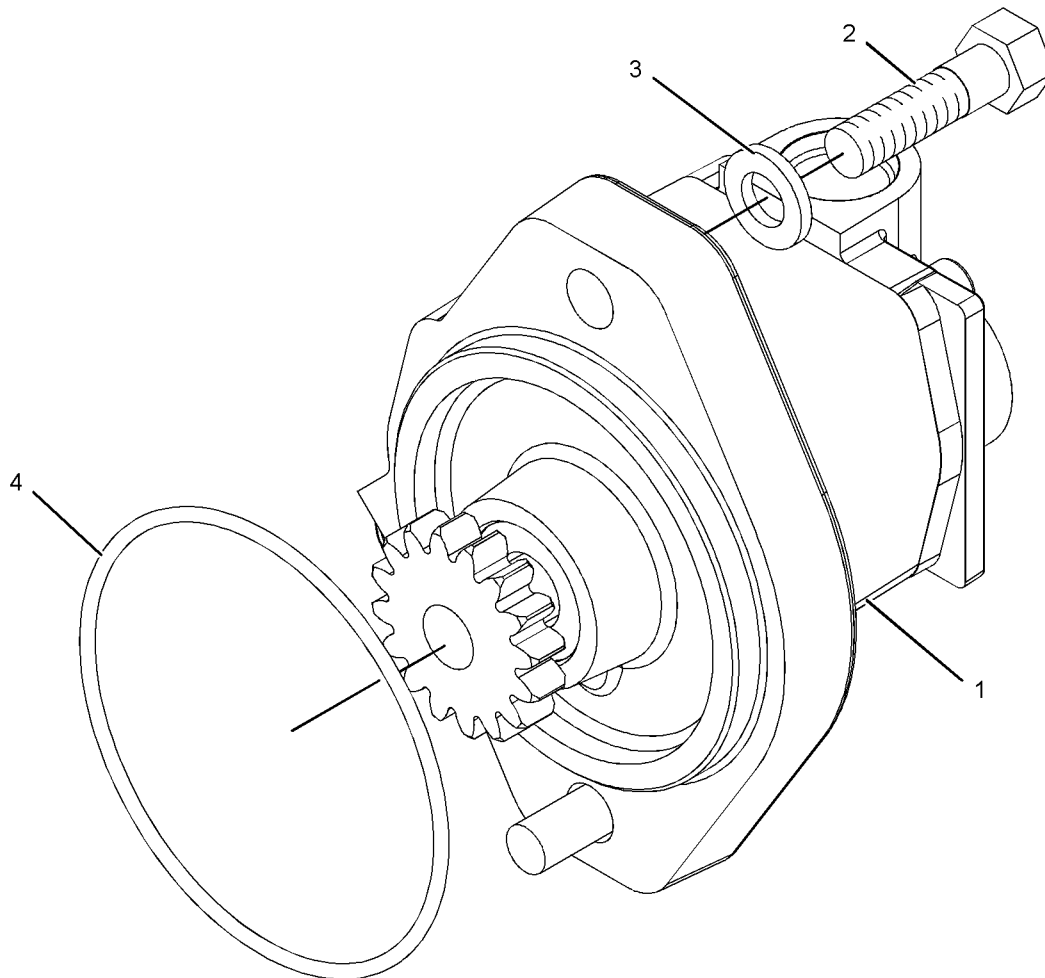
S/N: EHX1-UP

PART OF 212-2737, 212-2744, 271-2219 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1256

i02041100

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	242-5174	1	PUMP	GP-FUEL	TRANSFER				292
	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

FUEL SYSTEM

223-6421 PUMP & MTG GP-FUEL TRANSFER

S/N: EHX2581-UP

PART OF 271-2219, 271-2220 ENGINE AR-COMPLETE

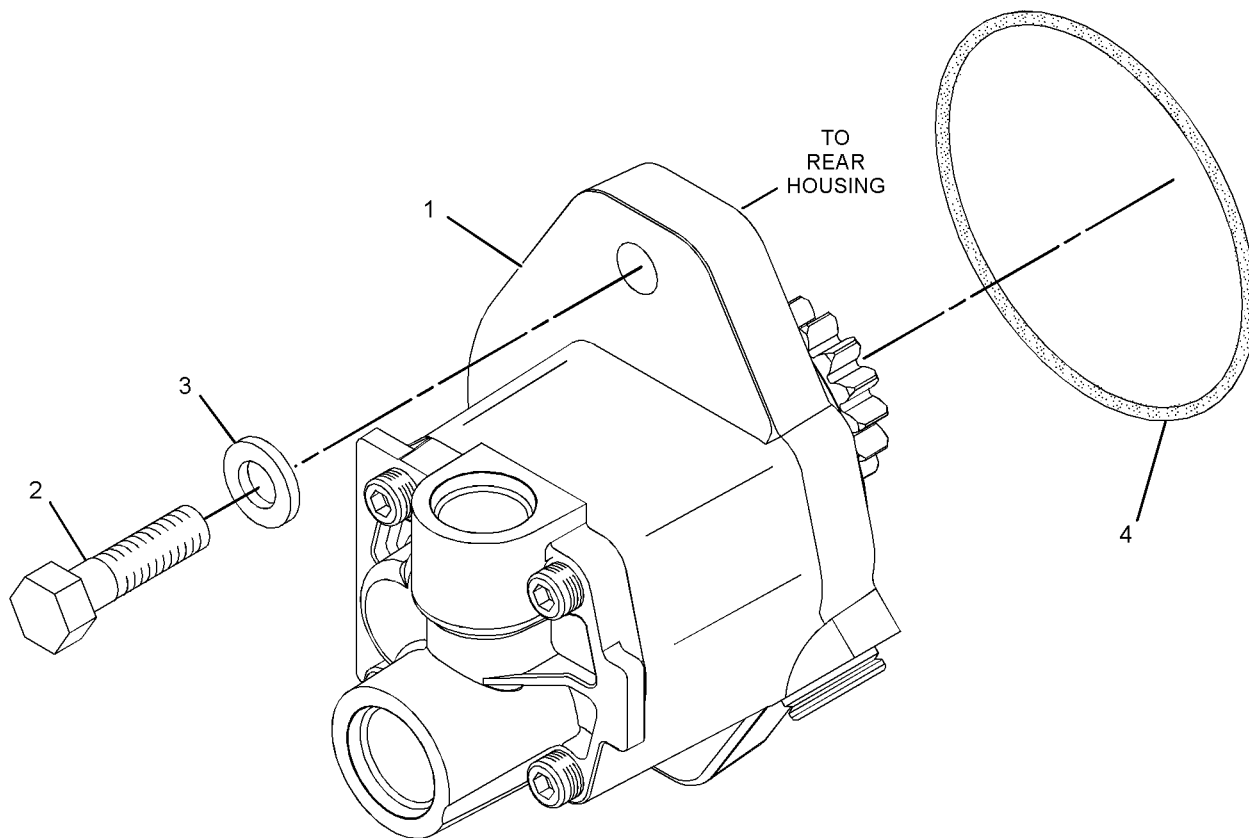
ALSO AN ATTACHMENT

SMCS-1256

i02504910

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
CY	1	1	286-2531	1	PUMP GP-FUEL TRANSFER						293
	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
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01265412

FUEL SYSTEM

238-0489 PUMP GP-FUEL INJECTION

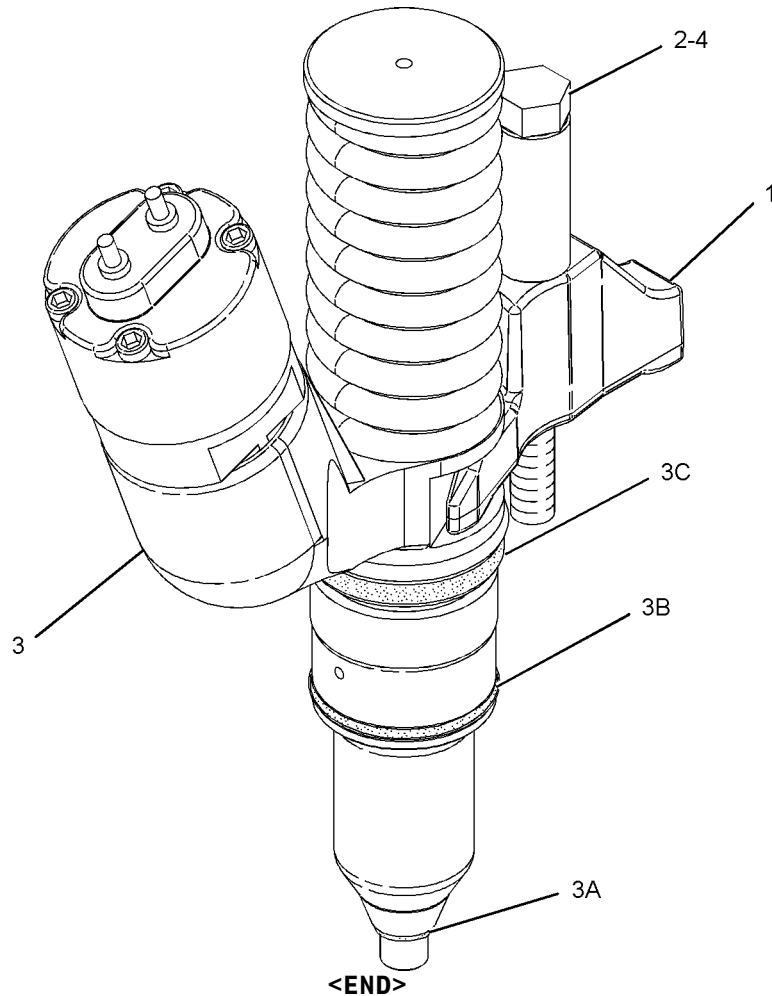
S/N: EHX1-UP

PART OF 260-9527, 261-1507, 276-9586, 276-9587 ENGINE AR-CORE
ALSO AN ATTACHMENT

SMCS-1251, 1290

i02234565

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	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						
	3A	1	9X-7317	1	SEAL-O-RING						
	3B	1	230-3728	1	SEAL-O-RING						
	3C	1	230-3775	1	SEAL-O-RING						
	4	1	8S-9191	1	BOLT (3/8-16X4-IN)						
R-REMFG PART MAY BE AVAILABLE											



GRAPHIC #1

<END>

g01051246

FUEL SYSTEM

217-8342 PUMP GP-FUEL PRM & SEC FILTER

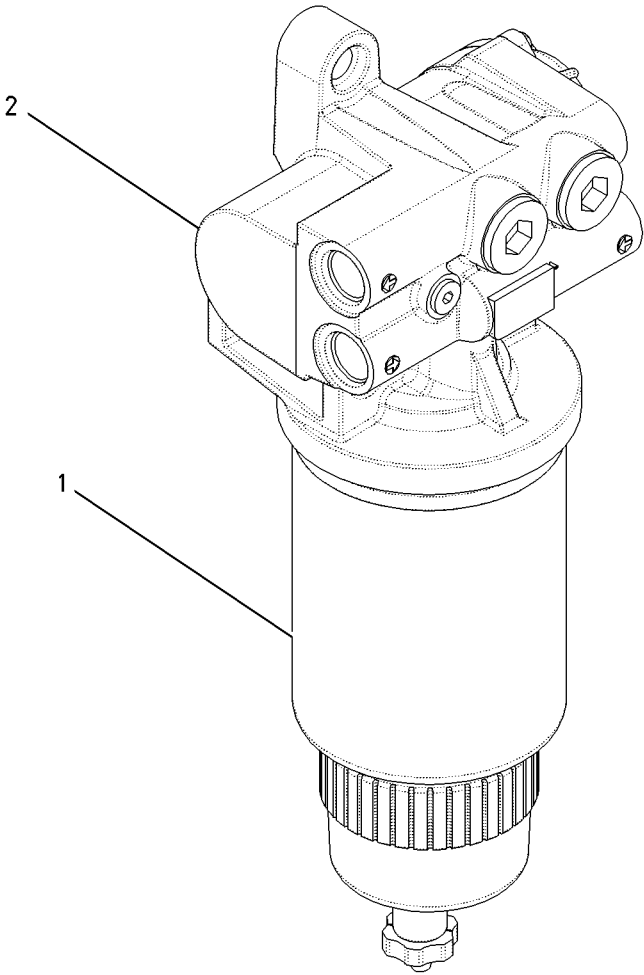
S/N: RJG1-UP

PART OF 213-0047 FILTER & LINES GP-FUEL

SMCS-1258, 1261

i02840212

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	212-9580	1	FILTER GP-WATER SEP & FUEL	264
	2	1	217-8339	1	BASE AS-FUEL FILTER	
Y-SEPARATE ILLUSTRATION						



GRAPHIC #1

<END>

g00929334

FUEL SYSTEM

242-5174 PUMP GP-FUEL TRANSFER

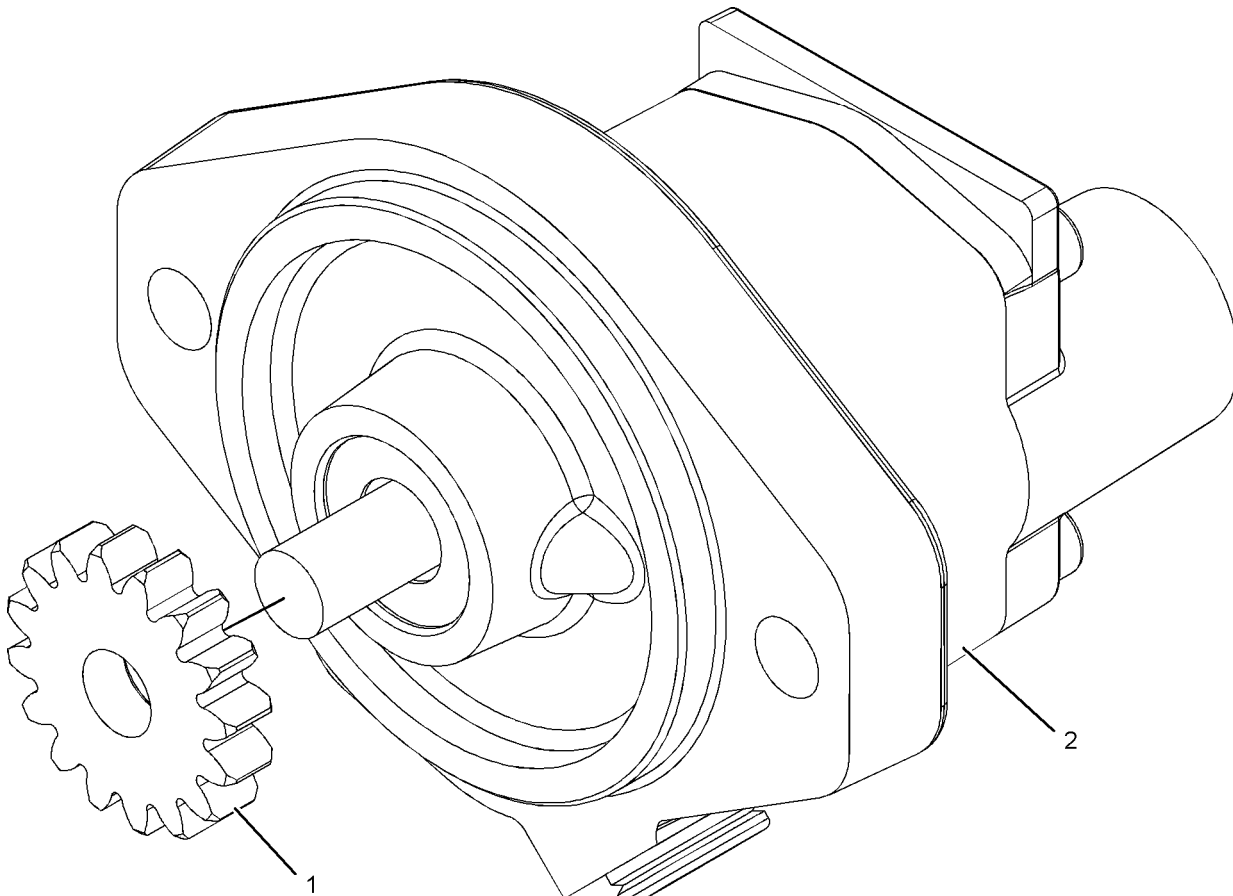
S/N: EHX1-UP

PART OF 223-6421 PUMP & MTG GP-FUEL TRANSFER
ALSO AN ATTACHMENT

SMCS-1256

i02171685

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



GRAPHIC #1

<END>

g01051149

FUEL SYSTEM

286-2531 PUMP GP-FUEL TRANSFER

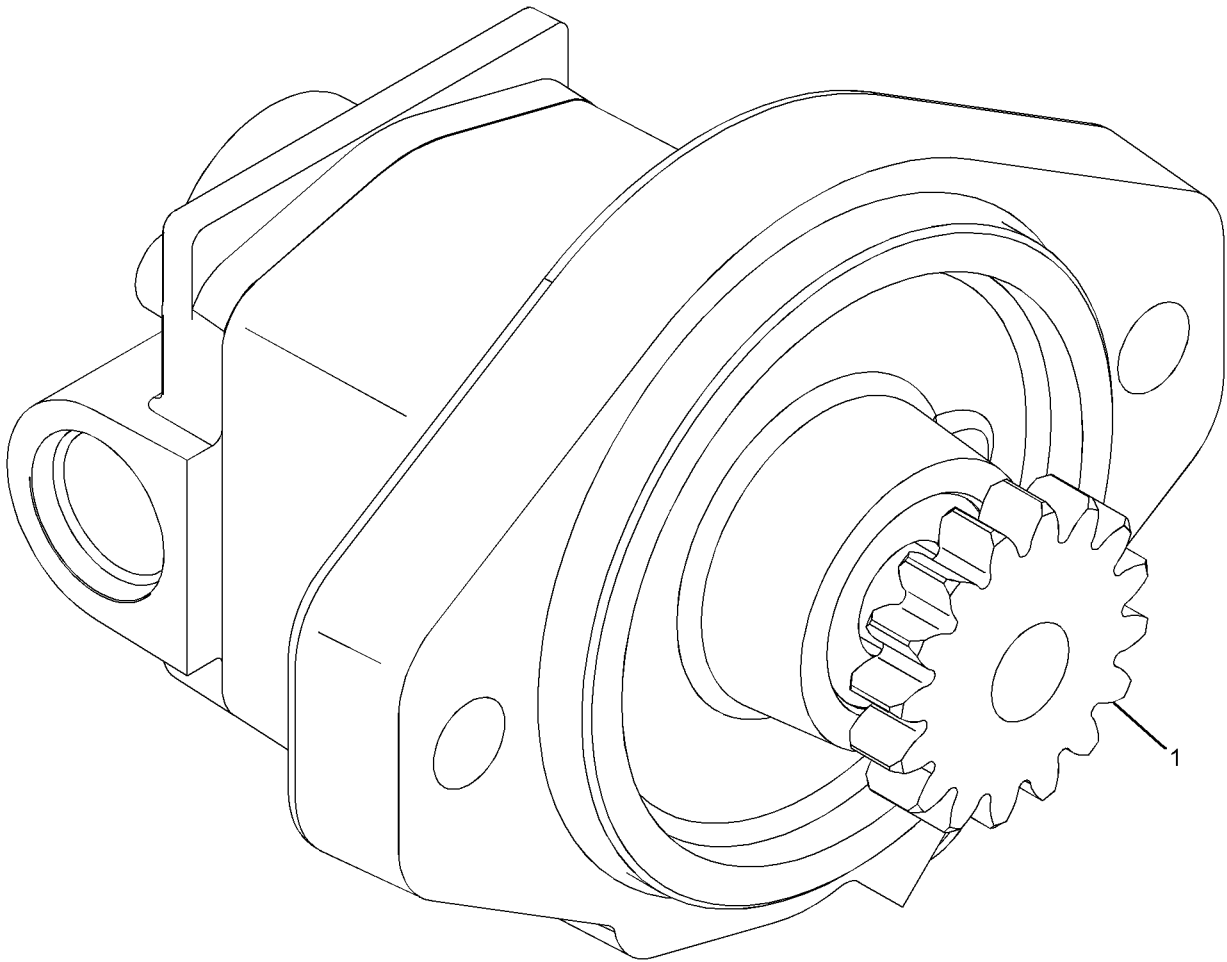
S/N: EHX1-UP

PART OF 223-6421 PUMP & MTG GP-FUEL TRANSFER
ALSO AN ATTACHMENT

SMCS-1256

i02515758

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



GRAPHIC #1

<END>

g01258987

FUEL SYSTEM

209-6934 TANK GP-FUEL

S/N: RJG1-UP

1207-L (319-US GAL)

PART OF 212-2741 CHASSIS AR

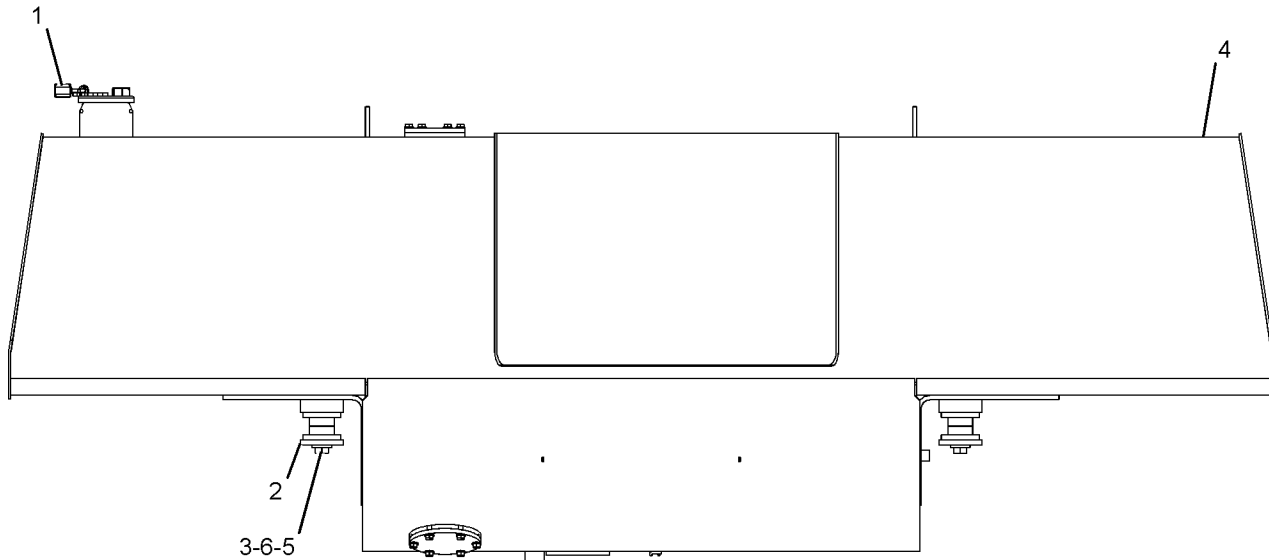
SMCS-1273

i02789917

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	246-2641	1	PADLOCK GP						
		1	5P-8500	1	KEY						
	2	1	6T-6080	8	MOUNT-RUBBER						
	3	1	8T-5439	4	WASHER-HARD (21.5X45X6-MM THK)						
Y	4	1	209-6935	1	TANK GP-FUEL						295
	5	1	3A-4703	4	WASHER (23X100X12-MM THK)						
M	6	1	7X-2566	4	BOLT (M20X2.5X110-MM)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



REAR VIEW
<END>

GRAPHIC #1

g01050763

FUEL SYSTEM

209-6935 TANK GP-FUEL

S/N: RJG1-UP

1207-L (319-US GAL)

PART OF 209-6934 TANK GP-FUEL

SMCS-1273

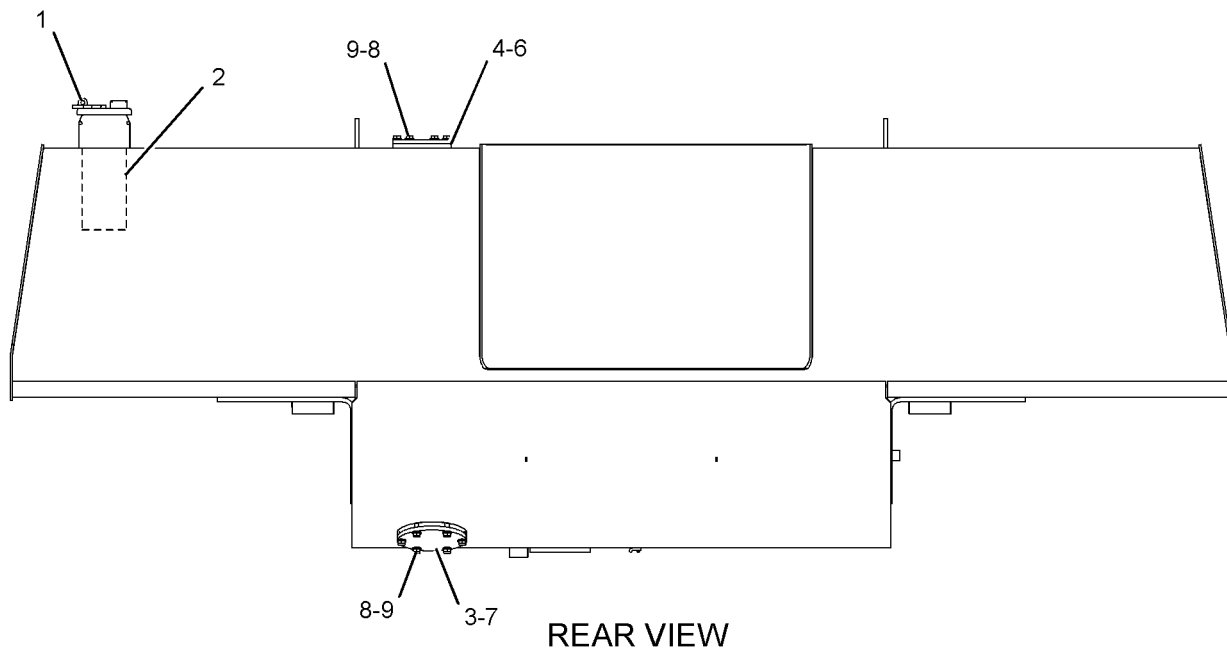
i02789918

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	7X-7700	1	CAP AS-FILLER (FUEL TANK)	
		1	9X-2205	1	KIT-CAP FILTER (FUEL TANK)	
					(INCLUDES FILTER AS, GASKETS, VALVE & SCREWS)	
		1	9X-8600	1	SEAL-O-RING	
2	1		9P-7121	1	STRAINER-FUEL (TANK)	
3	1		164-3417	1	COVER	
4	1		187-1679	1	COVER	
6	1		1H-8128	1	SEAL-O-RING	
7	1		5H-6734	1	SEAL-O-RING	
8	1		8T-4121	12	WASHER-HARD (11X21X2.5-MM THK)	
M	9	1	8T-4136	12	BOLT (M10X1.5X25-MM)	
M-METRIC PART						

FUEL SYSTEM

209-6935 TANK GP-FUEL (contd.)

i02789918



GRAPHIC #1

<END>

g01136194

FUEL SYSTEM

259-8227 TANK GP-FUEL

S/N: RJG1-UP

PART OF 260-0645 HEATER GP-JACKET WATER
AN ATTACHMENT

SMCS-1273

i03531722

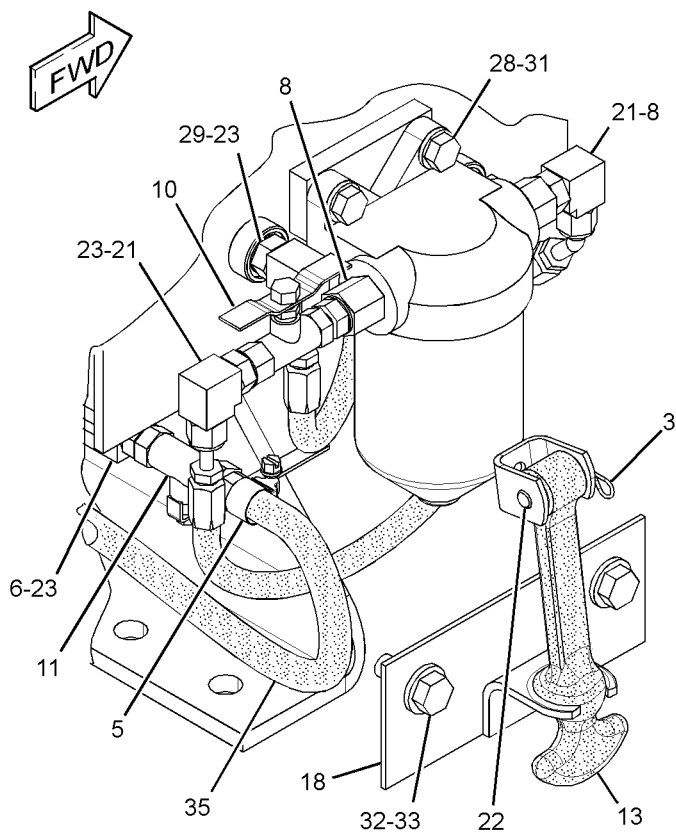
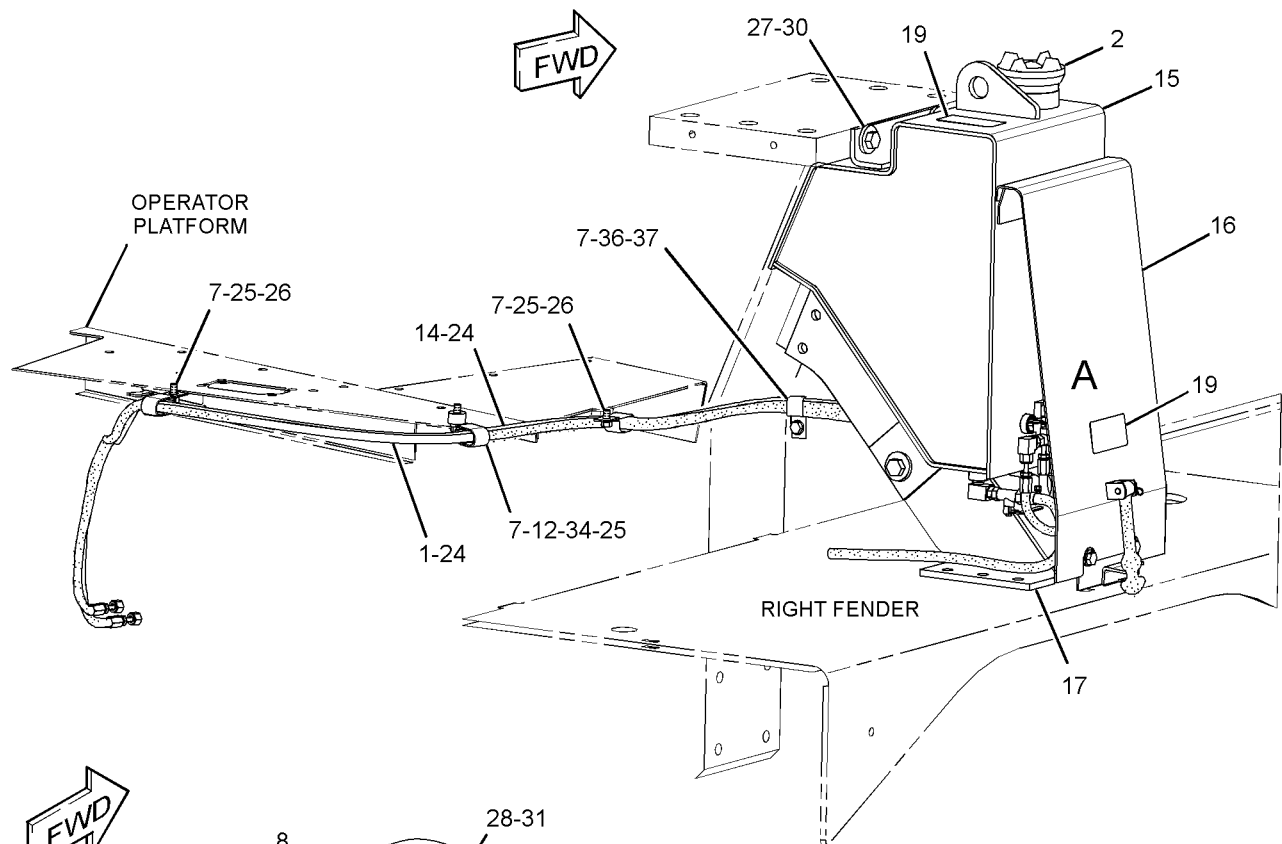
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	1Q-2195	1	HOSE AS						
	2	1	1Q-3828	1	GAUGE & CAP AS (FUEL TANK)						
	3	1	3B-4605	1	PIN-COTTER						
	4	1	5P-1046	1	CONNECTOR						
	5	1	5P-4961	1	CLAMP-HOSE						
	6	1	6V-0484	1	ADAPTER-O-RING						
	7	1	6K-5967	5	CLIP						
	8	1	8C-4985	2	ADAPTER						
Y	9	1	8H-4681	1	FILTER GP-PRIMARY FUEL						258
	10	1	8T-0080	1	VALVE-BALL						
	11	1	8T-6907	1	VALVE AS-SHUTOFF (FUEL)						
	12	1	9G-8140	1	SPACER (10.5X25X15-MM THK)						
	13	1	9M-3835	1	LATCH-RUBBER						
I	14	1	132-2012	1	HOSE AS						
	15	1	259-8219	1	TANK AS-FUEL						
	16	1	259-8226	1	COVER						
	17	1	260-0640	1	PLATE						
	18	1	260-0648	1	PLATE						
	19	1	266-7678	2	FILM-WARNING (FIRE HAZARD, READ OMM)						
I	20	1	272-0326	1	HOSE AS						
	21	1	148-8368	2	ELBOW AS						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL-O-RING						
		1	4J-5477	1	SEAL-O-RING						
		1	6V-8627	1	ELBOW						
	22	1	2M-5795	1	PIN-CLEVIS						
	23	1	3J-1907	6	SEAL-O-RING						
	24	1	4J-5477	4	SEAL-O-RING						
	25	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	26	1	5M-3062	3	BOLT (3/8-16X0.75-IN)						
	27	1	5P-6652	4	WASHER (20X44.5X6-MM THK)						
M	28	1	6V-4248	2	BOLT (M10X1.5X25-MM)						
	29	1	6V-8627	2	ELBOW						
M	30	1	7X-2553	4	BOLT (M16X2X40-MM)						
	31	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
M	32	1	8T-4139	2	BOLT (M12X1.75X30-MM)						
	33	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						
	34	1	9B-7237	1	BOLT (3/8-16X1.25-IN)						
E	35	1	5P-1442		HOSE (60-CM)						
	36	1	5P-1075	1	WASHER-HARD (10.2X22.5X3-MM THK)						
	37	1	5S-7379	1	BOLT (3/8-16X0.875-IN)						

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

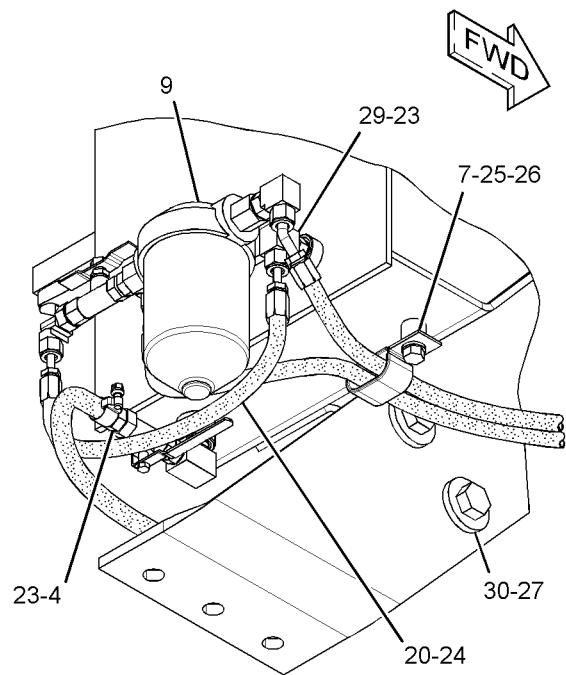
FUEL SYSTEM

259-8227 TANK GP-FUEL (contd.)

i03531722



VIEW OF AREA A
(COVER REMOVED FOR CLARITY)



(COVER AND LATCH REMOVED
FOR CLARITY)

GRAPHIC #1

<END>

g01571481

FUEL SYSTEM

228-7381 VALVE GP-CHECK-FUEL

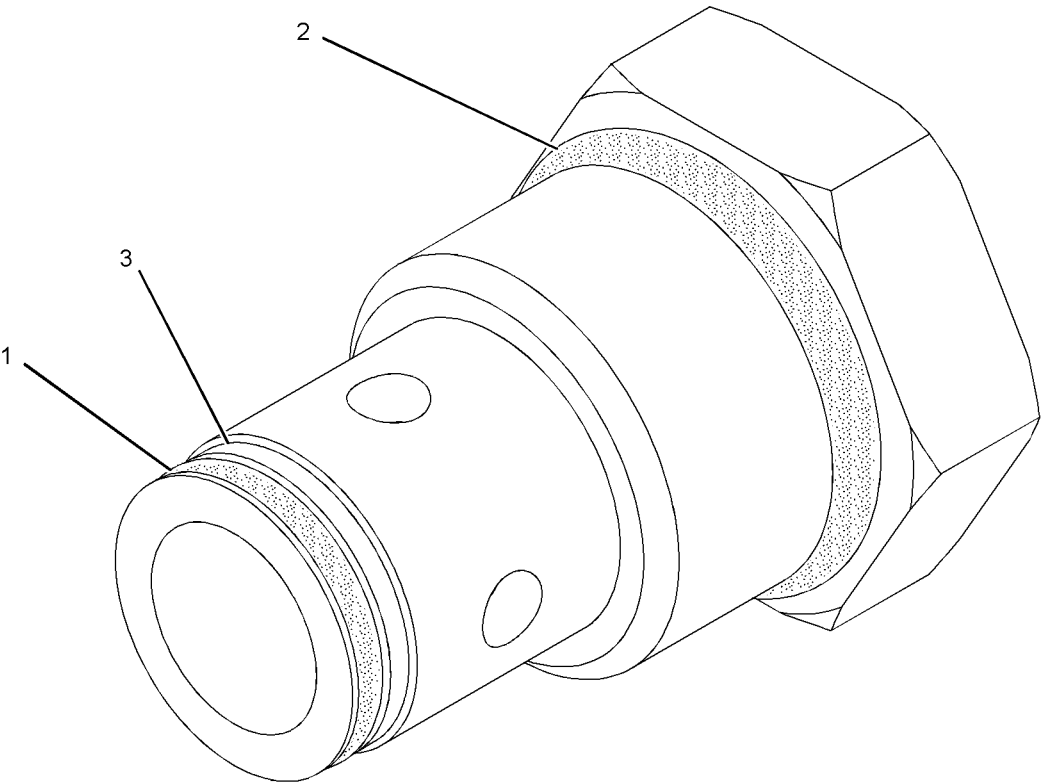
S/N: EHX1-UP

PART OF 216-0829 LINES GP-FUEL, 282-5926, 312-5582 LINES GP-FUEL FILTER
ALSO AN ATTACHMENT

SMCS-1262

i02048634

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

ELECTRICAL AND STARTING SYSTEM

3E-6328 ALARM GP-ACTION

S/N: RJG1-UP

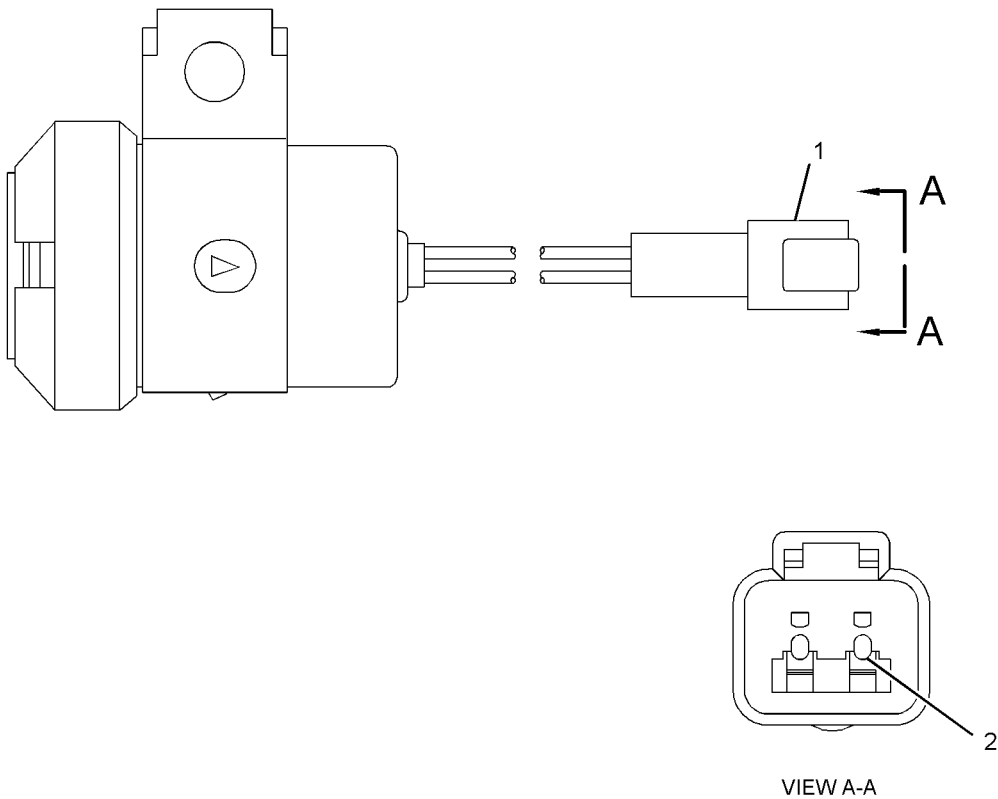
24-VOLT

PART OF 218-7063 WIRING GP-PLATFORM

SMCS-7400, 7402, 7407

i03540520

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

g01342739

ELECTRICAL AND STARTING SYSTEM

197-8820 ALTERNATOR GP-CHARGING*R

S/N: RJG1-UP

24-VOLT, 95-AMPERE

PART OF 218-4962, 239-8035, 268-7801 ALTERNATOR GP-CHARGING

ALSO AN ATTACHMENT

SMCS-1405

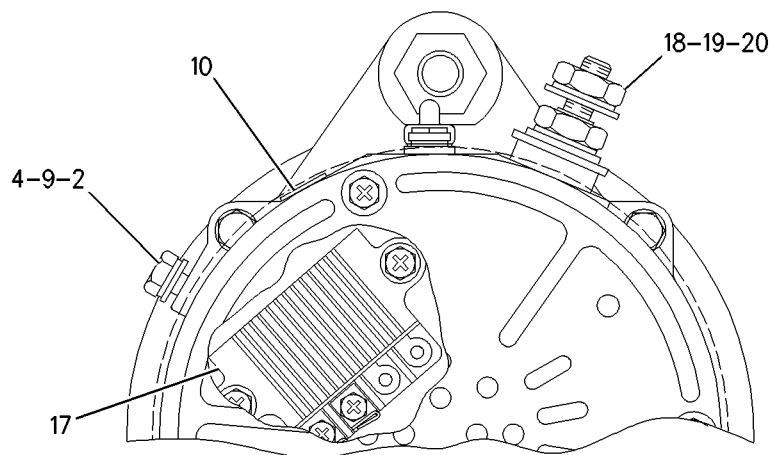
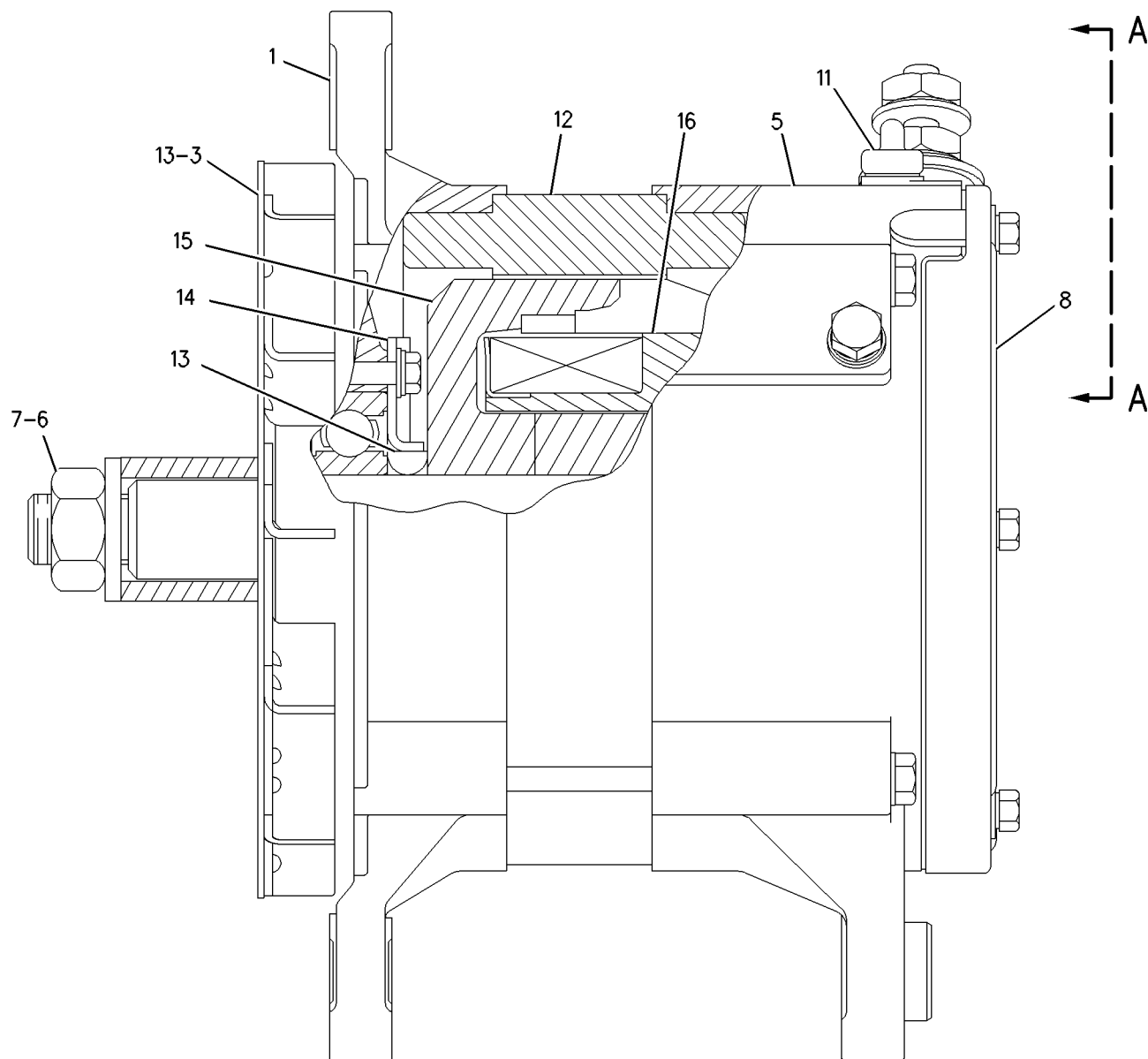
i02741069

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	185-2653	1	FRAME						
	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	185-2645	1	FRAME						
	6	1	2K-4821	1	LOCKNUT (5/8-18-THD)						
	7	1	5P-8247	1	WASHER-HARD (17X32X3.5-MM THK)						
	8	1	185-2651	1	COVER						
	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 (ALTERNATOR)						
	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 2 BEARINGS)						
			199-8436	1	KIT-TERMINAL (ALTERNATOR)						
					(INCLUDES HOLDER AS, PLATE, INSULATOR, PIN, BOLTS, GROMMET & NUT)						
			199-7891	1	KIT-TERMINAL (ALTERNATOR)						
					(INCLUDES INSULATORS, WASHERS & NUTS)						
			185-2658	1	KIT-HARDWARE (ALTERNATOR)						
					(INCLUDES BOLTS)						

ELECTRICAL AND STARTING SYSTEM

197-8820 ALTERNATOR GP-CHARGING (contd.)

i02741069



VIEW A-A

<END>

GRAPHIC #1

g00873198

ELECTRICAL AND STARTING SYSTEM

218-4962 ALTERNATOR GP-CHARGING

S/N: RJG1-UP

24-VOLT, 95-AMPERE

PART OF 212-2745, 267-2900 INSTALLATION AR-ENGINE

SMCS-1405

i03472207

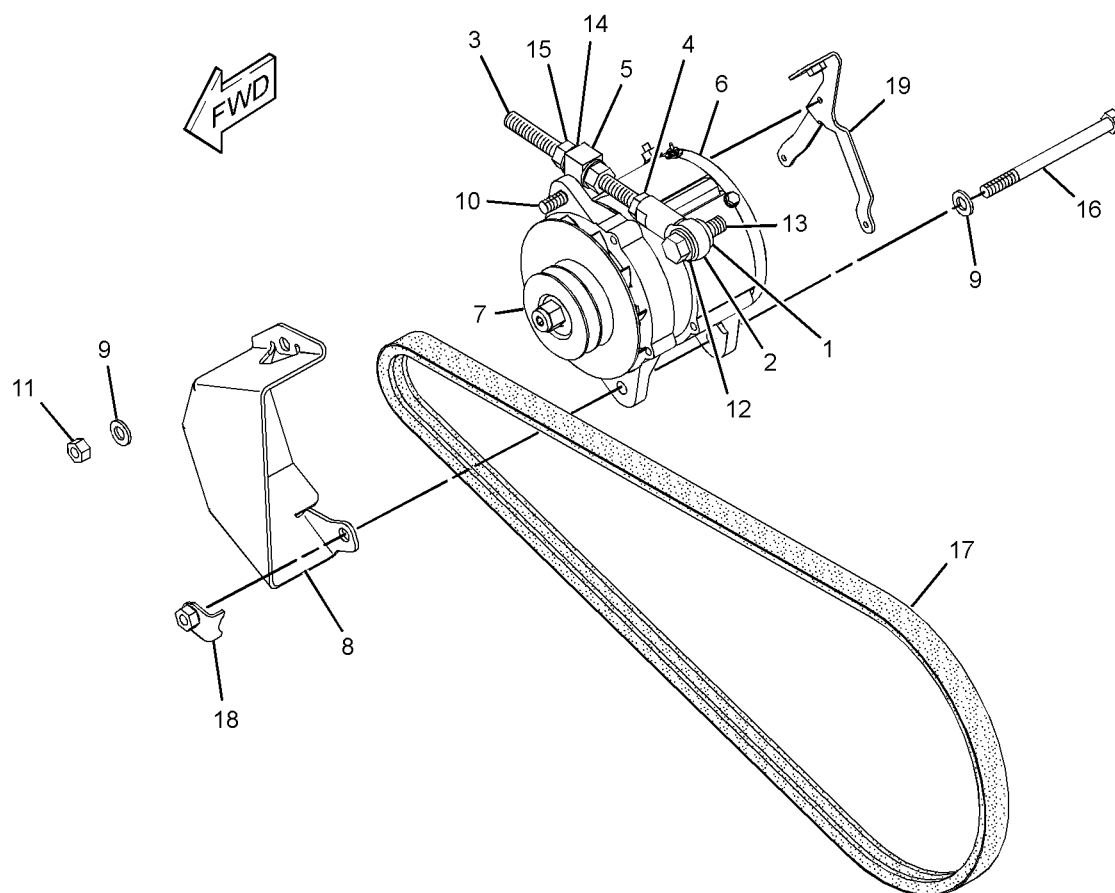
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	4D-3704	1	WASHER-HARD (17X30X5-MM THK)	
	2	1	2K-5804	1	ROD END	
	3	1	6W-8509	1	PUSHROD	
	4	1	9S-1354	1	NUT (5/8-18-THD)	
	5	1	8S-5383	1	BLOCK	
YR	6	1	197-8820	1	ALTERNATOR GP-CHARGING (24-VOLT, 95-AMPERE)	301
	7	1	9Y-4056	1	PULLEY-ALTERNATOR (2-GROOVE)	
	8	1	219-4263	1	GUARD	
	9	1	8T-4223	3	WASHER-HARD (13.5X25.5X3-MM THK)	
	10	1	1H-2415	1	BOLT (0.5-13X2.5-IN)	
	11	1	6V-8188	1	NUT (1/2-13-THD)	
	12	1	8T-4122	1	WASHER-HARD (17X32X3.5-MM THK)	
	13	1	7X-0346	1	BOLT (5/8-11X2-IN)	
	14	1	7X-0591	2	WASHER-HARD (17X29X3-MM THK)	
	15	1	6V-8181	2	NUT-FULL (5/8-18-THD)	
	16	1	7X-0339	1	BOLT (1/2-13X6.25-IN)	
	17	1	245-7481	1	V-BELT (ALTERNATOR)	
	18	1	9S-1240	1	BRACKET AS	
		1	1F-0748	1	NUT-WELD (1/2-13-THD)	
	19	1	285-0986	1	BRACKET AS	

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

218-4962 ALTERNATOR GP-CHARGING (contd.)

i03472207



GRAPHIC #1

<END>

g01231260

ELECTRICAL AND STARTING SYSTEM

239-8035 ALTERNATOR GP-CHARGING-DUCTED

S/N: RJG1-562

24-VOLT, 95-AMPERE

PART OF 238-4498 STOCKPILE AR, 238-4495 WASTE HANDLING AR
AN ATTACHMENT

SMCS-1405

i02265135

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1W-4724	2	CLAMP-HOSE						
	2	1	2K-5804	1	ROD END						
	3	1	6W-8509	1	PUSHROD						
	4	1	8S-5383	1	BLOCK						
	5	1	9S-1240	1	BRACKET AS						
		1	1F-0748	1	NUT-WELD (1/2-13-THD)						
	6	1	9S-1354	1	NUT (5/8-18-THD)						
	7	1	9Y-4056	1	PULLEY-ALTERNATOR						
	8	1	184-5498	1	BRACKET AS						
YR	9	1	197-8820	1	ALTERNATOR GP-CHARGING (24-VOLT, 95-AMPERE)						301
	10	1	219-4263	1	GUARD						
	11	1	245-7481	1	V-BELT (ALTERNATOR)						
	12	1	247-4918	1	MANIFOLD AS						
	13	1	258-5035	1	COVER AS-ALTERNATOR						
	14	1	1H-2415	1	BOLT (0.5-13X2.5-IN)						
	15	1	4D-3704	1	WASHER-HARD (17X30X5-MM THK)						
	16	1	5P-4325	1	CLIP						
	17	1	6V-8181	2	NUT-FULL (5/8-18-THD)						
	18	1	6V-8188	1	NUT (1/2-13-THD)						
	19	1	7W-2033	1	CLIP (TAB)						
	20	1	7W-2034	1	CLIP (SLOT)						
	21	1	7X-0339	1	BOLT (1/2-13X6.25-IN)						
	22	1	7X-0346	1	BOLT (5/8-11X2-IN)						
	23	1	7X-0591	2	WASHER-HARD (17X29X3-MM THK)						
	24	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
	25	1	8T-4122	1	WASHER-HARD (17X32X3.5-MM THK)						
M	26	1	8T-4133	1	NUT (M10X1.5-THD)						
M	27	1	8T-4186	1	BOLT (M10X1.5X40-MM)						
	28	1	8T-4223	3	WASHER-HARD (13.5X25.5X3-MM THK)						
E	29	1	5P-1471		HOSE (113-CM)						
BD	30	1	6V-2495		SEAL						

B-USE AS REQUIRED

D-ORDER BY THE METER

E-ORDER BY THE CENTIMETER

M-METRIC PART

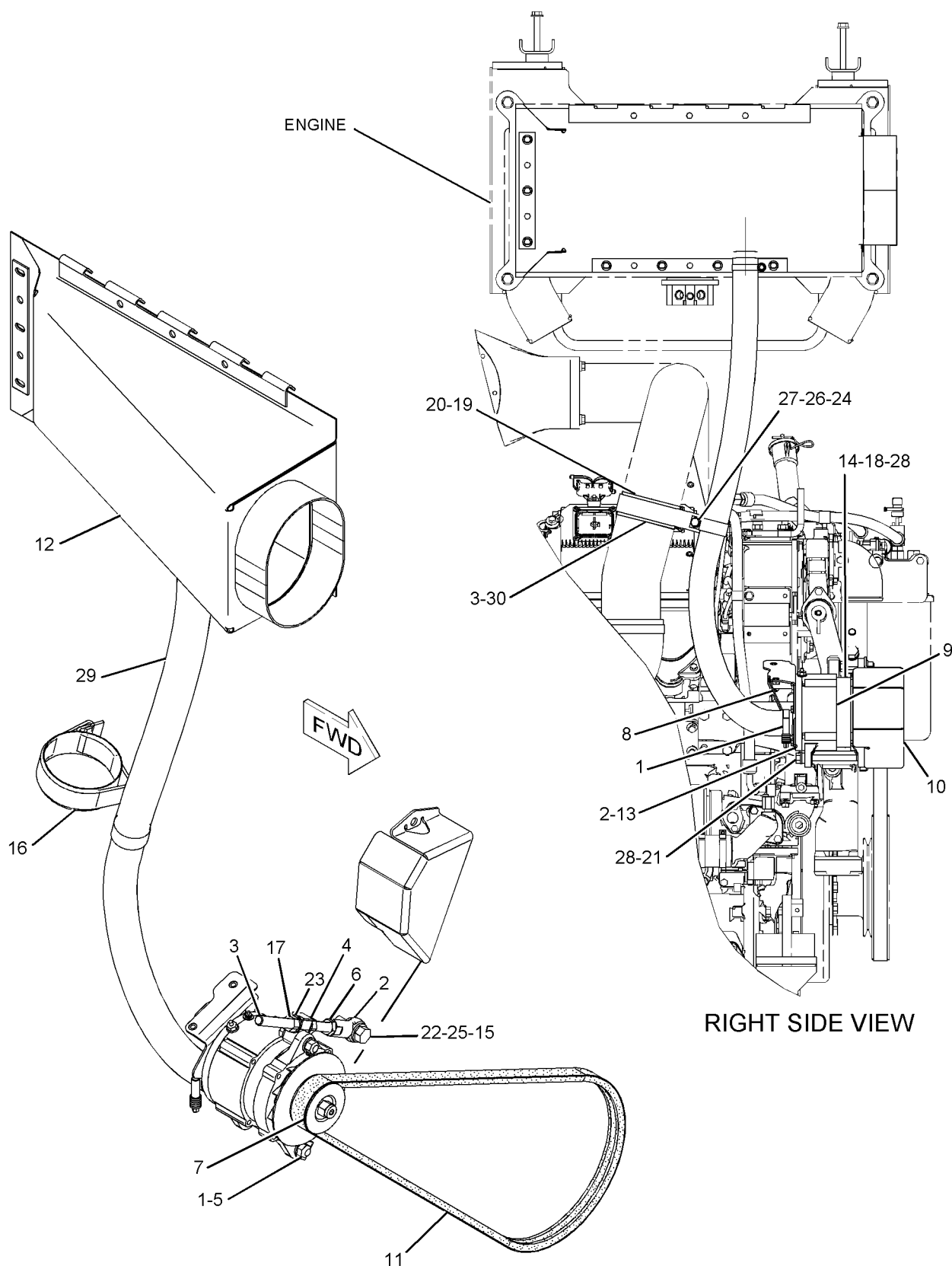
R-REMFG PART MAY BE AVAILABLE

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

239-8035 ALTERNATOR GP-CHARGING (contd.)

i02265135



GRAPHIC #1

<END>

g01137751

ELECTRICAL AND STARTING SYSTEM

268-7801 ALTERNATOR GP-CHARGING-DUCTED

S/N: RJG1-UP

24-VOLT, 95-AMPERE

PART OF 231-5217 MINING AR, 238-4498, 324-3735 STOCKPILE AR, 238-4495 WASTE
HANDLING AR

CANNOT BE USED WITH 269-8387-PAGE 1026
AN ATTACHMENT

SMCS-1405

i03508462

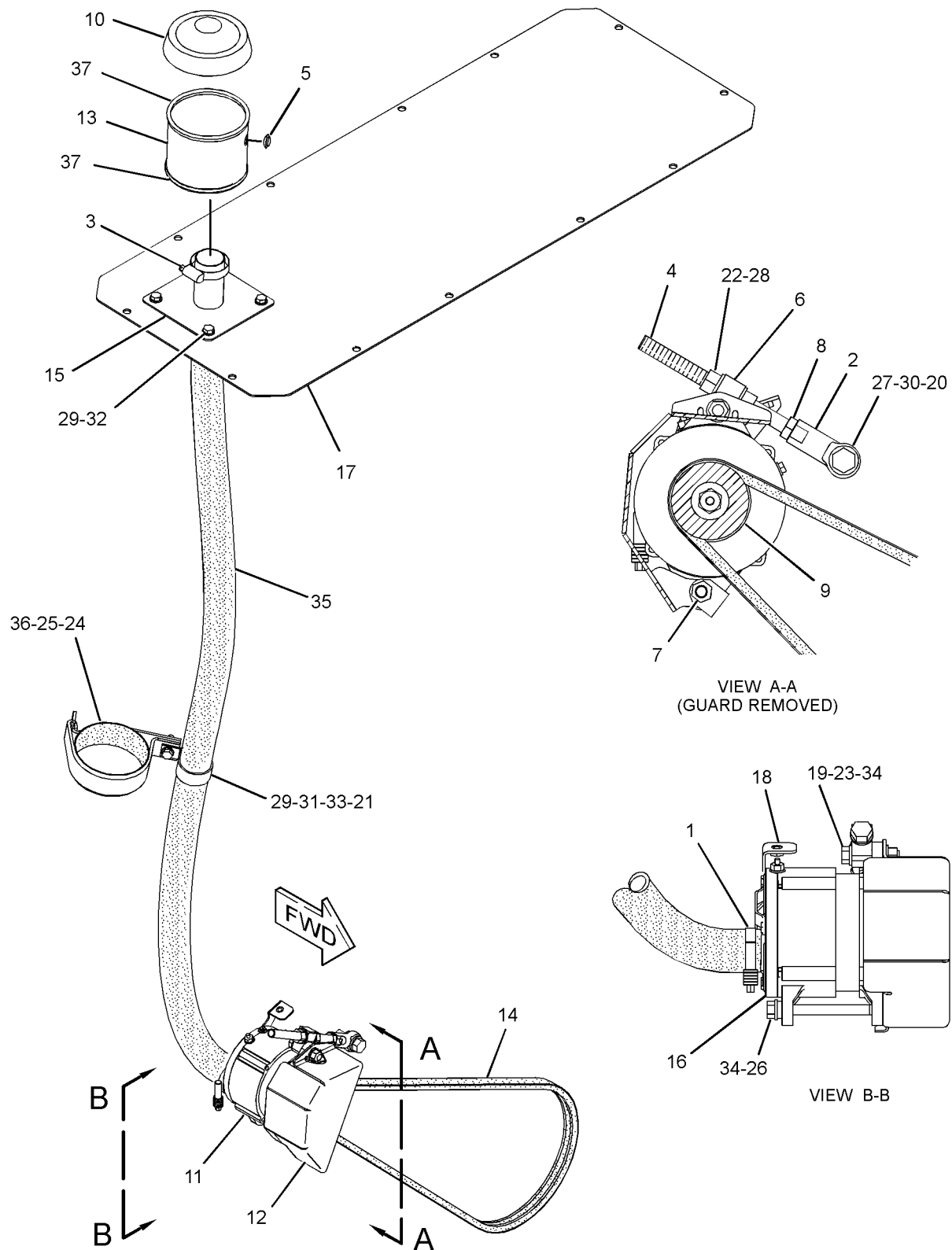
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1W-4724	2	CLAMP-HOSE						
	2	1	2K-5804	1	ROD END						
	3	1	5P-0597	1	CLAMP-HOSE						
	4	1	6W-8509	1	PUSHROD						
	5	1	8P-5411	1	BUTTON-PLUG						
	6	1	8S-5383	1	BLOCK						
	7	1	9S-1240	1	BRACKET AS						
		1	1F-0748	1	NUT-WELD (1/2-13-THD)						
	8	1	9S-1354	1	NUT (5/8-18-THD)						
	9	1	9Y-4056	1	PULLEY-ALTERNATOR (2-GROOVE)						
	10	1	164-5798	1	CAP-RAIN						
YR	11	1	197-8820	1	ALTERNATOR GP-CHARGING (24-VOLT, 95-AMPERE)						301
	12	1	219-4263	1	GUARD						
	13	1	226-4909	1	SCREEN (ALTERNATOR)						
	14	1	245-7481	1	V-BELT (ALTERNATOR)						
	15	1	246-2925	1	PLATE AS						
	16	1	258-5035	1	COVER AS-ALTERNATOR						
D		1	8T-6936	1	SEAL (0.5-M)						
		1	232-1318	1	COVER AS						
	17	1	270-0523	1	COVER AS-ACCESS						
	18	1	285-0986	1	BRACKET AS						
	19	1	1H-2415	1	BOLT (0.5-13X2.5-IN)						
	20	1	4D-3704	1	WASHER-HARD (17X30X5-MM THK)						
	21	1	5P-4325	1	CLIP						
	22	1	6V-8181	2	NUT-FULL (5/8-18-THD)						
	23	1	6V-8188	1	NUT (1/2-13-THD)						
	24	1	7W-2033	1	CLIP (TAB)						
	25	1	7W-2034	1	CLIP (SLOT)						
	26	1	7X-0339	1	BOLT (1/2-13X6.25-IN)						
	27	1	7X-0346	1	BOLT (5/8-11X2-IN)						
	28	1	7X-0591	2	WASHER-HARD (17X29X3-MM THK)						
	29	1	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)						
	30	1	8T-4122	1	WASHER-HARD (17X32X3.5-MM THK)						
M	31	1	8T-4133	1	NUT (M10X1.5-THD)						
M	32	1	8T-4137	4	BOLT (M10X1.5X20-MM)						
M	33	1	8T-4186	1	BOLT (M10X1.5X40-MM)						
	34	1	8T-4223	3	WASHER-HARD (13.5X25.5X3-MM THK)						
E	35	1	5P-1471		HOSE (163-CM)						
D	36	1	6V-2495		SEAL (0.4-M)						
E	37	1	231-0858		SEAL (44-CM EACH)						

D-ORDER BY THE METER
E-ORDER BY THE CENTIMETER
M-METRIC PART
R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

268-7801 ALTERNATOR GP-CHARGING (contd.)

i03508462



GRAPHIC #1

<END>

g01813133

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP

S/N: RJG1-109

PART OF 212-2741 CHASSIS AR

SMCS-1401, 1402, 1408

i03536446

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3E-7753	1	FLOAT AS	
	2	4	3T-9549	1	ADAPTER	
	3	2	6Y-6584	1	STRAP AS-GROUND	
	4	1, 2	7G-1060	3	STRAP AS-GROUND	
	5	1, 2, 3, 4	7K-1181	118	STRAP-CABLE	
Y	6	4	7N-0719	2	SWITCH GP-DISCONNECT (BATTERY)	494
	7	2	7Y-3948	1	CABLE AS	
		2	1S-7251	2	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)	
E		2	5P-0747		CABLE (00-GA, BLACK) (42-CM)	
	8	4	8S-4211	2	PLATE	
	9	1	8V-0622	1	CABLE AS (POS BATTERY TO PASS THROUGH)	
		1	1M-6119	2	BOLT (5/16-18X1.375-IN)	
		1	1M-6120	2	NUT (5/16-18-THD)	
E		1	5P-0761		CABLE (00-GA, RED) (14-CM)	
		1	9G-0003	1	COVER-TERMINAL (BLACK)	
		1	9G-0004	1	COVER-TERMINAL (RED)	
		1	8C-5917	1	TERMINAL AS-BATTERY (POSITIVE)	
		1	8T-9757	1	TERMINAL AS-BATTERY (NEGATIVE)	
	10	3, 4	103-0010	2	BRACKET AS	
					(EACH INCLUDES)	
M		3, 4	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	11	1	111-4402	1	FILTER-FOAM (FUEL TANK)	
Y	12	1	124-9325	1	SENSOR GP-FUEL LEVEL	447
	13	3	139-2116	2	SWITCH AS-TOGGLE (UNDERHOOD SERVICE LIGHT)	
					(EACH INCLUDES)	
		3	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)	
		3	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)	
		3	6T-3631	2	NUT-HEX (15/32-32-THD)	
		3	6T-3632	1	LOCKWASHER	
		3	6T-3633	1	RING-LOCKING	
		3	102-8803	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS, WEDGE)	
	14	1	153-5710	2	BATTERY (12-VOLT, 1400-CCA) (MAINTENANCE FREE)	
	15	1	153-6281	1	HOLD-DOWN-BATTERY	
	16	2	164-3651	1	ADAPTER	
Y	17	4	164-7577	1	SWITCH GP-BYPASS (POWER TRAIN OIL FILTER)	493
	18	3	174-7875	1	HORN AS (24-VOLT, HIGH TONE)	
	19	1	191-8726	1	CABLE AS (POS BATTERY TO PASS THROUGH)	
E		1	114-8843		SLEEVE-PLASTIC	
		1	1S-4915	2	LINER (CONDUIT)	
		1	1S-7251	1	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)	
E		1	5P-0695		CONDUIT (52-CM)	
E		1	5P-0761		CABLE (00-GA, RED) (69-CM)	
		1	8N-0869	1	COVER-TERMINAL (RED)	
E		1	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA)	
		1	9G-0002	1	COVER-TERMINAL (RED)	
		1	8L-8413	1	STRAP-CABLE	
	20	1	191-8727	1	CABLE AS (NEG BATTERY TO PASS THROUGH)	
		1	1S-7252	1	TERMINAL-CABLE (00-GA, 3/8-IN BOLT)	
		1	9G-0003	1	COVER-TERMINAL (BLACK)	
		1	9G-8909	1	COVER-TERMINAL (BLACK)	
BE		1	114-8843		SLEEVE-PLASTIC	
E		1	159-8050		CABLE (00-GA, BLACK) (33-CM)	
	21	2	199-9800	1	JUNCTION BLOCK	

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

i03536446

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	22	2	204-8000	3	MOUNT (TIE WRAP)	
	23	2	205-3079	1	ADAPTER	
	24	1	213-7005	1	HARNESS AS-CHASSIS (FENDER, RH)	
		1	102-8802	2	KIT-RECEPTACLE (2-PIN)	
		1	102-8803	3	KIT-RECEPTACLE (3-PIN)	
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)	
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2260	2	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	8	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2271	1	KIT-CONNECTING PLUG (4-PIN)	
					(EACH INCLUDES PLUG AS & WEDGE)	
	25	3	213-7007	1	HARNESS AS-CHASSIS (RADIATOR GUARD)	
		3	102-8802	1	KIT-RECEPTACLE (2-PIN)	
		3	102-8805	1	KIT-RECEPTACLE (6-PIN)	
		3	102-8801	1	KIT-RECEPTACLE (12-PIN)	
		3	190-7615	1	KIT-RECEPTACLE (12-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
		3	155-2260	2	KIT-CONNECTING PLUG (3-PIN)	
		3	155-2270	6	KIT-CONNECTING PLUG (2-PIN)	
		3	155-2271	1	KIT-CONNECTING PLUG (4-PIN)	
		3	174-0503	2	KIT-CONNECTING PLUG (3-PIN)	
		3	155-2274	3	KIT-CONNECTING PLUG (6-PIN)	
					(EACH INCLUDES PLUG AS & WEDGE)	
	26	4	213-7021	1	RECEPTACLE AS-AUXILIARY START	
		4	1S-4915	2	LINER (CONDUIT)	
		4	1S-7251	1	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)	
		4	4D-1248	1	TERMINAL (FOR 3/8-IN BOLT)	
E		4	5P-0695		CONDUIT (66-CM)	
E		4	5P-0747		CABLE (00-GA, BLACK) (30-CM)	
E		4	5P-0761		CABLE (00-GA, RED) (100-CM)	
		4	8N-0869	1	COVER-TERMINAL (RED)	
BE		4	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA)	
BE		4	114-8843		SLEEVE-PLASTIC	
	27	1	213-9100	1	ALARM GP (BACKUP)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
D		1	5P-5623		WIRE-ELECTRICAL (16-GA, BLACK)	
		1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2-PIN)	
E		1	9X-1813		SLEEVE (31-CM)	
	28	1	214-1067	1	HARNESS AS-CHASSIS (FENDER, LH)	
		1	102-8802	2	KIT-RECEPTACLE (2-PIN)	
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)	
		1	102-8801	3	KIT-RECEPTACLE (12-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2255	3	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	12	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2271	4	KIT-CONNECTING PLUG (4-PIN)	
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)	
					(EACH INCLUDES PLUG AS & WEDGE)	
	29	4	224-6316	1	ADAPTER	
	30	1	231-3472	1	PLATE AS	
		1	7T-1099	3	LINK	
	31	1	233-2804	1	HARNESS AS-TRANSMISSION	
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

i03536446

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN) (INCLUDES PLUG AS & WEDGE)	
	32	3	233-9843	2	BRACKET	
	33	4	235-1594	1	PLATE AS	
		4	7T-1099	6	LINK	
	34	1	235-9762	1	PLATE AS	
		1	7T-1099	3	LINK	
	35	4	236-0846	1	CABLE AS (BUS TO PASS THROUGH)	
		4	1S-4915	2	LINER (CONDUIT)	
		4	1S-7251	2	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)	
E		4	5P-0695		CONDUIT (68-CM)	
E		4	5P-0761		CABLE (00-GA, RED) (880-CM)	
		4	8N-0869	2	COVER-TERMINAL (RED)	
BE		4	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA)	
BE		4	114-8843		SLEEVE-PLASTIC	
	36	4	236-0847	1	CABLE AS (DISCONNECT TO PASS THROUGH)	
		4	1S-4915	2	LINER (CONDUIT)	
		4	1S-7252	2	TERMINAL-CABLE (00-GA, 3/8-IN BOLT)	
E		4	5P-0695		CONDUIT (41-CM)	
E		4	5P-0747		CABLE (00-GA, BLACK) (80-CM)	
BE		4	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA)	
		4	9G-8909	2	COVER-TERMINAL (BLACK)	
BE		4	114-8843		SLEEVE-PLASTIC	
	37	4	236-0848	1	CABLE AS (DISCONNECT TO GROUND)	
		4	1S-7252	1	TERMINAL-CABLE (00-GA, 3/8-IN BOLT)	
		4	4D-1248	1	TERMINAL (FOR 3/8-IN BOLT)	
E		4	5P-0747		CABLE (00-GA, BLACK) (100-CM)	
BE		4	114-8843		SLEEVE-PLASTIC	
	38	4	236-0849	1	CABLE AS (PASS THROUGH TO STARTER)	
		4	1S-4915	2	LINER (CONDUIT)	
		4	1S-7251	2	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)	
E		4	5P-0695		CONDUIT (155-CM)	
E		4	5P-0761		CABLE (00-GA, RED) (180-CM)	
		4	8N-0869	1	COVER-TERMINAL (RED)	
BE		4	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA)	
BE		4	114-8843		SLEEVE-PLASTIC	
	39	2	117-7773	1	SWITCH AS-PRESSURE (FAN FILTER BYPASS)	
		2	102-8802	1	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
		2	3E-3365	1	WEDGE-RECEPTACLE LOCK (2-PIN)	
		2	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)	
BE		2	9X-1813		SLEEVE	
	40	2, 4	132-5789	2	CLIP	
Y	41	4	145-7028	1	SENSOR GP-TEMPERATURE (TRANSMISSION SUMP)	469
Y	41A	2	145-7028	1	SENSOR GP-TEMPERATURE (HYDRAULIC OIL)	469
	42	3	150-5931	1	GROMMET	
	43	3	163-1201	1	HORN AS (24-VOLT, LOW TONE)	
	44	1, 2, 4	193-3973	11	STRAP-CABLE	
	45	2	1J-9671	2	SEAL-O-RING	
Y	46	3	219-6485	2	LAMP GP-FLOOD (24-VOLT) (UNDERHOOD SERVICE LIGHT)	402
Y	47	2	237-0957	2	SENSOR GP-PRESSURE (MAIN, TILT PUMP)	459
	48	2	2M-9780	1	SEAL-O-RING	
	49	4	2S-4078	1	SEAL-O-RING	
	50	4	3D-2824	1	SEAL-O-RING	
	51	2	3J-1907	3	SEAL-O-RING	
	52	2	3K-0360	1	SEAL-O-RING	
	53	1	3K-6060	2	LOCKNUT (3/8-16-THD)	
	54	4	4L-6454	4	BOLT (3/8-16X1-IN)	
	55	2	4P-7428	1	CLIP	

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

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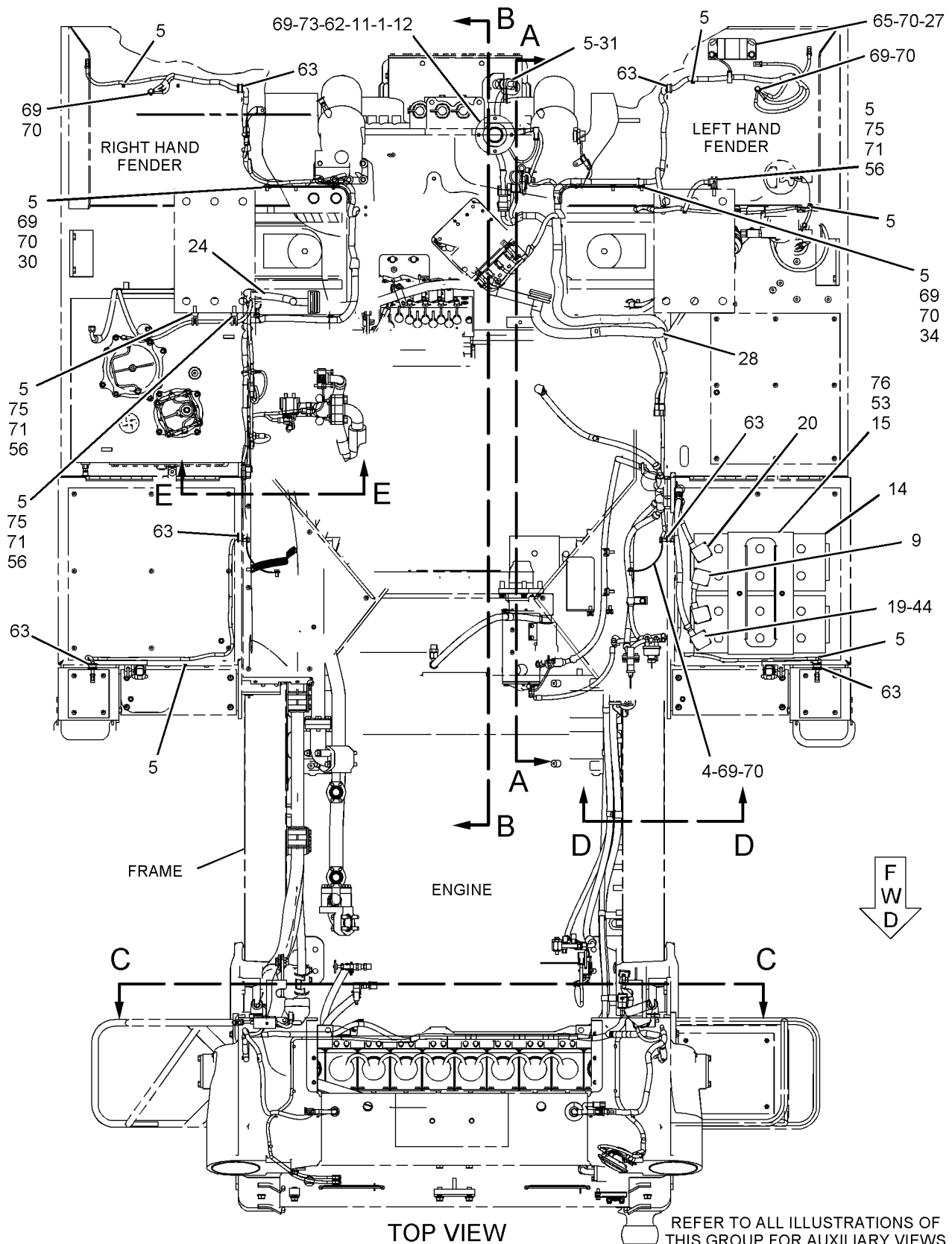
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	56	1	4P-7429	3	CLIP	
	57	4	4P-7581	2	CLIP	
	58	3, 4	4P-8134	3	CLIP	
	59	2	5P-1404	1	ADAPTER-O-RING	
	60	2	5P-4674	1	ADAPTER-O-RING	
	61	3	5S-7379	2	BOLT (3/8-16X0.875-IN)	
	62	1	6V-5051	1	SEAL-O-RING	
	63	1, 3	7B-1251	7	GROMMET	
	64	2, 4	7J-0204	2	SEAL-O-RING	
	65	1, 4	7X-7729	3	WASHER (11X25X3-MM THK)	
	66	3	8K-1433	1	GROMMET	
	67	4	8S-0948	2	CLIP	
	68	4	8S-2634	1	COVER AS	
		4	2P-2975	2	SEAL-O-RING	
	69	1, 2, 3, 4	8T-4121	31	WASHER-HARD (11X21X2.5-MM THK)	
M	70	1, 2, 3, 4	8T-4137	27	BOLT (M10X1.5X20-MM)	
M	71	1	8T-4139	3	BOLT (M12X1.75X30-MM)	
M	72	2	8T-4179	3	BOLT (M12X1.75X20-MM)	
M	73	1	8T-4185	4	BOLT (M10X1.5X50-MM)	
M	74	2, 4	8T-4195	3	BOLT (M10X1.5X30-MM)	
	75	1, 2	8T-4223	6	WASHER-HARD (13.5X25.5X3-MM THK)	
	76	1, 3, 4	8T-4896	8	WASHER-HARD (10.2X18.5X2.5-MM THK)	
M	77	2	9X-6032	3	BOLT-SOCKET HEAD (M10X1.5X30-MM)	

B-USE AS REQUIRED
D-ORDER BY THE METER
E-ORDER BY THE CENTIMETER
M-METRIC PART
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

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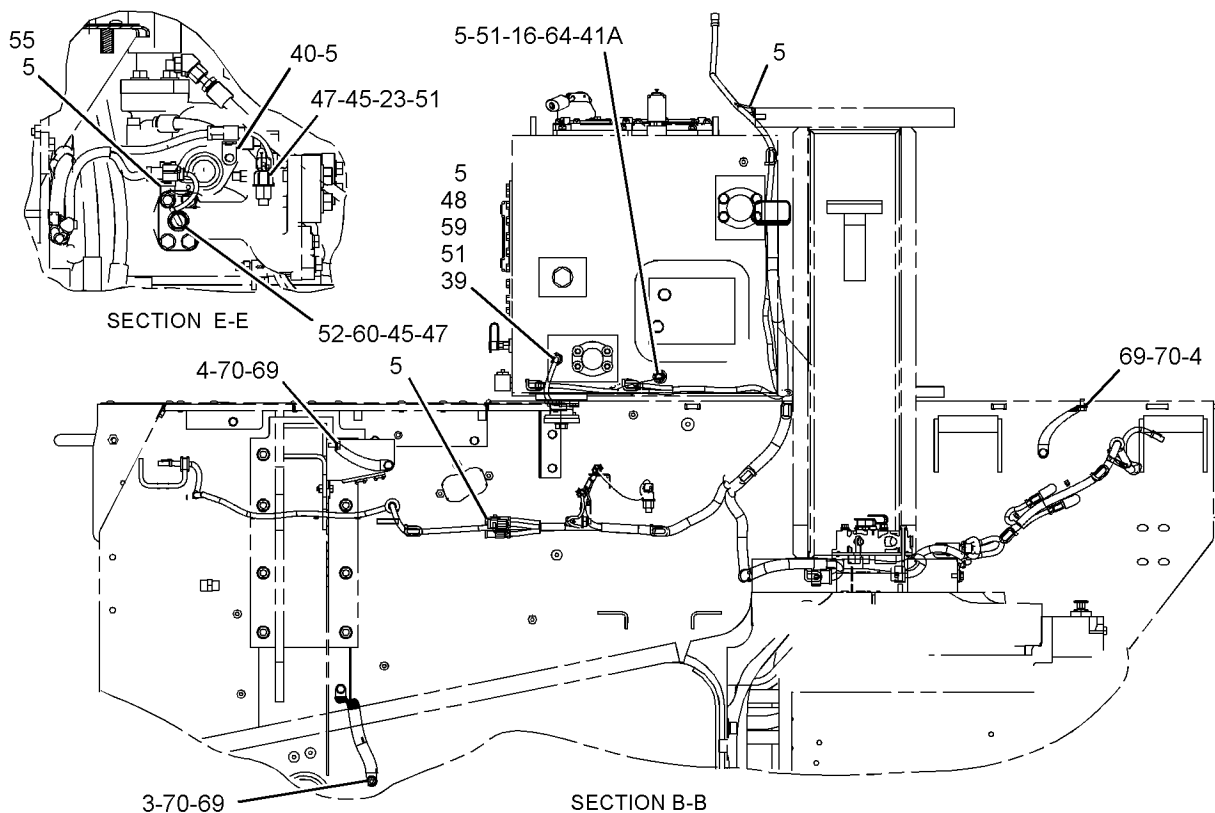
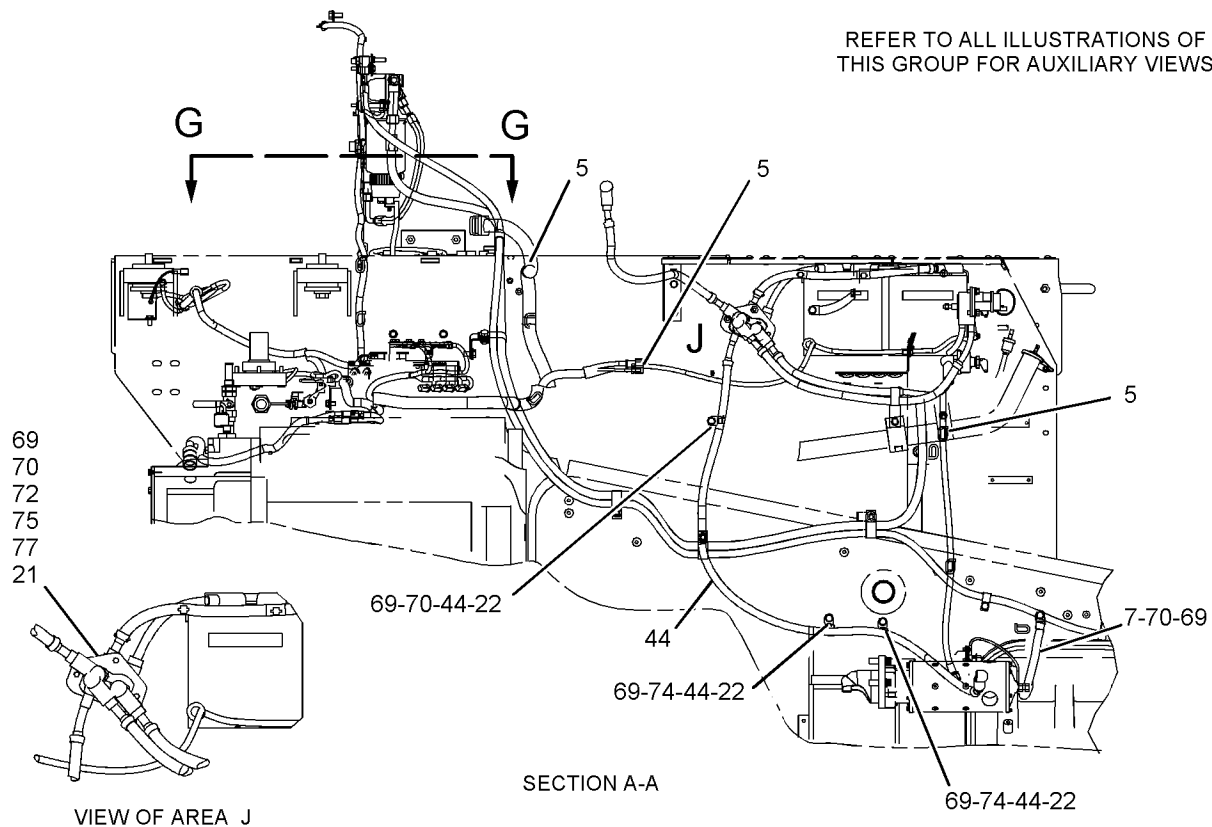
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ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

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REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



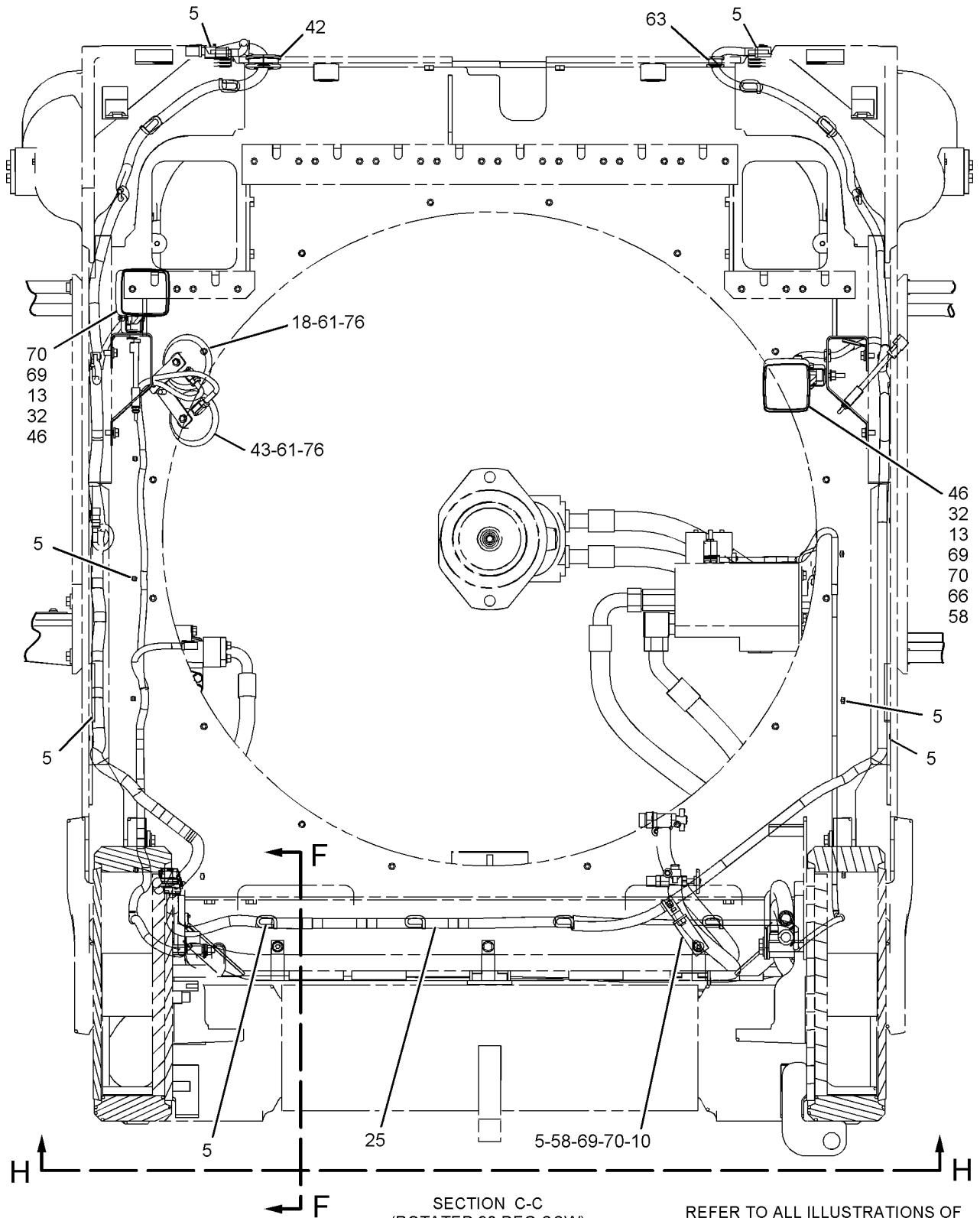
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g01051369

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

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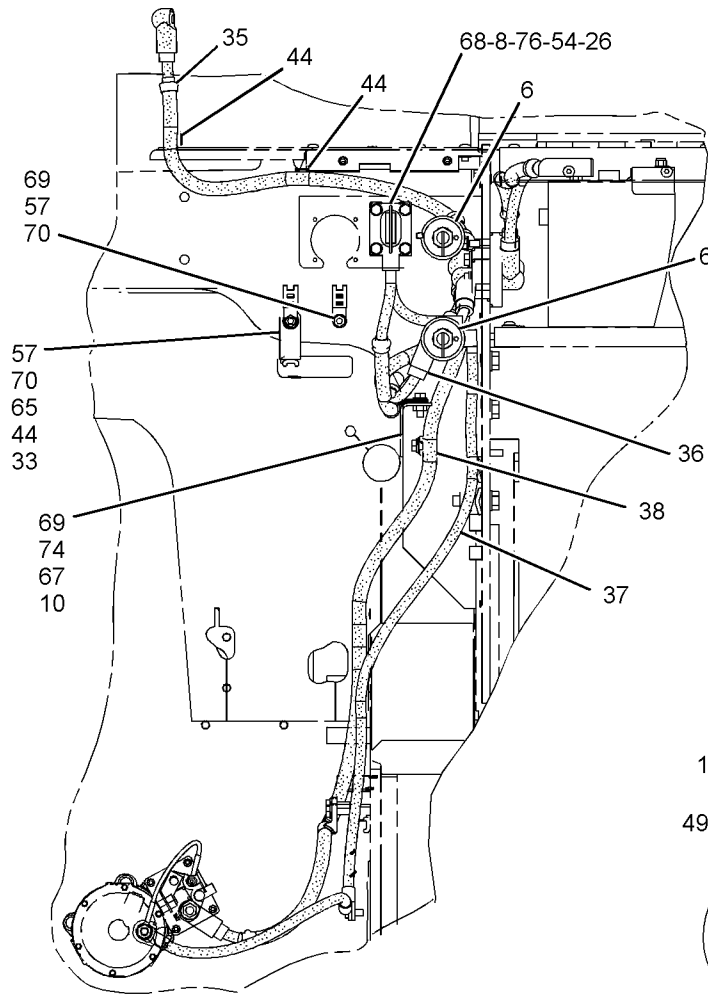
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g01051370

ELECTRICAL AND STARTING SYSTEM

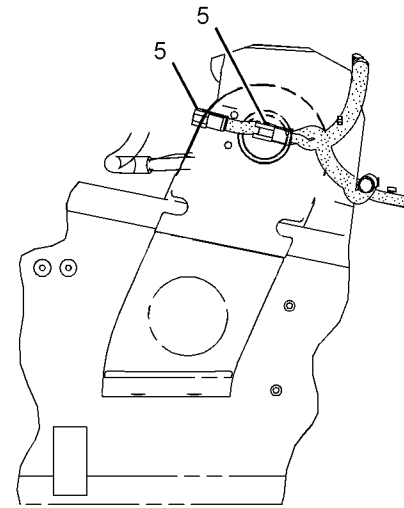
213-7003 BATTERY & WIRING GP (contd.)

i03536446

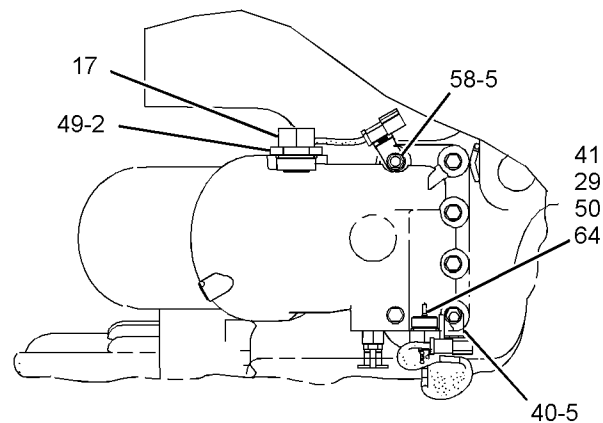


SECTION D-D

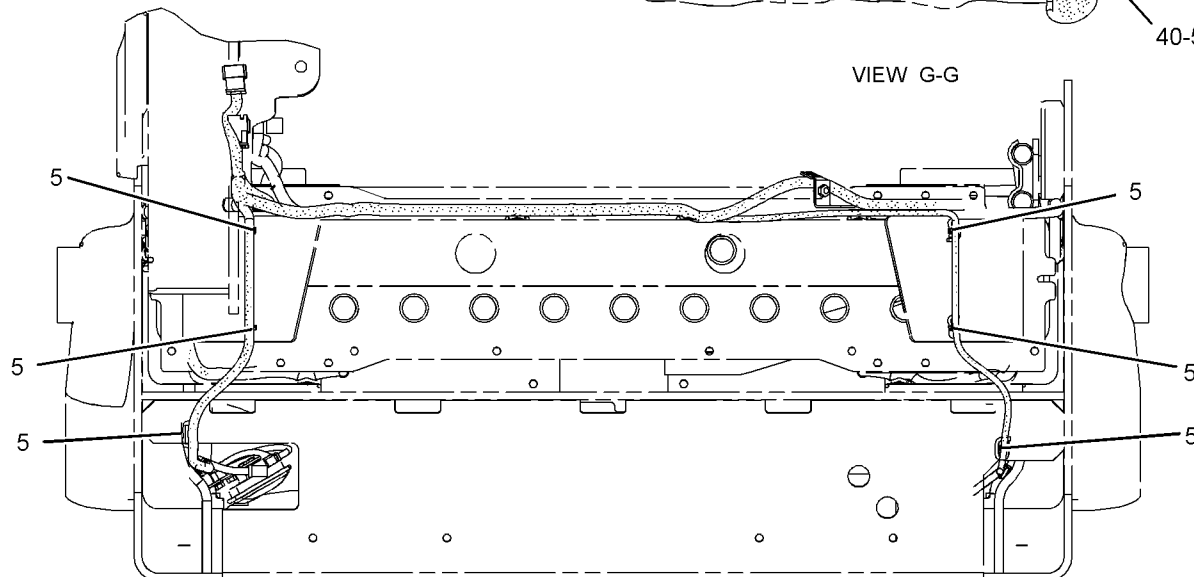
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SECTION F-F



VIEW G-G



SECTION H-H
<END>

GRAPHIC #4

g01051371

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP

S/N: RJG110-528

PART OF 212-2741 CHASSIS AR

SMCS-1401, 1402, 1408

i03536447

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3E-7753	1	FLOAT AS	
	2	3	3T-9549	1	ADAPTER	
	3	2	6Y-6584	1	STRAP AS-GROUND	
C	4	1, 2	7G-1060	3	STRAP AS-GROUND	
	5	1, 2, 3	7K-1181	120	STRAP-CABLE	
Y	6	3	7N-0719	2	SWITCH GP-DISCONNECT (BATTERY)	494
	7	2	061-7661	1	CABLE AS	
E		2	5P-0747		CABLE (00-GA, BLACK) (42-CM)	
		2	1S-7251	2	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)	
	8	3	8S-4211	2	PLATE	
	9	1	8V-0622	1	CABLE AS (BATTERY 1 TO BATTERY 2)	
E		1	5P-0761		CABLE (00-GA, RED) (14-CM)	
		1	9G-0003	1	COVER-TERMINAL (BLACK)	
		1	9G-0004	1	COVER-TERMINAL (RED)	
		1	8C-5917	1	TERMINAL AS-BATTERY (POSITIVE)	
		1	8T-9757	1	TERMINAL AS-BATTERY (NEGATIVE)	
					(EACH TERMINAL AS INCLUDES)	
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)	
		1	1M-6120	1	NUT (5/16-18-THD)	
	10	3	103-0010	1	BRACKET AS	
M		3	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	11	1	111-4402	1	FILTER-FOAM (FUEL TANK)	
Y	12	1	124-9325	1	SENSOR GP-FUEL LEVEL	447
C	13	3	139-2116	1	SWITCH AS-TOGGLE (UNDERHOOD SERVICE LIGHT)	
		3	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)	
		3	6T-3631	2	NUT-HEX (15/32-32-THD)	
		3	6T-3632	1	LOCKWASHER	
		3	6T-3633	1	RING-LOCKING	
		3	102-8803	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	14	1	153-5710	2	BATTERY (12-VOLT, 1400-CCA)	
					(MAINTENANCE FREE)	
	15	1	153-6281	1	HOLD-DOWN-BATTERY	
	16	2	164-3651	1	ADAPTER	
Y	17	3	164-7577	1	SWITCH GP-BYPASS (POWER TRAIN OIL FILTER)	493
	18	3	174-7875	1	HORN AS (24-VOLT, HIGH TONE)	
	19	1	191-8726	1	CABLE AS (POS BATTERY TO PASS THROUGH)	
E		1	5P-0761		CABLE (00-GA, RED) (69-CM)	
		1	1S-4915	2	LINER (CONDUIT)	
		1	1S-7251	1	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)	
E		1	5P-0695		CONDUIT (52-CM)	
		1	8N-0869	1	COVER-TERMINAL (RED)	
E		1	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (16-CM)	
		1	9G-0002	1	COVER-TERMINAL (RED)	
		1	8T-9756	1	TERMINAL AS (POSITIVE)	
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)	
		1	1M-6120	1	NUT (5/16-18-THD)	
E		1	114-8843		SLEEVE-PLASTIC (40-CM)	
	20	1	191-8727	1	CABLE AS (NEG BATTERY TO PASS THROUGH)	
E		1	159-8050		CABLE (00-GA, BLACK) (33-CM)	
		1	1S-7252	1	TERMINAL-CABLE (00-GA, 3/8-IN BOLT)	
		1	9G-0003	1	COVER-TERMINAL (BLACK)	
		1	9G-8909	1	COVER-TERMINAL (BLACK)	
		1	8T-9757	1	TERMINAL AS-BATTERY (NEGATIVE)	
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)	
		1	1M-6120	1	NUT (5/16-18-THD)	

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

i03536447

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
E		1	114-8843		SLEEVE-PLASTIC (40-CM)						
	21	2	199-9800	1	JUNCTION BLOCK						
	22	2	204-8000	3	MOUNT (TIE WRAP)						
	23	2	205-3079	1	ADAPTER						
	24	1	213-7005	1	HARNESS AS-CHASSIS (FENDER, RH)						
		1	126-1774	1	COVER-CONNECTOR						
		1	9X-6772	2	STRAP-CABLE						
		1	106-8704	2	SUPPRESSOR AS-ARC						
		1	155-2272	1	PLUG AS-CONNECTOR (4-PIN)						
		1	160-7689	1	PLUG AS-CONNECTOR (70-PIN)						
		1	102-8802	2	KIT-RECEPTACLE (2-PIN)						
		1	102-8803	3	KIT-RECEPTACLE (3-PIN)						
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)						
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
		1	155-2260	2	KIT-CONNECTING PLUG (3-PIN)						
		1	155-2270	8	KIT-CONNECTING PLUG (2-PIN)						
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
		1	251-7591	1	WIRE AS						
	25	3	213-7007	1	HARNESS AS-CHASSIS (RADIATOR GUARD)						
		3	102-8802	3	KIT-RECEPTACLE (2-PIN)						
		3	102-8805	3	KIT-RECEPTACLE (6-PIN)						
		3	102-8801	1	KIT-RECEPTACLE (12-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		3	190-7613	1	RECEPTACLE AS-CONNECTOR (12-PIN)						
		3	134-2540	2	RECEPTACLE AS (3-PIN)						
		3	155-2272	1	PLUG AS-CONNECTOR (4-PIN)						
		3	155-2260	2	KIT-CONNECTING PLUG (3-PIN)						
		3	155-2270	6	KIT-CONNECTING PLUG (2-PIN)						
		3	174-0503	2	KIT-CONNECTING PLUG (3-PIN)						
		3	155-2274	3	KIT-CONNECTING PLUG (6-PIN)						
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
	26	3	213-7021	1	RECEPTACLE AS-AUXILIARY START						
		3	1S-4915	2	LINER (CONDUIT)						
		3	1S-7251	1	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)						
		3	4D-1248	1	TERMINAL (FOR 3/8-IN BOLT)						
E		3	5P-0695		CONDUIT (66-CM)						
E		3	5P-0747		CABLE (00-GA, BLACK) (30-CM)						
E		3	5P-0761		CABLE (00-GA, RED) (100-CM)						
		3	8N-0869	1	COVER-TERMINAL (RED)						
E		3	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (16-CM)						
E		3	114-8843		SLEEVE-PLASTIC (40-CM)						
	27	1	213-9100	1	ALARM GP (BACKUP)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
BD		1	5P-5623		WIRE-ELECTRICAL (16-GA, BLACK)						
		1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)						
E		1	9X-1813		SLEEVE (31-CM)						
	28	1	214-1067	1	HARNESS AS-CHASSIS (FENDER, LH)						
		1	160-7689	1	PLUG AS-CONNECTOR (70-PIN)						
		1	155-2272	4	PLUG AS-CONNECTOR (4-PIN)						
		1	102-8802	2	KIT-RECEPTACLE (2-PIN)						
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)						
		1	102-8801	2	KIT-RECEPTACLE (12-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2255	3	KIT-CONNECTING PLUG (12-PIN)						
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

i03536447

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		1	155-2270	12	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)	
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
CY	29	3	219-6485	1	LAMP GP-FLOOD (24-VOLT) (UNDERHOOD SERVICE LIGHT)	402
C	30	2	220-8397	1	WIRE AS	
	31	3	224-6316	1	ADAPTER	
	32	1	231-3472	1	PLATE AS	
	33	1	233-2804	1	HARNESS AS-TRANSMISSION	
		1	108-6259	1	PLUG AS-CONNECTOR (17-PIN)	
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
					(INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
C	34	3	233-9843	1	BRACKET	
	35	3	235-1594	1	PLATE AS	
	36	1	235-9762	1	PLATE AS	
	37	3	236-0846	1	CABLE AS (BUS TO PASS THROUGH)	
E		3	5P-0761		CABLE (00-GA, RED) (880-CM)	
		3	1S-4915	2	LINER (CONDUIT)	
		3	1S-7251	2	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)	
E		3	5P-0695		CONDUIT (68-CM)	
		3	8N-0869	2	COVER-TERMINAL (RED)	
E		3	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (16-CM)	
E		3	114-8843		SLEEVE-PLASTIC (40-CM)	
	38	3	236-0847	1	CABLE AS (DISCONNECT TO PASS THROUGH)	
E		3	5P-0747		CABLE (00-GA, BLACK) (72-CM)	
		3	1S-4915	2	LINER (CONDUIT)	
		3	1S-7252	2	TERMINAL-CABLE (00-GA, 3/8-IN BOLT)	
E		3	5P-0695		CONDUIT (47-CM)	
E		3	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (16-CM)	
		3	9G-8909	2	COVER-TERMINAL (BLACK)	
E		3	114-8843		SLEEVE-PLASTIC (40-CM)	
	39	3	236-0848	1	CABLE AS (DISCONNECT TO GROUND)	
E		3	5P-0747		CABLE (00-GA, BLACK) (100-CM)	
		3	1S-7252	1	TERMINAL-CABLE (00-GA, 3/8-IN BOLT)	
		3	4D-1248	1	TERMINAL (FOR 3/8-IN BOLT)	
E		3	114-8843		SLEEVE-PLASTIC (40-CM)	
	40	3	236-0849	1	CABLE AS (PASS THROUGH TO STARTER)	
E		3	5P-0761		CABLE (00-GA, RED) (180-CM)	
		3	1S-4915	2	LINER (CONDUIT)	
		3	1S-7251	2	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)	
E		3	5P-0695		CONDUIT (155-CM)	
		3	8N-0869	1	COVER-TERMINAL (RED)	
E		3	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (21-CM)	
E		3	114-8843		SLEEVE-PLASTIC (40-CM)	
	41	2	253-2673	1	SWITCH AS-PRESSURE (FAN FILTER BYPASS)	
		2	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
		2	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)	
E		2	9X-1813		SLEEVE (14-CM)	
	42	2, 3	132-5789	2	CLIP	
Y	43	2	145-7028	1	SENSOR GP-TEMPERATURE (HYDRAULIC OIL)	469
Y	43A	3	145-7028	1	SENSOR GP-TEMPERATURE (TRANSMISSION SUMP)	469
	44	3	150-5931	1	GROMMET	
	45	3	163-1201	1	HORN AS (24-VOLT, LOW TONE)	
	46	1, 2, 3	193-3973	11	STRAP-CABLE	
	47	2	1J-9671	2	SEAL-O-RING	

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

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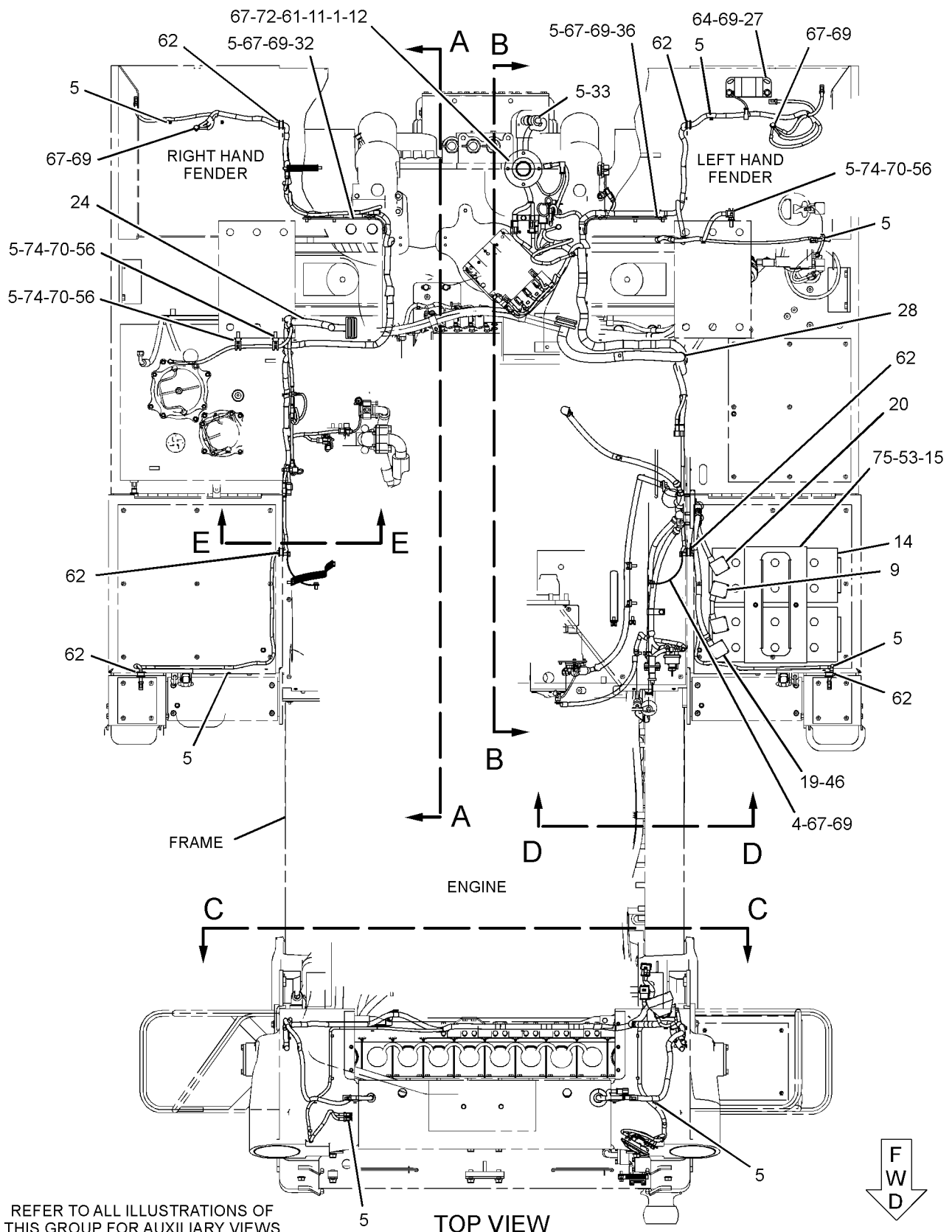
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE	
					1 2 3 4 5 6 (PRODUCT LEVEL)		
Y	48	2	237-0957	2	SENSOR GP-PRESSURE (MAIN, TILT PUMP)	459	
	49	3	2S-4078	1	SEAL-O-RING		
	50	3	3D-2824	1	SEAL-O-RING		
	51	2	3J-1907	3	SEAL-O-RING		
	52	2	3K-0360	1	SEAL-O-RING		
	53	1	3K-6060	2	LOCKNUT (3/8-16-THD)		
	54	3	4L-6454	4	BOLT (3/8-16X1-IN)		
	55	2	4P-7428	1	CLIP		
	56	1	4P-7429	3	CLIP		
	57	3	4P-7581	3	CLIP		
	58	2, 3	4P-8134	4	CLIP		
	59	2	5P-4674	1	ADAPTER-O-RING		
	60	3	5S-7379	2	BOLT (3/8-16X0.875-IN)		
	61	1	6V-5051	1	SEAL-O-RING		
	62	1, 3	7B-1251	7	GROMMET		
	63	2, 3	7J-0204	2	SEAL-O-RING		
	64	1, 3	7X-7729	3	WASHER (11X25X3-MM THK)		
	65	3	8S-0948	2	CLIP		
	66	3	8S-2634	1	COVER AS		
		3	2P-2975	2	SEAL-O-RING		
	C	67	1, 2, 3	8T-4121	32		WASHER-HARD (11X21X2.5-MM THK)
	M	68	2	8T-4136	1		BOLT (M10X1.5X25-MM)
	CM	69	1, 2, 3	8T-4137	27		BOLT (M10X1.5X20-MM)
	M	70	1	8T-4139	3		BOLT (M12X1.75X30-MM)
	M	71	2	8T-4179	3		BOLT (M12X1.75X20-MM)
	M	72	1	8T-4185	4		BOLT (M10X1.5X50-MM)
	M	73	2, 3	8T-4195	3		BOLT (M10X1.5X30-MM)
	74	1, 2	8T-4223	6	WASHER-HARD (13.5X25.5X3-MM THK)		
	75	1, 3	8T-4896	8	WASHER-HARD (10.2X18.5X2.5-MM THK)		
M	76	2	9X-6032	3	BOLT-SOCKET HEAD (M10X1.5X30-MM)		

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

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

i03536447



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

TOP VIEW

GRAPHIC #1

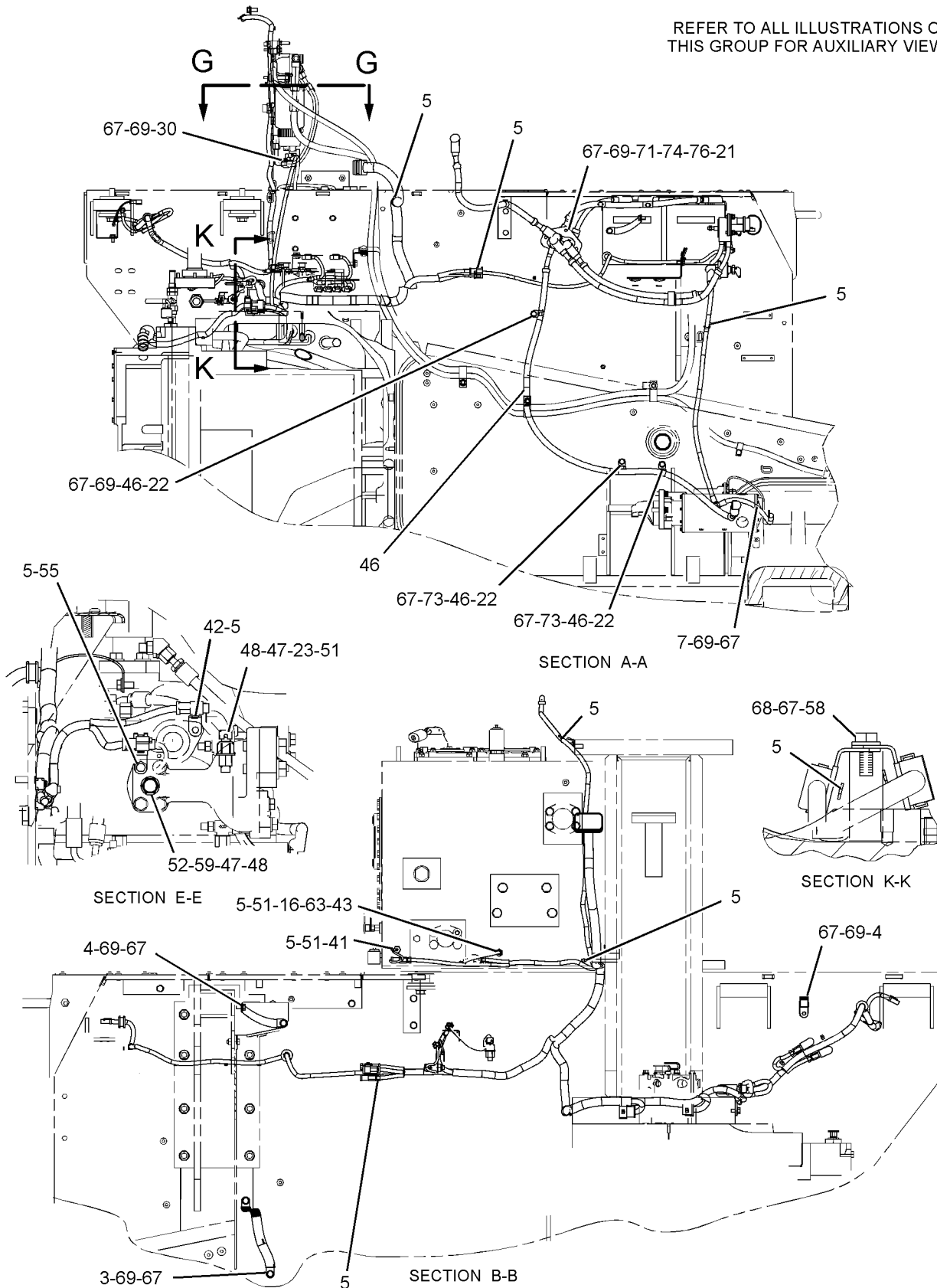
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ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

i03536447

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



GRAPHIC #2

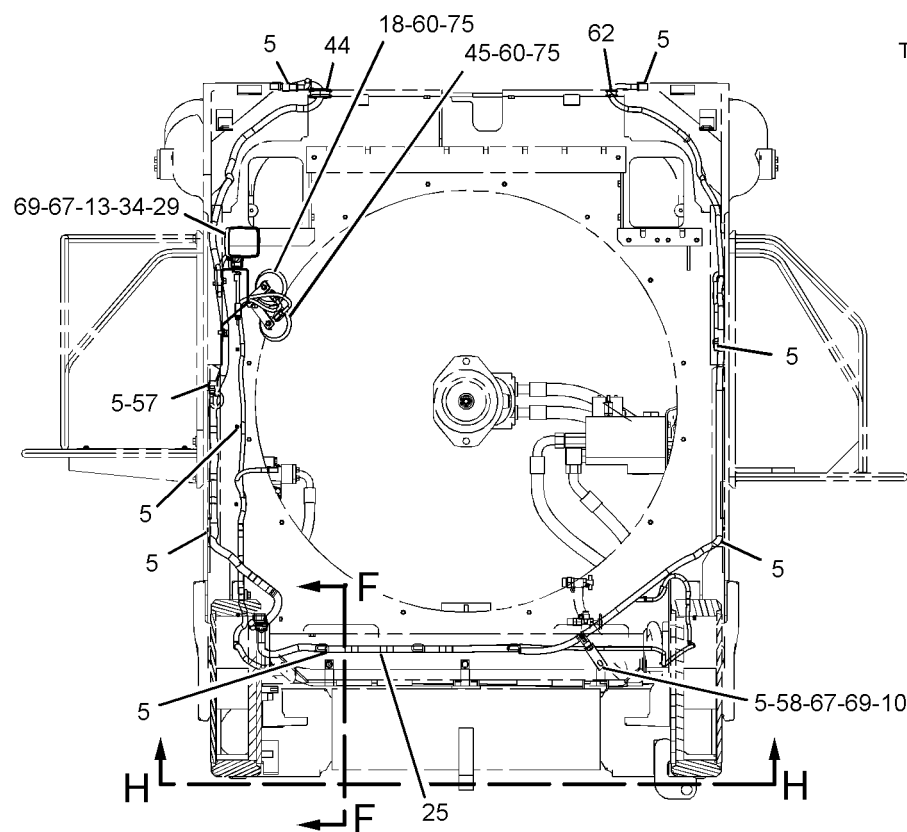
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ELECTRICAL AND STARTING SYSTEM

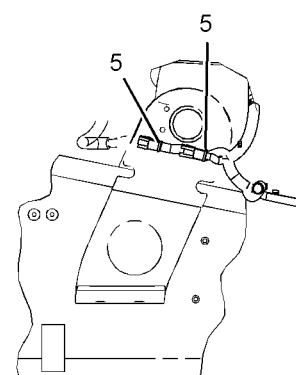
213-7003 BATTERY & WIRING GP (contd.)

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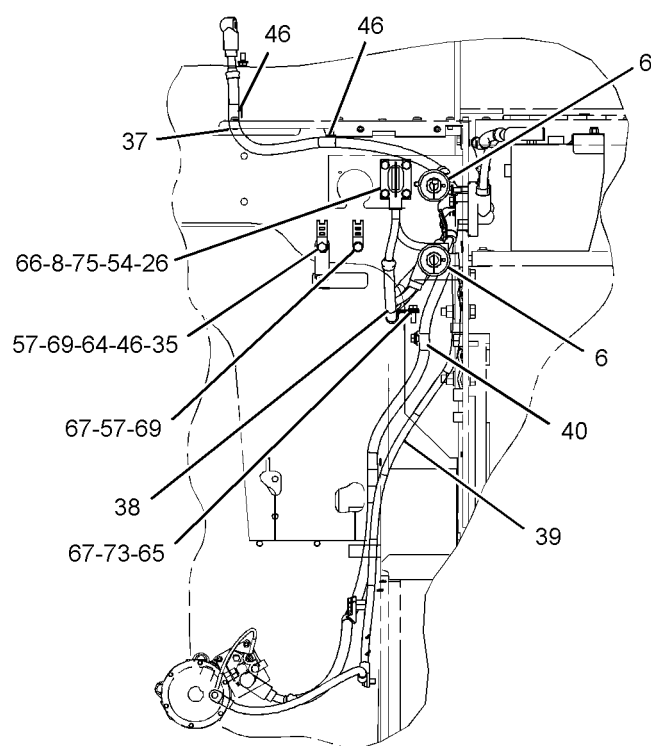
REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



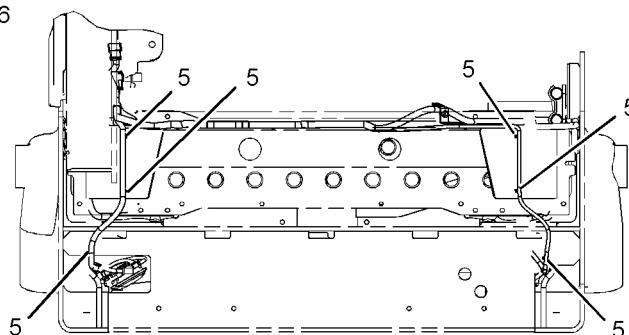
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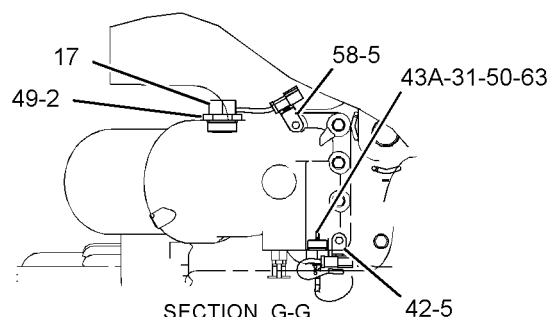
SECTION F-F



SECTION D-D



SECTION H-H



SECTION G-G

GRAPHIC #3

<END>

g01140985

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP

S/N: RJG529-565

PART OF 212-2741 CHASSIS AR

SMCS-1401, 1402, 1408

i03536449

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3E-7753	1	FLOAT AS	
	2	1	3T-9549	1	ADAPTER	
	3	1	6Y-6584	1	STRAP AS-GROUND	
	4	1,2	7G-1060	3	STRAP AS-GROUND	
C	5	1,2	7K-1181	109	STRAP-CABLE	
Y	6	2	7N-0719	1	SWITCH GP-DISCONNECT (BATTERY)	494
Y	6A	2	7N-0719	1	SWITCH GP-DISCONNECT (BATTERY) (STARTER)	494
C	7	1	7Y-3948	1	CABLE AS	
		1	1S-7251	2	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)	
		1	5P-0747	1	CABLE (00-GA, BLACK)	
	8	2	8S-4211	2	PLATE	
	9	2	8V-0622	1	CABLE AS (BATTERY 1 TO BATTERY 2)	
E		2	5P-0761		CABLE (00-GA, RED) (14-CM)	
		2	9G-0003	1	COVER-TERMINAL (BLACK)	
		2	9G-0004	1	COVER-TERMINAL (RED)	
		2	8C-5917	1	TERMINAL AS-BATTERY (POSITIVE)	
		2	8T-9757	1	TERMINAL AS-BATTERY (NEGATIVE)	
					(EACH TERMINAL AS INCLUDES)	
		2	1M-6119	1	BOLT (5/16-18X1.375-IN)	
		2	1M-6120	1	NUT (5/16-18-THD)	
	10	1	111-4402	1	FILTER-FOAM (FUEL TANK)	
Y	11	1	124-9325	1	SENSOR GP-FUEL LEVEL	447
C	12	1	139-2116	2	SWITCH AS-TOGGLE (UNDERHOOD SERVICE LIGHT)	
		1	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	6T-3631	2	NUT-HEX (15/32-32-THD)	
		1	6T-3632	1	LOCKWASHER	
		1	6T-3633	1	RING-LOCKING	
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	13	2	153-5710	2	BATTERY (12-VOLT, 1400-CCA)	
					(MAINTENANCE FREE)	
	14	2	153-6281	1	HOLD-DOWN-BATTERY	
	15	1	164-3651	1	ADAPTER	
Y	16	1	164-7577	1	SWITCH GP-BYPASS (POWER TRAIN OIL FILTER)	493
	17	1	174-7875	1	HORN AS (24-VOLT, HIGH TONE)	
	18	1,2	204-8000	3	MOUNT (TIE WRAP)	
	19	1	205-3079	1	ADAPTER	
	20	1	213-7005	1	HARNESS AS-CHASSIS (FENDER, RH)	
		1	126-1774	1	COVER-CONNECTOR	
		1	9X-6772	2	STRAP-CABLE	
		1	106-8704	2	SUPPRESSOR AS-ARC	
		1	155-2272	1	PLUG AS-CONNECTOR (4-PIN)	
		1	160-7689	1	PLUG AS-CONNECTOR (70-PIN)	
		1	102-8802	2	KIT-RECEPTACLE (2-PIN)	
		1	102-8803	3	KIT-RECEPTACLE (3-PIN)	
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)	
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2260	2	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	8	KIT-CONNECTING PLUG (2-PIN)	
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
		1	251-7591	1	WIRE AS	
	21	2	213-7021	1	RECEPTACLE AS-AUXILIARY START	
		2	1S-4915	2	LINER (CONDUIT)	

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

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NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	1S-7251	1	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)						
		2	4D-1248	1	TERMINAL (FOR 3/8-IN BOLT)						
E		2	5P-0695		CONDUIT (66-CM)						
E		2	5P-0747		CABLE (00-GA, BLACK) (30-CM)						
E		2	5P-0761		CABLE (00-GA, RED) (100-CM)						
		2	8N-0869	1	COVER-TERMINAL (RED)						
E		2	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (16-CM)						
E		2	114-8843		SLEEVE-PLASTIC (40-CM)						
	22	1	213-9100	1	ALARM GP (BACKUP)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
BD		1	5P-5623		WIRE-ELECTRICAL (16-GA, BLACK)						
		1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)						
E		1	9X-1813		SLEEVE (31-CM)						
	23	1	214-1067	1	HARNESS AS-CHASSIS (FENDER, LH)						
		1	160-7689	1	PLUG AS-CONNECTOR (70-PIN)						
		1	155-2272	4	PLUG AS-CONNECTOR (4-PIN)						
		1	102-8802	2	KIT-RECEPTACLE (2-PIN)						
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)						
		1	102-8801	2	KIT-RECEPTACLE (12-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2255	3	KIT-CONNECTING PLUG (12-PIN)						
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
		1	155-2270	12	KIT-CONNECTING PLUG (2-PIN)						
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)						
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
CY	24	1	219-6485	2	LAMP GP-FLOOD (24-VOLT) (UNDERHOOD SERVICE LIGHT)						402
	25	1	220-8397	1	WIRE AS						
	26	1	224-6316	1	ADAPTER						
	27	1	231-3472	1	PLATE AS						
	28	1	233-2804	1	HARNESS AS-TRANSMISSION						
		1	108-6259	1	PLUG AS-CONNECTOR (17-PIN)						
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
					(INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
	29	2	235-1594	1	PLATE AS						
	30	1	235-9762	1	PLATE AS						
	31	2	236-0846	1	CABLE AS (DISCONNECT TO PASS THROUGH)						
E		2	5P-0761		CABLE (00-GA, RED) (880-CM)						
		2	1S-4915	2	LINER (CONDUIT)						
		2	1S-7251	2	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)						
E		2	5P-0695		CONDUIT (68-CM)						
E		2	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (16-CM)						
		2	8N-0869	2	COVER-TERMINAL (RED)						
E		2	114-8843		SLEEVE-PLASTIC (40-CM)						
	32	2	236-0848	1	CABLE AS (DISCONNECT TO GROUND)						
E		2	5P-0747		CABLE (00-GA, BLACK) (100-CM)						
		2	1S-7252	1	TERMINAL-CABLE (00-GA, 3/8-IN BOLT)						
		2	4D-1248	1	TERMINAL (FOR 3/8-IN BOLT)						
E		2	114-8843		SLEEVE-PLASTIC (40-CM)						
	33	2	236-0849	1	CABLE AS (PASS THROUGH TO STARTER)						
E		2	5P-0761		CABLE (00-GA, RED) (180-CM)						
		2	1S-4915	2	LINER (CONDUIT)						
		2	1S-7251	2	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)						
E		2	5P-0695		CONDUIT (155-CM)						
		2	8N-0869	1	COVER-TERMINAL (RED)						
E		2	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (21-CM)						

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

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NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
E		2	114-8843		SLEEVE-PLASTIC (40-CM)						
	34	1	253-2673	1	SWITCH AS-PRESSURE (FAN FILTER BYPASS)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)						
E		1	9X-1813		SLEEVE (14-CM)						
C	35	1	275-2393	1	HARNESS AS-CHASSIS						
		1	102-8802	3	KIT-RECEPTACLE (2-PIN)						
		1	102-8805	3	KIT-RECEPTACLE (6-PIN)						
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)						
					(EACH KIT INCLUDES RECEPTACLE AS & WEDGE)						
		1	134-2540	2	RECEPTACLE AS (3-PIN)						
		1	155-2272	1	PLUG AS-CONNECTOR (4-PIN)						
		1	174-0503	2	KIT-CONNECTING PLUG (3-PIN)						
		1	155-2270	5	KIT-CONNECTING PLUG (2-PIN)						
		1	155-2274	3	KIT-CONNECTING PLUG (6-PIN)						
					(EACH KIT INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
		1	190-7613	1	RECEPTACLE AS-CONNECTOR (12-PIN)						
C	36	1	276-3507	1	HARNESS AS-POWER (UNDERHOOD SERVICE LIGHT)						
		1	102-8802	2	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2260	2	KIT-CONNECTING PLUG (3-PIN)						
		1	155-2270	2	KIT-CONNECTING PLUG (2-PIN)						
					(EACH KIT INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
C	37	2	277-0642	1	JUNCTION BLOCK						
C	38	2	280-7095	1	CABLE AS (BUS TO PASS THROUGH)						
E		2	5P-0747		CABLE (00-GA, BLACK) (68-CM)						
		2	1S-4915	2	LINER (CONDUIT)						
		2	1S-7252	2	TERMINAL-CABLE (00-GA, 3/8-IN BOLT)						
E		2	5P-0695		CONDUIT (40-CM)						
		2	9G-8909	1	COVER-TERMINAL (BLACK)						
		2	9X-0195	1	TERMINAL (FOR 3/8-IN BOLT)						
		2	9X-5699	1	BOOT						
E		2	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (16-CM)						
E		2	114-8843		SLEEVE-PLASTIC (40-CM)						
C	39	2	280-7128	1	PLATE AS						
C	40	1	132-5789	3	CLIP						
Y	41	1	145-7028	1	SENSOR GP-TEMPERATURE (HYDRAULIC OIL)						469
Y	41A	1	145-7028	1	SENSOR GP-TEMPERATURE (TRANSMISSION SUMP)						469
C	42	1	150-5931	3	GROMMET						
	43	1	163-1201	1	HORN AS (24-VOLT, LOW TONE)						
C	44	1, 2	193-3973	27	STRAP-CABLE						
	45	1	1J-9671	2	SEAL-O-RING						
Y	46	1	237-0957	2	SENSOR GP-PRESSURE (MAIN, TILT PUMP)						459
	47	1	2S-4078	1	SEAL-O-RING						
	48	1	3D-2824	1	SEAL-O-RING						
	49	1	3J-1907	3	SEAL-O-RING						
	50	1	3K-0360	1	SEAL-O-RING						
	51	2	3K-6060	2	LOCKNUT (3/8-16-THD)						
	52	2	4L-6454	4	BOLT (3/8-16X1-IN)						
	53	1	4P-7428	1	CLIP						
	54	1	4P-7429	3	CLIP						
C	55	2	4P-7581	2	CLIP						
C	56	1	4P-8134	3	CLIP						
	57	1	5P-4674	1	ADAPTER-O-RING						
	58	1	5S-7379	2	BOLT (3/8-16X0.875-IN)						
	59	1	6V-5051	1	SEAL-O-RING						
	60	1, 2	7B-1251	7	GROMMET						

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

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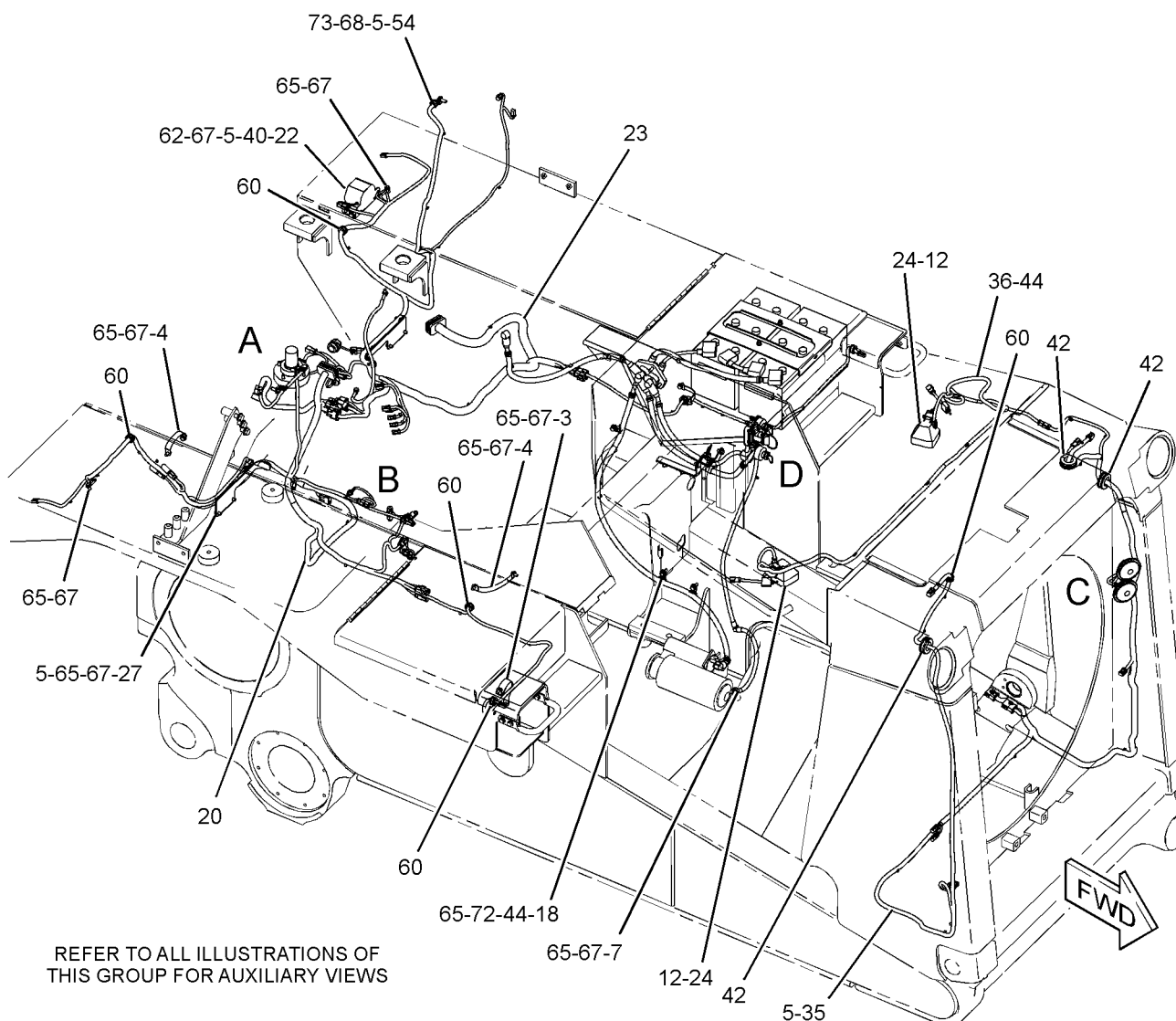
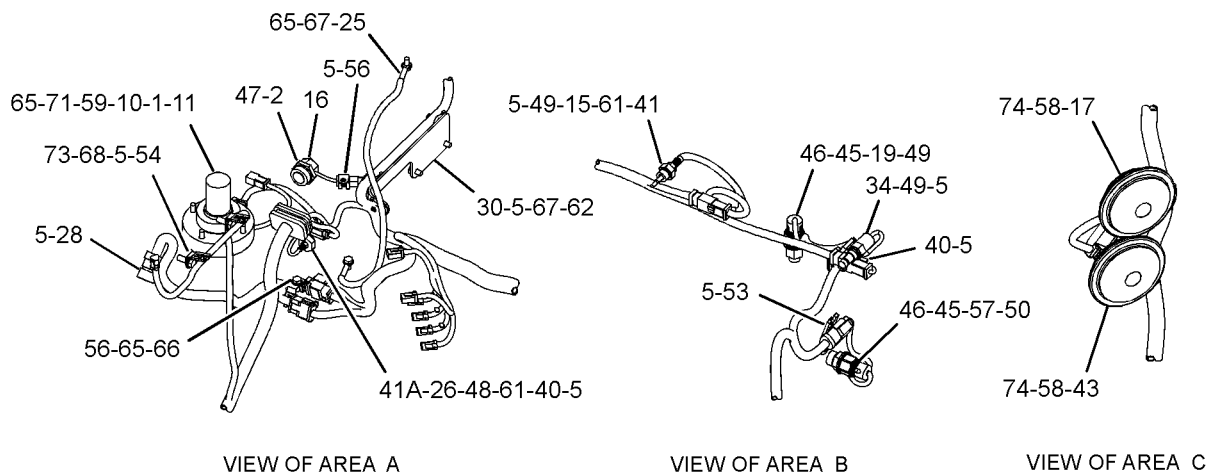
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	61	1	7J-0204	2	SEAL-O-RING	
	62	1, 2	7X-7729	3	WASHER (11X25X3-MM THK)	
C	63	2	8S-0948	1	CLIP	
	64	2	8S-2634	1	COVER AS	
		2	2P-2975	2	SEAL-O-RING	
	65	1, 2	8T-4121	32	WASHER-HARD (11X21X2.5-MM THK)	
M	66	1	8T-4136	1	BOLT (M10X1.5X25-MM)	
CM	67	1, 2	8T-4137	24	BOLT (M10X1.5X20-MM)	
M	68	1	8T-4139	3	BOLT (M12X1.75X30-MM)	
CM	69	2	8T-4179	2	BOLT (M12X1.75X20-MM)	
CM	70	2	8T-4182	3	BOLT (M10X1.5X45-MM)	
M	71	1	8T-4185	4	BOLT (M10X1.5X50-MM)	
M	72	1, 2	8T-4195	3	BOLT (M10X1.5X30-MM)	
C	73	1, 2	8T-4223	5	WASHER-HARD (13.5X25.5X3-MM THK)	
	74	1, 2	8T-4896	8	WASHER-HARD (10.2X18.5X2.5-MM THK)	

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

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

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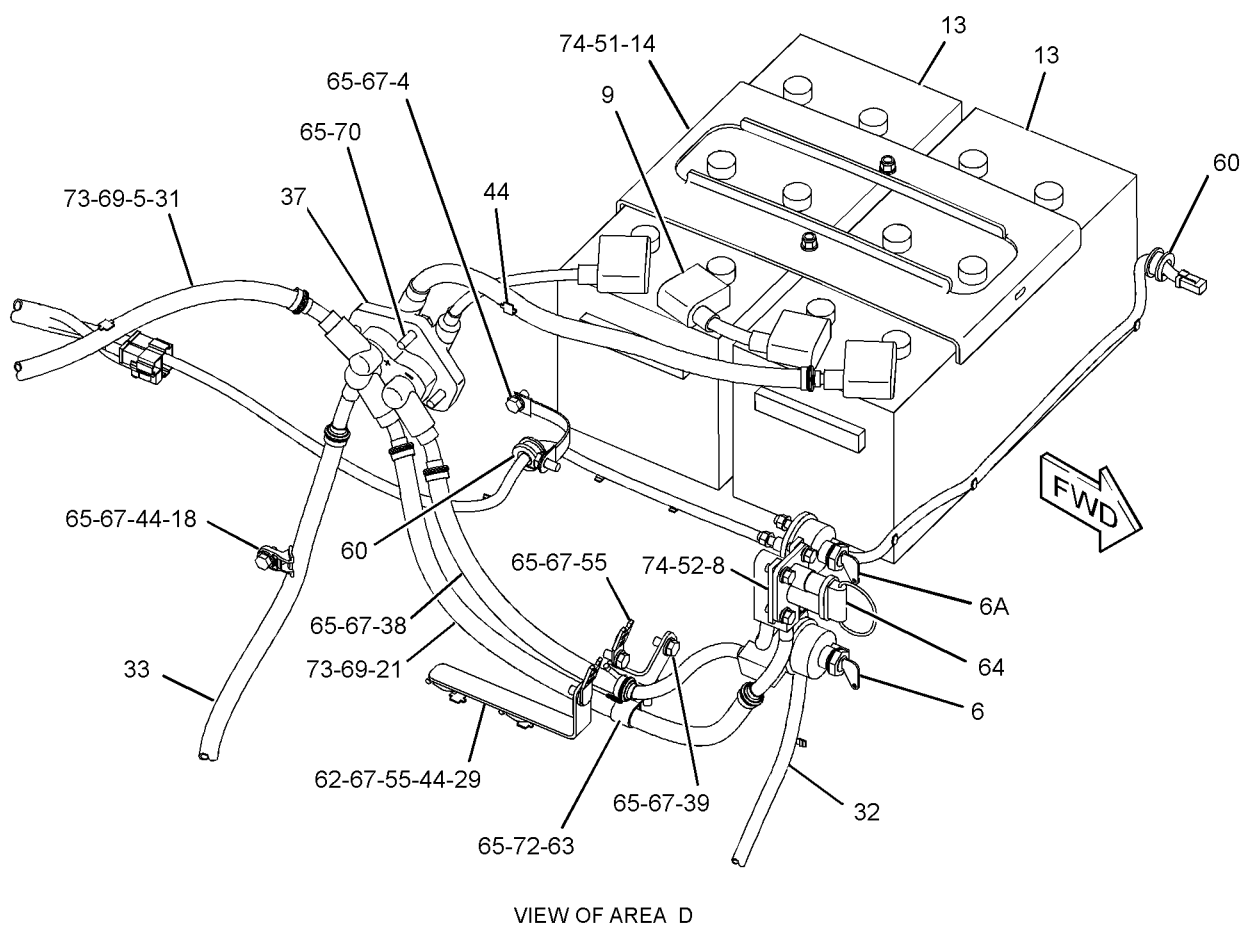
GRAPHIC #1

g01232932

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

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GRAPHIC #2

<END>

g01864695

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP

S/N: RJG566-999

PART OF 212-2741 CHASSIS AR

SMCS-1401, 1402, 1408

i03536450

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3E-7753	1	FLOAT AS	
	2	1	3T-9549	1	ADAPTER	
	3	1	6Y-6584	1	STRAP AS-GROUND	
	4	1, 2	7G-1060	3	STRAP AS-GROUND (CHASSIS)	
	5	1, 2	7K-1181	109	STRAP-CABLE	
Y	6	2	7N-0719	1	SWITCH GP-DISCONNECT (BATTERY) (STARTER)	494
Y	6A	2	7N-0719	1	SWITCH GP-DISCONNECT (BATTERY)	494
	7	1	7Y-3948	1	CABLE AS	
		1	1S-7251	2	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)	
E		1	5P-0747		CABLE (00-GA, BLACK) (42-CM)	
	8	2	8S-4211	2	PLATE	
	9	2	8V-0622	1	CABLE AS (BATTERY 1 TO BATTERY 2)	
E		2	5P-0761		CABLE (00-GA, RED) (14-CM)	
		2	9G-0003	1	COVER-TERMINAL (BLACK)	
		2	9G-0004	1	COVER-TERMINAL (RED)	
		2	8C-5917	1	TERMINAL AS-BATTERY (POSITIVE)	
		2	8T-9757	1	TERMINAL AS-BATTERY (NEGATIVE)	
					(EACH TERMINAL AS INCLUDES)	
		2	1M-6119	1	BOLT (5/16-18X1.375-IN)	
		2	1M-6120	1	NUT (5/16-18-THD)	
	10	1	111-4402	1	FILTER-FOAM (FUEL TANK)	
Y	11	1	124-9325	1	SENSOR GP-FUEL LEVEL	447
	12	1	139-2116	2	SWITCH AS-TOGGLE (UNDERHOOD SERVICE LIGHT)	
					(EACH INCLUDES)	
		1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)	
		1	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	6T-3631	2	NUT-HEX (15/32-32-THD)	
		1	6T-3632	1	LOCKWASHER	
		1	6T-3633	1	RING-LOCKING	
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	13	2	153-5710	2	BATTERY (12-VOLT, 1400-CCA)	
					(MAINTENANCE FREE)	
	14	2	153-6281	1	HOLD-DOWN-BATTERY	
	15	1	164-3651	1	ADAPTER	
Y	16	1	164-7577	1	SWITCH GP-BYPASS (POWER TRAIN OIL FILTER)	493
	17	1	174-7875	1	HORN AS (24-VOLT, HIGH TONE)	
	18	1, 2	204-8000	3	MOUNT (TIE WRAP)	
	19	1	205-3079	1	ADAPTER	
	20	1	213-7005	1	HARNESS AS-CHASSIS (FENDER, RH)	
		1	126-1774	1	COVER-CONNECTOR	
		1	9X-6772	2	STRAP-CABLE	
		1	106-8704	2	SUPPRESSOR AS-ARC	
		1	160-7689	1	PLUG AS-CONNECTOR (70-PIN)	
		1	102-8802	2	KIT-RECEPTACLE (2-PIN)	
		1	102-8803	3	KIT-RECEPTACLE (3-PIN)	
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)	
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2260	2	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	8	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2271	1	KIT-CONNECTING PLUG (4-PIN)	
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
	21	2	213-7021	1	RECEPTACLE AS-AUXILIARY START	

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

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NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	1S-4915	2	LINER (CONDUIT)						
		2	1S-7251	1	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)						
		2	4D-1248	1	TERMINAL (FOR 3/8-IN BOLT)						
E		2	5P-0695		CONDUIT (66-CM)						
E		2	5P-0747		CABLE (00-GA, BLACK) (30-CM)						
E		2	5P-0761		CABLE (00-GA, RED) (100-CM)						
		2	8N-0869	1	COVER-TERMINAL (RED)						
E		2	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (16-CM)						
E		2	114-8843		SLEEVE-PLASTIC (40-CM)						
	22	1	213-9100	1	ALARM GP (BACKUP)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
D		1	5P-5623		WIRE-ELECTRICAL (16-GA, BLACK) (0.8-M)						
		1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)						
E		1	9X-1813		SLEEVE (31-CM)						
	23	1	214-1067	1	HARNESS AS-CHASSIS (FENDER, LH)						
		1	252-1788	1	WIRE AS						
		1	160-7689	1	PLUG AS-CONNECTOR (70-PIN)						
		1	102-8802	2	KIT-RECEPTACLE (2-PIN)						
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)						
		1	102-8801	2	KIT-RECEPTACLE (12-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2255	3	KIT-CONNECTING PLUG (12-PIN)						
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
		1	155-2270	12	KIT-CONNECTING PLUG (2-PIN)						
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)						
		1	155-2271	4	KIT-CONNECTING PLUG (4-PIN)						
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
Y	24	1	219-6485	2	LAMP GP-FLOOD (24-VOLT) (UNDERHOOD SERVICE LIGHT)						402
	25	1	220-8397	1	WIRE AS						
	26	1	224-6316	1	ADAPTER						
	27	1	231-3472	1	PLATE AS						
		1	7T-1099	3	LINK						
C	28	1	283-9854	1	HARNESS AS-TRANSMISSION						
		1	154-3172	1	PLUG AS (14-PIN)						
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
					(INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
	29	2	235-1594	1	PLATE AS						
		2	7T-1099	2	LINK						
	30	1	235-9762	1	PLATE AS						
		1	7T-1099	3	LINK						
	31	2	236-0846	1	CABLE AS (BUS TO PASS THROUGH)						
E		2	5P-0761		CABLE (00-GA, RED) (880-CM)						
		2	1S-4915	2	LINER (CONDUIT)						
		2	1S-7251	2	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)						
E		2	5P-0695		CONDUIT (68-CM)						
E		2	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (16-CM)						
		2	8N-0869	2	COVER-TERMINAL (RED)						
E		2	114-8843		SLEEVE-PLASTIC (40-CM)						
	32	2	236-0848	1	CABLE AS (DISCONNECT TO GROUND)						
E		2	5P-0747		CABLE (00-GA, BLACK) (100-CM)						
		2	1S-7252	1	TERMINAL-CABLE (00-GA, 3/8-IN BOLT)						
		2	4D-1248	1	TERMINAL (FOR 3/8-IN BOLT)						
E		2	114-8843		SLEEVE-PLASTIC (40-CM)						
	33	2	236-0849	1	CABLE AS (PASS THROUGH TO STARTER)						
E		2	5P-0761		CABLE (00-GA, RED) (180-CM)						

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

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NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	1S-4915	2	LINER (CONDUIT)						
		2	1S-7251	2	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)						
E		2	5P-0695		CONDUIT (155-CM)						
		2	8N-0869	1	COVER-TERMINAL (RED)						
E		2	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (21-CM)						
E		2	114-8843		SLEEVE-PLASTIC (40-CM)						
	34	1	253-2673	1	SWITCH AS-PRESSURE (FAN FILTER BYPASS)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)						
E		1	9X-1813		SLEEVE (14-CM)						
		1	3J-1907	1	SEAL-O-RING						
		1	5F-9144	1	SEAL-O-RING						
	35	1	275-2393	1	HARNESS AS-CHASSIS						
		1	102-8802	3	KIT-RECEPTACLE (2-PIN)						
		1	102-8805	3	KIT-RECEPTACLE (6-PIN)						
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		1	134-2540	2	RECEPTACLE AS (3-PIN)						
		1	155-2271	1	KIT-CONNECTING PLUG (4-PIN)						
		1	174-0503	2	KIT-CONNECTING PLUG (3-PIN)						
		1	155-2270	5	KIT-CONNECTING PLUG (2-PIN)						
		1	155-2274	3	KIT-CONNECTING PLUG (6-PIN)						
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
		1	190-7613	1	RECEPTACLE AS-CONNECTOR (12-PIN)						
	36	1	276-3507	1	HARNESS AS-POWER (UNDERHOOD SERVICE LIGHT)						
		1	102-8802	2	KIT-RECEPTACLE (2-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2260	2	KIT-CONNECTING PLUG (3-PIN)						
		1	155-2270	2	KIT-CONNECTING PLUG (2-PIN)						
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
	37	2	277-0642	1	JUNCTION BLOCK						
	38	2	280-7095	1	CABLE AS (DISCONNECT TO PASS THROUGH)						
E		2	5P-0747		CABLE (00-GA, BLACK) (68-CM)						
		2	1S-4915	2	LINER (CONDUIT)						
		2	1S-7252	2	TERMINAL-CABLE (00-GA, 3/8-IN BOLT)						
E		2	5P-0695		CONDUIT (40-CM)						
		2	9G-8909	1	COVER-TERMINAL (BLACK)						
		2	9X-0195	1	TERMINAL (FOR 3/8-IN BOLT)						
		2	9X-5699	1	BOOT						
E		2	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (16-CM)						
E		2	114-8843		SLEEVE-PLASTIC (40-CM)						
	39	2	280-7128	1	PLATE AS						
	40	1	132-5789	3	CLIP						
Y	41	1	145-7028	1	SENSOR GP-TEMPERATURE (HYDRAULIC OIL)						469
Y	41A	1	145-7028	1	SENSOR GP-TEMPERATURE (TRANSMISSION SUMP)						469
	42	1	150-5931	3	GROMMET						
	43	1	163-1201	1	HORN AS (24-VOLT, LOW TONE)						
	44	1, 2	193-3973	27	STRAP-CABLE						
	45	1	1J-9671	2	SEAL-O-RING						
Y	46	1	237-0957	2	SENSOR GP-PRESSURE (MAIN, TILT PUMP)						459
	47	1	2S-4078	1	SEAL-O-RING						
	48	1	3D-2824	1	SEAL-O-RING						
	49	1	3J-1907	3	SEAL-O-RING						
	50	1	3K-0360	1	SEAL-O-RING						
	51	2	3K-6060	2	LOCKNUT (3/8-16-THD)						
	52	2	4L-6454	4	BOLT (3/8-16X1-IN)						
	53	1	4P-7428	1	CLIP						

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

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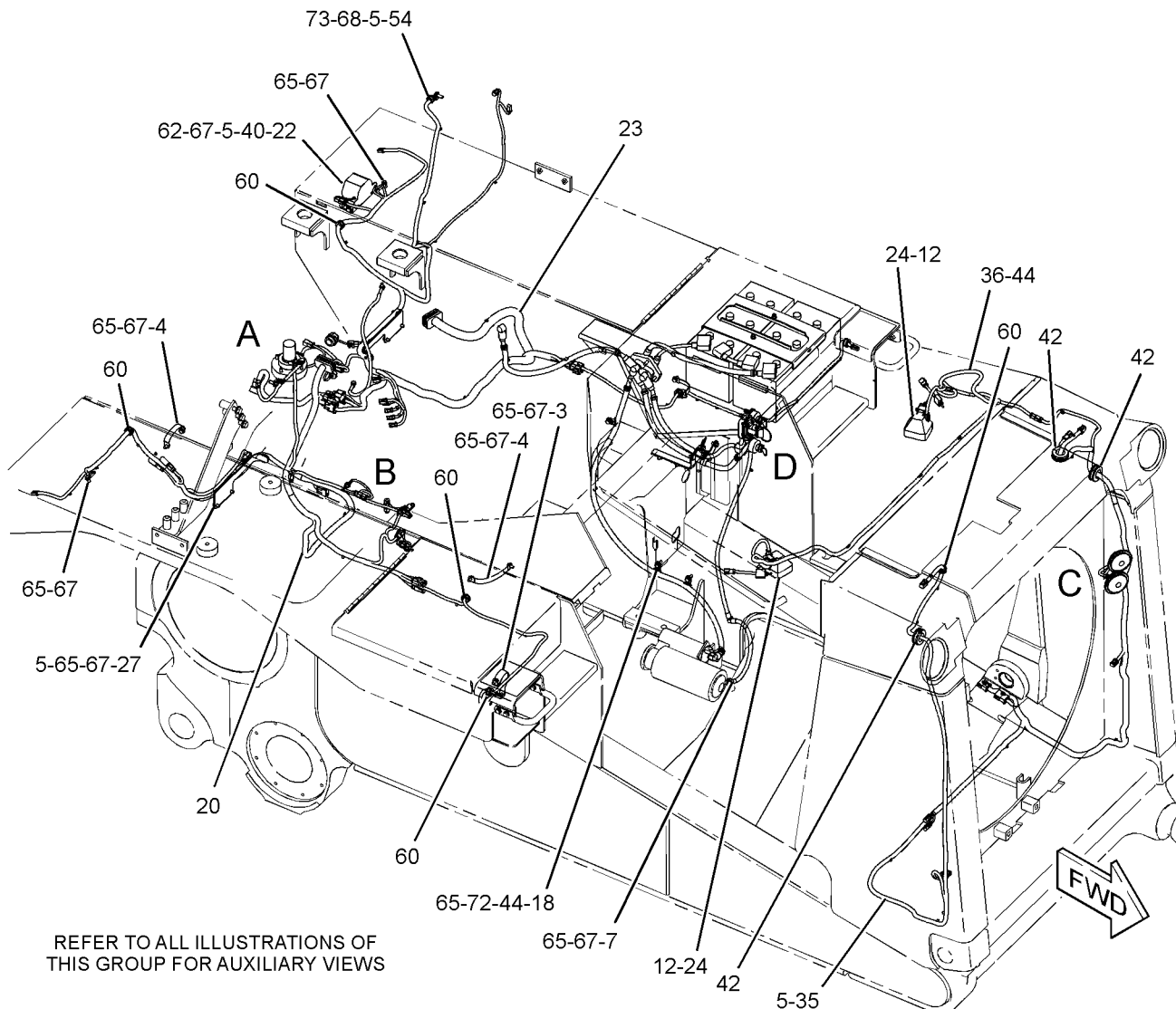
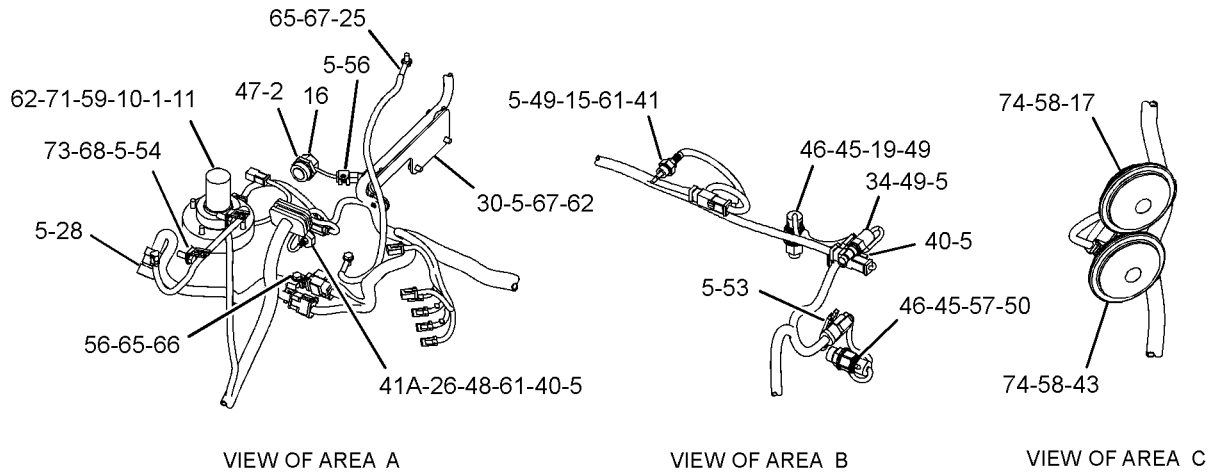
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	54	1	4P-7429	3	CLIP						
	55	2	4P-7581	2	CLIP						
	56	1	4P-8134	3	CLIP						
	57	1	5P-4674	1	ADAPTER-O-RING						
	58	1	5S-7379	2	BOLT (3/8-16X0.875-IN)						
	59	1	6V-5051	1	SEAL-O-RING						
	60	1,2	7B-1251	7	GROMMET						
	61	1	7J-0204	2	SEAL-O-RING						
	62	1,2	7X-7729	7	WASHER (11X25X3-MM THK)						
	63	2	8S-0948	1	CLIP						
	64	2	8S-2634	1	COVER AS						
	65	1,2	8T-4121	28	WASHER-HARD (11X21X2.5-MM THK)						
M	66	1	8T-4136	1	BOLT (M10X1.5X25-MM)						
M	67	1,2	8T-4137	24	BOLT (M10X1.5X20-MM)						
M	68	1	8T-4139	3	BOLT (M12X1.75X30-MM)						
M	69	2	8T-4179	2	BOLT (M12X1.75X20-MM)						
M	70	2	8T-4182	3	BOLT (M10X1.5X45-MM)						
M	71	1	8T-4185	4	BOLT (M10X1.5X50-MM)						
M	72	1,2	8T-4195	3	BOLT (M10X1.5X30-MM)						
	73	1,2	8T-4223	5	WASHER-HARD (13.5X25.5X3-MM THK)						
	74	1,2	8T-4896	8	WASHER-HARD (10.2X18.5X2.5-MM THK)						

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

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

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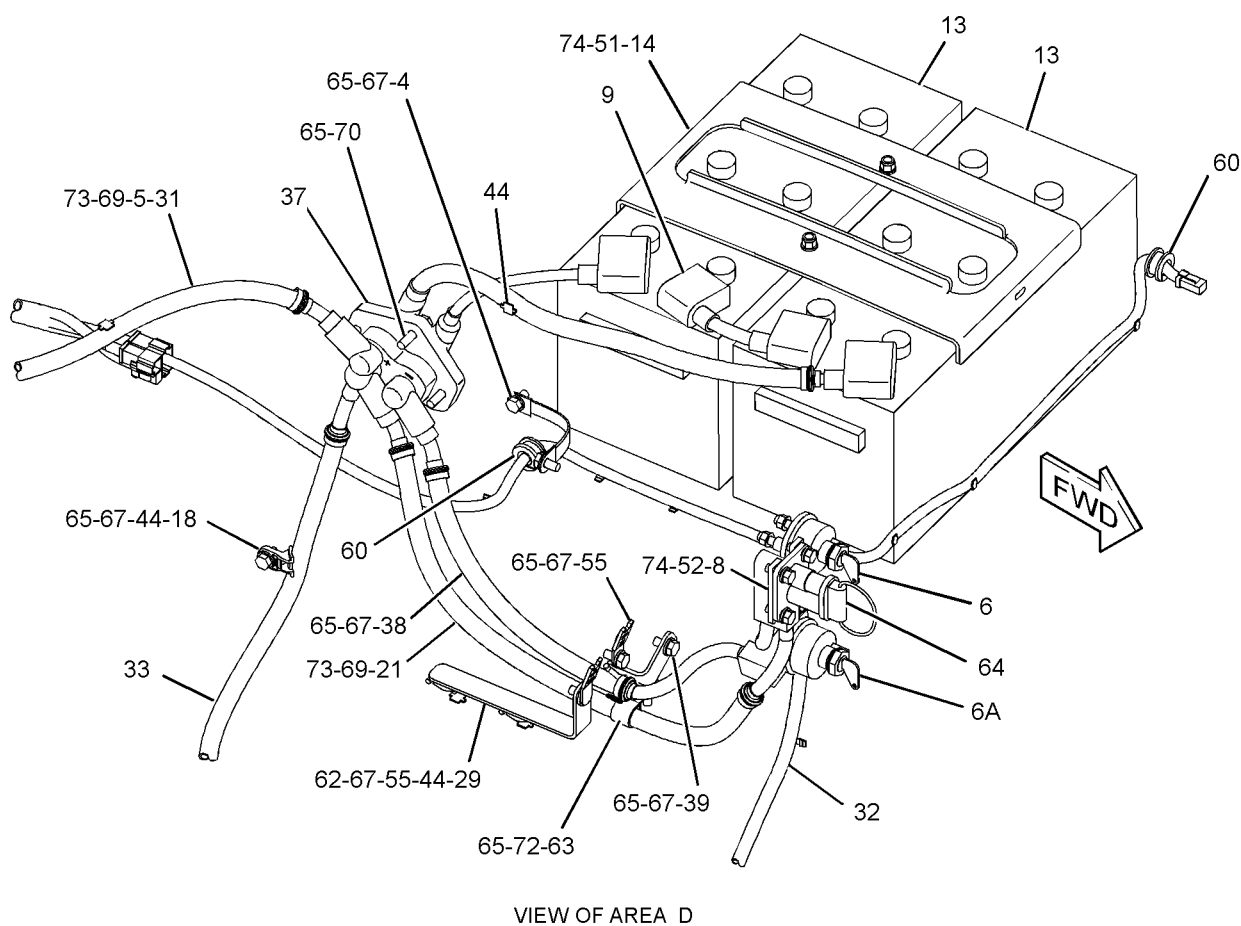
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ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

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GRAPHIC #2

<END>

g01318900

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP

S/N: RJG1000-1099

PART OF 212-2741 CHASSIS AR

SMCS-1401, 1402, 1408

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NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3E-7753	1	FLOAT AS	
	2	1	3T-9549	1	ADAPTER	
	3	1	6Y-6584	1	STRAP AS-GROUND	
	4	1, 2	7G-1060	3	STRAP AS-GROUND (CHASSIS)	
	5	1, 2	7K-1181	109	STRAP-CABLE	
Y	6	2	7N-0719	1	SWITCH GP-DISCONNECT (BATTERY) (STARTER)	494
Y	6A	2	7N-0719	1	SWITCH GP-DISCONNECT (BATTERY)	494
	7	1	7Y-3948	1	CABLE AS	
		1	1S-7251	2	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)	
E		1	5P-0747		CABLE (00-GA, BLACK) (42-CM)	
	8	2	8S-4211	2	PLATE	
	9	2	8V-0622	1	CABLE AS (BATTERY 1 TO BATTERY 2)	
E		2	5P-0761		CABLE (00-GA, RED) (14-CM)	
		2	9G-0003	1	COVER-TERMINAL (BLACK)	
		2	9G-0004	1	COVER-TERMINAL (RED)	
		2	8C-5917	1	TERMINAL AS-BATTERY (POSITIVE)	
		2	8T-9757	1	TERMINAL AS-BATTERY (NEGATIVE) (EACH TERMINAL AS INCLUDES)	
		2	1M-6119	1	BOLT (5/16-18X1.375-IN)	
		2	1M-6120	1	NUT (5/16-18-THD)	
	10	1	111-4402	1	FILTER-FOAM (FUEL TANK)	
CY	11	1	303-6341	1	SENSOR GP-FUEL LEVEL	448
		1	311-2124	4	SPACER-SPECIAL	
		1	102-8804	1	KIT-RECEPTACLE (4-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
		1	186-3735	4	PIN-CONNECTOR (16-GA TO 18-GA)	
E		1	9X-1813		SLEEVE (40-CM)	
	12	1	139-2116	2	SWITCH AS-TOGGLE (UNDERHOOD SERVICE LIGHT) (EACH INCLUDES)	
		1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)	
		1	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	6T-3631	2	NUT-HEX (15/32-32-THD)	
		1	6T-3632	1	LOCKWASHER	
		1	6T-3633	1	RING-LOCKING	
		1	102-8803	1	KIT-RECEPTACLE (3-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
	13	2	153-5710	2	BATTERY (12-VOLT, 1400-CCA) (MAINTENANCE FREE)	
	14	2	153-6281	1	HOLD-DOWN-BATTERY	
	15	1	164-3651	1	ADAPTER	
Y	16	1	164-7577	1	SWITCH GP-BYPASS (POWER TRAIN OIL FILTER)	493
	17	1	174-7875	1	HORN AS (24-VOLT, HIGH TONE)	
	18	1, 2	204-8000	3	MOUNT (TIE WRAP)	
	19	1	205-3079	1	ADAPTER	
	20	1	213-7005	1	HARNESS AS-CHASSIS (FENDER, RH)	
		1	126-1774	1	COVER-CONNECTOR	
		1	9X-6772	2	STRAP-CABLE	
		1	106-8704	2	SUPPRESSOR AS-ARC	
		1	160-7689	1	PLUG AS-CONNECTOR (70-PIN)	
		1	102-8802	2	KIT-RECEPTACLE (2-PIN)	
		1	102-8803	3	KIT-RECEPTACLE (3-PIN)	
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)	
		1	102-8801	1	KIT-RECEPTACLE (12-PIN) (EACH INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2260	2	KIT-CONNECTING PLUG (3-PIN)	

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

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NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	155-2270	8	KIT-CONNECTING PLUG (2-PIN)						
		1	155-2271	1	KIT-CONNECTING PLUG (4-PIN)						
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
	21	2	213-7021	1	RECEPTACLE AS-AUXILIARY START						
		2	1S-4915	2	LINER (CONDUIT)						
		2	1S-7251	1	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)						
		2	4D-1248	1	TERMINAL (FOR 3/8-IN BOLT)						
E		2	5P-0695		CONDUIT (66-CM)						
E		2	5P-0747		CABLE (00-GA, BLACK) (30-CM)						
E		2	5P-0761		CABLE (00-GA, RED) (100-CM)						
		2	8N-0869	1	COVER-TERMINAL (RED)						
E		2	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (16-CM)						
E		2	114-8843		SLEEVE-PLASTIC (40-CM)						
	22	1	213-9100	1	ALARM GP (BACKUP)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
D		1	5P-5623		WIRE-ELECTRICAL (16-GA, BLACK) (0.8-M)						
		1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)						
E		1	9X-1813		SLEEVE (31-CM)						
	23	1	214-1067	1	HARNESS AS-CHASSIS (FENDER, LH)						
		1	252-1788	1	WIRE AS						
		1	160-7689	1	PLUG AS-CONNECTOR (70-PIN)						
		1	102-8802	2	KIT-RECEPTACLE (2-PIN)						
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)						
		1	102-8801	2	KIT-RECEPTACLE (12-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2255	3	KIT-CONNECTING PLUG (12-PIN)						
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
		1	155-2270	12	KIT-CONNECTING PLUG (2-PIN)						
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)						
		1	155-2271	4	KIT-CONNECTING PLUG (4-PIN)						
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
Y	24	1	219-6485	2	LAMP GP-FLOOD (24-VOLT) (UNDERHOOD SERVICE LIGHT)						402
	25	1	220-8397	1	WIRE AS						
	26	1	224-6316	1	ADAPTER						
	27	1	231-3472	1	PLATE AS						
		1	7T-1099	3	LINK						
	28	1	283-9854	1	HARNESS AS-TRANSMISSION						
		1	154-3172	1	PLUG AS (14-PIN)						
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
					(INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
	29	2	235-1594	1	PLATE AS						
		2	7T-1099	2	LINK						
	30	1	235-9762	1	PLATE AS						
		1	7T-1099	3	LINK						
	31	2	236-0846	1	CABLE AS (BUS TO PASS THROUGH)						
E		2	5P-0761		CABLE (00-GA, RED) (880-CM)						
		2	1S-4915	2	LINER (CONDUIT)						
		2	1S-7251	2	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)						
E		2	5P-0695		CONDUIT (68-CM)						
E		2	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (16-CM)						
		2	8N-0869	2	COVER-TERMINAL (RED)						
E		2	114-8843		SLEEVE-PLASTIC (40-CM)						
	32	2	236-0848	1	CABLE AS (DISCONNECT TO GROUND)						
E		2	5P-0747		CABLE (00-GA, BLACK) (100-CM)						

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

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NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	1S-7252	1	TERMINAL-CABLE (00-GA, 3/8-IN BOLT)						
		2	4D-1248	1	TERMINAL (FOR 3/8-IN BOLT)						
E		2	114-8843		SLEEVE-PLASTIC (40-CM)						
	33	2	236-0849	1	CABLE AS (PASS THROUGH TO STARTER)						
E		2	5P-0761		CABLE (00-GA, RED) (180-CM)						
		2	1S-4915	2	LINER (CONDUIT)						
		2	1S-7251	2	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)						
E		2	5P-0695		CONDUIT (155-CM)						
		2	8N-0869	1	COVER-TERMINAL (RED)						
E		2	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (21-CM)						
E		2	114-8843		SLEEVE-PLASTIC (40-CM)						
	34	1	253-2673	1	SWITCH AS-PRESSURE (FAN FILTER BYPASS)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)						
E		1	9X-1813		SLEEVE (14-CM)						
		1	3J-1907	1	SEAL-O-RING						
		1	5F-9144	1	SEAL-O-RING						
	35	1	275-2393	1	HARNESS AS-CHASSIS						
		1	102-8802	3	KIT-RECEPTACLE (2-PIN)						
		1	102-8805	3	KIT-RECEPTACLE (6-PIN)						
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		1	134-2540	2	RECEPTACLE AS (3-PIN)						
		1	155-2271	1	KIT-CONNECTING PLUG (4-PIN)						
		1	174-0503	2	KIT-CONNECTING PLUG (3-PIN)						
		1	155-2270	5	KIT-CONNECTING PLUG (2-PIN)						
		1	155-2274	3	KIT-CONNECTING PLUG (6-PIN)						
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
		1	190-7613	1	RECEPTACLE AS-CONNECTOR (12-PIN)						
36		1	276-3507	1	HARNESS AS-POWER (UNDERHOOD SERVICE LIGHT)						
		1	102-8802	2	KIT-RECEPTACLE (2-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2260	2	KIT-CONNECTING PLUG (3-PIN)						
		1	155-2270	2	KIT-CONNECTING PLUG (2-PIN)						
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
37		2	277-0642	1	JUNCTION BLOCK						
38		2	280-7095	1	CABLE AS (DISCONNECT TO PASS THROUGH)						
E		2	5P-0747		CABLE (00-GA, BLACK) (68-CM)						
		2	1S-4915	2	LINER (CONDUIT)						
		2	1S-7252	2	TERMINAL-CABLE (00-GA, 3/8-IN BOLT)						
E		2	5P-0695		CONDUIT (40-CM)						
		2	9G-8909	1	COVER-TERMINAL (BLACK)						
		2	9X-0195	1	TERMINAL (FOR 3/8-IN BOLT)						
		2	9X-5699	1	BOOT						
E		2	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (16-CM)						
E		2	114-8843		SLEEVE-PLASTIC (40-CM)						
	39	2	280-7128	1	PLATE AS						
	40	1	132-5789	3	CLIP						
Y	41	1	145-7028	1	SENSOR GP-TEMPERATURE (HYDRAULIC OIL)						469
Y	41A	1	145-7028	1	SENSOR GP-TEMPERATURE (TRANSMISSION SUMP)						469
	42	1	150-5931	3	GROMMET						
	43	1	163-1201	1	HORN AS (24-VOLT, LOW TONE)						
	44	1, 2	193-3973	27	STRAP-CABLE						
	45	1	1J-9671	2	SEAL-O-RING						
Y	46	1	237-0957	2	SENSOR GP-PRESSURE (MAIN, TILT PUMP)						459
	47	1	2S-4078	1	SEAL-O-RING						
	48	1	3D-2824	1	SEAL-O-RING						

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

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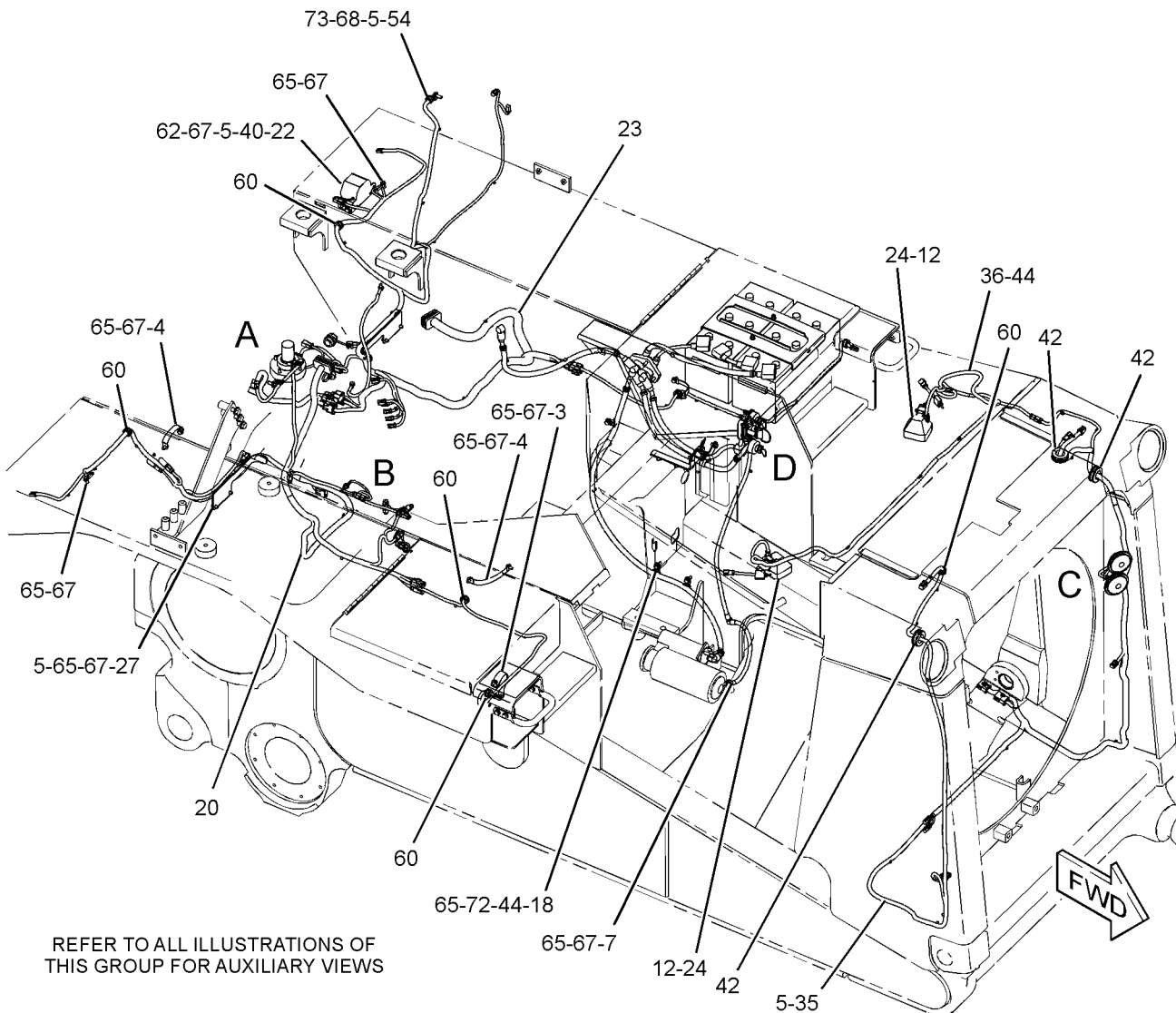
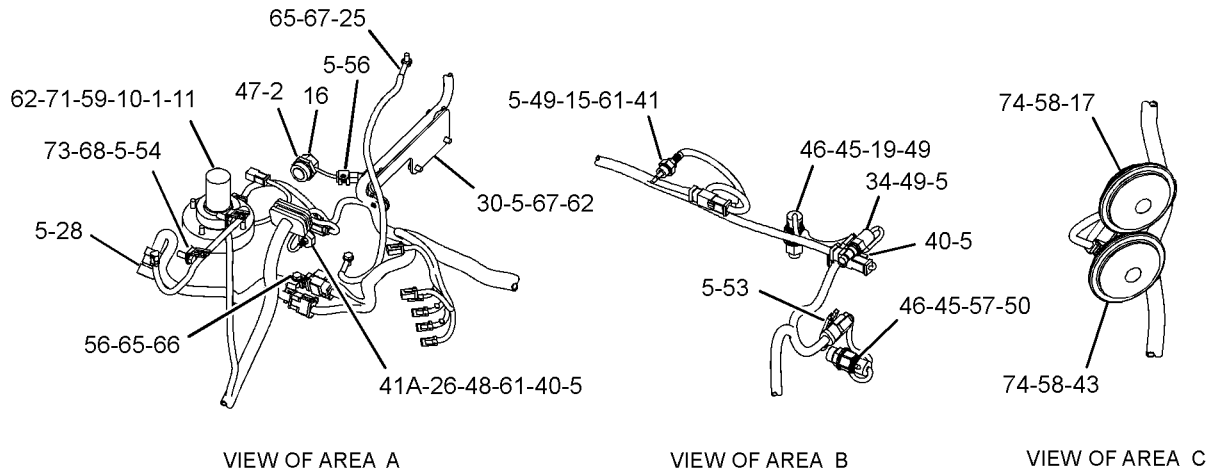
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	49	1	3J-1907	3	SEAL-O-RING						
	50	1	3K-0360	1	SEAL-O-RING						
	51	2	3K-6060	2	LOCKNUT (3/8-16-THD)						
	52	2	4L-6454	4	BOLT (3/8-16X1-IN)						
	53	1	4P-7428	1	CLIP						
	54	1	4P-7429	3	CLIP						
	55	2	4P-7581	2	CLIP						
	56	1	4P-8134	3	CLIP						
	57	1	5P-4674	1	ADAPTER-O-RING						
	58	1	5S-7379	2	BOLT (3/8-16X0.875-IN)						
	59	1	6V-5051	1	SEAL-O-RING						
	60	1,2	7B-1251	7	GROMMET						
	61	1	7J-0204	2	SEAL-O-RING						
	62	1,2	7X-7729	7	WASHER (11X25X3-MM THK)						
	63	2	8S-0948	1	CLIP						
	64	2	8S-2634	1	COVER AS						
	65	1,2	8T-4121	28	WASHER-HARD (11X21X2.5-MM THK)						
M	66	1	8T-4136	1	BOLT (M10X1.5X25-MM)						
M	67	1,2	8T-4137	24	BOLT (M10X1.5X20-MM)						
M	68	1	8T-4139	3	BOLT (M12X1.75X30-MM)						
M	69	2	8T-4179	2	BOLT (M12X1.75X20-MM)						
M	70	2	8T-4182	3	BOLT (M10X1.5X45-MM)						
M	71	1	8T-4185	4	BOLT (M10X1.5X50-MM)						
M	72	1,2	8T-4195	3	BOLT (M10X1.5X30-MM)						
	73	1,2	8T-4223	5	WASHER-HARD (13.5X25.5X3-MM THK)						
	74	1,2	8T-4896	8	WASHER-HARD (10.2X18.5X2.5-MM THK)						

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

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

i03536451



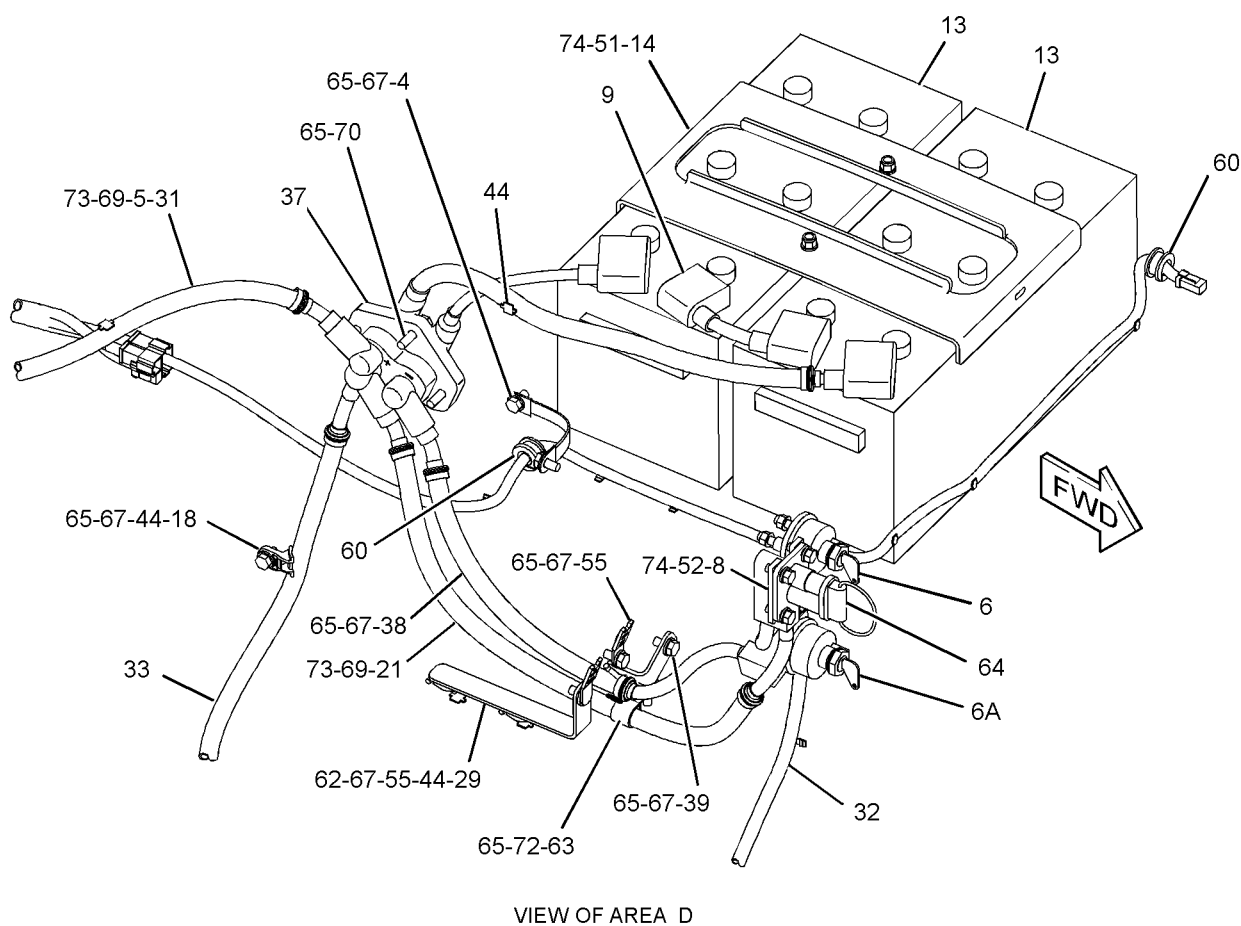
GRAPHIC #1

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ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

i03536451



GRAPHIC #2

<END>

g01318900

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP

S/N: RJG1100-1110

PART OF 212-2741 CHASSIS AR

SMCS-1401, 1402, 1408

i03536454

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3E-7753	1	FLOAT AS	
	2	1	3T-9549	1	ADAPTER	
	3	1	6Y-6584	1	STRAP AS-GROUND	
	4	1, 2	7G-1060	3	STRAP AS-GROUND (CHASSIS)	
	5	1, 2	7K-1181	109	STRAP-CABLE	
Y	6	2	7N-0719	1	SWITCH GP-DISCONNECT (BATTERY) (STARTER)	494
Y	6A	2	7N-0719	1	SWITCH GP-DISCONNECT (BATTERY)	494
	7	1	7Y-3948	1	CABLE AS	
		1	1S-7251	2	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)	
E		1	5P-0747		CABLE (00-GA, BLACK) (42-CM)	
	8	2	8S-4211	2	PLATE	
	9	2	8V-0622	1	CABLE AS (BATTERY 1 TO BATTERY 2)	
E		2	5P-0761		CABLE (00-GA, RED) (14-CM)	
		2	9G-0003	1	COVER-TERMINAL (BLACK)	
		2	9G-0004	1	COVER-TERMINAL (RED)	
		2	8C-5917	1	TERMINAL AS-BATTERY (POSITIVE)	
		2	8T-9757	1	TERMINAL AS-BATTERY (NEGATIVE)	
					(EACH TERMINAL AS INCLUDES)	
		2	1M-6119	1	BOLT (5/16-18X1.375-IN)	
		2	1M-6120	1	NUT (5/16-18-THD)	
	10	1	111-4402	1	FILTER-FOAM (FUEL TANK)	
CY	11	1	124-9325	1	SENSOR GP-FUEL LEVEL	447
	12	1	139-2116	2	SWITCH AS-TOGGLE (UNDERHOOD SERVICE LIGHT)	
					(EACH INCLUDES)	
		1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)	
		1	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	6T-3631	2	NUT-HEX (15/32-32-THD)	
		1	6T-3632	1	LOCKWASHER	
		1	6T-3633	1	RING-LOCKING	
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	13	2	153-5710	2	BATTERY (12-VOLT, 1400-CCA)	
					(MAINTENANCE FREE)	
	14	2	153-6281	1	HOLD-DOWN-BATTERY	
	15	1	164-3651	1	ADAPTER	
Y	16	1	164-7577	1	SWITCH GP-BYPASS (POWER TRAIN OIL FILTER)	493
	17	1	174-7875	1	HORN AS (24-VOLT, HIGH TONE)	
	18	1, 2	204-8000	3	MOUNT (TIE WRAP)	
	19	1	205-3079	1	ADAPTER	
	20	1	213-7005	1	HARNESS AS-CHASSIS (FENDER, RH)	
		1	126-1774	1	COVER-CONNECTOR	
		1	9X-6772	2	STRAP-CABLE	
		1	106-8704	2	SUPPRESSOR AS-ARC	
		1	160-7689	1	PLUG AS-CONNECTOR (70-PIN)	
		1	102-8802	2	KIT-RECEPTACLE (2-PIN)	
		1	102-8803	3	KIT-RECEPTACLE (3-PIN)	
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)	
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2260	2	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	8	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2271	1	KIT-CONNECTING PLUG (4-PIN)	
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
	21	2	213-7021	1	RECEPTACLE AS-AUXILIARY START	

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

i03536454

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	1S-4915	2	LINER (CONDUIT)						
		2	1S-7251	1	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)						
		2	4D-1248	1	TERMINAL (FOR 3/8-IN BOLT)						
E		2	5P-0695		CONDUIT (66-CM)						
E		2	5P-0747		CABLE (00-GA, BLACK) (30-CM)						
E		2	5P-0761		CABLE (00-GA, RED) (100-CM)						
		2	8N-0869	1	COVER-TERMINAL (RED)						
E		2	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (16-CM)						
E		2	114-8843		SLEEVE-PLASTIC (40-CM)						
	22	1	213-9100	1	ALARM GP (BACKUP)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
D		1	5P-5623		WIRE-ELECTRICAL (16-GA, BLACK) (0.8-M)						
		1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)						
E		1	9X-1813		SLEEVE (31-CM)						
	23	1	214-1067	1	HARNESS AS-CHASSIS (FENDER, LH)						
		1	252-1788	1	WIRE AS						
		1	160-7689	1	PLUG AS-CONNECTOR (70-PIN)						
		1	102-8802	2	KIT-RECEPTACLE (2-PIN)						
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)						
		1	102-8801	2	KIT-RECEPTACLE (12-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2255	3	KIT-CONNECTING PLUG (12-PIN)						
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
		1	155-2270	12	KIT-CONNECTING PLUG (2-PIN)						
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)						
		1	155-2271	4	KIT-CONNECTING PLUG (4-PIN)						
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
Y	24	1	219-6485	2	LAMP GP-FLOOD (24-VOLT) (UNDERHOOD SERVICE LIGHT)						402
	25	1	220-8397	1	WIRE AS						
	26	1	224-6316	1	ADAPTER						
	27	1	231-3472	1	PLATE AS						
		1	7T-1099	3	LINK						
	28	1	283-9854	1	HARNESS AS-TRANSMISSION						
		1	154-3172	1	PLUG AS (14-PIN)						
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
					(INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
	29	2	235-1594	1	PLATE AS						
		2	7T-1099	2	LINK						
	30	1	235-9762	1	PLATE AS						
		1	7T-1099	3	LINK						
	31	2	236-0846	1	CABLE AS (BUS TO PASS THROUGH)						
E		2	5P-0761		CABLE (00-GA, RED) (880-CM)						
		2	1S-4915	2	LINER (CONDUIT)						
		2	1S-7251	2	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)						
E		2	5P-0695		CONDUIT (68-CM)						
E		2	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (16-CM)						
		2	8N-0869	2	COVER-TERMINAL (RED)						
E		2	114-8843		SLEEVE-PLASTIC (40-CM)						
	32	2	236-0848	1	CABLE AS (DISCONNECT TO GROUND)						
E		2	5P-0747		CABLE (00-GA, BLACK) (100-CM)						
		2	1S-7252	1	TERMINAL-CABLE (00-GA, 3/8-IN BOLT)						
		2	4D-1248	1	TERMINAL (FOR 3/8-IN BOLT)						
E		2	114-8843		SLEEVE-PLASTIC (40-CM)						
	33	2	236-0849	1	CABLE AS (PASS THROUGH TO STARTER)						
E		2	5P-0761		CABLE (00-GA, RED) (180-CM)						

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

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NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	1S-4915	2	LINER (CONDUIT)						
		2	1S-7251	2	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)						
E		2	5P-0695		CONDUIT (155-CM)						
		2	8N-0869	1	COVER-TERMINAL (RED)						
E		2	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (21-CM)						
E		2	114-8843		SLEEVE-PLASTIC (40-CM)						
	34	1	253-2673	1	SWITCH AS-PRESSURE (FAN FILTER BYPASS)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)						
E		1	9X-1813		SLEEVE (14-CM)						
		1	3J-1907	1	SEAL-O-RING						
		1	5F-9144	1	SEAL-O-RING						
	35	1	275-2393	1	HARNESS AS-CHASSIS						
		1	102-8802	3	KIT-RECEPTACLE (2-PIN)						
		1	102-8805	3	KIT-RECEPTACLE (6-PIN)						
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		1	134-2540	2	RECEPTACLE AS (3-PIN)						
		1	155-2271	1	KIT-CONNECTING PLUG (4-PIN)						
		1	174-0503	2	KIT-CONNECTING PLUG (3-PIN)						
		1	155-2270	5	KIT-CONNECTING PLUG (2-PIN)						
		1	155-2274	3	KIT-CONNECTING PLUG (6-PIN)						
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
		1	190-7613	1	RECEPTACLE AS-CONNECTOR (12-PIN)						
	36	1	276-3507	1	HARNESS AS-POWER (UNDERHOOD SERVICE LIGHT)						
		1	102-8802	2	KIT-RECEPTACLE (2-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2260	2	KIT-CONNECTING PLUG (3-PIN)						
		1	155-2270	2	KIT-CONNECTING PLUG (2-PIN)						
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
	37	2	277-0642	1	JUNCTION BLOCK						
	38	2	280-7095	1	CABLE AS (DISCONNECT TO PASS THROUGH)						
E		2	5P-0747		CABLE (00-GA, BLACK) (68-CM)						
		2	1S-4915	2	LINER (CONDUIT)						
		2	1S-7252	2	TERMINAL-CABLE (00-GA, 3/8-IN BOLT)						
E		2	5P-0695		CONDUIT (40-CM)						
		2	9G-8909	1	COVER-TERMINAL (BLACK)						
		2	9X-0195	1	TERMINAL (FOR 3/8-IN BOLT)						
		2	9X-5699	1	BOOT						
E		2	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (16-CM)						
E		2	114-8843		SLEEVE-PLASTIC (40-CM)						
	39	2	280-7128	1	PLATE AS						
	40	1	132-5789	3	CLIP						
Y	41	1	145-7028	1	SENSOR GP-TEMPERATURE (HYDRAULIC OIL)						469
Y	41A	1	145-7028	1	SENSOR GP-TEMPERATURE (TRANSMISSION SUMP)						469
	42	1	150-5931	3	GROMMET						
	43	1	163-1201	1	HORN AS (24-VOLT, LOW TONE)						
	44	1, 2	193-3973	27	STRAP-CABLE						
	45	1	1J-9671	2	SEAL-O-RING						
Y	46	1	237-0957	2	SENSOR GP-PRESSURE (MAIN, TILT PUMP)						459
	47	1	2S-4078	1	SEAL-O-RING						
	48	1	3D-2824	1	SEAL-O-RING						
	49	1	3J-1907	3	SEAL-O-RING						
	50	1	3K-0360	1	SEAL-O-RING						
	51	2	3K-6060	2	LOCKNUT (3/8-16-THD)						
	52	2	4L-6454	4	BOLT (3/8-16X1-IN)						
	53	1	4P-7428	1	CLIP						

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

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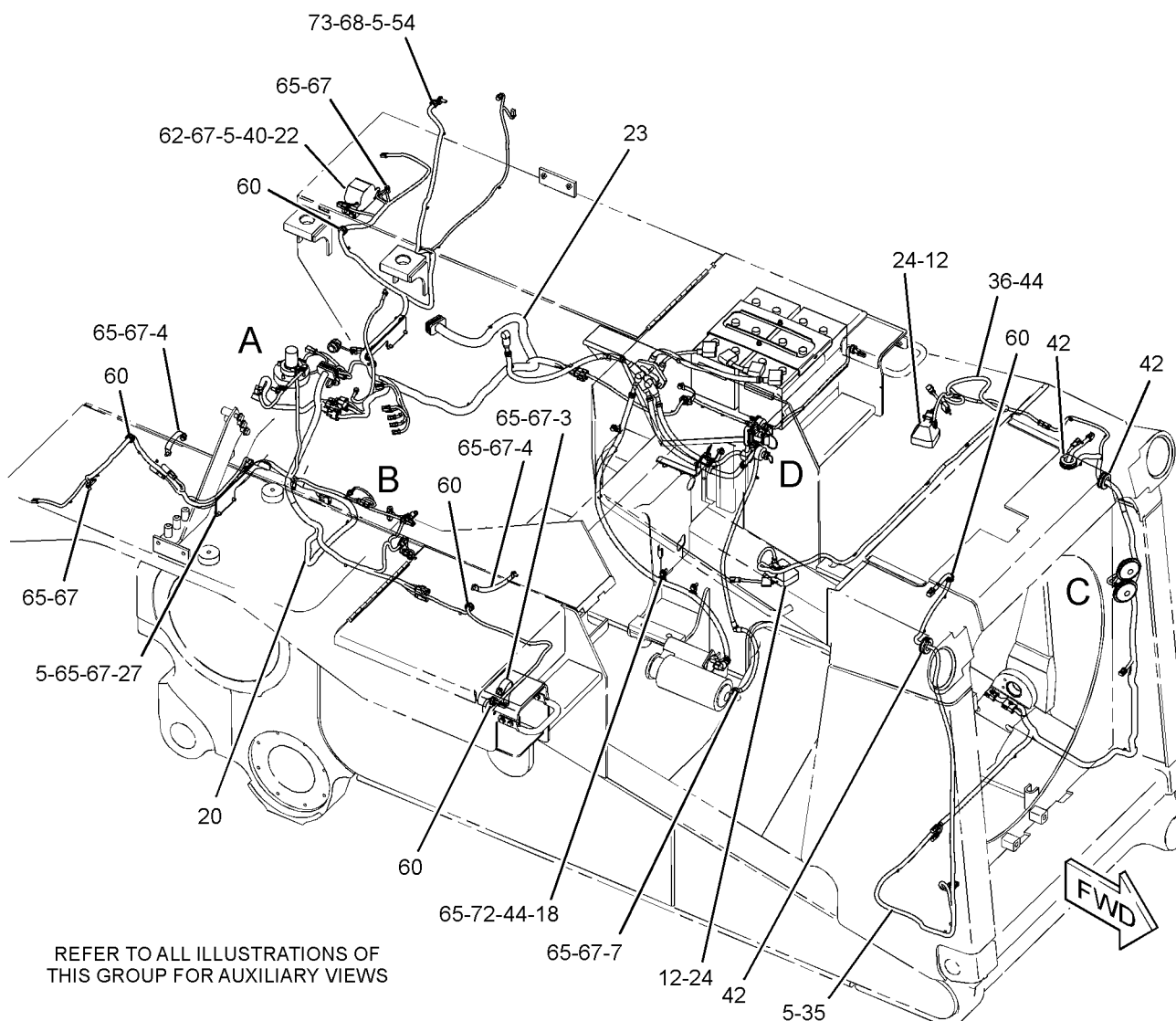
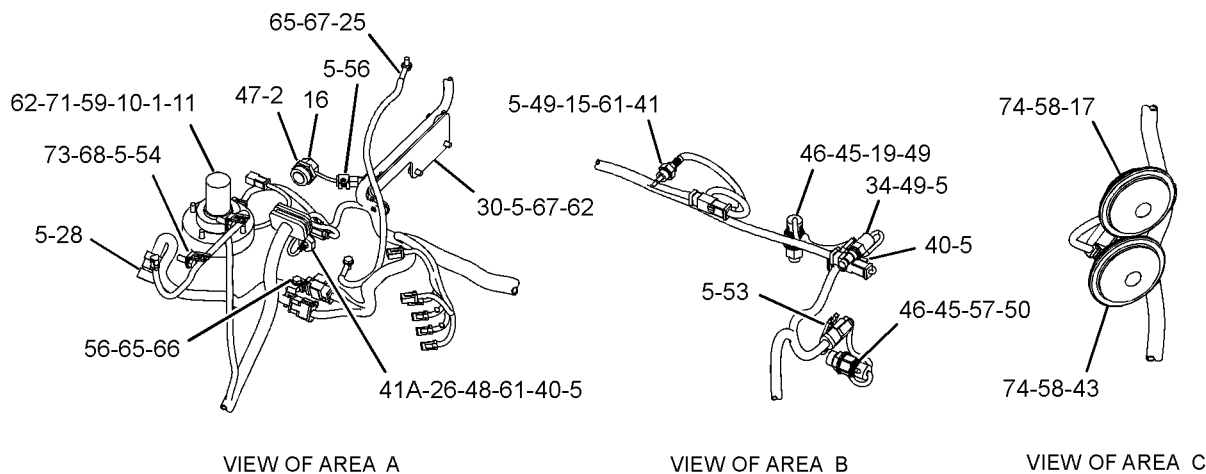
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	54	1	4P-7429	3	CLIP						
	55	2	4P-7581	2	CLIP						
	56	1	4P-8134	3	CLIP						
	57	1	5P-4674	1	ADAPTER-O-RING						
	58	1	5S-7379	2	BOLT (3/8-16X0.875-IN)						
	59	1	6V-5051	1	SEAL-O-RING						
	60	1,2	7B-1251	7	GROMMET						
	61	1	7J-0204	2	SEAL-O-RING						
	62	1,2	7X-7729	7	WASHER (11X25X3-MM THK)						
	63	2	8S-0948	1	CLIP						
	64	2	8S-2634	1	COVER AS						
	65	1,2	8T-4121	28	WASHER-HARD (11X21X2.5-MM THK)						
M	66	1	8T-4136	1	BOLT (M10X1.5X25-MM)						
M	67	1,2	8T-4137	24	BOLT (M10X1.5X20-MM)						
M	68	1	8T-4139	3	BOLT (M12X1.75X30-MM)						
M	69	2	8T-4179	2	BOLT (M12X1.75X20-MM)						
M	70	2	8T-4182	3	BOLT (M10X1.5X45-MM)						
M	71	1	8T-4185	4	BOLT (M10X1.5X50-MM)						
M	72	1,2	8T-4195	3	BOLT (M10X1.5X30-MM)						
	73	1,2	8T-4223	5	WASHER-HARD (13.5X25.5X3-MM THK)						
	74	1,2	8T-4896	8	WASHER-HARD (10.2X18.5X2.5-MM THK)						

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

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

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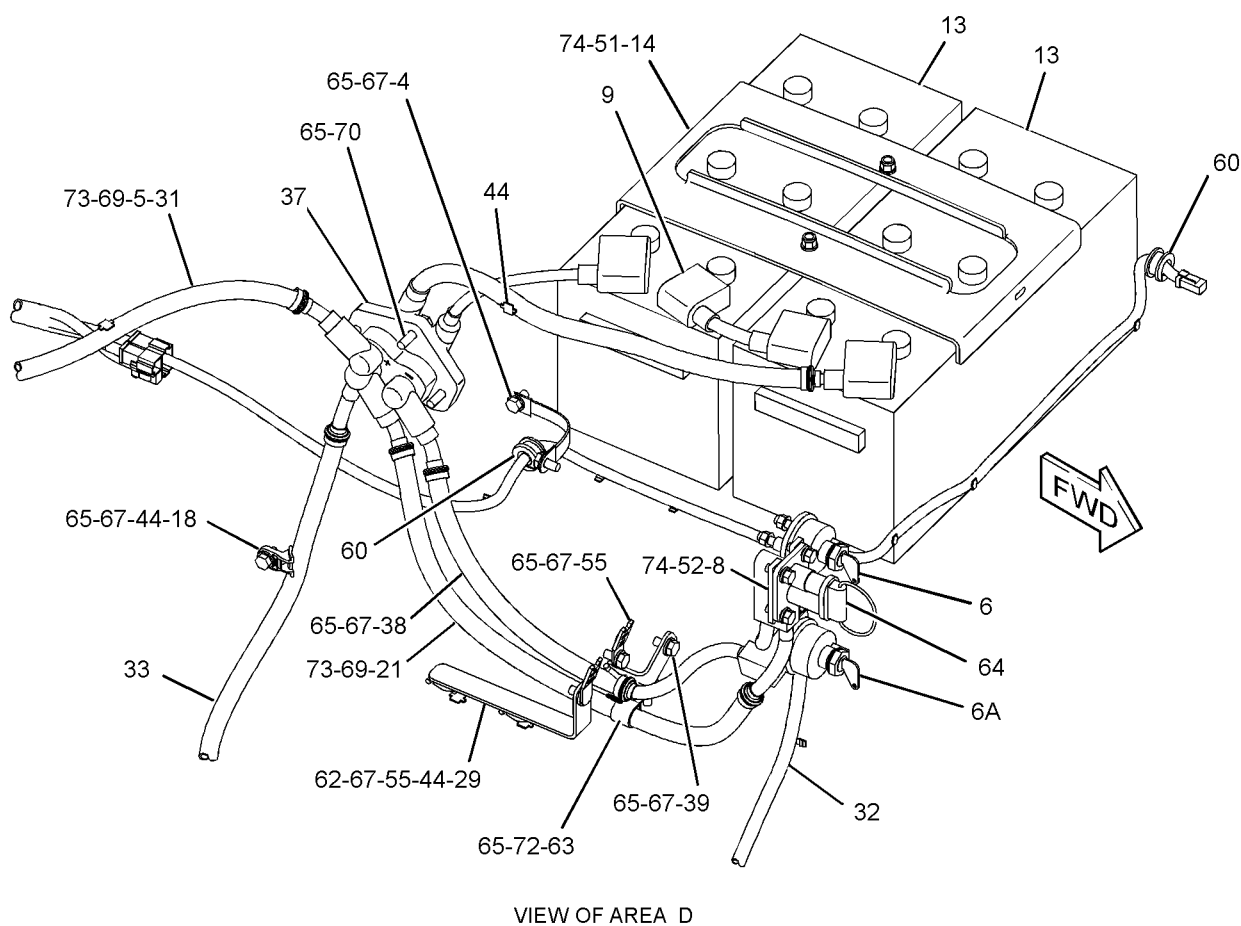
GRAPHIC #1

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ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

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GRAPHIC #2

<END>

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ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP

S/N: RJG1111-1210

PART OF 212-2741 CHASSIS AR

SMCS-1401, 1402, 1408

i03536452

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3E-7753	1	FLOAT AS	
	2	1	3T-9549	1	ADAPTER	
	3	2	6Y-6584	1	STRAP AS-GROUND	
	4	2	7G-1060	3	STRAP AS-GROUND (CHASSIS)	
	5	1,2	7K-1181	109	STRAP-CABLE	
Y	6	2	7N-0719	1	SWITCH GP-DISCONNECT (BATTERY) (STARTER)	494
Y	6A	2	7N-0719	1	SWITCH GP-DISCONNECT (BATTERY)	494
	7	1	7Y-3948	1	CABLE AS	
		1	1S-7251	2	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)	
E		1	5P-0747		CABLE (00-GA, BLACK) (42-CM)	
	8	2	8S-4211	2	PLATE	
	9	2	8V-0622	1	CABLE AS (BATTERY 1 TO BATTERY 2)	
E		2	5P-0761		CABLE (00-GA, RED) (14-CM)	
		2	9G-0003	1	COVER-TERMINAL (BLACK)	
		2	9G-0004	1	COVER-TERMINAL (RED)	
		2	8C-5917	1	TERMINAL AS-BATTERY (POSITIVE)	
		2	8T-9757	1	TERMINAL AS-BATTERY (NEGATIVE)	
					(EACH TERMINAL AS INCLUDES)	
		2	1M-6119	1	BOLT (5/16-18X1.375-IN)	
		2	1M-6120	1	NUT (5/16-18-THD)	
	10	1	111-4402	1	FILTER-FOAM (FUEL TANK)	
CY	11	1	303-6341	1	SENSOR GP-FUEL LEVEL	448
	12	1	139-2116	2	SWITCH AS-TOGGLE (UNDERHOOD SERVICE LIGHT)	
					(EACH INCLUDES)	
		1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)	
		1	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	6T-3631	2	NUT-HEX (15/32-32-THD)	
		1	6T-3632	1	LOCKWASHER	
		1	6T-3633	1	RING-LOCKING	
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	13	2	153-5710	2	BATTERY (12-VOLT, 1400-CCA)	
					(MAINTENANCE FREE)	
	14	2	153-6281	1	HOLD-DOWN-BATTERY	
	15	2	164-3651	1	ADAPTER	
Y	16	1	164-7577	1	SWITCH GP-BYPASS (POWER TRAIN OIL FILTER)	493
	17	1	174-7875	1	HORN AS (24-VOLT, HIGH TONE)	
	18	1,2	204-8000	3	MOUNT (TIE WRAP)	
	19	2	205-3079	1	ADAPTER	
	20	1,2	213-7005	1	HARNESS AS-CHASSIS (FENDER, RH)	
		1,2	126-1774	1	COVER-CONNECTOR	
		1,2	9X-6772	2	STRAP-CABLE	
		1,2	106-8704	2	SUPPRESSOR AS-ARC	
		1,2	160-7689	1	PLUG AS-CONNECTOR (70-PIN)	
		1,2	102-8802	2	KIT-RECEPTACLE (2-PIN)	
		1,2	102-8803	3	KIT-RECEPTACLE (3-PIN)	
		1,2	102-8804	1	KIT-RECEPTACLE (4-PIN)	
		1,2	102-8801	1	KIT-RECEPTACLE (12-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
		1,2	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
		1,2	155-2260	2	KIT-CONNECTING PLUG (3-PIN)	
		1,2	155-2270	8	KIT-CONNECTING PLUG (2-PIN)	
		1,2	155-2271	1	KIT-CONNECTING PLUG (4-PIN)	
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
	21	2	213-7021	1	RECEPTACLE AS-AUXILIARY START	

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

i03536452

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	1S-4915	2	LINER (CONDUIT)						
		2	1S-7251	1	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)						
		2	4D-1248	1	TERMINAL (FOR 3/8-IN BOLT)						
E		2	5P-0695		CONDUIT (66-CM)						
E		2	5P-0747		CABLE (00-GA, BLACK) (30-CM)						
E		2	5P-0761		CABLE (00-GA, RED) (100-CM)						
		2	8N-0869	1	COVER-TERMINAL (RED)						
E		2	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (16-CM)						
E		2	114-8843		SLEEVE-PLASTIC (40-CM)						
	22	1	213-9100	1	ALARM GP (BACKUP)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
D		1	5P-5623		WIRE-ELECTRICAL (16-GA, BLACK) (0.8-M)						
		1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)						
E		1	9X-1813		SLEEVE (31-CM)						
	23	1	214-1067	1	HARNESS AS-CHASSIS (FENDER, LH)						
		1	252-1788	1	WIRE AS						
		1	160-7689	1	PLUG AS-CONNECTOR (70-PIN)						
		1	102-8802	2	KIT-RECEPTACLE (2-PIN)						
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)						
		1	102-8801	2	KIT-RECEPTACLE (12-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2255	3	KIT-CONNECTING PLUG (12-PIN)						
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
		1	155-2270	12	KIT-CONNECTING PLUG (2-PIN)						
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)						
		1	155-2271	4	KIT-CONNECTING PLUG (4-PIN)						
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
Y	24	1	219-6485	2	LAMP GP-FLOOD (24-VOLT) (UNDERHOOD SERVICE LIGHT)						402
	25	1	220-8397	1	WIRE AS						
	26	1	224-6316	1	ADAPTER						
	27	2	231-3472	1	PLATE AS						
		2	7T-1099	3	LINK						
	28	1	283-9854	1	HARNESS AS-TRANSMISSION						
		1	154-3172	1	PLUG AS (14-PIN)						
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
					(INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
	29	2	235-1594	1	PLATE AS						
		2	7T-1099	2	LINK						
	30	1	235-9762	1	PLATE AS						
		1	7T-1099	3	LINK						
	31	2	236-0846	1	CABLE AS (BUS TO PASS THROUGH)						
E		2	5P-0761		CABLE (00-GA, RED) (880-CM)						
		2	1S-4915	2	LINER (CONDUIT)						
		2	1S-7251	2	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)						
E		2	5P-0695		CONDUIT (68-CM)						
E		2	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (16-CM)						
		2	8N-0869	2	COVER-TERMINAL (RED)						
E		2	114-8843		SLEEVE-PLASTIC (40-CM)						
	32	2	236-0848	1	CABLE AS (DISCONNECT TO GROUND)						
E		2	5P-0747		CABLE (00-GA, BLACK) (100-CM)						
		2	1S-7252	1	TERMINAL-CABLE (00-GA, 3/8-IN BOLT)						
		2	4D-1248	1	TERMINAL (FOR 3/8-IN BOLT)						
E		2	114-8843		SLEEVE-PLASTIC (40-CM)						
	33	2	236-0849	1	CABLE AS (PASS THROUGH TO STARTER)						
E		2	5P-0761		CABLE (00-GA, RED) (180-CM)						

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

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NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	1S-4915	2	LINER (CONDUIT)						
		2	1S-7251	2	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)						
E		2	5P-0695		CONDUIT (155-CM)						
		2	8N-0869	1	COVER-TERMINAL (RED)						
E		2	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (21-CM)						
E		2	114-8843		SLEEVE-PLASTIC (40-CM)						
	34	2	253-2673	1	SWITCH AS-PRESSURE (FAN FILTER BYPASS)						
		2	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		2	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)						
E		2	9X-1813		SLEEVE (14-CM)						
		2	3J-1907	1	SEAL-O-RING						
		2	5F-9144	1	SEAL-O-RING						
	35	1	275-2393	1	HARNESS AS-CHASSIS						
		1	102-8802	3	KIT-RECEPTACLE (2-PIN)						
		1	102-8805	3	KIT-RECEPTACLE (6-PIN)						
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		1	134-2540	2	RECEPTACLE AS (3-PIN)						
		1	155-2271	1	KIT-CONNECTING PLUG (4-PIN)						
		1	174-0503	2	KIT-CONNECTING PLUG (3-PIN)						
		1	155-2270	5	KIT-CONNECTING PLUG (2-PIN)						
		1	155-2274	3	KIT-CONNECTING PLUG (6-PIN)						
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
		1	190-7613	1	RECEPTACLE AS-CONNECTOR (12-PIN)						
	36	1	276-3507	1	HARNESS AS-POWER (UNDERHOOD SERVICE LIGHT)						
		1	102-8802	2	KIT-RECEPTACLE (2-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2260	2	KIT-CONNECTING PLUG (3-PIN)						
		1	155-2270	2	KIT-CONNECTING PLUG (2-PIN)						
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
	37	2	277-0642	1	JUNCTION BLOCK						
	38	2	280-7095	1	CABLE AS (DISCONNECT TO PASS THROUGH)						
E		2	5P-0747		CABLE (00-GA, BLACK) (68-CM)						
		2	1S-4915	2	LINER (CONDUIT)						
		2	1S-7252	2	TERMINAL-CABLE (00-GA, 3/8-IN BOLT)						
E		2	5P-0695		CONDUIT (40-CM)						
		2	9G-8909	1	COVER-TERMINAL (BLACK)						
		2	9X-0195	1	TERMINAL (FOR 3/8-IN BOLT)						
		2	9X-5699	1	BOOT						
E		2	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (16-CM)						
E		2	114-8843		SLEEVE-PLASTIC (40-CM)						
	39	2	280-7128	1	PLATE AS						
	40	1,2	132-5789	3	CLIP						
Y	41	2	145-7028	1	SENSOR GP-TEMPERATURE (HYDRAULIC OIL)						469
Y	41A	1	145-7028	1	SENSOR GP-TEMPERATURE (TRANSMISSION SUMP)						469
	42	1	150-5931	3	GROMMET						
	43	1	163-1201	1	HORN AS (24-VOLT, LOW TONE)						
	44	1,2	193-3973	27	STRAP-CABLE						
	45	2	1J-9671	2	SEAL-O-RING						
Y	46	2	237-0957	2	SENSOR GP-PRESSURE (MAIN, TILT PUMP)						459
	47	1	2S-4078	1	SEAL-O-RING						
	48	1	3D-2824	1	SEAL-O-RING						
	49	2	3J-1907	3	SEAL-O-RING						
	50	2	3K-0360	1	SEAL-O-RING						
	51	2	3K-6060	2	LOCKNUT (3/8-16-THD)						
	52	2	4L-6454	4	BOLT (3/8-16X1-IN)						
	53	2	4P-7428	1	CLIP						

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

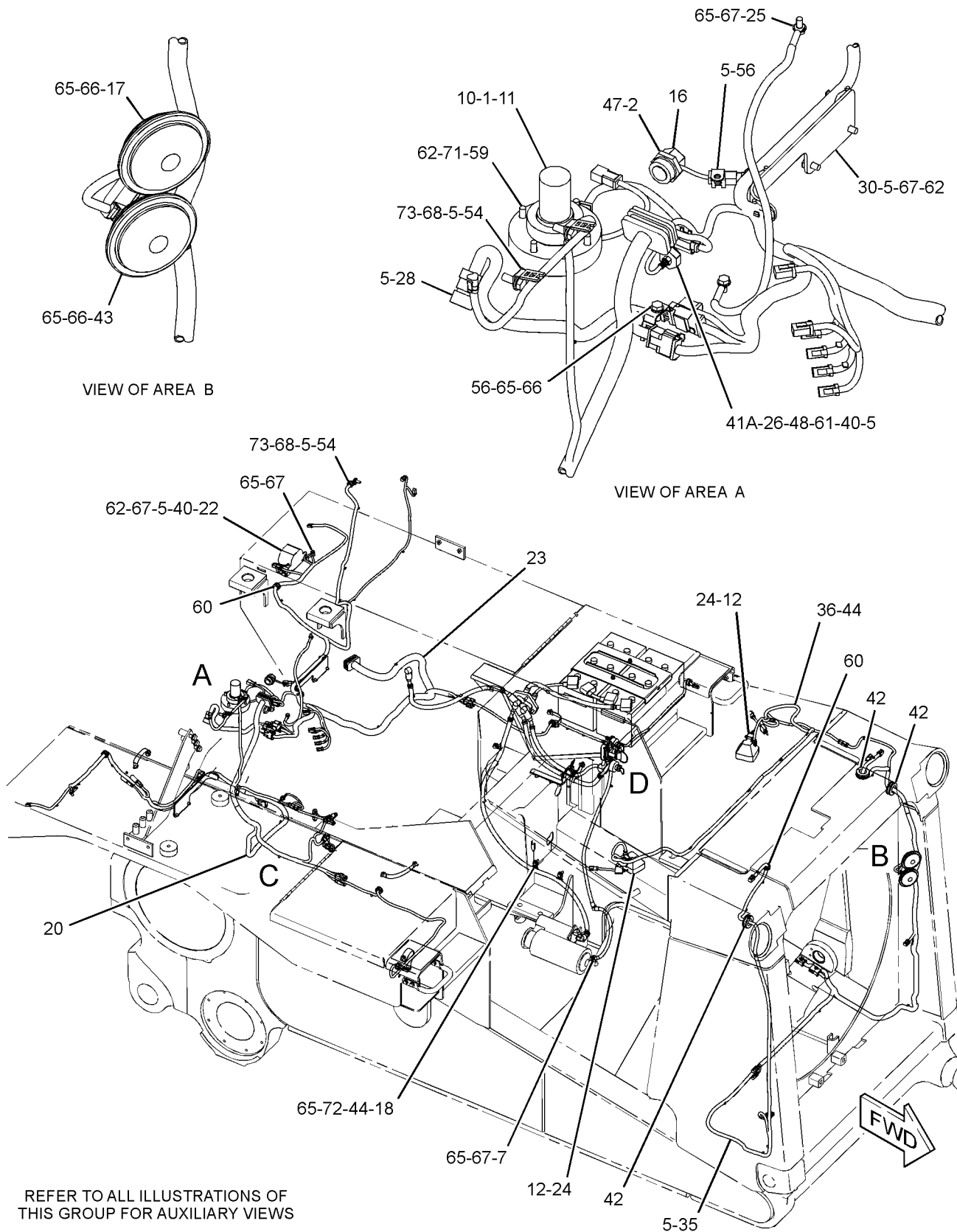
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NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	54	1	4P-7429	3	CLIP						
	55	2	4P-7581	2	CLIP						
	56	1	4P-8134	3	CLIP						
	57	2	5P-4674	1	ADAPTER-O-RING						
	59	1	6V-5051	1	SEAL-O-RING						
	60	1,2	7B-1251	7	GROMMET						
	61	1,2	7J-0204	2	SEAL-O-RING						
	62	1,2	7X-7729	7	WASHER (11X25X3-MM THK)						
	63	2	8S-0948	1	CLIP						
	64	2	8S-2634	1	COVER AS						
C	65	1,2	8T-4121	30	WASHER-HARD (11X21X2.5-MM THK)						
CM	66	1	8T-4136	3	BOLT (M10X1.5X25-MM)						
M	67	1,2	8T-4137	24	BOLT (M10X1.5X20-MM)						
M	68	1	8T-4139	3	BOLT (M12X1.75X30-MM)						
M	69	2	8T-4179	2	BOLT (M12X1.75X20-MM)						
M	70	2	8T-4182	3	BOLT (M10X1.5X45-MM)						
M	71	1	8T-4185	4	BOLT (M10X1.5X50-MM)						
M	72	1,2	8T-4195	3	BOLT (M10X1.5X30-MM)						
	73	1,2	8T-4223	5	WASHER-HARD (13.5X25.5X3-MM THK)						
C	74	2	8T-4896	6	WASHER-HARD (10.2X18.5X2.5-MM THK)						
C-CHANGE FROM PREVIOUS TYPE D-ORDER BY THE METER E-ORDER BY THE CENTIMETER M-METRIC PART Y-SEPARATE ILLUSTRATION											

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

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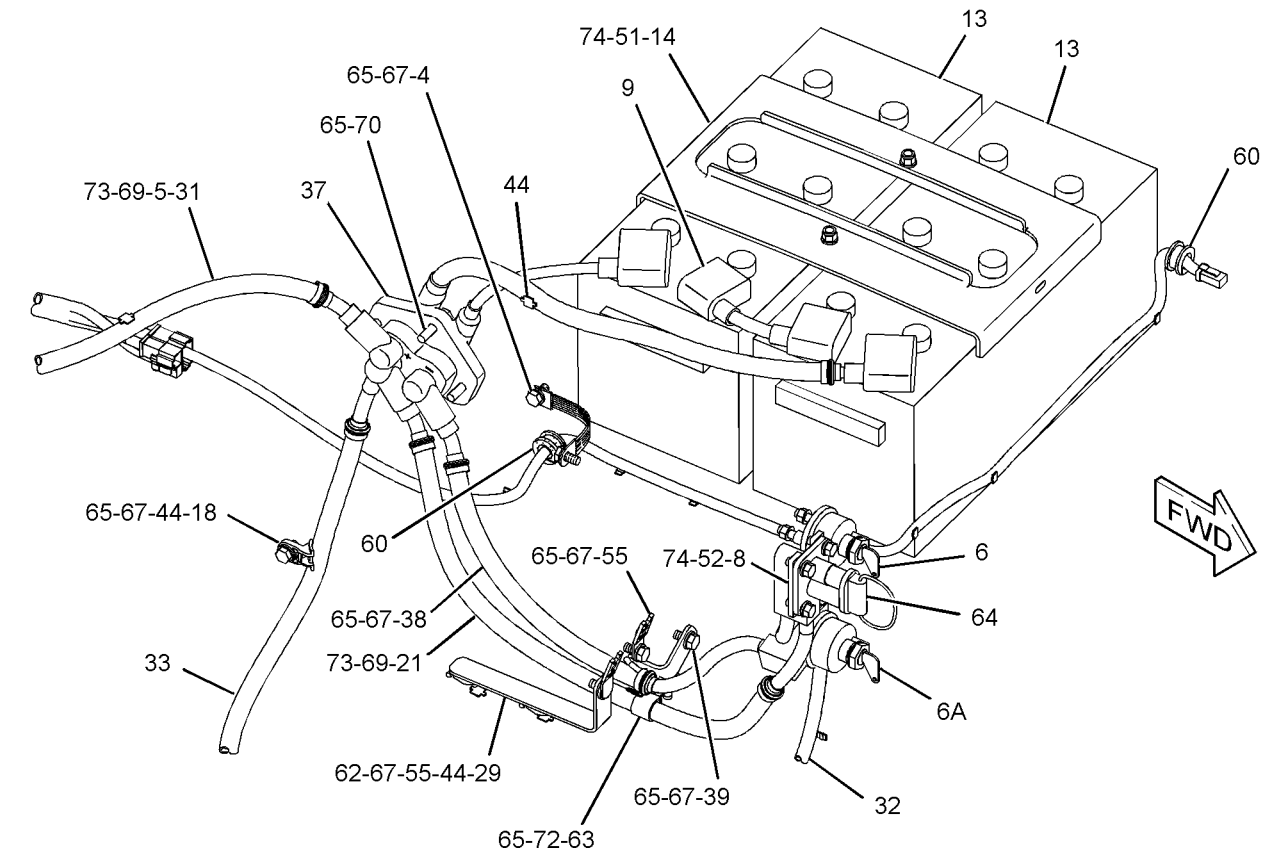
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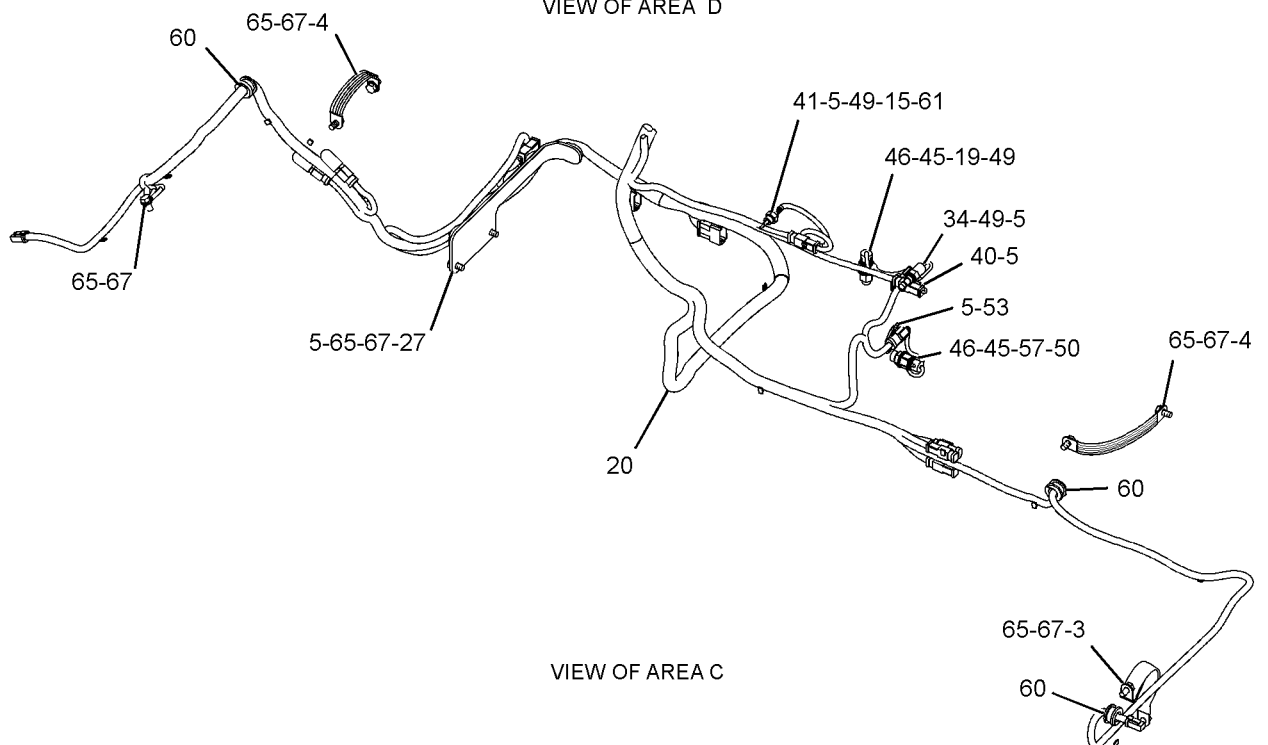
ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

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VIEW OF AREA D



VIEW OF AREA C

GRAPHIC #2

<END>

g01508093

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP

S/N: RJG1211-UP

PART OF 212-2741 CHASSIS AR

TYPE 1

SMCS-1401, 1402, 1408

i03536455

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3E-7753	1	FLOAT AS	
	2	1	3T-9549	1	ADAPTER	
	3	2	6Y-6584	1	STRAP AS-GROUND	
	4	2	7G-1060	3	STRAP AS-GROUND (CHASSIS)	
	5	1,2	7K-1181	109	STRAP-CABLE	
Y	6	2	7N-0719	1	SWITCH GP-DISCONNECT (BATTERY) (STARTER)	494
Y	6A	2	7N-0719	1	SWITCH GP-DISCONNECT (BATTERY)	494
	7	1	7Y-3948	1	CABLE AS	
		1	1S-7251	2	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)	
E		1	5P-0747		CABLE (00-GA, BLACK) (42-CM)	
	8	2	8S-4211	2	PLATE	
	9	2	8V-0622	1	CABLE AS (BATTERY 1 TO BATTERY 2)	
E		2	5P-0761		CABLE (00-GA, RED) (14-CM)	
		2	9G-0003	1	COVER-TERMINAL (BLACK)	
		2	9G-0004	1	COVER-TERMINAL (RED)	
		2	8C-5917	1	TERMINAL AS-BATTERY (POSITIVE)	
		2	8T-9757	1	TERMINAL AS-BATTERY (NEGATIVE)	
		2	1M-6119	2	BOLT (5/16-18X1.375-IN)	
		2	1M-6120	2	NUT (5/16-18-THD)	
	10	1	111-4402	1	FILTER-FOAM (FUEL TANK)	
CY	11	1	303-6341	1	SENSOR GP-FUEL LEVEL	448
	12	1	139-2116	2	SWITCH AS-TOGGLE (UNDERHOOD SERVICE LIGHT)	
					(EACH INCLUDES)	
		1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)	
		1	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	6T-3631	2	NUT-HEX (15/32-32-THD)	
		1	6T-3632	1	LOCKWASHER	
		1	6T-3633	1	RING-LOCKING	
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	13	2	153-5710	2	BATTERY (12-VOLT, 1400-CCA)	
					(MAINTENANCE FREE)	
	14	2	153-6281	1	HOLD-DOWN-BATTERY	
	15	2	164-3651	1	ADAPTER	
Y	16	1	164-7577	1	SWITCH GP-BYPASS (POWER TRAIN OIL FILTER)	493
	17	1	174-7875	1	HORN AS (24-VOLT, HIGH TONE)	
	18	1,2	204-8000	3	MOUNT (TIE WRAP)	
	19	2	205-3079	1	ADAPTER	
	20	1,2	213-7005	1	HARNESS AS-CHASSIS (FENDER, RH)	
		1,2	126-1774	1	COVER-CONNECTOR	
		1,2	9X-6772	2	STRAP-CABLE	
		1,2	106-8704	2	SUPPRESSOR AS-ARC	
		1,2	160-7689	1	PLUG AS-CONNECTOR (70-PIN)	
		1,2	102-8802	2	KIT-RECEPTACLE (2-PIN)	
		1,2	102-8803	3	KIT-RECEPTACLE (3-PIN)	
		1,2	102-8804	1	KIT-RECEPTACLE (4-PIN)	
		1,2	102-8801	1	KIT-RECEPTACLE (12-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
		1,2	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
		1,2	155-2260	2	KIT-CONNECTING PLUG (3-PIN)	
		1,2	155-2270	8	KIT-CONNECTING PLUG (2-PIN)	
		1,2	155-2271	1	KIT-CONNECTING PLUG (4-PIN)	
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
	21	2	213-7021	1	RECEPTACLE AS-AUXILIARY START	

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

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NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	1S-4915	2	LINER (CONDUIT)						
		2	1S-7251	1	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)						
		2	4D-1248	1	TERMINAL (FOR 3/8-IN BOLT)						
E		2	5P-0695		CONDUIT (66-CM)						
E		2	5P-0747		CABLE (00-GA, BLACK) (30-CM)						
E		2	5P-0761		CABLE (00-GA, RED) (100-CM)						
		2	8N-0869	1	COVER-TERMINAL (RED)						
E		2	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (16-CM)						
E		2	114-8843		SLEEVE-PLASTIC (40-CM)						
	22	1	213-9100	1	ALARM GP (BACKUP)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
D		1	5P-5623		WIRE-ELECTRICAL (16-GA, BLACK) (0.8-M)						
		1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)						
E		1	9X-1813		SLEEVE (31-CM)						
	23	1	214-1067	1	HARNESS AS-CHASSIS (FENDER, LH)						
		1	252-1788	1	WIRE AS						
		1	160-7689	1	PLUG AS-CONNECTOR (70-PIN)						
		1	102-8802	2	KIT-RECEPTACLE (2-PIN)						
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)						
		1	102-8801	2	KIT-RECEPTACLE (12-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2255	3	KIT-CONNECTING PLUG (12-PIN)						
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
		1	155-2270	12	KIT-CONNECTING PLUG (2-PIN)						
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)						
		1	155-2271	4	KIT-CONNECTING PLUG (4-PIN)						
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
Y	24	1	219-6485	2	LAMP GP-FLOOD (24-VOLT) (UNDERHOOD SERVICE LIGHT)						402
	25	1	220-8397	1	WIRE AS						
	26	1	224-6316	1	ADAPTER						
	27	2	231-3472	1	PLATE AS						
	28	1	283-9854	1	HARNESS AS-TRANSMISSION						
		1	154-3172	1	PLUG AS (14-PIN)						
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
					(INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
	29	2	235-1594	1	PLATE AS						
	30	1	235-9762	1	PLATE AS						
	31	2	236-0846	1	CABLE AS (BUS TO PASS THROUGH)						
E		2	5P-0761		CABLE (00-GA, RED) (880-CM)						
		2	1S-4915	2	LINER (CONDUIT)						
		2	1S-7251	2	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)						
E		2	5P-0695		CONDUIT (68-CM)						
E		2	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (16-CM)						
		2	8N-0869	2	COVER-TERMINAL (RED)						
E		2	114-8843		SLEEVE-PLASTIC (40-CM)						
	32	2	236-0848	1	CABLE AS (DISCONNECT TO GROUND)						
E		2	5P-0747		CABLE (00-GA, BLACK) (100-CM)						
		2	1S-7252	1	TERMINAL-CABLE (00-GA, 3/8-IN BOLT)						
		2	4D-1248	1	TERMINAL (FOR 3/8-IN BOLT)						
E		2	114-8843		SLEEVE-PLASTIC (40-CM)						
	33	2	236-0849	1	CABLE AS (PASS THROUGH TO STARTER)						
E		2	5P-0761		CABLE (00-GA, RED) (180-CM)						
		2	1S-4915	2	LINER (CONDUIT)						
		2	1S-7251	2	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)						
E		2	5P-0695		CONDUIT (155-CM)						

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

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NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	8N-0869	1	COVER-TERMINAL (RED)						
E		2	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (21-CM)						
E		2	114-8843		SLEEVE-PLASTIC (40-CM)						
	34	2	253-2673	1	SWITCH AS-PRESSURE (FAN FILTER BYPASS)						
		2	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		2	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)						
E		2	9X-1813		SLEEVE (14-CM)						
		2	3J-1907	1	SEAL-O-RING						
		2	5F-9144	1	SEAL-O-RING						
	35	1	330-9101	1	HARNESS AS-CHASSIS						
	36	1	276-3507	1	HARNESS AS-POWER (UNDERHOOD SERVICE LIGHT)						
		1	102-8802	2	KIT-RECEPTACLE (2-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2260	2	KIT-CONNECTING PLUG (3-PIN)						
		1	155-2270	2	KIT-CONNECTING PLUG (2-PIN)						
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
	37	2	320-6171	1	JUNCTION BLOCK						
	38	2	280-7095	1	CABLE AS (DISCONNECT TO PASS THROUGH)						
E		2	5P-0747		CABLE (00-GA, BLACK) (68-CM)						
		2	1S-4915	2	LINER (CONDUIT)						
		2	1S-7252	2	TERMINAL-CABLE (00-GA, 3/8-IN BOLT)						
E		2	5P-0695		CONDUIT (40-CM)						
		2	9G-8909	1	COVER-TERMINAL (BLACK)						
		2	9X-0195	1	TERMINAL (FOR 3/8-IN BOLT)						
		2	9X-5699	1	BOOT						
E		2	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (16-CM)						
E		2	114-8843		SLEEVE-PLASTIC (40-CM)						
	39	2	280-7128	1	PLATE AS						
	40	1, 2	132-5789	3	CLIP						
Y	41	2	145-7028	1	SENSOR GP-TEMPERATURE (HYDRAULIC OIL)						469
Y	41A	1	145-7028	1	SENSOR GP-TEMPERATURE (TRANSMISSION SUMP)						469
	42	1	150-5931	3	GROMMET						
	43	1	163-1201	1	HORN AS (24-VOLT, LOW TONE)						
	44	1, 2	193-3973	28	STRAP-CABLE						
	45	2	1J-9671	2	SEAL-O-RING						
Y	46	2	237-0957	2	SENSOR GP-PRESSURE (MAIN, TILT PUMP)						459
	47	1	2S-4078	1	SEAL-O-RING						
	48	1	3D-2824	1	SEAL-O-RING						
	49	2	3J-1907	3	SEAL-O-RING						
	50	2	3K-0360	1	SEAL-O-RING						
	51	2	3K-6060	2	LOCKNUT (3/8-16-THD)						
	52	2	4L-6454	4	BOLT (3/8-16X1-IN)						
	53	2	4P-7428	1	CLIP						
	54	1	4P-7429	4	CLIP						
	55	2	4P-7581	2	CLIP						
	56	1	4P-8134	3	CLIP						
	57	2	5P-4674	1	ADAPTER-O-RING						
	59	1	6V-5051	1	SEAL-O-RING						
	60	1, 2	7B-1251	7	GROMMET						
	61	1, 2	7J-0204	2	SEAL-O-RING						
	62	1, 2	7X-7729	7	WASHER (11X25X3-MM THK)						
	63	2	8S-0948	1	CLIP						
	64	2	8S-2634	1	COVER AS						
C	65	1, 2	8T-4121	30	WASHER-HARD (11X21X2.5-MM THK)						
CM	66	1	8T-4136	3	BOLT (M10X1.5X25-MM)						
M	67	1, 2	8T-4137	24	BOLT (M10X1.5X20-MM)						
M	68	1	8T-4139	3	BOLT (M12X1.75X30-MM)						
M	69	2	8T-4179	2	BOLT (M12X1.75X20-MM)						

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

i03536455

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	70	2	8T-9515	3	BOLT-SOCKET HEAD (M10X1.5X40-MM)						
M	71	1	8T-4185	4	BOLT (M10X1.5X50-MM)						
M	72	1,2	8T-4195	3	BOLT (M10X1.5X30-MM)						
	73	1,2	8T-4223	5	WASHER-HARD (13.5X25.5X3-MM THK)						
C	74	2	8T-4896	6	WASHER-HARD (10.2X18.5X2.5-MM THK)						

C-CHANGE FROM PREVIOUS TYPE

D-ORDER BY THE METER

E-ORDER BY THE CENTIMETER

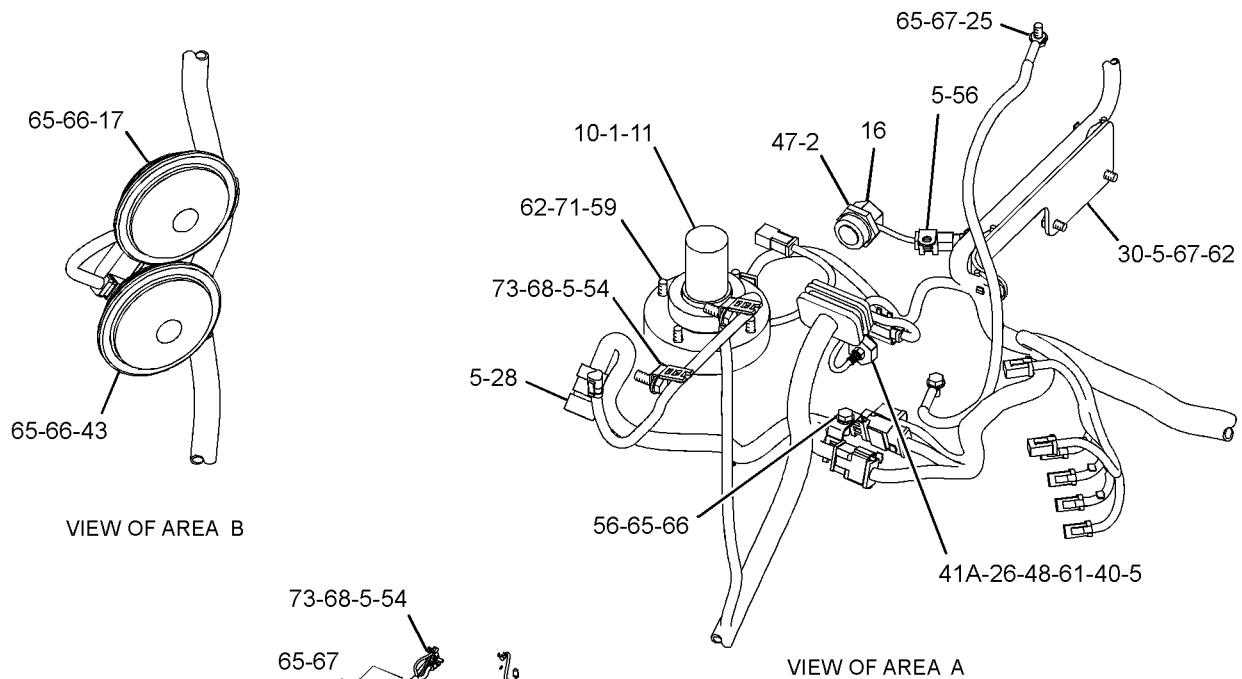
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

i03536455



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

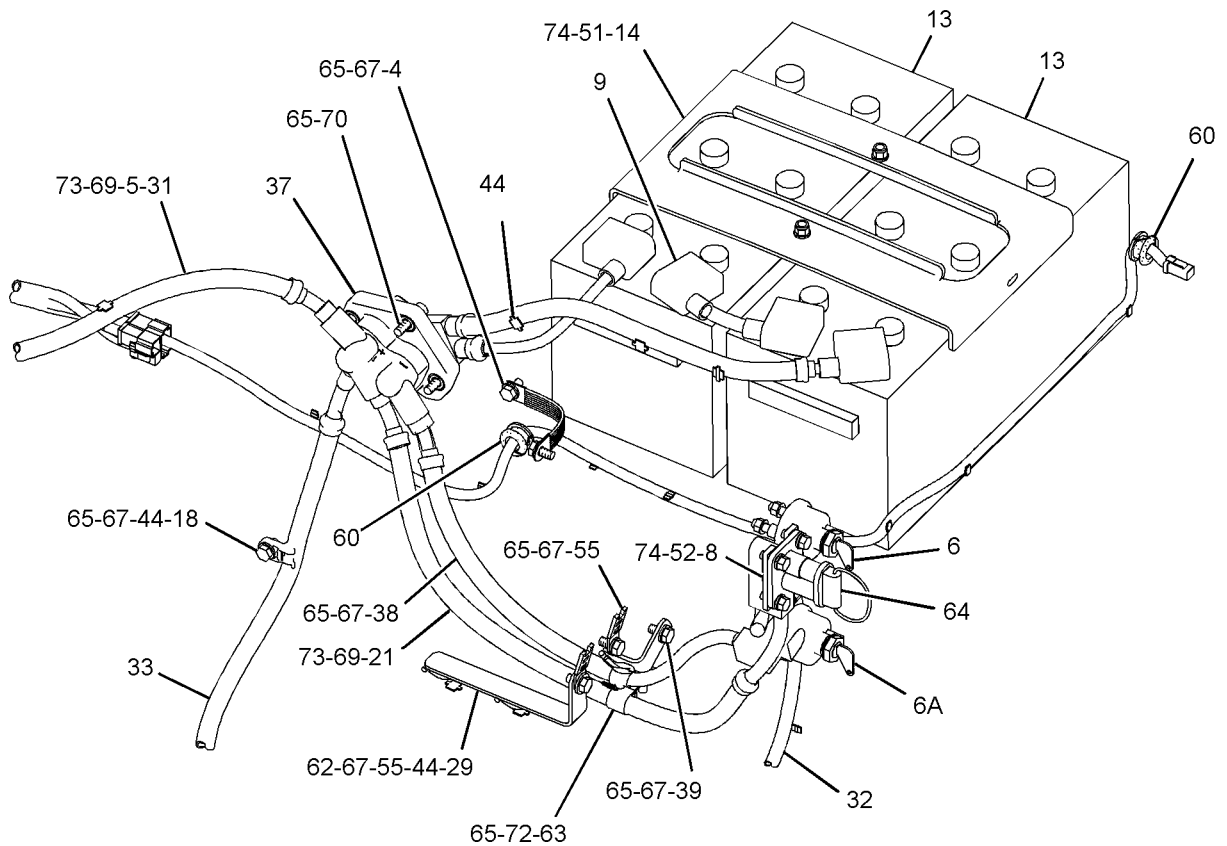
GRAPHIC #1

g01791653

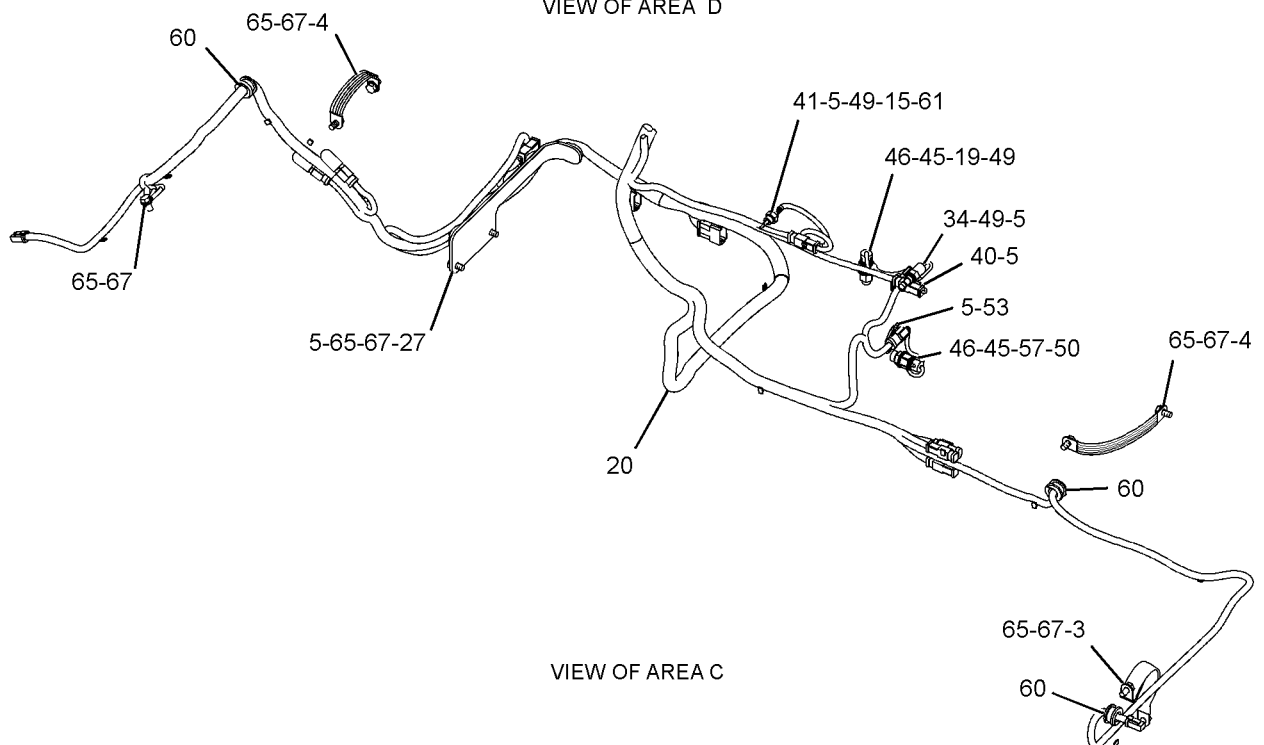
ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

i03536455



VIEW OF AREA D



VIEW OF AREA C

GRAPHIC #2

<END>

g01791654

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP

S/N: RJG1211-UP

PART OF 212-2741 CHASSIS AR
TYPE 2

SMCS-1401, 1402, 1408

i03536456

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3E-7753	1	FLOAT AS	
	2	1	3T-9549	1	ADAPTER	
	3	2	6Y-6584	1	STRAP AS-GROUND	
	4	2	7G-1060	3	STRAP AS-GROUND (CHASSIS)	
	5	1, 2	7K-1181	109	STRAP-CABLE	
Y	6	2	7N-0719	1	SWITCH GP-DISCONNECT (BATTERY) (STARTER)	494
Y	6A	2	7N-0719	1	SWITCH GP-DISCONNECT (BATTERY)	494
	7	1	7Y-3948	1	CABLE AS	
		1	1S-7251	2	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)	
E		1	5P-0747		CABLE (00-GA, BLACK) (42-CM)	
	8	2	8S-4211	2	PLATE	
	9	2	8V-0622	1	CABLE AS (BATTERY 1 TO BATTERY 2)	
E		2	5P-0761		CABLE (00-GA, RED) (14-CM)	
		2	9G-0003	1	COVER-TERMINAL (BLACK)	
		2	9G-0004	1	COVER-TERMINAL (RED)	
		2	8C-5917	1	TERMINAL AS-BATTERY (POSITIVE)	
		2	8T-9757	1	TERMINAL AS-BATTERY (NEGATIVE)	
		2	1M-6119	2	BOLT (5/16-18X1.375-IN)	
		2	1M-6120	2	NUT (5/16-18-THD)	
	10	1	111-4402	1	FILTER-FOAM (FUEL TANK)	
CY	11	1	124-9325	1	SENSOR GP-FUEL LEVEL	447
	12	1	139-2116	2	SWITCH AS-TOGGLE (UNDERHOOD SERVICE LIGHT)	
					(EACH INCLUDES)	
		1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)	
		1	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	6T-3631	2	NUT-HEX (15/32-32-THD)	
		1	6T-3632	1	LOCKWASHER	
		1	6T-3633	1	RING-LOCKING	
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	13	2	153-5710	2	BATTERY (12-VOLT, 1400-CCA)	
					(MAINTENANCE FREE)	
	14	2	153-6281	1	HOLD-DOWN-BATTERY	
	15	2	164-3651	1	ADAPTER	
Y	16	1	164-7577	1	SWITCH GP-BYPASS (POWER TRAIN OIL FILTER)	493
	17	1	174-7875	1	HORN AS (24-VOLT, HIGH TONE)	
	18	1, 2	204-8000	3	MOUNT (TIE WRAP)	
	19	2	205-3079	1	ADAPTER	
	20	1, 2	213-7005	1	HARNESS AS-CHASSIS (FENDER, RH)	
	21	2	213-7021	1	RECEPTACLE AS-AUXILIARY START	
		2	1S-4915	2	LINER (CONDUIT)	
		2	1S-7251	1	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)	
		2	4D-1248	1	TERMINAL (FOR 3/8-IN BOLT)	
E		2	5P-0695		CONDUIT (66-CM)	
E		2	5P-0747		CABLE (00-GA, BLACK) (30-CM)	
E		2	5P-0761		CABLE (00-GA, RED) (100-CM)	
		2	8N-0869	1	COVER-TERMINAL (RED)	
E		2	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (16-CM)	
E		2	114-8843		SLEEVE-PLASTIC (40-CM)	
	22	1	213-9100	1	ALARM GP (BACKUP)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
D		1	5P-5623		WIRE-ELECTRICAL (16-GA, BLACK) (0.8-M)	
		1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)	
E		1	9X-1813		SLEEVE (31-CM)	

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

i03536456

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	23	1	214-1067	1	HARNESS AS-CHASSIS (FENDER, LH)	
Y	24	1	219-6485	2	LAMP GP-FLOOD (24-VOLT) (UNDERHOOD SERVICE LIGHT)	402
	25	1	220-8397	1	WIRE AS	
	26	1	224-6316	1	ADAPTER	
	27	2	231-3472	1	PLATE AS	
	28	1	283-9854	1	HARNESS AS-TRANSMISSION	
	29	2	235-1594	1	PLATE AS	
	30	1	235-9762	1	PLATE AS	
	31	2	236-0846	1	CABLE AS (BUS TO PASS THROUGH)	
E		2	5P-0761		CABLE (00-GA, RED) (880-CM)	
		2	1S-4915	2	LINER (CONDUIT)	
		2	1S-7251	2	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)	
E		2	5P-0695		CONDUIT (68-CM)	
E		2	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (16-CM)	
		2	8N-0869	2	COVER-TERMINAL (RED)	
E		2	114-8843		SLEEVE-PLASTIC (40-CM)	
	32	2	236-0848	1	CABLE AS (DISCONNECT TO GROUND)	
E		2	5P-0747		CABLE (00-GA, BLACK) (100-CM)	
		2	1S-7252	1	TERMINAL-CABLE (00-GA, 3/8-IN BOLT)	
		2	4D-1248	1	TERMINAL (FOR 3/8-IN BOLT)	
E		2	114-8843		SLEEVE-PLASTIC (40-CM)	
	33	2	236-0849	1	CABLE AS (PASS THROUGH TO STARTER)	
E		2	5P-0761		CABLE (00-GA, RED) (180-CM)	
		2	1S-4915	2	LINER (CONDUIT)	
		2	1S-7251	2	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)	
E		2	5P-0695		CONDUIT (155-CM)	
		2	8N-0869	1	COVER-TERMINAL (RED)	
E		2	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (21-CM)	
E		2	114-8843		SLEEVE-PLASTIC (40-CM)	
	34	2	253-2673	1	SWITCH AS-PRESSURE (FAN FILTER BYPASS)	
		2	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
		2	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)	
E		2	9X-1813		SLEEVE (14-CM)	
		2	3J-1907	1	SEAL-O-RING	
		2	5F-9144	1	SEAL-O-RING	
	35	1	330-9101	1	HARNESS AS-CHASSIS	
	36	1	276-3507	1	HARNESS AS-POWER (UNDERHOOD SERVICE LIGHT)	
	37	2	320-6171	1	JUNCTION BLOCK	
	38	2	280-7095	1	CABLE AS (DISCONNECT TO PASS THROUGH)	
E		2	5P-0747		CABLE (00-GA, BLACK) (68-CM)	
		2	1S-4915	2	LINER (CONDUIT)	
		2	1S-7252	2	TERMINAL-CABLE (00-GA, 3/8-IN BOLT)	
E		2	5P-0695		CONDUIT (40-CM)	
		2	9G-8909	1	COVER-TERMINAL (BLACK)	
		2	9X-0195	1	TERMINAL (FOR 3/8-IN BOLT)	
		2	9X-5699	1	BOOT	
E		2	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (16-CM)	
E		2	114-8843		SLEEVE-PLASTIC (40-CM)	
	39	2	280-7128	1	PLATE AS	
	40	1, 2	132-5789	3	CLIP	
Y	41	2	145-7028	1	SENSOR GP-TEMPERATURE (HYDRAULIC OIL)	469
Y	41A	1	145-7028	1	SENSOR GP-TEMPERATURE (TRANSMISSION SUMP)	469
	42	1	150-5931	3	GROMMET	
	43	1	163-1201	1	HORN AS (24-VOLT, LOW TONE)	
	44	1, 2	193-3973	28	STRAP-CABLE	
	45	2	1J-9671	2	SEAL-O-RING	
Y	46	2	237-0957	2	SENSOR GP-PRESSURE (MAIN, TILT PUMP)	459
	47	1	2S-4078	1	SEAL-O-RING	

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

i03536456

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	48	1	3D-2824	1	SEAL-O-RING	
	49	2	3J-1907	3	SEAL-O-RING	
	50	2	3K-0360	1	SEAL-O-RING	
	51	2	3K-6060	2	LOCKNUT (3/8-16-THD)	
	52	2	4L-6454	4	BOLT (3/8-16X1-IN)	
	53	2	4P-7428	1	CLIP	
	54	1	4P-7429	4	CLIP	
	55	2	4P-7581	2	CLIP	
	56	1	4P-8134	3	CLIP	
	57	2	5P-4674	1	ADAPTER-O-RING	
	59	1	6V-5051	1	SEAL-O-RING	
	60	1,2	7B-1251	7	GROMMET	
	61	1,2	7J-0204	2	SEAL-O-RING	
	62	1,2	7X-7729	7	WASHER (11X25X3-MM THK)	
	63	2	8S-0948	1	CLIP	
	64	2	8S-2634	1	COVER AS	
	65	1,2	8T-4121	30	WASHER-HARD (11X21X2.5-MM THK)	
M	66	1	8T-4136	3	BOLT (M10X1.5X25-MM)	
M	67	1,2	8T-4137	24	BOLT (M10X1.5X20-MM)	
M	68	1	8T-4139	3	BOLT (M12X1.75X30-MM)	
M	69	2	8T-4179	2	BOLT (M12X1.75X20-MM)	
M	70	2	8T-9515	3	BOLT-SOCKET HEAD (M10X1.5X40-MM)	
M	71	1	8T-4185	4	BOLT (M10X1.5X50-MM)	
M	72	1,2	8T-4195	3	BOLT (M10X1.5X30-MM)	
	73	1,2	8T-4223	5	WASHER-HARD (13.5X25.5X3-MM THK)	
	74	2	8T-4896	6	WASHER-HARD (10.2X18.5X2.5-MM THK)	

C-CHANGE FROM PREVIOUS TYPE

D-ORDER BY THE METER

E-ORDER BY THE CENTIMETER

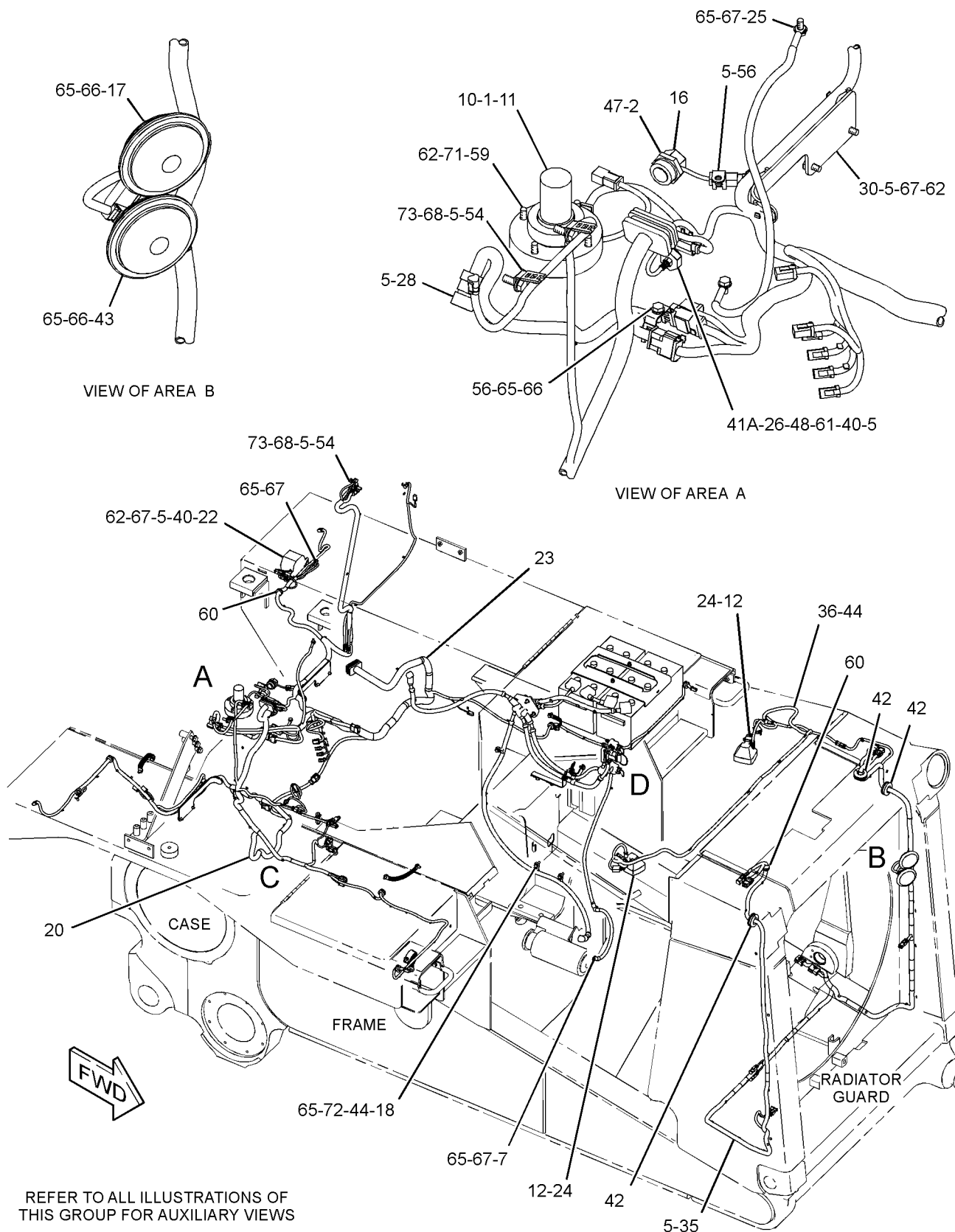
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

i03536456



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

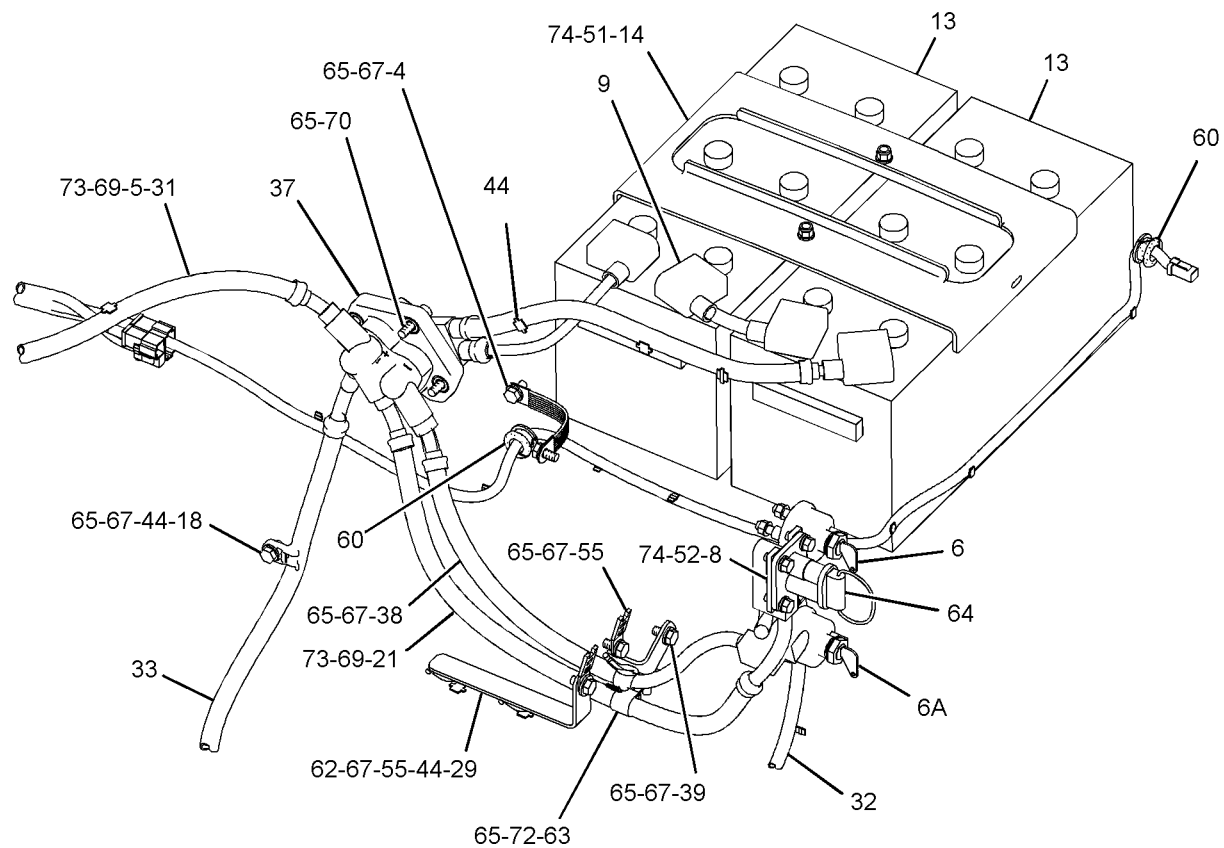
GRAPHIC #1

g01791653

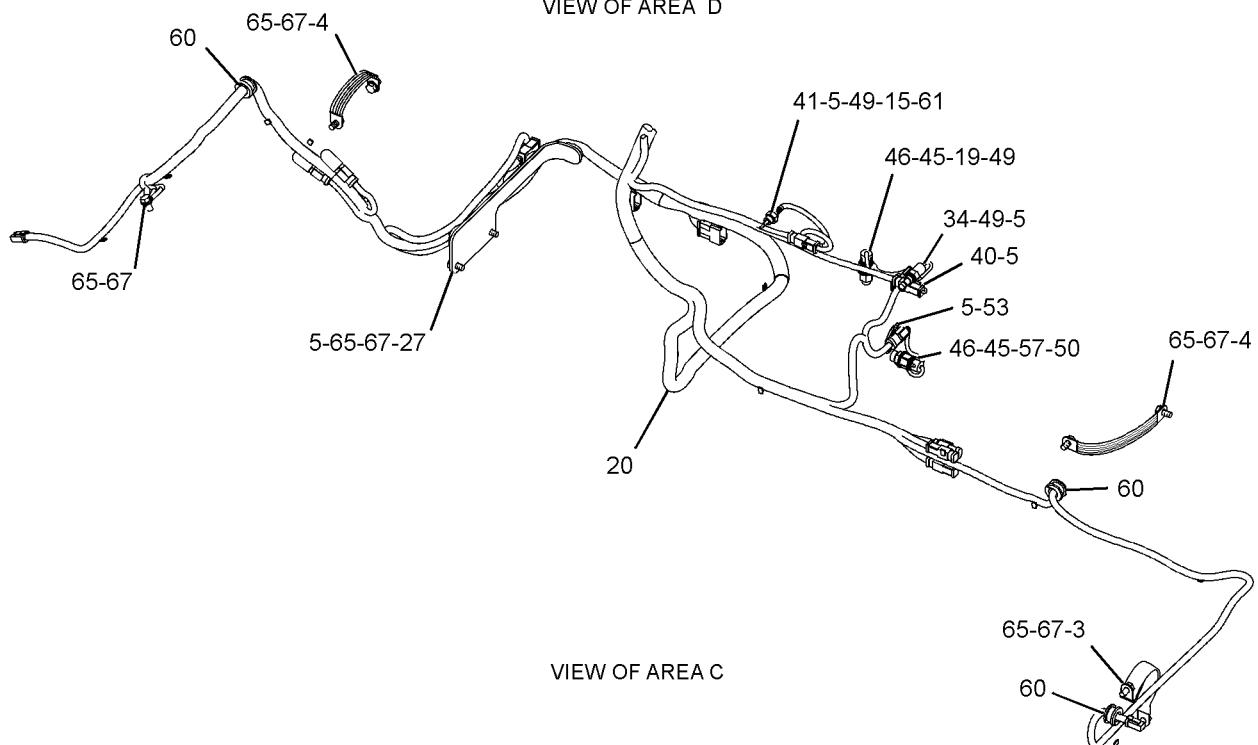
ELECTRICAL AND STARTING SYSTEM

213-7003 BATTERY & WIRING GP (contd.)

i03536456



VIEW OF AREA D



VIEW OF AREA C

GRAPHIC #2

<END>

g01791654

ELECTRICAL AND STARTING SYSTEM

167-8984 BATTERY GP-CAES, RECHARGEABLE

S/N: RJG1-UP

24-VOLT

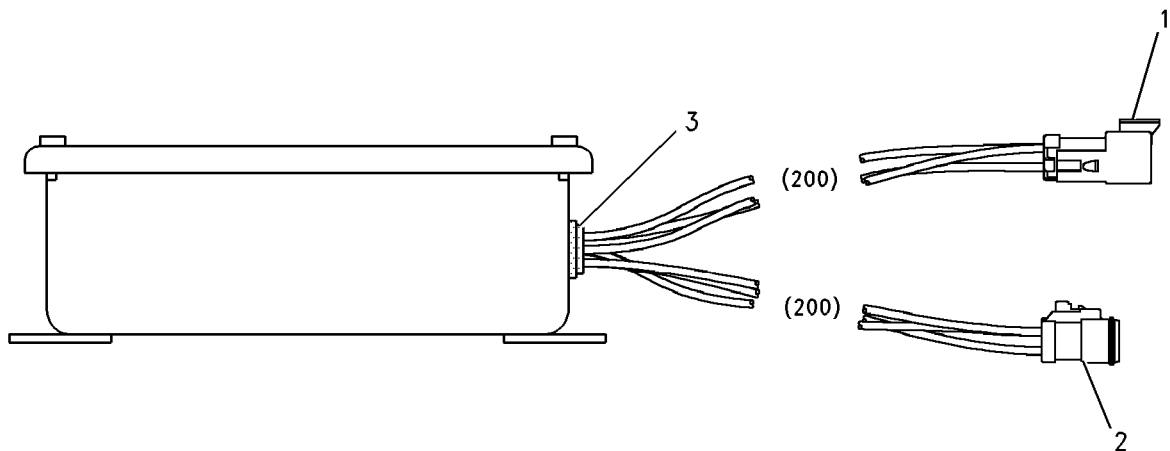
PART OF 277-5253 INSTALLATION AR-CAES

AN ATTACHMENT

SMCS-1401

i02756703

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
	2	1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
					(INCLUDES PLUG AS AND WEDGE)						
	3	1	7X-6085	1	GROMMET AS-SEAL						
		1	5S-7348	1	SCREW-MACHINE (6-32X0.375-IN)						



GRAPHIC #1

<END>

g00989583

ELECTRICAL AND STARTING SYSTEM

226-6357 CAMERA AR

S/N: RJG1-UP

PART OF 231-5217 MINING AR

FOR USE WITH 276-1365-PAGE 428, 224-5140-PAGE 410, 231-3070-PAGE 414, 231-3071-PAGE 416, 231-3072-PAGE 420. CANNOT BE USED WITH 213-6382-PAGE 1161,

WINCH AR
AN ATTACHMENT

SMCS-7348

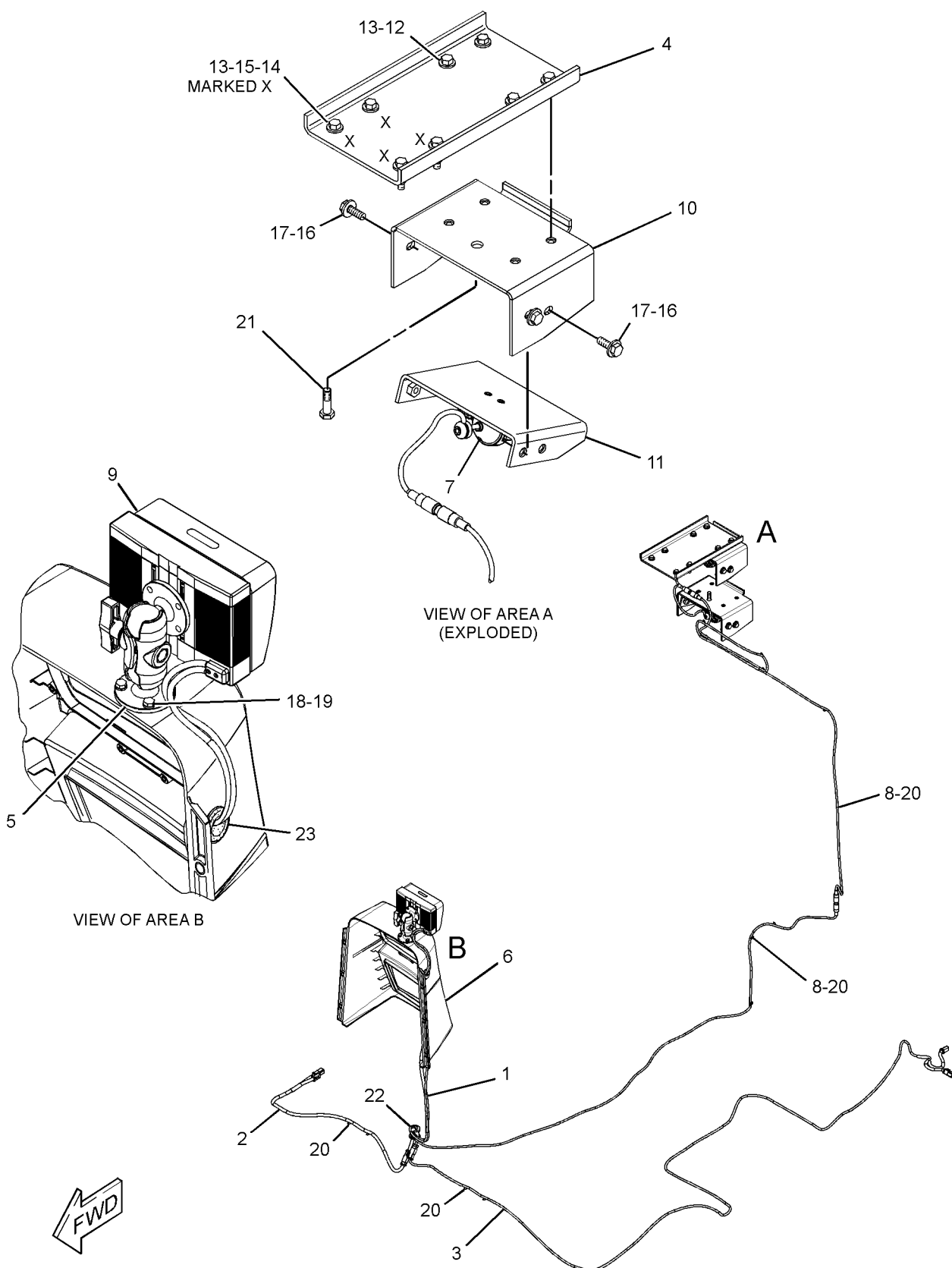
i03531781

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	226-2860	1	HARNESS AS-MONITOR						
	2	1	226-2862	1	HARNESS AS-WIRING						
	3	1	226-2865	1	HARNESS AS-ALARM						
	4	1	229-8779	1	BRACKET						
	5	1	248-6974	1	PLATE AS						
	6	1	248-6980	1	CONSOLE AS-FRONT						
		1	209-5155	1	CONSOLE-FRONT						
J	7	1	251-4160	1	CAMERA GP (115-DEG, COLOR)						
	8	1	261-3223	2	CABLE AS-COAXIAL						
Y	9	1	261-3226	1	DISPLAY GP-CAMERA (WORK AREA VISUAL SYSTEM)						381
	10	1	274-3663	1	BRACKET AS						
	11	1	274-3664	1	BRACKET AS						
	12	1	4L-6454	4	BOLT (3/8-16X1-IN)						
	13	1	5P-1075	12	WASHER-HARD (10.2X22.5X3-MM THK)						
	14	1	5S-7382	4	BOLT (3/8-16X1.375-IN)						
	15	1	6V-8801	4	NUT (3/8-16-THD)						
	16	1	7X-7729	4	WASHER (11X25X3-MM THK)						
M	17	1	8T-4195	4	BOLT (M10X1.5X30-MM)						
M	18	1	8T-4971	4	BOLT (M6X1X30-MM)						
	19	1	9X-8256	4	WASHER (6.6X12X2-MM THK)						
B	20	1	7K-1181	17	STRAP-CABLE						
M	21	1	8T-4183	1	BOLT (M12X1.75X40-MM)						
	22	1	122-0450	1	GROMMET						
	23	1	6H-4005	1	GROMMET						
					AVAILABLE REPAIR KIT(S):						
J			251-4162	1	KIT-BRACKET (CAMERA)						
					(INCLUDES BRACKET, BOLTS, LOCKNUTS, GASKET, & ALLENKEY)						
B-USE AS REQUIRED											
J-KIT MARKED J SERVICES PART(S) MARKED J											
M-METRIC PART											
Y-SEPARATE ILLUSTRATION											

ELECTRICAL AND STARTING SYSTEM

226-6357 CAMERA AR (contd.)

i03531781



GRAPHIC #1

<END>

g01528008

ELECTRICAL AND STARTING SYSTEM

328-3656 CAMERA AR

S/N: RJG1-UP

FOR USE WITH 276-1365-PAGE 428, 224-5140-PAGE 410, 231-3070-PAGE 414,
231-3071-PAGE 416, 231-3072-PAGE 420. CANNOT BE USED WITH WINCH AR
AN ATTACHMENT

SMCS-7348

i03481663

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	226-2860	1	HARNESS AS-MONITOR						
	2	1	226-2862	1	HARNESS AS-WIRING						
	3	1	226-2865	1	HARNESS AS-ALARM						
	4	1	229-8779	1	BRACKET						
J	5	1	251-4160	1	CAMERA GP (115-DEG, COLOR)						
	6	1	261-3223	2	CABLE AS-COAXIAL						
	7	1	261-3224	1	MODULE GP-DISPLAY (WORK AREA VISUAL SYSTEM)						
		1	8T-8737	1	PLUG-SEAL						
		1	102-8805	1	KIT-RECEPTACLE (6-PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
		1	186-3735	5	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	280-2691	1	CABLE AS						
	8	1	274-3663	1	BRACKET AS						
	9	1	274-3664	1	BRACKET AS						
	10	1	328-1704	1	PLATE						
	11	1	204-6101	4	WASHER-HARD (5.3X10X1-MM THK)						
	12	1	4L-6454	4	BOLT (3/8-16X1-IN)						
	13	1	5P-1075	12	WASHER-HARD (10.2X22.5X3-MM THK)						
	14	1	5S-7382	4	BOLT (3/8-16X1.375-IN)						
M	15	1	6V-3940	3	BOLT (M8X1.25X25-MM)						
	16	1	6V-8801	4	NUT (3/8-16-THD)						
M	17	1	7I-2272	4	BOLT (M5X0.8X12-MM)						
	18	1	7X-7729	4	WASHER (11X25X3-MM THK)						
M	19	1	8T-4195	4	BOLT (M10X1.5X30-MM)						
	20	1	9M-1974	3	WASHER-HARD (8.8X16X2-MM THK)						
B	21	1	7K-1181	16	STRAP-CABLE						
BM	22	1	8T-4183	1	BOLT (M12X1.75X40-MM)						
	23	1	122-0450	1	GROMMET						
AVAILABLE REPAIR KIT(S):											
J			251-4162	1	KIT-BRACKET (CAMERA) (INCLUDES BRACKET, BOLTS, LOCK NUTS, BOLT SOCKETS, GASKET & ALLENKEY 2.5-MM)						

B-USE AS REQUIRED

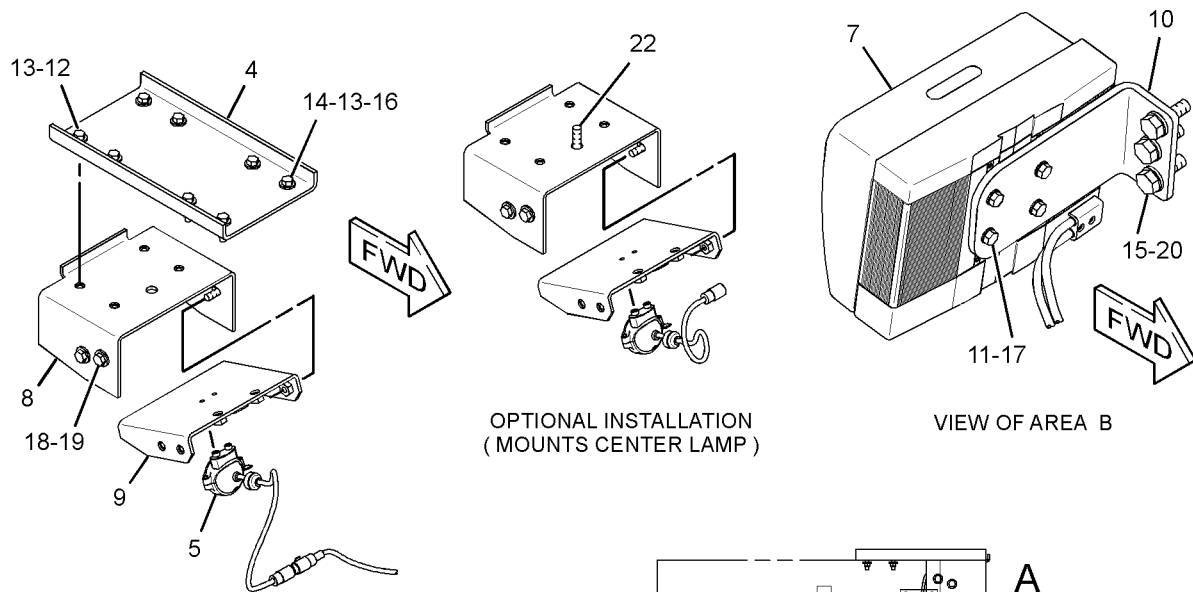
J-KIT MARKED J SERVICES PART(S) MARKED J

M-METRIC PART

ELECTRICAL AND STARTING SYSTEM

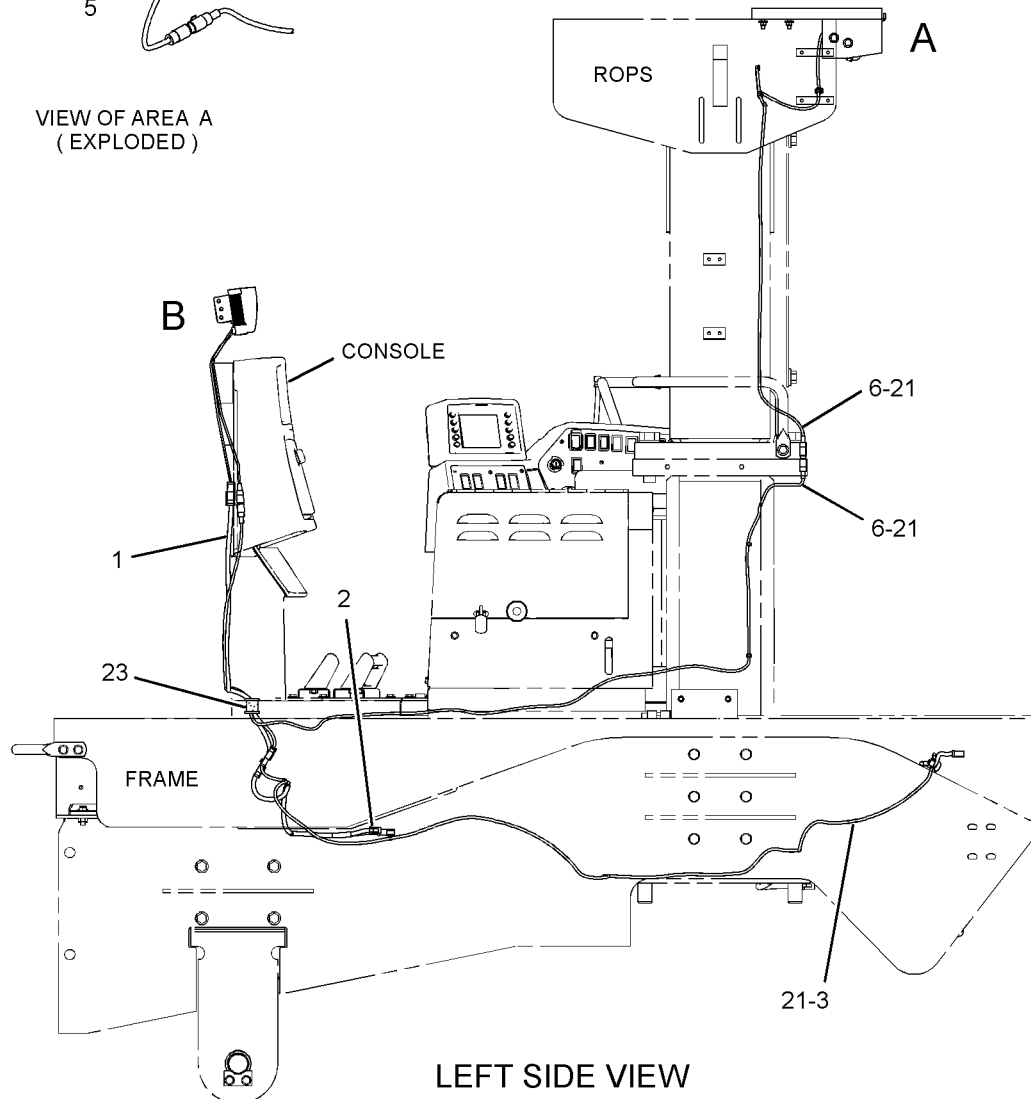
328-3656 CAMERA AR (contd.)

i03481663



VIEW OF AREA A
(EXPLODED)

VIEW OF AREA B



LEFT SIDE VIEW

GRAPHIC #1

<END>

g01828840

ELECTRICAL AND STARTING SYSTEM

239-1466 CONNECTION GP-ELECTRICAL-BATTERY CHARGER

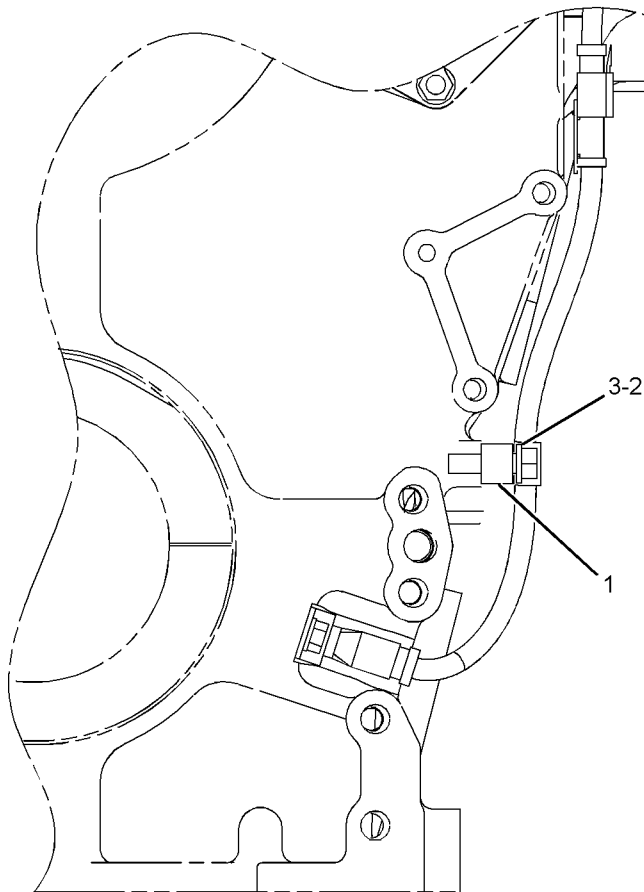
S/N: EHX1-UP

PART OF 235-8210 SENSOR GP-ENGINE
ALSO AN ATTACHMENT

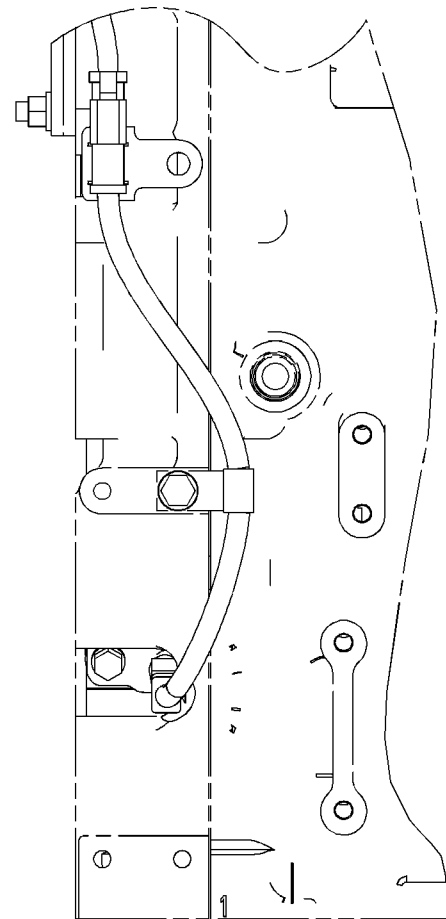
SMCS-1408

i02047003

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7W-8106	1	SPACER (11.13X19.05X15-MM THK)						
	2	1	3B-1915	1	BOLT (3/8-16X1.375-IN)						
	3	1	5M-2894	1	WASHER-HARD (10.2X18.5X2.5-MM THK)						



FRONT VIEW



LEFT SIDE VIEW

GRAPHIC #1

<END>

g01052119

ELECTRICAL AND STARTING SYSTEM

243-1554 CONTROL & MTG GP-ENGINE ELEK

S/N: EHX1-UP

PART OF 212-2737, 212-2744, 271-2219, 271-2220 ENGINE AR-COMPLETE
ALSO AN ATTACHMENT

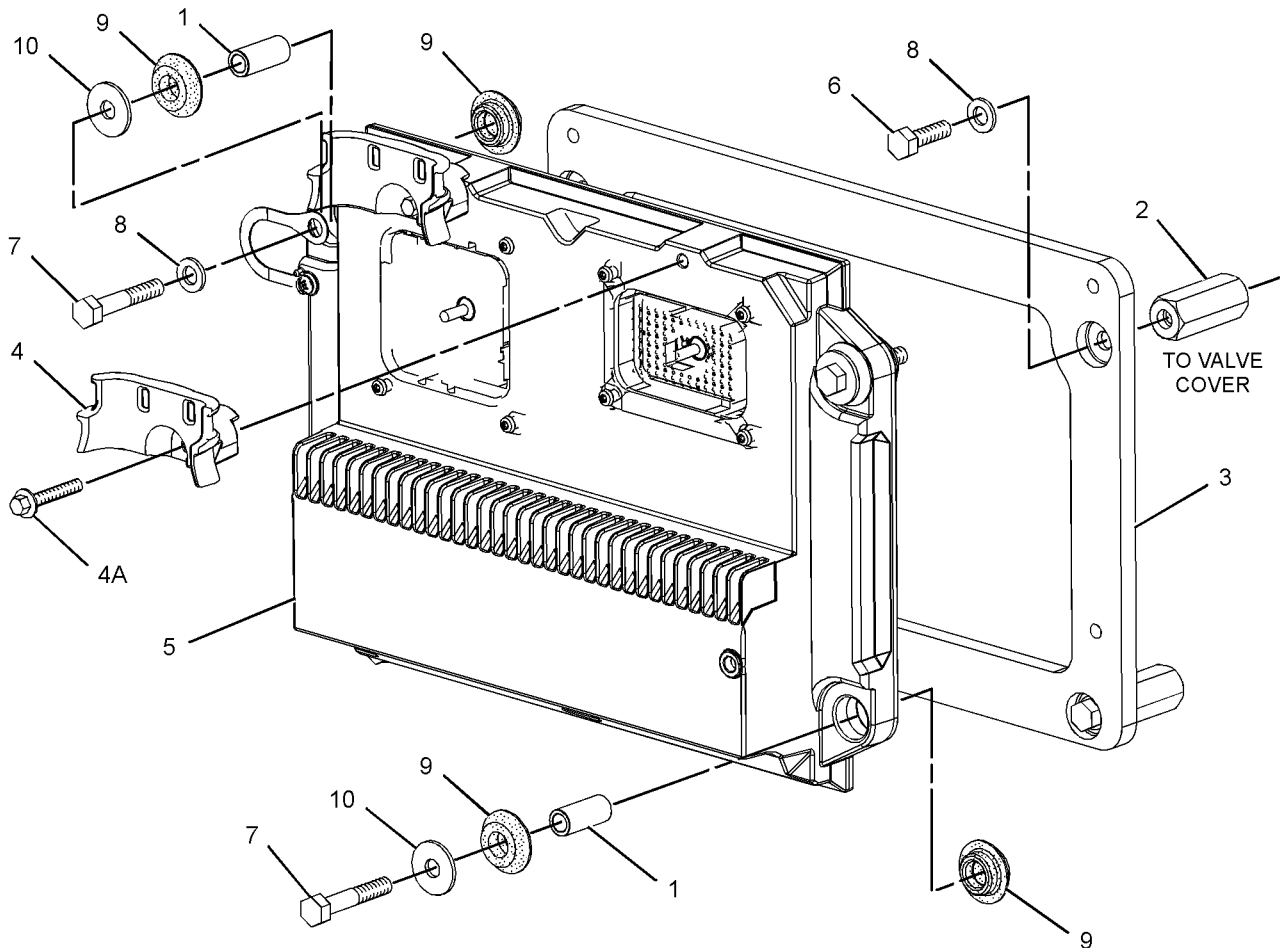
SMCS-1901, 7620

i02877740

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-1418	4	SPACER (8.2X12.7X28.7-MM THK)						
	2	1	221-2616	4	SPACER (5/16-2X1.85-IN)						
	3	1	225-6309	1	BRACKET						
	4	1	233-0891	2	BRACKET AS						
					(EACH INCLUDES)						
M	4A	1	232-1693	1	BOLT-FLANGE HEAD (M6X1X35-MM)						
Y	5	1	239-7902	1	CONTROL GP-ENGINE ELECTRONIC						376
	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



GRAPHIC #1

<END>

g01433349

ELECTRICAL AND STARTING SYSTEM

196-9987 CONTROL & MTG GP-IMPLEMENT-RIPPER

S/N: RJG1-UP

PART OF 216-2552 CONTROL AR-HYDRAULIC
AN ATTACHMENT

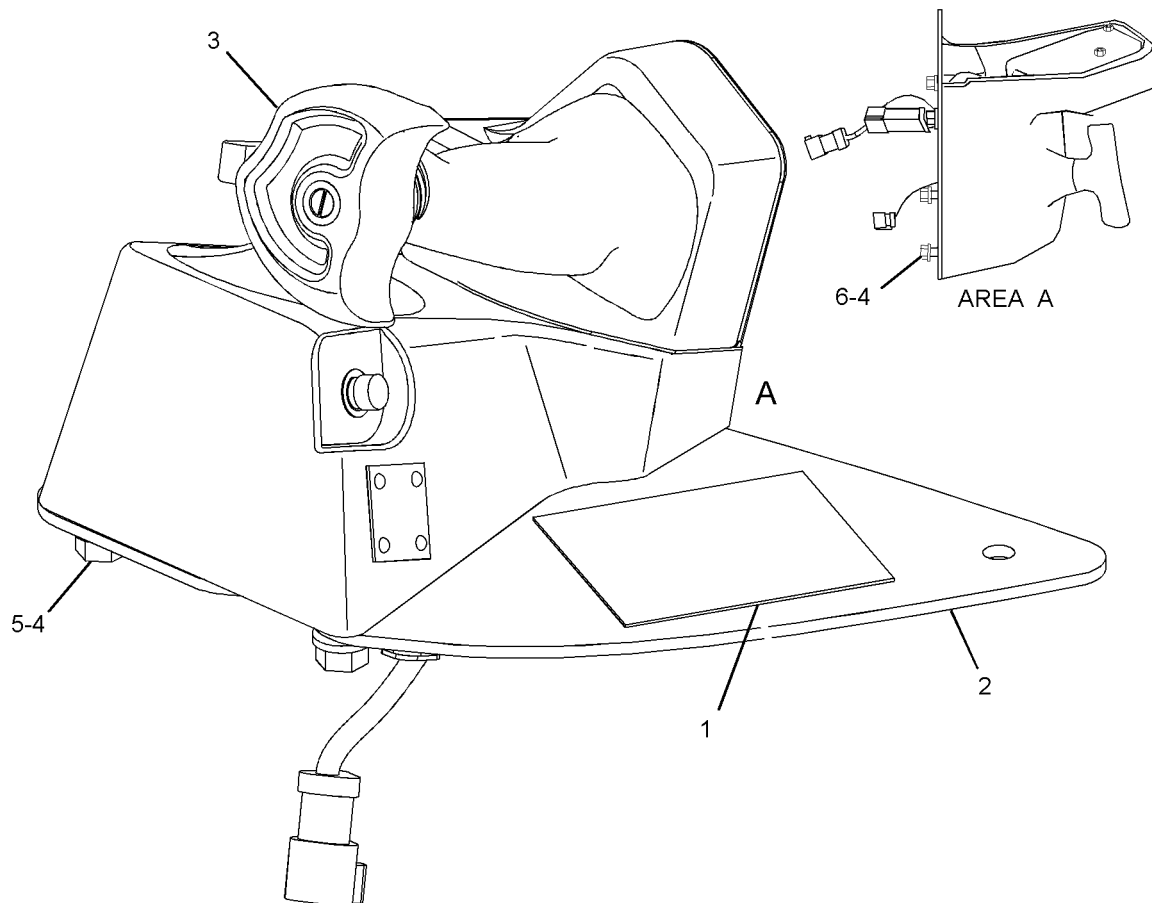
SMCS-5700, 5701

i02285067

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	137-3928	1	FILM-INSTRUCTION (RIPPER CONTROL)	
	2	1	224-5871	1	PLATE	
Y	3	1	226-7420	1	CONTROL GP-RIPPER	1079
	4	1	5P-4116	4	WASHER-HARD (8.8X20.5X2-MM THK)	
M	5	1	8T-4908	2	BOLT (M8X1.25X25-MM)	
M	6	1	8T-7547	2	BOLT (M8X1.25X30-MM)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01110204

ELECTRICAL AND STARTING SYSTEM

212-0710 CONTROL & MTG GP-POWER TRAIN

S/N: RJG1-UP

PART OF 212-2746 POWER TRAIN AR

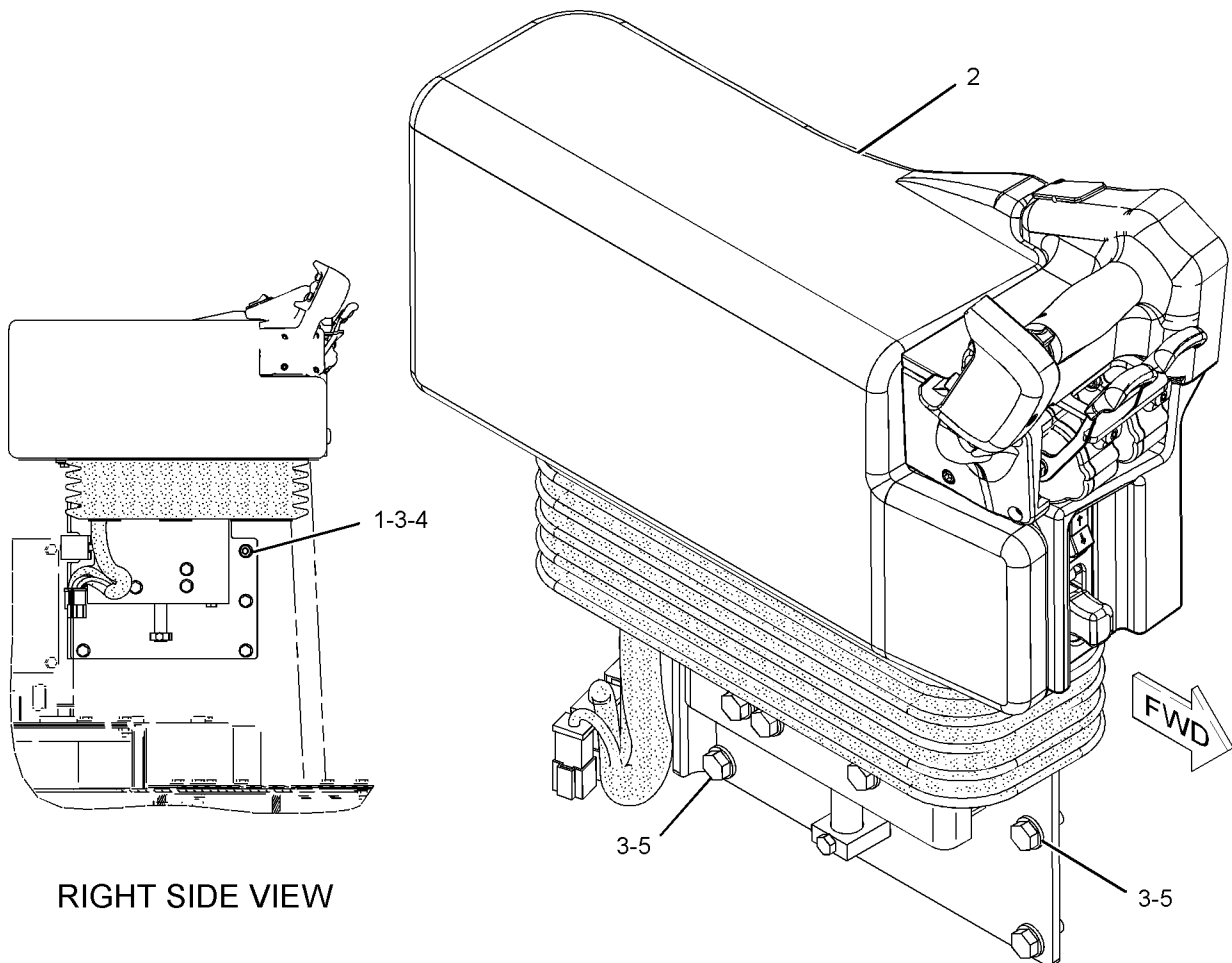
SMCS-4800

i02263383

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	171-7077	2	ROD-THREADED						
Y	2	1	212-0704	1	CONTROL GP-STEERING & XMSN						795
	3	1	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)						
M	4	1	8T-4133	2	NUT (M10X1.5-THD)						
M	5	1	8T-4136	4	BOLT (M10X1.5X25-MM)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01052209

ELECTRICAL AND STARTING SYSTEM

299-4673 CONTROL GP-COMMUNICATION

S/N: RJG1-UP
FIELD INSTALLATION

SMCS-7610, 7620

i02828746

PART NAME

SEE
PAGE

NOTE

PART NUMBER

QTY

1 2 3 4 5 6 (PRODUCT LEVEL)

(NO SERVICED PARTS)

<END>

ELECTRICAL AND STARTING SYSTEM

255-5282 CONTROL GP-ELECTRONIC

S/N: EHX1-UP

PART OF 239-7902 CONTROL GP-ENGINE ELECTRONIC

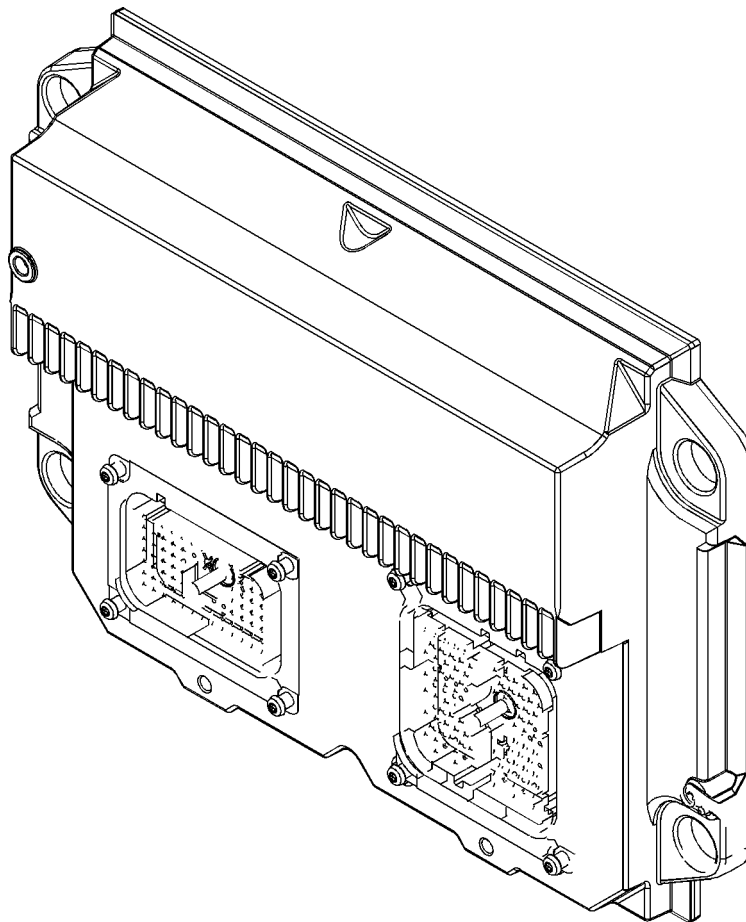
FIELD REPLACEMENT FOR 239-7902-PAGE 376

ALSO AN ATTACHMENT

SMCS-7418, 7490

i02204424

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



GRAPHIC #1

<END>

g01040021

ELECTRICAL AND STARTING SYSTEM

239-7902 CONTROL GP-ENGINE ELECTRONIC

S/N: EHX1-UP

FULL FEATURE

PART OF 243-1554 CONTROL & MTG GP-ENGINE ELEK

FIELD REPLACEMENT ORDER 255-5282—PAGE 375

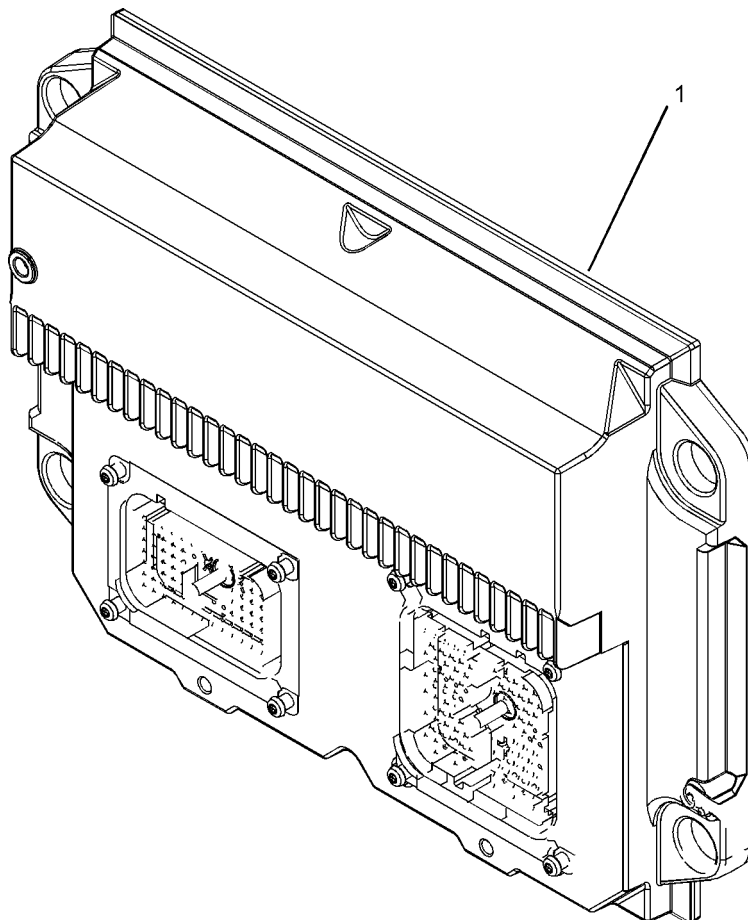
ALSO AN ATTACHMENT

TYPE 1

SMCS-1901

i02457709

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	255-5282	1	CONTROL	GP-ELECTRONIC					375
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g01040016

ELECTRICAL AND STARTING SYSTEM

239-7902 CONTROL GP-ENGINE ELECTRONIC

S/N: EHX1-UP

FULL FEATURE

PART OF 243-1554 CONTROL & MTG GP-ENGINE ELEK

FIELD REPLACEMENT ORDER 255-5282—PAGE 375

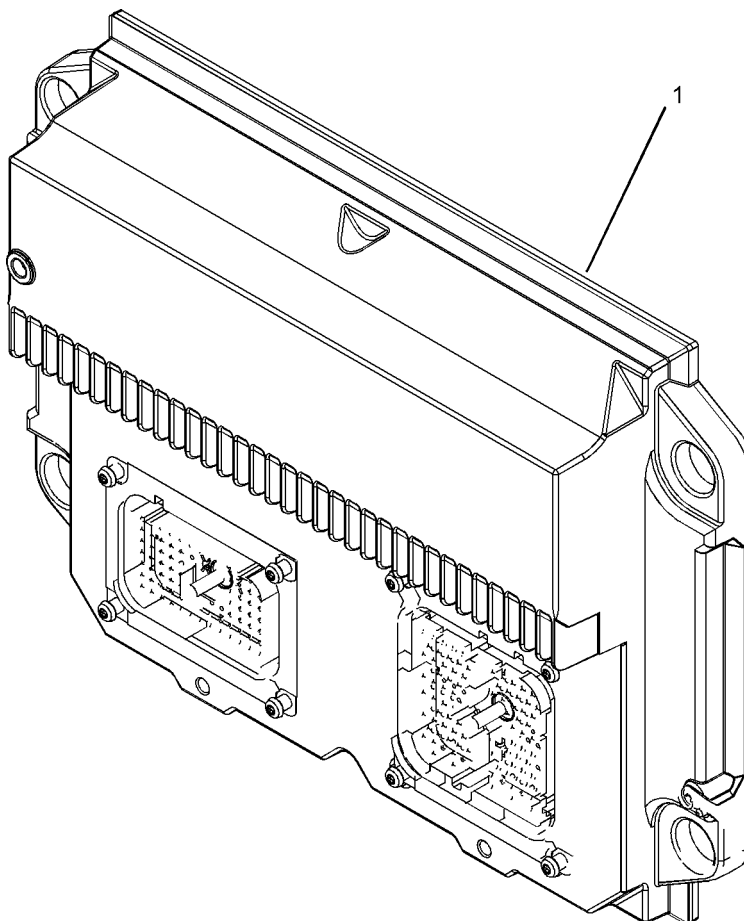
ALSO AN ATTACHMENT

TYPE 2

SMCS-1901

i02458265

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	262-2876	1	CONTROL GP-ENGINE ELECTRONIC						



GRAPHIC #1

<END>

g01040016

ELECTRICAL AND STARTING SYSTEM

239-7902 CONTROL GP-ENGINE ELECTRONIC

S/N: EHX1-UP

FULL FEATURE

PART OF 243-1554 CONTROL & MTG GP-ENGINE ELEK

FIELD REPLACEMENT ORDER 255-5282—PAGE 375

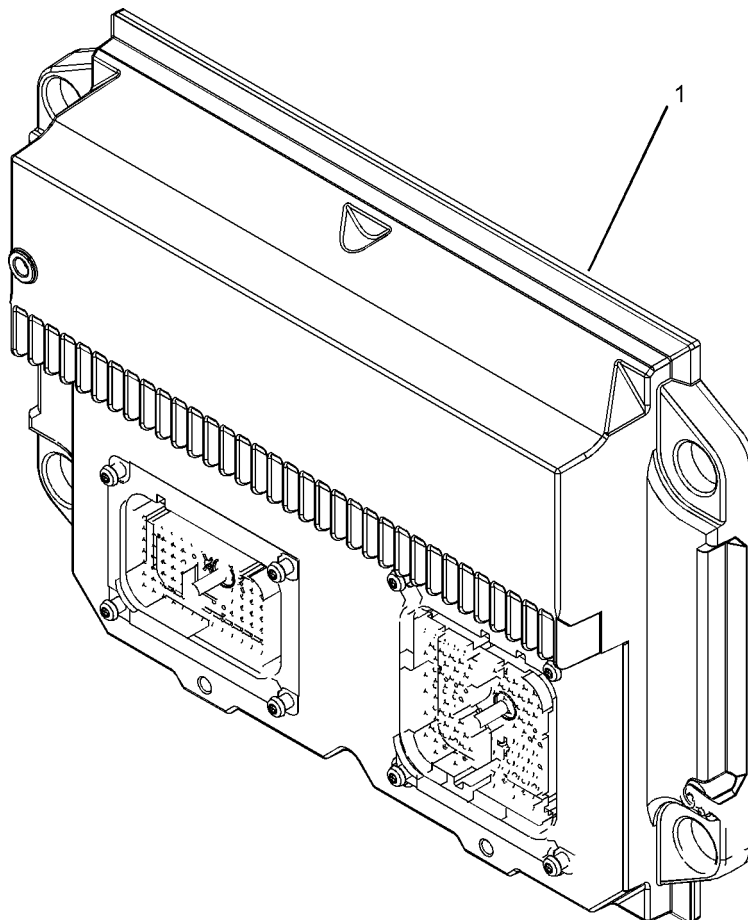
ALSO AN ATTACHMENT

TYPE 3

SMCS-1901

i02522152

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	1	1	274-1955	1	CONTROL	GP-ENGINE	ELECTRONIC				
C-CHANGE FROM PREVIOUS TYPE											



GRAPHIC #1

<END>

g01040016

ELECTRICAL AND STARTING SYSTEM

239-9954 CONTROL GP-UNPROGRAMMED-PRODUCT LINK 300

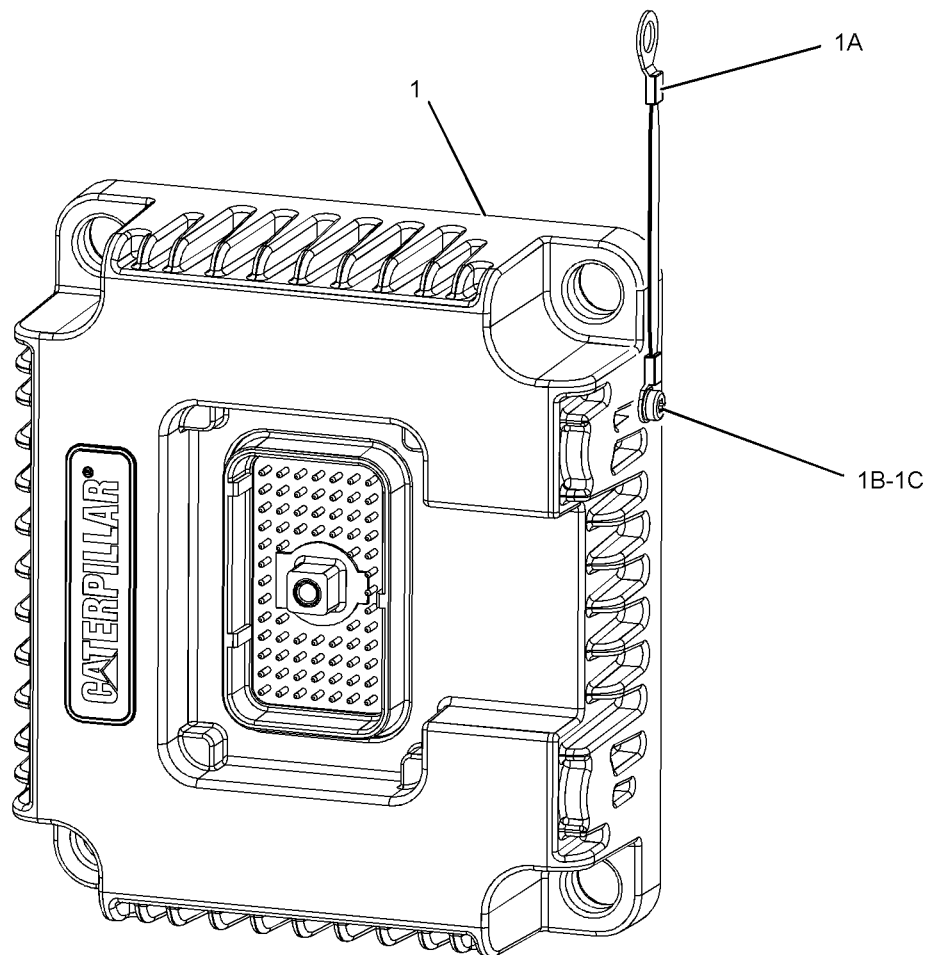
S/N: RJG1-UP

PART OF 255-4206 INSTALLATION GP-COMMUNICATION
AN ATTACHMENT

SMCS-7610

i03121725

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



GRAPHIC #1

<END>

g01377625

ELECTRICAL AND STARTING SYSTEM

214-2540 CONVERTER GP-ELECTRICAL

S/N: RJG1-UP

24-VOLT TO 12-VOLT, 25-AMPERE

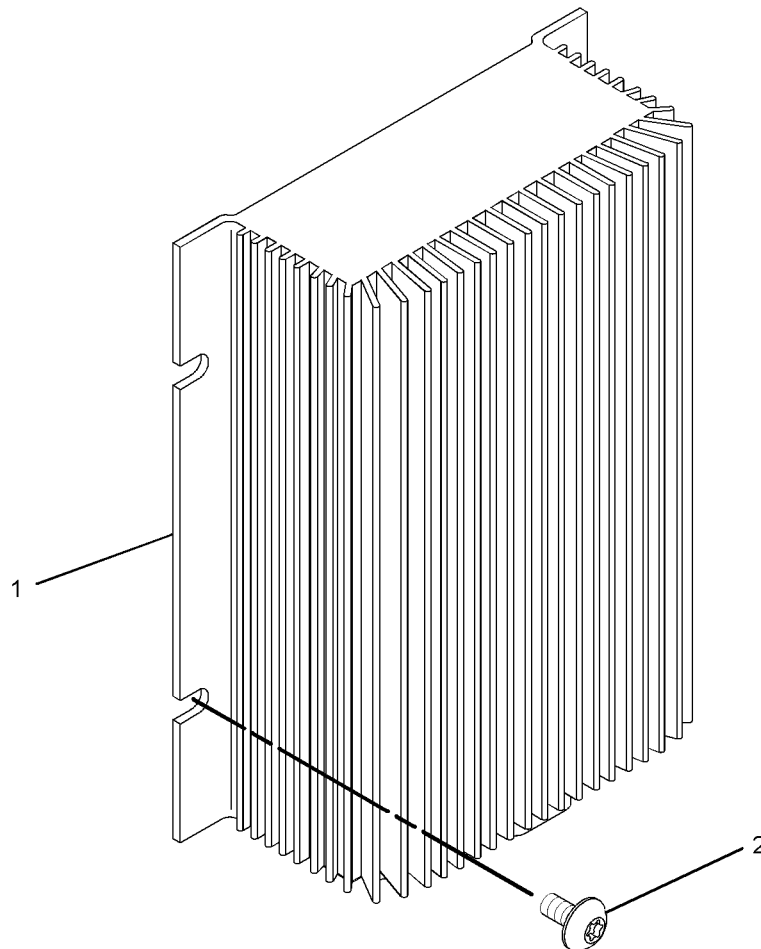
PART OF 231-5217 MINING AR

AN ATTACHMENT

SMCS-1421

i03531906

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	239-3902	1	CONVERTER-ELECTRICAL (24-VOLT TO 12-VOLT)						
M	2	1	9X-2042	4	SCREW-TRUSS HEAD (M6X1X12-MM)						
M-METRIC PART											



GRAPHIC #1

<END>

g01037155

ELECTRICAL AND STARTING SYSTEM

261-3226 DISPLAY GP-CAMERA-WORK AREA VISUAL SYSTEM

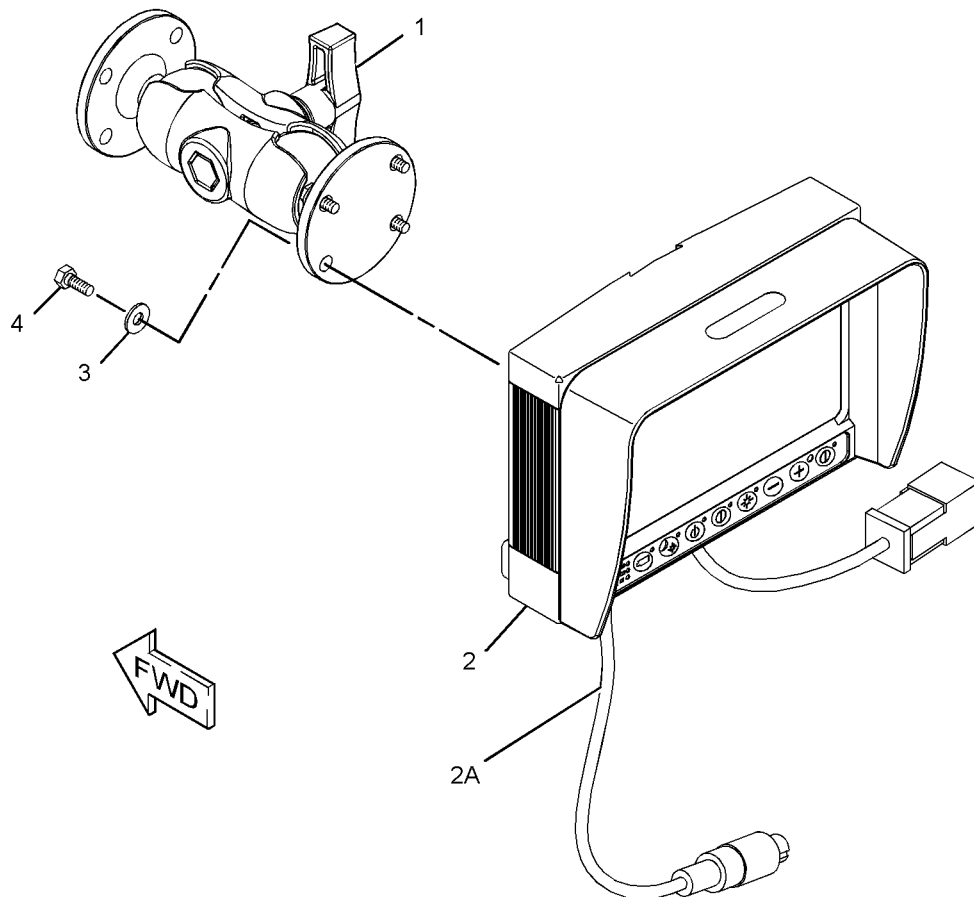
S/N: RJG1-UP

PART OF 226-6357 CAMERA AR
AN ATTACHMENT

SMCS-7347

i02764611

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	261-3222	1	MOUNTING GP-DISPLAY (WORK AREA VISUAL SYSTEM)	
		1	259-4397	1	CLAMP GP	
		1	259-4399	2	BASE	
	2	1	261-3224	1	MODULE GP-DISPLAY (WORK AREA VISUAL SYSTEM)	
	2A	1	280-2691	1	CABLE AS	
		1	102-8805	1	KIT-RECEPTACLE (6-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
		1	8T-8737	1	PLUG-SEAL	
		1	186-3735	5	PIN-CONNECTOR (16-GA TO 18-GA)	
	3	1	4B-4274	4	WASHER (5.5X13X1.2-MM THK)	
M	4	1	8T-0288	4	BOLT (M5X0.8X12-MM)	
M-METRIC PART						



GRAPHIC #1

<END>

g01383320

ELECTRICAL AND STARTING SYSTEM

212-2743 ELECTRONICS AR-MACHINE

S/N: RJG1-UP

PART OF 212-2740 GENERAL AR

SMCS-7610, 7620

i02275880

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	214-1002	1	ELECTRONICS	GP-IMPLEMENT					382
Y	214-1001	1	ELECTRONICS	GP-MONITOR					383
Y	214-1000	1	ELECTRONICS	GP-POWER TRAIN					383
Y-SEPARATE ILLUSTRATION									

<END>

262-2043 ELECTRONICS GP-COMMUNICATION- PRODUCT LINK 300

S/N: RJG1-UP

PART OF 255-4206 INSTALLATION GP-COMMUNICATION
AN ATTACHMENT

SMCS-7606, 7610, 7620

i03323022

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	330-3409	1	SOFTWARE GP-COMMUNICATION (PRODUCT LINK 300)						
			-OR-						
	330-3410	1	SERVICE GP-COMMUNICATION (PRODUCT LINK 300)						
			(OPTIONAL SERVICE REPLACEMENT) (INCLUDES CONTROL GP & SOFTWARE)						
	7X-6315	1	STRAP AS-GROUND						
	126-7574	1	SCREW-PAN HEAD (8-32X9.52-MM)						
	134-4126	1	WASHER (4.52X8.28X0.76-MM THK)						

<END>

214-1002 ELECTRONICS GP-IMPLEMENT

S/N: RJG1-UP

PART OF 212-2743 ELECTRONICS AR-MACHINE

SMCS-5701, 7610, 7620

i03531909

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	327-0339	1	SOFTWARE GP-IMPLEMENT						
			-OR-						
	327-0340	1	SERVICE GP-IMPLEMENT						
			(OPTIONAL SERVICE REPLACEMENT) (INCLUDES CONTROL GP & SOFTWARE)						

<END>

ELECTRICAL AND STARTING SYSTEM

214-1001 ELECTRONICS GP-MONITOR

S/N: RJG1-UP

PART OF 212-2743 ELECTRONICS AR-MACHINE

SMCS-7490, 7601, 7603, 7610, 7620

i03040327

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	317-7378	1	SOFTWARE GP-MONITOR						
			-OR-						
	317-7379	1	SERVICE GP-MONITOR						
			(OPTIONAL SERVICE REPLACEMENT) (INCLUDES CONTROL GP & SOFTWARE)						
			<END>						

214-1000 ELECTRONICS GP-POWER TRAIN

S/N: RJG1-UP

PART OF 212-2743 ELECTRONICS AR-MACHINE

SMCS-4800, 4808, 7610, 7620

i03040500

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	320-3341	1	SOFTWARE GP-POWER TRAIN						
			-OR-						
	320-3342	1	SERVICE GP-POWER TRAIN						
			(OPTIONAL SERVICE REPLACEMENT) (INCLUDES CONTROL GP & SOFTWARE)						
			<END>						

325-3858 GRADE CONTROL AR-ACCUGRADE

S/N: RJG1-UP

CANNOT BE USED WITH AUTOCARRY
AN ATTACHMENT

SMCS-7220

i03480201

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	327-3550	1	CONTROL GP-JOYSTICK (BULLDOZER)						1078
Y	325-3753	1	MOUNTING GP-GRADE CONTROL						433
Y	325-4461	1	MOUNTING GP-MONITOR (PLATFORM)						1136
Y-SEPARATE ILLUSTRATION									
<END>									

ELECTRICAL AND STARTING SYSTEM

332-3577 GRADE CONTROL AR

S/N: RJG1-UP

FOR USE WITH 325-3858—PAGE 383
AN ATTACHMENT

SMCS-7220

i03480381

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	286-0134	1	DISPLAY GP-MONITOR (CD700)						1085
	332-3579	1	RECEIVER GP-SATELLITE (GRADE CONTROL)						
R	291-1913	1	RECEIVER AS-SATELLITE (GNSS, MS990)						
	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	8T-4136	4	BOLT (M10X1.5X25-MM)						
M-METRIC PART R-REMFG PART MAY BE AVAILABLE Y-SEPARATE ILLUSTRATION									

<END>

ELECTRICAL AND STARTING SYSTEM

213-0050 HEATER GP-FUEL

S/N: RJG1-UP
FOR USE WITH CAB HEATER
AN ATTACHMENT

SMCS-1296

i02262757

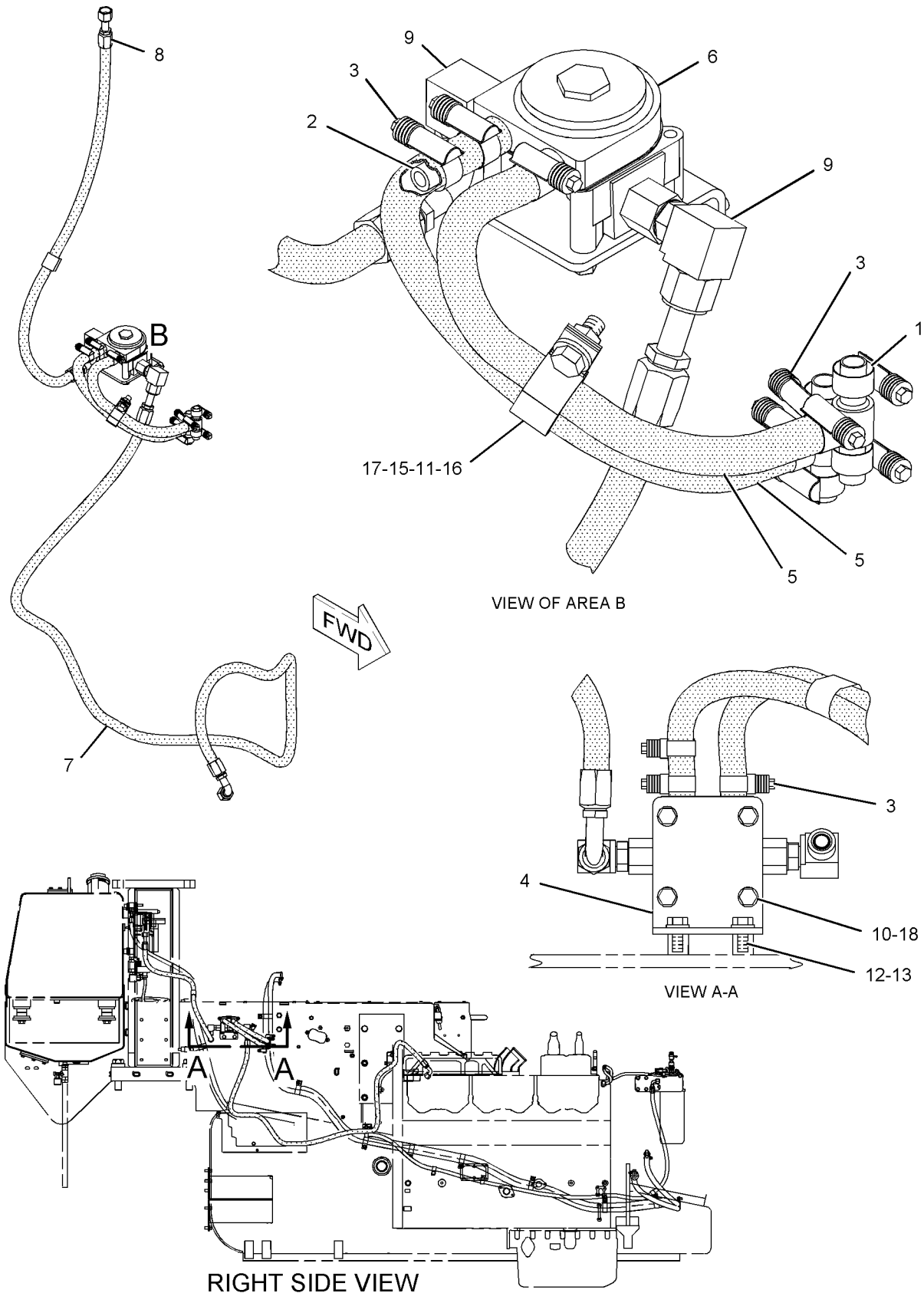
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7C-0754	2	TEE						
	2	1	9W-8394	1	ORIFICE						
	3	1	9X-2488	9	CLAMP-HOSE						
	4	1	101-8240	1	BRACKET						
J	5	1	106-5823	2	HOSE						
	6	1	111-9289	1	HEATER AS (FUEL, COOLANT)						
		1	111-9827	2	ADAPTER						
		1	2M-9780	2	SEAL-O-RING						
I	7	1	222-2196	1	HOSE AS						
I	8	1	222-2197	1	HOSE AS						
	9	1	150-4048	2	ELBOW AS						
					(EACH INCLUDES)						
		1	6V-8722	1	ELBOW						
		1	3K-0360	1	SEAL-O-RING						
		1	7J-9108	1	SEAL-O-RING						
	10	1	4L-6454	4	BOLT (3/8-16X1-IN)						
	11	1	5P-6994	1	CLIP						
M	12	1	6V-4248	2	BOLT (M10X1.5X25-MM)						
	13	1	6V-5839	2	WASHER (11X21X2.5-MM THK)						
M	15	1	8T-4139	1	BOLT (M12X1.75X30-MM)						
	16	1	8T-4223	1	WASHER-HARD (13.5X25.5X3-MM THK)						
M	17	1	8T-4244	1	NUT (M12X1.75-THD)						
	18	1	8T-4896	4	WASHER-HARD (10.2X18.5X2.5-MM THK)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
J-(SHORTEN AS REQUIRED FOR PROPER ROUTING)
M-METRIC PART

ELECTRICAL AND STARTING SYSTEM

213-0050 HEATER GP-FUEL (contd.)

i02262757



GRAPHIC #1

<END>

g01136470

ELECTRICAL AND STARTING SYSTEM

214-1068 HEATER GP-JACKET WATER

S/N: RJG1-UP
120-VOLT, 30-AMPERE
AN ATTACHMENT

SMCS-1383

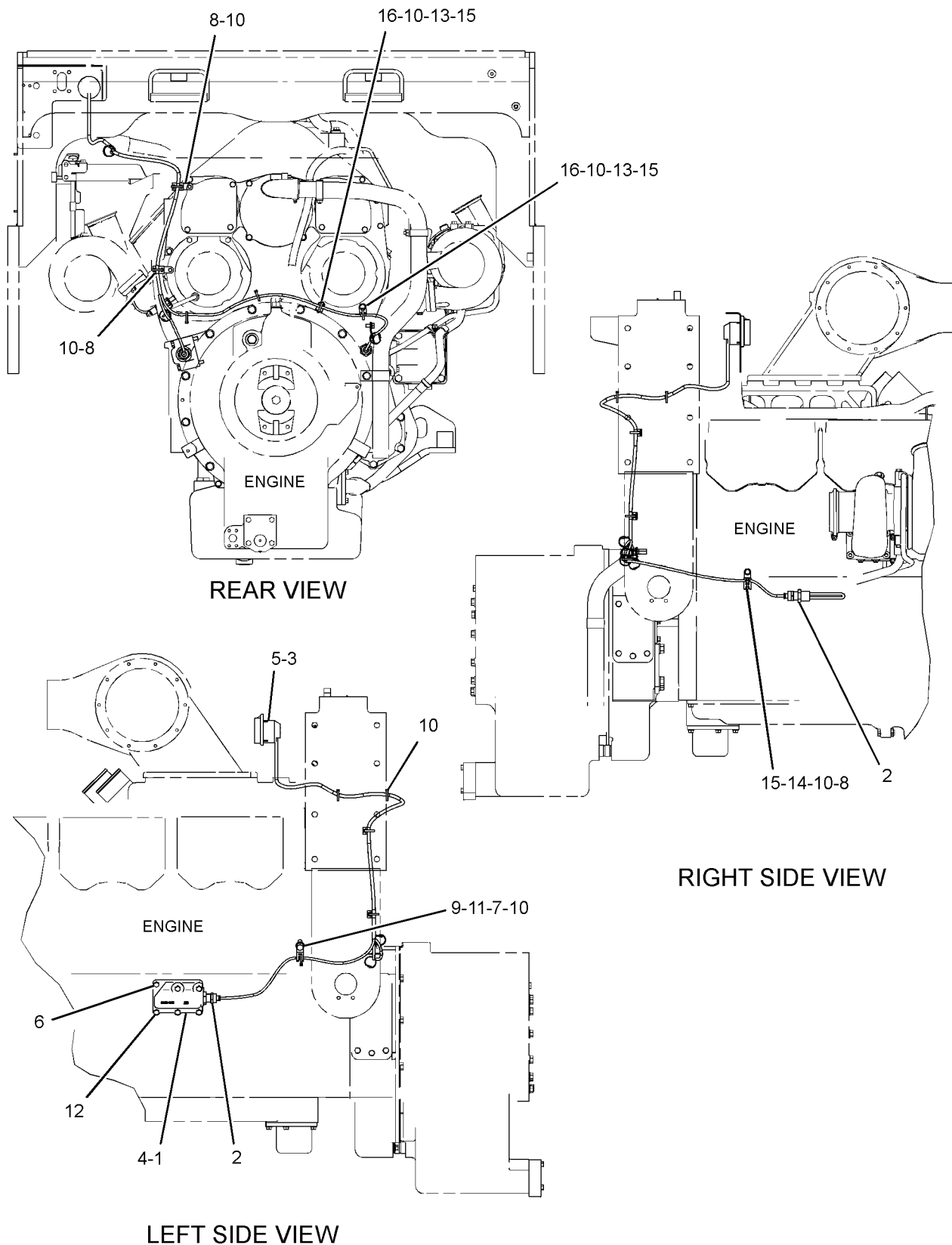
i03458840

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4N-0864	1	GASKET						
	2	1	230-3525	2	ELEMENT AS-JACKET WATER HEATER (120-VOLT, 1500-WATT)						
	3	1	234-4300	1	CORD AS-HEATER ELEMENT (DUAL, 120-VOLT, 30-AMPERE)						
	4	1	238-0293	1	ADAPTER (WATER HEATER)						
	5	1	3D-9799	4	SCREW-MACHINE (8-32X0.875-IN)						
	6	1	4L-6454	1	BOLT (3/8-16X1-IN)						
	7	1	4P-7429	1	CLIP						
	8	1	4P-7581	3	CLIP						
	9	1	5P-2228	1	BOLT (1/2-13X1-IN)						
	10	1	7K-1181	10	STRAP-CABLE						
	11	1	8T-4223	1	WASHER-HARD (13.5X25.5X3-MM THK)						
	12	1	8T-7008	5	BOLT (3/8-16X3-IN)						
	13	1	3B-1915	2	BOLT (3/8-16X1.375-IN)						
	14	1	5M-3062	1	BOLT (3/8-16X0.75-IN)						
	15	1	8T-4896	3	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	16	1	132-5789	2	CLIP						

ELECTRICAL AND STARTING SYSTEM

214-1068 HEATER GP-JACKET WATER (contd.)

i03458840



GRAPHIC #1

<END>

g01830503

ELECTRICAL AND STARTING SYSTEM

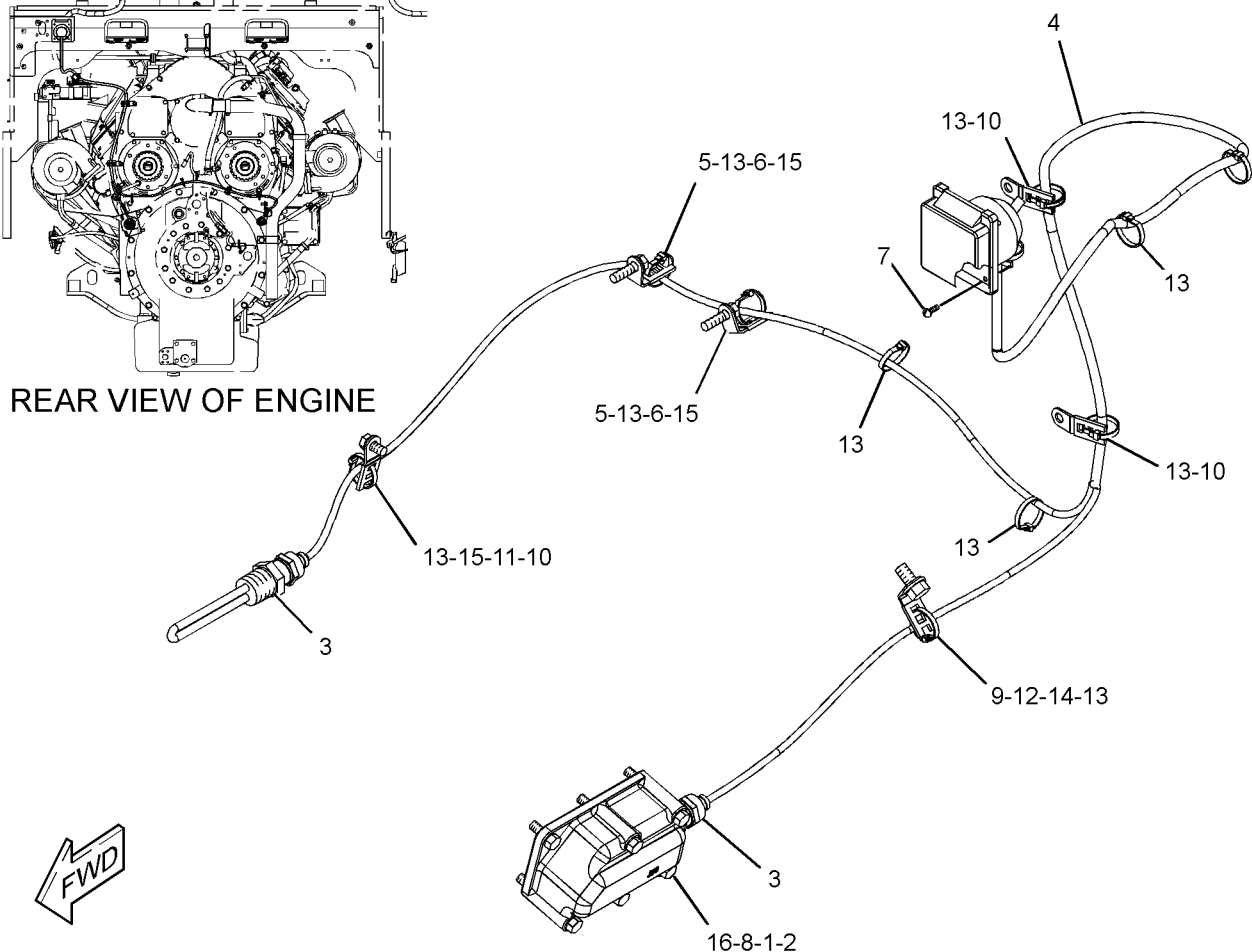
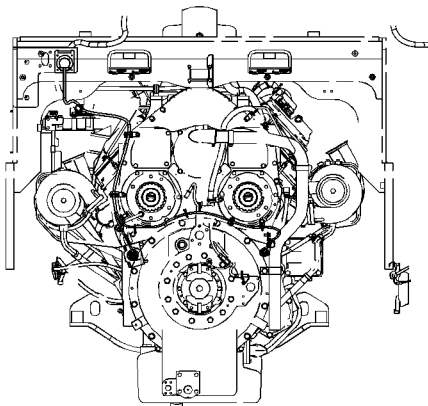
214-1069 HEATER GP-JACKET WATER

S/N: RJG1-UP
240-VOLT, 30-AMPERES
AN ATTACHMENT

SMCS-1383

i03458841

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4N-0864	1	GASKET						
	2	1	238-0293	1	ADAPTER						
	3	1	239-8051	2	ELEMENT AS-JACKET WATER HEATER (240-VOLT, 1500-WATT)						
					(EACH INCLUDES)						
		1	7M-8485	1	SEAL-O-RING						
4		1	246-4258	1	CORD AS-HEATER ELEMENT (DUAL, 240-VOLT, 30-AMPERE)						
	5	1	132-5789	2	CLIP						
	6	1	3B-1915	2	BOLT (3/8-16X1.375-IN)						
	7	1	3D-9799	4	SCREW-MACHINE (8-32X0.875-IN)						
	8	1	4L-6454	1	BOLT (3/8-16X1-IN)						
	9	1	4P-7429	1	CLIP						
	10	1	4P-7581	3	CLIP						
	11	1	5M-3062	1	BOLT (3/8-16X0.75-IN)						
	12	1	5P-2228	1	BOLT (1/2-13X1-IN)						
	13	1	7K-1181	10	STRAP-CABLE						
	14	1	8T-4223	1	WASHER-HARD (13.5X25.5X3-MM THK)						
	15	1	8T-4896	3	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	16	1	8T-7008	5	BOLT (3/8-16X3-IN)						



GRAPHIC #1

<END>

g01820973

ELECTRICAL AND STARTING SYSTEM

260-0645 HEATER GP-JACKET WATER

S/N: RJG1-UP

FOR USE WITH 270-0525-PAGE 665. CANNOT BE USED WITH 213-1112-PAGE 1026,
214-1068-PAGE 387, 214-1069-PAGE 389, 210-1500-PAGE 718, 212-2739-PAGE 105,
238-4494-PAGE 8
AN ATTACHMENT

SMCS-1383

i03535965

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	1Q-3265	1	ELBOW	
	2	2	2Q-0392	2	CONNECTOR-HOSE	
	3	1	4N-0864	1	GASKET	
	4	2	4Q-5432	1	CLAMP-EXHAUST PIPE	
	5	1	5P-4362	1	CONNECTOR	
	6	2	5S-5063	1	HOSE-FLOW	
	7	2	7T-8332	4	MOUNTING	
	8	1, 2	7X-7958	4	CLAMP-HOSE	
	9	2	8E-3430	1	STRIP AS	
	10	2	8T-4983	4	CLAMP-HOSE	
	11	2	9M-7959	2	CLAMP-HOSE	
	12	1	034-4202	1	ELBOW	
	13	1	141-0863	1	ANGLE AS	
	14	2	200-6345	2	MOUNT (DUAL SWIVEL)	
	15	2	204-2281	4	STRAP-TIE	
	16	2	226-3492	1	BRACKET AS	
	17	1	228-7315	1	FILM-WARNING (HOT SURFACE, HANDS CLEAR, U.S.)	
	18	2	234-9560	1	PLATE	
	19	1	238-0293	1	ADAPTER	
	20	2	242-9817	1	HEATER GP-COOLANT	
		2	123-0944	1	PUMP-COOLANT	
		2	205-1677	1	FUSE (25-AMPERE)	
		2	205-1678	1	SENSOR-TEMPERATURE (JACKET WATER)	
	21	1	248-6929	1	PLATFORM AS	
Y	22	1	259-8227	1	TANK GP-FUEL	297
	23	2	260-0649	1	HARNESS AS-SWITCH	
	24	2	260-0650	1	HARNESS AS-WIRING (POWER)	
	25	2	263-1486	1	SWITCH AS-ROCKER (24-VOLT) (ENGINE PREHEATER)	
	26	1	266-7676	1	FILM-INSTRUCTION (START AID, READ OMM)	
	27	1	322-9453	1	BRACKET AS	
	28	1	322-9858	1	PLATE	
	29	1	325-8626	1	SHIELD AS	
	30	2	2V-8260	1	GROMMET	
	31	2	3E-9867	2	CLIP (SLOT)	
	32	2	3E-9868	2	CLIP (TAB)	
	33	2	4D-7388	4	CLIP	
	34	1	4L-6454	1	BOLT (3/8-16X1-IN)	
	35	2	5M-3062	3	BOLT (3/8-16X0.75-IN)	
	36	2	5P-1075	2	WASHER-HARD (10.2X22.5X3-MM THK)	
	37	1	6V-5064	2	SEAL-O-RING	
	38	2	6V-8188	4	NUT (1/2-13-THD)	
	39	2	7G-8839	8	SPACER (13.5X57X6-MM THK)	
B	40	2	7K-1181	19	STRAP-CABLE	
	41	2	7X-0272	1	BOLT (7/16-14X0.875-IN)	
	42	2	7X-0325	4	BOLT (1/2-13X2.5-IN)	
	43	2	8T-2502	2	BOLT (3/8-16X1.125-IN)	
	44	1	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)	
M	45	1	8T-4136	4	BOLT (M10X1.5X25-MM)	
M	46	1	8T-4186	1	BOLT (M10X1.5X40-MM)	
M	47	1	8T-4191	1	BOLT (M10X1.5X16-MM)	
	48	2	8T-4896	3	WASHER-HARD (10.2X18.5X2.5-MM THK)	
M	49	2	8T-4908	4	BOLT (M8X1.25X25-MM)	
	50	2	8T-5360	1	WASHER (12X22.5X2.5-MM THK)	

ELECTRICAL AND STARTING SYSTEM

260-0645 HEATER GP-JACKET WATER (contd.)

i03535965

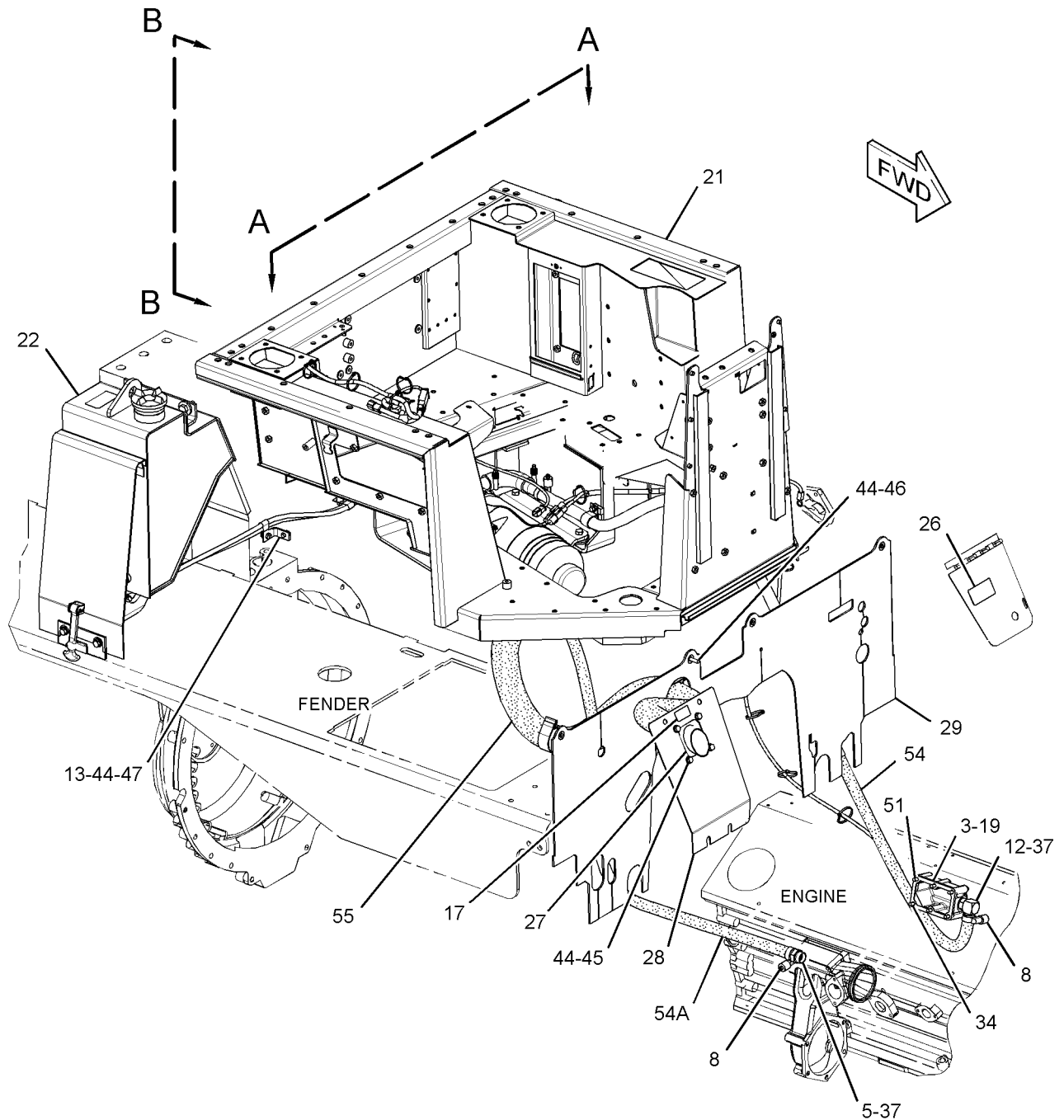
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	51	1	8T-7008	5	BOLT (3/8-16X3-IN)	
	52	2	9N-0869	4	WASHER-HARD (8.8X25.5X2-MM THK)	
E	53	2	5P-0763		HOSE (10-CM)	
E	54	1	1Q-1345		HOSE (255-CM)	
E	54A	1	1Q-1345		HOSE (199-CM)	
E	55	1	4Q-5430		PIPE (200-CM)	

B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER
M-METRIC PART
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

260-0645 HEATER GP-JACKET WATER (contd.)

i03535965



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

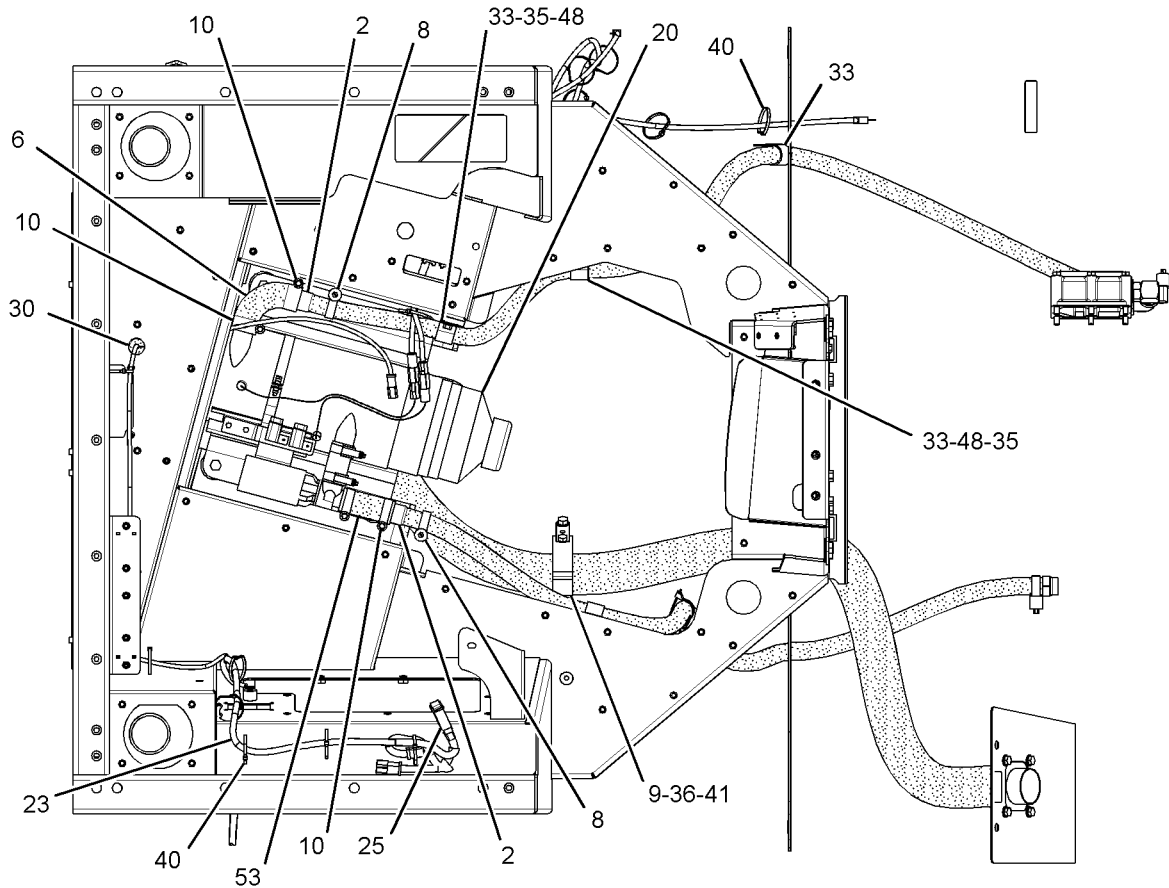
GRAPHIC #1

g01796853

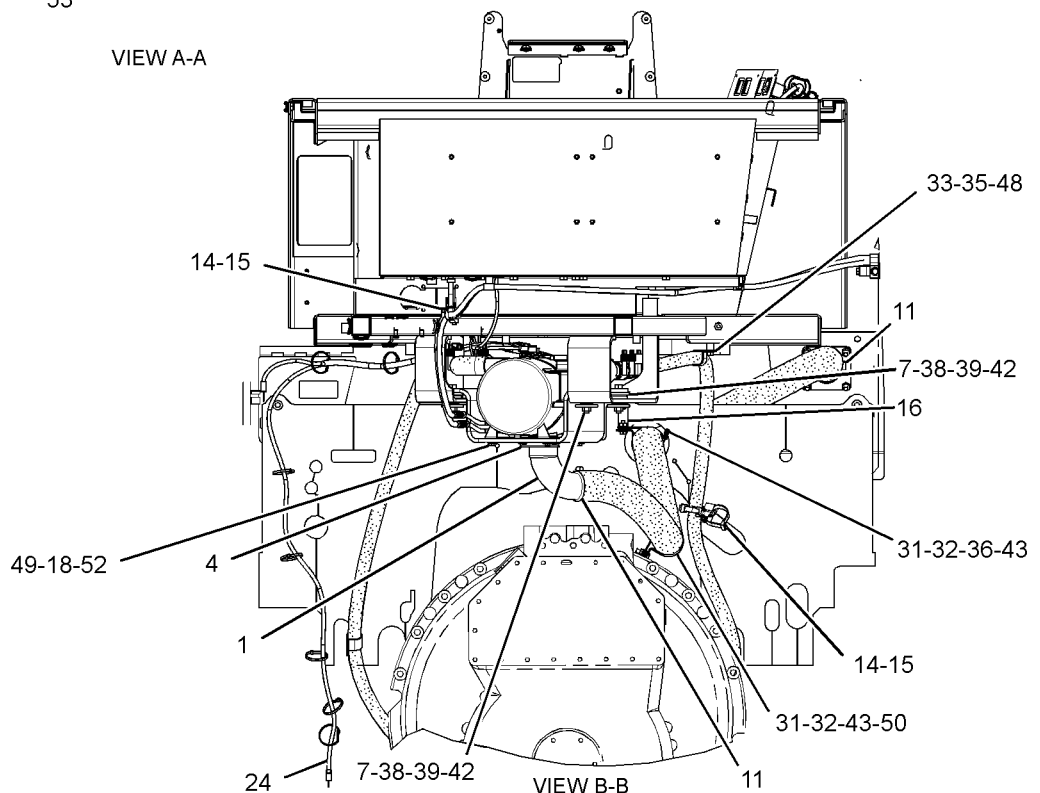
ELECTRICAL AND STARTING SYSTEM

260-0645 HEATER GP-JACKET WATER (contd.)

i03535965



VIEW A-A



VIEW B-B

GRAPHIC #2

<END>

g01796854

ELECTRICAL AND STARTING SYSTEM

257-5849 INSTALLATION AR-CAES

S/N: RJG1-UP
AN ATTACHMENT

SMCS-7604

i02447449

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	277-0493	1	DISPLAY GP-MONITOR (D3:C4 NAV 10.4)						1084
M	8T-4136	4	BOLT (M10X1.5X25-MM)						
	8T-9364	4	BOLT (1/4-20X0.625-IN)						
	244-1717	1	RECEIVER AS-SATELLITE (GPS, MS980)						
	273-5662	1	SOFTWARE						
	5P-4115	4	WASHER-HARD (7.2X19X2-MM THK)						
	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION

<END>

ELECTRICAL AND STARTING SYSTEM

277-5253 INSTALLATION AR-CAES

S/N: RJG1-UP

PART OF 231-5217 MINING AR
AN ATTACHMENT

SMCS-7604

i02801391

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	1Q-1592	1	PLATE AS						
		2	7T-1099	4	LINK						
	2	2	167-8712	1	ALARM						
	3	2	167-8713	1	BAFFLE AS						
Y	4	2	167-8984	1	BATTERY GP (CAES, RECHARGEABLE, 24-VOLT)						365
	5	2	240-5283	1	HARNESS AS-WIRING (FERRITE)						
		2	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		2	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
					(INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
	6	2	241-7669	1	ROPS AS						
		2	6H-3609	2	BOSS						
		2	7J-7778	2	LUG (1/2-13-THD)						
		2	213-7066	1	ROPS AS						
Y	7	2	243-5158	1	MOUNTING GP-RADIO						1137
	8	2	252-6949	1	BRACKET						
	9	2	254-5678	1	PLATE AS						
	10	2	254-5679	1	HARNESS AS-MONITOR (CAES)						
		2	190-7613	1	RECEPTACLE AS-CONNECTOR (12-PIN)						
		2	102-8801	1	KIT-RECEPTACLE (12-PIN)						
		2	102-8805	1	KIT-RECEPTACLE (6-PIN)						
		2	102-8806	1	KIT-RECEPTACLE (8-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		2	160-7689	1	PLUG AS-CONNECTOR (70-PIN)						
		2	155-2265	1	KIT-CONNECTING PLUG (8-PIN)						
		2	155-2274	1	KIT-CONNECTING PLUG (6-PIN)						
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
	11	2	254-5680	1	HARNESS AS-POWER						
		2	102-8802	1	KIT-RECEPTACLE (2-PIN)						
		2	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		2	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
		2	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
	12	1	254-5681	1	HARNESS AS-CONTROL (AUTO CARRY)						
		1	8T-8736	1	RECEPTACLE-CONNECTOR (9-PIN)						
		1	134-2540	2	RECEPTACLE AS (3-PIN)						
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2272	1	PLUG AS-CONNECTOR (4-PIN)						
		1	155-2255	2	KIT-CONNECTING PLUG (12-PIN)						
		1	174-0503	2	KIT-CONNECTING PLUG (3-PIN)						
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
	13	1	254-5682	1	HARNESS AS-CONTROL						
		1	167-8987	1	PLUG AS-CONNECTOR (8-PIN)						
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	14	2	261-7991	1	GROMMET						
	15	2	4P-7581	2	CLIP						
	16	1	4P-8134	1	CLIP						
	17	1,2	7K-1181	27	STRAP-CABLE						
	18	2	7X-0582	2	WASHER-HARD (20X44.5X6-MM THK)						

ELECTRICAL AND STARTING SYSTEM

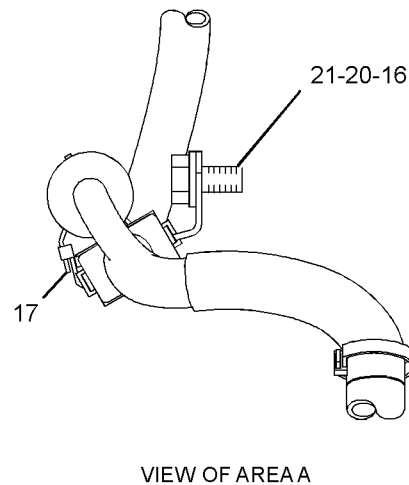
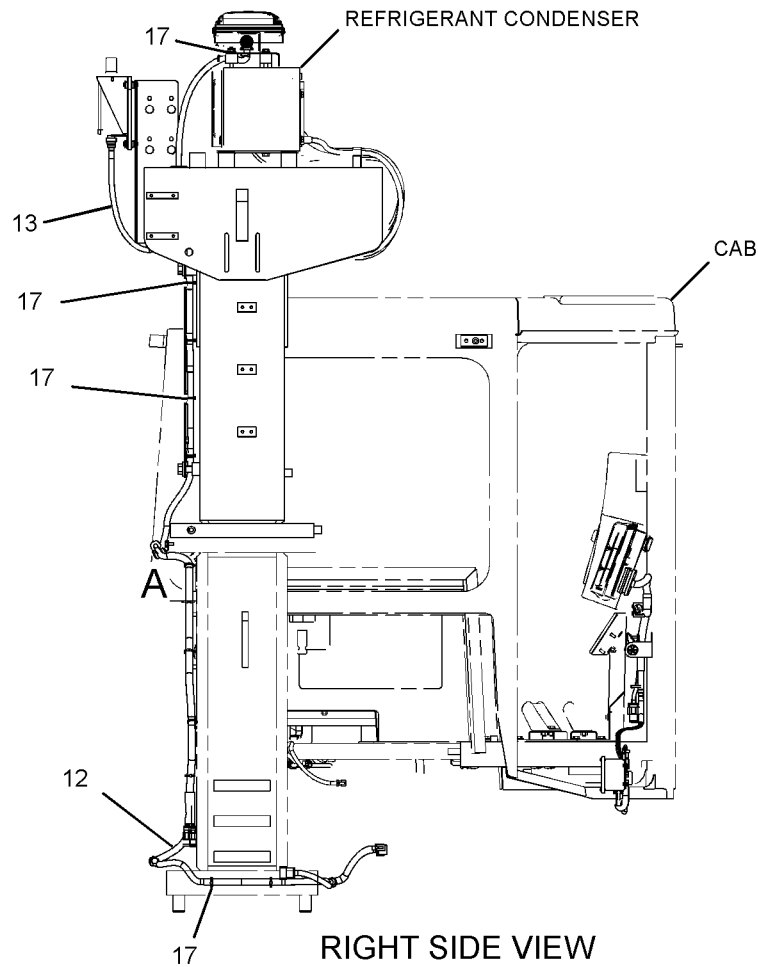
277-5253 INSTALLATION AR-CAES (contd.)

i02801391

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	19	2	8T-0328	4	WASHER-HARD (5.5X10X1-MM THK)						
	20	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						
M	21	1	8T-4137	1	BOLT (M10X1.5X20-MM)						
M	22	2	8T-4200	3	BOLT (M8X1.25X16-MM)						
	23	2	8T-4224	3	WASHER-HARD (8.8X16X2-MM THK)						
M	24	2	8T-7852	4	BOLT (M4X0.7X10-MM)						
	25	2	8T-9397	2	BOLT (3/4-10X1.25-IN)						
M	26	2	8T-4194	4	BOLT (M12X1.75X50-MM)						
	27	2	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)						
	28	2	261-4983	1	PLATE AS						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



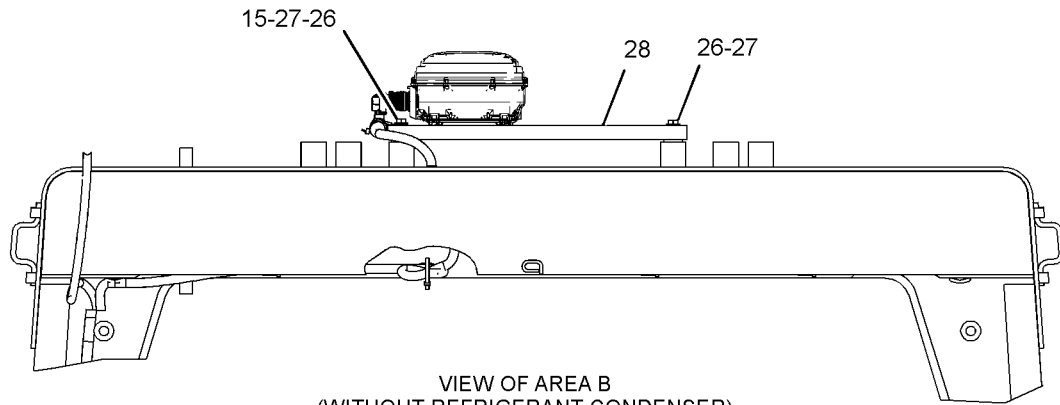
GRAPHIC #1

g01442024

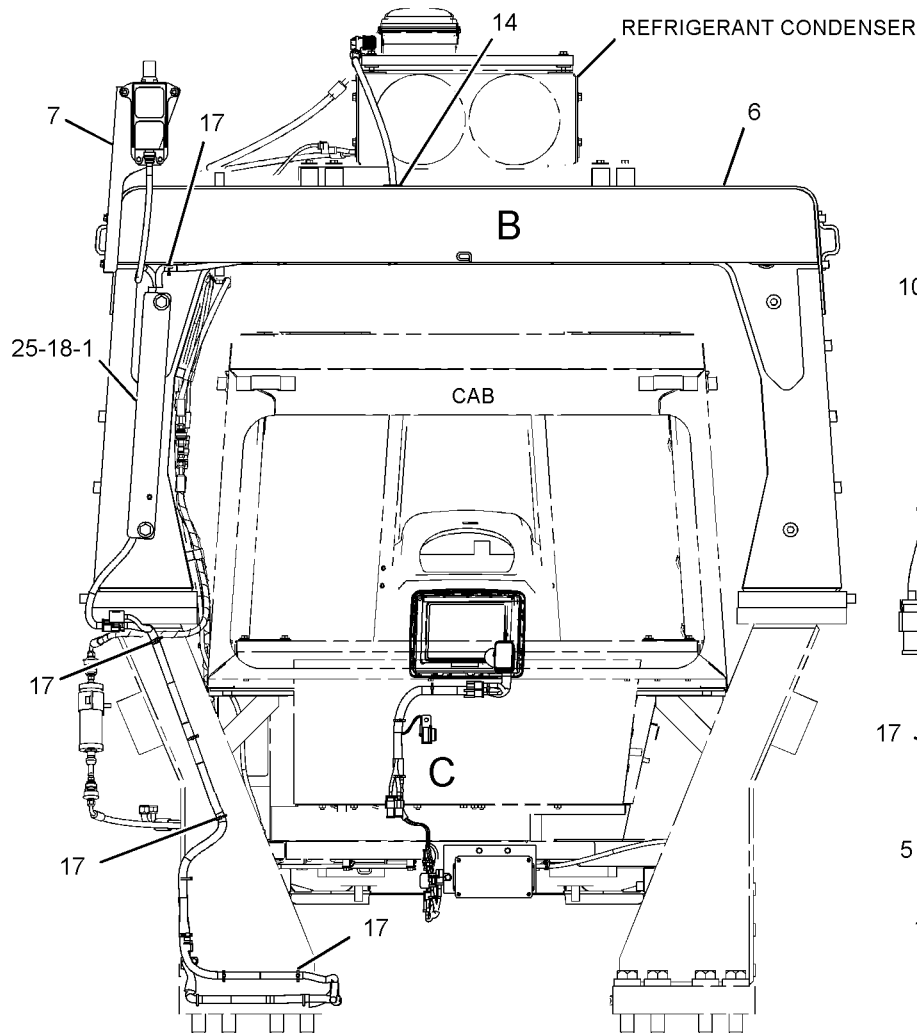
ELECTRICAL AND STARTING SYSTEM

277-5253 INSTALLATION AR-CAES (contd.)

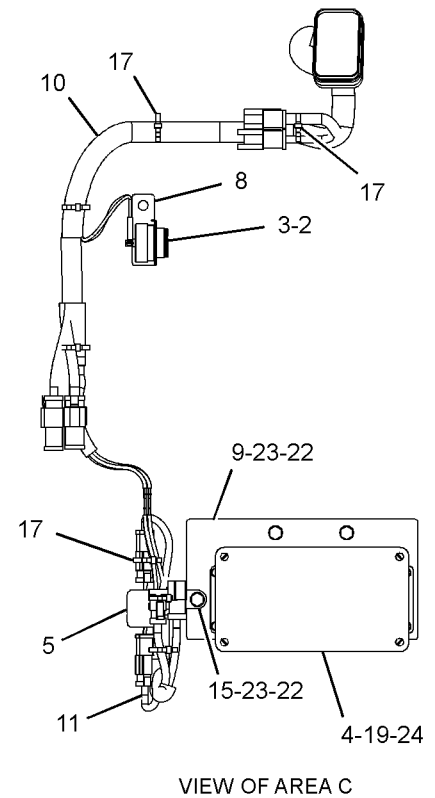
i02801391



VIEW OF AREA B
(WITHOUT REFRIGERANT CONDENSER)



REAR VIEW



VIEW OF AREA C

GRAPHIC #2

<END>

g01442025

ELECTRICAL AND STARTING SYSTEM

255-4206 INSTALLATION GP-COMMUNICATION- PRODUCT LINK 321SR

S/N: RJG1-UP
AN ATTACHMENT

SMCS-7606

i03121890

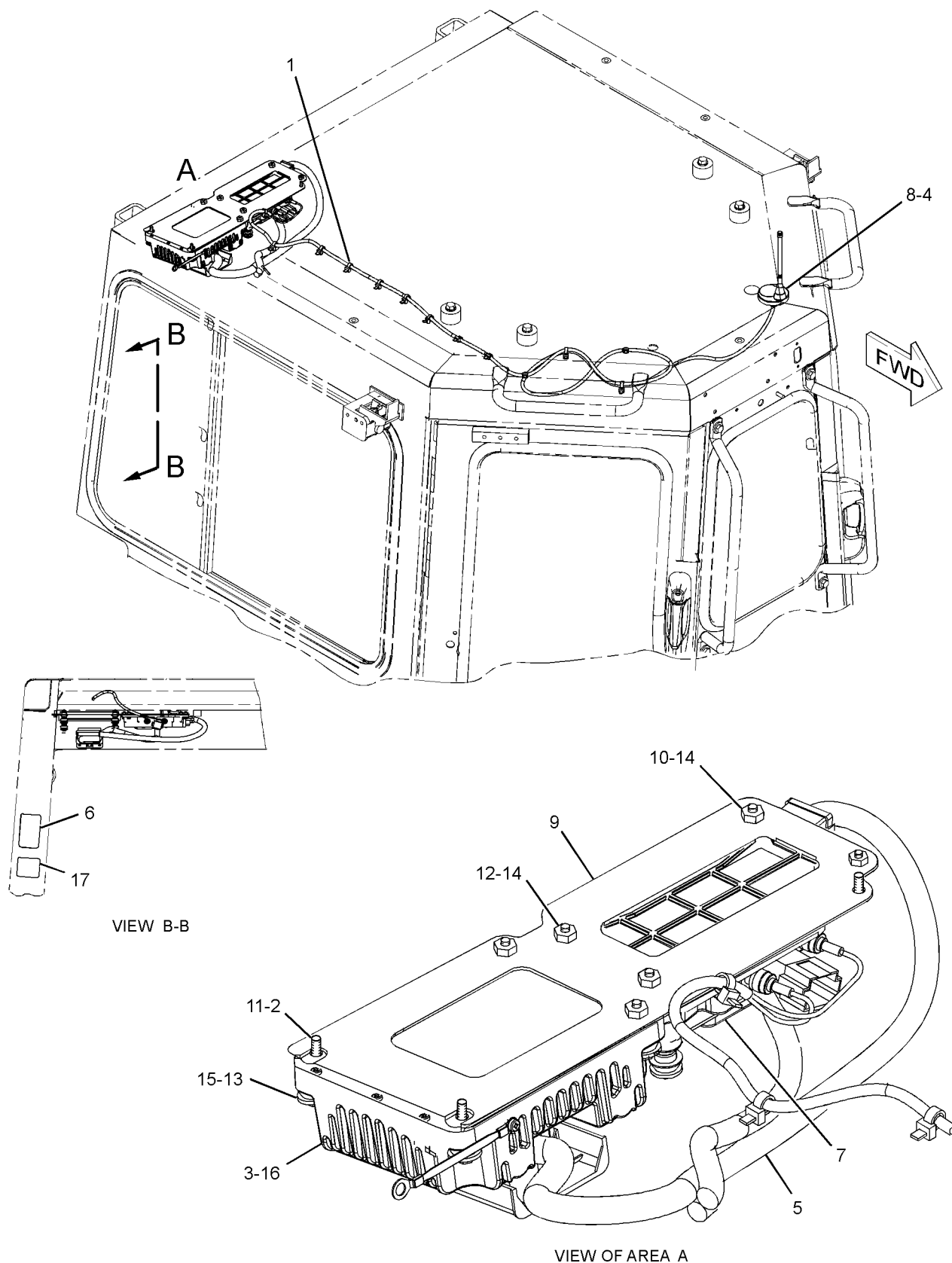
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
BC	1	1	7K-1181	13	STRAP-CABLE						
	2	1	8C-5608	4	SPACER (6.5X9.5X25.4-MM THK)						
Y	3	1	239-9954	1	CONTROL GP-UNPROGRAMMED (PRODUCT LINK 300)						379
C	4	1	314-6917	1	SPACER						
	5	1	324-6111	1	HARNESS AS-CONTROL						
	6	1	260-7652	1	FILM-WARNING (PRODUCT LINK 300, U.S.)						
CY	7	1	263-9088	1	RADIO GP-COMMUNICATION (PRODUCT LINK 121SR)						439
C	8	1	284-8532	1	ANTENNA AS						
		1	301-0589	1	ANTENNA (FLEXIBLE)						
C	9	1	277-6370	1	PLATE AS						
CM	10	1	5C-9553	2	BOLT (M6X1X16-MM)						
M	11	1	8C-8451	4	BOLT (M6X1X40-MM)						
CM	12	1	8T-4138	4	BOLT (M6X1X20-MM)						
	13	1	9X-6165	8	WASHER (6.5X22X2.5-MM THK)						
C	14	1	9X-8256	6	WASHER (6.6X12X2-MM THK)						
	15	1	9X-9896	8	MOUNT (ISOLATION)						
Y	16	1	262-2043	1	ELECTRONICS GP-COMMUNICATION (PRODUCT LINK 300)						382
	17	1	307-0047	1	FILM-INFORMATION (PRODUCT LINK, READ OMM)						

B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
M-METRIC PART
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

255-4206 INSTALLATION GP-COMMUNICATION (contd.)

i03121890



GRAPHIC #1

<END>

g01423447

ELECTRICAL AND STARTING SYSTEM

147-0319 LAMP GP-FLOOD

S/N: RJG1-UP; 4PP1-UP; BRT1-UP; BEY1-UP

24-VOLT, 65-WATT

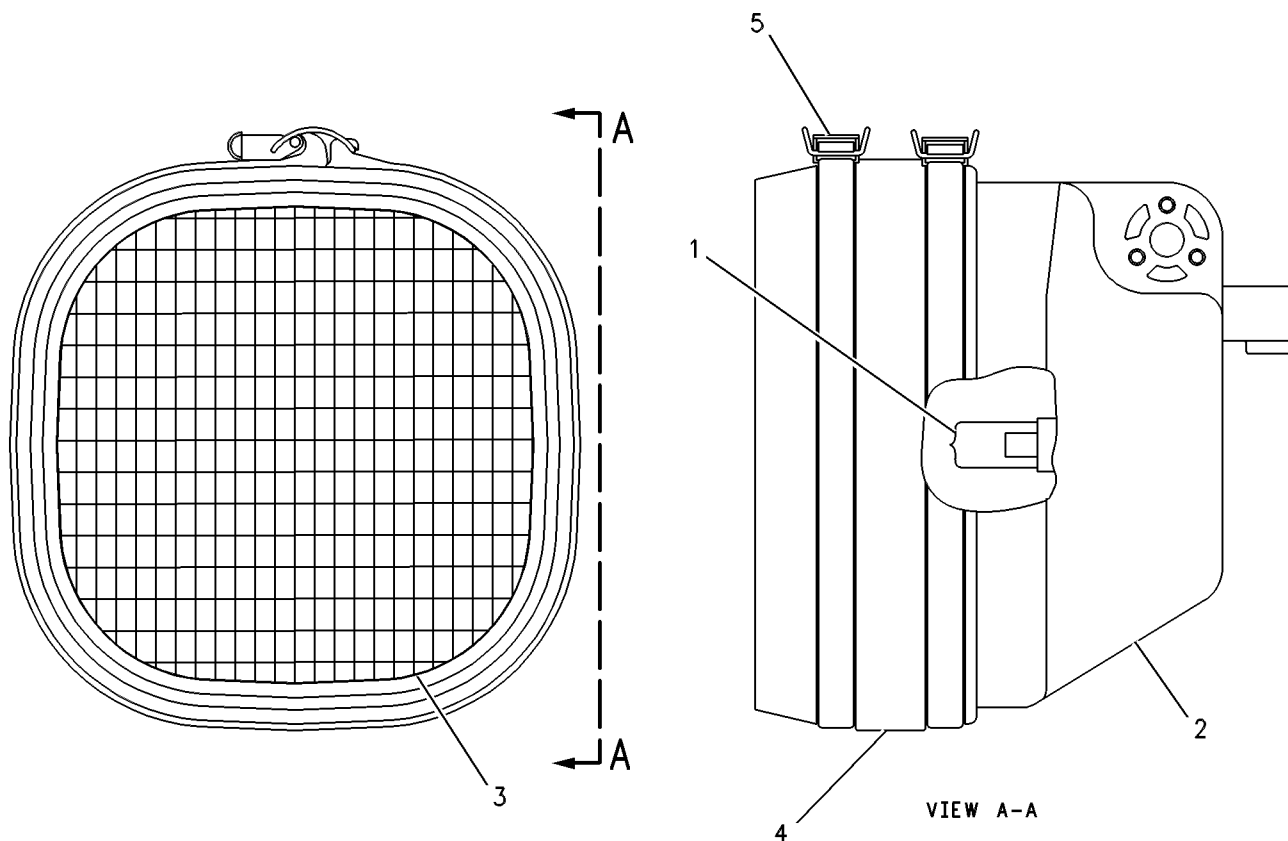
PART OF 125-2001, 231-3071 LIGHTING GP-FLOOD

AN ATTACHMENT

SMCS-1434

i03467642

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-3463	1	LAMP-HALOGEN (24-VOLT, 65-WATT)						
	2	1	158-0250	1	BODY AS-LAMP						
	3	1	336-7235	1	LENS AS (FLOODLIGHT)						
	4	1	158-0252	1	BEZEL						
	5	1	188-8849	2	CLAMP						



GRAPHIC #1

<END>

g00458549

ELECTRICAL AND STARTING SYSTEM

153-2073 LAMP GP-FLOOD

S/N: RJG1-UP

24-VOLT, 65-WATT

PART OF 224-5140, 231-3069, 231-3070, 231-3071, 231-3072, 247-4927, 276-1365

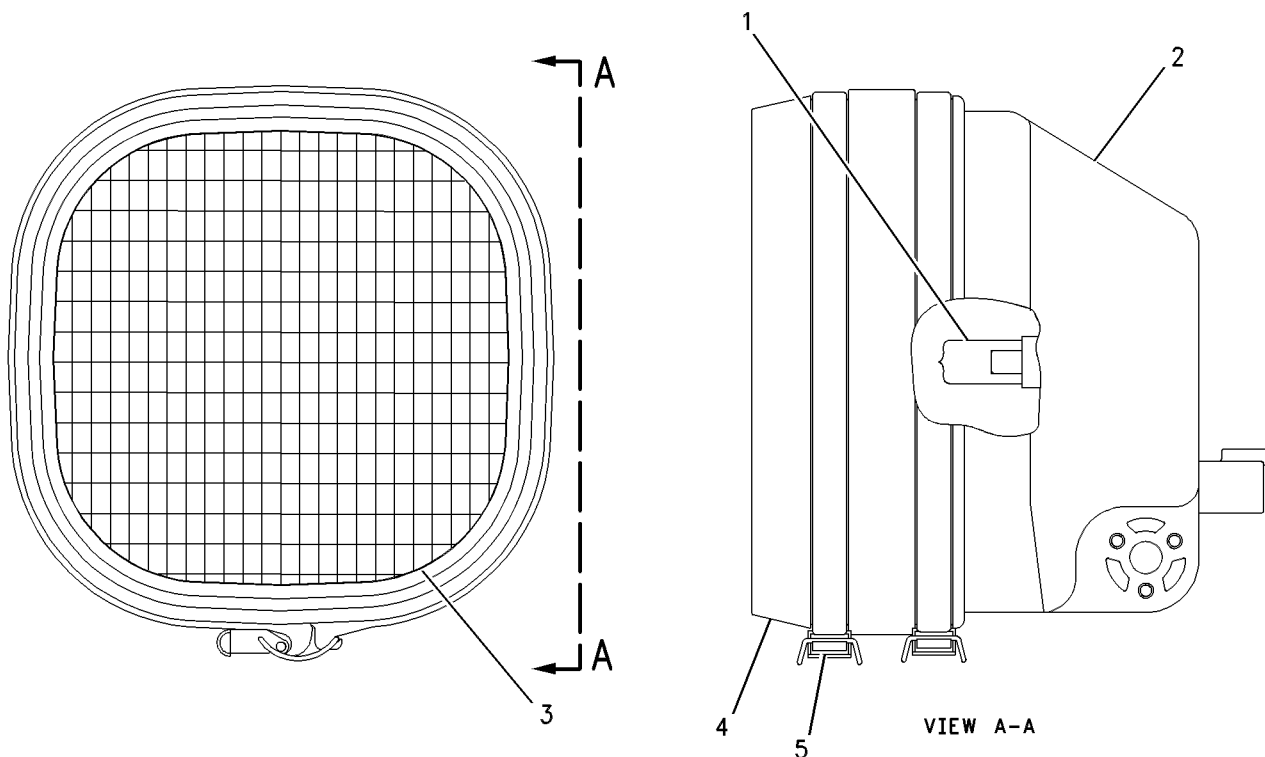
LIGHTING GP-FLOOD

ALSO AN ATTACHMENT

SMCS-1434

i03467660

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-3463	1	LAMP-HALOGEN (24-VOLT, 65-WATT)						
	2	1	158-0250	1	BODY AS-LAMP						
	3	1	336-7235	1	LENS AS (FLOODLIGHT)						
	4	1	158-0252	1	BEZEL						
	5	1	188-8849	2	CLAMP						



GRAPHIC #1

<END>

g00449633

ELECTRICAL AND STARTING SYSTEM

219-6485 LAMP GP-FLOOD

S/N: RJG1-UP

24-VOLT

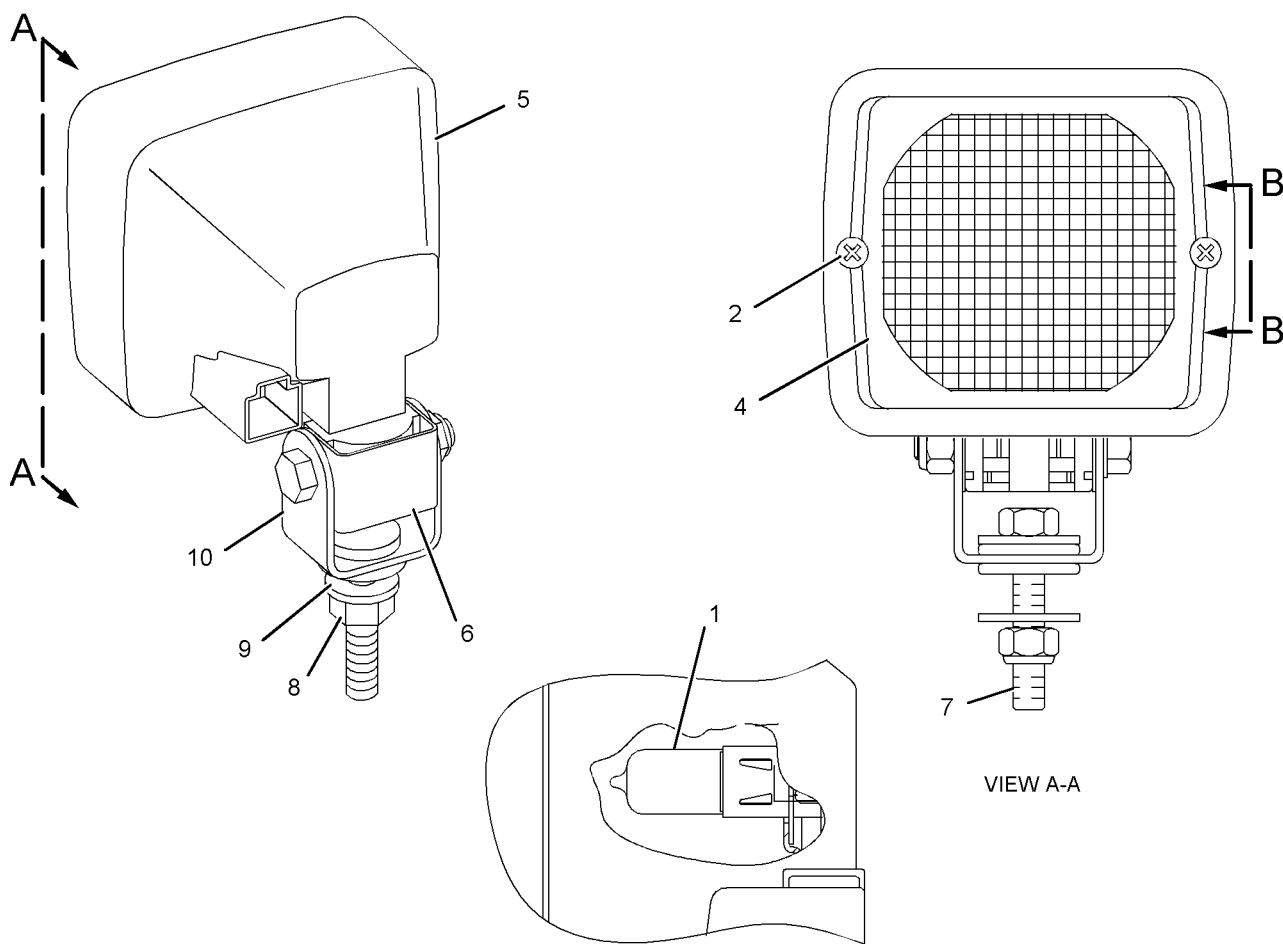
PART OF 213-7003 BATTERY & WIRING GP, 290-2732 CONVERSION AR-MACHINE
ALSO AN ATTACHMENT

SMCS-1434

i02890506

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-3463	1	LAMP-HALOGEN (24-VOLT, 65-WATT)						
	2	1	9X-4244	2	SCREW-SPECIAL						
	4	1	202-6614	1	LENS AS (FLOODLIGHT)						
	5	1	175-4292	1	BODY AS						
	6	1	164-7556	1	BRACKET (LAMP RETAINING)						
	7	1	247-4285	1	BOLT (M8X1.25X50-MM)						
M	8	1	6V-9189	1	LOCKNUT (M8X1.25-THD)						
	9	1	8T-4224	2	WASHER-HARD (8.8X16X2-MM THK)						
	10	1	175-4291	1	BRACKET AS						

M-METRIC PART



GRAPHIC #1

<END>

g01146647

ELECTRICAL AND STARTING SYSTEM

247-0293 LAMP GP-FLOOD-HID

S/N: RJG1-UP

24-VOLT, 70-WATT

PART OF 231-3072, 276-1365 LIGHTING GP-FLOOD

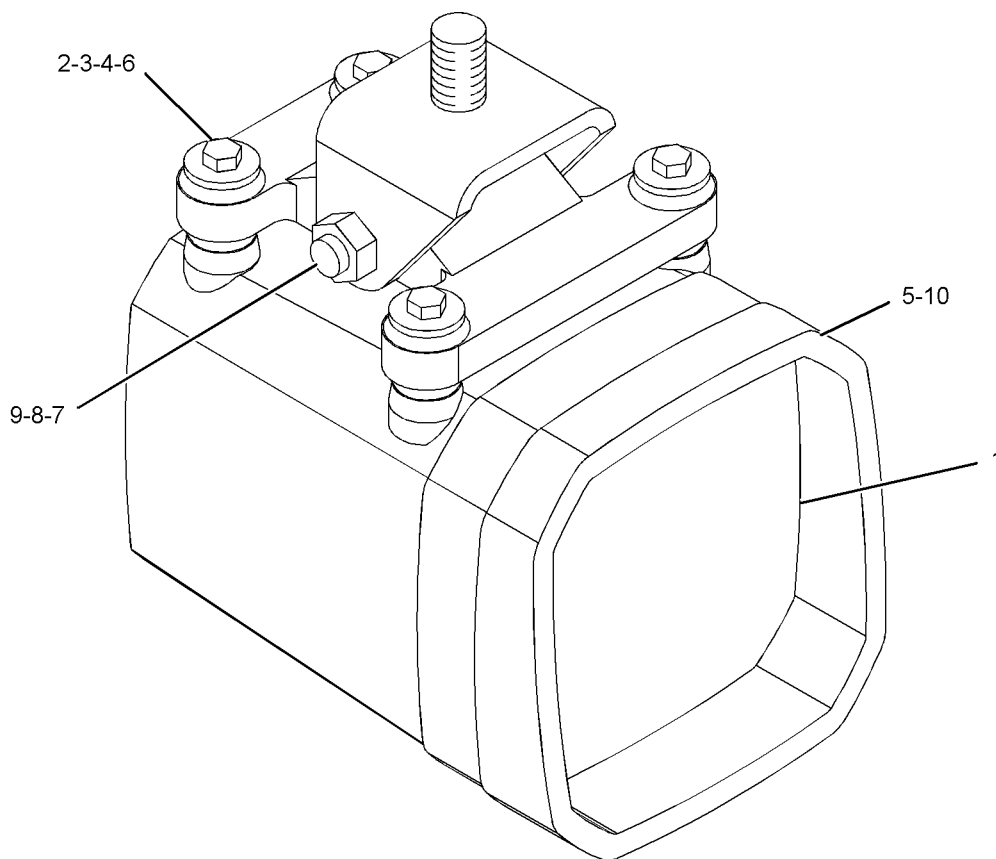
AN ATTACHMENT

SMCS-1434

i03536000

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

g01052218

ELECTRICAL AND STARTING SYSTEM

247-0294 LAMP GP-FLOOD-HID

S/N: RJG1-UP

24-VOLT, 70-WATT

PART OF 231-3072, 276-1365 LIGHTING GP-FLOOD

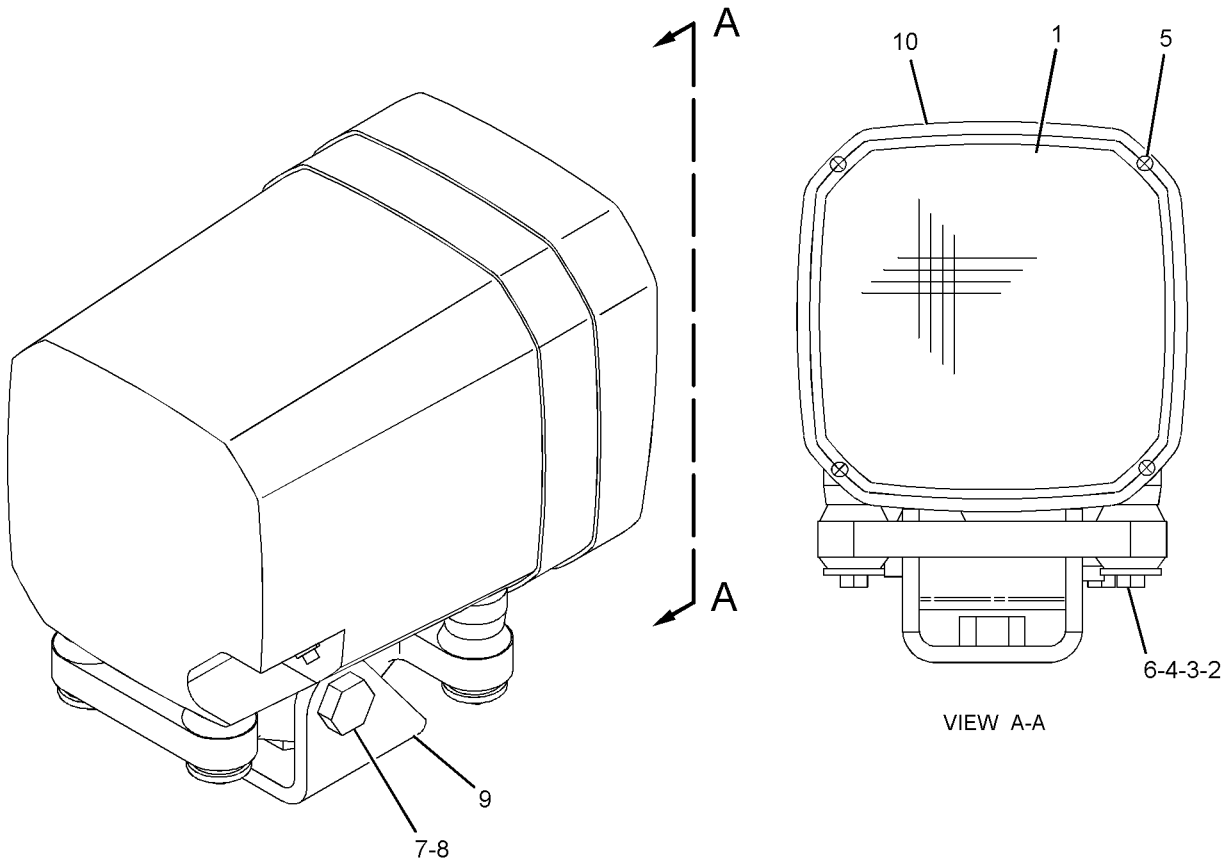
AN ATTACHMENT

SMCS-1434

i02047506

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	213-4998	1	LAMP AS-FLOOD						
	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

ELECTRICAL AND STARTING SYSTEM

277-0467 LAMP GP-FLOOD-HID

S/N: RJG1-UP

24-VOLT, 35-WATT

PART OF 231-3072, 276-1365 LIGHTING GP-FLOOD

AN ATTACHMENT

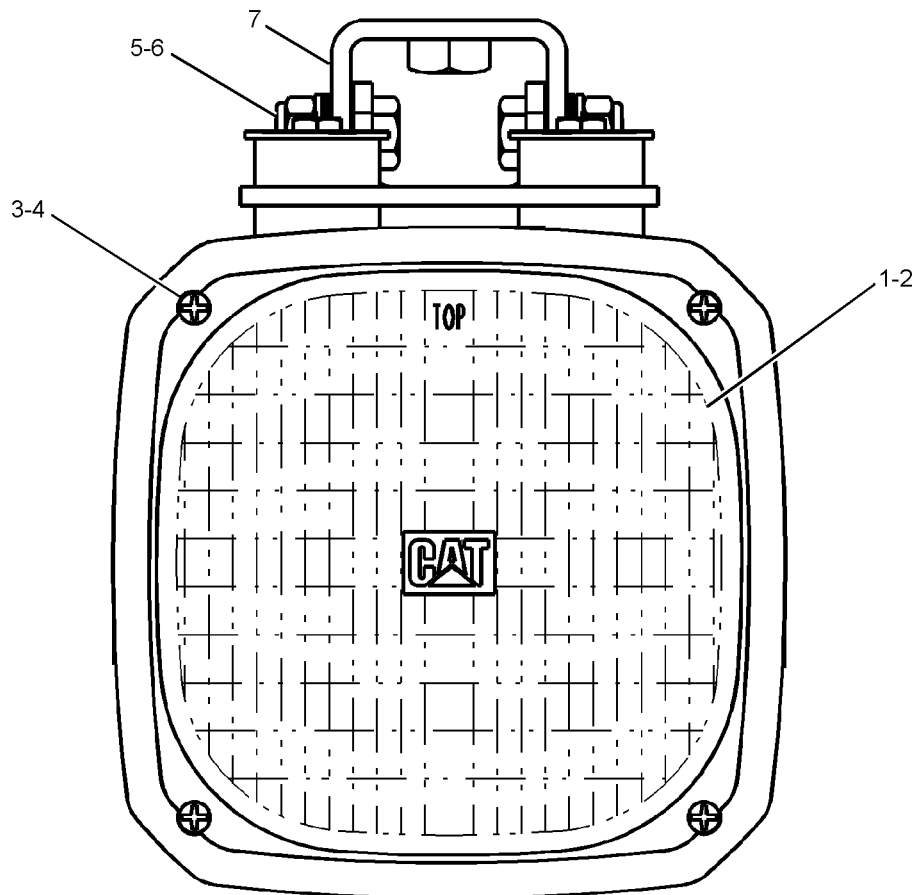
TYPE 1

SMCS-1434

i03536001

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	277-3082	1	LENS AS						
	2	1	209-6638	1	LAMP-HALOGEN (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-4189	2	BOLT (M8X1.25X20-MM)						
M	6	1	6V-9189	2	LOCKNUT (M8X1.25-THD)						
	7	1	229-9972	1	BRACKET AS						

M-METRIC PART



GRAPHIC #1

<END>

g01235849

ELECTRICAL AND STARTING SYSTEM

277-0467 LAMP GP-FLOOD-HID

S/N: RJG1-UP

24-VOLT, 35-WATT

PART OF 231-3072, 276-1365 LIGHTING GP-FLOOD

AN ATTACHMENT

TYPE 2

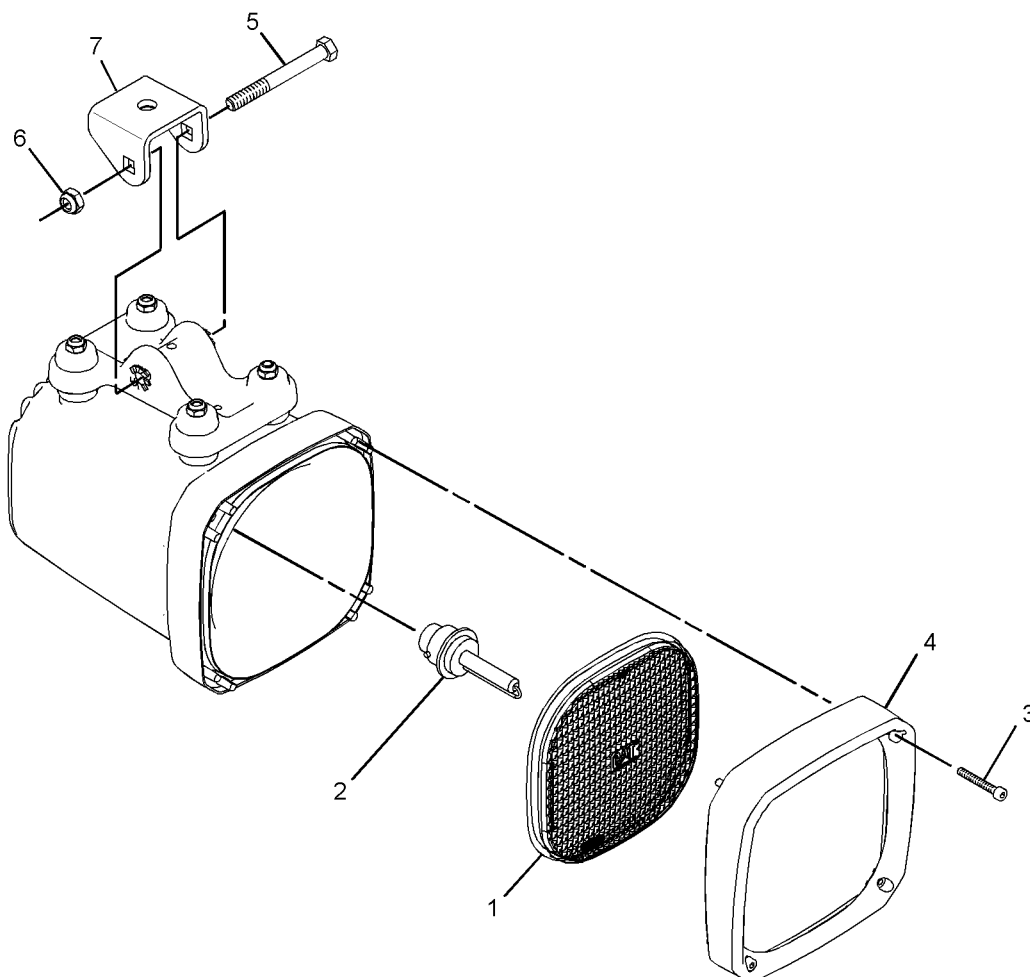
SMCS-1434

i03495040

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	277-3082	1	LENS AS						
	2	1	209-6638	1	LAMP-HALOGEN (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)						
C	7	1	296-7759	1	BRACKET AS						

C-CHANGE FROM PREVIOUS TYPE

M-METRIC PART



GRAPHIC #1

<END>

g01354860

ELECTRICAL AND STARTING SYSTEM

277-0468 LAMP GP-FLOOD-HID

S/N: RJG1-UP

24-VOLT, 35-WATT

PART OF 276-1365 LIGHTING GP-FLOOD

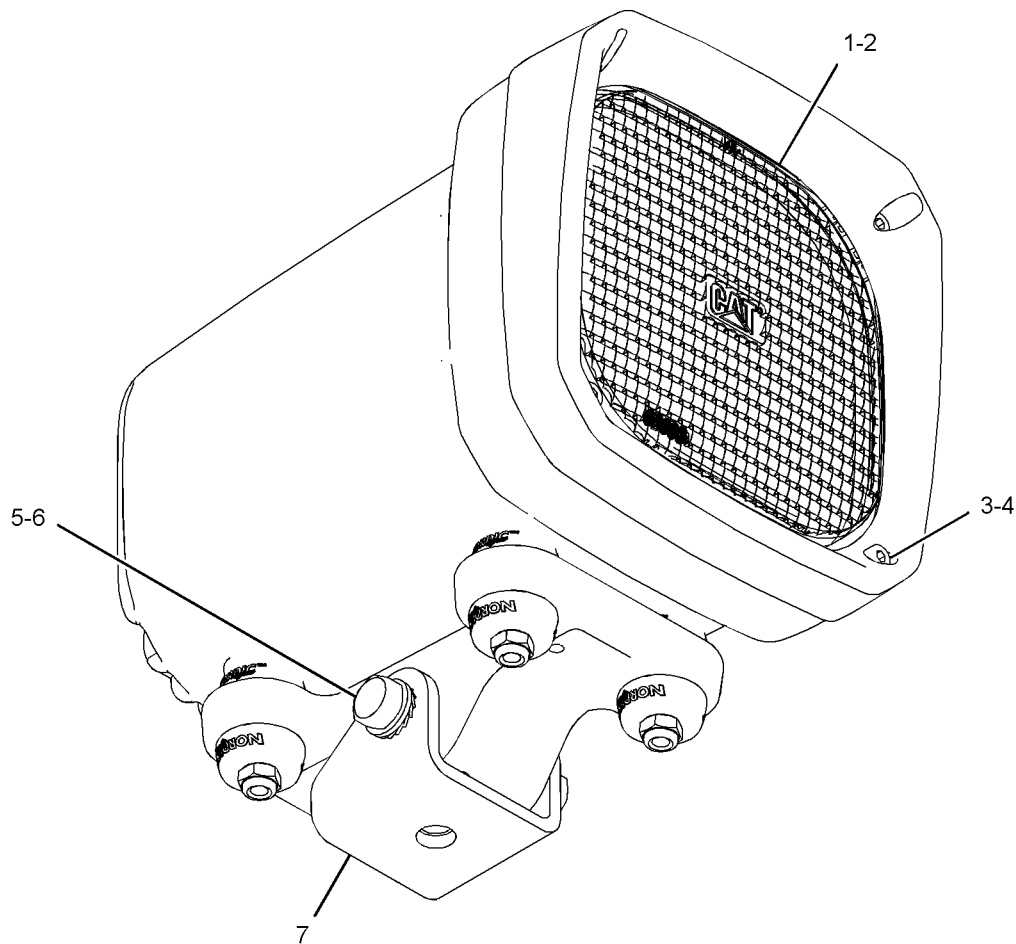
AN ATTACHMENT

SMCS-1434

i02651173

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	277-3082	1	LENS AS						
	2	1	209-6638	1	LAMP-HALOGEN (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

ELECTRICAL AND STARTING SYSTEM

157-0305 LAMP GP-HEAD

S/N: RJG1-UP

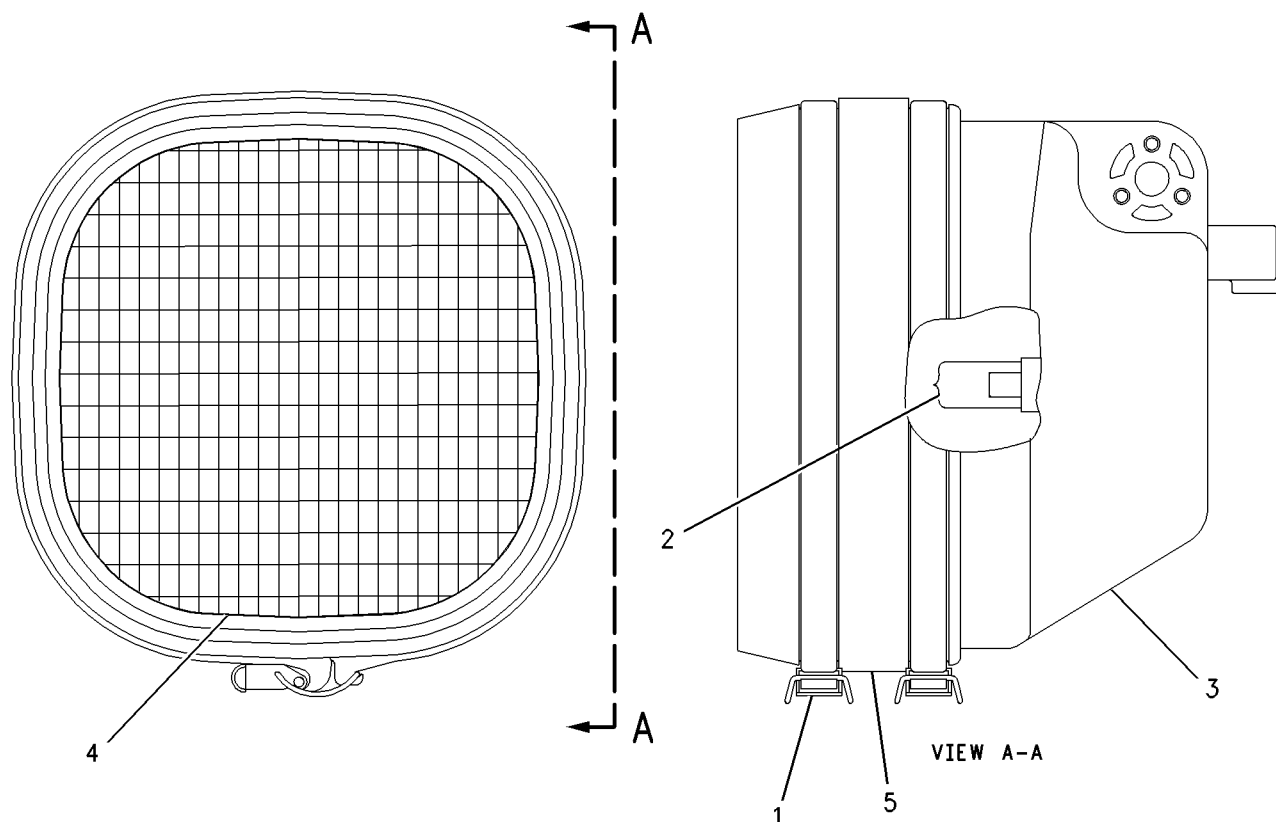
24-VOLT

PART OF 224-5140 LIGHTING GP-FL00D
AN ATTACHMENT

SMCS-1429

i02237572

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	188-8849	2	CLAMP						
	2	1	9X-3463	1	LAMP-HALOGEN (24-VOLT, 65-WATT)						
	3	1	158-0250	1	BODY AS-LAMP						
	4	1	158-0249	1	LENS AS (HEADLIGHT, HIGH BEAM)						
	5	1	158-0252	1	BEZEL						



GRAPHIC #1

<END>

g00725230

ELECTRICAL AND STARTING SYSTEM

125-2001 LIGHTING GP-FLOOD

S/N: RJG1-UP; 4PP1-UP; BRT1-UP; BEY1-UP

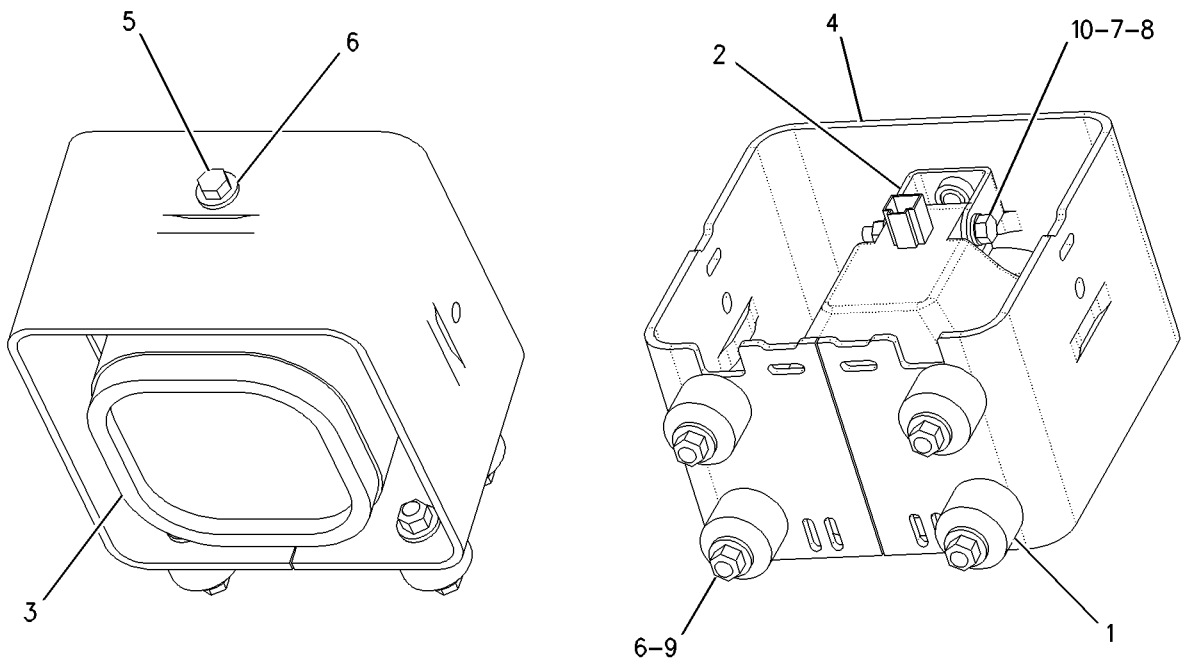
PART OF 224-5140, 231-3069, 231-3070, 231-3072 LIGHTING GP-FLOOD, 217-7739
LIGHTING GP-RIPPER
AN ATTACHMENT

SMCS-1434

i01714235

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9W-4361	4	MOUNT-FLEXIBLE						
	2	1	111-8314	1	BRACKET AS						
		1	1F-0750	1	NUT-WELD (3/8-16-THD)						
Y	3	1	147-0319	1	LAMP GP-FLOOD (24-VOLT, 65-WATT)						400
	4	1	167-1884	1	GUARD						
	5	1	5M-3062	1	BOLT (3/8-16X0.75-IN)						
	6	1	5P-1075	9	WASHER-HARD (10.2X22.5X3-MM THK)						
	7	1	5P-2955	1	BOLT (5/16-18X2.5-IN)						
	8	1	6V-8189	1	NUT (5/16-18-THD)						
	9	1	6V-8801	8	NUT (3/8-16-THD)						
	10	1	8T-4224	2	WASHER-HARD (8.8X16X2-MM THK)						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00887298

ELECTRICAL AND STARTING SYSTEM

224-5140 LIGHTING GP-FLOOD-ROPS, FENDER, CYLINDER

S/N: RJG1-UP

FOR USE WITH CYLINDERS. CANNOT BE USED WITH 231-3069-PAGE 412,
231-3070-PAGE 414, 231-3071-PAGE 416, 231-3072-PAGE 420
AN ATTACHMENT

SMCS-1434

i03467824

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1Q-1592	1	PLATE AS						
	2	1	7K-1181	47	STRAP-CABLE						
	3	1	8E-3241	4	BRACKET AS						
					(EACH INCLUDES)						
		1	1F-0750	1	NUT-WELD (3/8-16-THD)						
	4	1	9W-4361	8	MOUNT-FLEXIBLE						
	5	1	111-8314	8	BRACKET AS						
	6	1	114-9363	2	GUARD AS						
	7	1	114-9365	2	PLATE						
Y	8	1	125-2001	2	LIGHTING GP-FLOOD (CYLINDER)						409
Y	9	1	153-2073	4	LAMP GP-FLOOD (24-VOLT) (FENDER LIGHTS)						401
Y	10	1	157-0305	4	LAMP GP-HEAD (24-VOLT, HIGH BEAM) (ROPS MOUNTED)						408
	11	1	230-7732	2	MOUNT (TIE WRAP)						
	12	1	246-5625	1	SWITCH AS-ROCKER (FRONT FLOODLIGHTS)						
	13	1	246-5626	1	SWITCH AS-ROCKER (REAR FLOODLIGHTS)						
	14	1	247-0495	1	HARNESS AS-LIGHTING (REAR FLOODLIGHT)						
		1	102-8802	5	KIT-RECEPTACLE (2-PIN)						
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2270	6	KIT-CONNECTING PLUG (2-PIN)						
					(EACH INCLUDES PLUG AS & WEDGE)						
	15	1	334-8617	2	HARNESS AS-LIGHTING (FRONT FLOODLIGHTS)						
	16	1	3P-2404	2	CLIP						
	17	1	4L-6454	8	BOLT (3/8-16X1-IN)						
	18	1	4L-6459	2	BOLT (3/8-16X2.5-IN)						
	19	1	5D-7635	2	GROMMET						
	20	1	5M-3062	8	BOLT (3/8-16X0.75-IN)						
	21	1	5P-1075	36	WASHER-HARD (10.2X22.5X3-MM THK)						
	22	1	5P-2228	6	BOLT (1/2-13X1-IN)						
	23	1	5P-2955	8	BOLT (5/16-18X2.5-IN)						
	24	1	5P-8522	2	GROMMET						
	25	1	6V-8189	8	NUT (5/16-18-THD)						
	26	1	6V-8801	16	NUT (3/8-16-THD)						
	27	1	7X-0582	2	WASHER-HARD (20X44.5X6-MM THK)						
	28	1	8T-2502	2	BOLT (3/8-16X1.125-IN)						
	29	1	8T-4223	7	WASHER-HARD (13.5X25.5X3-MM THK)						
	30	1	8T-4224	16	WASHER-HARD (8.8X16X2-MM THK)						
	31	1	8T-9397	2	BOLT (3/4-10X1.25-IN)						
	32	1	4P-7428	1	CLIP						
	33	1	8D-9947	2	CLIP						
M	34	1	8T-4179	1	BOLT (M12X1.75X20-MM)						

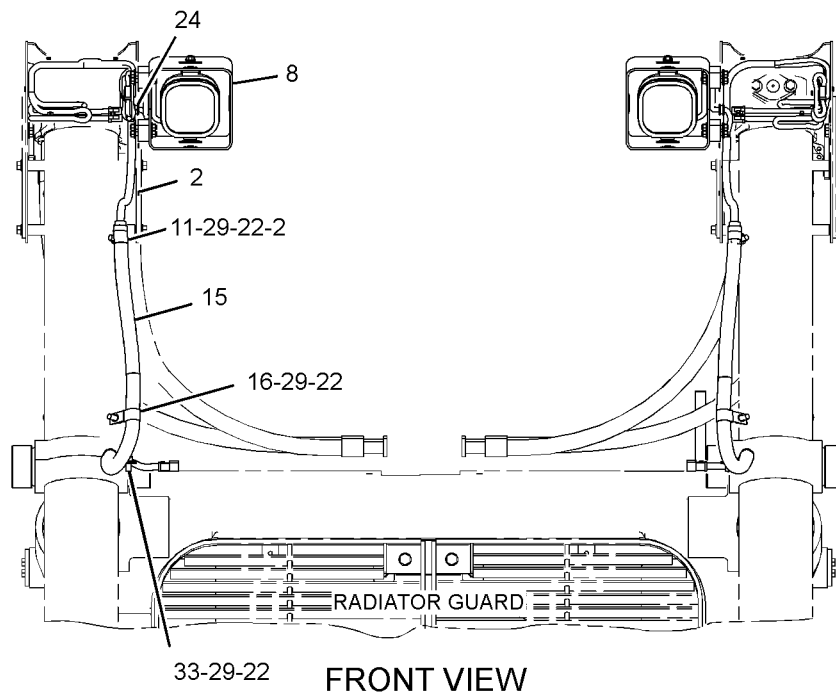
M-METRIC PART

Y-SEPARATE ILLUSTRATION

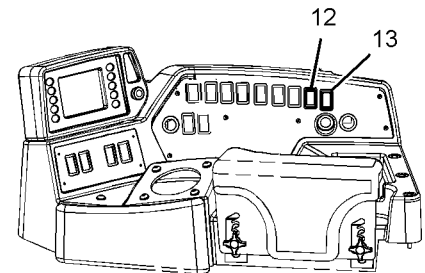
ELECTRICAL AND STARTING SYSTEM

224-5140 LIGHTING GP-FLOOD (contd.)

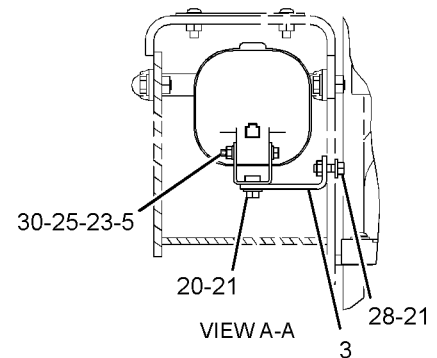
i03467824



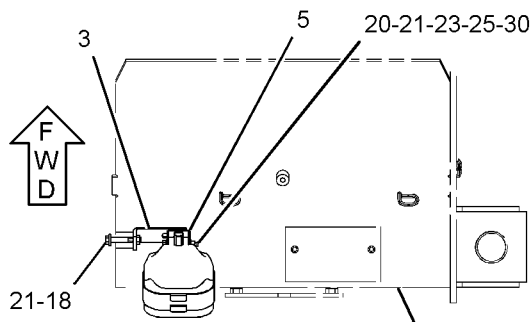
FRONT VIEW



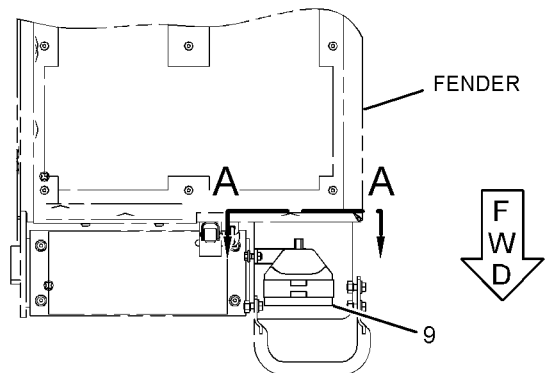
(VIEW OF RH CONSOLE)



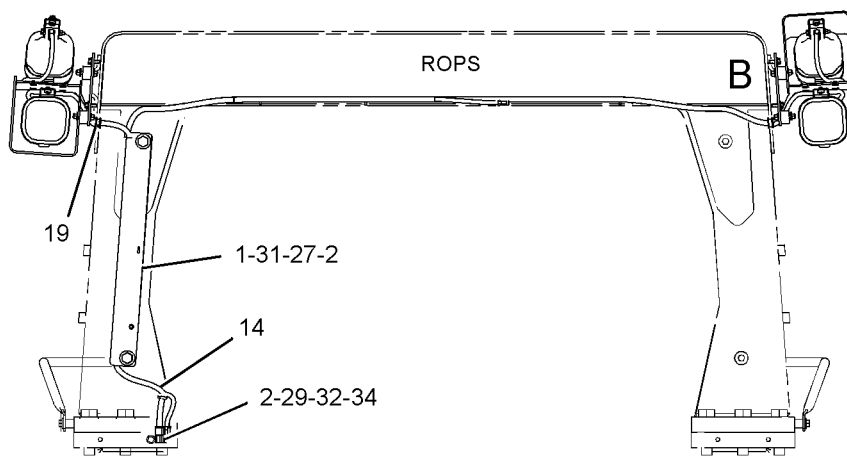
VIEW A-A



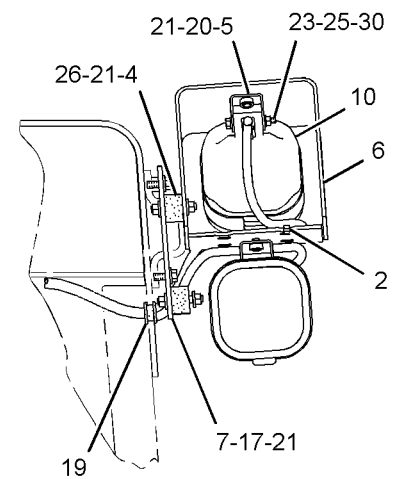
TOP VIEW



TOP VIEW



REAR VIEW



VIEW OF AREA B

GRAPHIC #1

<END>

g01814655

ELECTRICAL AND STARTING SYSTEM

231-3069 LIGHTING GP-FLOOD-FENDER, LIFT CYLINDER

S/N: RJG1-UP

FOR USE WITH CYLINDERS. CANNOT BE USED WITH 224-5140-PAGE 410,
231-3070-PAGE 414, 231-3071-PAGE 416, 231-3072-PAGE 420
AN ATTACHMENT

SMCS-1434

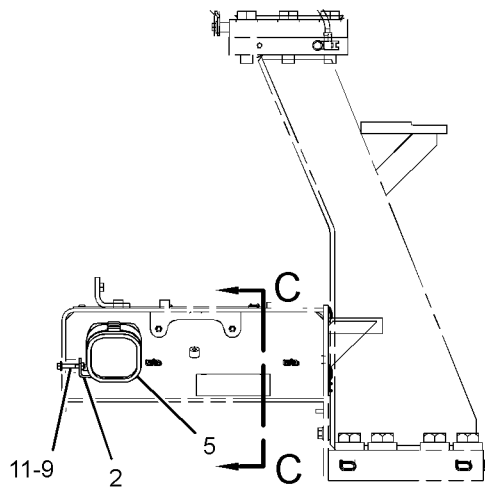
i03536020

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	7K-1181	30	STRAP-CABLE	
	2	1	8E-3241	4	BRACKET AS	
					(EACH INCLUDES)	
		1	1F-0750	1	NUT-WELD (3/8-16-THD)	
	3	1	111-8314	4	BRACKET AS	
Y	4	1	125-2001	2	LIGHTING GP-FLOOD (CYLINDER MOUNTED)	409
Y	5	1	153-2073	4	LAMP GP-FLOOD (24-VOLT) (FENDER)	401
	6	1	230-7732	2	MOUNT (TIE WRAP)	
	7	1	334-8617	2	HARNESS AS-LIGHTING (FRONT FLOODLIGHTS)	
	8	1	3P-2404	2	CLIP	
	9	1	4L-6459	2	BOLT (3/8-16X2.5-IN)	
	10	1	5M-3062	4	BOLT (3/8-16X0.75-IN)	
	11	1	5P-1075	8	WASHER-HARD (10.2X22.5X3-MM THK)	
	12	1	5P-2228	6	BOLT (1/2-13X1-IN)	
	13	1	5P-2955	4	BOLT (5/16-18X2.5-IN)	
	14	1	5P-8522	2	GROMMET	
	15	1	6V-8189	4	NUT (5/16-18-THD)	
	16	1	8T-2502	2	BOLT (3/8-16X1.125-IN)	
	17	1	8T-4223	6	WASHER-HARD (13.5X25.5X3-MM THK)	
	18	1	8T-4224	8	WASHER-HARD (8.8X16X2-MM THK)	
	19	1	8D-9947	2	CLIP	
Y-SEPARATE ILLUSTRATION						

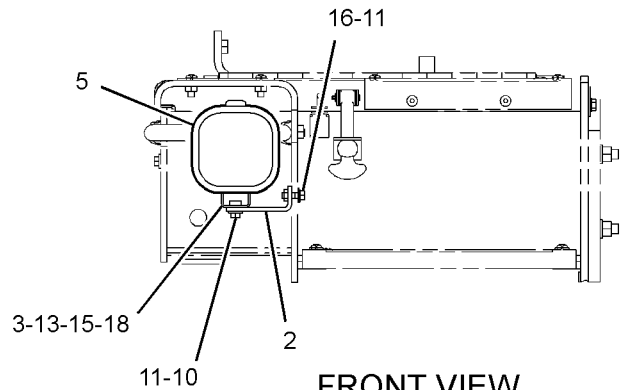
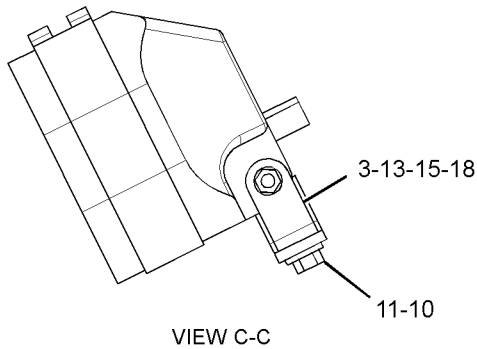
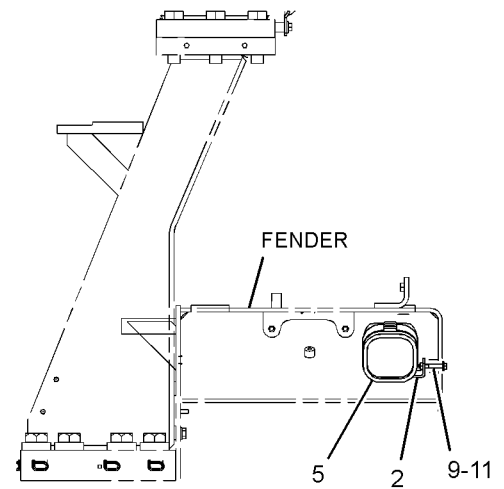
ELECTRICAL AND STARTING SYSTEM

231-3069 LIGHTING GP-FLOOD (contd.)

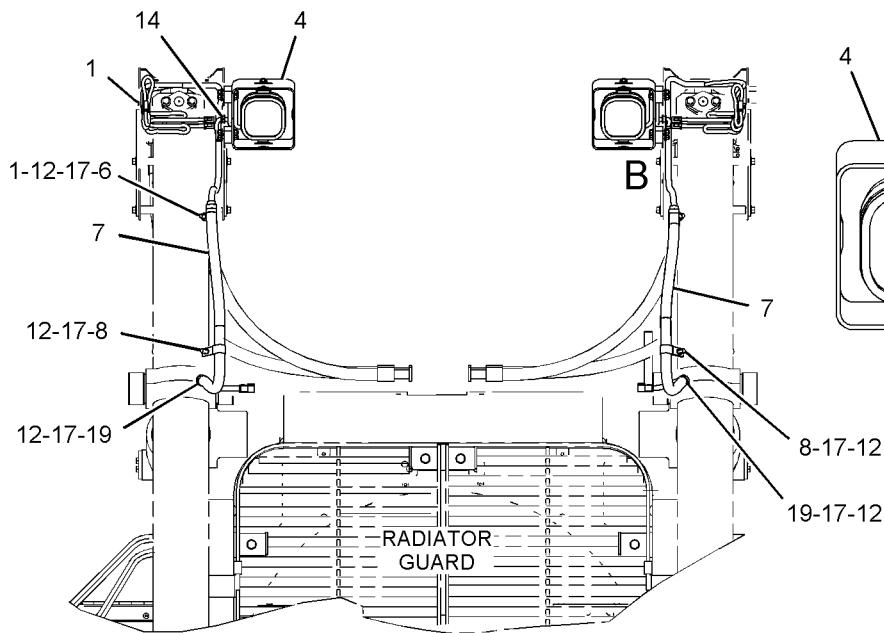
i03536020



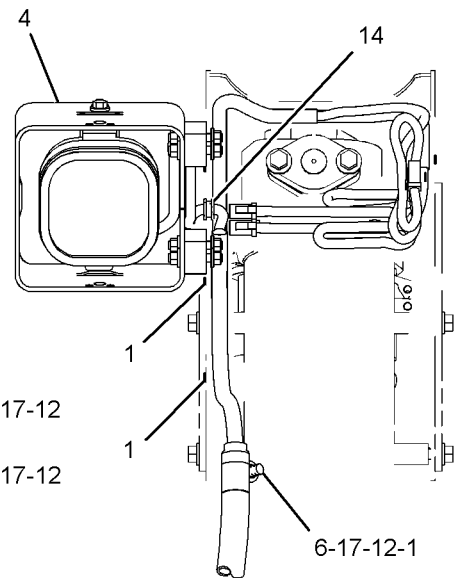
REAR VIEW



FRONT VIEW
(FENDER LIGHT)



FRONT VIEW



VIEW OF AREA B

GRAPHIC #1

<END>

g01814517

ELECTRICAL AND STARTING SYSTEM

231-3070 LIGHTING GP-FLOOD-ROPS, FENDER, CYLINDER

S/N: RJG1-UP

MINING

FOR USE WITH CYLINDERS. CANNOT BE USED WITH 224-5140-PAGE 410,

231-3071-PAGE 416, 231-3072-PAGE 420, 231-3069-PAGE 412

AN ATTACHMENT

SMCS-1434

i03538502

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1Q-1592	1	PLATE AS						
		1	7T-1099	4	LINK						
	2	1	7K-1181	47	STRAP-CABLE						
	3	1	8E-3241	4	BRACKET AS						
					(EACH INCLUDES)						
		1	1F-0750	1	NUT-WELD (3/8-16-THD)						
	4	1	111-8314	4	BRACKET AS						
	5	1	114-9365	2	PLATE						
Y	6	1	125-2001	6	LIGHTING GP-FLOOD (ROPS, CYLINDER MOUNTED)						409
Y	7	1	153-2073	4	LAMP GP-FLOOD (24-VOLT) (FENDER LIGHTS)						401
	8	1	230-7732	2	MOUNT (TIE WRAP)						
	9	1	246-5626	1	SWITCH AS-ROCKER (ROPS FLOOD, REAR)						
	10	1	247-0495	1	HARNESS AS-LIGHTING (REAR FLOODLIGHT)						
		1	102-8802	5	KIT-RECEPTACLE (2-PIN)						
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(EACH INCLUDES RECEPTACLE AS,WEDGE)						
		1	155-2270	6	KIT-CONNECTING PLUG (2-PIN)						
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
	11	1	334-8617	2	HARNESS AS-LIGHTING (FRONT FLOODLIGHTS)						
	12	1	3P-2404	2	CLIP						
	13	1	4L-6454	8	BOLT (3/8-16X1-IN)						
	14	1	4L-6459	2	BOLT (3/8-16X2.5-IN)						
	15	1	4P-7428	1	CLIP						
	16	1	5D-7635	2	GROMMET						
	17	1	5M-3062	4	BOLT (3/8-16X0.75-IN)						
	18	1	5P-1075	16	WASHER-HARD (10.2X22.5X3-MM THK)						
	19	1	5P-2228	6	BOLT (1/2-13X1-IN)						
	20	1	5P-2955	4	BOLT (5/16-18X2.5-IN)						
	21	1	5P-8522	4	GROMMET						
	22	1	6V-8189	4	NUT (5/16-18-THD)						
	23	1	7X-0582	2	WASHER-HARD (20X44.5X6-MM THK)						
	24	1	8T-2502	2	BOLT (3/8-16X1.125-IN)						
M	25	1	8T-4179	1	BOLT (M12X1.75X20-MM)						
	26	1	8T-4223	7	WASHER-HARD (13.5X25.5X3-MM THK)						
	27	1	8T-4224	8	WASHER-HARD (8.8X16X2-MM THK)						
	28	1	8T-9397	2	BOLT (3/4-10X1.25-IN)						
	29	1	8D-9947	2	CLIP						

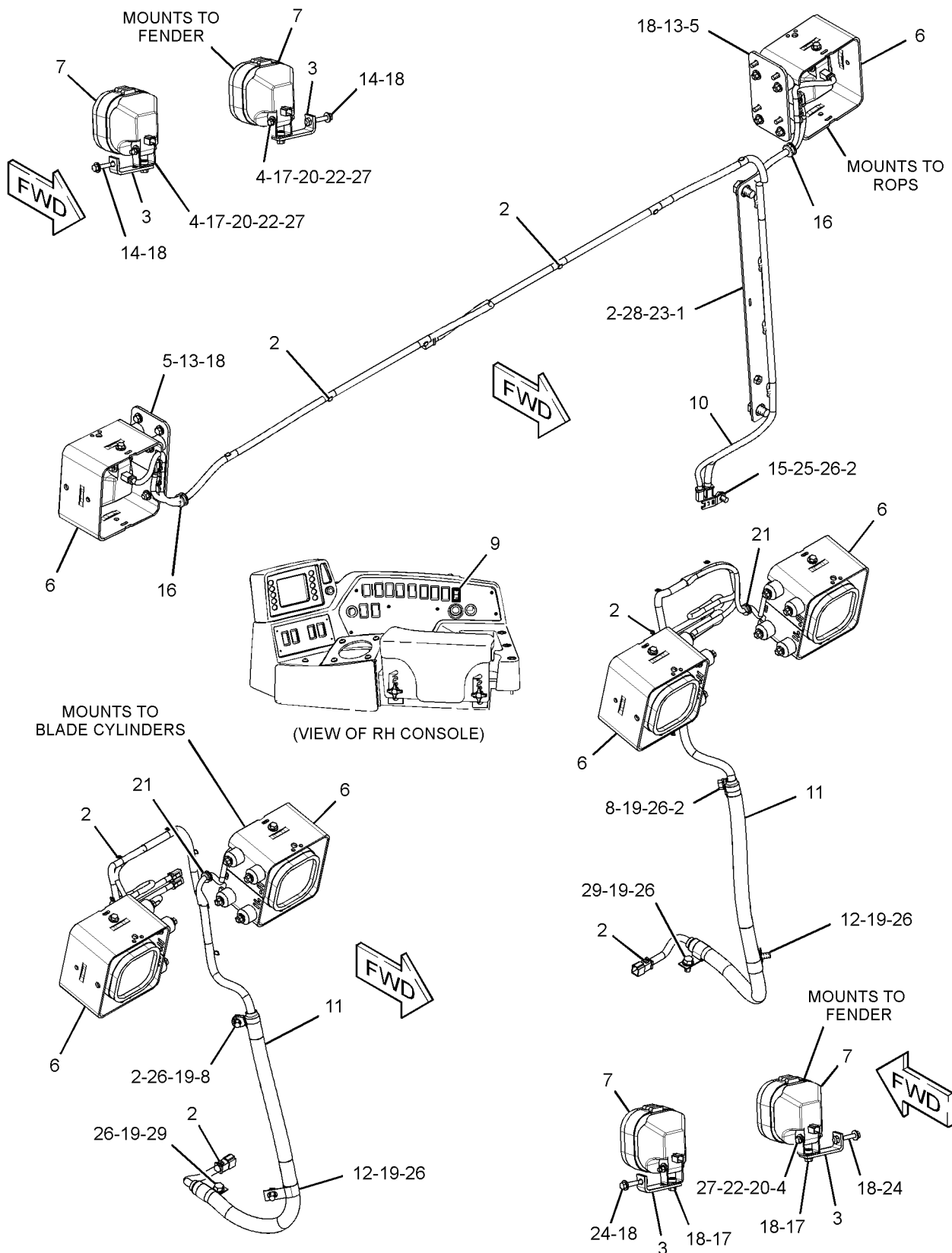
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

231-3070 LIGHTING GP-FLOOD (contd.)

i03538502



GRAPHIC #1

<END>

g01814435

ELECTRICAL AND STARTING SYSTEM

231-3071 LIGHTING GP-FLOOD-ROPS, LIFT CYLINDER

S/N: RJG1-UP

WASTE DISPOSAL

FOR USE WITH CYLINDER. CANNOT BE USED WITH 224-5140-PAGE 410,

231-3069-PAGE 412, 231-3070-PAGE 414, 231-3072-PAGE 420

AN ATTACHMENT

SMCS-1434

i03536040

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1Q-1592	1	PLATE AS	
		1	7T-1099	1	LINK	
	2	1, 2	7K-1181	44	STRAP-CABLE	
	3	3	8E-3241	2	BRACKET AS	
					(EACH INCLUDES)	
		3	1F-0750	1	NUT-WELD (3/8-16-THD)	
	4	2	9W-4361	16	MOUNT-FLEXIBLE	
	5	2, 3	111-8314	10	BRACKET AS	
	6	1	114-9363	4	GUARD AS	
	7	1	114-9365	2	PLATE	
	8	1	115-1032	2	BRACKET	
Y	9	1, 2	147-0319	8	LAMP GP-FLOOD (24-VOLT, 65-WATT) (ROPS, CYLINDER)	400
Y	10	3	153-2073	2	LAMP GP-FLOOD (24-VOLT) (FENDER LIGHTS)	401
	11	2	183-1961	2	BRACKET	
	12	1	230-7732	2	MOUNT (TIE WRAP)	
	13	3	246-5625	1	SWITCH AS-ROCKER (FRONT)	
	14	3	246-5626	1	SWITCH AS-ROCKER (REAR)	
	15	1	247-0495	1	HARNESS AS-LIGHTING (REAR FLOODLIGHT)	
		1	102-8802	5	KIT-RECEPTACLE (2-PIN)	
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)	
					(EACH INCLUDES RECEPTACLE AS,WEDGE)	
		1	155-2270	6	KIT-CONNECTING PLUG (2-PIN)	
					(EACH INCLUDES PLUG AS,WEDGE)	
	16	1	334-8617	2	HARNESS AS-LIGHTING (FRONT FLOODLIGHTS)	
	17	1, 2	3P-2404	2	CLIP	
	18	1, 2	4L-6454	12	BOLT (3/8-16X1-IN)	
	19	1	4P-7428	1	CLIP	
	20	2	5D-7635	2	GROMMET	
	21	2, 3	5M-3062	10	BOLT (3/8-16X0.75-IN)	
	22	1, 2, 3	5P-1075	84	WASHER-HARD (10.2X22.5X3-MM THK)	
	23	1, 2	5P-2228	6	BOLT (1/2-13X1-IN)	
	24	2, 3	5P-2955	10	BOLT (5/16-18X2.5-IN)	
	25	2, 3	6V-8189	10	NUT (5/16-18-THD)	
	26	1, 2	6V-8801	48	NUT (3/8-16-THD)	
	27	1	7X-0582	2	WASHER-HARD (20X44.5X6-MM THK)	
	28	3	8T-2502	2	BOLT (3/8-16X1.125-IN)	
M	29	1	8T-4179	1	BOLT (M12X1.75X20-MM)	
	30	1, 2	8T-4223	7	WASHER-HARD (13.5X25.5X3-MM THK)	
	31	2, 3	8T-4224	20	WASHER-HARD (8.8X16X2-MM THK)	
	32	1	8T-9397	2	BOLT (3/4-10X1.25-IN)	
	33	1	9B-7237	12	BOLT (3/8-16X1.25-IN)	
	34	1	8D-9947	2	CLIP	

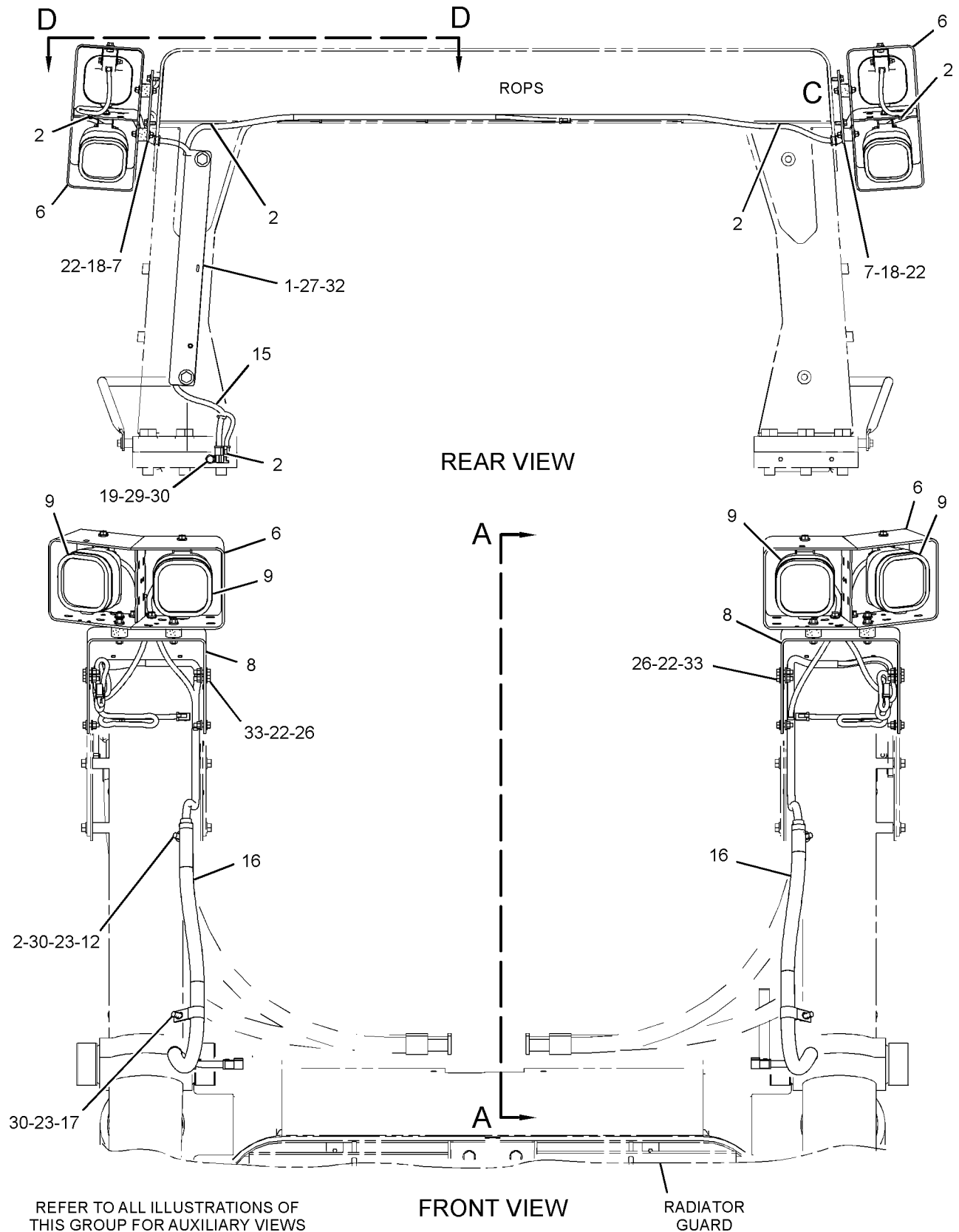
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

231-3071 LIGHTING GP-FLOOD (contd.)

i03536040



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

FRONT VIEW

RADIATOR GUARD

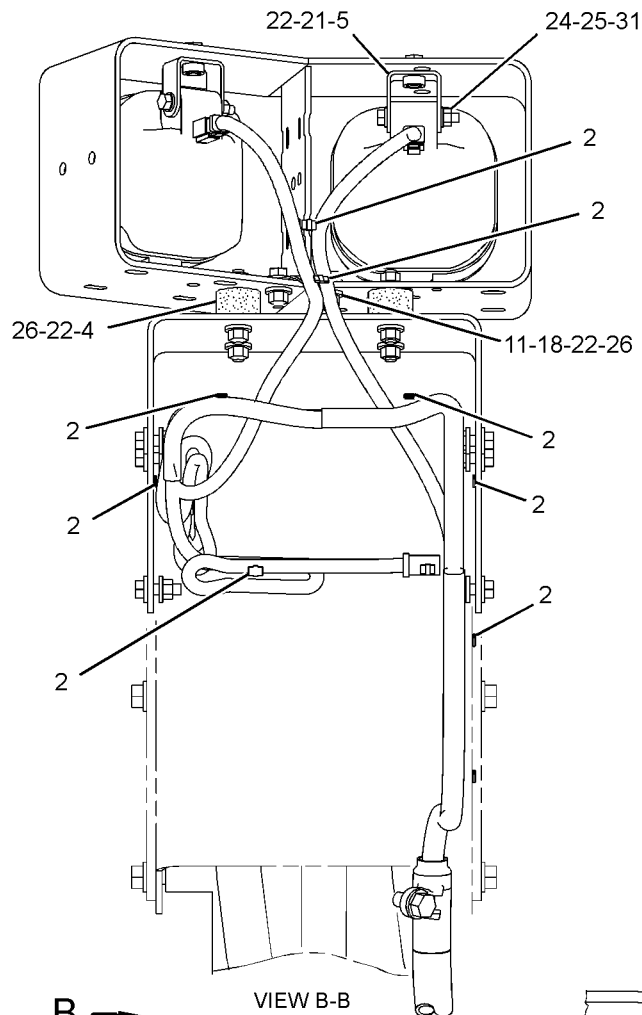
GRAPHIC #1

g01522573

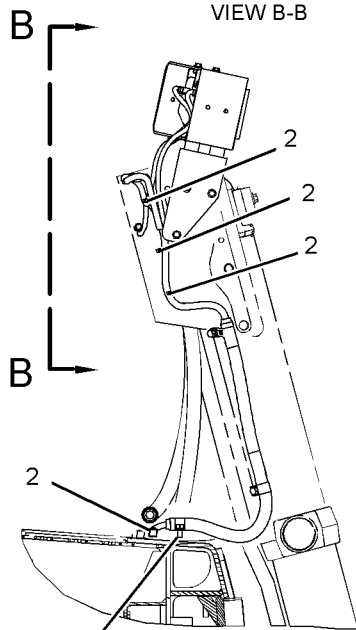
ELECTRICAL AND STARTING SYSTEM

231-3071 LIGHTING GP-FLOOD (contd.)

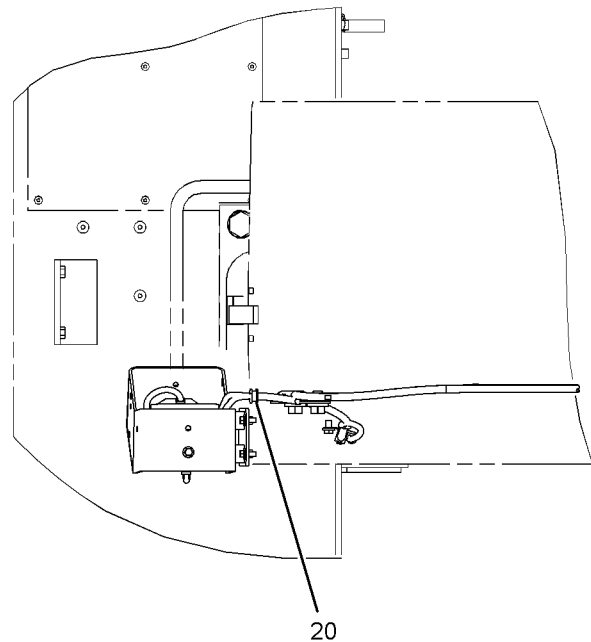
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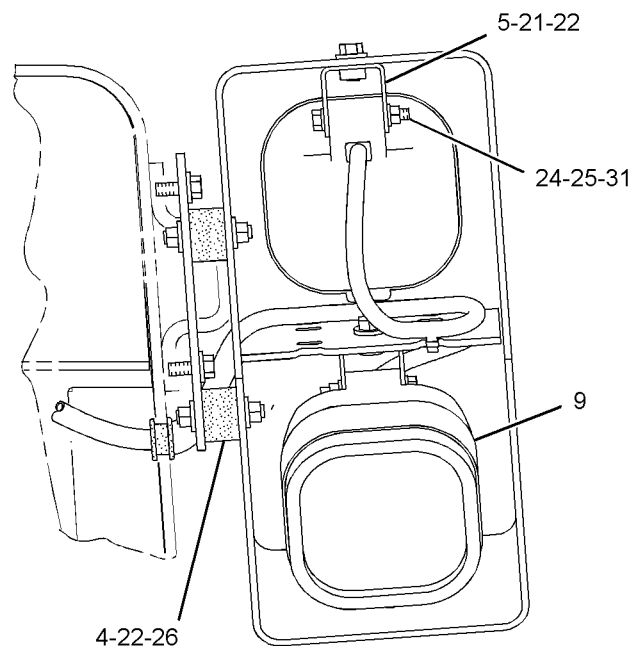
VIEW B-B



VIEW A-A



VIEW D-D



VIEW OF AREA C

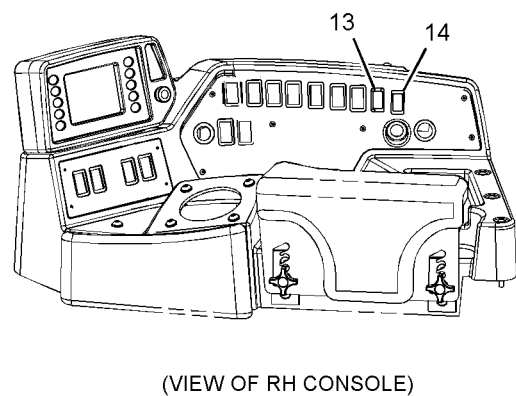
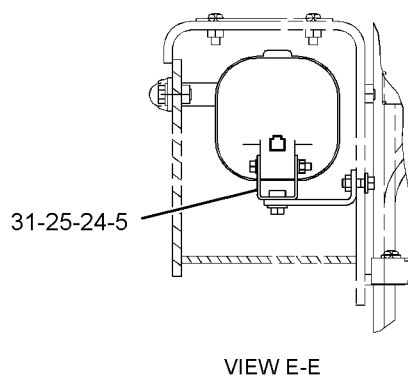
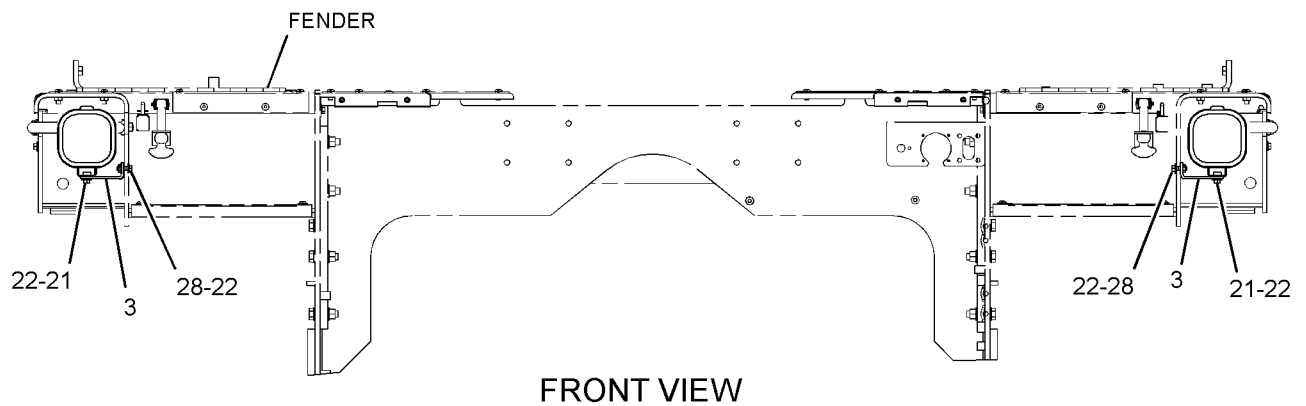
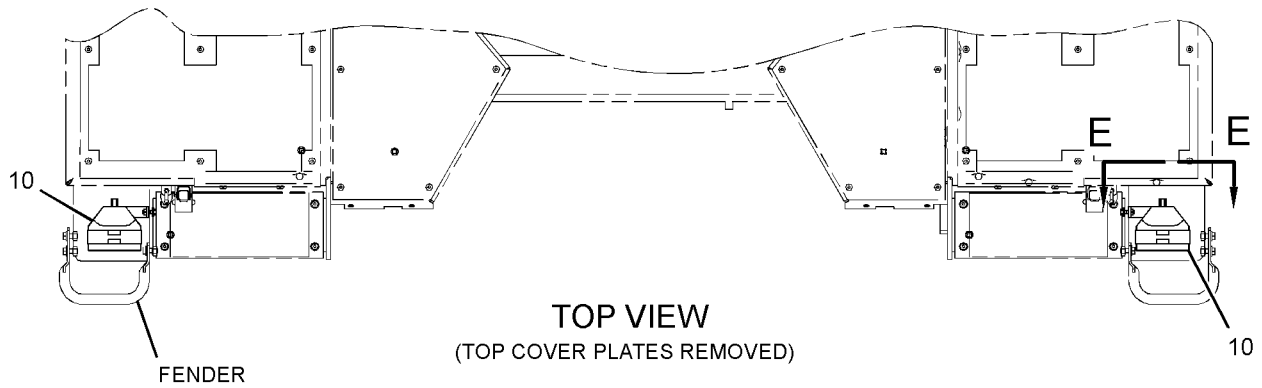
GRAPHIC #2

g01814333

ELECTRICAL AND STARTING SYSTEM

231-3071 LIGHTING GP-FLOOD (contd.)

i03536040



GRAPHIC #3

<END>

g01522575

ELECTRICAL AND STARTING SYSTEM

231-3072 LIGHTING GP-FLOOD-ROPS, FENDER, CYLINDER-HID

S/N: RJG1-893

FOR USE WITH CYLINDERS. CANNOT BE USED WITH 224-5140-PAGE 410,
231-3069-PAGE 412, 231-3070-PAGE 414, 231-3071-PAGE 416
AN ATTACHMENT

SMCS-1434

i03536080

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1Q-1592	1	PLATE AS	
		1	7T-1099	4	LINK	
	2	1	7K-1181	56	STRAP-CABLE	
	3	2	8E-3241	4	BRACKET AS	
					(EACH INCLUDES)	
		2	1F-0750	1	NUT-WELD (3/8-16-THD)	
	4	1,2	9W-4361	20	MOUNT-FLEXIBLE	
	5	2	111-8314	4	BRACKET AS	
Y	6	1	125-2001	2	LIGHTING GP-FLOOD (CYLINDER)	409
	7	1	143-2466	5	GUARD-LIGHT	
Y	8	2	153-2073	4	LAMP GP-FLOOD (24-VOLT) (FENDER LIGHTS)	401
	9	2	229-8779	1	BRACKET	
	10	2	231-1946	1	BRACKET	
	11	1	231-1947	1	BRACKET	
	12	2	231-9306	1	SWITCH AS-ROCKER (FRONT FLOODLIGHTS)	
	13	1,2	233-6020	2	BRACKET AS	
	14	1	234-0825	2	HARNESS AS-LIGHTING (FRONT FLOODLIGHTS)	
					(EACH INCLUDES)	
		1	102-8802	2	KIT-RECEPTACLE (2-PIN)	
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)	
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2270	3	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2271	1	KIT-CONNECTING PLUG (4-PIN)	
					(EACH INCLUDES PLUG AS & WEDGE)	
	15	1	242-9228	2	BRACKET	
	16	2	246-5626	1	SWITCH AS-ROCKER (REAR FLOODLIGHTS)	
Y	17	1	247-0293	4	LAMP GP-FLOOD (24-VOLT, HID) (ROPS, CYLINDER)	403
Y	18	1	247-0294	1	LAMP GP-FLOOD (24-VOLT, HID) (ROPS)	404
	19	1	247-0495	1	HARNESS AS-LIGHTING (REAR FLOODLIGHT)	
		1	102-8802	5	KIT-RECEPTACLE (2-PIN)	
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2270	6	KIT-CONNECTING PLUG (2-PIN)	
					(EACH INCLUDES PLUG AS & WEDGE)	
	20	1,2	4L-6454	20	BOLT (3/8-16X1-IN)	
	21	2	4L-6459	2	BOLT (3/8-16X2.5-IN)	
	22	1	4P-7428	5	CLIP	
	23	2	5D-7635	2	GROMMET	
	24	2	5M-3062	4	BOLT (3/8-16X0.75-IN)	
	25	1,2	5P-1075	76	WASHER-HARD (10.2X22.5X3-MM THK)	
	26	1	5P-1076	5	WASHER-HARD (13.5X30X4-MM THK)	
	27	1	5P-2228	4	BOLT (1/2-13X1-IN)	
	28	2	5P-2955	4	BOLT (5/16-18X2.5-IN)	
	29	1	5P-8522	4	GROMMET	
	30	2	5S-7382	4	BOLT (3/8-16X1.375-IN)	
	31	2	6V-8189	4	NUT (5/16-18-THD)	
	32	1,2	6V-8801	44	NUT (3/8-16-THD)	
	33	1	7X-0582	2	WASHER-HARD (20X44.5X6-MM THK)	
	34	2	8T-2502	2	BOLT (3/8-16X1.125-IN)	
M	35	1	8T-4139	5	BOLT (M12X1.75X30-MM)	
M	36	1	8T-4179	1	BOLT (M12X1.75X20-MM)	
	37	1	8T-4223	5	WASHER-HARD (13.5X25.5X3-MM THK)	
	38	2	8T-4224	8	WASHER-HARD (8.8X16X2-MM THK)	

ELECTRICAL AND STARTING SYSTEM

231-3072 LIGHTING GP-FLOOD (contd.)

i03536080

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	39	1	8T-9397	2	BOLT (3/4-10X1.25-IN)						

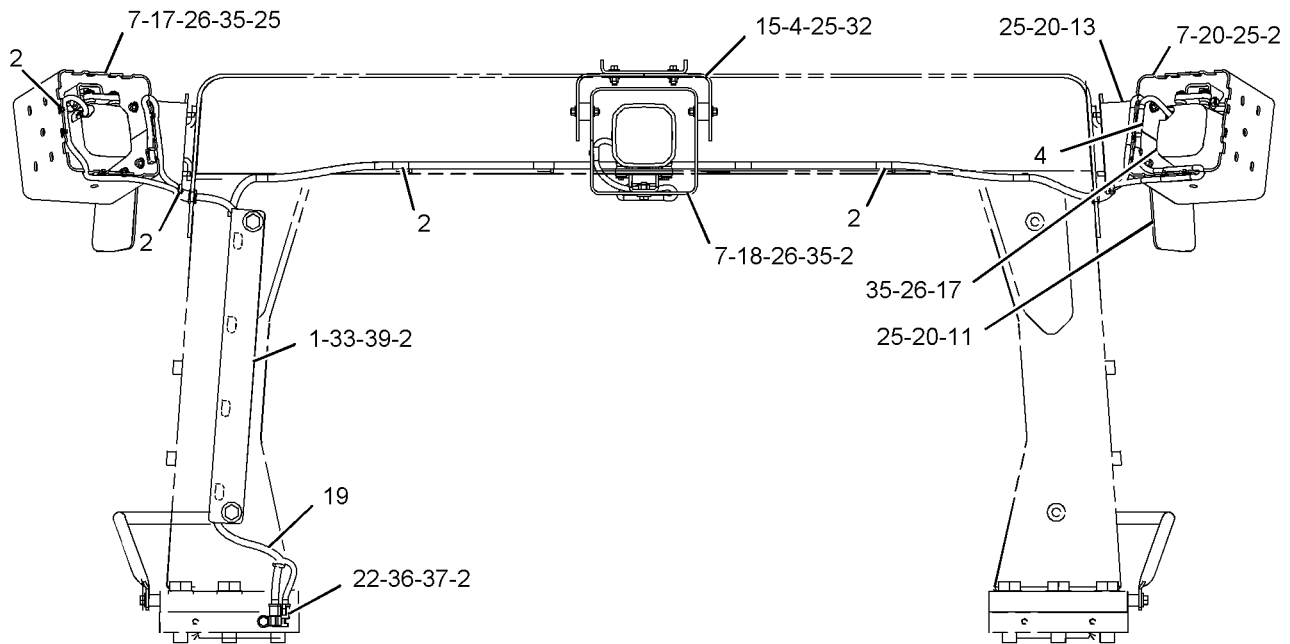
M-METRIC PART

Y-SEPARATE ILLUSTRATION

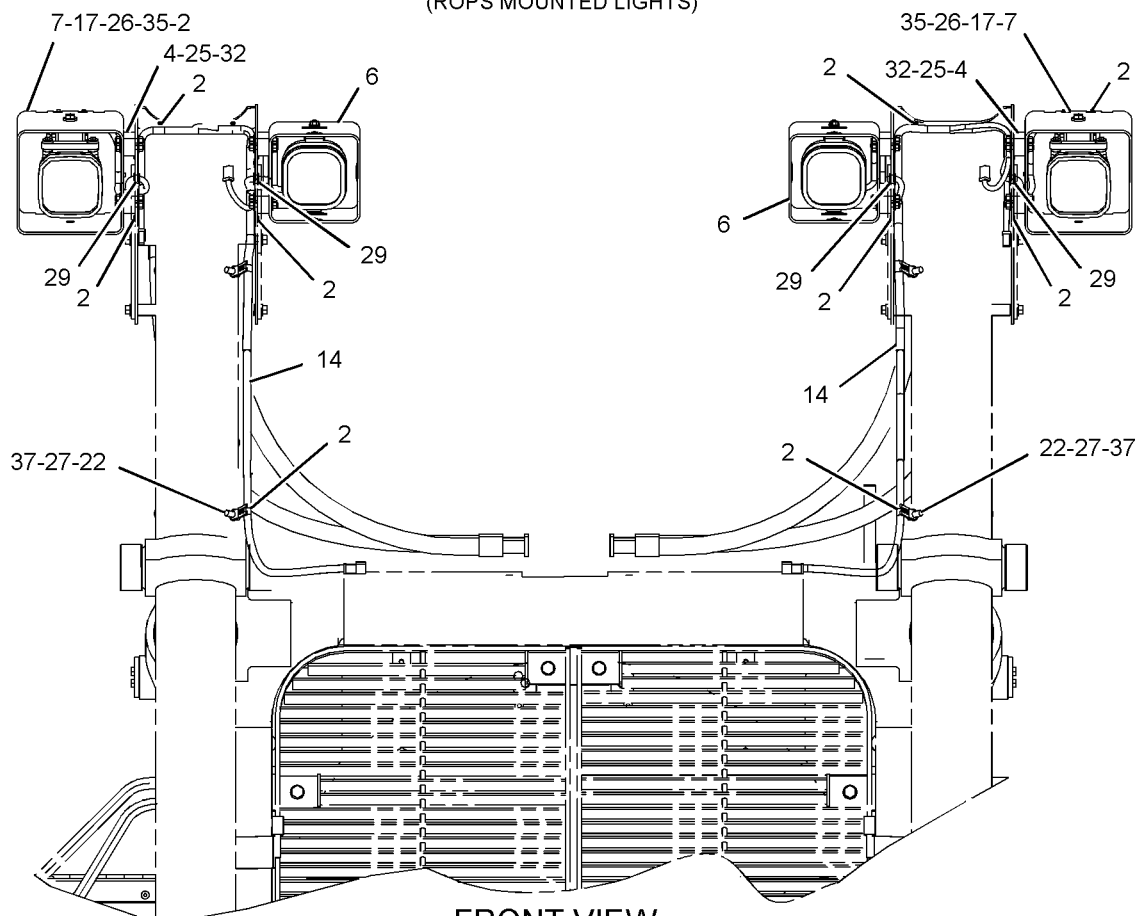
ELECTRICAL AND STARTING SYSTEM

231-3072 LIGHTING GP-FLOOD (contd.)

i03536080



REAR VIEW
(ROPS MOUNTED LIGHTS)



FRONT VIEW
(CYLINDER MOUNTED LIGHTS)

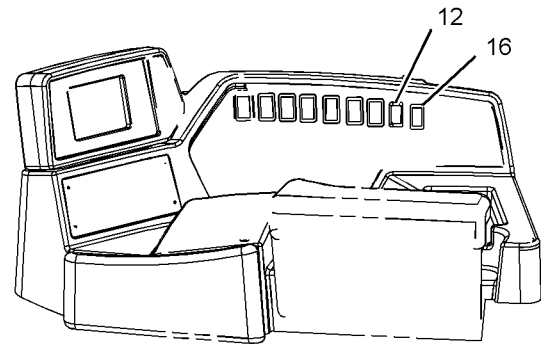
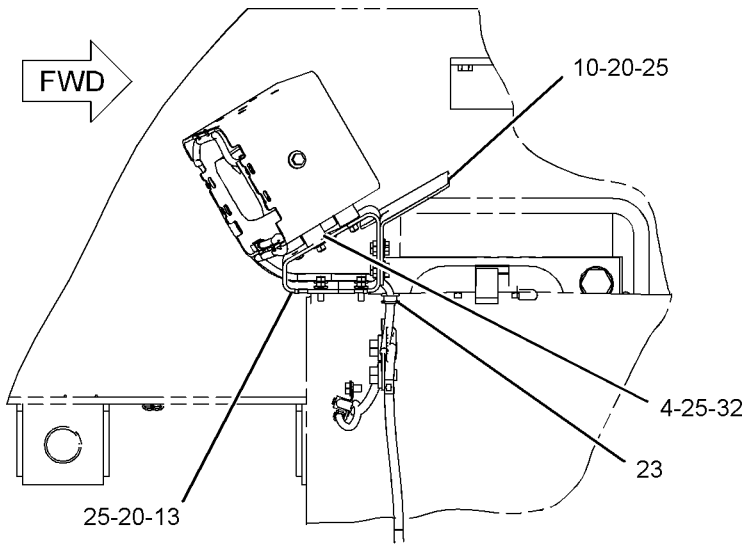
GRAPHIC #1

g01054975

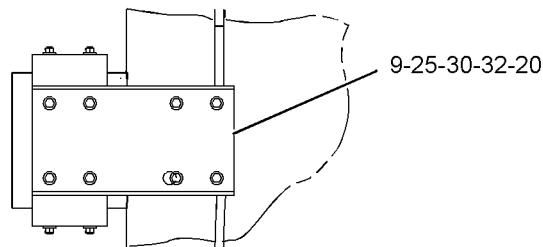
ELECTRICAL AND STARTING SYSTEM

231-3072 LIGHTING GP-FLOOD (contd.)

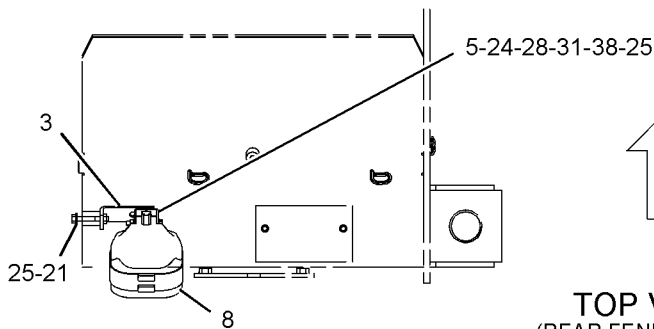
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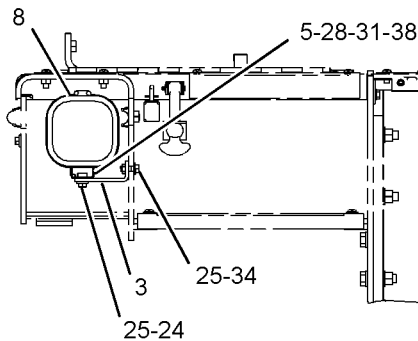
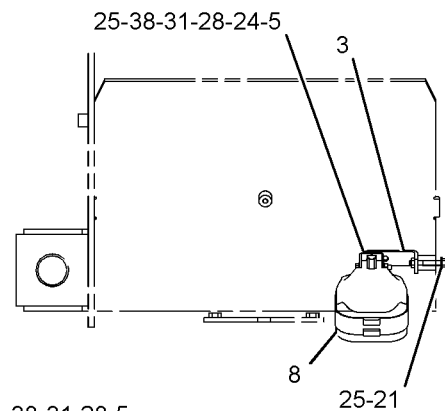
RIGHT HAND CONSOLE



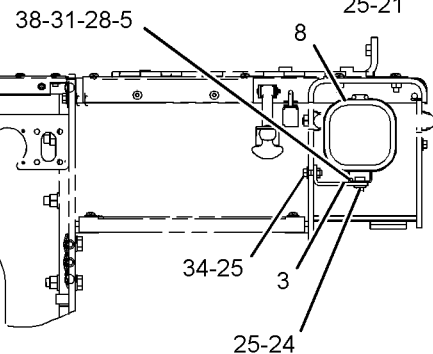
TOP VIEW
(ROPS MOUNTED LIGHTS)



TOP VIEW
(REAR FENDER LIGHTS)



FRONT VIEW
(FRONT FENDER LIGHTS)



GRAPHIC #2

<END>

g01136380

ELECTRICAL AND STARTING SYSTEM

231-3072 LIGHTING GP-FLOOD-ROPS, FENDER, CYLINDER-HID

S/N: RJG894-UP

FOR USE WITH CYLINDERS. CANNOT BE USED WITH 224-5140-PAGE 410,
231-3069-PAGE 412, 231-3070-PAGE 414, 231-3071-PAGE 416

AN ATTACHMENT

SMCS-1434

i03536081

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1Q-1592	1	PLATE AS	
	2	1	7K-1181	60	STRAP-CABLE	
	3	2	8E-3241	4	BRACKET AS	
	4	1, 2	9W-4361	20	MOUNT-FLEXIBLE	
	5	2	111-8314	4	BRACKET AS	
Y	6	1	125-2001	2	LIGHTING GP-FLOOD (CYLINDER)	409
	7	1	143-2466	5	GUARD-LIGHT	
Y	8	2	153-2073	4	LAMP GP-FLOOD (24-VOLT) (FENDER)	401
	9	2	229-8779	1	BRACKET	
	10	2	231-1946	1	BRACKET	
	11	1	231-1947	1	BRACKET	
	12	2	231-9306	1	SWITCH AS-ROCKER (FRONT FLOODLIGHTS)	
	13	1, 2	233-6020	2	BRACKET AS	
	14	1	334-8617	2	HARNESS AS-LIGHTING (FRONT FLOODLIGHTS)	
	15	1	242-9228	2	BRACKET	
	16	2	246-5626	1	SWITCH AS-ROCKER (REAR FLOODLIGHTS)	
CY	18	1	277-0467	5	LAMP GP-FLOOD (24-VOLT, 35-WATT, HID) (ROPS, CYLINDER)	405
	19	1	247-0495	1	HARNESS AS-LIGHTING (REAR FLOODLIGHT)	
		1	102-8802	5	KIT-RECEPTACLE (2-PIN)	
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2270	6	KIT-CONNECTING PLUG (2-PIN)	
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
	20	1, 2	4L-6454	20	BOLT (3/8-16X1-IN)	
	21	2	4L-6459	2	BOLT (3/8-16X2.5-IN)	
	22	1	4P-7428	1	CLIP	
	23	2	5D-7635	2	GROMMET	
	24	2	5M-3062	4	BOLT (3/8-16X0.75-IN)	
	25	1, 2	5P-1075	76	WASHER-HARD (10.2X22.5X3-MM THK)	
	26	1	7X-7729	5	WASHER (11X25X3-MM THK)	
	27	1	5P-2228	6	BOLT (1/2-13X1-IN)	
	28	2	5P-2955	4	BOLT (5/16-18X2.5-IN)	
	29	1	5P-8522	4	GROMMET	
	30	2	5S-7382	4	BOLT (3/8-16X1.375-IN)	
	31	2	6V-8189	4	NUT (5/16-18-THD)	
	32	1, 2	6V-8801	44	NUT (3/8-16-THD)	
	33	1	7X-0582	2	WASHER-HARD (20X44.5X6-MM THK)	
	34	2	8T-2502	2	BOLT (3/8-16X1.125-IN)	
M	35	1	8T-4137	5	BOLT (M10X1.5X20-MM)	
M	36	1	8T-4179	1	BOLT (M12X1.75X20-MM)	
	37	1	8T-4223	7	WASHER-HARD (13.5X25.5X3-MM THK)	
	38	2	8T-4224	8	WASHER-HARD (8.8X16X2-MM THK)	
	39	1	8T-9397	2	BOLT (3/4-10X1.25-IN)	
	40	1	230-7732	2	MOUNT (TIE WRAP)	
	41	1	3P-2404	2	CLIP	
	42	1	8D-9947	2	CLIP	

C-CHANGE FROM PREVIOUS TYPE

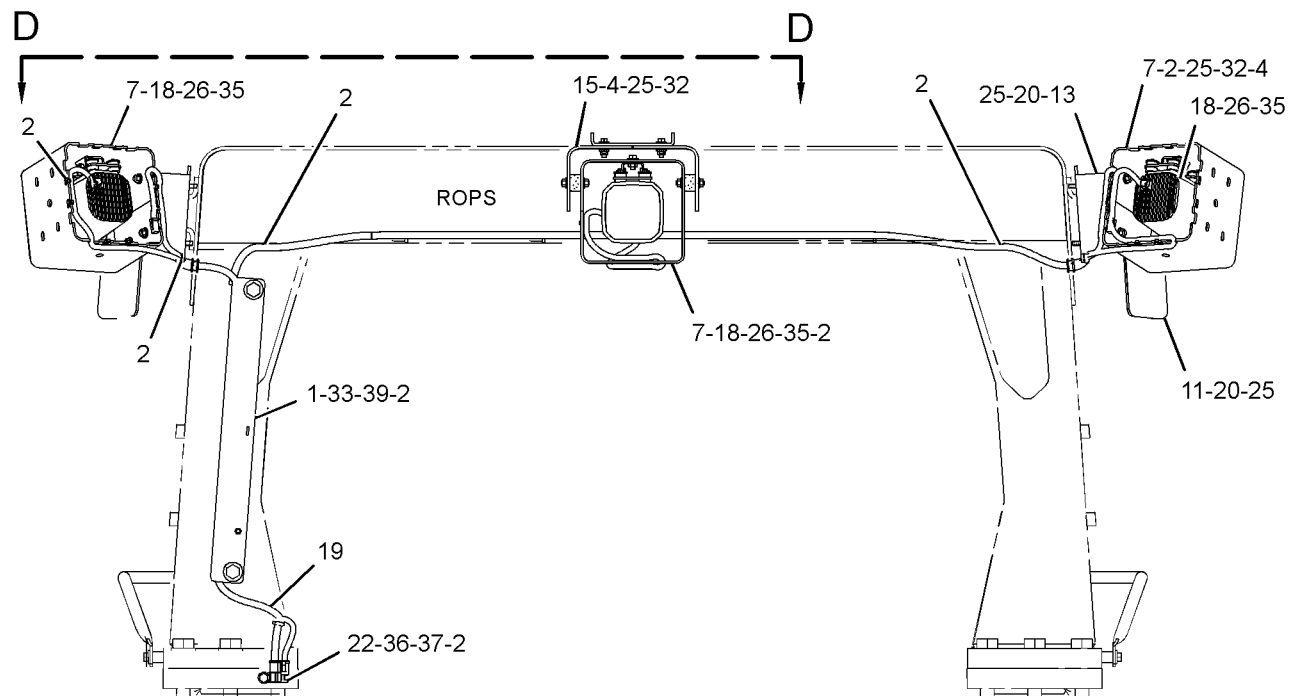
M-METRIC PART

Y-SEPARATE ILLUSTRATION

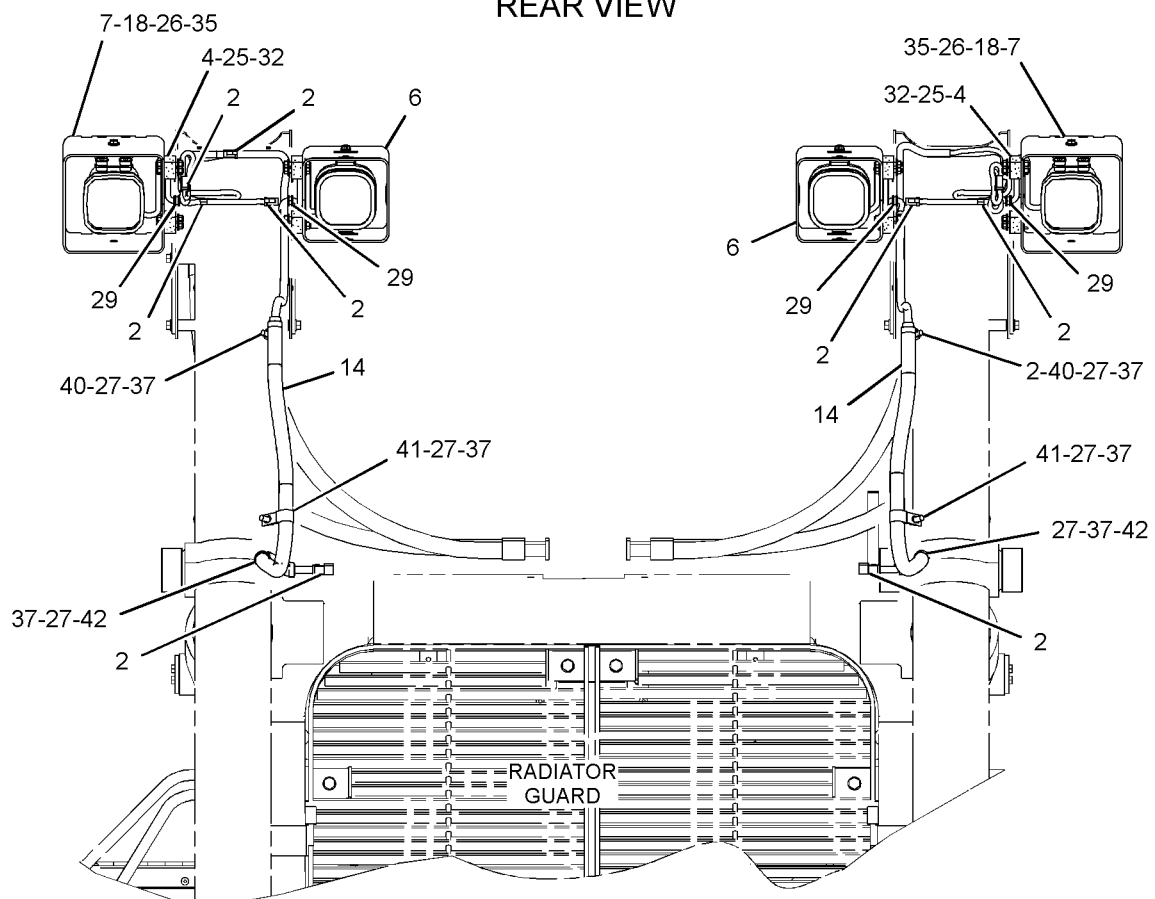
ELECTRICAL AND STARTING SYSTEM

231-3072 LIGHTING GP-FLOOD (contd.)

i03536081



REAR VIEW



FRONT VIEW

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

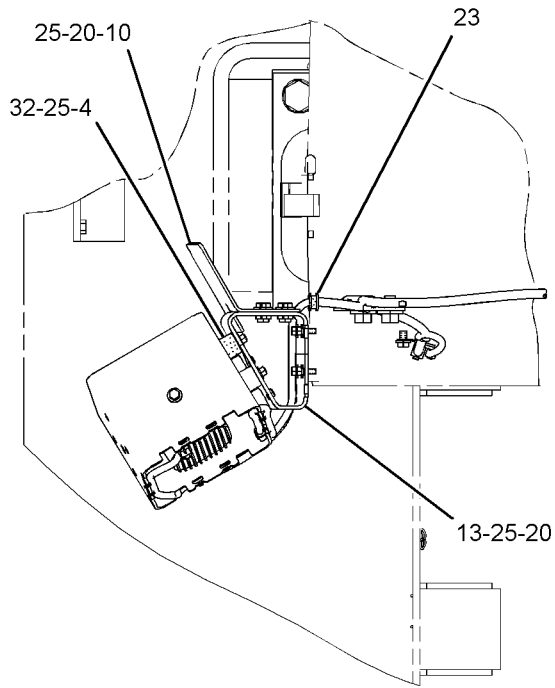
GRAPHIC #1

g01814263

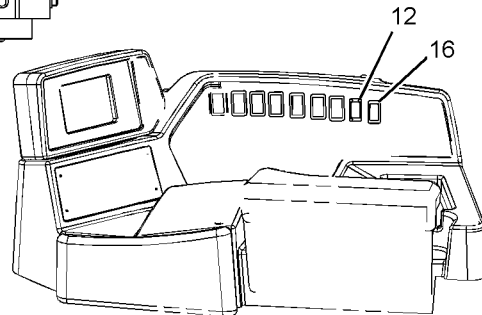
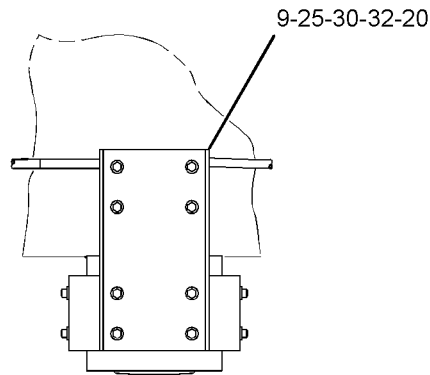
ELECTRICAL AND STARTING SYSTEM

231-3072 LIGHTING GP-FLOOD (contd.)

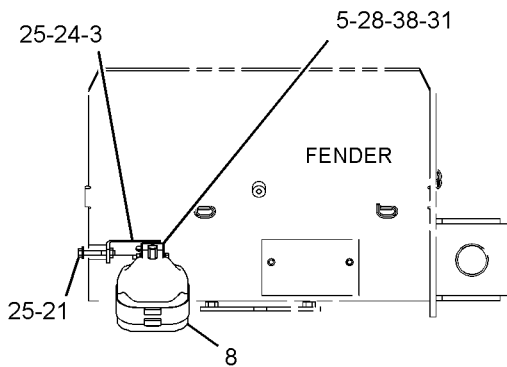
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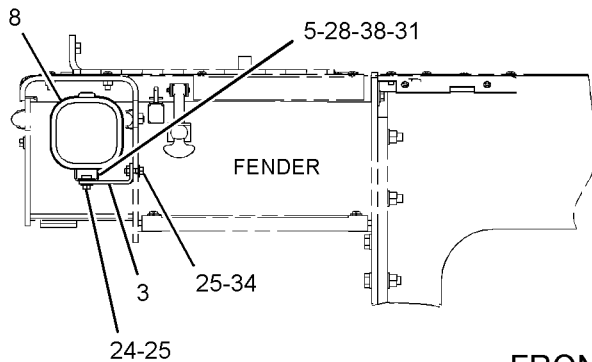
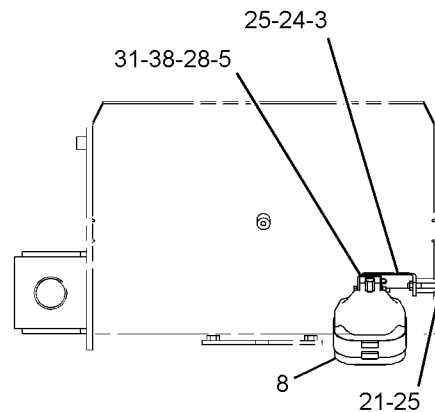
VIEW D-D



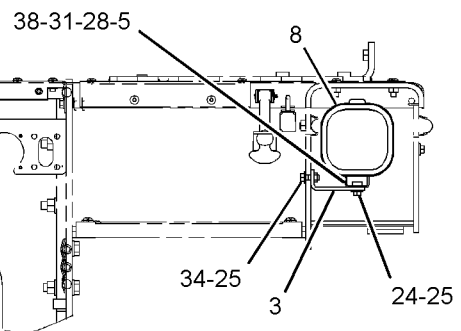
(VIEW OF RH CONSOLE)



TOP VIEW



FRONT VIEW



GRAPHIC #2

<END>

g01524809

ELECTRICAL AND STARTING SYSTEM

247-4927 LIGHTING GP-FLOOD-FRONT, REAR FENDER

S/N: RJG1-UP

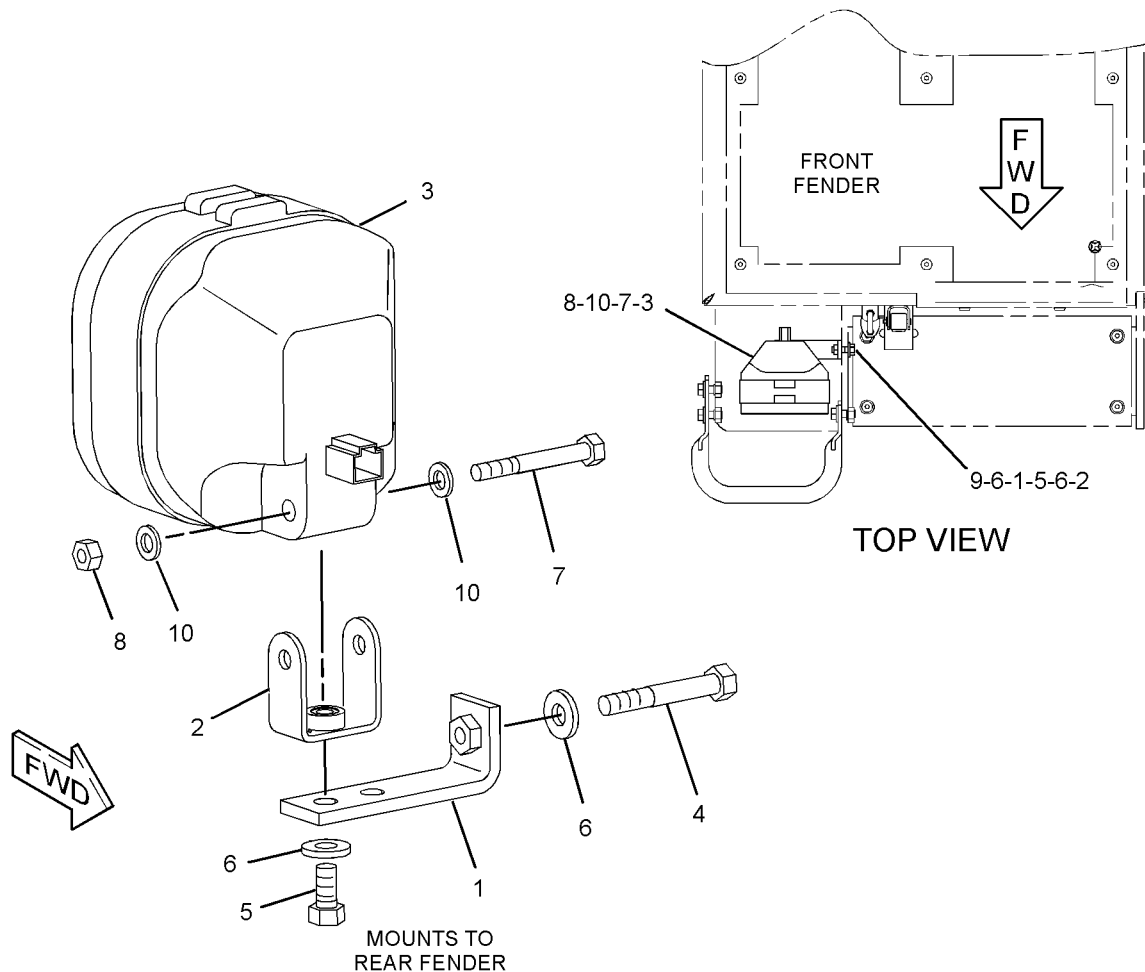
PART OF 212-2741 CHASSIS AR

SMCS-1434

i02379514

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8E-3241	4	BRACKET AS						
					(EACH INCLUDES)						
		1	1F-0750	1	NUT-WELD (3/8-16-THD)						
	2	1	111-8314	4	BRACKET AS						
					(EACH INCLUDES)						
		1	1F-0750	1	NUT-WELD (3/8-16-THD)						
		1	115-0617	1	BRACKET						
Y	3	1	153-2073	4	LAMP GP-FLOOD (24-VOLT)						401
	4	1	4L-6459	2	BOLT (3/8-16X2.5-IN)						
	5	1	5M-3062	4	BOLT (3/8-16X0.75-IN)						
	6	1	5P-1075	8	WASHER-HARD (10.2X22.5X3-MM THK)						
	7	1	5P-2955	4	BOLT (5/16-18X2.5-IN)						
	8	1	6V-8189	4	NUT (5/16-18-THD)						
	9	1	8T-2502	2	BOLT (3/8-16X1.125-IN)						
	10	1	8T-4224	8	WASHER-HARD (8.8X16X2-MM THK)						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01225948

ELECTRICAL AND STARTING SYSTEM

276-1365 LIGHTING GP-FLOOD-ROPS, FENDER

S/N: RJG1-UP

CANNOT BE USED WITH 216-2481-PAGE 815, 216-2482-PAGE 816

AN ATTACHMENT

TYPE 1

SMCS-1434

i03536102

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1Q-1592	1	PLATE AS	
		1	1Q-1591	1	PLATE	
	2	1	7K-1181	28	STRAP-CABLE	
	3	1	8E-3241	4	BRACKET AS	
					(EACH INCLUDES)	
		1	1F-0750	1	NUT-WELD (3/8-16-THD)	
	4	1	9W-4361	12	MOUNT-FLEXIBLE	
	5	1	111-8314	4	BRACKET AS	
	6	1	143-2466	3	GUARD-LIGHT	
Y	7	1	153-2073	4	LAMP GP-FLOOD (24-VOLT) (FENDER)	401
	8	1	229-8779	1	BRACKET	
	9	1	231-1946	1	BRACKET	
	10	1	231-1947	1	BRACKET	
	11	1	231-9306	1	SWITCH AS-ROCKER (FRONT FLOODLIGHTS)	
	12	1	233-6020	2	BRACKET AS	
	13	1	242-9228	2	BRACKET	
					(EACH INCLUDES)	
		1	1F-0750	2	NUT-WELD (3/8-16-THD)	
	14	1	246-5626	1	SWITCH AS-ROCKER (REAR FLOODLIGHTS)	
	15	1	247-0495	1	HARNESS AS-LIGHTING (REAR FLOODLIGHT)	
		1	102-8802	5	KIT-RECEPTACLE (2-PIN)	
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2270	6	KIT-CONNECTING PLUG (2-PIN)	
					(INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
Y	16	1	247-0293	2	LAMP GP-FLOOD (24-VOLT, HID) (ROPS)	403
Y	17	1	247-0294	1	LAMP GP-FLOOD (24-VOLT, HID) (ROPS)	404
	18	1	4L-6454	20	BOLT (3/8-16X1-IN)	
	19	1	4L-6459	2	BOLT (3/8-16X2.5-IN)	
	20	1	4P-7428	1	CLIP	
	21	1	5D-7635	2	GROMMET	
	22	1	5M-3062	4	BOLT (3/8-16X0.75-IN)	
	23	1	5P-1075	60	WASHER-HARD (10.2X22.5X3-MM THK)	
	24	1	5P-1076	3	WASHER-HARD (13.5X30X4-MM THK)	
	25	1	5P-2955	4	BOLT (5/16-18X2.5-IN)	
	26	1	5S-7382	4	BOLT (3/8-16X1.375-IN)	
	27	1	6V-8189	4	NUT (5/16-18-THD)	
	28	1	6V-8801	28	NUT (3/8-16-THD)	
	29	1	7X-0582	2	WASHER-HARD (20X44.5X6-MM THK)	
	30	1	8T-2502	2	BOLT (3/8-16X1.125-IN)	
M	31	1	8T-4139	3	BOLT (M12X1.75X30-MM)	
M	32	1	8T-4179	1	BOLT (M12X1.75X20-MM)	
	33	1	8T-4223	1	WASHER-HARD (13.5X25.5X3-MM THK)	
	34	1	8T-4224	8	WASHER-HARD (8.8X16X2-MM THK)	
	35	1	8T-9397	2	BOLT (3/4-10X1.25-IN)	

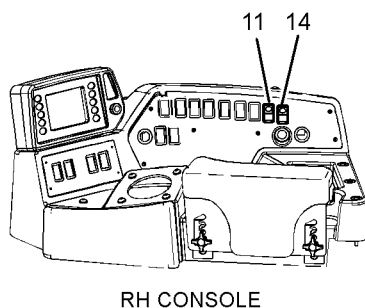
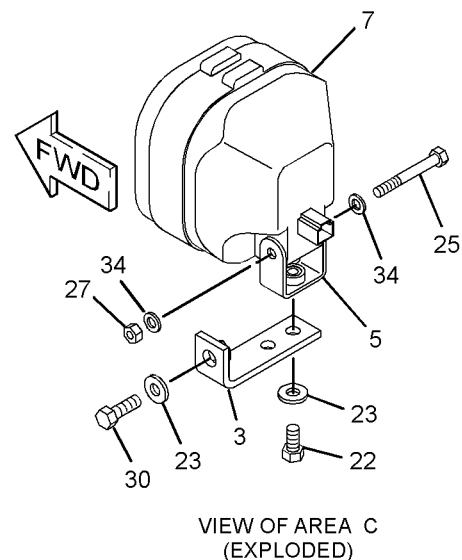
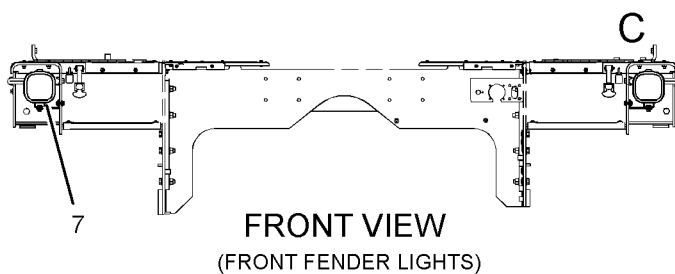
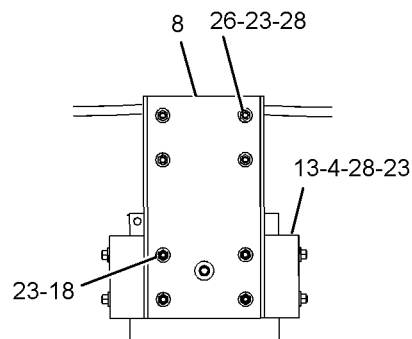
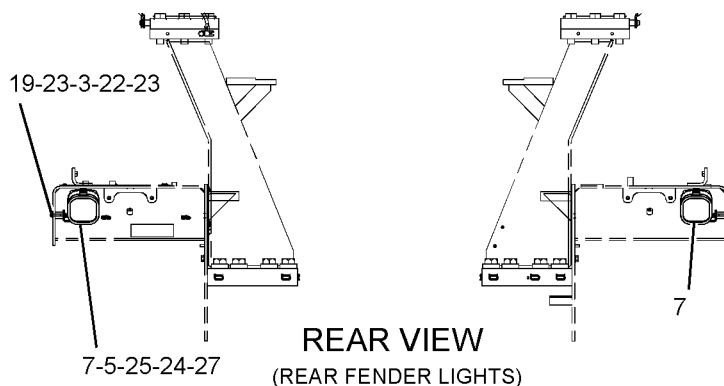
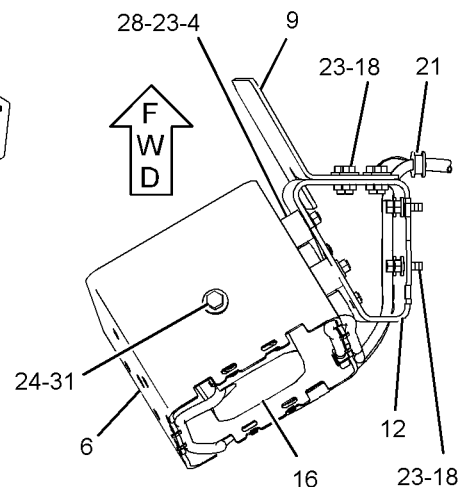
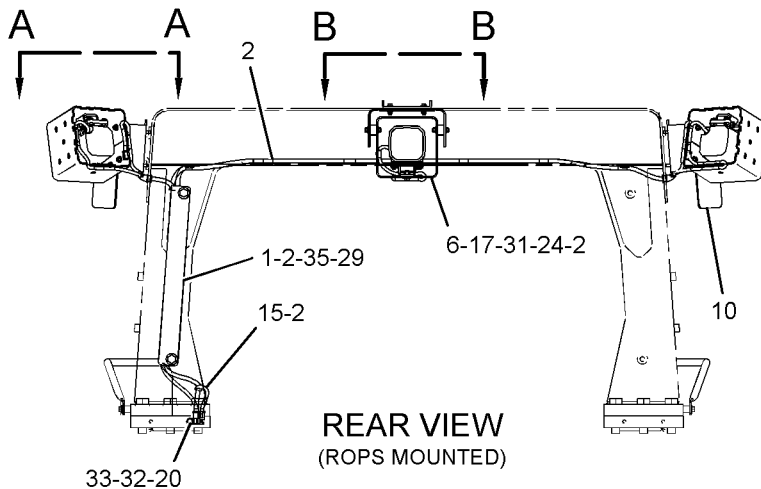
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

276-1365 LIGHTING GP-FLLOOD (contd.)

i03536102



GRAPHIC #1

<END>

g01227233

ELECTRICAL AND STARTING SYSTEM

276-1365 LIGHTING GP-FLOOD-ROPS, FENDER

S/N: RJG1-UP

CANNOT BE USED WITH 216-2481-PAGE 815, 216-2482-PAGE 816

AN ATTACHMENT

TYPE 2

SMCS-1434

i03536103

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1Q-1592	1	PLATE AS	
		1	7T-1099	4	LINK	
	2	1	7K-1181	28	STRAP-CABLE	
	3	1	8E-3241	4	BRACKET AS	
					(EACH INCLUDES)	
		1	1F-0750	1	NUT-WELD (3/8-16-THD)	
	4	1	9W-4361	12	MOUNT-FLEXIBLE	
	5	1	111-8314	4	BRACKET AS	
	6	1	143-2466	3	GUARD-LIGHT	
Y	7	1	153-2073	4	LAMP GP-FLOOD (24-VOLT) (FENDER)	401
	8	1	229-8779	1	BRACKET	
	9	1	231-1946	1	BRACKET	
	10	1	231-1947	1	BRACKET	
	11	1	231-9306	1	SWITCH AS-ROCKER (FRONT FLOODLIGHTS)	
	12	1	233-6020	2	BRACKET AS	
	13	1	242-9228	2	BRACKET	
					(EACH INCLUDES)	
		1	1F-0750	2	NUT-WELD (3/8-16-THD)	
	14	1	246-5626	1	SWITCH AS-ROCKER (REAR FLOODLIGHTS)	
	15	1	247-0495	1	HARNESS AS-LIGHTING (REAR FLOODLIGHT)	
		1	102-8802	5	KIT-RECEPTACLE (2-PIN)	
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2270	6	KIT-CONNECTING PLUG (2-PIN)	
					(INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
CY	16	1	277-0467	2	LAMP GP-FLOOD (24-VOLT, 35-WATT, HID) (ROPS)	405
CY	17	1	277-0468	1	LAMP GP-FLOOD (24-VOLT, HID) (ROPS)	407
	18	1	4L-6454	20	BOLT (3/8-16X1-IN)	
	19	1	4L-6459	2	BOLT (3/8-16X2.5-IN)	
	20	1	4P-7428	1	CLIP	
	21	1	5D-7635	2	GROMMET	
	22	1	5M-3062	4	BOLT (3/8-16X0.75-IN)	
	23	1	5P-1075	60	WASHER-HARD (10.2X22.5X3-MM THK)	
C	24	1	7X-7729	3	WASHER (11X25X3-MM THK)	
	25	1	5P-2955	4	BOLT (5/16-18X2.5-IN)	
	26	1	5S-7382	4	BOLT (3/8-16X1.375-IN)	
	27	1	6V-8189	4	NUT (5/16-18-THD)	
	28	1	6V-8801	28	NUT (3/8-16-THD)	
	29	1	7X-0582	2	WASHER-HARD (20X44.5X6-MM THK)	
	30	1	8T-2502	2	BOLT (3/8-16X1.125-IN)	
CM	31	1	8T-4186	3	BOLT (M10X1.5X40-MM)	
M	32	1	8T-4179	1	BOLT (M12X1.75X20-MM)	
	33	1	8T-4223	1	WASHER-HARD (13.5X25.5X3-MM THK)	
	34	1	8T-4224	8	WASHER-HARD (8.8X16X2-MM THK)	
	35	1	8T-9397	2	BOLT (3/4-10X1.25-IN)	

C-CHANGE FROM PREVIOUS TYPE

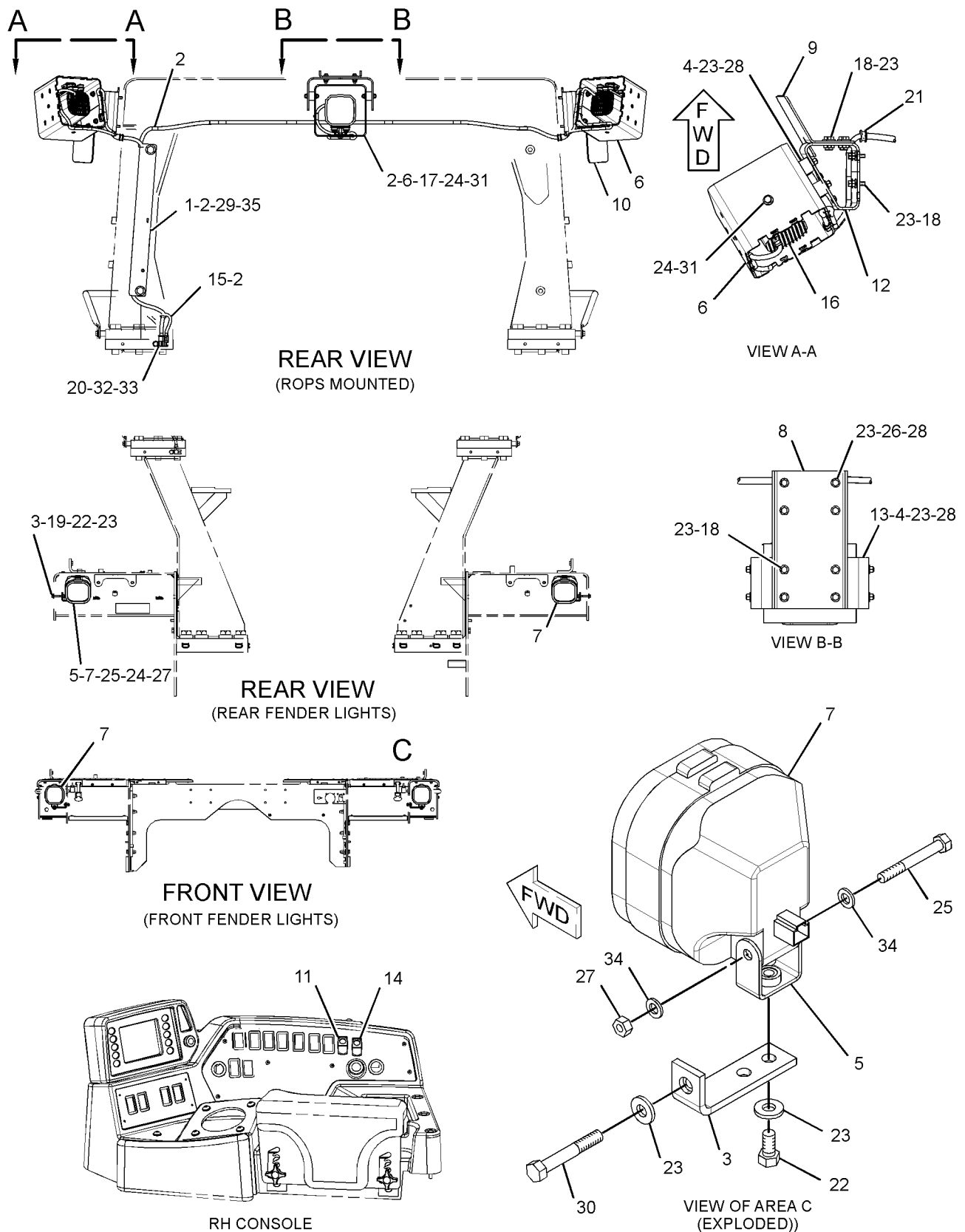
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

276-1365 LIGHTING GP-FLOOD (contd.)

i03536103



GRAPHIC #1

<END>

g01655234

ELECTRICAL AND STARTING SYSTEM

217-7739 LIGHTING GP-RIPPER

S/N: 4PP1-UP; BRT1-UP; BEY1-UP

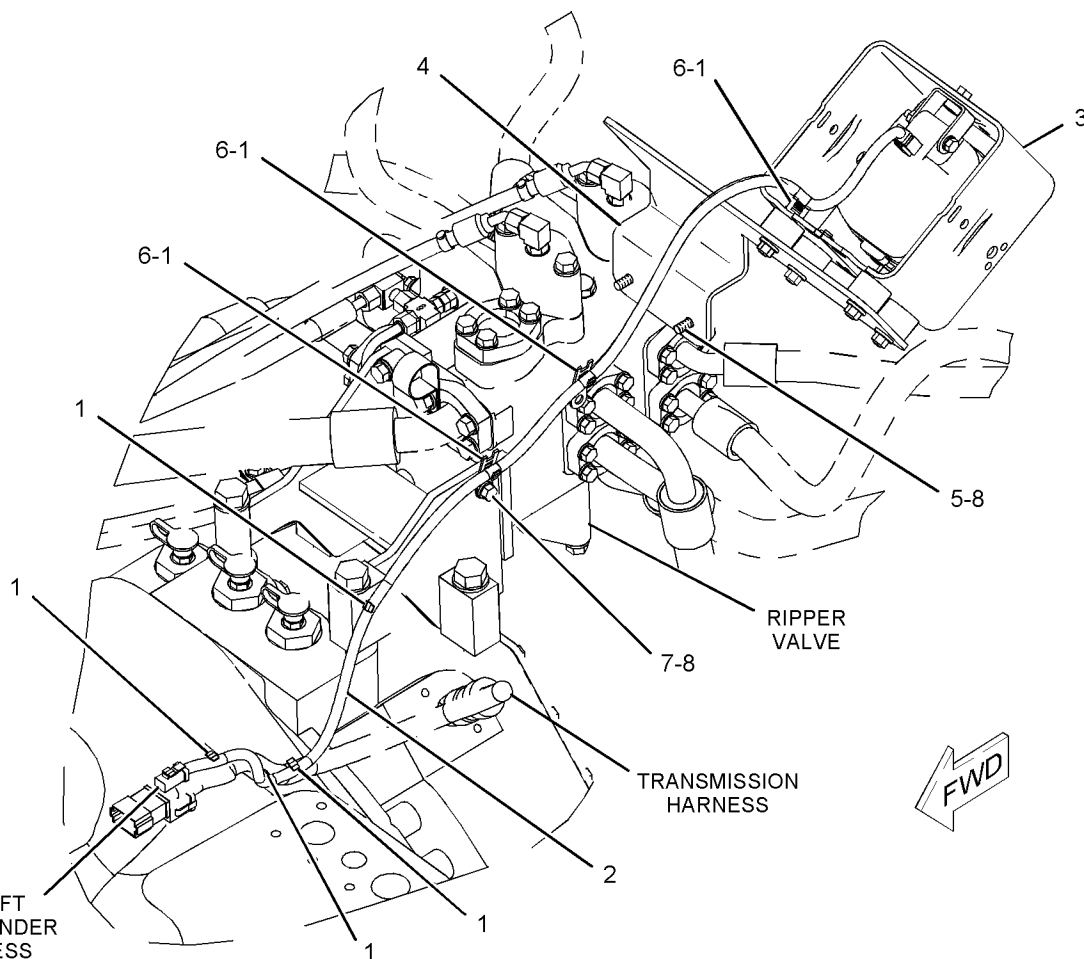
PART OF 216-0120, 216-0121, 216-0122 RIPPER AR
AN ATTACHMENT

SMCS-1429

i02274216

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	7K-1181	8	STRAP-CABLE	
	2	1	125-2000	1	HARNESS AS-LIGHTING (RIPPER)	
		1	155-2270	2	KIT-CONNECTING PLUG (2-PIN) (EACH INCLUDES PLUG AS & WEDGE)	
Y	3	1	125-2001	1	LIGHTING GP-FLOOD (RIPPER)	409
	4	1	237-0843	1	BRACKET	
	5	1	4L-6454	2	BOLT (3/8-16X1-IN)	
	6	1	4P-7581	3	CLIP	
	7	1	5M-3062	1	BOLT (3/8-16X0.75-IN)	
	8	1	8T-4896	3	WASHER-HARD (10.2X18.5X2.5-MM THK)	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01140547

ELECTRICAL AND STARTING SYSTEM

325-3753 MOUNTING GP-GRADE CONTROL

S/N: RJG1-UP

PART OF 325-3858 GRADE CONTROL AR
AN ATTACHMENT

SMCS-7220

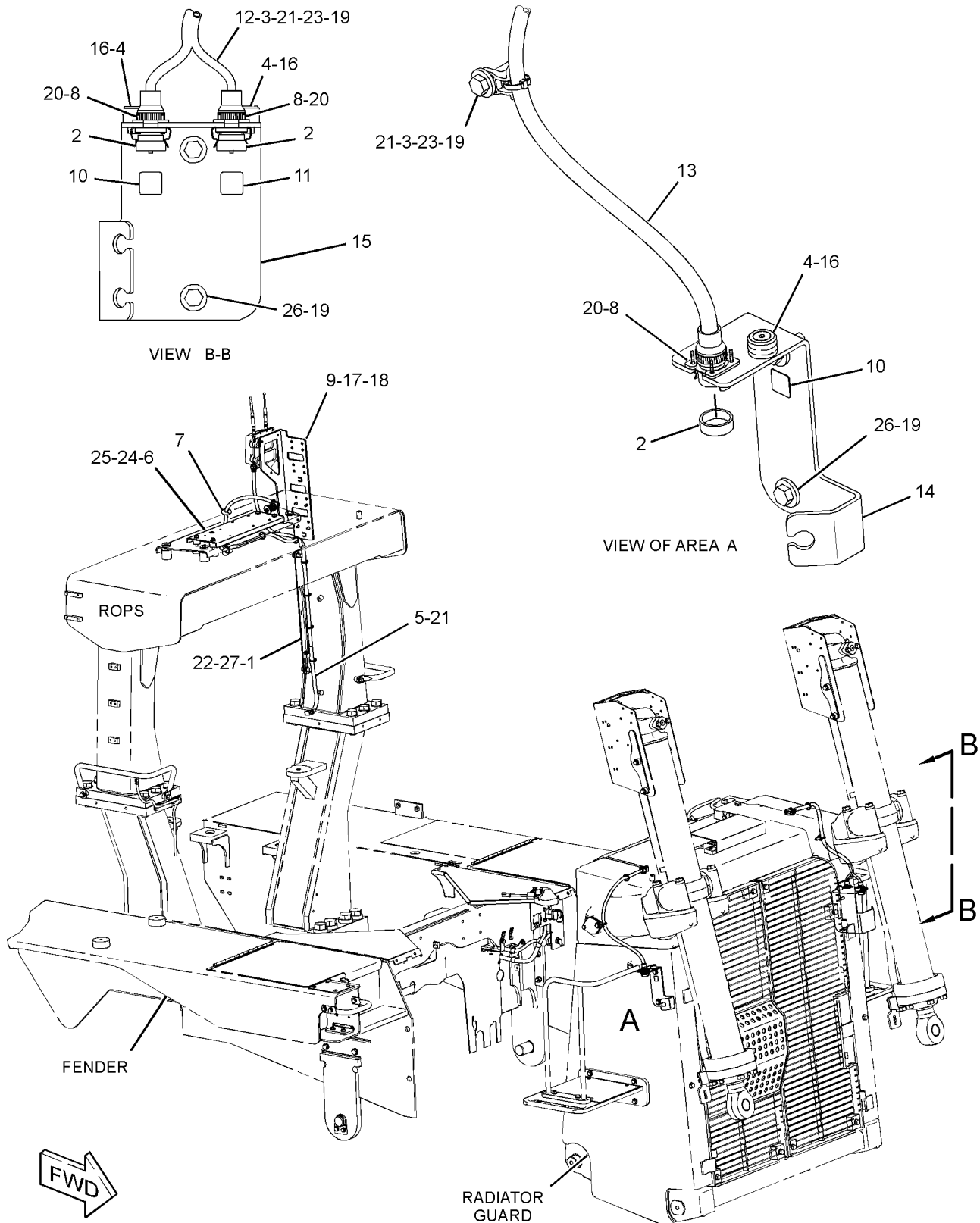
i03480221

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1Q-1592	1	PLATE AS						
	2	1	7R-3029	3	CAP-DUST						
	3	1	230-7732	2	MOUNT (TIE WRAP)						
	4	1	236-8826	3	BOSS (1-1/8-18X0.708-IN)						
	5	1	253-0040	1	HARNESS AS-RADIO (RECEIVER)						
	6	1	261-4983	1	PLATE AS						
	7	1	261-7991	1	GROMMET						
	8	1	308-1395	3	PLATE						
	9	1	310-5774	1	PLATE AS						
	10	1	325-1558	2	FILM-IDENTIFICATION (DUAL RECEIVER MAST)						
	11	1	325-9417	1	FILM-IDENTIFICATION (TILT SENSOR)						
	12	1	331-8549	1	HARNESS AS-CONTROL						
	13	1	331-8550	1	HARNESS AS-WIRING						
	14	1	331-9583	1	BRACKET AS						
	15	1	331-9584	1	BRACKET AS						
M	16	1	131-3539	3	SCREW-FLAT HEAD (M8X1.25X30-MM)						
	17	1	4L-6454	4	BOLT (3/8-16X1-IN)						
	18	1	5P-1075	4	WASHER-HARD (10.2X22.5X3-MM THK)						
	19	1	5P-1076	6	WASHER-HARD (13.5X30X4-MM THK)						
	20	1	5P-8395	12	SCREW-MACHINE						
	21	1	7K-1181	13	STRAP-CABLE						
	22	1	7X-0582	2	WASHER-HARD (20X44.5X6-MM THK)						
M	23	1	8T-4183	2	BOLT (M12X1.75X40-MM)						
M	24	1	8T-4194	4	BOLT (M12X1.75X50-MM)						
	25	1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)						
M	26	1	8T-4956	4	BOLT (M12X1.75X35-MM)						
	27	1	8T-9397	2	BOLT (3/4-10X1.25-IN)						
M-METRIC PART											

ELECTRICAL AND STARTING SYSTEM

325-3753 MOUNTING GP-GRADE CONTROL (contd.)

i03480221



GRAPHIC #1

<END>

g01829055

ELECTRICAL AND STARTING SYSTEM

223-8176 PANEL GP-FUSE

S/N: RJG1-UP

PART OF 218-7063 WIRING GP-PLATFORM

SMCS-1417

i02954246

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	6T-3643	1	CIRCUIT BREAKER AS (15-AMPERE) (MAIN POWER)	
		2	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)	
		2	9B-7233	2	LOCKWASHER	
	2	2	9W-1441	19	FUSE (15-AMPERE)	
	3	2	9W-1442	5	FUSE (10-AMPERE)	
	4	2	9W-1446	4	FUSE (20-AMPERE)	
	5	1	117-2311	1	RECEPTACLE AS-POWER (12-VOLT)	
Y	6	2	125-1302	1	SWITCH GP-MAGNETIC (24-VOLT) (START RELAY)	497
	7	2	128-6157	1	PLATE	
	8	2	172-4863	1	JUNCTION BLOCK	
	9	2	189-3158	1	SUPPRESSOR-ARC	
	10	2	202-4327	1	PULLER-FUSE	
	11	1	204-8000	1	MOUNT (TIE WRAP)	
	12	2	211-3686	1	WIRING GP-PANEL (FUSE)	
		2	225-8553	1	BLOCK AS-FUSE	
		2	151-1398	2	KIT-TERMINAL (LOCK) (INCLUDES LOCK)	
		2	227-0912	1	BLOCK AS-FUSE	
		2	1H-3244	2	LOCKWASHER	
		2	6V-8185	2	NUT (1/4-20-THD)	
		2	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)	
		2	213-2304	1	HARNESS AS-PANEL (FUSE)	
		2	9X-0196	1	TERMINAL AS	
		2	9W-1951	1	RECEPTACLE-CONNECTOR (9-PIN)	
		2	214-4208	1	RECEPTACLE AS-CONNECTOR (70-PIN)	
		2	102-8802	2	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
		2	155-2270	3	KIT-CONNECTING PLUG (2-PIN) (INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
	13	1	212-6167	1	STRAP	
	14	1	212-6168	1	STRAP	
	15	2	212-6169	1	STRAP	
	16	1	213-3064	1	GASKET	
	17	2	214-1703	1	WIRE AS	
	18	2	215-3712	1	COVER AS	
		2	6V-2491	2	RIVET-POP	
		2	185-9464	1	LATCH AS	
		2	211-3703	1	COVER	
		2	212-6157	1	HINGE AS	
	19	1	223-8173	1	HOLDER AS-FUSE	
	20	2	223-8175	1	CAP AS	
	21	1	225-3797	1	BOX AS-FUSE	
	22	2	225-5928	1	COVER PLATE	
	23	1	231-6270	1	GASKET	
	24	2	234-5880	1	BRACKET	
	25	2	234-6845	1	COVER	
	26	1, 2	239-8107	2	FUSE (175-AMPERE) (ALTERNATOR, MAIN)	
Y	27	1	241-8368	1	SWITCH GP-MAGNETIC (24-VOLT) (MAIN RELAY)	498
	28	2	249-0951	1	GASKET	
	29	2	068-4209	2	SCREW (8-32X0.75-IN)	
	30	2	3S-9557	4	SCREW-PAN HEAD (4-40X0.5-IN)	
	31	1	4F-8711	2	BUTTON-PLUG	
M	32	1	5C-2890	4	NUT (M6X1-THD)	
	33	2	6D-5801	2	LOCKNUT (8-32-THD)	
	34	2	6V-5645	4	SCREW-MACHINE (10-32X0.87-IN)	

ELECTRICAL AND STARTING SYSTEM

223-8176 PANEL GP-FUSE (contd.)

i02954246

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	35	2	6V-5683	4	BOLT (M6X1X16-MM)						
	36	2	7K-1181	3	STRAP-CABLE						
	37	2	7U-4892	2	SCREW (8-32X0.75-IN)						
M	38	1	7X-2548	2	BOLT (M12X1.75X16-MM)						
M	39	2	8T-0267	3	BOLT-SOCKET HEAD (M6X1X12-MM)						
	40	1, 2	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)						
M	41	2	8T-4136	1	BOLT (M10X1.5X25-MM)						
M	42	1	8T-4191	2	BOLT (M10X1.5X16-MM)						
M	43	1	8T-4199	2	BOLT (M8X1.25X12-MM)						
M	44	1	8T-4200	2	BOLT (M8X1.25X16-MM)						
	45	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						
	46	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)						
M	47	1, 2	9X-2042	15	SCREW-TRUSS HEAD (M6X1X12-MM)						
	48	1	9X-8256	4	WASHER (6.6X12X2-MM THK)						
E	49	2	6V-9023		TUBE-HEAT SHRINK (12.7-MM DIA) (5-CM)						
	50	1	9R-6247	1	STRAP-CABLE						

E-ORDER BY THE CENTIMETER

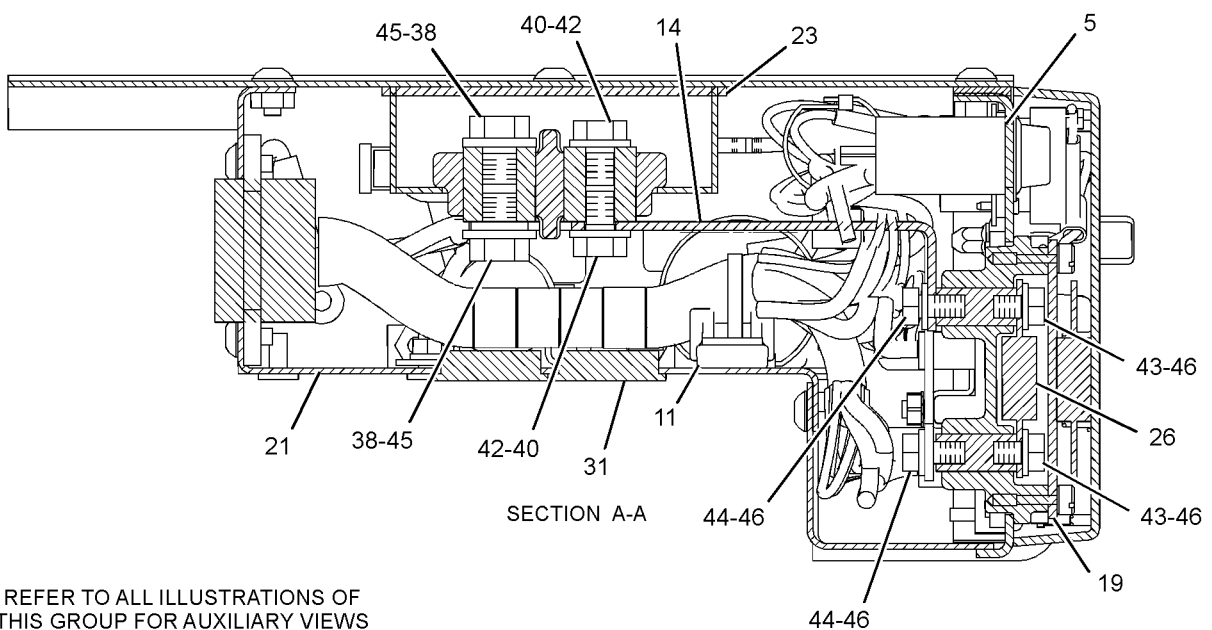
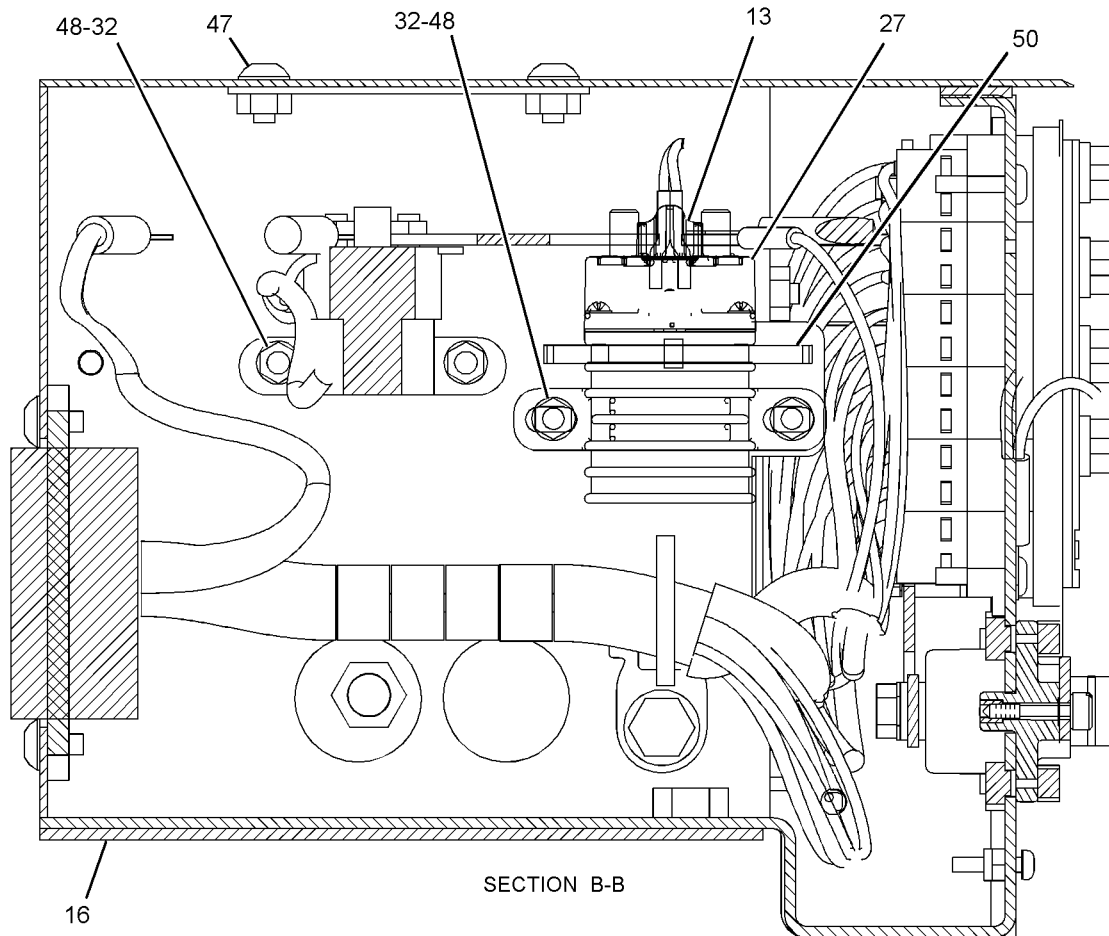
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

223-8176 PANEL GP-FUSE (contd.)

i02954246



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

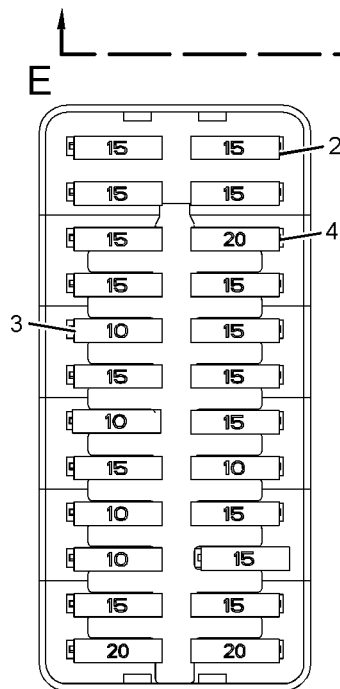
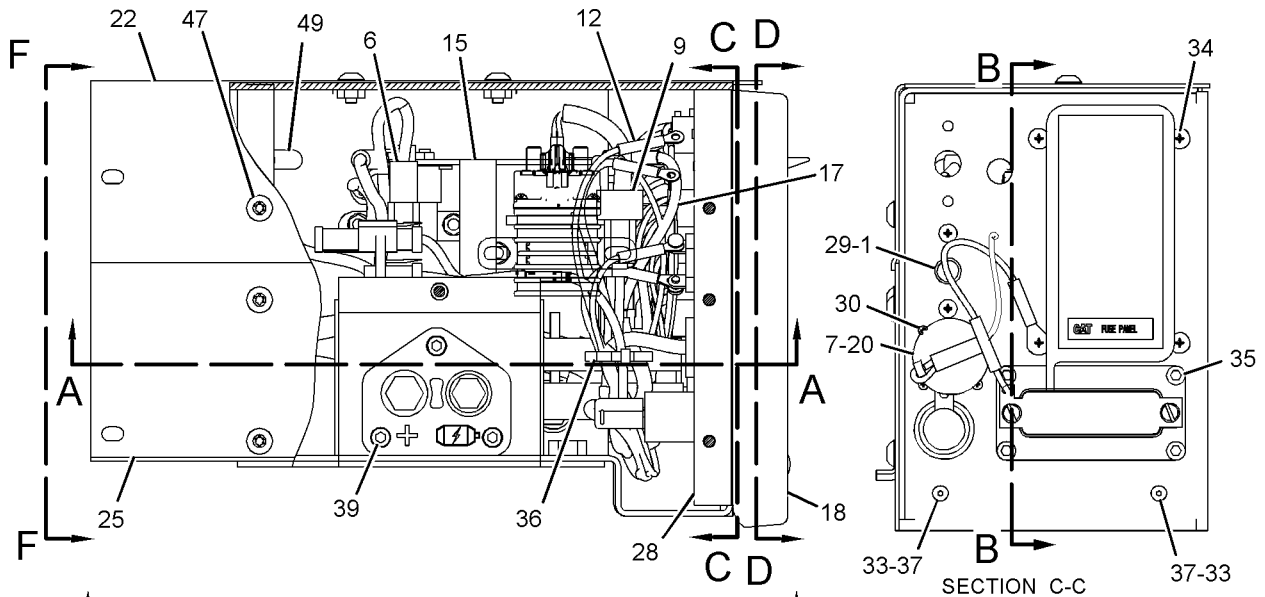
GRAPHIC #1

g01311425

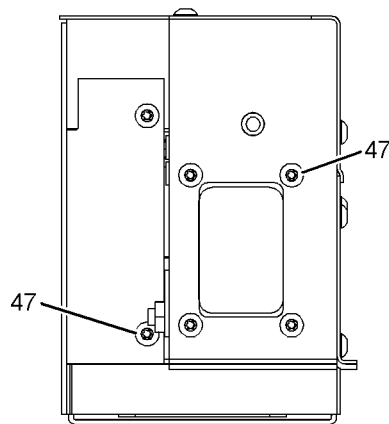
ELECTRICAL AND STARTING SYSTEM

223-8176 PANEL GP-FUSE (contd.)

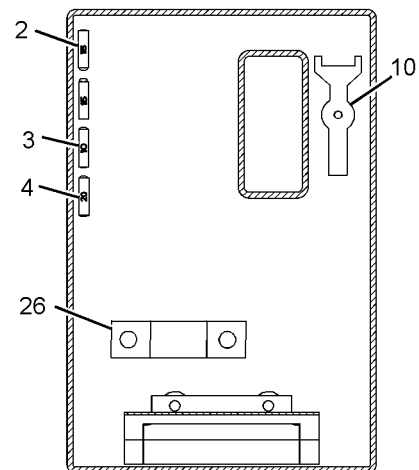
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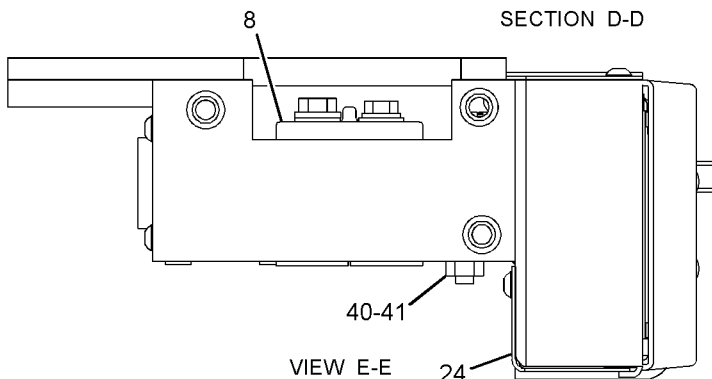
VIEW OF FUSE LOCATIONS



VIEW F-F



SECTION D-D



VIEW E-E

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

ELECTRICAL AND STARTING SYSTEM

263-9088 RADIO GP-COMMUNICATION-PRODUCT LINK 121SR

S/N: RJG1-UP

**PART OF 255-4206 INSTALLATION GP-COMMUNICATION
AN ATTACHMENT**

SMCS-733T

i03121722

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

ELECTRICAL AND STARTING SYSTEM

248-2921 RESISTOR GP-CAB HEATER

S/N: RJG1-1839

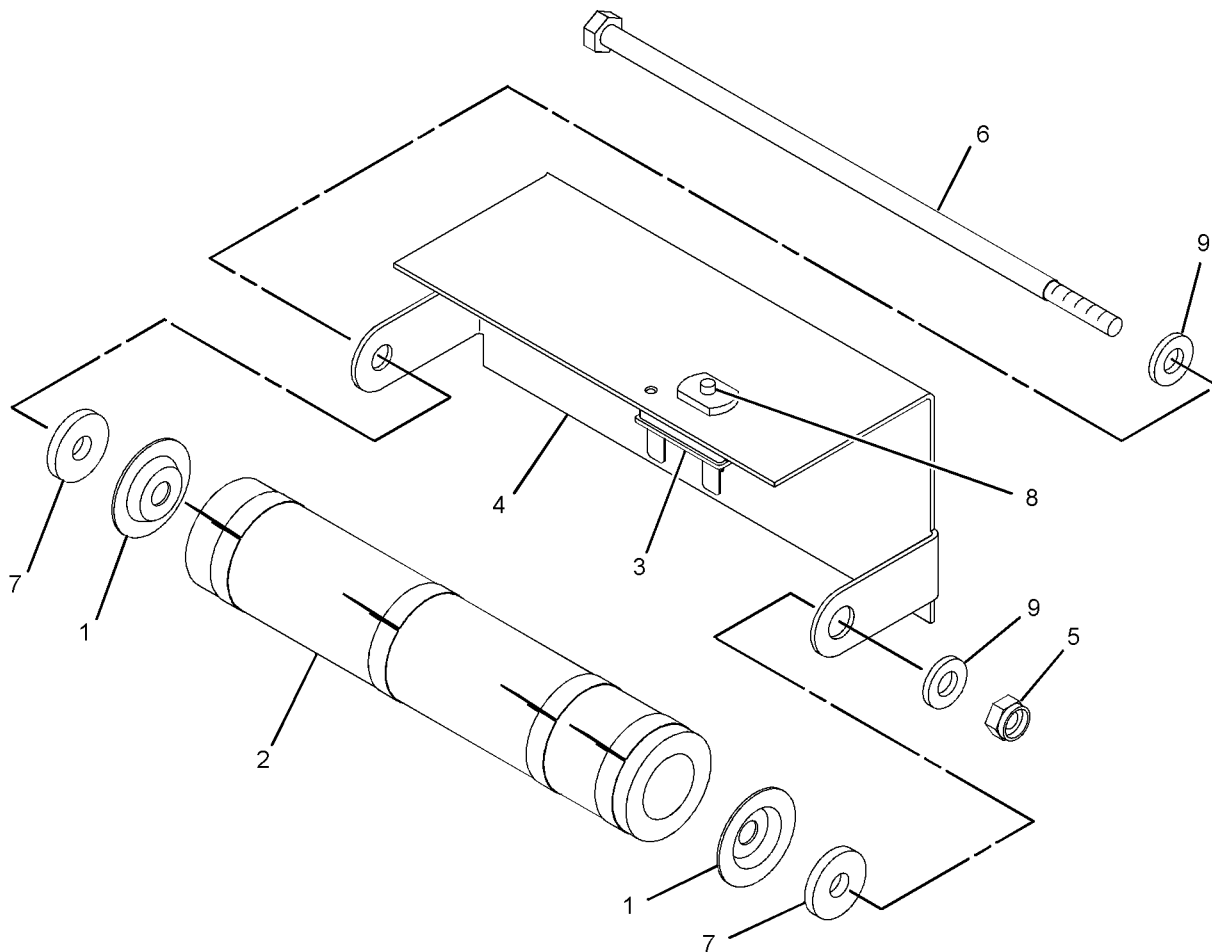
PART OF 205-3645 HEATER GP-CAB

SMCS-1437, 7304

i02335506

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6T-6708	2	WASHER (7X28.6X4.1-MM THK)						
	2	1	125-9740	1	RESISTOR						
	3	1	133-9012	1	FUSE (15-AMPERE)						
	4	1	248-2922	1	BRACKET AS						
M	5	1	129-3178	1	LOCKNUT (M6X1 THD)						
M	6	1	141-9784	1	BOLT (M6X1X190-MM)						
	7	1	6V-1668	2	WASHER (6.5X29.1X3-MM THK)						
M	8	1	8C-7581	1	SCREW-MACHINE (M4X0.7X8-MM)						
	9	1	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01166051

ELECTRICAL AND STARTING SYSTEM

326-4808 SENSOR & MTG GP-GROUND SPEED-AUTO CARRY

S/N: RJG1-UP

PART OF 326-9434 CONTROL AR-HYDRAULIC
AN ATTACHMENT

SMCS-7493

i03420320

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5V-6103	1	SPACER (14.27X22.23X70-MM THK)						
	2	1	8T-9655	8	MOUNT-ISOLATION						
	3	1	8T-9658	4	SPACER (8.2X12.7X25.4-MM THK)						
	4	1	111-6821	4	SPACER (10.5X16X8-MM THK)						
Y	5	1	209-1280	1	SENSOR GP-GROUND SPEED (RADAR)						449
	6	1	222-7881	1	SWITCH AS-ROCKER (AUTO CARRY)						
	7	1	259-2988	1	PLATE						
	8	1	308-9707	1	PLATE						
	9	1	322-8264	1	BRACKET AS						
	10	1	326-9492	1	HARNESS AS-SENSOR						
M	11	1	136-4183	6	BOLT-12 POINT HEAD (M10X1.5X30-MM)						
	12	1	202-2762	1	CLIP						
	13	1	249-5648	1	SENSOR-ANGLE (AS420C)						
	14	1	4P-7429	1	CLIP						
	15	1	4P-8134	3	CLIP						
	16	1	5P-4116	5	WASHER-HARD (8.8X20.5X2-MM THK)						
	17	1	7K-1181	11	STRAP-CABLE						
M	18	1	7X-0465	4	BOLT (M6X1X100-MM)						
	19	1	7X-0605	1	WASHER-HARD (13X28X1.6-MM THK)						
M	20	1	7X-0818	4	BOLT (M8X1.25X45-MM)						
	21	1	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)						
M	22	1	8T-4133	2	NUT (M10X1.5-THD)						
M	23	1	8T-4176	1	BOLT (M12X1.75X90-MM)						
M	24	1	8T-4179	2	BOLT (M12X1.75X20-MM)						
M	25	1	8T-4195	4	BOLT (M10X1.5X30-MM)						
	26	1	8T-4205	4	WASHER-HARD (7.2X14.5X2-MM THK)						
	27	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						

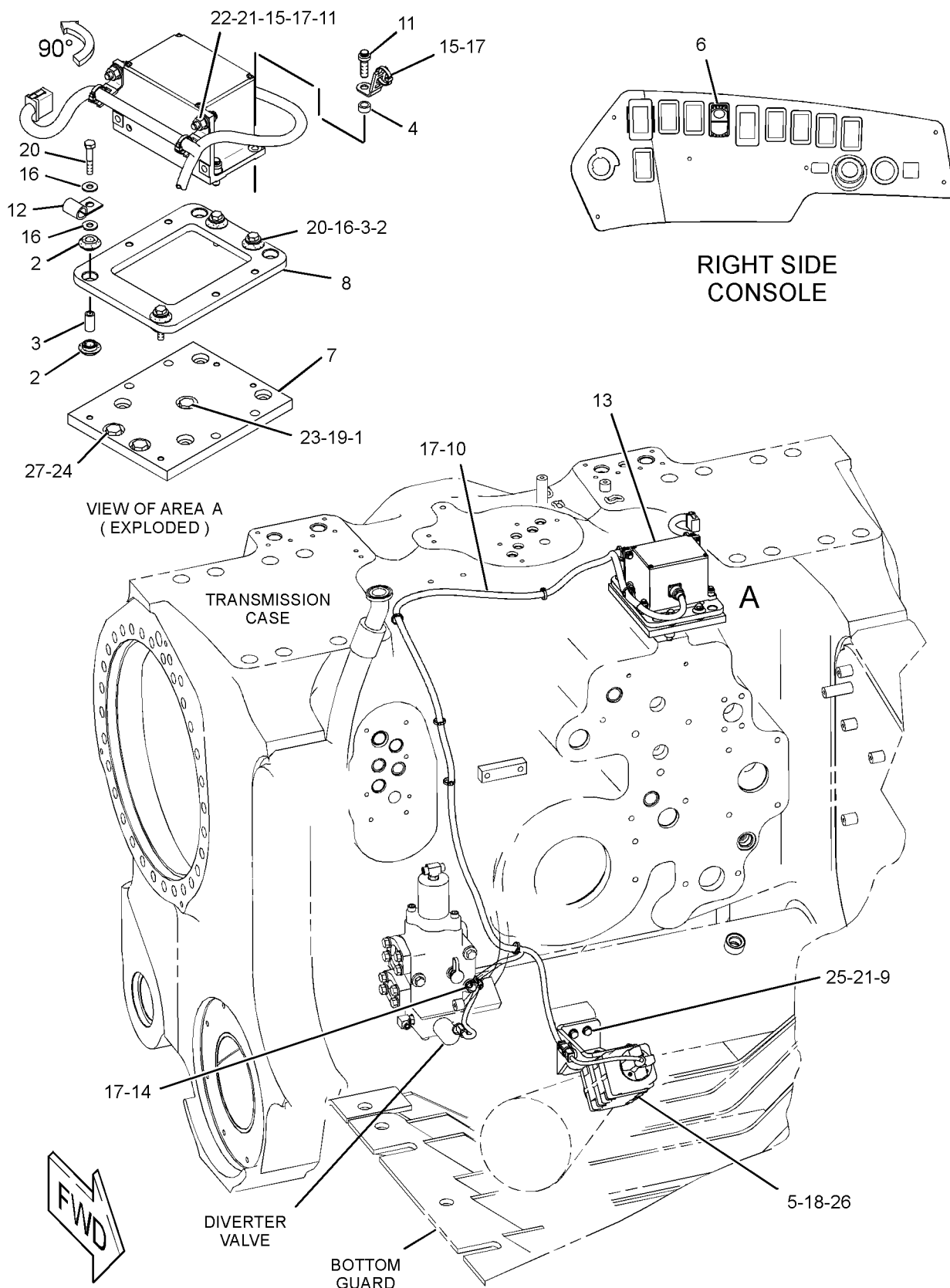
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

326-4808 SENSOR & MTG GP-GROUND SPEED (contd.)

i03420320



GRAPHIC #1

<END>

g01833793

ELECTRICAL AND STARTING SYSTEM

235-8210 SENSOR GP-ENGINE

S/N: EHX1-UP

PART OF 212-2737, 212-2744, 271-2219, 271-2220 ENGINE AR-COMPLETE
ALSO AN ATTACHMENT

SMCS-1000, 1718, 1906, 1907, 1912, 1917, 1923,
1924, 1925, 1928, 1929, 7400, 7422

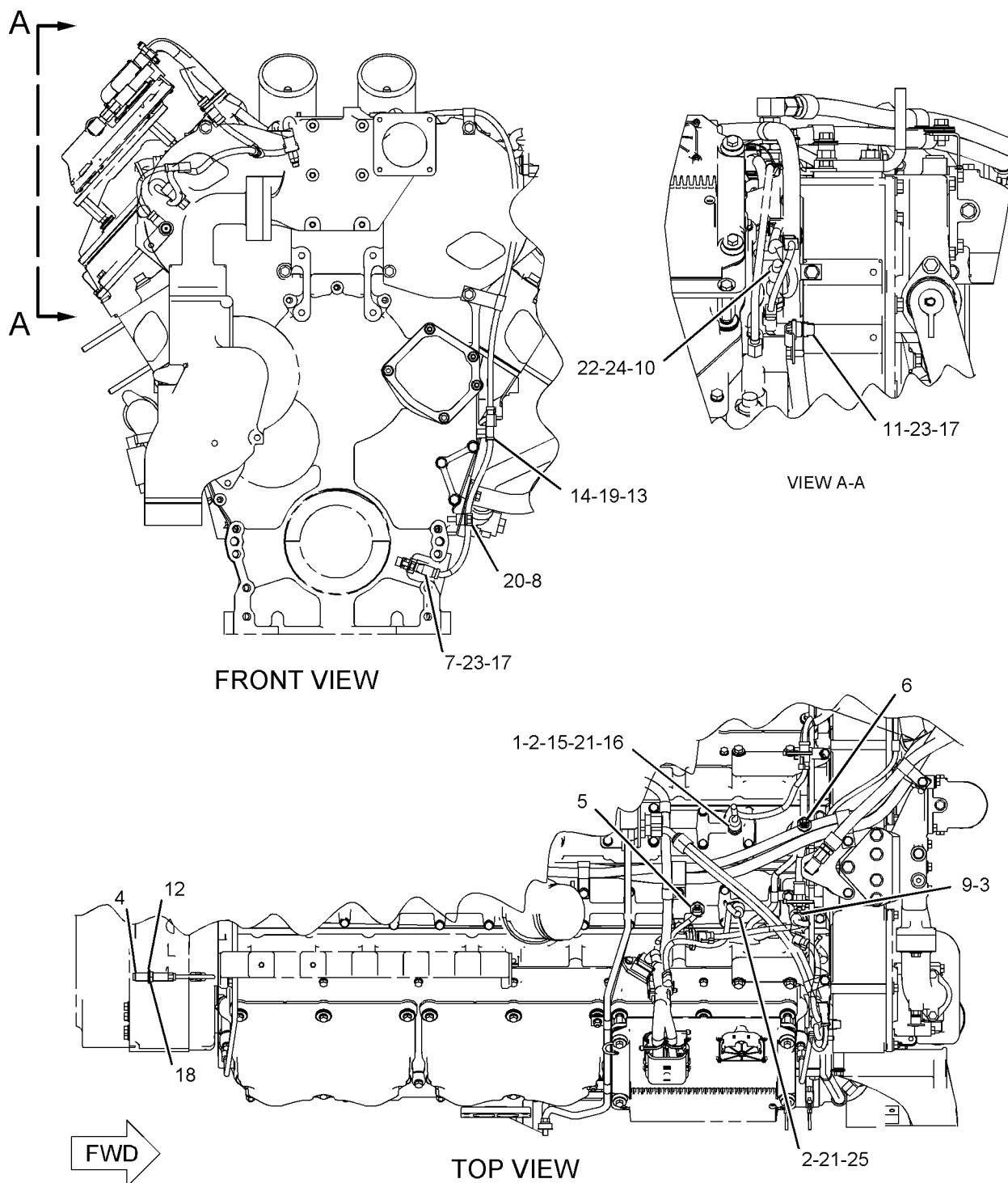
i02044829

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8K-4739	1	ADAPTER (STRAIGHT THREAD-0 RING)						
	2	1	9X-0262	2	ADAPTER						
	3	1	125-5835	1	PLUG-FELT (ATMOSPHERIC PRESSURE SENSOR)						
Y	4	1	189-5746	1	SENSOR GP-SPEED (ENGINE)						463
Y	5	1	197-8391	1	SENSOR GP-TEMPERATURE (INTAKE AIR)						470
Y	6	1	197-8392	1	SENSOR GP-TEMPERATURE (COOLANT)						472
Y	7	1	230-7149	1	SENSOR GP-SPEED (CRANK GEAR)						466
Y	8	1	239-1466	1	CONNECTION GP-ELECTRICAL						370
Y	9	1	239-2395	1	SENSOR GP-PRESSURE (ATMOSPHERIC)						460
Y	10	1	239-2396	1	SENSOR GP-PRESSURE (ENGINE OIL)						461
Y	11	1	239-2397	1	SENSOR GP-SPEED (CAM GEAR)						467
	12	1	249-8550	1	SEAL						
	13	1	0S-0509	1	BOLT (3/8-16X0.75-IN)						
	14	1	130-5300	1	CLIP						
	15	1	136-7227	1	SEAL-O-RING						
Y	16	1	240-2035	1	SENSOR GP-PRESSURE (LEFT INTAKE AIR)						462
	17	1	2H-3755	2	BOLT (5/16-18X0.43-IN)						
	18	1	4N-3329	1	WASHER (16.25X25.65X0.79-MM)						
	19	1	5M-2894	1	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	20	1	6V-3265	1	CLIP						
	21	1	6V-5048	2	SEAL-O-RING						
	22	1	6V-5049	1	SEAL-O-RING						
	23	1	9M-1974	2	WASHER-HARD (8.8X16X2-MM THK)						
	24	1	9X-0261	1	ADAPTER						
Y	25	1	240-2035	1	SENSOR GP-PRESSURE (RIGHT INTAKE AIR)						462
Y-SEPARATE ILLUSTRATION											

ELECTRICAL AND STARTING SYSTEM

235-8210 SENSOR GP-ENGINE (contd.)

i02044829



GRAPHIC #1

<END>

g01051814

ELECTRICAL AND STARTING SYSTEM

235-8210 SENSOR GP-ENGINE

S/N: EHX2581-UP

PART OF 271-2219, 271-2220 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1000, 1718, 1906, 1907, 1912, 1917, 1923,
1924, 1925, 1928, 1929, 7400, 7422

i02775492

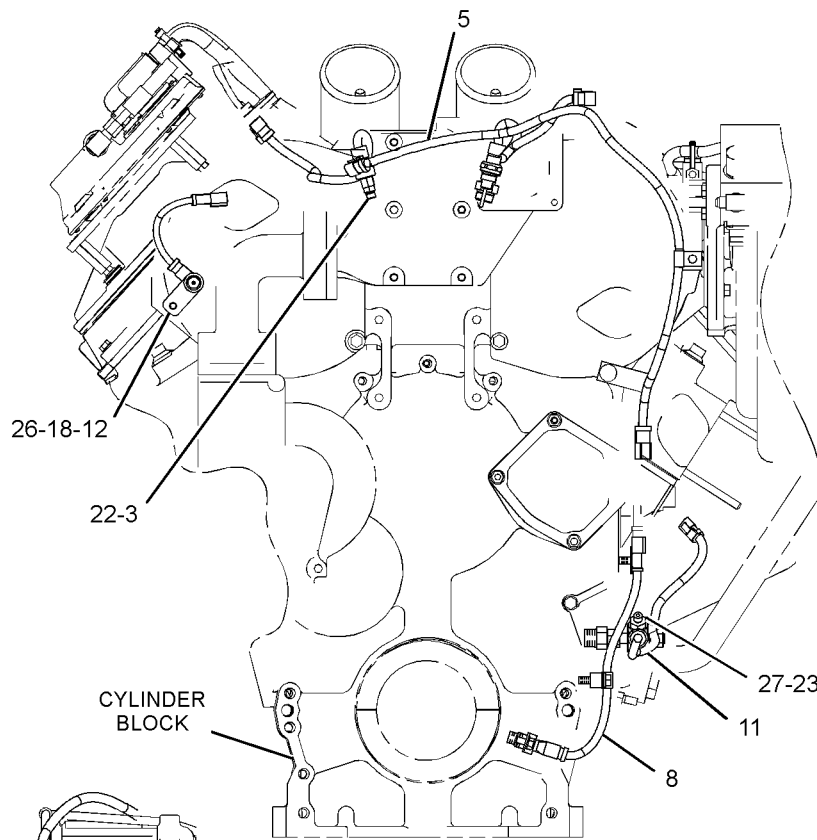
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8K-4739	1	ADAPTER (STRAIGHT THREAD-O RING)						
C	2	1	8T-8902	1	TEE						
	3	1	9X-0262	2	ADAPTER						
	4	1	125-5835	1	PLUG-FELT (ATMOSPHERIC PRESSURE SENSOR)						
C	5	1	132-3144	1	HARNESS AS-WIRING (JUMPER)						
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
E		1	9X-1813		SLEEVE (95-CM)						
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
Y	6	1	197-8391	1	SENSOR GP-TEMPERATURE (INTAKE AIR)						470
Y	7	1	197-8392	1	SENSOR GP-TEMPERATURE (COOLANT)						472
Y	8	1	230-7149	1	SENSOR GP-SPEED (CRANK GEAR)						466
Y	9	1	239-1466	1	CONNECTION GP-ELECTRICAL						370
Y	10	1	239-2395	1	SENSOR GP-PRESSURE (ATMOSPHERIC)						460
Y	11	1	239-2396	1	SENSOR GP-PRESSURE (ENGINE OIL)						461
Y	12	1	239-2397	1	SENSOR GP-SPEED (CAM GEAR)						467
	13	1	0S-0509	1	BOLT (3/8-16X0.75-IN)						
	14	1	130-5300	1	CLIP						
	15	1	136-7227	1	SEAL-O-RING						
C	16	1	148-8319	1	CONNECTOR AS						
		1	2M-9780	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8715	1	CONNECTOR						
Y	17	1	240-2035	1	SENSOR GP-PRESSURE (LEFT INTAKE AIR)						462
	18	1	2H-3755	2	BOLT (5/16-18X0.43-IN)						
	19	1	5M-2894	1	WASHER-HARD (10.2X18.5X2.5-MM THK)						
C	20	1	5P-9085	1	CLIP						
	21	1	6V-3265	1	CLIP						
	22	1	6V-5048	2	SEAL-O-RING						
	23	1	6V-5049	1	SEAL-O-RING						
C	24	1	6V-8397	1	SEAL-O-RING						
C	25	1	6V-9829	1	CAP AS						
	26	1	9M-1974	2	WASHER-HARD (8.8X16X2-MM THK)						
	27	1	9X-0261	1	ADAPTER						
Y	28	1	240-2035	1	SENSOR GP-PRESSURE (RIGHT INTAKE AIR)						462

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

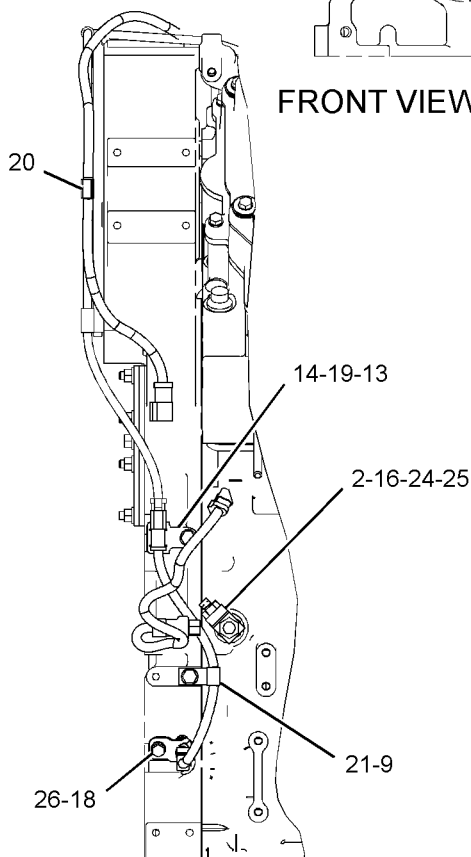
ELECTRICAL AND STARTING SYSTEM

235-8210 SENSOR GP-ENGINE (contd.)

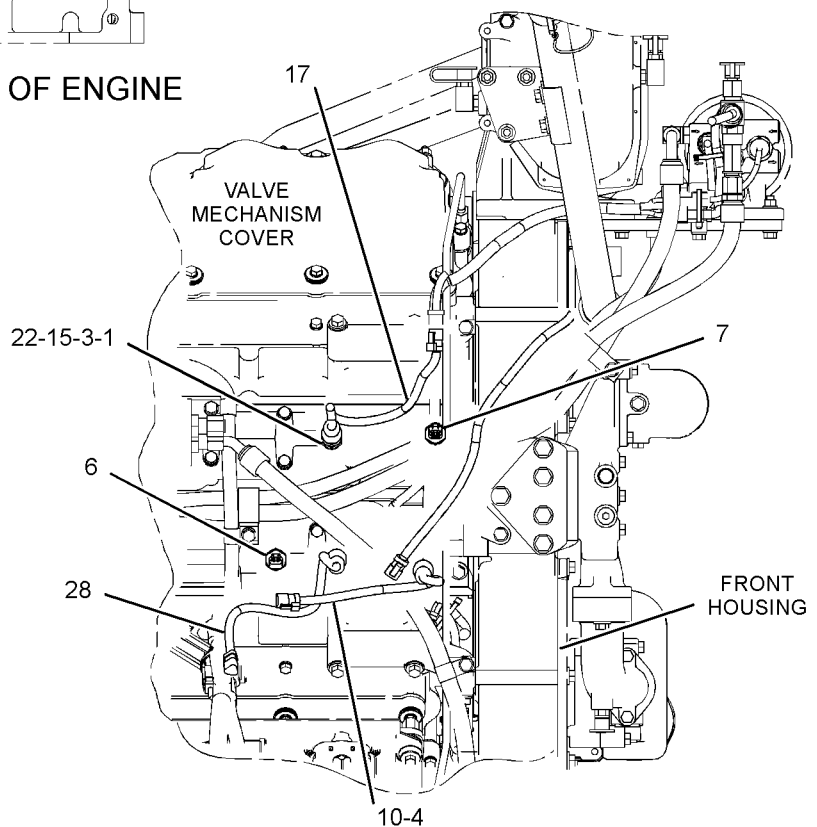
i02775492



FRONT VIEW OF ENGINE



LEFT SIDE VIEW OF ENGINE



TOP VIEW OF ENGINE

GRAPHIC #1

<END>

g01418289

ELECTRICAL AND STARTING SYSTEM

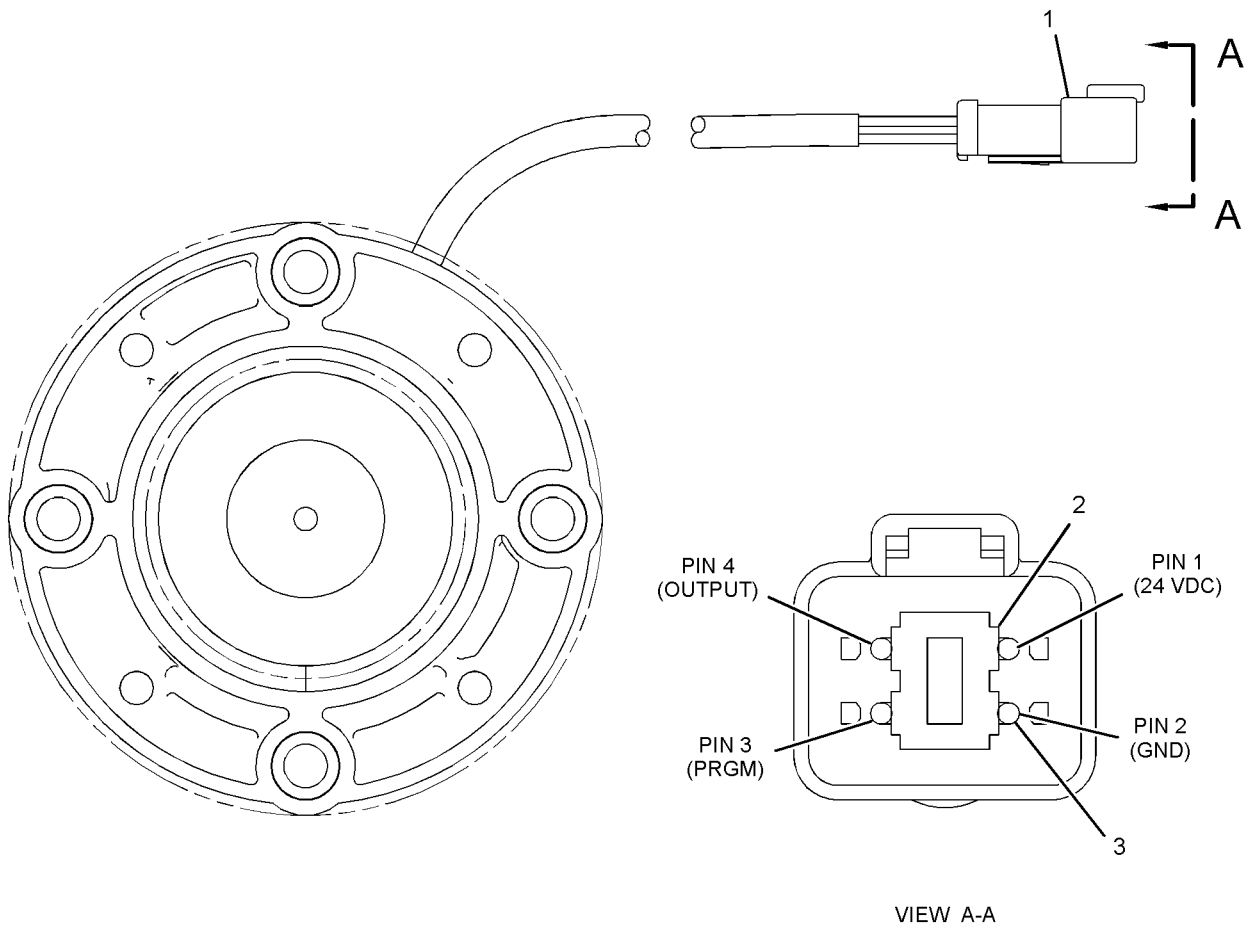
124-9325 SENSOR GP-FUEL LEVEL

S/N: RJG1-999, 1100-1110, 1211-UP
PART OF 213-7003 BATTERY & WIRING GP

SMCS-1273, 7481

i02787701

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



GRAPHIC #1

<END>

g01392955

ELECTRICAL AND STARTING SYSTEM

303-6341 SENSOR GP-FUEL LEVEL

S/N: RJG1000-1099, 1111-UP

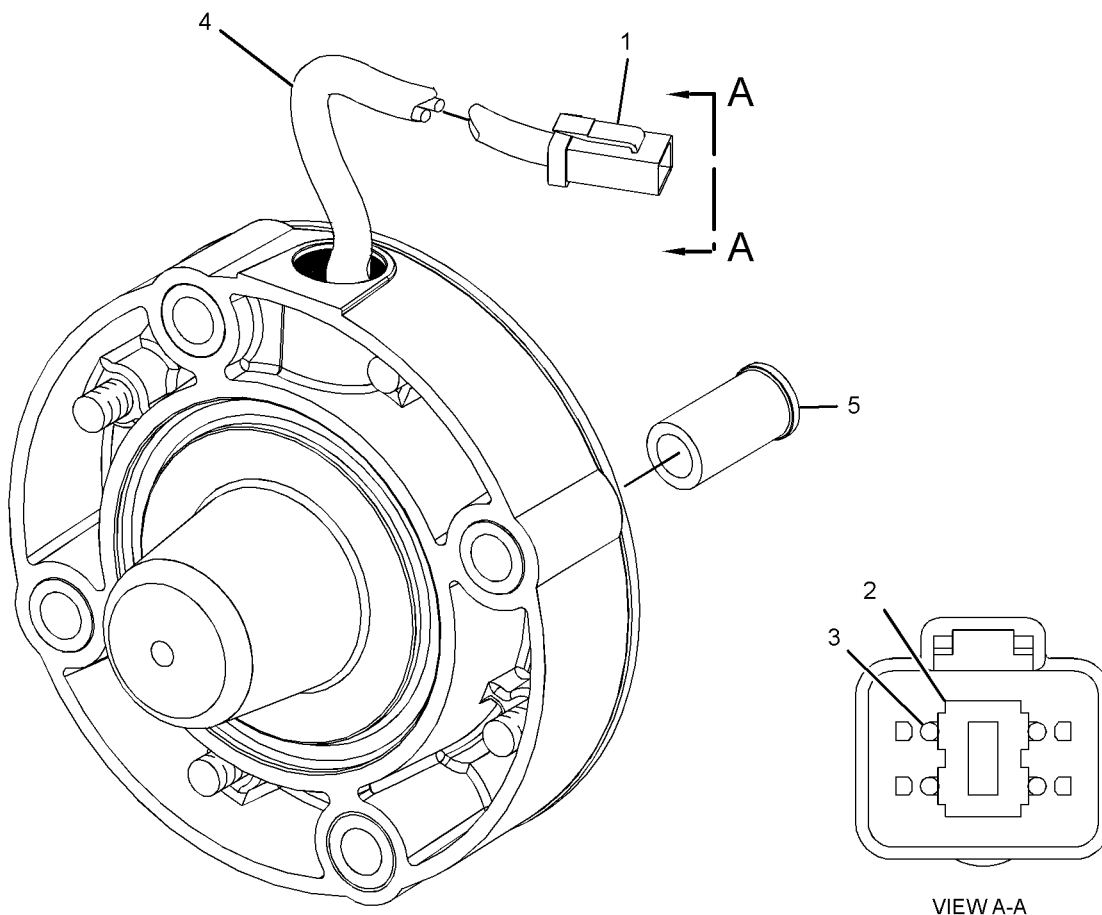
PART OF 213-7003 BATTERY & WIRING GP

SMCS-1273, 7481

i02962616

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	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)						
E	4	1	9X-1813		SLEEVE (40-CM)						
	5	1	311-2124	4	SPACER-SPECIAL						

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g01514276

ELECTRICAL AND STARTING SYSTEM

209-1280 SENSOR GP-GROUND SPEED

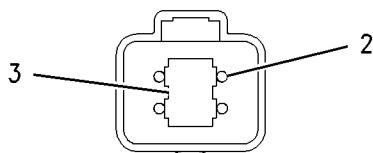
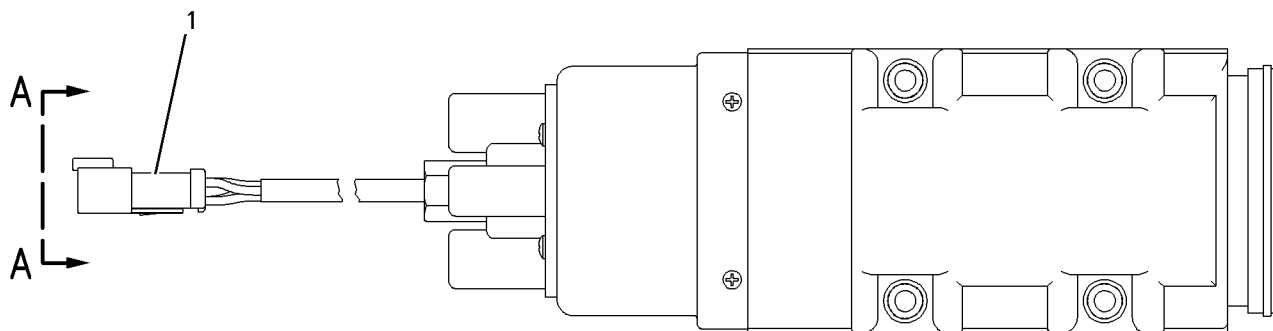
S/N: RJG1-UP

PART OF 326-4808 SENSOR & MTG GP-GROUND SPEED
AN ATTACHMENT

SMCS-7493

i01709466

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	102-8804	1	KIT-RECEPTACLE (4-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	2	1	186-3735	4	PIN-CONNECTOR (16-GA TO 18-GA)						
	3	1	3E-3377	1	WEDGE-RECEPTACLE LOCK (4-PIN)						



VIEW A-A

GRAPHIC #1

<END>

g00934271

ELECTRICAL AND STARTING SYSTEM

160-2443 SENSOR GP-POSITION

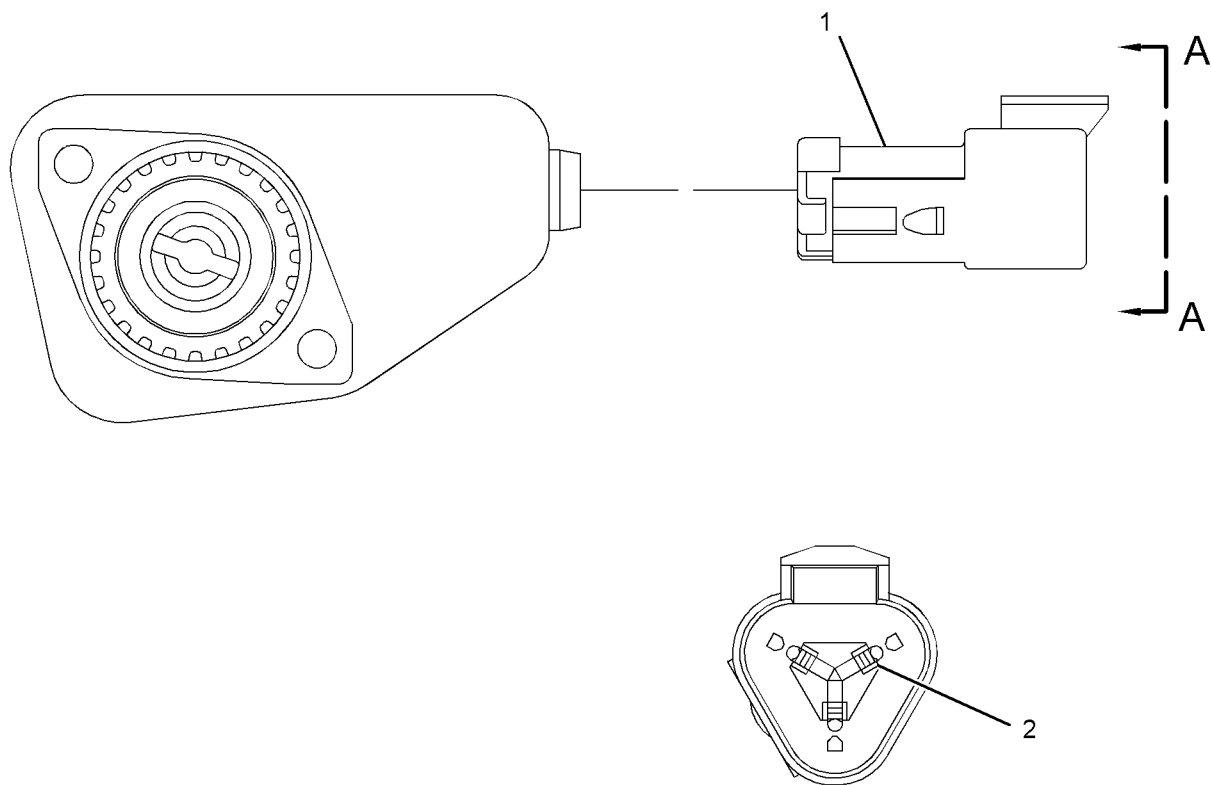
S/N: RJG1-UP

PART OF 263-3318 CONTROL & MTG GP-PEDAL, 212-0694 CONTROL GP-STEERING &
XMSN, 231-7314 PEDAL GP-GOVERNOR & BRAKE
FIELD REPLACEMENT ORDER 266-1467—PAGE 453
ALSO AN ATTACHMENT

SMCS-1905, 1911, 430S

i03543383

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



GRAPHIC #1

<END>

g01871473

ELECTRICAL AND STARTING SYSTEM

224-5530 SENSOR GP-POSITION

S/N: RJG1-UP

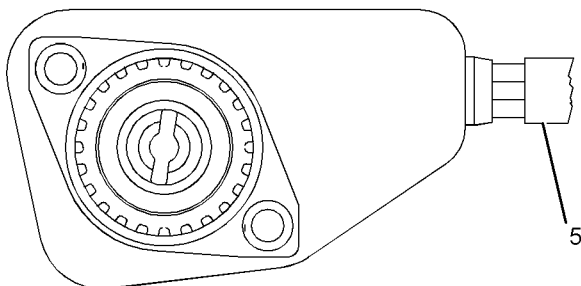
PART OF 263-3318 CONTROL & MTG GP-PEDAL, 231-7314 PEDAL GP-GOVERNOR & BRAKE
ALSO AN ATTACHMENT

SMCS-1905, 1911, 430S

i02241488

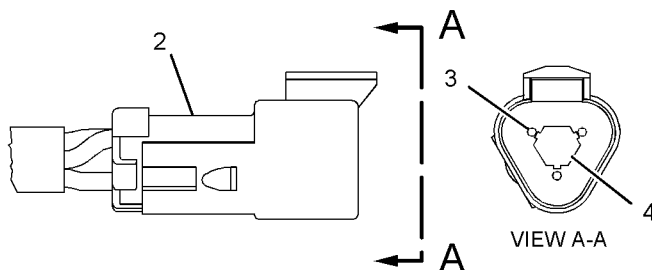
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	2	1	102-8803	1	KIT-RECEPTACLE (3-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
	3	1	8T-8729	3	PIN-CONNECTOR (16-GA TO 18-GA)	
	4	1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)	
E	5	1	9X-1813		SLEEVE (13-CM)	

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>



g01107385

ELECTRICAL AND STARTING SYSTEM

234-7689 SENSOR GP-POSITION-CYLINDER, RH

S/N: RJG1-1900

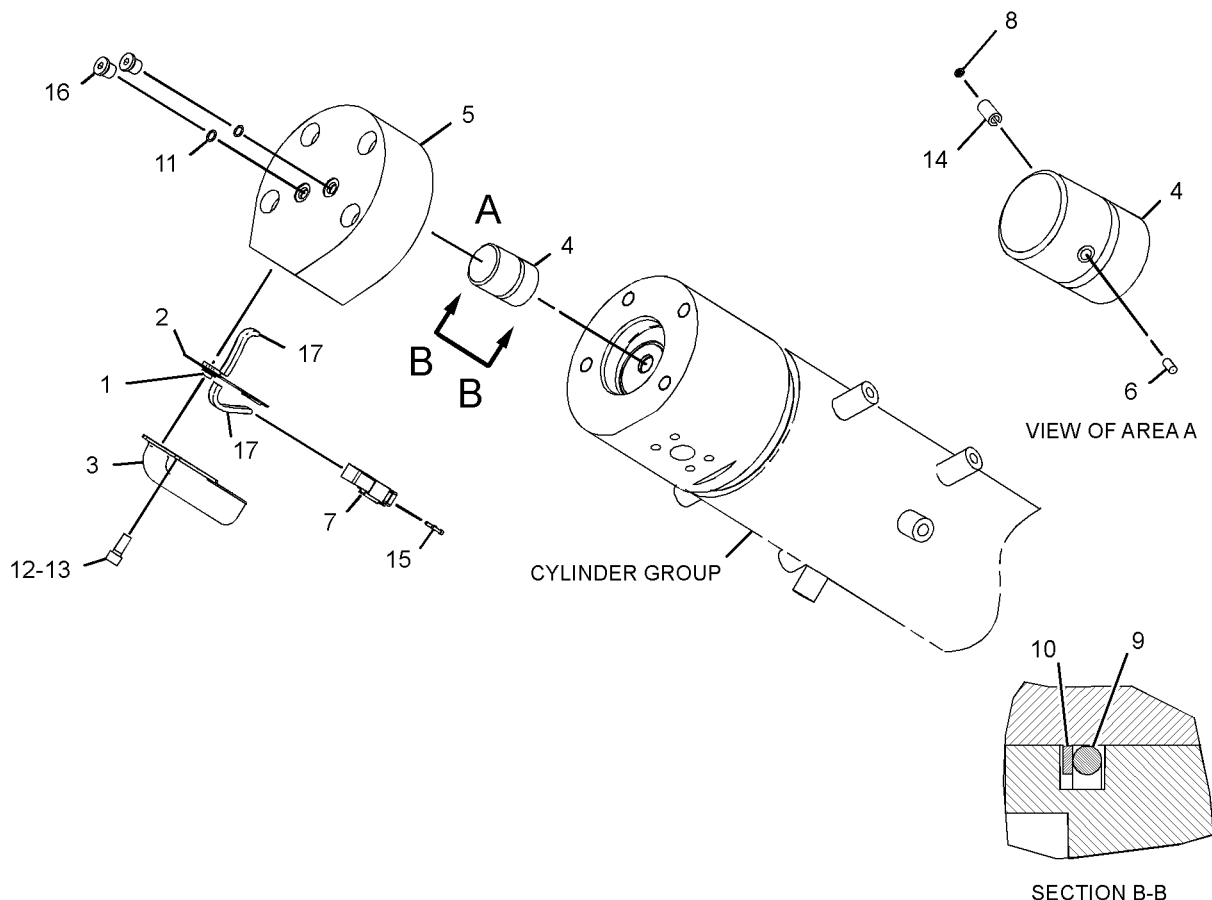
PART OF 234-9182 CYLINDER & SENSOR GP-LIFT
AN ATTACHMENT

SMCS-1905, 1911, 430S

i02634501

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	102-2244	1	GROMMET						
	2	1	212-0907	1	PLATE-CONNECTOR						
	3	1	217-8763	1	COVER-PROTECTION						
	4	1	231-4627	1	SENSOR GP-POSITION (CYLINDER, RH)						
		1	9X-3401	3	PIN-CONNECTOR (16-GA TO 18-GA)						
	5	1	276-4793	1	HOUSING-SENSOR						
	6	1	095-0879	1	PIN-SPRING						
	7	1	102-8804	1	KIT-RECEPTACLE (4-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	8	1	134-1375	1	SCREW-BUTTON HEAD (3/8-16X0.5-IN)						
	9	1	188-2199	1	SEAL-O-RING						
	10	1	215-1942	1	RING-BACKUP						
	11	1	3J-7354	2	SEAL-O-RING						
	12	1	3V-2431	2	WASHER (10.2X16X2-MM THK)						
	13	1	4S-5565	2	BOLT (3/8-16X0.875-IN)						
	14	1	8T-5070	1	SETSCREW-SOCKET (3/8-16X0.5-IN)						
	15	1	8T-8737	1	PLUG-SEAL						
	16	1	9S-8002	2	PLUG-O-RING (STRAIGHT THREAD O-RING)						
E	17	1	9X-1386		SLEEVE (15-CM)						

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g01324118

ELECTRICAL AND STARTING SYSTEM

266-1467 SENSOR GP-POSITION

S/N: RJG1-UP

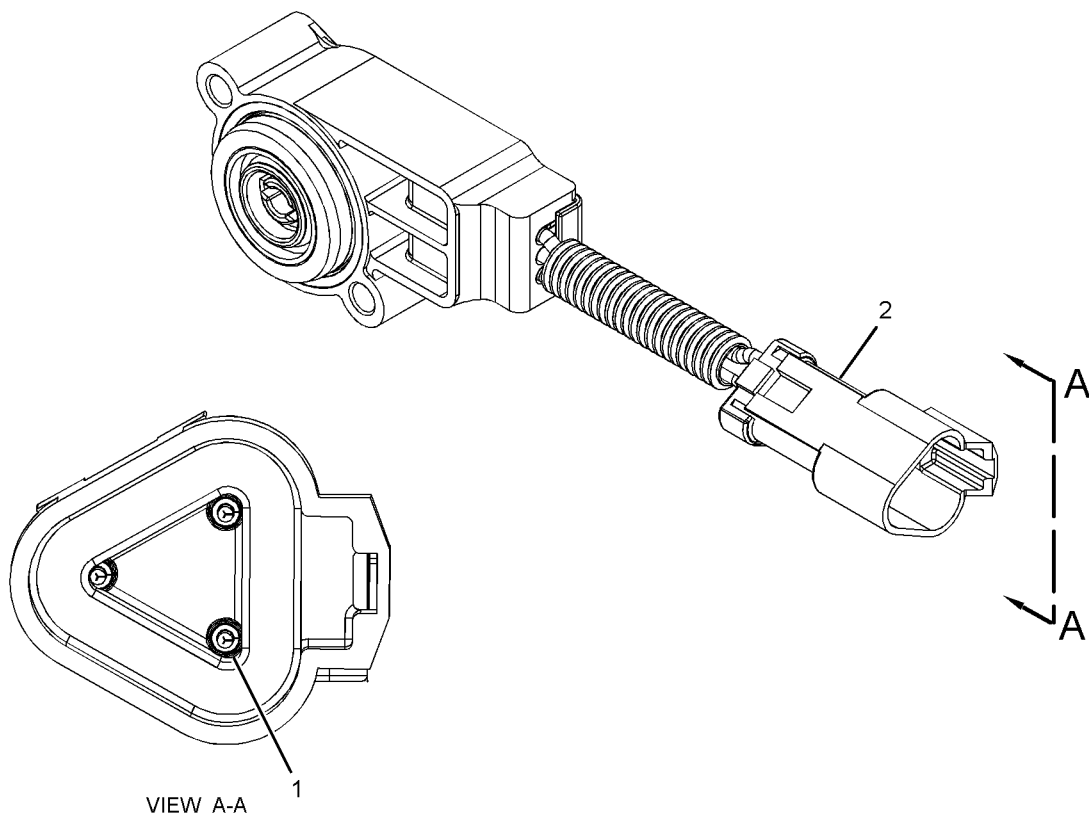
PART OF 263-3318 CONTROL & MTG GP-PEDAL, 212-0694 CONTROL GP-STEERING & XMSN
FIELD REPLACEMENT FOR 160-2443—PAGE 450

ALSO AN ATTACHMENT

SMCS-1905, 1911, 430S

i03371123

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	9X-3401	3	PIN-CONNECTOR (16-GA TO 18-GA)	
					—OR—	
		1	126-1767	3	PIN-CONNECTOR (14-GA)	
	2	1	102-8803	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	



GRAPHIC #1

<END>

g01740694

ELECTRICAL AND STARTING SYSTEM

331-6269 SENSOR GP-POSITION

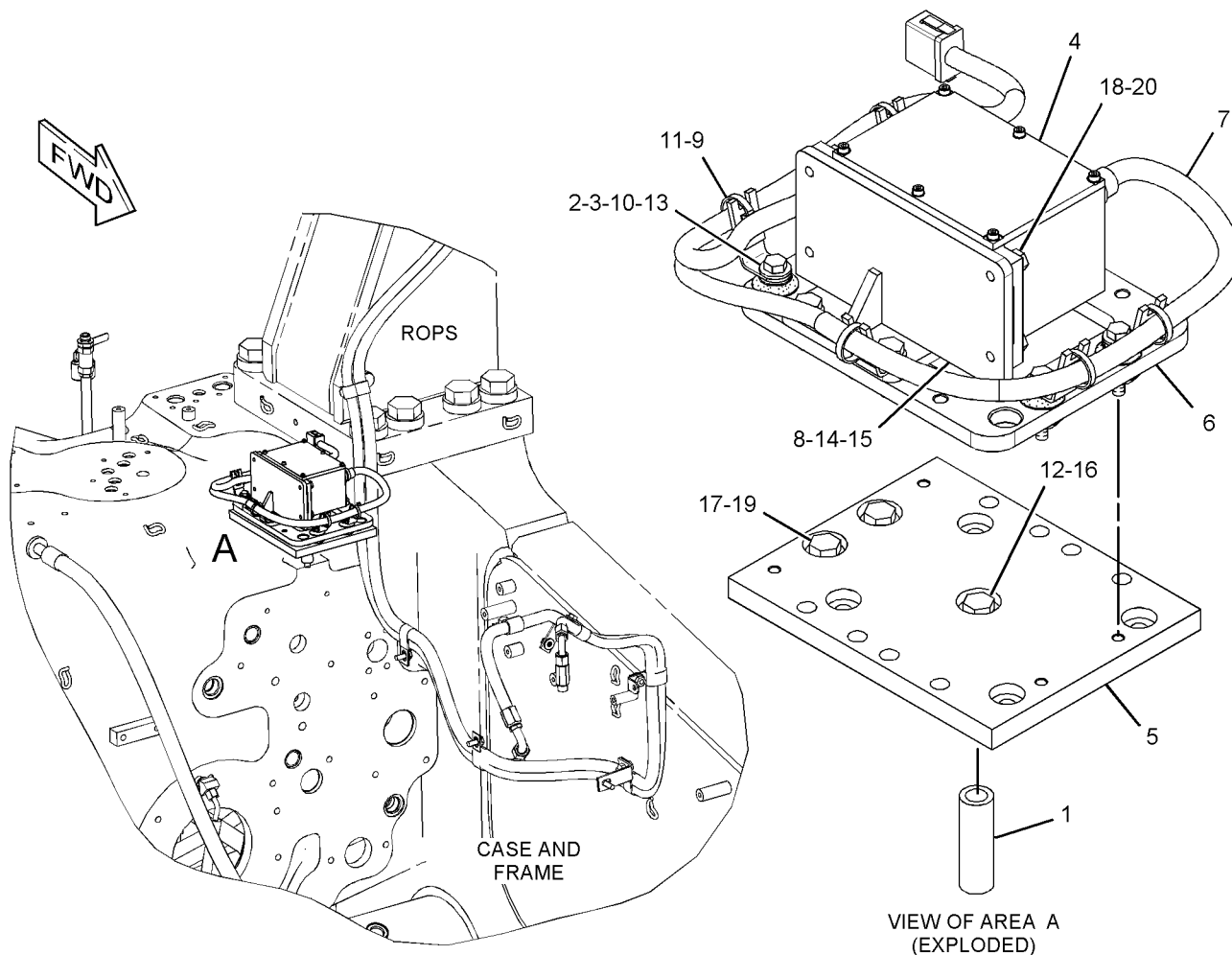
S/N: RJG1-UP
AN ATTACHMENT

SMCS-1905, 1911, 430S

i03480367

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	5V-6103	1	SPACER (14.27X22.23X70-MM THK)	
	2	1	8T-9655	8	MOUNT-ISOLATION	
	3	1	8T-9658	4	SPACER (8.2X12.7X25.4-MM THK)	
	4	1	249-5652	1	SENSOR AS-ANGLE (AS410TC)	
	5	1	259-2988	1	PLATE	
	6	1	308-9707	1	PLATE	
	7	1	316-3522	1	HARNESS AS-SENSOR	
	8	1	331-9724	1	PLATE AS	
	9	1	4P-8134	5	CLIP	
	10	1	5P-4116	8	WASHER-HARD (8.8X20.5X2-MM THK)	
	11	1	7K-1181	5	STRAP-CABLE	
	12	1	7X-0605	1	WASHER-HARD (13X28X1.6-MM THK)	
M	13	1	7X-0818	4	BOLT (M8X1.25X45-MM)	
	14	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)	
M	15	1	8T-4136	4	BOLT (M10X1.5X25-MM)	
M	16	1	8T-4176	1	BOLT (M12X1.75X90-MM)	
M	17	1	8T-4179	2	BOLT (M12X1.75X20-MM)	
M	18	1	8T-4189	4	BOLT (M8X1.25X20-MM)	
	19	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)	
	20	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)	

M-METRIC PART



GRAPHIC #1

<END>

g01825338

ELECTRICAL AND STARTING SYSTEM

161-9926 SENSOR GP-PRESSURE

S/N: RJG1-UP

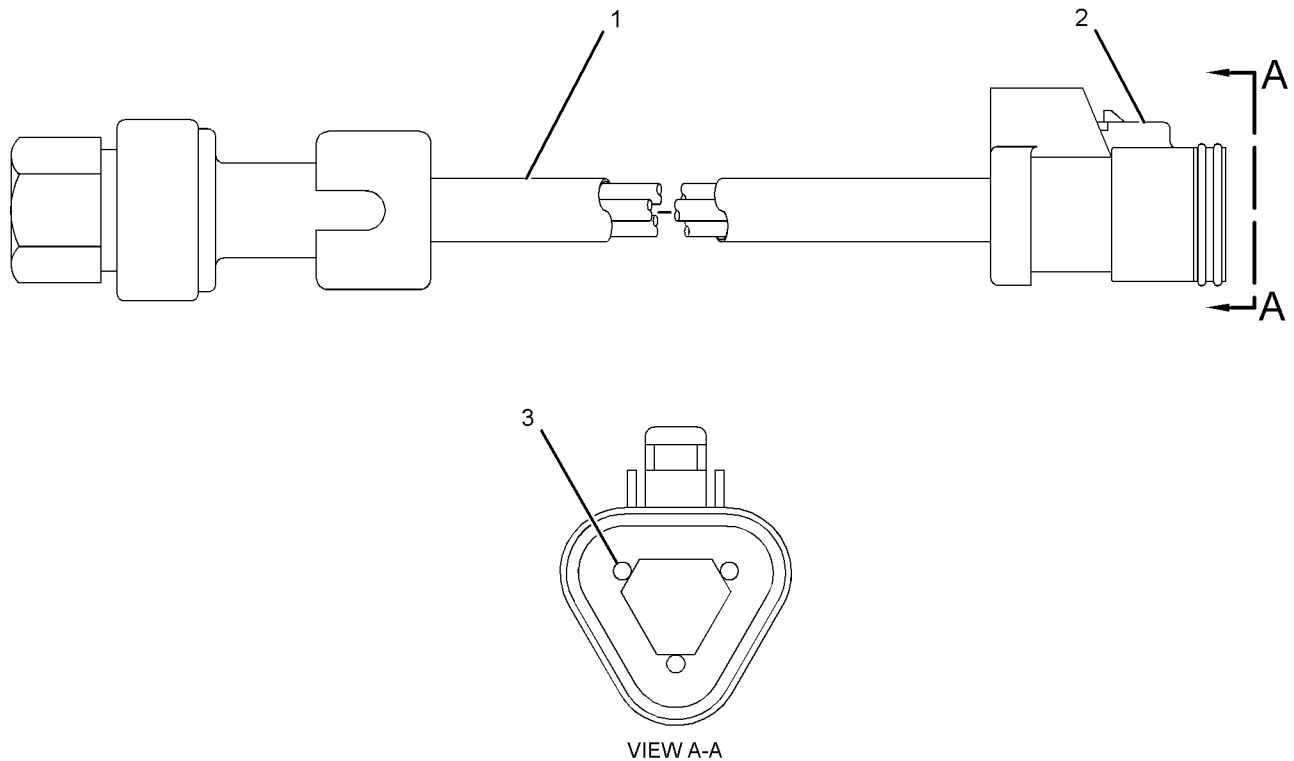
PART OF 213-7004 WIRING GP-ENGINE

SMCS-1718, 1916, 1917, 1923, 1924, 1925

i03480370

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
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	180-9340	3	SOCKET-CONNECTOR						

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g01820867

ELECTRICAL AND STARTING SYSTEM

194-6722 SENSOR GP-PRESSURE

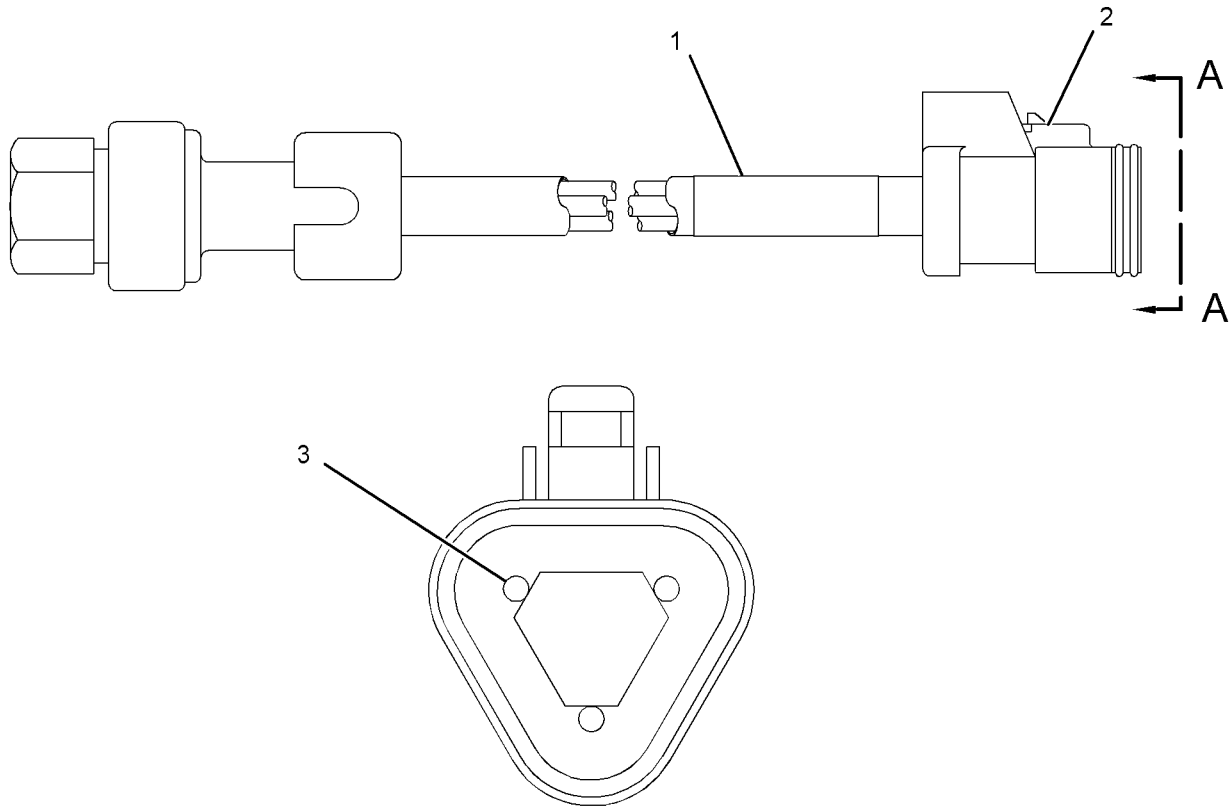
S/N: EHX1-UP

PART OF 239-2395 SENSOR GP-PRESSURE
ALSO AN ATTACHMENT

SMCS-1718, 1916, 1917, 1923, 1924, 1925

i03260203

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
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	180-9340	3	SOCKET-CONNECTOR						
E-ORDER BY THE CENTIMETER											



VIEW A-A

GRAPHIC #1

<END>

g01381175

ELECTRICAL AND STARTING SYSTEM

194-6724 SENSOR GP-PRESSURE

S/N: EHX1-UP

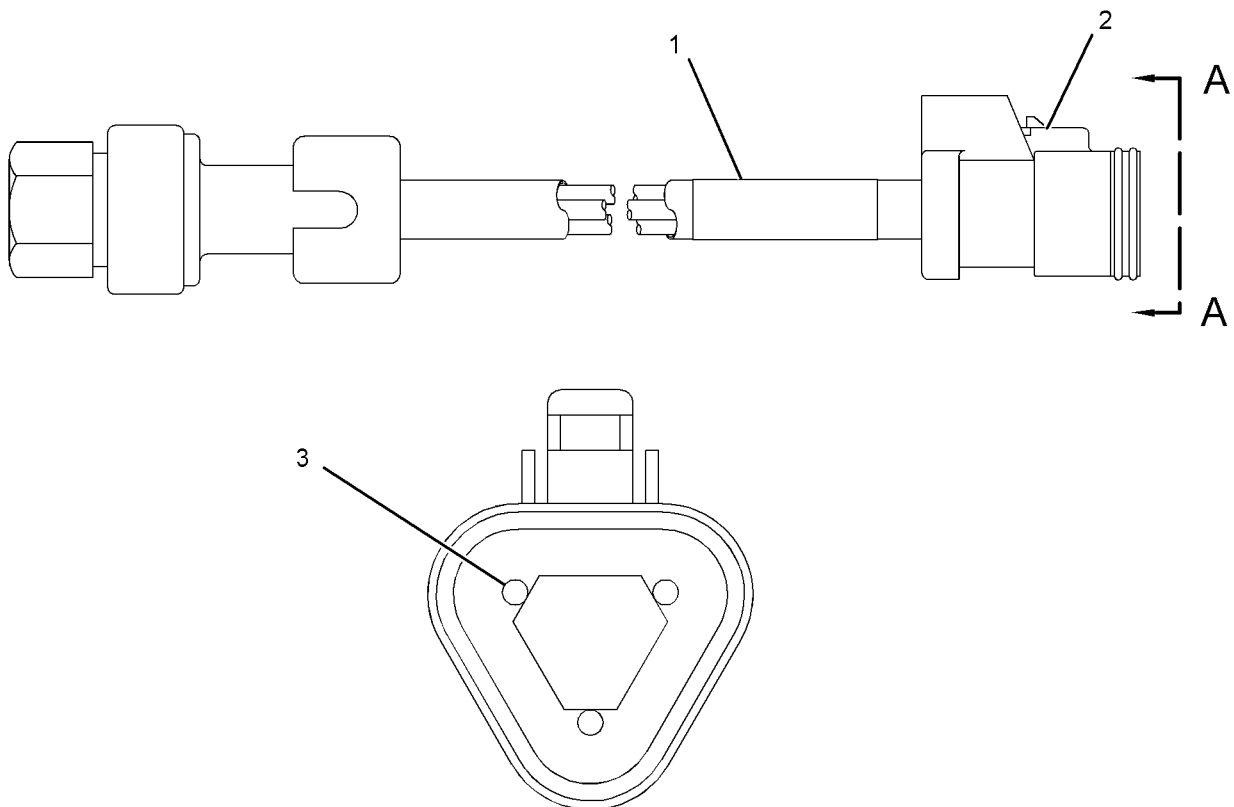
PART OF 240-2035 SENSOR GP-PRESSURE
ALSO AN ATTACHMENT

SMCS-1718, 1916, 1917, 1923, 1924, 1925

i03260181

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

E-ORDER BY THE CENTIMETER



VIEW A-A

GRAPHIC #1

<END>

g01662018

ELECTRICAL AND STARTING SYSTEM

194-6725 SENSOR GP-PRESSURE

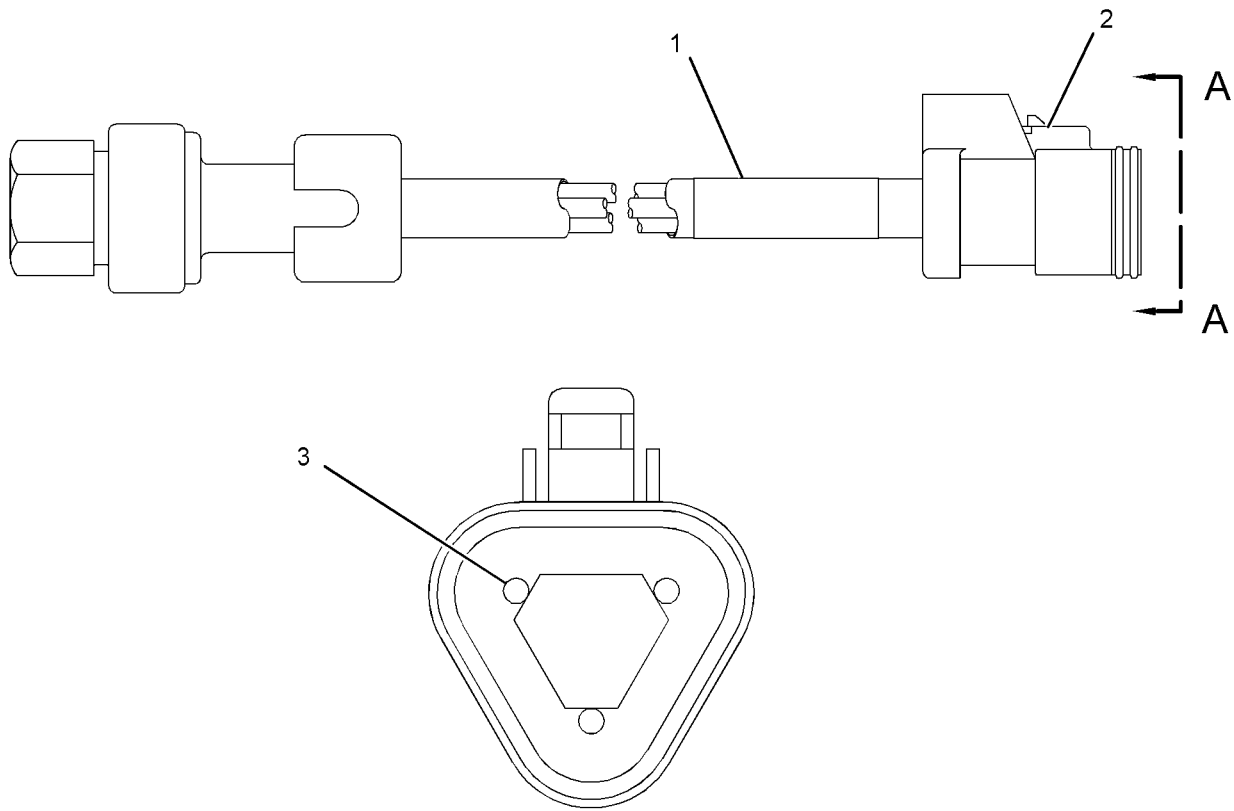
S/N: EHX1-UP

PART OF 239-2396 SENSOR GP-PRESSURE
ALSO AN ATTACHMENT

SMCS-1718, 1916, 1917, 1923, 1924, 1925

i03442070

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
E	1	1	9X-1813		SLEEVE (34-CM)						
	2	1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
					(INCLUDES PLUG AS, INTERFACE SEAL & WEDGE)						
	3	1	180-9340	3	SOCKET-CONNECTOR (14-GA TO 18-GA)						
E-ORDER BY THE CENTIMETER											



VIEW A-A

GRAPHIC #1

<END>

g01662003

ELECTRICAL AND STARTING SYSTEM

237-0957 SENSOR GP-PRESSURE

S/N: RJG1-UP

PART OF 213-7003 BATTERY & WIRING GP, 213-7004 WIRING GP-ENGINE

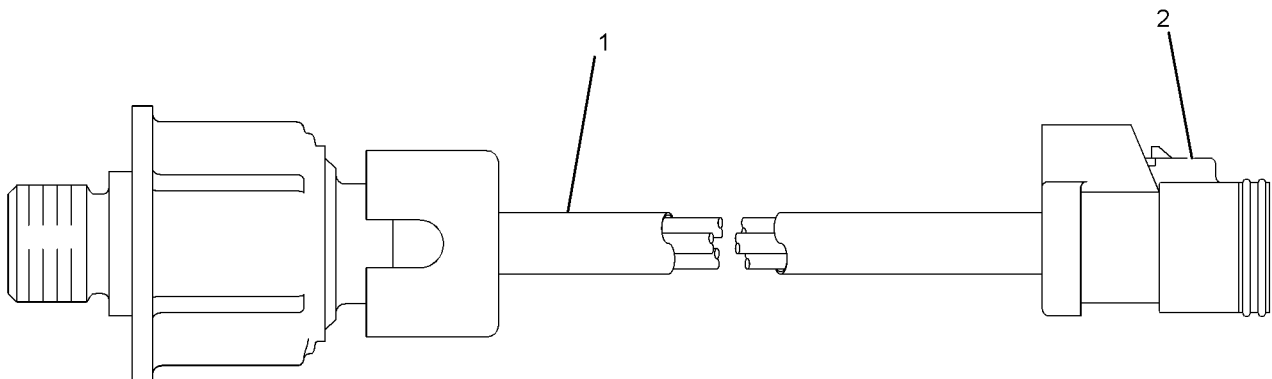
SMCS-1718, 1916, 1917, 1923, 1924, 1925

i03492300

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
BE	1	1	9X-1813		SLEEVE	
	2	1	155-2260	1	KIT-CONNECTING PLUG (3-PIN) (INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	

B-USE AS REQUIRED

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g01131622

ELECTRICAL AND STARTING SYSTEM

239-2395 SENSOR GP-PRESSURE

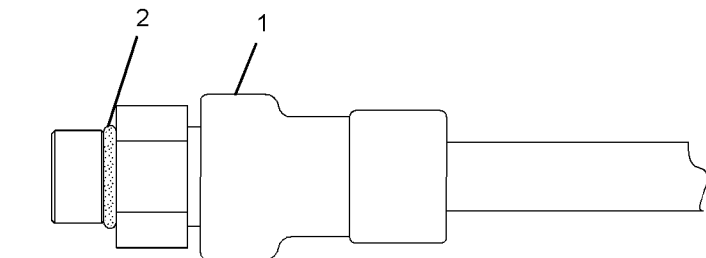
S/N: EHX1-UP

PART OF 235-8210 SENSOR GP-ENGINE
ALSO AN ATTACHMENT

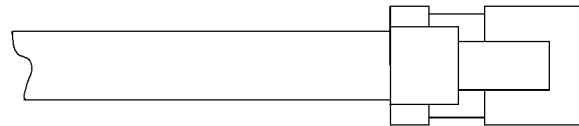
SMCS-1718, 1916, 1917, 1923, 1924, 1925

i02837580

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	194-6722	1	SENSOR GP - PRESSURE						456
	2	1	6V-5049	1	SEAL - O - RING						
Y-SEPARATE ILLUSTRATION											



<END>



g01019702

ELECTRICAL AND STARTING SYSTEM

239-2396 SENSOR GP-PRESSURE

S/N: EHX1-UP

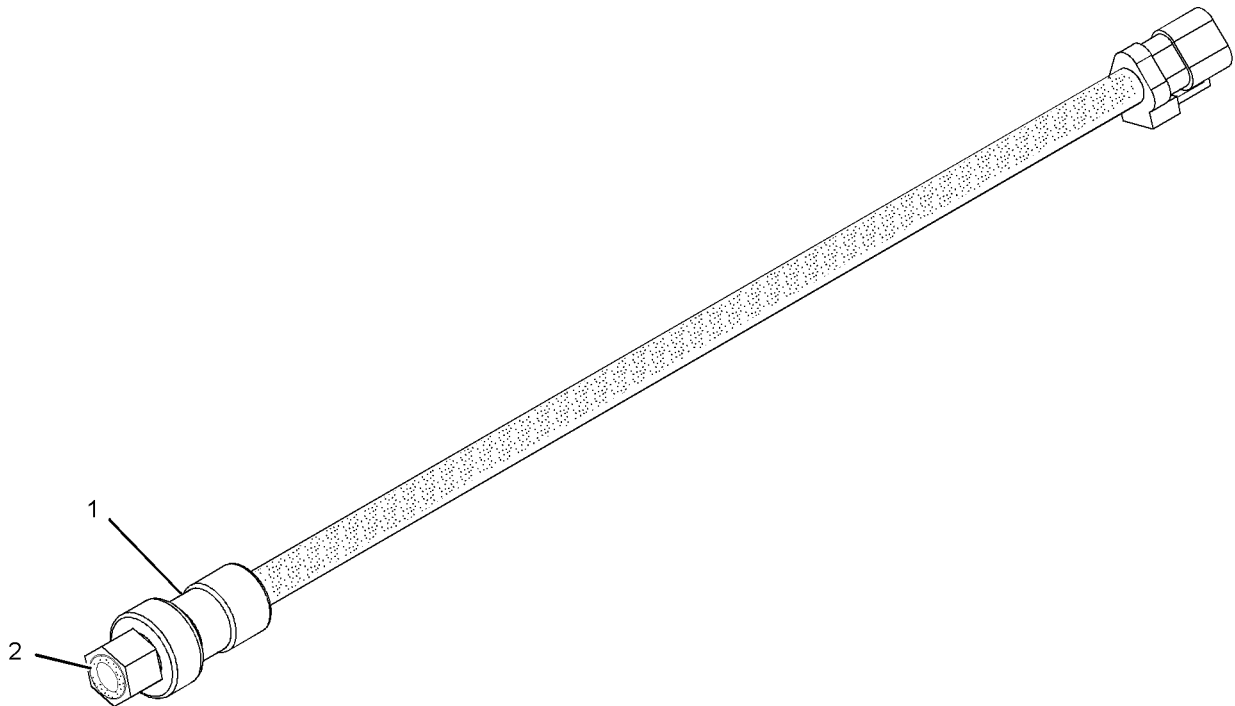
PART OF 235-6504, 279-5730 FILTER GP-SECONDARY FUEL, 235-8210 SENSOR GP-ENGINE

ALSO AN ATTACHMENT

SMCS-1718, 1916, 1917, 1923, 1924, 1925

i02870189

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	194-6725	1	SENSOR	GP	PRESSURE				458
	2	1	6V-5048	1	SEAL	-O-	RING				
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g01019323

ELECTRICAL AND STARTING SYSTEM

240-2035 SENSOR GP-PRESSURE-INTAKE AIR

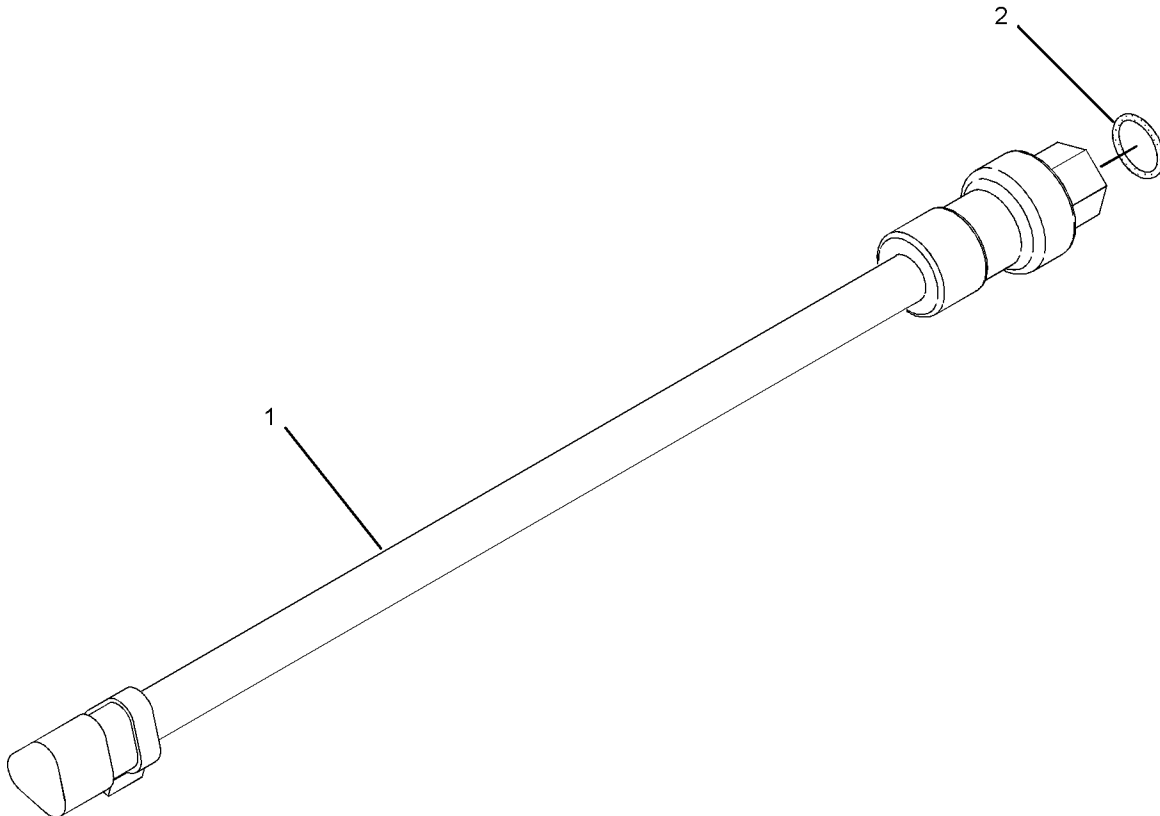
S/N: EHX1-UP

PART OF 235-8210 SENSOR GP-ENGINE
ALSO AN ATTACHMENT

SMCS-1718, 1916, 1917, 1923, 1924, 1925

i02837581

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	194-6724	1	SENSOR GP - PRESSURE	457
	2	1	6V-5048	1	SEAL - O - RING	
Y-SEPARATE ILLUSTRATION						



GRAPHIC #1

<END>

g01051156

ELECTRICAL AND STARTING SYSTEM

189-5746 SENSOR GP-SPEED-OUTPUT

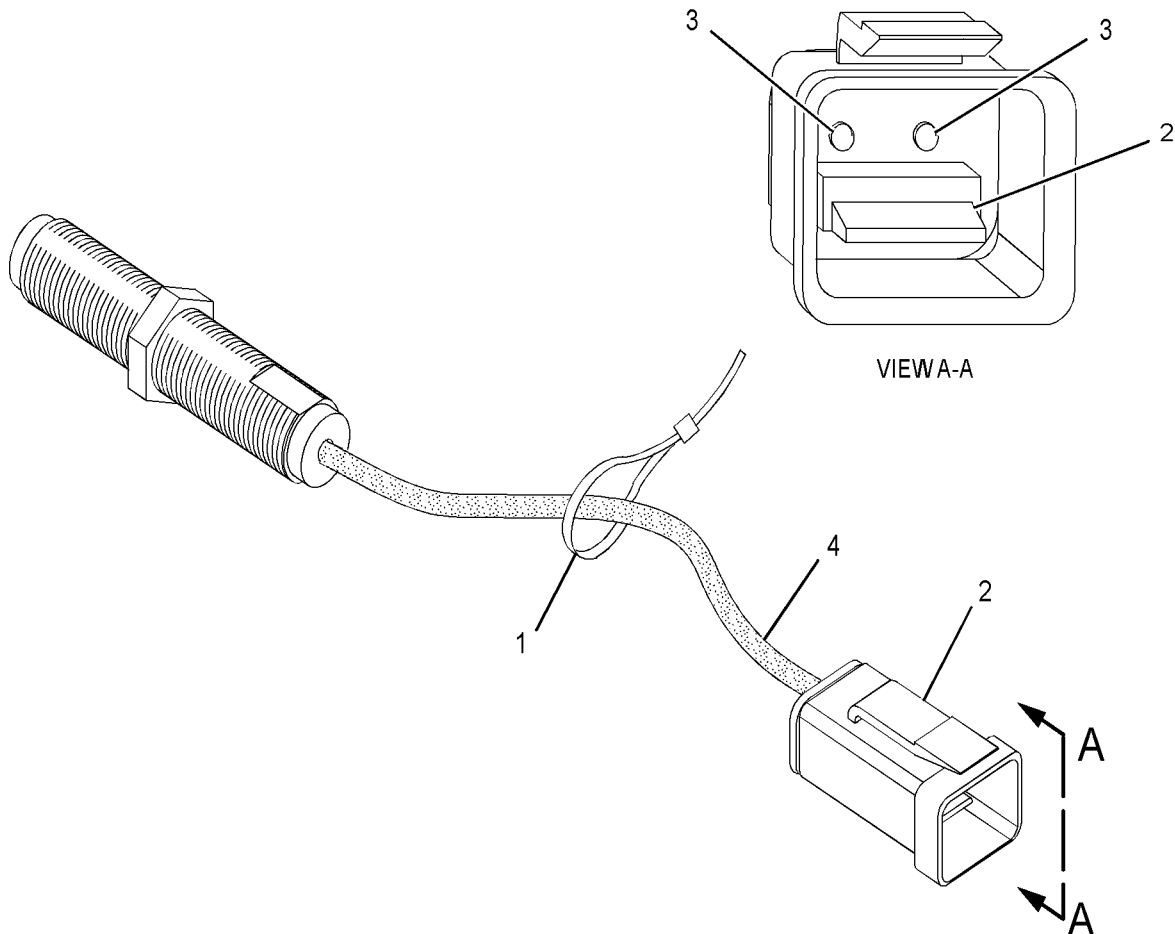
S/N: RJG1-UP; EHX1-UP

PART OF 235-8210 SENSOR GP-ENGINE, 213-7004 WIRING GP-ENGINE
ALSO AN ATTACHMENT

SMCS-1907

i03276881

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	171-5349	1	STRAP-MARKER						
	2	1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	3	1	144-1636	2	PIN-CONNECTOR (14-GA TO 18-GA)						
E	4	1	9X-1386		SLEEVE (14-CM)						
E-ORDER BY THE CENTIMETER											



GRAPHIC #1

<END>

g01353977

ELECTRICAL AND STARTING SYSTEM

201-6615 SENSOR GP-SPEED

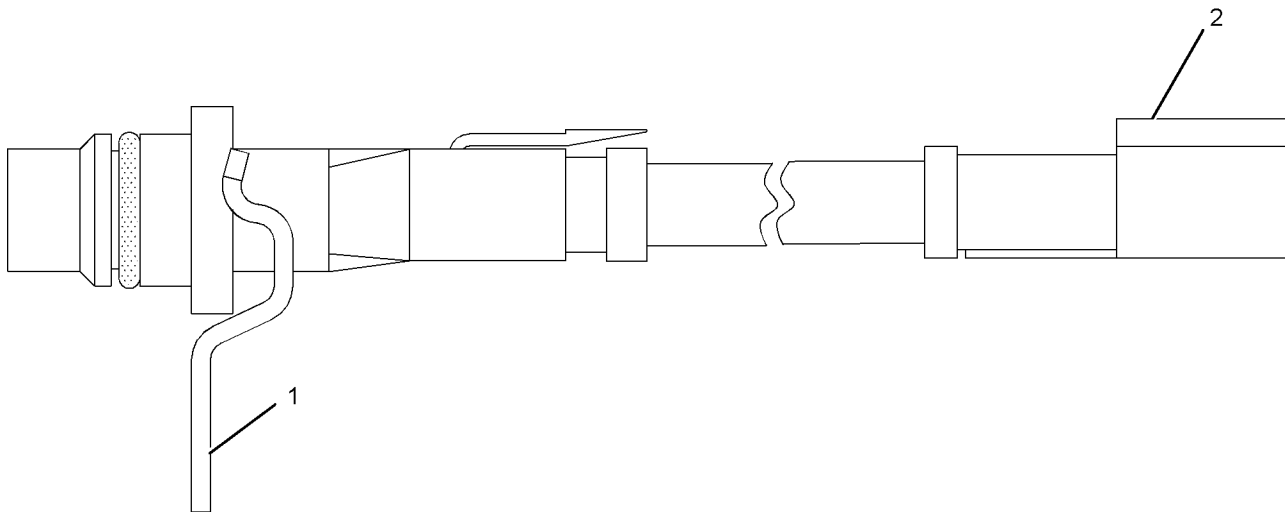
S/N: EHX1-UP

PART OF 230-7149 SENSOR GP-SPEED
ALSO AN ATTACHMENT

SMCS-1907

i03539645

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	133-0260	1	BRACKET						
	2	1	188-9429	1	HARNESS AS-SENSOR (SPEED)						
		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)						



GRAPHIC #1

<END>

g01009894

ELECTRICAL AND STARTING SYSTEM

201-6616 SENSOR GP-SPEED-TIMING, CAMSHAFT

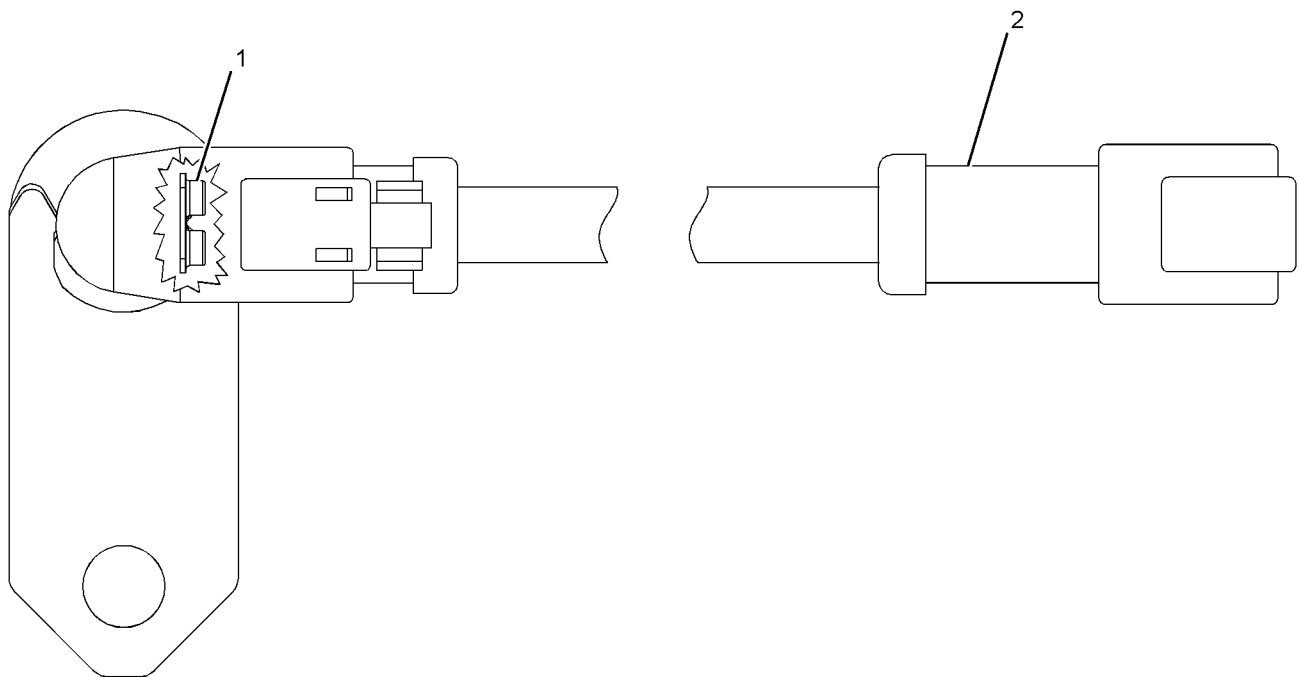
S/N: EHX1-UP

PART OF 239-2397 SENSOR GP-SPEED
ALSO AN ATTACHMENT

SMCS-1907

i03539641

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	137-6645	1	PAD						
	2	1	189-0852	1	HARNESS AS-WIRING (SPEED SENSOR)						
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
					(INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						



GRAPHIC #1

<END>

g01794574

ELECTRICAL AND STARTING SYSTEM

230-7149 SENSOR GP-SPEED

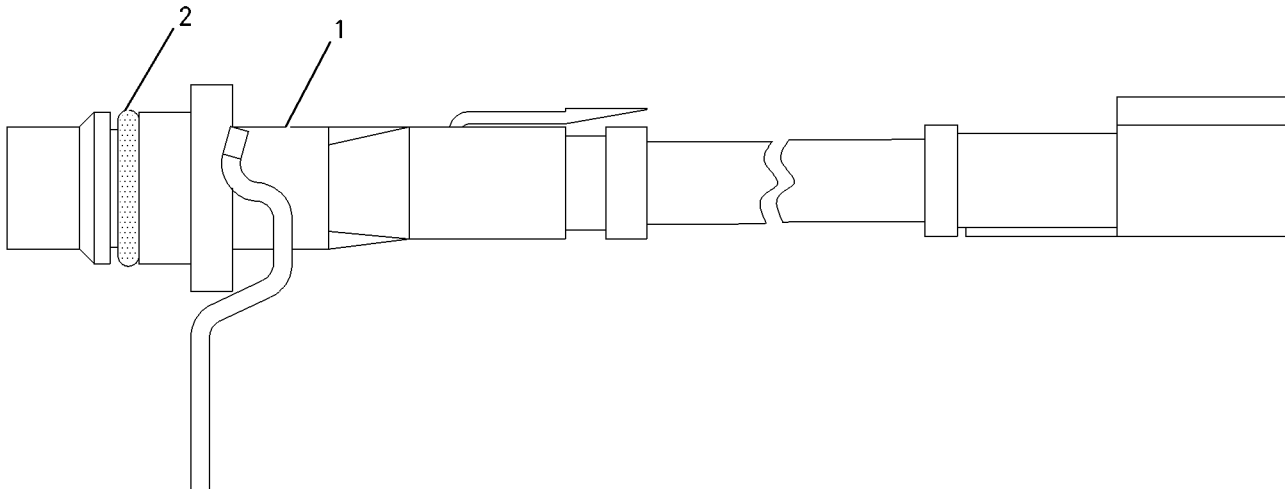
S/N: EHX1-UP

PART OF 235-8210 SENSOR GP-ENGINE
ALSO AN ATTACHMENT

SMCS-1907

i02768022

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	201-6615	1	SENSOR GP-SPEED						464
	2	1	228-4947	1	SEAL-O-RING						
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g01007584

ELECTRICAL AND STARTING SYSTEM

239-2397 SENSOR GP-SPEED-TIMING, CAMSHAFT

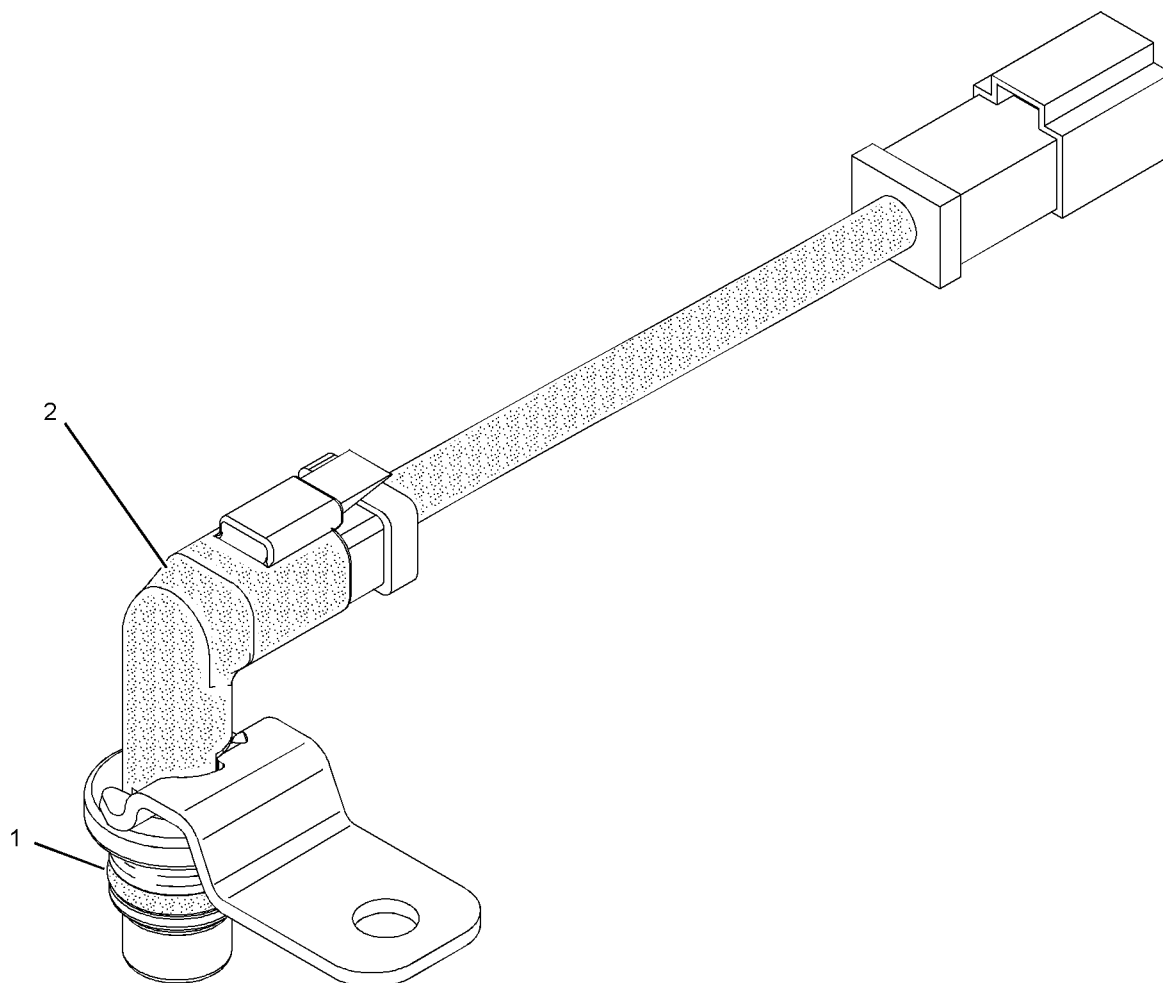
S/N: EHX1-UP

PART OF 235-8210 SENSOR GP-ENGINE
ALSO AN ATTACHMENT

SMCS-1907

i02870198

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	228-4947	1	SEAL -O-RING						
Y	2	1	201-6616	1	SENSOR GP-SPEED						465
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g01019337

ELECTRICAL AND STARTING SYSTEM

130-9811 SENSOR GP-TEMPERATURE

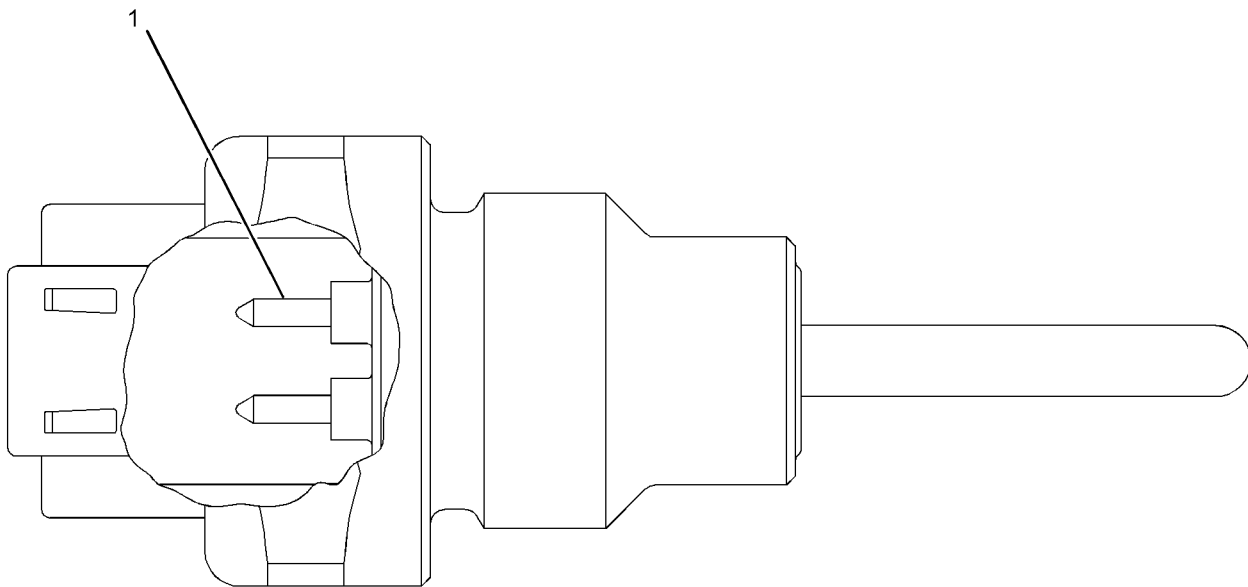
S/N: EHX1-UP

PART OF 235-6504 FILTER GP-SECONDARY FUEL
ALSO AN ATTACHMENT

SMCS-1906, 1919, 1921, 1922, 1928, 1929

i02939798

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	137-6645	1	PAD						



GRAPHIC #1

<END>

g01457428

ELECTRICAL AND STARTING SYSTEM

145-7028 SENSOR GP-TEMPERATURE

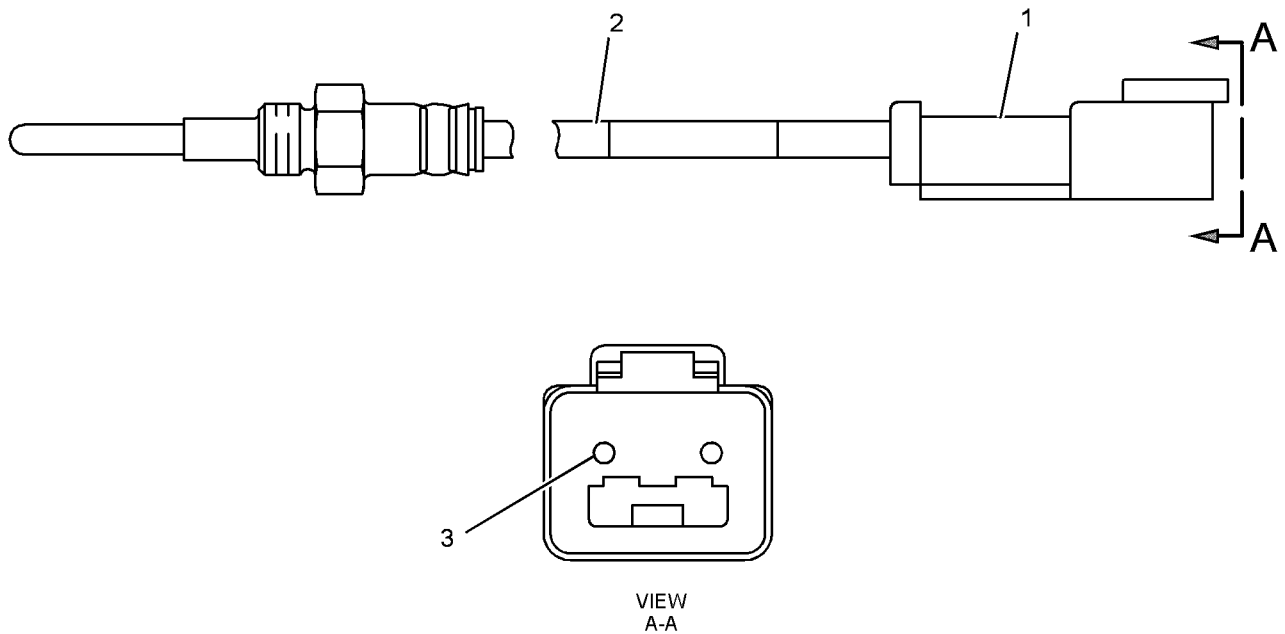
S/N: RJG1-UP

PART OF 213-7003 BATTERY & WIRING GP, 213-7004 WIRING GP-ENGINE

SMCS-1906, 1919, 1921, 1922, 1928, 1929

i03422020

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	102-8802	1	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
J	2	1	153-5043		SLEEVE (2.8-DM)	
	3	1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)	
J-ORDER BY THE DECIMETER						



GRAPHIC #1

<END>

g01740798

ELECTRICAL AND STARTING SYSTEM

197-8391 SENSOR GP-TEMPERATURE

S/N: EHX1-UP

PART OF 235-8210 SENSOR GP-ENGINE

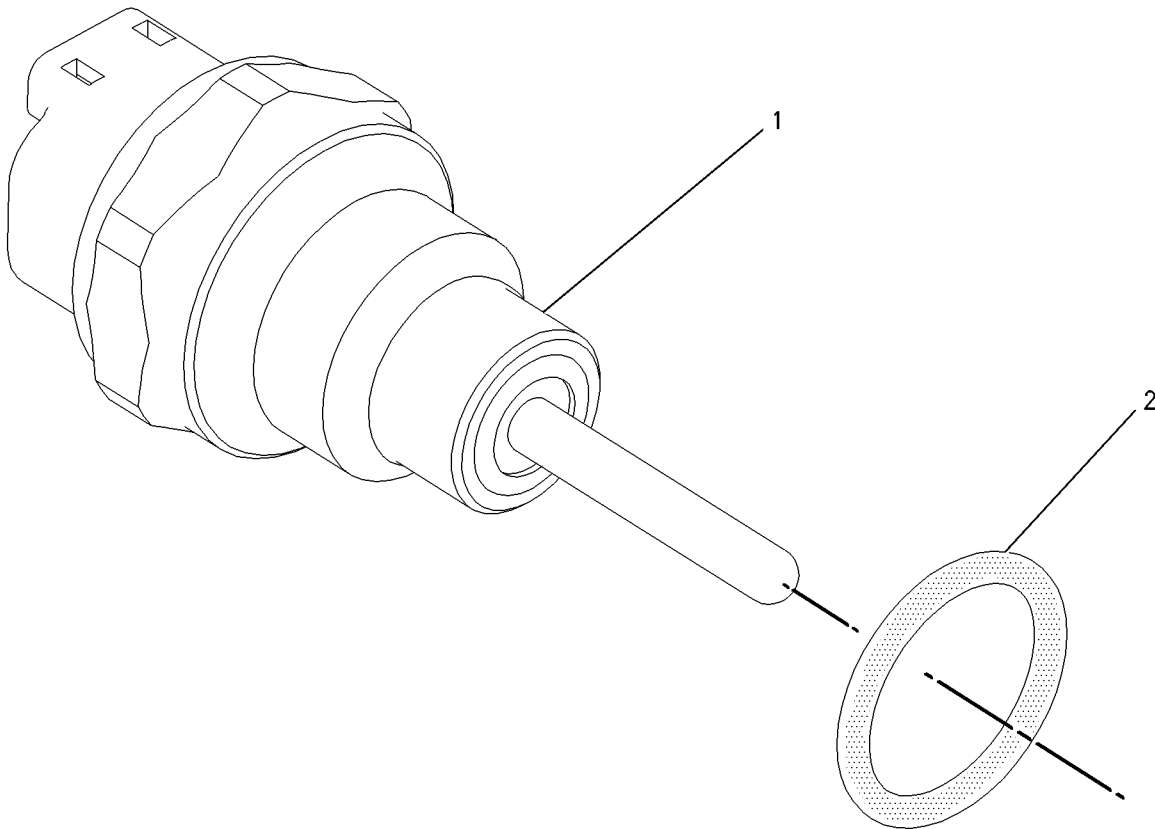
ALSO AN ATTACHMENT

TYPE 1

SMCS-1906, 1919, 1921, 1922, 1928, 1929

i02938842

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	130-9811	1	SENSOR GP-TEMPERATURE						
		1	137-6645	1	PAD						
	2	1	8L-2786	1	SEAL-O-RING						



GRAPHIC #1

<END>

g00856011

ELECTRICAL AND STARTING SYSTEM

197-8391 SENSOR GP-TEMPERATURE

S/N: EHX1-UP

PART OF 235-8210 SENSOR GP-ENGINE

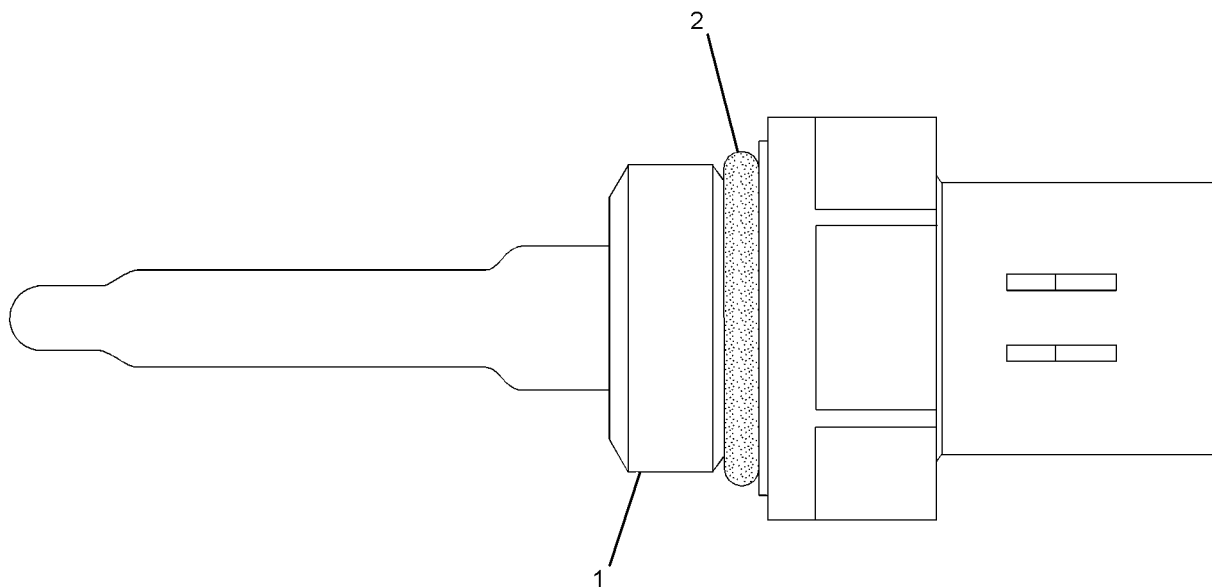
ALSO AN ATTACHMENT

TYPE 2

SMCS-1906, 1919, 1921, 1922, 1928, 1929

i02939540

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
C	1	1	264-4297	1	SENSOR GP-TEMPERATURE	
		1	137-6645	1	PAD	
	2	1	8L-2786	1	SEAL-O-RING	
C-CHANGE FROM PREVIOUS TYPE						



GRAPHIC #1

<END>

g01164268

ELECTRICAL AND STARTING SYSTEM

197-8392 SENSOR GP-TEMPERATURE

S/N: EHX1-UP

PART OF 235-8210 SENSOR GP-ENGINE

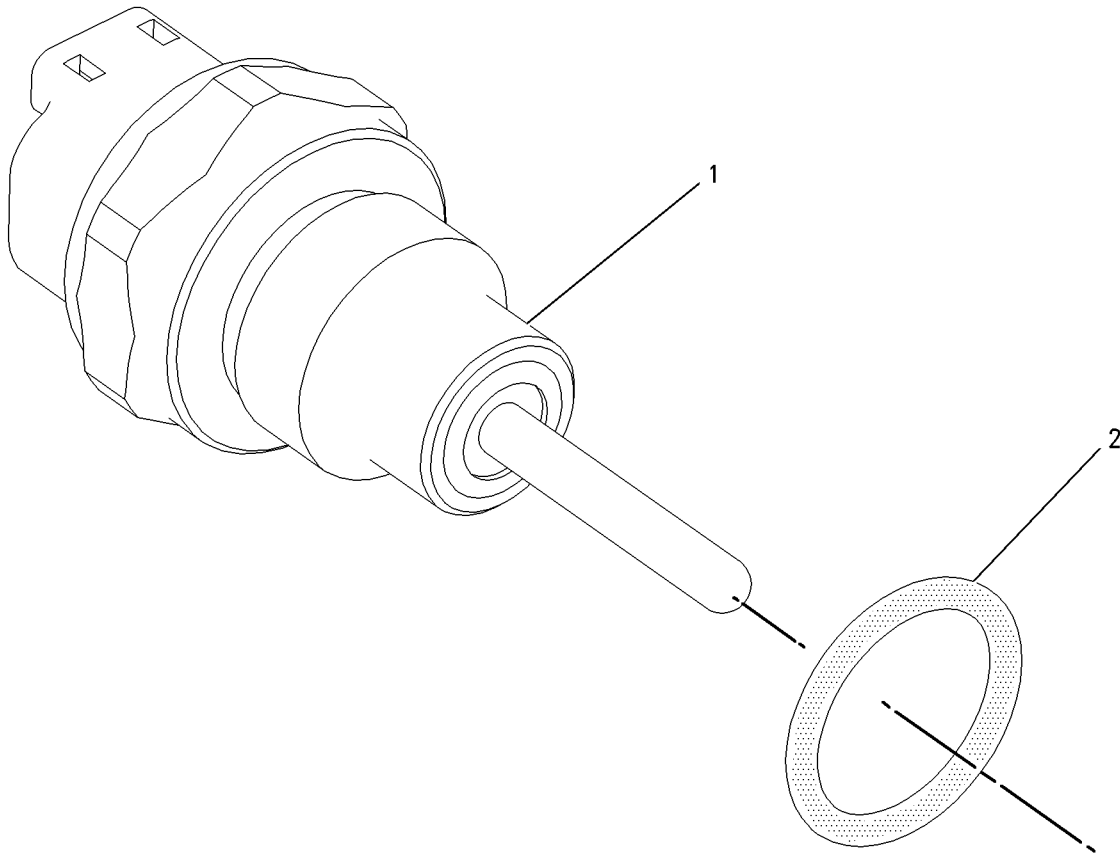
ALSO AN ATTACHMENT

TYPE 1

SMCS-1906, 1919, 1921, 1922, 1928, 1929

i03151493

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	130-9811	1	SENSOR GP-TEMPERATURE						
		1	137-6645		PAD						
	2	1	6V-6609	1	SEAL-O-RING						



GRAPHIC #1

<END>

g00856005

ELECTRICAL AND STARTING SYSTEM

197-8392 SENSOR GP-TEMPERATURE

S/N: EHX1-UP

PART OF 235-8210 SENSOR GP-ENGINE

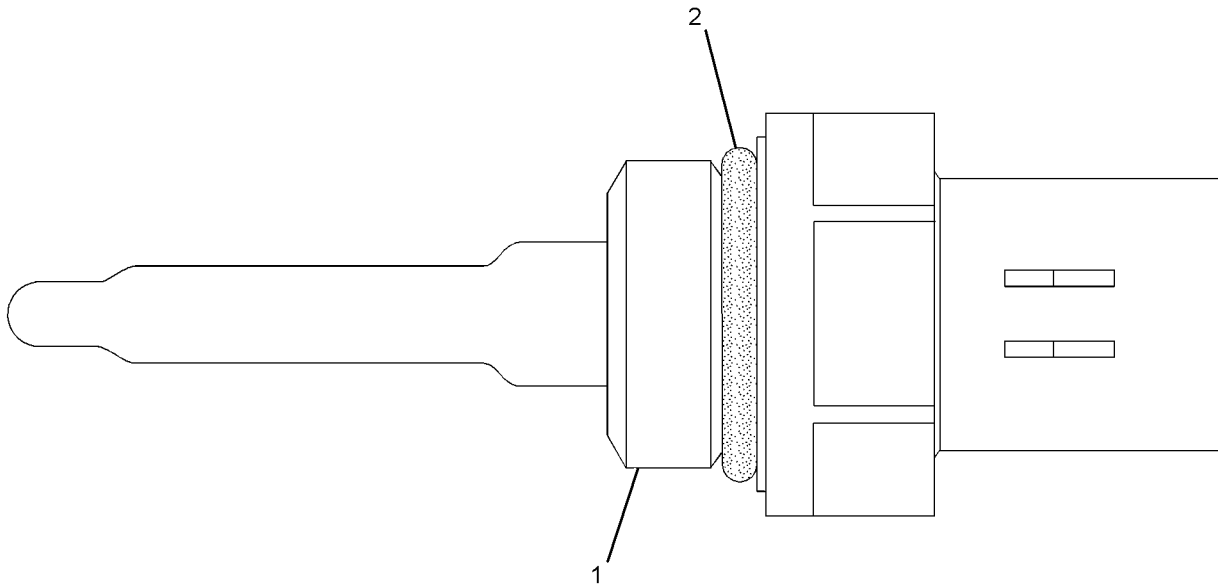
ALSO AN ATTACHMENT

TYPE 2

SMCS-1906, 1919, 1921, 1922, 1928, 1929

i02864759

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
C	1	1	264-4297	1	SENSOR GP-TEMPERATURE	
		1	137-6645	1	PAD	
	2	1	6V-6609	1	SEAL-O-RING	
C-CHANGE FROM PREVIOUS TYPE						



GRAPHIC #1

<END>

g01164268

ELECTRICAL AND STARTING SYSTEM

221-1814 STARTING AID GP-ETHER

S/N: RJG1-UP

PART OF 212-2745, 267-2900 INSTALLATION AR-ENGINE

SMCS-1456

i03508504

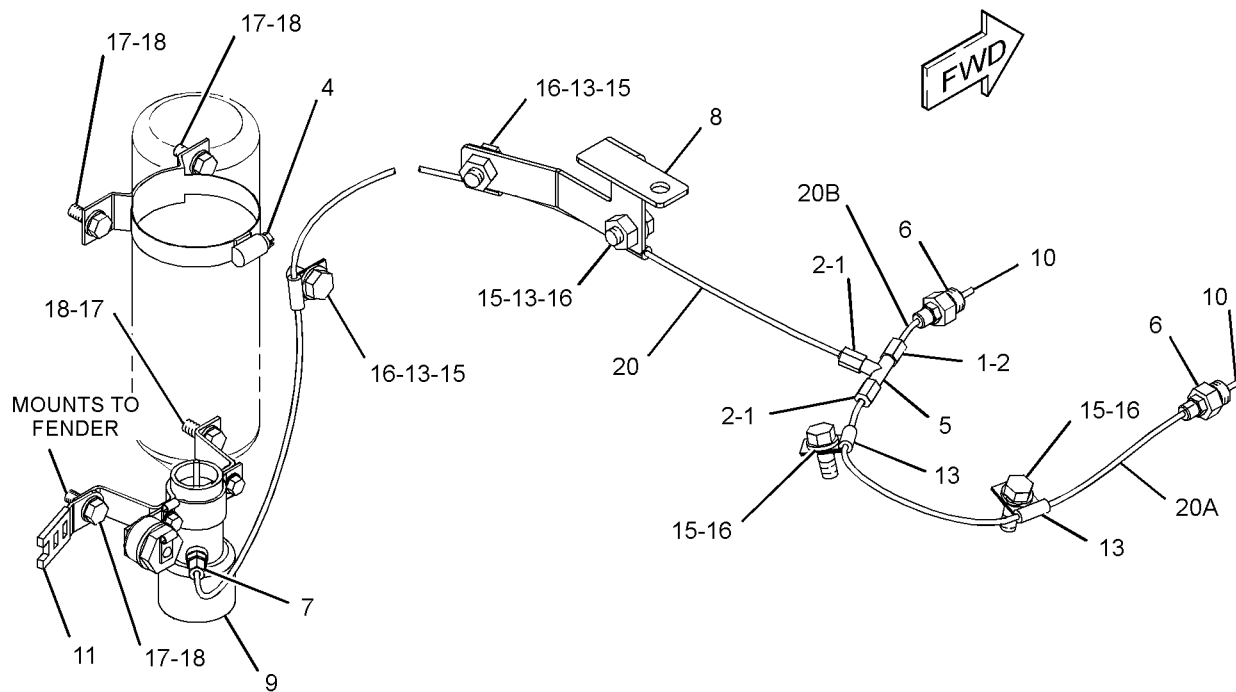
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	5P-6313	3	NUT (5/16-24-THD)	
	2	1	5P-6314	3	SLEEVE	
	4	1	7N-2059	1	CLAMP AS	
	5	1	8C-9006	1	TEE-UNION	
	6	1	148-8331	2	CONNECTOR AS	
					(EACH INCLUDES)	
		1	3Y-2888	1	CONNECTOR	
		1	3J-1907	1	SEAL-O-RING	
	7	1	230-1437	1	FITTING AS	
		1	236-4545	1	NUT-SLEEVE (5/16-24-THD)	
	8	1	235-0543	1	BRACKET AS	
Y	9	1	239-1134	1	VALVE GP-ETHER STARTING (24-VOLT)	503
	10	1	280-2562	2	ATOMIZER AS-ETHER	
					(EACH INCLUDES)	
		1	236-4545	1	NUT-SLEEVE (5/16-24-THD)	
	11	1	4P-7581	1	CLIP	
	13	1	6V-2686	5	CLIP	
	15	1	8T-4121	5	WASHER-HARD (11X21X2.5-MM THK)	
M	16	1	8T-4137	5	BOLT (M10X1.5X20-MM)	
M	17	1	8T-4189	4	BOLT (M8X1.25X20-MM)	
	18	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)	
E	20	1	174-9169		TUBE (101-CM)	
E	20A	1	174-9169		TUBE (30-CM)	
E	20B	1	174-9169		TUBE (5-CM)	
A		1	7N-0296	1	CYLINDER AS-ETHER	
					(PROCURE FROM YOUR LOCAL CATERPILLAR DEALER)	

A-NOT PART OF THIS GROUP
E-ORDER BY THE CENTIMETER
M-METRIC PART
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

221-1814 STARTING AID GP-ETHER (contd.)

i03508504



GRAPHIC #1

<END>

g01814044

ELECTRICAL AND STARTING SYSTEM

214-1072 STARTING AR-COLD WEATHER

S/N: RJG1-1210

AN ATTACHMENT

SMCS-1450

i03536140

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	
Y	2	1	8N-8753	1	STARTING MOTOR GP-ELECTRIC	488
	3	1	8V-0622	1	CABLE AS	
E		1	5P-0761		CABLE (00-GA, RED) (14-CM)	
		1	8T-9757	1	TERMINAL AS-BATTERY (NEGATIVE)	
		1	8C-5917	1	TERMINAL AS-BATTERY (POSITIVE)	
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)	
		1	1M-6120	1	NUT (5/16-18-THD)	
		1	9G-0003	1	COVER-TERMINAL (BLACK)	
		1	9G-0004	1	COVER-TERMINAL (RED)	
	4	1	061-7661	1	CABLE AS	
E		1	5P-0747		CABLE (00-GA, BLACK) (42-CM)	
		1	1S-7251	1	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)	
Y	5	1	125-1302	1	SWITCH GP-MAGNETIC (24-VOLT) (START RELAY)	497
	6	1	146-6747	1	FILM-INFORMATION (24-VOLT)	
	7	1	153-5710	2	BATTERY (12-VOLT, 1400-CCA) (MAINTENANCE FREE)	
	8	1	153-6281	1	HOLD-DOWN-BATTERY	
	9	1	191-8728	1	CABLE AS	
E		1	5P-0761		CABLE (00-GA, RED) (33-CM)	
		1	1S-4915	2	LINER (CONDUIT)	
E		1	5P-0695		CONDUIT (14-CM)	
E		1	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (16-CM)	
		1	8N-0869	1	COVER-TERMINAL (RED)	
		1	9G-0004	1	COVER-TERMINAL (RED)	
E		1	114-8843		SLEEVE-PLASTIC (40-CM)	
		1	1S-7251	1	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)	
		1	8C-5917	1	TERMINAL AS-BATTERY (POSITIVE)	
	10	1	191-8729	1	CABLE AS	
E		1	5P-0747		CABLE (00-GA, BLACK) (70-CM)	
		1	1S-4915	2	LINER (CONDUIT)	
E		1	5P-0695		CONDUIT (52-CM)	
E		1	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (16-CM)	
		1	9G-0005	1	COVER-TERMINAL (BLACK)	
		1	9G-8909	1	COVER-TERMINAL (BLACK)	
E		1	114-8843		SLEEVE-PLASTIC (40-CM)	
		1	1S-7252	1	TERMINAL-CABLE (00-GA, 3/8-IN BOLT)	
		1	8C-5918	1	TERMINAL AS (NEGATIVE)	
	11	1	192-9464	1	PLATE	
	12	1	199-9800	1	JUNCTION BLOCK	
	13	1	200-6345	1	MOUNT (DUAL SWIVEL)	
	14	1	204-2281	15	STRAP-TIE	
	15	1	213-1046	1	STRAP	
	16	1	213-7016	1	CABLE AS	
E		1	5P-0761		CABLE (00-GA, RED) (200-CM)	
		1	1S-4915	2	LINER (CONDUIT)	
E		1	5P-0695		CONDUIT (179-CM)	
E		1	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (21-CM)	
		1	8N-0869	1	COVER-TERMINAL (RED)	
E		1	114-8843		SLEEVE-PLASTIC (40-CM)	
		1	1S-7251	2	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)	
	17	1	213-7018	1	CABLE AS	
E		1	5P-0761		CABLE (00-GA, RED) (150-CM)	
		1	1S-4915	2	LINER (CONDUIT)	
E		1	5P-0695		CONDUIT (119-CM)	

ELECTRICAL AND STARTING SYSTEM

214-1072 STARTING AR-COLD WEATHER (contd.)

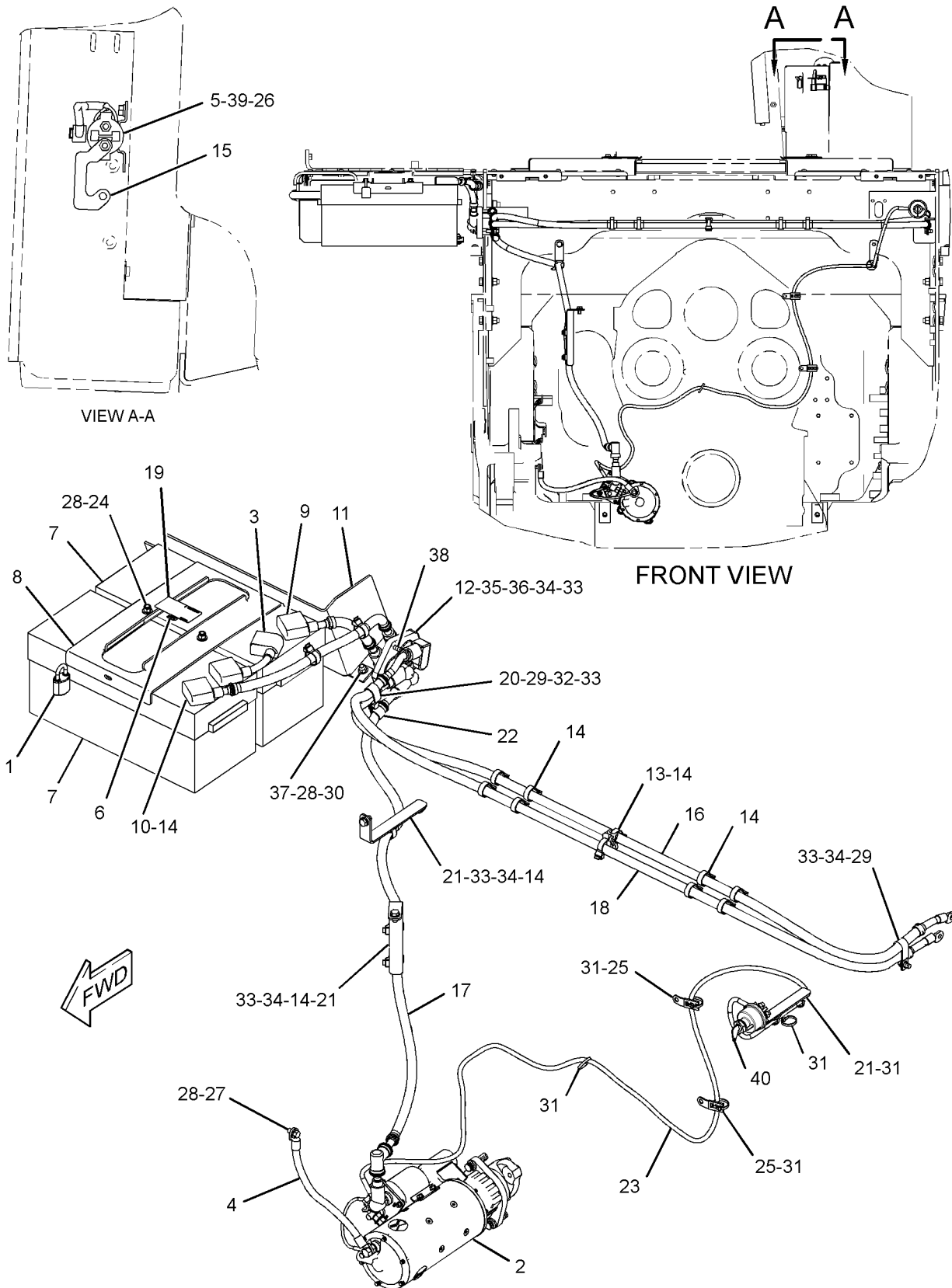
i03536140

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
E		1	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (32-CM)						
		1	8N-0869	2	COVER-TERMINAL (RED)						
E		1	114-8843		SLEEVE-PLASTIC (40-CM)						
		1	1S-7251	2	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)						
	18	1	213-7020	1	CABLE AS						
E		1	5P-0747		CABLE (00-GA, BLACK) (210-CM)						
		1	1S-4915	2	LINER (CONDUIT)						
E		1	5P-0695		CONDUIT (178-CM)						
E		1	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (21-CM)						
		1	260-2998	1	COVER-TERMINAL (00-GA, BLACK)						
		1	1S-7252	2	TERMINAL-CABLE (00-GA, 3/8-IN BOLT)						
		1	4D-1248	1	TERMINAL (FOR 3/8-IN BOLT)						
	19	1	225-0313	1	FILM-WARNING (JUMP START, READ OMM)						
M	20	1	133-7810	1	STUD-TAPERLOCK (M10X1.5X45-MM)						
	21	1	235-1594	3	PLATE AS						
					(EACH INCLUDES)						
		1	7T-1099	2	LINK						
	22	1	1S-0994	1	CLIP						
	23	1	253-7138	1	WIRE AS						
	24	1	3K-6060	2	LOCKNUT (3/8-16-THD)						
	25	1	4P-7581	2	CLIP						
M	26	1	5C-2890	1	NUT (M6X1-THD)						
	27	1	5M-3062	1	BOLT (3/8-16X0.75-IN)						
	28	1	5P-1075	6	WASHER-HARD (10.2X22.5X3-MM THK)						
	29	1	6D-4247	2	CLIP						
	30	1	6V-8801	3	NUT (3/8-16-THD)						
	31	1	7K-1181	6	STRAP-CABLE						
M	32	1	8T-4133	1	NUT (M10X1.5-THD)						
	33	1	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)						
M	34	1	8T-4137	5	BOLT (M10X1.5X20-MM)						
M	35	1	8T-4192	3	BOLT (M12X1.75X25-MM)						
	36	1	8T-4223	3	WASHER-HARD (13.5X25.5X3-MM THK)						
	37	1	8T-9407	3	BOLT-CARRIAGE (3/8-16X1.25-IN)						
M	38	1	9X-6032	3	BOLT-SOCKET HEAD (M10X1.5X30-MM)						
	39	1	9X-8256	1	WASHER (6.6X12X2-MM THK)						
Y	40	1	306-0166	1	SWITCH GP-DISCONNECT						495
E-ORDER BY THE CENTIMETER											
M-METRIC PART											
Y-SEPARATE ILLUSTRATION											

ELECTRICAL AND STARTING SYSTEM

214-1072 STARTING AR-COLD WEATHER (contd.)

i03536140



GRAPHIC #1

<END>

g01432924

ELECTRICAL AND STARTING SYSTEM

214-1072 STARTING AR-COLD WEATHER

S/N: RJG1211-UP

AN ATTACHMENT

SMCS-1450

i03536142

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	
Y	2	1	8N-8753	1	STARTING MOTOR GP-ELECTRIC	488
	3	1	8V-0622	1	CABLE AS	
E		1	5P-0761		CABLE (00-GA, RED) (14-CM)	
		1	8T-9757	1	TERMINAL AS-BATTERY (NEGATIVE)	
		1	8C-5917	1	TERMINAL AS-BATTERY (POSITIVE)	
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)	
		1	1M-6120	1	NUT (5/16-18-THD)	
		1	9G-0003	1	COVER-TERMINAL (BLACK)	
		1	9G-0004	1	COVER-TERMINAL (RED)	
	4	1	061-7661	1	CABLE AS	
E		1	5P-0747		CABLE (00-GA, BLACK) (42-CM)	
		1	1S-7251	1	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)	
Y	5	1	125-1302	1	SWITCH GP-MAGNETIC (24-VOLT) (START RELAY)	497
	6	1	146-6747	1	FILM-INFORMATION (24-VOLT)	
	7	1	153-5710	2	BATTERY (12-VOLT, 1400-CCA) (MAINTENANCE FREE)	
	8	1	153-6281	1	HOLD-DOWN-BATTERY	
	11	1	192-9464	1	PLATE	
	13	1	200-6345	1	MOUNT (DUAL SWIVEL)	
	14	1	204-2281	15	STRAP-TIE	
	15	1	213-1046	1	STRAP	
	16	1	213-7016	1	CABLE AS	
E		1	5P-0761		CABLE (00-GA, RED) (200-CM)	
		1	1S-4915	2	LINER (CONDUIT)	
E		1	5P-0695		CONDUIT (179-CM)	
E		1	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (21-CM)	
		1	8N-0869	1	COVER-TERMINAL (RED)	
E		1	114-8843		SLEEVE-PLASTIC (40-CM)	
		1	1S-7251	2	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)	
	17	1	213-7018	1	CABLE AS	
E		1	5P-0761		CABLE (00-GA, RED) (150-CM)	
		1	1S-4915	2	LINER (CONDUIT)	
E		1	5P-0695		CONDUIT (119-CM)	
E		1	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (32-CM)	
		1	8N-0869	2	COVER-TERMINAL (RED)	
E		1	114-8843		SLEEVE-PLASTIC (40-CM)	
		1	1S-7251	2	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)	
	18	1	213-7020	1	CABLE AS	
E		1	5P-0747		CABLE (00-GA, BLACK) (210-CM)	
		1	1S-4915	2	LINER (CONDUIT)	
E		1	5P-0695		CONDUIT (178-CM)	
E		1	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (21-CM)	
		1	260-2998	1	COVER-TERMINAL (00-GA, BLACK)	
		1	1S-7252	2	TERMINAL-CABLE (00-GA, 3/8-IN BOLT)	
		1	4D-1248	1	TERMINAL (FOR 3/8-IN BOLT)	
	19	1	225-0313	1	FILM-WARNING (JUMP START, READ OMM)	
M	20	1	133-7810	1	STUD-TAPERLOCK (M10X1.5X45-MM)	
	21	1	235-1594	3	PLATE AS	
					(EACH INCLUDES)	
		1	7T-1099	2	LINK	
	22	1	1S-0994	1	CLIP	
	23	1	253-7138	1	WIRE AS	
	24	1	3K-6060	2	LOCKNUT (3/8-16-THD)	
	25	1	4P-7581	2	CLIP	

ELECTRICAL AND STARTING SYSTEM

214-1072 STARTING AR-COLD WEATHER (contd.)

i03536142

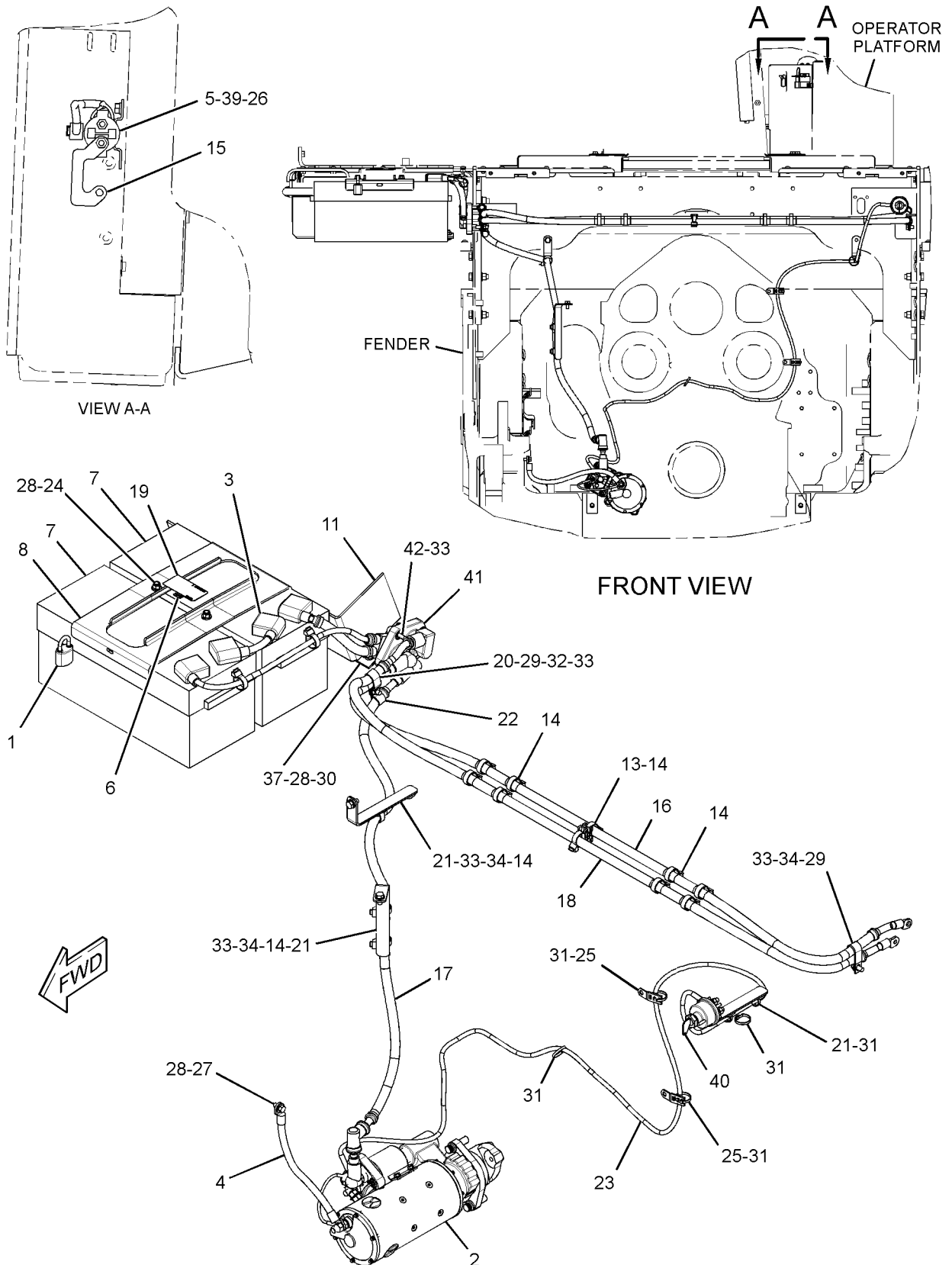
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	26	1	5C-2890	1	NUT (M6X1-THD)						
	27	1	5M-3062	1	BOLT (3/8-16X0.75-IN)						
	28	1	5P-1075	6	WASHER-HARD (10.2X22.5X3-MM THK)						
	29	1	6D-4247	2	CLIP						
	30	1	6V-8801	3	NUT (3/8-16-THD)						
	31	1	7K-1181	6	STRAP-CABLE						
M	32	1	8T-4133	1	NUT (M10X1.5-THD)						
C	33	1	8T-4121	7	WASHER-HARD (11X21X2.5-MM THK)						
CM	34	1	8T-4137	3	BOLT (M10X1.5X20-MM)						
	37	1	8T-9407	3	BOLT-CARRIAGE (3/8-16X1.25-IN)						
	39	1	9X-8256	1	WASHER (6.6X12X2-MM THK)						
Y	40	1	306-0166	1	SWITCH GP-DISCONNECT						495
C	41	1	324-3336	1	JUNCTION BLOCK						
CM	42	1	8T-9515	3	BOLT-SOCKET HEAD (M10X1.5X40-MM)						

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

ELECTRICAL AND STARTING SYSTEM

214-1072 STARTING AR-COLD WEATHER (contd.)

i03536142



GRAPHIC #1

<END>

g01790915

ELECTRICAL AND STARTING SYSTEM

6V-0513 STARTING MOTOR GP-ELECTRIC-COLD WEATHER*R

S/N: RJG1-UP

24 VOLT

FIELD REPLACEMENT FOR 6V-0928-PAGE 485

SMCS-1453

i03379301

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	036-9823	13	BOLT (1/4-28X1-IN)	
	2	1	3L-3380	1	BUSHING-TERMINAL	
	3	1	3T-3418	1	FRAME AS-END	
	4	1	3T-3423	1	CUP	
	5	1	9G-4101	1	BUSHING-END	
	6	1	3T-3424	1	PLUG-FELT	
	7	1	7M-0327	1	WASHER-THRUST (17.4X25.4X1.6-MM THK)	
	8	1	7M-8651	1	ARMATURE AS	
	9	1	7M-0324	1	COIL AS-FIELD	
	10	1	9H-3757	2	WASHER (0.516X1X0.094-IN THK)	
	11	1	7X-0562	6	WASHER-HARD (13.5X19X0.8-MM THK)	
	12	1	6V-8188	6	NUT (1/2-13-THD)	
	13	1	7M-0326	1	CONNECTOR	
	14	1	8T-4205	4	WASHER-HARD (7.2X14.5X2-MM THK)	
C	15	1	318-2082	1	SOLENOID AS-STARTING MOTOR (24-VOLT)	
		1	3R-8801	1	CLAMP	
	16	1	6V-1322	4	BOLT (1/4-20X0.375-IN)	
	17	1	4M-1831	4	PLUG-LEVER HOUSING	
	18	1	7L-2894	4	GASKET	
	19	1	3R-8797	12	SCREW & WASHER AS (3/8-24X0.72-IN)	
	20	1	7M-0325	1	INSULATOR	
	21	1	7F-3488	6	SHOE-POLE	
	22	1	1S-7446	3	SCREW-MACHINE (8-32X0.437-IN)	
	23	1	3T-9524	6	BRUSH AS (STARTING MOTOR)	
	24	1	9S-2544	9	SCREW-HEX HEAD (8-32X11.13-MM)	
	25	1	3T-9525	1	PLATE AS-BRUSH	
	25A	1	6T-0371	1	INSULATOR	
	25B	1	5P-6298	12	SCREW-MACHINE (10-32X0.5-IN)	
		1	9F-5599	12	LOCKWASHER	
	25C	1	7F-3525	6	WASHER-BUSHING (0.207X0.39X0.09-IN THK)	
	25D	1	6T-0372	1	PLATE	
	25E	1	3T-4709	3	PLATE	
	25F	1	2L-6679	3	PLATE-INSULATOR	
	25G	1	3T-4710	3	PLATE	
	25H	1	6T-0363	6	HOLDER AS-BRUSH (STARTING MOTOR) (EACH INCLUDES)	
	25J	1	3T-9494	1	SPRING (STARTING MOTOR)	
	35	1	2D-6392	1	SEAL-O-RING	
	36	1	2J-8163	2	SEAL-O-RING	
	37	1	7F-3491	2	WASHER (0.516X1X0.094-IN THK)	
	38	1	3R-8801	1	CLAMP	
	39	1	6N-3826	1	DRIVE AS-MOTOR	
	40	1	1H-2629	3	STRIP-INSULATION	
	41	1	3T-3422	1	WIRE AS	
	43	1	036-9821	1	WASHER	
	44	1	306-3998	1	BOOT-RUBBER	
	45	1	4M-1828	1	RETAINER-SPRING	
	46	1	9M-7609	1	SPRING (SHIFT LEVER)	
	47	1	1H-1023	1	SEAL-O-RING	
	48	1	3E-7771	1	HOUSING AS (STARTING MOTOR)	
	49	1	3T-3424	2	PLUG-FELT	
	50	1	3T-3423	2	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)	

ELECTRICAL AND STARTING SYSTEM

6V-0513 STARTING MOTOR GP-ELECTRIC (contd.)

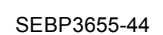
i03379301

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	54	1	4M-1854	1	SHAFT-LEVER						
	55	1	2H-3429	2	RING-RETAINING						
	56	1	4M-1853	1	LEVER AS-SHIFT						
	57	1	5M-3034	1	LOCKNUT (5/16-24-THD)						
	58	1	1M-9971	1	SPACER (0.835X1.72X0.188-IN THK)						
	59	1	4M-1827	1	RETAINER-SPRING						
	60	1	8C-3089	1	SEAL-O-RING						
	61	1	3E-7768	1	HOUSING AS						
	62	1	4M-1896	1	BUSHING-TERMINAL						
	63	1	8C-9660	3	WASHER (4.6X7.9X0.8-MM THK)						
	64	1	3T-9494	6	SPRING (STARTING MOTOR)						
	65	1	5J-5314	5	BOLT (5/16-18X1.5-IN)						
	66	1	3N-3763	1	KIT-TERMINAL (STARTING MOTOR)						
					(INCLUDES WASHER & BUSHINGS)						
	70	1	7X-3373	1	BOLT (5/16-18X0.88-IN)						
	71	1	6N-3279	1	INSULATOR						
	72	1	4B-2049	6	NUT (10-32-THD)						
	73	1	8T-0328	10	WASHER-HARD (5.5X10X1-MM THK)						
	74	1	8F-1434	2	LOCKWASHER						
B	75	1	3T-3434	6	PLUG						
	76	1	125-6537	1	INSULATOR						
	77	1	045-4065	4	SCREW-MACHINE (10-32X0.75-IN)						
	78	1	125-6535	1	COVER-STARTING MOTOR						
	79	1	125-6536	1	TERMINAL AS						
	80	1	7T-9123	1	GASKET-PLATE						
					PARTS SHOWN IN GRAPHIC(S) WITHOUT A REFERENCE NUMBER ARE NOT SERVICED SEPARATELY						

B-USE AS REQUIRED

C-CHANGE FROM PREVIOUS TYPE

i03379301



ELECTRICAL AND STARTING SYSTEM

6V-0928 STARTING MOTOR GP-ELECTRIC-COLD WEATHER

S/N: RJG1-UP

PART OF 8N-8753 STARTING MOTOR GP-ELECTRIC

FIELD REPLACEMENT ORDER 6V-0513-PAGE 482

AN ATTACHMENT

SMCS-1453

i02992183

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	036-9823	13	BOLT (1/4-28X1-IN)						
	2	1	3L-3380	1	BUSHING-TERMINAL						
	3	1	3T-3418	1	FRAME AS-END						
	3A	1	3T-3423	1	CUP						
	3B	1	9G-4101	1	BUSHING-END						
	3C	1	3T-3424	1	PLUG-FELT						
	7	1	7M-0327	1	WASHER-THRUST (17.4X25.4X1.6-MM THK)						
	8	1	7M-8651	1	ARMATURE AS						
	9	1	7M-0324	1	COIL AS-FIELD						
	10	1	9H-3757	2	WASHER (0.516X1X0.094-IN THK)						
	11	1	7X-0562	6	WASHER-HARD (13.5X19X0.8-MM THK)						
	12	1	6V-8188	6	NUT (1/2-13-THD)						
	13	1	7M-0326	1	CONNECTOR						
	14	1	8T-4205	4	WASHER-HARD (7.2X14.5X2-MM THK)						
	15	1	318-2082	1	SOLENOID AS-STARTING MOTOR (24-VOLT)						
	15A	1	3R-8801	1	CLAMP						
	16	1	6V-1322	4	BOLT (1/4-20X0.375-IN)						
	17	1	4M-1831	4	PLUG-LEVER HOUSING						
	18	1	7L-2894	4	GASKET						
	19	1	3R-8797	12	SCREW & WASHER AS (3/8-24X0.72-IN)						
	20	1	7M-0325	1	INSULATOR						
	21	1	7F-3488	6	SHOE-POLE						
	22	1	1S-7446	3	SCREW-MACHINE (8-32X0.437-IN)						
	23	1	3T-9524	6	BRUSH AS						
	24	1	9S-2544	9	SCREW-HEX HEAD (8-32X11.13-MM)						
	25	1	3T-9525	1	PLATE AS-BRUSH						
	25A	1	6T-0371	1	INSULATOR						
	25B	1	9F-5599	12	LOCKWASHER						
	25C	1	7F-3525	6	WASHER-BUSHING (0.207X0.39X0.09-IN THK)						
	25D	1	6T-0372	1	PLATE						
	25E	1	3T-4709	3	PLATE						
	25F	1	2L-6679	3	PLATE-INSULATOR						
	25G	1	3T-4710	3	PLATE						
	25H	1	5P-6298	12	SCREW-MACHINE (10-32X0.5-IN)						
	25J	1	6T-0363	6	HOLDER AS-BRUSH						
					(EACH INCLUDES)						
	25K	1	3T-9494	1	SPRING						
	35	1	2D-6392	1	SEAL-O-RING						
	36	1	2J-8163	2	SEAL-O-RING						
	37	1	7F-3491	2	WASHER (0.516X1X0.094-IN THK)						
	39	1	6N-3826	1	DRIVE AS-MOTOR						
	40	1	1H-2629	3	STRIP-INSULATION						
	41	1	3T-3422	1	WIRE AS						
	43	1	036-9821	1	WASHER						
	44	1	306-3998	1	BOOT-RUBBER						
	45	1	4M-1828	1	RETAINER-SPRING						
	46	1	9M-7609	1	SPRING (SHIFT LEVER)						
	47	1	1H-1023	1	SEAL-O-RING						
	48	1	3E-7771	1	HOUSING AS (STARTING MOTOR)						
	49	1	3T-3424	2	PLUG-FELT						
	50	1	3T-3423	2	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)						

ELECTRICAL AND STARTING SYSTEM

6V-0928 STARTING MOTOR GP-ELECTRIC (contd.)

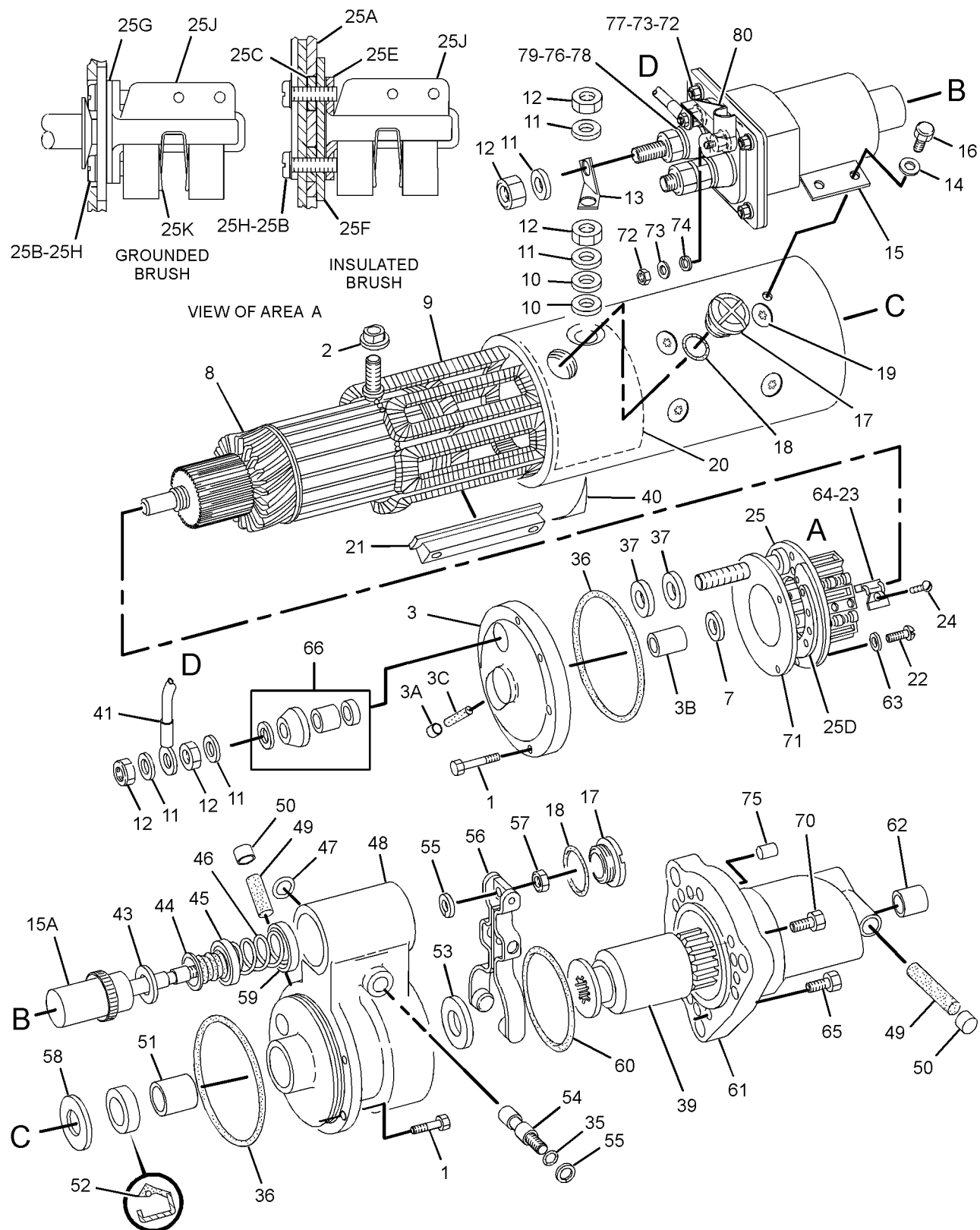
i02992183

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	54	1	4M-1854	1	SHAFT-LEVER						
	55	1	2H-3429	2	RING-RETAINING						
	56	1	4M-1853	1	LEVER AS-SHIFT						
	57	1	5M-3034	1	LOCKNUT (5/16-24-THD)						
	58	1	1M-9971	1	SPACER (0.835X1.72X0.188-IN THK)						
	59	1	4M-1827	1	RETAINER-SPRING						
	60	1	8C-3089	1	SEAL-O-RING						
	61	1	3E-7768	1	HOUSING AS						
	62	1	4M-1896	1	BUSHING-TERMINAL						
	63	1	8C-9660	3	WASHER (4.6X7.9X0.8-MM THK)						
	64	1	3T-9494	6	SPRING						
	65	1	5J-5314	5	BOLT (5/16-18X1.5-IN)						
	66	1	3N-3763	1	KIT-TERMINAL (STARTING MOTOR)						
					(INCLUDES INSULATOR, BUSHINGS, & WASHER)						
	70	1	7X-3373	1	BOLT (5/16-18X0.88-IN)						
	71	1	6N-3279	1	INSULATOR						
	72	1	4B-2049	6	NUT (10-32-THD)						
	73	1	8T-0328	10	WASHER-HARD (5.5X10X1-MM THK)						
	74	1	8F-1434	2	LOCKWASHER						
B	75	1	3T-3434	6	PLUG						
	76	1	125-6537	1	INSULATOR						
	77	1	045-4065	4	SCREW-MACHINE (10-32X0.75-IN)						
	78	1	125-6536	1	TERMINAL AS						
	79	1	7T-9123	1	GASKET-PLATE						
	80	1	125-6535	1	COVER-STARTING MOTOR						
B-USE AS REQUIRED											

ELECTRICAL AND STARTING SYSTEM

6V-0928 STARTING MOTOR GP-ELECTRIC (contd.)

i02992183



GRAPHIC #1

<END>

q01522911

ELECTRICAL AND STARTING SYSTEM

8N-8753 STARTING MOTOR GP-ELECTRIC-COLD WEATHER

S/N: RJG1-UP

24-VOLT

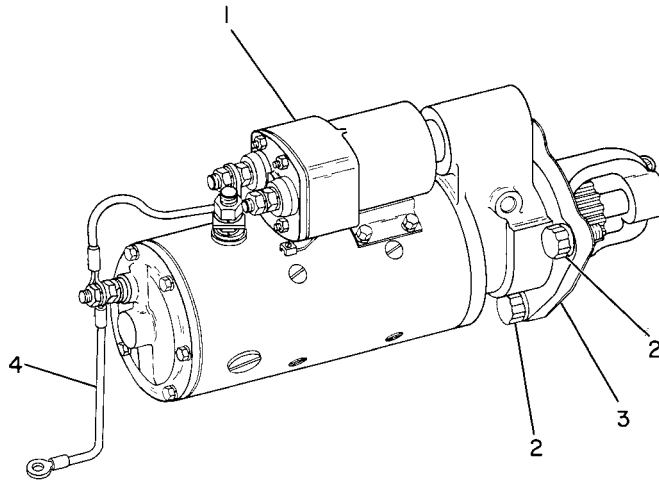
PART OF 214-1072 STARTING AR-COLD WEATHER
AN ATTACHMENT

SMCS-1453

i00596795

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
CY	1	1	6V-0928	1	STARTING MOTOR GP-ELECTRIC	485
	2	1	8S-2332	3	BOLT-12 POINT HEAD (5/8-11X1.75IN)	
	3	1	7N-6494	1	GASKET	
	4	1	5R-7755	1	WIRE AS	

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00282511

ELECTRICAL AND STARTING SYSTEM

105-4729 STARTING MOTOR GP-ELECTRIC

S/N: RJG1-UP

24-VOLT

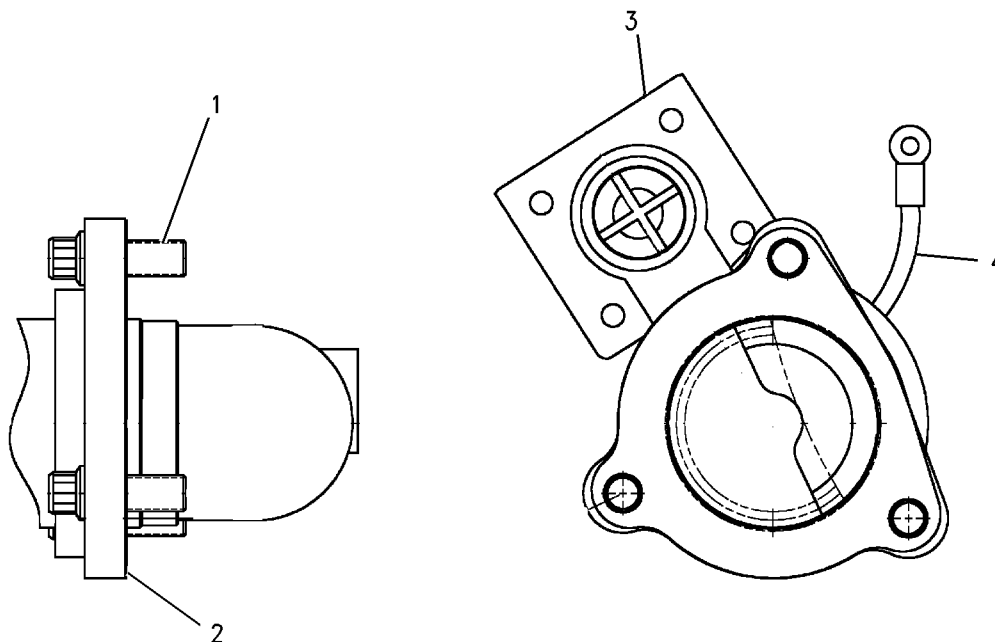
PART OF 212-2745, 267-2900 INSTALLATION AR-ENGINE

SMCS-1453

i03536200

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	8S-2332	3	BOLT-12 POINT HEAD (5/8-11X1.75-IN)	
	2	1	4N-1059	1	GASKET	
YR	3	1	237-1962	1	STARTING MOTOR GP-ELECTRIC (24-VOLT)	490
	4	1	105-4728	1	WIRE AS	

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00658745

ELECTRICAL AND STARTING SYSTEM

237-1962 STARTING MOTOR GP-ELECTRIC*R

S/N: RJG1-UP

24-VOLT

PART OF 105-4729 STARTING MOTOR GP-ELECTRIC

SMCS-1453

i02927711

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	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						
	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-BUSHING (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 (STARTING MOTOR)						
					(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 (STARTING MOTOR)						
	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	036-9821	1	WASHER						
	17	1	4M-1828	1	RETAINER-SPRING						
	18	1	306-3998	1	BOOT-RUBBER						
	19	1	9M-7609	1	SPRING (SHIFT LEVER)						
	20	1	4M-1827	1	RETAINER-SPRING						
	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						
	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	036-9823	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						

ELECTRICAL AND STARTING SYSTEM

237-1962 STARTING MOTOR GP-ELECTRIC (contd.)

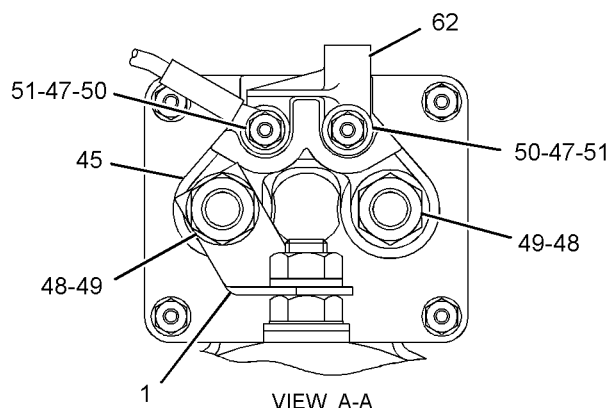
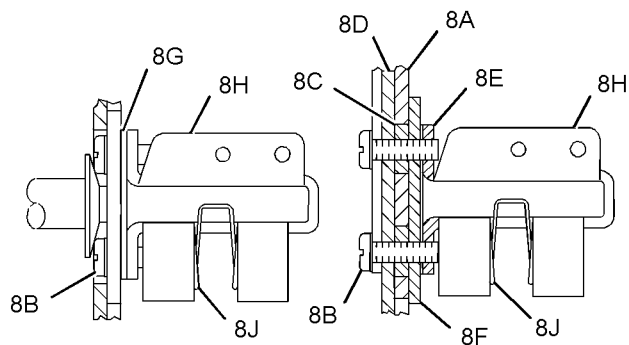
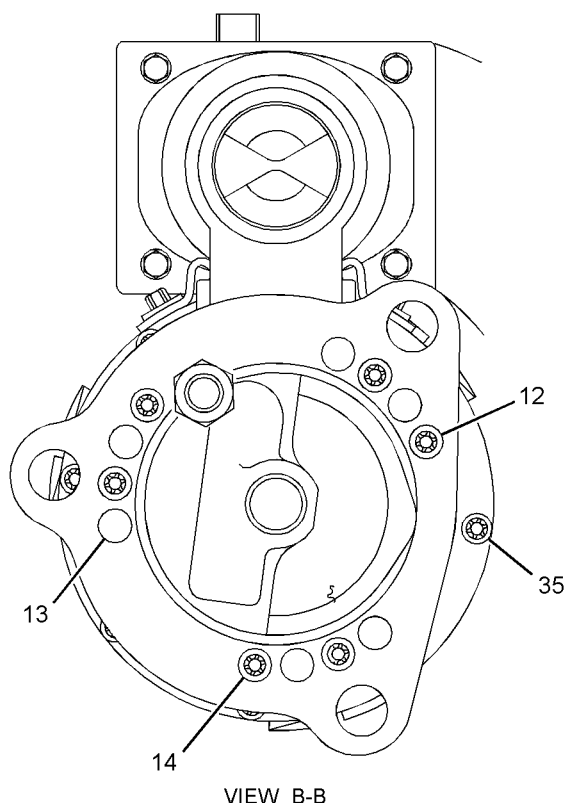
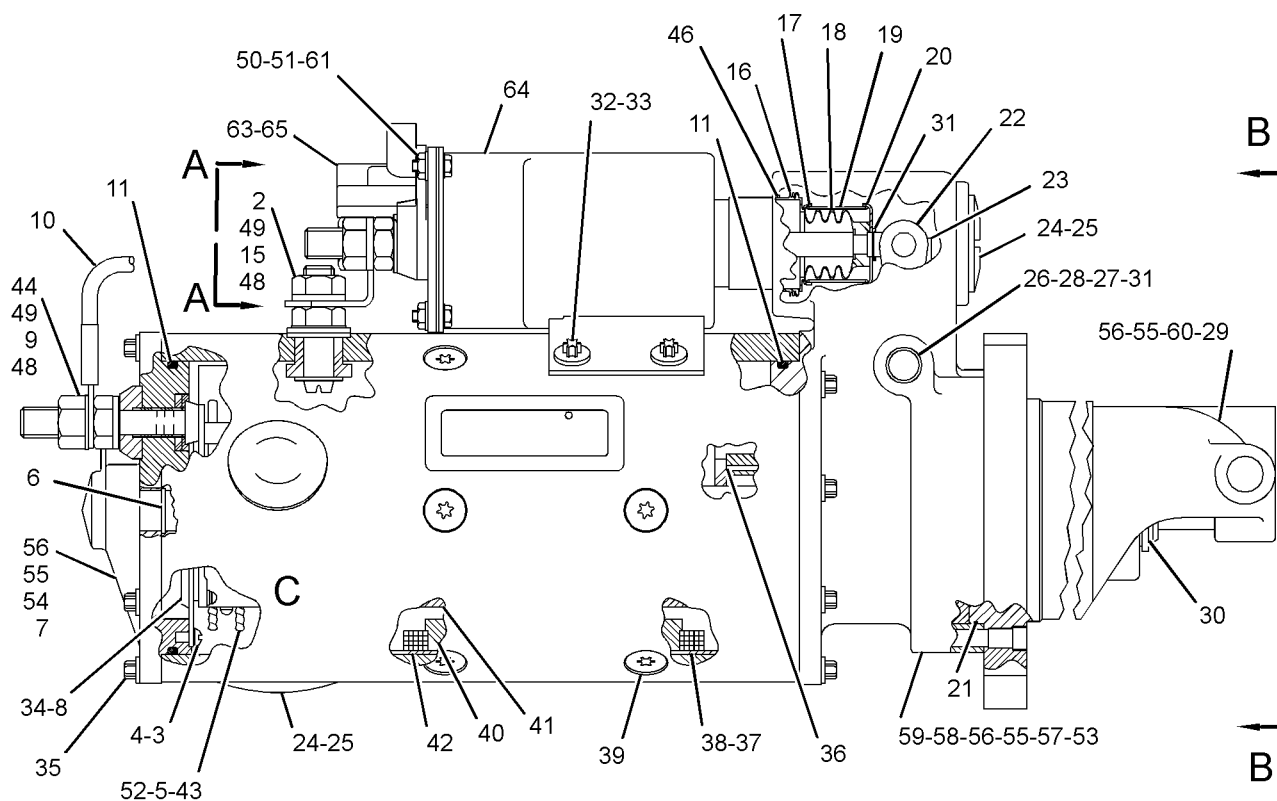
i02927711

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	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	125-6537	1	INSULATOR						
	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)						
	53	1	3E-7771	1	HOUSING AS (STARTING MOTOR)						
	54	1	9G-4101	1	BUSHING-END						
	55	1	3T-3424	3	PLUG-FELT						
	56	1	3T-3423	3	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)						
	62	1	125-6535	1	COVER-STARTING MOTOR						
	63	1	7T-9123	1	GASKET-PLATE						
	64	1	318-2082	1	SOLENOID AS-STARTING MOTOR (24-VOLT)						
	65	1	125-6536	1	TERMINAL AS						

ELECTRICAL AND STARTING SYSTEM

237-1962 STARTING MOTOR GP-ELECTRIC (contd.)

i02927711



GRAPHIC #1

<END>

g01453239

ELECTRICAL AND STARTING SYSTEM

164-7577 SWITCH GP-BYPASS-POWER TRAIN OIL FILTER

S/N: RJG1-UP

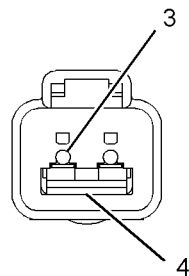
PART OF 213-7003 BATTERY & WIRING GP

SMCS-1408, 1435

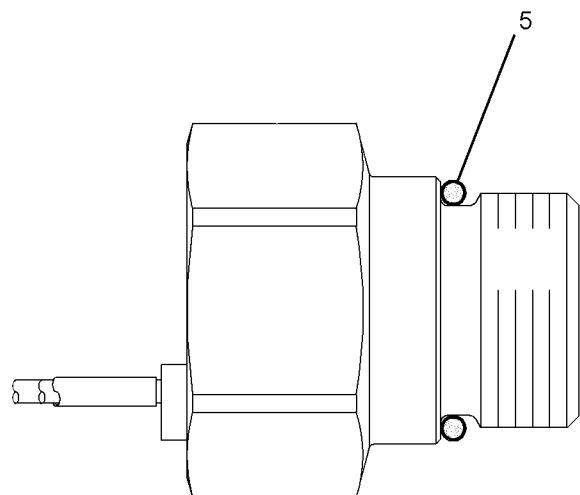
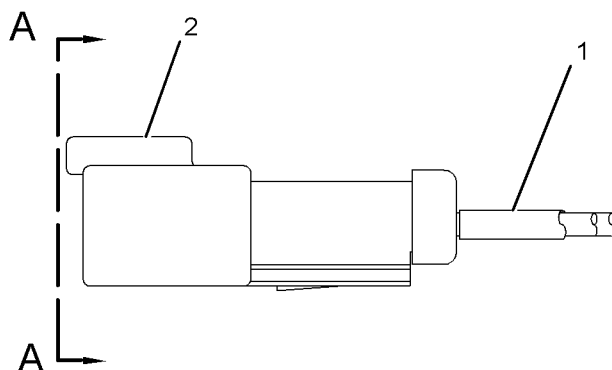
i03408087

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
E	1	1	9X-1813		SLEEVE (19-CM)						
	2	1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	3	1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)						
	4	1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2-PIN)						
	5	1	3D-2824	1	SEAL-O-RING						

E-ORDER BY THE CENTIMETER



VIEW
A-A



GRAPHIC #1

<END>

g01346436

ELECTRICAL AND STARTING SYSTEM

7N-0719 SWITCH GP-DISCONNECT-BATTERY

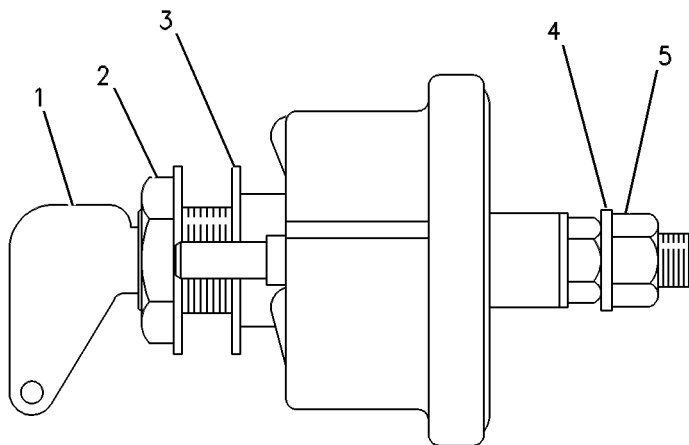
S/N: RJG1-UP

PART OF 213-7003 BATTERY & WIRING GP

SMCS-1411

i02499147

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

ELECTRICAL AND STARTING SYSTEM

306-0166 SWITCH GP-DISCONNECT

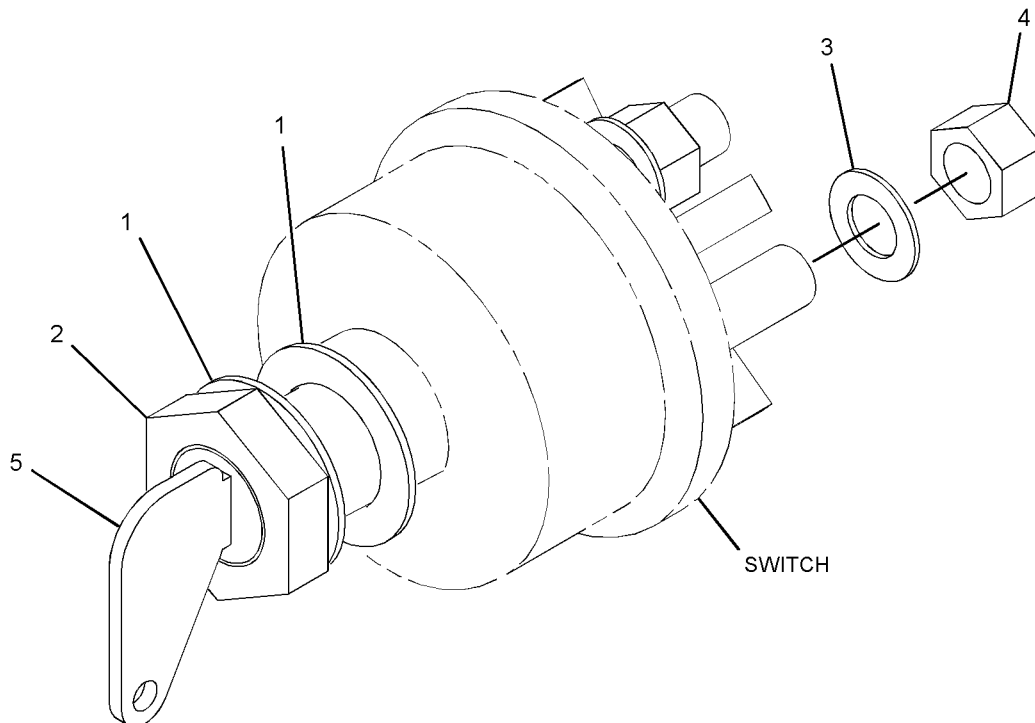
S/N: RJG1-UP

PART OF 214-1072 STARTING AR-COLD WEATHER
AN ATTACHMENT

SMCS-1411

i02848950

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2H-3922	2	LOCKWASHER						
	2	1	8H-5303	1	NUT (3/4-16-THD)						
	3	1	9F-5644	4	LOCKWASHER						
	4	1	6F-7045	4	NUT-FULL (3/8-24-THD)						
	5	1	8H-5306	1	KEY (BATTERY DISCONNECT)						



GRAPHIC #1

<END>

g01423831

ELECTRICAL AND STARTING SYSTEM

100-4417 SWITCH GP-FLOW-COOLANT

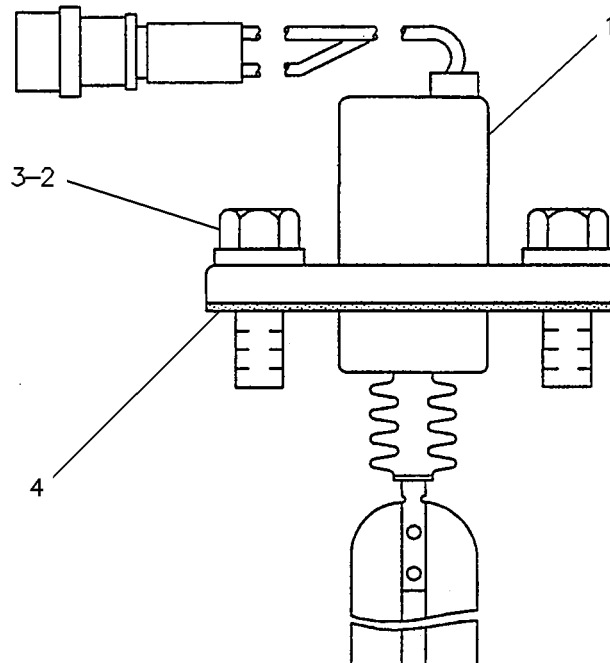
S/N: EHX1-UP

PART OF 212-2737, 212-2744, 271-2219, 271-2220 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1438

i02864761

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	171-8708	1	SWITCH GP-FLOW (ENGINE COOLANT)						
	2	1	2B-2695	2	BOLT (5/16-18X0.875-IN)						
	3	1	9M-1974	2	WASHER-HARD (8.8X16X2-MM THK)						
	4	1	4N-3841	1	GASKET						



GRAPHIC #1

<END>

g00083292

ELECTRICAL AND STARTING SYSTEM

125-1302 SWITCH GP-MAGNETIC-START RELAY

S/N: RJG1-UP

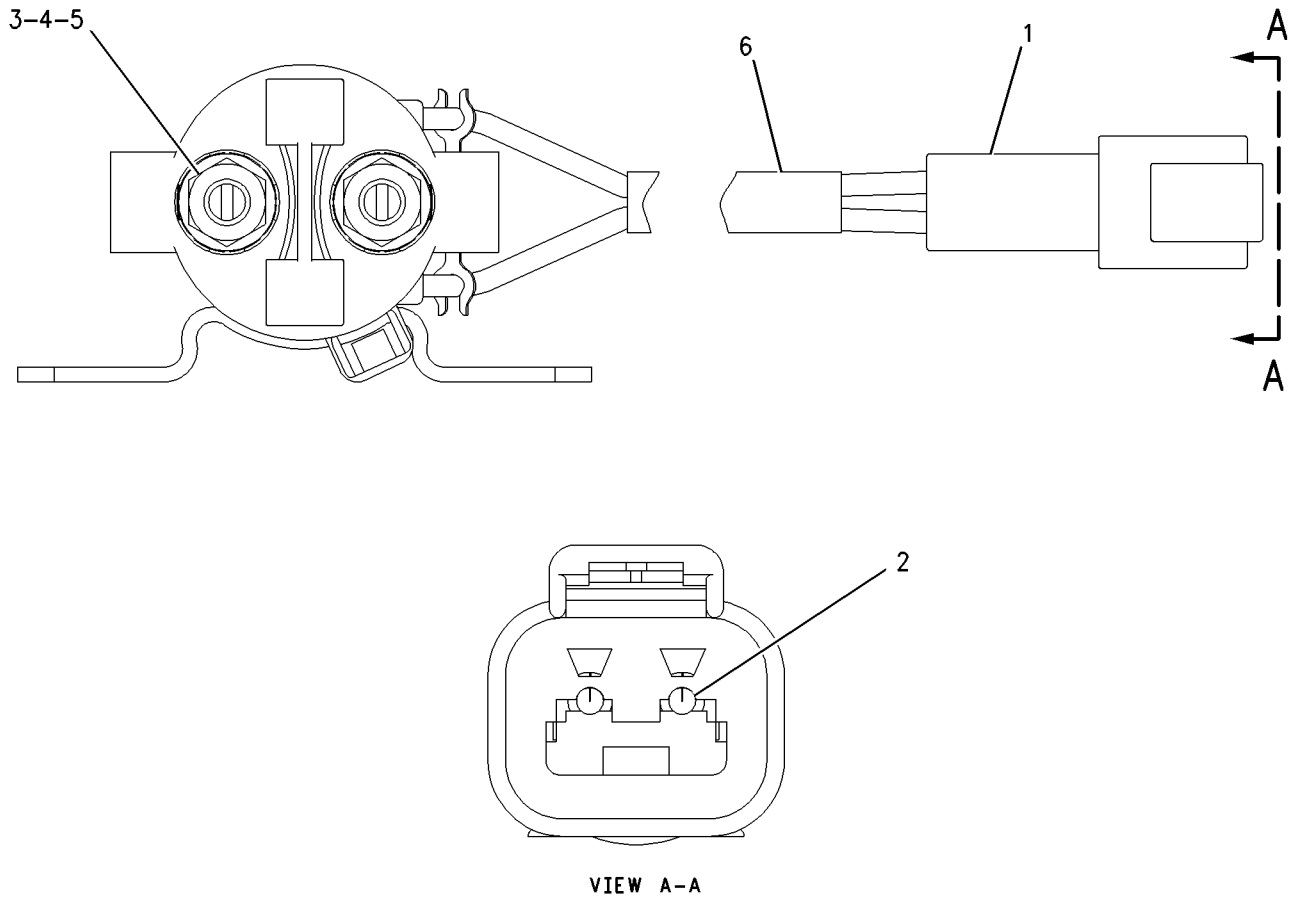
24-VOLT

PART OF 223-8176 PANEL GP-FUSE, 214-1072 STARTING AR-COLD WEATHER
ALSO AN ATTACHMENT

SMCS-7499

i03260001

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	102-8802	1	1 2 3 4 5 6 (PRODUCT LEVEL) 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	012-0380	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

ELECTRICAL AND STARTING SYSTEM

241-8368 SWITCH GP-MAGNETIC-MAIN RELAY

S/N: RJG1-UP

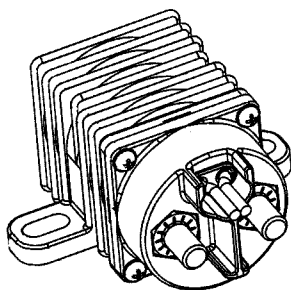
24-VOLT

PART OF 223-8176 PANEL GP-FUSE

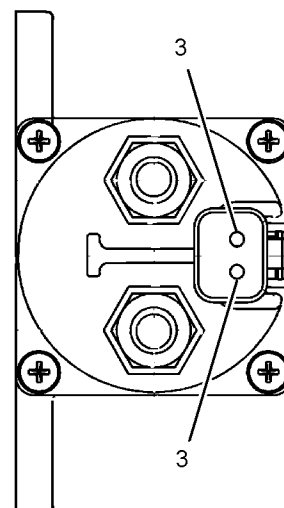
SMCS-7499

i03345987

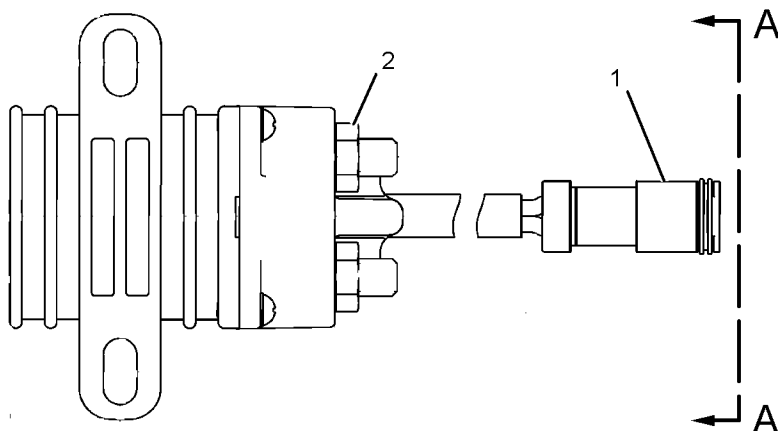
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
					(INCLUDES PLUG AS & WEDGE)						
	2	1	4F-2294	2	NUT-JAM (5/16-24-THD)						
	3	1	186-3736	2	SOCKET-CONNECTOR (16-GA TO 18-GA)						



ISOMETRIC VIEW



VIEW A-A



GRAPHIC #1

<END>

g01077362

ELECTRICAL AND STARTING SYSTEM

258-0883 SWITCH GP-PRESSURE

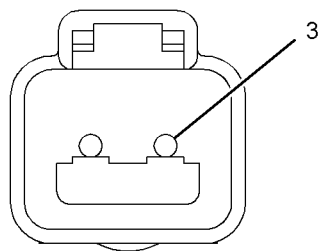
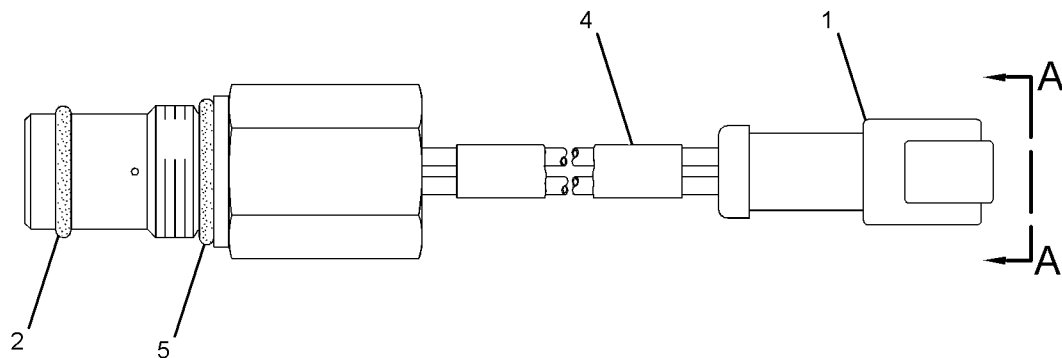
S/N: EHX1-UP

PART OF 235-6504, 279-5730 FILTER GP-SECONDARY FUEL
ALSO AN ATTACHMENT

SMCS-7400, 7421

i03540160

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	2	1	9X-7737	1	SEAL-O-RING						
	3	1	186-3735	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											



VIEW A-A

GRAPHIC #1

<END>

g01862835

ELECTRICAL AND STARTING SYSTEM

158-6632 SWITCH GP-PUSH BUTTON-HORN

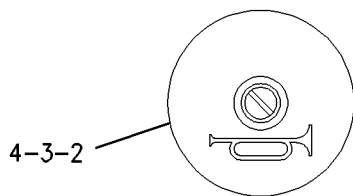
S/N: RJG1-UP

PART OF 218-7063 WIRING GP-PLATFORM

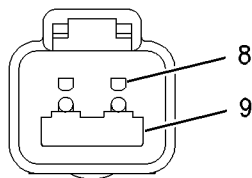
SMCS-1435, 7332

i03297836

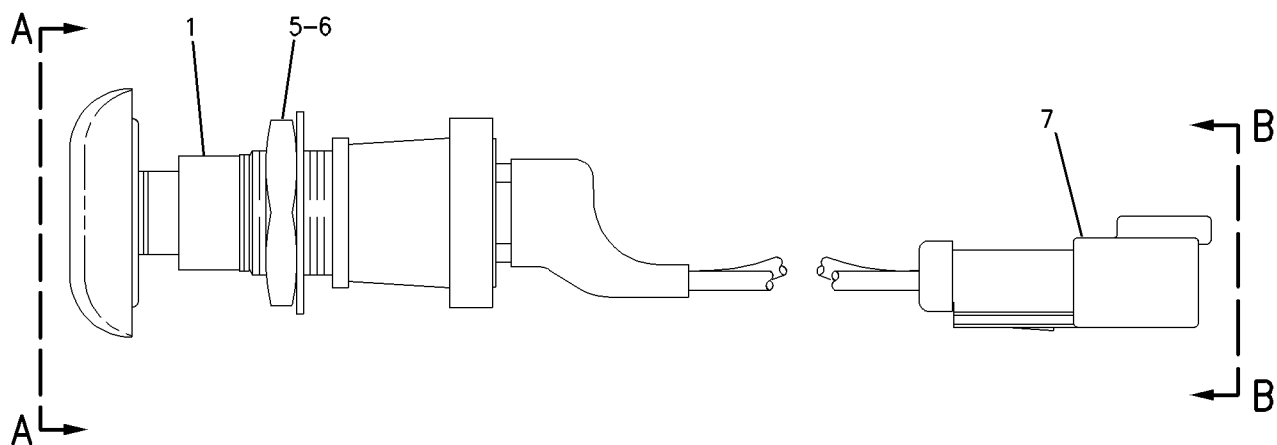
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-0199	1	BOOT-SWITCH						
	2	1	7T-9515	1	KNOB-HORN						
	3	1	5L-7200	1	SCREW (8-32X0.375-IN)						
	4	1	3B-4501	1	LOCKWASHER						
	5	1	6V-8370	1	NUT-HEX (3/4-32-THD)						
	6	1	2H-3922	1	LOCKWASHER						
	7	1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	8	1	9X-3401	2	PIN-CONNECTOR (16-GA TO 18-GA)						
	9	1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2-PIN)						



VIEW A-A



VIEW B-B



GRAPHIC #1

<END>

g00942674

ELECTRICAL AND STARTING SYSTEM

165-5970 SWITCH GP-TOGGLE-FUEL PRIMING PUMP ON, OFF

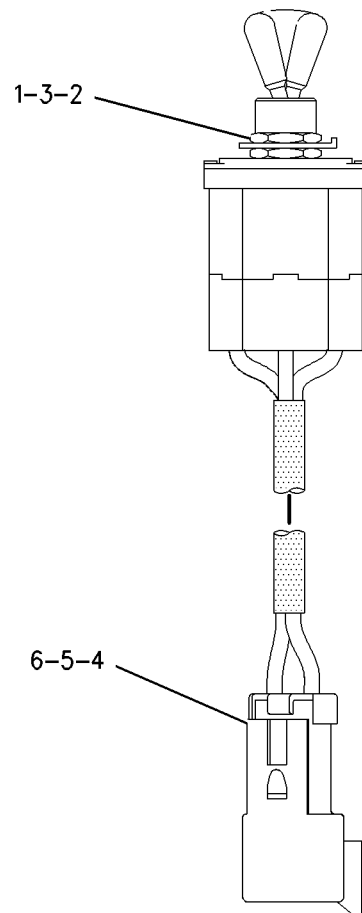
S/N: RJG1-UP

PART OF 213-0047 FILTER & LINES GP-FUEL

SMCS-7332

i02612568

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	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	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)						
	6	1	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)						



GRAPHIC #1

<END>

g00749466

ELECTRICAL AND STARTING SYSTEM

275-7741 SWITCH GP-WIPER-INTERMITTENT

S/N: RJG1-UP

24-VOLT

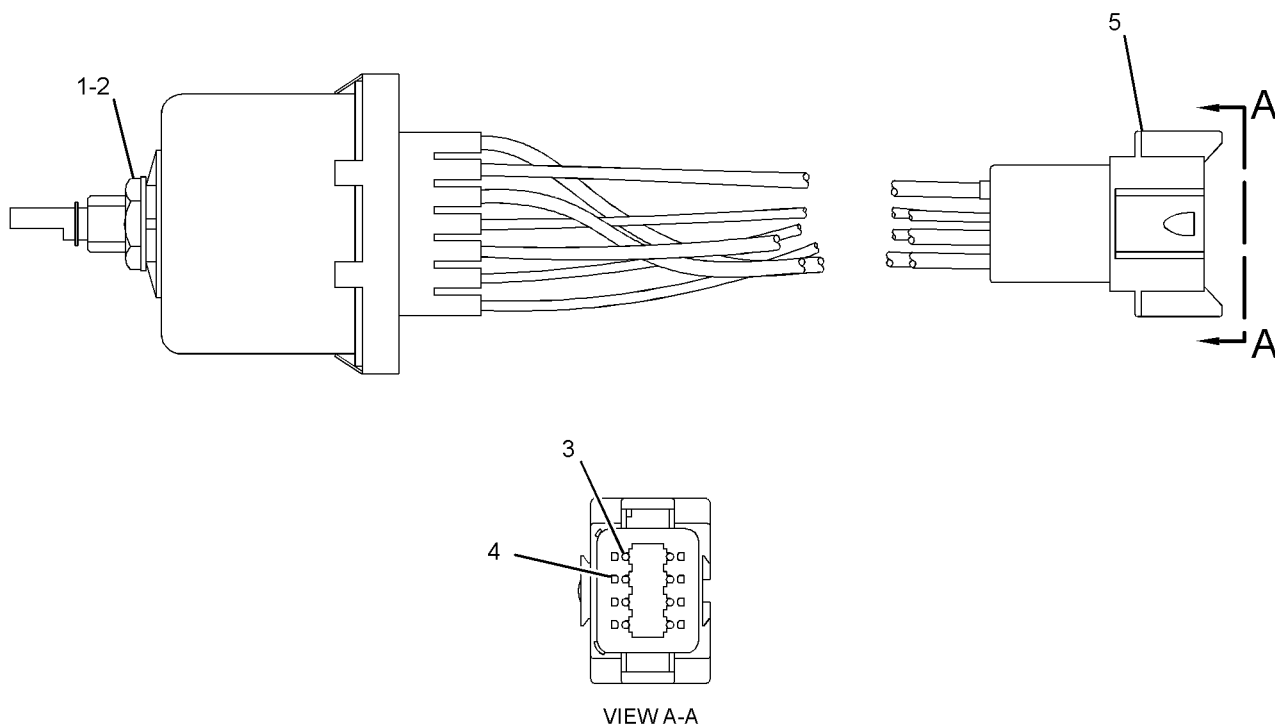
PART OF 231-9290 PANEL GP-CONTROL

ALSO AN ATTACHMENT

SMCS-7305, 7332

i02895040

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	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	186-3735	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

ELECTRICAL AND STARTING SYSTEM

239-1134 VALVE GP-ETHER STARTING

S/N: RJG1-UP

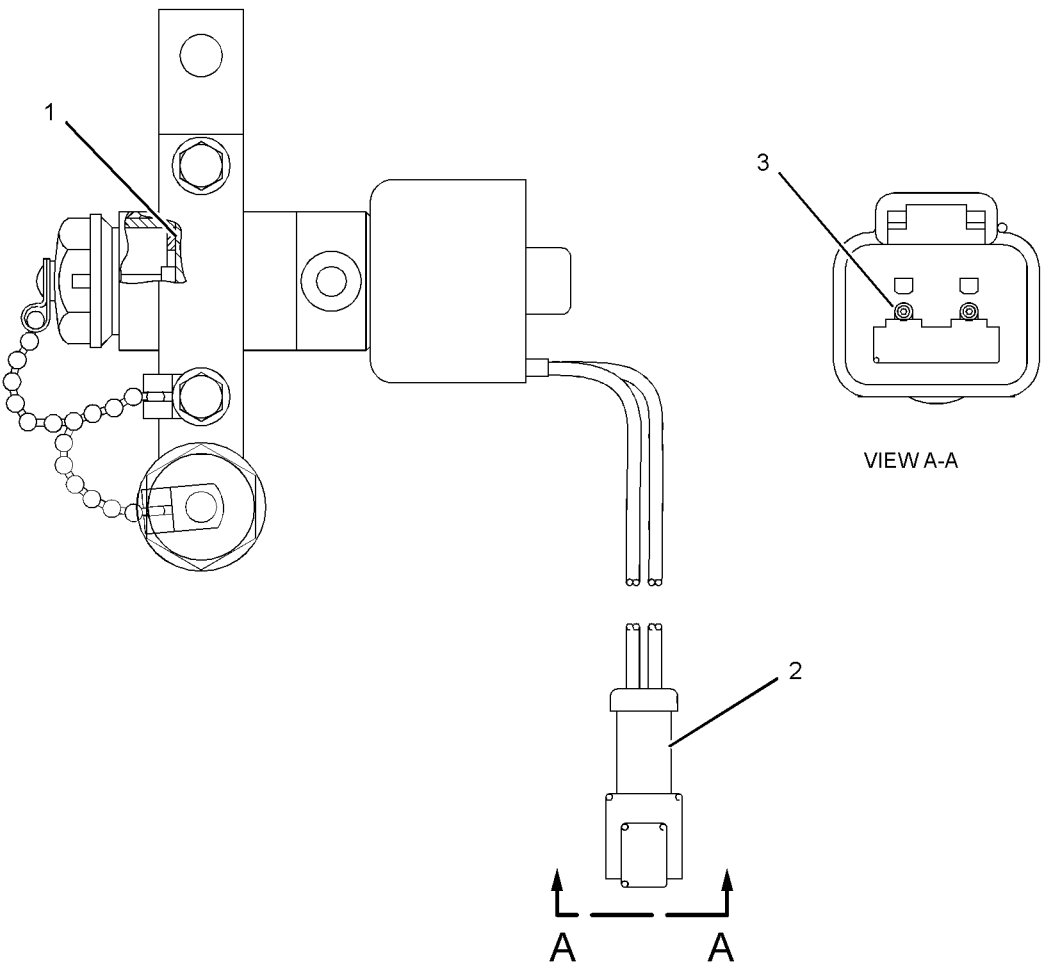
24-VOLT

PART OF 221-1814 STARTING AID GP-ETHER

SMCS-1456

i03159431

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7N-9801	1	GASKET						
	2	1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	3	1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)						



g01375620

ELECTRICAL AND STARTING SYSTEM

214-4763 WIRING GP-CAB

S/N: RJG1-UP

PART OF 213-1100, 286-9188, 295-0710 CAB AR
ALSO AN ATTACHMENT

SMCS-1408, 7301

i02661475

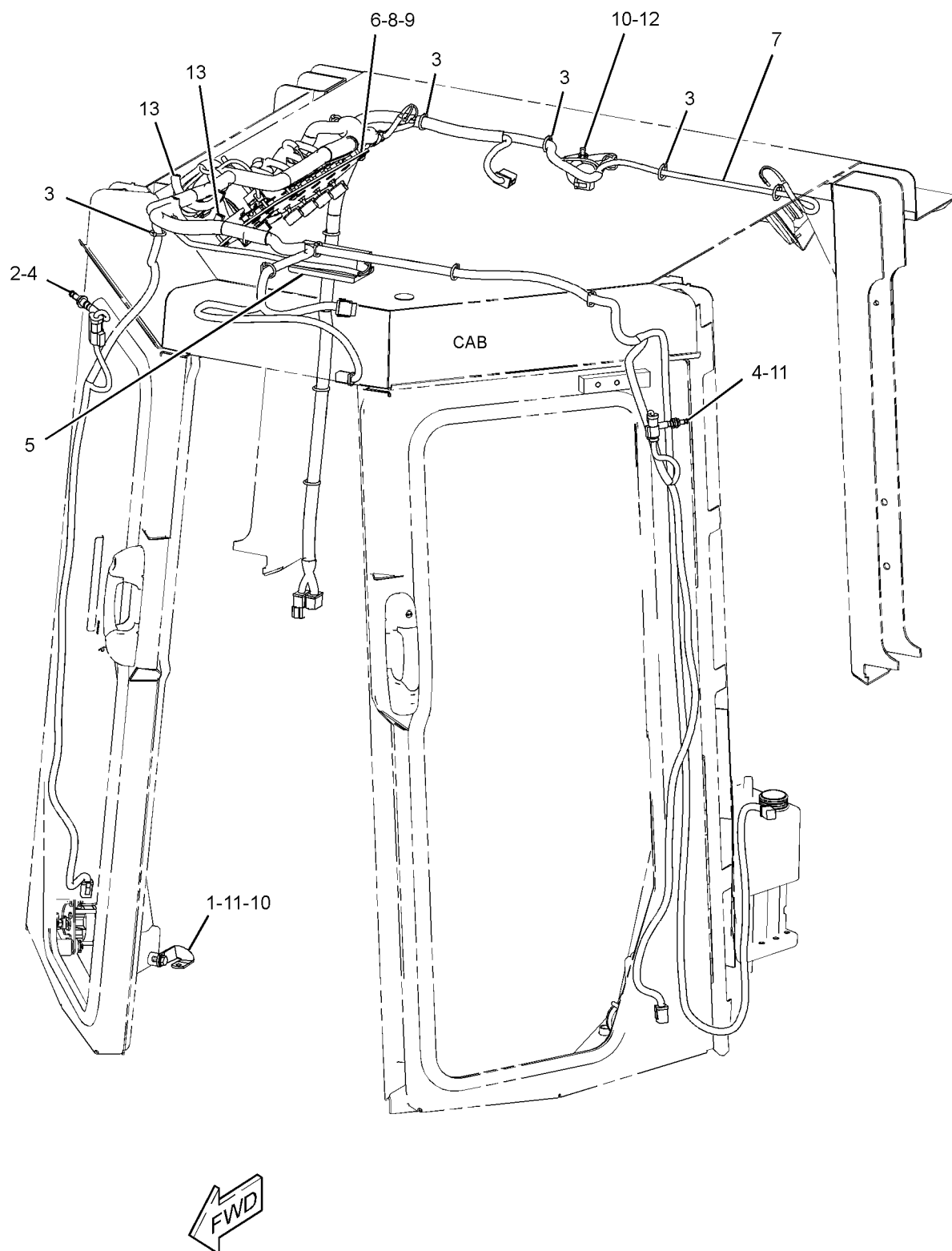
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1S-2342	1	STRAP AS-GROUND	
	2	1	6T-8115	2	NUT (1/2-24-THD)	
B	3	1	7K-1181	20	STRAP-CABLE	
	4	1	221-0851	2	SWITCH AS-LIMIT (DOME LIGHT)	
					(EACH INCLUDES)	
		1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)	
		1	105-8034	1	SWITCH AS-LIMIT (DOME LIGHT)	
		1	110-0203	1	CONNECTOR AS	
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	9X-3401	3	PIN-CONNECTOR (16-GA TO 18-GA)	
	5	1	226-2811	1	LAMP AS-DOME	
		1	9X-4493	1	LAMP (24-VOLT, 21-WATT)	
Y	6	1	231-9290	1	PANEL GP-CONTROL (OVERHEAD)	1150
	7	1	312-2959	1	HARNESS AS-CAB	
M	8	1	3E-8020	6	SCREW-TRUSS HEAD (M6X1X25-MM)	
	9	1	5P-4115	6	WASHER-HARD (7.2X19X2-MM THK)	
	10	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)	
M	11	1	8T-4137	1	BOLT (M10X1.5X20-MM)	
M	12	1	8T-4191	1	BOLT (M10X1.5X16-MM)	
D	13	1	5P-7086		TRIM (0.125-M EACH)	

B-USE AS REQUIRED
D-ORDER BY THE METER
M-METRIC PART
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

214-4763 WIRING GP-CAB (contd.)

i02661475



GRAPHIC #1

<END>

g01396064

ELECTRICAL AND STARTING SYSTEM

248-6886 WIRING GP-ELECTRONIC CONTROL

S/N: EHX1-UP

PART OF 212-2737, 212-2744, 271-2219, 271-2220 ENGINE AR-COMPLETE
ALSO AN ATTACHMENT

SMCS-1408, 1900

i02462963

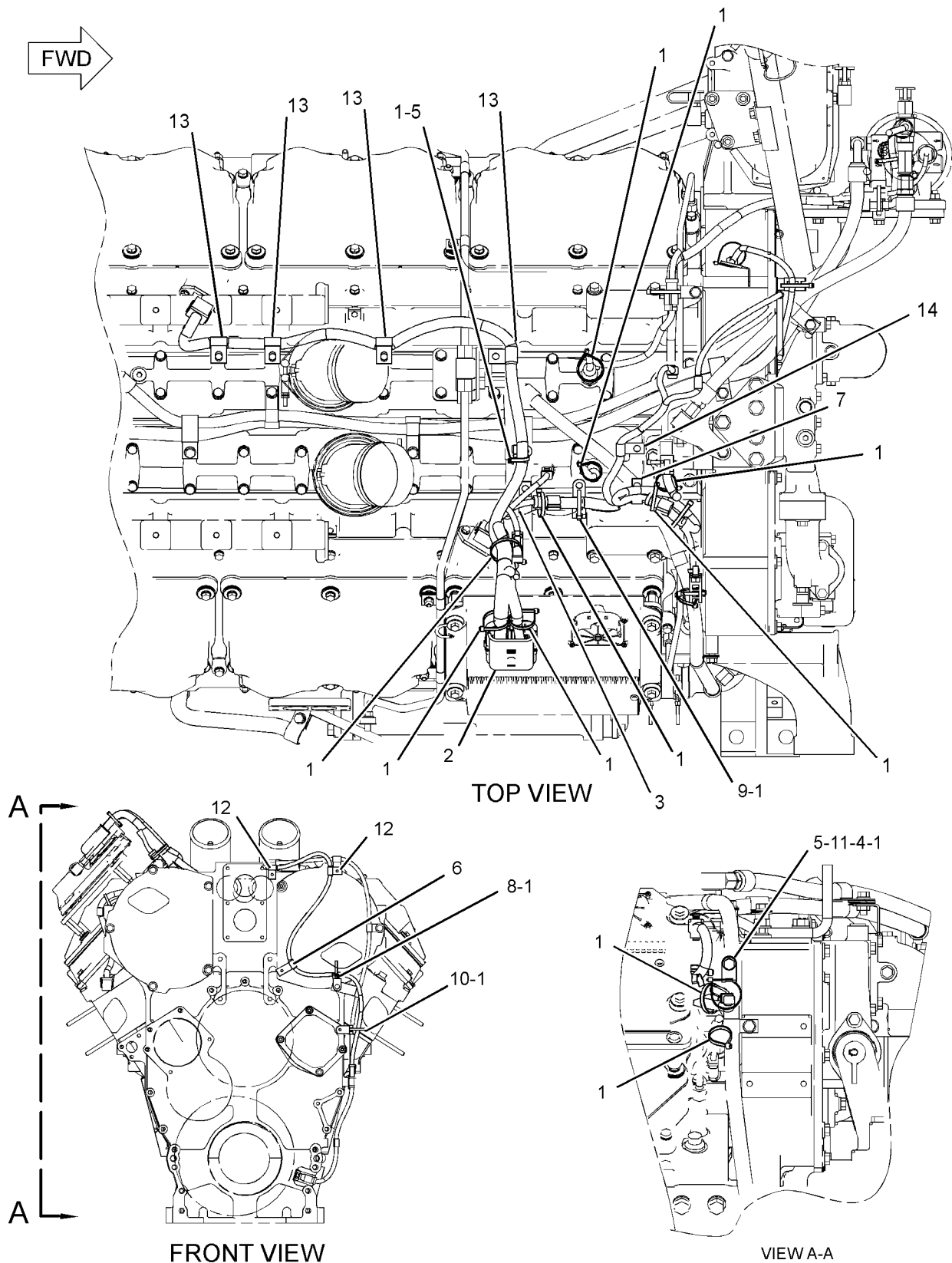
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	15	STRAP-CABLE (PLASTIC)						
	2	1	267-4524	1	HARNESS AS-SENSOR (ELECTRONIC CONTROL MODULE)						
		1	211-6807	1	COVER (CONNECTOR)						
E		1	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (7-CM)						
E		1	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (15-CM)						
E		1	125-7876		TUBE-HEAT SHRINK (17.78-MM DIA) (50-CM)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		1	102-8803	3	KIT-RECEPTACLE (3-PIN)						
					(EACH INCLUDES RECEPTACLE AS AND WEDGE)						
		1	155-2255	2	KIT-CONNECTING PLUG (12-PIN)						
					(EACH INCLUDES PLUG AS, INTERFACE SEAL, AND WEDGE)						
		1	102-8806	1	KIT-RECEPTACLE (8-PIN)						
					(INCLUDES PLUG AS AND WEDGE)						
		1	155-2270	5	KIT-CONNECTING PLUG (2-PIN)						
					(EACH INCLUDES PLUG AS, INTERFACE SEAL, AND WEDGE)						
		1	227-4002	1	PLUG AS-CONNECTOR (108-PIN)						
3		1	067-2551	1	CLIP						
4		1	0S-0509	1	BOLT (3/8-16X0.75-IN)						
5		1	132-5789	2	CLIP						
6		1	4D-8123	1	CLIP						
7		1	4K-8864	1	CLIP						
8		1	4P-7429	1	CLIP						
9		1	4P-7581	1	CLIP						
10		1	4P-8134	1	CLIP						
11		1	5M-2894	1	WASHER-HARD (10.2X18.5X2.5-MM THK)						
12		1	5P-9085	2	CLIP						
13		1	6D-3479	4	CLIP						
14		1	6V-3265	1	CLIP						

E-ORDER BY THE CENTIMETER

ELECTRICAL AND STARTING SYSTEM

248-6886 WIRING GP-ELECTRONIC CONTROL (contd.)

i02462963



GRAPHIC #1

<END>

g01184350

ELECTRICAL AND STARTING SYSTEM

248-6886 WIRING GP-ELECTRONIC CONTROL

S/N: EHX2581-UP

PART OF 271-2219, 271-2220 ENGINE AR-COMplete

ALSO AN ATTACHMENT

SMCS-1408, 1900

i03539660

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	1	1	3S-2093	15	STRAP-CABLE (PLASTIC)						
	2	1	296-7520	1	HARNESS AS-SENSOR						
		1	264-5732	1	PLUG AS-CONNECTOR (120-PIN)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	102-8803	3	KIT-RECEPTACLE (3-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2255	2	KIT-CONNECTING PLUG (12-PIN)						
					(EACH INCLUDES PLUG AS,WEDGE, & INTERFACE SEAL)						
		1	155-2265	1	KIT-CONNECTING PLUG (8-PIN)						
					(INCLUDES PLUG AS,WEDGE, & INTERFACE SEAL)						
		1	155-2270	5	KIT-CONNECTING PLUG (2-PIN)						
					(EACH INCLUDES PLUG AS,WEDGE, & INTERFACE SEAL)						
		1	211-6807		COVER (CONNECTOR)						
	3	1	067-2551	1	CLIP						
	4	1	0S-0509	1	BOLT (3/8-16X0.75-IN)						
	5	1	132-5789	2	CLIP						
	6	1	4D-8123	1	CLIP						
	7	1	4K-8864	1	CLIP						
	8	1	4P-7429	1	CLIP						
	9	1	4P-7581	1	CLIP						
	10	1	4P-8134	1	CLIP						
	11	1	5M-2894	1	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	12	1	5P-9085	2	CLIP						
	13	1	6D-3479	4	CLIP						
	14	1	6V-3265	1	CLIP						

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067-2551

0S-0509

132-5789

4D-8123

4K-8864

4P-7429

4P-7581

4P-8134

5M-2894

5P-9085

6D-3479

6V-3265

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2

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2

4

1

CLIP

BOLT (3/8-16X0.75-IN)

CLIP

CLIP

CLIP

CLIP

CLIP

CLIP

CLIP

WASHER-HARD (10.2X18.5X2.5-MM THK)

CLIP

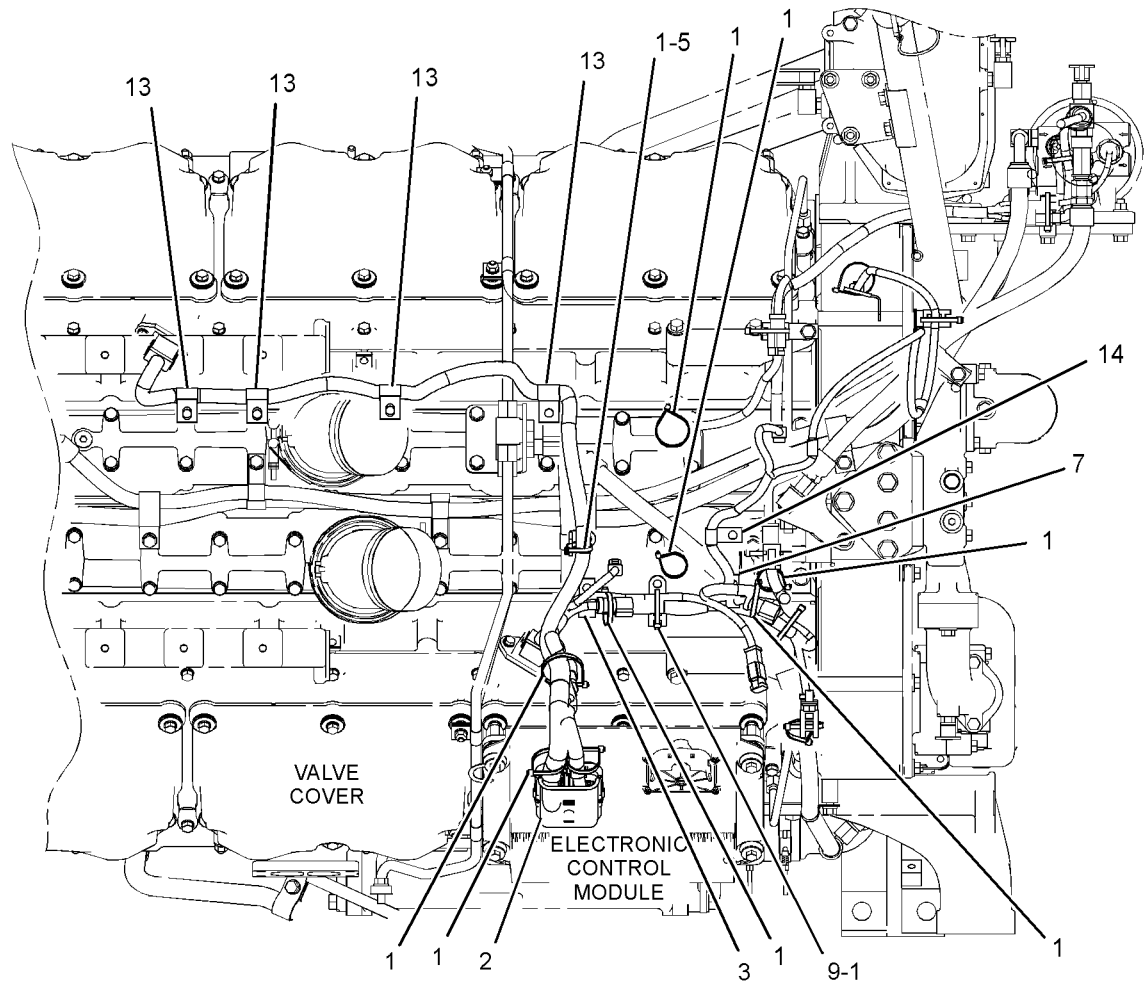
CLIP

C-CHANGE FROM PREVIOUS TYPE

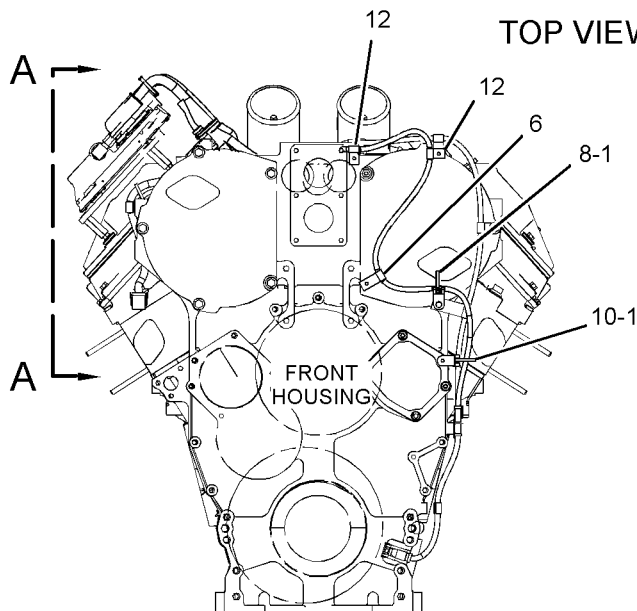
ELECTRICAL AND STARTING SYSTEM

248-6886 WIRING GP-ELECTRONIC CONTROL (contd.)

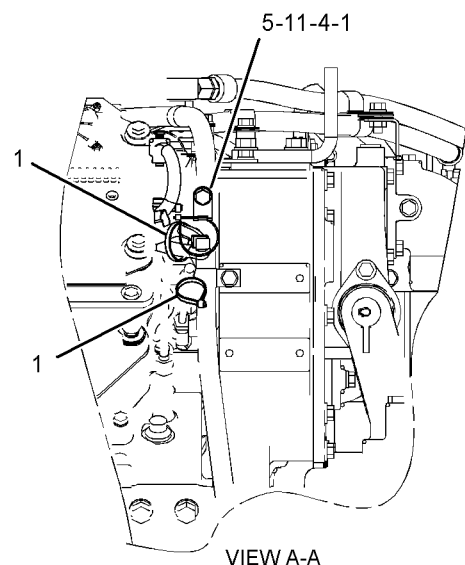
i03539660



TOP VIEW OF ENGINE



FRONT VIEW OF ENGINE



VIEW A-A

GRAPHIC #1

<END>

g01418001

ELECTRICAL AND STARTING SYSTEM

213-7004 WIRING GP-ENGINE

S/N: RJG1-231

PART OF 212-2745 INSTALLATION AR-ENGINE

SMCS-1000, 1408

i03536201

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1, 2	7N-1277	2	BRACKET AS	
					(EACH INCLUDES)	
		1, 2	1F-0750	1	NUT-WELD (3/8-16-THD)	
	2	1	9G-7101	9	SPACER (10.5X20X30-MM THK)	
	3	1, 2	9M-4136	2	SPACER (0.438X0.75X0.5-IN THK)	
	4	2	9X-0263	1	ADAPTER	
Y	5	1	145-7028	1	SENSOR GP-TEMPERATURE (TORQUE CONVERTER OIL)	469
Y	6	1	189-5746	1	SENSOR GP-SPEED (TORQUE CONVERTER)	463
	7	1, 2	204-8000	6	MOUNT (TIE WRAP)	
	8	2	205-3079	1	ADAPTER	
	9	1	208-4622	1	STRAP AS	
	10	1	213-7006	1	HARNESS AS-ENGINE	
		1	110-8769	1	WIRE AS	
		1	126-1774	1	COVER-CONNECTOR	
		1	102-8802	2	KIT-RECEPTACLE (2-PIN)	
		1	102-8803	2	KIT-RECEPTACLE (3-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
		1	134-2540	1	RECEPTACLE AS (3-PIN)	
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2257	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	7	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)	
		1	174-0503	1	KIT-CONNECTING PLUG (3-PIN)	
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
		1	160-7689	1	PLUG AS-CONNECTOR (70-PIN)	
		1	121-2844	1	HARNESS AS-WIRING (CRANK WITHOUT INJECT)	
		1	209-6630	1	TAG-INFORMATION	
		1	102-8803	2	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
					(INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
	11	1	213-7009	1	CABLE AS (ALTERNATOR)	
		1	1S-4915	4	LINER (CONDUIT)	
		1	1S-7251	1	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)	
E		1	5P-0695		CONDUIT (345-CM)	
E		1	5P-0760		CABLE (00-GA, RED) (380-CM)	
		1	8N-0869	2	COVER-TERMINAL (RED)	
E		1	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (32-CM)	
E		1	114-8843		SLEEVE-PLASTIC (40-CM)	
		1	170-3794	1	RING-TERMINAL	
	12	1	239-2240	1	BRACKET AS	
	13	1	0L-1143	4	BOLT (3/8-16X2.5-IN)	
	14	1	0S-1590	2	BOLT (3/8-16X2-IN)	
	15	1, 2	104-6202	2	CLIP	
	16	1, 2	132-5789	3	CLIP	
Y	17	2	161-9926	1	SENSOR GP-PRESSURE (TURBO INLET)	455
	18	1, 2	193-3973	6	STRAP-CABLE	
	19	1, 2	1S-0994	5	CLIP	
Y	20	2	237-0957	1	SENSOR GP-PRESSURE (FAN PUMP)	459
	21	1	3E-4353	2	WASHER-HARD (11X25X3-MM THK)	
	22	2	3J-1907	1	SEAL-O-RING	
	23	2	3J-7354	1	SEAL-O-RING	
	24	1	4L-6454	3	BOLT (3/8-16X1-IN)	

ELECTRICAL AND STARTING SYSTEM

213-7004 WIRING GP-ENGINE (contd.)

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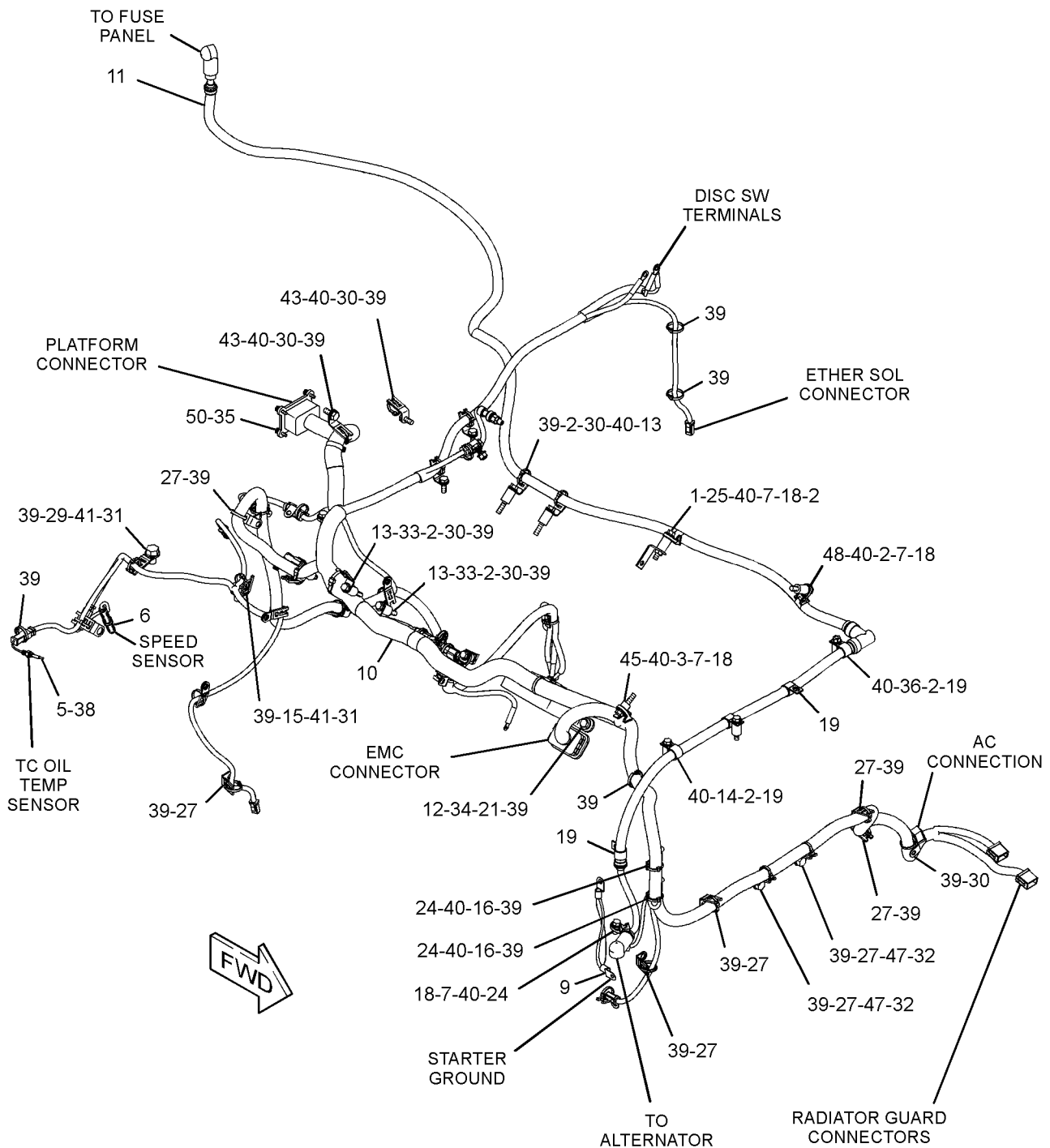
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	25	1	4L-6459	1	BOLT (3/8-16X2.5-IN)						
	26	2	4P-7428	3	CLIP						
	27	1,2	4P-7429	10	CLIP						
	28	2	4P-7581	2	CLIP						
	29	1	4P-7582	1	CLIP						
	30	1,2	4P-8134	11	CLIP						
	31	1	5C-6266	2	BOLT (5/8-11X1-IN)						
	32	1	5P-2228	2	BOLT (1/2-13X1-IN)						
	33	1,2	6V-5839	7	WASHER (11X21X2.5-MM THK)						
M	34	1	6V-6317	2	BOLT (M10X1.5X20-MM)						
M	35	1	6V-7357	4	BOLT (M6X1X25-MM)						
	36	1	6V-8801	1	NUT (3/8-16-THD)						
	37	2	6V-9028	1	SEAL-O-RING						
	38	1	7J-0204	1	SEAL-O-RING						
	39	1,2	7K-1181	44	STRAP-CABLE						
	40	1,2	8T-4121	20	WASHER-HARD (11X21X2.5-MM THK)						
	41	1	8T-4122	2	WASHER-HARD (17X32X3.5-MM THK)						
M	42	2	8T-4133	1	NUT (M10X1.5-THD)						
M	43	1	8T-4136	2	BOLT (M10X1.5X25-MM)						
M	44	2	8T-4137	1	BOLT (M10X1.5X20-MM)						
M	45	1	8T-4185	1	BOLT (M10X1.5X50-MM)						
M	46	2	8T-4195	4	BOLT (M10X1.5X30-MM)						
	47	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						
M	48	1	8T-6466	1	BOLT (M10X1.5X60-MM)						
	49	2	9B-7237	1	BOLT (3/8-16X1.25-IN)						
	50	1	9X-8256	4	WASHER (6.6X12X2-MM THK)						
	51	2	269-5324	1	PLATE AS						
	52	2	4T-8050	1	SPACER (11X19X57-MM THK)						
	53	2	0T-0065	1	BOLT (3/8-16X3.5-IN)						

E-ORDER BY THE CENTIMETER
M-METRIC PART
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

213-7004 WIRING GP-ENGINE (contd.)

i03536201



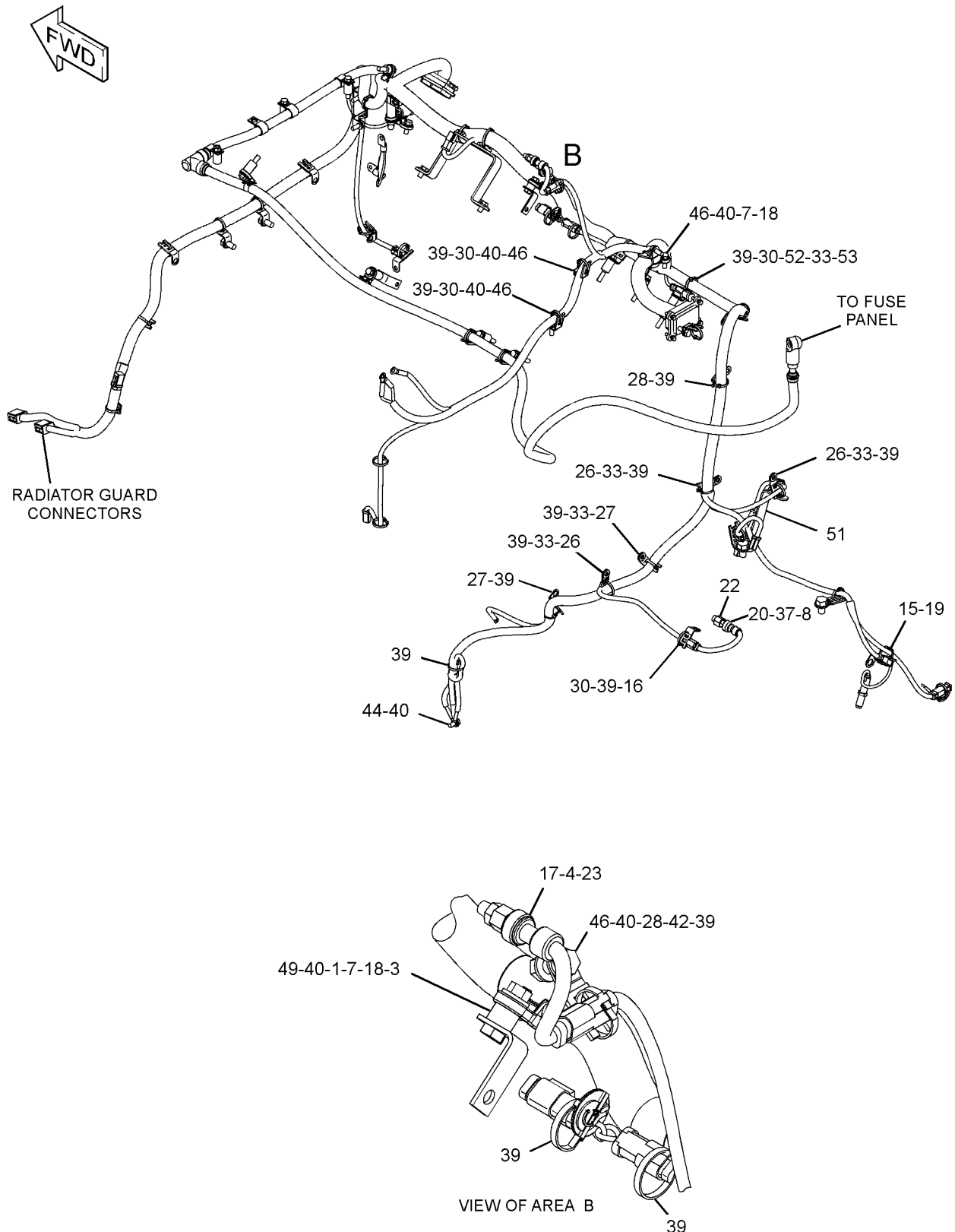
GRAPHIC #1

g01194583

ELECTRICAL AND STARTING SYSTEM

213-7004 WIRING GP-ENGINE (contd.)

i03536201



GRAPHIC #2

<END>

g01194587

ELECTRICAL AND STARTING SYSTEM

213-7004 WIRING GP-ENGINE

S/N: RJG232-528

PART OF 212-2745 INSTALLATION AR-ENGINE

SMCS-1000, 1408

i03536202

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	4T-8050	1	SPACER (11X19X57-MM THK)	
	2	1	7N-1277	2	BRACKET AS	
					(EACH INCLUDES)	
		1	1F-0750	1	NUT-WELD (3/8-16-THD)	
	3	1	9G-7101	9	SPACER (10.5X20X30-MM THK)	
	4	1	9M-4136	2	SPACER (0.438X0.75X0.5-IN THK)	
	5	1	9X-0263	1	ADAPTER	
Y	6	1	145-7028	1	SENSOR GP-TEMPERATURE (TORQUE CONVERTER OIL)	469
Y	7	1	189-5746	1	SENSOR GP-SPEED (TORQUE CONVERTER)	463
C	8	1	204-8000	7	MOUNT (TIE WRAP)	
	9	1	205-3079	1	ADAPTER	
	10	1	208-4622	1	STRAP AS	
	11	1	213-7006	1	HARNESS AS-ENGINE	
		1	110-8769	1	WIRE AS	
		1	126-1774	1	COVER-CONNECTOR	
		1	102-8802	2	KIT-RECEPTACLE (2-PIN)	
		1	102-8803	2	KIT-RECEPTACLE (3-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
		1	134-2540	1	RECEPTACLE AS (3-PIN)	
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2257	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	7	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)	
		1	174-0503	1	KIT-CONNECTING PLUG (3-PIN)	
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
		1	160-7689	1	PLUG AS-CONNECTOR (70-PIN)	
		1	121-2844	1	HARNESS AS-WIRING (CRANK WITHOUT INJECT)	
		1	209-6630	1	TAG-INFORMATION	
		1	102-8803	2	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
					(INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
	12	1	213-7009	1	CABLE AS (ALTERNATOR)	
		1	1S-4915	4	LINER (CONDUIT)	
		1	1S-7251	1	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)	
E		1	5P-0695		CONDUIT (345-CM)	
E		1	5P-0760		CABLE (00-GA, RED) (380-CM)	
		1	8N-0869	2	COVER-TERMINAL (RED)	
E		1	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (32-CM)	
E		1	114-8843		SLEEVE-PLASTIC (40-CM)	
		1	170-3794	1	RING-TERMINAL	
	13	1	239-2240	1	BRACKET AS	
	14	1	269-5324	1	PLATE AS	
	15	1	0L-1143	4	BOLT (3/8-16X2.5-IN)	
	16	1	0S-1590	2	BOLT (3/8-16X2-IN)	
	17	1	0T-0065	1	BOLT (3/8-16X3.5-IN)	
	18	1	104-6202	2	CLIP	
	19	1	132-5789	3	CLIP	
Y	20	1	161-9926	1	SENSOR GP-PRESSURE (TURBO INLET)	455
C	21	1	193-3973	7	STRAP-CABLE	
	22	1	1S-0994	5	CLIP	
Y	23	1	237-0957	1	SENSOR GP-PRESSURE (FAN PUMP)	459
	24	1	3E-4353	2	WASHER-HARD (11X25X3-MM THK)	

ELECTRICAL AND STARTING SYSTEM

213-7004 WIRING GP-ENGINE (contd.)

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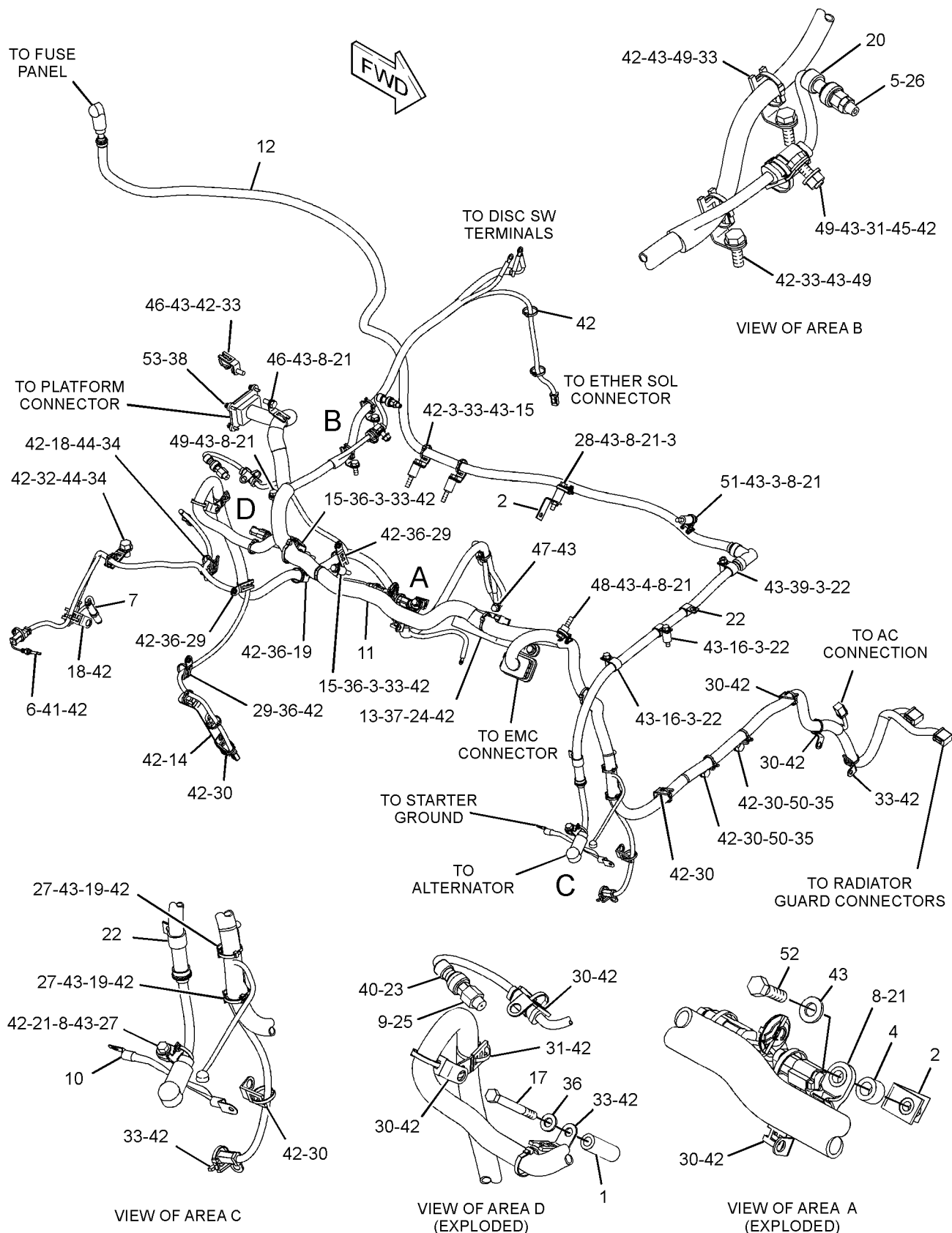
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	25	1	3J-1907	1	SEAL-O-RING						
	26	1	3J-7354	1	SEAL-O-RING						
	27	1	4L-6454	3	BOLT (3/8-16X1-IN)						
	28	1	4L-6459	1	BOLT (3/8-16X2.5-IN)						
	29	1	4P-7428	3	CLIP						
	30	1	4P-7429	11	CLIP						
	31	1	4P-7581	2	CLIP						
	32	1	4P-7582	1	CLIP						
C	33	1	4P-8134	10	CLIP						
	34	1	5C-6266	2	BOLT (5/8-11X1-IN)						
	35	1	5P-2228	2	BOLT (1/2-13X1-IN)						
	36	1	6V-5839	7	WASHER (11X21X2.5-MM THK)						
M	37	1	6V-6317	2	BOLT (M10X1.5X20-MM)						
M	38	1	6V-7357	4	BOLT (M6X1X25-MM)						
	39	1	6V-8801	1	NUT (3/8-16-THD)						
	40	1	6V-9028	1	SEAL-O-RING						
	41	1	7J-0204	1	SEAL-O-RING						
	42	1	7K-1181	44	STRAP-CABLE						
	43	1	8T-4121	20	WASHER-HARD (11X21X2.5-MM THK)						
	44	1	8T-4122	2	WASHER-HARD (17X32X3.5-MM THK)						
M	45	1	8T-4133	1	NUT (M10X1.5-THD)						
M	46	1	8T-4136	2	BOLT (M10X1.5X25-MM)						
M	47	1	8T-4137	1	BOLT (M10X1.5X20-MM)						
CM	48	1	8T-4186	1	BOLT (M10X1.5X40-MM)						
M	49	1	8T-4195	4	BOLT (M10X1.5X30-MM)						
	50	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						
M	51	1	8T-6466	1	BOLT (M10X1.5X60-MM)						
	52	1	9B-7237	1	BOLT (3/8-16X1.25-IN)						
	53	1	9X-8256	4	WASHER (6.6X12X2-MM THK)						

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

ELECTRICAL AND STARTING SYSTEM

213-7004 WIRING GP-ENGINE (contd.)

i03536202



GRAPHIC #1

<END>

g01226986

ELECTRICAL AND STARTING SYSTEM

213-7004 WIRING GP-ENGINE

S/N: RJG529-1135

PART OF 267-2900 INSTALLATION AR-ENGINE

TYPE 1

SMCS-1000, 1408

i03536203

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	3	6B-6205	1	SPACER (0.438X0.875X1.281-IN THK)	
	2	1	7N-1277	2	BRACKET AS	
					(EACH INCLUDES)	
		1	1F-0750	1	NUT-WELD (3/8-16-THD)	
	3	1	9G-7101	8	SPACER (10.5X20X30-MM THK)	
	4	1, 2	9M-4136	2	SPACER (0.438X0.75X0.5-IN THK)	
	5	1	9X-0263	1	ADAPTER	
Y	6	3	145-7028	1	SENSOR GP-TEMPERATURE (TORQUE CONVERTER OIL)	469
Y	7	3	189-5746	1	SENSOR GP-SPEED (TORQUE CONVERTER)	463
	8	1, 2, 3	204-8000	11	MOUNT (TIE WRAP)	
	9	2	205-3079	1	ADAPTER	
	10	2	208-4622	1	STRAP AS (GROUND)	
	11	2	213-7009	1	CABLE AS (ALTERNATOR)	
		2	1S-4915	4	LINER (CONDUIT)	
		2	1S-7251	1	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)	
E		2	5P-0695		CONDUIT (345-CM)	
E		2	5P-0760		CABLE (00-GA, RED) (380-CM)	
		2	8N-0869	2	COVER-TERMINAL (RED)	
E		2	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (32-CM)	
E		2	114-8843		SLEEVE-PLASTIC (40-CM)	
		2	170-3794	1	RING-TERMINAL	
	12	1	239-2240	1	BRACKET AS	
	13	2	269-5324	1	PLATE AS	
	14	1	275-6230	1	HARNESS AS-ENGINE	
		1	110-8769	1	WIRE AS	
		1	126-1774	1	COVER-CONNECTOR	
		1	102-8802	2	KIT-RECEPTACLE (2-PIN)	
		1	102-8803	2	KIT-RECEPTACLE (3-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
		1	134-2540	1	RECEPTACLE AS (3-PIN)	
		1	214-4208	1	RECEPTACLE AS-CONNECTOR (70-PIN)	
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2257	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	7	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)	
		1	174-0503	1	KIT-CONNECTING PLUG (3-PIN)	
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
		1	160-7689	1	PLUG AS-CONNECTOR (70-PIN)	
		1	121-2844	1	HARNESS AS-WIRING (CRANK WITHOUT INJECT)	
		1	209-6630	1	TAG-INFORMATION	
		1	102-8803	2	KIT-RECEPTACLE (3-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
					(INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
	15	1	0L-1143	4	BOLT (3/8-16X2.5-IN)	
	16	1	0S-1590	1	BOLT (3/8-16X2-IN)	
	17	1, 3	104-6202	2	CLIP	
	18	3	132-5789	1	CLIP	
Y	19	1	161-9926	1	SENSOR GP-PRESSURE (TURBOCHARGER INLET)	455
C	20	1, 2, 3	193-3973	15	STRAP-CABLE	
	21	1	1S-0994	2	CLIP	
Y	22	2	237-0957	1	SENSOR GP-PRESSURE (FAN PUMP)	459

ELECTRICAL AND STARTING SYSTEM

213-7004 WIRING GP-ENGINE (contd.)

i03536203

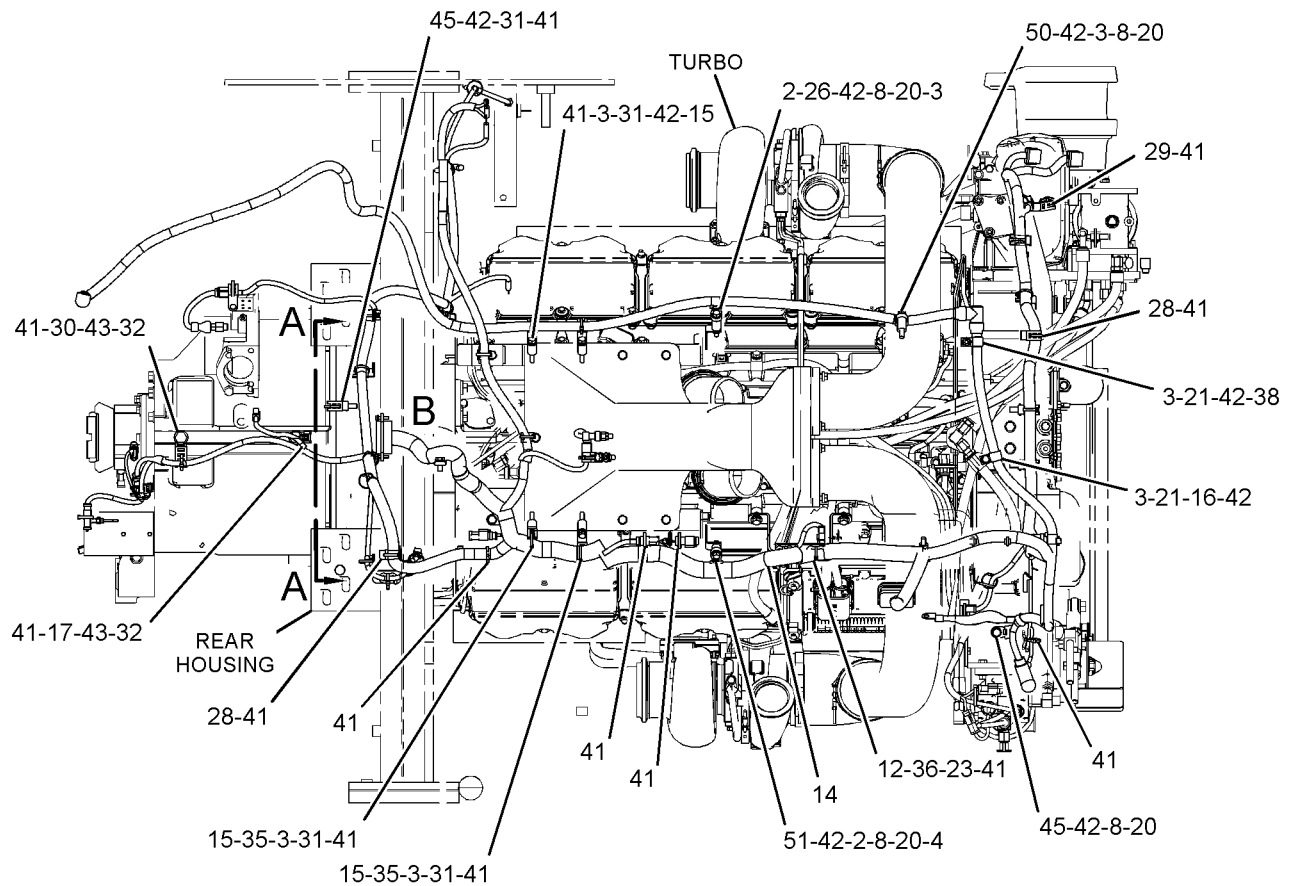
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	23	1	3E-4353	2	WASHER-HARD (11X25X3-MM THK)	
	24	2	3J-1907	1	SEAL-O-RING	
	25	1	3J-7354	1	SEAL-O-RING	
	26	1	4L-6459	1	BOLT (3/8-16X2.5-IN)	
	27	3	4P-7428	3	CLIP	
	28	1, 2, 3	4P-7429	11	CLIP	
	29	1, 2, 3	4P-7581	5	CLIP	
	30	1	4P-7582	1	CLIP	
C	31	1, 2	4P-8134	8	CLIP	
	32	1	5C-6266	2	BOLT (5/8-11X1-IN)	
	33	3	5P-2228	2	BOLT (1/2-13X1-IN)	
	34	3	6B-1557	1	BOLT (3/8-16X7.5-IN)	
	35	1, 3	6V-5839	6	WASHER (11X21X2.5-MM THK)	
M	36	1	6V-6317	2	BOLT (M10X1.5X20-MM)	
M	37	1	6V-7357	4	BOLT (M6X1X25-MM)	
	38	1	6V-8801	1	NUT (3/8-16-THD)	
	39	2	6V-9028	1	SEAL-O-RING	
	40	3	7J-0204	1	SEAL-O-RING	
C	41	1, 2, 3	7K-1181	43	STRAP-CABLE	
	42	1, 2	8T-4121	18	WASHER-HARD (11X21X2.5-MM THK)	
	43	1	8T-4122	2	WASHER-HARD (17X32X3.5-MM THK)	
M	44	1	8T-4133	2	NUT (M10X1.5-THD)	
M	45	1	8T-4136	3	BOLT (M10X1.5X25-MM)	
M	46	2	8T-4137	1	BOLT (M10X1.5X20-MM)	
M	47	1, 2	8T-4186	3	BOLT (M10X1.5X40-MM)	
M	48	1	8T-4195	2	BOLT (M10X1.5X30-MM)	
	49	3	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)	
M	50	1	8T-6466	1	BOLT (M10X1.5X60-MM)	
	51	1	9B-7237	1	BOLT (3/8-16X1.25-IN)	
	52	3	9X-6458	1	WASHER-HARD (10.2X22.5X3-MM THK)	
	53	1	9X-8256	4	WASHER (6.6X12X2-MM THK)	

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

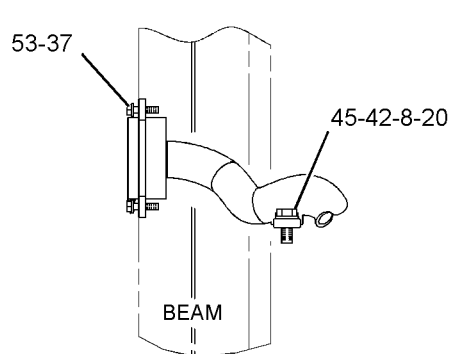
ELECTRICAL AND STARTING SYSTEM

213-7004 WIRING GP-ENGINE (contd.)

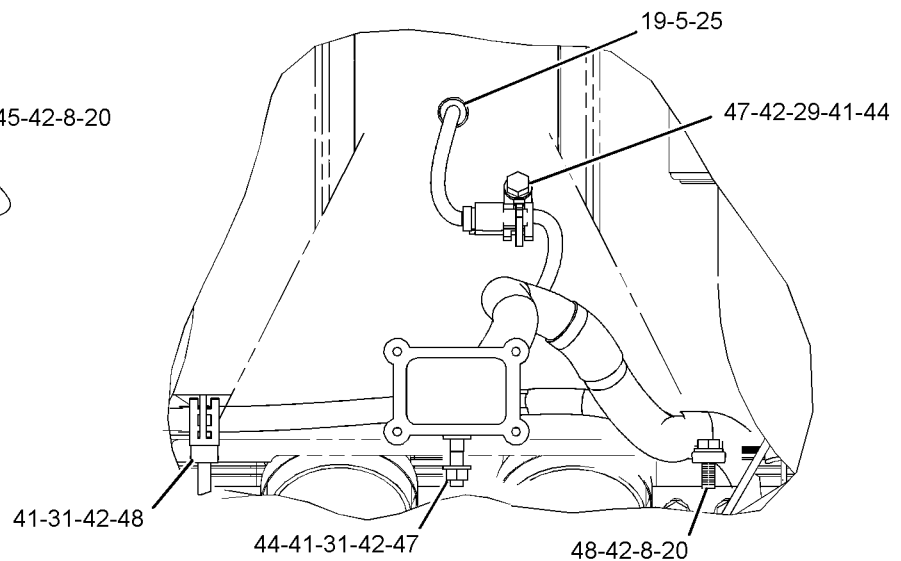
i03536203



TOP VIEW OF ENGINE



VIEW OF AREA B



SECTION A-A
(ROTATED 90° CCW)

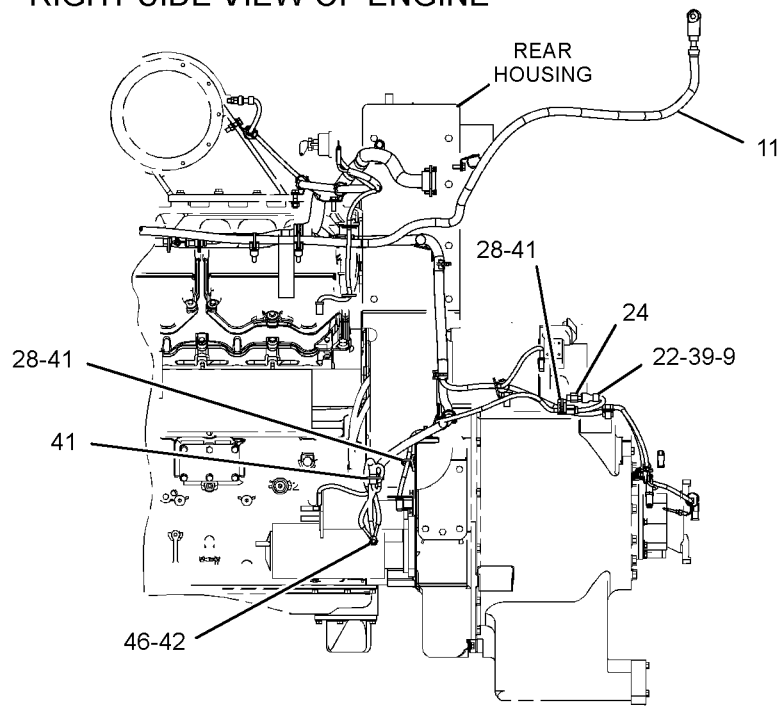
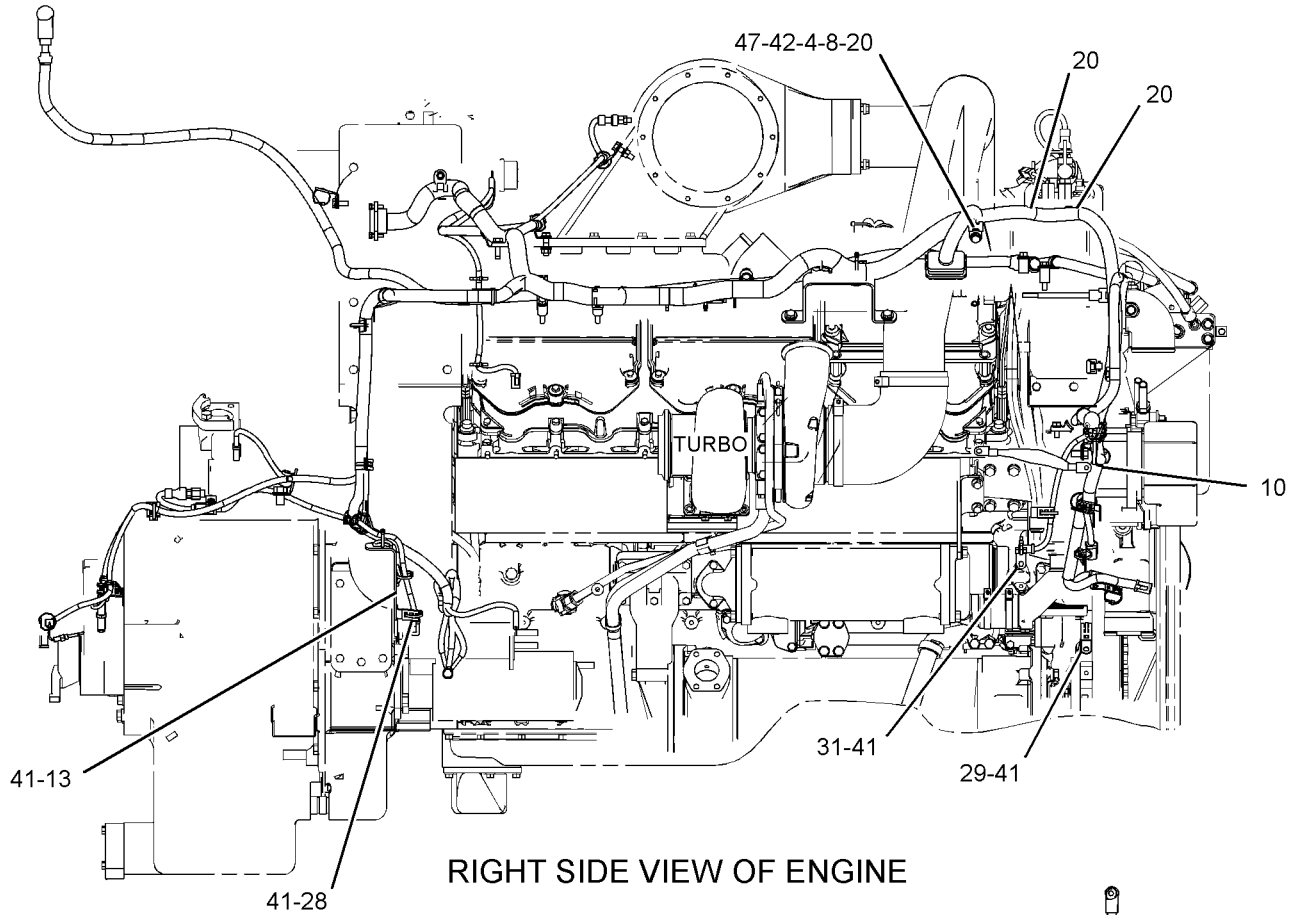
GRAPHIC #1

g01303736

ELECTRICAL AND STARTING SYSTEM

213-7004 WIRING GP-ENGINE (contd.)

i03536203



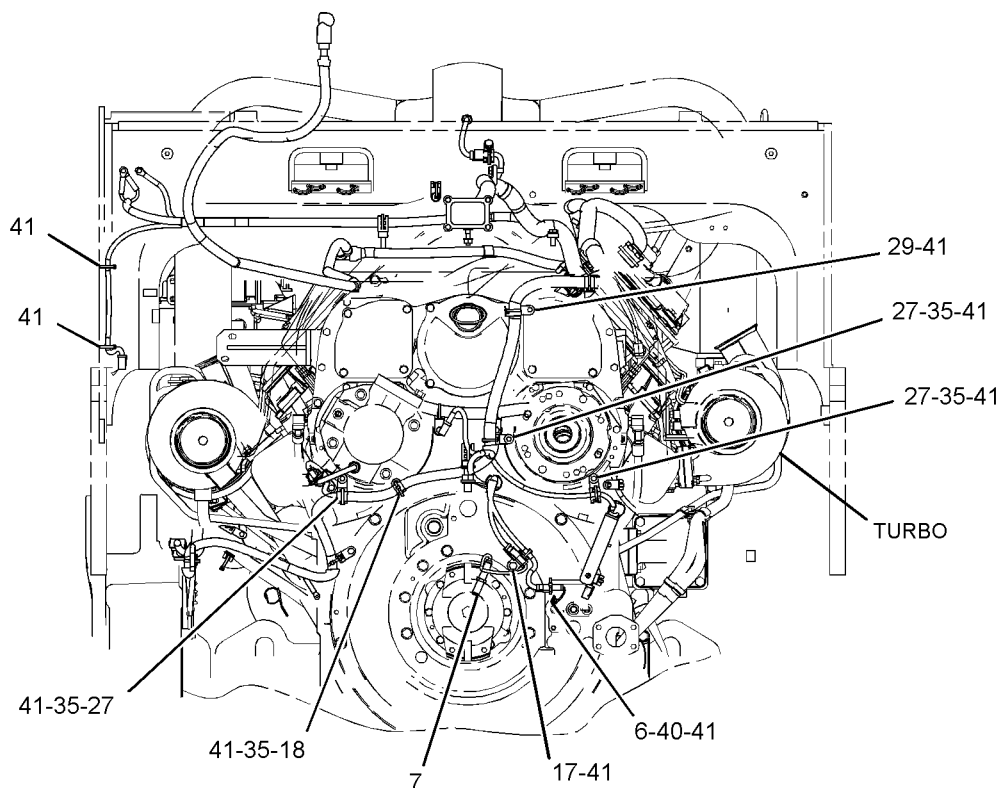
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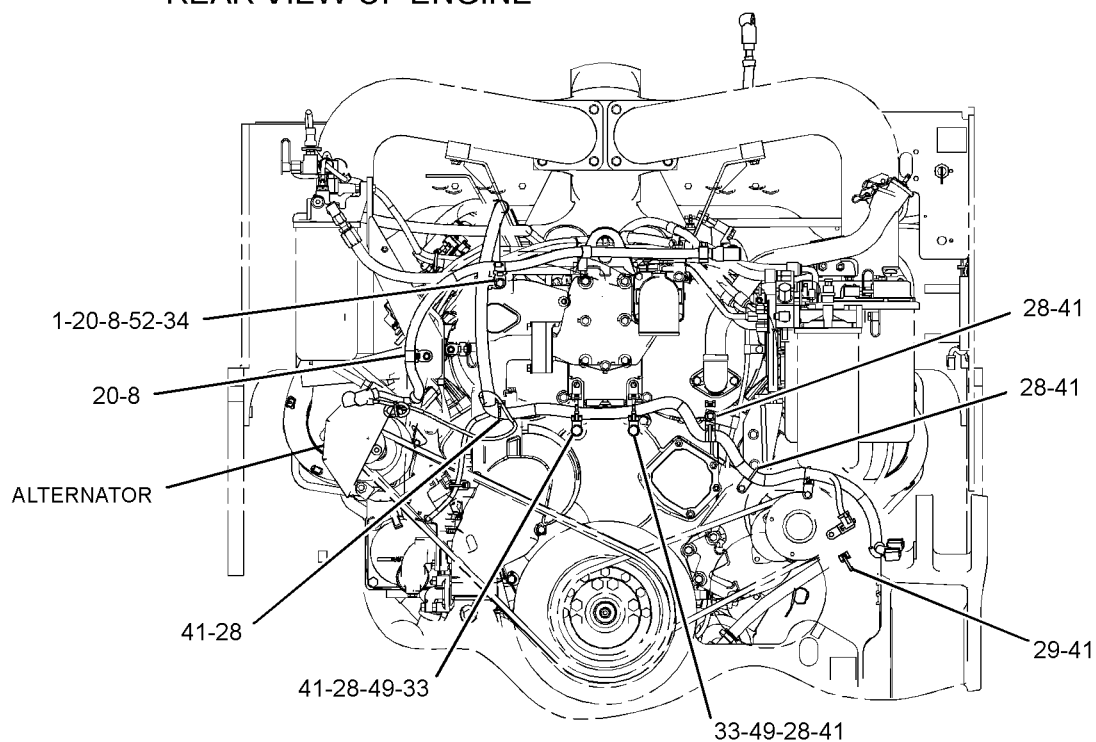
ELECTRICAL AND STARTING SYSTEM

213-7004 WIRING GP-ENGINE (contd.)

i03536203



REAR VIEW OF ENGINE



FRONT VIEW OF ENGINE

GRAPHIC #3

<END>

g01304068

ELECTRICAL AND STARTING SYSTEM

213-7004 WIRING GP-ENGINE

S/N: RJG529-1135

PART OF 267-2900 INSTALLATION AR-ENGINE

TYPE 2

SMCS-1000, 1408

i03536204

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	2	3S-2093	1	STRAP-CABLE	
	2	3	6B-6205	1	SPACER (0.438X0.875X1.281-IN THK)	
C	3	1	7N-1277	1	BRACKET AS	
		1	1F-0750	1	NUT-WELD (3/8-16-THD)	
C	4	1,3	9G-7101	6	SPACER (10.5X20X30-MM THK)	
	5	1,2	9M-4136	2	SPACER (0.438X0.75X0.5-IN THK)	
	6	1	9X-0263	1	ADAPTER	
Y	7	3	145-7028	1	SENSOR GP-TEMPERATURE (TORQUE CONVERTER OIL)	469
Y	8	3	189-5746	1	SENSOR GP-SPEED (TORQUE CONVERTER)	463
C	9	1,2,3	193-3973	10	STRAP-CABLE	
C	10	1,2,3	204-8000	10	MOUNT (TIE WRAP)	
	11	2	205-3079	1	ADAPTER	
	12	2	208-4622	1	STRAP AS (GROUND)	
	13	2	213-7009	1	CABLE AS (ALTERNATOR)	
		2	1S-4915	4	LINER (CONDUIT)	
		2	1S-7251	1	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)	
		2	8N-0869	2	COVER-TERMINAL (RED)	
		2	170-3794	1	RING-TERMINAL	
E		2	5P-0695		CONDUIT (345-CM)	
E		2	5P-0760		CABLE (00-GA, RED) (380-CM)	
E		2	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (32-CM)	
E		2	114-8843		SLEEVE-PLASTIC (40-CM)	
	14	1	239-2240	1	BRACKET AS	
	15	1	275-6230	1	HARNESS AS-ENGINE	
		1	102-8802	3	KIT-RECEPTACLE (2-PIN)	
		1	102-8803	2	KIT-RECEPTACLE (3-PIN)	
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2257	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	7	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)	
		1	174-0503	1	KIT-CONNECTING PLUG (3-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
		1	134-2540	1	RECEPTACLE AS (3-PIN)	
		1	214-4208	1	RECEPTACLE AS-CONNECTOR (70-PIN)	
		1	160-7689	1	PLUG AS-CONNECTOR (70-PIN)	
		1	126-1774	1	COVER-CONNECTOR	
E		1	114-8843		SLEEVE-PLASTIC (260-CM)	
E		1	114-8845		SLEEVE-PLASTIC (80-MM DIA) (20-CM)	
E		1	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (20-CM)	
E		1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (25-CM)	
		1	121-2844	1	HARNESS AS-WIRING (CRANK WITHOUT INJECT)	
		1	102-8803	2	KIT-RECEPTACLE (3-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
					(INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
		1	209-6630	1	TAG-INFORMATION	
C	16	2	300-5809	1	BRACKET AS	
C	17	1	0L-1143	3	BOLT (3/8-16X2.5-IN)	
C	18	1	0S-0509	2	BOLT (3/8-16X0.75-IN)	
	19	1	0S-1590	1	BOLT (3/8-16X2-IN)	

ELECTRICAL AND STARTING SYSTEM

213-7004 WIRING GP-ENGINE (contd.)

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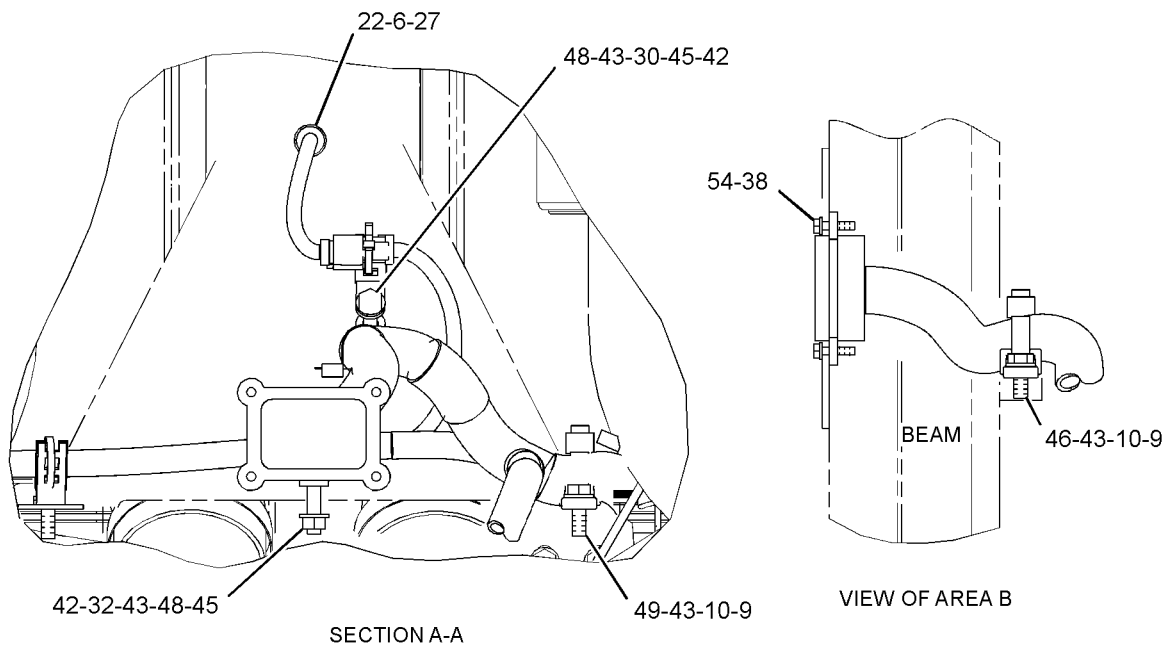
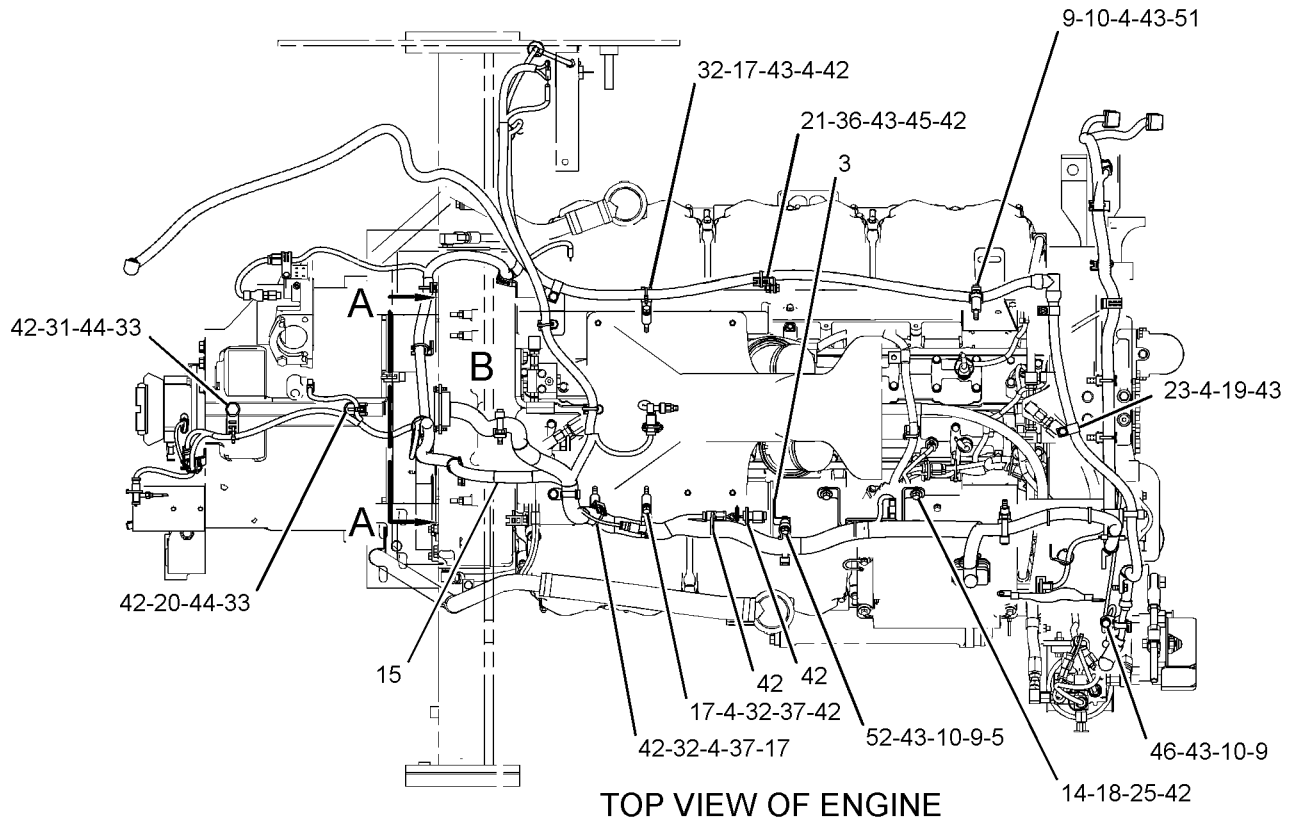
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	20	1, 3	104-6202	2	CLIP	
C	21	1, 3	132-5789	2	CLIP	
Y	22	1	161-9926	1	SENSOR GP-PRESSURE (TURBOCHARGER INLET)	455
C	23	1, 2, 3	1S-0994	3	CLIP	
Y	24	2	237-0957	1	SENSOR GP-PRESSURE (FAN PUMP)	459
	25	1	3E-4353	2	WASHER-HARD (11X25X3-MM THK)	
	26	2	3J-1907	1	SEAL-O-RING	
	27	1	3J-7354	1	SEAL-O-RING	
C	28	3	4P-7428	2	CLIP	
C	29	2, 3	4P-7429	10	CLIP	
C	30	1, 3	4P-7581	3	CLIP	
	31	1	4P-7582	1	CLIP	
C	32	1, 2	4P-8134	6	CLIP	
	33	1	5C-6266	2	BOLT (5/8-11X1-IN)	
	34	3	5P-2228	2	BOLT (1/2-13X1-IN)	
	35	3	6B-1557	1	BOLT (3/8-16X7.5-IN)	
CM	36	1, 2	6V-4248	2	BOLT (M10X1.5X25-MM)	
	37	1, 2, 3	6V-5839	6	WASHER (11X21X2.5-MM THK)	
M	38	1	6V-7357	4	BOLT (M6X1X25-MM)	
C	39	3	6V-8801	2	NUT (3/8-16-THD)	
	40	2	6V-9028	1	SEAL-O-RING	
	41	3	7J-0204	1	SEAL-O-RING	
C	42	1, 2, 3	7K-1181	39	STRAP-CABLE	
C	43	1, 2, 3	8T-4121	19	WASHER-HARD (11X21X2.5-MM THK)	
	44	1	8T-4122	2	WASHER-HARD (17X32X3.5-MM THK)	
CM	45	1	8T-4133	3	NUT (M10X1.5-THD)	
M	46	1, 3	8T-4136	3	BOLT (M10X1.5X25-MM)	
M	47	2	8T-4137	1	BOLT (M10X1.5X20-MM)	
M	48	1, 2	8T-4186	3	BOLT (M10X1.5X40-MM)	
M	49	1, 2	8T-4195	2	BOLT (M10X1.5X30-MM)	
	50	3	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)	
M	51	1	8T-6466	1	BOLT (M10X1.5X60-MM)	
	52	1	9B-7237	1	BOLT (3/8-16X1.25-IN)	
	53	3	9X-6458	1	WASHER-HARD (10.2X22.5X3-MM THK)	
	54	1	9X-8256	4	WASHER (6.6X12X2-MM THK)	

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

ELECTRICAL AND STARTING SYSTEM

213-7004 WIRING GP-ENGINE (contd.)

i03536204



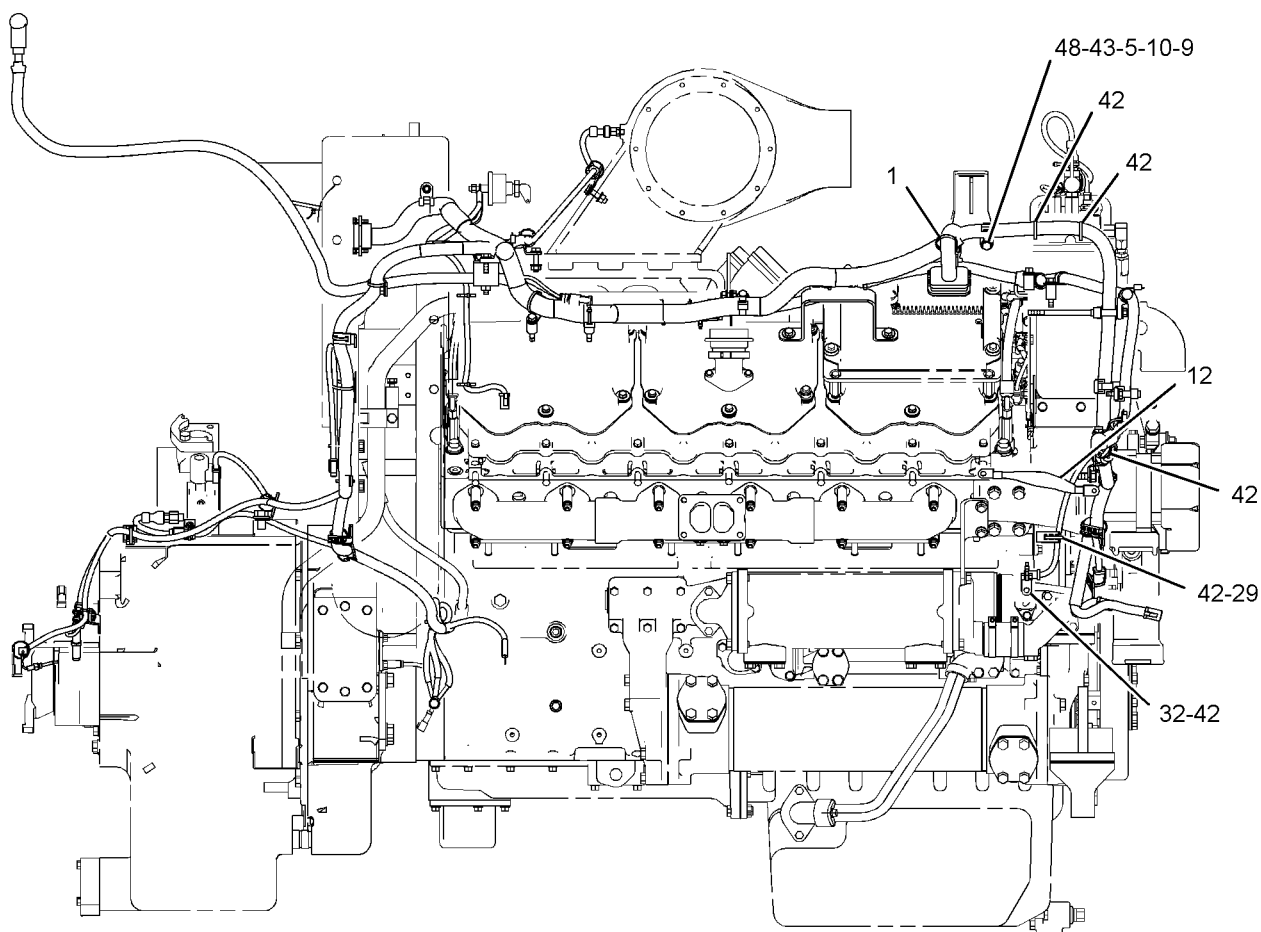
GRAPHIC #1

g01394063

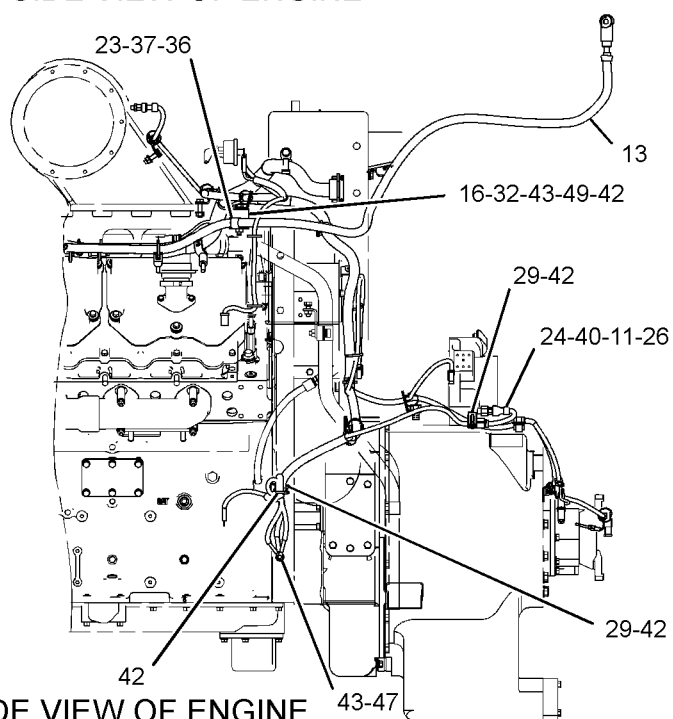
ELECTRICAL AND STARTING SYSTEM

213-7004 WIRING GP-ENGINE (contd.)

i03536204



RIGHT SIDE VIEW OF ENGINE



LEFT SIDE VIEW OF ENGINE

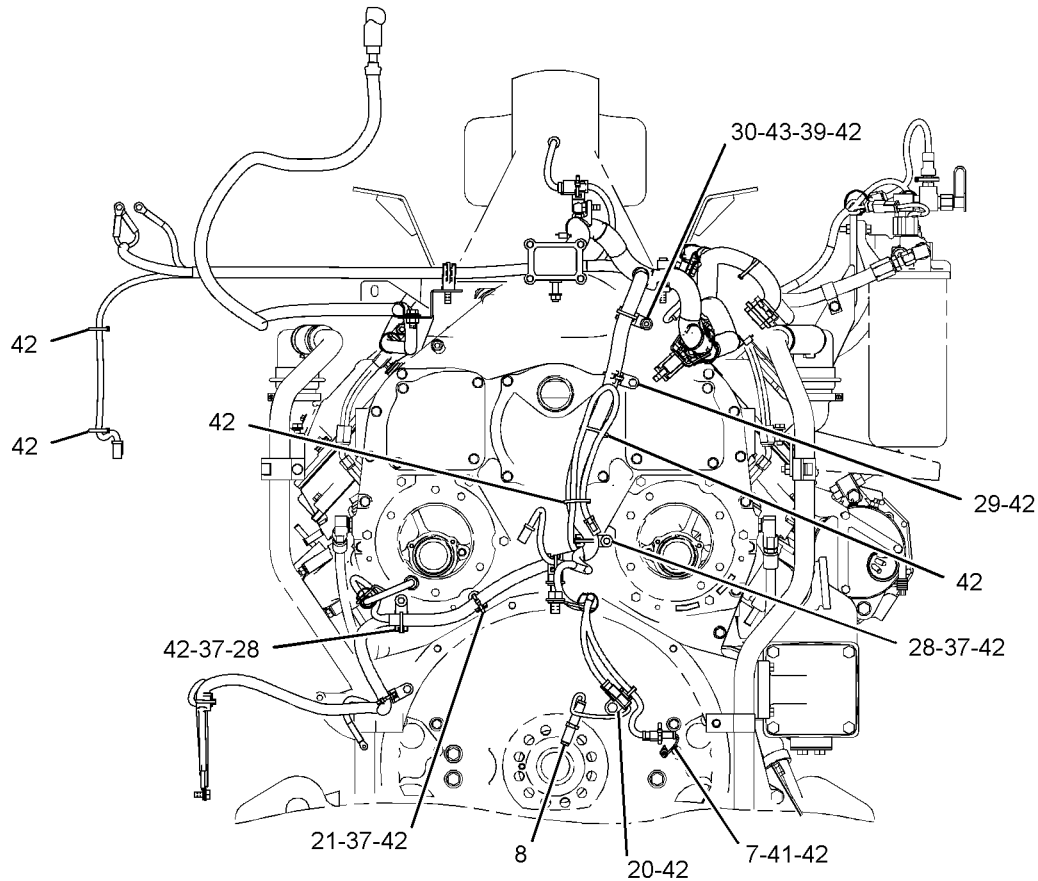
GRAPHIC #2

g01394064

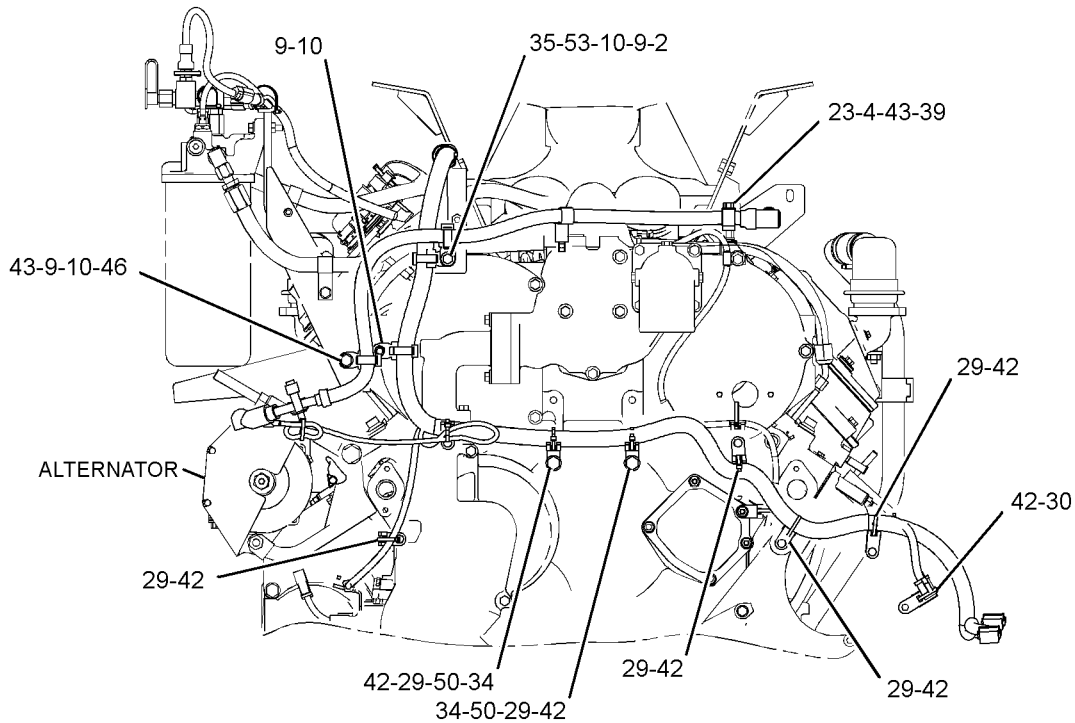
ELECTRICAL AND STARTING SYSTEM

213-7004 WIRING GP-ENGINE (contd.)

i03536204



REAR VIEW OF ENGINE



FRONT VIEW OF ENGINE

GRAPHIC #3

<END>

g01394065

ELECTRICAL AND STARTING SYSTEM

213-7004 WIRING GP-ENGINE

S/N: RJG1136-UP

PART OF 267-2900 INSTALLATION AR-ENGINE

SMCS-1000, 1408

i03536205

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	3S-2093	1	STRAP-CABLE	
	2	1	7N-1277	1	BRACKET AS	
		1	1F-0750	1	NUT-WELD (3/8-16-THD)	
C	3	1	9G-7101	3	SPACER (10.5X20X30-MM THK)	
	4	2	9M-4136	2	SPACER (0.438X0.75X0.5-IN THK)	
	5	2	9X-0263	1	ADAPTER	
Y	6	3	145-7028	1	SENSOR GP-TEMPERATURE (TORQUE CONVERTER OIL)	469
Y	7	3	189-5746	1	SENSOR GP-SPEED (TORQUE CONVERTER)	463
	8	1, 2, 4	193-3973	10	STRAP-CABLE	
C	9	1, 2, 4	204-8000	7	MOUNT (TIE WRAP)	
	10	2	327-5880	1	ADAPTER	
	11	2	208-4622	1	STRAP AS (GROUND)	
	12	2	213-7009	1	CABLE AS (ALTERNATOR)	
		2	1S-4915	4	LINER (CONDUIT)	
		2	1S-7251	1	TERMINAL-CABLE (00-GA, 1/2-IN BOLT)	
		2	8N-0869	2	COVER-TERMINAL (RED)	
		2	170-3794	1	RING-TERMINAL	
E		2	5P-0695		CONDUIT (345-CM)	
E		2	5P-0760		CABLE (00-GA, RED) (380-CM)	
E		2	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (32-CM)	
E		2	114-8843		SLEEVE-PLASTIC (40-CM)	
	13	1	239-2240	1	BRACKET AS	
	14	1	275-6230	1	HARNESS AS-ENGINE	
		1	102-8802	3	KIT-RECEPTACLE (2-PIN)	
		1	102-8803	2	KIT-RECEPTACLE (3-PIN)	
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2257	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	7	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)	
		1	174-0503	1	KIT-CONNECTING PLUG (3-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
		1	134-2540	1	RECEPTACLE AS (3-PIN)	
		1	214-4208	1	RECEPTACLE AS-CONNECTOR (70-PIN)	
		1	160-7689	1	PLUG AS-CONNECTOR (70-PIN)	
		1	126-1774	1	COVER-CONNECTOR	
E		1	114-8843		SLEEVE-PLASTIC (260-CM)	
E		1	114-8845		SLEEVE-PLASTIC (80-MM DIA) (20-CM)	
E		1	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (20-CM)	
E		1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (25-CM)	
		1	121-2844	1	HARNESS AS-WIRING (CRANK WITHOUT INJECT)	
		1	102-8803	2	KIT-RECEPTACLE (3-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
					(INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
		1	209-6630	1	TAG-INFORMATION	
	15	2	300-5809	1	BRACKET AS	
	16	1	0S-0509	2	BOLT (3/8-16X0.75-IN)	
	17	1	0S-1590	1	BOLT (3/8-16X2-IN)	
	18	1, 3	104-6202	2	CLIP	
C	19	1	132-5789	1	CLIP	
Y	20	2	161-9926	1	SENSOR GP-PRESSURE (TURBOCHARGER INLET)	455

ELECTRICAL AND STARTING SYSTEM

213-7004 WIRING GP-ENGINE (contd.)

i03536205

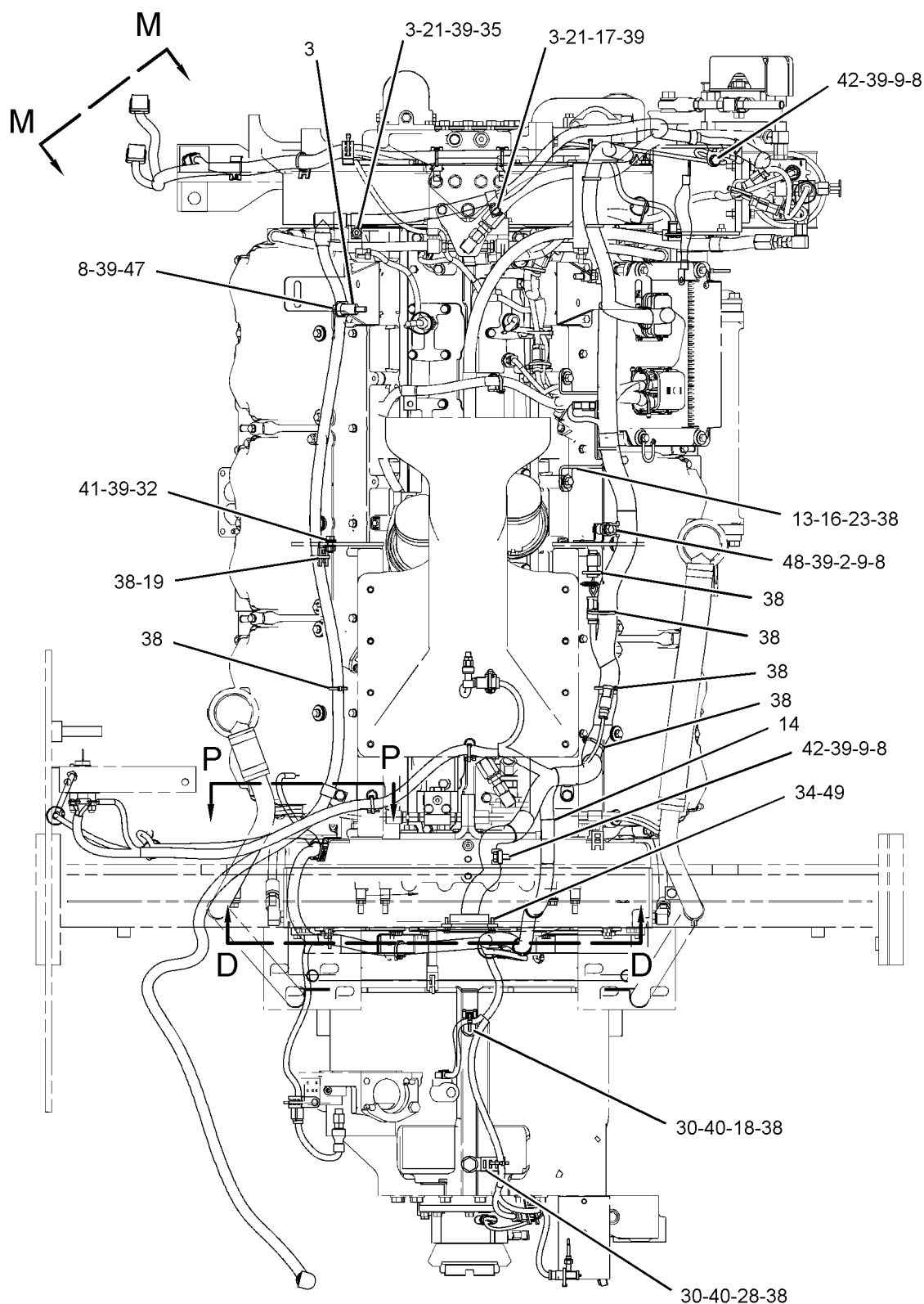
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	21	1, 2	1S-0994	3	CLIP	
Y	22	2	237-0957	1	SENSOR GP-PRESSURE (FAN PUMP)	459
	23	1	3E-4353	2	WASHER-HARD (11X25X3-MM THK)	
	24	2	3J-1907	1	SEAL-O-RING	
	25	2	3J-7354	1	SEAL-O-RING	
C	26	2, 4	4P-7429	8	CLIP	
	27	2, 3	4P-7581	3	CLIP	
	28	1	4P-7582	1	CLIP	
C	29	2	4P-8134	3	CLIP	
	30	1	5C-6266	2	BOLT (5/8-11X1-IN)	
	31	4	5P-2228	2	BOLT (1/2-13X1-IN)	
M	32	1, 2	6V-4248	2	BOLT (M10X1.5X25-MM)	
C	33	2	6V-5839	1	WASHER (11X21X2.5-MM THK)	
M	34	1	6V-7357	4	BOLT (M6X1X25-MM)	
	35	1, 3	6V-8801	2	NUT (3/8-16-THD)	
	36	2	1J-9671	1	SEAL-O-RING	
	37	3	7J-0204	1	SEAL-O-RING	
	38	1, 2, 3, 4	7K-1181	39	STRAP-CABLE	
C	39	1, 2, 3	8T-4121	17	WASHER-HARD (11X21X2.5-MM THK)	
	40	1	8T-4122	2	WASHER-HARD (17X32X3.5-MM THK)	
M	41	1, 2	8T-4133	3	NUT (M10X1.5-THD)	
CM	42	1	8T-4136	2	BOLT (M10X1.5X25-MM)	
M	43	2	8T-4137	1	BOLT (M10X1.5X20-MM)	
M	44	2	8T-4186	3	BOLT (M10X1.5X40-MM)	
M	45	2	8T-4195	2	BOLT (M10X1.5X30-MM)	
	46	4	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)	
M	47	1	8T-6466	1	BOLT (M10X1.5X60-MM)	
	48	1	9B-7237	1	BOLT (3/8-16X1.25-IN)	
	49	1	9X-8256	4	WASHER (6.6X12X2-MM THK)	

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

ELECTRICAL AND STARTING SYSTEM

213-7004 WIRING GP-ENGINE (contd.)

i03536205



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

TOP VIEW OF ENGINE

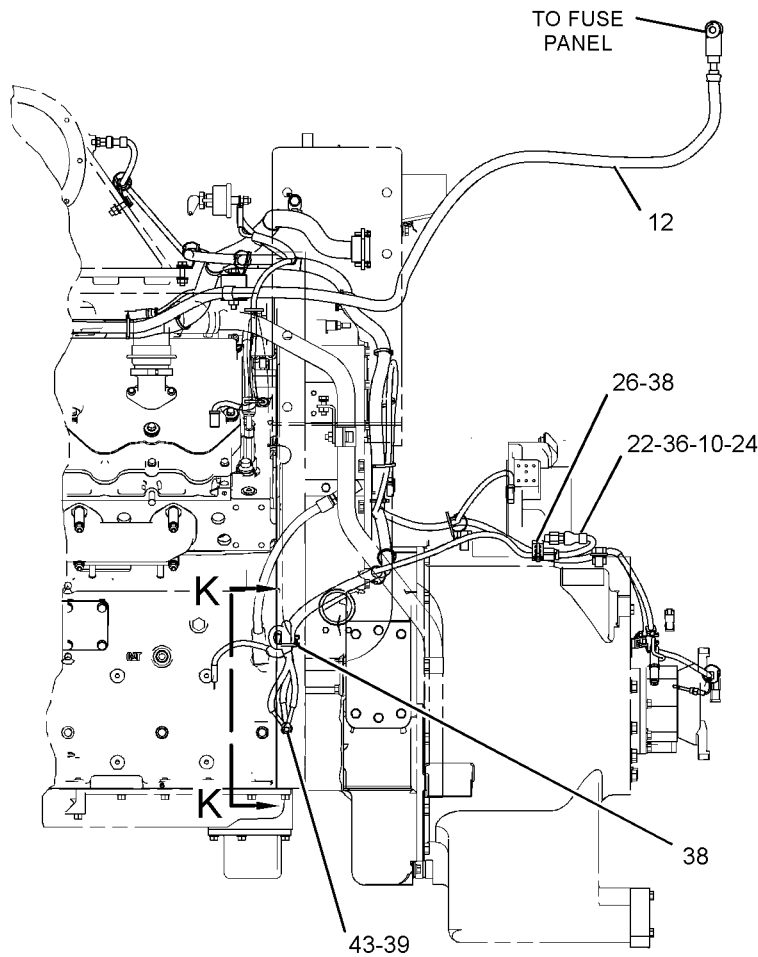
GRAPHIC #1

g01420641

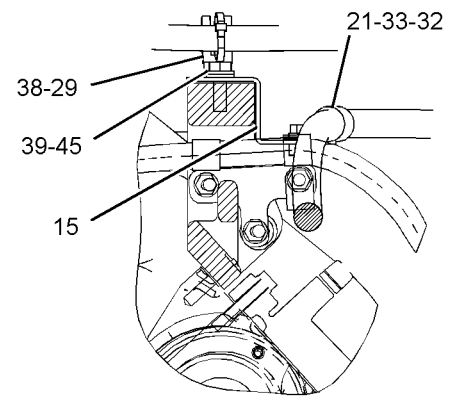
ELECTRICAL AND STARTING SYSTEM

213-7004 WIRING GP-ENGINE (contd.)

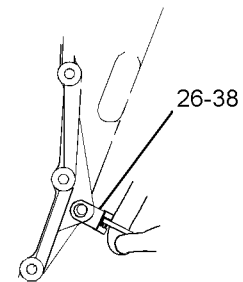
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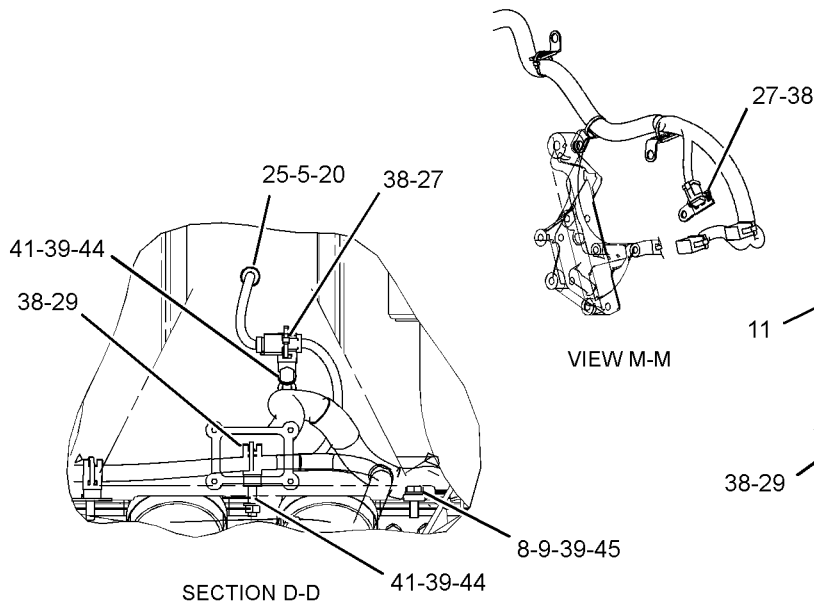
LEFT SIDE VIEW OF ENGINE



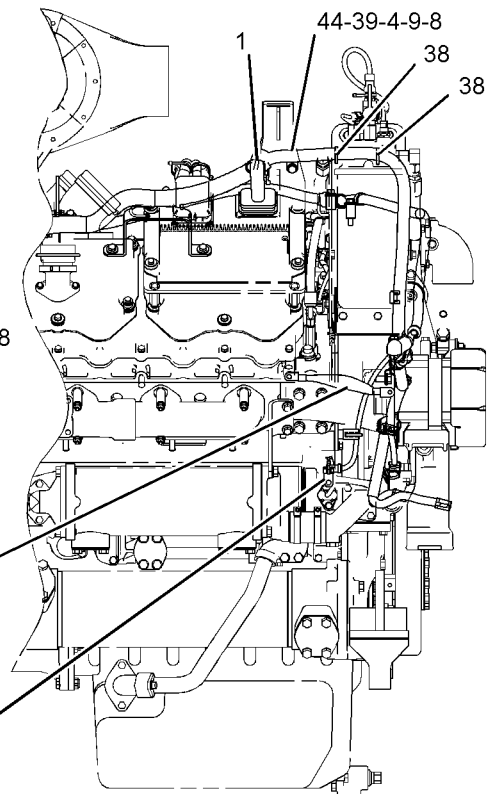
SECTION P-P



SECTION K-K



SECTION D-D



RIGHT SIDE VIEW OF ENGINE

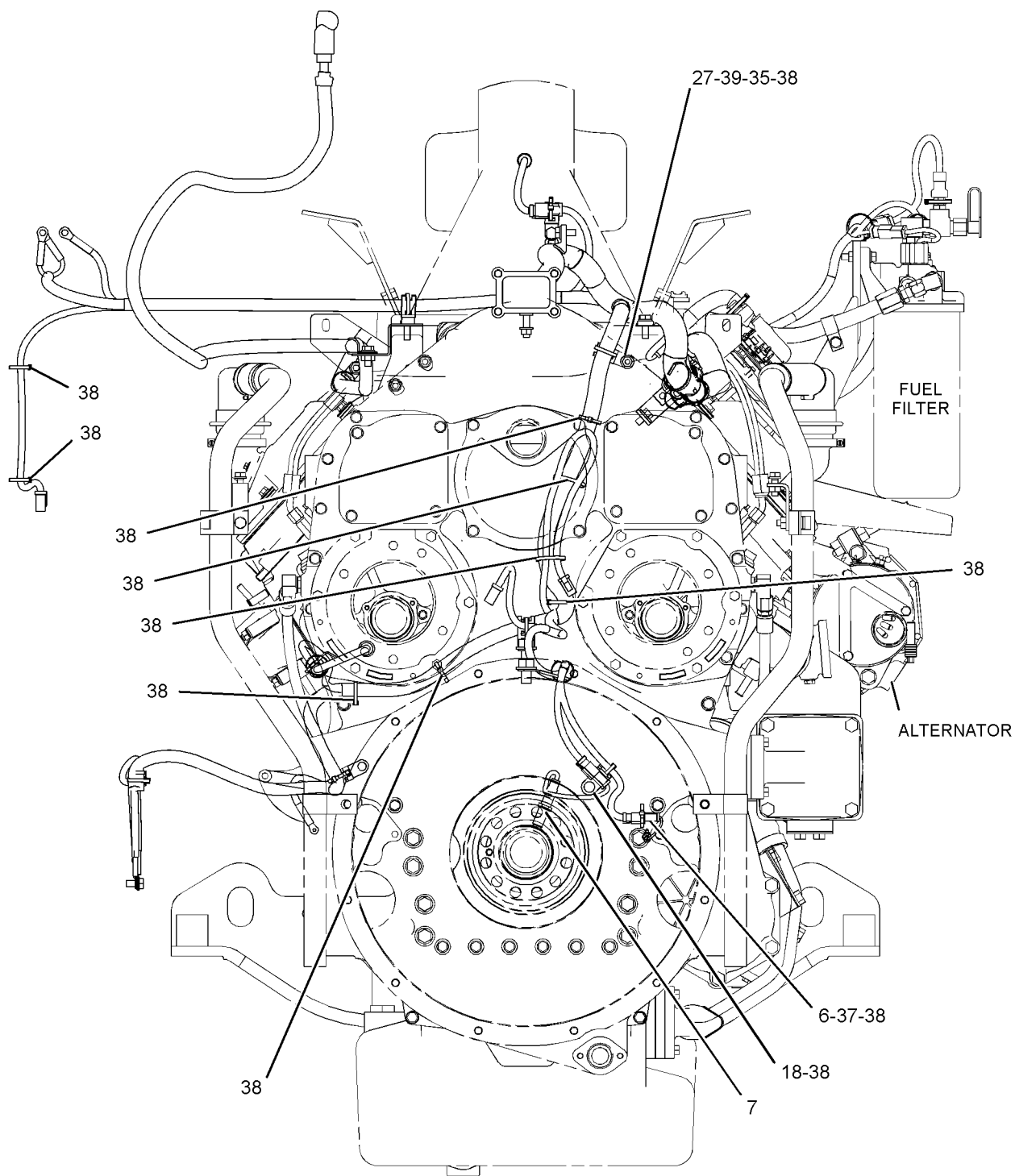
GRAPHIC #2

g01420642

ELECTRICAL AND STARTING SYSTEM

213-7004 WIRING GP-ENGINE (contd.)

i03536205



REAR VIEW OF ENGINE

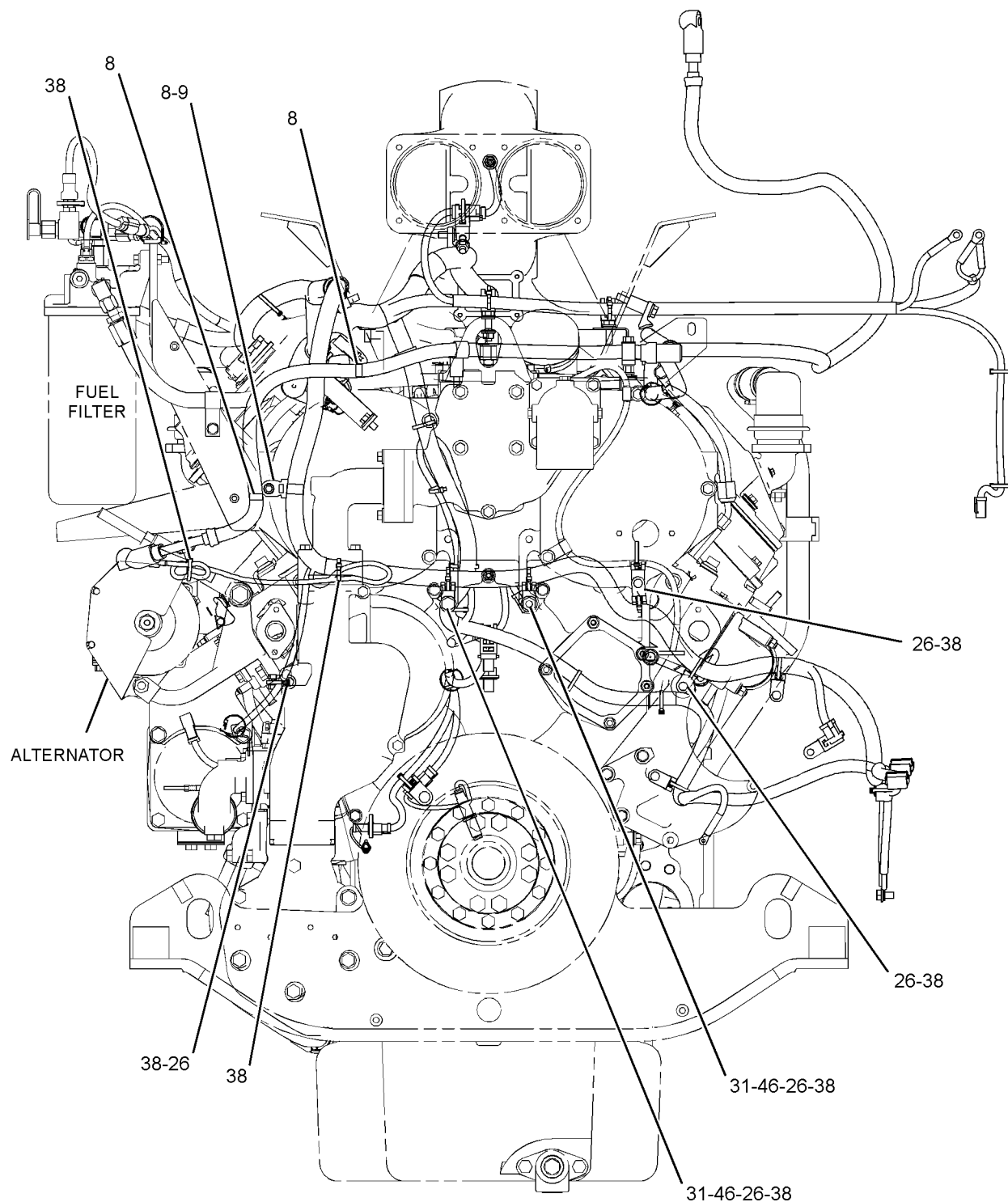
GRAPHIC #3

g01420643

ELECTRICAL AND STARTING SYSTEM

213-7004 WIRING GP-ENGINE (contd.)

i03536205



FRONT VIEW OF ENGINE

GRAPHIC #4

<END>

g01420650

ELECTRICAL AND STARTING SYSTEM

218-7063 WIRING GP-PLATFORM

S/N: RJG1-684

PART OF 219-4135 PLATFORM AR

SMCS-1408

i03536284

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3E-5239	3	RELAY AS (24-VOLT)	
Y	2	1	3E-6328	1	ALARM GP (24-VOLT) (ACTION)	300
	3	1	6I-1418	8	SPACER (8.2X12.7X28.7-MM THK)	
	4	2	7N-1996	1	LAMP (24-VOLT) (REAR ACTION)	
	5	1	8T-9655	16	MOUNT-ISOLATION	
	6	2	117-2311	1	RECEPTACLE AS-POWER (12-VOLT)	
Y	7	1	158-6632	1	SWITCH GP-PUSH BUTTON (HORN)	500
	8	2	170-3461	1	LAMP AS-INDICATOR (ACTION LIGHT)	
D		2	5P-5623		WIRE-ELECTRICAL (16-GA, BLACK) (0.3-M)	
		2	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)	
		2	3T-0304	1	BASE AS-INDICATOR LIGHT	
		2	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		2	3E-3365	1	WEDGE-RECEPTACLE LOCK (2-PIN)	
E		2	9X-1813		SLEEVE (8-CM)	
D		2	6V-2689		TUBE-HEAT SHRINK (6.35-MM DIA) (1-M)	
B	9	1	204-2281	21	STRAP-TIE	
	10	1, 2	204-8000	7	MOUNT (TIE WRAP)	
	11	1	209-0381	1	CONVERTER-POWER (24-VOLT TO 12-VOLT)	
	12	1	210-3301	1	HARNESS AS-PLATFORM	
		1	126-1774	4	COVER-CONNECTOR	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
		1	102-8803	2	KIT-RECEPTACLE (3-PIN)	
		1	102-8806	2	KIT-RECEPTACLE (8-PIN)	
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)	
		1	166-5229	1	KIT-RECEPTACLE (12-PIN)	
		1	177-9653	4	KIT-RECEPTACLE (4-PIN)	
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
		1	134-2540	6	RECEPTACLE AS (3-PIN)	
		1	214-4208	2	RECEPTACLE AS-CONNECTOR (70-PIN)	
		1	155-2256	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2255	3	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2265	1	KIT-CONNECTING PLUG (8-PIN)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2271	3	KIT-CONNECTING PLUG (4-PIN)	
		1	155-2274	3	KIT-CONNECTING PLUG (6-PIN)	
		1	177-9656	2	KIT-CONNECTING PLUG (4-PIN)	
		1	174-0503	3	KIT-CONNECTING PLUG (3-PIN)	
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
		1	147-1446	2	PLUG AS-CONNECTOR (70-PIN)	
		1	147-1445	2	PLUG AS-CONNECTOR (70-PIN)	
		1	3E-5519	1	PLUG AS-CONNECTOR (5-PIN)	
		1	9X-1054	2	PLUG AS-CONNECTOR (4-PIN)	
		1	160-7689	4	PLUG AS-CONNECTOR (70-PIN)	
Y	13	1	223-8176	1	PANEL GP-FUSE	435
	14	2	223-8177	1	HARNESS AS-CONSOLE (RH)	
		2	9X-0196	1	TERMINAL AS	
		2	102-8803	2	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)	
					(EACH INCLUDES RECEPTACLE AS & WEDGE)	
		2	214-4208	1	RECEPTACLE AS-CONNECTOR (70-PIN)	

ELECTRICAL AND STARTING SYSTEM

218-7063 WIRING GP-PLATFORM (contd.)

i03536284

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	180-0050	2	KIT-CONNECTING PLUG (4-PIN)						
		2	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
		2	155-2260	2	KIT-CONNECTING PLUG (3-PIN)						
		2	155-2270	2	KIT-CONNECTING PLUG (2-PIN)						
		2	155-2271	2	KIT-CONNECTING PLUG (4-PIN)						
		2	155-2274	1	KIT-CONNECTING PLUG (6-PIN)						
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
	15	1	224-9222	1	BRACKET						
	16	1	227-3127	1	PLUG AS-CODE (POWER TRAIN)						
	16A	1	227-3127	1	PLUG AS-CODE (IMPLEMENT)						
					(EACH PLUG AS INCLUDES)						
		1	9X-3401	3	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	8T-8737	3	PLUG-SEAL						
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	17	2	228-6089	8	PLUG (ROCKER SWITCH)						
	18	2	229-0774	1	SWITCH AS-ROCKER (CYLINDER LIGHT)						
	19	2	246-4311	1	GUARD (SWITCH)						
	20	1	252-5880	1	CONTROL GP-ELECTRONIC						
	21	2	259-2093	1	LENS (RED)						
R	22	1	262-1408	1	CONTROL GP-UNPROGRAMMED (POWER TRAIN)						
R	22A	1	262-1408	1	CONTROL GP-UNPROGRAMMED (IMPLEMENT)						
M	23	1	107-3786	4	BOLT (M4X0.7X12-MM)						
J	24	2	110-7887	1	SWITCH AS-START (KEY)						
		2	7T-6799	1	NUT-MOUNTING (1-32-THD)						
		2	102-8804	1	KIT-RECEPTACLE (4-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		2	186-3735	4	PIN-CONNECTOR (16-GA TO 18-GA)						
	25	1, 2	130-5300	4	CLIP						
	26	1	156-6175	1	CLIP						
	27	2	222-7877	1	SWITCH AS-ROCKER (24-VOLT) (THROTTLE)						
	28	2	222-7879	1	SWITCH AS-ROCKER (BI-DIRECTIONAL SHIFT)						
	29	2	222-7880	1	SWITCH AS-ROCKER (AUTO DOWN SHIFT)						
	30	2	222-7883	1	SWITCH AS-ROCKER (IMPLEMENT LOCKOUT)						
	31	2	222-7884	1	SWITCH AS-ROCKER (FENDER LIGHT)						
	32	2	254-8195	1	CONTROL GP-UNPROGRAMMED (MONITOR)						
	33	2	211-4232	1	HARNESS AS-MONITOR (ADVISOR)						
		2	3S-2093	10	STRAP-CABLE						
		2	102-8804	1	KIT-RECEPTACLE (4-PIN)						
		2	102-8801	1	KIT-RECEPTACLE (12-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		2	147-1444	1	PLUG AS-CONNECTOR (70-PIN)						
	34	1	216-1319	1	HARNESS AS-DASH						
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	190-7613	1	RECEPTACLE AS-CONNECTOR (12-PIN)						
		1	214-4208	1	RECEPTACLE AS-CONNECTOR (70-PIN)						
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
		1	155-2257	1	KIT-CONNECTING PLUG (12-PIN)						
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)						
		1	155-2260	2	KIT-CONNECTING PLUG (3-PIN)						
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
		1	155-2272	1	PLUG AS-CONNECTOR (4-PIN)						
		1	7X-6222	1	PLUG AS-CONNECTOR (24-PIN)						
	35	1	4P-7581	2	CLIP						
	36	1, 2	4P-8134	7	CLIP						
M	37	1	5C-9553	1	BOLT (M6X1X16-MM)						

ELECTRICAL AND STARTING SYSTEM

218-7063 WIRING GP-PLATFORM (contd.)

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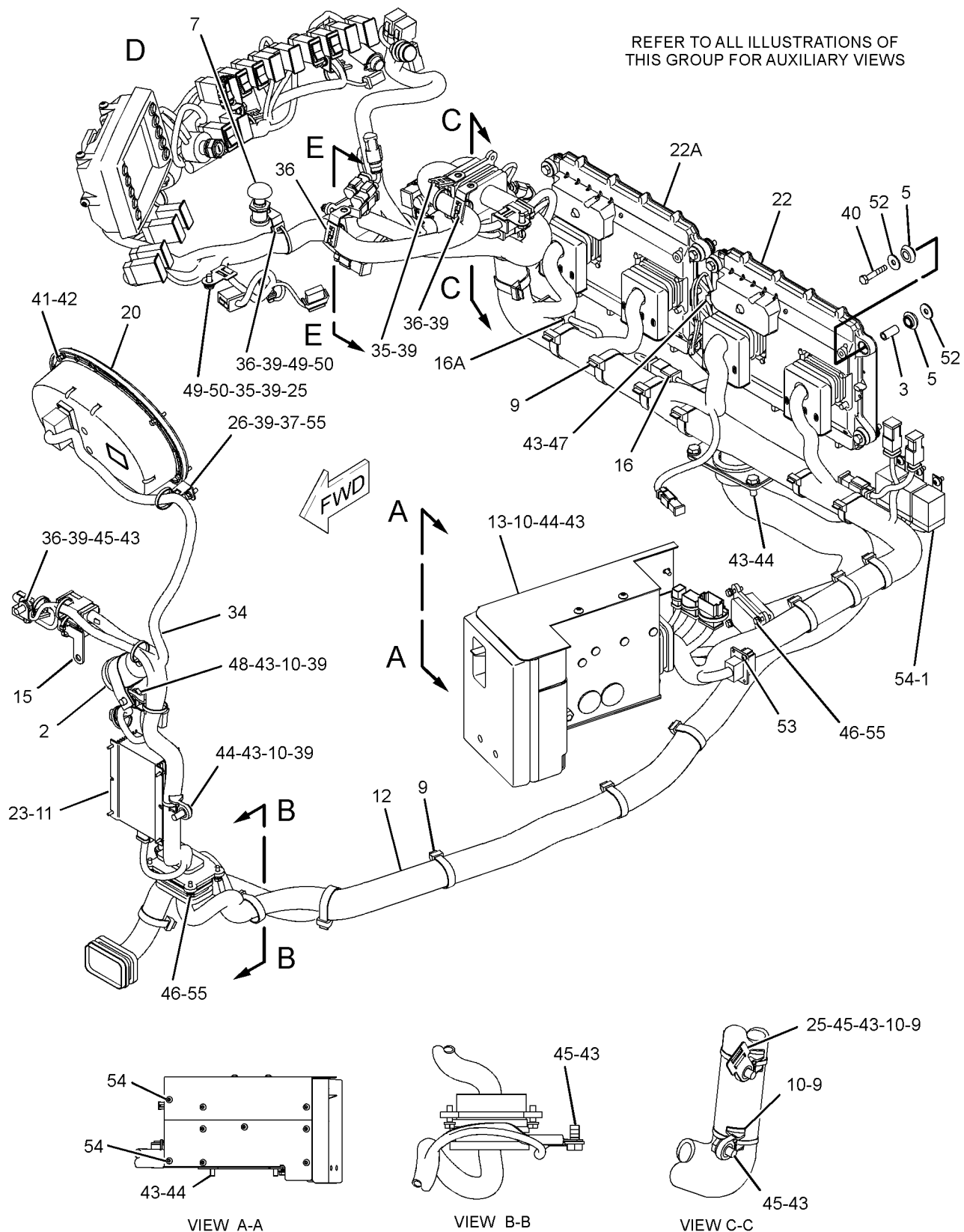
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	38	2	5P-7970	2	NUT (M8X1.25-THD)						
B	39	1, 2	7K-1181	21	STRAP-CABLE						
M	40	1	7X-0818	8	BOLT (M8X1.25X45-MM)						
M	41	1	8T-0326	6	BOLT (M5X0.8X25-MM)						
	42	1	8T-0328	6	WASHER-HARD (5.5X10X1-MM THK)						
	43	1, 2	8T-4121	18	WASHER-HARD (11X21X2.5-MM THK)						
M	44	1	8T-4136	10	BOLT (M10X1.5X25-MM)						
M	45	1, 2	8T-4137	5	BOLT (M10X1.5X20-MM)						
M	46	1, 2	8T-4138	14	BOLT (M6X1X20-MM)						
M	47	1	8T-4191	2	BOLT (M10X1.5X16-MM)						
M	48	1	8T-4195	1	BOLT (M10X1.5X30-MM)						
M	49	1	8T-4200	4	BOLT (M8X1.25X16-MM)						
	50	1, 2	8T-4224	8	WASHER-HARD (8.8X16X2-MM THK)						
M	51	2	8T-4908	2	BOLT (M8X1.25X25-MM)						
	52	1	9N-0869	16	WASHER-HARD (8.8X25.5X2-MM THK)						
M	53	1	9X-1046	2	SCREW (M4X0.7X18-MM)						
M	54	1, 2	9X-2042	9	SCREW-TRUSS HEAD (M6X1X12-MM)						
	55	1, 2	9X-8256	19	WASHER (6.6X12X2-MM THK)						

B-USE AS REQUIRED
 D-ORDER BY THE METER
 E-ORDER BY THE CENTIMETER
 J-REQUIRES 5P-8500 KEY
 M-METRIC PART
 R-REMFG PART MAY BE AVAILABLE
 Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

218-7063 WIRING GP-PLATFORM (contd.)

i03536284



GRAPHIC #1

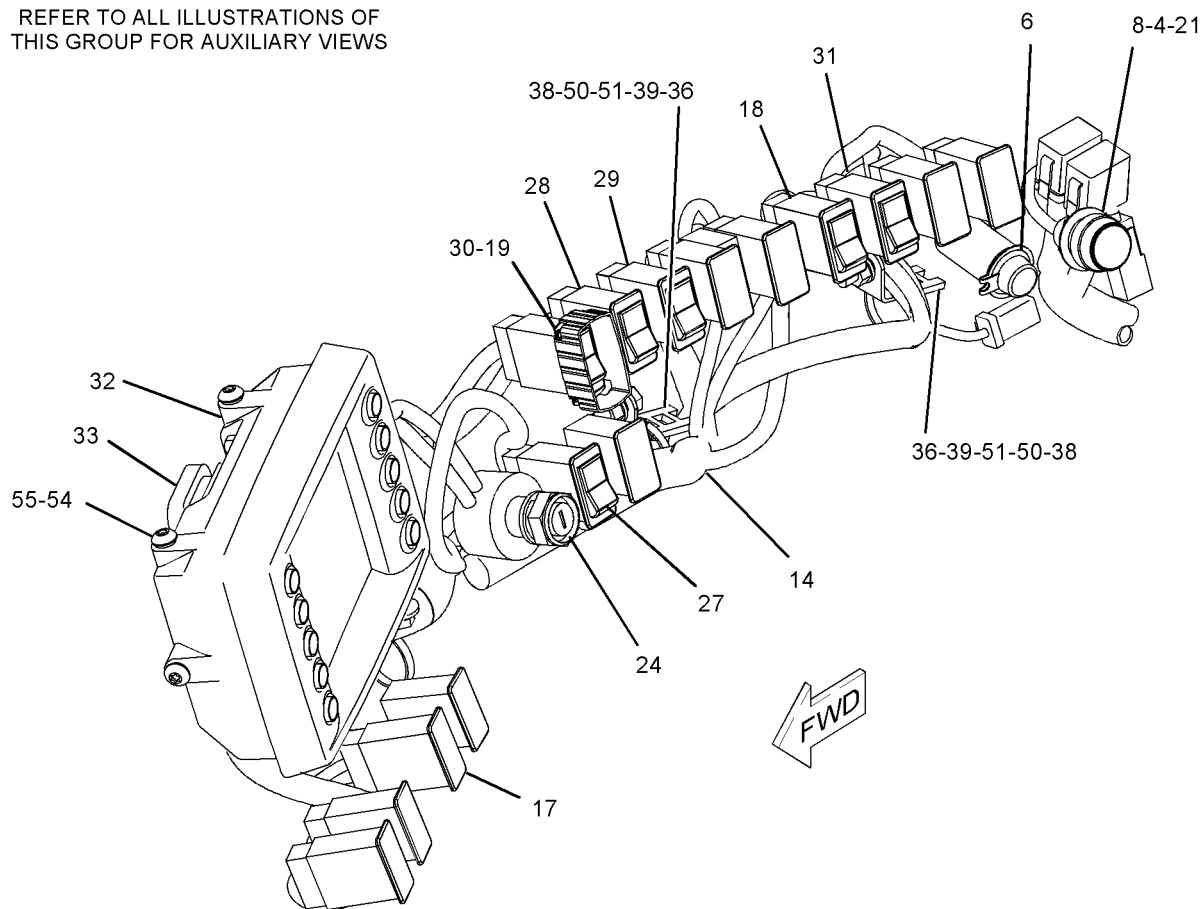
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ELECTRICAL AND STARTING SYSTEM

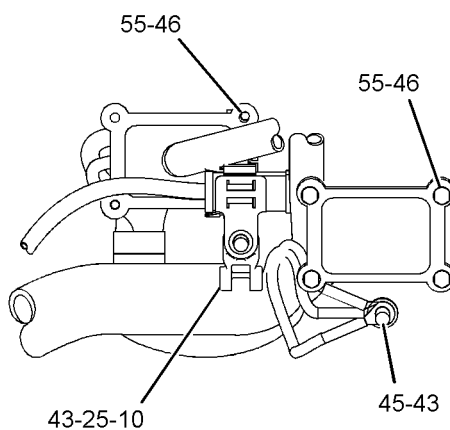
218-7063 WIRING GP-PLATFORM (contd.)

i03536284

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



VIEW OF AREA D



VIEW E-E

GRAPHIC #2

<END>

g01142573

ELECTRICAL AND STARTING SYSTEM

218-7063 WIRING GP-PLATFORM

S/N: RJG685-UP

PART OF 219-4135 PLATFORM AR

SMCS-1408

i03459289

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3E-5239	3	RELAY AS (24-VOLT)	
Y	2	1	3E-6328	1	ALARM GP (24-VOLT) (ACTION)	300
	3	1	6I-1418	8	SPACER (8.2X12.7X28.7-MM THK)	
	4	2	7N-1996	1	LAMP (24-VOLT)	
	5	1	8T-9655	16	MOUNT-ISOLATION	
	6	2	117-2311	1	RECEPTACLE AS-POWER (12-VOLT)	
Y	7	1	158-6632	1	SWITCH GP-PUSH BUTTON (HORN)	500
	8	2	170-3461	1	LAMP AS-INDICATOR (ACTION LIGHT)	
		2	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)	
		2	3T-0304	1	BASE AS-INDICATOR LIGHT	
		2	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
E		2	9X-1813		SLEEVE (8-CM)	
D		2	5P-5623		WIRE-ELECTRICAL (16-GA, BLACK) (0.3-M)	
D		2	6V-2689		TUBE-HEAT SHRINK (6.35-MM DIA) (0.1-M)	
B	9	1,2	204-2281	22	STRAP-TIE	
	10	1,2	204-8000	6	MOUNT (TIE WRAP)	
	11	1	209-0381	1	CONVERTER-POWER (24-VOLT TO 12-VOLT)	
	12	2	211-4232	1	HARNESS AS-MONITOR (ADVISOR)	
	13	1	216-1319	1	HARNESS AS-DASH	
	14	2	222-7877	1	SWITCH AS-ROCKER (24-VOLT) (THROTTLE)	
	15	2	222-7883	1	SWITCH AS-ROCKER (IMPLEMENT LOCKOUT)	
Y	16	1	223-8176	1	PANEL GP-FUSE	435
	17	1	224-9222	1	BRACKET	
	18	1	227-3127	1	PLUG AS-CODE (POWER TRAIN)	
	18A	1	227-3127	1	PLUG AS-CODE (IMPLEMENT)	
					(EACH PLUG AS INCLUDES)	
		1	3E-3383	1	WEDGE-RECEPTACLE LOCK (6-PIN)	
		1	8T-8737	3	PLUG-SEAL	
E		1	114-8843		SLEEVE-PLASTIC (20-CM)	
D		1	5P-5677		WIRE (18-GA, BLACK) (0.4-M)	
		1	9X-3401	3	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	19	2	228-6089	8	PLUG (ROCKER SWITCH)	
	20	2	229-0774	1	SWITCH AS-ROCKER (CYLINDER LIGHT)	
	21	2	246-4311	1	GUARD (SWITCH)	
	22	2	259-2093	1	LENS (RED)	
C	23	1	273-9929	1	HARNESS AS-CONSOLE	
	24	1	284-8906	1	CONTROL GP-UNPROGRAMMED (MONITOR)	
	25	2	297-3218	1	CLIP	
	26	1	303-4372	1	MODULE GP-DISPLAY (GAUGE CLUSTER)	
R	27	1	304-5687	1	CONTROL GP-UNPROGRAMMED (POWER TRAIN)	
R	27A	1	304-5687	1	CONTROL GP-UNPROGRAMMED (IMPLEMENT)	
	28	1	326-4762	1	HARNESS AS-PLATFORM	
M	29	1	107-3786	4	BOLT (M4X0.7X12-MM)	
J	30	2	110-7887	1	SWITCH AS-START (KEY)	
		2	7T-6799	1	NUT-MOUNTING (1-32-THD)	
		2	186-3735	4	PIN-CONNECTOR (16-GA TO 18-GA)	
		2	102-8804	1	KIT-RECEPTACLE (4-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
C	31	2	130-5300	1	CLIP	
	32	1	156-6175	1	CLIP	
	33	2	222-7879	1	SWITCH AS-ROCKER (BI-DIRECTIONAL SHIFT)	
	34	2	222-7880	1	SWITCH AS-ROCKER (AUTO DOWN SHIFT)	
	35	2	222-7884	1	SWITCH AS-ROCKER (FENDER LIGHT)	

ELECTRICAL AND STARTING SYSTEM

218-7063 WIRING GP-PLATFORM (contd.)

i03459289

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	36	2	4P-7581	2	CLIP						
C	37	1,2	4P-8134	11	CLIP						
M	38	2	5C-7261	1	NUT (M8X1.25-THD)						
M	39	1	5C-9553	1	BOLT (M6X1X16-MM)						
M	40	2	5P-7970	2	NUT (M8X1.25-THD)						
BC	41	1,2	7K-1181	31	STRAP-CABLE						
M	42	1	7X-0818	8	BOLT (M8X1.25X45-MM)						
M	43	1	8T-0326	6	BOLT (M5X0.8X25-MM)						
	44	1	8T-0328	6	WASHER-HARD (5.5X10X1-MM THK)						
	45	1,2	8T-4121	18	WASHER-HARD (11X21X2.5-MM THK)						
M	46	1,2	8T-4136	10	BOLT (M10X1.5X25-MM)						
M	47	1,2	8T-4137	5	BOLT (M10X1.5X20-MM)						
M	48	1,2	8T-4138	14	BOLT (M6X1X20-MM)						
M	49	1	8T-4171	2	BOLT (M6X1X12-MM)						
M	50	2	8T-4189	1	BOLT (M8X1.25X20-MM)						
M	51	1	8T-4191	2	BOLT (M10X1.5X16-MM)						
M	52	1	8T-4195	1	BOLT (M10X1.5X30-MM)						
M	53	2	8T-4200	4	BOLT (M8X1.25X16-MM)						
	54	2	8T-4224	10	WASHER-HARD (8.8X16X2-MM THK)						
M	55	2	8T-4908	2	BOLT (M8X1.25X25-MM)						
	56	1	9N-0869	16	WASHER-HARD (8.8X25.5X2-MM THK)						
M	57	1	9X-1046	2	SCREW (M4X0.7X18-MM)						
M	58	1,2	9X-2042	7	SCREW-TRUSS HEAD (M6X1X12-MM)						
	59	1,2	9X-8256	19	WASHER (6.6X12X2-MM THK)						

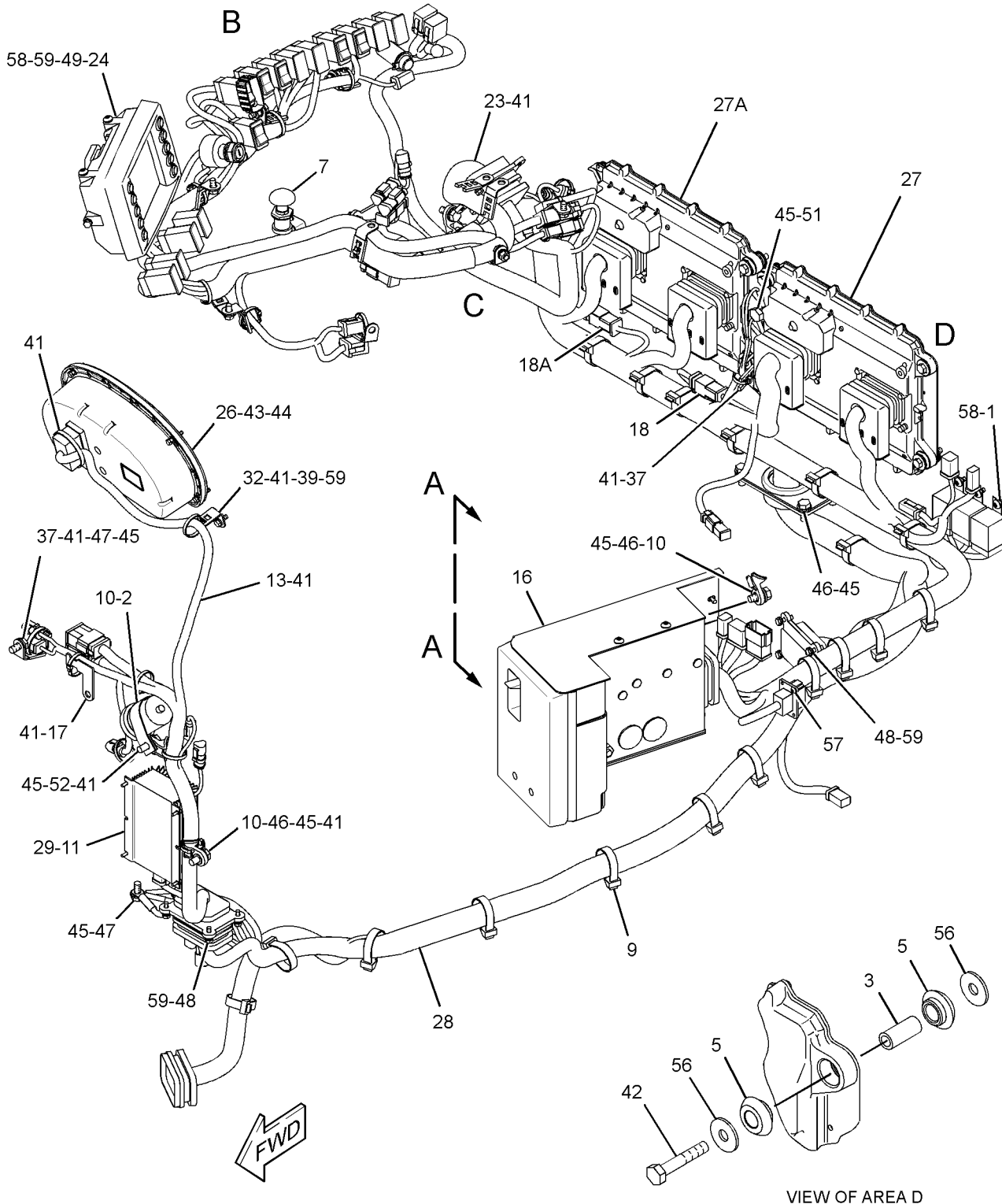
B-USE AS REQUIRED
 C-CHANGE FROM PREVIOUS TYPE
 D-ORDER BY THE METER
 E-ORDER BY THE CENTIMETER
 J-REQUIRES 5P-8500 KEY
 M-METRIC PART
 R-REMFG PART MAY BE AVAILABLE
 Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

218-7063 WIRING GP-PLATFORM (contd.)

i03459289

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



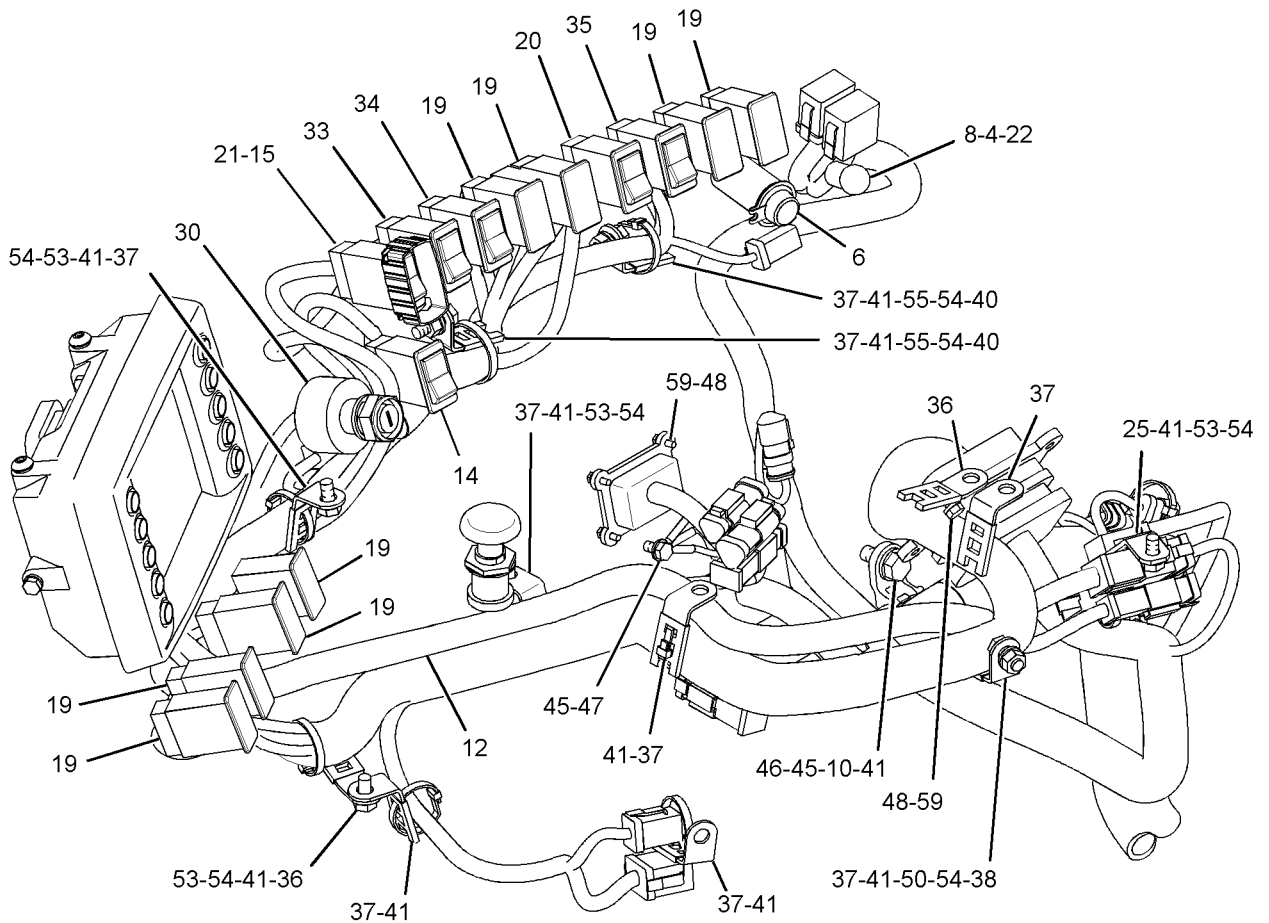
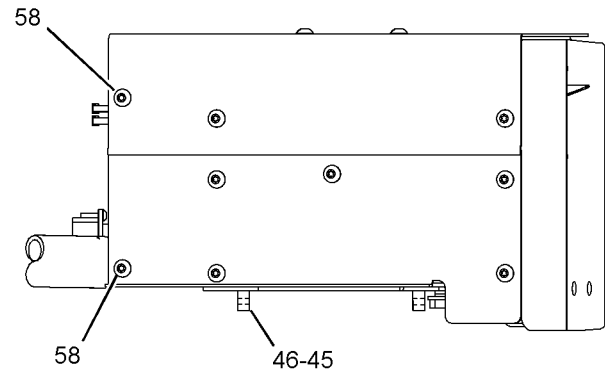
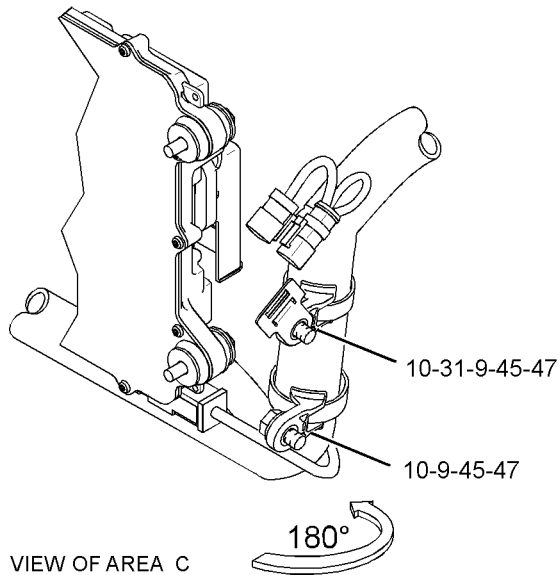
GRAPHIC #1

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ELECTRICAL AND STARTING SYSTEM

218-7063 WIRING GP-PLATFORM (contd.)

i03459289



GRAPHIC #2

<END>

g01838534

ELECTRICAL AND STARTING SYSTEM

257-4183 WIRING GP-UNIT INJECTOR

S/N: RJG1-UP

FOR USE AS SERVICE REPAIR FOR INJECTOR HARNESSSES WITH THE 7E-6513 CONNECTOR
FIELD INSTALLATION

SMCS-1290, 1408, 1900

i02231604

PART NAME

SEE
PAGE

NOTE

PART NUMBER

QTY

1 2 3 4 5 6 (PRODUCT LEVEL)

(NO SERVICED PARTS)

<END>

POWER TRAIN

110-2637 AXLE GP-POWER TRAIN

S/N: RJG1-UP

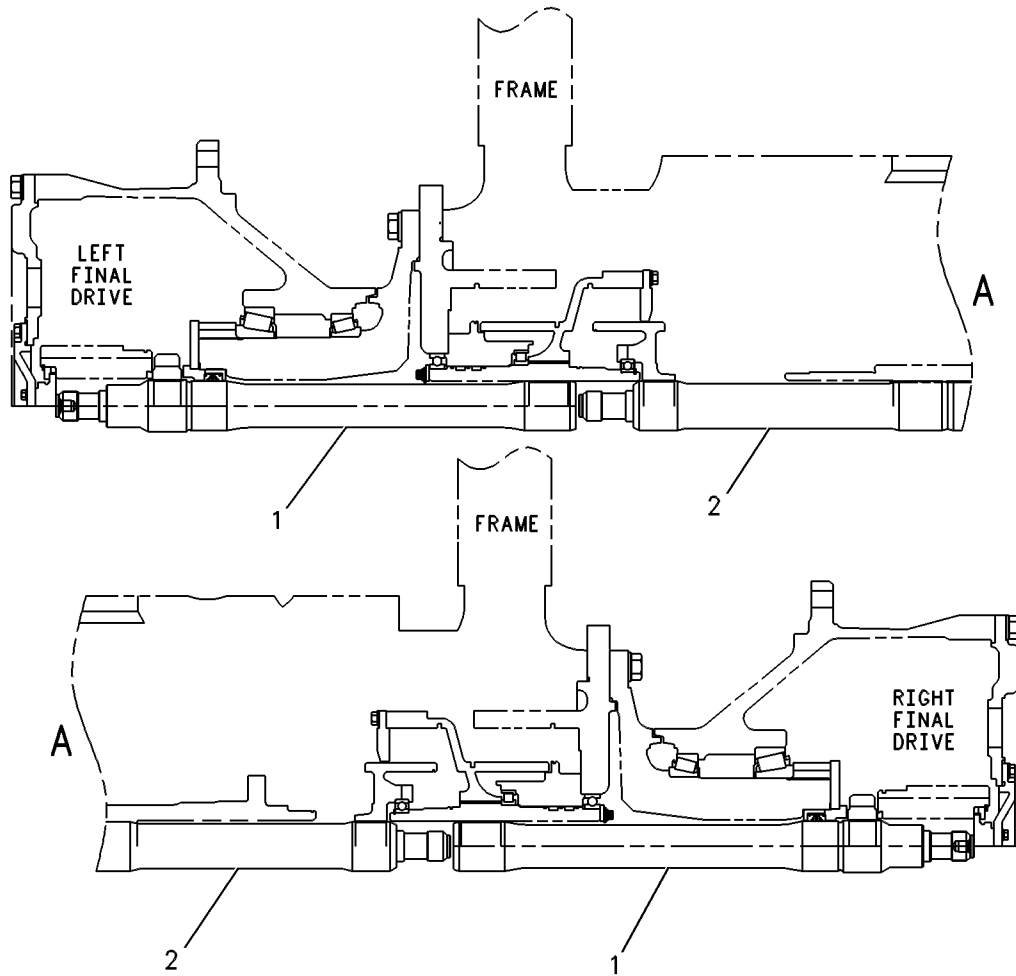
PART OF 212-2746 POWER TRAIN AR

SMCS-3282

i01401277

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	147-1226	2	SHAFT AS						
					(EACH SHAFT AS INCLUDES)						
		1	8E-0618	1	BEARING-THRUST						
C	2	1	150-1302	2	SHAFT AS						
					(EACH SHAFT AS INCLUDES)						
		1	8E-0618	1	BEARING-THRUST						

QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH LH AND RH SIDES
C-CHANGE FROM PREVIOUS TYPE



GRAPHIC #1

<END>

g00252802

POWER TRAIN

172-2263 CASE & PARTS GP-PLANETARY

S/N: DRL1-UP

PART OF 213-5171 TRANSMISSION AR

SMCS-3030, 3064, 3160

i02284123

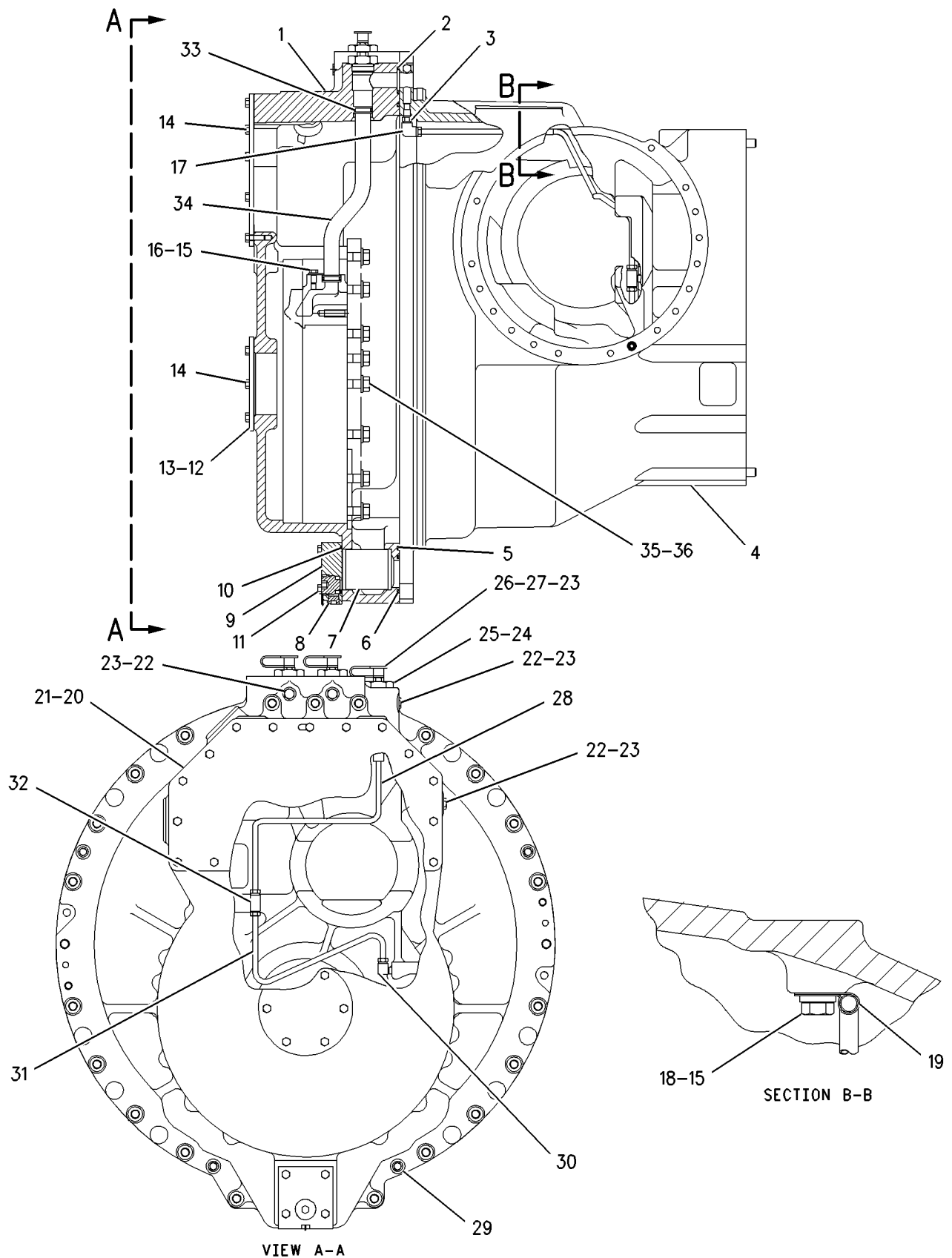
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	110-9291	1	COVER AS	
		1	7M-8480	2	DOWEL	
	2	1	9M-9647	3	SEAL-O-RING	
	3	1	5P-8998	1	FITTING	
	4	1	172-3473	1	CASE AS	
		1	4B-9785	3	BALL	
		1	4D-8148	2	DOWEL	
		1	114-4655	1	PLUG-CUP	
	5	1	5P-9519	1	SEAL-O-RING	
	6	1	6L-9284	1	SEAL-O-RING	
	7	1	8S-9130	1	SCREEN-SUCTION (TRANSMISSION SCAVENGE)	
	8	1	8T-6762	1	PLUG-PIPE	
Y	9	1	106-4150	1	DRAIN GP-ECOLOGY (TRANSMISSION CASE)	551
	10	1	6L-9965	1	SEAL-O-RING	
	11	1	8T-2501	4	BOLT (3/8-16X2-IN)	
	12	1	9G-8615	1	COVER	
	13	1	8P-0058	1	GASKET-COVER	
	14	1	034-3557	25	BOLT-LOCKING (3/8-16X1.125-IN)	
	15	1	5K-9107	2	BOLT-LOCKING (3/8-16X0.75-IN)	
	16	1	5K-5120	1	STRIP	
	17	1	9S-7710	1	ELBOW-FLARED	
	18	1	5M-2894	1	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	19	1	9S-1350	1	CLIP	
	20	1	172-4275	1	COVER	
	21	1	186-3161	1	GASKET-COVER	
	22	1	9S-4191	4	PLUG-O-RING	
	23	1	3J-1907	7	SEAL-O-RING	
	24	1	2S-4078	3	SEAL-O-RING	
	25	1	8J-5914	3	PLUG	
	26	1	6V-0852	3	CAP-DUST	
	27	1	6V-3965	3	FITTING (QUICK DISCONNECT)	
	28	1	110-9299	1	TUBE AS	
	29	1	4K-5175	4	BOLT-12 POINT HEAD (1/2-13X1.5-IN)	
	30	1	5K-9235	1	ELBOW-FLARED	
	31	1	110-9300	1	TUBE AS	
	32	1	5K-9989	1	TEE-FLARED	
	33	1	8M-5266	2	SEAL-O-RING	
	34	1	112-4512	1	TUBE	
	35	1	9X-8880	15	BOLT (5/8-11X2-IN)	
	36	1	5P-8247	15	WASHER-HARD (17X32X3.5-MM THK)	

Y-SEPARATE ILLUSTRATION

POWER TRAIN

172-2263 CASE & PARTS GP-PLANETARY (contd.)

i02284123



GRAPHIC #1

<END>

g00753493

POWER TRAIN

219-3034 CONTROL GP-TRANSMISSION HYD

S/N: DRL1-565

PART OF 213-5171 TRANSMISSION AR

SMCS-3073, 3167

i02627643

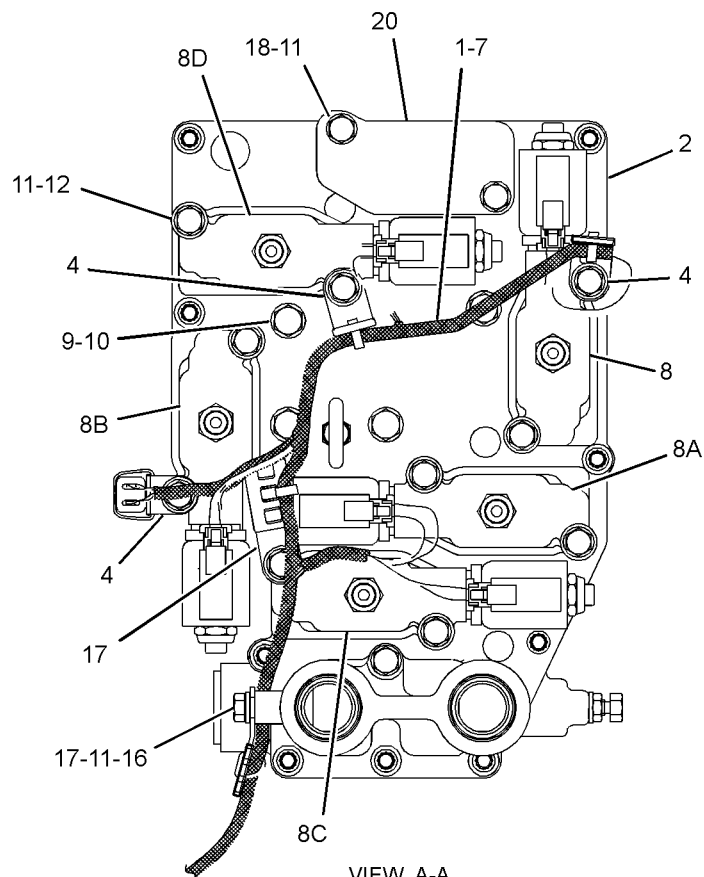
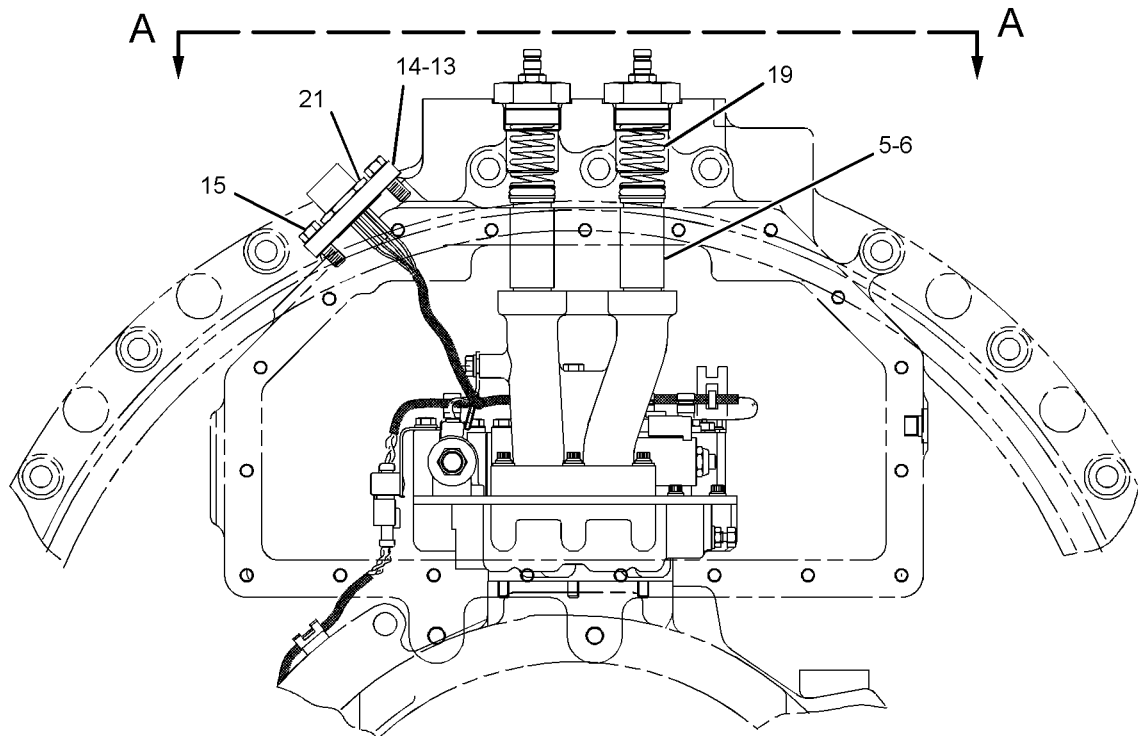
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	219-3035	1	HARNESS AS-TRANSMISSION	
		1	6J-2419	1	SEAL-O-RING	
		1	102-8804	1	KIT-RECEPTACLE (4-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2270	7	KIT-CONNECTING PLUG (2-PIN) (EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
Y	2	1	244-7000	1	VALVE GP-CONTROL (TRANSMISSION)	962
	4	1	132-5789	3	CLIP	
	5	1	3T-6457	2	SLEEVE	
	6	1	8M-4432	4	SEAL-O-RING	
	7	1	3S-2093	5	STRAP-CABLE	
Y	8	1	244-3114	1	VALVE GP-MODULATING (24-VOLT) (REVERSE)	620
Y	8A	1	244-3114	1	VALVE GP-MODULATING (24-VOLT) (FORWARD)	620
Y	8B	1	244-3114	1	VALVE GP-MODULATING (24-VOLT) (THIRD GEAR)	620
Y	8C	1	244-3114	1	VALVE GP-MODULATING (24-VOLT) (SECOND GEAR)	620
Y	8D	1	244-3114	1	VALVE GP-MODULATING (24-VOLT) (FIRST GEAR)	620
	9	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	10	1	0S-1619	4	BOLT (3/8-16X3-IN)	
	11	1	9M-1974	13	WASHER-HARD (8.8X16X2-MM THK)	
	12	1	1D-4540	10	BOLT (5/16-18X2.75-IN)	
	13	1	104-6729	1	RETAINER	
	14	1	104-6730	1	GASKET	
	15	1	1A-2029	2	BOLT (3/8-16X1.125-IN)	
	16	1	2H-3755	1	BOLT (5/16-18X0.43-IN)	
	17	1	4P-7581	2	CLIP	
	18	1	1B-7182	2	BOLT (5/16-18X1.25-IN)	
	19	1	3T-4403	2	SPRING	
	20	1	193-0711	1	COVER	
	21	1	125-5341	1	NUT (1-1/4-18-THD)	

Y-SEPARATE ILLUSTRATION

POWER TRAIN

219-3034 CONTROL GP-TRANSMISSION HYD (contd.)

i02627643



GRAPHIC #1

<END>

g01319870

POWER TRAIN

219-3034 CONTROL GP-TRANSMISSION HYD

S/N: DRL566-UP

PART OF 213-5171 TRANSMISSION AR

SMCS-3073, 3167

i02627638

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	268-0208	1	HARNESS AS-TRANSMISSION	
	1A	1	6J-2419	1	SEAL-O-RING	
	1B	1	125-5341	1	NUT (1-1/4-18-THD)	
		1	155-2270	7	KIT-CONNECTING PLUG (2-PIN)	
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
Y	2	1	244-7000	1	VALVE GP-CONTROL (TRANSMISSION)	962
	4	1	132-5789	3	CLIP	
	5	1	3T-6457	2	SLEEVE	
	6	1	8M-4432	4	SEAL-O-RING	
	7	1	3S-2093	5	STRAP-CABLE	
Y	8	1	244-3114	1	VALVE GP-MODULATING (24-VOLT) (REVERSE)	620
Y	8A	1	244-3114	1	VALVE GP-MODULATING (24-VOLT) (FORWARD)	620
Y	8B	1	244-3114	1	VALVE GP-MODULATING (24-VOLT) (THIRD GEAR)	620
Y	8C	1	244-3114	1	VALVE GP-MODULATING (24-VOLT) (SECOND GEAR)	620
Y	8D	1	244-3114	1	VALVE GP-MODULATING (24-VOLT) (FIRST GEAR)	620
	9	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	10	1	0S-1619	4	BOLT (3/8-16X3-IN)	
	11	1	9M-1974	13	WASHER-HARD (8.8X16X2-MM THK)	
	12	1	1D-4540	10	BOLT (5/16-18X2.75-IN)	
	13	1	104-6729	1	RETAINER	
	14	1	104-6730	1	GASKET	
	15	1	1A-2029	2	BOLT (3/8-16X1.125-IN)	
	16	1	2H-3755	1	BOLT (5/16-18X0.43-IN)	
	17	1	4P-7581	2	CLIP	
	18	1	1B-7182	2	BOLT (5/16-18X1.25-IN)	
	19	1	3T-4403	2	SPRING	
	20	1	193-0711	1	COVER	

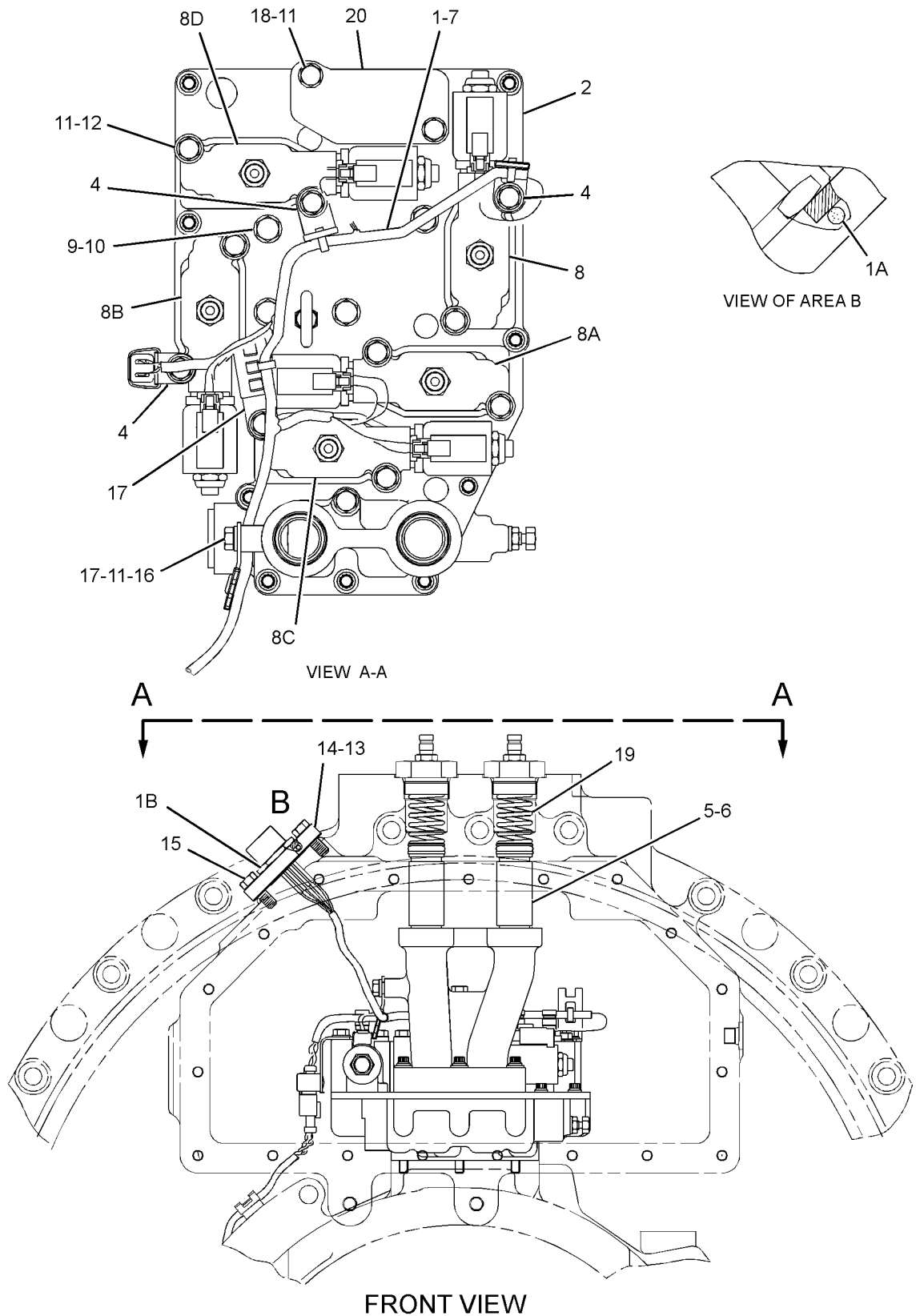
C-CHANGE FROM PREVIOUS TYPE

Y-SEPARATE ILLUSTRATION

POWER TRAIN

219-3034 CONTROL GP-TRANSMISSION HYD (contd.)

i02627638



GRAPHIC #1

<END>

g01319092

POWER TRAIN

220-5548 COUPLING GP-PUMP

S/N: RJG1-UP

PART OF 212-2746 POWER TRAIN AR

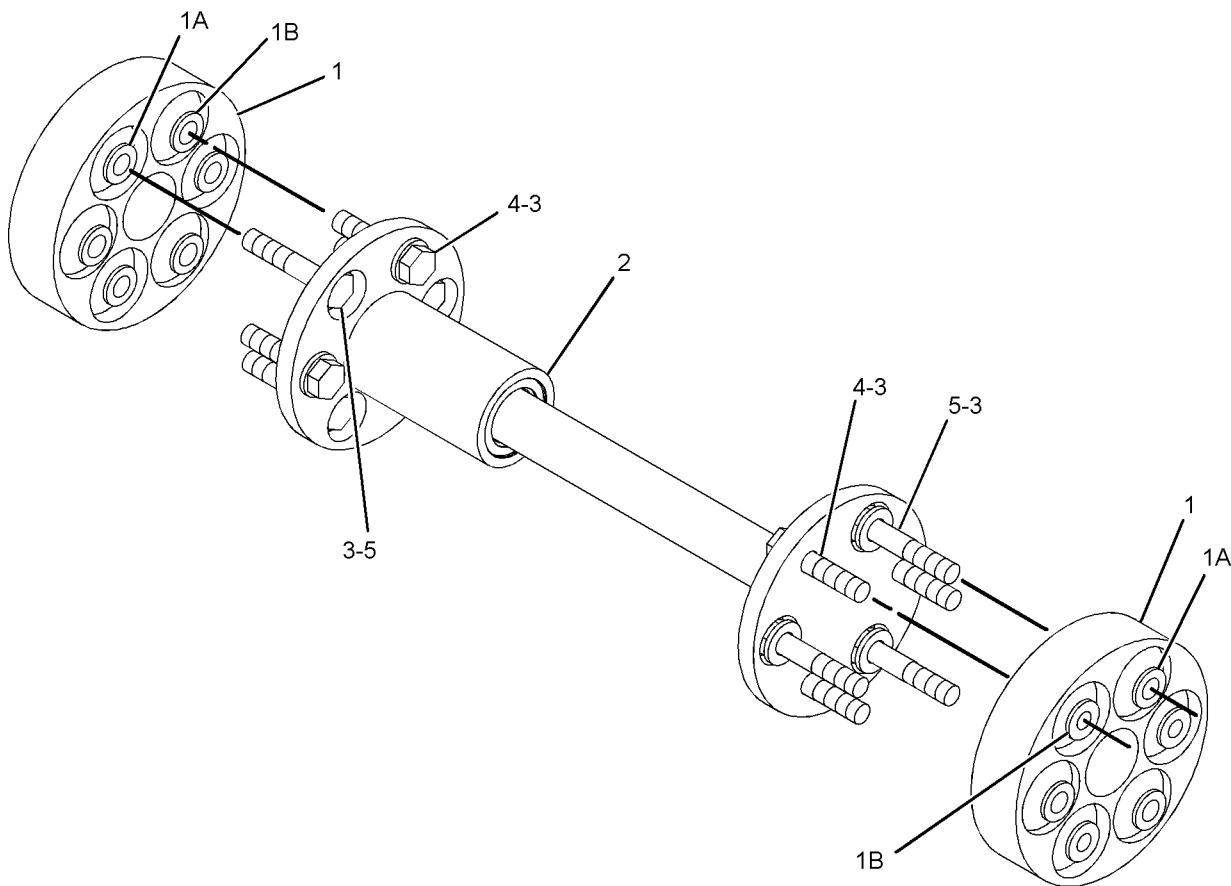
SMCS-5062

i02050402

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	211-9087	2	COUPLING AS	
					(EACH INCLUDES)	
	1A	1	6Y-2130	3	BUSHING AS	
	1B	1	211-9085	3	BUSHING AS	
Y	2	1	220-5549	1	SLIP JOINT GP	611
	3	1	8T-4121	12	WASHER-HARD (11X21X2.5-MM THK)	
M	4	1	8T-4182	6	BOLT (M10X1.5X45-MM)	
M	5	1	8T-4185	6	BOLT (M10X1.5X50-MM)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01052722

POWER TRAIN

106-4150 DRAIN GP-ECOLOGY-
TRANSMISSION, TORQUE CONVERTER

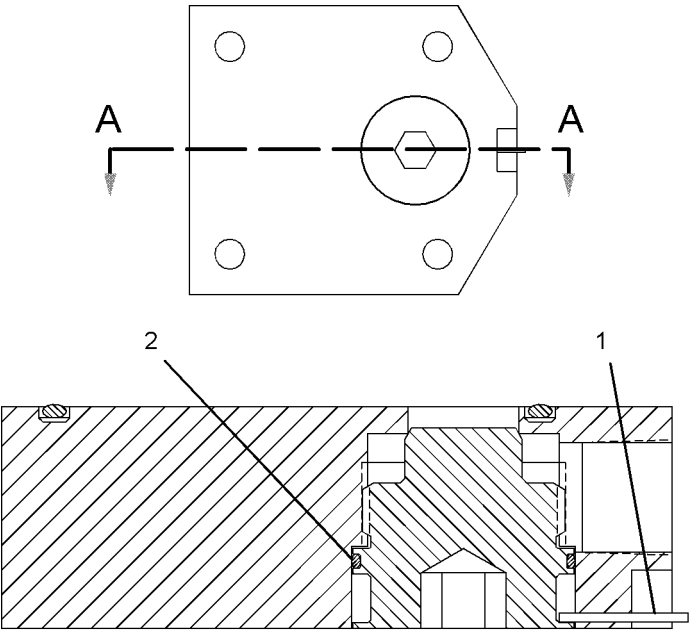
S/N: RJG1-UP; DRL1-UP

PART OF 172-2263 CASE & PARTS GP-PLANETARY, 226-7614 TORQUE CONVERTER GP

SMCS-3100

i02128166

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4N-3808	1	PIN-SPRING						
	2	1	5P-9658	1	SEAL-O-RING						



SEC-
TION
A-A

GRAPHIC #1

<END>

g01083446

POWER TRAIN

110-2655 DRIVE GP-FINAL

S/N: RJG1-UP

PART OF 212-2746 POWER TRAIN AR
FIELD REPLACEMENT ORDER 110-2656-PAGE 555

SMCS-4050

i03374780

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8D-4771	1	SEAL-O-RING						
	2	1	8T-9412	3	BOLT-12 POINT HEAD (1/2-13X1.5-IN)						
	3	1	324-3270	1	SPINDLE						
	4	1	130-6889	1	SEAL GP-DUO-CONE						
	4A	1	127-0116	2	RING-TORIC						
	5	1	126-0588	1	CONE-SPECIAL TAPERED						
	6	1	3D-9133	1	CUP-BEARING						
	7	1	6V-8281	1	CUP-BEARING						
	8	1	126-0587	1	CONE-SPECIAL TAPERED						
	9	1	110-2664	1	HUB-SPROCKET						
	10	1	9W-9135	1	HUB-REACTION						
	11	1	5D-0353	8	BOLT-LOCKING (3/8-16X1-IN)						
	12	1	8P-5698	4	PLATE						
CY	13	1	160-4928	1	SEGMENT GP-SPROCKET						608
	14	1	9W-9132	4	GEAR-PLANETARY (27-TEETH)						
	15	1	9P-3657	4	RING-LOCK						
	16	1	1B-3978	8	CUP-BEARING (TAPERED ROLLER)						
	17	1	156-4593	8	CONE-BEARING (TAPERED ROLLER)						
	18	1	110-2665	4	SHAFT-PLANETARY						
	19	1	9P-3801	4	SHAFT						
	20	1	1L-7319	8	CUP-BEARING						
	21	1	1L-7203	8	CONE-BEARING						
	22	1	9W-9134	4	GEAR-PLANETARY (25-TEETH)						
	23	1	3T-3294	1	CARRIER-PLANETARY						
	24	1	8T-9400	35	BOLT (7/8-9X2.5-IN)						
	25	1	8C-6913	35	WASHER-HARD (24X41.5X4-MM THK)						
	26	1	5D-7523	1	SEAL-O-RING						
	27	1	6V-1653	4	SEAL-QUAD RING						
	28	1	3P-8827	4	PLATE						
	29	1	030-8538	8	BOLT (1/2-13X1.25-IN)						
	30	1	9M-5894	1	SEAL-O-RING						
	31	1	3P-8820	1	RING-THRUST						
	32	1	3P-8822	1	COVER						
	33	1	110-2674	1	RING-THRUST						
	34	1	9W-9133	1	GEAR-SUN (22-TEETH)						
	35	1	2S-0613	1	RING-RETAINING						
	36	1	6V-3298	1	PLUG-MAGNETIC (FINAL DRIVE, OIL FILL)						
	37	1	2S-4078	1	SEAL-O-RING						
	38	1	9S-4185	1	PLUG-O-RING (FINAL DRIVE, OIL DRAIN)						
	39	1	3K-0360	1	SEAL-O-RING						
	40	1	5F-7054	1	SEAL-O-RING						
	41	1	9P-3555	1	GEAR-RING (74-TEETH)						
	42	1	9W-9136	1	CARRIER-PLANETARY						
	43	1	6T-6566	1	RING-RETAINING						
	44	1	5P-8944	1	RING-RETAINING						
	45	1	110-2662	1	GEAR-SUN (18-TEETH)						
	46	1	110-2671	1	RETAINER						
	47	1	124-2375	1	SEAL-LIP TYPE						
	48	1	110-2670	1	HOLDER						
	49	1	1D-4640	30	BOLT (1-8X4.25-IN)						
	50	1	5P-8250	30	WASHER (28X49X5-MM THK)						
	51	1	147-0071	1	BEARING-THRUST						
	52	1	5K-7143	16	BOLT-SELF-LOCKING (1/2-13X1.5-IN)						
	53	1	6T-0609	16	PIN						
	54	1	5P-8245	8	WASHER-HARD (13.5X25.5X3-MM THK)						

POWER TRAIN

110-2655 DRIVE GP-FINAL (contd.)

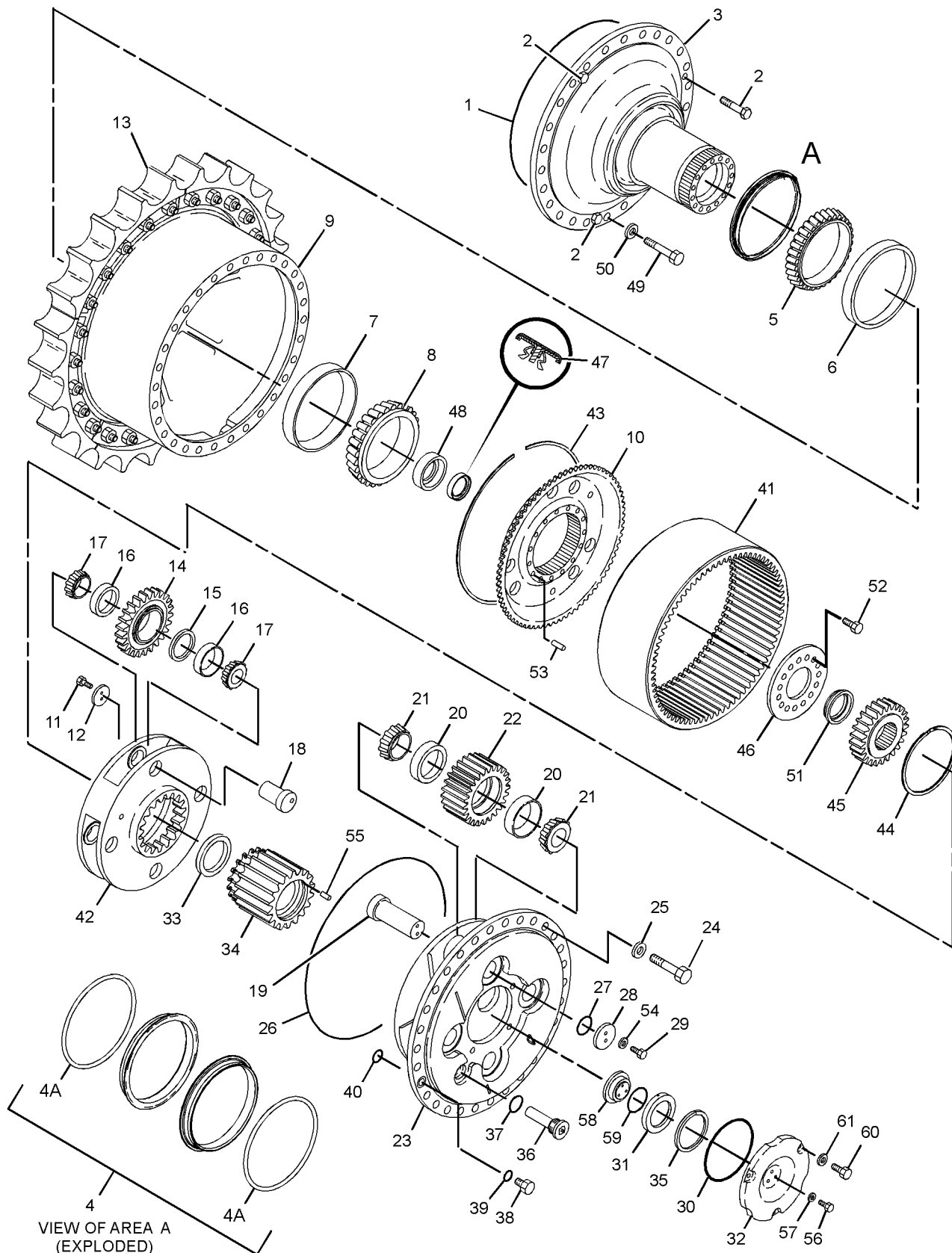
i03374780

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	55	1	7S-4326	1	DOWEL						
	56	1	8T-2502	3	BOLT (3/8-16X1.125-IN)						
	57	1	8T-4896	3	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	58	1	8E-3124	1	RETAINER						
	59	1	6F-8146	1	SEAL-O-RING						
	60	1	8T-8917	4	BOLT (1/2-13X1.25-IN)						
	61	1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)						
					PARTS SHOWN IN GRAPHIC(S) WITHOUT A REFERENCE NUMBER ARE NOT SERVICED SEPARATELY						
C-CHANGE FROM PREVIOUS TYPE Y-SEPARATE ILLUSTRATION											

POWER TRAIN

110-2655 DRIVE GP-FINAL (contd.)

i03374780



VIEW OF AREA A
(EXPLODED)

GRAPHIC #1

<END>

g01745054

POWER TRAIN

110-2656 DRIVE GP-FINAL*R

S/N: RJG1-UP

FIELD REPLACEMENT FOR 110-2655—PAGE 552

SMCS-4050

i03536287

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8T-2502	3	BOLT (3/8-16X1.125-IN)						
	2	1	8T-4896	3	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	3	1	030-8538	8	BOLT (1/2-13X1.25-IN)						
	4	1	5P-8245	8	WASHER-HARD (13.5X25.5X3-MM THK)						
	5	1	3P-8822	1	COVER						
	6	1	6V-3298	1	PLUG-MAGNETIC (FINAL DRIVE, OIL FILL)						
	7	1	2S-4078	1	SEAL-O-RING						
	8	1	9S-4185	1	PLUG-O-RING (FINAL DRIVE, OIL DRAIN)						
	9	1	3K-0360	1	SEAL-O-RING						
	10	1	5F-7054	1	SEAL-O-RING						
	11	1	3T-3294	1	CARRIER-PLANETARY						
	12	1	5D-7523	1	SEAL-O-RING						
	13	1	9M-5894	1	SEAL-O-RING						
	14	1	2S-0613	1	RING-RETAINING						
	15	1	3P-8827	4	PLATE						
	16	1	6V-1653	4	SEAL-QUAD RING						
	17	1	8T-9400	35	BOLT (7/8-9X2.5-IN)						
	18	1	8C-6913	35	WASHER-HARD (24X41.5X4-MM THK)						
	19	1	1L-7203	8	CONE-BEARING						
	20	1	1L-7319	8	CUP-BEARING						
	21	1	9W-9134	4	GEAR-PLANETARY (25-TEETH)						
	22	1	9W-9133	1	GEAR-SUN (22-TEETH)						
	23	1	7S-4326	1	DOWEL						
	24	1	9W-9136	1	CARRIER-PLANETARY						
	25	1	3P-8820	1	RING-THRUST						
	26	1	6F-8146	1	SEAL-O-RING						
	27	1	8E-3124	1	RETAINER						
	28	1	5K-7143	16	BOLT-SELF-LOCKING (1/2-13X1.5-IN)						
	29	1	110-2665	4	SHAFT-PLANETARY						
	30	1	5P-8944	1	RING-RETAINING						
	31	1	8P-5698	4	PLATE						
	32	1	5D-0353	8	BOLT-LOCKING (3/8-16X1-IN)						
	33	1	110-2662	1	GEAR-SUN (18-TEETH)						
	34	1	9P-3801	4	SHAFT						
C	35	1	147-0071	1	BEARING-THRUST						
	36	1	110-2671	1	RETAINER						
	37	1	9P-3555	1	GEAR-RING (74-TEETH)						
	38	1	156-4593	8	CONE-BEARING (TAPERED ROLLER)						
	39	1	1B-3978	8	CUP-BEARING (TAPERED ROLLER)						
	40	1	9W-9132	4	GEAR-PLANETARY (27-TEETH)						
	41	1	9P-3657	4	RING-LOCK						
	42	1	6T-0609	16	PIN						
	43	1	9W-9135	1	HUB-REACTION						
	44	1	6T-6566	1	RING-RETAINING						
	45	1	124-2375	1	SEAL-LIP TYPE						
	46	1	126-0587	1	CONE-SPECIAL TAPERED						
	47	1	6V-8281	1	CUP-BEARING						
	48	1	110-2664	1	HUB-SPROCKET						
	49	1	3D-9133	1	CUP-BEARING						
	50	1	126-0588	1	CONE-SPECIAL TAPERED						
	51	1	130-6889	1	SEAL GP-DUO-CONE						
	51A	1	127-0116	2	RING-TORIC						
	52	1	324-3270	1	SPINDLE						
	53	1	8D-4771	1	SEAL-O-RING						
	54	1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)						
	55	1	8T-8917	4	BOLT (1/2-13X1.25-IN)						

POWER TRAIN

110-2656 DRIVE GP-FINAL (contd.)

i03536287

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	56	1	110-2670	1	HOLDER	
	57	1	110-2674	1	RING-THRUST	

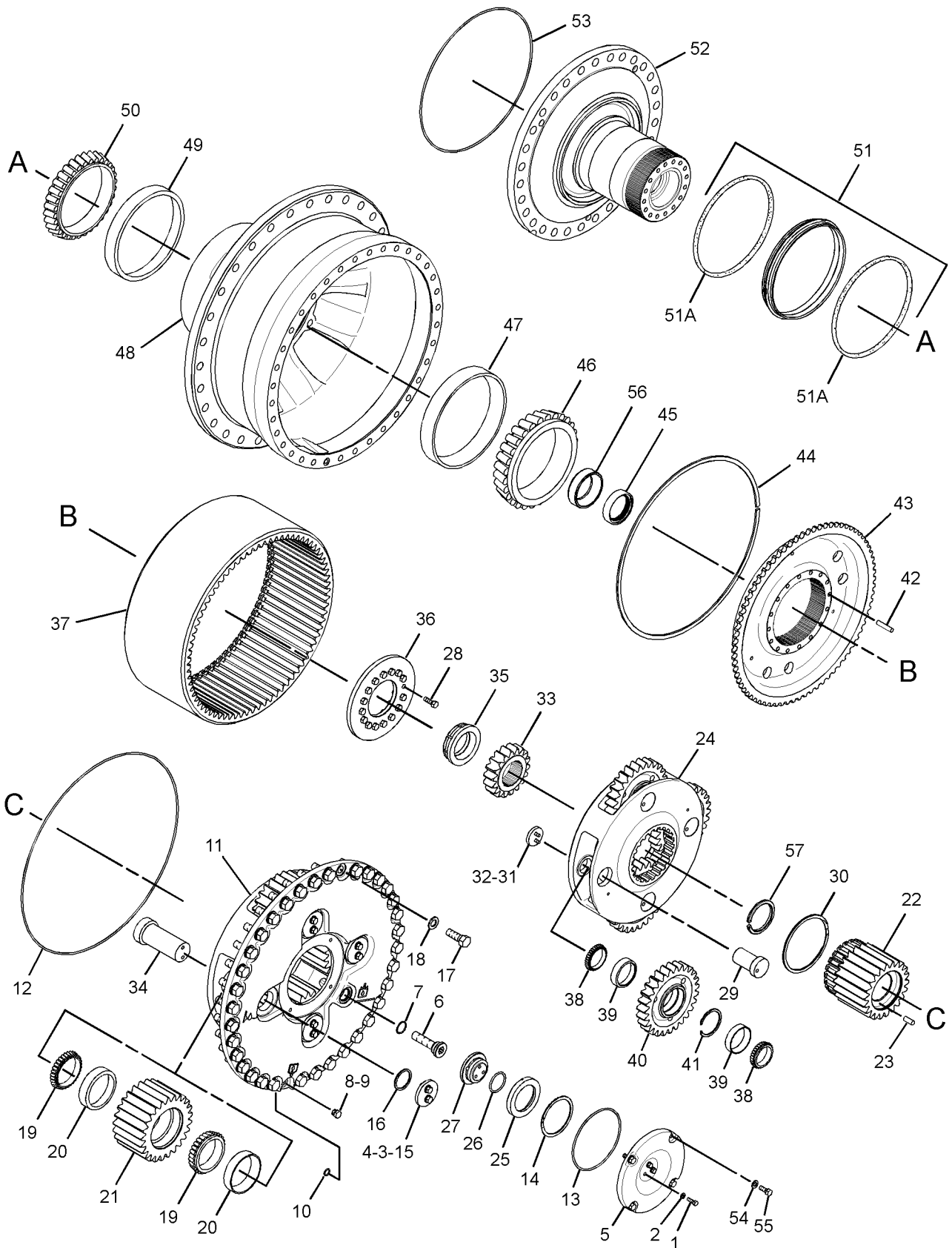
PARTS SHOWN IN GRAPHIC(S) WITHOUT A REFERENCE
NUMBER ARE NOT SERVICED SEPARATELY

C-CHANGE FROM PREVIOUS TYPE

POWER TRAIN

110-2656 DRIVE GP-FINAL (contd.)

i03536287



GRAPHIC #1

<END>

g01747455

POWER TRAIN

110-2780 DRIVE GP-FINAL-COLD WEATHER

S/N: RJG1-UP

PART OF 238-4491, 238-4492 COLD WEATHER AR
AN ATTACHMENT

SMCS-4050

i03374803

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8D-4771	1	SEAL-O-RING						
	2	1	8T-9412	3	BOLT-12 POINT HEAD (1/2-13X1.5-IN)						
	3	1	324-3270	1	SPINDLE						
	4	1	118-2900	1	SEAL GP-DUO-CONE						
		1	3P-1849	2	RING-SEALING						
	5	1	126-0588	1	CONE-SPECIAL TAPERED						
	6	1	3D-9133	1	CUP-BEARING						
	7	1	6V-8281	1	CUP-BEARING						
	8	1	126-0587	1	CONE-SPECIAL TAPERED						
	9	1	110-2664	1	HUB-SPROCKET						
	10	1	9W-9135	1	HUB-REACTION						
	11	1	5D-0353	8	BOLT-LOCKING (3/8-16X1-IN)						
	12	1	8P-5698	4	PLATE						
CY	13	1	160-4928	1	SEGMENT GP-SPROCKET						608
	14	1	9W-9132	4	GEAR-PLANETARY (27-TEETH)						
	15	1	9P-3657	4	RING-LOCK						
	16	1	1B-3978	8	CUP-BEARING (TAPERED ROLLER)						
	17	1	156-4593	8	CONE-BEARING (TAPERED ROLLER)						
	18	1	110-2665	4	SHAFT-PLANETARY						
	19	1	9P-3801	4	SHAFT						
	20	1	1L-7319	8	CUP-BEARING						
	21	1	1L-7203	8	CONE-BEARING						
	22	1	9W-9134	4	GEAR-PLANETARY (25-TEETH)						
	23	1	3T-3294	1	CARRIER-PLANETARY						
	24	1	8T-9400	35	BOLT (7/8-9X2.5-IN)						
	25	1	8C-6913	35	WASHER-HARD (24X41.5X4-MM THK)						
	26	1	5D-7523	1	SEAL-O-RING						
	27	1	6V-1653	4	SEAL-QUAD RING						
	28	1	3P-8827	4	PLATE						
	29	1	030-8538	8	BOLT (1/2-13X1.25-IN)						
	30	1	9M-5894	1	SEAL-O-RING						
	31	1	3P-8820	1	RING-THRUST						
	32	1	3P-8822	1	COVER						
	33	1	110-2674	1	RING-THRUST						
	34	1	9W-9133	1	GEAR-SUN (22-TEETH)						
	35	1	2S-0613	1	RING-RETAINING						
	36	1	6V-3298	1	PLUG-MAGNETIC (FINAL DRIVE, OIL FILL)						
	37	1	2S-4078	1	SEAL-O-RING						
	38	1	9S-4185	1	PLUG-O-RING (FINAL DRIVE, OIL DRAIN)						
	39	1	3K-0360	1	SEAL-O-RING						
	40	1	5F-7054	1	SEAL-O-RING						
	41	1	9P-3555	1	GEAR-RING (74-TEETH)						
	42	1	9W-9136	1	CARRIER-PLANETARY						
	43	1	6T-6566	1	RING-RETAINING						
	44	1	5P-8944	1	RING-RETAINING						
	45	1	110-2662	1	GEAR-SUN (18-TEETH)						
	46	1	110-2671	1	RETAINER						
	47	1	124-2375	1	SEAL-LIP TYPE						
	48	1	110-2670	1	HOLDER						
	49	1	1D-4640	30	BOLT (1-8X4.25-IN)						
	50	1	5P-8250	30	WASHER (28X49X5-MM THK)						
	51	1	147-0071	1	BEARING-THRUST						
	52	1	5K-7143	16	BOLT-SELF-LOCKING (1/2-13X1.5-IN)						
	53	1	6T-0609	16	PIN						
	54	1	5P-8245	8	WASHER-HARD (13.5X25.5X3-MM THK)						

POWER TRAIN

110-2780 DRIVE GP-FINAL (contd.)

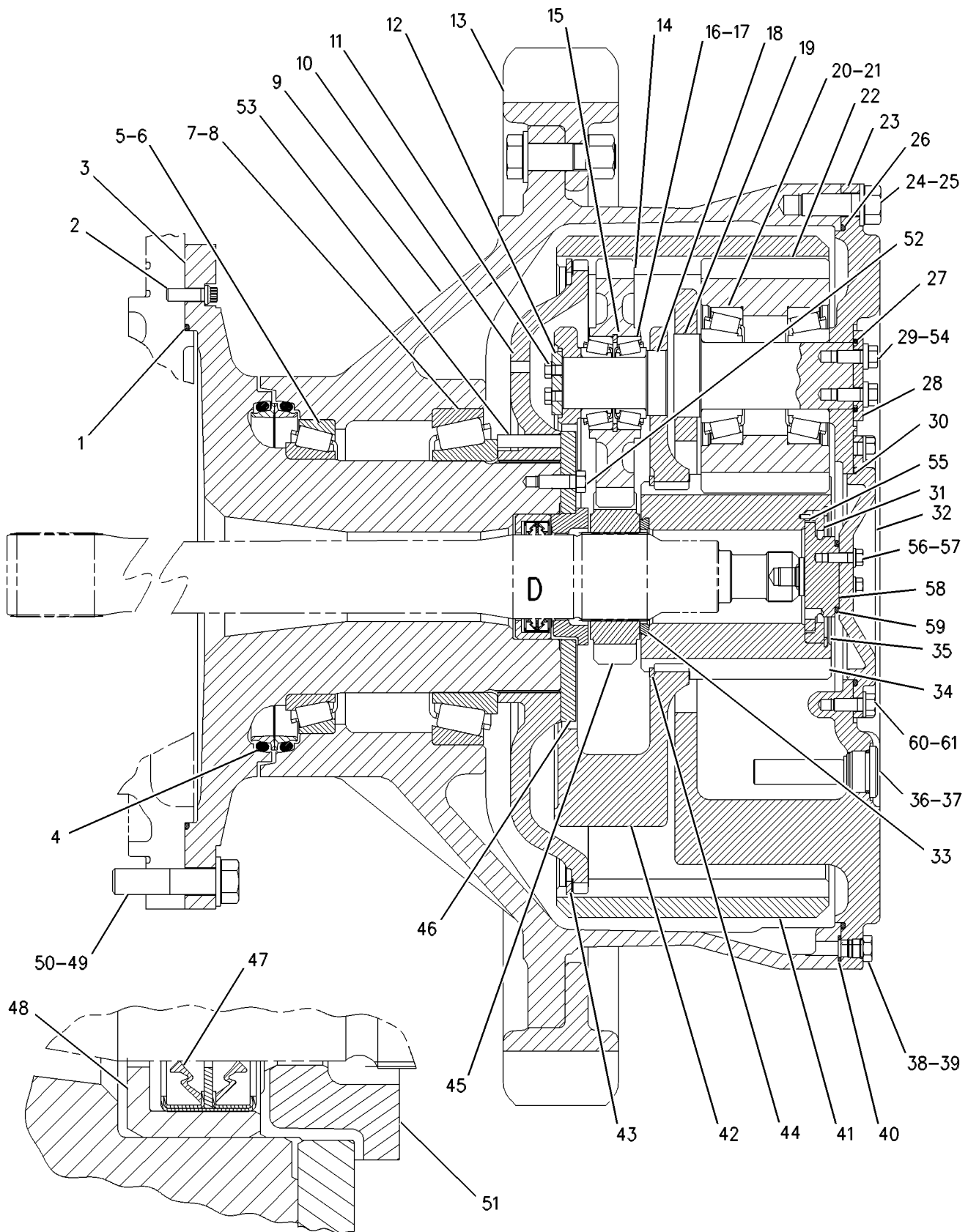
i03374803

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	55	1	7S-4326	1	DOWEL						
	56	1	8T-2502	3	BOLT (3/8-16X1.125-IN)						
	57	1	8T-4896	3	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	58	1	8E-3124	1	RETAINER						
	59	1	6F-8146	1	SEAL-O-RING						
	60	1	8T-8917	4	BOLT (1/2-13X1.25-IN)						
	61	1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)						
C-CHANGE FROM PREVIOUS TYPE											
Y-SEPARATE ILLUSTRATION											

POWER TRAIN

110-2780 DRIVE GP-FINAL (contd.)

i03374803



VIEW OF AREA D

GRAPHIC #1

<END>

g00516326

POWER TRAIN

192-0722 DRIVE GP-FINAL-WASTE HANDLING

S/N: RJG1-UP

PART OF 143-7543 GUARD AR-FINAL DRIVE
AN ATTACHMENT

SMCS-4050

i02034237

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8D-4771	1	SEAL-O-RING						
	2	1	8T-9412	3	BOLT-12 POINT HEAD (1/2-13X1.5-IN)						
	3	1	189-8874	1	SPINDLE AS						
		1	0R-8521	1	HUB-SPROCKET						
					-OR-						
R		1	110-2663	1	HUB-SPINDLE						
		1	189-3064	1	GUARD						
	4	1	130-6889	1	SEAL GP-DUO-CONE						
		1	127-0116	2	RING-TORIC						
	5	1	126-0588	1	CONE-SPECIAL TAPERED						
	6	1	3D-9133	1	CUP-BEARING						
	7	1	6V-8281	1	CUP-BEARING						
	8	1	126-0587	1	CONE-SPECIAL TAPERED						
	9	1	189-8869	1	HUB AS-SPROCKET						
		1	189-3065	1	GUARD						
	10	1	9W-9135	1	HUB-REACTION						
	11	1	5D-0353	8	BOLT-LOCKING (3/8-16X1-IN)						
	12	1	8P-5698	4	PLATE						
Y	13	1	160-4928	1	SEGMENT GP-SPROCKET						608
	14	1	9W-9132	4	GEAR-PLANETARY (27-TEETH)						
	15	1	9P-3657	4	RING-LOCK						
	16	1	1B-3978	8	CUP-BEARING (TAPERED ROLLER)						
	17	1	156-4593	8	CONE-BEARING (TAPERED ROLLER)						
	18	1	110-2665	4	SHAFT-PLANETARY						
	19	1	9P-3801	4	SHAFT						
	20	1	1L-7319	8	CUP-BEARING						
	21	1	1L-7203	8	CONE-BEARING						
	22	1	9W-9134	4	GEAR-PLANETARY (25-TEETH)						
	23	1	3T-3294	1	CARRIER-PLANETARY						
	24	1	8T-9400	35	BOLT (7/8-9X2.5-IN)						
	25	1	8C-6913	35	WASHER-HARD (24X41.5X4-MM THK)						
	26	1	5D-7523	1	SEAL-O-RING						
	27	1	6V-1653	4	SEAL-QUAD RING						
	28	1	3P-8827	4	PLATE						
	29	1	030-8538	8	BOLT (1/2-13X1.25-IN)						
	30	1	9M-5894	1	SEAL-O-RING						
	31	1	3P-8820	1	RING-THRUST						
	32	1	3P-8822	1	COVER						
	33	1	110-2674	1	RING-THRUST						
	34	1	9W-9133	1	GEAR-SUN (22-TEETH)						
	35	1	2S-0613	1	RING-RETAINING						
	36	1	6V-3298	1	PLUG-MAGNETIC (FINAL DRIVE)						
	37	1	2S-4078	1	SEAL-O-RING						
	38	1	9S-4185	1	PLUG-O-RING						
	39	1	3K-0360	1	SEAL-O-RING						
	40	1	5F-7054	1	SEAL-O-RING						
	41	1	9P-3555	1	GEAR-RING (74-TEETH)						
	42	1	9W-9136	1	CARRIER-PLANETARY						
	43	1	6T-6566	1	RING-RETAINING						
	44	1	5P-8944	1	RING-RETAINING						
	45	1	110-2662	1	GEAR-SUN (18-TEETH)						
	46	1	110-2671	1	RETAINER						
	47	1	124-2375	1	SEAL-LIP TYPE						
	48	1	110-2670	1	HOLDER						
	49	1	1D-4640	30	BOLT (1-8X4.25-IN)						

POWER TRAIN

192-0722 DRIVE GP-FINAL (contd.)

i02034237

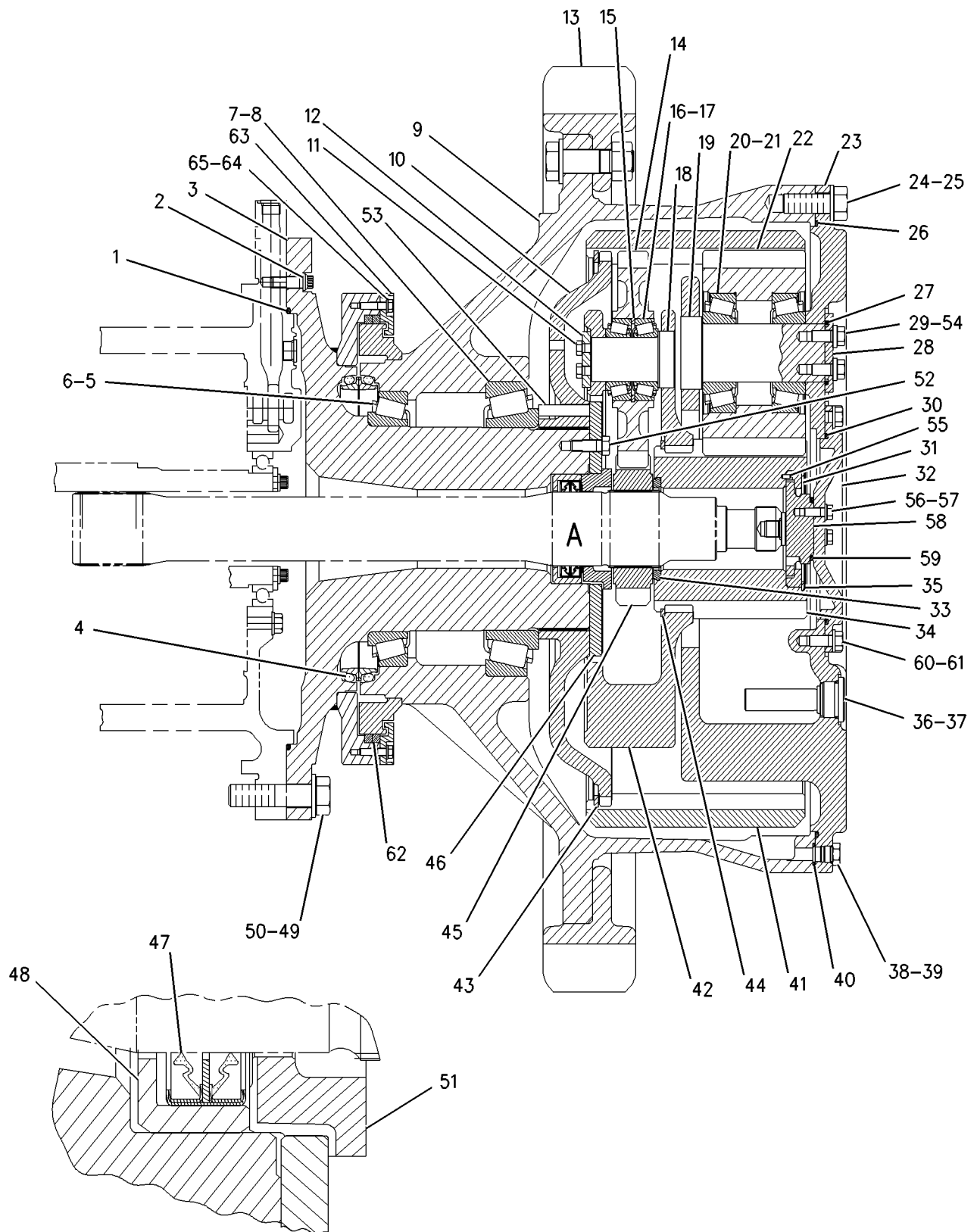
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	50	1	5P-8250	30	WASHER (28X49X5-MM THK)						
	51	1	147-0071	1	BEARING-THRUST						
	52	1	5K-7143	16	BOLT-SELF-LOCKING (1/2-13X1.5-IN)						
	53	1	6T-0609	16	PIN						
	54	1	5P-8245	8	WASHER-HARD (13.5X25.5X3-MM THK)						
	55	1	7S-4326	1	DOWEL						
	56	1	8T-2502	3	BOLT (3/8-16X1.125-IN)						
	57	1	8T-4896	3	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	58	1	8E-3124	1	RETAINER						
	59	1	6F-8146	1	SEAL-O-RING						
	60	1	8T-8917	4	BOLT (1/2-13X1.25-IN)						
	61	1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)						
	62	1	189-6244	2	SEAL						
	63	1	189-3063	2	RETAINER						
	64	1	8C-6561	16	BOLT (5/16-18X1.375-IN)						
	65	1	8T-4224	16	WASHER-HARD (8.8X16X2-MM THK)						

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

POWER TRAIN

192-0722 DRIVE GP-FINAL (contd.)

i02034237



VIEW OF AREA A

GRAPHIC #1

<END>

g00753252

POWER TRAIN

282-4029 DRIVE GP-FINAL

S/N: RJG1-UP

PART OF 285-0160 GUARD AR-FINAL DRIVE
AN ATTACHMENT

SMCS-4050

i02544506

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1B-3978	8	CUP-BEARING (TAPERED ROLLER)						
	2	1	1L-7203	8	CONE-BEARING						
	3	1	1L-7319	8	CUP-BEARING						
	4	1	2S-4078	1	SEAL-O-RING						
	5	2	3D-9133	1	CUP-BEARING						
	6	1	3P-8820	1	RING-THRUST						
	7	1	3P-8822	1	COVER						
	8	1	3P-8827	4	PLATE						
	9	1	3T-3294	1	CARRIER-PLANETARY						
	10	2	4S-5879	1	SEAL-O-RING						
	11	2	6T-0609	16	PIN						
	12	2	6T-6566	1	RING-RETAINING						
	13	1	6V-3298	1	PLUG-MAGNETIC (FINAL DRIVE, OIL FILL)						
	14	2	6V-8281	1	CUP-BEARING						
	15	2	7S-8554	1	SEAL-O-RING						
	16	1	8E-3124	1	RETAINER						
	17	1	8P-5698	4	PLATE						
	18	2	8T-9412	3	BOLT-12 POINT HEAD (1/2-13X1.5-IN)						
	19	2	9P-3555	1	GEAR-RING (74-TEETH)						
	20	1	9P-3657	4	RING-LOCK						
	21	1	9P-3801	4	SHAFT						
	22	1	9W-9132	4	GEAR-PLANETARY (27-TEETH)						
	23	1	9W-9133	1	GEAR-SUN (22-TEETH)						
	24	1	9W-9134	4	GEAR-PLANETARY (25-TEETH)						
	25	2	9W-9135	1	HUB-REACTION						
	26	1	9W-9136	1	CARRIER-PLANETARY						
	27	1	110-2662	1	GEAR-SUN (18-TEETH)						
	28	1	110-2665	4	SHAFT-PLANETARY						
	29	2	110-2670	1	HOLDER						
	30	2	110-2671	1	RETAINER						
	31	1	110-2674	1	RING-THRUST						
	32	2	124-2375	1	SEAL-LIP TYPE						
	33	2	126-0587	1	CONE-SPECIAL TAPERED						
	34	2	126-0588	1	CONE-SPECIAL TAPERED						
	35	2	130-6889	1	SEAL GP-DUO-CONE						
	35A	2	127-0116	2	RING-TORIC						
Z	35B	2		2	SEAL-RING						
	36	2	147-0071	1	BEARING-THRUST						
	37	1	156-4593	8	CONE-BEARING (TAPERED ROLLER)						
Y	38	2	160-4928	1	SEGMENT GP-SPROCKET						608
	39	2	277-5789	1	RING						
	40	2	277-5790	1	RING						
	41	2	282-4027	1	HUB-SUPPORT						
	42	2	282-4028	1	HUB-SPROCKET						
	43	1	030-8538	8	BOLT (1/2-13X1.25-IN)						
	44	2	1D-4640	30	BOLT (1-8X4.25-IN)						
	45	1	2S-0613	1	RING-RETAINING						
	46	1	3K-0360	1	SEAL-O-RING						
	47	1	5D-0353	8	BOLT-LOCKING (3/8-16X1-IN)						
	48	1	5D-7523	1	SEAL-O-RING						
	49	2	5F-7054	1	SEAL-O-RING						
	50	2	5K-7143	16	BOLT-SELF-LOCKING (1/2-13X1.5-IN)						
	51	1	5P-8245	8	WASHER-HARD (13.5X25.5X3-MM THK)						
	52	2	5P-8250	30	WASHER (28X49X5-MM THK)						
	53	1	5P-8944	1	RING-RETAINING						

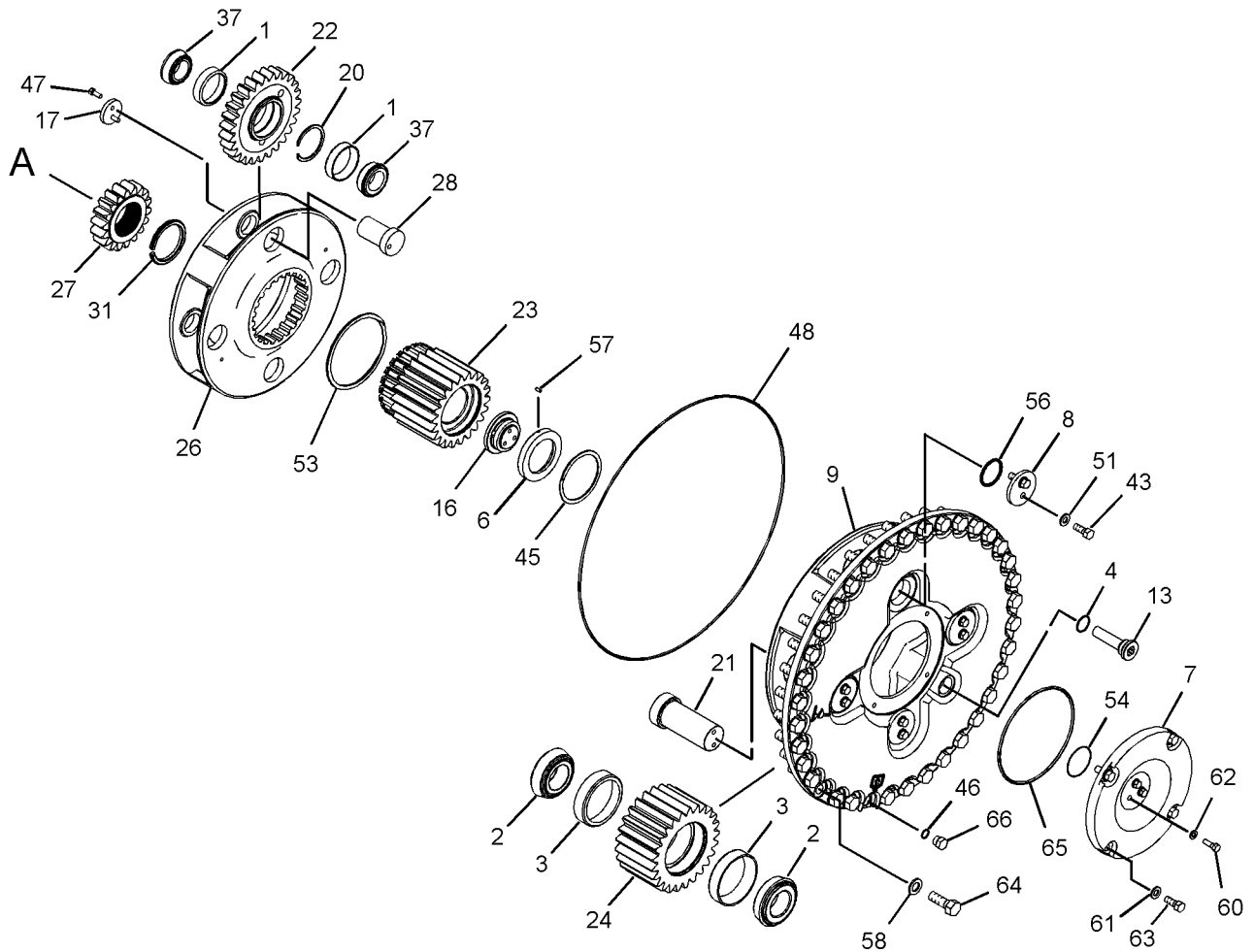
POWER TRAIN

282-4029 DRIVE GP-FINAL (contd.)

i02544506

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	54	1	6F-8146	1	SEAL-O-RING	
	55	2	6L-5897	16	BOLT (1/4-20X0.875-IN)	
	56	1	6V-1653	4	SEAL-QUAD RING	
	57	1	7S-4326	1	DOWEL	
	58	1	8C-6913	35	WASHER-HARD (24X41.5X4-MM THK)	
	59	2	8D-4771	1	SEAL-O-RING	
	60	1	8T-2502	3	BOLT (3/8-16X1.125-IN)	
	61	1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)	
	62	1	8T-4896	3	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	63	1	8T-8917	4	BOLT (1/2-13X1.25-IN)	
	64	1	8T-9400	35	BOLT (7/8-9X2.5-IN)	
	65	1	9M-5894	1	SEAL-O-RING	
	66	1	9S-4185	1	PLUG-O-RING (FINAL DRIVE, OIL DRAIN)	

Y-SEPARATE ILLUSTRATION
Z-NOT SERVICED SEPARATELY



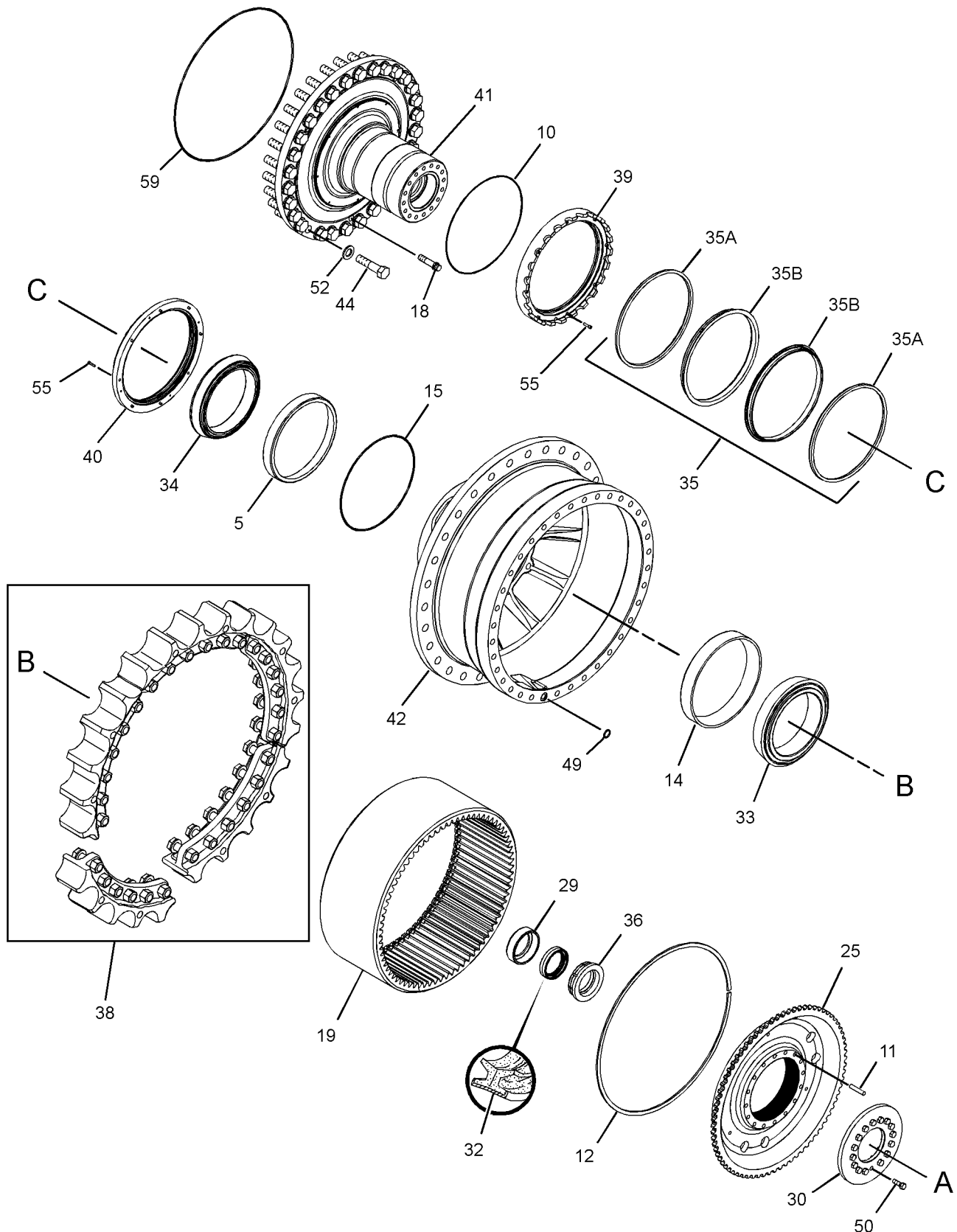
GRAPHIC #1

g01280393

POWER TRAIN

282-4029 DRIVE GP-FINAL (contd.)

i02544506



GRAPHIC #2

<END>

g01280394

POWER TRAIN

245-6555 FILTER GP-OIL-TMSN, TORQUE CONVERTER CHARGE

S/N: RJG1-1880

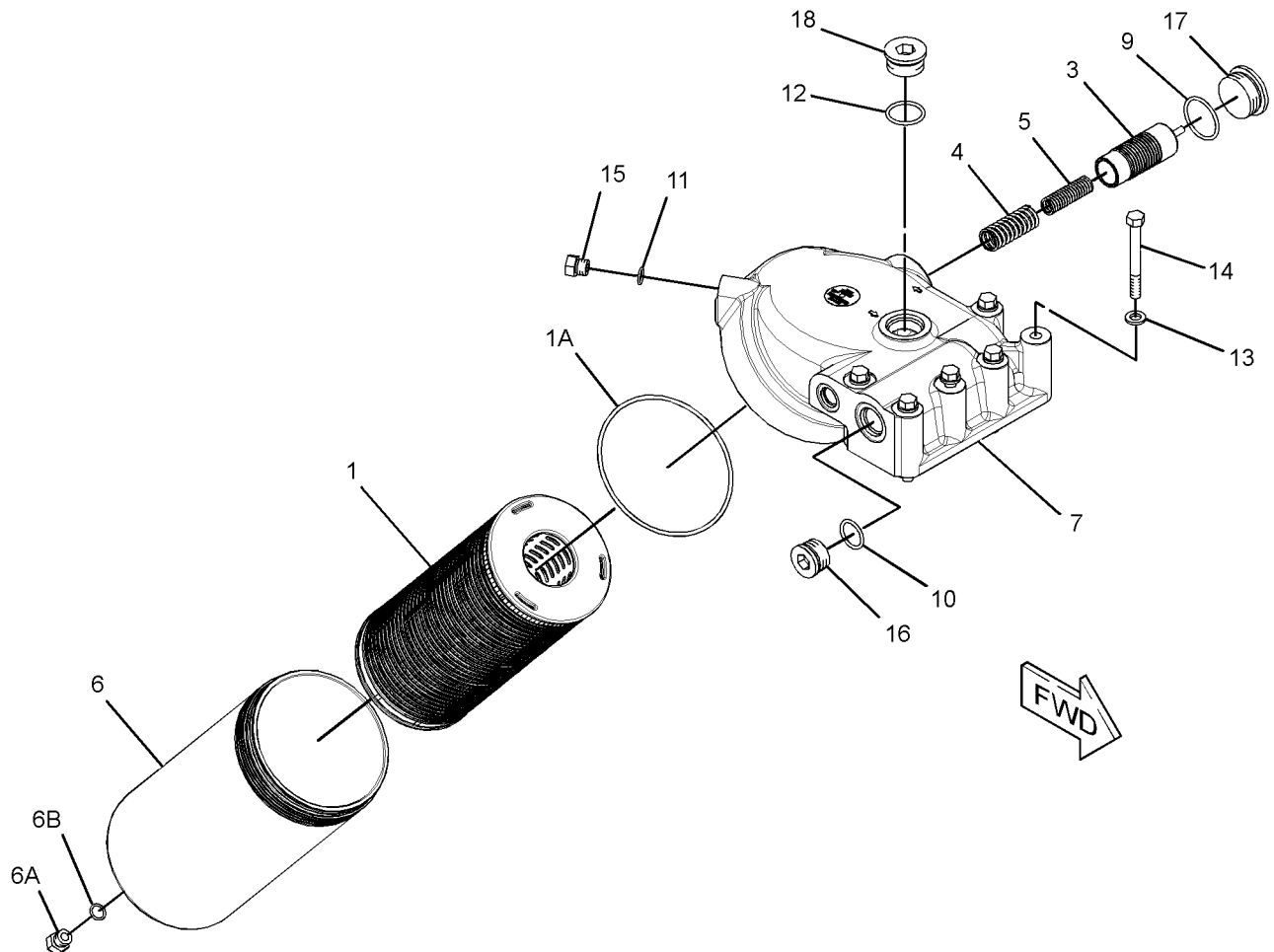
WITH HOUSING

PART OF 213-5172 LINES GP-POWER TRAIN OIL

SMCS-3004, 3067

i03536289

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1R-1809	1	FILTER ELEMENT-OIL (ULTRA HIGH EFFICIENCY)						
	1A	1	130-0229	1	SEAL-O-RING						
	3	1	7G-4998	1	SPOOL-BYPASS						
	4	1	7M-1297	1	SPRING						
	5	1	133-2198	1	SPRING						
	6	1	321-5967	1	HOUSING GP-FILTER						
	6A	1	9S-8004	1	PLUG-O-RING						
	6B	1	3J-1907	1	SEAL-O-RING						
	7	1	245-6520	1	BASE AS						
	9	1	2S-4078	1	SEAL-O-RING						
	10	1	3D-2824	1	SEAL-O-RING						
	11	1	3J-1907	1	SEAL-O-RING						
	12	1	7M-8485	1	SEAL-O-RING						
	13	1	8T-4896	6	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	14	1	8T-8915	6	BOLT (3/8-16X3.25-IN)						
	15	1	9S-4191	1	PLUG-O-RING						
	16	1	9S-8008	1	PLUG-O-RING						
	17	1	9S-8010	1	PLUG						
	18	1	9S-9334	1	PLUG-O-RING						



GRAPHIC #1

<END>

g01456460

POWER TRAIN

334-0572 FILTER GP-OIL-TMSN, TORQUE CONVERTER CHARGE

S/N: RJG1881-UP

WITH HOUSING

PART OF 213-5172 LINES GP-POWER TRAIN OIL

SMCS-3004, 3067

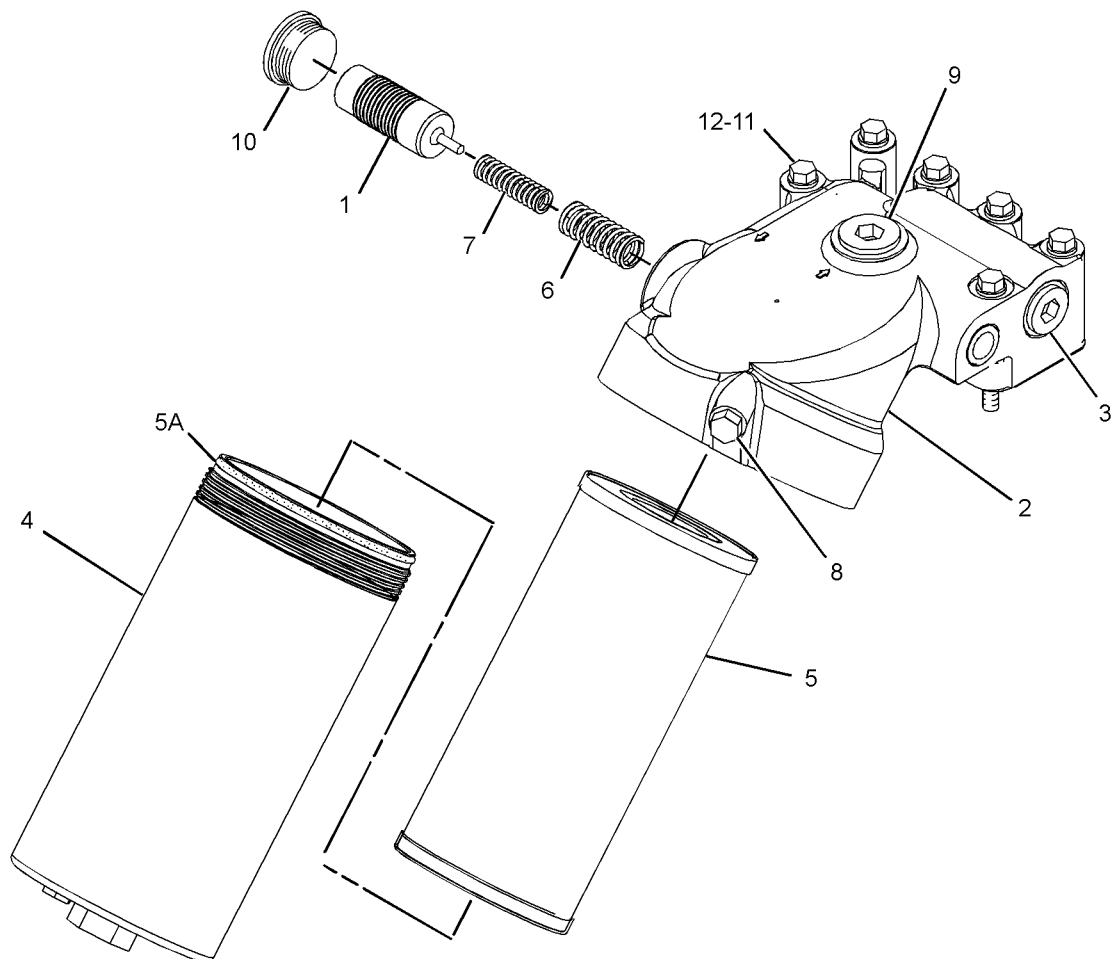
i03536292

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7G-4998	1	SPOOL-BYPASS						
	2	1	245-6520	1	BASE AS						
	3	1	315-9859	1	PLUG AS						
		1	9S-8008	1	PLUG-O-RING						
		1	238-5082	1	SEAL-O-RING						
	4	1	321-5967	1	HOUSING GP-FILTER						
	5	1	328-3655	1	FILTER ELEMENT AS-OIL (ULTRA HIGH EFFICIENCY)						
	5A	1	130-0229	1	SEAL-O-RING						
	6	1	334-2679	1	SPRING						
	7	1	334-2680	1	SPRING						
	8	1	244-3712	1	PLUG AS						
		1	9S-4191	1	PLUG-O-RING						
		1	214-7568	1	SEAL-O-RING						
	9	1	319-6234	1	PLUG AS						
		1	9S-9334	1	PLUG-O-RING						
		1	238-5084	1	SEAL-O-RING						
	10	1	329-5455	1	PLUG AS						
		1	9S-8010	1	PLUG						
		1	228-7096	1	SEAL-O-RING						
	11	1	8T-4896	6	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	12	1	8T-8915	6	BOLT (3/8-16X3.25-IN)						

POWER TRAIN

334-0572 FILTER GP-OIL (contd.)

i03536292



GRAPHIC #1

<END>

g01821813

POWER TRAIN

213-5173 GEAR GP-BEVEL & TRANSFER

S/N: DRL1-UP

PART OF 213-5171 TRANSMISSION AR

SMCS-3011

i02050074

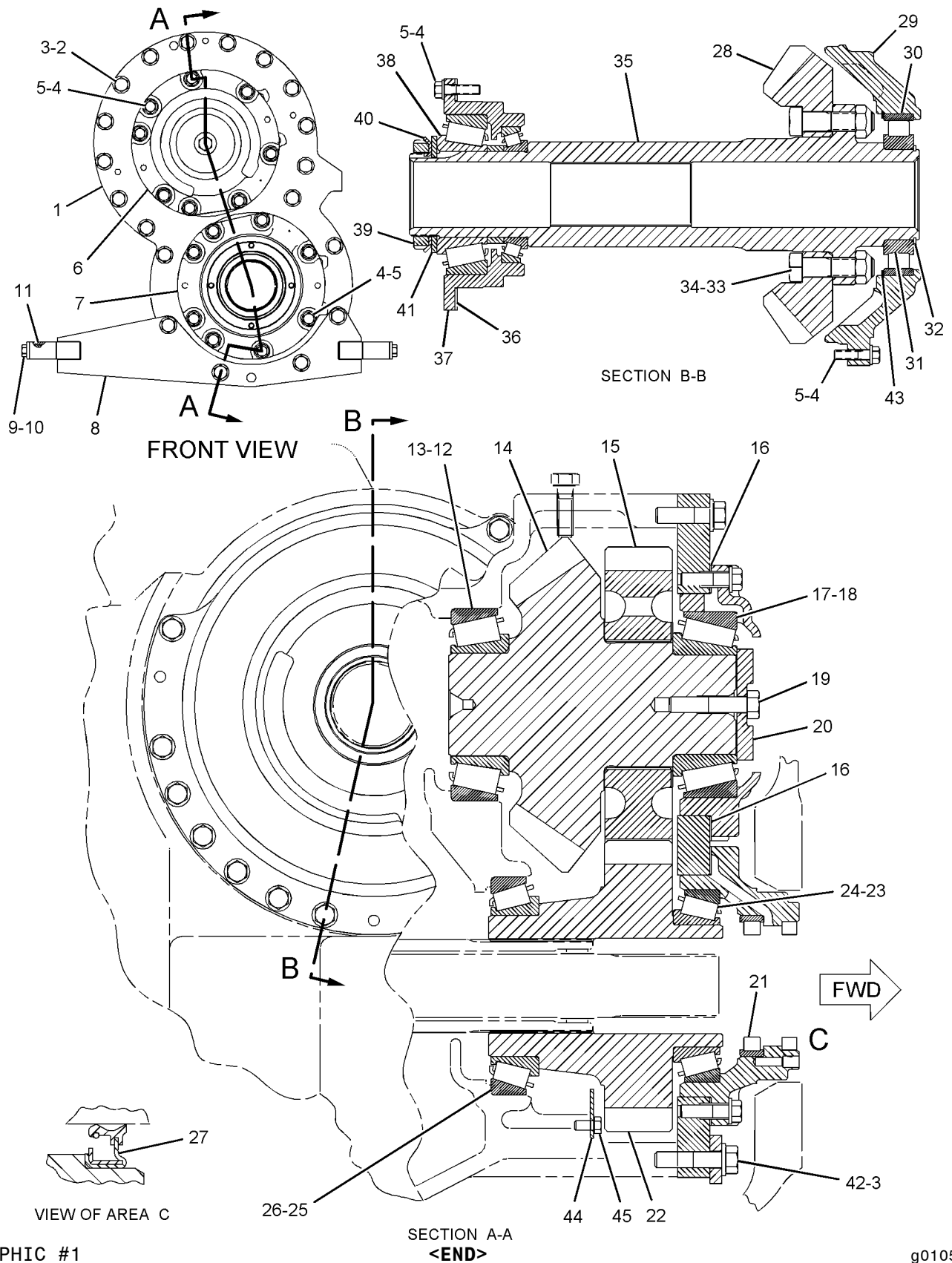
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	112-1289	1	PLATE AS	
		1	4B-9785	2	BALL	
	2	1	9X-8881	15	BOLT (5/8-11X2.25-IN)	
	3	1	5P-8247	19	WASHER-HARD (17X32X3.5-MM THK)	
	4	1	5P-4143	41	BOLT-LOCKING (1/2-13X2-IN)	
	5	1	5P-8245	41	WASHER-HARD (13.5X25.5X3-MM THK)	
	6	1	110-9302	1	CAGE-BEARING	
	7	1	110-9303	1	CAGE-BEARING	
	8	1	110-9309	1	BRACKET AS	
	9	1	9X-8874	2	BOLT (1/2-13X3-IN)	
	10	1	7D-1649	2	WASHER-HARD (13.5X32X5-MM THK)	
	11	1	9G-3464	2	BUSHING-TERMINAL	
	12	1	6V-0458	1	CUP-BEARING	
	13	1	6V-0457	1	CONE-BEARING	
	14	1	110-9301	1	PINION-BEVEL (23-TEETH)	
	15	1	213-5175	1	GEAR-TRANSFER (36-TEETH)	
B	16	1	7G-2325	4	SHIM PACK (INCLUDES 14-SHIMS)	
	17	1	5K-3931	1	CUP-BEARING	
	18	1	5K-3932	1	CONE-BEARING	
	19	1	032-0676	1	BOLT-LOCKING (5/8-11X3-IN)	
	20	1	114-0325	1	RETAINER	
	21	1	5D-6659	1	RACE & ROLLER AS	
	22	1	213-5174	1	GEAR-TRANSFER (33-TEETH)	
	23	1	6Y-2546	1	CONE-BEARING	
	24	1	6Y-2547	1	CUP-BEARING	
	25	1	1M-6573	1	CUP-BEARING (TAPERED ROLLER)	
	26	1	9M-2744	1	CONE-BEARING (TAPERED ROLLER)	
	27	1	216-0273	1	SEAL-LIP TYPE	
	28	1	110-9306	1	GEAR-BEVEL (29-TEETH)	
	29	1	110-9307	1	CAGE-BEARING	
	30	1	9W-4163	1	RACE-ROLLER BEARING	
	31	1	9W-4162	1	BEARING	
	32	1	5P-1981	1	RING-RETAINING	
	33	1	9S-1367	10	BOLT (1-14X3.75-IN)	
	34	1	2K-7471	10	LOCKNUT (1-14-THD)	
	35	1	110-9305	1	SHAFT-BEVEL GEAR	
B	36	1	3T-4391	2	SHIM PACK (INCLUDES 18-SHIMS)	
	37	1	110-9304	1	CAGE-BEARING	
	38	1	112-7317	1	BEARING AS	
	39	1	121-9871	1	NUT-BEARING	
	40	1	122-4575	1	LOCKWASHER-BEARING	
	41	1	122-0333	1	WASHER (112X155X7.14-MM THK)	
	42	1	9X-8883	4	BOLT (5/8-11X2.75-IN)	
	43	1	1S-8385	1	RING-RETAINING	
	44	1	172-3467	1	PLATE	
	45	1	5K-9107	4	BOLT-LOCKING (3/8-16X0.75-IN)	

B-USE AS REQUIRED

POWER TRAIN

213-5173 GEAR GP-BEVEL & TRANSFER (contd.)

i02050074



g01054330

POWER TRAIN

213-5172 LINES GP-POWER TRAIN OIL

S/N: RJG1-1880

PART OF 212-2746 POWER TRAIN AR
TYPE 1

SMCS-3016

i03536307

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3T-4014	4	CLAMP						
	3	2	5K-9238	1	CONNECTOR						
	4	1	6N-2985	1	CAP AS-FILLER (POWER TRAIN OIL)						
	5	1	6V-0852	1	CAP-DUST						
	6	2	6V-8001	1	SEAL-O-RING						
	7	1	7C-8246	1	SPACER (10.5X20X24-MM THK)						
	8	1	8C-3447	1	CAP-DUST						
I	9	1	8W-2644	1	HOSE AS						
	10	1	9G-5127	1	BREATHER (TRANSMISSION)						
	11	1	9M-5732	1	RIVET-POP						
	12	1	9P-9555	1	SCREEN AS-SUCTION (POWER TRAIN OIL SUMP)						
	13	2	131-0136	1	TUBE AS						
	14	1	162-5709	1	TEE AS						
		1	109-6511	1	TEE-O-RING						
		1	7M-8485	1	SEAL-O-RING						
		1	6V-9746	1	SEAL-O-RING						
	15	1	176-9966	1	COVER-TOP						
Y	16	1	201-8389	1	PUMP GP-GEAR (POWER TRAIN OIL)						604
	17	1	216-2600	1	TUBE AS						
	18	1	216-2603	1	TUBE AS						
	19	2	216-4349	1	SLEEVE						
Y	20	1	217-5393	1	VALVE GP-RELIEF (TORQUE CONVERTER OUTLET)						621
	21	1	219-9654	1	CONNECTOR AS						
		1	109-3657	1	CONNECTOR						
		1	6K-6307	1	SEAL-O-RING						
		1	6V-8400	1	SEAL-O-RING						
	22	1	221-1831	1	HOUSING						
	23	1	221-1832	1	TUBE AS						
	24	1	221-1833	1	TUBE AS						
	25	1	221-1834	1	GAUGE AS-OIL LEVEL (DIPSTICK) (POWER TRAIN)						
	26	1	221-1835	1	TUBE AS						
	27	1	221-1836	1	TUBE AS						
	28	1	221-1839	1	TUBE AS						
I	29	1	221-1840	1	HOSE AS						
I	30	1	221-1841	1	HOSE AS						
I	31	1	221-1842	1	HOSE AS						
I	32	1	221-1843	1	HOSE AS						
	33	1	229-5682	1	MANIFOLD						
	34	1	229-5683	1	MANIFOLD						
	35	2	231-2188	1	ADAPTER						
Y	36	1	232-3374	1	VALVE GP-RELIEF (LUBRICATION DISTRIBUTION)						623
Y	37	1	245-6555	1	FILTER GP-OIL (TRANSMISSION CHARGING)						567
Y	37A	1	245-6555	1	FILTER GP-OIL (TORQUE CONVERTER CHARGING)						567
	38	2	061-8561	4	SEAL-O-RING						
	39	2	061-9455	3	SEAL-O-RING						
	40	1	109-0076	2	SEAL-O-RING						
	41	2	112-1574	2	SEAL-O-RING						
	42	1	148-8305	1	ADAPTER AS						
		1	5P-9617	1	ADAPTER						
		1	3J-1907	1	SEAL-O-RING						
	43	1	148-8313	1	ADAPTER AS						
		1	5P-6944	1	ADAPTER						
		1	3K-0360	1	SEAL-O-RING						
	44	1	148-8325	1	CONNECTOR AS						
		1	6V-8641	1	CONNECTOR						

POWER TRAIN

213-5172 LINES GP-POWER TRAIN OIL (contd.)

i03536307

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	3J-1907	1	SEAL-O-RING						
		1	4J-5477	1	SEAL-O-RING						
	45	1	148-8327	1	CONNECTOR AS						
		1	6V-8637	1	CONNECTOR						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-9746	1	SEAL-O-RING						
	46	1	153-6235	1	ELBOW AS						
		1	3E-7433	1	ELBOW						
		1	6K-6307	1	SEAL-O-RING						
		1	6V-8400	1	SEAL-O-RING						
	47	2	164-4180	1	PLUG AS						
		2	9S-4181	1	PLUG-O-RING						
		2	7M-8485	1	SEAL-O-RING						
	48	1	164-5567	1	COUPLER AS-QUICK DISCONNECT						
		1	6V-3965	1	FITTING (QUICK DISCONNECT)						
		1	3J-1907	1	SEAL-O-RING						
	49	1	164-5590	1	VALVE AS-FLUID SAMPLING						
		1	8C-3446	1	VALVE-FLUID SAMPLING						
		1	3J-7354	1	SEAL-O-RING						
	50	2	1J-8668	2	STUD-TAPERLOCK (3/8-16X1.97-IN)						
	51	1	1P-3708	1	SEAL-RECTANGULAR						
	52	1	1P-3709	1	SEAL-RECTANGULAR						
	53	2	1P-4576	2	FLANGE-HALF						
	54	1	1P-4577	2	FLANGE-HALF						
	55	1	1P-4578	2	FLANGE-HALF						
	56	1, 2	1P-4579	4	FLANGE-HALF						
	57	1, 2	1P-4582	8	FLANGE-HALF						
	58	2	1P-5763	2	FLANGE-HALF						
	59	1	1S-0996	1	CLIP						
	60	1	4B-4274	1	WASHER (5.5X13X1.2-MM THK)						
	61	1	4J-0520	1	SEAL-O-RING						
	62	1	4J-0522	2	SEAL-O-RING						
	63	1	4J-0527	2	SEAL-O-RING						
	64	1	4J-5267	1	SEAL-O-RING						
	65	1	4J-5477	1	SEAL-O-RING						
	66	1	4L-9337	4	BOLT (3/8-16X1.5-IN)						
	67	1	9M-8406	1	CLIP						
	68	2	5D-5957	2	SEAL-O-RING						
	69	1	5H-7153	2	SEAL-O-RING						
	70	1	5K-1770	1	SEAL-O-RING						
	71	2	5P-0840	1	SEAL-O-RING						
	72	1	5P-1075	4	WASHER-HARD (10.2X22.5X3-MM THK)						
	73	1, 2	5P-2566	14	BOLT (1/2-13X1.5-IN)						
	74	2	5P-4889	1	SEAL-O-RING						
	75	1	5P-7468	1	CLIP (SLOT)						
	76	1	5P-7469	1	CLIP (TAB)						
	77	2	5S-7382	4	BOLT (3/8-16X1.375-IN)						
	78	1	6F-8146	1	SEAL-O-RING						
	79	1	6L-1651	4	SEAL-O-RING						
	80	1	6V-1904	1	SEAL-O-RING						
	81	1	6V-5134	1	SEAL-O-RING						
	82	2	6V-5656	1	SEAL-O-RING						
	83	2	6V-8801	2	NUT (3/8-16-THD)						
	84	1	7D-4069	2	CLAMP						
	85	1	7X-0290	3	BOLT (3/8-16X3.5-IN)						
	86	1	7X-0308	8	BOLT (7/16-14X1.375-IN)						
	87	1	7X-0326	2	BOLT (1/2-13X3-IN)						
	88	1	8T-9391	4	BOLT (1/2-13X3.75-IN)						
	89	1	8C-5230	1	SEAL-O-RING						

POWER TRAIN

213-5172 LINES GP-POWER TRAIN OIL (contd.)

i03536307

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	90	1	8M-4390	2	SEAL-O-RING						
	91	1	8M-4443	1	SEAL-O-RING						
	92	1	8M-5661	2	SEAL-O-RING						
	93	1	8M-8157	1	SEAL-O-RING						
	94	1	8T-2501	2	BOLT (3/8-16X2-IN)						
	95	1	8T-4121	7	WASHER-HARD (11X21X2.5-MM THK)						
M	96	1	8T-4133	3	NUT (M10X1.5-THD)						
M	97	1	8T-4195	3	BOLT (M10X1.5X30-MM)						
	98	1,2	8T-4223	42	WASHER-HARD (13.5X25.5X3-MM THK)						
	99	2	8T-4835	4	BOLT (1/2-13X2-IN)						
	100	1,2	8T-4896	21	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	101	1	8T-5360	8	WASHER (12X22.5X2.5-MM THK)						
M	102	1	8T-6466	1	BOLT (M10X1.5X60-MM)						
	103	1	8T-6776	1	ADAPTER						
	104	2	8T-8915	2	BOLT (3/8-16X3.25-IN)						
	105	2	8T-8917	2	BOLT (1/2-13X1.25-IN)						
	106	1,2	8T-8919	16	BOLT (1/2-13X1.75-IN)						
	107	2	8T-9377	4	BOLT (3/8-16X2.25-IN)						
	108	1	9B-7237	4	BOLT (3/8-16X1.25-IN)						
	109	2	9M-7539	1	SEAL-O-RING						
	110	1	193-3973	2	STRAP-CABLE						
	111	1	200-6345	1	MOUNT (DUAL SWIVEL)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM

M-METRIC PART

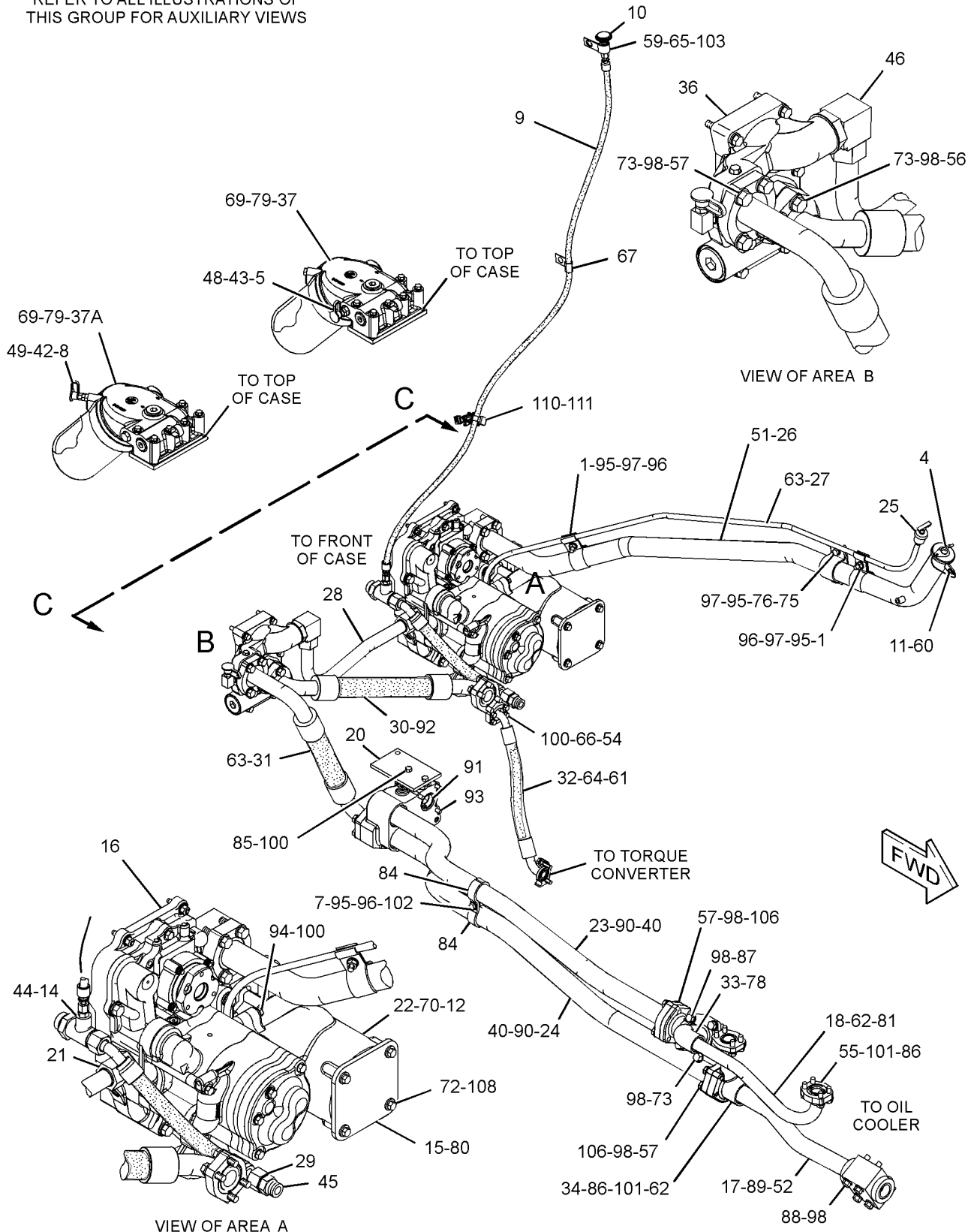
Y-SEPARATE ILLUSTRATION

POWER TRAIN

213-5172 LINES GP-POWER TRAIN OIL (contd.)

i03536307

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



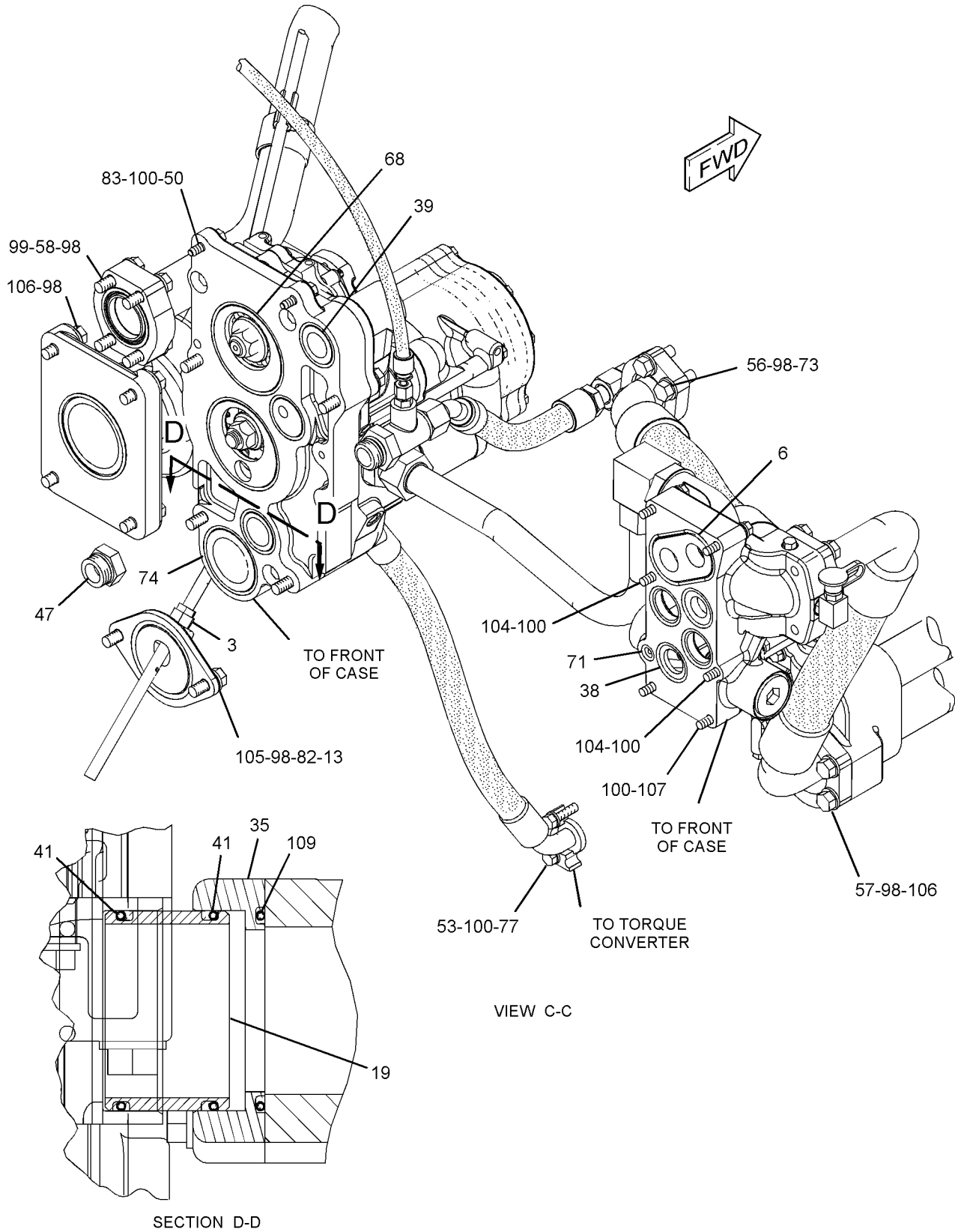
GRAPHIC #1

g01864353

POWER TRAIN

213-5172 LINES GP-POWER TRAIN OIL (contd.)

i03536307



GRAPHIC #2

<END>

g01194517

POWER TRAIN

213-5172 LINES GP-POWER TRAIN OIL

S/N: RJG1-1880

PART OF 212-2746 POWER TRAIN AR
TYPE 2

SMCS-3016

i03536308

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3T-4014	4	CLAMP						
	3	2	5K-9238	1	CONNECTOR						
	4	1	6N-2985	1	CAP AS-FILLER (POWER TRAIN OIL)						
	5	1	6V-0852	1	CAP-DUST						
	6	2	6V-8001	1	SEAL-O-RING						
	7	1	7C-8246	1	SPACER (10.5X20X24-MM THK)						
	8	1	8C-3447	1	CAP-DUST						
I	9	1	8W-2644	1	HOSE AS						
	10	1	9G-5127	1	BREATHER (TRANSMISSION)						
	11	1	9M-5732	1	RIVET-POP						
	12	2	9P-9555	1	SCREEN AS-SUCTION (POWER TRAIN OIL SUMP)						
	13	2	131-0136	1	TUBE AS						
	14	2	162-5709	1	TEE AS						
		2	109-6511	1	TEE-O-RING						
		2	7M-8485	1	SEAL-O-RING						
		2	6V-9746	1	SEAL-O-RING						
	15	2	176-9966	1	COVER-TOP						
Y	16	2	201-8389	1	PUMP GP-GEAR (POWER TRAIN OIL)						604
	17	1	216-2600	1	TUBE AS						
	18	1	216-2603	1	TUBE AS						
	19	2	216-4349	1	SLEEVE						
Y	20	1	217-5393	1	VALVE GP-RELIEF (TORQUE CONVERTER OUTLET)						621
	21	2	219-9654	1	CONNECTOR AS						
		2	109-3657	1	CONNECTOR						
		2	6K-6307	1	SEAL-O-RING						
		2	6V-8400	1	SEAL-O-RING						
	22	2	221-1831	1	HOUSING						
	23	1	221-1832	1	TUBE AS						
	24	1	221-1833	1	TUBE AS						
	25	1	221-1834	1	GAUGE AS-OIL LEVEL (DIPSTICK) (POWER TRAIN)						
	26	1	221-1835	1	TUBE AS						
	27	1	221-1836	1	TUBE AS						
	28	1	221-1839	1	TUBE AS						
I	29	2	221-1840	1	HOSE AS						
I	30	1	221-1841	1	HOSE AS						
I	31	1	221-1842	1	HOSE AS						
I	32	1	221-1843	1	HOSE AS						
	33	1	229-5682	1	MANIFOLD						
	34	1	229-5683	1	MANIFOLD						
	35	2	231-2188	1	ADAPTER						
Y	36	2	232-3374	1	VALVE GP-RELIEF (LUBRICATION DISTRIBUTION)						623
Y	37	1	245-6555	1	FILTER GP-OIL (TRANSMISSION CHARGING)						567
Y	37A	1	245-6555	1	FILTER GP-OIL (TORQUE CONVERTER CHARGING)						567
	38	2	061-8561	4	SEAL-O-RING						
	39	2	061-9455	3	SEAL-O-RING						
	40	1	109-0076	2	SEAL-O-RING						
	41	2	112-1574	2	SEAL-O-RING						
	42	1	148-8305	1	ADAPTER AS						
		1	5P-9617	1	ADAPTER						
		1	3J-1907	1	SEAL-O-RING						
	43	1	148-8313	1	ADAPTER AS						
		1	5P-6944	1	ADAPTER						
		1	3K-0360	1	SEAL-O-RING						
	44	2	148-8325	1	CONNECTOR AS						
		2	6V-8641	1	CONNECTOR						

POWER TRAIN

213-5172 LINES GP-POWER TRAIN OIL (contd.)

i03536308

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	3J-1907	1	SEAL-O-RING						
		2	4J-5477	1	SEAL-O-RING						
	45	2	148-8327	1	CONNECTOR AS						
		2	6V-8637	1	CONNECTOR						
		2	3D-2824	1	SEAL-O-RING						
		2	6V-9746	1	SEAL-O-RING						
	46	2	153-6235	1	ELBOW AS						
		2	3E-7433	1	ELBOW						
		2	6K-6307	1	SEAL-O-RING						
		2	6V-8400	1	SEAL-O-RING						
	47	2	164-4180	1	PLUG AS						
		2	9S-4181	1	PLUG-O-RING						
		2	7M-8485	1	SEAL-O-RING						
	48	1	164-5567	1	COUPLER AS-QUICK DISCONNECT						
		1	6V-3965	1	FITTING (QUICK DISCONNECT)						
		1	3J-1907	1	SEAL-O-RING						
	49	1	164-5590	1	VALVE AS-FLUID SAMPLING						
		1	8C-3446	1	VALVE-FLUID SAMPLING						
		1	3J-7354	1	SEAL-O-RING						
	50	2	1J-8668	2	STUD-TAPERLOCK (3/8-16X1.97-IN)						
	51	1	1P-3708	1	SEAL-RECTANGULAR						
	52	1	1P-3709	1	SEAL-RECTANGULAR						
	53	2	1P-4576	2	FLANGE-HALF						
	54	1	1P-4577	2	FLANGE-HALF						
	55	1	1P-4578	2	FLANGE-HALF						
	56	1, 2	1P-4579	4	FLANGE-HALF						
	57	1, 2	1P-4582	8	FLANGE-HALF						
	58	2	1P-5763	2	FLANGE-HALF						
	59	1	1S-0996	1	CLIP						
	60	1	4B-4274	1	WASHER (5.5X13X1.2-MM THK)						
	61	1	4J-0520	1	SEAL-O-RING						
	62	1	4J-0522	2	SEAL-O-RING						
	63	1	4J-0527	2	SEAL-O-RING						
	64	1	4J-5267	1	SEAL-O-RING						
	65	1	4J-5477	1	SEAL-O-RING						
	66	1	4L-9337	4	BOLT (3/8-16X1.5-IN)						
	67	1	9M-8406	1	CLIP						
	68	2	5D-5957	2	SEAL-O-RING						
	69	1	5H-7153	2	SEAL-O-RING						
	70	2	5K-1770	1	SEAL-O-RING						
	71	2	5P-0840	1	SEAL-O-RING						
	72	2	5P-1075	4	WASHER-HARD (10.2X22.5X3-MM THK)						
	73	1, 2	5P-2566	14	BOLT (1/2-13X1.5-IN)						
	74	2	5P-4889	1	SEAL-O-RING						
	75	1	5P-7468	1	CLIP (SLOT)						
	76	1	5P-7469	1	CLIP (TAB)						
	77	2	5S-7382	4	BOLT (3/8-16X1.375-IN)						
	78	1	6F-8146	1	SEAL-O-RING						
	79	1	6L-1651	4	SEAL-O-RING						
	80	2	6V-1904	1	SEAL-O-RING						
	81	1	6V-5134	1	SEAL-O-RING						
	82	2	6V-5656	1	SEAL-O-RING						
	83	2	6V-8801	2	NUT (3/8-16-THD)						
	84	1	7D-4069	2	CLAMP						
	85	1	7X-0290	3	BOLT (3/8-16X3.5-IN)						
C	86	1	7X-0308	4	BOLT (7/16-14X1.375-IN)						
	87	1	7X-0326	2	BOLT (1/2-13X3-IN)						
	88	1	8T-9391	4	BOLT (1/2-13X3.75-IN)						
	89	1	8C-5230	1	SEAL-O-RING						

POWER TRAIN

213-5172 LINES GP-POWER TRAIN OIL (contd.)

i03536308

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	90	1	8M-4390	2	SEAL-O-RING						
	91	1	8M-4443	1	SEAL-O-RING						
	92	1	8M-5661	2	SEAL-O-RING						
	93	1	8M-8157	1	SEAL-O-RING						
	94	2	8T-2501	2	BOLT (3/8-16X2-IN)						
	95	1	8T-4121	7	WASHER-HARD (11X21X2.5-MM THK)						
M	96	1	8T-4133	3	NUT (M10X1.5-THD)						
M	97	1	8T-4195	3	BOLT (M10X1.5X30-MM)						
	98	1,2	8T-4223	42	WASHER-HARD (13.5X25.5X3-MM THK)						
	99	2	8T-4835	4	BOLT (1/2-13X2-IN)						
	100	1,2	8T-4896	21	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	101	1	8T-5360	8	WASHER (12X22.5X2.5-MM THK)						
M	102	1	8T-6466	1	BOLT (M10X1.5X60-MM)						
	103	1	8T-6776	1	ADAPTER						
	104	2	8T-8915	2	BOLT (3/8-16X3.25-IN)						
	105	2	8T-8917	2	BOLT (1/2-13X1.25-IN)						
	106	1,2	8T-8919	16	BOLT (1/2-13X1.75-IN)						
	107	2	8T-9377	4	BOLT (3/8-16X2.25-IN)						
	108	2	9B-7237	4	BOLT (3/8-16X1.25-IN)						
	109	2	9M-7539	1	SEAL-O-RING						
	110	1	193-3973	2	STRAP-CABLE						
	111	1	200-6345	1	MOUNT (DUAL SWIVEL)						
C	112	1	299-3435	4	BOLT (7/16-14X1.5-IN)						
C	113	1	7X-0507	4	WASHER-HARD (12X22.5X5-MM THK)						

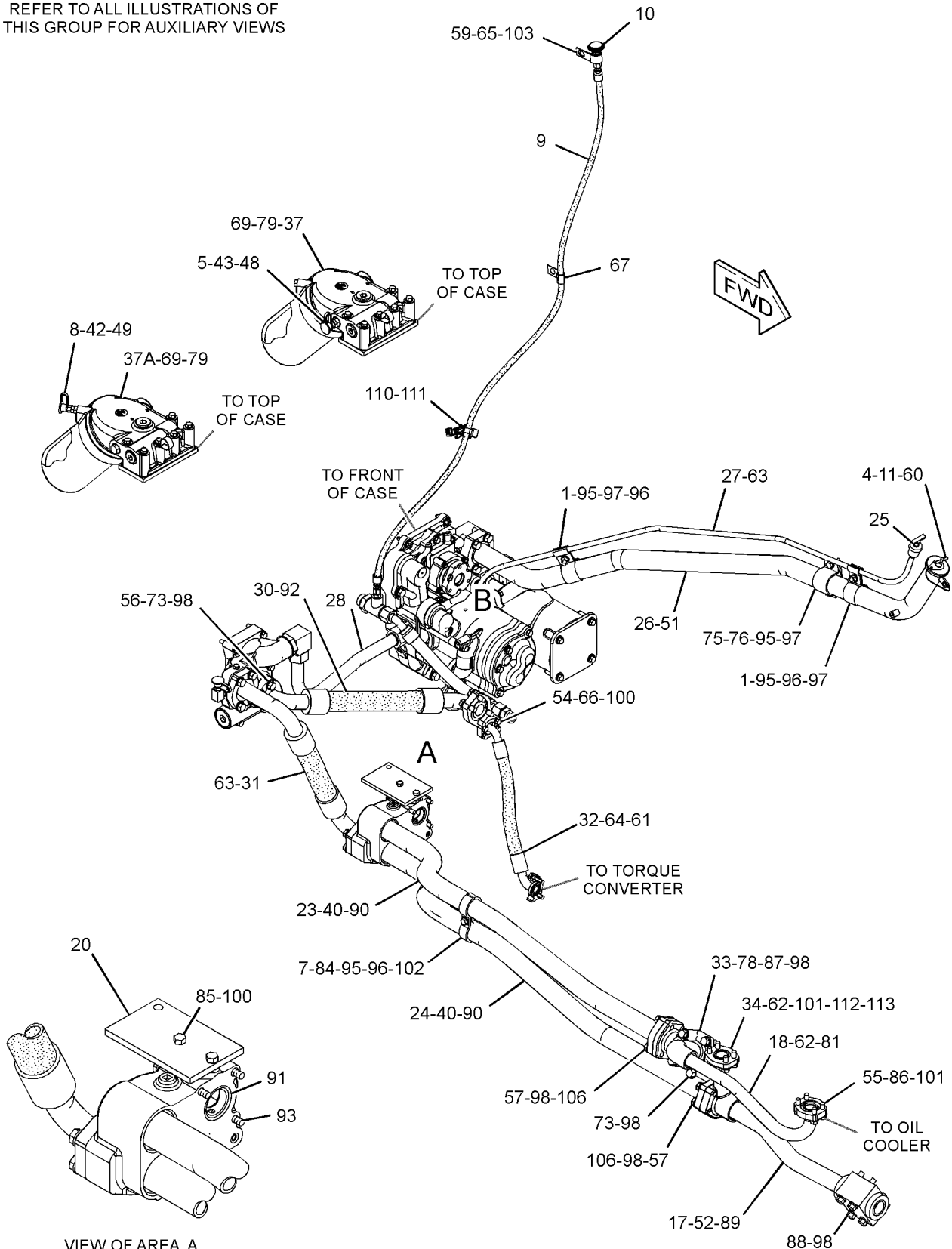
C-CHANGE FROM PREVIOUS TYPE
I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART
Y-SEPARATE ILLUSTRATION

POWER TRAIN

213-5172 LINES GP-POWER TRAIN OIL (contd.)

i03536308

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



VIEW OF AREA A

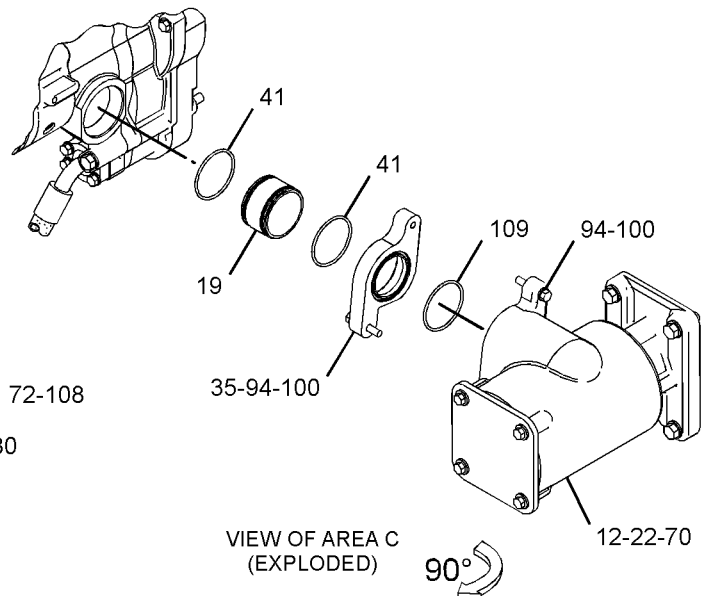
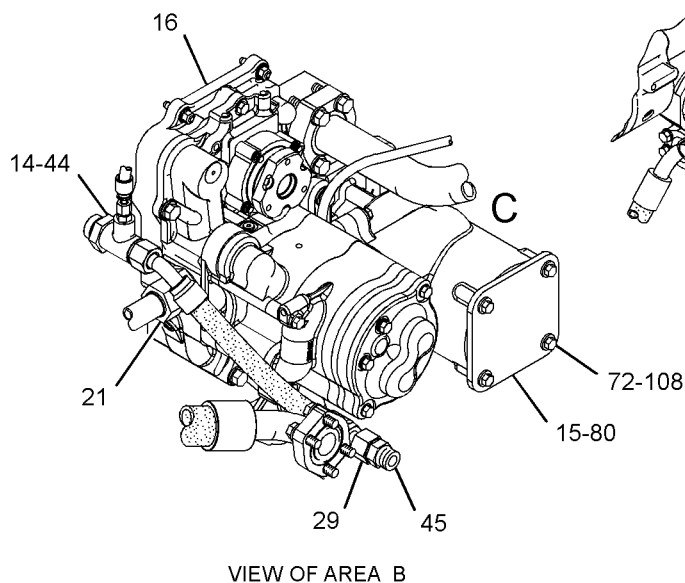
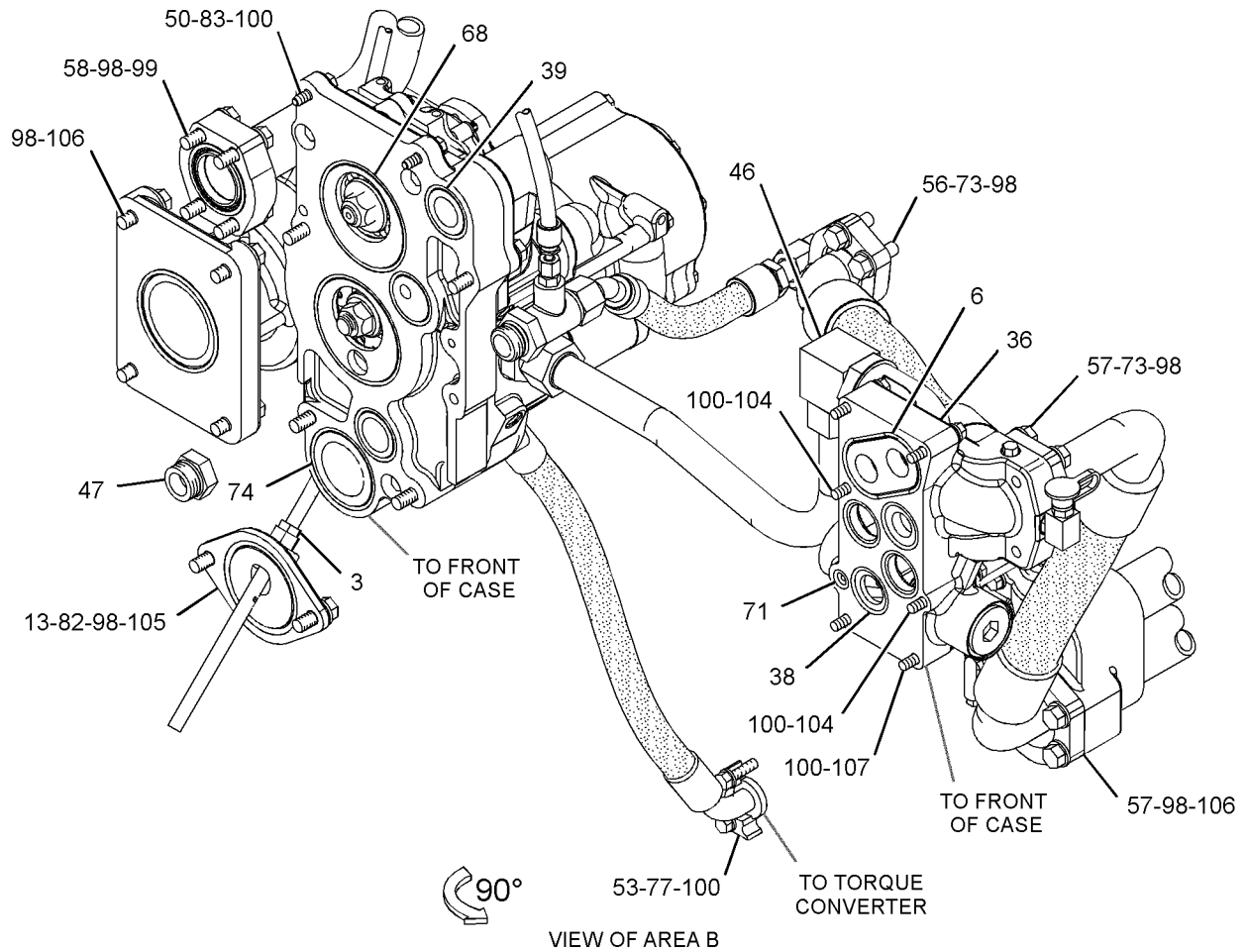
GRAPHIC #1

g01864413

POWER TRAIN

213-5172 LINES GP-POWER TRAIN OIL (contd.)

i03536308



GRAPHIC #2

<END>

g01531433

POWER TRAIN

213-5172 LINES GP-POWER TRAIN OIL

S/N: RJG1881-UP

PART OF 212-2746 POWER TRAIN AR

SMCS-3016

i03536309

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3T-4014	4	CLAMP	
	3	2	5K-9238	1	CONNECTOR	
	4	1	6N-2985	1	CAP AS-FILLER (POWER TRAIN OIL)	
	5	1	6V-0852	1	CAP-DUST	
	6	2	6V-8001	1	SEAL-O-RING	
	7	1	7C-8246	1	SPACER (10.5X20X24-MM THK)	
	8	1	8C-3447	1	CAP-DUST	
I	9	1	8W-2644	1	HOSE AS	
	10	1	9G-5127	1	BREATHER (TRANSMISSION)	
	11	1	9M-5732	1	RIVET-POP	
	12	2	9P-9555	1	SCREEN AS-SUCTION (POWER TRAIN OIL SUMP)	
	13	2	131-0136	1	TUBE AS	
	14	2	162-5709	1	TEE AS	
		2	109-6511	1	TEE-O-RING	
		2	7M-8485	1	SEAL-O-RING	
		2	6V-9746	1	SEAL-O-RING	
	15	2	176-9966	1	COVER-TOP	
Y	16	2	201-8389	1	PUMP GP-GEAR (POWER TRAIN OIL)	604
	17	1	216-2600	1	TUBE AS	
	18	1	216-2603	1	TUBE AS	
	19	2	216-4349	1	SLEEVE	
Y	20	1	217-5393	1	VALVE GP-RELIEF (TORQUE CONVERTER OUTLET)	621
	21	2	219-9654	1	CONNECTOR AS	
		2	109-3657	1	CONNECTOR	
		2	6K-6307	1	SEAL-O-RING	
		2	6V-8400	1	SEAL-O-RING	
	22	2	221-1831	1	HOUSING	
	23	1	221-1832	1	TUBE AS	
	24	1	221-1833	1	TUBE AS	
	25	1	221-1834	1	GAUGE AS-OIL LEVEL (DIPSTICK) (POWER TRAIN)	
	26	1	221-1835	1	TUBE AS	
	27	1	221-1836	1	TUBE AS	
	28	1	221-1839	1	TUBE AS	
I	29	2	221-1840	1	HOSE AS	
I	30	1	221-1841	1	HOSE AS	
I	31	1	221-1842	1	HOSE AS	
I	32	1	221-1843	1	HOSE AS	
	33	1	229-5682	1	MANIFOLD	
	34	1	229-5683	1	MANIFOLD	
	35	2	231-2188	1	ADAPTER	
Y	36	2	232-3374	1	VALVE GP-RELIEF (LUBRICATION DISTRIBUTION)	623
CY	37	1	334-0572	1	FILTER GP-OIL (TRANSMISSION CHARGING)	568
CY	37A	1	334-0572	1	FILTER GP-OIL (TORQUE CONVERTER CHARGING)	568
	38	2	061-8561	4	SEAL-O-RING	
	39	2	061-9455	3	SEAL-O-RING	
	40	1	109-0076	2	SEAL-O-RING	
	41	2	112-1574	2	SEAL-O-RING	
	42	1	148-8305	1	ADAPTER AS	
		1	5P-9617	1	ADAPTER	
		1	3J-1907	1	SEAL-O-RING	
	43	1	148-8313	1	ADAPTER AS	
		1	5P-6944	1	ADAPTER	
		1	3K-0360	1	SEAL-O-RING	
	44	2	148-8325	1	CONNECTOR AS	
		2	6V-8641	1	CONNECTOR	
		2	3J-1907	1	SEAL-O-RING	

POWER TRAIN

213-5172 LINES GP-POWER TRAIN OIL (contd.)

i03536309

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	4J-5477	1	SEAL-O-RING						
45		2	148-8327	1	CONNECTOR AS						
		2	6V-8637	1	CONNECTOR						
		2	3D-2824	1	SEAL-O-RING						
		2	6V-9746	1	SEAL-O-RING						
46		2	153-6235	1	ELBOW AS						
		2	3E-7433	1	ELBOW						
		2	6K-6307	1	SEAL-O-RING						
		2	6V-8400	1	SEAL-O-RING						
47		2	164-4180	1	PLUG AS						
		2	9S-4181	1	PLUG-O-RING						
		2	7M-8485	1	SEAL-O-RING						
48		1	164-5567	1	COUPLER AS-QUICK DISCONNECT						
		1	6V-3965	1	FITTING (QUICK DISCONNECT)						
		1	3J-1907	1	SEAL-O-RING						
49		1	164-5590	1	VALVE AS-FLUID SAMPLING						
		1	8C-3446	1	VALVE-FLUID SAMPLING						
		1	3J-7354	1	SEAL-O-RING						
50		2	1J-8668	2	STUD-TAPERLOCK (3/8-16X1.97-IN)						
51		1	1P-3708	1	SEAL-RECTANGULAR						
52		1	1P-3709	1	SEAL-RECTANGULAR						
53		2	1P-4576	2	FLANGE-HALF						
54		1	1P-4577	2	FLANGE-HALF						
55		1	1P-4578	2	FLANGE-HALF						
56	1, 2		1P-4579	4	FLANGE-HALF						
57	1, 2		1P-4582	8	FLANGE-HALF						
58		2	1P-5763	2	FLANGE-HALF						
59		1	1S-0996	1	CLIP						
60		1	4B-4274	1	WASHER (5.5X13X1.2-MM THK)						
61		1	4J-0520	1	SEAL-O-RING						
62		1	4J-0522	2	SEAL-O-RING						
63		1	4J-0527	2	SEAL-O-RING						
64		1	4J-5267	1	SEAL-O-RING						
65		1	4J-5477	1	SEAL-O-RING						
66		1	4L-9337	4	BOLT (3/8-16X1.5-IN)						
67		1	9M-8406	1	CLIP						
68		2	5D-5957	2	SEAL-O-RING						
69		1	5H-7153	2	SEAL-O-RING						
70		2	5K-1770	1	SEAL-O-RING						
71		2	5P-0840	1	SEAL-O-RING						
72		2	5P-1075	4	WASHER-HARD (10.2X22.5X3-MM THK)						
73	1, 2		5P-2566	14	BOLT (1/2-13X1.5-IN)						
74		2	5P-4889	1	SEAL-O-RING						
75		1	5P-7468	1	CLIP (SLOT)						
76		1	5P-7469	1	CLIP (TAB)						
77		2	5S-7382	4	BOLT (3/8-16X1.375-IN)						
78		1	6F-8146	1	SEAL-O-RING						
79		1	6L-1651	4	SEAL-O-RING						
80		2	6V-1904	1	SEAL-O-RING						
81		1	6V-5134	1	SEAL-O-RING						
82		2	6V-5656	1	SEAL-O-RING						
83		2	6V-8801	2	NUT (3/8-16-THD)						
84		1	7D-4069	2	CLAMP						
85		1	7X-0290	3	BOLT (3/8-16X3.5-IN)						
86		1	7X-0308	4	BOLT (7/16-14X1.375-IN)						
87		1	7X-0326	2	BOLT (1/2-13X3-IN)						
88		1	8T-9391	4	BOLT (1/2-13X3.75-IN)						
89		1	8C-5230	1	SEAL-O-RING						
90		1	8M-4390	2	SEAL-O-RING						

POWER TRAIN

213-5172 LINES GP-POWER TRAIN OIL (contd.)

i03536309

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	91	1	8M-4443	1	SEAL-O-RING						
	92	1	8M-5661	2	SEAL-O-RING						
	93	1	8M-8157	1	SEAL-O-RING						
	94	2	8T-2501	2	BOLT (3/8-16X2-IN)						
	95	1	8T-4121	7	WASHER-HARD (11X21X2.5-MM THK)						
M	96	1	8T-4133	3	NUT (M10X1.5-THD)						
M	97	1	8T-4195	3	BOLT (M10X1.5X30-MM)						
	98	1,2	8T-4223	42	WASHER-HARD (13.5X25.5X3-MM THK)						
	99	2	8T-4835	4	BOLT (1/2-13X2-IN)						
	100	1,2	8T-4896	21	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	101	1	8T-5360	8	WASHER (12X22.5X2.5-MM THK)						
M	102	1	8T-6466	1	BOLT (M10X1.5X60-MM)						
	103	1	8T-6776	1	ADAPTER						
	104	2	8T-8915	2	BOLT (3/8-16X3.25-IN)						
	105	2	8T-8917	2	BOLT (1/2-13X1.25-IN)						
	106	1,2	8T-8919	16	BOLT (1/2-13X1.75-IN)						
	107	2	8T-9377	4	BOLT (3/8-16X2.25-IN)						
	108	2	9B-7237	4	BOLT (3/8-16X1.25-IN)						
	109	2	9M-7539	1	SEAL-O-RING						
	110	1	193-3973	2	STRAP-CABLE						
	111	1	200-6345	1	MOUNT (DUAL SWIVEL)						
	112	1	299-3435	4	BOLT (7/16-14X1.5-IN)						
	113	1	7X-0507	4	WASHER-HARD (12X22.5X5-MM THK)						

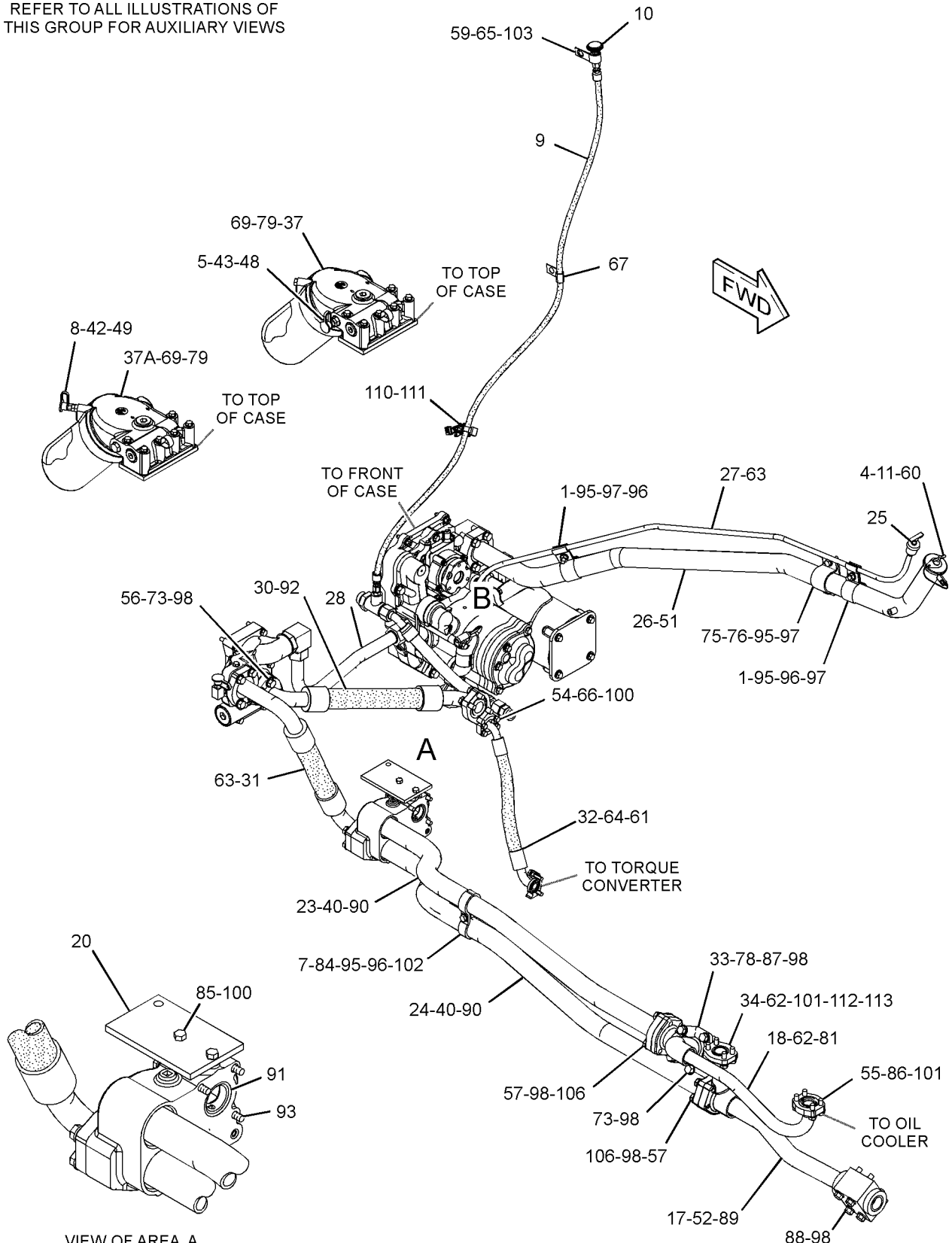
C-CHANGE FROM PREVIOUS TYPE
I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART
Y-SEPARATE ILLUSTRATION

POWER TRAIN

213-5172 LINES GP-POWER TRAIN OIL (contd.)

i03536309

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



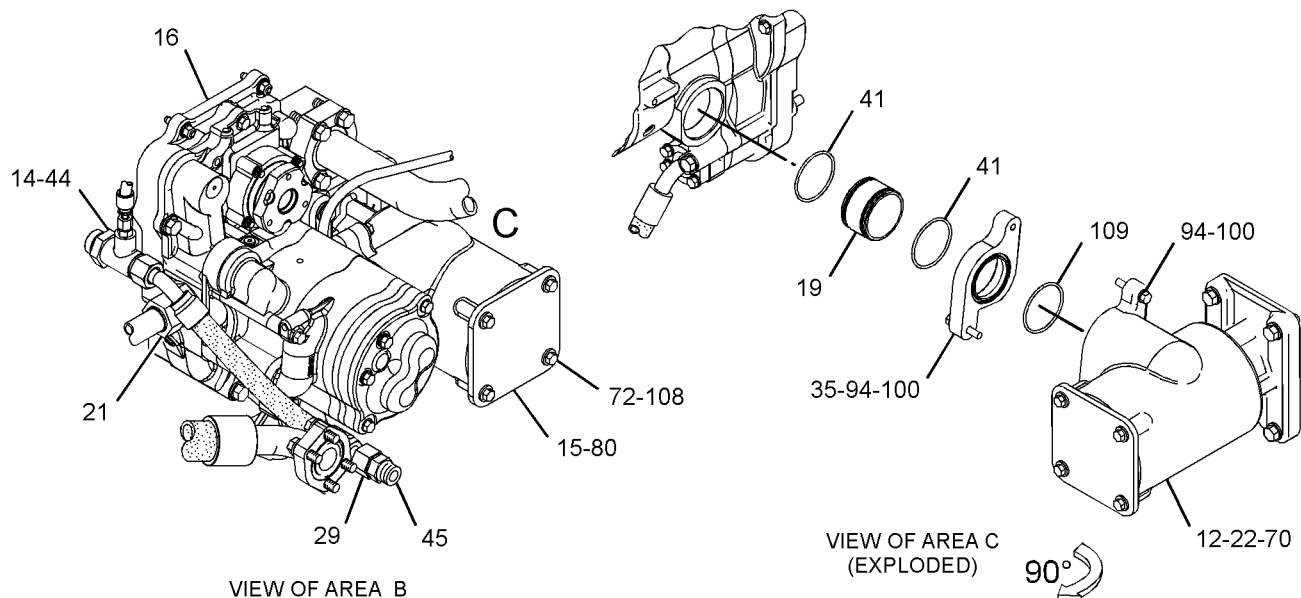
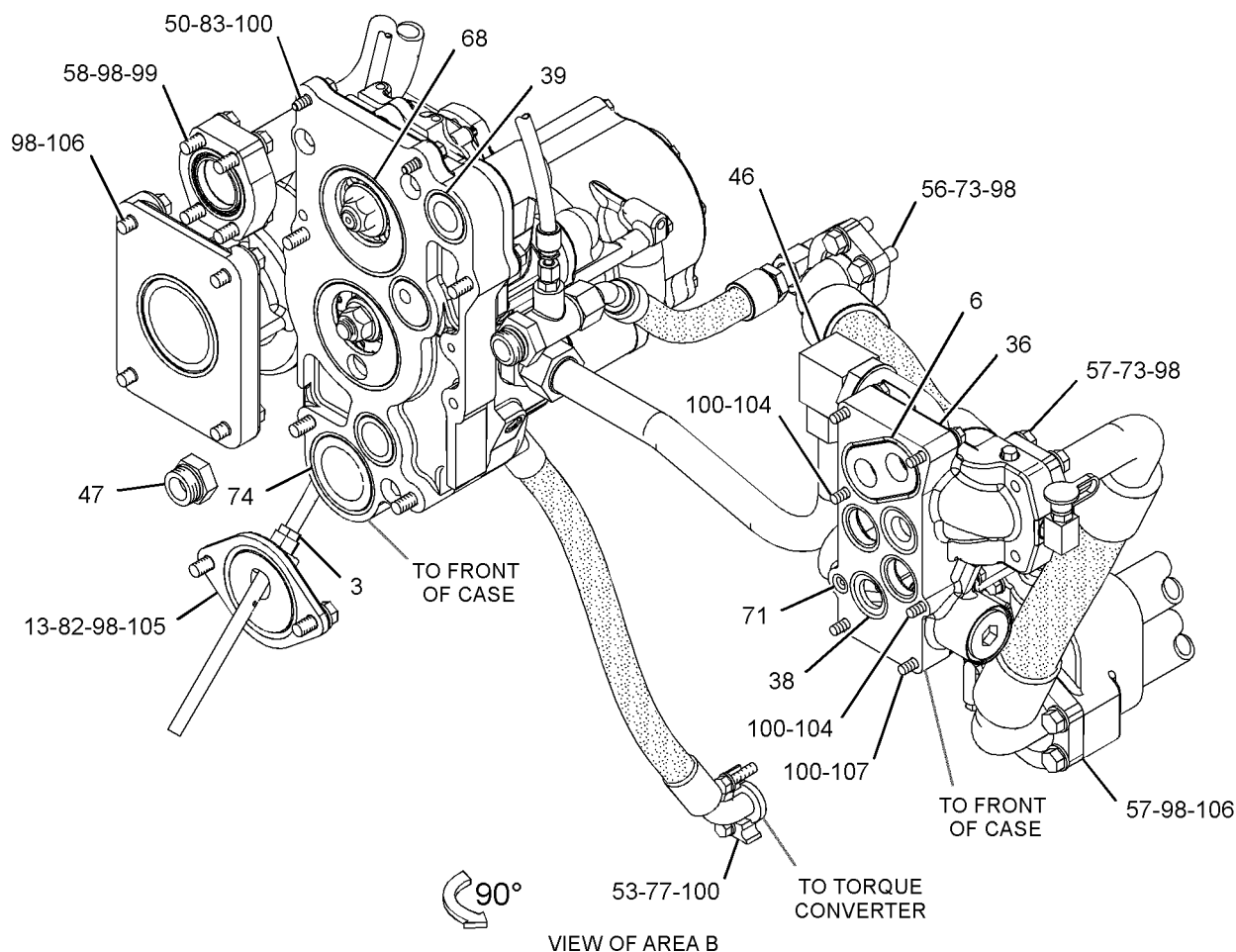
GRAPHIC #1

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POWER TRAIN

213-5172 LINES GP-POWER TRAIN OIL (contd.)

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GRAPHIC #2

<END>

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POWER TRAIN

122-8682 MOUNTING GP-TRANSMISSION

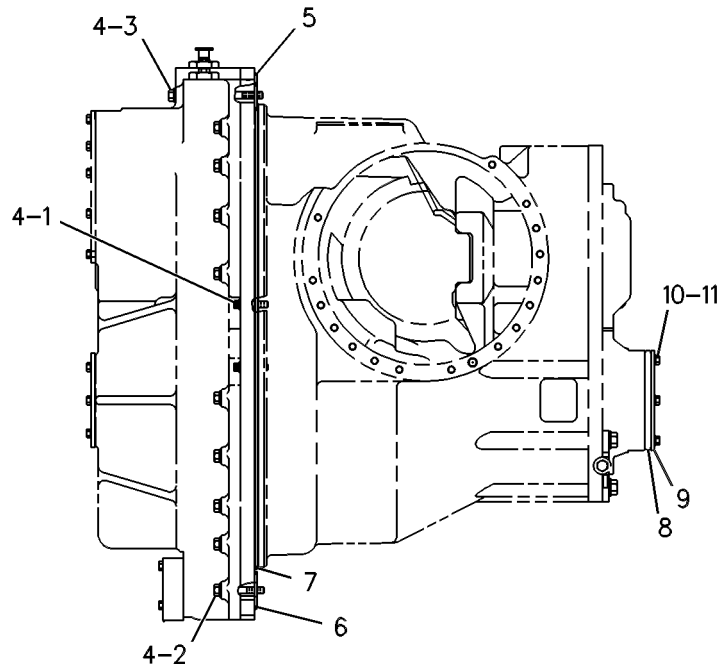
S/N: RJG1-UP

PART OF 212-2746 POWER TRAIN AR

SMCS-3082

i01743034

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5J-5793	2	BOLT-12 POINT HEAD (1/2-13X1.75-IN)						
	2	1	1B-2886	18	BOLT (1/2-13X3.75-IN)						
	3	1	2A-1531	3	BOLT (1/2-13X6.5-IN)						
	4	1	5P-8245	23	WASHER-HARD (13.5X25.5X3-MM THK)						
	5	1	9M-9647	3	SEAL-O-RING						
	6	1	6L-9284	1	SEAL-O-RING						
	7	1	5P-9519	1	SEAL-O-RING						
	8	1	7M-0475	1	RING-SEALING						
	9	1	3T-5830	1	PLATE						
	10	1	OS-1591	4	BOLT (3/8-16X1.5-IN)						
	11	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5-MM THK)						



GRAPHIC #1

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g00252752

POWER TRAIN

219-3033 PLANETARY GP-TRANSMISSION

S/N: DRL1-565

PART OF 213-5171 TRANSMISSION AR

SMCS-3160

i03536331

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	110-9264	1	HOUSING AS	
		1	7M-8480	4	DOWEL	
	2	1	110-9258	1	CARRIER-PLANETARY	
	3	1	110-9262	1	GEAR-SUN (50-TEETH)	
	4	1	110-9269	1	HOUSING-CLUTCH	
	5	1	221-1444	2	PISTON	
R	6	1	3P-7489	5	PLATE-CLUTCH	
	7	1	6I-9255	6	DISC-FRICTION	
	8	1	110-9274	1	HOUSING AS	
		1	8B-1312	3	DOWEL	
		1	110-9273	1	HOUSING-ROTATING	
	9	1	183-2264	1	HOUSING AS	
		1	4S-8537	1	DOWEL	
		1	6P-7564	1	CARRIER-RING	
		1	112-4509	1	BEARING-SLEEVE	
	10	1	8S-9191	20	BOLT (3/8-16X4-IN)	
	11	1	5M-2894	26	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	12	1	3P-2792	1	SEAL-RING	
	13	1	153-5482	1	PISTON-CLUTCH	
	14	1	110-9272	1	HUB AS	
		1	4S-8537	1	DOWEL	
	15	1	1P-9261	1	SEAL-RING	
	16	1	0S-1594	4	BOLT (3/8-16X1-IN)	
	17	1	6Y-3484	3	BALL BEARING	
	18	1	8T-1141	3	RING-RETAINING	
	19	1	201-8117	1	SHAFT-TRANSMISSION INPUT	
	20	1	172-3262	1	SHAFT AS-OUTPUT	
		1	3P-3103	1	CARRIER-RING	
		1	111-8919	1	BEARING-ROLLER	
	21	1	7J-6525	2	RING-RETAINING	
	22	1	239-5363	1	ROTOR	
	23	1	137-5532	1	SEAL-LIP TYPE	
	24	1	240-8586	1	PLATE	
	25	1	6V-0836	3	RING-RETAINING	
	26	1	9W-6991	2	RING-SEAL	
	27	1	2S-8939	1	RING-RETAINING	
	28	1	110-9283	3	SPRING-DISC	
	29	1	110-9282	1	PLATE-RETAINER	
	30	1	110-9278	1	MANIFOLD AS	
		1	7M-8480	2	DOWEL	
	31	1	5P-3414	1	RING-RETAINING	
	32	1	1M-8657	21	BOLT (1/2-13X15.69-IN)	
	33	1	5P-8245	23	WASHER-HARD (13.5X25.5X3-MM THK)	
	34	1	3P-2794	3	SEAL-RING	
	35	1	3P-2793	3	SEAL-RING	
	36	1	219-3036	6	DOWEL-REACTION	
	37	1	169-7055	7	DISC-CLUTCH	
	38	1	8E-8304	10	DISC-THRUST	
	39	1	110-9284	1	GEAR-RING (90-TEETH)	
	40	1	7G-2476	5	GEAR-PLANETARY (20-TEETH)	
	41	1	5M-6126	5	BEARING AS-ROLLER	
	42	1	6P-6739	5	SHAFT-PLANETARY	
	43	1	7M-1199	24	SPRING	
	44	1	110-9285	1	GEAR-RING (79-TEETH)	
	45	1	110-9286	10	GEAR-PLANETARY (22-TEETH)	
	46	1	7G-4817	1	RING-SEAL	

POWER TRAIN

219-3033 PLANETARY GP-TRANSMISSION (contd.)

i03536331

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	47	1	3P-7570	1	RING-SEAL	
	48	1	111-8920	2	BALL BEARING	
	49	1	205-3257	1	PISTON	
	50	1	112-4511	5	PIN-SPRING	
	51	1	5P-6254	15	BEARING	
	52	1	9W-9856	6	DISC AS-FRICTION	
	53	1	232-7572	12	ROD	
	54	1	110-9287	5	SHAFT-PLANETARY	
	55	1	110-9288	1	GEAR-RING (79-TEETH)	
	56	1	9G-1919	5	GEAR-PLANETARY (25-TEETH)	
	57	1	114-4652	12	SPRING	
R	58	1	3P-7447	15	PLATE-CLUTCH	
	59	1	219-3037	6	DOWEL-REACTION	
	60	1	172-3263	1	HOUSING AS	
		1	9S-1343	2	PLUG-CUP	
	61	1	232-7575	2	PLATE-CLUTCH	
	62	1	110-9289	1	GEAR-RING	
	63	1	3S-2708	10	PIN-SPRING	
	64	1	8P-4047	5	SHAFT-PLANETARY	
	65	1	7G-0897	30	DISC-THRUST	
	66	1	8K-2692	1	RING-RETAINING	
	67	1	2D-5658	1	BALL BEARING	
	68	1	8M-5661	1	SEAL-O-RING	
	69	1	8C-6761	1	RING-RETAINING	
	70	1	6P-3458	1	SPACER (2.179X3X0.366-IN THK)	
	71	1	6F-0156	2	RING-METAL SEAL	
	72	1	3P-3321	2	SEAL-METAL RING	
	73	1	207-3673	1	PISTON	
	74	1	132-5546	1	GEAR-SUN (34-TEETH)	
	75	1	9W-5768	1	GEAR-RING (86-TEETH)	
	76	1	110-9243	1	CARRIER AS	
		1	4S-8537	1	DOWEL	
	77	1	8P-4617	1	SEAL-METAL RING	
	78	1	110-9248	1	PLATE AS	
		1	7M-8480	1	DOWEL	
		1	8T-1444	2	DOWEL	
		1	110-9246	1	PLATE-CENTER	
	79	1	8M-4395	2	SEAL-O-RING	
	80	1	108-2736	2	RING-LOCK	
	81	1	5M-4480	2	RING-RETAINING	
	82	1	132-5538	1	GEAR-SUN (36-TEETH)	
	83	1	110-9251	1	CARRIER-PLANETARY	
	84	1	8F-8544	2	BOLT (3/8-16X6.25-IN)	
	85	1	110-9255	1	HOUSING-CLUTCH	
	86	1	095-7950	1	RING-RETAINING	
	87	1	5M-6187	1	RING-METAL SEAL	
	88	1	9M-4355	21	DAMPER-BOLT	
	89	1	108-2735	1	RING-LOCK	
	90	1	9M-1503	1	RING-METAL SEAL	
	91	1	237-9601	1	BRACKET AS	
		1	8M-8489	2	DOWEL	
	92	1	0S-1619	2	BOLT (3/8-16X3-IN)	
	93	1	191-8305	1	SENSOR GP-SPEED (TRANSMISSION OUTPUT, TRAILING)	
		1	137-6645	1	PAD	
	94	1	6V-1720	1	PLATE-SERIAL NUMBER (TRANSMISSION)	
	95	1	240-8587	1	HARNESS AS-SENSOR (TRANSMISSION OUTPUT SPEED)	
		1	155-2270	2	KIT-CONNECTING PLUG (2-PIN) (EACH INCLUDES PLUG AS & WEDGE)	
		1	155-2272	1	PLUG AS-CONNECTOR (4-PIN)	

POWER TRAIN

219-3033 PLANETARY GP-TRANSMISSION (contd.)

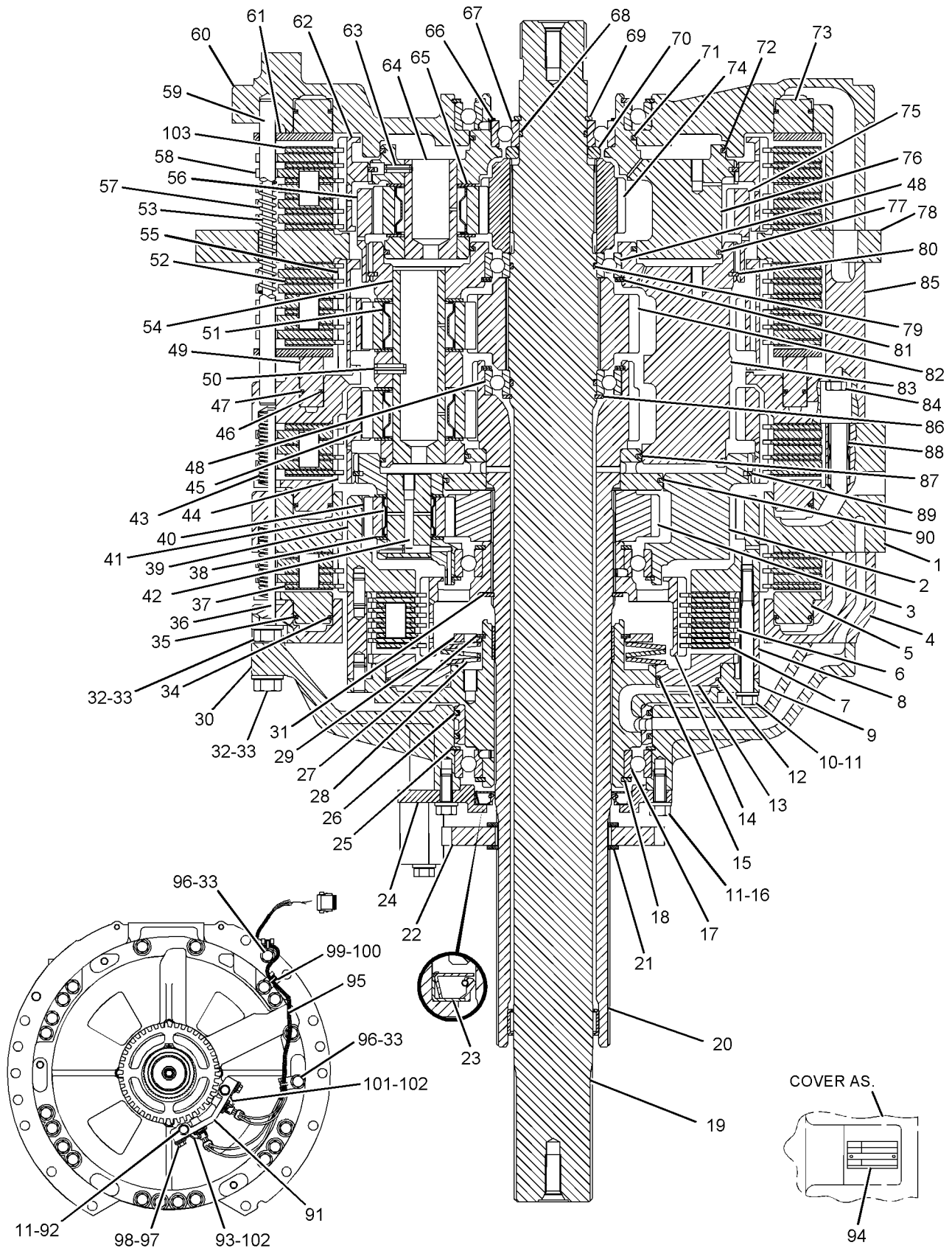
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NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	96	1	2H-3855	2	BOLT (1/2-13X0.875-IN)						
	97	1	2H-3755	2	BOLT (5/16-18X0.43-IN)						
	98	1	3E-4352	2	WASHER-HARD (8.8X20.5X2.5-MM THK)						
	99	1	4P-7429	3	CLIP						
	100	1	3S-2093	3	STRAP-CABLE						
	101	1	191-8304	1	SENSOR GP-SPEED (TRANSMISSION OUTPUT, LEADING)						
		1	137-6645	1	PAD						
	102	1	117-1385	2	SEAL-O-RING						
	103	1	8E-2729	6	DISC AS-FRICTION						
R-REMFG PART MAY BE AVAILABLE											

POWER TRAIN

219-3033 PLANETARY GP-TRANSMISSION (contd.)

i03536331



GRAPHIC #1

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g01140198

POWER TRAIN

219-3033 PLANETARY GP-TRANSMISSION

S/N: DRL566-1873

PART OF 213-5171 TRANSMISSION AR

SMCS-3160

i03536332

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	110-9264	1	HOUSING AS	
		1	7M-8480	4	DOWEL	
	2	1	110-9258	1	CARRIER-PLANETARY	
	3	1	110-9262	1	GEAR-SUN (50-TEETH)	
	4	1	110-9269	1	HOUSING-CLUTCH	
	5	1	221-1444	2	PISTON	
R	6	1	3P-7489	5	PLATE-CLUTCH	
	7	1	6I-9255	6	DISC-FRICTION	
	8	1	110-9274	1	HOUSING AS	
		1	8B-1312	3	DOWEL	
		1	110-9273	1	HOUSING-ROTATING	
	9	1	183-2264	1	HOUSING AS	
		1	4S-8537	1	DOWEL	
		1	6P-7564	1	CARRIER-RING	
		1	112-4509	1	BEARING-SLEEVE	
	10	1	8S-9191	20	BOLT (3/8-16X4-IN)	
	11	1	5M-2894	26	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	12	1	3P-2792	1	SEAL-RING	
	13	1	153-5482	1	PISTON-CLUTCH	
	14	1	110-9272	1	HUB AS	
		1	4S-8537	1	DOWEL	
	15	1	1P-9261	1	SEAL-RING	
	16	1	0S-1594	4	BOLT (3/8-16X1-IN)	
	17	1	6Y-3484	3	BALL BEARING	
	18	1	8T-1141	3	RING-RETAINING	
	19	1	201-8117	1	SHAFT-TRANSMISSION INPUT	
	20	1	172-3262	1	SHAFT AS-OUTPUT	
		1	3P-3103	1	CARRIER-RING	
		1	111-8919	1	BEARING-ROLLER	
	21	1	7J-6525	2	RING-RETAINING	
	22	1	239-5363	1	ROTOR	
	23	1	137-5532	1	SEAL-LIP TYPE	
	24	1	240-8586	1	PLATE	
	25	1	6V-0836	3	RING-RETAINING	
	26	1	9W-6991	2	RING-SEAL	
	27	1	2S-8939	1	RING-RETAINING	
	28	1	110-9283	3	SPRING-DISC	
	29	1	110-9282	1	PLATE-RETAINER	
	30	1	110-9278	1	MANIFOLD AS	
		1	7M-8480	2	DOWEL	
	31	1	5P-3414	1	RING-RETAINING	
	32	1	1M-8657	21	BOLT (1/2-13X15.69-IN)	
	33	1	5P-8245	23	WASHER-HARD (13.5X25.5X3-MM THK)	
	34	1	3P-2794	3	SEAL-RING	
	35	1	3P-2793	3	SEAL-RING	
	36	1	219-3036	6	DOWEL-REACTION	
	37	1	169-7055	7	DISC-CLUTCH	
	38	1	8E-8304	10	DISC-THRUST	
	39	1	110-9284	1	GEAR-RING (90-TEETH)	
	40	1	7G-2476	5	GEAR-PLANETARY (20-TEETH)	
	41	1	5M-6126	5	BEARING AS-ROLLER	
	42	1	6P-6739	5	SHAFT-PLANETARY	
	43	1	7M-1199	24	SPRING	
	44	1	110-9285	1	GEAR-RING (79-TEETH)	
	45	1	110-9286	10	GEAR-PLANETARY (22-TEETH)	
	46	1	7G-4817	1	RING-SEAL	

POWER TRAIN

219-3033 PLANETARY GP-TRANSMISSION (contd.)

i03536332

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	47	1	3P-7570	1	RING-SEAL	
	48	1	111-8920	2	BALL BEARING	
	49	1	205-3257	1	PISTON	
	50	1	112-4511	5	PIN-SPRING	
	51	1	5P-6254	15	BEARING	
	52	1	9W-9856	6	DISC AS-FRICTION	
	53	1	232-7572	12	ROD	
	54	1	110-9287	5	SHAFT-PLANETARY	
	55	1	110-9288	1	GEAR-RING (79-TEETH)	
	56	1	9G-1919	5	GEAR-PLANETARY (25-TEETH)	
	57	1	114-4652	12	SPRING	
R	58	1	3P-7447	15	PLATE-CLUTCH	
	59	1	219-3037	6	DOWEL-REACTION	
	60	1	172-3263	1	HOUSING AS	
		1	9S-1343	2	PLUG-CUP	
	61	1	232-7575	2	PLATE-CLUTCH	
	62	1	110-9289	1	GEAR-RING	
	63	1	3S-2708	10	PIN-SPRING	
	64	1	8P-4047	5	SHAFT-PLANETARY	
	65	1	7G-0897	30	DISC-THRUST	
	66	1	8K-2692	1	RING-RETAINING	
	67	1	2D-5658	1	BALL BEARING	
	68	1	8M-5661	1	SEAL-O-RING	
	69	1	8C-6761	1	RING-RETAINING	
	70	1	6P-3458	1	SPACER (2.179X3X0.366-IN THK)	
	71	1	6F-0156	2	RING-METAL SEAL	
	72	1	3P-3321	2	SEAL-METAL RING	
	73	1	207-3673	1	PISTON	
	74	1	132-5546	1	GEAR-SUN (34-TEETH)	
	75	1	9W-5768	1	GEAR-RING (86-TEETH)	
	76	1	110-9243	1	CARRIER AS	
		1	4S-8537	1	DOWEL	
	77	1	8P-4617	1	SEAL-METAL RING	
	78	1	110-9248	1	PLATE AS	
		1	7M-8480	1	DOWEL	
		1	8T-1444	2	DOWEL	
		1	110-9246	1	PLATE-CENTER	
	79	1	8M-4395	2	SEAL-O-RING	
	80	1	108-2736	2	RING-LOCK	
	81	1	5M-4480	2	RING-RETAINING	
	82	1	132-5538	1	GEAR-SUN (36-TEETH)	
	83	1	110-9251	1	CARRIER-PLANETARY	
	84	1	8F-8544	2	BOLT (3/8-16X6.25-IN)	
	85	1	110-9255	1	HOUSING-CLUTCH	
	86	1	095-7950	1	RING-RETAINING	
	87	1	5M-6187	1	RING-METAL SEAL	
	88	1	9M-4355	21	DAMPER-BOLT	
	89	1	108-2735	1	RING-LOCK	
	90	1	9M-1503	1	RING-METAL SEAL	
	91	1	237-9601	1	BRACKET AS	
	92	1	0S-1619	2	BOLT (3/8-16X3-IN)	
	93	1	191-8304	1	SENSOR GP-SPEED (TRANSMISSION OUTPUT, TRAILING)	
		1	137-6645	1	PAD	
	94	1	6V-1720	1	PLATE-SERIAL NUMBER (TRANSMISSION)	
	96	1	2H-3855	2	BOLT (1/2-13X0.875-IN)	
	97	1	2H-3755	2	BOLT (5/16-18X0.43-IN)	
	98	1	3E-4352	2	WASHER-HARD (8.8X20.5X2.5-MM THK)	
	99	1	4P-7429	3	CLIP	
	100	1	3S-2093	3	STRAP-CABLE	

POWER TRAIN

219-3033 PLANETARY GP-TRANSMISSION (contd.)

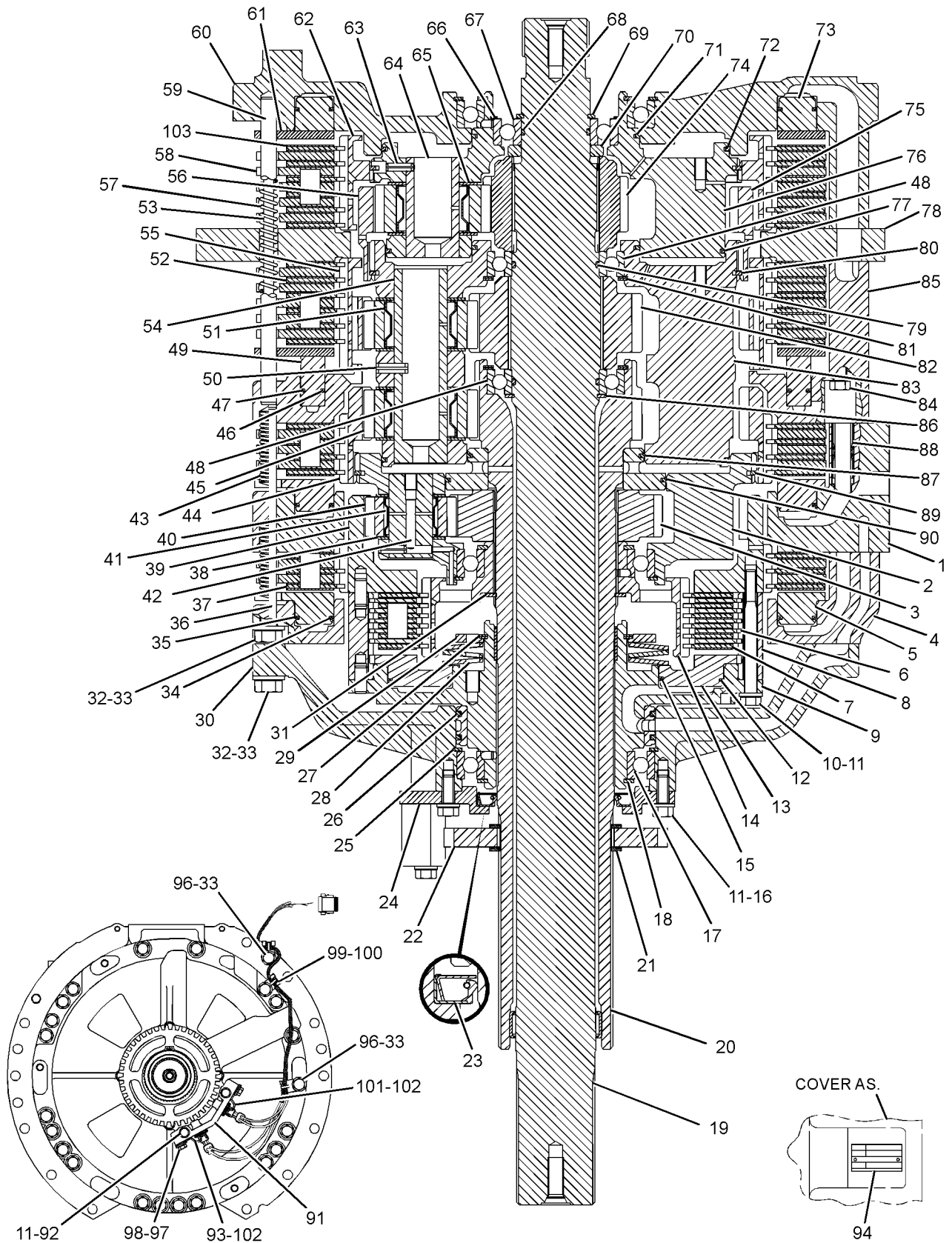
i03536332

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	101	1	191-8305	1	SENSOR GP-SPEED (TRANSMISSION OUTPUT, LEADING)	
		1	137-6645	1	PAD	
	102	1	117-1385	2	SEAL-O-RING	
	103	1	8E-2729	6	DISC AS-FRICTION	
R-REMFG PART MAY BE AVAILABLE						

POWER TRAIN

219-3033 PLANETARY GP-TRANSMISSION (contd.)

i03536332



GRAPHIC #1

<END>

g01323648

POWER TRAIN

219-3033 PLANETARY GP-TRANSMISSION

S/N: DRL1874-UP

PART OF 213-5171 TRANSMISSION AR

SMCS-3160

i03467820

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	110-9264	1	HOUSING AS	
		2	7M-8480	4	DOWEL	
	2	2	110-9258	1	CARRIER-PLANETARY	
	3	2	110-9262	1	GEAR-SUN (50-TEETH)	
	4	1	110-9269	1	HOUSING-CLUTCH	
	5	1, 2	221-1444	2	PISTON	
R	6	1	3P-7489	5	PLATE-CLUTCH	
	7	1	234-6707	6	DISC-FRICTION	
	8	1	110-9274	1	HOUSING AS	
		1	8B-1312	3	DOWEL	
		1	110-9273	1	HOUSING-ROTATING	
	9	1	183-2264	1	HOUSING AS	
		1	4S-8537	1	DOWEL	
		1	6P-7564	1	CARRIER-RING	
		1	112-4509	1	BEARING-SLEEVE	
	10	1	8S-9191	20	BOLT (3/8-16X4-IN)	
	11	1	5M-2894	26	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	12	1	3P-2792	1	SEAL-RING	
	13	1	153-5482	1	PISTON-CLUTCH	
	14	1	110-9272	1	HUB AS	
		1	4S-8537	1	DOWEL	
	15	1	1P-9261	1	SEAL-RING	
	16	1	0S-1594	4	BOLT (3/8-16X1-IN)	
	17	1, 2, 4	6Y-3484	3	BALL BEARING	
	18	1, 2, 4	8T-1141	3	RING-RETAINING	
C	19	4	330-4576	1	SHAFT AS-INPUT	
		4	6F-0984	1	DOWEL	
	20	2	172-3262	1	SHAFT AS-OUTPUT	
		2	3P-3103	1	CARRIER-RING	
		2	111-8919	1	BEARING-ROLLER	
	21	1	7J-6525	2	RING-RETAINING	
	22	1	239-5363	1	ROTOR	
	23	1	137-5532	1	SEAL-LIP TYPE	
	24	1	240-8586	1	PLATE	
	25	1, 2, 4	6V-0836	3	RING-RETAINING	
	26	1	9W-6991	2	RING-SEAL	
	27	1	2S-8939	1	RING-RETAINING	
	28	1	110-9283	3	SPRING-DISC	
	29	1	110-9282	1	PLATE-RETAINER	
	30	1	110-9278	1	MANIFOLD AS	
		1	7M-8480	2	DOWEL	
	31	2	5P-3414	1	RING-RETAINING	
	32	1	1M-8657	21	BOLT (1/2-13X15.69-IN)	
	33	1, 3	5P-8245	23	WASHER-HARD (13.5X25.5X3-MM THK)	
	34	1, 2, 4	3P-2794	3	SEAL-RING	
	35	1, 2, 4	3P-2793	3	SEAL-RING	
	36	2	219-3036	6	DOWEL-REACTION	
	37	2	233-9748	7	DISC-FRICTION	
	38	2	8E-8304	10	DISC-THRUST	
	39	2	110-9284	1	GEAR-RING (90-TEETH)	
	40	2	7G-2476	5	GEAR-PLANETARY (20-TEETH)	
	41	2	5M-6126	5	BEARING AS-ROLLER	
	42	2	6P-6739	5	SHAFT-PLANETARY	
	43	1, 2	7M-1199	24	SPRING	
	44	2	110-9285	1	GEAR-RING (79-TEETH)	
	45	3	110-9286	10	GEAR-PLANETARY (22-TEETH)	

POWER TRAIN

219-3033 PLANETARY GP-TRANSMISSION (contd.)

i03467820

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	46	3	7G-4817	1	RING-SEAL	
	47	3	3P-7570	1	RING-SEAL	
	48	4	111-8920	2	BALL BEARING	
	49	3	205-3257	1	PISTON	
	50	3	112-4511	5	PIN-SPRING	
	51	3	5P-6254	15	BEARING	
	52	3	9W-9856	6	DISC AS-FRICTION	
	53	4	232-7572	12	ROD	
	54	3	110-9287	5	SHAFT-PLANETARY	
	55	3	110-9288	1	GEAR-RING (79-TEETH)	
	56	3	9G-1919	5	GEAR-PLANETARY (25-TEETH)	
	57	4	114-4652	12	SPRING	
R	58	2, 3, 4	3P-7447	15	PLATE-CLUTCH	
	59	4	219-3037	6	DOWEL-REACTION	
	60	4	172-3263	1	HOUSING AS	
		4	9S-1343	2	PLUG-CUP	
	61	3, 4	232-7575	2	PLATE-CLUTCH	
	62	4	110-9289	1	GEAR-RING	
	63	2, 3	3S-2708	10	PIN-SPRING	
	64	3	8P-4047	5	SHAFT-PLANETARY	
	65	3	282-5042	30	DISC-THRUST	
	66	4	8K-2692	1	RING-RETAINING	
C	67	4	5P-9301	1	BALL BEARING	
C	68	4	5B-9318	1	BALL	
C	69	4	6V-8344	1	RING-RETAINING	
	70	4	6P-3458	1	SPACER (2.179X3X0.366-IN THK)	
	71	3	6F-0156	2	RING-METAL SEAL	
	72	3	3P-3321	2	SEAL-METAL RING	
	73	4	207-3673	1	PISTON	
	74	4	132-5546	1	GEAR-SUN (34-TEETH)	
	75	3	9W-5768	1	GEAR-RING (86-TEETH)	
	76	3	110-9243	1	CARRIER AS	
		3	4S-8537	1	DOWEL	
	77	3	8P-4617	1	SEAL-METAL RING	
	78	3	110-9248	1	PLATE AS	
		3	7M-8480	1	DOWEL	
		3	8T-1444	2	DOWEL	
		3	110-9246	1	PLATE-CENTER	
	79	4	8M-4395	2	SEAL-O-RING	
	80	3, 4	108-2736	2	RING-LOCK	
	81	4	5M-4480	2	RING-RETAINING	
	82	4	132-5538	1	GEAR-SUN (36-TEETH)	
	83	3	110-9251	1	CARRIER-PLANETARY	
	84	3	8F-8544	2	BOLT (3/8-16X6.25-IN)	
	85	3	110-9255	1	HOUSING-CLUTCH	
	86	4	095-7950	1	RING-RETAINING	
	87	2	5M-6187	1	RING-METAL SEAL	
	88	2	9M-4355	21	DAMPER-BOLT	
	89	2	108-2735	1	RING-LOCK	
	90	2	9M-1503	1	RING-METAL SEAL	
	91	1	237-9601	1	BRACKET AS	
	92	1	0S-1619	2	BOLT (3/8-16X3-IN)	
	93	1	191-8304	1	SENSOR GP-SPEED (TRANSMISSION OUTPUT, TRAILING)	
		1	137-6645	1	PAD	
	94	1	6V-1720	1	PLATE-SERIAL NUMBER (TRANSMISSION)	
	95	1, 3	2H-3855	2	BOLT (1/2-13X0.875-IN)	
	96	1	2H-3755	2	BOLT (5/16-18X0.43-IN)	
	97	1	3E-4352	2	WASHER-HARD (8.8X20.5X2.5-MM THK)	
	98	1, 3	4P-7429	3	CLIP	

POWER TRAIN

219-3033 PLANETARY GP-TRANSMISSION (contd.)

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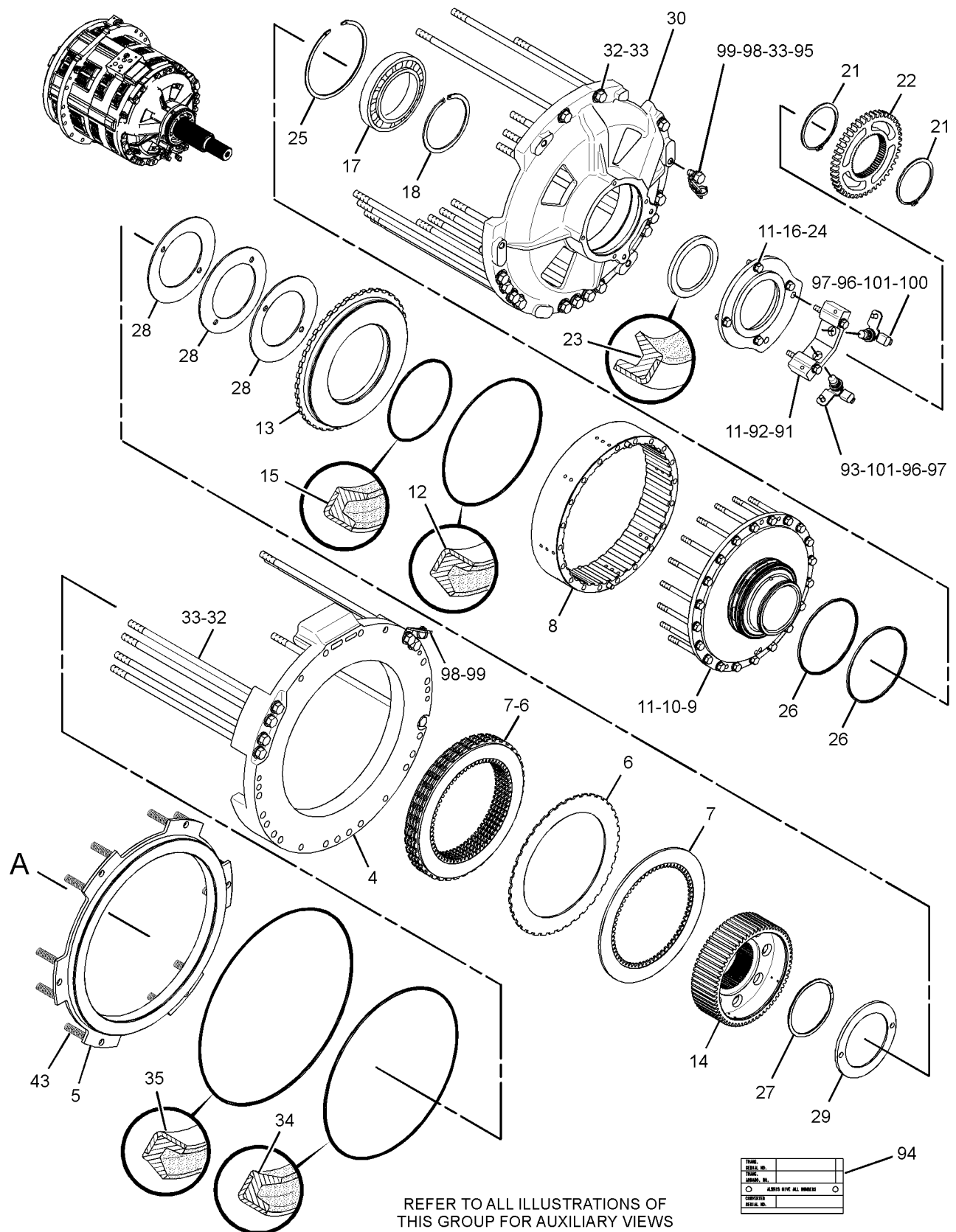
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	99	1, 3	3S-2093	3	STRAP-CABLE	
	100	1	191-8305	1	SENSOR GP-SPEED (TRANSMISSION OUTPUT, LEADING)	
		1	137-6645	1	PAD	
	101	1	117-1385	2	SEAL-O-RING	
	102	4	8E-2729	6	DISC AS-FRICTION	

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

POWER TRAIN

219-3033 PLANETARY GP-TRANSMISSION (contd.)

i03467820



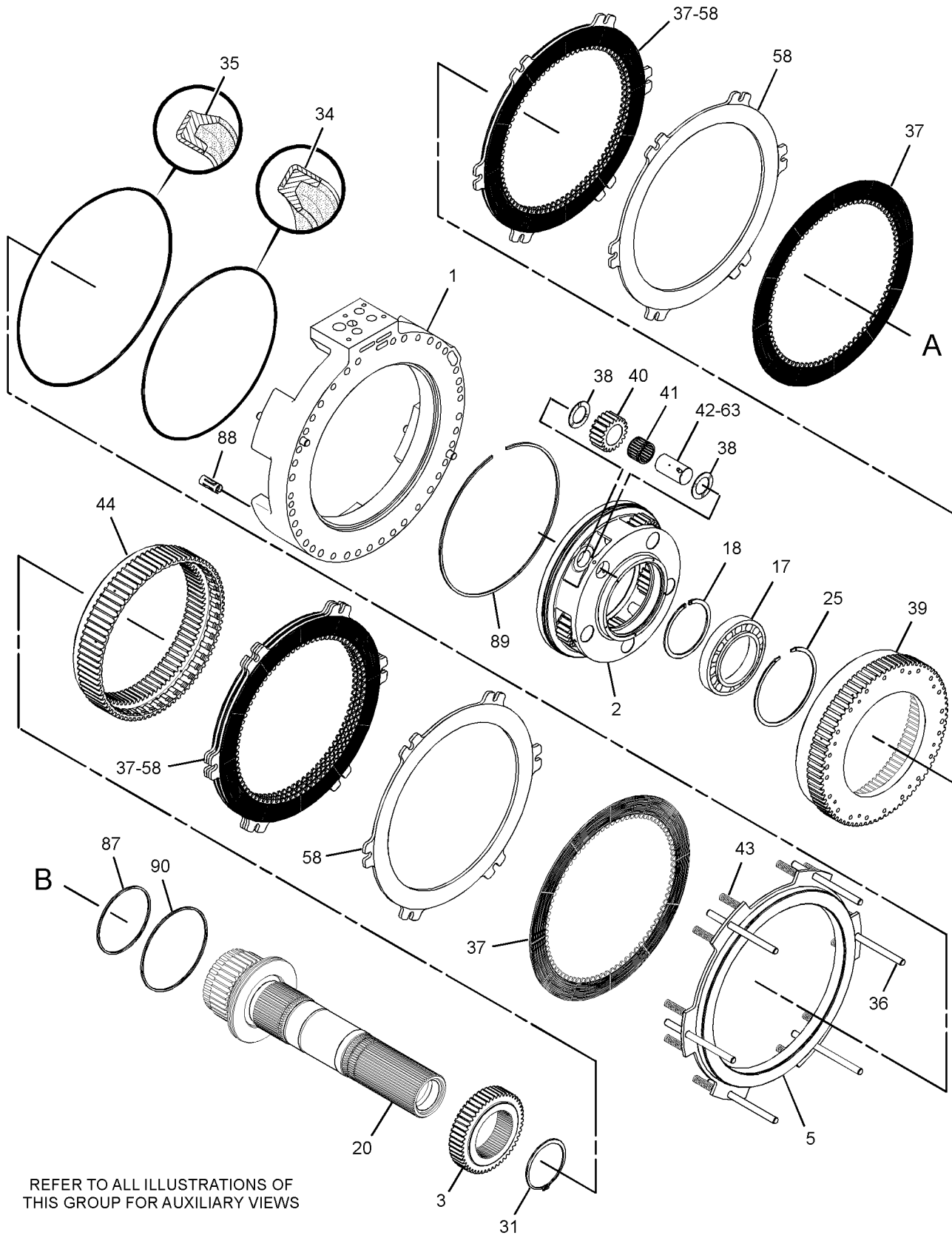
GRAPHIC #1

g01755473

POWER TRAIN

219-3033 PLANETARY GP-TRANSMISSION (contd.)

i03467820



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

GRAPHIC #2

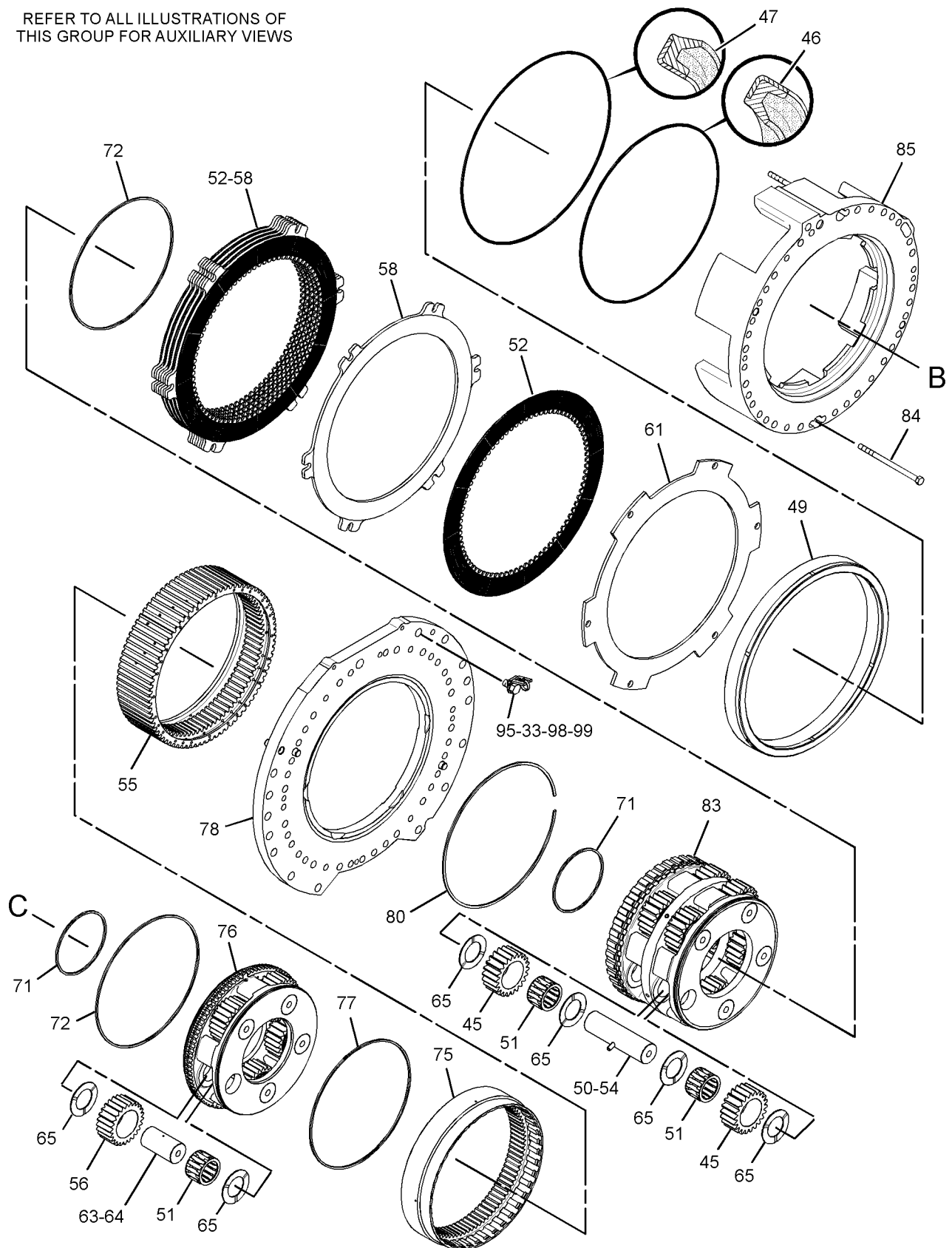
g01755474

POWER TRAIN

219-3033 PLANETARY GP-TRANSMISSION (contd.)

i03467820

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



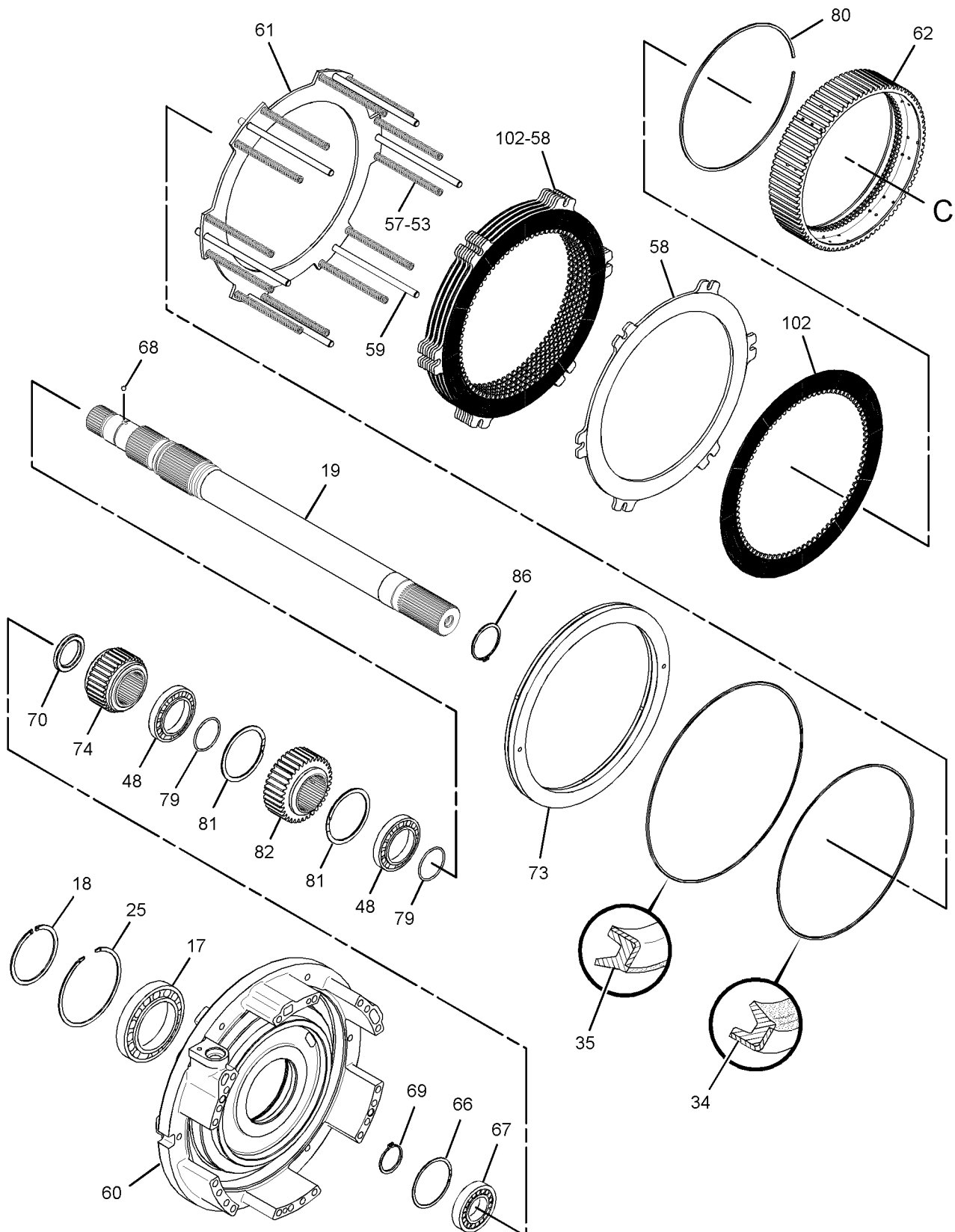
GRAPHIC #3

g01755475

POWER TRAIN

219-3033 PLANETARY GP-TRANSMISSION (contd.)

i03467820



GRAPHIC #4

<END>

g01755476

POWER TRAIN

212-2746 POWER TRAIN AR

S/N: RJG1-UP

PART OF 212-2740 GENERAL AR

SMCS-3000, 4000

i03536294

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	110-2637	1	AXLE GP						543
YR	106-0466	2	CLUTCH & BRAKE GP-STEERING						787
			S/N: RJG1-109						
Y	237-1017	2	CLUTCH & BRAKE GP-STEERING						789
			S/N: RJG110-UP						
Y	232-6622	1	CONTROL & MTG GP-PEDAL (GOVERNOR, BRAKE)						1051
Y	212-0710	1	CONTROL & MTG GP-POWER TRAIN (DIRECTION, SPEED, STEERING)						373
Y	220-5548	1	COUPLING GP-PUMP						550
Y	110-2655	2	DRIVE GP-FINAL						552
Y	213-5172	1	LINES GP-POWER TRAIN OIL						572
Y	122-8682	1	MOUNTING GP-TRANSMISSION						587
Y	173-0245	1	SHAFT GP-DRIVE						610
YR	226-7614	1	TORQUE CONVERTER GP						616
YR	213-5171	1	TRANSMISSION AR						618
Y	221-0867	1	VALVE & MTG GP-STEER & BRAKE						800
R-REMFG PART MAY BE AVAILABLE									
Y-SEPARATE ILLUSTRATION									

<END>

POWER TRAIN

201-8389 PUMP GP-GEAR-POWER TRAIN OIL

S/N: RJG1-UP

4-SECTION

PART OF 213-5172 LINES GP-POWER TRAIN OIL

SMCS-3066, 3115, 5073

i02322909

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5H-4279	1	PLUG-CUP						
	2	1	5P-9439	1	BALL BEARING						
	4	1	7G-2248	1	CAGE-BEARING						
Y	5	1	201-8390	1	PUMP GP-GEAR (POWER TRAIN)						606
	6	1	201-8394	1	PLATE-MOUNTING						
	7	1	206-4475	1	GEAR (25-TEETH)						
	8	1	208-7524	1	SHAFT						
	9	1	234-6928	1	FLANGE						
	11	1	061-9455	2	SEAL-O-RING						
	12	1	0S-1591	4	BOLT (3/8-16X1.5-IN)						
	13	1	0T-0573	1	BOLT (3/8-16X2.75-IN)						
	14	1	111-4919	1	SEAL-LIP TYPE						
	15	1	1B-5675	1	BALL BEARING AS						
	16	1	1B-8714	1	KEY-WOODRUFF						
	17	1	2H-5549	1	RING-RETAINING						
	18	1	2K-0337	1	LOCKNUT (3/4-16-THD)						
	19	1	2M-3974	1	RING-RETAINING						
	20	1	5P-4889	1	SEAL-O-RING						
	21	1	5P-8245	4	WASHER-HARD (13.5X25.5X3-MM THK)						
	22	1	6K-8714	1	WASHER (20X51X3-MM THK)						
	23	1	6L-4784	4	BOLT-12 POINT HEAD (5/16-18X1.56-IN)						
	24	1	6V-1196	1	SEAL-O-RING						
	25	1	7L-7524	1	BOLT (3/8-16X10.25-IN)						
	26	1	7X-0326	1	BOLT (1/2-13X3-IN)						
	27	1	7X-0335	2	BOLT (1/2-13X5.25-IN)						
	28	1	8T-9392	1	BOLT (1/2-13X7.5-IN)						
	29	1	9M-1974	4	WASHER-HARD (8.8X16X2-MM THK)						
B	30	1	1U-8846		SEALANT-GASKET						

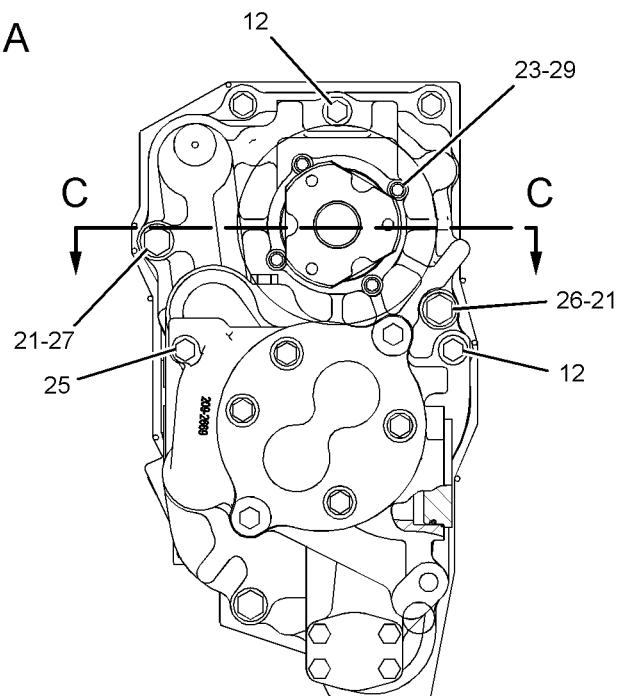
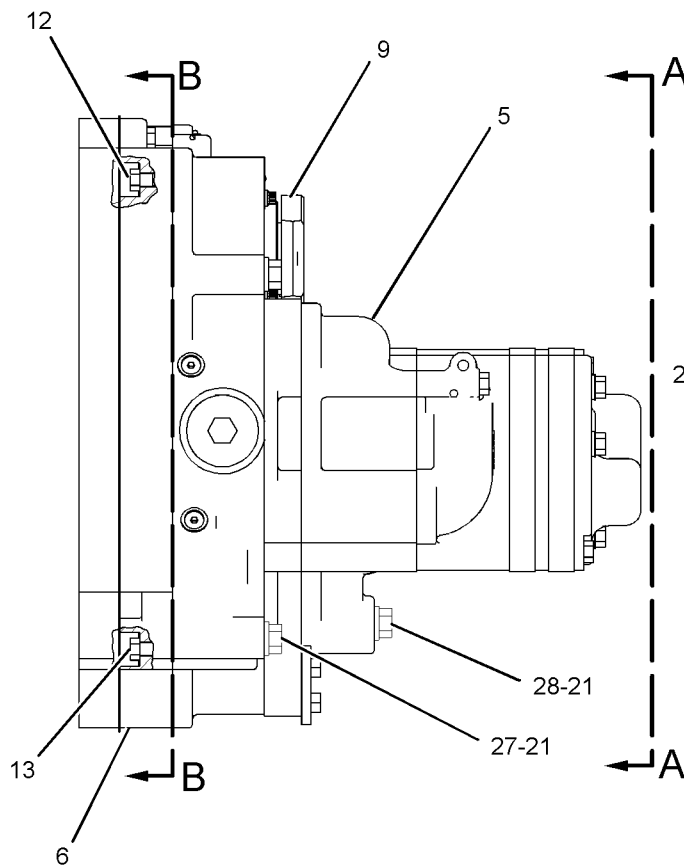
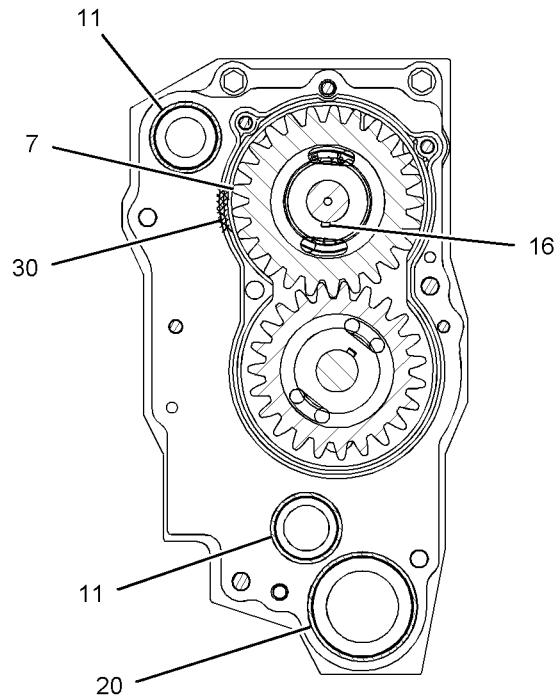
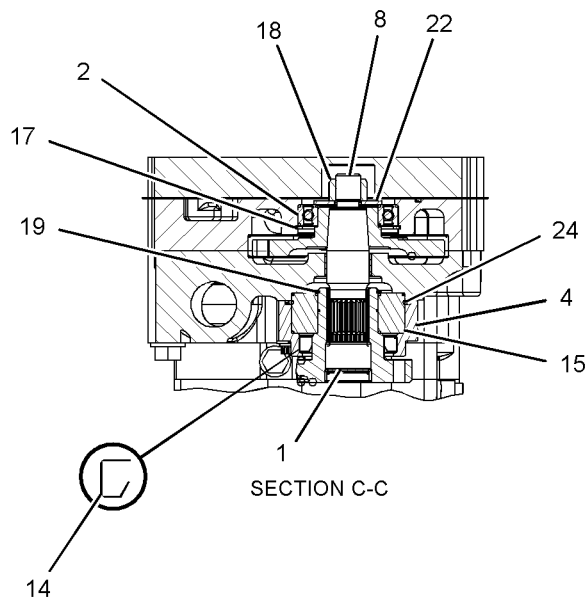
B-USE AS REQUIRED

Y-SEPARATE ILLUSTRATION

POWER TRAIN

201-8389 PUMP GP-GEAR (contd.)

i02322909



GRAPHIC #1

<END>

g01054595

POWER TRAIN

201-8390 PUMP GP-GEAR-POWER TRAIN

S/N: RJG1-UP

4-SECTION

PART OF 201-8389 PUMP GP-GEAR

SMCS-3066, 3115, 5073

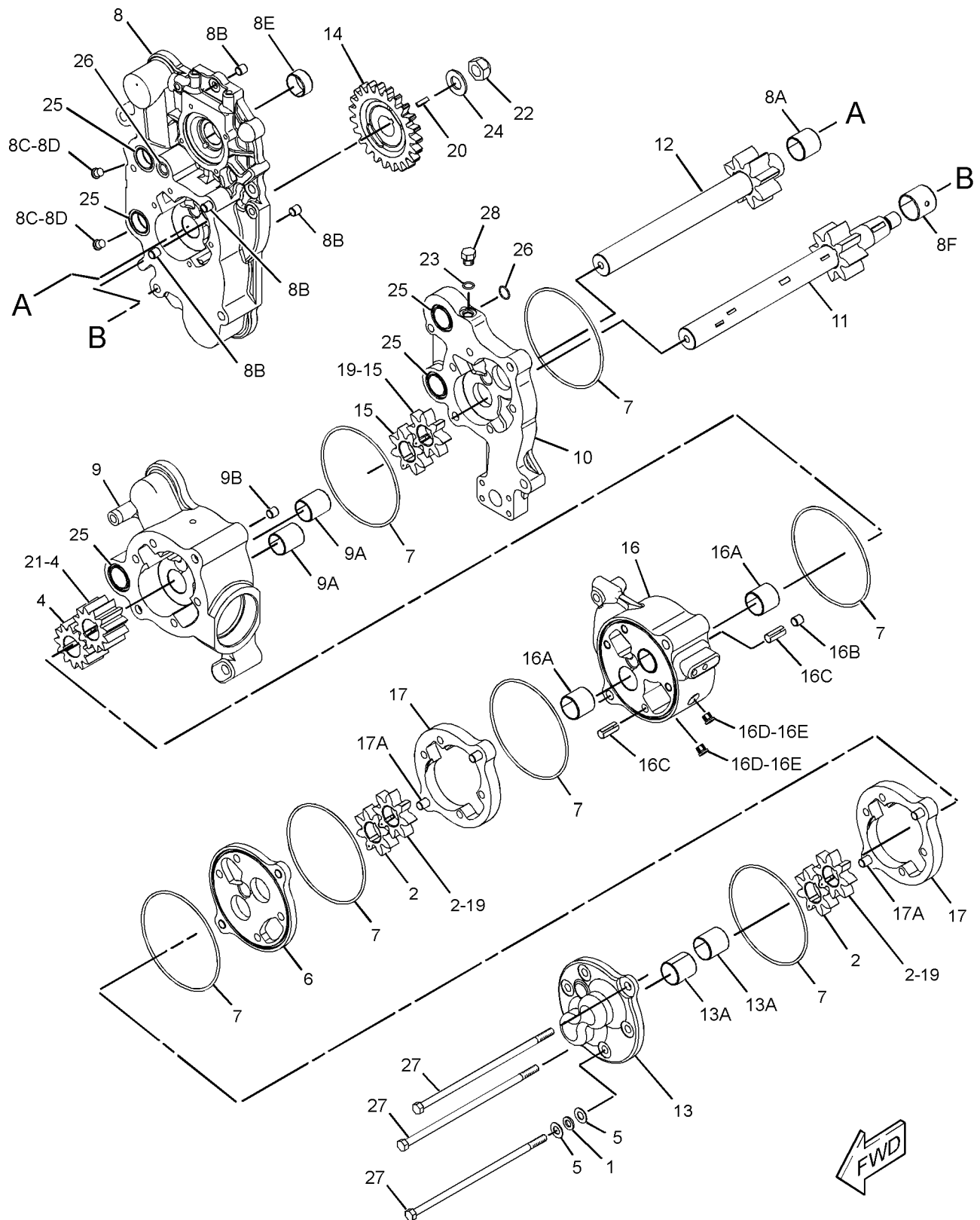
i03536335

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-0004	4	WASHER (0.406X0.728X0.09-IN THK)						
	2	1	3T-3663	4	GEAR (8-TEETH)						
	4	1	9P-8078	2	GEAR (12-TEETH)						
	5	1	9S-1018	8	WASHER (9.73X19.05X0.84-MM THK)						
	6	1	9W-3273	1	SPACER (OIL PUMP)						
	7	1	129-1609	7	SEAL-O-RING						
	8	1	201-8391	1	BODY AS-OIL PUMP						
	8A	1	1M-3780	1	BEARING-SLEEVE						
	8B	1	5M-4987	4	DOWEL						
	8C	1	9S-8002	2	PLUG-O-RING						
	8D	1	9X-7378	2	SEAL-O-RING						
	8E	1	187-0671	1	BEARING-SLEEVE						
	8F	1	209-0792	1	BEARING-SLEEVE						
	9	1	201-8395	1	BODY AS-OIL PUMP						
	9A	1	1M-3909	2	BEARING-SLEEVE						
	9B	1	5M-4987	2	DOWEL						
	10	1	201-8396	1	BODY-OIL PUMP						
	11	1	201-8398	1	GEAR AS (OIL PUMP) (8-TEETH)						
	12	1	201-8401	1	GEAR AS (OIL PUMP) (8-TEETH)						
	13	1	201-8425	1	COVER AS (OIL PUMP)						
	13A	1	131-0167	2	BEARING-SLEEVE						
	14	1	206-4473	1	GEAR (23-TEETH)						
	15	1	208-8899	2	GEAR (8-TEETH)						
	16	1	209-2667	1	CARRIER AS (OIL PUMP)						
	16A	1	5M-3320	4	BEARING-SLEEVE						
	16B	1	5M-4987	2	DOWEL						
	16C	1	6P-3223	6	DAMPER-BOLT						
	16D	1	9S-8002	2	PLUG-O-RING						
	16E	1	9X-7378	2	SEAL-O-RING						
	17	1	231-6565	2	BODY AS (OIL PUMP)						
					(EACH INCLUDES)						
	17A	1	7C-7225	2	SLEEVE (10.8X12.54X27.0-MM)						
	19	1	1B-8705	3	KEY-WOODRUFF						
	20	1	1B-8714	1	KEY-WOODRUFF						
	21	1	2B-9373	1	KEY-WOODRUFF						
	22	1	2K-0337	1	LOCKNUT (3/4-16-THD)						
	23	1	3J-1907	1	SEAL-O-RING						
	24	1	4S-9134	1	WASHER-HARD (20X30X3-MM THK)						
	25	1	5P-4268	5	SEAL-O-RING						
	26	1	5P-6718	1	SEAL-O-RING						
	27	1	7L-7524	6	BOLT (3/8-16X10.25-IN)						
	28	1	9S-4191	1	PLUG-O-RING						

POWER TRAIN

201-8390 PUMP GP-GEAR (contd.)

i03536335



GRAPHIC #1

<END>

g01255098

POWER TRAIN

160-4928 SEGMENT GP-SPROCKET

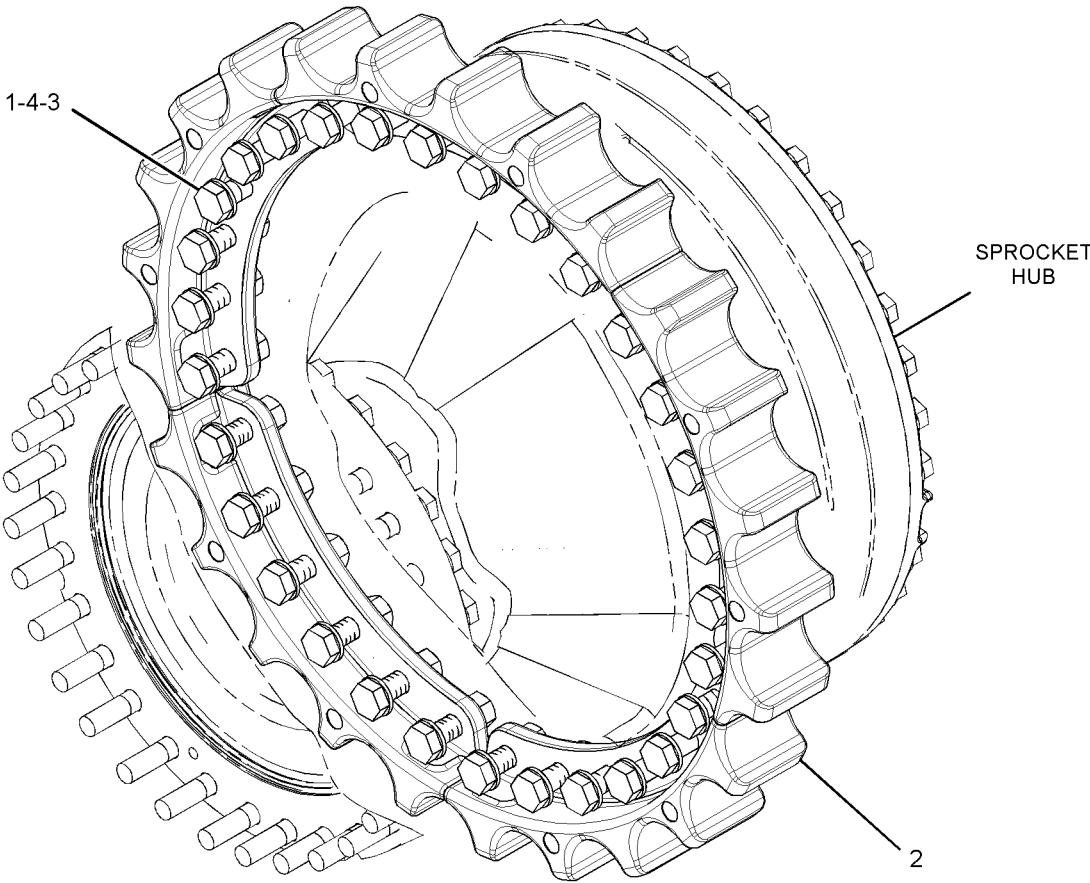
S/N: RJG1-UP

PART OF 110-2655, 110-2780, 192-0722, 282-4029 DRIVE GP-FINAL
ALSO AN ATTACHMENT

SMCS-4155

i02776390

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2M-5656	30	NUT (1-14-THD)						
	2	1	278-2374	5	SEGMENT						
	3	1	5P-5422	30	BOLT (1-14X3.64-IN)						
	4	1	5P-8250	30	WASHER (28X49X5-MM THK)						



GRAPHIC #1

<END>

g01429133

POWER TRAIN

278-2351 SEGMENT GP-SPROCKET-SOUND SUPPRESSION

S/N: RJG1-UP

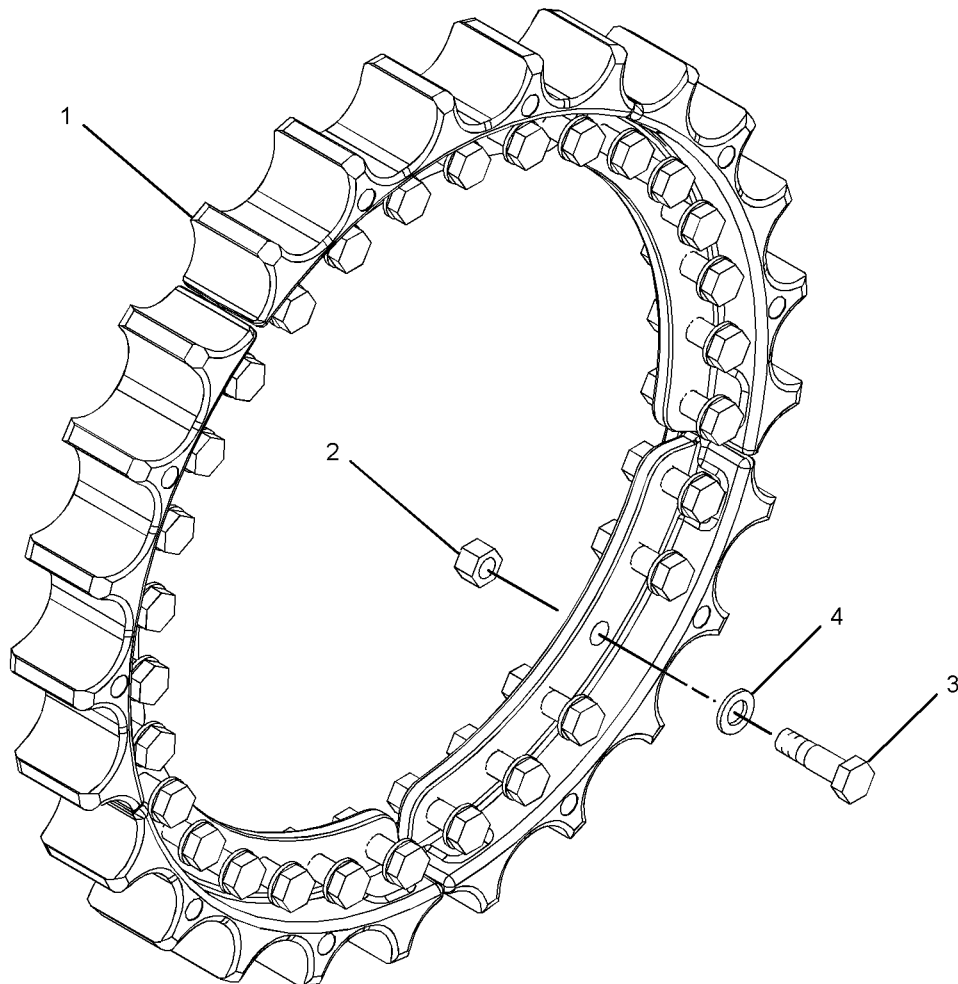
260.35-MM (10.25-IN) PITCH, 25-TOOTH

PART OF 210-1500, 212-2739 SUPPRESSION AR-SOUND
AN ATTACHMENT

SMCS-4155

i02614290

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	278-2352	5	SEGMENT						
	2	1	2M-5656	30	NUT (1-14-THD)						
	3	1	5P-5422	30	BOLT (1-14X3.64-IN)						
	4	1	5P-8250	30	WASHER (28X49X5-MM THK)						



GRAPHIC #1

<END>

g01310266

POWER TRAIN

173-0245 SHAFT GP-DRIVE

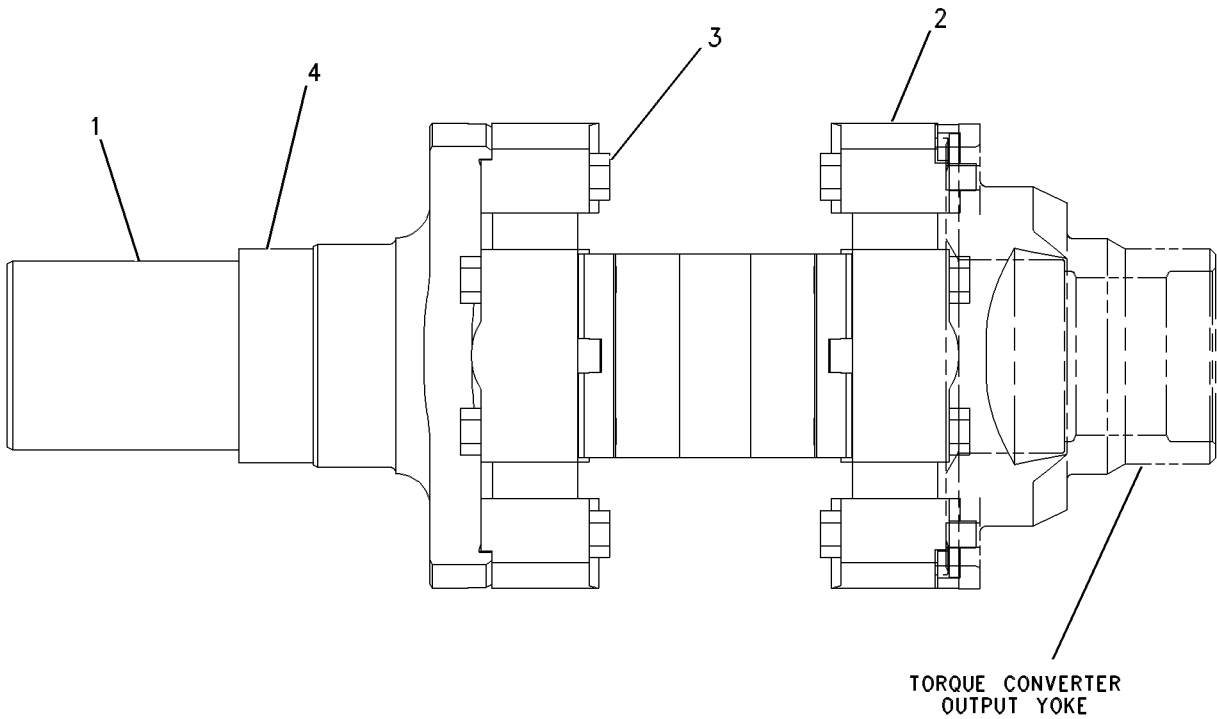
S/N: RJG1-UP

PART OF 212-2746 POWER TRAIN AR

SMCS-3253

i01689320

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	110-9311	1	YOKE AS						
		1	4F-8503	1	PLUG-CUP						
Y	2	1	173-0246	1	UNIVERSAL JOINT GP						619
	3	1	0S-1604	8	BOLT (1/2-20X2.5 IN)						
	4	1	5D-6657	1	RACE						
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g00648254

POWER TRAIN

220-5549 SLIP JOINT GP

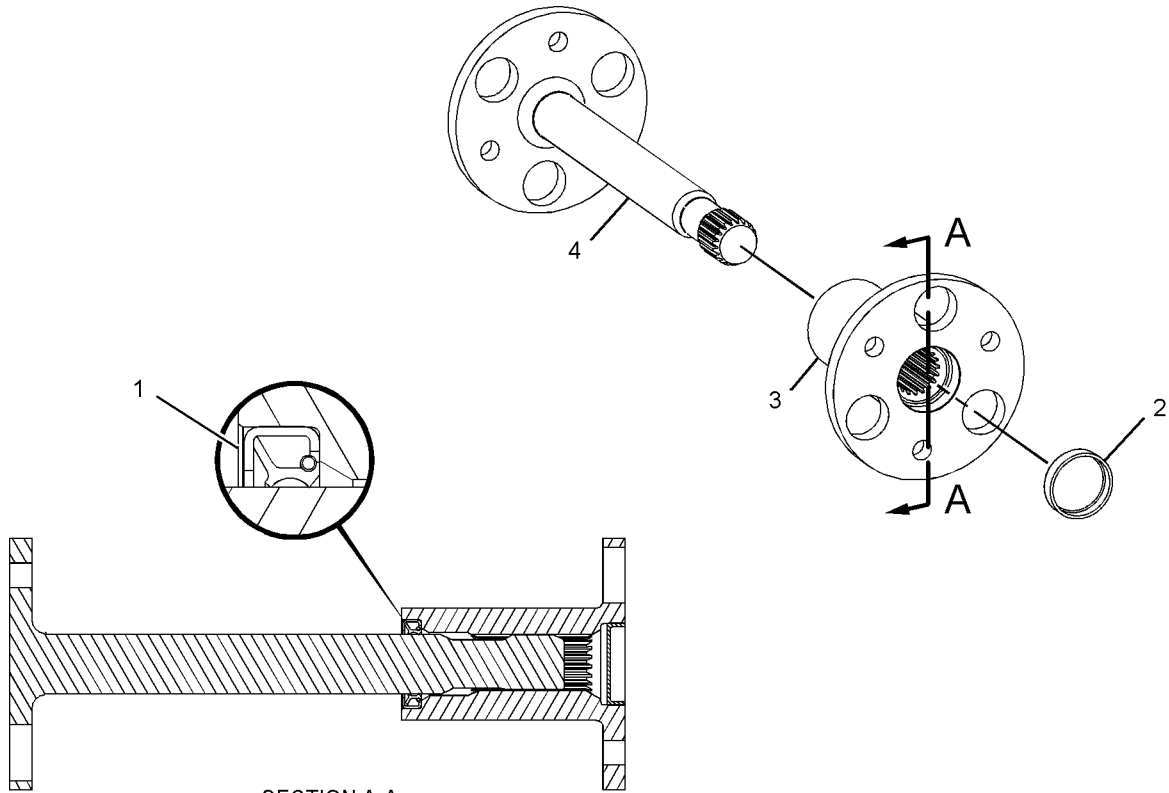
S/N: RJG1-UP

PART OF 220-5548 COUPLING GP-PUMP

SMCS-3251

i02050415

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2J-8333	1	SEAL-LIP TYPE						
	2	1	5H-4279	1	PLUG-CUP						
	3	1	209-3424	1	YOKE						
	4	1	220-5550	1	YOKE						



GRAPHIC #1

g01039052

POWER TRAIN

226-7612 TORQUE CONVERTER GP

S/N: TCK1-UP

PART OF 226-7613 TORQUE CONVERTER GP

SMCS-3101

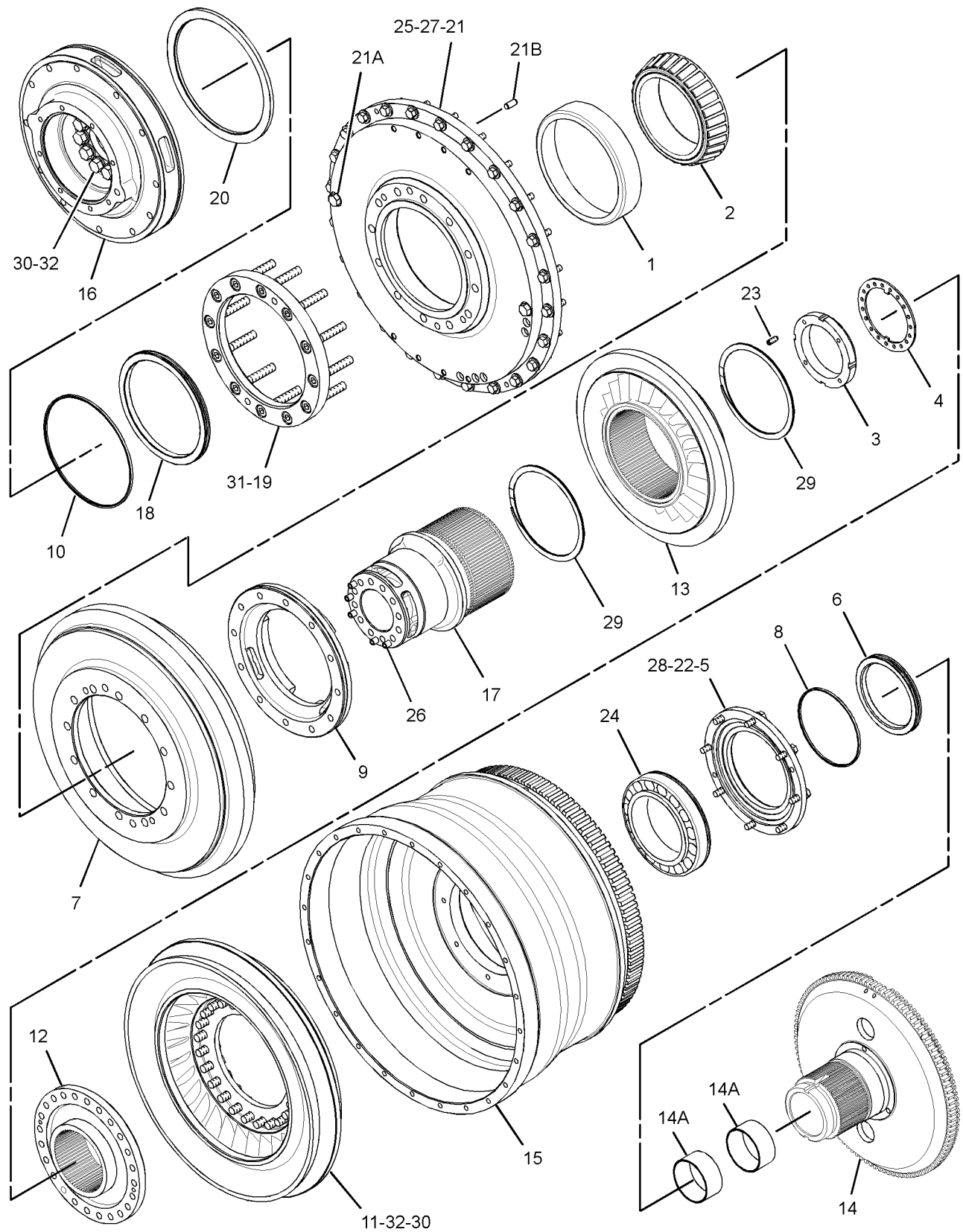
i03469385

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5D-7449	1	CUP-BEARING						
	2	1	5F-1248	1	CONE-BEARING						
	3	1	1T-0229	1	LOCKNUT-BEARING						
	4	1	1T-0242	1	LOCKWASHER-BEARING						
	5	1	6P-3904	1	RETAINER-BEARING						
	6	1	6P-9163	1	CARRIER-RING						
	7	1	6Y-5636	1	IMPELLER-CONVERTER						
	8	1	6Y-5793	1	RING-SEAL						
	9	1	7G-5671	1	HUB-IMPELLER						
	10	1	7G-9922	1	RING-SEAL						
	11	1	7T-6993	1	TURBINE-CONVERTER						
	12	1	8P-6817	1	HUB						
	13	1	8P-9266	1	STATOR-CONVERTER						
	14	1	106-7098	1	FLANGE AS						
	14A	1	1T-0278	2	BEARING-SLEEVE						
	15	1	226-7615	1	HOUSING-ROTATING						
	16	1	226-7617	1	SUPPORT-STATOR						
	17	1	226-7618	1	CARRIER-STATOR						
	18	1	242-8030	1	CARRIER-SEAL						
	19	1	242-8031	1	SLEEVE-WEAR						
	20	1	242-8033	1	PLATE-THRUST						
	21	1	324-9852	1	FLANGE GP (TORQUE CONVERTER)						
	21A	1	9S-4191	2	PLUG-O-RING						
		1	033-6042	2	SEAL-O-RING						
		1	324-9851	1	FLANGE						
	21B	1	9M-4007	2	DOWEL						
	22	1	1A-2029	8	BOLT (3/8-16X1.125-IN)						
	23	1	1T-0241	1	SETSCREW (5/16-18X0.75-IN)						
	24	1	1T-0610	1	BALL BEARING						
	25	1	1T-0689	24	WASHER (9.93X22.22X2.54-MM THK)						
	26	1	2L-3650	5	PIN-SPRING						
	27	1	3B-1915	24	BOLT (3/8-16X1.375-IN)						
	28	1	5M-2894	8	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	29	1	5P-6393	2	RING-RETAINING						
	30	1	5P-8245	36	WASHER-HARD (13.5X25.5X3-MM THK)						
	31	1	5S-2389	12	BOLT-SOCKET HEAD (1/2-13X2.75-IN)						
	32	1	6H-1717	36	BOLT (1/2-13X1.125-IN)						

POWER TRAIN

226-7612 TORQUE CONVERTER GP (contd.)

i03469385



GRAPHIC #1

<END>

g01832133

POWER TRAIN

226-7613 TORQUE CONVERTER GP

S/N: TCK1-UP

PART OF 226-7614 TORQUE CONVERTER GP

SMCS-3101

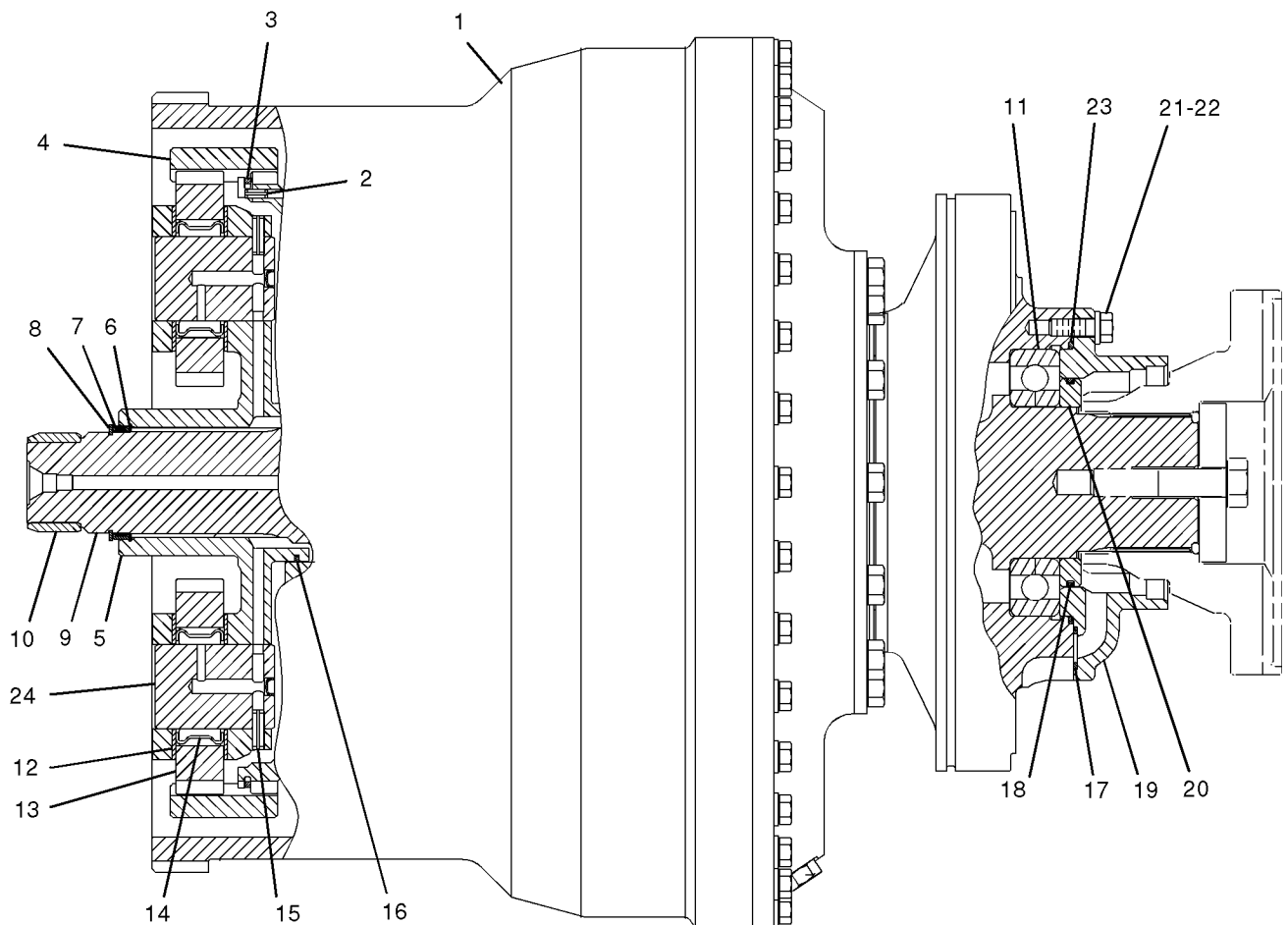
i02640507

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	226-7612	1	TORQUE CONVERTER GP	612
	2	1	5H-8985	2	PIN-SPRING	
	3	1	9M-2076	1	RING-SNAP	
	4	1	9M-2074	1	GEAR-RING (106-TEETH)	
	5	1	106-7099	1	CARRIER-PLANETARY	
	6	1	6L-6560	1	RING-RETAINING	
	7	1	9P-4057	1	SPACER (58X63.5X9.08-MM THK)	
	8	1	8J-8322	1	RING-RETAINING	
	9	1	294-3370	1	SHAFT AS	
		1	5J-7386	1	PLUG-ORIFICE	
	10	1	5P-5405	1	RACE-BEARING INNER	
	11	1	6V-9176	1	BALL BEARING	
	12	1	8E-8316	6	DISC-THRUST	
	13	1	7G-5622	3	GEAR-PLANETARY (35-TEETH)	
	14	1	1S-9110	3	ROLLER AS	
	15	1	3S-2708	3	PIN-SPRING	
	16	1	1T-0141	1	RING-METAL SEAL	
	17	1	7L-9061	1	SEAL-O-RING	
	18	1	6Y-5888	1	RING-SEAL	
	19	1	226-7619	1	RETAINER-BEARING	
	20	1	8P-5056	1	CARRIER-RING	
	21	1	1A-2029	8	BOLT (3/8-16X1.125-IN)	
	22	1	5M-2894	8	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	23	1	6V-5553	1	SEAL-O-RING	
	24	1	6P-3901	3	SHAFT AS	
					(EACH INCLUDES)	
		1	2A-3746	1	PLUG-CUP	
		1	6P-3902	1	SHAFT-PLANETARY	
Y-SEPARATE ILLUSTRATION						

POWER TRAIN

226-7613 TORQUE CONVERTER GP (contd.)

i02640507



GRAPHIC #1

<END>

g01055307

POWER TRAIN

226-7614 TORQUE CONVERTER GP*R

S/N: RJG1-UP

PART OF 212-2746 POWER TRAIN AR

SMCS-3101

i02052128

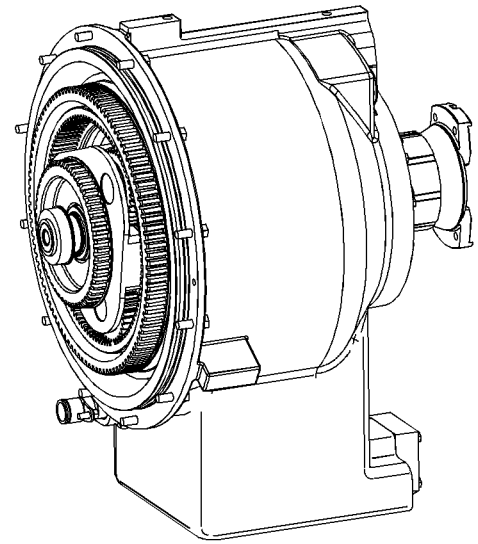
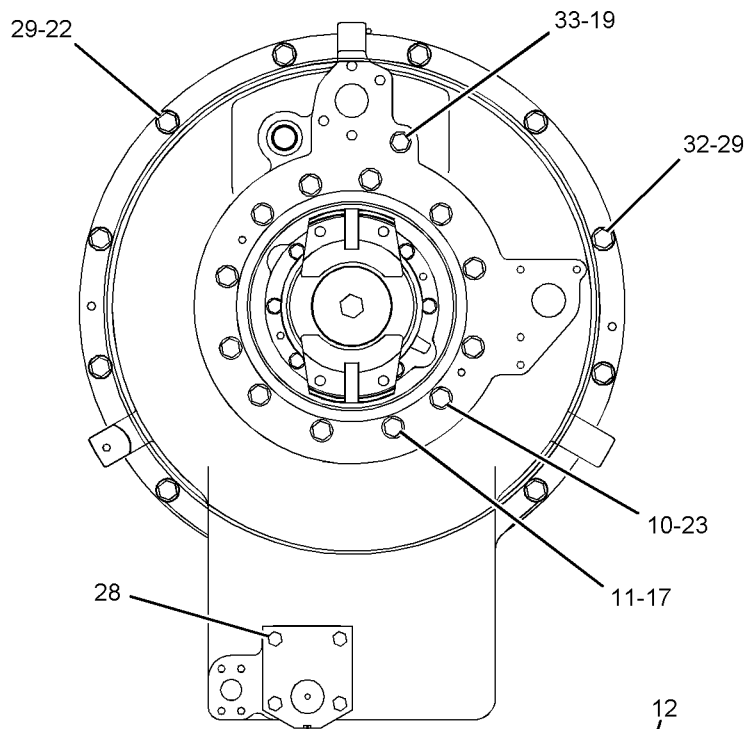
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6P-8339	1	LOCK						
	2	1	6P-8340	1	SLEEVE						
	3	1	8E-7838	1	GEAR-SUN (35-TEETH)						
	4	1	8S-9130	1	SCREEN-SUCTION (TORQUE CONVERTER OIL)						
	5	1	9S-4372	1	RETAINER						
Y	6	1	106-4150	1	DRAIN GP-ECOLOGY (TORQUE CONVERTER)						551
	7	1	174-3777	1	YOKE						
	8	1	226-7610	1	COVER						
Y	9	1	226-7613	1	TORQUE CONVERTER GP						614
	10	1	0S-1585	11	BOLT (1/2-13X1.5-IN)						
	11	1	0S-1587	1	BOLT (1/2-13X1.75-IN)						
	12	1	117-7127	1	SEAL-LIP TYPE						
	13	1	165-4852	2	SEAL-O-RING						
	14	1	165-4854	2	SEAL-O-RING						
	15	1	1B-4367	1	BOLT (5/8-11X3-IN)						
	16	1	2K-5254	1	BEARING-OUTER						
	17	1	2M-0849	1	WASHER-HARD (13.5X25.5X5-MM THK)						
	18	1	3D-8241	1	SEAL-O-RING						
	19	1	3J-1907	1	SEAL-O-RING						
	20	1	3P-0653	1	SEAL-O-RING						
	21	1	4M-8910	1	RING-RETAINING						
	22	1	5P-2566	11	BOLT (1/2-13X1.5-IN)						
	23	1	5P-8245	11	WASHER-HARD (13.5X25.5X3-MM THK)						
	24	1	5S-7379	1	BOLT (3/8-16X0.875-IN)						
	25	1	6V-1196	1	SEAL-O-RING						
	26	1	7X-2623	1	RING-RETAINING						
	27	1	8E-8994	1	SEAL-RING						
	28	1	8T-2501	4	BOLT (3/8-16X2-IN)						
	29	1	8T-4223	12	WASHER-HARD (13.5X25.5X3-MM THK)						
	30	1	8T-4896	1	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	31	1	8T-6762	1	PLUG-PIPE						
	32	1	8T-8919	1	BOLT (1/2-13X1.75-IN)						
	33	1	9S-4191	1	PLUG-O-RING						

Y-SEPARATE ILLUSTRATION

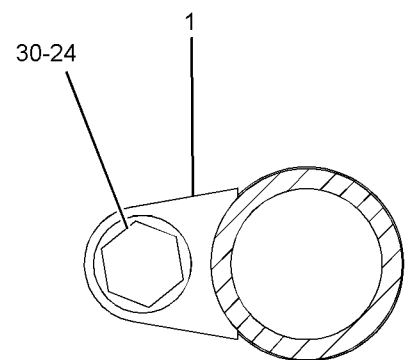
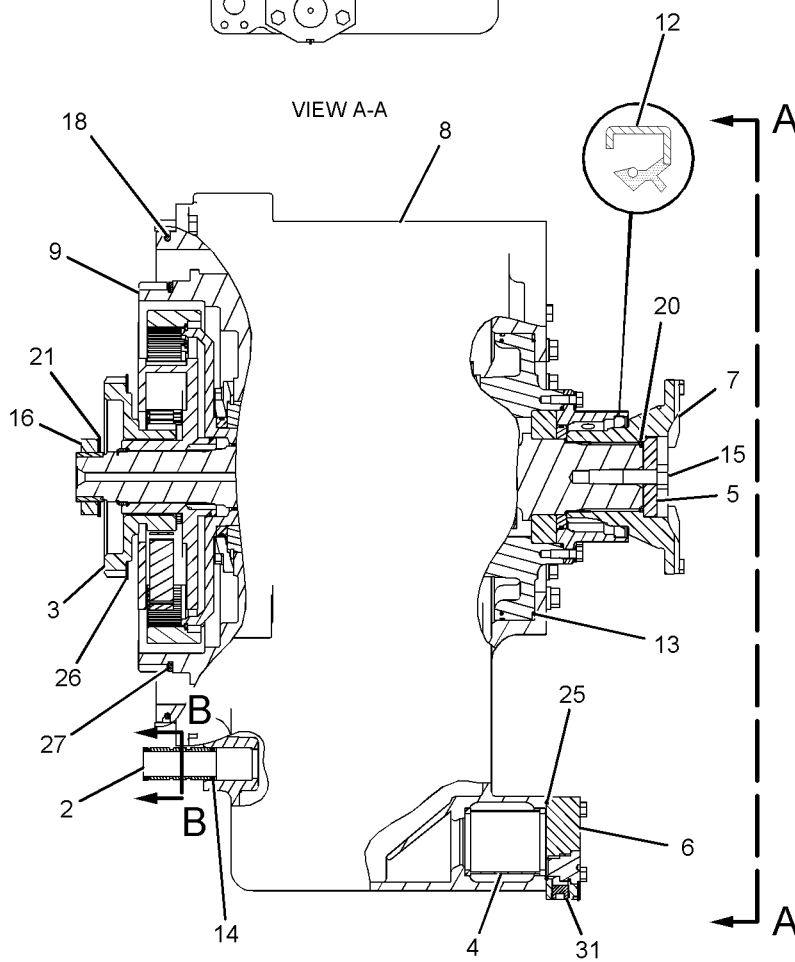
POWER TRAIN

226-7614 TORQUE CONVERTER GP (contd.)

i02052128



ISOMETRIC VIEW



SECTION B-B

GRAPHIC #1

<END>

g01055906

POWER TRAIN

213-5171 TRANSMISSION AR*R

S/N: DRL1-UP

PART OF 212-2746 POWER TRAIN AR

SMCS-3030

i03536336

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	172-2263	1	CASE & PARTS GP-PLANETARY						544
Y	219-3034	1	CONTROL GP-TRANSMISSION HYD						546
Y	213-5173	1	GEAR GP-BEVEL & TRANSFER						570
Y	219-3033	1	PLANETARY GP-TRANSMISSION						588
	283-9854	1	HARNESS AS-TRANSMISSION						
	154-3172	1	PLUG AS (14-PIN)						
	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
			(INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
	102-8801	1	KIT-RECEPTACLE (12-PIN)						
			(INCLUDES RECEPTACLE AS & WEDGE)						
Y-SEPARATE ILLUSTRATION									

<END>

POWER TRAIN

173-0246 UNIVERSAL JOINT GP

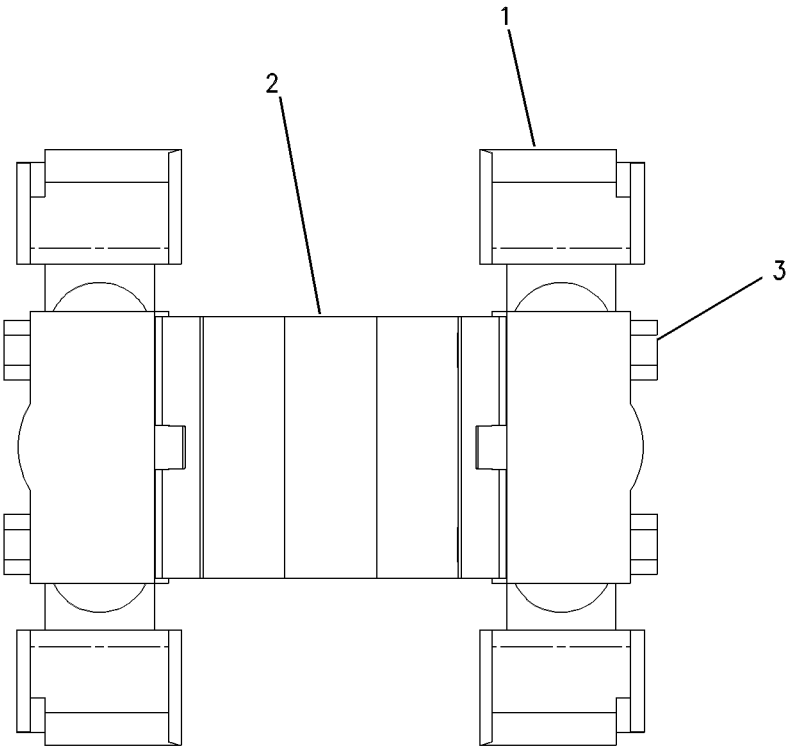
S/N: RJG1-UP

PART OF 173-0245 SHAFT GP-DRIVE

SMCS-3251, 3253

i01689398

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	8W-9912	2	SPIDER & BEARING GP	
	2	1	173-0247	1	YOKE-COUPLING	
	3	1	OS-1604	8	BOLT (1/2-20X2.5-IN)	



GRAPHIC #1

<END>

g00648256

POWER TRAIN

244-3114 VALVE GP-MODULATING-TRANSMISSION CLUTCH

S/N: DRL1-UP

24-VOLT

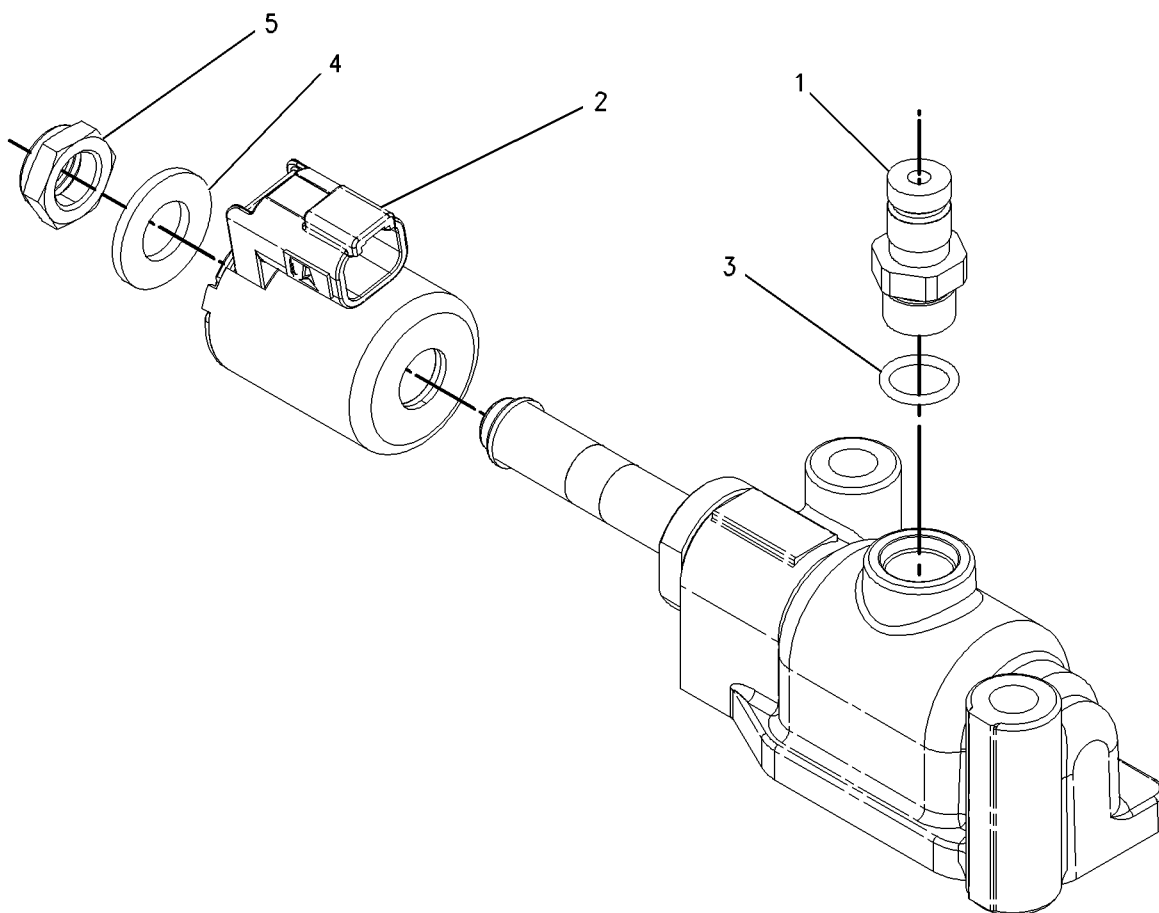
PART OF 219-3034 CONTROL GP-TRANSMISSION HYD

SMCS-3139

i03435880

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6V-3965	1	FITTING (QUICK DISCONNECT)						
	2	1	323-9531	1	COIL AS						
	3	1	214-7568	1	SEAL-O-RING						
	4	1	164-2108	1	WASHER (13.03X25.4X2.38-MM THK)						
	5	1	218-2373	1	NUT (1/2-28-THD)						

PARTS SHOWN IN GRAPHIC(S) WITHOUT A REFERENCE NUMBER ARE NOT SERVICED SEPARATELY



GRAPHIC #1

<END>

g00919065

POWER TRAIN

217-5393 VALVE GP-RELIEF-TORQUE CONVERTER OUTLET

S/N: RJG1-UP

PART OF 213-5172 LINES GP-POWER TRAIN OIL

SMCS-3133, 3182

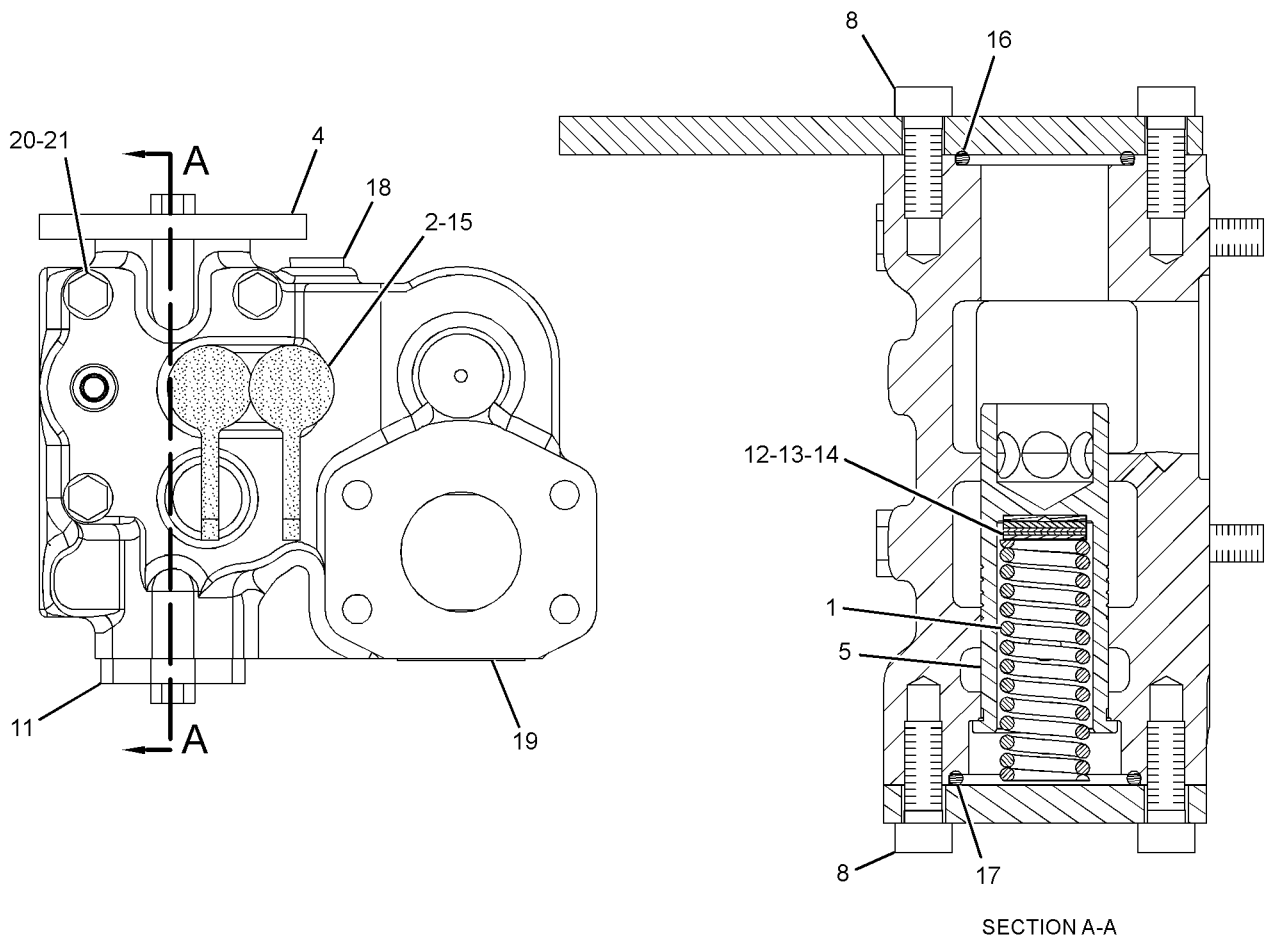
i03017247

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1W-9860	1	SPRING						
	2	1	6V-0852	2	CAP-DUST						
	4	1	8E-6927	1	PLATE						
	5	1	193-5463	1	SPOOL						
	8	1	0S-1594	4	BOLT (3/8-16X1-IN)						
	11	1	4M-8239	1	COVER						
B	12	1	5M-9622	2	SHIM (1.6-MM THK)						
B	13	1	5M-9623	3	SHIM (0.9-MM THK)						
B	14	1	5M-9624	1	SHIM (0.25-MM THK)						
	15	1	164-5567	2	COUPLER AS-QUICK DISCONNECT						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-3965	1	FITTING (QUICK DISCONNECT)						
	16	1	8M-4986	1	SEAL-O-RING						
	17	1	8M-4992	1	SEAL-O-RING						
	18	1	8T-6762	1	PLUG-PIPE						
	19	1	183-3902	1	PLUG AS						
		1	9S-8010	1	PLUG						
		1	183-2317	1	SEAL-O-RING						
	20	1	7X-0290	3	BOLT (3/8-16X3.5-IN)						
	21	1	8T-4896	3	WASHER-HARD (10.2X18.5X2.5-MM THK)						
B-USE AS REQUIRED											

POWER TRAIN

217-5393 VALVE GP-RELIEF (contd.)

i03017247



GRAPHIC #1

<END>

g01572456

POWER TRAIN

232-3374 VALVE GP-RELIEF-LUBRICATION DISTRIBUTION

S/N: RJG1-UP

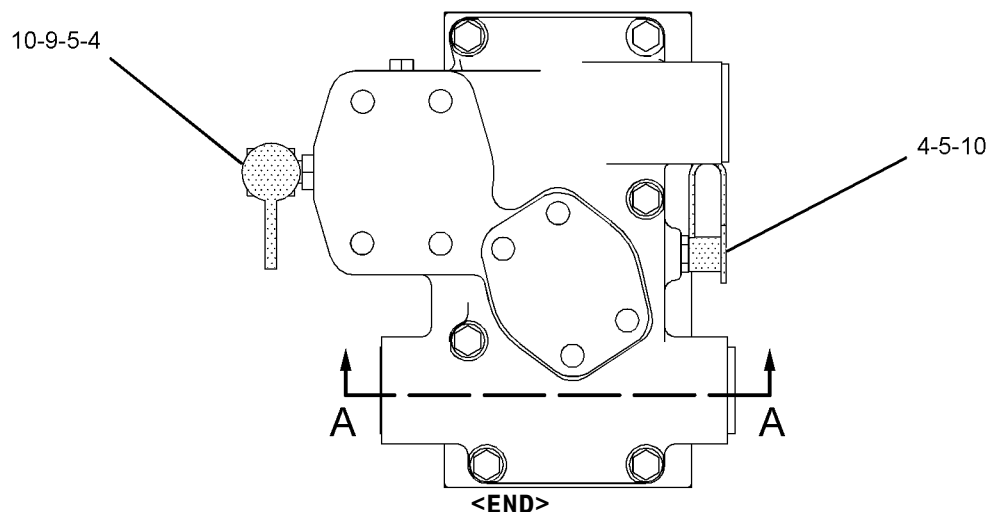
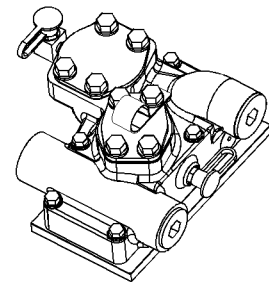
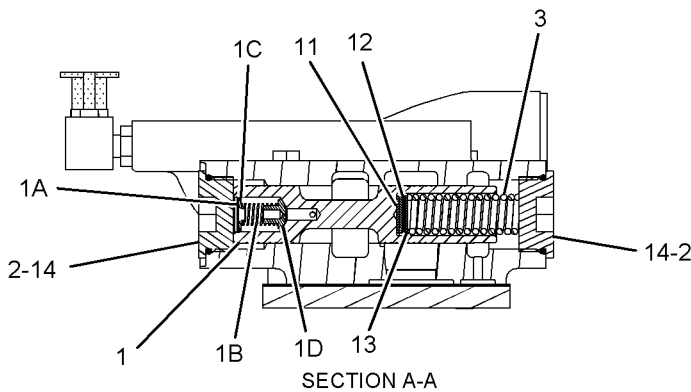
PART OF 213-5172 LINES GP-POWER TRAIN OIL

SMCS-3133, 3182

i02050395

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2P-4538	1	SPOOL AS-RELIEF						
	1A	1	1L-3162	1	RING-RETAINING						
	1B	1	5M-9548	1	SPRING						
	1C	1	8M-2537	1	RETAINER						
	1D	1	9M-4313	1	POPPET						
	2	1	2S-4078	2	SEAL-O-RING						
	3	1	3P-0246	1	SPRING						
	4	1	6V-0852	2	CAP-DUST						
	5	1	6V-3965	2	FITTING (QUICK DISCONNECT)						
	9	1	085-7356	1	FITTING						
	10	1	3J-1907	3	SEAL-O-RING						
B	11	1	5M-9622	2	SHIM (1.6-MM THK)						
B	12	1	5M-9623	3	SHIM (0.9-MM THK)						
B	13	1	5M-9624	1	SHIM (0.25-MM THK)						
	14	1	9S-8010	2	PLUG						

B-USE AS REQUIRED



GRAPHIC #1

g01054186

MEMORANDA

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	108		280		118		604
	136	OS-1573	106		134	OT-0768	116
	138	OS-1585	60		136	OT-0772	118
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	146		616		141		
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