

Parts Manual



See "General Information"
for New Parts Manual
Features.

988H Wheel Loader

BXY1-Up (Machine)
RHX1-Up (Engine)
DRT1-Up (Transmission)
SMA1-Up (Transmission)
6AT1-Up (Torque Converter)
TCR1-Up (Torque Converter)

Powered By C18 Engine

This Parts Manual is also Available in .PDF Format on Compact Disc(CD-ROM)-Caterpillar Form No. SERP3906

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.

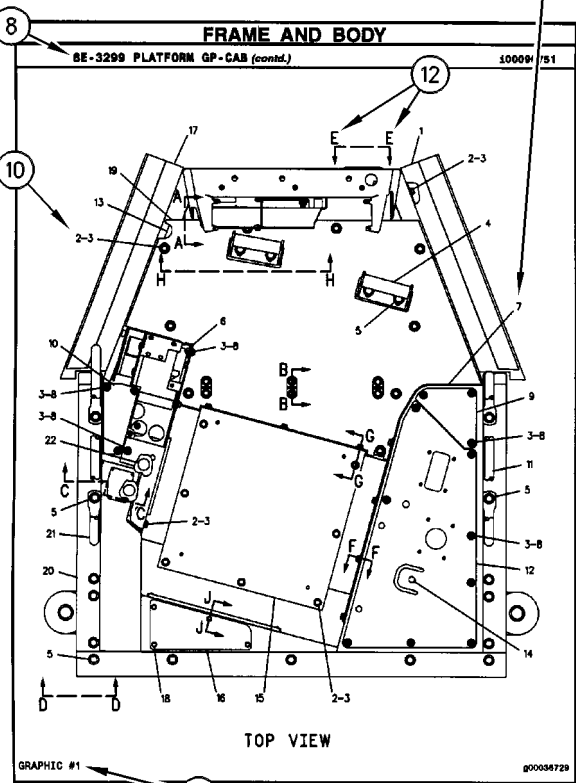
GENERAL INFORMATION

FRAME AND BODY					
8E-3299 PLATFORM GP-CAB					
PIN 38X1-99999					
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME
	1		31-2003	1	PLATE AS
	2		8E-3299	25	BOLT (3/8-18X.750IN)
	3		8E-1078	41	WASHER-HARD (3MM THK)
	4		8E-1444	2	SUPPORT AS-FOOT
	5		7E-2229	19	BOLT (1/2-13X1IN)
	6		7E-2229	19	WASHER-HARD (4MM THK)
	7		8E-8126	1	COVER AS-LH
	8		8E-8978	6	NUT-WELD (3/8-16 THD)
	9		17-8189	1	CLIP
	10		7E-3411	4	COVER
	11		84-8488	18	SCREW-HEAD (3/8-18X.875IN)
	12		8E-8974	1	COVER
	13		8E-8974	1	COVER
	14		8E-8974	1	COVER
	15		8E-8974	1	COVER
	16		8E-8974	1	COVER
	17		8E-8974	1	COVER
	18		8E-8974	1	COVER
	19		8E-8974	1	COVER
	20		8E-8974	1	COVER
	21		8E-8974	1	COVER
	22		8E-8974	1	COVER
	23		8E-8974	1	COVER
	24		8E-8974	1	COVER
	25		8E-8974	1	COVER
	26		8E-8974	1	COVER
	27		8E-8974	1	COVER
	28		8E-8974	1	COVER
	29		8E-8974	1	COVER
	30		8E-8974	1	COVER
	31		8E-8974	1	COVER
	32		8E-8974	1	COVER
	33		8E-8974	1	COVER
	34		8E-8974	1	COVER
	35		8E-8974	1	COVER
	36		8E-8974	1	COVER
	37		8E-8974	1	COVER
	38		8E-8974	1	COVER
	39		8E-8974	1	COVER
	40		8E-8974	1	COVER

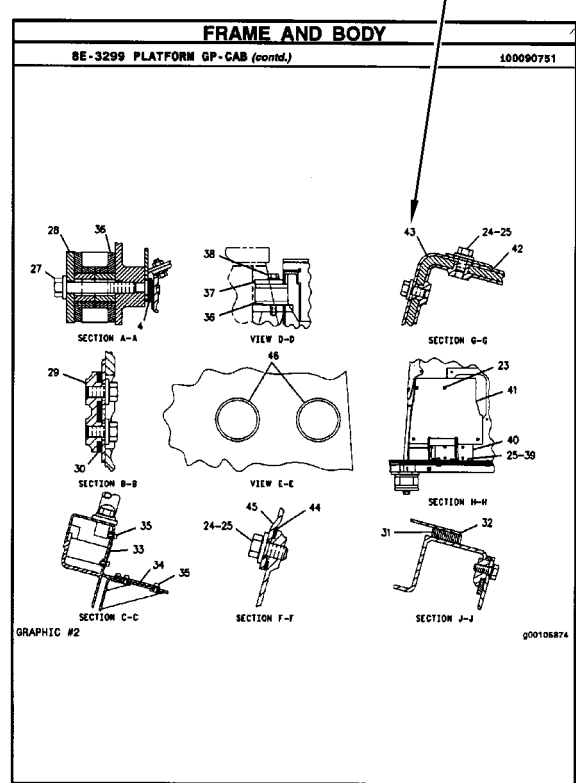
12 FRAME AND BODY 1 OF 4 SELF 170-01

FRAME AND BODY					
8E-3299 PLATFORM GP-CAB (contd.)					
100090751					
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME
	41		8E-8916	1	COVER
	42		77-8124	1	PLATE
	43		77-8128	1	GASKET
	44		78-8724	1	GASKET
	45		78-8728	1	COVER
	46		8E-1002	2	PLUG-BUTTON
M-METRIC PART					

SELF4870-01 2 OF 4 FRAME AND BODY 13



14 FRAME AND BODY 3 OF 4 SELF4870-01



SELF4870-01 4 OF 4 FRAME AND BODY 15

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)	106-3969	1	AIR CLEANER GP	202
FILTER ELEMENT AS-AIR (SECONDARY)	106-3973	1	AIR CLEANER GP	202
BASIC ENGINE				
BELT-SERPENTINE	190-6560	1	BELT TENSIONER GP	33
PLUG-DRAIN (ENGINE OIL PAN)	109-5839	1	PAN GP-OIL	107
		1	PAN GP-OIL	109
SEAL-VALVE COVER	242-9537	1	COVER GP-VALVE MECHANISM	41
		1	COVER GP-VALVE MECHANISM	43
		1	COVER GP-VALVE MECHANISM	44
		1	COVER GP-VALVE MECHANISM	46
COOLING SYSTEM				
CAP-PRESSURE (7-PSI) (RADIATOR)	6L-8617	1	LINES GP-WATER	167
		1	LINES GP-WATER	170
		1	LINES GP-WATER	173
		1	LINES GP-WATER	176
GASKET-REGULATOR (HOUSING) (WATER TEMPERATURE)	139-3550	1	LINES GP-WATER	184
GASKET-REGULATOR (HOUSING) (WATER, COOLANT TEMPERATURE)	139-3550	1	LINES GP-WATER	179
HOSE	106-4572	5	RADIATOR GP	190
		6	RADIATOR GP	194
PLUG-DRAIN	6N-9590	1	VALVE GP-RADIATOR DRAIN	198
REGULATOR-TEMPERATURE (92-DEG C) (COOLANT)	248-5513	2	LINES GP-WATER	179
REGULATOR-TEMPERATURE (92-DEG C) (WATER)	248-5513	2	LINES GP-WATER	184
ELECTRICAL AND STARTING SYSTEM				
BATTERY GP (12-VOLT, MAINTENANCE FREE, WET)	115-2422	4	BATTERY & WIRING GP	279
		4	BATTERY & WIRING GP	283
		4	BATTERY & WIRING GP	287
BELT-DRIVE	9X-8139	1	LAMP GP-WARNING BEACON	344
CAP AS-FILLER (BATTERY)	123-1373	6	BATTERY & WIRING GP	279
		6	BATTERY & WIRING GP	283
		6	BATTERY & WIRING GP	287
CIRCUIT BREAKER AS (10-AMPERE) (KEY SWITCH)	6T-3642	1	WIRING GP-ELECTRONICS BAY	534
		1	WIRING GP-ELECTRONICS BAY	542
		1	WIRING GP-ELECTRONICS BAY	549
		1	WIRING GP-ELECTRONICS BAY	555
		1	WIRING GP-ELECTRONICS BAY	561
		1	WIRING GP-ELECTRONICS BAY	568
		1	WIRING GP-ELECTRONICS BAY	576
CIRCUIT BREAKER AS (105-AMPERE) (MAIN)	171-2212	1	WIRING GP-ELECTRONICS BAY	534
		1	WIRING GP-ELECTRONICS BAY	542
		1	WIRING GP-ELECTRONICS BAY	549
		1	WIRING GP-ELECTRONICS BAY	555
		1	WIRING GP-ELECTRONICS BAY	560

MAINTENANCE PARTS

DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE
CIRCUIT BREAKER AS (15-AMPERE) (ENGINE ECM)	6T-3643	1	WIRING GP-ELECTRONICS BAY	566
		1	WIRING GP-ELECTRONICS BAY	574
		1	WIRING GP-ELECTRONICS BAY	534
		1	WIRING GP-ELECTRONICS BAY	542
		1	WIRING GP-ELECTRONICS BAY	549
CIRCUIT BREAKER AS (15-AMPERE) (RUNNING LIGHTS)	3T-2662	1	WIRING GP-ELECTRONICS BAY	555
		1	WIRING GP-ELECTRONICS BAY	561
		1	WIRING GP-ELECTRONICS BAY	568
		1	WIRING GP-ELECTRONICS BAY	576
		1	WIRING GP-ELECTRONICS BAY	534
CIRCUIT BREAKER AS (20-AMPERE) (ROOF MOUNTED AIR CONDITIONER)	6T-3644	1	WIRING GP-ELECTRONICS BAY	542
		1	WIRING GP-ELECTRONICS BAY	549
		1	WIRING GP-ELECTRONICS BAY	555
		1	WIRING GP-ELECTRONICS BAY	560
		1	WIRING GP-ELECTRONICS BAY	568
CIRCUIT BREAKER AS (40-AMPERE) (ALTERNATOR)	171-2205	1	WIRING GP-ELECTRONICS BAY	576
		1	WIRING GP-ELECTRONICS BAY	534
		1	WIRING GP-ELECTRONICS BAY	542
		1	WIRING GP-ELECTRONICS BAY	549
		1	WIRING GP-ELECTRONICS BAY	554
CIRCUIT BREAKER AS (40-AMPERE) (START RELAY)	171-2205	1	WIRING GP-ELECTRONICS BAY	560
		1	WIRING GP-ELECTRONICS BAY	566
		1	WIRING GP-ELECTRONICS BAY	574
		1	WIRING GP-CAB	492
		1	WIRING GP-CAB	499
ELEMENT AS (CIGARETTE LIGHTER)	198-6571	1	WIRING GP-CAB	509
		1	WIRING GP-CAB	518
		1	HEATER GP-JACKET WATER	324
		1	HEATER GP-JACKET WATER	321
		1	HEATER GP-JACKET WATER	321
ELEMENT AS-JACKET WATER HEATER (240-VOLT, 1500-WATT)	246-3513	1	HEATER GP-JACKET WATER	321
		1	HEATER GP-JACKET WATER	321
		1	HEATER GP-JACKET WATER	321
		1	HEATER GP-JACKET WATER	321
		1	HEATER GP-JACKET WATER	321
ELEMENT AS-JACKET WATER HEATER (240-VOLT, 1500-WATT) (1500 WATT-220 VOLT)	207-6901	1	HEATER GP-JACKET WATER	321
		1	HEATER GP-JACKET WATER	321
		1	HEATER GP-JACKET WATER	321
		1	HEATER GP-JACKET WATER	321
		1	HEATER GP-JACKET WATER	321
FLASHER AS (24-VOLT)	108-0358	1	SWITCH GP-SIGNAL	465
		1	SWITCH GP-SIGNAL	467
		1	SWITCH GP-SIGNAL	467
		1	SWITCH GP-SIGNAL	467
		1	SWITCH GP-SIGNAL	467
FUSE (10-AMPERE)	113-8490	27	WIRING GP-ELECTRONICS BAY	548
		27	WIRING GP-ELECTRONICS BAY	554
		27	WIRING GP-ELECTRONICS BAY	560
		27	WIRING GP-ELECTRONICS BAY	566
		27	WIRING GP-ELECTRONICS BAY	574
FUSE (125-AMPERE)	3K-8782	13	WIRING GP-ELECTRONICS BAY	534
		13	WIRING GP-ELECTRONICS BAY	542
		13	WIRING GP-ELECTRONICS BAY	542
		13	WIRING GP-ELECTRONICS BAY	542
		13	WIRING GP-ELECTRONICS BAY	542
FUSE (15-AMPERE)	220-7087	1	WIRING GP-ENGINE	595
		10	WIRING GP-ELECTRONICS BAY	548
		10	WIRING GP-ELECTRONICS BAY	554
		10	WIRING GP-ELECTRONICS BAY	560
		10	WIRING GP-ELECTRONICS BAY	566

MAINTENANCE PARTS

DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE
FUSE (20-AMPERE)	8M-8948	10	WIRING GP-ELECTRONICS BAY	574
		4	WIRING GP-ELECTRONICS BAY	534
	113-8492	4	WIRING GP-ELECTRONICS BAY	542
		3	WIRING GP-ELECTRONICS BAY	548
		3	WIRING GP-ELECTRONICS BAY	554
		3	WIRING GP-ELECTRONICS BAY	560
		3	WIRING GP-ELECTRONICS BAY	566
		3	WIRING GP-ELECTRONICS BAY	574
	8M-0456	1	WIRING GP-ELECTRONICS BAY	534
		1	WIRING GP-ELECTRONICS BAY	542
KEY (BATTERY DISCONNECT)	8H-5306	1	SWITCH GP-DISCONNECT	453
LAMP (24-VOLT)	110-2079	6	WIRING GP-CAB	484
		6	WIRING GP-CAB	491
		6	WIRING GP-CAB	498
		6	WIRING GP-CAB	508
		6	WIRING GP-CAB	521
LAMP (24-VOLT) (DOME)	3E-8825	1	LIGHTING GP-WARNING BEACON	394
		1	LAMP GP-DOME	326
LAMP (24-VOLT, 21-WATT)	7N-9943	2	LIGHTING GP-FLOOD & SIGNAL	370
		2	LIGHTING GP-FLOOD & SIGNAL	374
		2	LIGHTING GP-FLOOD & SIGNAL	378
		2	LIGHTING GP-FLOOD & SIGNAL	382
		2	LIGHTING GP-FLOOD & SIGNAL	386
LAMP (24-VOLT, 70-WATT)	9X-7849	1	LAMP GP-WARNING BEACON	344
LAMP (24-VOLT, HID)	290-8160	1	LAMP GP-FLOOD	337
		1	LAMP GP-FLOOD	338
LAMP AS-FLOOD	213-4998	1	LAMP GP-FLOOD	332
LAMP AS-FLOOD (70-WATT)	213-4998	1	LAMP GP-FLOOD	331
LAMP GP-SIGNAL (24-VOLT, TURN)	199-3368	2	LIGHTING GP-FLOOD & SIGNAL	370
		2	LIGHTING GP-FLOOD & SIGNAL	374
		2	LIGHTING GP-FLOOD & SIGNAL	382
LAMP-HALOGEN (12/24-VOLT, 35-WATT)	209-6638	1	LAMP GP-FLOOD	329
		1	LAMP GP-FLOOD	330
		1	LAMP GP-FLOOD	335
		1	LAMP GP-FLOOD	336
LAMP-HALOGEN (24-VOLT, 70-WATT)	351-9918	1	LAMP GP-FLOOD	327
		1	LAMP GP-FLOOD	328
		1	LAMP GP-FLOOD	333
		1	LAMP GP-FLOOD	334
LAMP-HALOGEN (24-VOLT, 70-WATT) (LOW BEAM)	9X-3463	1	LAMP GP-HEAD	339
LAMP-LED (24-VOLT, GREEN)	163-1879	1	SWITCH GP-SIGNAL	465
		1	SWITCH GP-SIGNAL	467
LAMP-LED (24-VOLT, RED)	163-1876	1	SWITCH GP-ROCKER	464
		1	WIRING GP-CAB	485
		1	WIRING GP-CAB	492
		1	WIRING GP-CAB	499
		1	WIRING GP-CAB	509
		1	WIRING GP-CAB	521
LAMP-LED (24-VOLT, RED) (RED)	163-1876	1	LAMP GP-INDICATOR	340
LAMP-LED (24-VOLT, YELLOW)	163-1878	1	SWITCH GP-RIDE CONTROL	462
		1	SWITCH GP-ROCKER	463
		1	SWITCH GP-ROCKER	464
		4	WIRING GP-CAB	485

MAINTENANCE PARTS

DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE
		4	WIRING GP-CAB	492
		4	WIRING GP-CAB	499
		4	WIRING GP-CAB	509
		3	WIRING GP-CAB	521
FRAME AND BODY				
BREATHER (GREASE TANK)	240-9687	1	TANK & PUMP GP-LUBRICATION	1172
		1	TANK & PUMP GP-LUBRICATION	1174
		1	TANK & PUMP GP-LUBRICATION	1176
LAMP (24-VOLT)	110-2079	1	LUBRICATION AR-AUTOMATIC	1150
		1	LUBRICATION AR-AUTOMATIC	1151
FUEL SYSTEM				
CAP AS-FILLER (FUEL TANK)	7X-7700	1	ADAPTER GP-FAST FILL FUEL	221
		1	TANK GP-FUEL	267
		1	TANK GP-FUEL	269
FILTER AS-WATER SEP & FUEL (PRIMARY)	299-1893	1	PUMP GP-FUEL PRM & PRIM FILTER	264
	326-1643	1	FILTER GP-WATER SEP & FUEL	231
FILTER-FUEL (ADVANCED EFFICIENCY)	1R-0762	1	FILTER GP-FUEL	227
		1	FILTER GP-FUEL	229
FILTER-FUEL (ADVANCED EFFICIENCY) (HIGH EFFICIENCY)	1R-0762	1	FILTER GP-FUEL	223
		1	FILTER GP-FUEL	225
STRAINER-FUEL	9P-7121	1	TANK GP-FUEL	267
		1	TANK GP-FUEL	269
HYDRAULIC SYSTEM				
CAP-FILLER (HYDRAULIC TANK)	7H-1447	1	TANK GP-HYDRAULIC	1566
		1	TANK GP-HYDRAULIC	1569
FILTER-OIL (ADVANCED EFFICIENCY)	1G-8878	1	FILTER GP-OIL	1440
FILTER-OIL (ULTRA HIGH EFFICIENCY)	102-2828	1	FILTER GP-OIL	1441
	126-1817	1	FILTER GP-OIL	1439
PLUG-DRAIN	9J-7031	1	TANK GP-HYDRAULIC	1566
PLUG-DRAIN (HYDRAULIC TANK)	9J-7031	1	TANK GP-HYDRAULIC	1569
SCREEN AS	9T-9227	2	TANK GP-HYDRAULIC	1566
		2	TANK GP-HYDRAULIC	1569
SCREEN-DIFFUSER	178-0182	1	TANK GP-HYDRAULIC	1566
		1	TANK GP-HYDRAULIC	1569
STRAINER	9J-3047	1	TANK GP-HYDRAULIC	1566
STRAINER (HYDRAULIC TANK FILL)	9J-3047	1	TANK GP-HYDRAULIC	1569
LUBRICATION SYSTEM				
CAP-OIL FILLER (ENGINE)	9L-8439	1	FILLER GP-ENGINE OIL	138
FILTER AS-ENGINE OIL (STANDARD EFFICIENCY)	1R-0716	1	FILTER GP-ENGINE OIL	139
FILTER-ENGINE OIL (ADVANCED EFFICIENCY)	1R-1808	1	FILTER GP-ENGINE OIL	141
		1	FILTER GP-ENGINE OIL	143

MAINTENANCE PARTS

DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE
OPERATOR STATION				
BATTERY (LITHIUM)	101 - 1785	1	CONTROL GP-MONITOR	1722
		1	CONTROL GP-MONITOR	1723
BLADE AS-WIPER (600-MM) (REAR)	6V - 6864	1	WIPER GP-WINDOW	1923
BLADE AS-WIPER (700-MM)	6V - 7419	2	WIPER GP-WINDOW	1909
		2	WIPER GP-WINDOW	1912
		2	WIPER GP-WINDOW	1915
		2	WIPER GP-WINDOW	1919
BLADE AS-WIPER (700-MM) (FRONT)	6V - 7419	1	WIPER GP-WINDOW	1923
CAP	3W - 6398	1	WASHER GP-WINDOW	1906
FILTER ELEMENT-CAB AIR (STANDARD EFFICIENCY)	107 - 0266	1	DUCT & FILTER GP-CAB AIR	1752
	112 - 7448	1	DUCT & FILTER GP-CAB AIR	1752
GASKET	107 - 4394	1	LINES GP-AIR CONDITIONER	1790
	107 - 4396	1	LINES GP-AIR CONDITIONER	1790
KEY-HANDLE	3V - 7476	1	DUCT & FILTER GP-CAB AIR	1752
LAMP (24-VOLT, 0.2-AMPERE)	7N - 5876	1	MONITOR GP-PAYLOAD	1803
		1	MONITOR GP-PAYLOAD	1805
RECEIVER GP-REFRIGERANT DRYER	175 - 7162	1	LINES GP-AIR CONDITIONER	1774
RECEIVER-REFRIGERANT DRYER	257 - 3226	1	LINES GP-AIR CONDITIONER	1777
		1	LINES GP-AIR CONDITIONER	1781
		1	LINES GP-AIR CONDITIONER	1785
SCREEN-FILTER (WINDOW WASHER)	8T - 5913	2	WASHER GP-WINDOW	1906
SEAT BELT GP (RETRACTABLE)	222 - 0345	1	SEAT GP	1884
		1	SEAT GP	1887
POWER TRAIN				
BREATHER (POWER TRAIN OIL)	4H - 6112	1	LINES GP-POWER TRAIN OIL	805
BREATHER (POWER TRAIN)	4H - 6112	1	LINES GP-POWER TRAIN OIL	777
		1	LINES GP-POWER TRAIN OIL	784
		1	LINES GP-POWER TRAIN OIL	791
		1	LINES GP-POWER TRAIN OIL	798
BREATHER AS (AXLE VENT)	194 - 7264	2	LINES GP-AXLE VENT	774
FILTER AS-AIR	8S - 7374	1	SLIP JOINT GP	835
FILTER ELEMENT AS-OIL (ULTRA HIGH EFFICIENCY) (POWER TRAIN)	167 - 2009	1	FILTER GP-OIL	719
FILTER ELEMENT-OIL	337 - 5270	1	FILTER GP-OIL	722
FILTER ELEMENT-OIL (TRANSMISSION)	337 - 5270	1	FILTER GP-OIL	723
PLUG-DRAIN	9J - 7031	1	GEAR GP-OUTPUT TRANSFER	734
PLUG-MAGNETIC	5P - 4484	1	AXLE GP-FIXED	676
		1	AXLE GP-OSCILLATING	677
PLUG-MAGNETIC (FINAL DRIVE, OIL FILL)	8M - 3837	1	WHEEL & FINAL DRIVE GP	887
SCREEN GP-MAGNETIC	4S - 8603	1	GEAR GP-OUTPUT TRANSFER	731
		1	GEAR GP-OUTPUT TRANSFER	735
SCREEN-FILTER (AXLE OIL COOLER)	222 - 6713	1	FILTER GP-OIL	721
SCREEN-SUCTION	4S - 8598	1	GEAR GP-OUTPUT TRANSFER	731
		1	GEAR GP-OUTPUT TRANSFER	735
SERVICE EQUIPMENT AND SUPPLIES				
CAP AS-OIL FILLER (POWER TRAIN)	7W - 1484	1	PROTECTION GP-VANDALISM	2092

MAINTENANCE PARTS

DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE
STEERING SYSTEM				
SCREEN AS	307-6457	1	VALVE GP-STEERING	1388
		1	VALVE GP-STEERING	1391
WORK TOOLS				
BOLT-PLOW (1-1/4-7X115MM)	6V-8360	2	ADAPTER GP-TIP	1926
BOLT-PLOW (1-1/4-7X4.53IN)	6V-8360	14	EDGE GP-CUTTING	2000
		12	EDGE GP-CUTTING	2001
		14	EDGE GP-CUTTING	2002

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	1388		1658
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MEMORANDA

MACHINE ARRANGEMENT

225-5432 CHASSIS AR

S/N: BXY1-1899

PART OF 225-4278 COMMON AR

SMCS-7000

i02387163

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	224-9455	1	AFTERCOOLER GP-AIR						199
Y	114-5172	1	CONDENSER GP-REFRIGERANT						1708
Y	164-0058	1	COOLER GP-HYDRAULIC OIL						1411
Y	160-5760	1	FAN & BAFFLE GP						159
Y	114-5126	1	FIREWALL GP						921
Y	257-2537	1	FRAME AS-LOADER						924
Y	225-7922	1	FRAME AS-REAR						929
Y	198-9229	1	GUARD GP-FRONT						940
Y	158-8785	1	GUARD GP-HYDRAULIC TANK						941
Y	114-5137	1	GUARD GP-POWER TRAIN						942
Y	225-6334	1	GUARD GP-RADIATOR						943
Y	255-8243	1	HITCH GP-ARTICULATING						966
Y	225-5235	1	HOOD & GUARD GP						968
Y	114-5133	1	LADDER GP						980
Y	114-5142	1	LINES GP-AIR CONDITIONER						1774
Y	225-8334	1	LINES GP-FUEL						234
Y	259-2401	1	LINES GP-GREASE (AXLE TRUNNIONS, LIFT CYLINDER)						1139
Y	225-6319	1	LINES GP-WATER (RADIATOR)						167
Y	114-5121	1	LINK GP-STEERING FRAME LOCK						1148
Y	6V-1970	1	LITERATURE GP						1796
Y	115-1527	1	MIRROR GP-REAR VIEW						1797
Y	227-3200	1	OPERATOR AR						1820
Y	230-4182	1	PANEL GP-SIDE						1158
Y	154-7531	1	PIN & SEAL GP-LINKAGE						1688
Y	233-8479	1	PLATE & FILM GP						2088
Y	114-5124	1	PLATFORM GP-OPERATOR						1838
Y	247-0848	1	STARTING AID GP-ETHER						441
Y	114-5138	1	SUPPORT GP-TRANSMISSION						837
Y	228-1787	1	TANK & MTG GP-FUEL						266
Y	4C-8195	1	TOOL GP-CONTROL SERVICE						2093
Y	114-5127	1	WASHER GP-WINDOW						1906

Y-SEPARATE ILLUSTRATION

<END>

MACHINE ARRANGEMENT

284-2735 CHASSIS AR

S/N: BXY1900-UP

PART OF 284-2327 COMMON AR

SMCS-7000

i03765259

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	224-9455	1	AFTERCOOLER GP-AIR						199
Y	114-5172	1	CONDENSER GP-REFRIGERANT						1708
Y	164-0058	1	COOLER GP-HYDRAULIC OIL						1411
Y	192-8852	1	COVER GP-BUMPER (BATTERY COMPARTMENT ACCESS, RH)						904
			S/N: BXY1900-2982						
Y	328-3080	1	COVER GP-ACCESS						899
			S/N: BXY2983-UP						
Y	160-5760	1	FAN & BAFFLE GP						159
Y	114-5126	1	FIREWALL GP						921
Y	257-2537	1	FRAME AS-LOADER						924
Y	225-7922	1	FRAME AS-REAR						929
Y	198-9229	1	GUARD GP-FRONT						940
Y	158-8785	1	GUARD GP-HYDRAULIC TANK						941
Y	114-5137	1	GUARD GP-POWER TRAIN						942
Y	225-6334	1	GUARD GP-RADIATOR						943
Y	255-8243	1	HITCH GP-ARTICULATING						966
Y	225-5235	1	HOOD & GUARD GP						968
Y	114-5133	1	LADDER GP						980
Y	114-5142	1	LINES GP-AIR CONDITIONER						1774
Y	225-8334	1	LINES GP-FUEL						234
Y	259-2401	1	LINES GP-GREASE (AXLE TRUNNIONS, LIFT CYLINDER)						1139
Y	225-6319	1	LINES GP-WATER (RADIATOR)						167
Y	114-5121	1	LINK GP-STEERING FRAME LOCK						1148
Y	115-1527	1	MIRROR GP-REAR VIEW						1797
			S/N: BXY1900-3999						
Y	292-6092	1	OPERATOR AR						1820
			S/N: BXY1900-3999						
Y	346-3822	1	OPERATOR AR						1821
			S/N: BXY4000-UP						
Y	230-4182	1	PANEL GP-SIDE						1158
Y	154-7531	1	PIN & SEAL GP-LINKAGE						1688
Y	233-8479	1	PLATE & FILM GP						2088
Y	114-5124	1	PLATFORM GP-OPERATOR						1838
Y	247-0848	1	STARTING AID GP-ETHER						441
Y	114-5138	1	SUPPORT GP-TRANSMISSION						837
Y	228-1787	1	TANK & MTG GP-FUEL						266
Y	4C-8195	1	TOOL GP-CONTROL SERVICE						2093
Y	114-5127	1	WASHER GP-WINDOW						1906
	6V-1970	1	LITERATURE GP						
	5P-7958	1	SLEEVE-CABLE SPLICE						
	5P-8500	2	KEY						

Y-SEPARATE ILLUSTRATION

<END>

MACHINE ARRANGEMENT

225-4278 COMMON AR

S/N: BXY1-1899

SMCS-7000

i02299787

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	225-5432	1	CHASSIS AR						1
Y	225-5452	1	ELECTRICAL AR						304
Y	225-5449	1	HYDRAULIC AR						1443
Y	226-9643	1	INSTALLATION AR-ENGINE						23
Y	225-5455	1	POWER TRAIN AR						821

Y-SEPARATE ILLUSTRATION

<END>

284-2327 COMMON AR

S/N: BXY1900-UP

SMCS-7000

i03747976

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	284-2735	1	CHASSIS AR						2
Y	284-2987	1	ELECTRICAL AR						305
			S/N: BXY1900-3999						
Y	337-0870	1	ELECTRICAL AR						305
			S/N: BXY4000-UP						
Y	298-2038	1	HYDRAULIC AR						1443
			S/N: BXY1900-3999						
Y	345-3930	1	HYDRAULIC AR						1444
			S/N: BXY4000-UP						
Y	226-9643	1	INSTALLATION AR-ENGINE						23
Y	225-5455	1	POWER TRAIN AR						821

Y-SEPARATE ILLUSTRATION

<END>

352-8266 CONVERSION AR-MACHINE-EAME, APD

S/N: BXY4000-UP

WITHOUT PRODUCT LINK
AN ATTACHMENT

SMCS-7000

i03804549

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	236-0964	1	PLATE & FILM GP						2089
Y	309-0972	1	WIRING GP-ELECTRONICS BAY						566

Y-SEPARATE ILLUSTRATION

<END>

MACHINE ARRANGEMENT

352-8271 OPTION AR-FUEL LINES, GREASE LINES

S/N: BXY4000-UP

CANNOT BE USED WITH 352-8272-PAGE 4, 352-8273-PAGE 4, 352-8274-PAGE 4
AN ATTACHMENT

SMCS-7000

i03801349

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	226-0307	1	LINES GP-FUEL HEATER (WITH CAB HEATER LINES)						256
Y	259-2420	1	LINES GP-GREASE						1146

Y-SEPARATE ILLUSTRATION

<END>

352-8272 OPTION AR-MACHINE SERVICE

S/N: BXY4000-UP

CANNOT BE USED WITH 352-8271-PAGE 4, 352-8273-PAGE 4, 352-8274-PAGE 4
AN ATTACHMENT

SMCS-7000

i03801410

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	226-0947	1	FUEL AR-FAST FILL						232
Y	259-2420	1	LINES GP-GREASE						1146
Y	114-5198	1	OIL CHANGE GP-HIGH SPEED						155

Y-SEPARATE ILLUSTRATION

<END>

352-8273 OPTION AR-MACHINE SERVICE

S/N: BXY4000-UP

CANNOT BE USED WITH 352-8271-PAGE 4, 352-8272-PAGE 4, 352-8274-PAGE 4
AN ATTACHMENT

SMCS-7000

i03801412

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	226-0947	1	FUEL AR-FAST FILL						232
Y	349-4485	1	LUBRICATION AR-AUTOMATIC (HYDRAULIC, 3.88-M BOOM)						1155
Y	114-5198	1	OIL CHANGE GP-HIGH SPEED						155

Y-SEPARATE ILLUSTRATION

<END>

352-8274 OPTION AR-MACHINE SERVICE

S/N: BXY4000-UP

CANNOT BE USED WITH 352-8271-PAGE 4, 352-8272-PAGE 4, 352-8273-PAGE 4
AN ATTACHMENT

SMCS-7000

i03801455

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	226-0947	1	FUEL AR-FAST FILL						232
Y	349-4484	1	LUBRICATION AR-AUTOMATIC (HYDRAULIC, 4.25-M BOOM)						1155
Y	114-5198	1	OIL CHANGE GP-HIGH SPEED						155

Y-SEPARATE ILLUSTRATION

<END>

MACHINE ARRANGEMENT

352-8275 OPTION AR-COLD WEATHER-FUEL, JACKET WATER

S/N: BXY4000-UP

CANNOT BE USED WITH 352-8276-PAGE 5, 352-8277-PAGE 5
AN ATTACHMENT

SMCS-7000

i03801456

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	226-0961	1	HEATER GP-FUEL						319
Y	246-3514	1	HEATER GP-JACKET WATER						324

Y-SEPARATE ILLUSTRATION

<END>

352-8276 OPTION AR-COLD WEATHER-FUEL, JACKET WATER

S/N: BXY4000-UP

CANNOT BE USED WITH 352-8275-PAGE 5, 352-8277-PAGE 5
AN ATTACHMENT

SMCS-7000

i03801458

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	226-0961	1	HEATER GP-FUEL						319
Y	246-2689	1	HEATER GP-JACKET WATER						323

Y-SEPARATE ILLUSTRATION

<END>

352-8277 OPTION AR-GUARD-CRANKCASE, STEERING CYLINDER

S/N: BXY4000-UP

CANNOT BE USED WITH 352-8275-PAGE 5, 352-8276-PAGE 5
AN ATTACHMENT

SMCS-7000

i03801460

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	150-1541	1	GUARD GP-CRANKCASE						938
Y	167-4322	1	GUARD GP-STEERING CYLINDER						1337

Y-SEPARATE ILLUSTRATION

<END>

MACHINE ARRANGEMENT

2Q-8722 STEEL MILL AR

S/N: BXY1900-UP

FOR USE WITH 255-0040-PAGE 1679, 3.88-M BOOM. CANNOT BE USED WITH
2Q-8733-PAGE 7, 2Q-8732-PAGE 1702, 300-2780-PAGE 1703, 167-4322-PAGE 1337,
2Q-8737-PAGE 1855
AN ATTACHMENT

SMCS-7000

i03767769

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	308-2720	1	BUMPER GP-REAR						897
Y	308-2724	1	CONTROL GP-PARKING BRAKE (AUXILIARY CONTROL)						1285
Y	308-2729	1	CONTROL GP-XMSN OVERRIDE						1733
Y	189-7779	1	ELECTRONICS GP-POWER TRAIN						310
Y	189-7590	1	GAUGE GP-OIL LEVEL (DIPSTICK) (TRANSMISSION)						724
Y	219-5031	1	GUARD GP-BOTTOM						935
Y	261-1510	1	GUARD GP-CRANKCASE						939
Y	227-3317	1	CONVERSION GP-HYDRAULIC LINES						1410
Y	308-2730	1	GUARD GP-REAR						950
Y	287-3679	1	GUARD GP-SENSOR						953
Y	167-4322	1	GUARD GP-STEERING CYLINDER						1337
Y	219-5029	1	HARDWARE GP-LOADER FRAME						954
Y	308-2718	1	HARDWARE GP-REAR FRAME						963
Y	308-2715	1	LADDER GP						996
Y	308-2725	1	OPERATOR AR						1820
Y	302-8170	1	PUMP GP-FUEL PRM & PRIM FILTER						264
			S/N: BXY2345-UP						
Y	261-1463	1	TRANSMISSION AR						872
Y	310-5991	1	WIRING GP-BUMPER						481
Y	302-2177	1	WIRING GP-SENSOR						662
	189-7852	1	GUARD AS-POWER TRAIN						
M	9X-6269	4	NUT-WELD (M16X2-THD)						
	189-7722	1	PLATE						
M-METRIC PART									
Y-SEPARATE ILLUSTRATION									

<END>

MACHINE ARRANGEMENT

2Q-8733 STEEL MILL AR

S/N: BXY1900-UP

FOR USE WITH 255-0042-PAGE 1680, 4.25-M BOOM. CANNOT BE USED WITH
2Q-8722-PAGE 6, 2Q-8732-PAGE 1702, 300-2780-PAGE 1703, 167-4322-PAGE 1337,
2Q-8737-PAGE 1855
AN ATTACHMENT

SMCS-7000

i03161921

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	308-2720	1	BUMPER GP-REAR						897
Y	308-2724	1	CONTROL GP-PARKING BRAKE (AUXILIARY CONTROL)						1285
Y	308-2729	1	CONTROL GP-XMSN OVERRIDE						1733
Y	261-1516	1	CYLINDER GP-LIFT & TILT (POSITION SENSOR)						1424
Y	308-2713	1	ELECTRONICS GP-IMPLEMENT						308
Y	189-7779	1	ELECTRONICS GP-POWER TRAIN						310
Y	189-7590	1	GAUGE GP-OIL LEVEL (DIPSTICK) (TRANSMISSION)						724
Y	219-5031	1	GUARD GP-BOTTOM						935
Y	261-1510	1	GUARD GP-CRANKCASE						939
Y	227-3317	1	CONVERSION GP-HYDRAULIC LINES						1410
Y	308-2730	1	GUARD GP-REAR						950
Y	167-4322	1	GUARD GP-STEERING CYLINDER						1337
Y	219-5029	1	HARDWARE GP-LOADER FRAME						954
Y	308-2718	1	HARDWARE GP-REAR FRAME						963
Y	308-2715	1	LADDER GP						996
Y	308-2725	1	OPERATOR AR						1820
Y	306-4214	1	PLUG GP-CONNECTOR						405
			S/N: BXY2491-UP						
Y	302-8170	1	PUMP GP-FUEL PRM & PRIM FILTER						264
			S/N: BXY2345-UP						
Y	261-1463	1	TRANSMISSION AR						872
Y	310-5991	1	WIRING GP-BUMPER						481
	189-7852	1	GUARD AS-POWER TRAIN						
	189-7722	1	PLATE						
Y-SEPARATE ILLUSTRATION									

<END>

MACHINE ARRANGEMENT

2Q-8744 STEEL MILL AR

S/N: BXY1900-UP

FOR USE WITH 255-0042-PAGE 1680. CANNOT BE USED WITH 2Q-8737-PAGE 1855,
2Q-8732-PAGE 1702, 300-2780-PAGE 1703, 167-4322-PAGE 1337
AN ATTACHMENT

SMCS-7000

i03769376

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	308-2720	1	BUMPER GP-REAR						897
Y	308-2724	1	CONTROL GP-PARKING BRAKE (AUXILIARY CONTROL)						1285
Y	308-2729	1	CONTROL GP-XMSN OVERRIDE						1733
Y	189-7779	1	ELECTRONICS GP-POWER TRAIN						310
Y	189-7590	1	GAUGE GP-OIL LEVEL (DIPSTICK) (TRANSMISSION)						724
Y	219-5031	1	GUARD GP-BOTTOM						935
Y	261-1510	1	GUARD GP-CRANKCASE						939
Y	227-3317	1	CONVERSION GP-HYDRAULIC LINES						1410
Y	308-2730	1	GUARD GP-REAR						950
Y	287-3679	1	GUARD GP-SENSOR						953
Y	167-4322	1	GUARD GP-STEERING CYLINDER						1337
Y	219-5029	1	HARDWARE GP-LOADER FRAME						954
Y	308-2718	1	HARDWARE GP-REAR FRAME						963
Y	308-2715	1	LADDER GP						996
Y	308-2725	1	OPERATOR AR						1820
Y	302-8170	1	PUMP GP-FUEL PRM & PRIM FILTER						264
			S/N: BXY2345-UP						
Y	261-1463	1	TRANSMISSION AR						872
Y	310-5991	1	WIRING GP-BUMPER						481
Y	303-8303	1	WIRING GP-SENSOR (LIFT, TILT POSITION)						663
	189-7852	1	GUARD AS-POWER TRAIN						
	189-7722	1	PLATE						
Y-SEPARATE ILLUSTRATION									
<END>									

MACHINE ARRANGEMENT

2Q-8749 STEEL MILL AR

S/N: BXY2733-UP

FOR USE WITH 298-6964—PAGE 1684. CANNOT BE USED WITH 2Q-8737—PAGE 1855,
2Q-8732—PAGE 1702, 300-2780—PAGE 1703, 167-4322—PAGE 1337
AN ATTACHMENT

SMCS-7000

i03367402

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	308-2720	1	BUMPER GP-REAR						897
Y	308-2724	1	CONTROL GP-PARKING BRAKE (AUXILIARY CONTROL)						1285
Y	308-2729	1	CONTROL GP-XMSN OVERRIDE						1733
Y	261-1516	1	CYLINDER GP-LIFT & TILT (POSITION SENSOR)						1424
Y	308-2713	1	ELECTRONICS GP-IMPLEMENT						308
Y	189-7779	1	ELECTRONICS GP-POWER TRAIN						310
Y	189-7590	1	GAUGE GP-OIL LEVEL (DIPSTICK) (TRANSMISSION)						724
Y	219-5031	1	GUARD GP-BOTTOM						935
Y	261-1510	1	GUARD GP-CRANKCASE						939
Y	308-2730	1	GUARD GP-REAR						950
Y	167-4322	1	GUARD GP-STEERING CYLINDER						1337
Y	219-5029	1	HARDWARE GP-LOADER FRAME						954
Y	308-2718	1	HARDWARE GP-REAR FRAME						963
Y	329-8109	1	INSULATION GP-HEAT						978
Y	308-2715	1	LADDER GP						996
Y	308-2725	1	OPERATOR AR						1820
Y	306-4214	1	PLUG GP-CONNECTOR						405
Y	302-8170	1	PUMP GP-FUEL PRM & PRIM FILTER						264
Y	261-1463	1	TRANSMISSION AR						872
Y	310-5991	1	WIRING GP-BUMPER						481
Y	329-9288	1	WIRING GP-ELECTROHYDRAULIC						531
	189-7852	1	GUARD AS-POWER TRAIN						
	189-7722	1	PLATE						
Y-SEPARATE ILLUSTRATION									
<END>									

MACHINE ARRANGEMENT

2Q-8752 STEEL MILL AR

S/N: BXY2733-UP

FOR USE WITH 3.88-M BOOM. CANNOT BE USED WITH 2Q-8737-PAGE 1855,
2Q-8732-PAGE 1702, 300-2780-PAGE 1703, 167-4322-PAGE 1337
AN ATTACHMENT

SMCS-7000

i03357323

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	308-2720	1	BUMPER GP-REAR						897
Y	308-2724	1	CONTROL GP-PARKING BRAKE (AUXILIARY CONTROL)						1285
Y	308-2729	1	CONTROL GP-XMSN OVERRIDE						1733
Y	189-7779	1	ELECTRONICS GP-POWER TRAIN						310
Y	189-7590	1	GAUGE GP-OIL LEVEL (DIPSTICK) (TRANSMISSION)						724
Y	219-5031	1	GUARD GP-BOTTOM						935
Y	261-1510	1	GUARD GP-CRANKCASE						939
Y	308-2730	1	GUARD GP-REAR						950
Y	287-3679	1	GUARD GP-SENSOR						953
Y	167-4322	1	GUARD GP-STEERING CYLINDER						1337
Y	219-5029	1	HARDWARE GP-LOADER FRAME						954
Y	308-2718	1	HARDWARE GP-REAR FRAME						963
Y	329-8109	1	INSULATION GP-HEAT						978
Y	308-2715	1	LADDER GP						996
Y	308-2725	1	OPERATOR AR						1820
Y	302-8170	1	PUMP GP-FUEL PRM & PRIM FILTER						264
Y	261-1463	1	TRANSMISSION AR						872
Y	310-5991	1	WIRING GP-BUMPER						481
Y	329-9288	1	WIRING GP-ELECTROHYDRAULIC						531
Y	302-2177	1	WIRING GP-SENSOR						662
	189-7852	1	GUARD AS-POWER TRAIN						
	189-7722	1	PLATE						
Y-SEPARATE ILLUSTRATION									
<END>									

MACHINE ARRANGEMENT

2Q-8753 STEEL MILL AR

S/N: BXY2733-UP

FOR USE WITH 298-6964-PAGE 1684, 4.25-M BOOM. CANNOT BE USED WITH
2Q-8737-PAGE 1855, 2Q-8732-PAGE 1702, 300-2780-PAGE 1703, 167-4322-PAGE 1337
AN ATTACHMENT

SMCS-7000

i03364507

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	308-2720	1	BUMPER GP-REAR						897
Y	308-2724	1	CONTROL GP-PARKING BRAKE (AUXILIARY CONTROL)						1285
Y	308-2729	1	CONTROL GP-XMSN OVERRIDE						1733
Y	189-7779	1	ELECTRONICS GP-POWER TRAIN						310
Y	189-7590	1	GAUGE GP-OIL LEVEL (DIPSTICK) (TRANSMISSION)						724
Y	219-5031	1	GUARD GP-BOTTOM						935
Y	261-1510	1	GUARD GP-CRANKCASE						939
Y	308-2730	1	GUARD GP-REAR						950
Y	287-3679	1	GUARD GP-SENSOR						953
Y	167-4322	1	GUARD GP-STEERING CYLINDER						1337
Y	219-5029	1	HARDWARE GP-LOADER FRAME						954
Y	308-2718	1	HARDWARE GP-REAR FRAME						963
Y	329-8109	1	INSULATION GP-HEAT						978
Y	308-2715	1	LADDER GP						996
Y	308-2725	1	OPERATOR AR						1820
Y	302-8170	1	PUMP GP-FUEL PRM & PRIM FILTER						264
Y	261-1463	1	TRANSMISSION AR						872
Y	310-5991	1	WIRING GP-BUMPER						481
Y	329-9288	1	WIRING GP-ELECTROHYDRAULIC						531
Y	303-8303	1	WIRING GP-SENSOR (LIFT, TILT POSITION)						663
	189-7852	1	GUARD AS-POWER TRAIN						
	189-7722	1	PLATE						
Y-SEPARATE ILLUSTRATION									
<END>									

ENGINE ARRANGEMENT

234-5706 ENGINE AR

S/N: BXY1-2399

CANNOT BE USED WITH 225-6065—PAGE 13
AN ATTACHMENT

SMCS-1000

i01931910

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	225-6106	1	ENGINE AR-COMPLETE (WITH ENGINE BRAKE)						15
Y	176-8350	1	SWITCH GP-ENGINE BRAKE						454
GASKET KITS WILL BE PROVIDED WHEN AVAILABLE									
Y-SEPARATE ILLUSTRATION									

ENGINE ARRANGEMENT

225-6065 ENGINE AR-COMPLETE

S/N: RHX1-UP

390 BRAKE (523 BHP) AT 1800 RPM
AN ATTACHMENT

SMCS-1000

i03768958

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	126-7631	1	CONNECTION GP-ELECTRICAL						291
Y	243-1560	1	CONTROL & MTG GP-ENGINE ELEK						295
Y	107-6736	1	COVER GP-CYLINDER BLOCK (TURBOCHARGER DRAIN COVER)						36
Y	140-9746	1	COVER GP-CYLINDER BLOCK						37
Y	159-6159	1	COVER GP-FRONT HOUSING (CAM, IDLER GEAR)						39
Y	120-9847	1	COVER GP-FRONT HOUSING						38
Y	230-0104	1	COVER GP-SOUND SUPPRESSION						40
Y	237-1964	1	COVER GP-TURBOCHARGER						203
Y	239-4113	1	COVER GP-VALVE MECHANISM						45
			S/N: RHX1-8291						
Y	187-1328	1	COVER GP-VALVE MECHANISM						42
			S/N: RHX8292-UP						
Y	227-3705	1	DAMPER GP						75
Y	206-4227	1	DRIVE GP-ACCESSORY						77
Y	6I-3638	1	DRIVE GP-PUMP						78
Y	241-5933	1	ENGINE AR-CORE						19
			S/N: RHX1-1782, 2220-UP						
Y	280-2166	1	ENGINE AR-CORE						21
			S/N: RHX1783-2219						
Y	108-9382	1	FASTENER GP-FRONT HOUSING						81
Y	4P-6846	1	FASTENER GP-FRONT HOUSING						80
Y	4N-2481	1	FASTENER GP-OIL PUMP MOUNTING						137
Y	109-2373	1	FASTENER GP-WATER PUMP						166
Y	233-8677	1	FILLER GP-ENGINE OIL						138
Y	249-7738	1	FILTER GP-ENGINE OIL						139
			S/N: RHX1-1782						
Y	263-5374	1	FILTER GP-ENGINE OIL						143
			S/N: RHX1783-UP						
Y	231-0321	1	FILTER GP-FUEL						223
Y	4P-6817	1	FLYWHEEL GP						83
Y	159-9362	1	FUMES DISPOSAL GP						145
Y	220-2917	1	GAUGE GP-OIL LEVEL (DIPSTICK) (ENGINE)						146
Y	134-2809	1	HOUSING GP-FLYWHEEL						88
Y	243-5786	1	HOUSING GP-FRONT						93
			S/N: RHX1-8679						
Y	341-8964	1	HOUSING GP-FRONT						95
			S/N: RHX8680-UP						
Y	111-2088	1	LIFTING GP-ENGINE (REAR)						97
Y	111-2355	1	LIFTING GP-ENGINE (FRONT)						98
Y	126-0081	1	LINES GP-AIR (TURBOCHARGER OUTLET)						207
Y	219-4443	1	LINES GP-ENGINE OIL (FILTER)						147
Y	227-3917	1	LINES GP-ENGINE OIL						149
			S/N: RHX1-8679						
Y	291-6821	1	LINES GP-ENGINE OIL						152
			S/N: RHX8680-UP						
Y	229-5843	1	LINES GP-FUEL						250
Y	235-1054	1	LINES GP-TURBOCHARGER OIL						153
Y	227-4564	1	LINES GP-WATER (INCLUDES XMSN & ENG OIL CLRS)						179
Y	220-6372	1	MANIFOLD GP-EXHAUST						210
Y	188-1754	1	MOUNTING GP-ALTERNATOR & COMPR						106
Y	230-9962	1	MOUNTING GP-MUFFLER						211
Y	260-0266	1	MOUNTING GP-SENSOR (ATMOSPHERIC AIR, ENGINE OIL)						402
			S/N: RHX1-3761						

ENGINE ARRANGEMENT

225-6065 ENGINE AR-COMPLETE (contd.)

i03768958

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	299-7326	1	MOUNTING GP-SENSOR (ATMOSPHERIC AIR, ENGINE OIL) S/N: RHX3762-UP						403
Y	175-3860	1	PAN GP-OIL						107
Y	174-3874	1	PANEL GP-SOUND SUPPRESSION (ENGINE, LH)						112
Y	227-9980	1	PANEL GP-SOUND SUPPRESSION (FRONT HOUSING)						114
Y	224-3979	1	PLATE GP-ENGINE IDENTIFICATION (C18 ACERT) S/N: RHX1-3943						2091
Y	235-8397	1	PLUG GP-CYLINDER BLOCK						117
Y	230-5378	1	PLUG GP-CYLINDER HEAD						119
Y	150-4279	1	PUMP & MTG GP-FUEL TRANSFER						259
YR	161-4113	1	PUMP GP-ENGINE OIL						157
Y	174-5986	1	PUMP GP-WATER						189
Y	231-1973	1	SENSOR GP-ENGINE						410
Y	185-6278	1	SUPPORT GP-ENGINE						135
Y	246-6624	1	TURBOCHARGER GP						215
Y	233-6216	1	WIRING GP-ENGINE ELECTRONIC						601
	226-4737	1	ELECTRONICS GP-ENGINE RATINGS						
			PLEASE USE THE GASKET KIT LINK IN SIS OR CONTACT YOUR LOCAL DEALER FOR THE LATEST GASKET KIT INFORMATION						
R-REMFG PART MAY BE AVAILABLE Y-SEPARATE ILLUSTRATION									

ENGINE ARRANGEMENT

225-6106 ENGINE AR-COMPLETE

S/N: RHX1-UP

390 BRAKE KW (523 BHP) AT 1800 RPM. ELECTRONIC VALVE ACTUATOR BRAKE

PART OF 234-5706 ENGINE AR

AN ATTACHMENT

SMCS-1000

i03764356

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	126-7631	1	CONNECTION GP-ELECTRICAL						291
Y	243-1560	1	CONTROL & MTG GP-ENGINE ELEK						295
Y	107-6736	1	COVER GP-CYLINDER BLOCK (TURBOCHARGER DRAIN COVER)						36
Y	140-9746	1	COVER GP-CYLINDER BLOCK						37
Y	159-6159	1	COVER GP-FRONT HOUSING (CAM, IDLER GEAR)						39
Y	120-9847	1	COVER GP-FRONT HOUSING						38
Y	230-0104	1	COVER GP-SOUND SUPPRESSION						40
Y	237-1964	1	COVER GP-TURBOCHARGER						203
Y	239-4113	1	COVER GP-VALVE MECHANISM						45
			S/N: RHX1-8291						
Y	187-1328	1	COVER GP-VALVE MECHANISM						42
			S/N: RHX8292-UP						
Y	227-3705	1	DAMPER GP						75
Y	206-4227	1	DRIVE GP-ACCESSORY						77
Y	6I-3638	1	DRIVE GP-PUMP						78
Y	241-5934	1	ENGINE AR-CORE						20
Y	4P-6846	1	FASTENER GP-FRONT HOUSING						80
Y	108-9382	1	FASTENER GP-FRONT HOUSING						81
Y	4N-2481	1	FASTENER GP-OIL PUMP MOUNTING						137
Y	109-2373	1	FASTENER GP-WATER PUMP						166
Y	233-8677	1	FILLER GP-ENGINE OIL						138
Y	249-7738	1	FILTER GP-ENGINE OIL						139
			S/N: RHX1-1782						
Y	263-5374	1	FILTER GP-ENGINE OIL						143
			S/N: RHX1783-UP						
Y	231-0321	1	FILTER GP-FUEL						223
Y	4P-6817	1	FLYWHEEL GP						83
Y	159-9362	1	FUMES DISPOSAL GP						145
Y	220-2917	1	GAUGE GP-OIL LEVEL (DIPSTICK) (ENGINE)						146
Y	134-2809	1	HOUSING GP-FLYWHEEL						88
Y	243-5786	1	HOUSING GP-FRONT						93
			S/N: RHX1-8679						
Y	341-8964	1	HOUSING GP-FRONT						95
			S/N: RHX8680-UP						
Y	111-2088	1	LIFTING GP-ENGINE (REAR)						97
Y	111-2355	1	LIFTING GP-ENGINE (FRONT)						98
Y	126-0081	1	LINES GP-AIR (TURBOCHARGER OUTLET)						207
Y	219-4443	1	LINES GP-ENGINE OIL (FILTER)						147
Y	227-3917	1	LINES GP-ENGINE OIL						149
			S/N: RHX1-8679						
Y	291-6821	1	LINES GP-ENGINE OIL						152
			S/N: RHX8680-UP						
Y	229-5843	1	LINES GP-FUEL						250
Y	235-1054	1	LINES GP-TURBOCHARGER OIL						153
Y	227-4564	1	LINES GP-WATER (INCLUDES XMSN & ENG OIL CLRS)						179
Y	220-6372	1	MANIFOLD GP-EXHAUST						210
Y	188-1754	1	MOUNTING GP-ALTERNATOR & COMPR						106
Y	230-9962	1	MOUNTING GP-MUFFLER						211
Y	260-0266	1	MOUNTING GP-SENSOR (ATMOSPHERIC AIR, ENGINE OIL)						402
			S/N: RHX1-3761						

ENGINE ARRANGEMENT

225-6106 ENGINE AR-COMPLETE (contd.)

i03764356

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	299-7326	1	MOUNTING GP-SENSOR (ATMOSPHERIC AIR, ENGINE OIL)						403
			S/N: RHX3762-UP						
Y	175-3860	1	PAN GP-OIL						107
Y	174-3874	1	PANEL GP-SOUND SUPPRESSION (ENGINE, LH)						112
Y	227-9980	1	PANEL GP-SOUND SUPPRESSION (FRONT HOUSING)						114
Y	224-3979	1	PLATE GP-ENGINE IDENTIFICATION (C18 ACERT)						2091
			S/N: RHX1-3947						
Y	235-8397	1	PLUG GP-CYLINDER BLOCK						117
Y	230-5378	1	PLUG GP-CYLINDER HEAD						119
Y	150-4279	1	PUMP & MTG GP-FUEL TRANSFER						259
YR	161-4113	1	PUMP GP-ENGINE OIL						157
Y	174-5986	1	PUMP GP-WATER						189
Y	231-1973	1	SENSOR GP-ENGINE						410
Y	185-6278	1	SUPPORT GP-ENGINE						135
Y	246-6624	1	TURBOCHARGER GP						215
Y	233-6216	1	WIRING GP-ENGINE ELECTRONIC						601
	226-4737	1	ELECTRONICS GP-ENGINE RATINGS						
PLEASE USE THE GASKET KIT LINK IN SIS OR CONTACT YOUR LOCAL DEALER FOR THE LATEST GASKET KIT INFORMATION									
R-REMFG PART MAY BE AVAILABLE Y-SEPARATE ILLUSTRATION									

ENGINE ARRANGEMENT

281-6452 ENGINE AR-COMPLETE

S/N: RHX1-UP

390/414 BRAKE KW (523/555 BHP) AT 1800 RPM
AN ATTACHMENT

SMCS-1000

i03768853

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	126-7631	1	CONNECTION GP-ELECTRICAL (CYLINDER BLOCK GROUND)						291
Y	243-1560	1	CONTROL & MTG GP-ENGINE ELEK						295
Y	107-6736	1	COVER GP-CYLINDER BLOCK (TURBOCHARGER DRAIN COVER)						36
Y	140-9746	1	COVER GP-CYLINDER BLOCK (CENTRAL STRUCTURE)						37
Y	120-9847	1	COVER GP-FRONT HOUSING (OIL FILLER)						38
Y	159-6159	1	COVER GP-FRONT HOUSING (CAM, IDLER GEAR)						39
Y	230-0104	1	COVER GP-SOUND SUPPRESSION						40
Y	237-1964	1	COVER GP-TURBOCHARGER						203
Y	239-4113	1	COVER GP-VALVE MECHANISM						45
Y	187-1328	1	S/N: RHX1-8291						42
			COVER GP-VALVE MECHANISM						
Y	227-3705	1	S/N: RHX8292-UP						75
			DAMPER GP						
Y	206-4227	1	DRIVE GP-ACCESSORY						77
Y	6I-3638	1	DRIVE GP-PUMP						78
Y	317-2767	1	ENGINE AR-CORE						22
Y	241-5933	1	S/N: RHX1-8297						19
			ENGINE AR-CORE						
Y	4P-6846	1	S/N: RHX8298-UP						80
			FASTENER GP-FRONT HOUSING (SUPPORT)						
Y	108-9382	1	FASTENER GP-FRONT HOUSING (FAN DRIVE)						81
Y	4N-2481	1	FASTENER GP-OIL PUMP MOUNTING						137
Y	109-2373	1	FASTENER GP-WATER PUMP						166
Y	233-8677	1	FILLER GP-ENGINE OIL						138
Y	263-5374	1	FILTER GP-ENGINE OIL						143
Y	314-5216	1	FILTER GP-FUEL						227
Y	4P-6817	1	FLYWHEEL GP						83
Y	159-9362	1	FUMES DISPOSAL GP						145
Y	220-2917	1	GAUGE GP-OIL LEVEL (DIPSTICK) (ENGINE)						146
Y	134-2809	1	HOUSING GP-FLYWHEEL						88
Y	243-5786	1	HOUSING GP-FRONT						93
Y	341-8964	1	S/N: RHX1-8679						95
			HOUSING GP-FRONT						
Y	111-2088	1	S/N: RHX8680-UP						97
			LIFTING GP-ENGINE (REAR)						
Y	111-2355	1	LIFTING GP-ENGINE (FRONT)						98
Y	126-0081	1	LINES GP-AIR (TURBOCHARGER OUTLET)						207
Y	219-4443	1	LINES GP-ENGINE OIL (FILTER)						147
Y	227-3917	1	LINES GP-ENGINE OIL (OIL PAN)						149
Y	291-6821	1	S/N: RHX1-8297						152
			LINES GP-ENGINE OIL						
Y	314-5164	1	S/N: RHX8298-UP						252
			LINES GP-FUEL						
Y	235-1054	1	LINES GP-TURBOCHARGER OIL						153
Y	281-7060	1	LINES GP-WATER (INCLUDES XMSN & ENG OIL CLRS)						184
Y	220-6372	1	MANIFOLD GP-EXHAUST						210
Y	188-1754	1	MOUNTING GP-ALTERNATOR & COMPR						106
Y	230-9962	1	MOUNTING GP-MUFFLER						211
Y	299-7327	1	MOUNTING GP-SENSOR						404
Y	175-3860	1	PAN GP-OIL						107
Y	174-3874	1	PANEL GP-SOUND SUPPRESSION (ENGINE, LH)						112
Y	227-9980	1	PANEL GP-SOUND SUPPRESSION (FRONT HOUSING)						114
Y	235-8397	1	PLUG GP-CYLINDER BLOCK						117

ENGINE ARRANGEMENT

281-6452 ENGINE AR-COMPLETE (contd.)

i03768853

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	230-5378	1	PLUG GP-CYLINDER HEAD						119
Y	150-4279	1	PUMP & MTG GP-FUEL TRANSFER						259
YR	161-4113	1	PUMP GP-ENGINE OIL						157
Y	174-5986	1	PUMP GP-WATER						189
Y	231-1973	1	SENSOR GP-ENGINE						410
Y	185-6278	1	SUPPORT GP-ENGINE						135
Y	304-5270	1	SUPPORT GP-FILTER						1165
Y	246-6624	1	TURBOCHARGER GP						215
Y	233-6216	1	WIRING GP-ENGINE ELECTRONIC						601
	226-4737	1	ELECTRONICS GP-ENGINE RATINGS						

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

R-REMG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

ENGINE ARRANGEMENT

241-5933 ENGINE AR-CORE

S/N: RHX1-UP

WITHOUT BRAKE, TIER III

PART OF 225-6065, 281-6452 ENGINE AR-COMPLETE
AN ATTACHMENT

SMCS-1000

i02772948

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	234-5005	1	BASE GP-VALVE COVER & INJ HARN						27
			S/N: RHX1-1883						
Y	278-5662	1	BASE GP-VALVE COVER & INJ HARN						31
			S/N: RHX1884-UP						
Y	234-7935	1	CAMSHAFT GP						34
Y	223-9732	1	CRANKSHAFT GP						47
Y	261-0191	1	CYLINDER BLOCK GP						53
Y	235-2974	1	CYLINDER HEAD GP						70
			S/N: RHX1-4126						
Y	274-1953	1	CYLINDER HEAD GP						73
			S/N: RHX4127-UP						
Y	109-1657	1	FASTENER GP-VALVE MECHANISM						82
Y	207-0449	1	GEAR GP-FRONT						85
Y	220-1441	6	PISTON & ROD GP						115
Y	235-1402	6	PUMP GP-FUEL INJECTION						261
Y	148-7482	1	MECHANISM GP-FUEL PUMP & VALVE						99
			S/N: RHX1-2217						
Y	190-0009	1	MECHANISM GP-FUEL PUMP & VALVE						100
			S/N: RHX2218-UP						
Y-SEPARATE ILLUSTRATION									

ENGINE ARRANGEMENT

241-5934 ENGINE AR-CORE

S/N: RHX1-UP

PART OF 225-6106 ENGINE AR-COMPLETE
AN ATTACHMENT

SMCS-1000

i02831401

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	233-7245	1	ACTUATOR GP-VALVE (EXHAUST)						24
Y	234-5005	1	BASE GP-VALVE COVER & INJ HARN						27
Y	234-7935	1	CAMSHAFT GP						34
Y	223-9732	1	CRANKSHAFT GP						47
Y	261-0191	1	CYLINDER BLOCK GP						53
Y	235-2974	1	CYLINDER HEAD GP						70
			S/N: RHX1-4126						
Y	274-1953	1	CYLINDER HEAD GP						73
			S/N: RHX4127-UP						
Y	207-0449	1	GEAR GP-FRONT						85
Y	266-3699	1	MECHANISM GP-FUEL PUMP & VALVE						102
Y	220-1441	6	PISTON & ROD GP						115
Y	235-1402	6	PUMP GP-FUEL INJECTION						261

Y-SEPARATE ILLUSTRATION

ENGINE ARRANGEMENT

280-2166 ENGINE AR-CORE

S/N: RHX1783-2219

ADEM 4, WITHOUT BRAKE, TIER 3

PART OF 225-6065 ENGINE AR-COMPLETE

AN ATTACHMENT

SMCS-1000

i02430946

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	234-5005	1	BASE GP-VALVE COVER & INJ HARN						27
Y	234-7935	1	CAMSHAFT GP						34
Y	223-9732	1	CRANKSHAFT GP						47
Y	261-0191	1	CYLINDER BLOCK GP						53
Y	235-2974	1	CYLINDER HEAD GP						70
Y	109-1657	1	FASTENER GP-VALVE MECHANISM						82
Y	207-0449	1	GEAR GP-FRONT						85
Y	280-2167	1	MECHANISM GP-FUEL PUMP & VALVE						105
Y	220-1441	6	PISTON & ROD GP						115
Y	235-1402	6	PUMP GP-FUEL INJECTION						261

Y-SEPARATE ILLUSTRATION

ENGINE ARRANGEMENT

317-2767 ENGINE AR-CORE

S/N: RHX1-8297

PART OF 281-6452 ENGINE AR-COMPLETE
AN ATTACHMENT

SMCS-1000

i03146941

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	278-5662	1	BASE GP-VALVE COVER & INJ HARN						31
Y	314-9614	1	CAMSHAFT GP						35
Y	223-9732	1	CRANKSHAFT GP						47
Y	297-3207	1	CYLINDER BLOCK GP						
			S/N: RHX6416-6939						
Y	261-0191	1	CYLINDER BLOCK GP						53
			S/N: RHX6940-8297						
Y	274-1953	1	CYLINDER HEAD GP						73
Y	109-1657	1	FASTENER GP-VALVE MECHANISM						82
Y	207-0449	1	GEAR GP-FRONT						85
Y	190-0009	1	MECHANISM GP-FUEL PUMP & VALVE						100
Y	220-1441	6	PISTON & ROD GP						115
Y	235-1402	6	PUMP GP-FUEL INJECTION						261

Y-SEPARATE ILLUSTRATION

ENGINE ARRANGEMENT

226-9643 INSTALLATION AR-ENGINE

S/N: BXY1-UP

PART OF 225-4278, 284-2327 COMMON AR

SMCS-1000

i02355465

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	231-7084	1	AIR CLEANER GP						201
Y	262-5046	1	ALTERNATOR GP-CHARGING						278
Y	190-6563	1	BELT TENSIONER GP						33
Y	262-4948	1	COMPRESSOR GP-REFRIGERANT						1707
Y	164-5789	1	DRAIN GP-ENGINE OIL						76
Y	232-0364	1	DUST EJECTOR GP						204
Y	232-0362	1	EXTENSION GP-FUMES DISPOSAL						136
Y	232-0347	1	LINES GP-AIR						209
Y	233-7183	1	LINES GP-WATER (TURBOCHARGER)						182
Y	231-7090	1	MUFFLER GP						212
Y	170-1757	1	PULLEY GP-CRANKSHAFT						120
Y	240-2653	1	SHIELD GP-MANIFOLD (EXHAUST MANIFOLD)						213
Y	105-4729	1	STARTING MOTOR GP-ELECTRIC						443
			S/N: BXY1-507						
Y	265-9091	1	STARTING MOTOR GP-ELECTRIC						447
			S/N: BXY508-UP						
Y	132-6236	1	SUPPORT GP-ENGINE						134
Y	263-7358	1	VALVE GP-PURGE (FUEL SYSTEM AIR)						274
			S/N: BXY1-507						
Y	269-3947	1	PLUG GP-FUEL FILTER BASE (AIR PURGE)						258
			S/N: BXY507-UP						
Y-SEPARATE ILLUSTRATION									

BASIC ENGINE

233-7245 ACTUATOR GP-VALVE

S/N: RHX1-4608

24-VOLT. EXHAUST

PART OF 241-5934 ENGINE AR-CORE

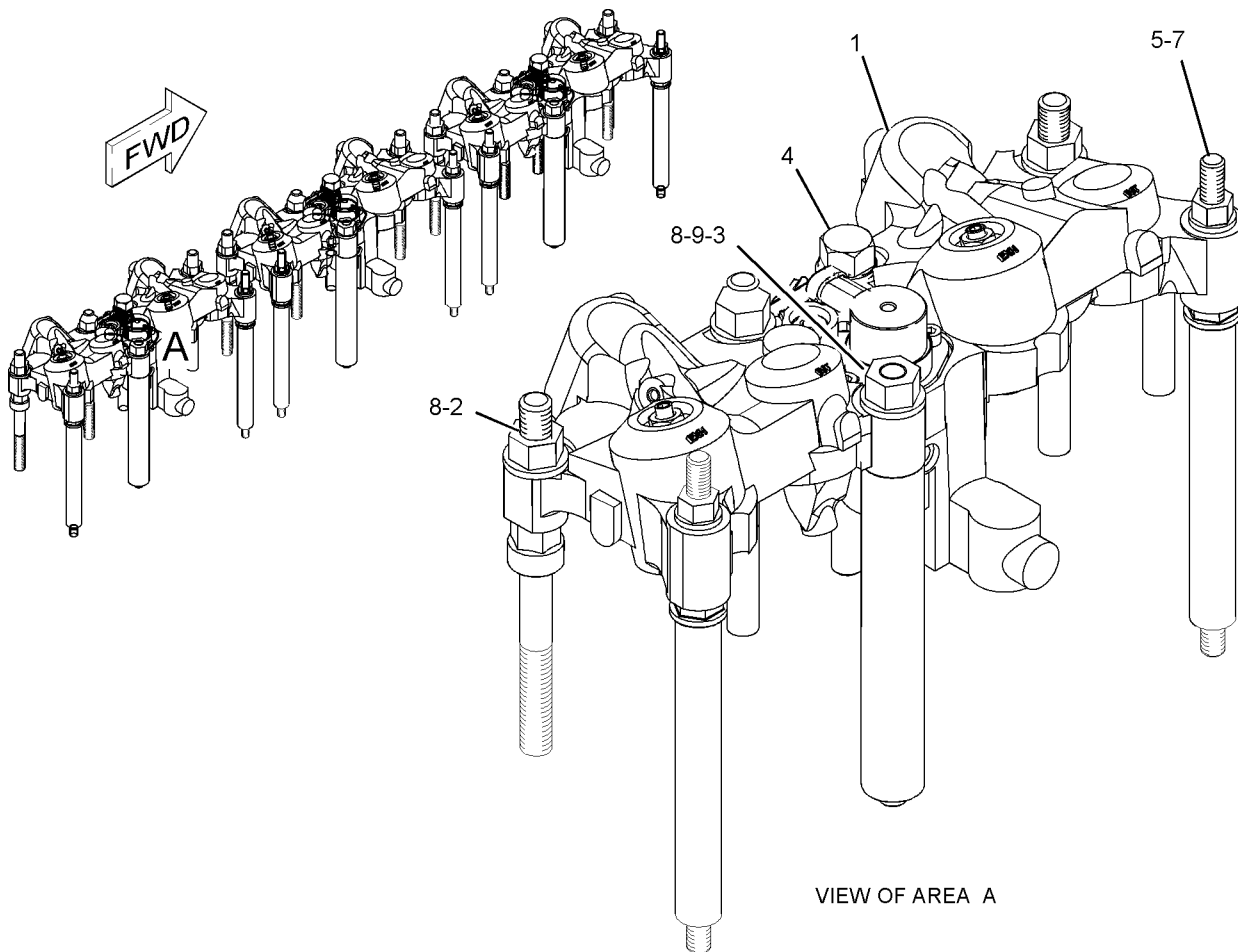
AN ATTACHMENT

SMCS-1130

i02796707

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
YR	1	1	239-9624	3	ENGINE BRAKE GP						79
	2	1	288-4109	9	STUD-SPECIAL (COMPRESSION BRAKE)						
	3	1	234-9505	3	SUPPORT						
	4	1	234-9508	3	BOLT (1/2-13X5.65-IN)						
	5	1	235-0658	6	STUD						
	7	1	235-1088	6	NUT (3/8-16-THD)						
	8	1	235-1089	12	NUT-FLANGE (1/2-13-THD)						
	9	1	8T-7062	3	STUD-TAPERLOCK (1/2-13X55, 1/2-13X21-MM)						

R-REMG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01089483

BASIC ENGINE

233-7245 ACTUATOR GP-VALVE

S/N: RHX4609-UP

24-VOLT. EXHAUST

PART OF 241-5934 ENGINE AR-CORE

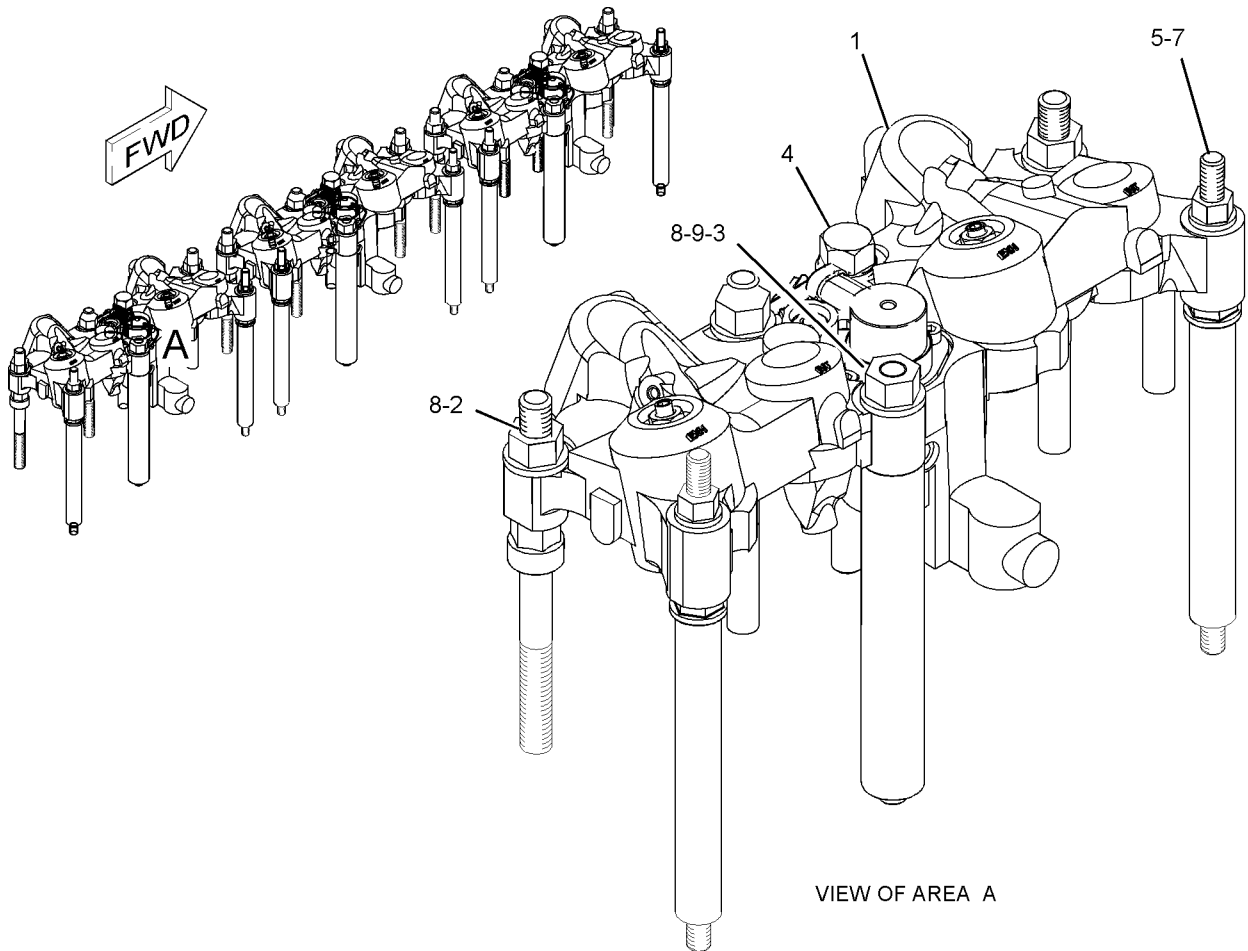
AN ATTACHMENT

SMCS-1130

i03362408

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
YR	1	1	239-9624	3	ENGINE BRAKE GP	79
C	2	1	304-9553	9	STUD	
	3	1	234-9505	3	SUPPORT	
	4	1	234-9508	3	BOLT (1/2-13X5.65-IN)	
C	5	1	282-3731	6	SPACER AS	
					(EACH INCLUDES)	
		1	294-3075	1	STUD-TAPERLOCK (3/8-16X1.79-IN)	
		1	294-3076	1	STUD-TAPERLOCK (3/8-16X3.1-IN)	
	7	1	235-1088	6	NUT (3/8-16-THD)	
	8	1	235-1089	12	NUT-FLANGE (1/2-13-THD)	
	9	1	8T-7062	3	STUD-TAPERLOCK (1/2-13X55, 1/2-13X21-MM)	

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



GRAPHIC #1

<END>

g01089483

BASIC ENGINE

133-9907 ADAPTER GP-PUMP DRIVE

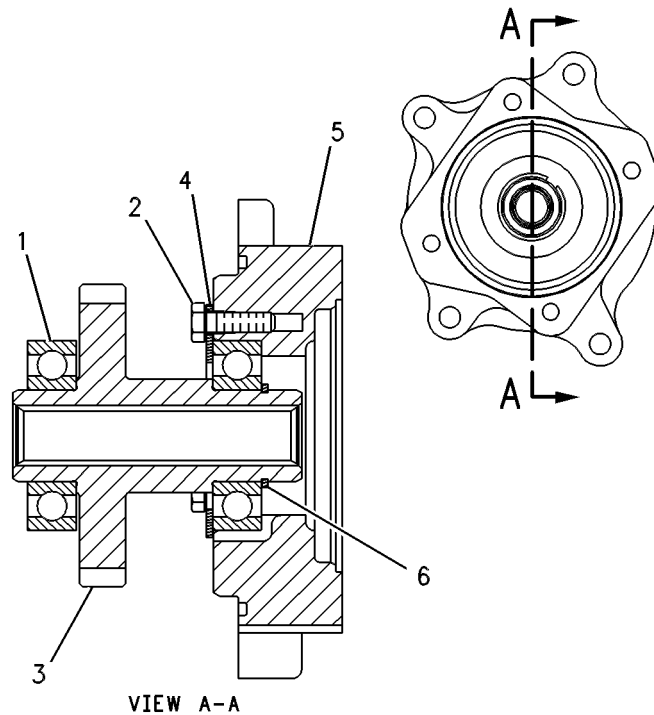
S/N: RHX1-UP

PART OF 6I-3638 DRIVE GP-PUMP
AN ATTACHMENT

SMCS-3108

i03260721

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1B-3867	2	BALL BEARING						
	2	1	4F-7957	3	BOLT (1/4-20X0.875-IN)						
	3	1	6I-4575	1	GEAR (34-TEETH)						
	4	1	9X-2038	3	WASHER (7X19X2-MM THK)						
	5	1	133-9906	1	ADAPTER						
	6	1	1H-8647	1	RING-SNAP						



GRAPHIC #1

<END>

g00263602

BASIC ENGINE

234-5005 BASE GP-VALVE COVER & INJ HARN

S/N: RHX1-5201

PART OF 241-5933, 241-5934, 280-2166 ENGINE AR-CORE
AN ATTACHMENT

SMCS-1120, 1408

i03622540

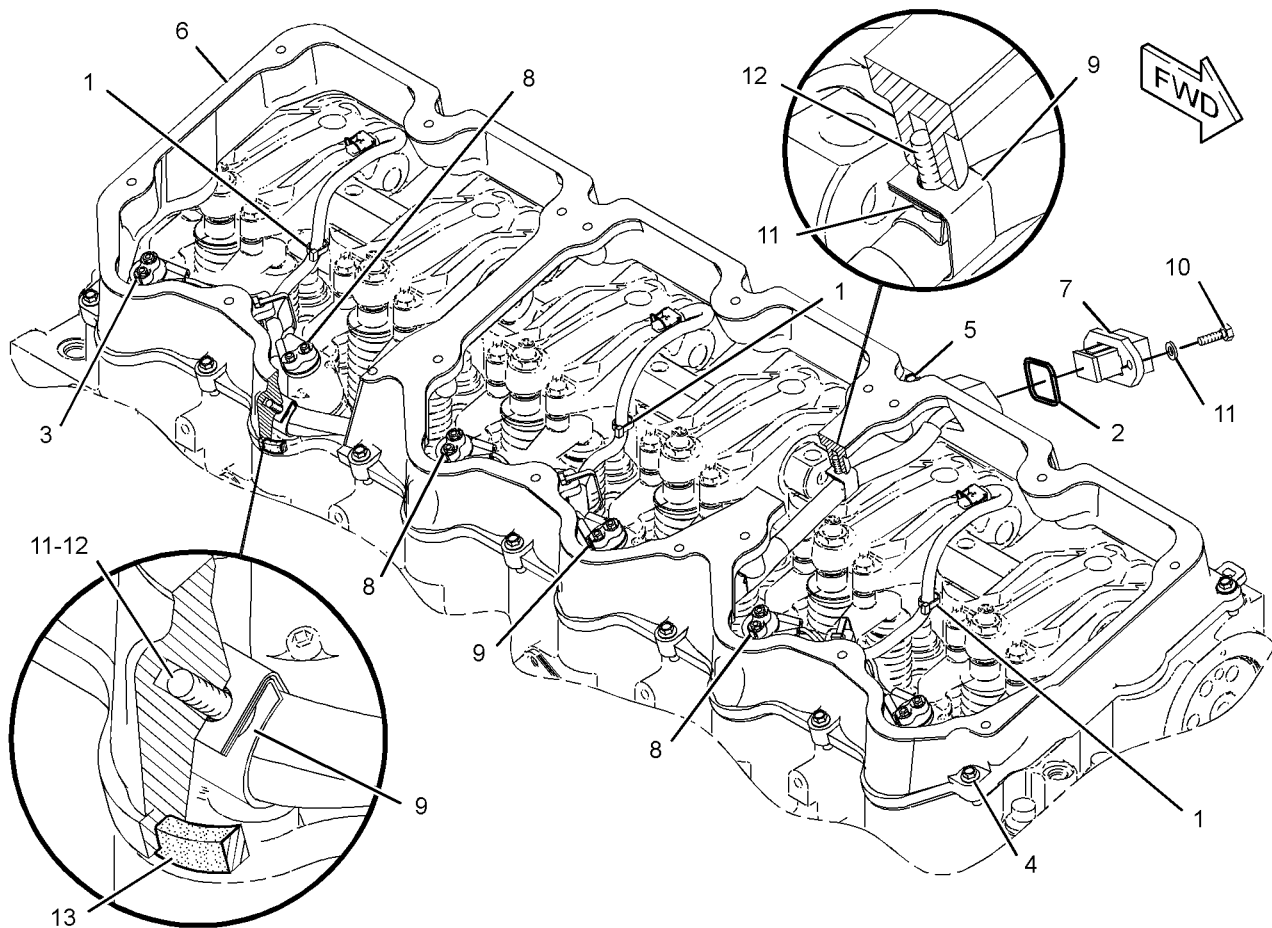
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	123-3202	3	STRAP-CABLE						
	2	1	6V-0128	1	SEAL-CONNECTOR						
	3	1	7E-6508	6	CAP AS						
	4	1	9L-8925	14	BOLT (5/16-18X1.25-IN)						
	5	1	122-1472	1	BOLT (5/16-18X2.36-IN)						
	6	1	177-4152	1	BASE-VALVE MECHANISM COVER						
	7	1	234-5002	1	HARNESS AS-ENGINE (INJECTOR, VARIABLE VALVE)						
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	103-8134	1	KIT-RECEPTACLE (12-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	3S-2093	6	STRAP-CABLE						
E		1	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (13-CM)						
E		1	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (15-CM)						
		1	9X-3401	12	PIN-CONNECTOR (16-GA TO 18-GA)						
					-OR-						
		1	126-1767	12	PIN-CONNECTOR (14-GA)						
	8	1	100-5218	3	CLIP						
	9	1	100-5219	3	CLIP						
	10	1	4F-7957	2	BOLT (1/4-20X0.875-IN)						
	11	1	5P-0537	8	WASHER-HARD (7.2X14.5X2-MM THK)						
	12	1	8H-3127	6	BOLT (1/4-20X0.75-IN)						
	13	1	5P-5678	1	SEAL						

E-ORDER BY THE CENTIMETER

BASIC ENGINE

234-5005 BASE GP-VALVE COVER & INJ HARN (contd.)

i03622540



GRAPHIC #1

<END>

g01677199

BASIC ENGINE

234-5005 BASE GP-VALVE COVER & INJ HARN

S/N: RHX5202-5743

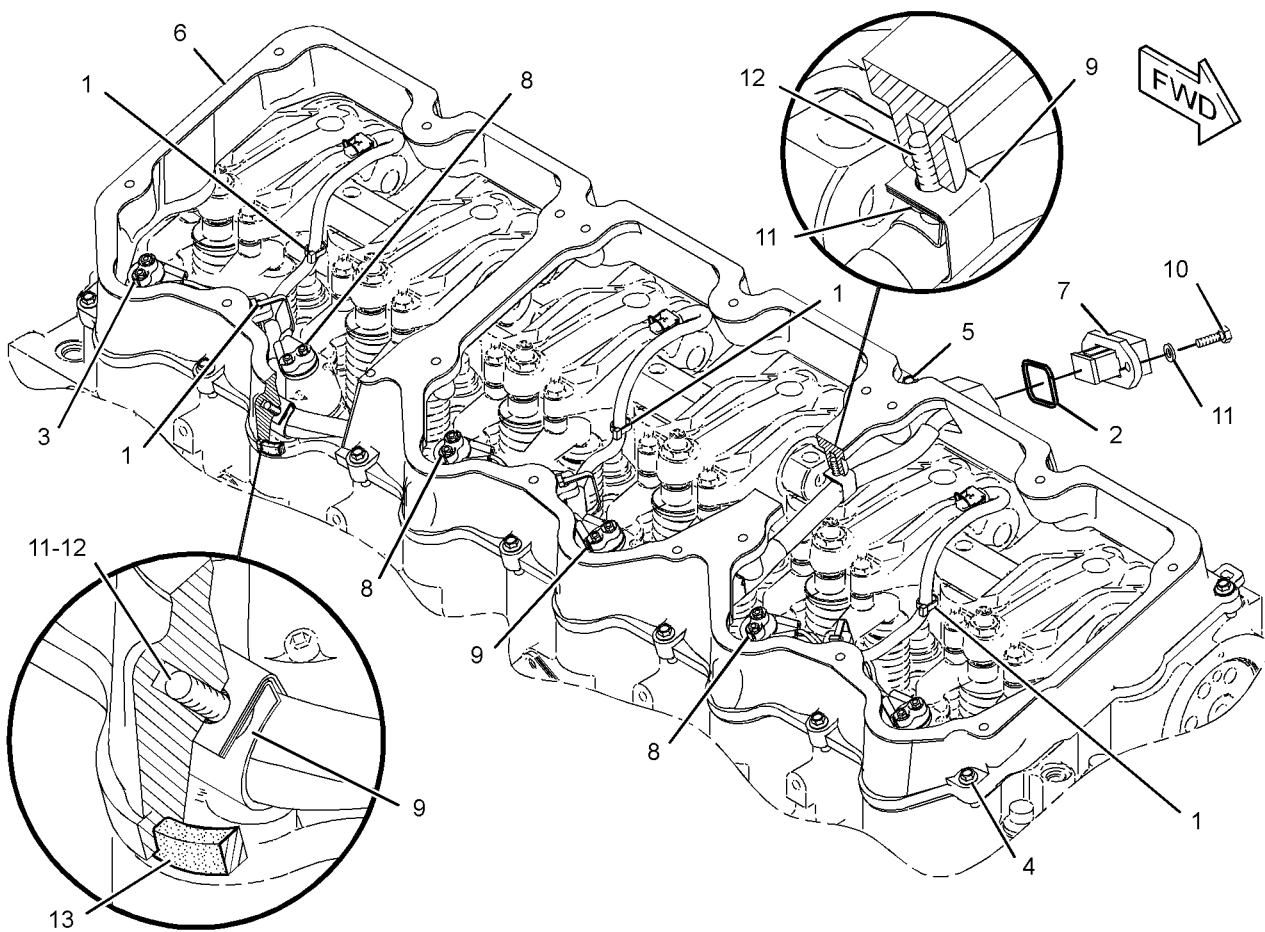
**PART OF 241-5934 ENGINE AR-CORE
AN ATTACHMENT**

SMCS-1120, 1408

i03372400

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
C	1	1	123-3202	6	STRAP-CABLE	
	2	1	6V-0128	1	SEAL-CONNECTOR	
	3	1	7E-6508	6	CAP AS	
	4	1	9L-8925	14	BOLT (5/16-18X1.25-IN)	
	5	1	122-1472	1	BOLT (5/16-18X2.36-IN)	
C	6	1	289-8215	1	BASE-VALVE MECHANISM COVER	
	7	1	234-5002	1	HARNESS AS-ENGINE (INJECTOR, VARIABLE VALVE)	
	8	1	100-5218	3	CLIP	
	9	1	100-5219	3	CLIP	
	10	1	4F-7957	2	BOLT (1/4-20X0.875-IN)	
	11	1	5P-0537	8	WASHER-HARD (7.2X14.5X2-MM THK)	
	12	1	8H-3127	6	BOLT (1/4-20X0.75-IN)	
C	13	1	272-0390	1	SEAL	

C-CHANGE FROM PREVIOUS TYPE
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GRAPHIC #1

<END>

g01418424

BASIC ENGINE

234-5005 BASE GP-VALVE COVER & INJ HARN

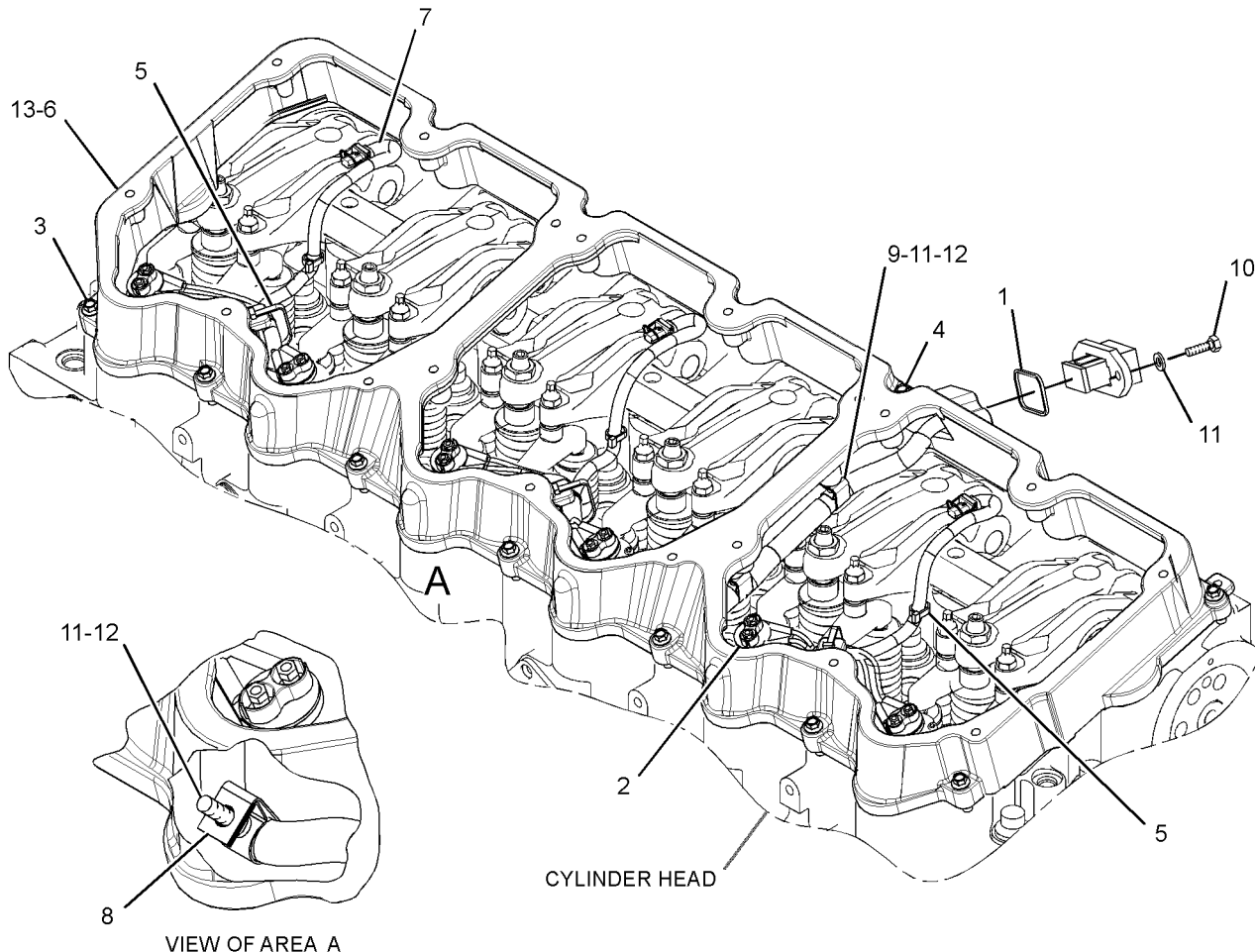
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PART OF 241-5934 ENGINE AR-CORE
AN ATTACHMENT

SMCS-1120, 1408

i03640766

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	7E-6508	6	CAP AS						
	3	1	9L-8925	14	BOLT (5/16-18X1.25-IN)						
	4	1	122-1472	1	BOLT (5/16-18X2.36-IN)						
	5	1	123-3202	6	STRAP-CABLE						
	6	1	289-8215	1	BASE-VALVE MECHANISM COVER						
	7	1	307-1610	1	HARNESS AS-ENGINE						
		1	3S-2093	6	STRAP-CABLE						
		1	103-8134		KIT-RECEPTACLE (12-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	8	1	100-5218	3	CLIP						
	9	1	100-5219	3	CLIP						
	10	1	4F-7957	2	BOLT (1/4-20X0.875-IN)						
	11	1	5P-0537	8	WASHER-HARD (7.2X14.5X2-MM THK)						
	12	1	8H-3127	6	BOLT (1/4-20X0.75-IN)						
	13	1	272-0390	1	SEAL						



GRAPHIC #1

<END>

g01745775

BASIC ENGINE

278-5662 BASE GP-VALVE COVER & INJ HARN

S/N: RHX2220-5201

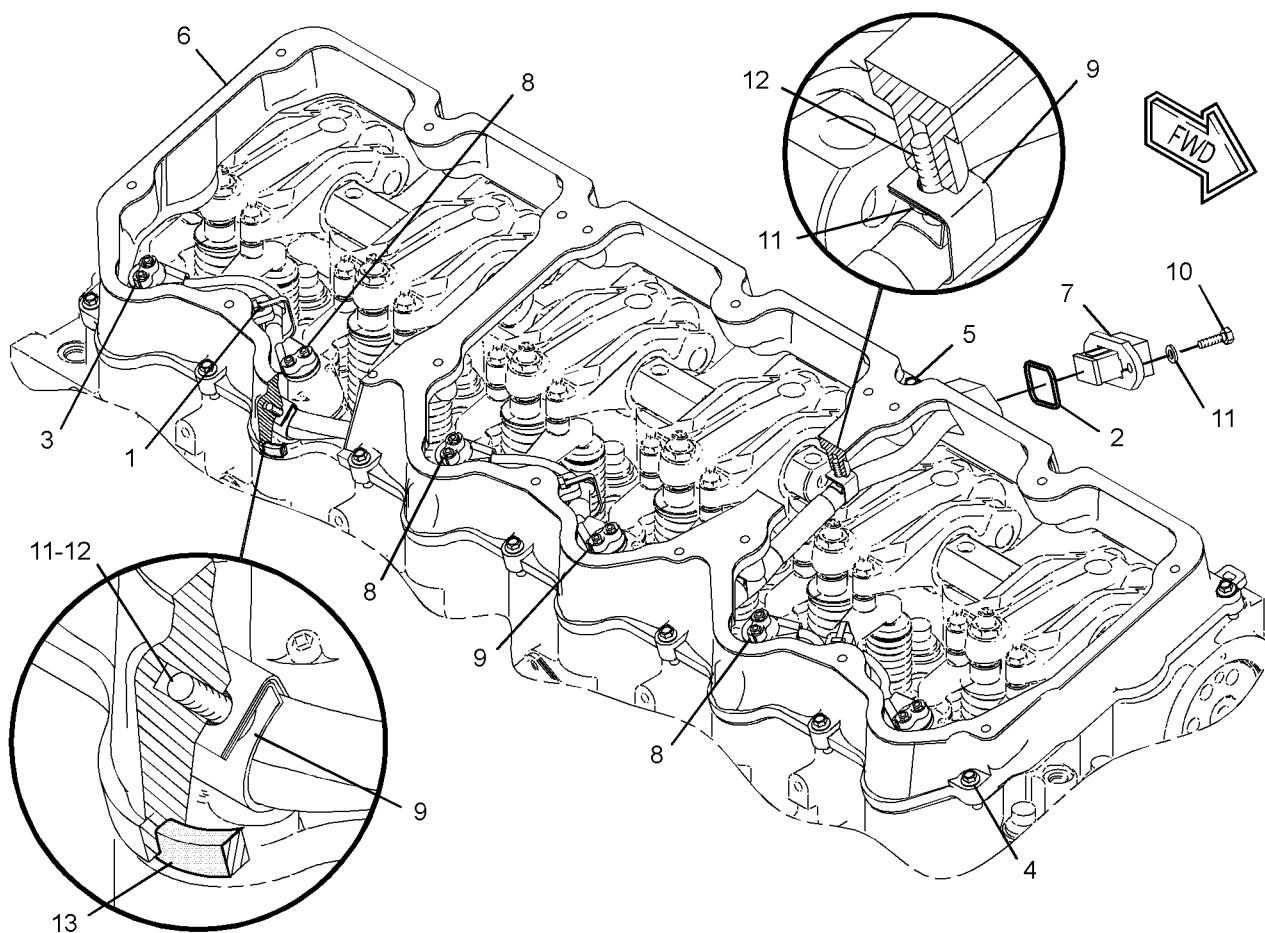
PART OF 241-5933 ENGINE AR-CORE
AN ATTACHMENT

SMCS-1120, 1408

i02673384

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	123-3202	3	STRAP-CABLE	
	2	1	6V-0128	1	SEAL-CONNECTOR	
	3	1	7E-6508	6	CAP AS	
	4	1	9L-8925	14	BOLT (5/16-18X1.25-IN)	
	5	1	122-1472	1	BOLT (5/16-18X2.36-IN)	
	6	1	177-4152	1	BASE-VALVE MECHANISM COVER	
	7	1	278-5657	1	HARNESS AS-ENGINE (UNIT INJECTOR)	
		1	103-8134	1	KIT-RECEPTACLE (12-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
	8	1	100-5218	3	CLIP	
	9	1	100-5219	3	CLIP	
	10	1	4F-7957	2	BOLT (1/4-20X0.875-IN)	
	11	1	5P-0537	8	WASHER-HARD (7.2X14.5X2-MM THK)	
	12	1	8H-3127	6	BOLT (1/4-20X0.75-IN)	
D	13	1	5P-5678		SEAL (2.9-M)	

D-ORDER BY THE METER



GRAPHIC #1

<END>

g01213201

BASIC ENGINE

278-5662 BASE GP-VALVE COVER & INJ HARN

S/N: RHX1-UP

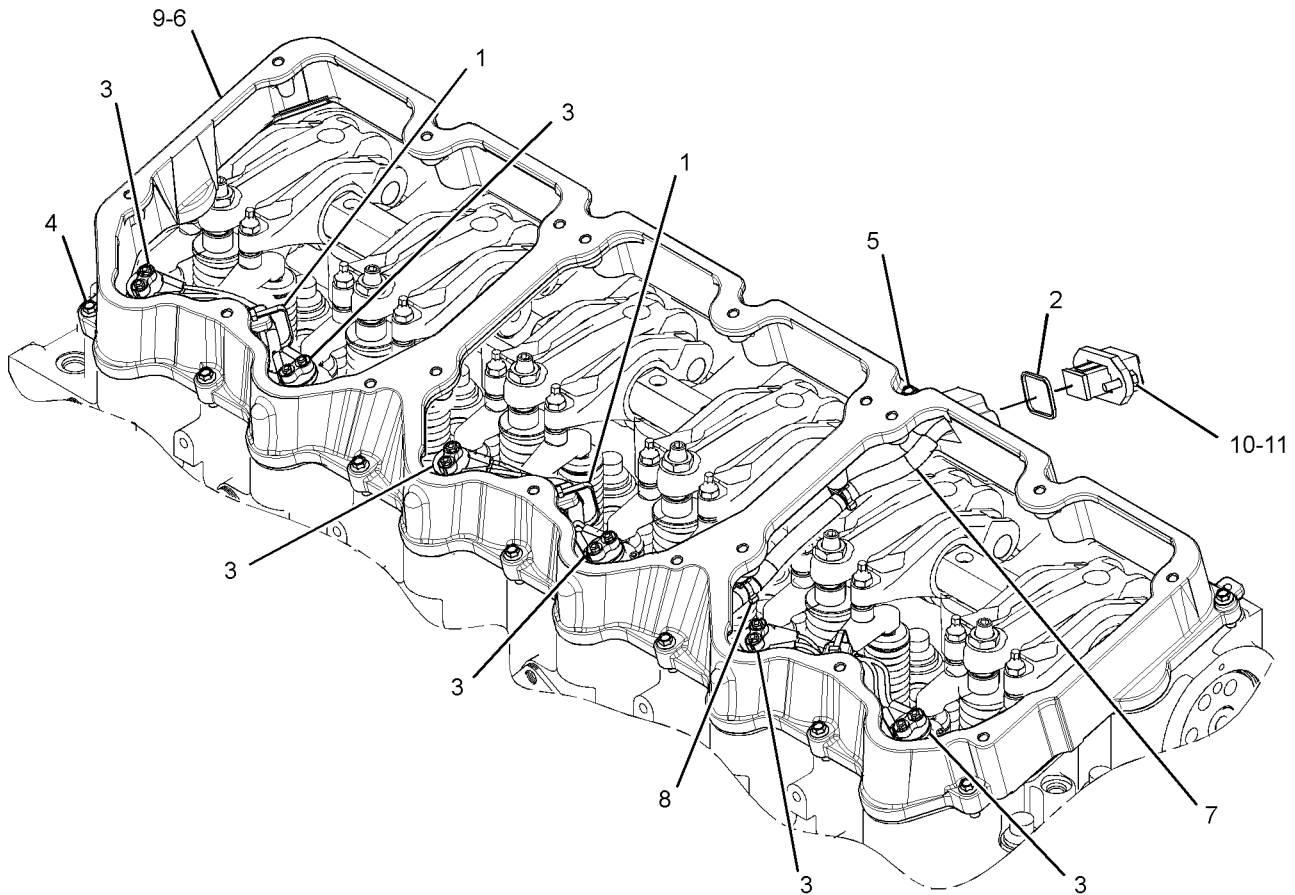
PART OF 241-5933, 317-2767 ENGINE AR-CORE
AN ATTACHMENT

SMCS-1120, 1408

i03799406

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	123-3202	3	STRAP-CABLE	
	2	1	6V-0128	1	SEAL-CONNECTOR	
	3	1	7E-6508	6	CAP AS	
	4	1	9L-8925	14	BOLT (5/16-18X1.25-IN)	
	5	1	122-1472	1	BOLT (5/16-18X2.36-IN)	
C	6	1	289-8215	1	BASE-VALVE MECHANISM COVER	
	7	1	343-9866	1	HARNESS AS-ENGINE (UNIT INJECTOR)	
		1	103-8134	1	KIT-RECEPTACLE (12-PIN)	
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)	
					(EACH KIT INCLUDES RECEPTACLE AS & WEDGE)	
		1	7E-6513	6	CONNECTOR AS	
		1	8T-8737	3	PLUG-SEAL	
		1	180-9339	9	PIN-CONNECTOR (14-GA TO 18-GA)	
	8	1	326-4512	6	MOUNTING-CABLE TIE	
C	9	1	272-0390	1	SEAL	
	10	1	4F-7957	2	BOLT (1/4-20X0.875-IN)	
	11	1	5P-0537	2	WASHER-HARD (7.2X14.5X2-MM THK)	

C-CHANGE FROM PREVIOUS TYPE



GRAPHIC #1

<END>

g02060774

BASIC ENGINE

190-6563 BELT TENSIONER GP

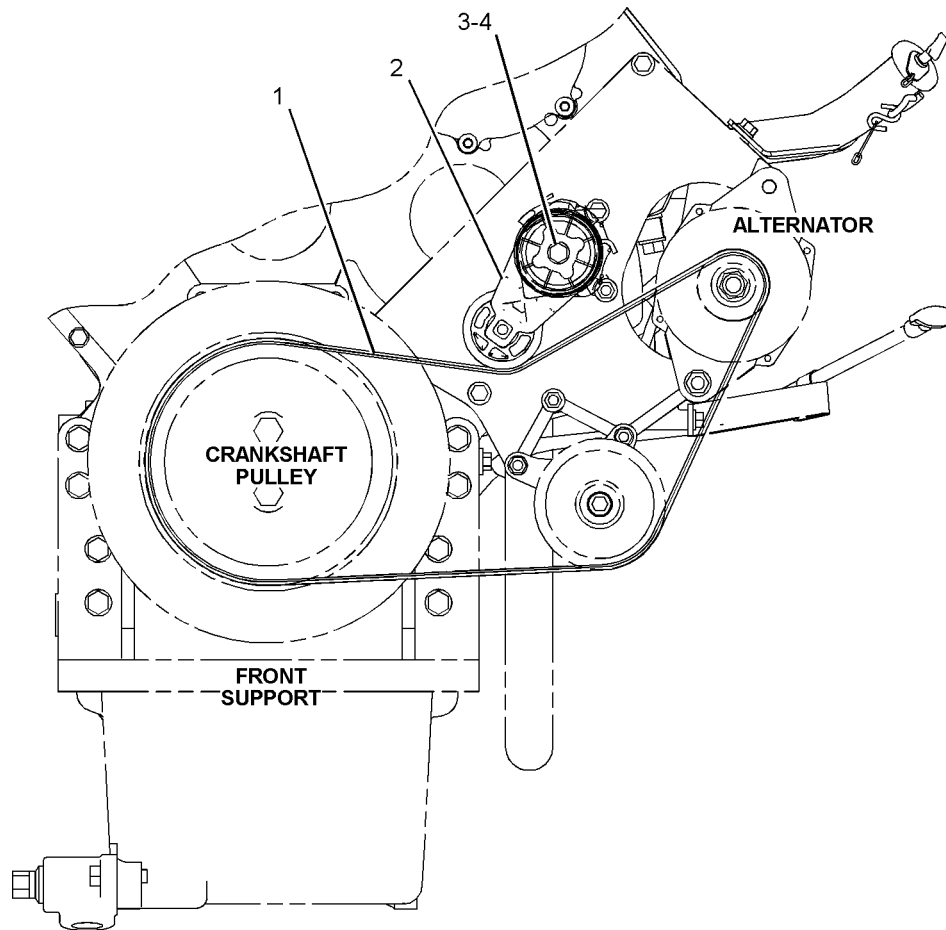
S/N: BXY1-UP

PART OF 226-9643 INSTALLATION AR-ENGINE
FOR USE WITH A 62 MILLIMETER DIAMETER PULLEY

SMCS-1357, 1358, 1397

i02085766

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	190-6560	1	BELT -SERPENTINE						
	2	1	217-8938	1	BELT TENSIONER						
	3	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						
M	4	1	8T-4178	1	BOLT (M10X1.5X90-MM)						
M-METRIC PART											



FRONT VIEW
<END>

GRAPHIC #1

g01082851

BASIC ENGINE

234-7935 CAMSHAFT GP

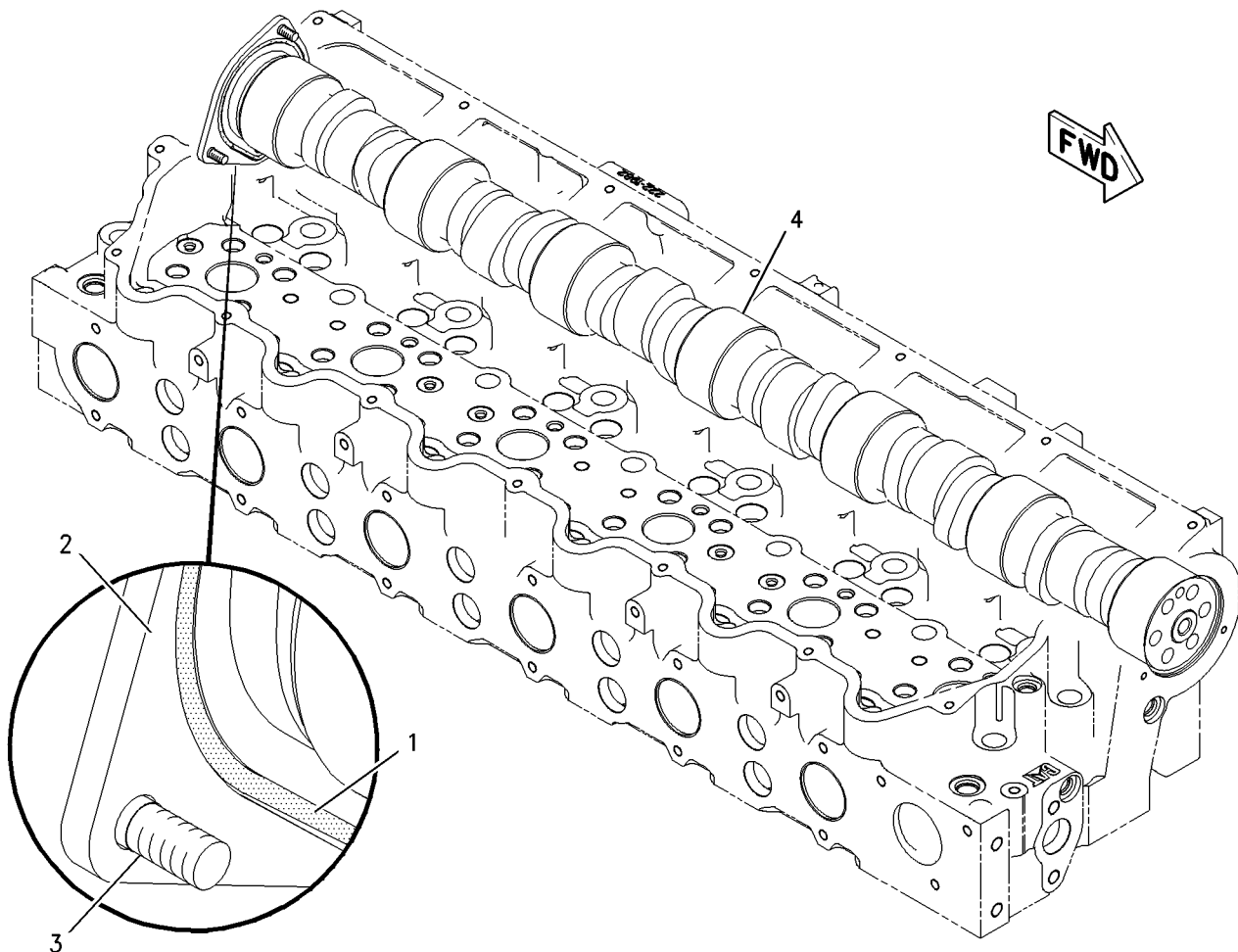
S/N: RHX1-UP

PART OF 241-5933, 241-5934, 280-2166 ENGINE AR-CORE
AN ATTACHMENT

SMCS-1210, 1211, 1212

i03482504

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6V-1197	1	SEAL-O-RING						
	2	1	102-9089	1	COVER						
	3	1	119-0036	3	SCREW-FLAT HEAD (5/16-18X0.875-IN)						
	4	1	332-7298	1	CAMSHAFT						



GRAPHIC #1

<END>

g01002422

BASIC ENGINE

314-9614 CAMSHAFT GP

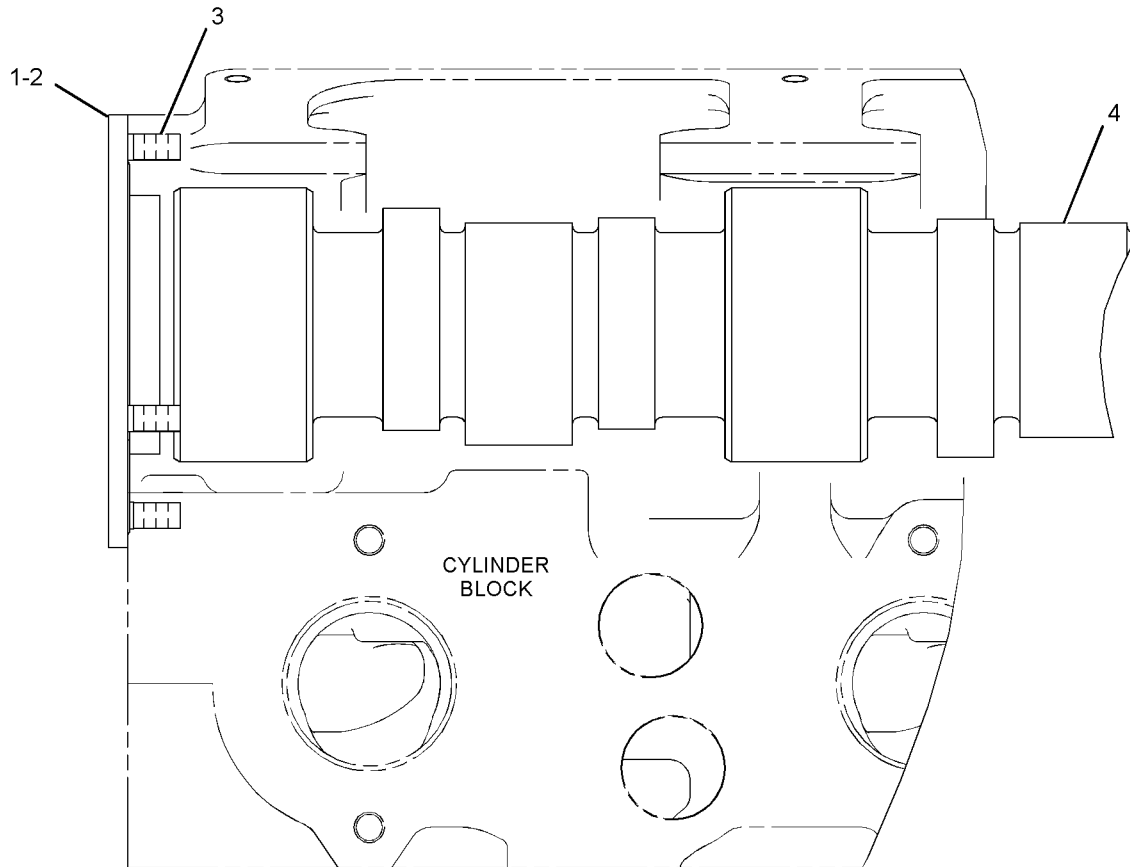
S/N: RHX1-UP

PART OF 317-2767 ENGINE AR-CORE
AN ATTACHMENT

SMCS-1210, 1211, 1212

i02973255

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6V-1197	1	SEAL-O-RING						
	2	1	102-9089	1	COVER						
	3	1	119-0036	3	SCREW-FLAT HEAD (5/16-18X0.875-IN)						
	4	1	310-7612	1	CAMSHAFT						



RIGHT SIDE VIEW OF ENGINE

GRAPHIC #1

<END>

g01503366

BASIC ENGINE

107-6736 COVER GP-CYLINDER BLOCK

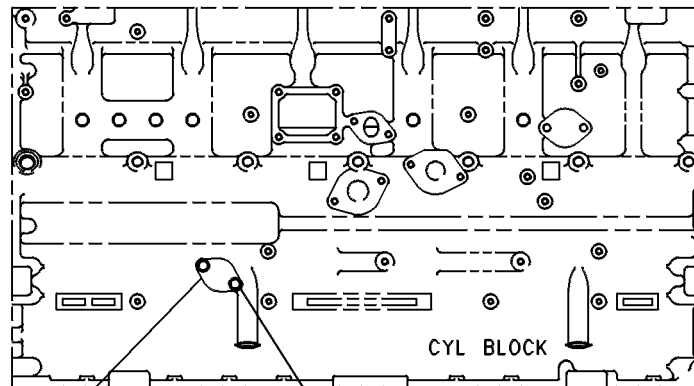
S/N: RHX1-UP

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMplete
FOR USE WITH MID MOUNTED TURBO AND/OR RH OIL FILL
AN ATTACHMENT

SMCS-1201

i02763877

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	0S-1594	2	BOLT (3/8-16X1-IN)						
	2	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	3	1	4W-9890	1	COVER						
	4	1	4N-0699	1	GASKET						



4-3 1-2

LEFT SIDE VIEW

GRAPHIC #1

<END>

g00244599

BASIC ENGINE

140-9746 COVER GP-CYLINDER BLOCK

S/N: RHX1-UP

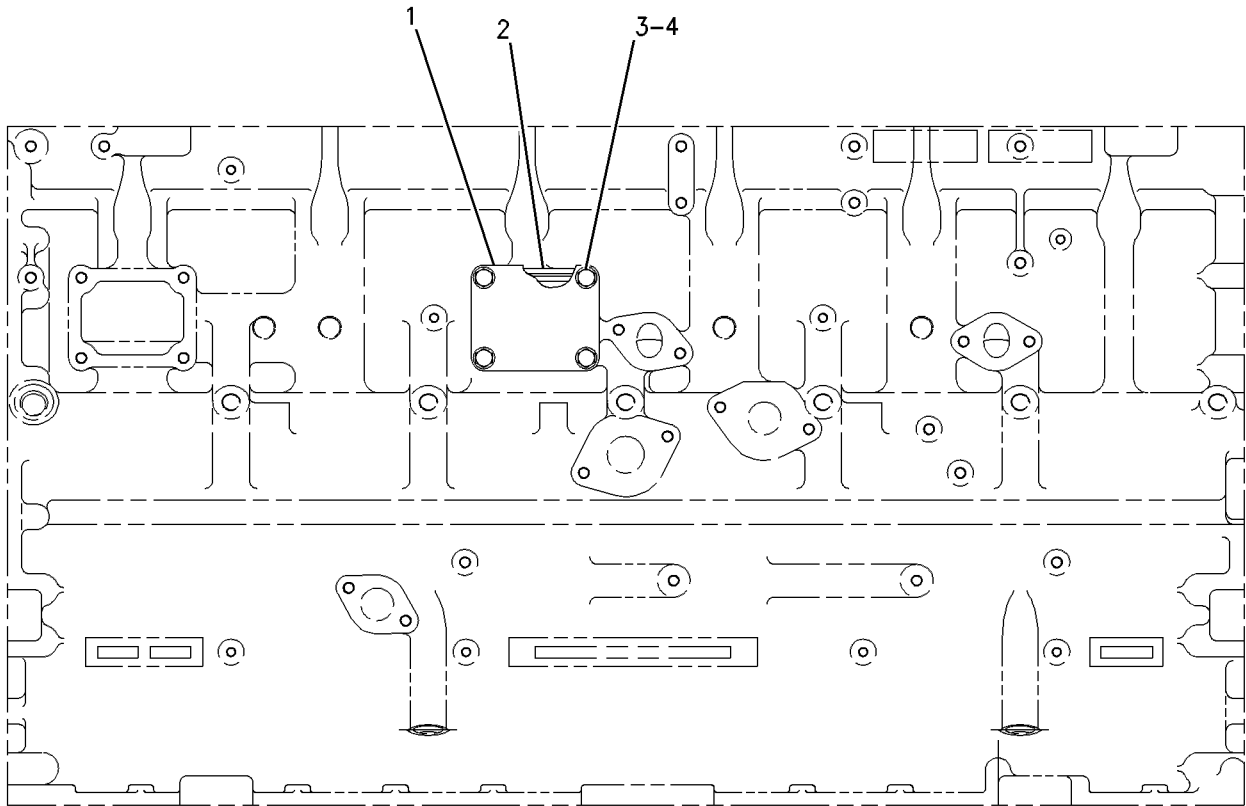
NO. 4 CYLINDER WATER OPENING

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMplete
AN ATTACHMENT

SMCS-1201

i02668546

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	145-3849	1	COVER						
	2	1	126-4935	1	SEAL- INTEGRAL						
	3	1	0S-1594	4	BOLT (3/8-16X1-IN)						
	4	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5-MM THK)						



GRAPHIC #1

<END>

g00506684

BASIC ENGINE

120-9847 COVER GP-FRONT HOUSING

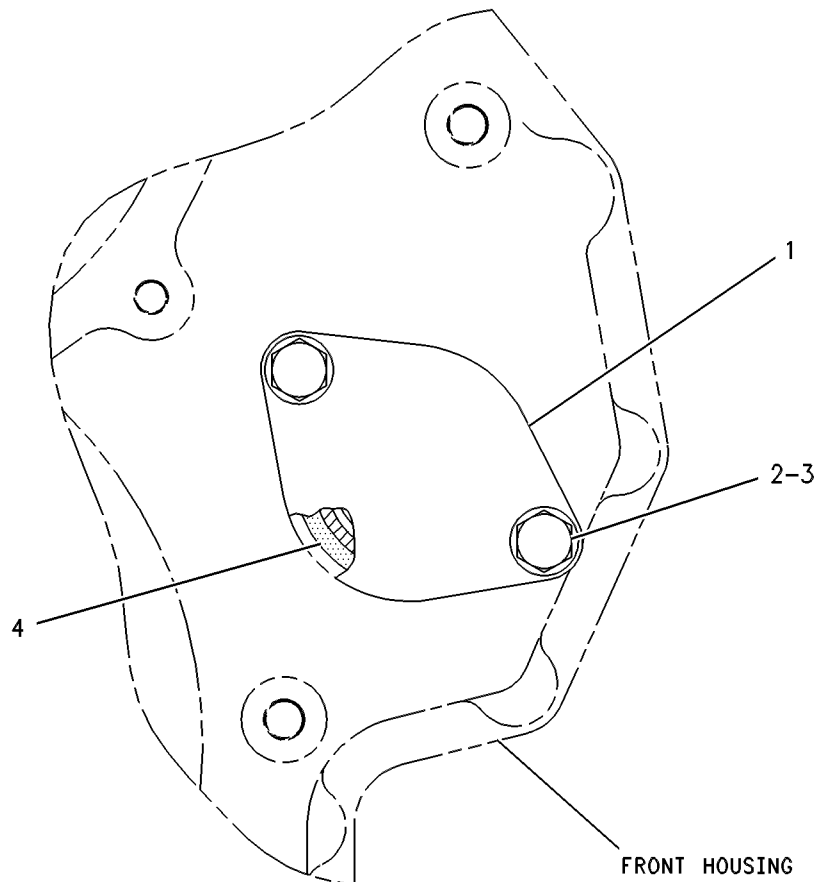
S/N: RHX1-UP

PROVIDES COVER FOR OIL FILLER OPENING ON FRONT HOUSING
PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMplete
AN ATTACHMENT

SMCS-1151, 1166

i00670788

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7C-1445	1	COVER						
	2	1	2B-2695	2	BOLT (5/16-18X0.875-IN)						
	3	1	9M-1974	2	WASHER-HARD (8.8X16X2-MM THK)						
	4	1	061-9455	1	SEAL-O-RING						



GRAPHIC #1

<END>

g00252251

BASIC ENGINE

159-6159 COVER GP-FRONT HOUSING

S/N: RHX1-UP

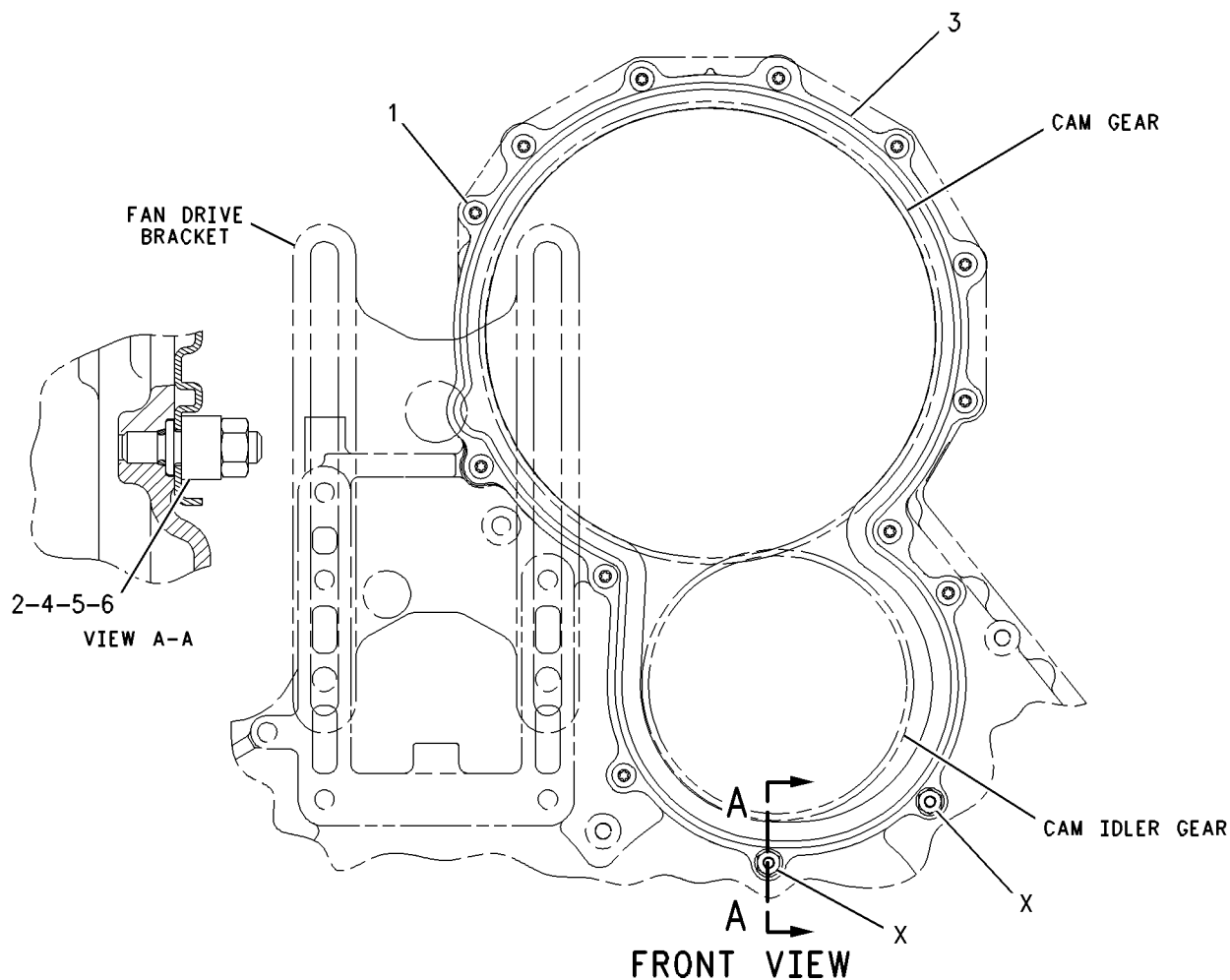
CAM AND IDLER GEAR ACCESS

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMPLETE
AN ATTACHMENT

SMCS-1151, 1166

i03784814

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	297-1813	12	SCREW-HEAD (5/16-18X1-IN)	
	2	1	175-1367	2	SPACER (8.8X16X10-MM THK) (MARKED X)	
	3	1	209-3569	1	COVER GP-FRONT HOUSING	
		1	160-7271	1	SEAL	
	4	1	031-4155	2	LOCKNUT (5/16-18-THD) (MARKED X)	
	5	1	175-1366	2	STUD (MARKED X)	
	6	1	238-5078	2	SEAL-O-RING (MARKED X)	



GRAPHIC #1

<END>

g00631258

BASIC ENGINE

230-0104 COVER GP-SOUND SUPPRESSION-FRONT HOUSING

S/N: RHX1-UP

FOR THE WATER PUMP AREA

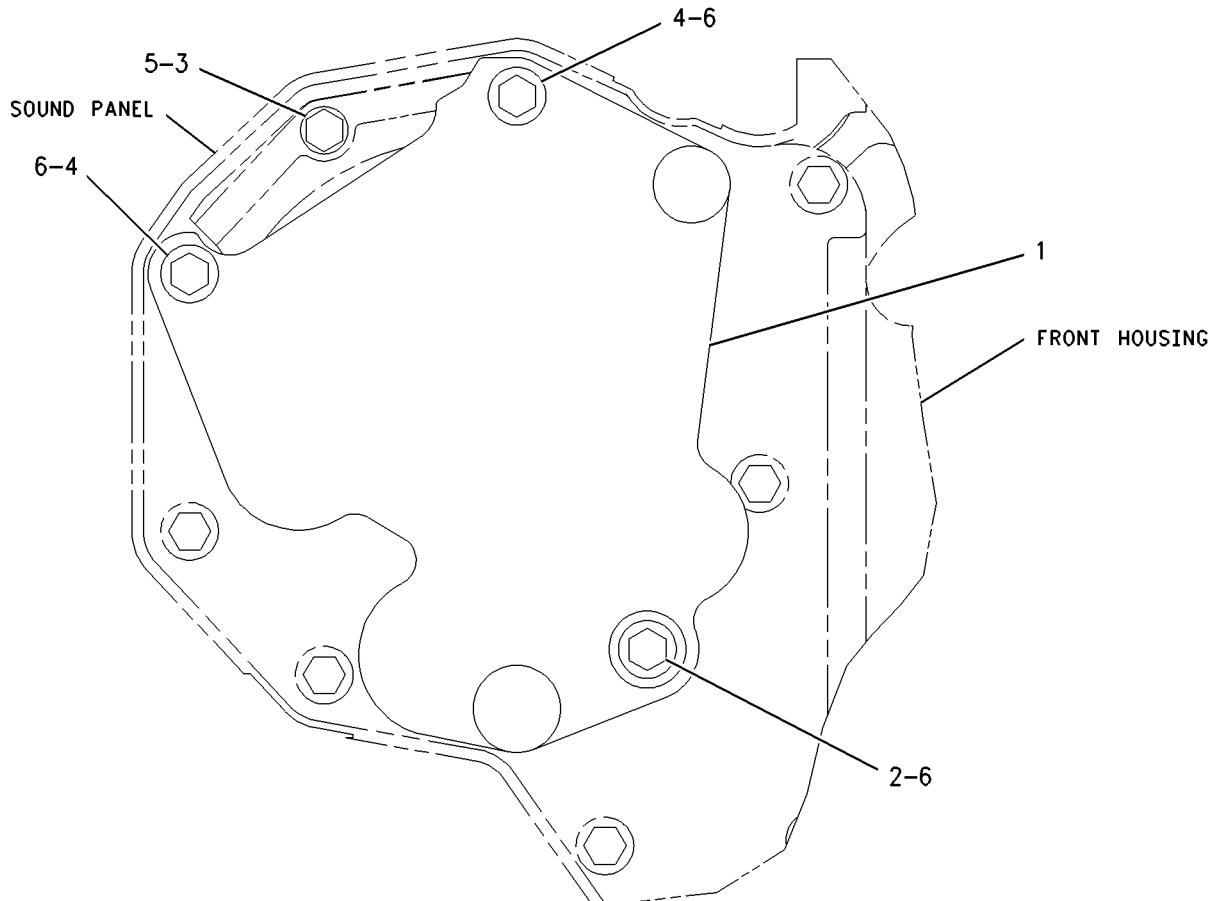
PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMPLETE

FOR USE WITH FULL FRONT SOUND SUPPRESSION PANEL GROUP. CANNOT BE USED WITH
ALTERNATOR MOUNTING GROUP AND ACCESSORY DRIVE GROUP
AN ATTACHMENT

SMCS-1801

i01897574

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	100-3098	1	COVER AS-PANEL						
	2	1	0S-1588	1	BOLT (3/8-16X1.25 IN)						
	3	1	0T-0055	1	BOLT (3/8-16X4.25 IN)						
	4	1	1A-5183	2	BOLT (3/8-16X4.75 IN)						
	5	1	5M-2894	1	WASHER-HARD (10.2X18.5X2.5MM THK)						
	6	1	9X-6458	3	WASHER-HARD (10.2X22.5X3MM THK)						



FRONT VIEW

GRAPHIC #1

<END>

g00987886

BASIC ENGINE

150-3135 COVER GP-VALVE MECHANISM

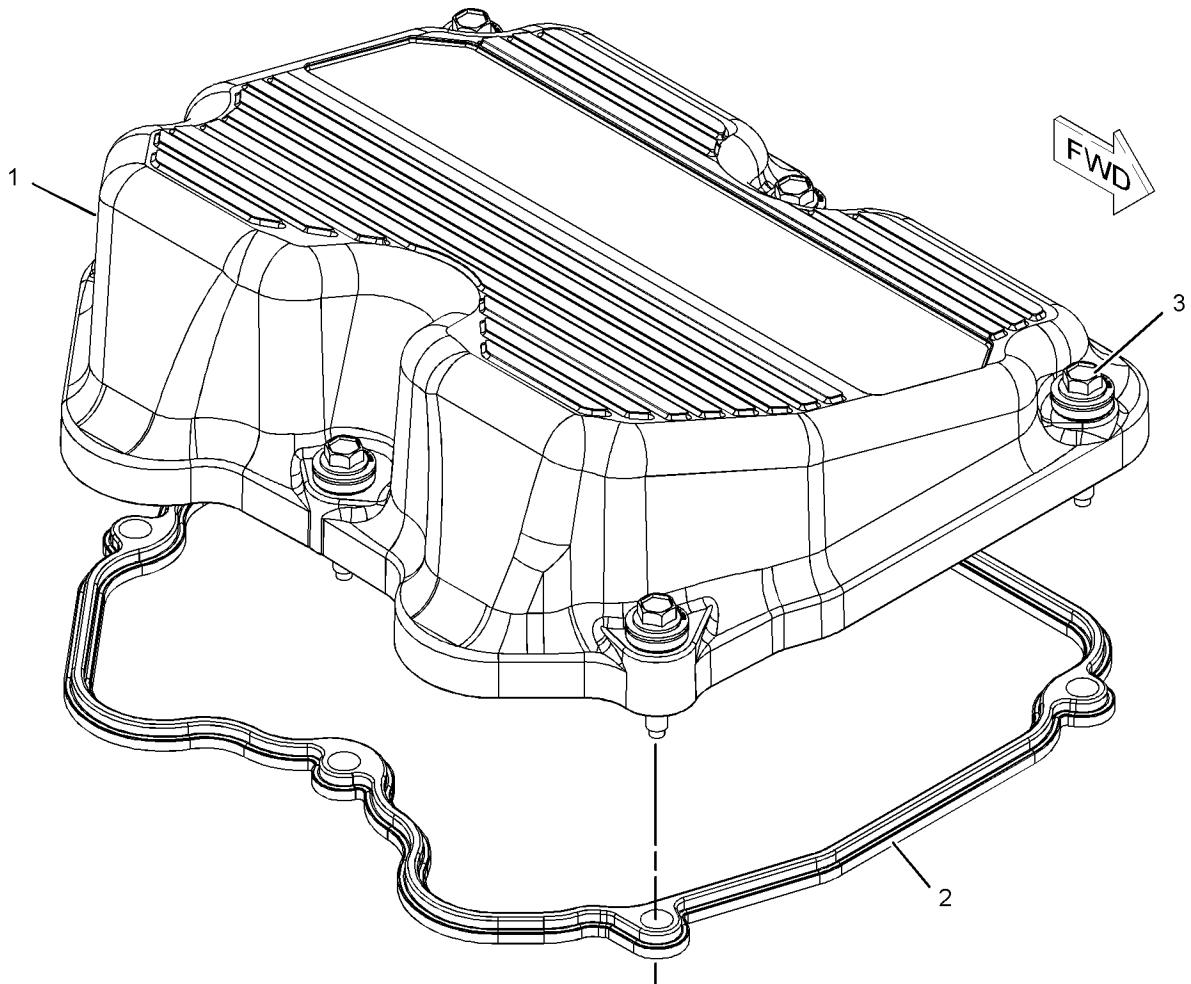
S/N: RHX8292-UP

PART OF 187-1328 COVER GP-VALVE MECHANISM
AN ATTACHMENT

SMCS-1107

i02207417

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	150-2557	1	COVER-VALVE MECH						
	2	1	242-9537	1	SEAL-VALVE COVER						
	3	1	243-1159	6	FASTENER AS						
					(EACH INCLUDES)						
		1	149-7378	1	GROMMET						



GRAPHIC #1

<END>

g01055147

BASIC ENGINE

187-1328 COVER GP-VALVE MECHANISM

S/N: RHX8291-UP

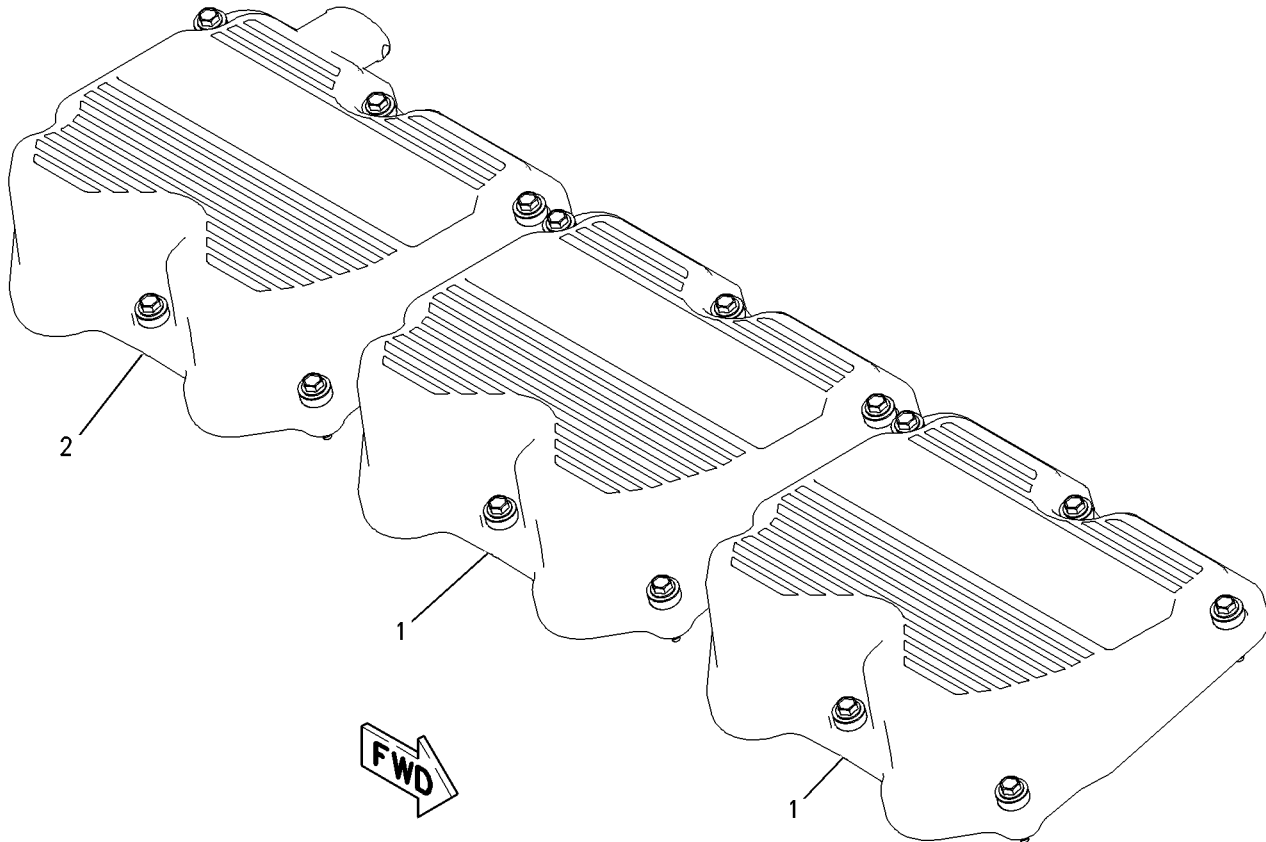
REAR MOUNTED BREATHER, NO OIL FILL

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMplete
AN ATTACHMENT

SMCS-1107

i03636768

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	150-3135	2	COVER	GP-VALVE	MECHANISM				41
CY	2	1	341-6804	1	COVER	GP-VALVE	MECHANISM				46
C-CHANGE FROM PREVIOUS TYPE											
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g00740203

BASIC ENGINE

225-1148 COVER GP-VALVE MECHANISM

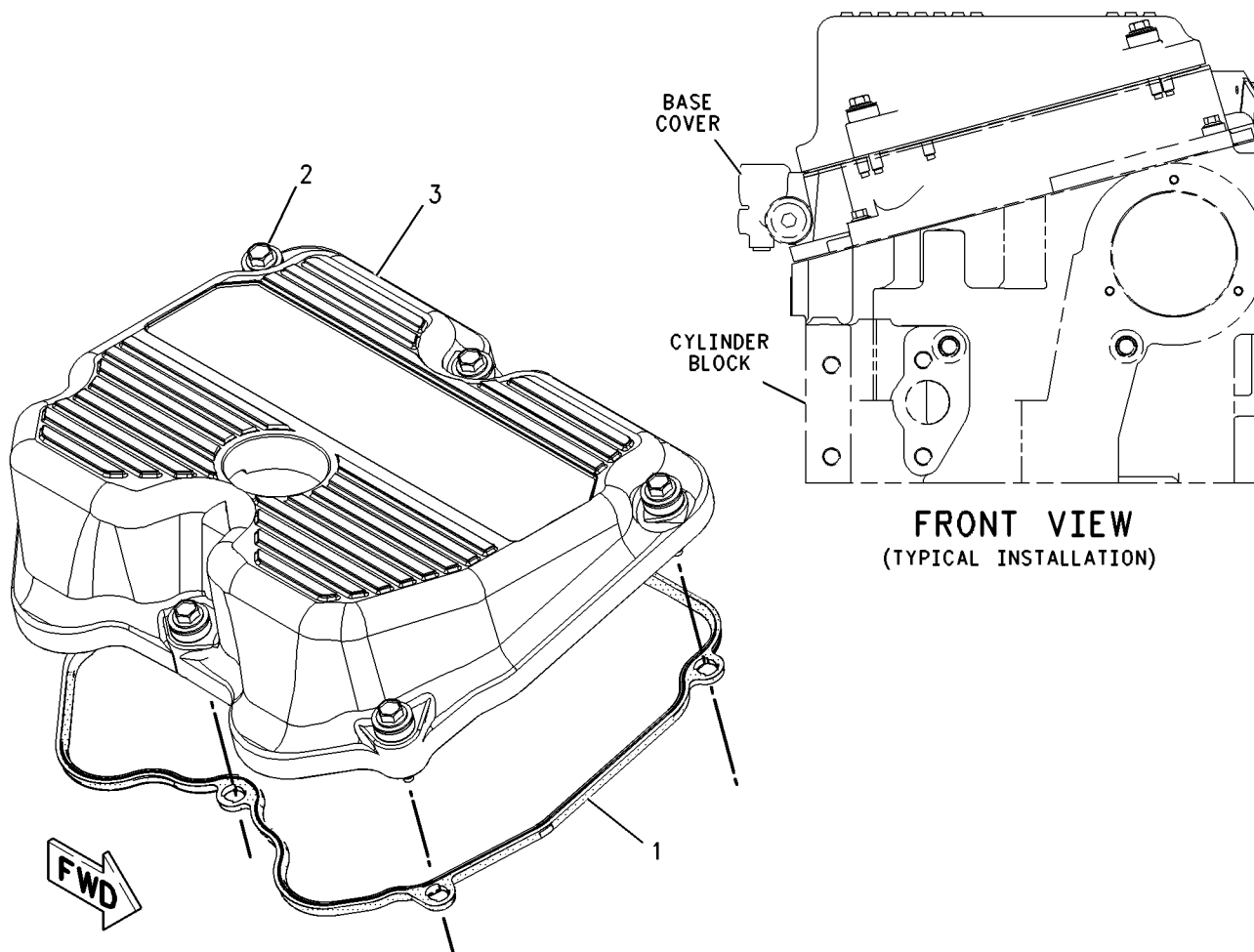
S/N: RHX1-UP

PART OF 239-4113 COVER GP-VALVE MECHANISM
AN ATTACHMENT

SMCS-1107

i02810054

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	242-9537	1	SEAL-VALVE COVER						
	2	1	243-1159	6	FASTENER AS						
					(EACH INCLUDES)						
		1	149-7378	1	GROMMET						
	3	1	225-1144	1	COVER-VALVE						



GRAPHIC #1

<END>

g00991113

BASIC ENGINE

239-4111 COVER GP-VALVE MECHANISM

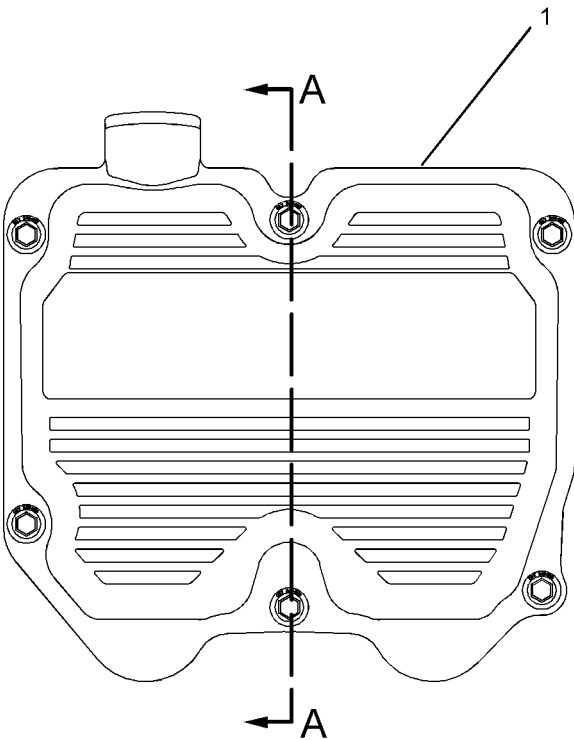
S/N: RHX1-UP

PART OF 239-4113 COVER GP-VALVE MECHANISM
AN ATTACHMENT

SMCS-1107

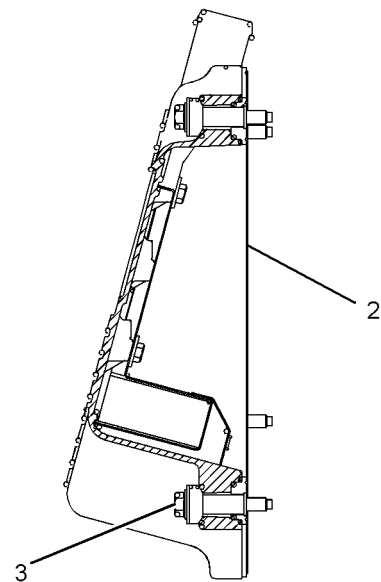
i02305859

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	269-6348	1	COVER AS-VALVE						
	2	1	242-9537	1	SEAL-VALVE COVER						
	3	1	243-1159	6	FASTENER AS						
					(EACH INCLUDES)						
		1	149-7378	1	GROMMET						



GRAPHIC #1

<END>



SECTION A-A

g01052702

BASIC ENGINE

239-4113 COVER GP-VALVE MECHANISM

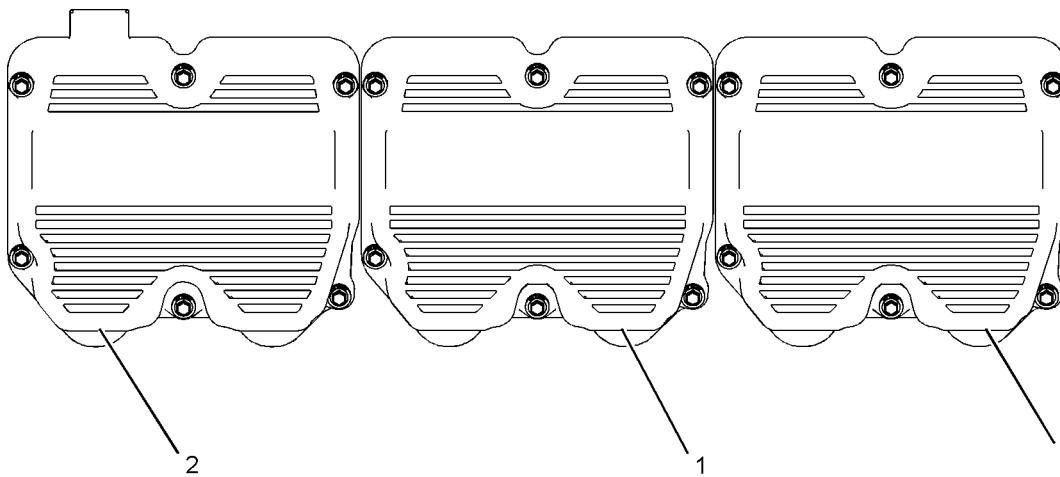
S/N: RHX1-8291

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMplete
AN ATTACHMENT

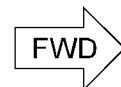
SMCS-1107

i02039988

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	225-1148	2	COVER	GP-VALVE	MECHANISM				43
Y	2	1	239-4111	1	COVER	GP-VALVE	MECHANISM				44
Y-SEPARATE ILLUSTRATION											



TOP VIEW



GRAPHIC #1

<END>

g01052729

BASIC ENGINE

341-6804 COVER GP-VALVE MECHANISM

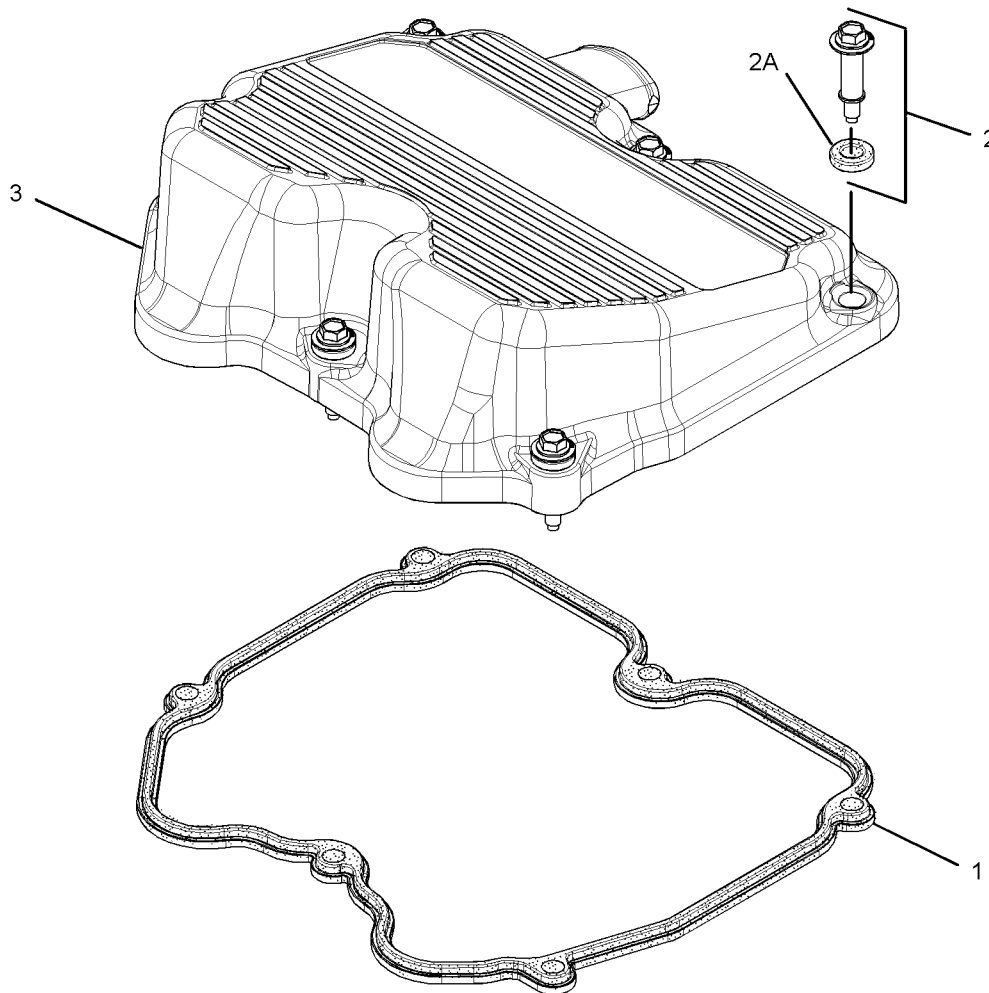
S/N: RHX8292-UP

PART OF 187-1328 COVER GP-VALVE MECHANISM
AN ATTACHMENT

SMCS-1107

i03531580

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	242-9537	1	SEAL-VALVE COVER						
	2	1	243-1159	6	FASTENER AS						
					(EACH INCLUDES)						
	2A	1	149-7378	1	GROMMET						
	3	1	239-4106	1	COVER AS-VALVE						



GRAPHIC #1

<END>

g01860954

BASIC ENGINE

223-9732 CRANKSHAFT GP

S/N: RHX1-UP

PART OF 241-5933, 241-5934, 280-2166, 317-2767 ENGINE AR-CORE
AN ATTACHMENT

SMCS-1202

i03607941

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)	133
R	3	1	189-4918	1	CRANKSHAFT AS	
	3A	1	4N-0684	1	DOWEL	
	3B	1	7S-5005	1	DOWEL	
	3C	1	187-8981	1	GEAR-CRANKSHAFT (80-TEETH)	
J	4	1	317-8766	7	BEARING-MAIN (STANDARD)	
AB		1	4W-5698		BEARING-MAIN (0.63-MM US)	
AB		1	4W-5699		BEARING-MAIN (1.27-MM US)	
AB		1	4W-5700		BEARING-MAIN (0.63-MM OS)	
AB		1	4W-5701		BEARING-MAIN (0.63-MM US - 0.63-MM OS)	
AVAILABLE REPAIR KIT(S):						
AJ			243-6718		KIT-CRANKSHAFT BEARING	
(INCLUDES A COMPLETE SET OF MAIN BEARINGS AND THRUST PLATES)						

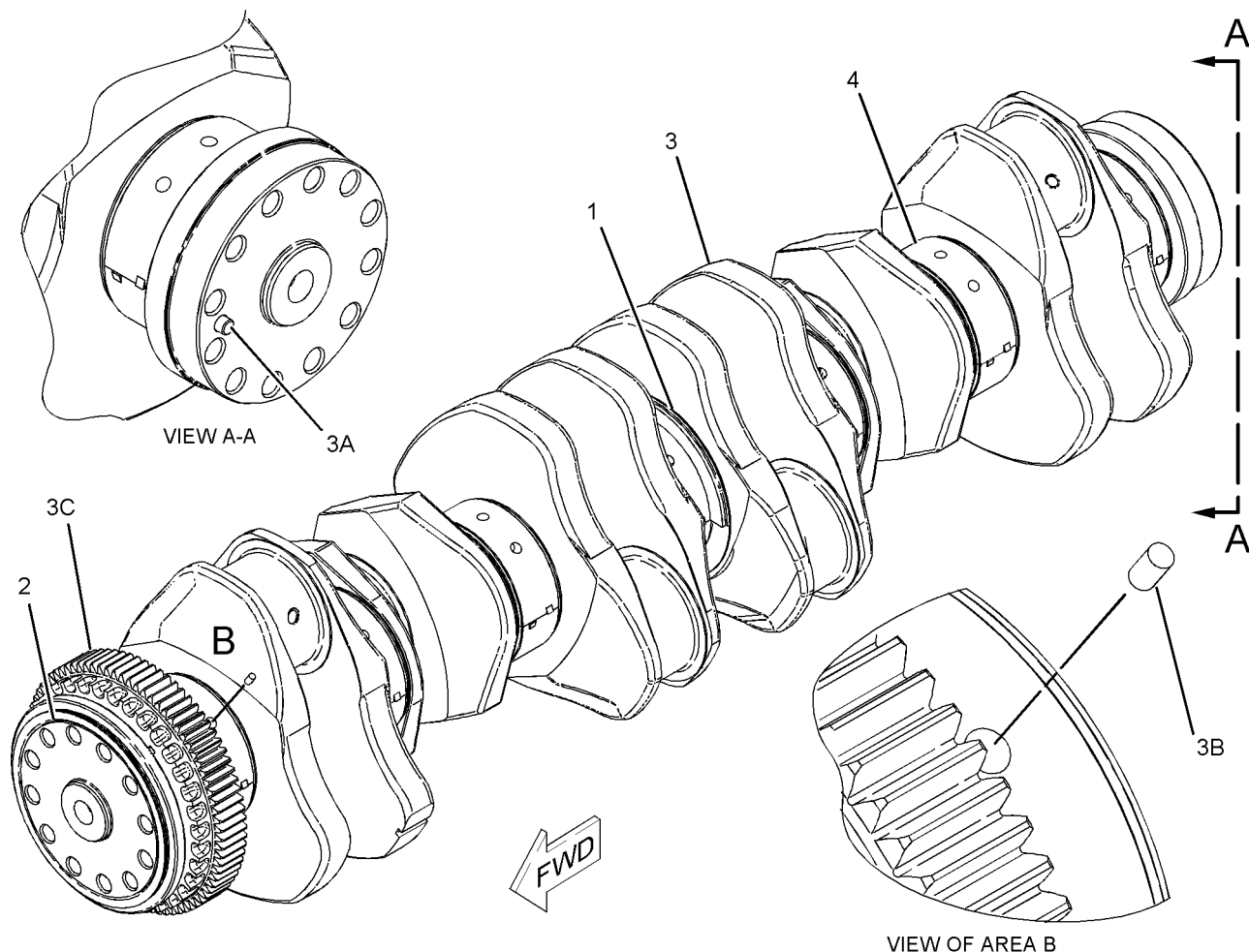
A-NOT PART OF THIS GROUP

B-USE AS REQUIRED

J-KIT MARKED J INCLUDES PARTS MARKED J

R-REMFG PART MAY BE AVAILABLE

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

VIEW OF AREA B

g01070662

BASIC ENGINE

229-8568 CYLINDER BLOCK AS

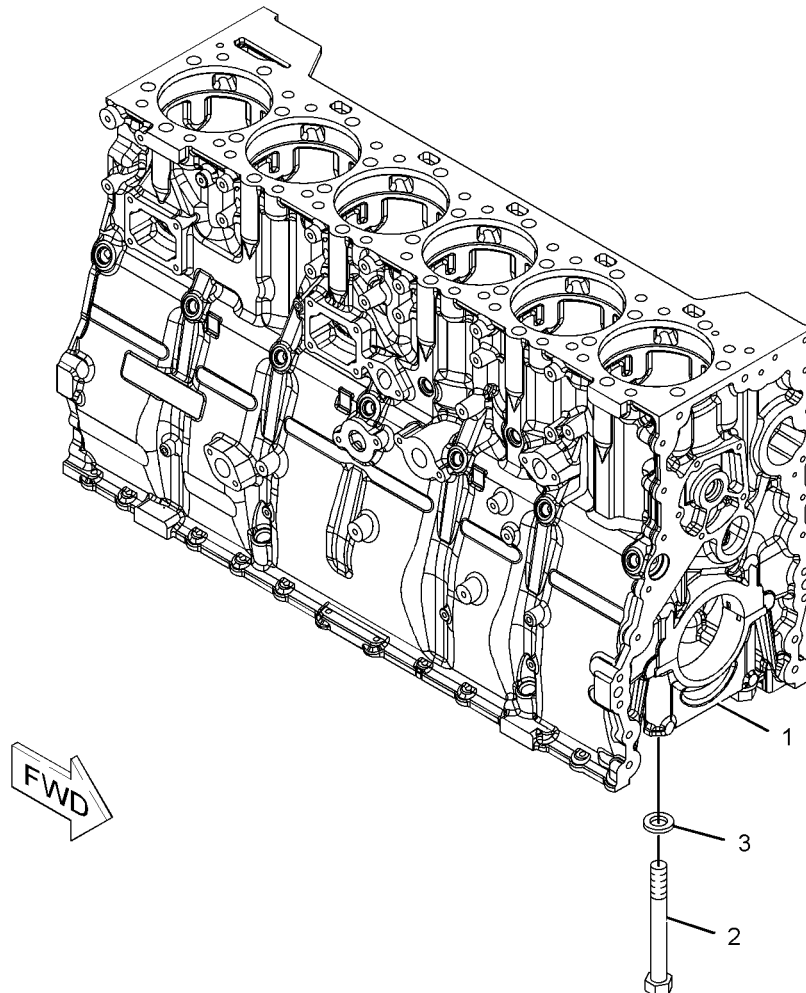
S/N: RHX1-UP

PART OF 261-0052 CYLINDER BLOCK AS
AN ATTACHMENT

SMCS-1201

i02228404

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	167-8081	7	CAP-CRANKSHAFT BEARING						
	2	1	167-8083	14	BOLT (7/8-14X7.5-IN)						
	3	1	9H-1031	14	WASHER-HARD (24X41.5X6-MM THK)						



GRAPHIC #1

<END>

g01122669

BASIC ENGINE

261-0052 CYLINDER BLOCK AS

S/N: RHX1-UP

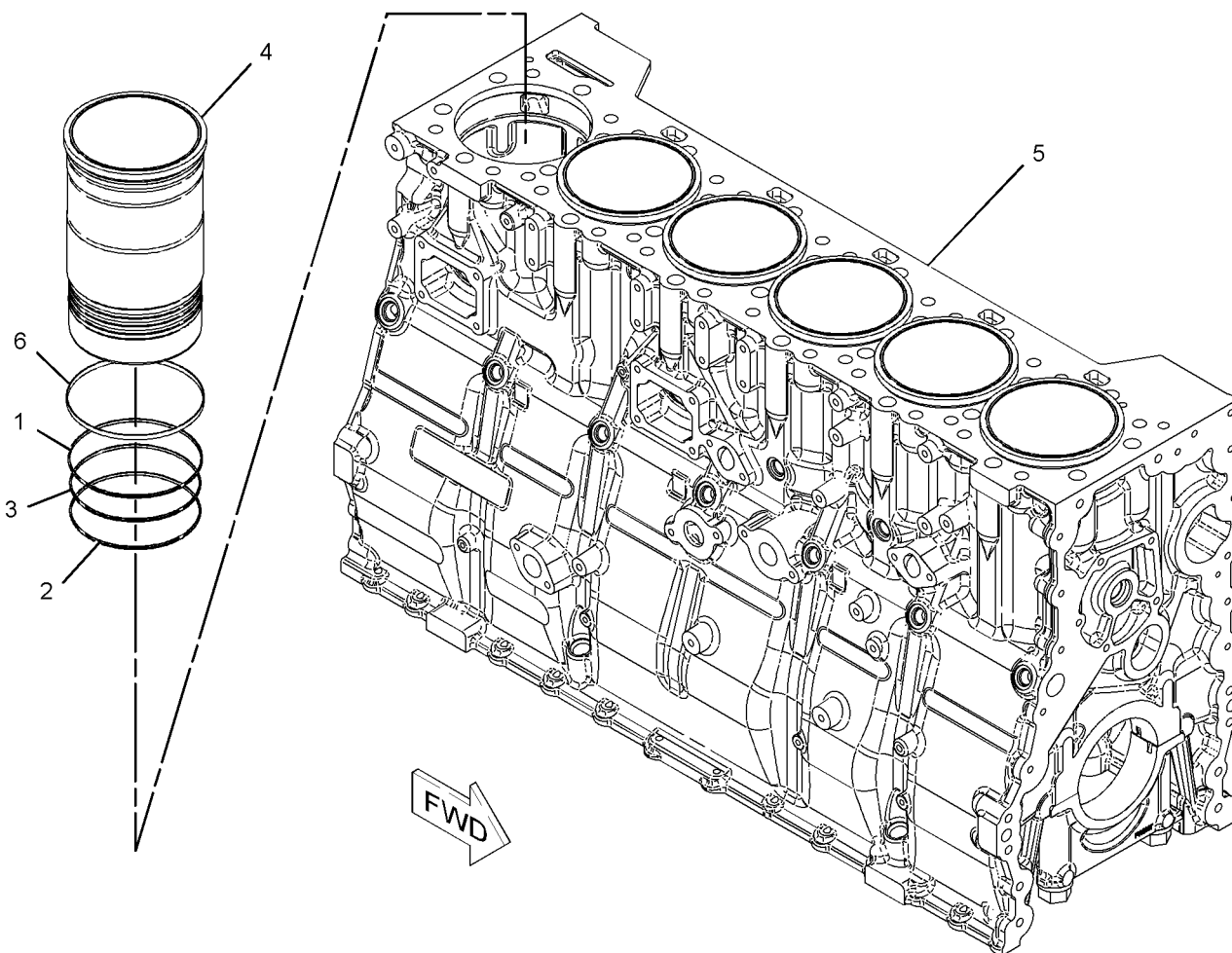
PART OF 261-0191 CYLINDER BLOCK GP
AN ATTACHMENT

SMCS-1201

i02228386

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	155-0809	6	SEAL-LINER						
	2	1	155-0810	6	SEAL-LINER						
	3	1	155-2793	6	SEAL-LINER						
	4	1	253-8766	6	LINER-CYLINDER						
Y	5	1	229-8568	1	CYLINDER BLOCK AS						48
	6	1	9L-5854	6	BAND-FILLER (130.2-MM ID)						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01122528

BASIC ENGINE

267-4631 CYLINDER BLOCK AS

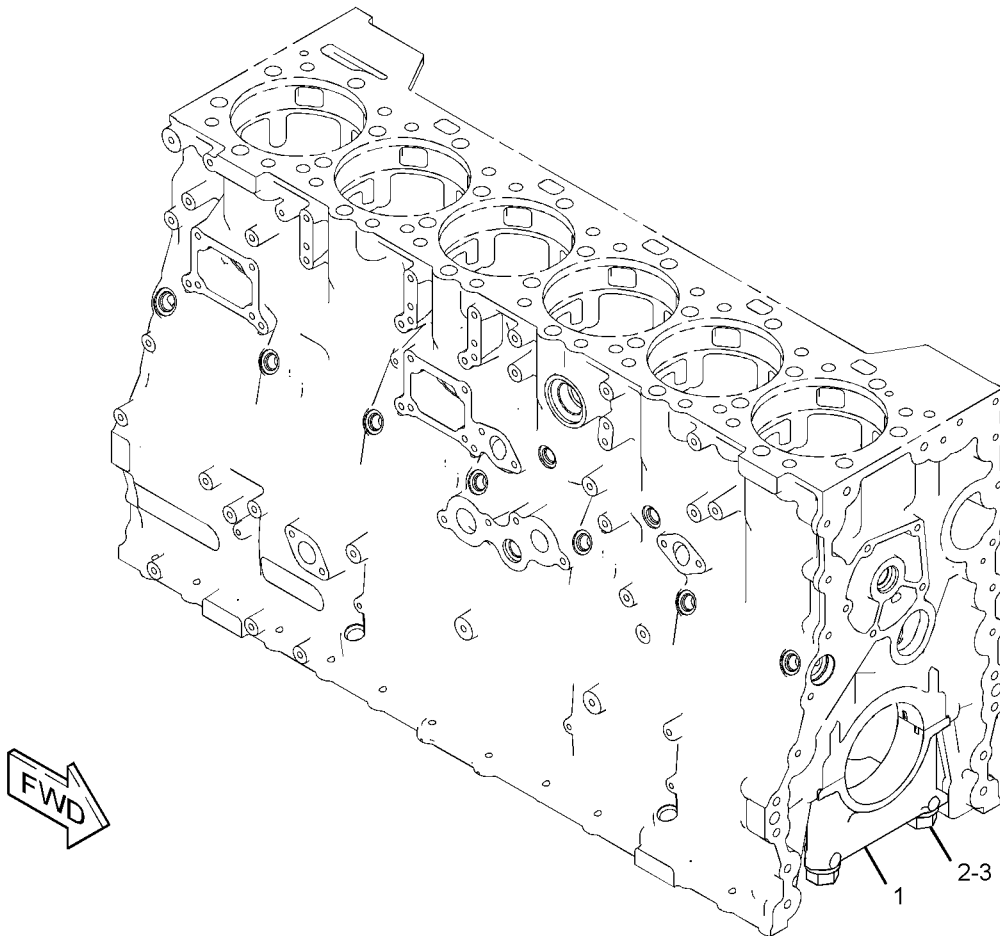
S/N: RHX2220-UP

PART OF 301-3018, 323-8451 CYLINDER BLOCK AS
AN ATTACHMENT

SMCS-1201

i02348817

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	167-8081	7	CAP-CRANKSHAFT BEARING						
	2	1	167-8083	14	BOLT (7/8-14X7.5-IN)						
	3	1	9H-1031	14	WASHER-HARD (24X41.5X6-MM THK)						



GRAPHIC #1

<END>

g01177294

BASIC ENGINE

301-3018 CYLINDER BLOCK AS

S/N: RHX4918-5238

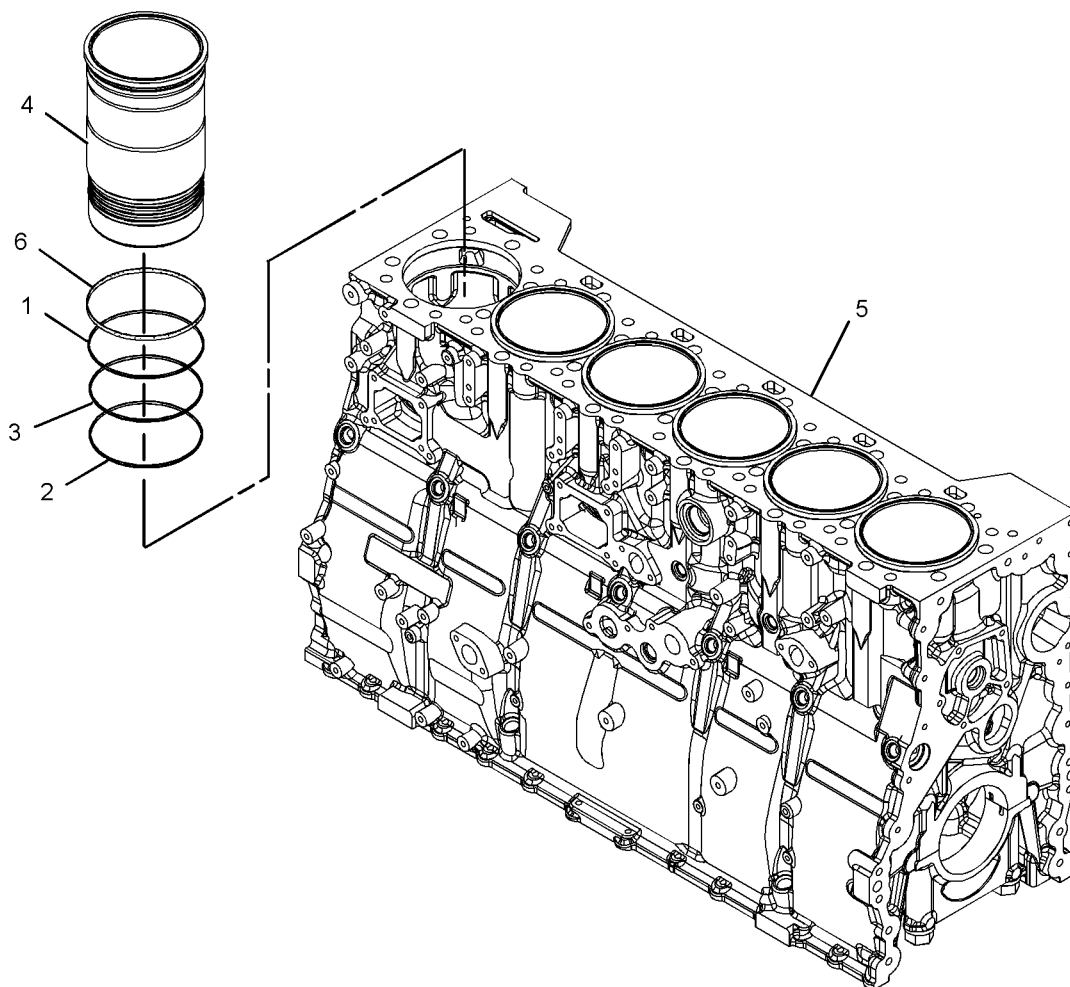
PART OF 261-0191 CYLINDER BLOCK GP
FIELD REPLACEMENT ORDER 323-8451-PAGE 52
AN ATTACHMENT

SMCS-1201

i02680503

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	155-0809	6	SEAL-LINER	
	2	1	155-0810	6	SEAL-LINER	
	3	1	155-2793	6	SEAL-LINER	
	4	1	253-8766	6	LINER-CYLINDER	
Y	5	1	267-4631	1	CYLINDER BLOCK AS	50
	6	1	9L-5854	6	BAND-FILLER (130.2-MM ID)	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01347377

BASIC ENGINE

323-8451 CYLINDER BLOCK AS

S/N: RHX2220-UP

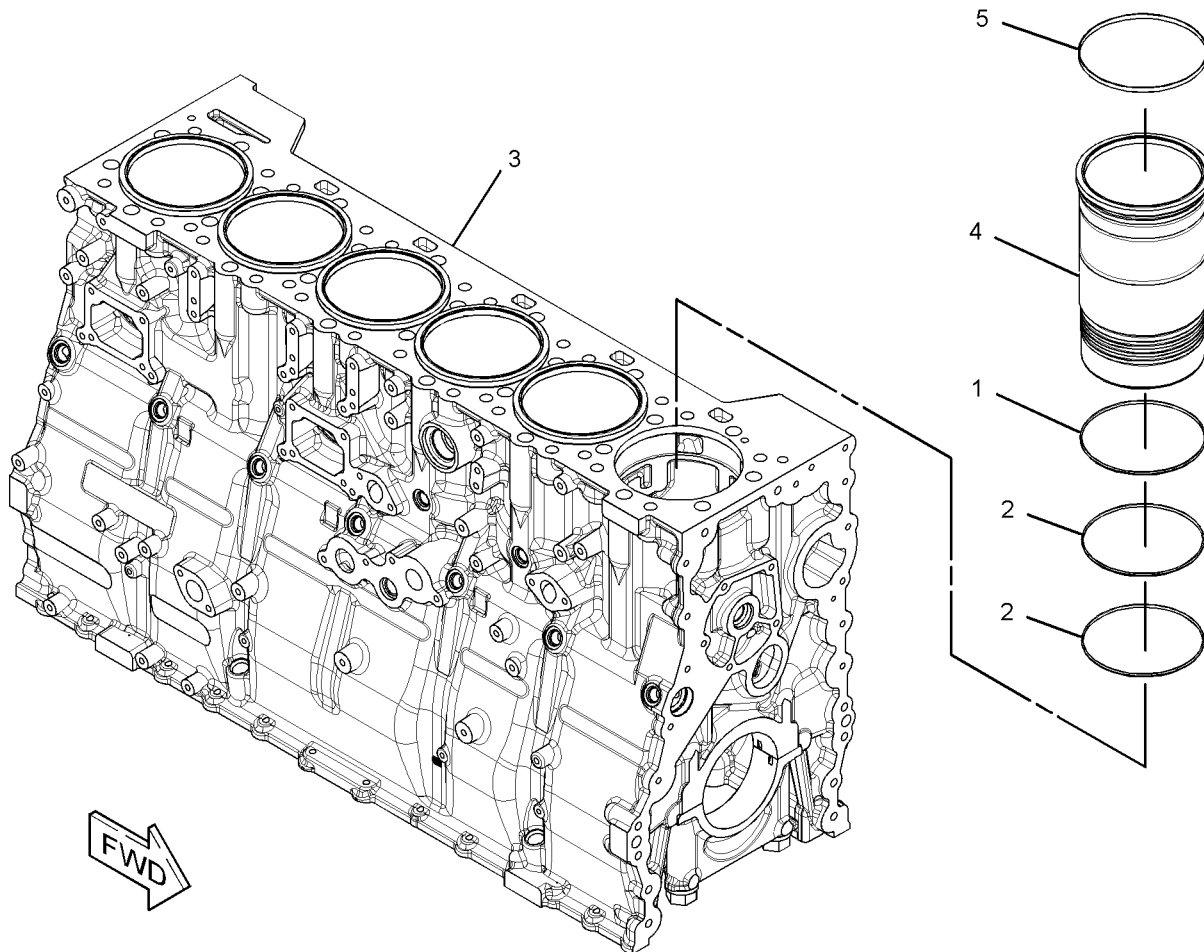
PART OF 261-0191 CYLINDER BLOCK GP
FIELD REPLACEMENT FOR 301-3018-PAGE 51
AN ATTACHMENT

SMCS-1201

i03148541

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	155-0809	6	SEAL-LINER	
	2	1	155-2793	12	SEAL-LINER	
Y	3	1	267-4631	1	CYLINDER BLOCK AS	50
	4	1	322-1126	6	LINER-CYLINDER	
	5	1	9L-5854	6	BAND-FILLER (130.2-MM ID)	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01620021

BASIC ENGINE

261-0191 CYLINDER BLOCK GP

S/N: RHX1-4126

PART OF 241-5933, 241-5934, 280-2166 ENGINE AR-CORE
AN ATTACHMENT

SMCS-1201

i02413200

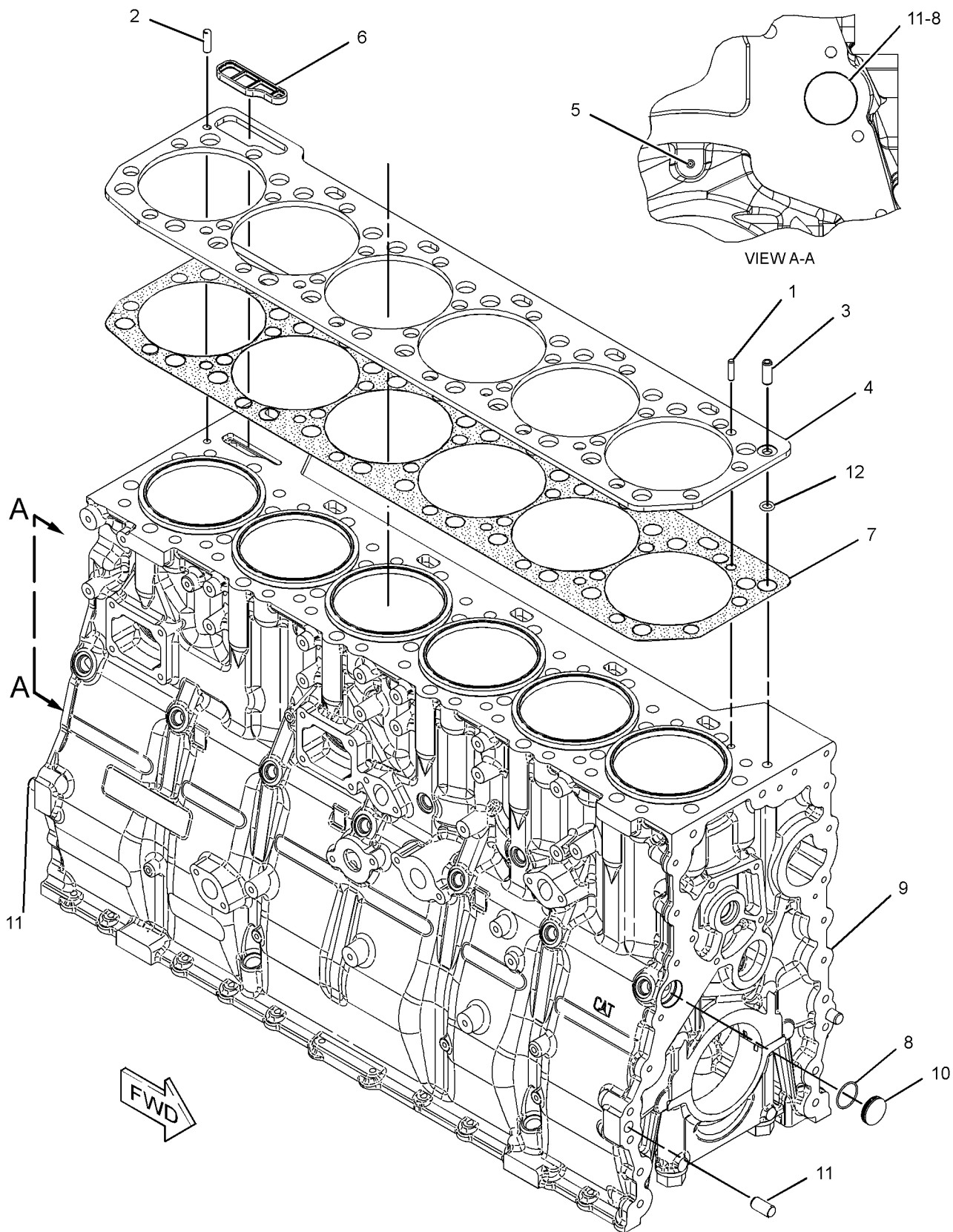
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1S-9540	1	DOWEL						
	2	1	4N-1650	1	DOWEL						
	3	1	6I-1055	1	DOWEL						
	4	1	6I-4421	1	PLATE-SPACER						
	5	1	8S-9094	1	PLUG-ORIFICE						
	6	1	142-2329	1	SEAL						
	7	1	227-1204	1	GASKET						
	8	1	250-0466	2	SEAL-O-RING						
Y	9	1	261-0052	1	CYLINDER BLOCK AS						49
	10	1	100-7399	2	PLUG						
	11	1	4N-0683	4	DOWEL						
	12	1	5P-0840	1	SEAL-O-RING						

Y-SEPARATE ILLUSTRATION

BASIC ENGINE

261-0191 CYLINDER BLOCK GP (contd.)

i02413200



GRAPHIC #1

<END>

g01215462

BASIC ENGINE

261-0191 CYLINDER BLOCK GP

S/N: RHX2220-5238

PART OF 241-5933, 241-5934 ENGINE AR-CORE
AN ATTACHMENT

SMCS-1201

i03596103

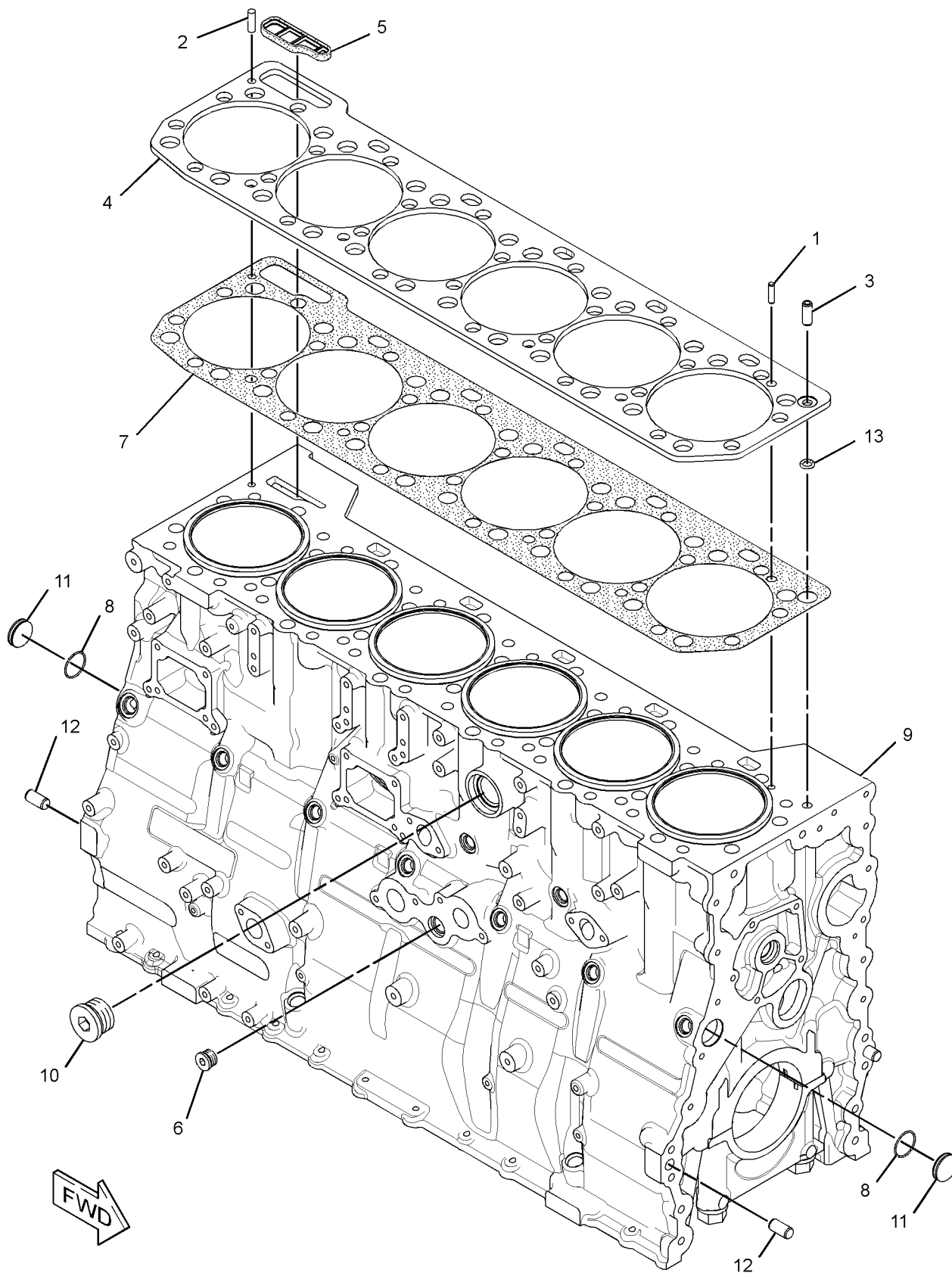
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1S-9540	1	DOWEL						
	2	1	4N-1650	1	DOWEL						
	3	1	6I-1055	1	DOWEL						
	4	1	6I-4421	1	PLATE-SPACER						
	5	1	142-2329	1	SEAL						
C	6	1	201-4340	1	PLUG AS						
		1	6V-4589	1	SEAL-O-RING						
		1	9S-8006	1	PLUG-O-RING						
	7	1	227-1204	1	GASKET						
	8	1	250-0466	2	SEAL-O-RING						
CY	9	1	301-3018	1	CYLINDER BLOCK AS						51
CY	10	1	305-9196	1	PLUG GP-CYLINDER BLOCK						118
	11	1	100-7399	2	PLUG						
	12	1	4N-0683	4	DOWEL						
	13	1	5P-0840	1	SEAL-O-RING						

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION

BASIC ENGINE

261-0191 CYLINDER BLOCK GP (contd.)

i03596103



GRAPHIC #1

<END>

g01347328

BASIC ENGINE

261-0191 CYLINDER BLOCK GP

S/N: RHX1-UP

PART OF 241-5933, 241-5934, 317-2767 ENGINE AR-CORE
AN ATTACHMENT

SMCS-1201

i03649399

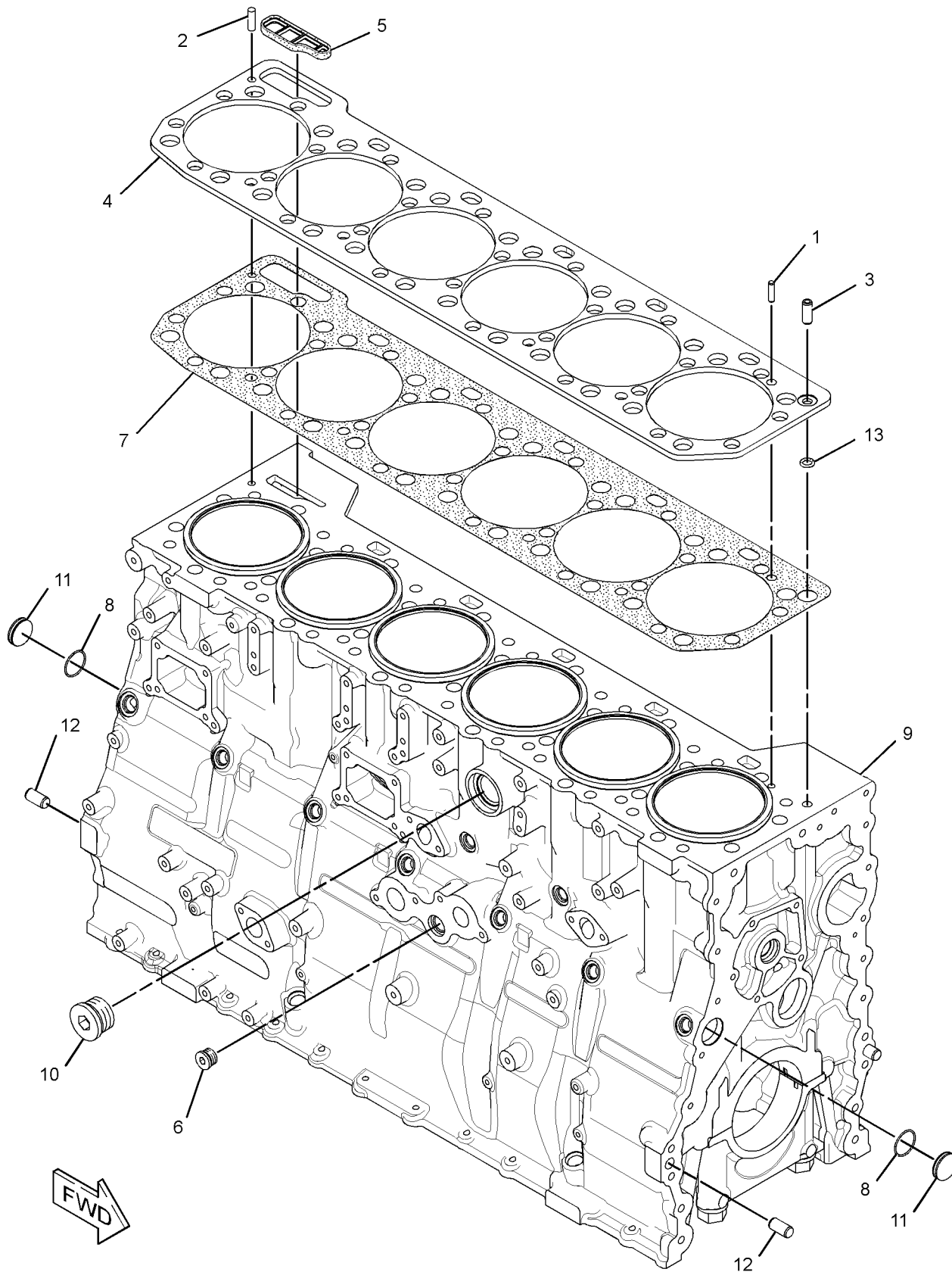
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1S-9540	1	DOWEL						
	2	1	4N-1650	1	DOWEL						
	3	1	6I-1055	1	DOWEL						
	4	1	6I-4421	1	PLATE-SPACER						
	5	1	142-2329	1	SEAL						
	6	1	201-4340	1	PLUG AS						
		1	6V-4589	1	SEAL-O-RING						
		1	9S-8006	1	PLUG-O-RING						
	7	1	227-1204	1	GASKET						
	8	1	250-0466	2	SEAL-O-RING						
CY	9	1	323-8451	1	CYLINDER BLOCK AS						52
Y	10	1	305-9196	1	PLUG GP-CYLINDER BLOCK						118
	11	1	100-7399	2	PLUG						
	12	1	4N-0683	4	DOWEL						
	13	1	5P-0840	1	SEAL-O-RING						

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION

BASIC ENGINE

261-0191 CYLINDER BLOCK GP (contd.)

i03649399



GRAPHIC #1

<END>

g01347328

BASIC ENGINE

223-7263 CYLINDER HEAD AS

S/N: RHX1-UP

WITH PRE-FINISHED VALVE SEAT INSERTS

PART OF 243-6741 CYLINDER HEAD AS, 223-9250 CYLINDER HEAD GP
AN ATTACHMENT

SMCS-1100, 1101

i02844808

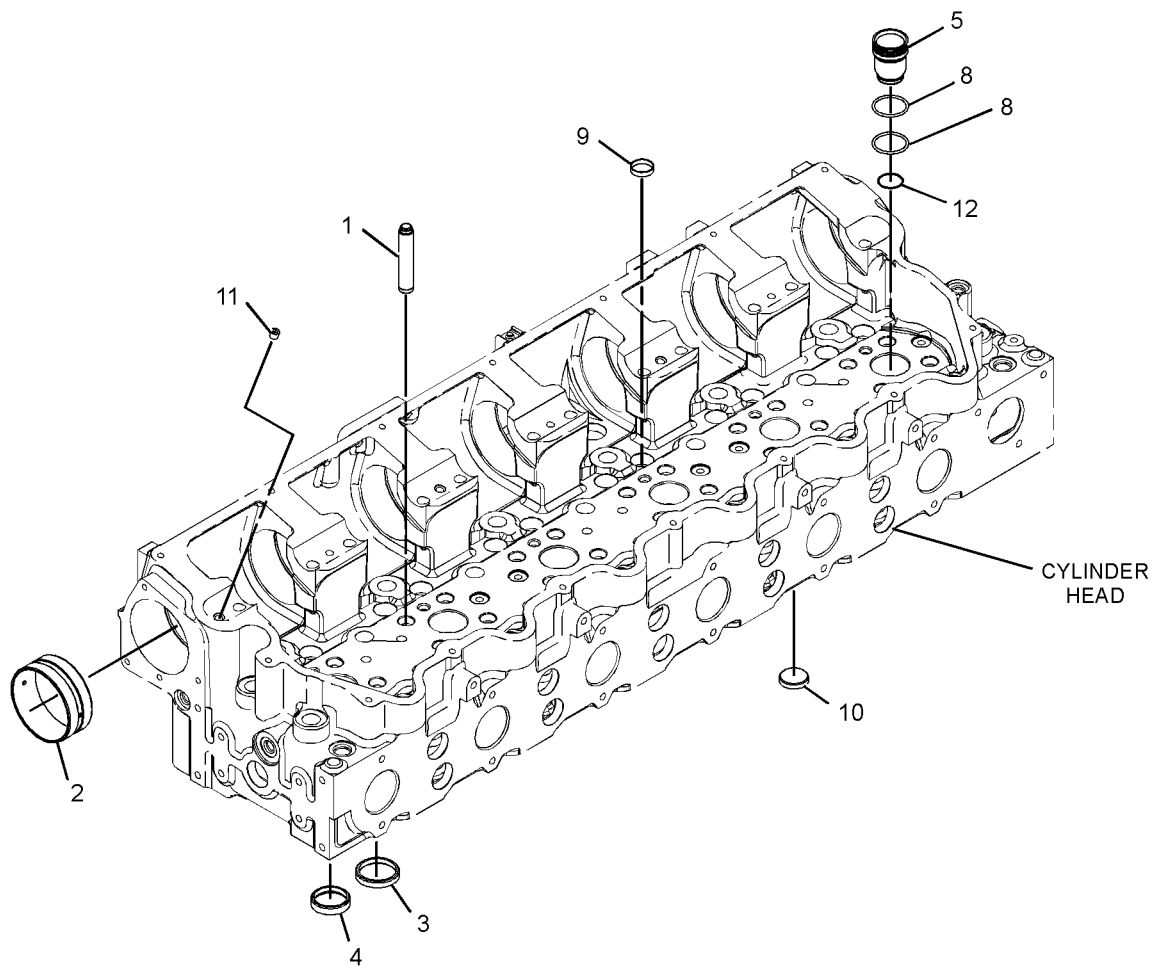
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	122-7375	24	GUIDE-VALVE (STANDARD)						
AB		1	122-0447		GUIDE-VALVE (0.51-MM OS)						
AB		1	122-8612		GUIDE-VALVE (0.13-MM OS)						
	2	1	216-5582	7	BEARING-SLEEVE (STANDARD)						
AB		1	217-0751		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)						
	3	1	224-3983	12	INSERT-SEAT (INLET) (STANDARD)						
AB		1	314-3063		INSERT-VALVE SEAT (0.55-MM THK)						
AB		1	314-3064		INSERT-VALVE SEAT (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)						
	4	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 (0.76-MM OS OD, EXHAUST)						
	5	1	263-4920	6	SLEEVE-INJECTOR (INLET)						
	8	1	166-2904	12	SEAL-O-RING						
	9	1	3B-0623	17	PLUG-CUP						
	10	1	3B-0645	20	PLUG-CUP						
	11	1	8T-6757	3	PLUG-PIPE						
	12	1	9X-7430	6	SEAL-O-RING						

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

BASIC ENGINE

223-7263 CYLINDER HEAD AS (contd.)

i02844808



GRAPHIC #1

<END>

g01370336

BASIC ENGINE

243-0943 CYLINDER HEAD AS

S/N: RHX1-UP

PART OF 243-6741 CYLINDER HEAD AS
AN ATTACHMENT

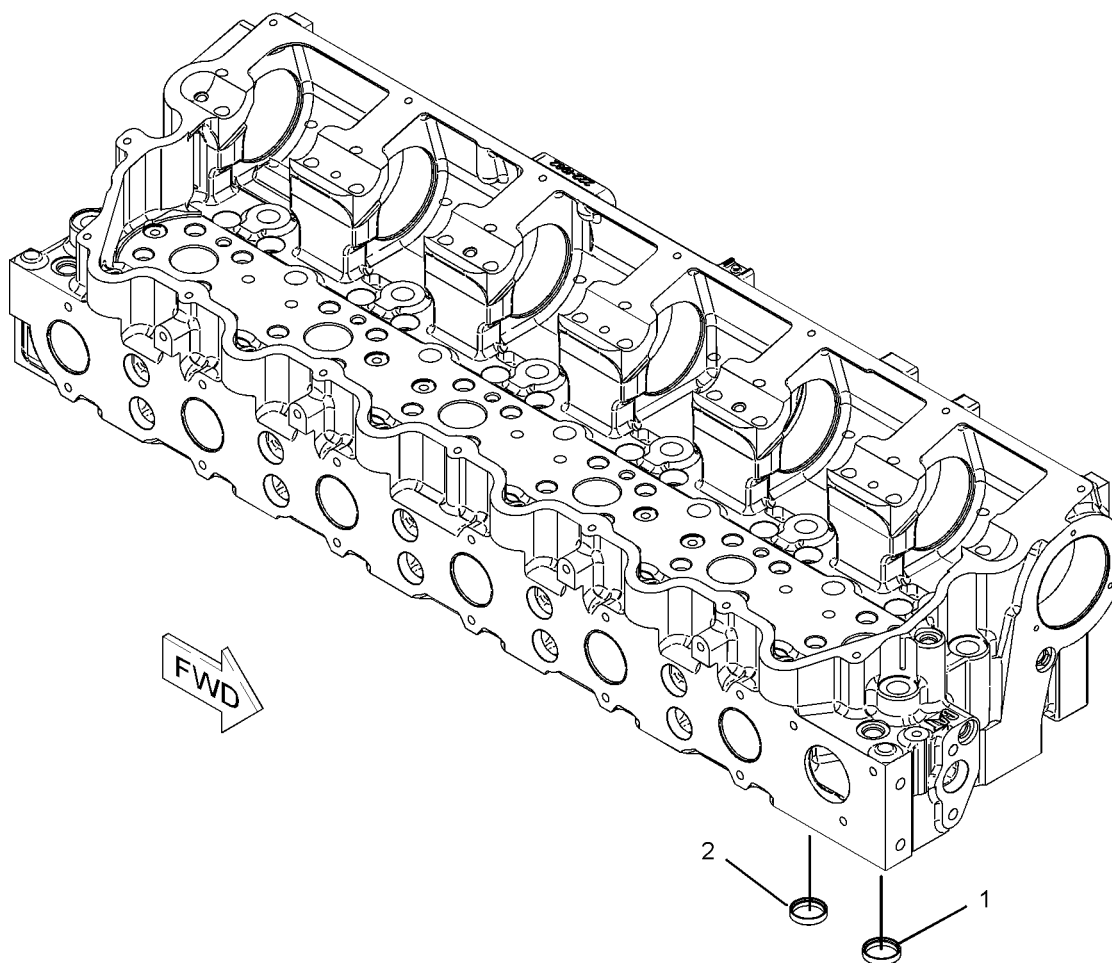
SMCS-1100, 1101

i01983776

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	152-7582	12	INSERT-VALVE SEAT (EXHAUST) (STANDARD)						
AB		1	167-0642		INSERT-VALVE SEAT (0.76-MM OS OD, EXHAUST)						
AB		1	170-4737		INSERT-VALVE SEAT (0.51-MM OS OD, EXHAUST)						
	2	1	175-3617	12	INSERT-VALVE SEAT (INLET) (STANDARD)						
AB		1	167-0643		INSERT-VALVE SEAT (0.76-MM OS OD, INLET)						
AB		1	170-4738		INSERT-VALVE SEAT (0.51-MM OS OD, INLET)						

A-NOT PART OF THIS GROUP

B-USE AS REQUIRED



GRAPHIC #1

<END>

g01028691

BASIC ENGINE

243-6741 CYLINDER HEAD AS

S/N: RHX1-UP

WITH MACHINE IN PLACE VALVE SEAT INSERTS

PART OF 223-9250 CYLINDER HEAD GP

AN ATTACHMENT

SMCS-1100, 1101

i02763889

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	122-7375	24	GUIDE-VALVE (STANDARD)	
AB		2	122-0447		GUIDE-VALVE (0.51-MM OS)	
AB		2	122-8612		GUIDE-VALVE (0.13-MM OS)	
	2	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)	
	3	2	227-4239	6	SLEEVE-INJECTOR	
Y	4	1	243-0943	1	CYLINDER HEAD AS	61
					-OR-	
Y		1	223-7263	1	CYLINDER HEAD AS	59
	5	2	166-2903	6	SEAL-O-RING	
	6	2	166-2904	6	SEAL-O-RING	
	7	1	3B-0623	17	PLUG-CUP	
	8	1, 2	3B-0645	20	PLUG-CUP	
	9	2	8T-6757	3	PLUG-PIPE	
	10	2	9X-7430	6	SEAL-O-RING	

A-NOT PART OF THIS GROUP

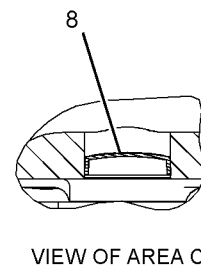
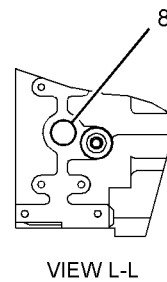
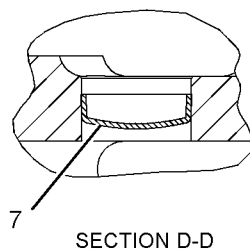
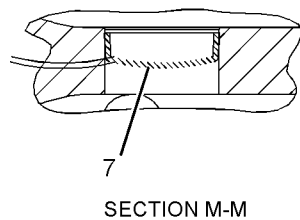
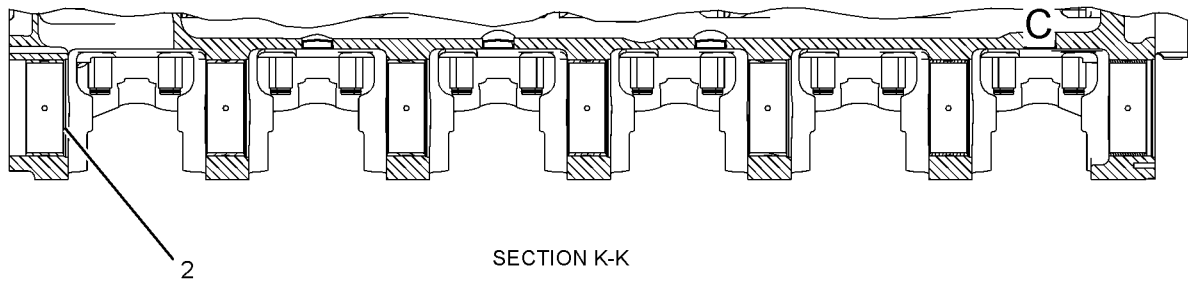
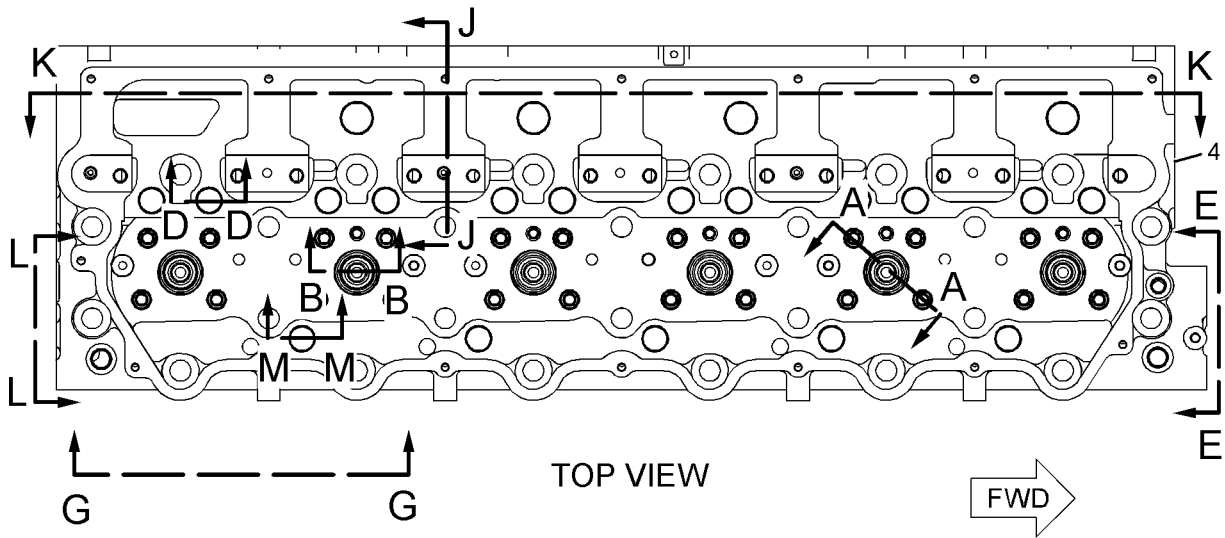
B-USE AS REQUIRED

Y-SEPARATE ILLUSTRATION

BASIC ENGINE

243-6741 CYLINDER HEAD AS (contd.)

i02763889



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

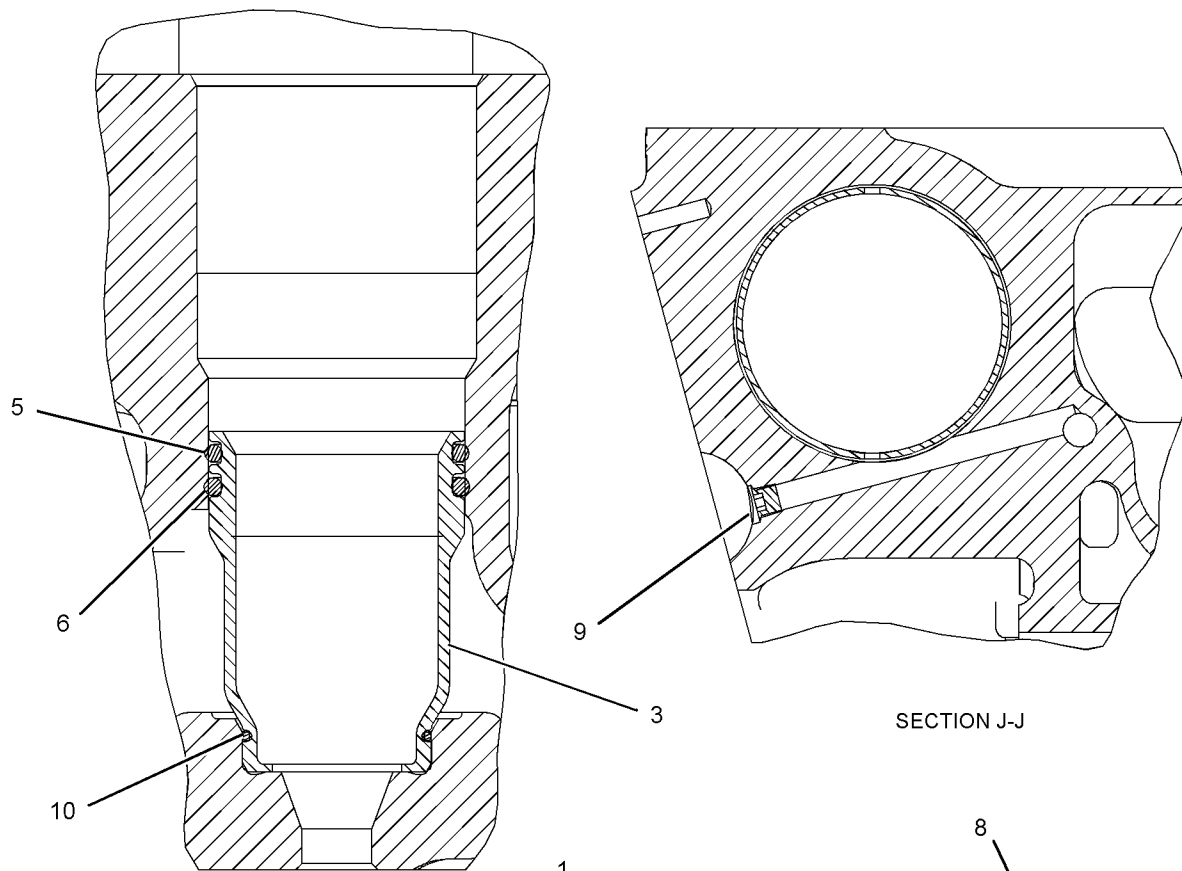
GRAPHIC #1

g01221315

BASIC ENGINE

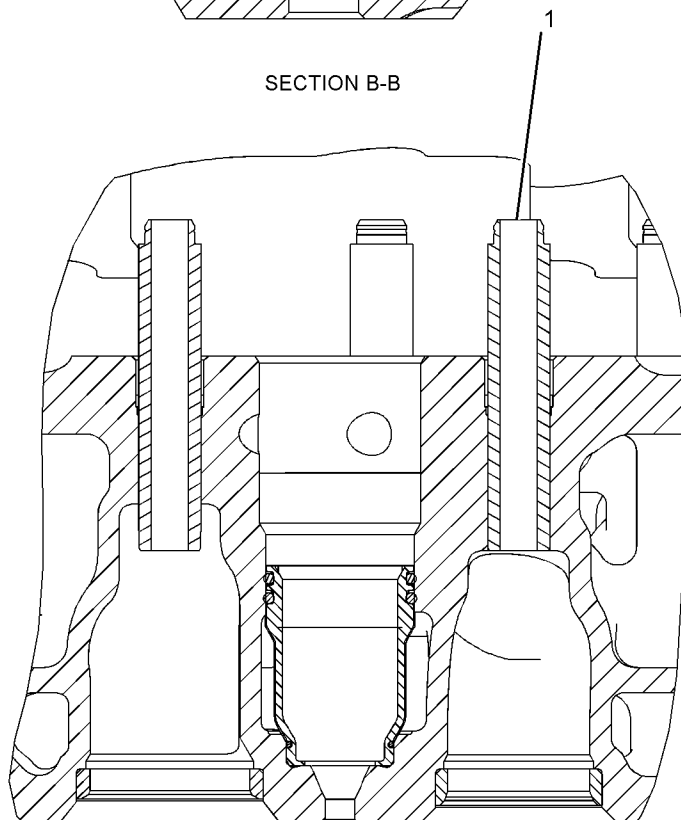
243-6741 CYLINDER HEAD AS (contd.)

i02763889

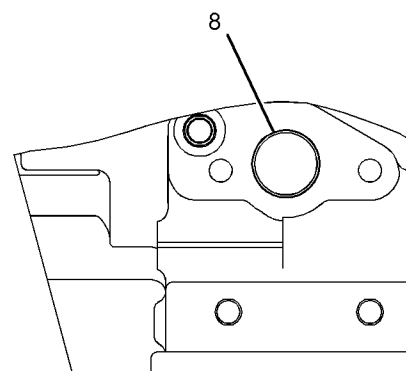


SECTION J-J

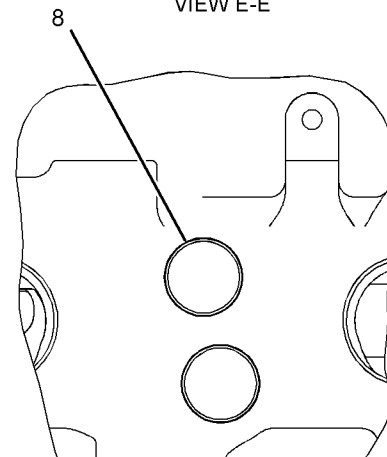
SECTION B-B



SECTION A-A



VIEW E-E



VIEW G-G

GRAPHIC #2

<END>

g01029134

BASIC ENGINE

281-1640 CYLINDER HEAD AS

S/N: RHX4127-UP

CONTAINS PRECISION PRE-MACHINED VALVE SEAT INSERTS
PART OF 263-5055 CYLINDER HEAD GP
AN ATTACHMENT

SMCS-1100, 1101

i03804492

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	122-7375	24	GUIDE-VALVE (STANDARD)	
AB		1	122-0447		GUIDE-VALVE (0.51-MM OS)	
AB		1	122-8612		GUIDE-VALVE (0.13-MM OS)	
	2	1	216-5582	7	BEARING-SLEEVE (STANDARD)	
AB		1	217-0751		BEARING-SLEEVE (0.25-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)	
	3	1	226-5561	12	INSERT-VALVE (EXHAUST) (STANDARD)	
AB		1	288-4883		INSERT-VALVE (0.51-MM OS, EXHAUST)	
AB		1	288-4884		INSERT-VALVE (0.76-MM OS, EXHAUST)	
	4	1	263-4920	6	SLEEVE-INJECTOR (INLET)	
	6	1	280-3979	12	INSERT-VALVE (INLET) (STANDARD)	
AB		1	288-4881		INSERT-VALVE (INLET) (0.51-MM OS)	
AB		1	288-4882		INSERT-VALVE (0.76-MM OS, INLET)	
	7	1	166-2904	12	SEAL-O-RING	
	8	1	3B-0623	17	PLUG-CUP	
	9	1	3B-0645	20	PLUG-CUP	
	10	1	8T-6757	3	PLUG-PIPE	
	11	1	9X-7430	6	SEAL-O-RING	

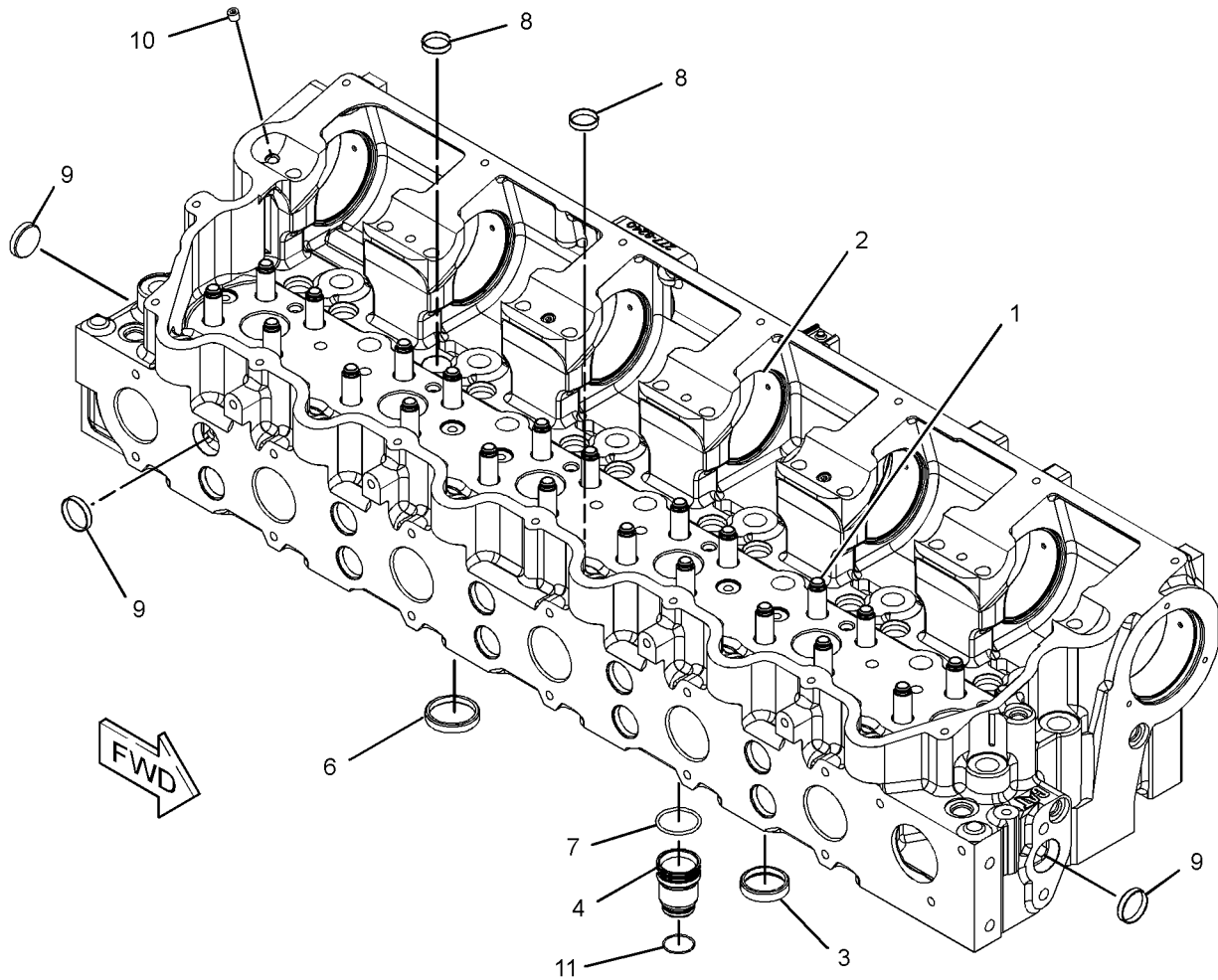
A-NOT PART OF THIS GROUP

B-USE AS REQUIRED

BASIC ENGINE

281-1640 CYLINDER HEAD AS (contd.)

i03804492



GRAPHIC #1

<END>

g01207161

BASIC ENGINE

223-9250 CYLINDER HEAD GP*R

S/N: RHX1-1594

PART OF 235-2974 CYLINDER HEAD GP

OPTIONAL FIELD REPLACEMENT ORDER 263-5055—PAGE 71

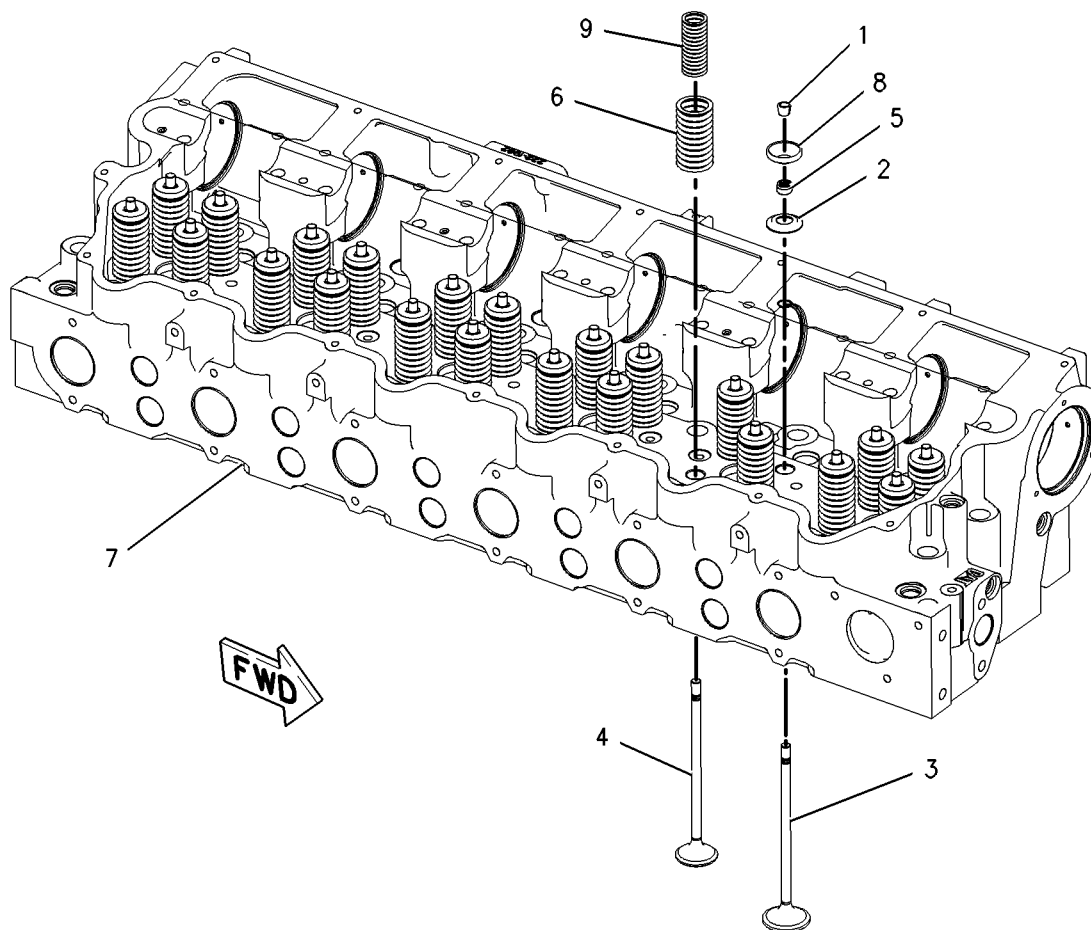
AN ATTACHMENT

SMCS-1100

i02453775

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	163-2478	24	SEAL-VALVE STEM	
	6	1	211-3123	24	SPRING-VALVE (OUTER)	
Y	7	1	223-7263	1	CYLINDER HEAD AS	59
	8	1	186-2001	24	ROTOCOIL AS	
	9	1	211-3122	24	SPRING-VALVE (INNER)	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00955632

BASIC ENGINE

223-9250 CYLINDER HEAD GP*R

S/N: RHX1-2971

PART OF 235-2974 CYLINDER HEAD GP

OPTIONAL FIELD REPLACEMENT ORDER 263-5055—PAGE 71

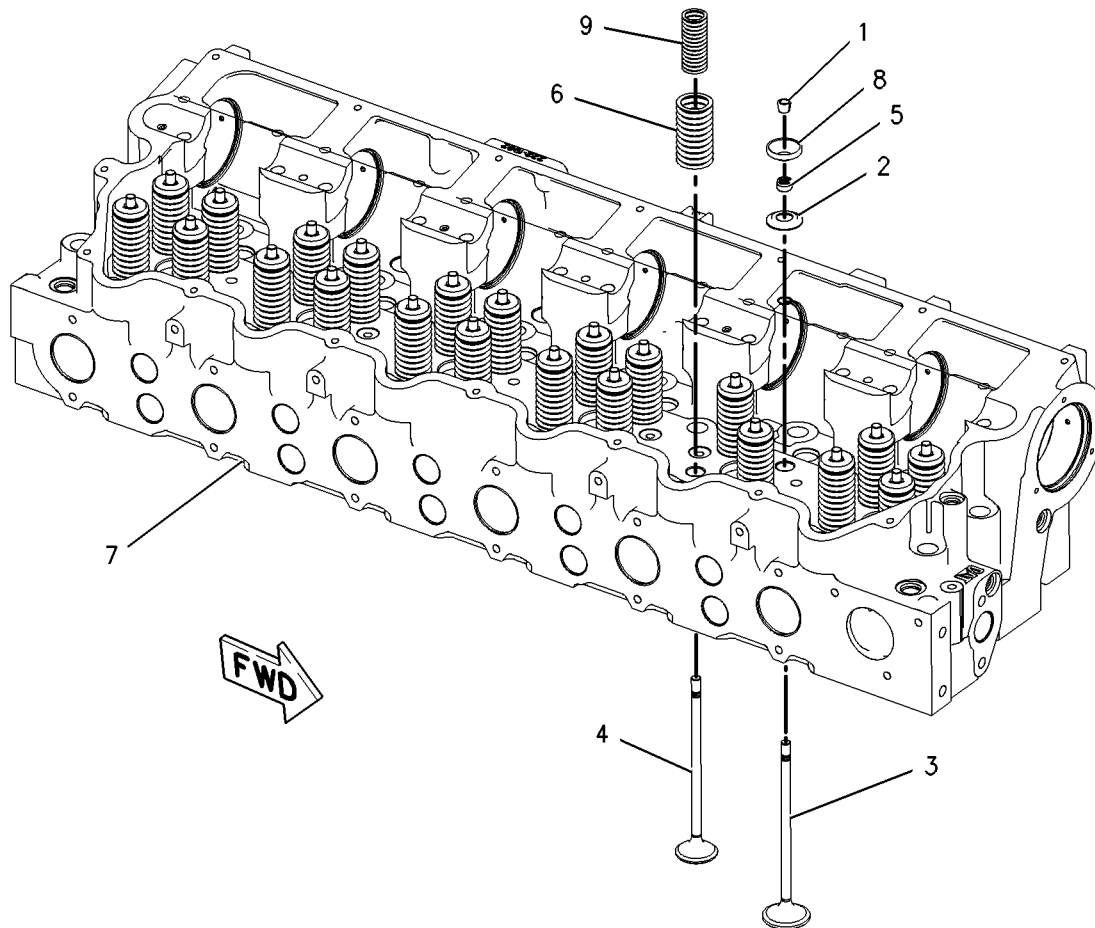
AN ATTACHMENT

SMCS-1100

i02733172

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	163-2478	24	SEAL-VALVE STEM	
	6	1	211-3123	24	SPRING-VALVE (OUTER)	
CY	7	1	243-6741	1	CYLINDER HEAD AS	62
	8	1	186-2001	24	ROTOCOIL AS	
	9	1	211-3122	24	SPRING-VALVE (INNER)	

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00955632

BASIC ENGINE

223-9250 CYLINDER HEAD GP*R

S/N: RHX1-UP

PART OF 235-2974 CYLINDER HEAD GP

OPTIONAL FIELD REPLACEMENT ORDER 263-5055—PAGE 71

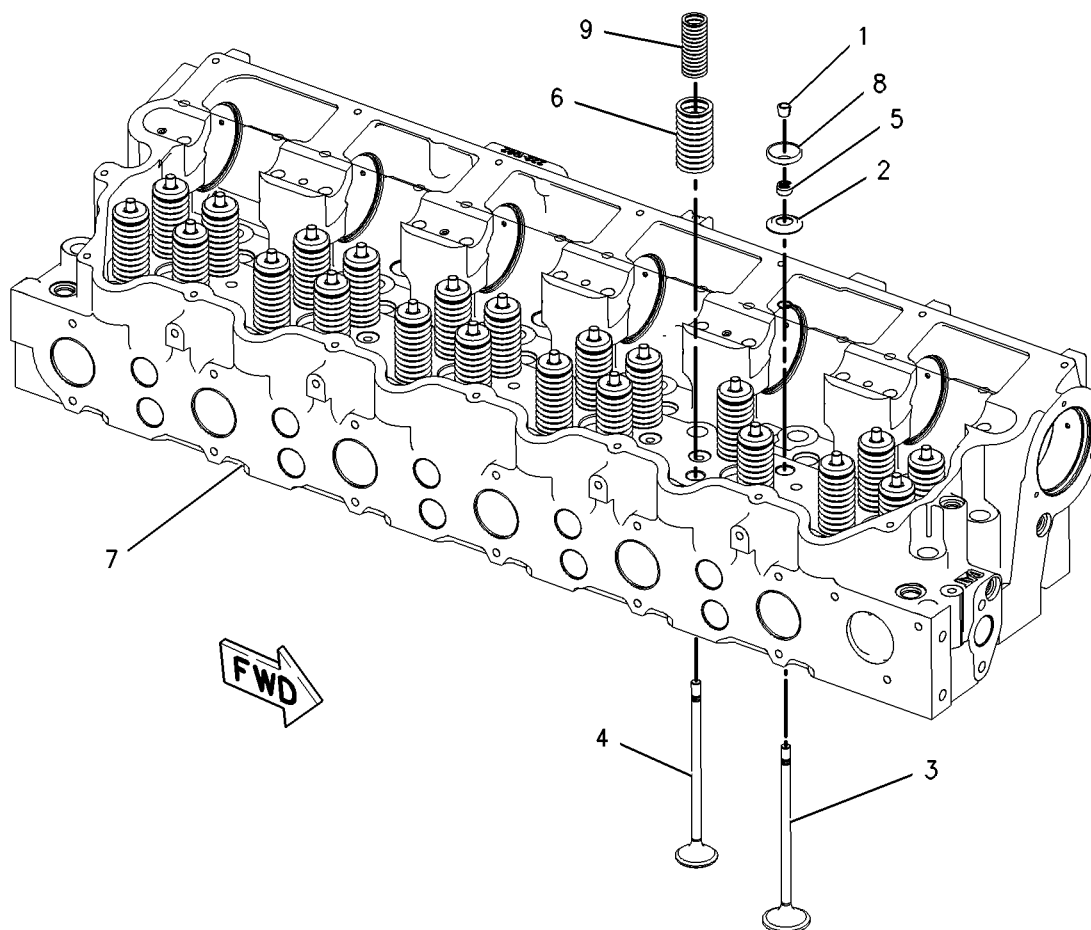
AN ATTACHMENT

SMCS-1100

i03373121

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	163-2478	24	SEAL-VALVE STEM	
	6	1	247-9908	24	SPRING-VALVE (OUTER)	
CY	7	1	223-7263	1	CYLINDER HEAD AS	59
	8	1	186-2001	24	ROTOCOIL AS	
	9	1	211-3122	24	SPRING-VALVE (INNER)	

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00955632

BASIC ENGINE

235-2974 CYLINDER HEAD GP

S/N: RHX1-4927

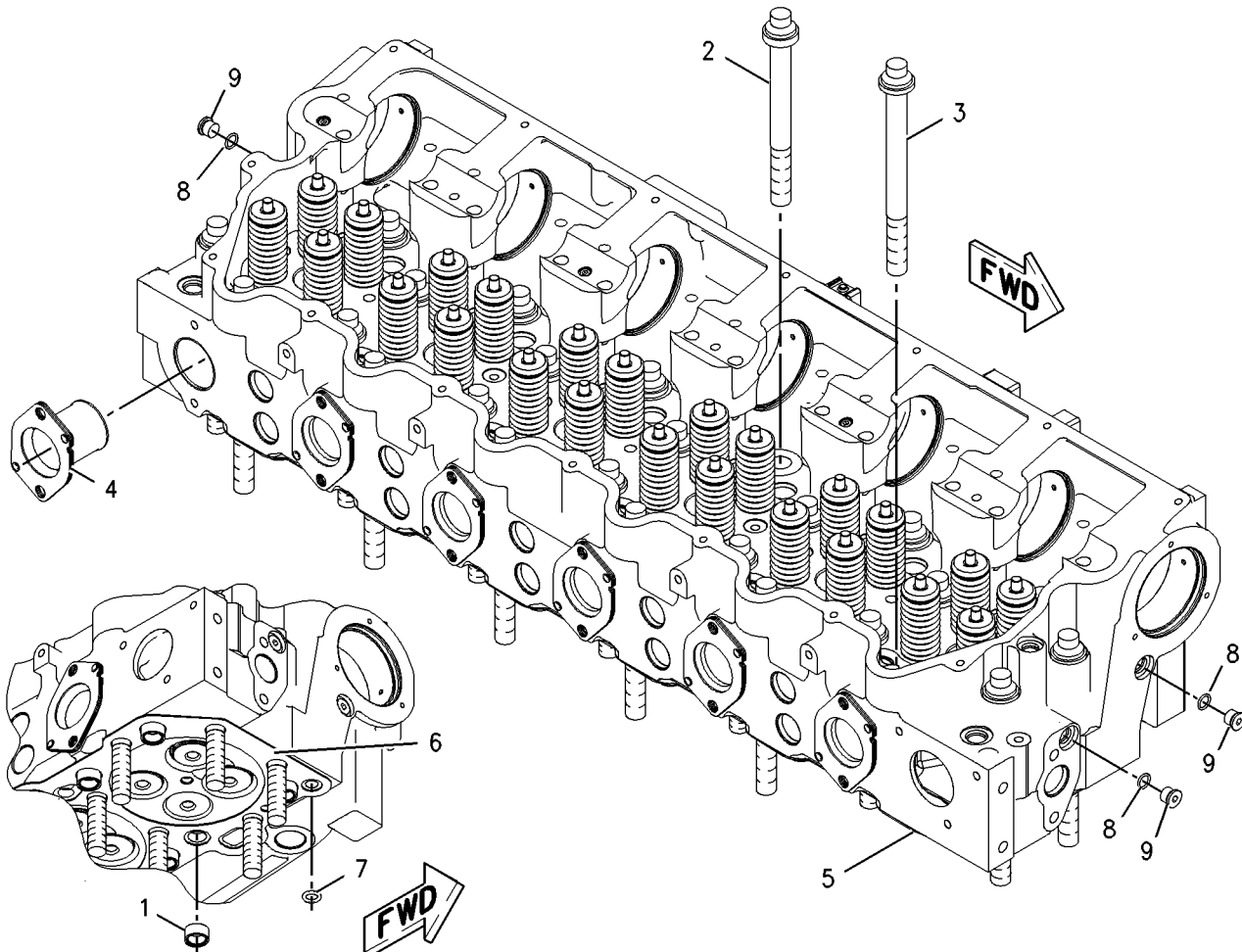
PART OF 241-5933, 241-5934, 280-2166 ENGINE AR-CORE
AN ATTACHMENT

SMCS-1100

i03108465

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	3E-6772	24	SEAL	
	2	1	6I-4025	16	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	106-5673	10	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)	
	4	1	281-8261	6	SLEEVE AS-EXHAUST	
YR	5	1	223-9250	1	CYLINDER HEAD GP	67
	6	1	224-5122	1	GASKET (CYLINDER HEAD)	
	7	1	5P-0840	1	SEAL-O-RING	
	8	1	6V-5049	3	SEAL-O-RING	
	9	1	9S-8004	3	PLUG	

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01002373

BASIC ENGINE

263-5055 CYLINDER HEAD GP*R

S/N: RHX4127-UP

PART OF 274-1953 CYLINDER HEAD GP
FIELD REPLACEMENT FOR 223-9250-PAGE 67
AN ATTACHMENT

SMCS-1100

i02857219

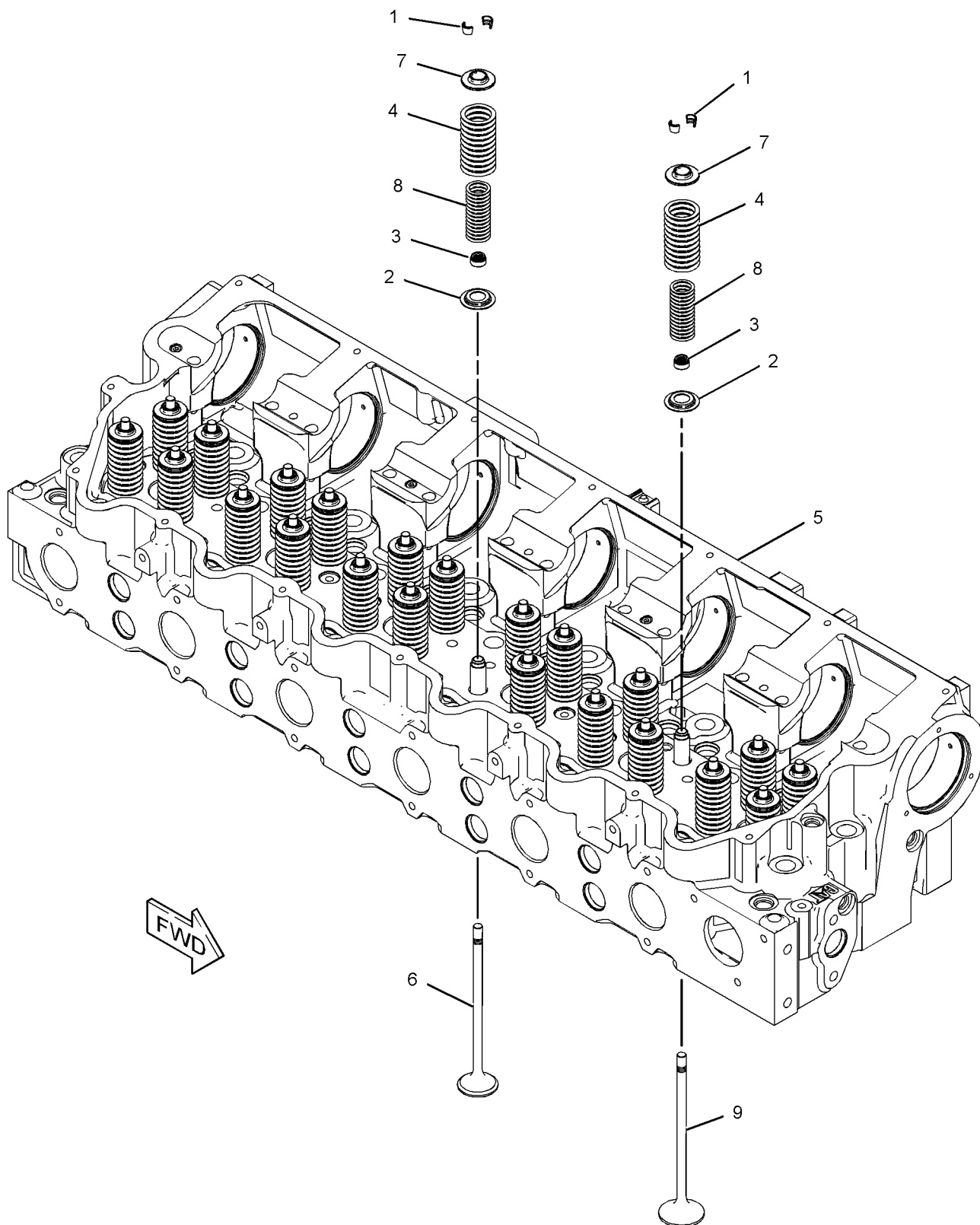
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	2A-4429	48	LOCK-RETAINER	
	2	1	6I-0928	24	WASHER-SPECIAL	
	3	1	163-2478	24	SEAL-VALVE STEM	
	4	1	247-9908	24	SPRING-VALVE (OUTER)	
CY	5	1	281-1640	1	CYLINDER HEAD AS	65
	6	1	153-7024	12	VALVE-EXHAUST	
C	7	1	186-2001	24	ROTOCOIL AS	
	8	1	211-3122	24	SPRING-VALVE (INNER)	
	9	1	236-5605	12	VALVE-INLET	

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION

BASIC ENGINE

263-5055 CYLINDER HEAD GP (contd.)

i02857219



GRAPHIC #1

<END>

g01207023

BASIC ENGINE

274-1953 CYLINDER HEAD GP

S/N: RHX1-UP

PART OF 241-5933, 241-5934, 317-2767 ENGINE AR-CORE
AN ATTACHMENT

SMCS-1100

i03785472

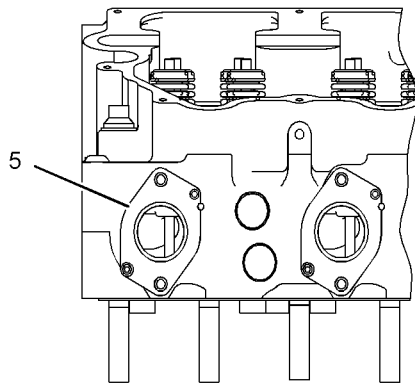
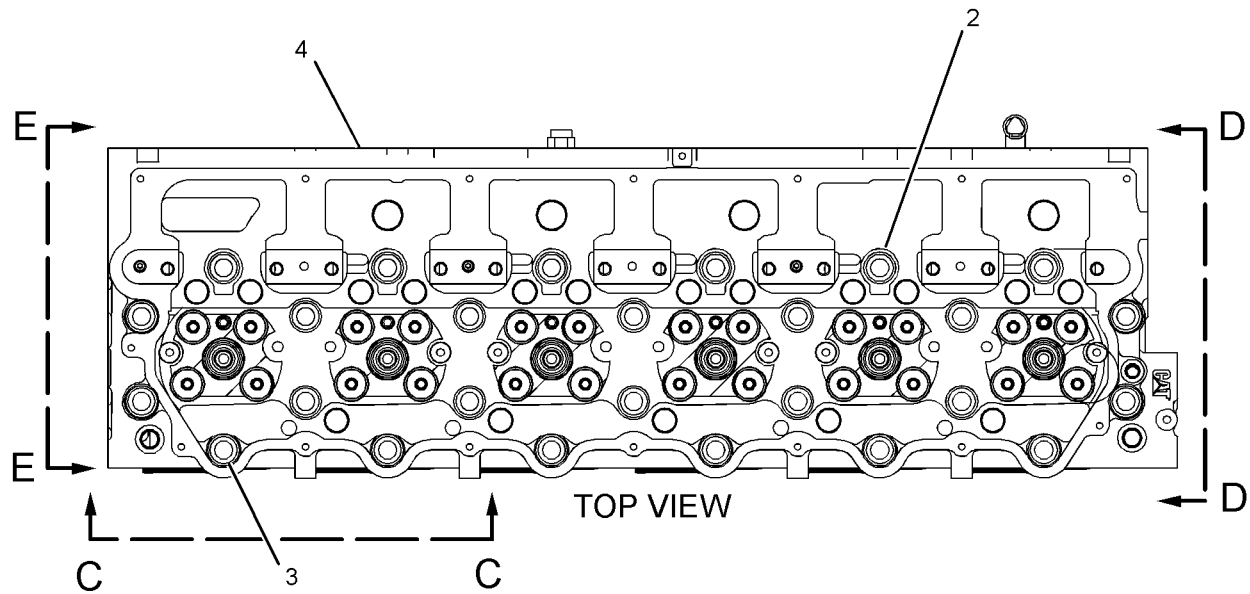
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3E-6772	24	SEAL						
	2	1	6I-4025	16	FASTENER GP-CYLINDER HEAD						
					(EACH INCLUDES)						
		1	5H-1504	1	WASHER-HARD (20X33.5X5-MM THK)						
		1	124-1855	1	BOLT-12 POINT HEAD (3/4-16X7.638-IN)						
	3	1	106-5673	10	FASTENER GP-CYLINDER HEAD						
					(EACH INCLUDES)						
		1	5H-1504	1	WASHER-HARD (20X33.5X5-MM THK)						
		1	124-1854	1	BOLT-12 POINT HEAD (3/4-16X8.5-IN)						
YR	4	1	263-5055	1	CYLINDER HEAD GP						71
	5	1	281-8261	6	SLEEVE AS-EXHAUST						
	6	1	224-5122	1	GASKET (CYLINDER HEAD)						
	7	1	5P-0840	1	SEAL-O-RING						
	8	1	183-3407	3	PLUG AS						
					(EACH INCLUDES)						
		1	214-7568	1	SEAL-O-RING						
		1	9S-8004	1	PLUG						

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

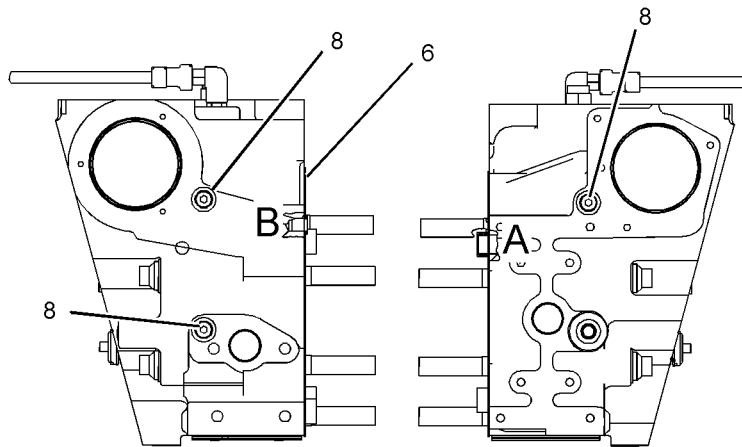
BASIC ENGINE

274-1953 CYLINDER HEAD GP (contd.)

i03785472

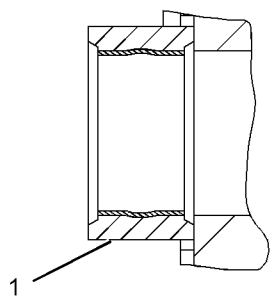


VIEW C-C

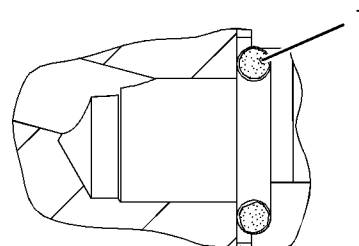


VIEW D-D

VIEW E-E



VIEW OF AREA A



VIEW OF AREA B

GRAPHIC #1

<END>

g01648636

BASIC ENGINE

227-3705 DAMPER GP

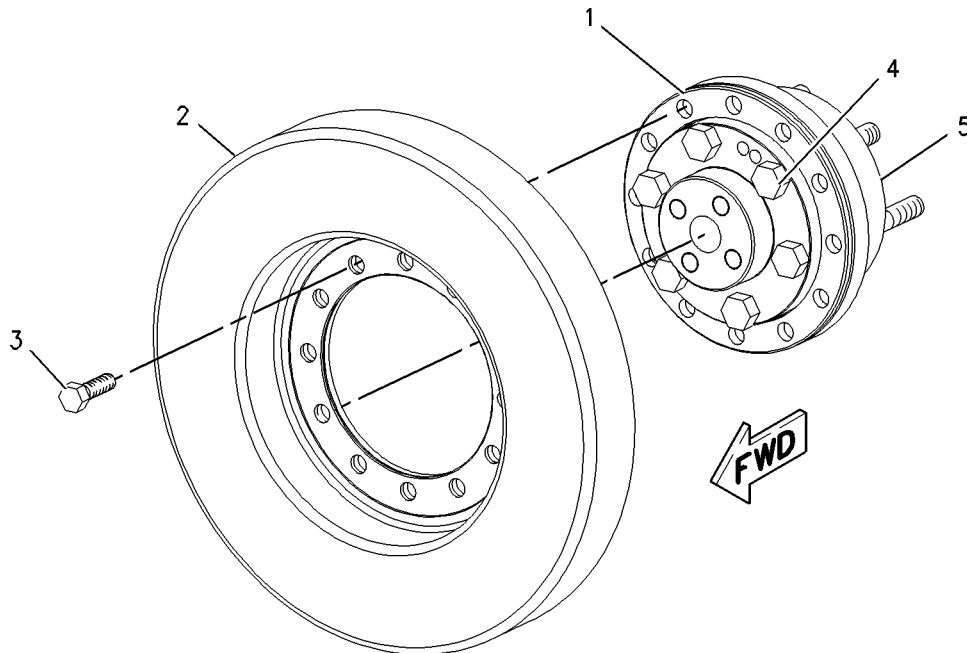
S/N: RHX1-UP

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMPLETE
AN ATTACHMENT

SMCS-1205

i01925129

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
R	1	1	6N-7654	1	SPACER (6.312X8.18X0.312-IN THK)						
	2	1	167-8130	1	DAMPER AS						
	3	1	0S-1585	12	BOLT (1/2-13X1.5-IN)						
	4	1	1A-3203	6	BOLT (5/8-18X4.75-IN)						
	5	1	227-3704	1	ADAPTER-DAMPER						
R-REMFG PART MAY BE AVAILABLE											



GRAPHIC #1

<END>

g01003023

BASIC ENGINE

164-5789 DRAIN GP-ENGINE OIL

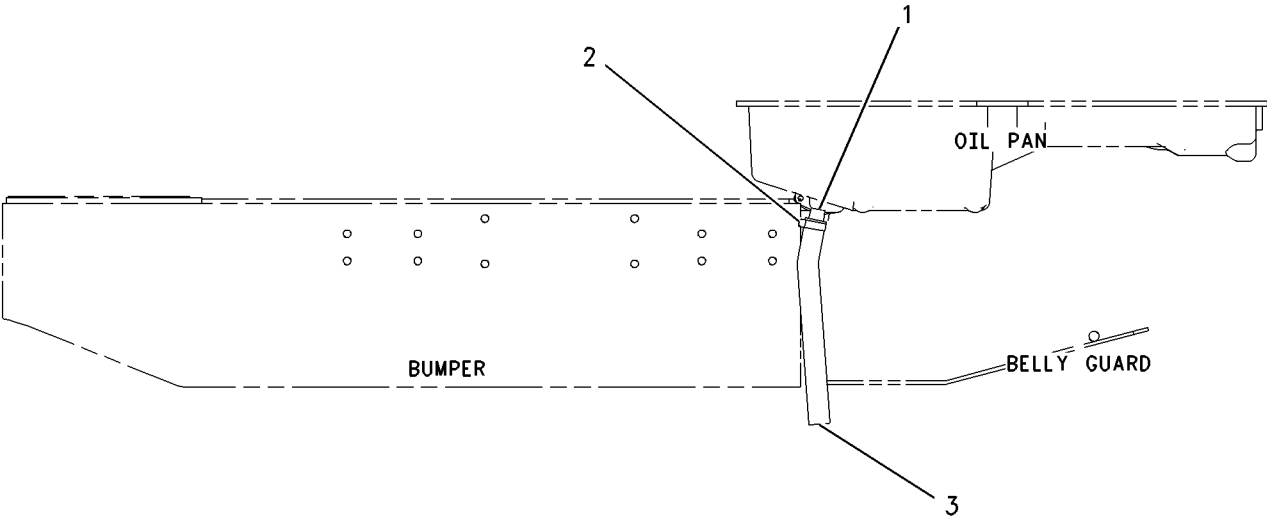
S/N: BXY1-UP

PART OF 226-9643 INSTALLATION AR-ENGINE

SMCS-1302

i01510435

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6B-0689	1	PIPE						
	2	1	9M-2904	1	CLAMP-HOSE						
G	3	1	9X-2370	1	HOSE (13IN)						
G-ORDER BY THE INCH											



FRONT VIEW

GRAPHIC #1

<END>

g00777099

BASIC ENGINE

206-4227 DRIVE GP-ACCESSORY

S/N: RHX1-UP

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMplete
AN ATTACHMENT

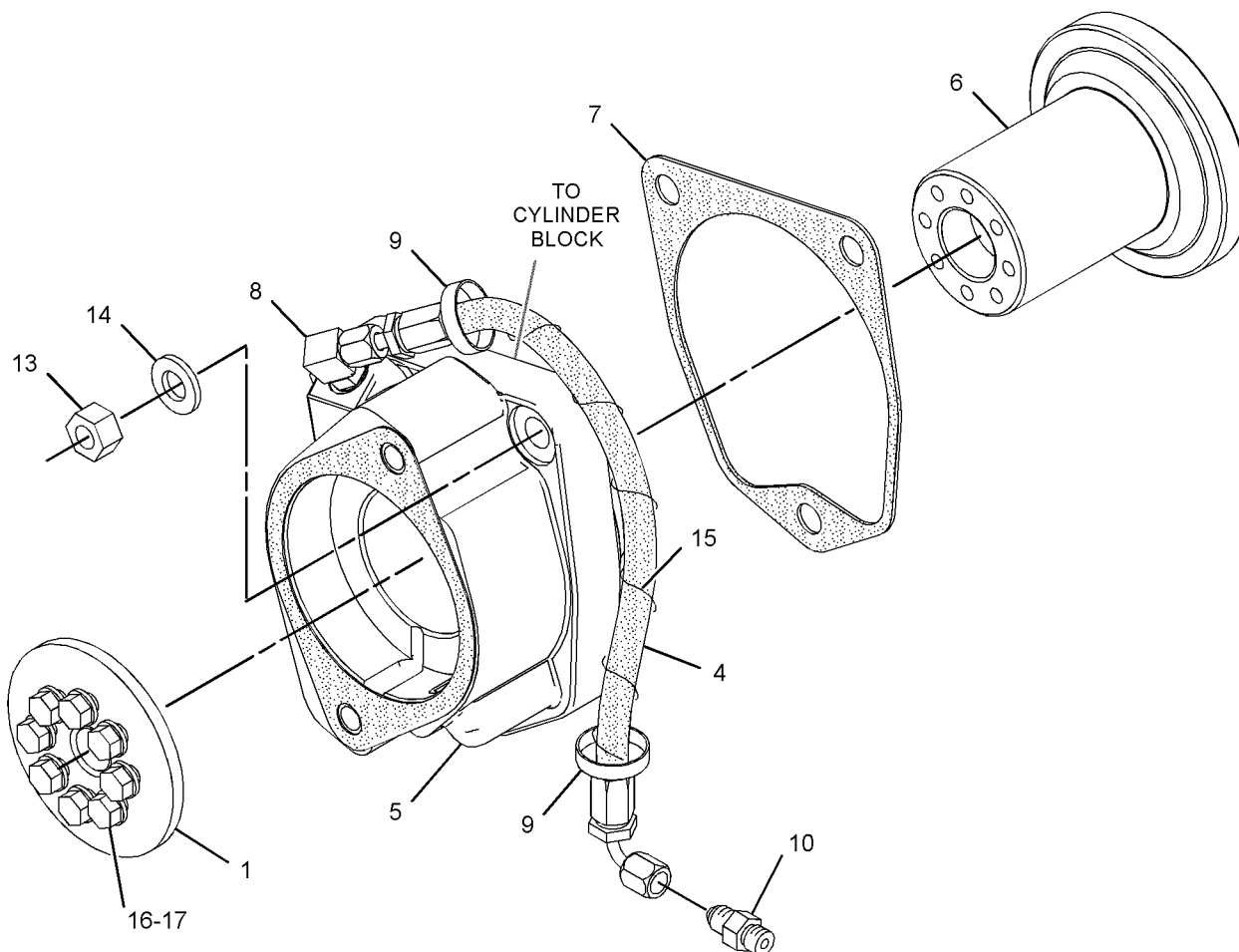
SMCS-1207

i03791704

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1N-3974	1	COUPLING						
I	4	1	101-6596	1	HOSE AS						
	5	1	143-8971	1	BEARING-DRIVE						
	6	1	143-9732	1	GEAR (40-TEETH)						
	7	1	144-6142	1	SEAL-INTEGRAL						
	8	1	343-8115	1	ELBOW AS						
		1	030-7946	1	ELBOW						
		1	214-7566	1	SEAL-O-RING						
	9	1	3S-2093	2	STRAP-CABLE						
	10	1	343-8121	1	CONNECTOR AS						
		1	3J-7352	1	CONNECTOR						
		1	214-7566	1	SEAL-O-RING						
	13	1	6V-8188	3	NUT (1/2-13-THD)						
	14	1	8T-4223	3	WASHER-HARD (13.5X25.5X3-MM THK)						
E	15	1	8C-5063		CONDUIT-FLEXIBLE (30-CM)						
	16	1	9M-1974	8	WASHER-HARD (8.8X16X2-MM THK)						
	17	1	2B-2695	8	BOLT (5/16-18X0.875-IN)						

E-ORDER BY THE CENTIMETER

I-REFER TO HYDRAULIC INFORMATION SYSTEM



GRAPHIC #1

<END>

g02049394

BASIC ENGINE

6I-3638 DRIVE GP-PUMP-HYDRAULIC FAN

S/N: RHX1-UP

LEFT HAND REARWARD FACING SAE 2 BOLT FLANGE WITH SPLINE DRIVE

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMPLETE

FOR USE WITH THE 2.5 BASE MODULE LARGE CAM GEAR TRAIN, CUSTOMER SUPPLIED SAE

"A" PUMP WITH 11 TOOTH 16/32 DEPTH SPLINE

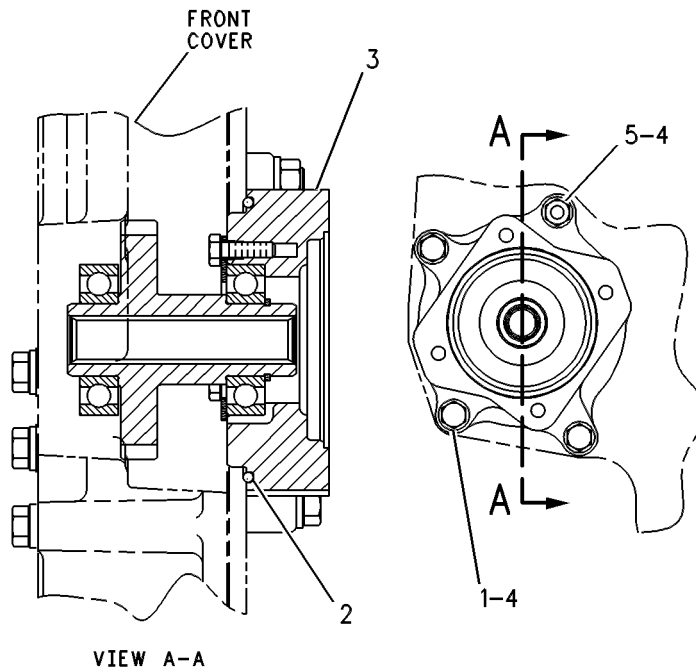
AN ATTACHMENT

SMCS-1207

i01949792

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	0S-1590	3	BOLT (3/8-16X2-IN)						
	2	1	8T-9527	1	SEAL-O-RING						
YC	3	1	133-9907	1	ADAPTER GP-PUMP DRIVE						26
	4	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	5	1	9S-8752	1	NUT-FULL (3/8-16-THD)						

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00263601

BASIC ENGINE

239-9624 ENGINE BRAKE GP*R

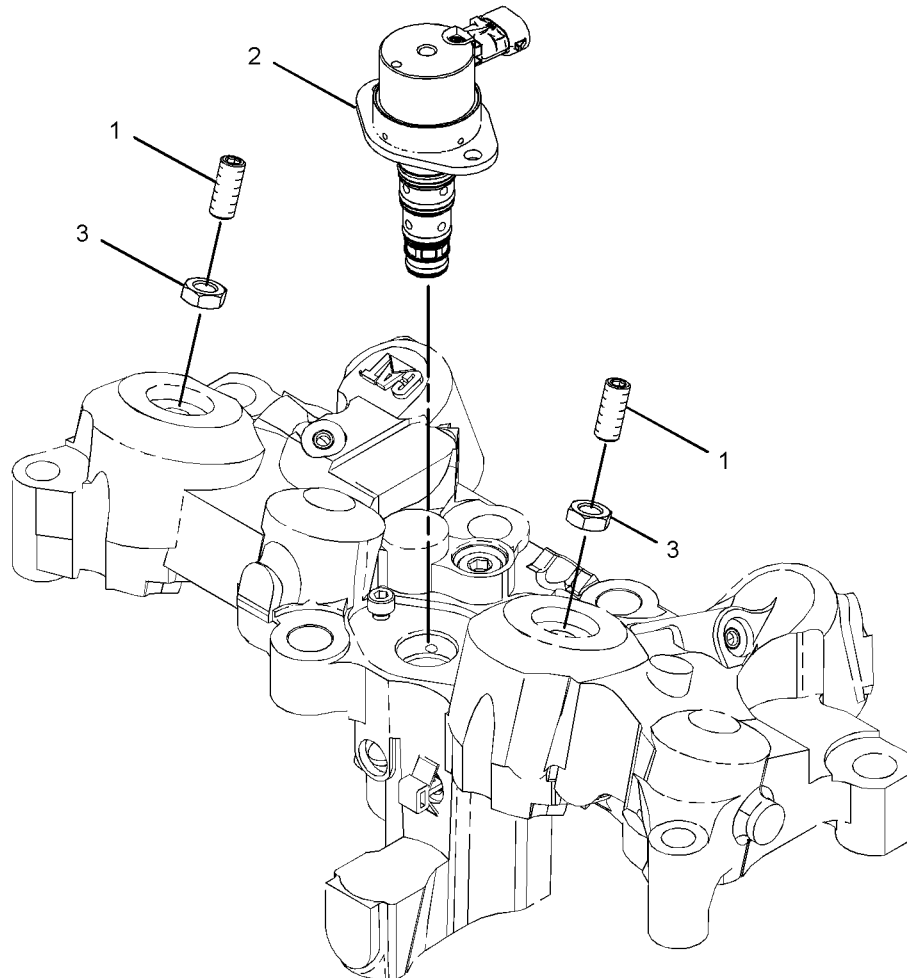
S/N: RHX1-UP

PART OF 233-7245 ACTUATOR GP-VALVE
AN ATTACHMENT

SMCS-1119

i02961086

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	230-9446	2	SCREW-ADJUSTMENT						
	2	1	250-9378	1	VALVE AS-BRAKE						
	3	1	230-9447	2	NUT-JAM						



GRAPHIC #1

<END>

g01271040

BASIC ENGINE

4P-6846 FASTENER GP-FRONT HOUSING

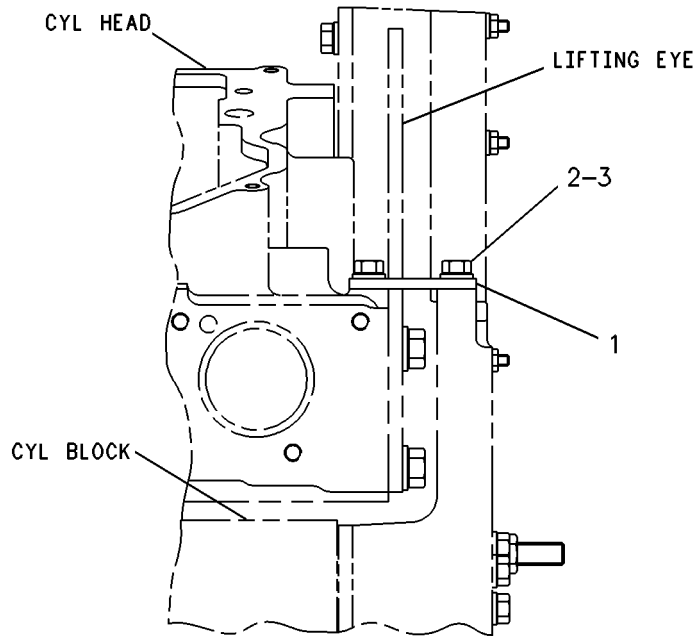
S/N: RHX1-UP

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMplete
AN ATTACHMENT

SMCS-1151, 1162

i02544049

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7N-0452	1	PLATE						
	2	1	0S-1594	2	BOLT (3/8-16X1-IN)						
	3	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g00231021

BASIC ENGINE

108-9382 FASTENER GP-FRONT HOUSING

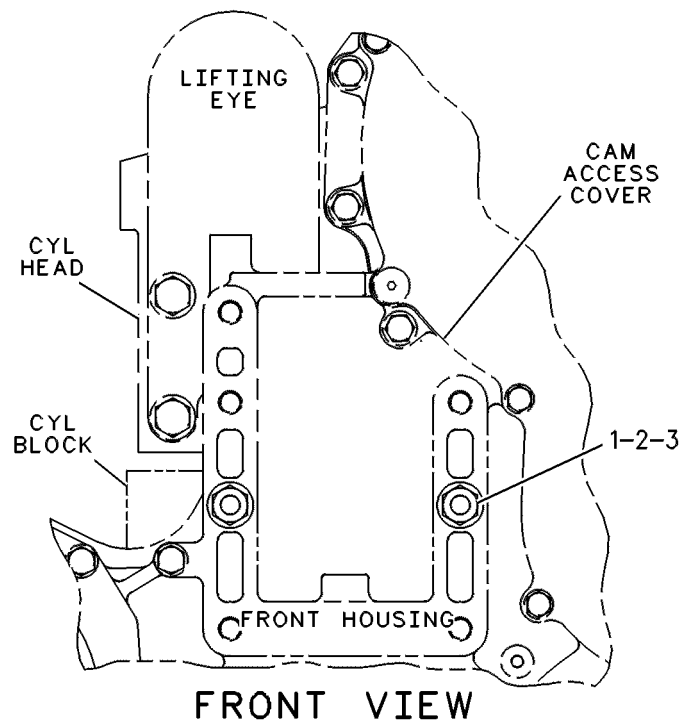
S/N: RHX1-UP

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMplete
FOR USE WITH FRONT HOUSING WHEN FAN DRIVE IS NOT INSTALLED
AN ATTACHMENT

SMCS-1151, 1162

i00670762

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1F-7958	2	NUT-FULL (1/2-13-THD)						
	2	1	5P-8245	2	WASHER-HARD (13.5X25.5X3-MM THK)						
	3	1	149-5268	2	STUD-TAPERLOCK						



GRAPHIC #1

<END>

g00237936

BASIC ENGINE

109-1657 FASTENER GP-VALVE MECHANISM

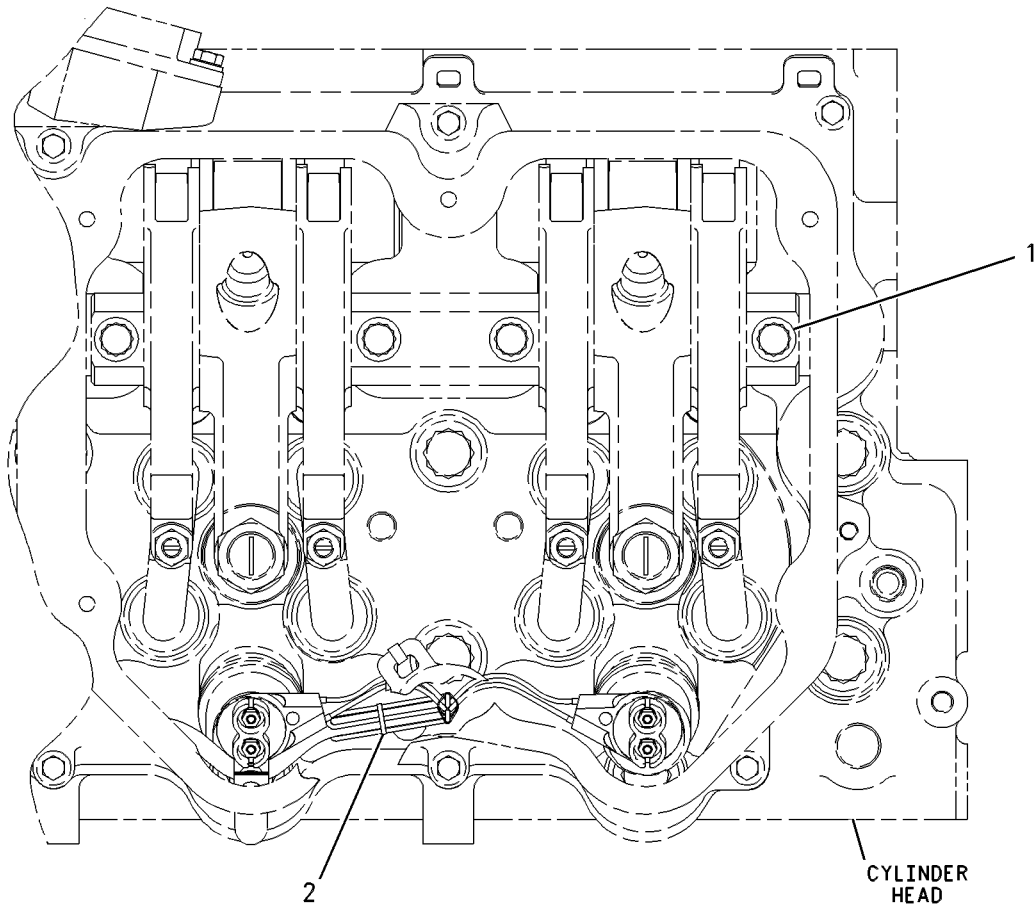
S/N: RHX1-UP

PART OF 241-5933, 280-2166, 317-2767 ENGINE AR-CORE
AN ATTACHMENT

SMCS-1102

i01090405

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5J-5794	12	BOLT (1/2-13X3.5-IN)						
	2	1	8L-8413	6	STRAP-CABLE						



TOP VIEW

GRAPHIC #1

<END>

g00571205

BASIC ENGINE

4P-6817 FLYWHEEL GP

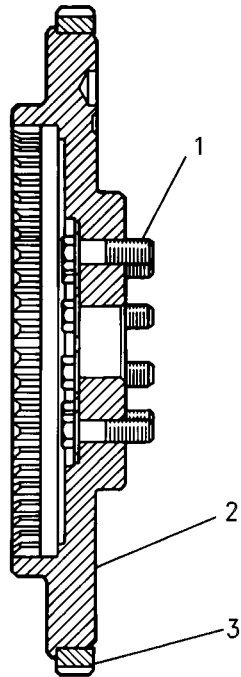
S/N: RHX1-UP

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMplete
AN ATTACHMENT

SMCS-1156

i02899141

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	0S-1577	12	BOLT (5/8-18X2.25-IN)						
		1	4D-3704	12	WASHER-HARD (17X30X5-MM THK)						
	2	1	4P-6818	1	FLYWHEEL AS						
	3	1	4N-2514	1	GEAR (113-TEETH)						



GRAPHIC #1

<END>

g00594779

BASIC ENGINE

204-9316 GEAR GP-CAMSHAFT

S/N: RHX1-UP

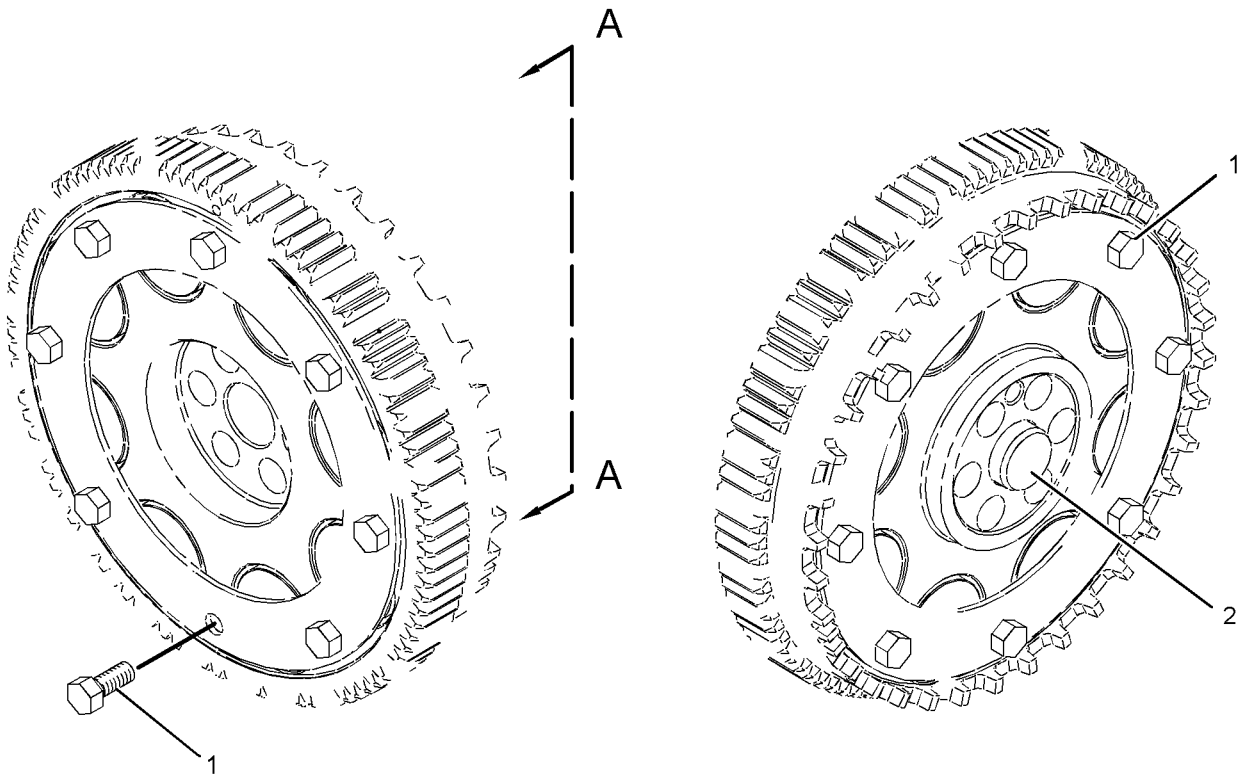
96-TEETH

PART OF 207-0449 GEAR GP-FRONT
AN ATTACHMENT

SMCS-1212

i02758303

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



VIEW A-A

GRAPHIC #1

<END>

g01381153

BASIC ENGINE

207-0449 GEAR GP-FRONT

S/N: RHX1-UP

SHOT-PEENED CLUSTER IDLER AND AN 8 BOLT CAM GEAR RETAINER
PART OF 241-5933, 241-5934, 280-2166, 317-2767 ENGINE AR-CORE
AN ATTACHMENT

SMCS-1151, 1162, 1206

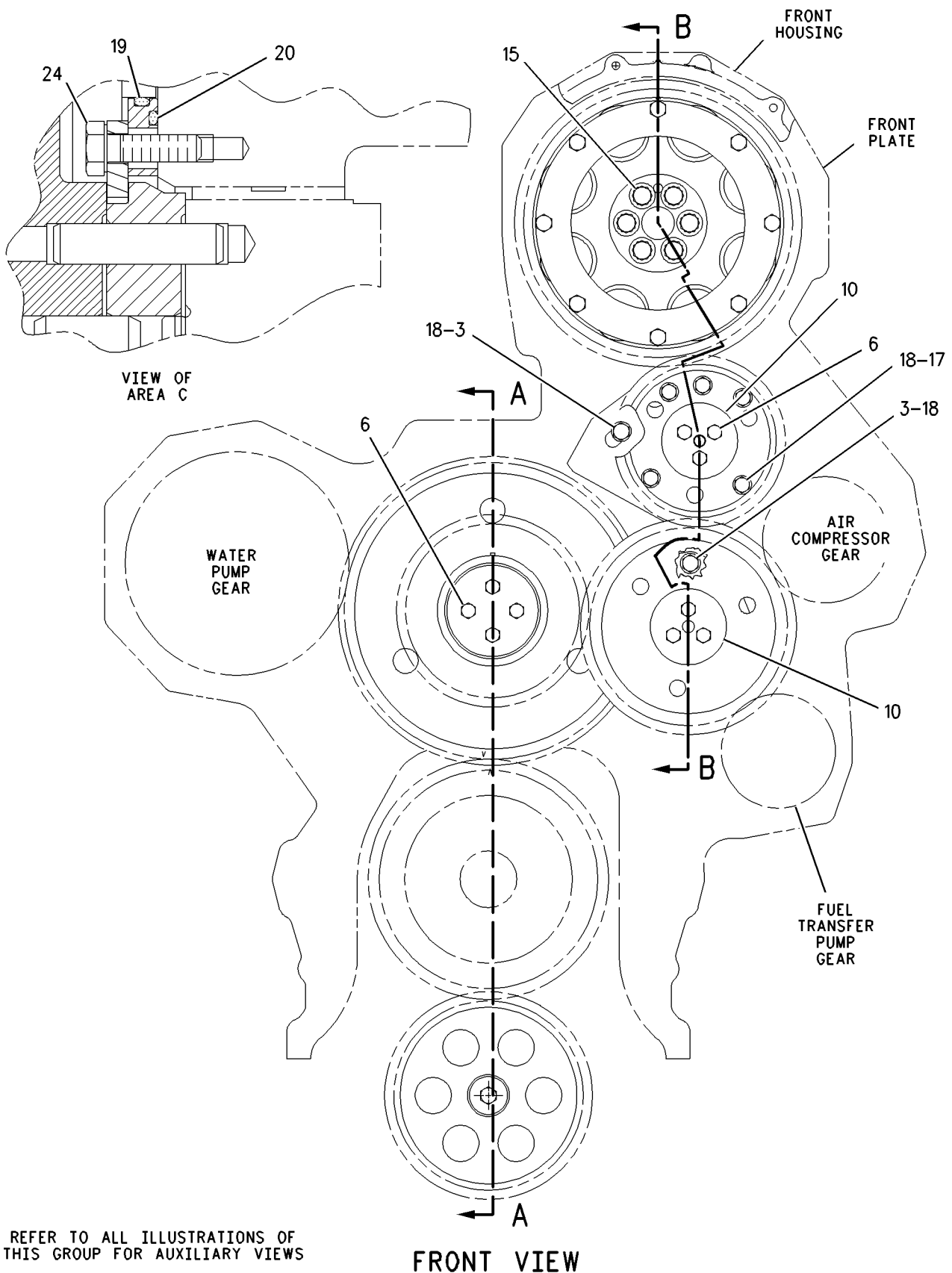
i02868063

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	0S-1571	1	BOLT (3/8-16X1.75-IN)						
	2	2	2J-3118	5	BOLT-LOCKING (3/8-16X1.25-IN)						
	3	1	5P-4142	2	BOLT-LOCKING (3/8-16X1.5-IN)						
	4	2	1B-8705	1	KEY-WOODRUFF						
	5	2	1P-7346	1	WASHER-HARD (10.2X35X6-MM THK)						
	6	1	126-1756	10	BOLT-LOCKING (5/16-18X0.875-IN)						
	7	2	112-9217	1	PLATE-THRUST						
	8	2	130-4701	1	GEAR AS (56-TEETH)						
		2	130-4698	1	BEARING-SLEEVE						
	9	2	151-5966	1	SHAFT AS-STUB						
		2	6I-3623	1	DOWEL						
	10	1	6I-3624	2	PLATE-THRUST						
	11	2	6I-3625	1	GEAR AS (71-TEETH)						
		2	101-8468	1	BEARING-SLEEVE						
Y	12	2	204-9316	1	GEAR GP-CAMSHAFT (96-TEETH)						84
	13	2	197-4971	1	SHAFT-STUB						
	14	2	158-3416	1	SHAFT-STUB						
	15	1	031-3185	6	BOLT-12 POINT HEAD (5/8-11X3-IN)						
	16	2	149-9110	1	GEAR-OIL PUMP DRIVE (69-TEETH)						
	17	1, 2	9S-8752	10	NUT-FULL (3/8-16-THD)						
	18	1, 2	9X-6458	12	WASHER-HARD (10.2X22.5X3-MM THK)						
	19	1	117-8801	1	SEAL-O-RING						
	20	1	5E-8771	1	SEAL-O-RING						
	21	2	159-1533	1	PLATE-SEALING						
	22	2	159-8524	1	ADAPTER AS						
		2	6V-3677	1	DOWEL						
	23	2	102-5861	1	PLATE-THRUST						
	24	1	107-0583	3	BOLT-LOCKING (1/4-20X0.87-IN)						
	25	2	187-8979	1	GEAR AS (105, 63-TEETH)						
		2	1B-8705	1	KEY-WOODRUFF						
		2	6I-4582	1	GEAR (63-TEETH)						
		2	131-7123	1	BEARING-SLEEVE						
Y-SEPARATE ILLUSTRATION											

BASIC ENGINE

207-0449 GEAR GP - FRONT (contd.)

i02868063



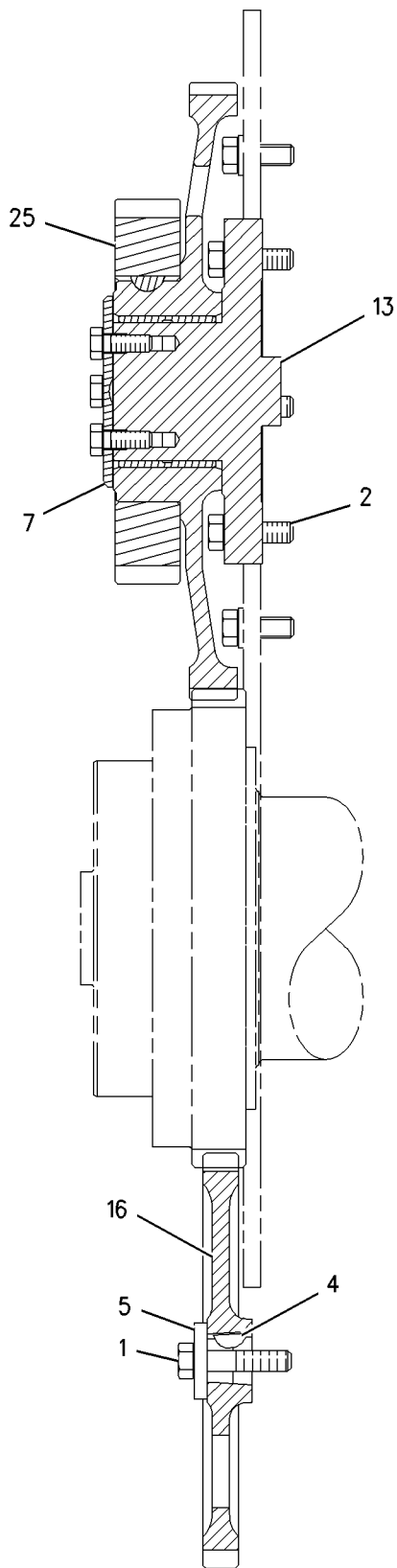
GRAPHIC #1

g00809001

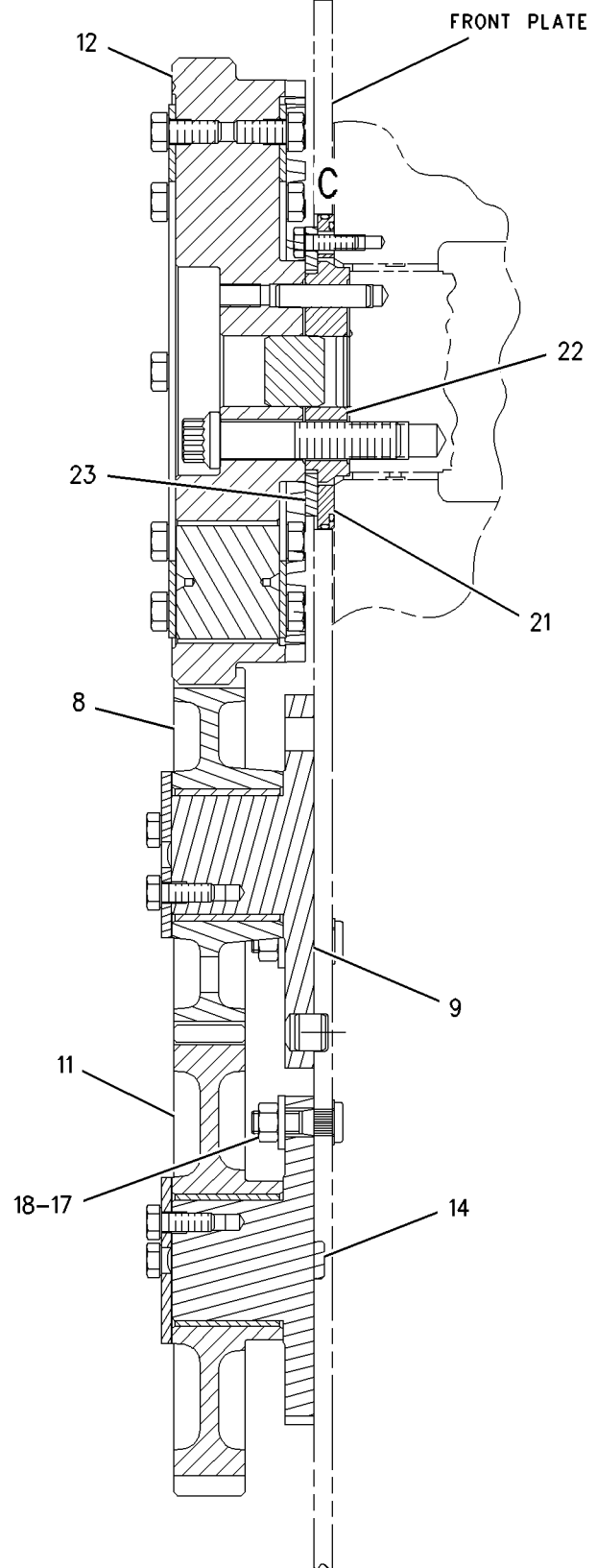
BASIC ENGINE

207-0449 GEAR GP - FRONT (contd.)

i02868063



SECTION A-A



SECTION B-B

GRAPHIC #2

<END>

g00809003

BASIC ENGINE

134-2809 HOUSING GP-FLYWHEEL

S/N: RHX1-UP

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMPLETE

AN ATTACHMENT

TYPE 1

SMCS-1157

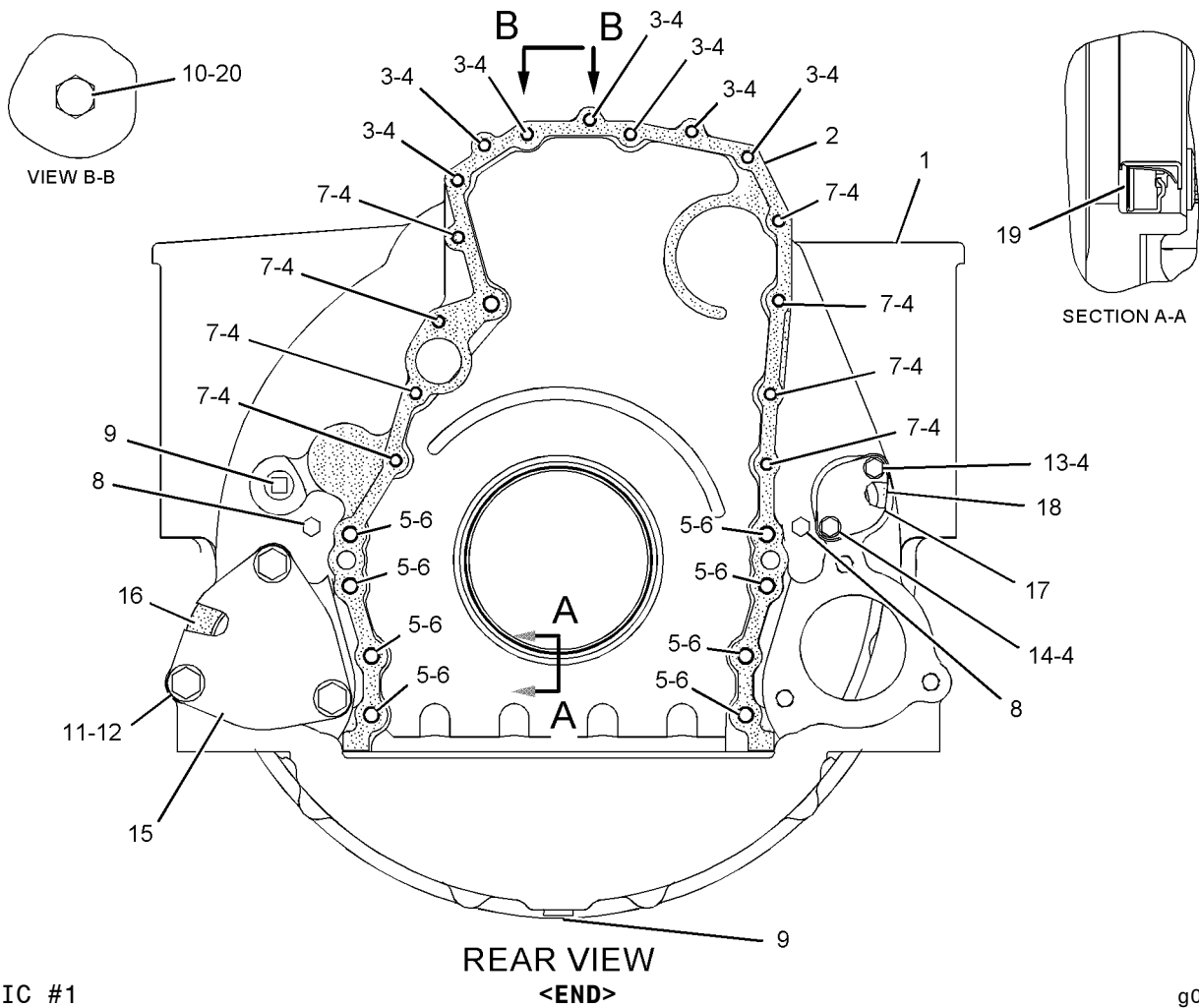
i02972468

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	131-8107	1	HOUSING AS-FLYWHEEL	
		1	1W-3136	1	BAFFLE	
	2	1	155-5619	1	GASKET	
	3	1	165-3929	8	BOLT (3/8-16X1.5-IN)	
	4	1	5M-2894	17	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	5	1	7K-6058	9	BOLT-12 POINT HEAD (1/2-13X2.5-IN)	
	6	1	5P-8245	9	WASHER-HARD (13.5X25.5X3-MM THK)	
	7	1	165-3933	7	BOLT (3/8-16X2.25-IN)	
	8	1	5M-6213	2	PLUG-PIPE	
	9	1	7X-7731	2	PLUG-PIPE	
	10	1	5F-0304	1	PLUG	
	11	1	4B-4043	3	BOLT (5/8-11X1.375-IN)	
	12	1	5P-8247	3	WASHER-HARD (17X32X3.5-MM THK)	
	13	1	0S-1619	1	BOLT (3/8-16X3-IN)	
	14	1	0S-1594	1	BOLT (3/8-16X1-IN)	
	15	1	3H-0761	1	COVER-OPENING	
	16	1	9Y-6089	1	GASKET	
	17	1	2P-2772	1	COVER	
	18	1	4N-0933	1	GASKET	
Y	19	1	319-0785	1	SEAL GP-CRANKSHAFT (REAR FLYWHEEL HOUSING)	132
	20	1	2A-1162	1	GASKET	
Y-SEPARATE ILLUSTRATION						

BASIC ENGINE

134-2809 HOUSING GP-FLYWHEEL (contd.)

i02972468



GRAPHIC #1

g01099251

BASIC ENGINE

134-2809 HOUSING GP-FLYWHEEL

S/N: RHX1-UP

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMplete
AN ATTACHMENT
TYPE 2

SMCS-1157

i03542723

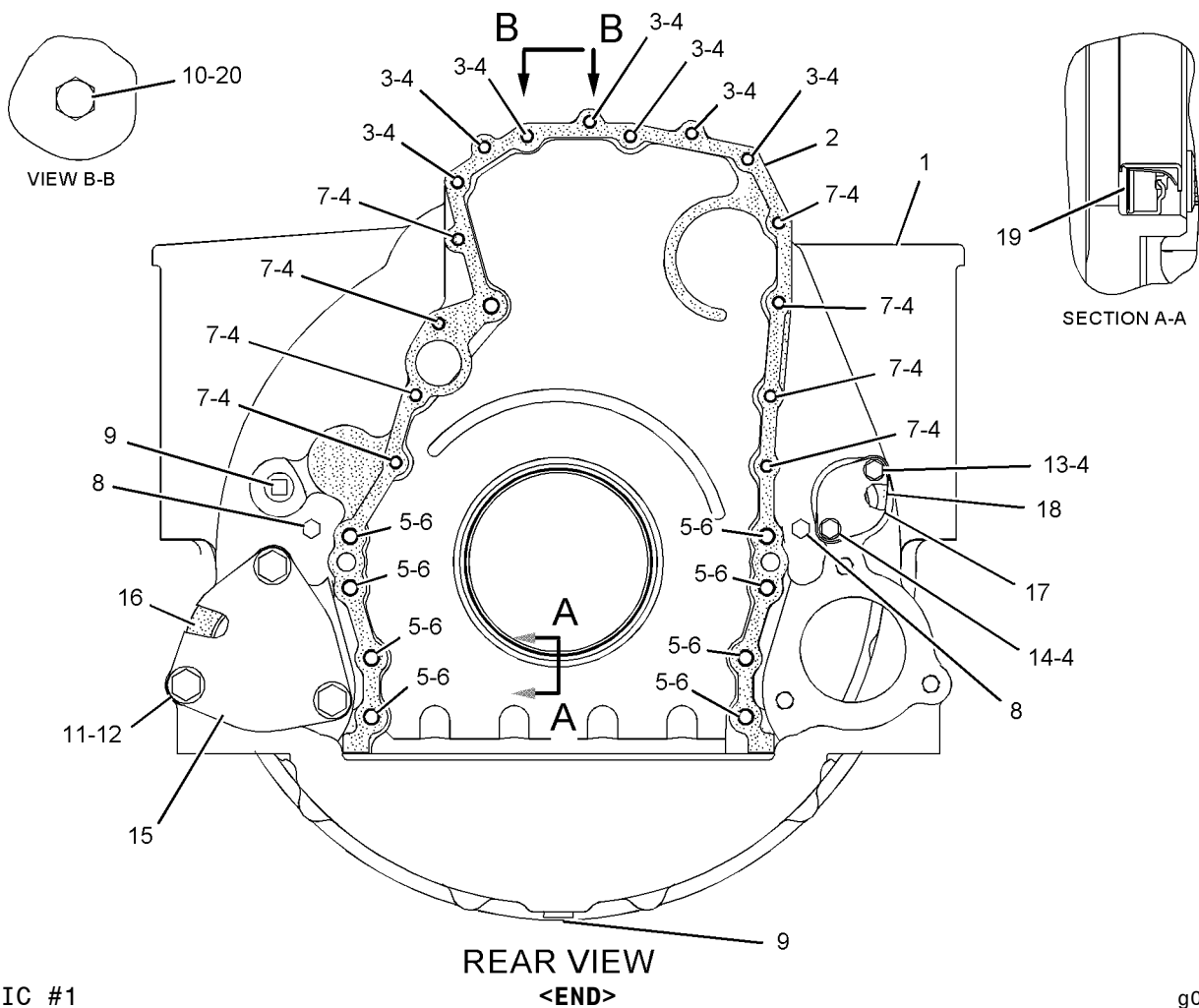
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	131-8107	1	HOUSING AS-FLYWHEEL	
		1	1W-3136	1	BAFFLE	
	2	1	155-5619	1	GASKET	
	3	1	165-3929	8	BOLT (3/8-16X1.5-IN)	
	4	1	5M-2894	17	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	5	1	7K-6058	9	BOLT-12 POINT HEAD (1/2-13X2.5-IN)	
	6	1	5P-8245	9	WASHER-HARD (13.5X25.5X3-MM THK)	
	7	1	165-3933	7	BOLT (3/8-16X2.25-IN)	
	8	1	5M-6213	2	PLUG-PIPE	
	9	1	7X-7731	2	PLUG-PIPE	
	10	1	5F-0304	1	PLUG	
	11	1	4B-4043	3	BOLT (5/8-11X1.375-IN)	
	12	1	5P-8247	3	WASHER-HARD (17X32X3.5-MM THK)	
	13	1	0S-1619	1	BOLT (3/8-16X3-IN)	
	14	1	0S-1594	1	BOLT (3/8-16X1-IN)	
	15	1	3H-0761	1	COVER-OPENING	
	16	1	9Y-6089	1	GASKET	
	17	1	2P-2772	1	COVER	
C	18	1	234-8937	1	SEAL-INTEGRAL	
Y	19	1	319-0785	1	SEAL GP-CRANKSHAFT (REAR FLYWHEEL HOUSING)	132
	20	1	2A-1162	1	GASKET	

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION

BASIC ENGINE

134-2809 HOUSING GP-FLYWHEEL (contd.)

i03542723



GRAPHIC #1

g01099251

BASIC ENGINE

241-0478 HOUSING GP-FRONT

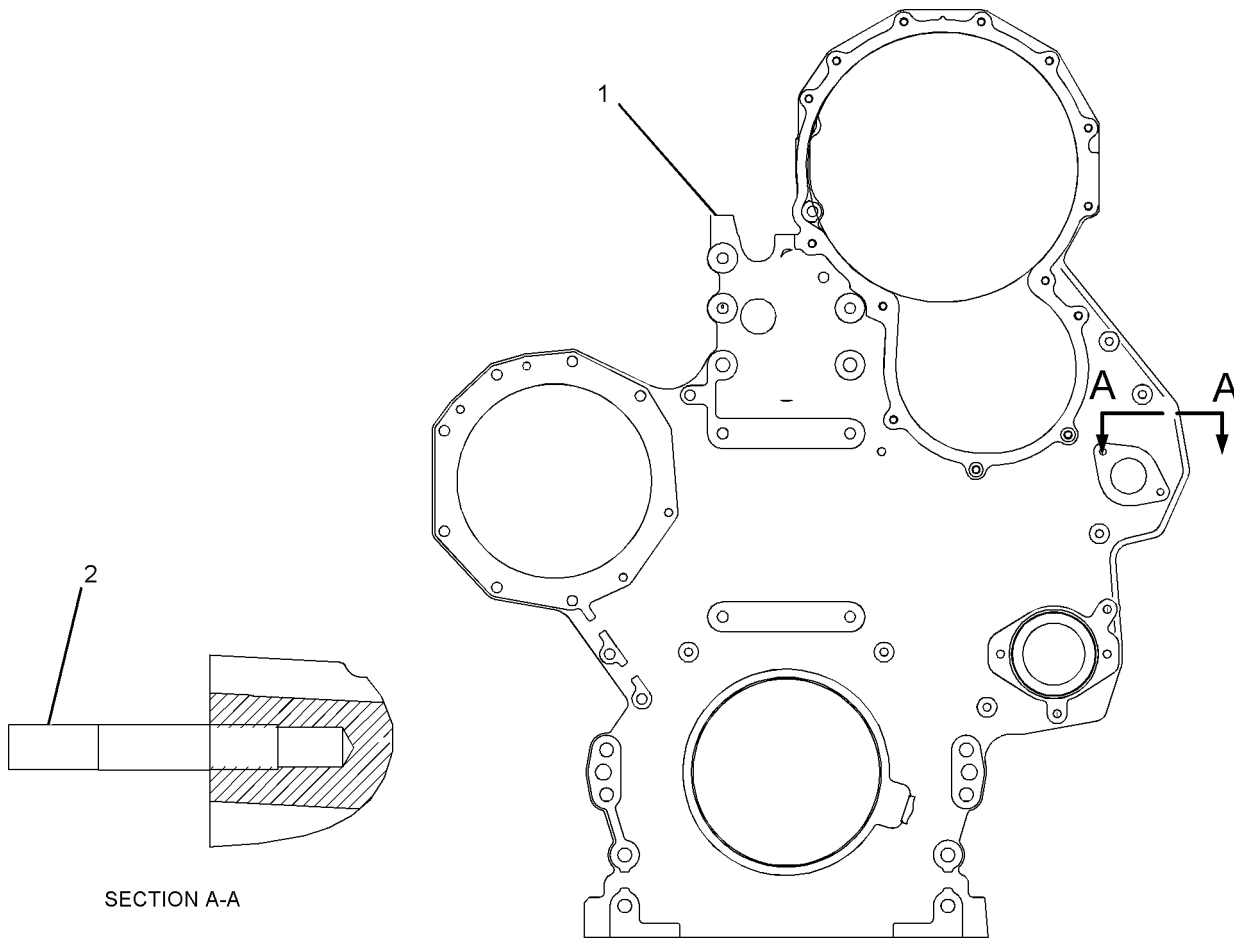
S/N: RHX8680-UP

PART OF 341-8964 HOUSING GP-FRONT
AN ATTACHMENT

SMCS-1151, 1162, 1206

i03026682

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	187-5420	1	HOUSING-FRONT						
	2	1	3E-8044	1	STUD (1/2-13X2.95-IN)						



<END>

g01071877

GRAPHIC #1

BASIC ENGINE

243-5786 HOUSING GP-FRONT

S/N: RHX1-8679

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMPLETE
AN ATTACHMENT

SMCS-1151, 1162, 1206

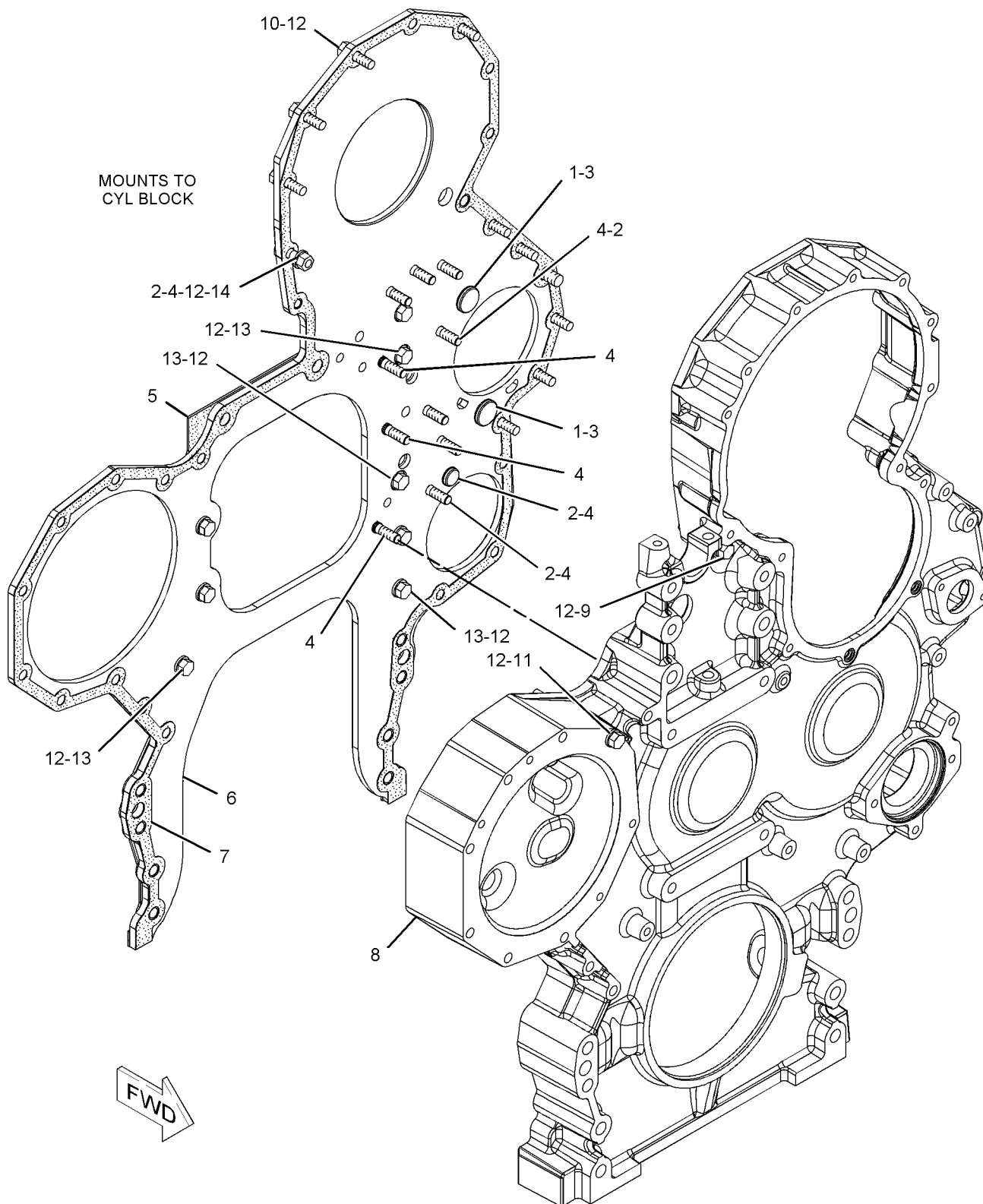
i02741066

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	120-9243	2	STUD-SPECIAL (BRAKE)						
	2	1	126-1757	9	WASHER (10.85X19.3X1.27-MM THK)						
	3	1	129-5427	2	WASHER-SPECIAL (SEALING)						
	4	1	129-5428	12	STUD (BRAKE)						
	5	1	155-9524	1	SEAL-INTEGRAL						
	6	1	158-8881	1	PLATE						
	7	1	166-9144	1	GASKET						
	8	1	241-0478	1	HOUSING GP-FRONT						
		1	3E-8044	1	STUD (1/2-13X2.95-IN)						
		1	187-5420	1	HOUSING-FRONT						
	9	1	0L-2070	1	BOLT (3/8-16X2.25-IN)						
	10	1	0S-1588	9	BOLT (3/8-16X1.25-IN)						
	11	1	0T-0055	1	BOLT (3/8-16X4.25-IN)						
	12	1	5M-2894	20	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	13	1	5P-4255	8	BOLT-LOCKING (3/8-16X1-IN)						
	14	1	9S-8752	1	NUT-FULL (3/8-16-THD)						

BASIC ENGINE

243-5786 HOUSING GP-FRONT (contd.)

i02741066



GRAPHIC #1

<END>

g01099059

BASIC ENGINE

341-8964 HOUSING GP-FRONT

S/N: RHX8292-UP

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMPLETE
AN ATTACHMENT

SMCS-1151, 1162, 1206

i03763370

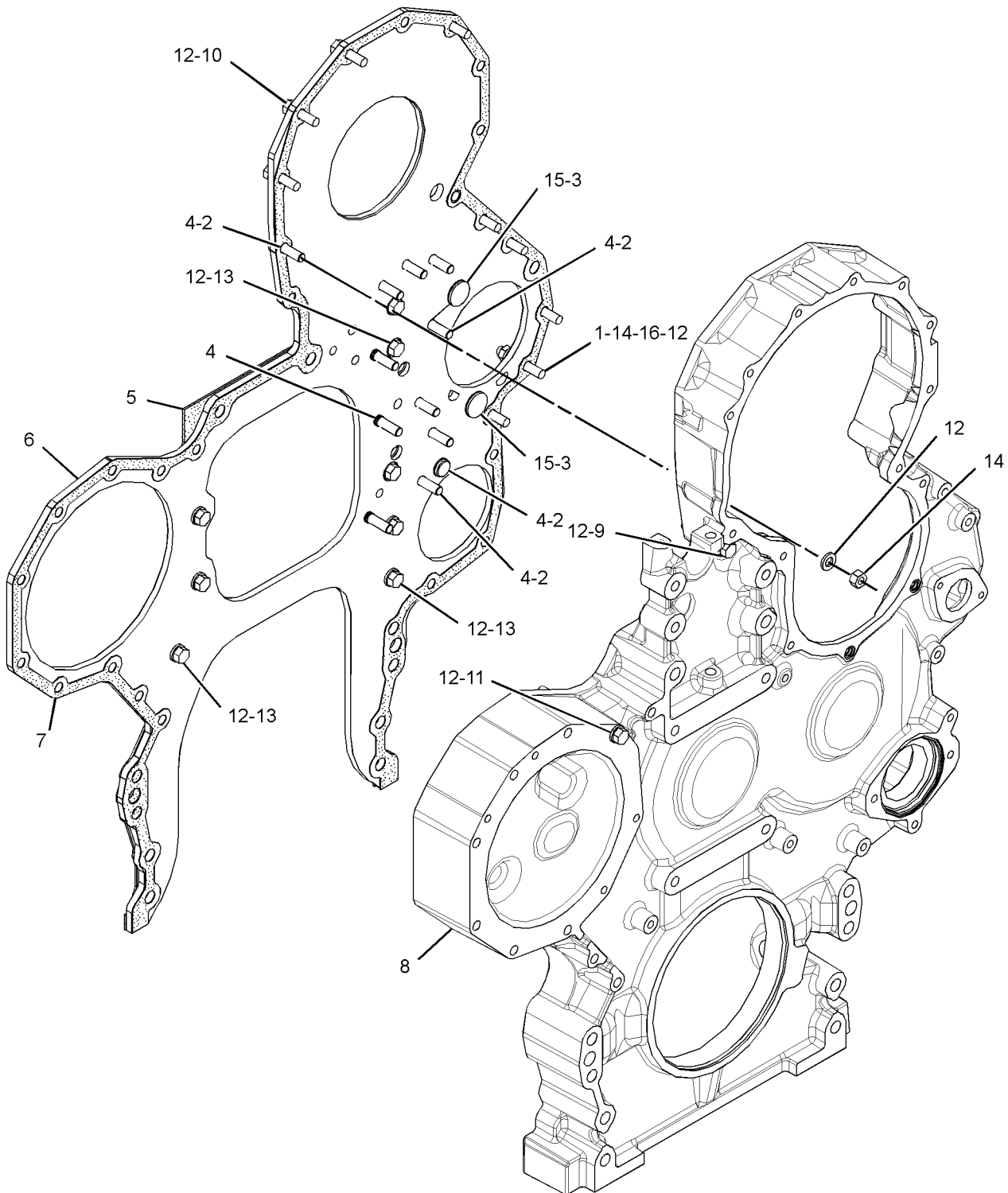
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	129-3172	1	STUD-MOUNTING (3/8-16X1.564-IN)						
	2	1	126-1757	9	WASHER (10.85X19.3X1.27-MM THK)						
	3	1	129-5427	2	WASHER-SPECIAL (SEALING)						
	4	1	129-5428	12	STUD (BRAKE)						
	5	1	155-9524	1	SEAL-INTEGRAL						
	6	1	158-8881	1	PLATE						
	7	1	166-9144	1	GASKET						
Y	8	1	241-0478	1	HOUSING GP-FRONT						92
	9	1	0L-2070	1	BOLT (3/8-16X2.25-IN)						
	10	1	0S-1588	8	BOLT (3/8-16X1.25-IN)						
	11	1	0T-0055	1	BOLT (3/8-16X4.25-IN)						
	12	1	5M-2894	20	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	13	1	5P-4255	8	BOLT-LOCKING (3/8-16X1-IN)						
	14	1	9S-8752	2	NUT-FULL (3/8-16-THD)						
	15	1	334-6832	2	STUD-SPECIAL (BRAKE)						
	16	1	6V-5839	2	WASHER (11X21X2.5-MM THK)						

Y-SEPARATE ILLUSTRATION

BASIC ENGINE

341-8964 HOUSING GP-FRONT (contd.)

i03763370



GRAPHIC #1

<END>

g02029661

BASIC ENGINE

111-2088 LIFTING GP-ENGINE

S/N: RHX1-UP

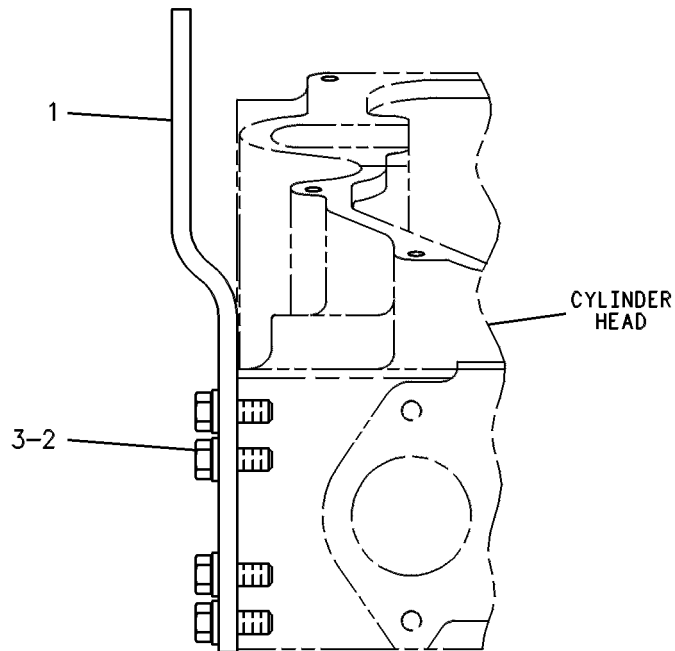
REAR, LOW PROFILE LIFTING EYE

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMplete
AN ATTACHMENT

SMCS-1122

i02332229

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	109-9985	1	EYE-LIFTING	
	2	1	0S-1594	8	BOLT (3/8-16X1-IN)	
	3	1	5M-2894	8	WASHER-HARD (10.2X18.5X2.5-MM THK)	



GRAPHIC #1

<END>

g00238183

BASIC ENGINE

111-2355 LIFTING GP-ENGINE

S/N: RHX1-UP

FRONT- OFFSET LIFTING EYE

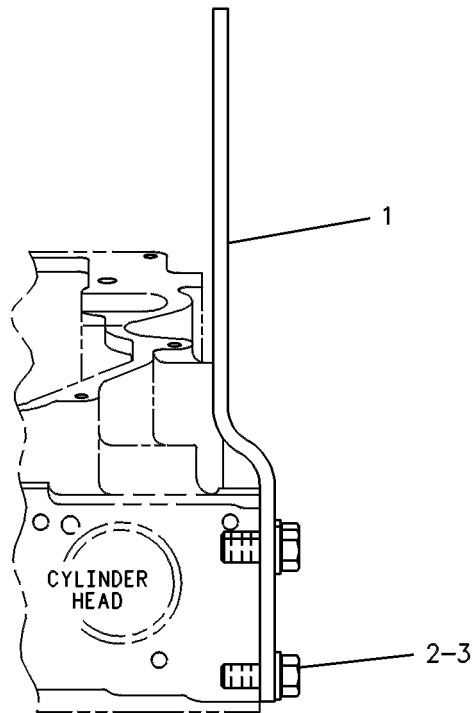
PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMplete

CANNOT BE USED WITH ALTERNATOR MOUNTING
AN ATTACHMENT

SMCS-1122

i00833389

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	110-4344	1	EYE-LIFTING						
	2	1	0S-1595	4	BOLT (1/2-13X1.25-IN)						
	3	1	5P-8245	4	WASHER-HARD (13.5X25.5X3-MM THK)						



GRAPHIC #1

<END>

g00238181

BASIC ENGINE

148-7482 MECHANISM GP-FUEL PUMP & VALVE

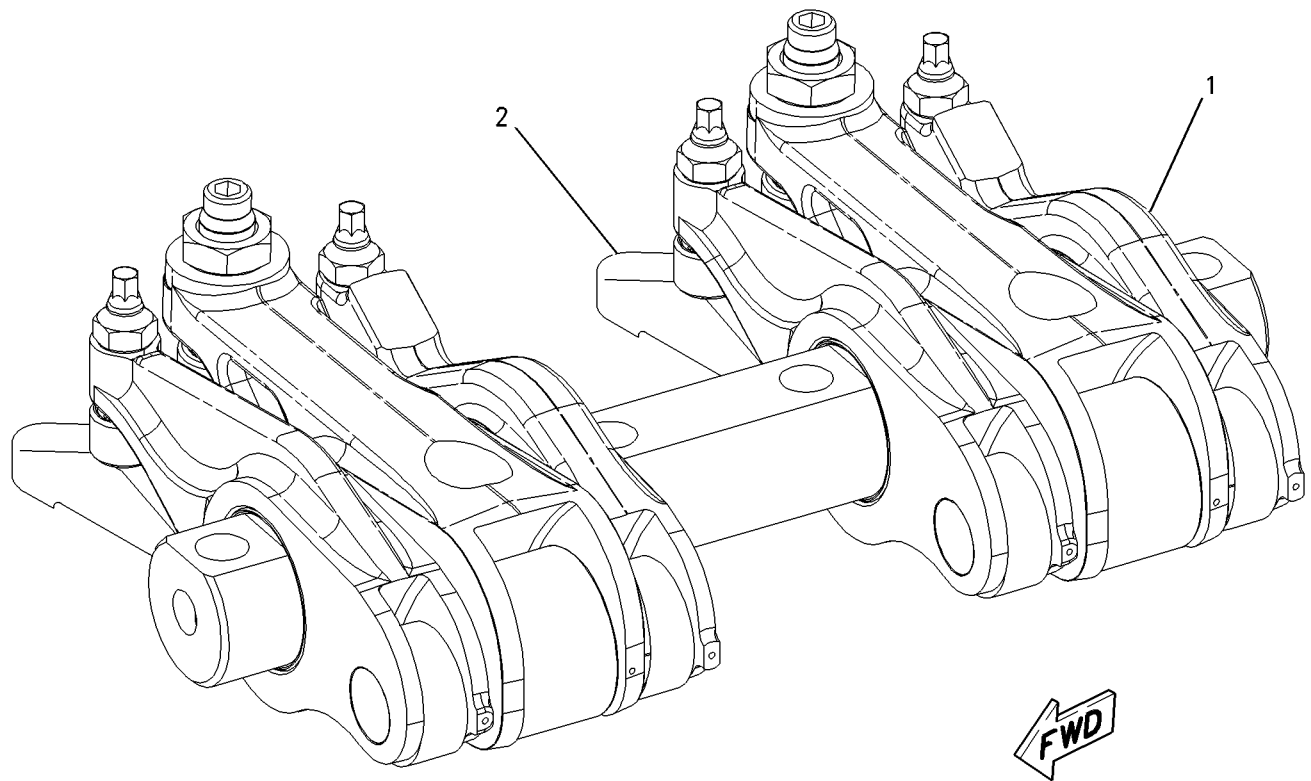
S/N: RHX1-1782

PART OF 241-5933 ENGINE AR-CORE
AN ATTACHMENT

SMCS-1102, 1123

i01768605

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
CY	1	1	198-9898	3	ROCKER ARM GP						121
	2	1	6I-1458	12	BRIDGE-VALVE						
C-CHANGE FROM PREVIOUS TYPE											
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g00905240

BASIC ENGINE

190-0009 MECHANISM GP-FUEL PUMP & VALVE

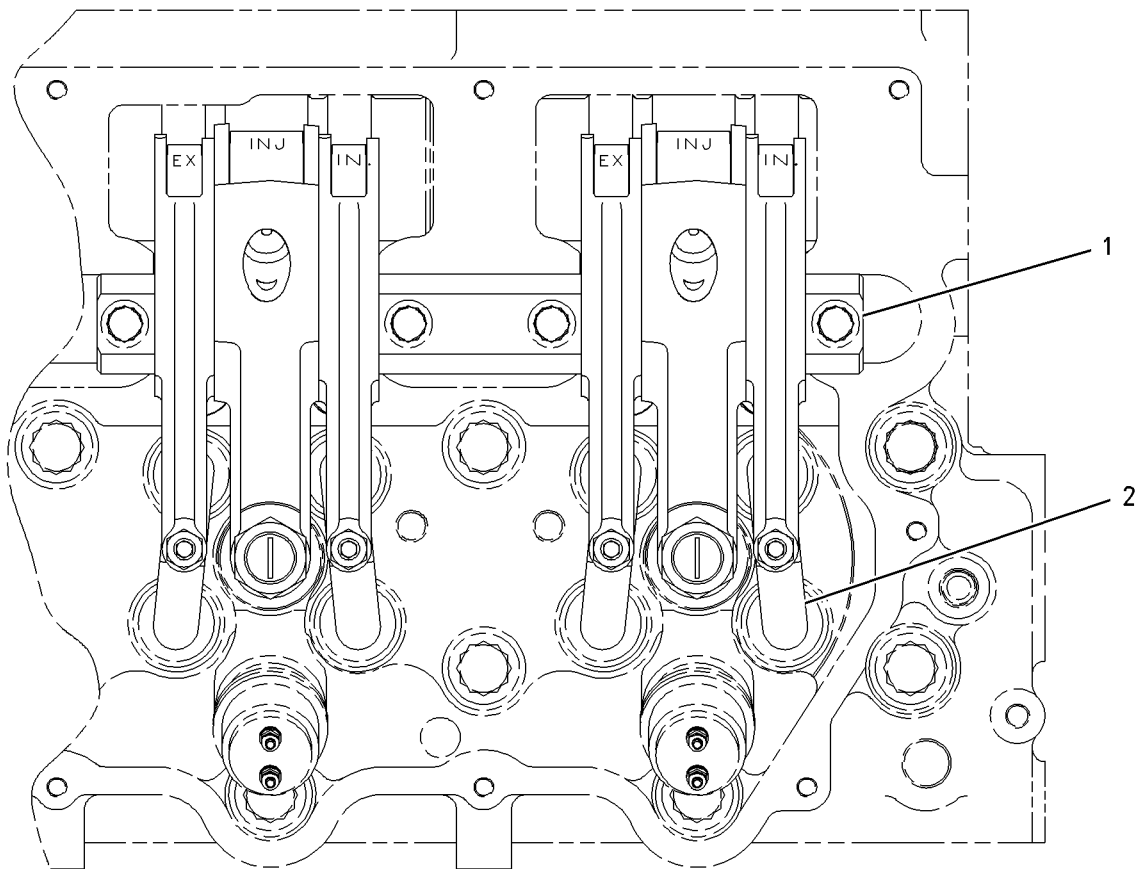
S/N: RHX2220-UP

PART OF 241-5933 ENGINE AR-CORE
AN ATTACHMENT

SMCS-1102, 1123

i02518515

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
CY	1	1	278-1929	3	ROCKER ARM GP						124
	2	1	6I-1458	12	BRIDGE-VALVE						
C-CHANGE FROM PREVIOUS TYPE Y-SEPARATE ILLUSTRATION											



TOP VIEW

GRAPHIC #1

<END>

g00814910

BASIC ENGINE

190-0009 MECHANISM GP-FUEL PUMP & VALVE

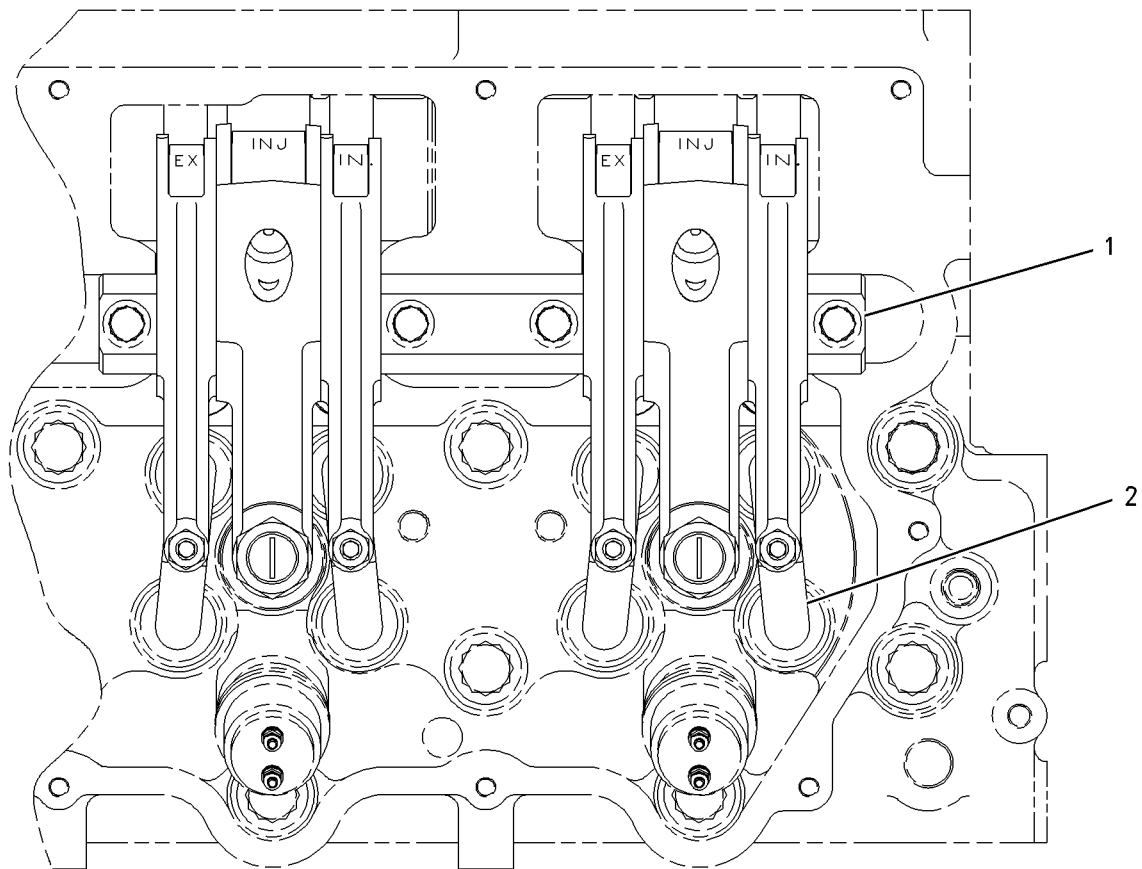
S/N: RHX1-UP

PART OF 241-5933, 317-2767 ENGINE AR-CORE
AN ATTACHMENT

SMCS-1102, 1123

i03690834

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
CY	1	1	328-4236	3	ROCKER ARM GP						129
	2	1	348-7743	12	BRIDGE-VALVE						
C-CHANGE FROM PREVIOUS TYPE											
Y-SEPARATE ILLUSTRATION											



TOP VIEW

GRAPHIC #1

<END>

g00814910

BASIC ENGINE

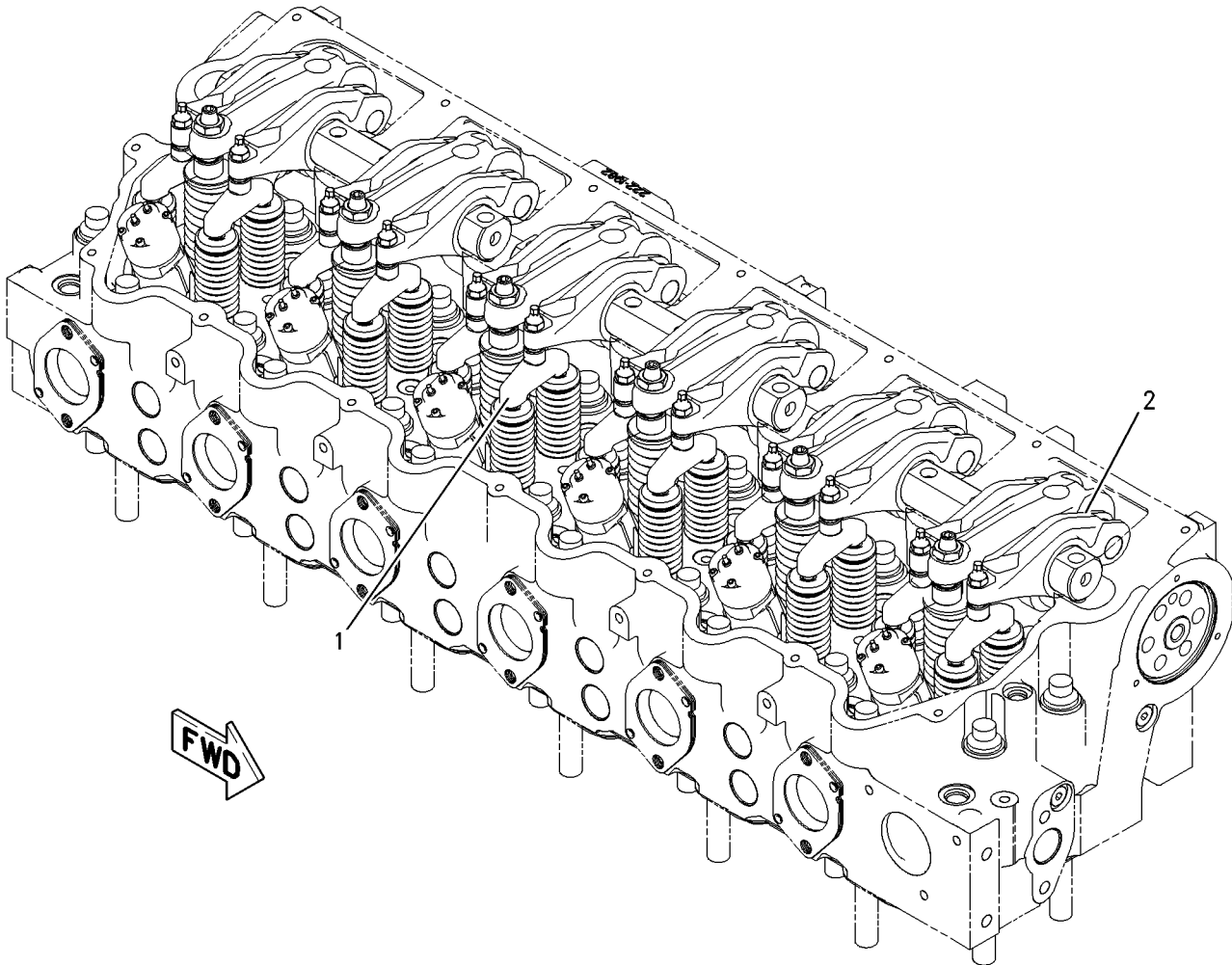
266-3699 MECHANISM GP-FUEL PUMP & VALVE

S/N: RHX1-UP
PART OF 241-5934 ENGINE AR-CORE
AN ATTACHMENT
TYPE 1

SMCS-1102, 1123

i02237653

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-1458	12	BRIDGE-VALVE						
Y	2	1	262-7100	3	ROCKER ARM GP						123
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g01002983

BASIC ENGINE

266-3699 MECHANISM GP-FUEL PUMP & VALVE

S/N: RHX1-UP

PART OF 241-5934 ENGINE AR-CORE

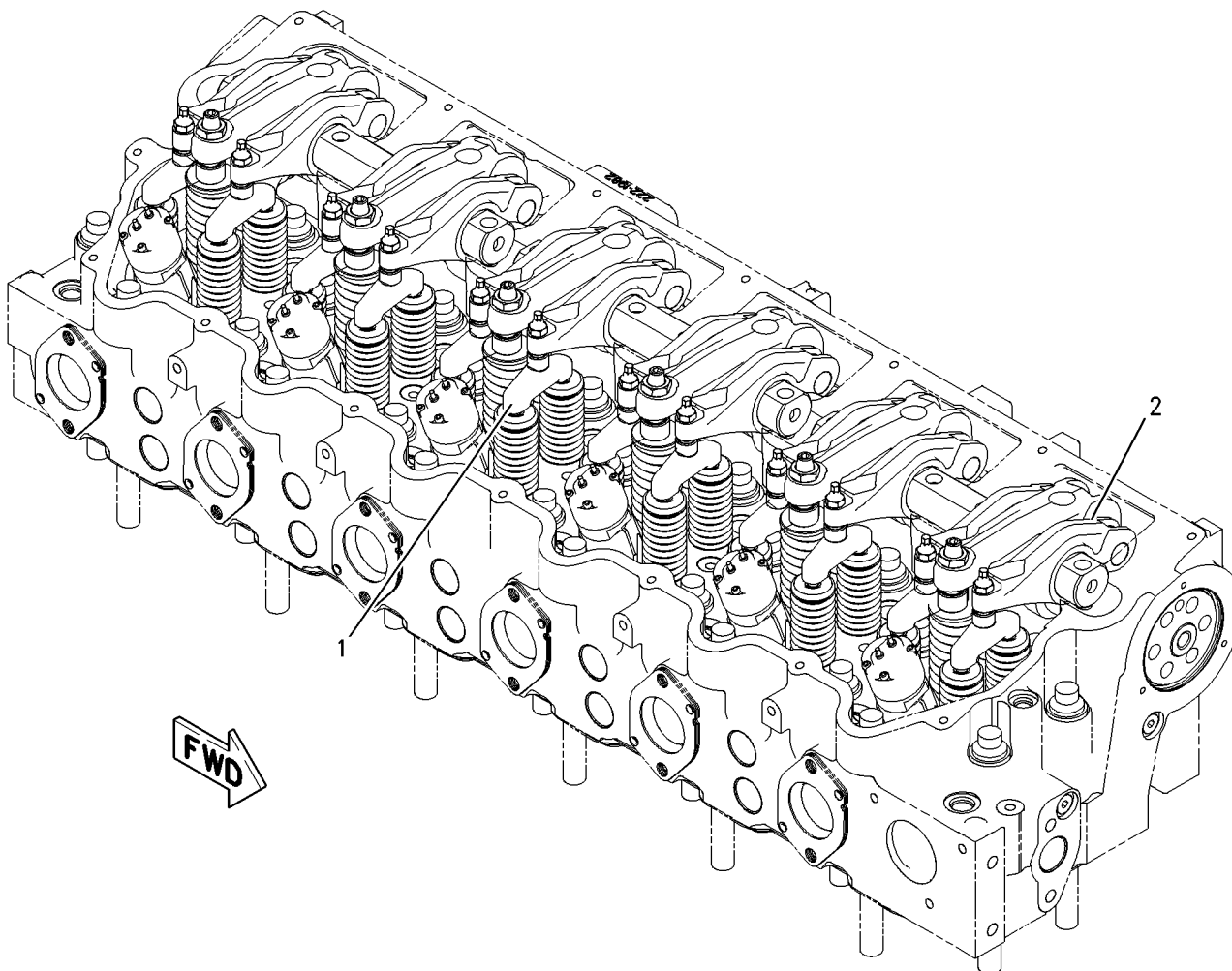
AN ATTACHMENT

TYPE 2

SMCS-1102, 1123

i03484981

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-1458	12	BRIDGE - VALVE						
CY	2	1	328-4242	3	ROCKER ARM GP						131
C-CHANGE FROM PREVIOUS TYPE											
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g01002983

BASIC ENGINE

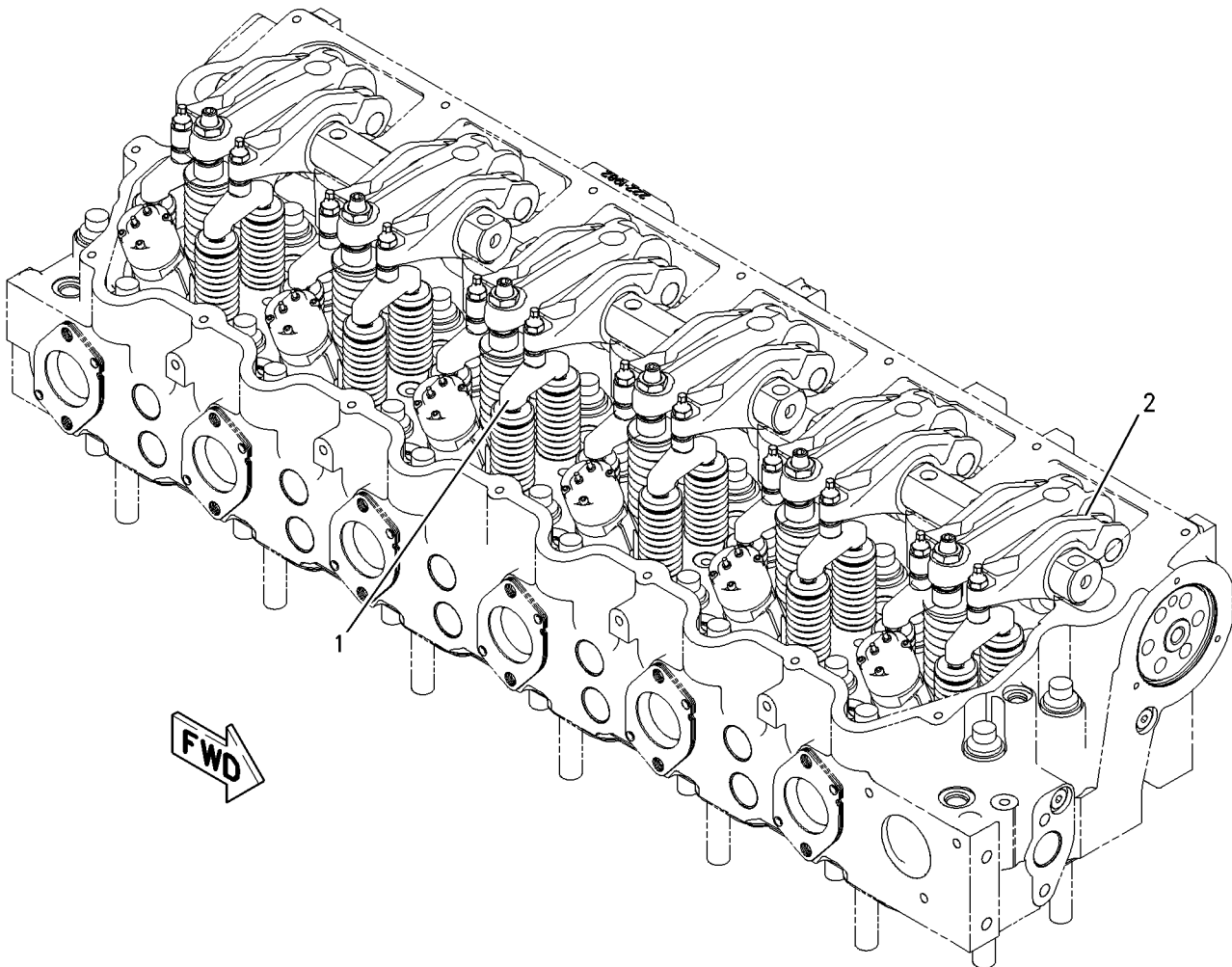
266-3699 MECHANISM GP-FUEL PUMP & VALVE

S/N: RHX1-UP
PART OF 241-5934 ENGINE AR-CORE
AN ATTACHMENT
TYPE 3

SMCS-1102, 1123

i03026784

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-1458	12	BRIDGE-VALVE						
CY	2	1	278-1938	3	ROCKER ARM GP						125
C-CHANGE FROM PREVIOUS TYPE Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g01002983

BASIC ENGINE

280-2167 MECHANISM GP-FUEL PUMP & VALVE

S/N: RHX1783-UP

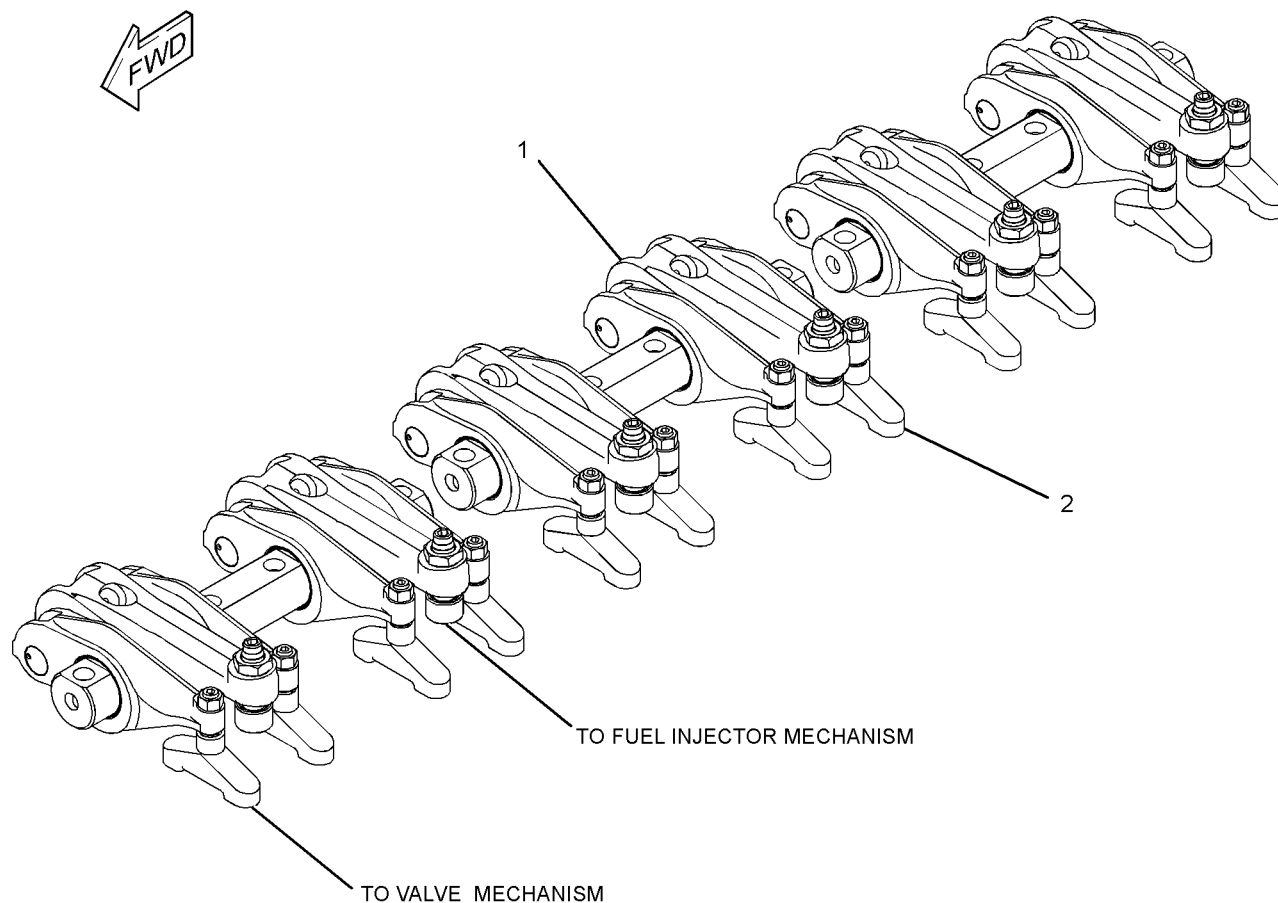
PART OF 280-2166 ENGINE AR-CORE
AN ATTACHMENT

SMCS-1102, 1123

i02430976

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	278-1929	3	ROCKER ARM GP	124
	2	1	6I-1458	12	BRIDGE-VALVE	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01222680

BASIC ENGINE

188-1754 MOUNTING GP-ALTERNATOR & COMPR

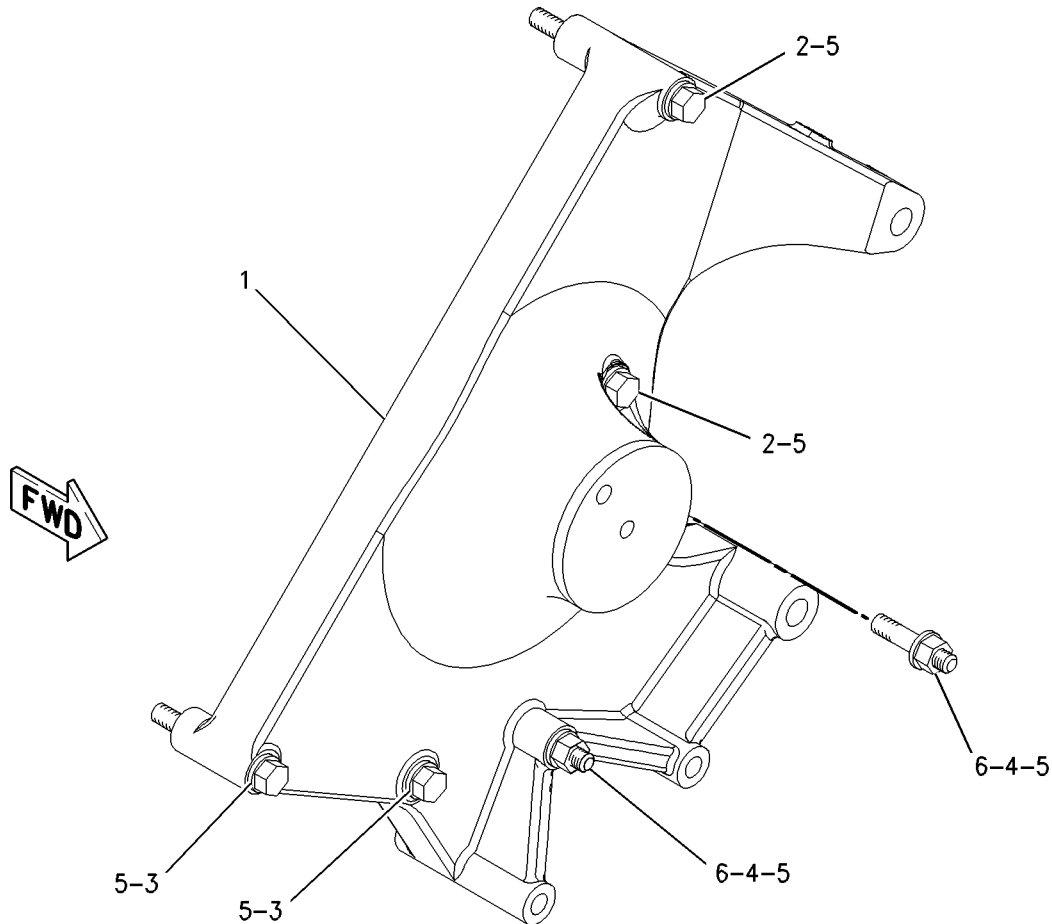
S/N: RHX1-UP

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMPLETE
AN ATTACHMENT

SMCS-1405, 1802

i01444958

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	188-1755	1	SUPPORT						
	2	1	0S-1608	2	BOLT (3/8-16X3.75-IN)						
	3	1	0T-0573	2	BOLT (3/8-16X2.75-IN)						
	4	1	2P-1974	2	STUD-TAPERLOCK (3/8-16X4.2-IN)						
	5	1	5M-2894	6	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	6	1	9S-8752	2	NUT-FULL (3/8-16-THD)						



GRAPHIC #1

<END>

g00759989

BASIC ENGINE

175-3860 PAN GP-OIL-ENGINE

S/N: RHX1-3110

PART OF 225-6065, 225-6106 ENGINE AR-COMPLETE
AN ATTACHMENT

SMCS-1302

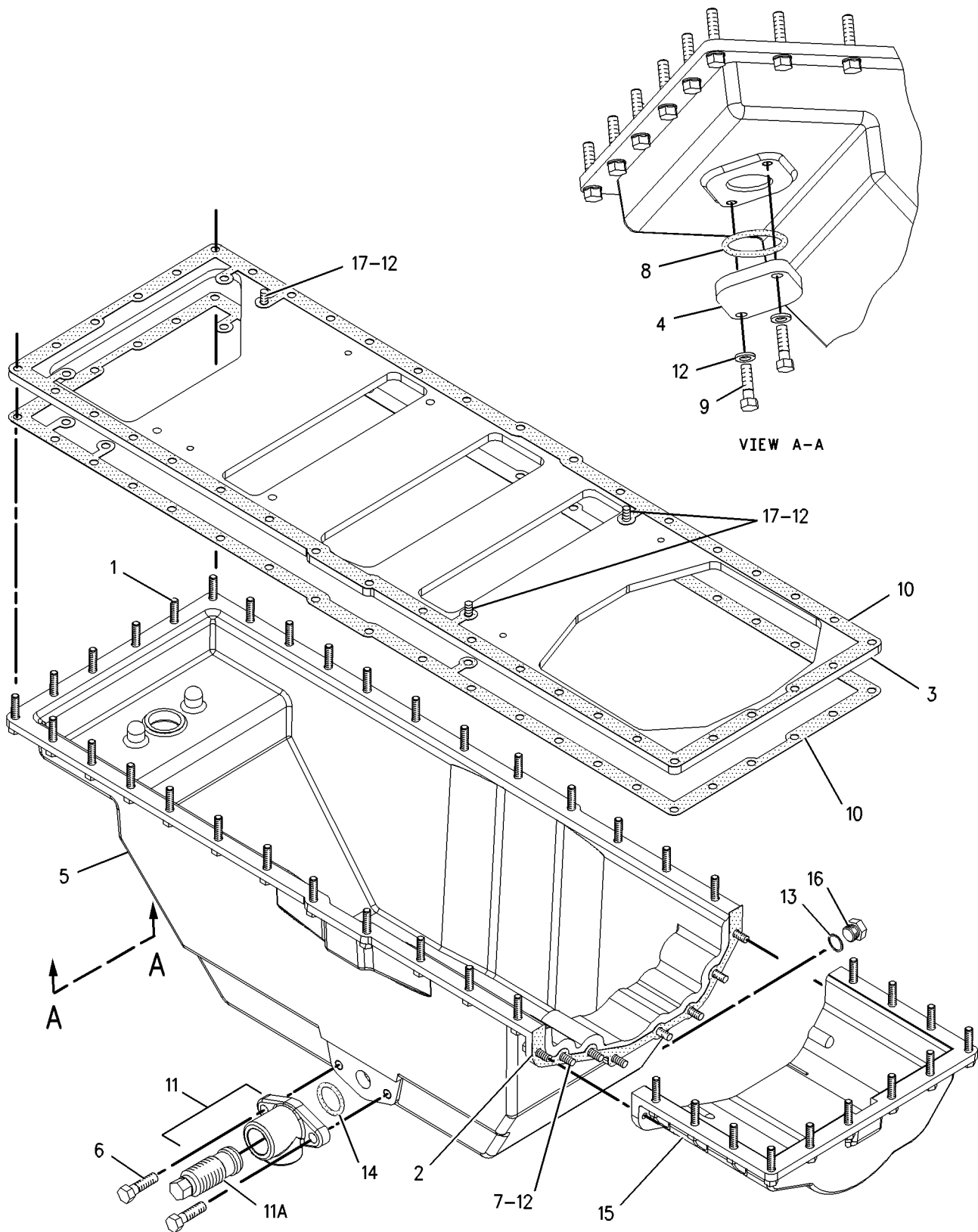
i02939139

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2P-3205	40	BOLT-WASHER HEAD (3/8-16X1.75-IN)						
	2	1	7E-4342	1	GASKET						
	3	1	9N-3167	1	PLATE						
	4	1	175-3868	1	COVER						
	5	1	179-3211	1	PAN-OIL						
	6	1	0S-1587	2	BOLT (1/2-13X1.75-IN)						
	7	1	0S-1588	8	BOLT (3/8-16X1.25-IN)						
	8	1	109-0076	1	SEAL-O-RING						
	9	1	3B-1915	2	BOLT (3/8-16X1.375-IN)						
	10	1	4N-1151	2	GASKET						
	11	1	4P-0519	1	ADAPTER AS-DRAIN						
	11A	1	109-5839	1	PLUG-DRAIN (ENGINE OIL PAN)						
	12	1	5M-2894	13	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	13	1	5P-7701	1	SEAL-O-RING						
	14	1	6V-3830	1	SEAL-O-RING						
	15	1	7E-4341	1	PAN-OIL						
	16	1	9S-9334	1	PLUG-O-RING						
	17	1	1A-2029	3	BOLT (3/8-16X1.125-IN)						

BASIC ENGINE

175-3860 PAN GP-OIL (contd.)

i02939139



GRAPHIC #1

<END>

g00735585

BASIC ENGINE

175-3860 PAN GP-OIL-ENGINE

S/N: RHX1-UP

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMPLETE
AN ATTACHMENT

SMCS-1302

i03754054

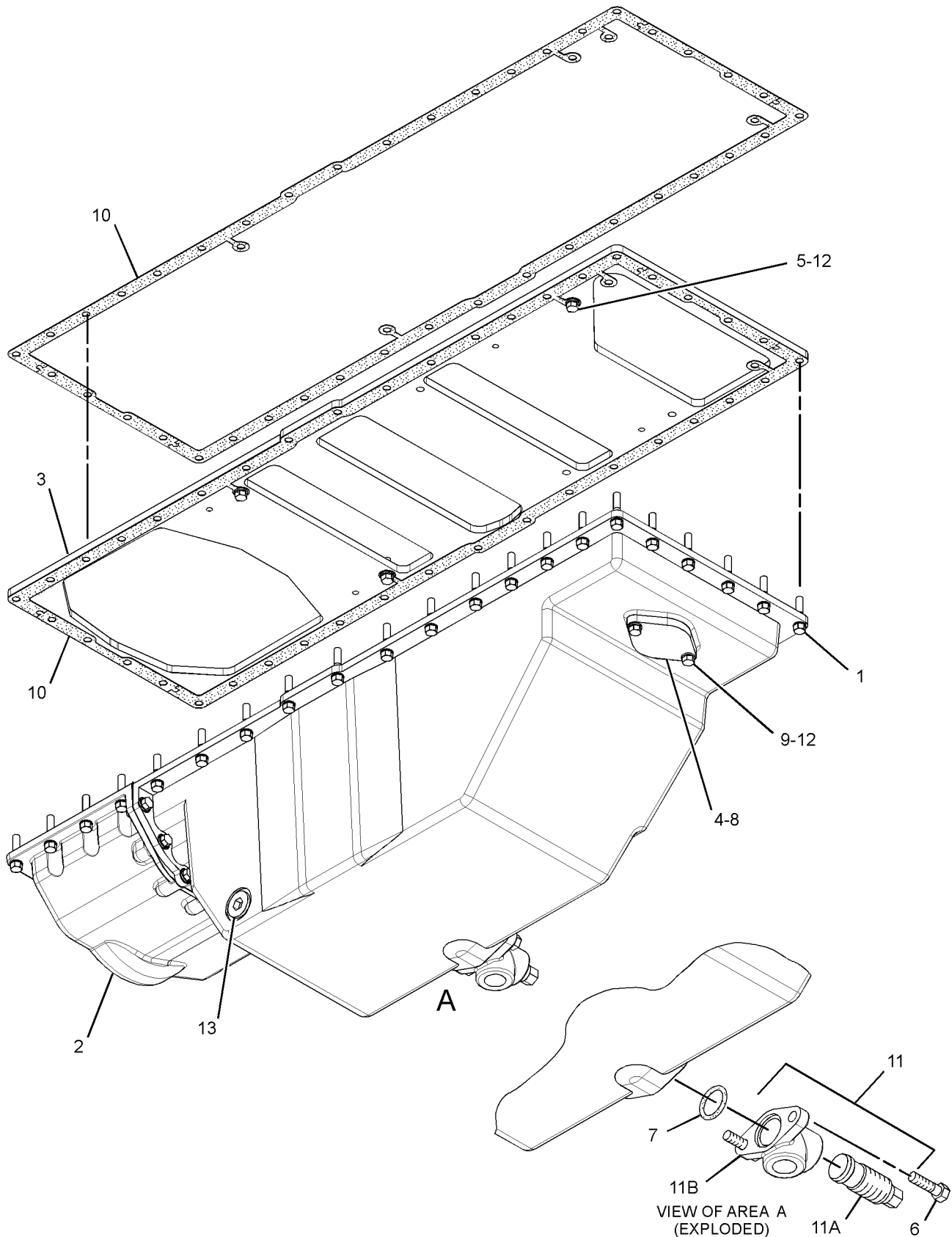
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	2P-3205	40	BOLT-WASHER HEAD (3/8-16X1.75-IN)	
Y	2	1	335-1893	1	PAN GP-OIL	111
	3	1	9N-3167	1	PLATE	
	4	1	175-3868	1	COVER	
	5	1	1A-2029	3	BOLT (3/8-16X1.125-IN)	
	6	1	0S-1587	2	BOLT (1/2-13X1.75-IN)	
	7	1	6V-3830	1	SEAL-O-RING	
	8	1	109-0076	1	SEAL-O-RING	
	9	1	3B-1915	2	BOLT (3/8-16X1.375-IN)	
C	10	1	188-0210	2	GASKET	
	11	1	4P-0519	1	ADAPTER AS-DRAIN	
	11A	1	109-5839	1	PLUG-DRAIN (ENGINE OIL PAN)	
	11B	1	109-5840	1	ADAPTER-PLUG	
	12	1	5M-2894	5	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	13	1	319-6234	1	PLUG AS	
		1	238-5084	1	SEAL-O-RING	
		1	9S-9334	1	PLUG-O-RING	

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION

BASIC ENGINE

175-3860 PAN GP-OIL (contd.)

i03754054



GRAPHIC #1

<END>

g02024974

BASIC ENGINE

335-1893 PAN GP-OIL-ENGINE

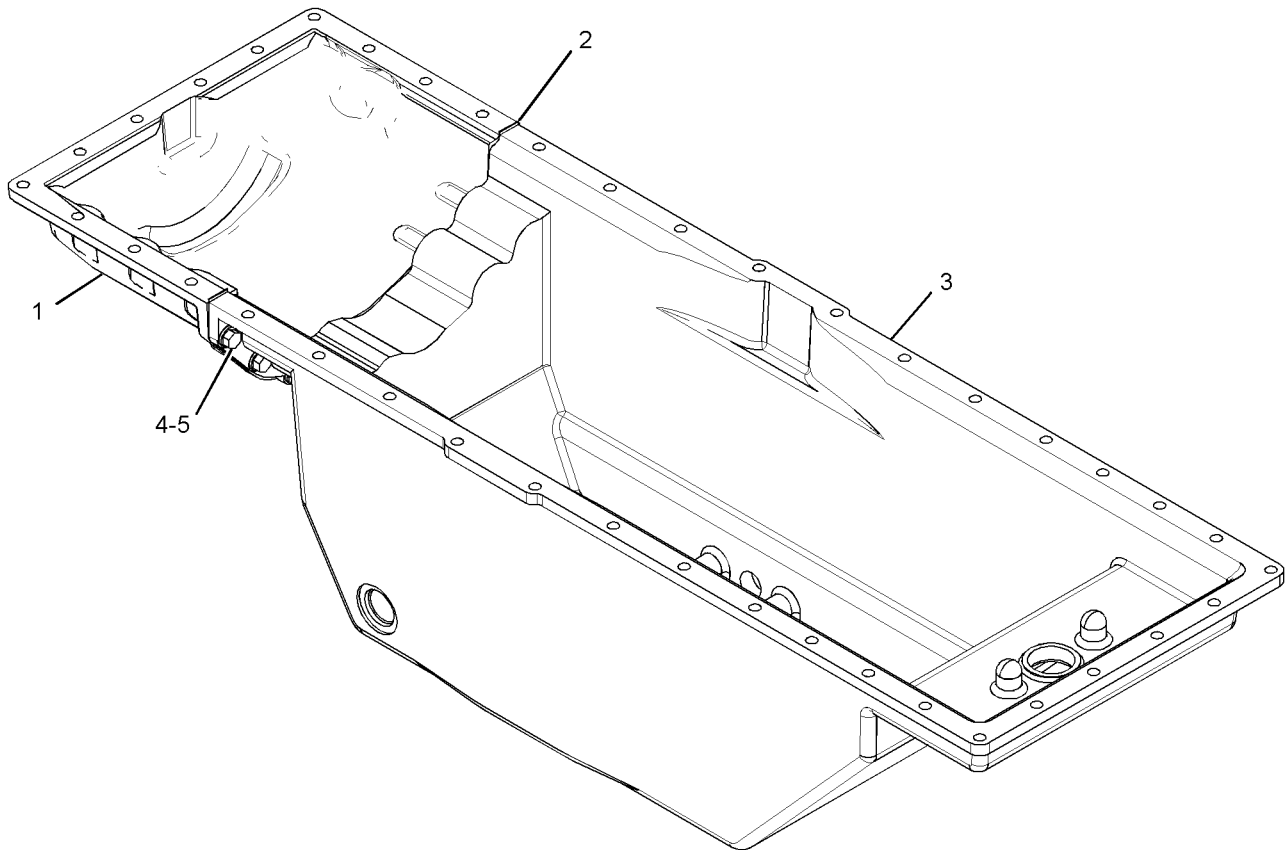
S/N: RHX3111-UP

PART OF 175-3860 PAN GP-OIL
AN ATTACHMENT

SMCS-1302

i03442680

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7E-4341	1	PAN-OIL						
	2	1	7E-4342	1	GASKET						
	3	1	179-3211	1	PAN-OIL (ENGINE)						
	4	1	0S-1588	8	BOLT (3/8-16X1.25-IN)						
	5	1	5M-2894	8	WASHER-HARD (10.2X18.5X2.5-MM THK)						



GRAPHIC #1

<END>

g01817722

BASIC ENGINE

174-3874 PANEL GP-SOUND SUPPRESSION

S/N: RHX1-UP

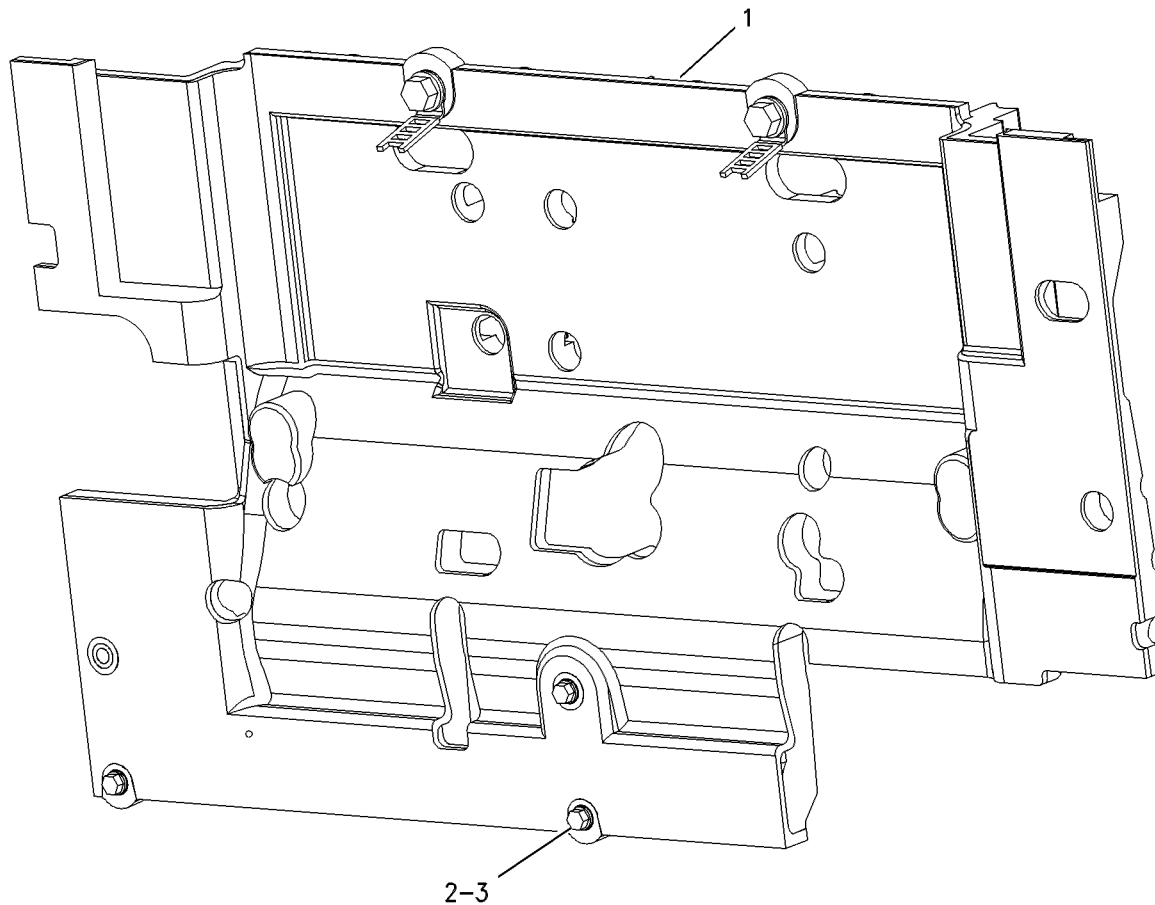
LEFT HAND MOUNTED SOUND PANEL

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMplete
FOR USE WITH BRAKESAVER OR NON-BRAKESAVER ENGINES, ALL APPLICATIONS
AN ATTACHMENT

SMCS-1801

i02716705

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	173-1957	1	PANEL AS						
	2	1	0S-1588	3	BOLT (3/8-16X1.25-IN)						
	3	1	9X-6458	3	WASHER-HARD (10.2X22.5X3-MM THK)						



GRAPHIC #1

<END>

g00618571

BASIC ENGINE

185-1933 PANEL GP-SOUND SUPPRESSION

S/N: BXY1-UP

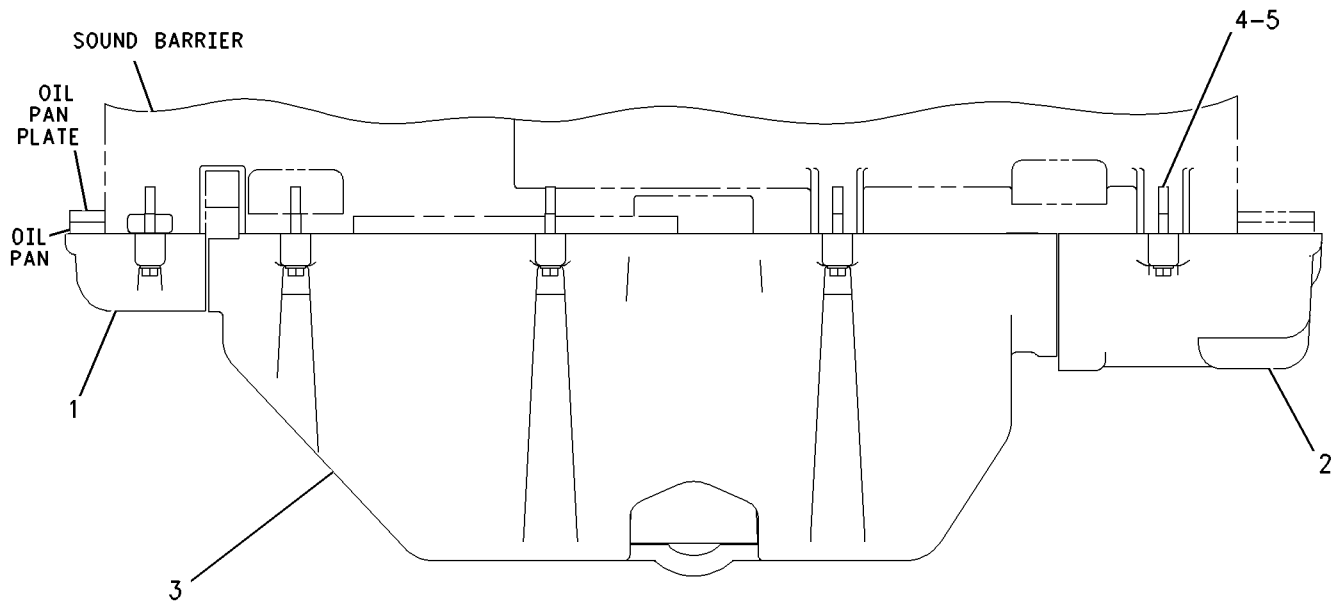
ENGINE OIL PAN

PART OF 225-8338 SUPPRESSION AR-SOUND
AN ATTACHMENT

SMCS-1801

i01493142

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	162-8617	1	PANEL AS						
	2	1	162-8619	1	PANEL AS						
					(EACH PANEL AS INCLUDES)						
		1	9N-6108	2	SPRING						
	3	1	185-2192	1	PANEL AS						
		1	9N-6108	6	SPRING						
	4	1	OS-1619	10	BOLT (3/8-16X3-IN)						
	5	1	5M-2894	10	WASHER-HARD (10.2X18.5X2.5-MM THK)						



RIGHT SIDE OF ENGINE

GRAPHIC #1

<END>

g00688166

BASIC ENGINE

227-9980 PANEL GP-SOUND SUPPRESSION- ENGINE FRONT HOUSING

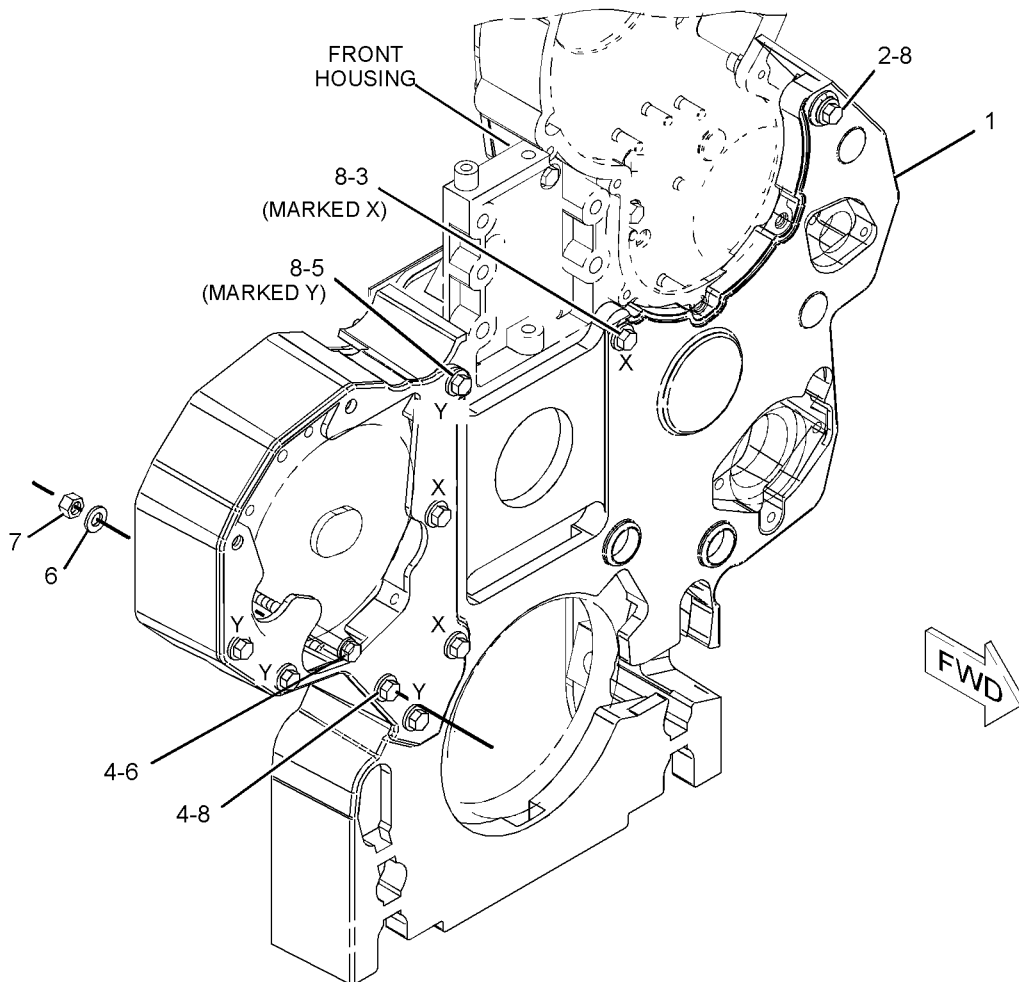
S/N: RHX1-UP

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMplete
CANNOT BE USED WITH ALTERNATOR MOUNTING GROUPS AND ACCESSORY DRIVE GROUPS
AN ATTACHMENT

SMCS-1801

i03202335

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	324-6804	1	COVER AS (SOUND SUPPRESSION)						
	2	1	0S-1588	1	BOLT (3/8-16X1.25-IN)						
	3	1	0S-1594	3	BOLT (3/8-16X1-IN) (MARKED X)						
	4	1	0T-0055	2	BOLT (3/8-16X4.25-IN)						
	5	1	1A-5964	4	BOLT (3/8-16X4.5-IN) (MARKED Y)						
	6	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	7	1	9S-8752	1	NUT-FULL (3/8-16-THD)						
	8	1	9X-6458	9	WASHER-HARD (10.2X22.5X3-MM THK)						



GRAPHIC #1

<END>

g01436233

BASIC ENGINE

220-1441 PISTON & ROD GP

S/N: RHX1-UP

18:1 COMPRESSION RATIO

PART OF 241-5933, 241-5934, 280-2166, 317-2767 ENGINE AR-CORE
AN ATTACHMENT

SMCS-1225

i03595722

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	151-5925	1	BOLT (7/16-14-THD)						
	2	1	180-7350	1	PIN-PISTON						
	3	1	238-2707	1	RING-PISTON (INTERMEDIATE)						
	4	1	246-5659	1	RING-PISTON (OIL CONTROL)						
	5	1	274-8359	1	TUBE AS						
R	6	1	329-4511	1	BODY AS-PISTON						
	7	1	223-9159	1	RING-PISTON-TOP						
R	8	1	224-3245	1	ROD AS						
	8A	1	219-4458	2	PIN-DOWEL						
	8B	1	213-3217	4	BOLT (M11X1.25X84-MM)						
	8C	1	229-6259	1	BEARING						
	9	1	224-3246	1	BEARING-CONNECTING ROD (STANDARD)						
AB		1	232-3235		BEARING-CONNECTING ROD (0.64-MM US)						
AB		1	232-3236		BEARING-CONNECTING ROD (1.27-MM US)						
	10	1	230-2569	2	RETAINER-PIN						

A-NOT PART OF THIS GROUP

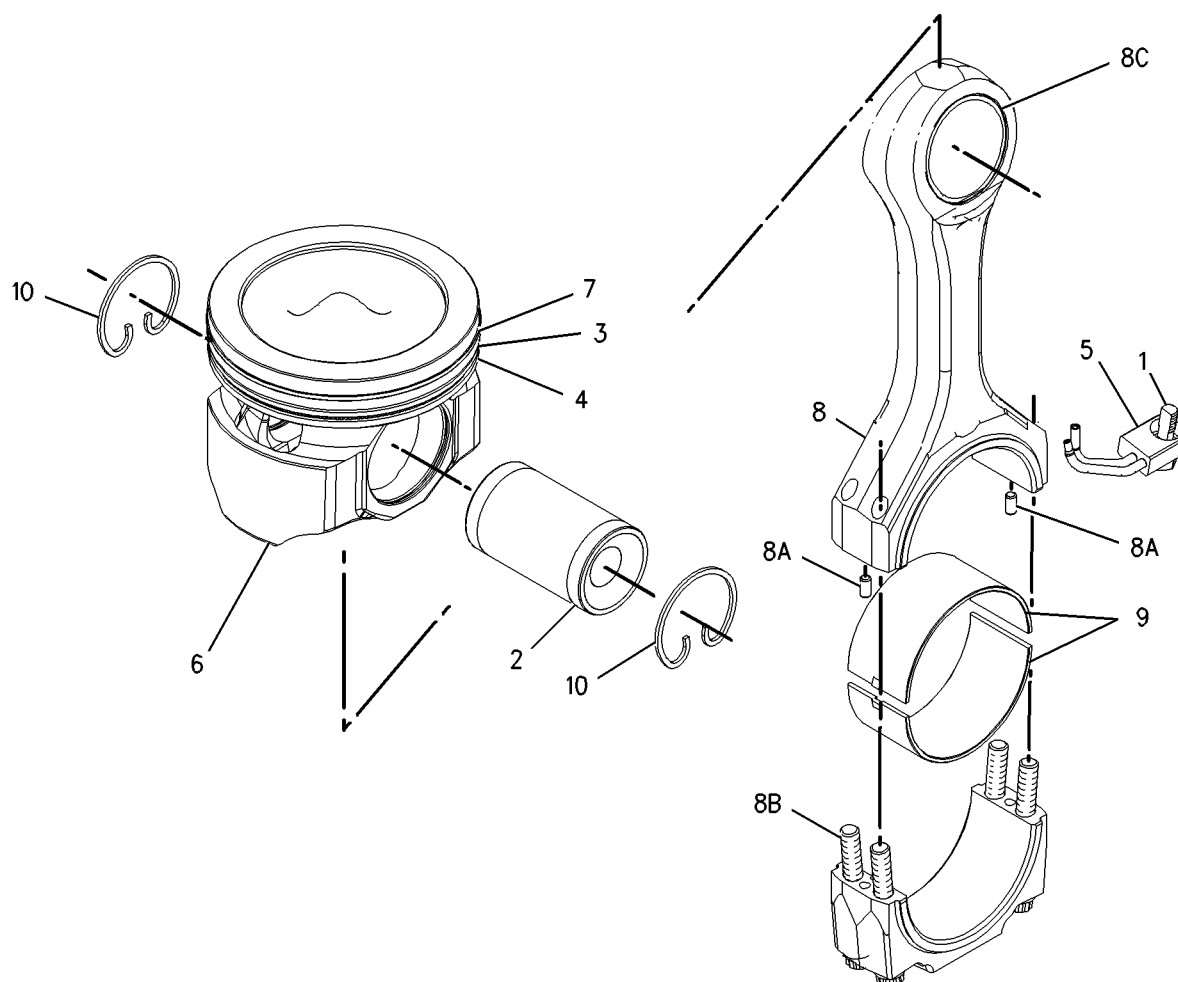
B-USE AS REQUIRED

R-REMFG PART MAY BE AVAILABLE

BASIC ENGINE

220-1441 PISTON & ROD GP (contd.)

i03595722



GRAPHIC #1

<END>

g01002106

BASIC ENGINE

235-8397 PLUG GP-CYLINDER BLOCK

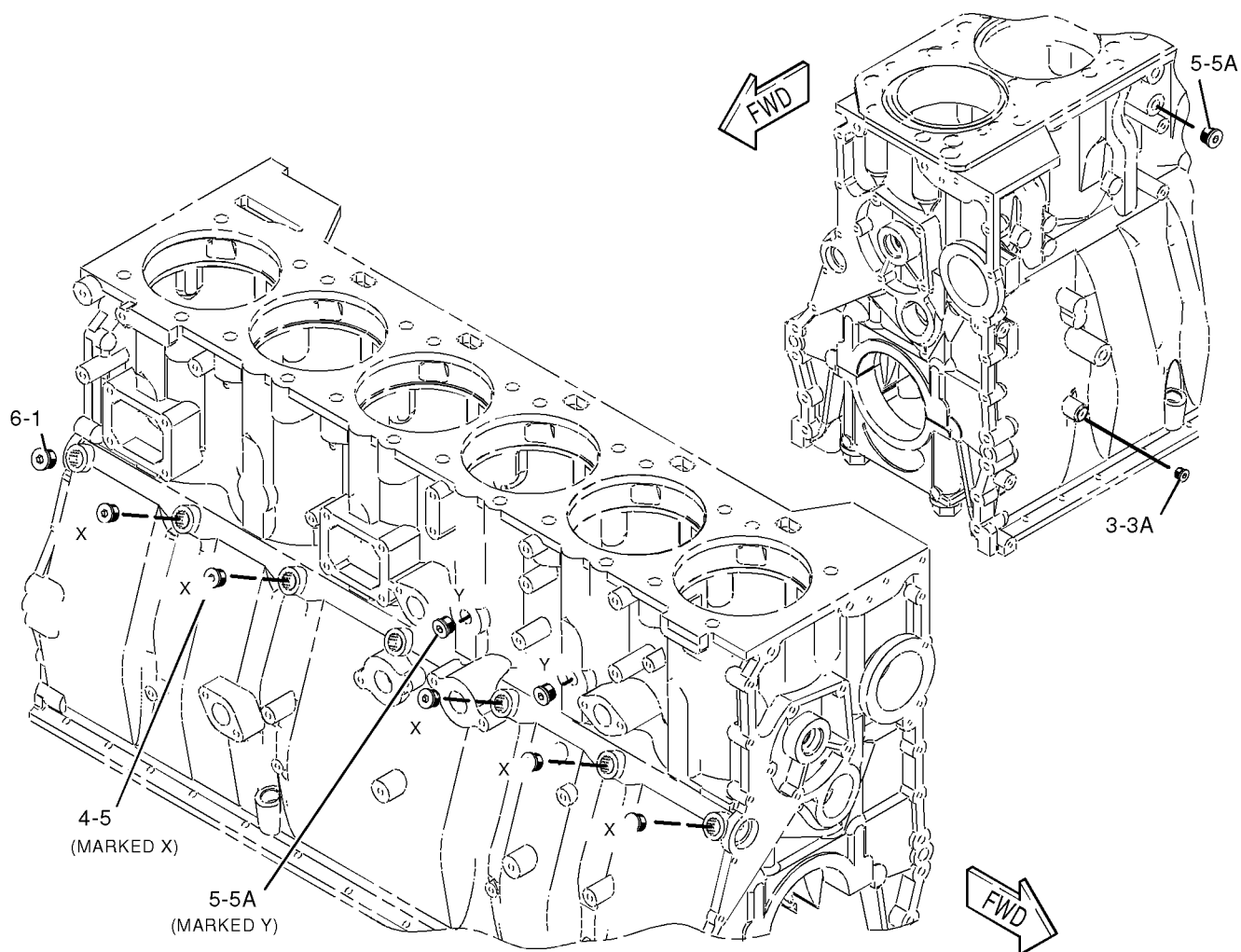
S/N: RHX1-UP

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMPLETE
AN ATTACHMENT

SMCS-1201

i02014496

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	136-7227	1	SEAL-O-RING						
	3	1	9S-8002	1	PLUG-O-RING						
	3A	1	033-5853	1	SEAL-O-RING						
	4	1	8L-2786	5	SEAL-O-RING						
	5	1	9S-8005	8	PLUG-O-RING						
	5A	1	6V-6609	3	SEAL-O-RING						
	6	1	9S-8006	1	PLUG-O-RING						



GRAPHIC #1

<END>

g01045322

BASIC ENGINE

305-9196 PLUG GP-CYLINDER BLOCK

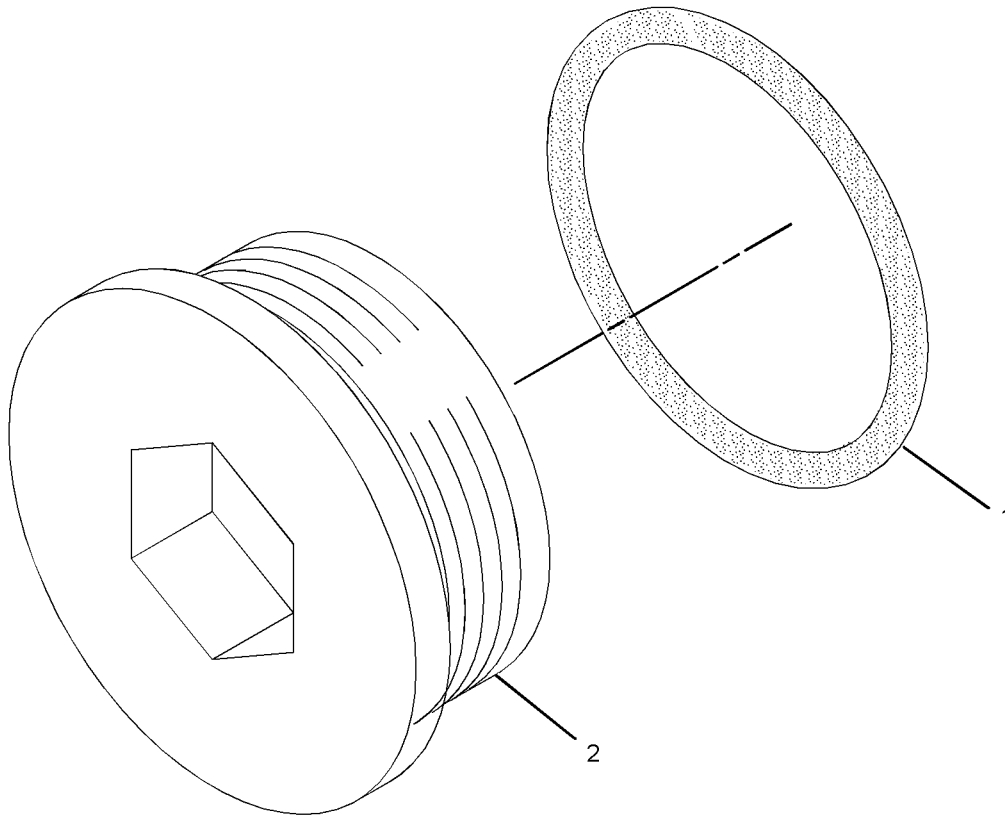
S/N: RHX4918-UP

PART OF 261-0191 CYLINDER BLOCK GP
AN ATTACHMENT

SMCS-1201

i02680401

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6V-5065	1	SEAL-O-RING						
	2	1	9S-8010	1	PLUG						



GRAPHIC #1

<END>

g01347363

BASIC ENGINE

230-5378 PLUG GP-CYLINDER HEAD

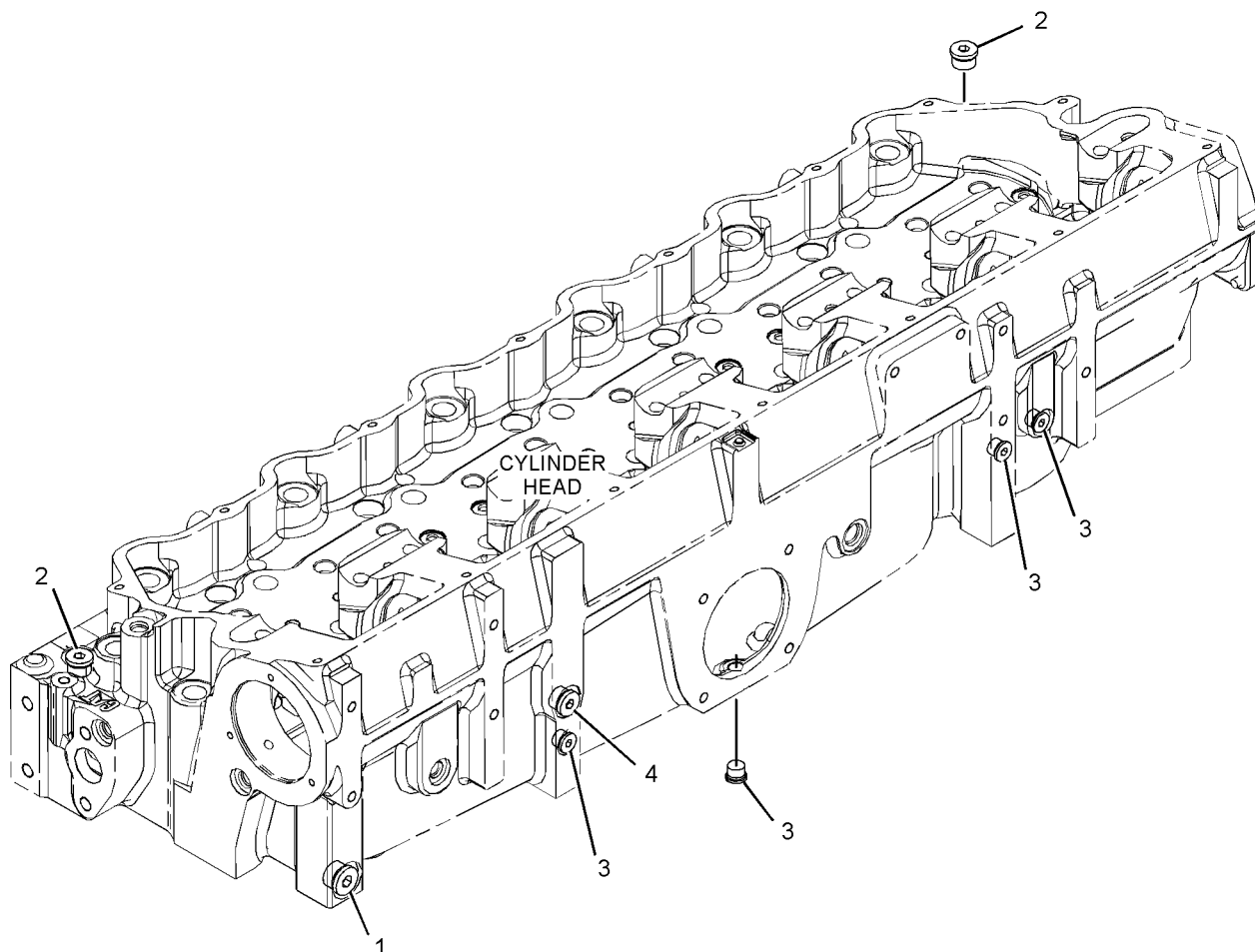
S/N: RHX1-UP

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMplete
AN ATTACHMENT

SMCS-1100

i03796730

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	353-5125	1	PLUG AS						
		1	6V-3251	1	SEAL-O-RING						
		1	9S-8006	1	PLUG-O-RING						
	2	1	353-5126	2	PLUG AS						
					(EACH INCLUDES)						
		1	6V-6609	1	SEAL-O-RING						
		1	9S-8005	1	PLUG-O-RING						
	3	1	183-3407	4	PLUG AS						
					(EACH INCLUDES)						
		1	9S-8004	1	PLUG						
		1	214-7568	1	SEAL-O-RING						
	4	1	307-2673	1	PLUG AS						
		1	9S-8005	1	PLUG-O-RING						
		1	238-5080	1	SEAL-O-RING						



GRAPHIC #1

<END>

g02057569

BASIC ENGINE

170-1757 PULLEY GP-CRANKSHAFT

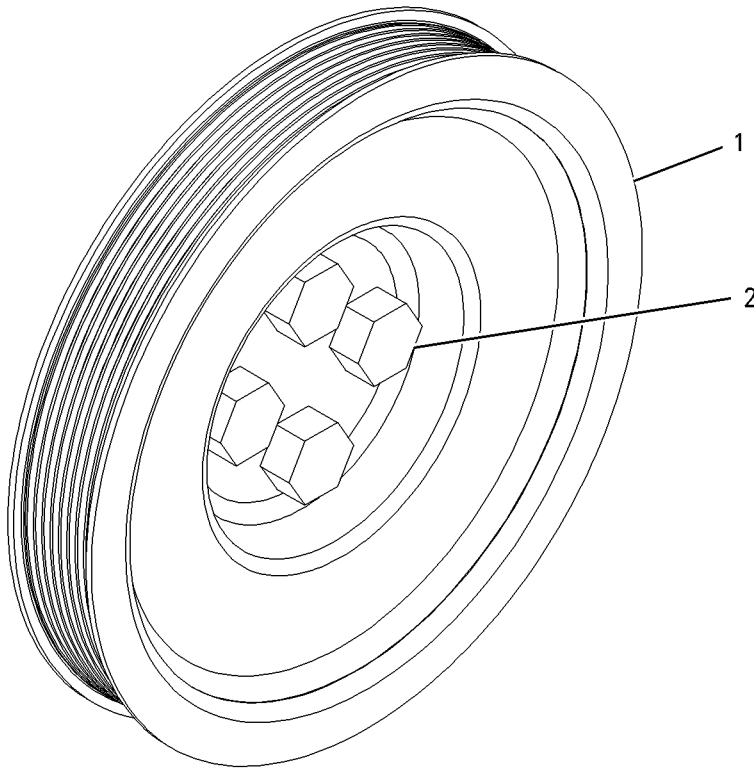
S/N: BXY1-UP

PART OF 226-9643 INSTALLATION AR-ENGINE

SMCS-1205

i01288019

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	172-4848	1	PULLEY (8 GROOVE)						
	2	1	7X-0345	4	BOLT (5/8-11X1.75IN)						



GRAPHIC #1

<END>

g00684206

BASIC ENGINE

198-9898 ROCKER ARM GP

S/N: RHX1-UP

PART OF 148-7482 MECHANISM GP-FUEL PUMP & VALVE
AN ATTACHMENT

SMCS-1123

i03626648

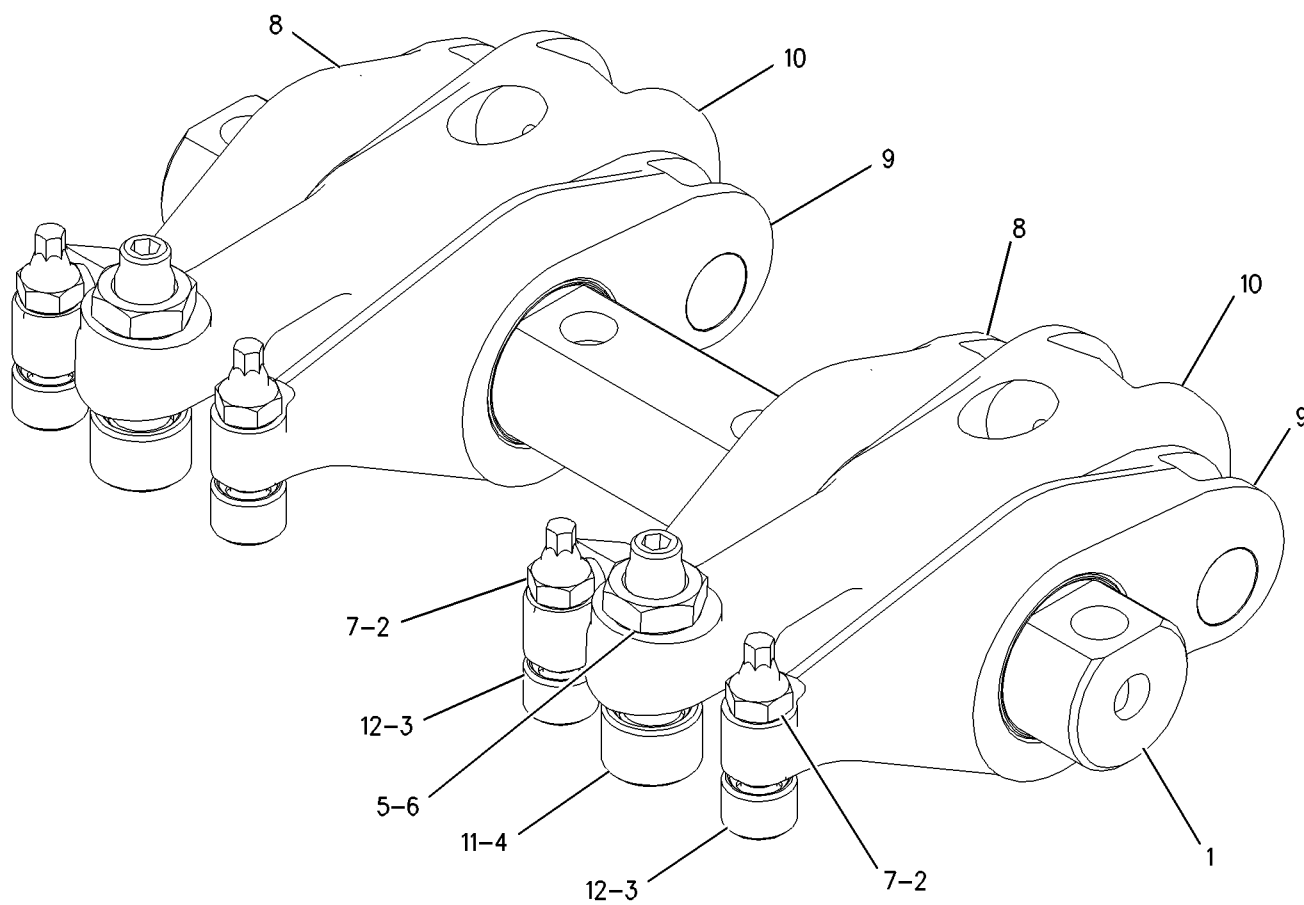
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-0901	1	SHAFT AS-ROCKER ARM						
		1	4B-9782	2	BALL						
	2	1	276-5317	4	NUT (3/8-24-THD)						
	3	1	258-8721	4	BUTTON						
W	4	1	192-4151	2	BUTTON (24-MM OD)						
					-OR-						
J		1	4P-7371	2	INSERT (14.75-MM OD)						
W	5	1	196-5069	2	SCREW-ARM ADJUSTMENT (9/16-18X2-IN)						
					-OR-						
J		1	4P-4278	2	SCREW-UNIT INJ ADJUSTMENT						
W	6	1	196-5070	2	NUT-JAM (9/16-18-THD)						
					-OR-						
J		1	4P-4279	2	NUT-JAM (7/8-18-THD)						
	7	1	232-0253	4	SCREW-ARM ADJUSTMENT (3/8-24X1.20-IN)						
R	8	1	203-8822	2	ROCKER ARM AS (EXHAUST VALVE ROCKER)						
R	9	1	203-8824	2	ROCKER ARM AS (INLET VALVE ROCKER)						
WR	10	1	207-5248	2	ROCKER ARM AS (UNIT INJECTOR ROCKER)						
W	11	1	061-8639	2	SEAL-O-RING						
					-OR-						
J		1	032-9313	2	SEAL-O-RING						
	12	1	8L-2777	4	SEAL-O-RING						

J-PARTS MARKED J MUST BE USED TOGETHER ON OLDER ROCKER ARM ASSEMBLIES
R-REMFG PART MAY BE AVAILABLE
W-PARTS MARKED W MUST BE USED TOGETHER ON NEWER ROCKER ARM ASSEMBLIES

BASIC ENGINE

198-9898 ROCKER ARM GP (contd.)

i03626648



GRAPHIC #1

<END>

g00905507

BASIC ENGINE

262-7100 ROCKER ARM GP

S/N: RHX1-UP

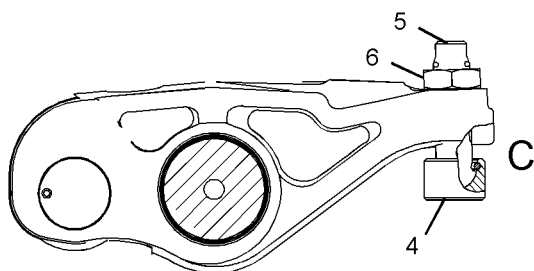
PART OF 266-3699 MECHANISM GP-FUEL PUMP & VALVE
AN ATTACHMENT

SMCS-1123

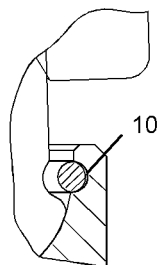
i02475503

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	6I-0901	1	SHAFT AS-ROCKER ARM	
		1	4B-9782	2	BALL	
2		1	276-5317	4	NUT (3/8-24-THD)	
3		1	258-8721	1	BUTTON	
4		1	192-4151	2	BUTTON	
5		1	196-5069	2	SCREW-ARM ADJUSTMENT (9/16-18X2-IN)	
6		1	196-5070	2	NUT-JAM (9/16-18-THD)	
7		1	232-0253	4	SCREW-ARM ADJUSTMENT (3/8-24X1.20-IN)	
8		1	262-6880	2	ROCKER ARM AS	
9		1	269-4136	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	

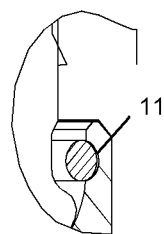
R-REMFG PART MAY BE AVAILABLE



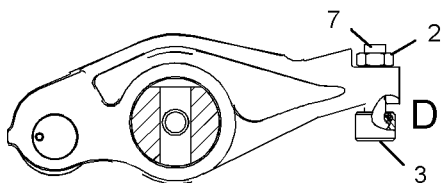
VIEW B-B



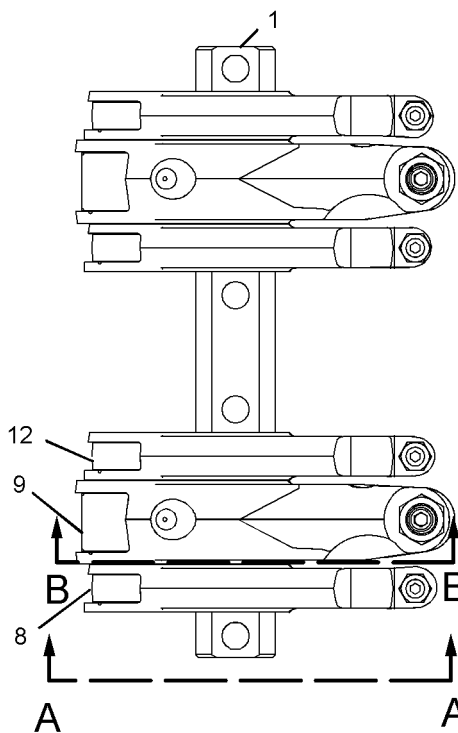
VIEW OF AREA C



VIEW OF AREA D



VIEW A-A



GRAPHIC #1

<END>

g01128920

BASIC ENGINE

278-1929 ROCKER ARM GP

S/N: RHX1783-UP

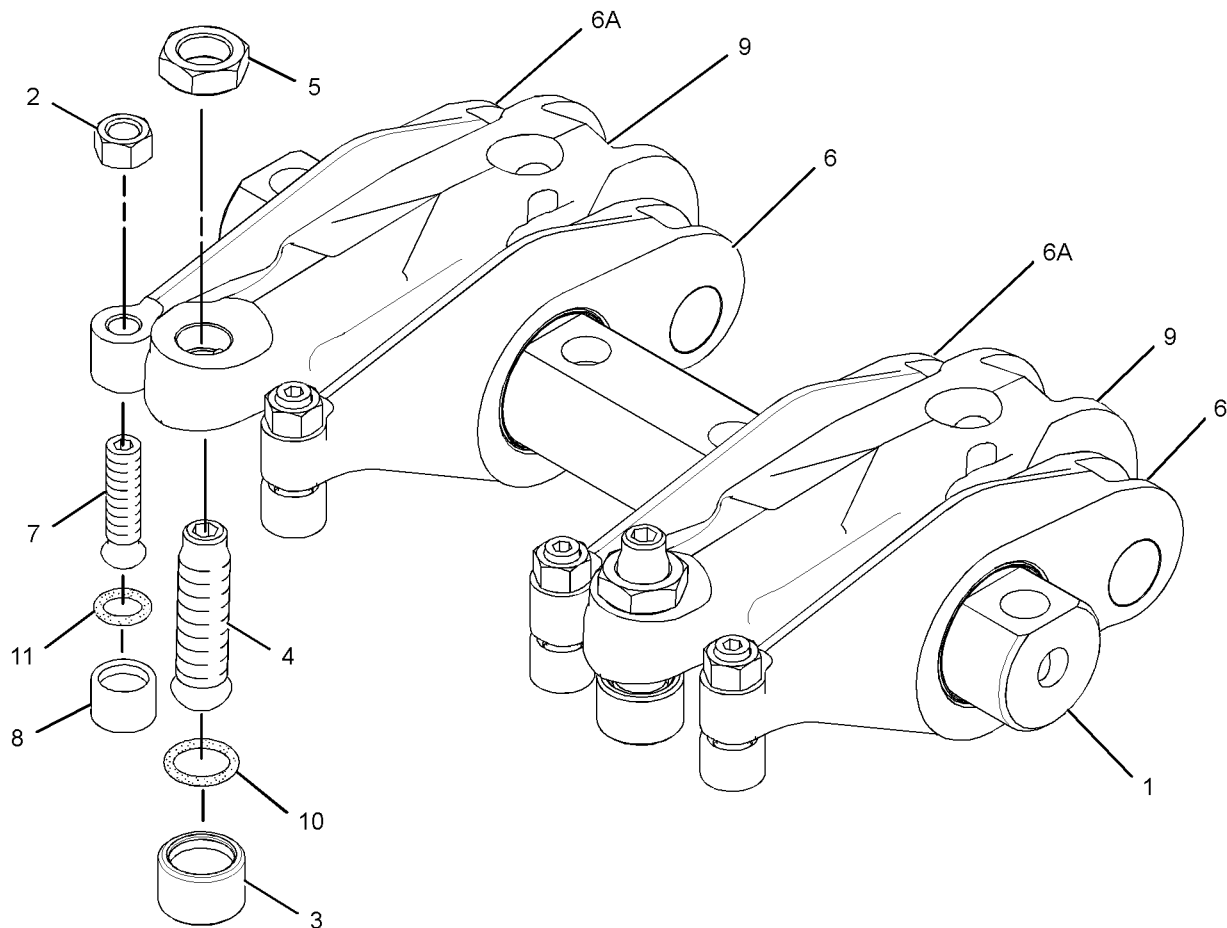
PART OF 190-0009, 280-2167 MECHANISM GP-FUEL PUMP & VALVE
AN ATTACHMENT

SMCS-1123

i03626649

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	307-8322	1	SHAFT AS-ROCKER ARM						
		1	4B-9782	2	BALL						
	2	1	276-5317	4	NUT (3/8-24-THD)						
	3	1	192-4151	2	BUTTON (24-MM OD)						
	4	1	196-5069	2	SCREW-ARM ADJUSTMENT (9/16-18X2-IN)						
	5	1	196-5070	2	NUT-JAM (9/16-18-THD)						
R	6	1	203-8824	2	ROCKER ARM AS (INLET VALVE ROCKER)						
R	6A	1	203-8824	2	ROCKER ARM AS (EXHAUST VALVE ROCKER)						
	7	1	274-4491	4	SCREW-ARM ADJUSTMENT (3/8-24X1.20-IN)						
	8	1	258-8721	4	BUTTON						
R	9	1	278-1365	2	ROCKER ARM AS (UNIT INJECTOR ROCKER)						
	10	1	061-8639	2	SEAL-O-RING						
	11	1	8L-2777	4	SEAL-O-RING						

R-REMFG PART MAY BE AVAILABLE



GRAPHIC #1

<END>

g01915276

BASIC ENGINE

278-1938 ROCKER ARM GP

S/N: RHX1-UP

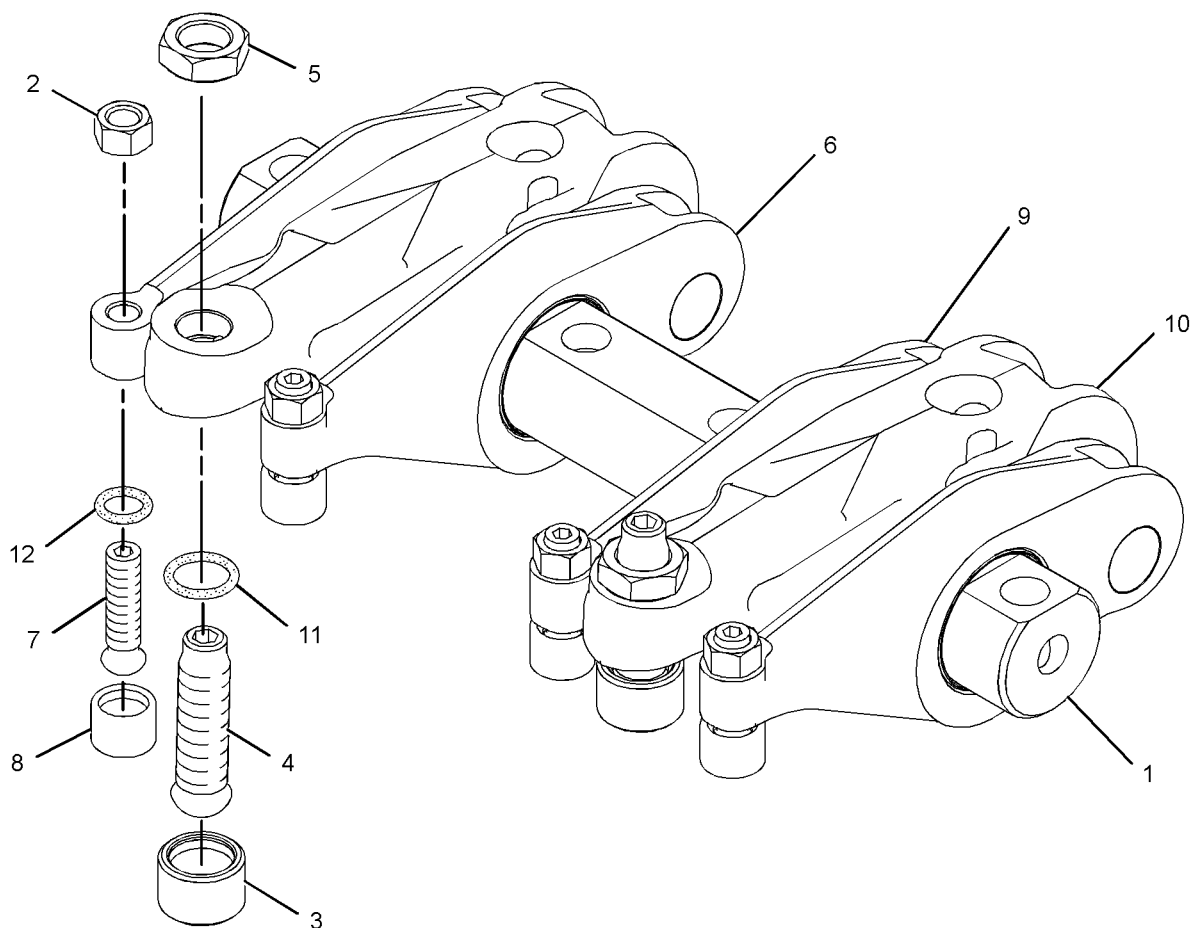
PART OF 266-3699 MECHANISM GP-FUEL PUMP & VALVE
AN ATTACHMENT

SMCS-1123

i03753002

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-0901	1	SHAFT AS-ROCKER ARM						
		1	4B-9782	2	BALL						
	2	1	276-5317	4	NUT (3/8-24-THD)						
	3	1	192-4151	2	BUTTON						
	4	1	196-5069	2	SCREW-ARM ADJUSTMENT (9/16-18X2-IN)						
	5	1	196-5070	2	NUT-JAM (9/16-18-THD)						
R	6	1	203-8824	2	ROCKER ARM AS (INLET)						
	7	1	274-4491	4	SCREW-ARM ADJUSTMENT (3/8-24X1.20-IN)						
	8	1	258-8721	4	BUTTON						
R	9	1	276-4132	2	ROCKER ARM AS (VALVE)						
R	10	1	278-1363	2	ROCKER ARM AS (UNIT INJECTOR)						
	11	1	061-8639	2	SEAL-O-RING						
	12	1	8L-2777	4	SEAL-O-RING						

R-REMFG PART MAY BE AVAILABLE



GRAPHIC #1

<END>

g01306645

BASIC ENGINE

301-5352 ROCKER ARM GP-UNIT INJECTOR

S/N: RHX1-UP

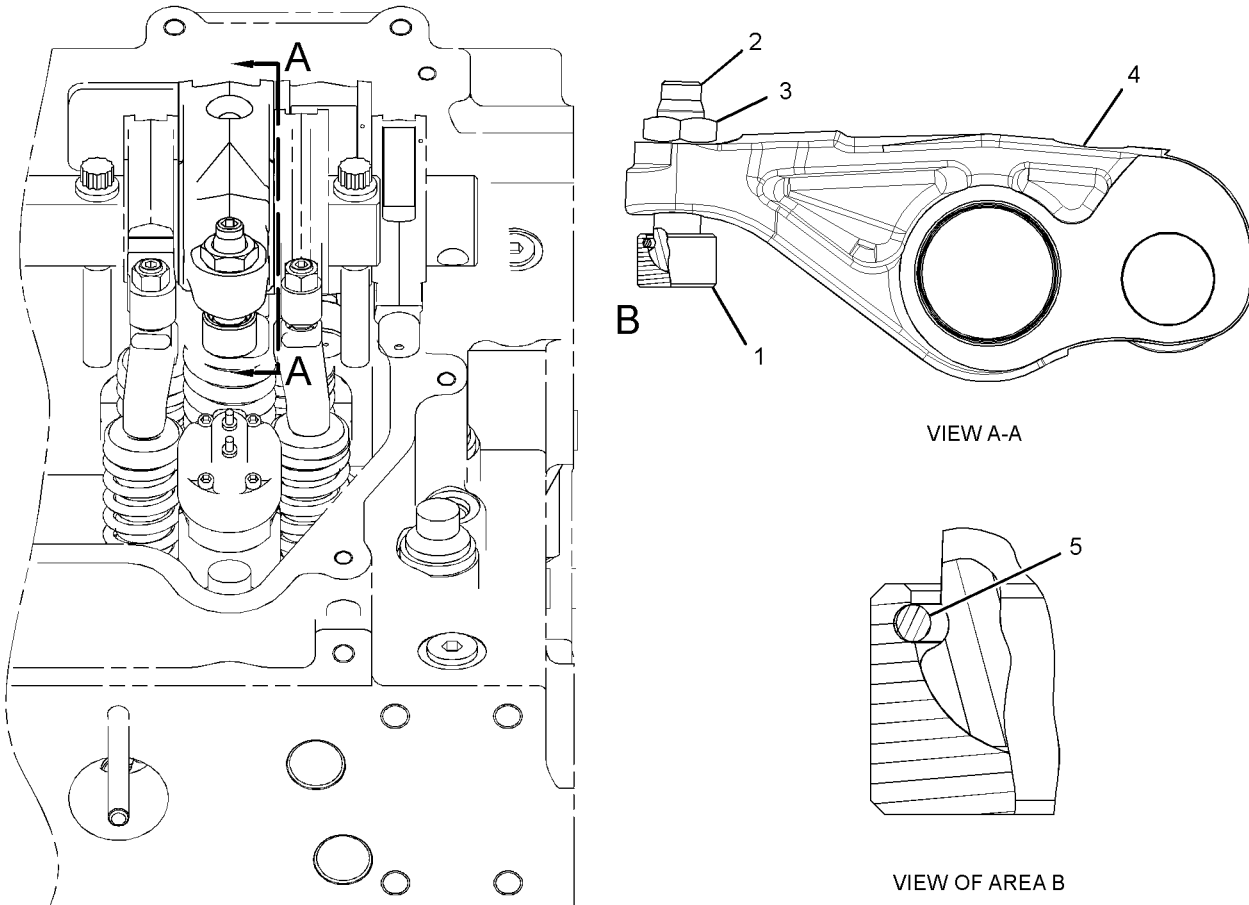
PART OF 328-4242 ROCKER ARM GP
AN ATTACHMENT

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



GRAPHIC #1

<END>

g01340074

BASIC ENGINE

320-2794 ROCKER ARM GP-EXHAUST

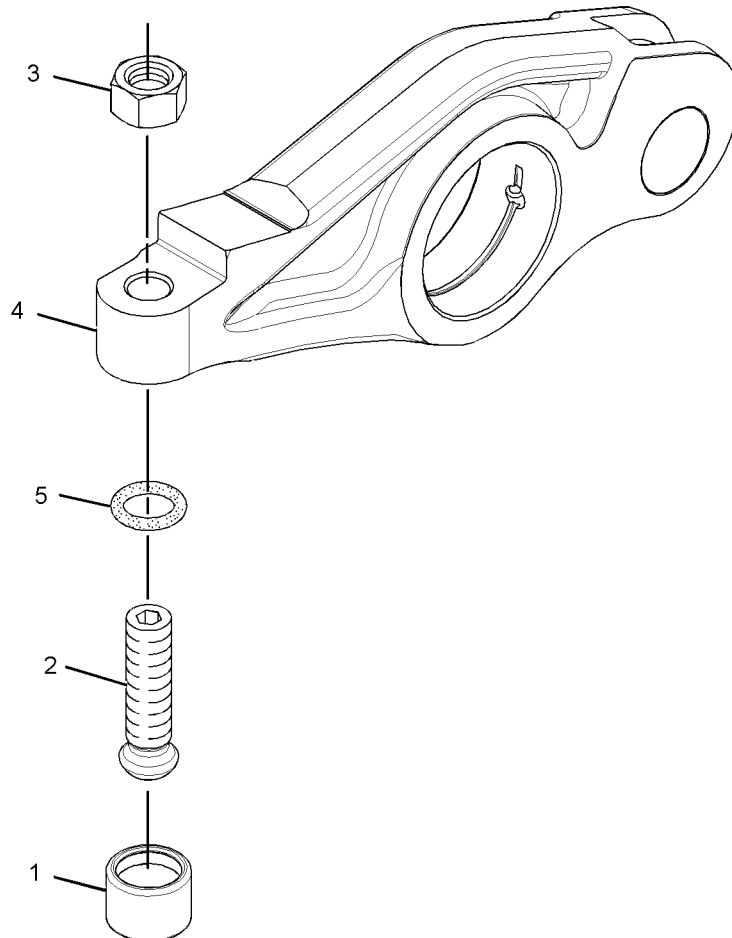
S/N: RHX1-UP

PART OF 328-4242 ROCKER ARM GP
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-INTAKE

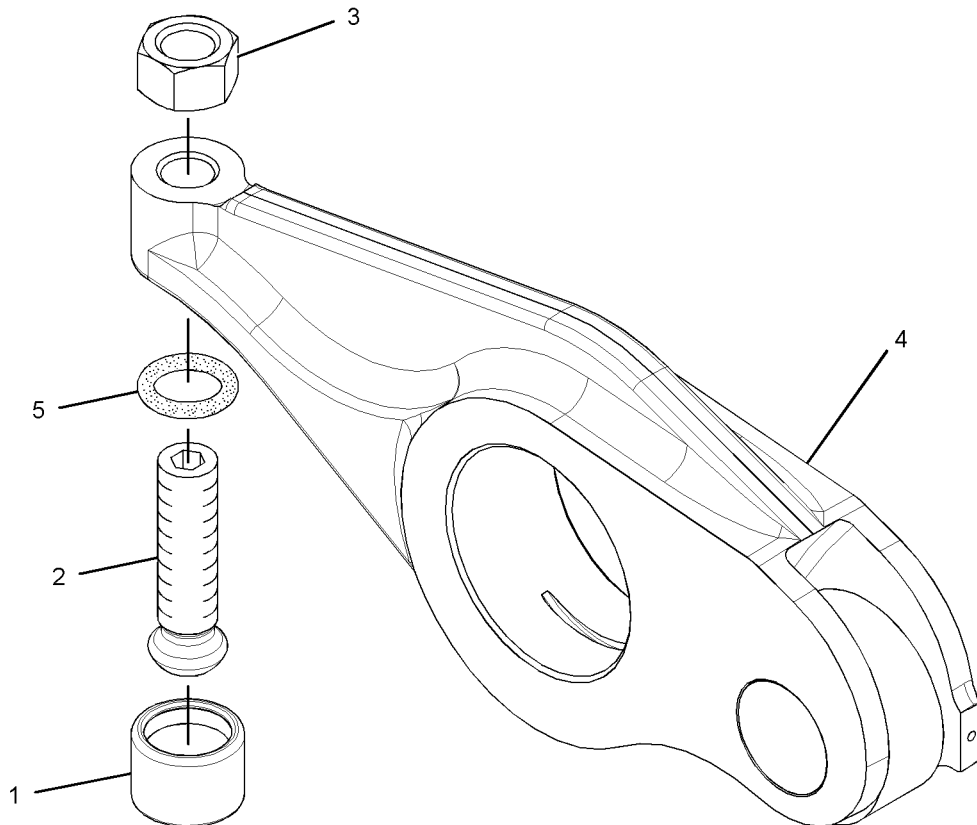
S/N: RHX1-UP

PART OF 328-4236, 328-4242 ROCKER ARM GP
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

328-4236 ROCKER ARM GP—NON-BRAKE

S/N: RHX2220-UP

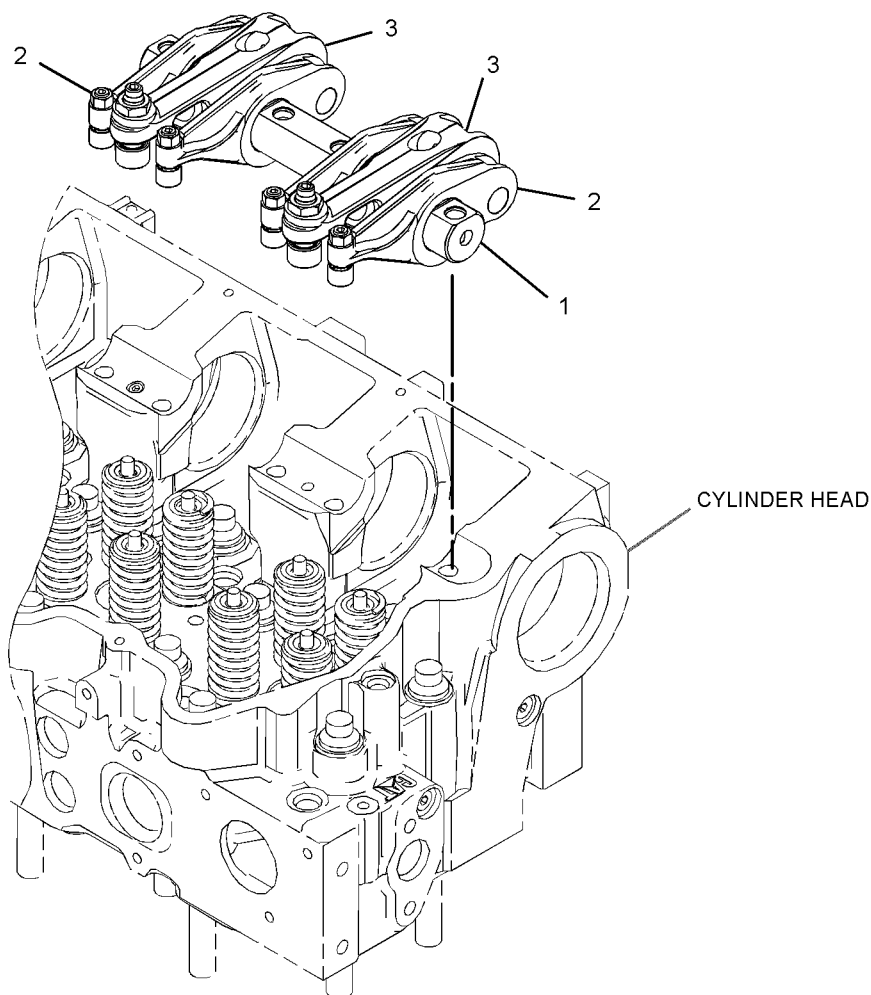
PART OF 190-0009 MECHANISM GP-FUEL PUMP & VALVE
AN ATTACHMENT

SMCS-1123

i03640690

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	307-8322	1	SHAFT AS-ROCKER ARM	
		1	4B-9782	2	BALL	
YR	2	1	320-2796	4	ROCKER ARM GP (INTAKE)	128
YR	3	1	328-4238	2	ROCKER ARM GP (UNIT INJECTOR)	130

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01705875

BASIC ENGINE

328-4238 ROCKER ARM GP-EXHAUST*R

S/N: RHX2220-UP

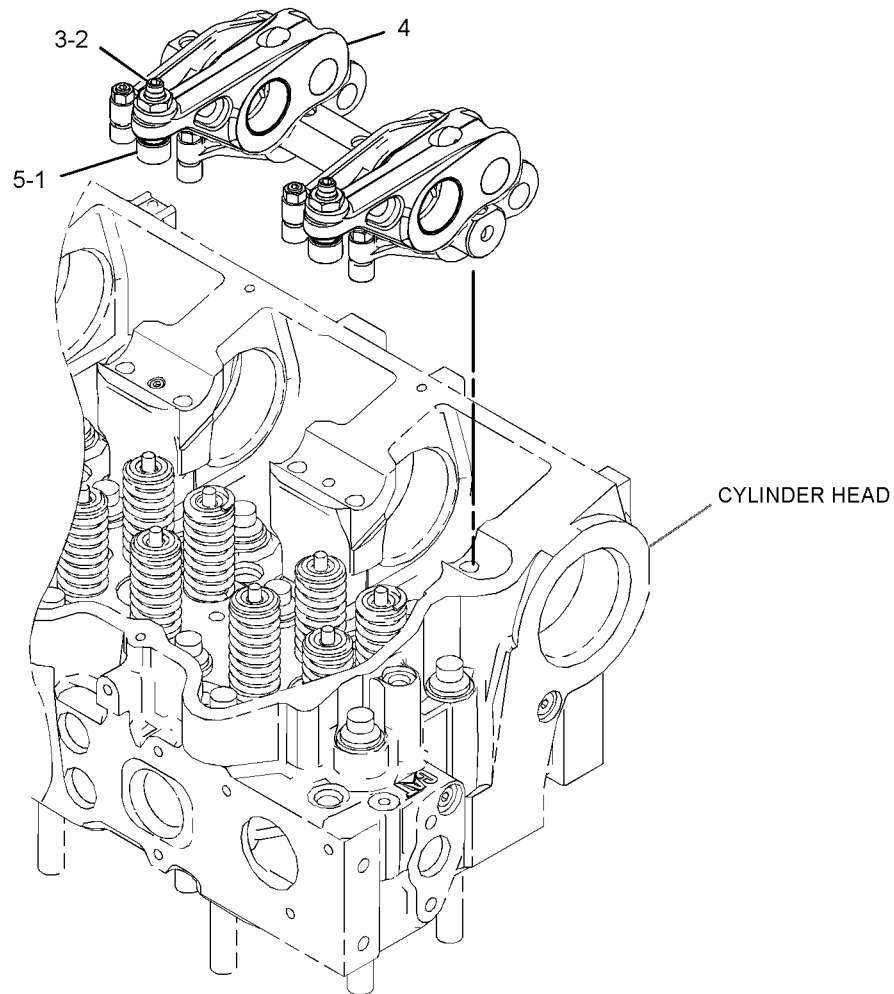
PART OF 328-4236 ROCKER ARM GP
AN ATTACHMENT

SMCS-1123

i03326327

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 (9/16-18X2-IN)						
	3	1	196-5070	1	NUT-JAM (9/16-18-THD)						
R	4	1	278-1365	1	ROCKER ARM AS						
	5	1	061-8639	1	SEAL-O-RING						

R-REMFG PART MAY BE AVAILABLE



GRAPHIC #1

<END>

g01707153

BASIC ENGINE

328-4242 ROCKER ARM GP

S/N: RHX1-UP

PART OF 266-3699 MECHANISM GP-FUEL PUMP & VALVE
AN ATTACHMENT

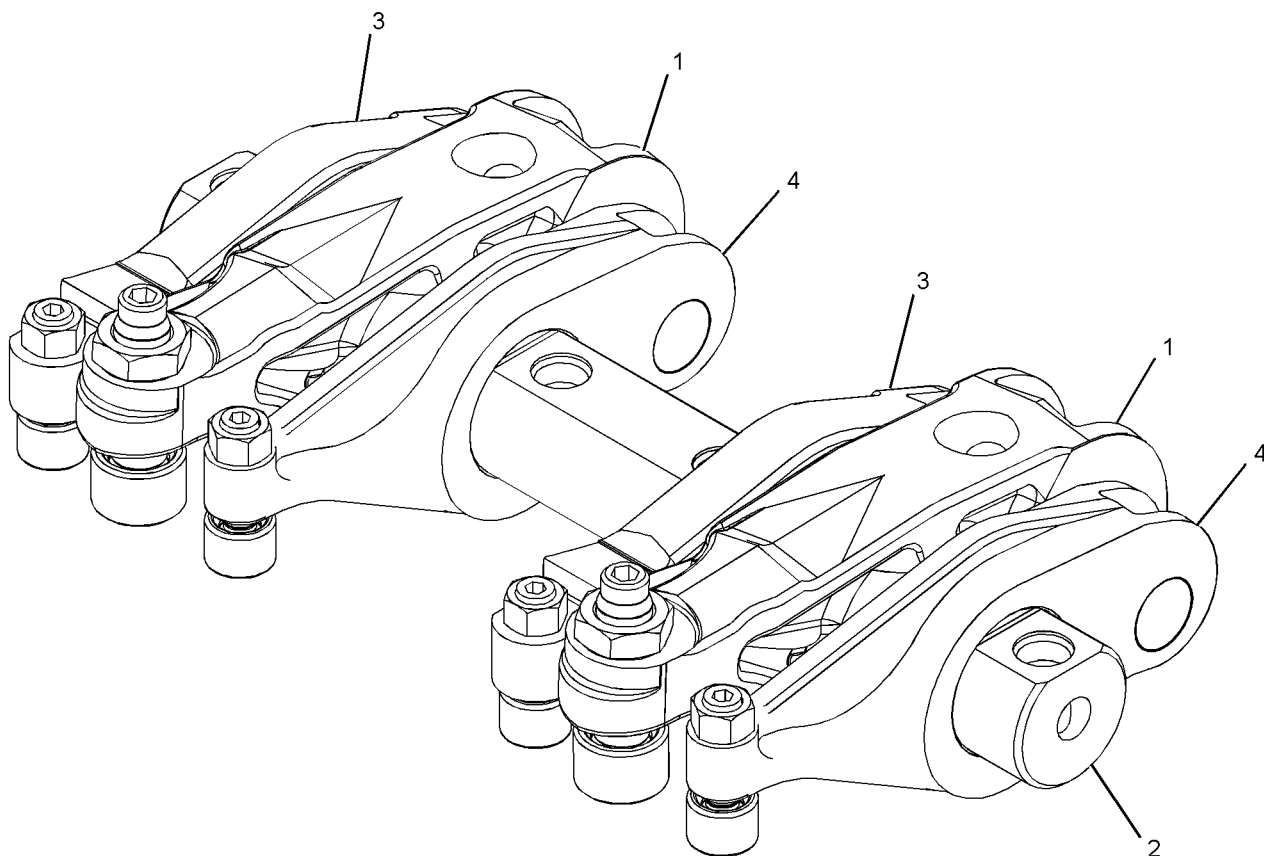
SMCS-1123

i03571493

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
YR	1	1	301-5352	2	ROCKER ARM GP (UNIT INJECTOR)	126
	2	1	307-8322	1	SHAFT AS-ROCKER ARM	
		1	4B-9782	2	BALL	
YR	3	1	320-2794	2	ROCKER ARM GP (EXHAUST)	127
YR	4	1	320-2796	2	ROCKER ARM GP (INTAKE)	128

R-REMFG PART MAY BE AVAILABLE

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01825493

BASIC ENGINE

319-0785 SEAL GP-CRANKSHAFT-REAR

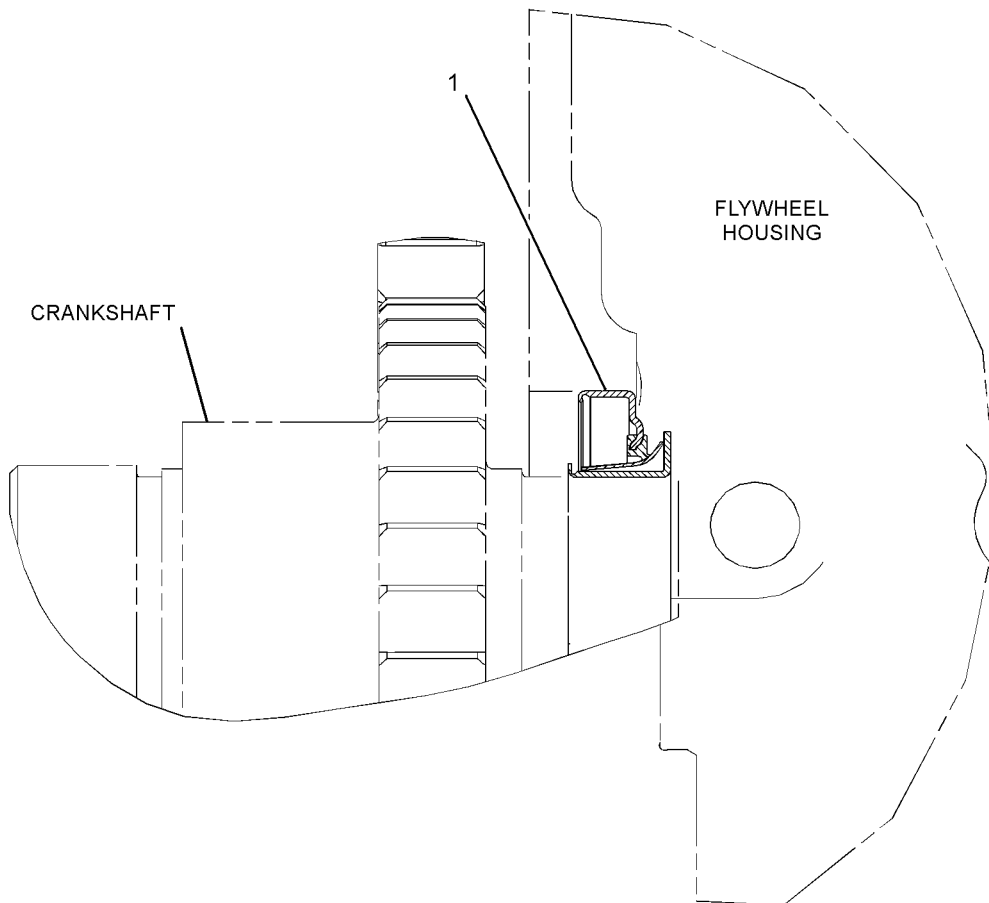
S/N: RHX1-UP

PART OF 134-2809 HOUSING GP-FLYWHEEL
FOR USE WITH CCW ROTATION, REAR
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-FRONT

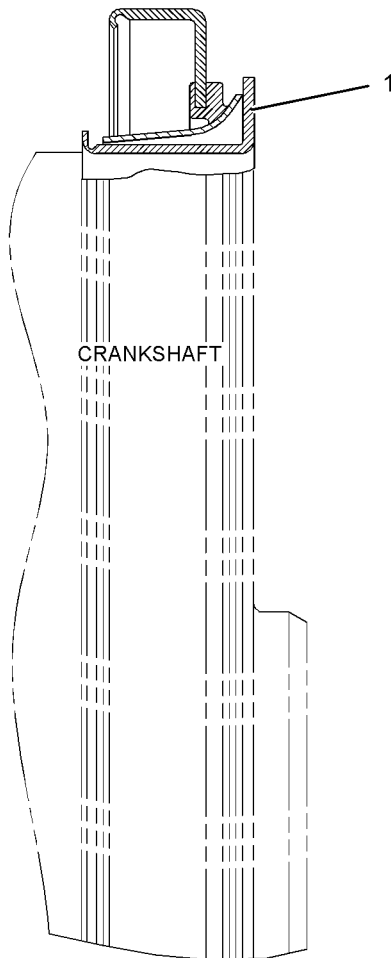
S/N: RHX1-UP

PART OF 223-9732 CRANKSHAFT GP
AN ATTACHMENT

SMCS-1160, 1161

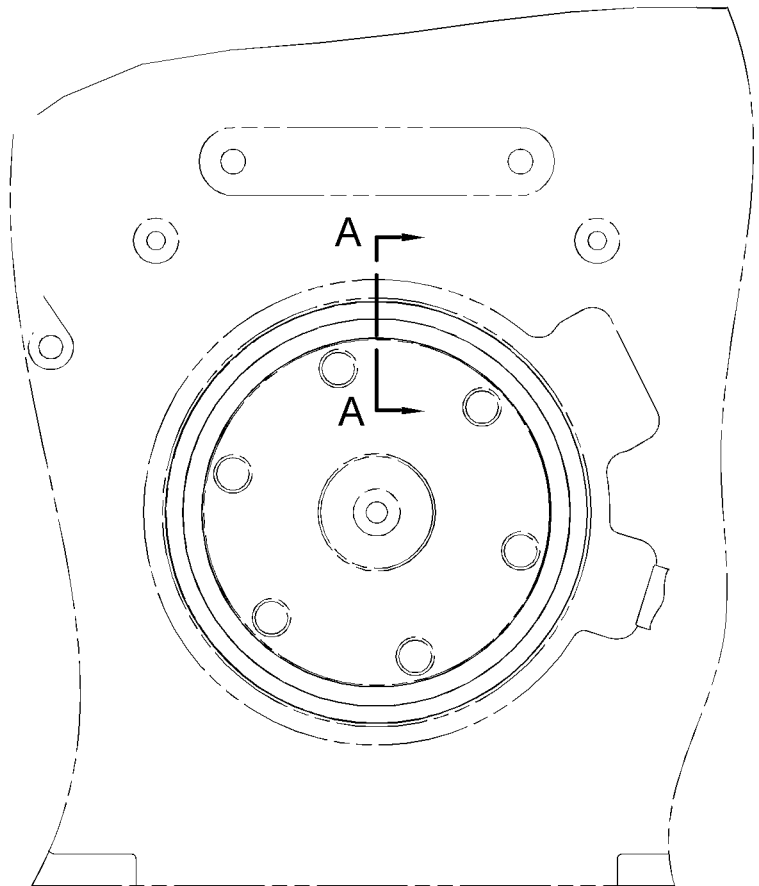
i02957871

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-CRANKSHAFT (FRONT)						



SECTION A-A

GRAPHIC #1



FRONT VIEW OF ENGINE

<END>

g01516169

BASIC ENGINE

132-6236 SUPPORT GP-ENGINE

S/N: BXY1-UP

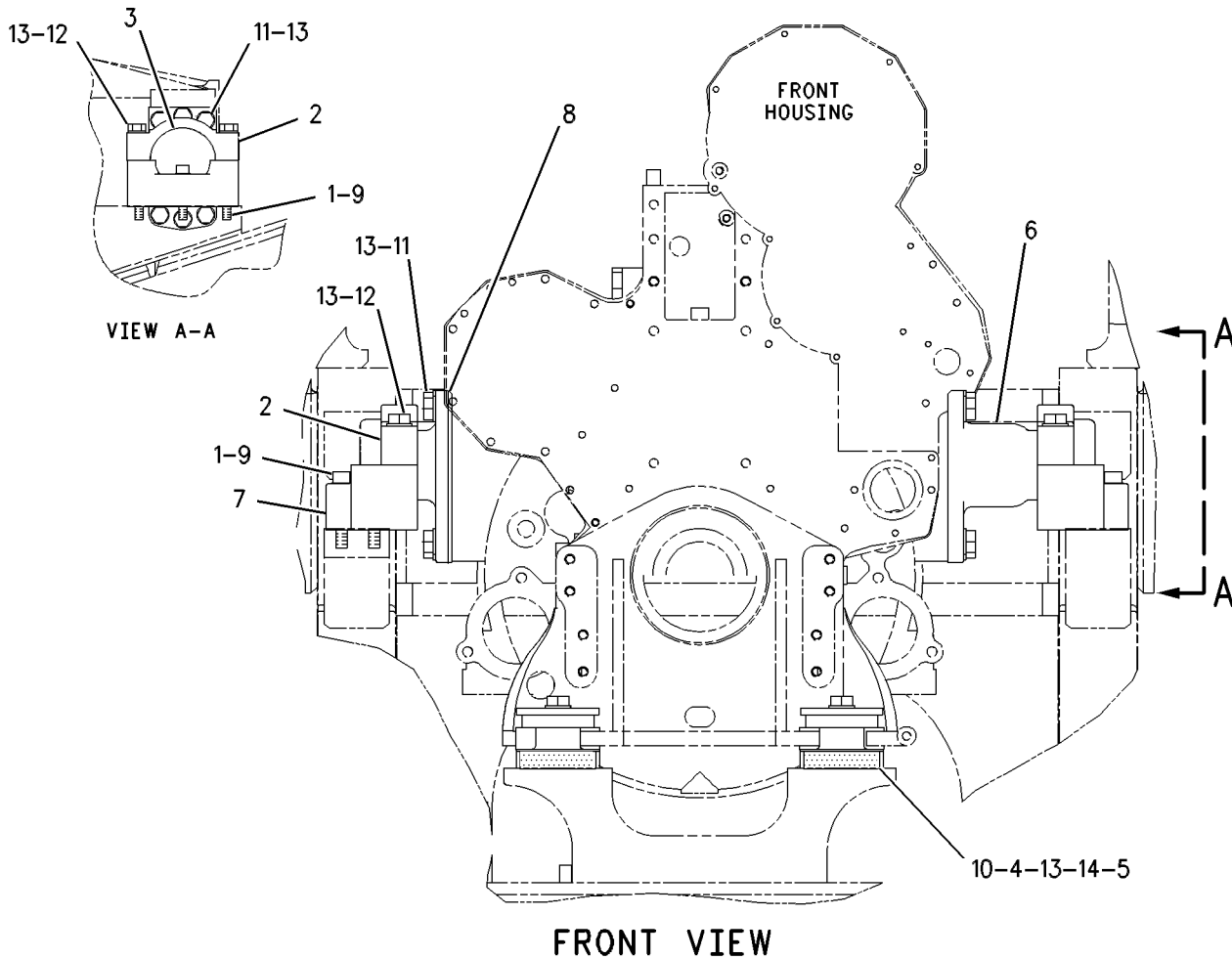
PART OF 226-9643 INSTALLATION AR-ENGINE

SMCS-1152, 1153, 1154

i03083222

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4J-2677	6	WASHER (16.7X27X5-MM THK)						
	2	1	4P-7882	2	CAP						
	3	1	6Y-2090	2	MOUNT AS						
	4	1	9W-6582	2	SLEEVE						
	5	1	9W-9930	2	MOUNT AS						
	6	1	136-6381	1	SUPPORT-ENGINE						
	7	1	136-6382	2	SUPPORT-ENGINE						
	8	1	137-2196	1	SUPPORT-ENGINE						
M	9	1	3E-8008	6	BOLT-SOCKET HEAD (M16X2X90-MM)						
M	10	1	8T-6381	2	BOLT (M20X2.5X120-MM)						
M	11	1	7X-2563	12	BOLT (M20X2.5X60-MM)						
M	12	1	7X-2564	4	BOLT (M20X2.5X90-MM)						
	13	1	8T-4123	18	WASHER (22X35X3.5-MM THK)						
	14	1	9W-6584	2	WASHER (20.5X114X10-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g00505953

BASIC ENGINE

185-6278 SUPPORT GP-ENGINE-FRONT

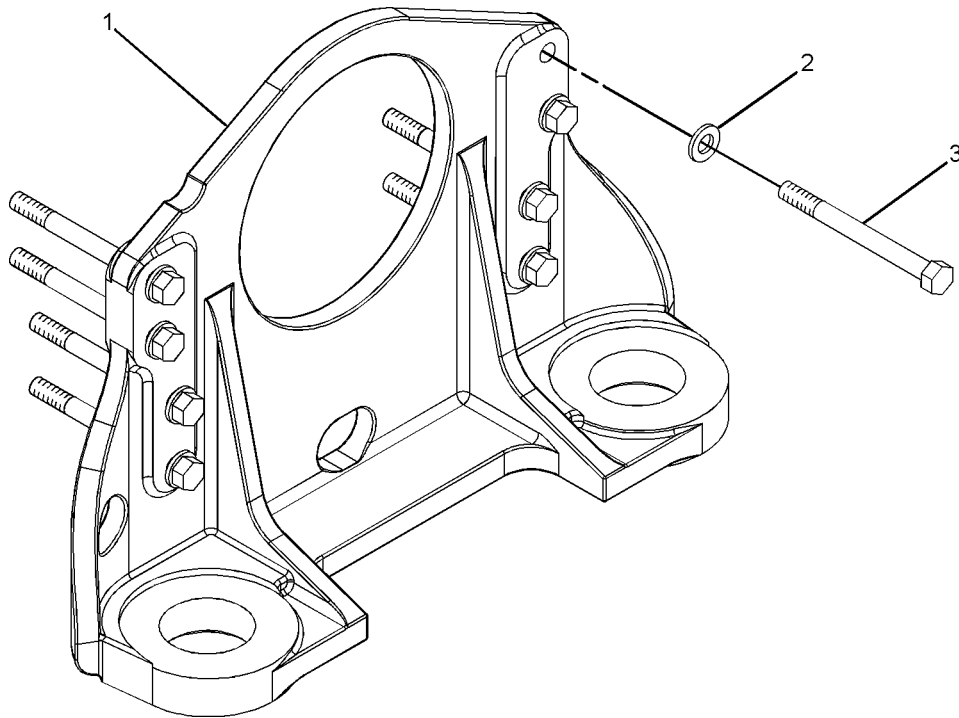
S/N: RHX1-UP

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMplete
AN ATTACHMENT

SMCS-1152, 1153, 1154

i02047053

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	227-3872	1	SUPPORT-ENGINE	
	2	1	5P-8245	8	WASHER-HARD (13.5X25.5X3-MM THK)	
	3	1	9X-8878	8	BOLT (1/2-13X5.25-IN)	



GRAPHIC #1

<END>

g01054554

LUBRICATION SYSTEM

232-0362 EXTENSION GP-FUMES DISPOSAL

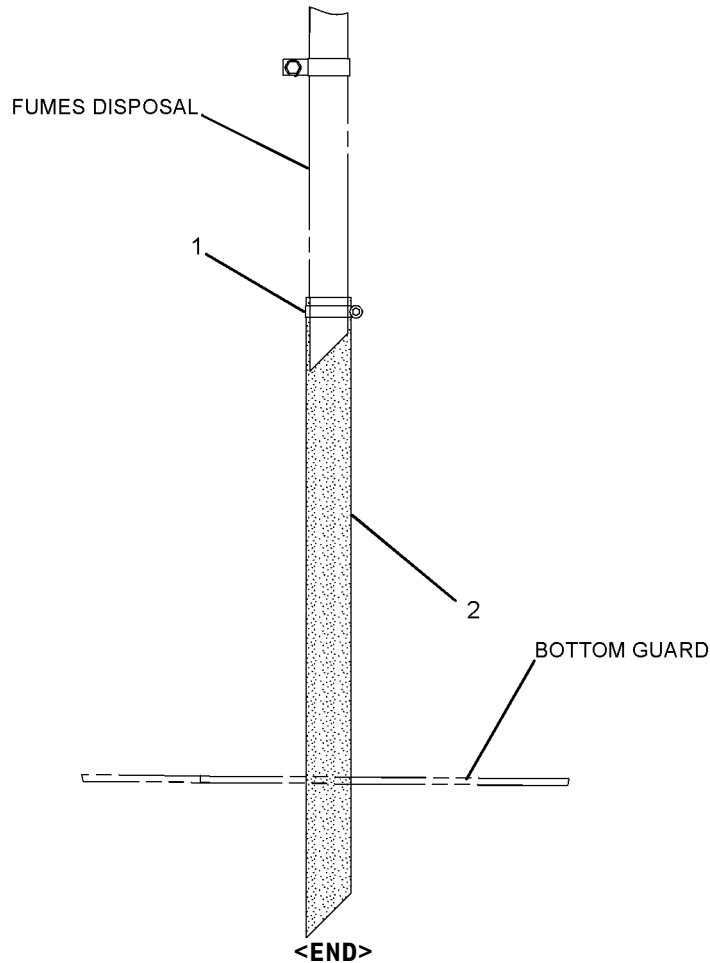
S/N: BXY1-UP

PART OF 226-9643 INSTALLATION AR-ENGINE

SMCS-1317

i02015131

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9M-0164	1	CLAMP - HOSE						
E	2	1	5P-0763		HOSE (77CM)						
E-ORDER BY THE CENTIMETER											



GRAPHIC #1

g01058203

LUBRICATION SYSTEM

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

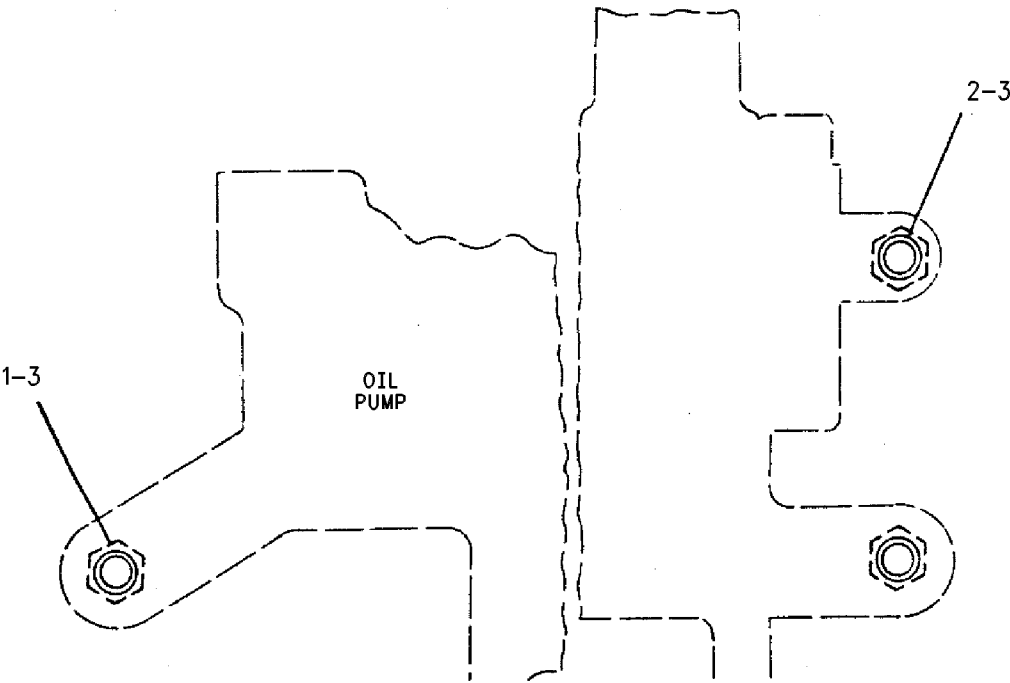
S/N: RHX1-UP

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMplete
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	OL-1143	2	BOLT (3/8-16X2.5-IN)	
	2	1	OS-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

233-8677 FILLER GP-ENGINE OIL

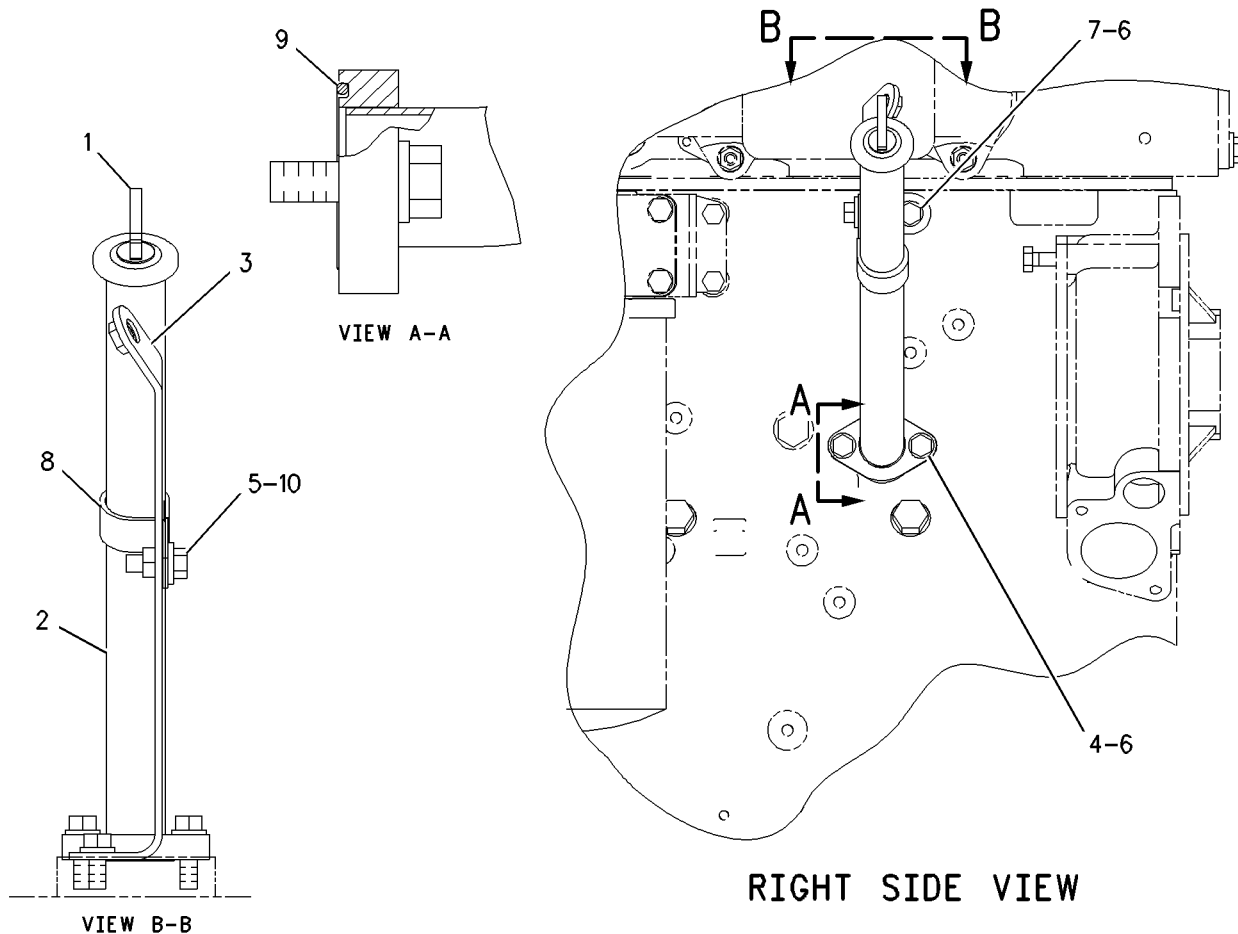
S/N: RHX1-UP

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMplete
AN ATTACHMENT

SMCS-1316

i02208478

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9L-8439	1	CAP-OIL FILLER (ENGINE)						
	2	1	197-1488	1	TUBE AS-OIL FILLER						
	3	1	233-8676	1	BRACKET AS						
		1	1F-0750	2	NUT-WELD (3/8-16-THD)						
	4	1	0S-1588	2	BOLT (3/8-16X1.25-IN)						
	5	1	0S-1594	1	BOLT (3/8-16X1-IN)						
	6	1	5M-2894	3	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	7	1	0S-0509	1	BOLT (3/8-16X0.75-IN)						
	8	1	7C-4355	1	CLIP						
	9	1	8C-0624	1	SEAL-O-RING						
	10	1	9X-6458	1	WASHER-HARD (10.2X22.5X3-MM THK)						



GRAPHIC #1

<END>

g01002722

LUBRICATION SYSTEM

249-7738 FILTER GP-ENGINE OIL

S/N: RHX1-1266

PROVIDES ENGINE OIL SAMPLING ON THE DIRTY SIDE OF THE FILTER

PART OF 225-6065, 225-6106 ENGINE AR-COMPLETE

AN ATTACHMENT

SMCS-1306, 1308

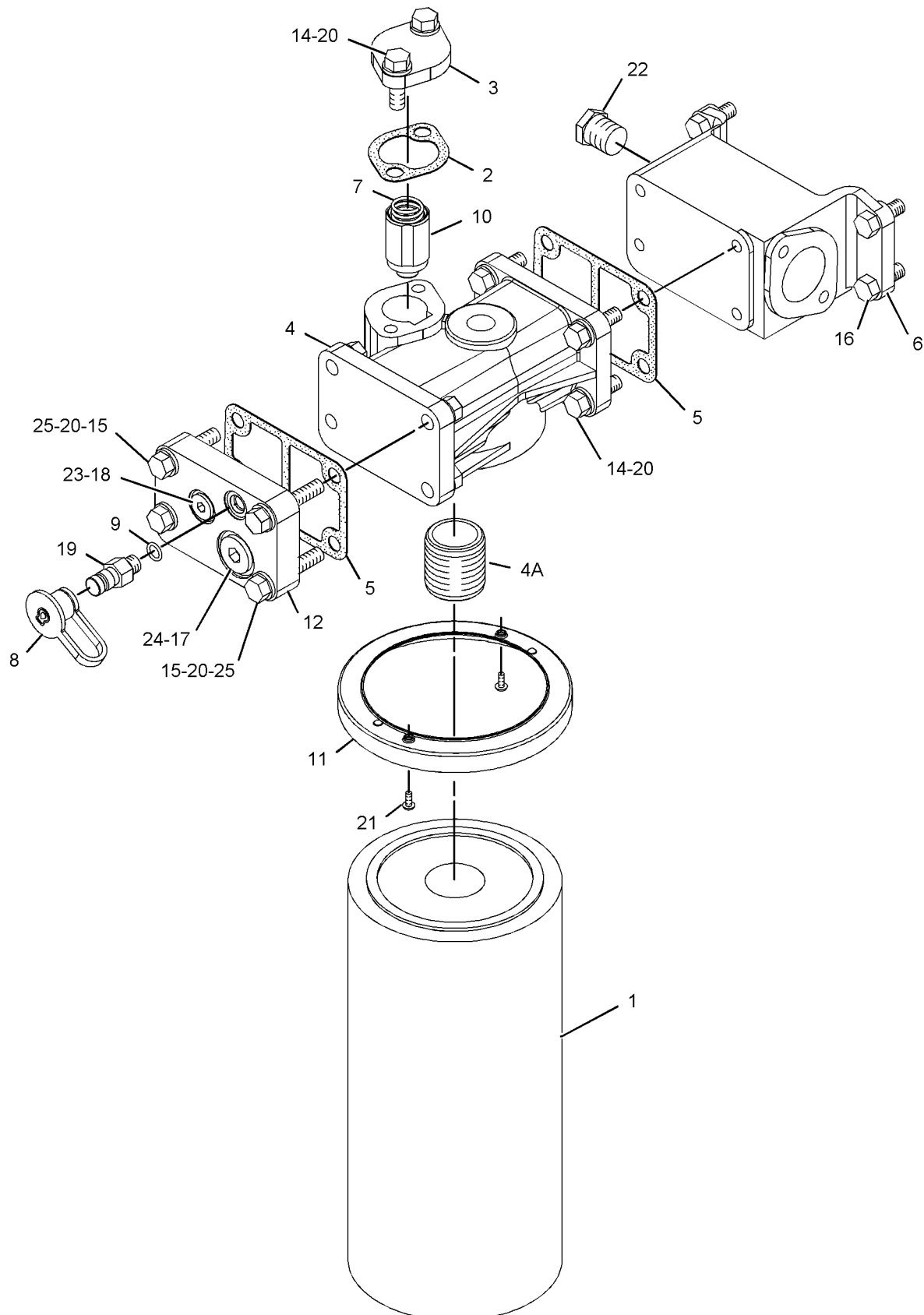
i02742350

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1R-0716	1	FILTER AS-ENGINE OIL (STANDARD EFFICIENCY)						
	2	1	2P-3760	1	GASKET						
	3	1	2P-3761	1	COVER						
	4	1	2P-4301	1	BASE AS						
	4A	1	2P-4304	1	STUD-HOLLOW						
	5	1	2P-4305	2	GASKET						
	6	1	4N-0827	1	ADAPTER-FILTER						
	7	1	4N-8150	1	SPRING						
	8	1	8C-3445	1	CAP-DUST						
	9	1	3J-7354	1	SEAL-O-RING						
	10	1	9M-0853	1	PLUNGER-VALVE						
	11	1	191-0965	1	SHIELD-OIL FILTER						
	12	1	249-7734	1	COVER						
	14	1	0S-1588	6	BOLT (3/8-16X1.25-IN)						
	15	1	0S-1590	4	BOLT (3/8-16X2-IN)						
	16	1	0S-1594	4	BOLT (3/8-16X1-IN)						
	17	1	136-7227	1	SEAL-O-RING						
	18	1	3J-1907	1	SEAL-O-RING						
	19	1	8C-3446	1	VALVE-FLUID SAMPLING						
	20	1	5M-2894	14	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	21	1	7F-9090	2	SCREW-DRIVE (8X0.375-IN)						
	22	1	7W-6492	1	PLUG-PIPE						
	23	1	9S-8004	1	PLUG						
	24	1	9S-8006	1	PLUG-O-RING						
	25	1	9S-8752	4	NUT-FULL (3/8-16-THD)						

LUBRICATION SYSTEM

249-7738 FILTER GP-ENGINE OIL (contd.)

i02742350



GRAPHIC #1

<END>

g01115326

LUBRICATION SYSTEM

249-7738 FILTER GP-ENGINE OIL

S/N: RHX1261-1782

PROVIDES ENGINE OIL SAMPLING ON THE DIRTY SIDE OF THE FILTER

PART OF 225-6065, 225-6106 ENGINE AR-COMPLETE

AN ATTACHMENT

SMCS-1306, 1308

i02742351

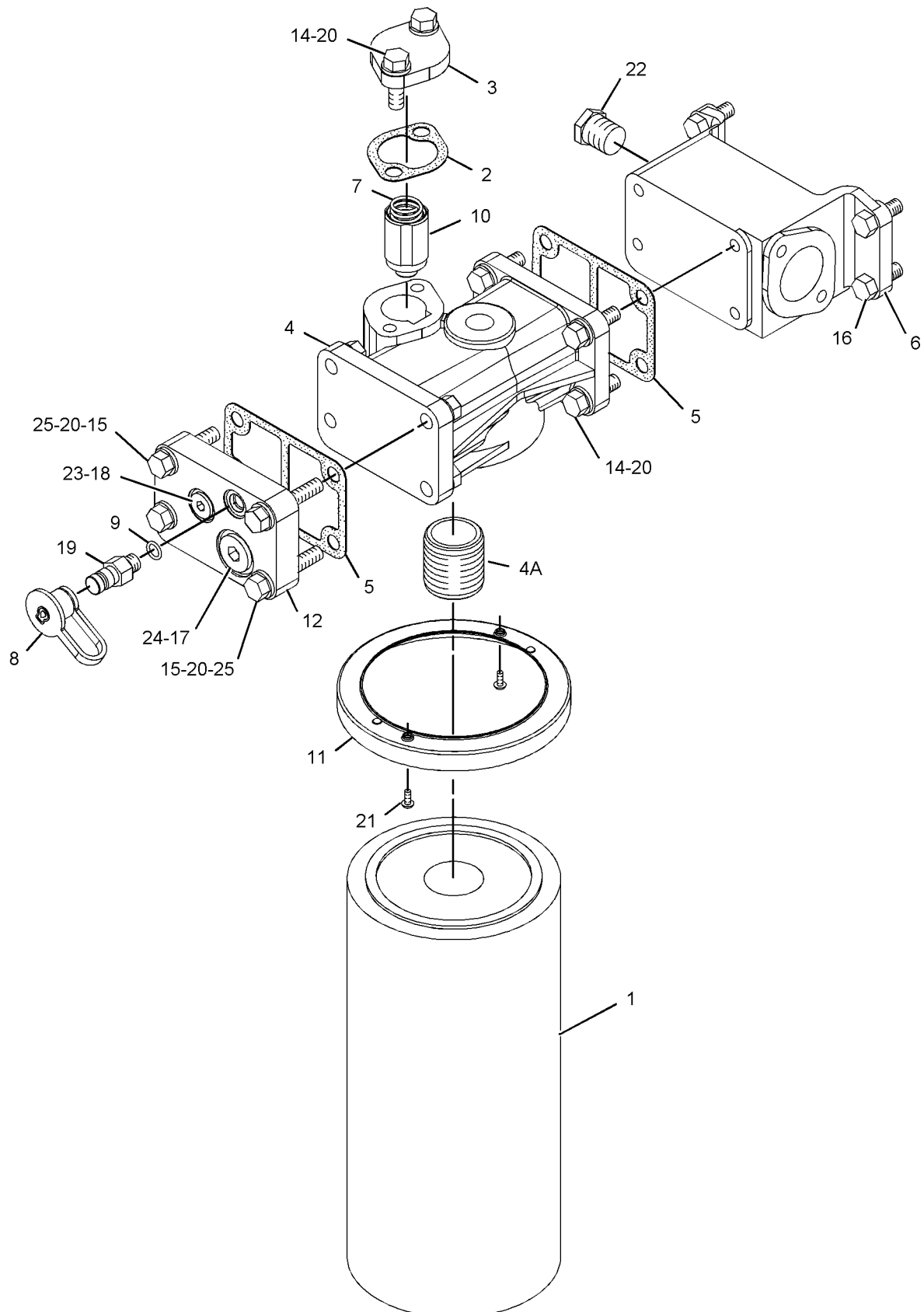
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	1	1	1R-1808	1	FILTER-ENGINE OIL (ADVANCED EFFICIENCY)						
	2	1	2P-3760	1	GASKET						
	3	1	2P-3761	1	COVER						
	4	1	2P-4301	1	BASE AS						
	4A	1	2P-4304	1	STUD-HOLLOW						
	5	1	2P-4305	2	GASKET						
	6	1	4N-0827	1	ADAPTER-FILTER						
	7	1	4N-8150	1	SPRING						
	8	1	8C-3445	1	CAP-DUST						
	9	1	3J-7354	1	SEAL-O-RING						
	10	1	9M-0853	1	PLUNGER-VALVE						
	11	1	191-0965	1	SHIELD-OIL FILTER						
	12	1	249-7734	1	COVER						
	14	1	0S-1588	6	BOLT (3/8-16X1.25-IN)						
	15	1	0S-1590	4	BOLT (3/8-16X2-IN)						
	16	1	0S-1594	4	BOLT (3/8-16X1-IN)						
	17	1	136-7227	1	SEAL-O-RING						
	18	1	3J-1907	1	SEAL-O-RING						
	19	1	8C-3446	1	VALVE-FLUID SAMPLING						
	20	1	5M-2894	14	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	21	1	7F-9090	2	SCREW-DRIVE (8X0.375-IN)						
	22	1	7W-6492	1	PLUG-PIPE						
	23	1	9S-8004	1	PLUG						
	24	1	9S-8006	1	PLUG-O-RING						
	25	1	9S-8752	4	NUT-FULL (3/8-16-THD)						

C-CHANGE FROM PREVIOUS TYPE

LUBRICATION SYSTEM

249-7738 FILTER GP-ENGINE OIL (contd.)

i02742351



GRAPHIC #1

<END>

g01115326

LUBRICATION SYSTEM

263-5374 FILTER GP-ENGINE OIL

S/N: RHX1-UP

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMPLETE
AN ATTACHMENT

SMCS-1306, 1308

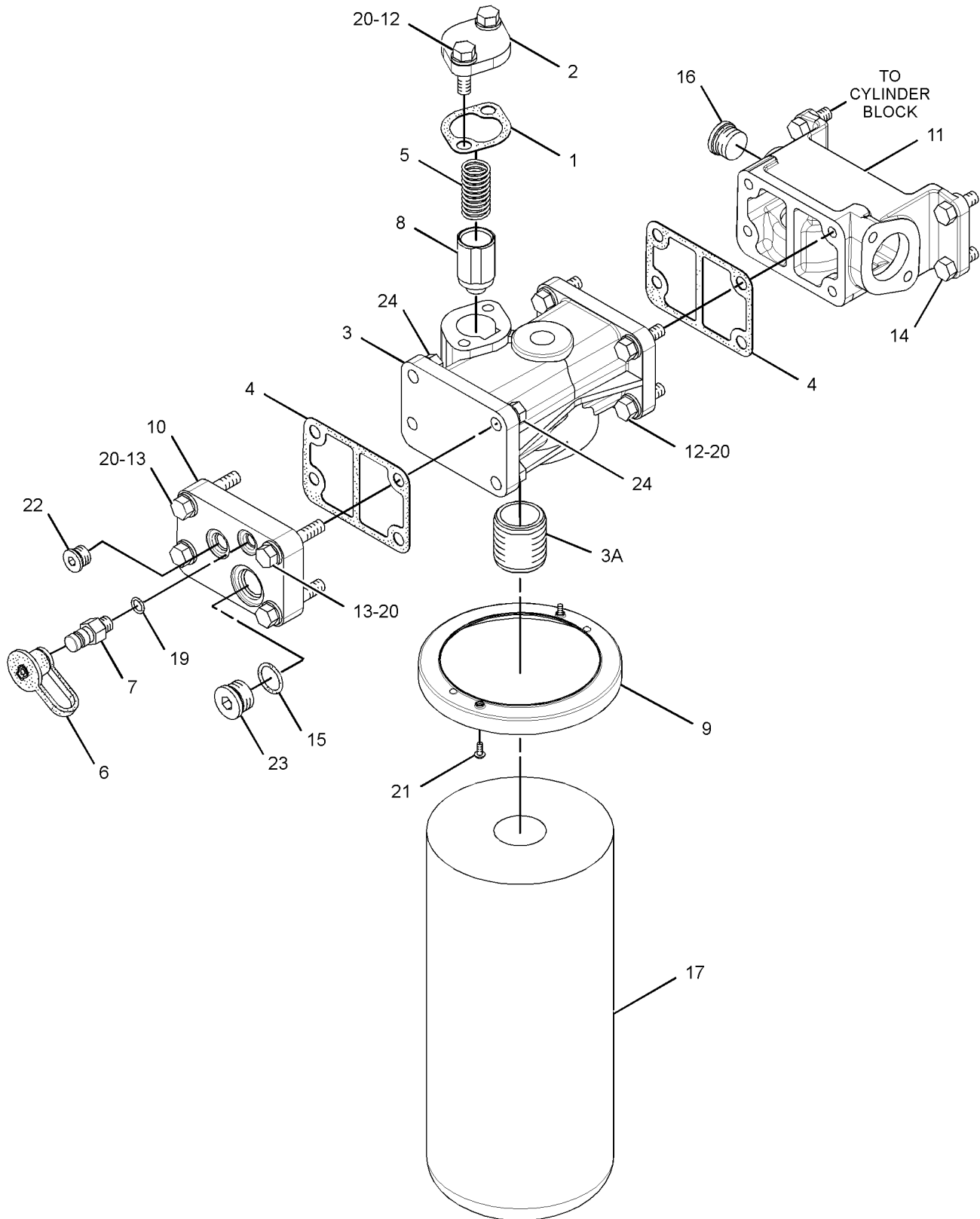
i03075506

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2P-3760	1	GASKET						
	2	1	2P-3761	1	COVER						
	3	1	2P-4301	1	BASE AS						
	3A	1	2P-4304	1	STUD-HOLLOW						
	4	1	2P-4305	2	GASKET						
	5	1	4N-8150	1	SPRING						
	6	1	8C-3445	1	CAP-DUST						
	7	1	8C-3446	1	VALVE-FLUID SAMPLING						
	8	1	9M-0853	1	PLUNGER-VALVE						
	9	1	191-0965	1	SHIELD-OIL FILTER						
	10	1	249-7734	1	COVER						
	11	1	259-8357	1	ADAPTER-OIL FILTER						
	12	1	0S-1588	6	BOLT (3/8-16X1.25-IN)						
	13	1	0S-1590	4	BOLT (3/8-16X2-IN)						
	14	1	0S-1594	4	BOLT (3/8-16X1-IN)						
	15	1	136-7227	1	SEAL-O-RING						
	16	1	164-5619	1	PLUG AS						
		1	2M-9780	1	SEAL-O-RING						
		1	9S-8006	1	PLUG-O-RING						
	17	1	1R-1808	1	FILTER-ENGINE OIL (ADVANCED EFFICIENCY)						
	19	1	3J-7354	1	SEAL-O-RING						
	20	1	5M-2894	14	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	21	1	7F-9090	2	SCREW-DRIVE (8X0.375-IN)						
	22	1	162-0177	1	PLUG AS						
		1	9S-8004	1	PLUG						
		1	3J-1907	1	SEAL-O-RING						
	23	1	9S-8006	1	PLUG-O-RING						
	24	1	9S-8752	4	NUT-FULL (3/8-16-THD)						

LUBRICATION SYSTEM

263-5374 FILTER GP-ENGINE OIL (contd.)

i03075506



GRAPHIC #1

<END>

g01563297

LUBRICATION SYSTEM

159-9362 FUMES DISPOSAL GP

S/N: RHX1-UP

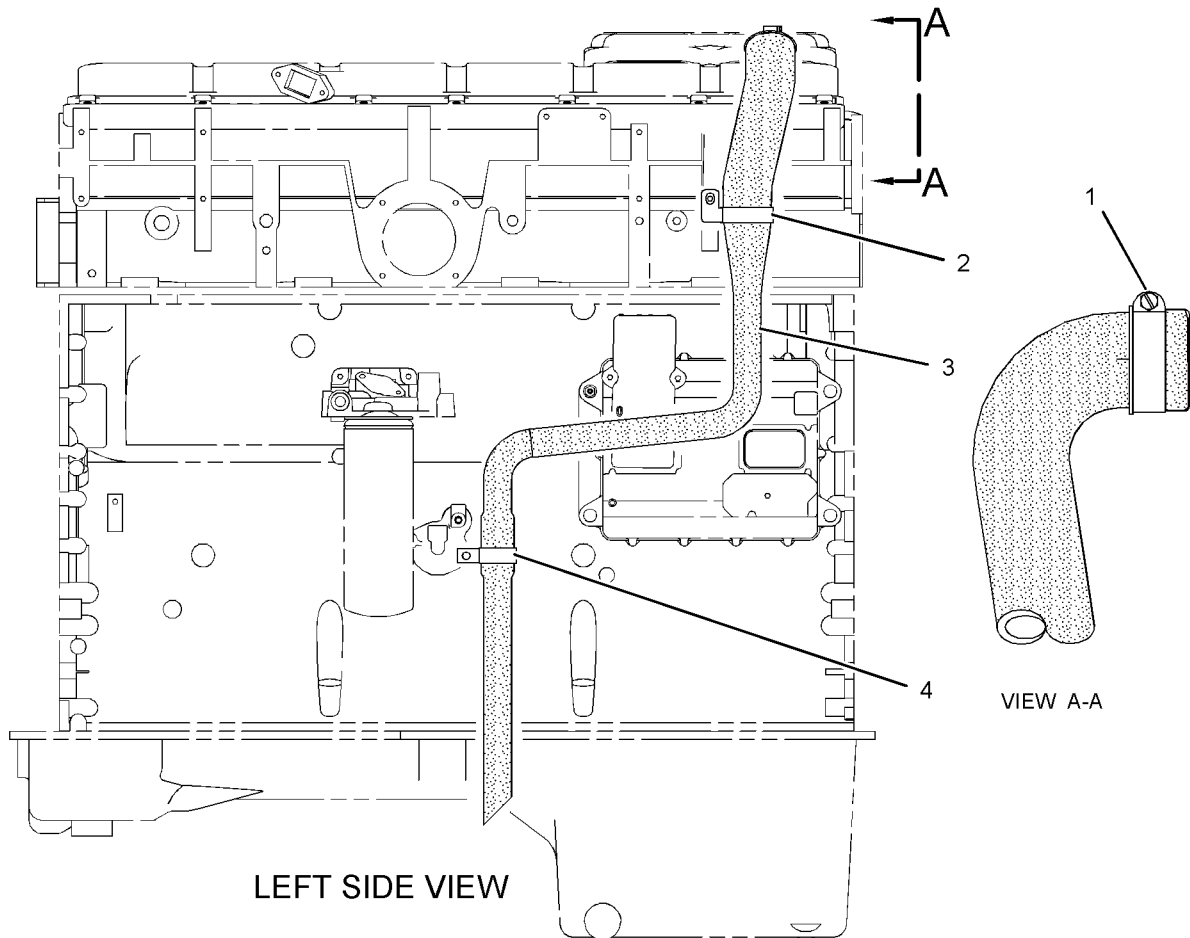
REAR VALVE COVER MOUNTED FUMES DISPOSAL

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMPLETE
AN ATTACHMENT

SMCS-1317

i03496900

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9M-0164	1	CLAMP-HOSE						
	2	1	161-6622	1	CLIP						
	3	1	207-8128	1	HOSE AS (FUMES DISPOSAL)						
	4	1	5P-2369	1	CLIP						



GRAPHIC #1

<END>

g01436024

LUBRICATION SYSTEM

220-2917 GAUGE GP-OIL LEVEL (DIPSTICK)-ENGINE

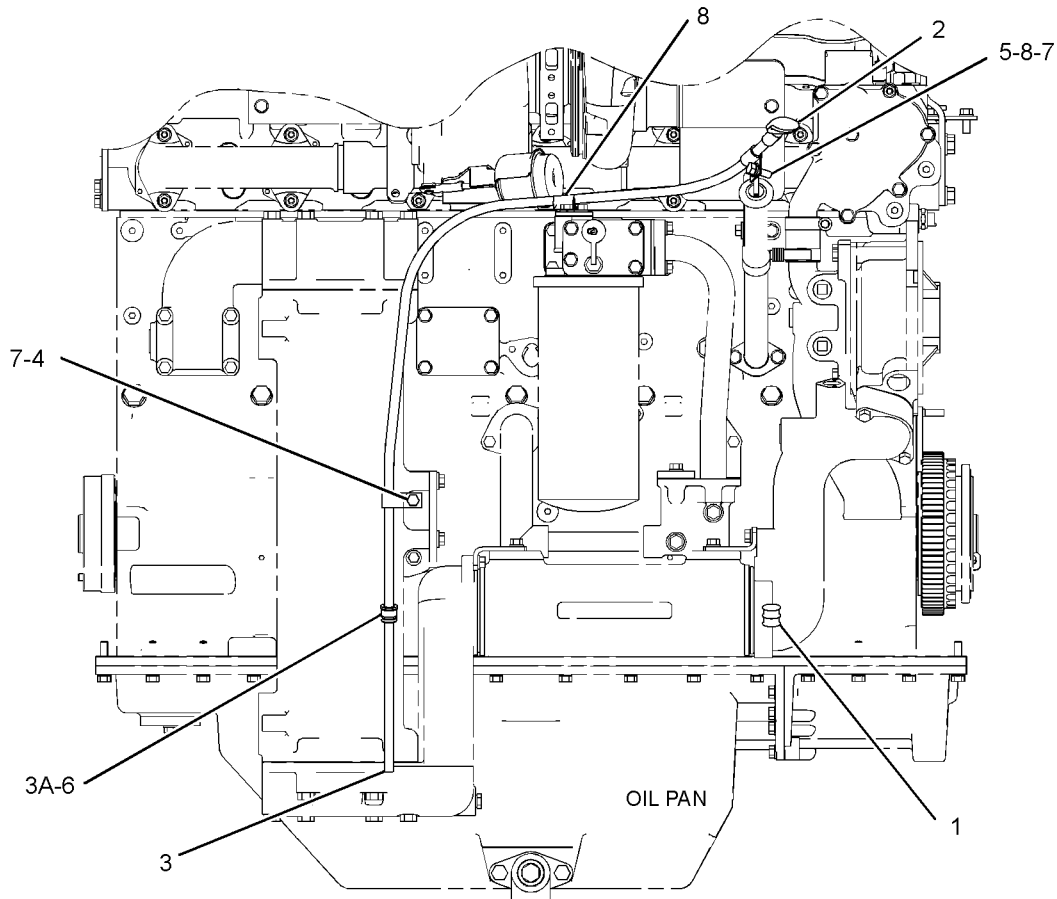
S/N: RHX1-UP

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMplete
AN ATTACHMENT

SMCS-1326

i03167222

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	180-5567	1	GAUGE AS-OIL LEVEL (DIPSTICK) (ENGINE)						
	3	1	233-8675	1	TUBE AS						
	3A	1	4N-1294	1	ADAPTER						
	4	1	0S-1588	1	BOLT (3/8-16X1.25-IN)						
	5	1	0S-1594	1	BOLT (3/8-16X1-IN)						
	6	1	118-5068	1	SEAL-O-RING						
	7	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	8	1	5P-9299	2	CLIP						
J-USE TO PLUG OPTIONAL DIPSTICK LOCATIONS											



RIGHT SIDE VIEW OF ENGINE

<END>

GRAPHIC #1

g01791935

LUBRICATION SYSTEM

219-4443 LINES GP-ENGINE OIL

S/N: RHX1-UP

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMPLETE
AN ATTACHMENT

SMCS-1307

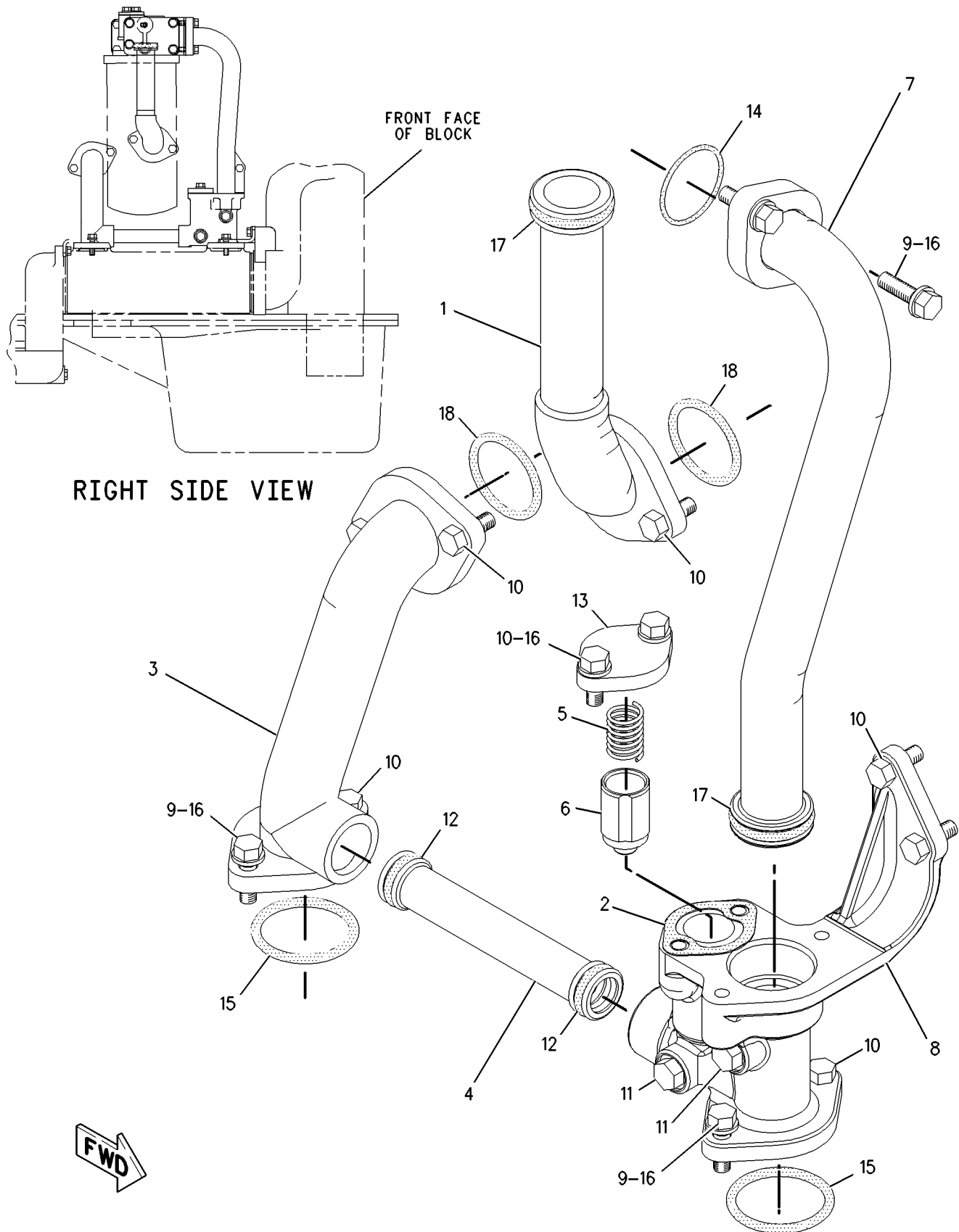
i02840213

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1W-6137	1	TUBE AS						
	2	1	2P-3760	1	GASKET						
	3	1	4N-0826	1	ELBOW						
	4	1	4N-1216	1	TUBE-COOLER BYPASS						
	5	1	4N-8150	1	SPRING						
	6	1	9M-0853	1	PLUNGER-VALVE						
	7	1	203-0147	1	TUBE AS						
	8	1	223-5814	1	BODY-COOLER BYPASS (ENGINE OIL)						
	9	1	0S-1588	4	BOLT (3/8-16X1.25-IN)						
	10	1	0S-1594	10	BOLT (3/8-16X1-IN)						
	11		148-8405	2	PLUG AS						
					(EACH INCLUDES)						
		1	3K-8460	1	PLUG						
			1J-9671	1	SEAL-O-RING						
	12	1	2N-3350	2	SEAL-O-RING						
	13	1	2P-3761	1	COVER						
	14	1	3E-6790	1	SEAL-O-RING						
	15	1	3P-0650	2	SEAL-O-RING						
	16	1	5M-2894	6	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	17	1	5P-8068	2	SEAL-O-RING						
	18	1	8C-5230	2	SEAL-O-RING						

LUBRICATION SYSTEM

219-4443 LINES GP-ENGINE OIL (contd.)

i02840213



GRAPHIC #1

<END>

g01002356

LUBRICATION SYSTEM

227-3917 LINES GP-ENGINE OIL

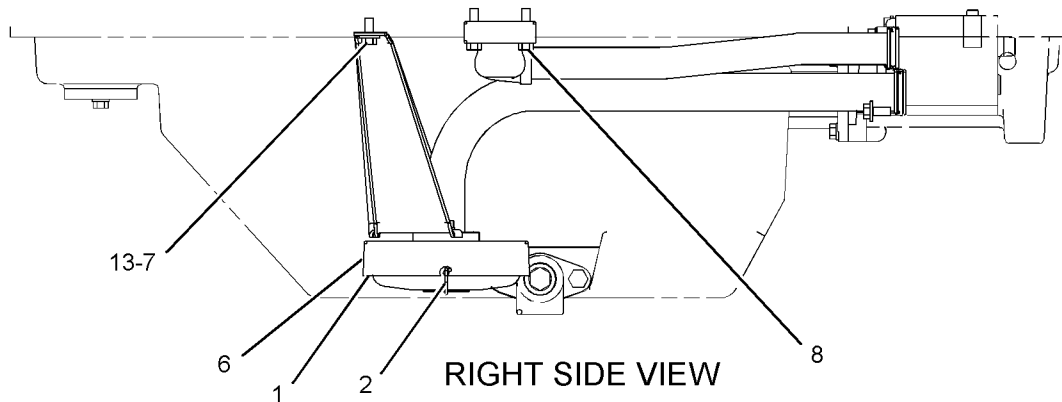
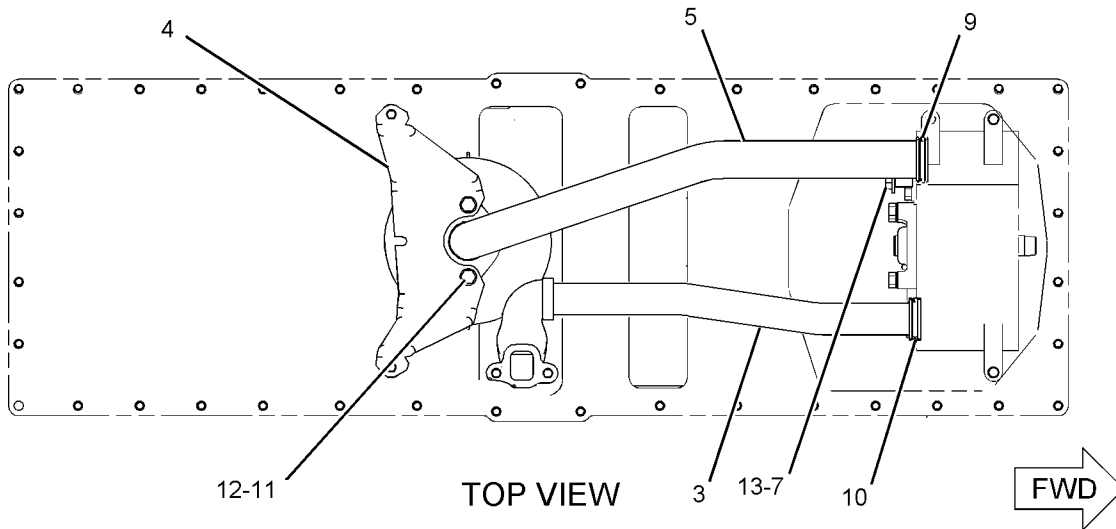
S/N: RHX1-2480

PART OF 225-6065, 225-6106 ENGINE AR-COMplete
AN ATTACHMENT

SMCS-1307

i03636997

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4N-0913	1	SCREEN AS-SUCTION (ENGINE OIL)						
	2	1	4N-0914	1	CLIP						
	3	1	4P-7373	1	TUBE AS						
	4	1	4P-9131	1	SUPPORT-BELL						
	5	1	7E-4508	1	TUBE AS						
	6	1	8N-2104	1	BELL AS-SUCTION						
		1	1F-0750	1	NUT-WELD (3/8-16-THD)						
	7	1	OL-1351	3	BOLT (3/8-16X0.875-IN)						
	8	1	OS-1591	2	BOLT (3/8-16X1.5-IN)						
	9	1	109-0072	1	SEAL-O-RING						
	10	1	109-0078	1	SEAL-O-RING						
	11	1	1A-2029	2	BOLT (3/8-16X1.125-IN)						
	12	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	13	1	9X-6458	3	WASHER-HARD (10.2X22.5X3-MM THK)						



GRAPHIC #1

<END>

g01056064

LUBRICATION SYSTEM

227-3917 LINES GP-ENGINE OIL

S/N: RHX2481-2964

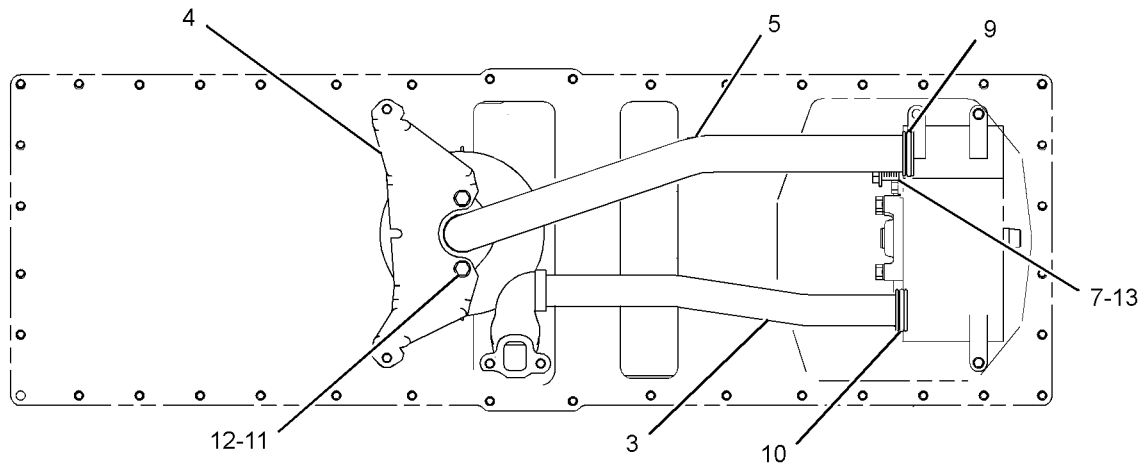
PART OF 225-6065, 225-6106 ENGINE AR-COMplete
AN ATTACHMENT

SMCS-1307

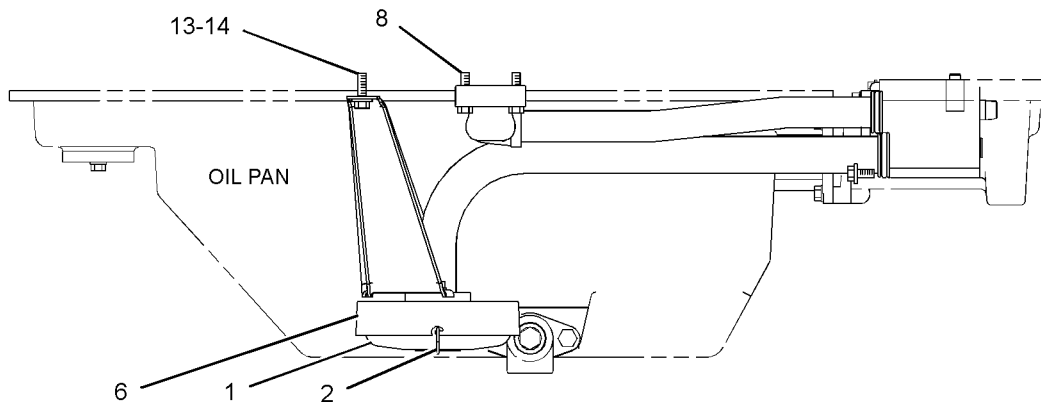
i03636998

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	4N-0913	1	SCREEN AS-SUCTION (ENGINE OIL)	
	2	1	4N-0914	1	CLIP	
	3	1	4P-7373	1	TUBE AS	
	4	1	4P-9131	1	SUPPORT-BELL	
	5	1	7E-4508	1	TUBE AS	
	6	1	8N-2104	1	BELL AS-SUCTION	
		1	1F-0750	1	NUT-WELD (3/8-16-THD)	
C	7	1	0L-1351	1	BOLT (3/8-16X0.875-IN)	
	8	1	0S-1591	2	BOLT (3/8-16X1.5-IN)	
	9	1	109-0072	1	SEAL-O-RING	
	10	1	109-0078	1	SEAL-O-RING	
	11	1	1A-2029	2	BOLT (3/8-16X1.125-IN)	
	12	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	13	1	9X-6458	3	WASHER-HARD (10.2X22.5X3-MM THK)	
C	14	1	0S-1588	2	BOLT (3/8-16X1.25-IN)	

C-CHANGE FROM PREVIOUS TYPE



TOP VIEW OF ENGINE



RIGHT SIDE VIEW OF ENGINE

GRAPHIC #1

<END>

g01291169

LUBRICATION SYSTEM

227-3917 LINES GP-ENGINE OIL

S/N: RHX1-UP

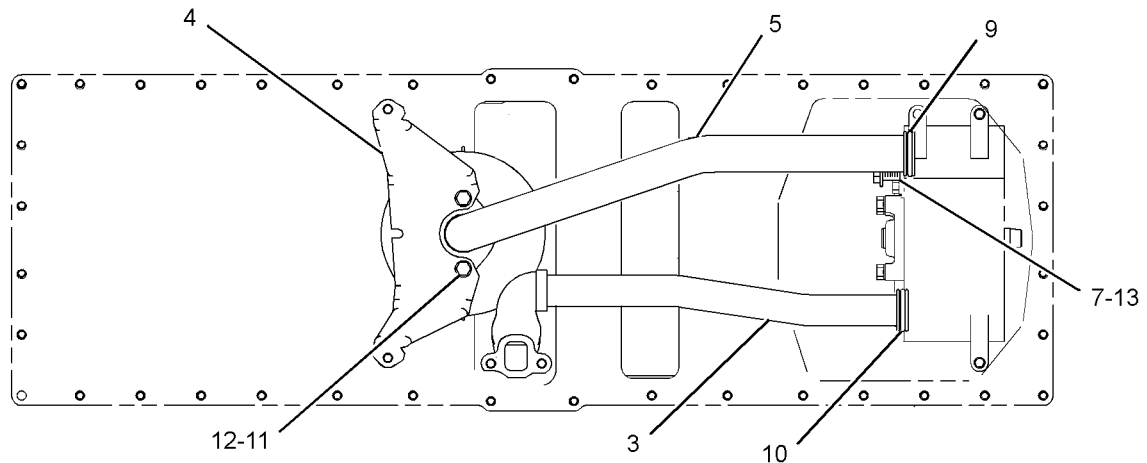
PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMPLETE
AN ATTACHMENT

SMCS-1307

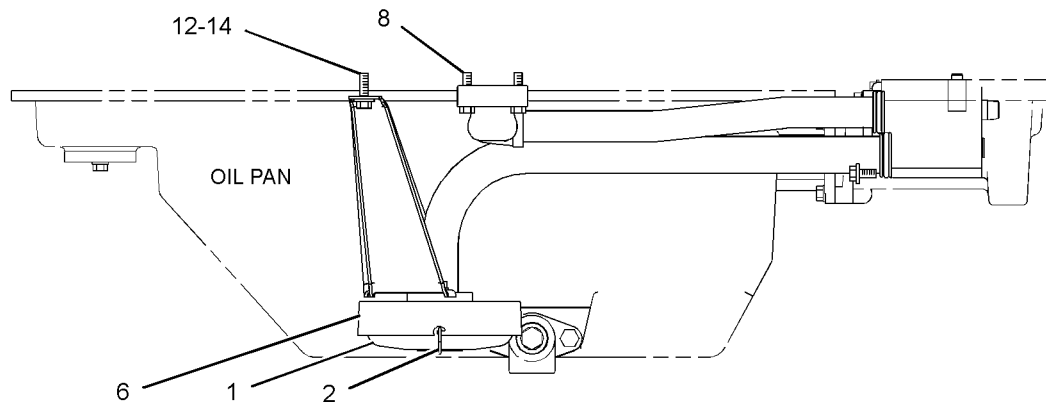
i03636999

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	4N-0913	1	SCREEN AS-SUCTION (ENGINE OIL)	
	2	1	4N-0914	1	CLIP	
	3	1	4P-7373	1	TUBE AS	
	4	1	4P-9131	1	SUPPORT-BELL	
	5	1	7E-4508	1	TUBE AS	
	6	1	8N-2104	1	BELL AS-SUCTION	
		1	1F-0750	1	NUT-WELD (3/8-16-THD)	
	7	1	OL-1351	1	BOLT (3/8-16X0.875-IN)	
	8	1	OS-1591	2	BOLT (3/8-16X1.5-IN)	
	9	1	109-0072	1	SEAL-O-RING	
	10	1	109-0078	1	SEAL-O-RING	
	11	1	1A-2029	2	BOLT (3/8-16X1.125-IN)	
C	12	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5-MM THK)	
C	13	1	9X-6458	1	WASHER-HARD (10.2X22.5X3-MM THK)	
	14	1	OS-1588	2	BOLT (3/8-16X1.25-IN)	

C-CHANGE FROM PREVIOUS TYPE



TOP VIEW OF ENGINE



RIGHT SIDE VIEW OF ENGINE

GRAPHIC #1

<END>

g01297977

LUBRICATION SYSTEM

291-6821 LINES GP-ENGINE OIL

S/N: RHX8292-UP

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMPLETE

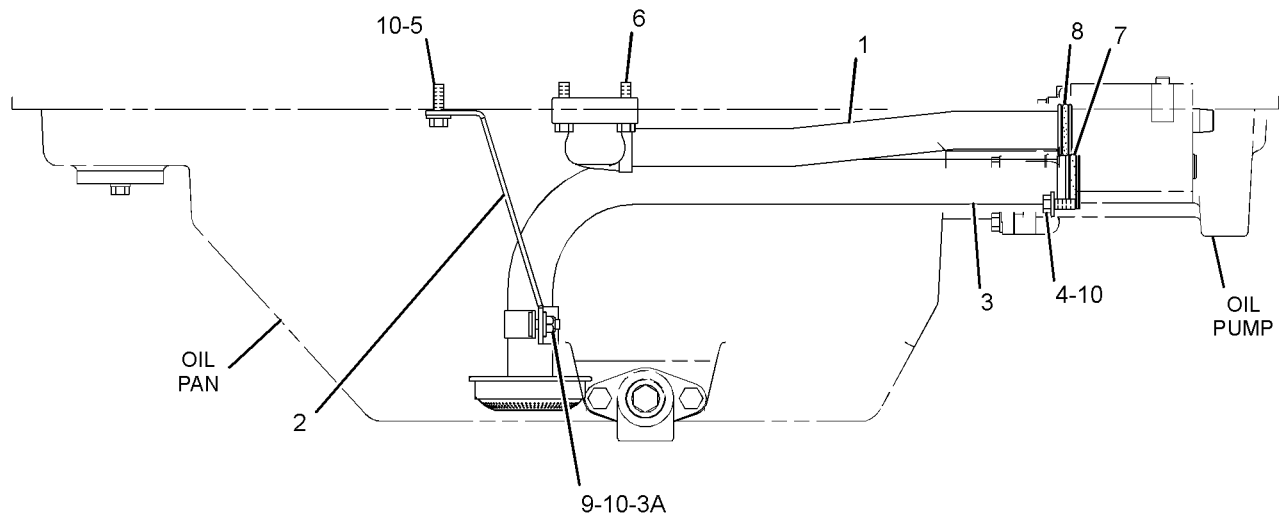
FOR USE WITH 175-3860-PAGE 107

AN ATTACHMENT

SMCS-1307

i03246215

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4P-7373	1	TUBE AS						
	2	1	292-9782	1	BRACKET						
	3	1	292-9783	1	TUBE AS						
	3A	1	5L-8957	2	STUD-WELD (3/8-16X1-IN)						
	4	1	0L-1351	1	BOLT (3/8-16X0.875-IN)						
	5	1	0S-1588	2	BOLT (3/8-16X1.25-IN)						
	6	1	0S-1591	2	BOLT (3/8-16X1.5-IN)						
	7	1	109-0072	1	SEAL-O-RING						
	8	1	109-0078	1	SEAL-O-RING						
	9	1	2K-4973	2	LOCKNUT (3/8-16-THD)						
	10	1	9X-6458	5	WASHER-HARD (10.2X22.5X3-MM THK)						



RIGHT SIDE VIEW OF ENGINE

GRAPHIC #1

<END>

g01647620

LUBRICATION SYSTEM

235-1054 LINES GP-TURBOCHARGER OIL

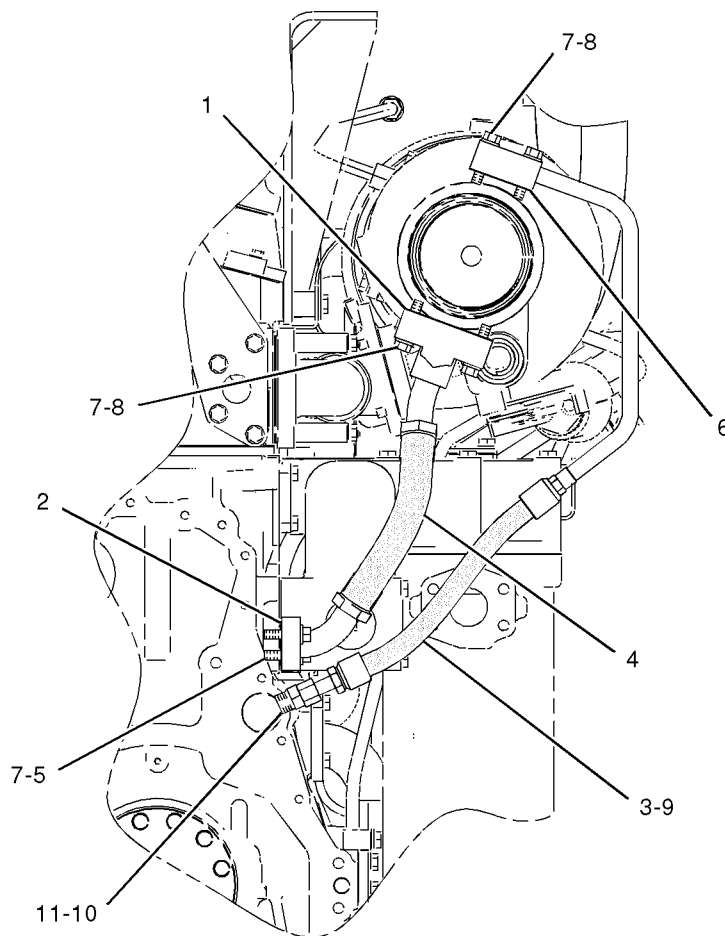
S/N: RHX1-1177

PART OF 225-6065, 225-6106 ENGINE AR-COMplete
FOR USE WITH RH TURBO CONFIGURATION
AN ATTACHMENT

SMCS-1052, 1307

i02047173

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7N-7559	1	GASKET						
	2	1	210-9246	1	SEAL-O-RING						
	3	1	242-3375	1	HOSE AS						
	4	1	242-3376	1	HOSE AS						
	5	1	4L-9337	2	BOLT (3/8-16X1.5-IN)						
	6	1	4P-4460	1	GASKET						
	7	1	5M-2894	6	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	8	1	5S-7383	4	BOLT (3/8-16X1.75-IN)						
	9	1	6V-8397	1	SEAL-O-RING						
	10	1	6V-8634	1	CONNECTOR						
	11	1	8L-2786	1	SEAL-O-RING						



REAR VIEW

<END>

GRAPHIC #1

g01056545

LUBRICATION SYSTEM

235-1054 LINES GP-TURBOCHARGER OIL

S/N: RHX1-UP

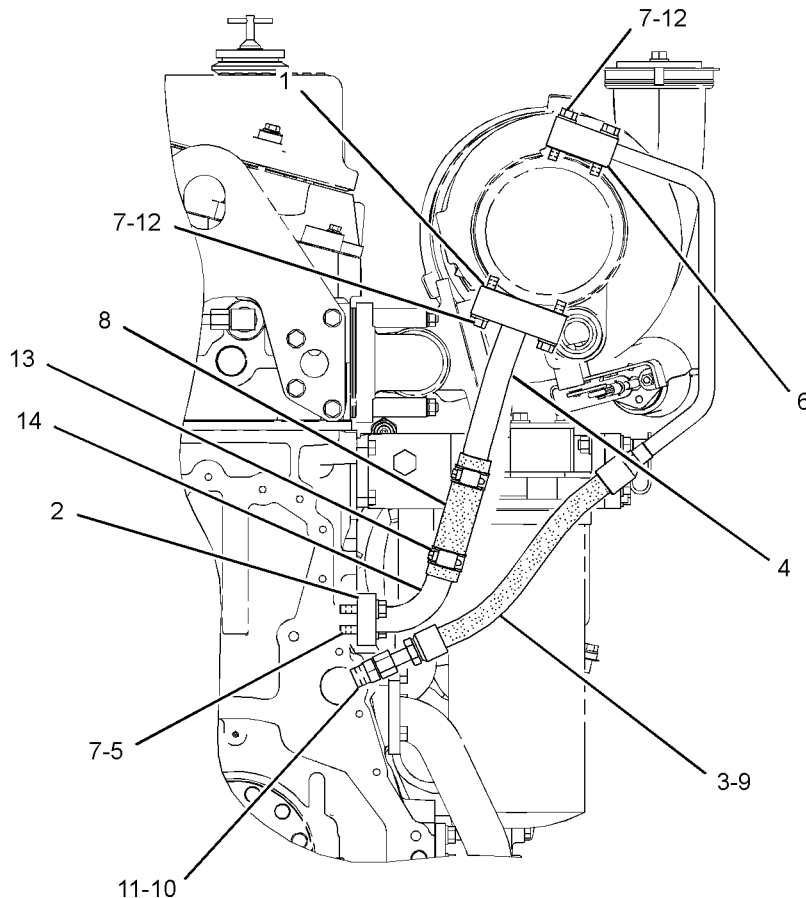
PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMplete
FOR USE WITH RH TURBO CONFIGURATION
AN ATTACHMENT

SMCS-1052, 1307

i03797791

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7N-7559	1	GASKET						
	2	1	210-9246	1	SEAL-O-RING						
	3	1	242-3375	1	HOSE AS						
C	4	1	254-7000	1	TUBE AS-DRAIN						
	5	1	0S-1591	2	BOLT (3/8-16X1.5-IN)						
	6	1	4P-4460	1	GASKET						
	7	1	5M-2894	6	WASHER-HARD (10.2X18.5X2.5-MM THK)						
C	8	1	246-6036	1	HOSE						
	9	1	228-7089	1	SEAL-O-RING						
	10	1	6V-8634	1	CONNECTOR						
	11	1	238-5080	1	SEAL-O-RING						
C	12	1	0S-1571	4	BOLT (3/8-16X1.75-IN)						
C	13	1	284-3502	2	CLAMP-BAND						
C	14	1	254-6999	1	TUBE AS-DRAIN						

C-CHANGE FROM PREVIOUS TYPE



REAR VIEW

<END>

GRAPHIC #1

g02055293

LUBRICATION SYSTEM

114-5198 OIL CHANGE GP-HIGH SPEED

S/N: BXY1-2552

AN ATTACHMENT

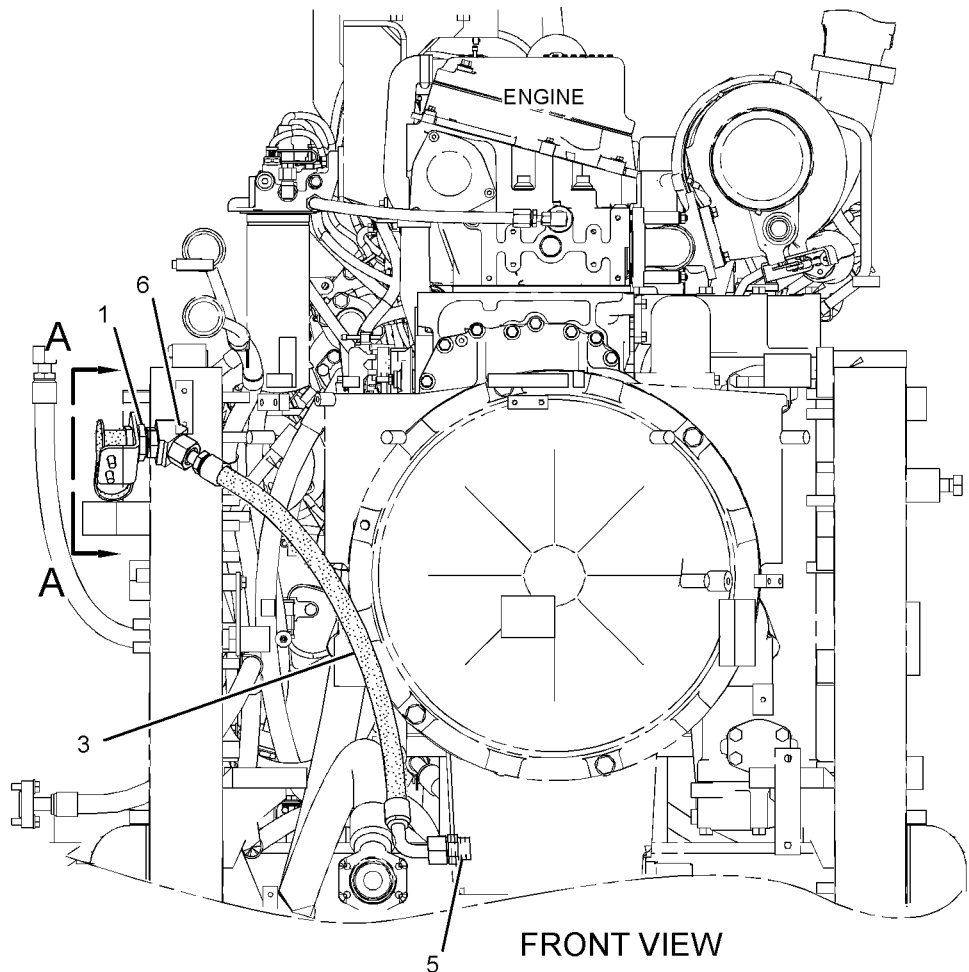
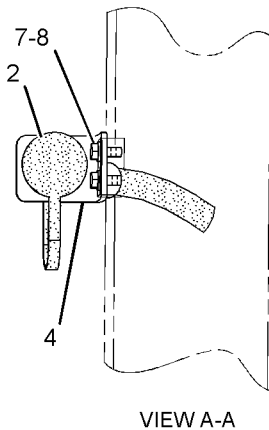
SMCS-1325

i02380629

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2V-2043	1	NUT-BULKHEAD (1-5/8-12-THD)						
	2	1	110-8827	1	FITTING (QUICK DISCONNECT, MALE)						
		1	110-8826	1	CAP-DUST						
I	3	1	157-4428	1	HOSE AS						
	4	1	169-3295	1	BRACKET						
	5	1	148-8335	1	CONNECTOR AS						
		1	5K-9090	1	SEAL-O-RING						
		1	6V-8635	1	CONNECTOR						
		1	7M-8485	1	SEAL-O-RING						
	6	1	148-8355	1	ELBOW AS						
		1	5K-9090	1	SEAL-O-RING						
		1	6V-9005	1	ELBOW						
		1	7M-8485	1	SEAL-O-RING						
	7	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
M	8	1	8T-4136	2	BOLT (M10X1.5X25-MM)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM

M-METRIC PART



GRAPHIC #1

<END>

g01189864

LUBRICATION SYSTEM

114-5198 OIL CHANGE GP-HIGH SPEED

S/N: BXY2553-UP

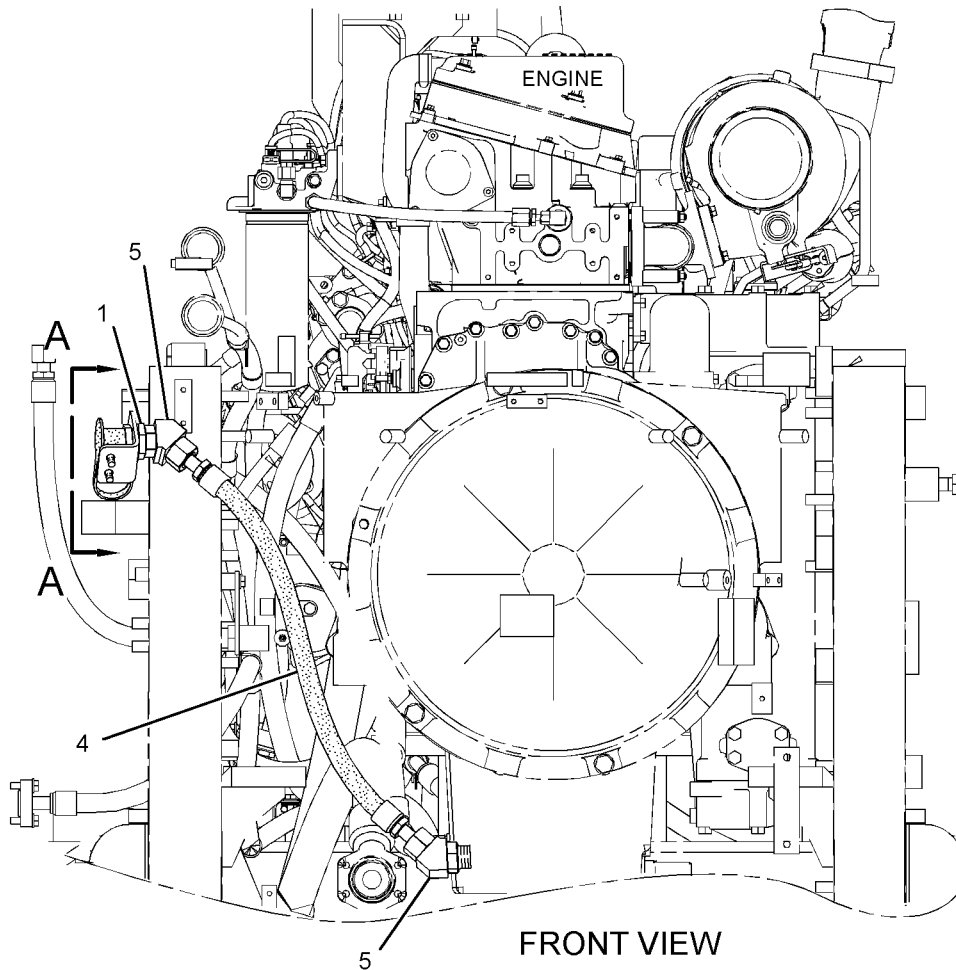
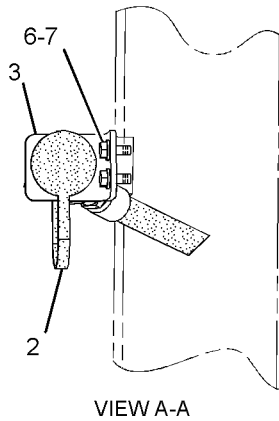
PART OF 352-8272, 352-8273, 352-8274 OPTION AR
AN ATTACHMENT

SMCS-1325

i03155642

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2V-2043	1	NUT-BULKHEAD (1-5/8-12-THD)						
	2	1	110-8827	1	FITTING (QUICK DISCONNECT, MALE)						
	3	1	169-3295	1	BRACKET						
CI	4	1	330-3715	1	HOSE AS						
C	5	1	148-8355	2	ELBOW AS						
					(EACH INCLUDES)						
		1	5K-9090	1	SEAL-O-RING						
		1	6V-9005	1	ELBOW						
		1	7M-8485	1	SEAL-O-RING						
	6	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
M	7	1	8T-4136	2	BOLT (M10X1.5X25-MM)						

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



GRAPHIC #1

<END>

g01625281

LUBRICATION SYSTEM

161-4113 PUMP GP-ENGINE OIL*R

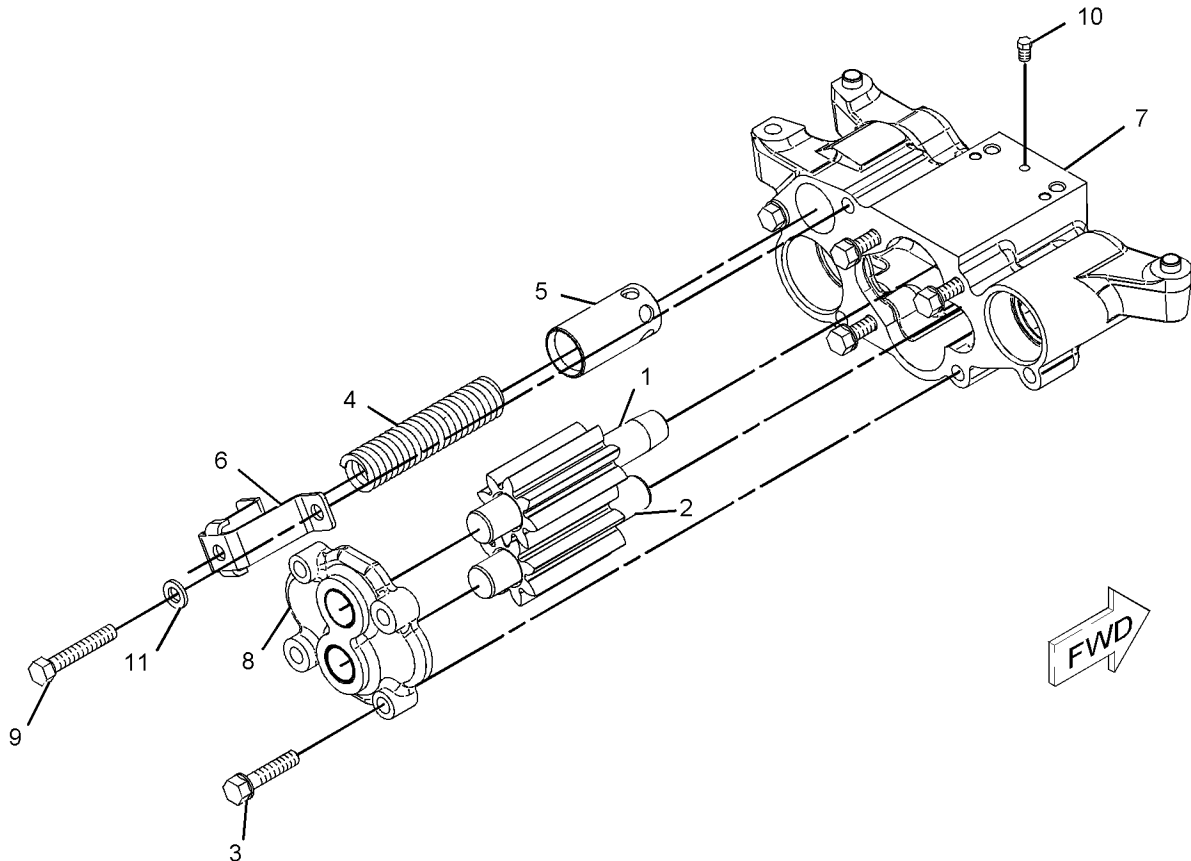
S/N: RHX1-UP

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMPLETE
AN ATTACHMENT

SMCS-1304, 1315

i03709503

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1W-7238	1	SHAFT AS-PUMP DRIVE (8-TEETH)						
	2	1	1W-7239	1	SHAFT AS-IDLER (8-TEETH)						
	3	1	2P-3205	4	BOLT-WASHER HEAD (3/8-16X1.75-IN)						
	4	1	2S-2760	1	SPRING						
	5	1	6N-1931	1	PLUNGER						
	6	1	9Y-1792	1	RETAINER						
	7	1	235-1587	1	BODY AS						
		1	7N-2156	2	BEARING-SLEEVE						
		1	8M-8489	2	DOWEL						
	8	1	127-6356	1	COVER AS-PUMP						
		1	8S-6511	2	BEARING-SLEEVE						
	9	1	1M-0644	2	BOLT (3/8-16X2.25-IN)						
	10	1	2S-7905	1	PLUG-PIPE						
	11	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						



GRAPHIC #1

<END>

g01066948

COOLING SYSTEM

225-6725 COOLING AR-STANDARD AMBIENT TEMPERATURE

S/N: BXY1-UP

CANNOT BE USED WITH 226-1954-PAGE 158, 226-1956-PAGE 158
AN ATTACHMENT

SMCS-1350, 1353, 1355, 1374, 1375, 1378,
1386, 1387, 5057

i02304425

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	268-1961	1	EXTENSION	GP-EXHAUST					206
Y	228-0376	1	PUMP & MTG	GP-HYDRAULIC	FAN				1543
			(STD, MID	RANGE	AMBIENT	TEMP)			
Y	224-9456	1	RADIATOR	GP					190
Y-SEPARATE ILLUSTRATION									

<END>

226-1954 COOLING AR-MID RANGE AMBIENT TEMPERATURE

S/N: BXY1-UP

CANNOT BE USED WITH 226-1956-PAGE 158, 225-6725-PAGE 158
AN ATTACHMENT

SMCS-1350, 1353, 1355, 1374, 1375, 1378,
1386, 1387, 5057

i02304426

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	268-1961	1	EXTENSION GP-EXHAUST						206
Y	228-0376	1	PUMP & MTG GP-HYDRAULIC FAN (STD, MID RANGE AMBIENT TEMP)						1543
Y	225-6333	1	RADIATOR GP (MID RANGE, HIGH AMBIENT TEMP)						194
Y-SEPARATE ILLUSTRATION									

<END>

226-1956 COOLING AR-HIGH AMBIENT TEMP

S/N: BXY1-UP

CANNOT BE USED WITH 225-6725-PAGE 158, 226-1954-PAGE 158
AN ATTACHMENT

SMCS-1350, 1353, 1386, 1387, 5057

i02320115

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	242-5177	1	DEFLECTOR GP-HOOD (AIR EJECTOR)						908
Y	268-1960	1	EXTENSION GP-EXHAUST						205
Y	226-1957	1	PUMP & MTG GP-HYDRAULIC FAN (HIGH AMBIENT TEMPERATURE)						1542
Y	225-6333	1	RADIATOR GP (MID RANGE, HIGH AMBIENT TEMP)						194
Y-SEPARATE ILLUSTRATION									

<END>

COOLING SYSTEM

160-5760 FAN & BAFFLE GP

S/N: BXY1-UP

PART OF 225-5432 CHASSIS AR
TYPE 1

SMCS-1356, 1806

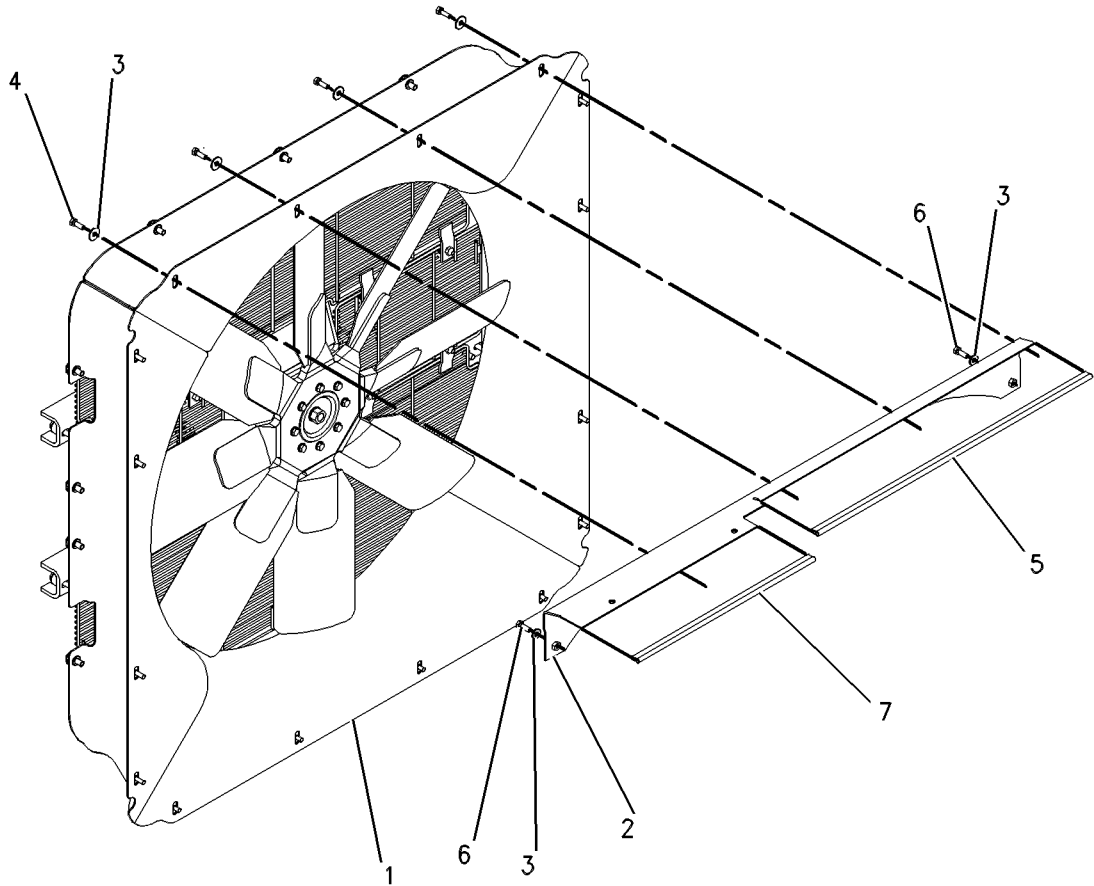
i01563699

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
Y	1	1	114-5175	1	FAN GP-SUCTION	161
	2	1	154-4475	1	BAFFLE AS	
M		1	8T-3490	8	NUT-WELD (M10X1.5-THD)	
M	3	1	8T-4195	6	BOLT (M10X1.5X30-MM)	
	4	1	8T-4222	4	WASHER-PLATED (11X32X2.5-MM THK)	
D	5	1	5P-7211		SEAL (.896M)	
	6	1	7X-7729	2	WASHER (11X25X3-MM THK)	
D	7	1	5P-7211		SEAL (.568M)	

D-ORDER BY THE METER

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00655639

COOLING SYSTEM

160-5760 FAN & BAFFLE GP

S/N: BXY1-UP

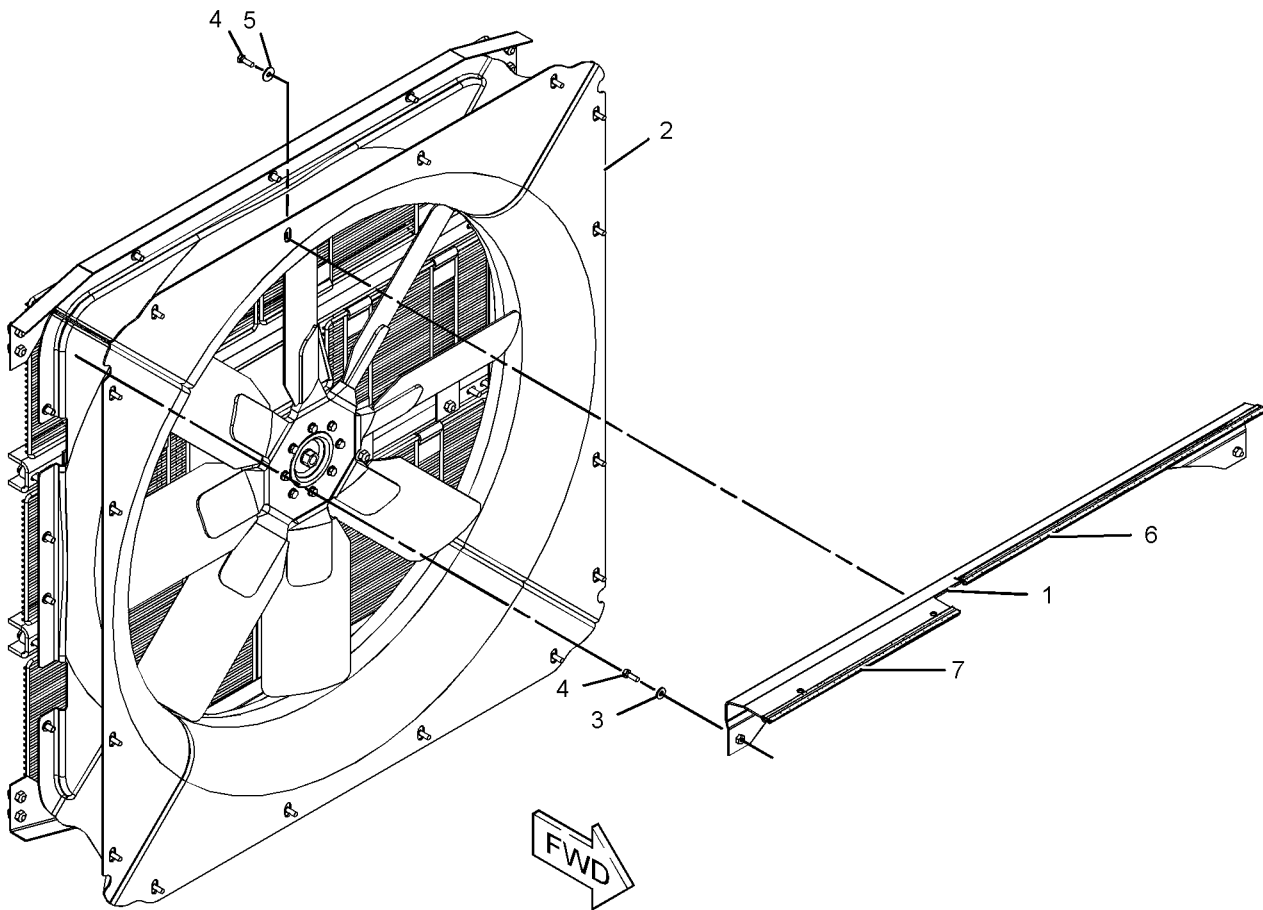
PART OF 225-5432, 284-2735 CHASSIS AR
TYPE 2

SMCS-1356, 1806

i02403251

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	154-4475	1	BAFFLE AS	
M		1	8T-3490	8	NUT-WELD (M10X1.5-THD)	
CY	2	1	271-5160	1	FAN GP-SUCTION	164
	3	1	7X-7729	2	WASHER (11X25X3-MM THK)	
M	4	1	8T-4195	6	BOLT (M10X1.5X30-MM)	
	5	1	8T-4222	4	WASHER-PLATED (11X32X2.5-MM THK)	
D	6	1	5P-7211		SEAL (0.896-M)	
D	7	1	5P-7211		SEAL (0.568-M)	

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



GRAPHIC #1

<END>

g01199691

COOLING SYSTEM

114-5175 FAN GP-SUCTION

S/N: BXY1-UP

PART OF 160-5760 FAN & BAFFLE GP

SMCS-1356

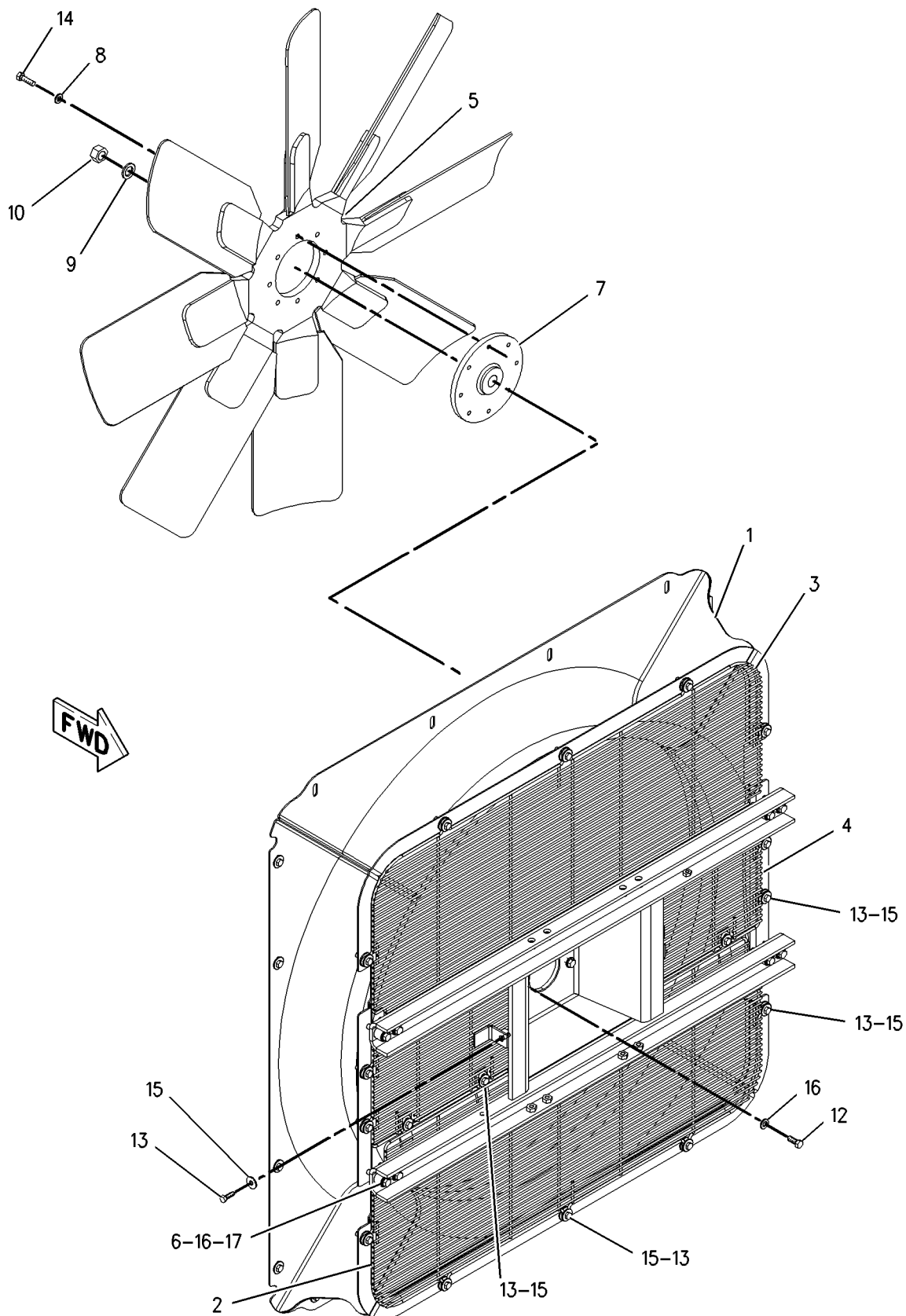
i01470847

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	131-7812	1	SHROUD AS-FAN						
	2	1	140-8949	1	SUPPORT AS						
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)						
M		1	8T-3597	8	NUT-WELD (M12X1.75-THD)						
	3	1	140-9859	2	GUARD AS-FAN						
					(EACH INCLUDES)						
M		1	8T-3490	4	NUT-WELD (M10X1.5-THD)						
	4	1	140-9860	2	GUARD AS-FAN						
	5	1	142-0811	1	SPIDER AS-FAN (8-BLADE)						
	6	1	146-5067	8	SPACER (13X30X22.2-MM THK)						
	7	1	167-1335	1	ADAPTER-FAN						
	8	1	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)						
	9	1	8T-4123	1	WASHER (22X35X3.5-MM THK)						
M	10	1	8T-4131	1	NUT (M20X2.5-THD)						
M	12	1	8T-4139	2	BOLT (M12X1.75X30-MM)						
M	13	1	8T-4195	36	BOLT (M10X1.5X30-MM)						
M	14	1	8T-4196	8	BOLT (M10X1.5X35-MM)						
	15	1	8T-4222	36	WASHER-PLATED (11X32X2.5-MM THK)						
	16	1	8T-4223	10	WASHER-HARD (13.5X25.5X3-MM THK)						
M	17	1	8T-4910	8	BOLT (M12X1.75X60-MM)						
M-METRIC PART											

COOLING SYSTEM

114-5175 FAN GP-SUCTION (contd.)

i01470847



GRAPHIC #1

<END>

g00767205

COOLING SYSTEM

138-2239 FAN GP-SUCTION-AXLE OIL COOLER

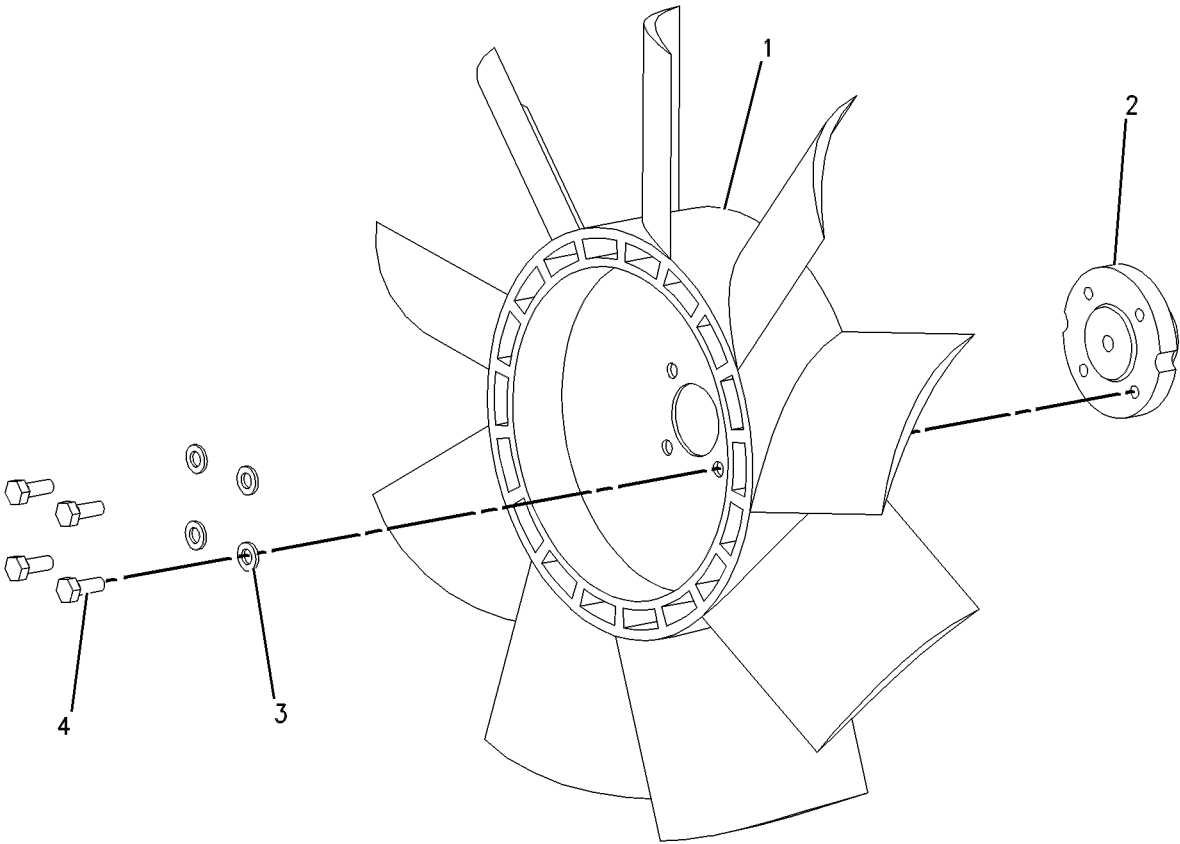
S/N: BXY1-UP

PART OF 257-7815 COOLER & FAN GP-AXLE OIL
AN ATTACHMENT

SMCS-1356

i02387625

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	138-2240	1	FAN AS (9-BLADE)						
	2	1	142-8870	1	ADAPTER						
	3	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)						
M	4	1	8T-4189	4	BOLT (M8X1.25X20-MM)						
M-METRIC PART											



GRAPHIC #1

<END>

g00523770

COOLING SYSTEM

271-5160 FAN GP-SUCTION

S/N: BXY1-UP

PART OF 160-5760 FAN & BAFFLE GP

SMCS-1356

i02674385

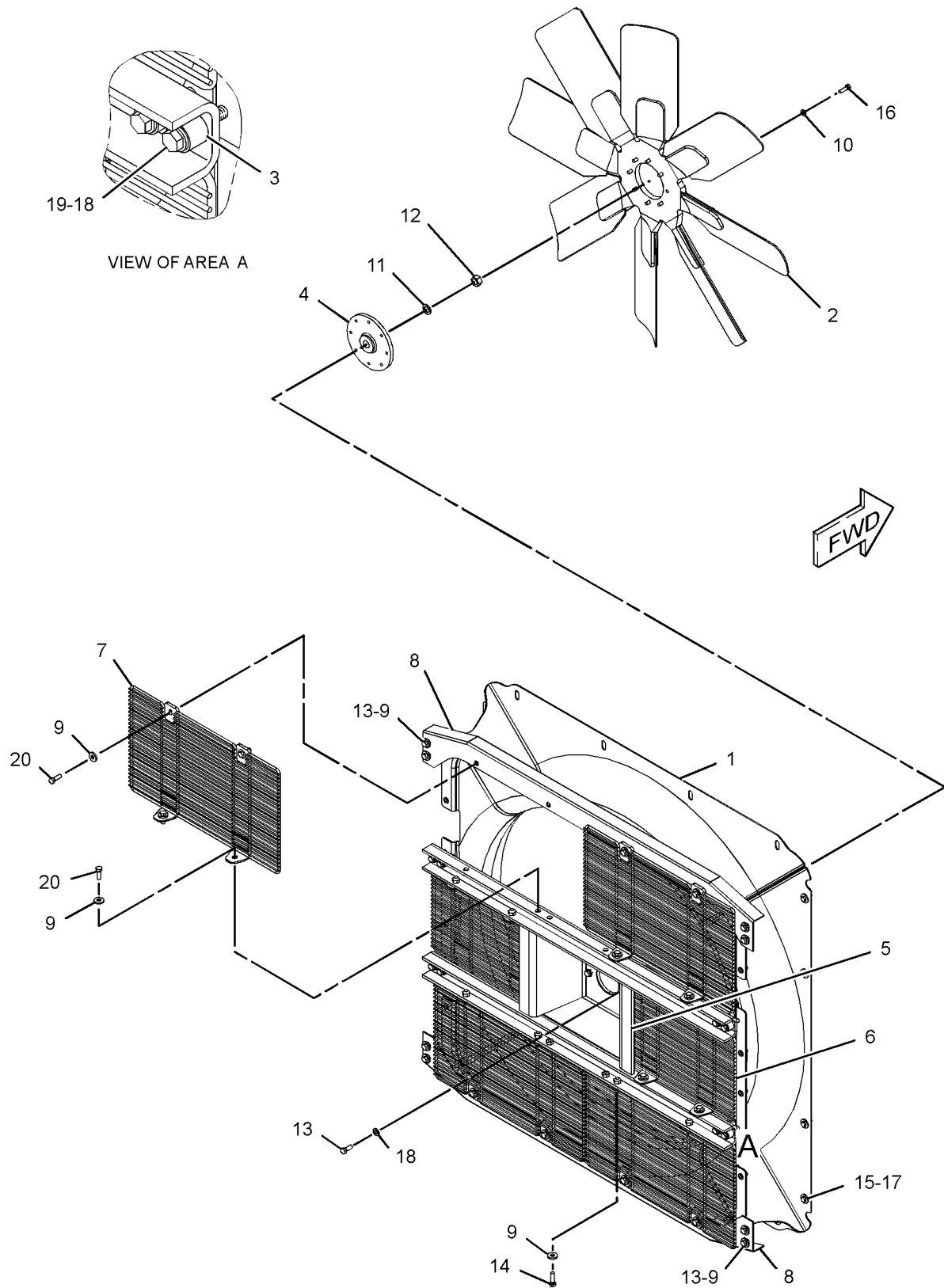
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	131-7812	1	SHROUD AS-FAN						
	2	1	142-0811	1	SPIDER AS-FAN (8-BLADE)						
	3	1	146-5067	8	SPACER (13X30X22.2-MM THK)						
	4	1	167-1335	1	ADAPTER-FAN						
	5	1	271-5562	1	SUPPORT AS						
M		1	8T-3597	16	NUT-WELD (M12X1.75-THD)						
	6	1	271-5563	2	GUARD AS-FAN						
					(EACH INCLUDES)						
M		1	8T-3597	2	NUT-WELD (M12X1.75-THD)						
	7	1	271-5564	4	GUARD AS-FAN						
	8	1	271-5565	2	SUPPORT AS						
					(EACH INCLUDES)						
M		1	8T-3597	8	NUT-WELD (M12X1.75-THD)						
	9	1	7X-0550	32	WASHER-HARD (13.5X32X5-MM THK)						
	10	1	198-4777	8	WASHER-HARD (11X25X10-MM THK)						
	11	1	8T-4123	1	WASHER (22X35X3.5-MM THK)						
M	12	1	8T-4131	1	NUT (M20X2.5-THD)						
M	13	1	8T-4139	10	BOLT (M12X1.75X30-MM)						
M	14	1	8T-4183	2	BOLT (M12X1.75X40-MM)						
M	15	1	8T-4195	12	BOLT (M10X1.5X30-MM)						
M	16	1	8T-4186	8	BOLT (M10X1.5X40-MM)						
	17	1	8T-4222	12	WASHER-PLATED (11X32X2.5-MM THK)						
	18	1	8T-4223	10	WASHER-HARD (13.5X25.5X3-MM THK)						
M	19	1	8T-4910	8	BOLT (M12X1.75X60-MM)						
M	20	1	8T-4956	22	BOLT (M12X1.75X35-MM)						

M-METRIC PART

COOLING SYSTEM

271-5160 FAN GP-SUCTION (contd.)

i02674385



GRAPHIC #1

<END>

g01184003

COOLING SYSTEM

109-2373 FASTENER GP-WATER PUMP

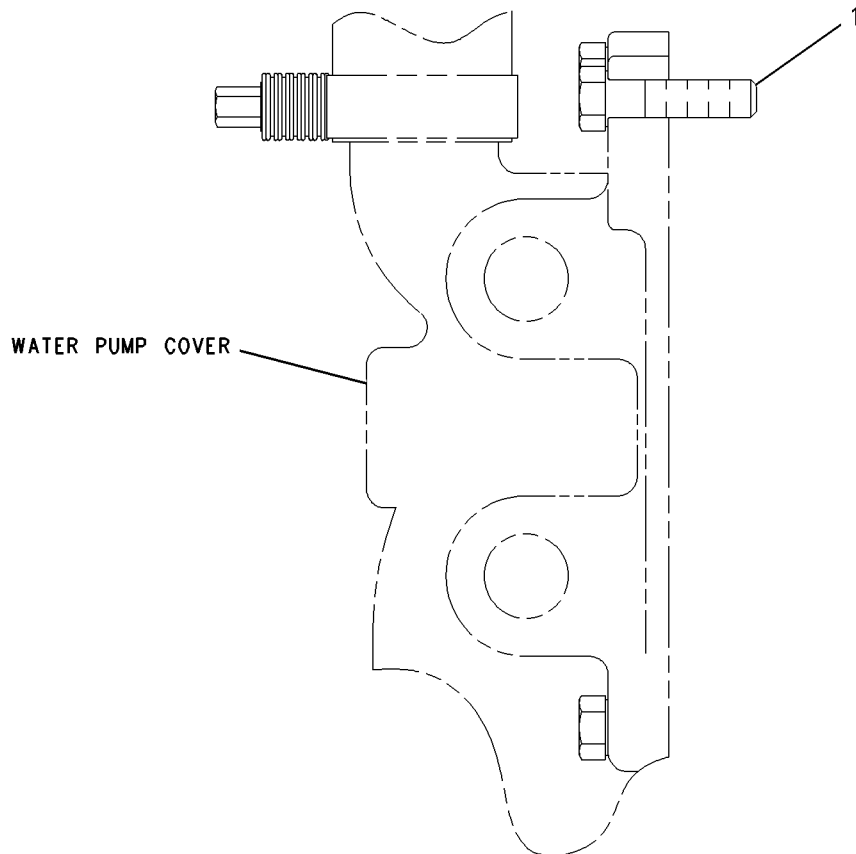
S/N: RHX1-UP

FOR USE WHEN ALTERNATOR MOUNTING BRACKET IS NOT INSTALLED
PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMplete
CANNOT BE USED WITH RH FRONT OIL GUIDE
AN ATTACHMENT

SMCS-1361

i02332393

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	0S-1591	1	BOLT (3/8-16X1.5-IN)						



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g00832155

COOLING SYSTEM

225-6319 LINES GP-WATER-RADIATOR

S/N: BXY1-2170

PART OF 225-5432, 284-2735 CHASSIS AR

SMCS-1380

i03570429

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
E	1	1	5P-1265	2	HOSE (17.78-CM)						
	2	1	3S-2093	5	STRAP-CABLE						
	3	1	244-6626	2	HOSE						
I	4	1	4E-9271	1	HOSE AS						
	5	1	6B-6205	1	SPACER (0.438X0.875X1.281-IN THK)						
	6	1	6L-8617	1	CAP-PRESSURE (7-PSI) (RADIATOR)						
E	7	1	5P-1259	1	HOSE (23-CM)						
	8	1	6S-8620	2	CLAMP-HOSE						
I	9	1	7T-1159	1	HOSE AS						
	11	1	171-6731	2	CONNECTOR AS						
					(EACH INCLUDES)						
		1	6V-8398	1	SEAL-O-RING						
		1	8C-6871	1	CONNECTOR						
	12	1	9M-7958	4	CLAMP-HOSE						
	13	1	9Y-9236	1	GAUGE-SIGHT						
	14	1	061-7208	1	CLAMP-TUBE						
	15	1	122-4026	1	SPACER (13X25X25-MM THK)						
	16	1	135-6928	1	ANGLE AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
Y	17	1	148-7919	1	VALVE GP-RADIATOR DRAIN						198
I	18	1	152-3832	1	HOSE AS						
	19	1	161-9903	1	TANK AS-RADIATOR TOP						
I	20	1	164-8911	1	HOSE AS						
	21	1	180-9267	1	TUBE AS						
	22	1	209-4580	4	CLAMP						
	23	1	212-6933	2	CLAMP						
	24	1	225-6320	1	TUBE AS						
	25	1	234-5132	1	TUBE AS						
	26	1	148-8316	2	CONNECTOR AS						
					(EACH INCLUDES)						
		1	3J-7354	1	SEAL-O-RING						
		1	4J-5477	1	SEAL-O-RING						
		1	6V-8647	1	CONNECTOR						
	27	1	150-4029	1	TEE AS						
		1	3J-7354	1	SEAL-O-RING						
		1	4J-5477	2	SEAL-O-RING						
		1	6V-8780	1	TEE-FACE SEAL						
	28	1	209-4573	4	CLAMP-V BAND						
	29	1	2S-1647	1	GROMMET						
	30	1	3E-6753	1	GROMMET						
	31	1	3S-8665	1	CLIP						
	32	1	4D-7388	3	CLIP						
	34	1	5P-1076	1	WASHER-HARD (13.5X30X4-MM THK)						
	35	1	5P-2228	1	BOLT (1/2-13X1-IN)						
	36	1	6D-3479	1	CLIP						
	37	1	6V-8398	2	SEAL-O-RING						
	38	1	7M-8485	1	SEAL-O-RING						
	39	1	7X-7729	1	WASHER (11X25X3-MM THK)						
	40	1	8K-1433	1	GROMMET						
	41	1	8T-4121	12	WASHER-HARD (11X21X2.5-MM THK)						
M	42	1	8T-4136	4	BOLT (M10X1.5X25-MM)						
M	43	1	8T-4137	1	BOLT (M10X1.5X20-MM)						
M	44	1	8T-4195	6	BOLT (M10X1.5X30-MM)						
M	45	1	8T-6466	2	BOLT (M10X1.5X60-MM)						
E	46	1	9X-2133		HOSE (55-CM)						
E	47	1	7Y-1976		HOSE-WATER (180-CM)						

COOLING SYSTEM

225-6319 LINES GP-WATER (contd.)

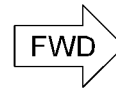
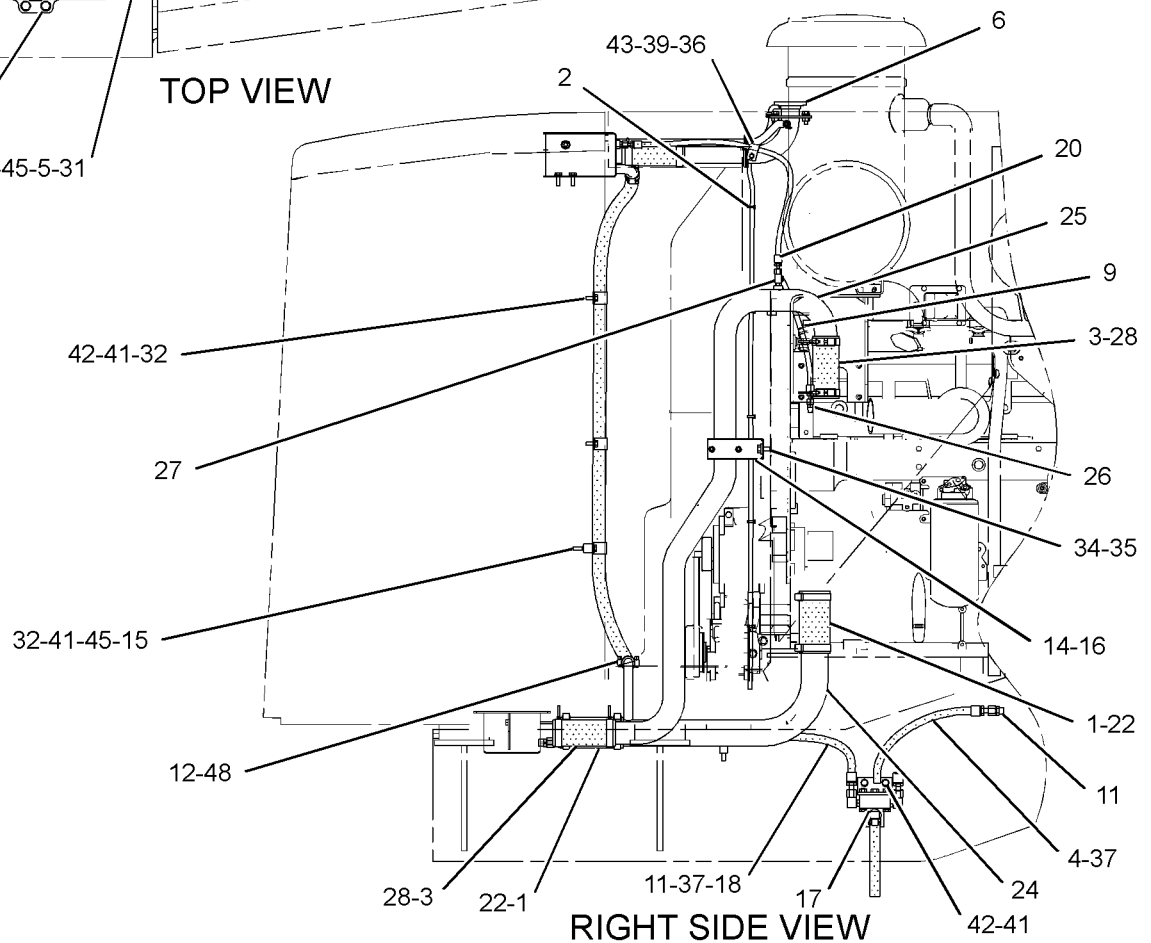
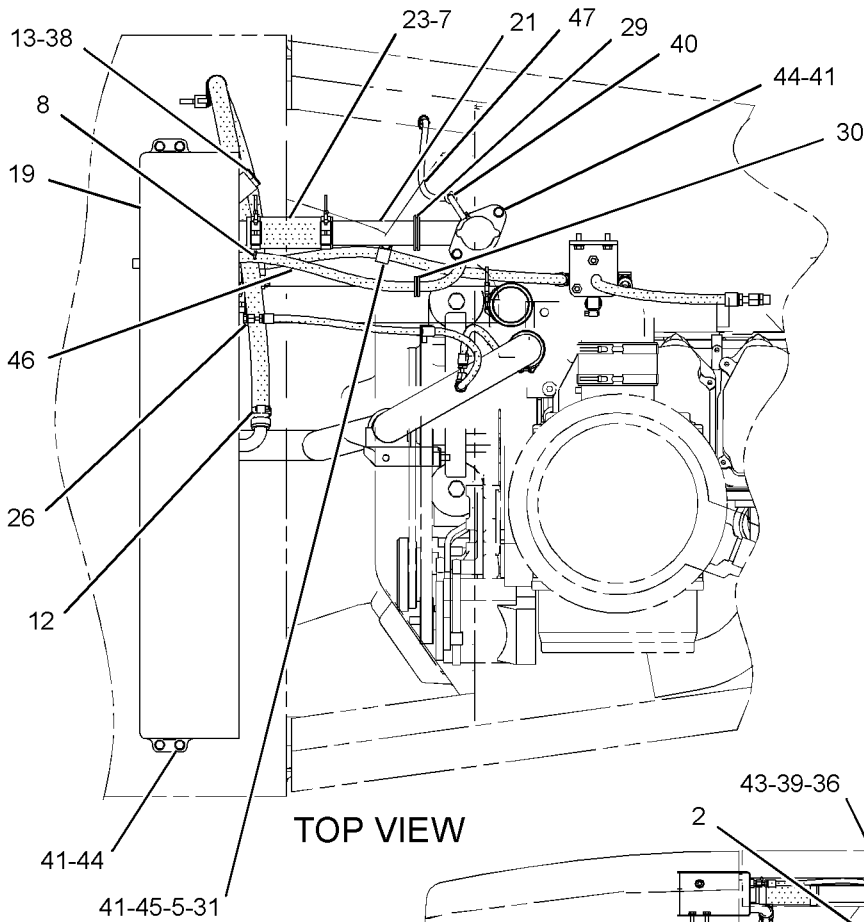
i03570429

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
E	48	1	5P-1251		HOSE (223-CM)						
E-ORDER BY THE CENTIMETER											
I-REFER TO HYDRAULIC INFORMATION SYSTEM											
M-METRIC PART											
Y-SEPARATE ILLUSTRATION											

COOLING SYSTEM

225-6319 LINES GP-WATER (contd.)

i03570429



GRAPHIC #1

<END>

g01160798

COOLING SYSTEM

225-6319 LINES GP-WATER-RADIATOR

S/N: BXY2171-2399

PART OF 284-2735 CHASSIS AR

SMCS-1380

i03024587

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
BE	1	1	5P-1265	2	HOSE	198
	2	1	3S-2093	5	STRAP-CABLE	
BE	3	1	244-6626	2	HOSE	
I	4	1	297-2873	1	HOSE AS	
	5	1	6B-6205	1	SPACER (0.438X0.875X1.281-IN THK)	
	6	1	6L-8617	1	CAP-PRESSURE (7-PSI) (RADIATOR)	
CE	7	1	5P-1259		HOSE (23-CM)	
	8	1	6S-8620	2	CLAMP-HOSE	
I	9	1	319-2833	1	HOSE AS	
	11	1	171-6731	1	CONNECTOR AS	
		1	6V-8398	1	SEAL-O-RING	
		1	8C-6871	1	CONNECTOR	
C	12	1	284-3502	2	CLAMP-BAND	
	13	1	9Y-9236	1	GAUGE-SIGHT	
	14	1	061-7208	1	CLAMP-TUBE	
	16	1	135-6928	1	ANGLE AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
Y	17	1	148-7919	1	VALVE GP-RADIATOR DRAIN	
CI	18	1	8X-6973	1	HOSE AS	
	19	1	161-9903	1	TANK AS-RADIATOR TOP	
I	20	1	164-8911	1	HOSE AS	
	21	1	180-9267	1	TUBE AS	
	22	1	209-4580	4	CLAMP	
	23	1	217-6885	2	CLAMP	
	24	1	225-6320	1	TUBE AS	
	25	1	234-5132	1	TUBE AS	
	26	1	148-8316	1	CONNECTOR AS	
		1	3J-7354	1	SEAL-O-RING	
		1	4J-5477	1	SEAL-O-RING	
		1	6V-8647	1	CONNECTOR	
	27	1	150-4029	1	TEE AS	
		1	3J-7354	1	SEAL-O-RING	
		1	4J-5477	2	SEAL-O-RING	
		1	6V-8780	1	TEE-FACE SEAL	
	28	1	209-4573	4	CLAMP-V BAND	
	29	1	2S-1647	1	GROMMET	
	30	1	3E-6753	1	GROMMET	
	31	1	3S-8665	1	CLIP	
	32	1	4D-7388	3	CLIP	
	34	1	5P-1076	1	WASHER-HARD (13.5X30X4-MM THK)	
	35	1	5P-2228	1	BOLT (1/2-13X1-IN)	
	36	1	6D-3479	1	CLIP	
	37	1	6V-8398	2	SEAL-O-RING	
	38	1	7M-8485	1	SEAL-O-RING	
	39	1	7X-7729	1	WASHER (11X25X3-MM THK)	
	40	1	8K-1433	1	GROMMET	
	41	1	8T-4121	12	WASHER-HARD (11X21X2.5-MM THK)	
CM	42	1	8T-4136	5	BOLT (M10X1.5X25-MM)	
M	43	1	8T-4137	1	BOLT (M10X1.5X20-MM)	
M	44	1	8T-4195	6	BOLT (M10X1.5X30-MM)	
CM	45	1	8T-6466	1	BOLT (M10X1.5X60-MM)	
E	46	1	9X-2133		HOSE (55-CM)	
E	47	1	7Y-1976		HOSE-WATER (180-CM)	
E	48	1	5P-1251		HOSE (223-CM)	
	49	1	148-8340	1	CONNECTOR AS	
		1	3K-0360	1	SEAL-O-RING	

COOLING SYSTEM

225-6319 LINES GP-WATER (contd.)

i03024587

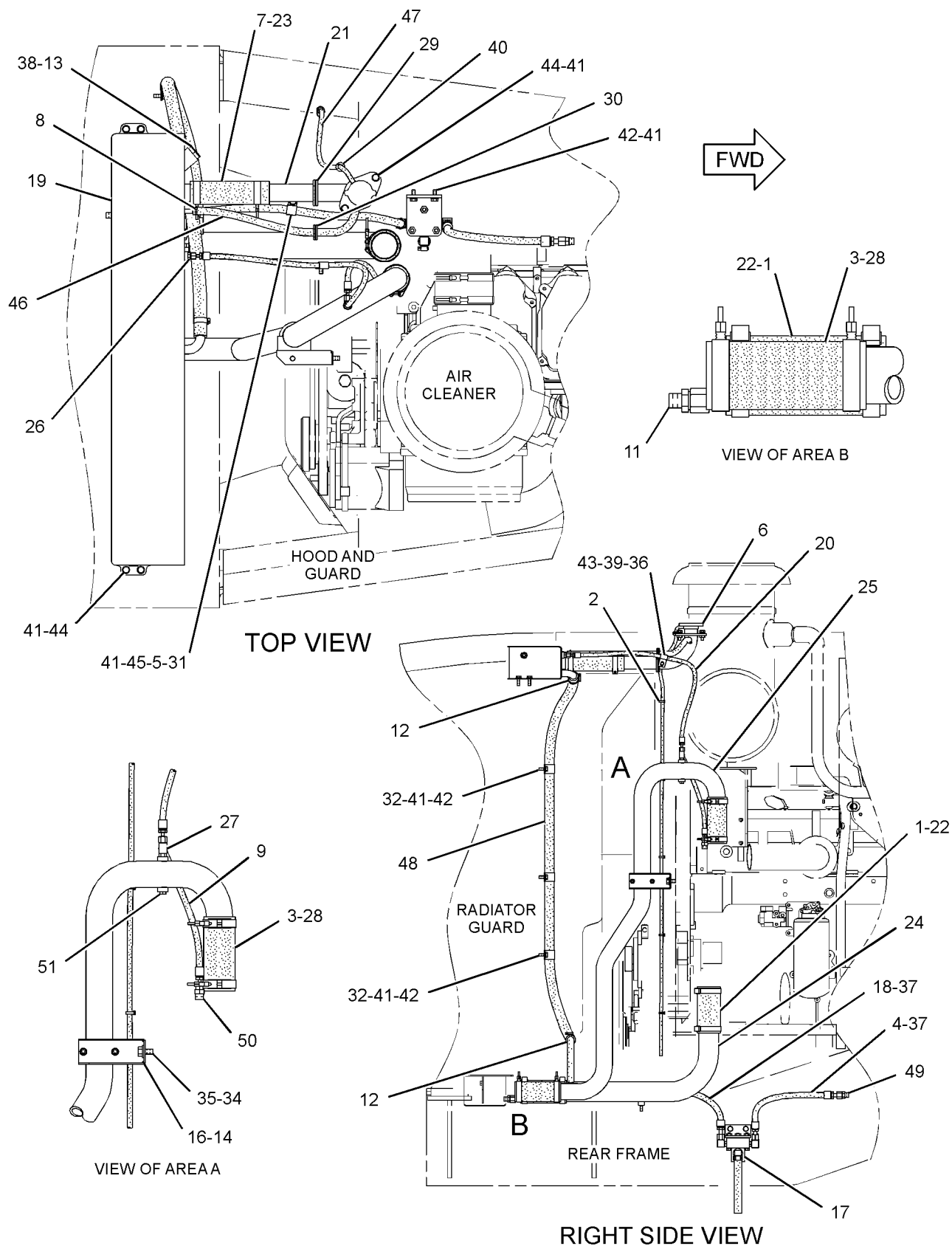
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	6V-8398	1	SEAL-O-RING						
		1	6V-8639	1	CONNECTOR						
	50	1	154-5232	1	ADAPTER AS						
		1	3K-0360	1	SEAL-O-RING						
		1	4J-5477	1	SEAL-O-RING						
		1	8Q-2118	1	ADAPTER						
	51	1	155-3624	1	PLUG AS						
		1	3J-7354	1	SEAL-O-RING						
		1	9S-4182	1	PLUG-O-RING						

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

COOLING SYSTEM

225-6319 LINES GP-WATER (contd.)

i03024587



GRAPHIC #1

<END>

g01706856

COOLING SYSTEM

225-6319 LINES GP-WATER-RADIATOR

S/N: BXY2400-3999

PART OF 284-2735 CHASSIS AR

SMCS-1380

i03084343

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
BE	1	1	5P-1265	2	HOSE						
	2	1	3S-2093	5	STRAP-CABLE						
BE	3	1	244-6626	2	HOSE						
I	4	1	297-2873	1	HOSE AS						
	5	1	6B-6205	1	SPACER (0.438X0.875X1.281-IN THK)						
	6	1	6L-8617	1	CAP-PRESSURE (7-PSI) (RADIATOR)						
E	7	1	5P-1259		HOSE (23-CM)						
	8	1	6S-8620	2	CLAMP-HOSE						
	I	9	319-2833	1	HOSE AS						
	11	1	171-6731	1	CONNECTOR AS						
		1	6V-8398	1	SEAL-O-RING						
		1	8C-6871	1	CONNECTOR						
	12	1	284-3502	2	CLAMP-BAND						
	13	1	9Y-9236	1	GAUGE-SIGHT						
	14	1	061-7208	1	CLAMP-TUBE						
	16	1	135-6928	1	ANGLE AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
Y	17	1	148-7919	1	VALVE GP-RADIATOR DRAIN						
I	18	1	8X-6973	1	HOSE AS						
	19	1	161-9903	1	TANK AS-RADIATOR TOP						
I	20	1	164-8911	1	HOSE AS						
	21	1	180-9267	1	TUBE AS						
	22	1	209-4580	4	CLAMP						
	23	1	217-6885	2	CLAMP						
	24	1	225-6320	1	TUBE AS						
	25	1	234-5132	1	TUBE AS						
	26	1	148-8316	1	CONNECTOR AS						
		1	3J-7354	1	SEAL-O-RING						
		1	4J-5477	1	SEAL-O-RING						
		1	6V-8647	1	CONNECTOR						
	27	1	150-4029	1	TEE AS						
		1	3J-7354	1	SEAL-O-RING						
		1	4J-5477	2	SEAL-O-RING						
		1	6V-8780	1	TEE-FACE SEAL						
	28	1	209-4573	4	CLAMP-V BAND						
	29	1	2S-1647	1	GROMMET						
	30	1	3E-6753	1	GROMMET						
	31	1	3S-8665	1	CLIP						
	32	1	4D-7388	3	CLIP						
	34	1	5P-1076	1	WASHER-HARD (13.5X30X4-MM THK)						
	35	1	5P-2228	1	BOLT (1/2-13X1-IN)						
	36	1	6D-3479	1	CLIP						
	37	1	6V-8398	2	SEAL-O-RING						
	38	1	7M-8485	1	SEAL-O-RING						
	39	1	7X-7729	1	WASHER (11X25X3-MM THK)						
	40	1	8K-1433	1	GROMMET						
	41	1	8T-4121	12	WASHER-HARD (11X21X2.5-MM THK)						
M	42	1	8T-4136	5	BOLT (M10X1.5X25-MM)						
M	43	1	8T-4137	1	BOLT (M10X1.5X20-MM)						
M	44	1	8T-4195	6	BOLT (M10X1.5X30-MM)						
M	45	1	8T-6466	1	BOLT (M10X1.5X60-MM)						
E	46	1	9X-2133		HOSE (55-CM)						
E	47	1	7Y-1976		HOSE-WATER (180-CM)						
E	48	1	5P-1251		HOSE (223-CM)						
	49	1	148-8340	1	CONNECTOR AS						
		1	3K-0360	1	SEAL-O-RING						

COOLING SYSTEM

225-6319 LINES GP-WATER (contd.)

i03084343

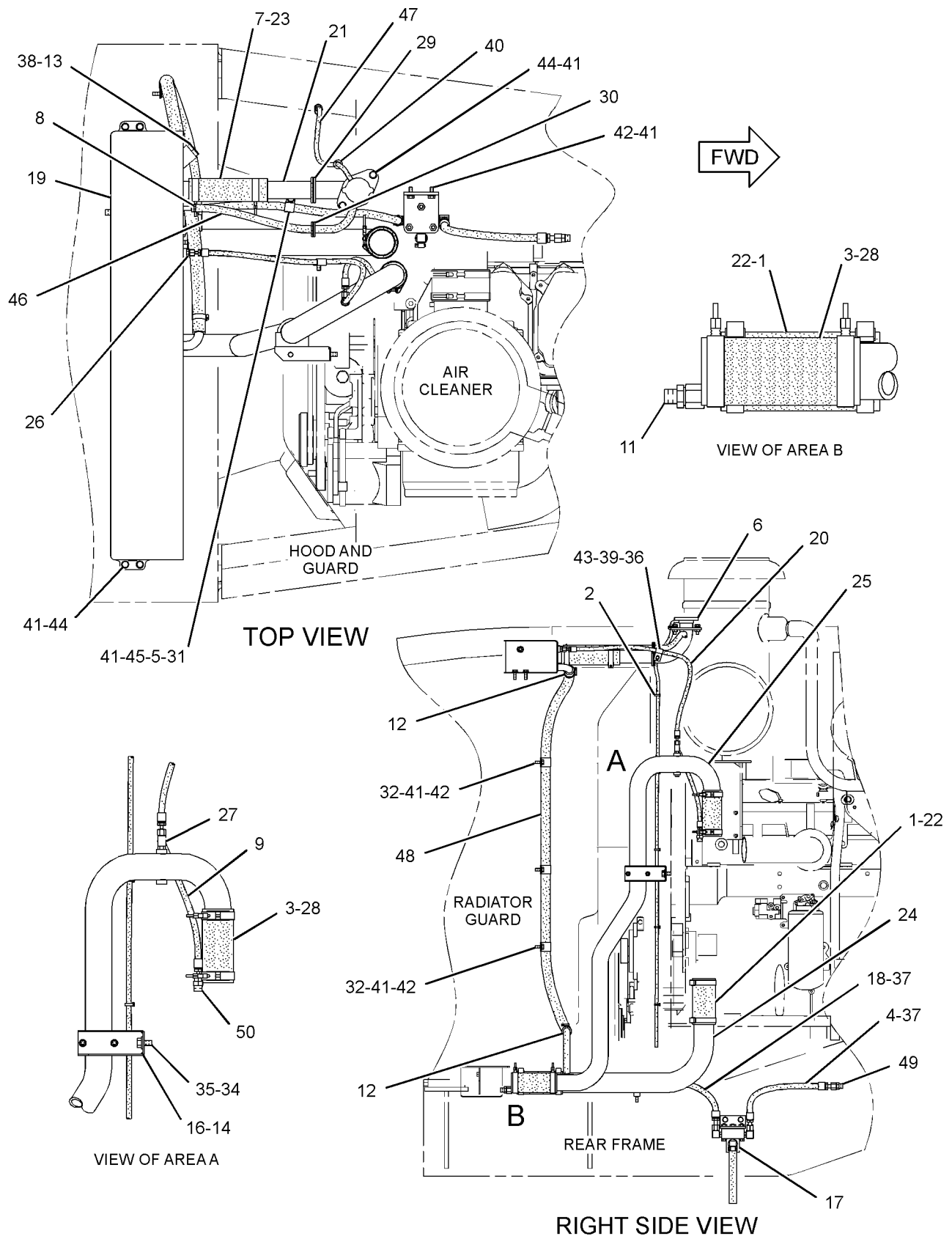
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	6V-8398	1	SEAL-O-RING						
		1	6V-8639	1	CONNECTOR						
	50	1	154-5232	1	ADAPTER AS						
		1	3K-0360	1	SEAL-O-RING						
		1	4J-5477	1	SEAL-O-RING						
		1	8Q-2118	1	ADAPTER						

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

COOLING SYSTEM

225-6319 LINES GP-WATER (contd.)

i03084343



GRAPHIC #1

<END>

g01825393

COOLING SYSTEM

225-6319 LINES GP-WATER-RADIATOR

S/N: BXY4000-UP

PART OF 284-2735 CHASSIS AR

SMCS-1380

i03775916

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
BCE	1	1	351-6538	2	HOSE	
	2	1	3S-2093	5	STRAP-CABLE	
BCE	3	1	351-6537	2	HOSE	
C	4	1	352-3790	1	HOSE AS	
	5	1	6B-6205	1	SPACER (0.438X0.875X1.281-IN THK)	
	6	1	6L-8617	1	CAP-PRESSURE (7-PSI) (RADIATOR)	
CE	7	1	349-6242		HOSE (23-CM)	
C	8	1	262-0494	2	CLAMP	
C	9	1	352-3793	1	HOSE AS	
	11	1	171-6731	1	CONNECTOR AS	
		1	6V-8398	1	SEAL-O-RING	
		1	8C-6871	1	CONNECTOR	
	12	1	284-3502	2	CLAMP-BAND	
	13	1	9Y-9236	1	GAUGE-SIGHT	
	14	1	061-7208	1	CLAMP-TUBE	
	16	1	135-6928	1	ANGLE AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
Y	17	1	148-7919	1	VALVE GP-RADIATOR DRAIN	198
C	18	1	352-3791	1	HOSE AS	
	19	1	161-9903	1	TANK AS-RADIATOR TOP	
C	20	1	352-3792	1	HOSE AS	
	21	1	180-9267	1	TUBE AS	
C	22	1	343-1820	4	CLAMP-BAND	
C	23	1	314-7599	2	CLAMP-BAND	
	24	1	225-6320	1	TUBE AS	
	25	1	234-5132	1	TUBE AS	
	26	1	148-8316	1	CONNECTOR AS	
		1	3J-7354	1	SEAL-O-RING	
		1	4J-5477	1	SEAL-O-RING	
		1	6V-8647	1	CONNECTOR	
	27	1	150-4029	1	TEE AS	
		1	3J-7354	1	SEAL-O-RING	
		1	4J-5477	2	SEAL-O-RING	
		1	6V-8780	1	TEE-FACE SEAL	
C	28	1	347-4165	4	CLAMP-BAND	
	29	1	2S-1647	1	GROMMET	
	30	1	3E-6753	1	GROMMET	
	31	1	3S-8665	1	CLIP	
	32	1	4D-7388	3	CLIP	
	34	1	5P-1076	1	WASHER-HARD (13.5X30X4-MM THK)	
	35	1	5P-2228	1	BOLT (1/2-13X1-IN)	
	36	1	6D-3479	1	CLIP	
	38	1	7M-8485	1	SEAL-O-RING	
	39	1	7X-7729	1	WASHER (11X25X3-MM THK)	
	40	1	8K-1433	1	GROMMET	
	41	1	8T-4121	12	WASHER-HARD (11X21X2.5-MM THK)	
M	42	1	8T-4136	5	BOLT (M10X1.5X25-MM)	
M	43	1	8T-4137	1	BOLT (M10X1.5X20-MM)	
M	44	1	8T-4195	6	BOLT (M10X1.5X30-MM)	
M	45	1	8T-6466	1	BOLT (M10X1.5X60-MM)	
CE	46	1	351-9049		HOSE (55-CM)	
E	47	1	7Y-1976		HOSE-WATER (180-CM)	
CE	48	1	349-6239		HOSE (223-CM)	
	49	1	148-8340	1	CONNECTOR AS	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-8398	1	SEAL-O-RING	

COOLING SYSTEM

225-6319 LINES GP-WATER (contd.)

i03775916

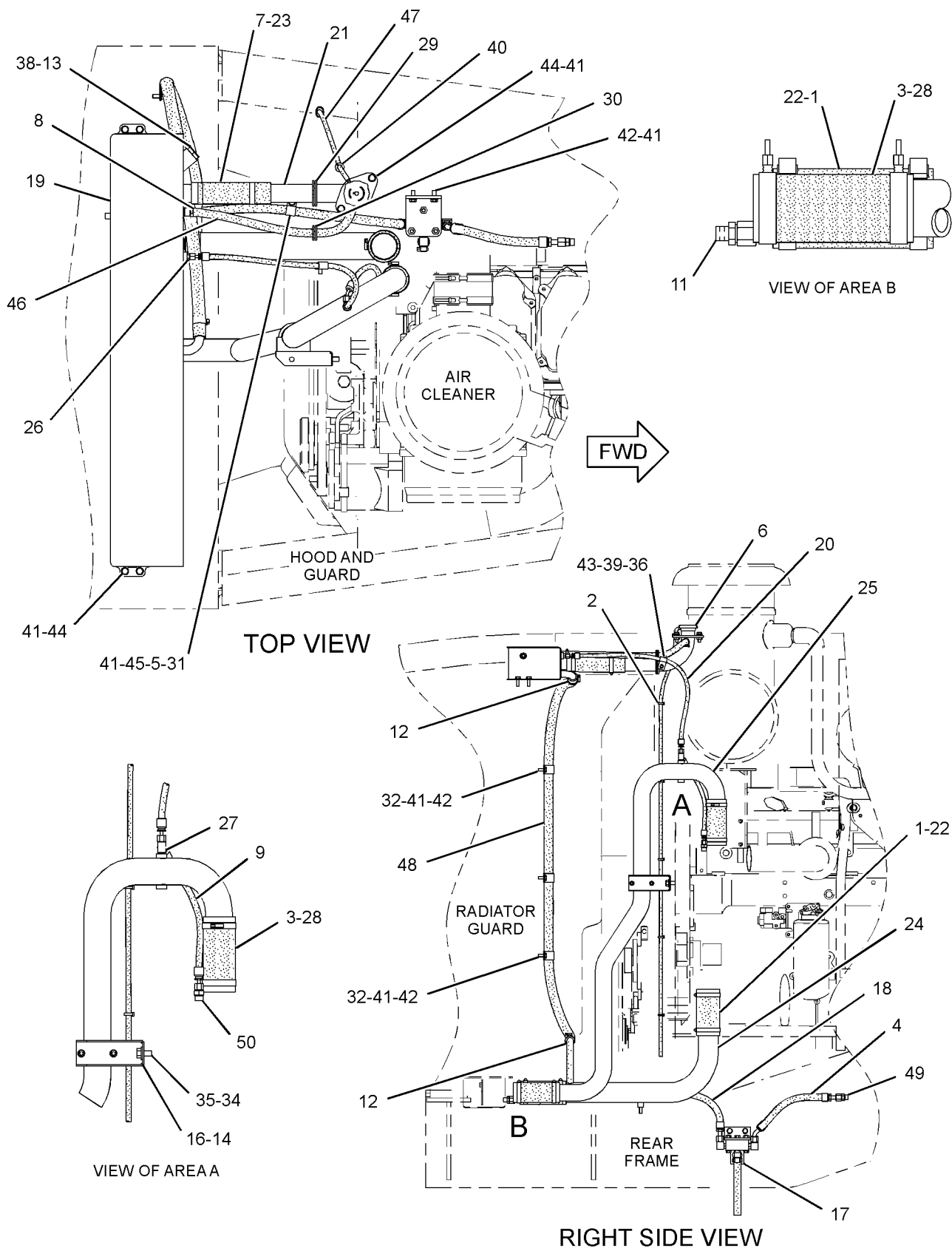
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	6V-8639	1	CONNECTOR						
	50	1	154-5232	1	ADAPTER AS						
		1	3K-0360	1	SEAL-O-RING						
		1	4J-5477	1	SEAL-O-RING						
		1	8Q-2118	1	ADAPTER						

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

COOLING SYSTEM

225-6319 LINES GP-WATER (contd.)

i03775916



GRAPHIC #1

<END>

g02056398

COOLING SYSTEM

227-4564 LINES GP-WATER-ENGINE

S/N: RHX1-UP

PART OF 225-6065, 225-6106 ENGINE AR-COMPLETE
AN ATTACHMENT

SMCS-1380

i03438522

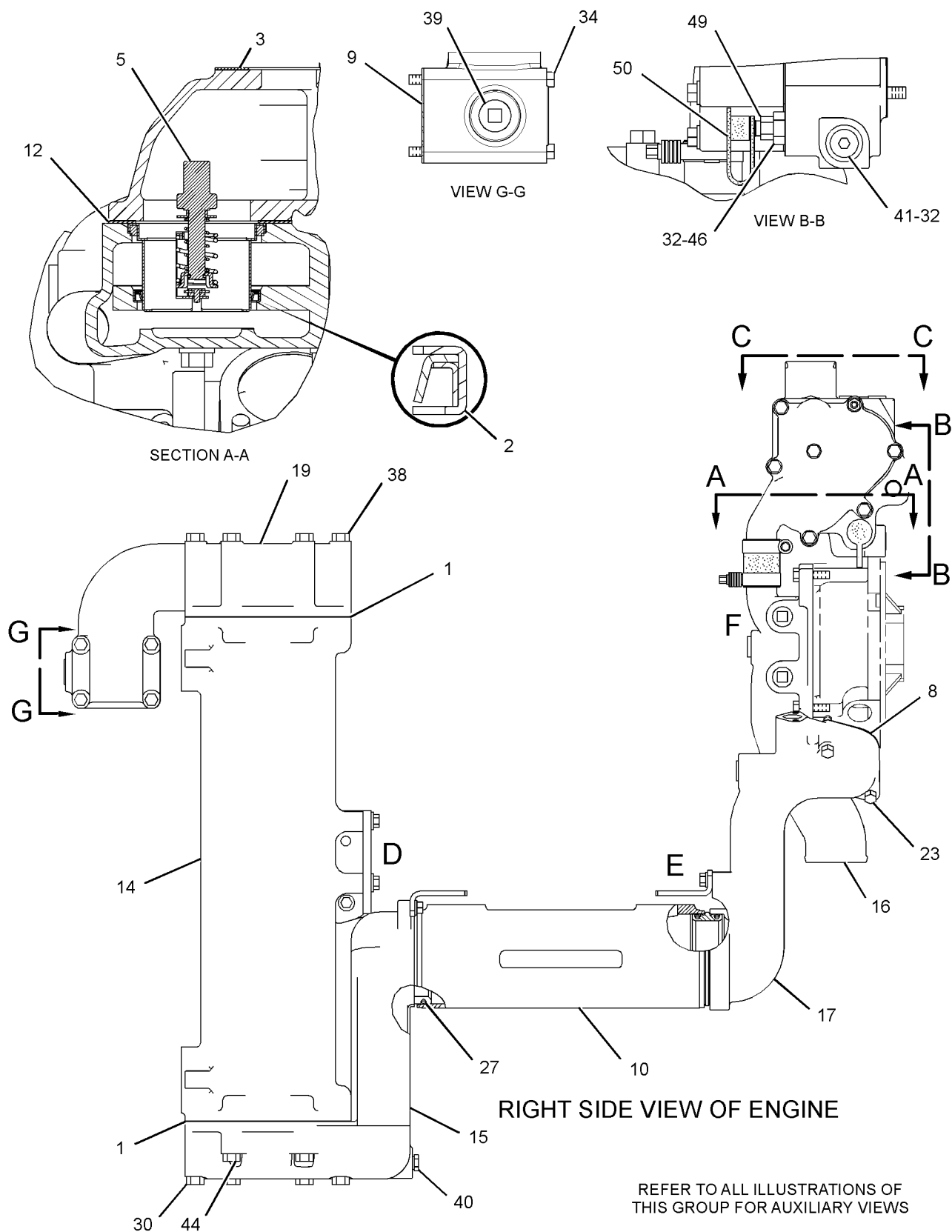
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2S-0795	2	GASKET						
	2	1	3S-9643	2	SEAL-LIP TYPE (WATER TEMPERATURE REGULATOR)						
	3	1	4N-1156	1	GASKET-REGULATOR COVER (WATER, COOLANT TEMPERATURE)						
	4	2	4N-1199	2	CLIP						
	5	1	248-5513	2	REGULATOR-TEMPERATURE (92-DEG C) (COOLANT)						
	6	2	8T-4983	2	CLAMP-HOSE						
	7	2	9Y-4104	1	HOSE						
	8	1	125-0434	1	SEAL-INTEGRAL						
	9	1	126-4935	1	SEAL-INTEGRAL						
R	10	1	133-0125	1	CORE AS-ENGINE OIL COOLER						
	11	2	137-7331	1	HOUSING-REGULATOR						
	12	1	139-3550	1	GASKET-REGULATOR (HOUSING) (WATER, COOLANT TEMPERATURE)						
	13	2	143-9393	1	STUD						
R	14	1	145-9283	1	CORE AS-TRANSMISSION COOLER						
	15	1	147-0192	1	BONNET						
	16	1	161-3565	1	COVER-WATER PUMP						
	17	1	170-4673	1	BONNET-INLET						
	18	2	187-6237	1	ADAPTER						
	19	1	205-9293	1	BONNET						
	20	2	239-6304	1	MANIFOLD-HOUSING						
	21	2	235-8159	1	BRACKET AS						
	22	2	0L-1351	2	BOLT (3/8-16X0.875-IN)						
	23	1	0L-2070	2	BOLT (3/8-16X2.25-IN)						
	24	2	0S-1591	3	BOLT (3/8-16X1.5-IN)						
	25	2	0S-1608	1	BOLT (3/8-16X3.75-IN)						
	26	2	0T-0065	2	BOLT (3/8-16X3.5-IN)						
	27	1, 2	109-0077	3	SEAL-O-RING						
	28	2	1A-2029	4	BOLT (3/8-16X1.125-IN)						
	29	2	1B-2790	1	BOLT (5/16-18X1.375-IN)						
	30	1	1D-4566	4	BOLT (1/2-13X3.5-IN)						
	31	2	3E-4352	1	WASHER-HARD (8.8X20.5X2.5-MM THK)						
	32	1, 2	3K-0360	4	SEAL-O-RING						
	33	2	4F-0411	3	BOLT (3/8-16X6.5-IN)						
	34	1	5B-2638	4	BOLT (3/8-16X5.25-IN)						
	35	2	5M-2894	9	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	37	2	7X-7731	4	PLUG-PIPE						
	38	1	8S-9089	6	BOLT (1/2-13X4.5-IN)						
	39	1	8T-6761	1	PLUG-PIPE						
	40	1	8T-6767	1	PLUG-PIPE						
	41	1, 2	9S-8005	3	PLUG-O-RING						
	43	2	9X-6458	4	WASHER-HARD (10.2X22.5X3-MM THK)						
	44	1	9X-8873	2	BOLT (1/2-13X2.25-IN)						
	45	2	183-7263	1	PLUG AS						
		2	3J-7354	1	SEAL-O-RING						
		2	9S-8002	1	PLUG-O-RING						
	46	1	3P-1932	1	ADAPTER						
	49	1	217-9060	1	VALVE AS-FLUID SAMPLING						
		1	3J-7354	1	SEAL-O-RING						
		1	154-9023	1	VALVE-SAMPLING						
	50	1	157-0670	1	CAP-DUST						

R-REMFG PART MAY BE AVAILABLE

COOLING SYSTEM

227-4564 LINES GP-WATER (contd.)

i03438522



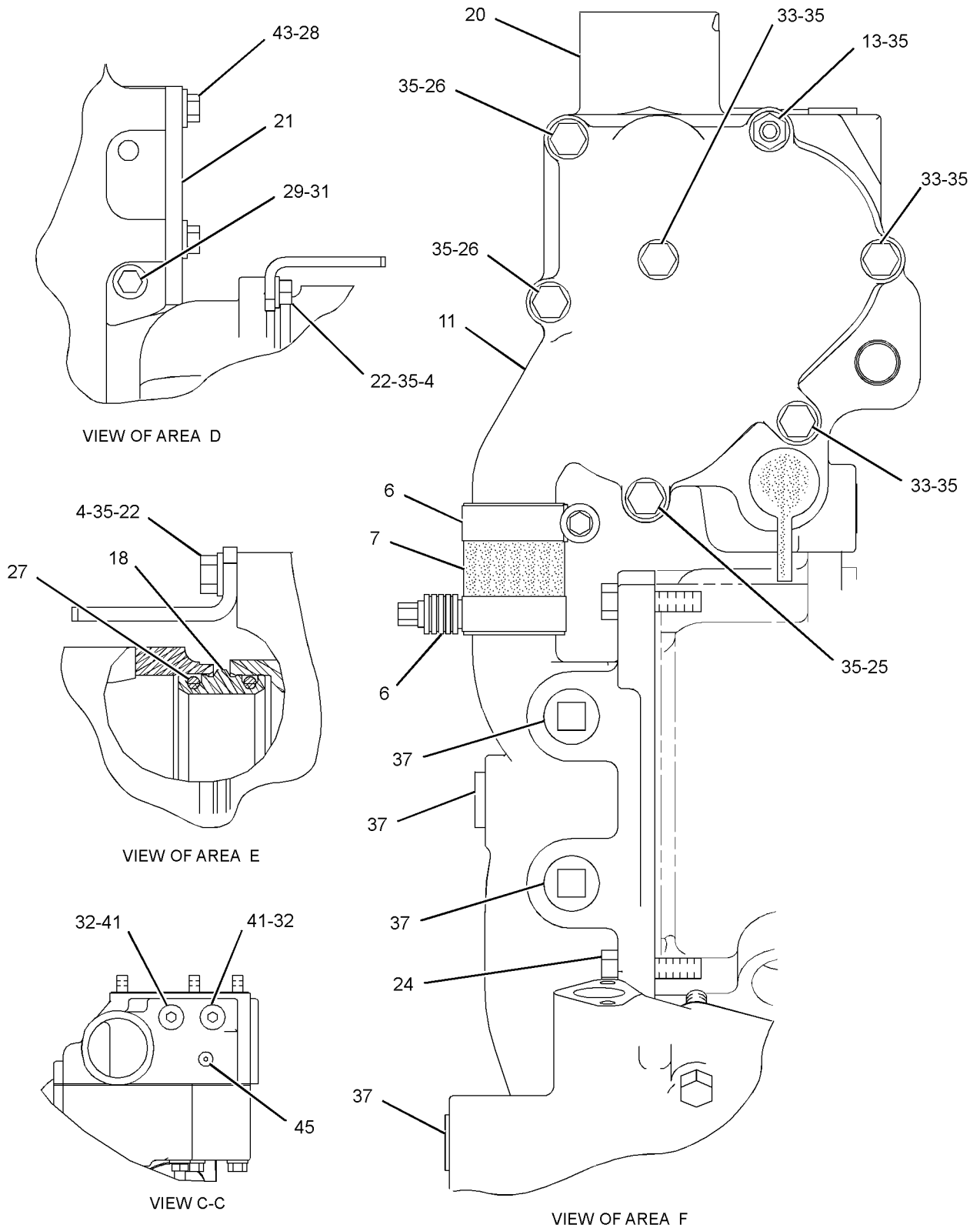
GRAPHIC #1

g01793518

COOLING SYSTEM

227-4564 LINES GP-WATER (contd.)

i03438522



GRAPHIC #2

<END>

g01648094

COOLING SYSTEM

233-7183 LINES GP-WATER-TURBOCHARGER

S/N: BXY1-2399

PART OF 226-9643 INSTALLATION AR-ENGINE

SMCS-1380

i02216700

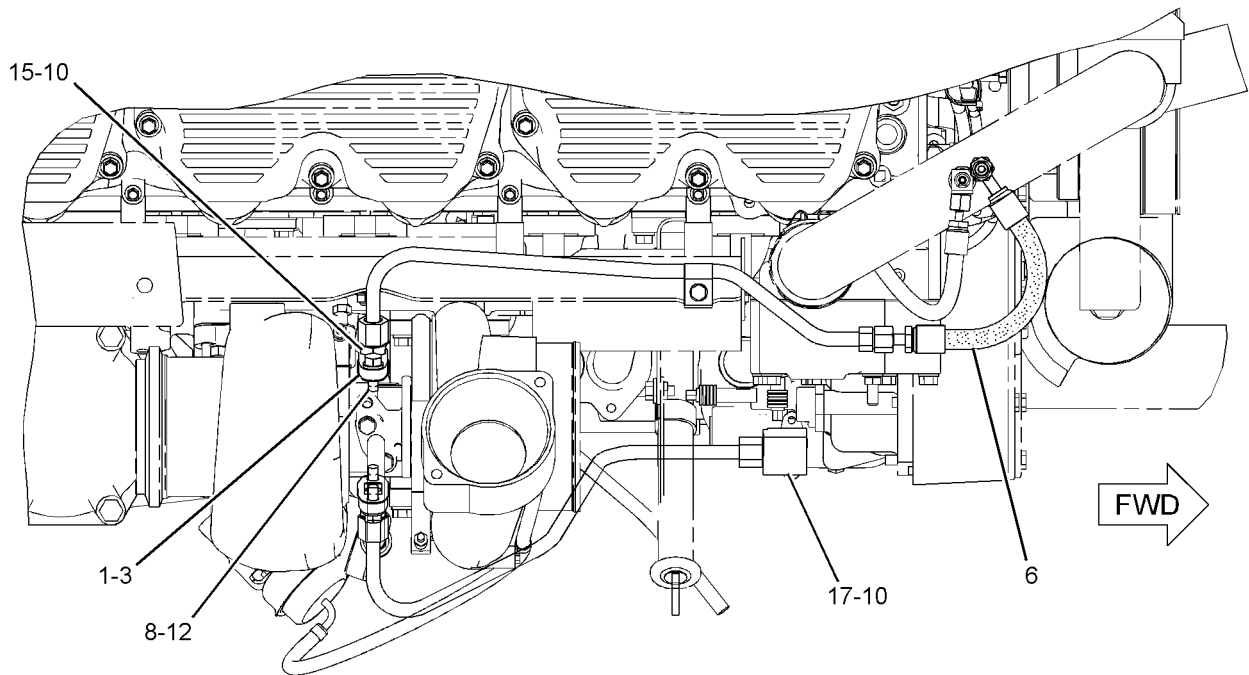
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	241-3283	2	GASKET						
	3	1	178-2500	2	FLANGE						
	4	1	260-1578	1	TUBE AS						
	5	1	233-7185	1	TUBE AS						
I	6	1	233-7186	1	HOSE AS						
	8	1	4L-6454	4	BOLT (3/8-16X1-IN)						
	10	1	180-8424	3	SEAL-O-RING						
	11	1	4B-0418	1	CLIP						
	12	1	8T-4896	4	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	15	1	8C-6871	2	CONNECTOR						
	17	1	122-8905	1	ELBOW						
	18	1	8T-4224	1	WASHER-HARD (8.8X16X2-MM THK)						
M	19	1	8T-4200	1	BOLT (M8X1.25X16-MM)						
	20	1	6V-9027	1	SEAL-O-RING						
	21	1	6V-9872	1	CONNECTOR						
	22	1	6D-7128	2	SEAL-O-RING						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART

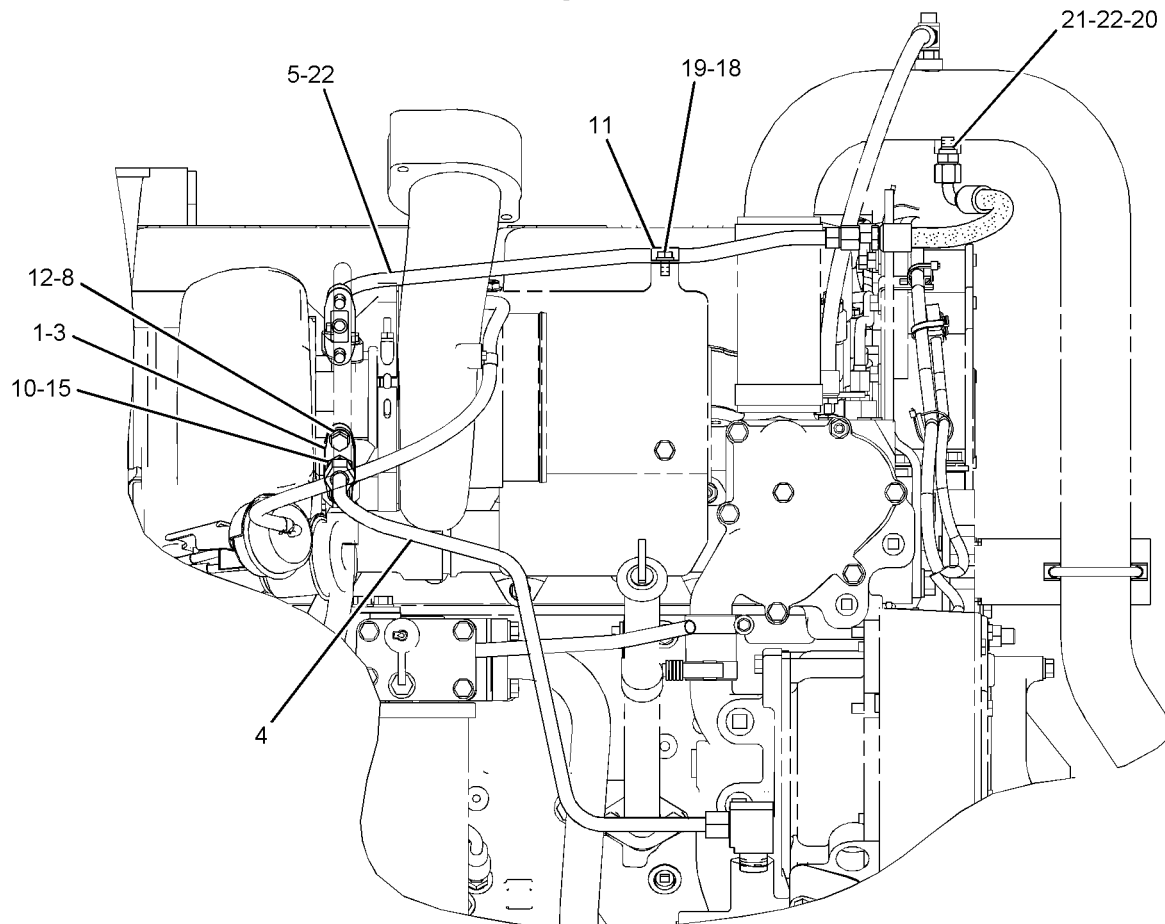
COOLING SYSTEM

233-7183 LINES GP-WATER (contd.)

i02216700



TOP VIEW



RIGHT SIDE VIEW

<END>

GRAPHIC #1

g01118842

COOLING SYSTEM

281-7060 LINES GP-WATER

S/N: RHX1-UP

PART OF 281-6452 ENGINE AR-COMPLETE
AN ATTACHMENT

SMCS-1380

i03438523

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2S-0795	2	GASKET						
	2	1	3S-9643	2	SEAL-LIP TYPE (WATER TEMPERATURE REGULATOR)						
	3	1	4N-1156	1	GASKET-REGULATOR COVER						
	4	1	4N-1199	2	CLIP						
	5	1	4N-3841	1	GASKET						
	6	1	8T-4983	2	CLAMP-HOSE						
	7	1	9Y-4104	1	HOSE						
	8	1	125-0434	1	SEAL-INTEGRAL						
	9	1	126-4935	1	SEAL-INTEGRAL						
R	10	1	133-0125	1	CORE AS-ENGINE OIL COOLER						
	11	1	137-7331	1	HOUSING-REGULATOR						
	12	1	139-3550	1	GASKET-REGULATOR (HOUSING) (WATER TEMPERATURE)						
	13	1	143-9393	1	STUD						
R	14	1	145-9283	1	CORE AS-TRANSMISSION COOLER						
	15	1	217-9060	1	VALVE AS-FLUID SAMPLING						
		1	3J-7354	1	SEAL-O-RING						
		1	154-9023	1	VALVE-SAMPLING						
	16	1	157-0670	1	CAP-DUST						
	17	1	161-3565	1	COVER-WATER PUMP						
	18	1	187-6237	1	ADAPTER						
	19	1	274-9991	1	BONNET-OUTLET						
	20	1	226-4222	1	BONNET						
	21	1	235-8159	1	BRACKET AS						
	22	1	239-6304	1	MANIFOLD-HOUSING						
	23	1	248-5513	2	REGULATOR-TEMPERATURE (92-DEG C) (WATER)						
	24	1	281-7062	1	BONNET						
	25	1	282-9904	1	COVER						
	26	1	0L-1351	2	BOLT (3/8-16X0.875-IN)						
	27	1	0L-2070	2	BOLT (3/8-16X2.25-IN)						
	28	1	0S-1591	3	BOLT (3/8-16X1.5-IN)						
	29	1	0S-1608	1	BOLT (3/8-16X3.75-IN)						
	30	1	0T-0065	2	BOLT (3/8-16X3.5-IN)						
	31	1	109-0077	3	SEAL-O-RING						
	32	1	183-7263	1	PLUG AS						
		1	3J-7354	1	SEAL-O-RING						
		1	9S-8002	1	PLUG-O-RING						
	33	1	1A-2029	4	BOLT (3/8-16X1.125-IN)						
	34	1	1B-2790	1	BOLT (5/16-18X1.375-IN)						
	35	1	1B-7182	2	BOLT (5/16-18X1.25-IN)						
	36	1	1D-4566	4	BOLT (1/2-13X3.5-IN)						
	37	1	3E-4352	1	WASHER-HARD (8.8X20.5X2.5-MM THK)						
	38	1	3K-0360	4	SEAL-O-RING						
	39	1	3P-1932	1	ADAPTER						
	40	1	4F-0411	3	BOLT (3/8-16X6.5-IN)						
	41	1	5B-2638	4	BOLT (3/8-16X5.25-IN)						
	42	1	5M-2894	9	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	43	1	6V-5063	2	SEAL-O-RING						
	44	1	6V-5064	2	SEAL-O-RING						
	45	1	6V-6609	1	SEAL-O-RING						
	47	1	7X-7731	3	PLUG-PIPE						
	48	1	8S-9089	6	BOLT (1/2-13X4.5-IN)						
	49	1	9M-1974	2	WASHER-HARD (8.8X16X2-MM THK)						
	50	1	9S-8005	4	PLUG-O-RING						
	51	1	9S-8008	2	PLUG-O-RING						

COOLING SYSTEM

281-7060 LINES GP-WATER (contd.)

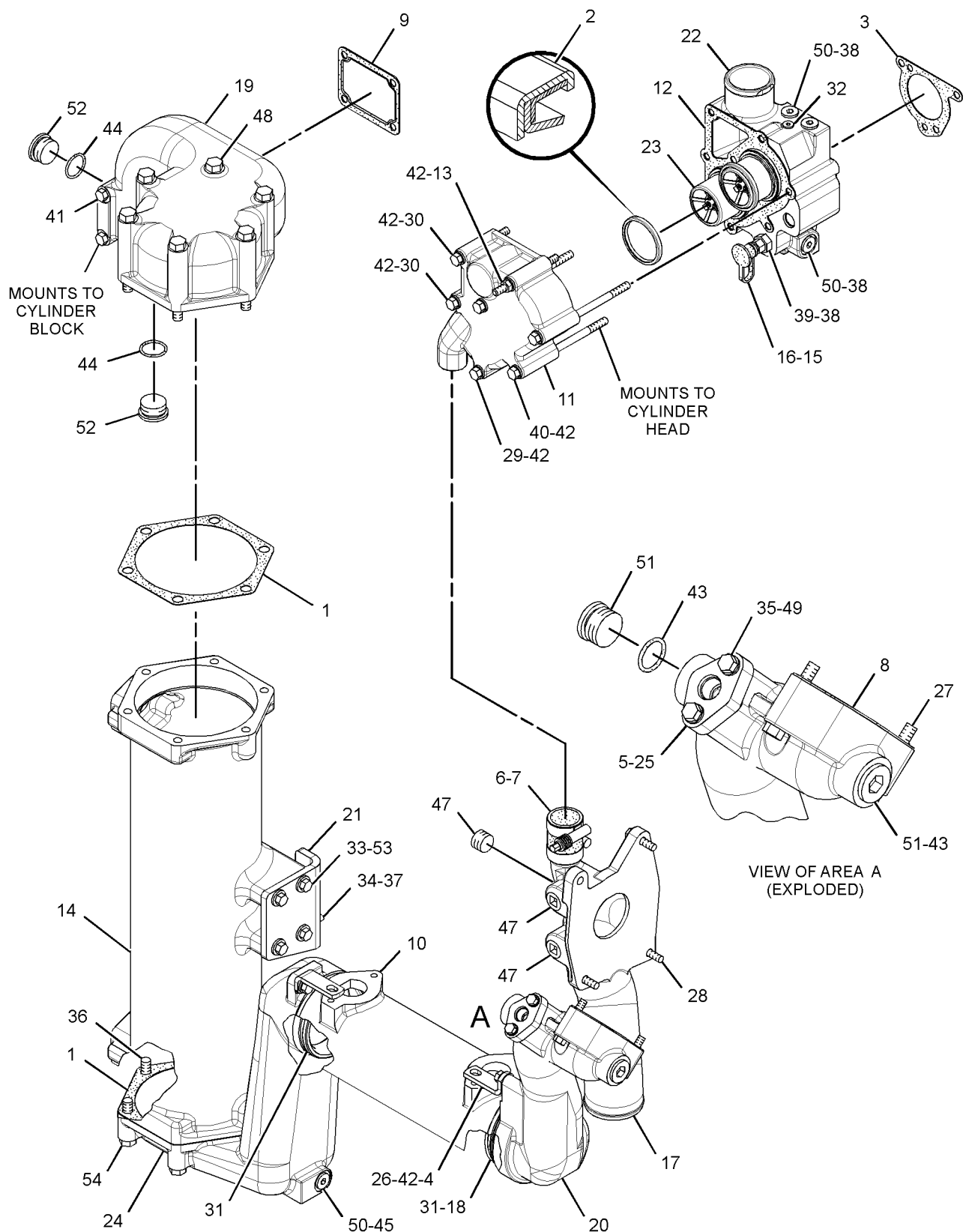
i03438523

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	52	1	9S-9334	2	PLUG-O-RING	
	53	1	9X-6458	4	WASHER-HARD (10.2X22.5X3-MM THK)	
	54	1	9X-8873	2	BOLT (1/2-13X2.25-IN)	
R-REMFG PART MAY BE AVAILABLE						

COOLING SYSTEM

281-7060 LINES GP-WATER (contd.)

i03438523



GRAPHIC #1

<END>

g01792913

COOLING SYSTEM

161-5719 PUMP GP-WATER*R

S/N: RHX1-UP

PART OF 174-5986 PUMP GP-WATER
AN ATTACHMENT

SMCS-1361

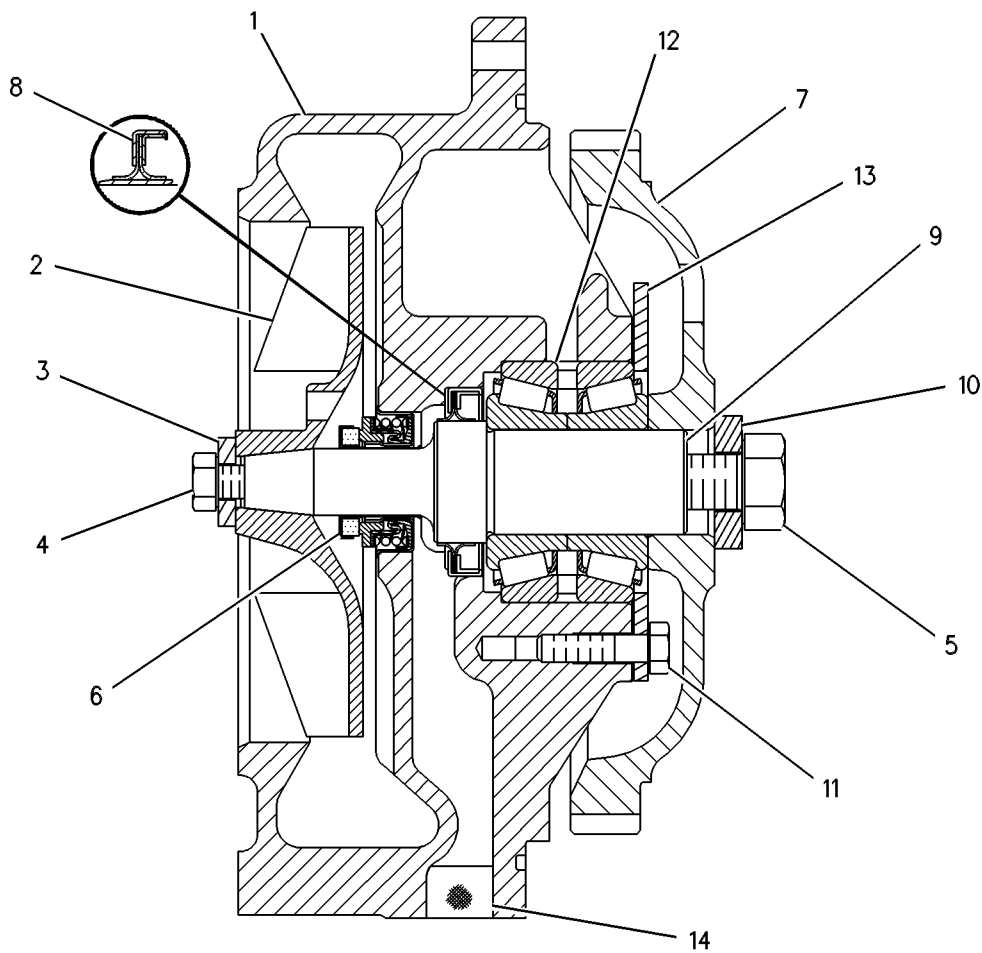
i02740969

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	161-5718	1	HOUSING-WATER PUMP						
	2	1	129-9907	1	IMPELLER-PUMP						
W	3	1	9M-6527	1	WASHER-HARD (10.2X25.5X5-MM THK)						
	4	1	0S-1591	1	BOLT (3/8-16X1.5-IN)						
	5	1	1A-1135	1	BOLT (5/8-11X2-IN)						
W	6	1	128-0317	1	SEAL GP (WATER PUMP)						
	7	1	153-9023	1	GEAR (74-TEETH)						
W	8	1	153-1256	1	SEAL-LIP TYPE						
W	9	1	135-4928	1	SHAFT-WATER PUMP						
W	10	1	5S-0581	1	WASHER-HARD (17X38X8-MM THK)						
	11	1	1B-7182	4	BOLT (5/16-18X1.25-IN)						
W	12	1	108-7930	1	BEARING AS-ROLLER						
W	13	1	136-1107	1	RETAINER						
W	14	1	136-3742	1	PLUG-FELT						
					AVAILABLE REPAIR KIT(S):						
W			138-6744	1	KIT-PUMP REBUILD (WATER)						
					INCLUDES WASHER, SEALS, BEARING AS, FILTERS, SHAFT-WATER PUMP, AND RETAINER						
W-KIT MARKED W INCLUDES PARTS MARKED W											

COOLING SYSTEM

161-5719 PUMP GP-WATER (contd.)

i02740969



GRAPHIC #1

<END>

g00263499

COOLING SYSTEM

174-5986 PUMP GP-WATER

S/N: RHX1-UP

HEAVY DUTY PUMP

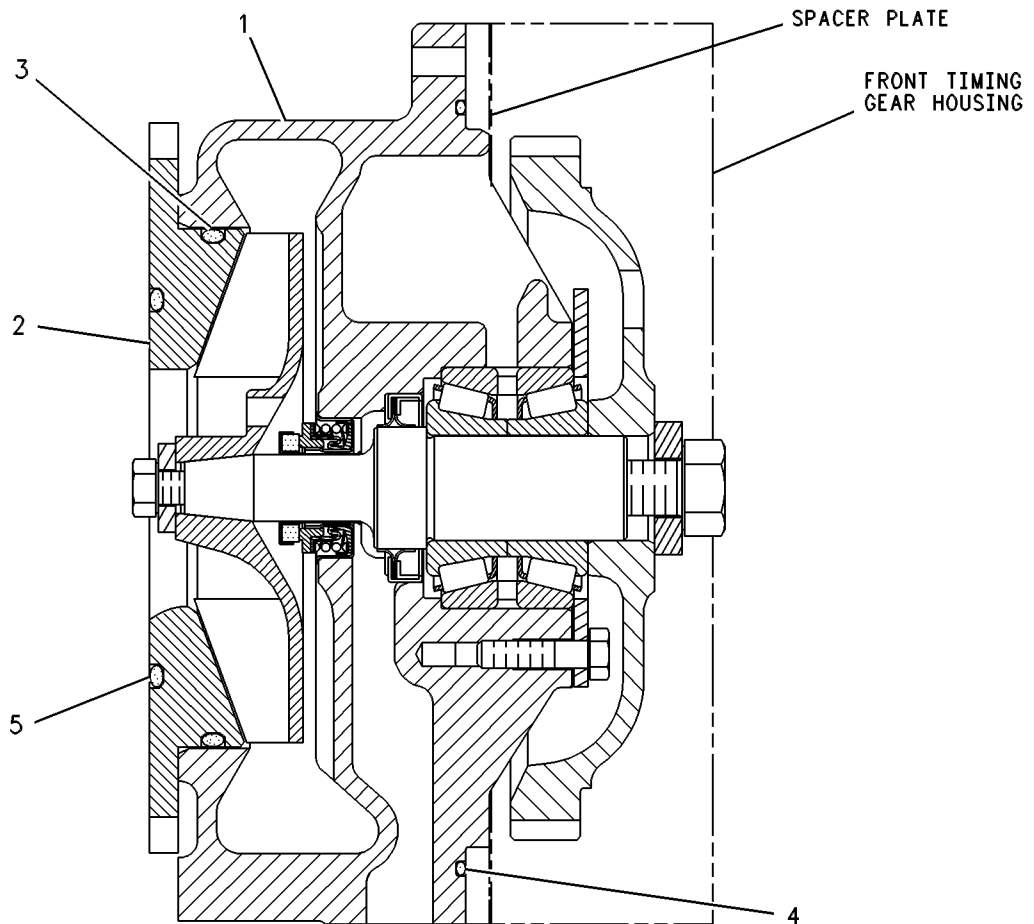
PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMPLETE
AN ATTACHMENT

SMCS-1361

i02610618

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
YR	1	1	161-5719	1	PUMP GP-WATER	187
	2	1	4P-2383	1	ADAPTER	
	3	1	9M-3786	1	SEAL-O-RING	
	4	1	122-3772	1	SEAL-O-RING	
	5	1	109-0077	1	SEAL-O-RING	

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00263504

COOLING SYSTEM

224-9456 RADIATOR GP

S/N: BXY1-3999

PART OF 225-6725 COOLING AR
AN ATTACHMENT

SMCS-1353

i02172492

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1P-4278	12	CLAMP-HOSE						
	2	1	6I-2431	6	SEAL						
	3	1	6I-2435	6	SPACER (RUBBER)						
	4	1	106-4572	5	HOSE						
	5	1	112-9486	6	RETAINER						
	6	1	135-6929	1	ANGLE AS						
M		1	8T-3490	7	NUT-WELD (M10X1.5-THD)						
	7	1	152-0961	1	ANGLE AS						
M		1	8T-3490	3	NUT-WELD (M10X1.5-THD)						
I	8	1	204-7846	1	HOSE AS						
	9	1	225-6330	1	TANK AS-RADIATOR BOTTOM						
M		1	8T-3490	4	NUT-WELD (M10X1.5-THD)						
	10	1	225-6331	1	BAFFLE AS						
M		1	8T-3490	5	NUT-WELD (M10X1.5-THD)						
	11	1	225-6332	1	HOSE AS						
	12	1	148-8316	2	CONNECTOR AS						
					(EACH INCLUDES)						
		1	3J-7354	1	SEAL-O-RING						
		1	4J-5477	1	SEAL-O-RING						
		1	6V-8647	1	CONNECTOR						
	13	1	223-5118	6	CORE AS-RADIATOR						
	14	1	5P-1076	4	WASHER-HARD (13.5X30X4-MM THK)						
	15	1	6D-3479	4	CLIP						
	16	1	7X-7729	23	WASHER (11X25X3-MM THK)						
	17	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	18	1	8T-4137	9	BOLT (M10X1.5X20-MM)						
M	19	1	8T-4139	4	BOLT (M12X1.75X30-MM)						
M	20	1	8T-4195	18	BOLT (M10X1.5X30-MM)						
D	21	1	5P-5755		SEAL (1.27-M)						
D	22	1	5P-7211		SEAL (1.66-M)						

D-ORDER BY THE METER

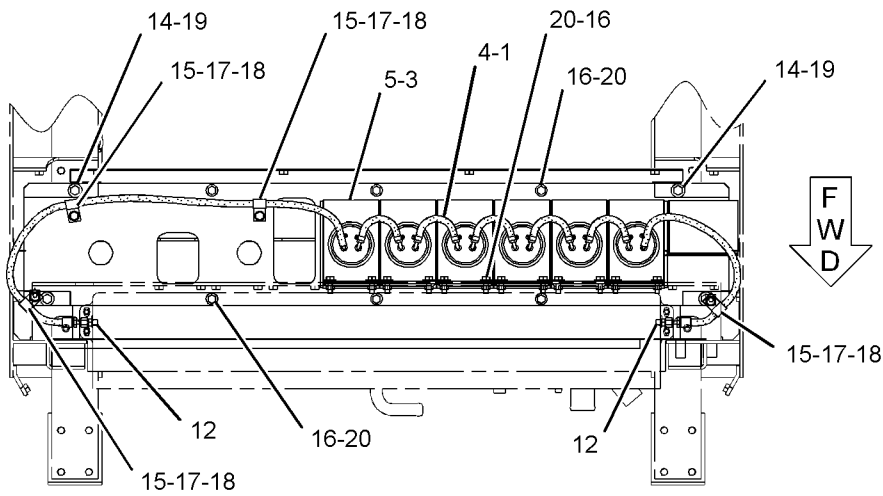
I-REFER TO HYDRAULIC INFORMATION SYSTEM

M-METRIC PART

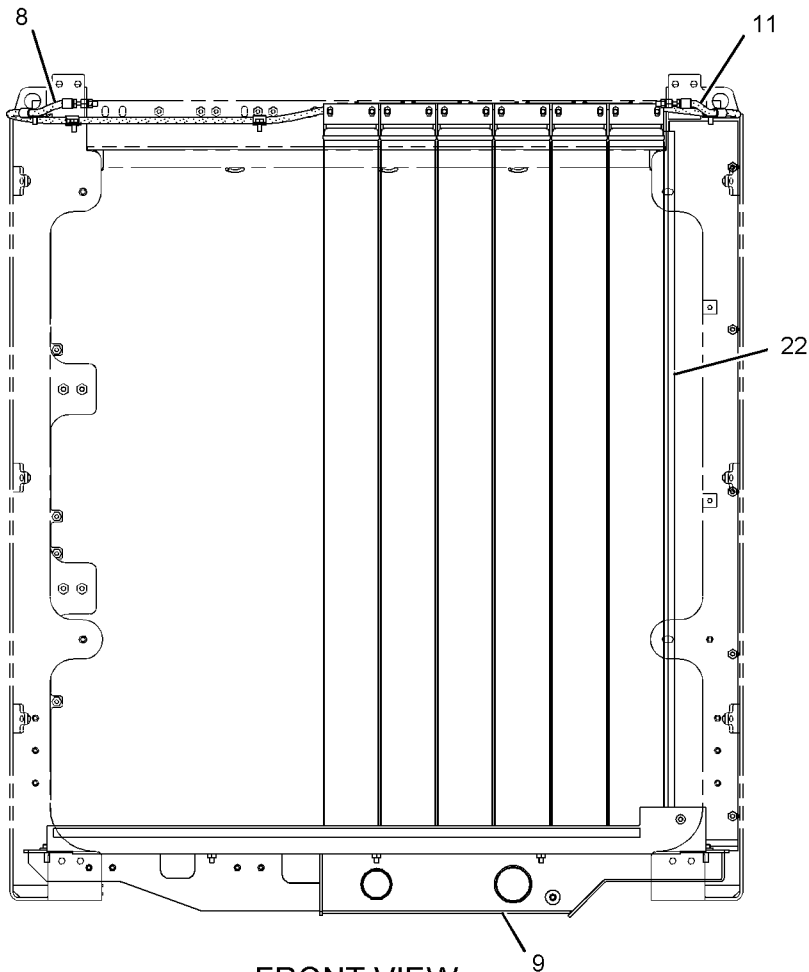
COOLING SYSTEM

224-9456 RADIATOR GP (contd.)

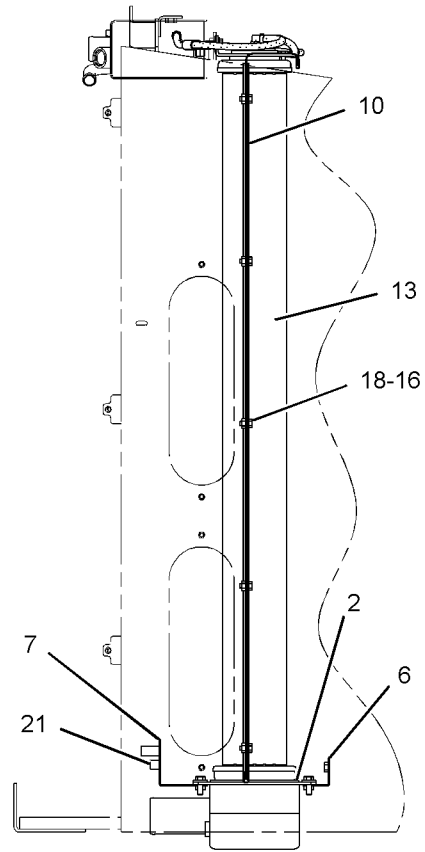
i02172492



TOP VIEW



FRONT VIEW



LEFT SIDE VIEW

GRAPHIC #1

<END>

g01101870

COOLING SYSTEM

224-9456 RADIATOR GP

S/N: BXY4000-UP

PART OF 225-6725 COOLING AR
AN ATTACHMENT

SMCS-1353

i03785171

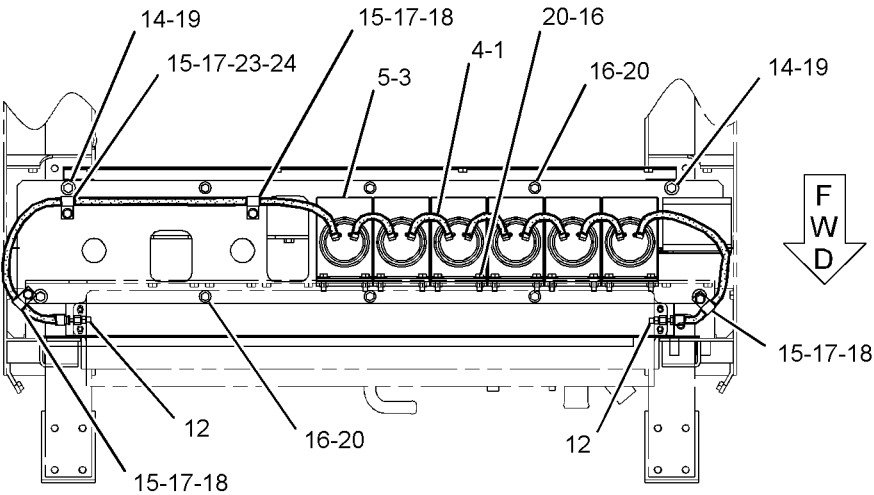
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1P-4278	12	CLAMP-HOSE	
	2	1	6I-2431	6	SEAL	
	3	1	6I-2435	6	SPACER (RUBBER)	
	4	1	106-4572	5	HOSE	
	5	1	112-9486	6	RETAINER	
	6	1	135-6929	1	ANGLE AS	
M		1	8T-3490	7	NUT-WELD (M10X1.5-THD)	
	7	1	152-0961	1	ANGLE AS	
		1	4E-0019	1	BOSS (M10X1.5-THD)	
M		1	8T-3490	3	NUT-WELD (M10X1.5-THD)	
C	8	1	352-5477	1	HOSE AS	
	9	1	225-6330	1	TANK AS-RADIATOR BOTTOM	
M		1	8T-3490	4	NUT-WELD (M10X1.5-THD)	
	10	1	225-6331	1	BAFFLE AS	
M		1	8T-3490	5	NUT-WELD (M10X1.5-THD)	
C	11	1	352-5457	1	HOSE AS	
	12	1	148-8316	2	CONNECTOR AS	
					(EACH INCLUDES)	
		1	3J-7354	1	SEAL-O-RING	
		1	4J-5477	1	SEAL-O-RING	
		1	6V-8647	1	CONNECTOR	
	13	1	223-5118	6	CORE AS-RADIATOR	
	14	1	5P-1076	4	WASHER-HARD (13.5X30X4-MM THK)	
	15	1	6D-3479	4	CLIP	
	16	1	7X-7729	23	WASHER (11X25X3-MM THK)	
	17	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)	
CM	18	1	8T-4137	8	BOLT (M10X1.5X20-MM)	
M	19	1	8T-4139	4	BOLT (M12X1.75X30-MM)	
M	20	1	8T-4195	18	BOLT (M10X1.5X30-MM)	
D	21	1	5P-5755		SEAL (1.3-M)	
D	22	1	5P-7211		SEAL (1.7-M)	
CM	23	1	8T-4136	1	BOLT (M10X1.5X25-MM)	
C	24	1	132-7551	1	SPACER (11X19X6-MM THK)	

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

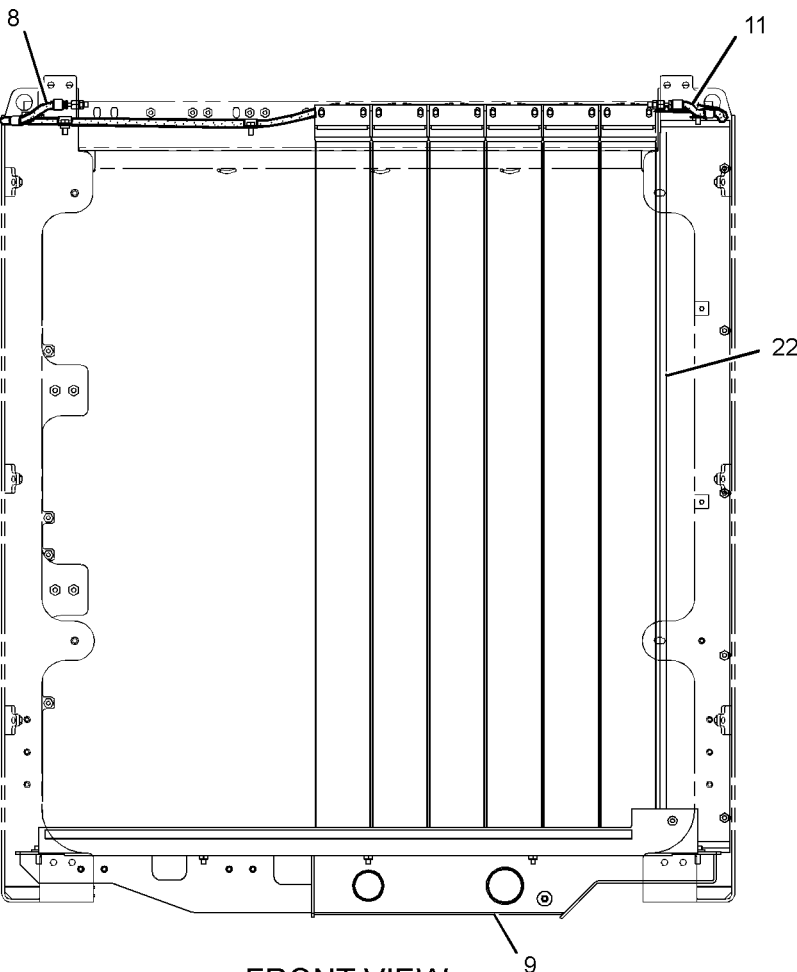
COOLING SYSTEM

224-9456 RADIATOR GP (contd.)

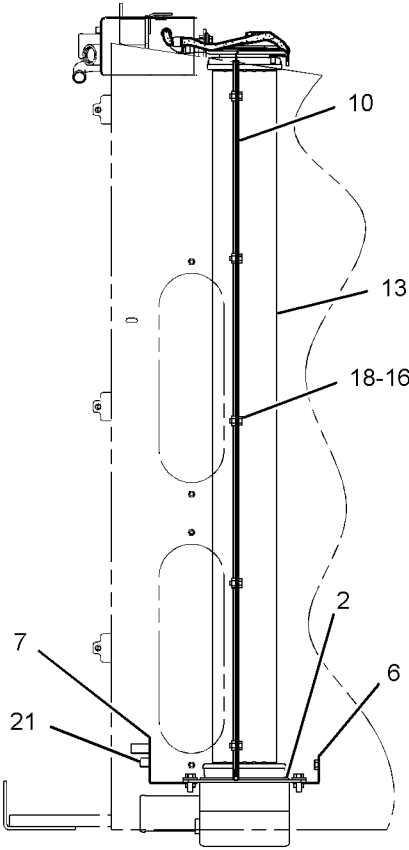
i03785171



TOP VIEW



FRONT VIEW



LEFT SIDE VIEW

GRAPHIC #1

<END>

g02052397

COOLING SYSTEM

225-6333 RADIATOR GP-MID RANGE, HIGH AMBIENT TEMPERATURE

S/N: BXY1-3999

PART OF 226-1954 COOLING AR, 226-1956 COOLING AR-HIGH AMBIENT TEMP
AN ATTACHMENT

SMCS-1353

i02177669

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1P-4278	14	CLAMP-HOSE						
	2	1	6I-2431	7	SEAL						
	3	1	6I-2435	7	SPACER (RUBBER)						
	4	1	106-4572	6	HOSE						
	5	1	112-9486	7	RETAINER						
	6	1	135-6929	1	ANGLE AS						
M		1	8T-3490	7	NUT-WELD (M10X1.5-THD)						
	7	1	152-0961	1	ANGLE AS						
M		1	8T-3490	3	NUT-WELD (M10X1.5-THD)						
	8	1	152-3426	1	TANK AS-RADIATOR BOTTOM						
I	9	1	204-7846	1	HOSE AS						
I	10	1	204-7847	1	HOSE AS						
	11	1	148-8316	2	CONNECTOR AS						
					(EACH INCLUDES)						
		1	3J-7354	1	SEAL-O-RING						
		1	4J-5477	1	SEAL-O-RING						
		1	6V-8647	1	CONNECTOR						
	12	1	223-5118	7	CORE AS-RADIATOR						
	13	1	5P-1076	4	WASHER-HARD (13.5X30X4-MM THK)						
	14	1	6D-3479	4	CLIP						
	15	1	7X-7729	20	WASHER (11X25X3-MM THK)						
	16	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	17	1	8T-4137	4	BOLT (M10X1.5X20-MM)						
M	18	1	8T-4139	4	BOLT (M12X1.75X30-MM)						
M	19	1	8T-4195	20	BOLT (M10X1.5X30-MM)						
BD	20	1	5P-5755		SEAL						
BD	21	1	5P-7211		SEAL						

B-USE AS REQUIRED

D-ORDER BY THE METER

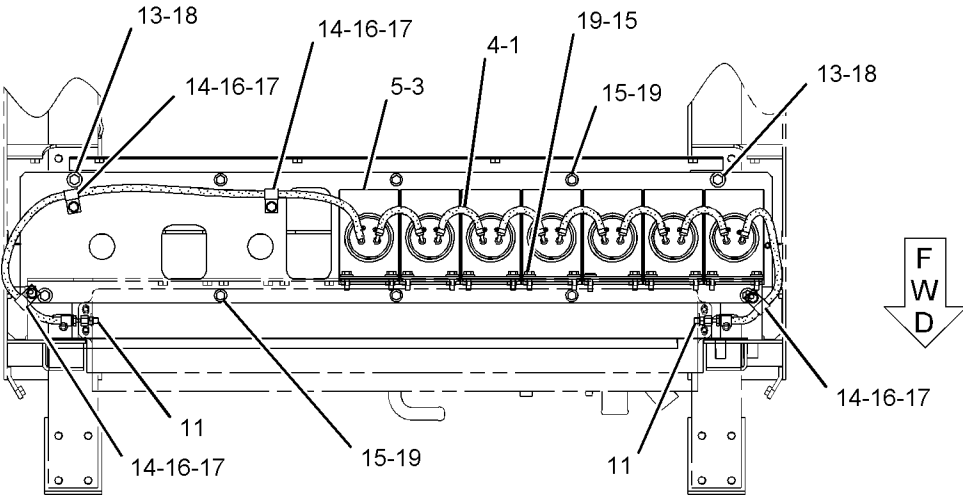
I-REFER TO HYDRAULIC INFORMATION SYSTEM

M-METRIC PART

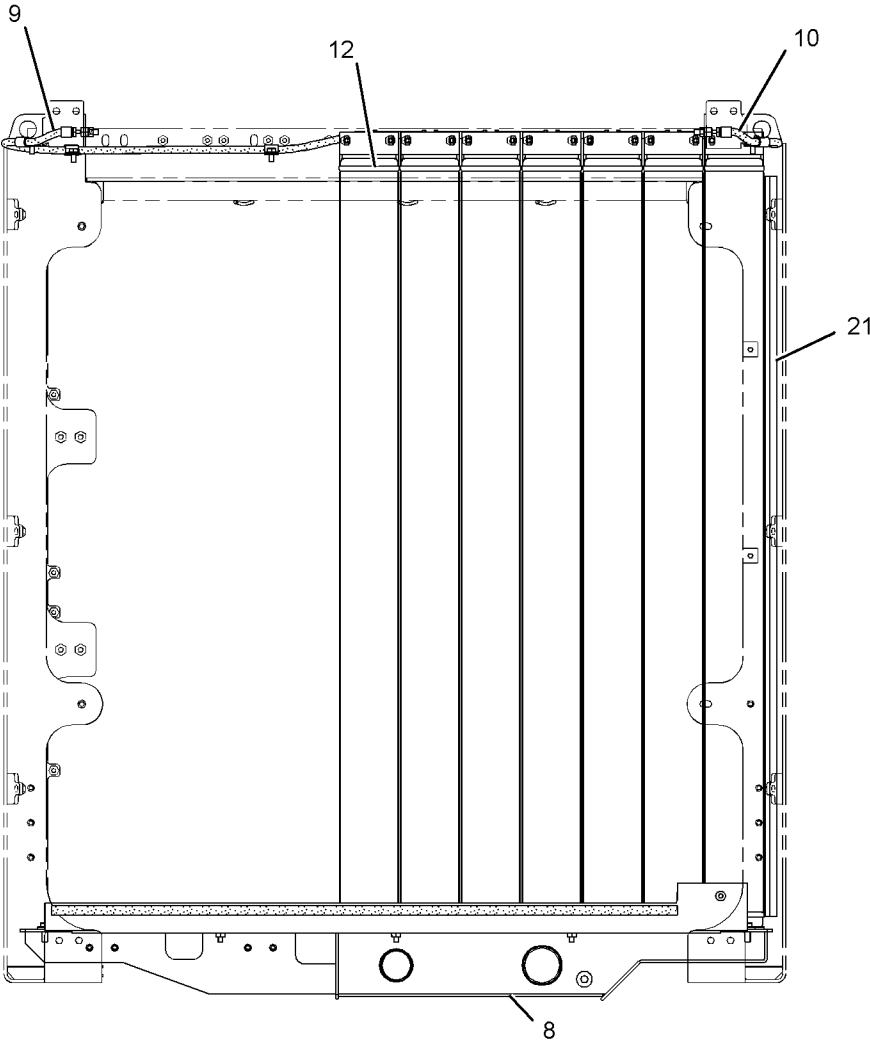
COOLING SYSTEM

225-6333 RADIATOR GP (contd.)

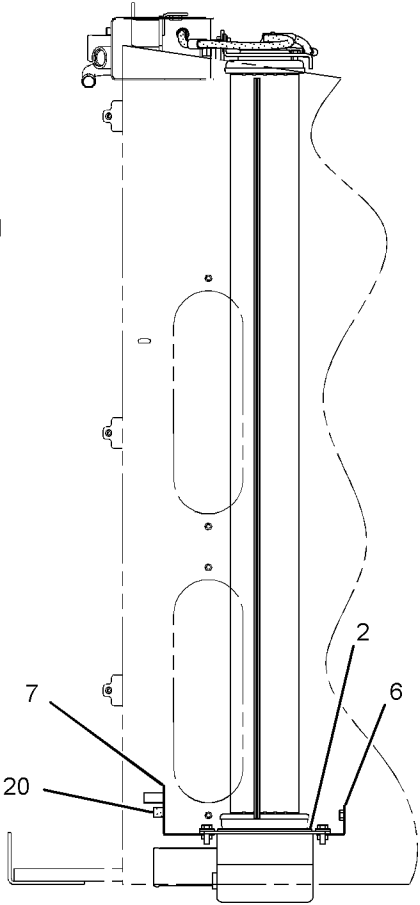
i02177669



TOP VIEW



FRONT VIEW



LEFT SIDE VIEW

GRAPHIC #1

<END>

g01101898

COOLING SYSTEM

225-6333 RADIATOR GP—MID RANGE, HIGH AMBIENT TEMPERATURE

S/N: BXY4000-UP

PART OF 226-1954 COOLING AR, 226-1956 COOLING AR-HIGH AMBIENT TEMP
AN ATTACHMENT

SMCS-1353

i03785470

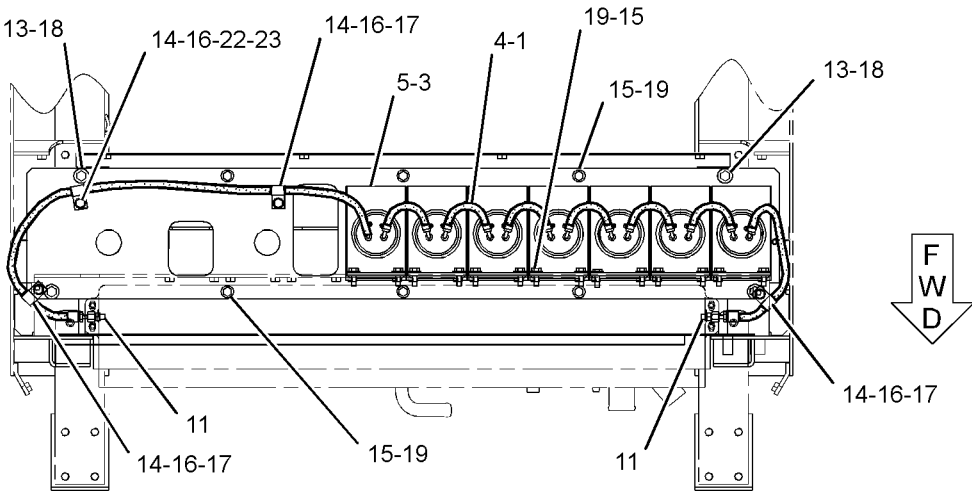
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1P-4278	14	CLAMP-HOSE						
	2	1	6I-2431	7	SEAL						
	3	1	6I-2435	7	SPACER (RUBBER)						
	4	1	106-4572	6	HOSE						
	5	1	112-9486	7	RETAINER						
	6	1	135-6929	1	ANGLE AS						
M		1	8T-3490	7	NUT-WELD (M10X1.5-THD)						
	7	1	152-0961	1	ANGLE AS						
M		1	8T-3490	3	NUT-WELD (M10X1.5-THD)						
	8	1	152-3426	1	TANK AS-RADIATOR BOTTOM						
C	9	1	352-5477	1	HOSE AS						
C	10	1	352-7837	1	HOSE AS						
	11	1	148-8316	2	CONNECTOR AS						
					(EACH INCLUDES)						
		1	3J-7354	1	SEAL-O-RING						
		1	4J-5477	1	SEAL-O-RING						
		1	6V-8647	1	CONNECTOR						
	12	1	223-5118	7	CORE AS-RADIATOR						
	13	1	5P-1076	4	WASHER-HARD (13.5X30X4-MM THK)						
	14	1	6D-3479	4	CLIP						
	15	1	7X-7729	20	WASHER (11X25X3-MM THK)						
	16	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
CM	17	1	8T-4137	3	BOLT (M10X1.5X20-MM)						
M	18	1	8T-4139	4	BOLT (M12X1.75X30-MM)						
M	19	1	8T-4195	20	BOLT (M10X1.5X30-MM)						
BD	20	1	5P-5755		SEAL						
BD	21	1	5P-7211		SEAL						
C	22	1	132-7551	1	SPACER (11X19X6-MM THK)						
CM	23	1	8T-4136	1	BOLT (M10X1.5X25-MM)						

B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
D-ORDER BY THE METER
M-METRIC PART

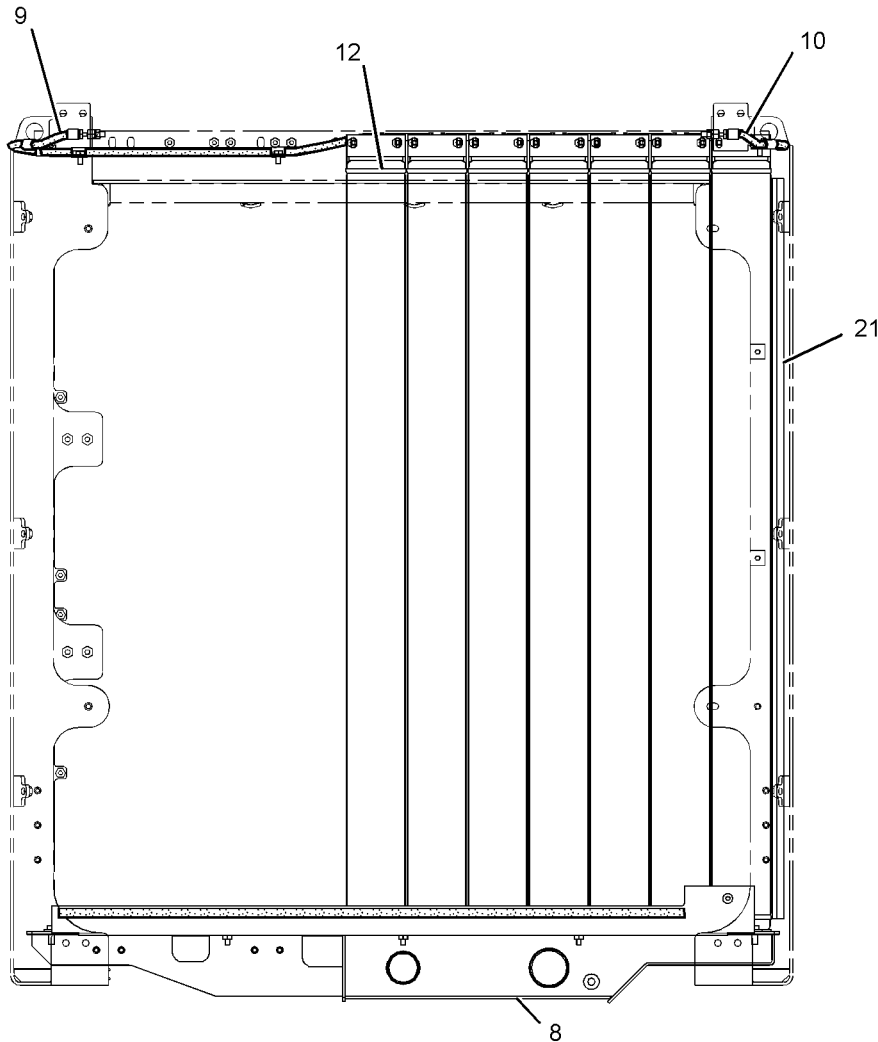
COOLING SYSTEM

225-6333 RADIATOR GP (contd.)

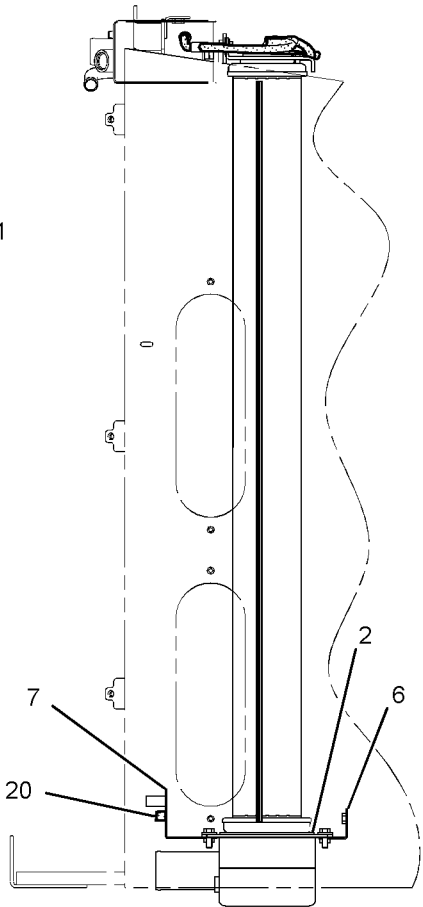
i03785470



TOP VIEW



FRONT VIEW



LEFT SIDE VIEW

GRAPHIC #1

<END>

g02048174

COOLING SYSTEM

148-7919 VALVE GP-RADIATOR DRAIN

S/N: BXY1-UP

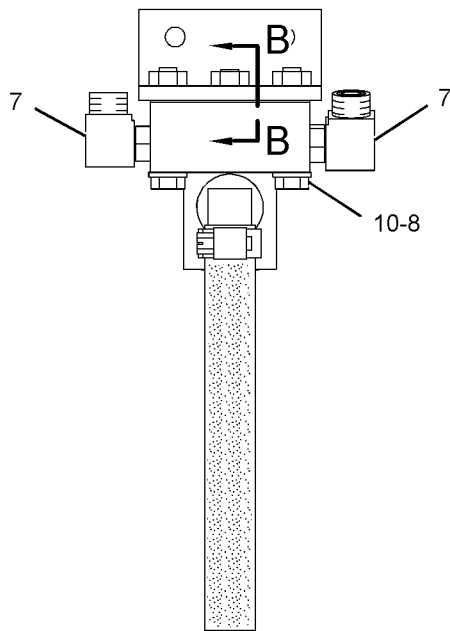
PART OF 225-6319 LINES GP-WATER

SMCS-1353

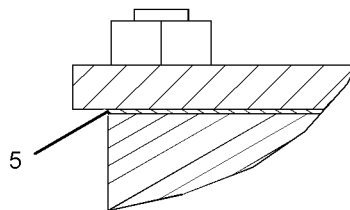
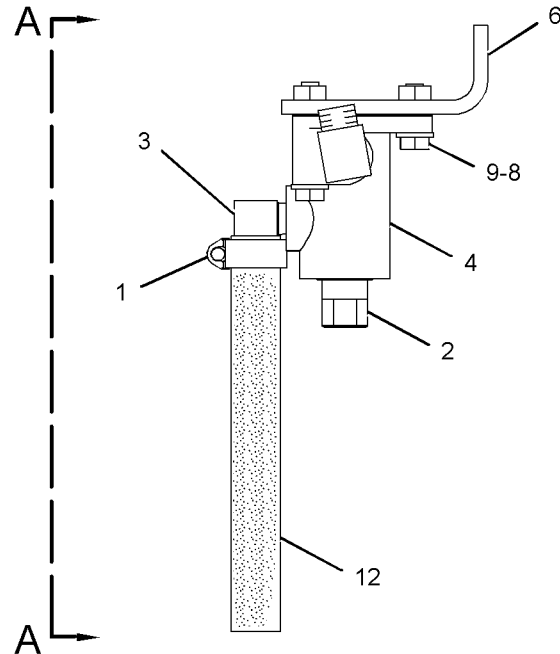
i02910307

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2S-3440	1	CLAMP-HOSE						
	2	1	6N-9590	1	PLUG-DRAIN						
	3	1	6V-0675	1	ELBOW						
	4	1	7E-9171	1	ADAPTER-PLUG						
	5	1	8M-7066	1	GASKET						
	6	1	117-3335	1	BRACKET AS						
	7	1	148-8365	2	ELBOW AS						
					(EACH INCLUDES)						
		1	6V-8398	1	SEAL-O-RING						
		1	3J-1907	1	SEAL-O-RING						
		1	8T-6876	1	ELBOW						
	8	1	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)						
M	9	1	8T-4195	1	BOLT (M10X1.5X30-MM)						
M	10	1	8T-6466	2	BOLT (M10X1.5X60-MM)						
G	12	1	122-6872		HOSE-HYDRAULIC (9.1-IN)						

G-ORDER BY THE INCH
M-METRIC PART



VIEW A-A



SECTION B-B

GRAPHIC #1

<END>

g01450988

AIR INLET AND EXHAUST SYSTEM

224-9455 AFTERCOOLER GP-AIR

S/N: BXY1-UP

PART OF 225-5432, 284-2735 CHASSIS AR

SMCS-1063

i01912694

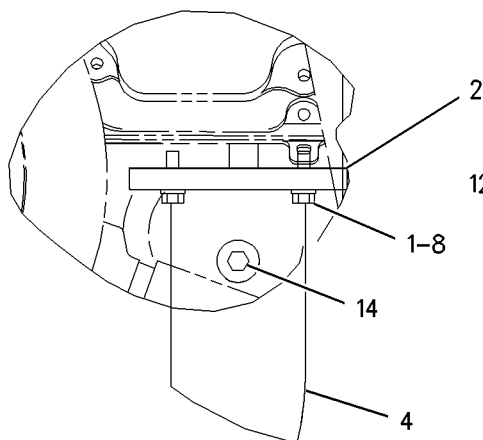
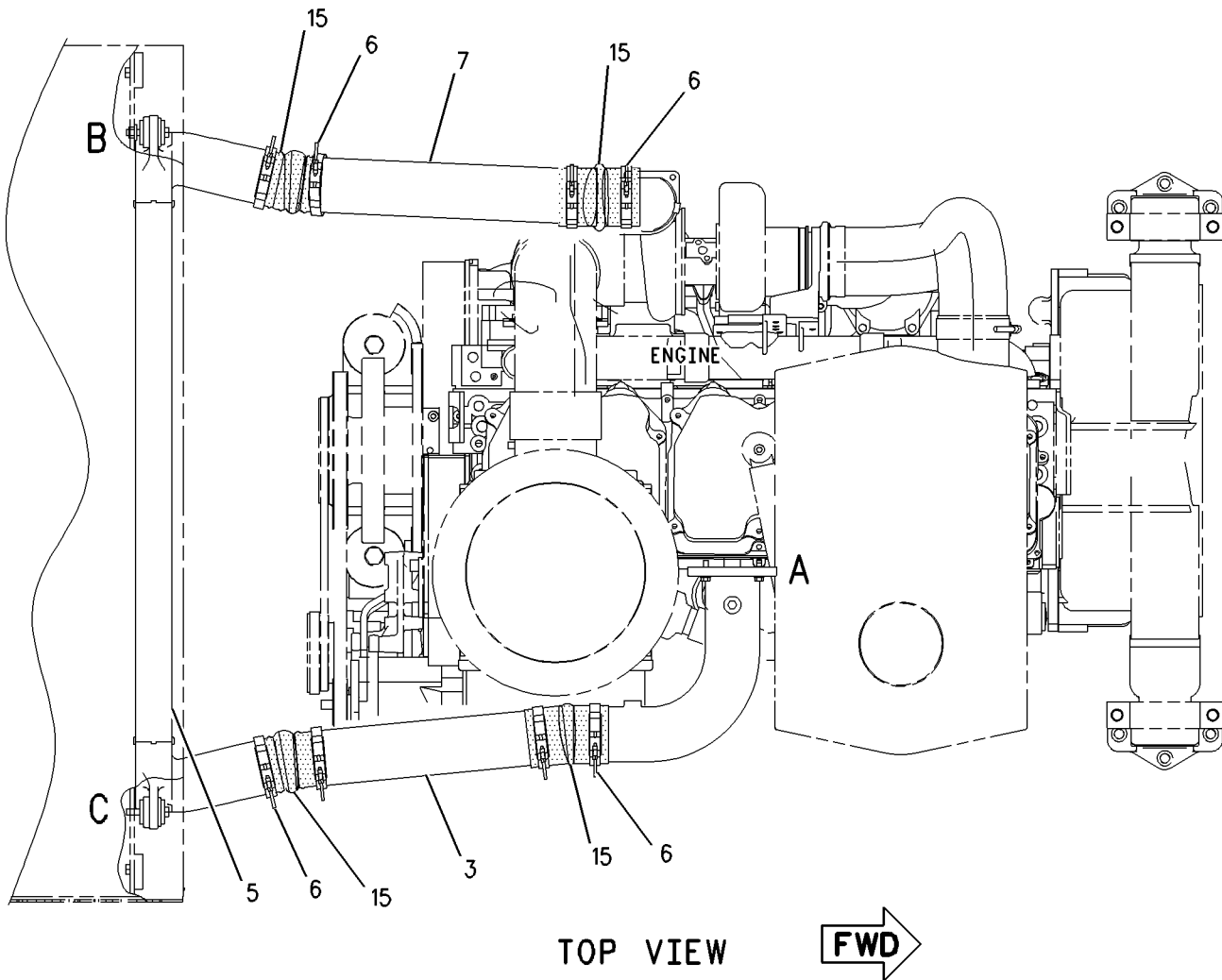
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	0S-1588	4	BOLT (3/8-16X1.25-IN)						
	2	1	101-3125	1	GASKET (AIR INLET MANIFOLD)						
	3	1	167-9196	1	TUBE						
	4	1	185-6334	1	ELBOW						
	5	1	200-1137	1	CORE AS-AFTERCOOLER						
	6	1	208-7448	8	CLAMP						
	7	1	224-9454	1	TUBE						
	8	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	9	1	5P-1076	2	WASHER-HARD (13.5X30X4-MM THK)						
	10	1	7T-8331	4	MOUNT AS						
	11	1	7X-0590	8	WASHER-HARD (13.5X44.5X6-MM THK)						
M	12	1	8T-4244	2	NUT (M12X1.75-THD)						
M	13	1	8T-4648	4	BOLT (M12X1.75X70-MM)						
	14	1	8T-6765	1	PLUG-PIPE						
	15	1	7E-8630	4	HOSE-AIR INLET						

M-METRIC PART

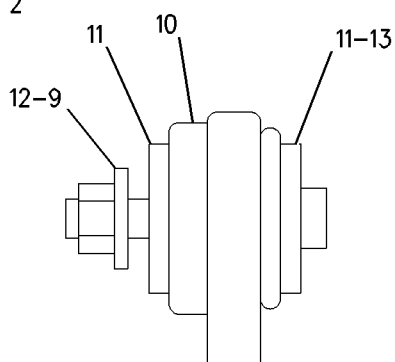
AIR INLET AND EXHAUST SYSTEM

224-9455 AFTERCOOLER GP-AIR (contd.)

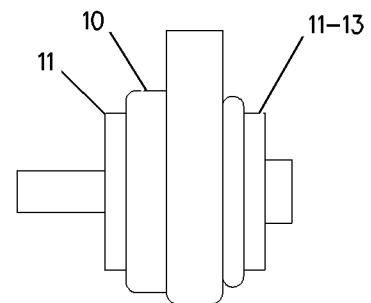
i01912694



VIEW OF AREA A



VIEW OF AREA B



VIEW OF AREA C

GRAPHIC #1

<END>

g01004840

AIR INLET AND EXHAUST SYSTEM

231-7084 AIR CLEANER GP

S/N: BXY1-UP

PART OF 226-9643 INSTALLATION AR-ENGINE

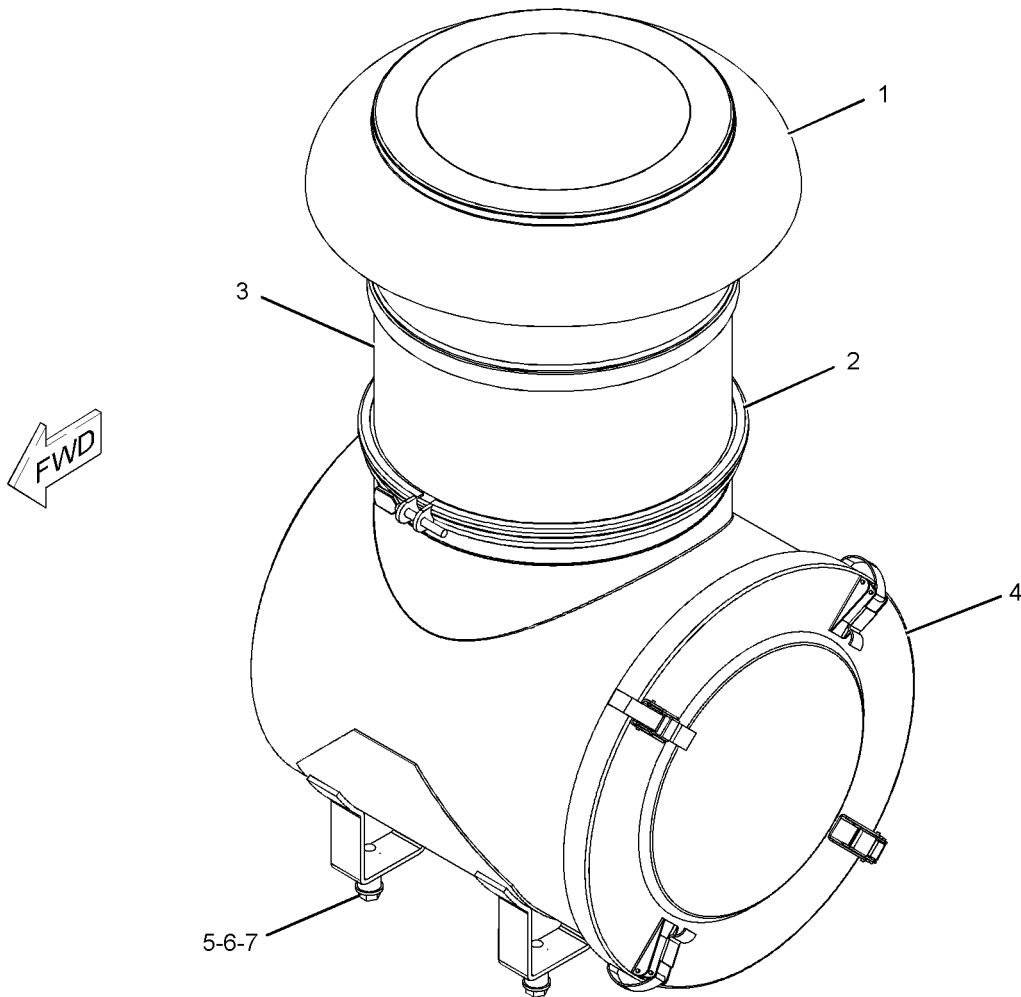
SMCS-1051, 1054

i02216640

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8S-6823	1	HOOD AS						
	2	1	8S-6824	1	CLAMP AS						
	3	1	100-4995	1	BODY AS-PRECLEANER						
Y	4	1	248-8889	1	AIR CLEANER GP						202
	5	1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)						
M	6	1	8T-4184	4	BOLT (M12X1.75X45-MM)						
	7	1	225-9199	4	SPACER (13.5X22X14-MM THK)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01118775

AIR INLET AND EXHAUST SYSTEM

248-8889 AIR CLEANER GP

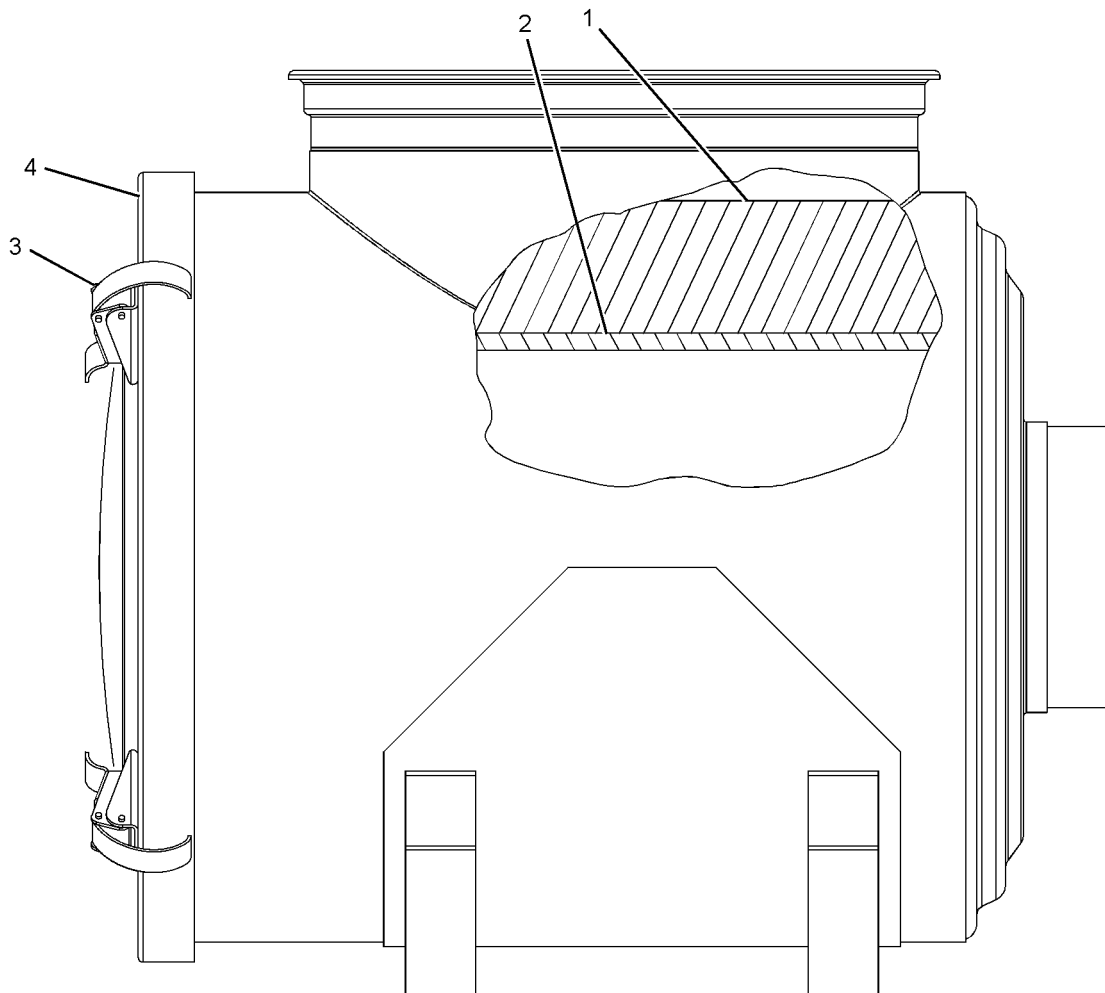
S/N: BXY1-UP

PART OF 231-7084 AIR CLEANER GP

SMCS-1051, 1054

i03024982

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	106-3969	1	FILTER ELEMENT AS-AIR (PRIMARY)						
	2	1	106-3973	1	FILTER ELEMENT AS-AIR (SECONDARY)						
	3	1	8N-4617	4	KIT-AIR CLEANER CLAMP						
					(INCLUDES CLIP AS AND RIVET)						
	4	1	249-0945	1	COVER AS						
		1	165-5030	1	SEAL-AIR CLEANER CUP						



GRAPHIC #1

<END>

g01117559

AIR INLET AND EXHAUST SYSTEM

237-1964 COVER GP-TURBOCHARGER

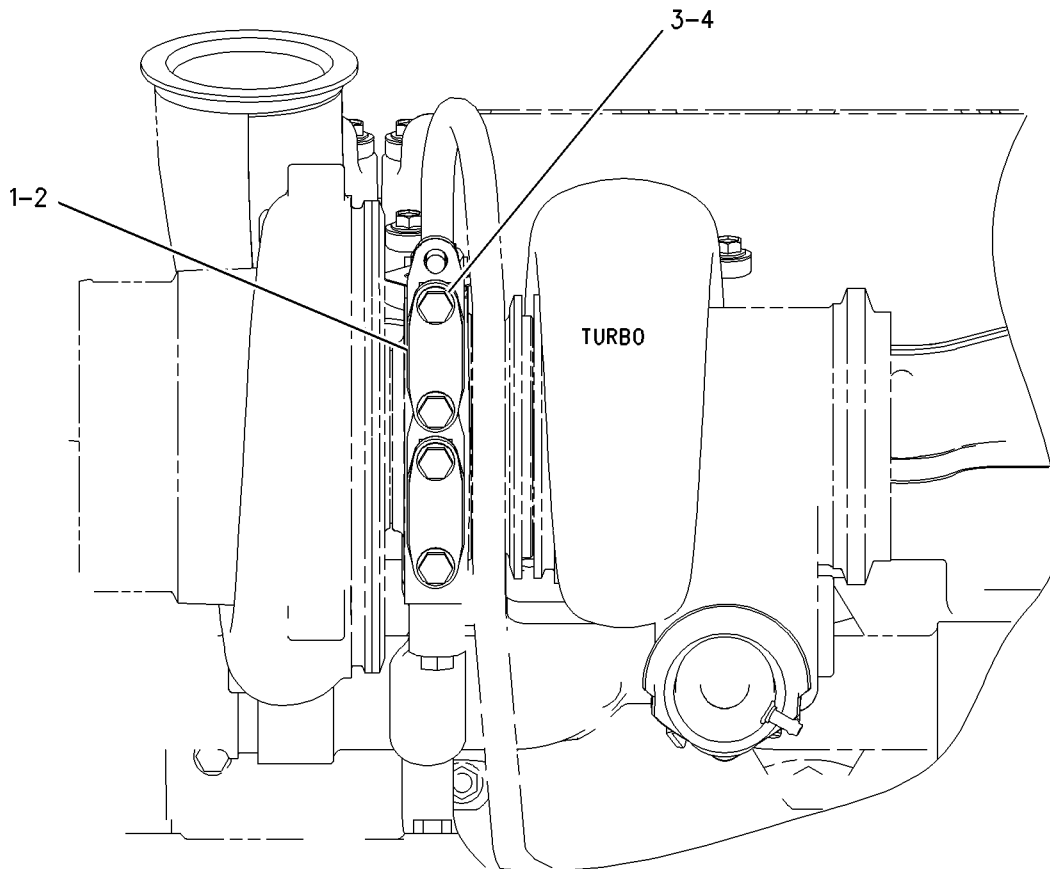
S/N: RHX1-UP

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMplete
AN ATTACHMENT

SMCS-1052, 1073

i02224997

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	241-3283	2	GASKET						
	2	1	7N-7878	2	PLATE-COVER						
	3	1	0S-1594	4	BOLT (3/8-16X1-IN)						
	4	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5-MM THK)						



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g01002636

AIR INLET AND EXHAUST SYSTEM

232-0364 DUST EJECTOR GP

S/N: BXY1-UP

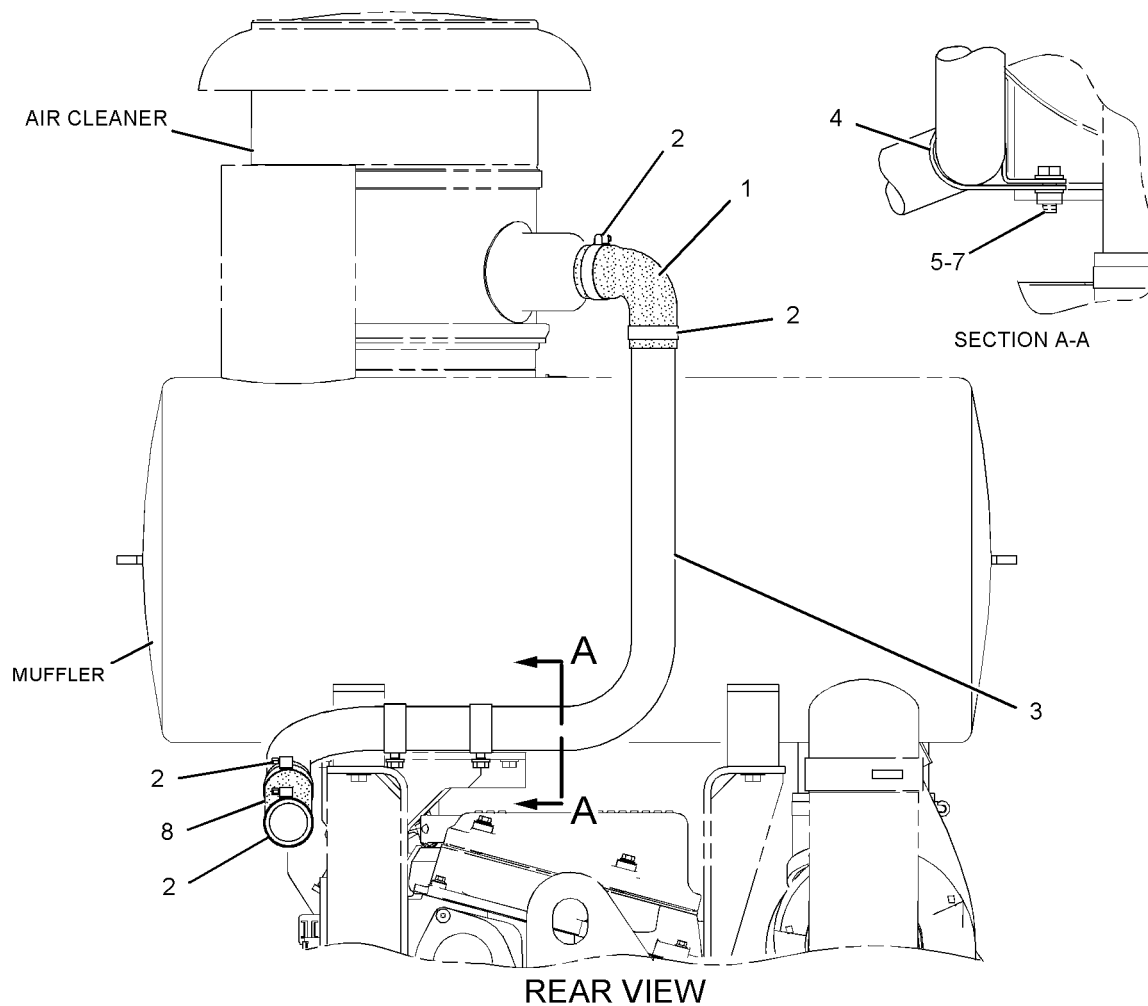
PART OF 226-9643 INSTALLATION AR-ENGINE

SMCS-1068

i02369954

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	067-9425	1	HOSE (DUST EJECTOR)						
	2	1	5P-0597	4	CLAMP-HOSE						
	3	1	232-0350	1	TUBE						
	4	1	8L-8137	2	CLIP						
	5	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
M	7	1	8T-4195	2	BOLT (M10X1.5X30-MM)						
	8	1	273-2999	1	HOSE						

M-METRIC PART



GRAPHIC #1

<END>

g01119271

AIR INLET AND EXHAUST SYSTEM

268-1960 EXTENSION GP-EXHAUST

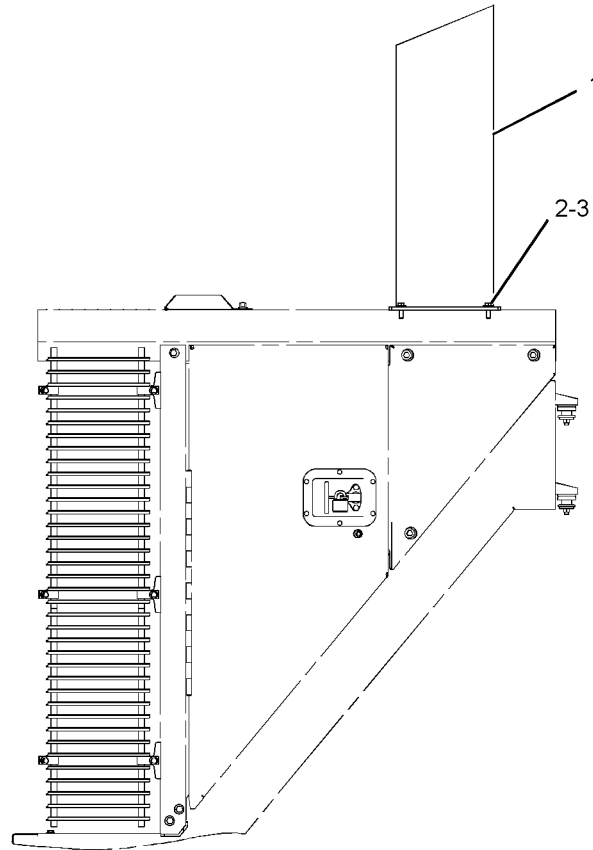
S/N: BXY1-UP

PART OF 226-1956 COOLING AR-HIGH AMBIENT TEMP
AN ATTACHMENT

SMCS-1061

i02323132

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	226-6571	1	PIPE AS-EXHAUST	
	2	1	5P-1076	4	WASHER-HARD (13.5X30X4-MM THK)	
M	3	1	8T-4183	4	BOLT (M12X1.75X40-MM)	
M-METRIC PART						



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g01163642

AIR INLET AND EXHAUST SYSTEM

268-1961 EXTENSION GP-EXHAUST

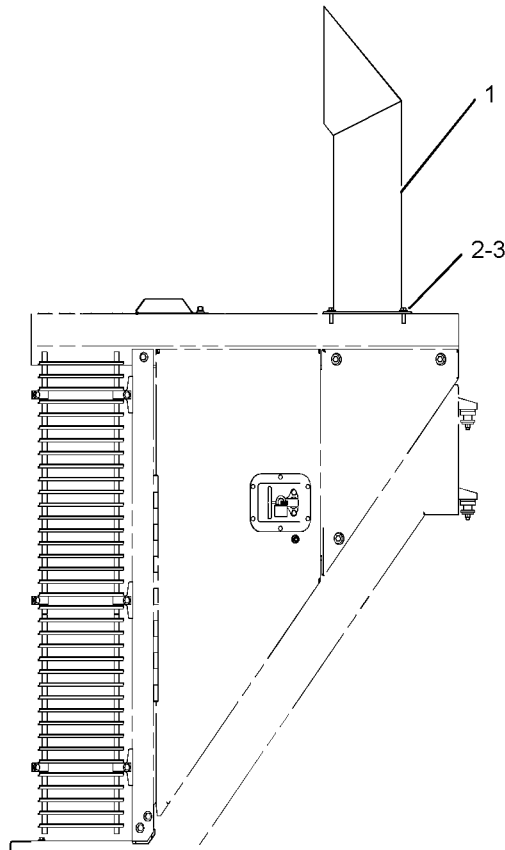
S/N: BXY1-UP

PART OF 225-6725, 226-1954 COOLING AR
AN ATTACHMENT

SMCS-1061

i02304421

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	143-3669	1	STACK AS-EXHAUST	
	2	1	5P-1076	4	WASHER-HARD (13.5X30X4-MM THK)	
M	3	1	8T-4183	4	BOLT (M12X1.75X40-MM)	
M-METRIC PART						



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g01160338

AIR INLET AND EXHAUST SYSTEM

126-0081 LINES GP-AIR-TURBOCHARGER OUTLET

S/N: RHX1-530

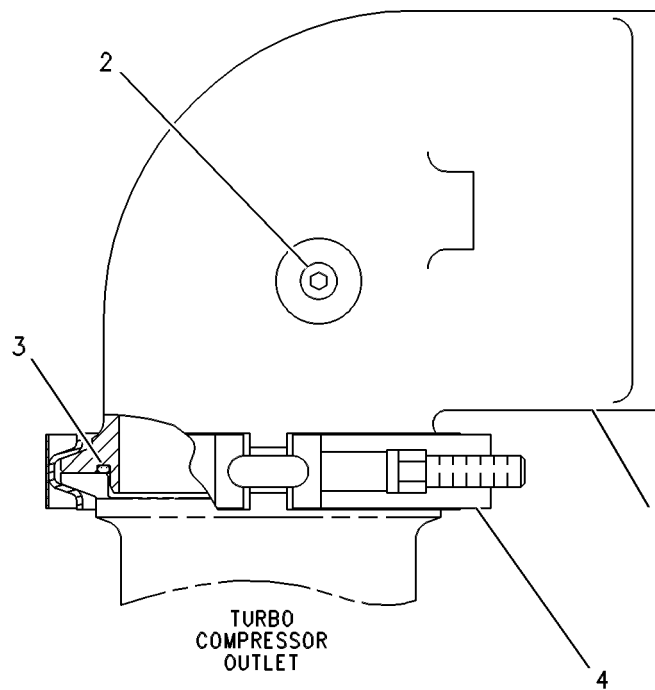
90 DEGREE OUTLET ELBOW

PART OF 225-6065, 225-6106 ENGINE AR-COMplete
AN ATTACHMENT

SMCS-1071

i00613610

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	124-2708	1	ELBOW						
	2	1	8T-6757	1	PLUG-PIPE						
	3	1	8C-3089	1	SEAL-O-RING						
	4	1	127-0929	1	CLAMP						



GRAPHIC #1

<END>

g00251431

AIR INLET AND EXHAUST SYSTEM

126-0081 LINES GP-AIR-TURBOCHARGER OUTLET

S/N: RHX1-UP

90 DEGREE OUTLET ELBOW

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMPLETE

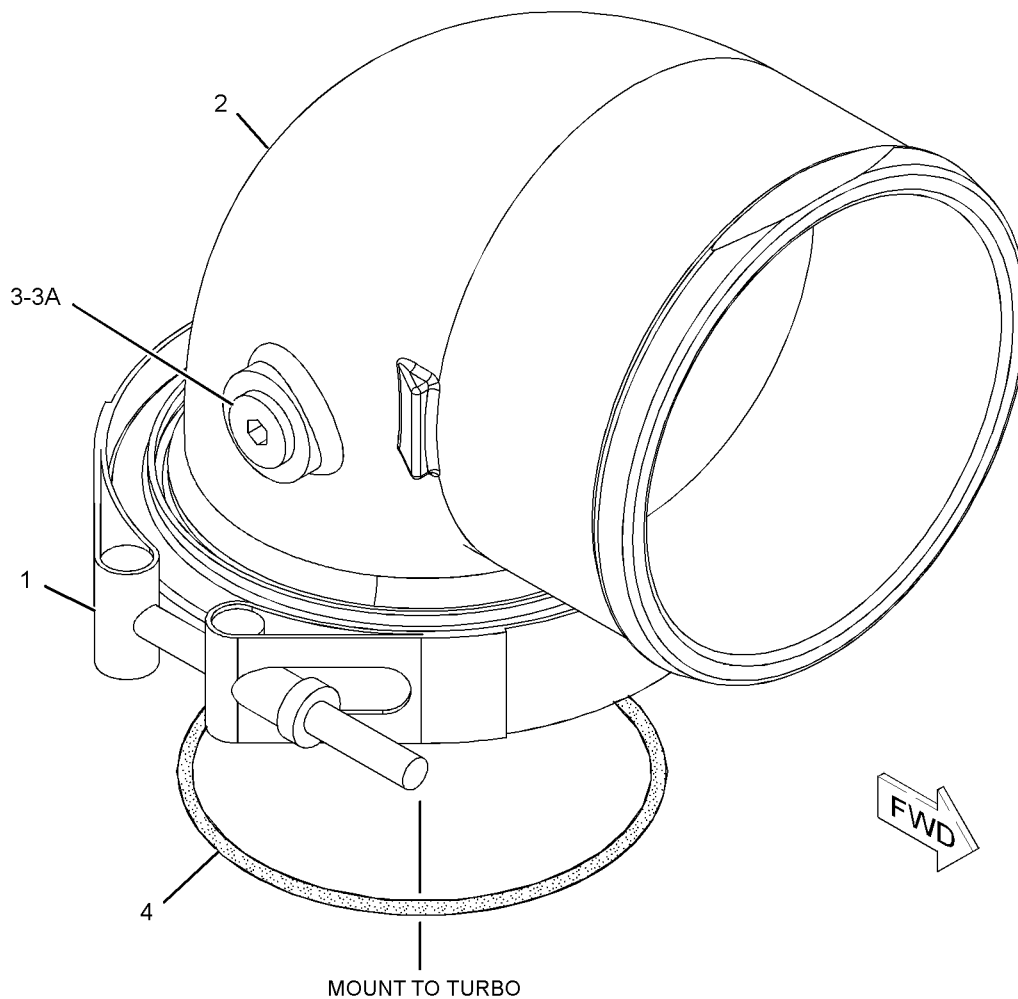
AN ATTACHMENT

SMCS-1071

i02305444

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	127-0929	1	CLAMP						
C	2	1	217-8946	1	ELBOW						
C	3	1	183-3409	1	PLUG AS						
	3A	1	033-5853	1	SEAL-O-RING						
		1	9S-8002	1	PLUG-O-RING						
	4	1	8C-3089	1	SEAL-O-RING						

C-CHANGE FROM PREVIOUS TYPE
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GRAPHIC #1

<END>

g01154678

AIR INLET AND EXHAUST SYSTEM

232-0347 LINES GP-AIR

S/N: BXY1-UP

PART OF 226-9643 INSTALLATION AR-ENGINE

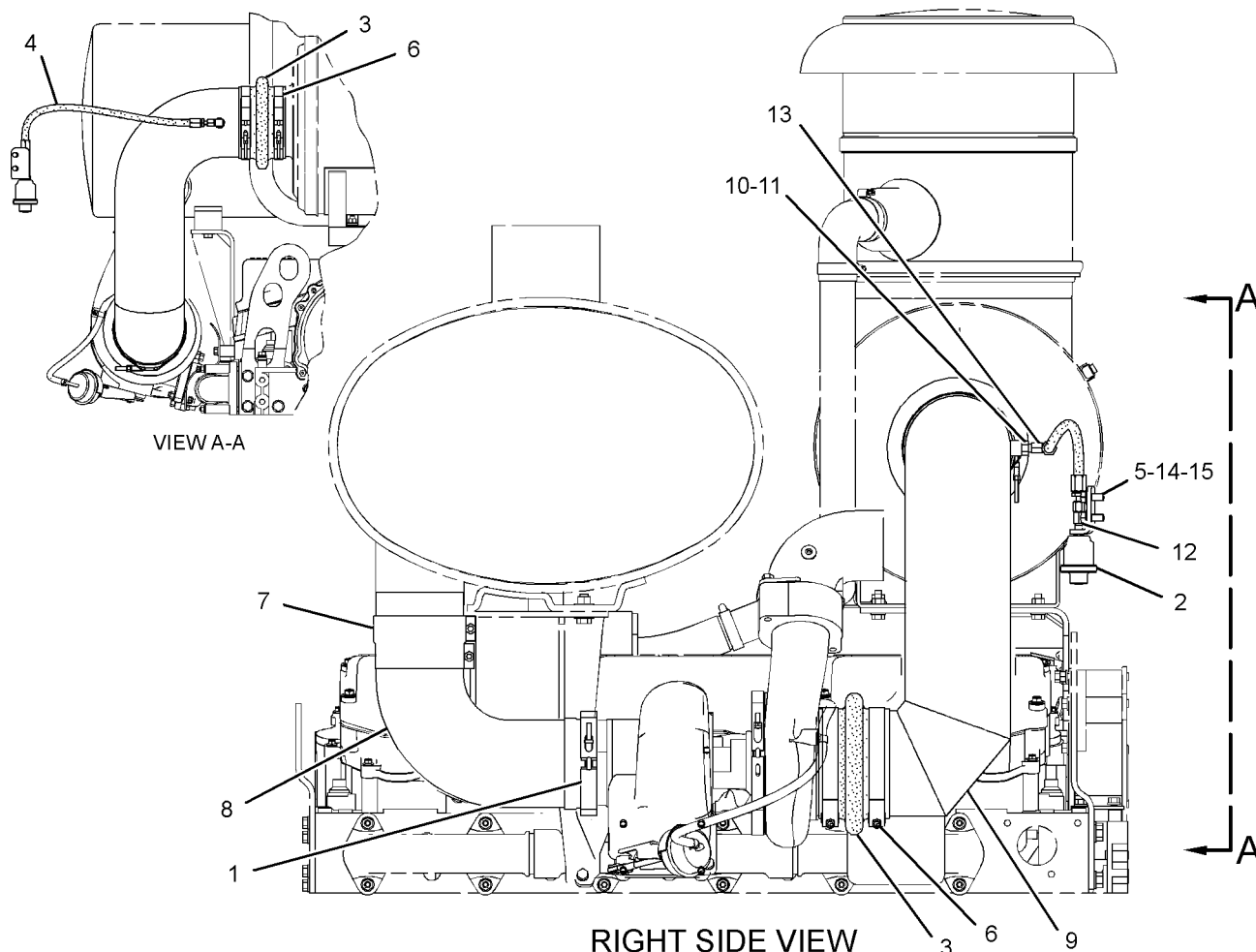
SMCS-1071

i02672176

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	4W-9160	1	CLAMP-V BAND	
	2	1	7W-7417	1	INDICATOR AS (AIR FILTER SERVICE)	
	3	1	9X-4008	2	HOSE	
I	4	1	223-0147	1	HOSE AS	
	5	1	166-7057	1	BRACKET AS	
		1	3B-7733	1	FITTING	
	6	1	219-0313	4	CLAMP	
	7	1	241-9265	1	CLAMP-MUFFLER	
	8	1	246-4395	1	TUBE AS	
	9	1	272-0455	1	TUBE AS	
	10	1	2P-1314	1	CONNECTOR	
	11	1	3J-1907	1	SEAL-O-RING	
	12	1	5D-9231	1	CONNECTOR	
	13	1	7K-9197	1	ELBOW	
	14	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)	
M	15	1	8T-4136	2	BOLT (M10X1.5X25-MM)	

I-REFER TO HYDRAULIC INFORMATION SYSTEM

M-METRIC PART



RIGHT SIDE VIEW

<END>

GRAPHIC #1

g01347186

AIR INLET AND EXHAUST SYSTEM

220-6372 MANIFOLD GP-EXHAUST

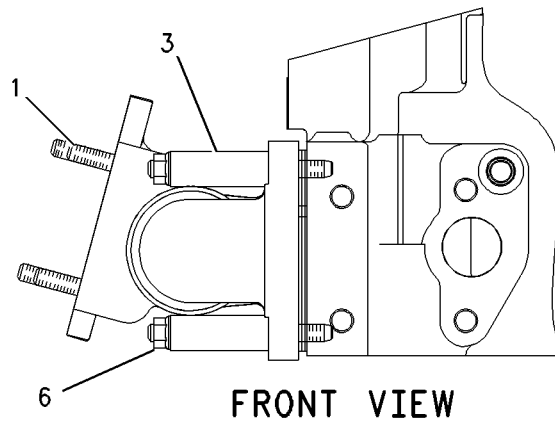
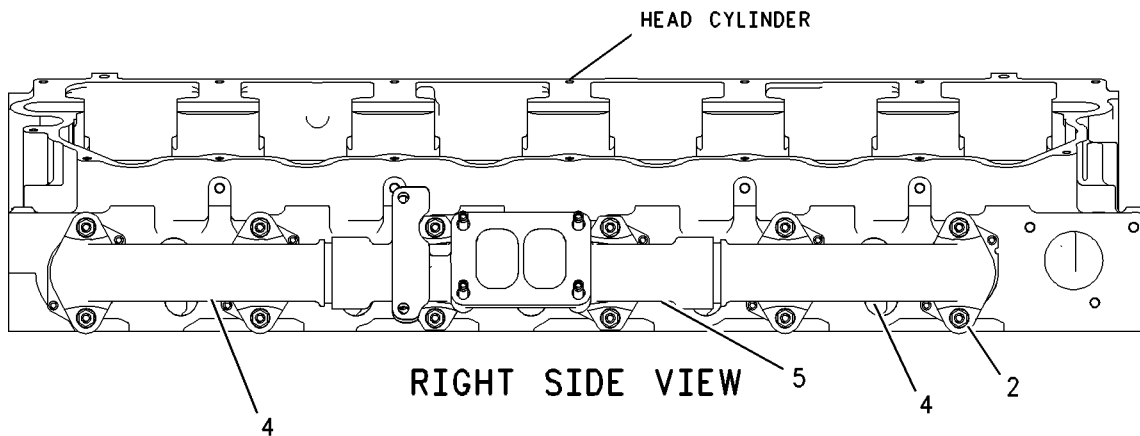
S/N: RHX1-UP

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMplete
AN ATTACHMENT

SMCS-1059

i03785272

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	313-9550	4	STUD-TAPERLOCK (3/8-16X2.165-IN) (HIGH TEMPERATURE)	
	2	1	106-1792	12	STUD-TAPERLOCK (3/8-16X4-IN) (HIGH TEMPERATURE)	
	3	1	108-3612	12	SPACER (11.13X19.05X53-MM THK)	
	4	1	133-3359	2	MANIFOLD-EXHAUST (END)	
	5	1	221-1426	1	MANIFOLD-EXHAUST (CENTER)	
	6	1	2N-2766	12	LOCKNUT (3/8-16-THD)	



GRAPHIC #1

<END>

g01002978

AIR INLET AND EXHAUST SYSTEM

230-9962 MOUNTING GP-MUFFLER

S/N: RHX1-UP

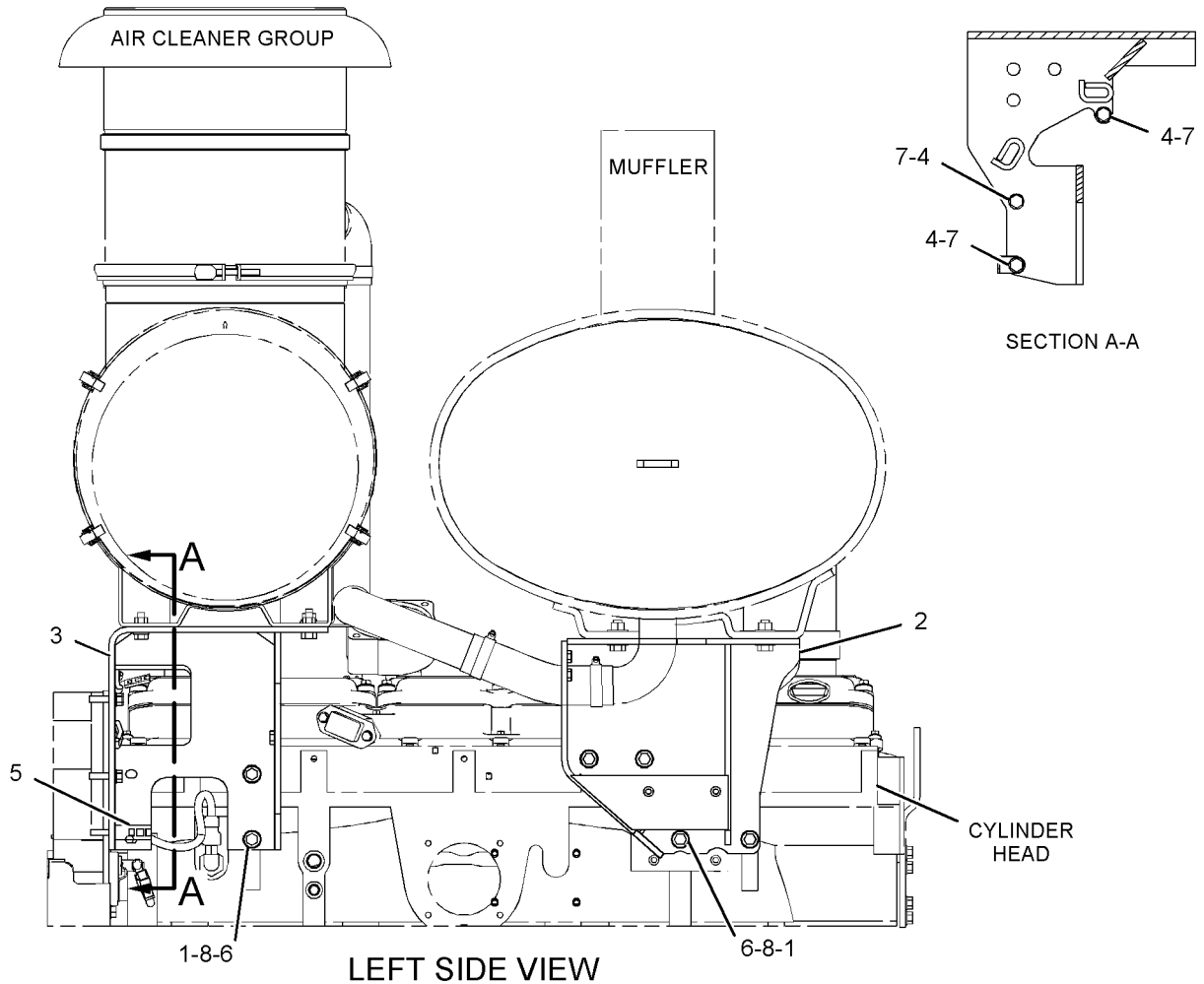
PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMPLETE
AN ATTACHMENT

SMCS-1062

i02212700

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	101-3120	6	SPACER (10.5X25X20-MM THK)	
	2	1	230-9961	1	SUPPORT AS	
		1	1F-0750	6	NUT-WELD (3/8-16-THD)	
		1	4K-9097	3	NUT-WELD (5/16-18-THD)	
	3	1	232-0366	1	SUPPORT AS	
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)	
		1	1F-0750	1	NUT-WELD (3/8-16-THD)	
		1	7T-1099	2	LINK	
	4	1	0S-1591	3	BOLT (3/8-16X1.5-IN)	
	5	1	132-5789	1	CLIP	
	6	1	1C-2251	6	BOLT (3/8-16X1.87-IN)	
	7	1	5M-2894	3	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	8	1	8M-9024	6	WASHER-HARD (10.2X22.5X5-MM THK)	

M-METRIC PART



GRAPHIC #1

<END>

g01126538

AIR INLET AND EXHAUST SYSTEM

231-7090 MUFFLER GP

S/N: BXY1-UP

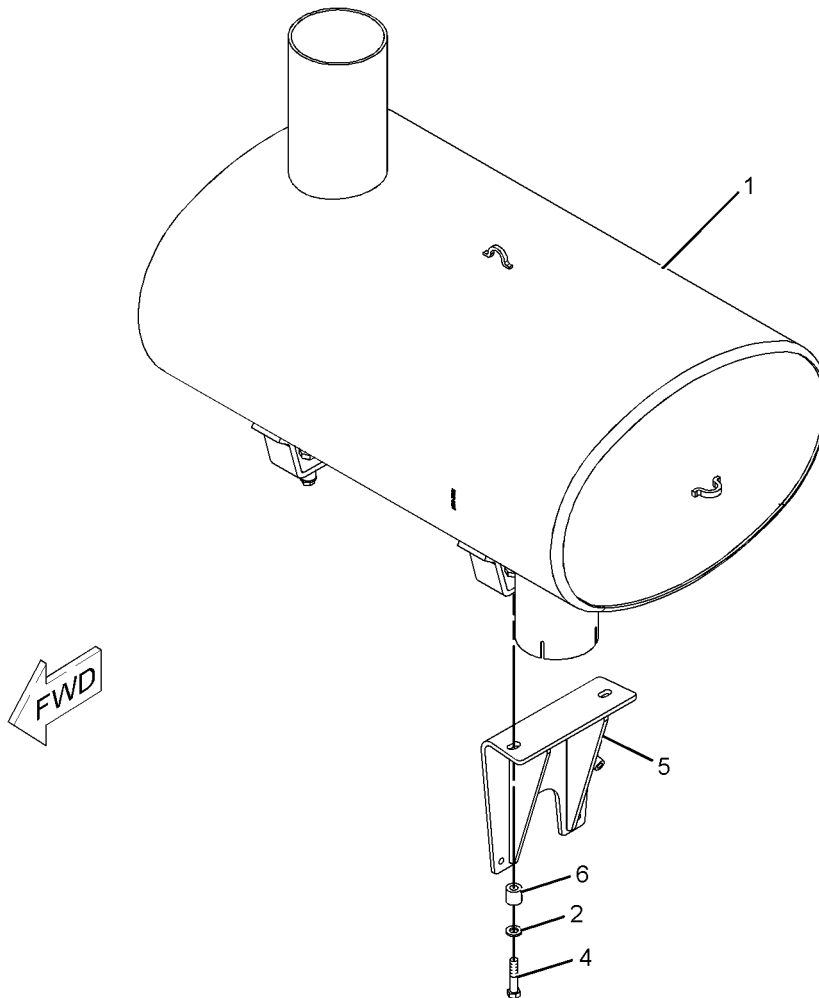
PART OF 226-9643 INSTALLATION AR-ENGINE

SMCS-1062

i02216777

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	224-2687	1	MUFFLER AS						
	2	1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)						
M	4	1	8T-4910	4	BOLT (M12X1.75X60-MM)						
	5	1	232-0348	1	SUPPORT AS						
		1	4D-6293	1	BOSS (3/8-16X1.31-IN)						
	6	1	122-4026	4	SPACER (13X25X25-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01118800

AIR INLET AND EXHAUST SYSTEM

240-2653 SHIELD GP-MANIFOLD-EXHAUST MANIFOLD

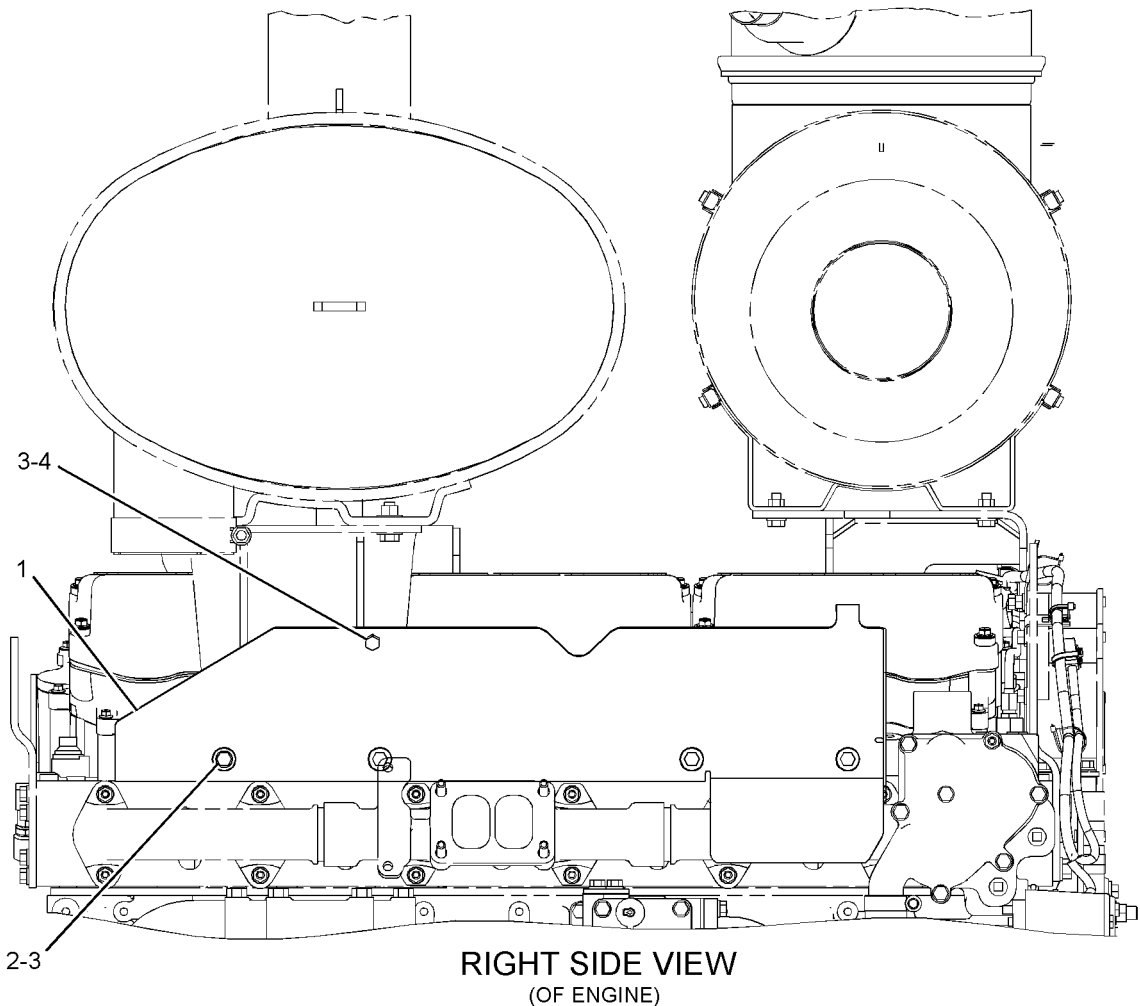
S/N: BXY1-UP

PART OF 226-9643 INSTALLATION AR-ENGINE

SMCS-1067

i02223453

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	239-8129	1	SHIELD AS						
M		1	8T-3612	1	NUT-WELD (M8X1.25-THD)						
	2	1	5P-3961	4	BOLT (3/8-16X2.5-IN)						
	3	1	8T-4896	5	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	4	1	9B-7237	1	BOLT (3/8-16X1.25-IN)						
M-METRIC PART											



GRAPHIC #1

<END>

g01122962

AIR INLET AND EXHAUST SYSTEM

238-8685 TURBOCHARGER GP

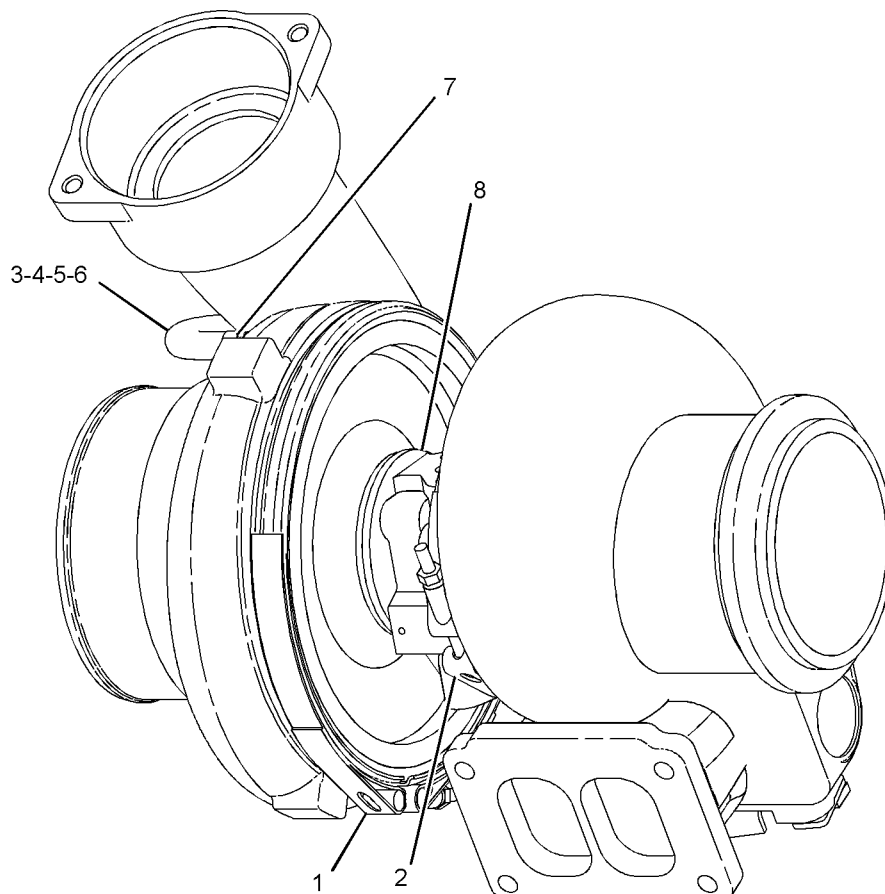
S/N: RHX1-943

PART OF 246-6624 TURBOCHARGER GP
AN ATTACHMENT

SMCS-1052, 1053

i02294007

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	115-7087	1	BOLT (M6X0.04X10.4-MM)						
	4	1	161-6958	1	CLIP-HOSE						
	5	1	242-3360		HOSE (49-CM)						
	6	1	258-4524		SLEEVE (49-CM)						
	7	1	161-6963	2	CLAMP						
	8	1	262-6754	1	CARTRIDGE GP-TURBOCHARGER						



GRAPHIC #1

<END>

g01115584

AIR INLET AND EXHAUST SYSTEM

246-6624 TURBOCHARGER GP

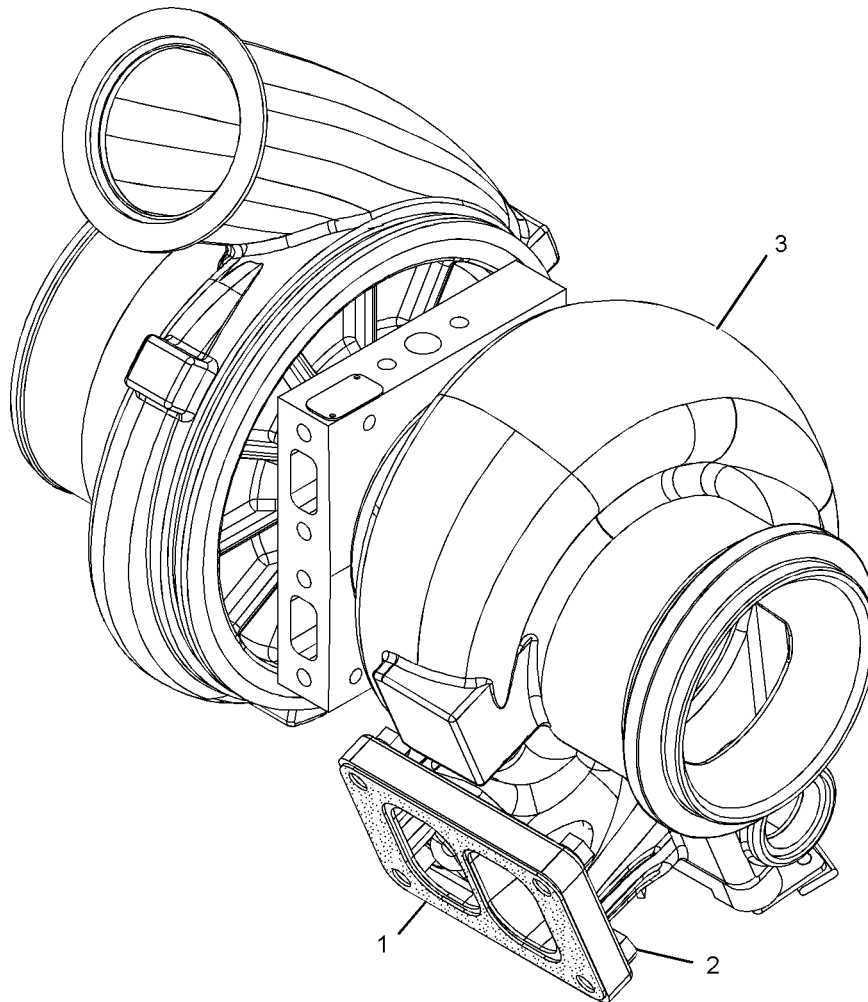
S/N: RHX1-946

WATER COOLED TURBO WITH A TITANIUM WHEEL
PART OF 225-6065, 225-6106 ENGINE AR-COMplete
AN ATTACHMENT

SMCS-1052, 1053

i02062063

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	1S-4295	1	GASKET (TURBOCHARGER)	
	2	1	168-7800	4	LOCKNUT (3/8-16-THD)	
Y	3	1	238-8685	1	TURBOCHARGER GP	214
Y-SEPARATE ILLUSTRATION						



GRAPHIC #1

<END>

g01058578

AIR INLET AND EXHAUST SYSTEM

246-6624 TURBOCHARGER GP

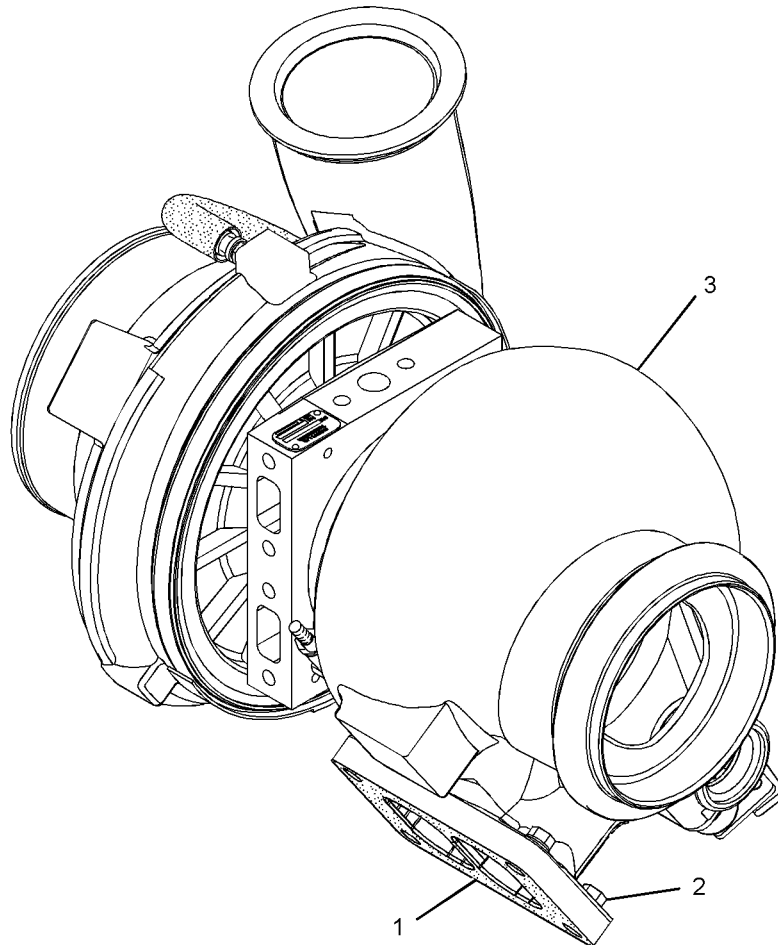
S/N: RHX944-5309

WATER COOLED TURBO WITH A TITANIUM WHEEL
PART OF 225-6065, 225-6106 ENGINE AR-COMplete
AN ATTACHMENT

SMCS-1052, 1053

i02309975

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1S-4295	1	GASKET (TURBOCHARGER)						
	2	1	168-7800	4	LOCKNUT (3/8-16-THD)						
CY	3	1	266-0195	1	TURBOCHARGER GP						218
C-CHANGE FROM PREVIOUS TYPE Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g01161091

AIR INLET AND EXHAUST SYSTEM

246-6624 TURBOCHARGER GP

S/N: RHX1-UP

WATER COOLED TURBO WITH A TITANIUM WHEEL

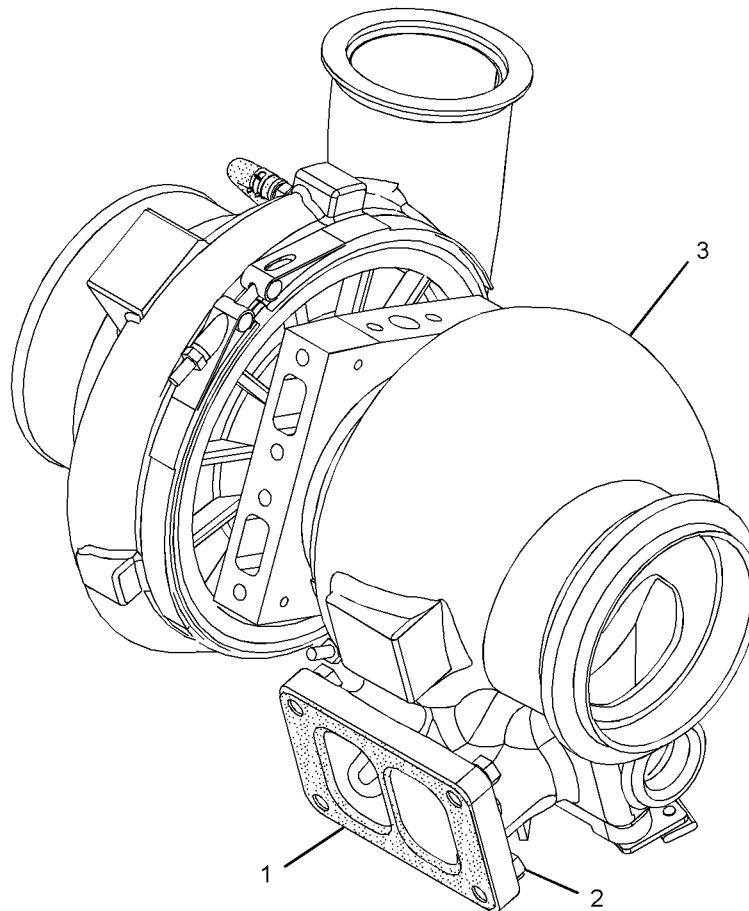
PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMPLETE
AN ATTACHMENT

SMCS-1052, 1053

i03785372

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	1S-4295	1	GASKET (TURBOCHARGER)	
	2	1	2N-2766	4	LOCKNUT (3/8-16-THD)	
CYR	3	1	296-7632	1	TURBOCHARGER GP	219

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



GRAPHIC #1

<END>

g01445374

AIR INLET AND EXHAUST SYSTEM

266-0195 TURBOCHARGER GP*R

S/N: RHX944-5309

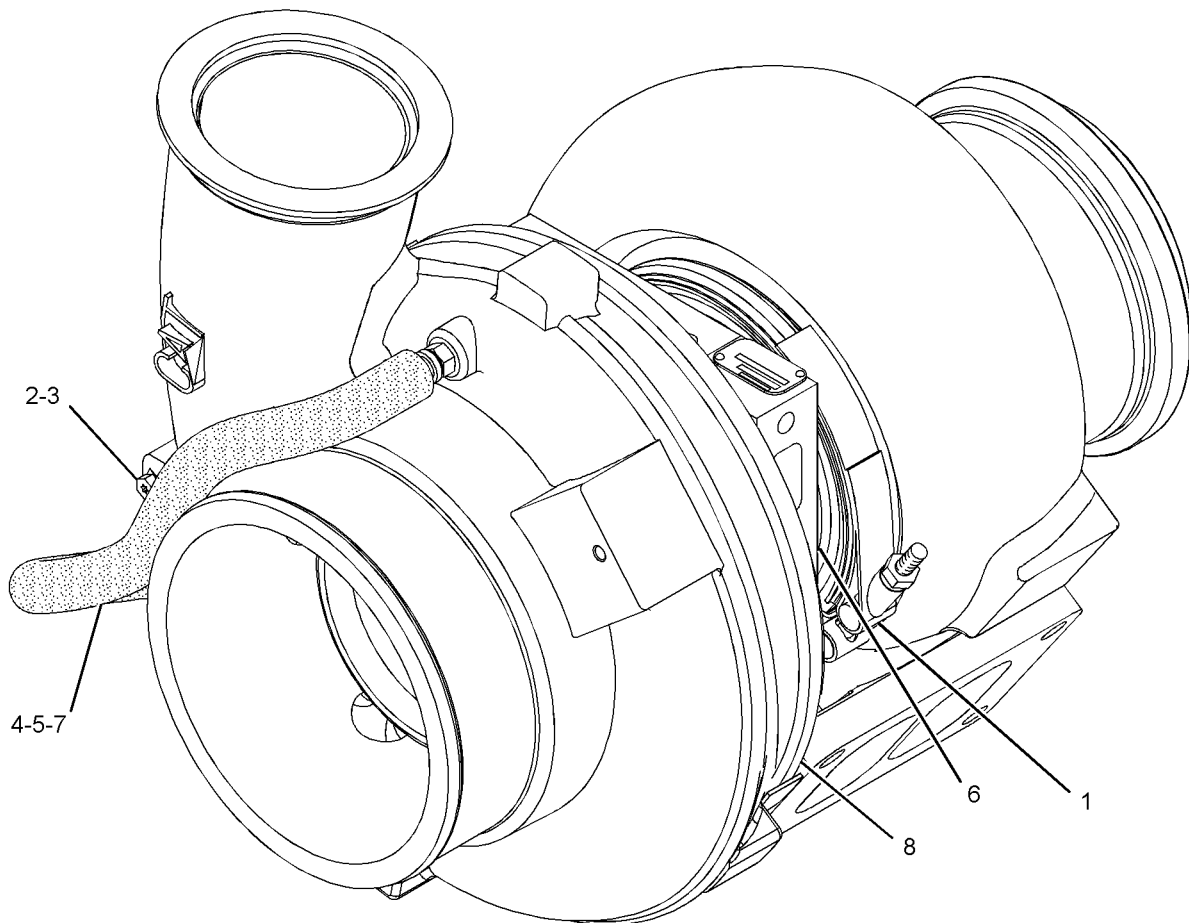
PART OF 246-6624 TURBOCHARGER GP
AN ATTACHMENT

SMCS-1052, 1053

i02667263

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9N-2038	1	CLAMP AS-TURBINE						
	2	1	115-7087	1	BOLT (M6X0.04X10.4-MM)						
	3	1	161-6958	1	CLIP-HOSE						
	4	1	161-6963	2	CLAMP						
E	5	1	242-3360		HOSE (40-CM)						
R	6	1	267-8658	1	CARTRIDGE GP-TURBOCHARGER						
E	7	1	258-4524		SLEEVE (22-CM)						
	8	1	268-2960	1	CLAMP AS (COMPRESSOR)						

E-ORDER BY THE CENTIMETER
R-REMFG PART MAY BE AVAILABLE



GRAPHIC #1

<END>

g01161022

AIR INLET AND EXHAUST SYSTEM

296-7632 TURBOCHARGER GP*R

S/N: RHX5310-UP

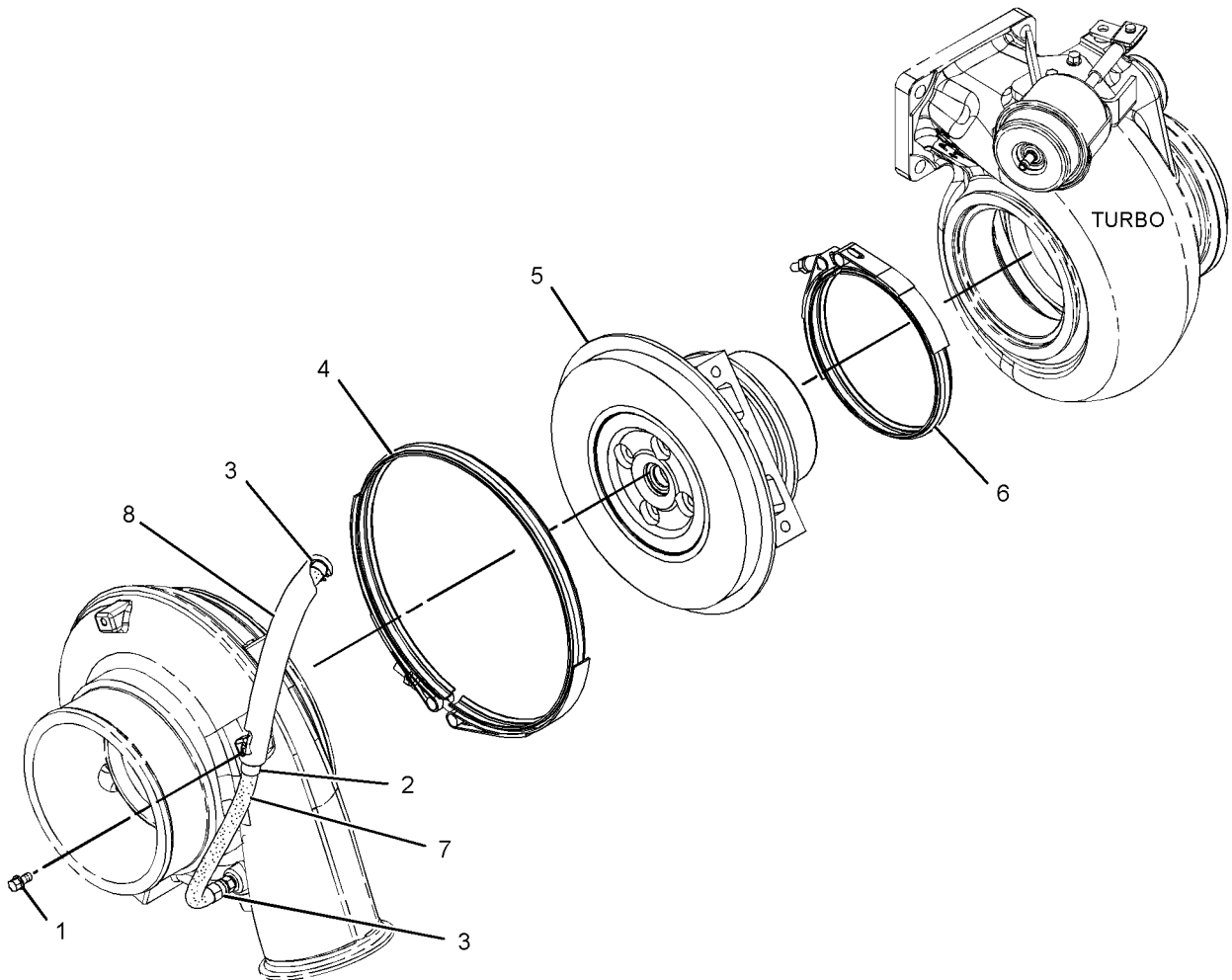
PART OF 246-6624 TURBOCHARGER GP
AN ATTACHMENT

SMCS-1052, 1053

i02863403

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	115-7087	1	BOLT (M6X0.04X10.4-MM)						
	2	1	161-6958	1	CLIP-HOSE						
	3	1	161-6963	2	CLAMP						
	4	1	268-2960	1	CLAMP AS (COMPRESSOR)						
	5	1	302-1410	1	CARTRIDGE GP -TURBOCHARGER						
	6	1	9N-2038	1	CLAMP AS-TURBINE						
E	7	1	242-3360		HOSE (38-CM)						
E	8	1	258-4524		SLEEVE (18-CM)						

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g01445483

FUEL SYSTEM

221-8691 ADAPTER GP-FAST FILL FUEL

S/N: BXY1-UP

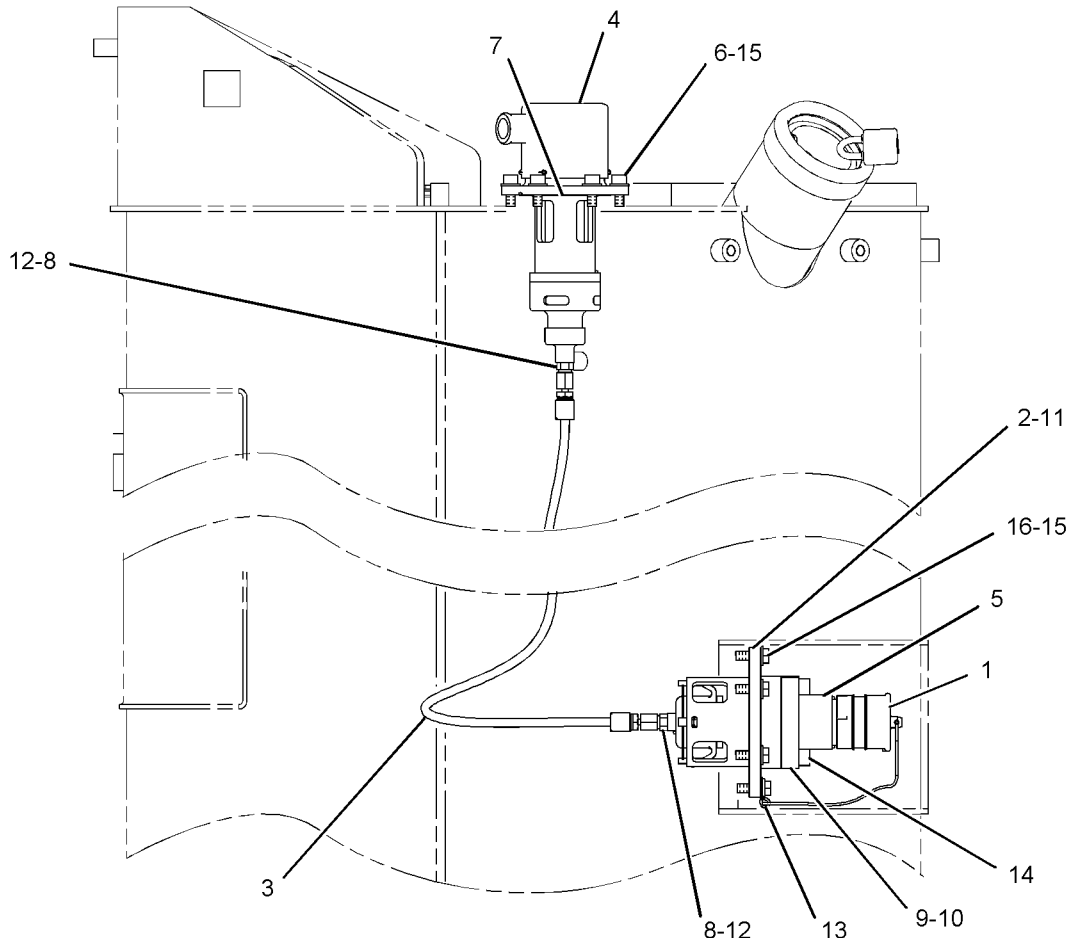
PART OF 226-0947, 226-1244 FUEL AR-FAST FILL
AN ATTACHMENT

SMCS-1710

i01941779

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	221-7693	1	VALVE (FAST FILL FUEL)						
	3	1	221-8693	1	HOSE AS						
	4	1	223-4591	1	VENT AS						
C	5	1	232-1767	1	RECEIVER AS (FAST FILL FUEL)						
M	6	1	105-3484	6	BOLT-SOCKET HEAD (M10X1.5X25-MM)						
	7	1	1H-8128	1	SEAL-O-RING						
	8	1	1J-9671	2	SEAL-O-RING						
C	9	1	1P-4582	2	FLANGE-HALF						
	10	1	4J-0527	1	SEAL-O-RING						
	11	1	5H-6734	1	SEAL-O-RING						
	12	1	5P-2618	2	CONNECTOR						
	13	1	8M-2772	1	CLIP						
CM	14	1	8T-0273	4	BOLT-SOCKET HEAD (M12X1.75X40-MM)						
CM	15	1	8T-4195	6	BOLT (M10X1.5X30-MM)						
	16	1	8T-4121	12	WASHER-HARD (11X21X2.5-MM THK)						

C-CHANGE FROM PREVIOUS TYPE
M-METRIC PART



FRONT VIEW
<END>

GRAPHIC #1

g01078993

FUEL SYSTEM

285-1202 ADAPTER GP-FAST FILL FUEL

S/N: BXY1-UP
FIELD INSTALLATION

SMCS-1710

i03545262

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
J	1	1	7X-7700	1	CAP AS-FILLER (FUEL TANK)	
		1	9X-8600	1	SEAL-O-RING	
	2	1	9D-0630	1	CAP-DUST	
	3	1	221-5303	1	PLATE	
	4	1	221-5304	1	PLATE	
	5	1	221-7693	1	VALVE (FAST FILL FUEL)	
	6	1	224-2988	1	VENT AS	
	7	1	232-1767	1	RECEIVER AS (FAST FILL FUEL)	
M	8	1	105-3484	6	BOLT-SOCKET HEAD (M10X1.5X25-MM)	
	9	1	146-3338	2	COUPLING-PERMANENT	
	10	1	1H-8128	1	SEAL-O-RING	
	11	1	1J-9671	2	SEAL-O-RING	
	12	1	1P-4582	2	FLANGE-HALF	
	13	1	4J-0527	1	SEAL-O-RING	
	14	1	5H-6734	1	SEAL-O-RING	
	15	1	5P-2618	2	CONNECTOR	
M	16	1	6V-8200	4	BOLT-SOCKET HEAD (M12X1.75X35-MM)	
	17	1	8M-2772	1	CLIP	
	18	1	8T-4121	12	WASHER-HARD (11X21X2.5-MM THK)	
M	19	1	8T-4136	6	BOLT (M10X1.5X25-MM)	
	20	1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)	
BE	21	1	224-7696		HOSE (183-CM)	
AVAILABLE REPAIR KIT(S):						
J			9X-2205	1	KIT-CAP FILTER (FUEL TANK)	
(INCLUDES FILTER AS, SCREWS, GASKETS & VALVE)						

B-USE AS REQUIRED

E-ORDER BY THE CENTIMETER

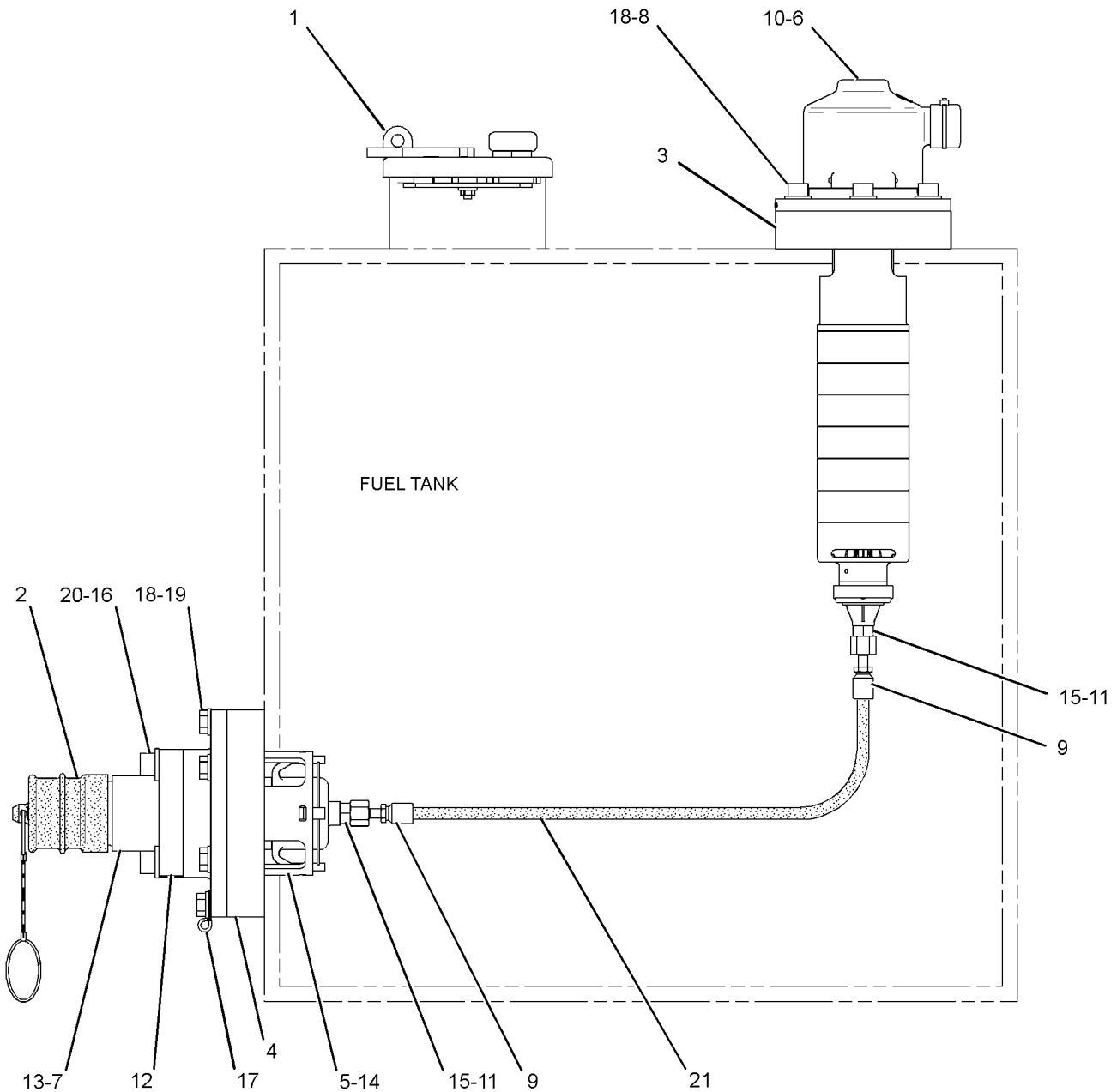
J-KIT MARKED J SERVICES PART MARKED J

M-METRIC PART

FUEL SYSTEM

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

i03545262



GRAPHIC #1

<END>

g01310892

FUEL SYSTEM

231-0321 FILTER GP-FUEL-SECONDARY

S/N: RHX1-1850

PART OF 225-6065, 225-6106 ENGINE AR-COMplete
AN ATTACHMENT

SMCS-1261

i02314486

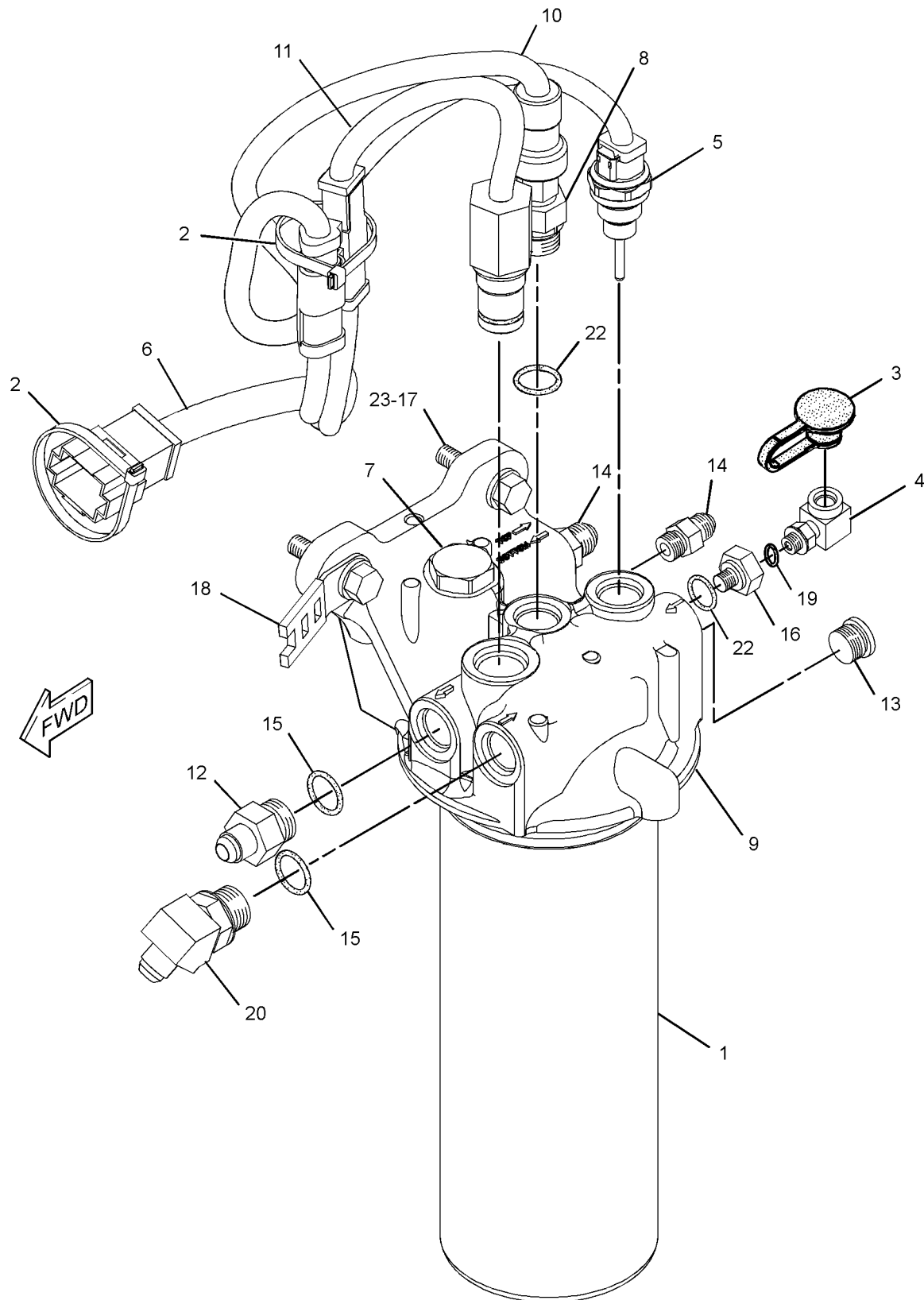
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1R-0762	1	FILTER-FUEL (ADVANCED EFFICIENCY) (HIGH EFFICIENCY)						
	2	1	3S-2093	2	STRAP-CABLE (FUEL PRESSURE SENSOR)						
	3	1	6V-0852	1	CAP-DUST						
	4	1	127-0785	1	ELBOW						
Y	5	1	197-8391	1	SENSOR GP-TEMPERATURE (FUEL)						435
	6	1	227-3812	1	HARNESS AS-SENSOR (FUEL FILTER)						
		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	8T-8737	1	PLUG-SEAL						
		1	155-2270	2	KIT-CONNECTING PLUG (2-PIN)						
					(INCLUDES PLUG AS AND WEDGE)						
Y	7	1	233-6742	1	VALVE GP-CHECK (FUEL)						270
	8	1	235-3595	1	ADAPTER						
	9	1	237-9310	1	BASE AS						
		1	9S-4167		STUD-HOLLOW (1-14X1.47-IN)						
Y	10	1	239-2396	1	SENSOR GP-PRESSURE (FUEL)						424
Y	11	1	258-0883	1	SWITCH GP-PRESSURE (FUEL)						460
	12	1	030-8188	1	CONNECTOR						
	13	1	148-8395	1	PLUG AS						
		1	3K-0360	1	SEAL-O-RING						
		1	9S-8005	1	PLUG-O-RING						
	14	1	164-6867	2	CONNECTOR AS						
					(EACH INCLUDES)						
		1	2R-6806	1	CONNECTOR-O-RING						
		1	3J-1907	1	SEAL-O-RING						
	15	1	3K-0360	2	SEAL-O-RING						
	16	1	3P-1932	1	ADAPTER						
	17	1	4L-9337	2	BOLT (3/8-16X1.5-IN)						
	18	1	4P-7581	1	CLIP						
	19	1	6V-5048	1	SEAL-O-RING						
	20	1	7D-9984	1	ELBOW						
	22	1	8L-2786	2	SEAL-O-RING						
	23	1	8T-4896	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						

Y-SEPARATE ILLUSTRATION

FUEL SYSTEM

231-0321 FILTER GP-FUEL (contd.)

i02314486



GRAPHIC #1

<END>

g01169005

FUEL SYSTEM

231-0321 FILTER GP-FUEL-SECONDARY

S/N: RHX1851-UP

PART OF 225-6065, 225-6106 ENGINE AR-COMPLETE
AN ATTACHMENT

SMCS-1261

i02457670

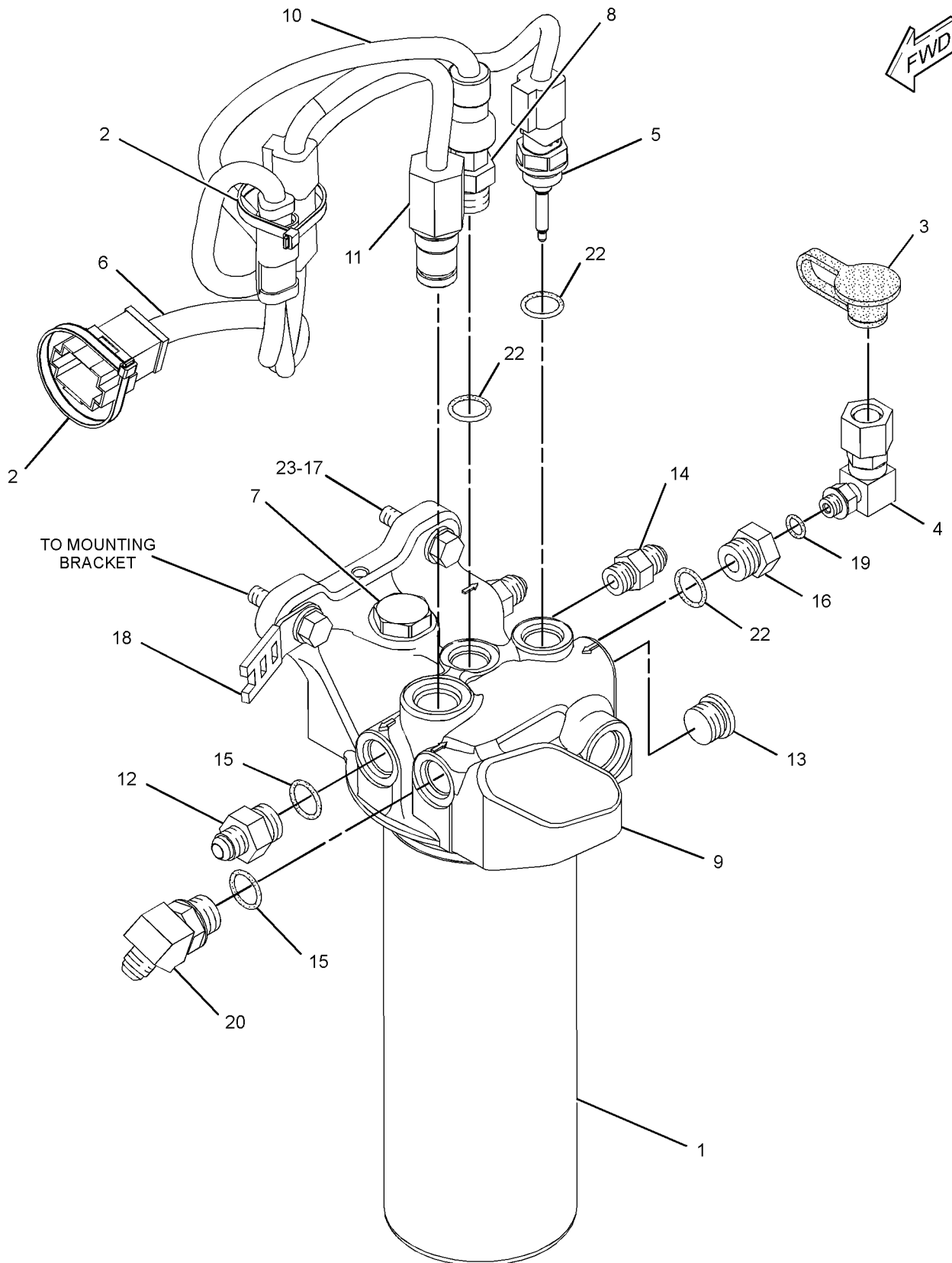
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1R-0762	1	FILTER-FUEL (ADVANCED EFFICIENCY) (HIGH EFFICIENCY)						
	2	1	3S-2093	2	STRAP-CABLE (FUEL PRESSURE SENSOR)						
	3	1	6V-0852	1	CAP-DUST						
	4	1	127-0785	1	ELBOW						
CY	5	1	234-5013	1	SENSOR GP-TEMPERATURE (FUEL)						437
C	6	1	276-3091	1	HARNESS AS-SENSOR (FUEL FILTER)						
		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	230-4011	1	PLUG AS-CONNECTOR (2-PIN)						
		1	230-4012	1	RECEPTACLE AS-CONNECTOR (2-PIN)						
Y	7	1	233-6742	1	VALVE GP-CHECK (FUEL)						270
	8	1	235-3595	1	ADAPTER						
	9	1	237-9310	1	BASE AS						
		1	9S-4167		STUD-HOLLOW (1-14X1.47-IN)						
Y	10	1	239-2396	1	SENSOR GP-PRESSURE (FUEL)						424
CY	11	1	275-1253	1	SWITCH GP-PRESSURE (FUEL)						461
	12	1	030-8188	1	CONNECTOR						
	13	1	148-8395	1	PLUG AS						
		1	3K-0360	1	SEAL-O-RING						
		1	9S-8005	1	PLUG-O-RING						
	14	1	164-6867	2	CONNECTOR AS						
					(EACH INCLUDES)						
		1	2R-6806	1	CONNECTOR-O-RING						
		1	3J-1907	1	SEAL-O-RING						
	15	1	3K-0360	2	SEAL-O-RING						
	16	1	3P-1932	1	ADAPTER						
	17	1	4L-9337	2	BOLT (3/8-16X1.5-IN)						
	18	1	4P-7581	1	CLIP						
	19	1	6V-5048	1	SEAL-O-RING						
	20	1	7D-9984	1	ELBOW						
	22	1	8L-2786	2	SEAL-O-RING						
	23	1	8T-4896	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION

FUEL SYSTEM

231-0321 FILTER GP-FUEL (contd.)

i02457670



GRAPHIC #1

<END>

g01230842

FUEL SYSTEM

314-5216 FILTER GP-FUEL

S/N: RHX1-7430

PART OF 281-6452 ENGINE AR-COMPLETE
AN ATTACHMENT

SMCS-1261

i03442662

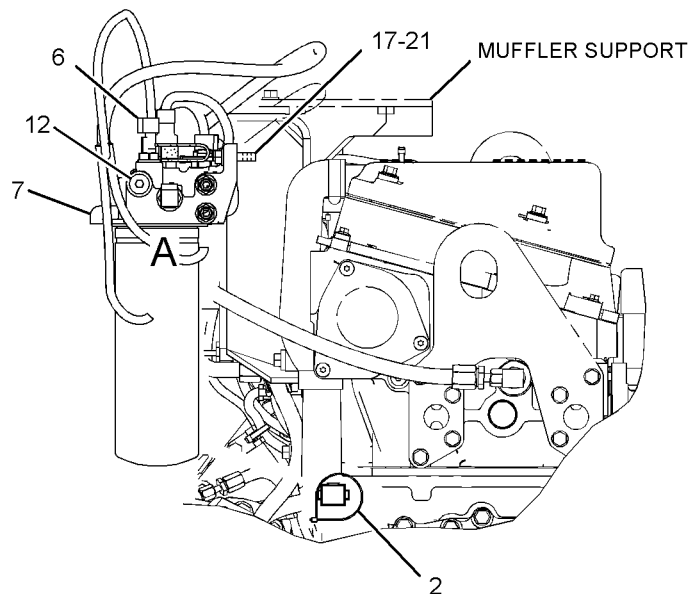
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1R-0762	1	FILTER-FUEL (ADVANCED EFFICIENCY)						
	2	1	3S-2093	2	STRAP-CABLE						
	3	1	6V-0852	1	CAP-DUST						
	4	1	127-0785	1	ELBOW						
Y	5	1	233-6742	1	VALVE GP-CHECK (FUEL)						270
Y	6	1	234-5013	1	SENSOR GP-TEMPERATURE (FUEL)						437
	7	1	237-9310	1	BASE AS						
	7A	1	9S-4167	1	STUD-HOLLOW (1-14X1.47-IN)						
Y	8	1	239-2396	1	SENSOR GP-PRESSURE (FUEL)						424
Y	9	1	275-1253	1	SWITCH GP-PRESSURE (FUEL FILTER)						461
	10	1	276-3104	1	HARNESS AS-ENGINE (FUEL FILTER)						
	11	1	005-4362	2	ELBOW						
	12	1	148-8395	1	PLUG AS						
		1	3K-0360	1	SEAL-O-RING						
		1	9S-8005	1	PLUG-O-RING						
	13	1	164-6867	2	CONNECTOR AS						
					(EACH INCLUDES)						
		1	2R-6806	1	CONNECTOR-O-RING						
		1	3J-1907	1	SEAL-O-RING						
	14	1	235-3595	1	ADAPTER						
	16	1	3P-1932	1	ADAPTER						
	17	1	4L-9337	2	BOLT (3/8-16X1.5-IN)						
	18	1	4P-7581	1	CLIP						
	19	1	6V-5048	1	SEAL-O-RING						
	20	1	8L-2786	4	SEAL-O-RING						
	21	1	8T-4896	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						

Y-SEPARATE ILLUSTRATION

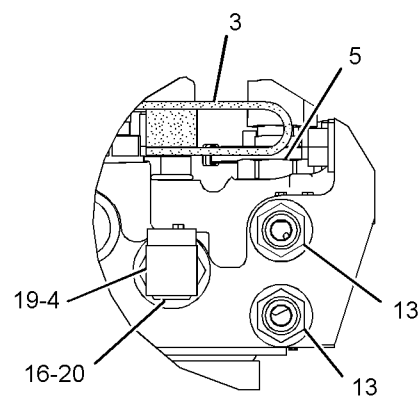
FUEL SYSTEM

314-5216 FILTER GP-FUEL (contd.)

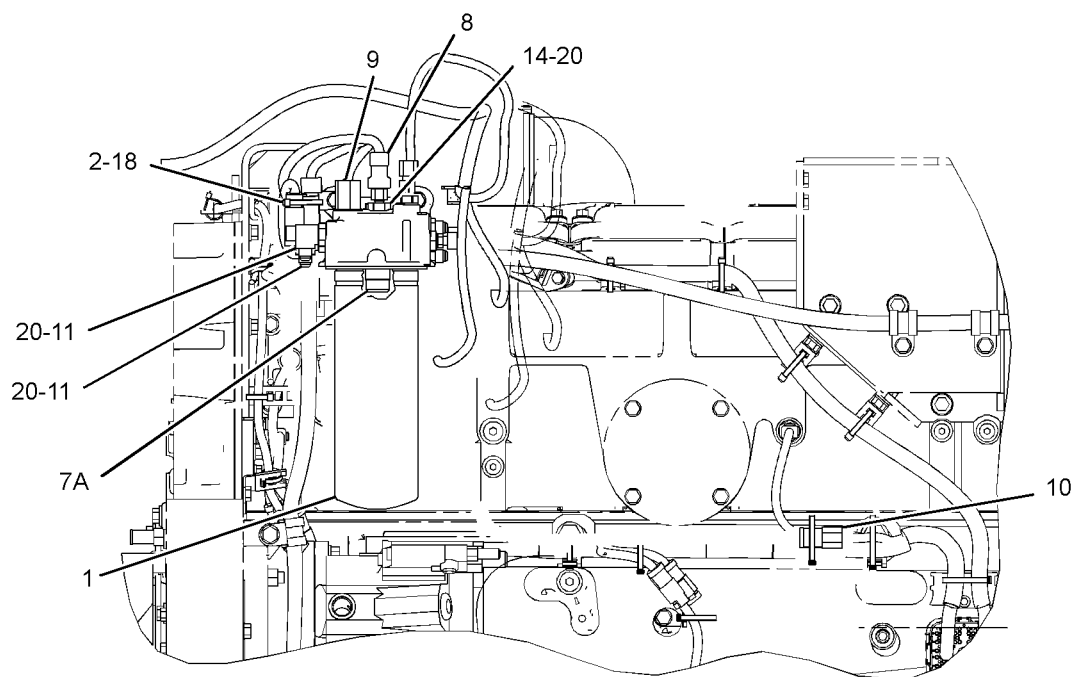
i03442662



REAR VIEW OF ENGINE



VIEW OF AREA A



LEFT SIDE VIEW OF ENGINE

GRAPHIC #1

<END>

g01794060

FUEL SYSTEM

314-5216 FILTER GP-FUEL

S/N: RHX7431-UP

PART OF 281-6452 ENGINE AR-COMplete
AN ATTACHMENT

SMCS-1261

i03808477

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1R-0762	1	FILTER-FUEL (ADVANCED EFFICIENCY)						
C	2	1	3S-2093	3	STRAP-CABLE						
	3	1	6V-0852	1	CAP-DUST						
	4	1	127-0785	1	ELBOW						
Y	5	1	233-6742	1	VALVE GP-CHECK (FUEL)						270
Y	6	1	234-5013	1	SENSOR GP-TEMPERATURE (FUEL)						437
	7	1	237-9310	1	BASE AS						
	7A	1	9S-4167	1	STUD-HOLLOW (1-14X1.47-IN)						
Y	8	1	239-2396	1	SENSOR GP-PRESSURE (FUEL)						424
Y	9	1	275-1253	1	SWITCH GP-PRESSURE (FUEL FILTER)						461
	10	1	276-3104	1	HARNESS AS-ENGINE (FUEL FILTER)						
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
		1	102-8806	1	KIT-RECEPTACLE (8-PIN)						
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)						
		1	180-9340	2	SOCKET-CONNECTOR (14-GA TO 18-GA)						
		1	9X-3401	12	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	8T-8737	1	PLUG-SEAL						
		1	230-4011	1	PLUG AS-CONNECTOR (2-PIN)						
		1	264-7029	1	SEAL-CONNECTOR						
		1	230-4012	1	RECEPTACLE AS-CONNECTOR (2-PIN)						
11	1	1	005-4362	2	ELBOW						
12	1	1	148-8395	1	PLUG AS						
		1	3K-0360	1	SEAL-O-RING						
		1	9S-8005	1	PLUG-O-RING						
13	1	1	164-6867	2	CONNECTOR AS						
					(EACH INCLUDES)						
		1	2R-6806	1	CONNECTOR-O-RING						
		1	3J-1907	1	SEAL-O-RING						
14	1	1	235-3595	1	ADAPTER						
16	1	1	3P-1932	1	ADAPTER						
CM	17	1	6V-5843	2	BOLT (M10X1.5X45-MM)						
	18	1	4P-7581	1	CLIP						
C	19	1	6V-5048	2	SEAL-O-RING						
	20	1	8L-2786	4	SEAL-O-RING						
	21	1	8T-4896	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
C	22	1	6V-3965	1	FITTING (QUICK DISCONNECT)						
C	23	1	8T-2353	1	ADAPTER						
C	24	1	132-5789	1	CLIP						
C	25	1	214-7568	1	SEAL-O-RING						

C-CHANGE FROM PREVIOUS TYPE

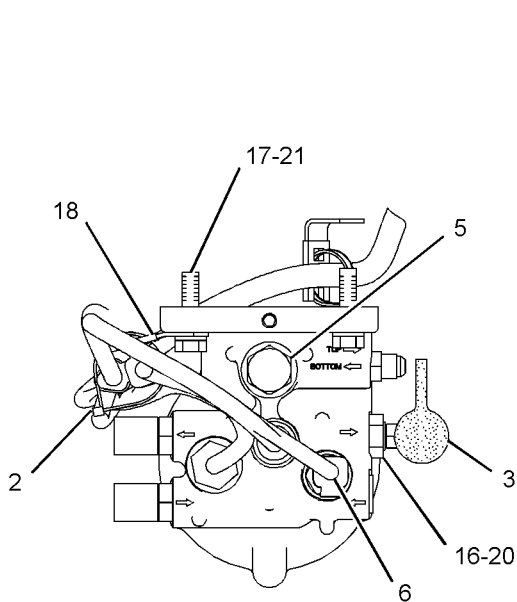
M-METRIC PART

Y-SEPARATE ILLUSTRATION

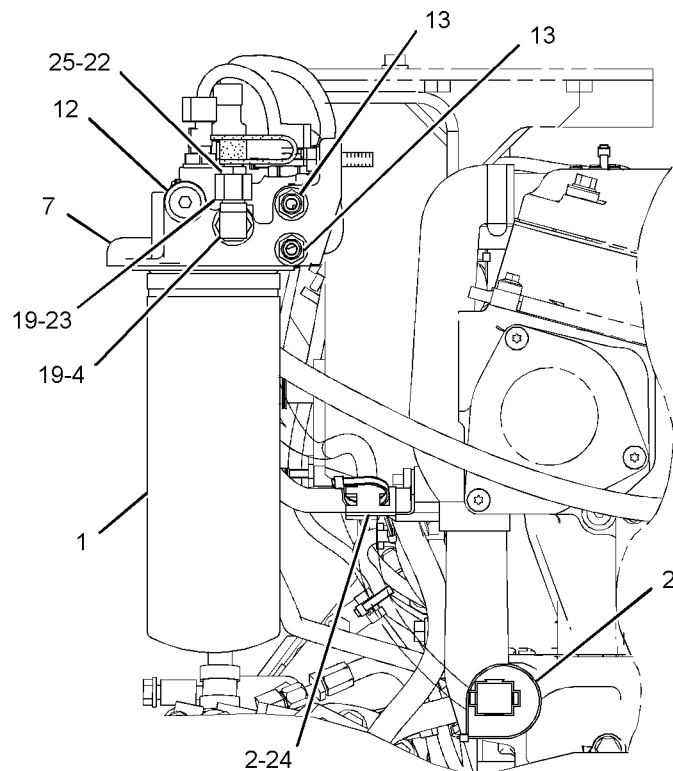
FUEL SYSTEM

314-5216 FILTER GP-FUEL (contd.)

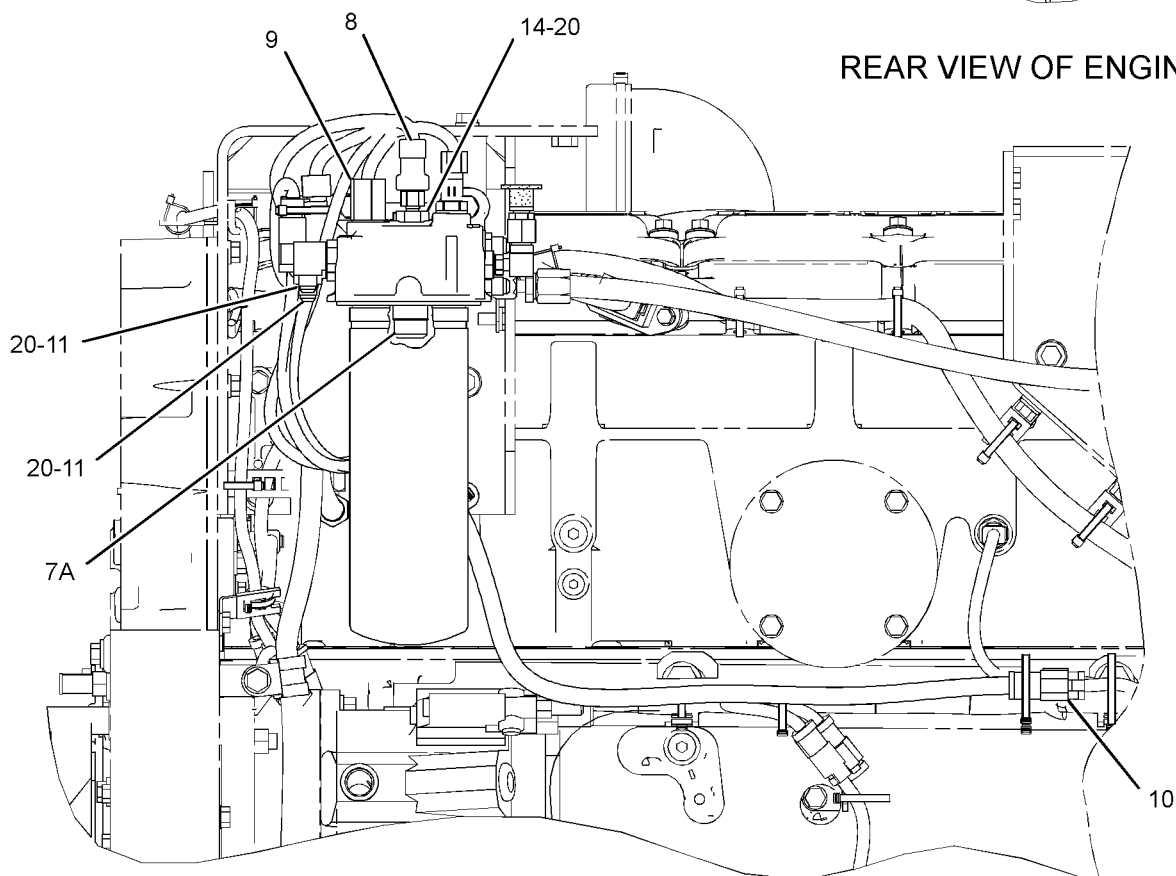
i03808477



TOP VIEW OF ENGINE



REAR VIEW OF ENGINE



LEFT SIDE VIEW OF ENGINE

<END>

GRAPHIC #1

g01922535

FUEL SYSTEM

212-9580 FILTER GP-WATER SEP & FUEL-PRIMARY

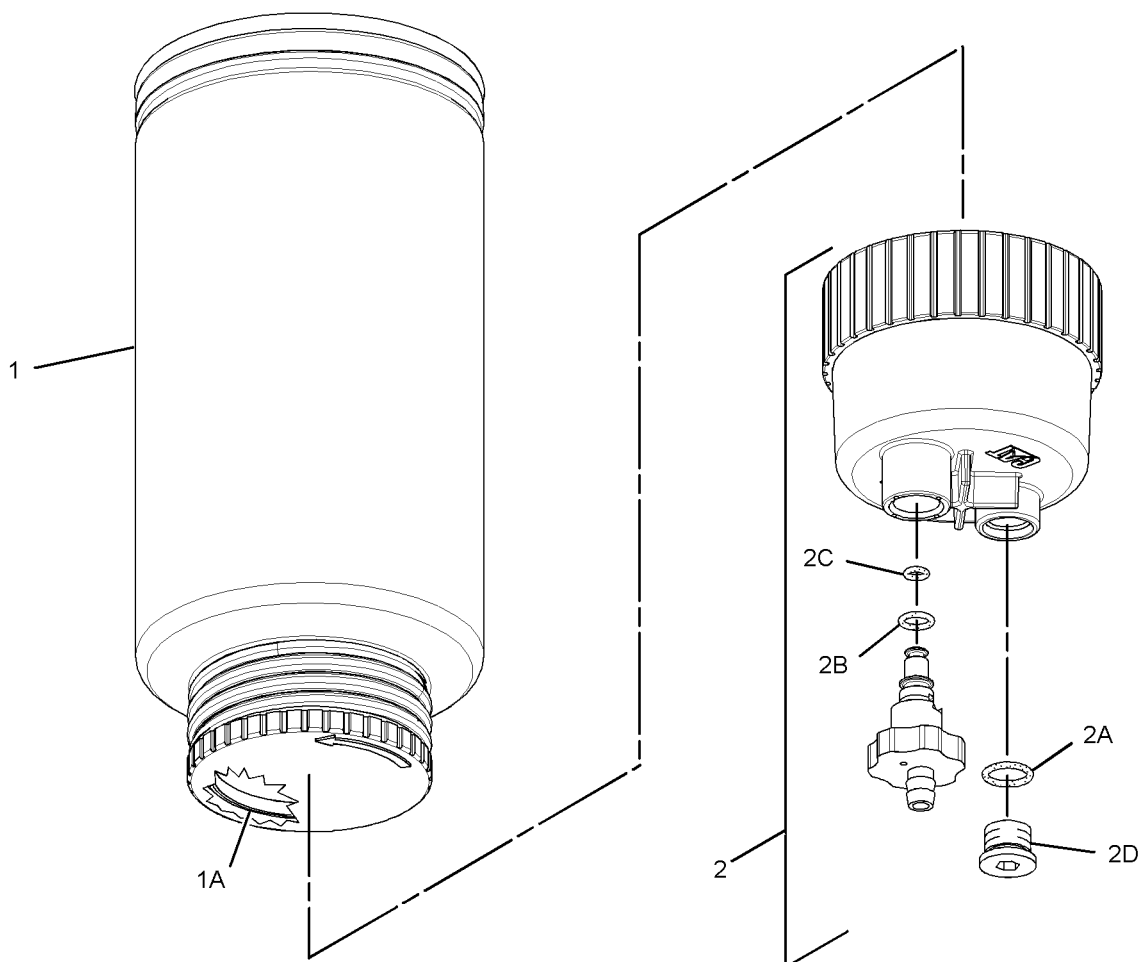
S/N: BXY1-UP

PART OF 213-4740 PUMP GP-FUEL PRM & WATER SEP

SMCS-1260, 1261, 1263

i03684401

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 (PRIMARY)						
	1A	1	220-8678	1	SEAL-RING (FUEL FILTER)						
	2	1	343-5527	1	BOWL AS						
	2A	1	3J-1907	1	SEAL-O-RING						
	2B	1	5F-9144	1	SEAL-O-RING						
	2C	1	8F-7219	1	SEAL-O-RING						
	2D	1	9S-8004	1	PLUG						



GRAPHIC #1

<END>

g01944750

FUEL SYSTEM

226-0947 FUEL AR-FAST FILL

S/N: BXY1-UP

PART OF 352-8272, 352-8273, 352-8274 OPTION AR

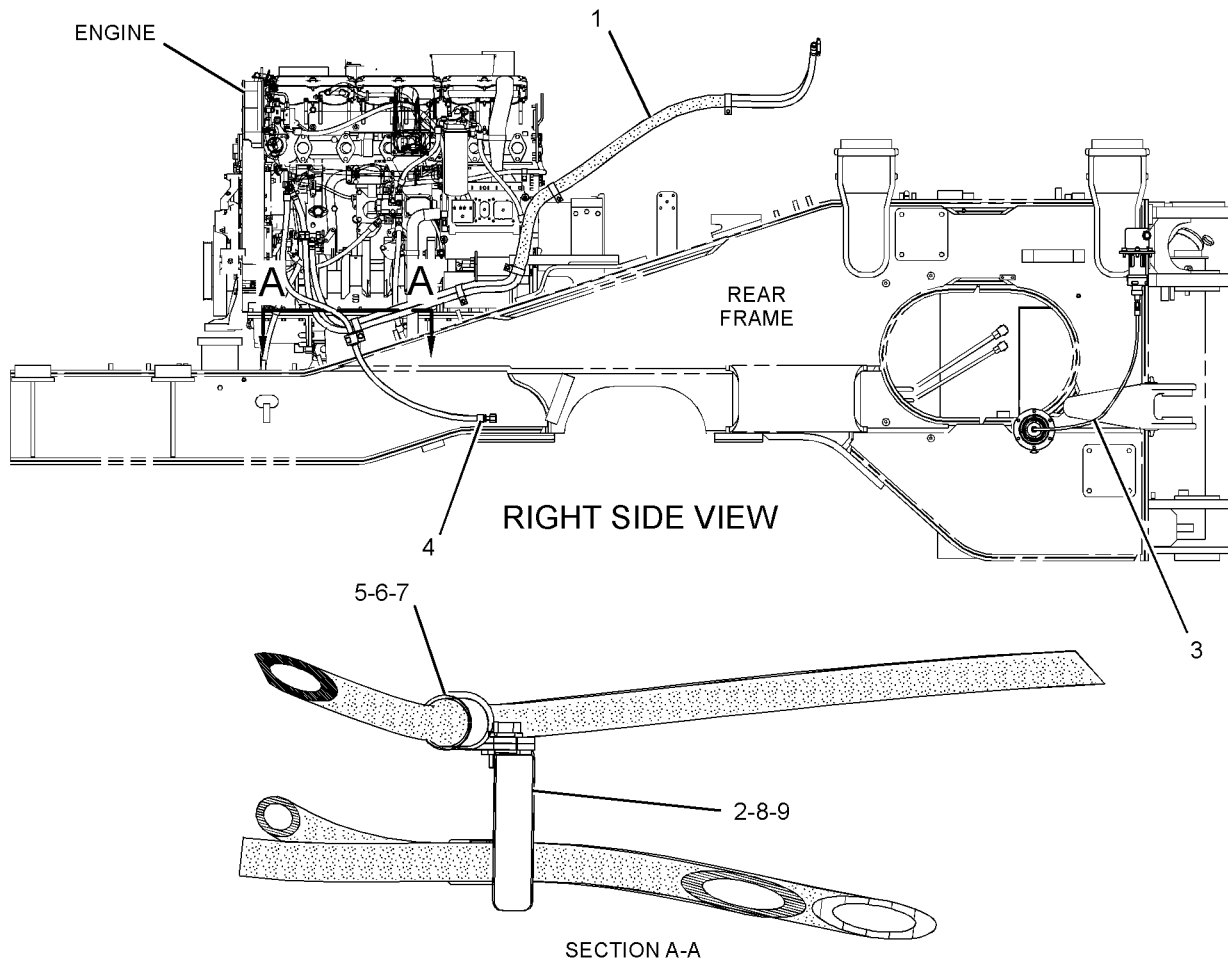
CANNOT BE USED WITH 226-0307-PAGE 256, 226-0960-PAGE 318, 226-1244-PAGE 233
AN ATTACHMENT

SMCS-1710

i02454506

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	114-5141	1	LINES GP-CAB HEATER	1792
	2	1	217-4590	1	BRACKET AS	
Y	3	1	221-8691	1	ADAPTER GP-FAST FILL FUEL	220
I	4	1	226-0306	1	HOSE AS	
	5	1	5P-7462	1	CLIP (SLOT)	
	6	1	5P-7463	1	CLIP (TAB)	
	7	1	6V-0683	1	GROMMET	
	8	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)	
M	9	1	8T-4195	1	BOLT (M10X1.5X30-MM)	

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



GRAPHIC #1

<END>

g01231787

FUEL SYSTEM

226-1244 FUEL AR-FAST FILL

S/N: BXY1-UP

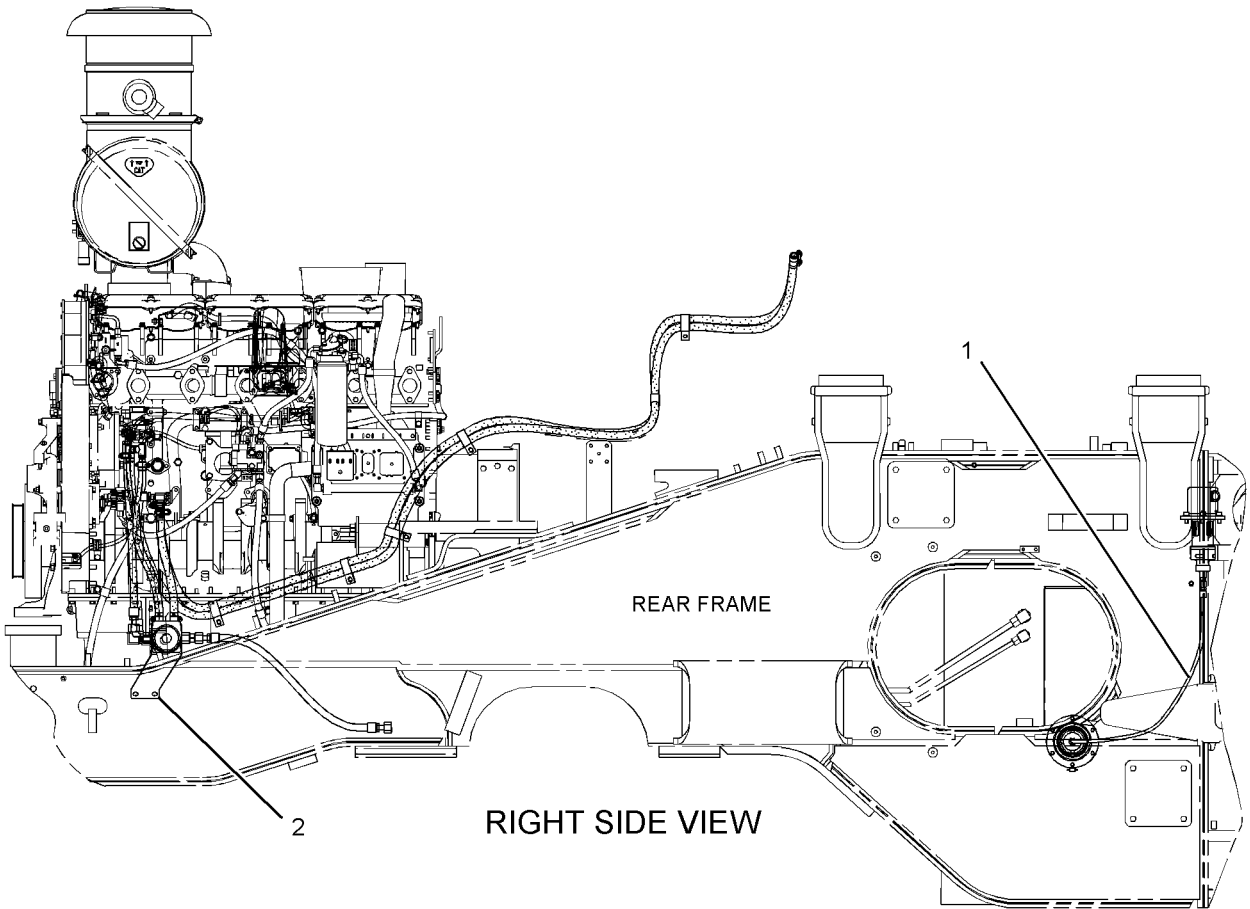
CANNOT BE USED WITH 226-0307-PAGE 256, 226-0960-PAGE 318, 226-0947-PAGE 232
AN ATTACHMENT

SMCS-1710

i02172055

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	221-8691	1	ADAPTER GP-FAST FILL FUEL	220
Y	2	1	226-0961	1	HEATER GP-FUEL	319

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01105807

FUEL SYSTEM

225-8334 LINES GP-FUEL

S/N: BXY1-1899

PART OF 225-5432 CHASSIS AR

SMCS-1274

i02319265

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1P-4278	1	CLAMP-HOSE	
	2	2	3E-6909	2	CLIP	
	3	2	5G-7817	1	BOSS (11X25X18-MM THK)	
	4	1	8K-4739	1	ADAPTER	
	5	1	8T-0081	1	VALVE-BALL	
	6	1	8T-9655	8	MOUNT-ISOLATION	
	7	1	127-0785	1	ELBOW	
Y	8	1	165-5970	1	SWITCH GP-TOGGLE (FUEL PRIMING PUMP)	468
	9	2	175-3183	2	ANGLE AS (EACH INCLUDES)	
M		2	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	10	2	185-4021	1	TUBE AS	
	11	2	185-4022	1	TUBE AS	
	12	1	191-1782	1	SPACER (8.5X12.7X38.2-MM THK)	
	13	1	209-7659	1	PLATE-INFORMATION (FUEL PRIMING PUMP ON, OFF)	
Y	14	1	213-4740	1	PUMP GP-FUEL PRM & WATER SEP	265
	15	1	217-4590	1	BRACKET AS	
	16	1	226-9431	1	BRACKET AS	
M		1	8T-3612	3	NUT-WELD (M8X1.25-THD)	
	17	1	232-1374	1	BRACKET	
	18	1	232-1376	2	SPACER (8.5X12.7X139.1-MM THK)	
I	19	2	271-7301	1	HOSE AS	
I	20	2	271-7303	1	HOSE AS	
	21	1	039-8557	1	WASHER (13X26X6-MM THK)	
	22	1	130-5300	1	CLIP	
	23	1	148-8342	1	CONNECTOR AS	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-8632	1	CONNECTOR	
		1	7J-9108	1	SEAL-O-RING	
	24	2	148-8346	1	ELBOW AS	
		2	3K-0360	1	SEAL-O-RING	
		2	6V-8398	1	SEAL-O-RING	
		2	8T-1686	1	ELBOW	
	25	1, 2	148-8390	2	ELBOW AS (EACH INCLUDES)	
		1, 2	2M-9780	1	SEAL-O-RING	
		1, 2	6V-8626	1	ELBOW	
		1, 2	7J-9108	1	SEAL-O-RING	
	26	1	148-8410	1	PLUG AS	
		1	2M-9780	1	SEAL-O-RING	
		1	9S-4190	1	PLUG-O-RING	
	27	1	3K-0360	2	SEAL-O-RING	
	28	2	4D-9517	1	CLIP	
	29	1	4F-3508	2	BOLT (5/16-18X6.5-IN)	
	30	1, 2	5P-7462	5	CLIP (SLOT)	
	31	1, 2	5P-7463	5	CLIP (TAB)	
	32	1	5S-7383	1	BOLT (3/8-16X1.75-IN)	
	33	1, 2	6V-0683	5	GROMMET	
	34	1	6V-0852	1	CAP-DUST	
	35	1	6V-4589	2	SEAL-O-RING	
	36	1	6V-5048	2	SEAL-O-RING	
	37	1	6V-7420	1	ADAPTER	
	38	2	6V-8398	1	SEAL-O-RING	
	39	2	7J-9108	1	SEAL-O-RING	
	40	1	7X-0297	2	BOLT (3/8-16X5.75-IN)	
	41	1	7X-0613	3	WASHER-HARD (8.8X25.5X5-MM THK)	

FUEL SYSTEM

225-8334 LINES GP-FUEL (contd.)

i02319265

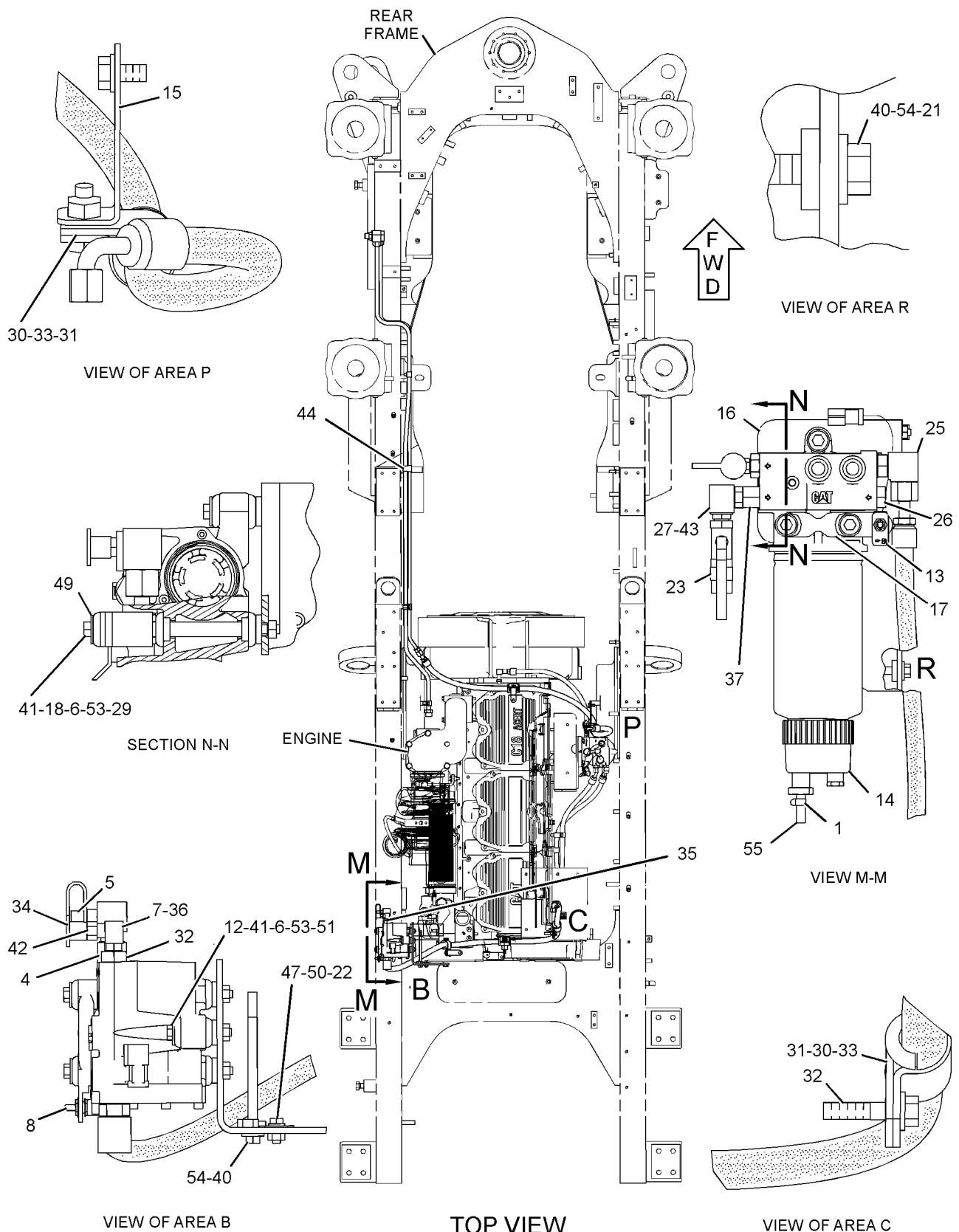
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	42	1	8C-3446	1	VALVE-FLUID SAMPLING (FUEL)	
	43	1	8T-0119	1	ELBOW	
	44	1, 2	8T-4121	10	WASHER-HARD (11X21X2.5-MM THK)	
M	45	2	8T-4137	5	BOLT (M10X1.5X20-MM)	
M	46	2	8T-4182	1	BOLT (M10X1.5X45-MM)	
M	47	1	8T-4189	1	BOLT (M8X1.25X20-MM)	
M	48	2	8T-4195	3	BOLT (M10X1.5X30-MM)	
	49	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)	
	50	1	8T-4224	1	WASHER-HARD (8.8X16X2-MM THK)	
M	51	1	8T-6869	1	BOLT (M8X1.25X60-MM)	
	52	2	9M-8406	4	CLIP	
	53	1	9N-0869	3	WASHER-HARD (8.8X25.5X2-MM THK)	
	54	1	9X-6458	2	WASHER-HARD (10.2X22.5X3-MM THK)	
E	55	1	8C-6959		HOSE (60-CM)	

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

FUEL SYSTEM

225-8334 LINES GP-FUEL (contd.)

i02319265



GRAPHIC #1

g01159715

FUEL SYSTEM

225-8334 **LINES GP-FUEL** (contd.) i02319265



FUEL SYSTEM

225-8334 LINES GP-FUEL

S/N: BXY1900-2170

PART OF 284-2735 CHASSIS AR

SMCS-1274

i02675669

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1P-4278	1	CLAMP-HOSE	
	2	2	3E-6909	2	CLIP	
	3	2	5G-7817	1	BOSS (11X25X18-MM THK)	
C	4	2	7K-1181	1	STRAP-CABLE	
	5	1	8T-0081	1	VALVE-BALL	
	6	1	8T-9655	8	MOUNT-ISOLATION	
Y	7	1	165-5970	1	SWITCH GP-TOGGLE (FUEL PRIMING PUMP)	468
	8	2	175-3183	2	ANGLE AS	
					(EACH INCLUDES)	
M		2	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	9	2	185-4021	1	TUBE AS	
	10	2	185-4022	1	TUBE AS	
	11	1	191-1782	1	SPACER (8.5X12.7X38.2-MM THK)	
	12	1	209-7659	1	PLATE-INFORMATION (FUEL PRIMING PUMP ON, OFF)	
Y	13	1	213-4740	1	PUMP GP-FUEL PRM & WATER SEP	265
	14	1	217-4590	1	BRACKET AS	
	15	1	226-9431	1	BRACKET AS	
M		1	8T-3612	3	NUT-WELD (M8X1.25-THD)	
	16	1	232-1374	1	BRACKET	
	17	1	232-1376	2	SPACER (8.5X12.7X139.1-MM THK)	
C	18	1	260-9236	1	VALVE AS-BALL	
		1	260-9234	1	VALVE-SHUTOFF	
		1	214-7568	1	SEAL-O-RING	
I	19	2	271-7301	1	HOSE AS	
I	20	2	271-7303	1	HOSE AS	
	21	1	039-8557	1	WASHER (13X26X6-MM THK)	
	22	1	130-5300	1	CLIP	
	23	1	148-8342	1	CONNECTOR AS	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-8632	1	CONNECTOR	
		1	7J-9108	1	SEAL-O-RING	
	24	2	148-8346	1	ELBOW AS	
		2	3K-0360	1	SEAL-O-RING	
		2	6V-8398	1	SEAL-O-RING	
		2	8T-1686	1	ELBOW	
	25	1,2	148-8390	2	ELBOW AS	
					(EACH INCLUDES)	
		1,2	2M-9780	1	SEAL-O-RING	
		1,2	6V-8626	1	ELBOW	
		1,2	7J-9108	1	SEAL-O-RING	
	26	1	148-8410	1	PLUG AS	
		1	2M-9780	1	SEAL-O-RING	
		1	9S-4190	1	PLUG-O-RING	
C	27	1	237-2227	2	BOLT (M8X1.25X165-MM)	
	28	1	3K-0360	2	SEAL-O-RING	
	29	2	4D-9517	1	CLIP	
C	30	1	5P-1404	1	ADAPTER-O-RING	
	31	1,2	5P-7462	5	CLIP (SLOT)	
	32	1,2	5P-7463	5	CLIP (TAB)	
	33	1	5S-7383	1	BOLT (3/8-16X1.75-IN)	
C	34	1	6V-0484	1	ADAPTER-O-RING	
	35	1,2	6V-0683	5	GROMMET	
	36	1	6V-4589	2	SEAL-O-RING	
C	37	1	6V-5049	2	SEAL-O-RING	
	38	1	6V-7420	1	ADAPTER	
	39	2	6V-8398	1	SEAL-O-RING	

FUEL SYSTEM

225-8334 LINES GP-FUEL (contd.)

i02675669

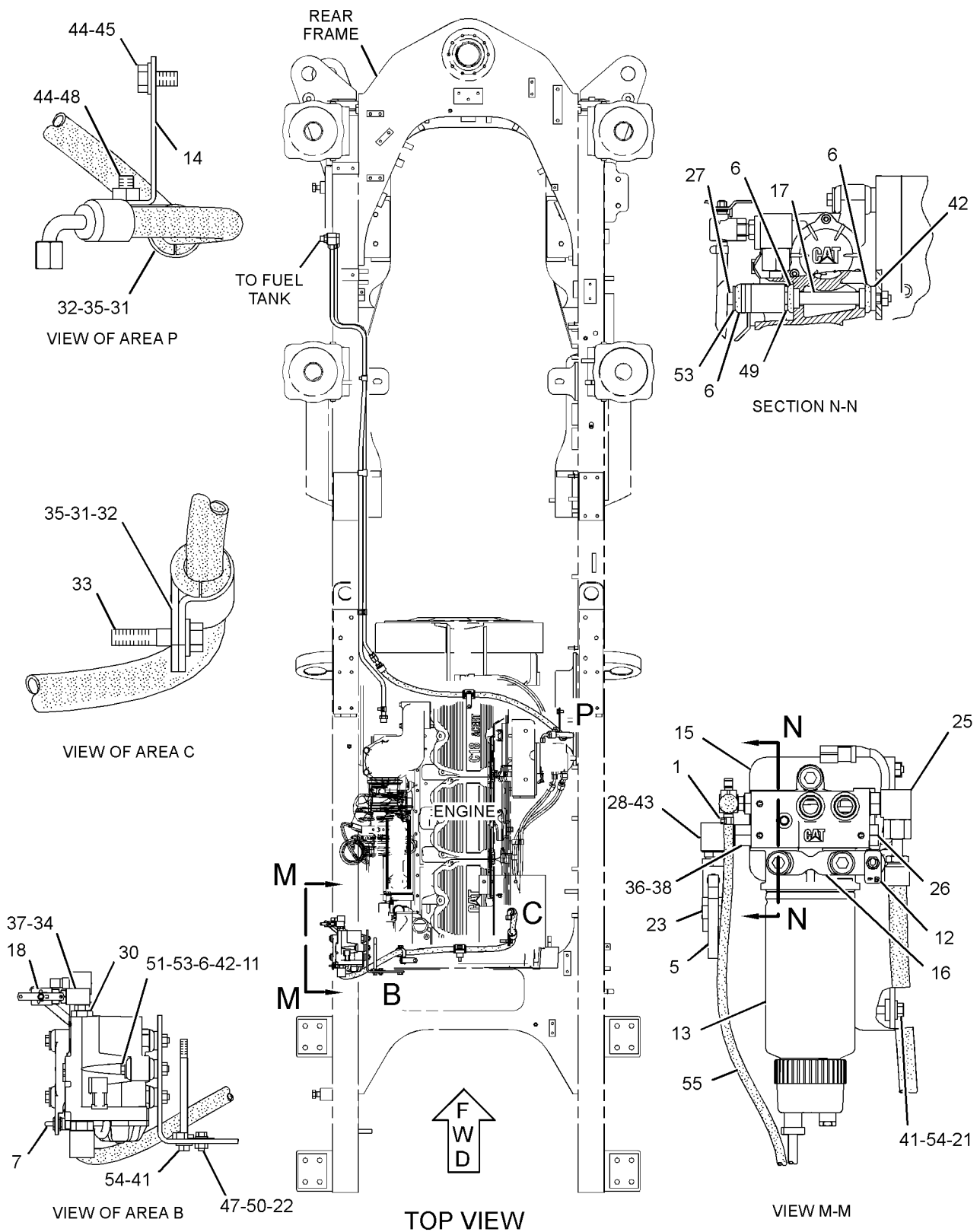
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	40	2	7J-9108	1	SEAL-O-RING	
	41	1	7X-0297	2	BOLT (3/8-16X5.75-IN)	
	42	1	7X-0613	3	WASHER-HARD (8.8X25.5X5-MM THK)	
	43	1	8T-0119	1	ELBOW	
	44	1, 2	8T-4121	10	WASHER-HARD (11X21X2.5-MM THK)	
M	45	1, 2	8T-4137	5	BOLT (M10X1.5X20-MM)	
M	46	2	8T-4182	1	BOLT (M10X1.5X45-MM)	
M	47	1	8T-4189	1	BOLT (M8X1.25X20-MM)	
M	48	1, 2	8T-4195	3	BOLT (M10X1.5X30-MM)	
	49	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)	
	50	1	8T-4224	1	WASHER-HARD (8.8X16X2-MM THK)	
M	51	1	8T-6869	1	BOLT (M8X1.25X60-MM)	
	52	2	9M-8406	4	CLIP	
	53	1	9N-0869	3	WASHER-HARD (8.8X25.5X2-MM THK)	
	54	1	9X-6458	2	WASHER-HARD (10.2X22.5X3-MM THK)	
CE	55	1	8C-6959		HOSE (163-CM)	

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

FUEL SYSTEM

225-8334 LINES GP-FUEL (contd.)

i02675669



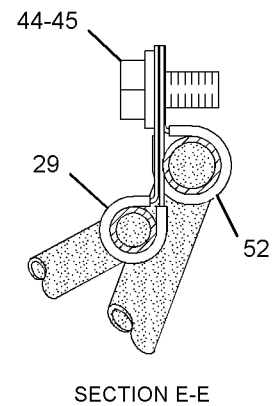
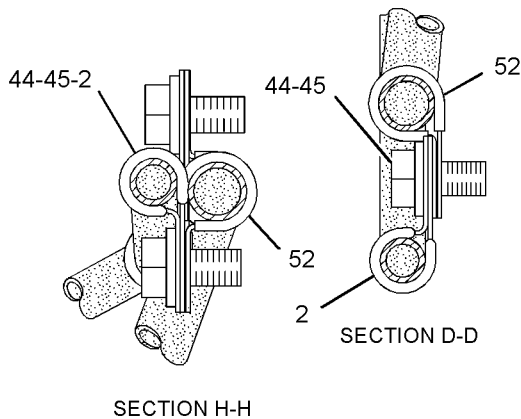
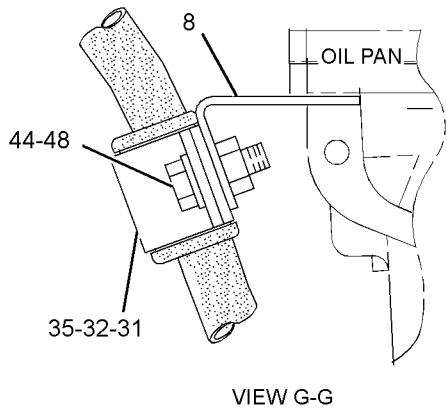
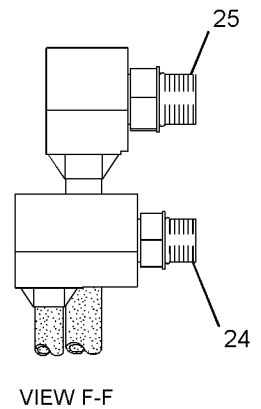
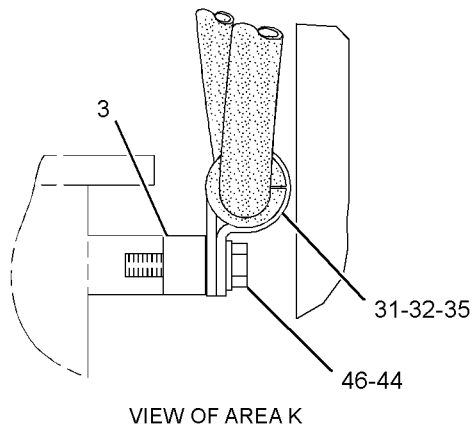
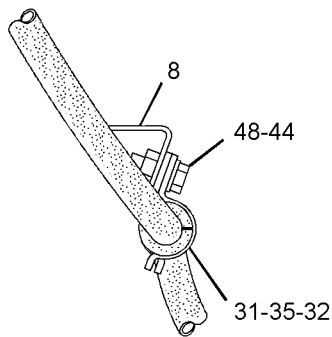
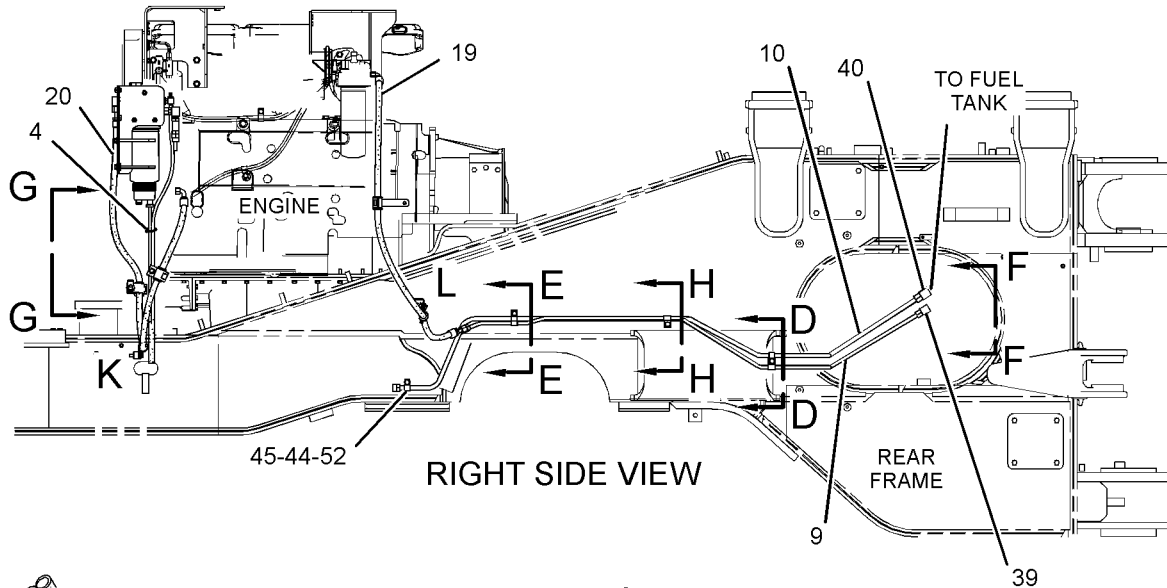
GRAPHIC #1

g01354607

FUEL SYSTEM

225-8334 LINES GP-FUEL (contd.)

i02675669



GRAPHIC #2

<END>

g01354608

FUEL SYSTEM

225-8334 LINES GP-FUEL

S/N: BXY2171-2399

PART OF 284-2735 CHASSIS AR

SMCS-1274

i03076942

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	1P-4278	2	CLAMP-HOSE	
	2	2	3E-6909	2	CLIP	
	3	2	5G-7817	1	BOSS (11X25X18-MM THK)	
	4	2	7K-1181	1	STRAP-CABLE	
	5	1	8T-0081	1	VALVE-BALL	
	6	1	8T-9655	8	MOUNT-ISOLATION	
Y	7	1	165-5970	1	SWITCH GP-TOGGLE (FUEL PRIMING PUMP)	468
	8	2	175-3183	2	ANGLE AS	
					(EACH INCLUDES)	
M		2	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	9	2	185-4021	1	TUBE AS	
	10	2	185-4022	1	TUBE AS	
	11	1	191-1782	1	SPACER (8.5X12.7X38.2-MM THK)	
C	12	1	305-3684	1	PLATE-IDENTIFICATION (FUEL PRIMING PUMP ON, OFF)	
Y	13	1	213-4740	1	PUMP GP-FUEL PRM & WATER SEP	265
	14	1	217-4590	1	BRACKET AS	
	15	1	226-9431	1	BRACKET AS	
M		1	8T-3612	3	NUT-WELD (M8X1.25-THD)	
	16	1	232-1374	1	BRACKET	
	17	1	232-1376	2	SPACER (8.5X12.7X139.1-MM THK)	
C	18	1	260-9236	1	VALVE AS-BALL	
		1	260-9234	1	VALVE-SHUTOFF	
		1	214-7568	1	SEAL-O-RING	
I	19	2	271-7301	1	HOSE AS	
I	20	2	271-7303	1	HOSE AS	
	21	1	039-8557	1	WASHER (13X26X6-MM THK)	
	22	1	130-5300	1	CLIP	
	23	1	148-8342	1	CONNECTOR AS	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-8632	1	CONNECTOR	
		1	7J-9108	1	SEAL-O-RING	
	24	2	148-8346	1	ELBOW AS	
		2	3K-0360	1	SEAL-O-RING	
		2	6V-8398	1	SEAL-O-RING	
		2	8T-1686	1	ELBOW	
	25	1,2	148-8390	2	ELBOW AS	
					(EACH INCLUDES)	
		1,2	2M-9780	1	SEAL-O-RING	
		1,2	6V-8626	1	ELBOW	
		1,2	7J-9108	1	SEAL-O-RING	
	26	1	148-8410	1	PLUG AS	
		1	2M-9780	1	SEAL-O-RING	
		1	9S-4190	1	PLUG-O-RING	
	27	1	237-2227	2	BOLT (M8X1.25X165-MM)	
	28	1	3K-0360	2	SEAL-O-RING	
	29	2	4D-9517	1	CLIP	
	30	1	5P-1404	1	ADAPTER-O-RING	
	31	1,2	5P-7462	5	CLIP (SLOT)	
	32	1,2	5P-7463	5	CLIP (TAB)	
	33	1	5S-7383	1	BOLT (3/8-16X1.75-IN)	
	34	1	6V-0484	1	ADAPTER-O-RING	
	35	1,2	6V-0683	5	GROMMET	
	36	1	6V-4589	2	SEAL-O-RING	
C	37	1	214-7568	1	SEAL-O-RING	
	38	1	6V-7420	1	ADAPTER	

FUEL SYSTEM

225-8334 LINES GP-FUEL (contd.)

i03076942

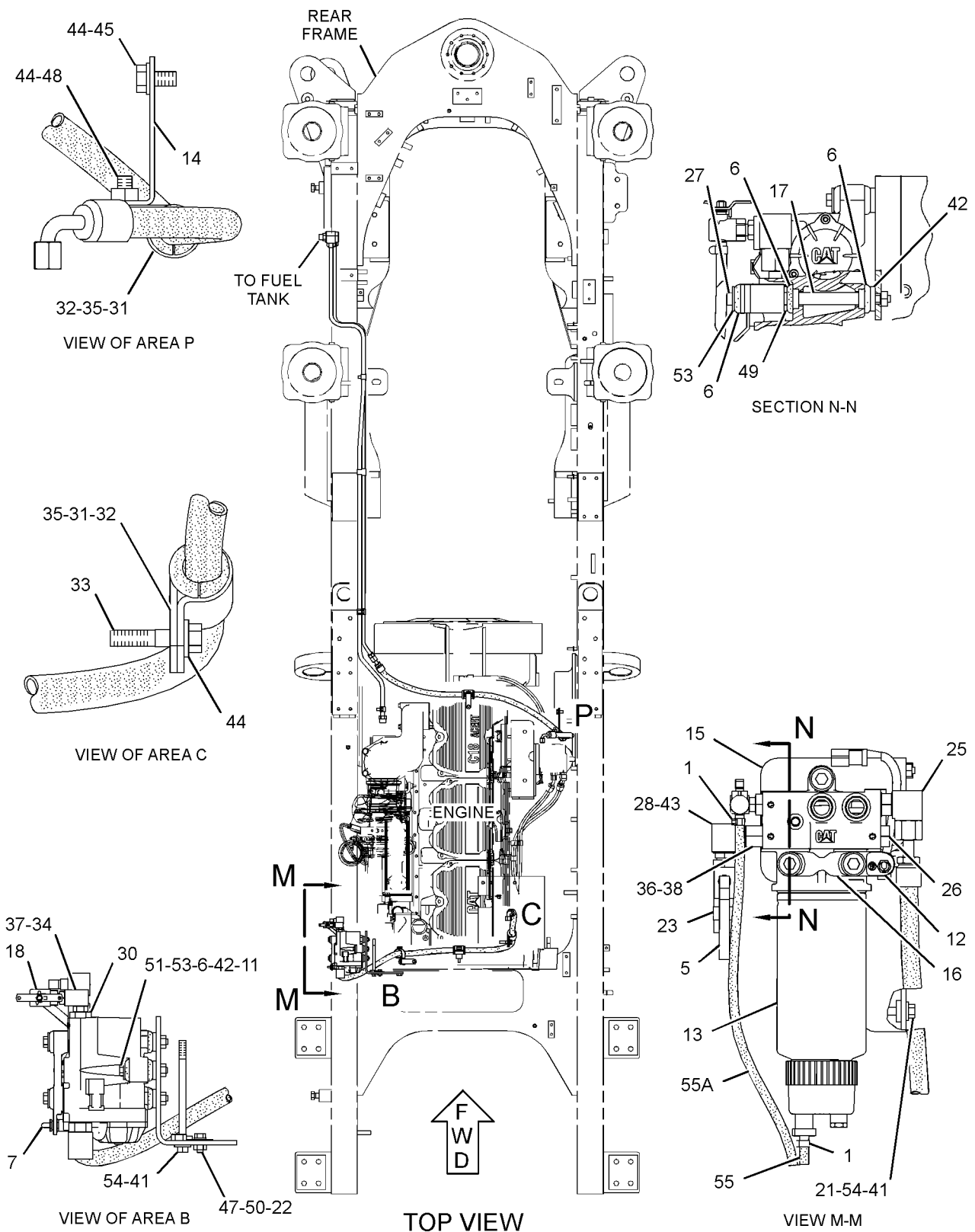
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	39	2	6V-8398	1	SEAL-O-RING	
	40	2	7J-9108	1	SEAL-O-RING	
	41	1	7X-0297	2	BOLT (3/8-16X5.75-IN)	
	42	1	7X-0613	3	WASHER-HARD (8.8X25.5X5-MM THK)	
	43	1	8T-0119	1	ELBOW	
	44	1,2	8T-4121	10	WASHER-HARD (11X21X2.5-MM THK)	
M	45	1,2	8T-4137	5	BOLT (M10X1.5X20-MM)	
M	46	2	8T-4182	1	BOLT (M10X1.5X45-MM)	
M	47	1	8T-4189	1	BOLT (M8X1.25X20-MM)	
M	48	1,2	8T-4195	3	BOLT (M10X1.5X30-MM)	
	49	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)	
	50	1	8T-4224	1	WASHER-HARD (8.8X16X2-MM THK)	
M	51	1	8T-6869	1	BOLT (M8X1.25X60-MM)	
	52	2	9M-8406	4	CLIP	
	53	1	9N-0869	3	WASHER-HARD (8.8X25.5X2-MM THK)	
	54	1	9X-6458	2	WASHER-HARD (10.2X22.5X3-MM THK)	
E	55	1	8C-6959		HOSE (60-CM)	
E	55A	1	8C-6959		HOSE (103-CM)	

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

FUEL SYSTEM

225-8334 LINES GP-FUEL (contd.)

i03076942



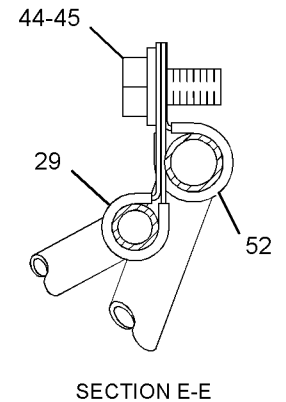
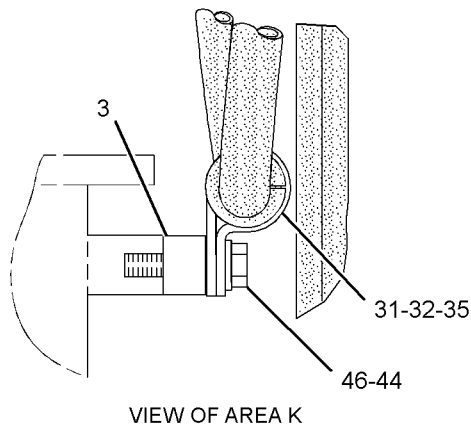
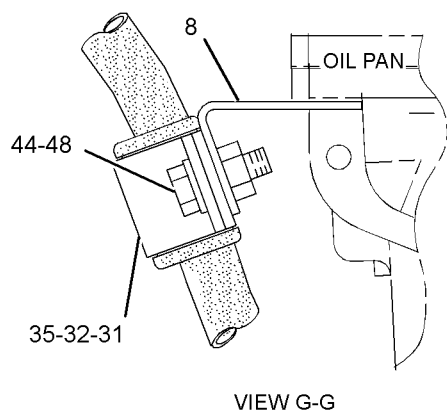
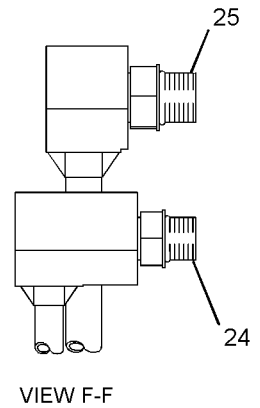
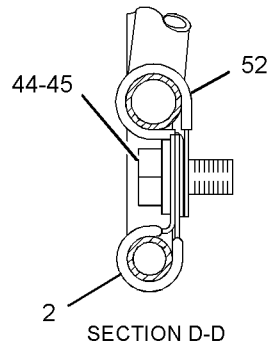
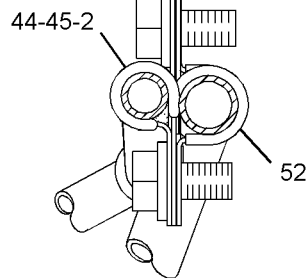
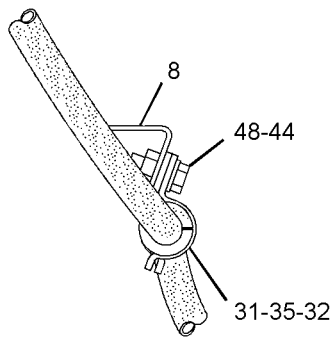
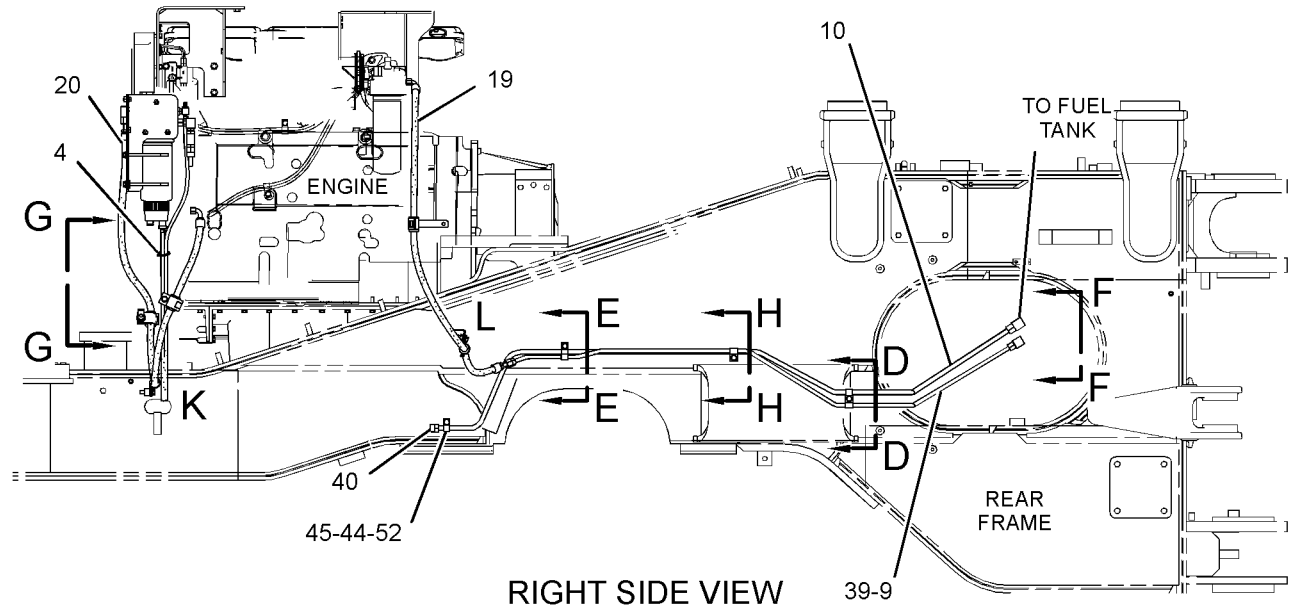
GRAPHIC #1

g01630933

FUEL SYSTEM

225-8334 LINES GP-FUEL (contd.)

i03076942



GRAPHIC #2

<END>

g01630936

FUEL SYSTEM

225-8334 LINES GP-FUEL

S/N: BXY2400-UP

PART OF 284-2735 CHASSIS AR

SMCS-1274

i03123580

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1P-4278	2	CLAMP-HOSE						
	2	2	3E-6909	2	CLIP						
	3	2	5G-7817	1	BOSS (11X25X18-MM THK)						
	4	2	7K-1181	1	STRAP-CABLE						
	5	1	8T-0081	1	VALVE-BALL						
	6	1	8T-9655	8	MOUNT-ISOLATION						
Y	7	1	165-5970	1	SWITCH GP-TOGGLE (FUEL PRIMING PUMP)						468
	8	2	175-3183	2	ANGLE AS						
					(EACH INCLUDES)						
M		2	8T-3490	1	NUT-WELD (M10X1.5-THD)						
C	9	2	175-7739	1	CLAMP						
	10	2	185-4021	1	TUBE AS						
	11	2	185-4022	1	TUBE AS						
	12	1	191-1782	1	SPACER (8.5X12.7X38.2-MM THK)						
Y	13	1	213-4740	1	PUMP GP-FUEL PRM & WATER SEP						265
	14	1	217-4590	1	BRACKET AS						
	15	1	226-9431	1	BRACKET AS						
M		1	8T-3612	3	NUT-WELD (M8X1.25-THD)						
	16	1	232-1374	1	BRACKET						
	17	1	232-1376	2	SPACER (8.5X12.7X139.1-MM THK)						
I	18	2	271-7303	1	HOSE AS						
	19	1	305-3684	1	PLATE-IDENTIFICATION (FUEL PRIMING PUMP ON, OFF)						
CI	20	2	315-6110	1	HOSE AS						
	21	1	039-8557	1	WASHER (13X26X6-MM THK)						
C	22	2	091-0081	1	SPACER (10.5X20X10-MM THK)						
	23	1	130-5300	1	CLIP						
	24	1	148-8342	1	CONNECTOR AS						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8632	1	CONNECTOR						
		1	7J-9108	1	SEAL-O-RING						
	25	2	148-8346	1	ELBOW AS						
		2	3K-0360	1	SEAL-O-RING						
		2	6V-8398	1	SEAL-O-RING						
		2	8T-1686	1	ELBOW						
	26	1,2	148-8390	2	ELBOW AS						
					(EACH INCLUDES)						
		1,2	2M-9780	1	SEAL-O-RING						
		1,2	6V-8626	1	ELBOW						
		1,2	7J-9108	1	SEAL-O-RING						
	27	1	148-8410	1	PLUG AS						
		1	2M-9780	1	SEAL-O-RING						
		1	9S-4190	1	PLUG-O-RING						
	28	1	237-2227	2	BOLT (M8X1.25X165-MM)						
	29	1	260-9236	1	VALVE AS-BALL						
		1	260-9234	1	VALVE-SHUTOFF						
		1	214-7568	1	SEAL-O-RING						
	30	1	3K-0360	2	SEAL-O-RING						
	31	2	4D-9517	1	CLIP						
	32	1	5P-1404	1	ADAPTER-O-RING						
C	33	1,2	5P-7462	7	CLIP (SLOT)						
C	34	1,2	5P-7463	7	CLIP (TAB)						
	35	1	5S-7383	1	BOLT (3/8-16X1.75-IN)						
	36	1	6V-0484	1	ADAPTER-O-RING						
C	37	1,2	6V-0683	7	GROMMET						
	38	1	6V-4589	2	SEAL-O-RING						

FUEL SYSTEM

225-8334 LINES GP-FUEL (contd.)

i03123580

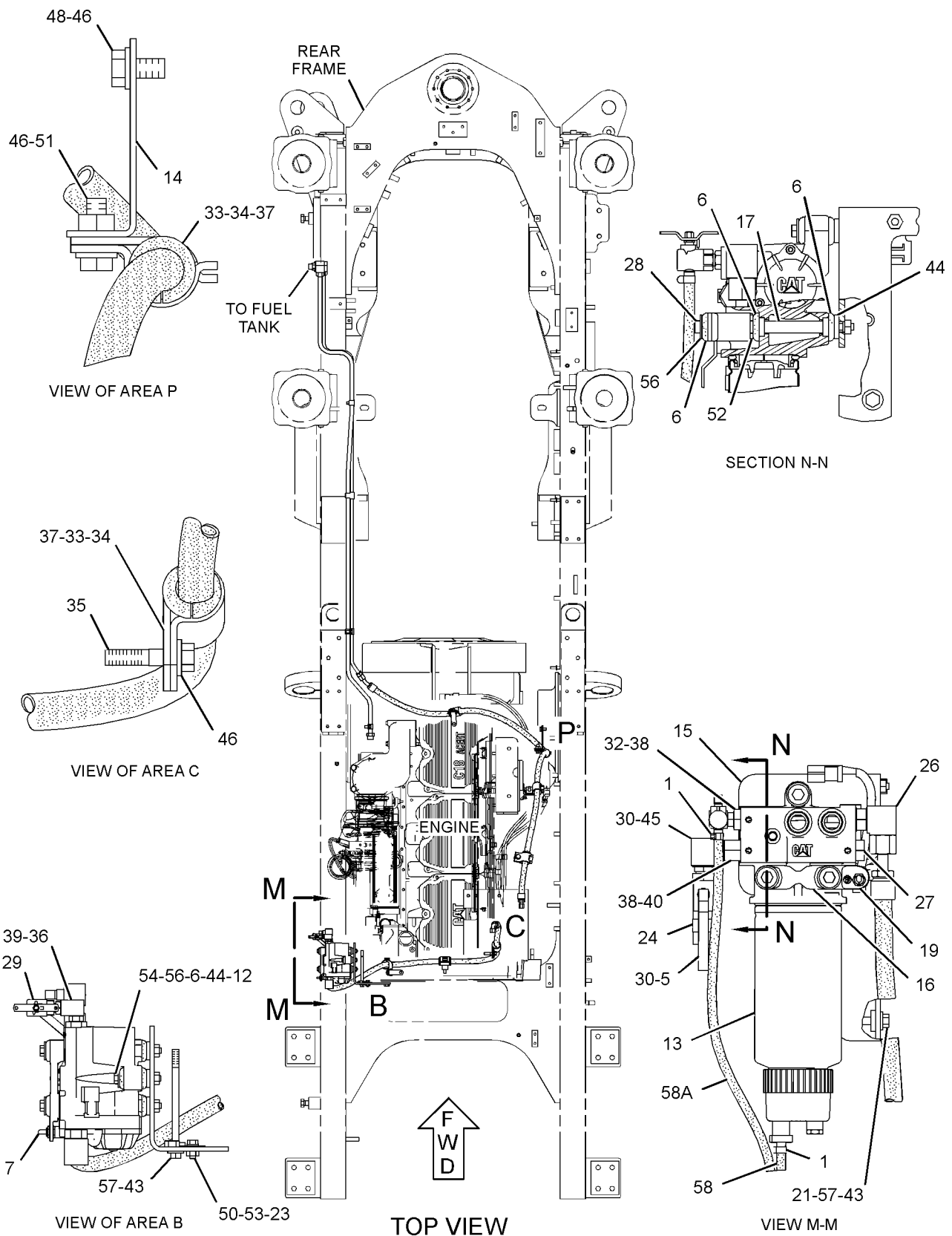
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	39	1	214-7568	1	SEAL-O-RING	
	40	1	6V-7420	1	ADAPTER	
	41	2	6V-8398	1	SEAL-O-RING	
	42	2	7J-9108	1	SEAL-O-RING	
	43	1	7X-0297	2	BOLT (3/8-16X5.75-IN)	
	44	1	7X-0613	3	WASHER-HARD (8.8X25.5X5-MM THK)	
	45	1	8T-0119	1	ELBOW	
C	46	1,2	8T-4121	13	WASHER-HARD (11X21X2.5-MM THK)	
CM	47	2	8T-4133	1	NUT (M10X1.5-THD)	
M	48	1,2	8T-4137	5	BOLT (M10X1.5X20-MM)	
CM	49	2	8T-4182	2	BOLT (M10X1.5X45-MM)	
M	50	1	8T-4189	1	BOLT (M8X1.25X20-MM)	
CM	51	1,2	8T-4195	4	BOLT (M10X1.5X30-MM)	
	52	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)	
	53	1	8T-4224	1	WASHER-HARD (8.8X16X2-MM THK)	
M	54	1	8T-6869	1	BOLT (M8X1.25X60-MM)	
	55	2	9M-8406	4	CLIP	
	56	1	9N-0869	3	WASHER-HARD (8.8X25.5X2-MM THK)	
	57	1	9X-6458	2	WASHER-HARD (10.2X22.5X3-MM THK)	
E	58	1	8C-6959		HOSE (60-CM)	
E	58A	1	8C-6959		HOSE (103-CM)	

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

FUEL SYSTEM

225-8334 LINES GP-FUEL (contd.)

i03123580



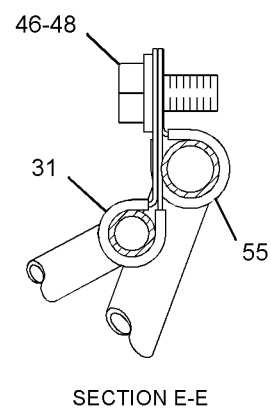
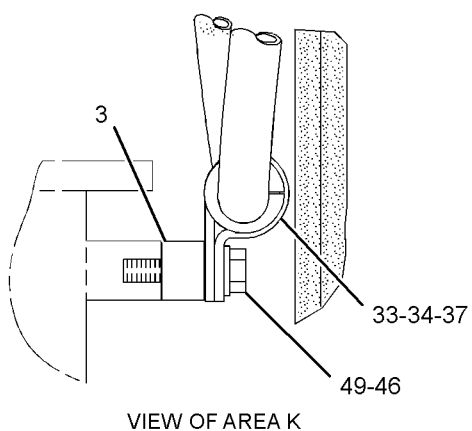
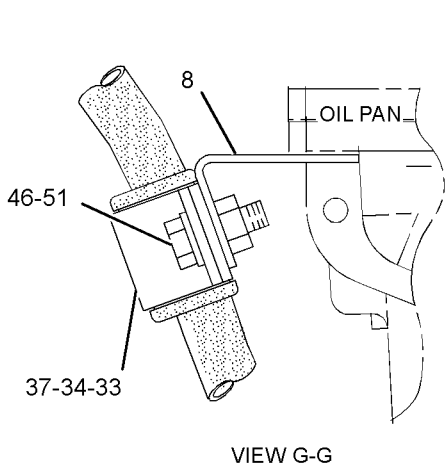
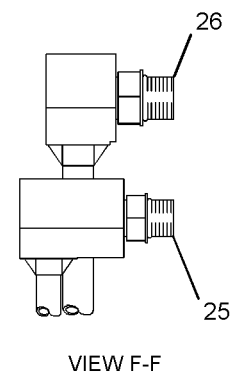
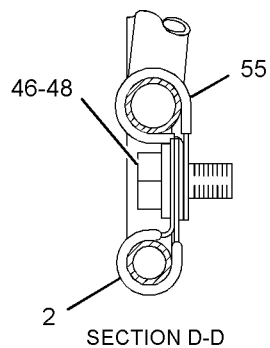
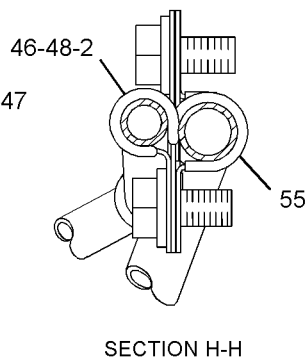
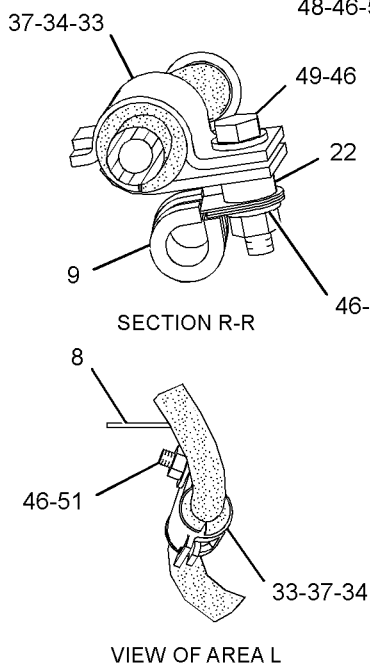
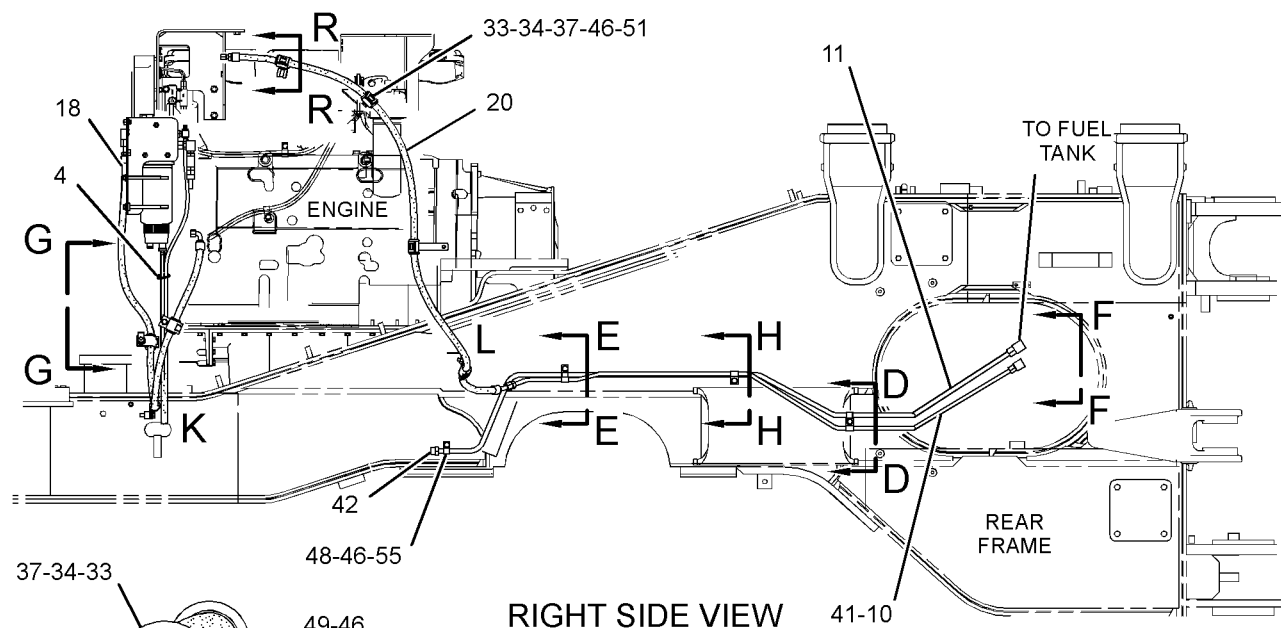
GRAPHIC #1

g01731361

FUEL SYSTEM

225-8334 LINES GP-FUEL (contd.)

i03123580



GRAPHIC #2

<END>

g01731362

FUEL SYSTEM

229-5843 LINES GP-FUEL

S/N: RHX1-UP

PART OF 225-6065, 225-6106 ENGINE AR-COMPLETE
AN ATTACHMENT

SMCS-1274

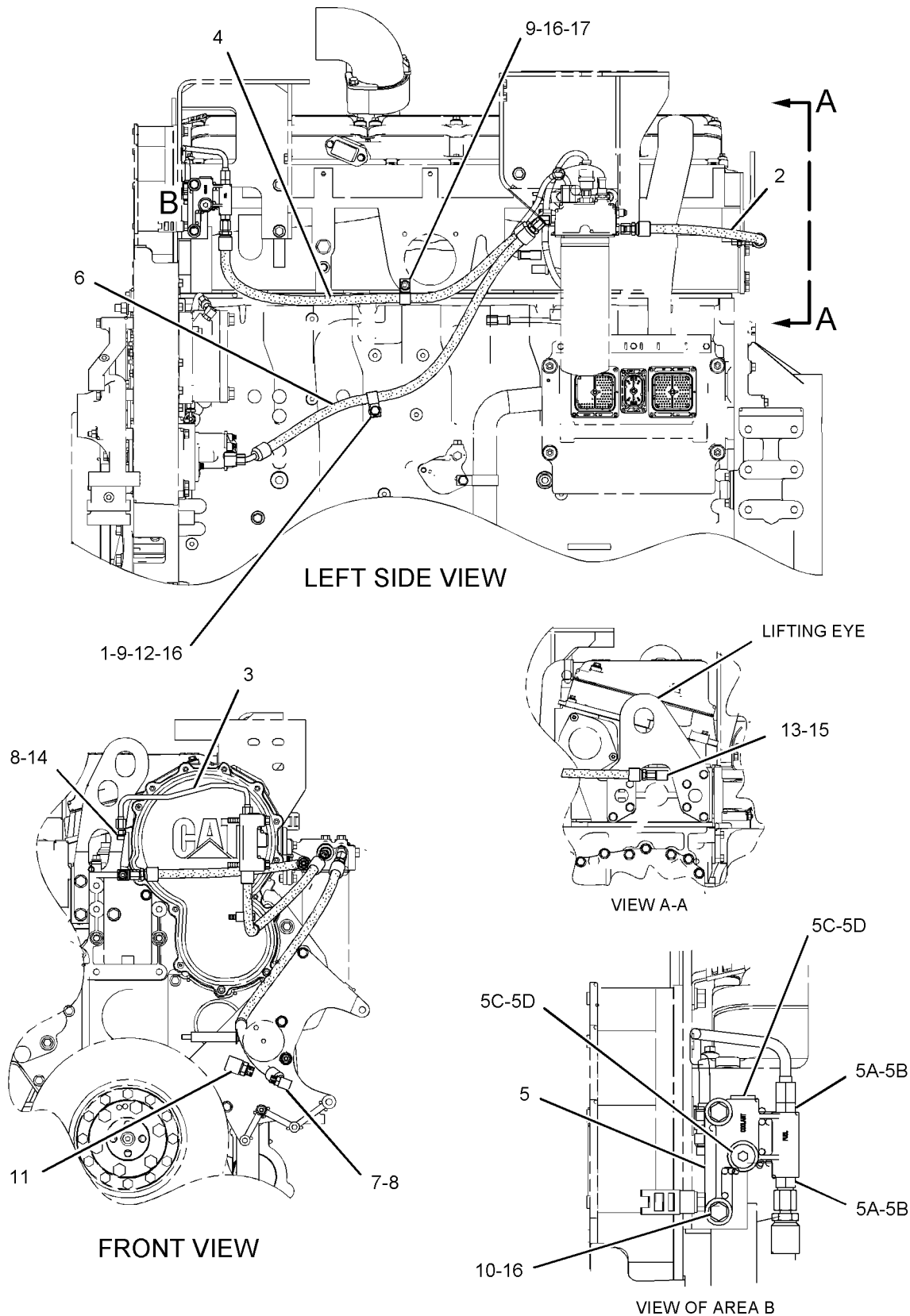
i02716703

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	110-8330	1	SPACER (11.3X19.05X90-MM THK)						
I	2	1	256-2211	1	HOSE AS						
	3	1	168-8974	1	TUBE AS (FUEL SUPPLY)						
I	4	1	256-2213	1	HOSE AS						
	5	1	193-7404	1	MANIFOLD GP-FUEL						
		1	168-0300	1	MANIFOLD						
	5A	1	033-6042	2	SEAL-O-RING						
	5B	1	2R-6806	2	CONNECTOR-O-RING						
	5C	1	6V-6609	2	SEAL-O-RING						
	5D	1	9S-8005	2	PLUG-O-RING						
I	6	1	256-2214	1	HOSE AS						
	7	1	030-7947	1	ELBOW						
	8	1	033-6042	2	SEAL-O-RING						
	9	1	175-7739	2	CLAMP						
	10	1	0S-1619	2	BOLT (3/8-16X3-IN)						
	11	1	148-8374	1	ELBOW AS						
		1	6V-8723	1	ELBOW						
		1	6V-8397	1	SEAL-O-RING						
		1	3K-0360	1	SEAL-O-RING						
	12	1	1A-5964	1	BOLT (3/8-16X4.5-IN)						
	13	1	2P-7214	1	ELBOW						
	14	1	2R-6806	1	CONNECTOR-O-RING						
	15	1	3J-1907	1	SEAL-O-RING						
	16	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	17	1	0S-1591	1	BOLT (3/8-16X1.5-IN)						
I-REFER TO HYDRAULIC INFORMATION SYSTEM											

FUEL SYSTEM

229-5843 LINES GP-FUEL (contd.)

i02716703



GRAPHIC #1

<END>

g01123575

FUEL SYSTEM

314-5164 LINES GP-FUEL

S/N: RHX1-6485

PART OF 281-6452 ENGINE AR-COMPLETE
AN ATTACHMENT

SMCS-1274

i03441301

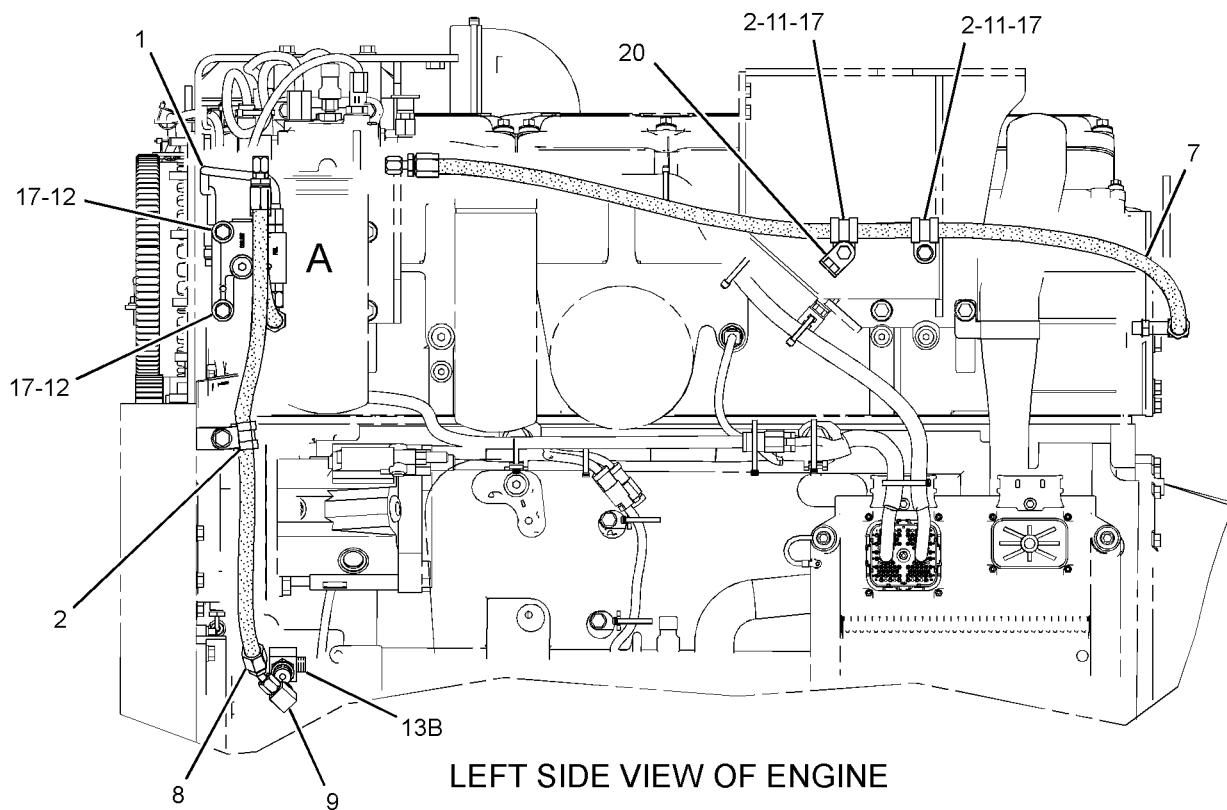
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	168-8974	1	TUBE AS (FUEL SUPPLY)						
	2	1	175-7739	3	CLAMP						
	3	1	192-5017	1	BRACKET AS						
M	3A	1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	4	1	193-7404	1	MANIFOLD GP-FUEL						
	4A	1	2R-6806	2	CONNECTOR-O-RING						
	4B	1	6V-6609	2	SEAL-O-RING						
	4C	1	9S-8005	2	PLUG-O-RING						
	4D	1	033-6042	2	SEAL-O-RING						
	5	1	204-9734	1	SPACER (11X18X25-MM THK)						
I	6	1	283-1721	1	HOSE AS						
I	7	1	322-1945	1	HOSE AS						
I	8	1	314-5163	1	HOSE AS						
	9	1	030-7947	1	ELBOW						
	10	1	033-6042	2	SEAL-O-RING						
	11	1	0S-1591	2	BOLT (3/8-16X1.5-IN)						
	12	1	0S-1619	2	BOLT (3/8-16X3-IN)						
	13	1	148-8374	1	ELBOW AS						
	13A	1	3K-0360	1	SEAL-O-RING						
	13B	1	6V-8397	1	SEAL-O-RING						
	13C	1	6V-8723	1	ELBOW						
	14	1	2P-7214	1	ELBOW						
	15	1	2R-6806	1	CONNECTOR-O-RING						
	16	1	3J-1907	1	SEAL-O-RING						
	17	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	18	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						
M	19	1	8T-4185	1	BOLT (M10X1.5X50-MM)						
	20	1	124-3019	1	BRACKET AS						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART

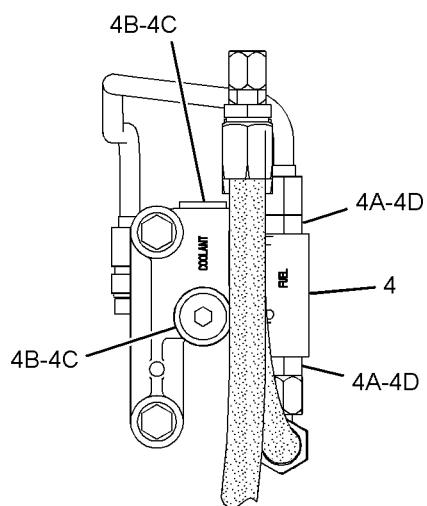
FUEL SYSTEM

314-5164 LINES GP-FUEL (contd.)

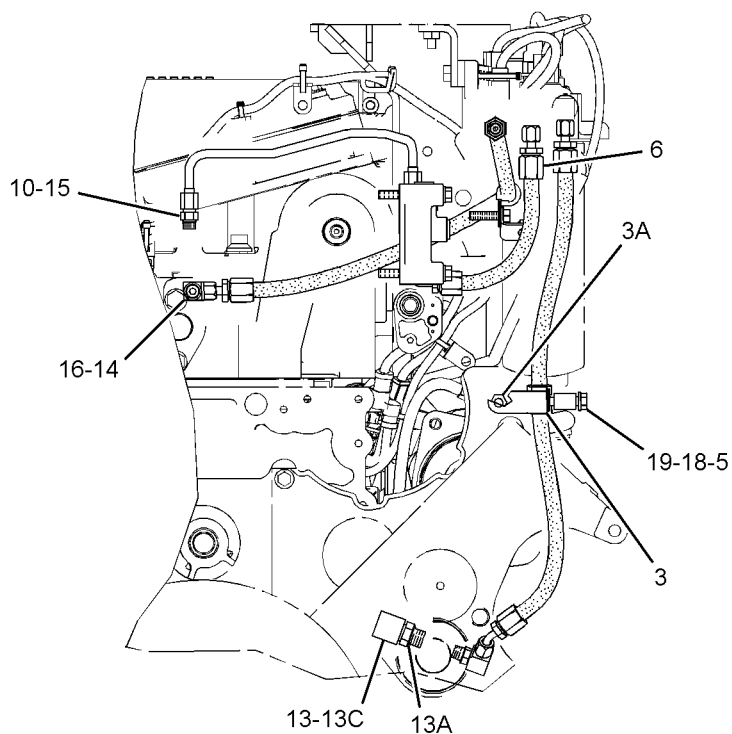
i03441301



LEFT SIDE VIEW OF ENGINE



VIEW OF AREA A



FRONT VIEW OF ENGINE

GRAPHIC #1

<END>

g01879353

FUEL SYSTEM

314-5164 LINES GP-FUEL

S/N: RHX6486-UP

PART OF 281-6452 ENGINE AR-COMPLETE
AN ATTACHMENT

SMCS-1274

i03784210

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	1	1	091-9035	1	SPACER (11X25X20-MM THK)						
	2	1	124-3019	1	BRACKET AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
C	3	1	147-3150	1	ANGLE AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	4	1	168-8974	1	TUBE AS (FUEL SUPPLY)						
	5	1	175-7739	4	CLAMP						
Y	6	1	193-7404	1	MANIFOLD GP-FUEL						257
I	7	1	283-1721	1	HOSE AS						
C	8	1	287-3049	1	STUD (M10X1.5X50-MM)						
I	9	1	322-1945	1	HOSE AS						
CI	10	1	328-2929	1	HOSE AS						
C	11	1	030-7947	1	ELBOW						
	12	1	033-6042	3	SEAL-O-RING						
	13	1	0S-1571	2	BOLT (3/8-16X1.75-IN)						
	14	1	0S-1619	2	BOLT (3/8-16X3-IN)						
	15	1	148-8374	1	ELBOW AS						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8723	1	ELBOW						
	16	1	2P-7214	1	ELBOW						
	17	1	2R-6806	1	CONNECTOR-O-RING						
	18	1	3J-1907	1	SEAL-O-RING						
C	19	1	4P-7581	1	CLIP						
	20	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5-MM THK)						
C	21	1	7W-7381	1	FITTING-OUTLET						
CM	22	1	8T-4133	1	NUT (M10X1.5-THD)						
	23	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						
M	24	1	8T-4136	1	BOLT (M10X1.5X25-MM)						
	25	1	326-4234	1	BRACKET AS						

C-CHANGE FROM PREVIOUS TYPE

I-REFER TO HYDRAULIC INFORMATION SYSTEM

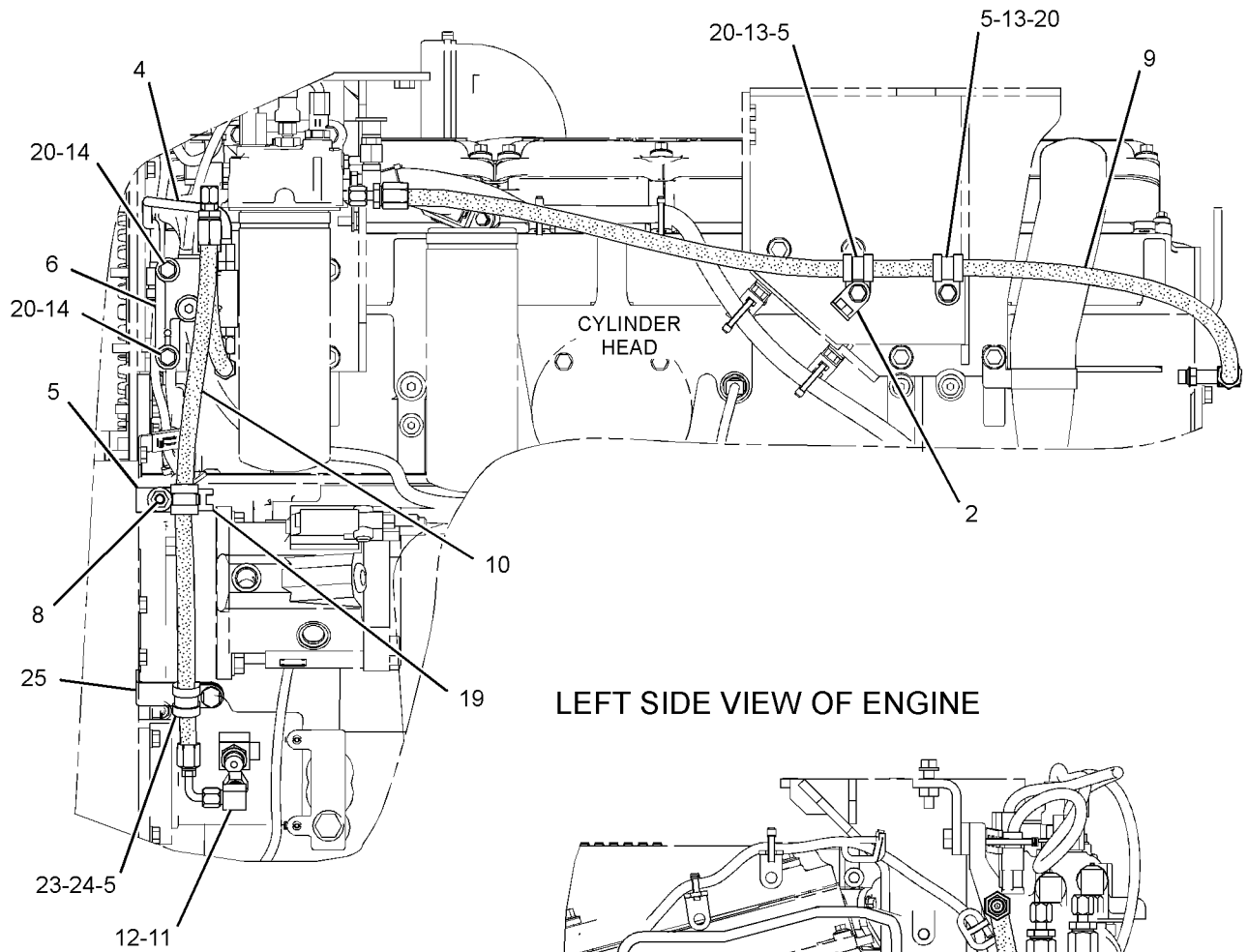
M-METRIC PART

Y-SEPARATE ILLUSTRATION

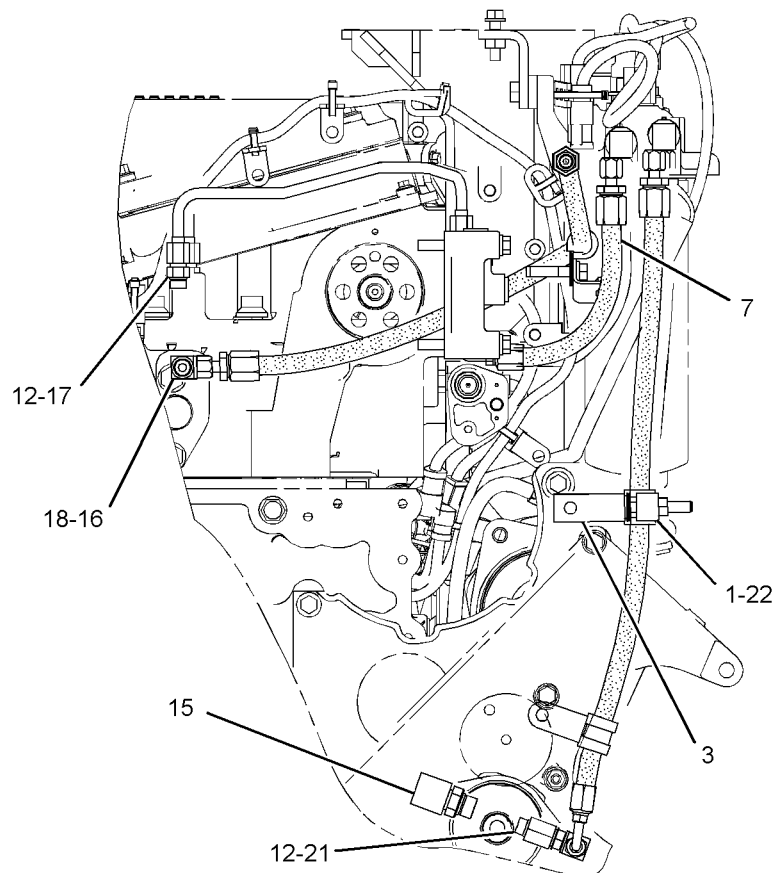
FUEL SYSTEM

314-5164 LINES GP-FUEL (contd.)

i03784210



LEFT SIDE VIEW OF ENGINE



FRONT VIEW OF ENGINE

GRAPHIC #1

<END>

g02058659

FUEL SYSTEM

226-0307 LINES GP-FUEL HEATER

S/N: BXY1-UP

PART OF 352-8271 OPTION AR

CANNOT BE USED WITH 226-0947-PAGE 232, 226-0960-PAGE 318, 226-1244-PAGE 233
AN ATTACHMENT

SMCS-1296

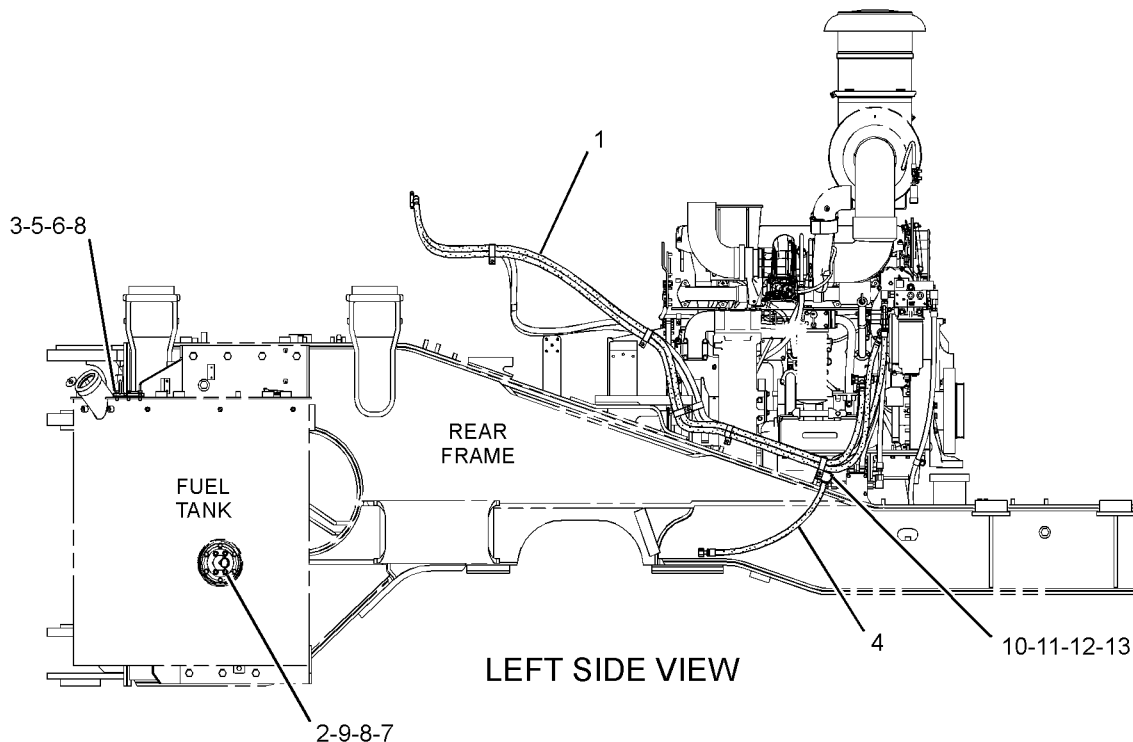
i02328434

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	114-5141	1	LINES GP-CAB HEATER	1792
	2	1	164-3417	1	COVER	
	3	1	187-1679	1	COVER	
I	4	1	226-0306	1	HOSE AS	
M	5	1	101-7404	6	BOLT-SOCKET HEAD (M10X1.5X30-MM)	
	6	1	1H-8128	1	SEAL-O-RING	
	7	1	5H-6734	1	SEAL-O-RING	
	8	1	8T-4121	13	WASHER-HARD (11X21X2.5-MM THK)	
M	9	1	8T-4195	7	BOLT (M10X1.5X30-MM)	
	10	1	5P-7462	1	CLIP (SLOT)	
	11	1	5P-7463	1	CLIP (TAB)	
	12	1	6V-0683	1	GROMMET	
	13	1	217-4590	1	BRACKET AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	

I-REFER TO HYDRAULIC INFORMATION SYSTEM

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01163307

FUEL SYSTEM

193-7404 MANIFOLD GP-FUEL

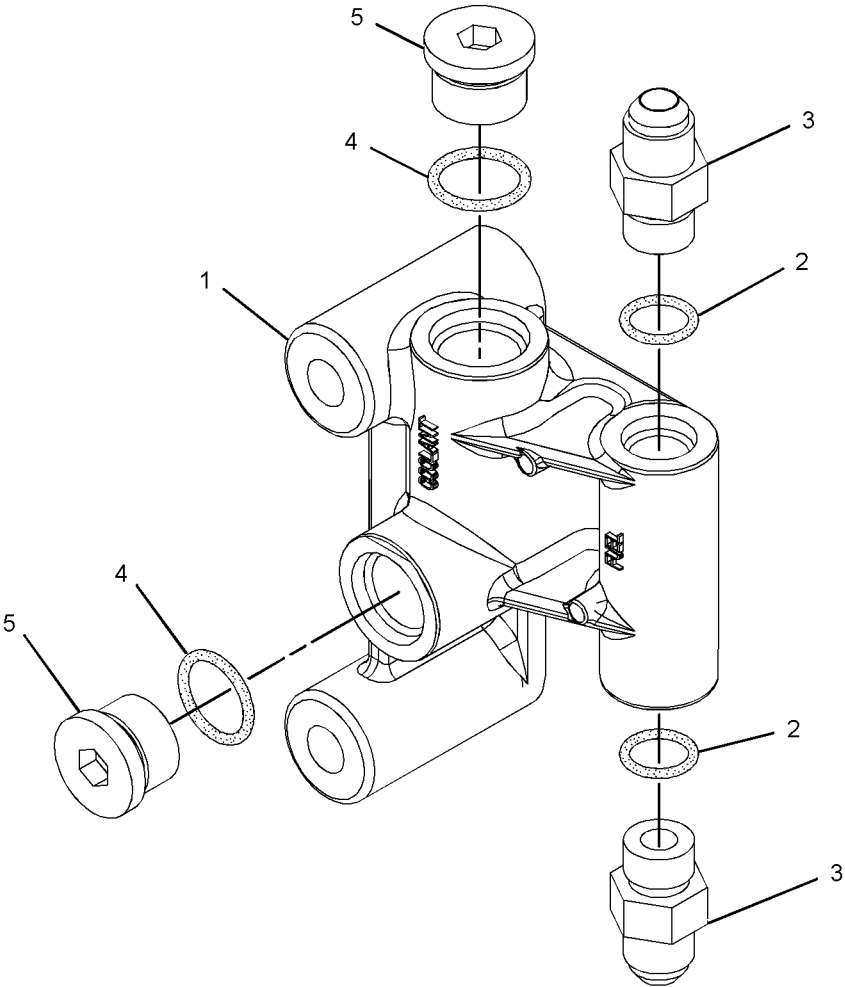
S/N: RHX1-UP

PART OF 314-5164 LINES GP-FUEL
AN ATTACHMENT

SMCS-1274

i03631763

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	168-0300	1	MANIFOLD						
	2	1	033-6042	2	SEAL-O-RING						
	3	1	2R-6806	2	CONNECTOR-O-RING						
	4	1	6V-6609	2	SEAL-O-RING						
	5	1	9S-8005	2	PLUG-O-RING						



GRAPHIC #1

<END>

g02062253

FUEL SYSTEM

269-3947 PLUG GP-FUEL FILTER BASE-AIR PURGE

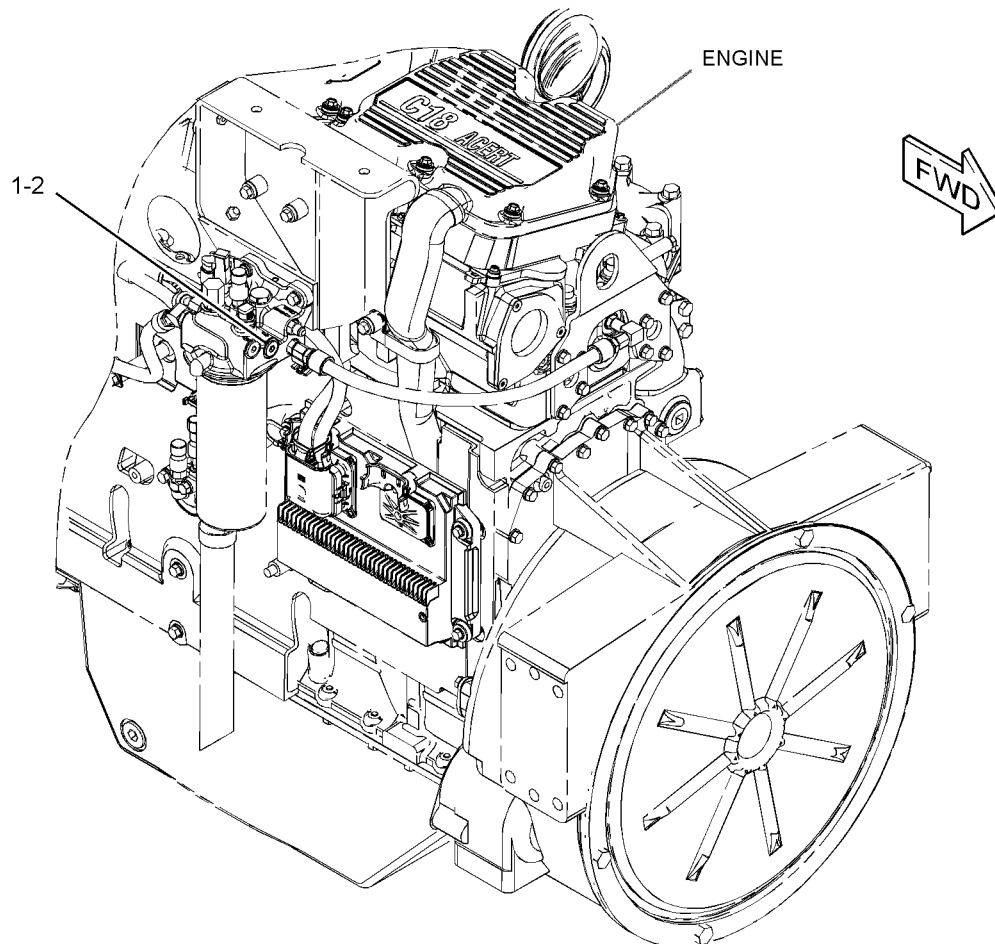
S/N: BXY508-UP

PART OF 226-9643 INSTALLATION AR-ENGINE

SMCS-1262

i02355470

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3K-0360	1	SEAL-O-RING						
	2	1	9S-8005	1	PLUG-O RING						



GRAPHIC #1

<END>

g01179437

FUEL SYSTEM

150-4279 PUMP & MTG GP-FUEL TRANSFER-REAR

S/N: RHX1-3001

ALLOWS USE OF FRONT MOUNTED PUMP EXCEPT WHEN LH MOUNTING GP-ALTERNATOR IS PROVIDED

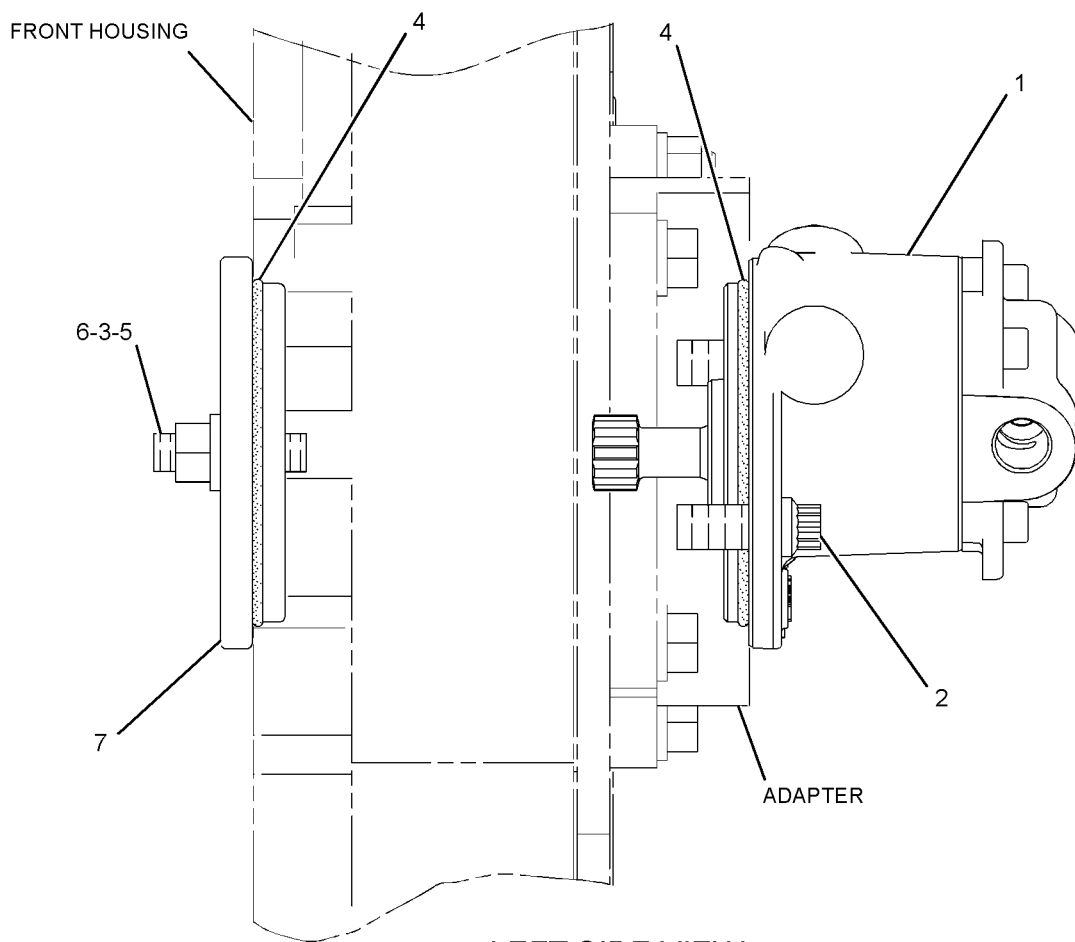
PART OF 225-6065, 225-6106 ENGINE AR-COMplete
AN ATTACHMENT

SMCS-1256

i02510710

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	1	1	231-3947	1	PUMP GP-FUEL TRANSFER						
	2	1	1T-0765	2	BOLT (3/8-16X1-IN)						
	3	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	4	1	107-5769	2	SEAL-O-RING						
	5	1	0S-0699	2	STUD						
	6	1	9S-8752	2	NUT-FULL (3/8-16-THD)						
	7	1	133-9116	1	COVER						

C-CHANGE FROM PREVIOUS TYPE



GRAPHIC #1

<END>

g01262029

FUEL SYSTEM

150-4279 PUMP & MTG GP-FUEL TRANSFER-REAR

S/N: RHX1-UP

ALLOWS USE OF FRONT MOUNTED PUMP EXCEPT WHEN LH MOUNTING GP-ALTERNATOR IS PROVIDED

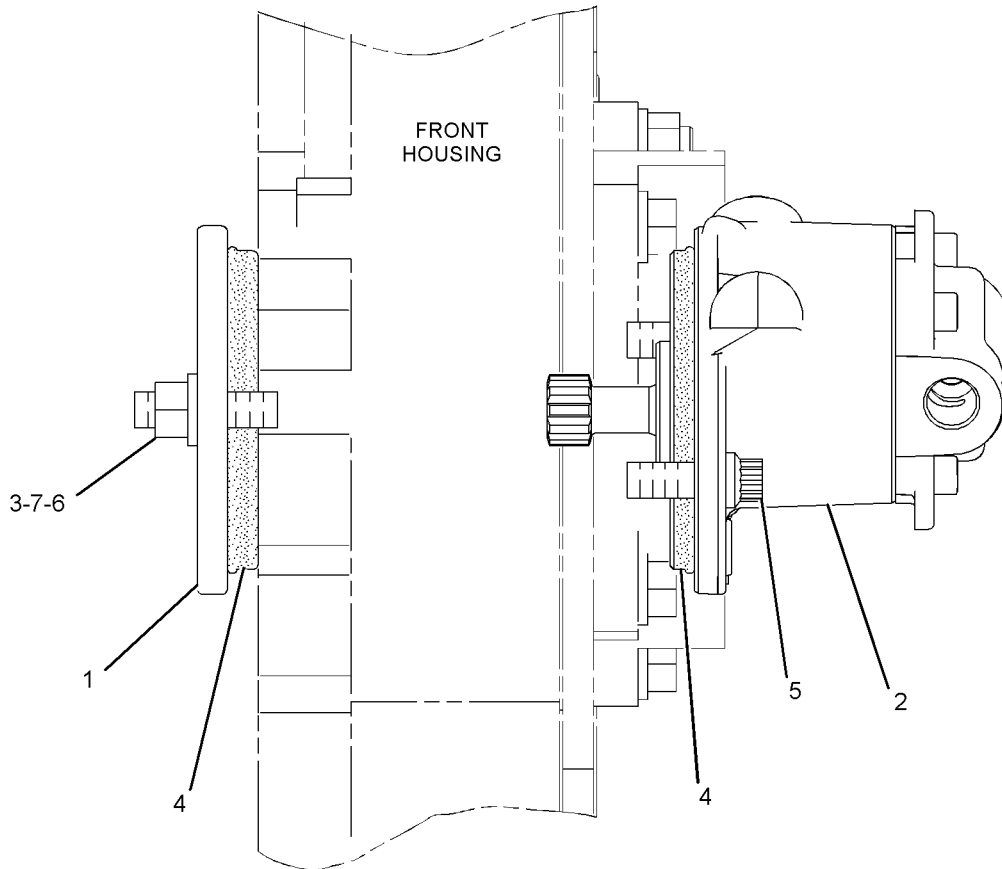
PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMplete
AN ATTACHMENT

SMCS-1256

i03644431

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	133-9116	1	COVER						
CJR	2	1	316-6864	1	PUMP GP-FUEL TRANSFER						
	3	1	0S-0699	2	STUD						
	4	1	107-5769	2	SEAL-O-RING						
	5	1	1T-0765	2	BOLT (3/8-16X1-IN)						
	6	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	7	1	9S-8752	2	NUT-FULL (3/8-16-THD)						
AVAILABLE REPAIR KIT(S):											
AJ				1	KIT-SPRING						

A-NOT PART OF THIS GROUP
C-CHANGE FROM PREVIOUS TYPE
J-KIT MARKED J SERVICES PART MARKED J
R-REMFG PART MAY BE AVAILABLE



LEFT SIDE VIEW OF ENGINE

<END>

GRAPHIC #1

g01364794

FUEL SYSTEM

235-1402 PUMP GP-FUEL INJECTION

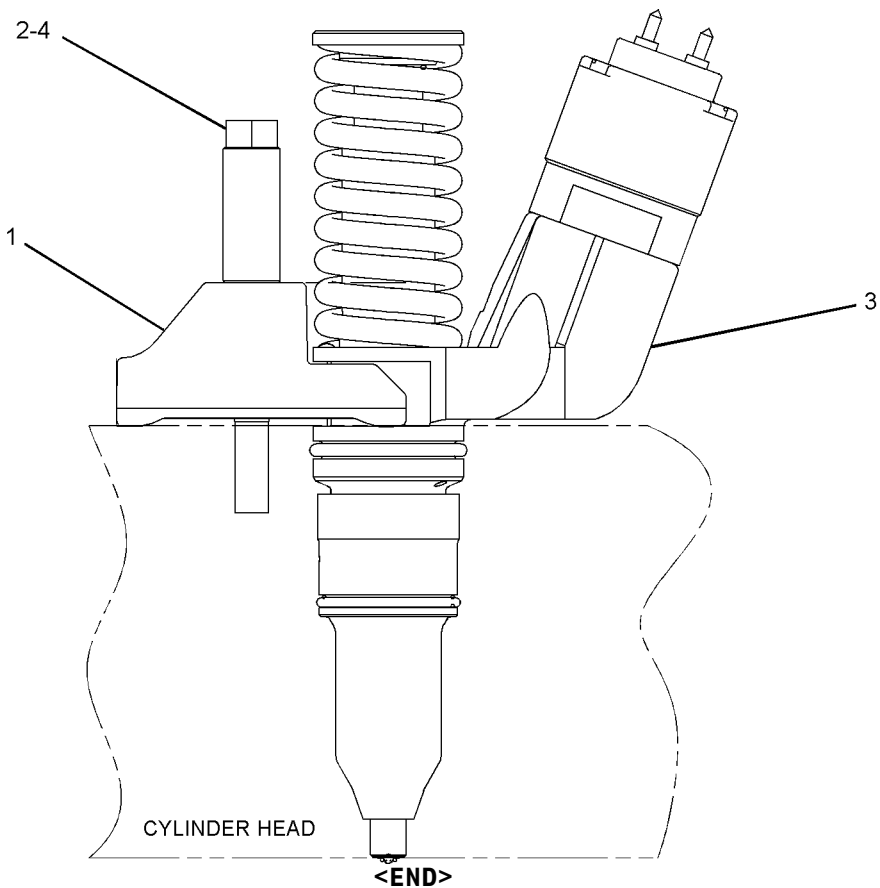
S/N: RHX515-625

PART OF 241-5933, 241-5934 ENGINE AR-CORE
AN ATTACHMENT

SMCS-1251, 1290

i02426127

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)						
	3	1	244-7716	1	INJECTOR GP-FUEL						
	3A	1	230-3728	1	SEAL-O-RING (32.99-MM ID)						
	3B	1	230-3775	1	SEAL-O-RING (36.09-MM ID)						
	3C	1	9X-7317	1	SEAL-O-RING (9.6MM-ID)						
	4	1	8S-9191	1	BOLT (3/8-16X4-IN)						



GRAPHIC #1

g01058299

FUEL SYSTEM

235-1402 PUMP GP-FUEL INJECTION

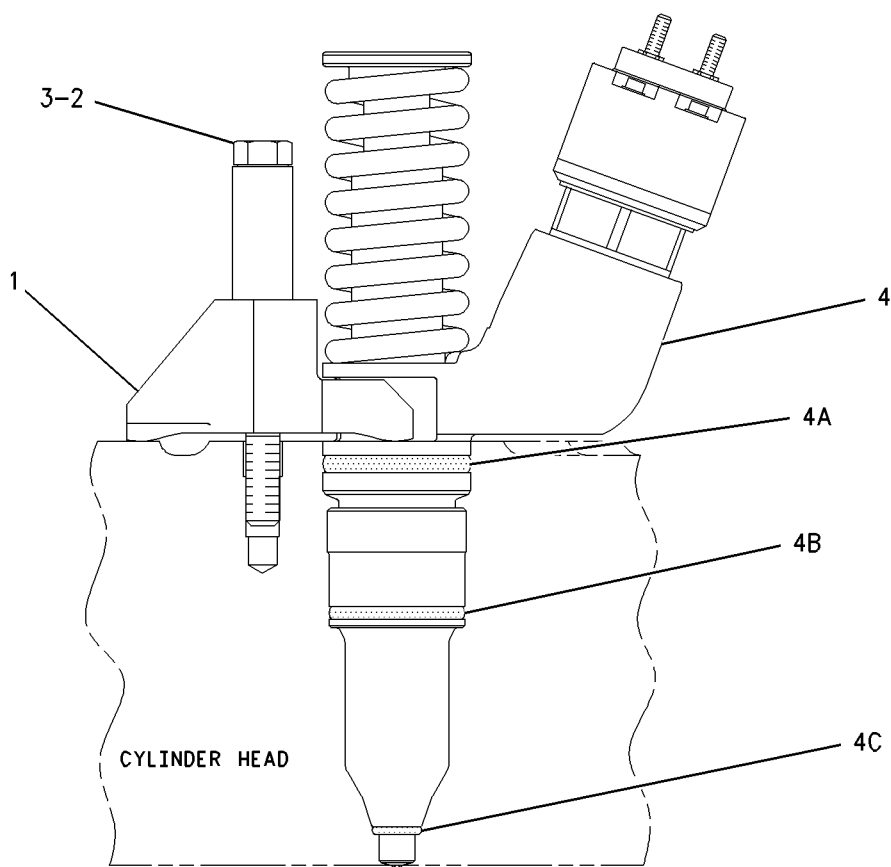
S/N: RHX1-514

PART OF 241-5933, 241-5934 ENGINE AR-CORE
AN ATTACHMENT

SMCS-1251, 1290

i02426126

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	8S-9191	1	BOLT (3/8-16X4-IN)						
	3	1	100-5072	1	SPACER (9.8X15.85X37.6-MM THK)						
	4	1	232-1206	1	INJECTOR GP-FUEL						
	4A	1	9X-7419	1	SEAL-O-RING (36.09-MM ID)						
	4B	1	9X-7418	1	SEAL-O-RING (32.99-MM ID)						
	4C	1	9X-7317	1	SEAL-O-RING (9.6-MM ID)						



GRAPHIC #1

<END>

g00900391

FUEL SYSTEM

235-1402 PUMP GP-FUEL INJECTION

S/N: RHX1-UP

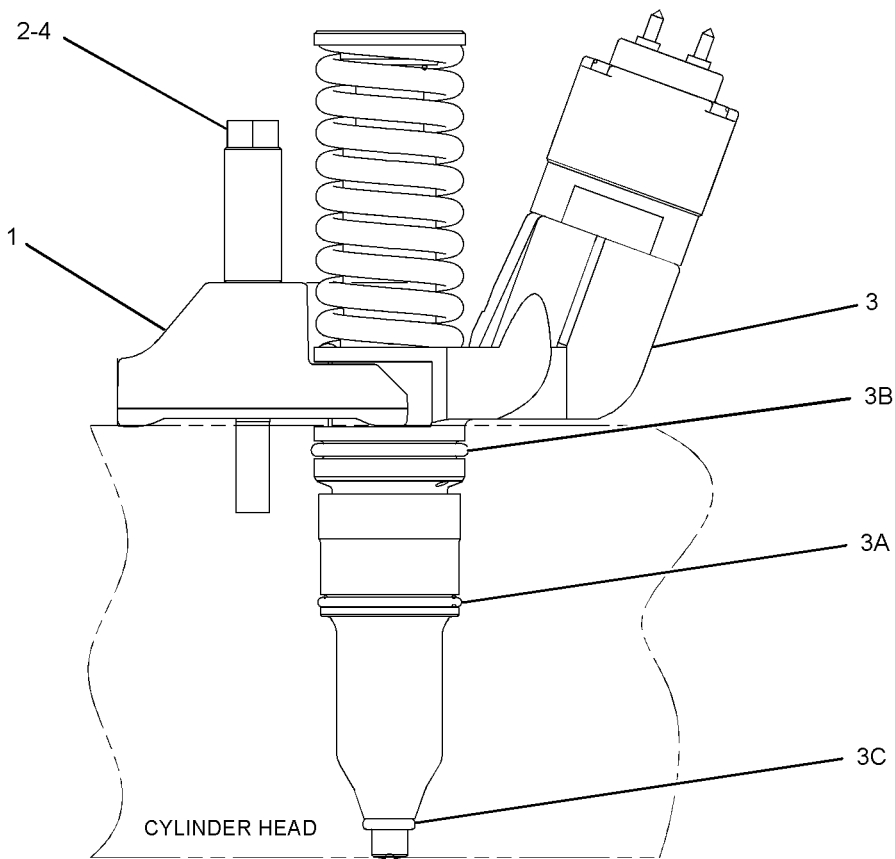
PART OF 241-5933, 241-5934, 280-2166, 317-2767 ENGINE AR-CORE
AN ATTACHMENT

SMCS-1251, 1290

i02604396

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)						
CR	3	1	253-0616	1	INJECTOR GP-FUEL						
	3A	1	230-3728	1	SEAL-O-RING						
	3B	1	230-3775	1	SEAL-O-RING						
	3C	1	9X-7317	1	SEAL-O-RING						
	4	1	8S-9191	1	BOLT (3/8-16X4-IN)						

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



GRAPHIC #1

<END>

g01111489

FUEL SYSTEM

302-8170 PUMP GP-FUEL PRM & PRIM FILTER

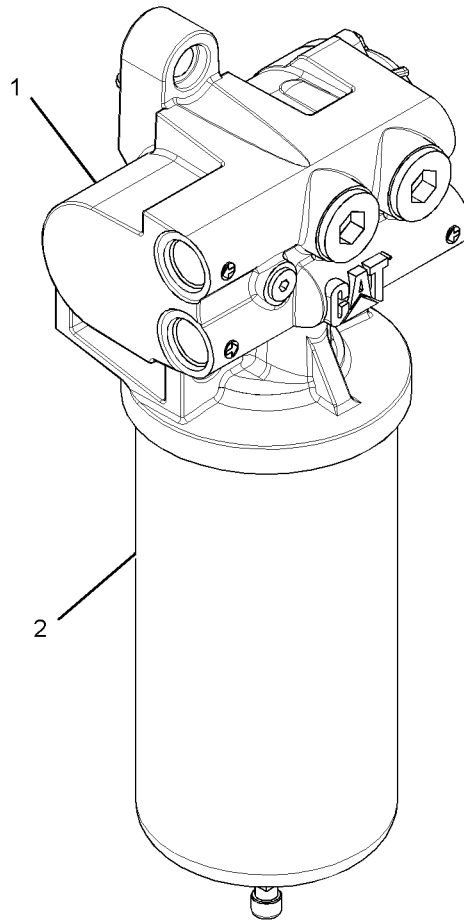
S/N: BXY2345-UP

PART OF 2Q-8722, 2Q-8733, 2Q-8744, 2Q-8749, 2Q-8752, 2Q-8753 STEEL MILL AR
AN ATTACHMENT

SMCS-1258, 1260

i02905168

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	247-6050	1	BASE GP-FUEL FILTER						
	2	1	299-1893	1	FILTER AS-WATER SEP & FUEL (PRIMARY)						



GRAPHIC #1

<END>

g01457501

FUEL SYSTEM

213-4740 PUMP GP-FUEL PRM & WATER SEP

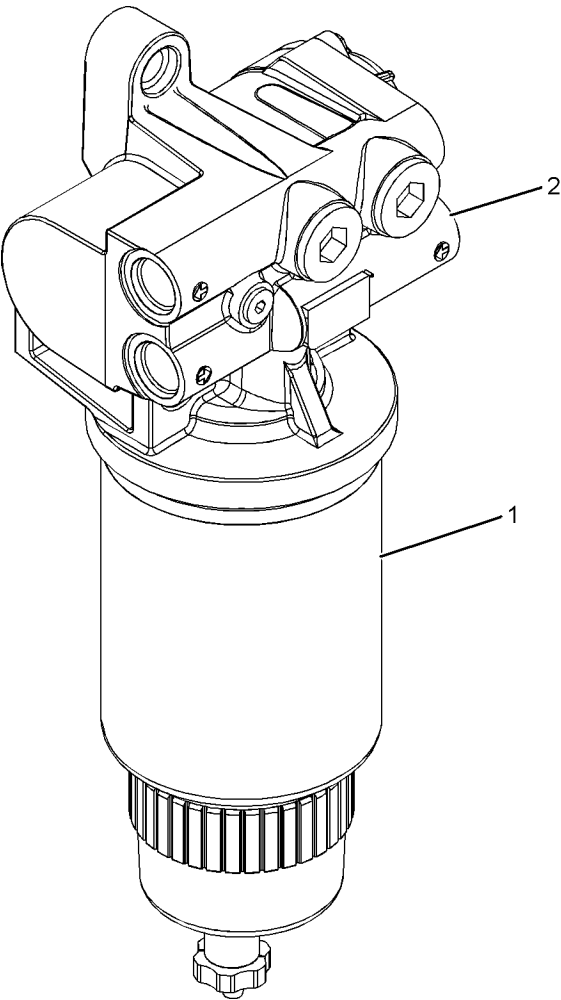
S/N: BXY1-UP

PART OF 225-8334 LINES GP-FUEL

SMCS-1258, 1261, 1263

i03027462

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 (PRIMARY)						231
	2	1	247-6050	1	BASE GP-FUEL FILTER						
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g01089480

FUEL SYSTEM

228-1787 TANK & MTG GP-FUEL

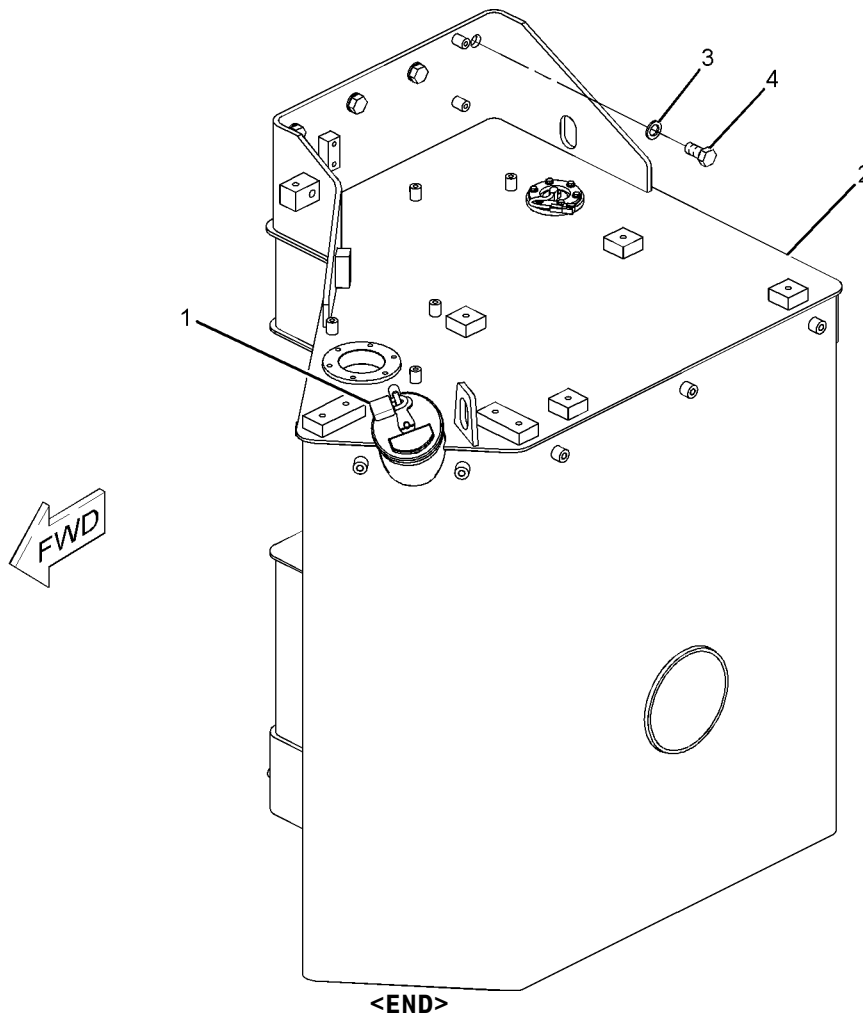
S/N: BXY1-UP

PART OF 225-5432, 284-2735 CHASSIS AR

SMCS-1273

i02222160

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						
					(INCLUDES KEY)						
Y	2	1	231-9006	1	TANK GP-FUEL						267
	3	1	8T-4123	7	WASHER (22X35X3.5-MM THK)						
M	4	1	8T-5460	7	BOLT (M20X2.5X40-MM)						
M-METRIC PART											
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

g01020930

FUEL SYSTEM

231-9006 TANK GP-FUEL

S/N: BXY1-UP

731 LITERS

PART OF 228-1787 TANK & MTG GP-FUEL

SMCS-1273

i03137969

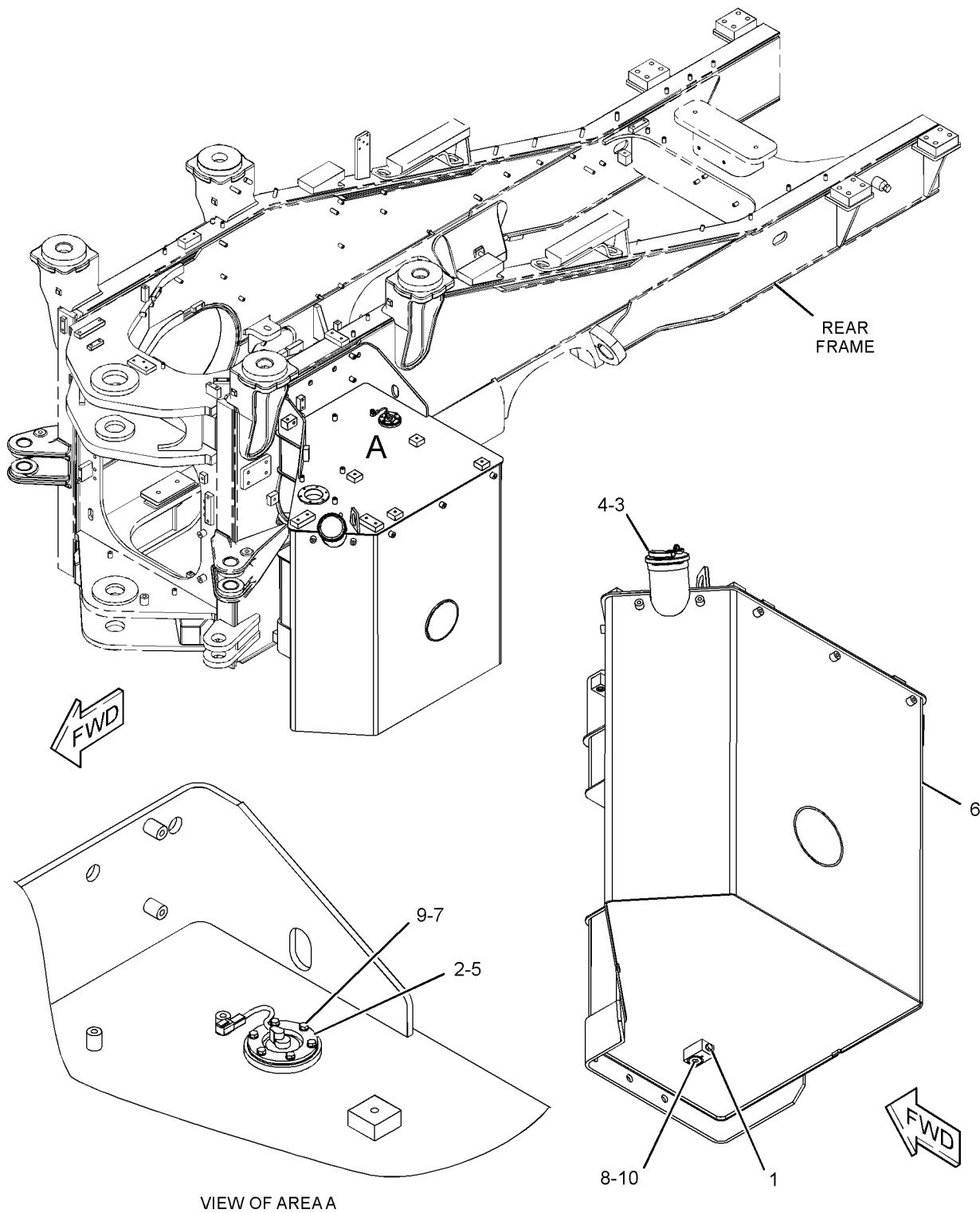
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1H-8306	1	SCREW-PURGE (1/2-20X1.625-IN)						
	2	1	6C-3060	1	GASKET						
	3	1	7X-7700	1	CAP AS-FILLER (FUEL TANK)						
		1	9X-2205	1	KIT-CAP FILTER (FUEL TANK)						
					(INCLUDES FILTER AS, SCREW, VALVE AND GASKETS)						
		1	9X-8600	1	SEAL-O-RING						
	4	1	9P-7121	1	STRAINER-FUEL						
	5	1	324-3641	1	SENDER AS-FUEL LEVEL						
		1	6C-3060	1	GASKET						
		1	317-9186	1	KIT-REPAIR (FUEL LEVEL GAUGE)						
					(INCLUDES SENSOR AS., SCREW, RECEPTACLE KIT, & PIN CONNECTOR)						
	6	1	221-8690	1	TANK AS-FUEL						
M	7	1	5C-9553	6	BOLT (M6X1X16-MM)						
	8	1	7M-8485	1	SEAL-O-RING						
	9	1	9X-8256	6	WASHER (6.6X12X2-MM THK)						
	10	1	9S-9334	1	PLUG-O-RING						

M-METRIC PART

FUEL SYSTEM

231-9006 TANK GP-FUEL (contd.)

i03137969



GRAPHIC #1

<END>

g01231692

FUEL SYSTEM

275-5727 TANK GP-FUEL

S/N: BXY1900-UP

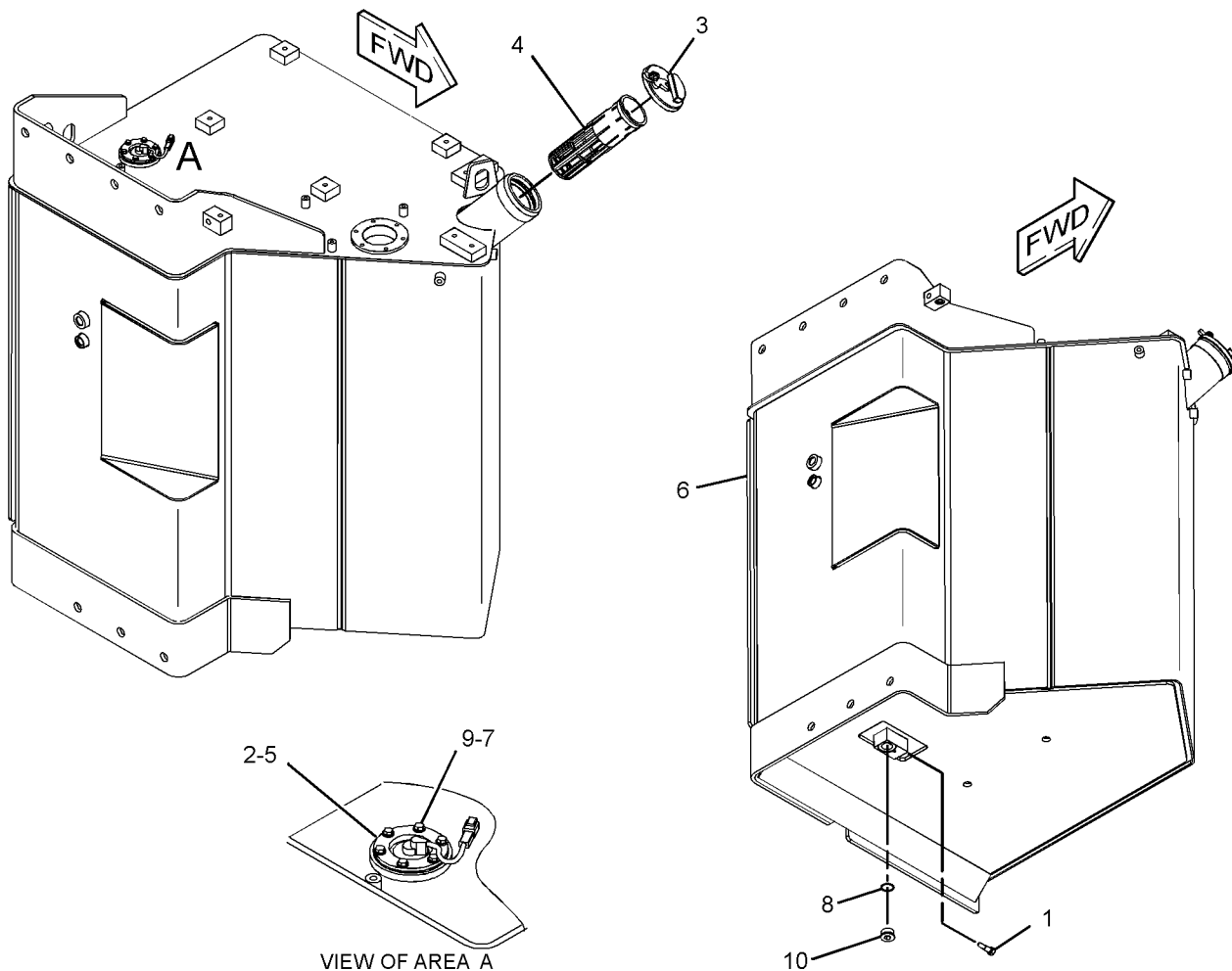
PART OF 308-2730 GUARD GP-REAR
AN ATTACHMENT

SMCS-1273

i03654850

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	1H-8306	1	SCREW-PURGE (1/2-20X1.625-IN)	
	2	1	6C-3060	1	GASKET	
	3	1	7X-7700	1	CAP AS-FILLER (FUEL TANK)	
		1	9X-2205	1	KIT-CAP FILTER (FUEL TANK)	
					(INCLUDES FILTER AS, SCREWS, GASKETS, & VALVE)	
		1	9X-8600	1	SEAL-O-RING	
	4	1	9P-7121	1	STRAINER-FUEL	
	5	1	324-3641	1	SENDER AS-FUEL LEVEL	
		1	6C-3060	1	GASKET	
		1	317-9186	1	KIT-REPAIR (FUEL LEVEL GAUGE)	
					(INCLUDES SENSOR AS, SCREW, RECEPTACLE KIT & PIN CONNECTOR)	
	6	1	227-3232	1	TANK GP-FUEL	
M	7	1	5C-9553	6	BOLT (M6X1X16-MM)	
	8	1	7M-8485	1	SEAL-O-RING	
	9	1	9X-8256	6	WASHER (6.6X12X2-MM THK)	
	10	1	9S-9334	1	PLUG-O-RING	

M-METRIC PART



GRAPHIC #1

<END>

g01370295

FUEL SYSTEM

233-6742 VALVE GP-CHECK-FUEL

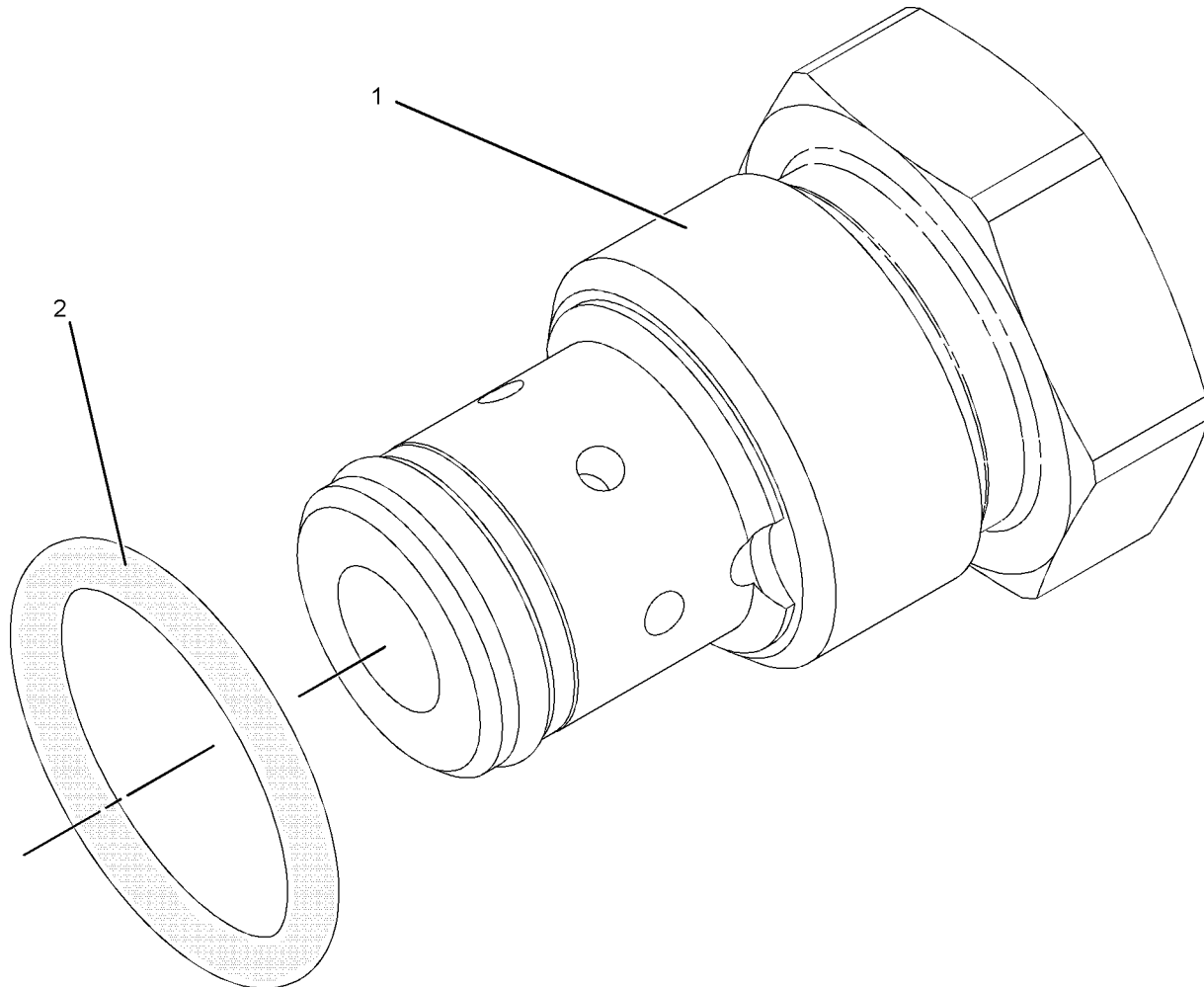
S/N: RHX1-1969

PART OF 231-0321 FILTER GP-FUEL
AN ATTACHMENT

SMCS-1251, 1274

i02274525

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	238-0296	1	VALVE GP-CHECK (FUEL)	272
	2	1	6V-4589	1	SEAL-O-RING	
Y-SEPARATE ILLUSTRATION						



GRAPHIC #1

<END>

g01031823

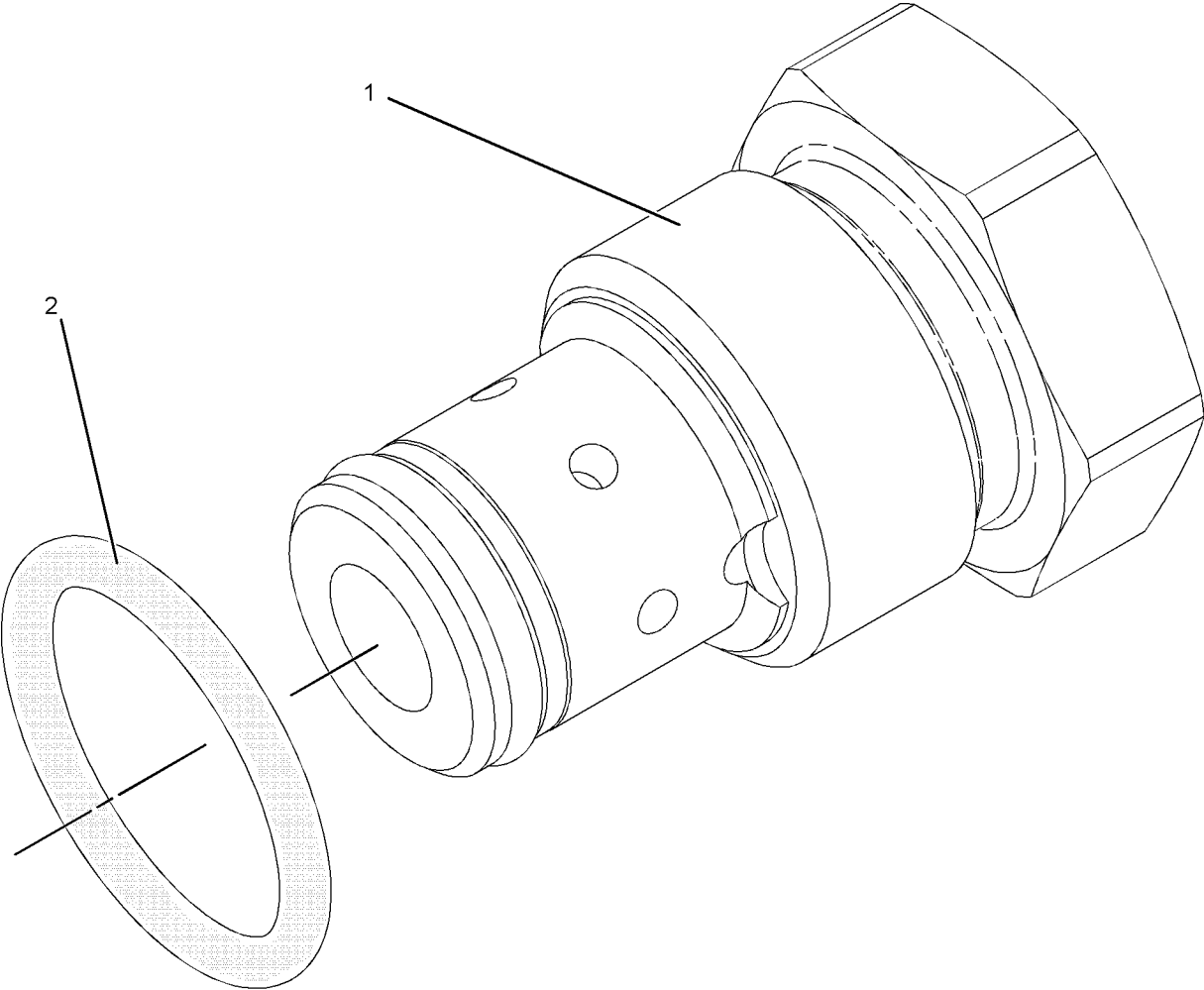
FUEL SYSTEM

233-6742 VALVE GP-CHECK-FUEL
S/N: RHX1-UP
PART OF 231-0321, 314-5216 FILTER GP-FUEL
AN ATTACHMENT

SMCS-1251, 1274

i03808154

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
CY	1	1	281-2725	1	VALVE	GP-CHECK	(FUEL)				273
	2	1	238-5081	1	SEAL-O-RING						
C-CHANGE FROM PREVIOUS TYPE Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g01031823

FUEL SYSTEM

238-0296 VALVE GP-CHECK-FUEL

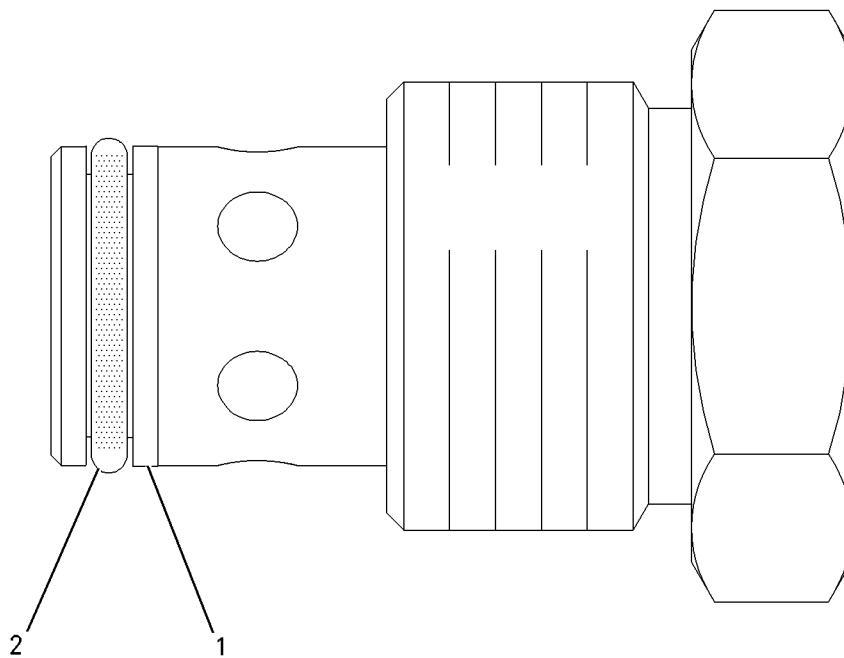
S/N: RHX1-UP

PART OF 233-6742 VALVE GP-CHECK
AN ATTACHMENT

SMCS-1251, 1274

i02140024

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



GRAPHIC #1

<END>

g00864141

FUEL SYSTEM

281-2725 VALVE GP-CHECK-FUEL

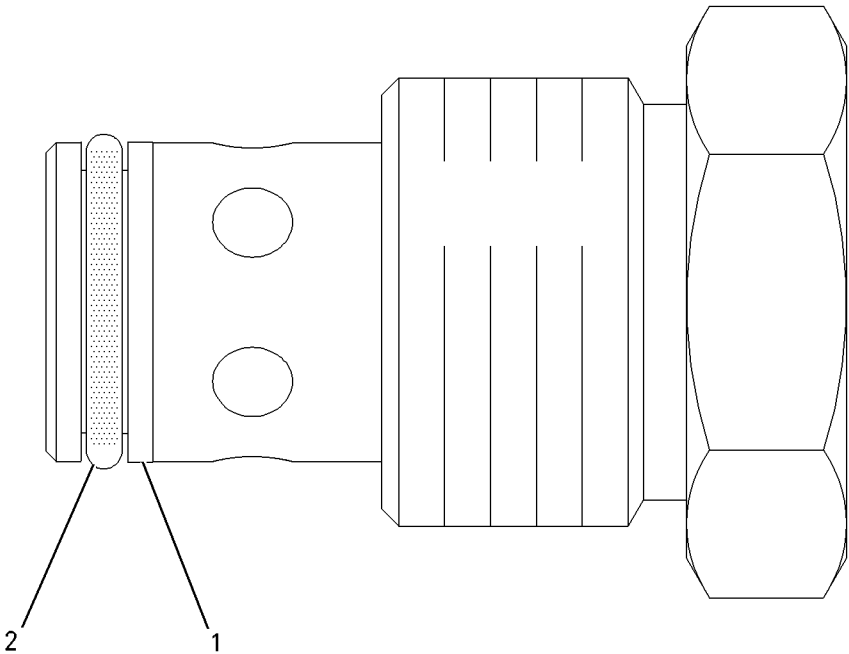
S/N: RHX1-UP

PART OF 233-6742 VALVE GP-CHECK
AN ATTACHMENT

SMCS-1251, 1274

i02444582

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



GRAPHIC #1

<END>

g00864141

FUEL SYSTEM

263-7358 VALVE GP-PURGE-FUEL SYSTEM AIR

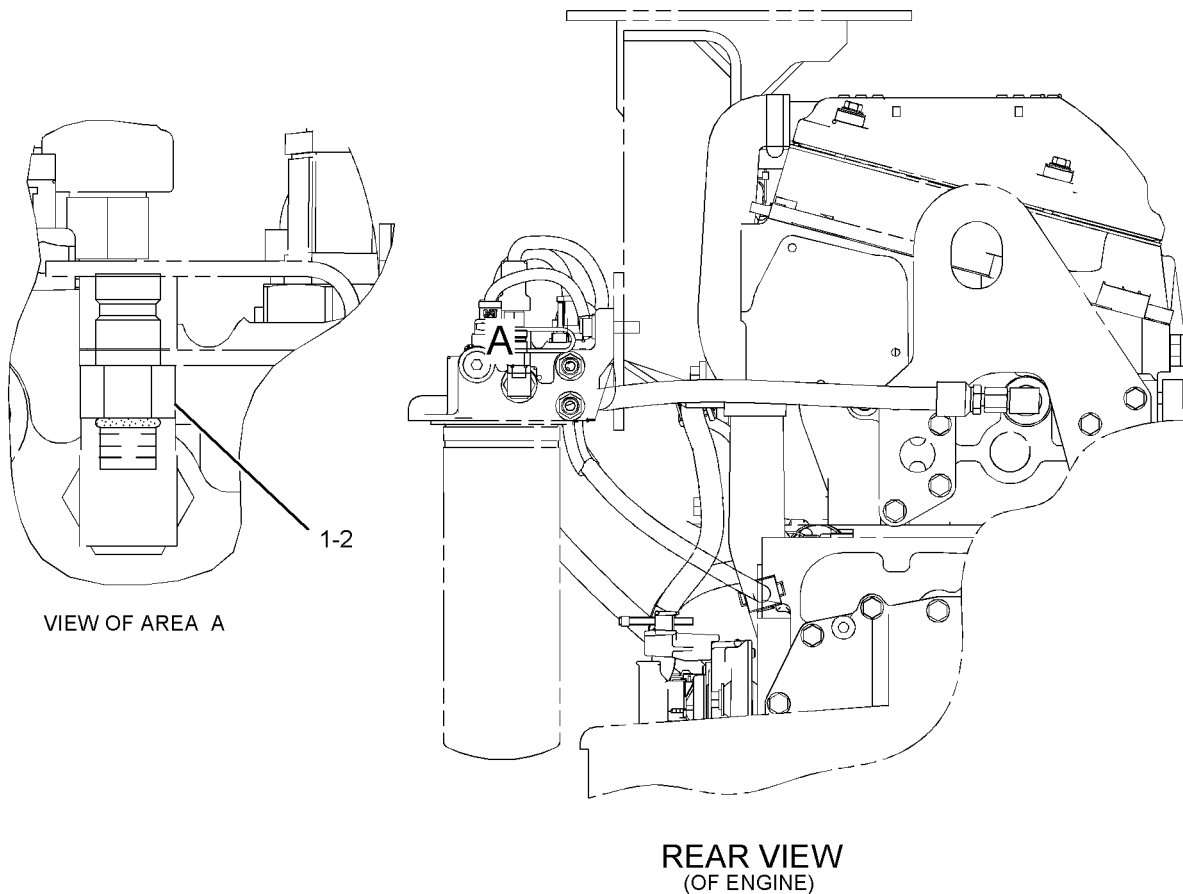
S/N: BXY1-507

PART OF 226-9643 INSTALLATION AR-ENGINE

SMCS-1262

i02216477

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6V-5048	1	SEAL-O-RING						
	2	1	8C-3446	1	VALVE-FLUID SAMPLING						



GRAPHIC #1

<END>

g01120006

ELECTRICAL AND STARTING SYSTEM

3E-6328 ALARM GP-CATERPILLAR MONITORING SYSTEM-ACTION

S/N: BXY1-UP

24-VOLT

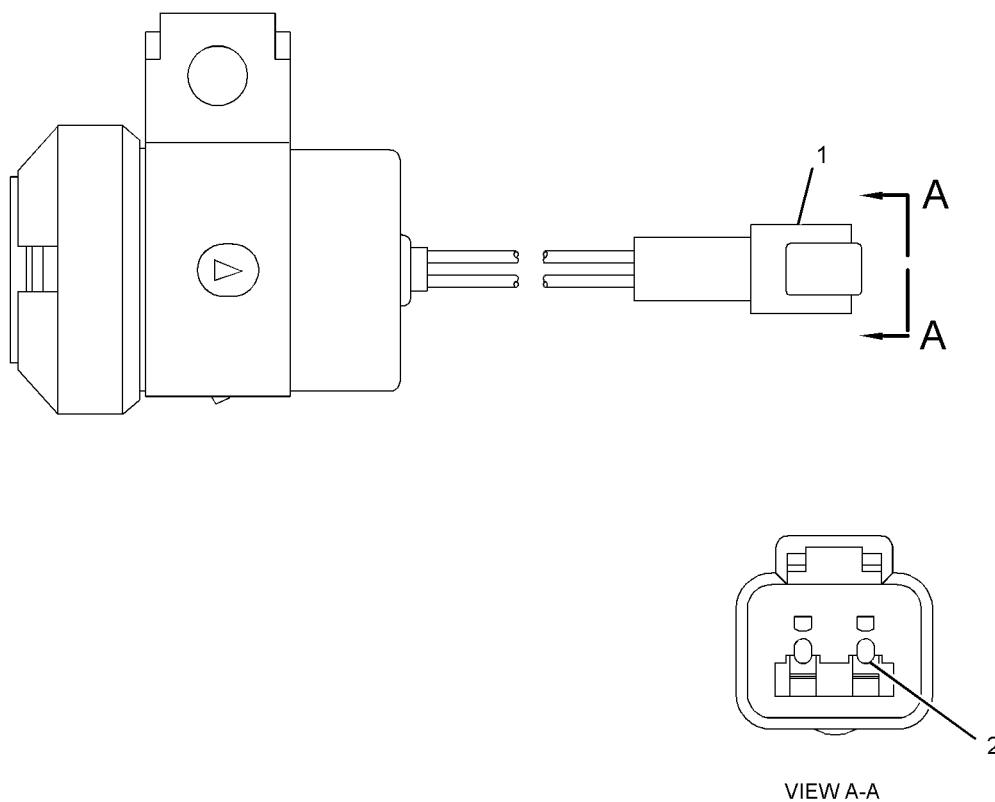
PART OF 261-0400, 345-4460 WIRING GP-CAB

ALSO AN ATTACHMENT

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-24-VOLT, 95-AMPERE*R

S/N: BXY1-UP

PART OF 262-5046 ALTERNATOR GP-CHARGING

SMCS-1405

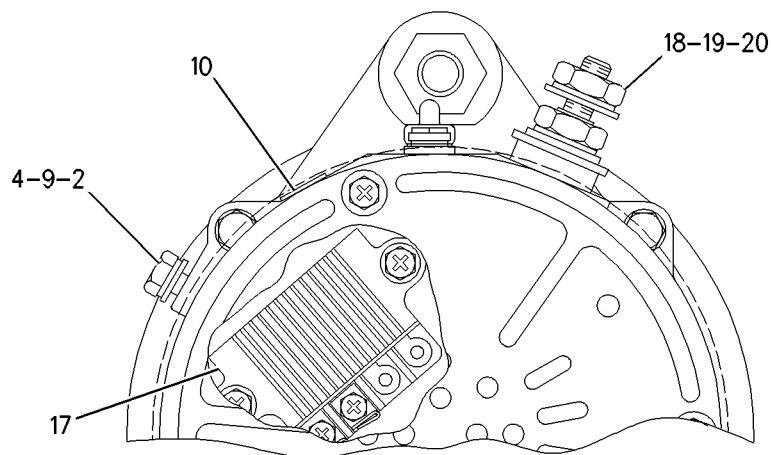
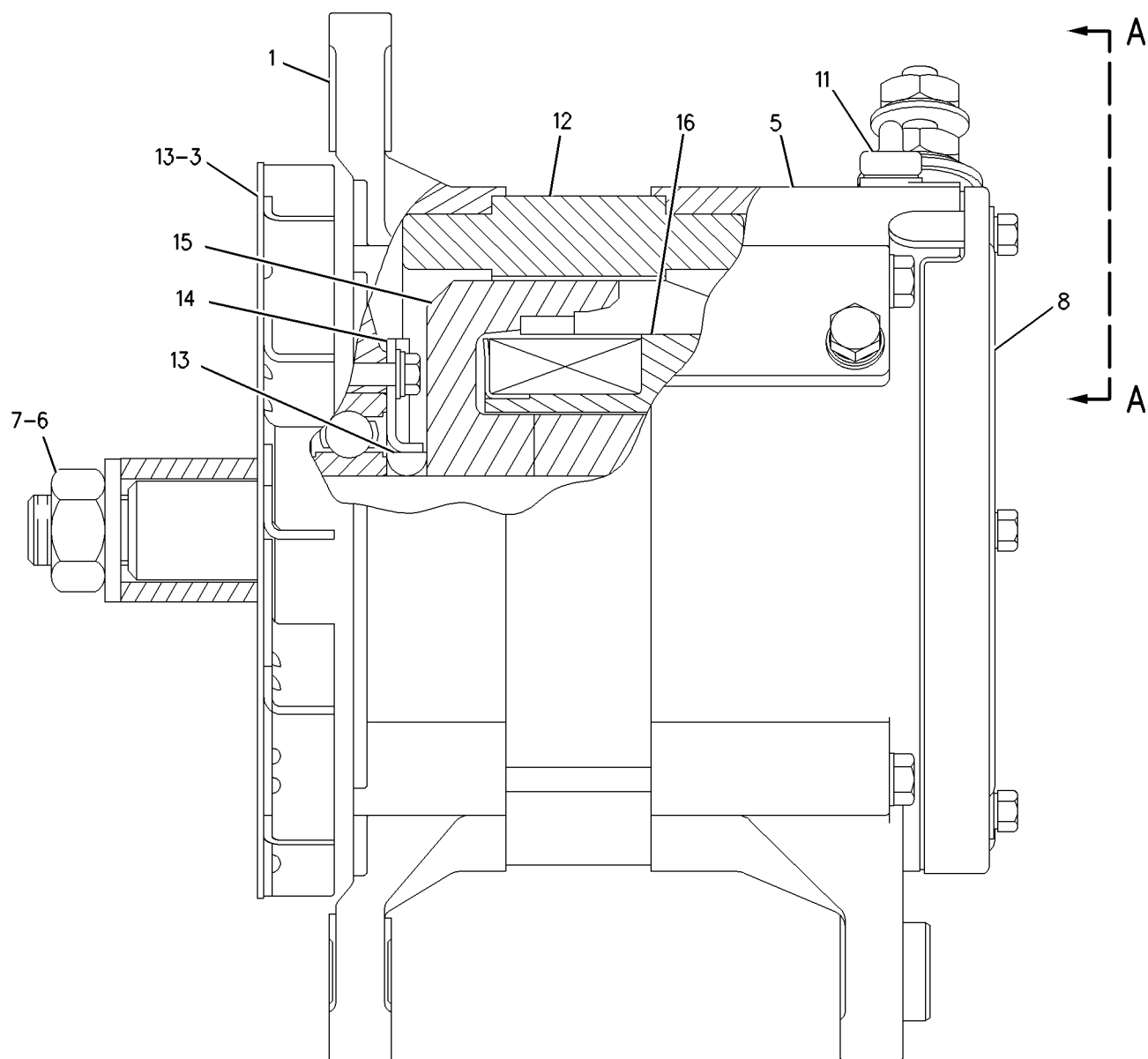
i03565999

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 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.)

i03565999



VIEW A-A

GRAPHIC #1

<END>

g00873198

ELECTRICAL AND STARTING SYSTEM

262-5046 ALTERNATOR GP-CHARGING

S/N: BXY1-UP

PART OF 226-9643 INSTALLATION AR-ENGINE

SMCS-1405

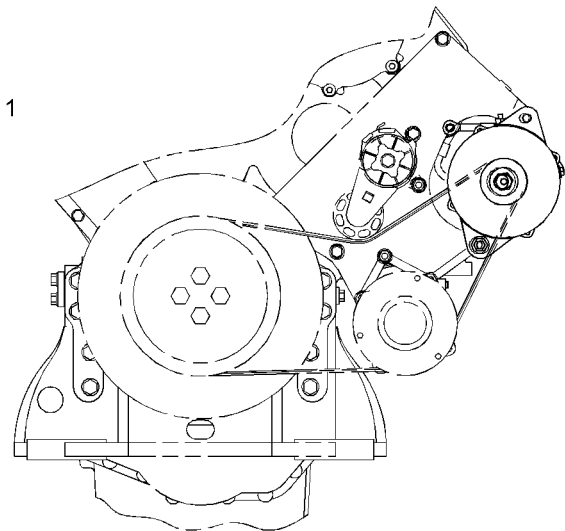
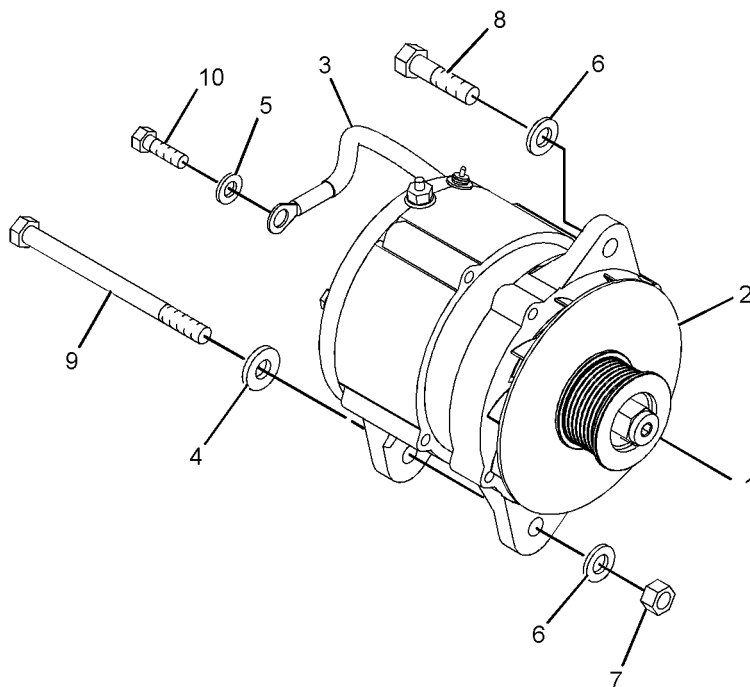
i02674572

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	190-3635	1	PULLEY	
YR	2	1	197-8820	1	ALTERNATOR GP-CHARGING (24-VOLT, 95-AMPERE)	276
	3	1	299-5845	1	WIRE AS	
	4	1	5P-1076	1	WASHER-HARD (13.5X30X4-MM THK)	
	5	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)	
	6	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)	
M	7	1	8T-4244	1	NUT (M12X1.75-THD)	
	8	1	8T-4835	1	BOLT (1/2-13X2-IN)	
M	9	1	8T-7930	1	BOLT (M12X1.75X160-MM)	
	10	1	9B-7237	1	BOLT (3/8-16X1.25-IN)	

M-METRIC PART

R-REMFG PART MAY BE AVAILABLE

Y-SEPARATE ILLUSTRATION



FRONT VIEW
(OF ENGINE)

GRAPHIC #1

<END>

g01120902

ELECTRICAL AND STARTING SYSTEM

257-5028 BATTERY & WIRING GP

S/N: BXY1-1241

PART OF 225-5452 ELECTRICAL AR

SMCS-1401, 1402, 1408

i02470672

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2G-8767	4	WASHER (10.5X60X3-MM THK)						
	2	2	3E-8320	1	PLATE-INSTRUCTION (BATTERY)						
	3	1, 2	3S-2093	15	STRAP-CABLE						
	4	1	6G-2256	2	CLAMP						
	5	1	6G-2263	2	SPACER (10.5X19X28.5-MM THK)						
Y	6	1	7N-0719	1	SWITCH GP-DISCONNECT (BATTERY)						453
	7	1	8C-6358	1	BLOCK GP-JUNCTION (BATTERY)						
		1	1D-5117	3	NUT-JAM (1/2-13-THD)						
		1	8T-3519	3	BOLT-BRONZE (1/2-13X2-IN)						
	8	1	8S-2634	1	COVER AS						
	9	2	115-2422	4	BATTERY GP (12-VOLT, MAINTENANCE FREE, WET)						
					(EACH INCLUDES)						
		2	123-1373	6	CAP AS-FILLER (BATTERY)						
	10	1	118-1277	2	CABLE AS						
					(EACH INCLUDES)						
E		1	5P-0761		CABLE (00-GA, RED) (20-CM)						
		1	9G-0003	1	COVER AS-TERMINAL (BLACK)						
		1	9G-0004	1	COVER AS-TERMINAL (RED)						
		1	8C-5917		TERMINAL AS-BATTERY (POSITIVE)						
		1	8T-9757	2	TERMINAL AS-BATTERY (NEGATIVE)						
	11	1	118-2080	2	HOLD-DOWN AS						
	12	2	121-7848	2	PLATE						
	13	2	134-2636	1	BRACKET AS						
M		2	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	14	2	139-2212	1	BRACKET						
	15	1	139-3884	1	PLATE AS						
	16	2	256-9817	1	CABLE AS						
		2	3L-7634	2	TERMINAL-RING (0000-GA, 1/2-IN SCREW)						
		2	294-2318	2	COVER-TERMINAL (RED)						
E		2	159-8053		CABLE-ELECTRICAL (00-GA, RED) (212-CM)						
	17	1	260-0254	1	CABLE AS						
		1	1S-7251	1	TERMINAL-CABLE (00-GA, 1/2-IN SCREW)						
E		1	5P-0761		CABLE (00-GA, RED) (29-CM)						
		1	8N-1725	1	COVER AS-TERMINAL (RED)						
		1	3S-6049	1	TERMINAL AS-BATTERY (POSITIVE)						
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)						
		1	1M-6120	1	NUT (5/16-18-THD)						
	18	1	260-0255	1	CABLE AS						
		1	1S-7251	1	TERMINAL-CABLE (00-GA, 1/2-IN SCREW)						
E		1	5P-0761		CABLE (00-GA, RED) (29-CM)						
		1	8N-0869	1	COVER-TERMINAL (RED)						
		1	8N-1725	1	COVER AS-TERMINAL (RED)						
		1	3S-6049	1	TERMINAL AS-BATTERY (POSITIVE)						
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)						
		1	1M-6120	1	NUT (5/16-18-THD)						
	19	1	260-0256	1	RECEPTACLE AS						
		1	8N-0869	1	COVER-TERMINAL (RED)						
		1	1S-7251	2	TERMINAL-CABLE (00-GA, 1/2-IN SCREW)						
E		1	5P-0747		CABLE (00-GA, BLACK) (120-CM)						
E		1	5P-0761		CABLE (00-GA, RED) (58-CM)						
	20	2	261-3024	1	CABLE AS						
		2	3L-7634	2	TERMINAL-RING (0000-GA, 1/2-IN SCREW)						
E		2	159-8054		CABLE-ELECTRICAL (00-GA, BLACK) (65-CM)						
	21	1	261-3650	1	CABLE AS						
		1	3L-7634	1	TERMINAL-RING (0000-GA, 1/2-IN SCREW)						
		1	294-2319	1	COVER-TERMINAL (BLACK)						

ELECTRICAL AND STARTING SYSTEM

257-5028 BATTERY & WIRING GP (contd.)

i02470672

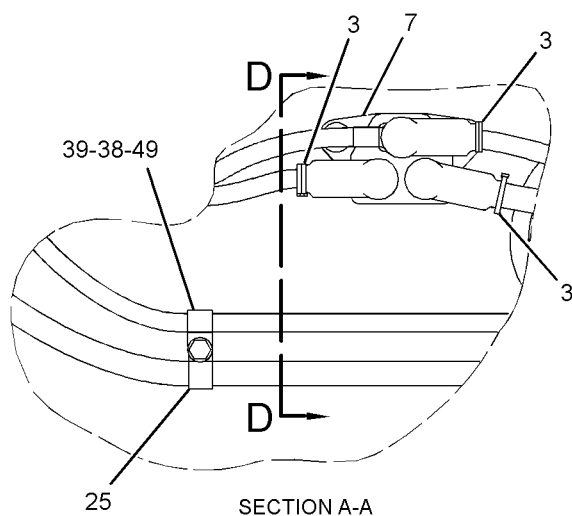
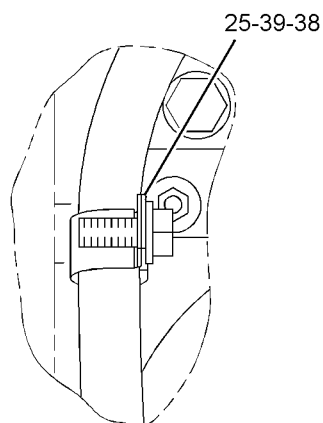
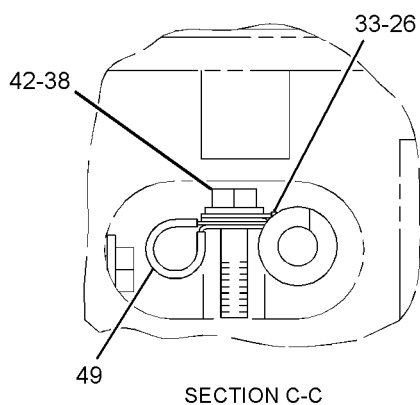
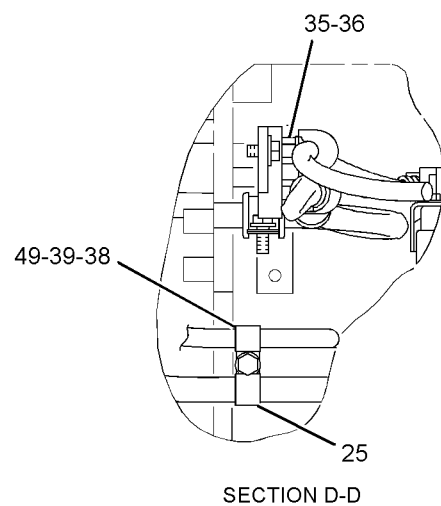
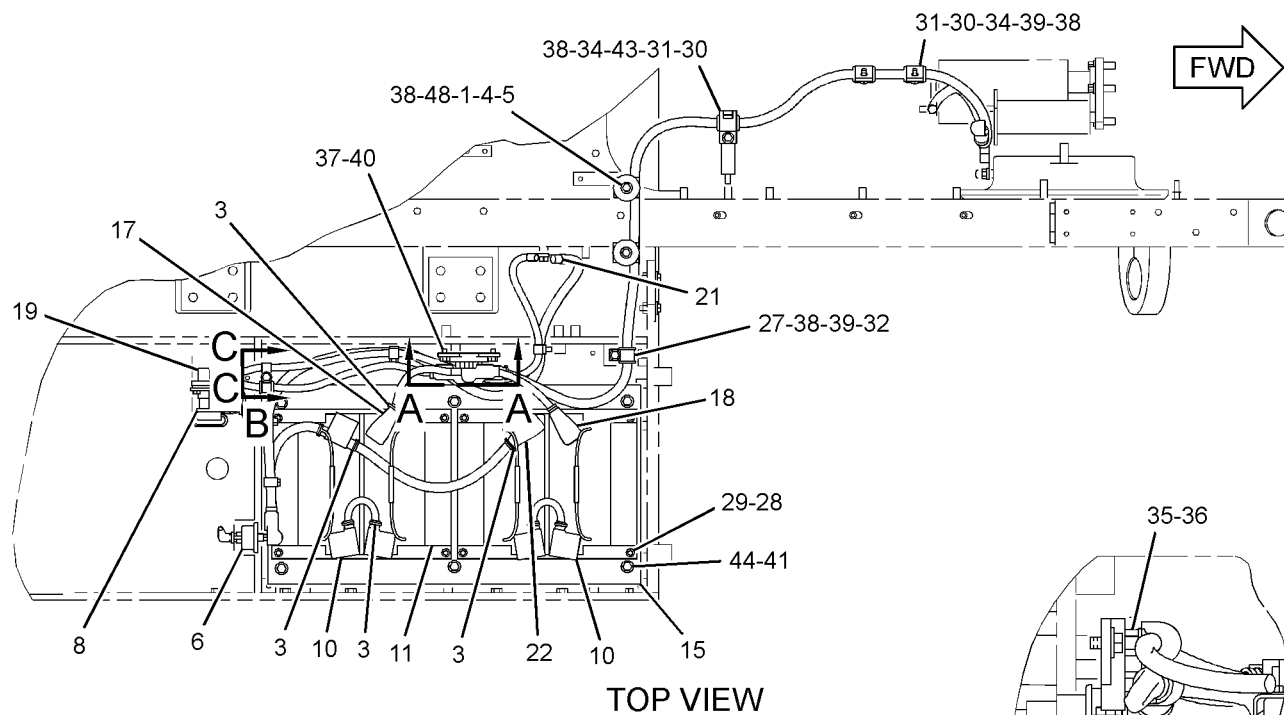
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	031-9295	1	TERMINAL-RING (0000-GA, 3/8-IN SCREW)						
E		1	159-8054		CABLE-ELECTRICAL (00-GA, BLACK) (151-CM)						
	22	1	261-3855	1	CABLE AS						
E		1	159-8054		CABLE-ELECTRICAL (00-GA, BLACK) (88-CM)						
		1	294-2319	1	COVER-TERMINAL (BLACK)						
		1	7T-4925	1	COVER-TERMINAL (BLACK)						
		1	7T-9988	1	COVER AS-TERMINAL (BLACK)						
		1	9X-6763	1	TERMINAL AS (NEGATIVE)						
		1	188-0158	1	TERMINAL AS-BATTERY						
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)						
		1	1M-6120	1	NUT (5/16-18-THD)						
		1	031-9295	1	TERMINAL-RING (0000-GA, 3/8-IN SCREW)						
	23	2	118-2079	4	ROD						
	25	1, 2	1S-0994	5	CLIP						
	26	1	2V-1771	1	GROMMET						
	27	1	4S-1962	1	CLIP						
M	28	1	5C-2890	8	NUT (M6X1-THD)						
	29	1	5P-4115	8	WASHER-HARD (7.2X19X2-MM THK)						
	30	1	5P-7462	3	CLIP (SLOT)						
	31	1	5P-7463	3	CLIP (TAB)						
	32	1	5P-8939	1	GROMMET						
	33	1	6D-4246	1	CLIP						
	34	1	6V-0683	3	GROMMET						
	35	1	6V-8188	6	NUT (1/2-13-THD)						
	36	1	7F-0560	6	WASHER (0.516X0.938X0.101-IN THK)						
	37	1	7X-7729	2	WASHER (11X25X3-MM THK)						
	38	1, 2	8T-4121	13	WASHER-HARD (11X21X2.5-MM THK)						
M	39	1, 2	8T-4136	9	BOLT (M10X1.5X25-MM)						
M	40	1	8T-4137	2	BOLT (M10X1.5X20-MM)						
M	41	1, 2	8T-4139	7	BOLT (M12X1.75X30-MM)						
M	42	1	8T-4186	1	BOLT (M10X1.5X40-MM)						
M	43	1	8T-4195	1	BOLT (M10X1.5X30-MM)						
	44	1, 2	8T-4223	9	WASHER-HARD (13.5X25.5X3-MM THK)						
	45	2	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)						
M	46	2	8T-4244	2	NUT (M12X1.75-THD)						
M	47	2	8T-4908	4	BOLT (M8X1.25X25-MM)						
M	48	1	8T-6466	2	BOLT (M10X1.5X60-MM)						
	49	1	9M-8406	3	CLIP						

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

ELECTRICAL AND STARTING SYSTEM

257-5028 BATTERY & WIRING GP (contd.)

i02470672



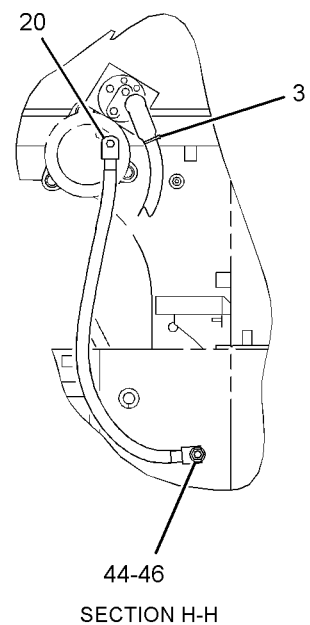
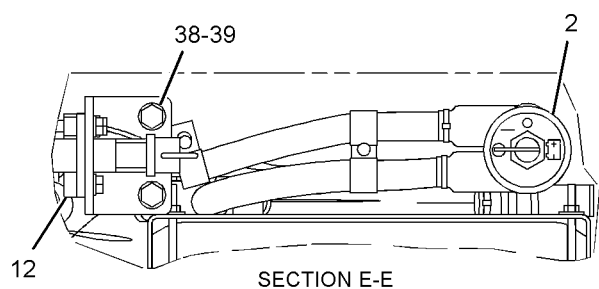
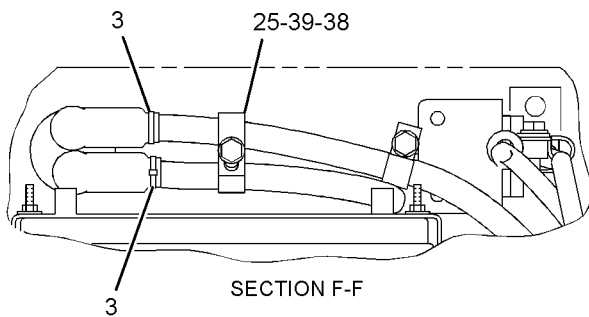
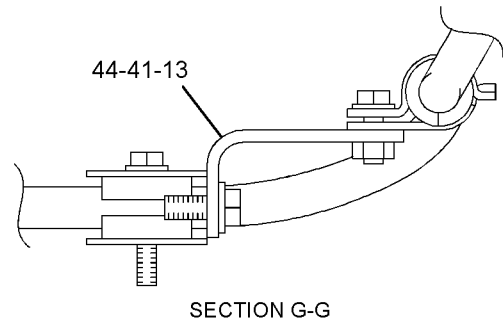
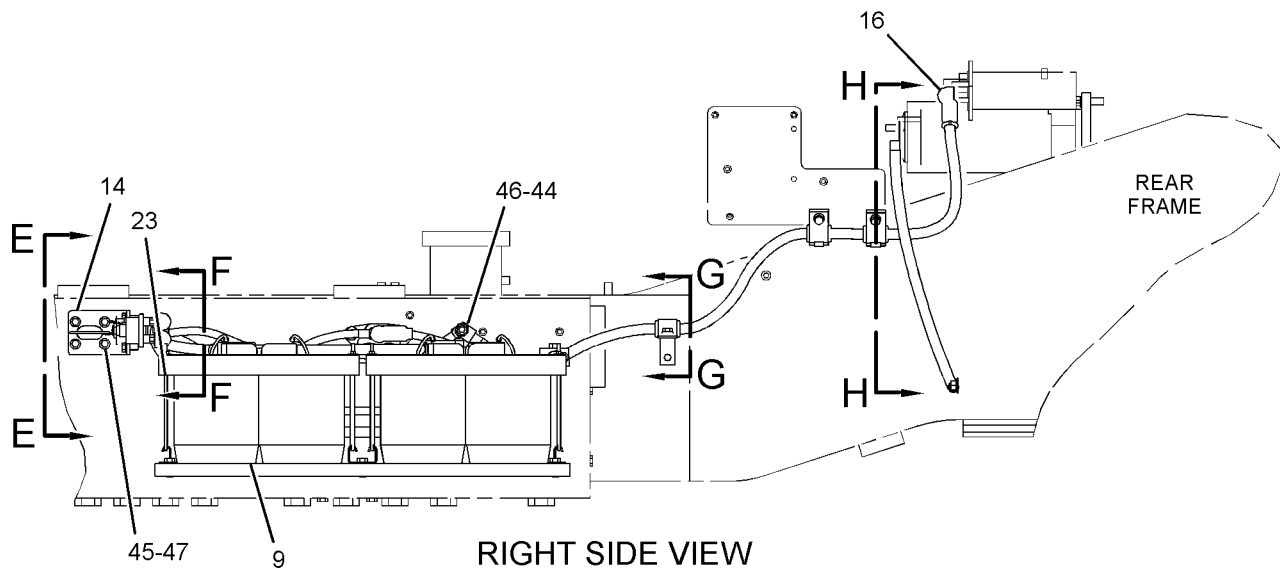
GRAPHIC #1

g01340985

ELECTRICAL AND STARTING SYSTEM

257-5028 BATTERY & WIRING GP (contd.)

i02470672



GRAPHIC #2

<END>

g01276742

ELECTRICAL AND STARTING SYSTEM

284-3010 BATTERY & WIRING GP

S/N: BXY1242-3999

PART OF 225-5452, 284-2987 ELECTRICAL AR

SMCS-1401, 1402, 1408

i03499880

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2G-8767	2	WASHER (10.5X60X3-MM THK)						
	2	1	3E-8320	1	PLATE-INSTRUCTION (BATTERY)						
	3	1, 2	3S-2093	15	STRAP-CABLE						
	4	1	9U-1469	1	CLAMP						
	5	1	6G-2263	1	SPACER (10.5X19X28.5-MM THK)						
Y	6	1	7N-0719	1	SWITCH GP-DISCONNECT (BATTERY)						453
	7	2	8C-6358	1	BLOCK GP-JUNCTION (BATTERY)						
		2	1D-5117	3	NUT-JAM (1/2-13-THD)						
		2	8T-3519	3	BOLT-BRONZE (1/2-13X2-IN)						
	8	1	8S-2634	1	COVER AS						
	9	1	115-2422	4	BATTERY GP (12-VOLT, MAINTENANCE FREE, WET)						
					(EACH INCLUDES)						
		1	123-1373	6	CAP AS-FILLER (BATTERY)						
	10	1	118-1277	2	CABLE AS						
					(EACH INCLUDES)						
E		1	5P-0761		CABLE (00-GA, RED) (20-CM)						
		1	9G-0003	1	COVER AS-TERMINAL (BLACK)						
		1	9G-0004	1	COVER AS-TERMINAL (RED)						
		1	8C-5917	1	TERMINAL AS-BATTERY (POSITIVE)						
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)						
		1	1M-6120	1	NUT (5/16-18-THD)						
		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)						
	11	1	118-2080	2	HOLD-DOWN AS						
	12	1	121-7848	2	PLATE						
	13	2	124-3019	1	BRACKET AS						
M		2	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	14	1	139-2212	1	BRACKET						
	15	1	139-3884	1	PLATE AS						
	16	1	256-9817	1	CABLE AS						
		1	3L-7634	2	TERMINAL-RING (0000-GA, 1/2-IN SCREW)						
E		1	159-8053		CABLE-ELECTRICAL (00-GA, RED) (212-CM)						
		1	294-2318	2	COVER-TERMINAL (RED)						
	17	1	260-0254	1	CABLE AS						
		1	1S-7251	1	TERMINAL-CABLE (00-GA, 1/2-IN SCREW)						
E		1	5P-0761		CABLE (00-GA, RED) (29-CM)						
		1	8N-1725	1	COVER AS-TERMINAL (RED)						
		1	3S-6049	1	TERMINAL AS-BATTERY (POSITIVE)						
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)						
		1	1M-6120	1	NUT (5/16-18-THD)						
	18	1	260-0255	1	CABLE AS						
		1	1S-7251	1	TERMINAL-CABLE (00-GA, 1/2-IN SCREW)						
E		1	5P-0761		CABLE (00-GA, RED) (29-CM)						
		1	8N-0869	1	COVER-TERMINAL (RED)						
		1	8N-1725	1	COVER AS-TERMINAL (RED)						
		1	3S-6049	1	TERMINAL AS-BATTERY (POSITIVE)						
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)						
		1	1M-6120	1	NUT (5/16-18-THD)						
	19	1	260-0256	1	RECEPTACLE AS						
		1	1S-7251	2	TERMINAL-CABLE (00-GA, 1/2-IN SCREW)						
E		1	5P-0747		CABLE (00-GA, BLACK) (120-CM)						
E		1	5P-0761		CABLE (00-GA, RED) (58-CM)						
		1	8N-0869	1	COVER-TERMINAL (RED)						
	20	1	261-3650	1	CABLE AS						
		1	3L-7634	1	TERMINAL-RING (0000-GA, 1/2-IN SCREW)						

ELECTRICAL AND STARTING SYSTEM

284-3010 BATTERY & WIRING GP (contd.)

i03499880

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	031-9295	1	TERMINAL-RING (0000-GA, 3/8-IN SCREW)						
E		1	159-8054		CABLE-ELECTRICAL (00-GA, BLACK) (151-CM)						
		1	294-2319	1	COVER-TERMINAL (BLACK)						
	21	1	261-3855	1	CABLE AS						
E		1	159-8054		CABLE-ELECTRICAL (00-GA, BLACK) (88-CM)						
		1	294-2319	1	COVER-TERMINAL (BLACK)						
		1	9X-6763	1	TERMINAL AS (NEGATIVE)						
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)						
		1	1M-6120	1	NUT (5/16-18-THD)						
		1	031-9295	1	TERMINAL-RING (0000-GA, 3/8-IN SCREW)						
		1	7T-4925	1	COVER-TERMINAL (BLACK)						
		1	7T-9988	1	COVER AS-TERMINAL (BLACK)						
	22	1	301-8685	1	STRAP AS						
	23	1	301-9554	1	BRACKET AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	24	1	118-2079	4	ROD						
	25	2	132-7551	1	SPACER (11X19X6-MM THK)						
	26	1,2	1S-0994	5	CLIP						
	27	1,2	2V-1771	5	GROMMET						
	28	1,2	4S-1962	6	CLIP						
M	29	1	5C-2890	8	NUT (M6X1-THD)						
	30	2	5G-6505	3	WASHER (25X38X14-MM THK)						
	31	1	5P-4115	8	WASHER-HARD (7.2X19X2-MM THK)						
	32	1	5P-7462	2	CLIP (SLOT)						
	33	1	5P-7463	2	CLIP (TAB)						
	34	1,2	5P-8939	6	GROMMET						
	35	1	6D-1641	1	CLIP						
	36	1	6V-0683	2	GROMMET						
	37	2	6V-8188	6	NUT (1/2-13-THD)						
	38	2	7F-0560	6	WASHER (0.516X0.938X0.101-IN THK)						
	39	2	7X-7729	2	WASHER (11X25X3-MM THK)						
	40	1,2	8T-4121	16	WASHER-HARD (11X21X2.5-MM THK)						
M	41	1,2	8T-4136	10	BOLT (M10X1.5X25-MM)						
M	42	1,2	8T-4137	6	BOLT (M10X1.5X20-MM)						
M	43	1	8T-4139	7	BOLT (M12X1.75X30-MM)						
M	44	1	8T-4186	1	BOLT (M10X1.5X40-MM)						
	45	1	8T-4223	8	WASHER-HARD (13.5X25.5X3-MM THK)						
	46	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)						
M	47	1	8T-4192	1	BOLT (M12X1.75X25-MM)						
M	48	1	8T-4908	4	BOLT (M8X1.25X25-MM)						
M	49	1	8T-6466	1	BOLT (M10X1.5X60-MM)						

E-ORDER BY THE CENTIMETER

M-METRIC PART

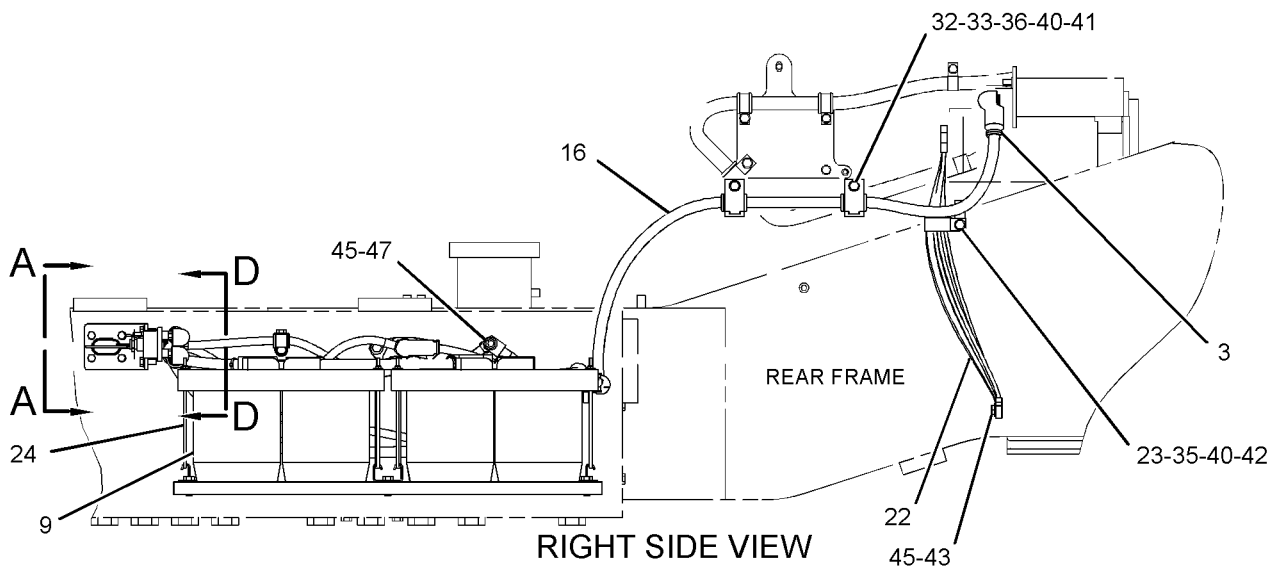
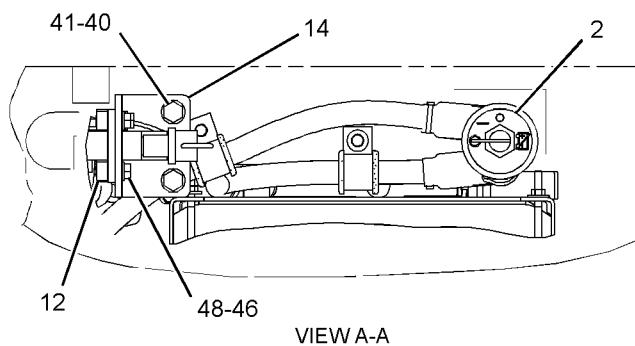
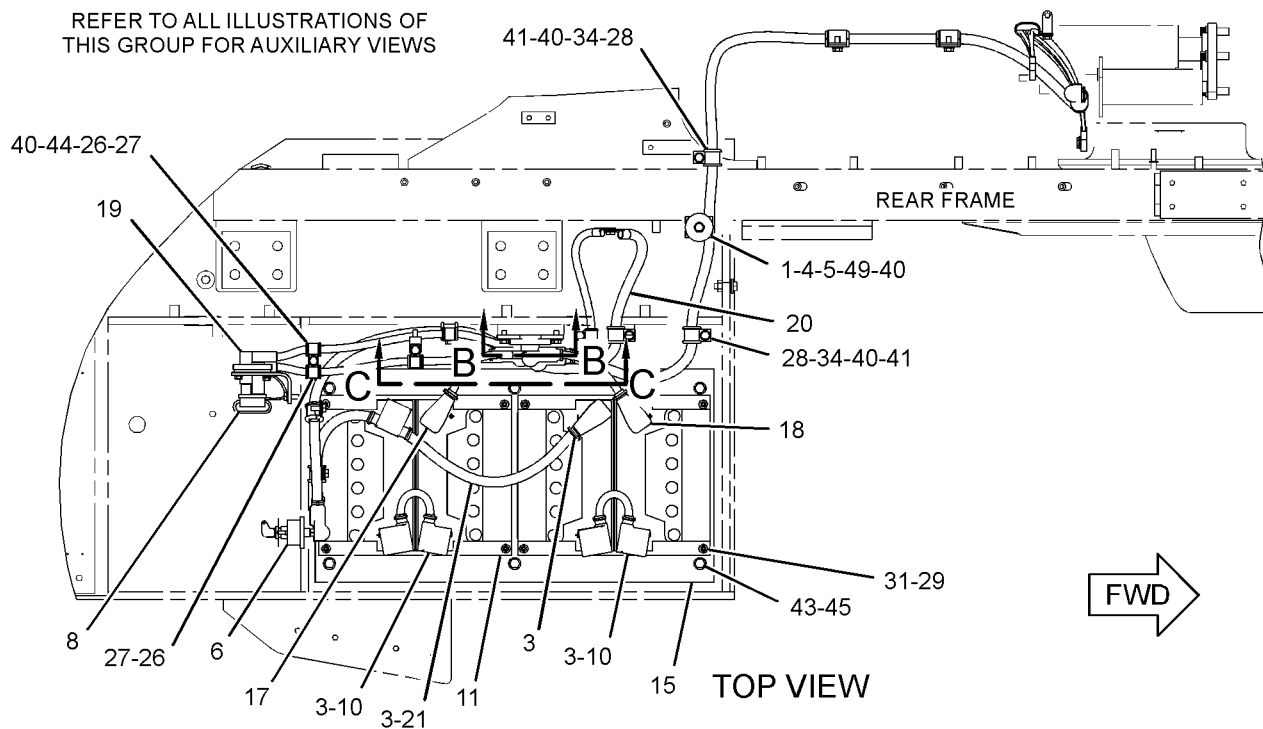
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

284-3010 BATTERY & WIRING GP (contd.)

i03499880

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



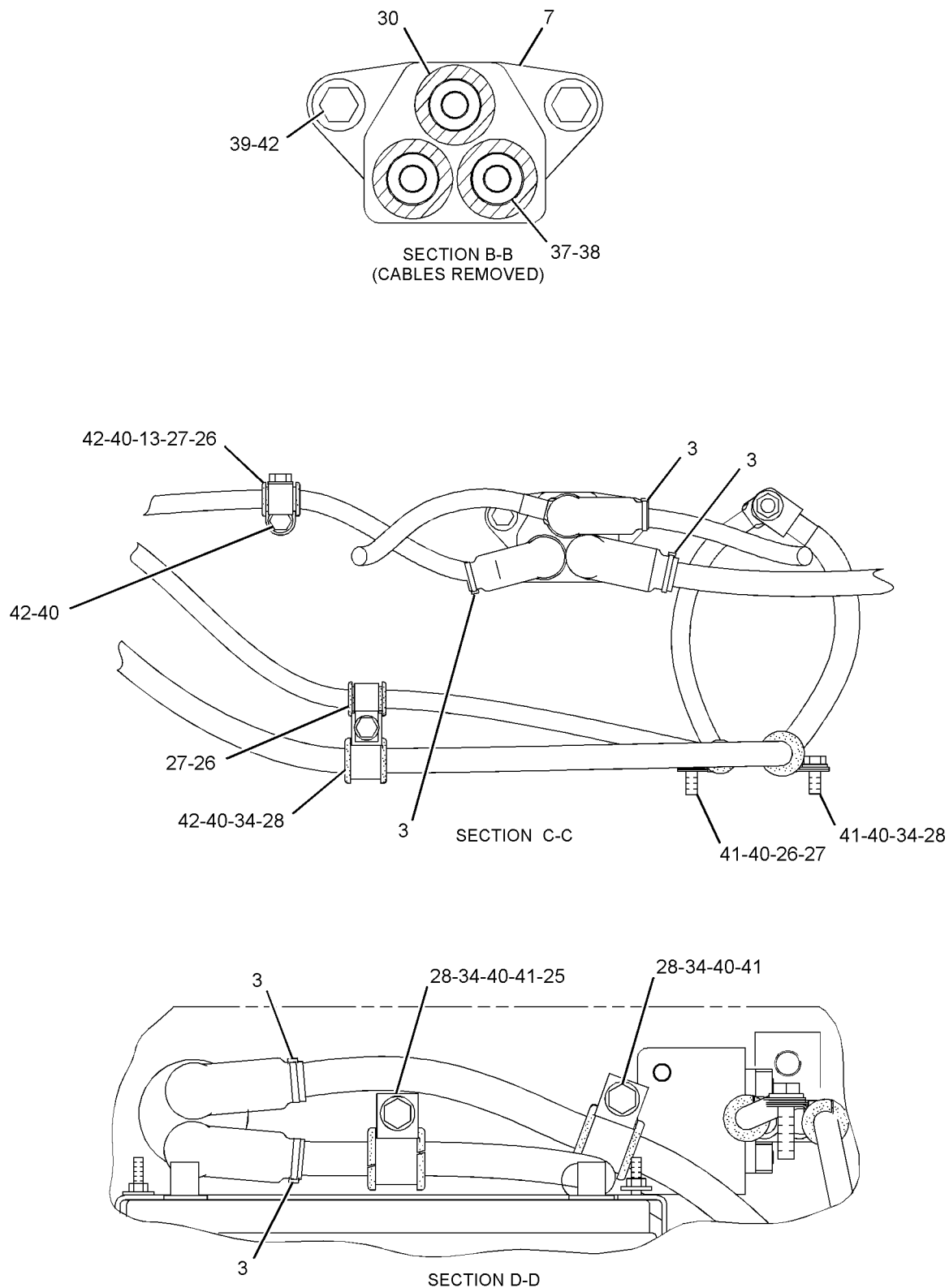
GRAPHIC #1

g01869056

ELECTRICAL AND STARTING SYSTEM

284-3010 BATTERY & WIRING GP (contd.)

i03499880



GRAPHIC #2

<END>

g01394628

ELECTRICAL AND STARTING SYSTEM

333-2427 BATTERY & WIRING GP

S/N: BXY4000-UP

PART OF 337-0870 ELECTRICAL AR

SMCS-1401, 1402, 1408

i03750979

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2G-8767	2	WASHER (10.5X60X3-MM THK)						
	2	1	3S-2093	13	STRAP-CABLE						
	3	1	6G-2263	1	SPACER (10.5X19X28.5-MM THK)						
	4	1	9U-1469	1	CLAMP						
	5	1	115-2422	4	BATTERY GP (12-VOLT, MAINTENANCE FREE, WET)						
		1	123-1373	6	CAP AS-FILLER (BATTERY)						
	6	1	118-1277	2	CABLE AS						
					(EACH INCLUDES)						
E		1	159-8049	20	CABLE (00-GA, RED) (20-CM)						
		1	9G-0003	1	COVER AS-TERMINAL (BLACK)						
		1	8L-8413	1	STRAP-CABLE						
		1	9G-0004	1	COVER AS-TERMINAL (RED)						
		1	8L-8413	1	STRAP-CABLE						
		1	9W-3416	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	9W-3723	1	TERMINAL AS-BATTERY (NEGATIVE)						
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)						
		1	1M-6120		NUT (5/16-18-THD)						
	7	1	118-2080	2	HOLD-DOWN AS						
	8	1	256-9817	1	CABLE AS						
E		1	159-8053		CABLE-ELECTRICAL (00-GA, RED) (212-CM)						
		1	294-2318	2	COVER-TERMINAL (RED)						
		1	3L-7634	2	TERMINAL-RING (0000-GA, 1/2-IN SCREW)						
	9	1	260-0254	1	CABLE AS						
E		1	159-8049		CABLE (00-GA, RED) (29-CM)						
		1	8N-1725	1	COVER AS-TERMINAL (RED)						
		1	8L-8413	1	STRAP-CABLE						
		1	1S-7251	1	TERMINAL-CABLE (00-GA, 1/2-IN SCREW)						
		1	9W-3460	1	TERMINAL AS-BATTERY (POSITIVE)						
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)						
		1	1M-6120	1	NUT (5/16-18-THD)						
	10	1	260-0255	1	CABLE AS						
E		1	159-8049		CABLE (00-GA, RED) (29-CM)						
		1	8N-0869	1	COVER-TERMINAL (RED)						
		1	8N-1725	1	COVER AS-TERMINAL (RED)						
		1	8L-8413	1	STRAP-CABLE						
		1	1S-7251	1	TERMINAL-CABLE (00-GA, 1/2-IN SCREW)						
		1	9W-3460	1	TERMINAL AS-BATTERY (POSITIVE)						
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)						
		1	1M-6120	1	NUT (5/16-18-THD)						
	11	1	261-3855	1	CABLE AS						
E		1	159-8054		CABLE-ELECTRICAL (00-GA, BLACK) (88-CM)						
		1	7T-4925	1	COVER-TERMINAL (BLACK)						
		1	294-2319	1	COVER-TERMINAL (BLACK)						
		1	7T-9988	1	COVER AS-TERMINAL (BLACK)						
		1	8L-8413	1	STRAP-CABLE						
		1	031-9295	1	TERMINAL-RING (0000-GA, 3/8-IN SCREW)						
		1	9X-6762	1	TERMINAL AS-BATTERY (NEGATIVE)						
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)						
		1	1M-6120	1	NUT (5/16-18-THD)						
		1	187-8911	1	TERMINAL AS-BATTERY (NEGATIVE)						
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)						
		1	1M-6120	1	NUT (5/16-18-THD)						
	12	1	301-8685	1	STRAP AS						
	13	1	301-9554	1	BRACKET AS						

ELECTRICAL AND STARTING SYSTEM

333-2427 BATTERY & WIRING GP (contd.)

i03750979

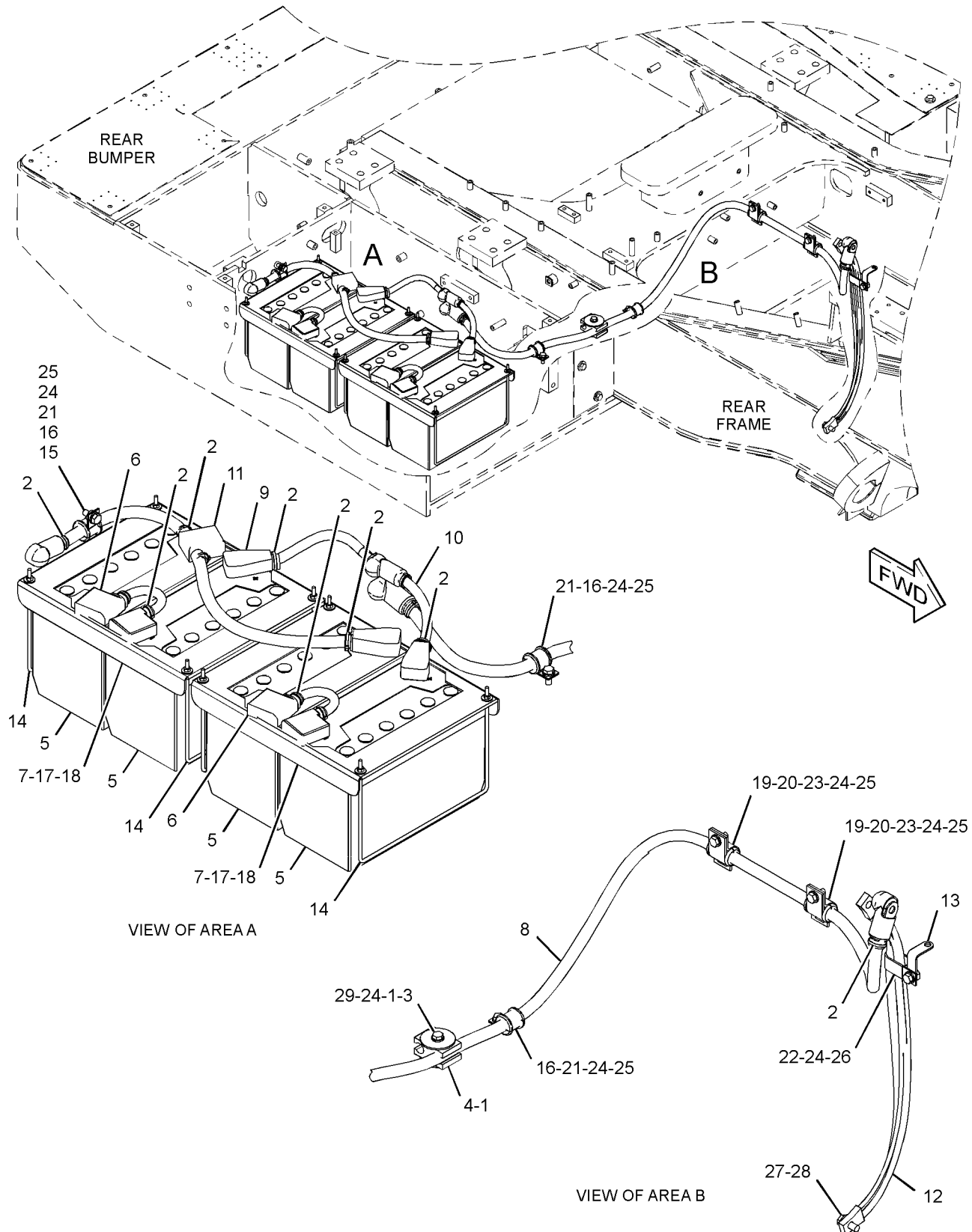
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	14	1	118-2079	4	ROD						
	15	1	132-7551	1	SPACER (11X19X6-MM THK)						
	16	1	4S-1962	3	CLIP						
M	17	1	5C-2890	8	NUT (M6X1-THD)						
	18	1	5P-4115	8	WASHER-HARD (7.2X19X2-MM THK)						
	19	1	5P-7462	2	CLIP (SLOT)						
	20	1	5P-7463	2	CLIP (TAB)						
	21	1	5P-8939	3	GROMMET						
	22	1	6D-1641	1	CLIP						
	23	1	6V-0683	2	GROMMET						
	24	1	8T-4121	7	WASHER-HARD (11X21X2.5-MM THK)						
M	25	1	8T-4136	5	BOLT (M10X1.5X25-MM)						
M	26	1	8T-4137	1	BOLT (M10X1.5X20-MM)						
M	27	1	8T-4139	1	BOLT (M12X1.75X30-MM)						
	28	1	8T-4223	1	WASHER-HARD (13.5X25.5X3-MM THK)						
M	29	1	8T-6466	1	BOLT (M10X1.5X60-MM)						

E-ORDER BY THE CENTIMETER
M-METRIC PART

ELECTRICAL AND STARTING SYSTEM

333-2427 BATTERY & WIRING GP (contd.)

i03750979



GRAPHIC #1

<END>

g02034095

ELECTRICAL AND STARTING SYSTEM

285-3575 CAMERA AR-REAR VISION

S/N: BXY1-UP
AN ATTACHMENT

SMCS-7348

i02674577

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	300-5844	1	DISPLAY	GP	CAMERA				1736
Y	286-1092	1	WIRING	GP	CAMERA				524
Y-SEPARATE ILLUSTRATION									
<END>									

285-3576 CAMERA AR-REAR VISION

S/N: BXY1900-UP
AN ATTACHMENT

SMCS-7348

i02673343

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	300-5844	1	DISPLAY	GP-CAMERA					1736
Y	286-7272	1	WIRING	GP-CAMERA					525
Y-SEPARATE ILLUSTRATION									
<END>									

ELECTRICAL AND STARTING SYSTEM

126-7631 CONNECTION GP-ELECTRICAL

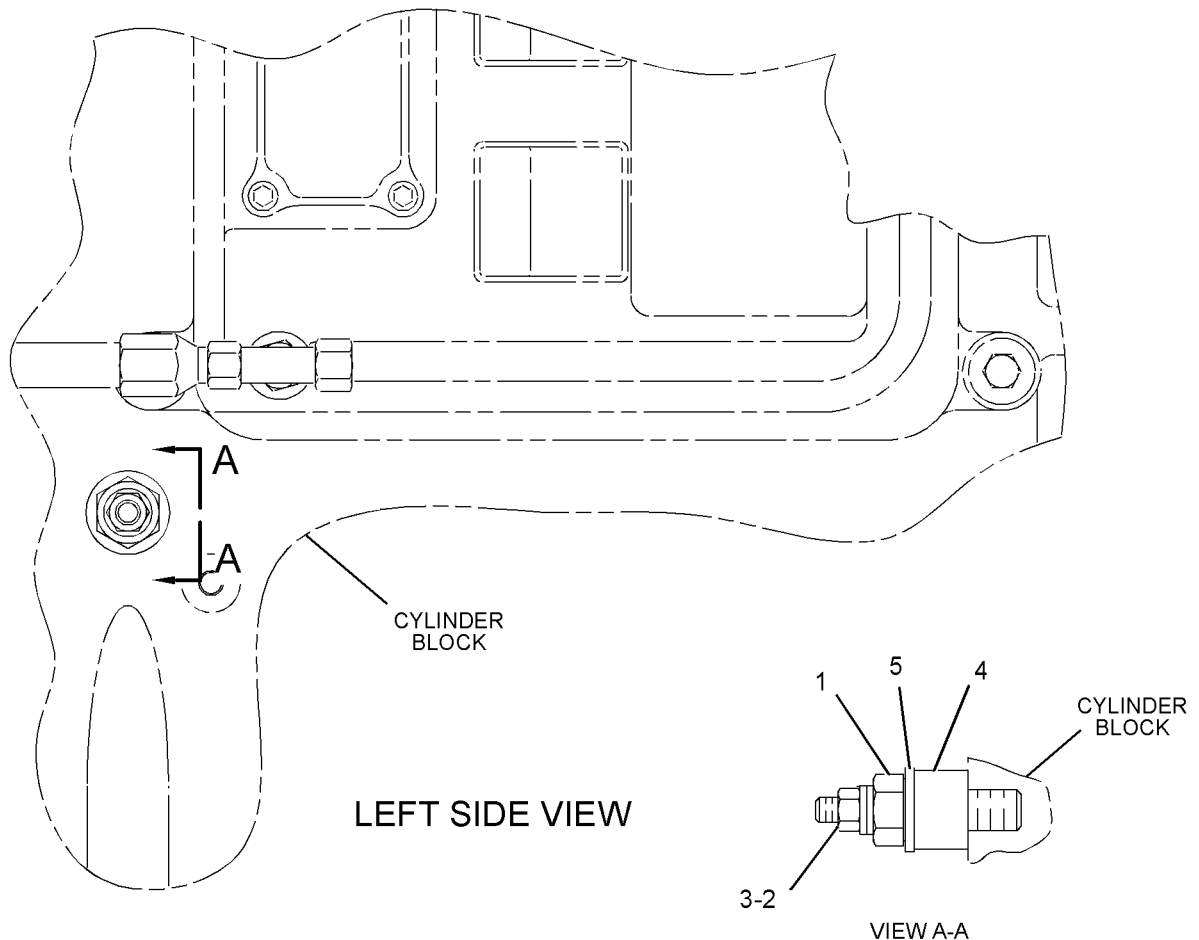
S/N: RHX1-UP

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMplete
FOR USE WITH BLOCK SOUND PANEL
AN ATTACHMENT

SMCS-1408

i02756705

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	126-8449	1	STUD						
	2	1	8T-4896	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	3	1	6V-8801	1	NUT (3/8-16-THD)						
	4	1	9M-7783	1	SPACER (0.65X1.188X0.81-IN THK)						
	5	1	5P-8247	1	WASHER-HARD (17X32X3.5-MM THK)						



GRAPHIC #1

<END>

g01380369

ELECTRICAL AND STARTING SYSTEM

270-9046 CONTROL & MTG GP-COMMUNICATION- PRODUCT LINK 300

S/N: BXY1-1899

PART OF 271-8503, 271-9276 INSTALLATION AR-COMMUNICATION
AN ATTACHMENT

SMCS-7606

i02503062

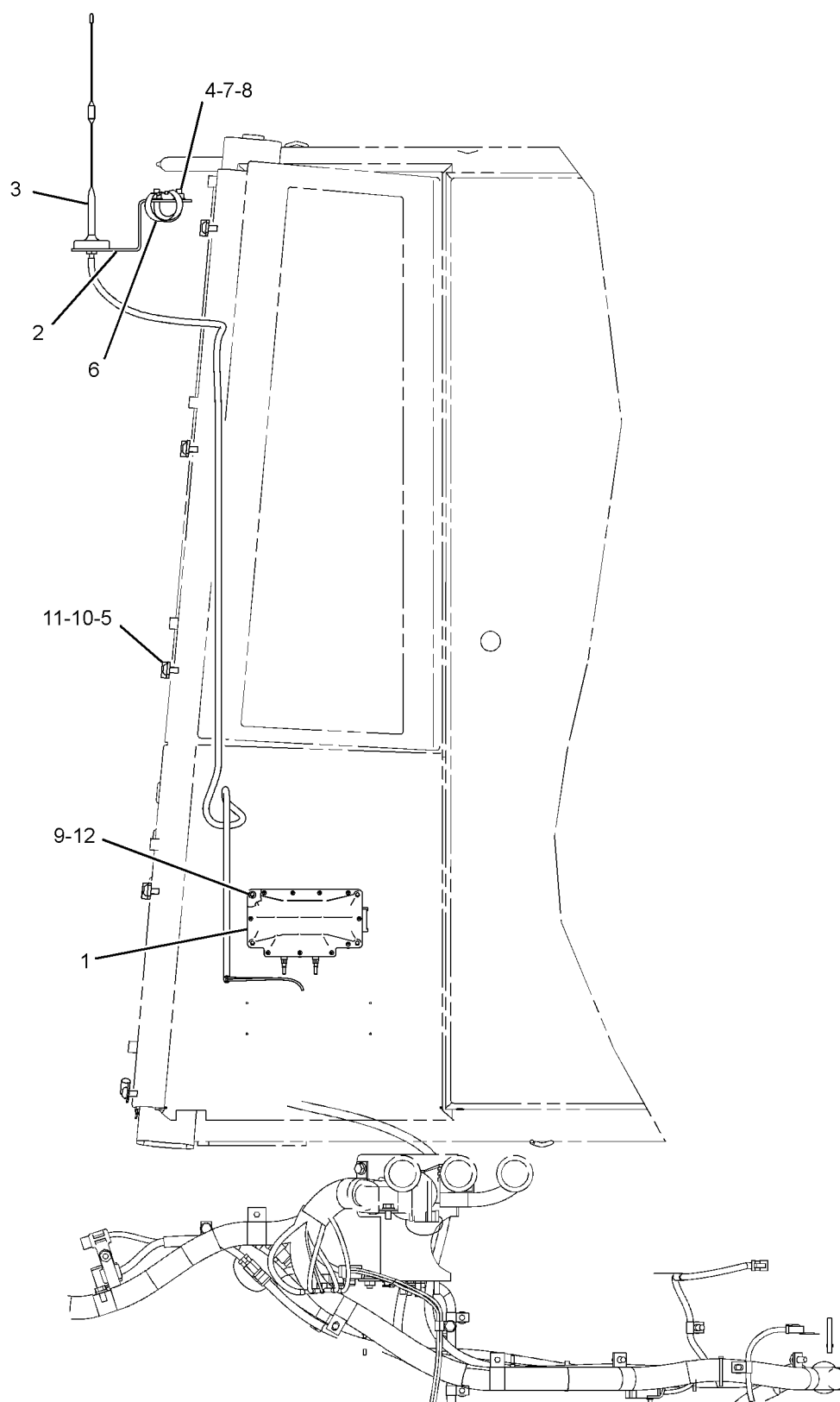
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	263-9088	1	RADIO GP-COMMUNICATION (PRODUCT LINK 121SR)	
	2	1	264-7671	1	BRACKET	
	3	1	266-2861	1	ANTENNA AS (PRODUCT LINK)	
		1	223-4296	1	ANTENNA (FLEXIBLE)	
	4	1	122-8705	1	U-BOLT	
	5	1	5P-9297	5	CLIP	
	6	1	7K-1181	2	STRAP-CABLE	
	7	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)	
M	8	1	8T-4133	2	NUT (M10X1.5-THD)	
M	9	1	8T-4138	4	BOLT (M6X1X20-MM)	
	10	1	9X-2027	5	WASHER (11X18X2-MM THK)	
M	11	1	9X-2041	5	SCREW-TRUSS HEAD (M10X1.5X20-MM)	
	12	1	9X-8256	4	WASHER (6.6X12X2-MM THK)	

M-METRIC PART

ELECTRICAL AND STARTING SYSTEM

270-9046 CONTROL & MTG GP-COMMUNICATION (contd.)

i02503062



RIGHT SIDE VIEW

<END>

GRAPHIC #1

g01279544

ELECTRICAL AND STARTING SYSTEM

270-9046 CONTROL & MTG GP-COMMUNICATION- PRODUCT LINK 300

S/N: BXY1900-UP

PART OF 271-8503, 271-9276, 345-0516 INSTALLATION AR-COMMUNICATION
AN ATTACHMENT

SMCS-7606

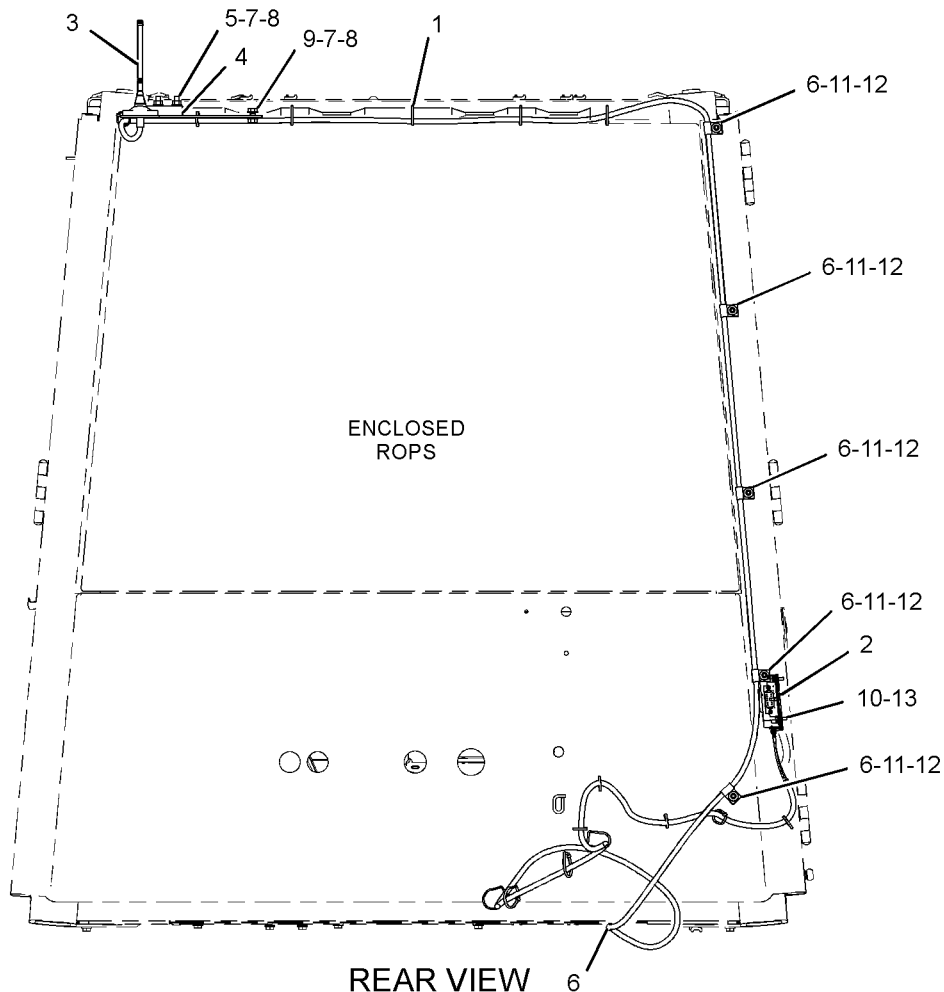
i03373880

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	1	1	7K-1181	15	STRAP-CABLE						1853
Y	2	1	263-9088	1	RADIO GP-COMMUNICATION (PRODUCT LINK 121SR)						
C	3	1	284-8533	1	ANTENNA AS						
		1	301-0589	1	ANTENNA (FLEXIBLE)						
C	4	1	309-4433	1	BRACKET						
	5	1	122-8705	1	U-BOLT						
C	6	1	5P-9297	6	CLIP						
	7	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	8	1	8T-4133	3	NUT (M10X1.5-THD)						
M	9	1	8T-4136	1	BOLT (M10X1.5X25-MM)						
M	10	1	8T-4138	4	BOLT (M6X1X20-MM)						
	11	1	9X-2027	5	WASHER (11X18X2-MM THK)						
M	12	1	9X-2041	5	SCREW-TRUSS HEAD (M10X1.5X20-MM)						
	13	1	9X-8256	4	WASHER (6.6X12X2-MM THK)						

C-CHANGE FROM PREVIOUS TYPE

M-METRIC PART

Y-SEPARATE ILLUSTRATION



REAR VIEW
<END>

GRAPHIC #1

g02054133

ELECTRICAL AND STARTING SYSTEM

243-1560 CONTROL & MTG GP-ENGINE ELEK

S/N: RHX1-3342

AIR COOLED

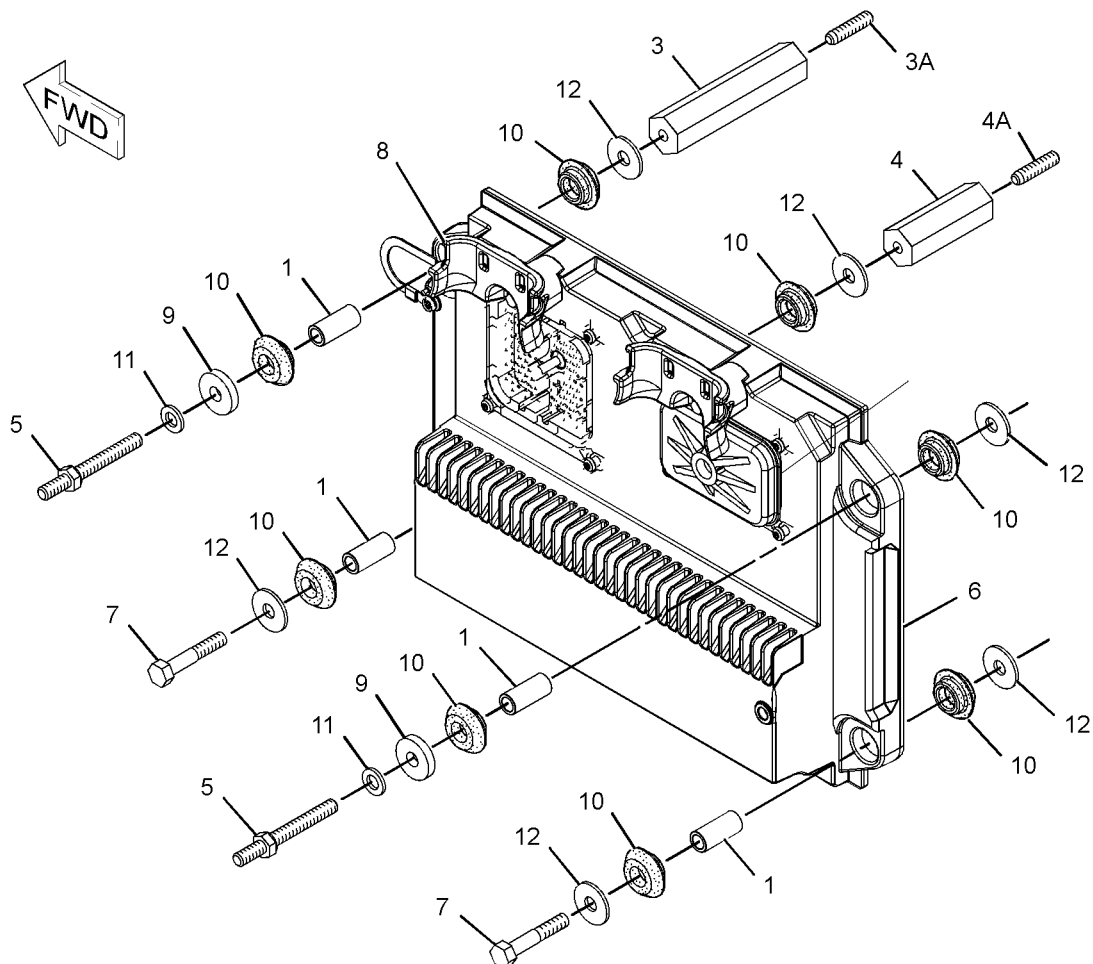
PART OF 225-6065, 225-6106 ENGINE AR-COMplete
AN ATTACHMENT

SMCS-1901, 7620

i03642360

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)	
	3	1	155-0696	1	SUPPORT AS	
	3A	1	5L-3708	1	STUD-TAPERLOCK	
	4	1	155-0698	1	SUPPORT AS	
	4A	1	5L-3708	1	STUD-TAPERLOCK	
	5	1	161-7419	2	STUD	
	6	1	248-4068	2	CONTROL GP-UNPROGRAMMED (ENGINE)	
	7	1	1B-9575	2	BOLT (5/16-18X1.56-IN)	
	8	1	233-0891	2	BRACKET AS	
					(EACH INCLUDES)	
M		1	232-1693	1	BOLT-FLANGE HEAD (M6X1X35-MM)	
	9	1	6V-3964	2	WASHER-HARD (8.8X25.5X5-MM THK)	
	10	1	8T-9655	8	MOUNT-ISOLATION	
	11	1	9M-1974	2	WASHER-HARD (8.8X16X2-MM THK)	
	12	1	9N-0869	6	WASHER-HARD (8.8X25.5X2-MM THK)	

M-METRIC PART



GRAPHIC #1

<END>

g01157703

ELECTRICAL AND STARTING SYSTEM

243-1560 CONTROL & MTG GP-ENGINE ELEK

S/N: RHX1-UP

AIR COOLED

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMplete
AN ATTACHMENT

SMCS-1901, 7620

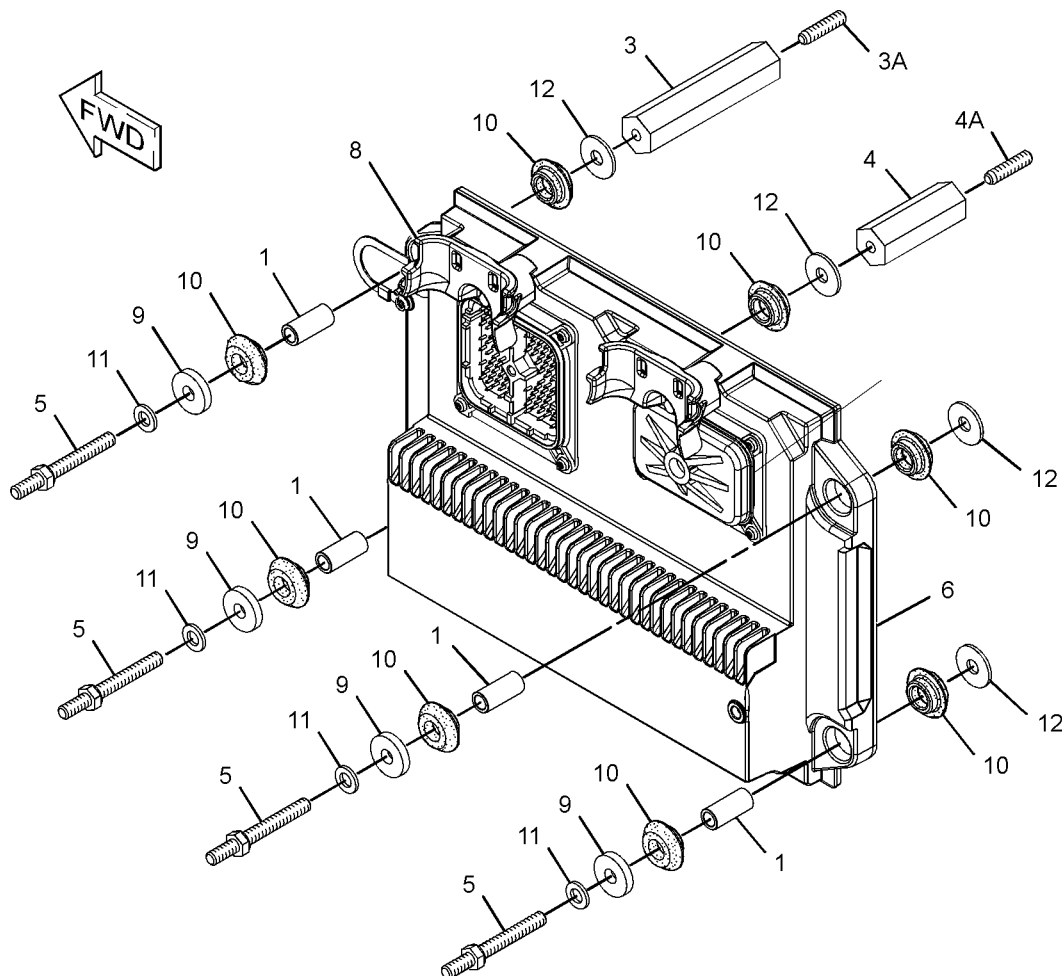
i03009843

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	6I-1418	4	SPACER (8.2X12.7X28.7-MM THK)	
	3	1	155-0696	1	SUPPORT AS	
	3A	1	5L-3708	1	STUD-TAPERLOCK	
	4	1	155-0698	1	SUPPORT AS	
	4A	1	5L-3708	1	STUD-TAPERLOCK	
C	5	1	161-7419	4	STUD	
R	6	1	262-2878	1	CONTROL GP-UNPROGRAMMED (ENGINE)	
	8	1	233-0891	2	BRACKET AS	
					(EACH INCLUDES)	
M		1	232-1693	1	BOLT-FLANGE HEAD (M6X1X35-MM)	
C	9	1	6V-3964	4	WASHER-HARD (8.8X25.5X5-MM THK)	
	10	1	8T-9655	8	MOUNT-ISOLATION	
C	11	1	9M-1974	4	WASHER-HARD (8.8X16X2-MM THK)	
C	12	1	9N-0869	4	WASHER-HARD (8.8X25.5X2-MM THK)	

C-CHANGE FROM PREVIOUS TYPE

M-METRIC PART

R-REMFG PART MAY BE AVAILABLE



GRAPHIC #1

<END>

g01300423

ELECTRICAL AND STARTING SYSTEM

114-5192 CONTROL GP-LIFT & TILT POS

S/N: BXY1-UP

PART OF 255-0040, 255-0041, 255-0042, 255-0043, 298-6962, 298-6963,
298-6964, 298-6965 LIFT AR

AN ATTACHMENT

SMCS-5109, 5112, 5736

i02468688

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
M	1	1	105-3483	1	BOLT-SOCKET HEAD (M10X1.5X70-MM)	
	2	1	120-5737	1	WASHER (17.5X40X4-MM THK)	
	3	1	168-6514	1	SPACER	
Y	4	1	169-3301	1	SENSOR & MTG GP-LIFT POSITION	406
Y	5	1	169-3302	1	SENSOR & MTG GP-TILT POSITION	408
	6	1	174-8849	1	PLATE AS	
CM	7	1	7X-2553	4	BOLT (M16X2X40-MM)	
M	8	1	8T-4132	2	NUT (M16X2-THD)	
M	9	1	8T-4183	4	BOLT (M12X1.75X40-MM)	
	10	1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)	
	11	1	8T-4224	1	WASHER-HARD (8.8X16X2-MM THK)	
M	12	1	8T-6383	1	BOLT (M16X2X200-MM)	
M	13	1	8T-7547	1	BOLT (M8X1.25X30-MM)	
C	14	1	7X-0515	3	WASHER-HARD (17X35X5-MM THK)	
C	15	1	219-4418	1	GUARD AS-SENSOR (TILT POSITION)	

C-CHANGE FROM PREVIOUS TYPE

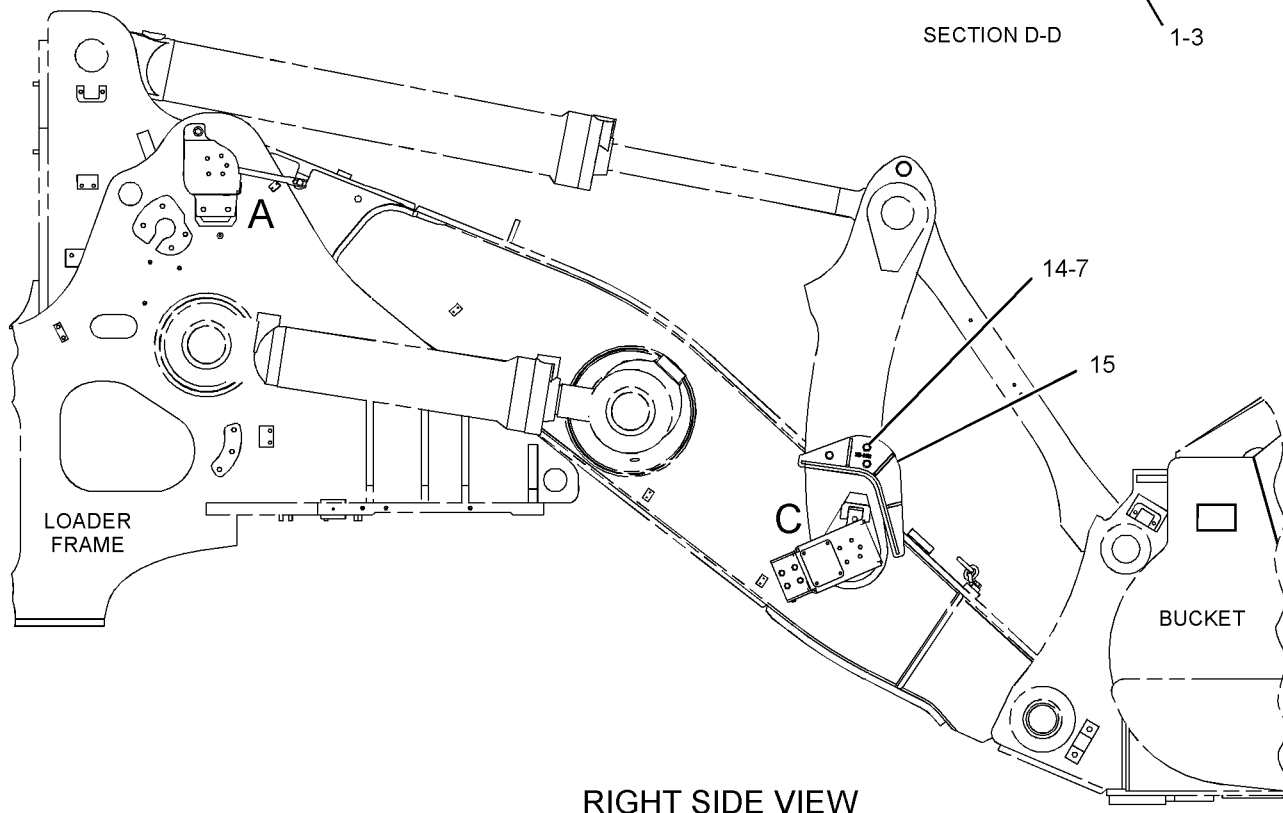
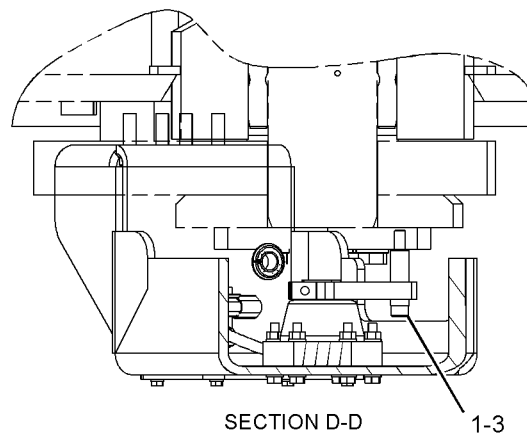
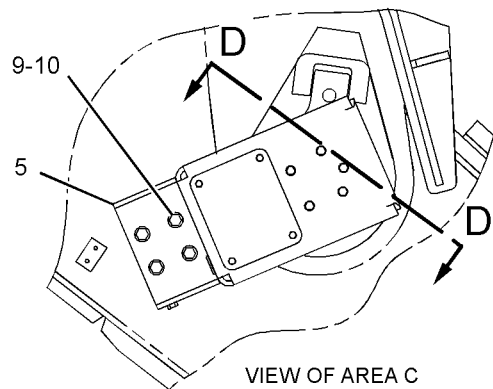
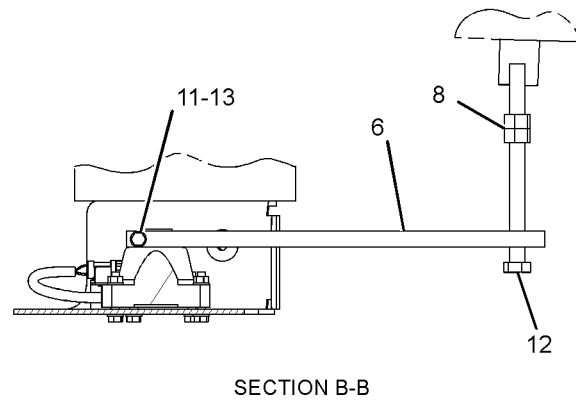
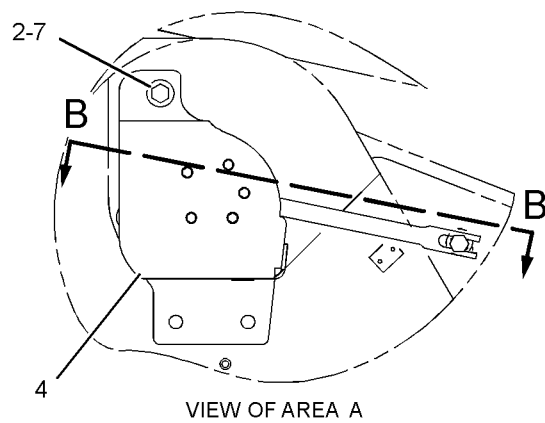
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

114-5192 CONTROL GP-LIFT & TILT POS (contd.)

i02468688



GRAPHIC #1

<END>

g01246960

ELECTRICAL AND STARTING SYSTEM

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

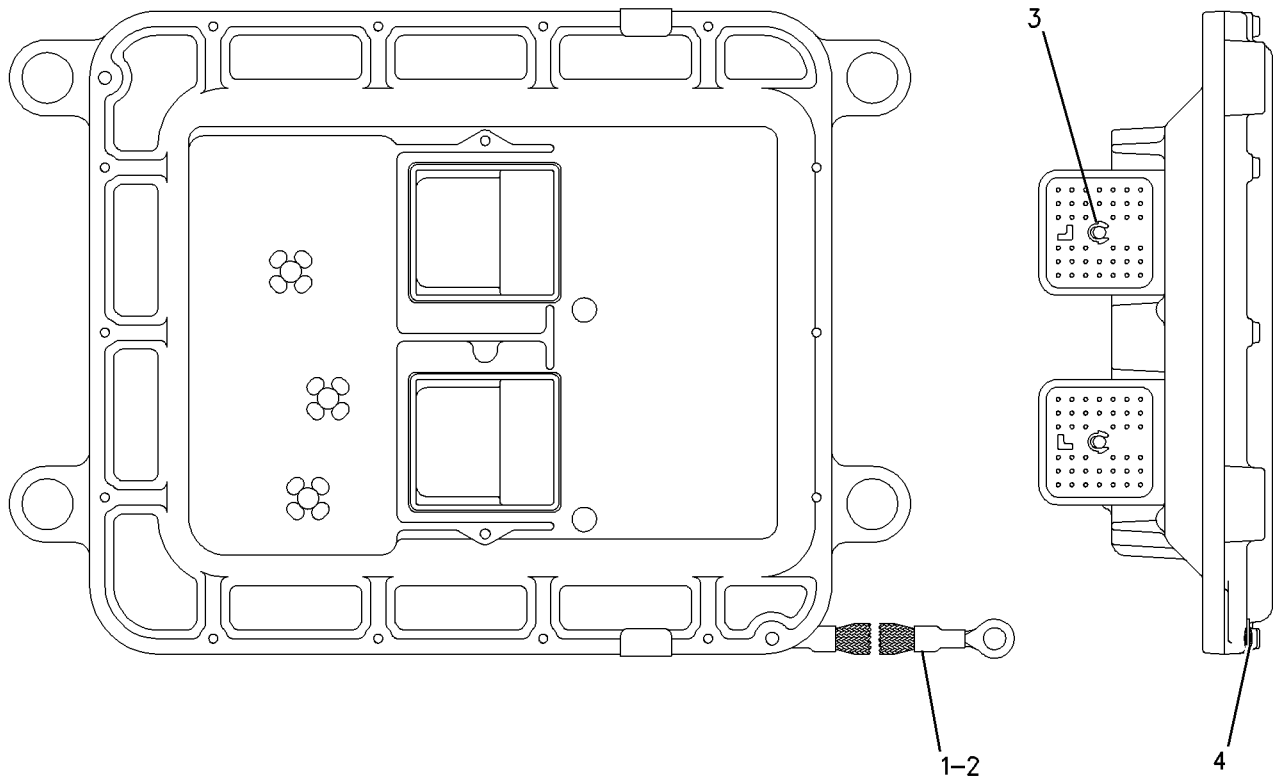
S/N: BXY1-UP

PART OF 257-0051, 280-4033, 292-8134, 308-2710, 309-0972, 309-0973 WIRING
GP-ELECTRONICS BAY
ALSO AN ATTACHMENT

SMCS-7610

i02127652

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



GRAPHIC #1

<END>

g00951290

ELECTRICAL AND STARTING SYSTEM

172-9391 CONTROL GP-UNPROGRAMMED-IMPLEMENT*R

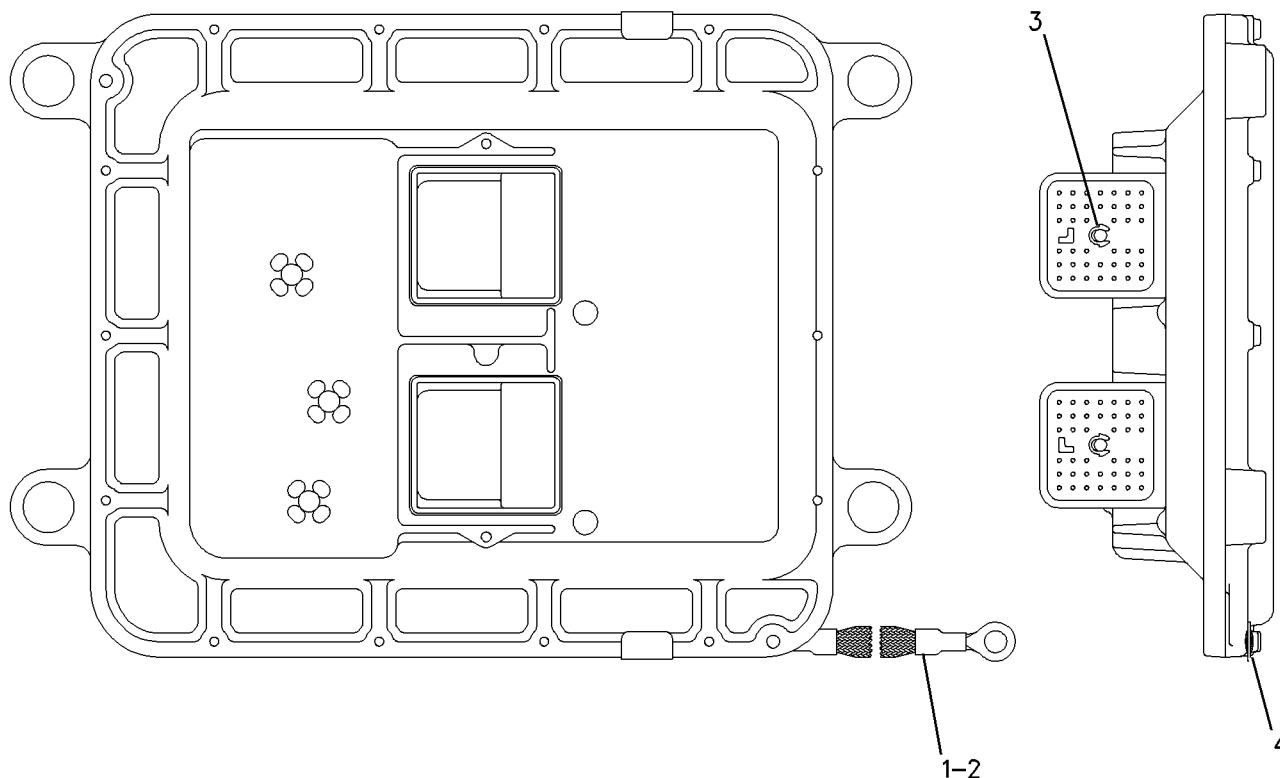
S/N: BXY1-UP

PART OF 257-0051, 280-4033, 292-8134, 308-2710 WIRING GP-ELECTRONICS BAY
ALSO AN ATTACHMENT

SMCS-7610

i03408041

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



GRAPHIC #1

<END>

g00951283

ELECTRICAL AND STARTING SYSTEM

192-1590 CONTROL GP-UNPROGRAMMED*R

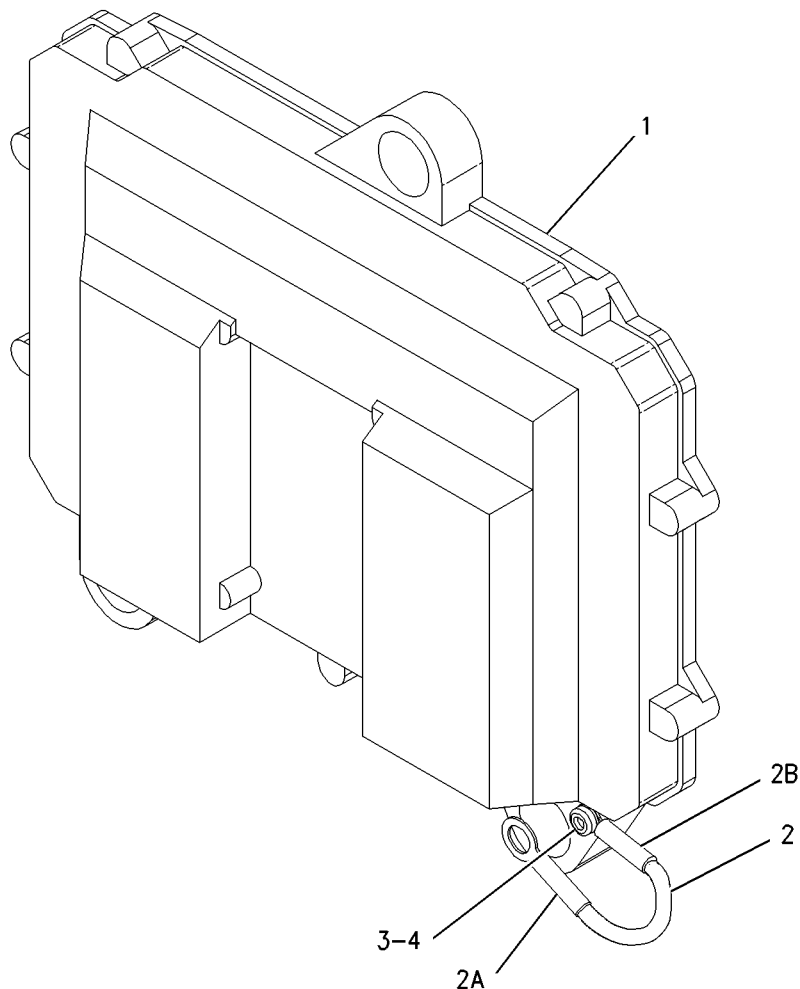
S/N: BXY1900-UP

PART OF 308-2710 WIRING GP-ELECTRONICS BAY
AN ATTACHMENT

SMCS-7610

i01679210

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Z	1	1		1	CONTROL AS						
	2	1	7X-6315	1	STRAP AS-GROUND						
	2A	1	2L-8078	1	TERMINAL-RING (14-GA TO 16-GA, 5/16-IN SCREW)						
	2B	1	2L-8075	1	TERMINAL-RING (14-GA TO 16-GA, NO. 8 SCREW)						
	3	1	184-2472	1	SCREW-PAN HEAD (NO 8-32X9.52-MM)						
	4	1	134-4126	1	WASHER (4.52X8.28X0.76-MM THK)						
Z-NOT SERVICED SEPARATELY											



GRAPHIC #1

<END>

g00818553

ELECTRICAL AND STARTING SYSTEM

239-9954 CONTROL GP-UNPROGRAMMED-PRODUCT LINK 300

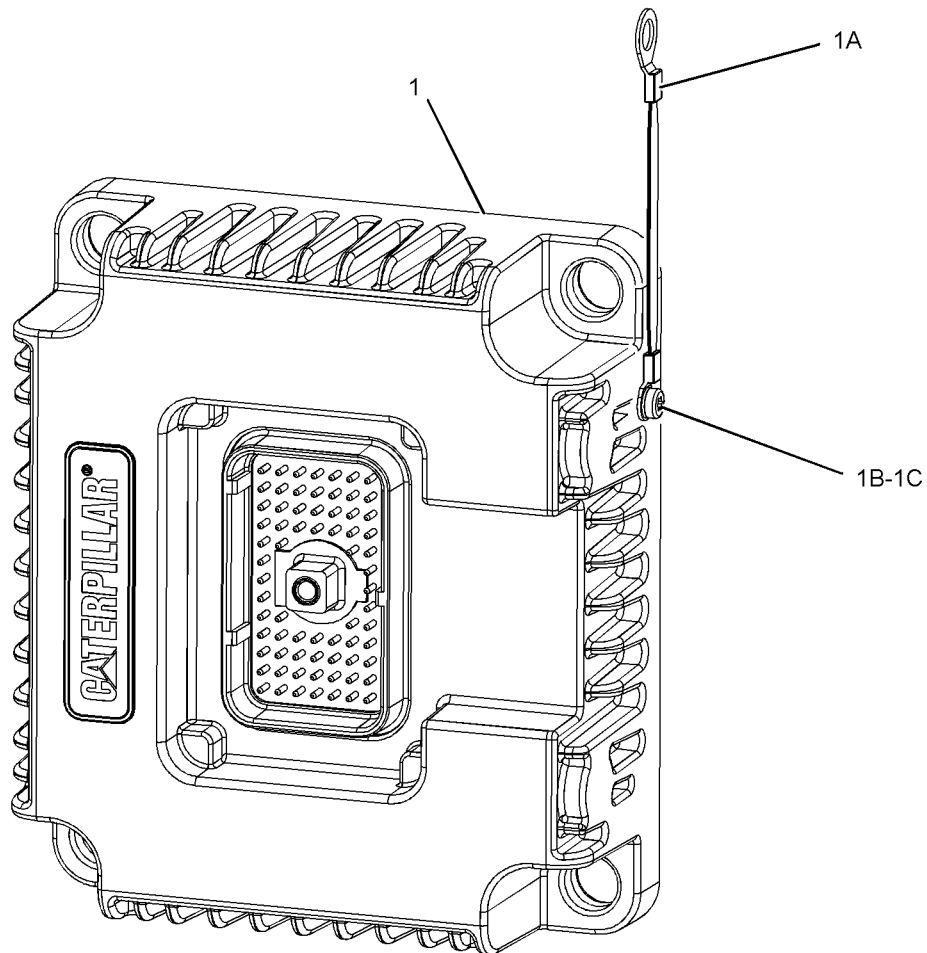
S/N: BXY1-2224

PART OF 271-9062 WIRING 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

322-3621 CONTROL GP-UNPROGRAMMED

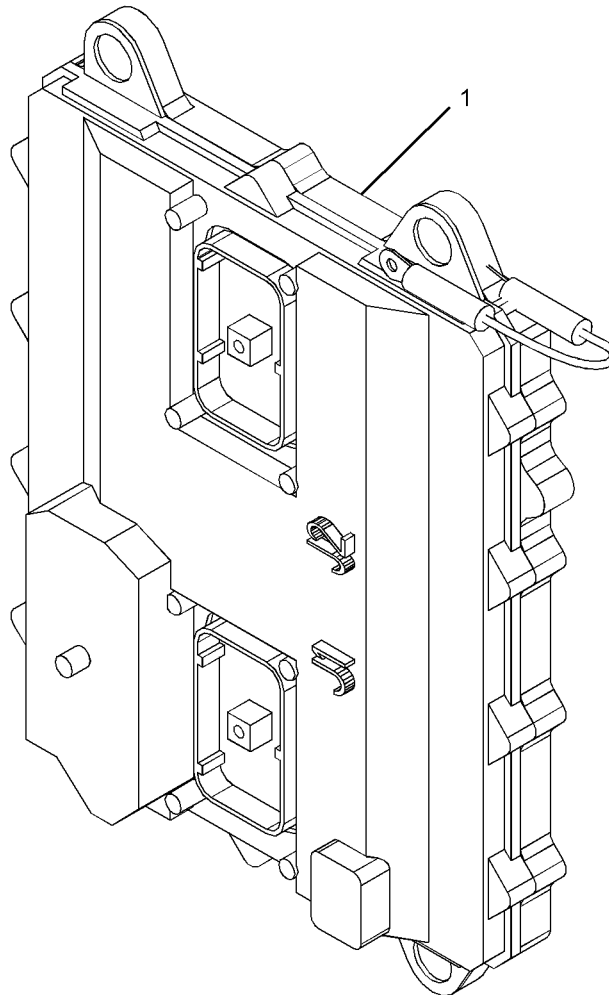
S/N: BXY4000-UP

PART OF 309-0972, 309-0973 WIRING GP-ELECTRONICS BAY
AN ATTACHMENT

SMCS-7610

i02902173

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
R	1	1	304-5687	1	CONTROL	GP	UNPROGRAMMED				
R-REMFG PART MAY BE AVAILABLE											



GRAPHIC #1

<END>

g01445595

ELECTRICAL AND STARTING SYSTEM

225-5452 ELECTRICAL AR

S/N: BXY1-1899

PART OF 225-4278 COMMON AR

SMCS-1408, 1429, 7402, 7406

i02650408

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	257-5028	1	BATTERY & WIRING GP						279
			S/N: BXY1-1241						
Y	284-3010	1	BATTERY & WIRING GP						283
			S/N: BXY1242-1899						
Y	226-2051	1	ELECTRONICS GP-IMPLEMENT						307
Y	226-2060	1	ELECTRONICS GP-MONITOR (CATERPILLAR MONITORING SYSTEM)						309
Y	226-2061	1	ELECTRONICS GP-POWER TRAIN						311
Y	225-6841	1	FASTENER GP-ELECTRONICS						313
Y	173-8466	1	HORN GP-ELECTRIC						1757
Y	231-3882	1	WARNING GP-BACKUP						473
Y	257-5075	1	WIRING GP-BUMPER						479
Y	257-0051	1	WIRING GP-ELECTRONICS BAY						533
			S/N: BXY1-771						
Y	280-4033	1	WIRING GP-ELECTRONICS BAY						541
			S/N: BXY772-1899						
Y	260-3158	1	WIRING GP-ENGINE (ALTERNATOR, STARTING MOTOR)						595
			S/N: BXY1-1241						
Y	284-2990	1	WIRING GP-ENGINE (ALTERNATOR, STARTING MOTOR)						597
			S/N: BXY1242-1899						
Y	225-6851	1	WIRING GP-ENGINE						582
Y	225-6852	1	WIRING GP-FRONT						605
Y	225-6859	1	WIRING GP-MACHINE						617
Y	227-5373	1	WIRING GP-POWER TRAIN						641
Y	225-6856	1	WIRING GP-REAR						654
Y	163-3997	1	WIRING GP-SHUTOFF (GROUND LEVEL)						664

Y-SEPARATE ILLUSTRATION

<END>

ELECTRICAL AND STARTING SYSTEM

284-2987 ELECTRICAL AR

S/N: BXY1900-3999

PART OF 284-2327 COMMON AR

SMCS-1408, 1429, 7402, 7406

i03370760

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	284-3010	1	BATTERY & WIRING GP						283
Y	284-2991	1	ELECTRONICS GP-IMPLEMENT						308
Y	226-2060	1	ELECTRONICS GP-MONITOR (CATERPILLAR MONITORING SYSTEM)						309
Y	284-2995	1	ELECTRONICS GP-POWER TRAIN						312
Y	225-6841	1	FASTENER GP-ELECTRONICS						313
Y	173-8466	1	HORN GP-ELECTRIC						1757
Y	231-3882	1	WARNING GP-BACKUP						473
Y	257-5075	1	WIRING GP-BUMPER						479
Y	292-8134	1	WIRING GP-ELECTRONICS BAY						548
Y	225-6851	1	WIRING GP-ENGINE						582
Y	284-2990	1	WIRING GP-ENGINE (ALTERNATOR, STARTING MOTOR)						597
Y	284-3007	1	WIRING GP-FRONT						608
Y	284-2998	1	WIRING GP-MACHINE						628
Y	284-3003	1	WIRING GP-POWER TRAIN						647
Y	286-7232	1	WIRING GP-REAR						655
Y	163-3997	1	WIRING GP-SHUTOFF (GROUND LEVEL)						664
Y	286-7245	1	WIRING GP-TILT REGEN CONTROL						670
			S/N: BXY2733-3999						

Y-SEPARATE ILLUSTRATION

<END>

337-0870 ELECTRICAL AR

S/N: BXY4000-UP

PART OF 284-2327 COMMON AR

SMCS-1408, 1429, 7402, 7406

i03748111

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	333-2427	1	BATTERY & WIRING GP						287
Y	345-0527	1	ELECTRONICS GP-IMPLEMENT						308
Y	345-0530	1	ELECTRONICS GP-MONITOR (CATERPILLAR MONITORING SYSTEM)						309
Y	345-0529	1	ELECTRONICS GP-POWER TRAIN						312
Y	225-6841	1	FASTENER GP-ELECTRONICS						313
Y	231-3882	1	WARNING GP-BACKUP						473
Y	340-1119	1	WIRING GP-BUMPER						482
Y	309-2726	1	WIRING GP-ELECTROHYDRAULIC						529
Y	284-2990	1	WIRING GP-ENGINE (ALTERNATOR, STARTING MOTOR)						597
Y	339-8271	1	WIRING GP-ENGINE						598
Y	345-0520	1	WIRING GP-FRONT						612
Y	345-0510	1	WIRING GP-MACHINE						635
Y	284-3003	1	WIRING GP-POWER TRAIN						647
Y	286-7232	1	WIRING GP-REAR						655
Y	163-3997	1	WIRING GP-SHUTOFF (GROUND LEVEL)						664

Y-SEPARATE ILLUSTRATION

<END>

ELECTRICAL AND STARTING SYSTEM

262-1421 ELECTRONICS GP-COMMUNICATION- PRODUCT LINK 300

S/N: BXY2225-UP

PART OF 271-9062 WIRING GP-COMMUNICATION, 309-0973 WIRING GP-ELECTRONICS BAY
AN ATTACHMENT

SMCS-7606, 7610, 7620

i03171663

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>									

ELECTRICAL AND STARTING SYSTEM

226-2051 ELECTRONICS GP-IMPLEMENT

S/N: BXY1-1899

PART OF 225-5452 ELECTRICAL AR

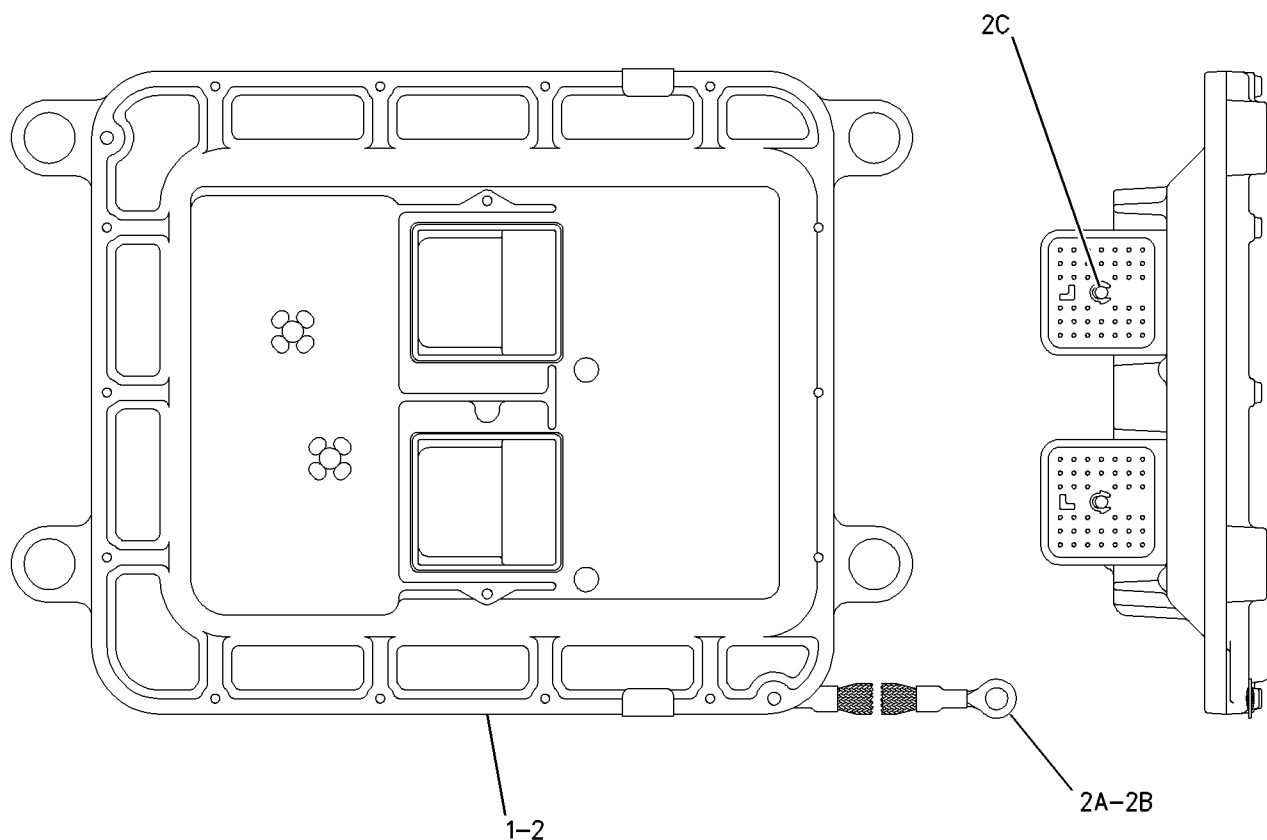
SMCS-5701, 7610, 7620

i03814149

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	232-3346	1	SOFTWARE GP-IMPLEMENT	
					-OR-	
	2	1	232-3347	1	SERVICE GP-IMPLEMENT	
	2A	1	101-0852	1	SCREW-PAN HEAD (8-32X0.375-IN)	
	2B	1	7X-6315	1	STRAP AS-GROUND	
M	2C	1	6V-6703	2	KIT-RETAINING BOLT	
					(EACH KIT INCLUDES BOLT, RING, AND SEAL)	
		1	134-4126	1	WASHER (4.52X8.28X0.76-MM THK)	

M-METRIC PART

R-REMFG PART MAY BE AVAILABLE



GRAPHIC #1

<END>

g00914782

ELECTRICAL AND STARTING SYSTEM

284-2991 ELECTRONICS GP-IMPLEMENT

S/N: BXY1900-3999

PART OF 284-2987 ELECTRICAL AR

SMCS-5701, 7610, 7620

i03798111

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	348-5952	1	SOFTWARE GP-IMPLEMENT						
			—OR—						
	348-5953	1	SERVICE GP-IMPLEMENT						
			(OPTIONAL SERVICE REPLACEMENT) (INCLUDES CONTROL GP & SOFTWARE)						
M	6V-6703	2	KIT-RETAINING BOLT						
			(EACH KIT INCLUDES BOLT, RING, AND SEAL)						
	7X-6315	1	STRAP AS-GROUND						
	101-0852	1	SCREW-PAN HEAD (8-32X0.375-IN)						
	134-4126	1	WASHER (4.52X8.28X0.76-MM THK)						
M-METRIC PART R-REMFG PART MAY BE AVAILABLE									

<END>

308-2713 ELECTRONICS GP-IMPLEMENT

S/N: BXY1900-UP

PART OF 2Q-8733, 2Q-8749 STEEL MILL AR
AN ATTACHMENT

SMCS-5701, 7610, 7620

i02728605

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	300-3639	1	SOFTWARE GP-IMPLEMENT						
			-OR-						
	300-3640	1	SERVICE GP-IMPLEMENT						
			(OPTIONAL SERVICE REPLACEMENT) (INCLUDES CONTROL GROUP & SOFTWARE)						
M	6V-6703	2	KIT-RETAINING BOLT						
			(INCLUDES BOLT, RING, & SEALS)						
	7X-6315	1	STRAP AS-GROUND						
	101-0852	1	SCREW-PAN HEAD (8-32X0.375-IN)						
	134-4126	1	WASHER (4.52X8.28X0.76-MM THK)						
M-METRIC PART R-REMFG PART MAY BE AVAILABLE									

<END>

345-0527 ELECTRONICS GP-IMPLEMENT

S/N: BXY4000-UP

PART OF 337-0870 ELECTRICAL AR

SMCS-5701, 7610, 7620

i03750986

			PART NAME						SEE
NOTE	PART NUMBER	QTY	1	2	3	4	5	6 (PRODUCT LEVEL)	PAGE
	347-0382	1	SOFTWARE GP-IMPLEMENT						
			<END>						

ELECTRICAL AND STARTING SYSTEM

226-2060 ELECTRONICS GP-MONITOR- CATERPILLAR MONITORING SYSTEM

S/N: BXY1-3999

PART OF 225-5452, 284-2987 ELECTRICAL AR

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

i02788068

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	300-3617	1	SOFTWARE GP-MONITOR						
			-OR-						
	300-3618	1	SERVICE GP-MONITOR						
			(OPTIONAL SERVICE REPLACEMENT) (INCLUDES CONTROL GP & SOFTWARE)						
			<END>						

345-0530 ELECTRONICS GP-MONITOR

S/N: BXY4000-UP

PART OF 337-0870 ELECTRICAL AR

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

i03750988

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	347-0404	1	SOFTWARE GP-MONITOR						
<END>									

345-0534 ELECTRONICS GP-MONITOR- PAYLOAD CONTROL SYSTEM

S/N: BXY4000-UP

PART OF 345-0533 MONITOR AR-PAYLOAD
AN ATTACHMENT

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

i03796068

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	289-2217	1	SOFTWARE GP-MONITOR (PAYLOAD CONTROL SYSTEM)						
<END>									

345-0535 ELECTRONICS GP-MONITOR- PAYLOAD CONTROL SYSTEM

S/N: BXY4000-UP

FOR USE WITH 345-0533-PAGE 1802. CANNOT BE USED WITH 345-0536-PAGE 310
AN ATTACHMENT

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

i03799608

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	326-4287	1	SOFTWARE GP-MONITOR (PAYLOAD CONTROL SYSTEM)						
<END>									

ELECTRICAL AND STARTING SYSTEM

345-0536 ELECTRONICS GP-MONITOR- PAYLOAD CONTROL SYSTEM

S/N: BXY4000-UP

FOR USE WITH 345-0533-PAGE 1802. CANNOT BE USED WITH 345-0535-PAGE 309
AN ATTACHMENT

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

i03799610

			PART NAME						SEE
NOTE	PART NUMBER	QTY	1	2	3	4	5	6 (PRODUCT LEVEL)	PAGE
	329-9915	1	SOFTWARE GP-MONITOR (PAYLOAD CONTROL SYSTEM)						
			<END>						

189-7779 ELECTRONICS GP-POWER TRAIN

S/N: BXY1900-UP

CUSTOM

PART OF 2Q-8722, 2Q-8733, 2Q-8744, 2Q-8749, 2Q-8752, 2Q-8753 STEEL MILL AR
AN ATTACHMENT

SMCS-4800, 4808, 7610, 7620

i02730814

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	207-0580	1	SOFTWARE GP-POWER TRAIN						
			-OR-						
	207-0581	1	SERVICE GP-IMPLEMENT						
			(OPTIONAL SERVICE REPLACEMENT) (INCLUDES CONTROL GP & SOFTWARE)						
	7X-6315	1	STRAP AS-GROUND						
	134-4126	1	WASHER (4.52X8.28X0.76-MM THK)						
	184-2472	1	SCREW-PAN HEAD (NO 8-32X9.52-MM)						
R-REMFG PART MAY BE AVAILABLE									
<END>									

ELECTRICAL AND STARTING SYSTEM

226-2061 ELECTRONICS GP-POWER TRAIN

S/N: BXY1-1899

PART OF 225-5452 ELECTRICAL AR

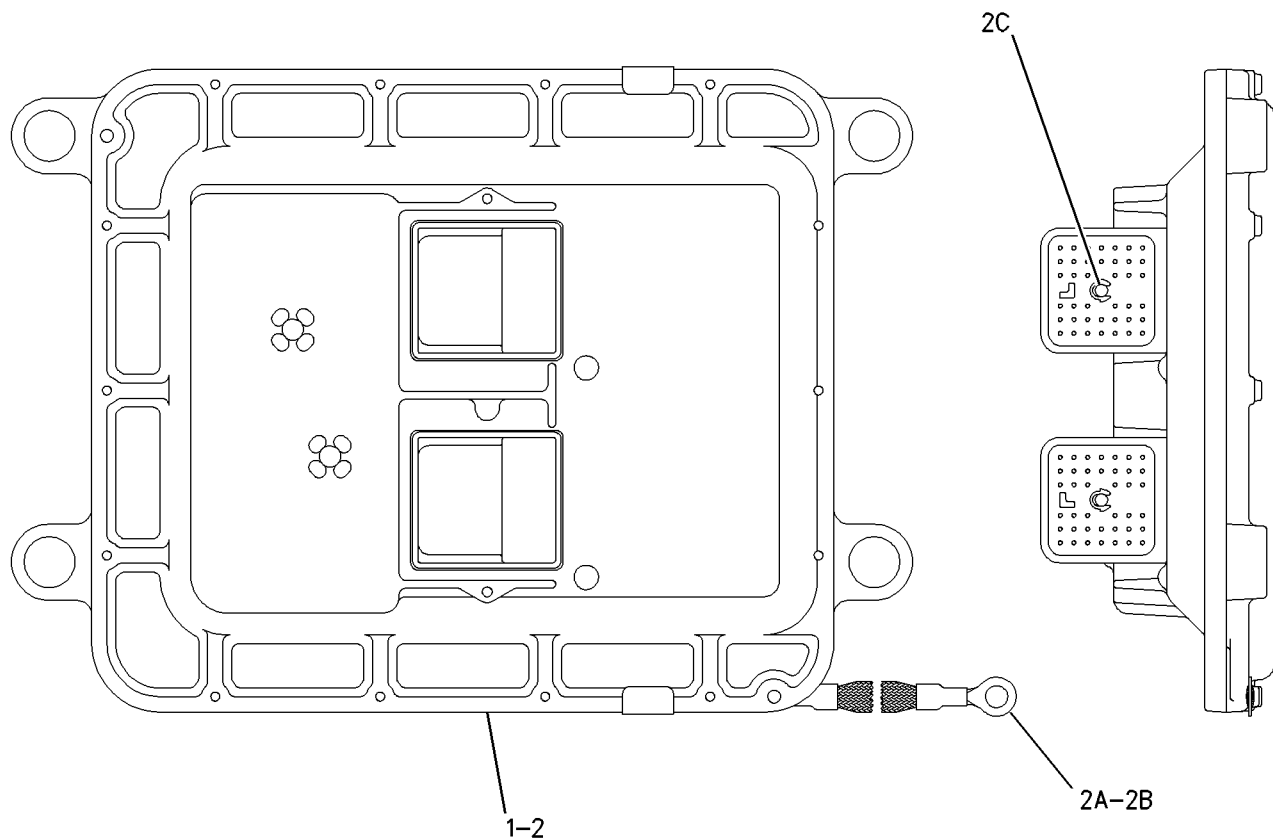
SMCS-4800, 4808, 7610, 7620

i02374198

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	273-2598	1	SFWR GP-POWER TRAIN						
					-OR-						
	2	1	273-2599	1	SERVICE GP-POWER TRAIN						
	2A	1	101-0852	1	SCREW-PAN HEAD (8-32X0.375-IN)						
	2B	1	7X-6315	1	STRAP AS-GROUND						
M	2C	1	6V-6703	2	KIT-RETAINING BOLT						
					(EACH KIT INCLUDES BOLT, RING, AND SEAL)						
		1	134-4126	1	WASHER (4.52X8.28X0.76-MM THK)						

M-METRIC PART

R-REMFG PART MAY BE AVAILABLE



GRAPHIC #1

<END>

g00914782

ELECTRICAL AND STARTING SYSTEM

284-2995 ELECTRONICS GP-POWER TRAIN

S/N: BXY1900-3999

PART OF 284-2987 ELECTRICAL AR

SMCS-4800, 4808, 7610, 7620

i03633677

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	345-2259	1	SOFTWARE GP-POWER TRAIN						
			-OR-						
	345-2260	1	SERVICE GP-POWER TRAIN						
			(OPTIONAL SERVICE REPLACEMENT) (INCLUDES CONTROL GP & SOFTWARE)						
			<END>						

345-0529 ELECTRONICS GP-POWER TRAIN

S/N: BXY4000-UP

PART OF 337-0870 ELECTRICAL AR

SMCS-4800, 4808, 7610, 7620

i03750987

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	347-0385	1	SOFTWARE GP-POWER TRAIN						
			<END>						

ELECTRICAL AND STARTING SYSTEM

225-6841 FASTENER GP-ELECTRONICS

S/N: BXY1-2809

PART OF 225-5452, 284-2987 ELECTRICAL AR

SMCS-7553

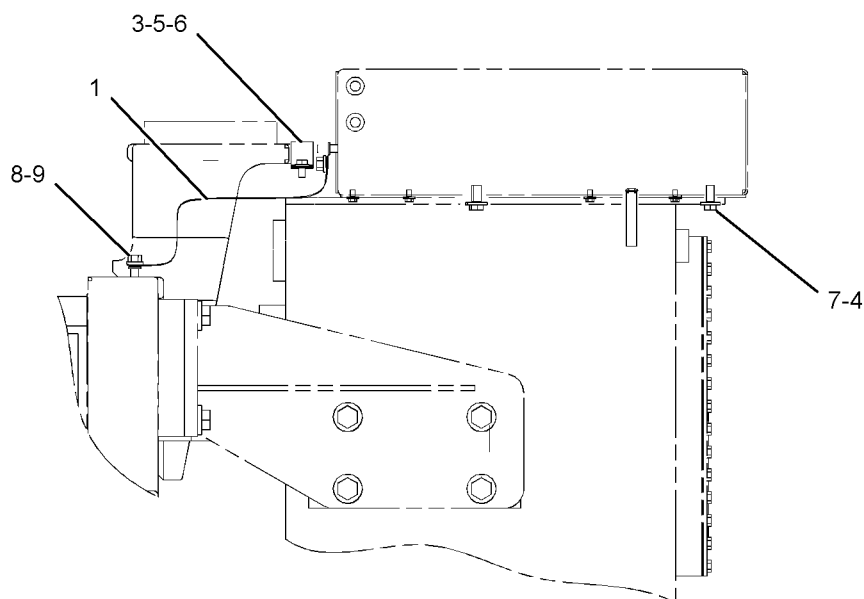
i02731189

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	6Y-6584	1	STRAP AS-GROUND	
	3	1	4D-7388	1	CLIP	
	4	1	5P-1076	4	WASHER-HARD (13.5X30X4-MM THK)	
	5	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)	
M	6	1	8T-4137	1	BOLT (M10X1.5X20-MM)	
M	7	1	8T-4139	4	BOLT (M12X1.75X30-MM)	
	8	1	8T-4223	17	WASHER-HARD (13.5X25.5X3-MM THK)	
M	9	1	8T-4244	2	NUT (M12X1.75-THD)	
M	10	1	8T-4179	15	BOLT (M12X1.75X20-MM)	
M-METRIC PART						

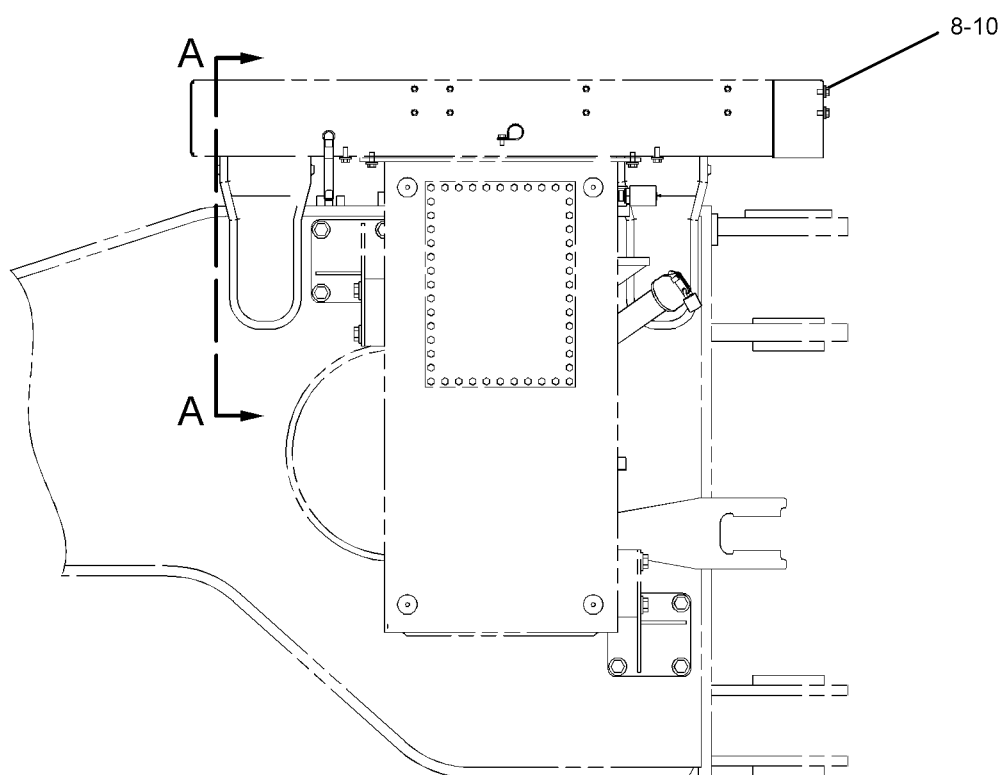
ELECTRICAL AND STARTING SYSTEM

225-6841 FASTENER GP-ELECTRONICS (contd.)

i02731189



VIEW A-A



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g01170783

ELECTRICAL AND STARTING SYSTEM

225-6841 FASTENER GP-ELECTRONICS

S/N: BXY2810-UP

PART OF 284-2987, 337-0870 ELECTRICAL AR

SMCS-7553

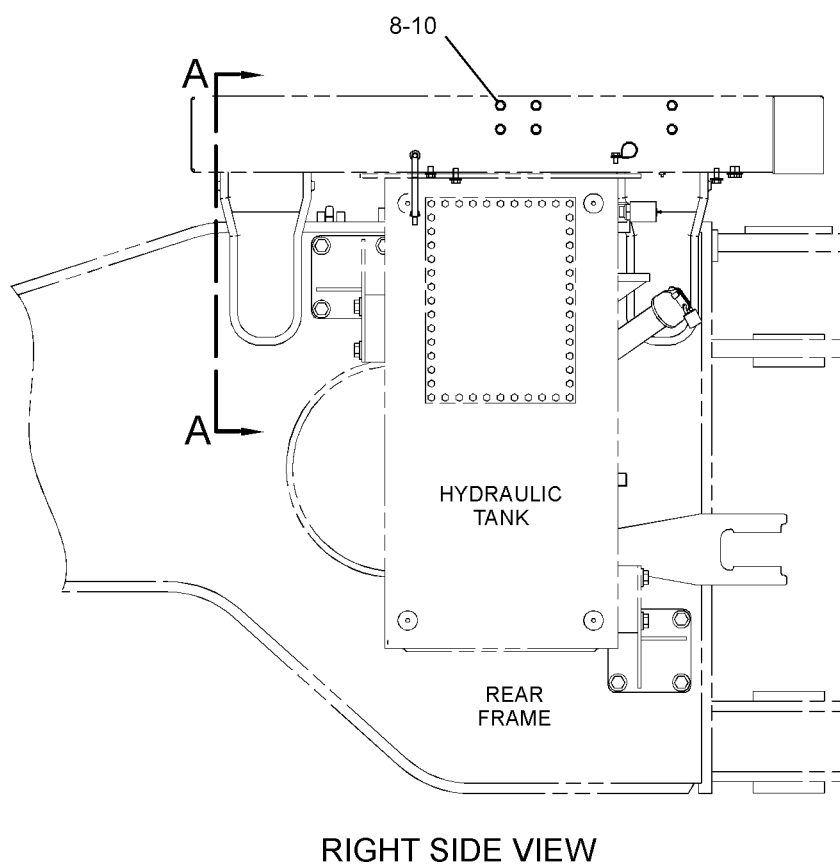
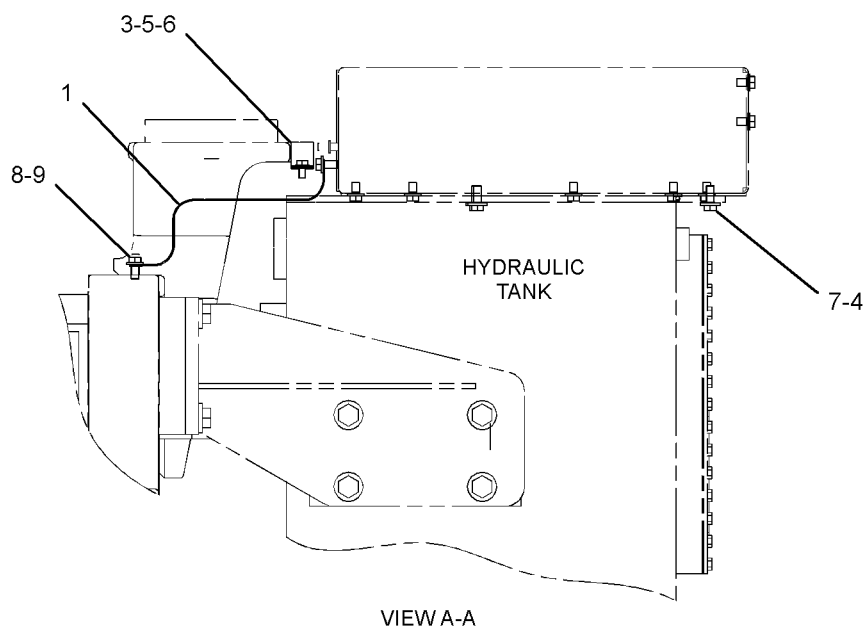
i03463444

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	6Y-6584	1	STRAP AS-GROUND	
	3	1	4D-7388	1	CLIP	
	4	1	5P-1076	4	WASHER-HARD (13.5X30X4-MM THK)	
	5	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)	
M	6	1	8T-4137	1	BOLT (M10X1.5X20-MM)	
M	7	1	8T-4139	4	BOLT (M12X1.75X30-MM)	
C	8	1	8T-4223	13	WASHER-HARD (13.5X25.5X3-MM THK)	
CM	9	1	8T-4192	2	BOLT (M12X1.75X25-MM)	
CM	10	1	8T-4179	11	BOLT (M12X1.75X20-MM)	
C-CHANGE FROM PREVIOUS TYPE						
M-METRIC PART						

ELECTRICAL AND STARTING SYSTEM

225-6841 FASTENER GP-ELECTRONICS (contd.)

i03463444



GRAPHIC #1

<END>

g01830279

ELECTRICAL AND STARTING SYSTEM

225-6841 FASTENER GP-ELECTRONICS

S/N: BXY4000-UP

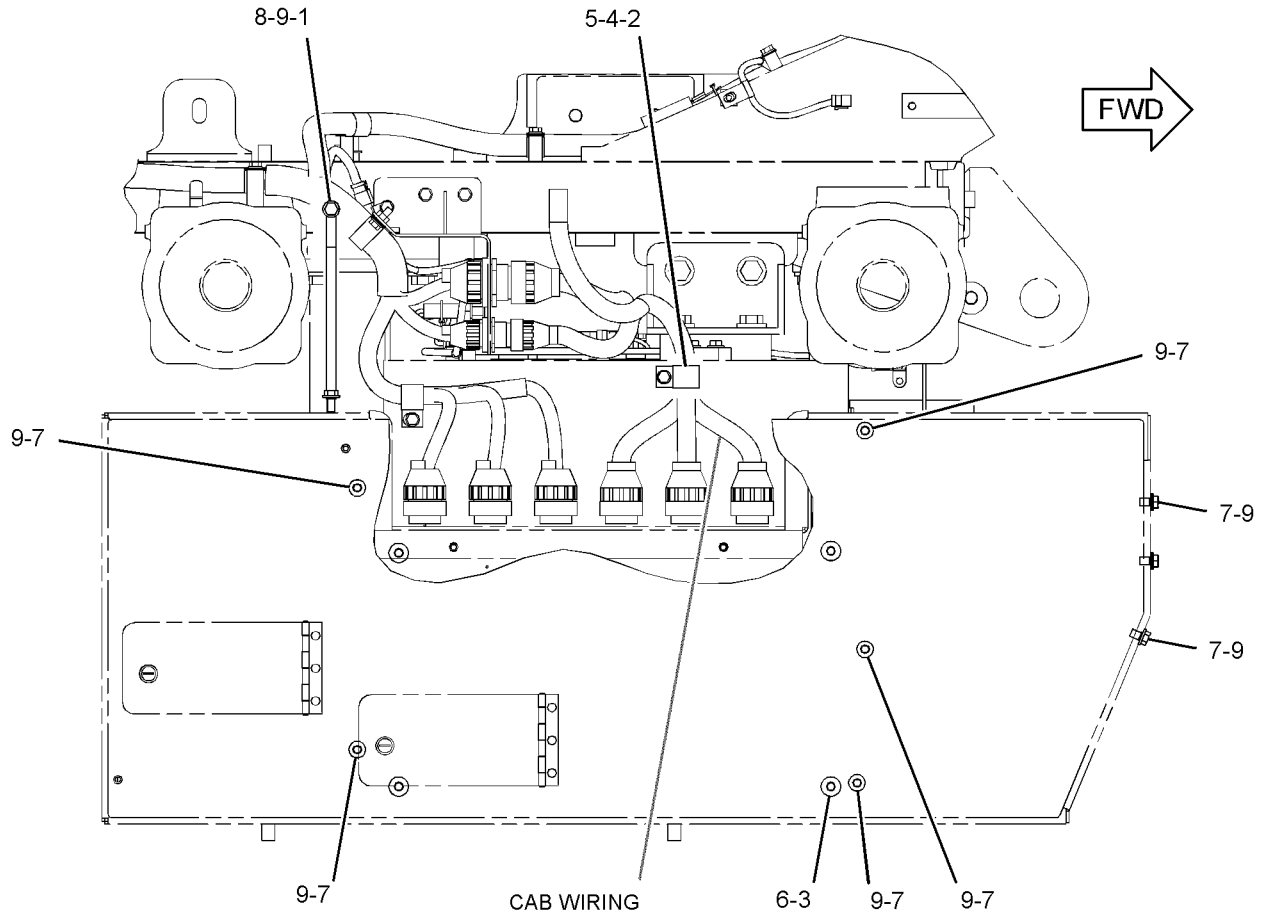
PART OF 337-0870 ELECTRICAL AR

SMCS-7553

i03783210

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6Y-6584	1	STRAP AS-GROUND						
	2	1	4D-7388	1	CLIP						
	3	1	5P-1076	4	WASHER-HARD (13.5X30X4-MM THK)						
	4	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						
M	5	1	8T-4137	1	BOLT (M10X1.5X20-MM)						
M	6	1	8T-4139	4	BOLT (M12X1.75X30-MM)						
CM	7	1	8T-4179	9	BOLT (M12X1.75X20-MM)						
M	8	1	8T-4192	2	BOLT (M12X1.75X25-MM)						
C	9	1	8T-4223	11	WASHER-HARD (13.5X25.5X3-MM THK)						

C- CHANGE FROM PREVIOUS TYPE
M- METRIC PART



TOP VIEW

<END>

GRAPHIC #1

g02048413

ELECTRICAL AND STARTING SYSTEM

226-0960 HEATER AR-FUEL

S/N: BXY1-UP

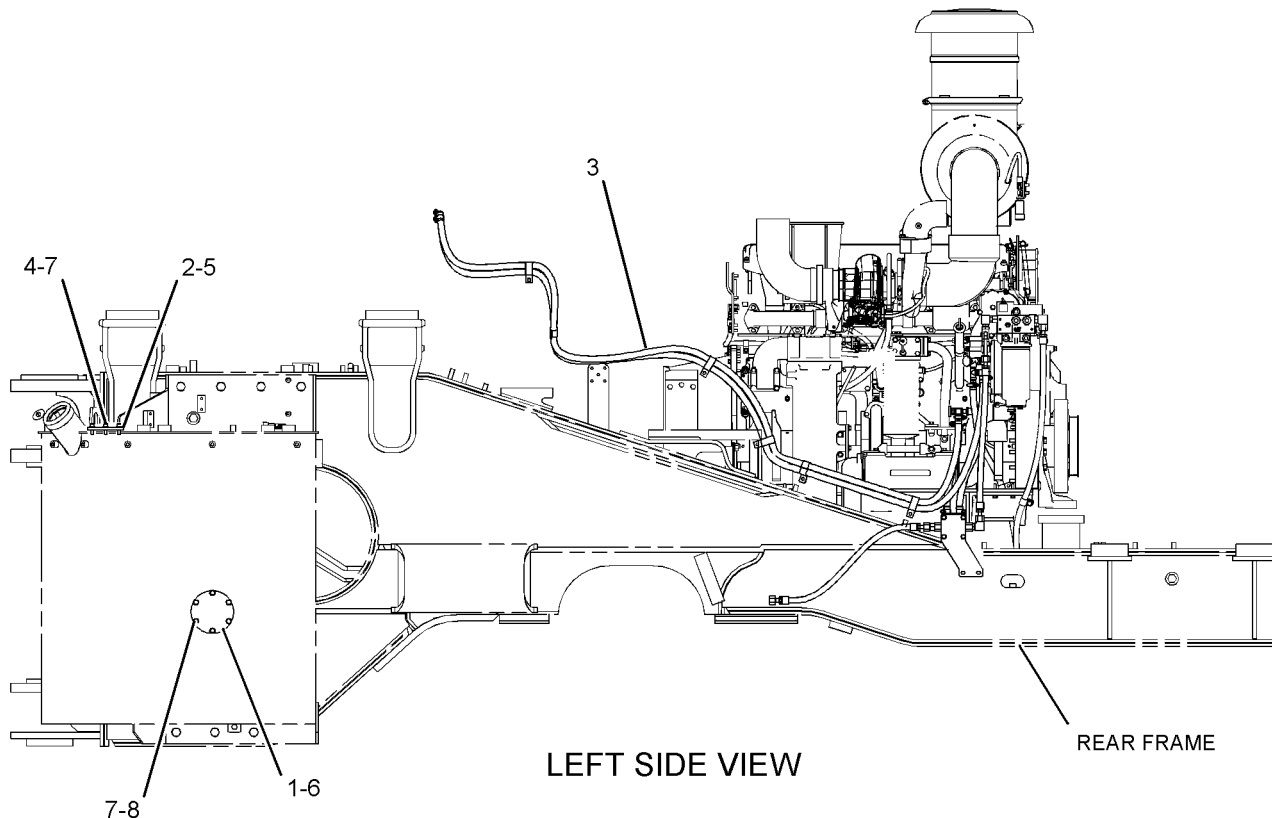
CANNOT BE USED WITH 226-0307-PAGE 256, 226-0947-PAGE 232, 226-1244-PAGE 233
AN ATTACHMENT

SMCS-1273, 1296

i02172059

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	164-3417	1	COVER						
	2	1	187-1679	1	COVER						
Y	3	1	226-0961	1	HEATER GP-FUEL						319
M	4	1	101-7404	6	BOLT-SOCKET HEAD (M10X1.5X30-MM)						
	5	1	1H-8128	1	SEAL-O-RING						
		1	5K-1770	1	SEAL-O-RING						
	6	1	5H-6734	1	SEAL-O-RING						
	7	1	8T-4121	12	WASHER-HARD (11X21X2.5-MM THK)						
M	8	1	8T-4195	6	BOLT (M10X1.5X30-MM)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01106146

ELECTRICAL AND STARTING SYSTEM

226-0961 HEATER GP-FUEL

S/N: BXY1-UP

PART OF 226-1244 FUEL AR-FAST FILL, 226-0960 HEATER AR-FUEL, 352-8275,
352-8276 OPTION AR-COLD WEATHER
AN ATTACHMENT

SMCS-1296

i03185502

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1V-1122	4	TAG-IDENTIFICATION (LETTERS SPL)						
	2	1	1V-1123	4	TAG-IDENTIFICATION (LETTERS RET)						
	3	1	3K-7928	2	ELBOW						
	4	1	7D-7026	2	CONNECTOR-HOSE						
	5	1	8L-6005	2	TEE-PIPE						
	6	1	9N-3666	1	VALVE-MANUAL (SUPPLY)						
	6A	1	9N-3666	1	VALVE-MANUAL (RETURN)						
	7	1	9W-8394	1	ORIFICE						
	8	1	9X-2488	8	CLAMP-HOSE						
	9	1	111-9289	1	HEATER AS (FUEL, COOLANT)						
		1	2M-9780	2	SEAL-O-RING						
		1	111-9827	2	ADAPTER						
	10	1	160-6381	1	PLATE						
I	11	1	168-9026	1	HOSE AS						
I	12	1	226-0483	1	HOSE AS						
	13	1	000-7244	1	ELBOW						
	14	1	148-8342	1	CONNECTOR AS						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8632	1	CONNECTOR						
		1	7J-9108	1	SEAL-O-RING						
	15	1	150-4048	1	ELBOW AS						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8722	1	ELBOW						
		1	7J-9108	1	SEAL-O-RING						
	16	1	3B-7255	1	BUSHING-REDUCING						
	17	1	5M-3062	4	BOLT (3/8-16X0.75-IN)						
	18	1	197-3332	1	ADAPTER AS						
		1	3K-0360	1	SEAL-O-RING						
		1	5P-1838	1	ADAPTER						
	19	1	6D-1641	6	CLIP						
	20	1	8B-2664	1	BUSHING-REDUCER						
	21	1	8T-4896	4	WASHER-HARD (10.2X18.5X2.5-MM THK)						
E	22	1	7I-1024		GUARD-HOSE (232-CM)						
E	22A	1	7I-1024		GUARD-HOSE (132-CM)						
E	22B	1	7I-1024		GUARD-HOSE (190-CM)						
E	22C	1	7I-1024		GUARD-HOSE (182-CM)						
E	22D	1	7I-1024		GUARD-HOSE (215-CM)						
E	23	1	5P-0767		HOSE (304-CM)						
E	23A	1	5P-0767		HOSE (330-CM)						
E	23B	1	5P-0767		HOSE (56-CM)						
E	23C	1	5P-0767		HOSE (36-CM)						
	24	1	155-7321	1	ADAPTER AS						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-1722	1	ADAPTER-O-RING						

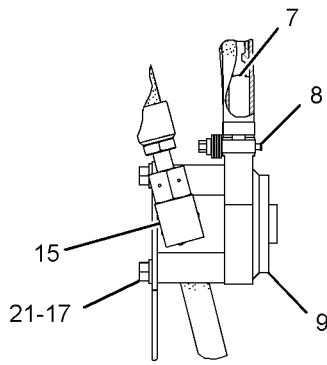
E-ORDER BY THE CENTIMETER

I-REFER TO HYDRAULIC INFORMATION SYSTEM

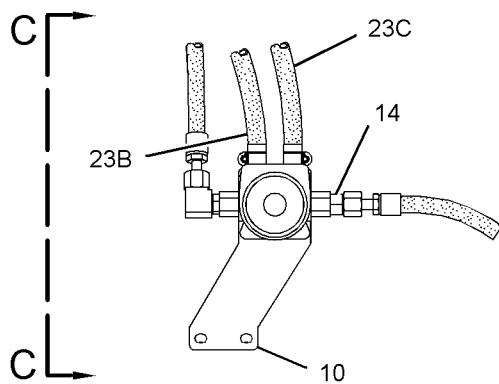
ELECTRICAL AND STARTING SYSTEM

226-0961 HEATER GP-FUEL (contd.)

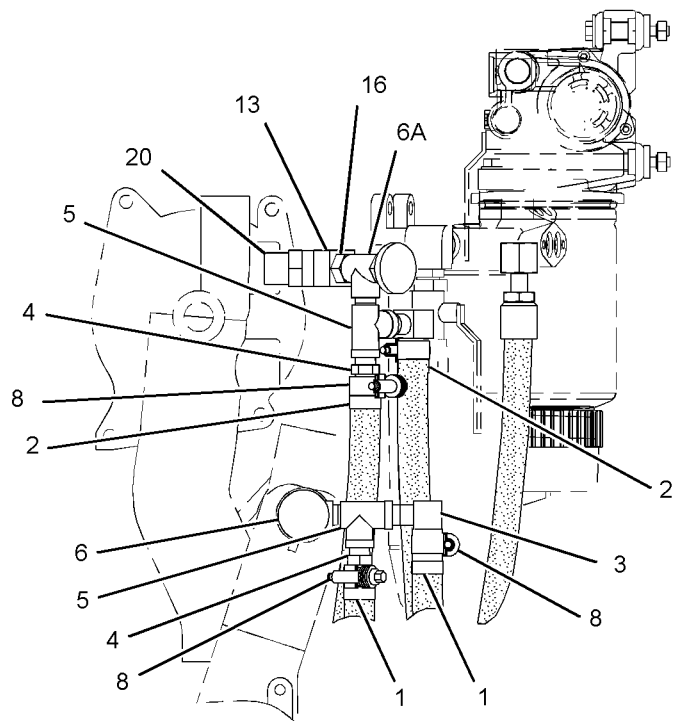
i03185502



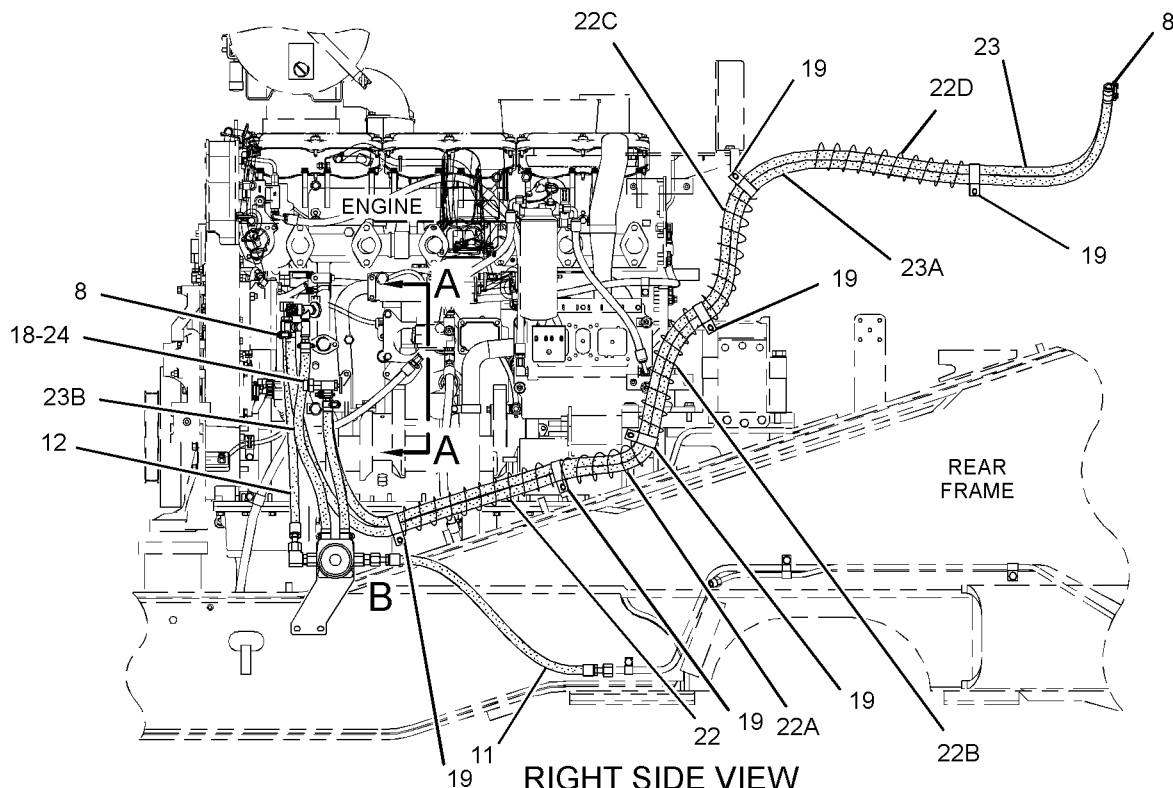
VIEW C-C



VIEW OF AREA B



VIEW A-A



RIGHT SIDE VIEW

<END>

GRAPHIC #1

g01703679

ELECTRICAL AND STARTING SYSTEM

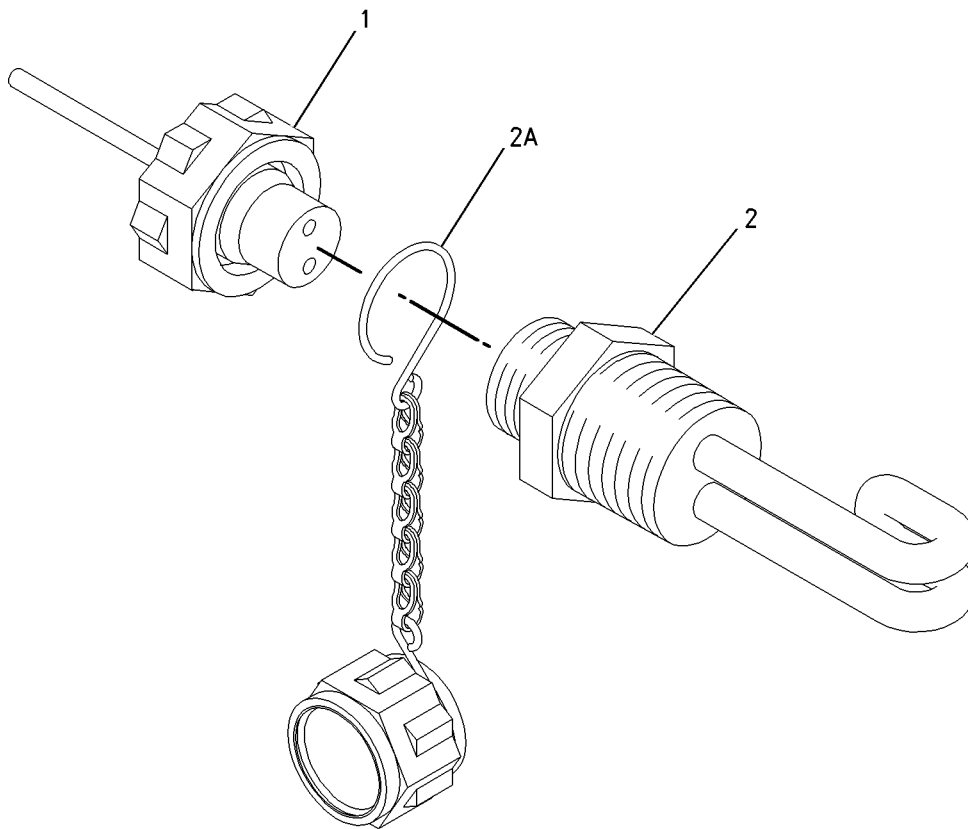
190-3132 HEATER GP-JACKET WATER

S/N: BXY1-UP
220-VOLT, 1500-WATT
AN ATTACHMENT

SMCS-1383

i01620054

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	4N-8227	1	CORD AS-HEATER ELEMENT (240-VOLT, 15-AMPERE)	
C	2	1	207-6901	1	ELEMENT AS-JACKET WATER HEATER (240-VOLT, 1500-WATT) (1500 WATT-220 VOLT)	
	2A	1	133-6517	1	CAP AS-DUST	
C-CHANGE FROM PREVIOUS TYPE						



GRAPHIC #1

<END>

g00841521

ELECTRICAL AND STARTING SYSTEM

207-7030 HEATER GP-JACKET WATER

S/N: BXY1-UP

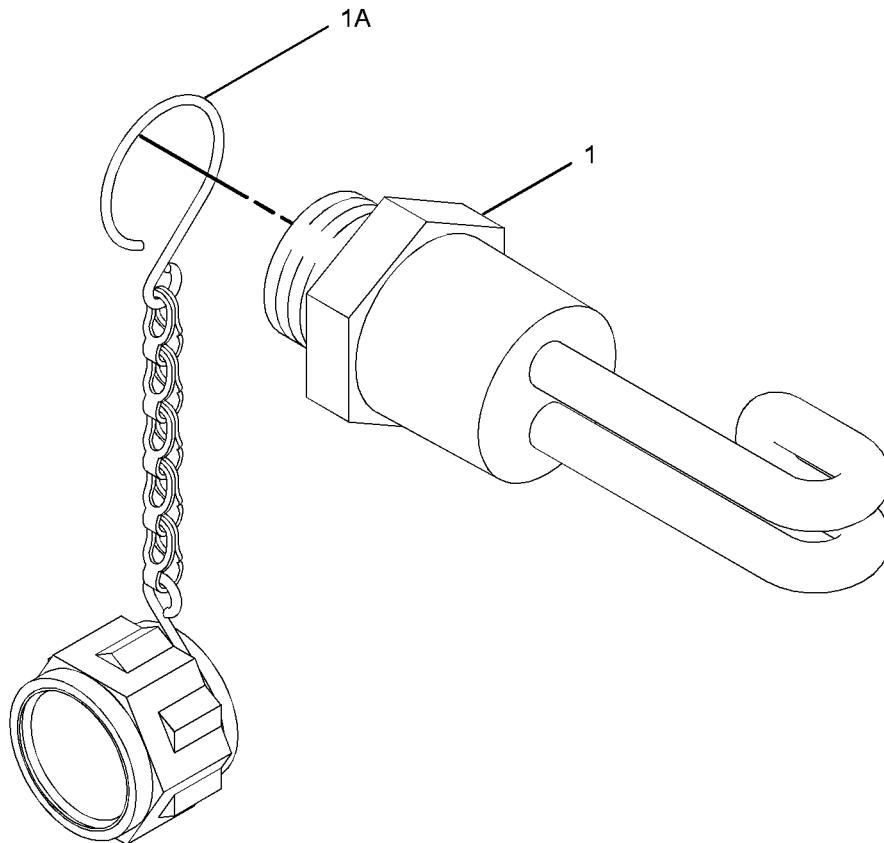
120-VOLT, 1500-WATT

FOR USE WITH ENGINES REQUIRING A 110 VOLT HEATER ASSEMBLY THAT IS SHORTER THAN THE STANDARD HEATER, 296-8073—PAGE 616. CANNOT BE USED WITH 190-3132—PAGE 321
AN ATTACHMENT

SMCS-1383

i02686109

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	207-7025	1	ELEMENT AS-JACKET WATER HEATER						
	1A	1	133-6517	1	CAP AS-DUST						



GRAPHIC #1

<END>

g01349627

ELECTRICAL AND STARTING SYSTEM

246-2689 HEATER GP-JACKET WATER

S/N: BXY2400-UP

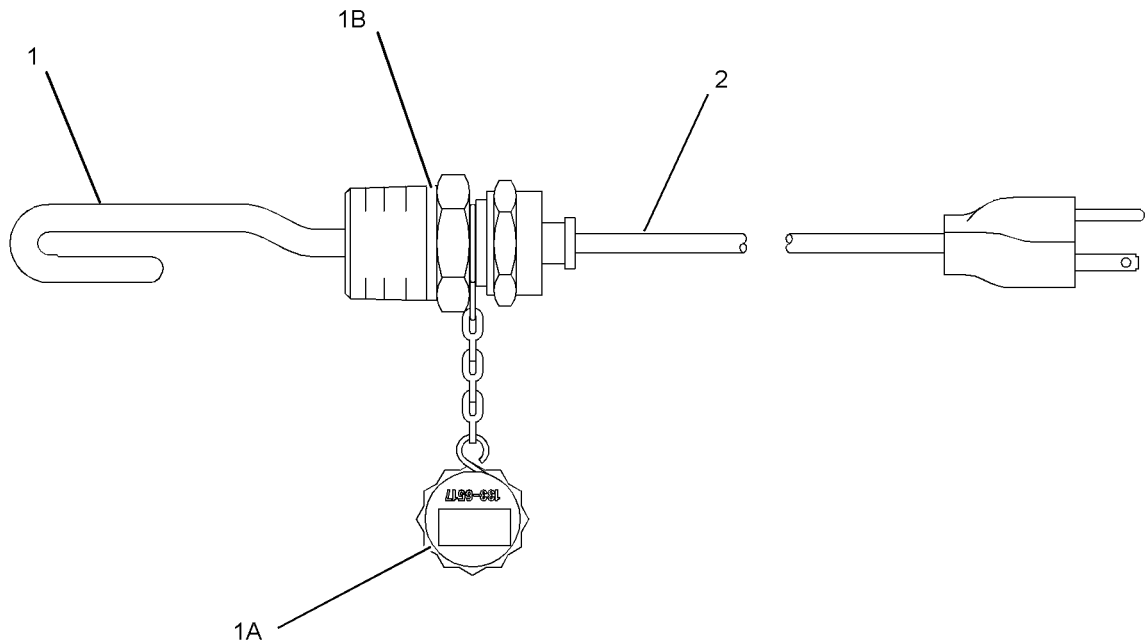
PART OF 352-8276 OPTION AR-COLD WEATHER

CANNOT BE USED WITH 246-3514—PAGE 324, 227-4564—PAGE 179
AN ATTACHMENT

SMCS-1383

i03607900

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	246-2686	1	ELEMENT AS-JACKET WATER HEATER (120-VOLT, 1500-WATT)						
	1A	1	133-6517	1	CAP AS-DUST						
	1B	1	7M-8485	1	SEAL-O-RING						
	2	1	9N-5253	1	CORD AS-HEATER ELEMENT (120-VOLT, 15-AMPERE)						



GRAPHIC #1

<END>

g01108456

ELECTRICAL AND STARTING SYSTEM

246-3514 HEATER GP-JACKET WATER

S/N: BXY1-UP

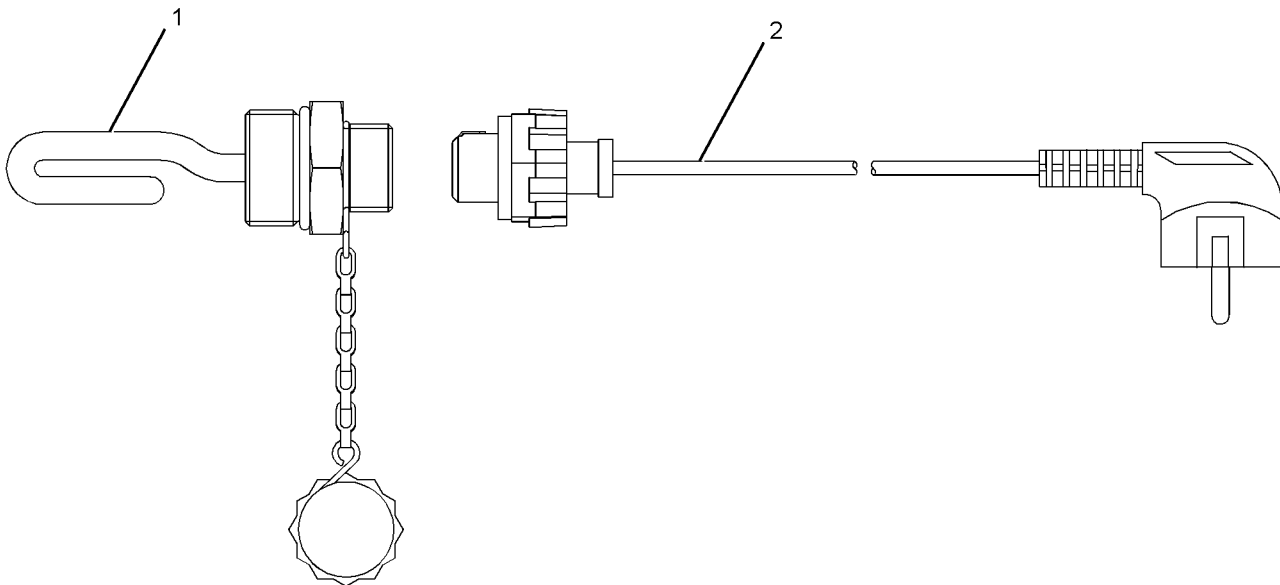
PART OF 352-8275 OPTION AR-COLD WEATHER

CANNOT BE USED WITH 246-2689—PAGE 323, 227-4564—PAGE 179
AN ATTACHMENT

SMCS-1383

i03359680

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	246-3513	1	ELEMENT AS-JACKET WATER HEATER (240-VOLT, 1500-WATT)	
		1	7M-8485	1	SEAL-O-RING	
		1	133-6517	1	CAP AS-DUST	
	2	1	217-6284	1	CORD AS-HEATER	



GRAPHIC #1

<END>

g01210282

ELECTRICAL AND STARTING SYSTEM

271-8503 INSTALLATION AR-COMMUNICATION- PRODUCT LINK 300

S/N: BXY1-UP
AN ATTACHMENT

SMCS-7606

i02940927

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	270-9046	1	CONTROL & MTG GP-COMMUNICATION (PRODUCT LINK 300)						292
Y	271-9062	1	WIRING GP-COMMUNICATION (PRODUCT LINK 300)						527
	307-0047	1	FILM-INFORMATION (PRODUCT LINK, READ OMM) (INSIDE CAB ON LEFT FRONT METAL POST (A POST) DIRECTLY BENEATH WARNING FILM)						
	260-7652	1	FILM-WARNING (PRODUCT LINK 300, U.S.) (INSIDE CAB ON LEFT FRONT METAL POST (A POST) 1200-MM ABOVE CAB FLOOR)						
Y-SEPARATE ILLUSTRATION									
<END>									

271-9276 INSTALLATION AR-COMMUNICATION- PRODUCT LINK 300

S/N: BXY1-UP
AN ATTACHMENT

SMCS-7606

i02940929

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	270-9046	1	CONTROL & MTG GP-COMMUNICATION (PRODUCT LINK 300)						292
Y	271-9062	1	WIRING GP-COMMUNICATION (PRODUCT LINK 300)						527
	307-0047	1	FILM-INFORMATION (PRODUCT LINK, READ OMM) (INSIDE CAB ON LEFT FRONT METAL POST (A POST) DIRECTLY BENEATH WARNING FILM)						
	260-7653	1	FILM-WARNING (PRODUCT LINK, READ OMM) (INSIDE CAB ON LEFT FRONT METAL POST (A POST) 1200-MM ABOVE CAB FLOOR)						
Y-SEPARATE ILLUSTRATION									
<END>									

345-0516 INSTALLATION AR-COMMUNICATION-PRODUCT LINK

S/N: BXY4000-UP
CANNOT BE USED WITH 309-0972-PAGE 566
AN ATTACHMENT

SMCS-7606

i03796054

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	270-9046	1	CONTROL & MTG GP-COMMUNICATION (PRODUCT LINK 300)						292
Y	309-0973	1	WIRING GP-ELECTRONICS BAY						574
Y-SEPARATE ILLUSTRATION									
<END>									

ELECTRICAL AND STARTING SYSTEM

3E-6389 LAMP GP-DOME

S/N: BXY1-UP

24-VOLT. WITH SWITCH

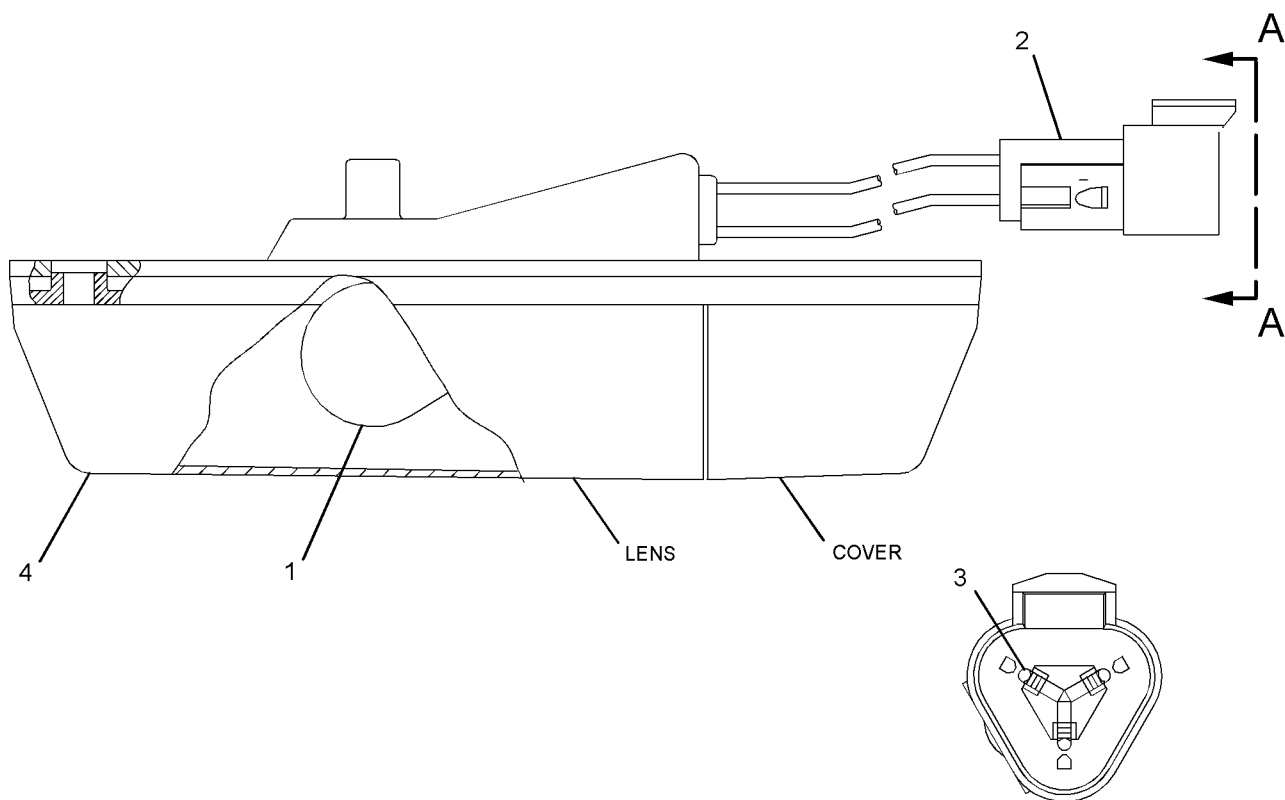
PART OF 261-0400, 345-4460 WIRING GP-CAB

ALSO AN ATTACHMENT

SMCS-1433

i03205534

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7N-9943	1	LAMP (24-VOLT) (DOME)						
	2	1	102-8803	1	KIT-RECEPTACLE (3-PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
	3	1	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)						
	4	1	7T-0020	1	LENS-DOME LAMP						



GRAPHIC #1

<END>

g01270113

ELECTRICAL AND STARTING SYSTEM

147-0319 LAMP GP-FLOOD

S/N: BXY1-3999

24-VOLT, 70-WATT

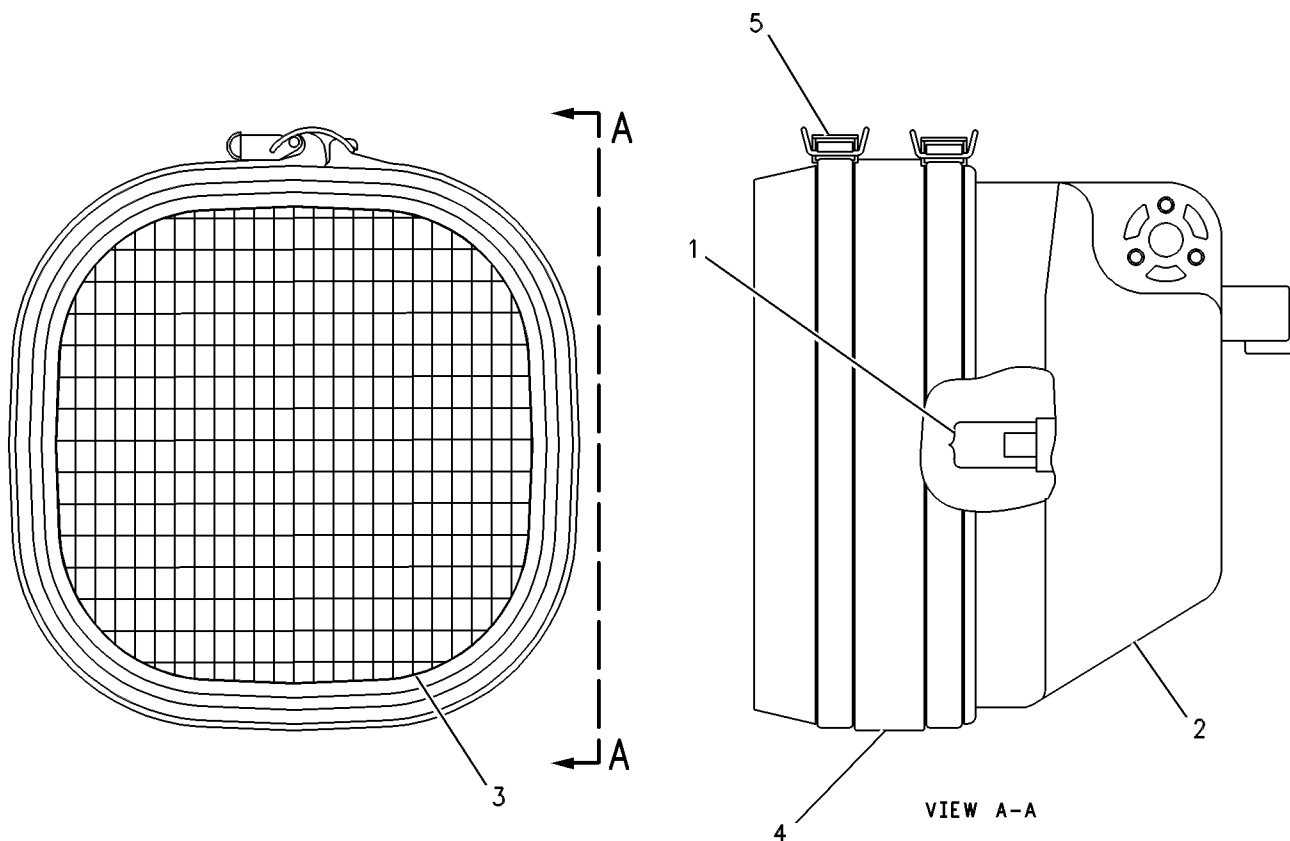
PART OF 231-6525, 231-6526 LIGHTING GP-FLOOD

AN ATTACHMENT

SMCS-1434

i03792112

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	351-9918	1	LAMP-HALOGEN (24-VOLT, 70-WATT)	
	2	1	158-0250	1	BODY AS-LAMP	
	3	1	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: BXY1-3999

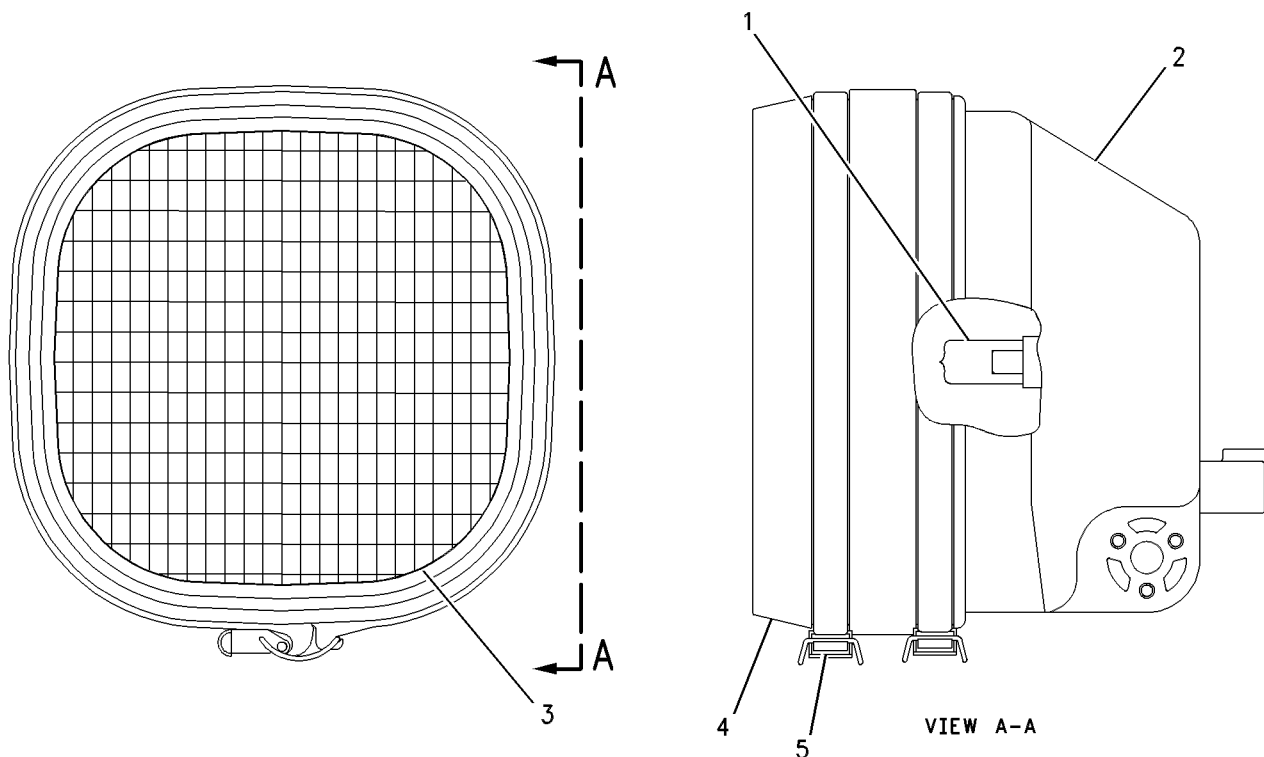
24-VOLT

PART OF 114-5186, 225-6845, 225-6993 LIGHTING GP-FLOOD, 225-6999, 259-2095
LIGHTING GP-FLOOD & SIGNAL
AN ATTACHMENT

SMCS-1434

i03631720

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, 70-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

210-8423 LAMP GP-FLOOD-HID

S/N: BXY1-UP

24-VOLT, 35-WATT

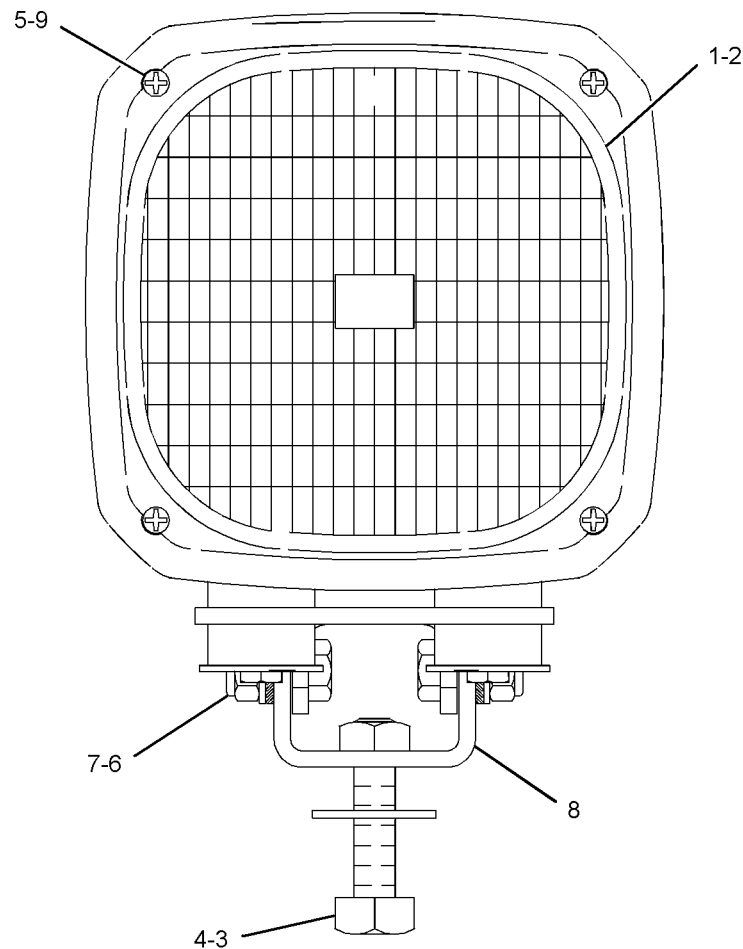
PART OF 225-6993 LIGHTING GP-FLOOD
AN ATTACHMENT

SMCS-1434

i03211141

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

M-METRIC PART



GRAPHIC #1

<END>

g01381688

ELECTRICAL AND STARTING SYSTEM

210-8423 LAMP GP-FLOOD-HID

S/N: BXY1-1899

24-VOLT, 35-WATT

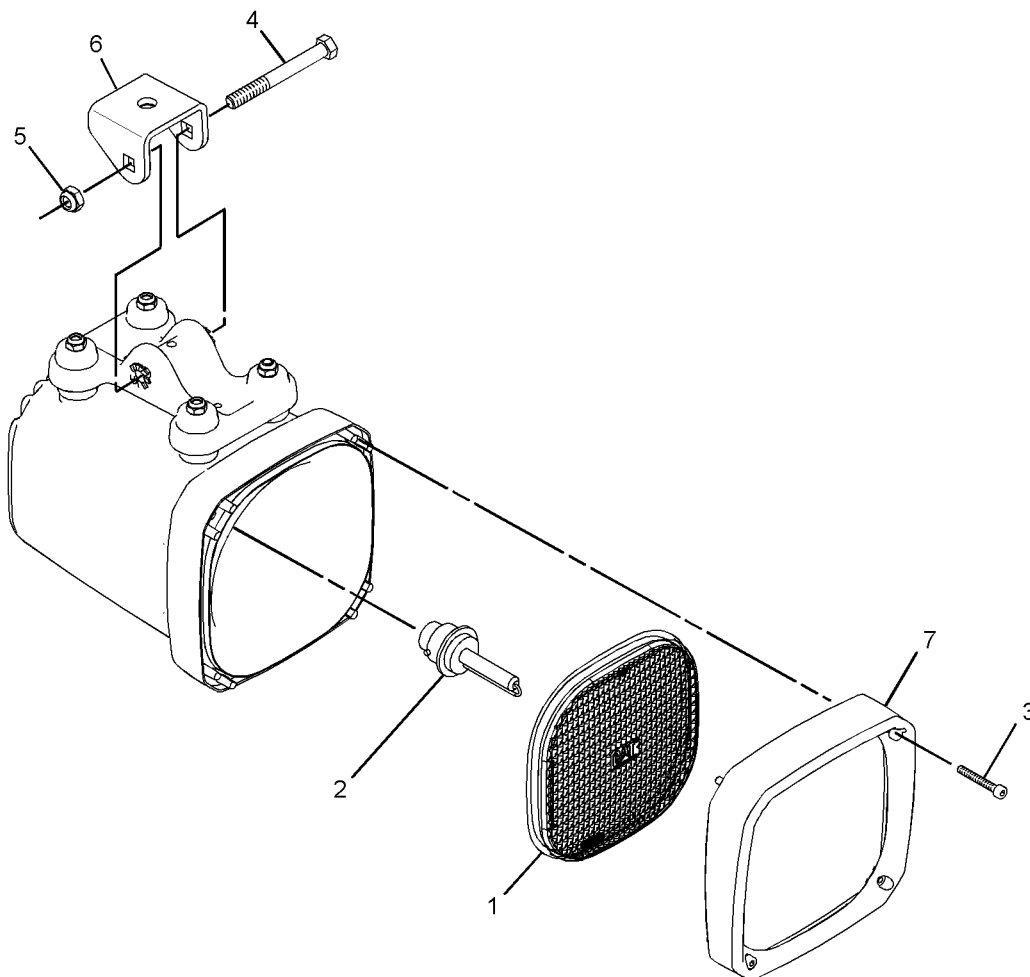
PART OF 225-6993 LIGHTING GP-FLOOD
AN ATTACHMENT

SMCS-1434

i02711984

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	229-9969	1	LENS AS						
	2	1	209-6638	1	LAMP-HALOGEN (12/24-VOLT, 35-WATT)						
M	3	1	120-9027	4	SCREW-PAN HEAD (M3X0.5X16-MM)						
CM	4	1	8T-6869	1	BOLT (M8X1.25X60-MM)						
CM	5	1	6V-9189	1	LOCKNUT (M8X1.25-THD)						
C	6	1	296-7759	1	BRACKET AS						
	7	1	229-9974	1	BEZEL						

C-CHANGE FROM PREVIOUS TYPE
M-METRIC PART



GRAPHIC #1

<END>

g01355100

ELECTRICAL AND STARTING SYSTEM

247-0293 LAMP GP-FLOOD-HID

S/N: BXY1-UP

24-VOLT, 70-WATT

PART OF 259-5825 LIGHTING GP-FLOOD

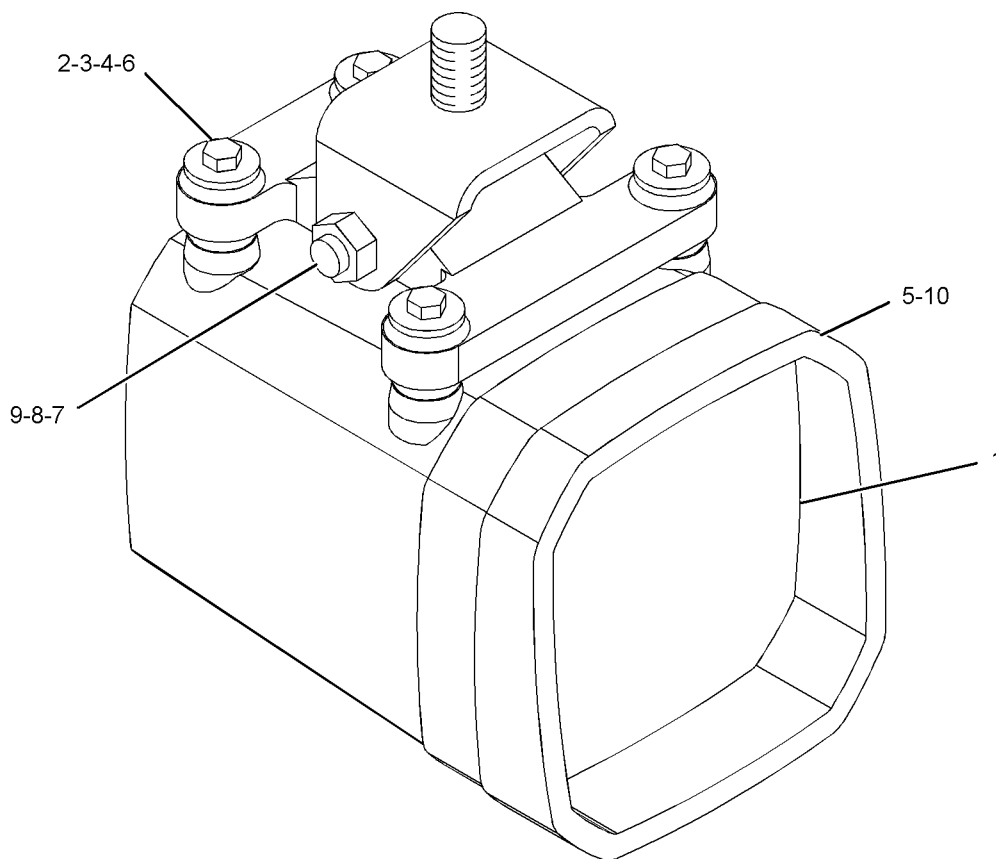
AN ATTACHMENT

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: BXY1-UP

24-VOLT, 70-WATT

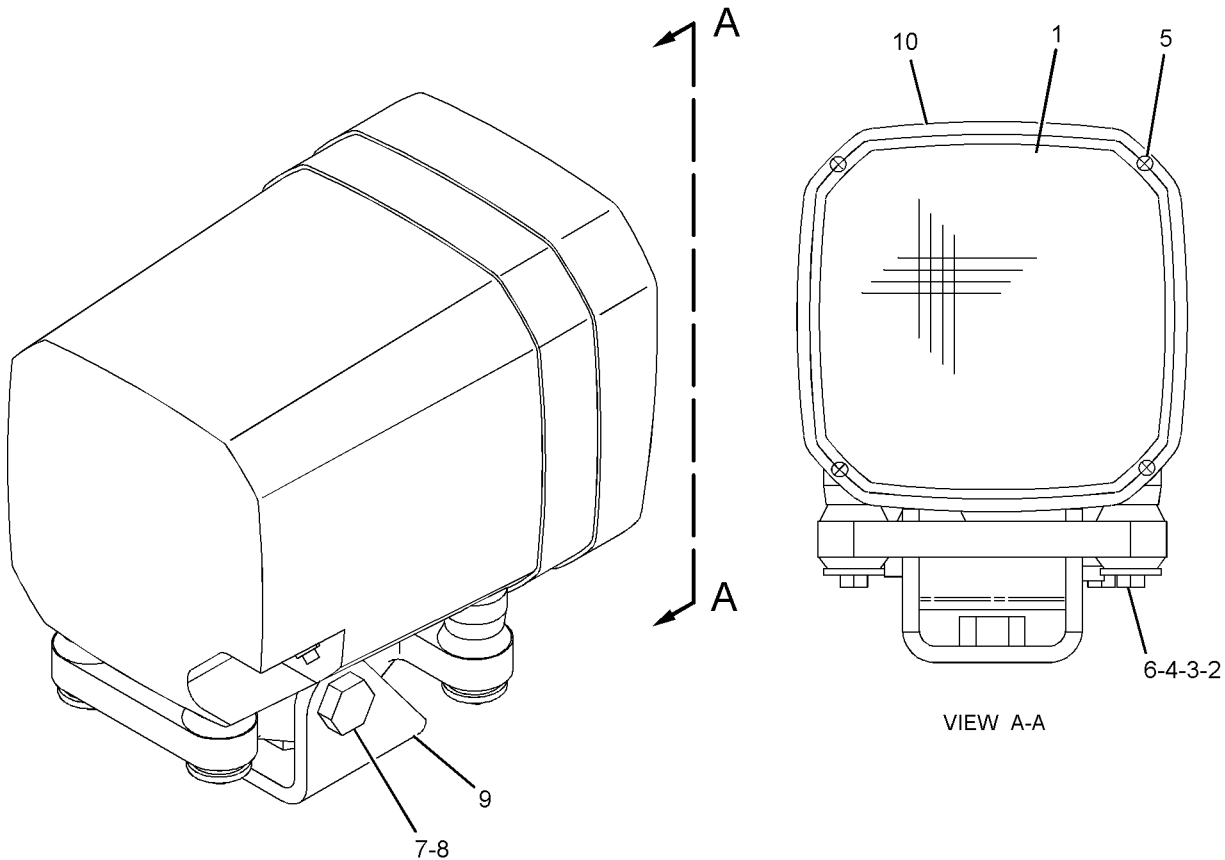
PART OF 259-5825 LIGHTING GP-FLOOD
AN ATTACHMENT

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

254-8155 LAMP GP-FLOOD

S/N: BXY4000-UP

24-VOLT, 65-WATT

PART OF 346-3838, 346-3840 LIGHTING GP-FLOOD

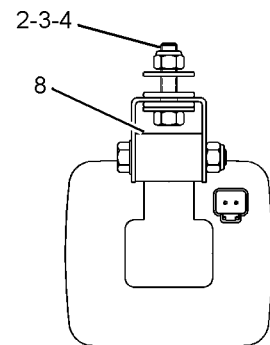
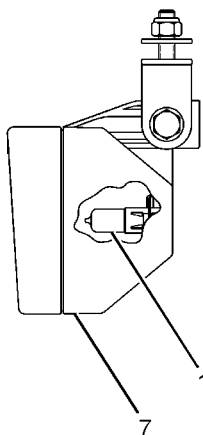
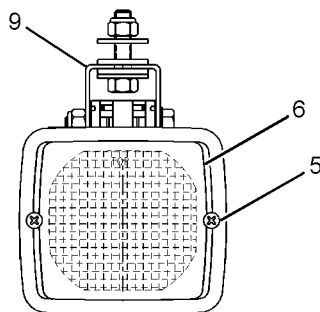
AN ATTACHMENT

SMCS-1434

i02697608

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, 70-WATT)						
M	2	1	8T-4154	1	BOLT (M8X1.25X35-MM)						
M	3	1	5C-7261	1	NUT (M8X1.25-THD)						
	4	1	8T-4224	2	WASHER-HARD (8.8X16X2-MM THK)						
	5	1	9X-4244	2	SCREW-SPECIAL (M4X1.79X25-MM)						
	6	1	202-6614	1	LENS AS						
	7	1	175-4292	1	BODY AS						
	8	1	164-7556	1	BRACKET (LAMP RETAINING)						
	9	1	175-4291	1	BRACKET AS						

M-METRIC PART



GRAPHIC #1

<END>

g01205426

ELECTRICAL AND STARTING SYSTEM

272-6641 LAMP GP-FLOOD

S/N: BXY4000-UP

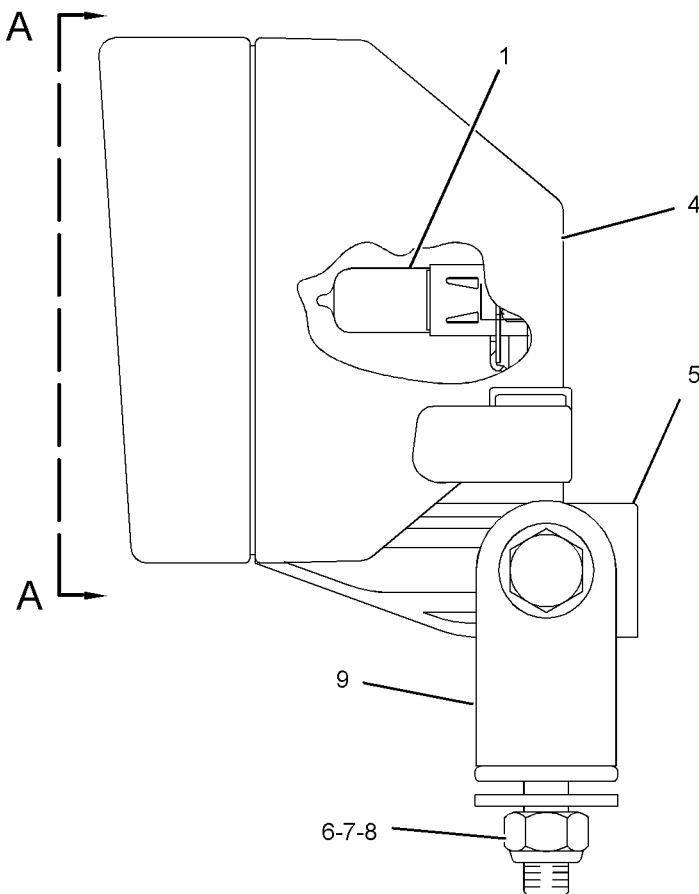
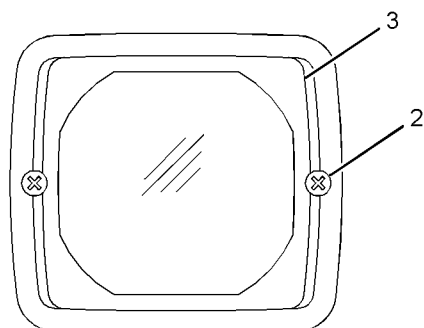
24-VOLT

PART OF 345-0519, 345-0522 LIGHTING GP-FLOOD, 345-0523 LIGHTING GP-FLOOD
& SIGNAL
AN ATTACHMENT

SMCS-1434

i03636587

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, 70-WATT)						
	2	1	9X-4244	2	SCREW-SPECIAL (M4X1.79X25-MM)						
	3	1	202-6614	1	LENS AS						
	4	1	175-4292	1	BODY AS						
	5	1	164-7556	1	BRACKET (LAMP RETAINING)						
M	6	1	8T-7547	1	BOLT (M8X1.25X30-MM)						
M	7	1	5C-7261	1	NUT (M8X1.25-THD)						
	8	1	8T-4224	2	WASHER-HARD (8.8X16X2-MM THK)						
	9	1	175-4291	1	BRACKET AS						
M-METRIC PART											



GRAPHIC #1

<END>

g01305640

ELECTRICAL AND STARTING SYSTEM

277-0467 LAMP GP-FLOOD-HID

S/N: BXY1-3999

24-VOLT, 35-WATT

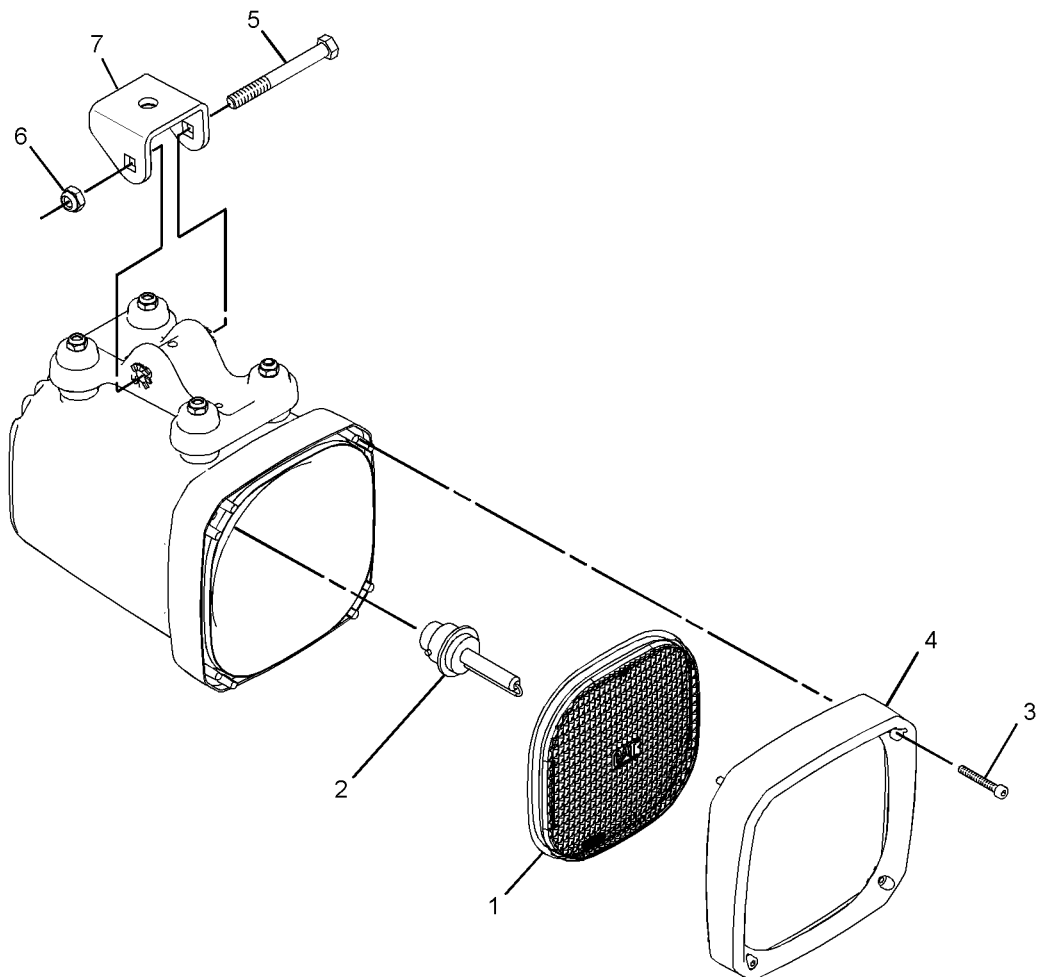
PART OF 259-5825 LIGHTING GP-FLOOD

AN ATTACHMENT

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 (12/24-VOLT, 35-WATT)						
M	3	1	120-9027	4	SCREW-PAN HEAD (M3X0.5X16-MM)						
	4	1	229-9974	1	BEZEL						
M	5	1	8T-6869	1	BOLT (M8X1.25X60-MM)						
M	6	1	6V-9189	1	LOCKNUT (M8X1.25-THD)						
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: BXY1-3999

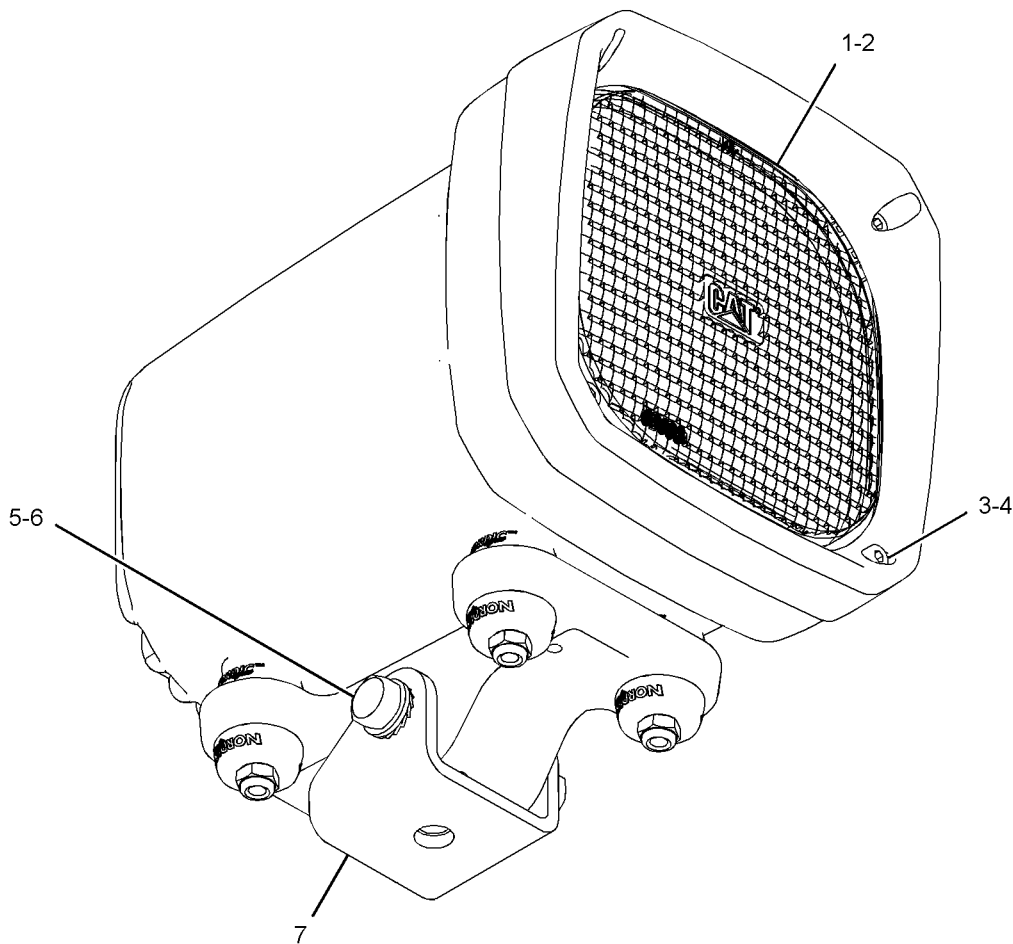
24-VOLT, 35-WATT

PART OF 259-5825, 286-7925 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 (12/24-VOLT, 35-WATT)						
M	3	1	120-9027	4	SCREW-PAN HEAD (M3X0.5X16-MM)						
	4	1	229-9974	1	BEZEL						
M	5	1	8T-6869	1	BOLT (M8X1.25X60-MM)						
M	6	1	6V-9189	1	LOCKNUT (M8X1.25-THD)						
	7	1	296-7759	1	BRACKET AS						
M-METRIC PART											



GRAPHIC #1

<END>

g01359389

ELECTRICAL AND STARTING SYSTEM

332-9402 LAMP GP-FLOOD-24-VOLT, 35-WATT, HID

S/N: BXY4000-UP

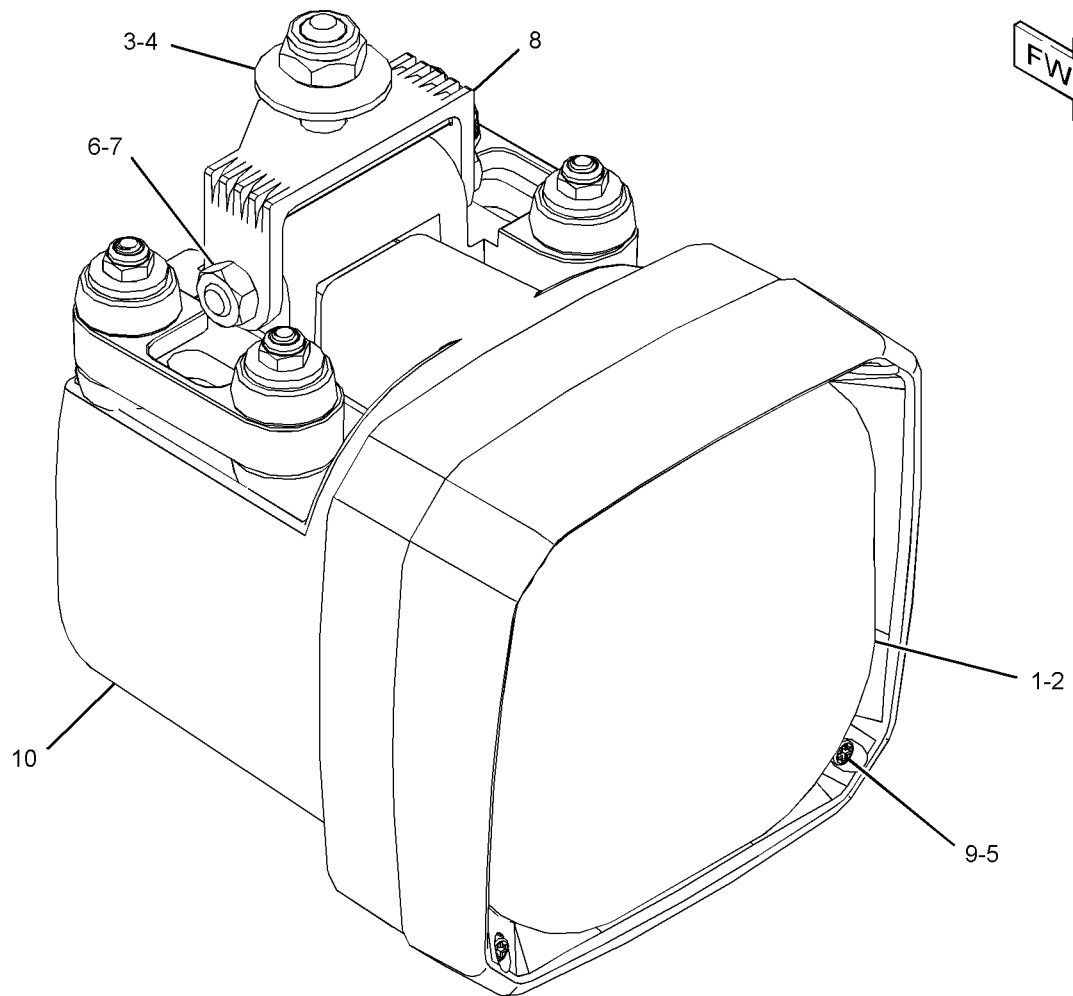
PART OF 346-3833 LIGHTING GP-FLOOD
AN ATTACHMENT

SMCS-1434

i03792199

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	290-8160	1	LAMP (24-VOLT, HID)						
M	3	1	8T-4186	1	BOLT (M10X1.5X40-MM)						
	4	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						
M	5	1	120-9027	4	SCREW-PAN HEAD (M3X0.5X16-MM)						
M	6	1	5P-8347	2	BOLT (M8X1.25X70-MM)						
M	7	1	6V-9189	2	LOCKNUT (M8X1.25-THD)						
	8	1	290-8996	1	BRACKET						
	9	1	229-9974	1	BEZEL						
	10	1	319-7384	1	BALLAST AS (24-VOLT, 35-WATT, HID)						

M-METRIC PART



GRAPHIC #1

<END>

g02059738

ELECTRICAL AND STARTING SYSTEM

347-9427 LAMP GP-FLOOD-24-VOLT, 35-WATT, HID

S/N: BXY4000-UP

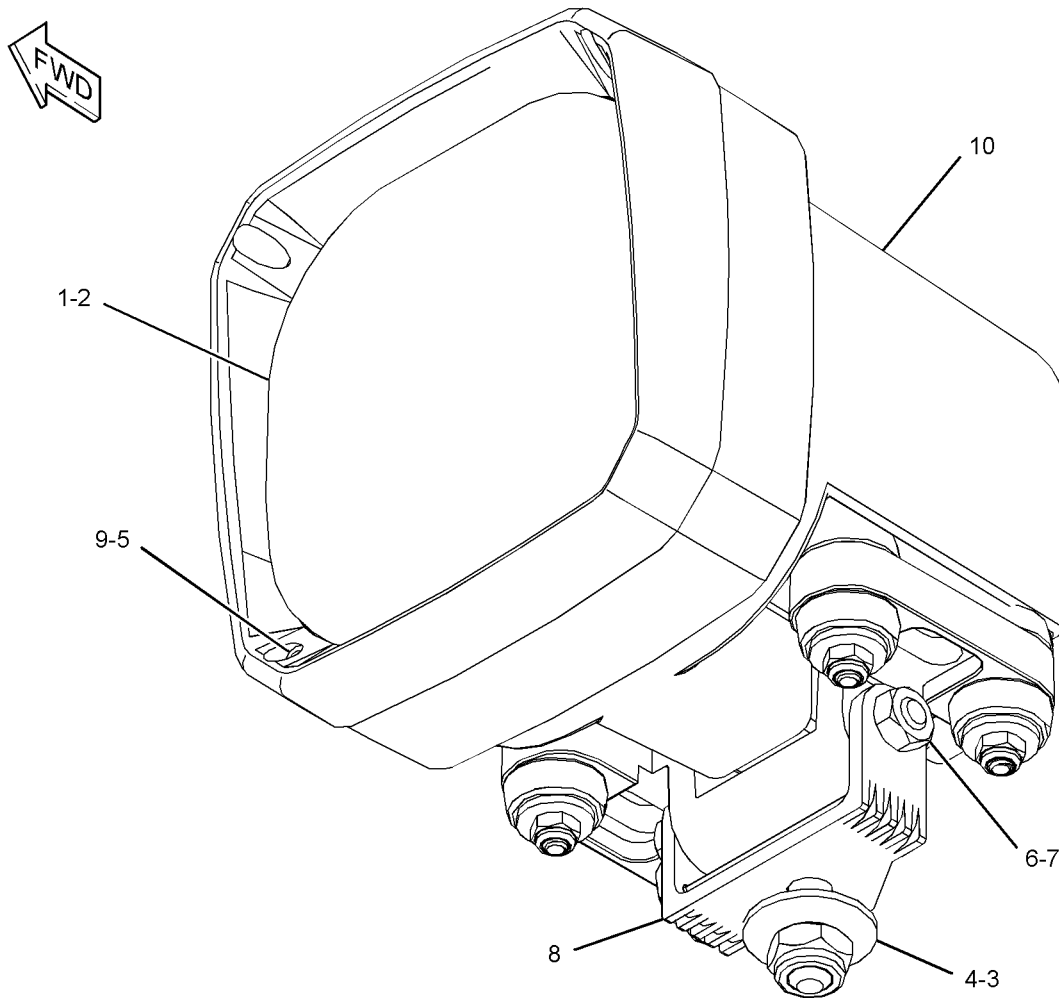
PART OF 286-7925, 346-3833 LIGHTING GP-FLOOD
AN ATTACHMENT

SMCS-1434

i03789474

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	290-8160	1	LAMP (24-VOLT, HID)						
M	3	1	8T-4186	1	BOLT (M10X1.5X40-MM)						
	4	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						
M	5	1	120-9027	4	SCREW-PAN HEAD (M3X0.5X16-MM)						
M	6	1	5P-8347	2	BOLT (M8X1.25X70-MM)						
M	7	1	6V-9189	2	LOCKNUT (M8X1.25-THD)						
	8	1	290-8996	1	BRACKET						
	9	1	229-9974	1	BEZEL						
	10	1	319-7384	1	BALLAST AS (24-VOLT, 35-WATT, HID)						

M-METRIC PART



GRAPHIC #1

<END>

g02059593

ELECTRICAL AND STARTING SYSTEM

161-3509 LAMP GP-HEAD-LOW BEAM

S/N: BXY1-3999

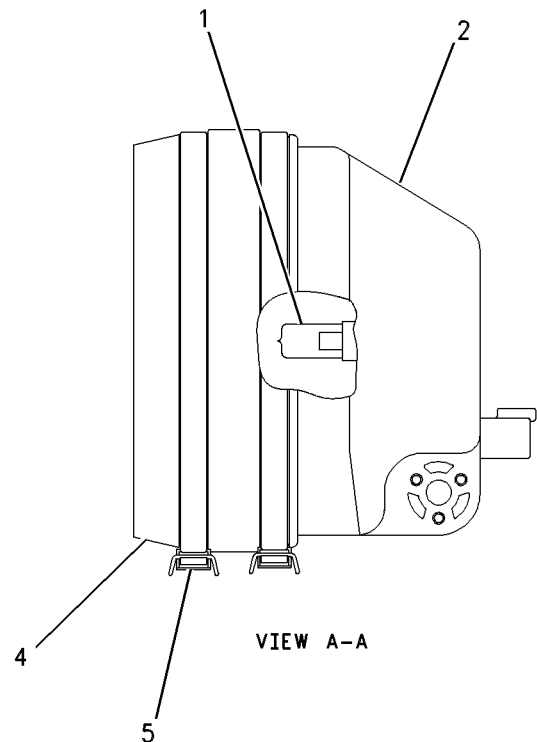
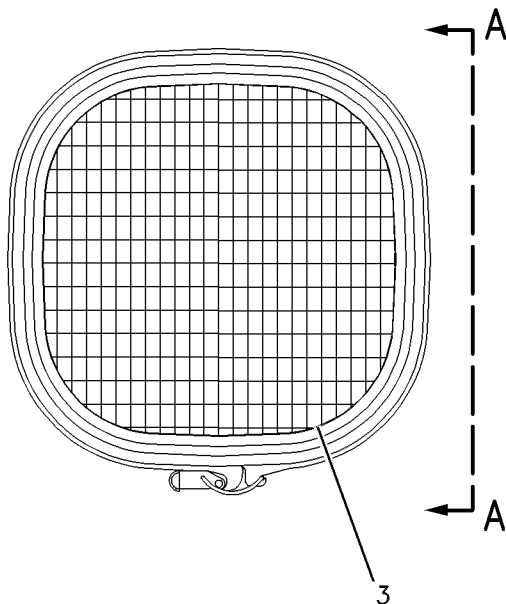
24-VOLT, 70-WATT

PART OF 225-6845 LIGHTING GP-FLOOD, 225-6999, 259-2095 LIGHTING GP-FLOOD
& SIGNAL
AN ATTACHMENT

SMCS-1429

i03412724

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, 70-WATT) (LOW BEAM)						
	2	1	158-0250	1	BODY AS-LAMP						
	3	1	162-2077	1	LENS AS (HEADLIGHT, LOW BEAM)						
	4	1	158-0252	1	BEZEL						
	5	1	188-8849	2	CLAMP						



GRAPHIC #1

<END>

g00514339

ELECTRICAL AND STARTING SYSTEM

327-8026 LAMP GP-INDICATOR

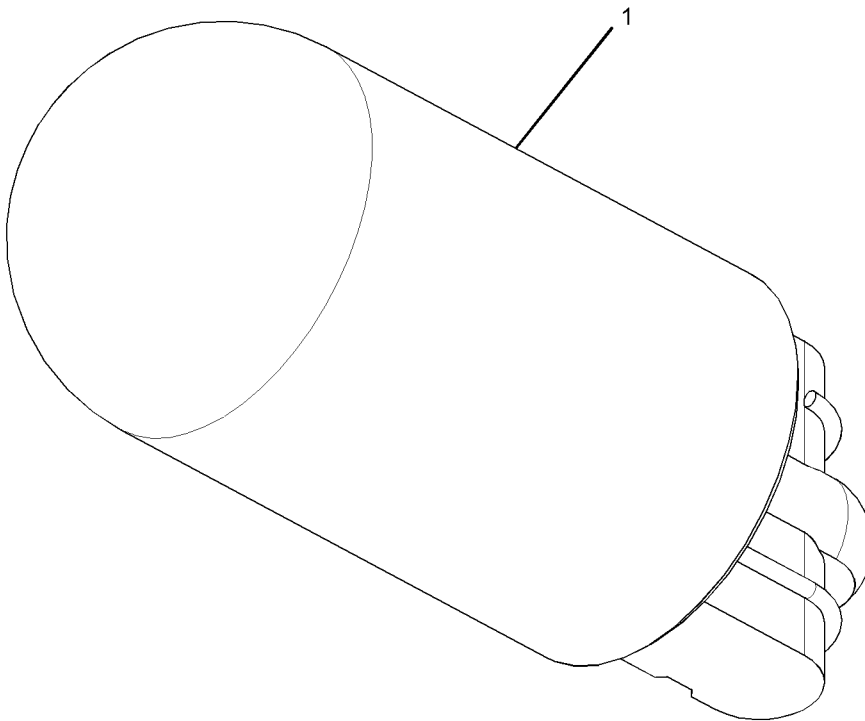
S/N: BXY1-UP

PART OF 132-6144 LINES GP-SECONDARY STEERING
AN ATTACHMENT

SMCS-7431

i03081060

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	163-1876	1	LAMP-LED (24-VOLT, RED) (RED)						



GRAPHIC #1

<END>

g01619276

ELECTRICAL AND STARTING SYSTEM

135-0426 LAMP GP-SIGNAL-STOP, TAIL

S/N: BXY1-UP

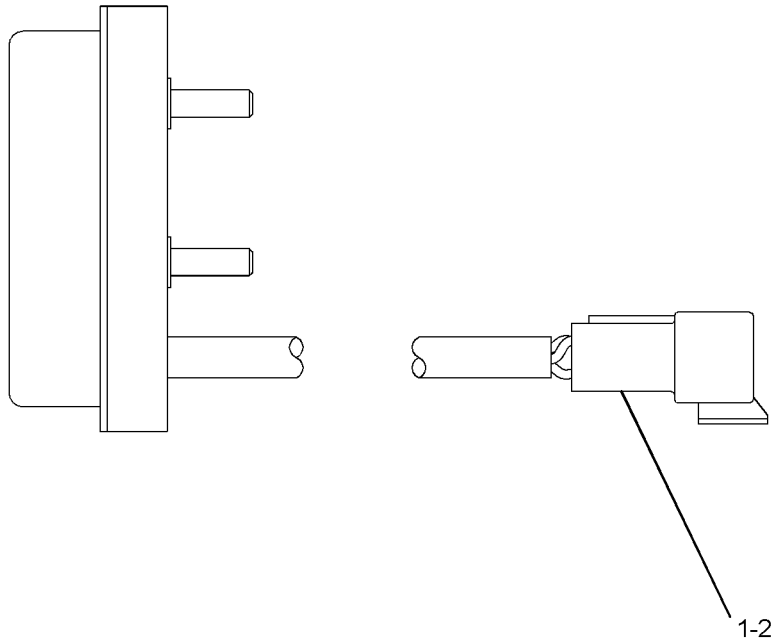
12-VOLT/24-VOLT

PART OF 225-6999, 259-2095, 345-0523 LIGHTING GP-FLOOD & SIGNAL, 296-6055,
8R-5645 LIGHTING GP-STOP, 224-9280 LIGHTING GP-STOP & TAIL
AN ATTACHMENT

SMCS-1430

i02427577

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>

g01213248

ELECTRICAL AND STARTING SYSTEM

199-3368 LAMP GP-SIGNAL

S/N: BXY1-2908

24-VOLT

PART OF 225-6999, 259-2095 LIGHTING GP-FLOOD & SIGNAL

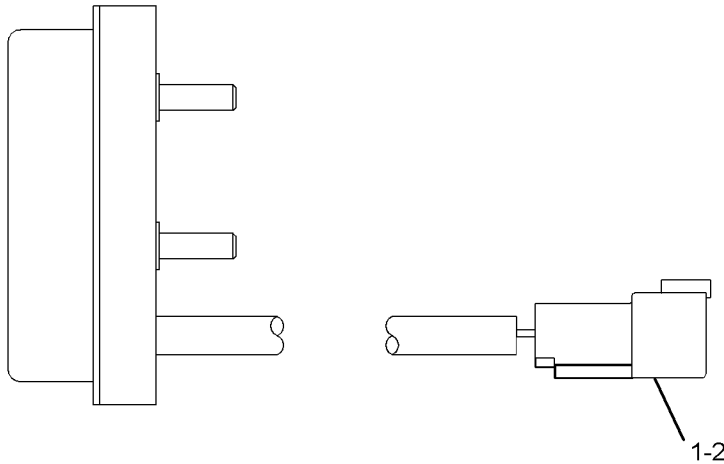
FIELD REPLACEMENT ORDER 334-5410-PAGE 343

AN ATTACHMENT

SMCS-1430

i02435050

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 AND WEDGE)	
	2	1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)	



GRAPHIC #1

<END>

g01217868

ELECTRICAL AND STARTING SYSTEM

334-5410 LAMP GP-SIGNAL-TURN

S/N: BXY2909-UP

12-VOLT, 24-VOLT

PART OF 225-6999, 345-0523 LIGHTING GP-FLOOD & SIGNAL

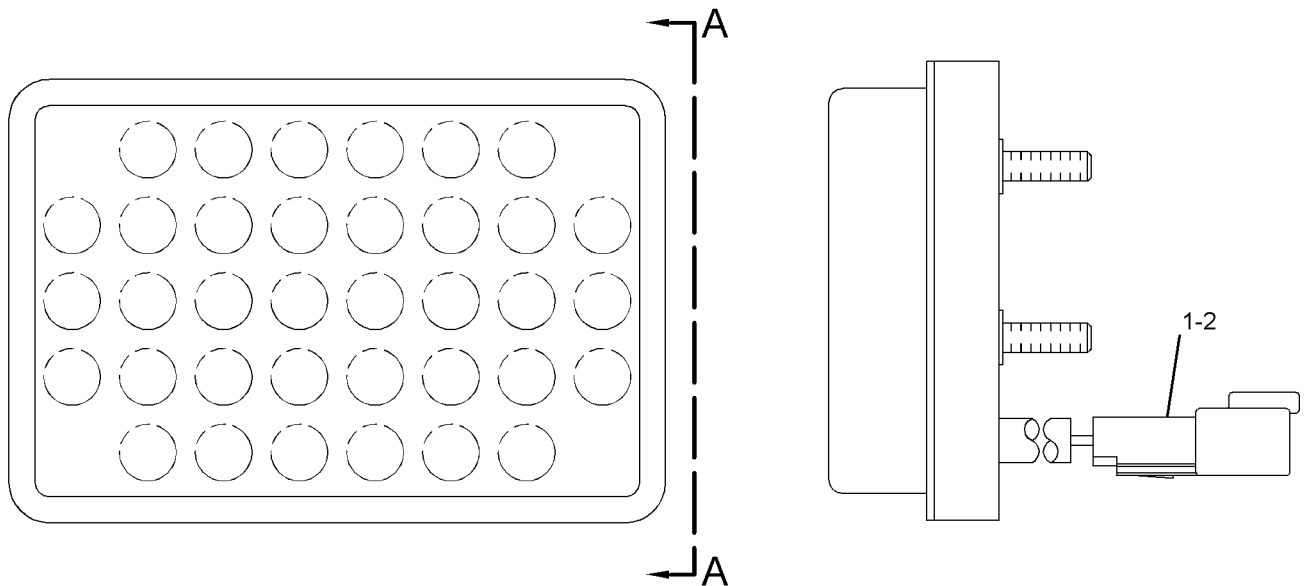
FIELD REPLACEMENT FOR 199-3368-PAGE 342

AN ATTACHMENT

SMCS-1430

i03368604

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>

g01756193

ELECTRICAL AND STARTING SYSTEM

235-3937 LAMP GP-WARNING BEACON-AMBER, ROTATING

S/N: BXY1-UP

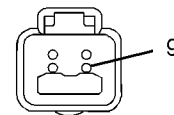
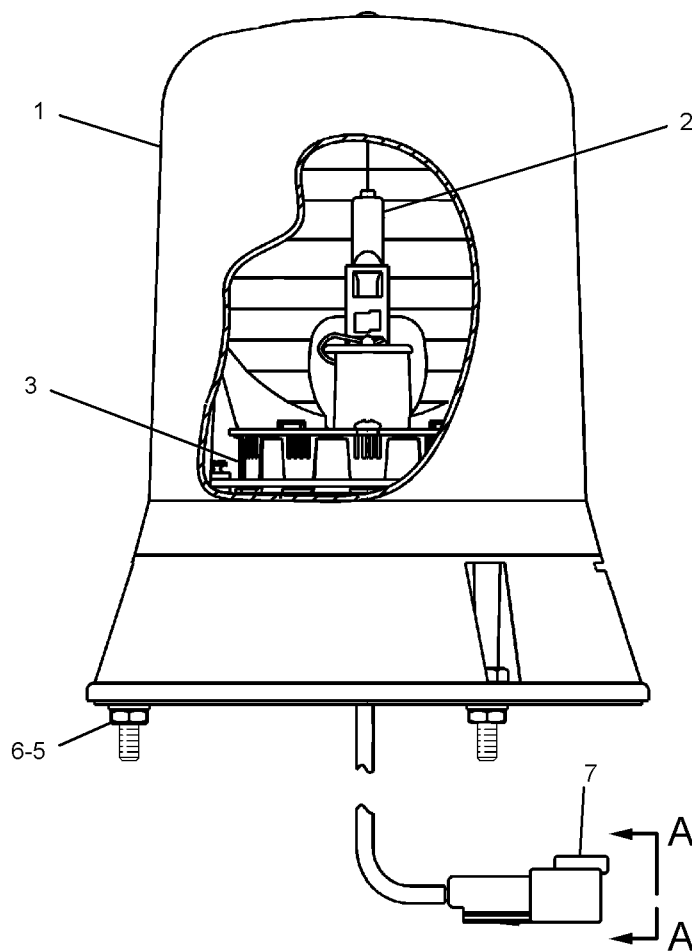
24-VOLT, 70-WATT

PART OF 227-3792, 231-9411, 325-0130 LIGHTING GP-WARNING BEACON
AN ATTACHMENT

SMCS-1431

i02761709

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



VIEW A-A

GRAPHIC #1

<END>

g01199570

ELECTRICAL AND STARTING SYSTEM

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

S/N: BXY4000-UP

12-VOLT, 24-VOLT

PART OF 350-9957, 350-9958 LIGHTING GP-WARNING BEACON

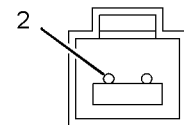
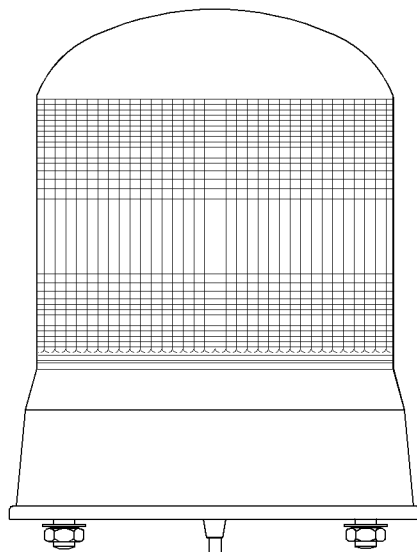
CANNOT BE USED WITH 235-3937-PAGE 344

AN ATTACHMENT

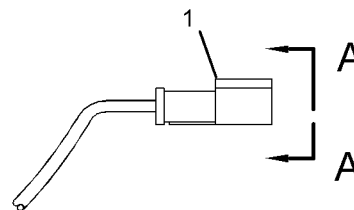
SMCS-1431

i02733504

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)						



VIEW A-A



GRAPHIC #1

<END>

g01373385

ELECTRICAL AND STARTING SYSTEM

285-6400 LIGHTING AR-FLOOD & SIGNAL

S/N: BXY1-UP
AN ATTACHMENT

SMCS-1430, 1434

i03793969

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	173-8466	1	HORN GP-ELECTRIC						1757
			S/N: BXY4000-UP						
Y	114-5186	1	LIGHTING GP-FLOOD (HOOD)						349
			S/N: BXY1-3999						
Y	345-0522	1	LIGHTING GP-FLOOD (HOOD)						365
			S/N: BXY4000-UP						
Y	231-6525	1	LIGHTING GP-FLOOD (CAB FRONT)						355
			S/N: BXY1-3999						
Y	346-3838	1	LIGHTING GP-FLOOD (CAB FRONT)						368
			S/N: BXY4000-UP						
Y	231-6526	1	LIGHTING GP-FLOOD (CAB FRONT, REAR)						356
			S/N: BXY1-3999						
Y	346-3840	1	LIGHTING GP-FLOOD (CAB FRONT, REAR)						369
			S/N: BXY4000-UP						
Y	225-6999	1	LIGHTING GP-FLOOD & SIGNAL						370
			S/N: BXY1-3999						
Y	345-0523	1	LIGHTING GP-FLOOD & SIGNAL						386
			S/N: BXY4000-UP						
Y	232-7610	1	SWITCH GP-SIGNAL						465
			S/N: BXY1-3999						
Y	350-9960	1	SWITCH GP-SIGNAL						467
			S/N: BXY4000-UP						
Y-SEPARATE ILLUSTRATION									
<END>									

230-5672 LIGHTING AR-SIGNAL

S/N: BXY1-UP

CANNOT BE USED WITH 230-5669 LIGHTING AR, 230-5671 LIGHTING AR, 230-5673
LIGHTING AR-SIGNAL
AN ATTACHMENT

SMCS-1430

i03814184

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	114-5186	1	LIGHTING GP-FLOOD (HOOD)						349
Y	231-6526	1	LIGHTING GP-FLOOD (CAB FRONT, REAR)						356
Y	225-6999	1	LIGHTING GP-FLOOD & SIGNAL						370
Y	232-7610	1	SWITCH GP-SIGNAL						465
Y-SEPARATE ILLUSTRATION									
<END>									

ELECTRICAL AND STARTING SYSTEM

230-5673 LIGHTING AR-SIGNAL

S/N: BXY1-UP

CANNOT BE USED WITH 230-5669 LIGHTING AR, 230-5671 LIGHTING AR, 230-5672
LIGHTING AR-SIGNAL
AN ATTACHMENT

SMCS-1430

i03814193

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	173-8466	1	HORN GP-ELECTRIC						1757
			S/N: BXY4000-UP						
Y	231-6526	1	LIGHTING GP-FLOOD (CAB FRONT, REAR)						356
			S/N: BXY1-3999						
Y	346-3840	1	LIGHTING GP-FLOOD (CAB FRONT, REAR)						369
			S/N: BXY4000-UP						
Y	259-5825	1	LIGHTING GP-FLOOD (HID, CAB FRONT)						358
			S/N: BXY1-3999						
Y	346-3833	1	LIGHTING GP-FLOOD (HID, CAB FRONT)						367
			S/N: BXY4000-UP						
Y	225-6993	1	LIGHTING GP-FLOOD (HID, HOOD)						353
			S/N: BXY1-1899						
Y	286-7925	1	LIGHTING GP-FLOOD (HID, HOOD)						361
			S/N: BXY1900-UP						
Y	114-5186	1	LIGHTING GP-FLOOD (HOOD)						349
			S/N: BXY1900-3999						
Y	345-0522	1	LIGHTING GP-FLOOD (HOOD)						365
			S/N: BXY4000-UP						
Y	259-2095	1	LIGHTING GP-FLOOD & SIGNAL						382
			S/N: BXY1-1899						
Y	225-6999	1	LIGHTING GP-FLOOD & SIGNAL						370
			S/N: BXY1900-3999						
Y	345-0523	1	LIGHTING GP-FLOOD & SIGNAL						386
			S/N: BXY4000-UP						
Y	232-7610	1	SWITCH GP-SIGNAL						465
			S/N: BXY1-3999						
Y	350-9960	1	SWITCH GP-SIGNAL						467
			S/N: BXY4000-UP						
Y-SEPARATE ILLUSTRATION									
<END>									

230-5669 LIGHTING AR-STOP & FLOOD

S/N: BXY1-UP

CANNOT BE USED WITH 230-5672 LIGHTING AR-SIGNAL, 230-5671 LIGHTING AR,
230-5673 LIGHTING AR-SIGNAL
AN ATTACHMENT

SMCS-1432, 1434

i03814251

			PART NAME						SEE
NOTE	PART NUMBER	QTY	1	2	3	4	5	6 (PRODUCT LEVEL)	PAGE
Y	114-5186	1	LIGHTING	GP-FLOOD	(HOOD)				349
Y	225-6845	1	LIGHTING	GP-FLOOD	(FRONT FENDERS)				351
Y	231-6526	1	LIGHTING	GP-FLOOD	(CAB FRONT, REAR)				356
Y	8R-5645	1	LIGHTING	GP-STOP	(REAR)				390
Y-SEPARATE ILLUSTRATION									
<END>									

ELECTRICAL AND STARTING SYSTEM

230-5671 LIGHTING AR-STOP & FLOOD- HIGH INTENSITY DISCHARGE

S/N: BXY1-UP

CANNOT BE USED WITH 230-5669-PAGE 347, 230-5672-PAGE 346
AN ATTACHMENT

SMCS-1432, 1434

i03814309

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	225-6993	1	LIGHTING GP-FLOOD (HID, HOOD)						353
Y	225-6845	1	LIGHTING GP-FLOOD (FRONT FENDERS)						351
Y	259-5825	1	LIGHTING GP-FLOOD (HID, CAB FRONT)						358
Y	231-6526	1	LIGHTING GP-FLOOD (CAB FRONT, REAR)						356
Y	224-9280	1	LIGHTING GP-STOP & TAIL (HID, RADIATOR GUARD)						392

Y-SEPARATE ILLUSTRATION

<END>

285-6399 LIGHTING AR-STOP & FLOOD

S/N: BXY1-UP

AN ATTACHMENT

SMCS-1432, 1434

i03793069

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	173-8466	1	HORN GP-ELECTRIC						1757
			S/N: BXY4000-UP						
Y	114-5186	1	LIGHTING GP-FLOOD (HOOD)						349
			S/N: BXY1900-3999						
Y	345-0522	1	LIGHTING GP-FLOOD (HOOD)						365
			S/N: BXY4000-UP						
Y	225-6845	1	LIGHTING GP-FLOOD (FRONT FENDERS)						351
			S/N: BXY1900-3999						
Y	345-0519	1	LIGHTING GP-FLOOD (FRONT FENDERS)						363
			S/N: BXY4000-UP						
Y	231-6525	1	LIGHTING GP-FLOOD (CAB FRONT)						355
			S/N: BXY1900-3999						
Y	346-3838	1	LIGHTING GP-FLOOD (CAB FRONT)						368
			S/N: BXY4000-UP						
Y	231-6526	1	LIGHTING GP-FLOOD (CAB FRONT, REAR)						356
			S/N: BXY1900-3999						
Y	346-3840	1	LIGHTING GP-FLOOD (CAB FRONT, REAR)						369
			S/N: BXY4000-UP						
Y	8R-5645	1	LIGHTING GP-STOP (REAR)						390
			S/N: BXY1-1899						
Y	296-6055	1	LIGHTING GP-STOP (REAR)						391
			S/N: BXY1900-UP						

Y-SEPARATE ILLUSTRATION

<END>

ELECTRICAL AND STARTING SYSTEM

114-5186 LIGHTING GP-FLOOD-HOOD

S/N: BXY1-UP

PART OF 285-6400 LIGHTING AR-FLOOD & SIGNAL, 230-5672, 230-5673 LIGHTING
AR-SIGNAL, 230-5669, 285-6399 LIGHTING AR-STOP & FLOOD
AN ATTACHMENT

SMCS-1434

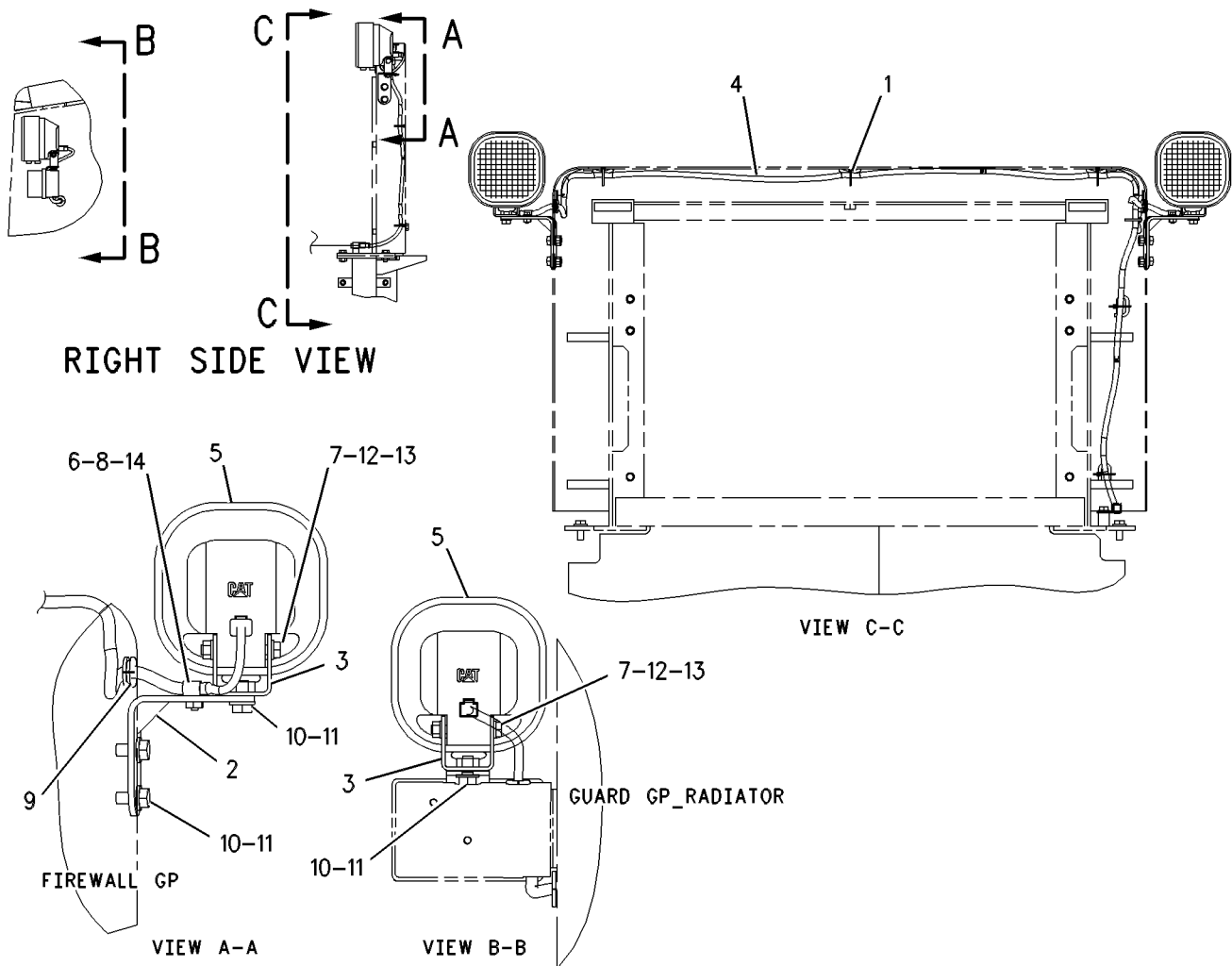
i01412014

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	6	STRAP-CABLE						
	2	1	8R-7102	2	BRACKET AS						
					(EACH INCLUDES)						
M		1	6V-9632	1	NUT-WELD (M6X1-THD)						
	3	1	140-1088	4	BRACKET AS						
					(EACH INCLUDES)						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	4	1	141-8713	1	HARNESS AS-LIGHTING (FLOOD)						
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
					(INCLUDES PLUG AS & WEDGE)						
Y	5	1	153-2073	4	LAMP GP-FLOOD (24-VOLT)						328
	6	1	2V-3216	2	CLIP						
M	7	1	5C-7261	4	NUT (M8X1.25-THD)						
M	8	1	5C-9553	2	BOLT (M6X1X16-MM)						
	9	1	5P-8439	2	GROMMET						
	10	1	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)						
M	11	1	8T-4137	8	BOLT (M10X1.5X20-MM)						
	12	1	8T-4224	8	WASHER-HARD (8.8X16X2-MM THK)						
M	13	1	8T-6869	4	BOLT (M8X1.25X60-MM)						
	14	1	9X-8256	2	WASHER (6.6X12X2-MM THK)						
M-METRIC PART											
Y-SEPARATE ILLUSTRATION											

ELECTRICAL AND STARTING SYSTEM

114-5186 LIGHTING GP-FLOOD (contd.)

i01412014



GRAPHIC #1

<END>

g00523357

ELECTRICAL AND STARTING SYSTEM

225-6845 LIGHTING GP-FLOOD-FRONT FENDERS

S/N: BXY1-UP

PART OF 230-5669, 230-5671, 285-6399 LIGHTING AR-STOP & FLOOD
AN ATTACHMENT

SMCS-1434

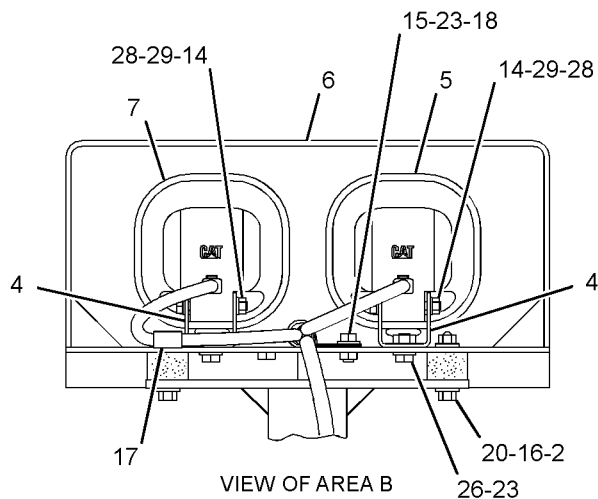
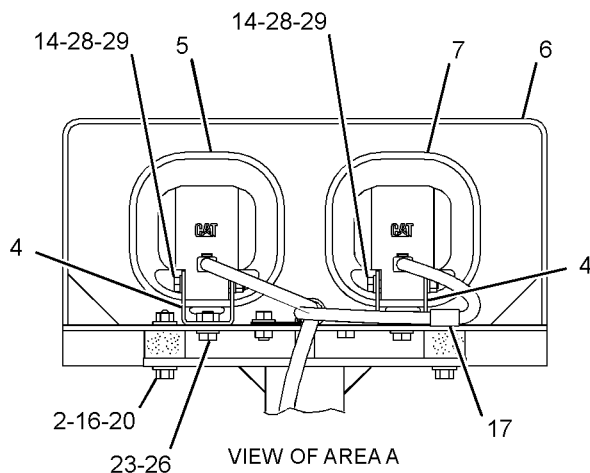
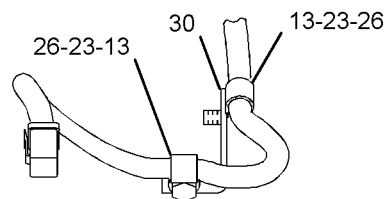
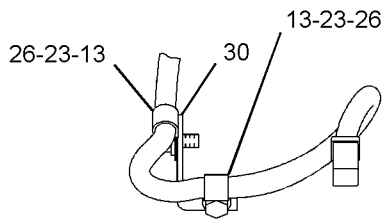
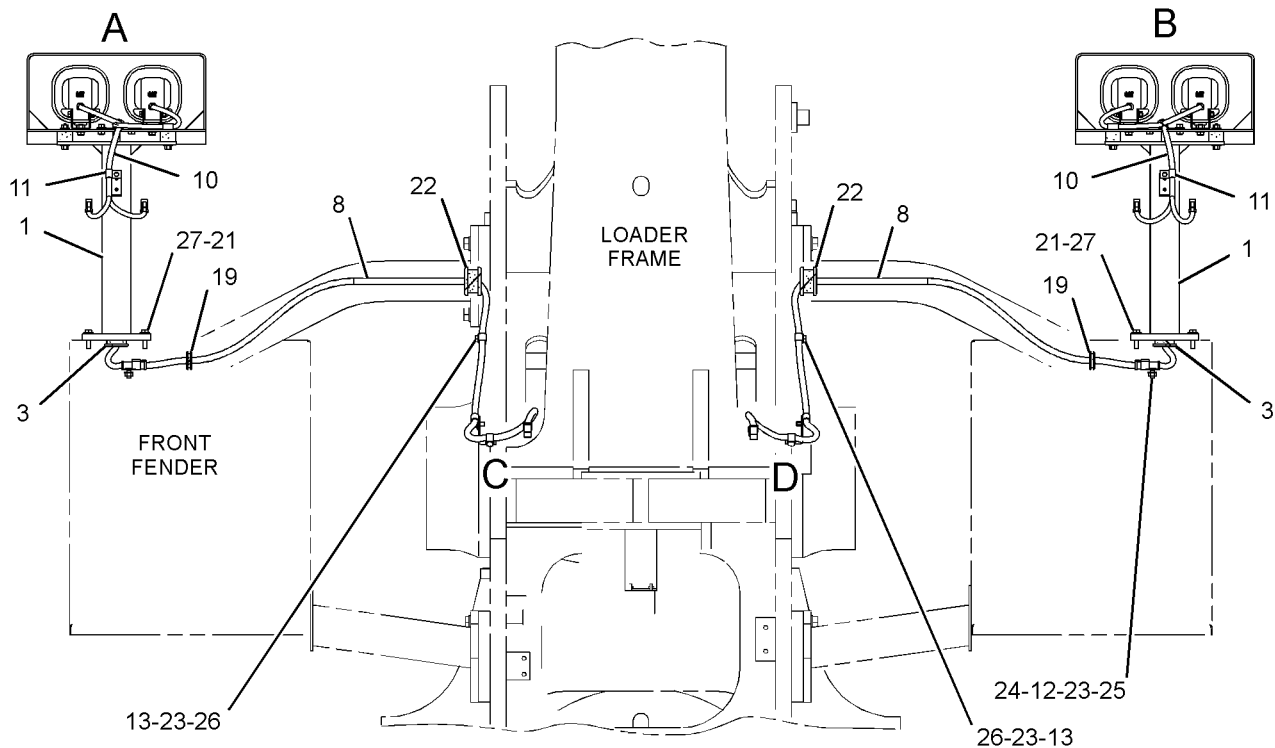
i02928822

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	4E-9609	2	BRACKET AS	
	2	1	9W-4361	8	MOUNT-FLEXIBLE	
	3	1	137-5109	2	GROMMET-SPLIT	
	4	1	140-1088	4	BRACKET AS	
					(EACH INCLUDES)	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
Y	5	1	153-2073	2	LAMP GP-FLOOD (24-VOLT)	328
	6	1	154-6518	2	GUARD AS	
					(EACH INCLUDES)	
		1	1F-0750	2	NUT-WELD (3/8-16-THD)	
Y	7	1	161-3509	2	LAMP GP-HEAD (24-VOLT)	339
	8	1	260-0447	2	HARNESS AS-LIGHTING	
					(EACH INCLUDES)	
		1	155-2274	2	KIT-CONNECTING PLUG (6-PIN)	
		1	155-2274	2	KIT-CONNECTING PLUG (6-PIN)	
					(EACH KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
10	1		260-0443	2	HARNESS AS-LIGHTING (FLOODLIGHT)	
					(EACH INCLUDES)	
		1	102-8806	1	KIT-RECEPTACLE (8-PIN)	
		1	102-8806	1	KIT-RECEPTACLE (8-PIN)	
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2270	4	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2270	4	KIT-CONNECTING PLUG (2-PIN)	
					(EACH KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
	11	1	033-8248	2	CLIP	
	12	1	130-5300	2	CLIP	
	13	1	4K-8864	6	CLIP	
M	14	1	5C-7261	4	NUT (M8X1.25-THD)	
	15	1	5M-3062	2	BOLT (3/8-16X0.75-IN)	
	16	1	5P-1075	16	WASHER-HARD (10.2X22.5X3-MM THK)	
	17	1	5P-9297	2	CLIP	
	18	1	8S-0948	2	CLIP	
	19	1	6P-6641	2	GROMMET	
	20	1	6V-8801	16	NUT (3/8-16-THD)	
	21	1	7X-7729	8	WASHER (11X25X3-MM THK)	
	22	1	8J-3415	2	GROMMET	
	23	1	8T-4121	16	WASHER-HARD (11X21X2.5-MM THK)	
M	24	1	8T-4133	2	NUT (M10X1.5-THD)	
M	25	1	8T-4136	2	BOLT (M10X1.5X25-MM)	
M	26	1	8T-4137	10	BOLT (M10X1.5X20-MM)	
M	27	1	8T-4186	8	BOLT (M10X1.5X40-MM)	
	28	1	8T-4224	8	WASHER-HARD (8.8X16X2-MM THK)	
M	29	1	8T-6869	4	BOLT (M8X1.25X60-MM)	
	30	1	144-4613	2	ANGLE AS	
					(EACH INCLUDES)	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
M-METRIC PART						
Y-SEPARATE ILLUSTRATION						

ELECTRICAL AND STARTING SYSTEM

225-6845 LIGHTING GP-FLOOD (contd.)

i02928822



GRAPHIC #1

<END>

g01454316

ELECTRICAL AND STARTING SYSTEM

225-6993 LIGHTING GP-FLOOD-HID, HOOD

S/N: BXY1-UP

PART OF 230-5673 LIGHTING AR-SIGNAL, 230-5671 LIGHTING AR-STOP & FLOOD
AN ATTACHMENT

SMCS-1434

i02386860

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8R-7102	2	BRACKET AS						
					(EACH INCLUDES)						
M		1	6V-9632	1	NUT-WELD (M6X1-THD)						
	2	1	9X-6772	6	STRAP-CABLE						
	3	1	140-1088	2	BRACKET AS						
					(EACH INCLUDES)						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	4	1	141-8713	1	HARNESS AS-LIGHTING						
		1	155-2270	3	KIT-CONNECTING PLUG (2-PIN)						
					(EACH KIT INCLUDES PLUG AS AND WEDGE)						
Y	5	1	153-2073	2	LAMP GP-FLOOD (24-VOLT)						328
Y	6	1	210-8423	2	LAMP GP-FLOOD (24-VOLT, 35-WATT, HID) (HIGH INTENSITY DISCHARGE, REAR)						329
	7	1	2V-3216	2	CLIP						
M	8	1	5C-7261	2	NUT (M8X1.25-THD)						
M	9	1	5C-9553	2	BOLT (M6X1X16-MM)						
	10	1	5P-8439	2	GROMMET						
	11	1	5P-9085	2	CLIP						
	12	1	8T-4121	10	WASHER-HARD (11X21X2.5-MM THK)						
M	13	1	8T-4137	10	BOLT (M10X1.5X20-MM)						
	14	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)						
M	15	1	8T-6869	2	BOLT (M8X1.25X60-MM)						
	16	1	9X-8256	2	WASHER (6.6X12X2-MM THK)						

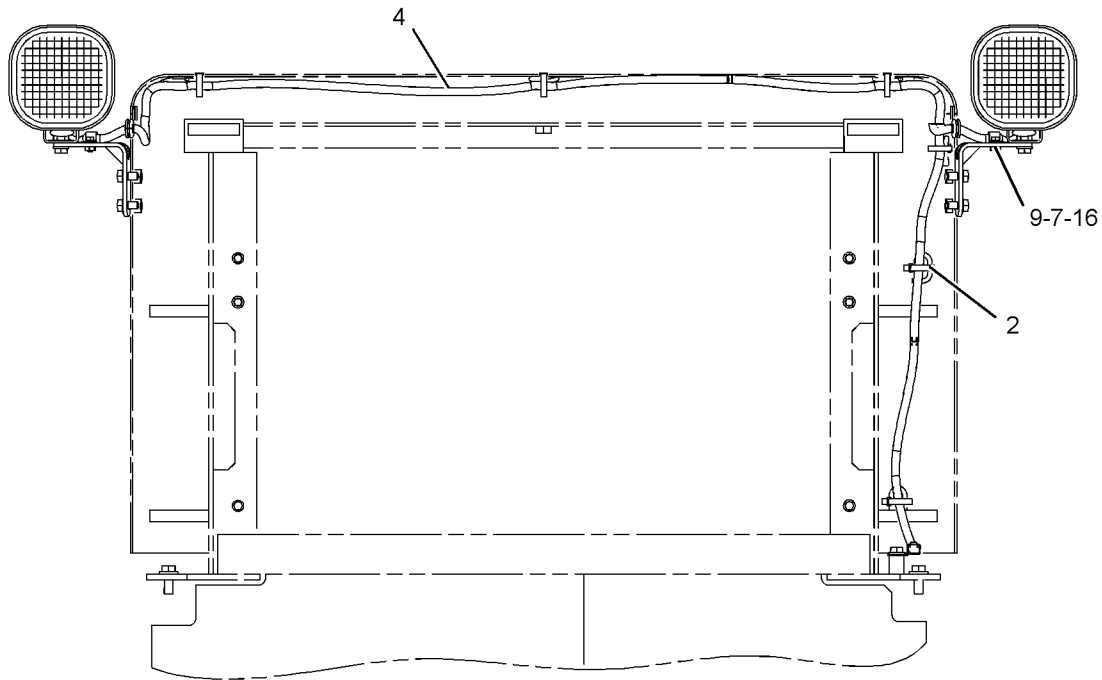
M-METRIC PART

Y-SEPARATE ILLUSTRATION

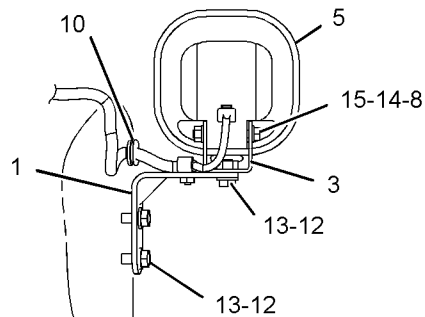
ELECTRICAL AND STARTING SYSTEM

225-6993 LIGHTING GP-FLOOD (contd.)

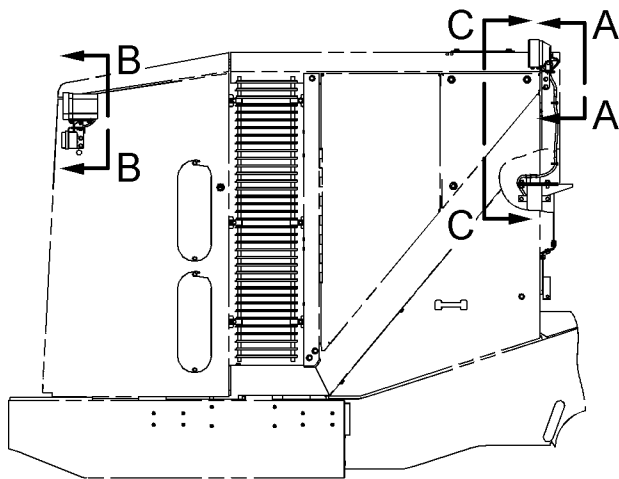
i02386860



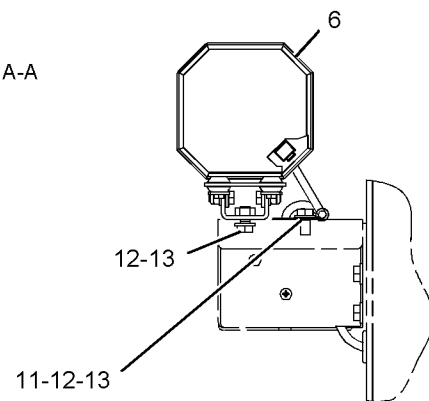
VIEW C-C



VIEW A-A



RIGHT SIDE VIEW



VIEW B-B

GRAPHIC #1

<END>

g01023060

ELECTRICAL AND STARTING SYSTEM

231-6525 LIGHTING GP-FLOOD-CAB FRONT

S/N: BXY1-UP

PART OF 285-6400 LIGHTING AR-FLOOD & SIGNAL, 285-6399 LIGHTING AR-STOP & FLOOD

FOR USE WITH 230-5669-PAGE 347, 230-5672-PAGE 346. CANNOT BE USED WITH
230-5671-PAGE 348, 230-5673-PAGE 347, 230-5673-PAGE 347
AN ATTACHMENT

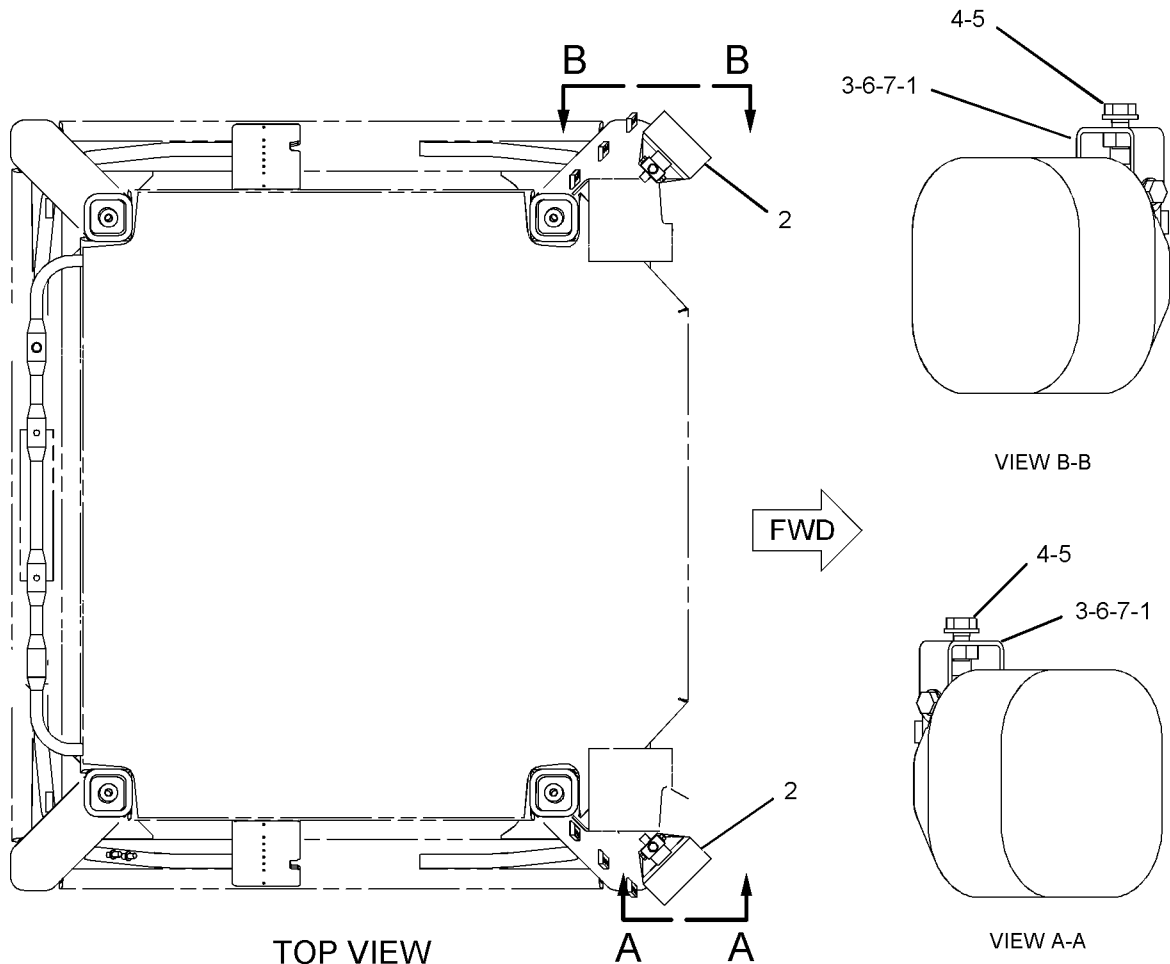
SMCS-1434

i01967940

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	140-1088	2	BRACKET AS						
					(EACH INCLUDES)						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
		1	115-0617	1	BRACKET						
Y	2	1	147-0319	2	LAMP GP-FLOOD (24-VOLT, 65-WATT)						327
M	3	1	5C-7261	2	NUT (M8X1.25-THD)						
	4	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
M	5	1	8T-4137	2	BOLT (M10X1.5X20-MM)						
	6	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)						
M	7	1	8T-6869	2	BOLT (M8X1.25X60-MM)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



g01023678

ELECTRICAL AND STARTING SYSTEM

231-6526 LIGHTING GP-FLOOD-CAB FRONT, REAR

S/N: BXY1-UP

PART OF 285-6400 LIGHTING AR-FLOOD & SIGNAL, 230-5672, 230-5673 LIGHTING
AR-SIGNAL, 230-5669, 230-5671, 285-6399 LIGHTING AR-STOP & FLOOD
AN ATTACHMENT

SMCS-1434

i03627102

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2W-7940	2	BRACKET						
	2	1	140-1088	2	BRACKET AS						
					(EACH INCLUDES)						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	3	1	193-5572	2	BRACKET AS						
					(EACH INCLUDES)						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
Y	4	1	147-0319	4	LAMP GP-FLOOD (24-VOLT, 65-WATT) (CAB FLOOD)						327
M	5	1	5C-7261	4	NUT (M8X1.25-THD)						
	6	1	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)						
M	7	1	8T-4136	4	BOLT (M10X1.5X25-MM)						
M	8	1	8T-4137	2	BOLT (M10X1.5X20-MM)						
	9	1	8T-4224	8	WASHER-HARD (8.8X16X2-MM THK)						
M	10	1	8T-6869	4	BOLT (M8X1.25X60-MM)						
M	11	1	8T-4133	2	NUT (M10X1.5-THD)						

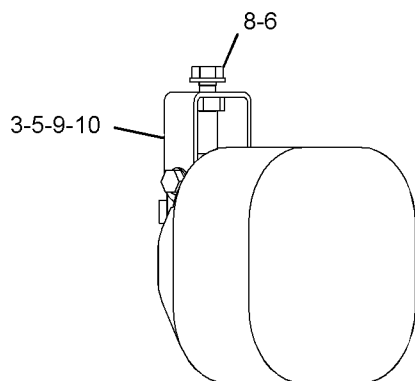
M-METRIC PART

Y-SEPARATE ILLUSTRATION

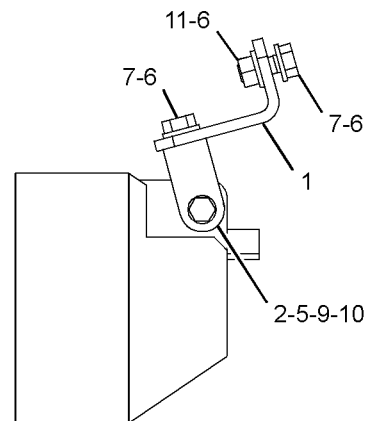
ELECTRICAL AND STARTING SYSTEM

231-6526 LIGHTING GP-FLOOD (contd.)

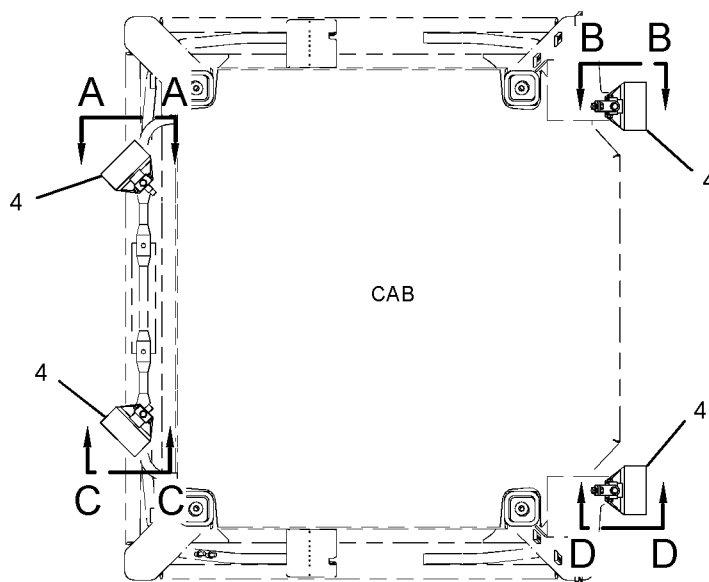
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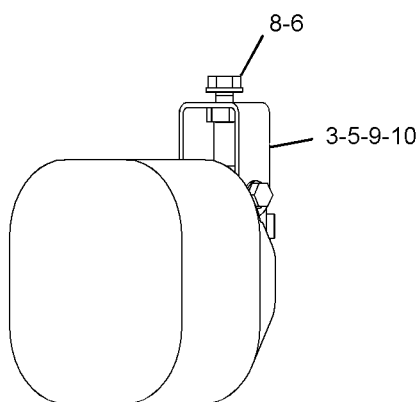
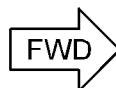
VIEW A-A



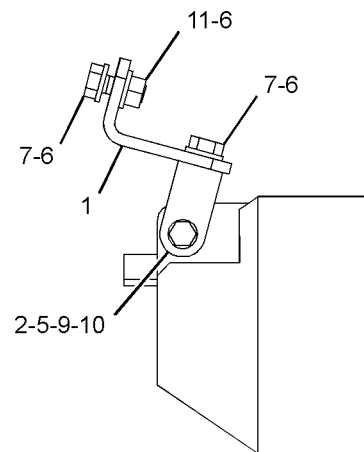
VIEW B-B



TOP VIEW



VIEW C-C



VIEW D-D

GRAPHIC #1

<END>

g02051294

ELECTRICAL AND STARTING SYSTEM

259-5825 LIGHTING GP-FLOOD-HID, CAB FRONT

S/N: BXY1-UP

PART OF 230-5673 LIGHTING AR-SIGNAL, 230-5671 LIGHTING AR-STOP & FLOOD
AN ATTACHMENT

SMCS-1434

i02380584

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	229-2106	1	SWITCH GP-ROCKER (FLOODLIGHTS, FRONT) (HIGH INTENSITY DISCHARGE)	
		1	223-8975	1	SWITCH AS-ROCKER (24-VOLT) (HID FLOODLIGHTS, FRONT)	
Y	2	1	247-0293	2	LAMP GP-FLOOD (24-VOLT, HID)	331
Y	3	1	247-0294	2	LAMP GP-FLOOD (24-VOLT, HID)	332
	4	1	256-1142	1	BRACKET	
	5	1	256-1143	1	BRACKET	
	6	1	196-0342	4	SETSCREW (M12X1.75X30-MM)	
	7	1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)	
M	8	1	8T-4186	4	BOLT (M10X1.5X40-MM)	
	9	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)	

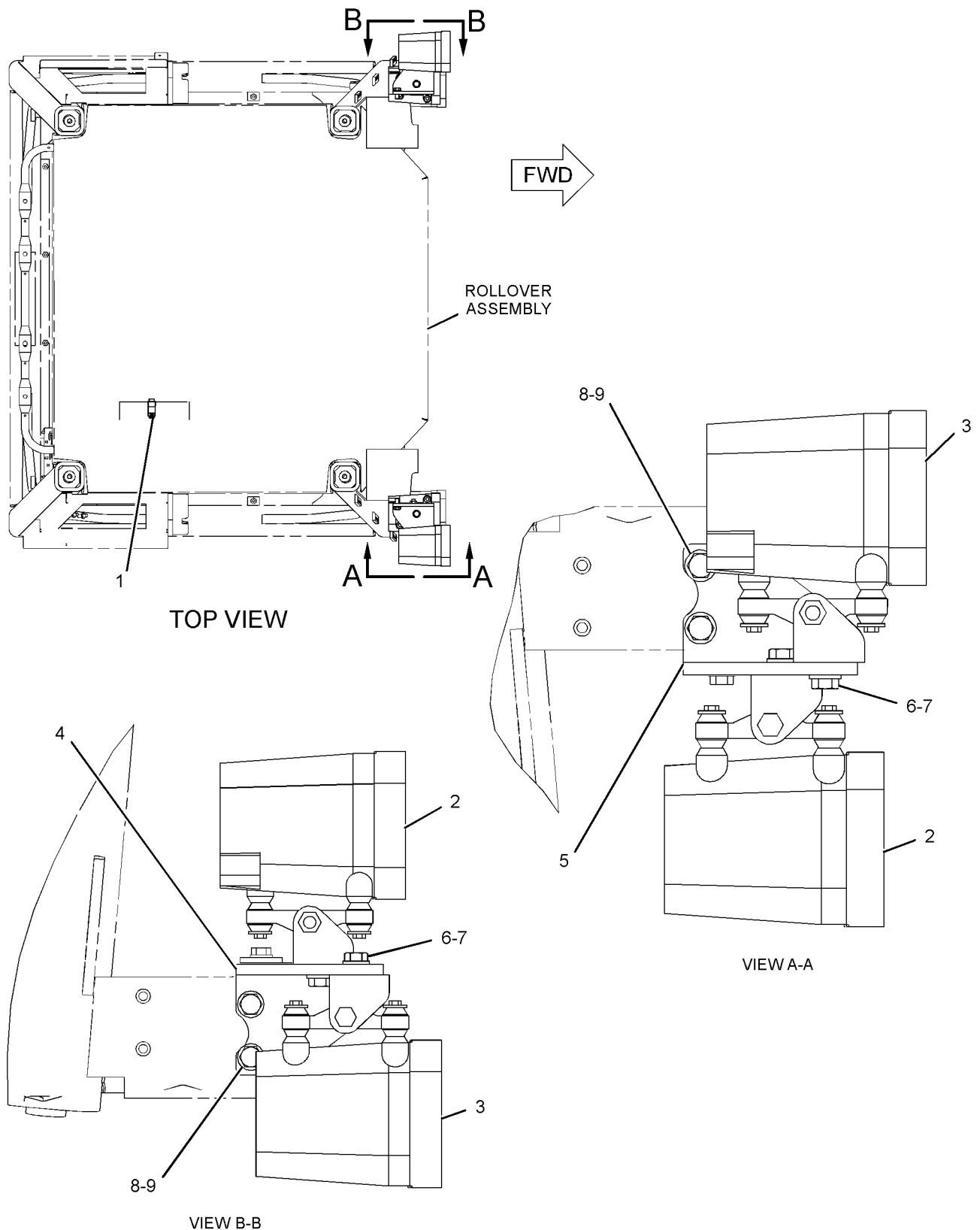
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

259-5825 LIGHTING GP-FLOOD (contd.)

i02380584



GRAPHIC #1

<END>

g01189365

ELECTRICAL AND STARTING SYSTEM

259-5825 LIGHTING GP-FLOOD-HID, CAB FRONT

S/N: BXY1-3999

PART OF 230-5673 LIGHTING AR-SIGNAL
AN ATTACHMENT

SMCS-1434

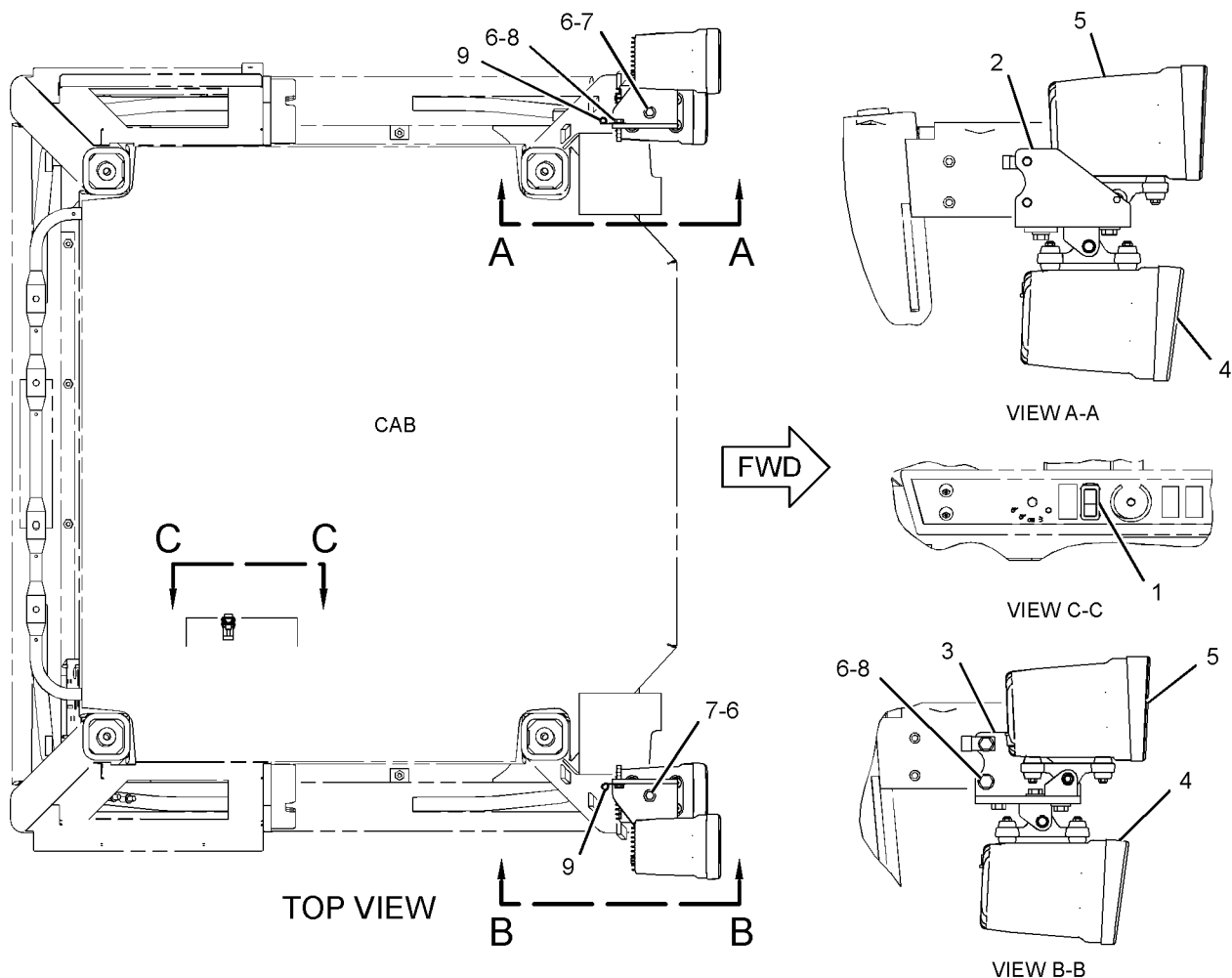
i03477122

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	223-8975	1	SWITCH AS-ROCKER (24-VOLT) (HID FLOODLIGHTS, FRONT)	
	2	1	256-1142	1	BRACKET	
	3	1	256-1143	1	BRACKET	
CY	4	1	277-0467	2	LAMP GP-FLOOD (24-VOLT, 35-WATT, HID)	335
CY	5	1	277-0468	2	LAMP GP-FLOOD (24-VOLT, HID)	336
	6	1	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)	
CM	7	1	8T-4136	4	BOLT (M10X1.5X25-MM)	
M	8	1	8T-4186	4	BOLT (M10X1.5X40-MM)	
	9	1	6V-3265	2	CLIP	

C-CHANGE FROM PREVIOUS TYPE

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01944805

ELECTRICAL AND STARTING SYSTEM

286-7925 LIGHTING GP-FLOOD-HID, HOOD

S/N: BXY1900-3999

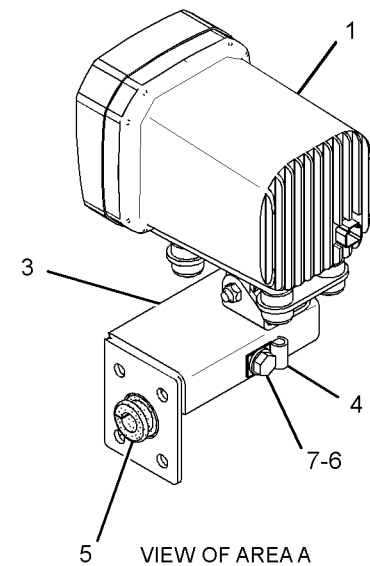
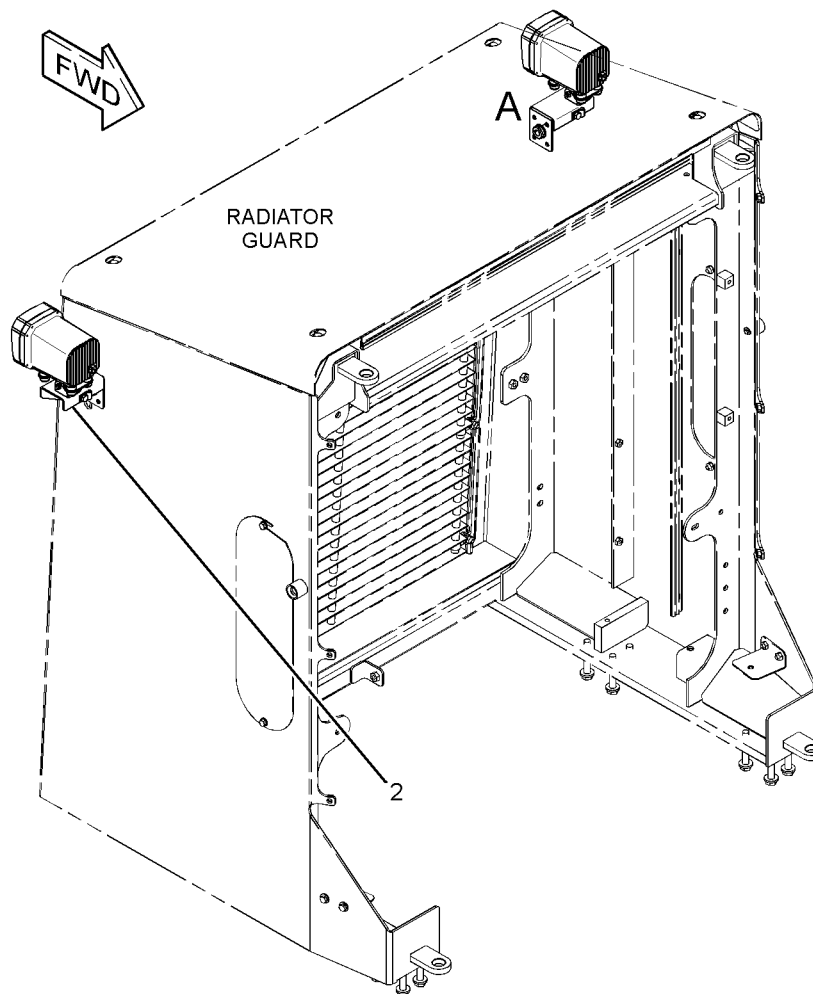
PART OF 230-5673 LIGHTING AR-SIGNAL
AN ATTACHMENT

SMCS-1434

i02673354

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	277-0468	2	LAMP GP-FLOOD (24-VOLT, HID)	336
	2	1	283-9815	1	BRACKET AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	3	1	285-5531	1	BRACKET AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	4	1	5P-9085	2	CLIP	
	5	1	7X-4780	2	GROMMET	
	6	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)	
M	7	1	8T-4137	4	BOLT (M10X1.5X20-MM)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01350688

ELECTRICAL AND STARTING SYSTEM

286-7925 LIGHTING GP-FLOOD-HID, HOOD

S/N: BXY4000-UP

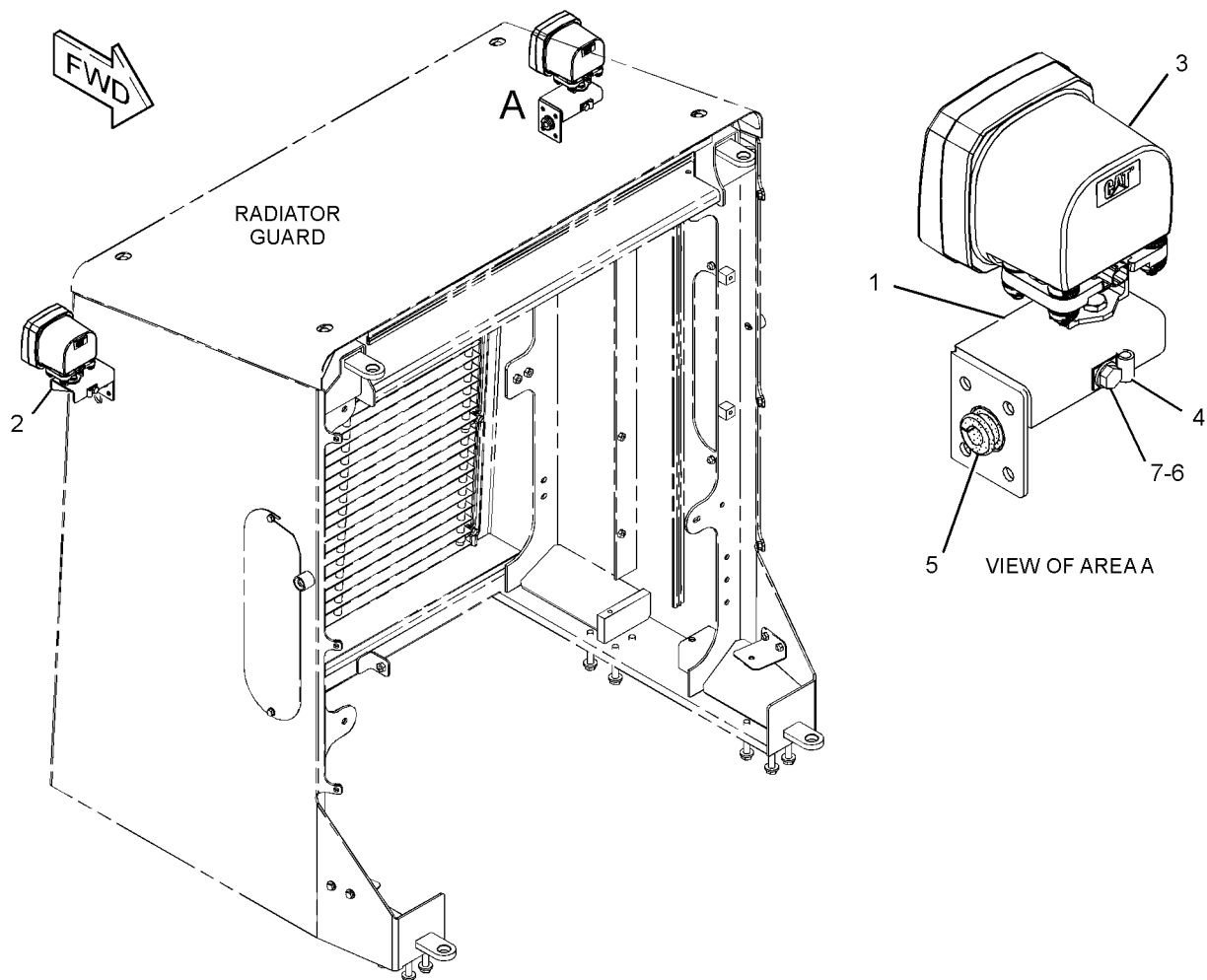
PART OF 230-5673 LIGHTING AR-SIGNAL
AN ATTACHMENT

SMCS-1434

i03789473

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	283-9815	1	BRACKET AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	2	1	285-5531	1	BRACKET AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
CY	3	1	347-9427	2	LAMP GP-FLOOD (24-VOLT, 35-WATT, HID)						338
	4	1	5P-9085	2	CLIP						
	5	1	7X-4780	2	GROMMET						
C	6	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
CM	7	1	8T-4137	2	BOLT (M10X1.5X20-MM)						

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



GRAPHIC #1

<END>

g02061555

ELECTRICAL AND STARTING SYSTEM

345-0519 LIGHTING GP-FLOOD-FRONT FENDERS

S/N: BXY4000-UP

PART OF 285-6399 LIGHTING AR-STOP & FLOOD
AN ATTACHMENT

SMCS-1434

i03793140

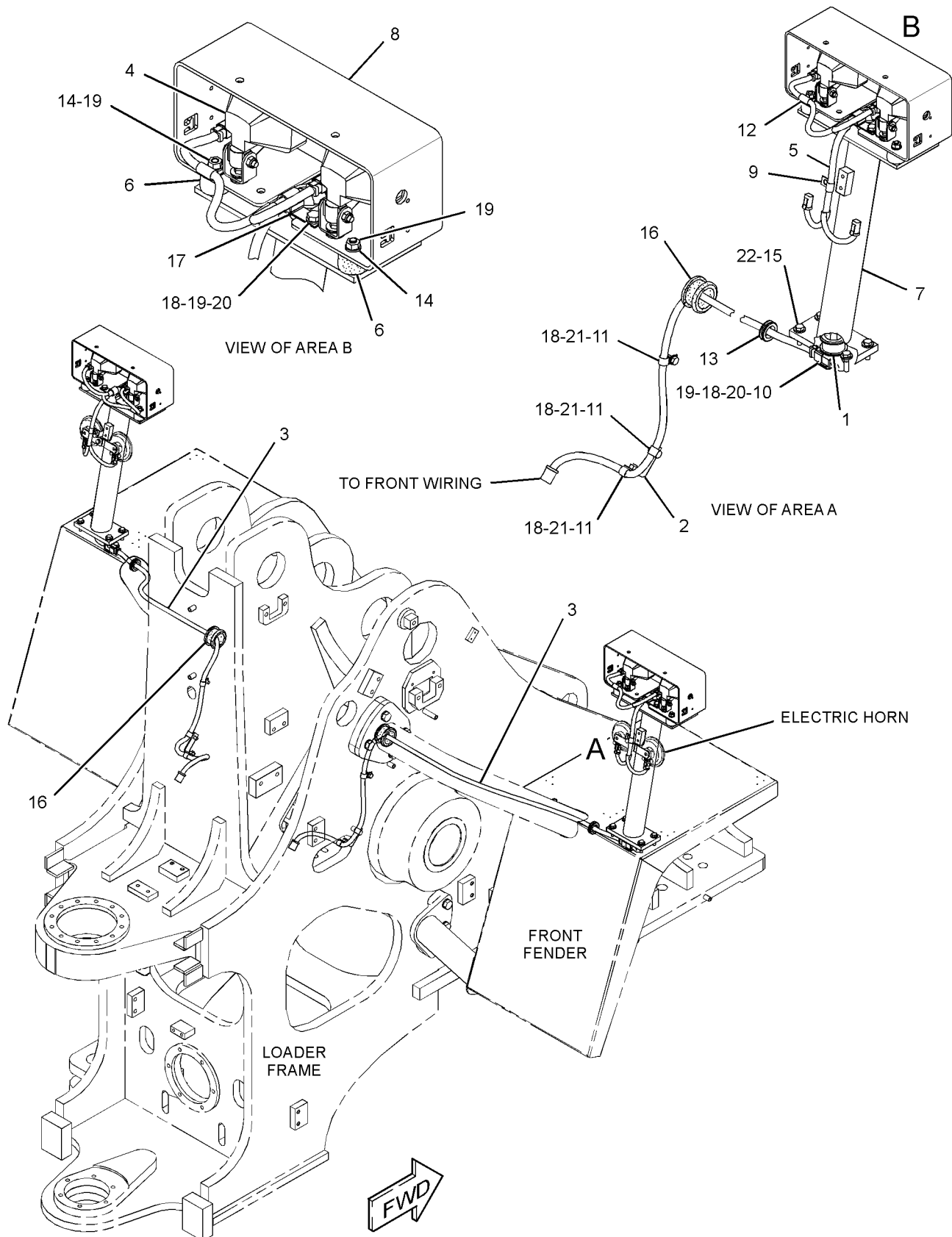
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	137-5109	2	GROMMET-SPLIT	
	2	1	144-4613	2	ANGLE AS	
					(EACH INCLUDES)	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	3	1	260-0447	2	HARNESS AS-LIGHTING	
					(EACH INCLUDES)	
		1	155-2274	2	KIT-CONNECTING PLUG (6-PIN)	
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
		1	8T-8737	12	PLUG-SEAL	
E		1	114-8843		SLEEVE-PLASTIC (40-CM)	
Y	4	1	272-6641	4	LAMP GP-FLOOD (24-VOLT)	334
	5	1	309-2740	2	HARNESS AS-LIGHTING (FRONT FLOOD, HORN)	
					(EACH INCLUDES)	
		1	155-2270	4	KIT-CONNECTING PLUG (2-PIN)	
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	9X-3401	2	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	126-1767	2	PIN-CONNECTOR (14-GA)	
		1	8T-8737	2	PLUG-SEAL	
E		1	114-8843		SLEEVE-PLASTIC (100-CM)	
		1	9X-3402	3	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		1	126-1768	5	SOCKET-CONNECTOR (14-GA)	
E		1	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (13-CM)	
E		1	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (5-CM)	
	6	1	330-5646	8	MOUNT	
	7	1	331-9011	2	BRACKET AS	
	8	1	337-5191	2	BRACKET	
	9	1	033-8248	2	CLIP	
	10	1	130-5300	2	CLIP	
	11	1	4K-8864	6	CLIP	
	12	1	5P-9297	2	CLIP	
	13	1	6P-6641	2	GROMMET	
	14	1	6V-5839	16	WASHER (11X21X2.5-MM THK)	
	15	1	7X-7729	8	WASHER (11X25X3-MM THK)	
	16	1	8J-3415	2	GROMMET	
	17	1	8S-0948	2	CLIP	
	18	1	8T-4121	14	WASHER-HARD (11X21X2.5-MM THK)	
M	19	1	8T-4133	20	NUT (M10X1.5-THD)	
M	20	1	8T-4136	4	BOLT (M10X1.5X25-MM)	
M	21	1	8T-4137	6	BOLT (M10X1.5X20-MM)	
M	22	1	8T-4186	8	BOLT (M10X1.5X40-MM)	

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

ELECTRICAL AND STARTING SYSTEM

345-0519 LIGHTING GP-FLOOD (contd.)

i03793140



GRAPHIC #1

<END>

g02060062

ELECTRICAL AND STARTING SYSTEM

345-0522 LIGHTING GP-FLOOD-HOOD

S/N: BXY4000-UP

PART OF 285-6400 LIGHTING AR-FLOOD & SIGNAL, 230-5673 LIGHTING AR-SIGNAL,
285-6399 LIGHTING AR-STOP & FLOOD

AN ATTACHMENT

SMCS-1434

i03792154

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	6	STRAP-CABLE						
	2	1	8R-7102	2	BRACKET AS						
					(EACH INCLUDES)						
M		1	6V-9632	1	NUT-WELD (M6X1-THD)						
	3	1	141-8713	1	HARNESS AS-LIGHTING						
		1	8T-8730	6	SOCKET-CONNECTOR (16-GA TO 18-GA)						
E		1	114-8843		SLEEVE-PLASTIC (20-CM)						
E		1	114-8845		SLEEVE-PLASTIC (40-CM)						
E		1	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (10-CM)						
		1	155-2270	3	KIT-CONNECTING PLUG (2-PIN)						
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
Y	4	1	272-6641	4	LAMP GP-FLOOD (24-VOLT)						334
	5	1	2V-3216	2	CLIP						
M	6	1	5C-9553	2	BOLT (M6X1X16-MM)						
	7	1	5P-8439	2	GROMMET						
	8	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	9	1	8T-4137	4	BOLT (M10X1.5X20-MM)						
	10	1	9X-8256	2	WASHER (6.6X12X2-MM THK)						

E-ORDER BY THE CENTIMETER

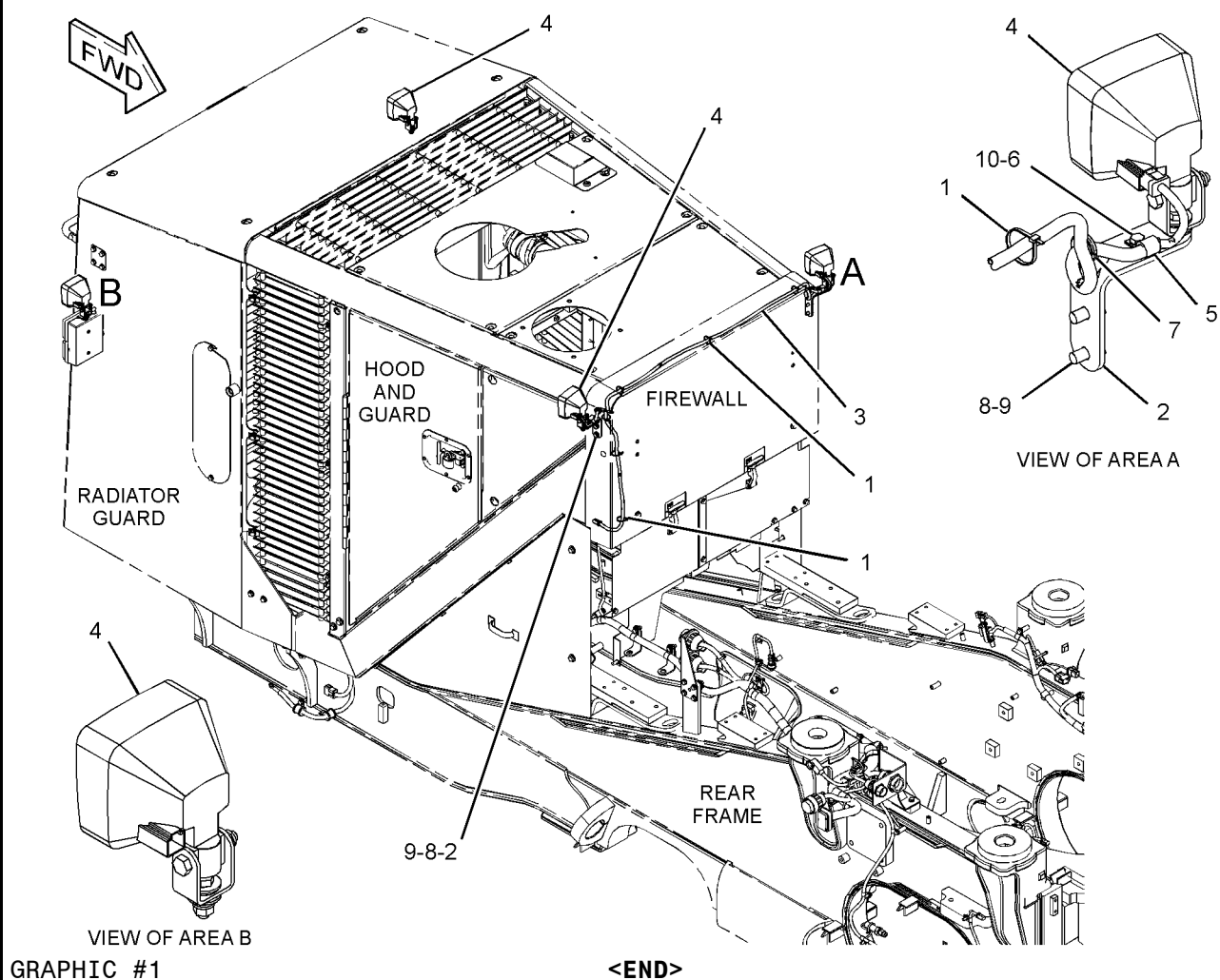
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

345-0522 LIGHTING GP-FLOOD (contd.)

i03792154



g02059958

ELECTRICAL AND STARTING SYSTEM

346-3833 LIGHTING GP-FLOOD-HID, CAB FRONT

S/N: BXY4000-UP

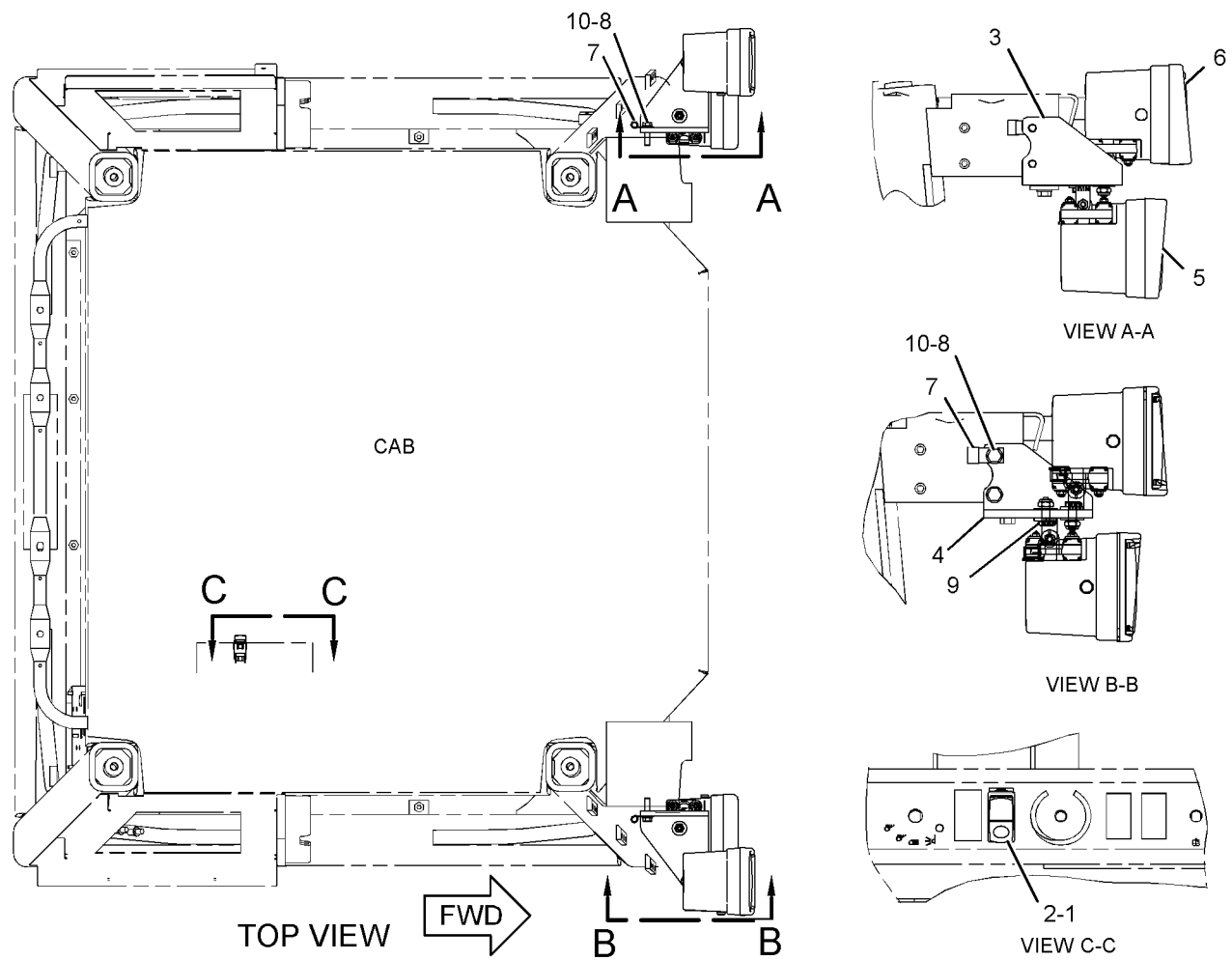
PART OF 230-5673 LIGHTING AR-SIGNAL
AN ATTACHMENT

SMCS-1434

i03792195

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	236-4631	1	BEZEL	
	2	1	251-5849	1	SWITCH AS-ROCKER (FRONT FLOODLIGHTS)	
	3	1	256-1142	1	BRACKET	
	4	1	256-1143	1	BRACKET	
Y	5	1	332-9402	2	LAMP GP-FLOOD (24-VOLT, 35-WATT, HID)	337
Y	6	1	347-9427	2	LAMP GP-FLOOD (24-VOLT, 35-WATT, HID)	338
	7	1	6V-3265	2	CLIP	
	8	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)	
M	9	1	8T-4136	4	BOLT (M10X1.5X25-MM)	
M	10	1	8T-4186	4	BOLT (M10X1.5X40-MM)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02061413

ELECTRICAL AND STARTING SYSTEM

346-3838 LIGHTING GP-FLOOD-CAB FRONT

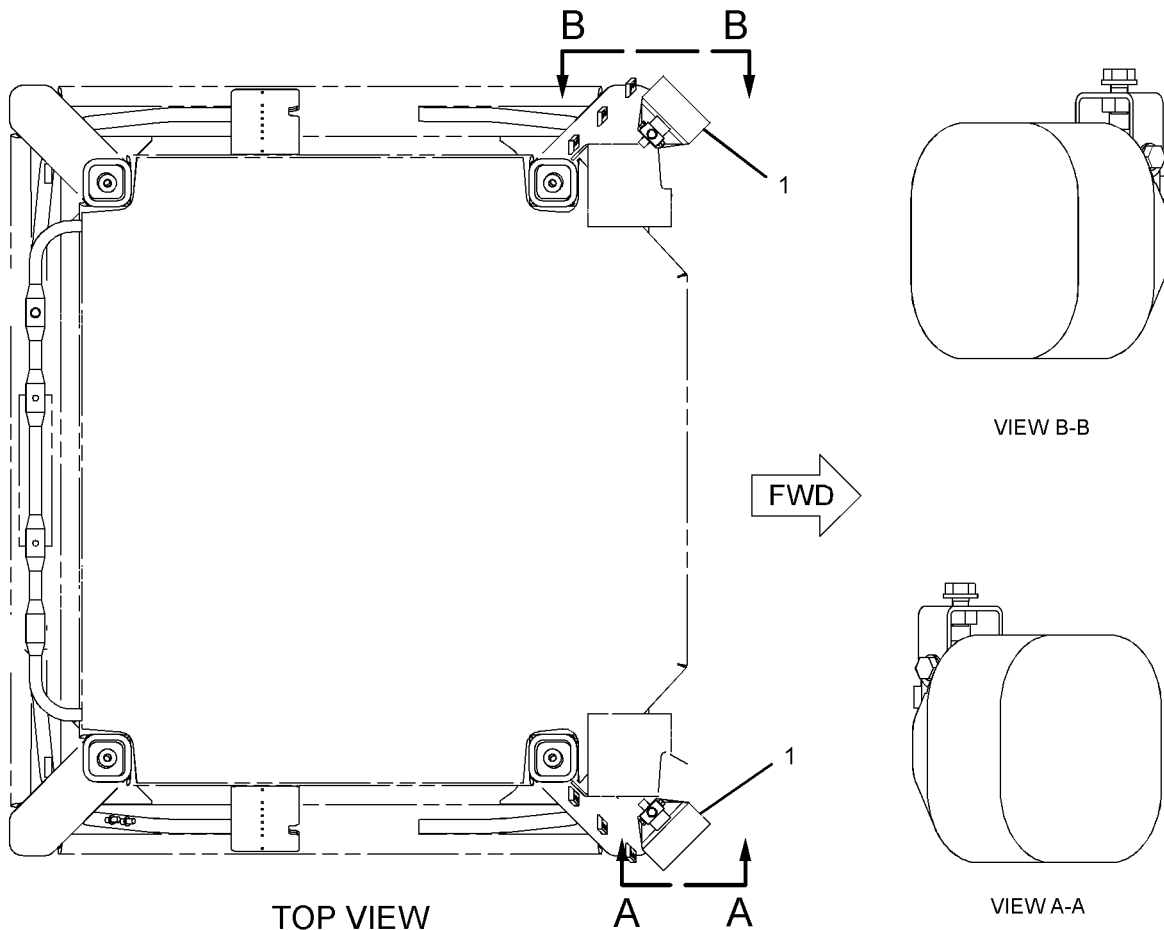
S/N: BXY4000-UP

PART OF 285-6400 LIGHTING AR-FLOOD & SIGNAL, 285-6399 LIGHTING AR-STOP & FLOOD
AN ATTACHMENT

SMCS-1434

i03793138

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	254-8155	2	LAMP	GP-FLOOD	(24-VOLT,	65-WATT)	(CAB FRONT)	333	
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g02053975

ELECTRICAL AND STARTING SYSTEM

346-3840 LIGHTING GP-FLOOD

S/N: BXY4000-UP

PART OF 285-6400 LIGHTING AR-FLOOD & SIGNAL, 230-5673 LIGHTING AR-SIGNAL,
285-6399 LIGHTING AR-STOP & FLOOD
AN ATTACHMENT

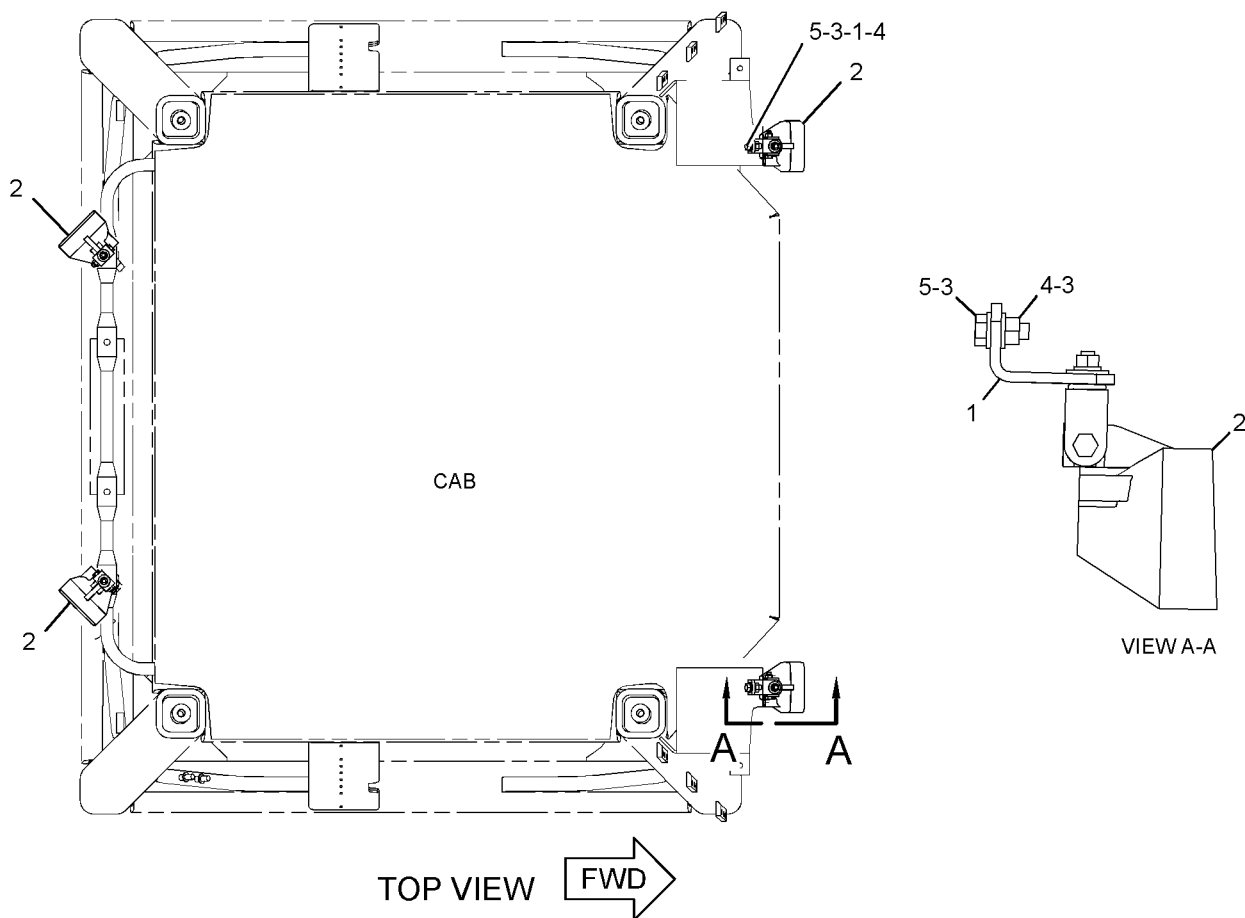
SMCS-1434

i03792203

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2W-7940	2	BRACKET						
Y	2	1	254-8155	4	LAMP GP-FLOOD (24-VOLT, 65-WATT)						333
	3	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	4	1	8T-4133	2	NUT (M10X1.5-THD)						
M	5	1	8T-4136	2	BOLT (M10X1.5X25-MM)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

g02061462

ELECTRICAL AND STARTING SYSTEM

225-6999 LIGHTING GP-FLOOD & SIGNAL

S/N: BXY1-UP

PART OF 285-6400 LIGHTING AR-FLOOD & SIGNAL, 230-5672 LIGHTING AR-SIGNAL
AN ATTACHMENT

SMCS-1430, 1434

i02742109

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4E-7498	1	COVER (RH)						
	2	1	4E-7499	1	COVER (LH)						
	3	2	4E-9609	2	BRACKET AS						
	4	2	5C-8964	1	LAMP GP-SIGNAL (TURN, RH)						
	5	2	5C-9029	1	LAMP GP-SIGNAL (TURN, LH)						
	6	1	9U-0561	1	BRACKET (RH)						
	7	1	9U-2277	2	CLIP AS						
	8	2	9W-4361	8	MOUNT-FLEXIBLE						
	9	2	9X-4493	2	LAMP (24-VOLT, 21-WATT)						
Y	10	1	135-0426	2	LAMP GP-SIGNAL (24-VOLT, STOP, TAIL)						341
	11	2	137-5109	2	GROMMET-SPLIT						
	12	1	140-1088	4	BRACKET AS						
					(EACH INCLUDES)						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
Y	13	2	153-2073	2	LAMP GP-FLOOD (24-VOLT)						328
	14	2	154-6518	2	GUARD AS						
					(EACH INCLUDES)						
		2	1F-0750	2	NUT-WELD (3/8-16-THD)						
Y	15	2	161-3509	2	LAMP GP-HEAD (24-VOLT)						339
Y	16	1	199-3368	2	LAMP GP-SIGNAL (24-VOLT, TURN)						342
	17	2	260-0447	1	HARNESS AS-LIGHTING						
					(FRONT FENDER TO FRAME, LH)						
		2	155-2274	2	KIT-CONNECTING PLUG (6-PIN)						
					(EACH KIT INCLUDES PLUG AS AND WEDGE)						
	17A	2	260-0447	1	HARNESS AS-LIGHTING						
					(FRONT FENDER TO FRAME, RH)						
		2	155-2274	2	KIT-CONNECTING PLUG (6-PIN)						
					(EACH KIT INCLUDES PLUG AS AND WEDGE)						
	19	2	260-0445	1	HARNESS AS-LIGHTING (FENDER LIGHTS, RH FRONT)						
		2	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		2	155-2270	4	KIT-CONNECTING PLUG (2-PIN)						
					(EACH KIT INCLUDES PLUG AS AND WEDGE)						
	20	2	260-0446	1	HARNESS AS-LIGHTING (FENDER LIGHTS, LH FRONT)						
		2	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		2	155-2270	4	KIT-CONNECTING PLUG (2-PIN)						
					(EACH KIT INCLUDES PLUG AS AND WEDGE)						
	21	1	230-8152	4	SPACER						
	22	1	230-9715	2	CLIP AS						
	23	1	033-8248	2	CLIP						
	24	1	130-5300	2	CLIP						
	25	2	202-2762	2	CLIP						
	26	1	2V-3216	2	CLIP						
	27	1	4K-8864	6	CLIP						
M	28	1	5C-2874	4	NUT (M5X0.8-THD)						
M	29	1	5C-2890	8	NUT (M6X1-THD)						
M	30	1	5C-7261	4	NUT (M8X1.25-THD)						
	31	2	5M-3062	2	BOLT (3/8-16X0.75-IN)						
	32	2	5P-1075	16	WASHER-HARD (10.2X22.5X3-MM THK)						
	33	2	5P-9297	2	CLIP						
	34	2	6K-8178	2	CLIP						
	35	2	6P-6641	2	GROMMET						
	36	2	6V-3265	2	CLIP						
	37	2	6V-8801	16	NUT (3/8-16-THD)						

ELECTRICAL AND STARTING SYSTEM

225-6999 LIGHTING GP-FLOOD & SIGNAL (contd.)

i02742109

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	38	1	7X-0620	8	WASHER-HARD (5.5X13X1.6-MM THK)						
	39	2	7X-7729	8	WASHER (11X25X3-MM THK)						
	40	2	8J-3415	2	GROMMET						
	41	1, 2	8T-4121	20	WASHER-HARD (11X21X2.5-MM THK)						
M	42	1	8T-4127	4	SCREW-MACHINE (M5X0.8X20-MM)						
M	43	1	8T-4133	2	NUT (M10X1.5-THD)						
M	44	1	8T-4136	2	BOLT (M10X1.5X25-MM)						
M	45	1	8T-4137	10	BOLT (M10X1.5X20-MM)						
M	46	2	8T-4186	8	BOLT (M10X1.5X40-MM)						
M	47	1	8T-4195	4	BOLT (M10X1.5X30-MM)						
	48	1	8T-4205	8	WASHER-HARD (7.2X14.5X2-MM THK)						
	49	1	8T-4224	8	WASHER-HARD (8.8X16X2-MM THK)						
M	50	1	8T-6411	4	SCREW-MACHINE (M6X1X12-MM)						
M	51	1	8T-6869	4	BOLT (M8X1.25X60-MM)						
	52	1	9U-0560	1	BRACKET (LH)						

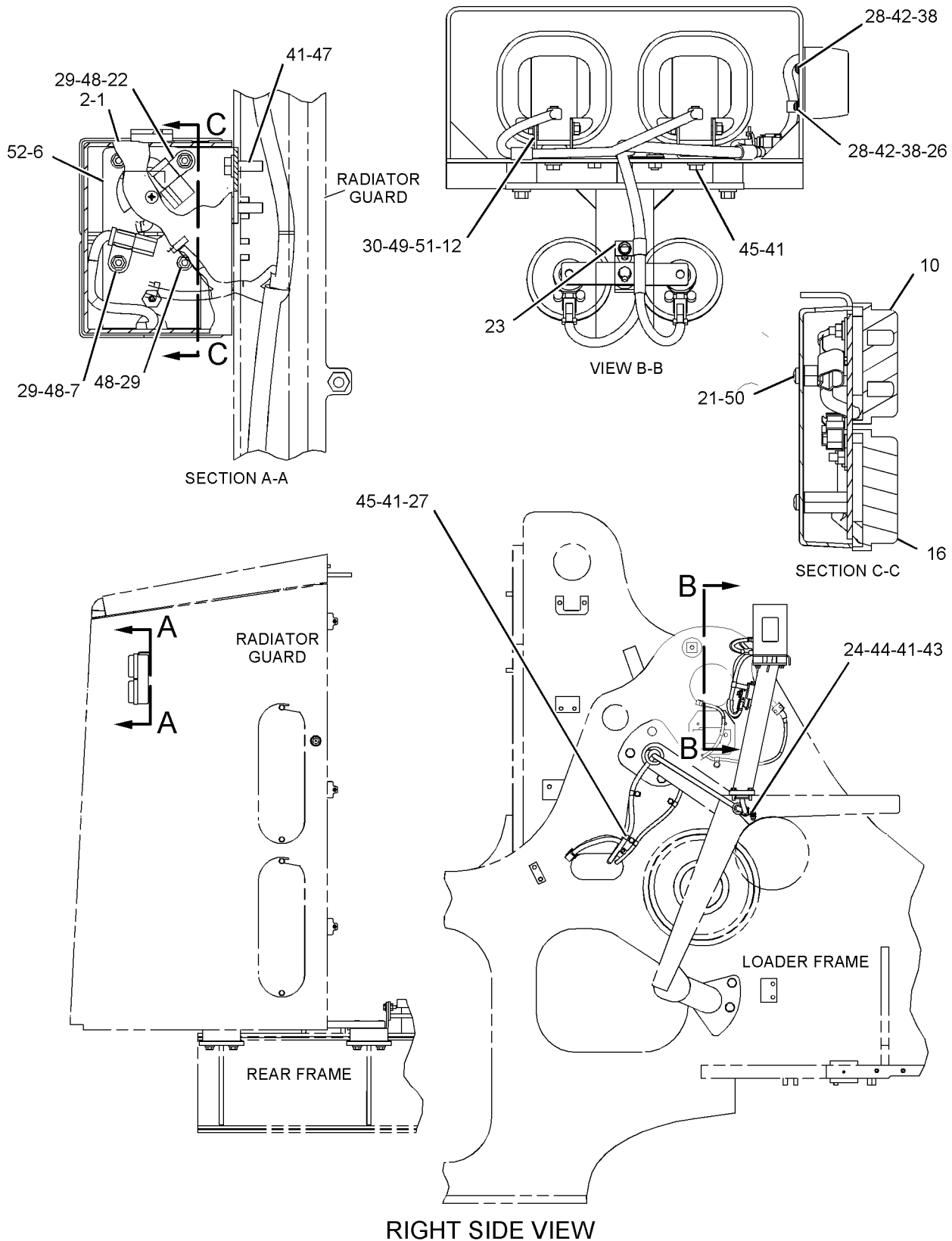
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

225-6999 LIGHTING GP-FLOOD & SIGNAL (contd.)

i02742109



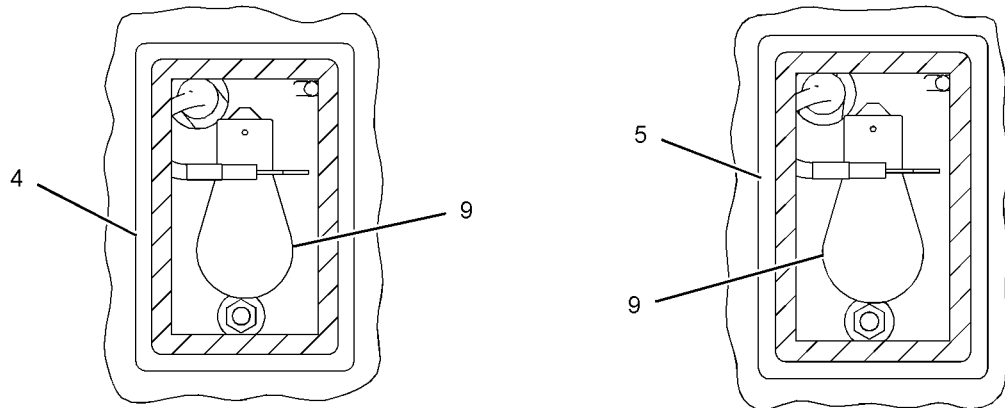
GRAPHIC #1

g01024236

ELECTRICAL AND STARTING SYSTEM

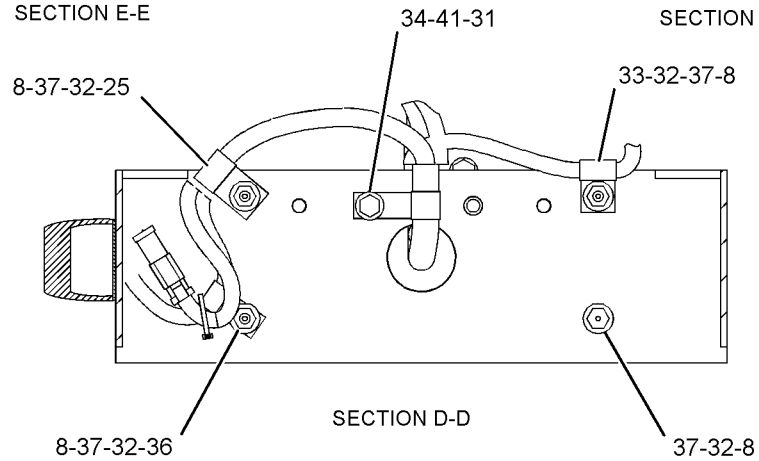
225-6999 LIGHTING GP-FLOOD & SIGNAL (contd.)

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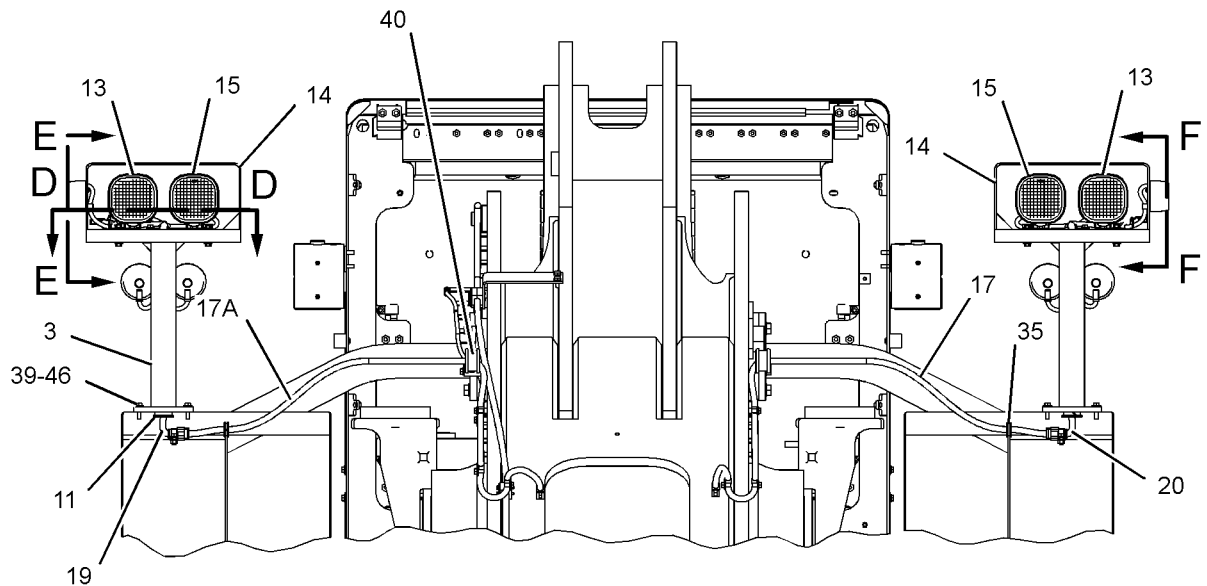


SECTION E-E

SECTION F-F



SECTION D-D



FRONT VIEW

GRAPHIC #2

<END>

g01374383

ELECTRICAL AND STARTING SYSTEM

225-6999 LIGHTING GP-FLOOD & SIGNAL

S/N: BXY1900-2908

PART OF 285-6400 LIGHTING AR-FLOOD & SIGNAL, 230-5673 LIGHTING AR-SIGNAL
AN ATTACHMENT

SMCS-1430, 1434

i02928824

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	4E-7498	1	COVER (RH)	
	2	2	4E-7499	1	COVER (LH)	
	3	2	4E-9609	2	BRACKET AS	
	4	2	5C-8964	1	LAMP GP-SIGNAL (TURN, RH)	
	5	2	5C-9029	1	LAMP GP-SIGNAL (TURN, LH)	
	6	1	9U-0561	1	BRACKET (RH)	
	7	1	9U-2277	2	CLIP AS	
	8	2	9W-4361	8	MOUNT-FLEXIBLE	
	9	2	9X-4493	2	LAMP (24-VOLT, 21-WATT)	
Y	10	1	135-0426	2	LAMP GP-SIGNAL (24-VOLT, STOP, TAIL)	341
	11	2	137-5109	2	GROMMET-SPLIT	
	12	1	140-1088	4	BRACKET AS	
					(EACH INCLUDES)	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
Y	13	2	153-2073	2	LAMP GP-FLOOD (24-VOLT)	328
	14	2	154-6518	2	GUARD AS	
					(EACH INCLUDES)	
		2	1F-0750	2	NUT-WELD (3/8-16-THD)	
Y	15	2	161-3509	2	LAMP GP-HEAD (24-VOLT)	339
Y	16	1	199-3368	2	LAMP GP-SIGNAL (24-VOLT, TURN)	342
	17	1	230-8152	4	SPACER	
	18	1	230-9715	2	CLIP AS	
	19	2	260-0445	1	HARNESS AS-LIGHTING (FENDER LIGHTS, RH FRONT)	
		2	102-8805	1	KIT-RECEPTACLE (6-PIN)	
					(INCLUDES RECEPTACLE AS AND WEDGE)	
		2	155-2270	4	KIT-CONNECTING PLUG (2-PIN)	
					(EACH KIT INCLUDES PLUG AS AND WEDGE)	
	20	2	260-0447	1	HARNESS AS-LIGHTING (FRONT FENDER TO FRAME, LH)	
		2	155-2274	2	KIT-CONNECTING PLUG (6-PIN)	
					(EACH KIT INCLUDES PLUG AS AND WEDGE)	
	20A	2	260-0447	1	HARNESS AS-LIGHTING (FRONT FENDER TO FRAME, RH)	
		2	155-2274	2	KIT-CONNECTING PLUG (6-PIN)	
					(EACH KIT INCLUDES PLUG AS AND WEDGE)	
	21	1	033-8248	2	CLIP	
	22	1	130-5300	2	CLIP	
	23	2	202-2762	2	CLIP	
	24	2	260-0446	1	HARNESS AS-LIGHTING (FENDER LIGHTS, LH FRONT)	
		2	102-8805	1	KIT-RECEPTACLE (6-PIN)	
					(INCLUDES RECEPTACLE AS AND WEDGE)	
		2	155-2270	4	KIT-CONNECTING PLUG (2-PIN)	
					(EACH KIT INCLUDES PLUG AS AND WEDGE)	
	25	1	2V-3216	2	CLIP	
	26	1, 2	4K-8864	6	CLIP	
M	27	1	5C-2874	4	NUT (M5X0.8-THD)	
M	28	1	5C-2890	8	NUT (M6X1-THD)	
M	29	1	5C-7261	4	NUT (M8X1.25-THD)	
	30	2	5M-3062	2	BOLT (3/8-16X0.75-IN)	
	31	2	5P-1075	16	WASHER-HARD (10.2X22.5X3-MM THK)	
	32	2	5P-9297	2	CLIP	
	33	2	6K-8178	2	CLIP	
	34	2	6P-6641	2	GROMMET	
	35	2	6V-3265	2	CLIP	
	36	2	6V-8801	16	NUT (3/8-16-THD)	

ELECTRICAL AND STARTING SYSTEM

225-6999 LIGHTING GP-FLOOD & SIGNAL (contd.)

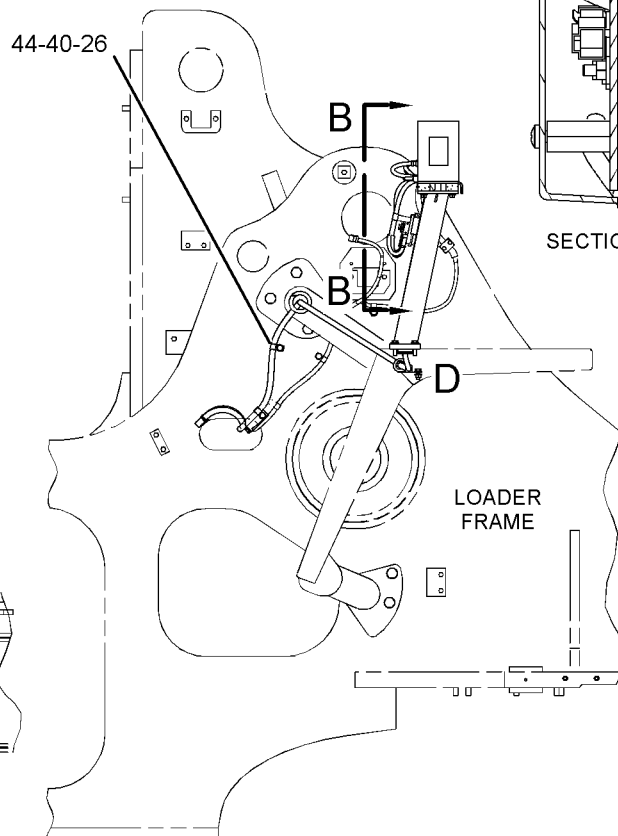
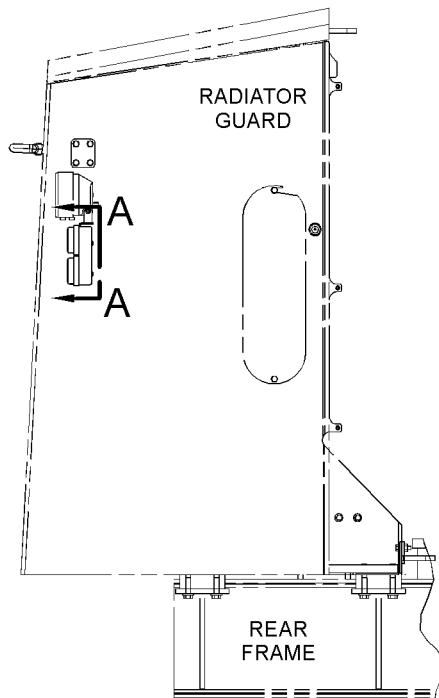
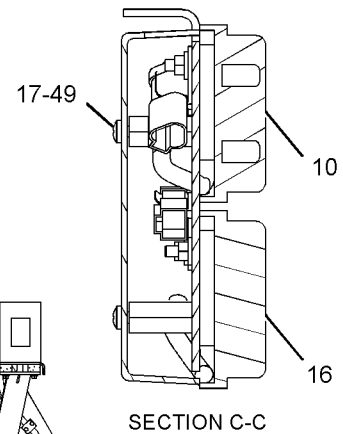
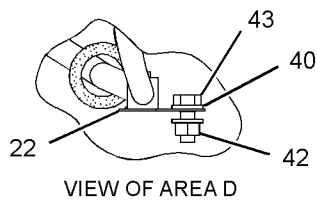
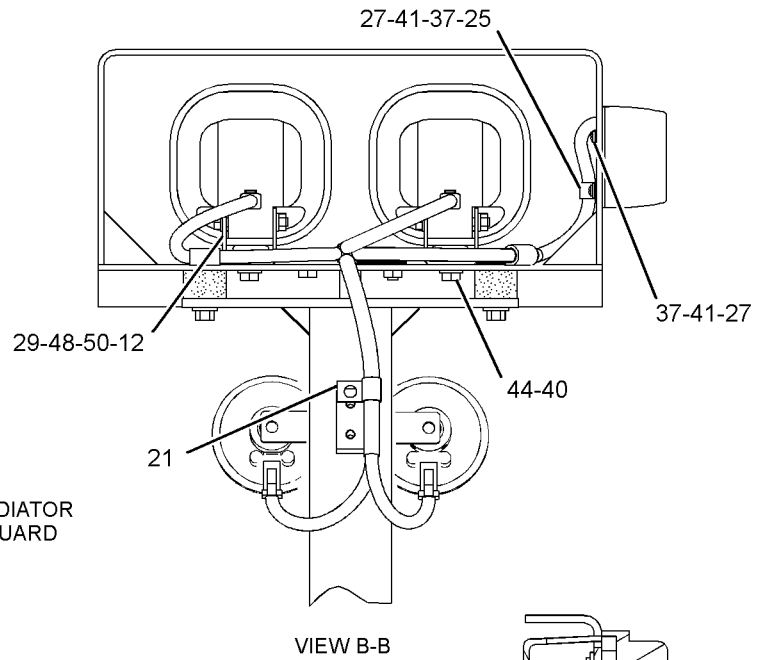
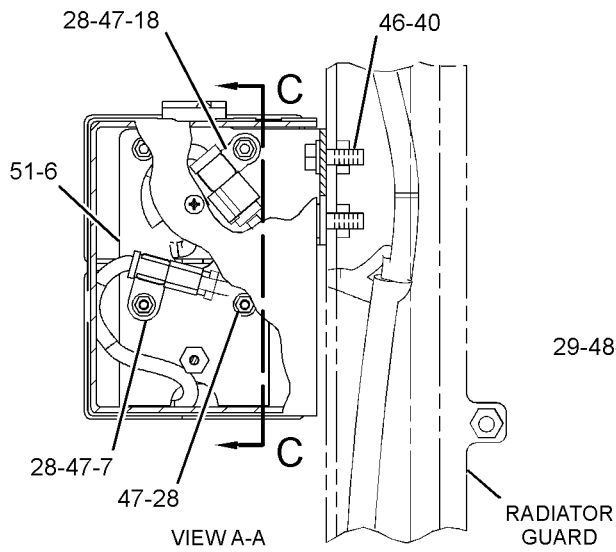
i02928824

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	37	1	7X-0620	8	WASHER-HARD (5.5X13X1.6-MM THK)						
	38	2	7X-7729	8	WASHER (11X25X3-MM THK)						
	39	2	8J-3415	2	GROMMET						
	40	1, 2	8T-4121	20	WASHER-HARD (11X21X2.5-MM THK)						
M	41	1	8T-4127	4	SCREW-MACHINE (M5X0.8X20-MM)						
M	42	1	8T-4133	2	NUT (M10X1.5-THD)						
M	43	1	8T-4136	2	BOLT (M10X1.5X25-MM)						
M	44	1, 2	8T-4137	10	BOLT (M10X1.5X20-MM)						
M	45	2	8T-4186	8	BOLT (M10X1.5X40-MM)						
M	46	1	8T-4195	4	BOLT (M10X1.5X30-MM)						
	47	1	8T-4205	8	WASHER-HARD (7.2X14.5X2-MM THK)						
	48	1	8T-4224	8	WASHER-HARD (8.8X16X2-MM THK)						
M	49	1	8T-6411	4	SCREW-MACHINE (M6X1X12-MM)						
M	50	1	8T-6869	4	BOLT (M8X1.25X60-MM)						
	51	1	9U-0560	1	BRACKET (LH)						
	52	2	144-4613	2	ANGLE AS						
					(EACH INCLUDES)						
M		2	8T-3490	1	NUT-WELD (M10X1.5-THD)						
M-METRIC PART Y-SEPARATE ILLUSTRATION											

ELECTRICAL AND STARTING SYSTEM

225-6999 LIGHTING GP-FLOOD & SIGNAL (contd.)

i02928824



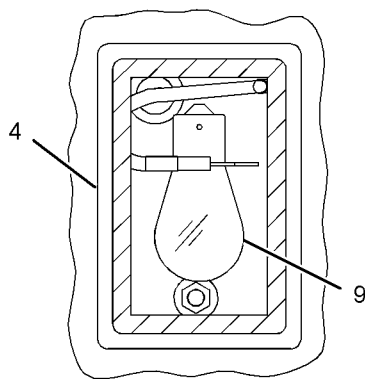
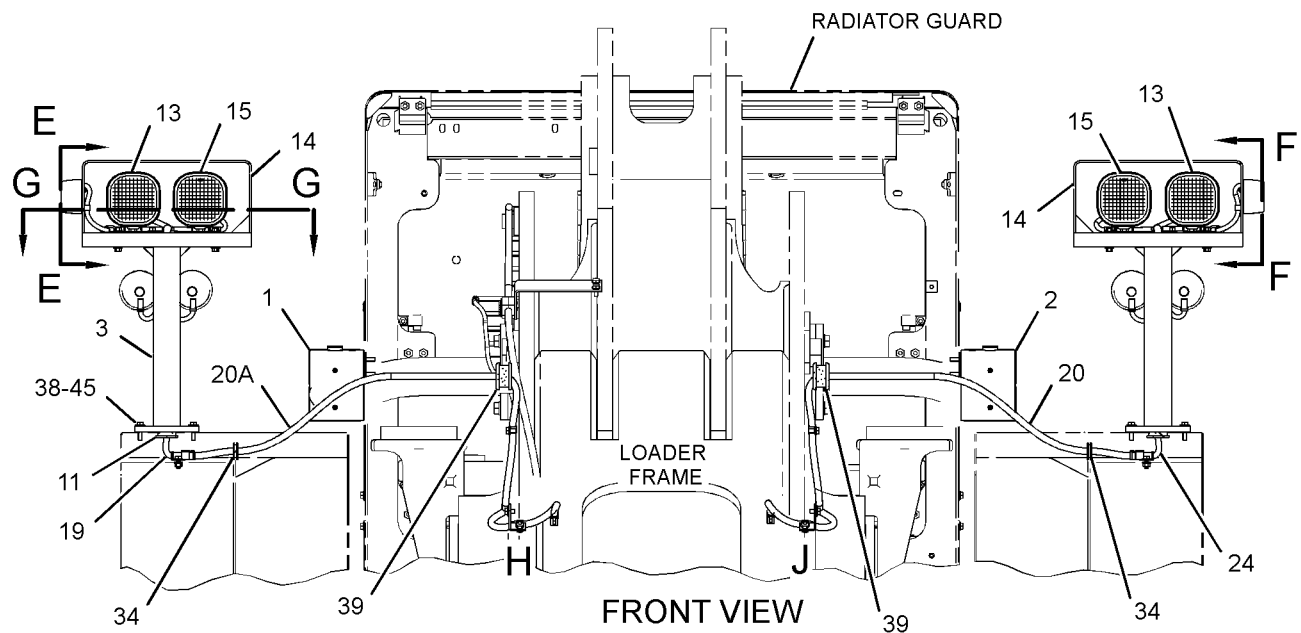
GRAPHIC #1

g01456520

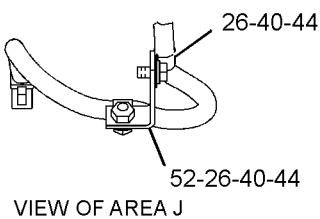
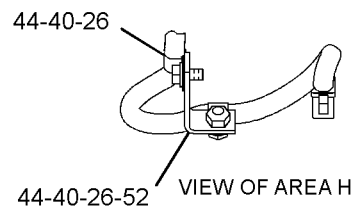
ELECTRICAL AND STARTING SYSTEM

225-6999 LIGHTING GP-FLOOD & SIGNAL (contd.)

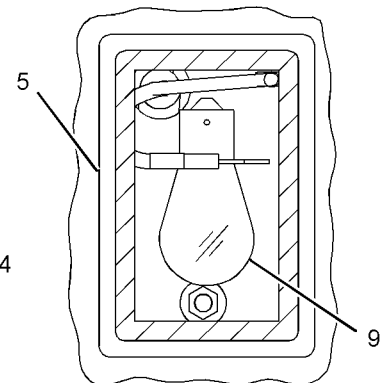
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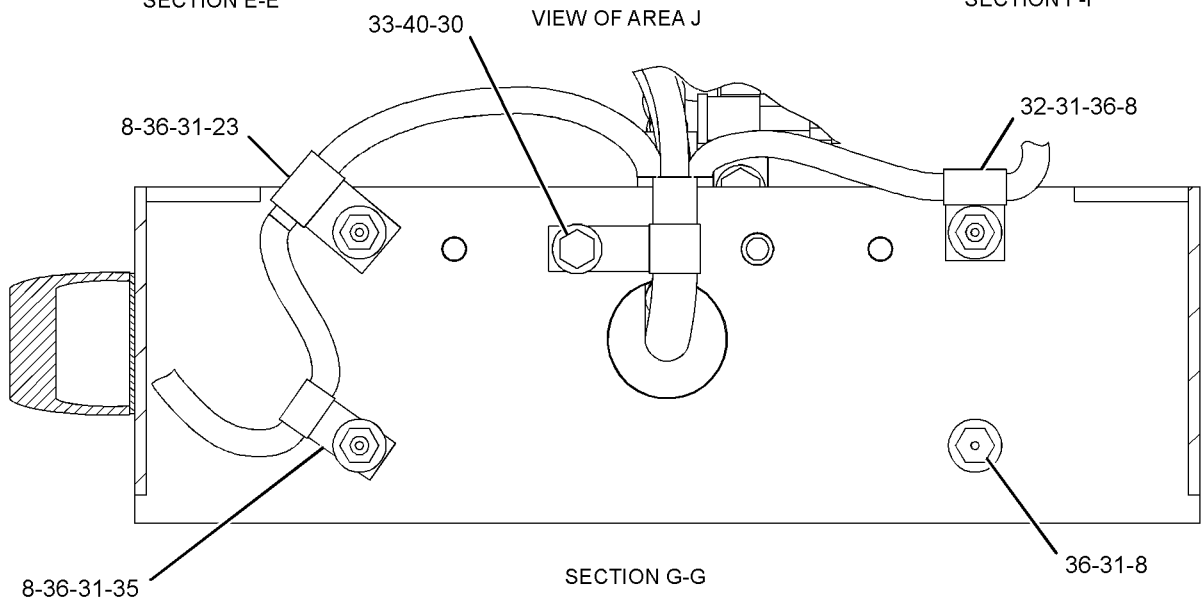
SECTION E-E



VIEW OF AREA J



SECTION F-F



SECTION G-G

GRAPHIC #2

<END>

g01456522

ELECTRICAL AND STARTING SYSTEM

225-6999 LIGHTING GP-FLOOD & SIGNAL

S/N: BXY2909-3999

PART OF 285-6400 LIGHTING AR-FLOOD & SIGNAL, 230-5673 LIGHTING AR-SIGNAL
AN ATTACHMENT

SMCS-1430, 1434

i03605201

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	4E-7498	1	COVER (RH)	
	2	2	4E-7499	1	COVER (LH)	
	3	2	4E-9609	2	BRACKET AS	
	4	2	5C-8964	1	LAMP GP-SIGNAL (TURN, RH)	
	5	2	5C-9029	1	LAMP GP-SIGNAL (TURN, LH)	
	6	1	9U-0561	1	BRACKET (RH)	
	7	1	9U-2277	2	CLIP AS	
		1	8C-3334	1	RIVET-TUBULAR	
	8	2	9W-4361	8	MOUNT-FLEXIBLE	
	9	2	9X-4493	2	LAMP (24-VOLT, 21-WATT)	
Y	10	1	135-0426	2	LAMP GP-SIGNAL (24-VOLT, STOP, TAIL)	341
	11	2	137-5109	2	GROMMET-SPLIT	
	12	1	140-1088	4	BRACKET AS	
					(EACH INCLUDES)	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
		1	115-0617	1	BRACKET	
Y	13	2	153-2073	2	LAMP GP-FLOOD (24-VOLT)	328
	14	2	154-6518	2	GUARD AS	
					(EACH INCLUDES)	
		2	1F-0750	2	NUT-WELD (3/8-16-THD)	
Y	15	2	161-3509	2	LAMP GP-HEAD (24-VOLT)	339
CY	16	1	334-5410	2	LAMP GP-SIGNAL (12-VOLT, 24-VOLT, TURN)	343
	17	1	230-8152	4	SPACER	
	18	1	230-9715	2	CLIP AS	
		1	8C-3334	1	RIVET-TUBULAR	
	19	2	260-0445	1	HARNESS AS-LIGHTING (FENDER LIGHTS, RH FRONT)	
		2	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)	
		2	9W-0852	3	PIN-CONNECTOR (14-GA)	
		2	186-3736	1	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		2	9W-0844	4	SOCKET-CONNECTOR (14-GA)	
		2	5P-4571	2	TERMINAL-BLADE (14-GA TO 16-GA)	
		2	8T-8737	2	PLUG-SEAL	
		2	114-8843		SLEEVE-PLASTIC (100-CM)	
		2	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (13-CM)	
		2	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (5-CM)	
		2	102-8805	1	KIT-RECEPTACLE (6-PIN)	
					(INCLUDES RECEPTACLE AS AND WEDGE)	
		2	155-2270	4	KIT-CONNECTING PLUG (2-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
	20	2	260-0447	1	HARNESS AS-LIGHTING (FRONT FENDER TO FRAME, LH)	
		2	114-8843		SLEEVE-PLASTIC (40-CM)	
		2	8T-8737	12	PLUG-SEAL	
		2	155-2274	2	KIT-CONNECTING PLUG (6-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
	20A	2	260-0447	1	HARNESS AS-LIGHTING (FRONT FENDER TO FRAME, RH)	
		2	114-8843		SLEEVE-PLASTIC (40-CM)	
		2	8T-8737	12	PLUG-SEAL	
		2	155-2274	2	KIT-CONNECTING PLUG (6-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
	21	1	033-8248	2	CLIP	
	22	1	130-5300	2	CLIP	

ELECTRICAL AND STARTING SYSTEM

225-6999 LIGHTING GP-FLOOD & SIGNAL (contd.)

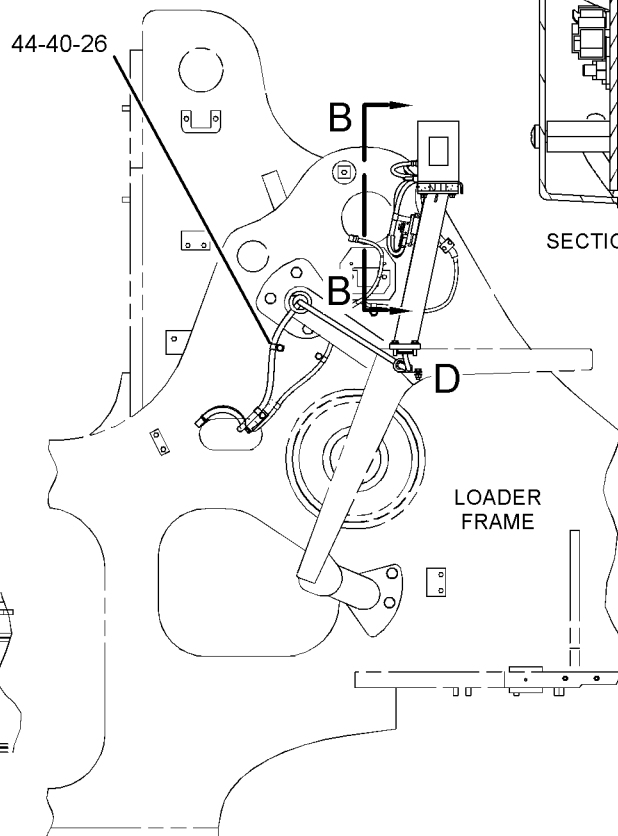
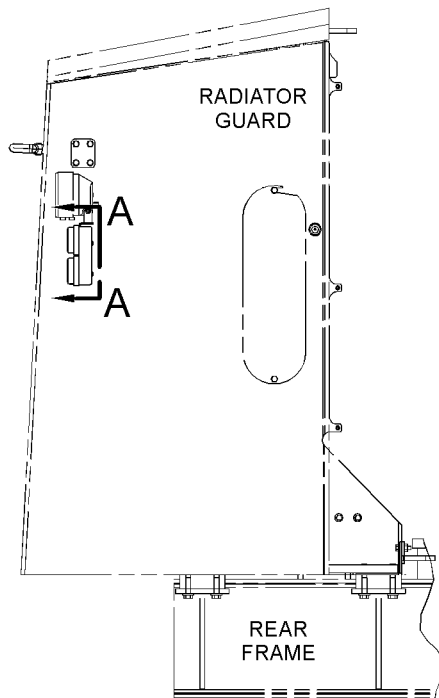
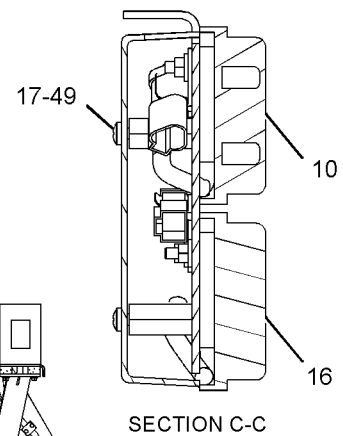
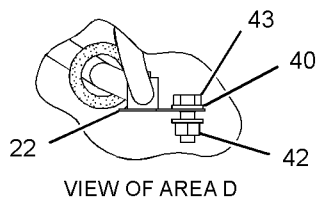
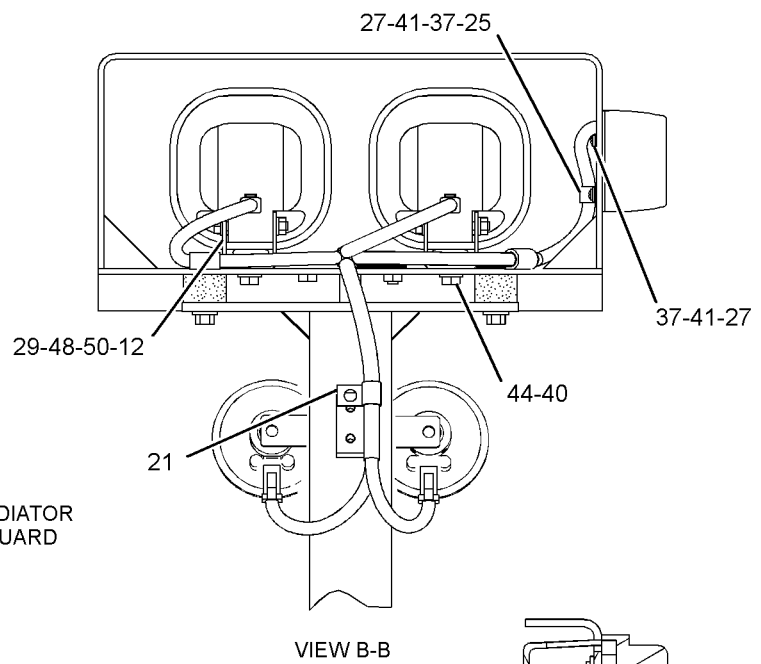
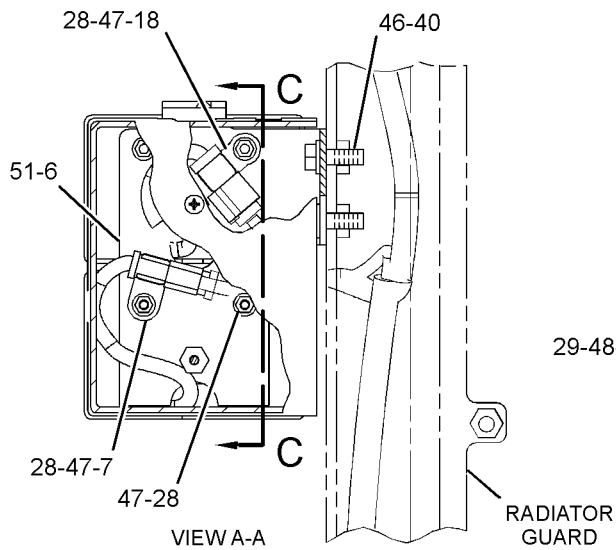
i03605201

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
	1 2 3 4 5 6 (PRODUCT LEVEL)										
	23	2	202-2762	2	CLIP						
	24	2	260-0446	1	HARNESS AS-LIGHTING (FENDER LIGHTS, LH FRONT)						
		2	9W-0852	3	PIN-CONNECTOR (14-GA)						
		2	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)						
		2	186-3736	2	SOCKET-CONNECTOR (16-GA TO 18-GA)						
		2	9W-0844	6	SOCKET-CONNECTOR (14-GA)						
		2	5P-4571	2	TERMINAL-BLADE (14-GA TO 16-GA)						
		2	8T-8737	1	PLUG-SEAL						
		2	114-8843		SLEEVE-PLASTIC (100-CM)						
		2	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (13-CM)						
		2	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (5-CM)						
		2	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		2	155-2270	4	KIT-CONNECTING PLUG (2-PIN)						
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
	25	1	2V-3216	2	CLIP						
	26	1, 2	4K-8864	6	CLIP						
M	27	1	5C-2874	4	NUT (M5X0.8-THD)						
M	28	1	5C-2890	8	NUT (M6X1-THD)						
M	29	1	5C-7261	4	NUT (M8X1.25-THD)						
	30	2	5M-3062	2	BOLT (3/8-16X0.75-IN)						
	31	2	5P-1075	16	WASHER-HARD (10.2X22.5X3-MM THK)						
	32	2	5P-9297	2	CLIP						
	33	2	6K-8178	2	CLIP						
	34	2	6P-6641	2	GROMMET						
	35	2	6V-3265	2	CLIP						
	36	2	6V-8801	16	NUT (3/8-16-THD)						
	37	1	7X-0620	8	WASHER-HARD (5.5X13X1.6-MM THK)						
	38	2	7X-7729	8	WASHER (11X25X3-MM THK)						
	39	2	8J-3415	2	GROMMET						
	40	1, 2	8T-4121	20	WASHER-HARD (11X21X2.5-MM THK)						
M	41	1	8T-4127	4	SCREW-MACHINE (M5X0.8X20-MM)						
M	42	1	8T-4133	2	NUT (M10X1.5-THD)						
M	43	1	8T-4136	2	BOLT (M10X1.5X25-MM)						
M	44	1, 2	8T-4137	10	BOLT (M10X1.5X20-MM)						
M	45	2	8T-4186	8	BOLT (M10X1.5X40-MM)						
M	46	1	8T-4195	4	BOLT (M10X1.5X30-MM)						
	47	1	8T-4205	8	WASHER-HARD (7.2X14.5X2-MM THK)						
	48	1	8T-4224	8	WASHER-HARD (8.8X16X2-MM THK)						
M	49	1	8T-6411	4	SCREW-MACHINE (M6X1X12-MM)						
M	50	1	8T-6869	4	BOLT (M8X1.25X60-MM)						
	51	1	9U-0560	1	BRACKET (LH)						
	52	2	144-4613	2	ANGLE AS						
					(EACH INCLUDES)						
M		2	8T-3490	1	NUT-WELD (M10X1.5-THD)						
C-CHANGE FROM PREVIOUS TYPE											
M-METRIC PART											
Y-SEPARATE ILLUSTRATION											

ELECTRICAL AND STARTING SYSTEM

225-6999 LIGHTING GP-FLOOD & SIGNAL (contd.)

i03605201



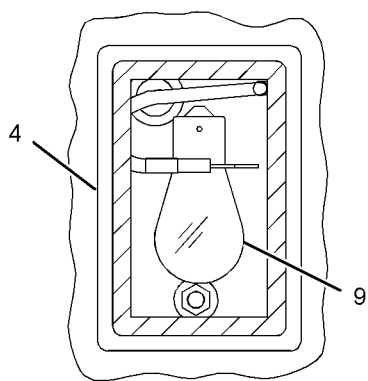
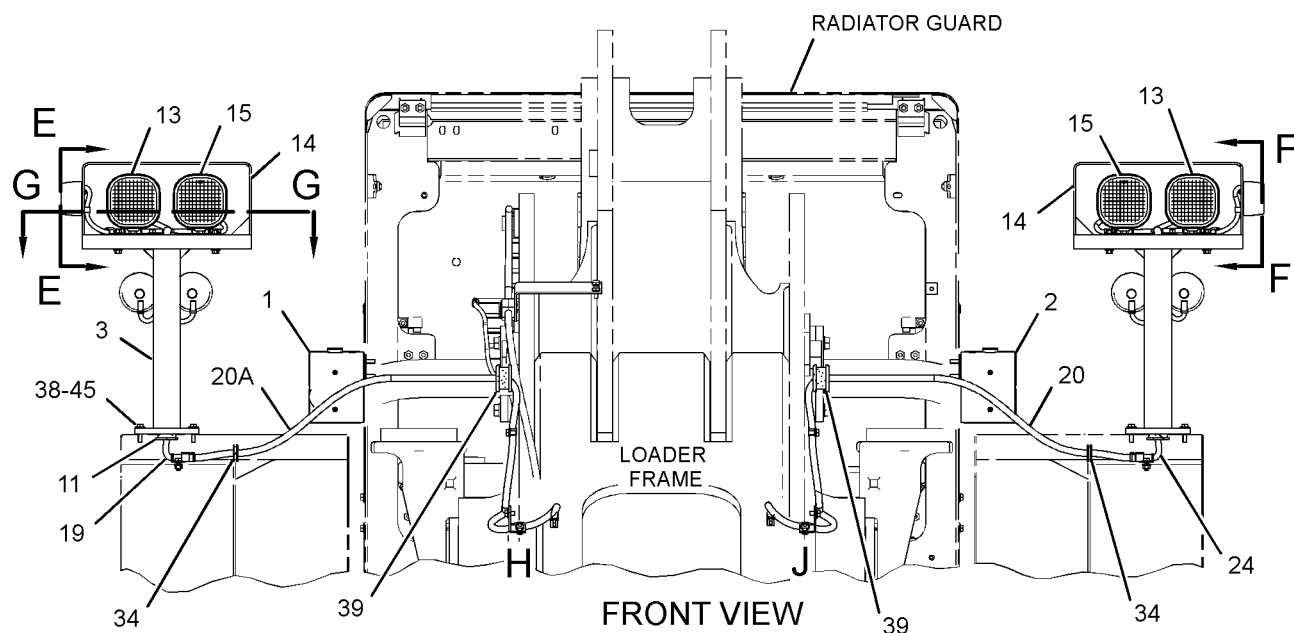
GRAPHIC #1

g01456520

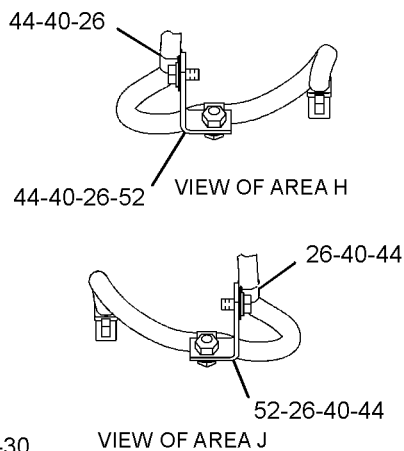
ELECTRICAL AND STARTING SYSTEM

225-6999 LIGHTING GP-FLOOD & SIGNAL (contd.)

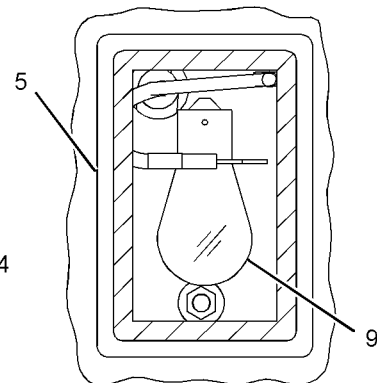
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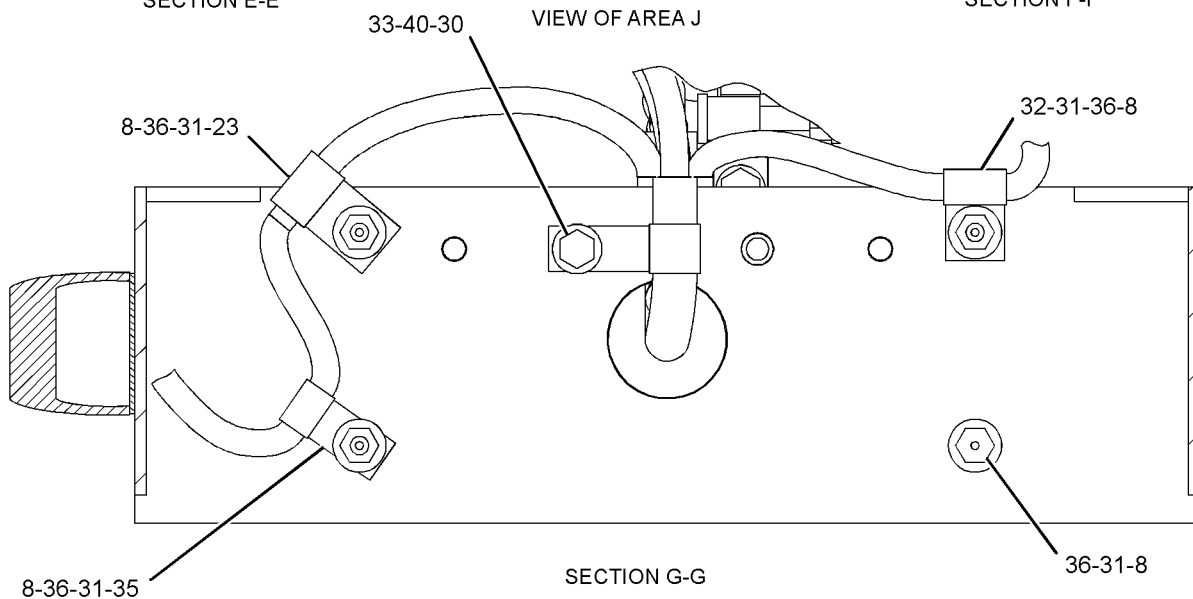
SECTION E-E



VIEW OF AREA J



SECTION F-F



SECTION G-G

GRAPHIC #2

<END>

g01456522

ELECTRICAL AND STARTING SYSTEM

259-2095 LIGHTING GP-FLOOD & SIGNAL

S/N: BXY1-1899

PART OF 230-5673 LIGHTING AR-SIGNAL
AN ATTACHMENT

SMCS-1430, 1434

i02331580

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4E-7498	1	COVER (RH)						
	2	1	4E-7499	1	COVER (LH)						
	3	2	4E-9609	2	BRACKET AS						
	4	2	5C-8964	1	LAMP GP-SIGNAL (TURN, RH)						
	5	2	5C-9029	1	LAMP GP-SIGNAL (TURN, LH)						
	6	1	9U-2277	2	CLIP AS						
	7	1	9W-4361	8	MOUNT-FLEXIBLE						
	8	2	9X-4493	2	LAMP (24-VOLT, 21-WATT)						
Y	9	1	135-0426	2	LAMP GP-SIGNAL (24-VOLT, STOP, TAIL)						341
	10	2	137-5109	2	GROMMET-SPLIT						
	11	2	140-1088	4	BRACKET AS						
					(EACH INCLUDES)						
M		2	8T-3490	1	NUT-WELD (M10X1.5-THD)						
		2	115-0617	1	BRACKET						
Y	12	2	153-2073	2	LAMP GP-FLOOD (24-VOLT)						328
	13	2	154-6518	2	GUARD AS						
					(EACH INCLUDES)						
		2	1F-0750	2	NUT-WELD (3/8-16-THD)						
Y	14	2	161-3509	2	LAMP GP-HEAD (24-VOLT)						339
Y	15	1	199-3368	2	LAMP GP-SIGNAL (24-VOLT, TURN)						342
	16	1	230-8152	4	SPACER						
	17	1	230-9715	2	CLIP AS						
	18	1	230-9716	1	BRACKET AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	19	1	230-9717	1	BRACKET AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	20	2	260-0445	1	HARNESS AS-LIGHTING (FENDER LIGHTS, RH FRONT)						
		2	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		2	155-2270	4	KIT-CONNECTING PLUG (2-PIN)						
					(EACH INCLUDES PLUG AS AND WEDGE)						
	21	2	033-8248	2	CLIP						
	22	1	115-3072	2	CLIP AS-CONNECTOR (8-PIN)						
	23	1	202-2762	2	CLIP						
	24	2	260-0446	1	HARNESS AS-LIGHTING (FENDER LIGHTS, LH FRONT)						
		2	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		2	155-2270	4	KIT-CONNECTING PLUG (2-PIN)						
					(EACH INCLUDES RECEPTACLE AS AND WEDGE)						
	25	2	260-0447	1	HARNESS AS-LIGHTING (FRONT FENDER TO FRAME, LH)						
		2	155-2274	2	KIT-CONNECTING PLUG (6-PIN)						
					(EACH INCLUDES PLUG AS AND WEDGE)						
	25A	2	260-0447	1	HARNESS AS-LIGHTING (FRONT FENDER TO FRAME, RH)						
		2	155-2274	2	KIT-CONNECTING PLUG (6-PIN)						
					(EACH INCLUDES PLUG AS AND WEDGE)						
	27	2	2V-3216	2	CLIP						
	28	1	4K-8864	6	CLIP						
M	29	2	5C-2874	4	NUT (M5X0.8-THD)						
M	30	1	5C-2890	12	NUT (M6X1-THD)						
M	31	2	5C-7261	4	NUT (M8X1.25-THD)						
	32	1	5M-3062	2	BOLT (3/8-16X0.75-IN)						
	33	1	5P-1075	16	WASHER-HARD (10.2X22.5X3-MM THK)						
	34	1	5P-9297	2	CLIP						

ELECTRICAL AND STARTING SYSTEM

259-2095 LIGHTING GP-FLOOD & SIGNAL (contd.)

i02331580

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	35	1	8S-0948	2	CLIP						
	36	2	6P-6641	2	GROMMET						
	37	1	6V-3265	2	CLIP						
	38	1	6V-8801	16	NUT (3/8-16-THD)						
	39	2	7X-0620	8	WASHER-HARD (5.5X13X1.6-MM THK)						
	40	2	7X-7729	8	WASHER (11X25X3-MM THK)						
	41	2	8J-3415	2	GROMMET						
	42	1	8P-8540	2	GROMMET						
	43	1, 2	8T-4121	24	WASHER-HARD (11X21X2.5-MM THK)						
M	44	2	8T-4127	4	SCREW-MACHINE (M5X0.8X20-MM)						
M	45	1	8T-4133	2	NUT (M10X1.5-THD)						
M	46	1	8T-4136	2	BOLT (M10X1.5X25-MM)						
M	47	1, 2	8T-4137	10	BOLT (M10X1.5X20-MM)						
M	48	2	8T-4186	8	BOLT (M10X1.5X40-MM)						
M	49	1	8T-4195	8	BOLT (M10X1.5X30-MM)						
	50	1	8T-4205	8	WASHER-HARD (7.2X14.5X2-MM THK)						
	51	2	8T-4224	8	WASHER-HARD (8.8X16X2-MM THK)						
M	52	1	8T-6411	4	SCREW-MACHINE (M6X1X12-MM)						
M	53	2	8T-6869	4	BOLT (M8X1.25X60-MM)						

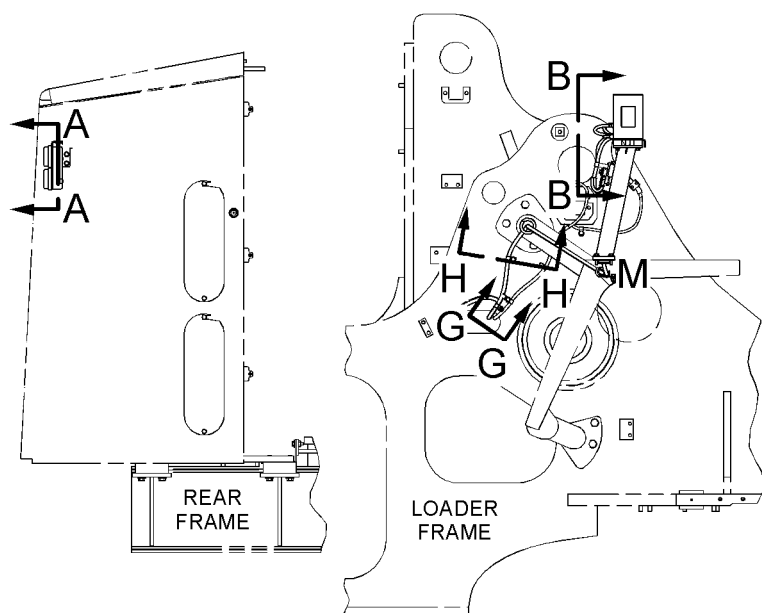
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

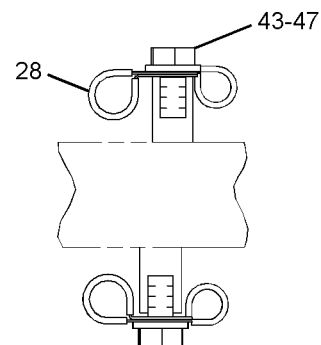
259-2095 LIGHTING GP-FLOOD & SIGNAL (contd.)

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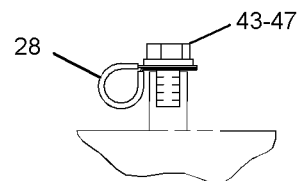


RIGHT SIDE VIEW

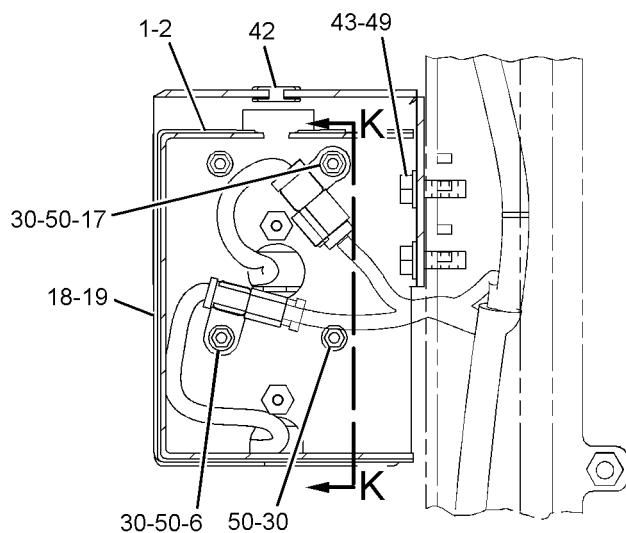
REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



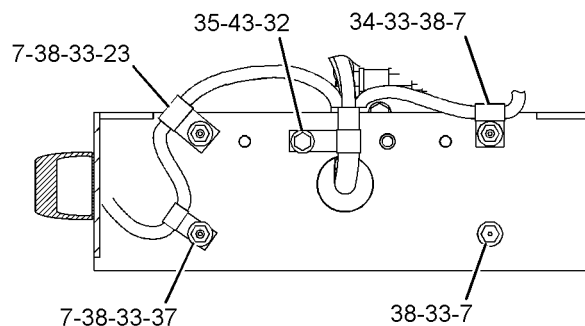
SECTION G-G



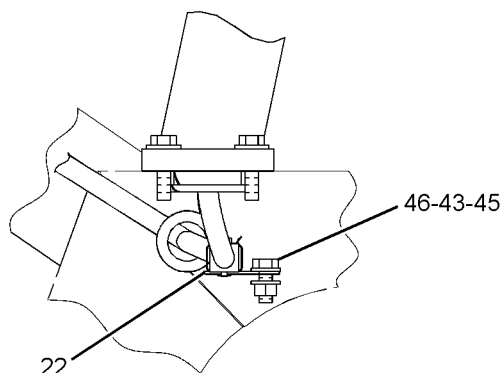
SECTION H-H



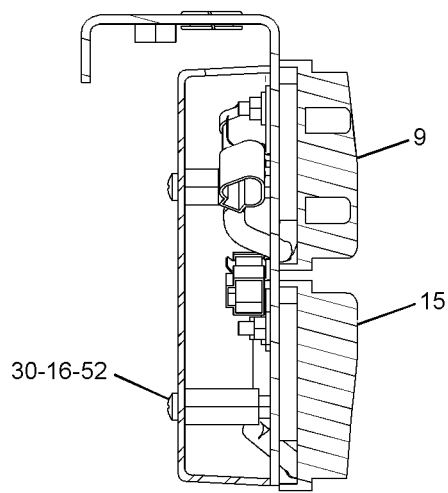
SECTION A-A



SECTION L-L



VIEW OF AREA M



SECTION K-K

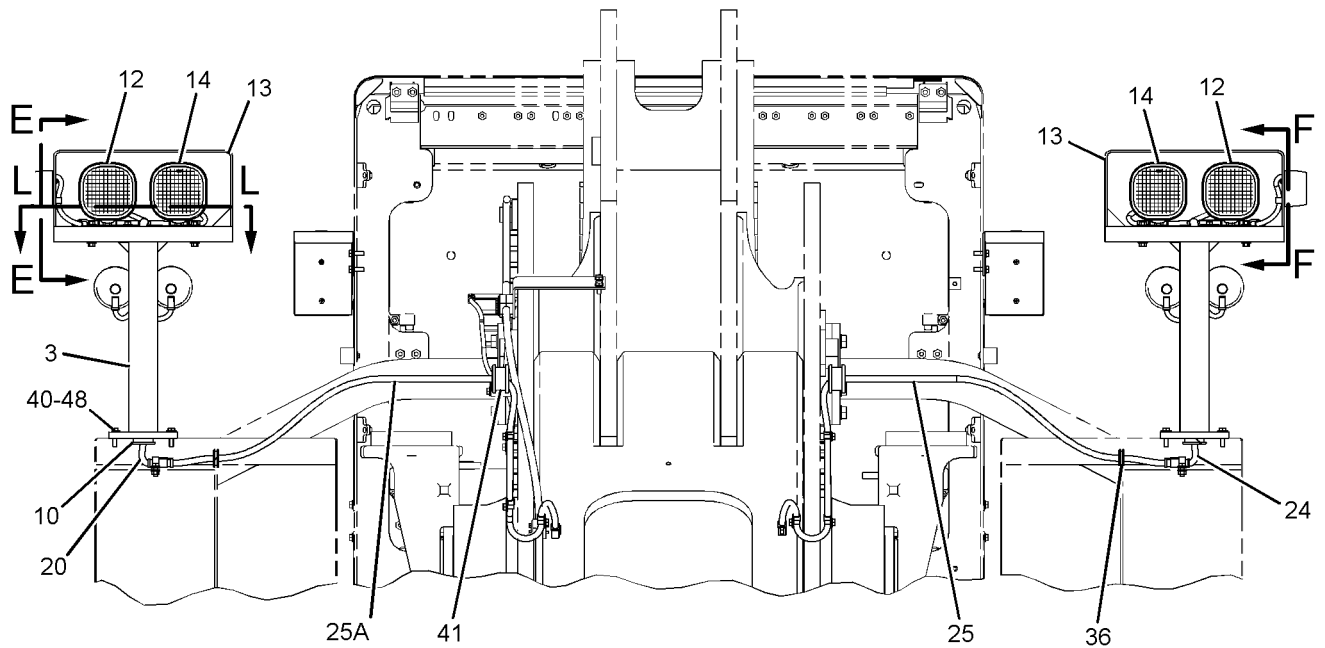
GRAPHIC #1

g01122247

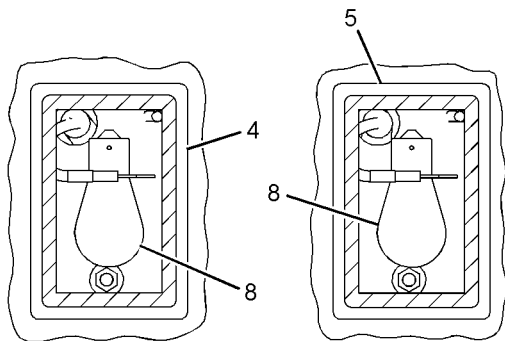
ELECTRICAL AND STARTING SYSTEM

259-2095 LIGHTING GP-FLOOD & SIGNAL (contd.)

i02331580

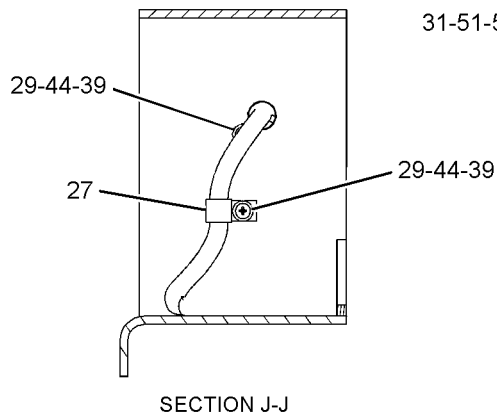


FRONT VIEW

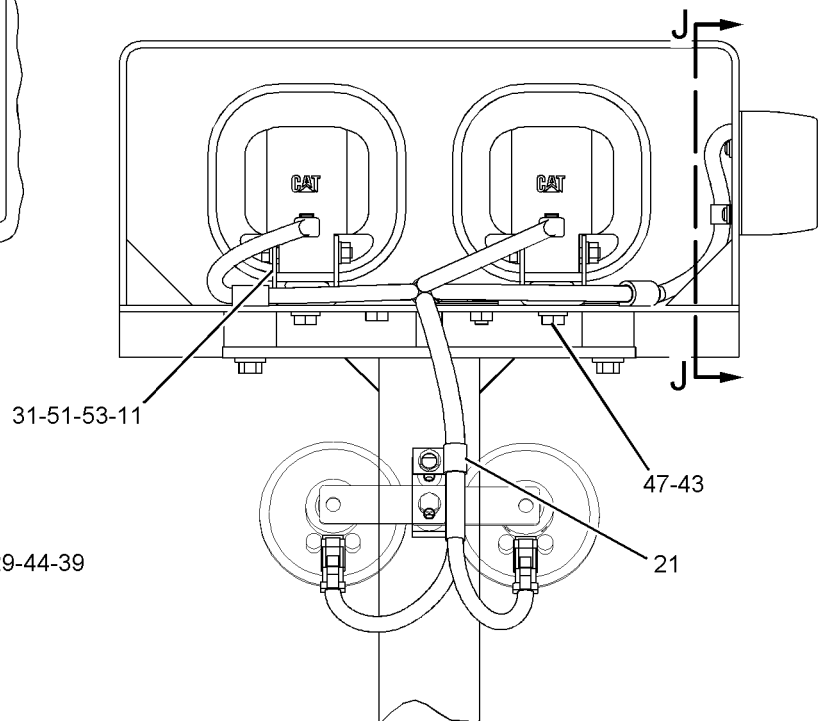


SECTION E-E

SECTION F-F



SECTION J-J



VIEW B-B

GRAPHIC #2

<END>

g01122248

ELECTRICAL AND STARTING SYSTEM

345-0523 LIGHTING GP-FLOOD & SIGNAL

S/N: BXY4000-UP

PART OF 285-6400 LIGHTING AR-FLOOD & SIGNAL, 230-5673 LIGHTING AR-SIGNAL
AN ATTACHMENT

SMCS-1430, 1434

i03792170

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4E-7498	1	COVER (RH)						
	2	1	4E-7499	1	COVER (LH)						
	3	2	5C-8964	1	LAMP GP-SIGNAL (TURN, RH)						
	4	2	5C-9029	1	LAMP GP-SIGNAL (TURN, LH)						
	5	1	9U-0561	1	BRACKET (RH)						
	6	1	9U-2277	2	CLIP AS						
	7	2	9X-4493	2	LAMP (24-VOLT, 21-WATT)						
	8	2	9X-6772	2	STRAP-CABLE						
Y	9	1	135-0426	2	LAMP GP-SIGNAL (24-VOLT, STOP, TAIL)						341
	10	2	137-5109	2	GROMMET-SPLIT						
	11	2	144-4613	2	ANGLE AS						
					(EACH INCLUDES)						
M		2	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	12	1	230-8152	4	SPACER						
	13	1	230-9715	2	CLIP AS						
	14	2	260-0447	2	HARNESS AS-LIGHTING						
		2	8T-8737	12	PLUG-SEAL						
E		2	114-8843		SLEEVE-PLASTIC (40-CM)						
		2	155-2274	2	KIT-CONNECTING PLUG (6-PIN)						
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
Y	15	2	272-6641	4	LAMP GP-FLOOD (24-VOLT)						334
	16	2	309-2741	1	HARNESS AS-LIGHTING						
		2	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		2	8T-8737	1	PLUG-SEAL						
		2	9X-3401	3	PIN-CONNECTOR (16-GA TO 18-GA)						
		2	9X-3402	3	SOCKET-CONNECTOR (16-GA TO 18-GA)						
E		2	114-8843		SLEEVE-PLASTIC (100-CM)						
E		2	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (13-CM)						
E		2	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (5-CM)						
		2	126-1767	2	PIN-CONNECTOR (14-GA)						
		2	126-1768	5	SOCKET-CONNECTOR (14-GA)						
		2	5P-4571	2	TERMINAL-BLADE (14-GA TO 16-GA)						
D		2	6V-2689		TUBE-HEAT SHRINK (6.35-MM DIA) (0.1-M EACH)						
		2	155-2270	4	KIT-CONNECTING PLUG (2-PIN)						
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
	17	2	309-2748	1	HARNESS AS-LIGHTING						
		2	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		2	8T-8737	1	PLUG-SEAL						
		2	9X-3401	3	PIN-CONNECTOR (16-GA TO 18-GA)						
		2	9X-3402	3	SOCKET-CONNECTOR (16-GA TO 18-GA)						
E		2	114-8843		SLEEVE-PLASTIC (100-CM)						
E		2	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (13-CM)						
E		2	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (5-CM)						
		2	126-1767	2	PIN-CONNECTOR (14-GA)						
		2	126-1768	5	SOCKET-CONNECTOR (14-GA)						
		2	5P-4571	2	TERMINAL-BLADE (14-GA TO 16-GA)						
D		2	6V-2689		TUBE-HEAT SHRINK (6.35-MM DIA) (0.1-M EACH)						
		2	155-2270	4	KIT-CONNECTING PLUG (2-PIN)						
					(EACH INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
	18	2	330-5646	8	MOUNT						

ELECTRICAL AND STARTING SYSTEM

345-0523 LIGHTING GP-FLOOD & SIGNAL (contd.)

i03792170

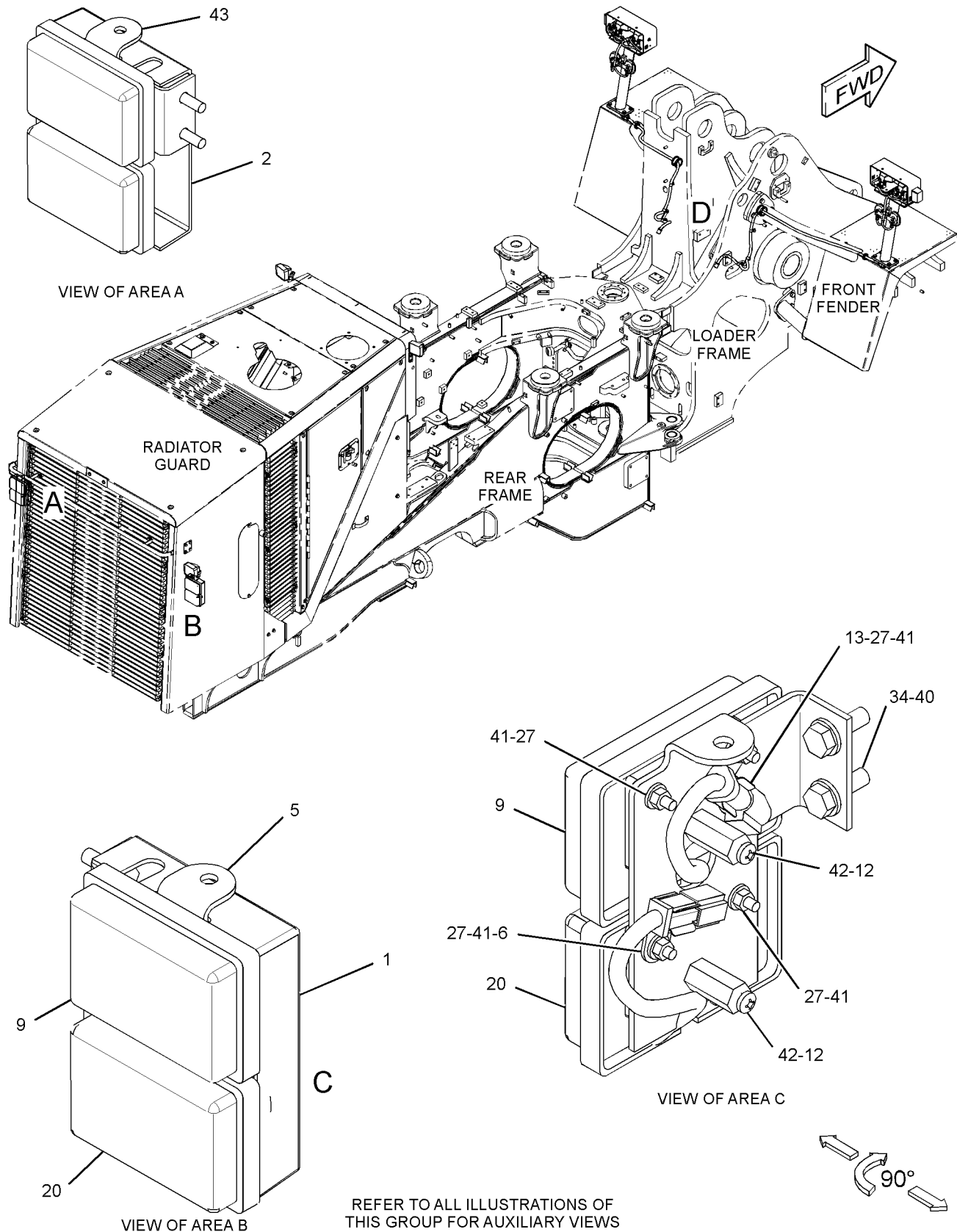
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	19	2	331-9011	2	BRACKET AS	
Y	20	1	334-5410	2	LAMP GP-SIGNAL (12-VOLT, 24-VOLT, TURN)	343
	21	2	337-5191	2	BRACKET	
	22	2	033-8248	2	CLIP	
	23	2	130-5300	2	CLIP	
	24	2	2V-3216	2	CLIP	
	25	2	4K-8864	6	CLIP	
M	26	2	5C-2874	4	NUT (M5X0.8-THD)	
M	27	1	5C-2890	8	NUT (M6X1-THD)	
	28	2	5P-9297	4	CLIP	
	29	2	6K-8178	2	CLIP	
	30	2	6P-6641	2	GROMMET	
	31	2	7X-0620	8	WASHER-HARD (5.5X13X1.6-MM THK)	
	32	2	7X-7729	8	WASHER (11X25X3-MM THK)	
	33	2	8J-3415	2	GROMMET	
	34	1, 2	8T-4121	34	WASHER-HARD (11X21X2.5-MM THK)	
M	35	2	8T-4127	4	SCREW-MACHINE (M5X0.8X20-MM)	
M	36	2	8T-4133	20	NUT (M10X1.5-THD)	
M	37	2	8T-4136	4	BOLT (M10X1.5X25-MM)	
M	38	2	8T-4137	6	BOLT (M10X1.5X20-MM)	
M	39	2	8T-4186	8	BOLT (M10X1.5X40-MM)	
M	40	1	8T-4195	4	BOLT (M10X1.5X30-MM)	
	41	1	8T-4205	8	WASHER-HARD (7.2X14.5X2-MM THK)	
M	42	1	8T-6411	4	SCREW-MACHINE (M6X1X12-MM)	
	43	1	9U-0560	1	BRACKET (LH)	

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

ELECTRICAL AND STARTING SYSTEM

345-0523 LIGHTING GP-FLOOD & SIGNAL (contd.)

i03792170



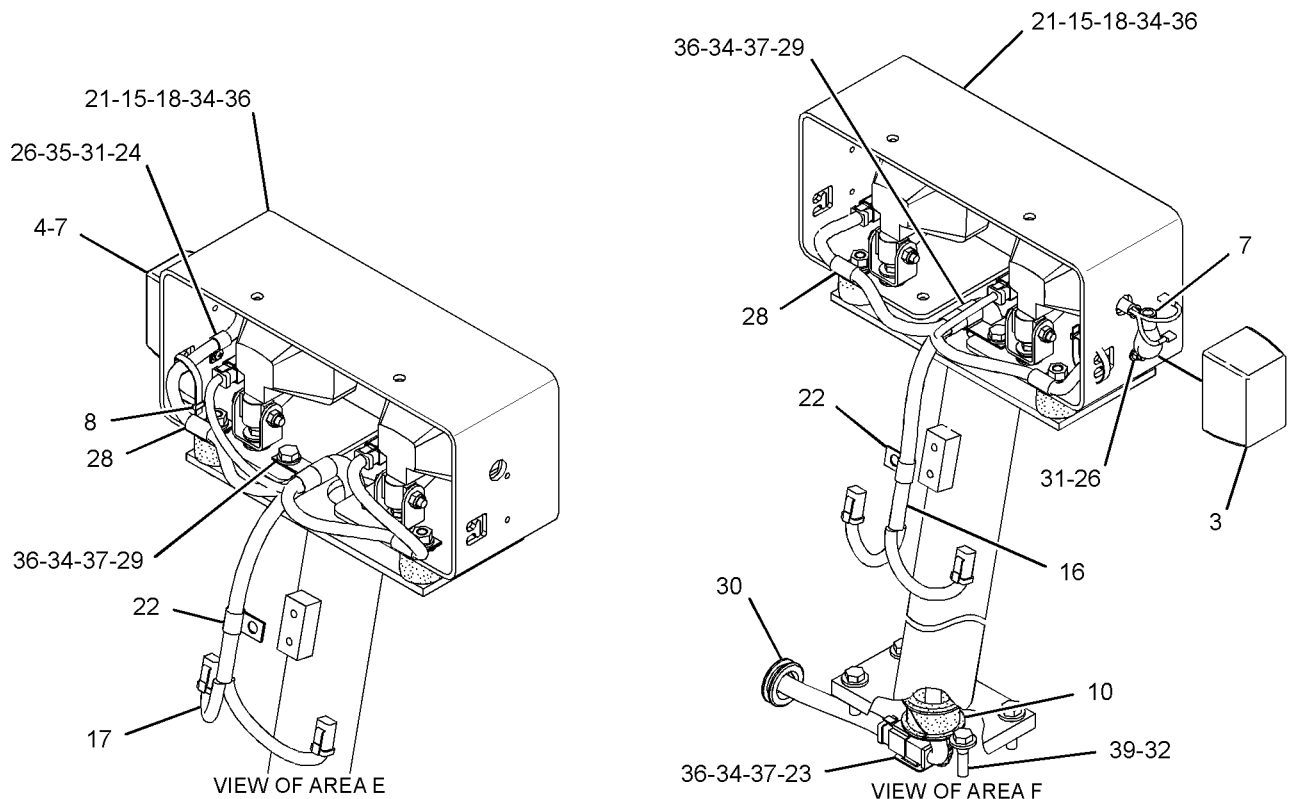
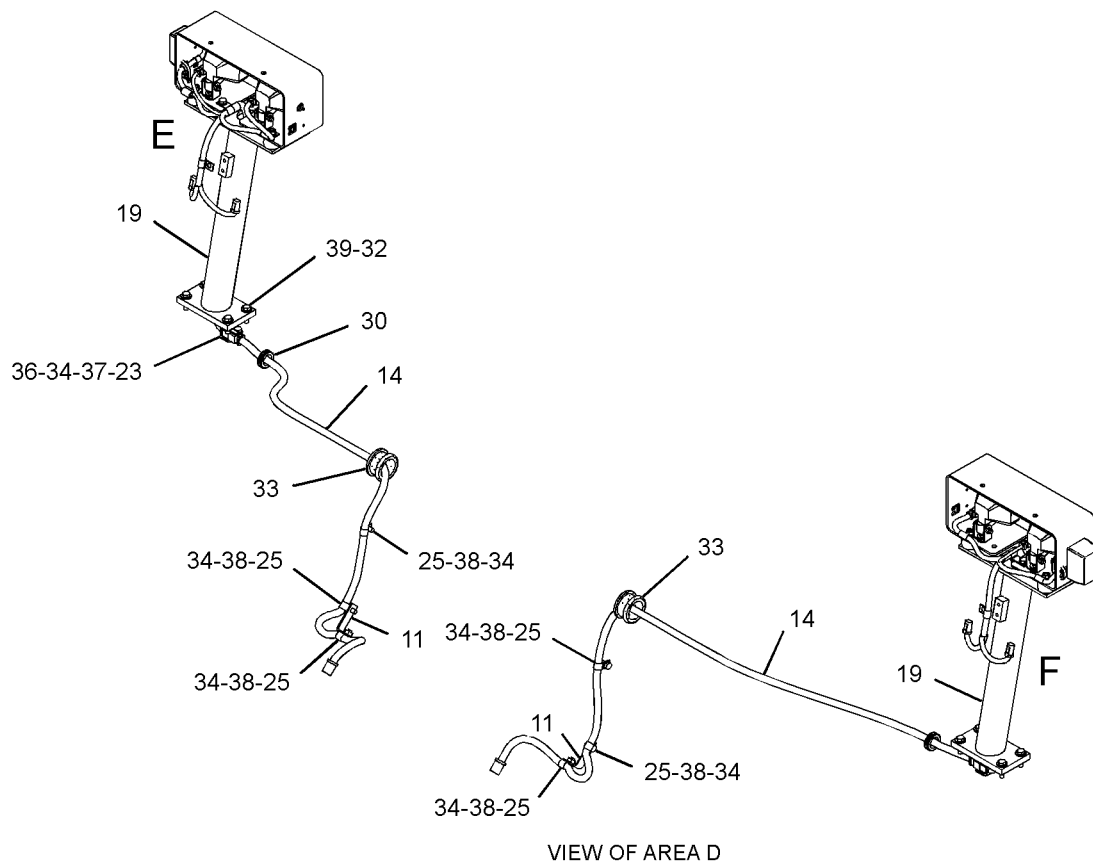
GRAPHIC #1

g02061178

ELECTRICAL AND STARTING SYSTEM

345-0523 LIGHTING GP-FLOOD & SIGNAL (contd.)

i03792170



GRAPHIC #2

<END>

g02061433

ELECTRICAL AND STARTING SYSTEM

8R-5645 LIGHTING GP-STOP-2-LAMP, REAR

S/N: BXY1-UP

PART OF 230-5669, 285-6399 LIGHTING AR-STOP & FLOOD
AN ATTACHMENT

SMCS-1432

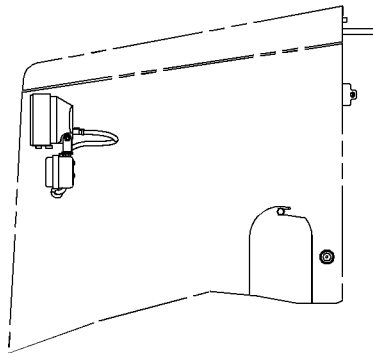
i03645056

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	4E-8975	1	BRACKET	
	2	1	4E-8976	1	BRACKET	
	3	1	4E-9924	1	COVER (RH)	
	4	1	4E-9925	1	COVER (LH)	
Y	5	1	135-0426	2	LAMP GP-SIGNAL (24-VOLT, STOP, TAIL)	341
C	6	1	230-8152	4	SPACER	
C	7	1	230-9715	2	CLIP AS	
CM	8	1	5C-2890	2	NUT (M6X1-THD)	
	9	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)	
M	10	1	8T-4195	4	BOLT (M10X1.5X30-MM)	
C	11	1	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)	
M	12	1	8T-6411	4	SCREW-MACHINE (M6X1X12-MM)	

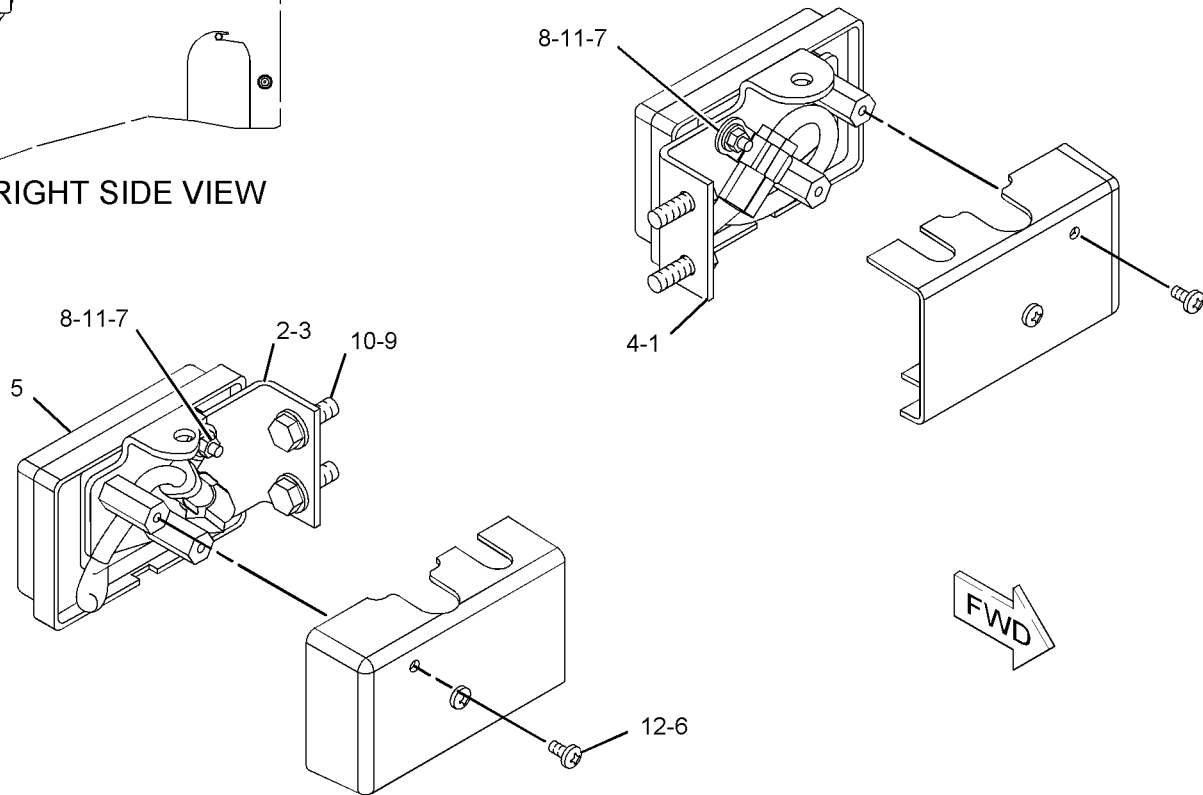
C-CHANGE FROM PREVIOUS TYPE

M-METRIC PART

Y-SEPARATE ILLUSTRATION



RIGHT SIDE VIEW



GRAPHIC #1

<END>

g01024643

ELECTRICAL AND STARTING SYSTEM

296-6055 LIGHTING GP-STOP

S/N: BXY1900-UP

PART OF 285-6399 LIGHTING AR-STOP & FLOOD
AN ATTACHMENT

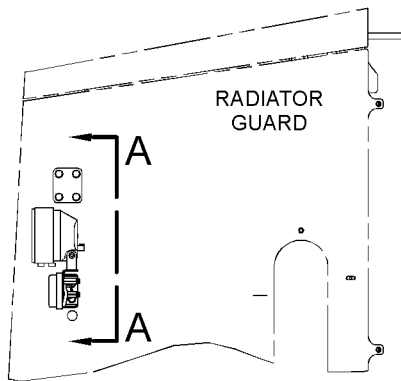
SMCS-1432

i02673386

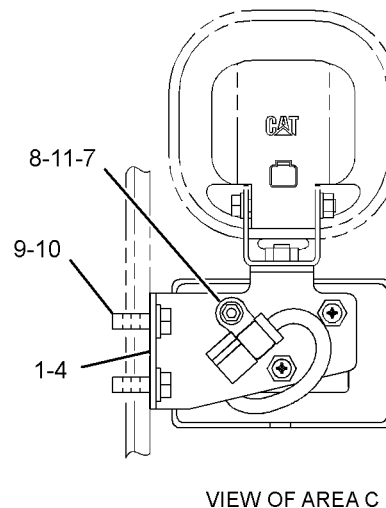
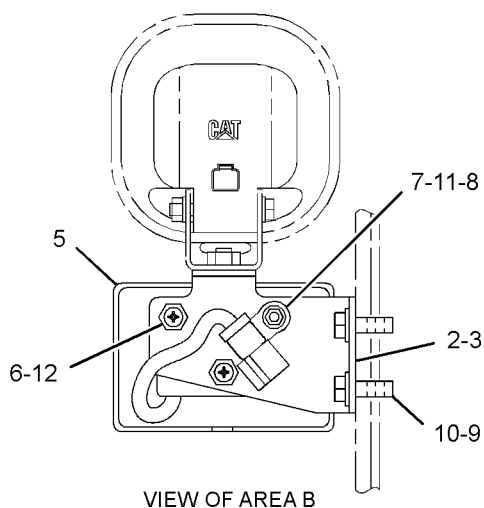
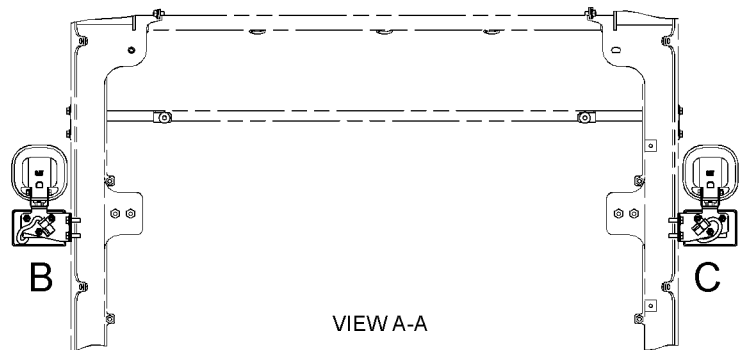
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	4E-8975	1	BRACKET	
	2	1	4E-8976	1	BRACKET	
	3	1	4E-9924	1	COVER (RH)	
	4	1	4E-9925	1	COVER (LH)	
Y	5	1	135-0426	2	LAMP GP-SIGNAL (24-VOLT, STOP, TAIL)	341
	6	1	230-8152	4	SPACER	
	7	1	230-9715	2	CLIP AS	
M	8	1	5C-2890	2	NUT (M6X1-THD)	
	9	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)	
M	10	1	8T-4195	4	BOLT (M10X1.5X30-MM)	
	11	1	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)	
M	12	1	8T-6411	4	SCREW-MACHINE (M6X1X12-MM)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



RIGHT SIDE VIEW



GRAPHIC #1

<END>

g01353250

ELECTRICAL AND STARTING SYSTEM

224-9280 LIGHTING GP-STOP & TAIL- 2-LAMP, HID, RADIATOR GUARD

S/N: BXY1-UP

PART OF 230-5671 LIGHTING AR-STOP & FLOOD
AN ATTACHMENT

SMCS-1432

i02386878

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4E-9924	1	COVER						
	2	1	4E-9925	1	COVER						
Y	3	1	135-0426	2	LAMP GP-SIGNAL (24-VOLT, STOP, TAIL)						341
	4	1	219-0601	1	BRACKET AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	5	1	219-0602	1	BRACKET AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	6	1	230-8152	4	SPACER						
	7	1	230-9715	2	CLIP AS						
M	8	1	5C-2890	6	NUT (M6X1-THD)						
	9	1	8P-8540	2	GROMMET						
	10	1	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)						
M	11	1	8T-4195	8	BOLT (M10X1.5X30-MM)						
	12	1	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)						
M	13	1	8T-6411	4	SCREW-MACHINE (M6X1X12-MM)						

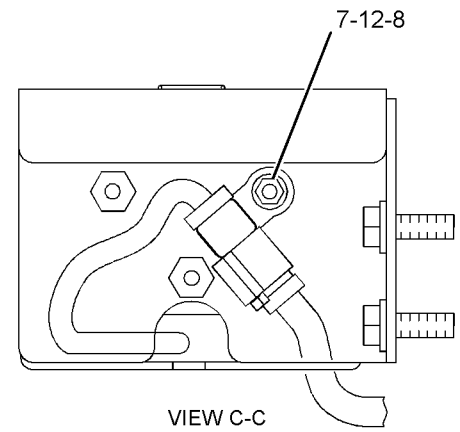
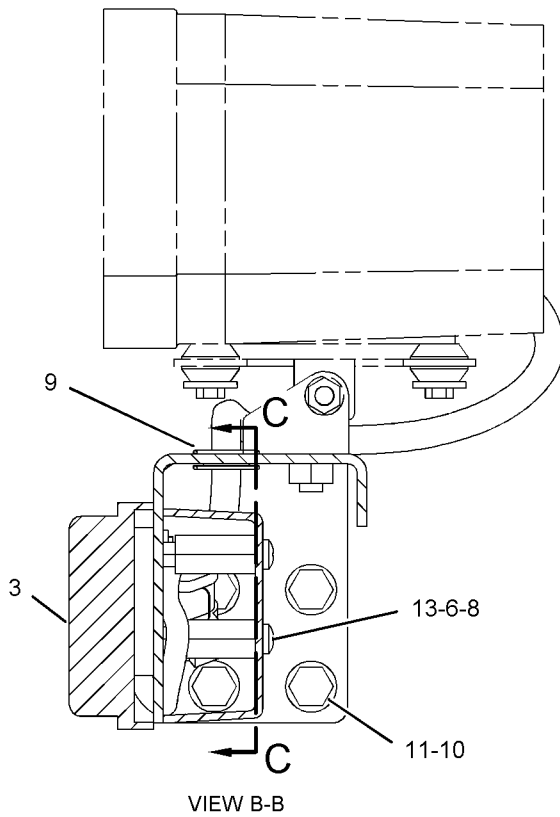
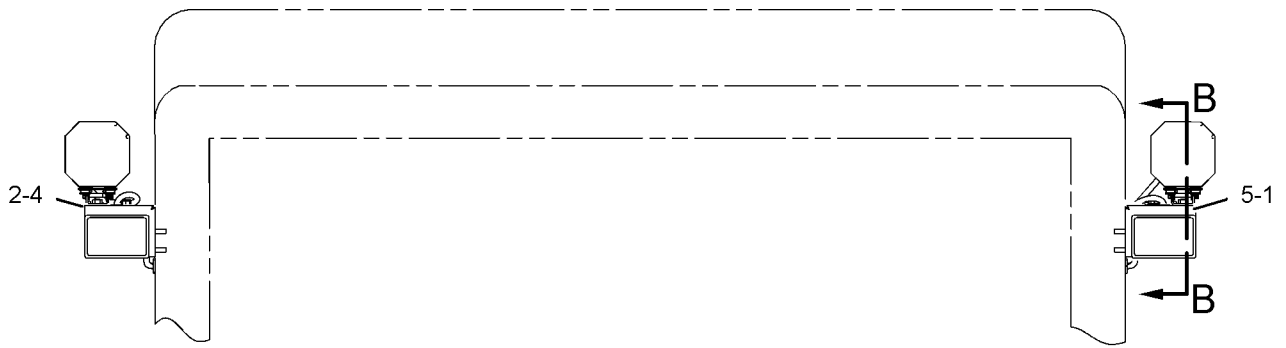
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

224-9280 LIGHTING GP-STOP & TAIL (contd.)

i02386878



GRAPHIC #1

<END>

g01022623

ELECTRICAL AND STARTING SYSTEM

227-3792 LIGHTING GP-WARNING BEACON

S/N: BXY1-UP

FOR USE WITH ROOF MOUNTED AIR CONDITIONER CONDENSER
AN ATTACHMENT

SMCS-1431

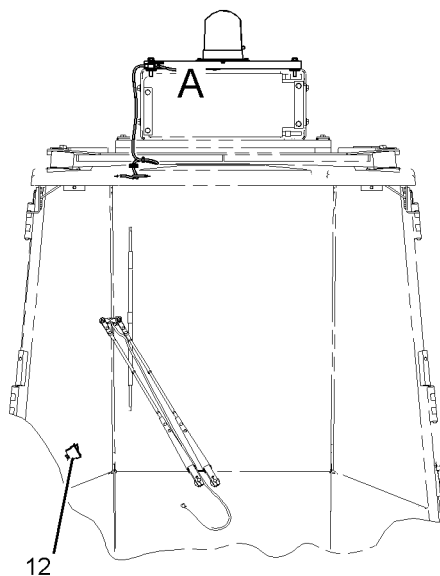
i02764842

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	7K-1181	2	STRAP-CABLE	
	2	1	8B-9294	2	SPACER (13.5X38X30-MM THK)	
	3	1	8R-4001	1	PLATE	
CY	4	1	235-3937	1	LAMP GP-WARNING BEACON (24-VOLT, AMBER, ROTATING)	344
	5	1	192-7969	1	CHANNEL AS	
	6	1	227-3791	1	HARNESS AS-LIGHTING (WARNING BEACON)	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN) (INCLUDES PLUG AS AND WEDGE)	
	7	1	7G-7053	1	GROMMET	
M	8	1	8T-4138	2	BOLT (M6X1X20-MM)	
	9	1	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)	
	10	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)	
M	11	1	8T-4910	2	BOLT (M12X1.75X60-MM)	
	12	1	102-9862	1	SWITCH AS (WARNING BEACON)	
		1	3E-8822	1	ACTUATOR	
		1	3E-8825	1	LAMP (24-VOLT)	

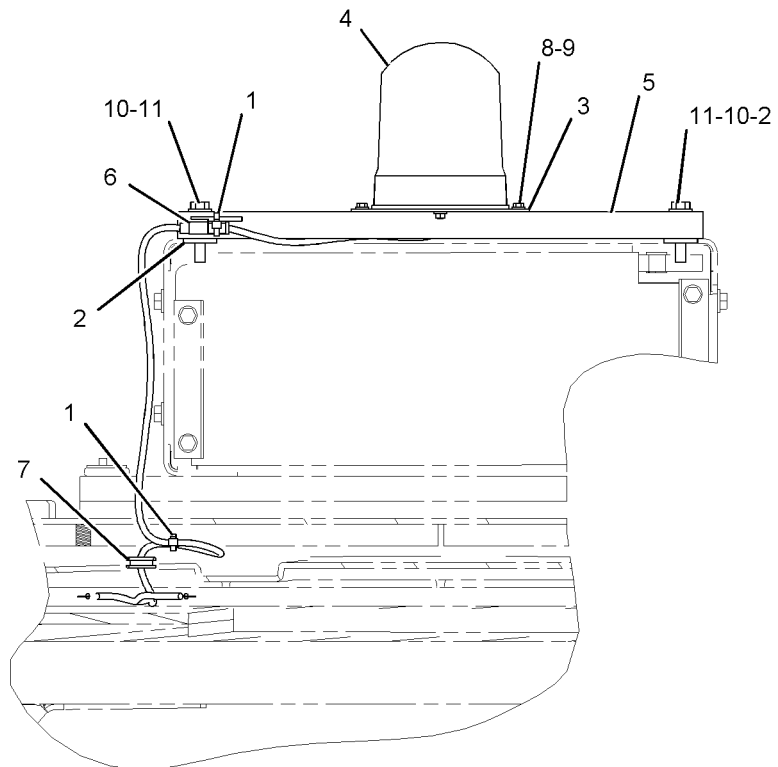
C-CHANGE FROM PREVIOUS TYPE

M-METRIC PART

Y-SEPARATE ILLUSTRATION



FRONT VIEW



VIEW OF AREA A

GRAPHIC #1

<END>

g01032197

ELECTRICAL AND STARTING SYSTEM

231-9411 LIGHTING GP-WARNING BEACON

S/N: BXY1-UP
AN ATTACHMENT

SMCS-1431

i03013508

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	1	STRAP-CABLE						
	2	1	7G-7053	1	GROMMET						
	3	1	312-4125	1	PLATE						
	4	1	219-9522	1	SWITCH AS-ROCKER (WARNING LAMP)						
	5	1	119-8984	1	HARNESS AS-LIGHTING						
Y	6	1	235-3937	1	LAMP GP-WARNING BEACON (24-VOLT, AMBER, ROTATING)						344
	7	1	297-4902	1	CHANNEL AS						
		1	5D-9629	1	ROD						
M		1	6V-9632	2	NUT-WELD (M6X1-THD)						
	8	1	8T-4122	2	WASHER-HARD (17X32X3.5-MM THK)						
M	9	1	8T-4138	2	BOLT (M6X1X20-MM)						
M	10	1	8T-4140	2	BOLT (M16X2X60-MM)						
	11	1	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)						

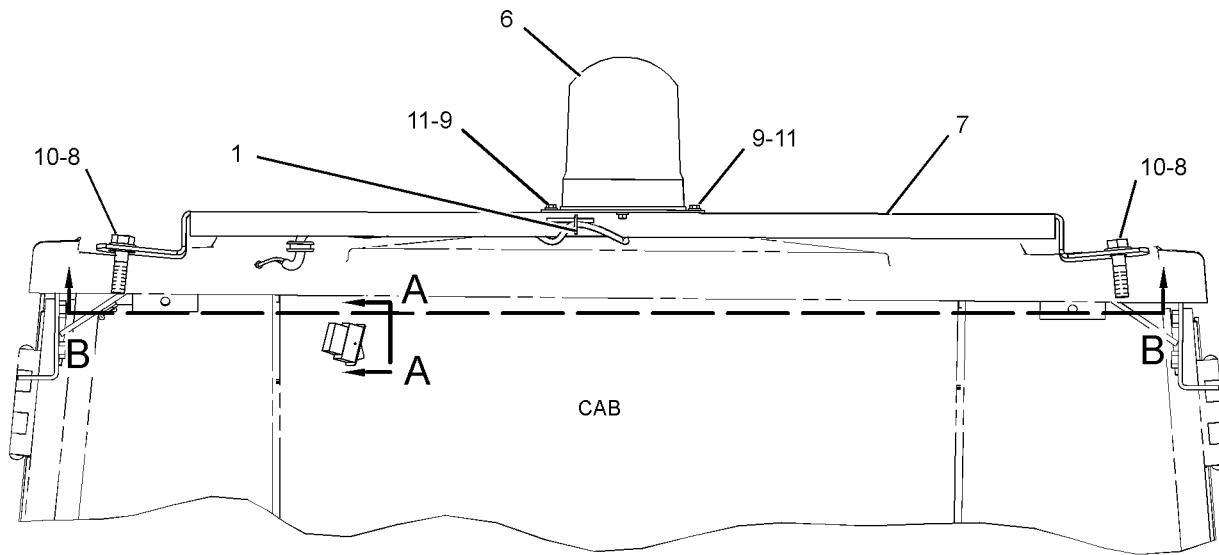
M-METRIC PART

Y-SEPARATE ILLUSTRATION

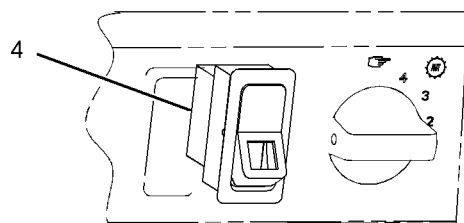
ELECTRICAL AND STARTING SYSTEM

231-9411 LIGHTING GP-WARNING BEACON (contd.)

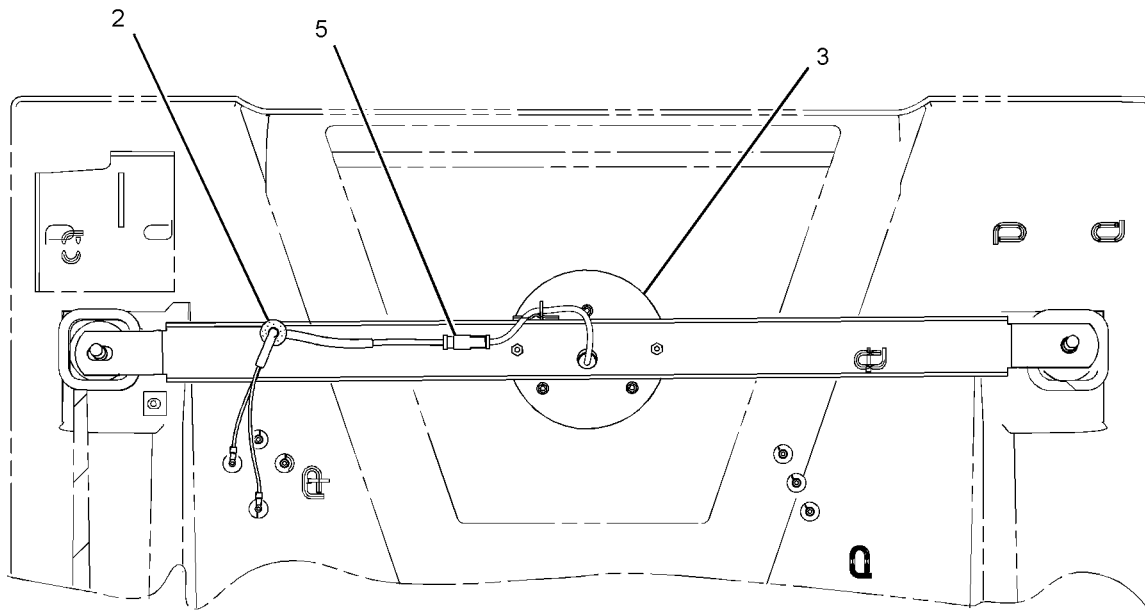
i03013508



FRONT VIEW



VIEW A-A



VIEW B-B

GRAPHIC #1

<END>

g01345462

ELECTRICAL AND STARTING SYSTEM

325-0130 LIGHTING GP-WARNING BEACON

S/N: BXY1-UP
AN ATTACHMENT

SMCS-1431

i03020947

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	235-3937	1	LAMP GP-WARNING BEACON (24-VOLT, AMBER, ROTATING)						344
	297-4902	1	CHANNEL AS						
	119-8984	1	HARNESS AS-LIGHTING						
	219-9522	1	SWITCH AS-ROCKER (WARNING BEACON)						
M	8T-4138	2	BOLT (M6X1X20-MM)						
M	8T-4140	2	BOLT (M16X2X60-MM)						
	7G-7053	1	GROMMET						
	312-4125	1	PLATE						
	3S-2093	1	STRAP-CABLE						
	8T-4122	2	WASHER-HARD (17X32X3.5-MM THK)						
	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)						
M-METRIC PART Y-SEPARATE ILLUSTRATION									
<END>									

ELECTRICAL AND STARTING SYSTEM

350-9957 LIGHTING GP-WARNING BEACON

S/N: BXY4000-UP

AN ATTACHMENT

SMCS-1431

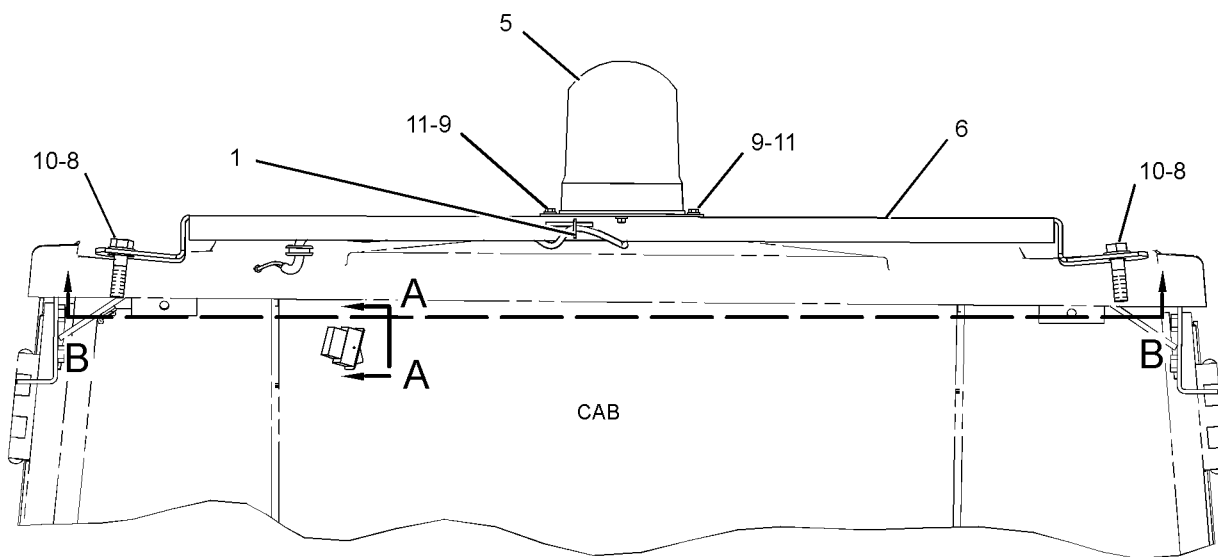
i03799763

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	1	STRAP-CABLE						
	2	1	7G-7053	1	GROMMET						
	3	1	119-8984	1	HARNESS AS-LIGHTING						
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
					(INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
		1	2L-8076	2	TERMINAL-RING (14-GA TO 16-GA, NO. 10 SCREW)						
		1	9W-0844	2	SOCKET-CONNECTOR (14-GA)						
	4	1	237-9736	1	SWITCH AS-ROCKER (WARNING BEACON)						
Y	5	1	284-3757	1	LAMP GP-WARNING BEACON (AMBER, STROBE)						345
	6	1	297-4902	1	CHANNEL AS						
		1	5D-9629	1	ROD						
M		1	6V-9632	2	NUT-WELD (M6X1-THD)						
	7	1	312-4125	1	PLATE						
	8	1	8T-4122	2	WASHER-HARD (17X32X3.5-MM THK)						
M	9	1	8T-4138	2	BOLT (M6X1X20-MM)						
M	10	1	8T-4140	2	BOLT (M16X2X60-MM)						
	11	1	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)						
M-METRIC PART											
Y-SEPARATE ILLUSTRATION											

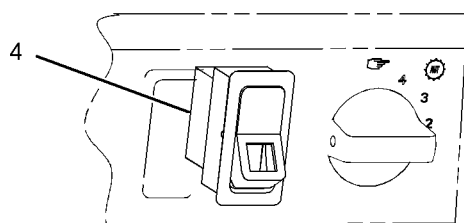
ELECTRICAL AND STARTING SYSTEM

350-9957 LIGHTING GP-WARNING BEACON (contd.)

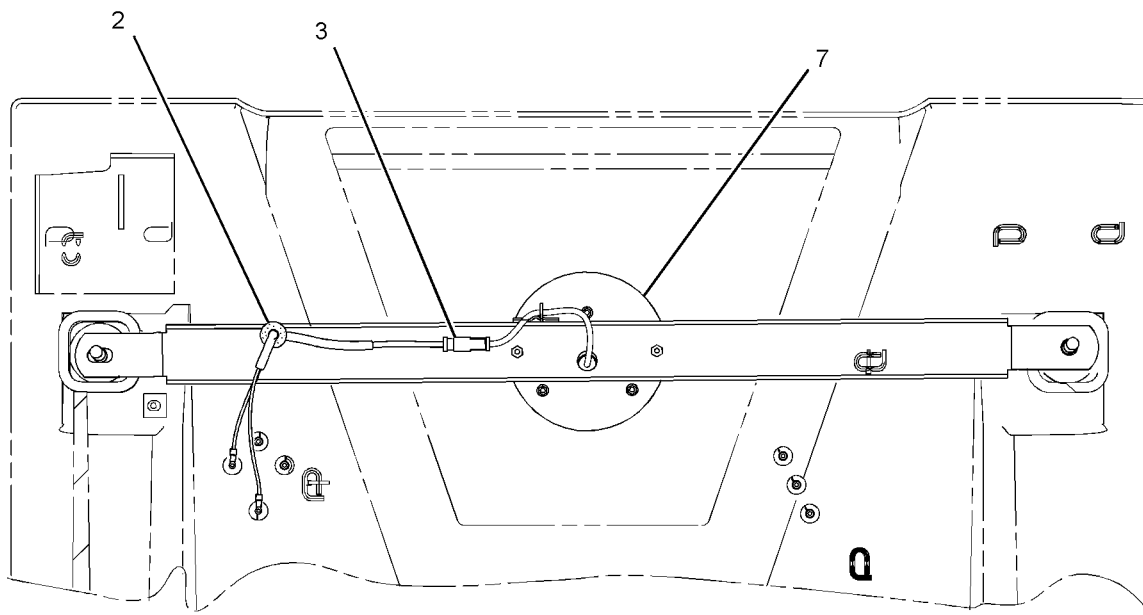
i03799763



FRONT VIEW



VIEW A-A



VIEW B-B

GRAPHIC #1

<END>

g02058953

ELECTRICAL AND STARTING SYSTEM

350-9958 LIGHTING GP-WARNING BEACON

S/N: BXY4000-UP

AN ATTACHMENT

SMCS-1431

i03799761

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	7K-1181	2	STRAP-CABLE	
	2	1	8B-9294	2	SPACER (13.5X38X30-MM THK)	
	3	1	8R-4001	1	PLATE	
	4	1	192-7969	1	CHANNEL AS	
		1	5D-9629	1	ROD	
M		1	6V-9632	2	NUT-WELD (M6X1-THD)	
	5	1	227-3791	1	HARNESS AS-LIGHTING (WARNING BEACON)	
		1	2L-8076	2	TERMINAL-RING (14-GA TO 16-GA, NO. 10 SCREW)	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)	
		1	9W-0844	2	SOCKET-CONNECTOR (14-GA)	
	6	1	237-9736	1	SWITCH AS-ROCKER (WARNING BEACON)	
Y	7	1	284-3757	1	LAMP GP-WARNING BEACON (AMBER, STROBE)	345
	8	1	7G-7053	1	GROMMET	
M	9	1	8T-4138	2	BOLT (M6X1X20-MM)	
	10	1	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)	
	11	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)	
M	12	1	8T-4910	2	BOLT (M12X1.75X60-MM)	

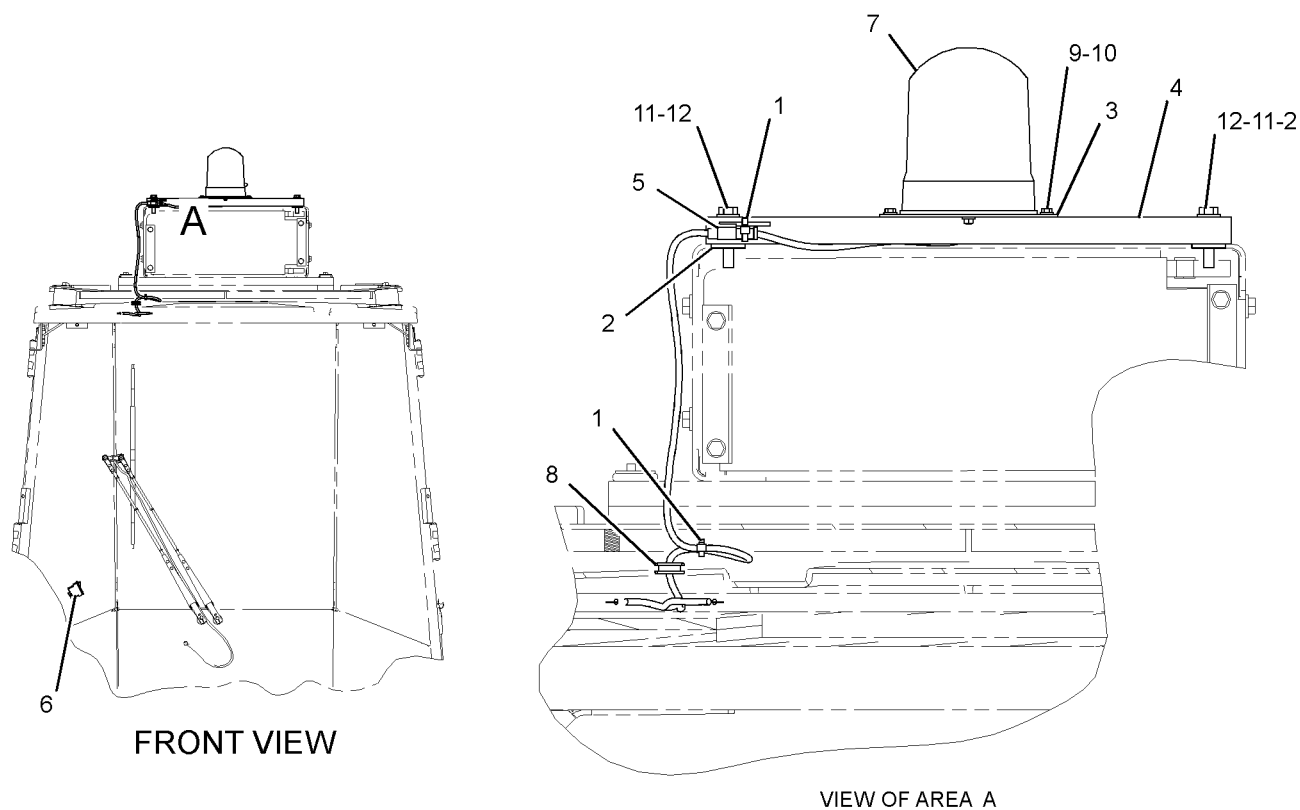
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

350-9958 LIGHTING GP-WARNING BEACON (contd.)

i03799761



GRAPHIC #1

<END>

g02058993

ELECTRICAL AND STARTING SYSTEM

260-0266 MOUNTING GP-SENSOR- ATMOSPHERIC AIR, ENGINE OIL

S/N: RHX1-3761

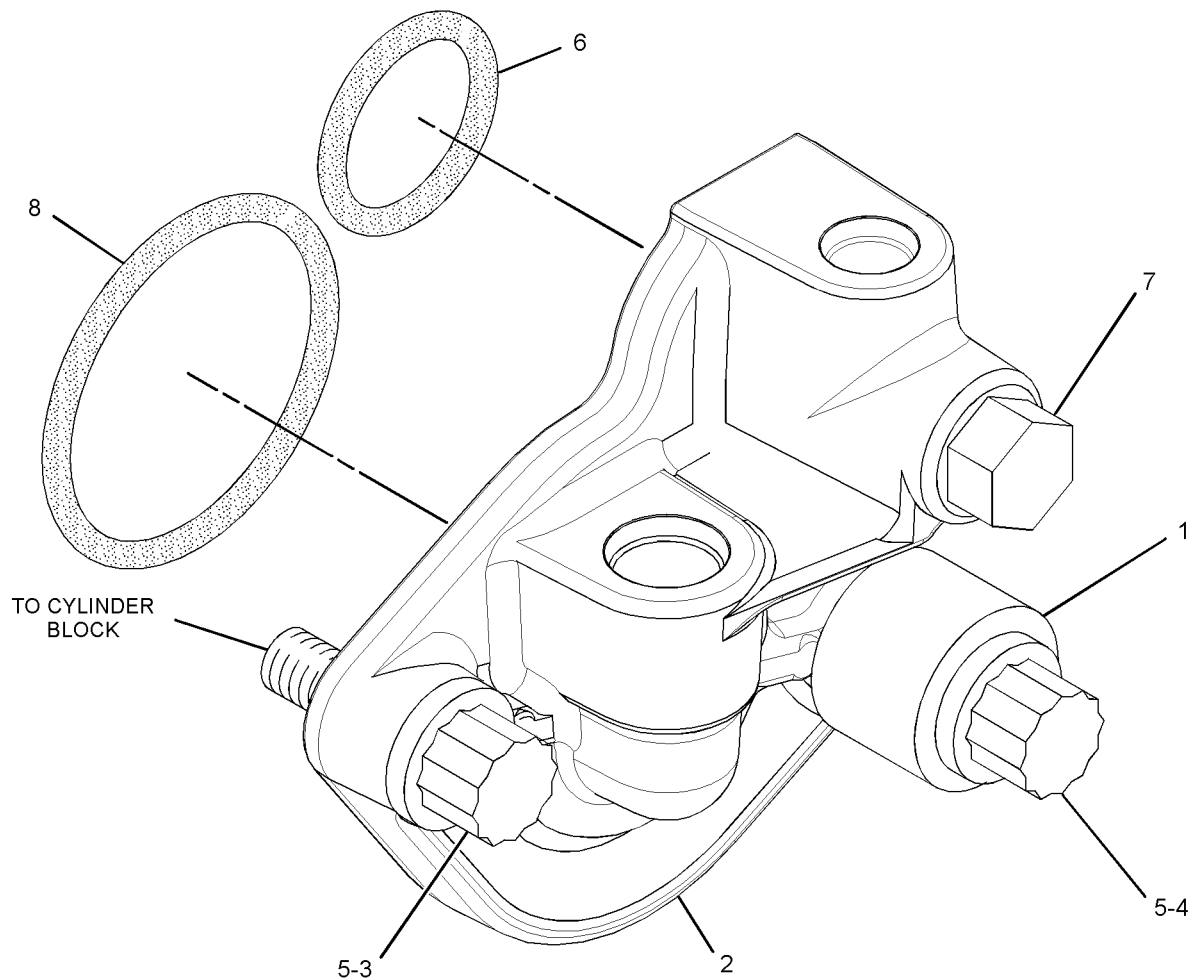
PROVIDES A SPACER TO CREATE CLEARANCE BETWEEN THE FUMES DISPOSAL TUBE AND
MACHINE SIDE ENGINE HARNESS

PART OF 225-6065, 225-6106 ENGINE AR-COMplete
AN ATTACHMENT

SMCS-5736, 5953

i02910171

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6P-9592	1	SPACER (0.438X1X0.72-IN THK)						
	2	1	166-6693	1	ADAPTER						
	3	1	1T-0720	1	BOLT-12 POINT HEAD (3/8-16X1.25-IN)						
	4	1	3S-1307	1	BOLT-12 POINT HEAD (3/8-16X2-IN)						
	5	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	6	1	6V-3683	1	SEAL-O-RING						
	7	1	309-5130	1	PLUG AS						
		1	214-7566	1	SEAL-O-RING						
		1	9S-4182	1	PLUG-O-RING						
	8	1	8J-4351	1	SEAL-O-RING						



GRAPHIC #1

<END>

g01514334

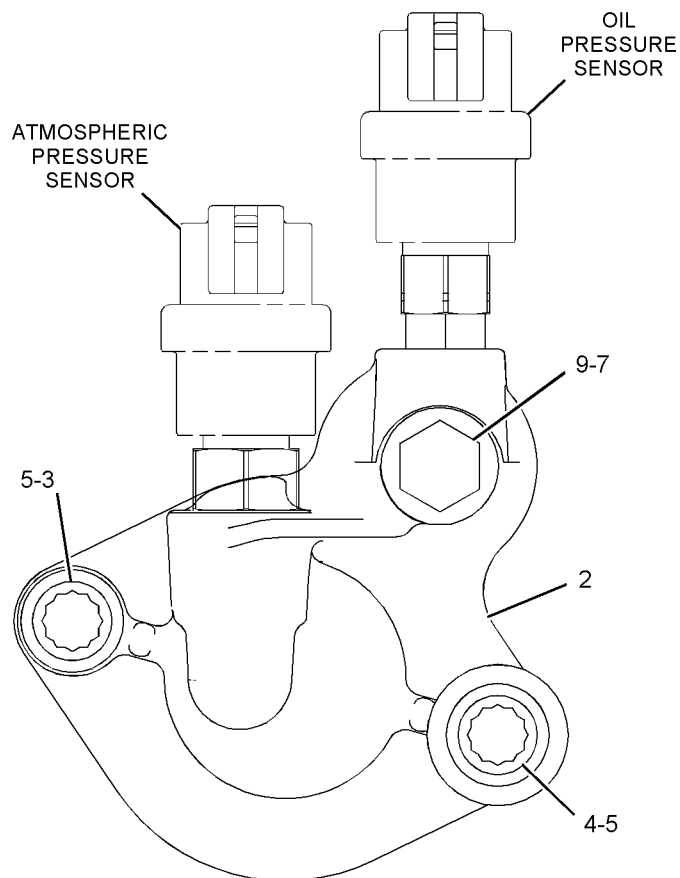
ELECTRICAL AND STARTING SYSTEM

299-7326 MOUNTING GP-SENSOR- ATMOSPHERIC AIR, ENGINE OIL S/N: RHX3762-UP PART OF 225-6065, 225-6106 ENGINE AR-COMplete AN ATTACHMENT

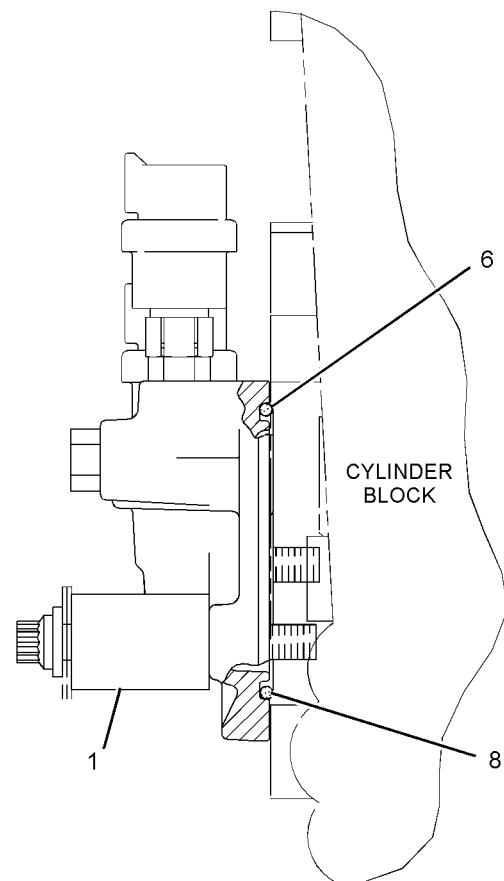
SMCS-5736, 5953

i02686397

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	068-8579	1	SPACER (11X25.4X36.6-MM THK)						
	2	1	166-6693	1	ADAPTER						
	3	1	1T-0720	1	BOLT-12 POINT HEAD (3/8-16X1.25-IN)						
	4	1	2S-3567	1	BOLT-12 POINT HEAD (3/8-16X2.75-IN)						
	5	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	6	1	6V-3683	1	SEAL-O-RING						
	7	1	6V-5048	1	SEAL-O-RING						
	8	1	8J-4351	1	SEAL-O-RING						
	9	1	9S-4182	1	PLUG-O-RING						



LEFT SIDE VIEW OF ENGINE



REAR VIEW OF ENGINE

GRAPHIC #1

<END>

g01350958

ELECTRICAL AND STARTING SYSTEM

299-7327 MOUNTING GP-SENSOR

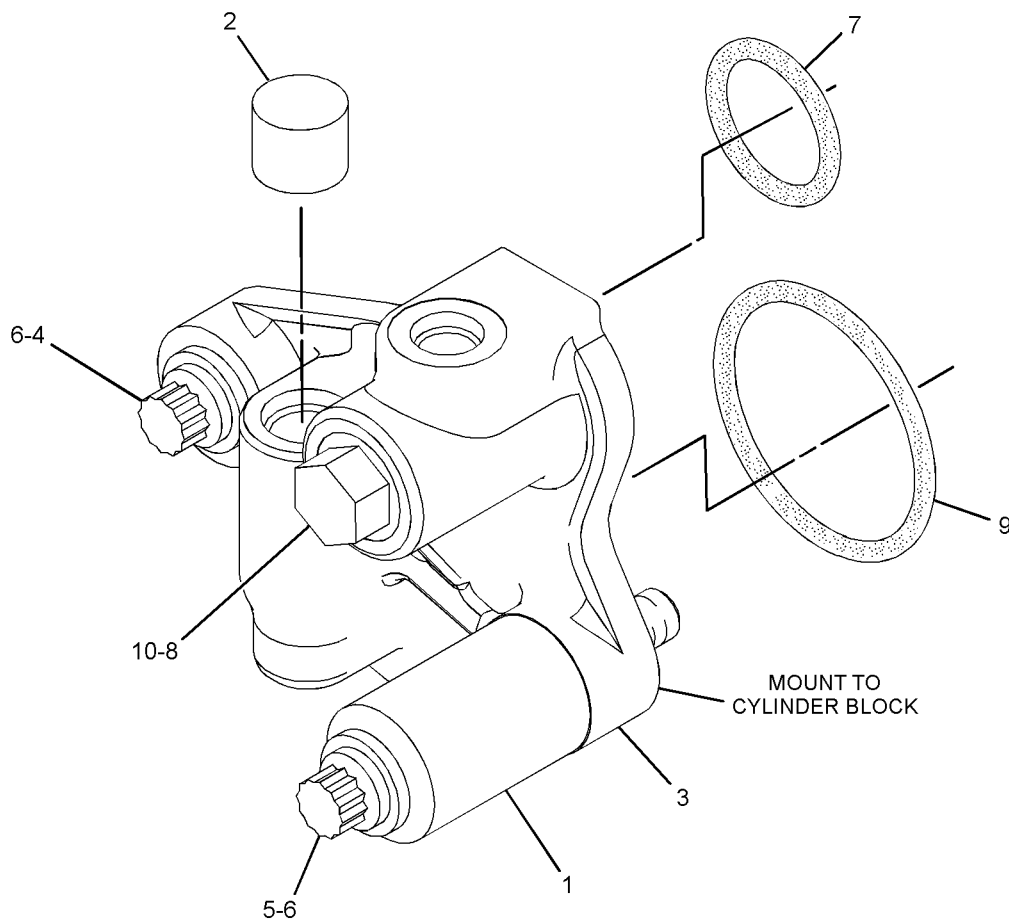
S/N: RHX1-UP

PART OF 281-6452 ENGINE AR-COMplete
AN ATTACHMENT

SMCS-5736, 5953

i03093000

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	068-8579	1	SPACER (11X25.4X36.6-MM THK)						
	2	1	125-5835	1	PLUG-FELT						
	3	1	254-4957	1	ADAPTER						
	4	1	1T-0720	1	BOLT-12 POINT HEAD (3/8-16X1.25-IN)						
	5	1	2S-3567	1	BOLT-12 POINT HEAD (3/8-16X2.75-IN)						
	6	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	7	1	6V-3683	1	SEAL-O-RING						
	8	1	6V-5048	1	SEAL-O-RING						
	9	1	8J-4351	1	SEAL-O-RING						
	10	1	9S-4182	1	PLUG-O-RING						



GRAPHIC #1

<END>

g01586193

ELECTRICAL AND STARTING SYSTEM

306-4214 PLUG GP-CONNECTOR

S/N: BXY2491-UP

PART OF 2Q-8733, 2Q-8749 STEEL MILL AR
AN ATTACHMENT

SMCS-1403, 1408

i03161923

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	261-1515	1	PLUG AS-CONNECTOR						
<END>									

ELECTRICAL AND STARTING SYSTEM

169-3301 SENSOR & MTG GP-LIFT POSITION

S/N: BXY1-2924

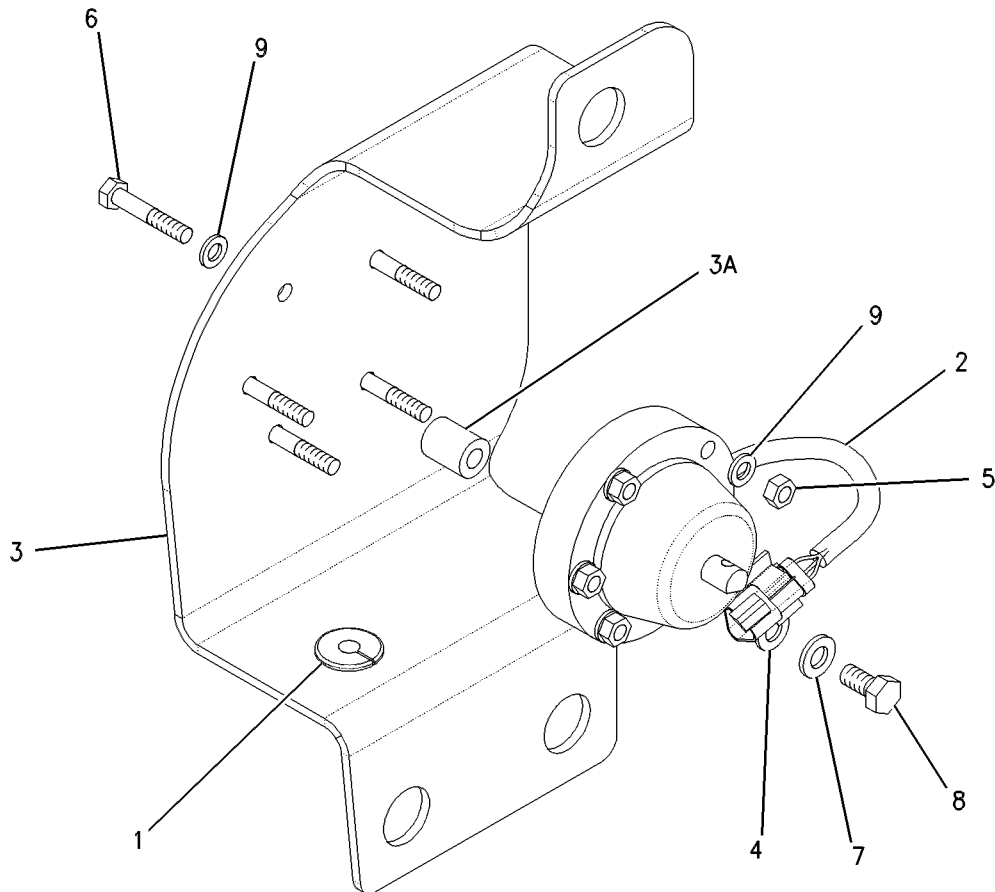
PART OF 114-5192 CONTROL GP-LIFT & TILT POS
AN ATTACHMENT

SMCS-5736

i01418529

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	116-5710	1	GROMMET						
Y	2	1	169-0417	1	SENSOR GP-POSITION (LIFT)						414
	3	1	169-3311	1	BRACKET AS						
M	3A	1	9R-2613	1	BOSS-WELD (M10X1.5X25-MM)						
	4	1	115-3069	1	CLIP AS-CONNECTOR (3-PIN)						
M	5	1	5C-7261	5	NUT (M8X1.25-THD)						
M	6	1	7X-0818	5	BOLT (M8X1.25X45-MM)						
	7	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						
M	8	1	8T-4137	1	BOLT (M10X1.5X20-MM)						
	9	1	8T-4224	10	WASHER-HARD (8.8X16X2-MM THK)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00624710

ELECTRICAL AND STARTING SYSTEM

169-3301 SENSOR & MTG GP-LIFT POSITION

S/N: BXY2925-UP

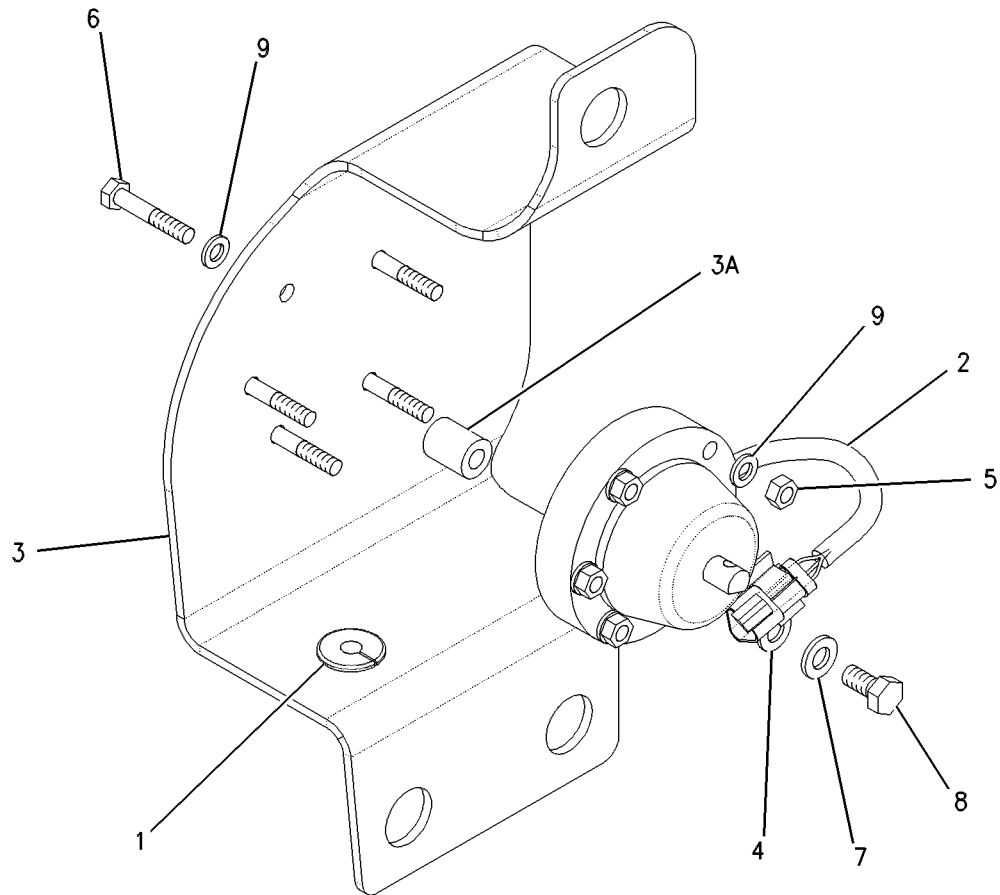
PART OF 114-5192 CONTROL GP-LIFT & TILT POS
AN ATTACHMENT

SMCS-5736

i03627054

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	116-5710	1	GROMMET						
CY	2	1	266-2337	1	SENSOR GP-POSITION (ROTARY)						418
	3	1	169-3311	1	BRACKET AS						
M	3A	1	9R-2613	1	BOSS-WELD (M10X1.5X25-MM)						
	4	1	115-3069	1	CLIP AS-CONNECTOR (3-PIN)						
M	5	1	5C-7261	5	NUT (M8X1.25-THD)						
M	6	1	7X-0818	5	BOLT (M8X1.25X45-MM)						
	7	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						
M	8	1	8T-4137	1	BOLT (M10X1.5X20-MM)						
	9	1	8T-4224	10	WASHER-HARD (8.8X16X2-MM THK)						

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



GRAPHIC #1

<END>

g00624710

ELECTRICAL AND STARTING SYSTEM

169-3302 SENSOR & MTG GP-TILT POSITION

S/N: BXY1-2924

PART OF 114-5192 CONTROL GP-LIFT & TILT POS
AN ATTACHMENT

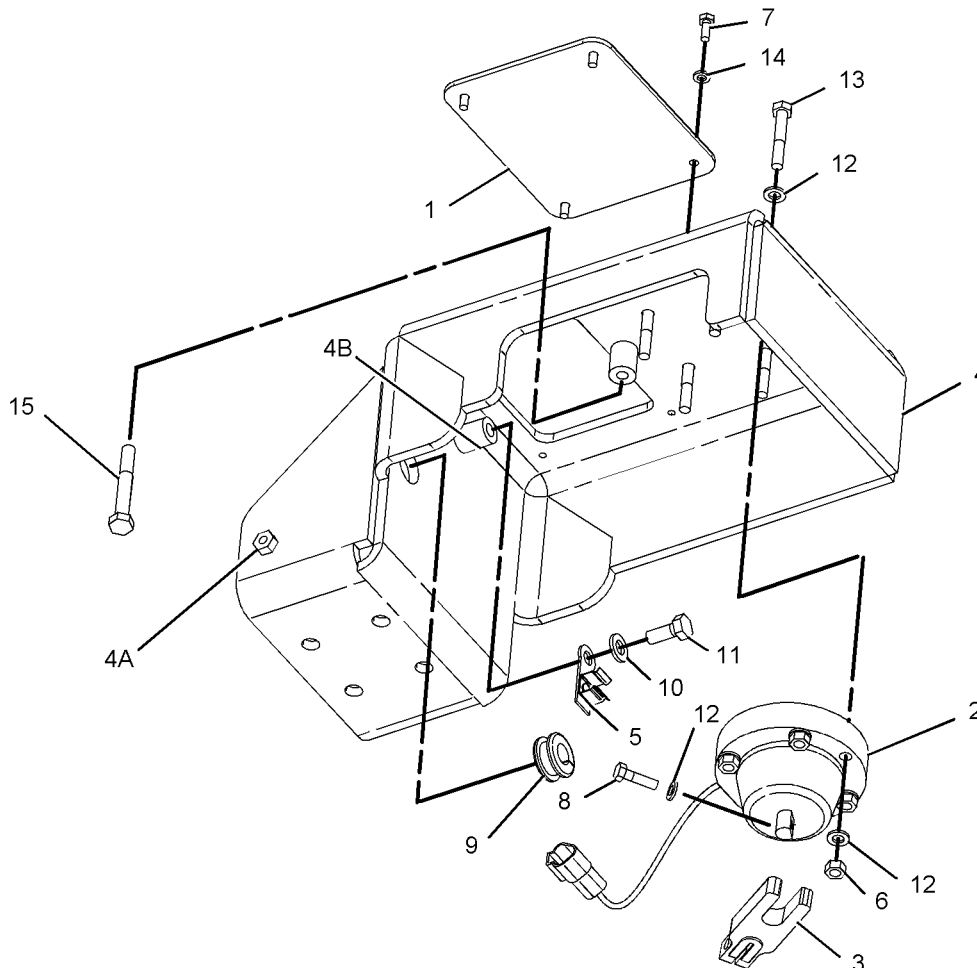
SMCS-5736

i01992411

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	157-6210	1	PLATE	
Y	2	1	169-0417	1	SENSOR GP-POSITION (TILT)	414
	3	1	199-5670	1	PLATE AS	
	4	1	178-6265	1	BRACKET AS	
M	4A	1	8T-3612	1	NUT-WELD (M8X1.25-THD)	
M	4B	1	9R-2613	1	BOSS-WELD (M10X1.5X25-MM)	
	5	1	115-3069	1	CLIP AS-CONNECTOR (3-PIN)	
M	6	1	5C-7261	5	NUT (M8X1.25-THD)	
M	7	1	5C-9553	4	BOLT (M6X1X16-MM)	
M	8	1	8T-7547	1	BOLT (M8X1.25X30-MM)	
	9	1	7X-4780	1	GROMMET	
	10	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)	
M	11	1	8T-4136	1	BOLT (M10X1.5X25-MM)	
	12	1	8T-4224	11	WASHER-HARD (8.8X16X2-MM THK)	
M	13	1	8T-6912	5	BOLT (M8X1.25X50-MM)	
	14	1	9X-8256	4	WASHER (6.6X12X2-MM THK)	
M	15	1	8T-5005	1	BOLT (M10X1.5X70-MM)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01075068

ELECTRICAL AND STARTING SYSTEM

169-3302 SENSOR & MTG GP-TILT POSITION

S/N: BXY2925-UP

PART OF 114-5192 CONTROL GP-LIFT & TILT POS
AN ATTACHMENT

SMCS-5736

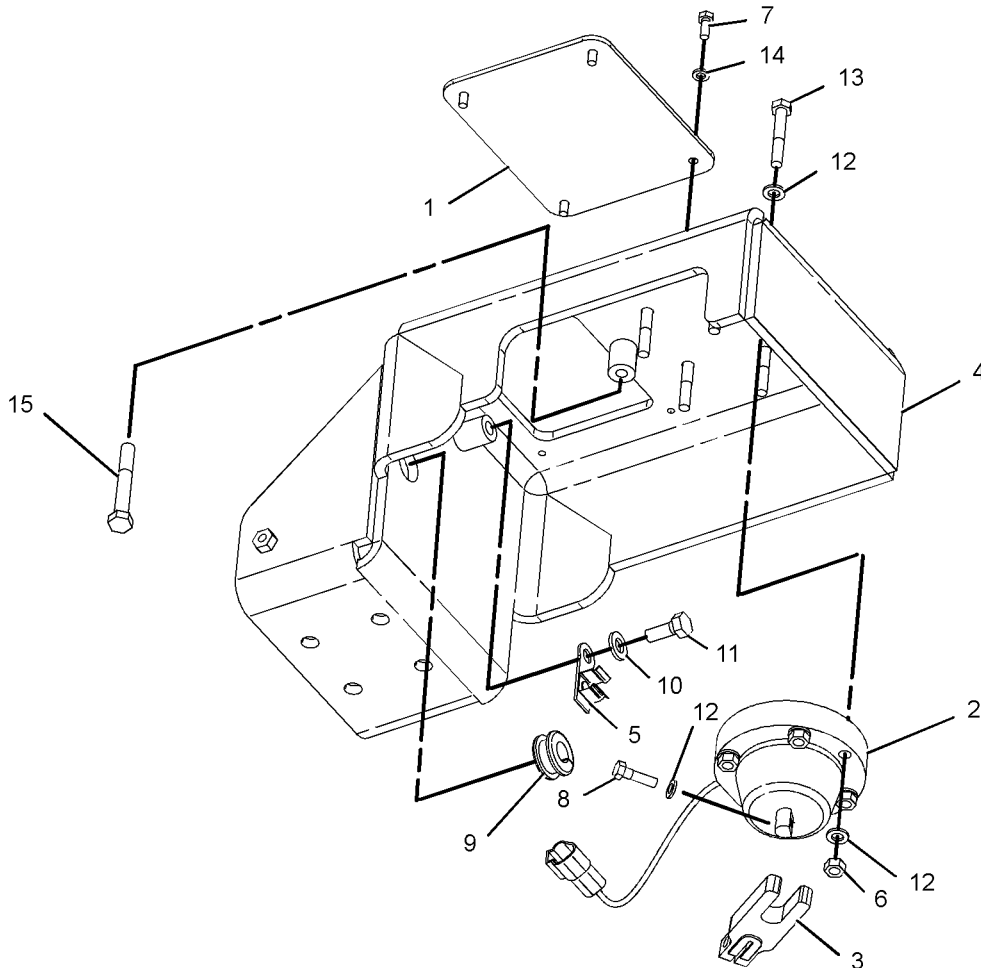
i03627065

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	157-6210	1	PLATE	
CY	2	1	266-2337	1	SENSOR GP-POSITION (ROTARY)	418
	3	1	199-5670	1	PLATE AS	
	4	1	178-6265	1	BRACKET AS	
	5	1	115-3069	1	CLIP AS-CONNECTOR (3-PIN)	
M	6	1	5C-7261	5	NUT (M8X1.25-THD)	
M	7	1	5C-9553	4	BOLT (M6X1X16-MM)	
M	8	1	8T-7547	1	BOLT (M8X1.25X30-MM)	
	9	1	7X-4780	1	GROMMET	
	10	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)	
M	11	1	8T-4136	1	BOLT (M10X1.5X25-MM)	
	12	1	8T-4224	11	WASHER-HARD (8.8X16X2-MM THK)	
M	13	1	8T-6912	5	BOLT (M8X1.25X50-MM)	
	14	1	9X-8256	4	WASHER (6.6X12X2-MM THK)	
M	15	1	8T-5005	2	BOLT (M10X1.5X70-MM)	

C-CHANGE FROM PREVIOUS TYPE

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02052013

ELECTRICAL AND STARTING SYSTEM

231-1973 SENSOR GP-ENGINE

S/N: RHX1-1584

PART OF 225-6065, 225-6106 ENGINE AR-COMplete
AN ATTACHMENT

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

i03774109

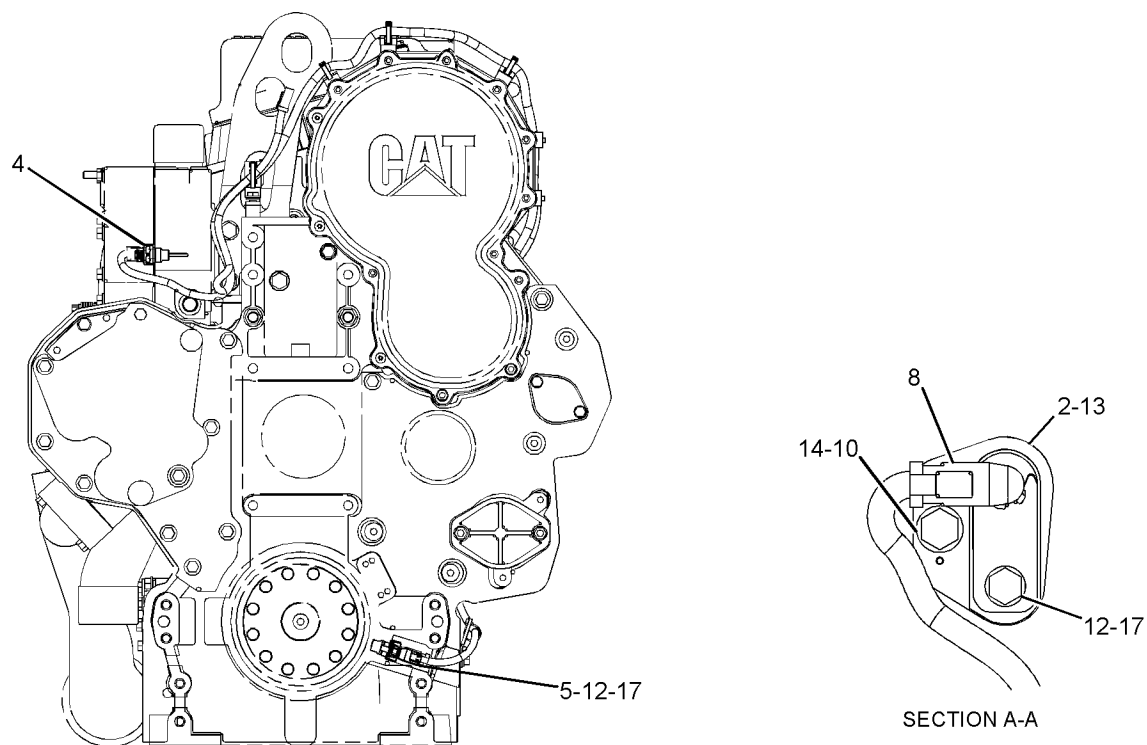
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-0262	1	ADAPTER						
	2	1	132-9770	1	SPACER AS						
		1	1W-6448	2	DOWEL						
Y	3	1	197-8391	1	SENSOR GP-TEMPERATURE (INTAKE AIR MANIFOLD)						435
Y	4	1	197-8392	1	SENSOR GP-TEMPERATURE (WATER COOLANT)						436
Y	5	1	214-2484	1	SENSOR GP-SPEED (TIMING, CRANKSHAFT)						430
Y	6	1	239-2395	1	SENSOR GP-PRESSURE (ATMOSPHERIC AIR)						423
Y	7	1	239-2396	1	SENSOR GP-PRESSURE (ENGINE OIL)						424
Y	8	1	239-5928	1	SENSOR GP-SPEED (TIMING, CAMSHAFT)						431
	9	1	241-6186	1	ELBOW						
	10	1	0S-1591	1	BOLT (3/8-16X1.5-IN)						
Y	11	1	239-5674	1	SENSOR GP-PRESSURE (AIR INLET MANIFOLD)						426
	12	1	2H-3755	2	BOLT (5/16-18X0.43-IN)						
	13	1	3P-1155	1	SEAL-O-RING						
	14	1	5M-2894	1	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	15	1	6V-5048	1	SEAL-O-RING						
	16	1	6V-5049	1	SEAL-O-RING						
	17	1	9M-1974	2	WASHER-HARD (8.8X16X2-MM THK)						

Y-SEPARATE ILLUSTRATION

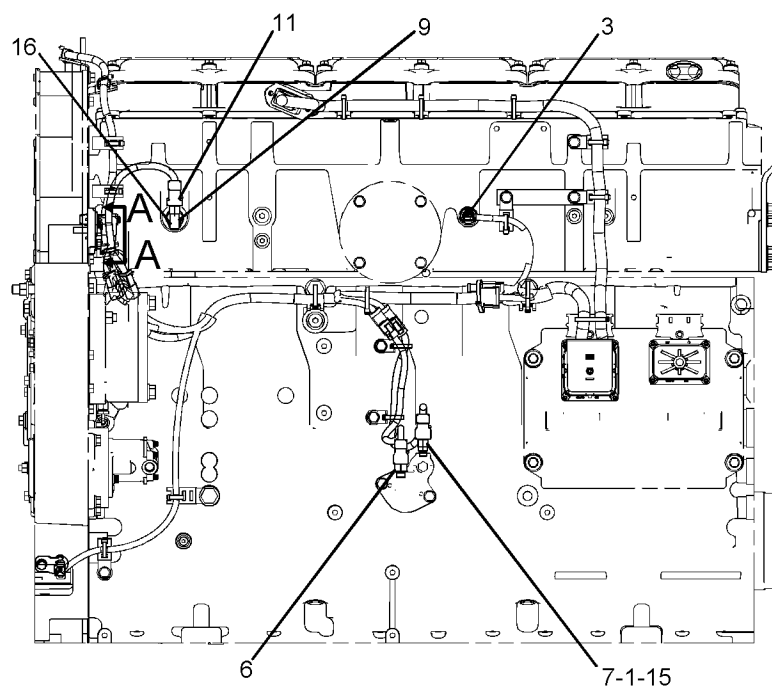
ELECTRICAL AND STARTING SYSTEM

231-1973 SENSOR GP-ENGINE (contd.)

i03774109



FRONT VIEW



LEFT SIDE VIEW

<END>

GRAPHIC #1

g01055021

ELECTRICAL AND STARTING SYSTEM

231-1973 SENSOR GP-ENGINE

S/N: RHX1-UP

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMPLETE
AN ATTACHMENT

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

i03774110

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-0262	1	ADAPTER						
	2	1	132-9770	1	SPACER AS						
		1	1W-6448	2	DOWEL						
CY	3	1	274-7395	1	SENSOR GP-TEMPERATURE (INTAKE AIR MANIFOLD)						438
CY	4	1	274-7396	1	SENSOR GP-TEMPERATURE (ENGINE COOLANT)						439
Y	5	1	214-2484	1	SENSOR GP-SPEED (TIMING, CRANKSHAFT)						430
Y	6	1	239-2395	1	SENSOR GP-PRESSURE (ATMOSPHERIC AIR)						423
Y	7	1	239-2396	1	SENSOR GP-PRESSURE (ENGINE OIL)						424
Y	8	1	239-5928	1	SENSOR GP-SPEED (TIMING, CAMSHAFT)						431
	9	1	241-6186	1	ELBOW						
	10	1	0S-1591	1	BOLT (3/8-16X1.5-IN)						
Y	11	1	239-5674	1	SENSOR GP-PRESSURE (AIR INLET MANIFOLD)						426
	12	1	2H-3755	2	BOLT (5/16-18X0.43-IN)						
	13	1	3P-1155	1	SEAL-O-RING						
	14	1	5M-2894	1	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	15	1	6V-5048	1	SEAL-O-RING						
	16	1	6V-5049	1	SEAL-O-RING						
	17	1	9M-1974	2	WASHER-HARD (8.8X16X2-MM THK)						

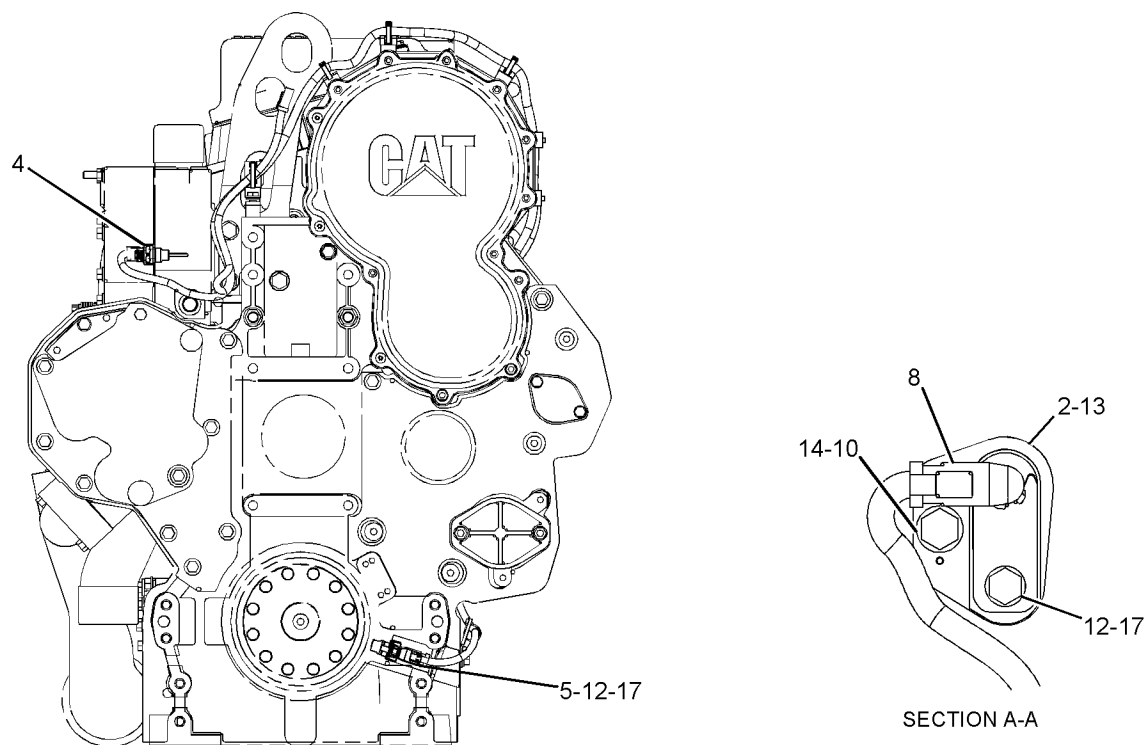
C-CHANGE FROM PREVIOUS TYPE

Y-SEPARATE ILLUSTRATION

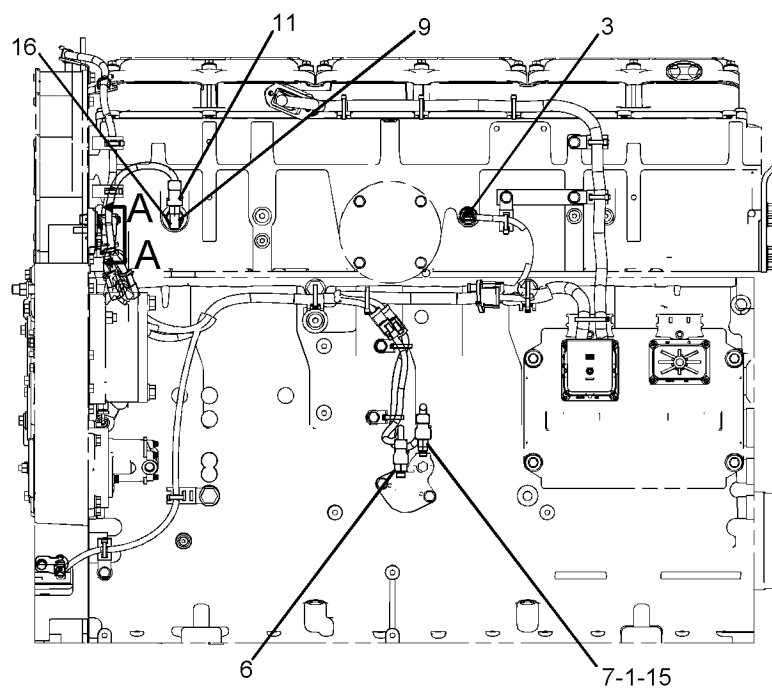
ELECTRICAL AND STARTING SYSTEM

231-1973 SENSOR GP-ENGINE (contd.)

i03774110



FRONT VIEW



LEFT SIDE VIEW

<END>

GRAPHIC #1

g01055021

ELECTRICAL AND STARTING SYSTEM

169-0417 SENSOR GP-POSITION

S/N: BXY1-UP

140-DEGREE

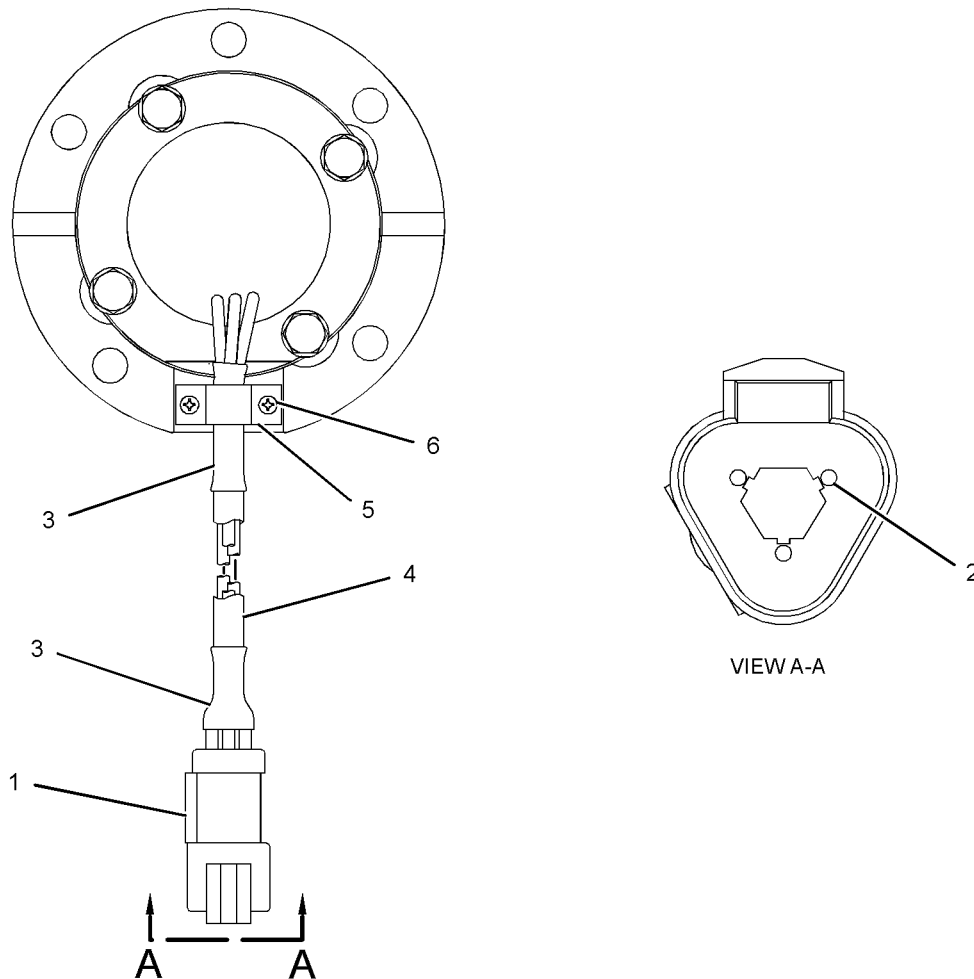
PART OF 287-3679 GUARD GP-SENSOR, 169-3301 SENSOR & MTG GP-LIFT POSITION,
169-3302 SENSOR & MTG GP-TILT POSITION
AN ATTACHMENT

SMCS-4269, 5702, 5736, 5737, 7494

i03480120

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	9X-3401	3	PIN-CONNECTOR (16-GA TO 18-GA)	
E	3	1	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (5-CM)	
E	4	1	9X-1813		SLEEVE (17-CM)	
	5	1	172-1482	1	CLAMP	
M	6	1	3E-8048	2	SCREW-MACHINE (M3X0.5X6-MM)	

E-ORDER BY THE CENTIMETER
M-METRIC PART



GRAPHIC #1

<END>

g01820844

ELECTRICAL AND STARTING SYSTEM

204-7949 SENSOR GP-POSITION

S/N: BXY1-UP

72-DEGREE

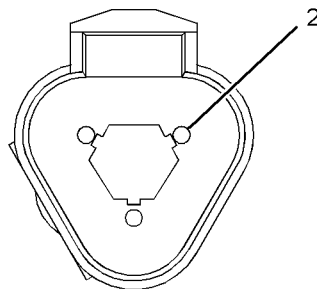
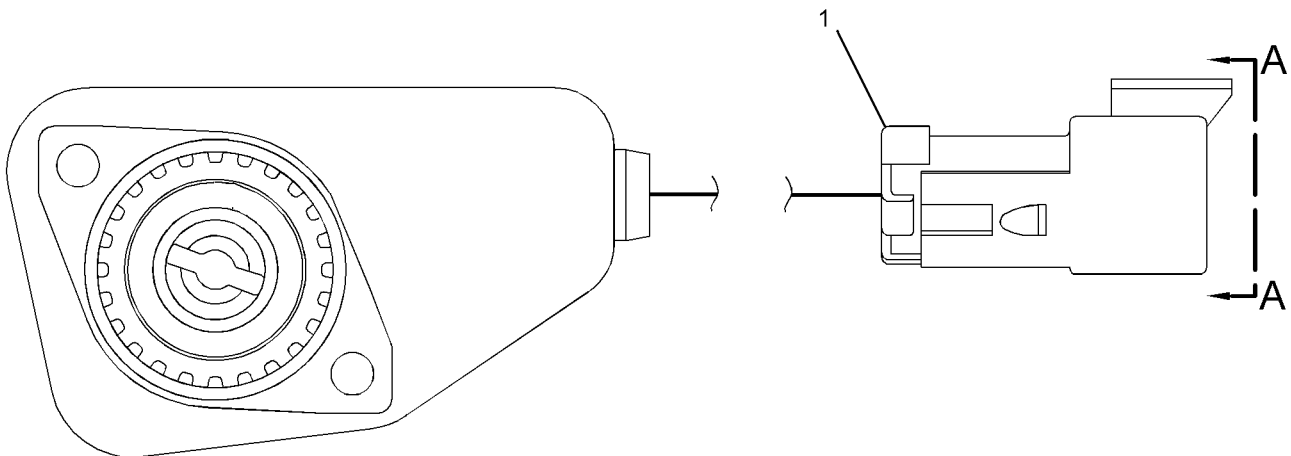
PART OF 130-8176 PEDAL GP-GOVERNOR

ALSO AN ATTACHMENT

SMCS-4269, 5702, 5736, 5737, 7494

i03628847

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)						



VIEW A-A

GRAPHIC #1

<END>

g01947324

ELECTRICAL AND STARTING SYSTEM

214-4862 SENSOR GP-POSITION

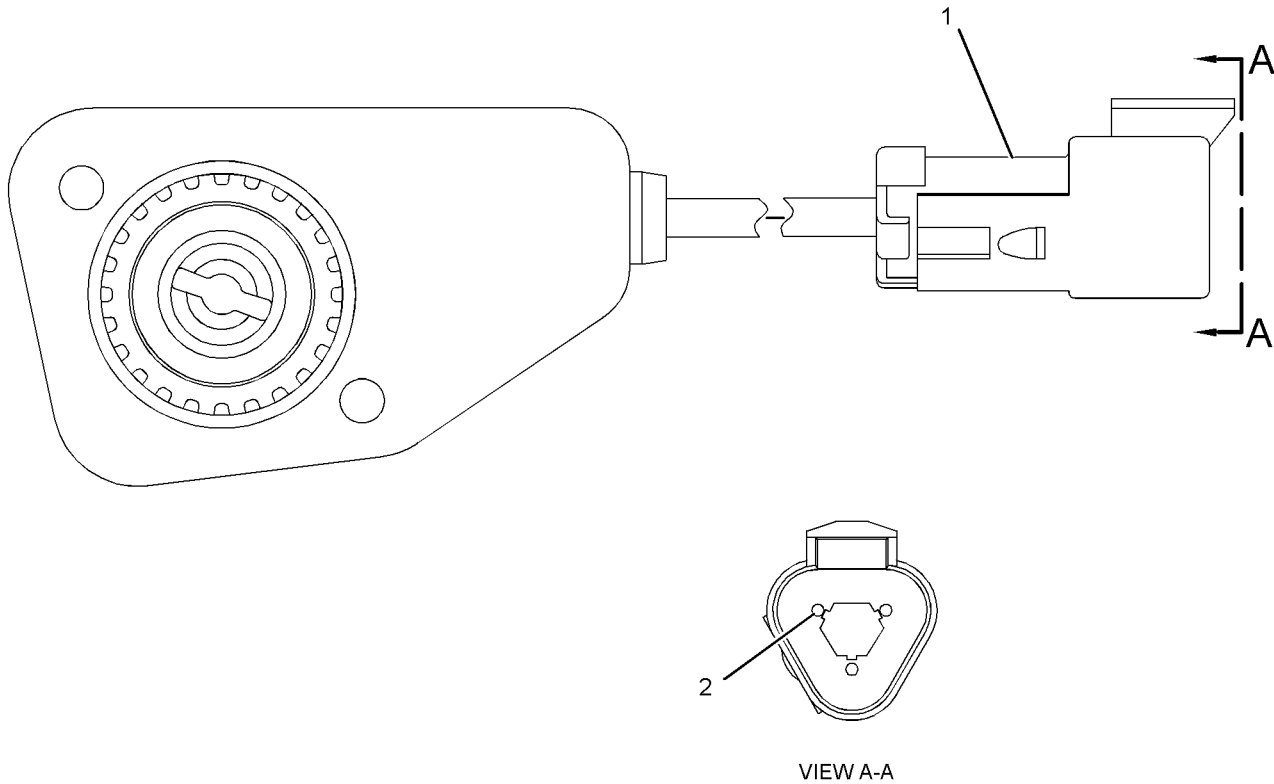
S/N: BXY1-UP

PART OF 227-0966, 228-0918 CONTROL GP-ELECTROHYDRAULIC
AN ATTACHMENT

SMCS-4269, 5702, 5736, 5737, 7494

i03480124

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>

g01820857

ELECTRICAL AND STARTING SYSTEM

214-4863 SENSOR GP-POSITION

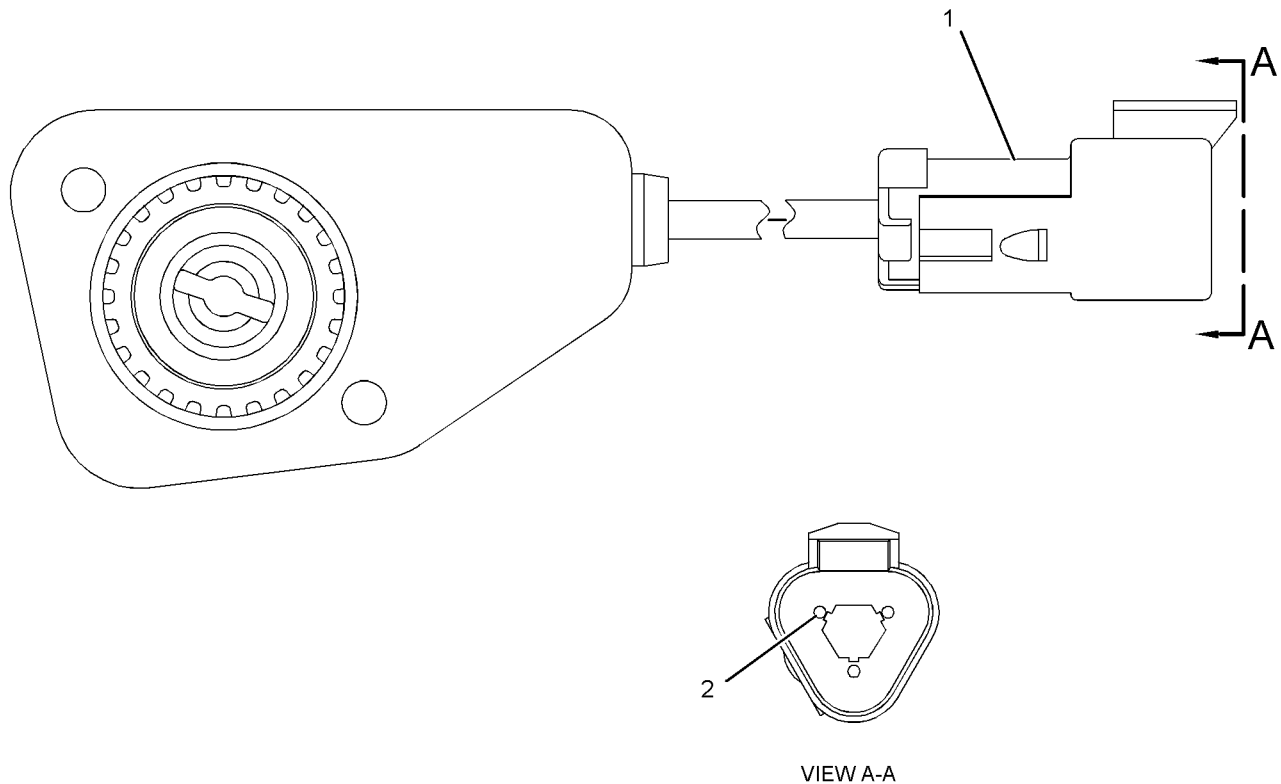
S/N: BXY1-UP

PART OF 180-4001 BASE GP-FOOT BRAKE
ALSO AN ATTACHMENT

SMCS-4269, 5702, 5736, 5737, 7494

i03480228

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	1	PIN-CONNECTOR (16-GA TO 18-GA)	



GRAPHIC #1

<END>

g01820857

ELECTRICAL AND STARTING SYSTEM

266-2337 SENSOR GP-POSITION

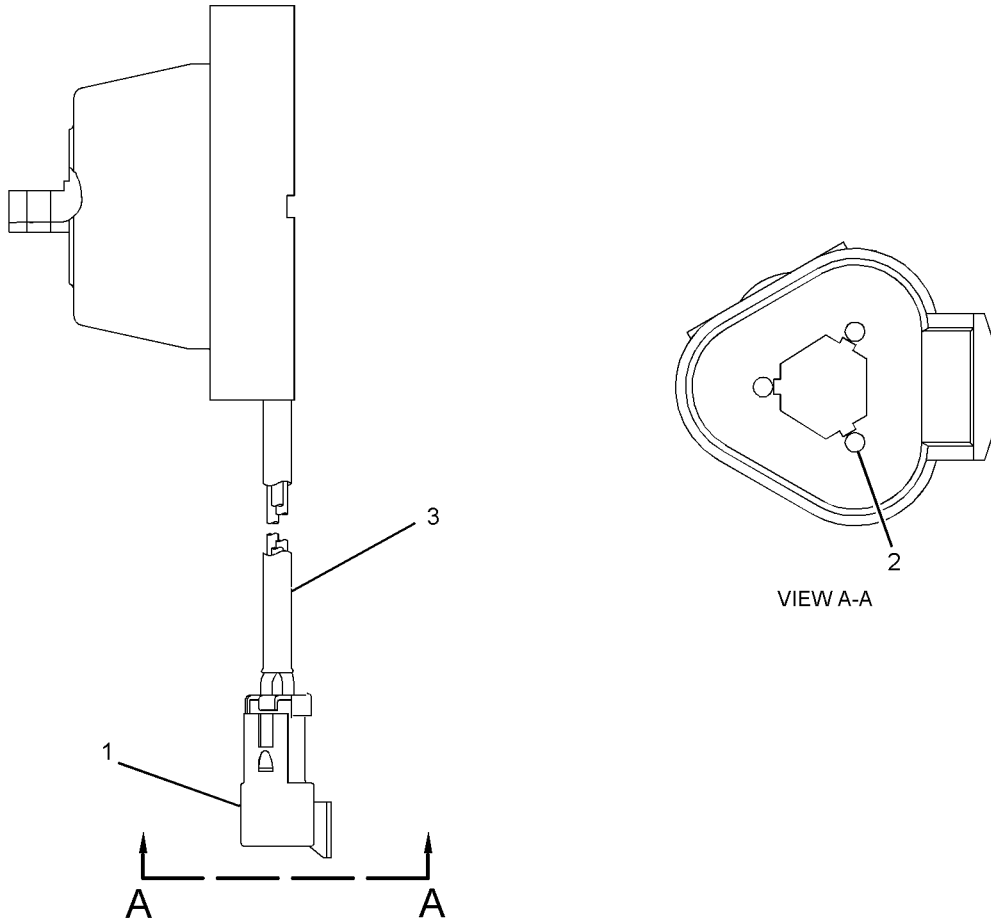
S/N: BXY2925-UP

PART OF 169-3301 SENSOR & MTG GP-LIFT POSITION, 169-3302 SENSOR & MTG
GP-TILT POSITION
AN ATTACHMENT

SMCS-4269, 5702, 5736, 5737, 7494

i03630817

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	9X-3401	3	PIN-CONNECTOR (16-GA TO 18-GA)						
					-OR-						
		1	126-1767	3	PIN-CONNECTOR (14-GA)						
E	3	1	9X-1813		SLEEVE (17-CM)						
E-ORDER BY THE CENTIMETER											



GRAPHIC #1

<END>

g01954240

ELECTRICAL AND STARTING SYSTEM

100-4311 SENSOR GP-PRESSURE

S/N: BXY1-UP

5 KHZ. PULSE WIDTH MODULATION

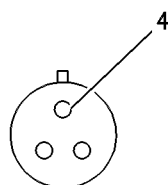
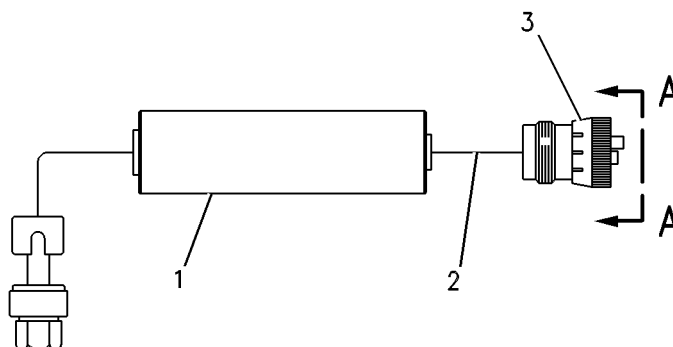
PART OF 227-5373, 284-3003 WIRING GP-POWER TRAIN

SMCS-1408, 1925, 7494

i03408062

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Z	1	1		1	CONTROL AS-ELECTRONIC	
E	2	1	9X-1813		SLEEVE (19-CM)	
	3	1	8T-8731	1	PLUG-CONNECTOR (3-PIN)	
	4	1	8T-8730	3	SOCKET-CONNECTOR (16-GA TO 18-GA)	

E-ORDER BY THE CENTIMETER
Z-NOT SERVICED SEPARATELY



VIEW A-A

GRAPHIC #1

<END>

g00268727

ELECTRICAL AND STARTING SYSTEM

194-6722 SENSOR GP-PRESSURE

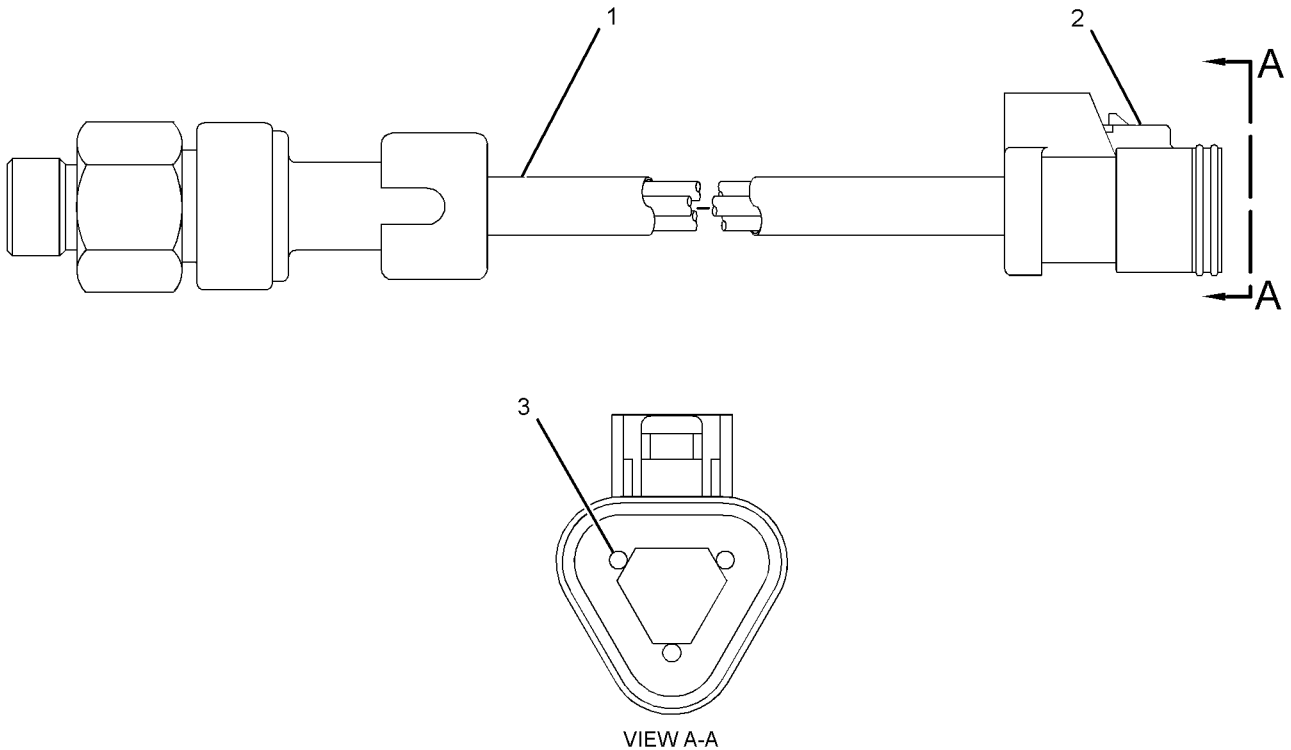
S/N: RHX1-UP

PART OF 239-2395 SENSOR GP-PRESSURE
AN ATTACHMENT

SMCS-1408, 1925, 7494

i03698115

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 (14-GA TO 18-GA)						
E-ORDER BY THE CENTIMETER											



GRAPHIC #1

<END>

g01991395

ELECTRICAL AND STARTING SYSTEM

194-6725 SENSOR GP-PRESSURE

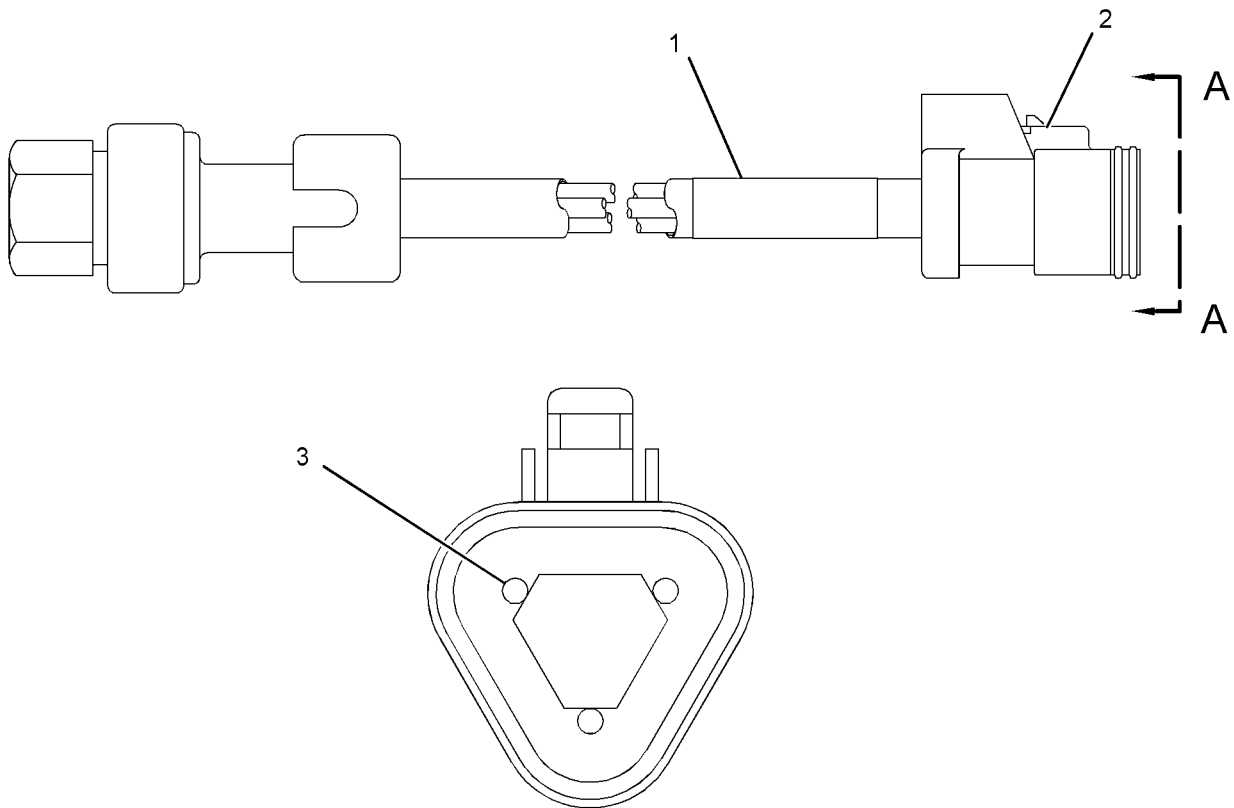
S/N: RHX1-UP

PART OF 239-2396 SENSOR GP-PRESSURE
AN ATTACHMENT

SMCS-1408, 1925, 7494

i03642385

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

221-3416 SENSOR GP-PRESSURE-PAYLOAD

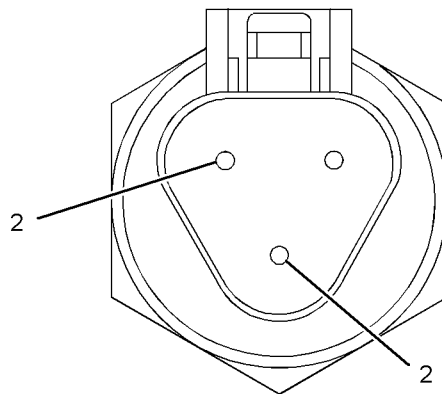
S/N: BXY1-UP

PART OF 302-5668 SENSOR GP-PRESSURE

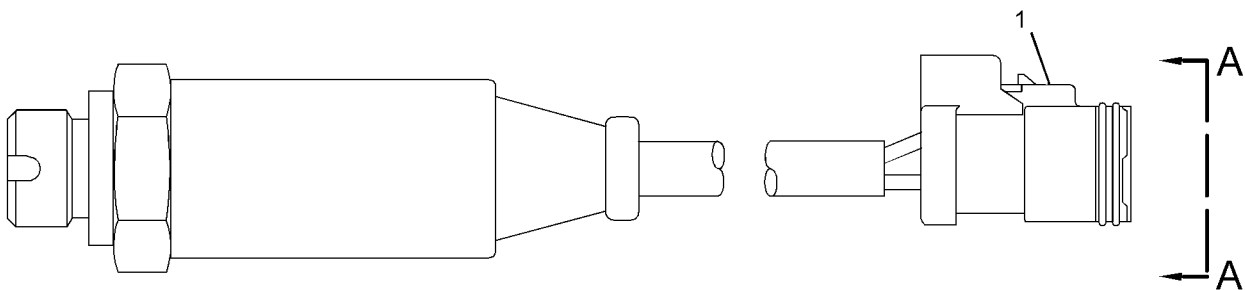
SMCS-1408, 1925, 7494

i03575248

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	155-2260	1	KIT-CONNECTING PLUG (3-PIN) (INCLUDES PLUG AS & WEDGE)	
	2	1	180-9340	3	SOCKET-CONNECTOR (14-GA TO 18-GA)	



VIEW A-A



GRAPHIC #1

<END>

g01904213

ELECTRICAL AND STARTING SYSTEM

239-2395 SENSOR GP-PRESSURE

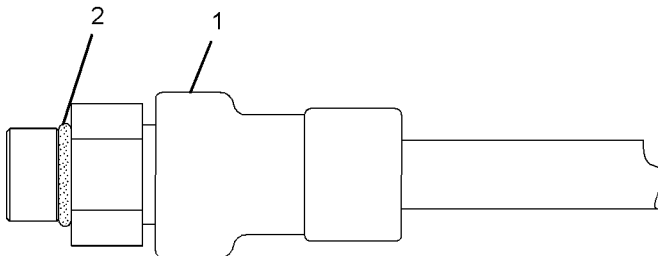
S/N: RHX1-UP

PART OF 231-1973 SENSOR GP-ENGINE
AN ATTACHMENT

SMCS-1408, 1925, 7494

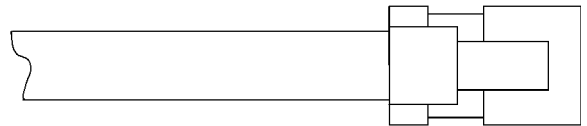
i02837580

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						420
	2	1	6V-5049	1	SEAL - O - RING						
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>



g01019702

ELECTRICAL AND STARTING SYSTEM

239-2396 SENSOR GP-PRESSURE

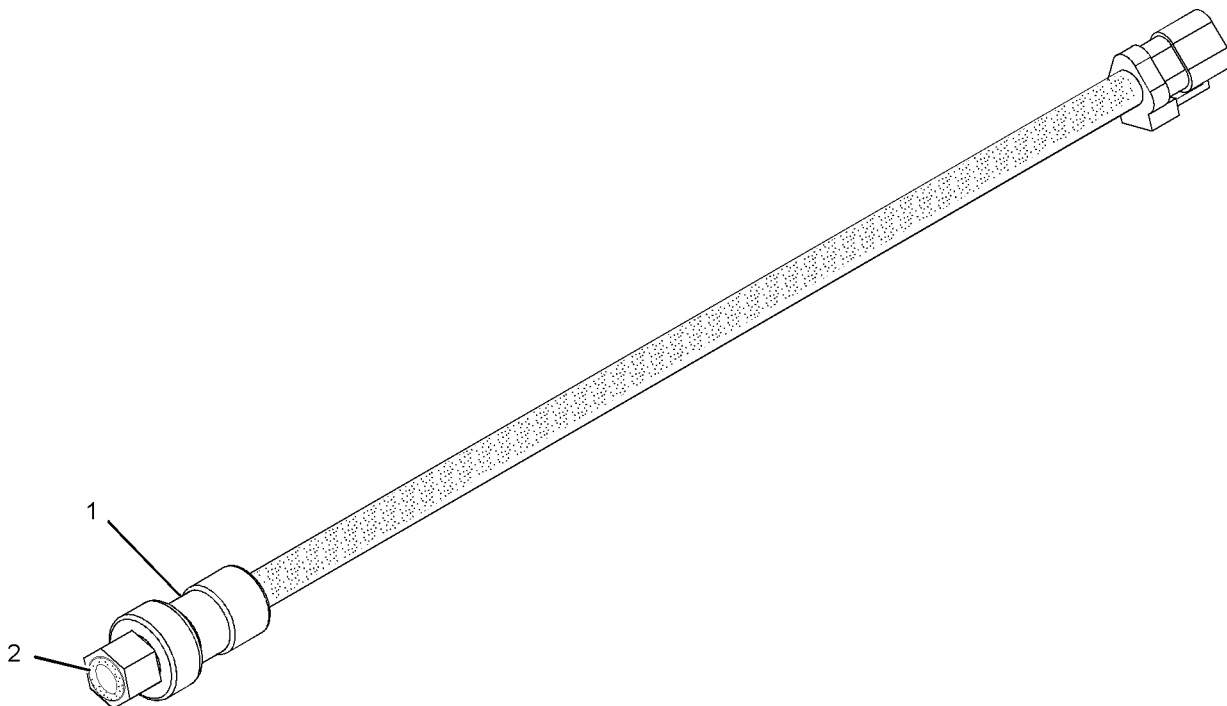
S/N: RHX1-UP

PART OF 231-0321, 314-5216 FILTER GP-FUEL, 231-1973 SENSOR GP-ENGINE
AN ATTACHMENT

SMCS-1408, 1925, 7494

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						421
	2	1	6V-5048	1	SEAL-O-RING						
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g01019323

ELECTRICAL AND STARTING SYSTEM

239-3478 SENSOR GP-PRESSURE

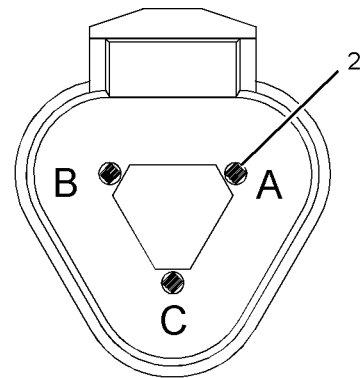
S/N: RHX1-UP

PART OF 239-5674 SENSOR GP-PRESSURE
AN ATTACHMENT

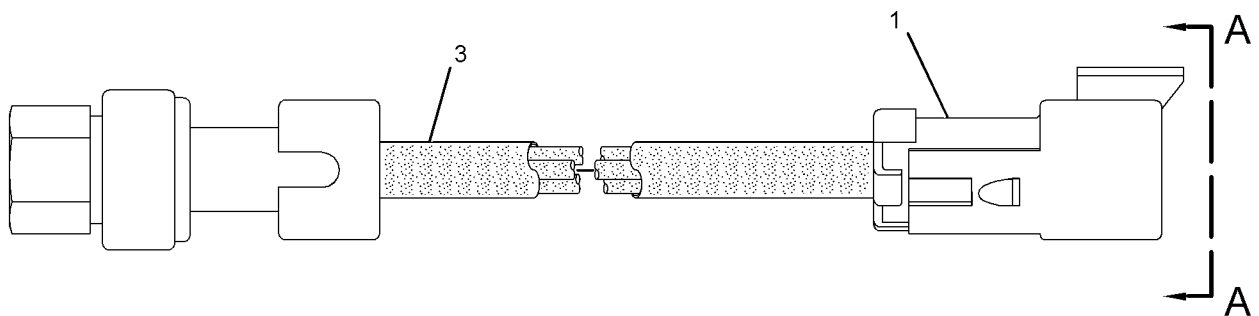
SMCS-1408, 1925, 7494

i03570562

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	1	2	3	4	5	6 (PRODUCT LEVEL)	SEE PAGE
	1	1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	2	1	180-9339	3	PIN-CONNECTOR (14-GA TO 18-GA)						
E	3	1	9X-1813		SLEEVE (34-CM)						
E-ORDER BY THE CENTIMETER											



VIEW A-A



GRAPHIC #1

<END>

g01896473

ELECTRICAL AND STARTING SYSTEM

239-5674 SENSOR GP-PRESSURE

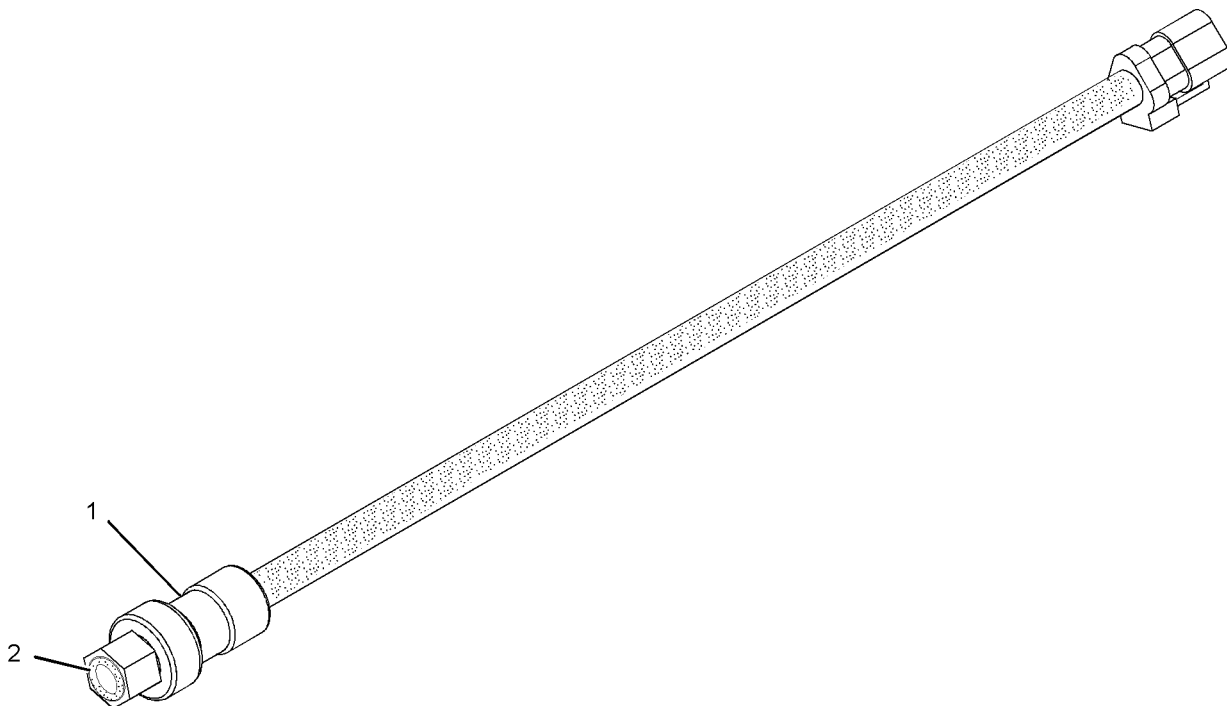
S/N: RHX1-UP

PART OF 231-1973 SENSOR GP-ENGINE
AN ATTACHMENT

SMCS-1408, 1925, 7494

i02953984

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	239-3478	1	SENSOR	GP	PRESSURE				425
	2	1	6V-5048	1	SEAL	-O-	RING				
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g01019323

ELECTRICAL AND STARTING SYSTEM

302-5668 SENSOR GP-PRESSURE-PAYLOAD CONTROL

S/N: BXY1-UP
FIELD INSTALLATION

SMCS-1408, 1925, 7494

i03560861

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	221-3416	1	SENSOR GP-PRESSURE (PAYLOAD)						422
	265-2834	1	BLOCK						
M	8T-4648	2	BOLT (M12X1.75X70-MM)						
M	8T-4910	2	BOLT (M12X1.75X60-MM)						
	6L-5551	2	BOLT-SOCKET HEAD (1/4-20X2.25-IN)						
	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)						
	3J-1907	1	SEAL-O-RING						
	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						
			AVAILABLE REPAIR KIT(S):						
	102-8803	1	KIT-RECEPTACLE (3-PIN)						
			(INCLUDES RECEPTACLE AS & WEDGE)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

<END>

ELECTRICAL AND STARTING SYSTEM

193-2550 SENSOR GP-SPEED

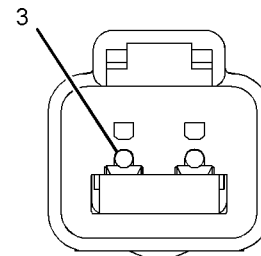
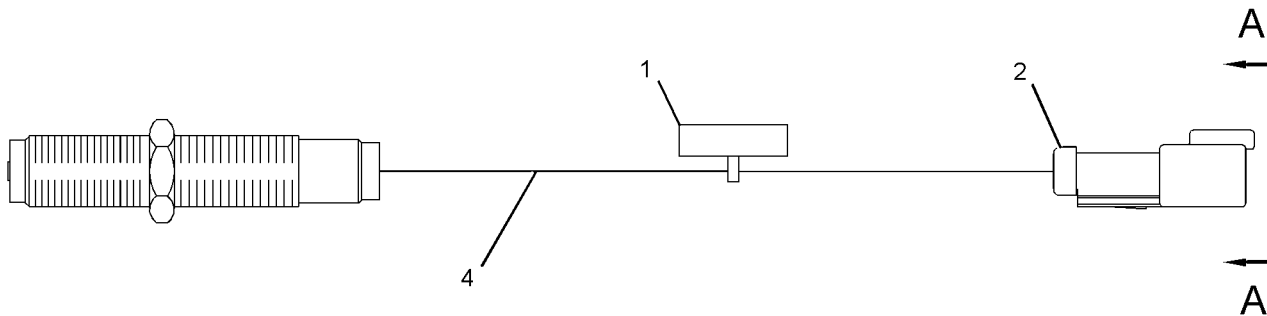
S/N: SMA114-UP; DRT1-UP

PART OF 133-8116 GEAR GP-OUTPUT TRANSFER
ALSO AN ATTACHMENT

SMCS-1907, 1912, 3175, 4803, 7493

i02961526

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	9X-3401	2	PIN-CONNECTOR (16-GA TO 18-GA)						
E	4	1	9X-1813		SLEEVE (14-CM)						
E-ORDER BY THE CENTIMETER											



VIEW A-A

GRAPHIC #1

<END>

g01490456

ELECTRICAL AND STARTING SYSTEM

201-6617 SENSOR GP-SPEED

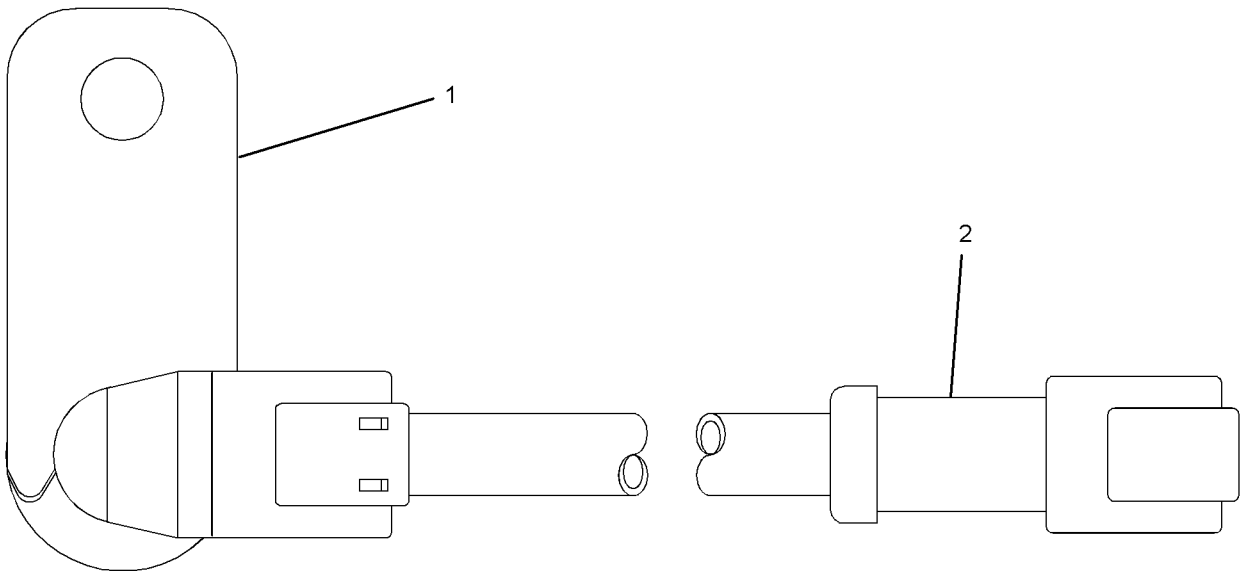
S/N: RHX1-UP

PART OF 239-5928 SENSOR GP-SPEED
AN ATTACHMENT

SMCS-1907, 1912, 3175, 4803, 7493

i03679740

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1		133-0261	1	BRACKET						
	2		189-0852	1	HARNESS AS-WIRING (SPEED SENSOR)						
			102-8802	1	KIT-RECEPTACLE (2-PIN)						
E					(INCLUDES RECEPTACLE AS & WEDGE)						
			9X-1813		SLEEVE (16-CM)						
			155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
					(INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
			180-9339	2	PIN-CONNECTOR (14-GA TO 18-GA)						
			180-9340	2	SOCKET-CONNECTOR (14-GA TO 18-GA)						
E-ORDER BY THE CENTIMETER											



GRAPHIC #1

<END>

g01977393

ELECTRICAL AND STARTING SYSTEM

214-2484 SENSOR GP-SPEED

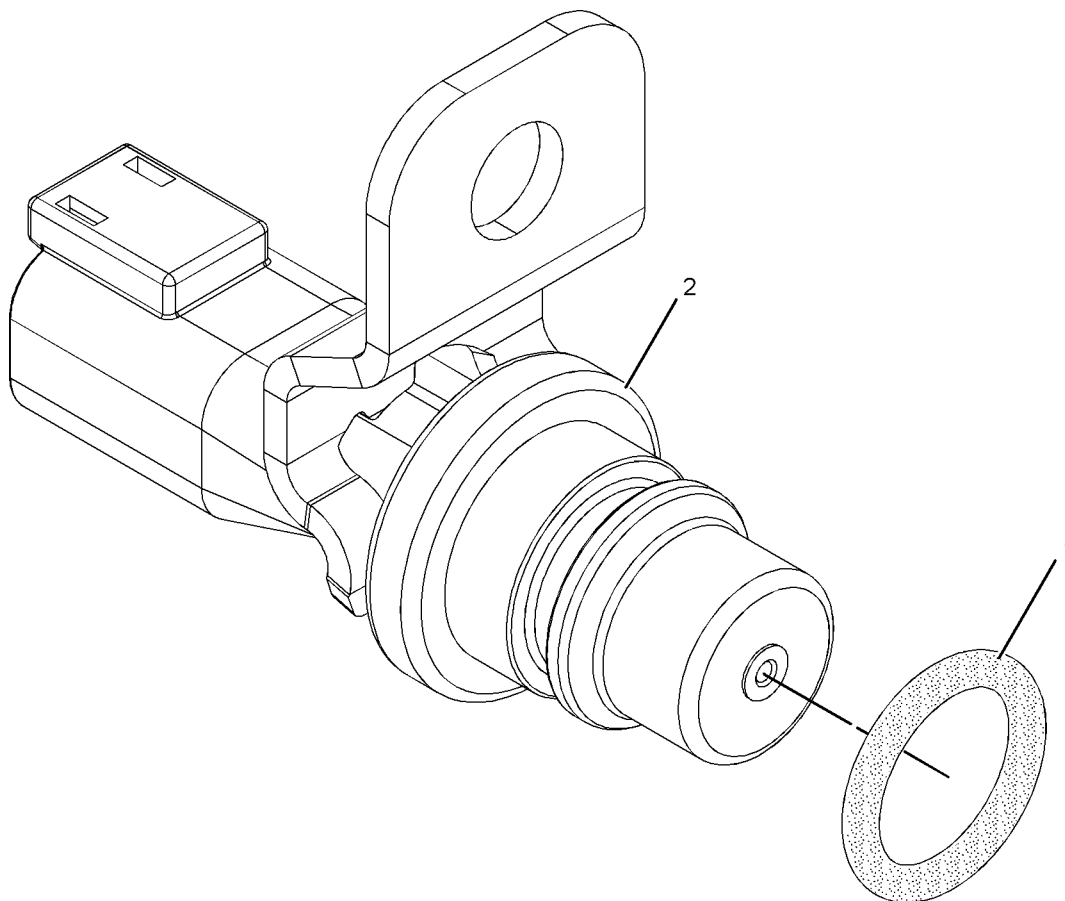
S/N: RHX1-UP

PART OF 231-1973 SENSOR GP-ENGINE
AN ATTACHMENT

SMCS-1907, 1912, 3175, 4803, 7493

i03319926

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						
	2	1	191-8303	1	SENSOR GP-SPEED						
		1	137-6645	1	PAD (CONNECTOR)						



GRAPHIC #1

<END>

g01021497

ELECTRICAL AND STARTING SYSTEM

239-5928 SENSOR GP-SPEED

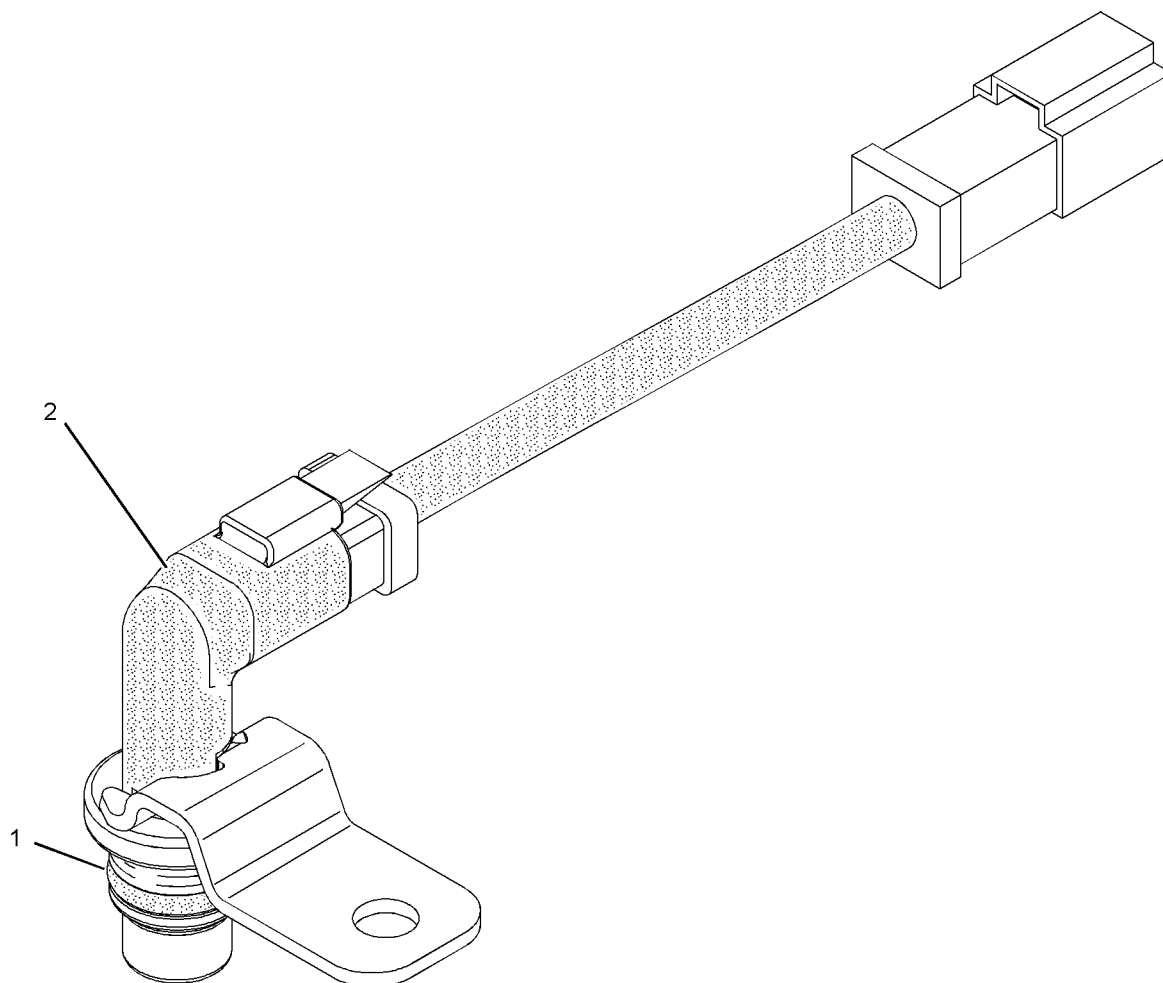
S/N: RHX1-UP

PART OF 231-1973 SENSOR GP-ENGINE
AN ATTACHMENT

SMCS-1907, 1912, 3175, 4803, 7493

i03186390

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	201-6617	1	SENSOR GP-SPEED	429
Y-SEPARATE ILLUSTRATION						



GRAPHIC #1

<END>

g01019337

ELECTRICAL AND STARTING SYSTEM

118-7226 SENSOR GP-TEMPERATURE

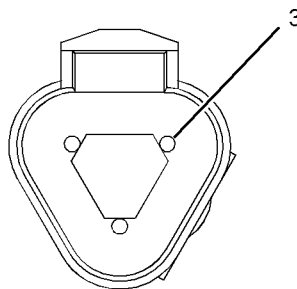
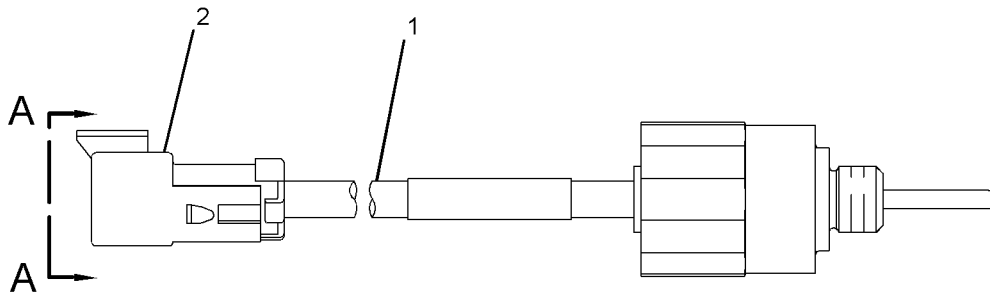
S/N: SMA114-UP; DRT1-UP

PART OF 230-6318, 261-2893 CONTROL GP-TRANSMISSION HYD
ALSO AN ATTACHMENT

SMCS-1408, 1906, 1919, 1921, 1922, 1928, 1929,
301T, 3194, 429T, 509T

i03638943

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 (33-CM)						
	2	1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	3	1	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)						
E-ORDER BY THE CENTIMETER											



VIEW A-A

GRAPHIC #1

<END>

g01954521

ELECTRICAL AND STARTING SYSTEM

131-0427 SENSOR GP-TEMPERATURE

S/N: BXY1-1899

8-VOLT. PULSE WIDTH MODULATION

PART OF 225-6852 WIRING GP-FRONT, 225-6859 WIRING GP-MACHINE

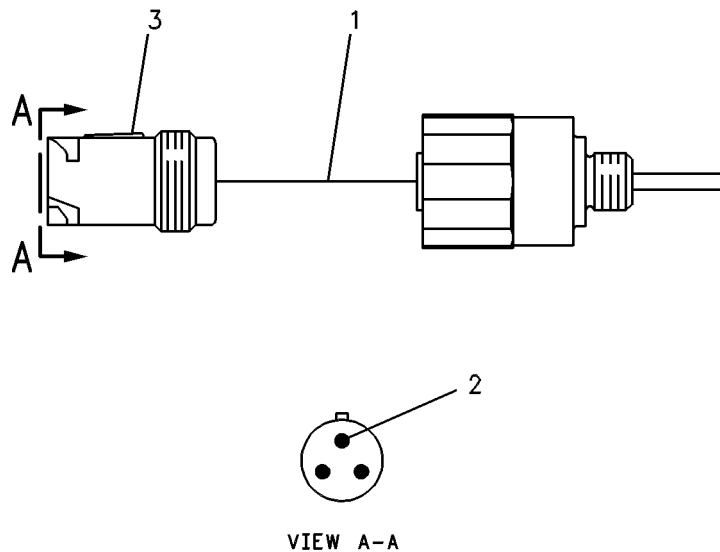
SMCS-1408, 1906, 1919, 1921, 1922, 1928, 1929,
301T, 3194, 429T, 509T

i03150940

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
BE	1	1	112-4550		SLEEVE						
	2	1	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)						
	3	1	8T-8732	1	RECEPTACLE (3-PIN)						

B-USE AS REQUIRED

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g00084552

ELECTRICAL AND STARTING SYSTEM

134-2252 SENSOR GP-TEMPERATURE

S/N: BXY1-1899

8-VOLTS

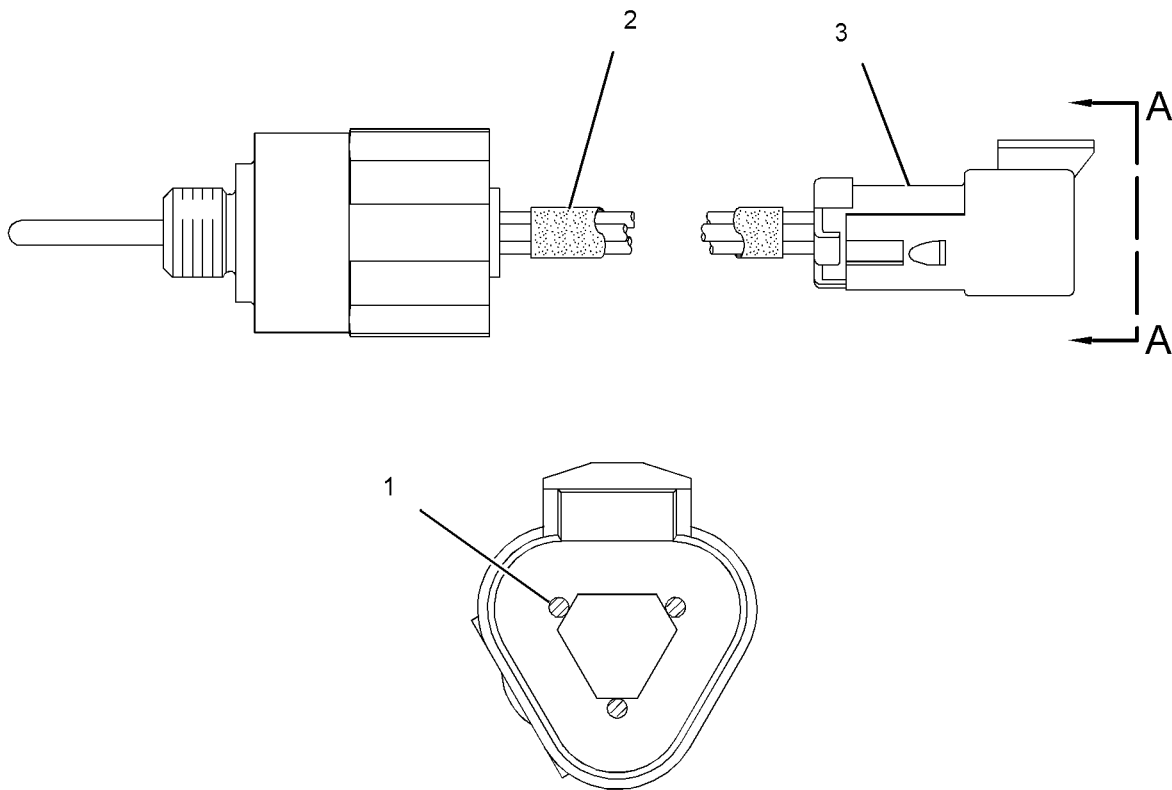
PART OF 227-5373 WIRING GP-POWER TRAIN

SMCS-1408, 1906, 1919, 1921, 1922, 1928, 1929,
301T, 3194, 429T, 509T

i03572345

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)						
E	2	1	9X-1386		SLEEVE (33-CM)						
	3	1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
(INCLUDES RECEPTACLE AS & WEDGE)											

E-ORDER BY THE CENTIMETER



VIEW A-A

GRAPHIC #1

<END>

g01903134

ELECTRICAL AND STARTING SYSTEM

197-8391 SENSOR GP-TEMPERATURE

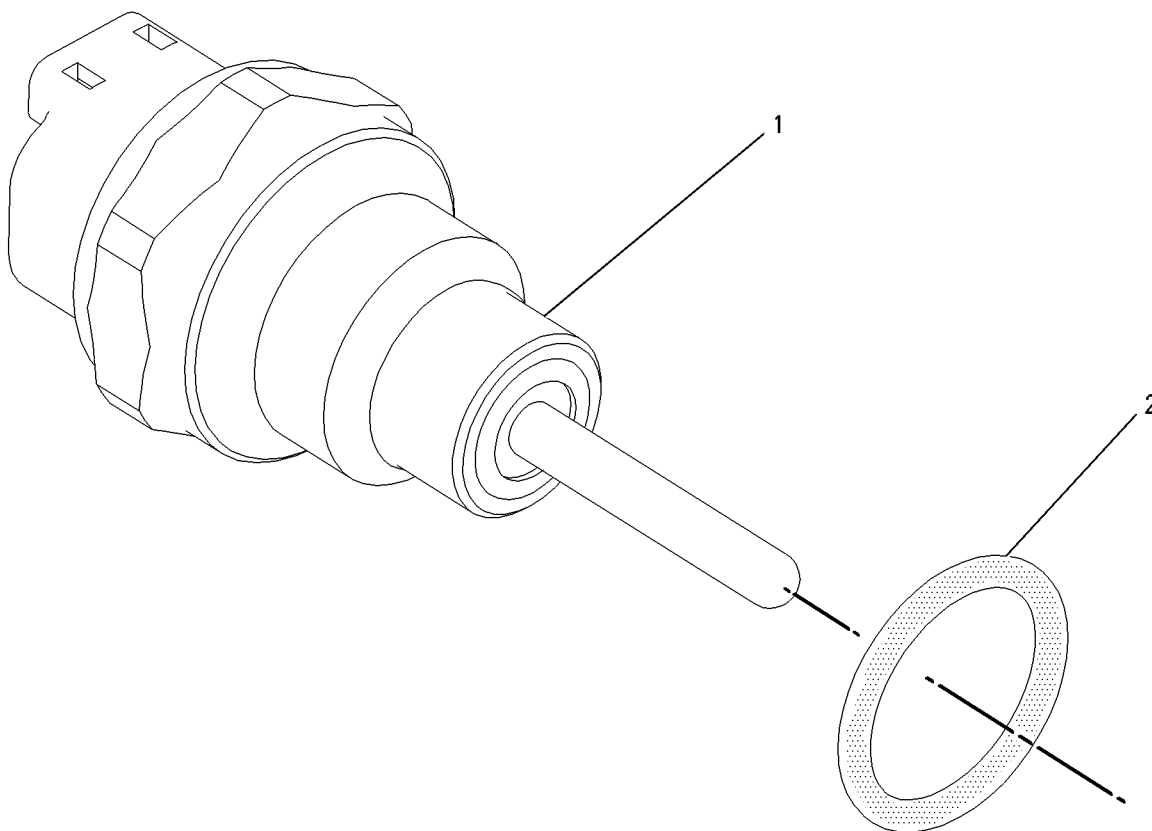
S/N: RHX1-UP

PART OF 231-0321 FILTER GP-FUEL, 231-1973 SENSOR GP-ENGINE
AN ATTACHMENT

SMCS-1408, 1906, 1919, 1921, 1922, 1928, 1929,
301T, 3194, 429T, 509T

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

197-8392 SENSOR GP-TEMPERATURE

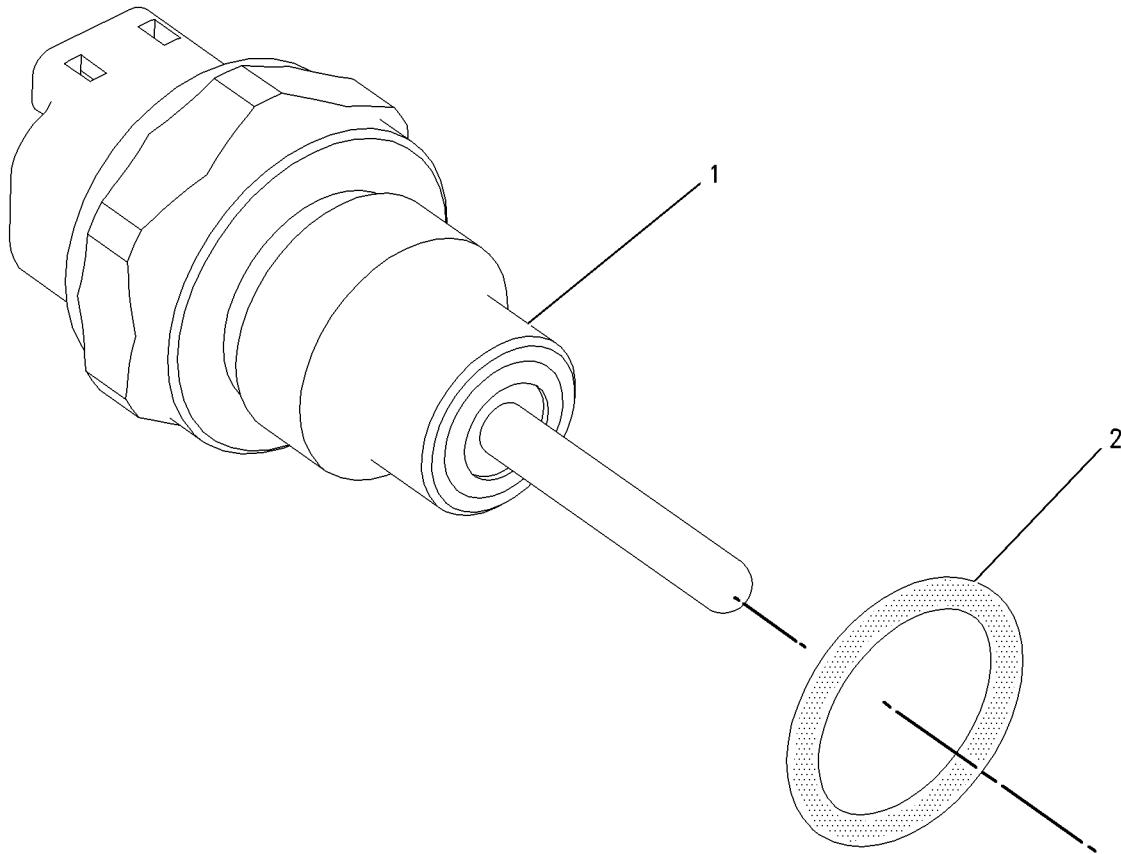
S/N: RHX1-UP

PART OF 231-1973 SENSOR GP-ENGINE
AN ATTACHMENT

SMCS-1408, 1906, 1919, 1921, 1922, 1928, 1929,
301T, 3194, 429T, 509T

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

234-5013 SENSOR GP-TEMPERATURE

S/N: RHX1-UP

AMPSEAL CONNECTOR

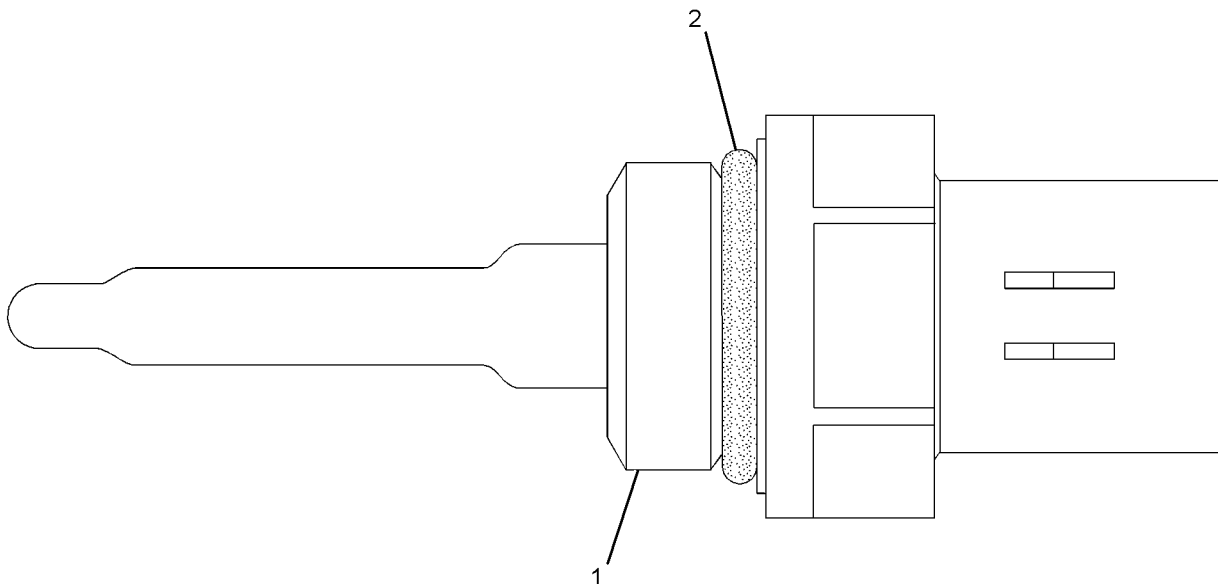
PART OF 231-0321, 314-5216 FILTER GP-FUEL

AN ATTACHMENT

SMCS-1408, 1906, 1919, 1921, 1922, 1928, 1929,
301T, 3194, 429T, 509T

i03603728

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	256-6453	1	SENSOR AS-TEMPERATURE	
	2	1	238-5080	1	SEAL-O-RING	



GRAPHIC #1

<END>

g01164268

ELECTRICAL AND STARTING SYSTEM

274-7395 SENSOR GP-TEMPERATURE

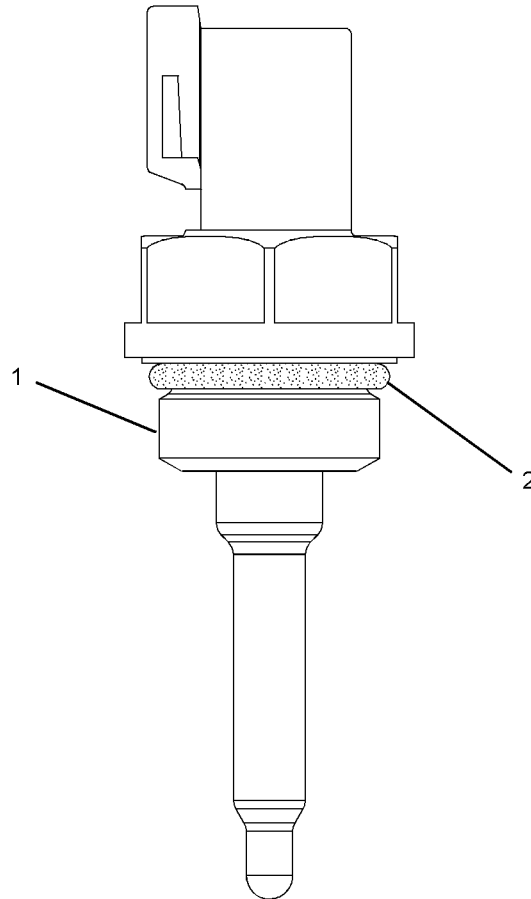
S/N: RHX1-UP

PART OF 231-1973 SENSOR GP-ENGINE
AN ATTACHMENT

SMCS-1408, 1906, 1919, 1921, 1922, 1928, 1929,
301T, 3194, 429T, 509T

i03442321

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



GRAPHIC #1

<END>

g01353734

ELECTRICAL AND STARTING SYSTEM

274-7396 SENSOR GP-TEMPERATURE

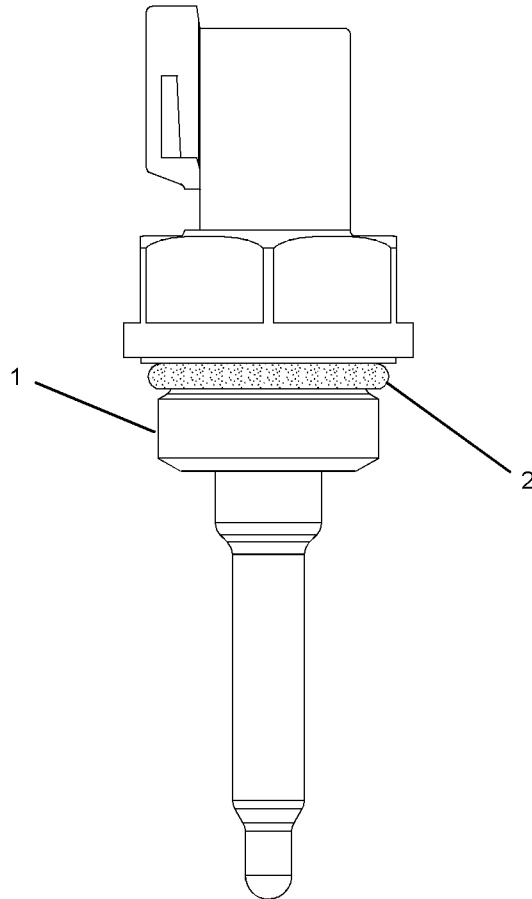
S/N: RHX1-UP

PART OF 231-1973 SENSOR GP-ENGINE
AN ATTACHMENT

SMCS-1408, 1906, 1919, 1921, 1922, 1928, 1929,
301T, 3194, 429T, 509T

i03442340

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



GRAPHIC #1

<END>

g01353734

ELECTRICAL AND STARTING SYSTEM

288-8390 SENSOR GP-TEMPERATURE

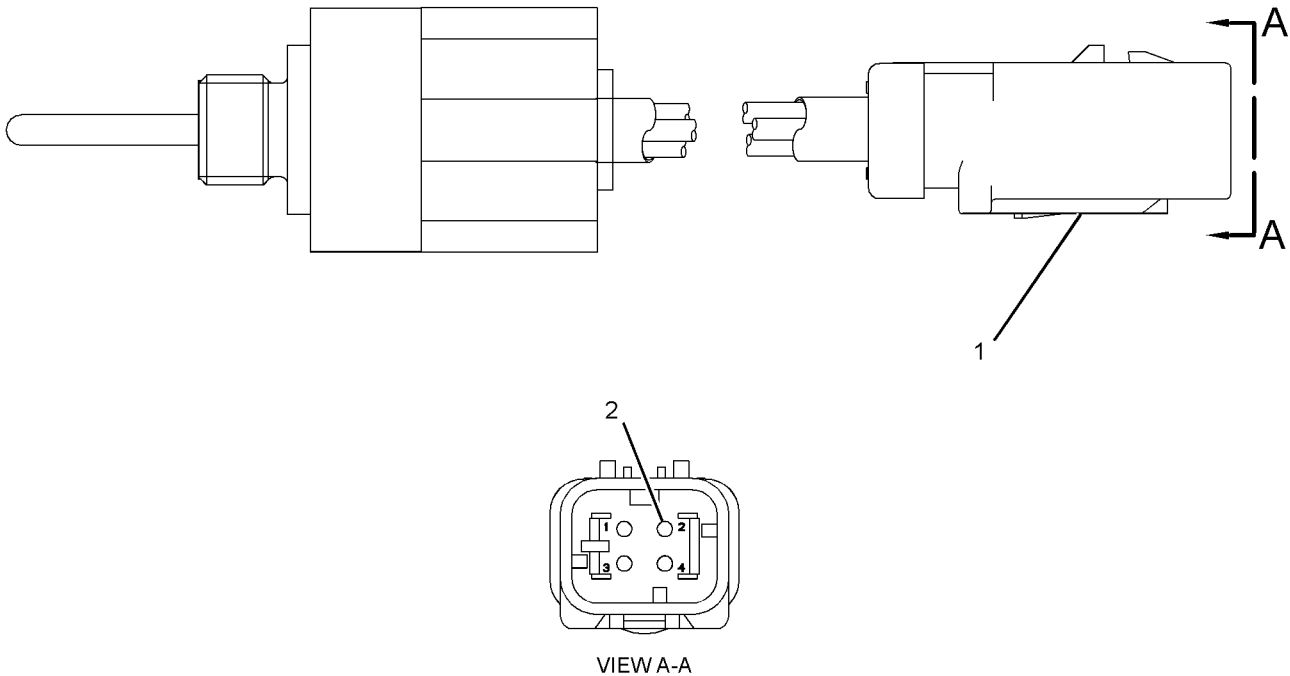
S/N: BXY1900-UP

PART OF 284-3007, 345-0520 WIRING GP-FRONT, 284-2998, 345-0510 WIRING
GP-MACHINE, 284-3003 WIRING GP-POWER TRAIN

SMCS-1408, 1906, 1919, 1921, 1922, 1928, 1929,
301T, 3194, 429T, 509T

i02864132

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 (33-CM)						
	2	1	8T-8737	1	PLUG-SEAL						
E-ORDER BY THE CENTIMETER											



GRAPHIC #1

<END>

g01431598

ELECTRICAL AND STARTING SYSTEM

247-0848 STARTING AID GP-ETHER

S/N: BXY1-UP

PART OF 225-5432, 284-2735 CHASSIS AR

SMCS-1456

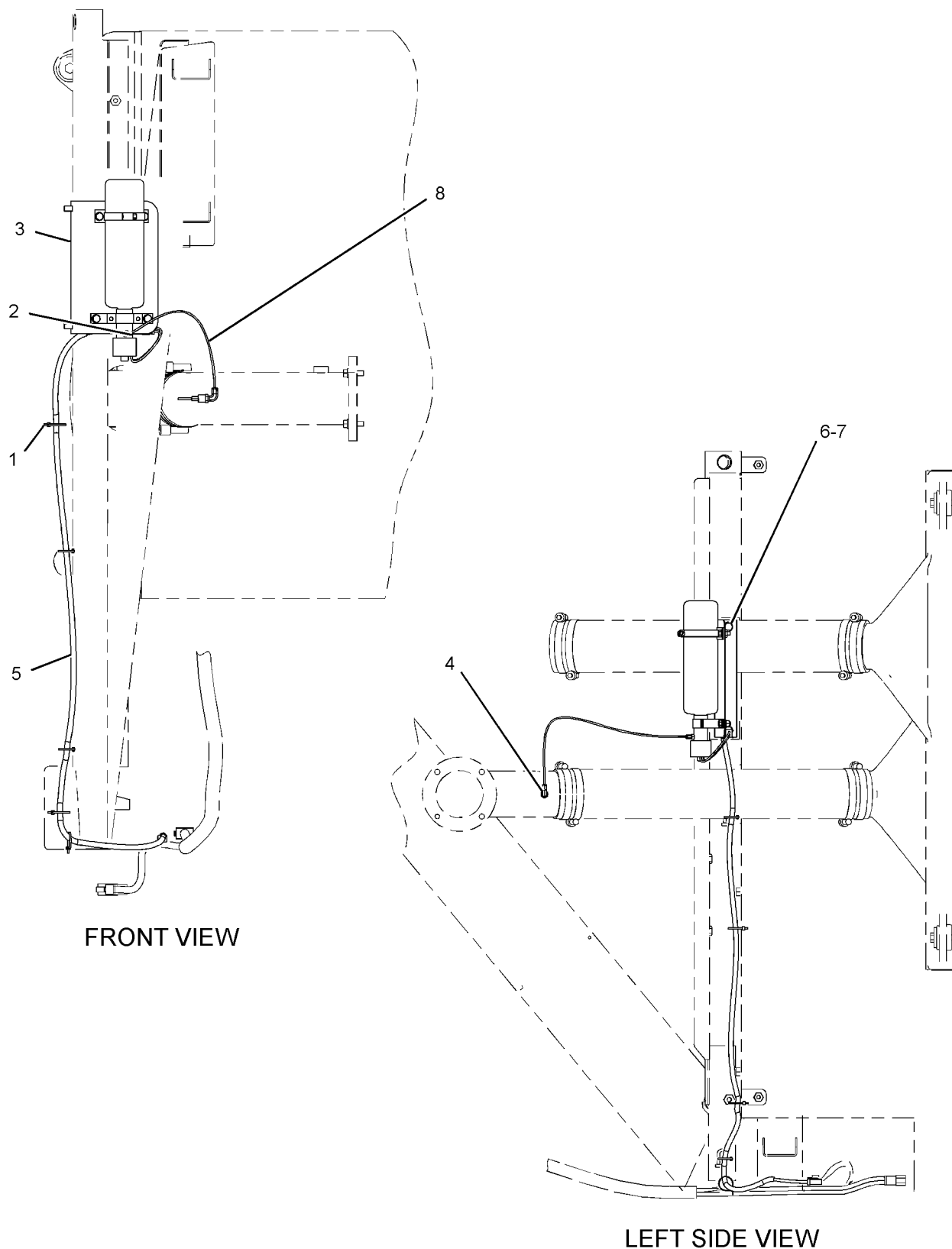
i03623773

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	3S-2093	5	STRAP-CABLE	
	2	1	230-1434	1	FITTING AS	
Y	3	1	247-0849	1	VALVE GP-ETHER STARTING	472
	4	1	247-5556	1	ATOMIZER GP-ETHER	
		1	236-4545	1	NUT-SLEEVE (5/16-24-THD)	
	5	1	260-0859	1	HARNESS AS-STARTING AID (ETHER)	
		1	8T-8730	4	SOCKET-CONNECTOR (16-GA TO 18-GA)	
E		1	114-8843		SLEEVE-PLASTIC (40-CM)	
		1	155-2270	2	KIT-CONNECTING PLUG (2-PIN)	
					(EACH INCLUDES PLUG AS AND WEDGE)	
	6	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)	
M	7	1	8T-4137	2	BOLT (M10X1.5X20-MM)	
J	8	1	174-9169		TUBE (5-DM)	
A			7N-0296	1	CYLINDER AS-ETHER	
A-NOT PART OF THIS GROUP E-ORDER BY THE CENTIMETER J-ORDER BY THE DECIMETERS M-METRIC PART Y-SEPARATE ILLUSTRATION						

ELECTRICAL AND STARTING SYSTEM

247-0848 STARTING AID GP-ETHER (contd.)

i03623773



FRONT VIEW

LEFT SIDE VIEW

GRAPHIC #1

<END>

g02055154

ELECTRICAL AND STARTING SYSTEM

105-4729 STARTING MOTOR GP-ELECTRIC

S/N: BXY1-507

24-VOLT

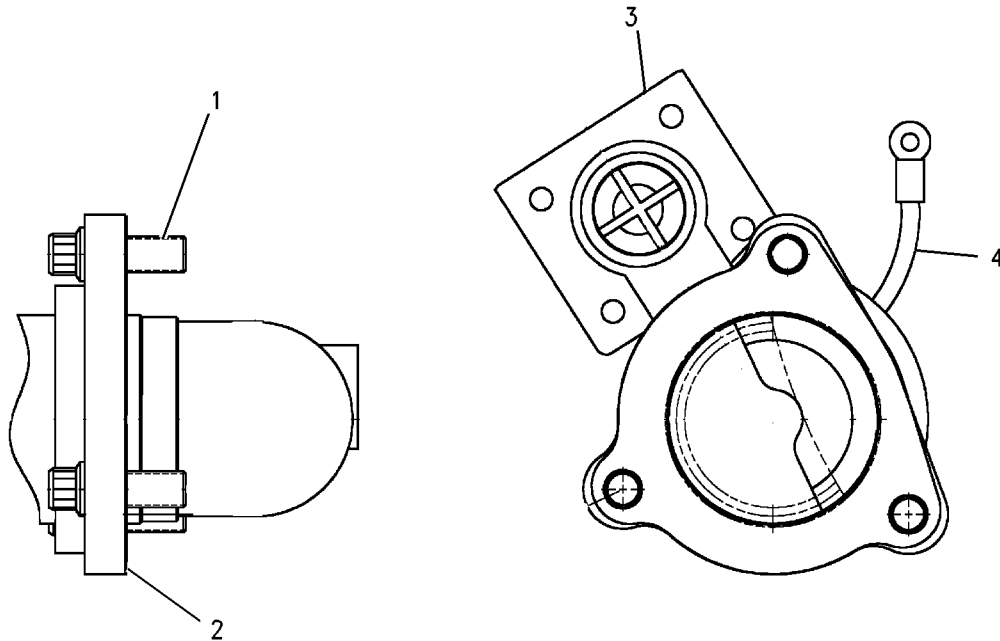
PART OF 226-9643 INSTALLATION AR-ENGINE

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)	444
	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: BXY1-UP

24-VOLT

PART OF 105-4729, 265-9091 STARTING MOTOR GP-ELECTRIC

SMCS-1453

i03630206

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	7M-0326	1	CONNECTOR	
	2	1	9H-3757	2	WASHER (0.516X1X0.094-IN THK)	
	3	1	1S-7446	3	SCREW-MACHINE (8-32X0.437-IN)	
	4	1	8C-9660	3	WASHER (4.6X7.9X0.8-MM THK)	
	5	1	9S-2544	9	SCREW-HEX HEAD (8-32X11.13-MM)	
	6	1	7M-0327	1	WASHER-THRUST (17.4X25.4X1.6-MM THK)	
	7	1	3T-3418	1	FRAME AS-END	
		1	3T-3423	1	CUP	
		1	3T-3424	1	PLUG-FELT	
		1	9G-4101	1	BUSHING-END	
	8	1	3T-9525	1	PLATE AS-BRUSH	
	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	1T-0808	2	WASHER (0.516X0.812X0.09-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	0S-1597	13	BOLT (1/4-28X1-IN)	
	36	1	1M-9971	1	SPACER (0.835X1.72X0.188-IN THK)	
	37	1	1H-2629	3	STRIP-INSULATION	
	38	1	7M-0324	1	COIL AS-FIELD	
	39	1	3R-8797	12	SCREW & WASHER AS (3/8-24X0.72-IN)	
	40	1	7F-3488	6	SHOE-POLE	
	41	1	7M-8651	1	ARMATURE AS	

ELECTRICAL AND STARTING SYSTEM

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

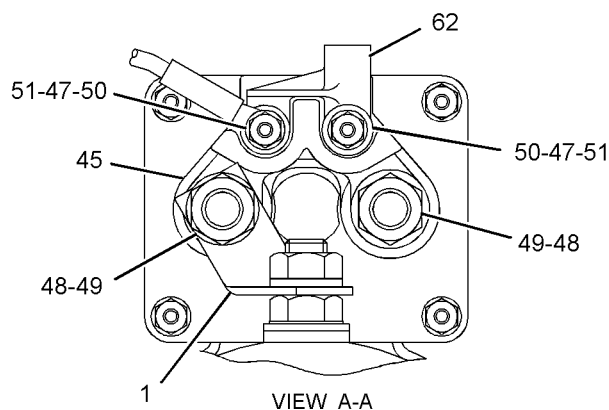
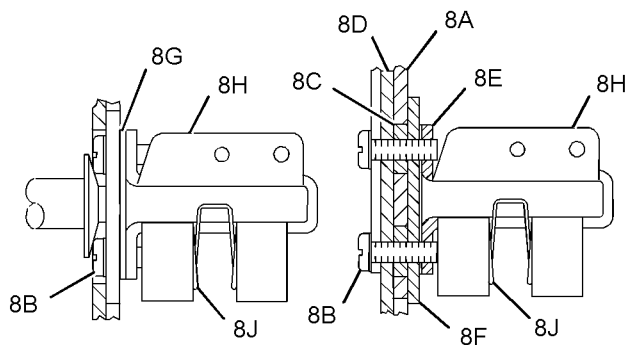
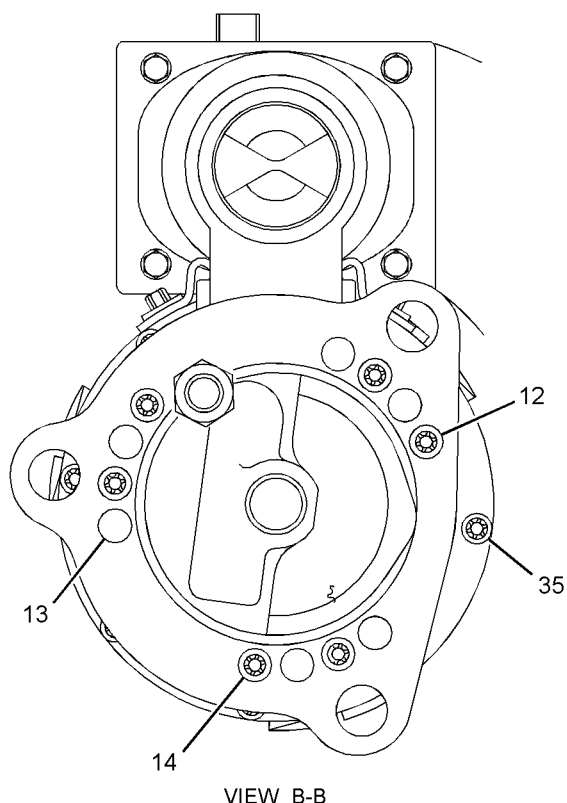
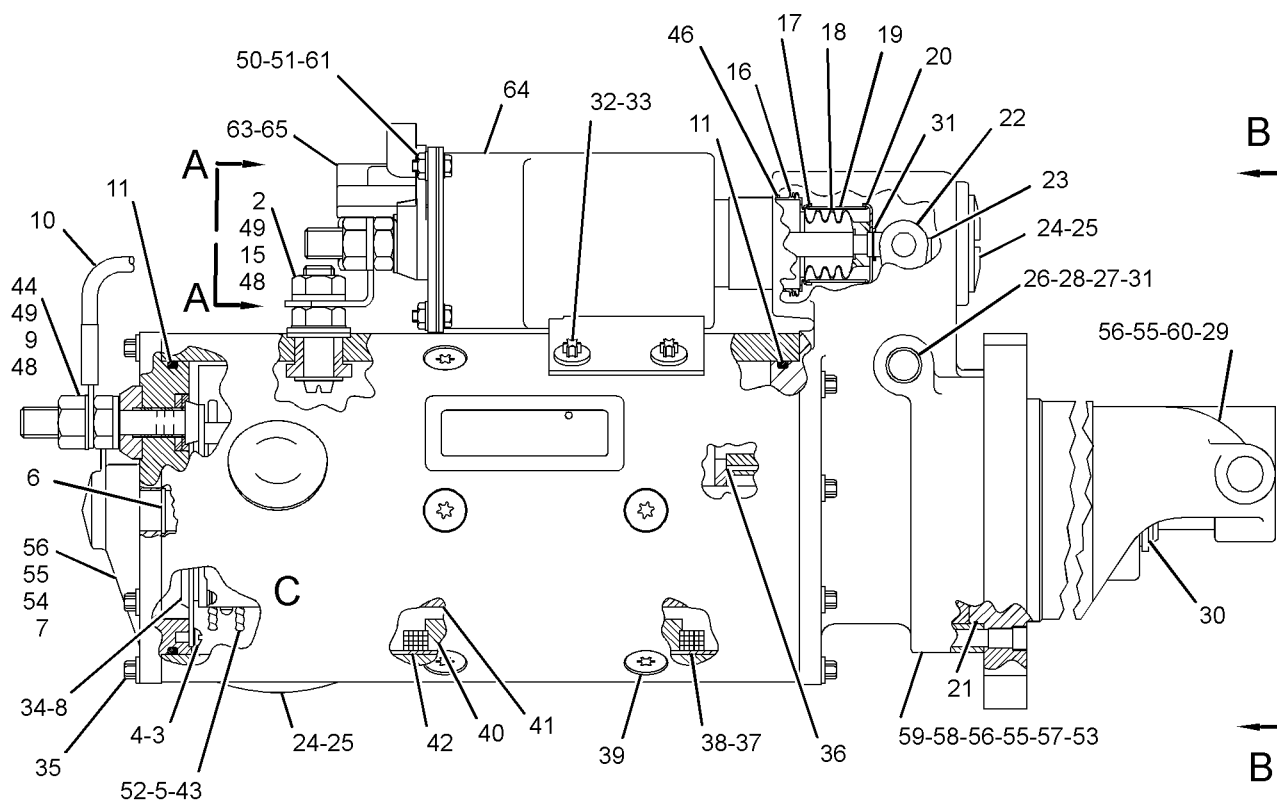
i03630206

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.)

i03630206



GRAPHIC #1

<END>

g01453239

ELECTRICAL AND STARTING SYSTEM

265-9091 STARTING MOTOR GP-ELECTRIC

S/N: BXY508-3999

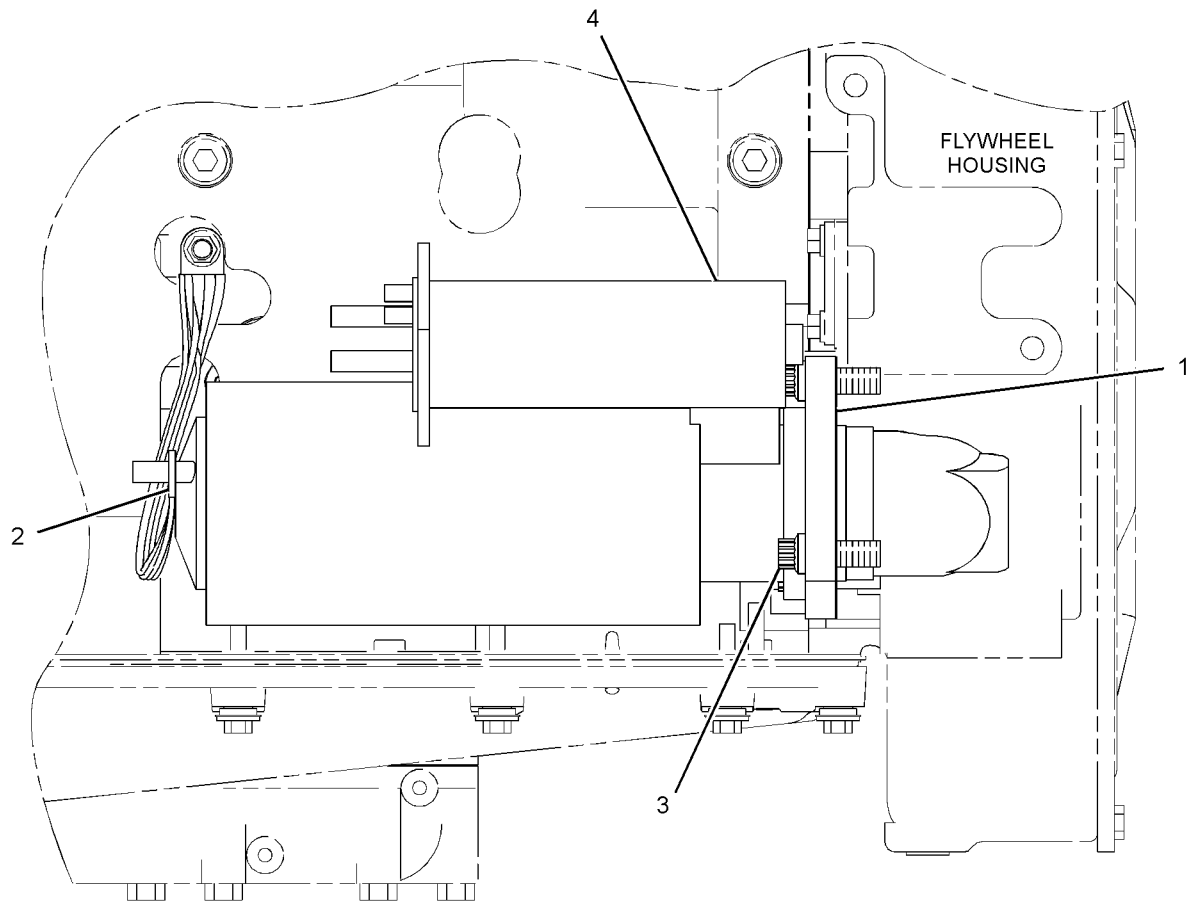
PART OF 226-9643 INSTALLATION AR-ENGINE

SMCS-1453

i02712070

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4N-1059	1	GASKET						
	2	1	306-8156	1	STRAP AS-GROUND						
	3	1	8S-2332	3	BOLT-12 POINT HEAD (5/8-11X1.75-IN)						
YR	4	1	237-1962	1	STARTING MOTOR GP-ELECTRIC (24-VOLT)						444

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION



LEFT SIDE VIEW OF ENGINE

GRAPHIC #1

<END>

g01364955

ELECTRICAL AND STARTING SYSTEM

265-9091 STARTING MOTOR GP-ELECTRIC

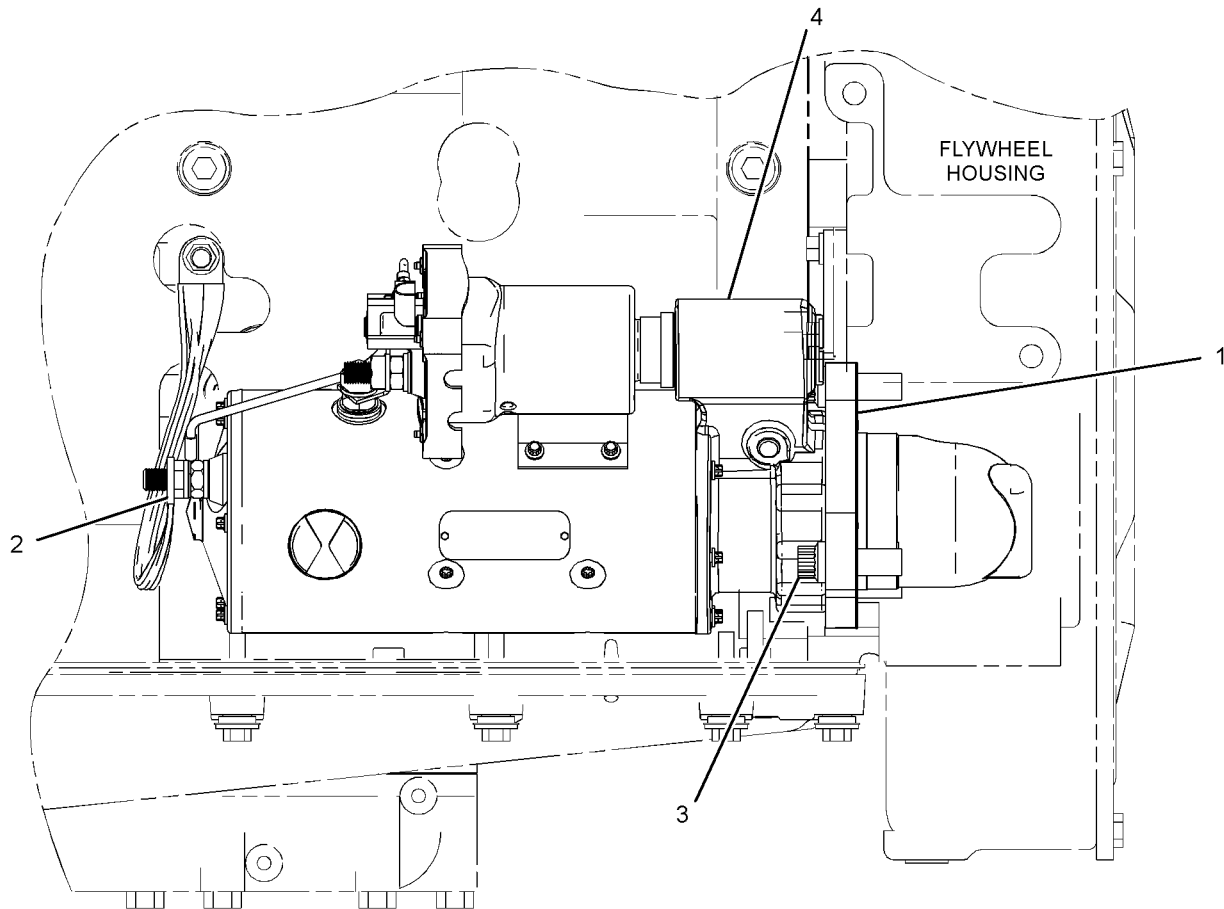
S/N: BXY4000-UP

PART OF 226-9643 INSTALLATION AR-ENGINE

SMCS-1453

i03784514

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4N-1059	1	GASKET						
	2	1	306-8156	1	STRAP AS-GROUND						
	3	1	8S-2332	3	BOLT-12 POINT HEAD (5/8-11X1.75-IN)						
CY	4	1	338-3454	1	STARTING MOTOR GP-ELECTRIC (24-VOLT)						449
C-CHANGE FROM PREVIOUS TYPE											
Y-SEPARATE ILLUSTRATION											



LEFT SIDE VIEW OF ENGINE

<END>

GRAPHIC #1

g02052561

ELECTRICAL AND STARTING SYSTEM

338-3454 STARTING MOTOR GP-ELECTRIC

S/N: BXY4000-UP

24-VOLT

PART OF 265-9091 STARTING MOTOR GP-ELECTRIC

SMCS-1453

i03784531

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	2L-6679	3	PLATE-INSULATOR						
	8B	1	3T-4709	3	PLATE						
	8C	1	3T-4710	3	PLATE						
	8D	1	5P-6298	12	SCREW-MACHINE (10-32X0.5-IN)						
	8E	1	6T-0363	6	HOLDER AS-BRUSH						
					(EACH INCLUDES)						
	8F	1	3T-9494	1	SPRING						
	8G	1	6T-0371	1	INSULATOR						
	8H	1	6T-0372	1	PLATE						
	8J	1	7F-3525	6	WASHER-BUSHING (0.207X0.39X0.09-IN THK)						
	8K	1	9F-5599	12	LOCKWASHER						
	9	1	1T-0808	2	WASHER (0.516X0.812X0.09-IN THK)						
	10	1	3T-3422	1	WIRE AS						
	11	1	2J-8163	2	SEAL-O-RING						
	12	1	7X-3373	1	BOLT (5/16-18X0.88-IN)						
	13	1	3T-3434	6	PLUG						
	14	1	5J-5314	5	BOLT (5/16-18X1.5-IN)						
	15	1	3L-3380	1	BUSHING-TERMINAL						
	16	1	8C-3089	1	SEAL-O-RING						
	17	1	4M-1853	1	LEVER AS-SHIFT						
	18	1	5M-3034	1	LOCKNUT (5/16-24-THD)						
	19	1	7L-2894	4	GASKET						
	20	1	4M-1831	4	PLUG-LEVER HOUSING						
	21	1	4M-1854	1	SHAFT-LEVER						
	22	1	1H-1023	1	SEAL-O-RING						
	23	1	2D-6392	1	SEAL-O-RING						
	24	1	7T-3974	1	HOUSING AS-DRIVE						
	25	1	6N-3826	1	DRIVE AS-MOTOR						
	26	1	2H-3429	1	RING-RETAINING						
	27	1	6V-1322	4	BOLT (1/4-20X0.375-IN)						
	28	1	8T-4205	4	WASHER-HARD (7.2X14.5X2-MM THK)						
	29	1	6N-3279	1	INSULATOR						
	30	1	0S-1597	13	BOLT (1/4-28X1-IN)						
	31	1	1M-9971	1	SPACER (0.835X1.72X0.188-IN THK)						
	32	1	1H-2629	3	STRIP-INSULATION						
	33	1	7M-0324	1	COIL AS-FIELD						
	34	1	3R-8797	12	SCREW & WASHER AS (3/8-24X0.72-IN)						
	35	1	7F-3488	6	SHOE-POLE						
	36	1	7M-8651	1	ARMATURE AS						
	37	1	7M-0325	1	INSULATOR						
	38	1	3T-9524	6	BRUSH AS						
	39	1	3N-3763	1	KIT-TERMINAL (STARTING MOTOR)						
					(INCLUDES BUSHINGS & WASHERS)						
	40	1	338-3453	1	SOLENOID AS-STARTING MOTOR (24-VOLT)						

ELECTRICAL AND STARTING SYSTEM

338-3454 STARTING MOTOR GP-ELECTRIC (contd.)

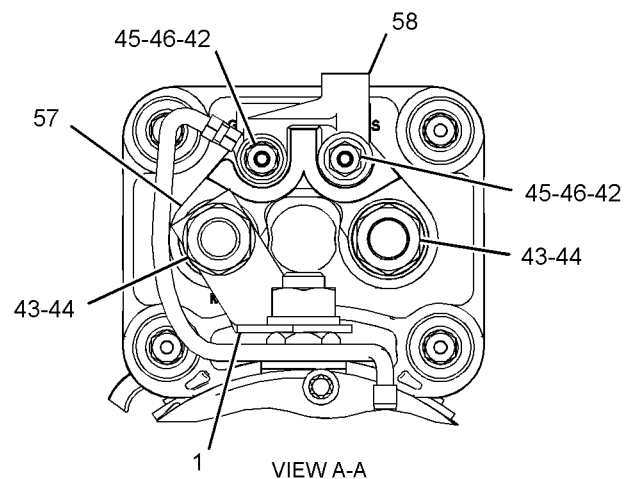
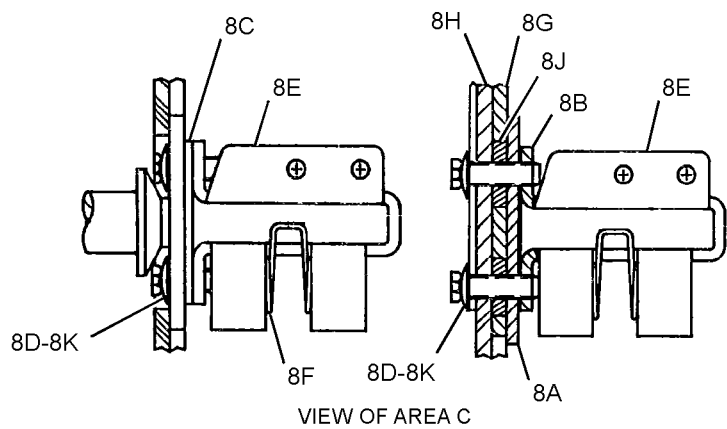
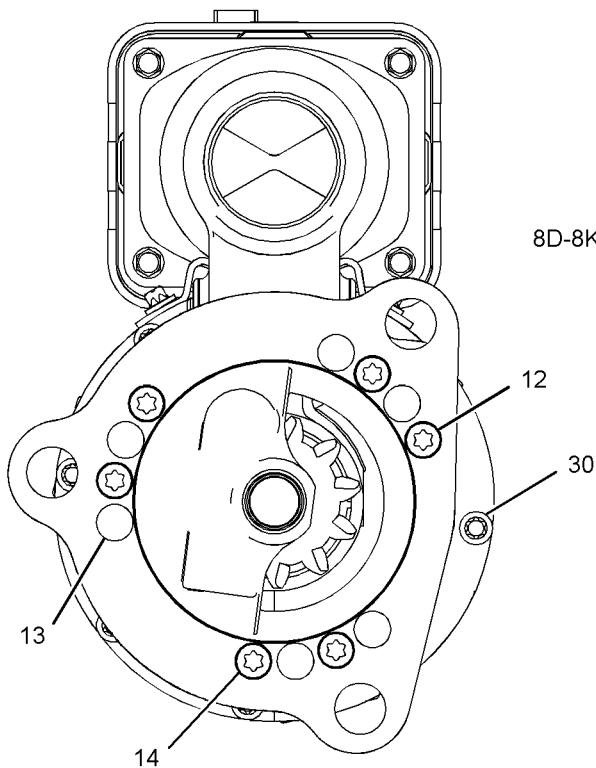
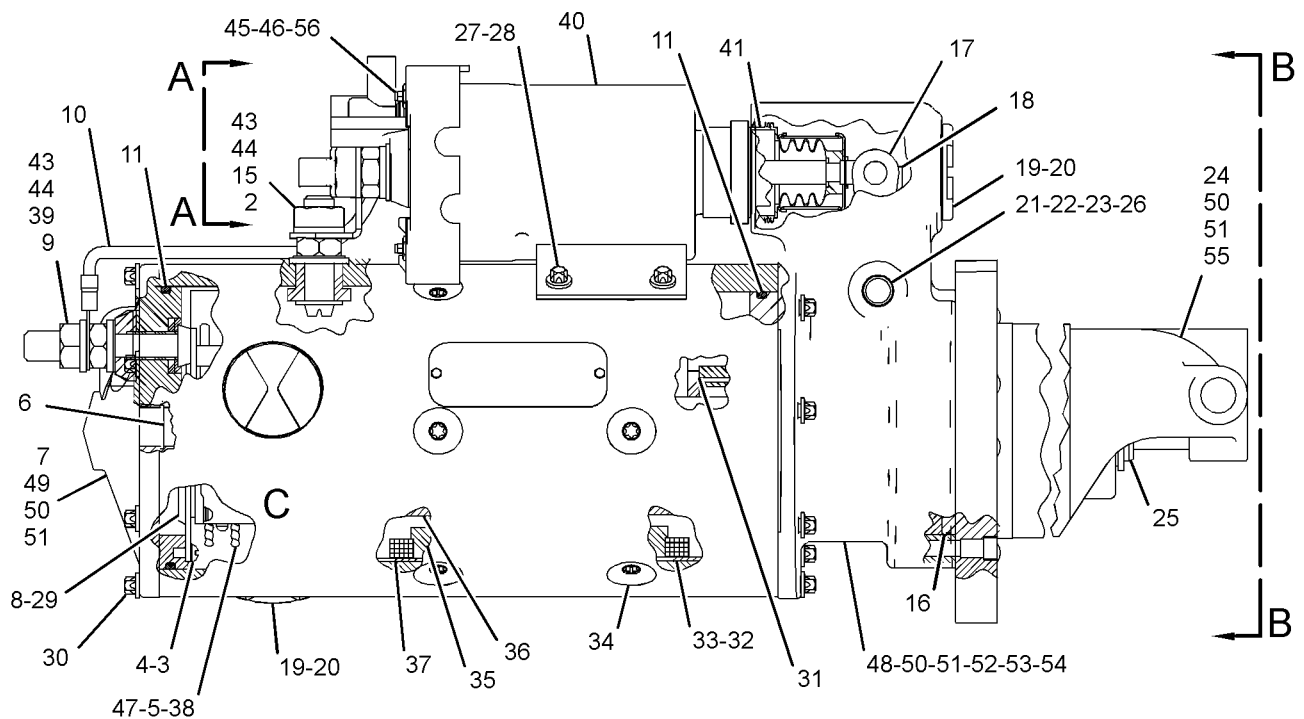
i03784531

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	3R-8801	1	CLAMP						
41		1	3R-8801	1	CLAMP						
42		1	8F-1434	2	LOCKWASHER						
43		1	6V-8188	6	NUT (1/2-13-THD)						
44		1	7X-0562	6	WASHER-HARD (13.5X19X0.8-MM THK)						
45		1	4B-2049	6	NUT (10-32-THD)						
46		1	8T-0328	10	WASHER-HARD (5.5X10X1-MM THK)						
47		1	3T-9494	6	SPRING						
48		1	3E-7771	1	HOUSING AS (STARTING MOTOR)						
49		1	9G-4101	1	BUSHING-END						
50		1	3T-3424	3	PLUG-FELT						
51		1	3T-3423	3	CUP						
52		1	1M-9968	1	BUSHING						
53		1	2F-6678	1	SEAL-LIP TYPE						
54		1	4L-2729	1	WASHER (0.844X1.9X0.188-IN THK)						
55		1	4M-1896	1	BUSHING-TERMINAL						
56		1	045-4065	4	SCREW-MACHINE (10-32X0.75-IN)						
57		1	125-6537	1	INSULATOR						
58		1	125-6535	1	COVER-STARTING MOTOR						

ELECTRICAL AND STARTING SYSTEM

338-3454 STARTING MOTOR GP-ELECTRIC (contd.)

i03784531



GRAPHIC #1

<END>

g02064553

ELECTRICAL AND STARTING SYSTEM

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

S/N: BXY1-3999

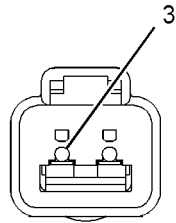
PART OF 225-6859, 284-2998 WIRING GP-MACHINE

SMCS-1408, 1435

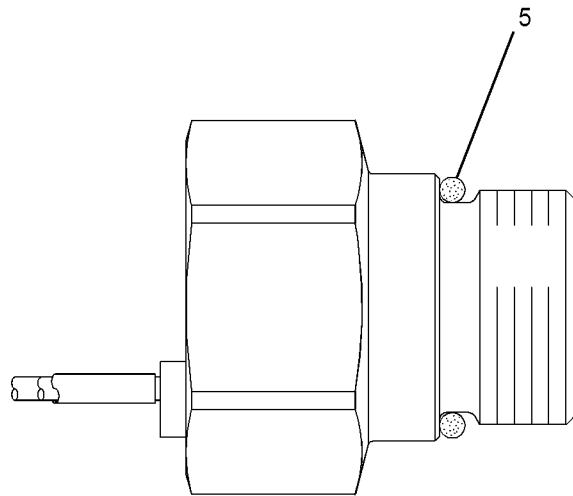
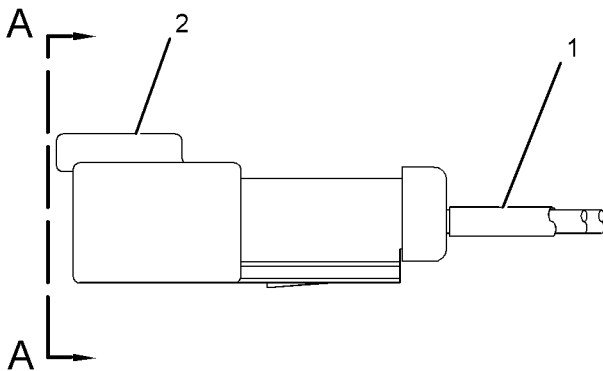
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NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
E	1	1	9X-1813		SLEEVE (19-CM)	
	2	1	102-8802	1	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
	3	1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)	
	5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

E-ORDER BY THE CENTIMETER



VIEW A-A



GRAPHIC #1

<END>

g01903153

ELECTRICAL AND STARTING SYSTEM

7N-0719 SWITCH GP-DISCONNECT-BATTERY

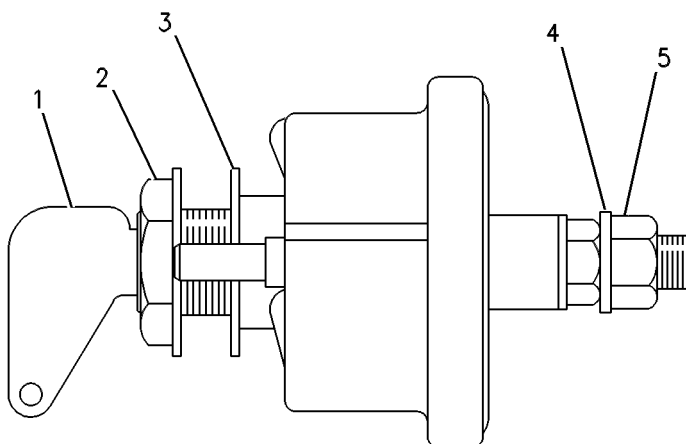
S/N: BXY1-UP

PART OF 257-5028, 284-3010 BATTERY & WIRING GP, 340-1119 WIRING GP-BUMPER

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

176-8350 SWITCH GP-ENGINE BRAKE

S/N: BXY1-UP

PART OF 234-5706 ENGINE AR
AN ATTACHMENT

SMCS-7332

i02022570

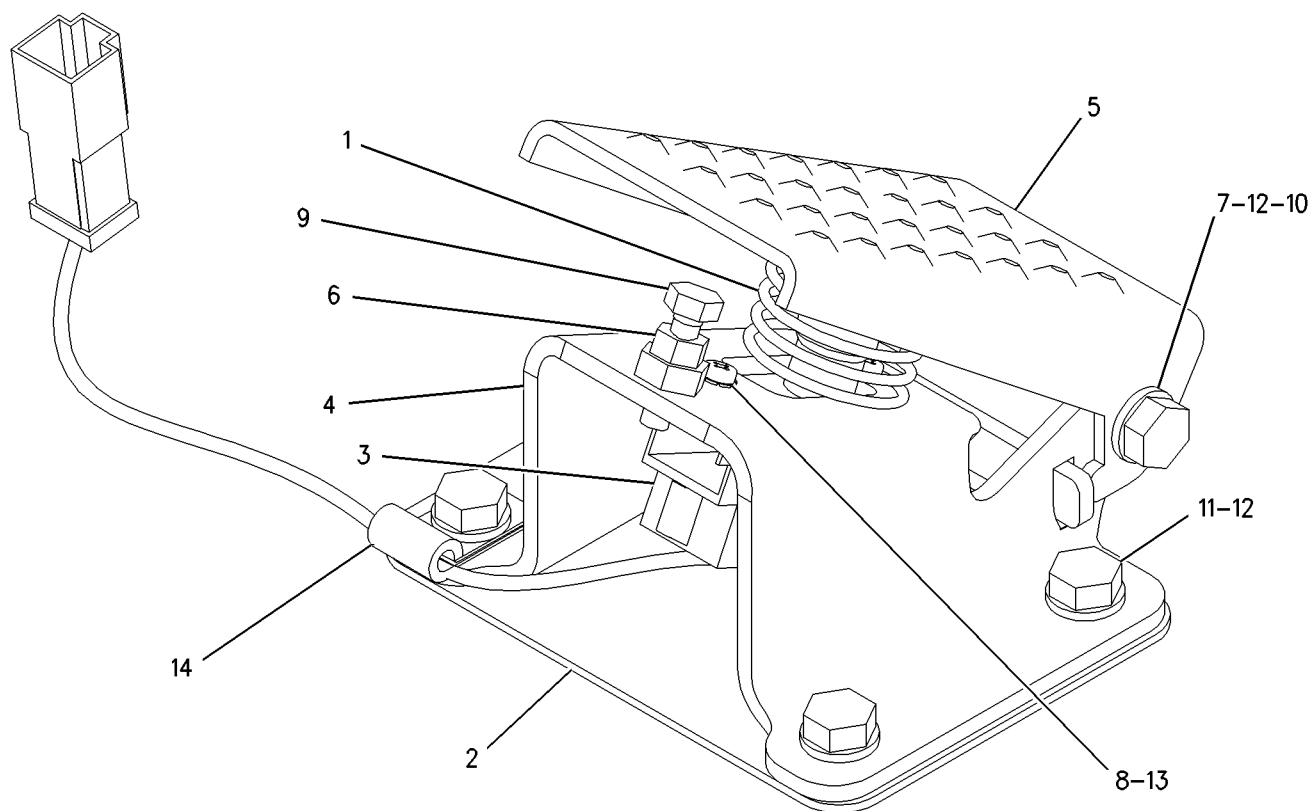
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8J-2357	1	SPRING						
	2	1	179-8107	1	BRACKET AS						
	3	1	185-6690	1	SWITCH AS-FOOT (ENGINE BRAKE)						
		1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)						
		1	8T-8729	3	PIN-CONNECTOR						
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	4	1	195-2251	1	BRACKET AS						
M		1	6V-9632	1	NUT-WELD (M6X1-THD)						
	5	1	195-2271	1	PEDAL AS						
M	6	1	5C-2890	1	NUT (M6X1-THD)						
M	7	1	5C-7261	1	NUT (M8X1.25-THD)						
	8	1	5H-6555	2	LOCKWASHER						
M	9	1	6V-7357	1	BOLT (M6X1X25-MM)						
M	10	1	8T-4177	1	BOLT (M8X1.25X90-MM)						
M	11	1	8T-4200	4	BOLT (M8X1.25X16-MM)						
	12	1	8T-4224	6	WASHER-HARD (8.8X16X2-MM THK)						
	13	1	9X-6258	2	SCREW-MACHINE (6-32X0.5-IN)						
	14	1	8M-2772	1	CLIP						

M-METRIC PART

ELECTRICAL AND STARTING SYSTEM

176-8350 SWITCH GP-ENGINE BRAKE (contd.)

i02022570



GRAPHIC #1

<END>

g00843438

ELECTRICAL AND STARTING SYSTEM

125-1302 SWITCH GP-MAGNETIC-START RELAY

S/N: BXY1-UP

24-VOLT

PART OF 257-0051, 280-4033, 292-8134, 308-2710, 309-0972, 309-0973 WIRING

GP-ELECTRONICS BAY

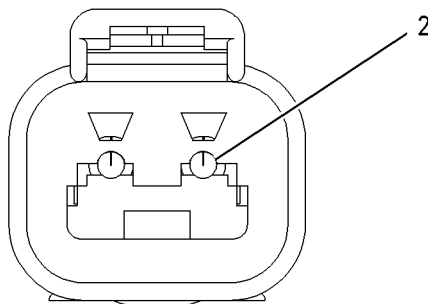
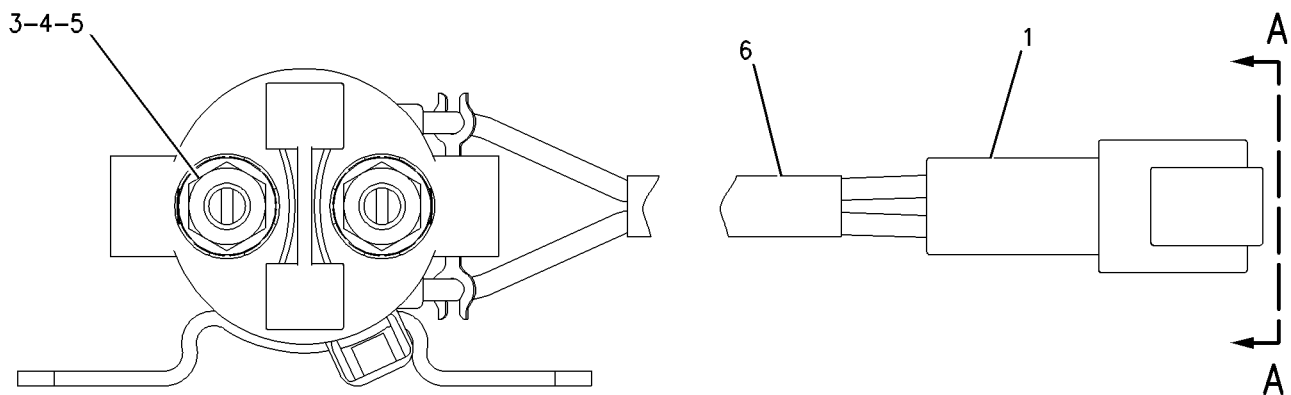
ALSO AN ATTACHMENT

SMCS-7499

i03260001

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)						
	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



VIEW A-A

GRAPHIC #1

<END>

g00988001

ELECTRICAL AND STARTING SYSTEM

241-8368 SWITCH GP-MAGNETIC-MAIN RELAY

S/N: BXY1-UP

24-VOLT

PART OF 257-0051, 280-4033, 292-8134, 308-2710, 309-0972, 309-0973 WIRING

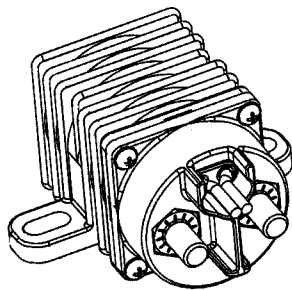
GP-ELECTRONICS BAY

ALSO AN ATTACHMENT

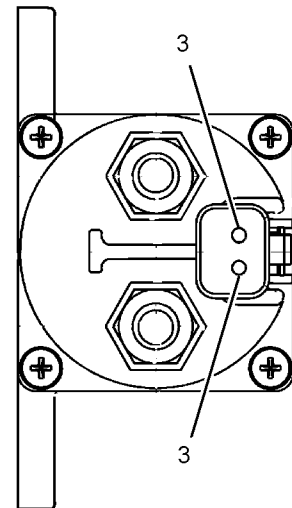
SMCS-7499

i03570587

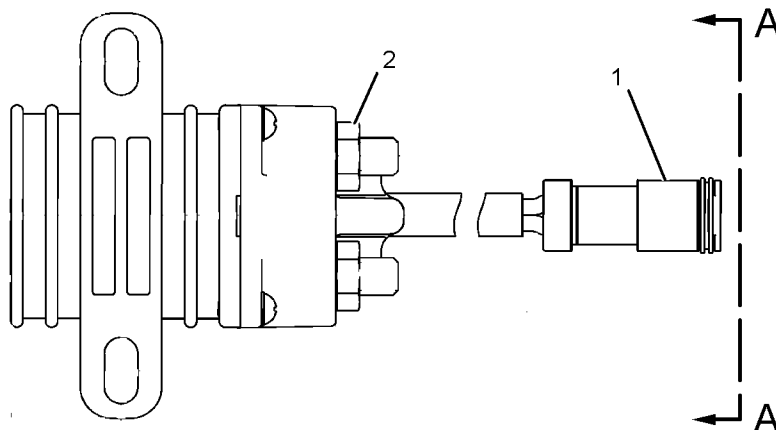
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	155-2270	1	KIT-CONNECTING PLUG (2-PIN) (INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
	2	1	4F-2294	2	NUT-JAM (5/16-24-THD)	
	3	1	186-3736	2	SOCKET-CONNECTOR (16-GA TO 18-GA)	



ISOMETRIC VIEW



VIEW A-A



GRAPHIC #1

<END>

g01077362

ELECTRICAL AND STARTING SYSTEM

196-5538 SWITCH GP-PAYLOAD STORE-REMOTE

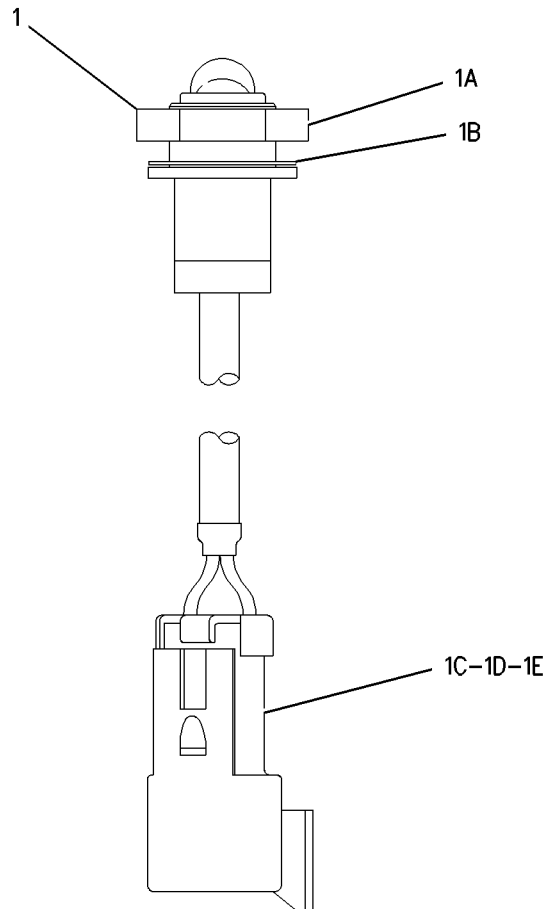
S/N: BXY1-UP

PART OF 235-4176 MONITOR AR-PAYLOAD
AN ATTACHMENT

SMCS-7332

i01425835

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	188-3984	1	SWITCH AS-PUSH BUTTON (REMOTE PAYLOAD STORE)	
	1A	1	3K-0835	1	NUT (5/8-24-THD)	
	1B	1	6F-0253	1	LOCKWASHER	
	1C	1	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)	
	1D	1	102-8803	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	1E	1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)	



GRAPHIC #1

<END>

g00747097

ELECTRICAL AND STARTING SYSTEM

350-9961 SWITCH GP-PAYLOAD STORE

S/N: BXY4000-UP

PART OF 345-0533 MONITOR AR-PAYLOAD
AN ATTACHMENT

SMCS-7332

i03796067

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	268-6497	1	FILM-IDENTIFICATION (PAYLOAD STORE)						
	263-1493	1	SWITCH AS-PUSH BUTTON (PAYLOAD STORE)						
	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
			(INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
	6F-0253	1	LOCKWASHER						
	172-3511	1	NUT (5/8-24-THD)						
	9X-3402	3	SOCKET-CONNECTOR (16-GA TO 18-GA)						
			-OR-						
	126-1768	3	SOCKET-CONNECTOR (14-GA)						

<END>

ELECTRICAL AND STARTING SYSTEM

258-0883 SWITCH GP-PRESSURE-FUEL

S/N: RHX1-1850

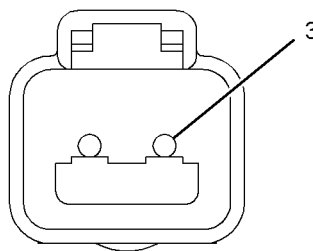
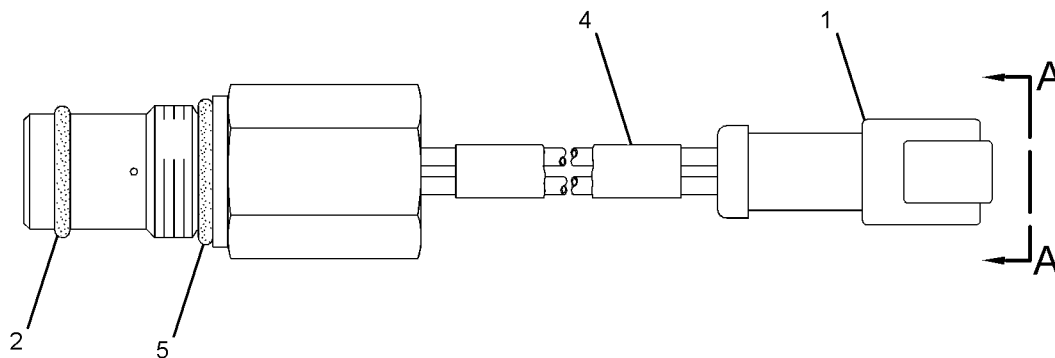
PART OF 231-0321 FILTER GP-FUEL
AN ATTACHMENT

SMCS-1435

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

275-1253 SWITCH GP-PRESSURE-FUEL FILTER

S/N: RHX1-UP

AMPSEAL CONNECTOR

PART OF 231-0321, 314-5216 FILTER GP-FUEL

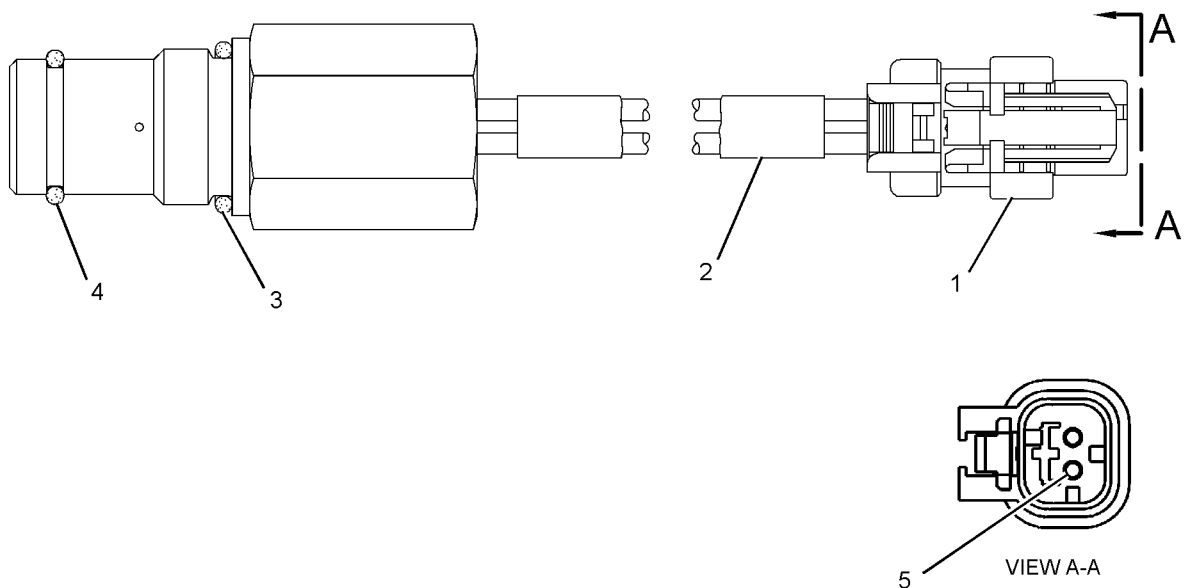
AN ATTACHMENT

SMCS-1435

i03524880

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	230-4011	1	PLUG AS-CONNECTOR (2-PIN)	
			264-7029	1	SEAL-CONNECTOR	
E	2	1	9X-1813		SLEEVE (14-CM)	
	3	1	6V-4589	1	SEAL-O-RING	
	4	1	9X-7737	1	SEAL-O-RING	
	5	1	144-1636	2	PIN-CONNECTOR (14-GA TO 18-GA)	

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g01238534

ELECTRICAL AND STARTING SYSTEM

261-0416 SWITCH GP-RIDE CONTROL

S/N: BXY1-UP

PART OF 254-6062 CONTROL AR-RIDE
AN ATTACHMENT

SMCS-7332

i02224629

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	163-1878	1	LAMP-LED (24-VOLT, YELLOW)						
	261-4911	1	SWITCH AS-ROCKER (RIDE CONTROL)						
<END>									

ELECTRICAL AND STARTING SYSTEM

208-0545 SWITCH GP-ROCKER- TORQUE CONVERTER LOCKUP CLUTCH

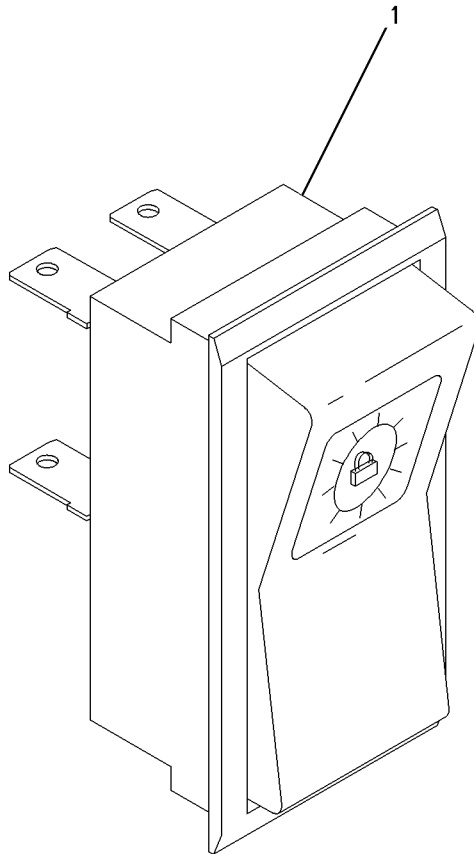
S/N: BXY1-3999

PART OF 231-7842 TORQUE CONVERTER AR-LOCKUP
AN ATTACHMENT

SMCS-7332

i03362200

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
C	1	1	223-8969	1	SWITCH AS-ROCKER (TORQUE CONVERTER LOCKUP CLUTCH)	
F		1	163-1878	1	LAMP-LED (24-VOLT, YELLOW)	
C-CHANGE FROM PREVIOUS TYPE						
F-NOT SHOWN						



GRAPHIC #1

<END>

g00678921

ELECTRICAL AND STARTING SYSTEM

327-4485 SWITCH GP-ROCKER-LUBRICATION

S/N: BXY1900-UP

PART OF 293-7304, 293-7306, 293-7308, 349-4484, 349-4485, 349-4486

LUBRICATION AR-AUTOMATIC

AN ATTACHMENT

SMCS-7332

i03090700

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	233-6046	1	SWITCH AS-ROCKER (AUTOMATIC LUBRICATION CONTROL)						
	163-1876	1	LAMP-LED (24-VOLT, RED)						
<END>									

346-3830 SWITCH GP-ROCKER-TORQUE CONVERTER LOCKUP

S/N: BXY4000-UP

PART OF 231-7842 TORQUE CONVERTER AR-LOCKUP

AN ATTACHMENT

SMCS-7332

i03792290

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	163-1878	1	LAMP-LED (24-VOLT, YELLOW)						
	251-2029	1	SWITCH AS-ROCKER (TORQUE CONVERTER LOCKUP)						
<END>									

ELECTRICAL AND STARTING SYSTEM

232-7610 SWITCH GP-SIGNAL

S/N: BXY1-UP

PART OF 285-6400 LIGHTING AR-FLOOD & SIGNAL, 230-5672, 230-5673 LIGHTING
AR-SIGNAL

AN ATTACHMENT

SMCS-7332

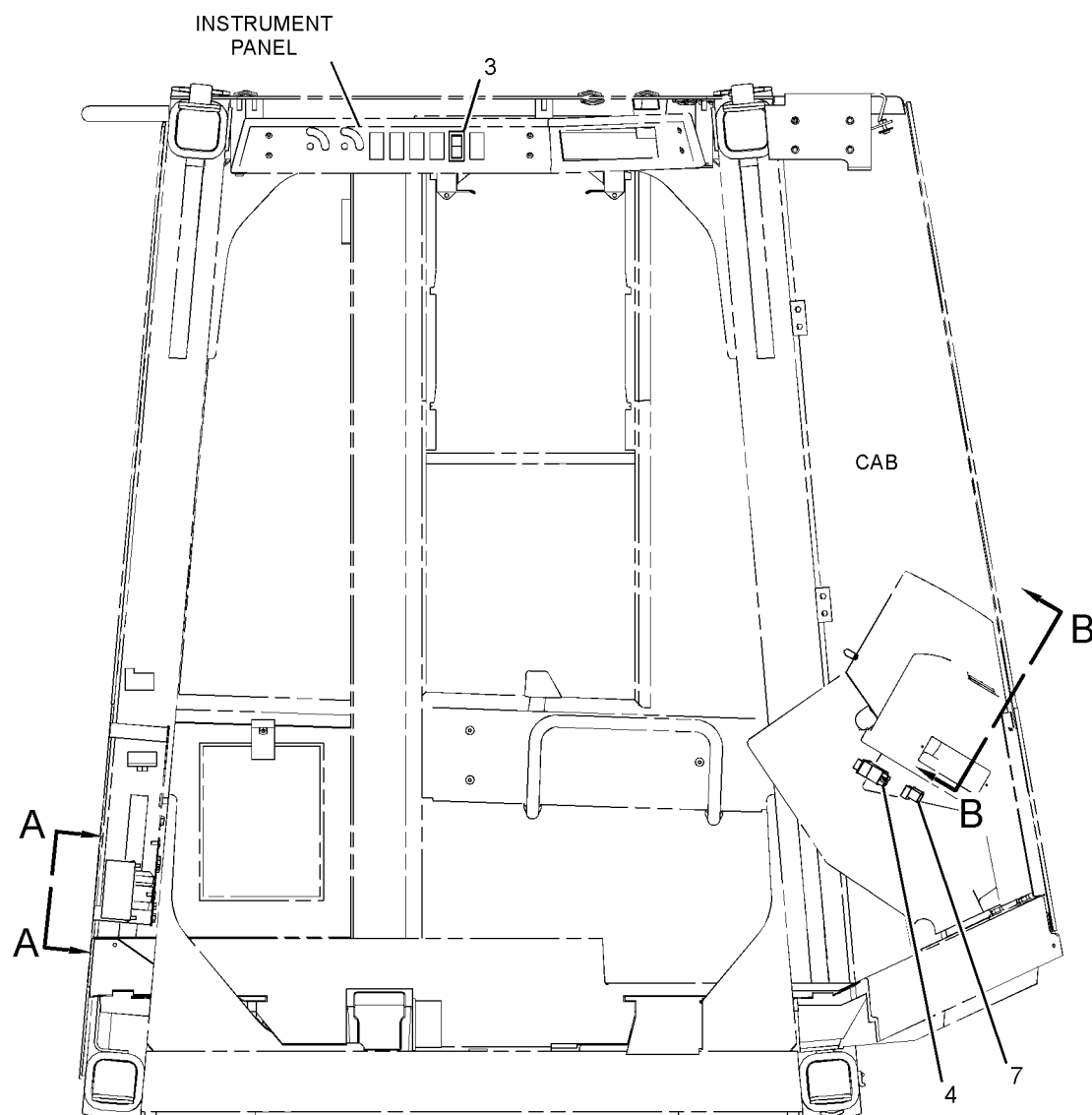
i02906359

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	108-0358	1	FLASHER AS (24-VOLT)	
	2	1	163-1879	1	LAMP-LED (24-VOLT, GREEN)	
	3	1	219-9536	1	SWITCH AS-ROCKER (HAZARD WARNING LIGHTS)	
	4	1	223-8979	1	SWITCH AS-ROCKER (TURN SIGNAL)	
	5	1	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)	
M	6	1	8T-4970	2	BOLT (M6X1X14-MM)	
	7	1	172-9200	1	SUPPRESSOR-ARC	
M-METRIC PART						

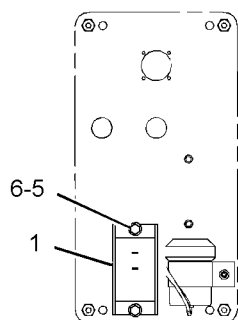
ELECTRICAL AND STARTING SYSTEM

232-7610 SWITCH GP-SIGNAL (contd.)

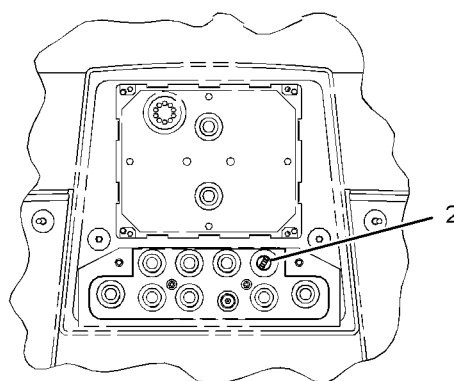
i02906359



RIGHT SIDE VIEW



VIEW A-A



VIEW B-B

GRAPHIC #1

<END>

g01449647

ELECTRICAL AND STARTING SYSTEM

350-9960 SWITCH GP-SIGNAL

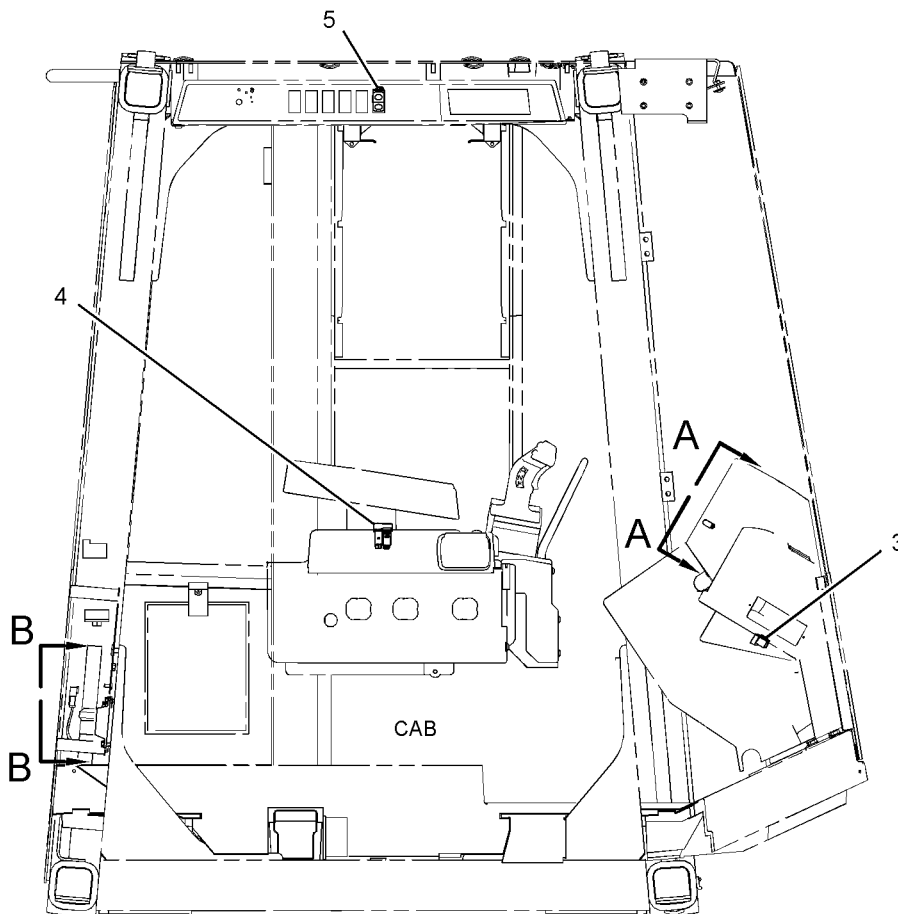
S/N: BXY4000-UP

PART OF 285-6400 LIGHTING AR-FLOOD & SIGNAL, 230-5673 LIGHTING AR-SIGNAL
AN ATTACHMENT

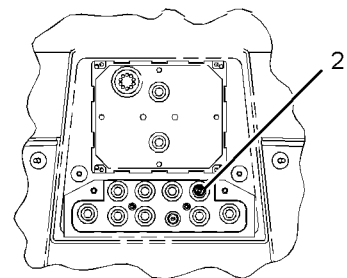
SMCS-7332

i03792275

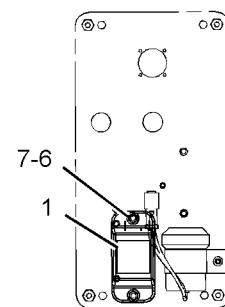
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	108-0358	1	FLASHER AS (24-VOLT)	
	2	1	163-1879	1	LAMP-LED (24-VOLT, GREEN)	
	3	1	172-9200	1	SUPPRESSOR-ARC	
	4	1	249-5482	1	SWITCH AS-ROCKER (24-VOLT)	
	5	1	256-7823	1	SWITCH AS-ROCKER (24-VOLT)	
	6	1	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)	
M	7	1	8T-4970	2	BOLT (M6X1X14-MM)	
M-METRIC PART						



RIGHT SIDE VIEW



VIEW A-A



VIEW B-B

GRAPHIC #1

<END>

g02061195

ELECTRICAL AND STARTING SYSTEM

165-5970 SWITCH GP-TOGGLE-FUEL PRIMING PUMP

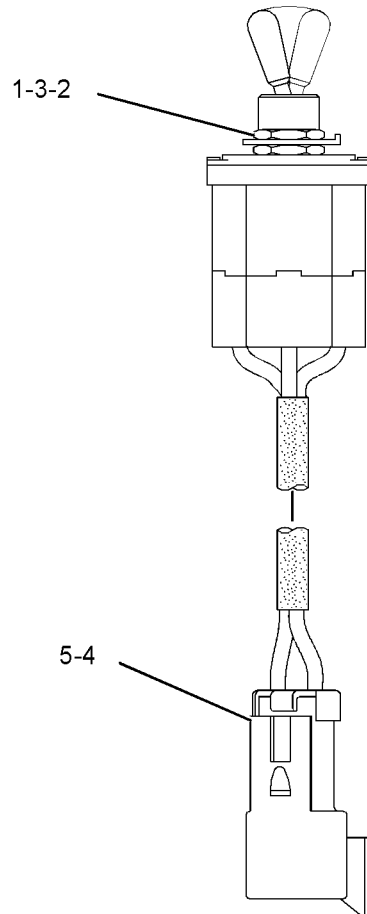
S/N: BXY1-UP

PART OF 225-8334 LINES GP-FUEL

SMCS-7332

i03546941

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	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)						



GRAPHIC #1

<END>

g01874792

ELECTRICAL AND STARTING SYSTEM

180-3732 SWITCH GP-WIPER-INTERMITTENT

S/N: BXY1-UP
AN ATTACHMENT

SMCS-7332

i03083340

			PART NAME						SEE
NOTE	PART NUMBER	QTY	1	2	3	4	5	6 (PRODUCT LEVEL)	PAGE
Y	275-7741	1	SWITCH GP-WIPER (24-VOLT, INTERMITTENT)						470
Y-SEPARATE ILLUSTRATION									

<END>

ELECTRICAL AND STARTING SYSTEM

275-7741 SWITCH GP-WIPER-INTERMITTENT

S/N: BXY1900-UP

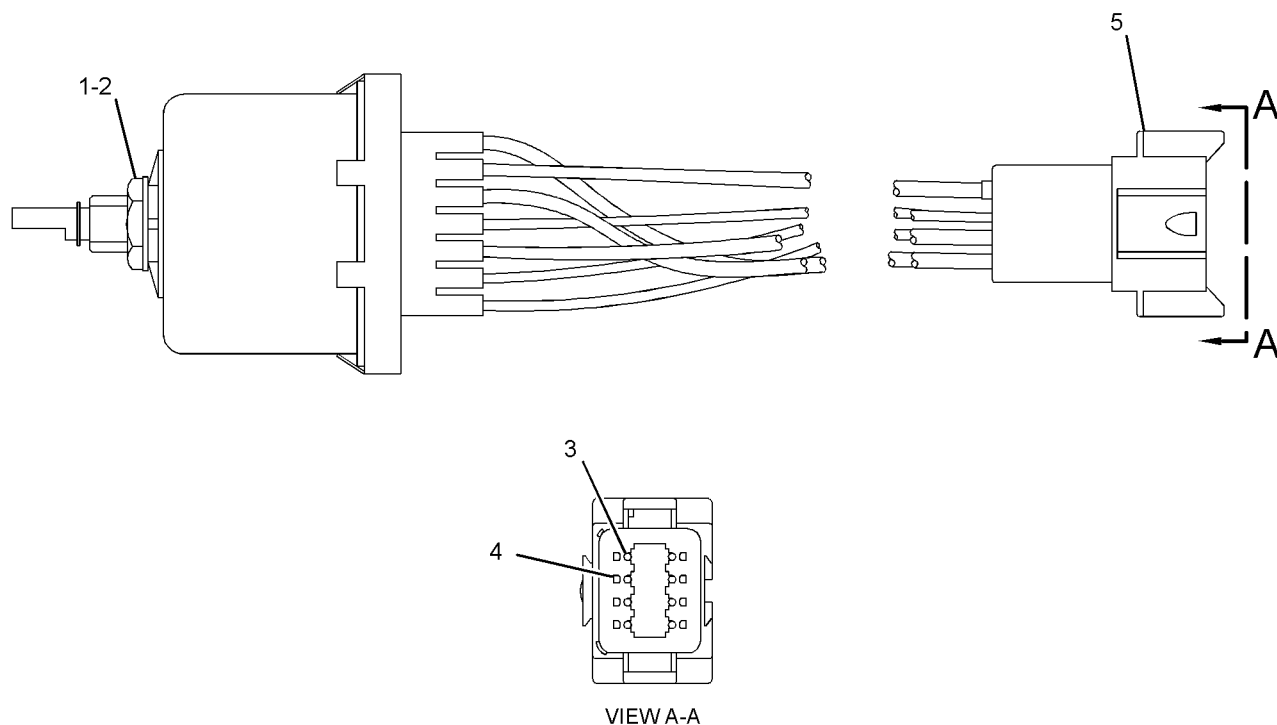
24-VOLT

PART OF 180-3732 SWITCH GP-WIPER, 261-0400, 345-4460 WIRING GP-CAB
ALSO AN ATTACHMENT

SMCS-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: BXY1-UP

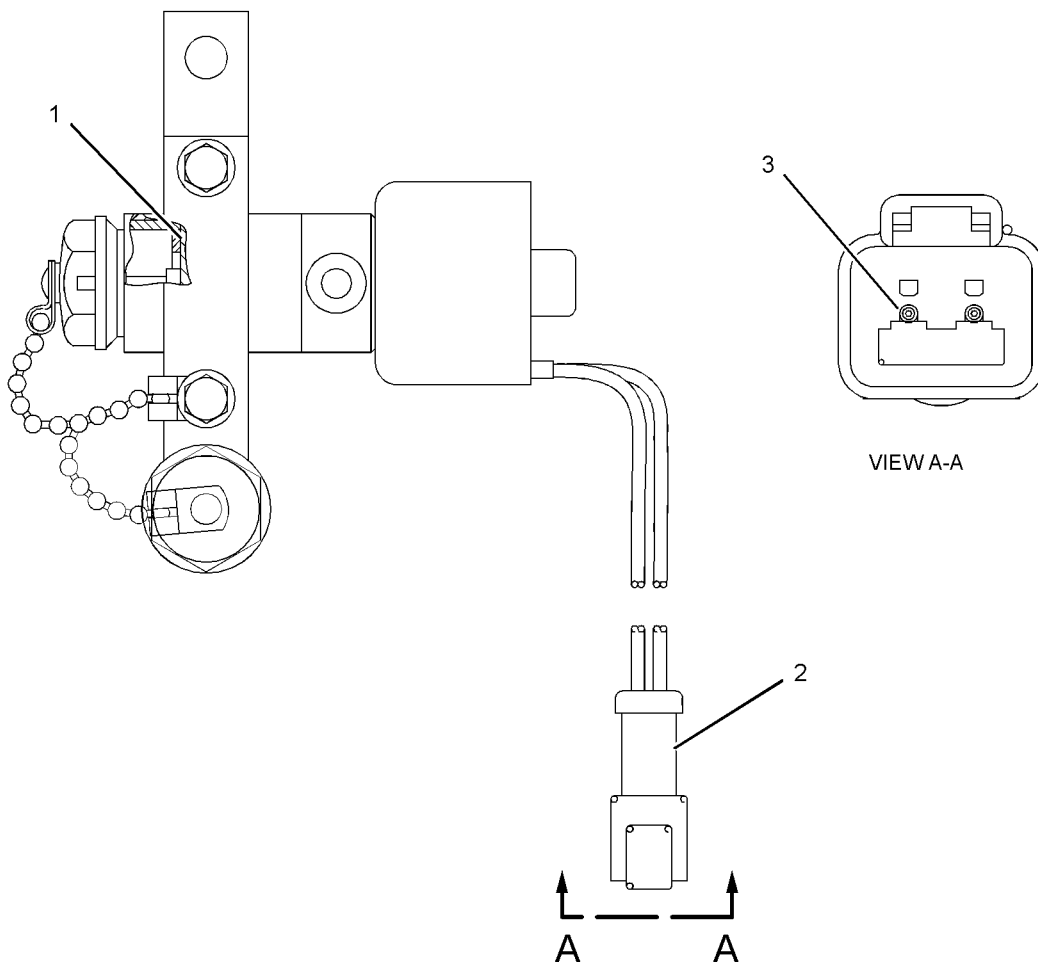
24-VOLT

PART OF 247-0849 VALVE GP-ETHER STARTING

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)						



GRAPHIC #1

<END>

g01375620

ELECTRICAL AND STARTING SYSTEM

247-0849 VALVE GP-ETHER STARTING

S/N: BXY1-UP

PART OF 247-0848 STARTING AID GP-ETHER

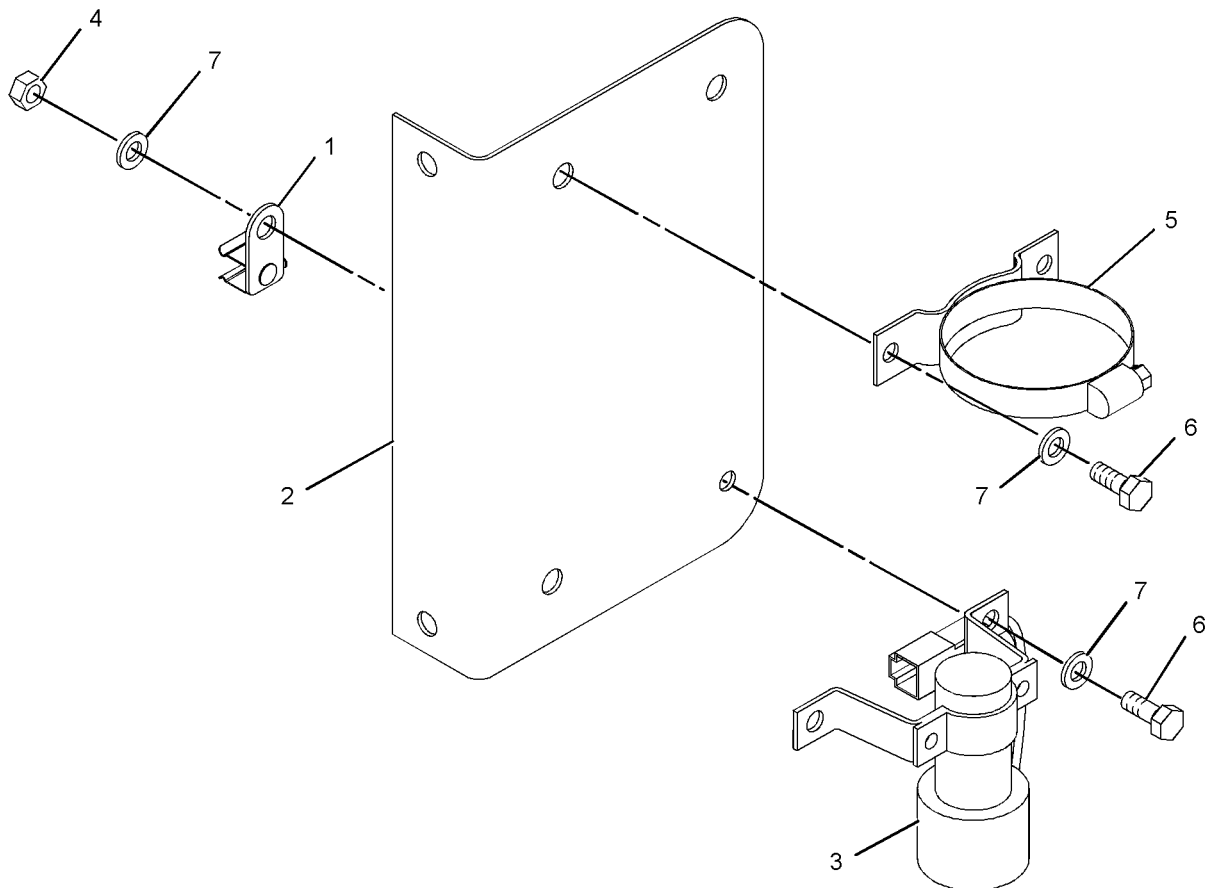
SMCS-1456

i02210947

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6	
	1	1	9U-2277	1	CLIP AS						
	2	1	145-2379	1	BRACKET AS						
M		1	8T-3612	3	NUT-WELD (M8X1.25-THD)						
Y	3	1	239-1134	1	VALVE GP-ETHER STARTING (24-VOLT)						471
M	4	1	5C-7261	1	NUT (M8X1.25-THD)						
	5	1	7N-2059	1	CLAMP AS						
M	6	1	8T-4189	4	BOLT (M8X1.25X20-MM)						
	7	1	8T-4224	5	WASHER-HARD (8.8X16X2-MM THK)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01118758

ELECTRICAL AND STARTING SYSTEM

231-3882 WARNING GP-BACKUP

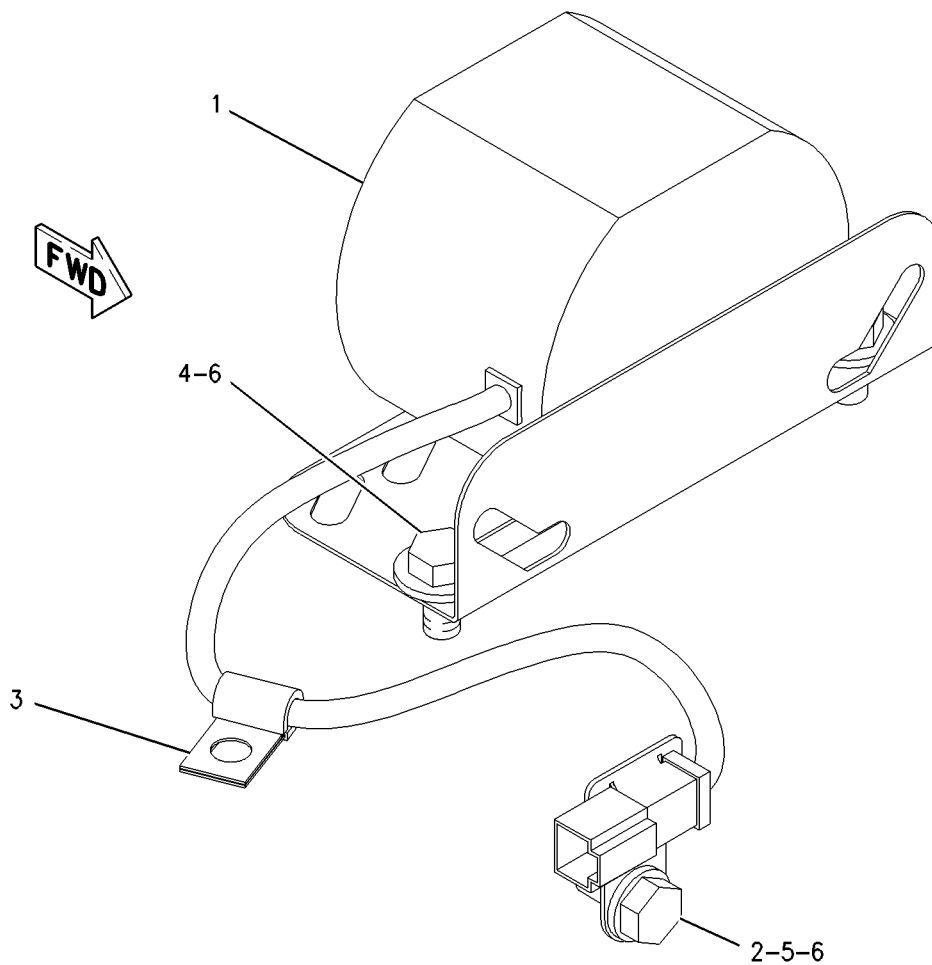
S/N: BXY1-UP

PART OF 225-5452, 284-2987, 337-0870 ELECTRICAL AR

SMCS-7406

i02265545

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	213-9100	1	ALARM GP (BACKUP)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)						
	2	1	130-5300	1	CLIP						
	3	1	5P-9085	1	CLIP						
	4	1	7X-0772	2	WASHER-HARD (10.2X25.5X2.5-MM THK)						
	5	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						
M	6	1	8T-4137	3	BOLT (M10X1.5X20-MM)						
M-METRIC PART											



GRAPHIC #1

<END>

g01004802

ELECTRICAL AND STARTING SYSTEM

260-0081 WIRING GP-AUTOLUBE CONTROL

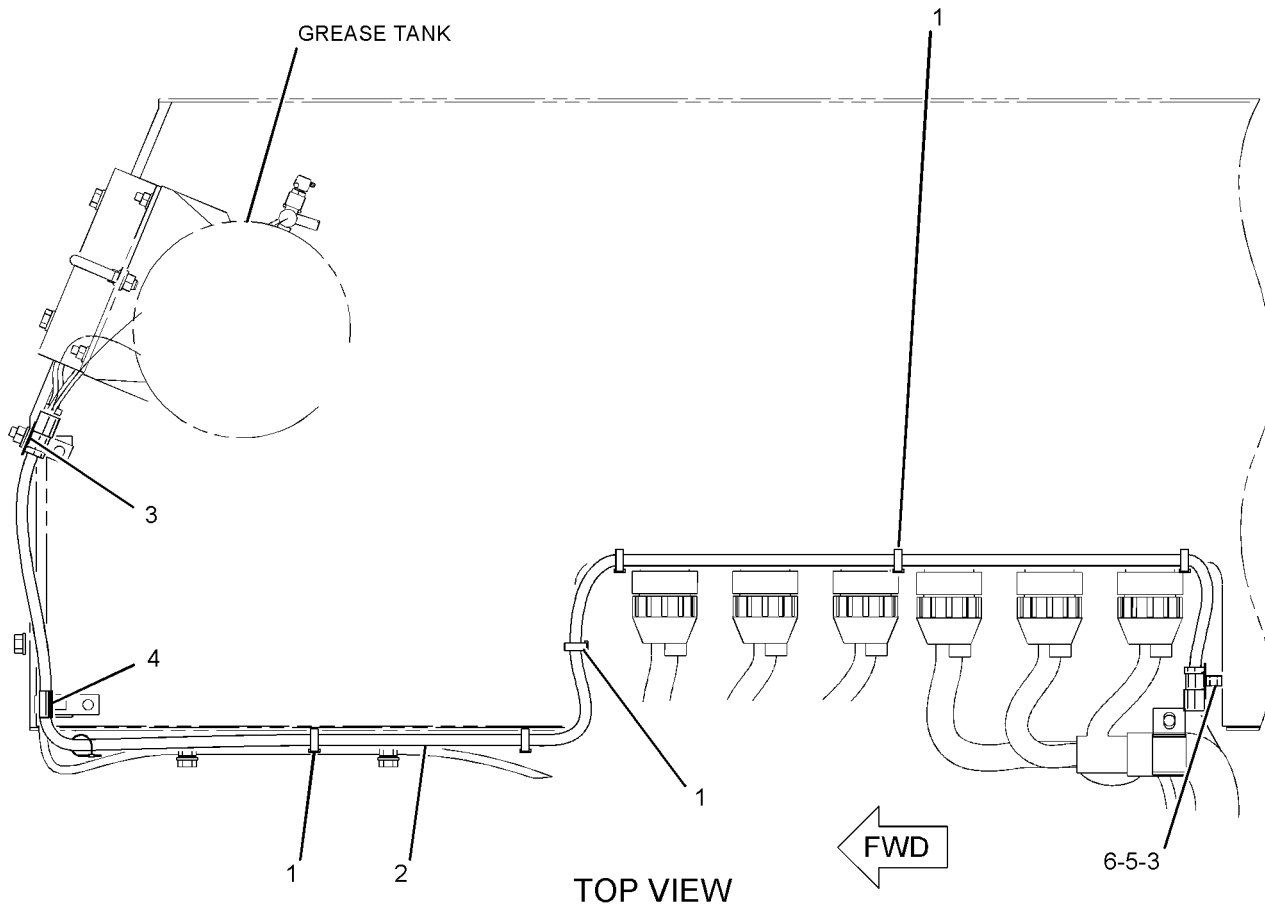
S/N: BXY1-UP

PART OF 247-7033, 247-7034, 259-2405, 293-7303, 293-7305, 293-7307
LUBRICATION AR-AUTOMATIC
AN ATTACHMENT

SMCS-1408, 7540

i02742117

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-6772	7	STRAP-CABLE						
	2	1	278-8981	1	HARNESS AS-CONTROL (AUTOMATIC LUBRICATION SYSTEM)						
		1	102-8803	2	KIT-RECEPTACLE (3-PIN) (EACH INCLUDES RECPTACLE AS AND WEDGE)						
	3	1	130-5300	2	CLIP						
	4	1	6V-2383	1	CLIP						
	5	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						
M	6	1	8T-4137	1	BOLT (M10X1.5X20-MM)						
M-METRIC PART											



GRAPHIC #1

<END>

g01122434

ELECTRICAL AND STARTING SYSTEM

262-0558 WIRING GP-AUTOLUBE CONTROL

S/N: BXY1-1899

PART OF 259-2435, 259-2436, 259-2437 LUBRICATION AR-AUTOMATIC
AN ATTACHMENT

SMCS-1408, 7540

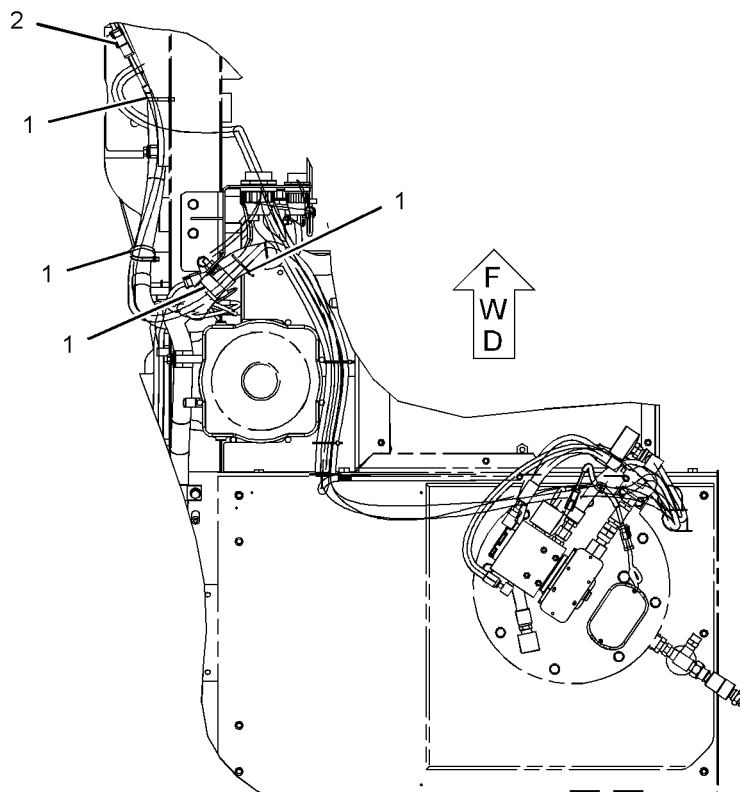
i02225679

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	9X-6772	4	STRAP-CABLE	
	2	1	262-3887	1	HARNESS AS-CONTROL (AUTOMATIC LUBRICATION SYSTEM)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
		1	102-8805	1	KIT-RECEPTACLE (6-PIN) (EACH KIT INCLUDES RECEPTACLE AS AND WEDGE)	
		1	8T-8737	1	PLUG-SEAL	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN) (INCLUDES PLUG AS AND WEDGE)	
	3	1	6V-2383	3	CLIP	

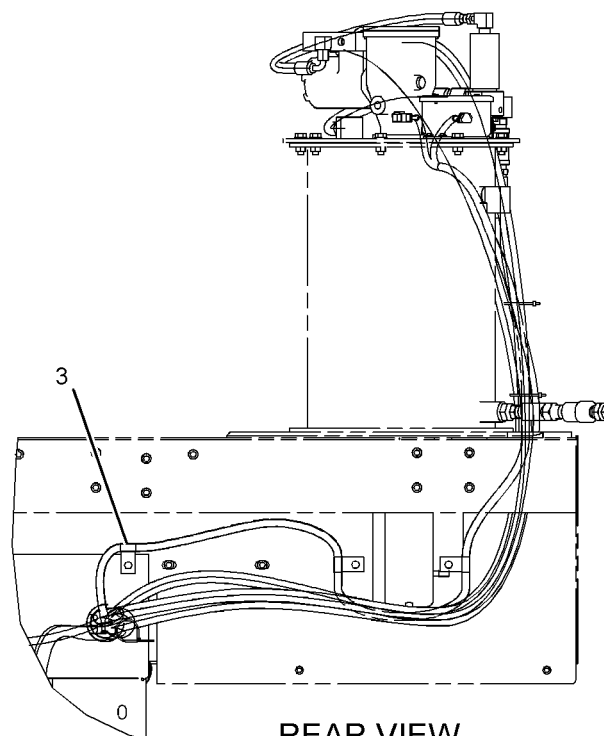
ELECTRICAL AND STARTING SYSTEM

262-0558 WIRING GP-AUTOLUBE CONTROL (contd.)

i02225679



TOP VIEW



REAR VIEW

GRAPHIC #1

<END>

g01124186

ELECTRICAL AND STARTING SYSTEM

288-1772 WIRING GP-AUTOLUBE CONTROL

S/N: BXY1900-UP

PART OF 293-7304, 293-7306, 293-7308, 349-4484, 349-4485, 349-4486

LUBRICATION AR-AUTOMATIC

AN ATTACHMENT

SMCS-1408, 7540

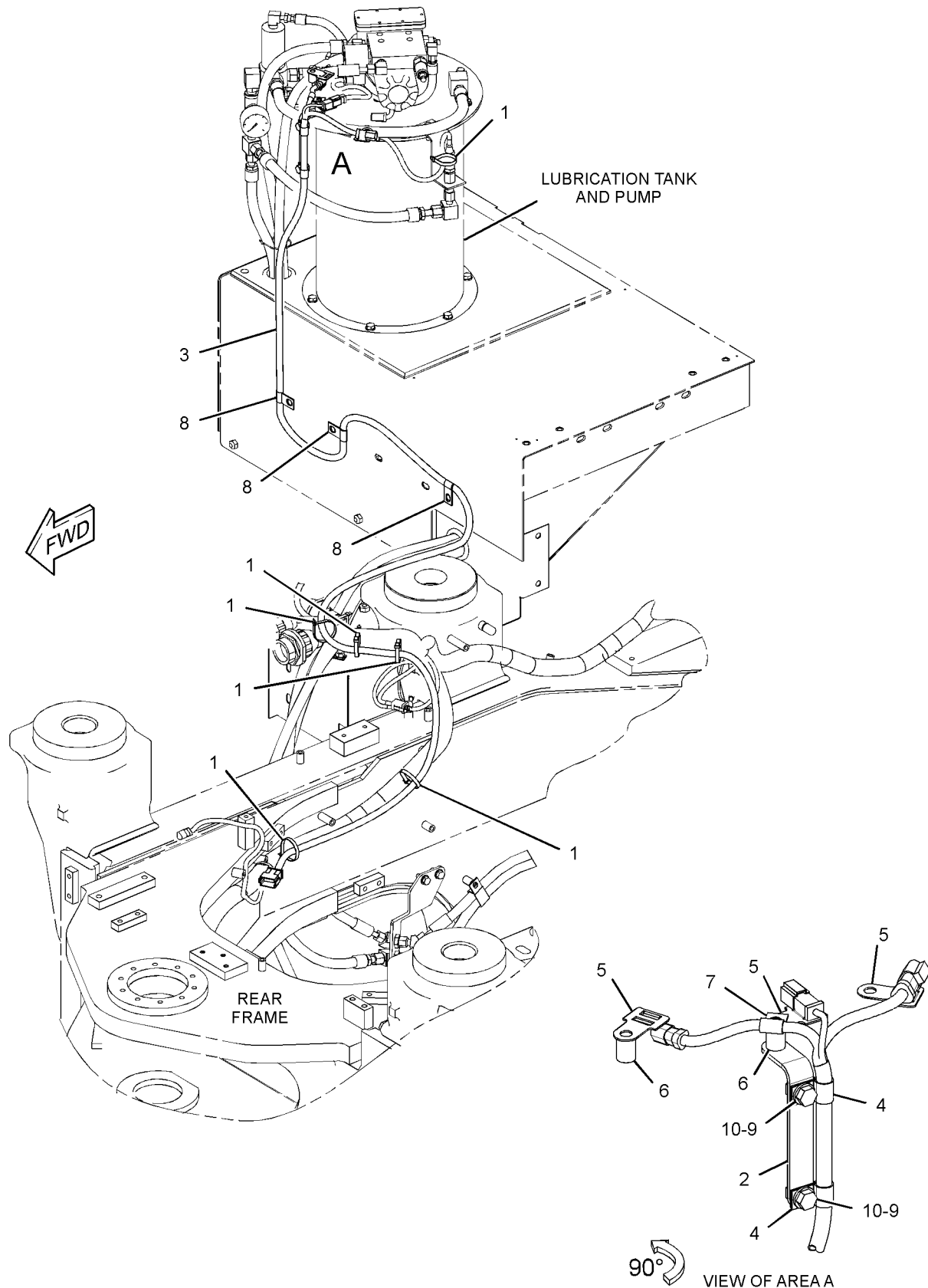
i02675856

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-6772	6	STRAP-CABLE						
	2	1	183-3681	1	BRACKET AS						
	3	1	288-1773	1	HARNESS AS-SOLENOID (AUTOMATIC LUBRICATION SYSTEM)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)						
					(EACH KIT-RECEPTACLE INCLUDES RECEPTACLE AS AND WEDGE)						
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
					(EACH KIT-CONNECTING INCLUDES PLUG AS AND WEDGE)						
	4	1	033-8248	2	CLIP						
	5	1	130-5300	3	CLIP						
	6	1	2M-6102	2	PIPE						
	7	1	5P-9085	1	CLIP						
	8	1	6V-2383	3	CLIP						
	9	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
M	10	1	8T-4137	2	BOLT (M10X1.5X20-MM)						
M-METRIC PART											

ELECTRICAL AND STARTING SYSTEM

288-1772 WIRING GP-AUTOLUBE CONTROL (contd.)

i02675856



GRAPHIC #1

<END>

g01348887

ELECTRICAL AND STARTING SYSTEM

257-5075 WIRING GP-BUMPER

S/N: BXY1-1899

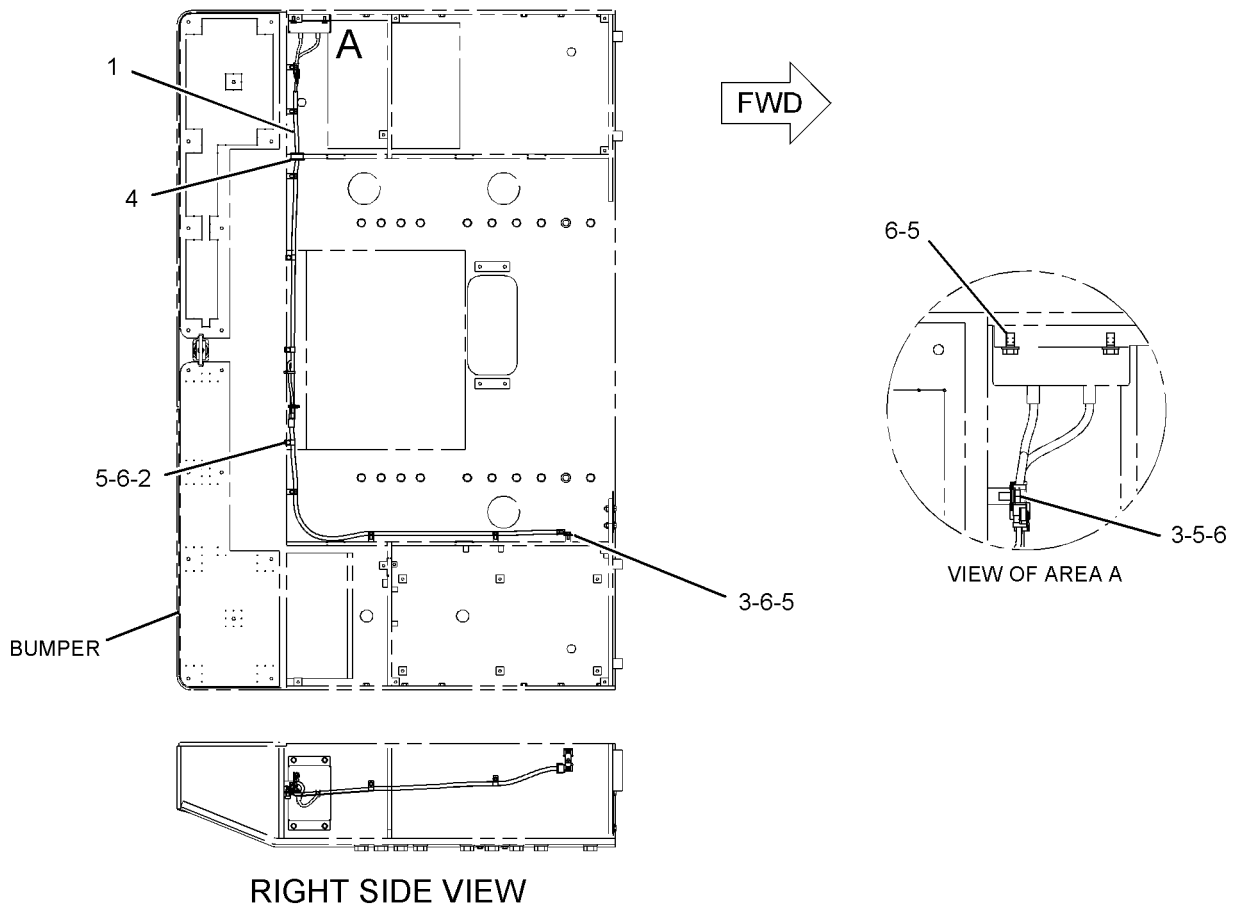
PART OF 225-5452 ELECTRICAL AR

SMCS-1408

i02213828

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	257-5076	1	HARNESS AS-BUMPER	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
		1	8T-8737	7	PLUG-SEAL	
		1	9X-6772	2	STRAP-CABLE	
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2271	1	KIT-CONNECTING PLUG (4-PIN) (EACH KIT INCLUDES PLUG AS AND WEDGE)	
	2	1	033-8248	8	CLIP	
	3	1	130-5300	4	CLIP	
	4	1	1R-6072	1	GROMMET	
	5	1	8T-4121	14	WASHER-HARD (11X21X2.5-MM THK)	
M	6	1	8T-4137	14	BOLT (M10X1.5X20-MM)	

M-METRIC PART



GRAPHIC #1

<END>

g01118684

ELECTRICAL AND STARTING SYSTEM

257-5075 WIRING GP-BUMPER

S/N: BXY1900-3999

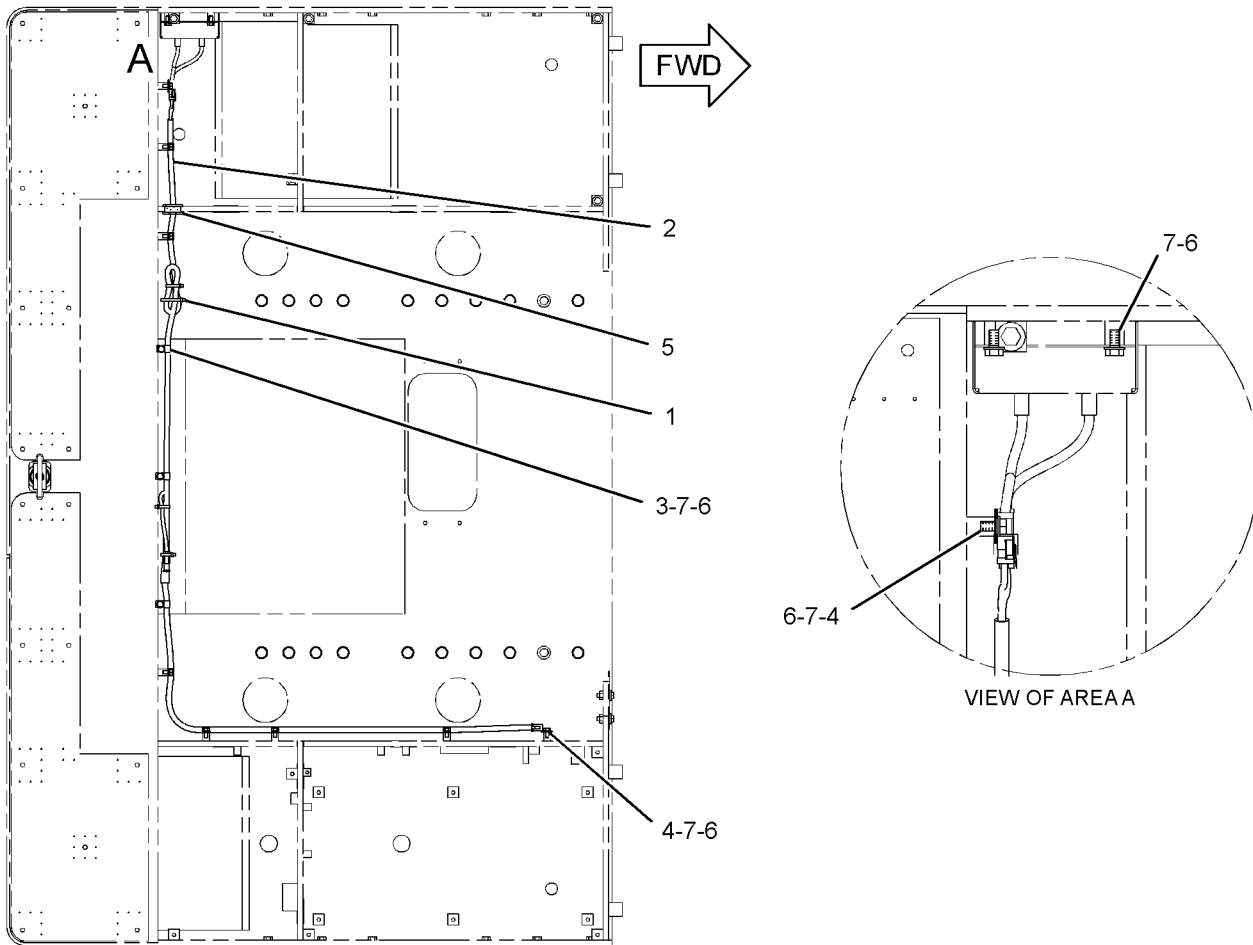
PART OF 284-2987 ELECTRICAL AR

SMCS-1408

i02674392

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
C	1	1	9X-6772	2	STRAP-CABLE	
C	2	1	288-2518	1	HARNESS AS-BUMPER	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
		1	9X-6772	2	STRAP-CABLE	
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2271	1	KIT-CONNECTING PLUG (4-PIN) (EACH KIT INCLUDES PLUG AS AND WEDGE)	
C	3	1	033-8248	9	CLIP	
C	4	1	130-5300	3	CLIP	
	5	1	1R-6072	1	GROMMET	
C	6	1	8T-4121	15	WASHER-HARD (11X21X2.5-MM THK)	
CM	7	1	8T-4137	15	BOLT (M10X1.5X20-MM)	

C-CHANGE FROM PREVIOUS TYPE
M-METRIC PART



BUMPER

TOP VIEW

GRAPHIC #1

<END>

g01349814

ELECTRICAL AND STARTING SYSTEM

310-5991 WIRING GP-BUMPER

S/N: BXY1900-UP

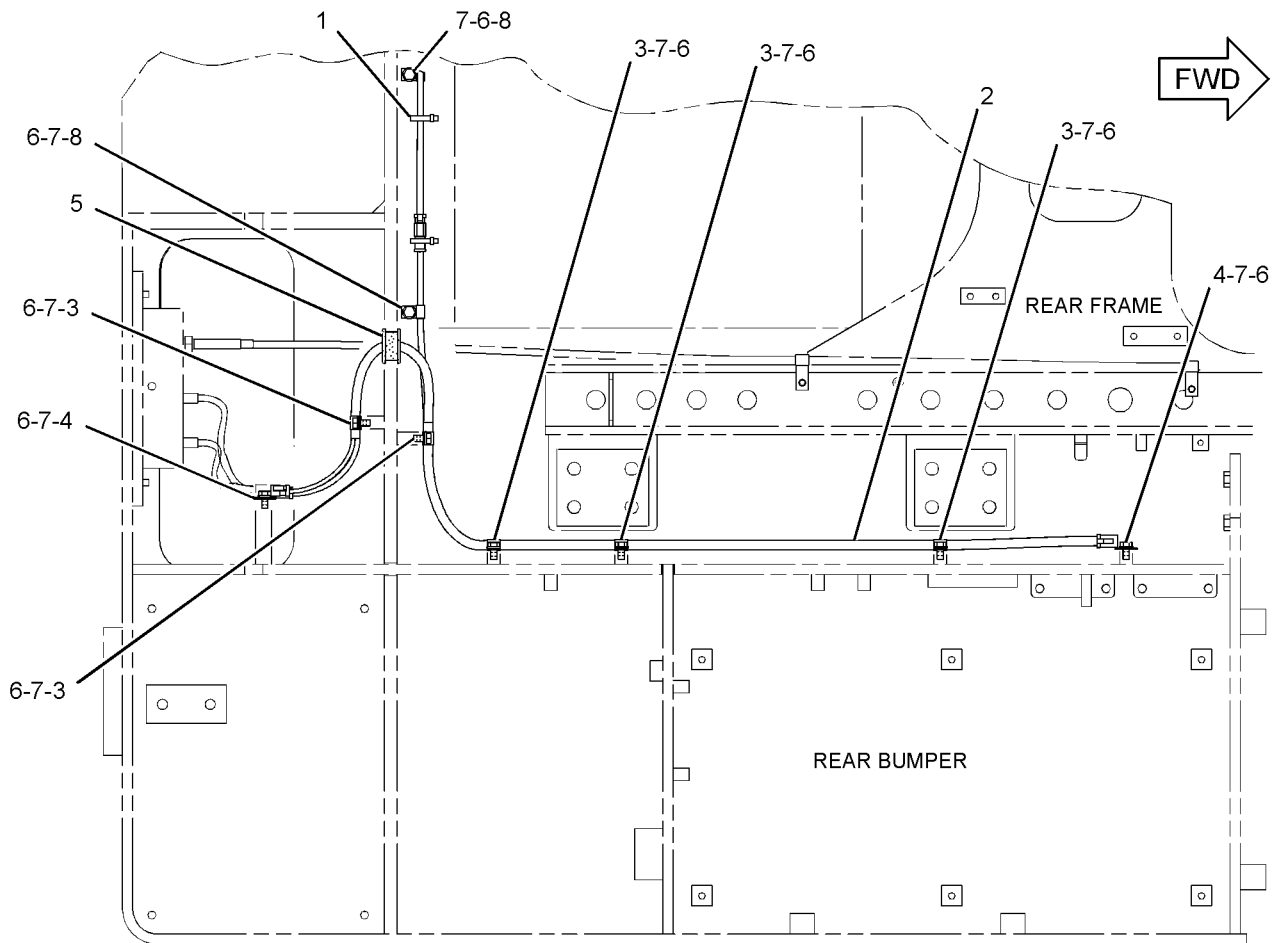
PART OF 2Q-8722, 2Q-8733, 2Q-8744, 2Q-8749, 2Q-8752, 2Q-8753 STEEL MILL AR
AN ATTACHMENT

SMCS-1408

i02903536

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	9X-6772	2	STRAP-CABLE	
	2	1	310-4307	1	HARNESS AS-BUMPER	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN) (KIT INCLUDES RECEPTACLE AS & WEDGE)	
		1	9X-6772	2	STRAP-CABLE	
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2271	1	KIT-CONNECTING PLUG (4-PIN)	
		1	155-2260	2	KIT-CONNECTING PLUG (3-PIN) (EACH KIT INCLUDES PLUG AS, WEDGE & RECEPTACLE)	
	3	1	033-8248	5	CLIP	
	4	1	130-5300	3	CLIP	
	5	1	2H-9523	1	GROMMET	
	6	1	8T-4121	9	WASHER-HARD (11X21X2.5-MM THK)	
M	7	1	8T-4137	9	BOLT (M10X1.5X20-MM)	
	8	1	5P-9085	2	CLIP	

M-METRIC PART



TOP VIEW

<END>

GRAPHIC #1

g01449820

ELECTRICAL AND STARTING SYSTEM

340-1119 WIRING GP-BUMPER

S/N: BXY4000-UP

PART OF 337-0870 ELECTRICAL AR

SMCS-1408

i03750982

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3E-8320	1	PLATE-INSTRUCTION (BATTERY)	
Y	2	1	7N-0719	1	SWITCH GP-DISCONNECT (BATTERY)	453
	3	1	8C-6358	1	BLOCK GP-JUNCTION (BATTERY)	
		1	1D-5117	3	NUT-JAM (1/2-13-THD)	
		1	8T-3519	3	BOLT-BRONZE (1/2-13X2-IN)	
	4	1	9X-6772	2	STRAP-CABLE	
	5	1	121-7848	2	PLATE	
	6	1	124-3019	1	BRACKET AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	7	1	139-2212	1	BRACKET	
	8	1	139-3884	1	PLATE AS	
	9	1	260-0256	1	RECEPTACLE AS	
E		1	159-8049		CABLE (00-GA, RED) (58-CM)	
E		1	159-8050		CABLE (00-GA, BLACK) (120-CM)	
		1	8N-0869	1	COVER-TERMINAL (RED)	
		1	1S-7251	2	TERMINAL-CABLE (00-GA, 1/2-IN SCREW)	
	10	1	261-3650	1	CABLE AS	
E		1	159-8054		CABLE-ELECTRICAL (00-GA, BLACK) (151-CM)	
		1	294-2319	1	COVER-TERMINAL (BLACK)	
		1	3L-7634	1	TERMINAL-RING (0000-GA, 1/2-IN SCREW)	
		1	031-9295	1	TERMINAL-RING (0000-GA, 3/8-IN SCREW)	
	11	1	340-1120	1	HARNESS AS-BUMPER	
		1	274-3774	2	CAP-CONNECTOR	
		1	274-3779	1	CAP-SEAL	
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	2	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2271	1	KIT-CONNECTING PLUG (4-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
		1	8T-8737	4	PLUG-SEAL	
E		1	114-8843		SLEEVE-PLASTIC (100-CM)	
		1	9X-3402	19	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		1	9X-6772	3	STRAP-CABLE	
E		1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (5-CM)	
		1	155-2258	1	WEDGE-PLUG LOCK (12-PIN)	
	12	1	033-8248	9	CLIP	
	13	1	130-5300	3	CLIP	
	14	1	1R-6072	1	GROMMET	
	15	1	1S-0994	5	CLIP	
	16	1	2V-1771	5	GROMMET	
	17	1	4S-1962	3	CLIP	
	18	1	5G-6505	3	WASHER (25X38X14-MM THK)	
	19	1	5P-8939	3	GROMMET	
	20	1	6V-8188	3	NUT (1/2-13-THD)	
	21	1	7F-0560	3	WASHER (0.516X0.938X0.101-IN THK)	
	22	1	7X-7729	2	WASHER (11X25X3-MM THK)	
	23	1	8T-4121	24	WASHER-HARD (11X21X2.5-MM THK)	
M	24	1	8T-4136	5	BOLT (M10X1.5X25-MM)	
M	25	1	8T-4137	20	BOLT (M10X1.5X20-MM)	
M	26	1	8T-4139	6	BOLT (M12X1.75X30-MM)	
M	27	1	8T-4186	1	BOLT (M10X1.5X40-MM)	
M	28	1	8T-4192	1	BOLT (M12X1.75X25-MM)	
	29	1	8T-4223	7	WASHER-HARD (13.5X25.5X3-MM THK)	
	30	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)	
M	31	1	8T-4908	4	BOLT (M8X1.25X25-MM)	

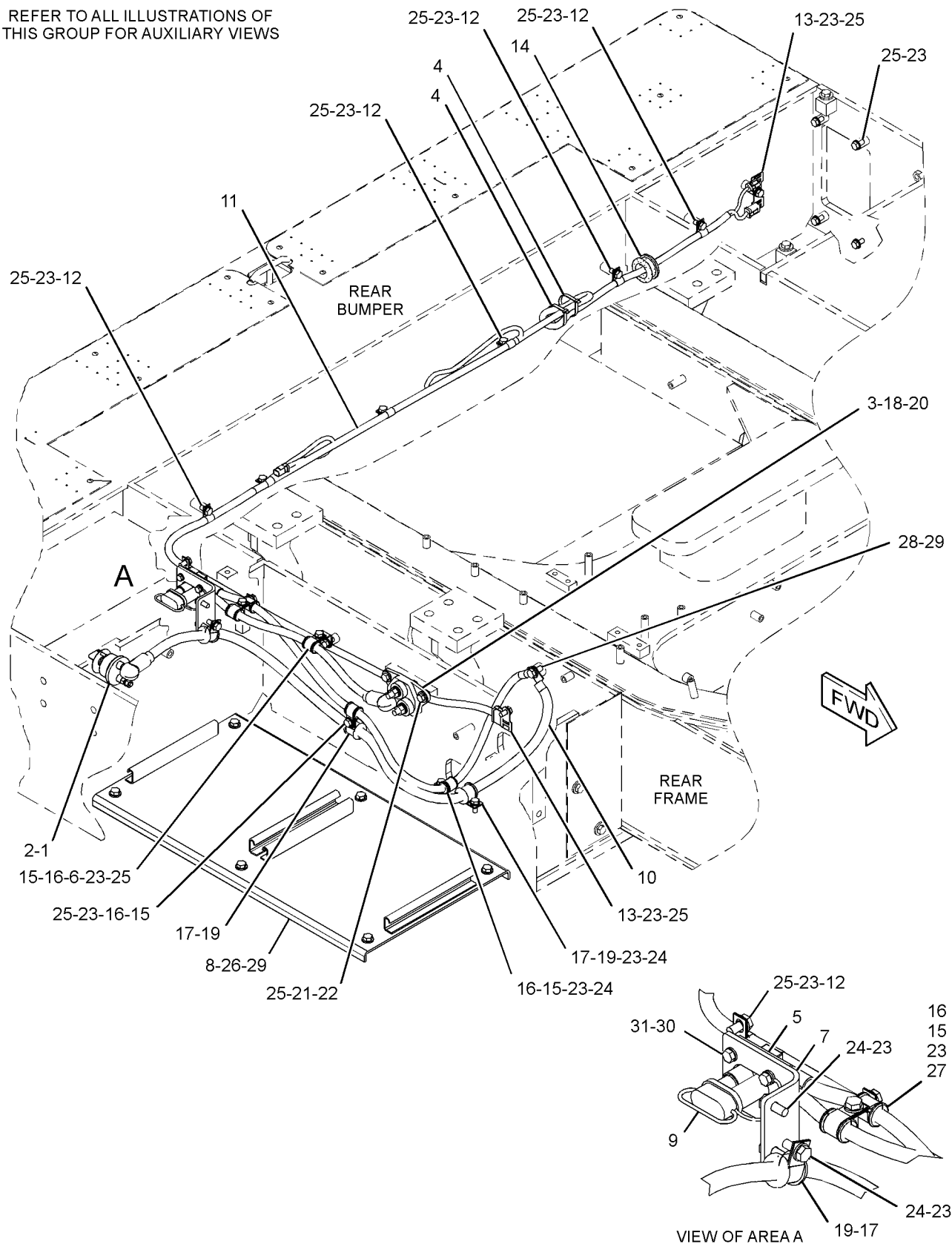
ELECTRICAL AND STARTING SYSTEM

340-1119 WIRING GP-BUMPER (contd.)

i03750982

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

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



GRAPHIC #1

<END>

g02040355

ELECTRICAL AND STARTING SYSTEM

261-0400 WIRING GP-CAB

S/N: BXY1-771

PART OF 227-3190 CAB AR

SMCS-1408, 7301

i02456920

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1, 2	2H-3920	2	LOCKWASHER	
	2	2, 3	3E-0109	10	PLUG (ROCKER SWITCH)	
Y	3	3	3E-6328	1	ALARM GP (24-VOLT) (ACTION)	275
Y	4	1, 2	3E-6389	2	LAMP GP-DOME (24-VOLT)	326
	5	2	4V-4164	14	BUSHING-TERMINAL	
	6	3	5P-7958	1	SLEEVE-CABLE SPLICE	
	7	1, 2	6V-8369	2	NUT (7/16-28-THD)	
	8	1, 2, 3	7K-1181	46	STRAP-CABLE	
	9	3	8C-6354	1	CAP-RECEPTACLE	
	10	1	8X-5803	1	STRAP AS-GROUND	
	11	2	9F-8125	14	LOCKWASHER	
	12	2	098-8968	14	WASHER (5X16X1.2-MM THK)	
Y	13	3	103-5526	1	CONTROL GP-MONITOR (BACKLIGHT DIMMER)	1721
	14	2	108-3320	1	SWITCH AS-ROTARY (24-VOLT, 5-POSITION) (RUNNING LIGHTS)	
		2	9W-0852	8	PIN-CONNECTOR (14-GA)	
		2	102-8806	1	KIT-RECEPTACLE (8-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
	15	2, 3	110-2079	6	LAMP (24-VOLT)	
	16	1, 2	110-6109	6	KNOB-CONTROL (CONTROL PANEL SWITCHES)	
	17	2	110-7886	1	SWITCH AS-WIPER (24-VOLT) (FRONT INTERMITTENT)	
		2	2H-3920	1	LOCKWASHER	
		2	6V-8369	1	NUT (7/16-28-THD)	
		2	8T-8737	1	PLUG-SEAL	
		2	9W-0852	4	PIN-CONNECTOR (14-GA)	
		2	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)	
		2	102-8806	1	KIT-RECEPTACLE (8-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
	18	3	110-7887	1	SWITCH AS-START (KEY)	
		3	7T-6799	1	NUT-MOUNTING (1-32-THD)	
		3	186-3735	4	PIN-CONNECTOR (16-GA TO 18-GA)	
		3	102-8804	1	KIT-RECEPTACLE (4-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
	19	2	112-5421	1	STRIP	
	20	1	112-5927	1	MODULE GP-LIGHT (PANEL ACTION LAMPS)	
M		1	7X-3319	2	SCREW-HEX SOCKET (M4X0.7X6-MM)	
		1	110-4218	1	MODULE AS-LIGHT	
		1	112-5928	1	PLATE	
	21	2	112-6174	1	SWITCH AS-ROTARY (WIPER, WASHER) (REAR WIPER)	
		2	2H-3920	1	LOCKWASHER	
		2	6V-8369	1	NUT (7/16-28-THD)	
		2	186-3735	1	PIN-CONNECTOR (16-GA TO 18-GA)	
		2	8T-8737	2	PLUG-SEAL	
		2	102-8806	1	KIT-RECEPTACLE (8-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
	22	3	113-0002	2	STRIP AS (EACH INCLUDES)	
M		3	6V-9632	2	NUT-WELD (M6X1-THD)	
	23	3	117-2311	1	SOCKET-AUXILIARY POWER (12-VOLT)	
	24	3	118-7362	1	GROMMET-SPLIT	
	25	3	122-4429	1	PLATE	
	26	3	122-9854	1	GASKET	
	27	3	123-4627	1	GASKET	
	28	1	123-6383	1	SWITCH AS-ROTARY (24-VOLT, 4-POSITION) (REDUCED RIMPULL SELECT)	

ELECTRICAL AND STARTING SYSTEM

261-0400 WIRING GP-CAB (contd.)

i02456920

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	28A	2	123-6383	1	SWITCH AS-ROTARY (24-VOLT, 4-POSITION) (AUTOSHIFT CONTROL)	
					(EACH SWITCH AS INCLUDES)	
		2	8T-8737	1	PLUG-SEAL	
		2	9W-0852	5	PIN-CONNECTOR (14-GA)	
		2	102-8805	1	KIT-RECEPTACLE (6-PIN)	
					(INCLUDES RECEPTACLE AS AND WEDGE)	
	29	2	127-4540	1	POTENTIOMETER AS (TEMPERATURE SELECT)	
		2	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)	
		2	236-8722	1	WASHER (10.5X22.2X1.6-MM THK)	
Y	30	3	154-7443	1	CONTROL GP-UNPRGMED MONITOR (CATERPILLAR MONITORING SYSTEM)	1731
	31	1	163-1876	1	LAMP-LED (24-VOLT, RED)	
	32	1	163-1878	4	LAMP-LED (24-VOLT, YELLOW)	
Y	33	3	166-6928	1	MODULE GP-QUAD GAUGE	1801
	34	3	169-1529	2	PLATE	
	35	3	178-8583	1	MODULE GP-SPEEDOMETER & TACH	
		3	102-8805	1	KIT-RECEPTACLE (6-PIN)	
					(INCLUDES RECEPTACLE AS AND WEDGE)	
	36	3	179-9392	1	LANYARD	
	37	1	198-6570	1	LIGHTER GP (12-VOLT)	
	38	3	209-0381	1	CONVERTER-POWER (24-VOLT TO 12-VOLT)	
	39	2	219-9521	1	SWITCH AS-ROCKER (A/C, HEATER)	
	40	2	219-9523	1	SWITCH AS-ROCKER (FAN BLOWER SPEED)	
	41	3	228-9514	1	PANEL AS	
M		3	6V-9632	4	NUT-WELD (M6X1-THD)	
M		3	8T-8874	3	NUT-WELD (M5X0.8-THD)	
	42	3	232-3243	1	SWITCH AS-ROCKER (LOOSE MATERIAL SELECT)	
	43	1	261-0410	1	HARNESS AS-CAB (MAIN)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)	
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)	
		1	102-8806	1	KIT-RECEPTACLE (8-PIN)	
		1	177-9645	1	KIT-RECEPTACLE (2-PIN)	
		1	197-7565	1	KIT-RECEPTACLE (4-PIN)	
					(EACH KIT INCLUDES RECEPTACLE AS AND WEDGE)	
		1	3E-7996	12	PLUG-CONNECTOR (6-PIN)	
		1	3T-0203	1	PLUG AS-CONNECTOR (20-PIN)	
		1	3T-3412	1	PLUG AS-CONNECTOR (37-PIN)	
		1	8N-1514	2	PLUG AS-CONNECTOR (37-PIN)	
		1	8N-1520	1	PLUG AS-CONNECTOR (12-PIN)	
		1	9X-0141	1	PLUG AS-CONNECTOR (40-PIN)	
		1	9X-7146	1	PLUG AS-CONNECTOR (24-PIN)	
		1	7G-7917	22	PLUG-SEAL	
		1	7G-7920	1	PLUG-SEAL	
		1	8T-8737	52	PLUG-SEAL	
		1	7K-1181	2	STRAP-CABLE	
		1	9X-6772	5	STRAP-CABLE	
		1	8N-1521	4	BELL AS-END	
		1	8N-1535	1	BELL AS-END	
		1	9W-1951	1	RECEPTACLE-CONNECTOR (9-PIN)	
		1	113-0580	1	RECEPTACLE AS-CONNECTOR (40-PIN)	
		1	155-2255	4	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2265	4	KIT-CONNECTING PLUG (8-PIN)	
		1	155-2260	5	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	2	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2271	2	KIT-CONNECTING PLUG (4-PIN)	
		1	155-2274	5	KIT-CONNECTING PLUG (6-PIN)	
		1	177-9648	1	KIT-CONNECTING PLUG (2-PIN)	
					(EACH KIT INCLUDES PLUG AS AND WEDGE)	

ELECTRICAL AND STARTING SYSTEM

261-0400 WIRING GP-CAB (contd.)

i02456920

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	44	3	261-0411	1	HARNESS AS-PANEL (FRONT)	
		3	102-8803	1	KIT-RECEPTACLE (3-PIN)	
		3	102-8804	1	KIT-RECEPTACLE (4-PIN)	
		3	102-8806	1	KIT-RECEPTACLE (8-PIN)	
		3	102-8801	1	KIT-RECEPTACLE (12-PIN)	
					(EACH KIT INCLUDES RECEPTACLE AS AND WEDGE)	
		3	3S-2093	20	STRAP-CABLE	
		3	8T-8737	42	PLUG-SEAL	
		3	8T-9834	1	PLUG AS-CONNECTOR (40-PIN)	
		3	3E-7996	3	PLUG-CONNECTOR (6-PIN)	
		3	9X-1343	1	RECEPTACLE AS-CONNECTOR (40-PIN)	
		3	9X-7145	1	RECEPTACLE AS-CONNECTOR (24-PIN)	
		3	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
		3	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		3	155-2271	2	KIT-CONNECTING PLUG (4-PIN)	
		3	155-2274	3	KIT-CONNECTING PLUG (6-PIN)	
					(EACH KIT INCLUDES PLUG AS AND WEDGE)	
	45	1	261-0412	1	HARNESS AS-OPERATOR CONTROLS (ELECTROHYDRAULIC)	
		1	102-8803	3	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS AND WEDGE)	
		1	110-6845	1	PLUG AS-CONNECTOR (40-PIN)	
		1	3E-7996	4	PLUG-CONNECTOR (6-PIN)	
		1	8T-8737	22	PLUG-SEAL	
		1	155-2260	5	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	4	KIT-CONNECTING PLUG (2-PIN)	
					(EACH KIT INCLUDES PLUG AS AND WEDGE)	
	46	1	261-0413	1	HARNESS AS-LIGHTING (CAB FLOODLIGHTS)	
		1	102-8802	7	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS AND WEDGE)	
		1	7K-1181	1	STRAP-CABLE	
		1	8T-8737	14	PLUG-SEAL	
		1	155-2270	11	KIT-CONNECTING PLUG (2-PIN)	
					(INCLUDES PLUG AS AND WEDGE)	
	47	3	096-5962	4	WASHER-HARD (3.4X7X0.8-MM THK)	
	48	2	104-2091	2	SCREW-FLAT HEAD (6-20X0.5-IN)	
	49	3	132-5789	2	CLIP	
	50	1	219-9533	1	SWITCH AS-ROCKER (HYDRAULIC LOCKOUT)	
	51	2	220-8358	1	SWITCH AS-ROCKER (MODE SELECT)	
	52	2	223-8971	1	SWITCH AS-ROCKER (STAIRWAY ACCESS LIGHT)	
	53	3	223-8972	1	SWITCH AS-ROCKER (KICKOUT SET)	
	54	1	223-8976	1	SWITCH AS-ROCKER (REDUCED, MAX RIMPULL ENABLE)	
	55	2	223-8982	1	SWITCH AS-ROCKER (THROTTLE LOCK ENABLE)	
	56	2	4B-2049	14	NUT (10-32-THD)	
	57	3	4P-7581	4	CLIP	
	58	1	4P-8134	1	CLIP	
M	59	3	5C-2890	1	NUT (M6X1-THD)	
M	60	3	5C-7261	4	NUT (M8X1.25-THD)	
M	61	3	5C-8312	4	NUT (M4X0.7-THD)	
	62	3	5P-4116	3	WASHER-HARD (8.8X20.5X2-MM THK)	
	63	3	5S-4245	4	SCREW-MACHINE (4-40X0.5-IN)	
	64	3	6B-4540	4	NUT (4-40-THD)	
	65	2	6D-6146	7	SCREW-MACHINE (10-32X1.25-IN)	
	66	3	6V-2687	12	SCREW-PAN HEAD (10-24X1-IN)	
	67	1	6V-3341	1	GROMMET	
	68	2	7C-4354	1	CLIP	
	69	2	7E-5639	1	SPACER (13.88X21.34X25-MM THK)	
M	70	3	8T-0337	4	SCREW-MACHINE (M4X0.7X12-MM)	
	71	1, 2	8T-4121	5	WASHER-HARD (11X21X2.5-MM THK)	

ELECTRICAL AND STARTING SYSTEM

261-0400 WIRING GP-CAB (contd.)

i02456920

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	72	1	8T-4133	2	NUT (M10X1.5-THD)						
M	73	1	8T-4137	2	BOLT (M10X1.5X20-MM)						
M	74	3	8T-4138	12	BOLT (M6X1X20-MM)						
M	75	2	8T-4186	1	BOLT (M10X1.5X40-MM)						
	76	3	8T-4205	11	WASHER-HARD (7.2X14.5X2-MM THK)						
	77	1, 3	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)						
	78	3	8T-4224	1	WASHER-HARD (8.8X16X2-MM THK)						
M	79	1, 3	8T-4244	4	NUT (M12X1.75-THD)						
	80	1, 2	9G-2673	2	GROMMET						
	81	2	9M-5870	7	GROMMET						
M	82	1, 2, 3	9X-1046	20	SCREW (M4X0.7X18-MM)						
M	83	3	9X-2480	2	BOLT (M6X1X45-MM)						
	84	3	9X-6165	2	WASHER (6.5X22X2.5-MM THK)						

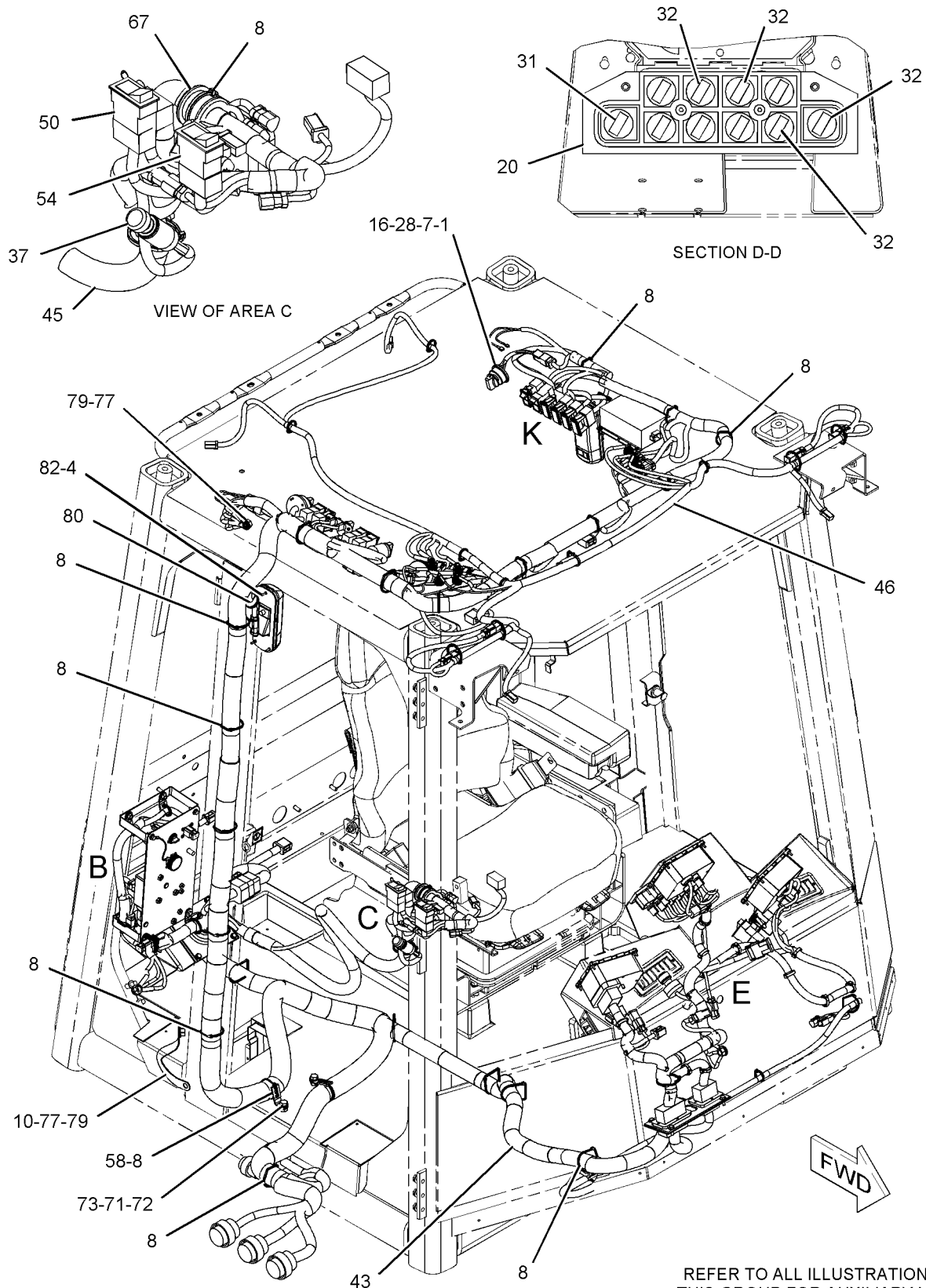
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

261-0400 WIRING GP-CAB (contd.)

i02456920



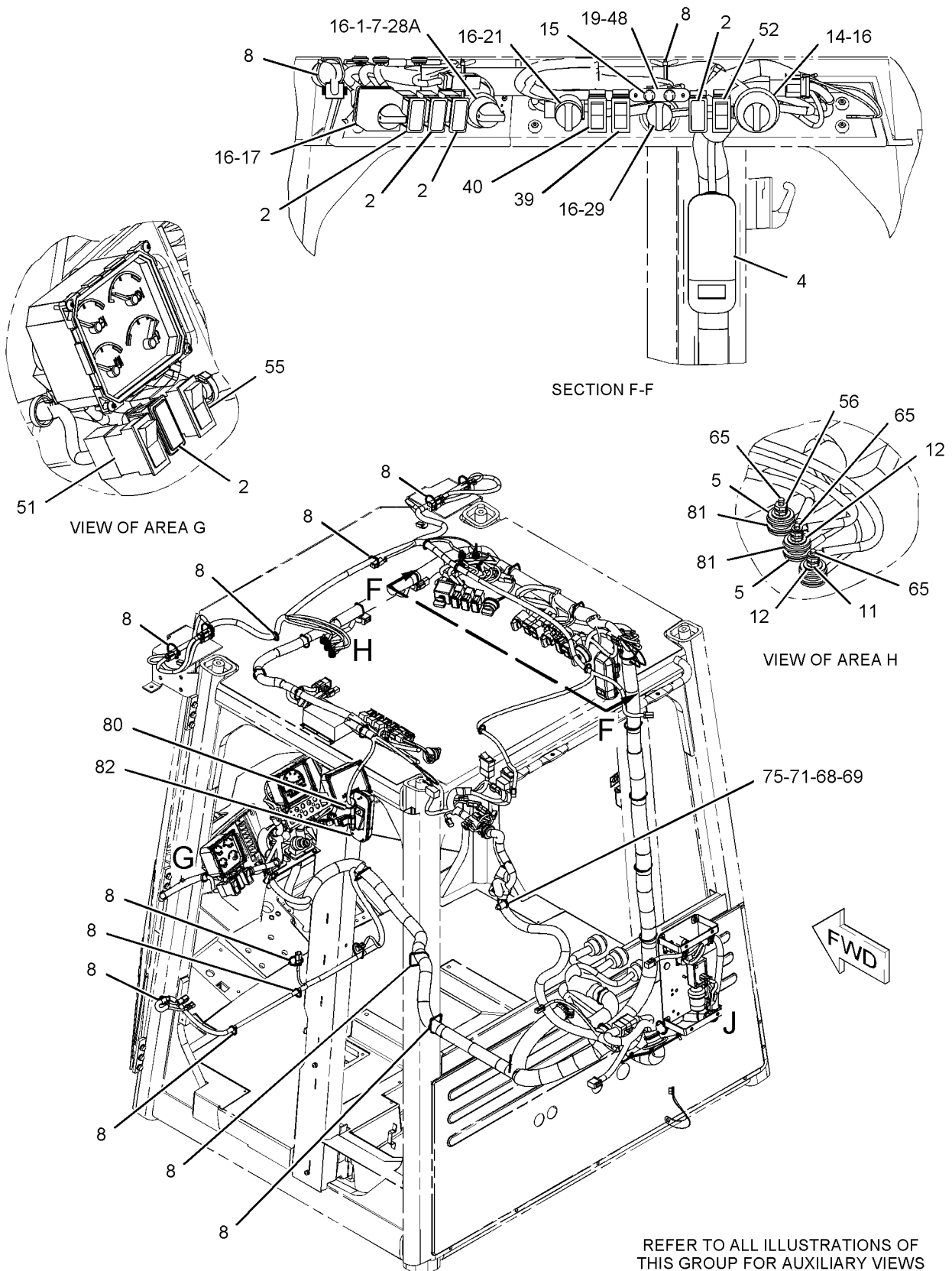
GRAPHIC #1

g01130197

ELECTRICAL AND STARTING SYSTEM

261-0400 WIRING GP-CAB (contd.)

i02456920



GRAPHIC #2

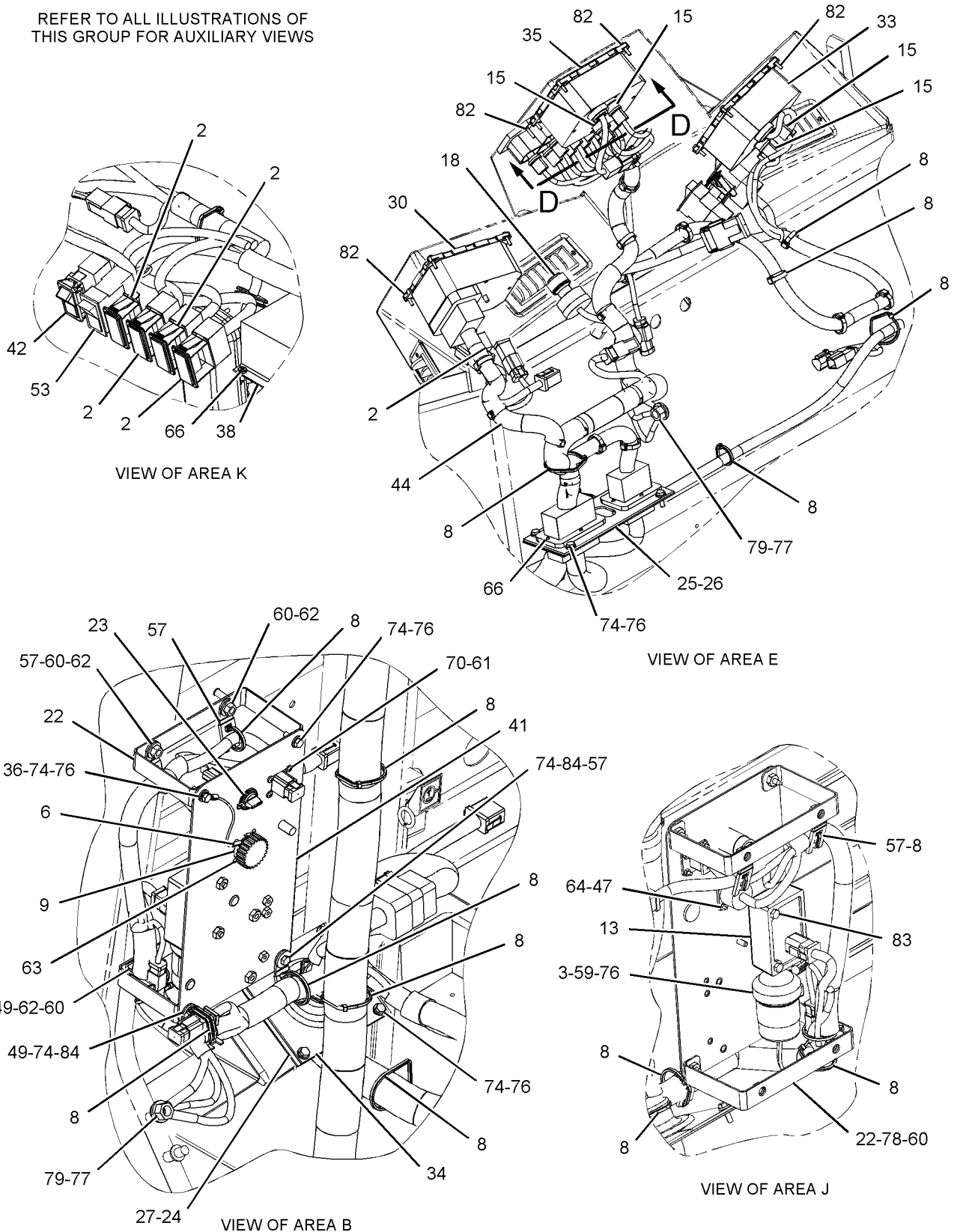
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ELECTRICAL AND STARTING SYSTEM

261-0400 WIRING GP-CAB (contd.)

i02456920

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



GRAPHIC #3

<END>

g01130199

ELECTRICAL AND STARTING SYSTEM

261-0400 WIRING GP-CAB

S/N: BXY772-1068

PART OF 227-3190 CAB AR

SMCS-1408, 7301

i02503762

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1, 2	2H-3920	2	LOCKWASHER	
	2	2, 3	3E-0109	10	PLUG (ROCKER SWITCH)	
Y	3	3	3E-6328	1	ALARM GP (24-VOLT) (ACTION)	275
Y	4	1, 2	3E-6389	2	LAMP GP-DOME (24-VOLT)	326
	5	2	4V-4164	14	BUSHING-TERMINAL	
	6	3	5P-7958	1	SLEEVE-CABLE SPLICE	
	7	1, 2	6V-8369	2	NUT (7/16-28-THD)	
C	8	1, 2, 3	7K-1181	52	STRAP-CABLE	
	9	3	8C-6354	1	CAP-RECEPTACLE	
	10	1	8X-5803	1	STRAP AS-GROUND	
	11	2	9F-8125	14	LOCKWASHER	
	12	2	098-8968	14	WASHER (5X16X1.2-MM THK)	
Y	13	3	103-5526	1	CONTROL GP-MONITOR (BACKLIGHT DIMMER)	1721
	14	2	108-3320	1	SWITCH AS-ROTARY (24-VOLT, 5-POSITION) (RUNNING LIGHTS)	
		2	9W-0852	8	PIN-CONNECTOR (14-GA)	
		2	102-8806	1	KIT-RECEPTACLE (8-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
	15	2, 3	110-2079	6	LAMP (24-VOLT)	
	16	1, 2	110-6109	6	KNOB-CONTROL (CONTROL PANEL SWITCHES)	
	17	2	110-7886	1	SWITCH AS-WIPER (24-VOLT) (FRONT INTERMITTENT)	
	17A	2	110-7886	1	SWITCH AS-WIPER (24-VOLT) (REAR INTERMITTENT) (EACH SWITCH AS INCLUDES)	
		2	2H-3920	1	LOCKWASHER	
		2	3E-3389	1	WEDGE-RECEPTACLE LOCK (8-PIN)	
		2	6V-8369	1	NUT (7/16-28-THD)	
		2	8T-8737	1	PLUG-SEAL	
		2	9W-0852	4	PIN-CONNECTOR (14-GA)	
		2	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)	
		2	102-8806	1	KIT-RECEPTACLE (8-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
	18	3	110-7887	1	SWITCH AS-START (KEY)	
		3	7T-6799	1	NUT-MOUNTING (1-32-THD)	
		3	186-3735	4	PIN-CONNECTOR (16-GA TO 18-GA)	
		3	102-8804	1	KIT-RECEPTACLE (4-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
	19	2	112-5421	1	STRIP	
	20	1	112-5927	1	MODULE GP-LIGHT (PANEL ACTION LAMPS)	
M		1	7X-3319	2	SCREW-HEX SOCKET (M4X0.7X6-MM)	
		1	110-4218	1	MODULE AS-LIGHT	
		1	112-5928	1	PLATE	
	21	3	113-0002	2	STRIP AS (EACH INCLUDES)	
M		3	6V-9632	2	NUT-WELD (M6X1-THD)	
	22	3	117-2311	1	SOCKET-AUXILIARY POWER (12-VOLT)	
	23	3	118-7362	1	GROMMET-SPLIT	
	24	3	122-4429	1	PLATE	
	25	3	122-9854	1	GASKET	
	26	3	123-4627	1	GASKET	
	27	1	123-6383	1	SWITCH AS-ROTARY (24-VOLT, 4-POSITION) (REDUCED RIMPULL SELECT)	
	27A	2	123-6383	1	SWITCH AS-ROTARY (24-VOLT, 4-POSITION) (AUTOSHIFT CONTROL) (EACH SWITCH AS INCLUDES)	
		2	8T-8737	1	PLUG-SEAL	
		2	9W-0852	5	PIN-CONNECTOR (14-GA)	

ELECTRICAL AND STARTING SYSTEM

261-0400 WIRING GP-CAB (contd.)

i02503762

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
	28	2	127-4540	1	POTENTIOMETER AS (TEMPERATURE SELECT)						
		2	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)						
		2	236-8722	1	WASHER (10.5X22.2X1.6-MM THK)						
Y	29	3	154-7443	1	CONTROL GP-UNPRGMED MONITOR (CATERPILLAR MONITORING SYSTEM)						1731
	30	1	163-1876	1	LAMP-LED (24-VOLT, RED)						
	31	1	163-1878	4	LAMP-LED (24-VOLT, YELLOW)						
Y	32	3	166-6928	1	MODULE GP-QUAD GAUGE						1801
	33	3	169-1529	2	PLATE						
	34	3	178-8583	1	MODULE GP-SPEEDOMETER & TACH						
		3	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
	35	3	179-9392	1	LANYARD						
	36	1	198-6570	1	LIGHTER GP (12-VOLT)						
		1	198-6571	1	ELEMENT AS (CIGARETTE LIGHTER)						
	37	3	209-0381	1	CONVERTER-POWER (24-VOLT TO 12-VOLT)						
	38	2	219-9521	1	SWITCH AS-ROCKER (A/C, HEATER)						
	39	2	219-9523	1	SWITCH AS-ROCKER (FAN BLOWER SPEED)						
	40	3	228-9514	1	PANEL AS						
M		3	6V-9632	4	NUT-WELD (M6X1-THD)						
M		3	8T-8874	3	NUT-WELD (M5X0.8-THD)						
	41	3	232-3243	1	SWITCH AS-ROCKER (LOOSE MATERIAL SELECT)						
	42	1	261-0410	1	HARNESS AS-CAB (MAIN)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)						
		1	102-8806	1	KIT-RECEPTACLE (8-PIN)						
		1	177-9645	1	KIT-RECEPTACLE (2-PIN)						
		1	197-7565	1	KIT-RECEPTACLE (4-PIN)						
					(EACH KIT INCLUDES RECEPTACLE AS AND WEDGE)						
		1	3E-7996	12	PLUG-CONNECTOR (6-PIN)						
		1	3T-0203	1	PLUG AS-CONNECTOR (20-PIN)						
		1	3T-3412	1	PLUG AS-CONNECTOR (37-PIN)						
		1	8N-1514	2	PLUG AS-CONNECTOR (37-PIN)						
		1	8N-1520	1	PLUG AS-CONNECTOR (12-PIN)						
		1	9X-0141	1	PLUG AS-CONNECTOR (40-PIN)						
		1	9X-7146	1	PLUG AS-CONNECTOR (24-PIN)						
		1	7K-1181	2	STRAP-CABLE						
		1	9X-6772	5	STRAP-CABLE						
		1	8N-1521	4	BELL AS-END						
		1	8N-1535	1	BELL AS-END						
		1	9W-1951	1	RECEPTACLE-CONNECTOR (9-PIN)						
		1	113-0580	1	RECEPTACLE AS-CONNECTOR (40-PIN)						
		1	155-2255	4	KIT-CONNECTING PLUG (12-PIN)						
		1	155-2265	4	KIT-CONNECTING PLUG (8-PIN)						
		1	155-2260	5	KIT-CONNECTING PLUG (3-PIN)						
		1	155-2270	2	KIT-CONNECTING PLUG (2-PIN)						
		1	155-2271	2	KIT-CONNECTING PLUG (4-PIN)						
		1	155-2274	5	KIT-CONNECTING PLUG (6-PIN)						
		1	177-9648	1	KIT-CONNECTING PLUG (2-PIN)						
					(EACH KIT INCLUDES PLUG AS AND WEDGE)						
	43	3	261-0411	1	HARNESS AS-PANEL (FRONT)						
		3	102-8803	1	KIT-RECEPTACLE (3-PIN)						
		3	102-8804	1	KIT-RECEPTACLE (4-PIN)						
		3	102-8806	1	KIT-RECEPTACLE (8-PIN)						
		3	102-8801	1	KIT-RECEPTACLE (12-PIN)						
					(EACH KIT INCLUDES RECEPTACLE AS AND WEDGE)						
		3	3S-2093	20	STRAP-CABLE						

ELECTRICAL AND STARTING SYSTEM

261-0400 WIRING GP-CAB (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)	
		3	8T-9834	1	PLUG AS-CONNECTOR (40-PIN)						
		3	3E-7996	3	PLUG-CONNECTOR (6-PIN)						
		3	9X-1343	1	RECEPTACLE AS-CONNECTOR (40-PIN)						
		3	9X-7145	1	RECEPTACLE AS-CONNECTOR (24-PIN)						
		3	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
		3	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
		3	155-2271	2	KIT-CONNECTING PLUG (4-PIN)						
		3	155-2274	3	KIT-CONNECTING PLUG (6-PIN)						
					(EACH KIT INCLUDES PLUG AS AND WEDGE)						
	44	1	261-0412	1	HARNESS AS-OPERATOR CONTROLS (ELECTROHYDRAULIC)						
		1	102-8803	3	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		1	110-6845	1	PLUG AS-CONNECTOR (40-PIN)						
		1	155-2260	5	KIT-CONNECTING PLUG (3-PIN)						
		1	155-2270	4	KIT-CONNECTING PLUG (2-PIN)						
					(EACH KIT INCLUDES PLUG AS AND WEDGE)						
	45	1	261-0413	1	HARNESS AS-LIGHTING (CAB FLOODLIGHTS)						
		1	102-8802	7	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		1	7K-1181	1	STRAP-CABLE						
		1	155-2270	11	KIT-CONNECTING PLUG (2-PIN)						
					(INCLUDES PLUG AS AND WEDGE)						
C	46	1	273-0155	1	HARNESS AS-CONTROL (PRODUCT LINK)						
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
					(INCLUDES PLUG AS AND WEDGE)						
	47	3	096-5962	4	WASHER-HARD (3.4X7X0.8-MM THK)						
	48	2	104-2091	2	SCREW-FLAT HEAD (6-20X0.5-IN)						
	49	3	132-5789	2	CLIP						
	50	1	219-9533	1	SWITCH AS-ROCKER (HYDRAULIC LOCKOUT)						
	51	2	220-8358	1	SWITCH AS-ROCKER (MODE SELECT)						
	52	2	223-8971	1	SWITCH AS-ROCKER (STAIRWAY ACCESS LIGHT)						
	53	3	223-8972	1	SWITCH AS-ROCKER (KICKOUT SET)						
	54	1	223-8976	1	SWITCH AS-ROCKER (REDUCED, MAX RIMPULL ENABLE)						
	55	2	223-8982	1	SWITCH AS-ROCKER (THROTTLE LOCK ENABLE)						
	56	2	4B-2049	14	NUT (10-32-THD)						
	57	3	4P-7581	4	CLIP						
	58	1	4P-8134	1	CLIP						
M	59	3	5C-2890	1	NUT (M6X1-THD)						
M	60	3	5C-7261	4	NUT (M8X1.25-THD)						
M	61	3	5C-8312	4	NUT (M4X0.7-THD)						
	62	3	5P-4116	3	WASHER-HARD (8.8X20.5X2-MM THK)						
	63	3	5S-4245	4	SCREW-MACHINE (4-40X0.5-IN)						
	64	3	6B-4540	4	NUT (4-40-THD)						
	65	2	6D-6146	7	SCREW-MACHINE (10-32X1.25-IN)						
	66	3	6V-2687	12	SCREW-PAN HEAD (10-24X1-IN)						
	67	1, 2	6V-3341	1	GROMMET						
	68	2	7C-4354	1	CLIP						
	69	2	7E-5639	1	SPACER (13.88X21.34X25-MM THK)						
M	70	3	8T-0337	4	SCREW-MACHINE (M4X0.7X12-MM)						
	71	1, 2	8T-4121	5	WASHER-HARD (11X21X2.5-MM THK)						
M	72	1	8T-4133	2	NUT (M10X1.5-THD)						
M	73	1	8T-4137	2	BOLT (M10X1.5X20-MM)						
M	74	3	8T-4138	12	BOLT (M6X1X20-MM)						
M	75	2	8T-4186	1	BOLT (M10X1.5X40-MM)						
	76	3	8T-4205	11	WASHER-HARD (7.2X14.5X2-MM THK)						
	77	1, 3	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)						

ELECTRICAL AND STARTING SYSTEM

261-0400 WIRING GP-CAB (contd.)

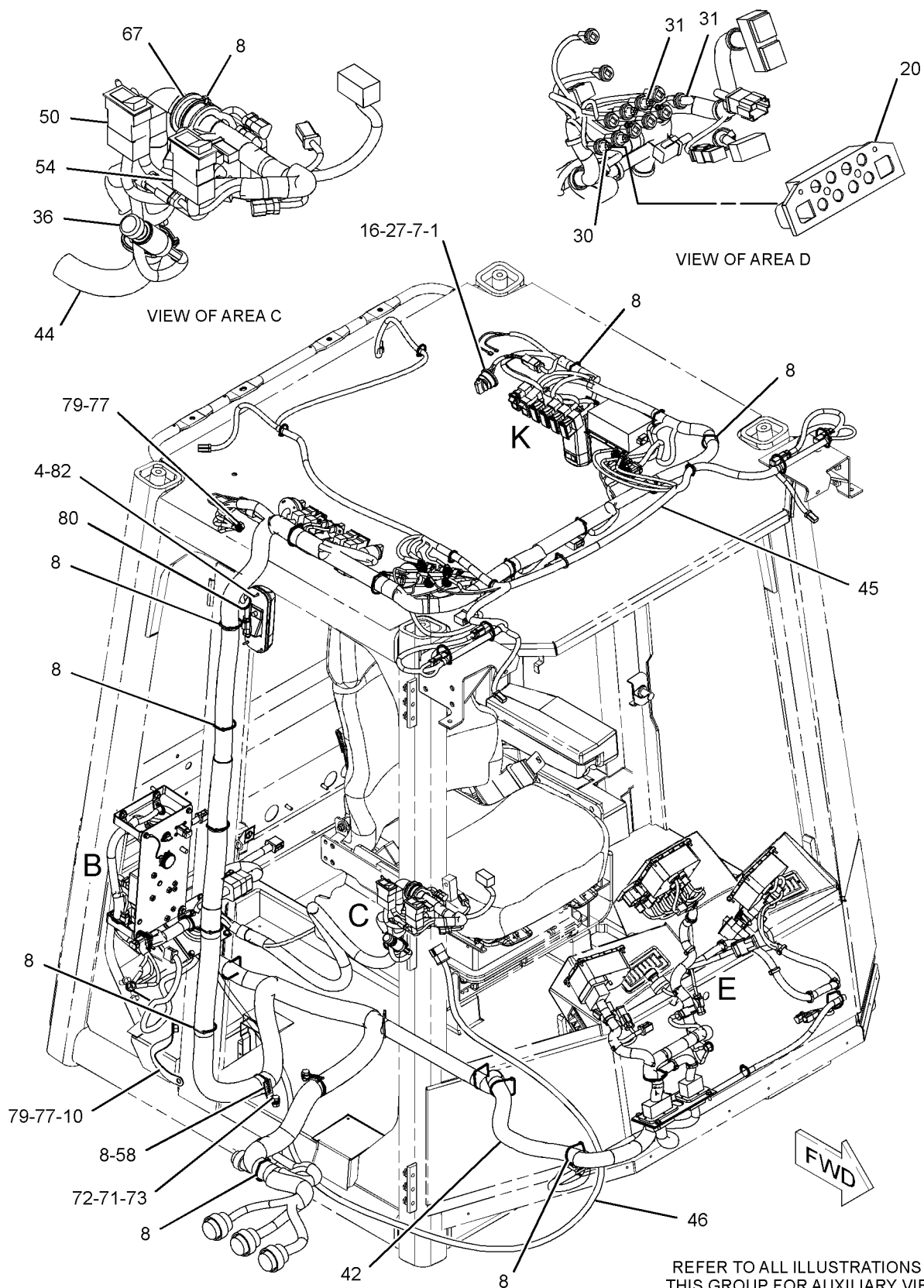
i02503762

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	78	3	8T-4224	1	WASHER-HARD (8.8X16X2-MM THK)						
	79	1, 3	8T-4244	4	NUT (M12X1.75-THD)						
	80	1, 2	9G-2673	2	GROMMET						
	81	2	9M-5870	7	GROMMET						
M	82	1, 3	9X-1046	20	SCREW (M4X0.7X18-MM)						
M	83	3	9X-2480	2	BOLT (M6X1X45-MM)						
	84	3	9X-6165	2	WASHER (6.5X22X2.5-MM THK)						
C-CHANGE FROM PREVIOUS TYPE											
M-METRIC PART											
Y-SEPARATE ILLUSTRATION											

ELECTRICAL AND STARTING SYSTEM

261-0400 WIRING GP-CAB (contd.)

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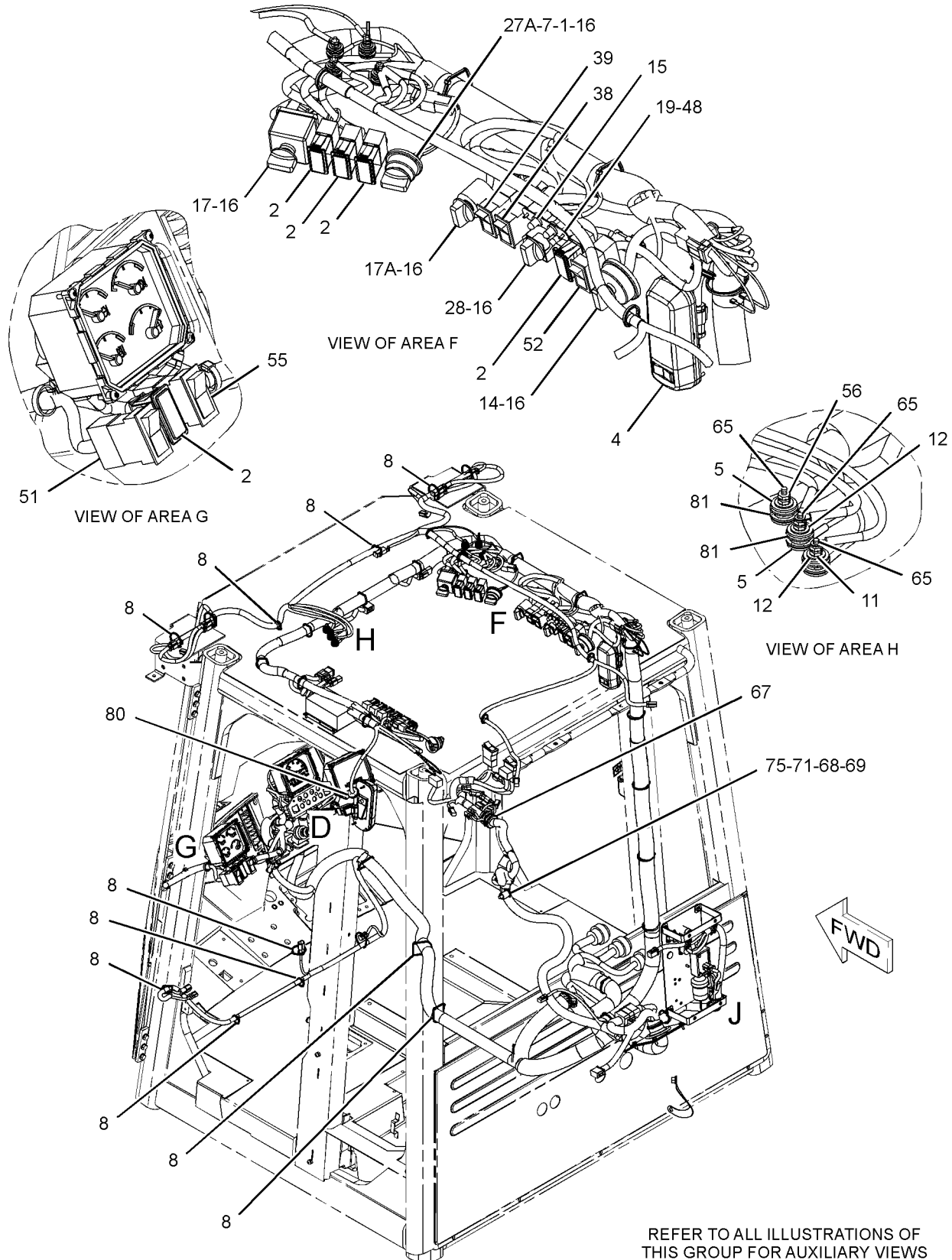
GRAPHIC #1

g01259943

ELECTRICAL AND STARTING SYSTEM

261-0400 WIRING GP-CAB (contd.)

i02503762



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

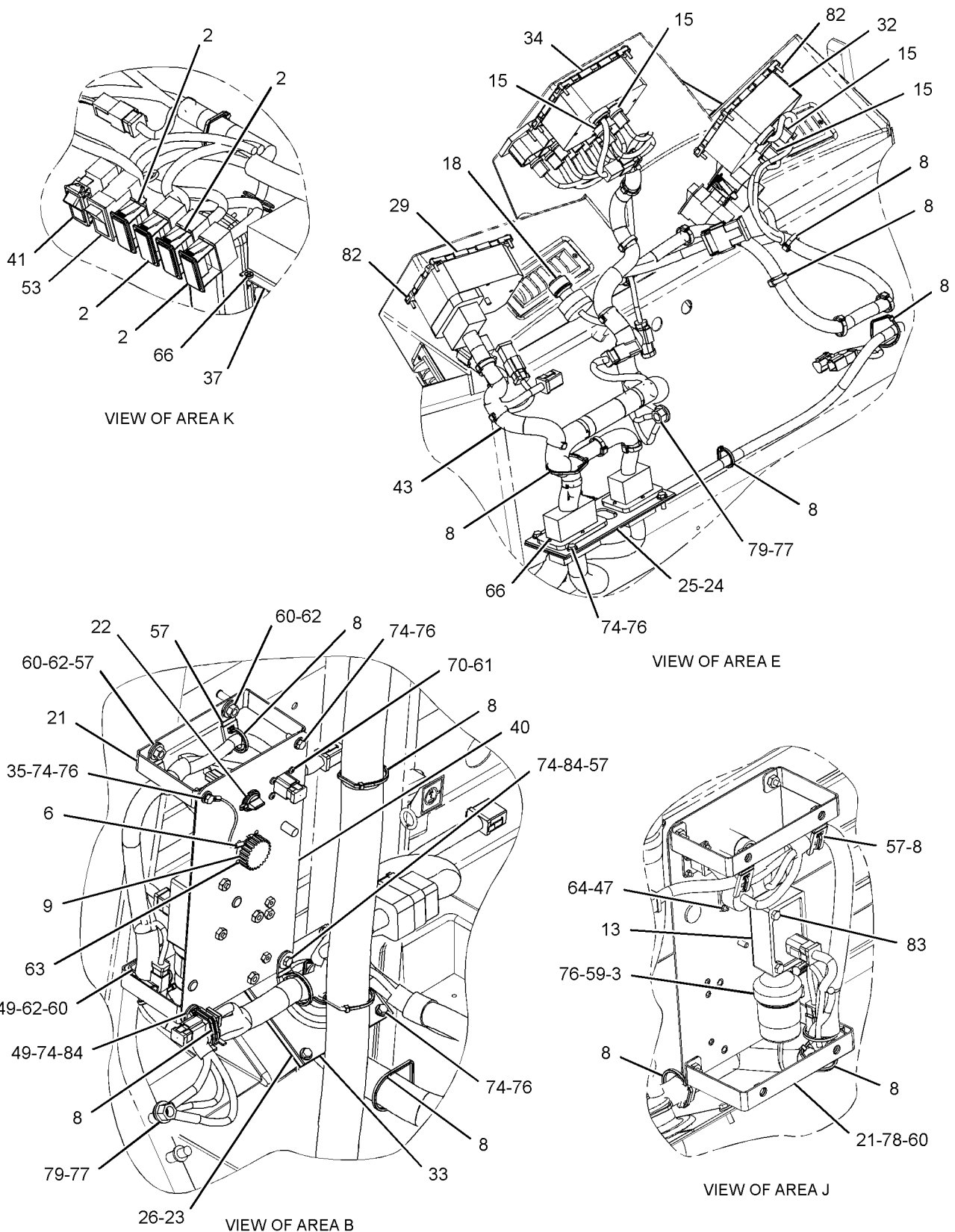
GRAPHIC #2

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ELECTRICAL AND STARTING SYSTEM

261-0400 WIRING GP-CAB (contd.)

i02503762



GRAPHIC #3

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ELECTRICAL AND STARTING SYSTEM

261-0400 WIRING GP-CAB

S/N: BXY1069-1899

PART OF 227-3190 CAB AR

SMCS-1408, 7301

i02661708

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	2H-3920	2	LOCKWASHER	
	2	2, 5	3E-0109	10	PLUG (ROCKER SWITCH)	
Y	3	4	3E-6328	1	ALARM GP (24-VOLT) (ACTION)	275
Y	4	2	3E-6389	2	LAMP GP-DOME (24-VOLT)	326
	5	1, 3	4V-4164	14	BUSHING-TERMINAL	
	6	4	5P-7958	1	SLEEVE-CABLE SPLICE	
	7	2	6V-8369	2	NUT (7/16-28-THD)	
C	8	1, 2, 3, 4, 5, 6	7K-1181	51	STRAP-CABLE	
	9	4	8C-6354	1	CAP-RECEPTACLE	
	10	3	8X-5803	1	STRAP AS-GROUND	
	11	1, 3	9F-8125	14	LOCKWASHER	
	12	1, 3	098-8968	14	WASHER (5X16X1.2-MM THK)	
Y	13	4	103-5526	1	CONTROL GP-MONITOR (BACKLIGHT DIMMER)	1721
	14	2	108-3320	1	SWITCH AS-ROTARY (24-VOLT, 5-POSITION) (RUNNING LIGHTS)	
		2	3E-3389	1	WEDGE-RECEPTACLE LOCK (8-PIN)	
		2	9W-0852	8	PIN-CONNECTOR (14-GA)	
		2	102-8806	1	KIT-RECEPTACLE (8-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
	15	2, 5	110-2079	6	LAMP (24-VOLT)	
	16	2	110-6109	6	KNOB-CONTROL (CONTROL PANEL SWITCHES)	
	17	2	110-7886	1	SWITCH AS-WIPER (24-VOLT) (FRONT INTERMITTENT)	
	17A	2	110-7886	1	SWITCH AS-WIPER (24-VOLT) (REAR INTERMITTENT) (EACH SWITCH AS INCLUDES)	
		2	2H-3920	1	LOCKWASHER	
		2	3E-3389	1	WEDGE-RECEPTACLE LOCK (8-PIN)	
		2	6V-8369	1	NUT (7/16-28-THD)	
		2	8T-8737	1	PLUG-SEAL	
		2	9W-0852	4	PIN-CONNECTOR (14-GA)	
		2	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)	
		2	102-8806	1	KIT-RECEPTACLE (8-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
	18	5	110-7887	1	SWITCH AS-START (KEY)	
		5	7T-6799	1	NUT-MOUNTING (1-32-THD)	
		5	186-3735	4	PIN-CONNECTOR (16-GA TO 18-GA)	
		5	102-8804	1	KIT-RECEPTACLE (4-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
	19	2	112-5421	1	STRIP	
	20	6	112-5927	1	MODULE GP-LIGHT (PANEL ACTION LAMPS)	
M		6	7X-3319	2	SCREW-HEX SOCKET (M4X0.7X6-MM)	
		6	110-4218	1	MODULE AS-LIGHT	
		6	112-5928	1	PLATE	
	21	4	113-0002	2	STRIP AS	
	22	4	117-2311	1	SOCKET-AUXILIARY POWER (12-VOLT)	
	23	5	122-4429	1	PLATE	
	24	5	122-9854	1	GASKET	
	25	4	123-4627	1	GASKET	
	26	2	123-6383	1	SWITCH AS-ROTARY (24-VOLT, 4-POSITION) (REDUCED RIMPULL SELECT)	
	26A	2	123-6383	1	SWITCH AS-ROTARY (24-VOLT, 4-POSITION) (AUTOSHIFT CONTROL) (EACH SWITCH AS INCLUDES)	
		2	3E-3383	1	WEDGE-RECEPTACLE LOCK (6-PIN)	
		2	8T-8737	1	PLUG-SEAL	
		2	9W-0852	5	PIN-CONNECTOR (14-GA)	

ELECTRICAL AND STARTING SYSTEM

261-0400 WIRING GP-CAB (contd.)

i02661708

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	102-8805	1	KIT-RECEPTACLE (6-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)						
	27	2	127-4540	1	POTENTIOMETER AS (TEMPERATURE SELECT)						
		2	102-8803	1	KIT-RECEPTACLE (3-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)						
		2	186-3735	4	PIN-CONNECTOR (16-GA TO 18-GA)						
		2	236-8722	1	WASHER (10.5X22.2X1.6-MM THK)						
Y	28	5	154-7443	1	CONTROL GP-UNPRGMED MONITOR (CATERPILLAR MONITORING SYSTEM)						1731
	29	6	163-1876	1	LAMP-LED (24-VOLT, RED)						
	30	6	163-1878	4	LAMP-LED (24-VOLT, YELLOW)						
Y	31	5	166-6928	1	MODULE GP-QUAD GAUGE						1801
	32	5	178-8583	1	MODULE GP-SPEEDOMETER & TACH						
		5	3E-3383	1	WEDGE-RECEPTACLE LOCK (6-PIN)						
		5	186-3735	6	PIN-CONNECTOR (16-GA TO 18-GA)						
		5	102-8805	1	KIT-RECEPTACLE (6-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)						
	33	4	179-9392	1	LANYARD						
C	34	4	189-7737	2	PLATE						
	35	6	198-6570	1	LIGHTER GP (12-VOLT)						
		6	198-6571	1	ELEMENT AS (CIGARETTE LIGHTER)						
	36	2	209-0381	1	CONVERTER-POWER (24-VOLT TO 12-VOLT)						
	37	2	219-9521	1	SWITCH AS-ROCKER (A/C, HEATER)						
	38	2	219-9523	1	SWITCH AS-ROCKER (FAN BLOWER SPEED)						
	39	4	228-9514	1	PANEL AS						
		4	5T-9020	6	LUG						
M		4	6V-9632	4	NUT-WELD (M6X1-THD)						
M		4	8T-8874	3	NUT-WELD (M5X0.8-THD)						
	40	2	232-3243	1	SWITCH AS-ROCKER (LOOSE MATERIAL SELECT)						
	41	3	261-0410	1	HARNESS AS-CAB (MAIN)						
		3	102-8802	1	KIT-RECEPTACLE (2-PIN)						
		3	102-8803	1	KIT-RECEPTACLE (3-PIN)						
		3	102-8804	1	KIT-RECEPTACLE (4-PIN)						
		3	102-8806	1	KIT-RECEPTACLE (8-PIN)						
		3	177-9645	1	KIT-RECEPTACLE (2-PIN)						
		3	197-7565	1	KIT-RECEPTACLE (4-PIN) (EACH KIT INCLUDES RECEPTACLE AS AND WEDGE)						
		3	3T-0203	1	PLUG AS-CONNECTOR (20-PIN)						
		3	3T-3412	1	PLUG AS-CONNECTOR (37-PIN)						
		3	8N-1514	2	PLUG AS-CONNECTOR (37-PIN)						
		3	8N-1520	1	PLUG AS-CONNECTOR (12-PIN)						
		3	9X-0141	1	PLUG AS-CONNECTOR (40-PIN)						
		3	9X-7146	1	PLUG AS-CONNECTOR (24-PIN)						
		3	7K-1181	2	STRAP-CABLE						
		3	9X-6772	5	STRAP-CABLE						
		3	8N-1521	4	BELL AS-END						
		3	8N-1535	1	BELL AS-END						
		3	9W-1951	1	RECEPTACLE-CONNECTOR (9-PIN)						
		3	113-0580	1	RECEPTACLE AS-CONNECTOR (40-PIN)						
		3	155-2255	4	KIT-CONNECTING PLUG (12-PIN)						
		3	155-2265	1	KIT-CONNECTING PLUG (8-PIN)						
		3	155-2260	5	KIT-CONNECTING PLUG (3-PIN)						
		3	155-2270	2	KIT-CONNECTING PLUG (2-PIN)						
		3	155-2271	2	KIT-CONNECTING PLUG (4-PIN)						
		3	155-2274	5	KIT-CONNECTING PLUG (6-PIN)						
		3	177-9648	1	KIT-CONNECTING PLUG (2-PIN) (EACH KIT INCLUDES PLUG AS AND WEDGE)						
	42	5	261-0411	1	HARNESS AS-PANEL (FRONT)						
		5	102-8803	1	KIT-RECEPTACLE (3-PIN)						
		5	102-8804	1	KIT-RECEPTACLE (4-PIN)						

ELECTRICAL AND STARTING SYSTEM

261-0400 WIRING GP-CAB (contd.)

i02661708

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		5	102-8806	1	KIT-RECEPTACLE (8-PIN)						
		5	102-8801	1	KIT-RECEPTACLE (12-PIN)						
					(EACH KIT INCLUDES RECEPTACLE AS AND WEDGE)						
		5	3S-2093	20	STRAP-CABLE						
		5	8T-9834	1	PLUG AS-CONNECTOR (40-PIN)						
		5	9X-1343	1	RECEPTACLE AS-CONNECTOR (40-PIN)						
		5	9X-7145	1	RECEPTACLE AS-CONNECTOR (24-PIN)						
		5	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
		5	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
		5	155-2271	2	KIT-CONNECTING PLUG (4-PIN)						
		5	155-2274	3	KIT-CONNECTING PLUG (6-PIN)						
					(EACH KIT INCLUDES PLUG AS AND WEDGE)						
	43	6	261-0412	1	HARNESS AS-OPERATOR CONTROLS (ELECTROHYDRAULIC)						
		6	102-8803	3	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		6	110-6845	1	PLUG AS-CONNECTOR (40-PIN)						
		6	155-2260	5	KIT-CONNECTING PLUG (3-PIN)						
		6	155-2270	4	KIT-CONNECTING PLUG (2-PIN)						
					(EACH KIT INCLUDES PLUG AS AND WEDGE)						
	44	1	261-0413	1	HARNESS AS-LIGHTING (CAB FLOODLIGHTS)						
		1	102-8802	7	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		1	7K-1181	1	STRAP-CABLE						
		1	155-2270	11	KIT-CONNECTING PLUG (2-PIN)						
					(INCLUDES PLUG AS AND WEDGE)						
	45	1	273-0155	1	HARNESS AS-CONTROL (PRODUCT LINK)						
		1	102-8801	2	KIT-RECEPTACLE (12-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
					(INCLUDES PLUG AS AND WEDGE)						
	46	4	096-5962	4	WASHER-HARD (3.4X7X0.8-MM THK)						
	47	2	104-2091	2	SCREW-FLAT HEAD (6-20X0.5-IN)						
	48	4	132-5789	2	CLIP						
	49	6	219-9533	1	SWITCH AS-ROCKER (HYDRAULIC LOCKOUT)						
	50	5	220-8358	1	SWITCH AS-ROCKER (MODE SELECT)						
	51	2	223-8971	1	SWITCH AS-ROCKER (STAIRWAY ACCESS LIGHT)						
	52	2	223-8972	1	SWITCH AS-ROCKER (KICKOUT SET)						
	53	6	223-8976	1	SWITCH AS-ROCKER (REDUCED, MAX RIMPULL ENABLE)						
	54	5	223-8982	1	SWITCH AS-ROCKER (THROTTLE LOCK ENABLE)						
	55	1, 3	4B-2049	14	NUT (10-32-THD)						
	56	4, 6	4P-7581	4	CLIP						
	57	6	4P-8134	1	CLIP						
M	58	4	5C-2890	1	NUT (M6X1-THD)						
M	59	4	5C-7261	4	NUT (M8X1.25-THD)						
M	60	4	5C-8312	4	NUT (M4X0.7-THD)						
	61	4	5P-4116	3	WASHER-HARD (8.8X20.5X2-MM THK)						
	62	4	5S-4245	4	SCREW-MACHINE (4-40X0.5-IN)						
	63	4	6B-4540	4	NUT (4-40-THD)						
	64	1, 3	6D-6146	7	SCREW-MACHINE (10-32X1.25-IN)						
	65	2, 5	6V-2687	12	SCREW-PAN HEAD (10-24X1-IN)						
	66	6	6V-3341	1	GROMMET						
	67	6	7C-4354	1	CLIP						
	68	6	7E-5639	1	SPACER (13.88X21.34X25-MM THK)						
C	69	4	7X-4743	1	GROMMET						
M	70	4	8T-0337	4	SCREW-MACHINE (M4X0.7X12-MM)						
	71	6	8T-4121	5	WASHER-HARD (11X21X2.5-MM THK)						
M	72	6	8T-4133	2	NUT (M10X1.5-THD)						
M	73	6	8T-4137	2	BOLT (M10X1.5X20-MM)						

ELECTRICAL AND STARTING SYSTEM

261-0400 WIRING GP-CAB (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
M	74	4, 5	8T-4138	12	BOLT (M6X1X20-MM)	
M	75	6	8T-4186	1	BOLT (M10X1.5X40-MM)	
	76	4, 5	8T-4205	11	WASHER-HARD (7.2X14.5X2-MM THK)	
	77	3, 4, 5	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)	
	78	4	8T-4224	1	WASHER-HARD (8.8X16X2-MM THK)	
M	79	3, 4, 5	8T-4244	4	NUT (M12X1.75-THD)	
	80	1	9G-2673	2	GROMMET	
	81	1, 3	9M-5870	7	GROMMET	
C	82	4	9P-0719	1	GROMMET	
M	83	1, 5	9X-1046	20	SCREW (M4X0.7X18-MM)	
M	84	4, 5	9X-2480	2	BOLT (M6X1X45-MM)	
	85	4	9X-6165	2	WASHER (6.5X22X2.5-MM THK)	

C-CHANGE FROM PREVIOUS TYPE

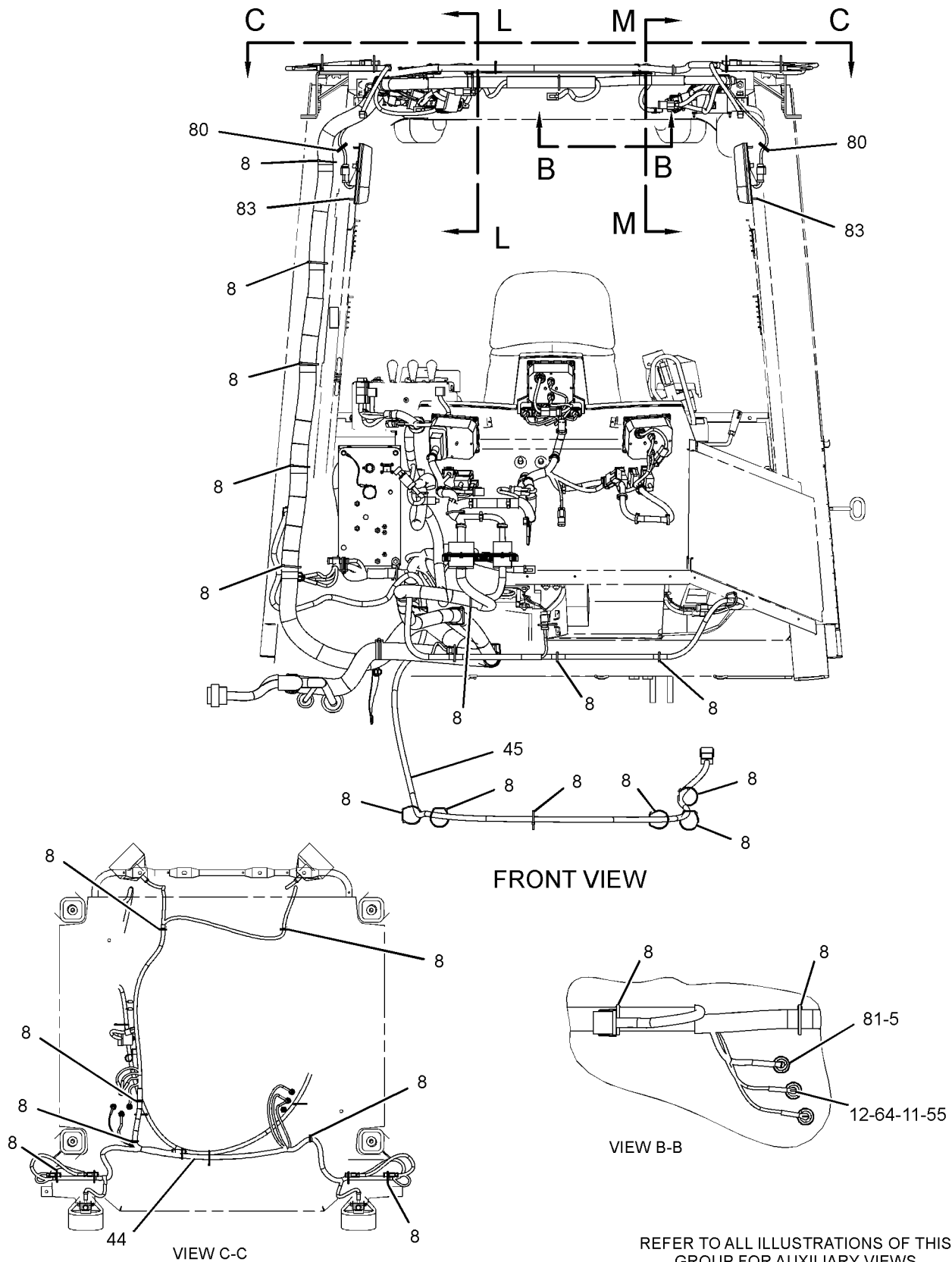
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

261-0400 WIRING GP-CAB (contd.)

i02661708



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

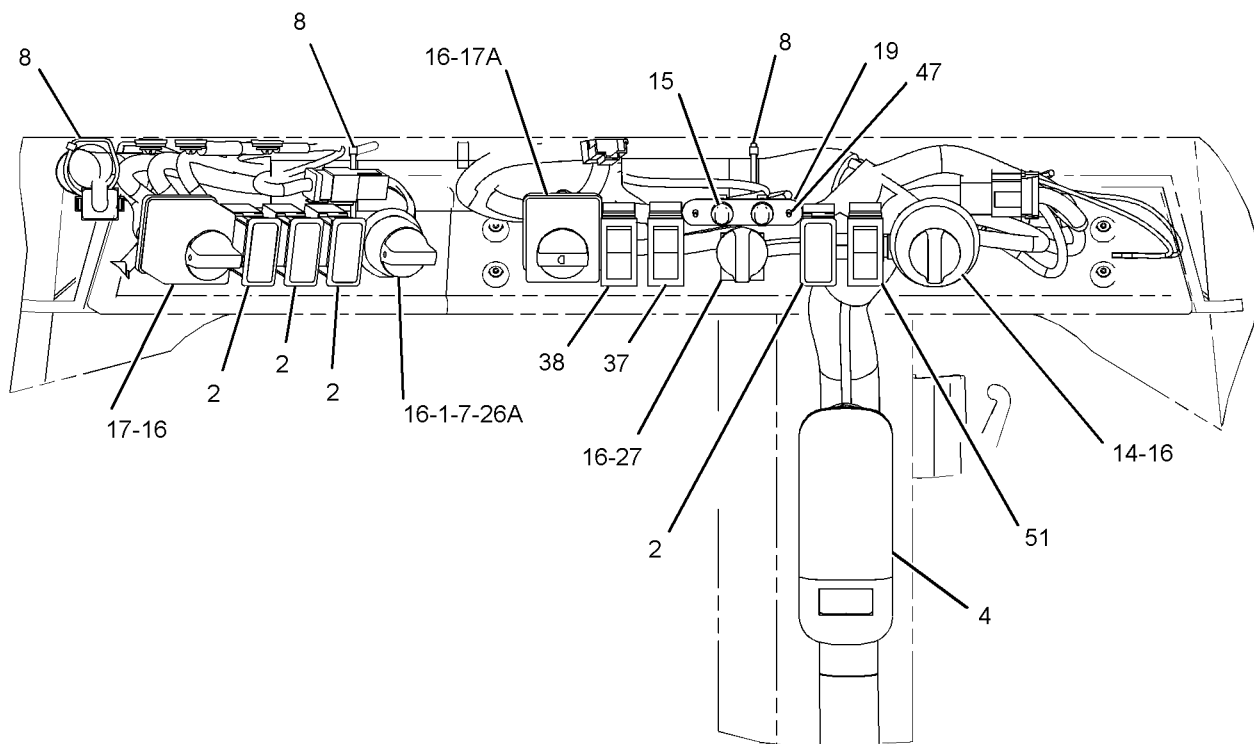
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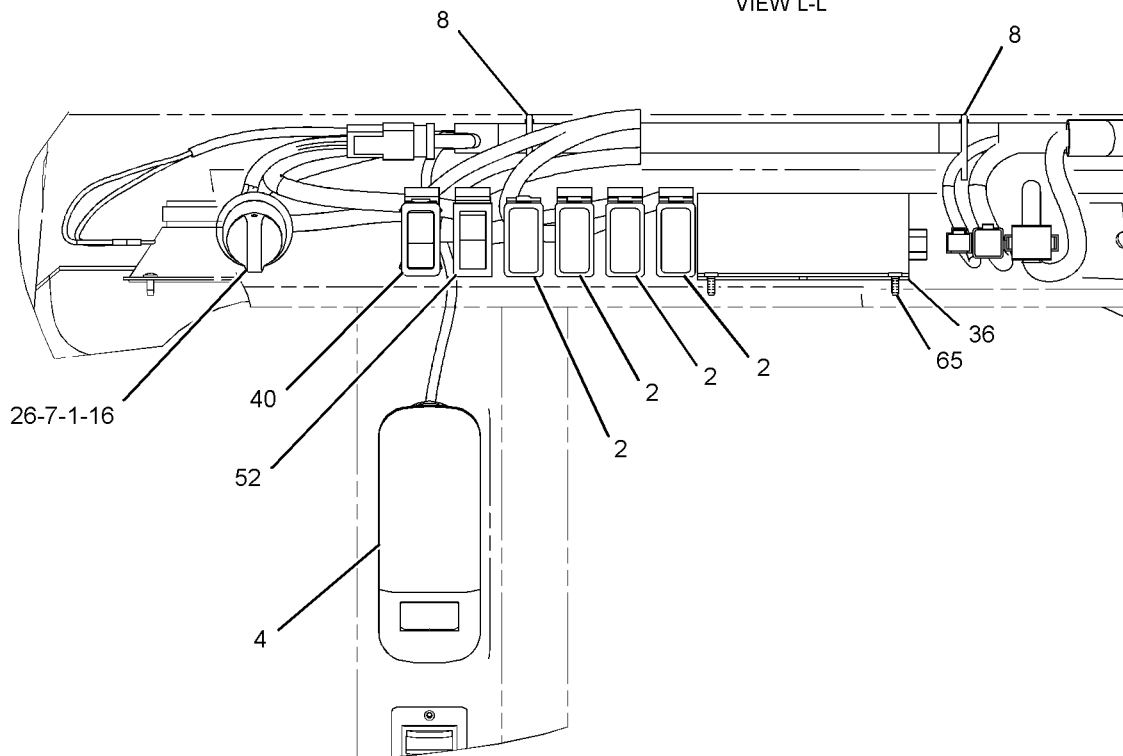
ELECTRICAL AND STARTING SYSTEM

261-0400 WIRING GP-CAB (contd.)

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VIEW L-L



VIEW M-M

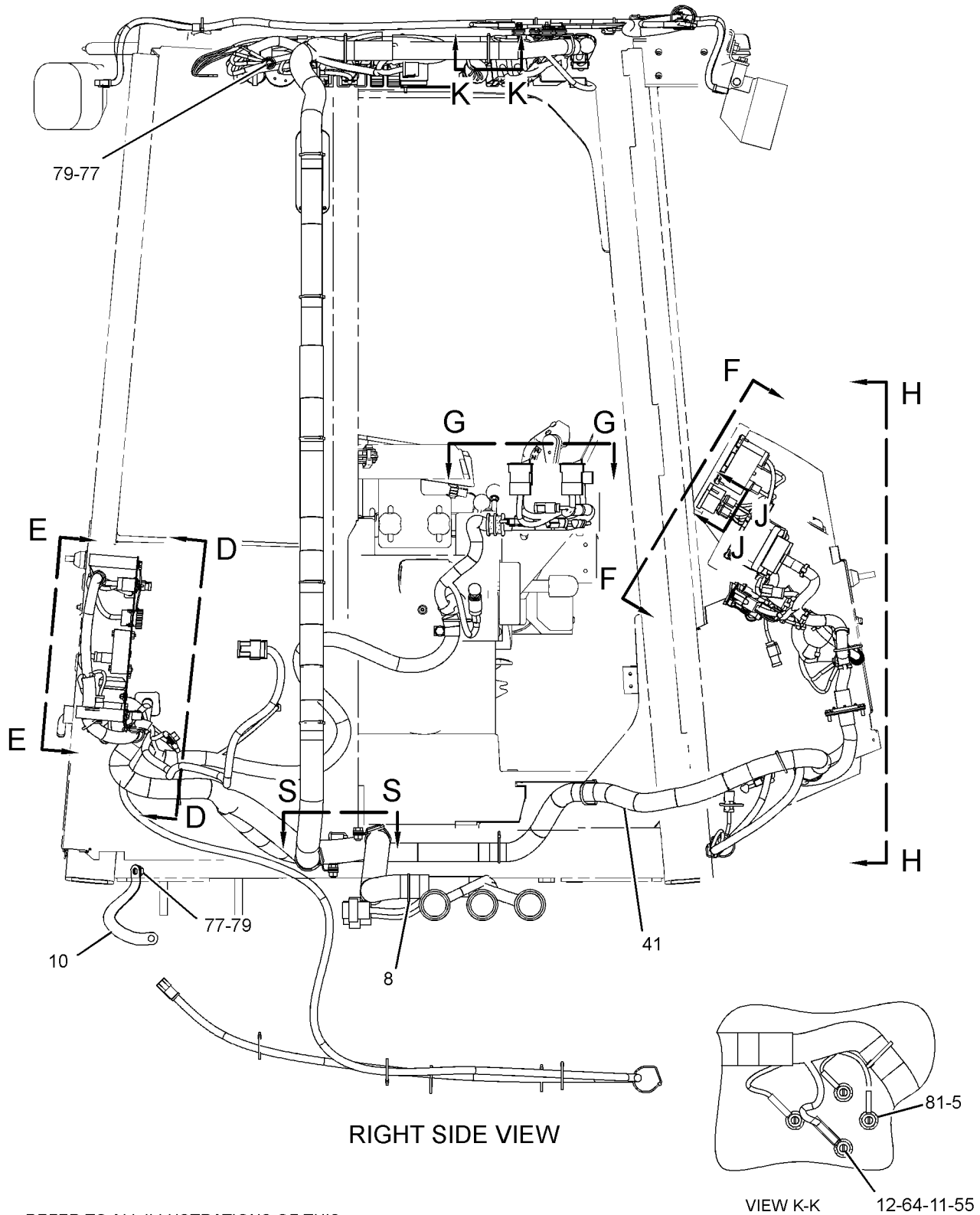
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ELECTRICAL AND STARTING SYSTEM

261-0400 WIRING GP-CAB (contd.)

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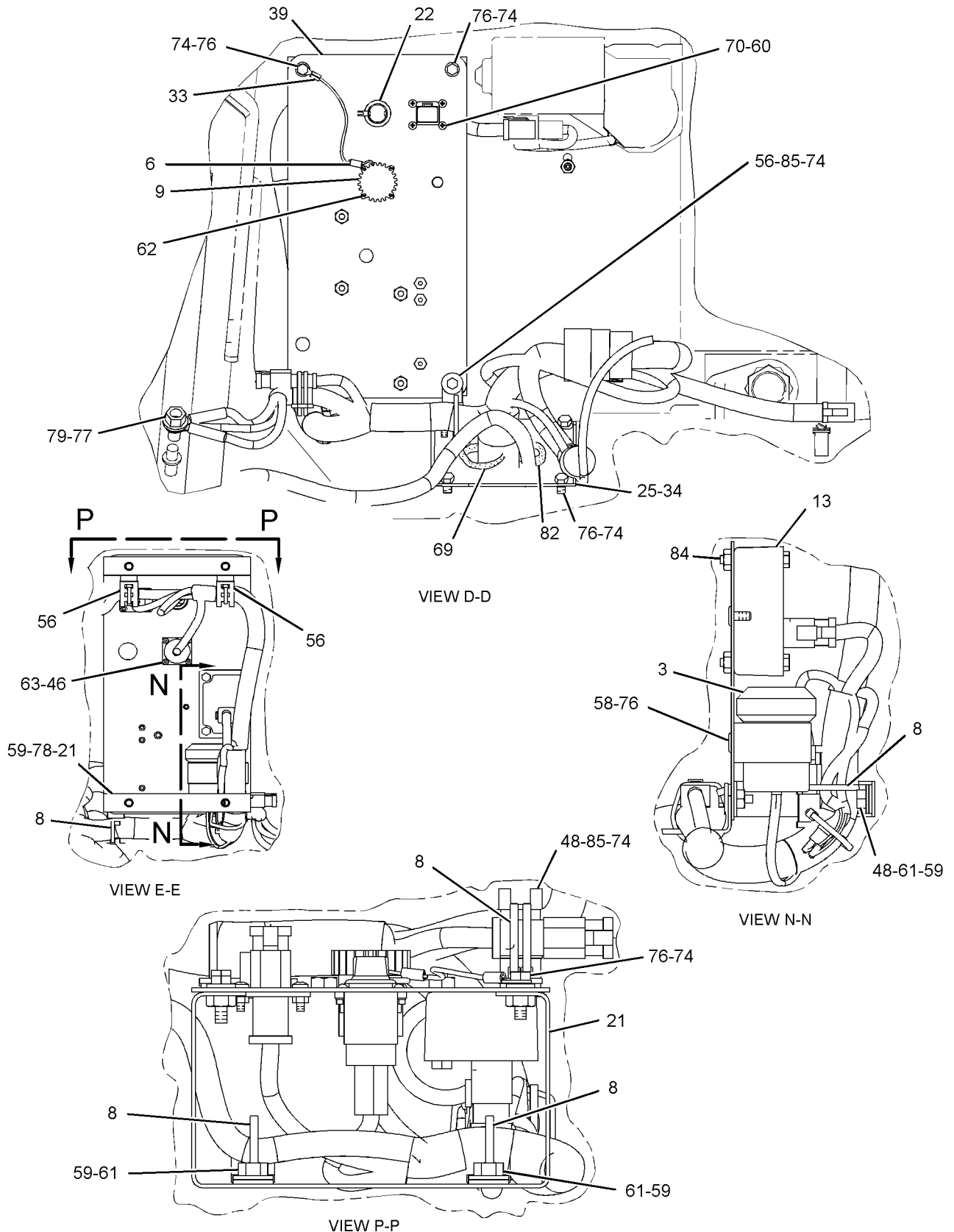
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ELECTRICAL AND STARTING SYSTEM

261-0400 WIRING GP-CAB (contd.)

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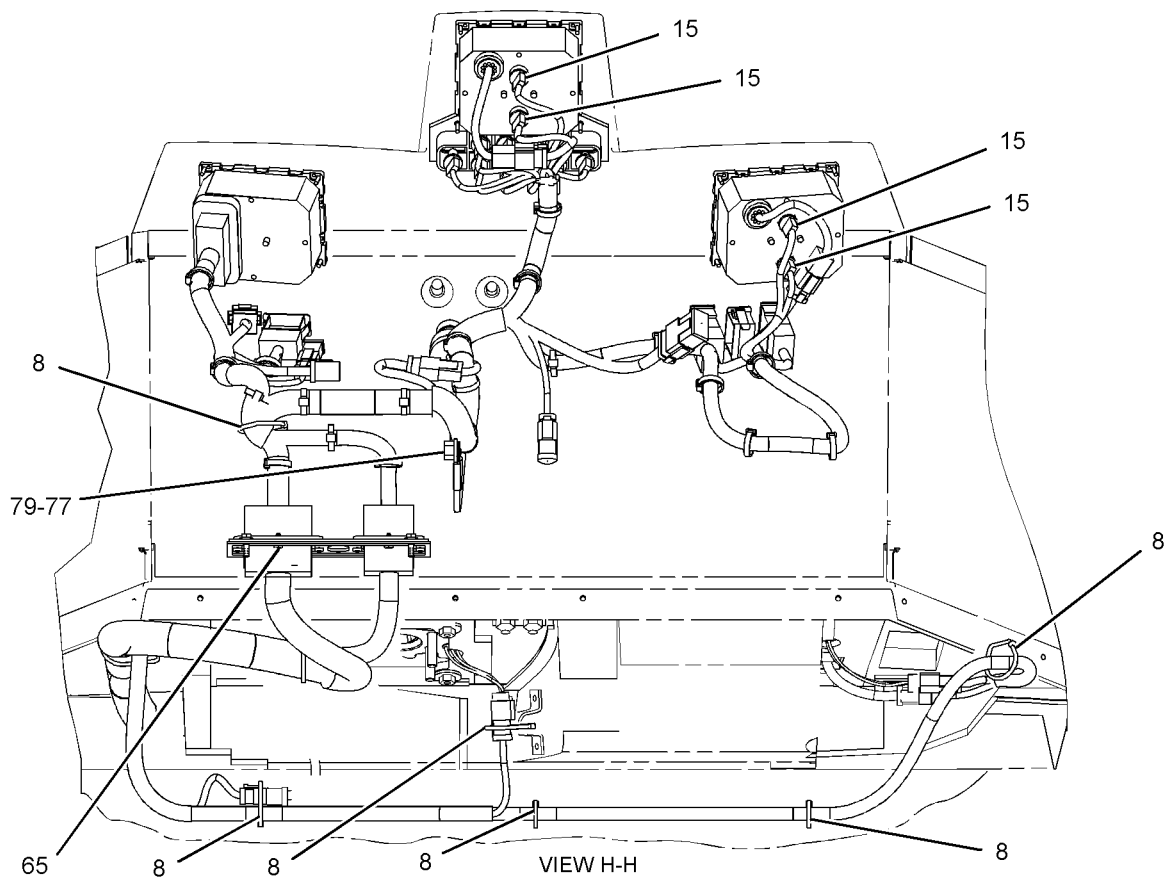
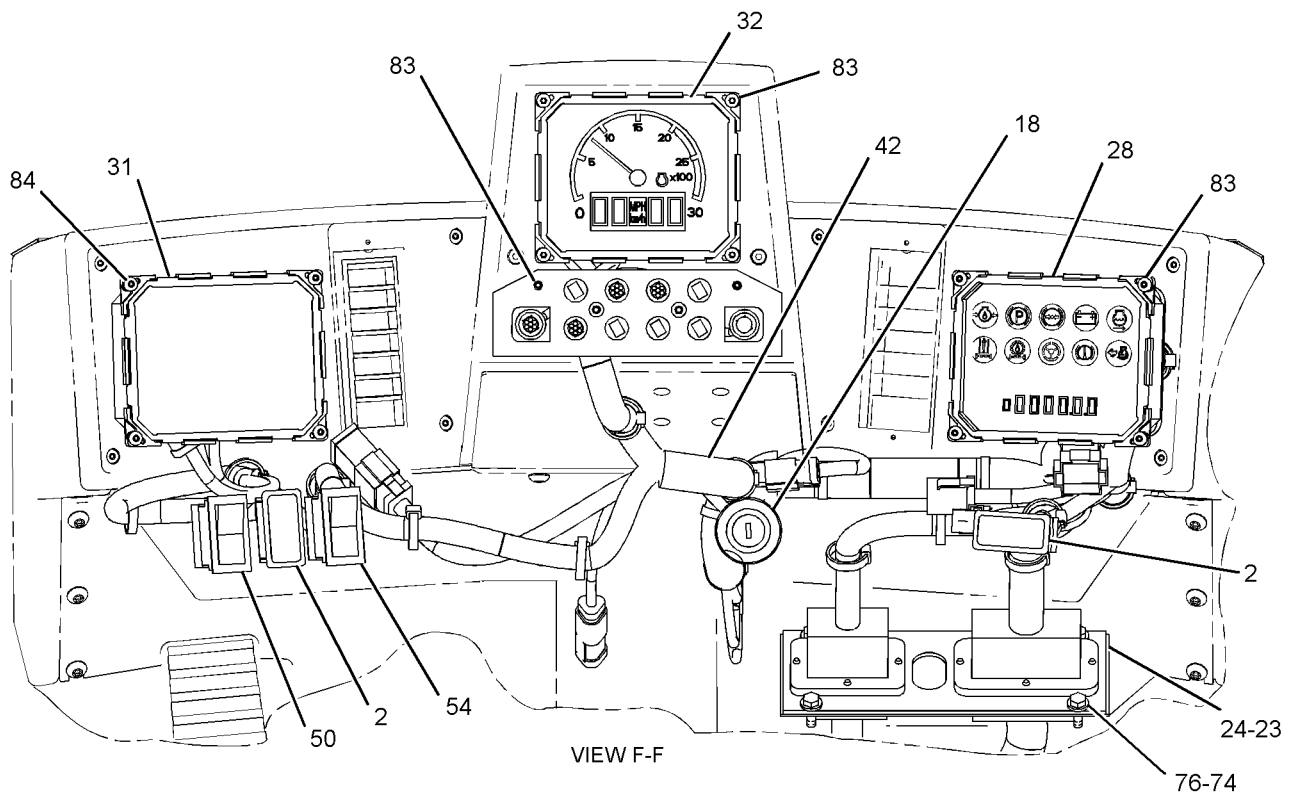
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ELECTRICAL AND STARTING SYSTEM

261-0400 WIRING GP-CAB (contd.)

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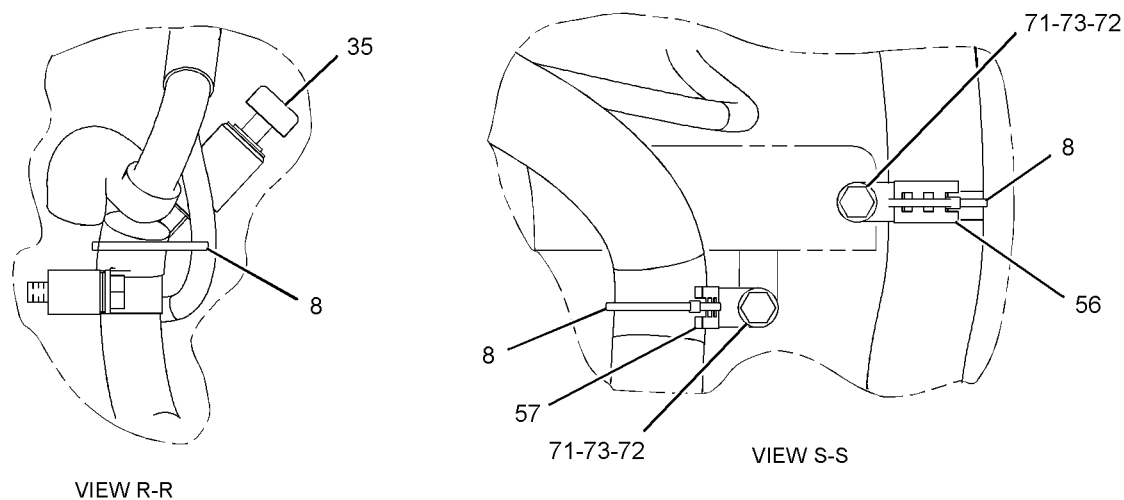
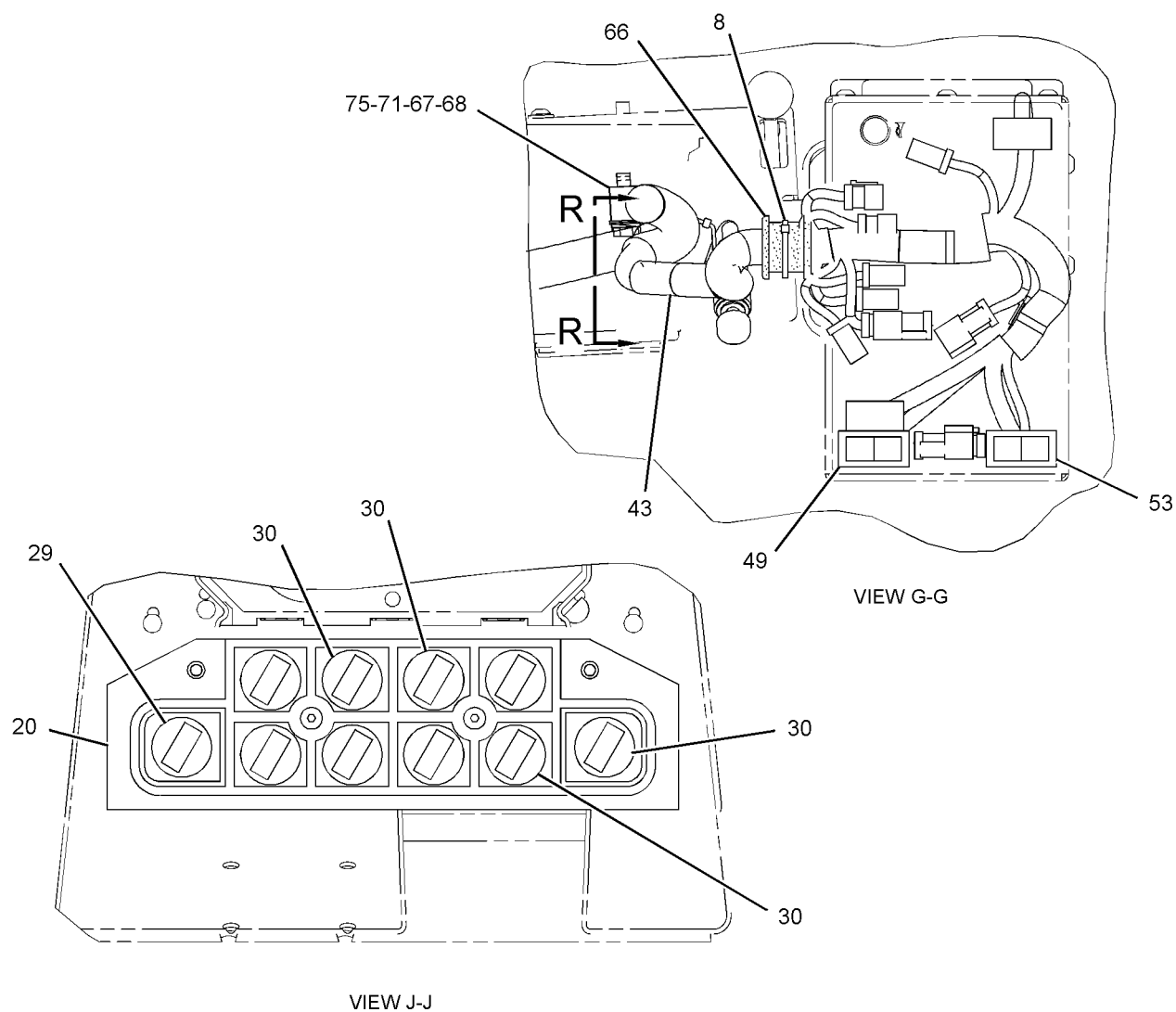
GRAPHIC #5

g01348006

ELECTRICAL AND STARTING SYSTEM

261-0400 WIRING GP-CAB (contd.)

i02661708



GRAPHIC #6

<END>

g01348008

ELECTRICAL AND STARTING SYSTEM

261-0400 WIRING GP-CAB

S/N: BXY1900-3999

PART OF 292-6110, 308-2727 CAB AR
ALSO AN ATTACHMENT

SMCS-1408, 7301

i03767934

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	2H-3920	2	LOCKWASHER	
	2	2, 5	3E-0109	10	PLUG (ROCKER SWITCH)	
Y	3	4	3E-6328	1	ALARM GP (24-VOLT) (ACTION)	275
Y	4	2	3E-6389	2	LAMP GP-DOME (24-VOLT)	326
C	5	1, 3	4V-4164	12	BUSHING-TERMINAL	
	6	4	5P-7958	1	SLEEVE-CABLE SPLICE	
	7	2	6V-8369	2	NUT (7/16-28-THD)	
C	8	1, 2, 3, 4, 5	7K-1181	54	STRAP-CABLE	
	9	4	8C-6354	1	CAP-RECEPTACLE	
	10	3	8X-5803	1	STRAP AS-GROUND	
C	11	1, 3	9F-8125	12	LOCKWASHER	
C	12	1, 3	098-8968	12	WASHER (5X16X1.2-MM THK)	
Y	13	4	103-5526	1	CONTROL GP-MONITOR (BACKLIGHT DIMMER)	1721
	14	2	108-3320	1	SWITCH AS-ROTARY (24-VOLT, 5-POSITION) (RUNNING LIGHTS)	
		2	3E-3389	1	WEDGE-RECEPTACLE LOCK (8-PIN)	
		2	9W-0852	8	PIN-CONNECTOR (14-GA)	
		2	102-8806	1	KIT-RECEPTACLE (8-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
	15	2, 5	110-2079	6	LAMP (24-VOLT)	
	16	2	110-6109	6	KNOB-CONTROL (CONTROL PANEL SWITCHES)	
Y	17	2	275-7741	1	SWITCH GP-WIPER (24-VOLT, INTERMITTENT) (FRONT INTERMITTENT)	470
Y	17A	2	275-7741	1	SWITCH GP-WIPER (24-VOLT, INTERMITTENT) (REAR INTERMITTENT)	470
	18	5	110-7887	1	SWITCH AS-START (KEY)	
		5	7T-6799	1	NUT-MOUNTING (1-32-THD)	
		5	186-3735	4	PIN-CONNECTOR (16-GA TO 18-GA)	
		5	102-8804	1	KIT-RECEPTACLE (4-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
	19	2	112-5421	1	STRIP	
	20	4	112-5927	1	MODULE GP-LIGHT (PANEL ACTION LAMPS)	
M		4	7X-3319	2	SCREW-HEX SOCKET (M4X0.7X6-MM)	
		4	110-4218	1	MODULE AS-LIGHT	
		4	112-5928	1	PLATE	
	21	4	113-0002	2	STRIP AS (EACH INCLUDES)	
M		4	6V-9632	2	NUT-WELD (M6X1-THD)	
	22	4	117-2311	1	SOCKET-AUXILIARY POWER (12-VOLT)	
	23	5	122-4429	1	PLATE	
	24	5	122-9854	1	GASKET	
	25	4	123-4627	1	GASKET	
	26	2	123-6383	1	SWITCH AS-ROTARY (24-VOLT, 4-POSITION) (REDUCED RIMPULL SELECT)	
	26A	2	123-6383	1	SWITCH AS-ROTARY (24-VOLT, 4-POSITION) (AUTOSHIFT CONTROL) (EACH SWITCH AS INCLUDES)	
		2	3E-3383	1	WEDGE-RECEPTACLE LOCK (6-PIN)	
		2	8T-8737	1	PLUG-SEAL	
		2	9W-0852	5	PIN-CONNECTOR (14-GA)	
		2	102-8805	1	KIT-RECEPTACLE (6-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
	27	2	291-2165	1	POTENTIOMETER AS (TEMPERATURE SELECT)	
		2	102-8803	1	KIT-RECEPTACLE (3-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	

ELECTRICAL AND STARTING SYSTEM

261-0400 WIRING GP-CAB (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	186-3735	1	PIN-CONNECTOR (16-GA TO 18-GA)						
		2	236-8722	1	WASHER (10.5X22.2X1.6-MM THK)						
R	28	5	252-4501	1	CONTROL GP-UNPRGMED MONITOR (CATERPILLAR MONITORING SYSTEM)						
	29	4	163-1876	1	LAMP-LED (24-VOLT, RED)						
	30	4	163-1878	4	LAMP-LED (24-VOLT, YELLOW)						
Y	31	5	166-6928	1	MODULE GP-QUAD GAUGE						1801
	32	5	178-8583	1	MODULE GP-SPEEDOMETER & TACH						
		5	3E-3383	1	WEDGE-RECEPTACLE LOCK (6-PIN)						
		5	186-3735	6	PIN-CONNECTOR (16-GA TO 18-GA)						
		5	102-8805	1	KIT-RECEPTACLE (6-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)						
	33	4	179-9392	1	LANYARD						
	34	3	198-6570	1	LIGHTER GP (12-VOLT)						
		3	198-6571	1	ELEMENT AS (CIGARETTE LIGHTER)						
	35	2	209-0381	1	CONVERTER-POWER (24-VOLT TO 12-VOLT)						
	36	2	219-9521	1	SWITCH AS-ROCKER (A/C, HEATER)						
	37	2	219-9523	1	SWITCH AS-ROCKER (FAN BLOWER SPEED)						
	38	4	228-9514	1	PANEL AS						
		4	5T-9020	6	LUG						
M		4	6V-9632	4	NUT-WELD (M6X1-THD)						
M		4	8T-8874	3	NUT-WELD (M5X0.8-THD)						
	39	2	232-3243	1	SWITCH AS-ROCKER (LOOSE MATERIAL SELECT)						
	40	5	261-0411	1	HARNESS AS-PANEL (FRONT)						
		5	102-8803	1	KIT-RECEPTACLE (3-PIN)						
		5	102-8804	1	KIT-RECEPTACLE (4-PIN)						
		5	102-8806	1	KIT-RECEPTACLE (8-PIN)						
		5	102-8801	1	KIT-RECEPTACLE (12-PIN) (EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)						
		5	3E-3389	1	WEDGE-RECEPTACLE LOCK (8-PIN)						
		5	3E-7790	6	TERMINAL-BLADE						
		5	3S-2093	20	STRAP-CABLE						
		5	186-3735	23	PIN-CONNECTOR (16-GA TO 18-GA)						
		5	186-3736	21	SOCKET-CONNECTOR (16-GA TO 18-GA)						
		5	8T-8737	41	PLUG-SEAL						
		5	8T-9834	1	PLUG AS-CONNECTOR (40-PIN)						
		5	9W-0852	1	PIN-CONNECTOR (14-GA)						
		5	9X-1343	1	RECEPTACLE AS-CONNECTOR (40-PIN)						
		5	9X-3401	41	PIN-CONNECTOR (16-GA TO 18-GA)						
		5	9X-3402	45	SOCKET-CONNECTOR (16-GA TO 18-GA)						
		5	9X-7145	1	RECEPTACLE AS-CONNECTOR (24-PIN)						
		5	065-5071	14	TERMINAL-BLADE						
		5	113-5183	14	SOCKET-LAMP						
		5	113-5184	28	TERMINAL-RECEPTACLE (16-GA TO 18-GA)						
E		5	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (20-CM)						
E		5	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (25-CM)						
E		5	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA)						
		5	2L-8071	2	TERMINAL-RING (10-GA TO 12-GA, 1/2-IN SCREW)						
		5	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
		5	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
		5	155-2271	2	KIT-CONNECTING PLUG (4-PIN)						
		5	155-2274	3	KIT-CONNECTING PLUG (6-PIN) (EACH KIT INCLUDES PLUG AS AND WEDGE)						
	41	1	273-0155	1	HARNESS AS-CONTROL (PRODUCT LINK)						
		1	102-8801	2	KIT-RECEPTACLE (12-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)						
		1	186-3735	4	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	186-3736	4	SOCKET-CONNECTOR (16-GA TO 18-GA)						

ELECTRICAL AND STARTING SYSTEM

261-0400 WIRING GP-CAB (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	8T-8737	18	PLUG-SEAL						
		1	9X-3401	5	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	9X-3402	5	SOCKET-CONNECTOR (16-GA TO 18-GA)						
		1	9X-6772	1	STRAP-CABLE						
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
					(INCLUDES PLUG AS AND WEDGE)						
C	42	3	293-9130	1	SWITCH AS-ROCKER						
					(REDUCED, MAX RIMPULL ENABLE)						
C	43	3	298-2518	1	HARNESS AS-OPERATOR CONTROLS						
					(ELECTROHYDRAULIC)						
		3	102-8803	3	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		3	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)						
		3	110-6845	1	PLUG AS-CONNECTOR (40-PIN)						
		3	3E-7790	11	TERMINAL-BLADE						
		3	3E-7996	3	PLUG-CONNECTOR (6-PIN)						
		3	5P-4571	2	TERMINAL-BLADE (14-GA TO 16-GA)						
		3	9X-0196	1	TERMINAL AS						
E		3	8T-2225		TUBE-HEAT SHRINK (25.4-MM DIA) (11-CM)						
		3	8T-8737	21	PLUG-SEAL						
		3	9X-3401	2	PIN-CONNECTOR (16-GA TO 18-GA)						
		3	9X-3402	47	SOCKET-CONNECTOR (16-GA TO 18-GA)						
		3	065-5071	7	TERMINAL-BLADE						
E		3	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (7-CM)						
E		3	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (10-CM)						
E		3	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (10-CM)						
		3	126-1768	2	SOCKET-CONNECTOR (14-GA)						
E		3	5P-0765		HOSE (106-CM)						
		3	155-2260	5	KIT-CONNECTING PLUG (3-PIN)						
		3	155-2270	4	KIT-CONNECTING PLUG (2-PIN)						
					(EACH KIT INCLUDES PLUG AS AND WEDGE)						
C	44	3	298-2534	1	HARNESS AS-CAB (MAIN)						
		3	102-8802	1	KIT-RECEPTACLE (2-PIN)						
		3	102-8803	1	KIT-RECEPTACLE (3-PIN)						
		3	102-8804	2	KIT-RECEPTACLE (4-PIN)						
		3	102-8805	1	KIT-RECEPTACLE (6-PIN)						
		3	102-8806	1	KIT-RECEPTACLE (8-PIN)						
		3	197-7565	1	KIT-RECEPTACLE (4-PIN)						
					(EACH KIT INCLUDES RECEPTACLE AS AND WEDGE)						
		3	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)						
		3	3E-3377	2	WEDGE-RECEPTACLE LOCK (4-PIN)						
		3	3E-7790	13	TERMINAL-BLADE						
		3	3E-7996	12	PLUG-CONNECTOR (6-PIN)						
		3	3E-7998	1	TERMINAL-BLADE						
		3	3E-7999	4	TERMINAL-BLADE						
		3	3T-0203	1	PLUG AS-CONNECTOR (20-PIN)						
		3	5P-4571	1	TERMINAL-BLADE (14-GA TO 16-GA)						
D		3	5P-6006		TUBE-HEAT SHRINK (9.52-MM DIA) (0.1-M)						
		3	7G-7917	9	PLUG-SEAL						
		3	7G-7919	2	PLUG-SEAL (8-GA TO 10-GA)						
		3	7G-7920	1	PLUG-SEAL						
		3	7K-1181	2	STRAP-CABLE						
		3	9X-0196	1	TERMINAL AS						
		3	8N-1514	1	PLUG AS-CONNECTOR (37-PIN)						
		3	8N-1520	1	PLUG AS-CONNECTOR (12-PIN)						
		3	8N-1521	2	BELL AS-END						
		3	8N-1535	1	BELL AS-END						
		3	8N-1541	8	SOCKET-CONNECTOR (12-GA TO 14-GA)						
		3	8N-1543	1	SOCKET-CONNECTOR (10-GA)						
		3	186-3735	20	PIN-CONNECTOR (16-GA TO 18-GA)						

ELECTRICAL AND STARTING SYSTEM

261-0400 WIRING GP-CAB (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)	
		3	186-3736	88	SOCKET-CONNECTOR (16-GA TO 18-GA)						
		3	8T-8737	57	PLUG-SEAL						
		3	9W-0844	32	SOCKET-CONNECTOR (14-GA)						
		3	9W-0852	6	PIN-CONNECTOR (14-GA)						
		3	9W-1951	1	RECEPTACLE-CONNECTOR (9-PIN)						
		3	9X-0141	1	PLUG AS-CONNECTOR (40-PIN)						
		3	9X-3401	31	PIN-CONNECTOR (16-GA TO 18-GA)						
		3	9X-3402	118	SOCKET-CONNECTOR (16-GA TO 18-GA)						
		3	9X-6772	5	STRAP-CABLE						
		3	9X-6856	12	PIN-CONNECTOR (16-GA TO 18-GA)						
		3	9X-6857	36	SOCKET-CONNECTOR (16-GA TO 18-GA)						
		3	9X-7146	1	PLUG AS-CONNECTOR (24-PIN)						
		3	065-5071	57	TERMINAL-BLADE						
		3	113-0580	1	RECEPTACLE AS-CONNECTOR (40-PIN)						
		3	113-5183	2	SOCKET-LAMP						
		3	113-5184	4	TERMINAL-RECEPTACLE (16-GA TO 18-GA)						
E		3	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (46-CM)						
E		3	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (80-CM)						
E		3	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (40-CM)						
		3	126-1774	1	COVER-CONNECTOR						
		3	2L-8066	3	TERMINAL-RING (10-GA TO 12-GA, NO. 10 SCREW)						
		3	128-4172	3	TERMINAL AS-RING (6-GA TO 8-GA)						
		3	2L-8071	4	TERMINAL-RING (10-GA TO 12-GA, 1/2-IN SCREW)						
		3	2L-8076	3	TERMINAL-RING (14-GA TO 16-GA, NO. 10 SCREW)						
		3	2L-8081	1	TERMINAL-RING (14-GA TO 16-GA, 1/2-IN SCREW)						
		3	5P-5618	1	TERMINAL-BLADE (10-GA TO 12-GA)						
		3	5P-4571	3	TERMINAL-BLADE (14-GA TO 16-GA)						
		3	097-7234	2	TERMINAL-BLADE (18-GA TO 22-GA)						
		3	155-2258	3	WEDGE-PLUG LOCK (12-PIN)						
		3	155-2259	4	WEDGE-PLUG LOCK (8-PIN)						
		3	155-2263	6	WEDGE-PLUG LOCK (6-PIN)						
		3	155-2255	3	KIT-CONNECTING PLUG (12-PIN)						
		3	155-2265	4	KIT-CONNECTING PLUG (8-PIN)						
		3	155-2260	6	KIT-CONNECTING PLUG (3-PIN)						
		3	155-2270	2	KIT-CONNECTING PLUG (2-PIN)						
		3	155-2271	3	KIT-CONNECTING PLUG (4-PIN)						
		3	155-2274	6	KIT-CONNECTING PLUG (6-PIN)						
					(EACH PLUG KIT INCLUDES PLUG AS AND WEDGE)						
		3	160-7689	1	PLUG AS-CONNECTOR (70-PIN)						
		3	274-3779	1	CAP-SEAL						
C	45	2	304-8652	1	HARNESS AS-LIGHTING (CAB FLOODLIGHTS)						
		2	102-8802	7	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)						
		2	7K-1181	1	STRAP-CABLE						
		2	186-3736	1	SOCKET-CONNECTOR (16-GA TO 18-GA)						
		2	8T-8737	14	PLUG-SEAL						
		2	9W-0844	21	SOCKET-CONNECTOR (14-GA)						
E		2	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (46-CM)						
		2	2L-8066	3	TERMINAL-RING (10-GA TO 12-GA, NO. 10 SCREW)						
		2	2L-8066	4	TERMINAL-RING (10-GA TO 12-GA, NO. 10 SCREW)						
		2	2L-8076	1	TERMINAL-RING (14-GA TO 16-GA, NO. 10 SCREW)						
		2	155-2270	11	KIT-CONNECTING PLUG (2-PIN) (INCLUDES PLUG AS AND WEDGE)						
C	46	4	305-5522	2	PLATE						

ELECTRICAL AND STARTING SYSTEM

261-0400 WIRING GP-CAB (contd.)

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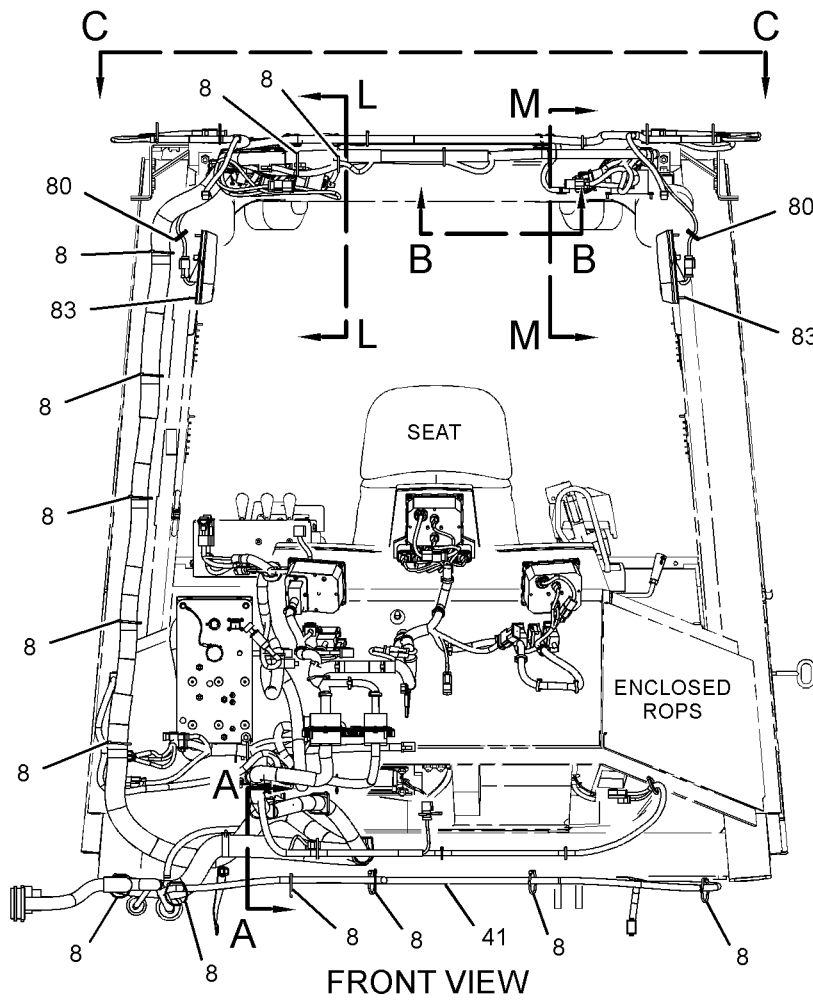
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	47	4	096-5962	4	WASHER-HARD (3.4X7X0.8-MM THK)						
	48	2	104-2091	2	SCREW-FLAT HEAD (6-20X0.5-IN)						
	49	4	132-5789	2	CLIP						
	50	3	219-9533	1	SWITCH AS-ROCKER (HYDRAULIC LOCKOUT)						
	51	5	220-8358	1	SWITCH AS-ROCKER (MODE SELECT)						
	52	2	223-8971	1	SWITCH AS-ROCKER (STAIRWAY ACCESS LIGHT)						
	53	2	223-8972	1	SWITCH AS-ROCKER (KICKOUT SET)						
	54	5	223-8982	1	SWITCH AS-ROCKER (THROTTLE LOCK ENABLE)						
C	55	4	3K-5178	1	GROMMET						
C	56	1,3	4B-2049	12	NUT (10-32-THD)						
	57	3,4	4P-7581	5	CLIP						
	58	4	4P-8134	1	CLIP						
M	59	4	5C-2890	1	NUT (M6X1-THD)						
M	60	4	5C-7261	4	NUT (M8X1.25-THD)						
M	61	4	5C-8312	4	NUT (M4X0.7-THD)						
	62	4	5P-4116	3	WASHER-HARD (8.8X20.5X2-MM THK)						
	63	4	5S-4245	4	SCREW-MACHINE (4-40X0.5-IN)						
	64	4	6B-4540	4	NUT (4-40-THD)						
C	65	1,3	6D-6146	6	SCREW-MACHINE (10-32X1.25-IN)						
	66	2,5	6V-2687	14	SCREW-PAN HEAD (10-24X1-IN)						
	67	3	6V-3341	1	GROMMET						
	68	3	7C-4354	1	CLIP						
	69	3	9W-1991	1	SPACER (10.7X17.1X40-MM THK)						
M	70	4	8T-0337	4	SCREW-MACHINE (M4X0.7X12-MM)						
	71	4	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	72	4	8T-4133	2	NUT (M10X1.5-THD)						
M	73	4	8T-4137	2	BOLT (M10X1.5X20-MM)						
CM	74	4	8T-4138	8	BOLT (M6X1X20-MM)						
M	75	3	8T-6869	1	BOLT (M8X1.25X60-MM)						
	76	4,5	8T-4205	11	WASHER-HARD (7.2X14.5X2-MM THK)						
	77	3,4,5	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)						
	78	3,4	8T-4224	2	WASHER-HARD (8.8X16X2-MM THK)						
M	79	3,4,5	8T-4244	4	NUT (M12X1.75-THD)						
	80	1	9G-2673	2	GROMMET						
C	81	1,3	9M-5870	6	GROMMET						
	82	4	7X-4743	1	GROMMET						
M	83	1,5	9X-1046	20	SCREW (M4X0.7X18-MM)						
M	84	4	9X-2480	2	BOLT (M6X1X45-MM)						
	85	4	9X-6165	2	WASHER (6.5X22X2.5-MM THK)						
CM	86	5	6V-7357	4	BOLT (M6X1X25-MM)						
	87	3	9X-6772	1	STRAP-CABLE						

C-CHANGE FROM PREVIOUS TYPE
D-ORDER BY THE METER
E-ORDER BY THE CENTIMETER
M-METRIC PART
R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

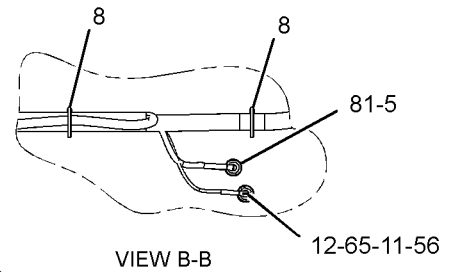
ELECTRICAL AND STARTING SYSTEM

261-0400 WIRING GP-CAB (contd.)

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REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



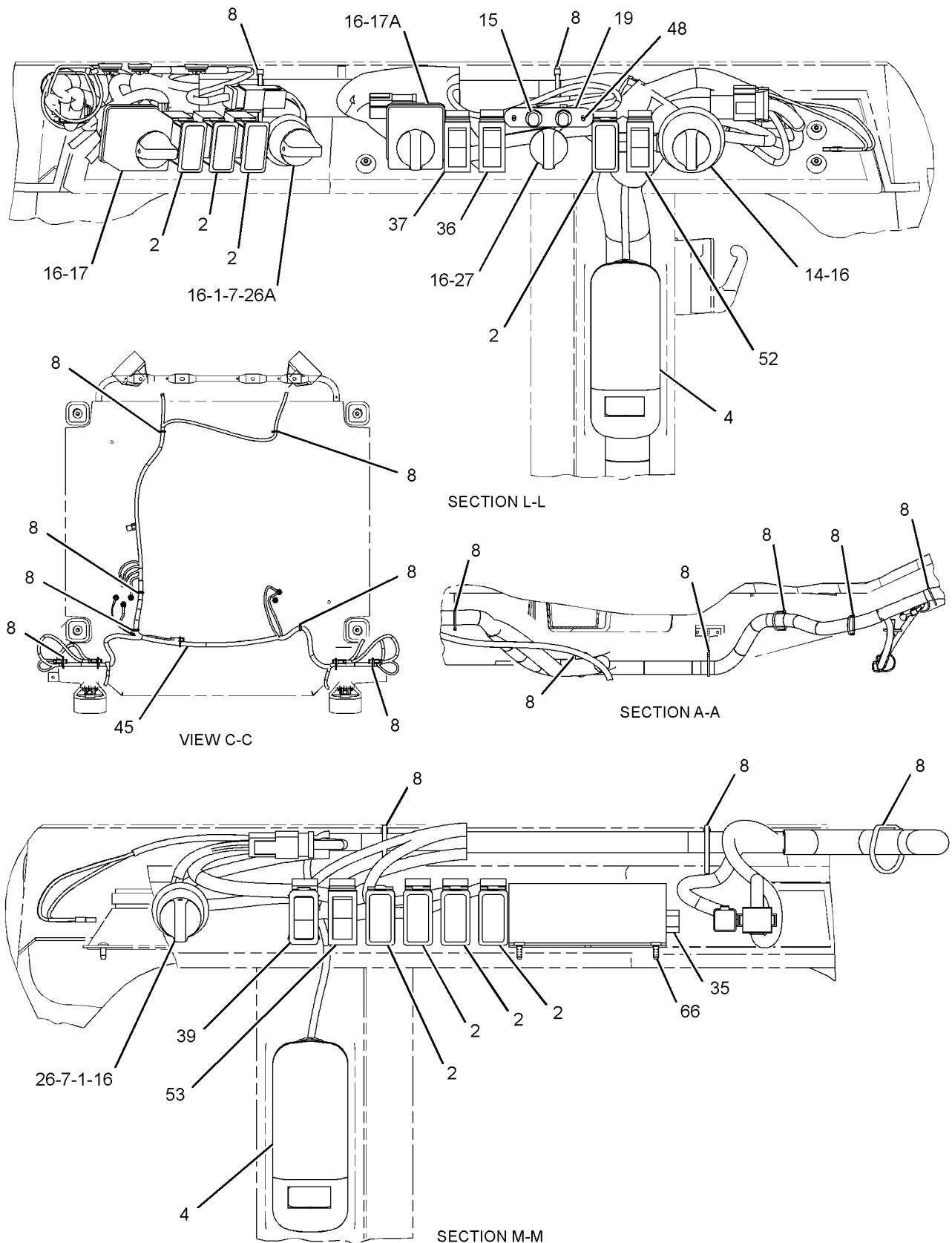
GRAPHIC #1

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ELECTRICAL AND STARTING SYSTEM

261-0400 WIRING GP-CAB (contd.)

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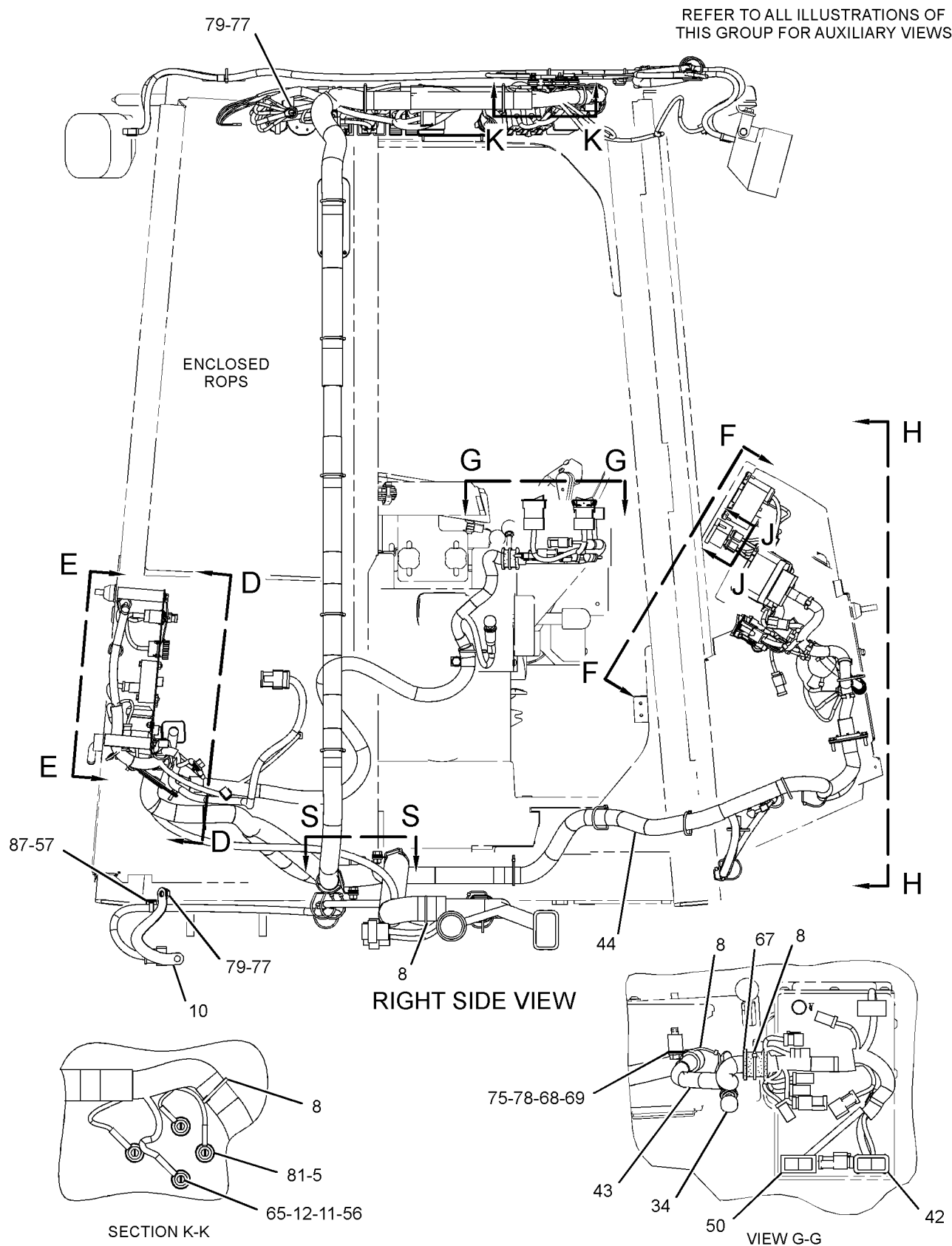
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ELECTRICAL AND STARTING SYSTEM

261-0400 WIRING GP-CAB (contd.)

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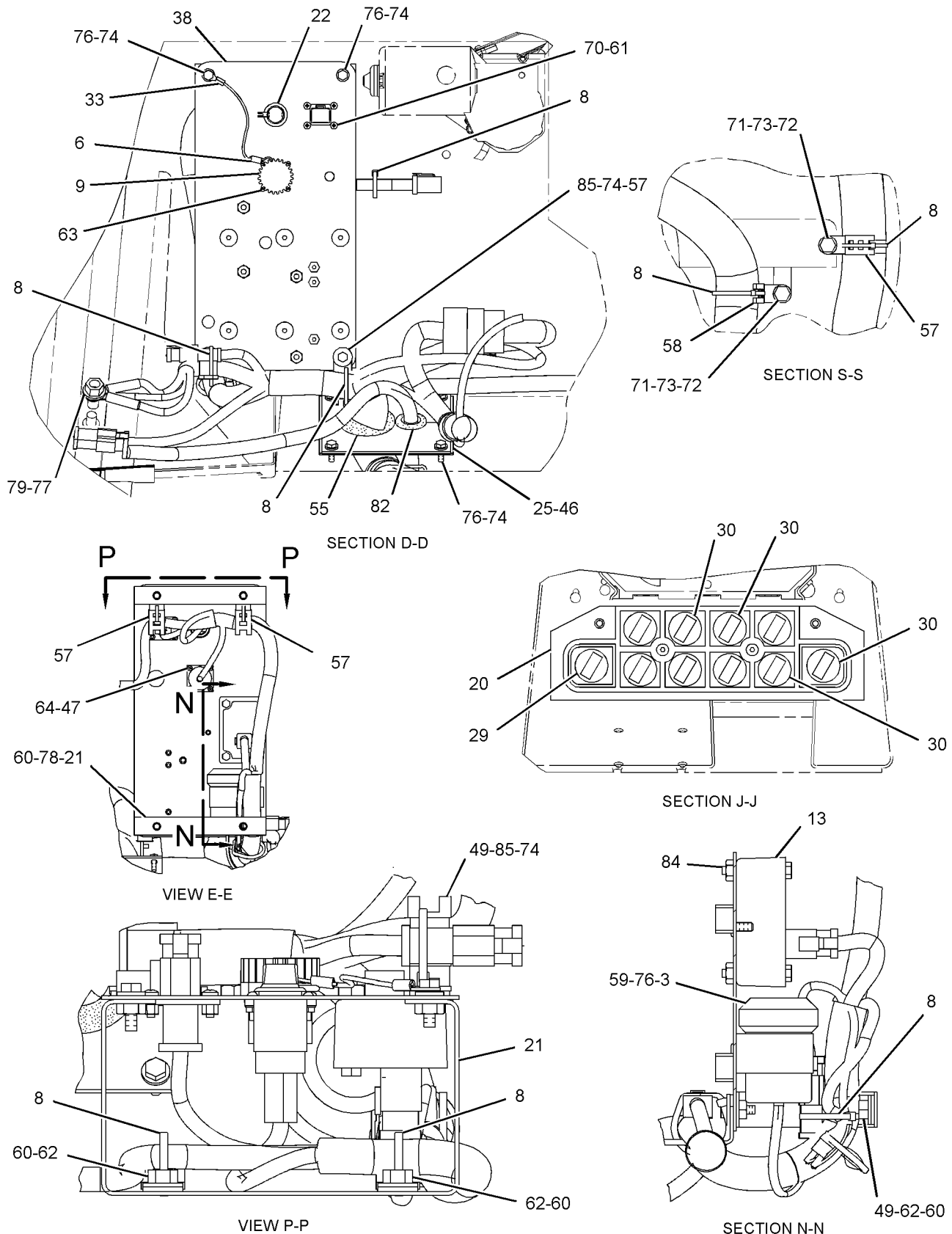
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ELECTRICAL AND STARTING SYSTEM

261-0400 WIRING GP-CAB (contd.)

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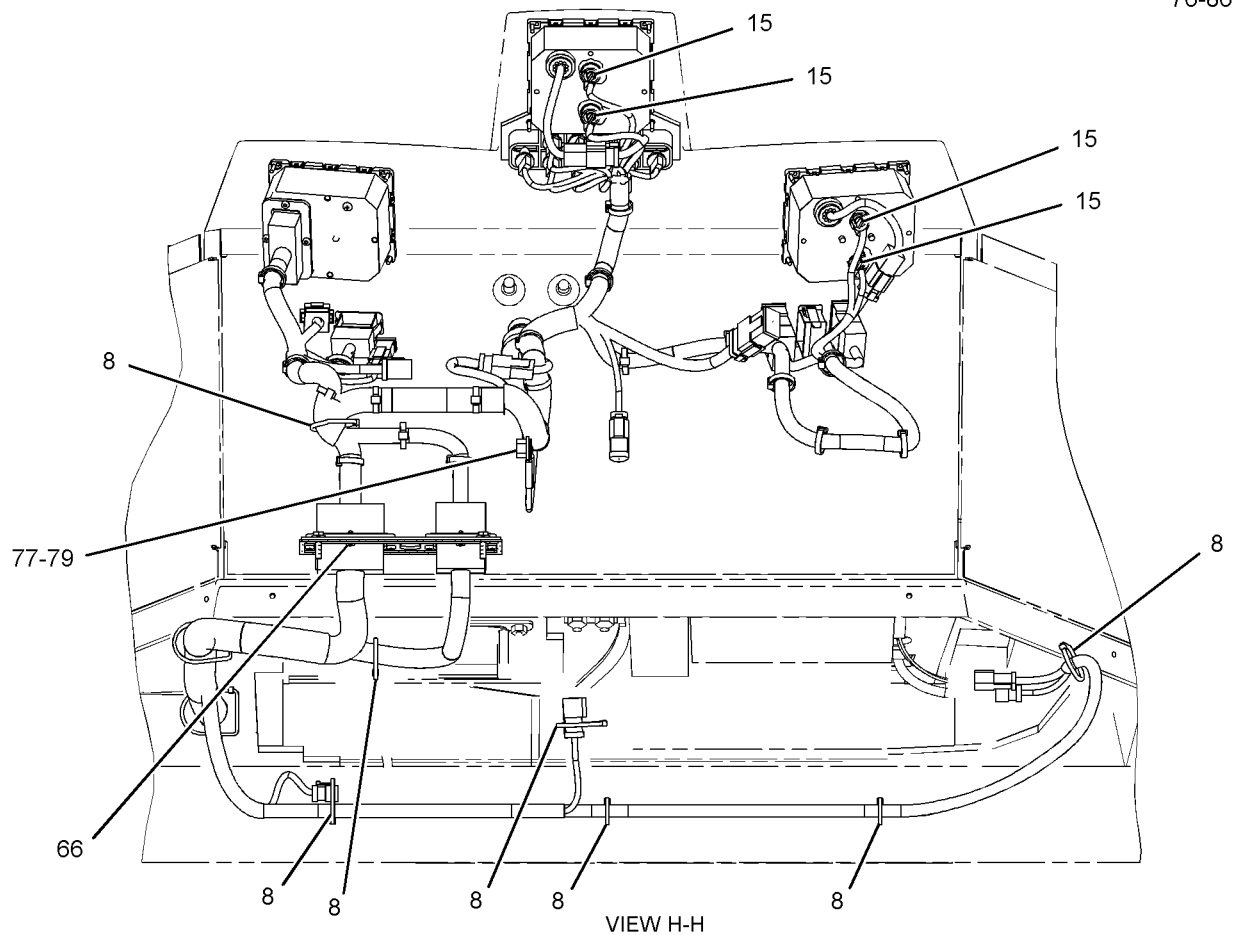
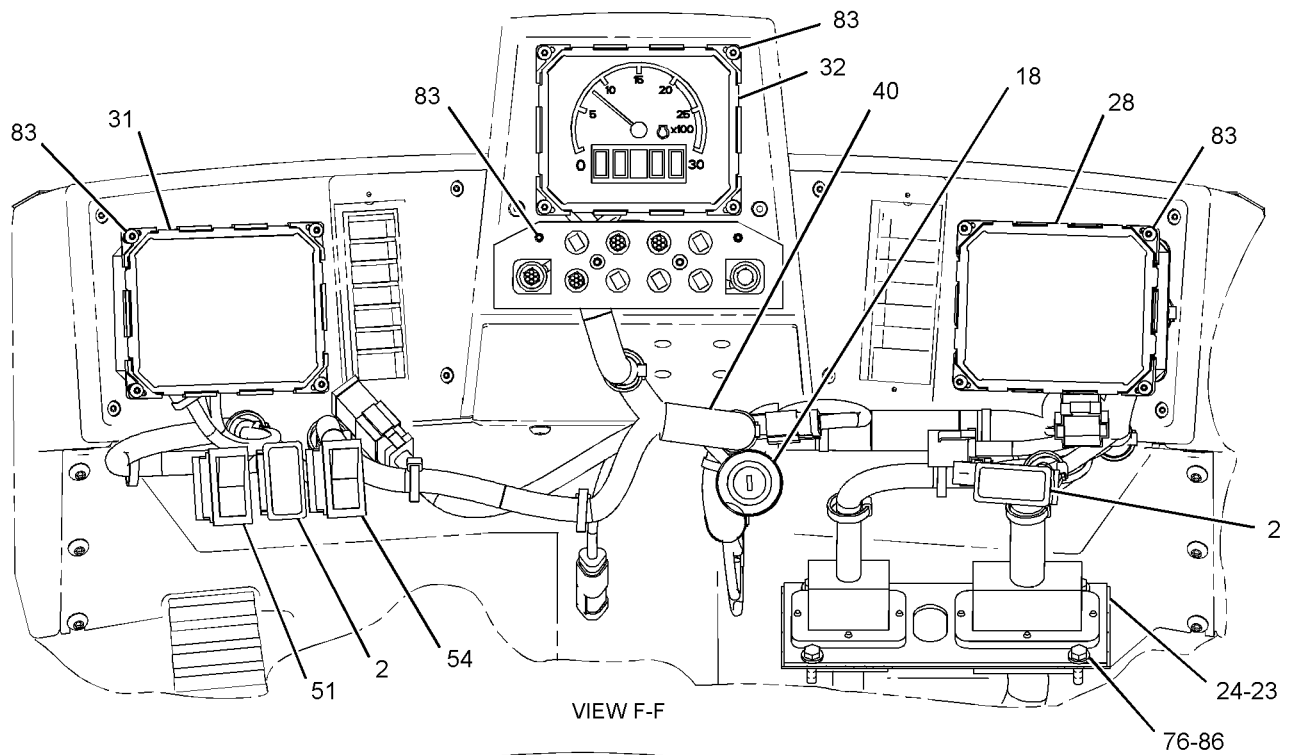
GRAPHIC #4

g01711701

ELECTRICAL AND STARTING SYSTEM

261-0400 WIRING GP-CAB (contd.)

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GRAPHIC #5

<END>

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ELECTRICAL AND STARTING SYSTEM

345-4460 WIRING GP-CAB

S/N: BXY4000-UP

PART OF 346-3826 CAB AR

SMCS-1408, 7301

i03814590

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	3E-6328	1	ALARM GP (24-VOLT)						275
Y	307-4671	2	CONTROL GP-HANDLE						1720
Y	103-5526	1	CONTROL GP-MONITOR (BACKLIGHT DIMMER)						1721
Y	3E-6389	2	LAMP GP-DOME (24-VOLT)						326
Y	166-6928	1	MODULE GP-QUAD GAUGE						1801
Y	275-7741	2	SWITCH GP-WIPER (24-VOLT, INTERMITTENT)						470
R	252-4501	1	CONTROL GP-UNPRGMED MONITOR (CATERPILLAR MONITORING SYSTEM)						
	198-6570	1	LIGHTER GP (12-VOLT)						
	198-6571	1	ELEMENT AS (CIGARETTE LIGHTER)						
	178-8583	1	MODULE GP-SPEEDOMETER & TACH						
	102-8805	1	KIT-RECEPTACLE (6-PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
	8T-8729	6	PIN-CONNECTOR (16-GA TO 18-GA)						
	236-4631	20	BEZEL						
M	5C-9553	2	BOLT (M6X1X16-MM)						
M	8T-4137	3	BOLT (M10X1.5X20-MM)						
M	8T-4138	12	BOLT (M6X1X20-MM)						
M	8T-4182	1	BOLT (M10X1.5X45-MM)						
M	9X-2480	2	BOLT (M6X1X45-MM)						
	4V-4164	12	BUSHING-TERMINAL						
	8C-6354	1	CAP-RECEPTACLE						
	4P-7581	4	CLIP						
	4P-8134	1	CLIP						
	132-5789	3	CLIP						
	156-6175	2	CLIP						
	209-0381	1	CONVERTER-POWER (24-VOLT TO 12-VOLT)						
	122-9854	1	GASKET						
	123-4627	1	GASKET						
	3K-5178	1	GROMMET						
	8R-3695	1	GROMMET						
	9G-2673	2	GROMMET						
	9M-5870	6	GROMMET						
	9P-0719	1	GROMMET						
	345-4455	1	HARNESS AS-CAB (MAIN)						
	8N-1521	1	BELL AS-END						
	8N-1535	1	BELL AS-END						
	274-3775	1	CAP-CONNECTOR						
	274-3777	3	CAP-CONNECTOR						
	274-3776	2	CAP-SEAL						
	274-3778	1	CAP-SEAL						
	274-3779	3	CAP-SEAL						
	123-7615	1	CONNECTOR						
	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
	155-2265	1	KIT-CONNECTING PLUG (8-PIN)						
	155-2260	6	KIT-CONNECTING PLUG (3-PIN)						
	155-2270	2	KIT-CONNECTING PLUG (2-PIN)						
	155-2271	4	KIT-CONNECTING PLUG (4-PIN)						
	155-2274	6	KIT-CONNECTING PLUG (6-PIN)						
	245-7434	11	KIT-CONNECTING PLUG (10-PIN) (EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
	197-7565	1	KIT-RECEPTACLE (4-PIN)						
	102-8802	1	KIT-RECEPTACLE (2-PIN)						

ELECTRICAL AND STARTING SYSTEM

345-4460 WIRING GP-CAB (contd.)

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NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	102-8803	1	KIT-RECEPTACLE (3-PIN)						
	102-8804	1	KIT-RECEPTACLE (4-PIN)						
			(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)						
	9X-3401	47	PIN-CONNECTOR (16-GA TO 18-GA)						
	9X-6856	13	PIN-CONNECTOR (16-GA TO 18-GA)						
	126-1767	5	PIN-CONNECTOR (14-GA)						
	7G-7917	20	PLUG-SEAL						
	8T-8737	99	PLUG-SEAL						
	160-7689	1	PLUG AS-CONNECTOR (70-PIN)						
	159-9322	1	SEAL-O-RING						
	160-7690	1	PLUG AS-CONNECTOR (70-PIN)						
	159-9322	1	SEAL-O-RING						
	3T-0203	1	PLUG AS-CONNECTOR (20-PIN)						
	8N-1514	1	PLUG AS-CONNECTOR (37-PIN)						
	9X-0141	1	PLUG AS-CONNECTOR (40-PIN)						
	3E-4367	1	RING-RETAINING						
M	3E-8557	1	BOLT (M5X0.8X39.37-MM)						
	9X-3490	2	SEAL-CONNECTOR (40-PIN)						
	9X-7146	1	PLUG AS-CONNECTOR (24-PIN)						
	3E-4367	1	RING-RETAINING						
M	3E-8558	1	BOLT (M5X0.8X39.37-MM)						
	9X-3265	2	SEAL-CONNECTOR (24-PIN)						
	9W-1951	1	RECEPTACLE-CONNECTOR (9-PIN)						
	113-0580	1	RECEPTACLE AS-CONNECTOR (40-PIN)						
	106-4155	1	KIT-BOLT (ELECTRICAL CONNECTORS)						
			(INCLUDES BOLT, RING & SEALS)						
	185-1861	72	SEAL-WIRE						
	9X-3402	227	SOCKET-CONNECTOR (16-GA TO 18-GA)						
	9X-6857	24	SOCKET-CONNECTOR (16-GA TO 18-GA)						
	126-1768	42	SOCKET-CONNECTOR (14-GA)						
	113-5183	2	SOCKET-LAMP						
	7K-1181	1	STRAP-CABLE						
	9X-6772	2	STRAP-CABLE						
	235-4123	44	TERMINAL						
	6V-0491	2	TERMINAL-BLADE (14-GA TO 18-GA)						
	113-5184	4	TERMINAL-RECEPTACLE (16-GA TO 18-GA)						
	130-6788	1	TERMINAL AS-BLADE						
	5P-4571	1	TERMINAL-BLADE (14-GA TO 16-GA)						
			-OR-						
	5P-5618	1	TERMINAL-BLADE (10-GA TO 12-GA)						
E	6V-9023		TUBE-HEAT SHRINK (12.7-MM DIA) (4-CM)						
	130-6790	2	TERMINAL AS-BLADE						
			(EACH INCLUDES)						
	097-7234	1	TERMINAL-BLADE (18-GA TO 22-GA)						
D	6V-2689		TUBE-HEAT SHRINK (6.35-MM DIA) (0.1-M)						
	131-1503	2	TERMINAL AS-RING						
			(EACH INCLUDES)						
	2L-8076	1	TERMINAL-RING						
			(14-GA TO 16-GA, NO. 10 SCREW)						
E	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (3-CM)						
	131-1507	4	TERMINAL AS-RING						
			(EACH INCLUDES)						
	2L-8081	1	TERMINAL-RING						
			(14-GA TO 16-GA, 1/2-IN SCREW)						
E	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (3-CM)						
	130-6789	3	TERMINAL AS-BLADE						
	5P-4571	1	TERMINAL-BLADE (14-GA TO 16-GA)						
			-OR-						
	7N-7221	1	TERMINAL-BLADE (18-GA TO 22-GA)						

ELECTRICAL AND STARTING SYSTEM

345-4460 WIRING GP-CAB (contd.)

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NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
D	6V-2689		TUBE-HEAT SHRINK (6.35-MM DIA) (0.1-M)						
	131-1492	1	TERMINAL AS-RING						
	2L-8054	1	TERMINAL-RING (6-GA, 1/2-IN SCREW)						
			-OR-						
	2L-8061	1	TERMINAL-RING (8-GA, 1/2-IN SCREW)						
E	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (4-CM)						
	131-1495	4	TERMINAL AS-RING						
			(EACH INCLUDES)						
	2L-8066	1	TERMINAL-RING (10-GA TO 12-GA, NO. 10 SCREW)						
E	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (4-CM)						
	131-1500	3	TERMINAL AS-RING						
	2L-8071	1	TERMINAL-RING (10-GA TO 12-GA, 1/2-IN SCREW)						
E	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (4-CM)						
D	5P-6006		TUBE-HEAT SHRINK (9.52-MM DIA) (0.1-M)						
E	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (170-CM)						
E	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (60-CM)						
	155-2258	4	WEDGE-PLUG LOCK (12-PIN)						
	155-2259	4	WEDGE-PLUG LOCK (8-PIN)						
	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)						
	3E-3377	2	WEDGE-RECEPTACLE LOCK (4-PIN)						
	345-4457	1	HARNESS AS-CAB						
	274-3776	1	CAP-SEAL						
	123-7615	1	CONNECTOR						
	155-2260	2	KIT-CONNECTING PLUG (3-PIN)						
	155-2270	2	KIT-CONNECTING PLUG (2-PIN)						
	155-2271	3	KIT-CONNECTING PLUG (4-PIN)						
	245-7434	4	KIT-CONNECTING PLUG (10-PIN)						
			(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
		102-8803	2	KIT-RECEPTACLE (3-PIN)					
			(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		9X-3401	4	PIN-CONNECTOR (16-GA TO 18-GA)					
	8T-8737	22	PLUG-SEAL						
	110-6845	1	PLUG AS-CONNECTOR (40-PIN)						
	110-6844	1	SEAL						
E	307-2338		SLEEVE (153-CM)						
	185-1861	26	SEAL-WIRE						
	9X-3402	40	SOCKET-CONNECTOR (16-GA TO 18-GA)						
	126-1768	2	SOCKET-CONNECTOR (14-GA)						
B	1P-0810	1	TAPE-ELECTRICAL						
	235-4123	26	TERMINAL						
	6V-0491	2	TERMINAL-BLADE (14-GA TO 18-GA)						
E	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (35-CM)						
E	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (10-CM)						
	3E-3371	2	WEDGE-RECEPTACLE LOCK (3-PIN)						
	345-4456	1	HARNESS AS-DASH						
	274-3774	1	CAP-CONNECTOR						
	274-3776	1	CAP-SEAL						
	274-3779	1	CAP-SEAL						
	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
	155-2270	2	KIT-CONNECTING PLUG (2-PIN)						
	155-2271	2	KIT-CONNECTING PLUG (4-PIN)						
	155-2274	3	KIT-CONNECTING PLUG (6-PIN)						
	245-7434	1	KIT-CONNECTING PLUG (10-PIN)						
			(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
		102-8803	1	KIT-RECEPTACLE (3-PIN)					

ELECTRICAL AND STARTING SYSTEM

345-4460 WIRING GP-CAB (contd.)

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NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	102-8806	1	KIT-RECEPTACLE (8-PIN)						
			(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)						
	9X-3401	65	PIN-CONNECTOR (16-GA TO 18-GA)						
	126-1767	1	PIN-CONNECTOR (14-GA)						
	8T-8737	24	PLUG-SEAL						
	8T-9834	1	PLUG AS-CONNECTOR (40-PIN)						
	3E-4367	1	RING-RETAINING						
M	3E-8557	1	BOLT (M5X0.8X39.37-MM)						
	9X-3132	2	SEAL-CONNECTOR (40-PIN)						
	9X-1343	1	RECEPTACLE AS-CONNECTOR (40-PIN)						
	9X-7145	1	RECEPTACLE AS-CONNECTOR (24-PIN)						
	185-1861	13	SEAL-WIRE						
	9X-3402	70	SOCKET-CONNECTOR (16-GA TO 18-GA)						
	107-1984	10	SOCKET-LAMP						
	113-5183	4	SOCKET-LAMP						
	235-4123	13	TERMINAL						
	113-5184	28	TERMINAL-RECEPTACLE (16-GA TO 18-GA)						
	131-1500	1	TERMINAL AS-RING						
	2L-8071	1	TERMINAL-RING (10-GA TO 12-GA, 1/2-IN SCREW)						
E	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (4-CM)						
	131-1507	1	TERMINAL AS-RING						
	2L-8081	1	TERMINAL-RING (14-GA TO 16-GA, 1/2-IN SCREW)						
E	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (3-CM)						
E	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (70-CM)						
E	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (15-CM)						
	3E-3389	1	WEDGE-RECEPTACLE LOCK (8-PIN)						
	155-2258	1	WEDGE-PLUG LOCK (12-PIN)						
	304-8652	1	HARNESS AS-LIGHTING (CAB FLOODLIGHTS)						
	155-2270	11	KIT-CONNECTING PLUG (2-PIN)						
			(EACH INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
	102-8802	7	KIT-RECEPTACLE (2-PIN)						
			(EACH INCLUDES RECEPTACLE AS & WEDGE)						
	8T-8737	14	PLUG-SEAL						
	8T-8730	1	SOCKET-CONNECTOR (16-GA TO 18-GA)						
	9W-0844	21	SOCKET-CONNECTOR (14-GA)						
	7K-1181	1	STRAP-CABLE						
	128-4165	3	TERMINAL AS-RING						
			(EACH INCLUDES)						
	2L-8066	1	TERMINAL-RING (10-GA TO 12-GA, NO. 10 SCREW)						
D	5P-6006		TUBE-HEAT SHRINK (9.52-MM DIA) (0.1-M)						
	131-1495	4	TERMINAL AS-RING						
			(EACH INCLUDES)						
	2L-8066	1	TERMINAL-RING (10-GA TO 12-GA, NO. 10 SCREW)						
E	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (4-CM)						
	131-1503	1	TERMINAL AS-RING						
	2L-8076	1	TERMINAL-RING (14-GA TO 16-GA, NO. 10 SCREW)						
E	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (3-CM)						
E	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (46-CM)						
	110-6109	6	KNOB-CONTROL (CONTROL PANEL SWITCHES)						
	110-2079	6	LAMP (24-VOLT)						
	163-1876	1	LAMP-LED (24-VOLT, RED)						
	163-1878	3	LAMP-LED (24-VOLT, YELLOW)						
	179-9392	1	LANYARD						
	2H-3920	2	LOCKWASHER						

ELECTRICAL AND STARTING SYSTEM

345-4460 WIRING GP-CAB (contd.)

i03814590

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	9F-8125	12	LOCKWASHER						
	110-4218	1	MODULE AS-LIGHT						
	204-8000	1	MOUNT (TIE WRAP)						
	4B-2049	12	NUT (10-32-THD)						
M	5C-2890	1	NUT (M6X1-THD)						
M	5C-7261	4	NUT (M8X1.25-THD)						
M	5C-8312	4	NUT (M4X0.7-THD)						
	6B-4540	4	NUT (4-40-THD)						
	6V-8369	2	NUT (7/16-28-THD)						
M	8T-4133	3	NUT (M10X1.5-THD)						
M	8T-4244	4	NUT (M12X1.75-THD)						
	228-9514	1	PANEL AS						
	5T-9020	6	LUG						
M	6V-9632	4	NUT-WELD (M6X1-THD)						
M	8T-8874	3	NUT-WELD (M5X0.8-THD)						
	122-4429	1	PLATE						
	305-5522	2	PLATE						
	350-9959	1	PLATE						
	228-6089	13	PLUG (ROCKER SWITCH)						
	291-2165	1	POTENTIOMETER AS (TEMPERATURE CONTROL)						
	102-8803	1	KIT-RECEPTACLE (3-PIN)						
			(INCLUDES RECEPTACLE AS & WEDGE)						
	186-3735	1	PIN-CONNECTOR (16-GA TO 18-GA)						
	236-8722	1	WASHER (10.5X22.2X1.6-MM THK)						
	143-5122	2	RESISTOR AS						
			(EACH INCLUDES)						
	102-8802	1	KIT-RECEPTACLE (2-PIN)						
			(INCLUDES RECEPTACLE AS & WEDGE)						
	8T-8729	2	PIN-CONNECTOR (16-GA TO 18-GA)						
M	9X-1046	20	SCREW (M4X0.7X18-MM)						
	104-2091	2	SCREW-FLAT HEAD (6-20X0.5-IN)						
M	7X-3319	2	SCREW-HEX SOCKET (M4X0.7X6-MM)						
	5S-4245	4	SCREW-MACHINE (4-40X0.5-IN)						
	6D-6146	6	SCREW-MACHINE (10-32X1.25-IN)						
M	8T-0337	4	SCREW-MACHINE (M4X0.7X12-MM)						
	6V-2687	12	SCREW-PAN HEAD (10-24X1-IN)						
	5P-7958	1	SLEEVE-CABLE SPLICE						
	117-2311	1	SOCKET-AUXILIARY POWER (12-VOLT)						
	2A-2677	1	SPACER (10.7X17.14X19.05-MM THK)						
	8X-5803	1	STRAP AS-GROUND						
	7K-1181	55	STRAP-CABLE						
	193-3973	1	STRAP-CABLE						
	112-5421	1	STRIP						
	113-0002	2	STRIP AS						
	170-1821	1	SWITCH AS-PUSH BUTTON						
	6F-0253	1	LOCKWASHER						
	172-3511	1	NUT (5/8-24-THD)						
	8T-8729	2	PIN-CONNECTOR (16-GA TO 18-GA)						
	263-1493	1	SWITCH AS-PUSH BUTTON						
	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
			(INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
	6F-0253	1	LOCKWASHER						
	172-3511	1	NUT (5/8-24-THD)						
	9X-3402	3	SOCKET-CONNECTOR (16-GA TO 18-GA)						
			-OR-						
	126-1768	3	SOCKET-CONNECTOR (14-GA)						
	265-8171	1	SWITCH AS-PUSH BUTTON						
	102-8803	1	KIT-RECEPTACLE (3-PIN)						
			(INCLUDES RECEPTACLE AS & WEDGE)						

ELECTRICAL AND STARTING SYSTEM

345-4460 WIRING GP-CAB (contd.)

i03814590

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	6F-0253	1	LOCKWASHER						
	172-3511	1	NUT (5/8-24-THD)						
	8T-8729	3	PIN-CONNECTOR (16-GA TO 18-GA)						
	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)						
	236-4608	1	SWITCH AS-ROCKER (MODE SELECT)						
	236-4610	1	SWITCH AS-ROCKER (AIR CONDITIONER, HEATER)						
	236-4611	1	SWITCH AS-ROCKER (FAN BLOWER SPEED)						
	243-0774	1	SWITCH AS-ROCKER (STAIRWAY ACCESS LIGHTS)						
	284-3623	1	SWITCH AS-ROCKER (HYDRAULIC LOCKOUT)						
	343-6501	1	SWITCH AS-ROCKER (ECONOMY CONTROL)						
	349-2530	1	SWITCH AS-ROCKER (KICKOUT SET)						
	349-2533	1	SWITCH AS-ROCKER (THROTTLE LOCK ENABLE)						
	108-3320	1	SWITCH AS-ROTARY (24-VOLT, 5-POSITION)						
	102-8806	1	KIT-RECEPTACLE (8-PIN)						
			(INCLUDES RECEPTACLE AS & WEDGE)						
	9W-0852	8	PIN-CONNECTOR (14-GA)						
	3E-3389	1	WEDGE-RECEPTACLE LOCK (8-PIN)						
	123-6383	2	SWITCH AS-ROTARY (24-VOLT, 4-POSITION)						
			(EACH INCLUDES)						
	102-8805	1	KIT-RECEPTACLE (6-PIN)						
			(INCLUDES RECEPTACLE AS & WEDGE)						
	9W-0852	5	PIN-CONNECTOR (14-GA)						
	8T-8737	1	PLUG-SEAL						
	3E-3383	1	WEDGE-RECEPTACLE LOCK (6-PIN)						
	110-7887	1	SWITCH AS-START (KEY)						
	102-8804	1	KIT-RECEPTACLE (4-PIN)						
			(INCLUDES RECEPTACLE AS & WEDGE)						
	7T-6799	1	NUT-MOUNTING (1-32-THD)						
	186-3735	4	PIN-CONNECTOR (16-GA TO 18-GA)						
	9X-6165	2	WASHER (6.5X22X2.5-MM THK)						
	098-8968	12	WASHER (5X16X1.2-MM THK)						
	5P-4116	3	WASHER-HARD (8.8X20.5X2-MM THK)						
	8T-4121	7	WASHER-HARD (11X21X2.5-MM THK)						
	8T-4205	13	WASHER-HARD (7.2X14.5X2-MM THK)						
	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)						
	8T-4224	1	WASHER-HARD (8.8X16X2-MM THK)						
	096-5962	4	WASHER-HARD (3.4X7X0.8-MM THK)						
	198-4775	2	WASHER-HARD (6.6X15X6-MM THK)						
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									
<END>									

ELECTRICAL AND STARTING SYSTEM

286-1092 WIRING GP-CAMERA

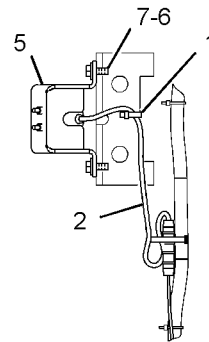
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PART OF 285-3575 CAMERA AR
AN ATTACHMENT

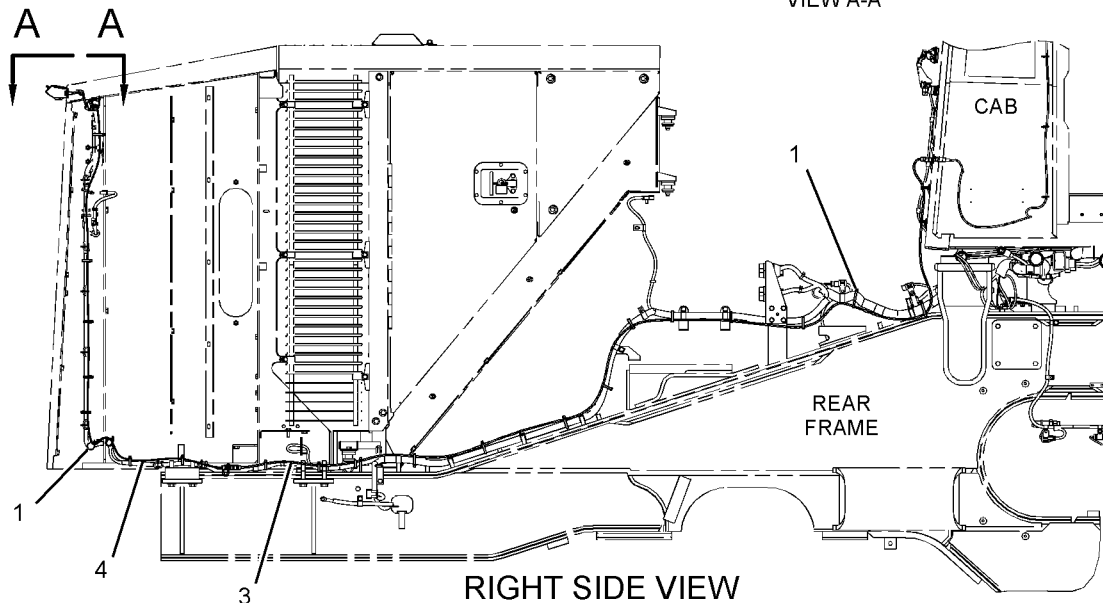
SMCS-1408, 7348

i02674604

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	1	2	3	4	5	6 (PRODUCT LEVEL)	SEE PAGE
	1	1	9X-6772	30	STRAP-CABLE						
J	2	1	251-4160	1	CAMERA GP (115-DEG, COLOR)						
	3	1	251-8248	1	CABLE AS-COMMUNICATION (CAMERA)						
	4	1	261-3223	1	CABLE AS-COAXIAL						
	5	1	290-0106	1	BRACKET						
	6	1	7X-7729	2	WASHER (11X25X3-MM THK)						
M	7	1	8T-4136	2	BOLT (M10X1.5X25-MM)						
					AVAILABLE REPAIR KIT(S):						
J			251-4162	1	KIT-BRACKET (CAMERA)						
					(KIT INCLUDES BRACKET, BOLTS, LOCK NUTS, GASKET, AND ALLENKEY)						
J-KIT MARKED J SERVICES PART MARKED J											
M-METRIC PART											



VIEW A-A



RIGHT SIDE VIEW

<END>

GRAPHIC #1

g01355855

ELECTRICAL AND STARTING SYSTEM

286-7272 WIRING GP-CAMERA

S/N: BXY1-UP

PART OF 285-3576 CAMERA AR
AN ATTACHMENT

SMCS-1408, 7348

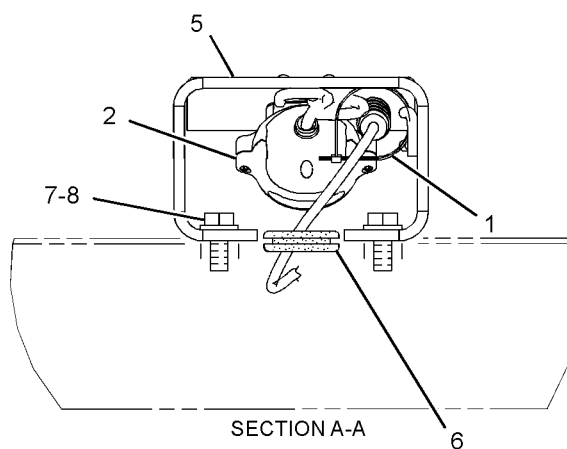
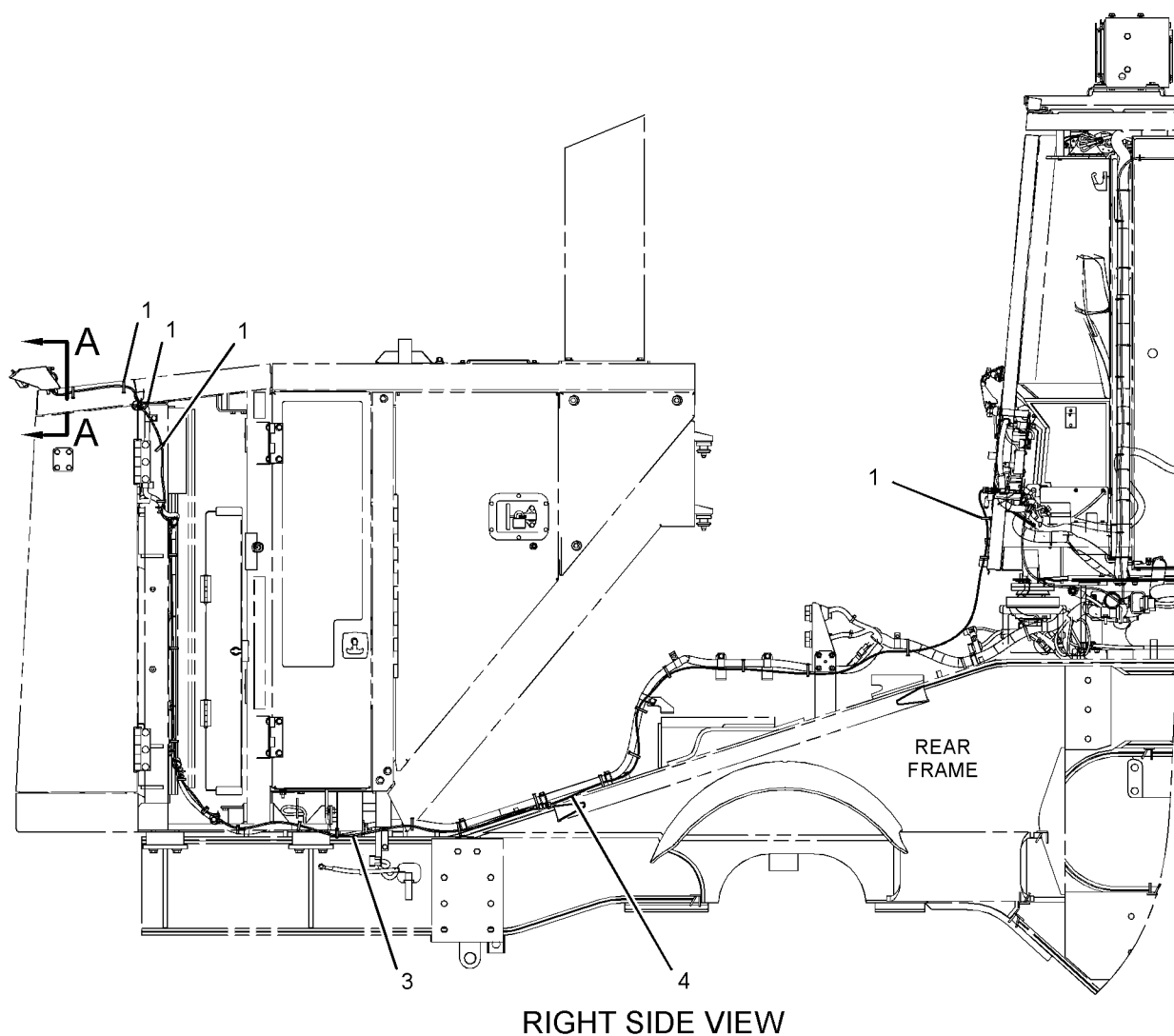
i02673344

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	9X-6772	32	STRAP-CABLE	
J	2	1	251-4160	1	CAMERA GP (115-DEG, COLOR)	
	3	1	251-8248	1	CABLE AS-COMMUNICATION (CAMERA)	
	4	1	261-3223	1	CABLE AS-COAXIAL	
	5	1	268-9063	1	BRACKET AS	
	6	1	2D-0388	1	GROMMET	
	7	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)	
M	8	1	8T-4136	4	BOLT (M10X1.5X25-MM)	
AVAILABLE REPAIR KIT(S):						
J			251-4162	1	KIT-BRACKET (CAMERA) (CAMERA)	
(INCLUDES BRACKET, GASKET, BOLTS, LOCKNUTS, AND 2.5-MM ALLENKEY)						
J-KIT MARKED J SERVICES PART MARKED J M-METRIC PART						

ELECTRICAL AND STARTING SYSTEM

286-7272 WIRING GP-CAMERA (contd.)

i02673344



GRAPHIC #1

g01353220

ELECTRICAL AND STARTING SYSTEM

271-9062 WIRING GP-COMMUNICATION-PRODUCT LINK 300

S/N: BXY1-2224

PART OF 271-8503, 271-9276 INSTALLATION AR-COMMUNICATION
AN ATTACHMENT

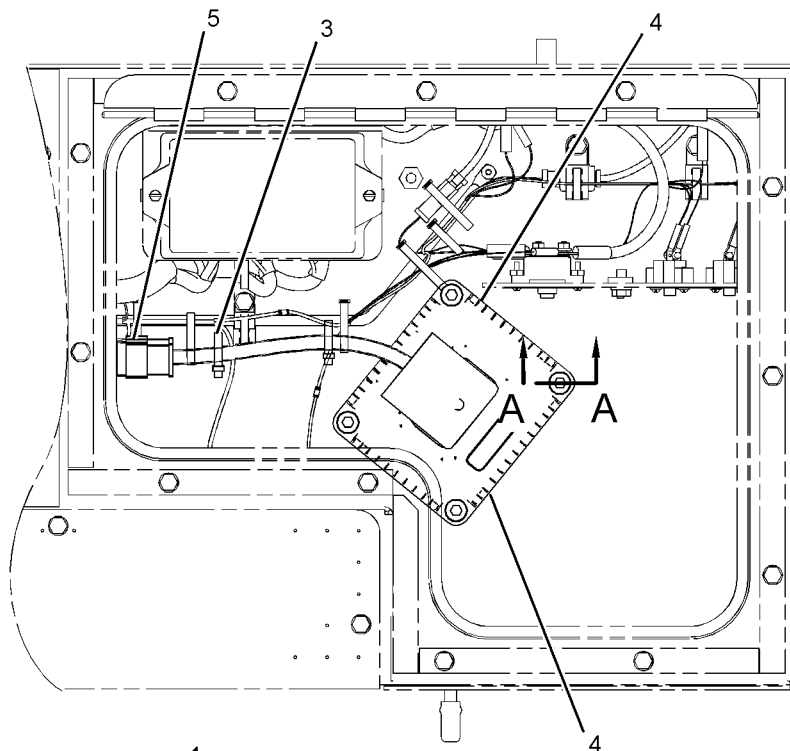
SMCS-1408, 7606

i02387622

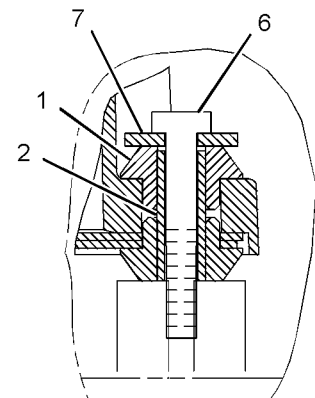
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	8C-5607	8	MOUNT-ISOLATION	
	2	1	8C-5608	4	SPACER (6.5X9.5X25.4-MM THK)	
	3	1	9X-6772	2	STRAP-CABLE	
Y	4	1	239-9954	1	CONTROL GP-UNPROGRAMMED (PRODUCT LINK 300) (PRODUCT LINK 300)	302
	5	1	270-6873	1	HARNESS AS-POWER	
		1	102-8801	1	KIT-RECEPTACLE (12-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
		1	9X-6772	2	STRAP-CABLE	
		1	126-1774	1	COVER-CONNECTOR	
		1	160-7690	1	PLUG AS-CONNECTOR (70-PIN)	
		1	159-9322	1	SEAL-O-RING	
M	6	1	8C-8451	4	BOLT (M6X1X40-MM)	
	7	1	9X-6165	4	WASHER (6.5X22X2.5-MM THK)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



TOP VIEW



SECTION A-A

GRAPHIC #1

<END>

g01187413

ELECTRICAL AND STARTING SYSTEM

271-9062 WIRING GP-COMMUNICATION-PRODUCT LINK 300

S/N: BXY2225-UP

PART OF 271-8503, 271-9276 INSTALLATION AR-COMMUNICATION
AN ATTACHMENT

SMCS-1408, 7606

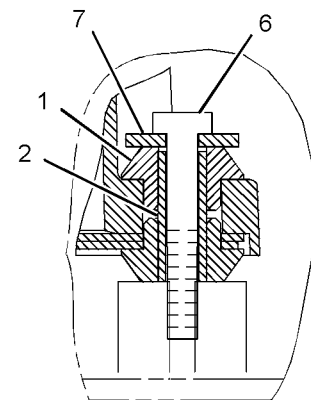
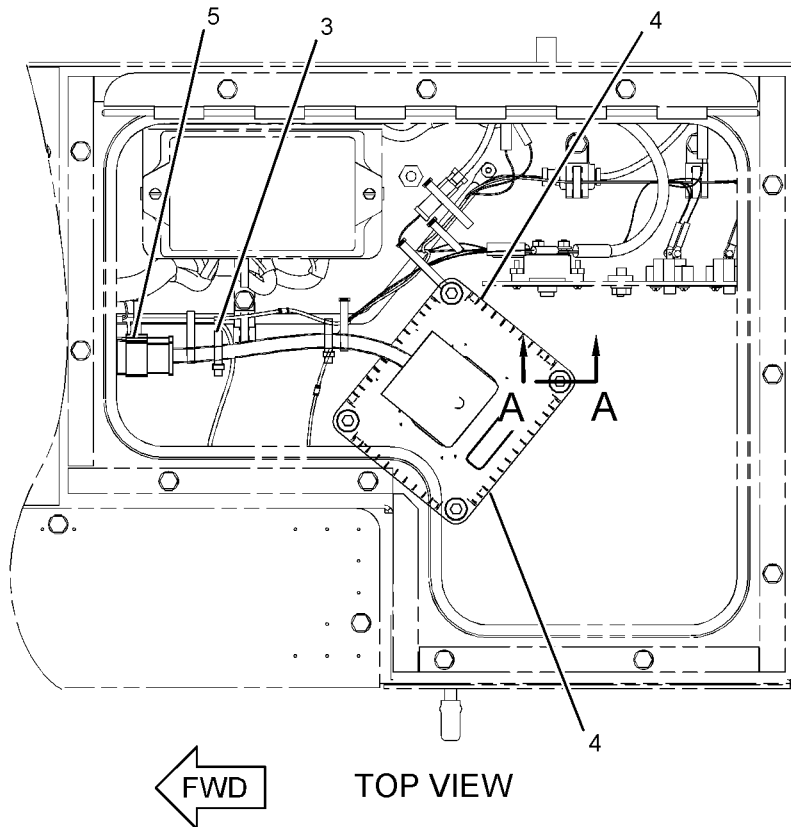
i02960053

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	8C-5607	8	MOUNT-ISOLATION	
	2	1	8C-5608	4	SPACER (6.5X9.5X25.4-MM THK)	
	3	1	9X-6772	2	STRAP-CABLE	
CY	4	1	262-1421	1	ELECTRONICS GP-COMMUNICATION (PRODUCT LINK 300)	306
	5	1	270-6873	1	HARNESS AS-POWER	
		1	102-8801	1	KIT-RECEPTACLE (12-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
		1	9X-6772	2	STRAP-CABLE	
		1	126-1774	1	COVER-CONNECTOR	
		1	160-7690	1	PLUG AS-CONNECTOR (70-PIN)	
		1	159-9322	1	SEAL-O-RING	
M	6	1	8C-8451	4	BOLT (M6X1X40-MM)	
	7	1	9X-6165	4	WASHER (6.5X22X2.5-MM THK)	

C-CHANGE FROM PREVIOUS TYPE

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01187413

ELECTRICAL AND STARTING SYSTEM

309-2726 WIRING GP-ELECTROHYDRAULIC

S/N: BXY4000-UP

PART OF 337-0870 ELECTRICAL AR

SMCS-5734

i03750976

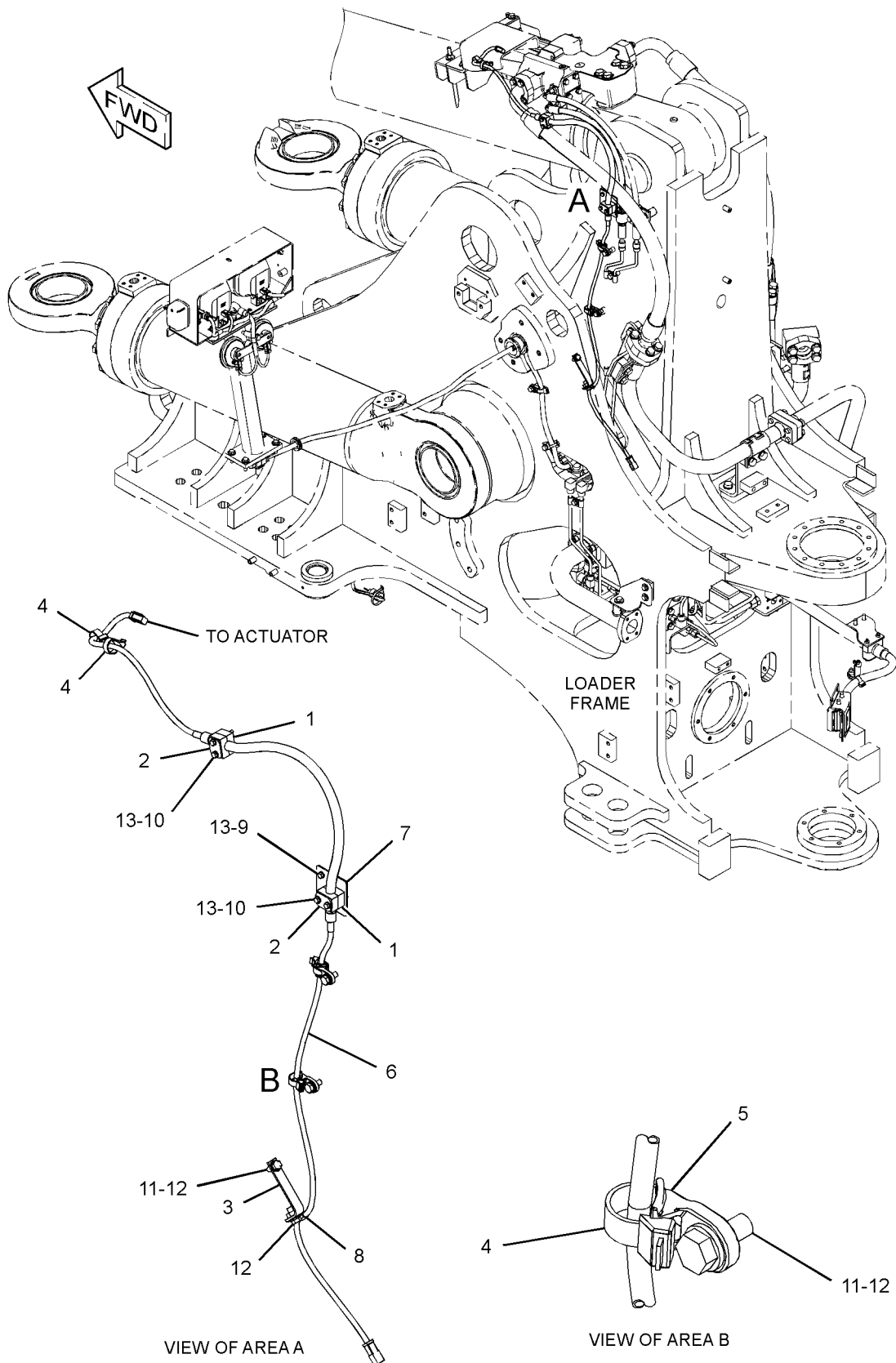
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4V-1939	4	CLAMP						
	2	1	107-4749	2	PLATE						
	3	1	174-4613	1	ANGLE AS						
	4	1	204-2281	4	STRAP-TIE						
	5	1	204-8000	2	MOUNT (TIE WRAP)						
	6	1	309-2727	1	HARNESS AS-VALVE						
G		1	9X-2383		HOSE (27.2-IN)						
		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)						
		1	9X-3401	2	PIN-CONNECTOR (16-GA TO 18-GA)						
E		1	114-8843		SLEEVE-PLASTIC (40-CM)						
		1	9X-3402	2	SOCKET-CONNECTOR (16-GA TO 18-GA)						
D		1	6V-2722		TUBE-HEAT SHRINK (0.1-M)						
	7	1	327-1154	1	PLATE AS						
	8	1	5P-9085	1	CLIP						
M	9	1	6V-8837	2	BOLT (M6X1X16-MM)						
M	10	1	7X-2534	4	BOLT (M6X1X50-MM)						
	11	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	12	1	8T-4136	4	BOLT (M10X1.5X25-MM)						
	13	1	9X-8256	6	WASHER (6.6X12X2-MM THK)						

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

ELECTRICAL AND STARTING SYSTEM

309-2726 WIRING GP-ELECTROHYDRAULIC (contd.)

i03750976



GRAPHIC #1

<END>

g02033598

ELECTRICAL AND STARTING SYSTEM

329-9288 WIRING GP-ELECTROHYDRAULIC

S/N: BXY2733-UP

PART OF 2Q-8749, 2Q-8752, 2Q-8753 STEEL MILL AR
AN ATTACHMENT

SMCS-5734

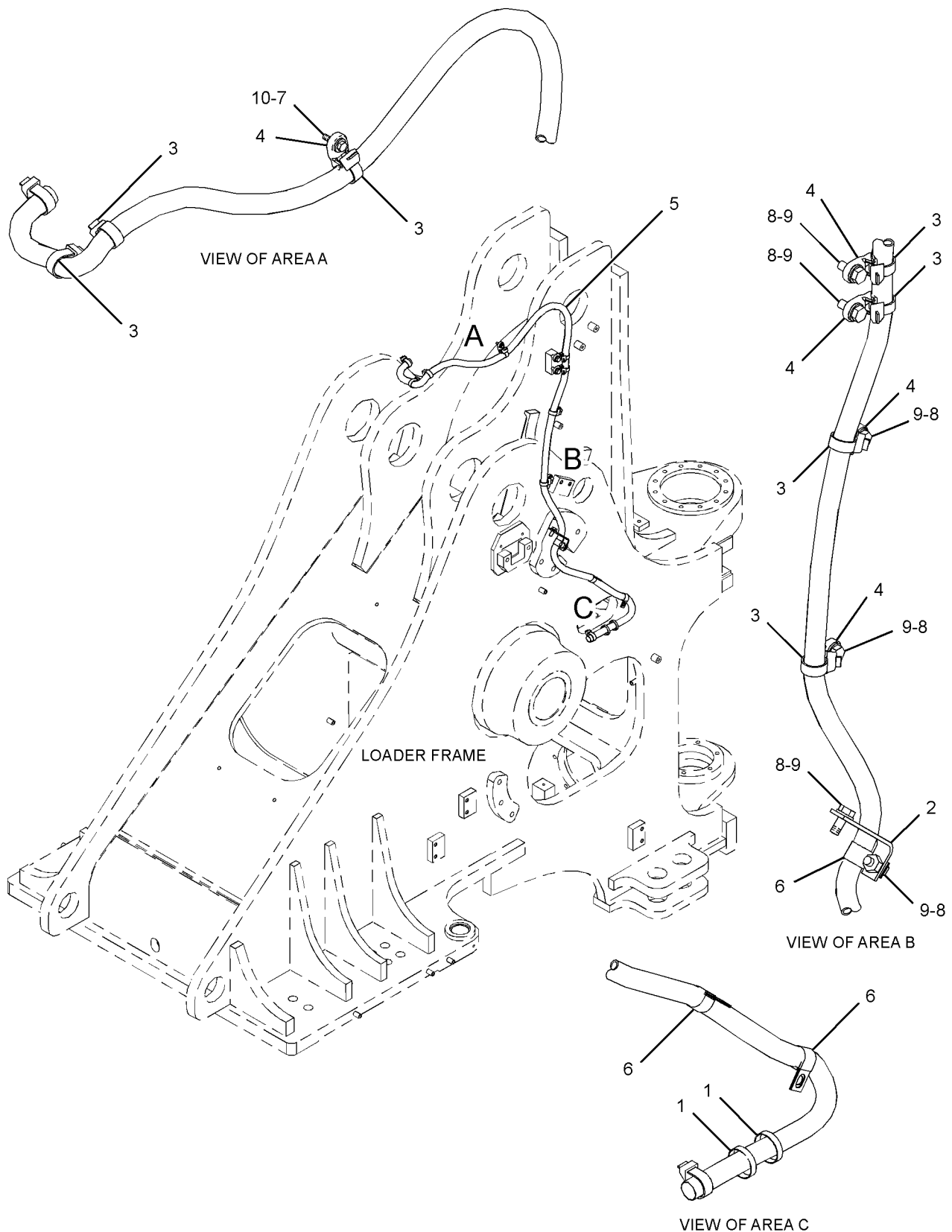
i03357561

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-6772	2	STRAP-CABLE						
	2	1	174-4613	1	ANGLE AS						
	3	1	204-2281	7	STRAP-TIE						
	4	1	204-8000	5	MOUNT (TIE WRAP)						
	5	1	329-9287	1	HARNESS AS-VALVE						
	6	1	6D-4246	3	CLIP						
M	7	1	6V-7357	1	BOLT (M6X1X25-MM)						
	8	1	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)						
M	9	1	8T-4136	6	BOLT (M10X1.5X25-MM)						
	10	1	8T-4224	1	WASHER-HARD (8.8X16X2-MM THK)						
M-METRIC PART											

ELECTRICAL AND STARTING SYSTEM

329-9288 WIRING GP-ELECTROHYDRAULIC (contd.)

i03357561



GRAPHIC #1

<END>

g01766314

ELECTRICAL AND STARTING SYSTEM

257-0051 WIRING GP-ELECTRONICS BAY

S/N: BXY1-UP

PART OF 225-5452 ELECTRICAL AR

SMCS-1408, 7610, 7620

i02742116

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3E-5239	1	RELAY AS (24-VOLT) (FRONT CAB FLOODLIGHTS)						
	1A	1	3E-5239	1	RELAY AS (24-VOLT) (CAB HID FLOODLIGHTS)						
	1B	1	3E-5239	1	RELAY AS (24-VOLT) (FRONT MACHINE FLOODLIGHTS)						
	1C	1	3E-5239	1	RELAY AS (24-VOLT) (MACHINE HID FLOODLIGHTS)						
	1D	1	3E-5239	1	RELAY AS (24-VOLT) (INSTRUMENT PANEL BACKLIGHTS)						
	1E	1	3E-5239	1	RELAY AS (24-VOLT) (HORN)						
	2	2, 3	6I-1418	10	SPACER (8.2X12.7X28.7-MM THK)						
	3	5	7V-9275	1	STRAP						
	4	2	8T-9655	16	MOUNT-ISOLATION						
	5	2	9G-4224	2	RECEPTACLE						
	6	4	9G-8451	1	BLOCK AS						
		4	1H-3244	1	LOCKWASHER						
		4	4B-4276	2	WASHER (7X16X1.6-MM THK)						
		4	4L-7124	1	BOLT (1/4-20X1.25-IN)						
		4	6V-8185	2	NUT (1/4-20-THD)						
	7	2, 3	9X-6772	21	STRAP-CABLE						
	8	5	115-9346	1	PLATE-IDENTIFICATION (CIRCUIT BREAKER)						
Y	9	3	125-1302	1	SWITCH GP-MAGNETIC (24-VOLT) (START RELAY)						456
	10	3	141-8698	1	WIRE AS						
	11	3	142-0358	1	TUBE						
	12	3	144-2223	1	GASKET						
	13	2	164-3765	2	RETAINER						
	14	2	164-3766	2	SCREW						
	15	1	170-9372	1	COVER						
YR	16	3	172-9391	1	CONTROL GP-UNPROGRAMMED (IMPLEMENT)						300
	17	1	226-1236	1	WIRE AS						
	18	1	231-6558	1	PLATE AS						
	19	4	232-7562	3	HARNESS AS-POWER (MAIN RELAY) (EACH INCLUDES)						
		4	1S-9593	5	STRAP-CABLE						
	20	3	233-2545	1	FILM-FUSE PANEL						
Y	21	3	241-8368	1	SWITCH GP-MAGNETIC (24-VOLT) (MAIN RELAY)						457
	22	3	257-0053	1	HARNESS AS-CONTROL (ELECTRONICS BAY)						
		3	102-8802	1	KIT-RECEPTACLE (2-PIN)						
		3	102-8801	2	KIT-RECEPTACLE (12-PIN)						
		3	177-9645	1	KIT-RECEPTACLE (2-PIN) (EACH KIT INCLUDES RECEPTACLE AS AND WEDGE)						
		3	3E-5519	2	PLUG AS-CONNECTOR (5-PIN)						
		3	110-6846	2	PLUG AS-CONNECTOR (40-PIN)						
		3	3T-3410	2	RECEPTACLE AS-CONNECTOR (37-PIN)						
		3	8N-1513	2	RECEPTACLE AS-CONNECTOR (37-PIN)						
		3	8N-1517	1	RECEPTACLE AS-CONNECTOR (25-PIN)						
		3	8N-1519	1	RECEPTACLE AS-CONNECTOR (12-PIN)						
		3	9X-1054	4	PLUG AS-CONNECTOR (4-PIN)						
		3	9X-6772	50	STRAP-CABLE						
		3	110-6848	2	PLUG AS-CONNECTOR (40-PIN)						
		3	115-3082	2	JUNCTION BLOCK						
		3	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
		3	155-2265	1	KIT-CONNECTING PLUG (8-PIN)						
		3	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
		3	177-9648	1	KIT-CONNECTING PLUG (2-PIN) (EACH KIT INCLUDES PLUG AS AND WEDGE)						
	23	5	260-3198	1	PLATE						
	24	5	260-8638	1	PLATE-IDENTIFICATION (BREAKER PANEL)						

ELECTRICAL AND STARTING SYSTEM

257-0051 WIRING GP-ELECTRONICS BAY (contd.)

i02742116

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	25	1	261-3770	1	ENCLOSURE AS-ELECTRONICS BAY	
	26	1	261-9418	1	COVER AS-ELECTRONICS BAY (CENTER)	
	27	1	261-9420	1	COVER AS-ELECTRONICS BAY (FRONT)	
Y	28	1	261-9434	1	COVER GP-ELECTRONICS BAY (REAR)	907
	29	4	262-4158	1	HARNESS AS-PANEL (RELAY)	
		4	102-8806	1	KIT-RECEPTACLE (8-PIN)	
		4	102-8801	1	KIT-RECEPTACLE (12-PIN)	
					(EACH KIT INCLUDES RECEPTACLE AS AND WEDGE)	
		4	8T-8737	6	PLUG-SEAL	
		4	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
					(INCLUDES PLUG AS AND WEDGE)	
	30	2	033-8248	2	CLIP	
	31	1	107-3727	4	SCREW-PAN HEAD	
	32	4	130-5300	1	CLIP	
	33	5	171-2205	1	CIRCUIT BREAKER AS (40-AMPERE) (ALTERNATOR)	
		5	6V-8187	2	NUT (1/4-28-THD)	
		5	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)	
		5	253-2111	2	LOCKWASHER	
	34	5	171-2212	1	CIRCUIT BREAKER AS (105-AMPERE) (MAIN)	
		5	6V-8187	2	NUT (1/4-28-THD)	
		5	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)	
		5	253-2111	2	LOCKWASHER	
YR	35	3	172-9389	1	CONTROL GP-UNPROGRAMMED (POWER TRAIN)	299
	36	5	3D-9799	6	SCREW-MACHINE (8-32X0.875-IN)	
	37	3	3K-8782	13	FUSE (10-AMPERE)	
	38	5	3T-2662	1	CIRCUIT BREAKER AS (15-AMPERE) (RUNNING LIGHTS)	
		5	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)	
		5	9B-7233	2	LOCKWASHER	
	39	5	4B-1240	4	SCREW-MACHINE (10-32X1-IN)	
	40	1	4B-4274	4	WASHER (5.5X13X1.2-MM THK)	
	41	5	4B-4863	4	WASHER (4.7X11X1.2-MM THK)	
	42	3	4K-5122	18	HOLDER AS-FUSE	
					(EACH INCLUDES)	
		3	139-0178	1	CAP	
	43	2, 3, 4	4P-7581	5	CLIP	
	44	3	4P-8134	2	CLIP	
M	45	4	5C-2890	2	NUT (M6X1-THD)	
	46	4	5P-4115	2	WASHER-HARD (7.2X19X2-MM THK)	
	47	5	6T-3642	1	CIRCUIT BREAKER AS (10-AMPERE) (KEY SWITCH)	
		5	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)	
		5	9B-7233	2	LOCKWASHER	
	48	5	6T-3643	1	CIRCUIT BREAKER AS (15-AMPERE) (ENGINE ECM)	
		5	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)	
		5	9B-7233	2	LOCKWASHER	
M	49	2	7X-0818	6	BOLT (M8X1.25X45-MM)	
	50	3	8M-0456	1	FUSE (20-AMPERE)	
	51	3	8M-8948	4	FUSE (15-AMPERE)	
M	52	3	8T-3647	2	BOLT (M8X1.25X80-MM)	
	53	1, 2, 3, 4, 5	8T-4121	34	WASHER-HARD (11X21X2.5-MM THK)	
M	54	1	8T-4136	24	BOLT (M10X1.5X25-MM)	
M	55	2, 3, 4, 5	8T-4137	7	BOLT (M10X1.5X20-MM)	
M	56	4	8T-4138	2	BOLT (M6X1X20-MM)	
M	57	1	8T-4196	3	BOLT (M10X1.5X35-MM)	
	58	2	8T-4223	3	WASHER-HARD (13.5X25.5X3-MM THK)	
	59	3	8T-4224	2	WASHER-HARD (8.8X16X2-MM THK)	
M	60	2	8T-4244	3	NUT (M12X1.75-THD)	
	61	2	9N-0869	8	WASHER-HARD (8.8X25.5X2-MM THK)	

ELECTRICAL AND STARTING SYSTEM

257-0051 WIRING GP-ELECTRONICS BAY (contd.)

i02742116

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
M	62	1, 3	9X-2042	14	SCREW-TRUSS HEAD (M6X1X12-MM)	
	63	4	9X-8256	2	WASHER (6.6X12X2-MM THK)	
B	64	3	177-4122		SEAL	
	65	1	3T-2511	1	TUBE	

B-USE AS REQUIRED

M-METRIC PART

R-REMFG PART MAY BE AVAILABLE

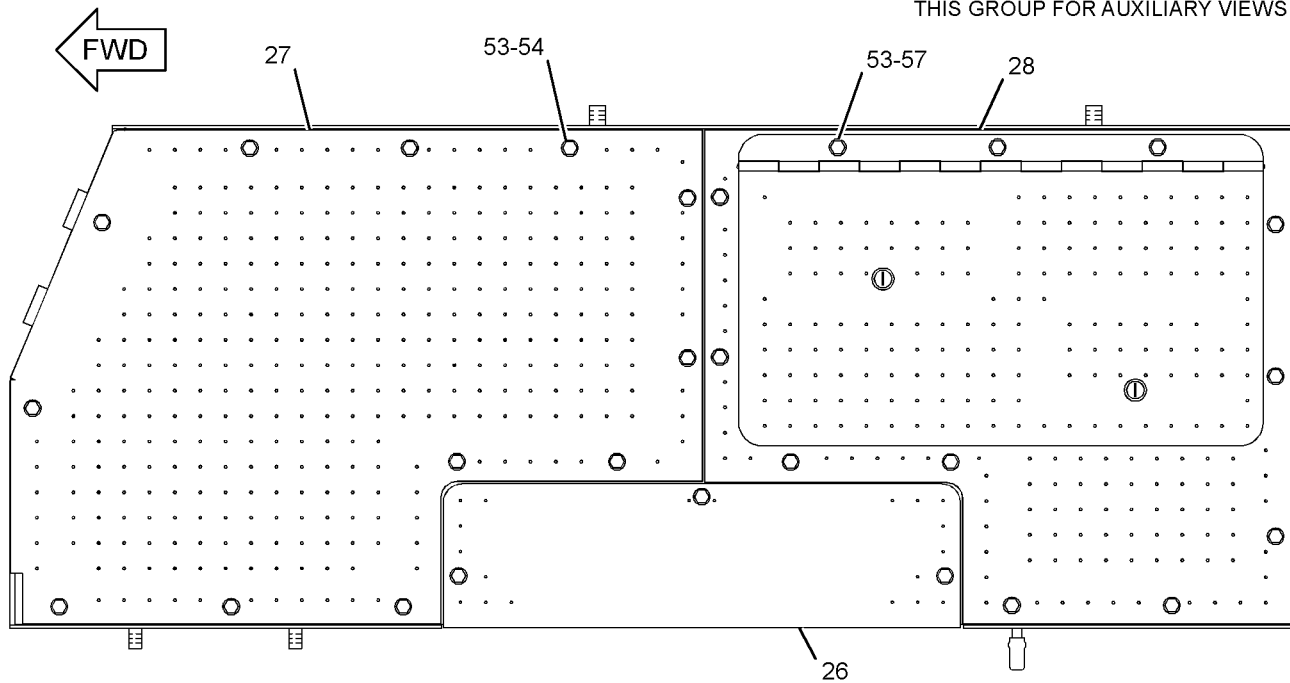
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ELECTRICAL AND STARTING SYSTEM

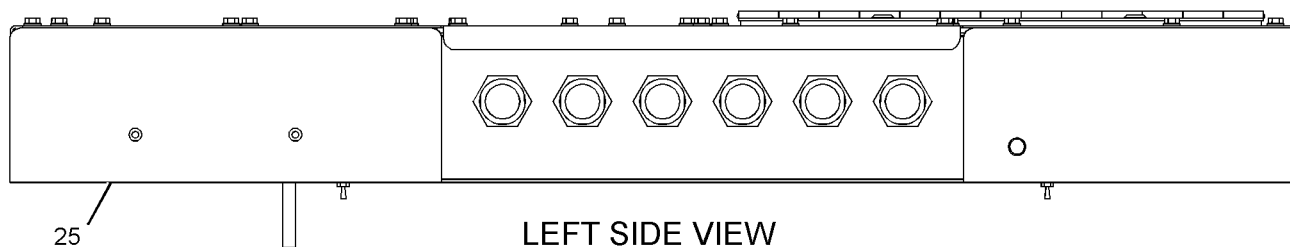
257-0051 WIRING GP-ELECTRONICS BAY (contd.)

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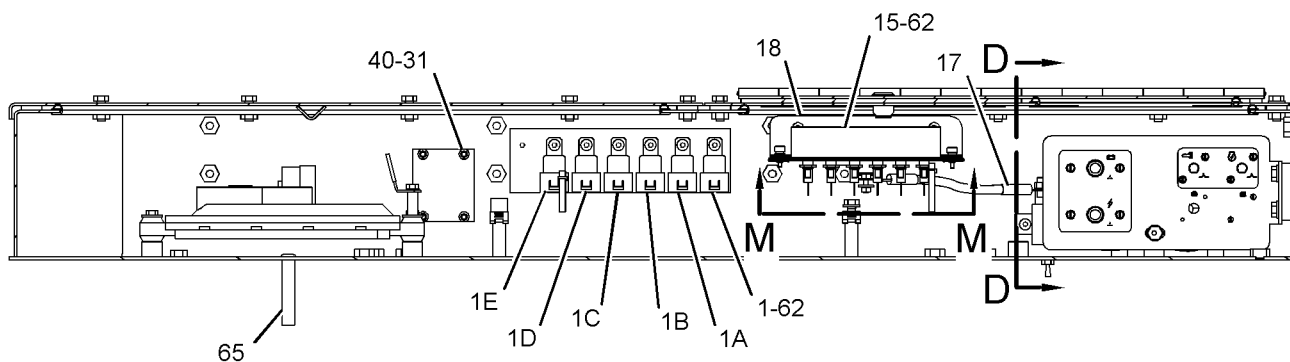
REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



TOP VIEW



LEFT SIDE VIEW



SECTION E-E

GRAPHIC #1

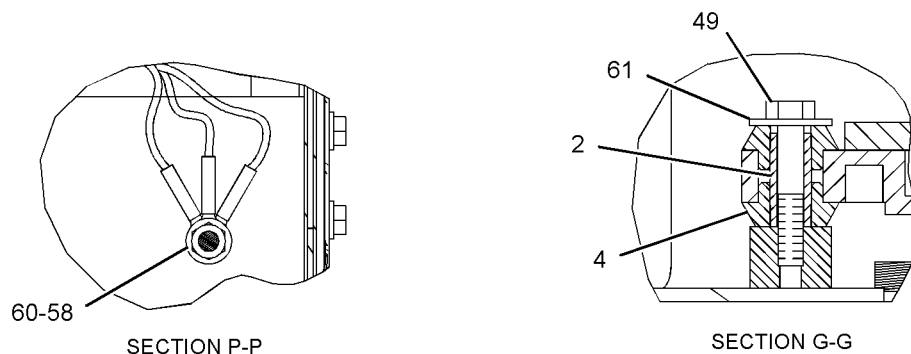
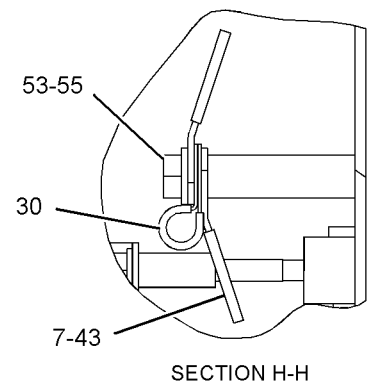
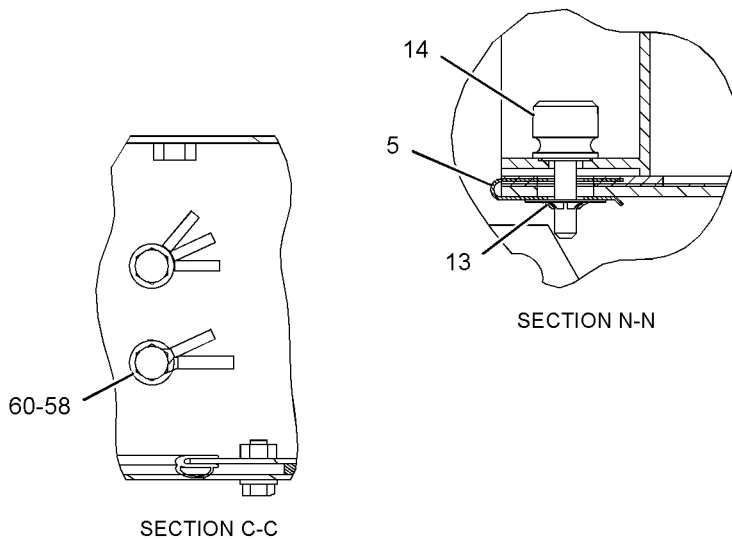
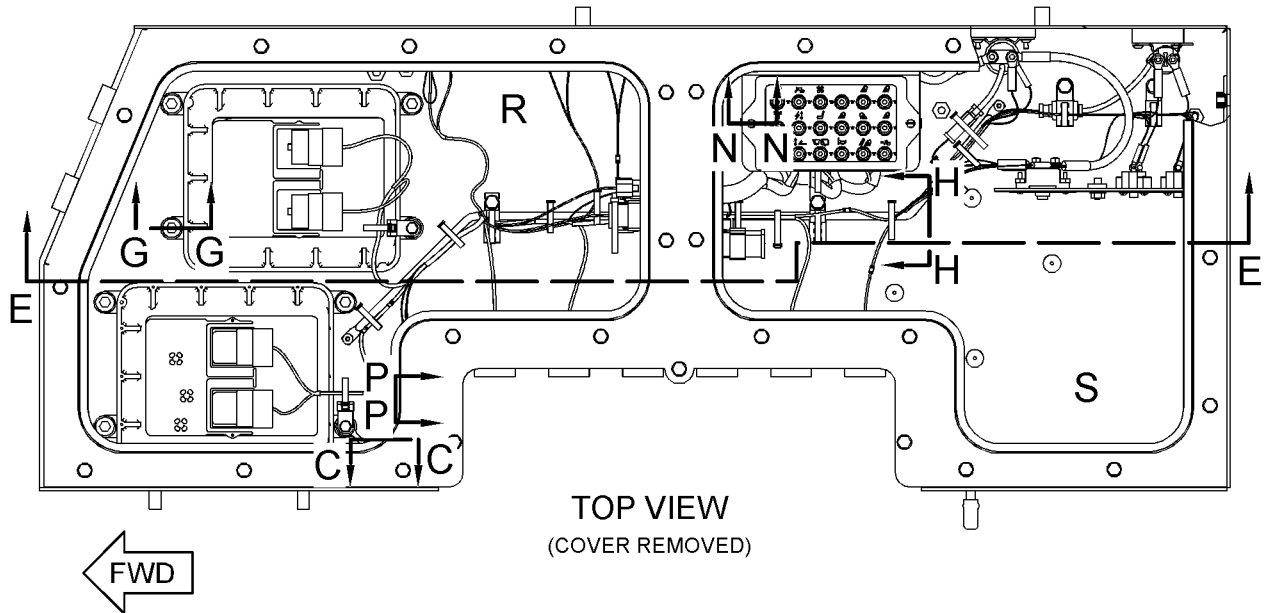
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ELECTRICAL AND STARTING SYSTEM

257-0051 WIRING GP-ELECTRONICS BAY (contd.)

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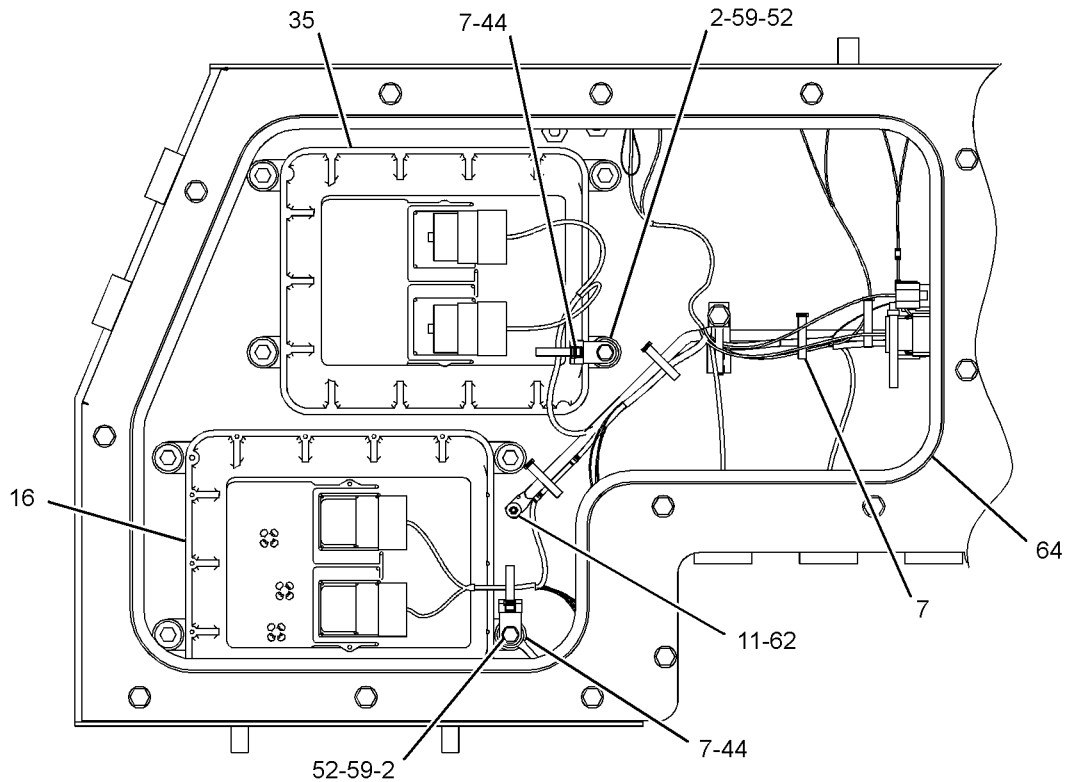
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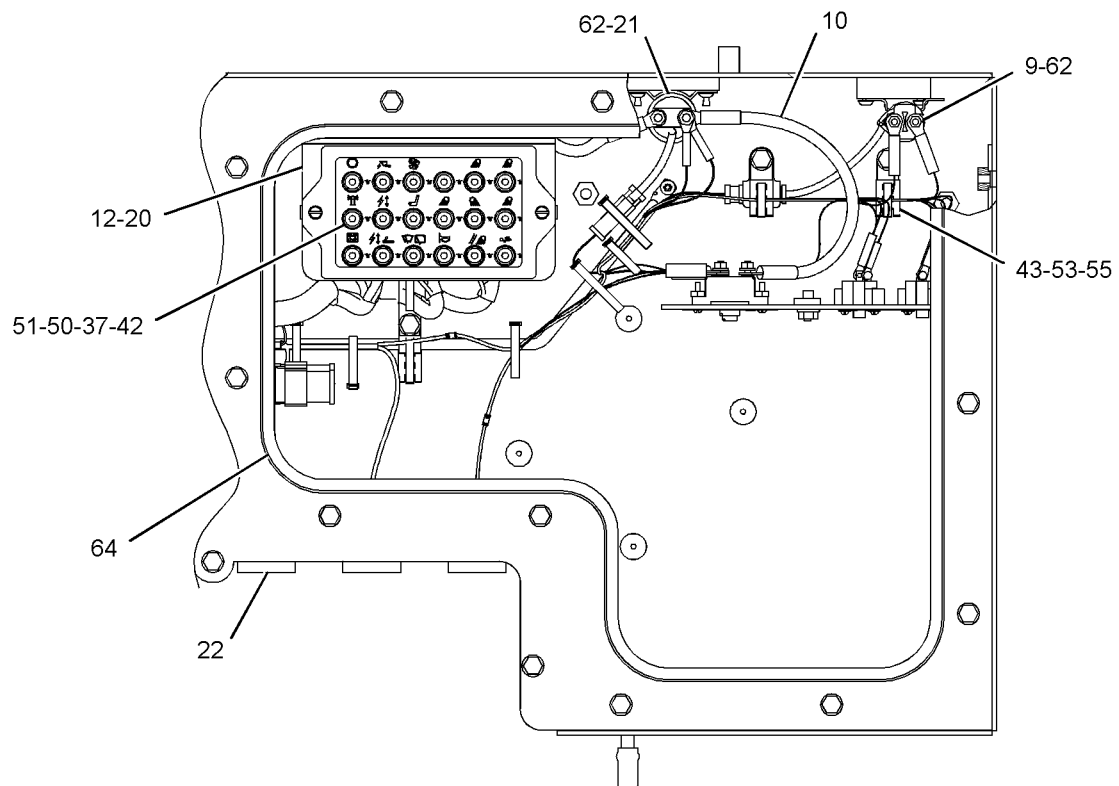
ELECTRICAL AND STARTING SYSTEM

257-0051 WIRING GP-ELECTRONICS BAY (contd.)

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VIEW OF AREA R



VIEW OF AREA S

GRAPHIC #3

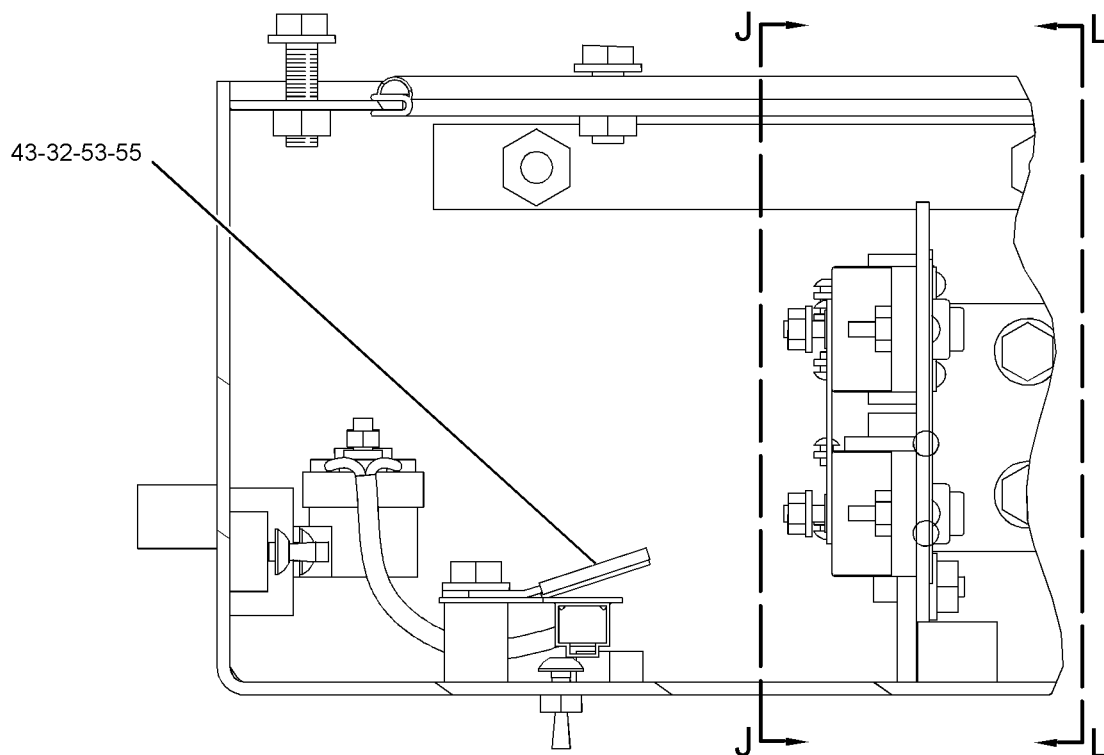
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ELECTRICAL AND STARTING SYSTEM

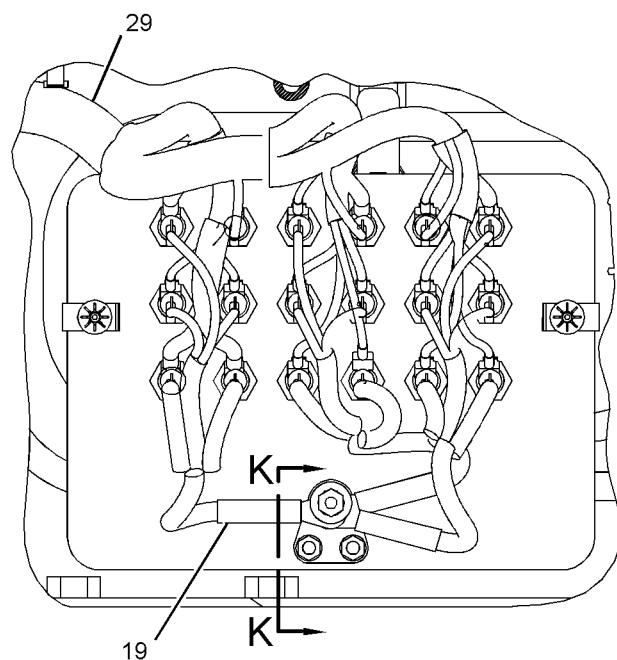
257-0051 WIRING GP-ELECTRONICS BAY (contd.)

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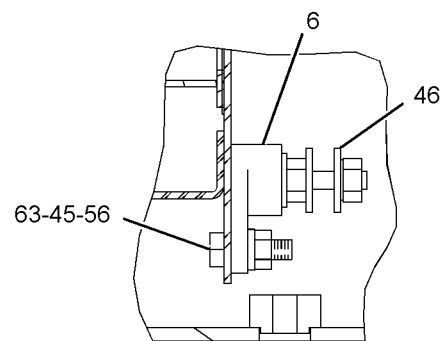
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SECTION D-D



SECTION M-M



SECTION K-K

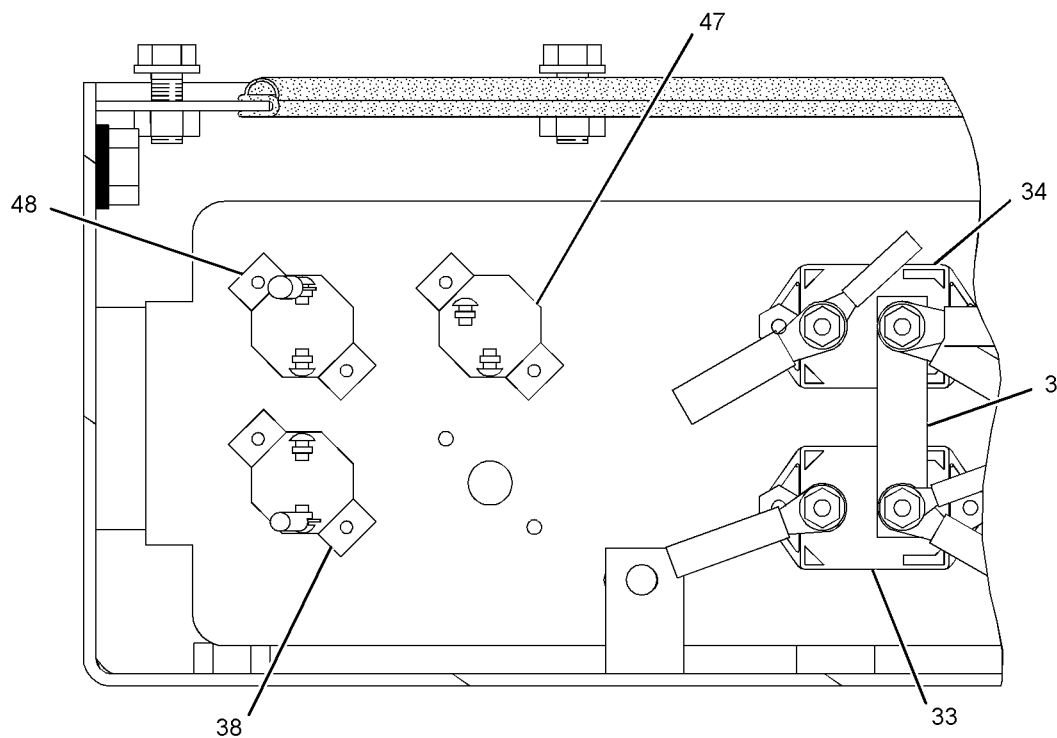
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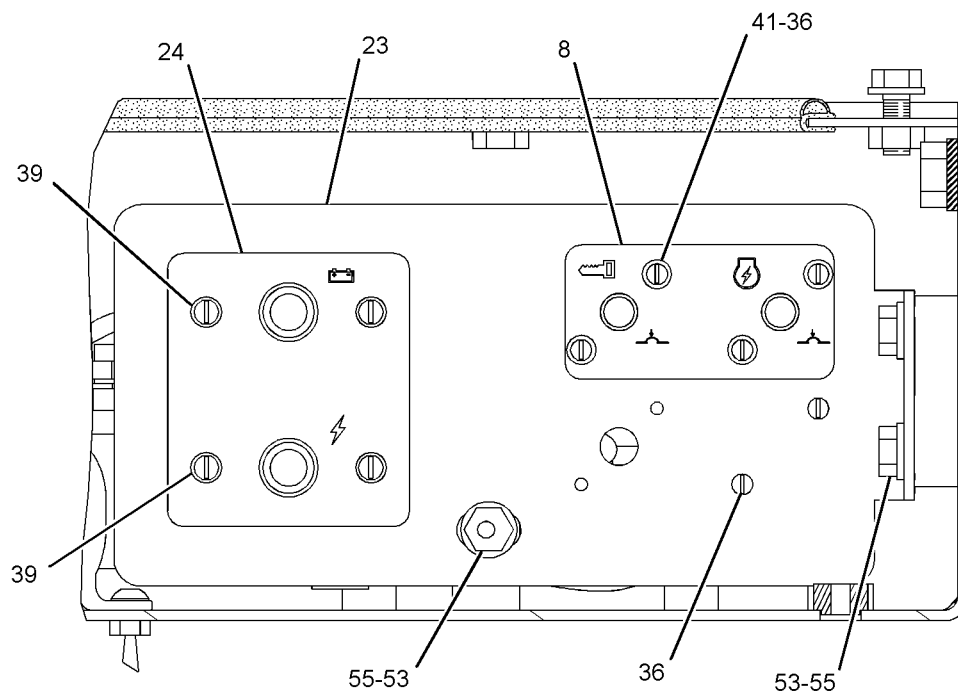
ELECTRICAL AND STARTING SYSTEM

257-0051 WIRING GP-ELECTRONICS BAY (contd.)

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SECTION J-J



SECTION L-L

GRAPHIC #5

<END>

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ELECTRICAL AND STARTING SYSTEM

280-4033 WIRING GP-ELECTRONICS BAY

S/N: BXY772-1899

PART OF 225-5452 ELECTRICAL AR

SMCS-1408, 7610, 7620

i02742121

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3D-2435	6	GASKET						
	2	1	3E-5239	1	RELAY AS (24-VOLT) (HORN)						
	2A	1	3E-5239	1	RELAY AS (24-VOLT) (INSTRUMENT PANEL BACKLIGHTS)						
	2B	1	3E-5239	1	RELAY AS (24-VOLT) (MACHINE HID FLOODLIGHTS)						
	2C	1	3E-5239	1	RELAY AS (24-VOLT) (FRONT MACHINE FLOODLIGHTS)						
	2D	1	3E-5239	1	RELAY AS (24-VOLT) (CAB HID FLOODLIGHTS)						
	2E	1	3E-5239	1	RELAY AS (24-VOLT) (FRONT CAB FLOODLIGHTS)						
	3	1, 2	6I-1418	10	SPACER (8.2X12.7X28.7-MM THK)						
	4	4	7V-9275	1	STRAP						
	5	2	8T-9655	16	MOUNT-ISOLATION						
	6	2	9G-4224	2	RECEPTACLE						
	7	3	9G-8451	1	BLOCK AS						
		3	1H-3244	1	LOCKWASHER						
		3	4B-4276	2	WASHER (7X16X1.6-MM THK)						
		3	4L-7124	1	BOLT (1/4-20X1.25-IN)						
		3	6V-8185	2	NUT (1/4-20-THD)						
	8	1, 2	9X-6772	21	STRAP-CABLE						
	9	4	115-9346	1	PLATE-IDENTIFICATION (CIRCUIT BREAKER)						
Y	10	1	125-1302	1	SWITCH GP-MAGNETIC (24-VOLT) (START RELAY)						456
	11	1	141-8698	1	WIRE AS						
	12	1	142-0358	1	TUBE						
	13	1	144-2223	1	GASKET						
	14	2	164-3765	2	RETAINER						
	15	2	164-3766	2	SCREW						
	16	1	170-9372	1	COVER						
YR	17	1	172-9391	1	CONTROL GP-UNPROGRAMMED (IMPLEMENT)						300
	18	1	226-1236	1	WIRE AS						
	19	1	231-6558	1	PLATE AS						
	20	3	232-7562	3	HARNESS AS-POWER (MAIN RELAY)						
		3	1S-9593	5	STRAP-CABLE						
	21	1	233-2545	1	FILM-FUSE PANEL						
Y	22	1	241-8368	1	SWITCH GP-MAGNETIC (24-VOLT) (MAIN RELAY)						457
	23	1	257-0053	1	HARNESS AS-CONTROL (ELECTRONICS BAY)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
		1	102-8801	2	KIT-RECEPTACLE (12-PIN) (EACH KIT INCLUDES RECEPTACLE AS AND WEDGE)						
		1	3E-5519	2	PLUG AS-CONNECTOR (5-PIN)						
		1	110-6846	2	PLUG AS-CONNECTOR (40-PIN)						
		1	3T-3410	2	RECEPTACLE AS-CONNECTOR (37-PIN)						
		1	8N-1513	2	RECEPTACLE AS-CONNECTOR (37-PIN)						
		1	8N-1517	1	RECEPTACLE AS-CONNECTOR (25-PIN)						
		1	8N-1519	1	RECEPTACLE AS-CONNECTOR (12-PIN)						
		1	9X-1054	4	PLUG AS-CONNECTOR (4-PIN)						
		1	9X-6772	50	STRAP-CABLE						
		1	110-6848	2	PLUG AS-CONNECTOR (40-PIN)						
		1	115-3082	2	JUNCTION BLOCK						
		1	115-3083	1	BRACKET-BLOCK CONNECTOR						
		1	155-2255	2	KIT-CONNECTING PLUG (12-PIN)						
		1	155-2265	1	KIT-CONNECTING PLUG (8-PIN)						
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN) (EACH KIT INCLUDES PLUG AS AND WEDGE)						
		1	177-9645	1	KIT-RECEPTACLE (2-PIN) (KIT INCLUDES RECEPTACLE AS AND WEDGE)						

ELECTRICAL AND STARTING SYSTEM

280-4033 WIRING GP-ELECTRONICS BAY (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	177-9648	1	KIT-CONNECTING PLUG (2-PIN) (KIT INCLUDES PLUG AS AND WEDGE)						
	24	4	260-3198	1	PLATE						
	25	4	260-8638	1	PLATE-IDENTIFICATION (BREAKER PANEL)						
	26	1	261-9418	1	COVER AS-ELECTRONICS BAY (CENTER)						
	27	1	261-9420	1	COVER AS-ELECTRONICS BAY (FRONT)						
Y	28	1	261-9434	1	COVER GP-ELECTRONICS BAY (REAR)						907
	29	3	262-4158	1	HARNESS AS-PANEL (RELAY)						
		3	102-8806	1	KIT-RECEPTACLE (8-PIN)						
		3	102-8801	1	KIT-RECEPTACLE (12-PIN) (EACH KIT INCLUDES RECEPTACLE AS AND WEDGE)						
		3	155-2255	1	KIT-CONNECTING PLUG (12-PIN) (KIT INCLUDES PLUG AS AND WEDGE)						
	30	1	278-7109	1	COVER						
	31	1	280-6800	1	ENCLOSURE AS-ELECTRONICS BAY						
	32	2	033-8248	2	CLIP						
	33	1	107-3727	4	SCREW-PAN HEAD						
	34	3	130-5300	1	CLIP						
	35	4	171-2205	1	CIRCUIT BREAKER AS (40-AMPERE) (ALTERNATOR)						
		4	6V-8187	2	NUT (1/4-28-THD)						
		4	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)						
		4	253-2111	2	LOCKWASHER						
	36	4	171-2212	1	CIRCUIT BREAKER AS (105-AMPERE) (MAIN)						
		4	6V-8187	2	NUT (1/4-28-THD)						
		4	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)						
		4	253-2111	2	LOCKWASHER						
YR	37	1	172-9389	1	CONTROL GP-UNPROGRAMMED (POWER TRAIN)						299
	38	4	3D-9799	6	SCREW-MACHINE (8-32X0.875-IN)						
	39	1	3K-8782	13	FUSE (10-AMPERE)						
	40	4	3T-2662	1	CIRCUIT BREAKER AS (15-AMPERE) (RUNNING LIGHTS)						
		4	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)						
		4	9B-7233	2	LOCKWASHER						
	41	4	4B-1240	4	SCREW-MACHINE (10-32X1-IN)						
	42	1	4B-4274	4	WASHER (5.5X13X1.2-MM THK)						
	43	4	4B-4863	4	WASHER (4.7X11X1.2-MM THK)						
	44	1	4K-5122	18	HOLDER AS-FUSE						
		1	6T-8115	1	NUT (1/2-24-THD)						
		1	139-0178	1	CAP						
	45	1, 2, 3	4P-7581	5	CLIP						
	46	1	4P-8134	2	CLIP						
M	47	3	5C-2890	2	NUT (M6X1-THD)						
	48	3, 4	5P-4115	2	WASHER-HARD (7.2X19X2-MM THK)						
	49	4	6T-3642	1	CIRCUIT BREAKER AS (10-AMPERE) (KEY SWITCH)						
		4	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)						
		4	9B-7233	2	LOCKWASHER						
	50	4	6T-3643	1	CIRCUIT BREAKER AS (15-AMPERE) (ENGINE ECM)						
		4	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)						
		4	9B-7233	2	LOCKWASHER						
M	51	2	7X-0818	6	BOLT (M8X1.25X45-MM)						
	52	1	8M-0456	1	FUSE (20-AMPERE)						
	53	1	8M-8948	4	FUSE (15-AMPERE)						
M	54	1	8T-3647	2	BOLT (M8X1.25X80-MM)						
	55	1, 2, 3, 4	8T-4121	35	WASHER-HARD (11X21X2.5-MM THK)						
M	56	1	8T-4133	1	NUT (M10X1.5-THD)						
M	57	1	8T-4136	24	BOLT (M10X1.5X25-MM)						
M	58	1, 2, 3, 4	8T-4137	7	BOLT (M10X1.5X20-MM)						
M	59	3	8T-4138	2	BOLT (M6X1X20-MM)						

ELECTRICAL AND STARTING SYSTEM

280-4033 WIRING GP-ELECTRONICS BAY (contd.)

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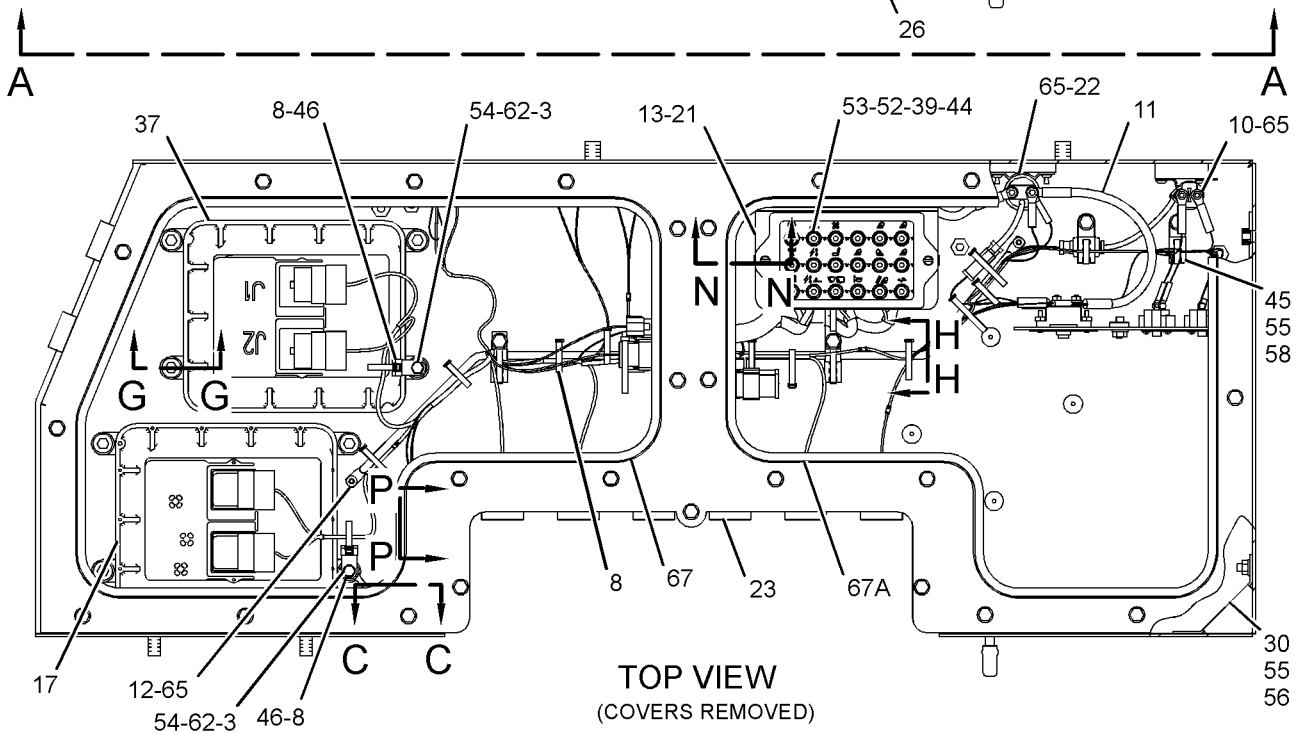
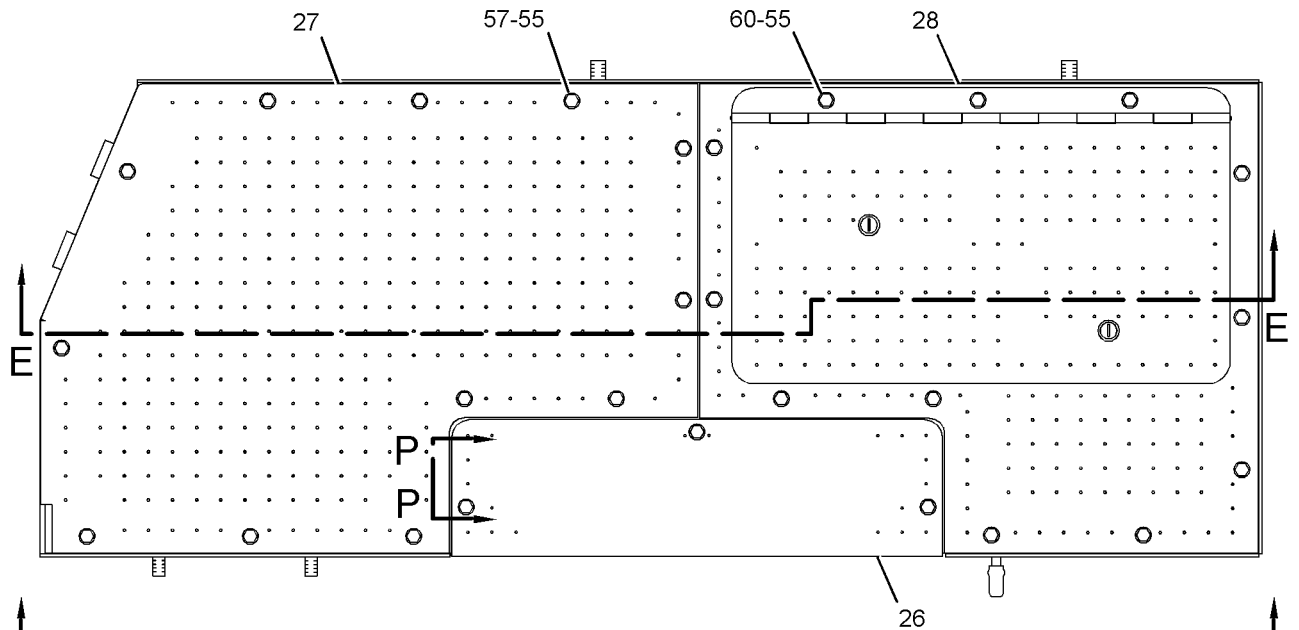
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	60	1	8T-4196	3	BOLT (M10X1.5X35-MM)						
	61	2	8T-4223	3	WASHER-HARD (13.5X25.5X3-MM THK)						
	62	1	8T-4224	2	WASHER-HARD (8.8X16X2-MM THK)						
M	63	2	8T-4244	3	NUT (M12X1.75-THD)						
	64	2	9N-0869	8	WASHER-HARD (8.8X25.5X2-MM THK)						
M	65	1	9X-2042	14	SCREW-TRUSS HEAD (M6X1X12-MM)						
	66	3	9X-8256	2	WASHER (6.6X12X2-MM THK)						
E	67	1	177-4122		SEAL (231-CM)						
E	67A	1	177-4122		SEAL (214-CM)						

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

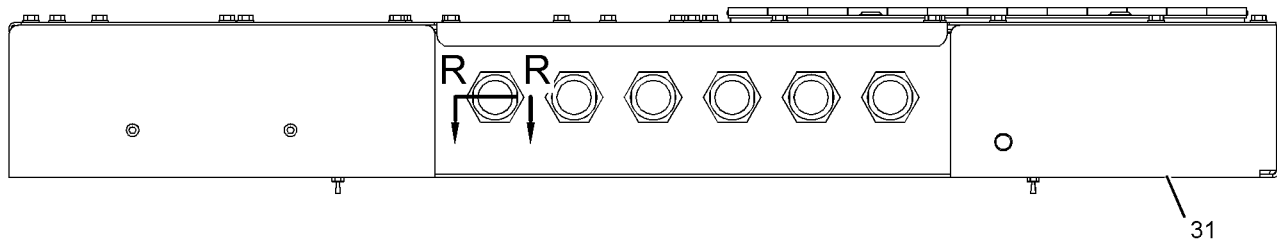
ELECTRICAL AND STARTING SYSTEM

280-4033 WIRING GP-ELECTRONICS BAY (contd.)

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TOP VIEW
(COVERS REMOVED)



VIEW A-A

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

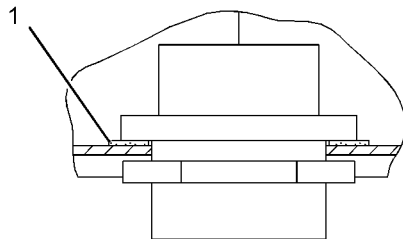
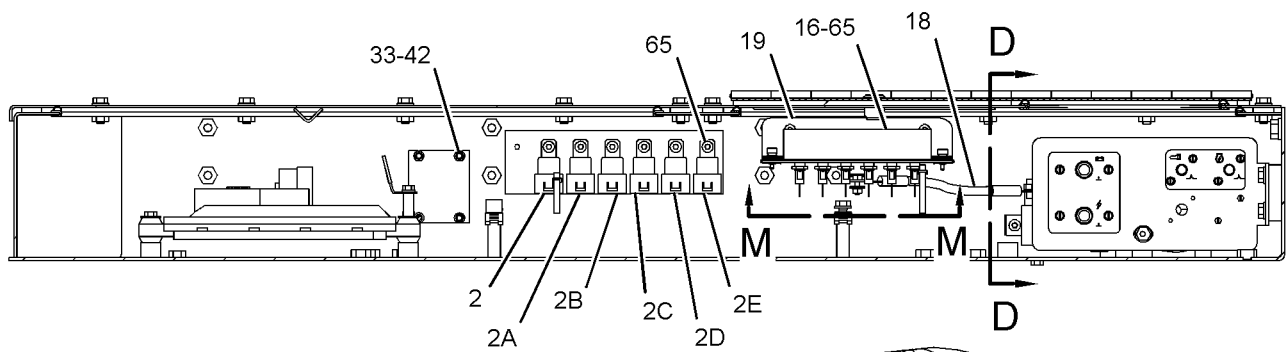
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ELECTRICAL AND STARTING SYSTEM

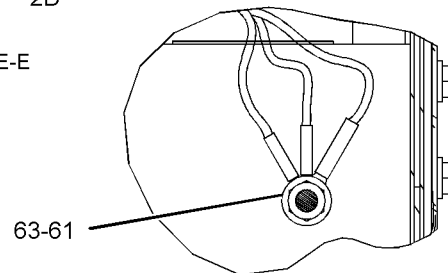
280-4033 WIRING GP-ELECTRONICS BAY (contd.)

i02742121

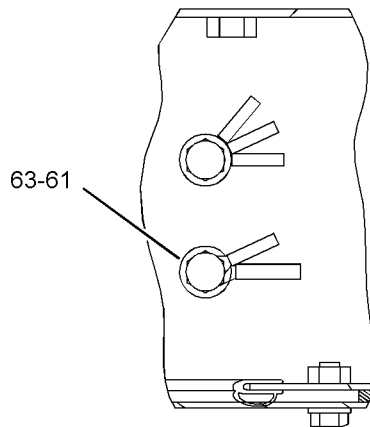


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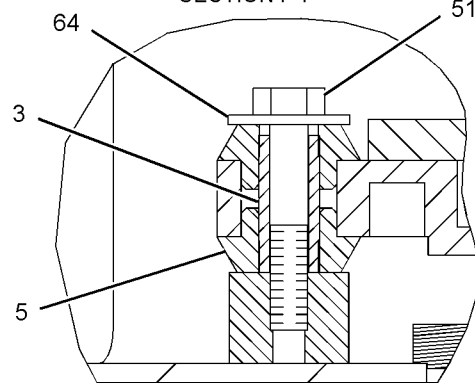
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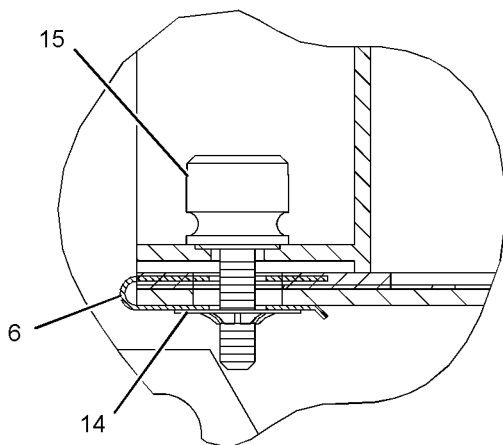
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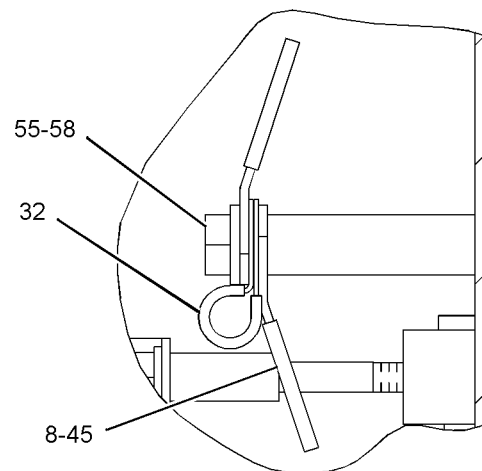
SECTION C-C



SECTION G-G



SECTION N-N



SECTION H-H

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

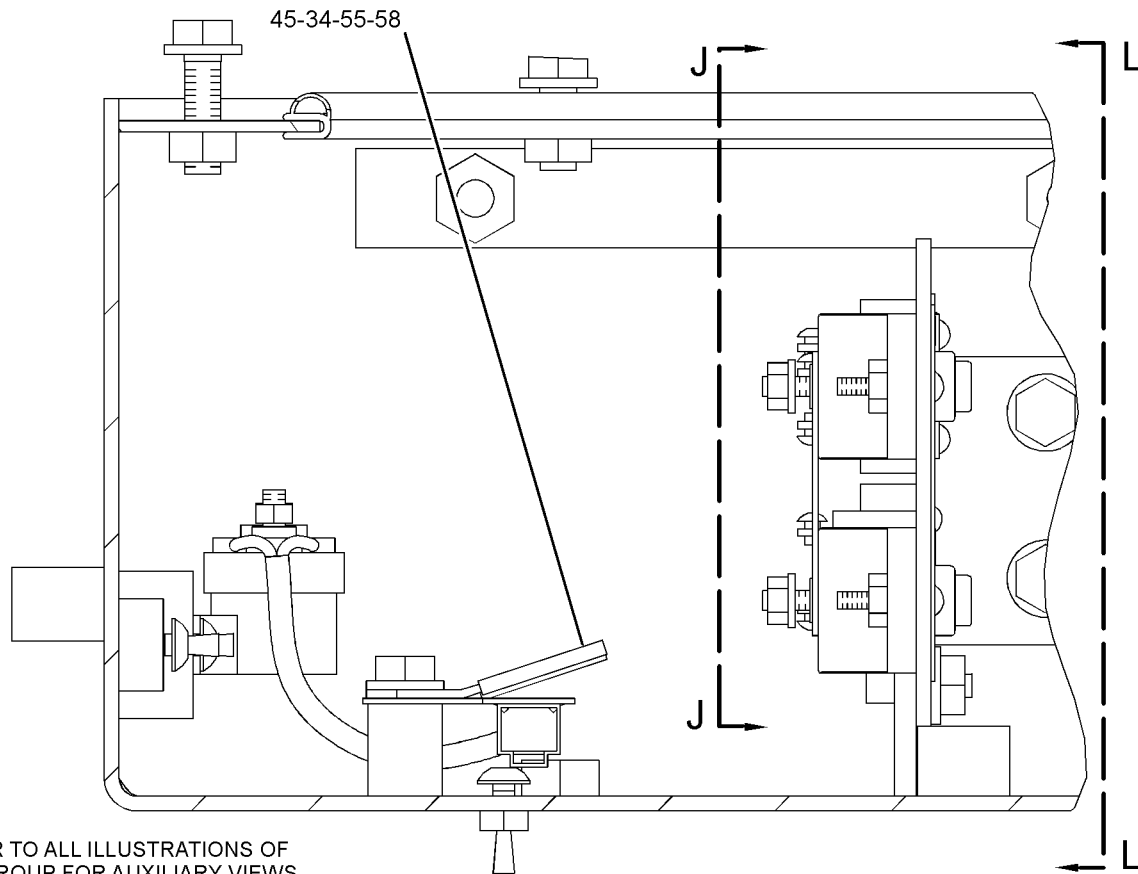
GRAPHIC #2

g01230831

ELECTRICAL AND STARTING SYSTEM

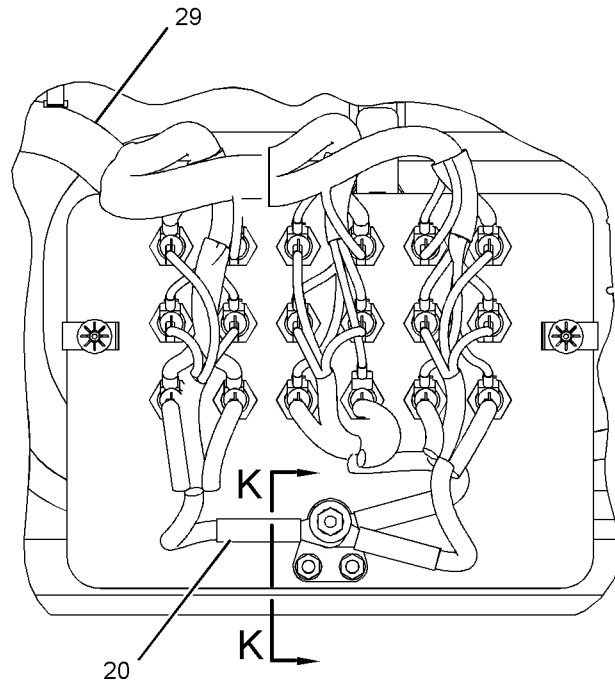
280-4033 WIRING GP-ELECTRONICS BAY (contd.)

i02742121

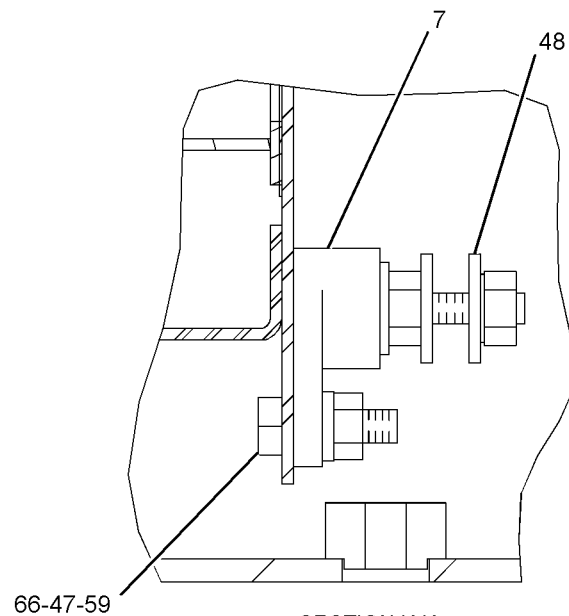


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SECTION D-D



SECTION M-M



SECTION K-K

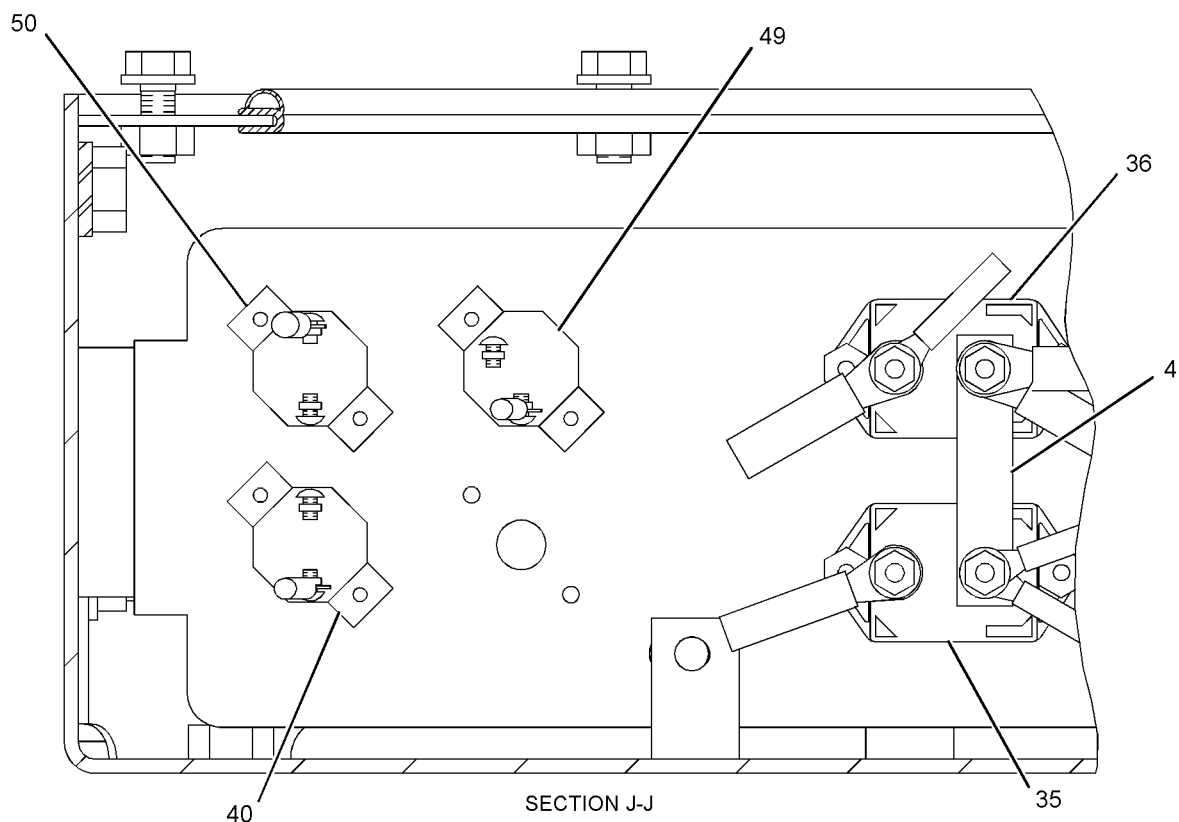
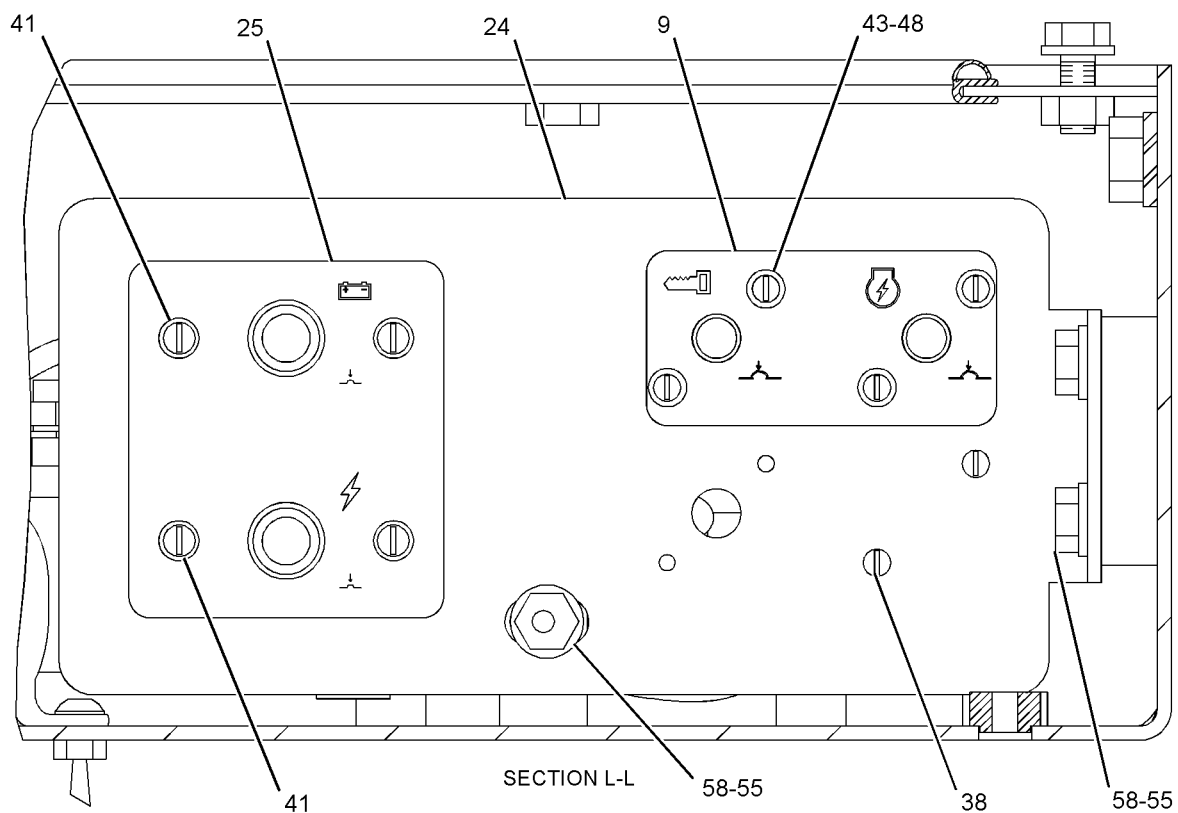
GRAPHIC #3

g01230856

ELECTRICAL AND STARTING SYSTEM

280-4033 WIRING GP-ELECTRONICS BAY (contd.)

i02742121



GRAPHIC #4

<END>

g01230874

ELECTRICAL AND STARTING SYSTEM

292-8134 WIRING GP-ELECTRONICS BAY

S/N: BXY1900-2809

PART OF 284-2987 ELECTRICAL AR

SMCS-1408, 7610, 7620

i02908512

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	3	3D-2435	2	GASKET	
	2	2	3E-5239	1	RELAY AS (24-VOLT) (REAR HID FLOODLIGHTS)	
	2A	2	3E-5239	1	RELAY AS (24-VOLT) (HORN)	
	2B	2	3E-5239	1	RELAY AS (24-VOLT) (INSTRUMENT PANEL BACKLIGHTS)	
	2C	2	3E-5239	1	RELAY AS (24-VOLT) (MACHINE HID FLOODLIGHTS)	
	2D	2	3E-5239	1	RELAY AS (24-VOLT) (FRONT MACHINE FLOODLIGHTS)	
	2E	2	3E-5239	1	RELAY AS (24-VOLT) (CAB HID FLOODLIGHTS)	
	2F	2	3E-5239	1	RELAY AS (24-VOLT) (FRONT MACHINE FLOODLIGHTS)	
	3	2, 3	6I-1418	11	SPACER (8.2X12.7X28.7-MM THK)	
	4	3	7V-9275	1	STRAP	
	5	2	8T-3518	2	NUT-FULL (1/2-13-THD)	
	6	2, 3	8T-9655	16	MOUNT-ISOLATION	
	7	2, 3	9X-6772	22	STRAP-CABLE	
	8	3	113-8490	27	FUSE (10-AMPERE)	
	9	3	113-8491	10	FUSE (15-AMPERE)	
	10	3	113-8492	3	FUSE (20-AMPERE)	
	11	3	115-9346	1	PLATE-IDENTIFICATION (CIRCUIT BREAKER)	
	12	3	116-7471	1	PULLER-MINIFUSE	
Y	13	2	125-1302	1	SWITCH GP-MAGNETIC (24-VOLT) (START RELAY)	456
	14	2	141-8698	1	WIRE AS	
	15	2	142-0358	1	TUBE	
YR	16	2	172-9391	1	CONTROL GP-UNPROGRAMMED (IMPLEMENT)	300
	17	2	187-8674	1	BLOCK AS-JUNCTION	
	18	2	187-8675	1	GASKET	
	19	3	234-5925	2	GASKET	
Y	20	2	241-8368	1	SWITCH GP-MAGNETIC (24-VOLT) (MAIN RELAY)	457
	21	3	258-4142	1	BAR-BUS	
	22	3	260-3198	1	PLATE	
	23	3	260-8638	1	PLATE-IDENTIFICATION (BREAKER PANEL)	
	24	1	261-9418	1	COVER AS-ELECTRONICS BAY (CENTER)	
	25	1	261-9420	1	COVER AS-ELECTRONICS BAY (FRONT)	
Y	26	1	261-9434	1	COVER GP-ELECTRONICS BAY (REAR)	907
	27	1	278-7109	2	COVER	
	28	2	285-3570	1	CABLE AS	
		2	9G-4343	2	TERMINAL-RING (4-GA, 1/4-IN SCREW)	
E		2	125-7876		TUBE-HEAT SHRINK (17.78-MM DIA) (4-CM)	
	29	2	286-1094	1	HARNESS AS-CONTROL (ELECTRONICS BAY)	
		2	102-8802	1	KIT-RECEPTACLE (2-PIN) (KIT INCLUDES RECEPTACLE AS AND WEDGE)	
		2	3E-5519	3	PLUG AS-CONNECTOR (5-PIN)	
		2	110-6846	2	PLUG AS-CONNECTOR (40-PIN)	
		2	9X-1054	4	PLUG AS-CONNECTOR (4-PIN)	
		2	110-6848	2	PLUG AS-CONNECTOR (40-PIN)	
		2	115-3082	2	JUNCTION BLOCK	
		2	115-3083	1	BRACKET-BLOCK CONNECTOR	
		2	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
		2	155-2270	1	KIT-CONNECTING PLUG (2-PIN) (EACH KIT INCLUDES PLUG AS AND WEDGE)	
		2	214-4208	2	RECEPTACLE AS-CONNECTOR (70-PIN)	
	30	3	286-7275	1	FILM-FUSE	
	31	2	288-1683	1	SHEET	
	32	1	294-1072	1	ENCLOSURE AS-ELECTRONICS BAY	
	33	2	295-1299	1	CABLE AS	

ELECTRICAL AND STARTING SYSTEM

292-8134 WIRING GP-ELECTRONICS BAY (contd.)

i02908512

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
E		2	8C-3056		CABLE (2-GA, RED) (56-CM)						
		2	9X-9120	1	BOOT (RED)						
		2	267-8338	1	TERMINAL-RING						
		2	030-1712	1	TERMINAL-RING (2-GA, 1/4-IN SCREW)						
E		2	6V-9023		TUBE-HEAT SHRINK (12.7-MM DIA) (3-CM)						
	34	2	299-9618	1	WIRE AS						
	35	2, 3	033-8248	2	CLIP						
	36	2	107-3727	4	SCREW-PAN HEAD						
	37	2	130-5300	1	CLIP						
	38	3	171-2205	1	CIRCUIT BREAKER AS (40-AMPERE) (ALTERNATOR)						
		3	6V-8187	2	NUT (1/4-28-THD)						
		3	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)						
		3	253-2111	2	LOCKWASHER						
	39	3	171-2212	1	CIRCUIT BREAKER AS (105-AMPERE) (MAIN)						
		3	6V-8187	2	NUT (1/4-28-THD)						
		3	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)						
		3	253-2111	2	LOCKWASHER						
	YR	40	2	172-9389	1	CONTROL GP-UNPROGRAMMED (POWER TRAIN)					299
		41	3	3D-9799	6	SCREW-MACHINE (8-32X0.875-IN)					
		42	3	3T-2662	1	CIRCUIT BREAKER AS (15-AMPERE) (RUNNING LIGHTS)					
M		3	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)						
		3	9B-7233	2	LOCKWASHER						
	43	3	4B-1240	4	SCREW-MACHINE (10-32X1-IN)						
	44	2	4B-4274	4	WASHER (5.5X13X1.2-MM THK)						
	45	3	4B-4863	4	WASHER (4.7X11X1.2-MM THK)						
	46	2, 3	4P-7581	3	CLIP						
	47	2	4P-8134	5	CLIP						
	48	3	6T-3642	1	CIRCUIT BREAKER AS (10-AMPERE) (KEY SWITCH)						
		3	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)						
		3	9B-7233	2	LOCKWASHER						
	49	3	6T-3643	1	CIRCUIT BREAKER AS (15-AMPERE) (ENGINE ECM)						
		3	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)						
		3	9B-7233	2	LOCKWASHER						
	50	3	6V-8185	3	NUT (1/4-20-THD)						
	51	2	7F-0560	2	WASHER (0.516X0.938X0.101-IN THK)						
	52	2, 3	7X-0818	5	BOLT (M8X1.25X45-MM)						
	53	2	8T-0328	4	WASHER-HARD (5.5X10X1-MM THK)						
	54	2, 3	8T-3647	3	BOLT (M8X1.25X80-MM)						
	55	1, 2, 3	8T-4121	39	WASHER-HARD (11X21X2.5-MM THK)						
	56	1	8T-4133	2	NUT (M10X1.5-THD)						
	57	1	8T-4136	24	BOLT (M10X1.5X25-MM)						
	58	2, 3	8T-4137	10	BOLT (M10X1.5X20-MM)						
	59	3	8T-4138	8	BOLT (M6X1X20-MM)						
	60	1	8T-4196	3	BOLT (M10X1.5X35-MM)						
	61	3	8T-4205	3	WASHER-HARD (7.2X14.5X2-MM THK)						
	62	1, 2, 3	8T-4223	5	WASHER-HARD (13.5X25.5X3-MM THK)						
	63	2, 3	8T-4224	3	WASHER-HARD (8.8X16X2-MM THK)						
	64	2, 3	8T-4244	3	NUT (M12X1.75-THD)						
	65	2	8T-5432	4	BOLT (M5X0.8X16-MM)						
	66	3	9F-9327	8	SCREW-MACHINE (10-32X0.375-IN)						
	67	2, 3	9N-0869	8	WASHER-HARD (8.8X25.5X2-MM THK)						
	68	2	9X-2042	11	SCREW-TRUSS HEAD (M6X1X12-MM)						
	69	2	9X-2044	2	SCREW-TRUSS HEAD (M6X1X16-MM)						
	70	3	9X-8256	8	WASHER (6.6X12X2-MM THK)						
E	71	3	103-2543		SEAL (3-CM)						
E	72	2	177-4122		SEAL (231-CM)						
E	72A	2	177-4122		SEAL (214-CM)						
M	73	1	8T-4139	2	BOLT (M12X1.75X30-MM)						

ELECTRICAL AND STARTING SYSTEM

292-8134 WIRING GP-ELECTRONICS BAY (contd.)

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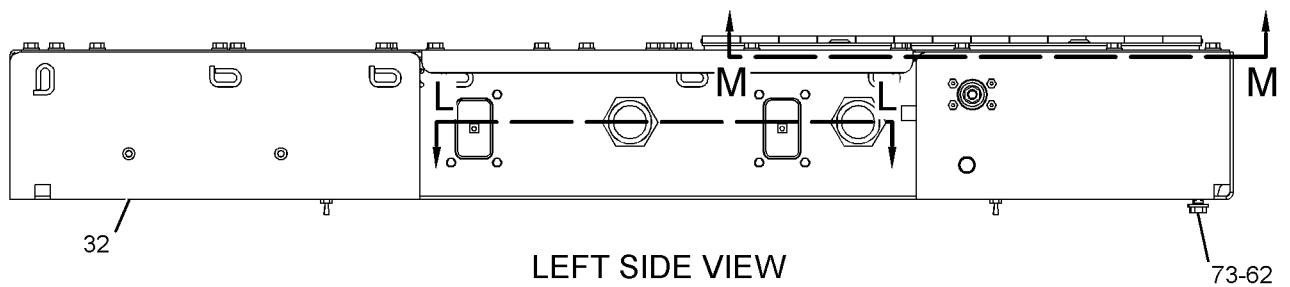
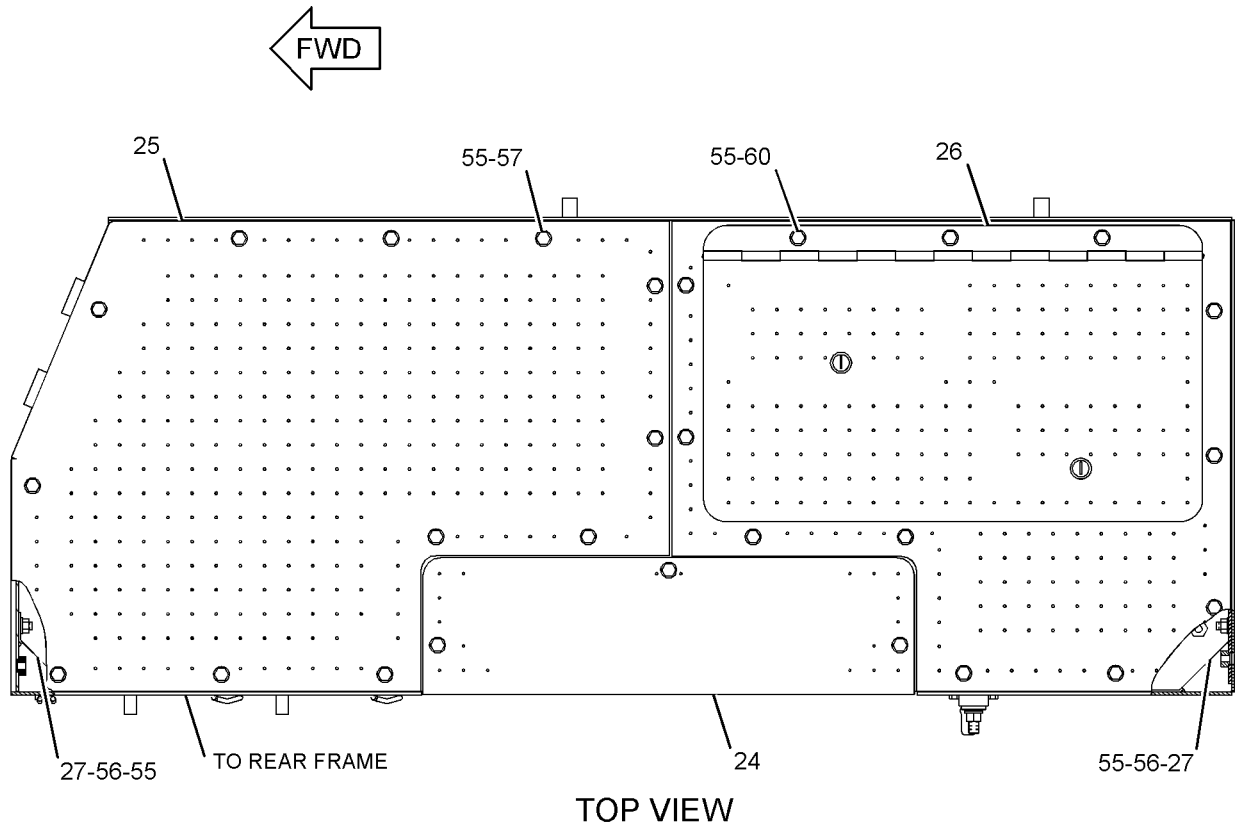
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M-METRIC PART
R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

292-8134 WIRING GP-ELECTRONICS BAY (contd.)

i02908512

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



GRAPHIC #1

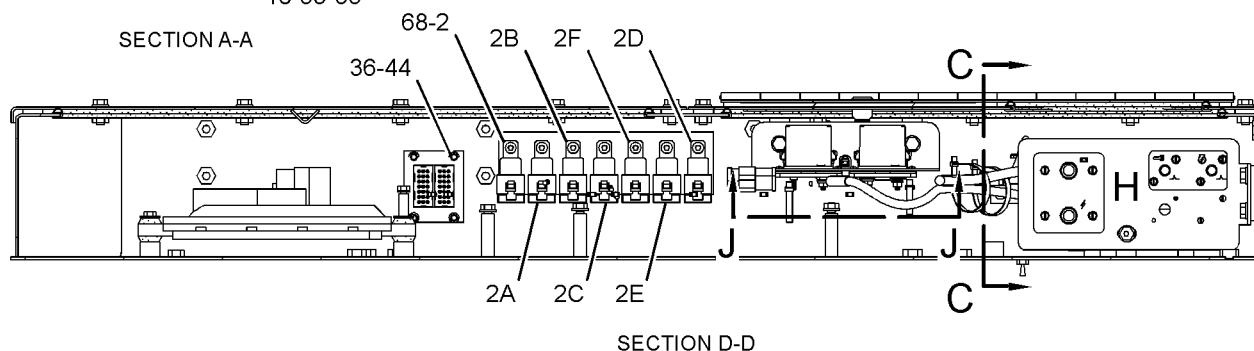
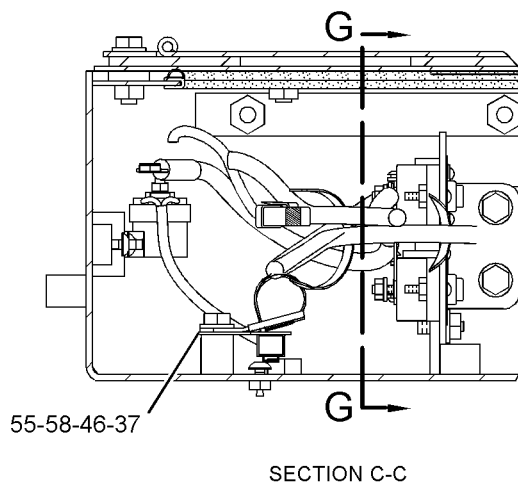
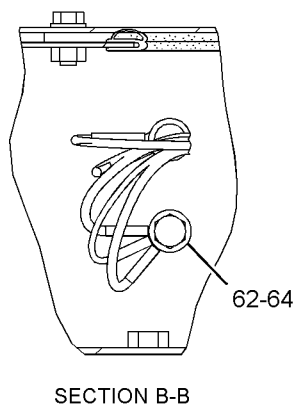
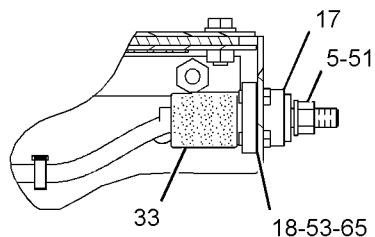
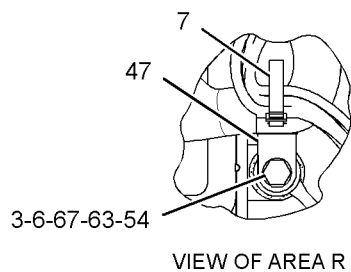
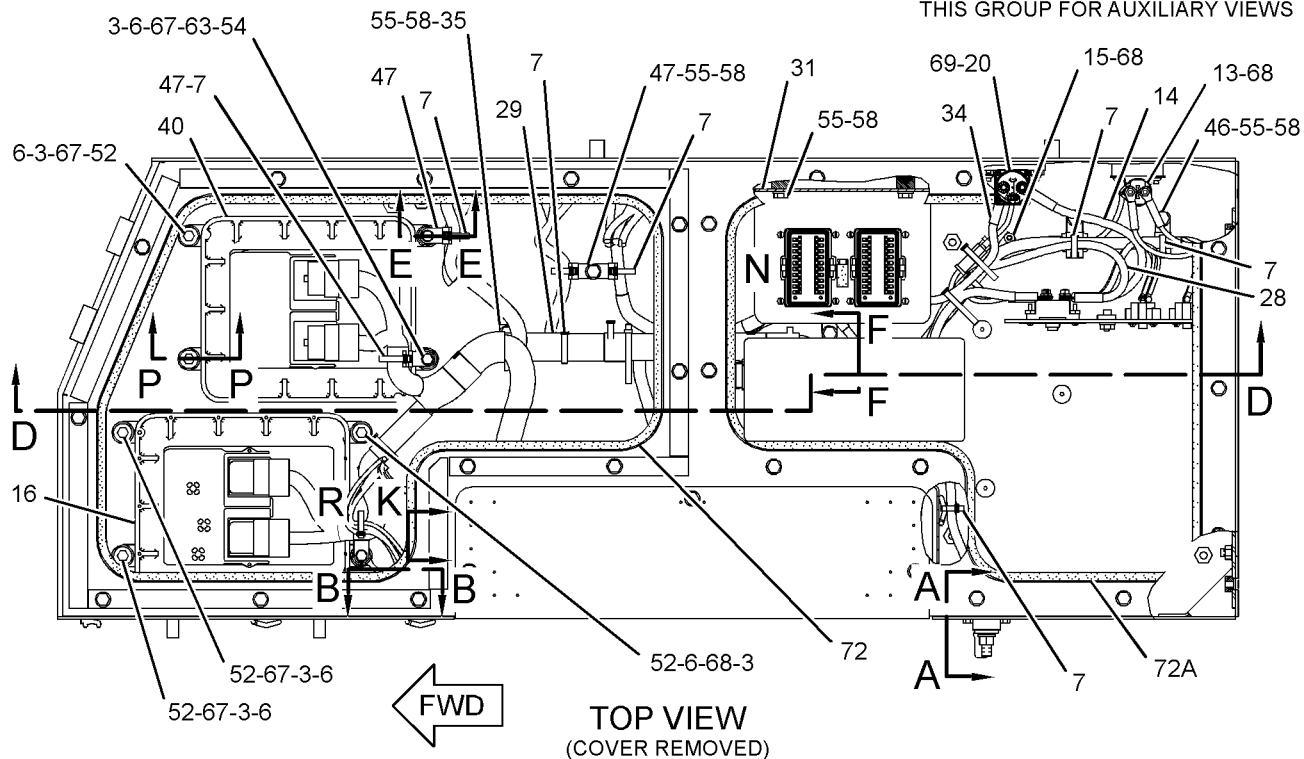
g01519535

ELECTRICAL AND STARTING SYSTEM

292-8134 WIRING GP-ELECTRONICS BAY (contd.)

i02908512

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



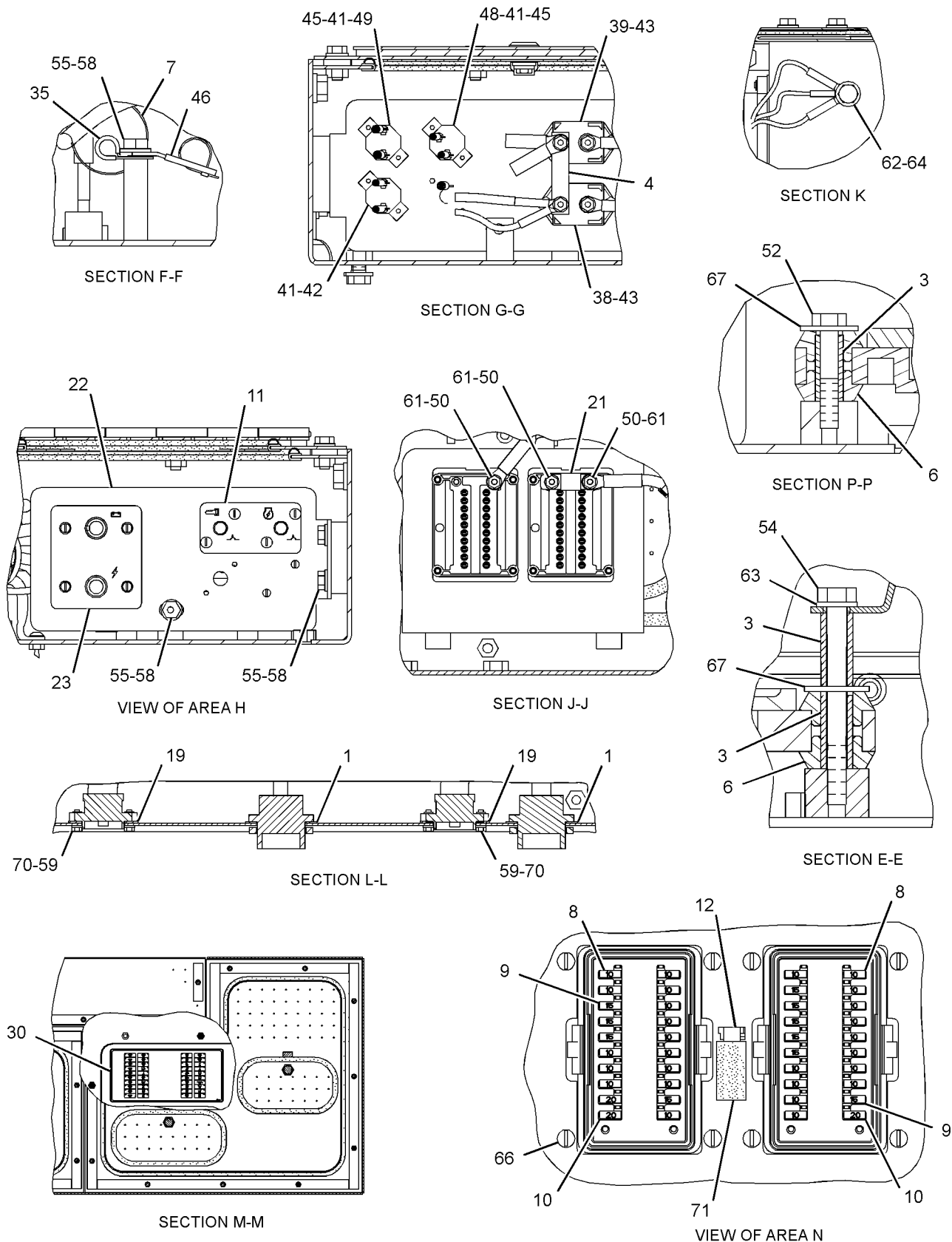
GRAPHIC #2

g01519537

ELECTRICAL AND STARTING SYSTEM

292-8134 WIRING GP-ELECTRONICS BAY (contd.)

i02908512



GRAPHIC #3

<END>

g01519538

ELECTRICAL AND STARTING SYSTEM

292-8134 WIRING GP-ELECTRONICS BAY

S/N: BXY2810-3999

PART OF 284-2987 ELECTRICAL AR

SMCS-1408, 7610, 7620

i03453222

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	3	3D-2435	2	GASKET	
	2	2	3E-5239	1	RELAY AS (24-VOLT) (REAR HID FLOODLIGHTS)	
	2A	2	3E-5239	1	RELAY AS (24-VOLT) (HORN)	
	2B	2	3E-5239	1	RELAY AS (24-VOLT) (INSTRUMENT PANEL BACKLIGHTS)	
	2C	2	3E-5239	1	RELAY AS (24-VOLT) (MACHINE HID FLOODLIGHTS)	
	2D	2	3E-5239	1	RELAY AS (24-VOLT) (FRONT MACHINE FLOODLIGHTS)	
	2E	2	3E-5239	1	RELAY AS (24-VOLT) (CAB HID FLOODLIGHTS)	
	2F	2	3E-5239	1	RELAY AS (24-VOLT) (FRONT MACHINE FLOODLIGHTS)	
	3	2, 3	6I-1418	11	SPACER (8.2X12.7X28.7-MM THK)	
	4	3	7V-9275	1	STRAP	
	5	2	8T-3518	2	NUT-FULL (1/2-13-THD)	
	6	2, 3	8T-9655	16	MOUNT-ISOLATION	
C	7	2, 3	9X-6772	23	STRAP-CABLE	
	8	3	113-8490	27	FUSE (10-AMPERE)	
	9	3	113-8491	10	FUSE (15-AMPERE)	
	10	3	113-8492	3	FUSE (20-AMPERE)	
	11	3	115-9346	1	PLATE-IDENTIFICATION (CIRCUIT BREAKER)	
	12	3	116-7471	1	PULLER-MINIFUSE	
Y	13	2	125-1302	1	SWITCH GP-MAGNETIC (24-VOLT) (START RELAY)	456
	14	2	141-8698	1	WIRE AS	
	15	2	142-0358	1	TUBE	
YR	16	2	172-9391	1	CONTROL GP-UNPROGRAMMED (IMPLEMENT)	300
	17	2	187-8674	1	BLOCK AS-JUNCTION	
	18	2	187-8675	1	GASKET	
	19	3	234-5925	2	GASKET	
Y	20	2	241-8368	1	SWITCH GP-MAGNETIC (24-VOLT) (MAIN RELAY)	457
	21	3	258-4142	1	BAR-BUS	
	22	3	260-3198	1	PLATE	
	23	3	260-8638	1	PLATE-IDENTIFICATION (BREAKER PANEL)	
	24	1	261-9418	1	COVER AS-ELECTRONICS BAY (CENTER)	
	25	1	261-9420	1	COVER AS-ELECTRONICS BAY (FRONT)	
Y	26	1	261-9434	1	COVER GP-ELECTRONICS BAY (REAR)	907
	27	1	278-7109	2	COVER	
	28	2	285-3570	1	CABLE AS	
		2	9G-4343	2	TERMINAL-RING (4-GA, 1/4-IN SCREW)	
E		2	125-7876		TUBE-HEAT SHRINK (17.78-MM DIA) (4-CM)	
	29	2	286-1094	1	HARNESS AS-CONTROL (ELECTRONICS BAY)	
	30	3	286-7275	1	FILM-FUSE	
	31	2	288-1683	1	SHEET	
	32	1	294-1072	1	ENCLOSURE AS-ELECTRONICS BAY	
	33	2	295-1299	1	CABLE AS	
E		2	8C-3056		CABLE (2-GA, RED) (56-CM)	
		2	9X-9120	1	BOOT (RED)	
		2	267-8338	1	TERMINAL-RING	
		2	030-1712	1	TERMINAL-RING (2-GA, 1/4-IN SCREW)	
E		2	6V-9023		TUBE-HEAT SHRINK (12.7-MM DIA) (3-CM)	
	34	2	299-9618	1	WIRE AS	
	35	2, 3	033-8248	2	CLIP	
C	36	2, 3	107-3727	12	SCREW-PAN HEAD	
	37	2	130-5300	1	CLIP	
	38	3	171-2205	1	CIRCUIT BREAKER AS (40-AMPERE) (ALTERNATOR)	
		3	6V-8187	2	NUT (1/4-28-THD)	
		3	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)	

ELECTRICAL AND STARTING SYSTEM

292-8134 WIRING GP-ELECTRONICS BAY (contd.)

i03453222

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		3	253-2111	2	LOCKWASHER						
	39	3	171-2212	1	CIRCUIT BREAKER AS (105-AMPERE) (MAIN)						
		3	6V-8187	2	NUT (1/4-28-THD)						
		3	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)						
		3	253-2111	2	LOCKWASHER						
YR	40	2	172-9389	1	CONTROL GP-UNPROGRAMMED (POWER TRAIN)						299
	41	3	3D-9799	6	SCREW-MACHINE (8-32X0.875-IN)						
	42	3	3T-2662	1	CIRCUIT BREAKER AS (15-AMPERE) (RUNNING LIGHTS)						
		3	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)						
		3	9B-7233	2	LOCKWASHER						
	43	3	4B-1240	4	SCREW-MACHINE (10-32X1-IN)						
C	44	3	1H-3244	3	LOCKWASHER						
C	45	2,3	4B-4863	10	WASHER (4.7X11X1.2-MM THK)						
	46	2,3	4P-7581	3	CLIP						
	47	2	4P-8134	5	CLIP						
	48	3	6T-3642	1	CIRCUIT BREAKER AS (10-AMPERE) (KEY SWITCH)						
		3	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)						
		3	9B-7233	2	LOCKWASHER						
	49	3	6T-3643	1	CIRCUIT BREAKER AS (15-AMPERE) (ENGINE ECM)						
		3	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)						
		3	9B-7233	2	LOCKWASHER						
CM	50	3	5C-2890	3	NUT (M6X1-THD)						
	51	2	7F-0560	2	WASHER (0.516X0.938X0.101-IN THK)						
M	52	2,3	7X-0818	5	BOLT (M8X1.25X45-MM)						
	53	2	8T-0328	4	WASHER-HARD (5.5X10X1-MM THK)						
M	54	2,3	8T-3647	3	BOLT (M8X1.25X80-MM)						
	55	1,2,3	8T-4121	39	WASHER-HARD (11X21X2.5-MM THK)						
M	56	1	8T-4133	2	NUT (M10X1.5-THD)						
M	57	1	8T-4136	24	BOLT (M10X1.5X25-MM)						
M	58	2,3	8T-4137	10	BOLT (M10X1.5X20-MM)						
M	59	3	8T-4138	8	BOLT (M6X1X20-MM)						
M	60	1	8T-4196	3	BOLT (M10X1.5X35-MM)						
	61	3	8T-4205	3	WASHER-HARD (7.2X14.5X2-MM THK)						
	62	1,2,3	8T-4223	5	WASHER-HARD (13.5X25.5X3-MM THK)						
	63	2,3	8T-4224	3	WASHER-HARD (8.8X16X2-MM THK)						
CM	64	2,3	8T-4192	3	BOLT (M12X1.75X25-MM)						
M	65	2	8T-5432	4	BOLT (M5X0.8X16-MM)						
	67	2,3	9N-0869	8	WASHER-HARD (8.8X25.5X2-MM THK)						
M	68	2	9X-2042	11	SCREW-TRUSS HEAD (M6X1X12-MM)						
M	69	2	9X-2044	2	SCREW-TRUSS HEAD (M6X1X16-MM)						
	70	3	9X-8256	8	WASHER (6.6X12X2-MM THK)						
E	71	3	103-2543		SEAL (3-CM)						
E	72	2	177-4122		SEAL (231-CM)						
E	72A	2	177-4122		SEAL (214-CM)						
M	73	1	8T-4139	2	BOLT (M12X1.75X30-MM)						

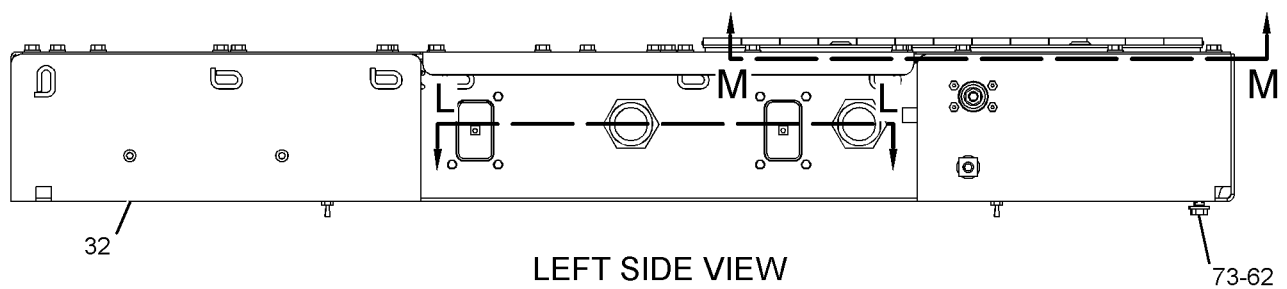
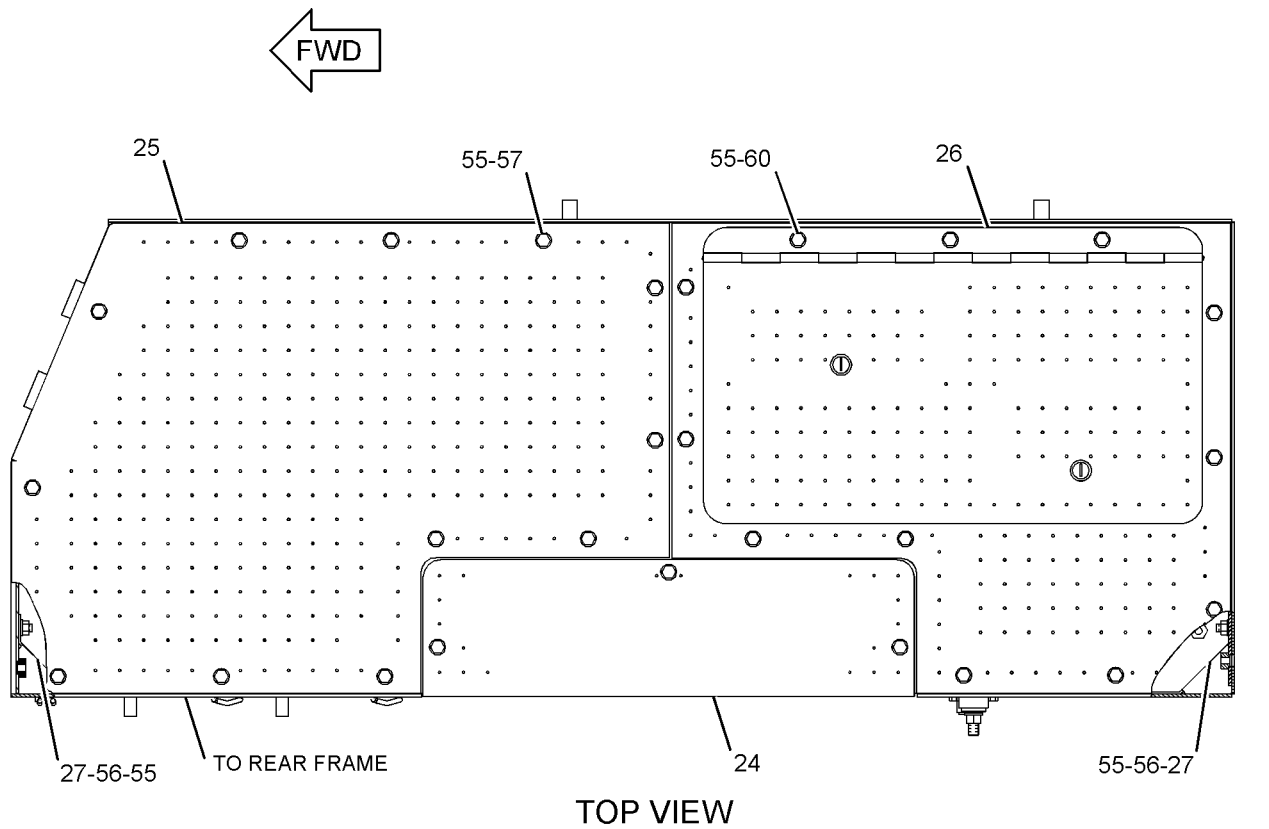
C-CHANGE FROM PREVIOUS TYPE
 E-ORDER BY THE CENTIMETER
 M-METRIC PART
 R-REMG PART MAY BE AVAILABLE
 Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

292-8134 WIRING GP-ELECTRONICS BAY (contd.)

i03453222

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



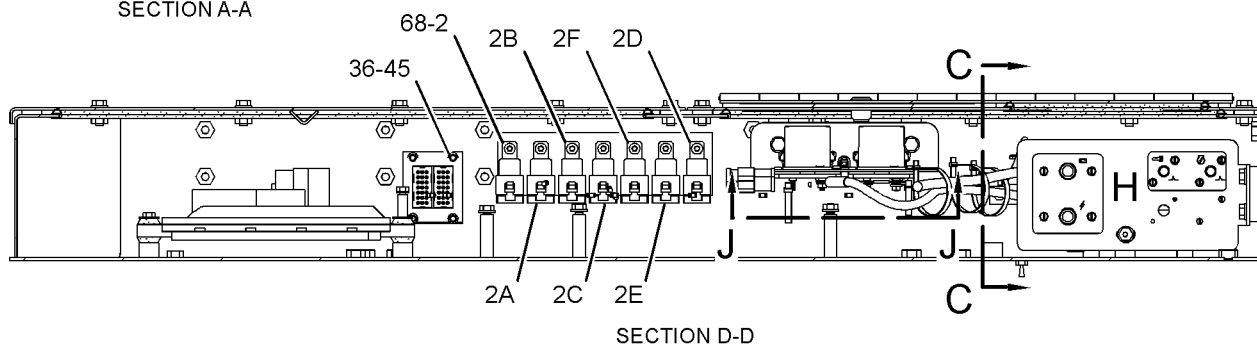
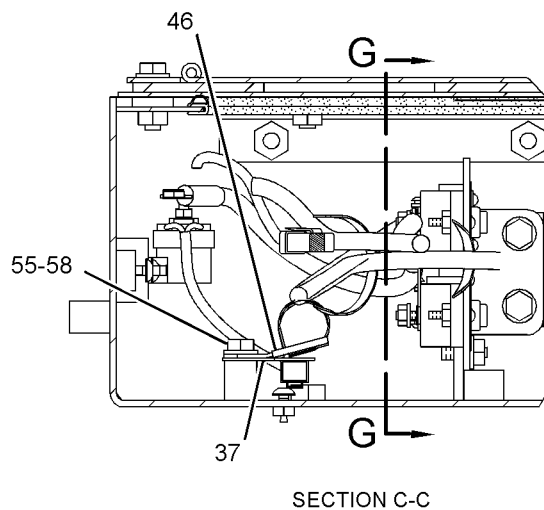
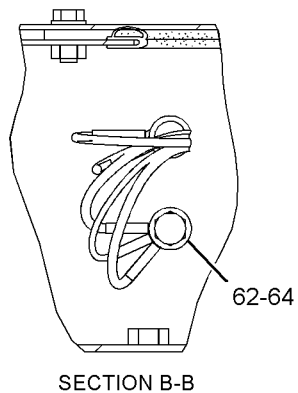
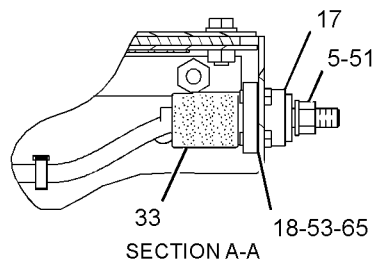
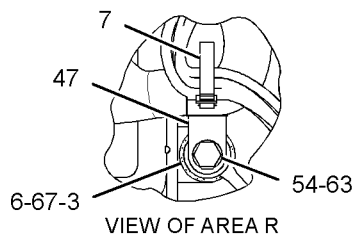
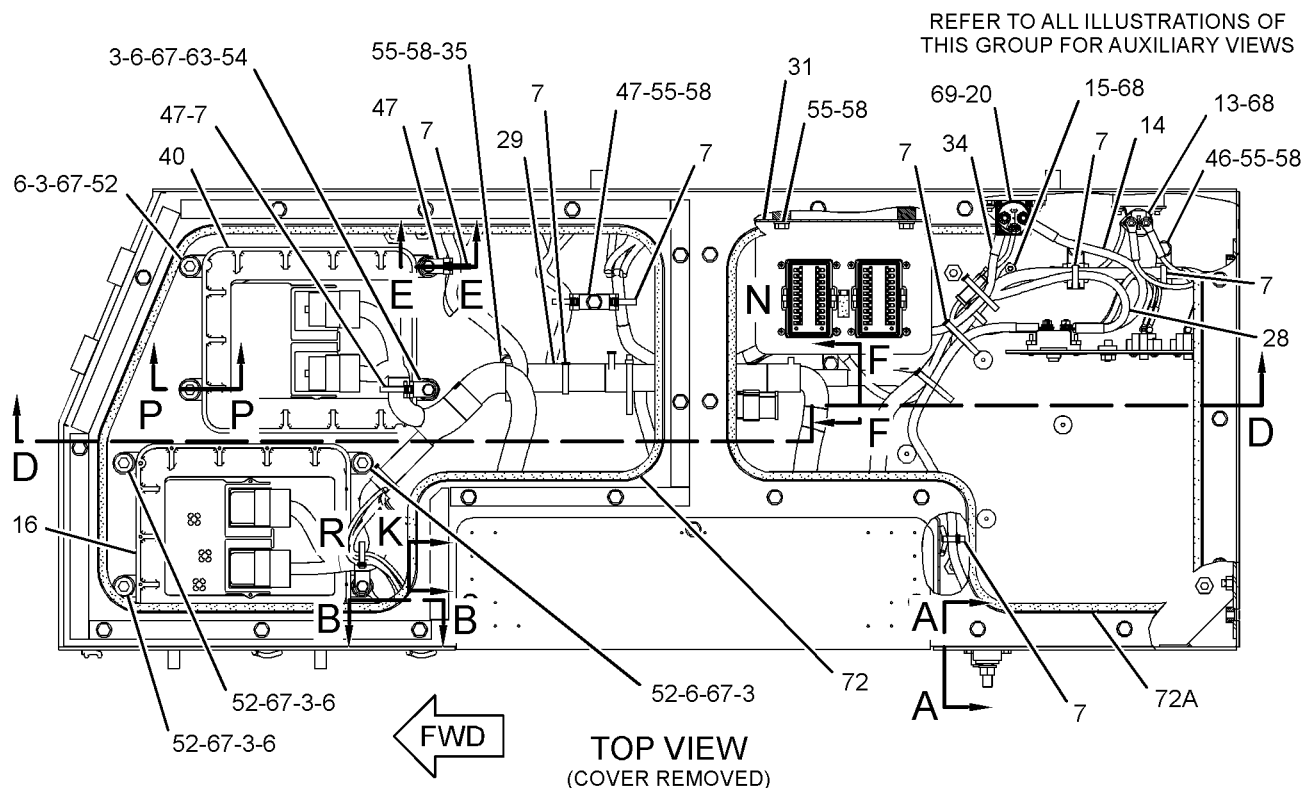
GRAPHIC #1

g01813904

ELECTRICAL AND STARTING SYSTEM

292-8134 WIRING GP-ELECTRONICS BAY (contd.)

i03453222



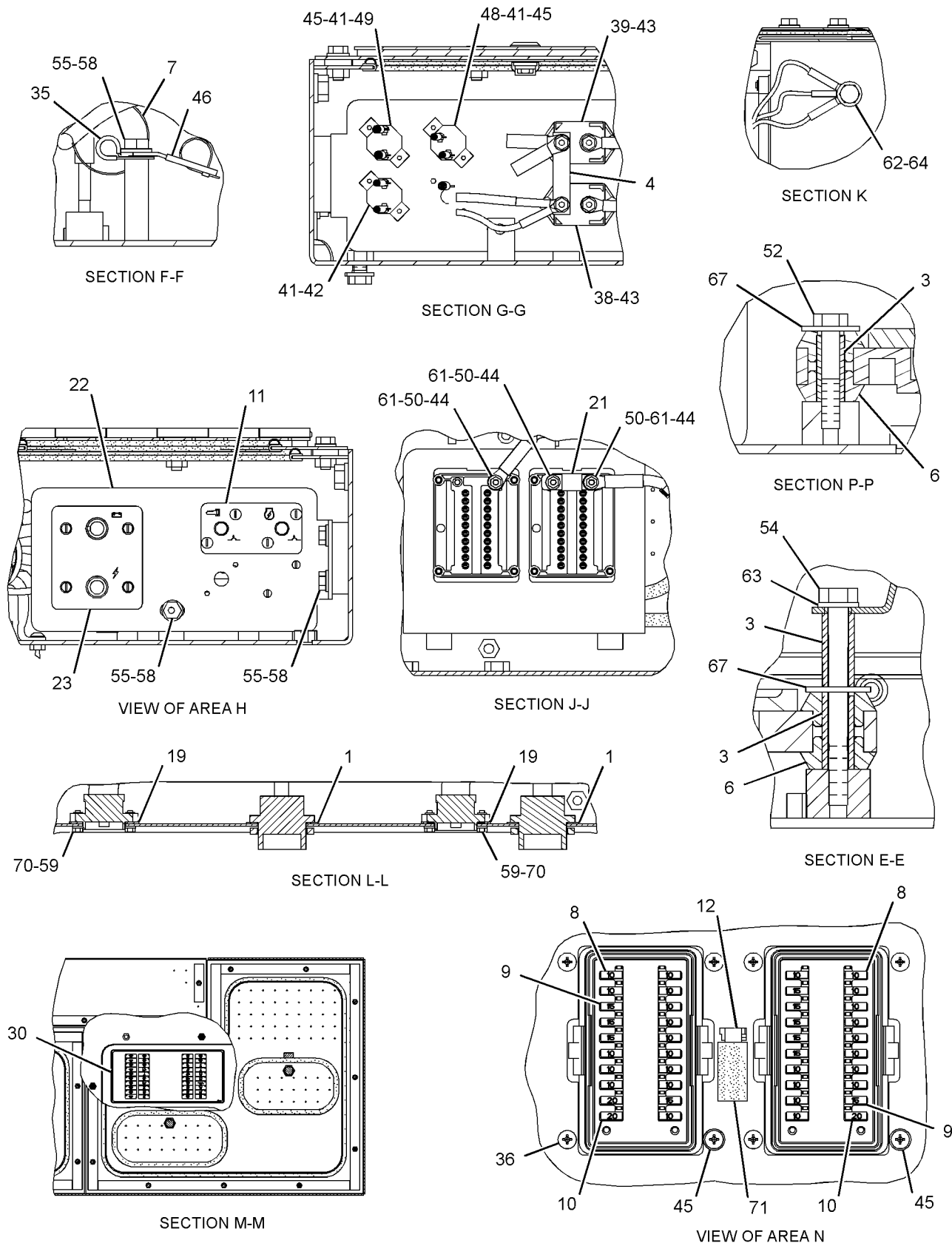
GRAPHIC #2

g01813905

ELECTRICAL AND STARTING SYSTEM

292-8134 WIRING GP-ELECTRONICS BAY (contd.)

i03453222



GRAPHIC #3

<END>

g01813906

ELECTRICAL AND STARTING SYSTEM

308-2710 WIRING GP-ELECTRONICS BAY

S/N: BXY1900-UP

PART OF 308-2729 CONTROL GP-XMSN OVERRIDE
AN ATTACHMENT

SMCS-1408, 7610, 7620

i03167861

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2, 3	3E-5239	2	RELAY AS (24-VOLT) (HORN)	
	1A	2	3E-5239	1	RELAY AS (24-VOLT) (REAR HALOGEN LIGHTS)	
	1B	2	3E-5239	1	RELAY AS (24-VOLT) (BACKLIGHT)	
	1C	2	3E-5239	1	RELAY AS (24-VOLT) (MACHINE HID FLOODLIGHTS)	
	1D	2	3E-5239	1	RELAY AS (24-VOLT) (FRONT MACHINE FLOODLIGHTS)	
	1E	2	3E-5239	1	RELAY AS (24-VOLT) (CAB HID FLOODLIGHTS)	
	1F	2	3E-5239	1	RELAY AS (24-VOLT) (FRONT MACHINE FLOODLIGHTS)	
	2	2, 3	6I-1418	14	SPACER (8.2X12.7X28.7-MM THK)	
	3	2	8T-9655	6	MOUNT-ISOLATION	
	4	2	9X-6772	1	STRAP-CABLE	
YR	5	2	192-1590	1	CONTROL GP-UNPROGRAMMED (TRANSMISSION OVERRIDE)	301
	6	4	192-7439	1	PLATE-CIRCUIT BREAKER	
	7	3	295-1300	1	WIRE AS	
	8	3	305-9882	1	HARNESS AS-CONTROL (ELECTRONICS BAY)	
		3	102-8802	1	KIT-RECEPTACLE (2-PIN)	
		3	102-8801	1	KIT-RECEPTACLE (12-PIN) (EACH KIT INCLUDES RECEPTACLE AS AND WEDGE)	
		3	3E-5519	3	PLUG AS-CONNECTOR (5-PIN)	
		3	110-6846	2	PLUG AS-CONNECTOR (40-PIN)	
		3	9X-1054	4	PLUG AS-CONNECTOR (4-PIN)	
		3	8N-1517	1	RECEPTACLE AS-CONNECTOR (25-PIN)	
		3	8N-1519	1	RECEPTACLE AS-CONNECTOR (12-PIN)	
		3	214-4208	2	RECEPTACLE AS-CONNECTOR (70-PIN)	
		3	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
		3	155-2270	1	KIT-CONNECTING PLUG (2-PIN) (EACH KIT INCLUDES PLUG AS AND WEDGE)	
		3	292-9779	2	BLOCK AS-FUSE	
9	2		305-9883	1	HARNESS AS-CONTROL (TRANSMISSION)	
		2	8N-1535	1	BELL AS-END	
		2	8N-1528	1	RECEPTACLE AS (14-PIN)	
		2	9X-6772	1	STRAP-CABLE	
		2	7K-1181	2	STRAP-CABLE	
		2	102-8801	1	KIT-RECEPTACLE (12-PIN)	
		2	102-8802	1	KIT-RECEPTACLE (2-PIN) (EACH KIT INCLUDES RECEPTACLE AS AND WEDGE)	
		2	3E-5519	1	PLUG AS-CONNECTOR (5-PIN)	
		2	150-6765	1	PLUG AS-CONNECTOR (26-PIN) (EACH KIT INCLUDES PLUG AS AND WEDGE)	
		2	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
10	2		308-2711	1	BOX AS	
		2	4E-8266	1	BOSS (M6X1X19-MM)	
M		2	7Y-8763	1	BOSS (M10X1.5X25-MM)	
M		2	9R-1733	1	BOSS (M10X1.5X66.5-MM)	
		2	264-9880	1	PLATE AS	
M		2	8T-3612	3	NUT-WELD (M8X1.25-THD)	
		2	264-9879	1	PLATE	
11	3, 4		130-5300	2	CLIP	
12	4		3D-9799	2	SCREW-MACHINE (8-32X0.875-IN)	
13	4		4B-4863	2	WASHER (4.7X11X1.2-MM THK)	
14	2		4P-8134	1	CLIP	
15	4		6T-3644	1	CIRCUIT BREAKER AS (20-AMPERE) (ROOF MOUNTED AIR CONDITIONER)	
	4		6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)	

ELECTRICAL AND STARTING SYSTEM

308-2710 WIRING GP-ELECTRONICS BAY (contd.)

i03167861

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		4	9B-7233	2	LOCKWASHER	
	16	4	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)	
M	17	4	8T-4137	1	BOLT (M10X1.5X20-MM)	
M	18	2	8T-6912	3	BOLT (M8X1.25X50-MM)	
	19	2	9N-0869	3	WASHER-HARD (8.8X25.5X2-MM THK)	
M	20	3	9X-2042	1	SCREW-TRUSS HEAD (M6X1X12-MM)	
	21	3	3D-2435	2	GASKET	
	24	4	7V-9275	1	STRAP	
	25	2	8T-3518	2	NUT-FULL (1/2-13-THD)	
	26	2,3	8T-9655	16	MOUNT-ISOLATION	
	27	2,3	9X-6772	22	STRAP-CABLE	
	28	3	113-8490	27	FUSE (10-AMPERE)	
	29	3	113-8491	10	FUSE (15-AMPERE)	
	30	3	113-8492	3	FUSE (20-AMPERE)	
	31	2	115-9346	1	PLATE-IDENTIFICATION (CIRCUIT BREAKER)	
	32	3	116-7471	1	PULLER-MINIFUSE	
Y	33	3	125-1302	1	SWITCH GP-MAGNETIC (24-VOLT) (START RELAY)	456
	34	2	141-8698	1	WIRE AS	
	35	3	142-0358	1	TUBE	
YR	36	2	172-9391	1	CONTROL GP-UNPROGRAMMED (IMPLEMENT)	300
	37	2	187-8674	1	BLOCK AS-JUNCTION	
	38	2	187-8675	1	GASKET	
	39	3	234-5925	2	GASKET	
Y	40	3	241-8368	1	SWITCH GP-MAGNETIC (24-VOLT) (MAIN RELAY)	457
	41	4	258-4142	1	BAR-BUS	
	42	2	260-3198	1	PLATE	
	43	2	260-8638	1	PLATE-IDENTIFICATION (BREAKER PANEL)	
	44	1	261-9418	1	COVER AS-ELECTRONICS BAY (CENTER)	
	45	1	261-9420	1	COVER AS-ELECTRONICS BAY (FRONT)	
Y	46	1	261-9434	1	COVER GP-ELECTRONICS BAY (REAR)	907
	47	1,2	278-7109	2	COVER	
	48	2	285-3570	1	CABLE AS	
	49	2	286-7275	1	FILM-FUSE	
	50	2	288-1683	1	SHEET	
	51	2	295-1299	1	CABLE AS	
E		2	8C-3056		CABLE (02-GA, RED) (56-CM)	
		2	9X-9120	1	BOOT (RED)	
		2	267-8338	1	TERMINAL-RING	
	52	2	299-9618	1	WIRE AS	
	53	2,3	033-8248	2	CLIP	
	54	2	107-3727	4	SCREW-PAN HEAD	
	55	3	130-5300	2	CLIP	
	56	4	171-2205	1	CIRCUIT BREAKER AS (40-AMPERE) (START RELAY)	
		4	6V-8187	2	NUT (1/4-28-THD)	
		4	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)	
		4	253-2111	2	LOCKWASHER	
	57	4	171-2212	1	CIRCUIT BREAKER AS (105-AMPERE) (MAIN)	
		4	6V-8187	2	NUT (1/4-28-THD)	
		4	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)	
		4	253-2111	2	LOCKWASHER	
YR	58	2	172-9389	1	CONTROL GP-UNPROGRAMMED (POWER TRAIN)	299
	59	4	3D-9799	6	SCREW-MACHINE (8-32X0.875-IN)	
	60	4	3T-2662	1	CIRCUIT BREAKER AS (15-AMPERE) (RUNNING LIGHTS)	
		4	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)	
		4	9B-7233	2	LOCKWASHER	
	61	4	4B-1240	4	SCREW-MACHINE (10-32X1-IN)	
	62	2	4B-4274	4	WASHER (5.5X13X1.2-MM THK)	
	63	4	4B-4863	4	WASHER (4.7X11X1.2-MM THK)	
	64	2,3	4P-7581	3	CLIP	

ELECTRICAL AND STARTING SYSTEM

308-2710 WIRING GP-ELECTRONICS BAY (contd.)

i03167861

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	65	2, 3	4P-8134	5	CLIP						
	66	4	6T-3642	1	CIRCUIT BREAKER AS (10-AMPERE) (KEY SWITCH)						
		4	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)						
		4	9B-7233	2	LOCKWASHER						
	67	4	6T-3643	1	CIRCUIT BREAKER AS (15-AMPERE) (ENGINE ECM)						
		4	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)						
		4	9B-7233	2	LOCKWASHER						
	68	4	6V-8185	3	NUT (1/4-20-THD)						
	69	2	7F-0560	2	WASHER (0.516X0.938X0.101-IN THK)						
M	70	2, 3	7X-0818	5	BOLT (M8X1.25X45-MM)						
	71	2	8T-0328	4	WASHER-HARD (5.5X10X1-MM THK)						
M	72	2	8T-3647	3	BOLT (M8X1.25X80-MM)						
	73	1, 2, 3	8T-4121	39	WASHER-HARD (11X21X2.5-MM THK)						
M	74	1, 2	8T-4133	2	NUT (M10X1.5-THD)						
M	75	1	8T-4136	24	BOLT (M10X1.5X25-MM)						
M	76	2, 3	8T-4137	10	BOLT (M10X1.5X20-MM)						
M	77	3	8T-4138	8	BOLT (M6X1X20-MM)						
M	78	1	8T-4196	3	BOLT (M10X1.5X35-MM)						
	79	4	8T-4205	3	WASHER-HARD (7.2X14.5X2-MM THK)						
	80	4	8T-4223	3	WASHER-HARD (13.5X25.5X3-MM THK)						
	81	2	8T-4224	3	WASHER-HARD (8.8X16X2-MM THK)						
M	82	4	8T-4244	3	NUT (M12X1.75-THD)						
M	83	2	8T-5432	4	BOLT (M5X0.8X16-MM)						
	84	3	9F-9327	8	SCREW-MACHINE (10-32X0.375-IN)						
	85	2, 3	9N-0869	8	WASHER-HARD (8.8X25.5X2-MM THK)						
M	86	2, 3	9X-2042	11	SCREW-TRUSS HEAD (M6X1X12-MM)						
M	87	3	9X-2044	2	SCREW-TRUSS HEAD (M6X1X16-MM)						
	88	3	9X-8256	8	WASHER (6.6X12X2-MM THK)						
E	89	3	103-2543		SEAL (3-CM)						
B	90	2	177-4122		SEAL (231-CM)						
B	90A	2	177-4122		SEAL (214-CM)						

B-USE AS REQUIRED

E-ORDER BY THE CENTIMETER

M-METRIC PART

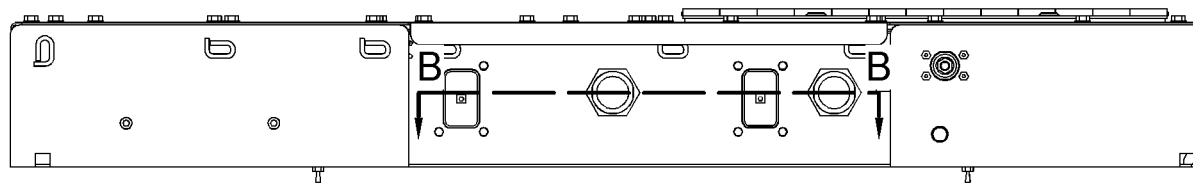
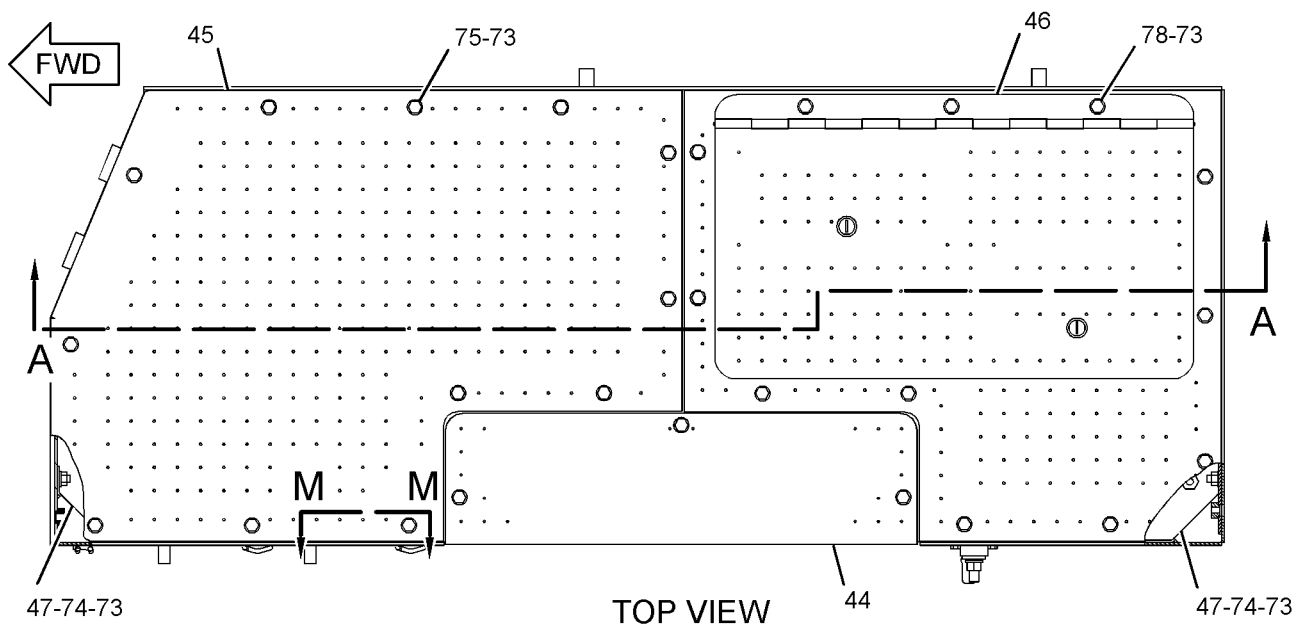
R-REMFG PART MAY BE AVAILABLE

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

308-2710 WIRING GP-ELECTRONICS BAY (contd.)

i03167861



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

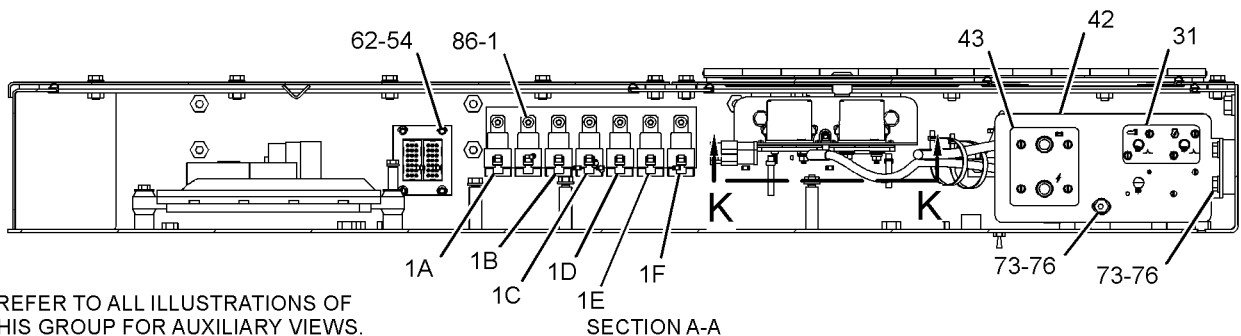
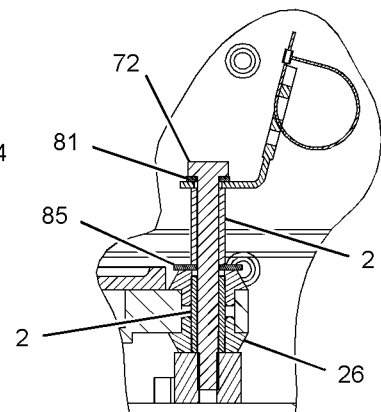
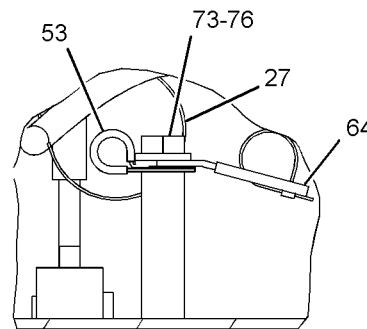
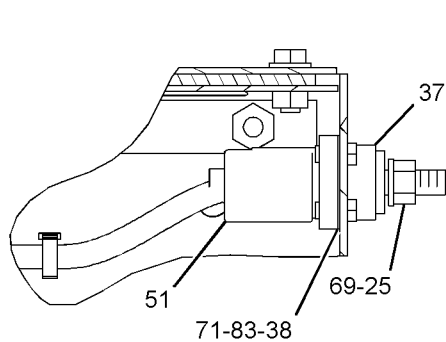
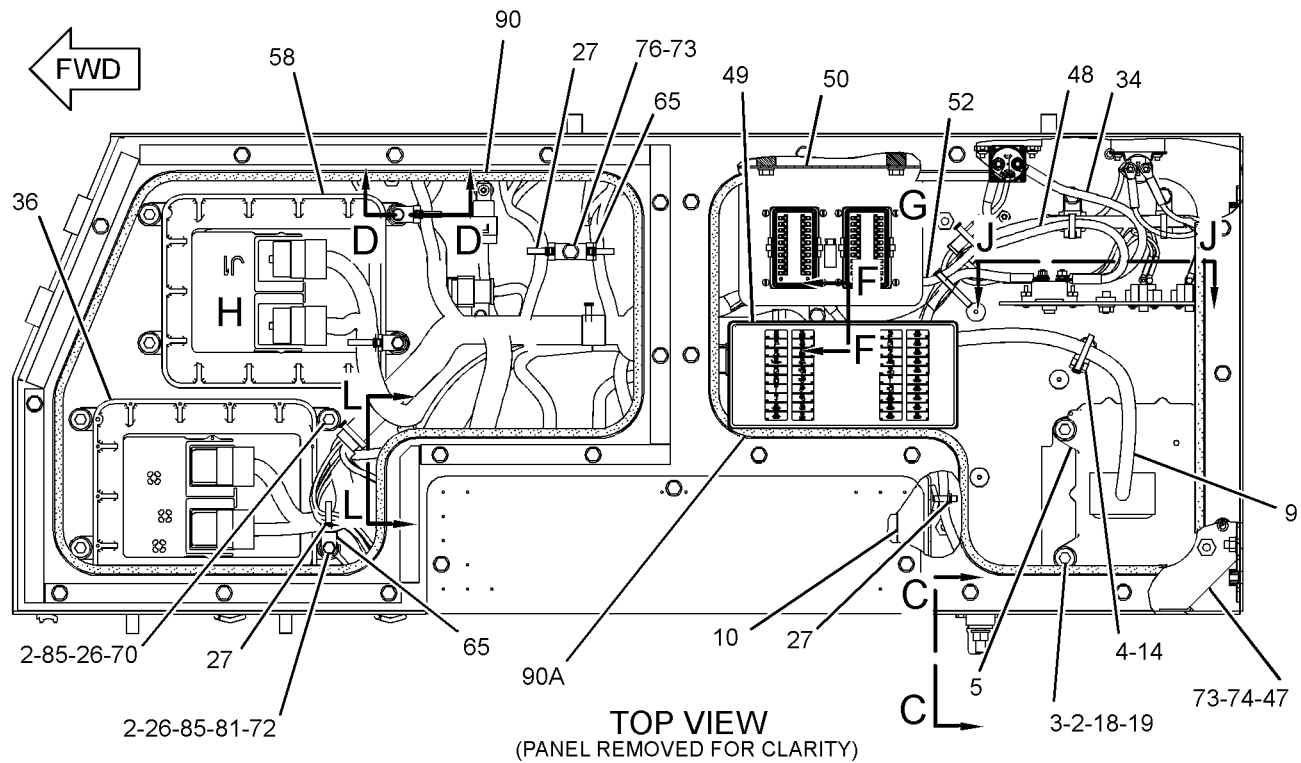
GRAPHIC #1

g01371760

ELECTRICAL AND STARTING SYSTEM

308-2710 WIRING GP-ELECTRONICS BAY (contd.)

i03167861



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS.

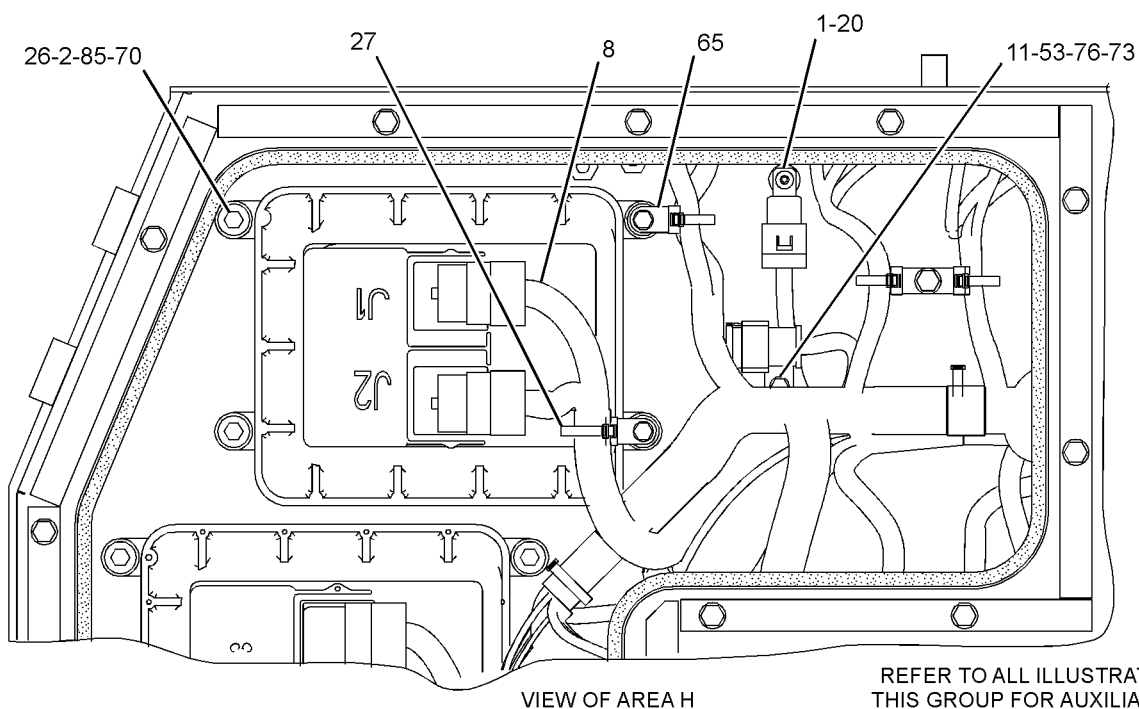
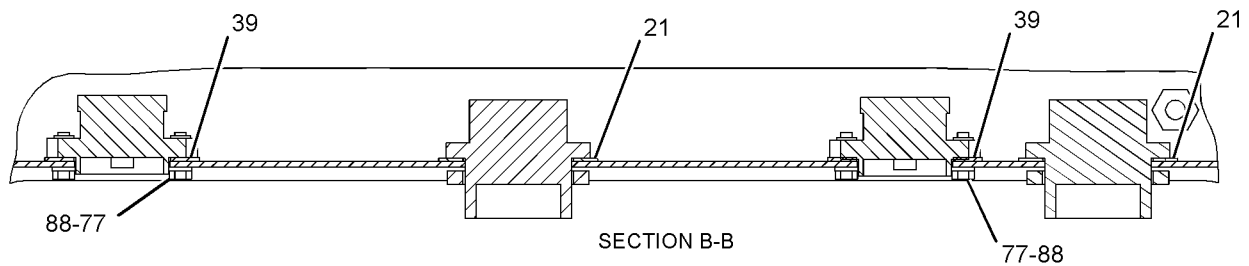
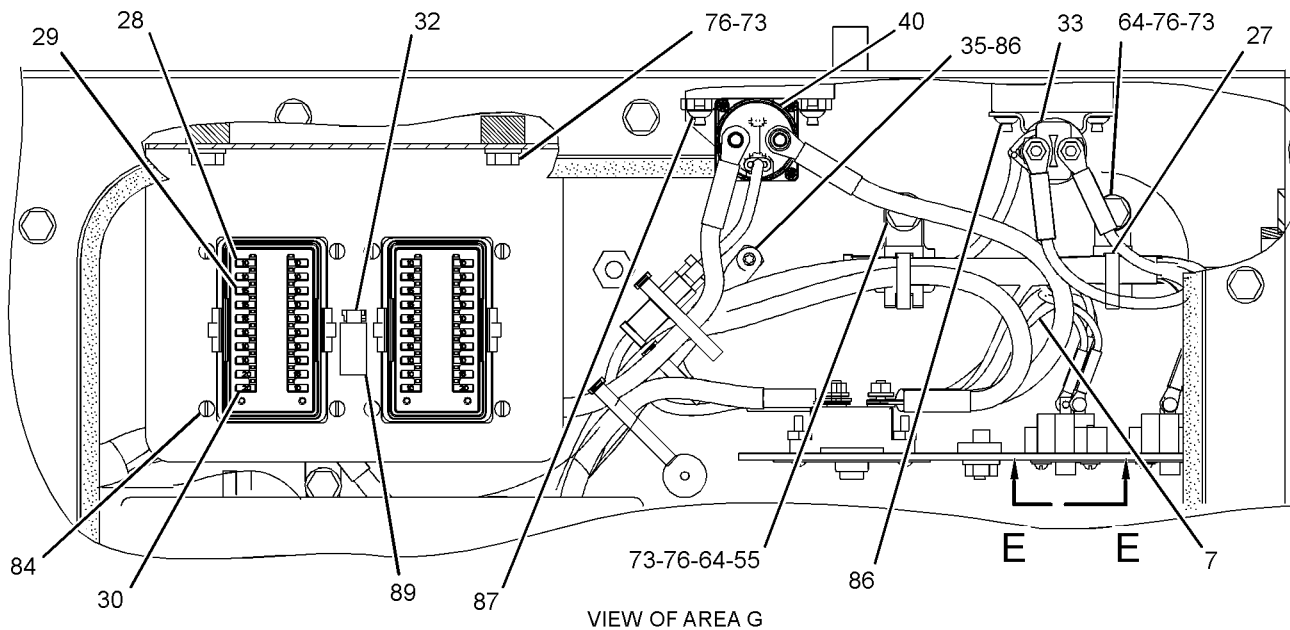
GRAPHIC #2

g01371761

ELECTRICAL AND STARTING SYSTEM

308-2710 WIRING GP-ELECTRONICS BAY (contd.)

i03167861



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

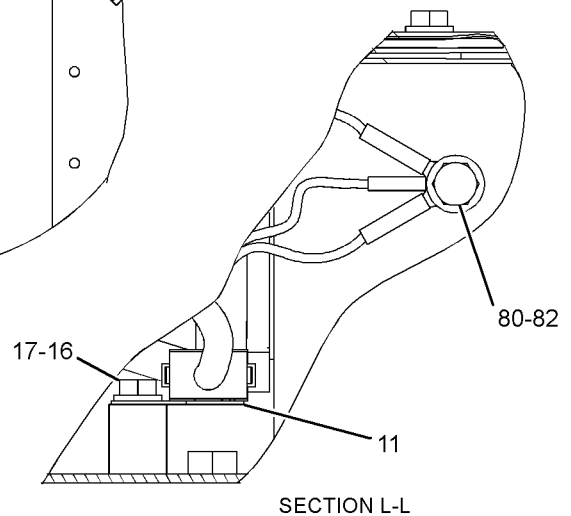
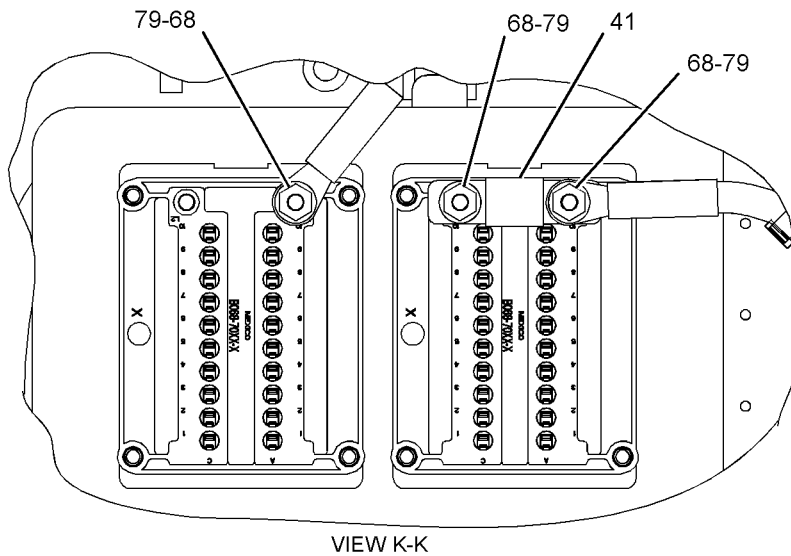
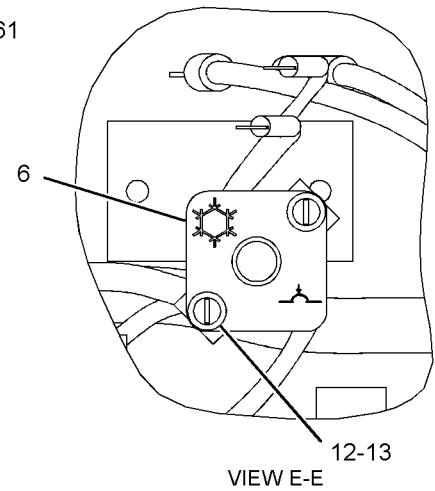
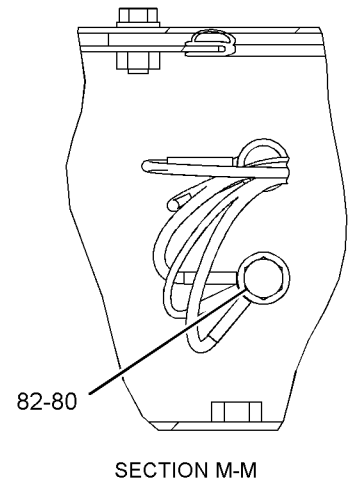
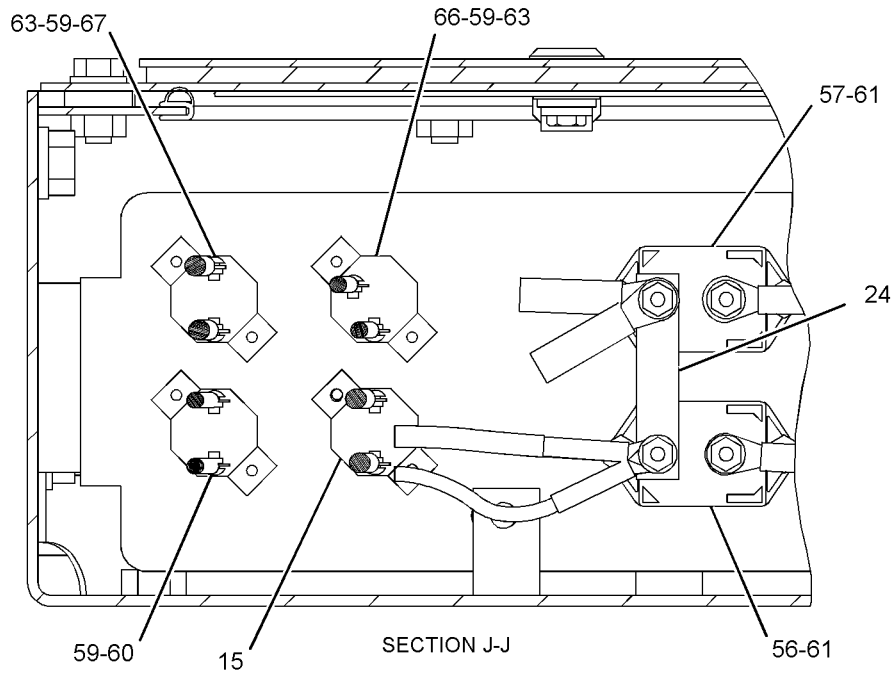
GRAPHIC #3

g01371762

ELECTRICAL AND STARTING SYSTEM

308-2710 WIRING GP-ELECTRONICS BAY (contd.)

i03167861



GRAPHIC #4

<END>

g01373073

ELECTRICAL AND STARTING SYSTEM

309-0972 WIRING GP-ELECTRONICS BAY

S/N: BXY4000-UP

PART OF 352-8266 CONVERSION AR-MACHINE
AN ATTACHMENT

SMCS-1408, 7610, 7620

i03795273

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3D-2435	1	GASKET						
	2	2	3E-5239	1	RELAY AS (24-VOLT) (REAR HID FLOODLIGHTS)						
	2A	2	3E-5239	1	RELAY AS (24-VOLT) (HORN)						
	2B	2	3E-5239	1	RELAY AS (24-VOLT) (BACKLIGHT)						
	2C	2	3E-5239	1	RELAY AS (24-VOLT)						
	2D	2	3E-5239	1	RELAY AS (24-VOLT) (FRONT MACHINE FLOODLIGHTS)						
	2E	2	3E-5239	1	RELAY AS (24-VOLT) (CAB HID FLOODLIGHTS)						
	2F	2	3E-5239	1	RELAY AS (24-VOLT) (FRONT MACHINE FLOODLIGHTS)						
	3	2,3	6I-1418	13	SPACER (8.2X12.7X28.7-MM THK)						
	4	3	7V-9275	1	STRAP						
	5	2	8T-3518	2	NUT-FULL (1/2-13-THD)						
	6	2,3	8T-9655	16	MOUNT-ISOLATION						
B	7	2,3,4	9X-6772	25	STRAP-CABLE						
	8	4	113-8490	27	FUSE (10-AMPERE)						
	9	4	113-8491	10	FUSE (15-AMPERE)						
	10	4	113-8492	3	FUSE (20-AMPERE)						
	11	3	115-9346	1	PLATE-IDENTIFICATION (CIRCUIT BREAKER)						
	12	4	116-7471	1	PULLER-MINIFUSE						
Y	13	4	125-1302	1	SWITCH GP-MAGNETIC (24-VOLT) (START RELAY)						456
	14	2	133-3489	1	PLATE AS						
		2	9D-4439	4	STUD-WELD (3/8-16X1-IN)						
	15	4	141-8698	1	WIRE AS						
	16	4	142-0358	1	TUBE						
	17	3	171-2205	1	CIRCUIT BREAKER AS (40-AMPERE) (START RELAY)						
		3	6V-8187	2	NUT (1/4-28-THD)						
		3	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)						
		3	253-2111	2	LOCKWASHER						
	18	3	171-2212	1	CIRCUIT BREAKER AS (105-AMPERE) (MAIN)						
		3	6V-8187	2	NUT (1/4-28-THD)						
		3	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)						
		3	253-2111	2	LOCKWASHER						
	19	2	187-8674	1	BLOCK AS-JUNCTION						
	20	2	187-8675	1	GASKET						
	21	3	192-7439	1	PLATE-CIRCUIT BREAKER						
	22	1	234-5925	3	GASKET						
Y	23	4	241-8368	1	SWITCH GP-MAGNETIC (24-VOLT) (MAIN RELAY)						457
	24	3	258-4142	1	BAR-BUS						
	25	3	260-3198	1	PLATE						
	26	3	260-8638	1	PLATE-IDENTIFICATION (BREAKER PANEL)						
	27	1	261-9418	1	COVER AS-ELECTRONICS BAY (CENTER)						
Y	28	1	261-9434	1	COVER GP-ELECTRONICS BAY (REAR)						907
	29	1	278-7109	2	COVER						
	30	4	285-3570	1	CABLE AS						
D		4	6V-2369		CABLE (4-GA, BLACK) (0.7-M)						
E		4	125-7876		TUBE-HEAT SHRINK (17.78-MM DIA) (4-CM)						
		4	9G-4343	1	TERMINAL-RING (4-GA, 1/4-IN SCREW)						
	31	4	288-1683	1	SHEET						
	32	1	294-2251	1	FILM-FUSE						
	33	2	295-1299	1	CABLE AS						
		2	8C-3056	56	CABLE (2-GA, RED)						
		2	9X-9120	1	BOOT (RED)						
E		2	6V-9023		TUBE-HEAT SHRINK (12.7-MM DIA) (3-CM)						
		2	030-1712	1	TERMINAL-RING (2-GA, 1/4-IN SCREW)						

ELECTRICAL AND STARTING SYSTEM

309-0972 WIRING GP-ELECTRONICS BAY (contd.)

i03795273

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
E		2	125-7876		TUBE-HEAT SHRINK (17.78-MM DIA) (4-CM)						
		2	267-8338	1	TERMINAL-RING						
	34	3	295-1300	1	WIRE AS						
	35	4	299-9618	1	WIRE AS						
	36	2	309-2710	1	HARNESS AS-CONTROL (ELECTRONICS BAY)						
		2	102-8802	1	KIT-RECEPTACLE (2-PIN)						
		2	102-8801	1	KIT-RECEPTACLE (12-PIN)						
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)						
		2	3E-5519	3	PLUG AS-CONNECTOR (5-PIN)						
		2	110-6846	1	PLUG AS-CONNECTOR (40-PIN)						
		2	110-6844	1	SEAL (INTERFACE)						
		2	7G-7917	6	PLUG-SEAL						
		2	7G-7918	1	PLUG-SEAL						
		2	7G-7920	2	PLUG-SEAL						
		2	7R-2750	26	SEAL-CONNECTOR						
		2	7R-2751	14	PLUG-CONNECTOR						
		2	8N-1517	1	RECEPTACLE AS-CONNECTOR (25-PIN)						
		2	8N-1522	1	NUT (2-1/4-16-THD)						
		2	8N-1540	3	PIN-CONNECTOR (12-GA TO 14-GA)						
		2	8N-1542	2	PIN-CONNECTOR (10-GA)						
		2	8N-1544	1	PIN-CONNECTOR (8-GA)						
		2	8T-8737	180	PLUG-SEAL						
		2	9X-1054	4	PLUG AS-CONNECTOR (4-PIN)						
		2	9X-1056	27	TERMINAL-RECEPTACLE (14-GA TO 16-GA)						
		2	9X-3401	143	PIN-CONNECTOR (16-GA TO 18-GA)						
		2	9X-3402	156	SOCKET-CONNECTOR (16-GA TO 18-GA)						
		2	9X-6856	10	PIN-CONNECTOR (16-GA TO 18-GA)						
		2	100-5041	1	TERMINAL-RECEPTACLE (18-GA TO 20-GA)						
		2	110-6848	1	PLUG AS-CONNECTOR (40-PIN)						
		2	110-6844	1	SEAL (INTERFACE)						
		2	115-3082	2	JUNCTION BLOCK						
		2	115-3083	1	BRACKET-BLOCK CONNECTOR						
E		2	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (46-CM)						
E		2	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (10-CM)						
E		2	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (25-CM)						
		2	126-1767	14	PIN-CONNECTOR (14-GA)						
		2	126-1768	7	SOCKET-CONNECTOR (14-GA)						
E		2	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (4-CM)						
		2	2L-8050	1	TERMINAL-RING (6-GA, 1/4-IN SCREW)						
					-OR-						
		2	2L-8058	1	TERMINAL-RING (8-GA, 1/4-IN SCREW)						
E		2	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (4-CM)						
		2	2L-8065	1	TERMINAL-RING (10-GA TO 12-GA, NO. 8 SCREW)						
E		2	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (4-CM)						
		2	2L-8067	1	TERMINAL-RING (10-GA TO 12-GA, 1/4-IN SCREW)						
E		2	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (4-CM)						
		2	2L-8071	1	TERMINAL-RING (10-GA TO 12-GA, 1/2-IN SCREW)						
E		2	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (3-CM)						
		2	2L-8075	1	TERMINAL-RING (14-GA TO 16-GA, NO. 8 SCREW)						
E		2	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (3-CM)						
		2	2L-8081	1	TERMINAL-RING (14-GA TO 16-GA, 1/2-IN SCREW)						
		2	147-1445	1	PLUG AS-CONNECTOR (70-PIN)						
		2	159-9322	1	SEAL-O-RING						
		2	147-1446	1	PLUG AS-CONNECTOR (70-PIN)						
		2	159-9322	1	SEAL-O-RING						
		2	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						

ELECTRICAL AND STARTING SYSTEM

309-0972 WIRING GP-ELECTRONICS BAY (contd.)

i03795273

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
		2	202-0314	26	TERMINAL AS						
					(EACH INCLUDES)						
		2	128-4123	1	SEAL						
		2	214-4208	2	RECEPTACLE AS-CONNECTOR (70-PIN)						
		2	224-2735	1	RECEPTACLE AS (70-PIN)						
		2	292-9779	2	BLOCK AS-FUSE						
					(EACH INCLUDES)						
		2	306-0350	1	COVER						
		2	306-0351	1	SEAL-COVER						
Y	37	2	322-3621	1	CONTROL GP-UNPROGRAMMED (IMPLEMENT)						303
	38	1	335-1304	1	COVER AS-ELECTRONICS BAY (FRONT)						
	39	1	336-4317	1	ENCLOSURE AS-ELECTRONICS BAY						
	40	2	033-8248	2	CLIP						
	41	2, 4	107-3727	12	SCREW-PAN HEAD						
	42	3	130-5300	1	CLIP						
YR	43	2	172-9389	1	CONTROL GP-UNPROGRAMMED (POWER TRAIN)						299
	44	3	1H-3244	3	LOCKWASHER						
	45	3	3D-9799	8	SCREW-MACHINE (8-32X0.875-IN)						
	46	3	3T-2662	1	CIRCUIT BREAKER AS (15-AMPERE) (RUNNING LIGHTS)						
		3	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)						
		3	9B-7233	2	LOCKWASHER						
	47	3	4B-1240	4	SCREW-MACHINE (10-32X1-IN)						
	48	2, 3, 4	4B-4863	12	WASHER (4.7X11X1.2-MM THK)						
	49	2, 3, 4	4P-7581	3	CLIP						
	50	2, 3	4P-8134	7	CLIP						
M	51	3	5C-2890	3	NUT (M6X1-THD)						
	52	3	6T-3642	1	CIRCUIT BREAKER AS (10-AMPERE) (KEY SWITCH)						
		3	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)						
		3	9B-7233	2	LOCKWASHER						
	53	3	6T-3643	1	CIRCUIT BREAKER AS (15-AMPERE) (ENGINE ECM)						
		3	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)						
		3	9B-7233	2	LOCKWASHER						
	54	3	6T-3644	1	CIRCUIT BREAKER AS (20-AMPERE) (ROOF MOUNTED AIR CONDITIONER)						
		3	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)						
		3	9B-7233	2	LOCKWASHER						
	55	2	6V-8801	2	NUT (3/8-16-THD)						
	56	2	7F-0560	2	WASHER (0.516X0.938X0.101-IN THK)						
	57	2	7X-0589	2	WASHER-HARD (12X28.5X5-MM THK)						
M	58	2, 3	7X-0818	3	BOLT (M8X1.25X45-MM)						
	59	2	8T-0328	4	WASHER-HARD (5.5X10X1-MM THK)						
M	60	2, 3	8T-3647	5	BOLT (M8X1.25X80-MM)						
	61	1, 2, 3, 4	8T-4121	39	WASHER-HARD (11X21X2.5-MM THK)						
M	62	1	8T-4133	2	NUT (M10X1.5-THD)						
M	63	1	8T-4136	24	BOLT (M10X1.5X25-MM)						
M	64	2, 3, 4	8T-4137	10	BOLT (M10X1.5X20-MM)						
M	65	1	8T-4138	12	BOLT (M6X1X20-MM)						
M	66	1	8T-4139	2	BOLT (M12X1.75X30-MM)						
M	67	2	8T-4192	3	BOLT (M12X1.75X25-MM)						
M	68	1	8T-4196	3	BOLT (M10X1.5X35-MM)						
	69	3	8T-4205	3	WASHER-HARD (7.2X14.5X2-MM THK)						
	70	1, 2	8T-4223	5	WASHER-HARD (13.5X25.5X3-MM THK)						
	71	2, 3	8T-4224	3	WASHER-HARD (8.8X16X2-MM THK)						
	72	2	8T-4896	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
M	73	2	8T-5432	4	BOLT (M5X0.8X16-MM)						

ELECTRICAL AND STARTING SYSTEM

309-0972 WIRING GP-ELECTRONICS BAY (contd.)

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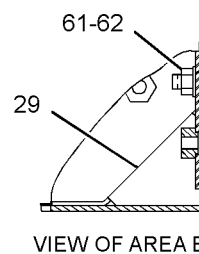
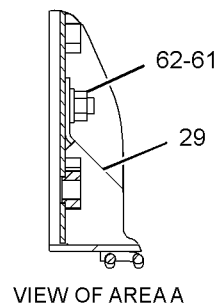
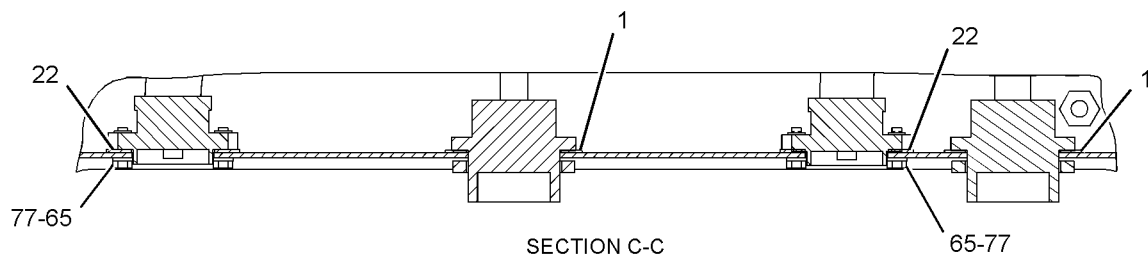
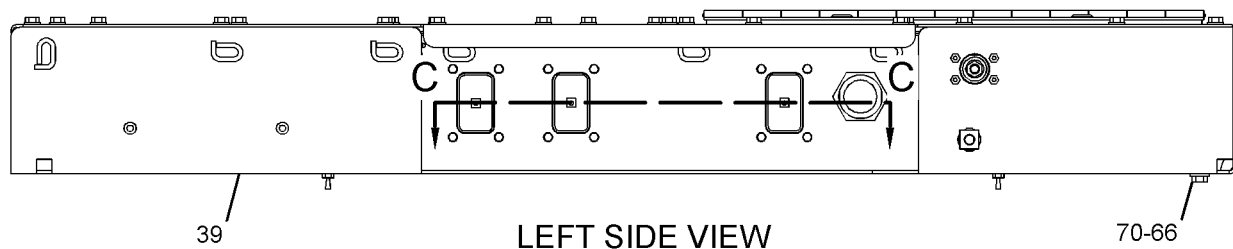
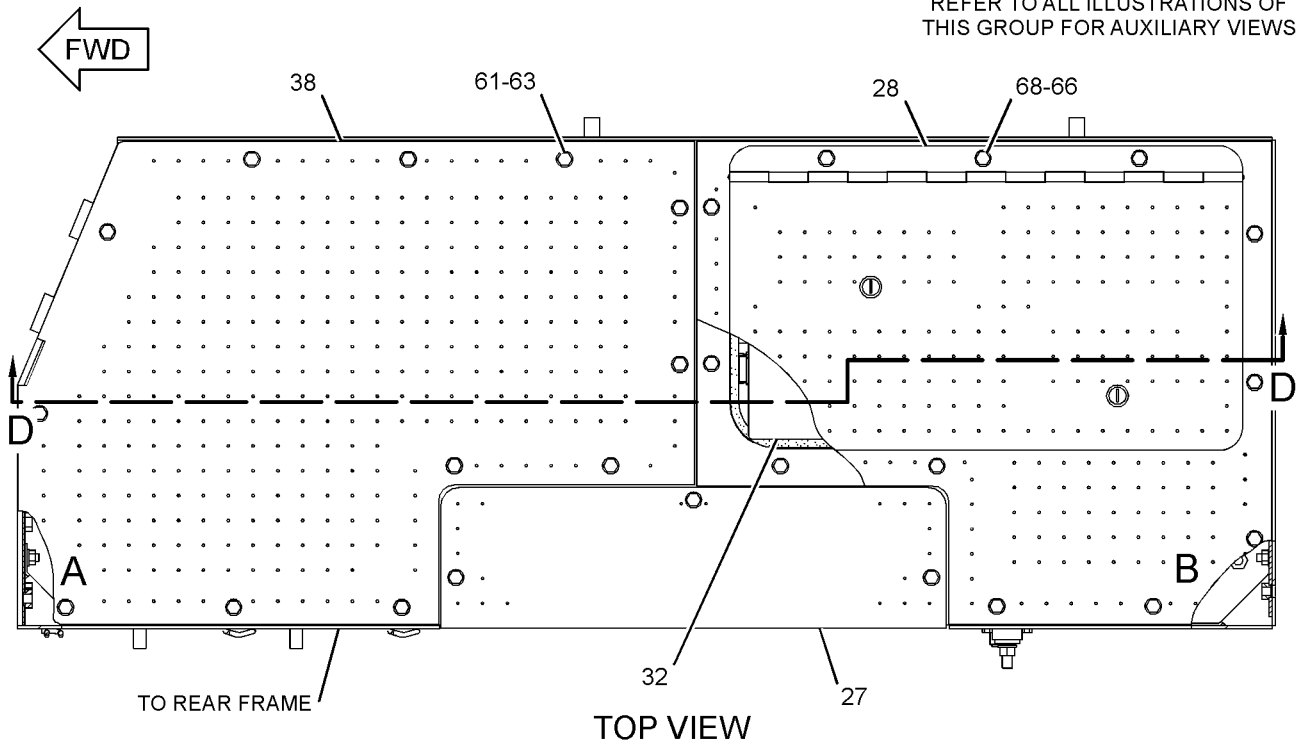
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	74	2, 3	9N-0869	8	WASHER-HARD (8.8X25.5X2-MM THK)	
M	75	2, 4	9X-2042	11	SCREW-TRUSS HEAD (M6X1X12-MM)	
M	76	4	9X-2044	2	SCREW-TRUSS HEAD (M6X1X16-MM)	
	77	1	9X-8256	12	WASHER (6.6X12X2-MM THK)	
E	78	2	177-4122		SEAL (214-CM)	
E	78A	2	177-4122		SEAL (231-CM)	
E	79	4	103-2543		SEAL (3-CM)	
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

309-0972 WIRING GP-ELECTRONICS BAY (contd.)

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REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



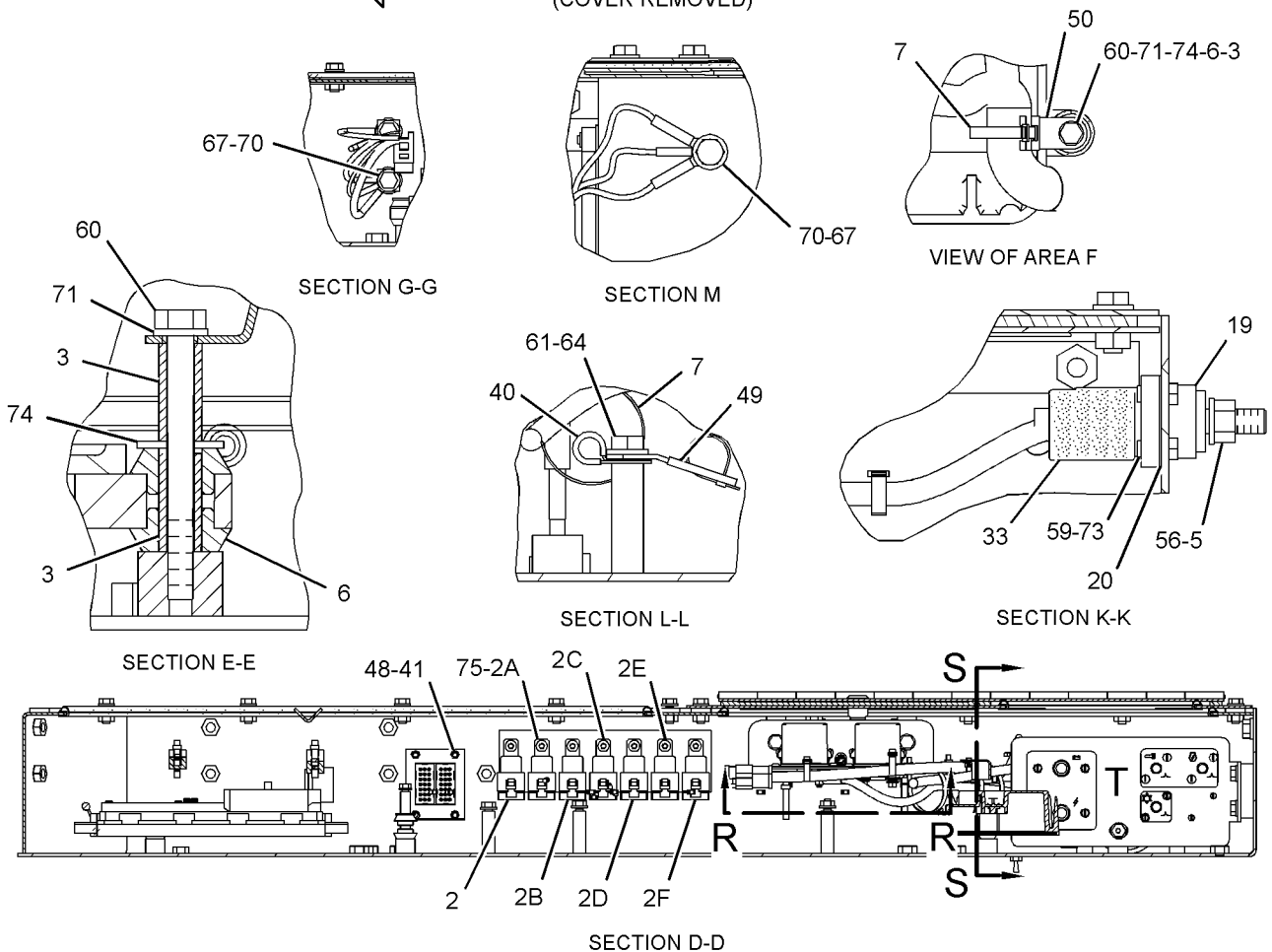
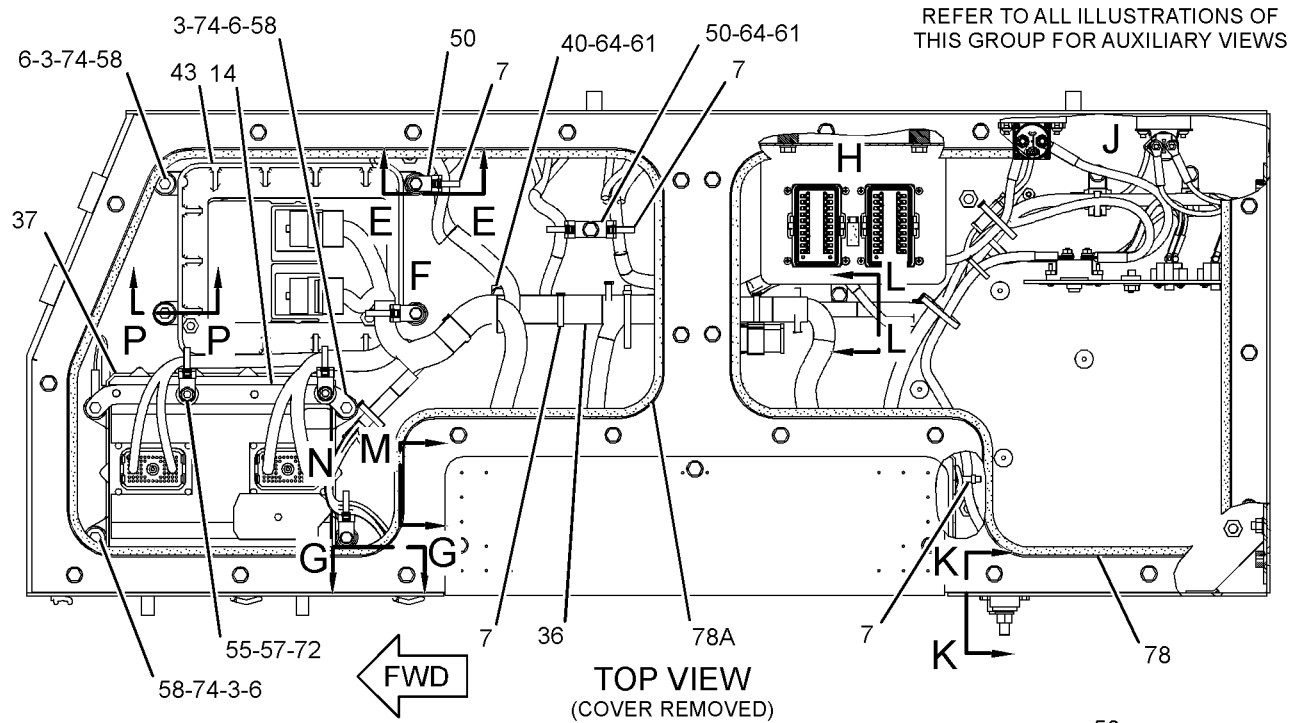
GRAPHIC #1

g02066415

ELECTRICAL AND STARTING SYSTEM

309-0972 WIRING GP-ELECTRONICS BAY (contd.)

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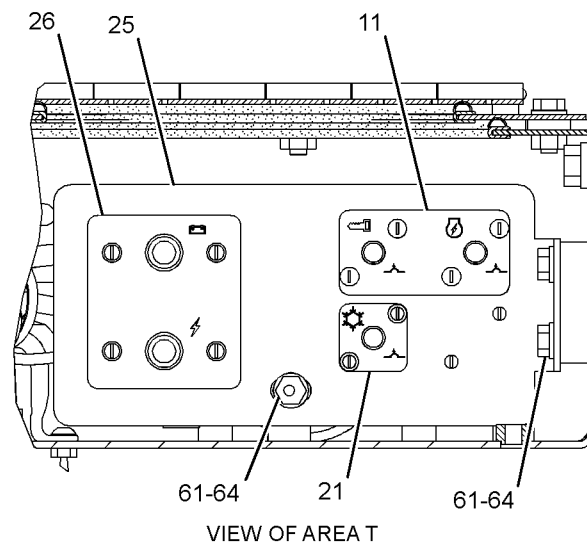
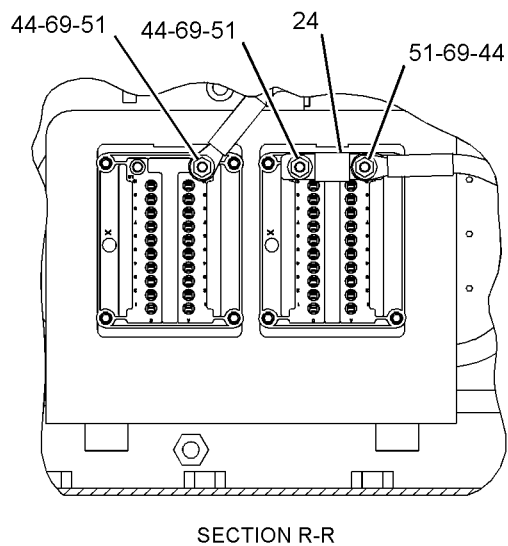
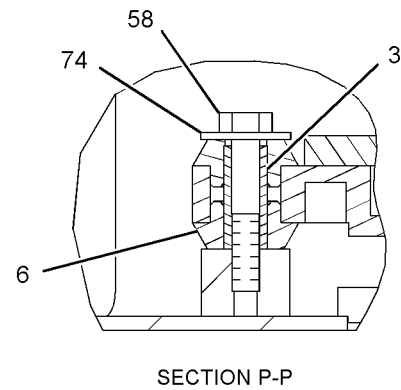
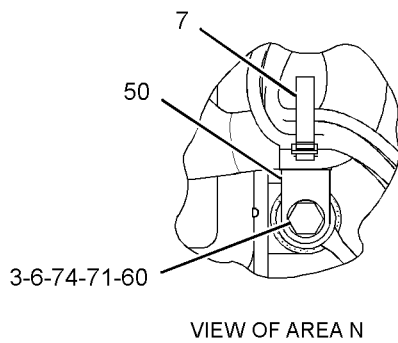
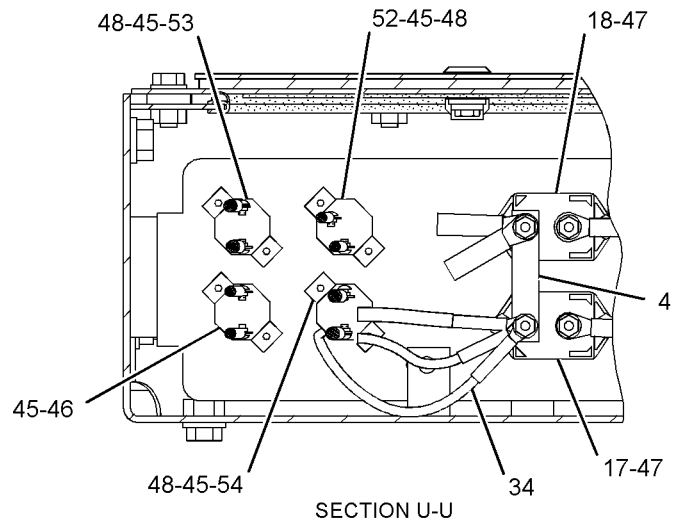
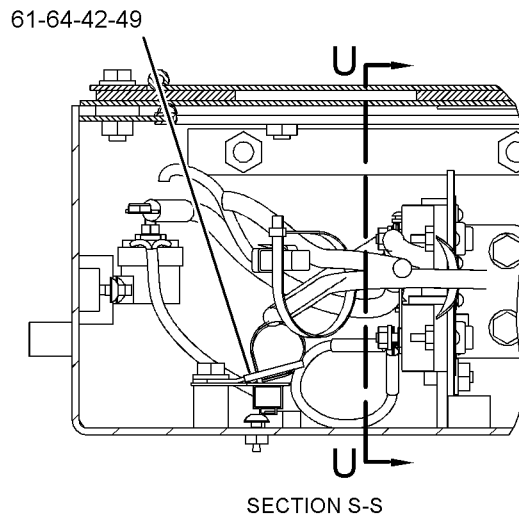
GRAPHIC #2

q02066417

ELECTRICAL AND STARTING SYSTEM

309-0972 WIRING GP-ELECTRONICS BAY (contd.)

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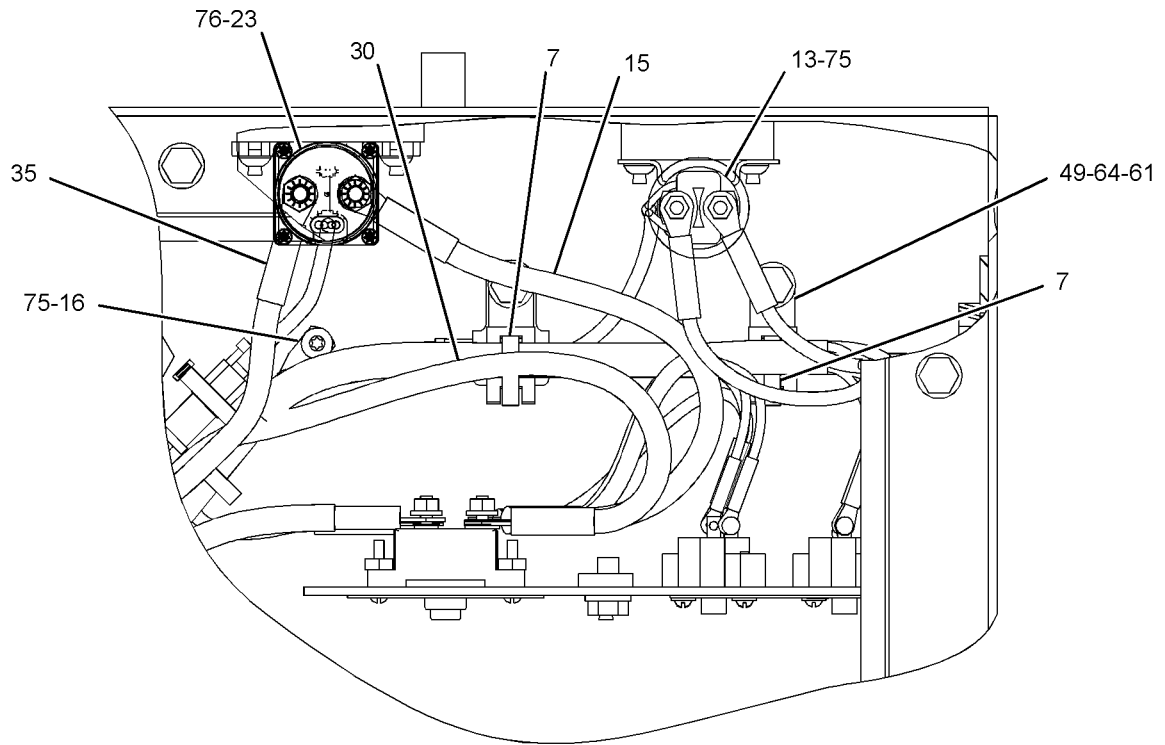
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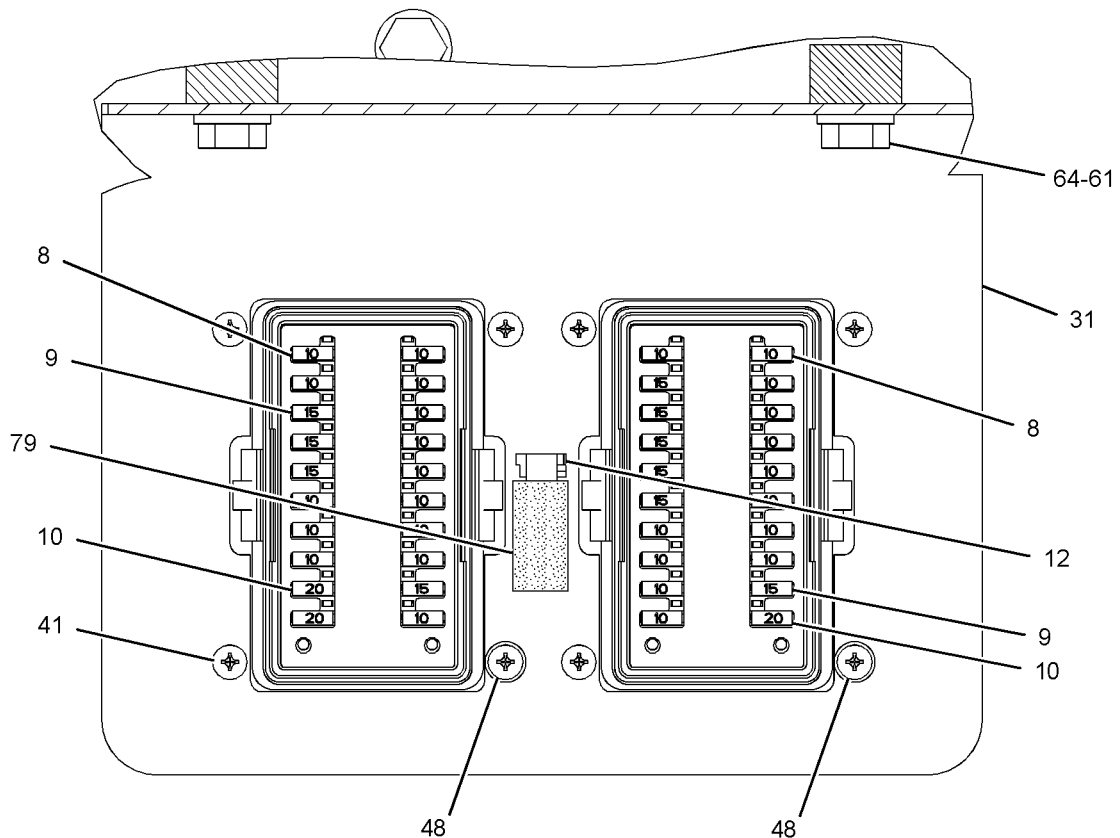
ELECTRICAL AND STARTING SYSTEM

309-0972 WIRING GP-ELECTRONICS BAY (contd.)

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VIEW OF AREA J



VIEW OF AREA H

<END>

GRAPHIC #4

g02066419

ELECTRICAL AND STARTING SYSTEM

309-0973 WIRING GP-ELECTRONICS BAY-WITH PRODUCT LINK

S/N: BXY4000-UP

PART OF 345-0516 INSTALLATION AR-COMMUNICATION
AN ATTACHMENT

SMCS-1408, 7610, 7620

i03796060

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3D-2435	1	GASKET	
	2	2	3E-5239	1	RELAY AS (24-VOLT) (REAR HID FLOODLIGHTS)	
	2A	2	3E-5239	1	RELAY AS (24-VOLT) (HORN)	
	2B	2	3E-5239	1	RELAY AS (24-VOLT) (BACKLIGHT)	
	2C	2	3E-5239	1	RELAY AS (24-VOLT) (MACHINE HID FLOODLIGHTS)	
	2D	2	3E-5239	1	RELAY AS (24-VOLT) (FRONT MACHINE FLOODLIGHTS)	
	2E	2	3E-5239	1	RELAY AS (24-VOLT) (CAB HID FLOODLIGHTS)	
	2F	2	3E-5239	1	RELAY AS (24-VOLT) (FRONT MACHINE FLOODLIGHTS)	
	3	2,3	6I-1418	13	SPACER (8.2X12.7X28.7-MM THK)	
	4	3	7V-9275	1	STRAP	
	5	3	8C-5607	8	MOUNT-ISOLATION	
	6	3	8C-5608	4	SPACER (6.5X9.5X25.4-MM THK)	
	7	2	8T-3518	2	NUT-FULL (1/2-13-THD)	
	8	2,3	8T-9655	16	MOUNT-ISOLATION	
B	9	2,3,4	9X-6772	27	STRAP-CABLE	
	10	4	113-8490	27	FUSE (10-AMPERE)	
	11	4	113-8491	10	FUSE (15-AMPERE)	
	12	4	113-8492	3	FUSE (20-AMPERE)	
	13	3	115-9346	1	PLATE-IDENTIFICATION (CIRCUIT BREAKER)	
	14	4	116-7471	1	PULLER-MINIFUSE	
Y	15	4	125-1302	1	SWITCH GP-MAGNETIC (24-VOLT) (START RELAY)	456
	16	2	133-3489	1	PLATE AS	
		2	9D-4439	4	STUD-WELD (3/8-16X1-IN)	
	17	4	141-8698	1	WIRE AS	
	18	4	142-0358	1	TUBE	
	19	3	171-2205	1	CIRCUIT BREAKER AS (40-AMPERE) (START RELAY)	
		3	6V-8187	2	NUT (1/4-28-THD)	
		3	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)	
		3	253-2111	2	LOCKWASHER	
	20	3	171-2212	1	CIRCUIT BREAKER AS (105-AMPERE) (MAIN)	
		3	6V-8187	2	NUT (1/4-28-THD)	
		3	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)	
		3	253-2111	2	LOCKWASHER	
	21	2	187-8674	1	BLOCK AS-JUNCTION	
	22	2	187-8675	1	GASKET	
	23	3	192-7439	1	PLATE-CIRCUIT BREAKER	
	24	1	234-5925	3	GASKET	
Y	25	4	241-8368	1	SWITCH GP-MAGNETIC (24-VOLT) (MAIN RELAY)	457
	26	3	258-4142	1	BAR-BUS	
	27	3	260-3198	1	PLATE	
	28	3	260-8638	1	PLATE-IDENTIFICATION (BREAKER PANEL)	
	29	1	261-9418	1	COVER AS-ELECTRONICS BAY (CENTER)	
Y	30	1	261-9434	1	COVER GP-ELECTRONICS BAY (REAR)	907
Y	31	2	262-1421	1	ELECTRONICS GP-COMMUNICATION (PRODUCT LINK 300)	306
	32	2	270-6873	1	HARNESS AS-POWER	
		2	8T-8729	10	PIN-CONNECTOR (16-GA TO 18-GA)	
		2	8T-8730	11	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		2	8T-8737	58	PLUG-SEAL	
		2	9W-0844	2	SOCKET-CONNECTOR (14-GA)	
		2	9W-0852	1	PIN-CONNECTOR (14-GA)	
		2	9X-6772	2	STRAP-CABLE	

ELECTRICAL AND STARTING SYSTEM

309-0973 WIRING GP-ELECTRONICS BAY (contd.)

i03796060

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	102-8801	1	KIT-RECEPTACLE (12-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		2	126-1774	1	COVER-CONNECTOR						
		2	160-7690	1	PLUG AS-CONNECTOR (70-PIN)						
		2	159-9322	1	SEAL-O-RING						
	33	1	278-7109	2	COVER						
	34	4	285-3570	1	CABLE AS						
D		4	6V-2369		CABLE (4-GA, BLACK) (0.7-M)						
E		4	125-7876		TUBE-HEAT SHRINK (17.78-MM DIA) (4-CM)						
		4	9G-4343	1	TERMINAL-RING (4-GA, 1/4-IN SCREW)						
	35	4	288-1683	1	SHEET						
	36	2	295-1299	1	CABLE AS						
E		2	8C-3056		CABLE (2-GA, RED) (56-CM)						
		2	9X-9120	1	BOOT (RED)						
E		2	6V-9023		TUBE-HEAT SHRINK (12.7-MM DIA) (3-CM)						
		2	030-1712	1	TERMINAL-RING (2-GA, 1/4-IN SCREW)						
		2	125-7876	4	TUBE-HEAT SHRINK (17.78-MM DIA)						
		2	267-8338	1	TERMINAL-RING						
	37	3	295-1300	1	WIRE AS						
	38	4	299-9618	1	WIRE AS						
	39	2	309-2710	1	HARNESS AS-CONTROL (ELECTRONICS BAY)						
		2	102-8802	1	KIT-RECEPTACLE (2-PIN)						
		2	102-8801	1	KIT-RECEPTACLE (12-PIN)						
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)						
		2	3E-5519	3	PLUG AS-CONNECTOR (5-PIN)						
		2	110-6846	1	PLUG AS-CONNECTOR (40-PIN)						
		2	110-6844	1	SEAL (INTERFACE)						
		2	7G-7917	6	PLUG-SEAL						
		2	7G-7918	1	PLUG-SEAL						
		2	7G-7920	2	PLUG-SEAL						
		2	7R-2750	26	SEAL-CONNECTOR						
		2	7R-2751	14	PLUG-CONNECTOR						
		2	8N-1517	1	RECEPTACLE AS-CONNECTOR (25-PIN)						
		2	8N-1522	1	NUT (2-1/4-16-THD)						
		2	8N-1540	3	PIN-CONNECTOR (12-GA TO 14-GA)						
		2	8N-1542	2	PIN-CONNECTOR (10-GA)						
		2	8N-1544	1	PIN-CONNECTOR (8-GA)						
		2	8T-8737	180	PLUG-SEAL						
		2	9X-1054	4	PLUG AS-CONNECTOR (4-PIN)						
		2	9X-1056	27	TERMINAL-RECEPTACLE (14-GA TO 16-GA)						
		2	9X-3401	143	PIN-CONNECTOR (16-GA TO 18-GA)						
		2	9X-3402	156	SOCKET-CONNECTOR (16-GA TO 18-GA)						
		2	9X-6856	10	PIN-CONNECTOR (16-GA TO 18-GA)						
		2	100-5041	1	TERMINAL-RECEPTACLE (18-GA TO 20-GA)						
		2	110-6848	1	PLUG AS-CONNECTOR (40-PIN)						
		2	110-6844	1	SEAL (INTERFACE)						
		2	115-3082	2	JUNCTION BLOCK						
		2	115-3083	1	BRACKET-BLOCK CONNECTOR						
E		2	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (46-CM)						
E		2	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (10-CM)						
E		2	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (25-CM)						
		2	126-1767	14	PIN-CONNECTOR (14-GA)						
		2	126-1768	7	SOCKET-CONNECTOR (14-GA)						
E		2	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (4-CM)						
		2	2L-8050	1	TERMINAL-RING (6-GA, 1/4-IN SCREW)						
					-OR-						
		2	2L-8058	1	TERMINAL-RING (8-GA, 1/4-IN SCREW)						
E		2	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (4-CM)						
		2	2L-8065	1	TERMINAL-RING (10-GA TO 12-GA, NO. 8 SCREW)						

ELECTRICAL AND STARTING SYSTEM

309-0973 WIRING GP-ELECTRONICS BAY (contd.)

i03796060

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
E		2	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (4-CM)						
		2	2L-8067	1	TERMINAL-RING (10-GA TO 12-GA, 1/4-IN SCREW)						
E		2	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (4-CM)						
		2	2L-8071	1	TERMINAL-RING (10-GA TO 12-GA, 1/2-IN SCREW)						
E		2	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (3-CM)						
		2	2L-8075	1	TERMINAL-RING (14-GA TO 16-GA, NO. 8 SCREW)						
E		2	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (3-CM)						
		2	2L-8081	1	TERMINAL-RING (14-GA TO 16-GA, 1/2-IN SCREW)						
		2	147-1445	1	PLUG AS-CONNECTOR (70-PIN)						
		2	159-9322	1	SEAL-O-RING						
		2	147-1446	1	PLUG AS-CONNECTOR (70-PIN)						
		2	159-9322	1	SEAL-O-RING						
		2	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
		2	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
		2	202-0314	26	TERMINAL AS (EACH INCLUDES)						
		2	128-4123	1	SEAL						
		2	214-4208	2	RECEPTACLE AS-CONNECTOR (70-PIN)						
		2	224-2735	1	RECEPTACLE AS (70-PIN)						
		2	292-9779	2	BLOCK AS-FUSE (EACH INCLUDES)						
		2	306-0350	1	COVER						
		2	306-0351	1	SEAL-COVER						
	40	1	321-6256	1	FILM						
Y	41	2	322-3621	1	CONTROL GP-UNPROGRAMMED (IMPLEMENT)						303
	42	1	335-1304	1	COVER AS-ELECTRONICS BAY (FRONT)						
	43	1	336-4317	1	ENCLOSURE AS-ELECTRONICS BAY						
	44	2	033-8248	2	CLIP						
	45	2, 4	107-3727	12	SCREW-PAN HEAD						
	46	3	130-5300	1	CLIP						
YR	47	2	172-9389	1	CONTROL GP-UNPROGRAMMED (POWER TRAIN)						299
	48	3	1H-3244	3	LOCKWASHER						
	49	3	3D-9799	8	SCREW-MACHINE (8-32X0.875-IN)						
	50	3	3T-2662	1	CIRCUIT BREAKER AS (15-AMPERE) (RUNNING LIGHTS)						
		3	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)						
		3	9B-7233	2	LOCKWASHER						
	51	3	4B-1240	4	SCREW-MACHINE (10-32X1-IN)						
	52	2, 3, 4	4B-4863	12	WASHER (4.7X11X1.2-MM THK)						
	53	2, 3, 4	4P-7581	3	CLIP						
	54	2, 3	4P-8134	7	CLIP						
M	55	3	5C-2890	3	NUT (M6X1-THD)						
	56	3	6T-3642	1	CIRCUIT BREAKER AS (10-AMPERE) (KEY SWITCH)						
		3	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)						
		3	9B-7233	2	LOCKWASHER						
	57	3	6T-3643	1	CIRCUIT BREAKER AS (15-AMPERE) (ENGINE ECM)						
		3	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)						
		3	9B-7233	2	LOCKWASHER						
	58	3	6T-3644	1	CIRCUIT BREAKER AS (20-AMPERE) (ROOF MOUNTED AIR CONDITIONER)						
		3	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)						
		3	9B-7233	2	LOCKWASHER						
	59	2	6V-8801	2	NUT (3/8-16-THD)						
	60	2	7F-0560	2	WASHER (0.516X0.938X0.101-IN THK)						
	61	2	7X-0589	2	WASHER-HARD (12X28.5X5-MM THK)						

ELECTRICAL AND STARTING SYSTEM

309-0973 WIRING GP-ELECTRONICS BAY (contd.)

i03796060

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	62	2, 3	7X-0818	3	BOLT (M8X1.25X45-MM)						
M	63	3	8C-8451	4	BOLT (M6X1X40-MM)						
	64	2	8T-0328	4	WASHER-HARD (5.5X10X1-MM THK)						
M	65	2, 3	8T-3647	5	BOLT (M8X1.25X80-MM)						
	66	1, 2, 3, 4	8T-4121	39	WASHER-HARD (11X21X2.5-MM THK)						
M	67	1	8T-4133	2	NUT (M10X1.5-THD)						
M	68	1	8T-4136	24	BOLT (M10X1.5X25-MM)						
M	69	2, 3, 4	8T-4137	10	BOLT (M10X1.5X20-MM)						
M	70	1	8T-4138	12	BOLT (M6X1X20-MM)						
M	71	1	8T-4139	2	BOLT (M12X1.75X30-MM)						
M	72	2	8T-4192	3	BOLT (M12X1.75X25-MM)						
M	73	1	8T-4196	3	BOLT (M10X1.5X35-MM)						
	74	3	8T-4205	3	WASHER-HARD (7.2X14.5X2-MM THK)						
	75	1, 2	8T-4223	5	WASHER-HARD (13.5X25.5X3-MM THK)						
	76	2, 3	8T-4224	3	WASHER-HARD (8.8X16X2-MM THK)						
	77	2	8T-4896	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
M	78	2	8T-5432	4	BOLT (M5X0.8X16-MM)						
	79	2, 3	9N-0869	8	WASHER-HARD (8.8X25.5X2-MM THK)						
M	80	2, 4	9X-2042	11	SCREW-TRUSS HEAD (M6X1X12-MM)						
M	81	4	9X-2044	2	SCREW-TRUSS HEAD (M6X1X16-MM)						
	82	3	9X-6165	4	WASHER (6.5X22X2.5-MM THK)						
	83	1	9X-8256	12	WASHER (6.6X12X2-MM THK)						
E	84	2	177-4122		SEAL (214-CM)						
E	84A	2	177-4122		SEAL (231-CM)						
E	85	4	103-2543		SEAL (3-CM)						

B-USE AS REQUIRED

D-ORDER BY THE METER

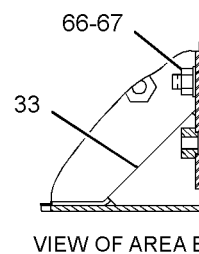
E-ORDER BY THE CENTIMETER

M-METRIC PART

R-REMFG PART MAY BE AVAILABLE

Y-SEPARATE ILLUSTRATION

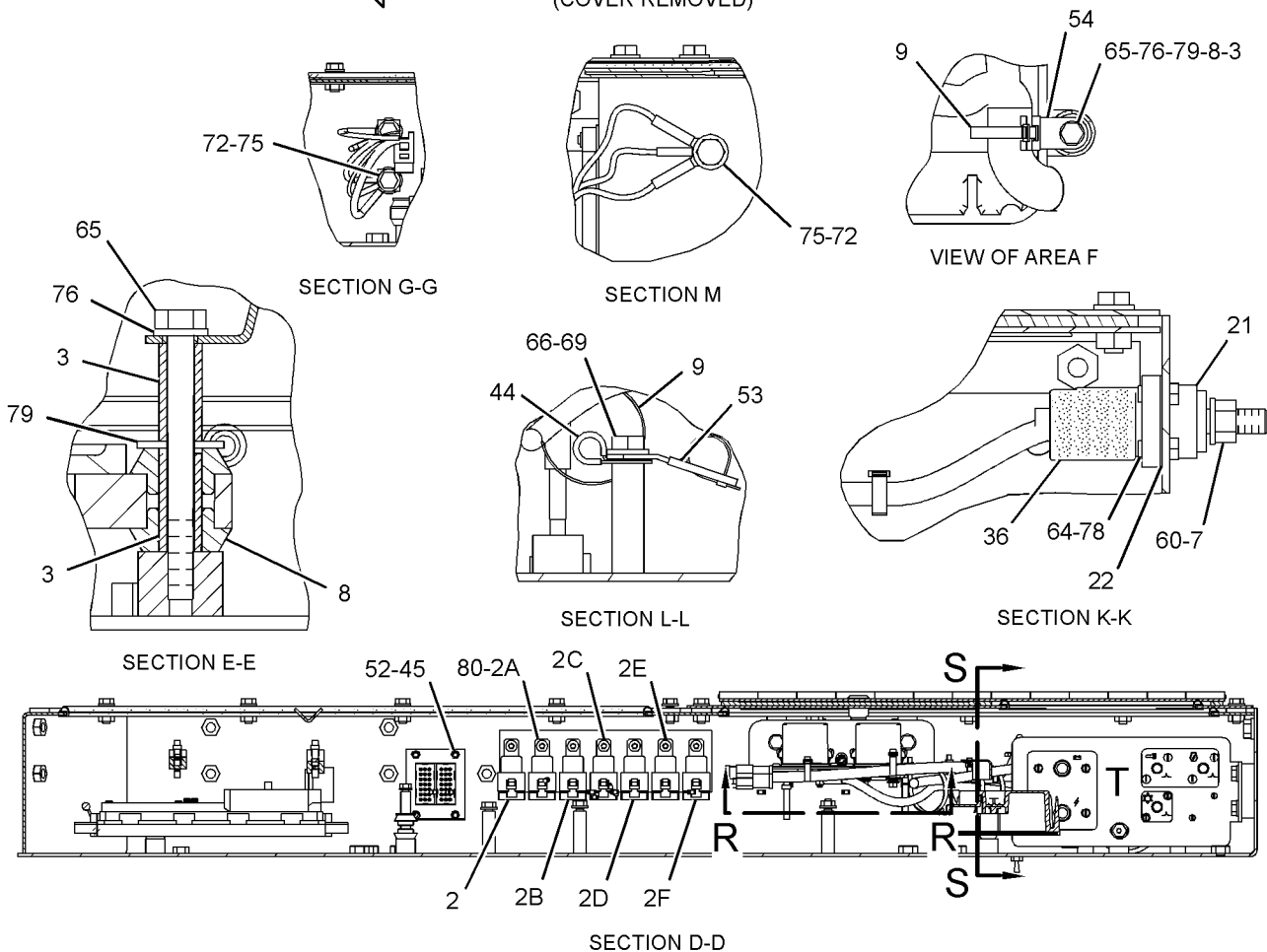
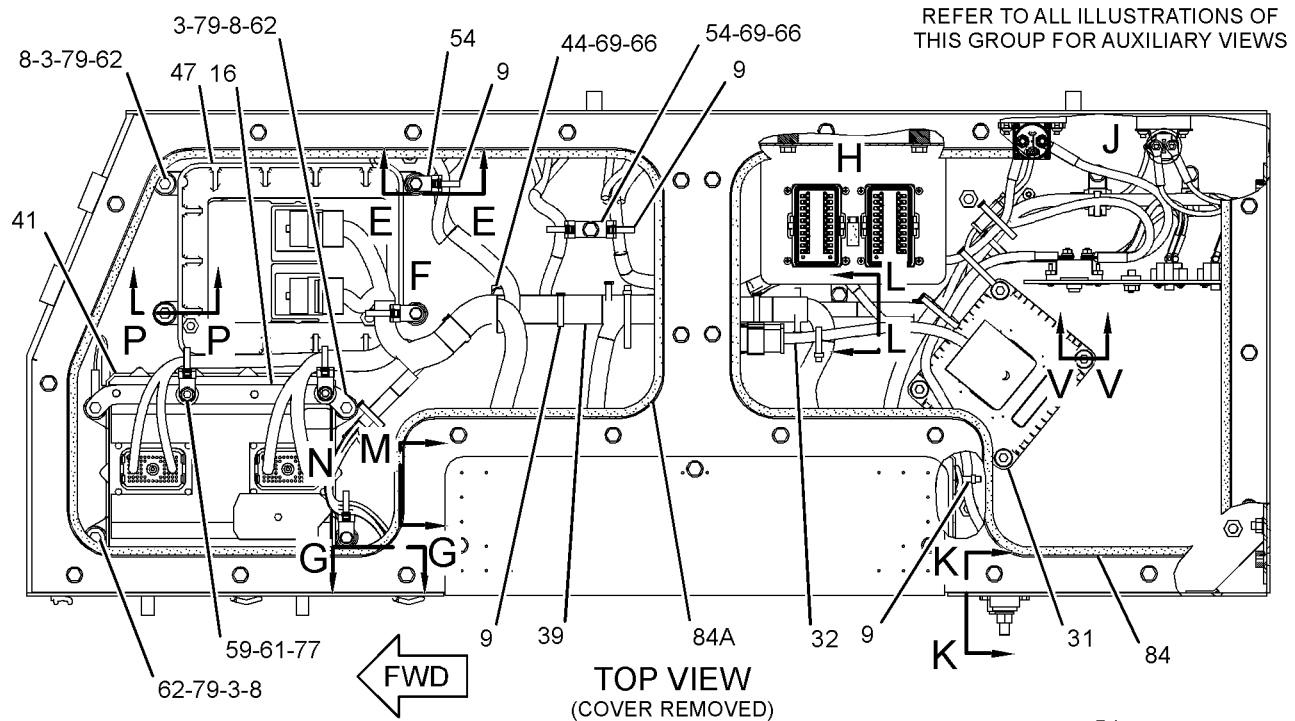
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ELECTRICAL AND STARTING SYSTEM

309-0973 WIRING GP-ELECTRONICS BAY (contd.)

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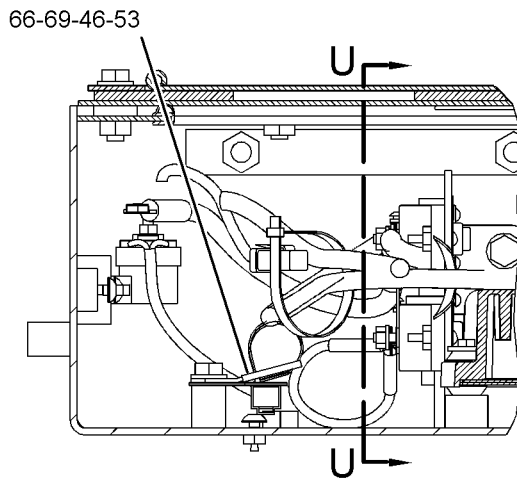
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g02066016

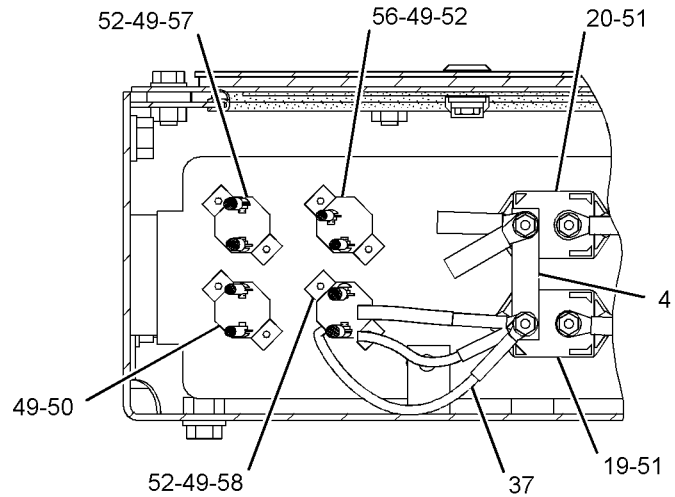
ELECTRICAL AND STARTING SYSTEM

309-0973 WIRING GP-ELECTRONICS BAY (contd.)

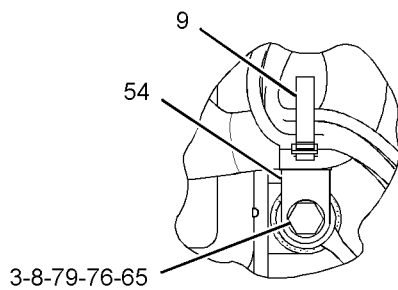
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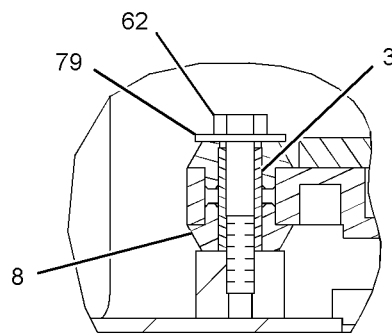
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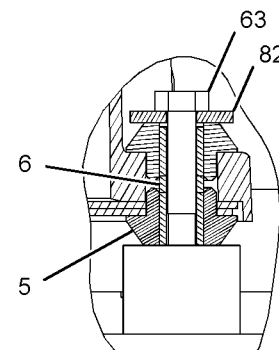
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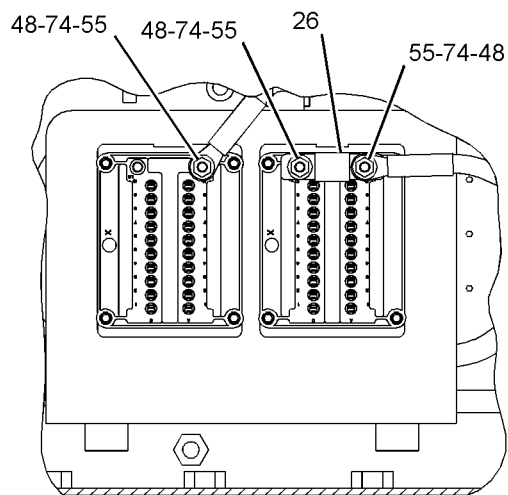
VIEW OF AREA N



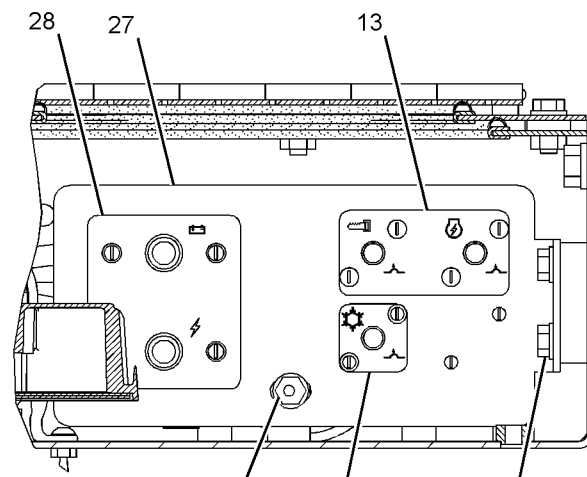
SECTION P-P



SECTION V-V



SECTION R-R



VIEW OF AREA T

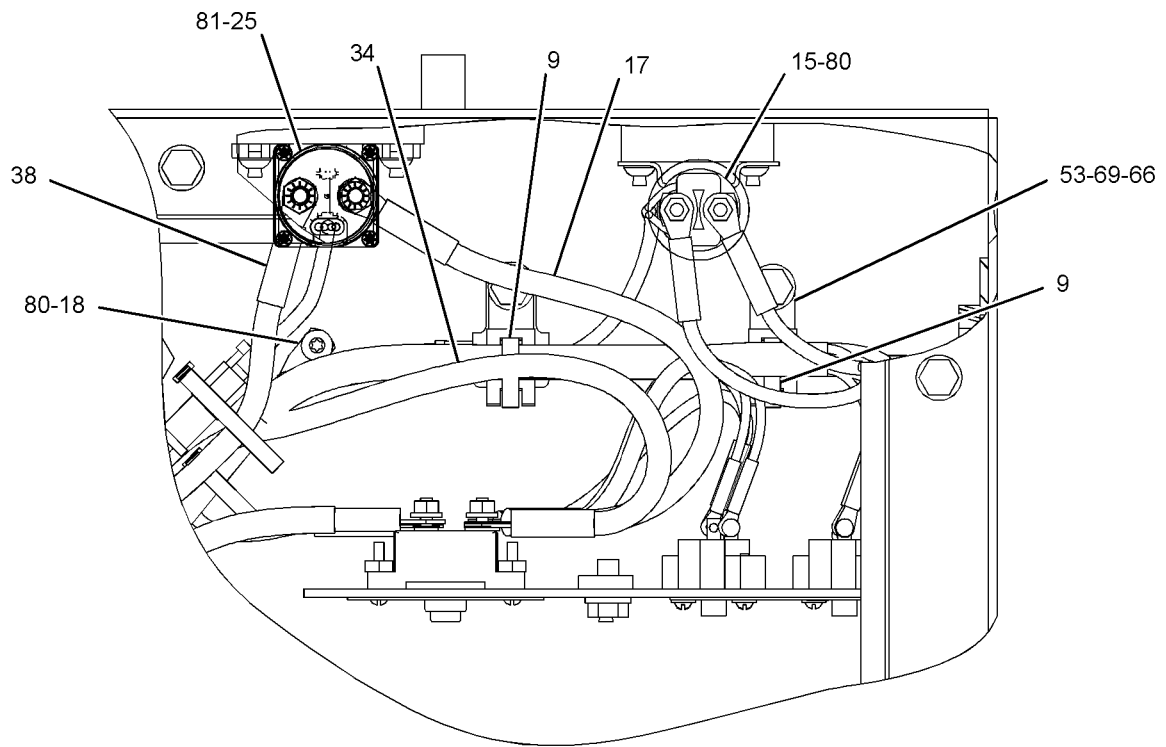
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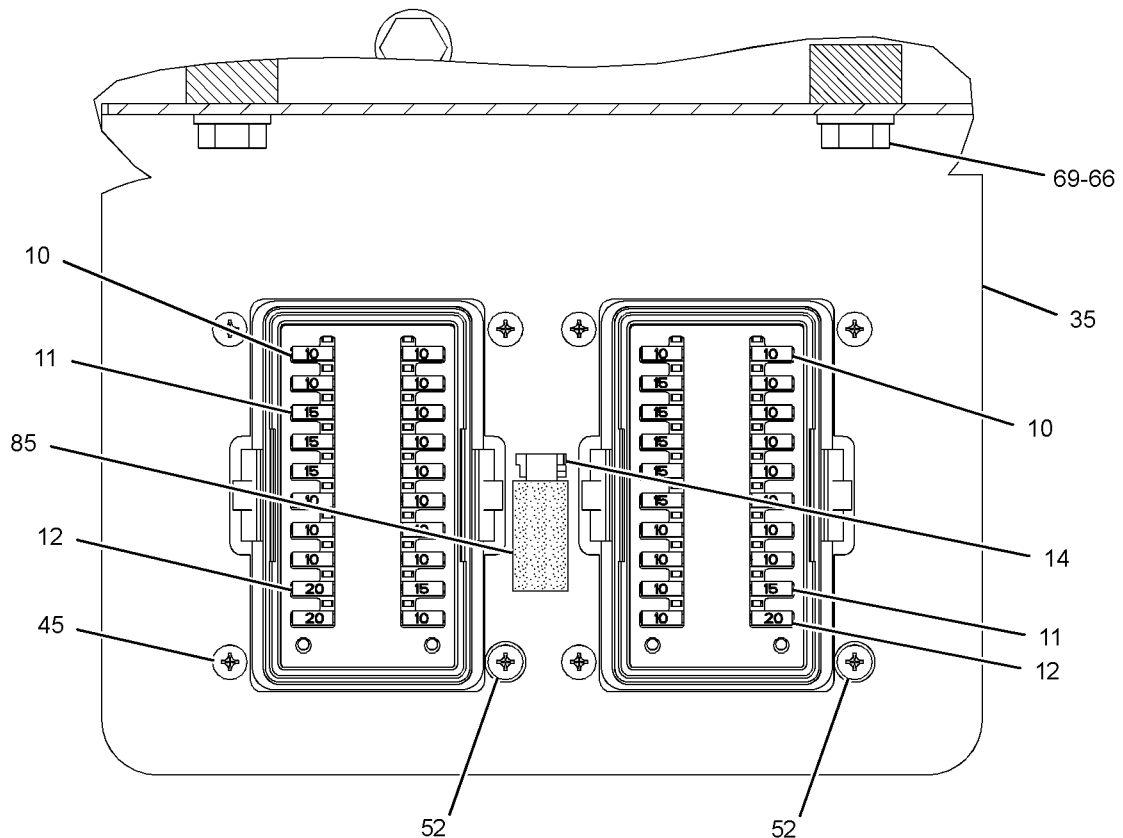
ELECTRICAL AND STARTING SYSTEM

309-0973 WIRING GP-ELECTRONICS BAY (contd.)

i03796060



VIEW OF AREA J



VIEW OF AREA H

<END>

GRAPHIC #4

g02066018

ELECTRICAL AND STARTING SYSTEM

225-6851 WIRING GP-ENGINE

S/N: BXY1-1241

PART OF 225-5452 ELECTRICAL AR

SMCS-1403, 1408

i02741145

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	2B-0941	1	SPACER (10.5X19X19-MM THK)	
	3	2	4P-7582	1	CLIP	
	4	1, 2	9X-6772	15	STRAP-CABLE	
	5	1	114-5333	1	SWITCH AS-PRESSURE (REFRIGERANT)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
	6	2	116-4491	1	BRACKET AS	
M		2	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	8	1	259-8339	1	BRACKET AS	
		1	7W-8106	2	SPACER (11.13X19.05X15-MM THK)	
M		1	7X-0750	2	BOSS-WELD (M10X1.5X55-MM) (M10X1.5-6H THD)	
M		1	8T-3490	5	NUT-WELD (M10X1.5-THD)	
	9	2	192-5017	1	BRACKET AS	
M		2	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	10	1	260-0194	1	HARNESS AS-ENGINE	
		1	7G-7917	11	PLUG-SEAL	
		1	7G-7918	2	PLUG-SEAL	
		1	7G-7920	2	PLUG-SEAL	
		1	8T-8737	40	PLUG-SEAL	
		1	8N-1516	1	PLUG AS-CONNECTOR	
		1	8N-1518	1	PLUG AS-CONNECTOR (25-PIN)	
		1	160-7689	1	PLUG AS-CONNECTOR (70-PIN)	
		1	8N-1521	2	BELL AS-END	
		1	9X-6772	5	STRAP-CABLE	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	4	KIT-CONNECTING PLUG (2-PIN) (EACH KIT INCLUDES PLUG AS AND WEDGE)	
	11	2	033-8248	1	CLIP	
	12	1, 2	130-5300	2	CLIP	
	13	1	2T-3019	1	CLIP	
	14	1	4L-6454	1	BOLT (3/8-16X1-IN)	
	15	2	4P-7581	2	CLIP	
	16	2	4P-8134	1	CLIP	
	17	1	4S-1962	6	CLIP	
	18	1	5M-3062	1	BOLT (3/8-16X0.75-IN)	
	19	1	5P-9085	1	CLIP	
	20	1	6D-4244	4	CLIP	
	23	1, 2	8T-4121	16	WASHER-HARD (11X21X2.5-MM THK)	
M	25	1, 2	8T-4133	3	NUT (M10X1.5-THD)	
M	26	1, 2	8T-4136	5	BOLT (M10X1.5X25-MM)	
M	27	1	8T-4137	3	BOLT (M10X1.5X20-MM)	
M	28	2	8T-4186	1	BOLT (M10X1.5X40-MM)	
M	29	1, 2	8T-4195	3	BOLT (M10X1.5X30-MM)	
	30	1	8T-4896	4	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	31	1	9X-7378	1	SEAL-O-RING	
	32	1	154-6626	1	BRACKET AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
M	33	2	8T-4185	1	BOLT (M10X1.5X50-MM)	
	34	1	8M-2772	1	CLIP	
	35	1	7X-0288	2	BOLT (3/8-16X1.625-IN)	
	36	2	204-9734	1	SPACER (11X18X25-MM THK)	
	37	1	193-9131	1	BRACKET AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	38	1	4D-7388	1	CLIP	

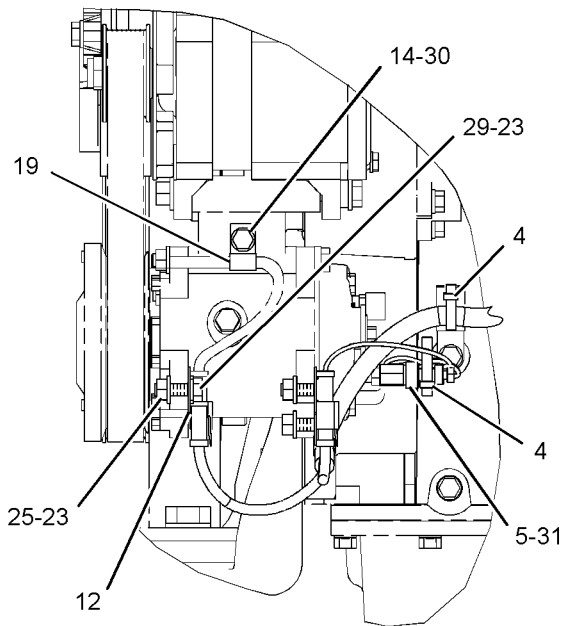
M-METRIC PART

ELECTRICAL AND STARTING SYSTEM

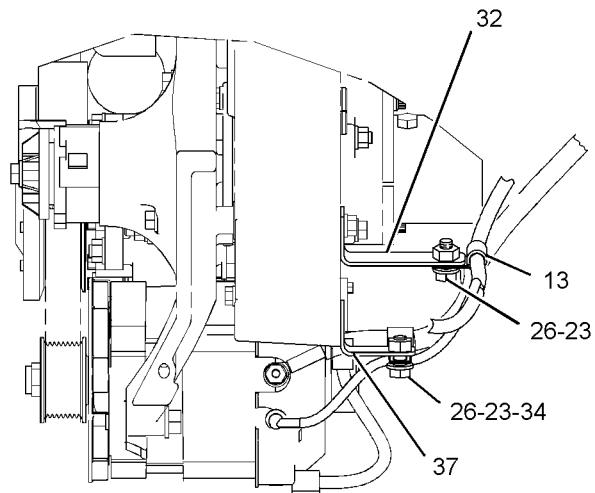
225-6851 WIRING GP-ENGINE (contd.)

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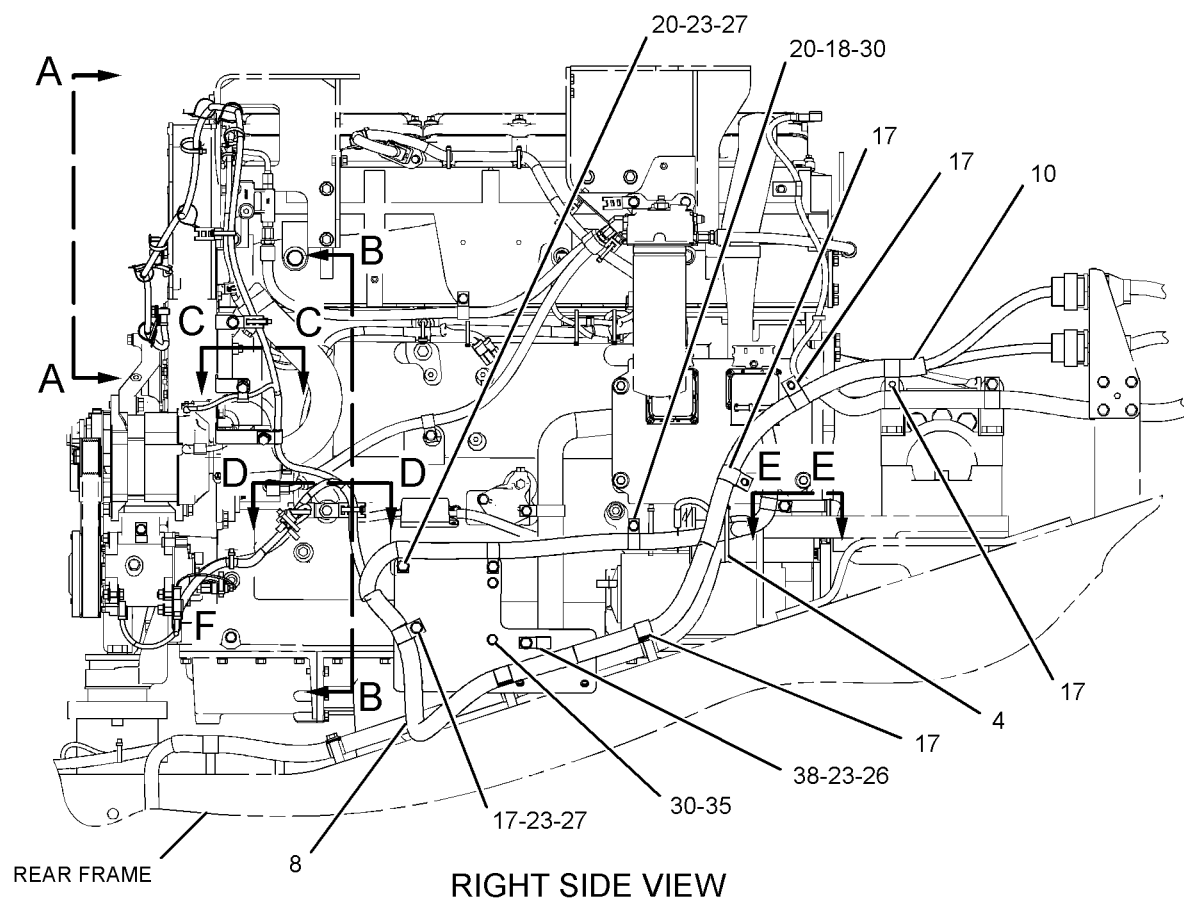
REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



VIEW OF AREA F



SECTION C-C



REAR FRAME

RIGHT SIDE VIEW

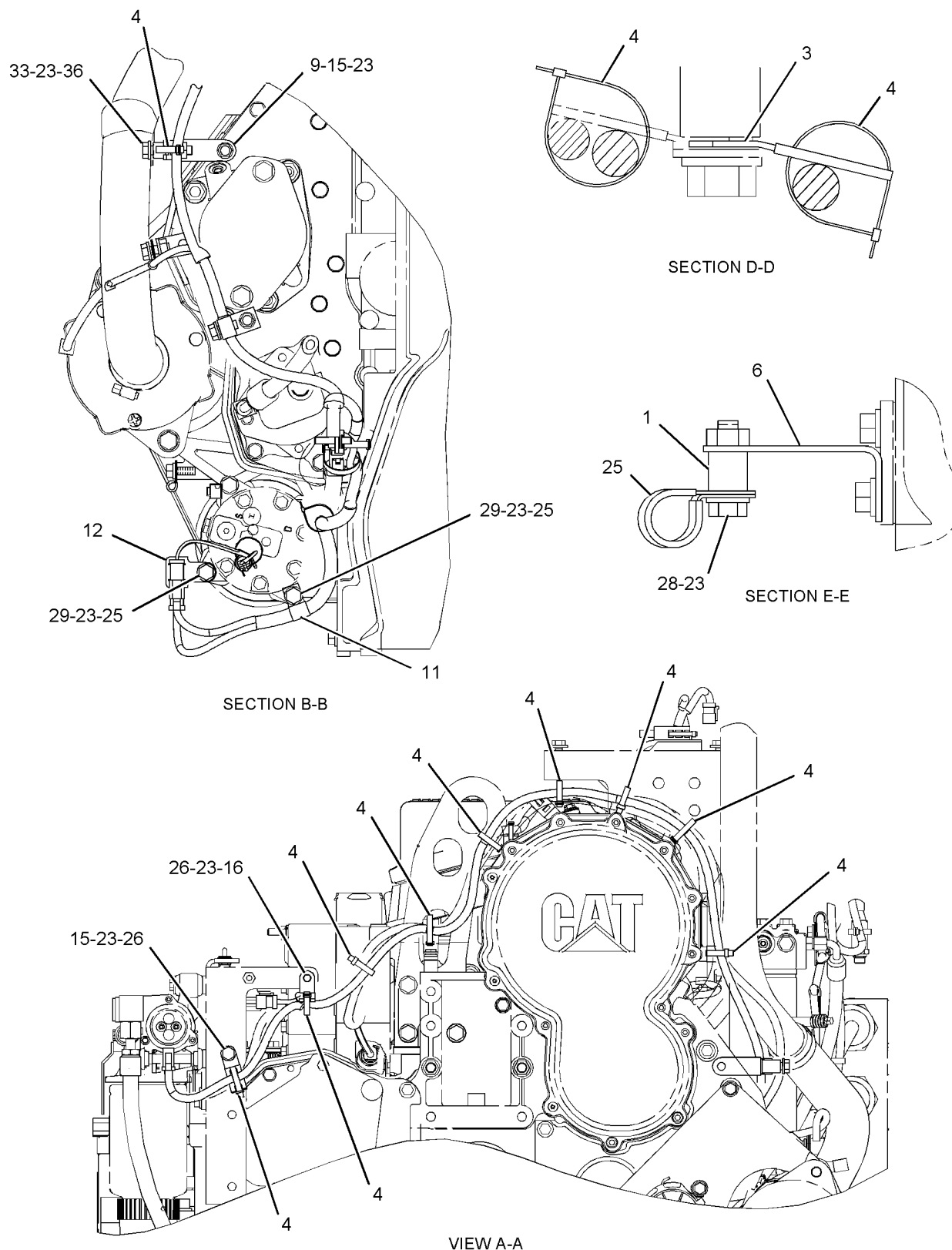
GRAPHIC #1

g01177183

ELECTRICAL AND STARTING SYSTEM

225-6851 WIRING GP-ENGINE (contd.)

i02741145



GRAPHIC #2

<END>

g01121664

ELECTRICAL AND STARTING SYSTEM

225-6851 WIRING GP-ENGINE

S/N: BXY1242-2314

PART OF 225-5452, 284-2987 ELECTRICAL AR

SMCS-1403, 1408

i02783314

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	2B-0941	1	SPACER (10.5X19X19-MM THK)	
	2	1, 1, 2	9X-6772	15	STRAP-CABLE	
	3	1	114-5333	1	SWITCH AS-PRESSURE (REFRIGERANT)	
		1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)	
E		1	9X-1386		SLEEVE (25-CM)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	4	2	116-4491	1	BRACKET AS	
M		2	8T-3490	1	NUT-WELD (M10X1.5-THD)	
C	5	2	144-4613	1	ANGLE AS	
	6	1	154-6626	1	BRACKET AS	
	7	2	192-5017	1	BRACKET AS	
	8	1	193-9131	1	BRACKET AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	9	2	204-9734	1	SPACER (11X18X25-MM THK)	
	10	1	260-0194	1	HARNESS AS-ENGINE	
		1	8N-1516	1	PLUG AS-CONNECTOR	
		1	8N-1518	1	PLUG AS-CONNECTOR (25-PIN)	
		1	160-7689	1	PLUG AS-CONNECTOR (70-PIN)	
		1	8N-1521	2	BELL AS-END	
		1	9X-6772	5	STRAP-CABLE	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	4	KIT-CONNECTING PLUG (2-PIN)	
					(EACH KIT INCLUDES PLUG AS & WEDGE)	
C	11	1	285-3602	1	BRACKET AS	
		1	7W-8106	2	SPACER (11.13X19.05X15-MM THK)	
M		1	7X-0750	1	BOSS-WELD (M10X1.5X55-MM)	
M		1	8T-3490	4	NUT-WELD (M10X1.5-THD)	
	12	2	147-0385	1	CLIP	
C	13	1	122-0450	1	GROMMET	
C	14	1, 2	130-5300	3	CLIP	
C	15	2	133-6934	1	SPACER (11X20X25-MM THK)	
C	16	1	149-7738	1	CLIP	
C	17	2	2H-9524	2	GROMMET	
	18	1	2T-3019	1	CLIP	
	19	2	4D-7388	1	CLIP	
	20	1	4L-6454	1	BOLT (3/8-16X1-IN)	
	21	2	4P-7581	2	CLIP	
	22	2	4P-7582	2	CLIP	
	23	2	4P-8134	1	CLIP	
C	24	1	4S-1962	5	CLIP	
C	25	1	4S-4455	2	CLIP	
	26	1	5M-3062	1	BOLT (3/8-16X0.75-IN)	
	27	1	5P-9085	1	CLIP	
C	28	1, 2	6D-4244	2	CLIP	
	29	1	8M-2772	1	CLIP	
C	30	1, 2	8T-4121	15	WASHER-HARD (11X21X2.5-MM THK)	
M	31	1, 2	8T-4133	3	NUT (M10X1.5-THD)	
M	32	1, 2	8T-4136	5	BOLT (M10X1.5X25-MM)	
CM	33	1, 2	8T-4137	2	BOLT (M10X1.5X20-MM)	
M	34	2	8T-4185	1	BOLT (M10X1.5X50-MM)	
M	35	2	8T-4186	1	BOLT (M10X1.5X40-MM)	
M	36	1, 2	8T-4195	2	BOLT (M10X1.5X30-MM)	
	37	1	8T-4896	4	WASHER-HARD (10.2X18.5X2.5-MM THK)	
C	38	1	8T-9377	2	BOLT (3/8-16X2.25-IN)	
	39	1	9X-7378	1	SEAL-O-RING	

ELECTRICAL AND STARTING SYSTEM

225-6851 WIRING GP-ENGINE (contd.)

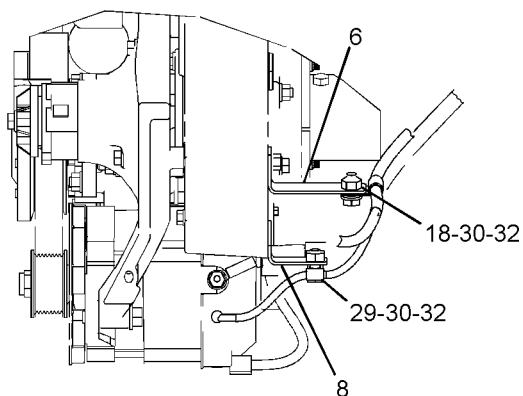
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NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	40	2	8T-4196	1	BOLT (M10X1.5X35-MM)						
C-CHANGE FROM PREVIOUS TYPE											
E-ORDER BY THE CENTIMETER											
M-METRIC PART											

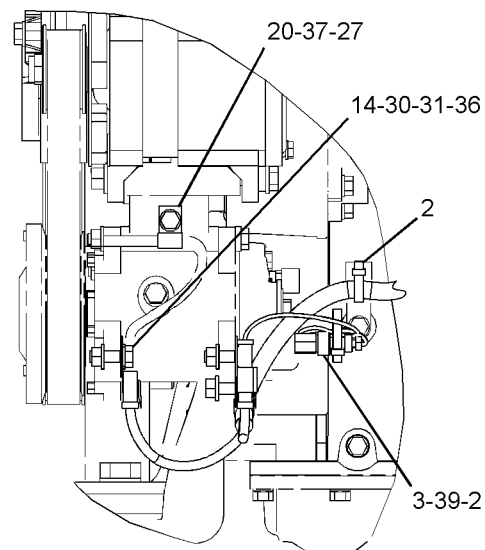
ELECTRICAL AND STARTING SYSTEM

225-6851 WIRING GP-ENGINE (contd.)

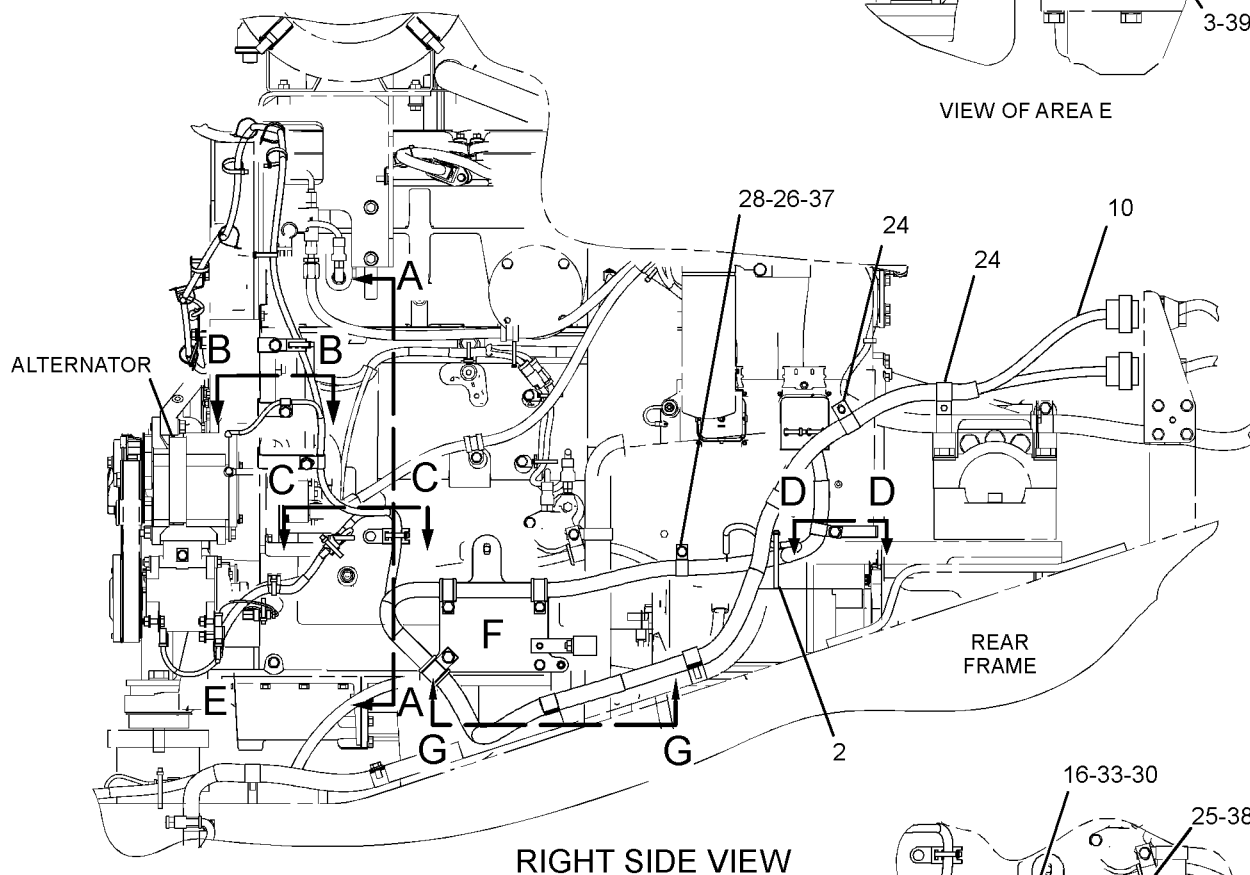
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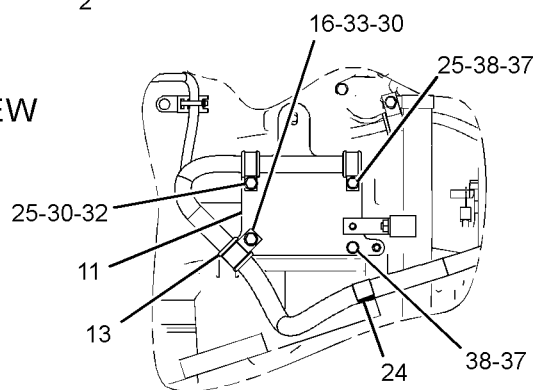
VIEW B-B



VIEW OF AREA E



RIGHT SIDE VIEW



VIEW OF AREA F

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS.

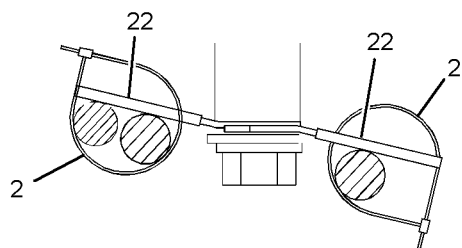
GRAPHIC #1

g01343740

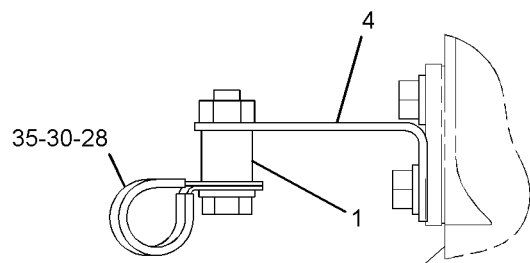
ELECTRICAL AND STARTING SYSTEM

225-6851 WIRING GP-ENGINE (contd.)

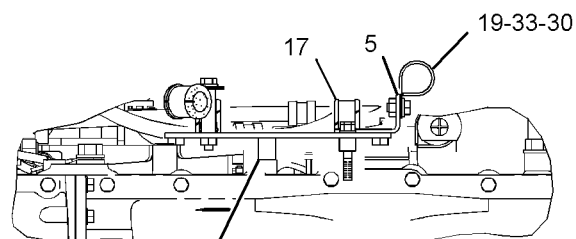
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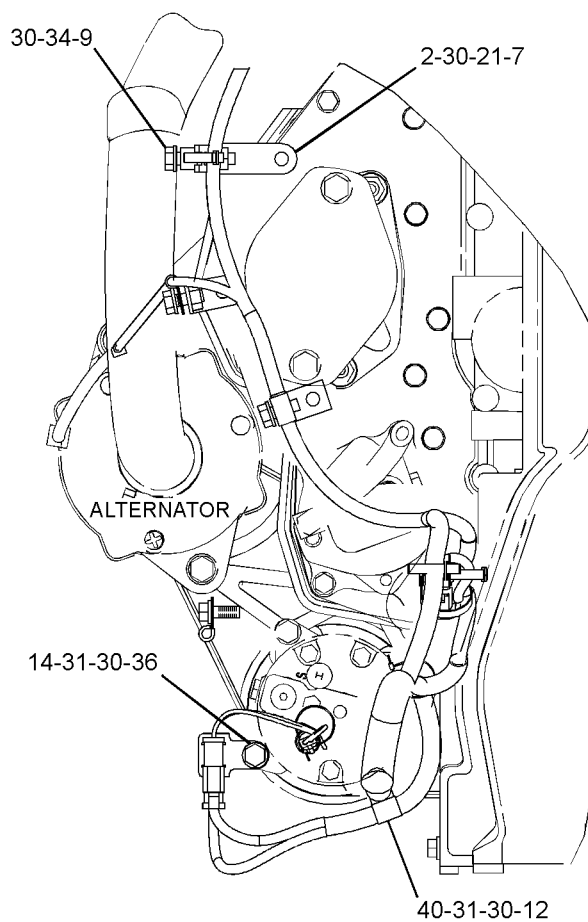
SECTION C-C



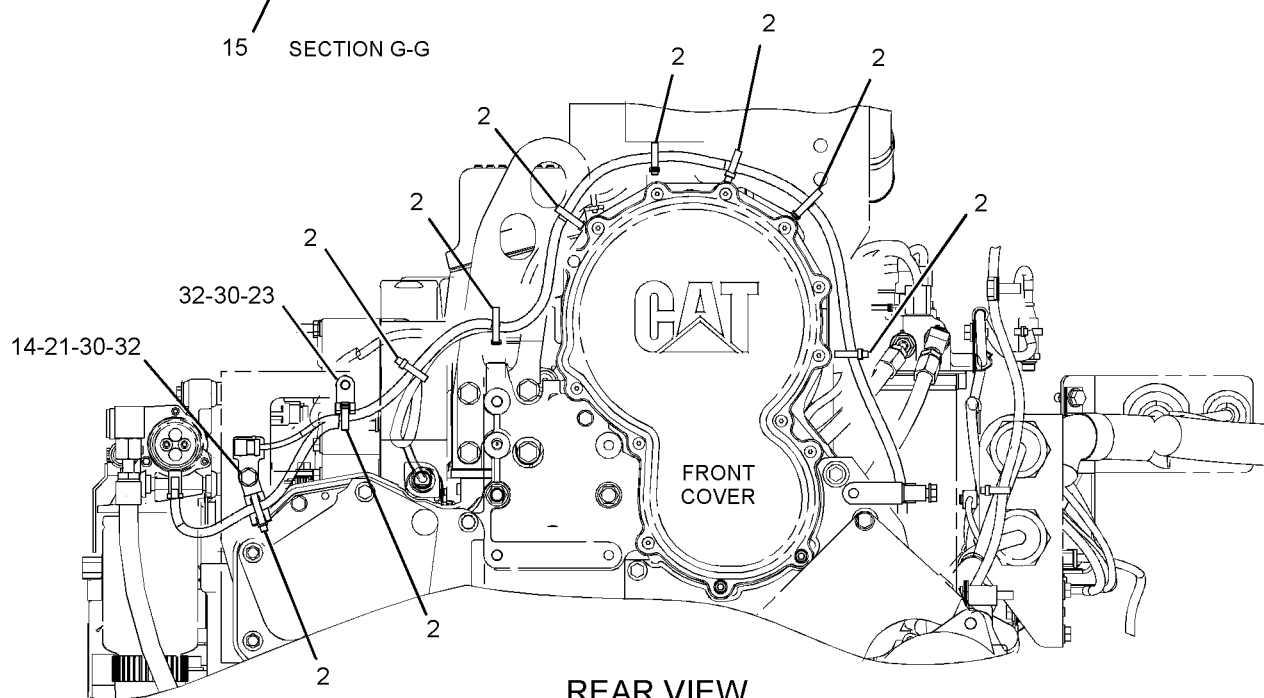
SECTION D-D



SECTION G-G



SECTION A-A



REAR VIEW

<END>

GRAPHIC #2

g01435734

ELECTRICAL AND STARTING SYSTEM

225-6851 WIRING GP-ENGINE

S/N: BXY2315-2398

PART OF 284-2987 ELECTRICAL AR

SMCS-1403, 1408

i03080946

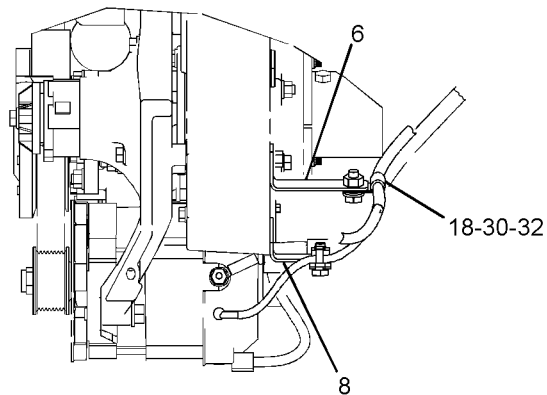
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	2B-0941	1	SPACER (10.5X19X19-MM THK)						
C	2	1, 2	9X-6772	16	STRAP-CABLE						
	3	1	114-5333	1	SWITCH AS-PRESSURE (REFRIGERANT)						
		1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)						
E		1	9X-1386		SLEEVE (25-CM)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	4	2	116-4491	1	BRACKET AS						
M		2	8T-3490	1	NUT-WELD (M10X1.5-THD)						
C	5	2	319-7006	1	BRACKET AS						
	6	1	154-6626	1	BRACKET AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	7	2	192-5017	1	BRACKET AS						
	8	1	193-9131	1	BRACKET AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	10	1	260-0194	1	HARNESS AS-ENGINE						
	11	1	285-3602	1	BRACKET AS						
		1	7W-8106	2	SPACER (11.13X19.05X15-MM THK)						
M		1	7X-0750	1	BOSS-WELD (M10X1.5X55-MM)						
M		1	8T-3490	4	NUT-WELD (M10X1.5-THD)						
	12	2	147-0385	1	CLIP						
	13	1	122-0450	1	GROMMET						
	14	1, 2	130-5300	3	CLIP						
	15	2	133-6934	1	SPACER (11X20X25-MM THK)						
	16	1	149-7738	1	CLIP						
	17	2	2H-9524	2	GROMMET						
	18	1	2T-3019	1	CLIP						
	19	2	4D-7388	1	CLIP						
	20	1	4L-6454	1	BOLT (3/8-16X1-IN)						
C	21	2	4P-7581	3	CLIP						
	22	1	4P-7582	2	CLIP						
	23	2	4P-8134	1	CLIP						
	24	1	4S-1962	5	CLIP						
	25	1	4S-4455	2	CLIP						
	26	1	5M-3062	1	BOLT (3/8-16X0.75-IN)						
	27	1	5P-9085	1	CLIP						
	28	1, 2	6D-4244	2	CLIP						
	30	1, 2	8T-4121	15	WASHER-HARD (11X21X2.5-MM THK)						
M	31	1, 2	8T-4133	3	NUT (M10X1.5-THD)						
M	32	1, 2	8T-4136	5	BOLT (M10X1.5X25-MM)						
CM	33	1, 2	8T-4137	3	BOLT (M10X1.5X20-MM)						
M	35	2	8T-4186	1	BOLT (M10X1.5X40-MM)						
M	36	1, 2	8T-4195	2	BOLT (M10X1.5X30-MM)						
	37	1	8T-4896	4	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	38	1	8T-9377	2	BOLT (3/8-16X2.25-IN)						
	39	1	9X-7378	1	SEAL-O-RING						
M	40	2	8T-4196	1	BOLT (M10X1.5X35-MM)						

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

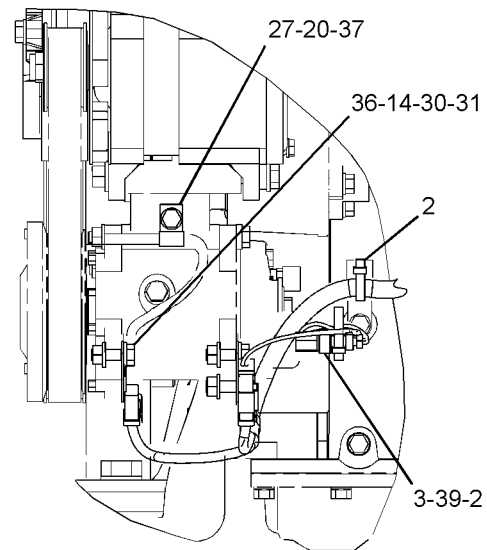
ELECTRICAL AND STARTING SYSTEM

225-6851 WIRING GP-ENGINE (contd.)

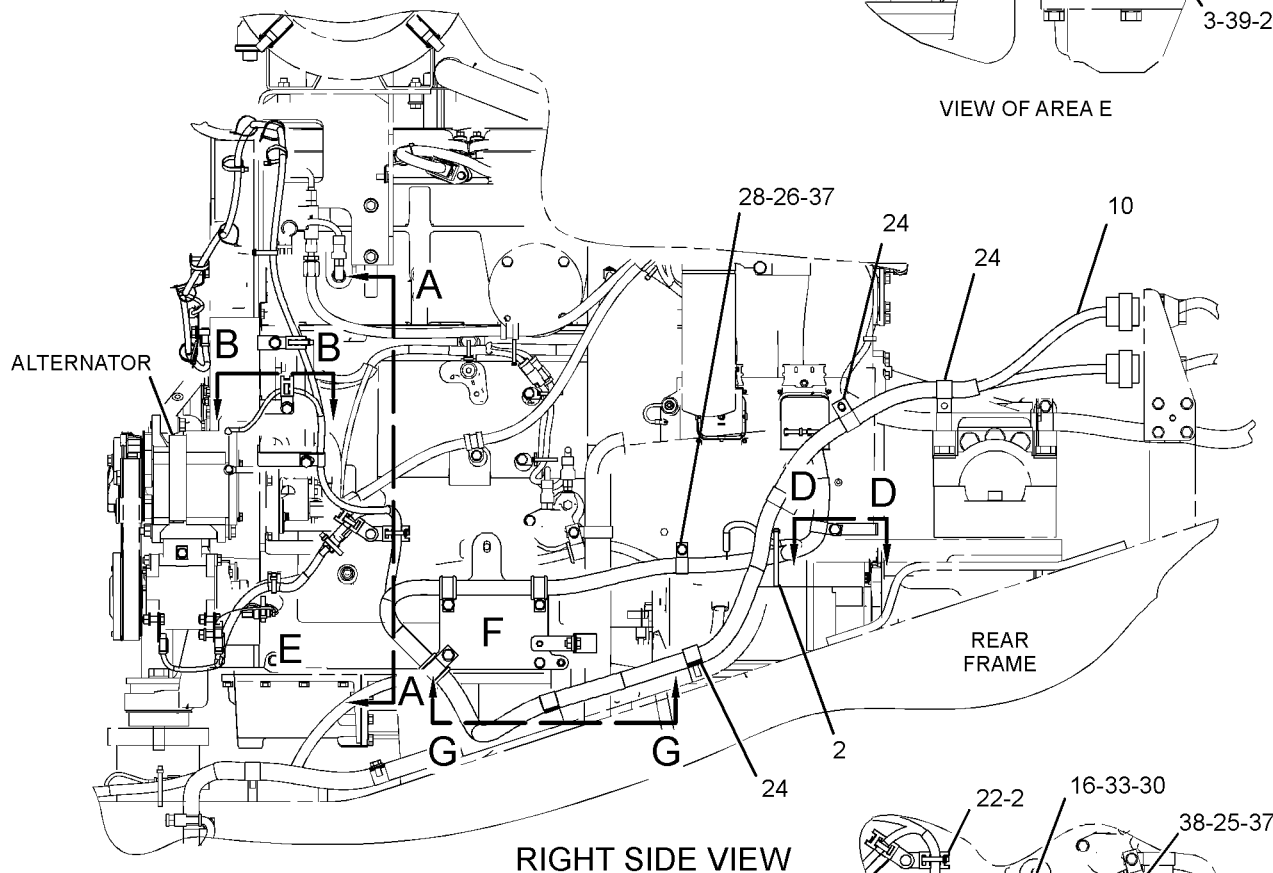
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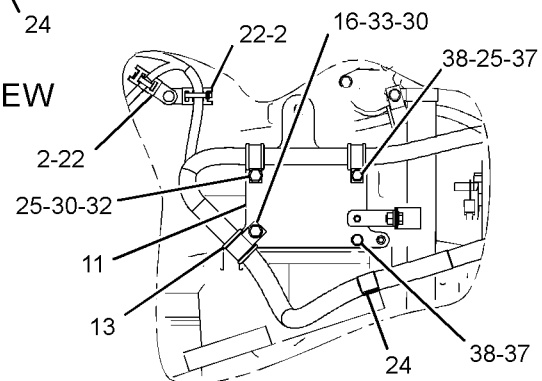
SECTION B-B



VIEW OF AREA E



RIGHT SIDE VIEW



VIEW OF AREA F

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS.

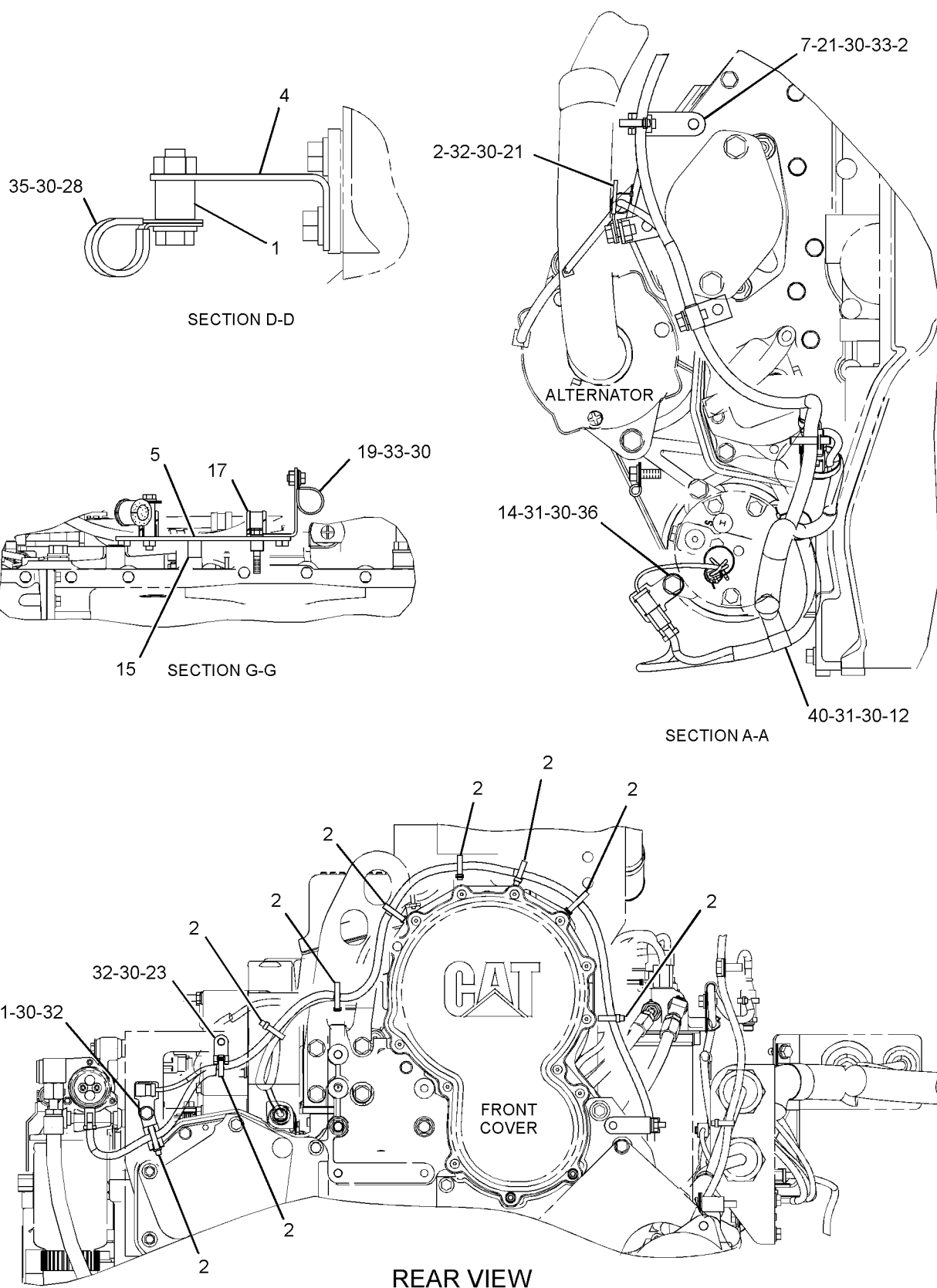
GRAPHIC #1

g01577794

ELECTRICAL AND STARTING SYSTEM

225-6851 WIRING GP-ENGINE (contd.)

i03080946



GRAPHIC #2

<END>

g01577795

ELECTRICAL AND STARTING SYSTEM

225-6851 WIRING GP-ENGINE

S/N: BXY2399-3999

PART OF 284-2987 ELECTRICAL AR

SMCS-1403, 1408

i03089423

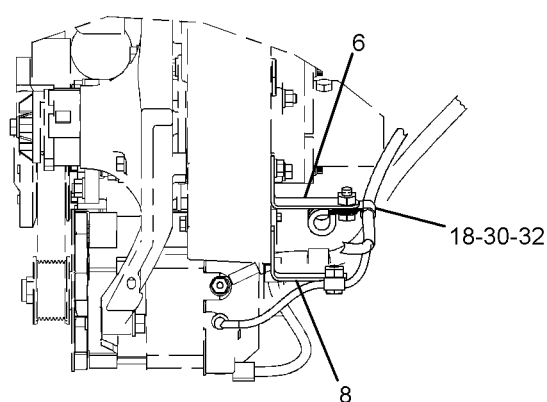
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	2B-0941	1	SPACER (10.5X19X19-MM THK)	
C	2	1, 2	9X-6772	15	STRAP-CABLE	
	3	1	114-5333	1	SWITCH AS-PRESSURE (REFRIGERANT)	
		1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)	
E		1	9X-1386		SLEEVE (25-CM)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	4	2	116-4491	1	BRACKET AS	
M		2	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	5	2	319-7006	1	BRACKET AS	
C	6	1	326-4234	1	BRACKET AS	
C	8	1	198-7651	1	BRACKET AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	10	1	260-0194	1	HARNESS AS-ENGINE	
	11	1	285-3602	1	BRACKET AS	
		1	7W-8106	2	SPACER (11.13X19.05X15-MM THK)	
M		1	7X-0750	1	BOSS-WELD (M10X1.5X55-MM)	
M		1	8T-3490	4	NUT-WELD (M10X1.5-THD)	
	12	1, 2	147-0385	1	CLIP	
	13	1	122-0450	1	GROMMET	
	14	2	130-5300	3	CLIP	
	15	2	133-6934	1	SPACER (11X20X25-MM THK)	
	16	1	149-7738	1	CLIP	
	17	2	2H-9524	2	GROMMET	
	18	1	2T-3019	1	CLIP	
	19	2	4D-7388	1	CLIP	
	20	1	4L-6454	1	BOLT (3/8-16X1-IN)	
C	21	2	4P-7581	1	CLIP	
	22	1	4P-7582	2	CLIP	
	23	2	4P-8134	1	CLIP	
	24	1	4S-1962	5	CLIP	
	25	1	4S-4455	2	CLIP	
	26	1	5M-3062	1	BOLT (3/8-16X0.75-IN)	
	27	1	5P-9085	1	CLIP	
	28	1, 2	6D-4244	2	CLIP	
C	30	1, 2	8T-4121	14	WASHER-HARD (11X21X2.5-MM THK)	
M	31	1, 2	8T-4133	3	NUT (M10X1.5-THD)	
CM	32	1, 2	8T-4136	4	BOLT (M10X1.5X25-MM)	
M	33	1, 2	8T-4137	3	BOLT (M10X1.5X20-MM)	
M	35	2	8T-4186	1	BOLT (M10X1.5X40-MM)	
M	36	1, 2	8T-4195	2	BOLT (M10X1.5X30-MM)	
	37	2	8T-4896	4	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	38	1	8T-9377	2	BOLT (3/8-16X2.25-IN)	
	39	1	9X-7378	1	SEAL-O-RING	
M	40	1	8T-4196	1	BOLT (M10X1.5X35-MM)	
C	41	2	4D-8123	1	CLIP	
C	42	2	175-7739	1	CLAMP	

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

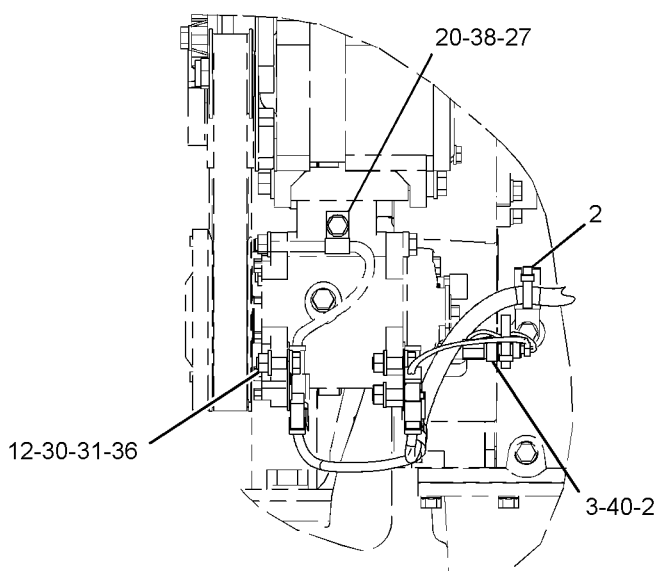
ELECTRICAL AND STARTING SYSTEM

225-6851 WIRING GP-ENGINE (contd.)

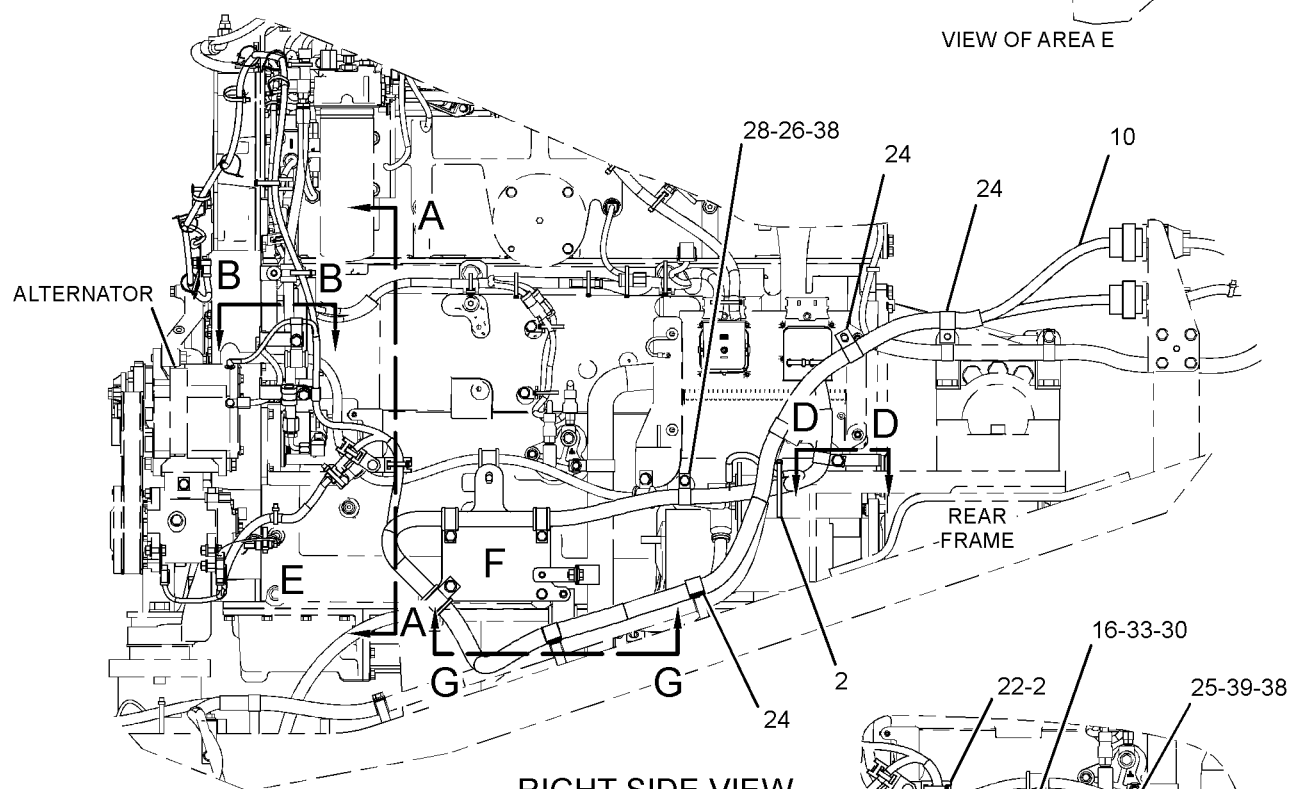
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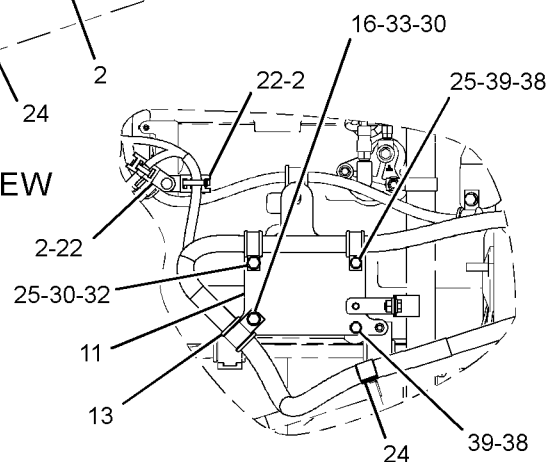
SECTION B-B



VIEW OF AREA E



RIGHT SIDE VIEW



VIEW OF AREA F

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS.

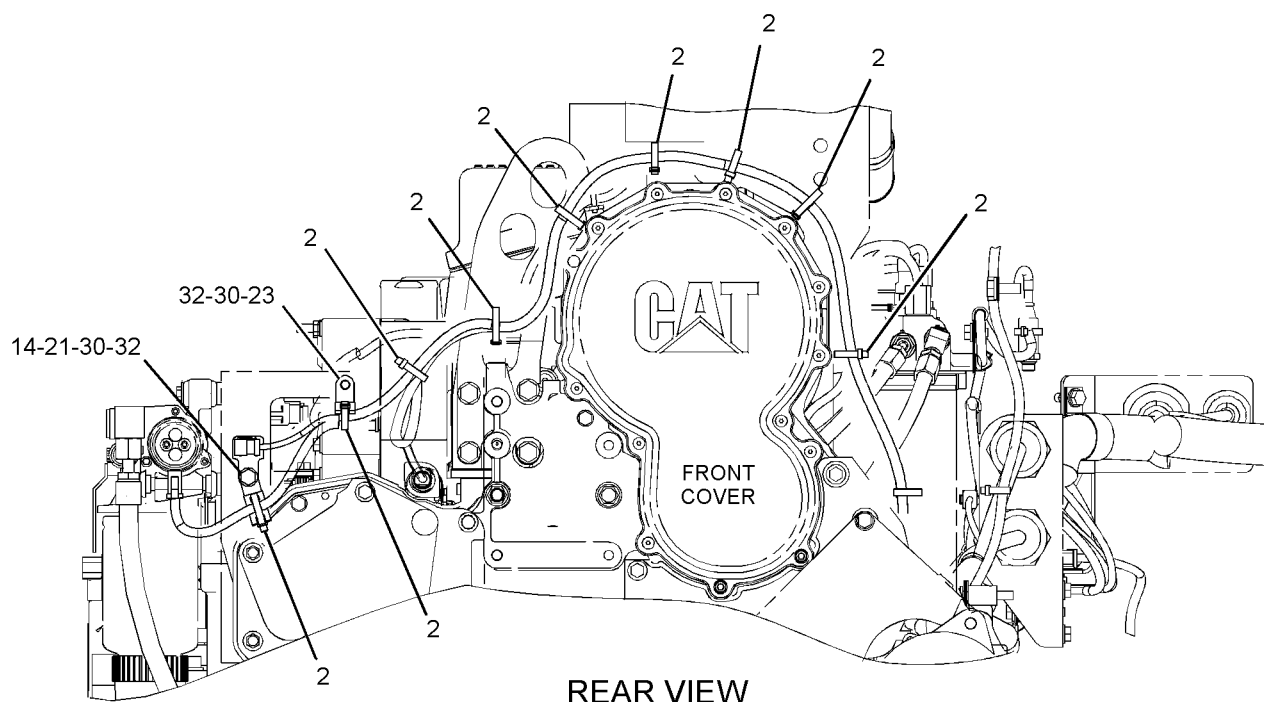
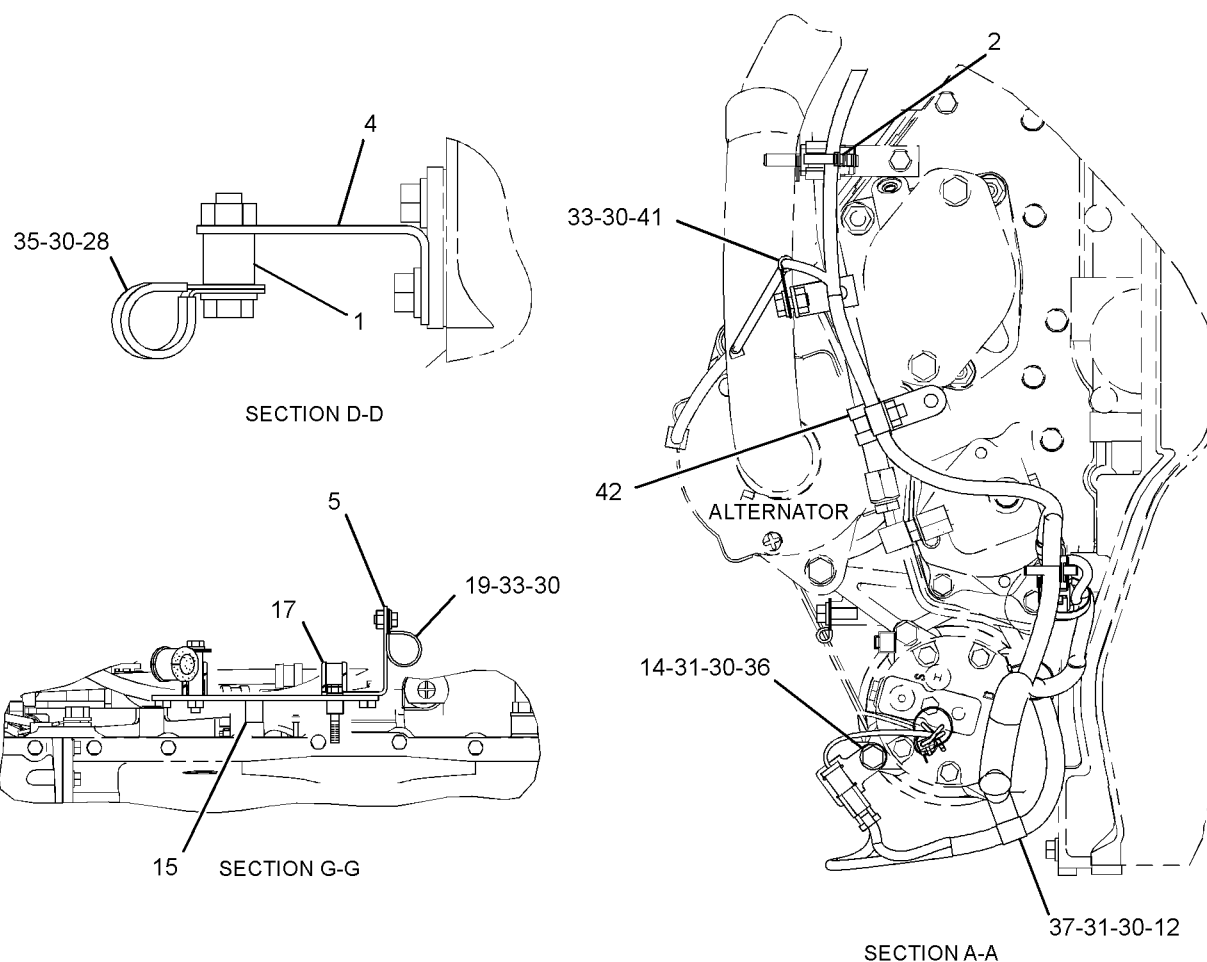
GRAPHIC #1

g01603813

ELECTRICAL AND STARTING SYSTEM

225-6851 WIRING GP-ENGINE (contd.)

i03089423



REAR VIEW

<END>

GRAPHIC #2

g01603814

ELECTRICAL AND STARTING SYSTEM

260-3158 WIRING GP-ENGINE-ALTERNATOR, STARTING MOTOR

S/N: BXY1-1241

PART OF 225-5452 ELECTRICAL AR

SMCS-1403, 1408

i02648680

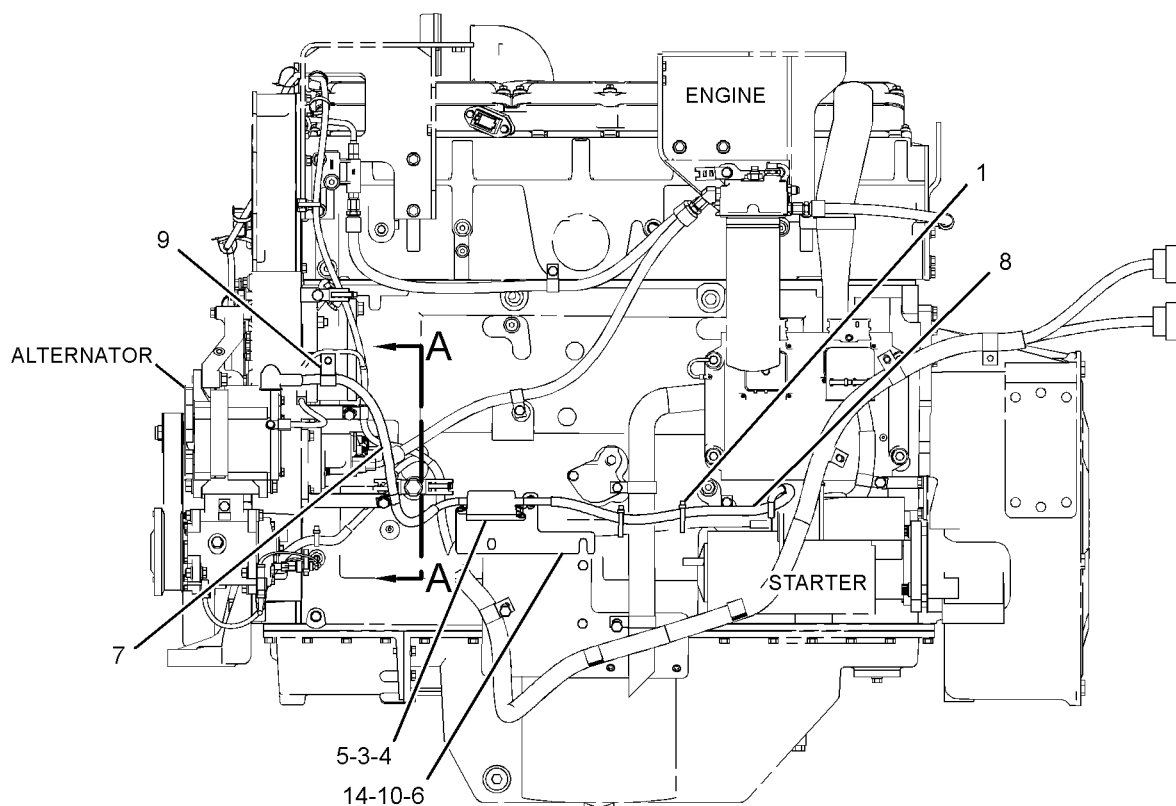
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-6772	2	STRAP-CABLE						
	2	1	173-1583	1	BRACKET AS						
M	3	1	215-6406	2	SCREW-TRUSS HEAD (M6X1X16-MM)						
	4	1	219-2432	1	HOLDER AS-FUSE						
	5	1	220-7087	1	FUSE (125-AMPERE)						
	6	1	259-1228	1	BRACKET AS						
M		1	6V-9632	2	NUT-WELD (M6X1-THD)						
	7	1	259-1986	1	CABLE AS						
		1	6T-5598	1	TERMINAL-RING (1-GA TO 2-GA, 5/16-IN SCREW)						
E		1	8C-3056		CABLE (2-GA, RED) (60-CM)						
		1	8T-8827	1	BOOT (RED)						
		1	180-7110	1	TERMINAL-RING (2-GA, 3/8-IN SCREW)						
8		1	264-5111	1	CABLE AS						
		1	3L-6513	1	TERMINAL-RING (1-GA TO 2-GA, 1/2-IN SCREW)						
E		1	8C-3056		CABLE (2-GA, RED) (69-CM)						
		1	180-7110	1	TERMINAL-RING (2-GA, 3/8-IN SCREW)						
9		1	4D-7735	1	CLIP						
10		1	5M-3062	1	BOLT (3/8-16X0.75-IN)						
11		1	174-5907	1	CLIP						
12		1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						
M	13	1	8T-4137	1	BOLT (M10X1.5X20-MM)						
	14	1	8T-4896	1	WASHER-HARD (10.2X18.5X2.5-MM THK)						

E-ORDER BY THE CENTIMETER
M-METRIC PART

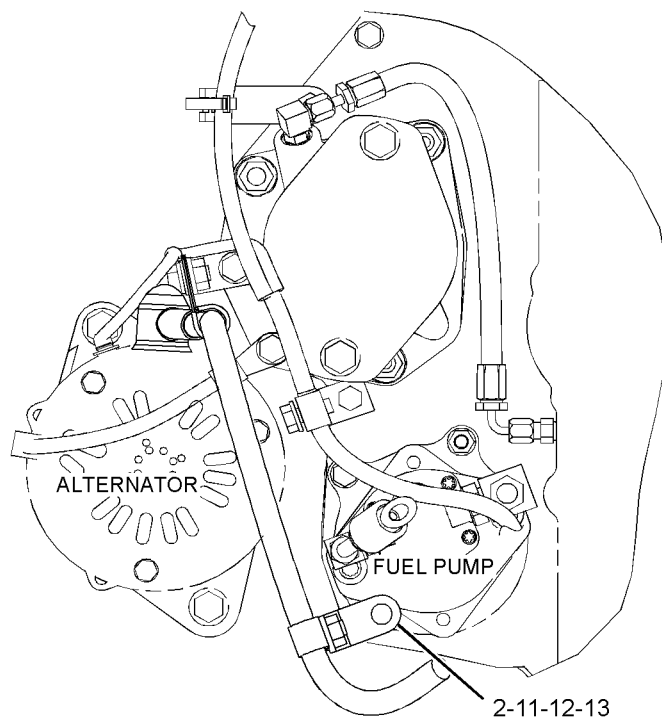
ELECTRICAL AND STARTING SYSTEM

260-3158 WIRING GP-ENGINE (contd.)

i02648680



RIGHT SIDE VIEW



VIEW A-A

GRAPHIC #1

<END>

g01333798

ELECTRICAL AND STARTING SYSTEM

284-2990 WIRING GP-ENGINE-ALTERNATOR, STARTING MOTOR

S/N: BXY1242-UP

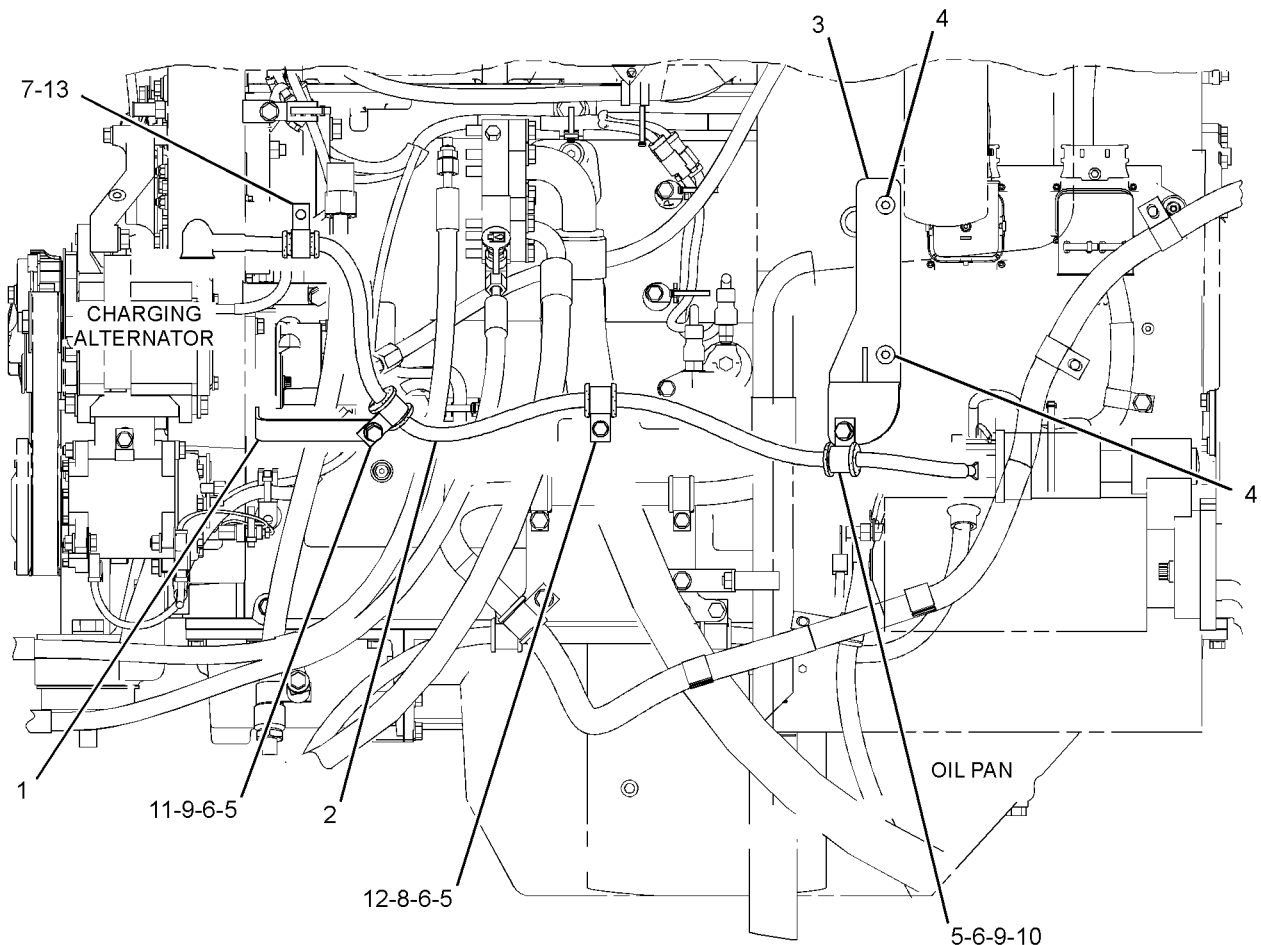
PART OF 225-5452, 284-2987, 337-0870 ELECTRICAL AR

SMCS-1403, 1408

i03166740

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	173-1583	1	BRACKET AS						
	2	1	317-1109	1	CABLE AS						
		1	6T-5598	1	TERMINAL-RING (1-GA TO 2-GA, 5/16-IN SCREW)						
E		1	8C-3056		CABLE (2-GA, RED) (117-CM)						
		1	8T-8827	1	BOOT (RED)						
E		1	114-8843		SLEEVE-PLASTIC (15-CM)						
E		1	125-7876		TUBE-HEAT SHRINK (17.78-MM DIA) (4-CM)						
	3	1	318-6048	1	BRACKET AS						
	4	1	5P-4116	2	WASHER-HARD (8.8X20.5X2-MM THK)						
	5	1	6D-4636	3	CLIP						
	6	1	6V-0826	3	GROMMET						
	7	1	7V-6571	1	GROMMET						
	8	1	7X-3186	1	BOLT (3/8-16X2.125-IN)						
	9	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
M	10	1	8T-4136	1	BOLT (M10X1.5X25-MM)						
M	11	1	8T-4137	1	BOLT (M10X1.5X20-MM)						
	12	1	8T-4896	1	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	13	1	9X-8250	1	CLIP						

E-ORDER BY THE CENTIMETER
M-METRIC PART



RIGHT SIDE VIEW

<END>

GRAPHIC #1

g01606513

ELECTRICAL AND STARTING SYSTEM

339-8271 WIRING GP-ENGINE

S/N: BXY4000-UP

PART OF 337-0870 ELECTRICAL AR

SMCS-1403, 1408

i03750980

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	2B-0941	1	SPACER (10.5X19X19-MM THK)	
	2	2	9X-6772	18	STRAP-CABLE	
	3	2	114-5333	1	SWITCH AS-PRESSURE (AIR CONDITIONER)	
		2	102-8802	1	KIT-RECEPTACLE (2-PIN)	
		2	8T-8729	2	PIN-CONNECTOR (16-GA TO 18-GA)	
E		2	9X-1386		SLEEVE (25-CM)	
	4	2	116-4491	1	BRACKET AS	
M		2	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	5	2	198-7651	1	BRACKET AS	
M		2	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	6	2	285-3602	1	BRACKET AS	
		2	7W-8106	2	SPACER (11.13X19.05X15-MM THK)	
M		2	7X-0750	1	BOSS-WELD (M10X1.5X55-MM)	
M		2	8T-3490	4	NUT-WELD (M10X1.5-THD)	
	7	2	319-7006	1	BRACKET AS	
	8	1	339-8272	1	HARNESS AS-ENGINE	
		1	8N-1521	2	BELL AS-END	
		1	126-1774	1	COVER-CONNECTOR	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	4	KIT-CONNECTING PLUG (2-PIN)	
		1	7G-7917	12	PLUG-SEAL	
		1	7G-7918	2	PLUG-SEAL	
		1	7G-7920	2	PLUG-SEAL	
		1	8T-8737	40	PLUG-SEAL	
		1	8N-1516	1	PLUG AS-CONNECTOR	
		1	8N-1518	1	PLUG AS-CONNECTOR (25-PIN)	
		1	160-7689	1	PLUG AS-CONNECTOR (70-PIN)	
		1	159-9322	1	SEAL-O-RING	
E		1	114-8843		SLEEVE-PLASTIC (130-CM)	
E		1	114-8845		SLEEVE-PLASTIC (80-CM)	
		1	8N-1541	2	SOCKET-CONNECTOR (12-GA TO 14-GA)	
		1	8N-1543	2	SOCKET-CONNECTOR (10-GA)	
		1	8N-1545	1	SOCKET-CONNECTOR (8-GA)	
		1	9X-3402	29	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		1	9X-6857	28	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		1	126-1768	12	SOCKET-CONNECTOR (14-GA)	
		1	9X-6772	5	STRAP-CABLE	
		1	189-3158	1	SUPPRESSOR-ARC	
		1	9X-4997	1	TERMINAL AS	
		1	9X-4998	1	SOCKET (14-GA TO 16-GA)	
		1	110-8769	1	WIRE AS	
		1	128-4162	1	TERMINAL AS (6-GA TO 8-GA)	
		1	2L-8049	1	TERMINAL-RING (6-GA, NO. 10 SCREW)	
					-OR-	
		1	2L-8057	1	TERMINAL-RING (8-GA, NO. 10 SCREW)	
E		1	6V-9023		TUBE-HEAT SHRINK (12.7-MM DIA) (4-CM)	
E		1	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (26-CM)	
	9	2	122-0450	2	GROMMET	
	10	2	130-5300	2	CLIP	
	11	2	133-6934	1	SPACER (11X20X25-MM THK)	
	12	2	149-7738	2	CLIP	
	13	2	2H-9524	2	GROMMET	
	14	2	2T-3019	1	CLIP	
	15	2	4D-7388	1	CLIP	
	16	2	4D-8123	1	CLIP	
	17	2	4P-7581	2	CLIP	

ELECTRICAL AND STARTING SYSTEM

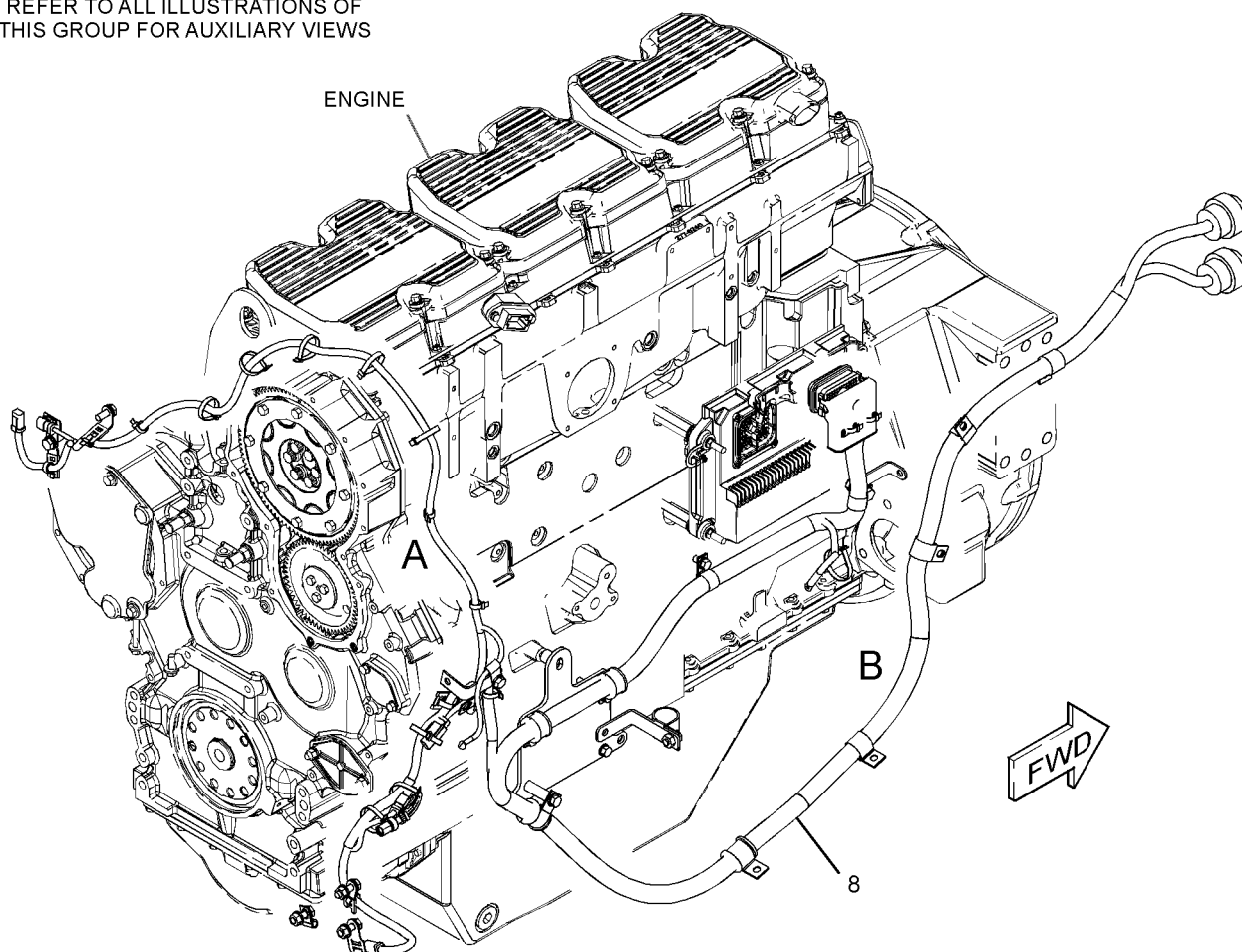
339-8271 WIRING GP-ENGINE (contd.)

i03750980

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	18	2	4P-7582	2	CLIP						
	19	2	4P-8134	1	CLIP						
	20	2	4S-1962	4	CLIP						
	21	2	4S-4455	2	CLIP						
	22	2	5M-3062	1	BOLT (3/8-16X0.75-IN)						
	23	2	5P-9085	1	CLIP						
	24	2	6D-4244	2	CLIP						
	25	2	8T-4121	13	WASHER-HARD (11X21X2.5-MM THK)						
M	26	2	8T-4133	3	NUT (M10X1.5-THD)						
M	27	2	8T-4136	3	BOLT (M10X1.5X25-MM)						
M	28	2	8T-4137	3	BOLT (M10X1.5X20-MM)						
M	29	2	8T-4186	1	BOLT (M10X1.5X40-MM)						
M	30	2	8T-4195	2	BOLT (M10X1.5X30-MM)						
M	31	2	8T-4196	1	BOLT (M10X1.5X35-MM)						
	32	2	8T-4896	3	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	33	2	8T-9377	2	BOLT (3/8-16X2.25-IN)						
	34	2	9X-7378	1	SEAL-O-RING						

E-ORDER BY THE CENTIMETER
M-METRIC PART

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



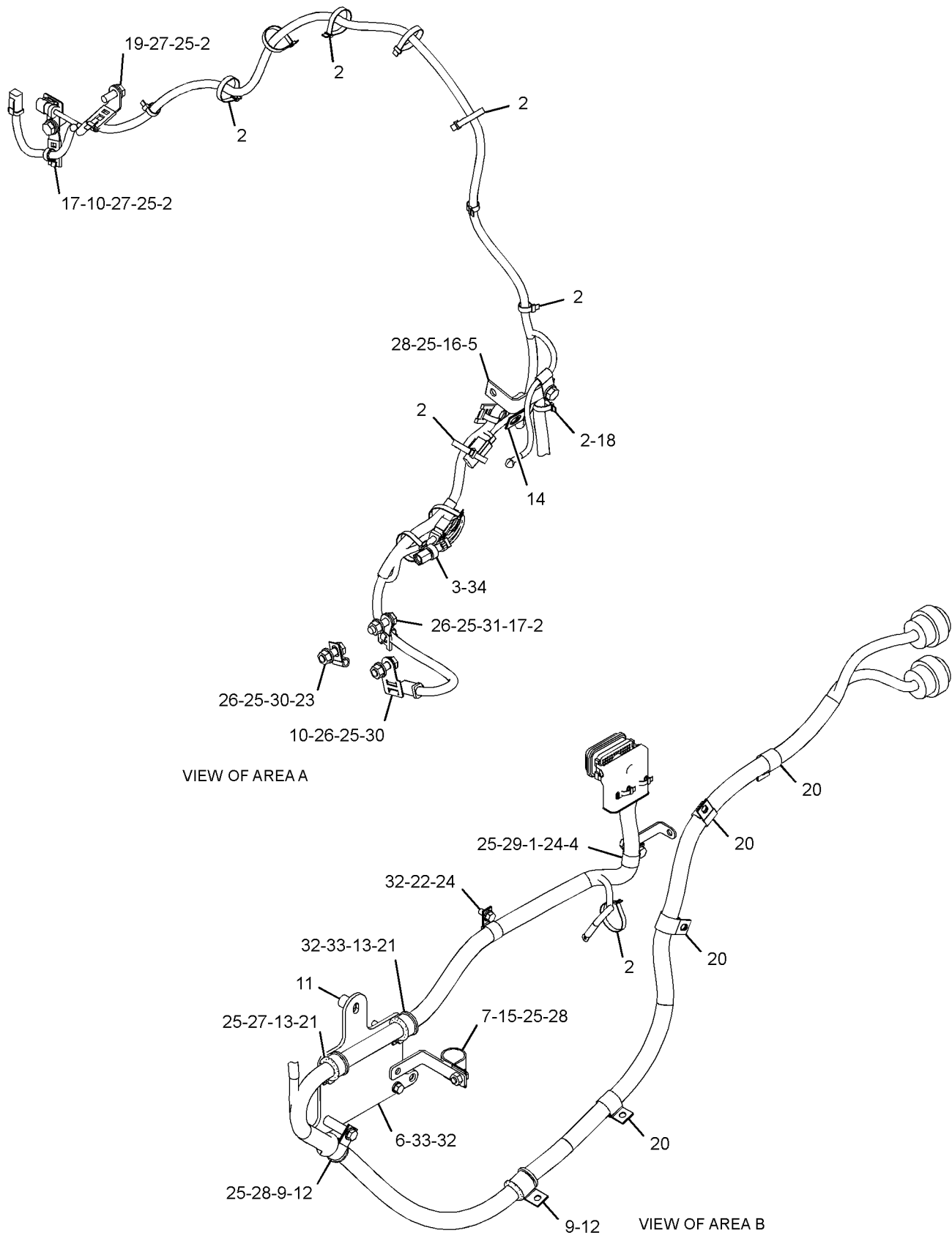
GRAPHIC #1

g02045318

ELECTRICAL AND STARTING SYSTEM

339-8271 WIRING GP-ENGINE (contd.)

i03750980



<END>

g02045334

ELECTRICAL AND STARTING SYSTEM

233-6216 WIRING GP-ENGINE ELECTRONIC

S/N: RHX1-4027

PART OF 225-6065, 225-6106 ENGINE AR-COMPLETE
AN ATTACHMENT

SMCS-1408, 1901

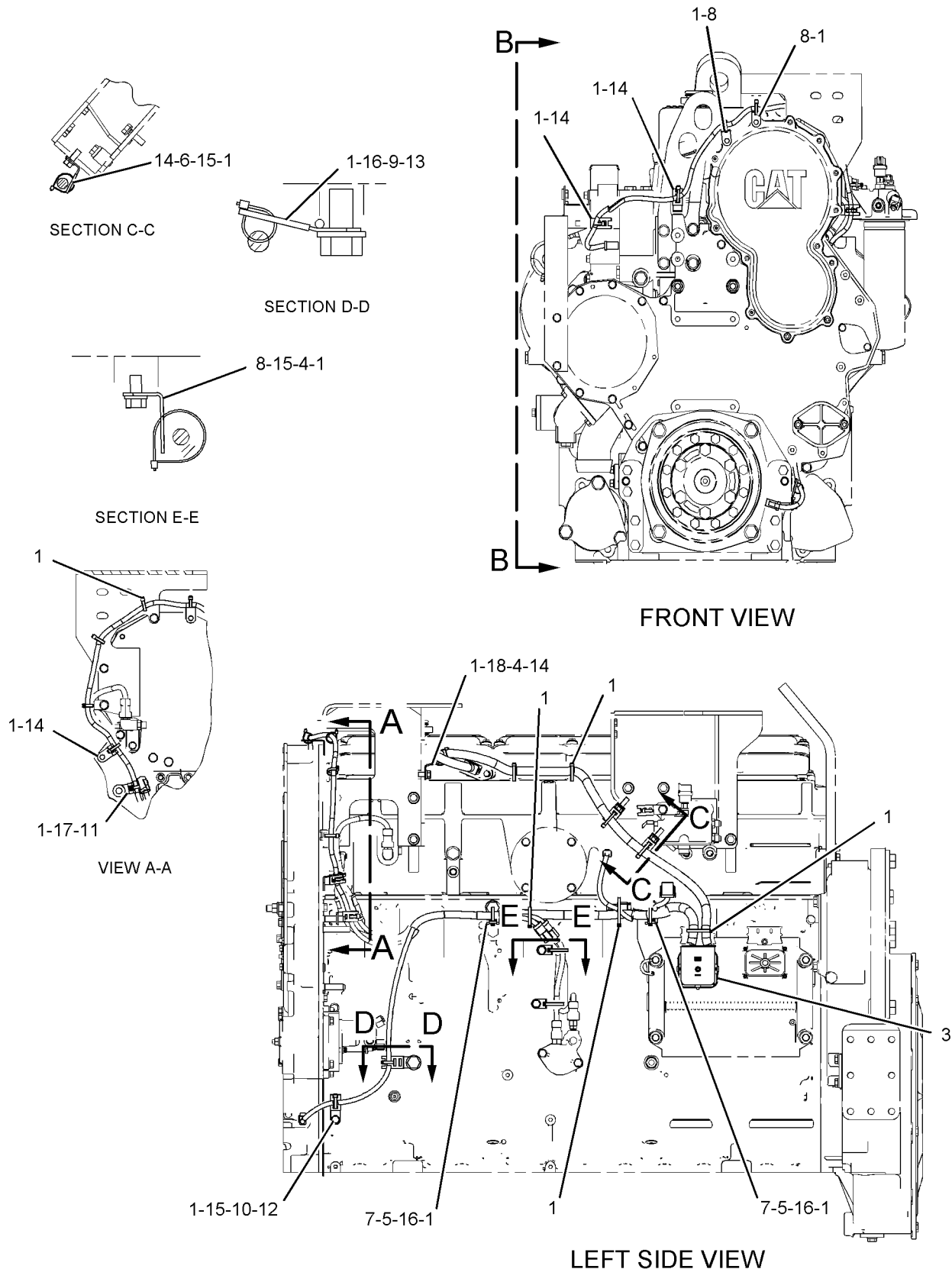
i02742348

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3S-2093	23	STRAP-CABLE	
	3	1	239-5929	1	HARNESS AS-ENGINE	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
		1	102-8803	2	KIT-RECEPTACLE (3-PIN) (EACH INCLUDES RECEPTACLE AS AND WEDGE)	
		1	8T-8737	80	PLUG-SEAL	
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN) (INCLUDES PLUG AS AND WEDGE)	
		1	155-2265		KIT-CONNECTING PLUG (8-PIN) (INCLUDES PLUG AS AND WEDGE)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN) (INCLUDES PLUG AS AND WEDGE)	
		1	155-2269	6	PLUG AS-CONNECTOR (2-PIN) (EACH INCLUDES)	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN) (INCLUDES PLUG AS AND WEDGE)	
		1	227-4002	1	PLUG AS-CONNECTOR (108-PIN)	
4		1	0S-0509	3	BOLT (3/8-16X0.75-IN)	
5		1	0S-1576	2	BOLT (5/8-18X2-IN)	
6		1	0S-1594	2	BOLT (3/8-16X1-IN)	
7		1	104-6202	2	CLIP	
8		1	132-5789	4	CLIP	
9		1	1A-4273	1	BOLT (5/8-18X1.25-IN)	
10		1	3B-1915	1	BOLT (3/8-16X1.375-IN)	
11		1	4P-7429	1	CLIP	
12		1	4P-7581	1	CLIP	
13		1	4P-7582	1	CLIP	
14		1	4P-8134	6	CLIP	
15		1	5M-2894	5	WASHER-HARD (10.2X18.5X2.5-MM THK)	
16		1	5P-8247	3	WASHER-HARD (17X32X3.5-MM THK)	
17		1	8T-4223	1	WASHER-HARD (13.5X25.5X3-MM THK)	
18		1	8T-4896	1	WASHER-HARD (10.2X18.5X2.5-MM THK)	

ELECTRICAL AND STARTING SYSTEM

233-6216 WIRING GP-ENGINE ELECTRONIC (contd.)

i02742348



GRAPHIC #1

<END>

g01106107

ELECTRICAL AND STARTING SYSTEM

233-6216 WIRING GP-ENGINE ELECTRONIC

S/N: RHX1-UP

PART OF 225-6065, 225-6106, 281-6452 ENGINE AR-COMplete
AN ATTACHMENT

SMCS-1408, 1901

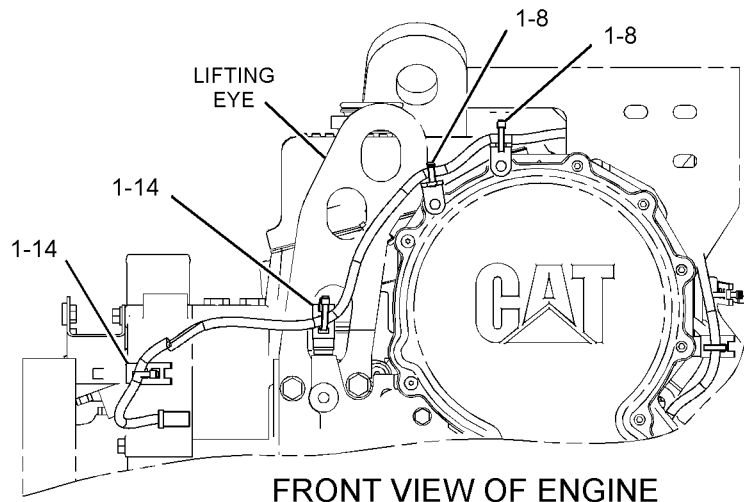
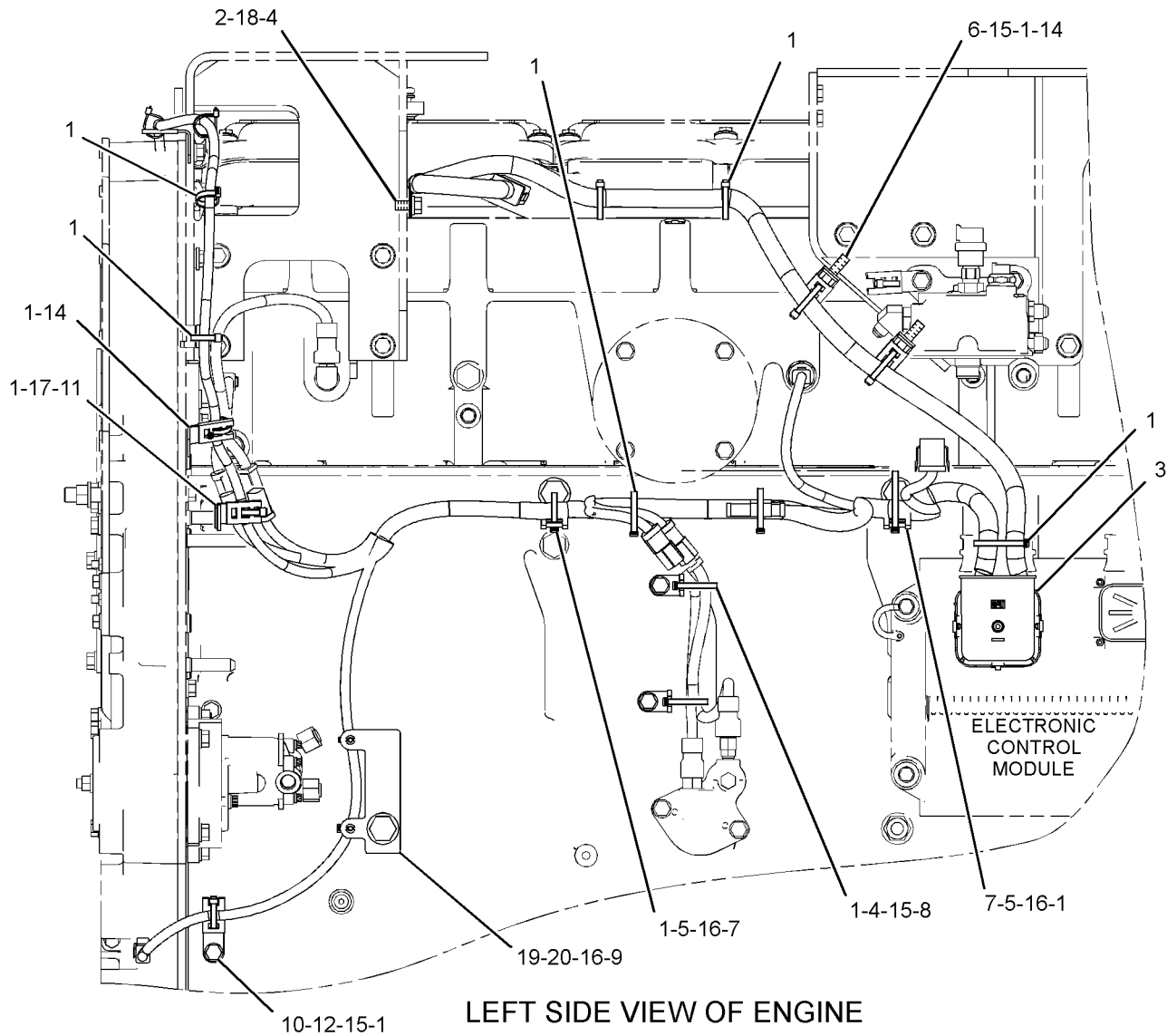
i03276741

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	20	STRAP-CABLE						
	2	1	8M-2773	1	CLIP						
	3	1	239-5929	1	HARNESS AS-ENGINE						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	102-8803	2	KIT-RECEPTACLE (3-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		1	8T-8737	80	PLUG-SEAL						
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
					(INCLUDES PLUG AS & WEDGE)						
		1	155-2265		KIT-CONNECTING PLUG (8-PIN)						
					(INCLUDES PLUG AS & WEDGE)						
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
					(INCLUDES PLUG AS & WEDGE)						
		1	155-2269	6	PLUG AS-CONNECTOR (2-PIN)						
					(EACH INCLUDES)						
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
					(INCLUDES PLUG AS & WEDGE)						
		1	227-4002	1	PLUG AS-CONNECTOR (108-PIN)						
	4	1	0S-0509	3	BOLT (3/8-16X0.75-IN)						
	5	1	0S-1576	2	BOLT (5/8-18X2-IN)						
	6	1	0S-1594	2	BOLT (3/8-16X1-IN)						
	7	1	104-6202	2	CLIP						
	8	1	132-5789	4	CLIP						
	9	1	1A-4273	1	BOLT (5/8-18X1.25-IN)						
	10	1	3B-1915	1	BOLT (3/8-16X1.375-IN)						
	11	1	4P-7429	1	CLIP						
	12	1	4P-7581	1	CLIP						
	14	1	4P-8134	5	CLIP						
	15	1	5M-2894	5	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	16	1	5P-8247	3	WASHER-HARD (17X32X3.5-MM THK)						
	17	1	8T-4223	1	WASHER-HARD (13.5X25.5X3-MM THK)						
	18	1	8T-4896	1	WASHER-HARD (10.2X18.5X2.5-MM THK)						
C	19	1	288-1023	1	BRACKET-SUPPORT						
C	20	1	206-1345	2	STRAP-CABLE						
C-CHANGE FROM PREVIOUS TYPE											

ELECTRICAL AND STARTING SYSTEM

233-6216 WIRING GP-ENGINE ELECTRONIC (contd.)

i03276741



GRAPHIC #1

<END>

g01893295

ELECTRICAL AND STARTING SYSTEM

225-6852 WIRING GP-FRONT

S/N: BXY1-1899

PART OF 225-5452 ELECTRICAL AR

SMCS-5734

i02346983

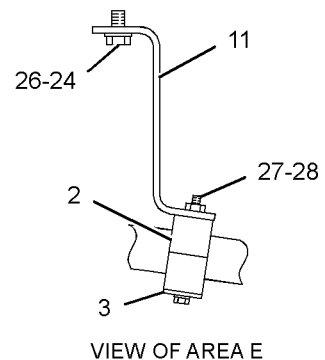
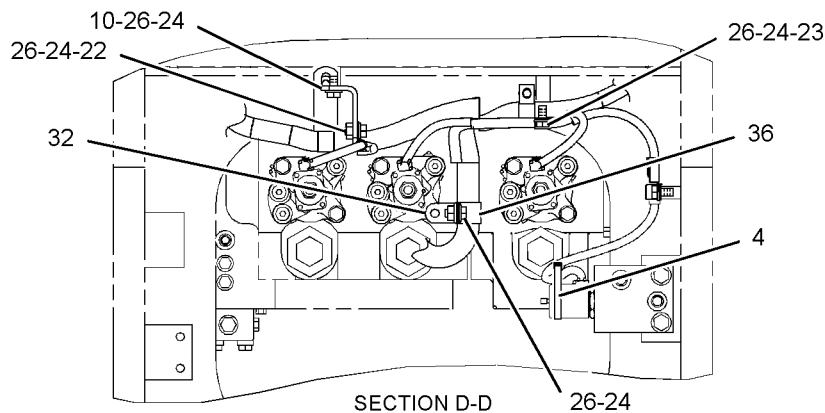
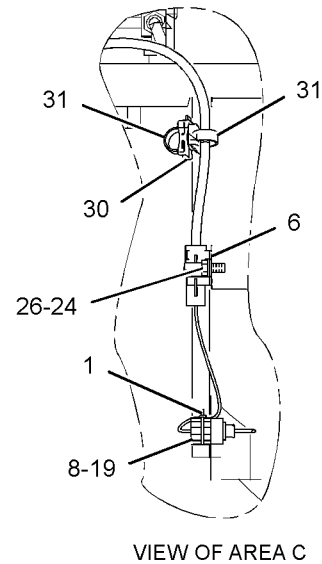
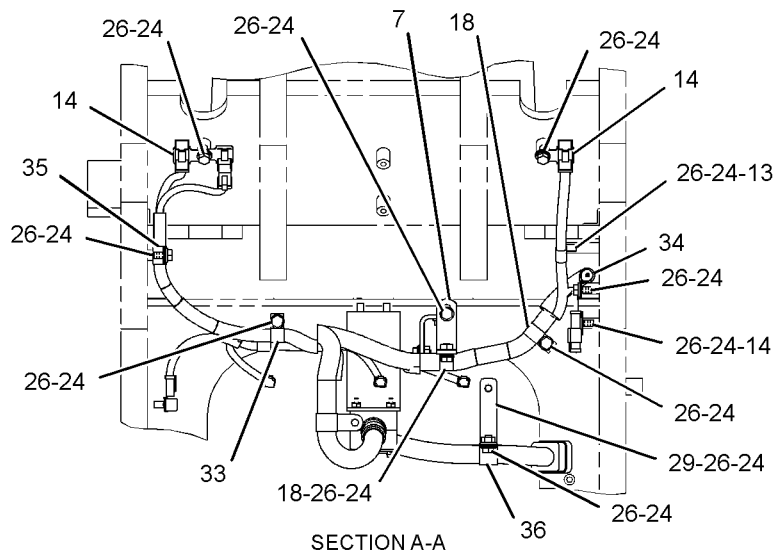
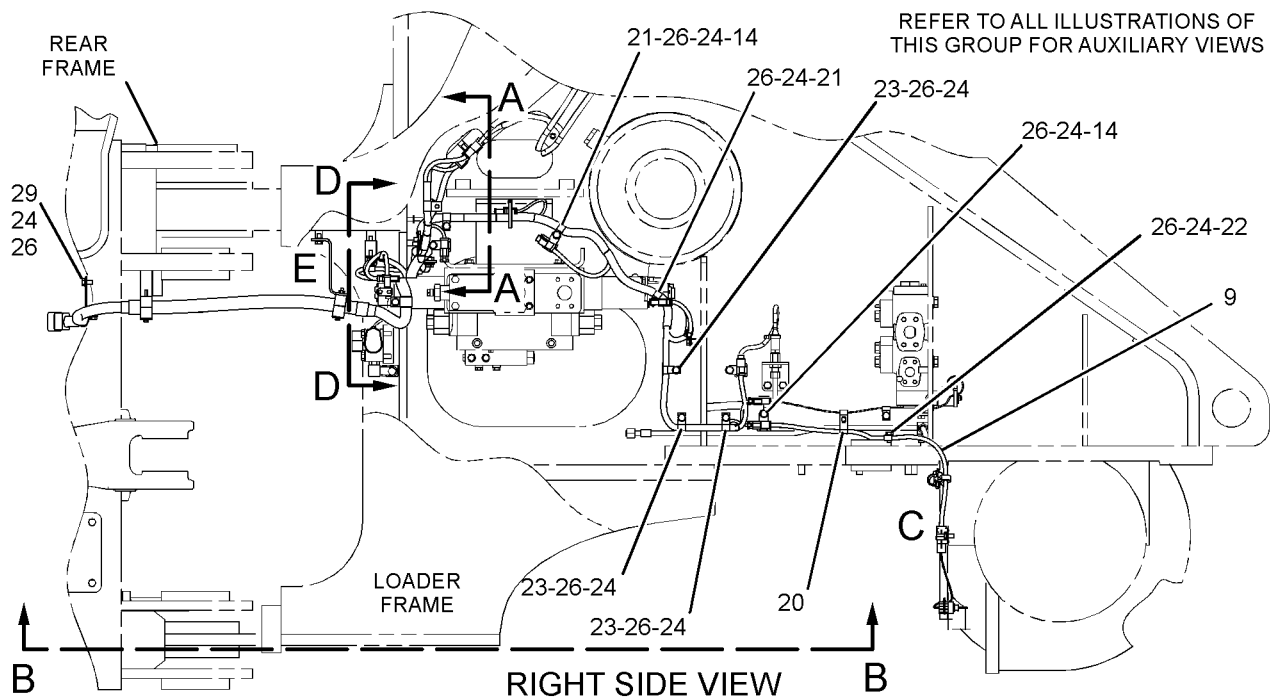
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3S-2093	1	STRAP-CABLE	
	2	1, 2	5V-6152	4	CLAMP	
	3	1, 2	5V-6153	2	PLATE-COVER	
	4	1	7K-1181	1	STRAP-CABLE	
	5	2	9U-2277	1	CLIP AS	
	6	1	9X-3495	1	CLIP AS	
	7	1	103-0010	1	BRACKET AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
Y	8	1	131-0427	1	SENSOR GP-TEMPERATURE (FRONT AXLE OIL)	433
	9	1	259-1965	1	HARNESS AS-SENSOR (AXLE OIL TEMPERATURE)	
		1	102-8804	1	KIT-RECEPTACLE (4-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
		1	8T-8731	1	PLUG-CONNECTOR (3-PIN)	
		1	8T-8737	1	PLUG-SEAL	
	10	1	142-3331	1	BRACKET AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	11	1	258-9757	1	BRACKET AS	
M		1	6V-9632	2	NUT-WELD (M6X1-THD)	
	12	2	260-0907	1	HARNESS AS-FRONT	
		2	102-8802	4	KIT-RECEPTACLE (2-PIN)	
		2	102-8803	2	KIT-RECEPTACLE (3-PIN)	
		2	102-8804	1	KIT-RECEPTACLE (4-PIN)	
		2	102-8805	2	KIT-RECEPTACLE (6-PIN) (EACH KIT INCLUDES RECEPTACLE AS AND WEDGE)	
		2	113-0580	1	RECEPTACLE AS-CONNECTOR (40-PIN)	
		2	8T-8737	30	PLUG-SEAL	
		2	9X-6772	4	STRAP-CABLE	
		2	155-2270	9	KIT-CONNECTING PLUG (2-PIN)	
		2	155-2274	1	KIT-CONNECTING PLUG (6-PIN)	
		2	155-2260	2	KIT-CONNECTING PLUG (3-PIN) (EACH KIT INCLUDES PLUG AS AND WEDGE)	
	13	1, 2	033-8248	2	CLIP	
	14	1	130-5300	6	CLIP	
	18	1	1S-0994	2	CLIP	
	19	1	3J-1907	1	SEAL-O-RING	
	20	1	4D-8123	1	CLIP	
	21	1	4K-8864	2	CLIP	
	22	1, 2	5P-9085	3	CLIP	
	23	1, 2	6V-3265	5	CLIP	
	24	1, 2	8T-4121	30	WASHER-HARD (11X21X2.5-MM THK)	
M	26	1, 2	8T-4137	30	BOLT (M10X1.5X20-MM)	
M	27	1, 2	8T-6974	4	BOLT (M6X1X80-MM)	
	28	1, 2	9X-8256	4	WASHER (6.6X12X2-MM THK)	
	29	1	217-4590	1	BRACKET AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	30	1	200-6345	1	MOUNT (DUAL SWIVEL)	
	31	1	193-3973	2	STRAP-CABLE	
	32	1	124-3019	1	BRACKET AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	33	1	9M-8406	1	CLIP	
	34	1	8M-2773	1	CLIP	
	35	1	6D-3479	1	CLIP	
	36	1, 2	4S-1962	2	CLIP	

M-METRIC PART
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

225-6852 WIRING GP-FRONT (contd.)

i02346983



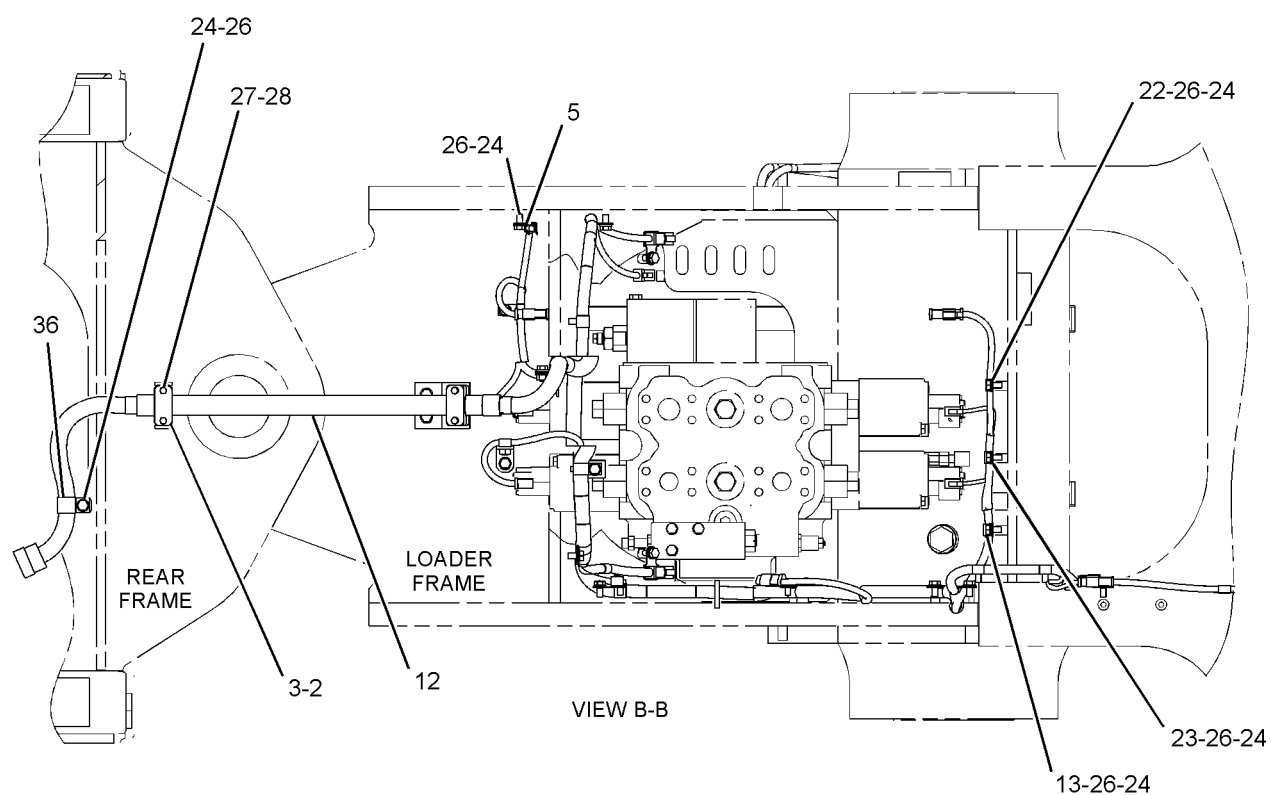
GRAPHIC #1

g01191163

ELECTRICAL AND STARTING SYSTEM

225-6852 WIRING GP-FRONT (contd.)

i02346983



GRAPHIC #2

<END>

g01124660

ELECTRICAL AND STARTING SYSTEM

284-3007 WIRING GP-FRONT

S/N: BXY1900-3999

PART OF 284-2987 ELECTRICAL AR

SMCS-5734

i02863183

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2, 3	5V-6152	4	CLAMP	
	2	2, 3	5V-6153	2	PLATE-COVER	
	5	2	9X-6772	1	STRAP-CABLE	
	6	1	103-0010	1	BRACKET AS	
	7	2	116-0118	1	CLIP	
	8	1, 2	124-3019	2	BRACKET AS	
	9	2	142-3331	1	BRACKET AS	
	10	2	193-3973	2	STRAP-CABLE	
	11	2	200-6345	1	MOUNT (DUAL SWIVEL)	
	12	3	217-4590	1	BRACKET AS	
	13	2	258-9757	1	BRACKET AS	
M		2	6V-9632	2	NUT-WELD (M6X1-THD)	
	14	3	284-3008	1	HARNESS AS-FRONT	
		3	102-8802	4	KIT-RECEPTACLE (2-PIN)	
		3	102-8803	2	KIT-RECEPTACLE (3-PIN)	
		3	102-8804	1	KIT-RECEPTACLE (4-PIN)	
		3	102-8805	2	KIT-RECEPTACLE (6-PIN)	
					(EACH KIT INCLUDES RECEPTACLE AS AND WEDGE)	
		3	9X-6772	4	STRAP-CABLE	
		3	113-0580	1	RECEPTACLE AS-CONNECTOR (40-PIN)	
		3	155-2260	2	KIT-CONNECTING PLUG (3-PIN)	
		3	155-2270	9	KIT-CONNECTING PLUG (2-PIN)	
		3	155-2271	2	KIT-CONNECTING PLUG (4-PIN)	
		3	155-2274	1	KIT-CONNECTING PLUG (6-PIN)	
					(EACH KIT INCLUDES PLUG AS AND WEDGE)	
	15	3	286-0916	1	HARNESS AS-SENSOR (FRONT AXLE OIL TEMPERATURE)	
		3	102-8804	1	KIT-RECEPTACLE (4-PIN)	
					(INCLUDES RECEPTACLE AS AND WEDGE)	
		3	230-5008	1	PLUG AS-CONNECTOR (4-PIN)	
Y	16	2	288-8390	1	SENSOR GP-TEMPERATURE (FRONT AXLE OIL)	440
	17	2	033-8248	1	CLIP	
	18	3	124-1479	3	CLIP	
	19	1, 2, 3	130-5300	7	CLIP	
	20	1, 2, 3	1S-0994	4	CLIP	
	21	2	3J-1907	1	SEAL-O-RING	
	22	3	4D-8123	1	CLIP	
	23	2, 3	5P-9085	3	CLIP	
	24	1	6D-3479	1	CLIP	
	25	2	6V-3265	1	CLIP	
	26	3	8M-2770	2	CLIP	
	27	3	8M-2773	1	CLIP	
	28	1, 2, 3	8T-4121	31	WASHER-HARD (11X21X2.5-MM THK)	
M	29	1, 2, 3	8T-4137	31	BOLT (M10X1.5X20-MM)	
M	30	2, 3	8T-6974	4	BOLT (M6X1X80-MM)	
	31	1, 3	9M-8406	3	CLIP	
	32	2, 3	9X-8256	4	WASHER (6.6X12X2-MM THK)	

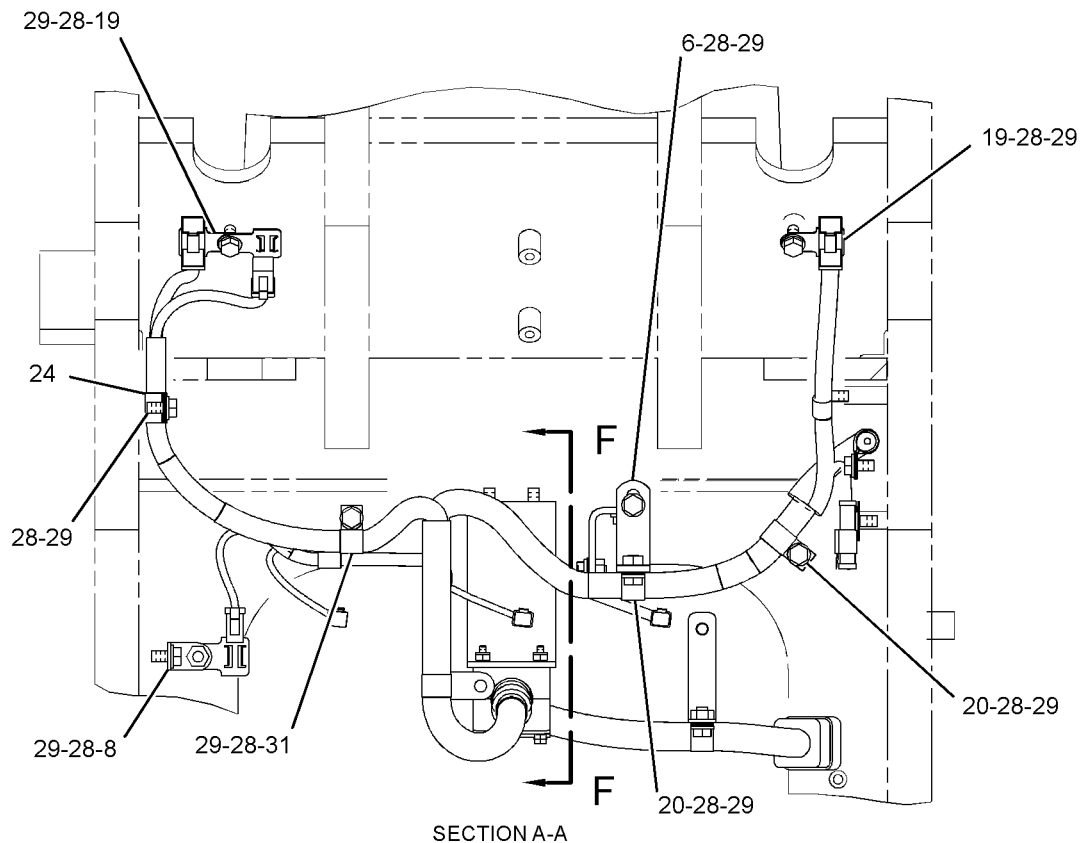
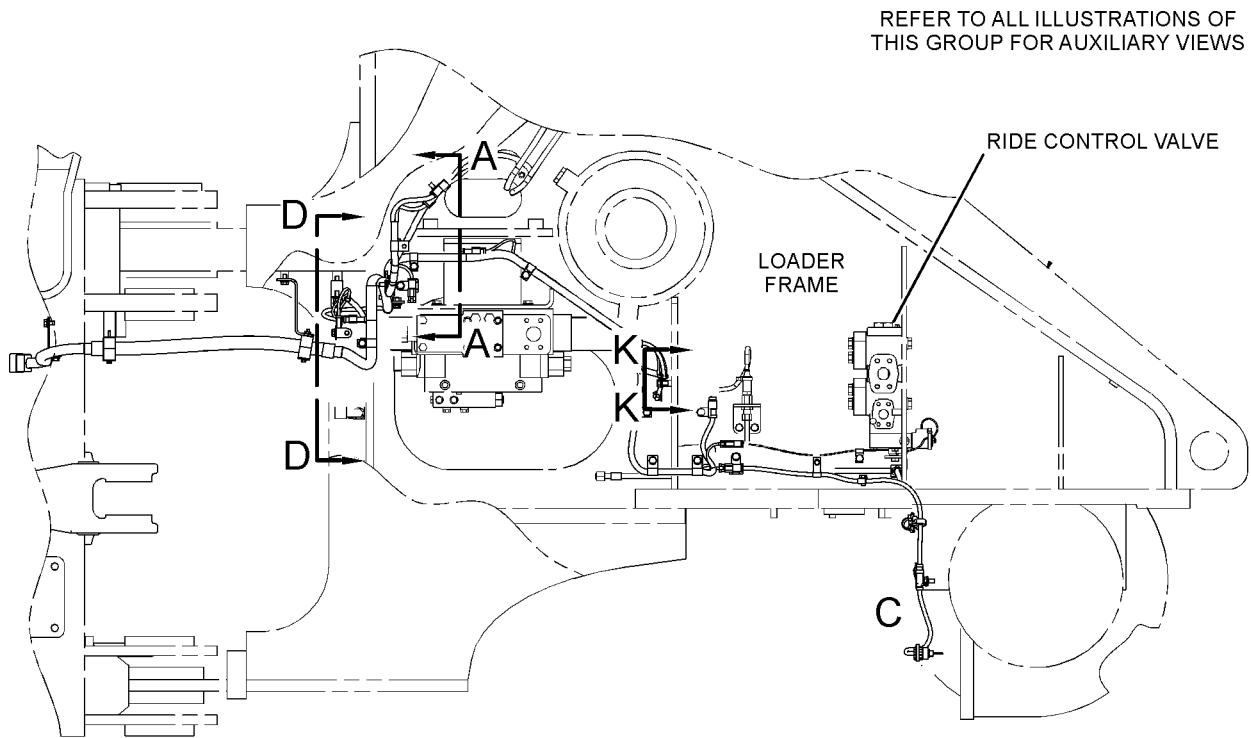
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

284-3007 WIRING GP-FRONT (contd.)

i02863183



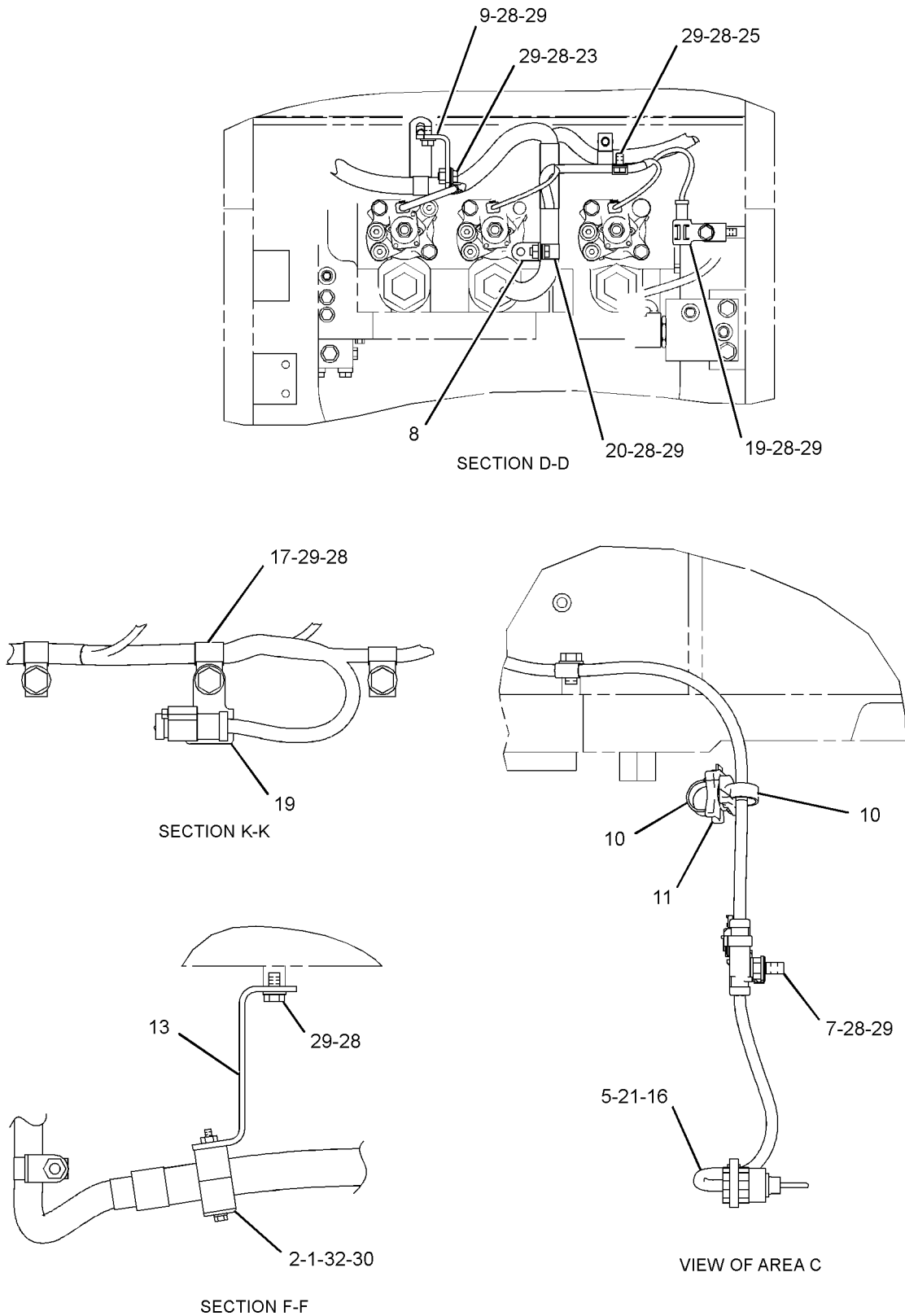
GRAPHIC #1

g01429087

ELECTRICAL AND STARTING SYSTEM

284-3007 WIRING GP-FRONT (contd.)

i02863183



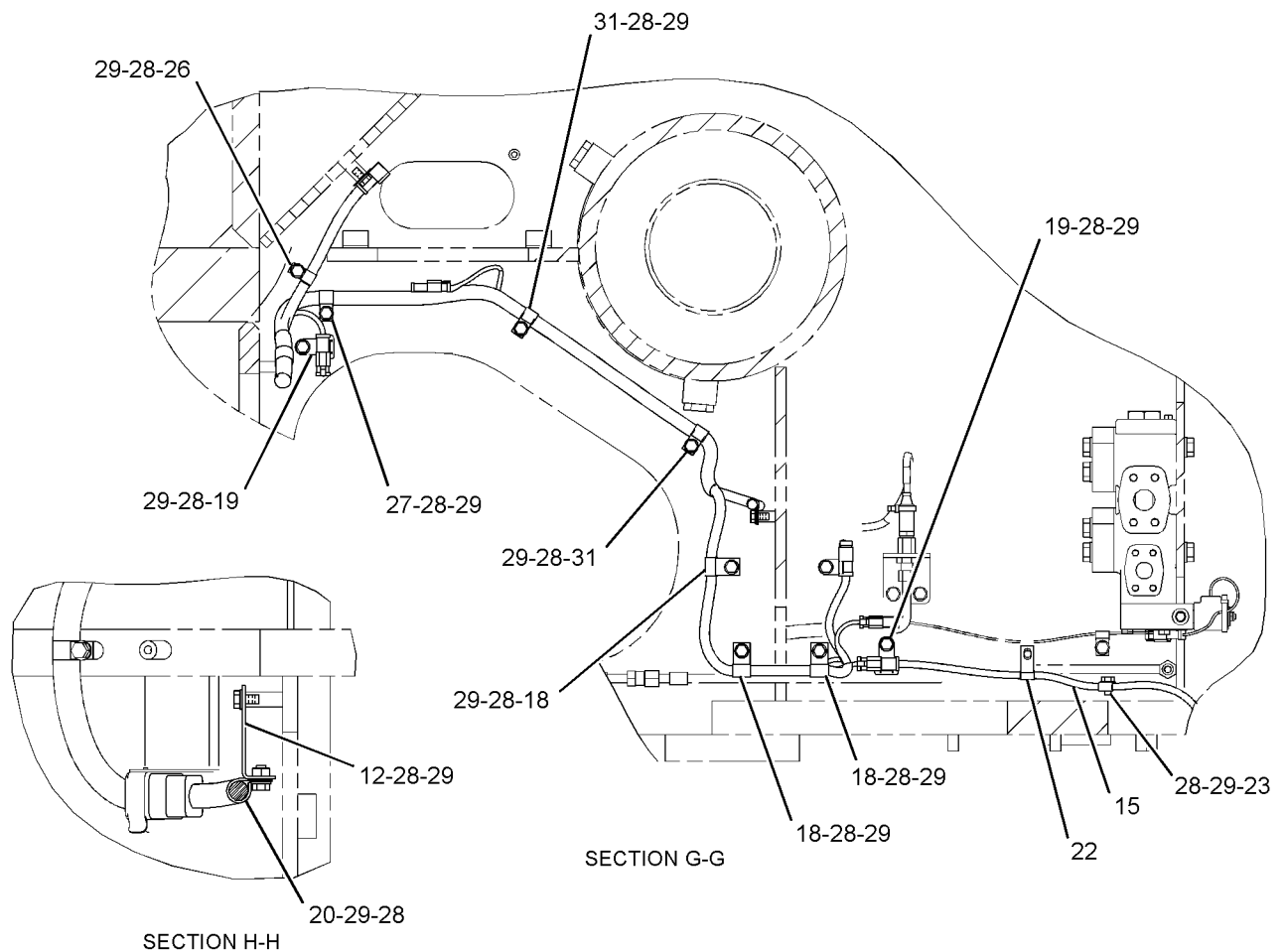
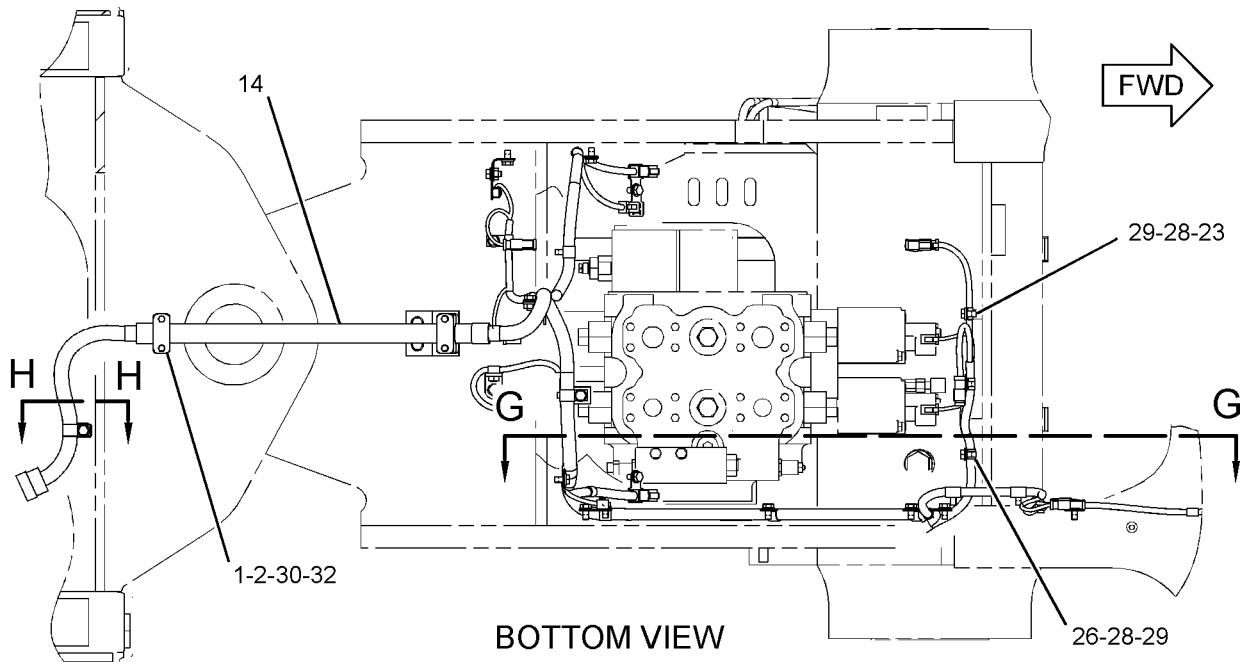
GRAPHIC #2

g01429088

ELECTRICAL AND STARTING SYSTEM

284-3007 WIRING GP-FRONT (contd.)

i02863183



GRAPHIC #3

<END>

g01429089

ELECTRICAL AND STARTING SYSTEM

345-0520 WIRING GP-FRONT

S/N: BXY4000-UP

PART OF 337-0870 ELECTRICAL AR

SMCS-5734

i03750984

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1,2	5V-6152	4	CLAMP	
	2	1,2	5V-6153	2	PLATE-COVER	
	3	1	7W-8106	1	SPACER (11.13X19.05X15-MM THK)	
	4	1,2	9X-6772	2	STRAP-CABLE	
	5	2	091-0081	1	SPACER (10.5X20X10-MM THK)	
	6	1	116-0118	1	CLIP	
	7	1	121-1343	1	PLATE AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	8	2	125-8534	1	PLATE AS	
	9	1	144-4613	1	ANGLE AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	10	2	160-4989	1	BRACKET AS	
M		2	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	11	1	192-5017	1	BRACKET AS	
	12	1	200-6345	1	MOUNT (DUAL SWIVEL)	
	13	1,2	204-2281	29	STRAP-TIE	
	14	1,2	204-8000	25	MOUNT (TIE WRAP)	
Y	15	1	288-8390	1	SENSOR GP-TEMPERATURE (FRONT AXLE OIL)	440
	16	1	309-2714	1	HARNESS AS-SENSOR (AXLE OIL TEMPERATURE)	
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	8T-8737	2	PLUG-SEAL	
		1	9X-3401	3	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	230-5008	1	PLUG AS-CONNECTOR (4-PIN)	
		1	264-7031	1	SEAL-CONNECTOR	
E		1	114-8843		SLEEVE-PLASTIC (40-CM)	
		1	9X-3402	3	SOCKET-CONNECTOR (16-GA TO 18-GA)	
	17	1	317-8012	1	BRACKET AS	
M		1	6V-9632	2	NUT-WELD (M6X1-THD)	
	18	2	317-8014	1	BRACKET AS	
M		2	6V-9632	2	NUT-WELD (M6X1-THD)	
	19	1	345-0521	1	HARNESS AS-FRONT	
		1	274-3774	2	CAP-CONNECTOR	
E		1	5P-1506		HOSE (58-CM)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	11	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2271	2	KIT-CONNECTING PLUG (4-PIN)	
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
		1	102-8803	2	KIT-RECEPTACLE (3-PIN)	
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)	
		1	102-8805	2	KIT-RECEPTACLE (6-PIN)	
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)	
		1	9X-3401	47	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	126-1767	10	PIN-CONNECTOR (14-GA)	
		1	8T-8737	19	PLUG-SEAL	
		1	113-0580	1	RECEPTACLE AS-CONNECTOR (40-PIN)	
		1	106-4155	1	KIT-BOLT (ELECTRICAL CONNECTORS)	
E		1	114-8843		SLEEVE-PLASTIC (340-CM)	
E		1	114-8845		SLEEVE-PLASTIC (40-CM)	
		1	9X-3402	30	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		1	9X-6772	6	STRAP-CABLE	
E		1	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (13-CM)	

ELECTRICAL AND STARTING SYSTEM

345-0520 WIRING GP-FRONT (contd.)

i03750984

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
E		1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (5-CM)						
E		1	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (25-CM)						
		1	3E-3371	2	WEDGE-RECEPTACLE LOCK (3-PIN)						
		1	3E-3377	1	WEDGE-RECEPTACLE LOCK (4-PIN)						
		1	3E-3383	2	WEDGE-RECEPTACLE LOCK (6-PIN)						
	20	1, 2	130-5300	10	CLIP						
	21	1	214-7568	1	SEAL-O-RING						
	22	1	7X-7729	1	WASHER (11X25X3-MM THK)						
	23	1, 2	8T-4121	37	WASHER-HARD (11X21X2.5-MM THK)						
M	24	1, 2	8T-4136	20	BOLT (M10X1.5X25-MM)						
M	25	1, 2	8T-4137	10	BOLT (M10X1.5X20-MM)						
M	26	2	8T-4179	1	BOLT (M12X1.75X20-MM)						
M	27	1	8T-4186	1	BOLT (M10X1.5X40-MM)						
M	28	1, 2	8T-4195	6	BOLT (M10X1.5X30-MM)						
M	29	1, 2	8T-6974	4	BOLT (M6X1X80-MM)						
	30	1, 2	9X-8256	4	WASHER (6.6X12X2-MM THK)						

E-ORDER BY THE CENTIMETER

M-METRIC PART

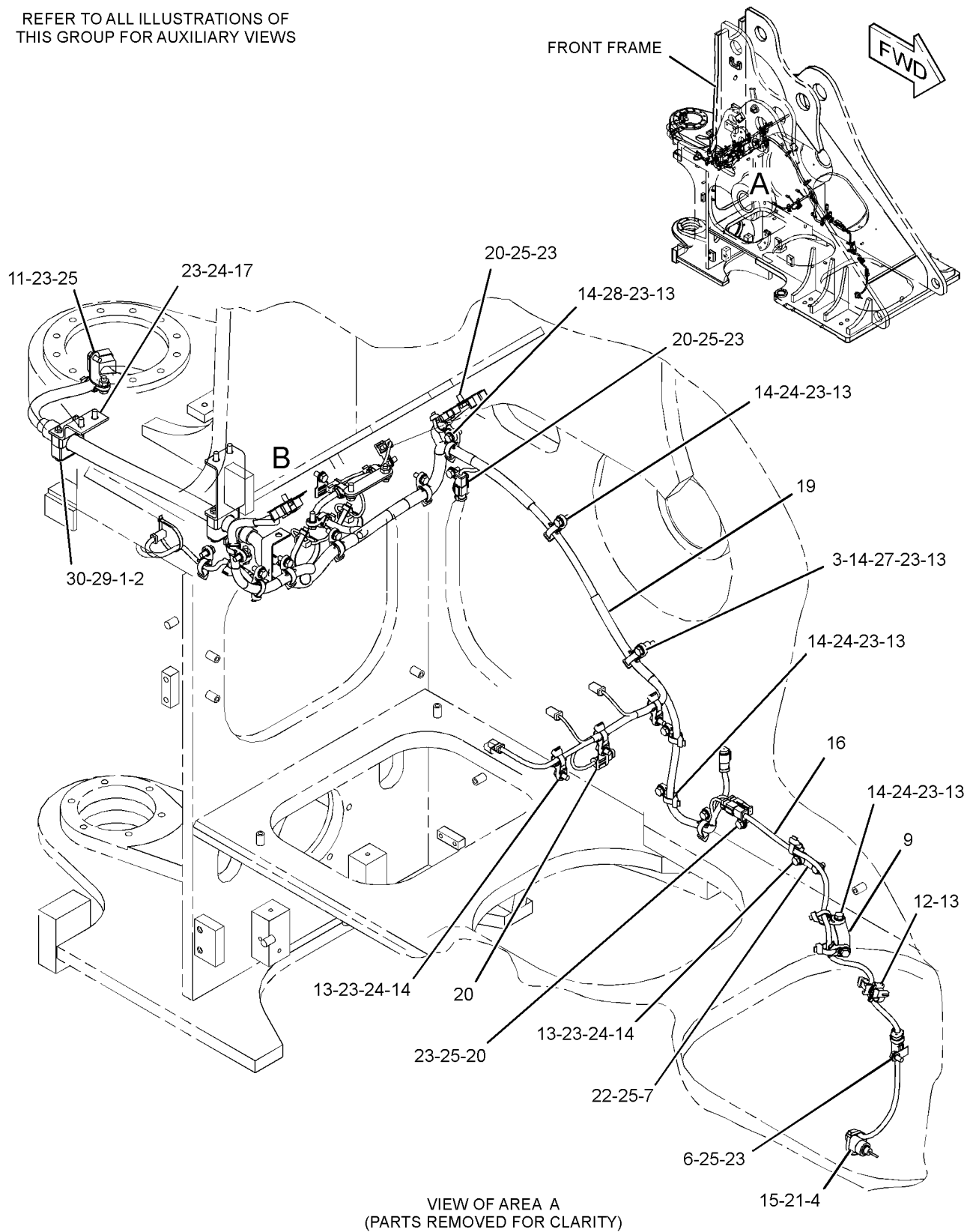
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

345-0520 WIRING GP-FRONT (contd.)

i03750984

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



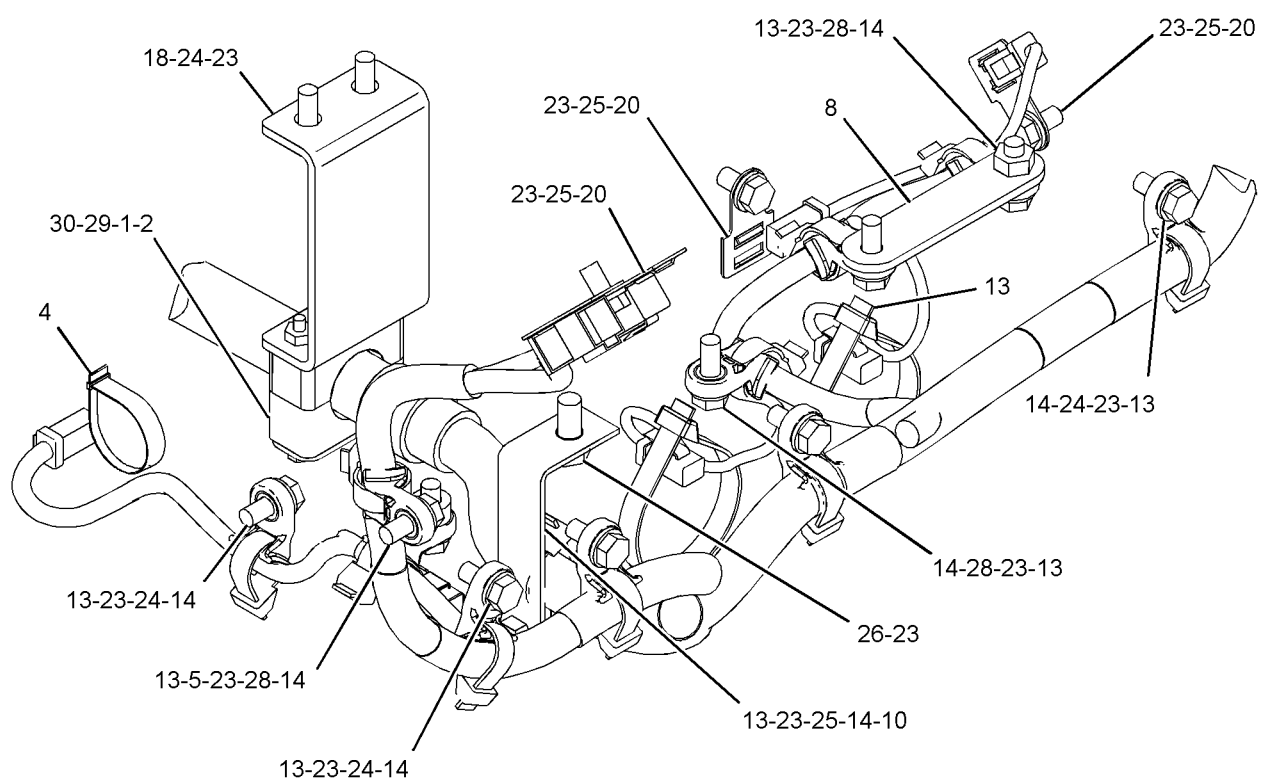
GRAPHIC #1

g02034474

ELECTRICAL AND STARTING SYSTEM

345-0520 WIRING GP-FRONT (contd.)

i03750984



VIEW OF AREA B

GRAPHIC #2

<END>

g02034475

ELECTRICAL AND STARTING SYSTEM

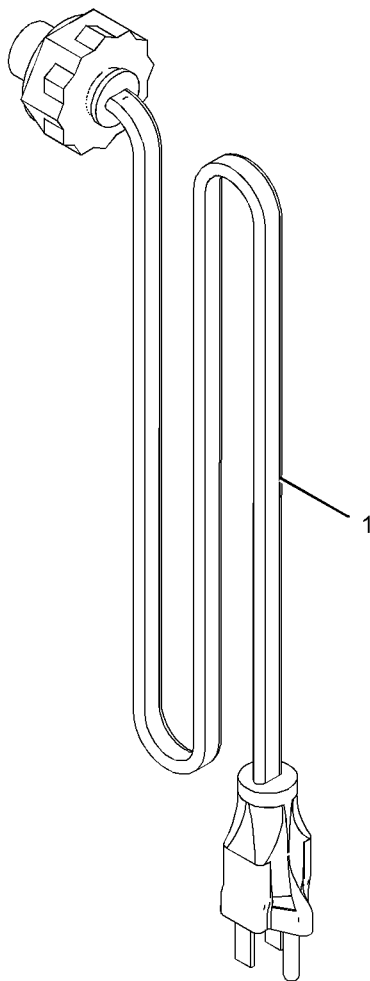
296-8073 WIRING GP-HEATER-JACKET WATER

S/N: BXY1-UP
120-VOLT, 15-AMPERE
AN ATTACHMENT

SMCS-1408

i02679279

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	9N-5253	1	CORD AS-HEATER ELEMENT (120-VOLT, 15-AMPERE)	



GRAPHIC #1

<END>

g01349212

ELECTRICAL AND STARTING SYSTEM

225-6859 WIRING GP-MACHINE

S/N: BXY1-507

PART OF 225-5452 ELECTRICAL AR

SMCS-1408

i02387631

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	3T-9549	1	ADAPTER	
	2	1, 3	6B-6205	2	SPACER (0.438X0.875X1.281-IN THK)	
	3	1, 4	9X-3495	2	CLIP AS	
	4	1, 2, 3, 4	9X-6772	8	STRAP-CABLE	
	5	1	119-7839	1	BRACKET	
Y	6	4	131-0427	1	SENSOR GP-TEMPERATURE (HYDRAULIC OIL)	433
Y	6A	1	131-0427	1	SENSOR GP-TEMPERATURE (REAR AXLE OIL)	433
	7	4	141-8712	1	HARNESS AS-HYDRAULIC TANK	
		4	102-8805	1	KIT-RECEPTACLE (6-PIN)	
					(INCLUDES RECEPTACLE AS AND WEDGE)	
		4	8T-8731	1	PLUG-CONNECTOR (3-PIN)	
		4	8T-8737	2	PLUG-SEAL	
		4	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		4	155-2270	1	KIT-CONNECTING PLUG (2-PIN)	
					(EACH KIT INCLUDES PLUG AS AND WEDGE)	
	8	1	141-8714	1	HARNESS AS-SENSOR (REAR AXLE OIL TEMPERATURE)	
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)	
					(INCLUDES RECEPTACLE AS AND WEDGE)	
		1	8T-8731	1	PLUG-CONNECTOR (3-PIN)	
		1	8T-8737	1	PLUG-SEAL	
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)	
	9	1	146-6734	1	PLATE AS	
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)	
	10	3	148-6729	1	BRACKET AS	
M		3	8T-3490	1	NUT-WELD (M10X1.5-THD)	
M		3	9R-1733	1	BOSS (M10X1.5X66.5-MM)	
	11	3	153-7095	2	BRACKET AS	
					(EACH INCLUDES)	
M		3	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	12	1	154-6626	1	BRACKET AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
Y	13	2	164-7577	1	SWITCH GP-BYPASS (POWER TRAIN OIL FILTER)	452
	14	4	175-3244	1	SWITCH AS-PRESSURE (BRAKE ACCUMULATOR CHARGE)	
		4	102-8803	1	KIT-RECEPTACLE (3-PIN)	
	15	2	184-4902	1	GUARD AS	
		2	5V-9221	2	SPACER (13.8X25X25-MM THK)	
		2	184-4903	1	PLATE	
	16	2	192-7455	1	HARNESS AS-CHASSIS (POW TR FILTER, WINDOW WASHER)	
		2	102-8803	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS AND WEDGE)	
		2	8T-8737	2	PLUG-SEAL	
		2	155-2265	1	KIT-CONNECTING PLUG (8-PIN)	
		2	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		2	155-2270	2	KIT-CONNECTING PLUG (2-PIN)	
					(EACH KIT INCLUDES PLUG AS AND WEDGE)	
	17	3	221-3405	1	SENSOR GP-PRESSURE (VARIABLE DISPLACEMENT PUMP OIL)	
		3	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		3	180-9340	3	SOCKET-CONNECTOR (14-GA TO 18-GA)	
	18	2	259-9251	1	HARNESS AS-CHASSIS (MAIN)	
		2	102-8802	2	KIT-RECEPTACLE (2-PIN)	
		2	102-8803	3	KIT-RECEPTACLE (3-PIN)	
		2	102-8804	4	KIT-RECEPTACLE (4-PIN)	
		2	102-8805	2	KIT-RECEPTACLE (6-PIN)	

ELECTRICAL AND STARTING SYSTEM

225-6859 WIRING GP-MACHINE (contd.)

i02387631

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	102-8806	2	KIT-RECEPTACLE (8-PIN)						
		2	102-8801	5	KIT-RECEPTACLE (12-PIN)						
					(EACH KIT INCLUDES RECEPTACLE AS AND WEDGE)						
		2	3T-0204	1	RECEPTACLE AS-CONNECTOR (20-PIN)						
		2	8N-1513	1	RECEPTACLE AS-CONNECTOR (37-PIN)						
		2	8N-1515	1	RECEPTACLE AS-CONNECTOR (24-PIN)						
		2	8N-1517	1	RECEPTACLE AS-CONNECTOR (25-PIN)						
		2	7G-7917	51	PLUG-SEAL						
		2	7G-7918	2	PLUG-SEAL						
		2	7G-7920	2	PLUG-SEAL						
		2	8T-8737	64	PLUG-SEAL						
		2	9X-6772	10	STRAP-CABLE						
		2	8N-1521	5	BELL AS-END						
		2	8N-1535	1	BELL AS-END						
		2	110-6845	1	PLUG AS-CONNECTOR (40-PIN)						
		2	3T-3412	1	PLUG AS-CONNECTOR (37-PIN)						
		2	8N-1514	1	PLUG AS-CONNECTOR (37-PIN)						
		2	8N-1518	1	PLUG AS-CONNECTOR (25-PIN)						
		2	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
		2	155-2260	4	KIT-CONNECTING PLUG (3-PIN)						
		2	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
		2	155-2271	3	KIT-CONNECTING PLUG (4-PIN)						
		2	155-2274	2	KIT-CONNECTING PLUG (6-PIN)						
					(EACH KIT INCLUDES PLUG AS AND WEDGE)						
	19	3	229-3177	1	PLATE AS						
		3	6V-6716	2	RIVET-TRUSS HEAD						
		3	109-1645	1	CLIP						
	20	2	033-8248	1	CLIP						
	21	1	091-0081	1	SPACER (10.5X20X10-MM THK)						
	22	2	115-3072	2	CLIP AS-CONNECTOR (8-PIN)						
	23	1, 2, 3, 4	130-5300	13	CLIP						
	24	4	148-8313	1	ADAPTER AS						
		4	3K-0360	1	SEAL-O-RING						
		4	5P-6944	1	ADAPTER						
	25	3	1S-0994	1	CLIP						
	26	2	2S-4078	1	SEAL-O-RING						
	27	2	3D-2824	1	SEAL-O-RING						
	28	3, 4	3J-1907	4	SEAL-O-RING						
	29	2, 3	4D-7388	4	CLIP						
	30	1, 2, 4	4D-7794	6	CLIP						
	31	1, 2	4K-8864	2	CLIP						
	32	1, 3	4S-1962	9	CLIP						
	33	2, 4	5P-7854	5	CLIP						
	34	1, 2, 3, 4	5P-9085	12	CLIP						
	35	3	5P-9299	2	CLIP						
	36	2	6D-3479	1	CLIP						
	37	3	6D-4246	1	CLIP						
	38	2, 3	6V-2383	3	CLIP						
	39	3	6V-3265	1	CLIP						
	40	2	7D-1553	1	CLIP						
	41	1, 2	8M-2770	8	CLIP						
	42	3	8M-2773	1	CLIP						
	43	1, 2, 3, 4	8T-4121	66	WASHER-HARD (11X21X2.5-MM THK)						
M	44	1, 3	8T-4136	6	BOLT (M10X1.5X25-MM)						
M	45	1, 2, 3, 4	8T-4137	48	BOLT (M10X1.5X20-MM)						
M	46	3	8T-4139	1	BOLT (M12X1.75X30-MM)						

ELECTRICAL AND STARTING SYSTEM

225-6859 WIRING GP-MACHINE (contd.)

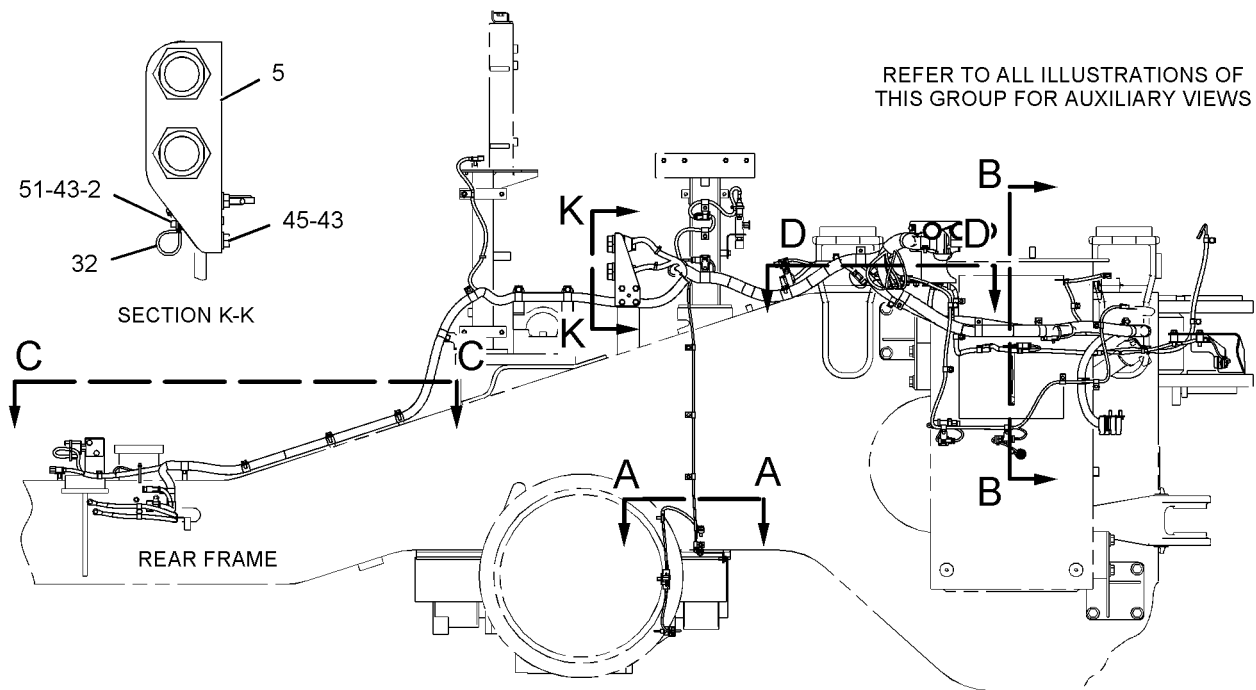
i02387631

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	47	2	8T-4194	2	BOLT (M12X1.75X50-MM)						
M	48	1, 2, 3	8T-4195	10	BOLT (M10X1.5X30-MM)						
	49	1, 2, 3	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)						
M	50	1	8T-4244	1	NUT (M12X1.75-THD)						
M	51	1, 3	8T-6466	2	BOLT (M10X1.5X60-MM)						
	52	3	9X-8250	2	CLIP						
	53	3	116-4491	1	BRACKET AS						
M		3	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	54	1	7K-1181	1	STRAP-CABLE						
	55	1	6D-4244	1	CLIP						
M-METRIC PART Y-SEPARATE ILLUSTRATION											

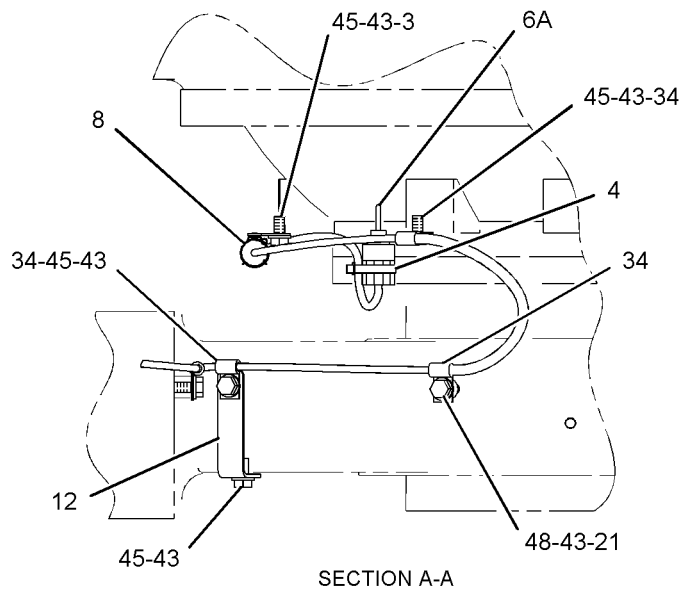
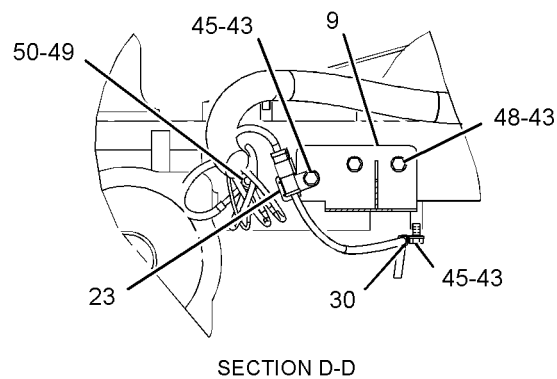
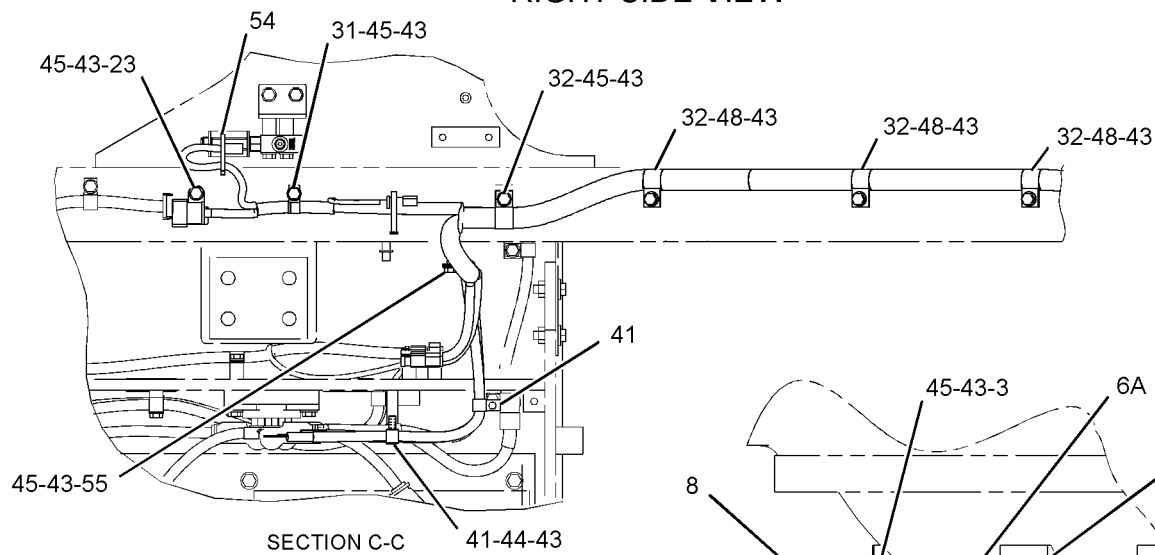
ELECTRICAL AND STARTING SYSTEM

225-6859 WIRING GP-MACHINE (contd.)

i02387631



RIGHT SIDE VIEW



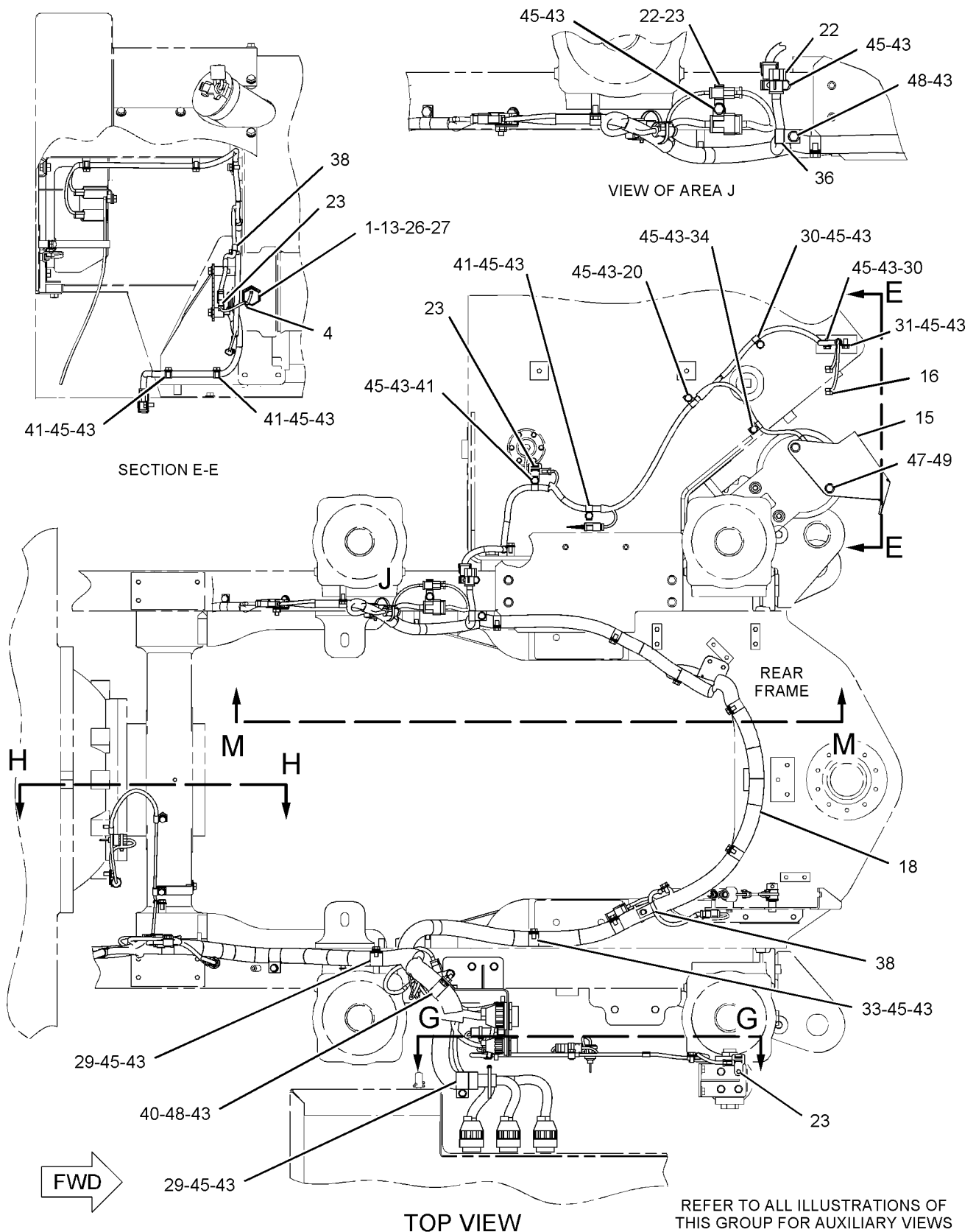
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g01125059

ELECTRICAL AND STARTING SYSTEM

225-6859 WIRING GP-MACHINE (contd.)

i02387631



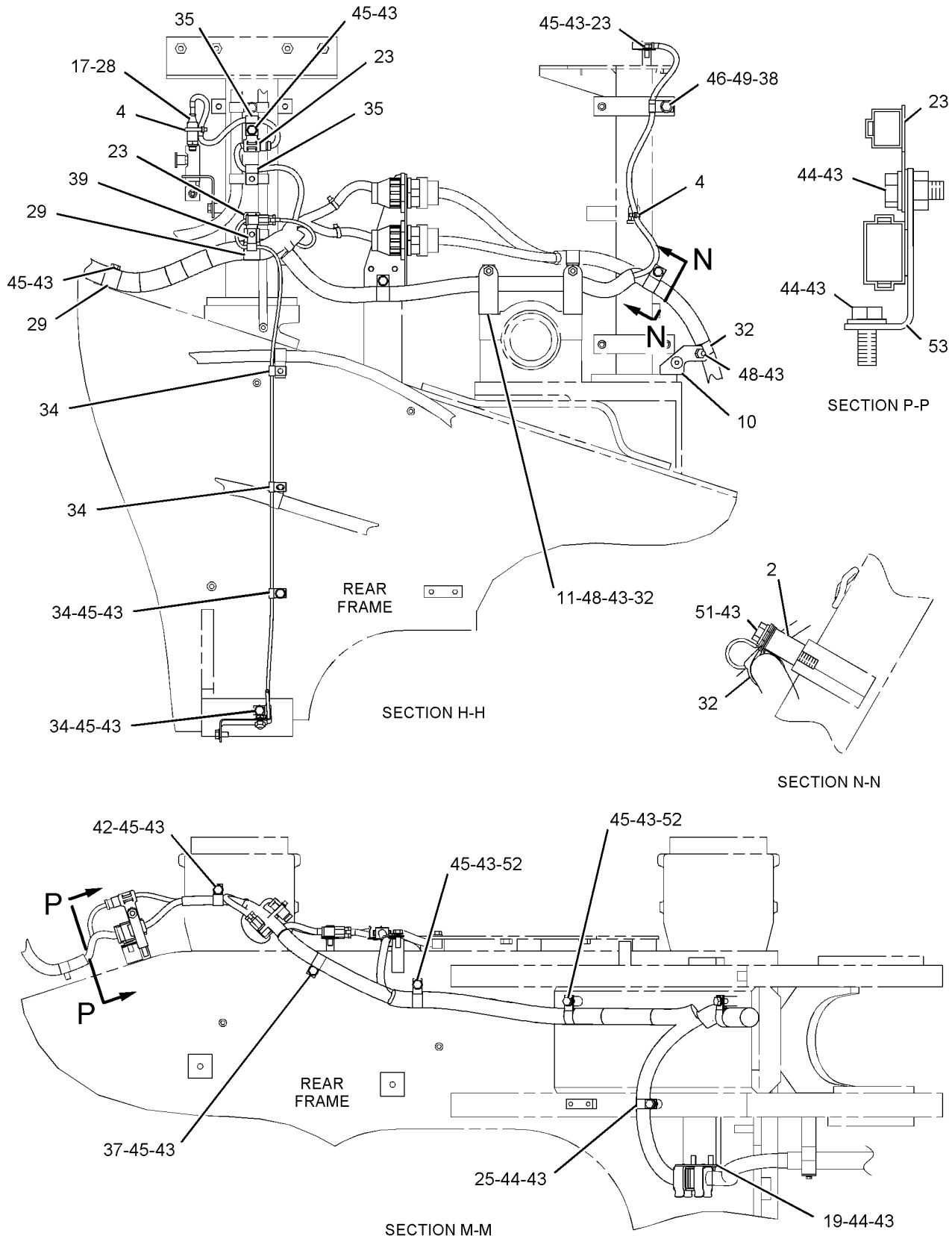
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ELECTRICAL AND STARTING SYSTEM

225-6859 WIRING GP-MACHINE (contd.)

i02387631



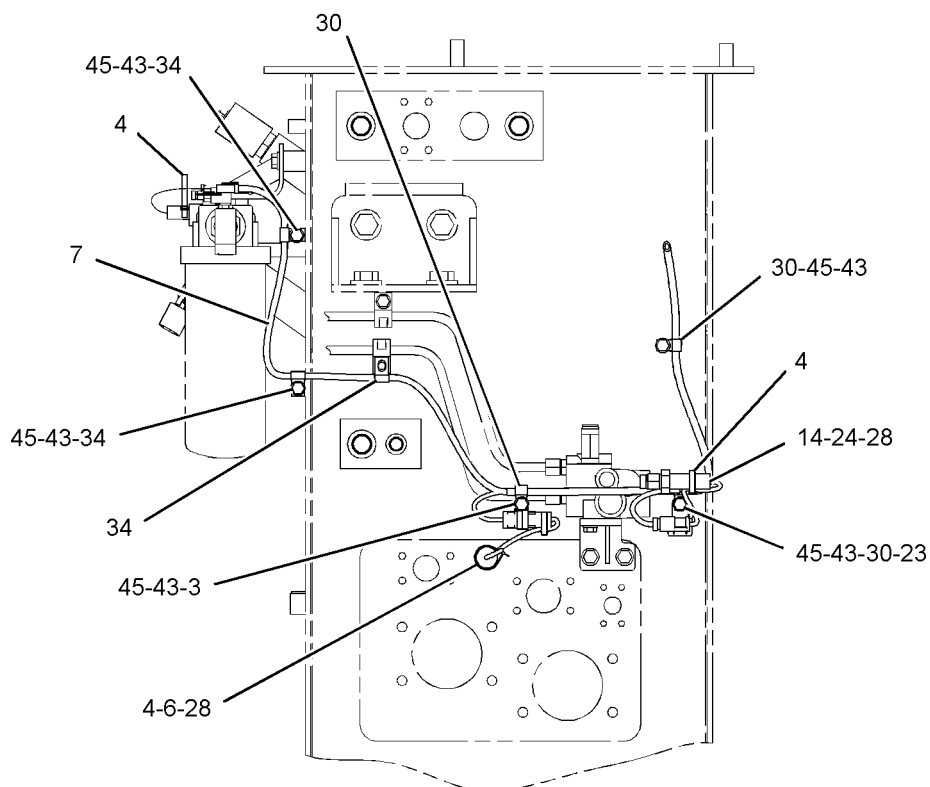
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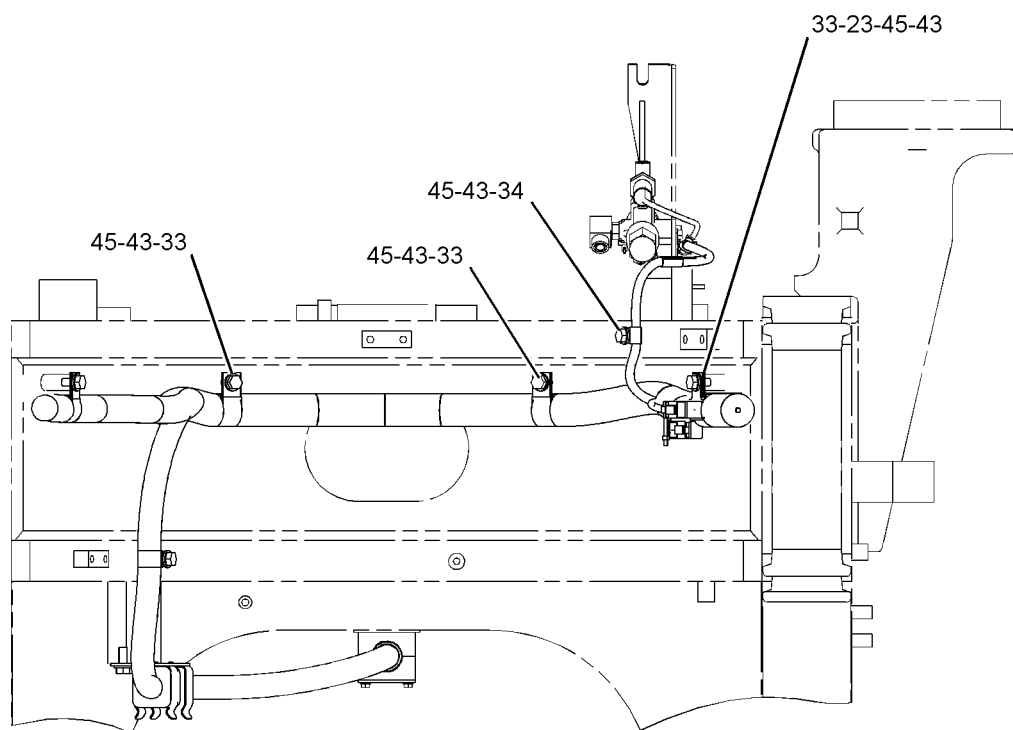
ELECTRICAL AND STARTING SYSTEM

225-6859 WIRING GP-MACHINE (contd.)

i02387631



SECTION G-G



SECTION B-B

GRAPHIC #4

<END>

g01125063

ELECTRICAL AND STARTING SYSTEM

225-6859 WIRING GP-MACHINE

S/N: BXY508-1899

PART OF 225-5452 ELECTRICAL AR

SMCS-1408

i02488825

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3T-9549	1	ADAPTER	
	2	2	6B-6205	2	SPACER (0.438X0.875X1.281-IN THK)	
	3	1	7K-1181	1	STRAP-CABLE	
	4	1,2	9X-3495	2	CLIP AS	
	5	1,2	9X-6772	8	STRAP-CABLE	
	6	2	116-4491	1	BRACKET AS	
M		2	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	7	2	119-7839	1	BRACKET	
Y	8	2	131-0427	1	SENSOR GP-TEMPERATURE (HYDRAULIC OIL)	433
Y	8A	1	131-0427	1	SENSOR GP-TEMPERATURE (REAR AXLE OIL)	433
	9	2	141-8712	1	HARNESS AS-HYDRAULIC TANK	
		2	102-8805	1	KIT-RECEPTACLE (6-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
		2	8T-8731	1	PLUG-CONNECTOR (3-PIN)	
		2	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		2	155-2270	1	KIT-CONNECTING PLUG (2-PIN) (EACH KIT INCLUDES PLUG AS AND WEDGE)	
	10	1	141-8714	1	HARNESS AS-SENSOR (REAR AXLE OIL TEMPERATURE)	
		1	102-8804	1	KIT-RECEPTACLE (4-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
		1	8T-8731	1	PLUG-CONNECTOR (3-PIN)	
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)	
	11	1	146-6734	1	PLATE AS	
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)	
	12	2	153-7095	2	BRACKET AS (EACH INCLUDES)	
M		2	8T-3490	1	NUT-WELD (M10X1.5-THD)	
Y	13	1	164-7577	1	SWITCH GP-BYPASS (POWER TRAIN OIL FILTER)	452
	14	2	175-3244	1	SWITCH AS-PRESSURE (BRAKE ACCUMULATOR CHARGE)	
		2	102-8803	1	KIT-RECEPTACLE (3-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
	15	1	184-4902	1	GUARD AS	
		1	5V-9221	2	SPACER (13.8X25X25-MM THK)	
	16	1	192-7455	1	HARNESS AS-CHASSIS (POW TR FILTER, WINDOW WASHER)	
		1	102-8803	1	KIT-RECEPTACLE (3-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
		1	155-2265	1	KIT-CONNECTING PLUG (8-PIN)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	2	KIT-CONNECTING PLUG (2-PIN) (EACH KIT INCLUDES PLUG AS AND WEDGE)	
	17	2	221-3405	1	SENSOR GP-PRESSURE (VARIABLE DISPLACEMENT PUMP OIL)	
		2	155-2260	1	KIT-CONNECTING PLUG (3-PIN) (INCLUDES PLUG AS AND WEDGE)	
		2	180-9340	3	SOCKET-CONNECTOR (14-GA TO 18-GA)	
	18	1	229-3177	1	PLATE AS	
		1	6V-6716	2	RIVET-TRUSS HEAD	
		1	109-1645	1	CLIP	
	19	1	259-9251	1	HARNESS AS-CHASSIS (MAIN)	
		1	102-8802	2	KIT-RECEPTACLE (2-PIN)	
		1	102-8803	3	KIT-RECEPTACLE (3-PIN)	
		1	102-8804	4	KIT-RECEPTACLE (4-PIN)	
		1	102-8805	2	KIT-RECEPTACLE (6-PIN)	
		1	102-8806	2	KIT-RECEPTACLE (8-PIN)	

ELECTRICAL AND STARTING SYSTEM

225-6859 WIRING GP-MACHINE (contd.)

i02488825

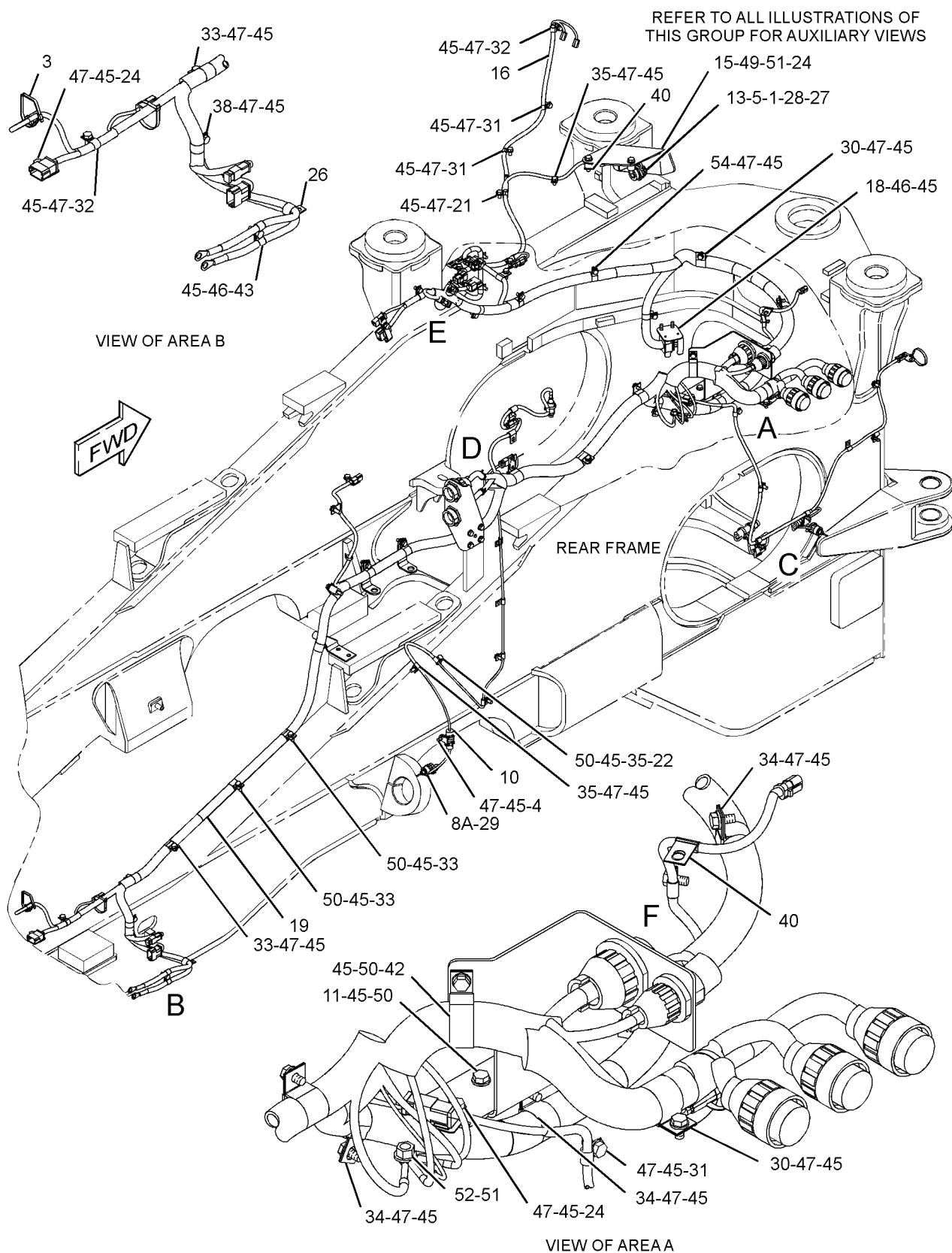
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	102-8801	5	KIT-RECEPTACLE (12-PIN)						
					(EACH KIT INCLUDES RECEPTACLE AS AND WEDGE)						
		1	3T-0204	1	RECEPTACLE AS-CONNECTOR (20-PIN)						
		1	8N-1513	1	RECEPTACLE AS-CONNECTOR (37-PIN)						
		1	8N-1515	1	RECEPTACLE AS-CONNECTOR (24-PIN)						
		1	8N-1517	1	RECEPTACLE AS-CONNECTOR (25-PIN)						
		1	9X-6772	10	STRAP-CABLE						
		1	8N-1521	5	BELL AS-END						
		1	8N-1535	1	BELL AS-END						
		1	110-6845	1	PLUG AS-CONNECTOR (40-PIN)						
		1	3T-3412	1	PLUG AS-CONNECTOR (37-PIN)						
		1	8N-1514	1	PLUG AS-CONNECTOR (37-PIN)						
		1	8N-1518	1	PLUG AS-CONNECTOR (25-PIN)						
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
		1	155-2260	4	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	2	KIT-CONNECTING PLUG (6-PIN)						
					(EACH KIT INCLUDES PLUG AS AND WEDGE)						
C	20	2	273-5632	1	BRACKET AS						
	21	1	033-8248	1	CLIP						
	22	1	091-0081	1	SPACER (10.5X20X10-MM THK)						
	23	2	115-3072	2	CLIP AS-CONNECTOR (8-PIN)						
	24	1,2	130-5300	13	CLIP						
	25	2	148-8313	1	ADAPTER AS						
		2	3K-0360	1	SEAL-O-RING						
		2	5P-6944	1	ADAPTER						
C	26	1	1S-0994	2	CLIP						
	27	1	2S-4078	1	SEAL-O-RING						
	28	1	3D-2824	1	SEAL-O-RING						
	29	1,2	3J-1907	4	SEAL-O-RING						
C	30	1,2	4D-7388	5	CLIP						
	31	1,2	4D-7794	6	CLIP						
	32	1	4K-8864	2	CLIP						
	33	1,2	4S-1962	9	CLIP						
C	34	1,2	5P-7854	4	CLIP						
C	35	1,2	5P-9085	11	CLIP						
	36	2	5P-9299	2	CLIP						
	37	2	6D-3479	1	CLIP						
	38	1	6D-4244	1	CLIP						
	39	2	6D-4246	1	CLIP						
	40	1,2	6V-2383	3	CLIP						
	41	2	6V-3265	1	CLIP						
	42	1	7D-1553	1	CLIP						
C	43	1,2	8M-2770	6	CLIP						
	44	2	8M-2773	1	CLIP						
C	45	1,2	8T-4121	64	WASHER-HARD (11X21X2.5-MM THK)						
M	46	1,2	8T-4136	6	BOLT (M10X1.5X25-MM)						
CM	47	1,2	8T-4137	46	BOLT (M10X1.5X20-MM)						
M	48	2	8T-4139	1	BOLT (M12X1.75X30-MM)						
M	49	1	8T-4194	2	BOLT (M12X1.75X50-MM)						
M	50	1,2	8T-4195	10	BOLT (M10X1.5X30-MM)						
	51	1,2	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)						
M	52	1	8T-4244	1	NUT (M12X1.75-THD)						
M	53	2	8T-6466	2	BOLT (M10X1.5X60-MM)						
	54	1,2	9X-8250	2	CLIP						

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

ELECTRICAL AND STARTING SYSTEM

225-6859 WIRING GP-MACHINE (contd.)

i02488825



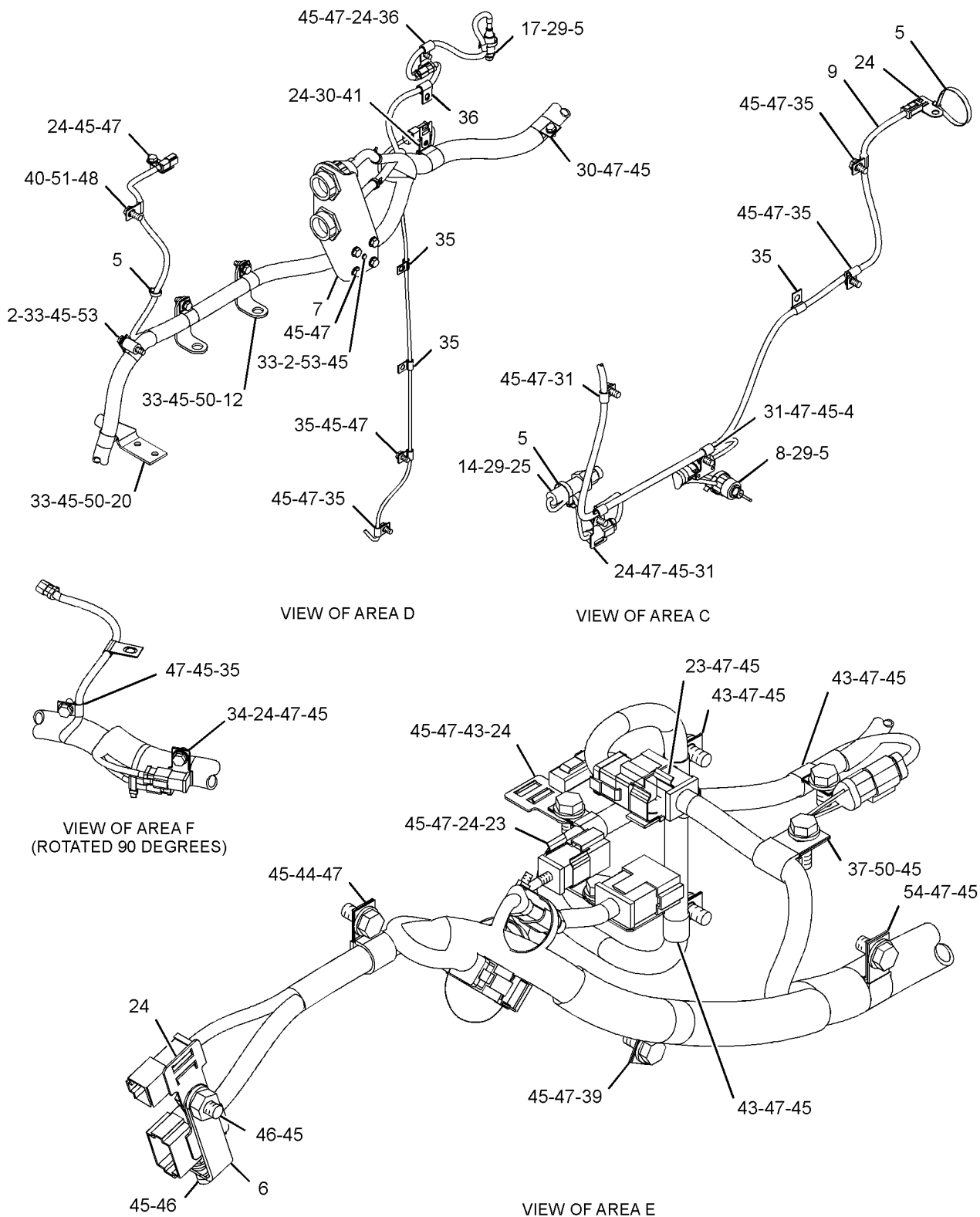
GRAPHIC #1

g01292613

ELECTRICAL AND STARTING SYSTEM

225-6859 WIRING GP-MACHINE (contd.)

i02488825



GRAPHIC #2

<END>

g01292614

ELECTRICAL AND STARTING SYSTEM

284-2998 WIRING GP-MACHINE

S/N: BXY1900-3999

PART OF 284-2987 ELECTRICAL AR

SMCS-1408

i02939603

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	5	3T-9549	1	ADAPTER	
	2	2	4V-1939	4	CLAMP	
	3	2	107-4749	1	PLATE	
	4	4	6B-6205	2	SPACER (0.438X0.875X1.281-IN THK)	
	5	3	7K-1181	1	STRAP-CABLE	
	6	2,3,4,5	9X-6772	7	STRAP-CABLE	
	7	2,3	116-0118	2	CLIP	
	8	5	116-4491	1	BRACKET AS	
M		5	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	9	4	119-7839	1	BRACKET	
	10	5	144-4613	1	ANGLE AS	
	11	2	146-6734	1	PLATE AS	
M		2	8T-3490	2	NUT-WELD (M10X1.5-THD)	
	12	4	153-7095	2	BRACKET AS	
					(EACH INCLUDES)	
M		4	8T-3490	1	NUT-WELD (M10X1.5-THD)	
Y	13	5	164-7577	1	SWITCH GP-BYPASS (POWER TRAIN OIL FILTER)	452
	14	3	175-3244	1	SWITCH AS-PRESSURE (BRAKE ACCUMULATOR OIL)	
		3	102-8803	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
D		3	5P-6008		TUBE-HEAT SHRINK (6.35-MM DIA) (0.2-M)	
D		3	8T-5677		SLEEVE (0.6-M)	
		3	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)	
	15	1	184-4902	1	GUARD AS	
	16	1	192-7455	1	HARNESS AS-CHASSIS	
					(POW TR FILTER, WINDOW WASHER)	
		1	9X-0196	2	TERMINAL AS	
		1	9X-6772	1	STRAP-CABLE	
		1	155-2265	1	KIT-CONNECTING PLUG (8-PIN)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	2	KIT-CONNECTING PLUG (2-PIN)	
					(EACH KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
	17	4	221-3405	1	SENSOR GP-PRESSURE	
					(VARIABLE DISPLACEMENT PUMP OIL)	
		4	180-9340	3	SOCKET-CONNECTOR (14-GA TO 18-GA)	
		4	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
					(INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
	18	4	229-3177	1	PLATE AS	
		4	6V-6716	2	RIVET-TRUSS HEAD	
		4	109-1645	1	CLIP	
	19	4	273-5632	1	BRACKET AS	
	20	1	285-3564	1	HARNESS AS-CHASSIS (MAIN)	
		1	102-8802	3	KIT-RECEPTACLE (2-PIN)	
		1	102-8803	2	KIT-RECEPTACLE (3-PIN)	
		1	102-8804	2	KIT-RECEPTACLE (4-PIN)	
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)	
		1	102-8806	1	KIT-RECEPTACLE (8-PIN)	
		1	102-8801	6	KIT-RECEPTACLE (12-PIN)	
		1	177-9653	1	KIT-RECEPTACLE (4-PIN)	
					(EACH KIT INCLUDES RECEPTACLE AS & WEDGE)	
		1	110-6845	1	PLUG AS-CONNECTOR (40-PIN)	
		1	3T-0204	1	RECEPTACLE AS-CONNECTOR (20-PIN)	
		1	8N-1513	1	RECEPTACLE AS-CONNECTOR (37-PIN)	
		1	8N-1515	1	RECEPTACLE AS-CONNECTOR (24-PIN)	
		1	8N-1517	1	RECEPTACLE AS-CONNECTOR (25-PIN)	

ELECTRICAL AND STARTING SYSTEM

284-2998 WIRING GP-MACHINE (contd.)

i02939603

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	8N-1518	1	PLUG AS-CONNECTOR (25-PIN)						
		1	160-7689	1	PLUG AS-CONNECTOR (70-PIN)						
		1	8N-1521	4	BELL AS-END						
		1	8N-1535	1	BELL AS-END						
		1	9X-6772	7	STRAP-CABLE						
		1	155-2255	2	KIT-CONNECTING PLUG (12-PIN)						
		1	155-2260	3	KIT-CONNECTING PLUG (3-PIN)						
		1	155-2270	2	KIT-CONNECTING PLUG (2-PIN)						
		1	155-2271	1	KIT-CONNECTING PLUG (4-PIN)						
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)						
		1	177-9656	1	KIT-CONNECTING PLUG (4-PIN)						
					(EACH KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
	21	2	286-7273	2	BRACKET AS						
	22	3	286-7276	1	HARNESS AS-SENSOR (HYDRAULIC OIL FILTER BYPASS)						
		3	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		3	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
		3	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
					(EACH KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
		3	230-5008	1	PLUG AS-CONNECTOR (4-PIN)						
Y	23	2	288-8390	1	SENSOR GP-TEMPERATURE (REAR AXLE OIL)						440
Y	23A	3	288-8390	1	SENSOR GP-TEMPERATURE (HYDRAULIC OIL)						440
	24	4	292-3869	1	HARNESS AS-SENSOR (REAR AXLE OIL TEMPERATURE)						
		4	102-8804	1	KIT-RECEPTACLE (4-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		4	230-5008	1	PLUG AS-CONNECTOR (4-PIN)						
	25	1	033-8248	1	CLIP						
	26	2	091-0081	1	SPACER (10.5X20X10-MM THK)						
	27	5	115-3072	2	CLIP AS-CONNECTOR (8-PIN)						
	28	1,2,3,4,5	130-5300	14	CLIP						
	29	1	7D-1553	1	CLIP						
	30	3	148-8313	1	ADAPTER AS						
		3	3K-0360	1	SEAL-O-RING						
		3	5P-6944	1	ADAPTER						
	31	4,5	1S-0994	2	CLIP						
	32	5	2S-4078	1	SEAL-O-RING						
	33	5	3D-2824	1	SEAL-O-RING						
	34	2,3,4	3J-1907	4	SEAL-O-RING						
	35	1,3	4D-7388	2	CLIP						
	36	2,3,5	4D-7794	6	CLIP						
	37	3,5	4K-8864	2	CLIP						
	38	1,4	4S-4455	3	CLIP						
	39	1,2,3	5P-7854	4	CLIP						
	40	1,3,4	5P-9085	9	CLIP						
	41	4	5P-9299	2	CLIP						
	42	5	6D-3479	1	CLIP						
	43	3,4	6D-4244	9	CLIP						
	44	4	6D-4246	1	CLIP						
	45	5	6D-4636	2	CLIP						
	46	5	6V-0826	2	GROMMET						
	47	1,4,5	6V-2383	3	CLIP						
	48	4	6V-3265	1	CLIP						
M	49	2	7X-2534	4	BOLT (M6X1X50-MM)						
	50	1,5	8M-2770	4	CLIP						
	51	4	8M-2773	1	CLIP						

ELECTRICAL AND STARTING SYSTEM

284-2998 WIRING GP-MACHINE (contd.)

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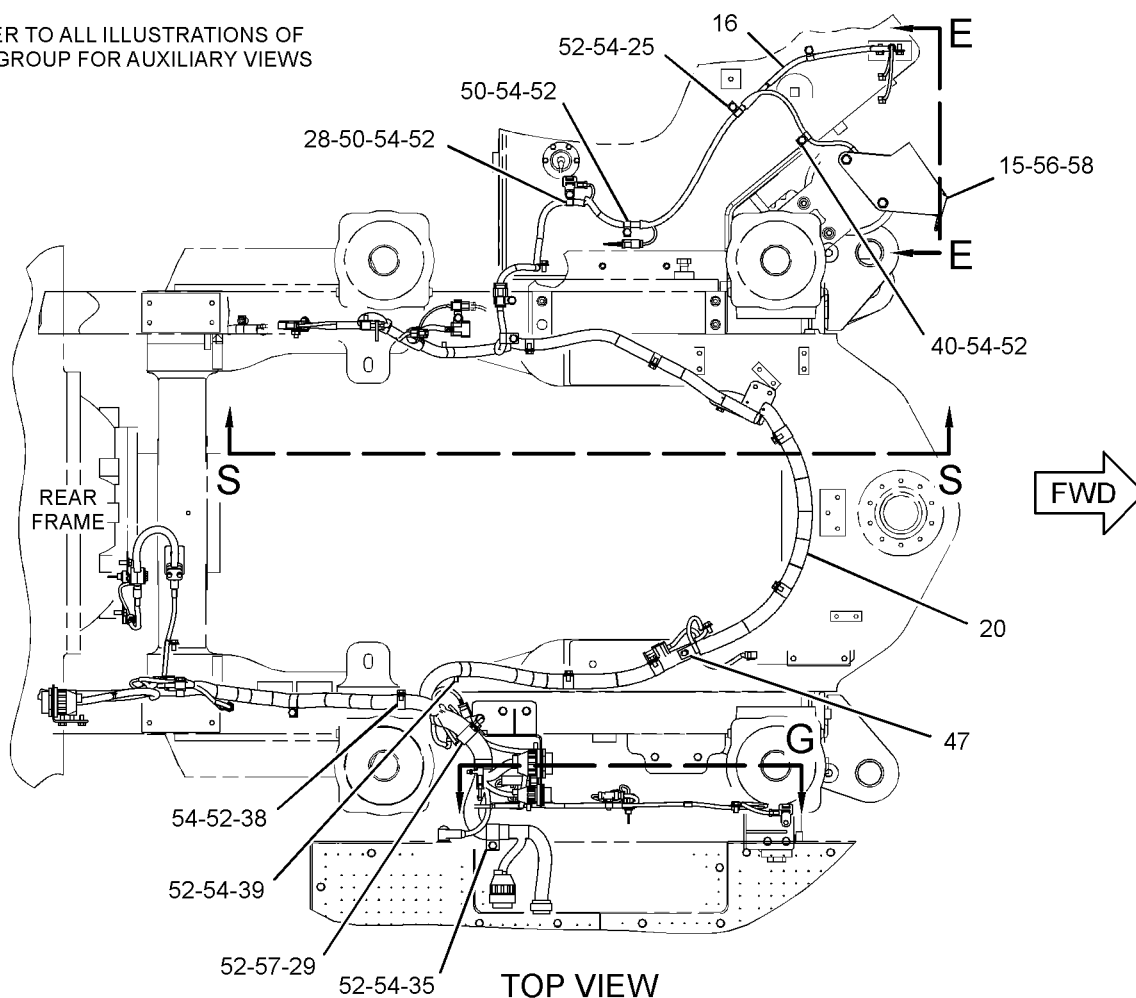
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	52	1,2,3,4,5	8T-4121	66	WASHER-HARD (11X21X2.5-MM THK)						
M	53	2,4,5	8T-4136	9	BOLT (M10X1.5X25-MM)						
M	54	1,2,3,4,5	8T-4137	45	BOLT (M10X1.5X20-MM)						
M	55	4	8T-4139	1	BOLT (M12X1.75X30-MM)						
M	56	1	8T-4194	2	BOLT (M12X1.75X50-MM)						
M	57	1,2,3,4,5	8T-4195	10	BOLT (M10X1.5X30-MM)						
	58	1,2,4	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)						
M	59	2	8T-4244	1	NUT (M12X1.75-THD)						
M	60	4	8T-6466	2	BOLT (M10X1.5X60-MM)						
	61	4	9X-8250	2	CLIP						
	62	2	9X-8256	4	WASHER (6.6X12X2-MM THK)						

D-ORDER BY THE METER

M-METRIC PART

Y-SEPARATE ILLUSTRATION

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



GRAPHIC #1

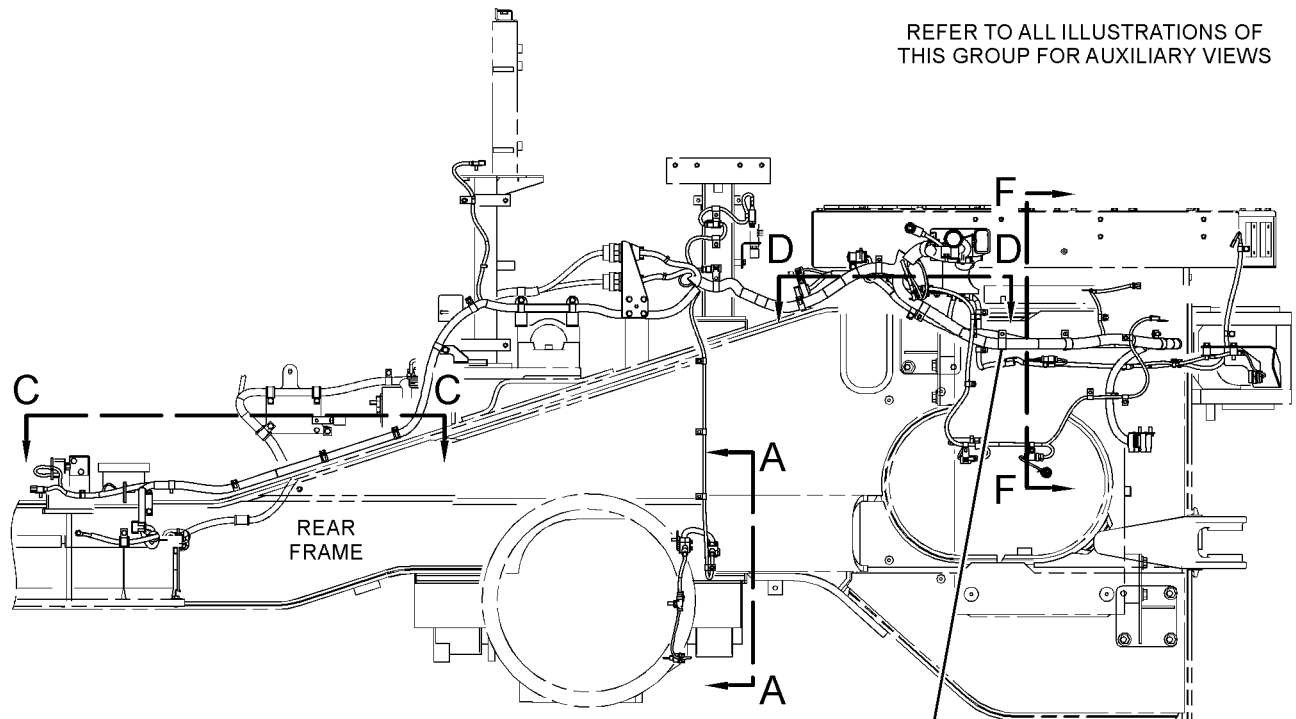
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ELECTRICAL AND STARTING SYSTEM

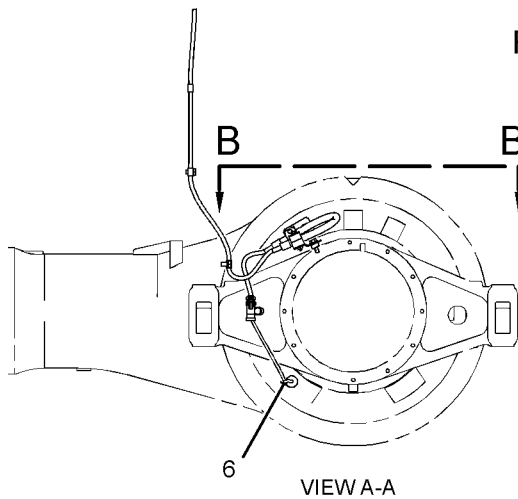
284-2998 WIRING GP-MACHINE (contd.)

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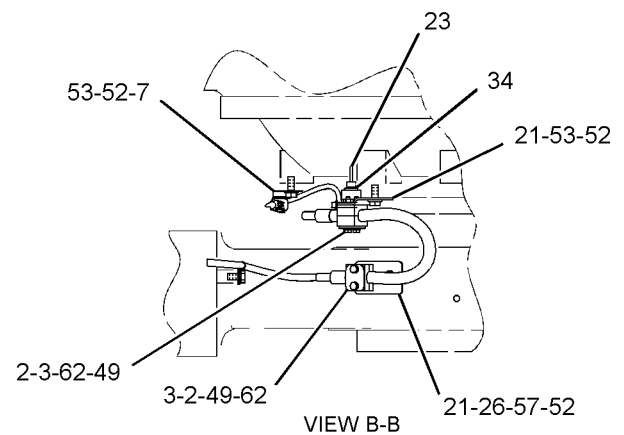
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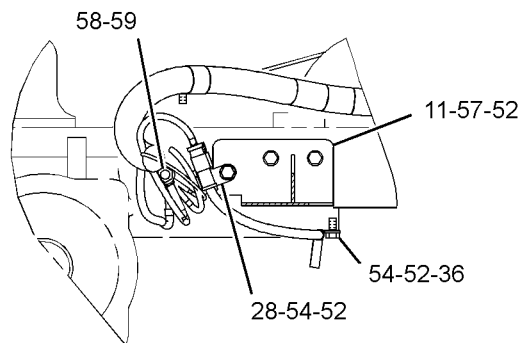
RIGHT SIDE VIEW



VIEW A-A



VIEW B-B



SECTION D-D

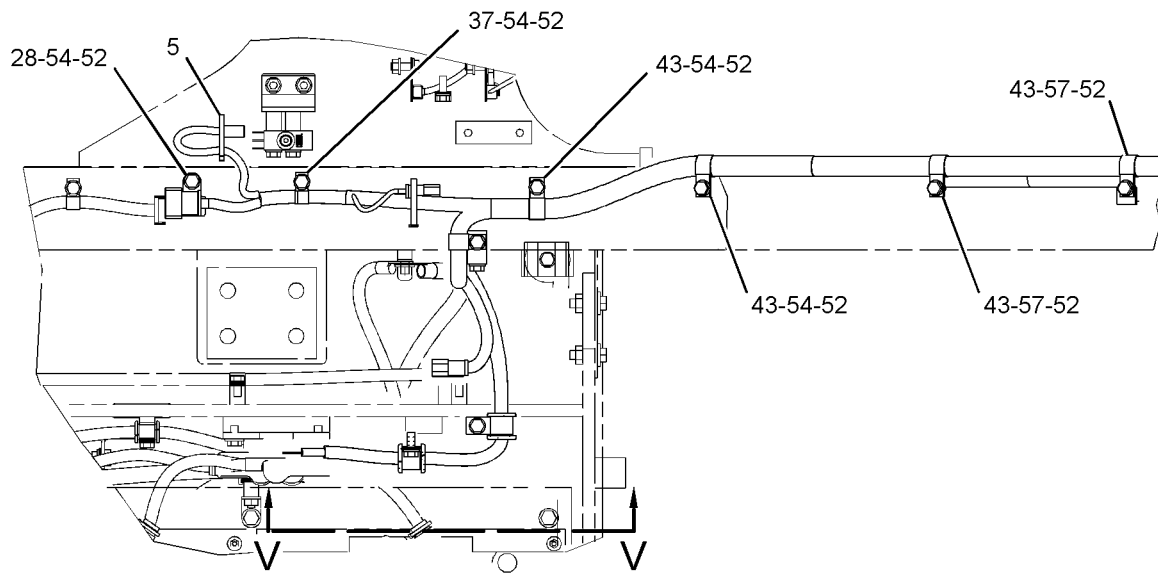
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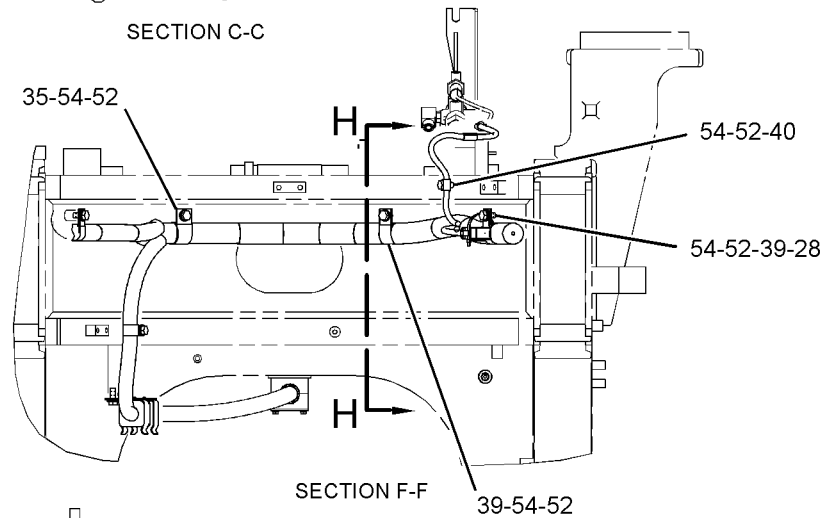
ELECTRICAL AND STARTING SYSTEM

284-2998 WIRING GP-MACHINE (contd.)

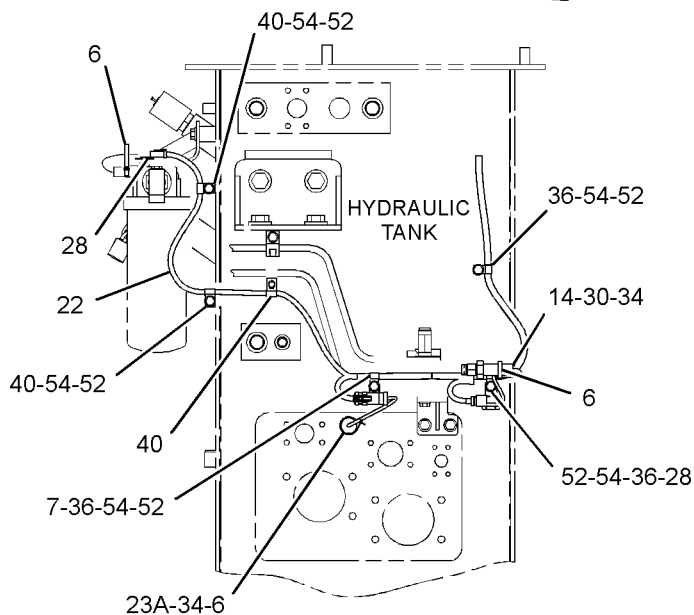
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SECTION C-C



SECTION F-F



SECTION G

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

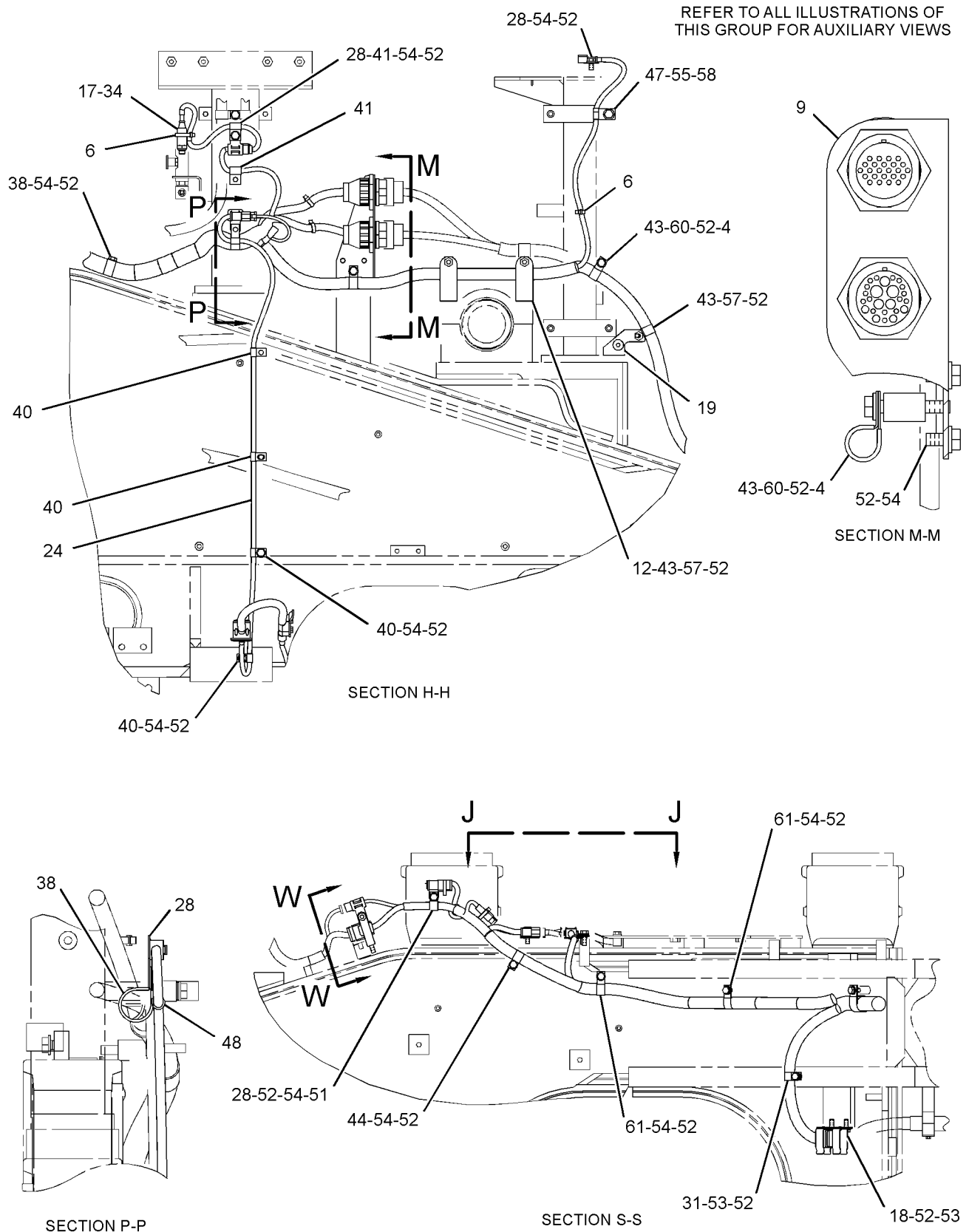
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ELECTRICAL AND STARTING SYSTEM

284 - 2998 WIRING GP-MACHINE (contd.)

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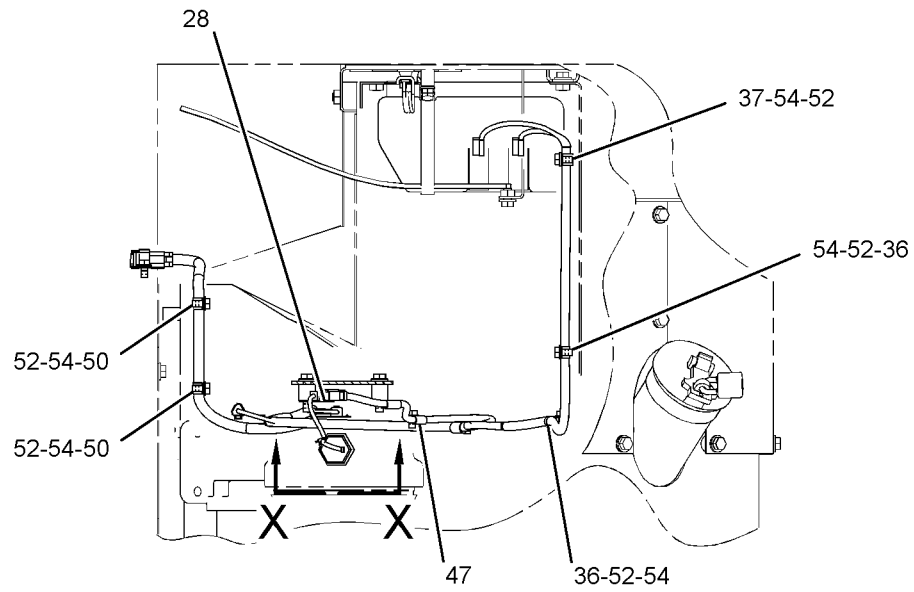
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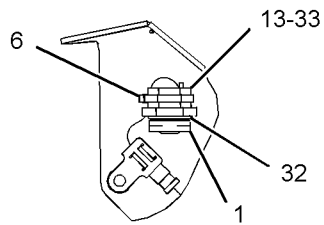
ELECTRICAL AND STARTING SYSTEM

284-2998 WIRING GP-MACHINE (contd.)

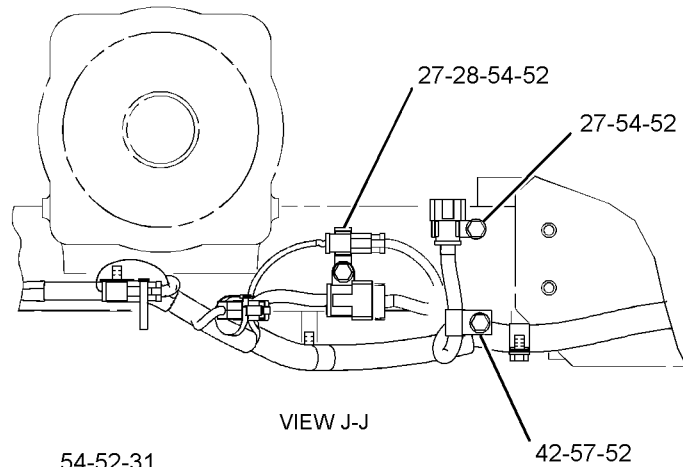
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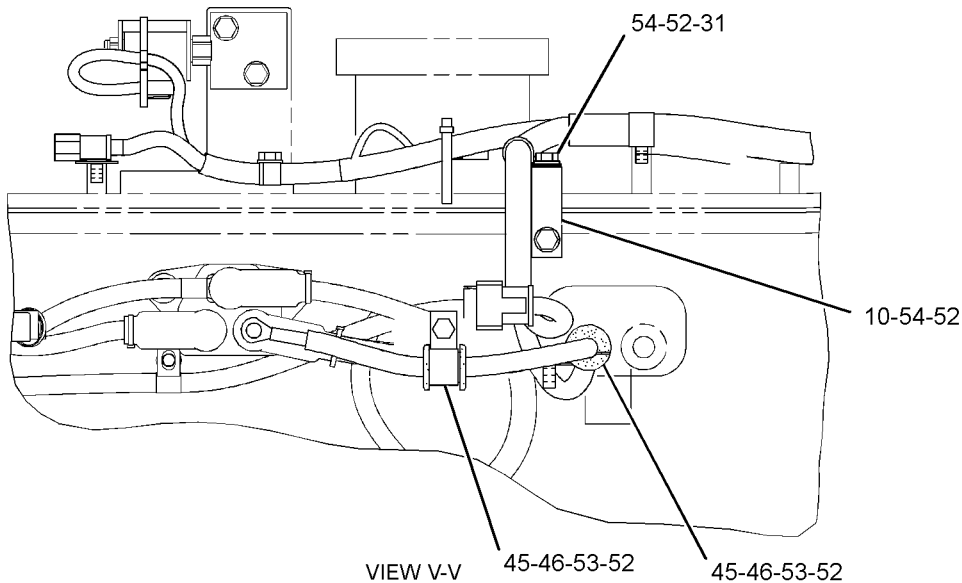
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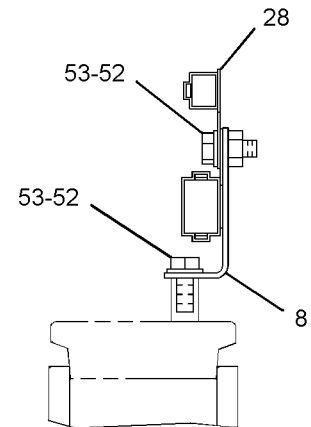
VIEW X-X



VIEW J-J



VIEW V-V



VIEW W-W

GRAPHIC #5

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ELECTRICAL AND STARTING SYSTEM

345-0510 WIRING GP-MACHINE

S/N: BXY4000-UP

PART OF 337-0870 ELECTRICAL AR

SMCS-1408

i03750983

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	4V-1939	4	CLAMP						
	2	2	107-4749	2	PLATE						
	3	1	7K-1181	1	STRAP-CABLE						
	4	1, 2	9X-6772	4	STRAP-CABLE						
	5	2	116-0118	2	CLIP						
	6	2	116-4491	1	BRACKET AS						
M		2	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	7	1	119-7839	1	BRACKET						
	8	2	124-3019	1	BRACKET AS						
M		2	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	9	1	144-4613	1	ANGLE AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	10	2	146-6734	1	PLATE AS						
M		2	8T-3490	2	NUT-WELD (M10X1.5-THD)						
	11	1	153-7095	2	BRACKET AS						
					(EACH INCLUDES)						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	12	2	175-3244	1	SWITCH AS-PRESSURE (BRAKE ACCUMULATOR CHARGE)						
		2	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		2	8T-8729	3	PIN-CONNECTOR (16-GA TO 18-GA)						
D		2	8T-5677		SLEEVE (0.6-M)						
D		2	5P-6008		TUBE-HEAT SHRINK (6.35-MM DIA) (0.2-M)						
		2	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)						
	13	2	192-7455	1	HARNESS AS-CHASSIS (POW TR FILTER, WINDOW WASHER)						
		2	155-2265	1	KIT-CONNECTING PLUG (8-PIN)						
		2	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
		2	155-2270	2	KIT-CONNECTING PLUG (2-PIN)						
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
		2	8T-8737	2	PLUG-SEAL						
E		2	114-8843		SLEEVE-PLASTIC (60-CM)						
E		2	114-8844		SLEEVE-PLASTIC (20-CM)						
		2	8T-8730	13	SOCKET-CONNECTOR (16-GA TO 18-GA)						
		2	9X-6772	1	STRAP-CABLE						
E		2	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (5-CM)						
E		2	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (5-CM)						
		2	9X-0196	2	TERMINAL AS						
		2	155-2259	1	WEDGE-PLUG LOCK (8-PIN)						
	14	2	229-3177	1	PLATE AS						
		2	6V-6716	2	RIVET-TRUSS HEAD						
		2	109-1645	1	CLIP						
	15	1	273-5632	1	BRACKET AS						
	16	2	286-7273	2	BRACKET AS						
	17	2	286-7276	1	HARNESS AS-SENSOR (HYDRAULIC OIL FILTER BYPASS)						
		2	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
		2	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
		2	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		2	8T-8729	1	PIN-CONNECTOR (16-GA TO 18-GA)						
		2	9X-3401	4	PIN-CONNECTOR (16-GA TO 18-GA)						
		2	8T-8737	3	PLUG-SEAL						
		2	230-5008	1	PLUG AS-CONNECTOR (4-PIN)						

ELECTRICAL AND STARTING SYSTEM

345-0510 WIRING GP-MACHINE (contd.)

i03750983

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	264-7031	1	SEAL-CONNECTOR						
E		2	114-8843		SLEEVE-PLASTIC (80-CM)						
		2	8T-8730	2	SOCKET-CONNECTOR (16-GA TO 18-GA)						
		2	9X-3402	5	SOCKET-CONNECTOR (16-GA TO 18-GA)						
E		2	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (5-CM)						
		2	3E-3383	1	WEDGE-RECEPTACLE LOCK (6-PIN)						
Y	18	2	288-8390	1	SENSOR GP-TEMPERATURE (HYDRAULIC OIL)						440
Y	18A	2	288-8390	1	SENSOR GP-TEMPERATURE (REAR AXLE OIL)						440
	19	2	292-3869	1	HARNESS AS-SENSOR (REAR AXLE OIL TEMPERATURE)						
G		2	9X-2383		HOSE (16.5-IN)						
		2	102-8804	1	KIT-RECEPTACLE (4-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		2	8T-8729	3	PIN-CONNECTOR (16-GA TO 18-GA)						
		2	8T-8737	2	PLUG-SEAL						
		2	230-5008	1	PLUG AS-CONNECTOR (4-PIN)						
		2	264-7031	1	SEAL-CONNECTOR						
E		2	114-8843		SLEEVE-PLASTIC (40-CM)						
		2	8T-8730	3	SOCKET-CONNECTOR (16-GA TO 18-GA)						
D		2	6V-2722		TUBE-HEAT SHRINK (10-M)						
		2	3E-3377	1	WEDGE-RECEPTACLE LOCK (4-PIN)						
	20	2	345-0509	1	HARNESS AS-CHASSIS						
		2	8N-1521	4	BELL AS-END						
		2	8N-1535	1	BELL AS-END						
		2	274-3781	1	CAP-SEAL						
		2	115-3519	3	CONNECTOR-PIN						
		2	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
		2	155-2270	2	KIT-CONNECTING PLUG (2-PIN)						
		2	155-2271	1	KIT-CONNECTING PLUG (4-PIN)						
		2	155-2274	1	KIT-CONNECTING PLUG (6-PIN)						
		2	155-2260	2	KIT-CONNECTING PLUG (3-PIN)						
		2	177-9656	1	KIT-CONNECTING PLUG (4-PIN)						
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
		2	102-8802	3	KIT-RECEPTACLE (2-PIN)						
		2	102-8803	1	KIT-RECEPTACLE (3-PIN)						
		2	102-8804	12	KIT-RECEPTACLE (4-PIN)						
		2	102-8805	1	KIT-RECEPTACLE (6-PIN)						
		2	102-8806	1	KIT-RECEPTACLE (8-PIN)						
		2	102-8801	5	KIT-RECEPTACLE (12-PIN)						
		2	177-9653	1	KIT-RECEPTACLE (4-PIN)						
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)						
		2	8N-1540	3	PIN-CONNECTOR (12-GA TO 14-GA)						
		2	8N-1542	2	PIN-CONNECTOR (10-GA)						
		2	8N-1544	1	PIN-CONNECTOR (8-GA)						
		2	9X-3401	58	PIN-CONNECTOR (16-GA TO 18-GA)						
		2	9X-6856	52	PIN-CONNECTOR (16-GA TO 18-GA)						
		2	126-1767	1	PIN-CONNECTOR (14-GA)						
		2	7G-7917	38	PLUG-SEAL						
		2	7G-7918	3	PLUG-SEAL						
		2	7G-7920	4	PLUG-SEAL						
		2	8T-8737	50	PLUG-SEAL						
		2	8N-1518	1	PLUG AS-CONNECTOR (25-PIN)						
		2	160-7689	1	PLUG AS-CONNECTOR (70-PIN)						
		2	159-9322	1	SEAL-O-RING						
		2	237-0227	1	PLUG AS-CONNECTOR (3-PIN)						
		2	264-7030	1	SEAL-CONNECTOR						
		2	110-6845	1	PLUG AS-CONNECTOR (40-PIN)						
		2	110-6844	1	SEAL						
		2	3T-0204	1	RECEPTACLE AS-CONNECTOR (20-PIN)						

ELECTRICAL AND STARTING SYSTEM

345-0510 WIRING GP-MACHINE (contd.)

i03750983

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	8N-1536	1	NUT (1-5/8-18-THD)						
		2	8N-1513	1	RECEPTACLE AS-CONNECTOR (37-PIN)						
		2	8N-1522	1	NUT (2-1/4-16-THD)						
		2	8N-1515	1	RECEPTACLE AS-CONNECTOR (24-PIN)						
		2	8N-1522	1	NUT (2-1/4-16-THD)						
		2	8N-1517	1	RECEPTACLE AS-CONNECTOR (25-PIN)						
		2	8N-1522	1	NUT (2-1/4-16-THD)						
E		2	114-8843		SLEEVE-PLASTIC (380-CM)						
E		2	114-8844		SLEEVE-PLASTIC (20-CM)						
E		2	114-8845		SLEEVE-PLASTIC (120-CM)						
		2	8N-1541	3	SOCKET-CONNECTOR (12-GA TO 14-GA)						
		2	8N-1543	2	SOCKET-CONNECTOR (10-GA)						
		2	8N-1545	1	SOCKET-CONNECTOR (8-GA)						
		2	9X-3402	129	SOCKET-CONNECTOR (16-GA TO 18-GA)						
		2	9X-6857	22	SOCKET-CONNECTOR (16-GA TO 18-GA)						
		2	126-1768	3	SOCKET-CONNECTOR (14-GA)						
		2	9X-6772	10	STRAP-CABLE						
		2	7T-9346	2	TERMINAL AS						
					(EACH INCLUDES)						
		2	3L-6513	1	TERMINAL-RING (1-GA TO 2-GA, 1/2-IN SCREW)						
E		2	6V-9023		TUBE-HEAT SHRINK (12.7-MM DIA) (3-CM)						
		2	128-4188	1	TERMINAL AS-RING (14-GA TO 16-GA)						
		2	2L-8081	1	TERMINAL-RING (14-GA TO 16-GA, 1/2-IN SCREW)						
D		2	6V-2689		TUBE-HEAT SHRINK (6.35-MM DIA) (0.1-M)						
		2	131-1492	1	TERMINAL AS-RING						
		2	2L-8054	1	TERMINAL-RING (6-GA, 1/2-IN SCREW)						
					-OR-						
		2	2L-8061	1	TERMINAL-RING (8-GA, 1/2-IN SCREW)						
E		2	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (4-CM)						
		2	131-1500	2	TERMINAL AS-RING						
					(EACH INCLUDES)						
		2	2L-8071	1	TERMINAL-RING (10-GA TO 12-GA, 1/2-IN SCREW)						
E		2	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (4-CM)						
E		2	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (13-CM)						
E		2	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (30-CM)						
E		2	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (40-CM)						
		2	155-2258	1	WEDGE-PLUG LOCK (12-PIN)						
		2	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)						
		2	3E-3377	1	WEDGE-RECEPTACLE LOCK (4-PIN)						
		2	3E-3383	1	WEDGE-RECEPTACLE LOCK (6-PIN)						
		2	3E-3389	1	WEDGE-RECEPTACLE LOCK (8-PIN)						
	21	2	349-1178	1	SENSOR GP-PRESSURE						
	22	2	033-8248	1	CLIP						
	23	2	091-0081	1	SPACER (10.5X20X10-MM THK)						
	24	2	115-3072	2	CLIP AS-CONNECTOR (8-PIN)						
	25	1, 2	130-5300	11	CLIP						
	26	2	148-8313	1	ADAPTER AS						
		2	3K-0360	1	SEAL-O-RING						
		2	5P-6944	1	ADAPTER						
	27	1	1S-0994	1	CLIP						
	28	2	3J-1907	4	SEAL-O-RING						
	29	2	4D-7388	2	CLIP						
	30	2	4D-7794	6	CLIP						
	31	1, 2	4K-8864	2	CLIP						
	32	2	4S-4455	3	CLIP						
	33	2	5P-7854	4	CLIP						
	34	2	5P-9085	12	CLIP						

ELECTRICAL AND STARTING SYSTEM

345-0510 WIRING GP-MACHINE (contd.)

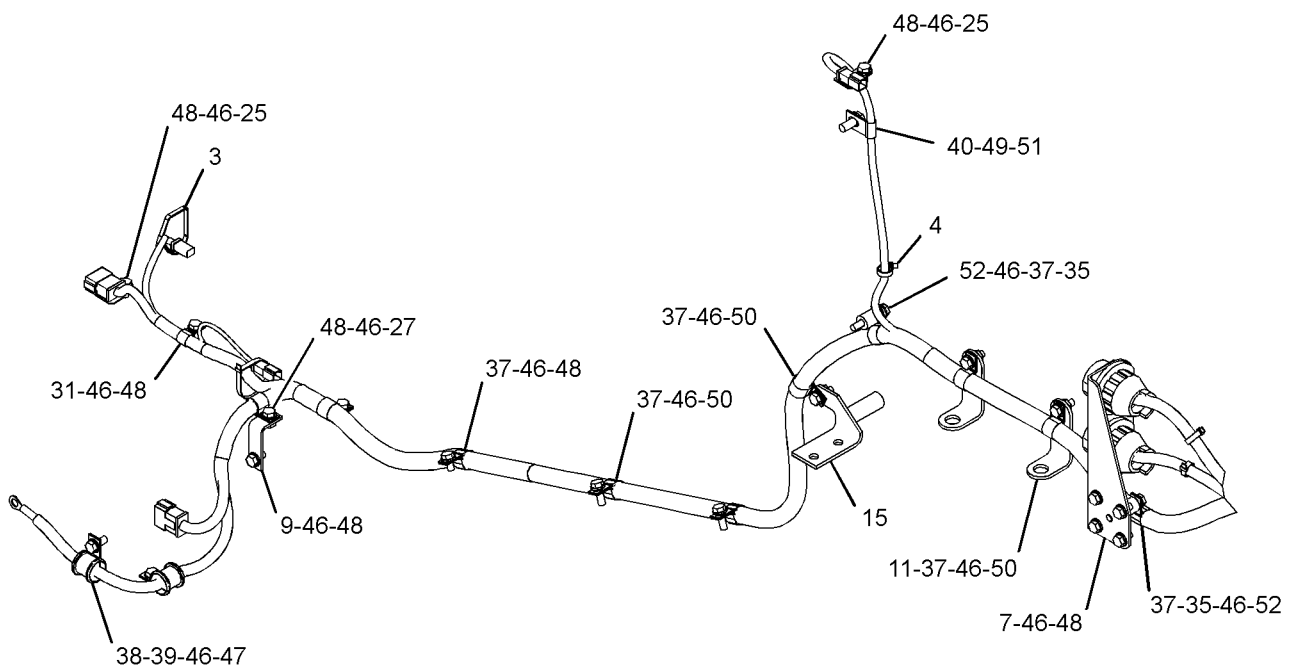
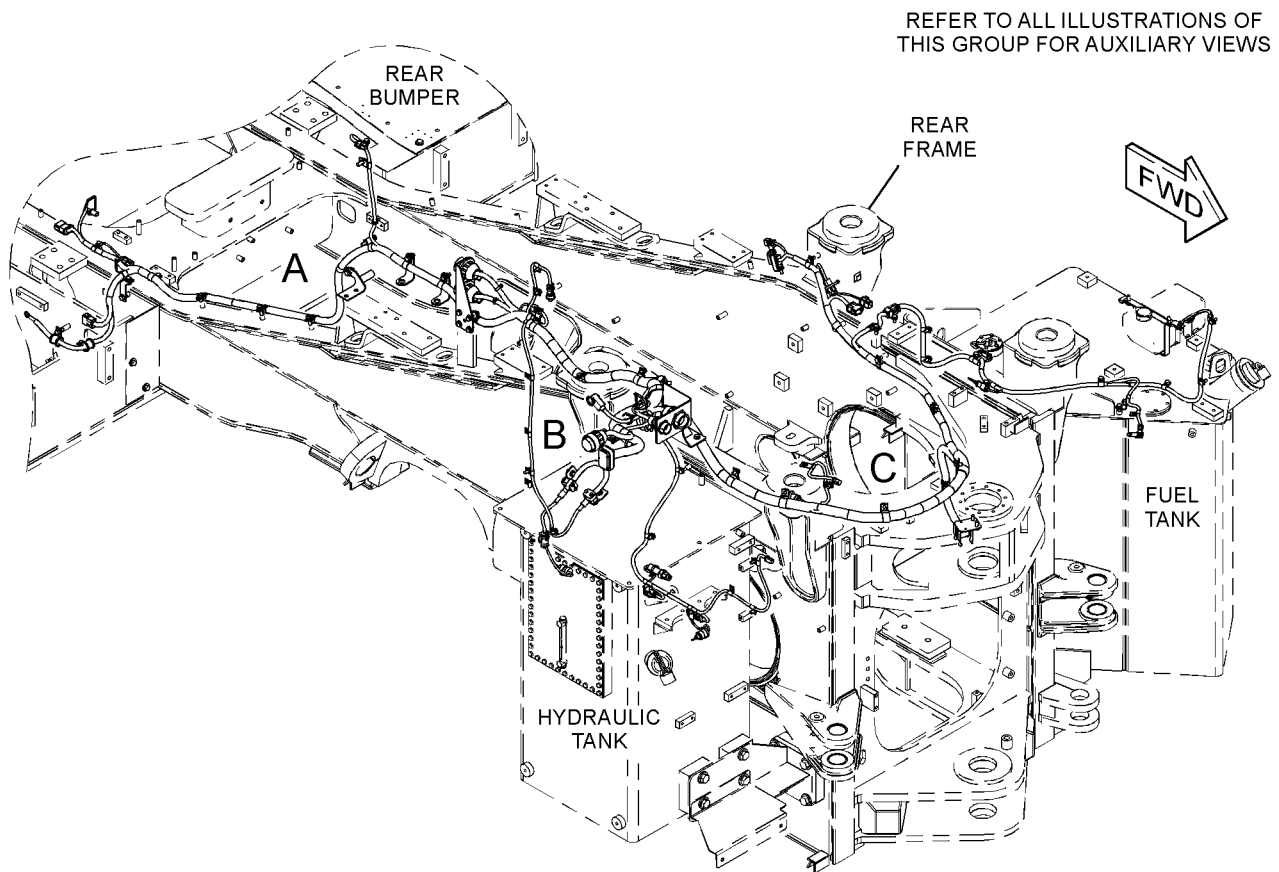
i03750983

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	35	1	6B-6205	2	SPACER (0.438X0.875X1.281-IN THK)	
	36	2	6D-3479	1	CLIP	
	37	1, 2	6D-4244	10	CLIP	
	38	1	6D-4636	2	CLIP	
	39	1	6V-0826	2	GROMMET	
	40	1, 2	6V-2383	2	CLIP	
	41	2	6V-3265	1	CLIP	
	42	2	7D-1553	1	CLIP	
M	43	2	7X-2534	4	BOLT (M6X1X50-MM)	
	44	2	8M-2770	4	CLIP	
	45	2	8M-2773	1	CLIP	
	46	1, 2	8T-4121	68	WASHER-HARD (11X21X2.5-MM THK)	
M	47	1, 2	8T-4136	9	BOLT (M10X1.5X25-MM)	
M	48	1, 2	8T-4137	47	BOLT (M10X1.5X20-MM)	
M	49	1	8T-4139	1	BOLT (M12X1.75X30-MM)	
M	50	1, 2	8T-4195	10	BOLT (M10X1.5X30-MM)	
	51	1	8T-4223	1	WASHER-HARD (13.5X25.5X3-MM THK)	
M	52	1	8T-6466	2	BOLT (M10X1.5X60-MM)	
	53	2	9X-8250	3	CLIP	
	54	2	9X-8256	4	WASHER (6.6X12X2-MM THK)	
D-ORDER BY THE METER E-ORDER BY THE CENTIMETER G-ORDER BY THE INCH M-METRIC PART Y-SEPARATE ILLUSTRATION						

ELECTRICAL AND STARTING SYSTEM

345-0510 WIRING GP-MACHINE (contd.)

i03750983



VIEW OF AREA A

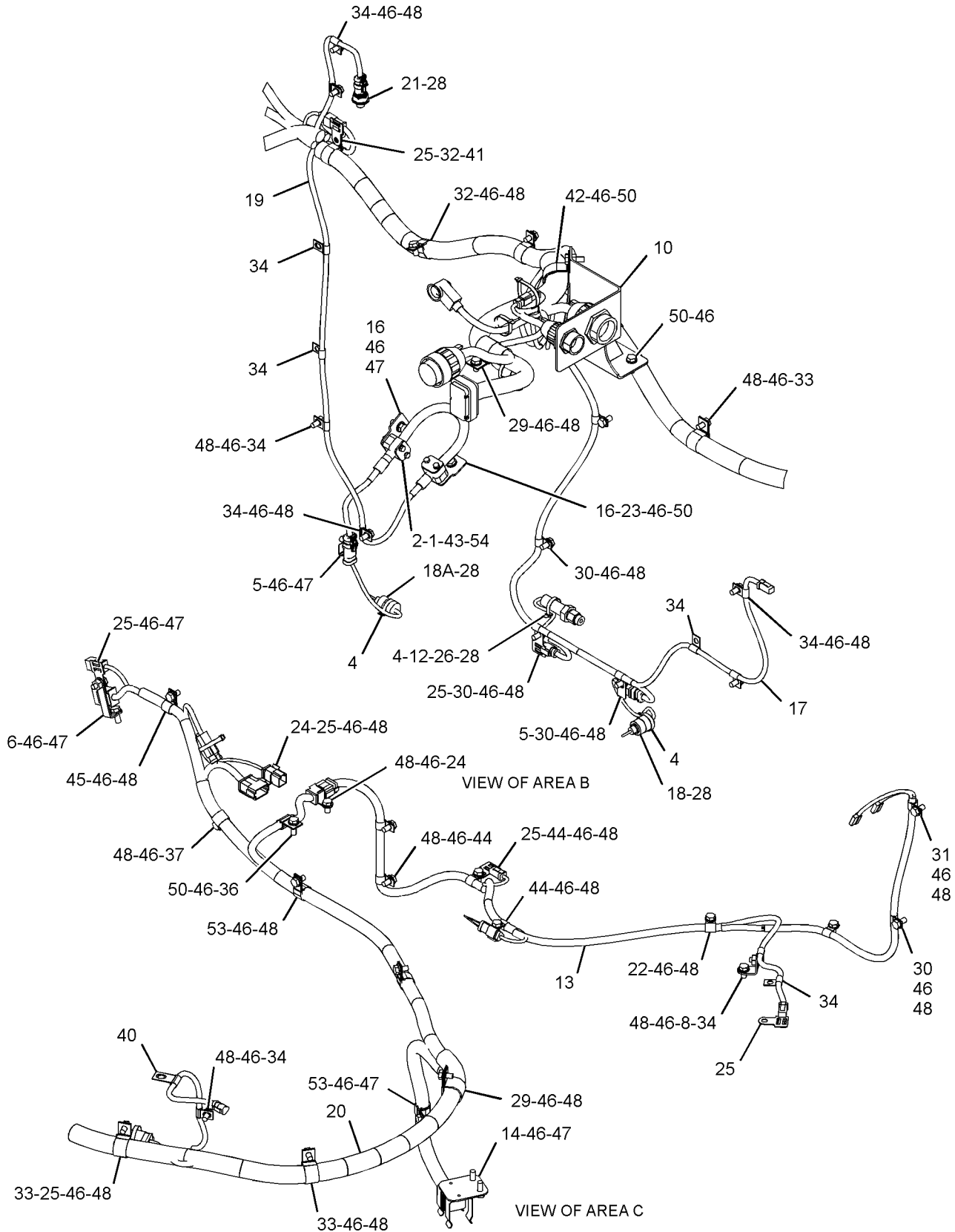
GRAPHIC #1

g02044073

ELECTRICAL AND STARTING SYSTEM

345-0510 WIRING GP-MACHINE (contd.)

i03750983



GRAPHIC #2

<END>

g02044074

ELECTRICAL AND STARTING SYSTEM

227-5373 WIRING GP-POWER TRAIN

S/N: BXY1-808

PART OF 225-5452 ELECTRICAL AR

SMCS-1408, 1634

i02742110

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2T-3019	3	CLIP						
	2	1	6D-7889	1	SEAL-O-RING						
	3	1	6V-0852	1	CAP-DUST						
	4	1	8C-7528	1	CLIP						
	5	1	9X-3495	1	CLIP AS						
	6	1	9X-6772	5	STRAP-CABLE						
Y	7	1	100-4311	1	SENSOR GP-PRESSURE (TC IMPELLER CLUTCH OIL)						419
	8	1	118-6878	1	BRACKET AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
Y	9	1	134-2252	1	SENSOR GP-TEMPERATURE (TORQUE CONVERTER OIL)						434
	10	1	144-0178	1	SENSOR GP-SPEED (TORQUE CONVERTER OUTPUT)						
	11	1	149-8379	1	SPACER (18.85X26.67X32-MM THK)						
	12	1	173-7223	1	ADAPTER AS						
		1	3J-1907	1	SEAL-O-RING						
		1	3J-7354	1	SEAL-O-RING						
		1	9X-0261	1	ADAPTER						
Y	13	1	217-2708	1	VALVE GP-MODULATING (24-VOLT) (TC IMPELLER CLUTCH)						879
	14	1	259-7155	1	HARNESS AS-TRANSMISSION (TORQUE CONVERTER)						
		1	8T-8667	1	CONNECTOR AS						
		1	155-2271	1	KIT-CONNECTING PLUG (4-PIN)						
		1	155-2270	3	KIT-CONNECTING PLUG (2-PIN)						
		1	155-2260	2	KIT-CONNECTING PLUG (3-PIN)						
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
					(EACH PLUG KIT INCLUDES PLUG AS AND WEDGE)						
		1	102-8802	3	KIT-RECEPTACLE (2-PIN)						
					(KIT INCLUDES RECEPTACLE AS AND WEDGE)						
		1	9X-6772	2	STRAP-CABLE						
	15	1	130-5300	2	CLIP						
	16	1	174-5907	2	CLIP						
	17	1	3J-1907	1	SEAL-O-RING						
	18	1	3K-0360	1	SEAL-O-RING						
	19	1	4P-7581	1	CLIP						
	20	1	4S-4455	1	CLIP						
	21	1	5K-3294	1	CLIP						
	22	1	6V-3265	1	CLIP						
	23	1	8M-2773	1	CLIP						
	24	1	8M-6146	1	TUBE						
M	25	1	8T-3647	1	BOLT (M8X1.25X80-MM)						
	26	1	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)						
M	27	1	8T-4133	1	NUT (M10X1.5-THD)						
M	28	1	8T-4136	3	BOLT (M10X1.5X25-MM)						
M	29	1	8T-4137	2	BOLT (M10X1.5X20-MM)						
M	30	1	8T-4193	1	BOLT (M16X2X50-MM)						
M	31	1	8T-4200	1	BOLT (M8X1.25X16-MM)						
	32	1	8T-4224	3	WASHER-HARD (8.8X16X2-MM THK)						
M	33	1	8T-6869	2	BOLT (M8X1.25X60-MM)						
	34	1	9M-8406	2	CLIP						
	35	1	9X-8257	1	WASHER (17.5X30X3.5-MM THK)						

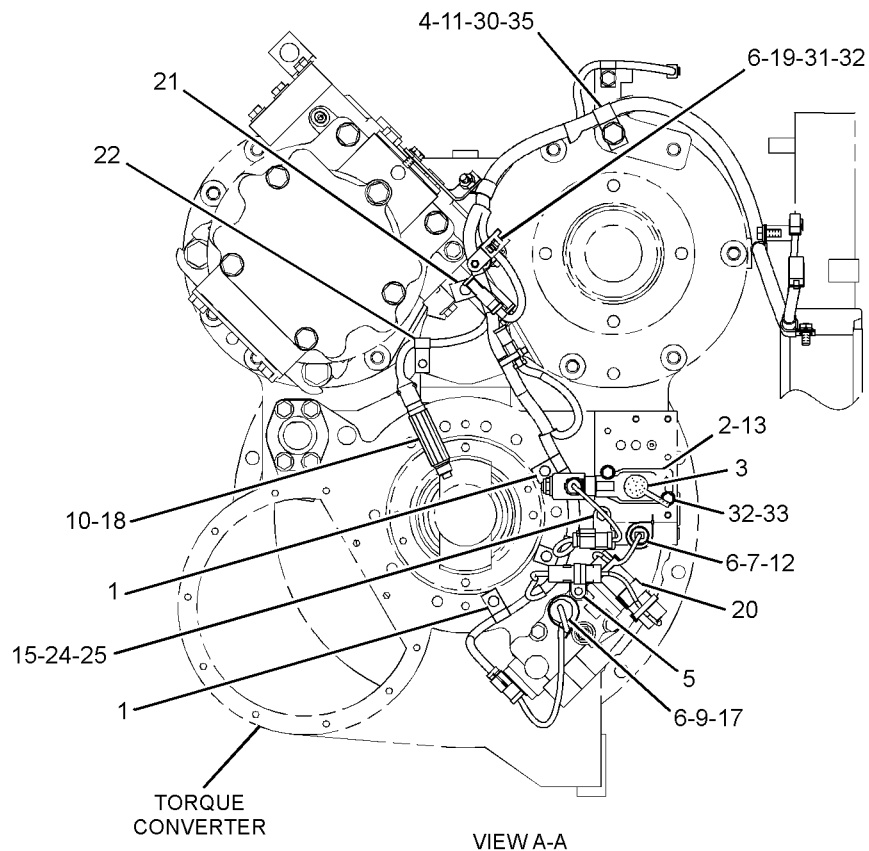
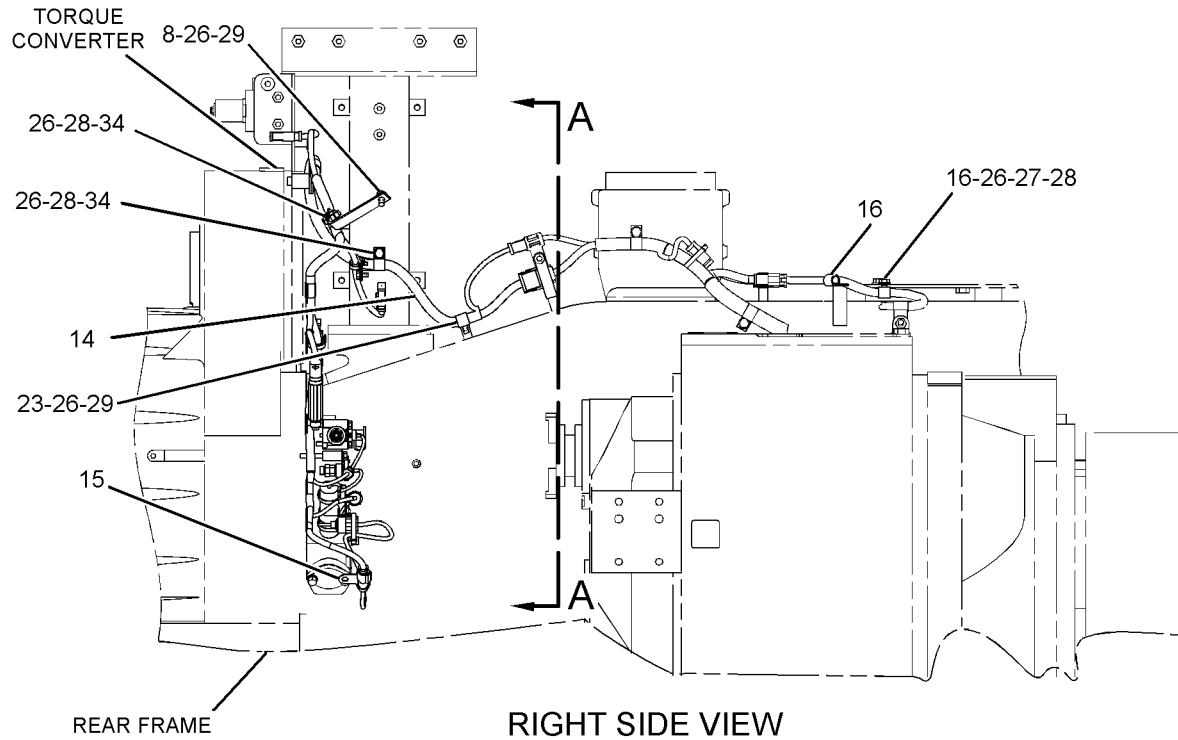
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

227-5373 WIRING GP-POWER TRAIN (contd.)

i02742110



GRAPHIC #1

<END>

g01271877

ELECTRICAL AND STARTING SYSTEM

227-5373 WIRING GP-POWER TRAIN

S/N: BXY809-1899

PART OF 225-5452 ELECTRICAL AR

SMCS-1408, 1634

i02742111

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	2T-3019	3	CLIP	
	2	2	6D-7889	1	SEAL-O-RING	
	3	2	6V-0852	1	CAP-DUST	
	4	2	8C-7528	1	CLIP	
	5	2	9X-3495	1	CLIP AS	
C	6	2,3	9X-6772	6	STRAP-CABLE	
Y	7	2	100-4311	1	SENSOR GP-PRESSURE (TC IMPELLER CLUTCH OIL)	419
	8	3	118-6878	1	BRACKET AS	
M		3	8T-3490	1	NUT-WELD (M10X1.5-THD)	
Y	9	2	134-2252	1	SENSOR GP-TEMPERATURE (TORQUE CONVERTER OIL)	434
	10	2	149-8379	1	SPACER (18.85X26.67X32-MM THK)	
	11	2	173-7223	1	ADAPTER AS	
		2	3J-1907	1	SEAL-O-RING	
		2	3J-7354	1	SEAL-O-RING	
		2	9X-0261	1	ADAPTER	
Y	12	2	217-2708	1	VALVE GP-MODULATING (24-VOLT) (TC IMPELLER CLUTCH)	879
C	13	3	266-8577	1	SENSOR GP-SPEED (TORQUE CONVERTER OUTPUT)	
		3	102-8803	1	KIT-RECEPTACLE (3-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
		3	180-9339		PIN-CONNECTOR (14-GA TO 18-GA)	
C	14	1	284-2409	1	HARNESS AS-TRANSMISSION (TORQUE CONVERTER)	
		1	155-2271	2	KIT-CONNECTING PLUG (4-PIN)	
		1	155-2270	6	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2260	6	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN) (EACH PLUG KIT INCLUDES PLUG AS & WEDGE)	
		1	102-8802	3	KIT-RECEPTACLE (2-PIN) (KIT INCLUDES RECEPTACLE AS & WEDGE)	
		1	9X-6772	2	STRAP-CABLE	
C	15	2,3	130-5300	3	CLIP	
	16	1	174-5907	2	CLIP	
	17	2	3J-1907	1	SEAL-O-RING	
	18	3	3K-0360	1	SEAL-O-RING	
	19	3	4P-7581	1	CLIP	
	20	2	4S-4455	1	CLIP	
	21	3	5K-3294	1	CLIP	
	22	1	8M-2773	1	CLIP	
	23	2	8M-6146	1	TUBE	
M	24	2	8T-3647	1	BOLT (M8X1.25X80-MM)	
	25	1,3	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)	
M	26	1	8T-4133	1	NUT (M10X1.5-THD)	
M	27	1,3	8T-4136	3	BOLT (M10X1.5X25-MM)	
M	28	1,3	8T-4137	2	BOLT (M10X1.5X20-MM)	
M	29	2	8T-4193	1	BOLT (M16X2X50-MM)	
M	30	3	8T-4200	1	BOLT (M8X1.25X16-MM)	
	31	2,3	8T-4224	3	WASHER-HARD (8.8X16X2-MM THK)	
M	32	2	8T-6869	2	BOLT (M8X1.25X60-MM)	
	33	1,3	9M-8406	2	CLIP	
	34	2	9X-8257	1	WASHER (17.5X30X3.5-MM THK)	

C-CHANGE FROM PREVIOUS TYPE

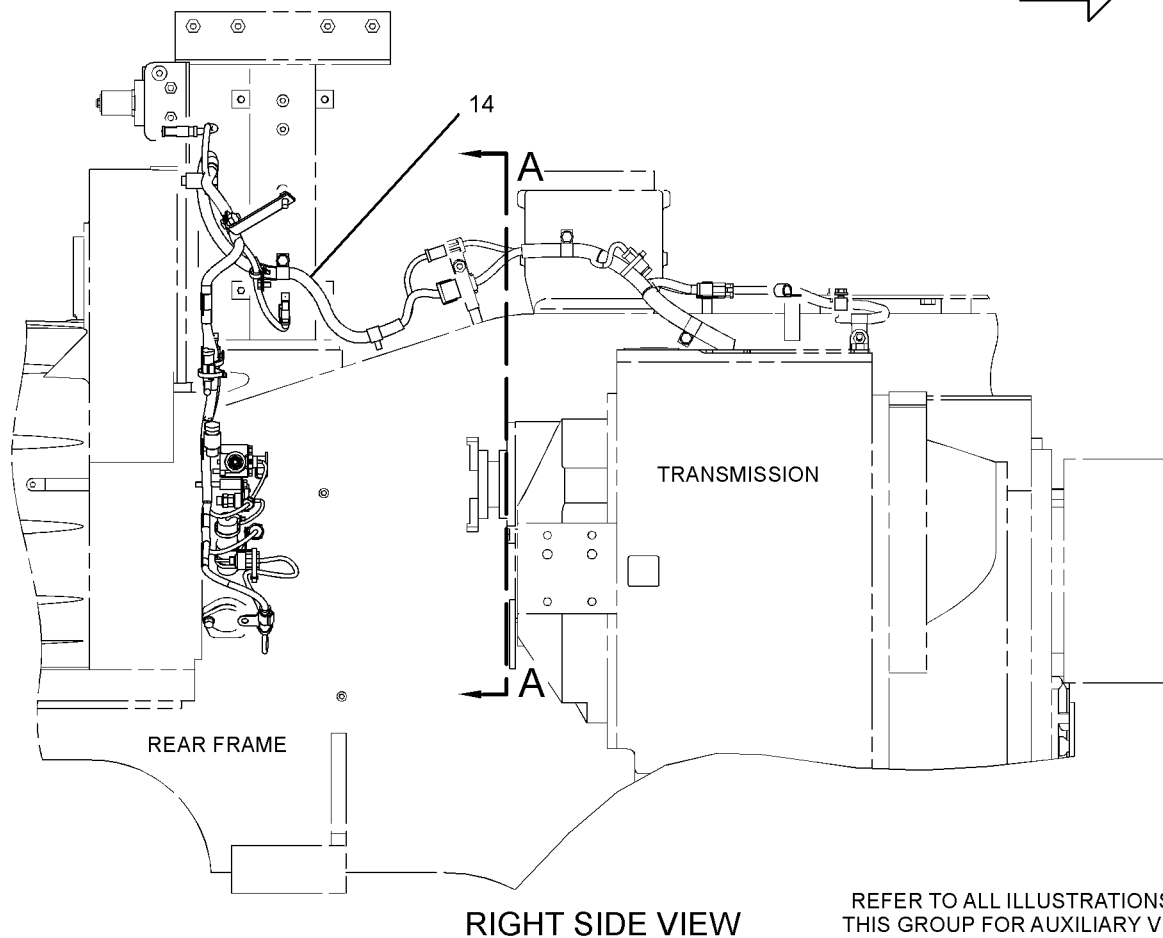
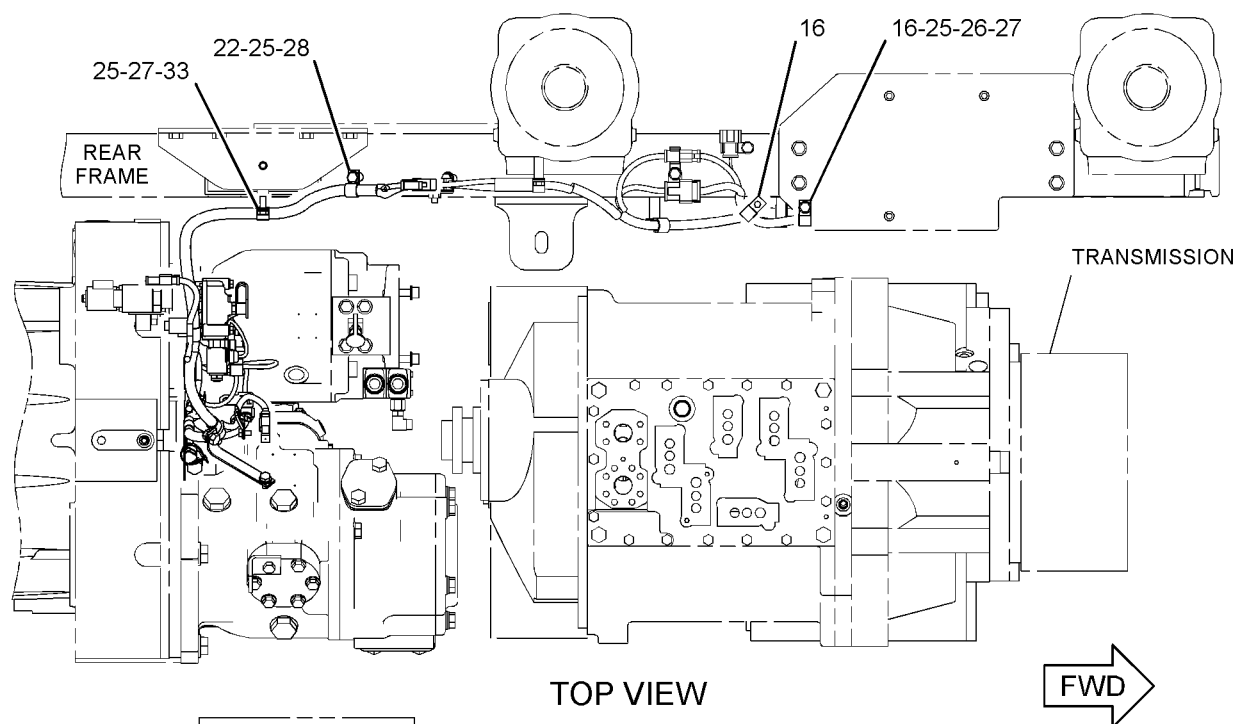
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

227-5373 WIRING GP-POWER TRAIN (contd.)

i02742111



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

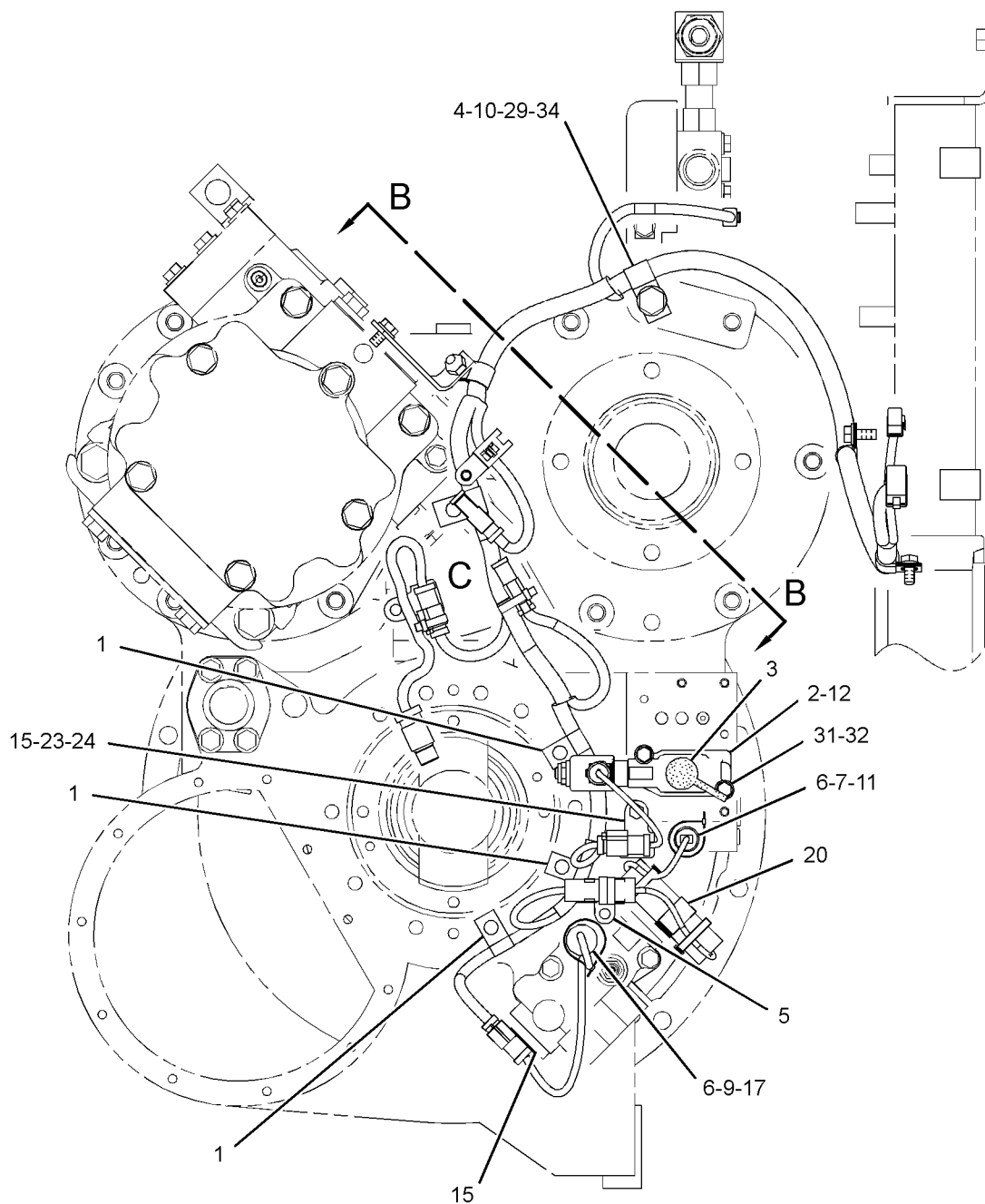
GRAPHIC #1

g01259830

ELECTRICAL AND STARTING SYSTEM

227-5373 WIRING GP-POWER TRAIN (contd.)

i02742111



VIEW A-A

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

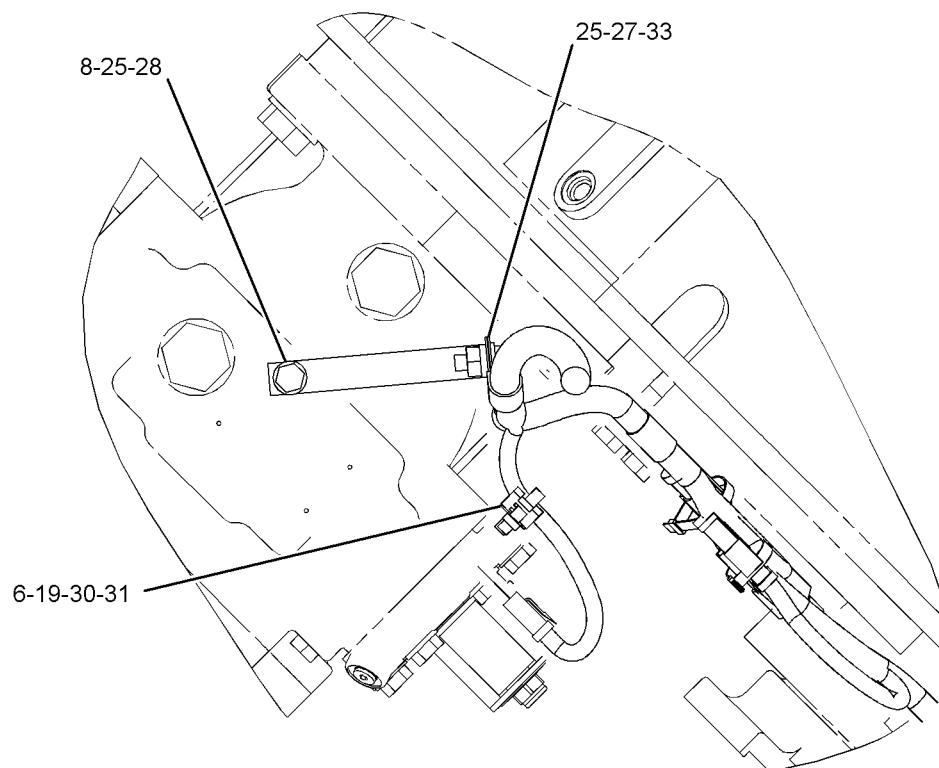
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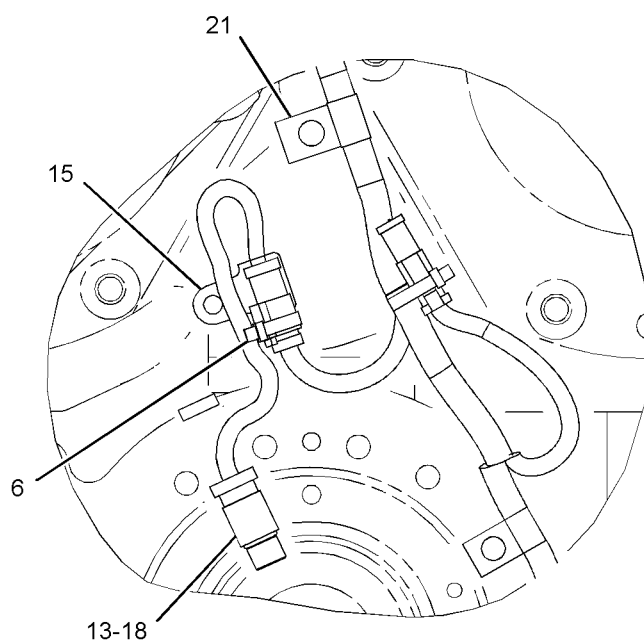
ELECTRICAL AND STARTING SYSTEM

227-5373 WIRING GP-POWER TRAIN (contd.)

i02742111



SECTION B-B



VIEW OF AREA C

GRAPHIC #3

<END>

g01259832

ELECTRICAL AND STARTING SYSTEM

284-3003 WIRING GP-POWER TRAIN

S/N: BXY1900-2448

PART OF 284-2987 ELECTRICAL AR

SMCS-1408, 1634

i02911208

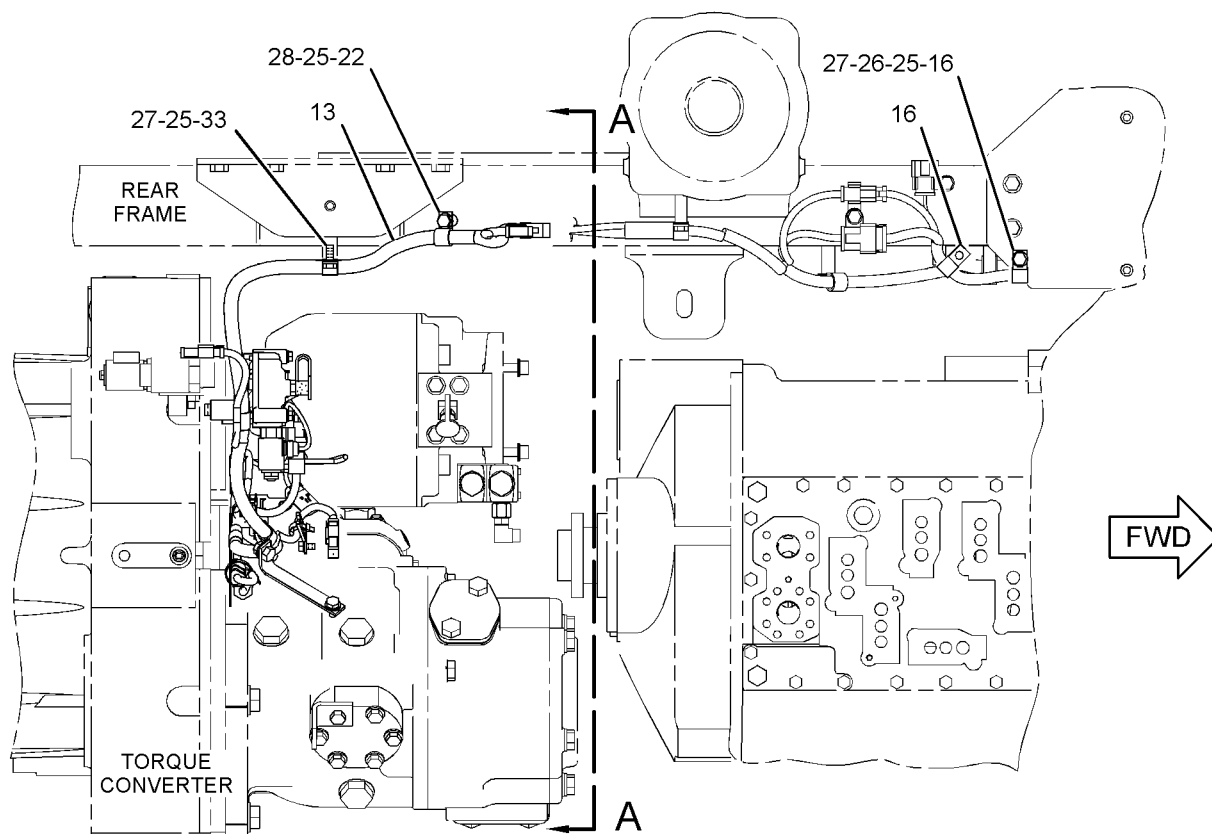
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	2T-3019	1	CLIP	
	2	1	6D-7889	1	SEAL-O-RING	
	3	1	6V-0852	1	CAP-DUST	
	4	1	8C-7528	1	CLIP	
	5	1	9X-3495	1	CLIP AS	
	6	1	9X-6772	6	STRAP-CABLE	
Y	7	1	100-4311	1	SENSOR GP-PRESSURE (IMPELLER CLUTCH)	419
	8	1	118-6878	1	BRACKET AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	9	1	149-8379	1	SPACER (18.85X26.67X32-MM THK)	
	10	1	173-7223	1	ADAPTER AS	
		1	3J-1907	1	SEAL-O-RING	
		1	3J-7354	1	SEAL-O-RING	
		1	9X-0261	1	ADAPTER	
Y	11	1	217-2708	1	VALVE GP-MODULATING (24-VOLT) (TC IMPELLER CLUTCH)	879
	12	1	266-8577	1	SENSOR GP-SPEED (TORQUE CONVERTER OUTPUT)	
		1	102-8803	1	KIT-RECEPTACLE (3-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
		1	180-9339	3	PIN-CONNECTOR (14-GA TO 18-GA)	
	13	1	285-3606	1	HARNESS AS-TRANSMISSION (TORQUE CONVERTER)	
		1	102-8802	3	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
		1	8T-8732	1	RECEPTACLE (3-PIN)	
		1	9X-6772	2	STRAP-CABLE	
		1	155-2270	3	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2271	1	KIT-CONNECTING PLUG (4-PIN)	
		1	155-2260	2	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	3	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2271	1	KIT-CONNECTING PLUG (4-PIN)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN) (EACH KIT-CONNECTING INCLUDES PLUG AS & WEDGE)	
		1	230-5008	1	PLUG AS-CONNECTOR (4-PIN)	
Y	14	1	288-8390	1	SENSOR GP-TEMPERATURE (TORQUE CONVERTER OIL)	440
	15	1	130-5300	3	CLIP	
	16	1	174-5907	2	CLIP	
	17	1	3J-1907	1	SEAL-O-RING	
	18	1	3K-0360	1	SEAL-O-RING	
	19	1	4P-7581	1	CLIP	
	20	1	4S-4455	1	CLIP	
	21	1	5K-3294	2	CLIP	
	22	1	8M-2773	1	CLIP	
	23	1	8M-6146	1	TUBE	
M	24	1	8T-3647	1	BOLT (M8X1.25X80-MM)	
	25	1	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)	
M	26	1	8T-4133	1	NUT (M10X1.5-THD)	
M	27	1	8T-4136	3	BOLT (M10X1.5X25-MM)	
M	28	1	8T-4137	2	BOLT (M10X1.5X20-MM)	
M	29	1	8T-4193	1	BOLT (M16X2X50-MM)	
M	30	1	8T-4200	1	BOLT (M8X1.25X16-MM)	
	31	1	8T-4224	3	WASHER-HARD (8.8X16X2-MM THK)	
M	32	1	8T-6869	2	BOLT (M8X1.25X60-MM)	
	33	1	9M-8406	2	CLIP	
	34	1	9X-8257	1	WASHER (17.5X30X3.5-MM THK)	
	35	1	5P-8245	2	WASHER-HARD (13.5X25.5X3-MM THK)	
	36	1	8C-7510	1	CLIP	

ELECTRICAL AND STARTING SYSTEM

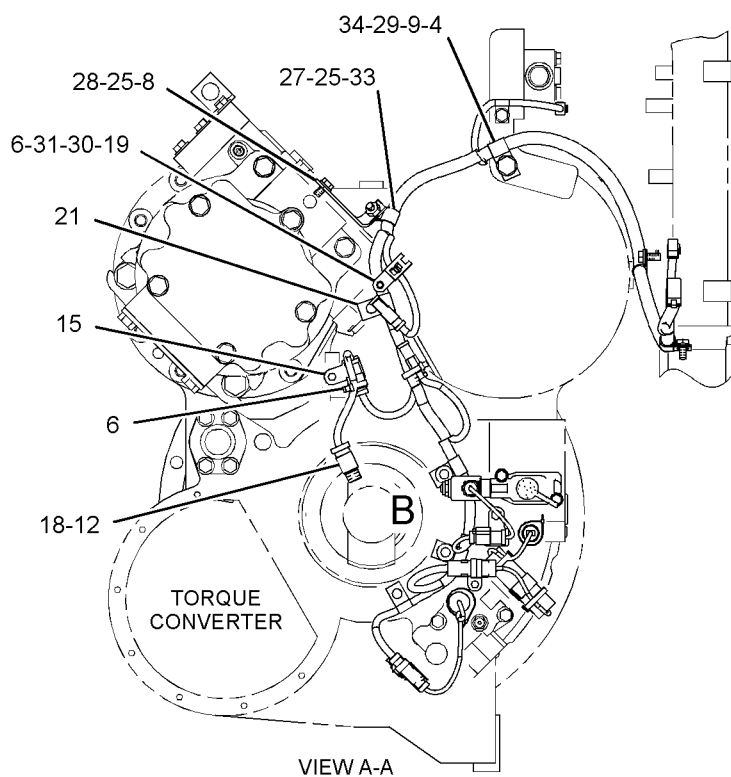
284-3003 WIRING GP-POWER TRAIN (contd.)

i02911208

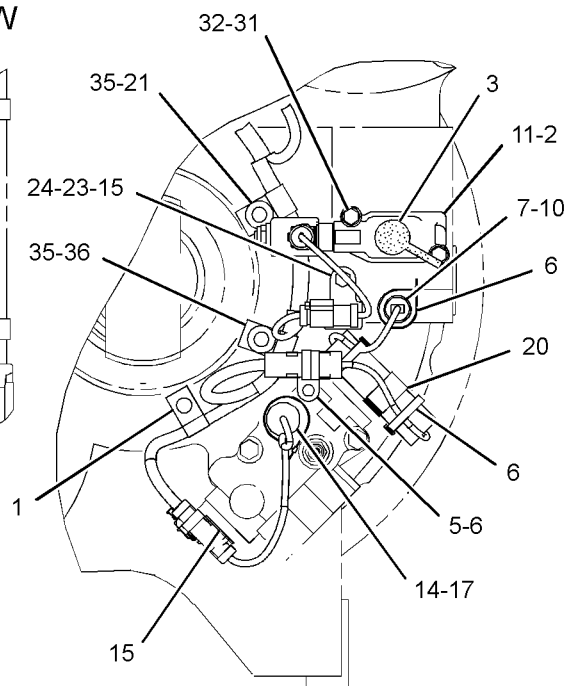
M-METRIC PART
Y-SEPARATE ILLUSTRATION



TOP VIEW



VIEW A-A



VIEW OF AREA B

GRAPHIC #1

<END>

g01476215

ELECTRICAL AND STARTING SYSTEM

284-3003 WIRING GP-POWER TRAIN

S/N: BXY2449-3999

PART OF 284-2987 ELECTRICAL AR

SMCS-1408, 1634

i03091657

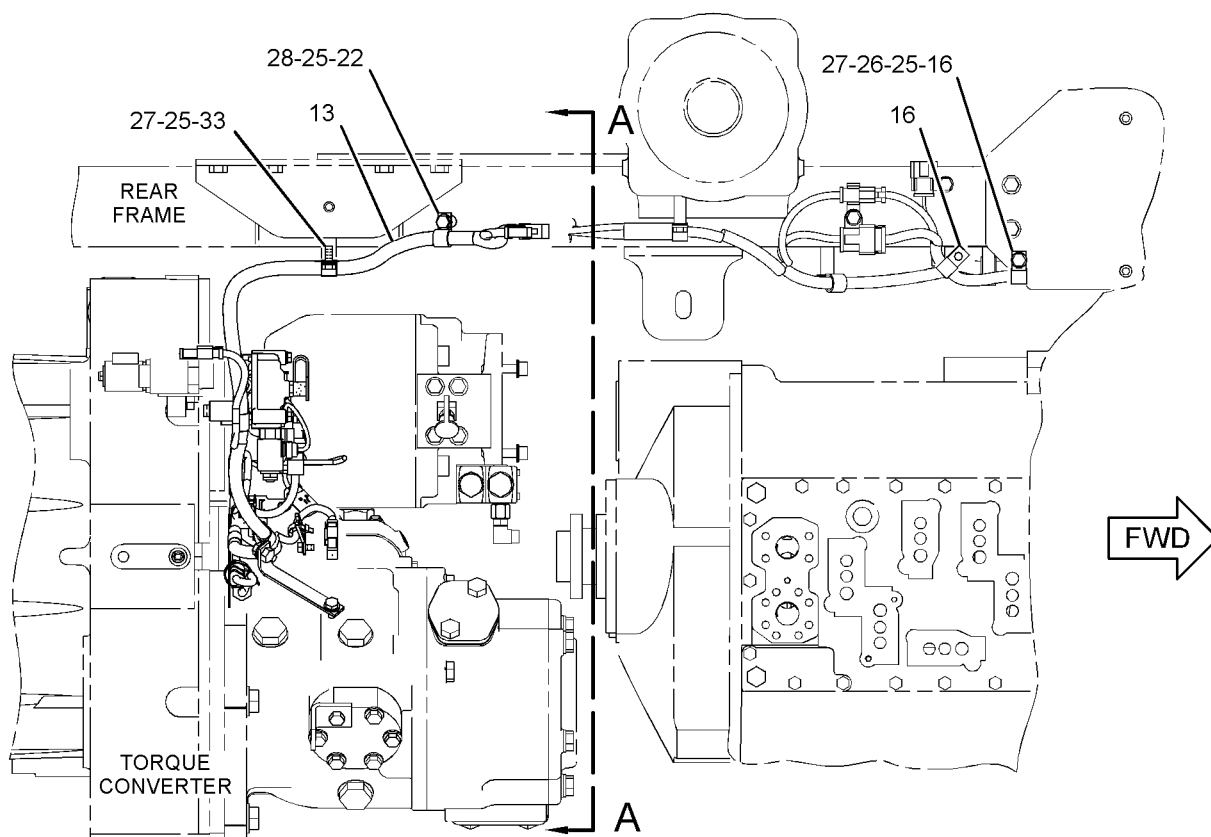
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2T-3019	1	CLIP						
	2	1	6D-7889	1	SEAL-O-RING						
	3	1	6V-0852	1	CAP-DUST						
	4	1	8C-7528	1	CLIP						
	5	1	9X-3495	1	CLIP AS						
	6	1	9X-6772	6	STRAP-CABLE						
Y	7	1	100-4311	1	SENSOR GP-PRESSURE (IMPELLER CLUTCH)						419
	8	1	118-6878	1	BRACKET AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	9	1	149-8379	1	SPACER (18.85X26.67X32-MM THK)						
Y	11	1	217-2708	1	VALVE GP-MODULATING (24-VOLT) (TC IMPELLER CLUTCH)						879
	12	1	266-8577	1	SENSOR GP-SPEED (TORQUE CONVERTER OUTPUT)						
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	180-9339	3	PIN-CONNECTOR (14-GA TO 18-GA)						
	13	1	285-3606	1	HARNESS AS-TRANSMISSION (TORQUE CONVERTER)						
Y	14	1	288-8390	1	SENSOR GP-TEMPERATURE (TORQUE CONVERTER OIL)						440
	15	1	130-5300	3	CLIP						
	16	1	174-5907	2	CLIP						
	17	1	3J-1907	1	SEAL-O-RING						
	18	1	3K-0360	1	SEAL-O-RING						
	19	1	4P-7581	1	CLIP						
	20	1	4S-4455	1	CLIP						
	21	1	5K-3294	2	CLIP						
	22	1	8M-2773	1	CLIP						
	23	1	8M-6146	1	TUBE						
M	24	1	8T-3647	1	BOLT (M8X1.25X80-MM)						
	25	1	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)						
M	26	1	8T-4133	1	NUT (M10X1.5-THD)						
M	27	1	8T-4136	3	BOLT (M10X1.5X25-MM)						
M	28	1	8T-4137	2	BOLT (M10X1.5X20-MM)						
M	29	1	8T-4193	1	BOLT (M16X2X50-MM)						
M	30	1	8T-4200	1	BOLT (M8X1.25X16-MM)						
	31	1	8T-4224	3	WASHER-HARD (8.8X16X2-MM THK)						
M	32	1	8T-6869	2	BOLT (M8X1.25X60-MM)						
	33	1	9M-8406	2	CLIP						
	34	1	9X-8257	1	WASHER (17.5X30X3.5-MM THK)						
	35	1	5P-8245	2	WASHER-HARD (13.5X25.5X3-MM THK)						
	36	1	8C-7510	1	CLIP						
C	37	1	117-0067	1	ELBOW						
C	38	1	3J-7354	2	SEAL-O-RING						

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

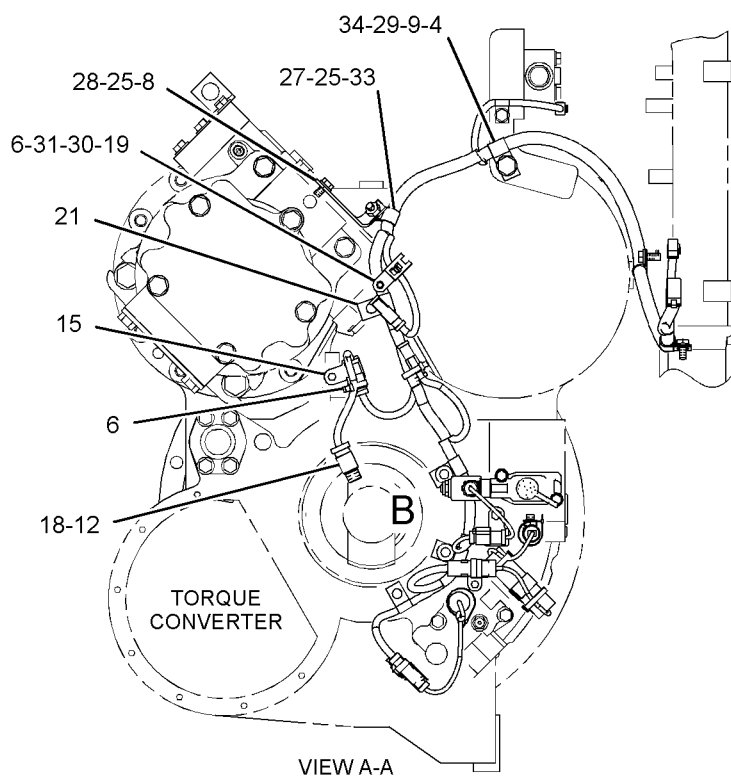
ELECTRICAL AND STARTING SYSTEM

284-3003 WIRING GP-POWER TRAIN (contd.)

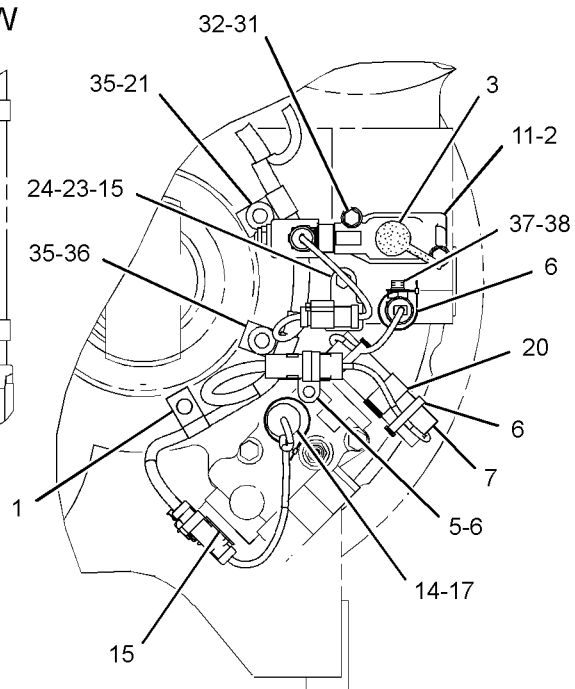
i03091657



TOP VIEW



VIEW A-A



VIEW OF AREA B

GRAPHIC #1

<END>

g01619254

ELECTRICAL AND STARTING SYSTEM

284-3003 WIRING GP-POWER TRAIN

S/N: BXY4000-UP

PART OF 337-0870 ELECTRICAL AR

SMCS-1408, 1634

i03766231

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2T-3019	1	CLIP						
	4	1	8C-7528	1	CLIP						
	5	1	9X-3495	1	CLIP AS						
	6	1	9X-6772	6	STRAP-CABLE						
Y	7	1	100-4311	1	SENSOR GP-PRESSURE (IMPELLER CLUTCH)						419
	8	1	118-6878	1	BRACKET AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	9	1	149-8379	1	SPACER (18.85X26.67X32-MM THK)						
	12	1	266-8577	1	SENSOR GP-SPEED (TORQUE CONVERTER OUTPUT)						
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	180-9339	3	PIN-CONNECTOR (14-GA TO 18-GA)						
13		1	285-3606	1	HARNESS AS-TRANSMISSION (TORQUE CONVERTER)						
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
		1	155-2270	3	KIT-CONNECTING PLUG (2-PIN)						
		1	155-2271	1	KIT-CONNECTING PLUG (4-PIN)						
		1	155-2260	2	KIT-CONNECTING PLUG (3-PIN)						
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
		1	102-8802	3	KIT-RECEPTACLE (2-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		1	9X-3401	3	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	8T-8737	8	PLUG-SEAL						
		1	230-5008	1	PLUG AS-CONNECTOR (4-PIN)						
		1	264-7031	1	SEAL-CONNECTOR						
		1	8T-8732	1	RECEPTACLE (3-PIN)						
E		1	114-8843		SLEEVE-PLASTIC (160-CM)						
		1	8T-8730	14	SOCKET-CONNECTOR (16-GA TO 18-GA)						
		1	9X-3402	16	SOCKET-CONNECTOR (16-GA TO 18-GA)						
		1	9X-6772	2	STRAP-CABLE						
E		1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (5-CM)						
		1	155-2258	1	WEDGE-PLUG LOCK (12-PIN)						
Y	14	1	288-8390	1	SENSOR GP-TEMPERATURE (TORQUE CONVERTER OIL)						440
	15	1	130-5300	3	CLIP						
	16	1	174-5907	2	CLIP						
	17	1	3J-1907	1	SEAL-O-RING						
	18	1	3K-0360	1	SEAL-O-RING						
	19	1	4P-7581	1	CLIP						
	20	1	4S-4455	1	CLIP						
	21	1	5K-3294	2	CLIP						
	22	1	8M-2773	1	CLIP						
	23	1	8M-6146	1	TUBE						
M	24	1	8T-3647	1	BOLT (M8X1.25X80-MM)						
	25	1	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)						
M	26	1	8T-4133	1	NUT (M10X1.5-THD)						
M	27	1	8T-4136	3	BOLT (M10X1.5X25-MM)						
M	28	1	8T-4137	2	BOLT (M10X1.5X20-MM)						
M	29	1	8T-4193	1	BOLT (M16X2X50-MM)						
M	30	1	8T-4200	1	BOLT (M8X1.25X16-MM)						
C	31	1	8T-4224	1	WASHER-HARD (8.8X16X2-MM THK)						
	33	1	9M-8406	2	CLIP						
	34	1	9X-8257	1	WASHER (17.5X30X3.5-MM THK)						
	35	1	5P-8245	2	WASHER-HARD (13.5X25.5X3-MM THK)						
	36	1	8C-7510	1	CLIP						
	37	1	117-0067	1	ELBOW						
	38	1	3J-7354	2	SEAL-O-RING						

ELECTRICAL AND STARTING SYSTEM

284-3003 WIRING GP-POWER TRAIN (contd.)

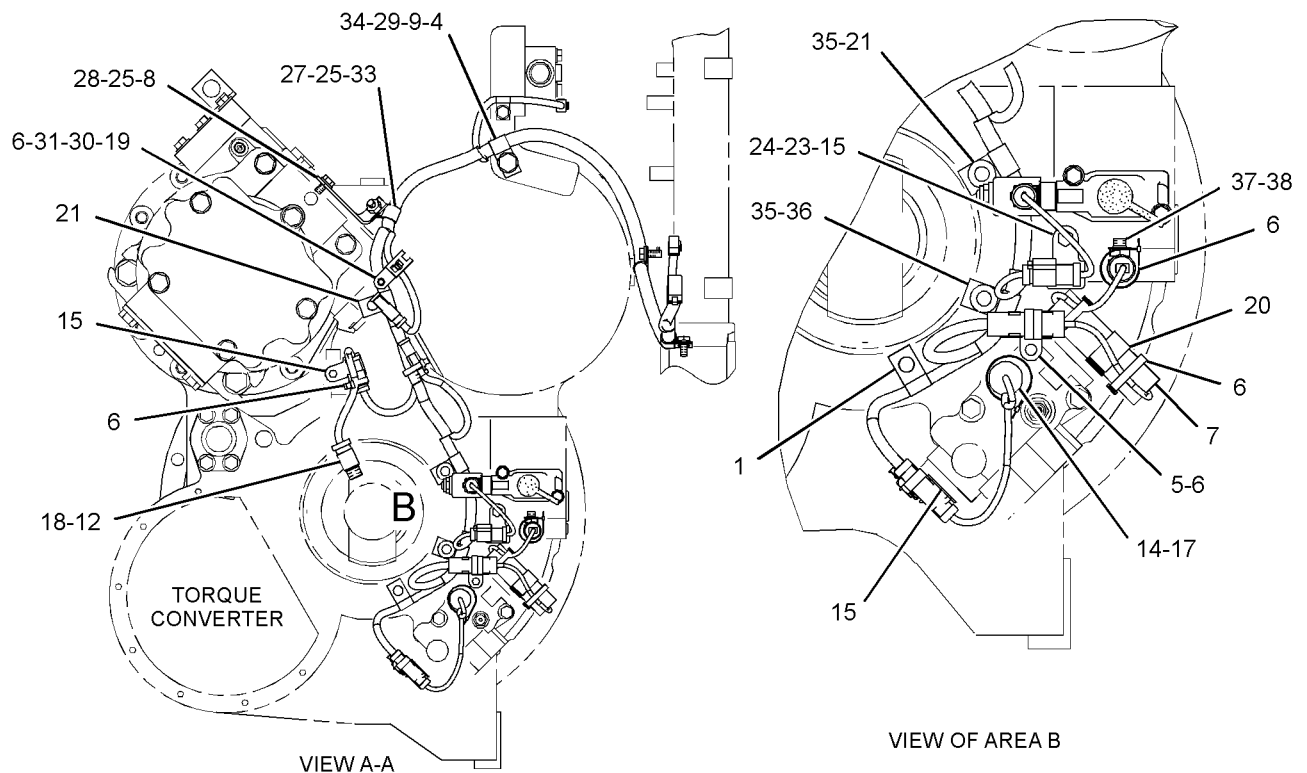
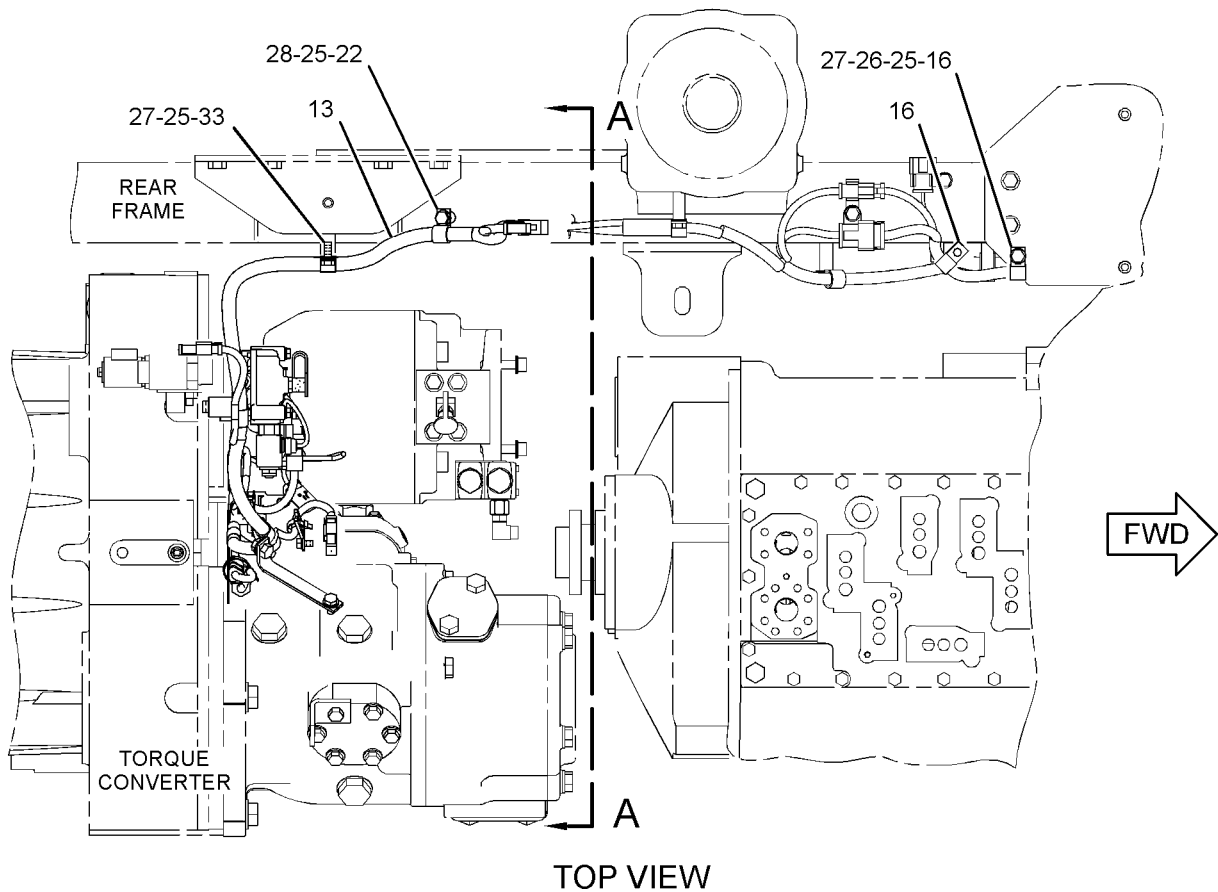
i03766231

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

ELECTRICAL AND STARTING SYSTEM

284-3003 WIRING GP-POWER TRAIN (contd.)

i03766231



GRAPHIC #1

<END>

g02053375

ELECTRICAL AND STARTING SYSTEM

225-6856 WIRING GP-REAR

S/N: BXY1-1899

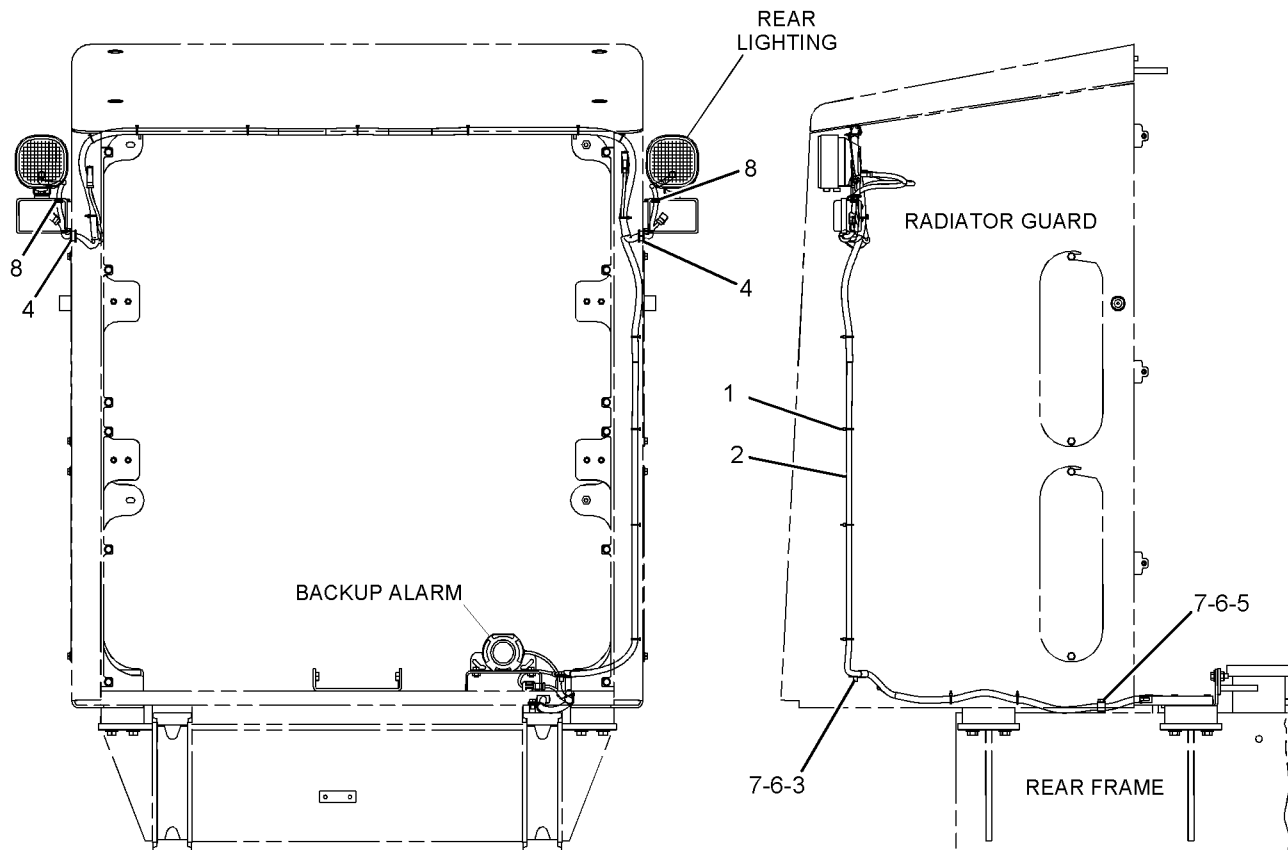
PART OF 225-5452 ELECTRICAL AR

SMCS-1408

i02223945

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	9X-6772	15	STRAP-CABLE	
	2	1	260-1395	1	HARNESS AS-REAR	
		1	102-8802	2	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
		1	8T-8737	8	PLUG-SEAL	
		1	9X-6772	2	STRAP-CABLE	
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2260	2	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	5	KIT-CONNECTING PLUG (2-PIN) (EACH KIT INCLUDES PLUG AS AND WEDGE)	
	3	1	124-0174	1	CLIP	
	4	1	7X-4780	2	GROMMET	
	5	1	8M-2773	1	CLIP	
	6	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)	
M	7	1	8T-4137	2	BOLT (M10X1.5X20-MM)	
	8	1	9X-7344	2	GROMMET	

M-METRIC PART



GRAPHIC #1

<END>

g01018103

ELECTRICAL AND STARTING SYSTEM

286-7232 WIRING GP-REAR

S/N: BXY1900-UP

PART OF 284-2987, 337-0870 ELECTRICAL AR

SMCS-1408

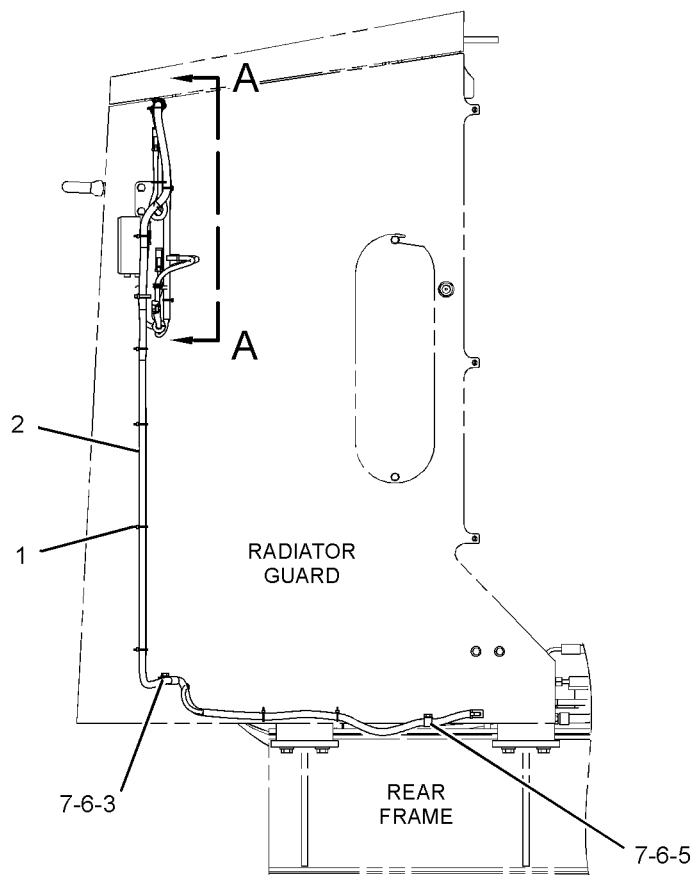
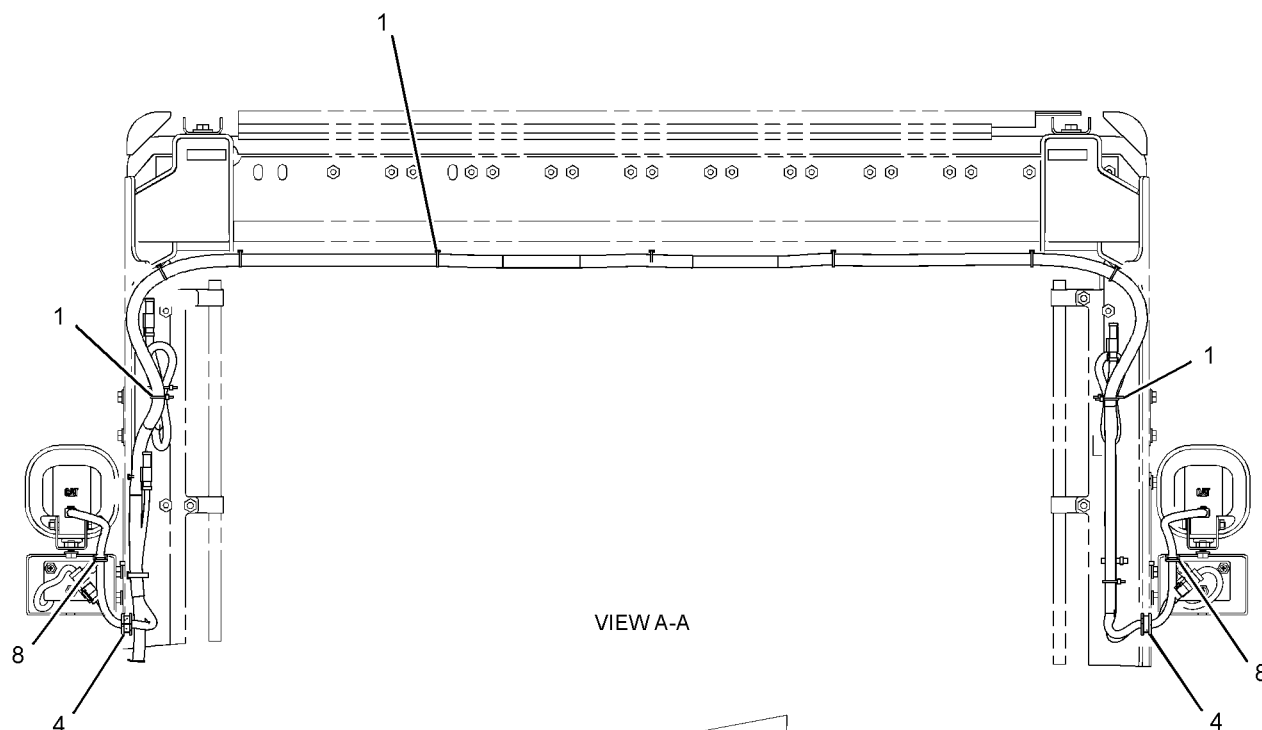
i02672337

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-6772	17	STRAP-CABLE						
	2	1	287-8397	1	HARNESS AS-REAR						
		1	102-8802	4	KIT-RECEPTACLE (2-PIN)						
					(EACH KIT INCLUDES RECEPTACLE AS AND WEDGE)						
		1	9X-6772	4	STRAP-CABLE						
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
		1	155-2270	7	KIT-CONNECTING PLUG (2-PIN)						
		1	155-2260	2	KIT-CONNECTING PLUG (3-PIN)						
					(EACH KIT-CONNECTING INCLUDES PLUG AS AND WEDGE)						
	3	1	124-0174	1	CLIP						
	4	1	7X-4780	2	GROMMET						
	5	1	8M-2773	1	CLIP						
	6	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
M	7	1	8T-4137	2	BOLT (M10X1.5X20-MM)						
	8	1	9X-7344	2	GROMMET						
M-METRIC PART											

ELECTRICAL AND STARTING SYSTEM

286-7232 WIRING GP-REAR (contd.)

i02672337



GRAPHIC #1

<END>

g01354301

ELECTRICAL AND STARTING SYSTEM

235-2506 WIRING GP-SENSOR-LIFT CYLINDER OIL PRESSURE

S/N: BXY1-UP

PART OF 235-4176, 345-0533 MONITOR AR-PAYLOAD
AN ATTACHMENT

SMCS-1408

i02172036

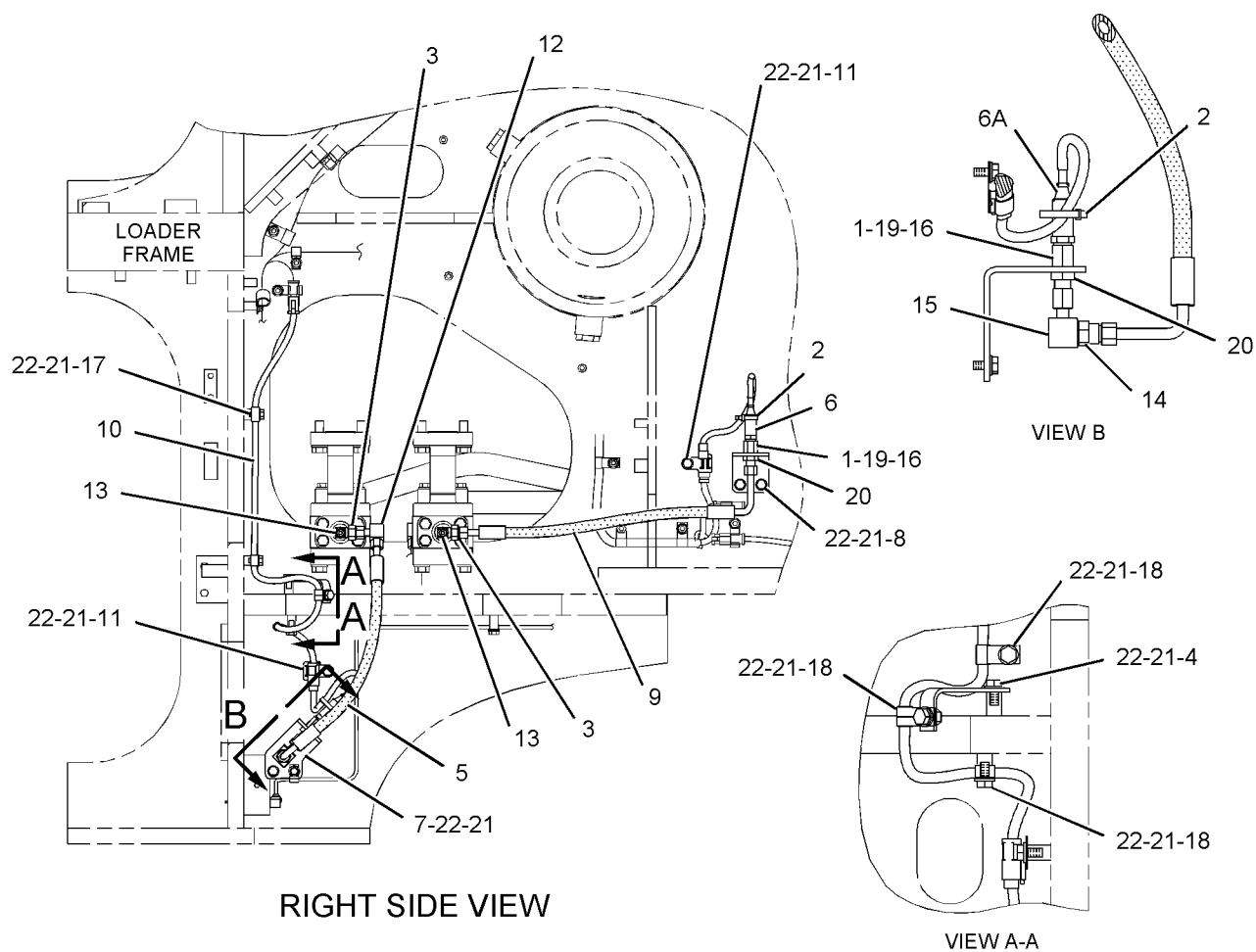
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8T-9358	2	CONNECTOR						
	2	1	9X-6772	2	STRAP-CABLE						
	3	1	164-6871	2	ADAPTER AS						
					(EACH INCLUDES)						
		1	6V-8397	1	SEAL-O-RING						
		1	122-2222	1	ADAPTER						
	4	1	174-4613	1	ANGLE AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
I	5	1	198-0997	1	HOSE AS						
	6	1	221-3416	1	SENSOR GP-PRESSURE						
					(LIFT CYLINDER HEAD END OIL)						
		1	155-2260		KIT-CONNECTING PLUG (3-PIN)						
					(INCLUDES PLUG AS AND WEDGE)						
	6A	1	221-3416	1	SENSOR GP-PRESSURE						
					(LIFT CYLINDER ROD END OIL)						
		1	155-2260		KIT-CONNECTING PLUG (3-PIN)						
					(INCLUDES PLUG AS AND WEDGE)						
	7	1	235-1869	1	BRACKET						
	8	1	235-3350	1	BRACKET						
I	9	1	257-3448	1	HOSE AS						
	10	1	258-7916	1	HARNESS AS-SENSOR (LIFT CYLINDER OIL)						
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		1	8T-8737	1	PLUG-SEAL						
		1	155-2271	1	KIT-CONNECTING PLUG (4-PIN)						
					(INCLUDES PLUG AS AND WEDGE)						
	11	1	130-5300	2	CLIP						
	12	1	148-8367	1	ELBOW AS						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-9850	1	ELBOW						
	13	1	148-8378	2	ELBOW AS						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8724	1	ELBOW						
	14	1	148-8415	1	REDUCER AS						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8936	1	REDUCER						
	15	1	164-5544	1	ELBOW AS						
		1	3E-2333	1	ELBOW						
		1	6V-8398	1	SEAL-O-RING						
	16	1	3J-1907	2	SEAL-O-RING						
	17	1	5P-9297	1	CLIP						
	18	1	6V-3265	3	CLIP						
	19	1	6V-8397	2	SEAL-O-RING						
	20	1	6V-9168	2	NUT (11/16-16-THD)						
	21	1	8T-4121	10	WASHER-HARD (11X21X2.5-MM THK)						
M	22	1	8T-4137	10	BOLT (M10X1.5X20-MM)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART

ELECTRICAL AND STARTING SYSTEM

235 - 2506 WIRING GP-SENSOR (contd.)

i02172036



RIGHT SIDE VIEW

VIEW B

VIEW A-A

GRAPHIC #1

<END>

g01101784

ELECTRICAL AND STARTING SYSTEM

255-7139 WIRING GP-SENSOR-LIFT, TILT POSITION

S/N: BXY1-UP

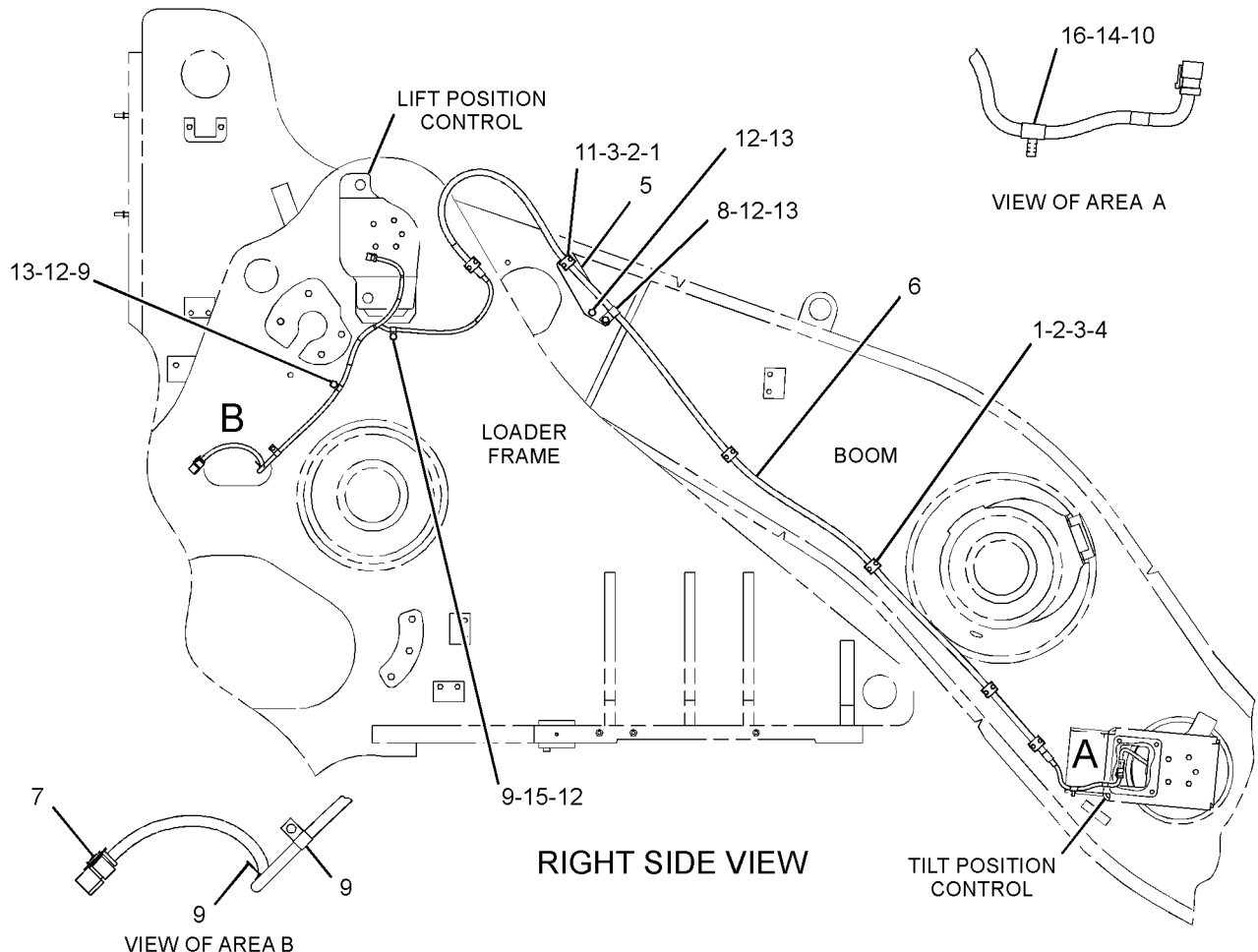
PART OF 255-0040, 255-0041, 298-6962, 298-6963 LIFT AR
AN ATTACHMENT

SMCS-1408

i02928825

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4V-1939	12	CLAMP						
	2	1	107-4749	6	PLATE						
	3	1	9X-8256	12	WASHER (6.6X12X2-MM THK)						
M	4	1	9X-2480	10	BOLT (M6X1X45-MM)						
	5	1	243-5499	1	PLATE AS						
	6	1	261-8023	1	HARNESS AS-SENSOR (LIFT, TILT POSITION)						
	7	1	115-3071	1	CLIP AS-CONNECTOR (6-PIN)						
	8	1	4D-7735	1	CLIP						
	9	1	4D-7794	4	CLIP						
	10	1	5P-9085	1	CLIP						
M	11	1	7X-2534	2	BOLT (M6X1X50-MM)						
	12	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	13	1	8T-4137	3	BOLT (M10X1.5X20-MM)						
M	14	1	8T-4189	1	BOLT (M8X1.25X20-MM)						
M	15	1	8T-4136	1	BOLT (M10X1.5X25-MM)						
	16	1	8T-4224	1	WASHER-HARD (8.8X16X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01454352

ELECTRICAL AND STARTING SYSTEM

261-8025 WIRING GP-SENSOR-LIFT, TILT POSITION-HIGH LIFT MACHINES

S/N: BXY1-UP

PART OF 255-0042, 255-0043, 298-6964, 298-6965 LIFT AR
AN ATTACHMENT

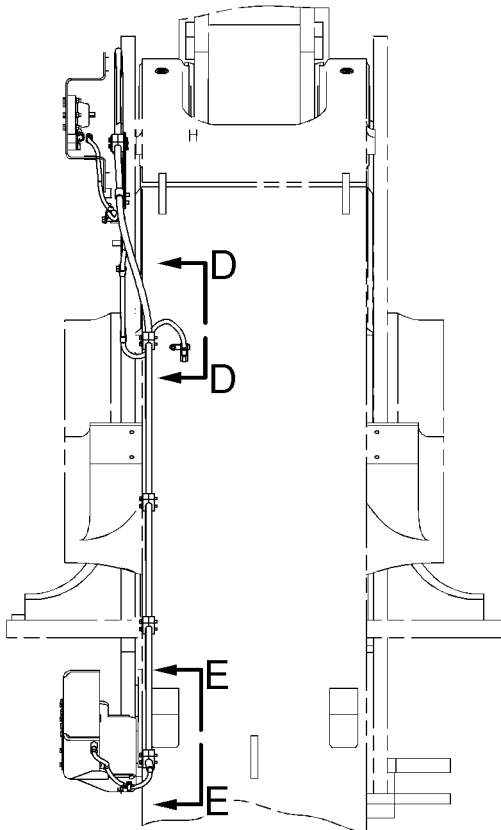
SMCS-1408

i03815596

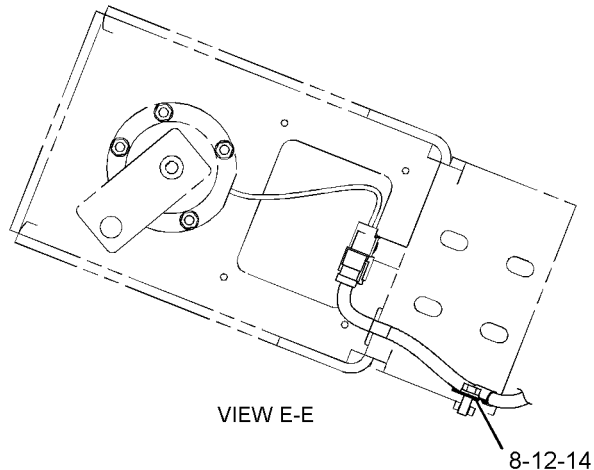
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	4V-1939	12	CLAMP						
	2	2	107-4749	1	PLATE						
	3	2	243-5499	1	PLATE AS						
	4	2	261-8024	1	HARNESS AS-SENSOR (LIFT, TILT POSITION)						
	5	2	115-3071	1	CLIP AS-CONNECTOR (6-PIN)						
	6	2	4D-7735	1	CLIP						
	7	2	4D-7794	4	CLIP						
	8	1	5P-9085	1	CLIP						
M	9	2	7X-2534	2	BOLT (M6X1X50-MM)						
	10	2	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	11	2	8T-4137	3	BOLT (M10X1.5X20-MM)						
M	12	1	8T-4189	1	BOLT (M8X1.25X20-MM)						
M	13	2	8T-4136	1	BOLT (M10X1.5X25-MM)						
	14	1	8T-4224	1	WASHER-HARD (8.8X16X2-MM THK)						
M	15	2	9X-2480	10	BOLT (M6X1X45-MM)						
	16	2	9X-8256	12	WASHER (6.6X12X2-MM THK)						

M-METRIC PART

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



FRONT VIEW



VIEW E-E

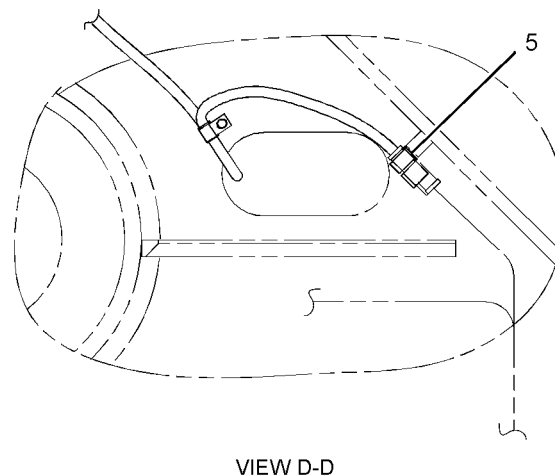
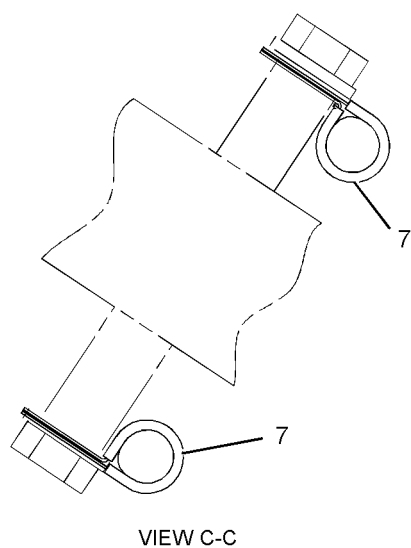
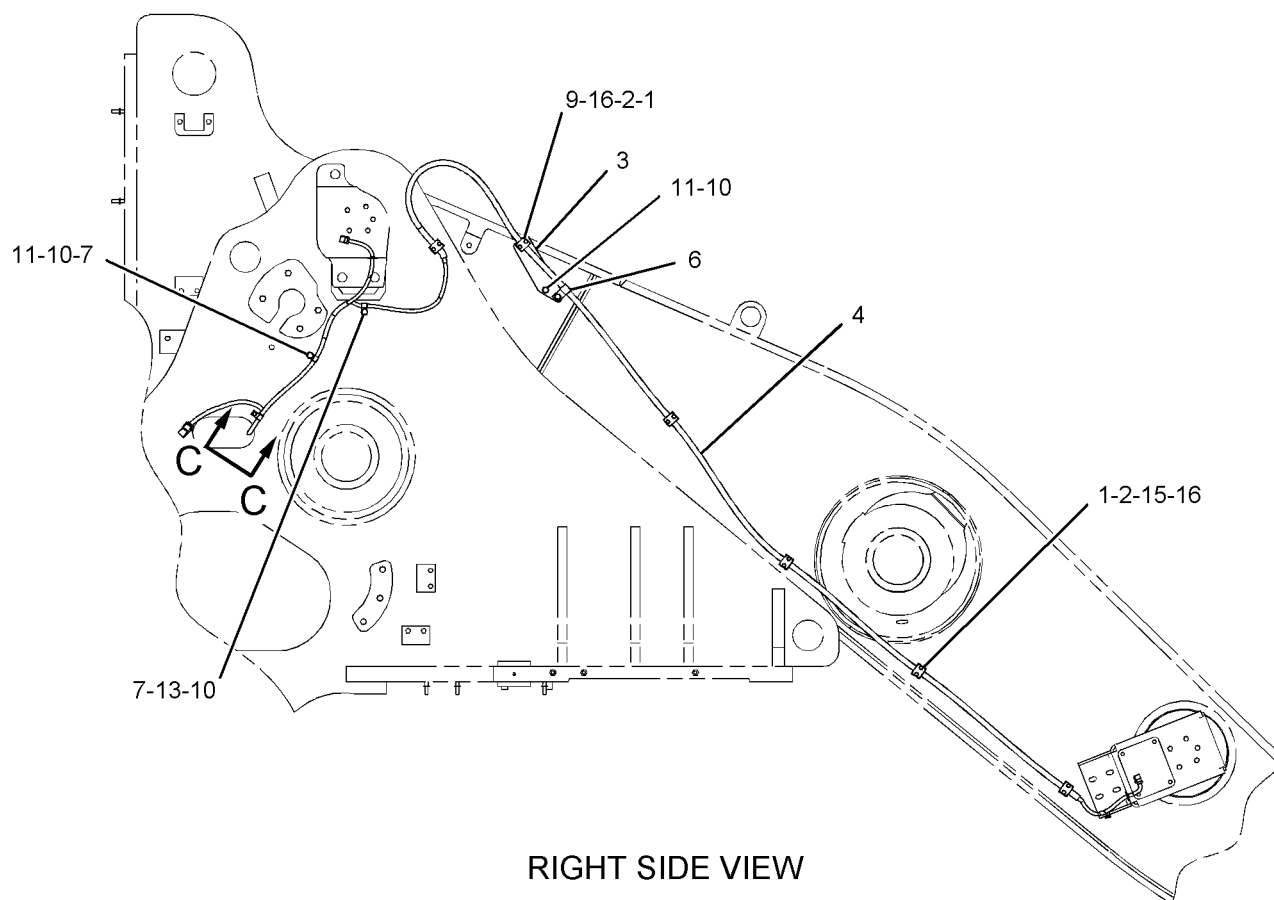
GRAPHIC #1

g01128170

ELECTRICAL AND STARTING SYSTEM

261-8025 WIRING GP-SENSOR (contd.)

i03815596



GRAPHIC #2

<END>

g01128020

ELECTRICAL AND STARTING SYSTEM

302-2177 WIRING GP-SENSOR

S/N: BXY1900-UP

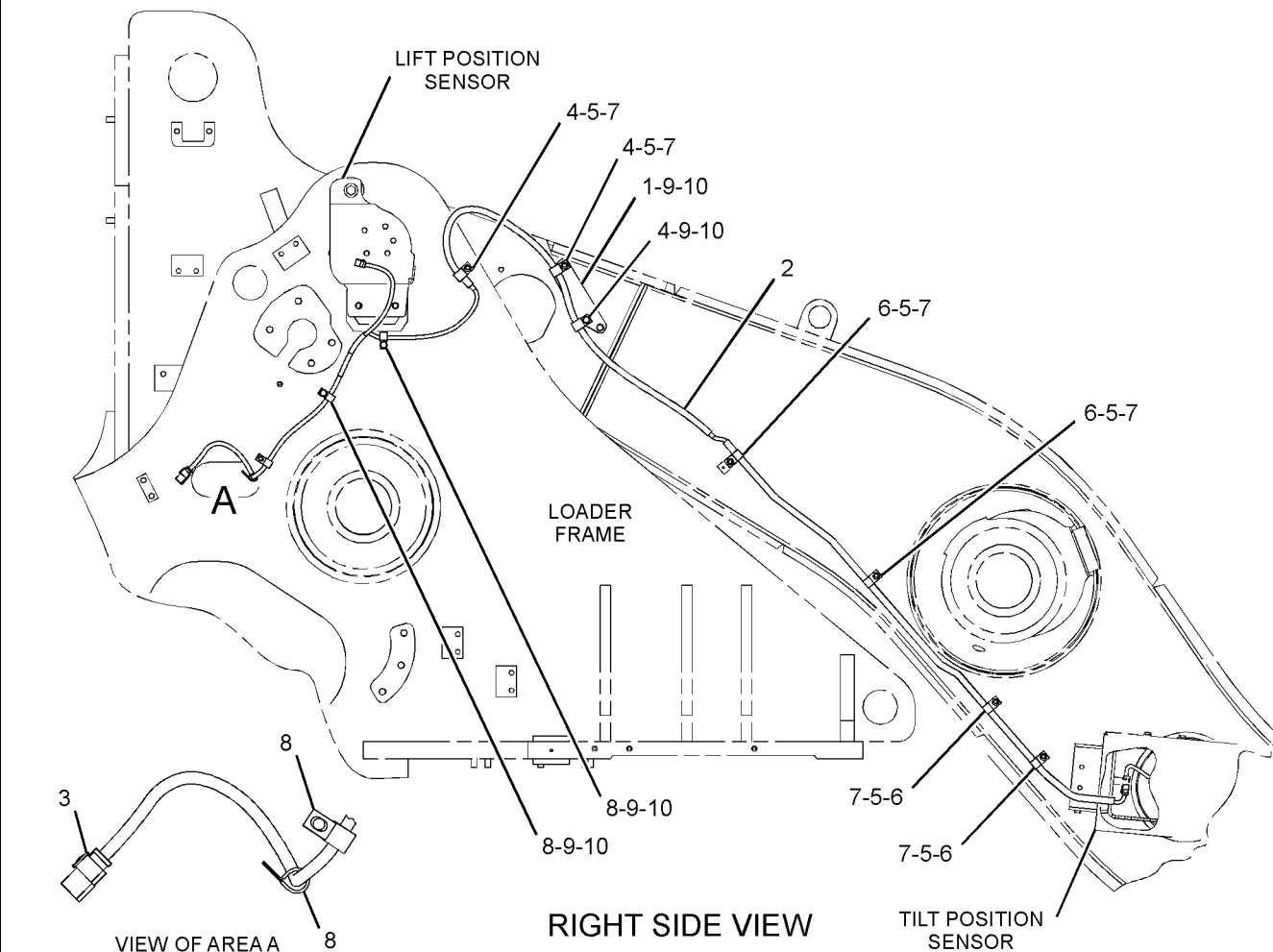
PART OF 2Q-8722, 2Q-8752 STEEL MILL AR
AN ATTACHMENT

SMCS-1408

i03109789

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	243-5499	1	PLATE AS						
	2	1	303-8246	1	HARNESS AS-SENSOR (LIFT, TILT POSITION)						
	3	1	115-3071	1	CLIP AS-CONNECTOR (6-PIN)						
	4	1	4S-1962	3	CLIP						
M	5	1	5C-9553	6	BOLT (M6X1X16-MM)						
	6	1	5K-9660	4	CLIP						
	7	1	5P-4115	11	WASHER-HARD (7.2X19X2-MM THK)						
	8	1	6D-4246	4	CLIP						
	9	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	10	1	8T-4137	4	BOLT (M10X1.5X20-MM)						

M-METRIC PART



g01614478

ELECTRICAL AND STARTING SYSTEM

303-8303 WIRING GP-SENSOR-LIFT, TILT POSITION

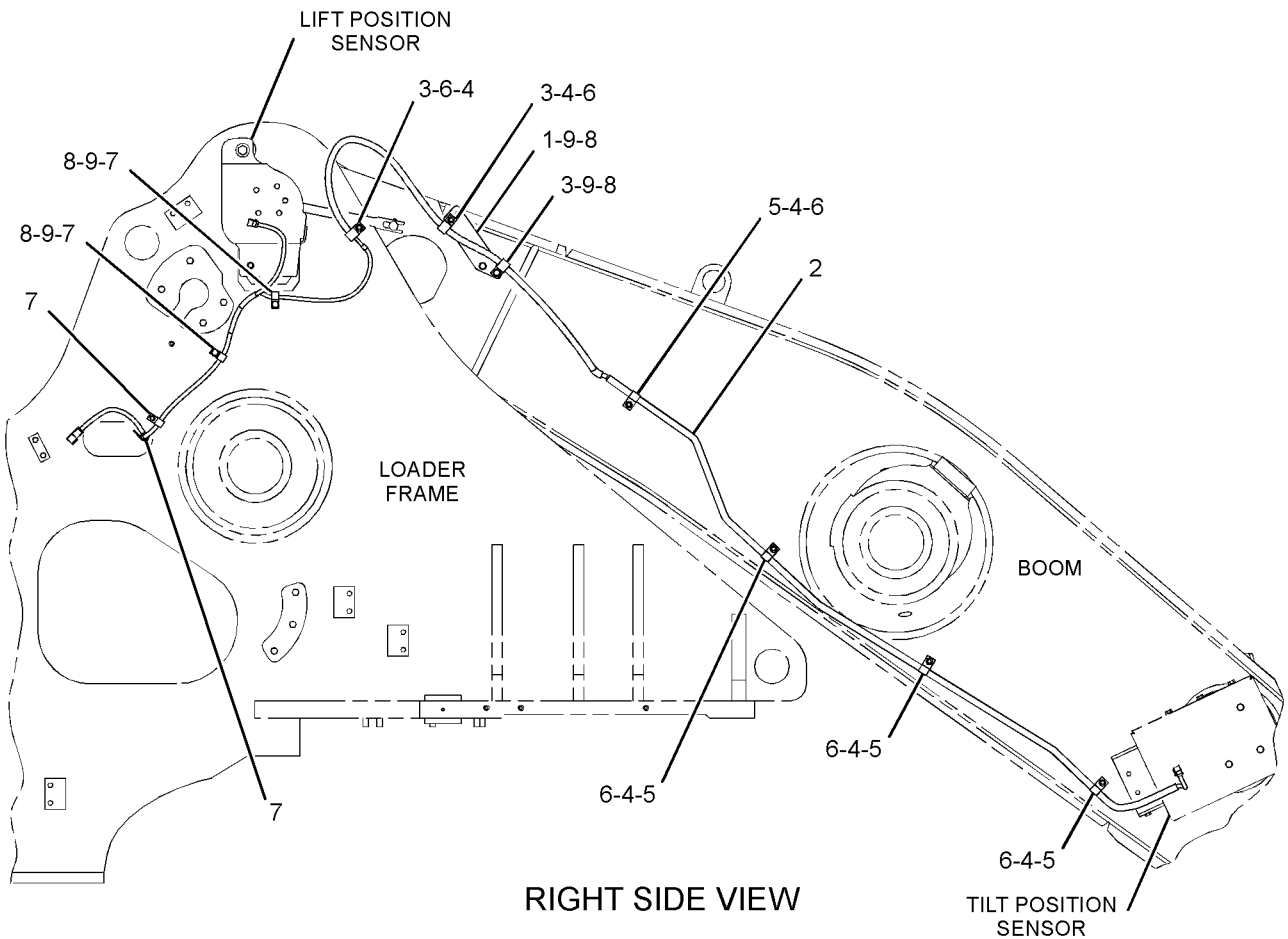
S/N: BXY1900-UP

PART OF 2Q-8744, 2Q-8753 STEEL MILL AR
AN ATTACHMENT

SMCS-1408

i03109844

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	243-5499	1	PLATE AS						
	2	1	304-0355	1	HARNESS AS-SENSOR						
	3	1	4S-1962	3	CLIP						
M	4	1	5C-9553	6	BOLT (M6X1X16-MM)						
	5	1	5K-9660	4	CLIP						
	6	1	5P-4115	11	WASHER-HARD (7.2X19X2-MM THK)						
	7	1	6D-4246	4	CLIP						
	8	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	9	1	8T-4137	4	BOLT (M10X1.5X20-MM)						
M-METRIC PART											



GRAPHIC #1

<END>

g01600373

ELECTRICAL AND STARTING SYSTEM

163-3997 WIRING GP-SHUTOFF-GROUND LEVEL

S/N: BXY1-3999

PART OF 225-5452, 284-2987 ELECTRICAL AR

SMCS-1408

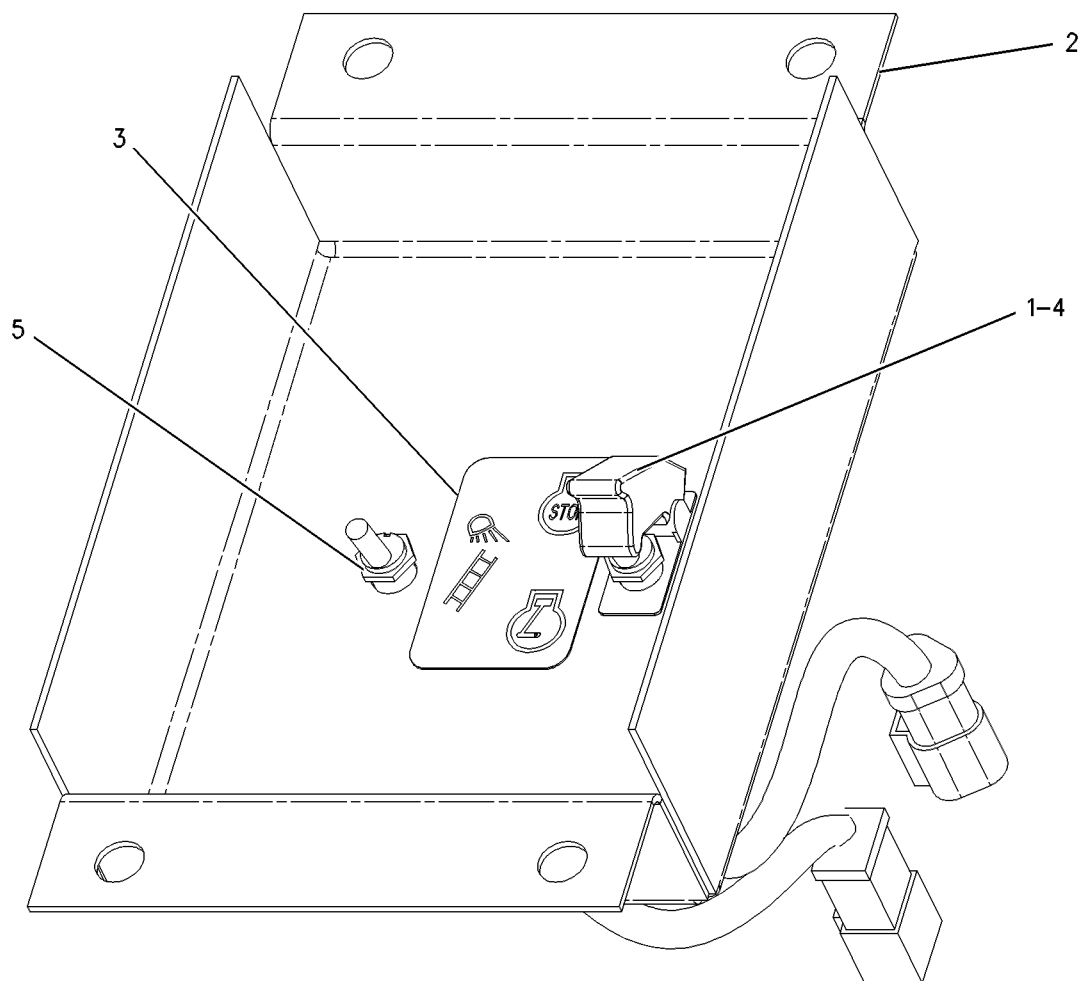
i01493024

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3E-5169	1	GUARD-SWITCH						
	2	1	119-7837	1	PLATE						
	3	1	124-7649	1	PLATE-INSTRUCTION (STAIRWAY LIGHT, SHUTDOWN)						
	4	1	139-2116	1	SWITCH AS-TOGGLE (GROUND LEVEL ENGINE SHUTDOWN)						
		1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)						
		1	6T-3631	2	NUT-HEX (15/32-32-THD)						
		1	6T-3632	1	LOCKWASHER						
		1	6T-3633	1	RING-LOCKING						
		1	8T-8729	3	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	102-8803	1	KIT-RECEPTACLE (3-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)						
	5	1	158-6634	1	SWITCH GP-TOGGLE (STAIRWAY ACCESS LIGHTS)						
		1	3E-3377	1	WEDGE-RECEPTACLE LOCK (4-PIN)						
		1	6T-3631	2	NUT-HEX (15/32-32-THD)						
		1	6T-3632	1	LOCKWASHER						
		1	6T-3633	1	RING-LOCKING						
		1	8T-8729	3	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	9G-3695	1	PLUG-SEAL						
		1	102-8804	1	KIT-RECEPTACLE (4-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)						

ELECTRICAL AND STARTING SYSTEM

163-3997 WIRING GP-SHUTOFF (contd.)

i01493024



GRAPHIC #1

<END>

g00521039

ELECTRICAL AND STARTING SYSTEM

163-3997 WIRING GP-SHUTOFF-GROUND LEVEL

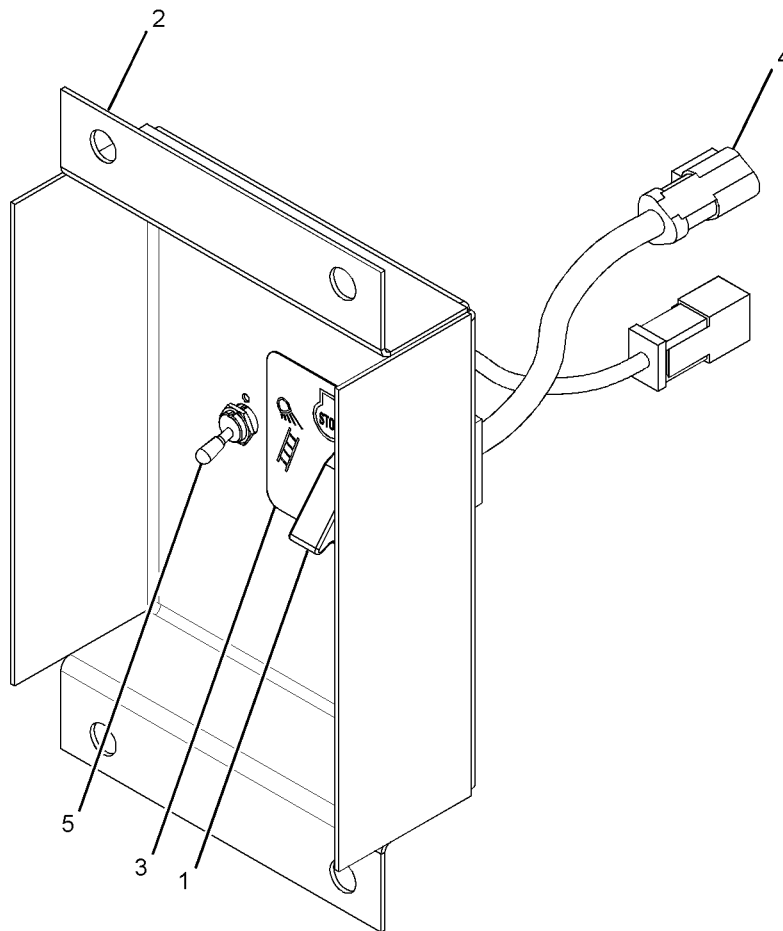
S/N: BXY4000-UP

PART OF 337-0870 ELECTRICAL AR

SMCS-1408

i03783109

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3E-5169	1	GUARD-SWITCH						
	2	1	119-7837	1	PLATE						
	3	1	124-7649	1	PLATE-INSTRUCTION (STAIRWAY LIGHT, SHUTDOWN)						
C	4	1	353-4515	1	SWITCH GP-TOGGLE (GROUND LEVEL ENGINE SHUTDOWN)						
		1	102-8803	1	KIT-RECEPTACLE (3-PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
		1	8T-8729	3	PIN-CONNECTOR (16-GA TO 18-GA)						
C	5	1	301-2979	1	SWITCH GP-TOGGLE (STAIRWAY ACCESS LIGHTS)						
		1	102-8804	1	KIT-RECEPTACLE (4-PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
		1	8T-8729	3	PIN-CONNECTOR (16-GA TO 18-GA)						
C-CHANGE FROM PREVIOUS TYPE											



GRAPHIC #1

<END>

g02046717

ELECTRICAL AND STARTING SYSTEM

308-2722 WIRING GP-SHUTOFF

S/N: BXY1900-UP

PART OF 308-2724 CONTROL GP-PARKING BRAKE
AN ATTACHMENT

SMCS-1408

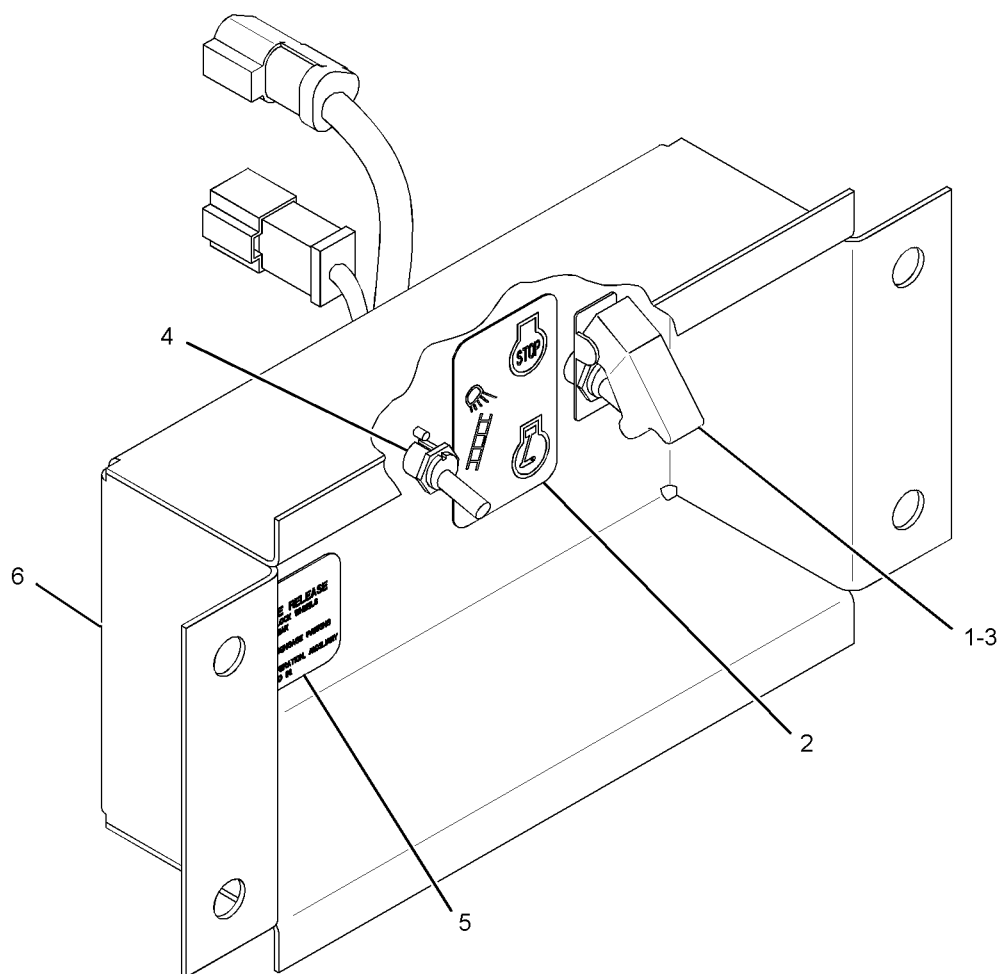
i02728677

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3E-5169	1	GUARD-SWITCH						
	2	1	124-7649	1	PLATE-INSTRUCTION (STAIRWAY LIGHT, SHUTDOWN)						
	3	1	139-2116	1	SWITCH AS-TOGGLE (GROUND LEVEL SHUTDOWN)						
		1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)						
		1	6T-3631	2	NUT-HEX (15/32-32-THD)						
		1	6T-3632	1	LOCKWASHER						
		1	6T-3633	1	RING-LOCKING						
		1	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
	4	1	158-6634	1	SWITCH GP-TOGGLE (STAIRWAY ACCESS LIGHTS)						
		1	3E-3377	1	WEDGE-RECEPTACLE LOCK (4-PIN)						
		1	6T-3631	2	NUT-HEX (15/32-32-THD)						
		1	6T-3632	1	LOCKWASHER						
		1	6T-3633	1	RING-LOCKING						
		1	9G-3695	1	PLUG-SEAL						
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		1	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)						
	5	1	174-2031	1	PLATE-NOTICE (PARKING BRAKE RELEASE)						
	6	1	308-2723	1	PLATE						

ELECTRICAL AND STARTING SYSTEM

308-2722 WIRING GP-SHUTOFF (contd.)

i02728677



GRAPHIC #1

<END>

g01369755

ELECTRICAL AND STARTING SYSTEM

271-7459 WIRING GP-TILT REGEN CONTROL

S/N: BXY1-UP

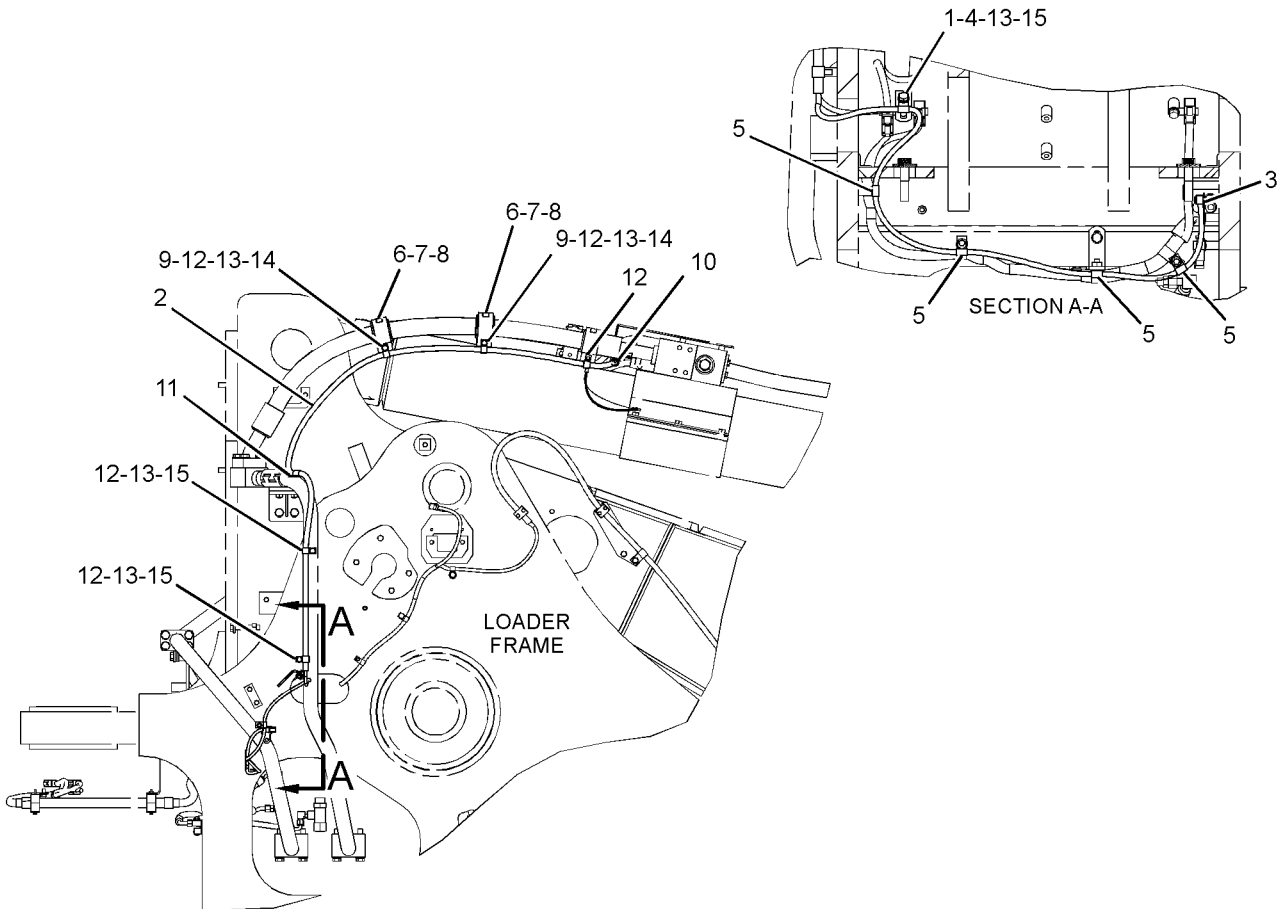
PART OF 275-7838, 275-7840, 290-5780 HYDRAULIC AR-TILT REGENERATION

SMCS-1408

i02446492

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	103-0010	1	BRACKET AS	
	2	1	273-6469	1	HARNESS AS-SOLENOID	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN) (INCLUDES PLUG AS AND WEDGE)	
	3	1	130-5300	1	CLIP	
	4	1	4D-8123	1	CLIP	
	5	1	5P-9085	4	CLIP	
	6	1	6V-1572	2	CLIP (SLOT)	
	7	1	6V-1573	2	CLIP (TAB)	
	8	1	6V-1574	2	GROMMET	
M	9	1	6V-1820	2	BOLT (M10X1.5X30-MM)	
	10	1	7K-1181	2	STRAP-CABLE	
	11	1	8C-7528	1	CLIP	
	12	1	8M-2773	5	CLIP	
	13	1	8T-4121	5	WASHER-HARD (11X21X2.5-MM THK)	
M	14	1	8T-4133	2	NUT (M10X1.5-THD)	
M	15	1	8T-4137	3	BOLT (M10X1.5X20-MM)	

M-METRIC PART



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g01257028

ELECTRICAL AND STARTING SYSTEM

286-7245 WIRING GP-TILT REGEN CONTROL

S/N: BXY2733-3999

PART OF 284-2987 ELECTRICAL AR

SMCS-1408

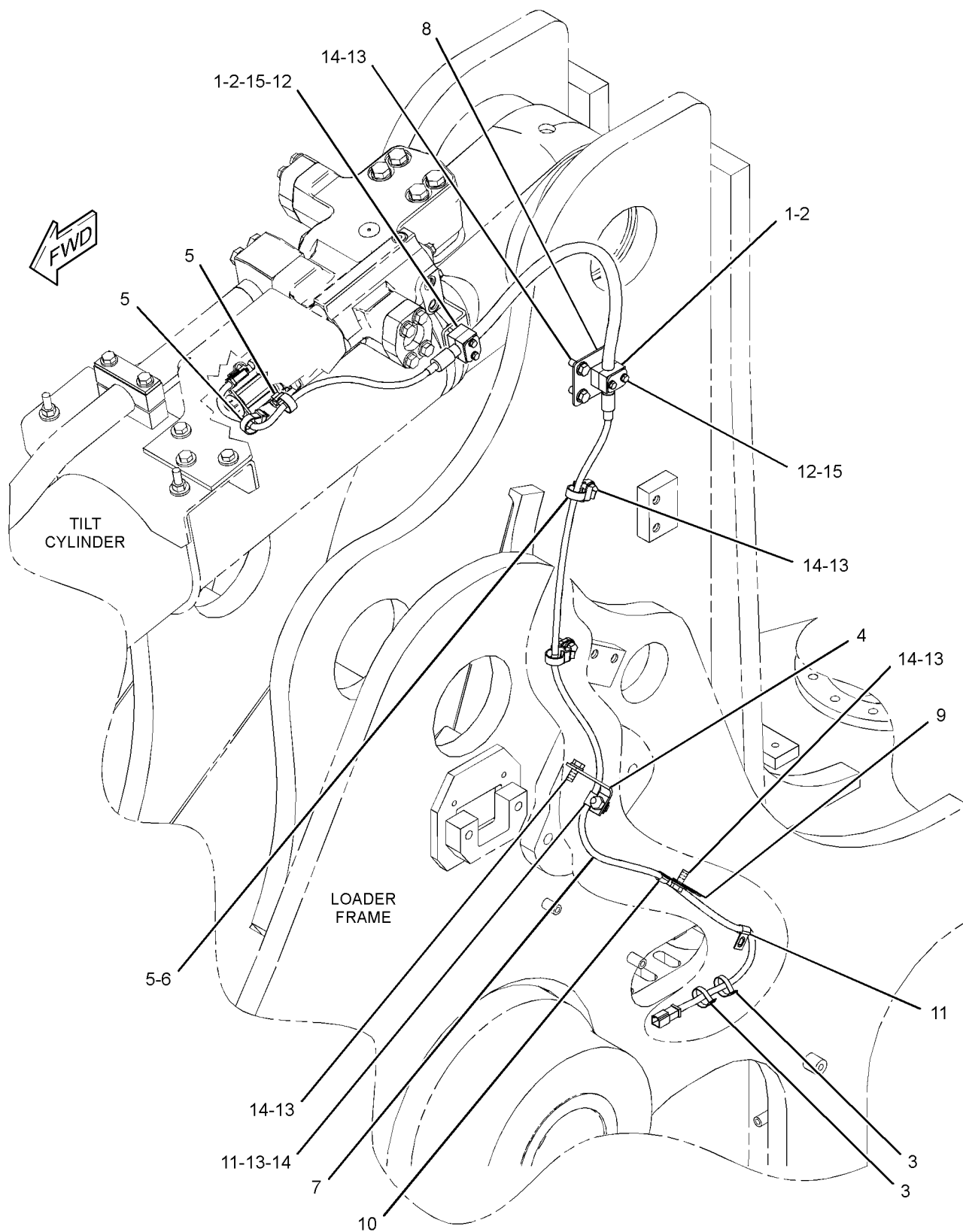
i03370764

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	4V-1939	4	CLAMP	
	2	1	107-4749	1	PLATE	
	3	1	9X-6772	2	STRAP-CABLE	
	4	1	174-4613	1	ANGLE AS	
	5	1	204-2281	4	STRAP-TIE	
	6	1	204-8000	2	MOUNT (TIE WRAP)	
	7	1	325-1551	1	HARNESS AS-VALVE (TILT REGENERATION)	
	8	1	327-1154	1	PLATE AS	
	9	1	130-5300	1	CLIP	
	10	1	4D-8123	1	CLIP	
	11	1	5P-9085	2	CLIP	
M	12	1	7X-2534	4	BOLT (M6X1X50-MM)	
	13	1	8T-4121	7	WASHER-HARD (11X21X2.5-MM THK)	
M	14	1	8T-4136	7	BOLT (M10X1.5X25-MM)	
	15	1	9X-8256	4	WASHER (6.6X12X2-MM THK)	
M-METRIC PART						

ELECTRICAL AND STARTING SYSTEM

286-7245 WIRING GP-TILT REGEN CONTROL (contd.)

i03370764



GRAPHIC #1

<END>

g01760994

ELECTRICAL AND STARTING SYSTEM

309-8768 WIRING GP-TRANSMISSION

S/N: BXY1900-UP
PART OF 308-2727 CAB AR
AN ATTACHMENT

SMCS-3104

i02728739

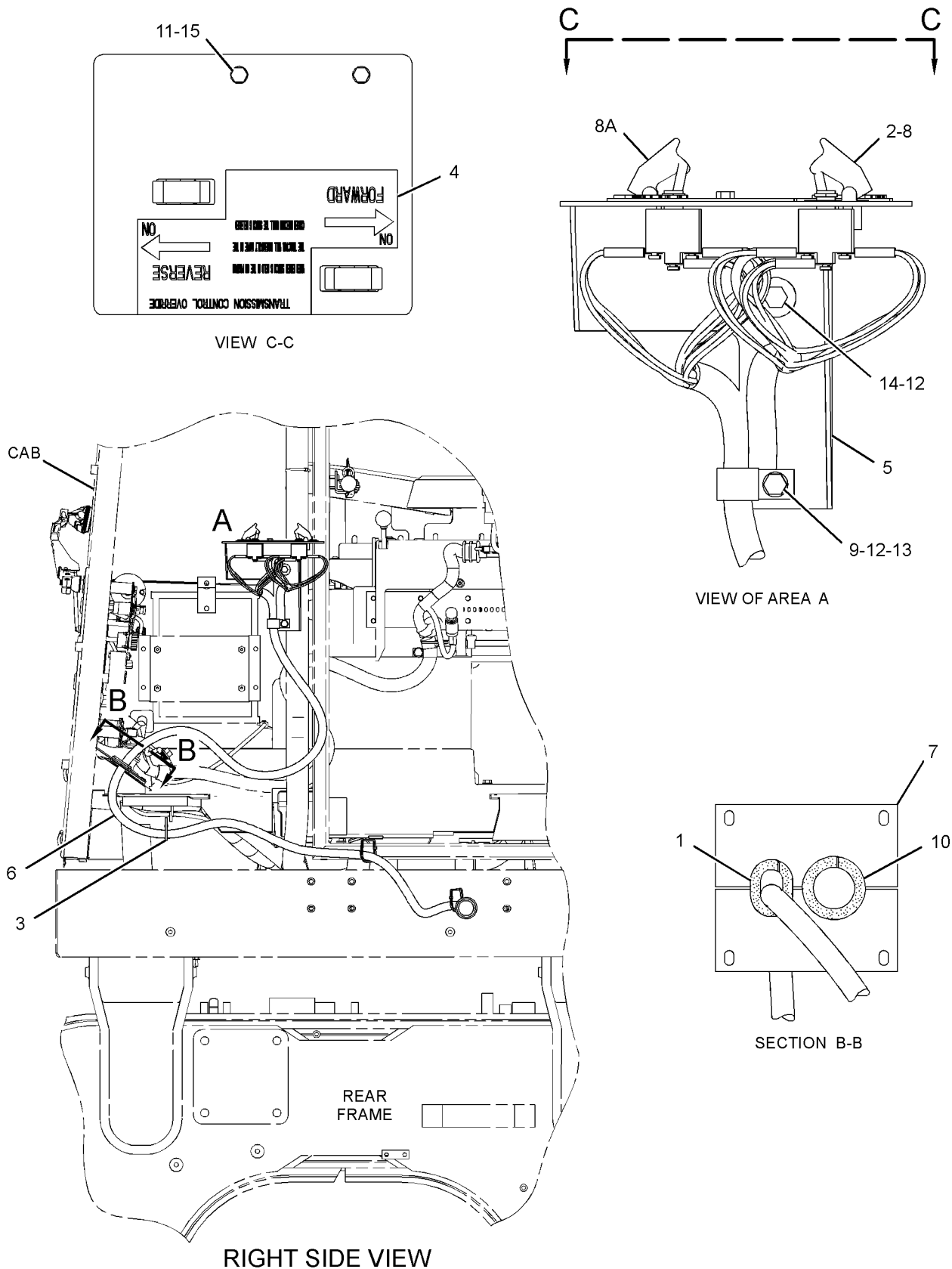
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2D-0388	1	GROMMET						
	2	1	3E-5169	2	GUARD-SWITCH						
	3	1	7K-1181	3	STRAP-CABLE						
	4	1	167-1742	1	FILM-NOTICE (TRANSMISSION CONTROL)						
	5	1	189-7736	1	BRACKET AS						
	6	1	189-7739	1	HARNESS AS-TRANSMISSION (FWD, REV OVERRIDE SWITCHES)						
		1	8N-1529	1	PLUG AS-CONNECTOR (14-PIN)						
		1	8N-1535	1	BELL AS-END						
		1	9X-6772	1	STRAP-CABLE						
	7	1	308-2709	2	PLATE						
	8	1	143-3000	1	SWITCH AS-TOGGLE (TRANSMISSION OVERRIDE, FORWARD)						
	8A	1	143-3000	1	SWITCH AS-TOGGLE (TRANSMISSION OVERRIDE, REVERSE) (EACH SWITCH AS INCLUDES)						
		1	3L-8187	12	LOCKWASHER						
		1	6T-3631	2	NUT-HEX (15/32-32-THD)						
		1	6T-3632	1	LOCKWASHER						
		1	6T-3633	1	RING-LOCKING						
		1	6V-8374	12	SCREW-MACHINE (6-32X0.25-IN)						
	9	1	1S-0994	1	CLIP						
	10	1	7X-4743	1	GROMMET						
M	11	1	8T-4138	2	BOLT (M6X1X20-MM)						
M	12	1	8T-4189	2	BOLT (M8X1.25X20-MM)						
	13	1	8T-4224	1	WASHER-HARD (8.8X16X2-MM THK)						
	14	1	9N-0869	1	WASHER-HARD (8.8X25.5X2-MM THK)						
	15	1	9X-8256	2	WASHER (6.6X12X2-MM THK)						

M-METRIC PART

ELECTRICAL AND STARTING SYSTEM

309-8768 WIRING GP-TRANSMISSION (contd.)

i02728739



GRAPHIC #1

<END>

g01369746

ELECTRICAL AND STARTING SYSTEM

257-4183 WIRING GP-UNIT INJECTOR

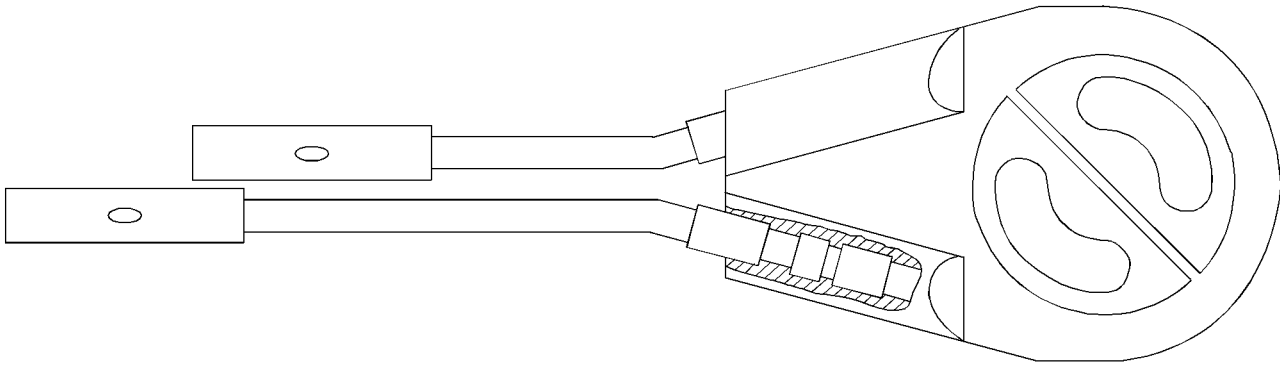
S/N: BXY1-UP

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

SMCS-1290, 1408

i03691128

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>

g01986713

POWER TRAIN

137-8833 AXLE AR-FIXED-FRONT

S/N: BXY1-UP

PART OF 225-5455 POWER TRAIN AR

SMCS-3013, 3278

i01739788

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	137-8862	1	AXLE GP-FIXED (FRONT)						676
Y	161-9275	2	BRAKE GP-SERVICE						1280
Y	137-8851	1	DIFFERENTIAL & BEVEL GEAR GP						712
Y	125-1358	1	LINES GP-SERVICE BRAKE (FRONT AXLE)						1317
YR	192-0822	2	WHEEL & FINAL DRIVE GP						887
R-REMFG PART MAY BE AVAILABLE Y-SEPARATE ILLUSTRATION									

<END>

137-8832 AXLE AR-OSCILLATING-REAR

S/N: BXY1-UP

PART OF 225-5455 POWER TRAIN AR

SMCS-3013, 3278

i01739786

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	137-8834	1	AXLE GP-OSCILLATING (REAR)						677
Y	161-9275	2	BRAKE GP-SERVICE						1280
Y	137-8851	1	DIFFERENTIAL & BEVEL GEAR GP						712
Y	125-1355	1	LINES GP-SERVICE BRAKE (REAR AXLE)						1316
YR	192-0822	2	WHEEL & FINAL DRIVE GP						887
R-REMFG PART MAY BE AVAILABLE Y-SEPARATE ILLUSTRATION									

<END>

POWER TRAIN

137-8862 AXLE GP-FIXED-FRONT

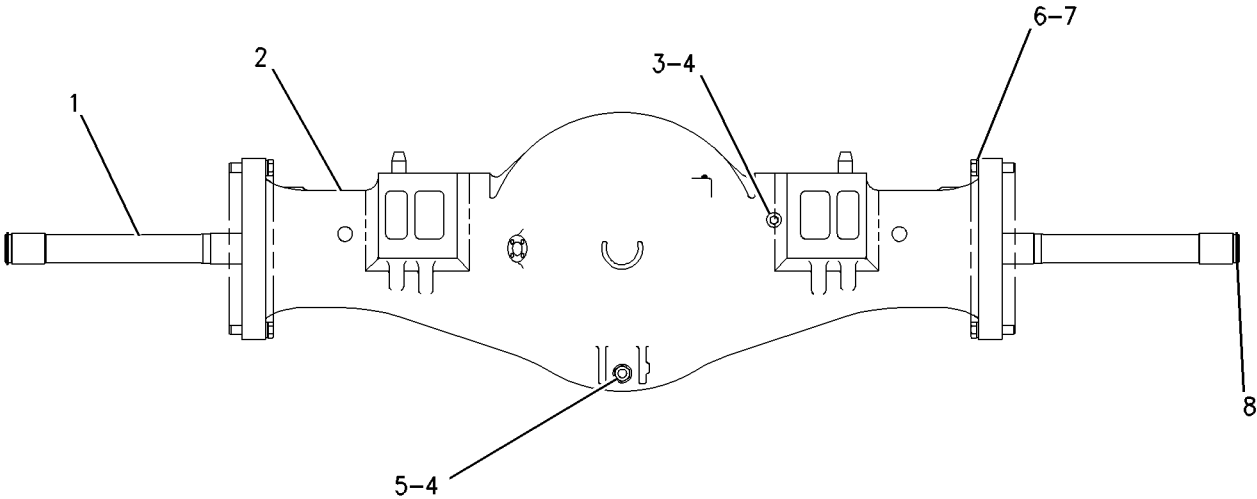
S/N: BXY1-UP

PART OF 137-8833 AXLE AR-FIXED

SMCS-3278

i01574150

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	137-8836	2	SHAFT-AXLE						
	2	1	200-0820	1	HOUSING AS						
		1	6M-1622	2	DOWEL						
	3	1	9S-4205	1	PLUG						
	4	1	7M-8485	2	SEAL-O-RING						
	5	1	5P-4484	1	PLUG-MAGNETIC						
M	6	1	173-9684	50	BOLT (M24X3X100-MM)						
	7	1	5P-6604	50	WASHER-HARD (25.4X40X5-MM THK)						
	8	1	1T-0479	2	RING-RETAINING						
M-METRIC PART											



GRAPHIC #1

<END>

g00817896

POWER TRAIN

137-8834 AXLE GP-OSCILLATING-REAR

S/N: BXY1-UP

PART OF 137-8832 AXLE AR-OSCILLATING

SMCS-3278

i03793691

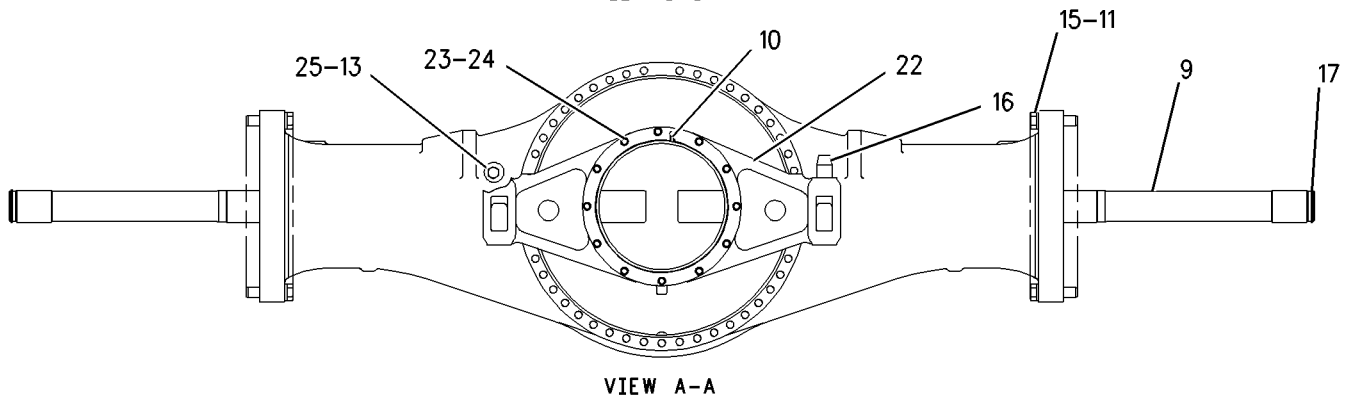
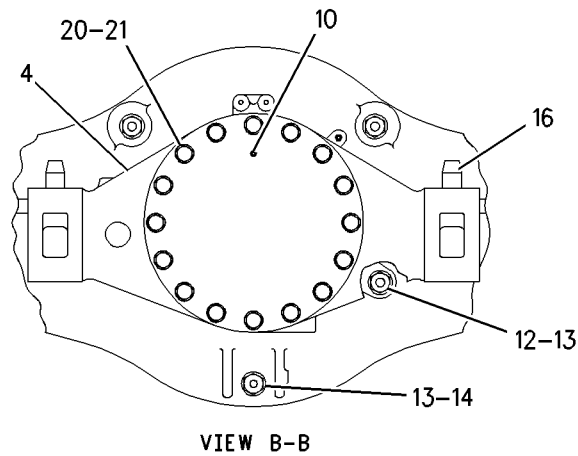
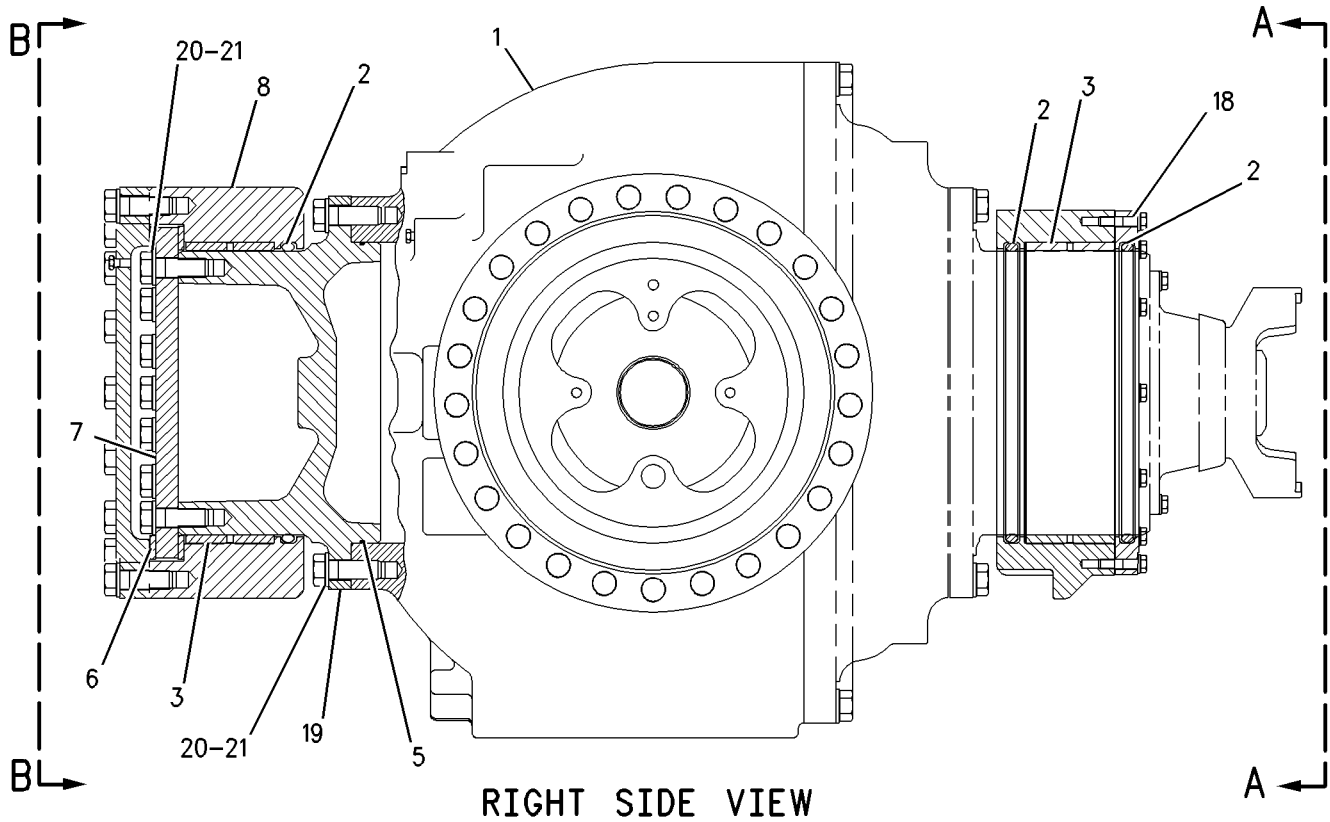
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	222-1549	1	HOUSING-AXLE	
	2	1	9M-6097	3	SEAL-O-RING	
	3	1	220-6043	2	BEARING-SLEEVE	
	4	1	331-6210	1	SUPPORT-TRUNNION	
	5	1	2D-6533	1	SEAL-O-RING	
	6	1	5S-0085	2	BEARING-THRUST	
	7	1	164-4175	1	PLATE-THRUST	
	8	1	164-4156	1	COVER	
	9	1	137-8836	2	SHAFT-AXLE	
	10	1	1K-6853	2	FITTING-GREASE	
	11	1	5P-6604	50	WASHER-HARD (25.4X40X5-MM THK)	
	12	1	9S-4181	1	PLUG-O-RING	
	13	1	7M-8485	3	SEAL-O-RING	
	14	1	5P-4484	1	PLUG-MAGNETIC	
M	15	1	173-9684	50	BOLT (M24X3X100-MM)	
	16	1	6M-1622	4	DOWEL	
	17	1	1T-0479	2	RING-RETAINING	
	18	1	119-4258	1	RETAINER-BEARING	
	19	1	209-6694	1	TRUNNION	
M	20	1	160-8510	54	BOLT (M20X2.5X60-MM)	
	21	1	8T-3282	54	WASHER-HARD (22X35X3.5-MM THK)	
	22	1	331-6206	1	SUPPORT-TRUNNION	
M	23	1	8T-0441	12	BOLT (M10X1.5X45-MM)	
	24	1	8T-4121	12	WASHER-HARD (11X21X2.5-MM THK)	
	25	1	9S-4205	1	PLUG	

M-METRIC PART

POWER TRAIN

137-8834 AXLE GP-OSCILLATING (contd.)

i03793691



GRAPHIC #1

<END>

g00946562

POWER TRAIN

230-6317 CASE & PARTS GP-PLANETARY

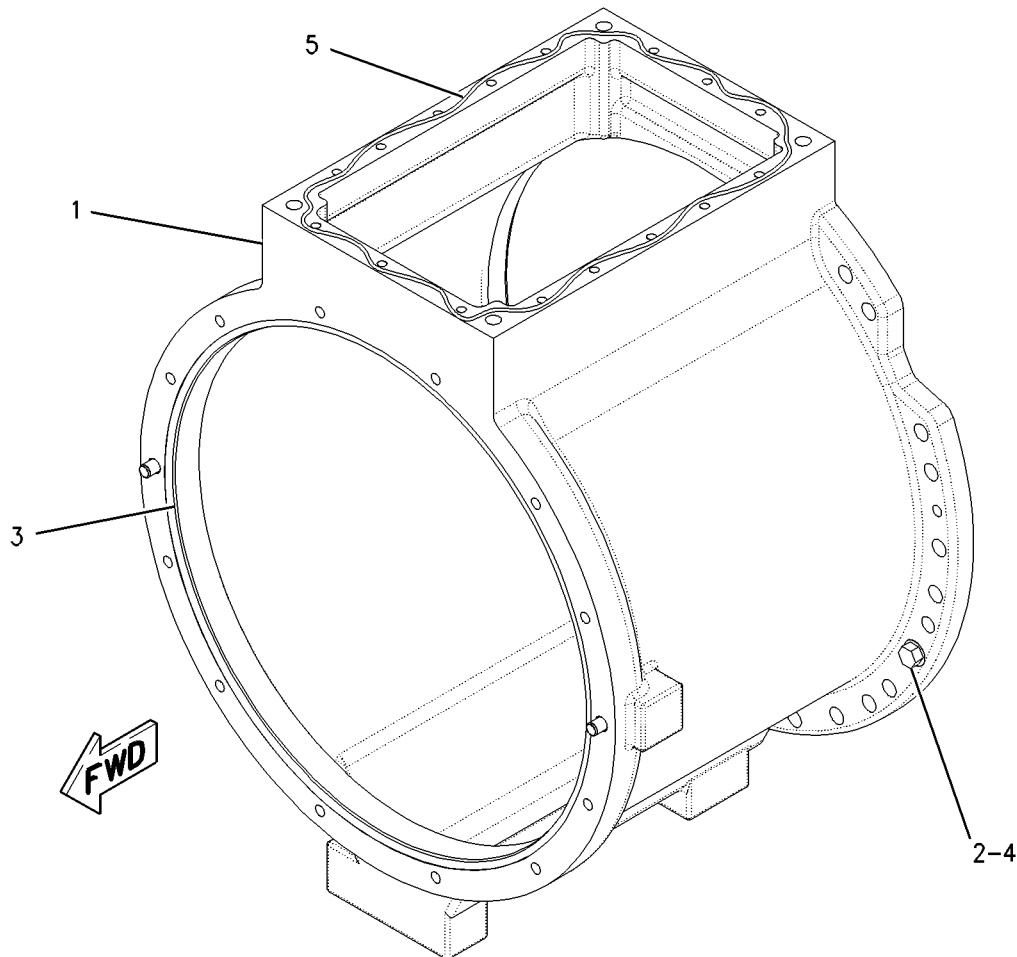
S/N: SMA114-UP; DRT1-UP

PART OF 230-6315, 261-1463 TRANSMISSION AR
ALSO AN ATTACHMENT

SMCS-3064

i01919798

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	231-5295	1	CASE AS-TRANSMISSION						
		1	1A-2223	2	DOWEL						
	2	1	0S-1587	2	BOLT (1/2-13X1.75-IN)						
	3	1	5P-2587	1	SEAL-O-RING						
	4	1	5P-8245	2	WASHER-HARD (13.5X25.5X3-MM THK)						
B	5	1	1U-8846		SEALANT-GASKET						
B-USE AS REQUIRED											



GRAPHIC #1

<END>

g01003868

POWER TRAIN

230-6318 CONTROL GP-TRANSMISSION HYD

S/N: DRT1-1609

PART OF 230-6315 TRANSMISSION AR

SMCS-3073, 3167

i02939150

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	6D-7889	6	SEAL-O-RING	
	2	1	9X-6772	1	STRAP-CABLE	
	3	1	101-9083	1	BRACKET AS	
Y	4	1	118-7226	1	SENSOR GP-TEMPERATURE (TRANSMISSION OIL)	432
	5	1	125-2706	1	PLATE AS	
	6	1	145-9959	1	BRACKET AS	
Y	7	1	244-3114	6	VALVE GP-MODULATING (24-VOLT) (TRANSMISSION CLUTCH)	880
	8	1	231-3529	1	HARNESS AS-TRANSMISSION (CONTROL)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2270	8	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)	
					(EACH KIT PLUG INCLUDES PLUG AS AND WEDGE)	
	9	1	231-4779	1	COVER	
	10	1	231-4780	6	SLEEVE	
	11	1	231-8900	1	TUBE AS	
	12	1	232-1293	1	GASKET	
Y	13	1	233-1704	1	VALVE GP-RELIEF (TRANSMISSION HYDRAULIC CONTROL)	882
	14	1	164-6877	1	ELBOW AS	
		1	3J-1907	1	SEAL-O-RING	
		1	030-7947	1	ELBOW	
	15	1	033-8248	2	CLIP	
	16	1	124-0174	1	CLIP	
	17	1	130-5300	3	CLIP	
	18	1	174-5907	2	CLIP	
	19	1	3J-1907	1	SEAL-O-RING	
	20	1	5P-9085	1	CLIP	
	21	1	6K-9194	1	ELBOW-FLARED	
	22	1	165-4930	1	TEE AS	
		1	3J-1907	1	SEAL-O-RING	
		1	6M-6853	1	TEE-O-RING	
	23	1	6V-3265	1	CLIP	
M	24	1	6V-3303	4	BOLT (M16X2X60-MM)	
	25	1	6V-5839	14	WASHER (11X21X2.5-MM THK)	
M	26	1	6V-5842	16	BOLT (M10X1.5X40-MM)	
	27	1	7B-1597	1	CLIP	
	28	1	5P-6718	12	SEAL-O-RING	
	29	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)	
M	30	1	8T-4136	2	BOLT (M10X1.5X25-MM)	
M	31	1	8T-4137	2	BOLT (M10X1.5X20-MM)	
	32	1	8T-4994	1	WASHER-HARD (20X36.5X3.5-MM THK)	
M	33	1	8T-6869	12	BOLT (M8X1.25X60-MM)	
	34	1	8T-9397	1	BOLT (3/4-10X1.25-IN)	
	35	1	9M-1974	9	WASHER-HARD (8.8X16X2-MM THK)	
	36	1	9X-8268	4	WASHER (17.5X30X3.5-MM THK)	
	37	1	6V-0852	6	CAP-DUST	

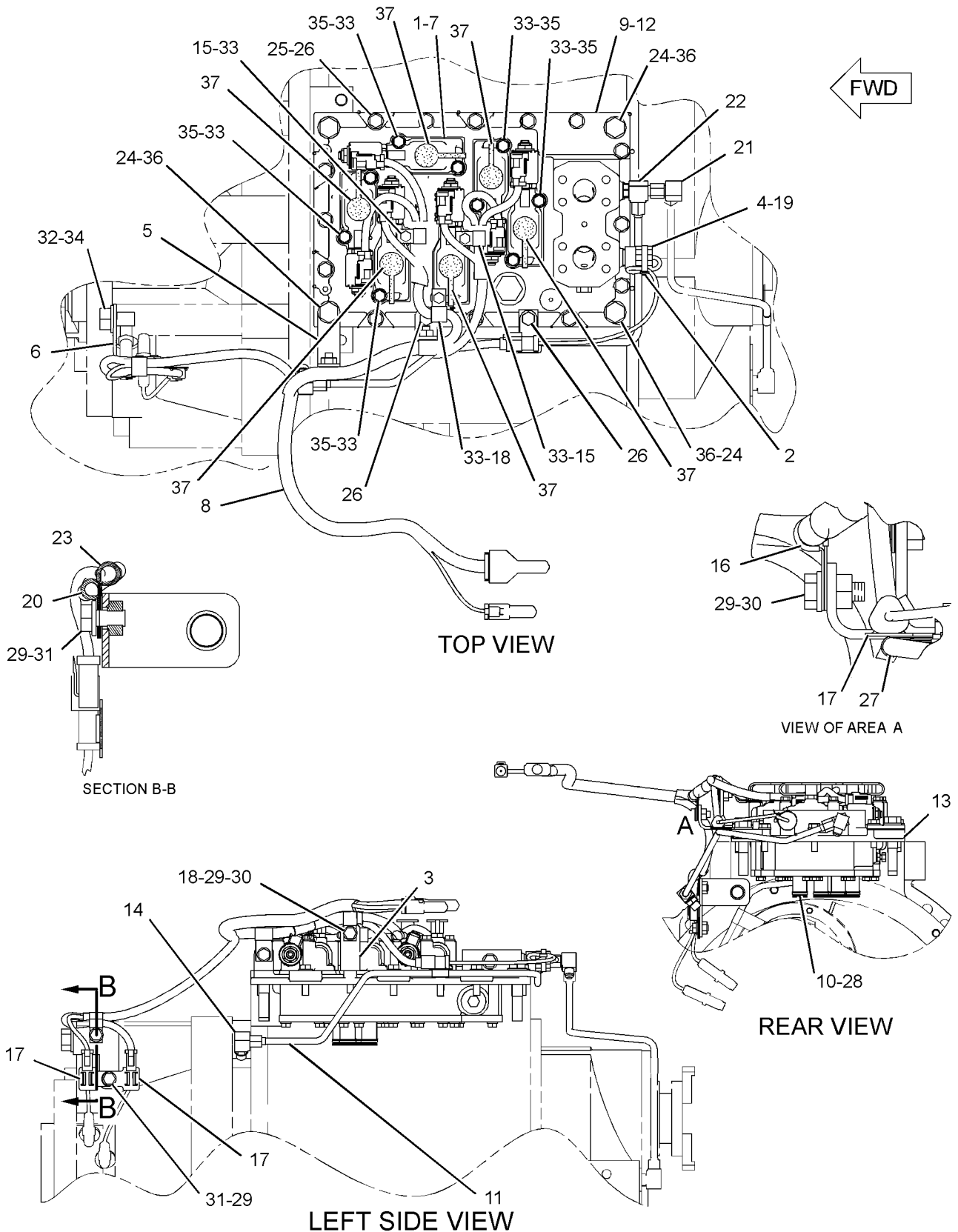
M-METRIC PART

Y-SEPARATE ILLUSTRATION

POWER TRAIN

230-6318 CONTROL GP-TRANSMISSION HYD (contd.)

i02939150



GRAPHIC #1

<END>

g01189151

POWER TRAIN

230-6318 CONTROL GP-TRANSMISSION HYD

S/N: DRT1610-UP

PART OF 230-6315 TRANSMISSION AR

SMCS-3073, 3167

i02946838

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	8	STRAP-CABLE						
	2	1	6D-7889	6	SEAL-O-RING						
	3	1	6V-0852	6	CAP-DUST						
Y	4	1	118-7226	1	SENSOR GP-TEMPERATURE (TRANSMISSION OIL)						432
	5	1	125-2706	1	PLATE AS						
	6	1	145-9959	1	BRACKET AS						
	7	1	231-3529	1	HARNESS AS-TRANSMISSION (CONTROL)						
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
		1	155-2270	8	KIT-CONNECTING PLUG (2-PIN)						
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)						
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
	8	1	231-4779	1	COVER						
	9	1	231-4780	6	SLEEVE						
	10	1	231-8900	1	TUBE AS						
	11	1	232-1293	1	GASKET						
Y	12	1	244-3114	6	VALVE GP-MODULATING (24-VOLT) (TRANSMISSION CLUTCH)						880
CY	13	1	295-1145	1	VALVE GP-TRANSMISSION CONTROL						885
	14	1	124-0174	1	CLIP						
	15	1	130-5300	3	CLIP						
C	16	1	132-5789	5	CLIP						
	17	1	164-6877	1	ELBOW AS						
		1	3J-1907	1	SEAL-O-RING						
		1	030-7947	1	ELBOW						
	18	1	165-4930	1	TEE AS						
		1	3J-1907	1	SEAL-O-RING						
		1	6M-6853	1	TEE-O-RING						
	19	1	3J-1907	1	SEAL-O-RING						
	20	1	5P-6718	12	SEAL-O-RING						
	21	1	6K-9194	1	ELBOW-FLARED						
M	22	1	6V-3303	4	BOLT (M16X2X60-MM)						
C	23	1	6V-5839	15	WASHER (11X21X2.5-MM THK)						
M	24	1	6V-5842	16	BOLT (M10X1.5X40-MM)						
	25	1	7B-1597	1	CLIP						
C	26	1	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)						
CM	27	1	8T-4136	1	BOLT (M10X1.5X25-MM)						
M	28	1	8T-4137	2	BOLT (M10X1.5X20-MM)						
	29	1	8T-4994	1	WASHER-HARD (20X36.5X3.5-MM THK)						
M	30	1	8T-6869	12	BOLT (M8X1.25X60-MM)						
	31	1	8T-9397	1	BOLT (3/4-10X1.25-IN)						
C	32	1	9M-1974	12	WASHER-HARD (8.8X16X2-MM THK)						
	33	1	9X-8268	4	WASHER (17.5X30X3.5-MM THK)						

C-CHANGE FROM PREVIOUS TYPE

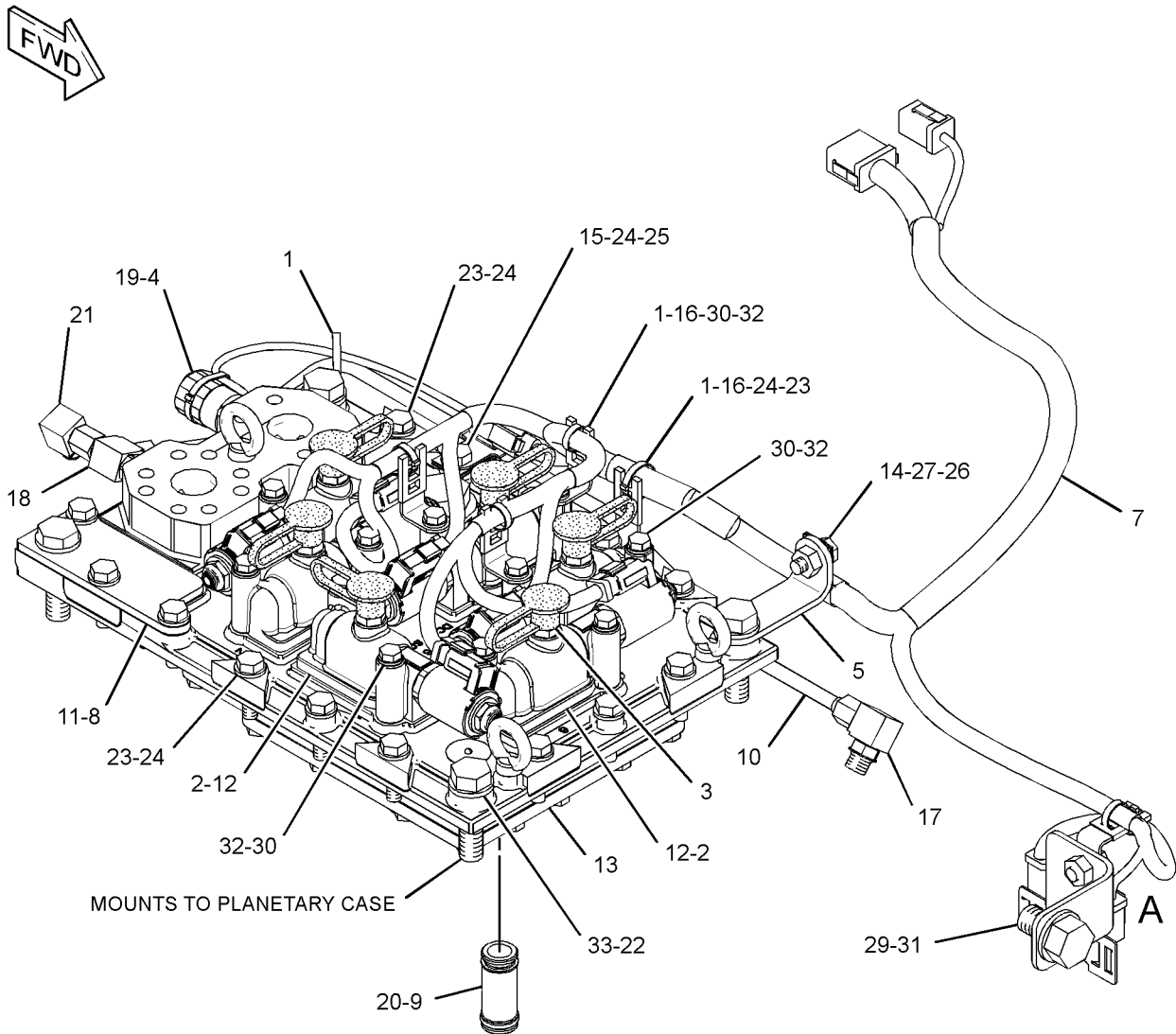
M-METRIC PART

Y-SEPARATE ILLUSTRATION

POWER TRAIN

230-6318 CONTROL GP-TRANSMISSION HYD (contd.)

i02946838



GRAPHIC #1

<END>

g01502342

POWER TRAIN

261-2893 CONTROL GP-TRANSMISSION HYD

S/N: SMA114-146

PART OF 261-1463 TRANSMISSION AR
AN ATTACHMENT

SMCS-3073, 3167

i02939152

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6D-7889	6	SEAL-O-RING						
	2	1	9X-6772	1	STRAP-CABLE						
	3	1	101-9083	2	BRACKET AS						
Y	4	1	118-7226	1	SENSOR GP-TEMPERATURE (TRANSMISSION OIL)						432
	5	1	125-2706	1	PLATE AS						
	6	1	145-9959	1	BRACKET AS						
Y	7	1	244-3114	6	VALVE GP-MODULATING (24-VOLT) (TRANSMISSION CLUTCH)						880
	8	1	263-3217	1	HARNESS AS-TRANSMISSION (CONTROL)						
		1	155-2270	6	KIT-CONNECTING PLUG (2-PIN) (EACH INCLUDES PLUG AS & WEDGE)						
	8A	1	274-5643	1	HARNESS AS-TRANSMISSION (SENSORS)						
		1	155-2257	1	KIT-CONNECTING PLUG (12-PIN)						
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
		1	155-2270	2	KIT-CONNECTING PLUG (2-PIN)						
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN) (EACH PLUG KIT INCLUDES PLUG AS & WEDGE)						
	9	1	231-4779	1	COVER						
	10	1	231-4780	6	SLEEVE						
	11	1	231-8900	1	TUBE AS						
	12	1	232-1293	1	GASKET						
Y	13	1	233-1704	1	VALVE GP-RELIEF (TRANSMISSION HYDRAULIC CONTROL)						882
	14	1	164-6877	1	ELBOW AS						
		1	3J-1907	1	SEAL-O-RING						
		1	030-7947	1	ELBOW						
	15	1	033-8248	2	CLIP						
	16	1	124-0174	1	CLIP						
	17	1	130-5300	3	CLIP						
	18	1	174-5907	2	CLIP						
	19	1	3J-1907	1	SEAL-O-RING						
	20	1	5P-9085	1	CLIP						
	21	1	6K-9194	1	ELBOW-FLARED						
	22	1	165-4930	1	TEE AS						
		1	3J-1907	1	SEAL-O-RING						
		1	6M-6853	1	TEE-O-RING						
	23	1	6V-3265	1	CLIP						
M	24	1	6V-3303	4	BOLT (M16X2X60-MM)						
	25	1	6V-5839	14	WASHER (11X21X2.5-MM THK)						
M	26	1	6V-5842	16	BOLT (M10X1.5X40-MM)						
	27	1	7B-1597	1	CLIP						
	28	1	5P-6718	12	SEAL-O-RING						
	29	1	8T-4121	5	WASHER-HARD (11X21X2.5-MM THK)						
M	30	1	8T-4136	3	BOLT (M10X1.5X25-MM)						
M	31	1	8T-4137	2	BOLT (M10X1.5X20-MM)						
	32	1	8T-4994	1	WASHER-HARD (20X36.5X3.5-MM THK)						
M	33	1	8T-6869	12	BOLT (M8X1.25X60-MM)						
	34	1	8T-9397	1	BOLT (3/4-10X1.25-IN)						
	35	1	9M-1974	9	WASHER-HARD (8.8X16X2-MM THK)						
	36	1	9X-8268	4	WASHER (17.5X30X3.5-MM THK)						
	37	1	6V-0852	6	CAP-DUST						
F			104-6729	1	RETAINER						

F-NOT SHOWN

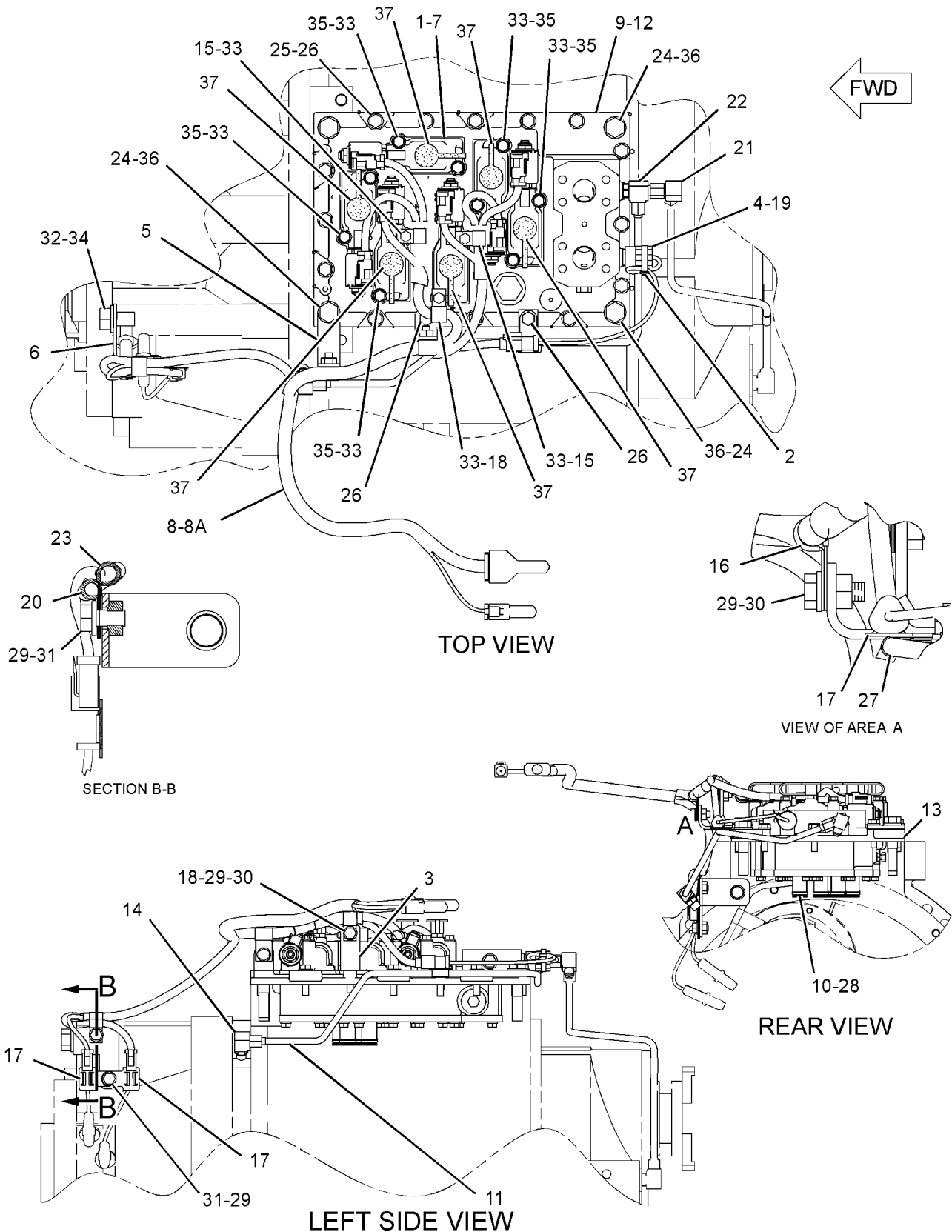
M-METRIC PART

Y-SEPARATE ILLUSTRATION

POWER TRAIN

261-2893 CONTROL GP-TRANSMISSION HYD (contd.)

i02939152



GRAPHIC #1

<END>

g01209041

POWER TRAIN

261-2893 CONTROL GP-TRANSMISSION HYD

S/N: SMA147-UP

PART OF 261-1463 TRANSMISSION AR
AN ATTACHMENT

SMCS-3073, 3167

i02946850

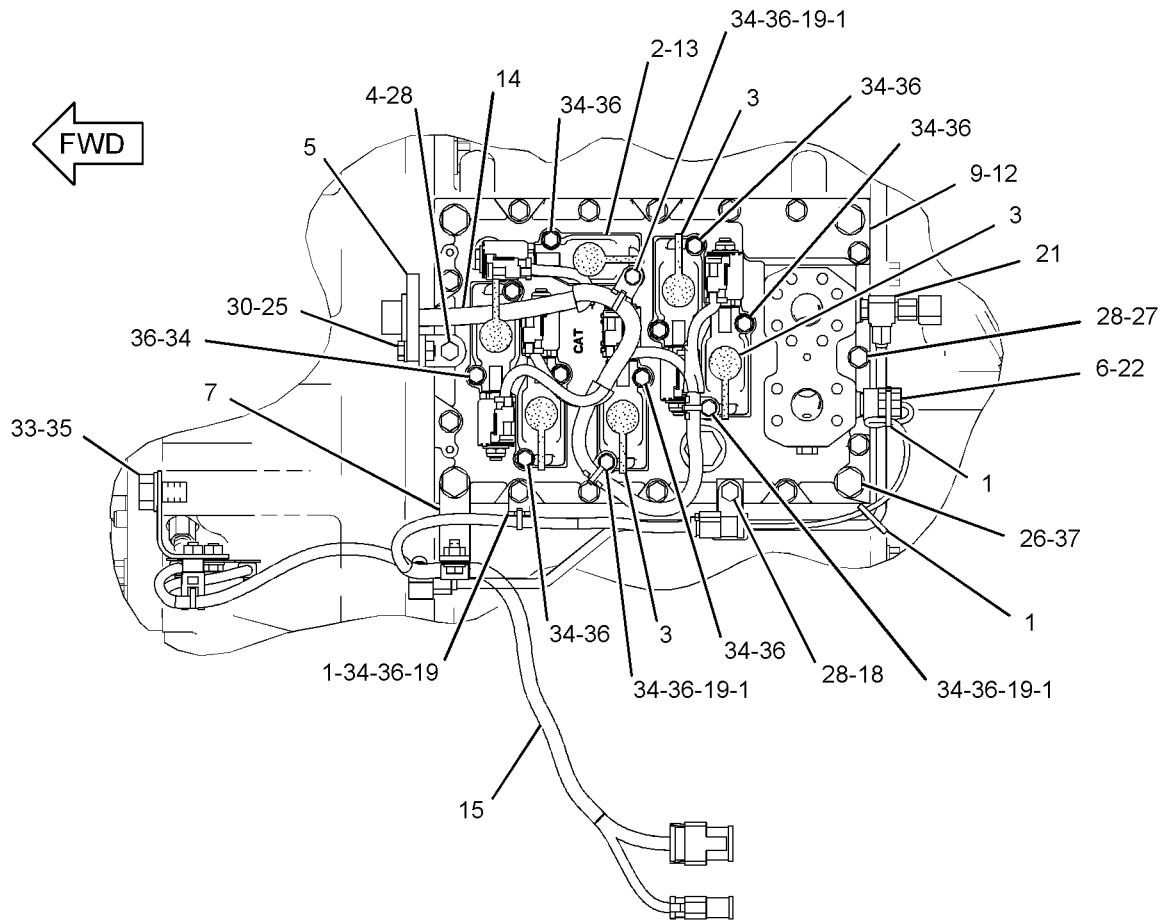
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	3S-2093	7	STRAP-CABLE	
	2	1	6D-7889	6	SEAL-O-RING	
	3	1	6V-0852	6	CAP-DUST	
C	4	1	101-9083	1	BRACKET AS	
	5	1	104-6729	1	RETAINER	
Y	6	1	118-7226	1	SENSOR GP-TEMPERATURE (TRANSMISSION OIL)	432
	7	1	125-2706	1	PLATE AS	
	8	1	145-9959	1	BRACKET AS	
	9	1	231-4779	1	COVER	
	10	1	231-4780	6	SLEEVE	
	11	1	231-8900	1	TUBE AS	
	12	1	232-1293	1	GASKET	
Y	13	1	244-3114	6	VALVE GP-MODULATING (24-VOLT) (TRANSMISSION CLUTCH)	880
	14	1	263-3217	1	HARNESS AS-TRANSMISSION (CONTROL)	
		1	155-2270	6	KIT-CONNECTING PLUG (2-PIN) (EACH INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
	15	1	274-5643	1	HARNESS AS-TRANSMISSION (SENSORS)	
		1	155-2257	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	2	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN) (EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
	16	1	295-1145	1	VALVE GP-TRANSMISSION CONTROL	885
	17	1	124-0174	1	CLIP	
C	18	1	130-5300	3	CLIP	
	19	1	132-5789	5	CLIP	
	20	1	164-6877	1	ELBOW AS	
		1	3J-1907	1	SEAL-O-RING	
		1	030-7947	1	ELBOW	
	21	1	165-4930	1	TEE AS	
		1	3J-1907	1	SEAL-O-RING	
		1	6M-6853	1	TEE-O-RING	
	22	1	3J-1907	1	SEAL-O-RING	
	23	1	5P-6718	12	SEAL-O-RING	
	24	1	6K-9194	1	ELBOW-FLARED	
	25	1	6V-1820	1	BOLT (M10X1.5X30-MM)	
CM	26	1	6V-3303	4	BOLT (M16X2X60-MM)	
M	27	1	6V-5839	14	WASHER (11X21X2.5-MM THK)	
M	28	1	6V-5842	16	BOLT (M10X1.5X40-MM)	
	29	1	7B-1597	1	CLIP	
C	30	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)	
CM	31	1	8T-4136	1	BOLT (M10X1.5X25-MM)	
M	32	1	8T-4137	2	BOLT (M10X1.5X20-MM)	
	33	1	8T-4994	1	WASHER-HARD (20X36.5X3.5-MM THK)	
M	34	1	8T-6869	12	BOLT (M8X1.25X60-MM)	
	35	1	8T-9397	1	BOLT (3/4-10X1.25-IN)	
C	36	1	9M-1974	12	WASHER-HARD (8.8X16X2-MM THK)	
	37	1	9X-8268	4	WASHER (17.5X30X3.5-MM THK)	

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

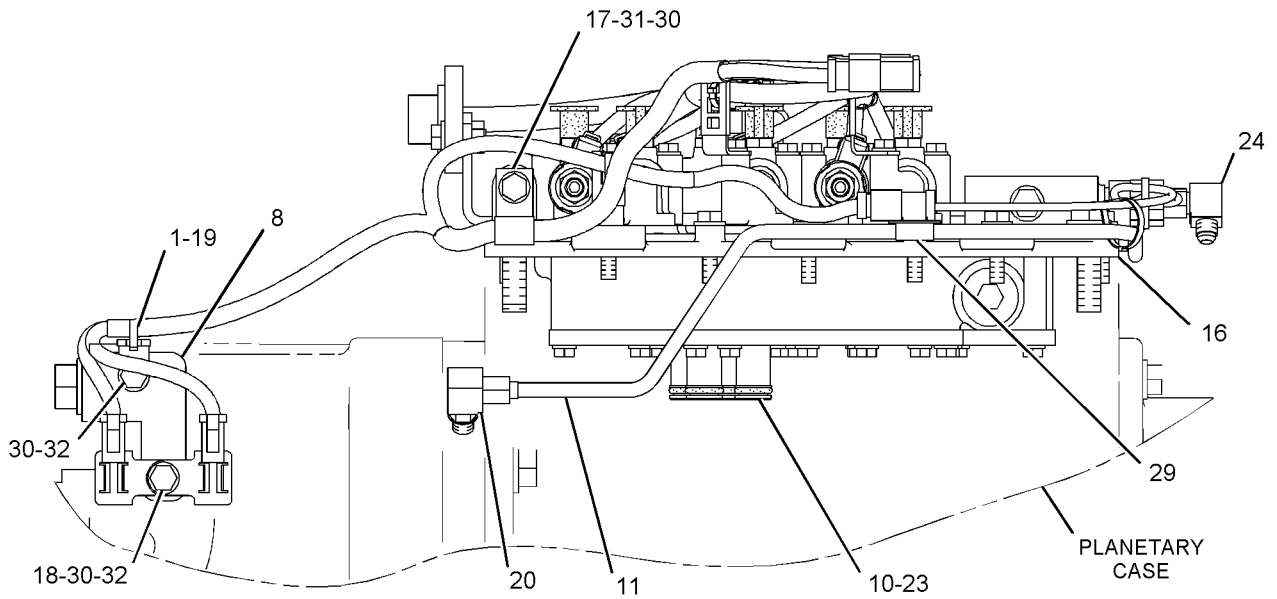
POWER TRAIN

261-2893 CONTROL GP-TRANSMISSION HYD (contd.)

i02946850



TOP VIEW



LEFT SIDE VIEW

GRAPHIC #1

<END>

g01706833

POWER TRAIN

257-7815 COOLER & FAN GP-AXLE OIL

S/N: BXY1-1099

PART OF 257-7805 COOLER GP-AXLE OIL
AN ATTACHMENT

SMCS-1356, 1365

i02742353

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	3	6S-6251	4	MOUNT						
	2	2	138-2237	1	SHROUD AS						
	3	1	138-2238	1	GUARD AS						
Y	4	2	138-2239	1	FAN GP-SUCTION (AXLE OIL COOLER)						163
	6	1	173-6706	1	BAR						
	7	3	173-6753	1	CORE AS-AXLE OIL COOLER						
	8	2	178-1602	1	MOTOR GP-GEAR (AXLE OIL COOLER FAN)						
	9	3	202-3702	2	ELBOW AS						
					(EACH INCLUDES)						
		3	3D-2824	1	SEAL-O-RING						
		3	6V-9007	1	ELBOW						
		3	6V-9746	1	SEAL-O-RING						
	10	3	216-4884	2	BRACKET AS						
	11	3	216-4889	1	SUPPORT AS						
Y	12	1	230-3633	2	FILTER GP-OIL (SCREEN) (AXLE OIL COOLER)						721
	13	3	246-4547	1	TUBE AS						
	14	1	246-4548	1	TUBE AS						
	15	2	246-4549	1	TUBE AS						
	16	1	246-4551	1	TUBE AS						
	17	1	246-4552	1	BRACKET						
	18	1	246-4553	2	PLATE						
	19	3	257-7809	1	TUBE AS						
	20	2	257-7811	1	TUBE AS						
	21	1	148-8335	1	CONNECTOR AS						
		1	5K-9090	1	SEAL-O-RING						
		1	6V-8635	1	CONNECTOR						
		1	7M-8485	1	SEAL-O-RING						
22	2		148-8347	1	ELBOW AS						
		2	3D-2824	1	SEAL-O-RING						
		2	6V-9007	1	ELBOW						
		2	6V-9746	1	SEAL-O-RING						
23	3		148-8352	1	ELBOW AS						
		3	5K-9090	1	SEAL-O-RING						
		3	6V-9854	1	ELBOW						
24	3		148-8360	1	ELBOW AS						
		3	6V-9182	1	ELBOW						
		3	6V-9746	1	SEAL-O-RING						
		3	7M-8485	1	SEAL-O-RING						
25	2		148-8361	1	ELBOW AS						
		2	3J-7354	1	SEAL-O-RING						
		2	6V-8397	1	SEAL-O-RING						
		2	6V-9200	1	ELBOW						
26	3		148-8362	2	ELBOW AS						
					(EACH INCLUDES)						
		3	3D-2824	1	SEAL-O-RING						
		3	5K-9090	1	SEAL-O-RING						
		3	8T-6684	1	ELBOW						
27	1		148-8376	3	ELBOW AS						
					(EACH INCLUDES)						
		1	6V-8983	1	ELBOW						
		1	6V-9746	2	SEAL-O-RING						
28	2		148-8417	1	REDUCER AS						
		2	6V-8397	1	SEAL-O-RING						
		2	6V-8941	1	REDUCER						
29	2		148-8442	1	TEE AS						

POWER TRAIN

257-7815 COOLER & FAN GP-AXLE OIL (contd.)

i02742353

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	6V-9746	2	SEAL-O-RING						
		2	7M-8485	1	SEAL-O-RING						
		2	8T-1685	1	TEE						
	30	1	150-4049	1	ELBOW AS						
		1	6V-9746	1	SEAL-O-RING						
		1	7M-8485	1	SEAL-O-RING						
		1	8T-4149	1	ELBOW						
	31	1	155-7328	1	ELBOW AS						
		1	5P-7701	1	SEAL-O-RING						
		1	6V-9008	1	ELBOW						
		1	8C-3093	1	SEAL-O-RING						
	32	1	2H-3926	3	LOCKWASHER						
	33	1	2P-1293	3	LOCKNUT (1-3/16-12-THD)						
	34	3	5P-1076	4	WASHER-HARD (13.5X30X4-MM THK)						
	35	1	5P-4116	8	WASHER-HARD (8.8X20.5X2-MM THK)						
	36	1	5P-4295	1	CLIP						
	37	3	7X-0618	4	WASHER-HARD (13.5X40X5-MM THK)						
	38	1,3	7X-7729	8	WASHER (11X25X3-MM THK)						
	40	1,2	8T-4121	10	WASHER-HARD (11X21X2.5-MM THK)						
M	42	1,2,3	8T-4136	16	BOLT (M10X1.5X25-MM)						
M	43	1,3	8T-4139	8	BOLT (M12X1.75X30-MM)						
M	44	1	8T-4183	2	BOLT (M12X1.75X40-MM)						
M	45	1	8T-4189	8	BOLT (M8X1.25X20-MM)						
M	46	3	8T-4194	4	BOLT (M12X1.75X50-MM)						
M	48	2	8T-4196	2	BOLT (M10X1.5X35-MM)						
	49	1	8T-4223	6	WASHER-HARD (13.5X25.5X3-MM THK)						
	50	2	8T-4224	1	WASHER-HARD (8.8X16X2-MM THK)						
M	51	2	8T-7547	1	BOLT (M8X1.25X30-MM)						
	52	2	9X-6580	1	NUT (1-3/16-12-THD)						
D	53	3	5P-5755	1	SEAL (0.49-M)						
D	53A	3	5P-5755	2	SEAL (0.52-M EACH)						
D	54	3	5P-5639	1	SEAL (0.64-M)						
D	54A	3	5P-5639	1	SEAL (0.57-M)						
D	54B	3	5P-5639	2	SEAL (0.56-M EACH)						

D-ORDER BY THE METER

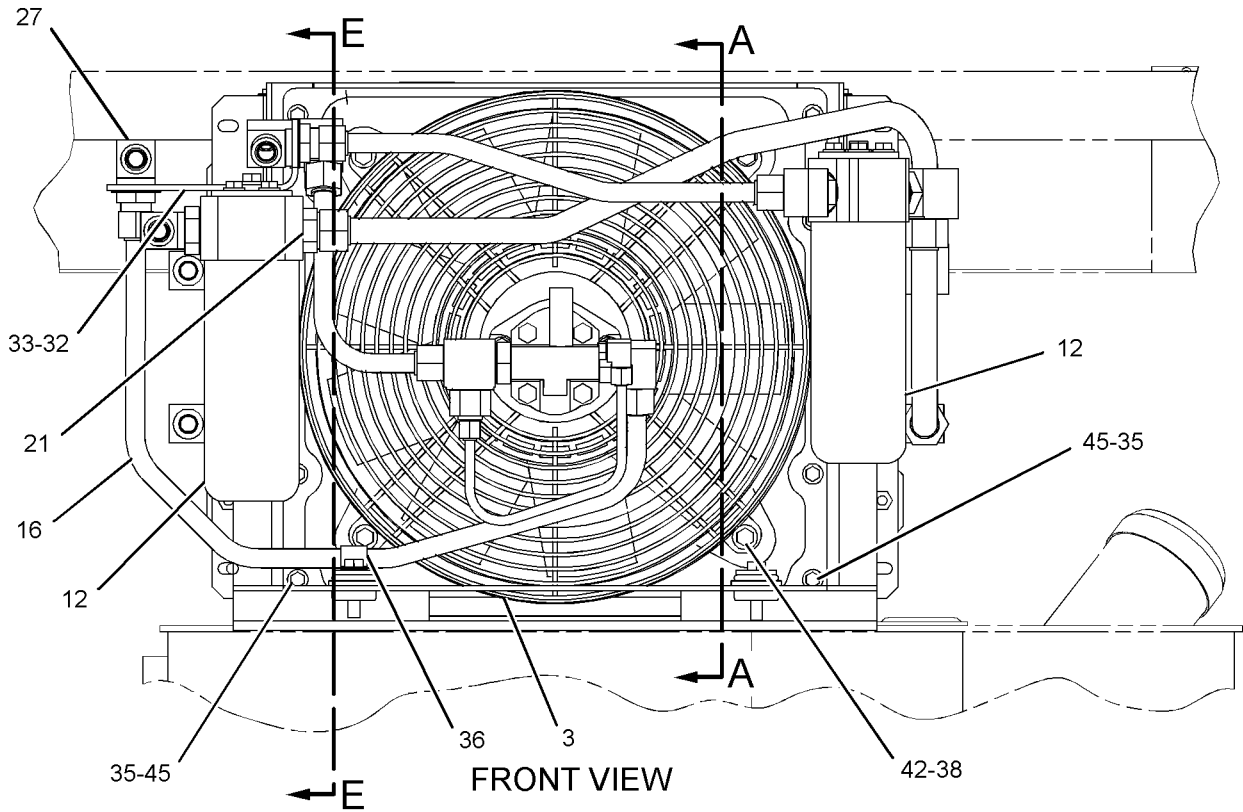
M-METRIC PART

Y-SEPARATE ILLUSTRATION

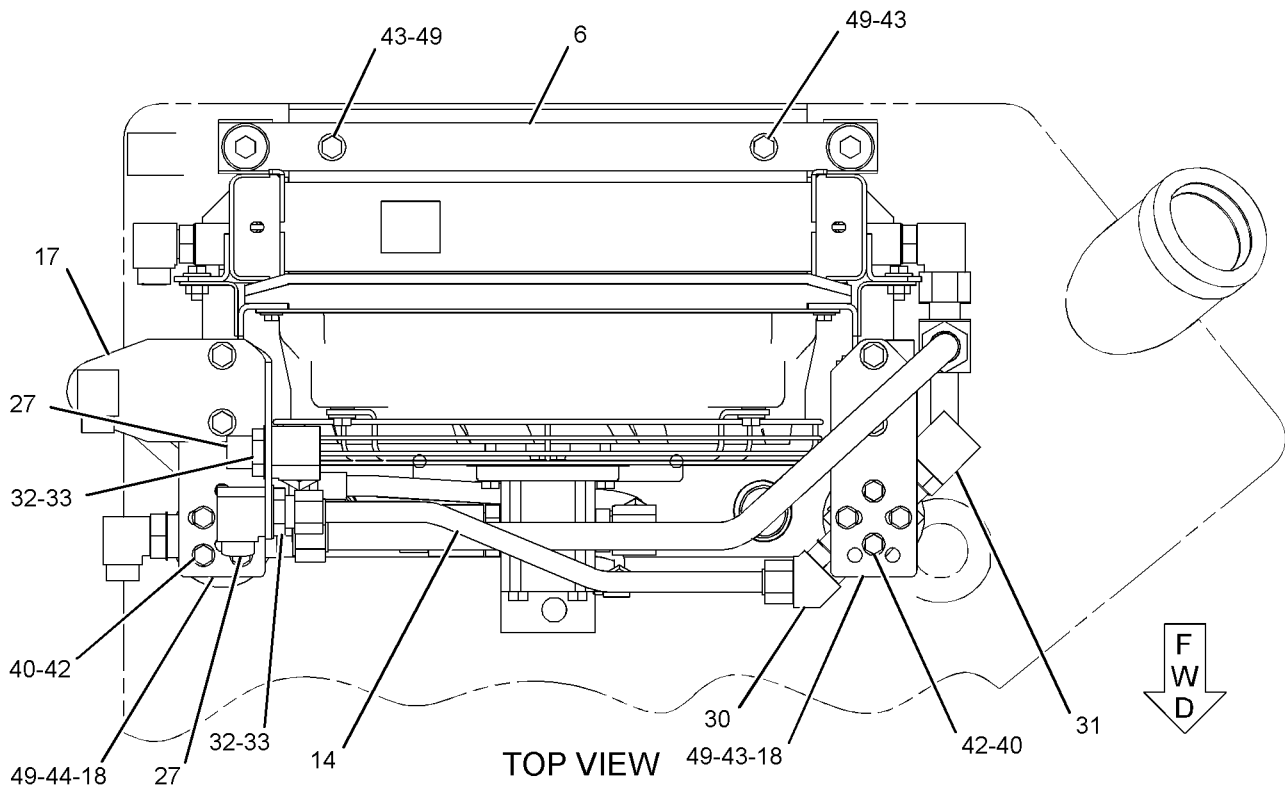
POWER TRAIN

257-7815 COOLER & FAN GP-AXLE OIL (contd.)

i02742353



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



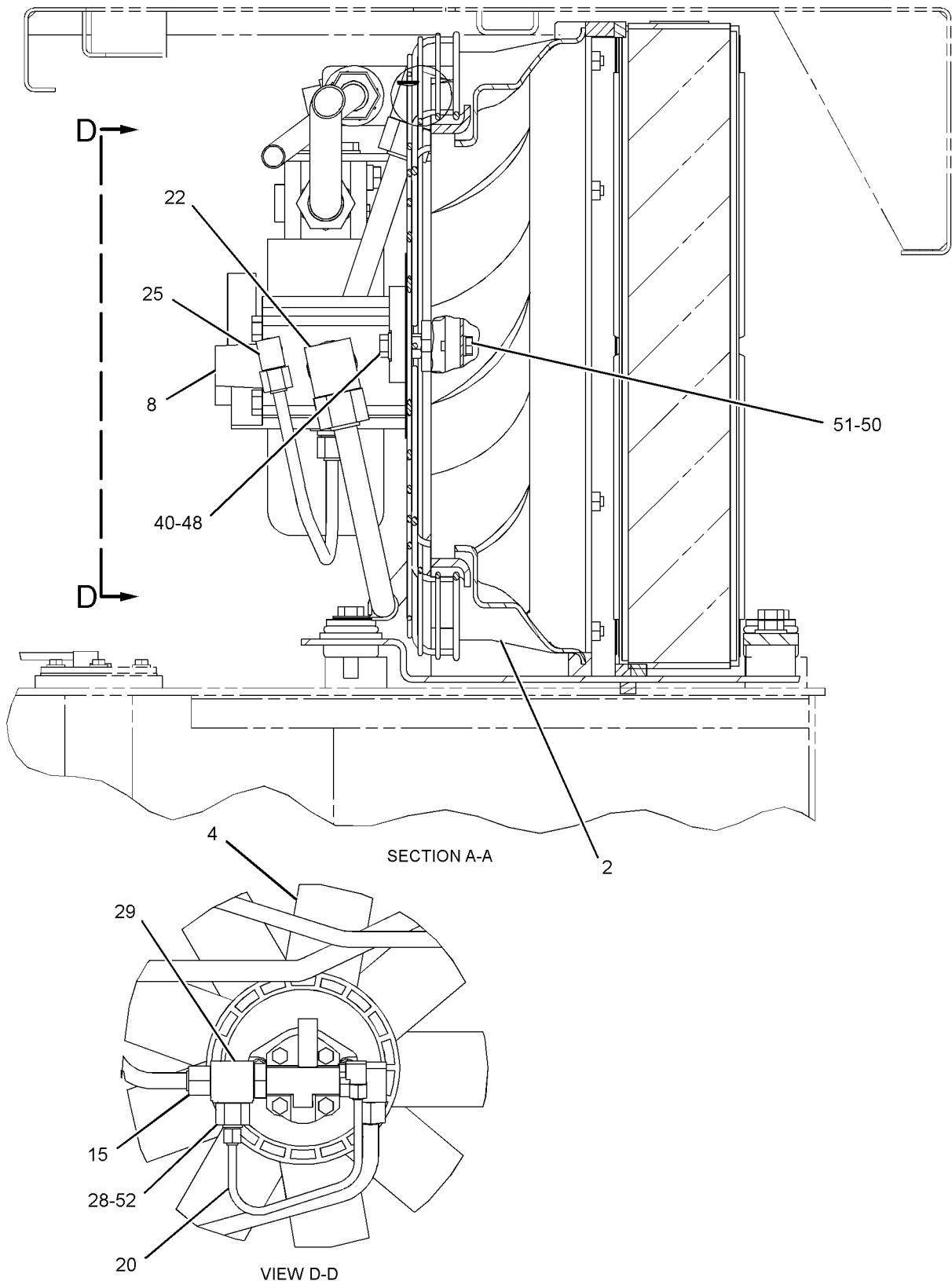
GRAPHIC #1

g01189210

POWER TRAIN

257-7815 COOLER & FAN GP-AXLE OIL (contd.)

i02742353



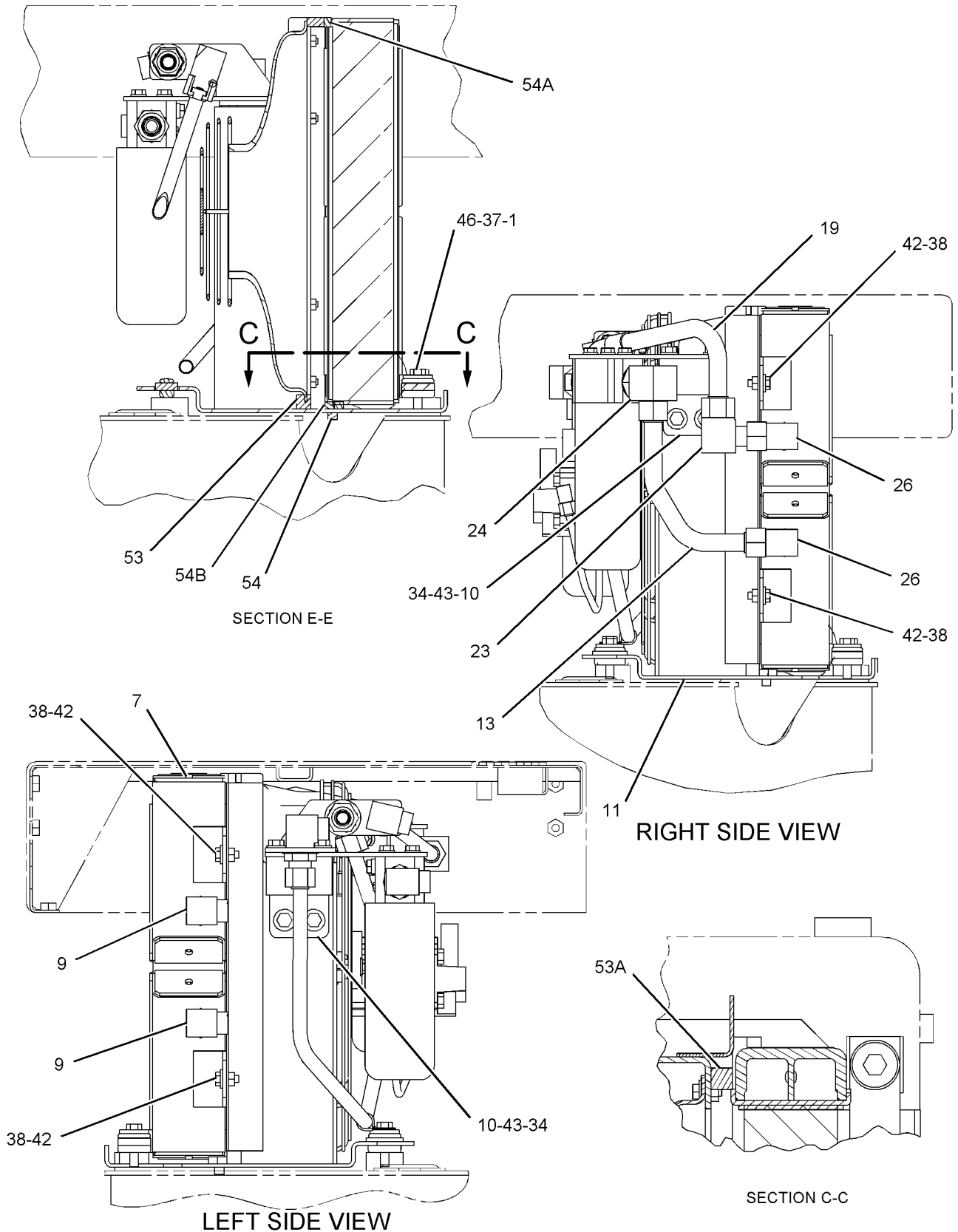
GRAPHIC #2

g01189215

POWER TRAIN

257-7815 COOLER & FAN GP-AXLE OIL (contd.)

i02742353



GRAPHIC #3

<END>

g01119401

POWER TRAIN

257-7815 COOLER & FAN GP-AXLE OIL

S/N: BXY1100-1200

PART OF 257-7805 COOLER GP-AXLE OIL
AN ATTACHMENT

SMCS-1356, 1365

i02742355

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	6S-6251	4	MOUNT	
C	2	1	9T-5134	1	VALVE-CHECK (AXLE OIL COOLER FILTER BYPASS)	
	3	3	138-2237	1	SHROUD AS	
	4	1	138-2238	1	GUARD AS	
Y	5	3	138-2239	1	FAN GP-SUCTION (AXLE OIL COOLER)	163
	6	1	173-6706	1	BAR	
	7	2	173-6753	1	CORE AS-AXLE OIL COOLER	
CY	8	3	176-6448	1	VALVE GP-CHECK (AXLE OIL COOLER FILTER BYPASS)	877
	9	3	178-1602	1	MOTOR GP-GEAR (AXLE OIL COOLER FAN)	
C	10	3	194-1497	1	TEE AS	
		3	3D-2824	1	SEAL-O-RING	
		3	6V-9746	1	SEAL-O-RING	
		3	8T-8900	1	TEE-O-RING PORT	
	11	2	202-3702	2	ELBOW AS (EACH INCLUDES)	
		2	3D-2824	1	SEAL-O-RING	
		2	6V-9007	1	ELBOW	
		2	6V-9746	1	SEAL-O-RING	
	12	2	216-4884	2	BRACKET AS	
	13	2	216-4889	1	SUPPORT AS	
Y	14	1	230-3633	2	FILTER GP-OIL (SCREEN) (AXLE OIL COOLER)	721
	15	2	246-4547	1	TUBE AS	
	16	1	246-4548	1	TUBE AS	
	17	1	246-4552	1	BRACKET	
	18	1	246-4553	2	PLATE	
	19	2	257-7809	1	TUBE AS	
C	20	1	291-4392	1	TUBE AS	
C	21	3	291-4397	1	TUBE AS	
C	22	3	291-4398	1	TUBE AS	
C	23	2	291-4399	1	TUBE AS	
C	24	1	291-4400	1	TUBE AS	
	25	1	148-8335	1	CONNECTOR AS	
		1	5K-9090	1	SEAL-O-RING	
		1	6V-8635	1	CONNECTOR	
		1	7M-8485	1	SEAL-O-RING	
C	26	1	148-8339	1	CONNECTOR AS	
		1	6V-8716	1	CONNECTOR	
		1	6V-9746	1	SEAL-O-RING	
		1	7M-8485	1	SEAL-O-RING	
	27	2	148-8352	1	ELBOW AS	
		2	5K-9090	1	SEAL-O-RING	
		2	6V-9854	1	ELBOW	
	28	1	148-8360	1	ELBOW AS	
		1	6V-9182	1	ELBOW	
		1	6V-9746	1	SEAL-O-RING	
		1	7M-8485	1	SEAL-O-RING	
	29	3	148-8361	1	ELBOW AS	
		3	3J-7354	1	SEAL-O-RING	
		3	6V-8397	1	SEAL-O-RING	
		3	6V-9200	1	ELBOW	
	30	2	148-8362	2	ELBOW AS (EACH INCLUDES)	
		2	3D-2824	1	SEAL-O-RING	
		2	5K-9090	1	SEAL-O-RING	

POWER TRAIN

257-7815 COOLER & FAN GP-AXLE OIL (contd.)

i02742355

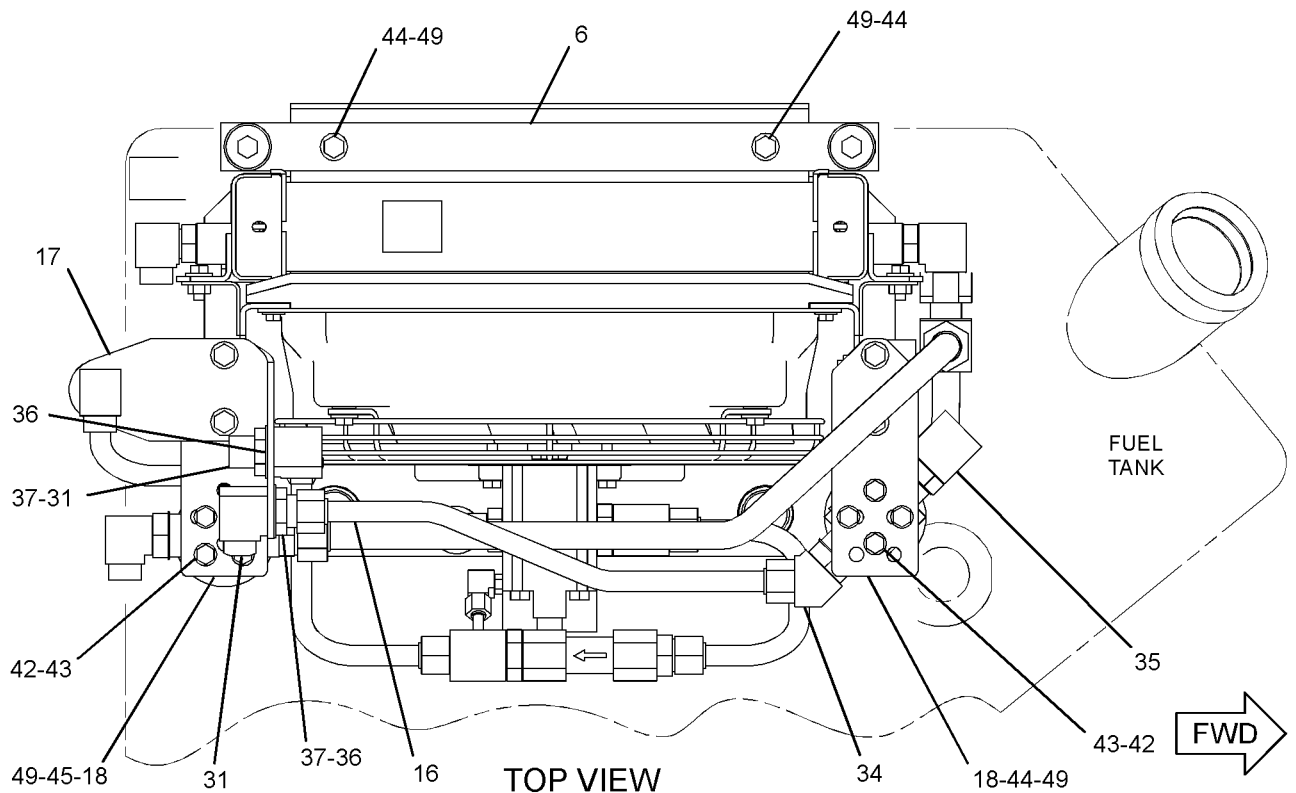
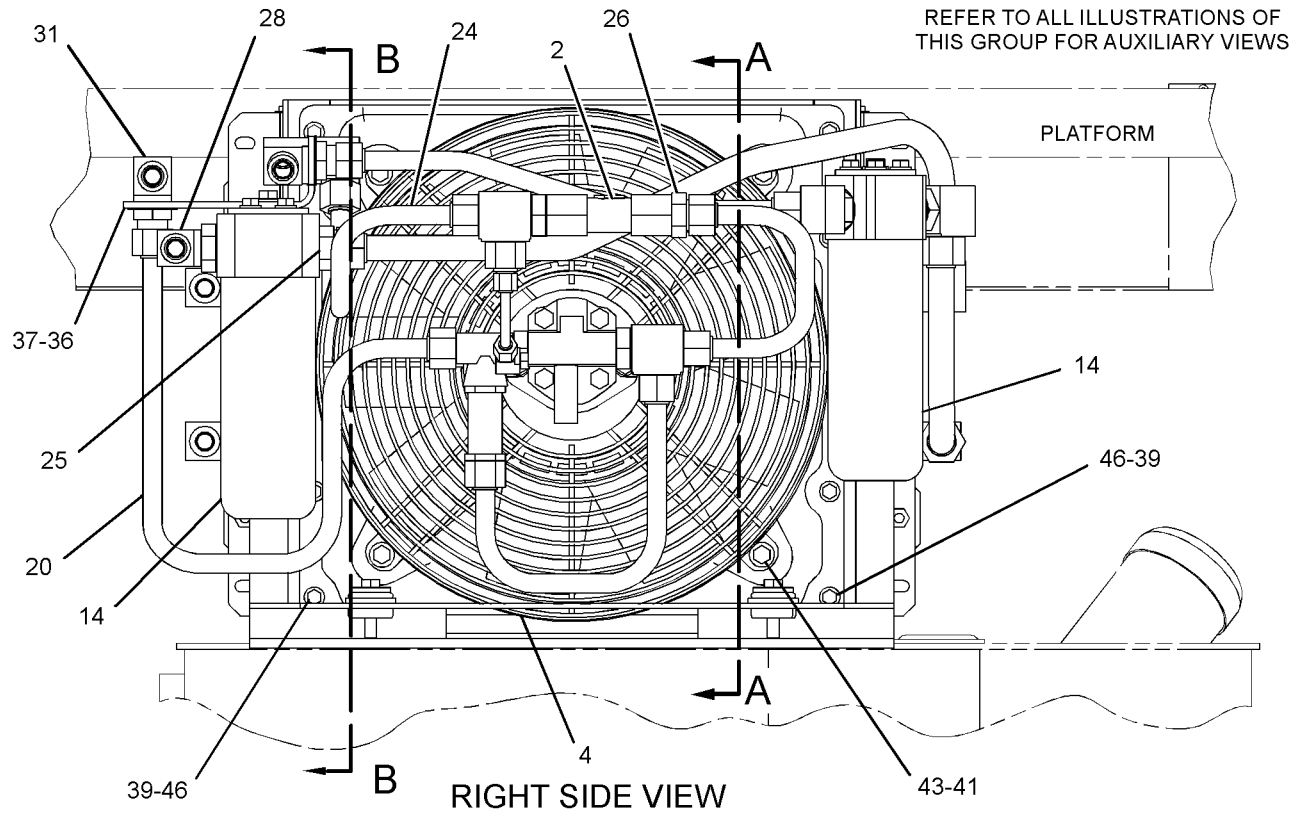
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	8T-6684	1	ELBOW						
	31	1	148-8376	3	ELBOW AS						
					(EACH INCLUDES)						
		1	6V-8983	1	ELBOW						
		1	6V-9746	2	SEAL-O-RING						
	32	3	148-8417	1	REDUCER AS						
		3	6V-8397	1	SEAL-O-RING						
		3	6V-8941	1	REDUCER						
C	33	3	148-8442	2	TEE AS						
					(EACH INCLUDES)						
		3	6V-9746	2	SEAL-O-RING						
		3	7M-8485	1	SEAL-O-RING						
		3	8T-1685	1	TEE						
	34	1	150-4049	1	ELBOW AS						
		1	6V-9746	1	SEAL-O-RING						
		1	7M-8485	1	SEAL-O-RING						
		1	8T-4149	1	ELBOW						
	35	1	155-7328	1	ELBOW AS						
		1	5P-7701	1	SEAL-O-RING						
		1	6V-9008	1	ELBOW						
		1	8C-3093	1	SEAL-O-RING						
	36	1	2H-3926	3	LOCKWASHER						
	37	1	2P-1293	3	LOCKNUT (1-3/16-12-THD)						
	38	2	5P-1076	4	WASHER-HARD (13.5X30X4-MM THK)						
	39	1	5P-4116	8	WASHER-HARD (8.8X20.5X2-MM THK)						
	40	2	7X-0618	4	WASHER-HARD (13.5X40X5-MM THK)						
	41	1,2	7X-7729	8	WASHER (11X25X3-MM THK)						
	42	1,3	8T-4121	10	WASHER-HARD (11X21X2.5-MM THK)						
M	43	1,2	8T-4136	16	BOLT (M10X1.5X25-MM)						
M	44	1,2	8T-4139	8	BOLT (M12X1.75X30-MM)						
M	45	1	8T-4183	2	BOLT (M12X1.75X40-MM)						
M	46	1	8T-4189	8	BOLT (M8X1.25X20-MM)						
M	47	2	8T-4194	4	BOLT (M12X1.75X50-MM)						
M	48	3	8T-4196	2	BOLT (M10X1.5X35-MM)						
	49	1	8T-4223	6	WASHER-HARD (13.5X25.5X3-MM THK)						
	50	3	8T-4224	1	WASHER-HARD (8.8X16X2-MM THK)						
M	51	3	8T-7547	1	BOLT (M8X1.25X30-MM)						
	52	3	9X-6580	1	NUT (1-3/16-12-THD)						
D	53	2	5P-5755		SEAL (0.5-M)						
D	53A	2	5P-5755		SEAL (0.6-M EACH)						
D	54	2	5P-5639		SEAL (0.7-M)						
D	54A	2	5P-5639		SEAL (0.6-M EACH)						

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

POWER TRAIN

257-7815 COOLER & FAN GP-AXLE OIL (contd.)

i02742355



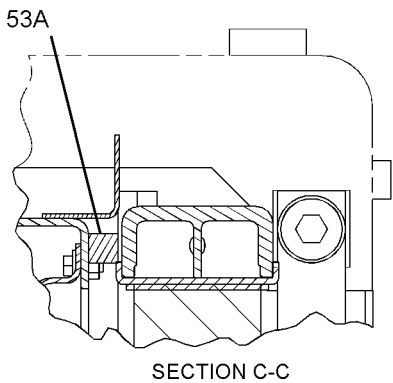
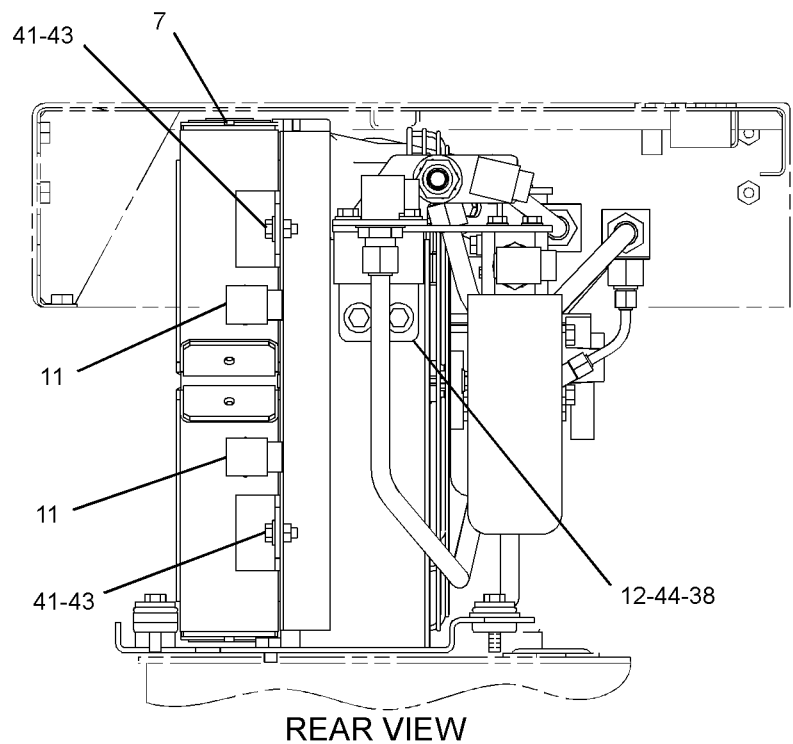
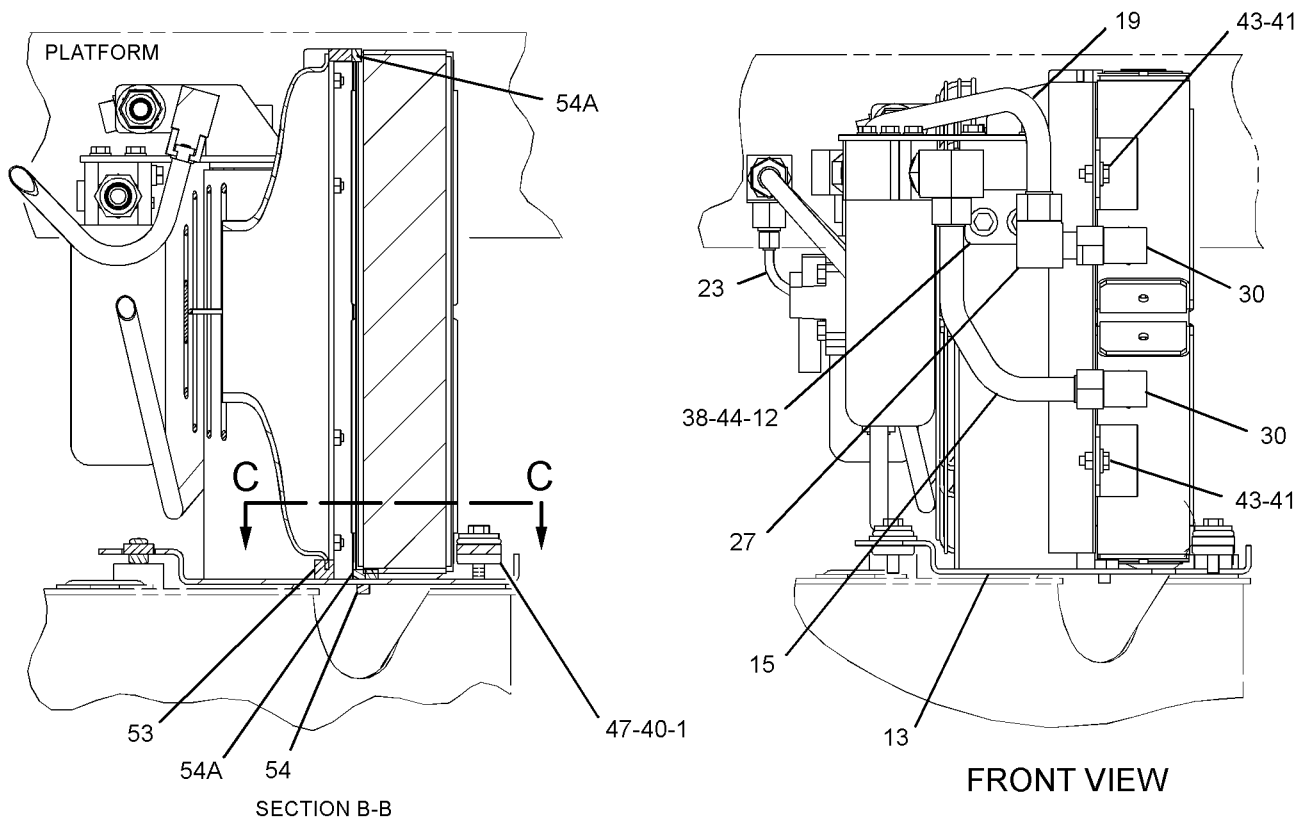
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g01338544

POWER TRAIN

257-7815 COOLER & FAN GP-AXLE OIL (contd.)

i02742355



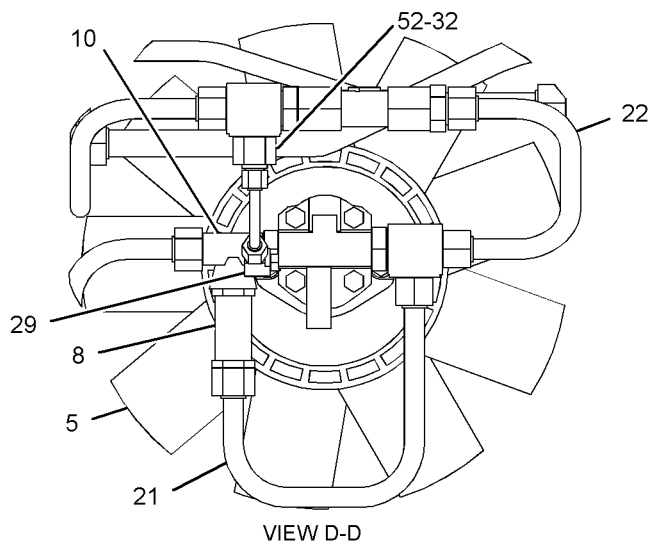
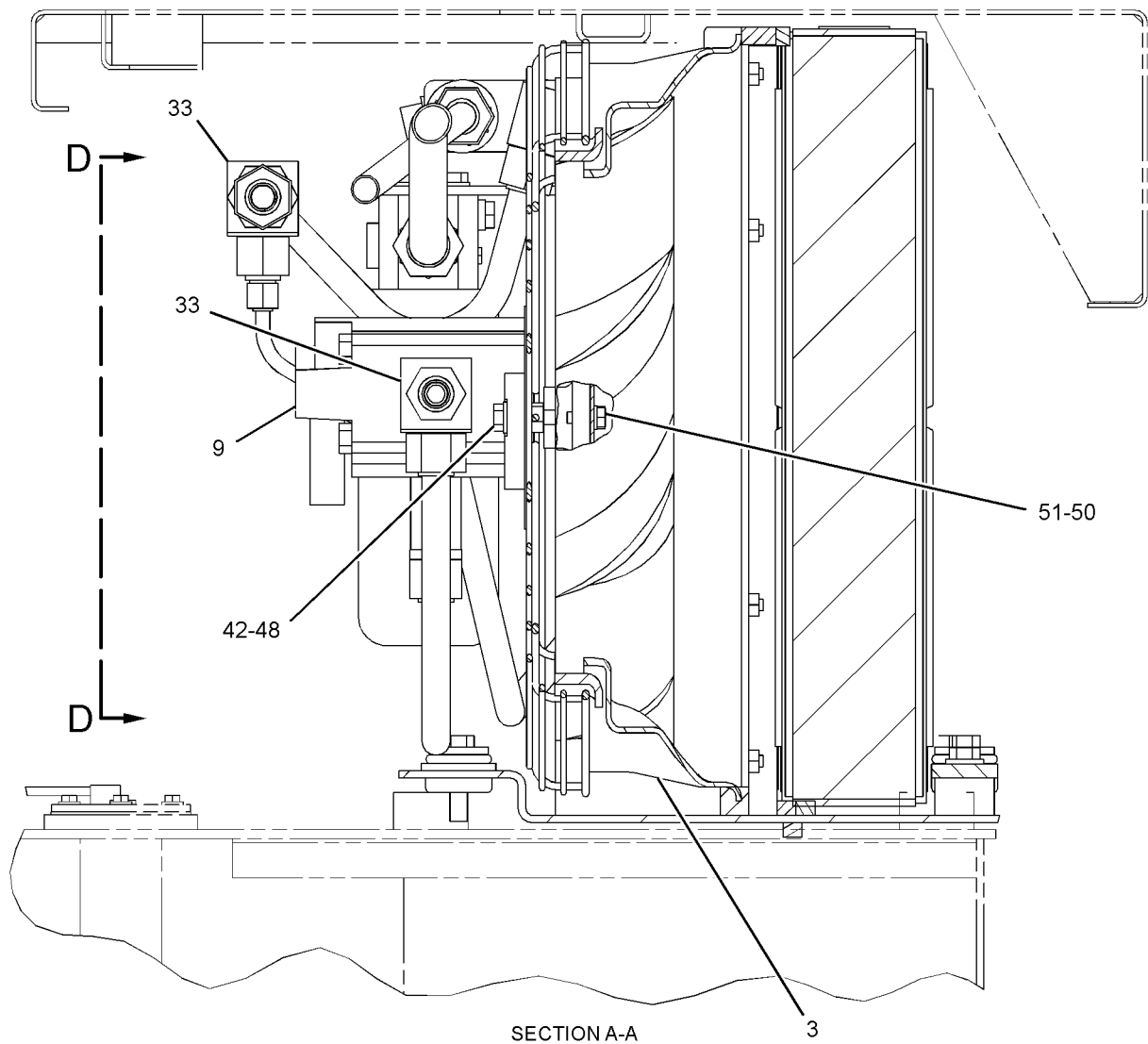
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g01365410

POWER TRAIN

257-7815 COOLER & FAN GP-AXLE OIL (contd.)

i02742355



GRAPHIC #3

<END>

g01338542

POWER TRAIN

257-7815 COOLER & FAN GP-AXLE OIL

S/N: BXY1201-UP

PART OF 257-7805 COOLER GP-AXLE OIL
AN ATTACHMENT

SMCS-1356, 1365

i02933488

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	6S-6251	4	MOUNT						
	2	1	9T-5134	1	VALVE-CHECK (AXLE OIL COOLER FILTER BYPASS)						
	3	3	138-2237	1	SHROUD AS						
	4	1	138-2238	1	GUARD AS						
Y	5	3	138-2239	1	FAN GP-SUCTION (AXLE OIL COOLER)						163
	6	1	173-6706	1	BAR						
	7	2	173-6753	1	CORE AS-AXLE OIL COOLER						
Y	8	3	176-6448	1	VALVE GP-CHECK (AXLE OIL COOLER FILTER BYPASS)						877
	9	3	178-1602	1	MOTOR GP-GEAR (AXLE OIL COOLER FAN)						
	10	3	194-1497	1	TEE AS						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-9746	1	SEAL-O-RING						
		1	8T-8900	1	TEE-O-RING PORT						
	11	2	202-3702	2	ELBOW AS						
					(EACH INCLUDES)						
		2	3D-2824	1	SEAL-O-RING						
		2	6V-9007	1	ELBOW						
		2	6V-9746	1	SEAL-O-RING						
	12	2	216-4884	2	BRACKET AS						
	13	2	216-4889	1	SUPPORT AS						
Y	14	1	230-3633	2	FILTER GP-OIL (SCREEN) (AXLE OIL COOLER)						721
	15	2	246-4547	1	TUBE AS						
	16	1	246-4548	1	TUBE AS						
	17	1	246-4552	1	BRACKET						
	18	1	246-4553	2	PLATE						
	19	2	257-7809	1	TUBE AS						
	20	1	291-4392	1	TUBE AS						
	21	3	291-4397	1	TUBE AS						
C	22	3	301-0104	1	TUBE AS						
C	23	1	301-0105	1	TUBE AS						
C	24	3	301-0106	1	TUBE AS						
C	25	3	148-8326	1	CONNECTOR AS						
		3	3J-7354	1	SEAL-O-RING						
		3	6V-8397	1	SEAL-O-RING						
		3	6V-9872	1	CONNECTOR						
	26	1	148-8335	1	CONNECTOR AS						
		1	5K-9090	1	SEAL-O-RING						
		1	6V-8635	1	CONNECTOR						
		1	7M-8485	1	SEAL-O-RING						
	27	1	148-8339	1	CONNECTOR AS						
		1	6V-8716	1	CONNECTOR						
		1	6V-9746	1	SEAL-O-RING						
		1	7M-8485	1	SEAL-O-RING						
	28	2	148-8352	1	ELBOW AS						
		2	5K-9090	1	SEAL-O-RING						
		2	6V-9854	1	ELBOW						
	29	1	148-8360	1	ELBOW AS						
		1	6V-9182	1	ELBOW						
		1	6V-9746	1	SEAL-O-RING						
		1	7M-8485	1	SEAL-O-RING						
	30	2	148-8362	2	ELBOW AS						
					(EACH INCLUDES)						
		2	3D-2824	1	SEAL-O-RING						
		2	5K-9090	1	SEAL-O-RING						

POWER TRAIN

257-7815 COOLER & FAN GP-AXLE OIL (contd.)

i02933488

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	8T-6684	1	ELBOW						
	31	1	148-8376	3	ELBOW AS						
					(EACH INCLUDES)						
		1	6V-8983	1	ELBOW						
		1	6V-9746	2	SEAL-O-RING						
	32	3	148-8417	1	REDUCER AS						
		3	6V-8397	1	SEAL-O-RING						
		3	6V-8941	1	REDUCER						
	33	3	148-8442	2	TEE AS						
					(EACH INCLUDES)						
		3	6V-9746	2	SEAL-O-RING						
		3	7M-8485	1	SEAL-O-RING						
		3	8T-1685	1	TEE						
	34	1	150-4049	1	ELBOW AS						
		1	6V-9746	1	SEAL-O-RING						
		1	7M-8485	1	SEAL-O-RING						
		1	8T-4149	1	ELBOW						
	35	1	155-7328	1	ELBOW AS						
		1	5P-7701	1	SEAL-O-RING						
		1	6V-9008	1	ELBOW						
		1	8C-3093	1	SEAL-O-RING						
	36	1	2H-3926	3	LOCKWASHER						
	37	1	2P-1293	3	LOCKNUT (1-3/16-12-THD)						
	38	2	5P-1076	4	WASHER-HARD (13.5X30X4-MM THK)						
	39	1	5P-4116	8	WASHER-HARD (8.8X20.5X2-MM THK)						
	40	2	7X-0618	4	WASHER-HARD (13.5X40X5-MM THK)						
	41	1,2	7X-7729	8	WASHER (11X25X3-MM THK)						
	42	1,3	8T-4121	10	WASHER-HARD (11X21X2.5-MM THK)						
M	43	1,2	8T-4136	16	BOLT (M10X1.5X25-MM)						
M	44	1,2	8T-4139	8	BOLT (M12X1.75X30-MM)						
M	45	1	8T-4183	2	BOLT (M12X1.75X40-MM)						
M	46	1	8T-4189	8	BOLT (M8X1.25X20-MM)						
M	47	2	8T-4194	4	BOLT (M12X1.75X50-MM)						
M	48	3	101-7404	2	BOLT-SOCKET HEAD (M10X1.5X30-MM)						
	49	1	8T-4223	6	WASHER-HARD (13.5X25.5X3-MM THK)						
	50	3	8T-4224	1	WASHER-HARD (8.8X16X2-MM THK)						
M	51	3	8T-7547	1	BOLT (M8X1.25X30-MM)						
	52	3	9X-6580	1	NUT (1-3/16-12-THD)						
D	53	2	5P-5755		SEAL (0.5-M)						
D	53A	2	5P-5755		SEAL (0.6-M)						
D	54	2	5P-5639		SEAL (0.7-M)						
D	54A	2	5P-5639		SEAL (0.6-M EACH)						

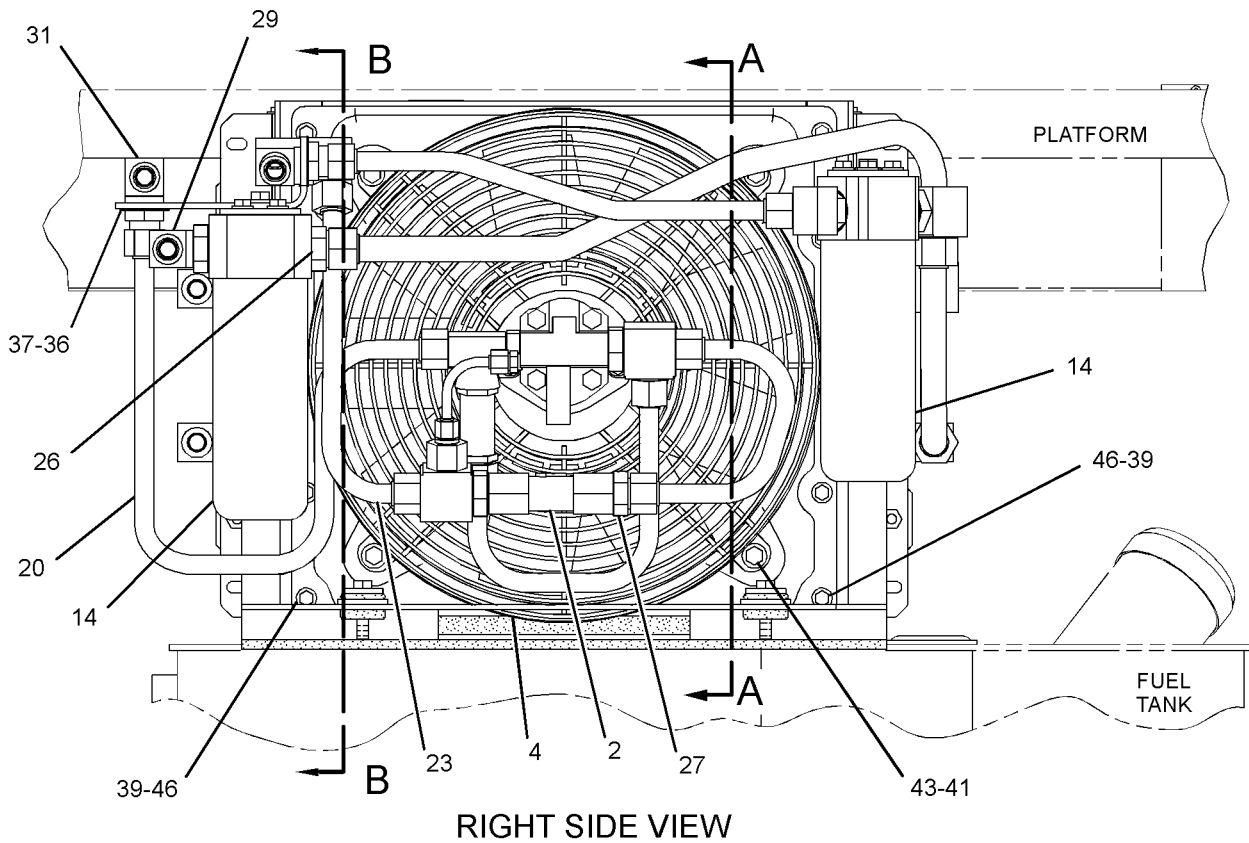
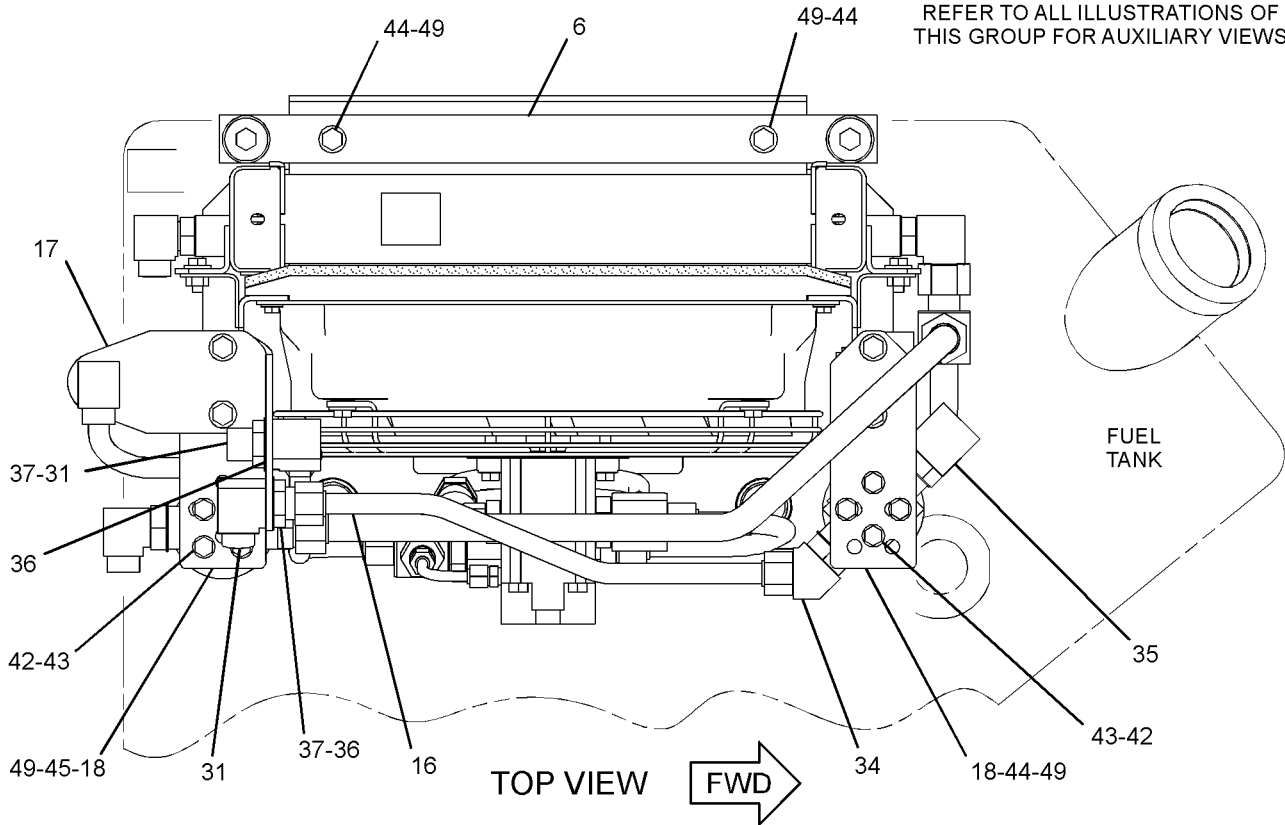
C-CHANGE FROM PREVIOUS TYPE
D-ORDER BY THE METER
M-METRIC PART
Y-SEPARATE ILLUSTRATION

POWER TRAIN

257-7815 COOLER & FAN GP-AXLE OIL (contd.)

i02933488

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



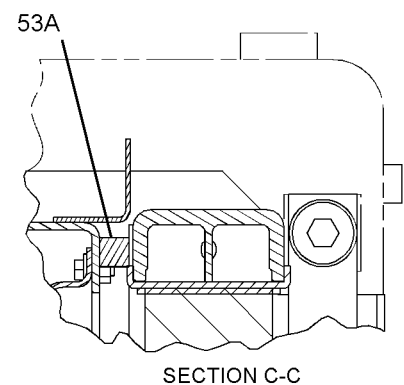
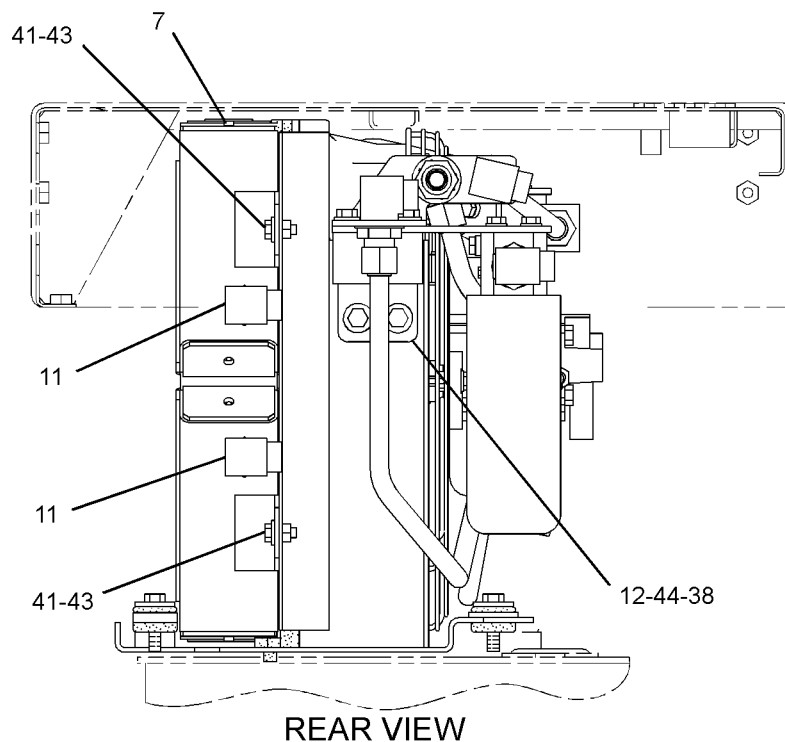
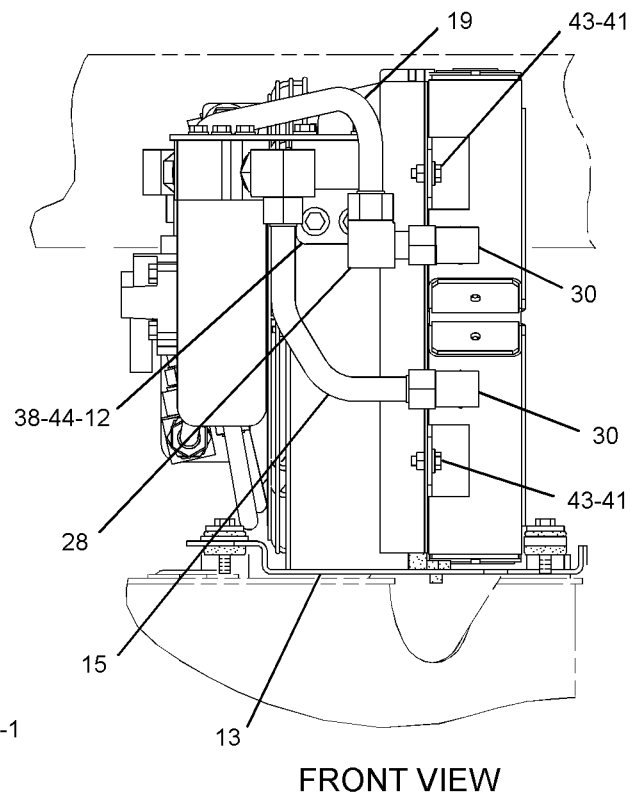
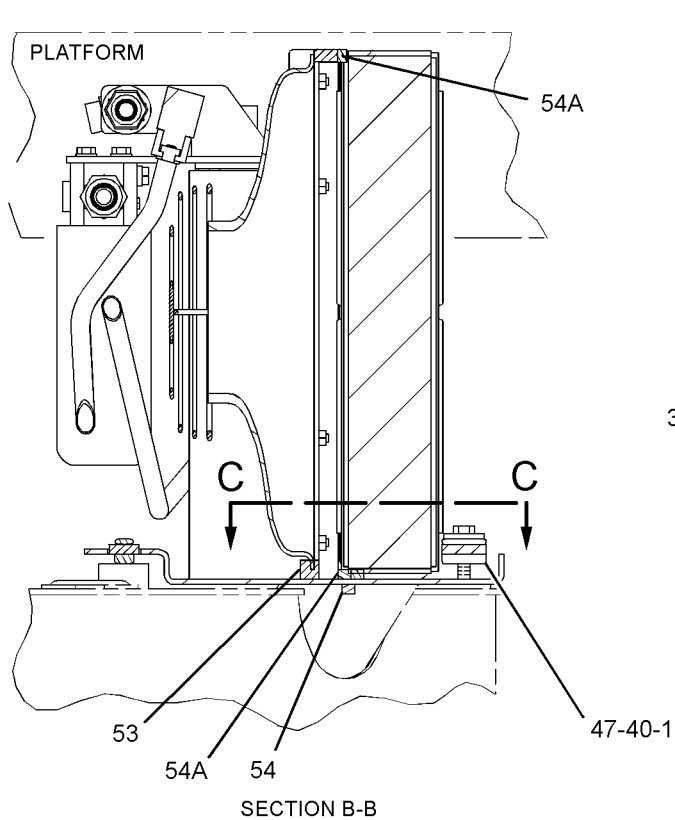
GRAPHIC #1

g01367268

POWER TRAIN

257-7815 COOLER & FAN GP-AXLE OIL (contd.)

i02933488



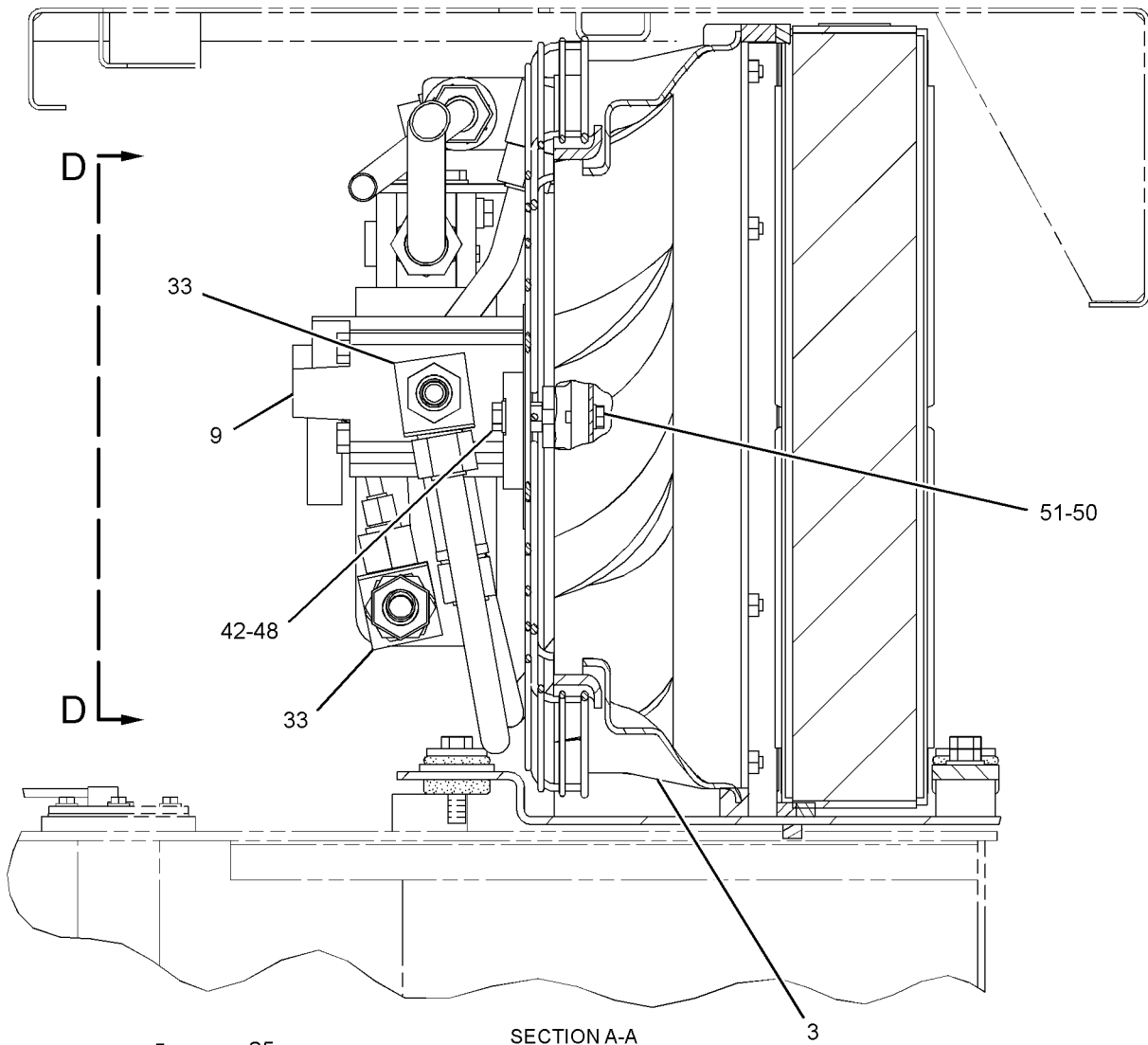
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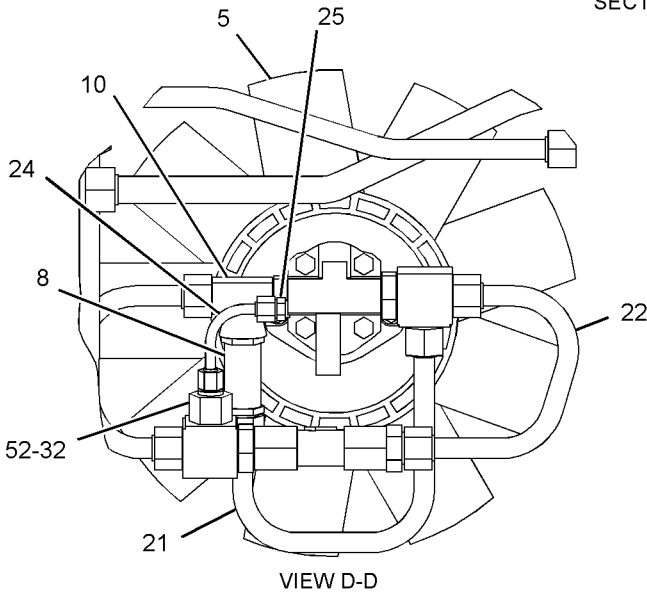
POWER TRAIN

257-7815 COOLER & FAN GP-AXLE OIL (contd.)

i02933488



SECTION A-A



VIEW D-D

GRAPHIC #3

<END>

g01367270

POWER TRAIN

259-8449 COOLER AR-AXLE OIL

S/N: BXY1-UP
AN ATTACHMENT

SMCS-1365

i03792780

NOTE	PART NUMBER	QTY	PART NAME	SEE PAGE
			1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	257-7805	1	COOLER GP-AXLE OIL	704
Y	246-4545	1	LINES GP-AXLE OIL COOLER (FRONT)	739
			S/N: BXY1-3999	
Y	315-8930	1	LINES GP-AXLE OIL COOLER (FRONT)	760
			S/N: BXY4000-UP	
Y	257-7810	1	LINES GP-AXLE OIL COOLER (REAR)	743
			S/N: BXY1-3999	
Y	345-3960	1	LINES GP-AXLE OIL COOLER (REAR)	763
			S/N: BXY4000-UP	
Y	246-4555	1	LINES GP-AXLE OIL COOLER FAN	766
Y-SEPARATE ILLUSTRATION				

<END>

POWER TRAIN

257-7805 COOLER GP-AXLE OIL

S/N: BXY1-1099

PART OF 259-8449 COOLER AR-AXLE OIL
AN ATTACHMENT

SMCS-1365

i02342998

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	8R-2014	1	HOSE	AS					
I	2	1	136-2623	1	HOSE	AS					
I	3	1	152-1626	1	HOSE	AS					
	4	1	154-6333	1	BAFFLE	AS					
I	5	1	165-6984	1	HOSE	AS					
I	6	1	191-6084	1	HOSE	AS					
I	7	1	246-4561	1	HOSE	AS					
	8	1	253-4768	1	BAFFLE	AS					
M		1	8T-3490	3	NUT-WELD	(M10X1.5-THD)					
Y	9	1	257-7815	1	COOLER & FAN	GP-AXLE OIL					688
	10	1	6V-1889	2	CLIP						
	11	1	7X-7729	6	WASHER	(11X25X3-MM THK)					
	12	1	8T-4121	1	WASHER-HARD	(11X21X2.5-MM THK)					
M	13	1	8T-4133	1	NUT	(M10X1.5-THD)					
M	14	1	8T-4136	7	BOLT	(M10X1.5X25-MM)					
D	15	1	5P-5755		SEAL	(0.5-M)					
D	15A	1	5P-5755		SEAL	(0.92-M)					
D	15B	1	5P-5755		SEAL	(0.54-M)					
D	15C	1	5P-5755		SEAL	(0.08-M)					
D	15D	1	5P-5755		SEAL	(0.09-M)					

D-ORDER BY THE METER

I-REFER TO HYDRAULIC INFORMATION SYSTEM

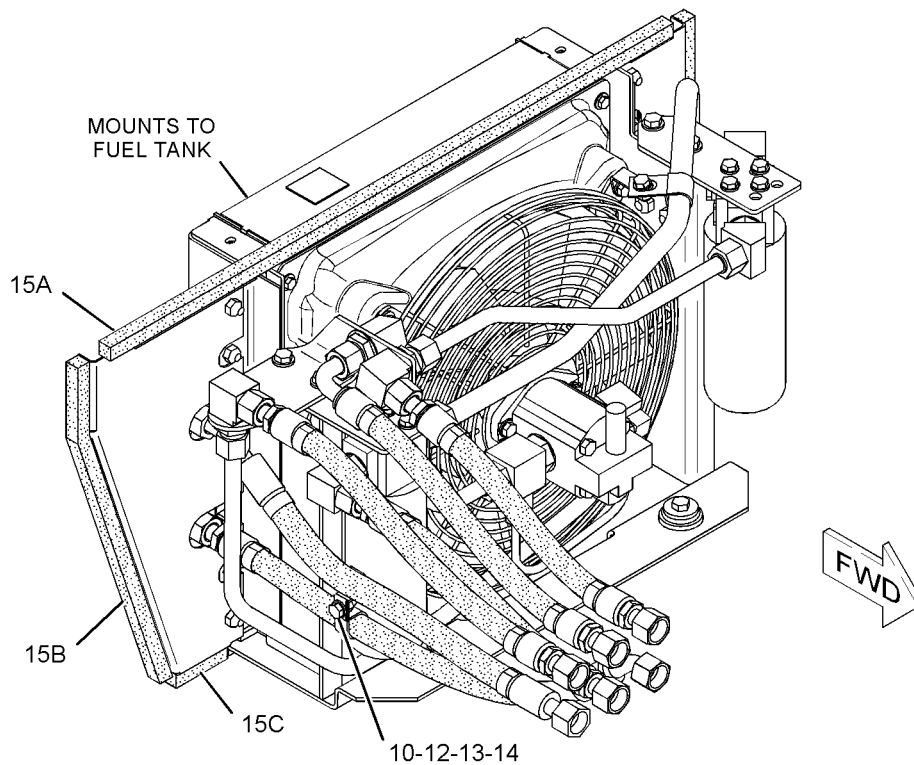
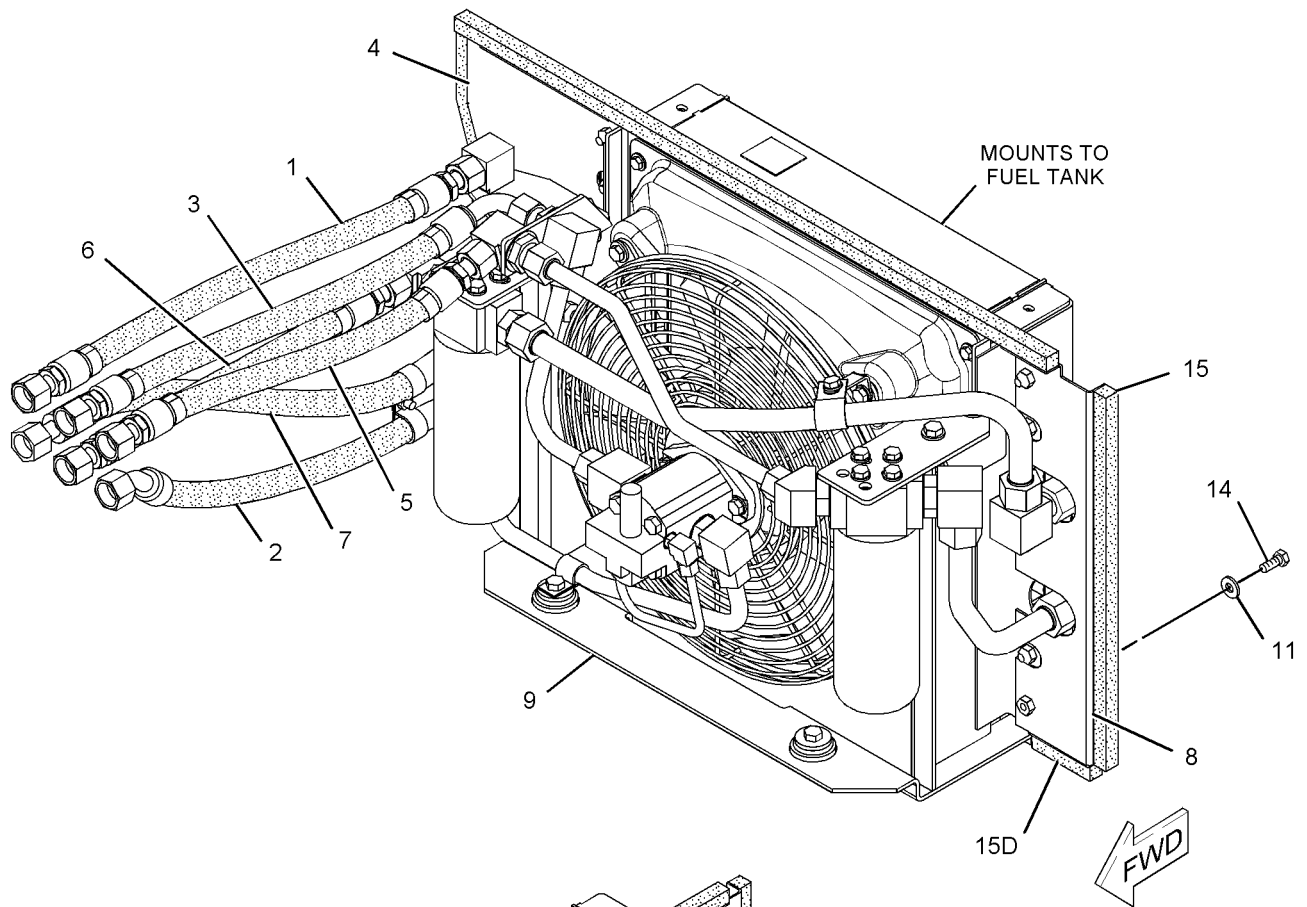
M-METRIC PART

Y-SEPARATE ILLUSTRATION

POWER TRAIN

257-7805 COOLER GP-AXLE OIL (contd.)

i02342998



GRAPHIC #1

<END>

g01128223

POWER TRAIN

257-7805 COOLER GP-AXLE OIL

S/N: BXY1100-1200

PART OF 259-8449 COOLER AR-AXLE OIL
AN ATTACHMENT

SMCS-1365

i02712017

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	8R-2014	1	HOSE	AS					
I	2	1	136-2623	1	HOSE	AS					
I	3	1	152-1626	1	HOSE	AS					
	4	1	154-6333	1	BAFFLE	AS					
I	5	1	165-6984	1	HOSE	AS					
I	6	1	191-6084	1	HOSE	AS					
I	7	1	246-4561	1	HOSE	AS					
	8	1	253-4768	1	BAFFLE	AS					
M		1	8T-3490	3	NUT-WELD	(M10X1.5-THD)					
Y	9	1	257-7815	1	COOLER & FAN	GP-AXLE OIL					688
	10	1	6V-1889	2	CLIP						
	11	1	7X-7729	6	WASHER	(11X25X3-MM THK)					
	12	1	8T-4121	1	WASHER-HARD	(11X21X2.5-MM THK)					
M	13	1	8T-4133	1	NUT	(M10X1.5-THD)					
M	14	1	8T-4136	7	BOLT	(M10X1.5X25-MM)					
D	15	1	5P-5755		SEAL	(0.6-M EACH)					
D	15A	1	5P-5755		SEAL	(1-M)					
D	15B	1	5P-5755		SEAL	(0.1-M EACH)					

D-ORDER BY THE METER

I-REFER TO HYDRAULIC INFORMATION SYSTEM

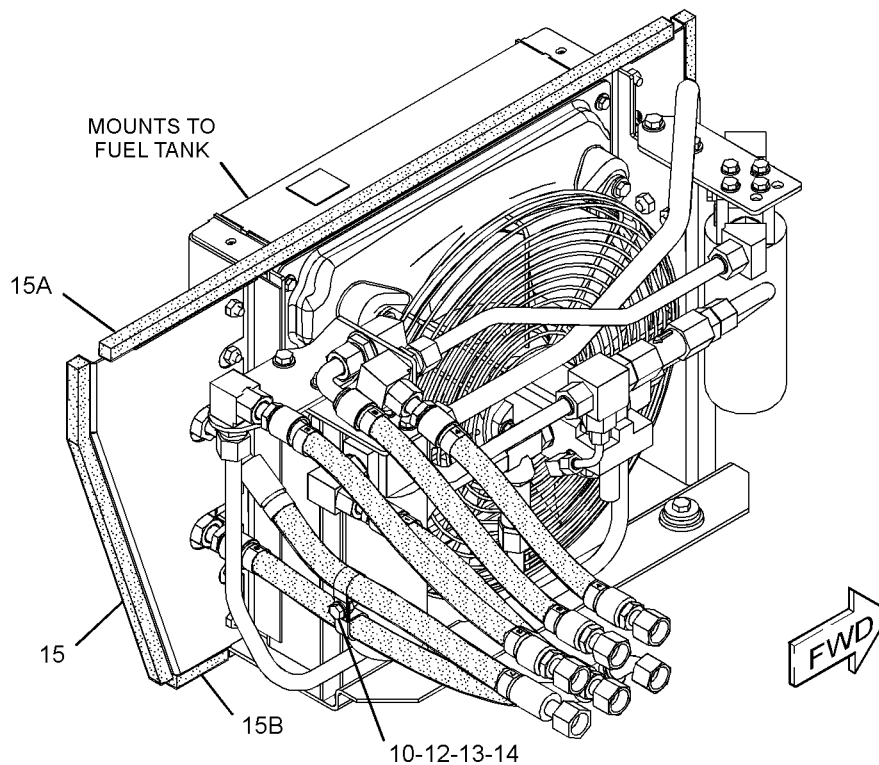
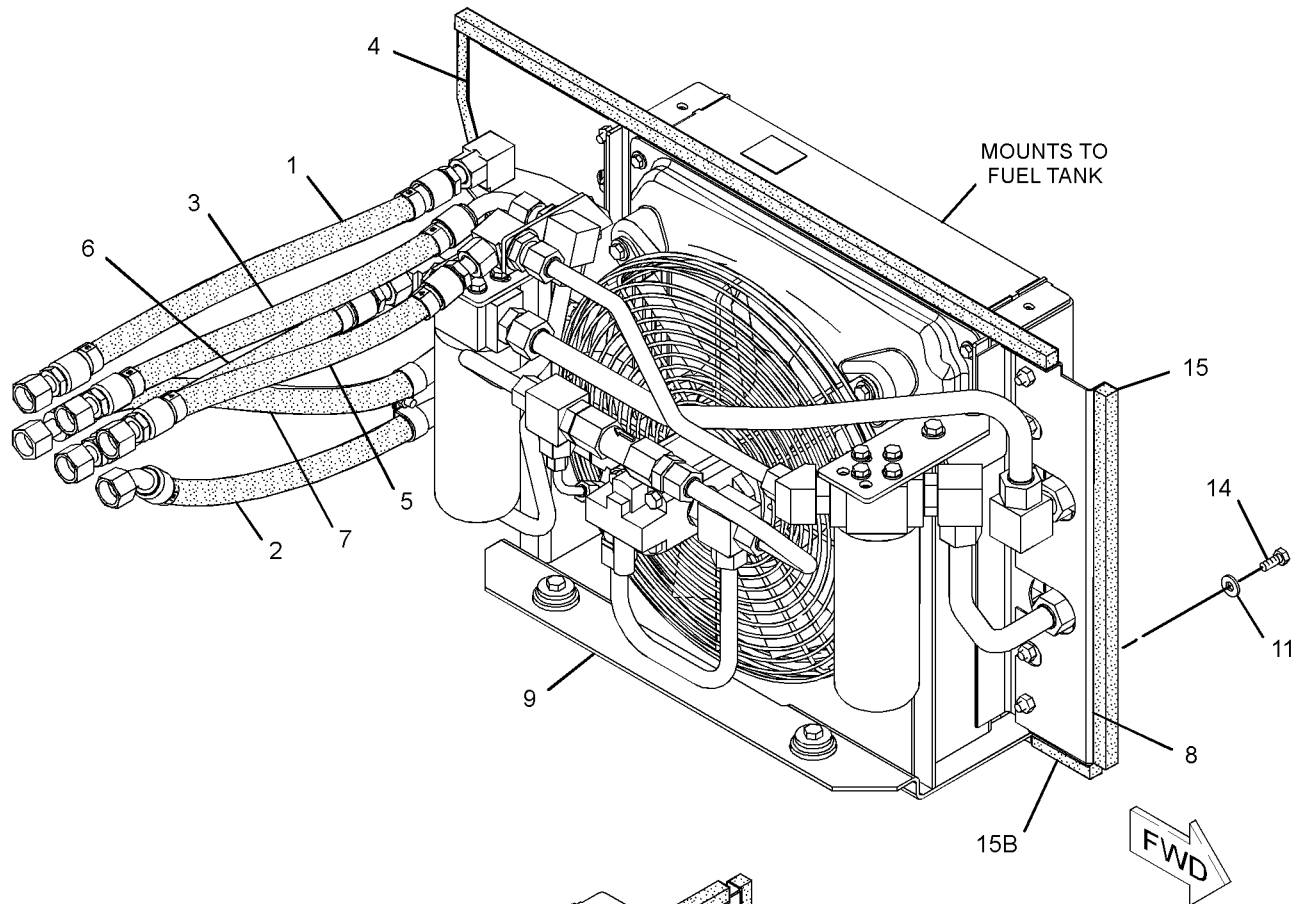
M-METRIC PART

Y-SEPARATE ILLUSTRATION

POWER TRAIN

257-7805 COOLER GP-AXLE OIL (contd.)

i02712017



GRAPHIC #1

<END>

g01362829

POWER TRAIN

257-7805 COOLER GP-AXLE OIL

S/N: BXY1201-UP

PART OF 259-8449 COOLER AR-AXLE OIL
AN ATTACHMENT

SMCS-1365

i02717439

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	8R-2014	1	HOSE	AS					
I	2	1	136-2623	1	HOSE	AS					
I	3	1	152-1626	1	HOSE	AS					
	4	1	154-6333	1	BAFFLE	AS					
I	5	1	165-6984	1	HOSE	AS					
I	6	1	191-6084	1	HOSE	AS					
I	7	1	246-4561	1	HOSE	AS					
	8	1	253-4768	1	BAFFLE	AS					
M		1	8T-3490	3	NUT-WELD	(M10X1.5-THD)					
Y	9	1	257-7815	1	COOLER & FAN	GP-AXLE OIL					688
	10	1	6V-1889	2	CLIP						
	11	1	7X-7729	6	WASHER	(11X25X3-MM THK)					
	12	1	8T-4121	1	WASHER-HARD	(11X21X2.5-MM THK)					
M	13	1	8T-4133	1	NUT	(M10X1.5-THD)					
M	14	1	8T-4136	7	BOLT	(M10X1.5X25-MM)					
D	15	1	5P-5755		SEAL	(0.5-M)					
D	15A	1	5P-5755		SEAL	(1.0-M)					
D	15B	1	5P-5755		SEAL	(0.6-M)					
D	15C	1	5P-5755		SEAL	(0.1-M)					
D	15D	1	5P-5755		SEAL	(0.1-M)					

D-ORDER BY THE METER

I-REFER TO HYDRAULIC INFORMATION SYSTEM

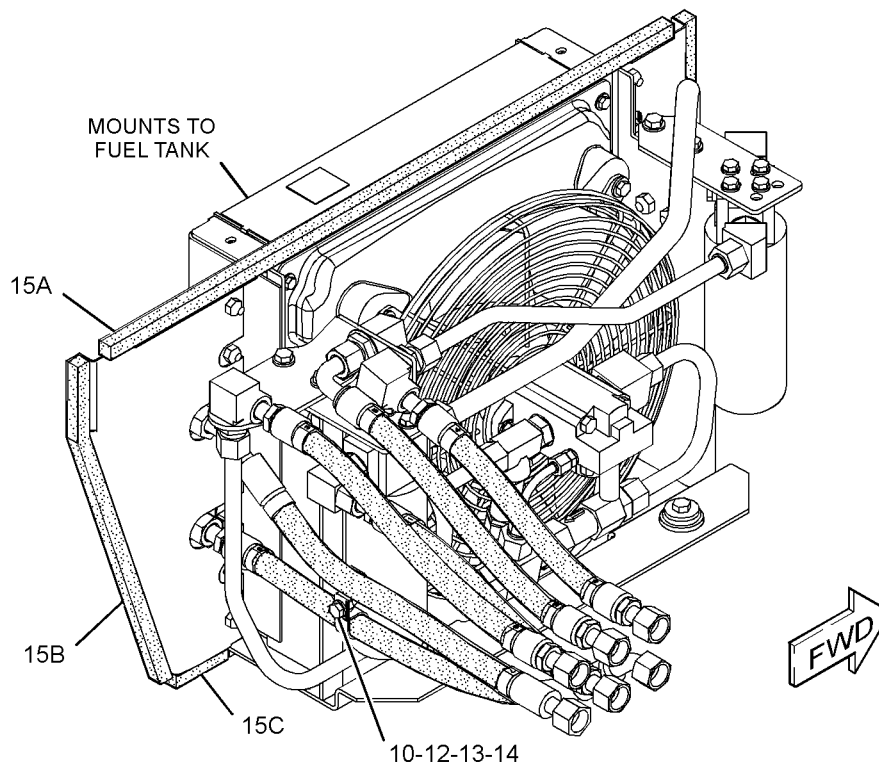
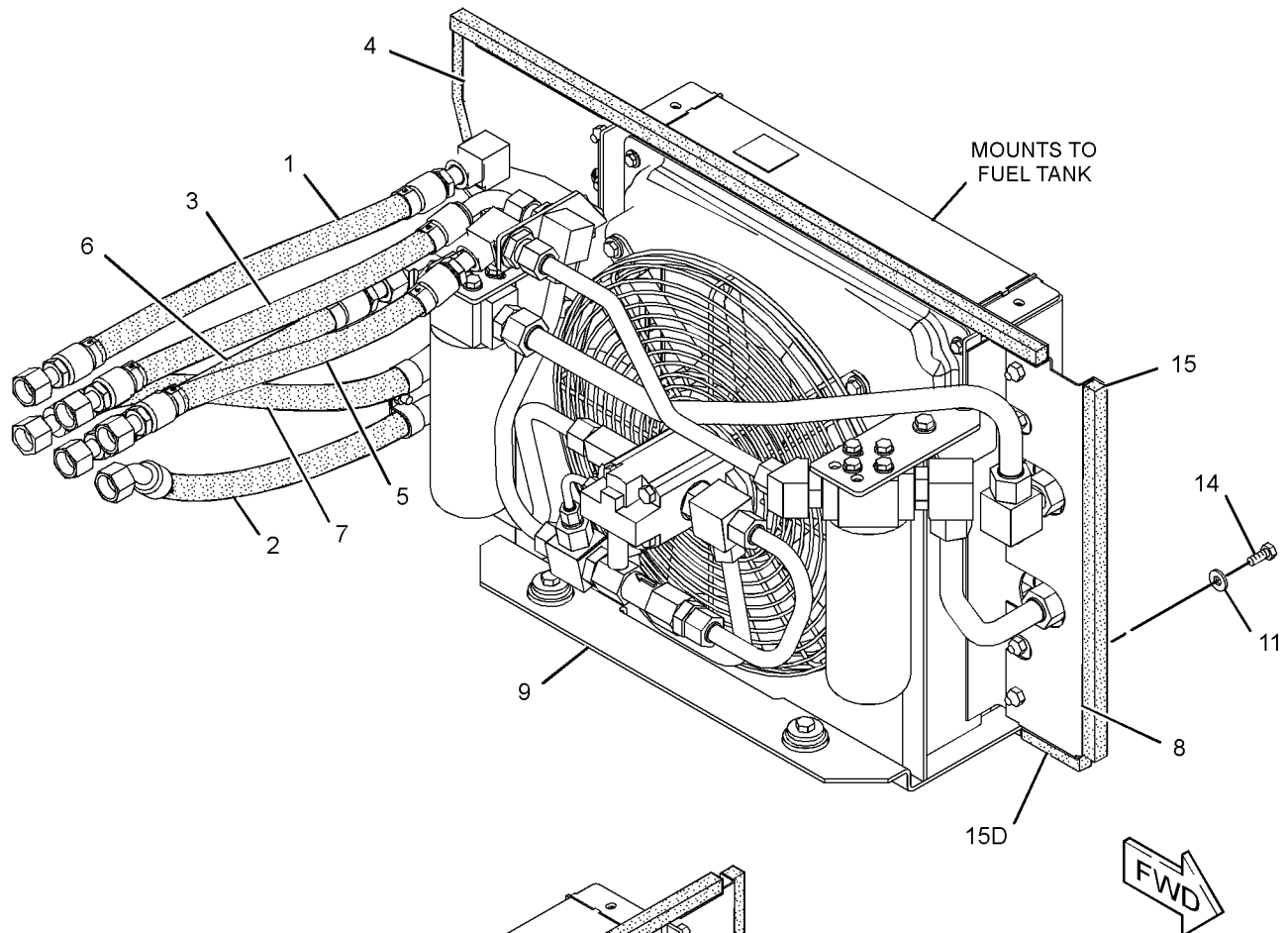
M-METRIC PART

Y-SEPARATE ILLUSTRATION

POWER TRAIN

257-7805 COOLER GP-AXLE OIL (contd.)

i02717439



GRAPHIC #1

<END>

g01364578

POWER TRAIN

232-0209 COVER GP-TRANSMISSION-SHIPPING

S/N: SMA114-UP; DRT1-UP

PART OF 230-6315, 261-1463 TRANSMISSION AR
ALSO AN ATTACHMENT

SMCS-3030

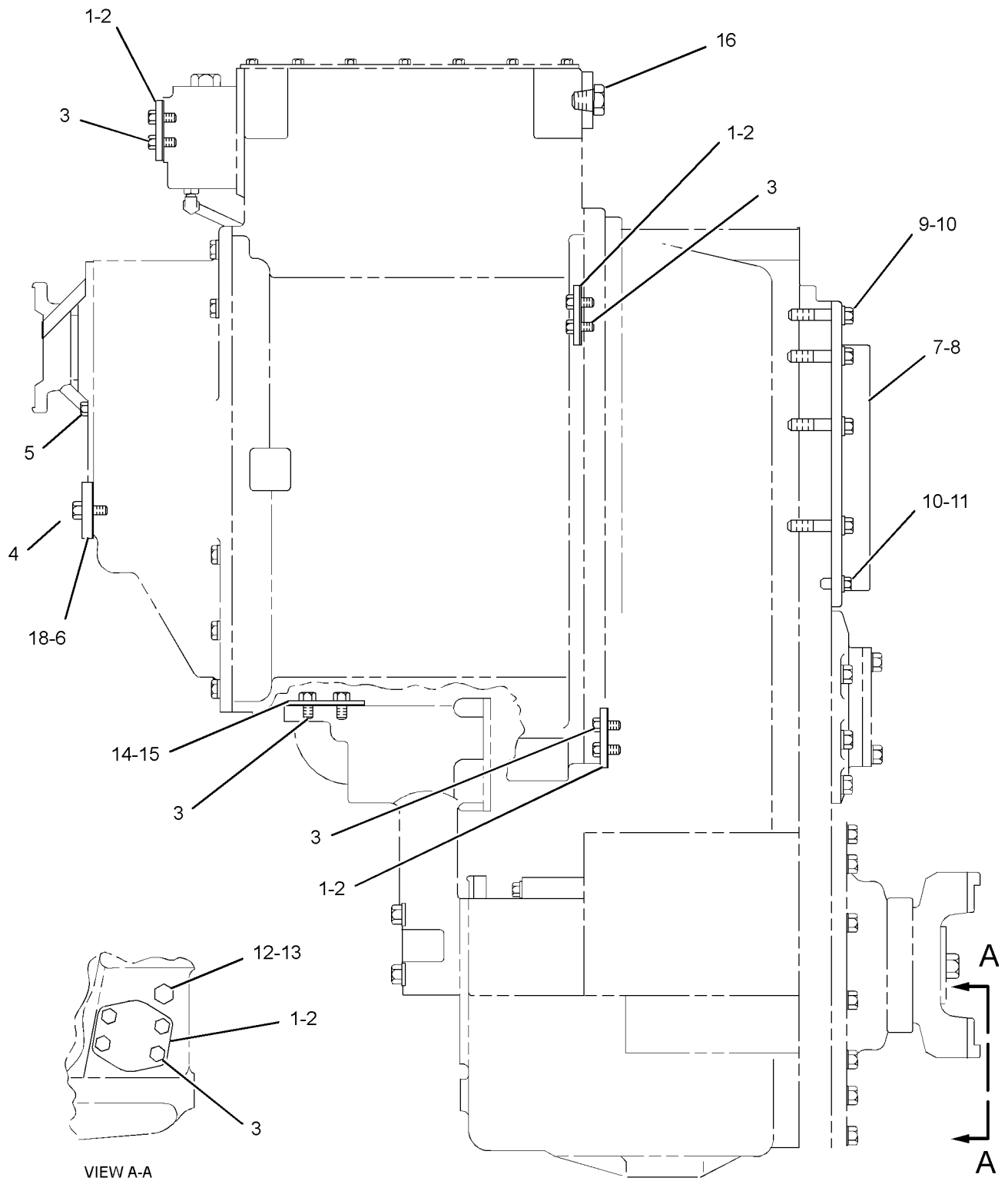
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NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8X-6166	5	COVER						
	2	1	8E-7366	5	GASKET						
M	3	1	6A-5591	24	BOLT (M12X1.75X25-MM)						
M	4	1	6V-3668	2	BOLT (M12X1.75X30-MM)						
	5	1	0T-0102	2	BOLT (3/8-16X0.625-IN)						
	6	1	3H-0110	1	COVER						
	7	1	6Y-6848	1	COVER						
	8	1	8H-8257	1	SEAL-O-RING						
	9	1	1A-5822	7	BOLT (1/2-13X2.75-IN)						
	10	1	5P-8245	9	WASHER-HARD (13.5X25.5X3-MM THK)						
	11	1	6H-1717	2	BOLT (1/2-13X1.125-IN)						
	12	1	3J-1907	1	SEAL-O-RING						
	13	1	9S-4191	1	PLUG-O-RING						
	14	1	7J-0402	1	COVER						
	15	1	8E-7367	1	GASKET						
	16	1	5M-6213	1	PLUG-PIPE						
	18	1	3J-3712	1	GASKET						
M-METRIC PART											

POWER TRAIN

232-0209 COVER GP-TRANSMISSION (contd.)

i02337419



GRAPHIC #1

<END>

g01177849

POWER TRAIN

137-8851 DIFFERENTIAL & BEVEL GEAR GP

S/N: BXY1-UP

PART OF 137-8833 AXLE AR-FIXED, 137-8832 AXLE AR-OSCILLATING

SMCS-3254, 3256, 3258

i03342749

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	4B-9374	1	CUP-BEARING	
	2	1	5M-6592	1	CUP-BEARING (TAPERED ROLLER)	
	3	1	6M-1637	1	CONE-BEARING	
	4	1	6M-1638	1	CUP-BEARING	
	5	1	126-8182	1	CUP-BEARING	
	6	1	165-2135	1	CONE-SPECIAL TAPERED	
	7	1	4B-9373	1	CONE-BEARING	
	8	1	6B-4852	1	CONE-BEARING (TAPERED ROLLER)	
	9	1	4E-1966	1	RETAINER	
	10	1	5J-1086	1	SEAL-O-RING	
	11	1	5K-3661	2	LOCK-BEARING	
	12	1	8R-0053	1	WASHER (91.4X129.8X6.4-MM THK)	
	13	1	8R-2857	1	RING-ADJUSTMENT	
	14	1	8T-3013	1	SEAL-O-RING	
	15	1	9M-5024	1	SEAL-O-RING	
	16	1	133-4292	1	SEAL-LIP TYPE	
	17	1	136-8035	1	SHAFT-BEVEL PINION	
	17A	1	136-8036	1	GEAR-BEVEL (45-TEETH)	
	18	1	137-8856	1	PIN	
	19	1	137-8857	1	RING-ADJUSTING	
Y	20	1	137-8858	1	DIFFERENTIAL GP	714
B	21	1	154-7997	1	SHIM PACK (INCLUDES 16-SHIMS)	
B	22	1	164-9326	1	SHIM PACK (INCLUDES 14-SHIMS)	
	23	1	173-5850	1	YOKE AS	
	23A	1	1H-6227	1	SEAL-O-RING	
	23B	1	4E-3601	1	GUARD	
	23C	1	121-1257	1	RING-RETAINING	
	23D	1	144-4524	1	CUP-DUST	
	24	1	209-6696	1	HOUSING-PINION	
	25	1	154-7998	1	COVER	
	26	1	164-9324	1	CARRIER AS	
	26A	1	3J-1907	1	SEAL-O-RING	
M	26B	1	8C-3236	4	BOLT (M30X3.5X160-MM)	
	26C	1	9S-8004	1	PLUG	
	26D	1	9X-8399	4	WASHER (33X56X6-MM THK)	
M	27	1	178-2991	45	BOLT-SELF-LOCKING (M20X2.5X70-MM)	
	28	1	287-3585	24	BOLT (M20X2.5X60-MM)	
	29	1	2H-3932	1	SEAL-O-RING	
	30	1	5P-8245	4	WASHER-HARD (13.5X25.5X3-MM THK)	
	31	1	5P-8248	93	WASHER-HARD (20X36.5X3.5-MM THK)	
M	32	1	6V-3532	24	BOLT (M20X2.5X60-MM)	
M	33	1	6V-5684	4	BOLT (M12X1.75X45-MM)	
M	34	1	6V-8455	2	BOLT (M10X1.5X16-MM)	
	35	1	8R-0052	1	NUT-STAKE (M90X2-THD)	
	36	1	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)	
M	37	1	8T-4136	8	BOLT (M10X1.5X25-MM)	

B-USE AS REQUIRED

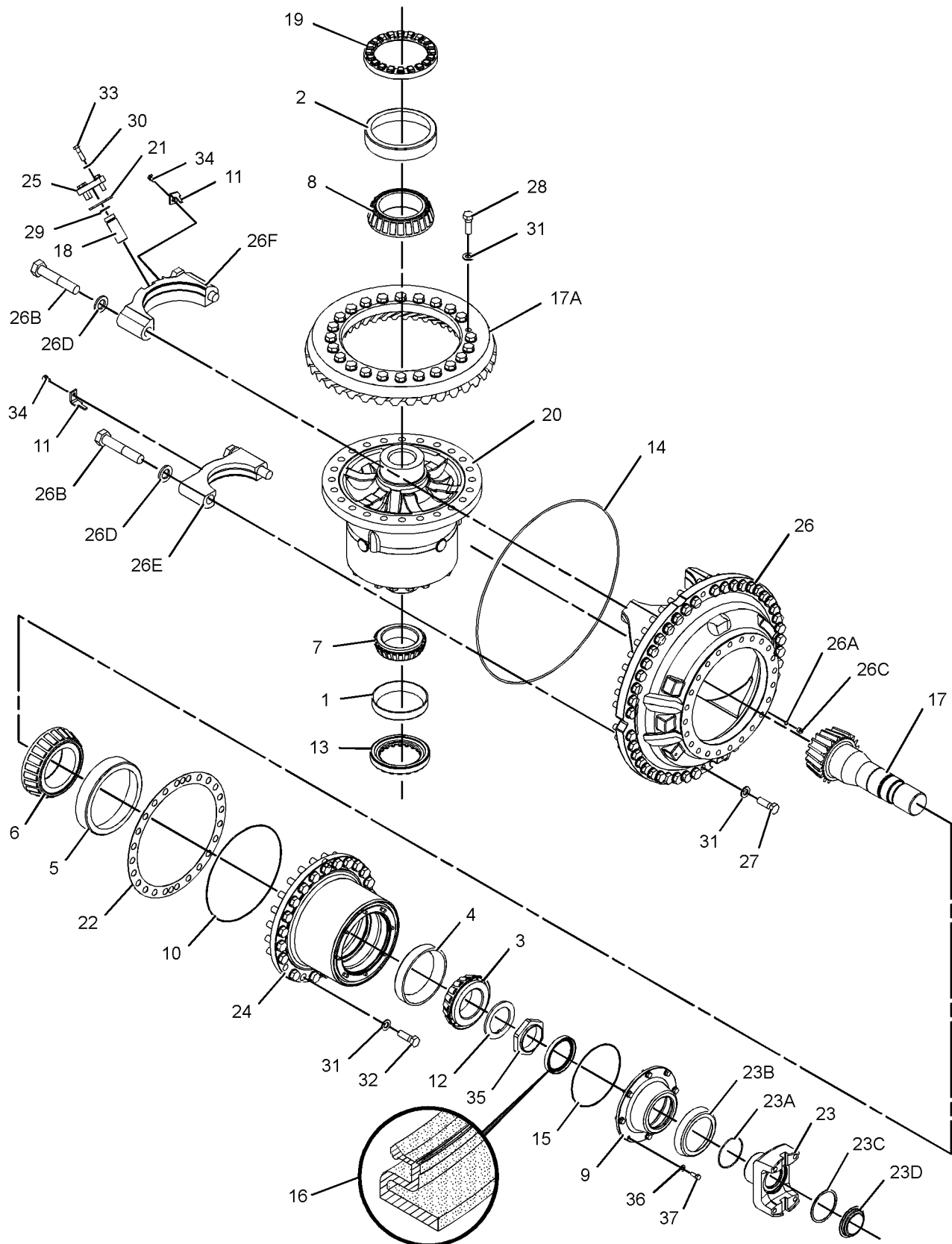
M-METRIC PART

Y-SEPARATE ILLUSTRATION

POWER TRAIN

137-8851 DIFFERENTIAL & BEVEL GEAR GP (contd.)

i03342749



GRAPHIC #1

<END>

g01296167

POWER TRAIN

137-8858 DIFFERENTIAL GP

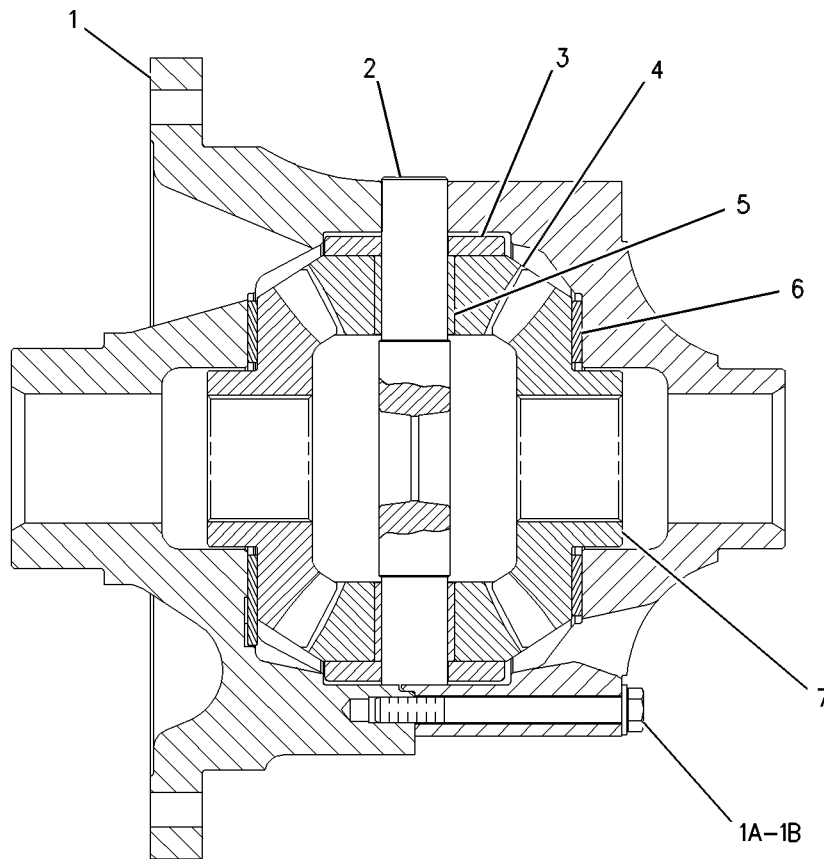
S/N: BXY1-UP

PART OF 137-8851 DIFFERENTIAL & BEVEL GEAR GP

SMCS-3258

i02386888

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	137-8859	1	CASE AS-DIFFERENTIAL						
	1A	1	5P-8247	16	WASHER-HARD (17X32X3.5-MM THK)						
M	1B	1	8T-0650	16	BOLT (M16X2X160-MM)						
	2	1	140-6554	1	SPIDER						
	3	1	154-4383	4	SPACER-THRUST						
	4	1	139-9391	4	PINION-DIFFERENTIAL BEVEL (13-TEETH)						
	5	1	140-6555	4	BEARING-SLEEVE						
	6	1	140-6553	2	WASHER-THRUST						
	7	1	139-9392	2	GEAR-DIFFERENTIAL BEVEL (20-TEETH)						
M-METRIC PART											



GRAPHIC #1

<END>

g00514123

POWER TRAIN

146-4378 DIFFERENTIAL GP-NOSPIN

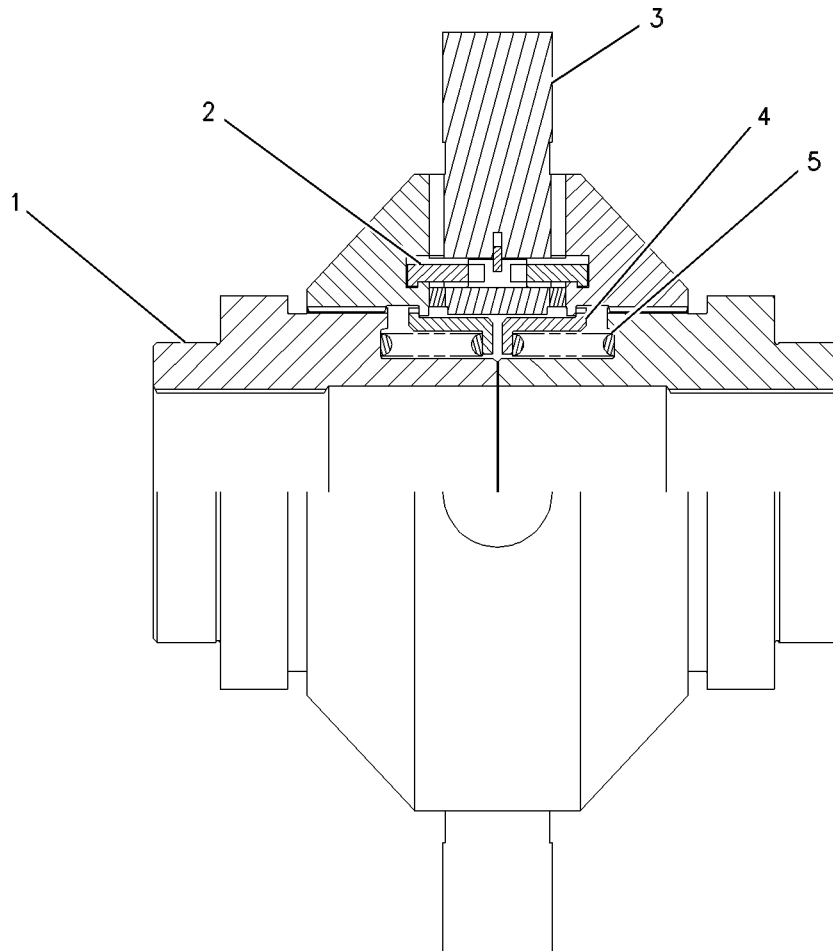
S/N: BXY1-UP

PART OF 146-7271 DIFFERENTIAL GP-NOSPIN
AN ATTACHMENT

SMCS-3265

i00955835

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	146-7274	2	GEAR-SIDE						
	2	1	2G-3747	2	CLUTCH AS						
	3	1	146-7275	1	SPIDER AS						
	4	1	7D-4721	2	RETAINER						
	5	1	7D-4719	2	SPRING						



GRAPHIC #1

<END>

g00495057

POWER TRAIN

146-7271 DIFFERENTIAL GP-NOSPIN

S/N: BXY1-UP

PART OF 146-7272 DIFFERENTIAL GP-NOSPIN
AN ATTACHMENT

SMCS-3265

i01227876

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	137-8859	1	CASE AS-DIFFERENTIAL						
M	8T-0650	16	BOLT (M16X2.0X160MM)						
	5P-8247	16	WASHER-HARD (3.5MM THK)						
Y	146-4378	1	DIFFERENTIAL GP-NOSPIN						715

M-METRIC PART
Y-SEPARATE ILLUSTRATION

<END>

146-7272 DIFFERENTIAL GP-NOSPIN

S/N: BXY1-UP

AN ATTACHMENT

SMCS-3265

i00955844

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	146-7271	1	DIFFERENTIAL GP-NOSPIN						716

Y-SEPARATE ILLUSTRATION

<END>

POWER TRAIN

137-8865 FASTENER GP-AXLE MOUNTING

S/N: BXY1-UP

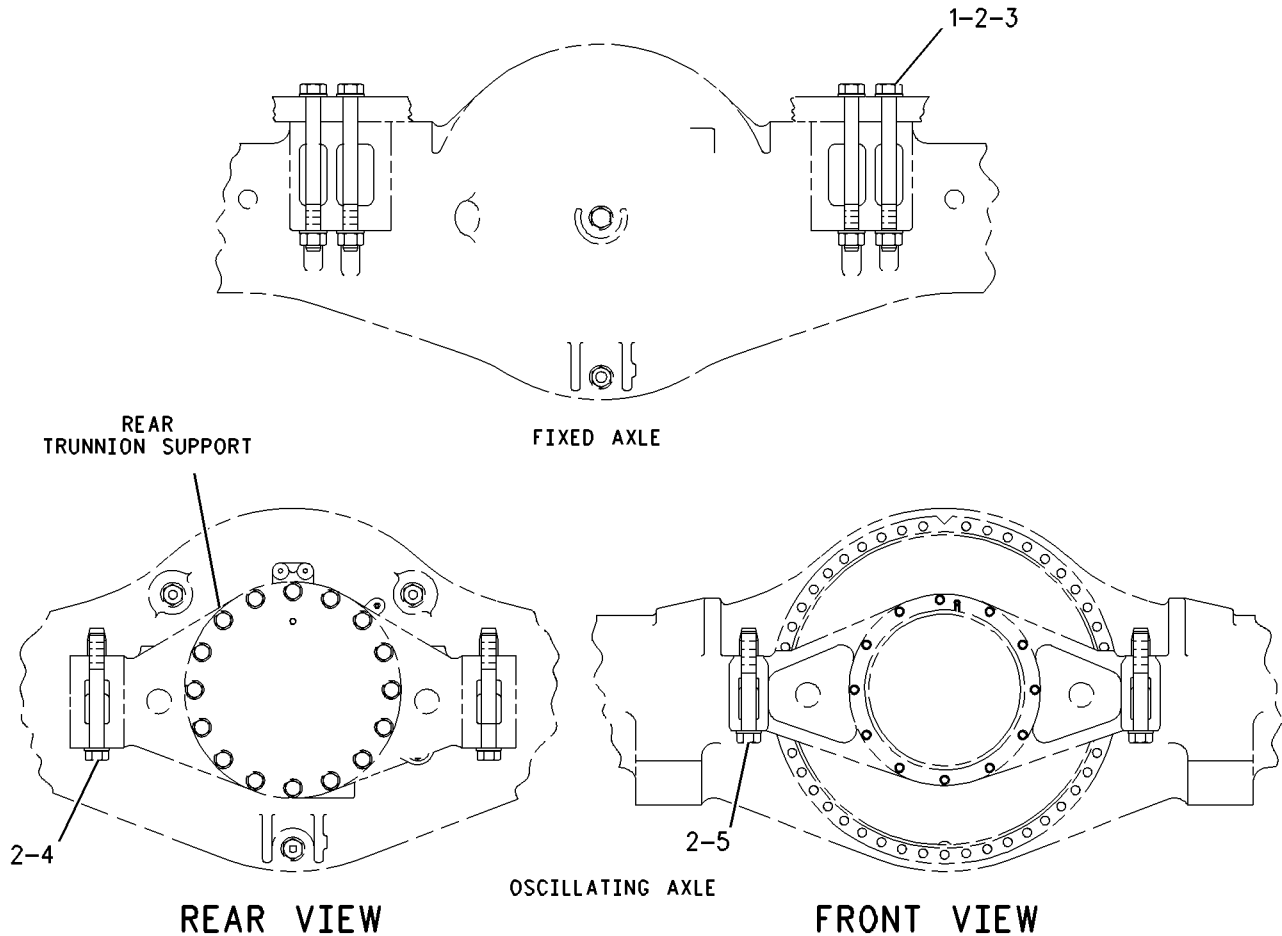
PART OF 225-5455 POWER TRAIN AR

SMCS-3260, 3278

i03477065

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	139-5943	12	BOLT (M30X3.5X320-MM) (FRONT AXLE MTG)						
	2	1	9X-8399	36	WASHER (33X56X6-MM THK)						
M	3	1	8T-1583	12	NUT (M30X3.5-THD) (FRONT AXLE MTG)						
	4	1	334-6836	8	BOLT (M30X3.5X240-MM) (REAR TRUNNION SUPPORT MTG)						
M	5	1	178-2992	4	BOLT (M30X3.5X220-MM) (FRONT TRUNNION SUPPORT MTG)						

M-METRIC PART



GRAPHIC #1

<END>

g00889603

POWER TRAIN

170-4042 FILTER & MTG GP-POWER TRAIN

S/N: BXY1-3999

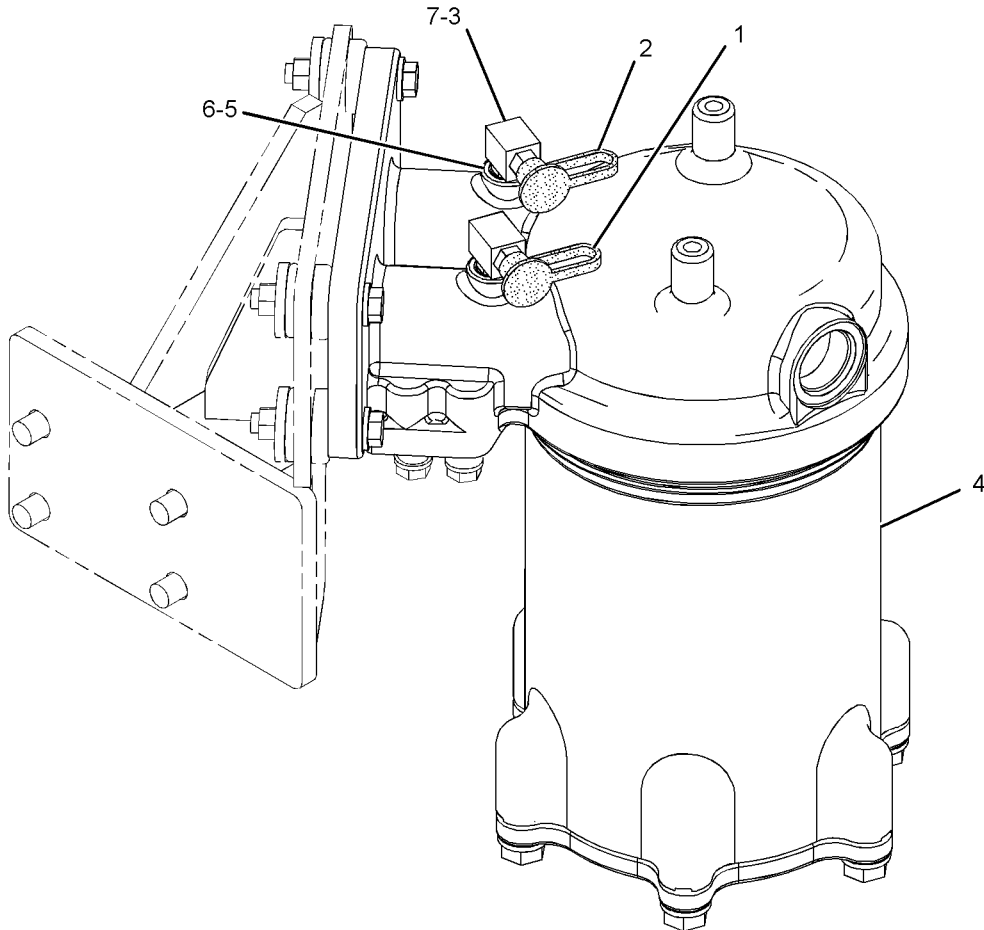
PART OF 225-6709 LINES GP-POWER TRAIN OIL

SMCS-3004, 3067

i02329666

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-3447	1	CAP-DUST						
	3	1	169-5862	1	ELBOW AS						
		1	3J-1907	1	SEAL-O-RING						
		1	8C-6712	1	ELBOW						
Y	4	1	170-3843	1	FILTER GP-OIL (POWER TRAIN)						719
	5	1	150-3065	1	ADAPTER AS						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-0484	1	ADAPTER-O-RING						
	6	1	164-5567	1	COUPLER AS-QUICK DISCONNECT (QUICK DISCONNECT)						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-3965	1	FITTING (QUICK DISCONNECT)						
	7	1	164-5590	1	VALVE AS-FLUID SAMPLING						
		1	3J-7354	1	SEAL-O-RING						
		1	8C-3446	1	VALVE-FLUID SAMPLING						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01162984

POWER TRAIN

170-3843 FILTER GP-OIL-POWER TRAIN

S/N: BXY1-3999

PART OF 170-4042 FILTER & MTG GP-POWER TRAIN

SMCS-3004, 3067

i02350354

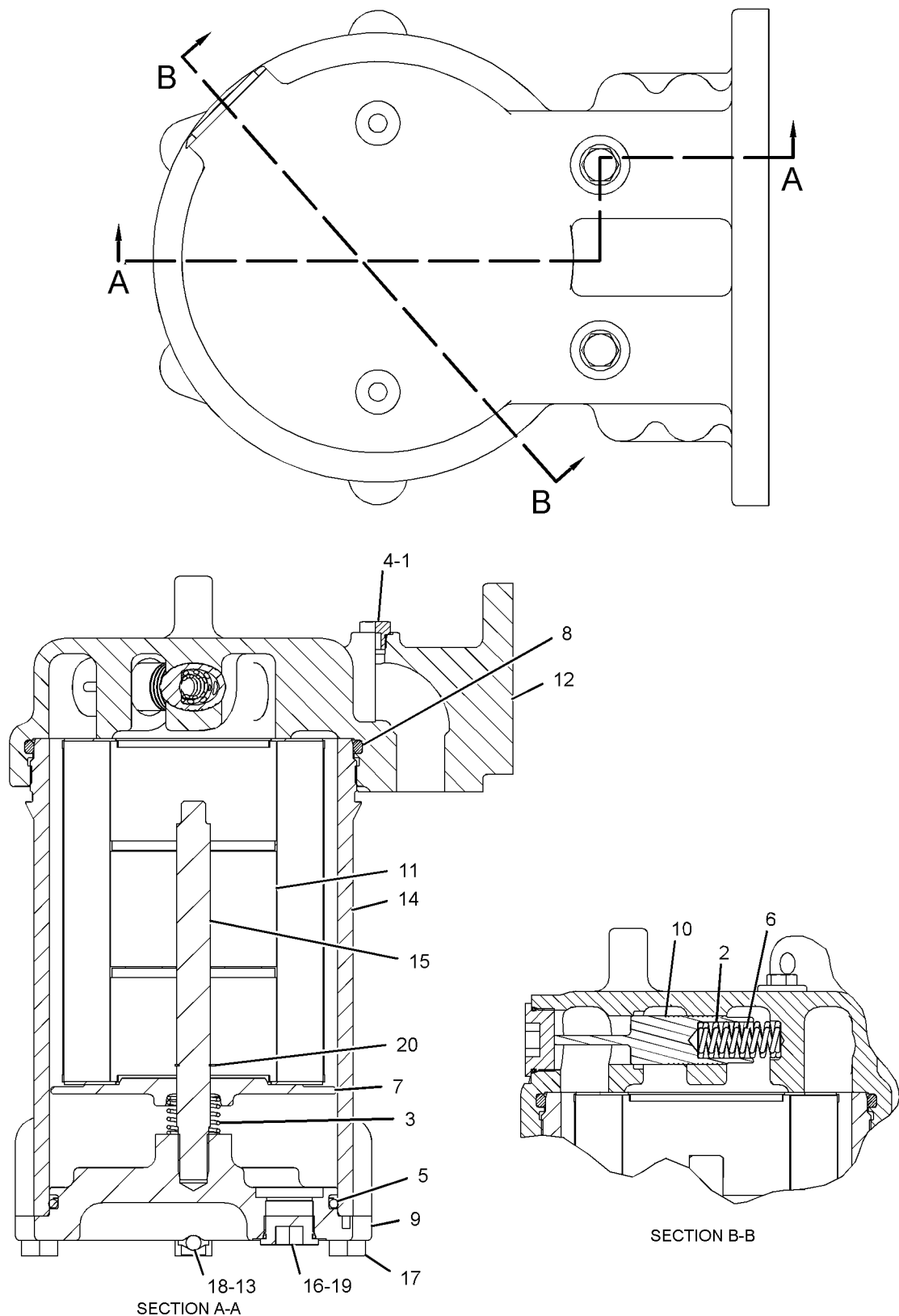
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3J-1907	2	SEAL-O-RING						
	2	1	7M-1297	1	SPRING						
	3	1	7N-1228	1	SPRING						
	4	1	9S-4191	2	PLUG-O-RING						
	5	1	006-8350	1	SEAL-O-RING						
	6	1	133-2198	1	SPRING						
	7	1	152-1130	1	RETAINER						
	8	1	161-4511	1	SEAL-O-RING						
	9	1	161-4515	1	COVER						
	10	1	166-9367	1	SPOOL-BYPASS						
	11	1	167-2009	1	FILTER ELEMENT AS-OIL (ULTRA HIGH EFFICIENCY) (POWER TRAIN)						
	12	1	170-0050	1	BASE-OIL FILTER						
	13	1	173-7760	1	HANDLE						
	14	1	173-8278	1	HOUSING-FILTER						
	15	1	208-8661	1	STUD						
	16	1	3E-2338	1	PLUG-PIPE						
M	17	1	6V-4429	6	BOLT (M16X2X40-MM)						
M	18	1	6V-8212	2	BOLT (M10X1.5X16-MM)						
	19	1	7M-8485	1	SEAL-O-RING						
	20	1	8M-6393	1	RING-RETAINING						
F			154-9731	1	COMPOUND-THREAD LOCK						

F-NOT SHOWN
M-METRIC PART

POWER TRAIN

170-3843 FILTER GP-OIL (contd.)

i02350354



GRAPHIC #1

<END>

g01174422

POWER TRAIN

230-3633 FILTER GP-OIL-SCREEN-AXLE OIL COOLER

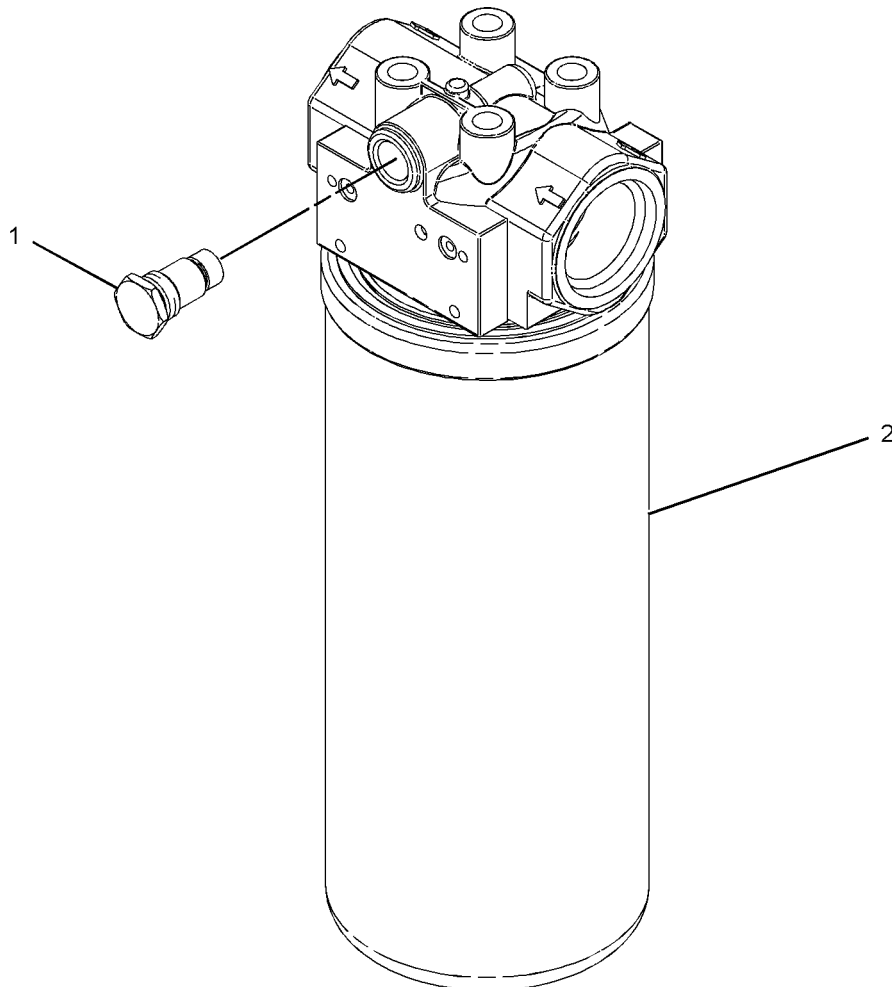
S/N: BXY1-UP

PART OF 257-7815 COOLER & FAN GP-AXLE OIL
AN ATTACHMENT

SMCS-3004, 3067

i02387652

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	164-6709	1	PLUG AS						
		1	3J-1907	1	SEAL-O-RING						
		1	5F-9144	1	SEAL-O-RING						
	2	1	222-6713	1	SCREEN-FILTER (AXLE OIL COOLER)						



GRAPHIC #1

<END>

g01048823

POWER TRAIN

337-5269 FILTER GP-OIL-TRANSMISSION

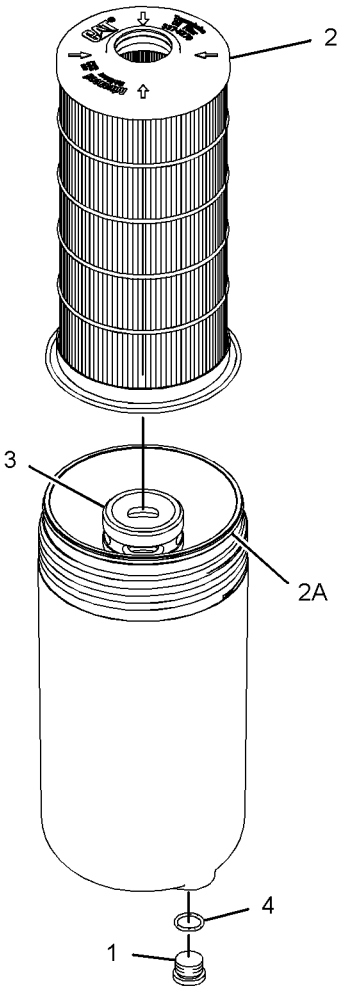
S/N: BXY4000-UP

PART OF 346-5571 FILTER GP-OIL

SMCS-3004, 3067

i03768812

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9S-8005	1	PLUG-O-RING						
	2	1	337-5270	1	FILTER ELEMENT-OIL						
	2A	1	095-1678	1	SEAL-O-RING						
	3	1	347-7407	1	TUBE-CENTER						
	4	1	8L-2786	1	SEAL-O-RING						



GRAPHIC #1

<END>

g02061213

POWER TRAIN

346-5571 FILTER GP-OIL-TRANSMISSION

S/N: BXY4000-UP

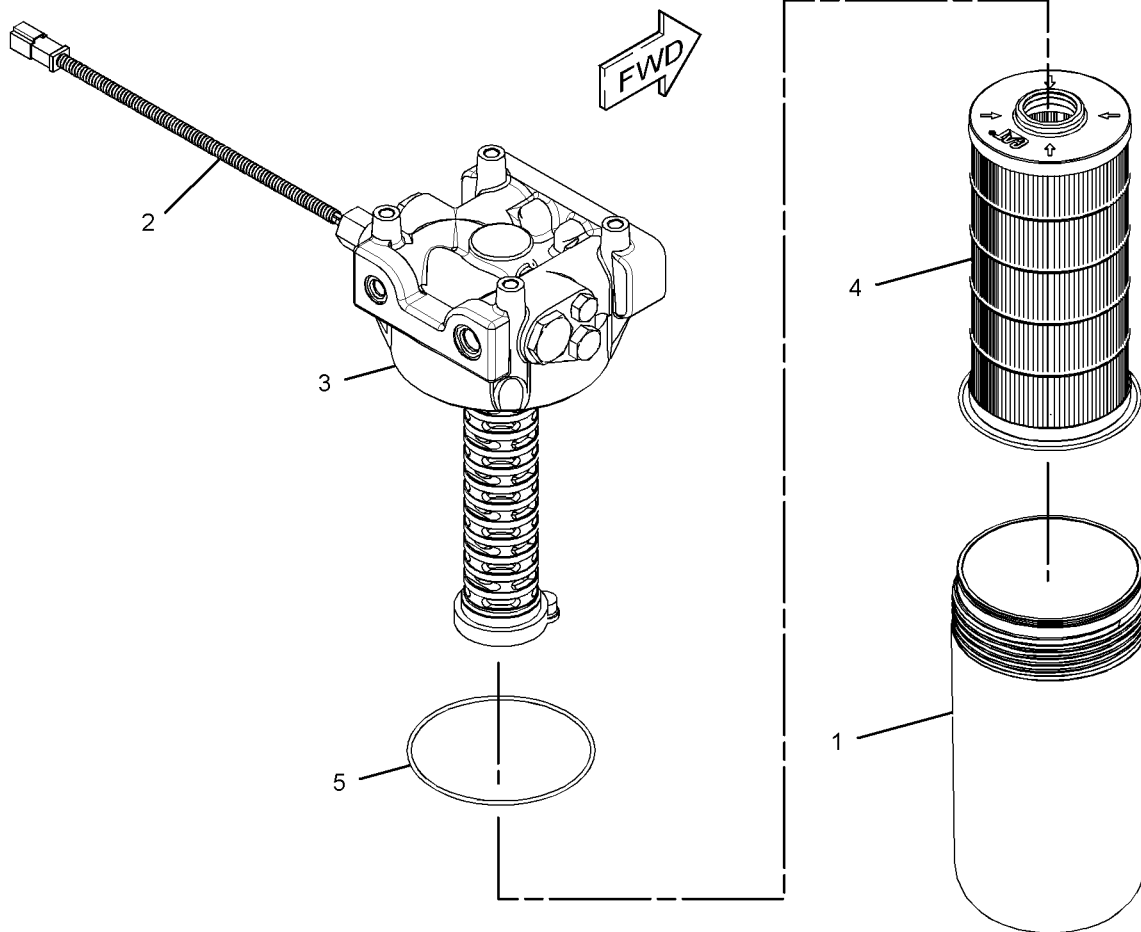
PART OF 345-3936 LINES GP-POWER TRAIN OIL

SMCS-3004, 3067

i03754243

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	337-5269	1	FILTER GP-OIL (TRANSMISSION)						722
	2	1	341-6644	1	SWITCH AS-PRESSURE (TRANSMISSION OIL FILTER BYPASS)						
		1	033-6033	1	SEAL-O-RING						
		1	206-9295	1	SEAL-O-RING						
	3	1	346-5572	1	BASE AS-OIL FILTER						
		1	5P-7701	2	SEAL-O-RING						
		1	8L-2786	2	SEAL-O-RING						
		1	9S-4181	2	PLUG-O-RING						
		1	9S-4185	2	PLUG-O-RING						
		1	9S-4191	1	PLUG-O-RING						
		1	214-7568	1	SEAL-O-RING						
	4	1	337-5270	1	FILTER ELEMENT-OIL (TRANSMISSION)						
		1	095-1678	1	SEAL-O-RING						
	5	1	095-1678	1	SEAL-O-RING						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02034513

POWER TRAIN

189-7590 GAUGE GP-OIL LEVEL (DIPSTICK)-TRANSMISSION

S/N: BXY1900-UP

PART OF 2Q-8722, 2Q-8733, 2Q-8744, 2Q-8749, 2Q-8752, 2Q-8753 STEEL MILL AR
AN ATTACHMENT

SMCS-3081, 3108

i03010502

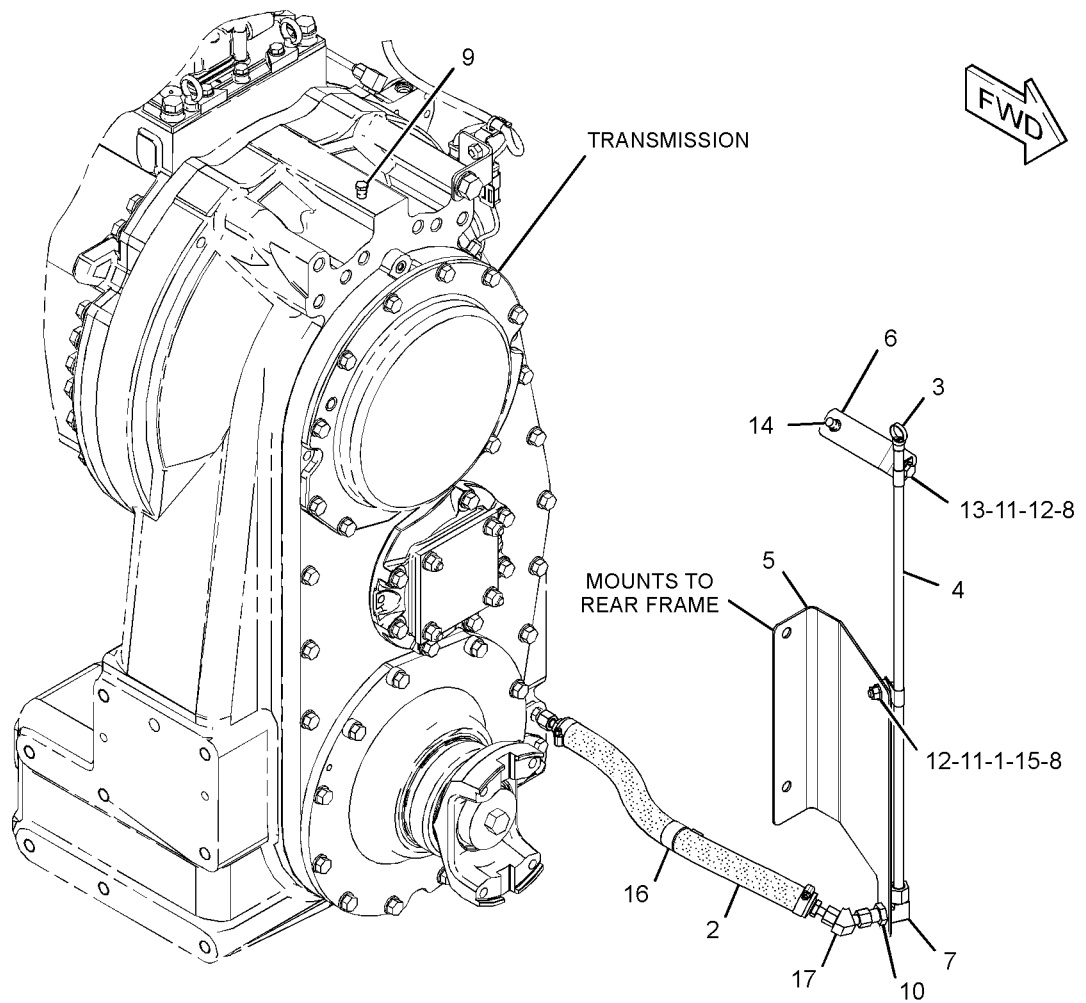
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8R-5144	1	WASHER (12X30X9-MM THK)						
	2	1	189-7157	1	HOSE AS						
	3	1	189-7592	1	GAUGE AS						
	4	1	189-7593	1	TUBE AS						
	5	1	189-7594	1	PLATE						
	6	1	189-7595	1	BRACKET						
	7	1	162-3052	1	ELBOW AS						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8398	1	SEAL-O-RING						
		1	8T-0130	1	ELBOW						
	8	1	4B-0418	2	CLIP						
	9	1	5M-6213	1	PLUG-PIPE						
	10	1	6V-9168	1	NUT (11/16-16-THD)						
	11	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	12	1	8T-4133	2	NUT (M10X1.5-THD)						
M	13	1	8T-4136	1	BOLT (M10X1.5X25-MM)						
M	14	1	8T-4183	1	BOLT (M12X1.75X40-MM)						
M	15	1	8T-4195	1	BOLT (M10X1.5X30-MM)						
	16	1	6V-1889	1	CLIP						
	17	1	148-8371	1	ELBOW AS						
		1	6V-8397	1	SEAL-O-RING						
		1	8C-8988	1	ELBOW						

M-METRIC PART

POWER TRAIN

189-7590 GAUGE GP-OIL LEVEL (DIPSTICK) (contd.)

i03010502



GRAPHIC #1

<END>

g01704475

POWER TRAIN

139-9189 GAUGE GP-SIGHT-POWER TRAIN OIL

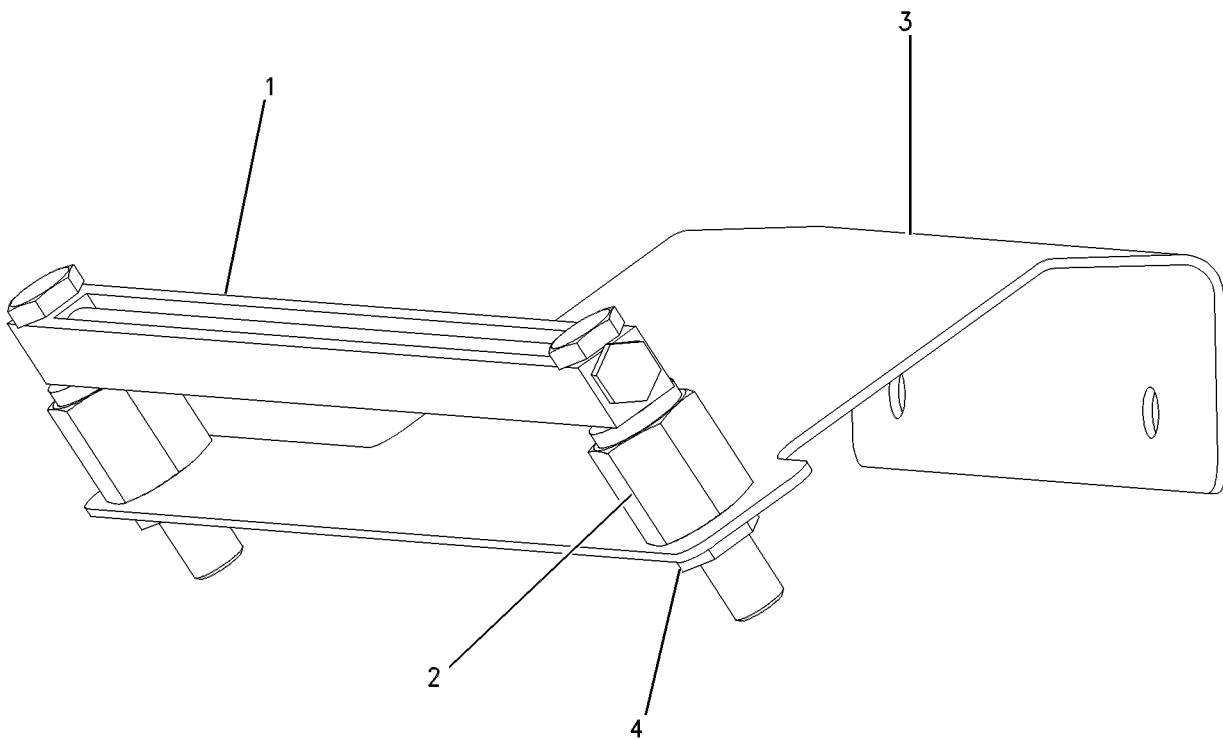
S/N: BXY1-UP

PART OF 225-6709, 345-3936 LINES GP-POWER TRAIN OIL

SMCS-7479

i00933922

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	124-0665	1	GAUGE-LIQUID LEVEL						
		1	8F-3469	2	SEAL-O-RING						
		1	121-7958	2	BOLT-MOUNTING (1/2-20X1.75-IN)						
	2	1	124-0689	2	ADAPTER						
	3	1	158-6153	1	PLATE						
	4	1	6V-9168	2	NUT (11/16-16-THD)						



GRAPHIC #1

<END>

g00490743

POWER TRAIN

232-1104 GEAR GP-INPUT TRANSFER

S/N: SMA114-UP; DRT1-UP

PART OF 230-6315, 261-1463 TRANSMISSION AR
ALSO AN ATTACHMENT

SMCS-3159

i02380615

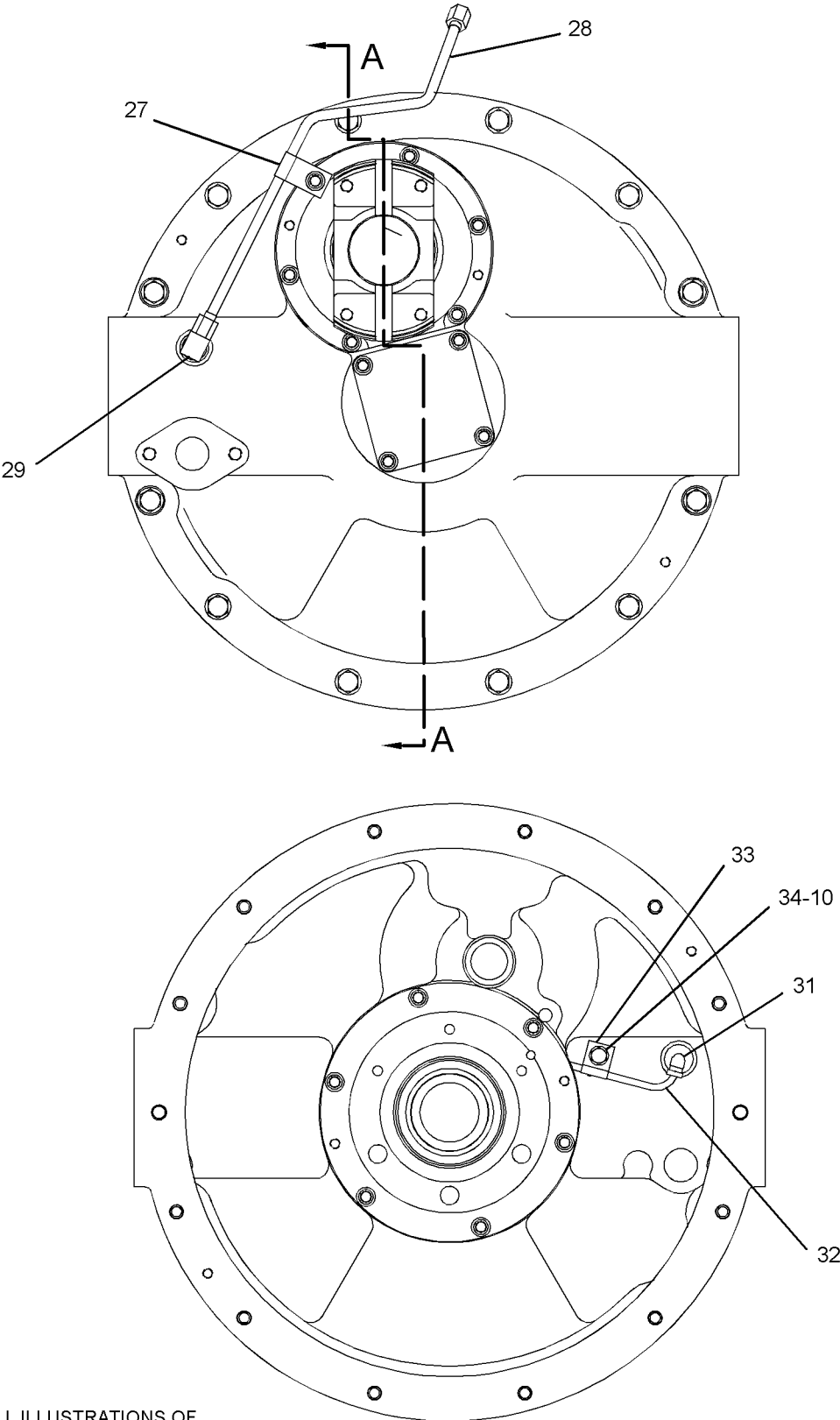
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	147-8561	1	CASE-TRANSFER						
	2	2	0S-1585	12	BOLT (1/2-13X1.5-IN)						
	3	2	5P-8245	12	WASHER-HARD (13.5X25.5X3-MM THK)						
	4	2	173-1830	1	GEAR (32-TEETH)						
	5	2	3L-9409	1	CUP-BEARING						
	6	2	3L-9410	1	CONE-BEARING						
B	7	2	147-8563	1	SHIM PACK (INCLUDES 9-SHIMS)						
	8	2	147-8562	1	CAGE-BEARING						
	9	2	9L-7494	6	BOLT-12 POINT HEAD (3/8-16X1.25-IN)						
	10	1, 2	5M-2894	17	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	11	2	9X-7743	1	SEAL-LIP TYPE						
	12	2	148-8889	1	YOKE AS						
		2	8H-2768	1	PLUG-CUP						
	13	2	2K-4472	1	SEAL-O-RING						
	14	2	2N-0822	1	PLATE						
	15	2	3P-6061	1	GASKET						
	16	2	030-8539	4	BOLT-12 POINT HEAD (3/8-16X1.125-IN)						
	17	2	9S-7949	1	CUP-BEARING						
	18	2	9S-7950	1	CONE-BEARING						
	19	2	173-1827	1	GEAR (29-TEETH)						
B	20	2	3P-9658	1	SHIM PACK (INCLUDES 17-SHIMS)						
	21	2	6V-1270	6	BOLT-12 POINT HEAD (3/8-16X1.125-IN)						
	22	2	187-0678	1	CAGE-BEARING						
	23	2	7D-8636	1	CONE-BEARING						
	24	2	7D-8637	1	CUP-BEARING						
	25	2	1B-3953	1	CONE-BEARING						
	26	2	1B-3955	1	CUP-BEARING						
	27	1	7B-1597	1	CLIP						
	28	1	231-9458	1	TUBE AS						
	29	1	164-6877	1	ELBOW AS						
		1	030-7947	1	ELBOW						
		1	3J-1907	1	SEAL-O-RING						
	31	1	5K-9243	1	ELBOW-FLARED						
	32	1	179-6998	1	TUBE AS						
	33	1	2B-2404	1	CLIP						
	34	1	0T-0102	1	BOLT (3/8-16X0.625-IN)						

B-USE AS REQUIRED

POWER TRAIN

232-1104 GEAR GP-INPUT TRANSFER (contd.)

i02380615



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

VIEW B-B

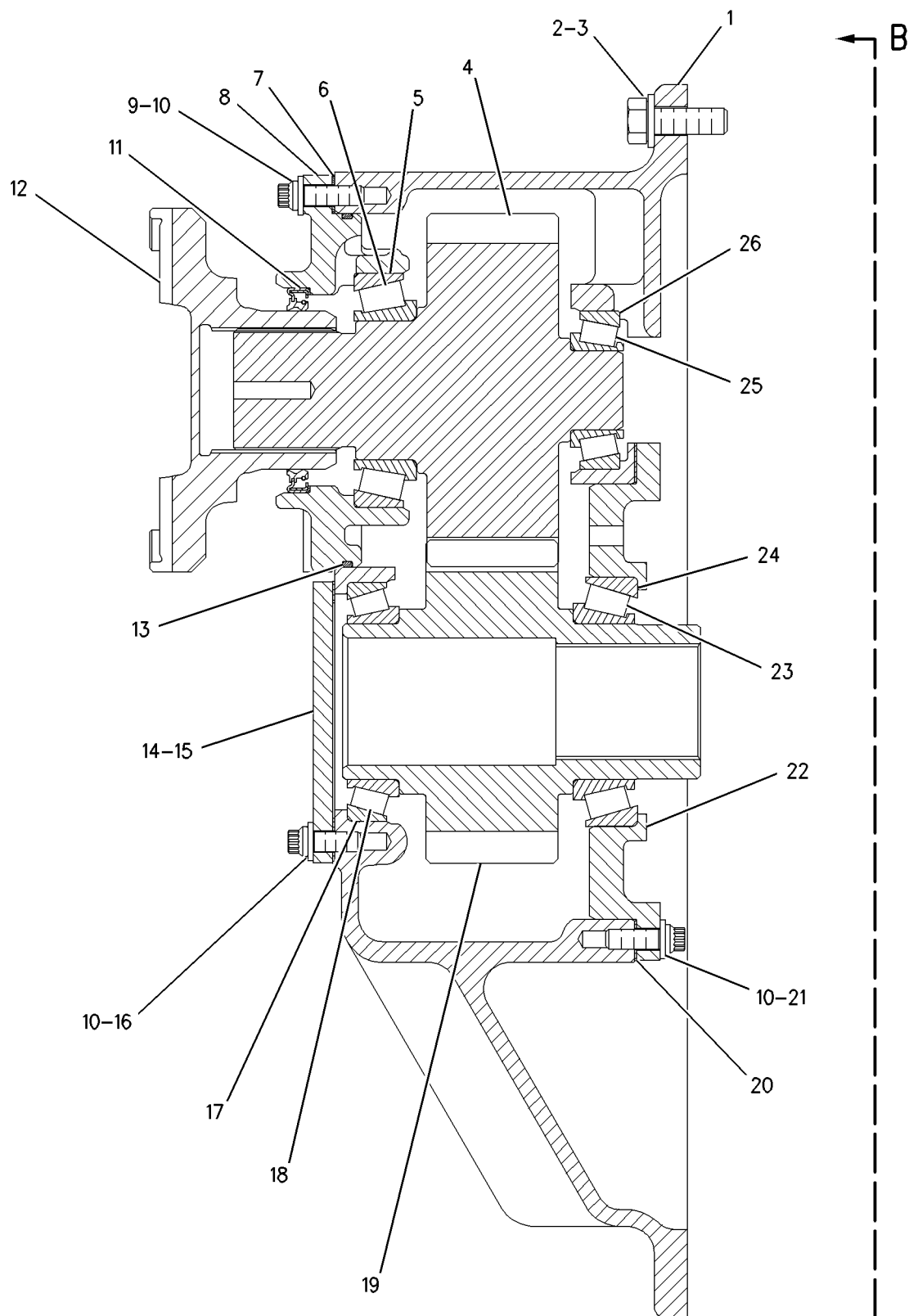
GRAPHIC #1

g01189026

POWER TRAIN

232-1104 GEAR GP-INPUT TRANSFER (contd.)

i02380615



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

SECTION A-A
GRAPHIC 2

GRAPHIC #2

<END>

g00701028

POWER TRAIN

133-8116 GEAR GP-OUTPUT TRANSFER

S/N: DRT1-826

PART OF 230-6315 TRANSMISSION AR

SMCS-3075, 3159

i02396584

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	134-9817	1	CASE AS-TRANSFER	
		2	0S-1594	1	BOLT (3/8-16X1-IN)	
		2	4D-6473	2	DOWEL	
		2	5M-2894	1	WASHER-HARD (10.2X18.5X2.5-MM THK)	
		2	173-2469	1	COVER-TRANSFER	
		2	8M-8659	2	DOWEL	
B	2	2	6Y-6328	1	SHIM PACK (INCLUDES 13-SHIMS)	
	3	1,2	0S-1587	11	BOLT (1/2-13X1.75-IN)	
	4	1,2	5P-8245	39	WASHER-HARD (13.5X25.5X3-MM THK)	
	5	2	123-5298	1	CAGE-BEARING	
B	6	2	6Y-6329	1	SHIM PACK (INCLUDES 13-SHIMS)	
	7	2	123-2997	1	CAGE AS-BEARING	
		2	3D-0490	4	STUD-TAPERLOCK (1/2-13X1.97-IN)	
	8	2	3F-5792	1	SEAL-O-RING	
	9	2	1P-9269	1	COVER	
	10	2	1F-7958	4	NUT-FULL (1/2-13-THD)	
	11	2	1A-1460	7	BOLT (1/2-13X2-IN)	
	12	2	173-0715	1	YOKE AS	
	13	2	1P-4079	1	CAGE-BEARING	
	14	2	178-4641	2	CUP-BEARING	
	15	2	178-4640	2	CONE-BEARING	
	16	2	5J-1086	1	SEAL-O-RING	
	17	2	1P-4078	1	SPACER (90.47X107.95X10.08-MM THK)	
	18	2	6P-4947	1	RETAINER	
	19	2	2A-4639	6	BOLT (3/8-16X1.625-IN)	
	20	2	5M-2894	14	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	21	2	6Y-6441	1	SHAFT-TRANSFER	
	22	2	129-0987	1	DRAIN AS	
		2	6J-2419	1	SEAL-O-RING	
		2	8F-0212	1	SEAL-O-RING	
		2	129-0988	1	PLUG	
	23	2	5F-8000	1	SEAL-O-RING	
	24	2	2H-6490	1	BEARING-INNER	
	25	2	2H-6489	1	RACE-BEARING OUTER	
	26	2	2K-4472	1	SEAL-O-RING	
	27	2	1P-4082	1	CAGE-BEARING	
	28	2	173-0714	1	YOKE	
	29	2	266-9266	2	RETAINER	
	30	2	0L-1328	2	BOLT (3/4-16X4-IN)	
	31	2	2H-3933	2	SEAL-O-RING	
	32	2	034-3557	8	BOLT-LOCKING (3/8-16X1.125-IN)	
	33	2	3T-6175	1	GEAR (35-TEETH)	
	34	2	123-2877	1	GEAR-TRANSFER (35-TEETH) (35 TEETH)	
	35	2	124-0503	2	CONE-SPECIAL TAPERED	
	36	2	124-0504	2	CUP-TAPERED	
	37	2	7L-2181	1	SEAL-O-RING	
	38	2	123-2876	1	GEAR-TRANSFER (30-TEETH) (30 TEETH)	
	39	2	1A-8651	2	BOLT (5/8-11X4.5-IN)	
	40	2	5P-8247	20	WASHER-HARD (17X32X3.5-MM THK)	
	41	2	5P-2587	1	SEAL-O-RING	
	42	2	124-0501	2	CONE	
	43	2	124-0502	2	CUP-TAPERED	
	44	2	216-0273	2	SEAL-LIP TYPE	
	45	1	9X-8873	8	BOLT (1/2-13X2.25-IN)	
	46	1	170-7309	3	SPACER (13.5X25.5X11-MM THK)	
	47	1	9X-8874	8	BOLT (1/2-13X3-IN)	

POWER TRAIN

133-8116 GEAR GP-OUTPUT TRANSFER (contd.)

i02396584

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
B	48	1	6V-6640		SEALANT						
	49	2	1B-4367	18	BOLT (5/8-11X3-IN)						
M	50	1	6V-4248	4	BOLT (M10X1.5X25-MM)						
M	51	2	8T-0722	2	BOLT-LOCKING (M10X1.5X30-MM)						
	52	1	6P-4903	1	PLATE AS						
		1	7B-3028	2	SCREW-DRIVE (4X0.187-IN)						
		1	7S-2962	1	WASHER-SPRING (52.3X82.5X9.1-MM THK)						
	53	1, 2	6V-5839	6	WASHER (11X21X2.5-MM THK)						
	54	1	5F-0149	1	SEAL-O-RING						
	55	1	4S-8603	1	SCREEN GP-MAGNETIC						
	56	1	4S-8598	1	SCREEN-SUCTION						
	57	1	160-1638	1	HOUSING-SCREEN						
	58	1	9X-8875	4	BOLT (1/2-13X3.5-IN)						
	59	1	2H-2665	1	SEAL-O-RING						
Y	60	1	193-2550	1	SENSOR GP-SPEED (MAGNETIC, HIGH OUTPUT) (TRANSMISSION OUTPUT 1)						428
Y	60A	1	193-2550	1	SENSOR GP-SPEED (MAGNETIC, HIGH OUTPUT) (TRANSMISSION OUTPUT 2)						428
M	61	1	6V-6317	2	BOLT (M10X1.5X20-MM)						
	62	1	9X-8268	2	WASHER (17.5X30X3.5-MM THK)						
	63	1	1V-6341	2	SEAL						
	64	1	1S-6595	1	GASKET-OIL SUPPLY						
	65	1	5M-3154	1	COVER						

B-USE AS REQUIRED

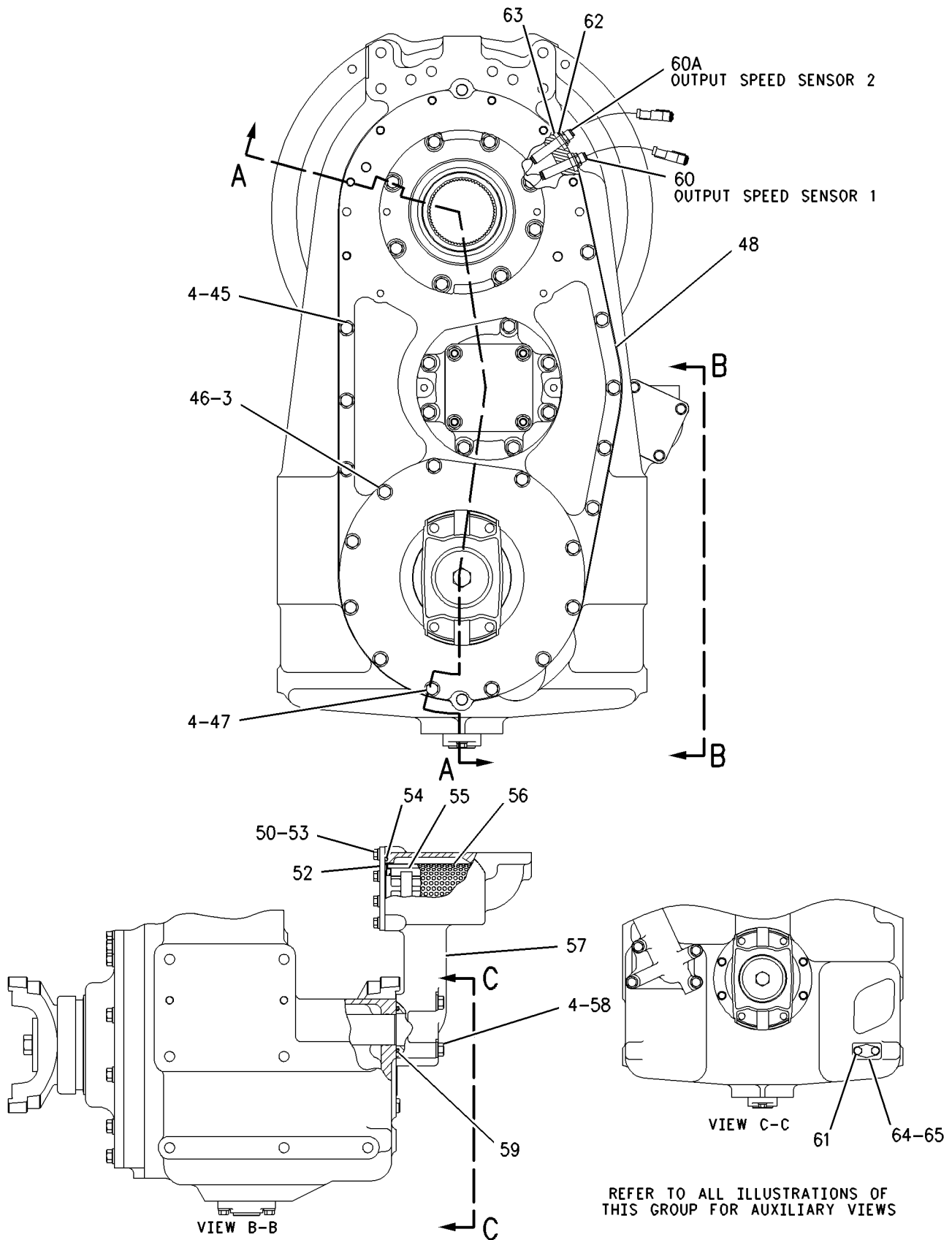
M-METRIC PART

Y-SEPARATE ILLUSTRATION

POWER TRAIN

133-8116 GEAR GP-OUTPUT TRANSFER (contd.)

i02396584



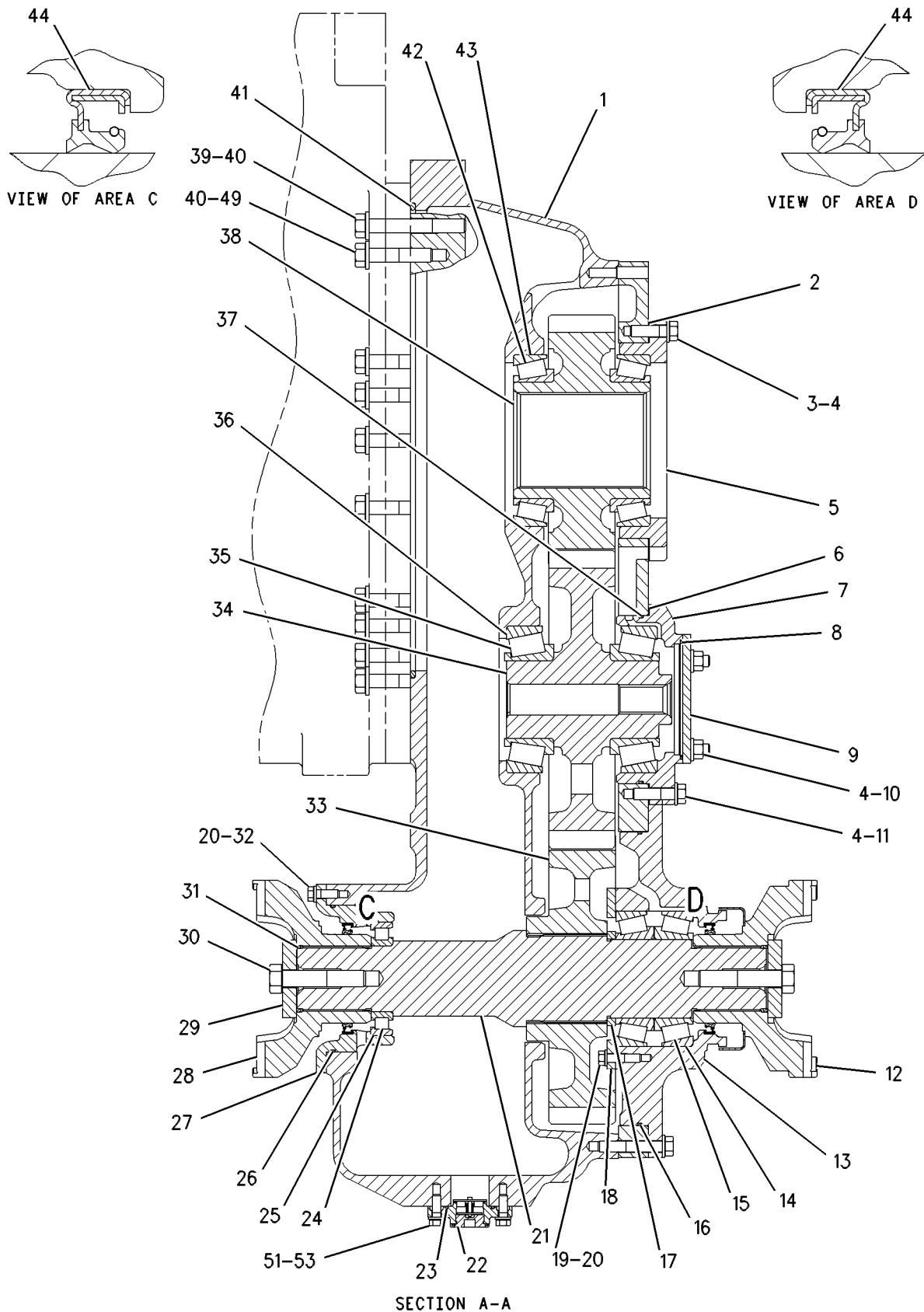
GRAPHIC #1

g00848343

POWER TRAIN

133-8116 GEAR GP-OUTPUT TRANSFER (contd.)

i02396584



GRAPHIC #2

<END>

g00625923

POWER TRAIN

133-8116 GEAR GP-OUTPUT TRANSFER

S/N: SMA114-UP; DRT827-UP

PART OF 230-6315, 261-1463 TRANSMISSION AR
ALSO AN ATTACHMENT

SMCS-3075, 3159

i02580066

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	134-9817	1	CASE AS-TRANSFER						
		2	0S-1594	1	BOLT (3/8-16X1-IN)						
		2	4D-6473	2	DOWEL						
		2	5M-2894	1	WASHER-HARD (10.2X18.5X2.5-MM THK)						
		2	173-2469	1	COVER-TRANSFER						
		2	8M-8659	2	DOWEL						
B	2	2	6Y-6328	1	SHIM PACK (INCLUDES 13-SHIMS)						
	3	1,2	0S-1587	11	BOLT (1/2-13X1.75-IN)						
	4	1,2	5P-8245	39	WASHER-HARD (13.5X25.5X3-MM THK)						
	5	2	123-5298	1	CAGE-BEARING						
B	6	2	6Y-6329	1	SHIM PACK (INCLUDES 13-SHIMS)						
	7	2	123-2997	1	CAGE AS-BEARING						
		2	3D-0490	4	STUD-TAPERLOCK (1/2-13X1.97-IN)						
	8	2	3F-5792	1	SEAL-O-RING						
	9	2	1P-9269	1	COVER						
	10	2	1F-7958	4	NUT-FULL (1/2-13-THD)						
	11	2	1A-1460	7	BOLT (1/2-13X2-IN)						
	12	2	173-0715	1	YOKE AS						
C	13	2	237-9848	1	CAGE-BEARING						
	14	2	178-4641	2	CUP-BEARING						
	15	2	178-4640	2	CONE-BEARING						
	16	2	5J-1086	1	SEAL-O-RING						
	17	2	1P-4078	1	SPACER (90.47X107.95X10.08-MM THK)						
	18	2	6P-4947	1	RETAINER						
	19	2	2A-4639	6	BOLT (3/8-16X1.625-IN)						
	20	2	5M-2894	14	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	21	2	6Y-6441	1	SHAFT-TRANSFER						
C	22	2	9J-7031	1	PLUG-DRAIN						
C	23	2	8T-3298	1	SEAL-RECTANGULAR						
	24	2	2H-6490	1	BEARING-INNER						
	25	2	2H-6489	1	RACE-BEARING OUTER						
	26	2	2K-4472	1	SEAL-O-RING						
C	27	2	237-9849	1	CAGE-BEARING						
	28	2	173-0714	1	YOKE						
	29	2	266-9266	2	RETAINER						
	30	2	0L-1328	2	BOLT (3/4-16X4-IN)						
	31	2	2H-3933	2	SEAL-O-RING						
	32	2	034-3557	8	BOLT-LOCKING (3/8-16X1.125-IN)						
	33	2	3T-6175	1	GEAR (35-TEETH)						
	34	2	123-2877	1	GEAR-TRANSFER (35-TEETH) (35 TEETH)						
	35	2	124-0503	2	CONE-SPECIAL TAPERED						
	36	2	124-0504	2	CUP-TAPERED						
	37	2	7L-2181	1	SEAL-O-RING						
	38	2	123-2876	1	GEAR-TRANSFER (30-TEETH) (30 TEETH)						
	39	2	1A-8651	2	BOLT (5/8-11X4.5-IN)						
	40	2	5P-8247	20	WASHER-HARD (17X32X3.5-MM THK)						
	41	2	5P-2587	1	SEAL-O-RING						
	42	2	124-0501	2	CONE						
	43	2	124-0502	2	CUP-TAPERED						
C	44	2	133-4292	2	SEAL-LIP TYPE						
	45	1	9X-8873	8	BOLT (1/2-13X2.25-IN)						
	46	1	170-7309	3	SPACER (13.5X25.5X11-MM THK)						
	47	1	9X-8874	8	BOLT (1/2-13X3-IN)						
B	48	1	6V-6640		SEALANT						
	49	2	1B-4367	18	BOLT (5/8-11X3-IN)						

POWER TRAIN

133-8116 GEAR GP-OUTPUT TRANSFER (contd.)

i02580066

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	50	1	6V-4248	4	BOLT (M10X1.5X25-MM)						
M	51	2	8T-0722	2	BOLT-LOCKING (M10X1.5X30-MM)						
	52	1	6P-4903	1	PLATE AS						
		1	7B-3028	2	SCREW-DRIVE (4X0.187-IN)						
		1	7S-2962	1	WASHER-SPRING (52.3X82.5X9.1-MM THK)						
	53	1, 2	6V-5839	6	WASHER (11X21X2.5-MM THK)						
	54	1	5F-0149	1	SEAL-O-RING						
	55	1	4S-8603	1	SCREEN GP-MAGNETIC						
	56	1	4S-8598	1	SCREEN-SUCTION						
	57	1	160-1638	1	HOUSING-SCREEN						
	58	1	9X-8875	4	BOLT (1/2-13X3.5-IN)						
	59	1	2H-2665	1	SEAL-O-RING						
Y	60	1	193-2550	1	SENSOR GP-SPEED (MAGNETIC, HIGH OUTPUT) (TRANSMISSION OUTPUT 1)						428
Y	60A	1	193-2550	1	SENSOR GP-SPEED (MAGNETIC, HIGH OUTPUT) (TRANSMISSION OUTPUT 2)						428
M	61	1	6V-6317	2	BOLT (M10X1.5X20-MM)						
	62	1	9X-8268	2	WASHER (17.5X30X3.5-MM THK)						
	63	1	1V-6341	2	SEAL						
	64	1	1S-6595	1	GASKET-OIL SUPPLY						
	65	1	5M-3154	1	COVER						
C	66	2	5M-2057	1	SEAL-O-RING						
C	67	2	7B-3039	1	SPRING						
C	68	2	1U-2827	1	GUIDE-VALVE						
C	69	2	8J-8783	1	VALVE						
C	70	2	8J-8782	1	BODY-DRAIN VALVE						

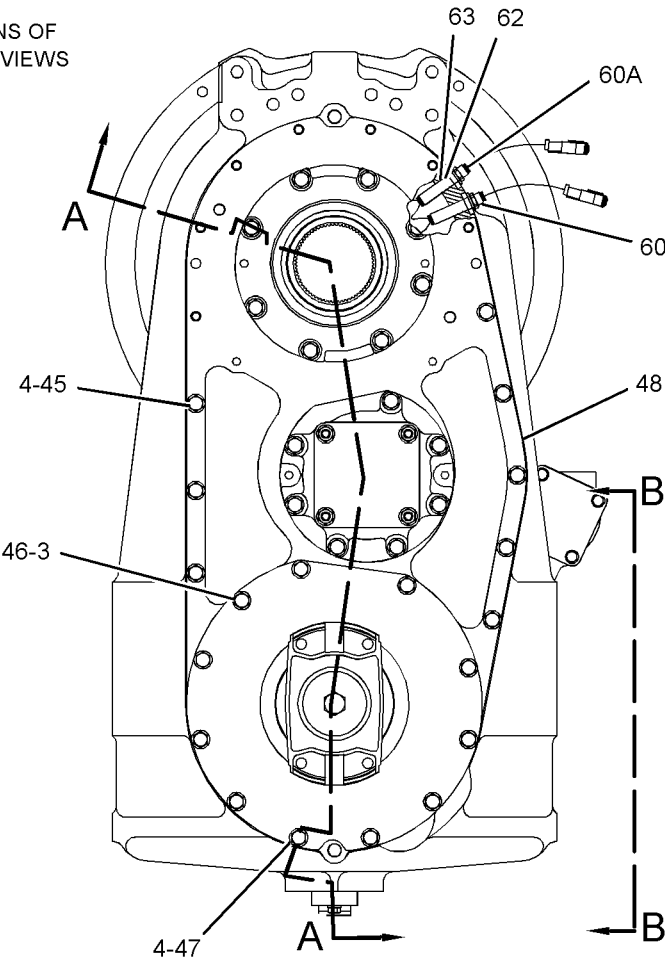
B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
M-METRIC PART
Y-SEPARATE ILLUSTRATION

POWER TRAIN

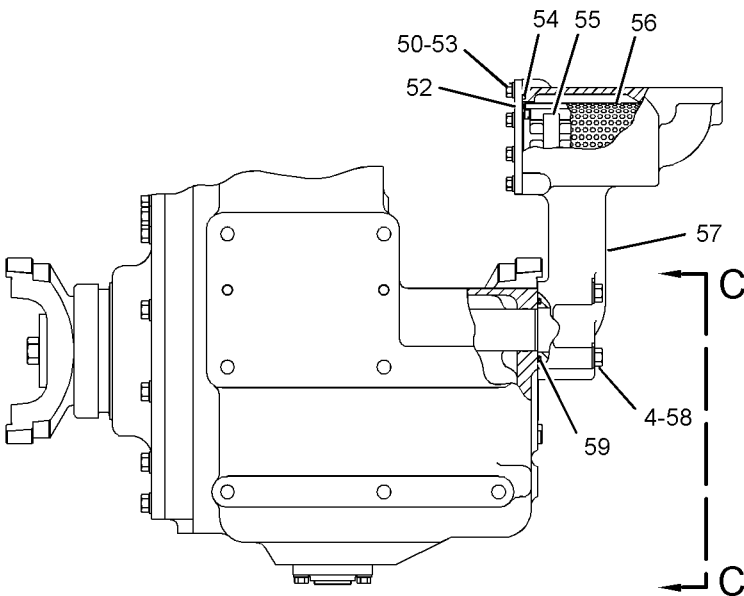
133-8116 GEAR GP-OUTPUT TRANSFER (contd.)

i02580066

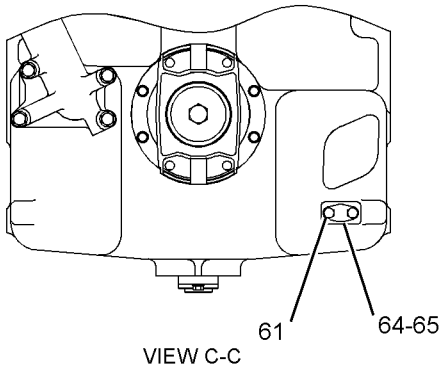
REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



FRONT VIEW



VIEW B-B



VIEW C-C

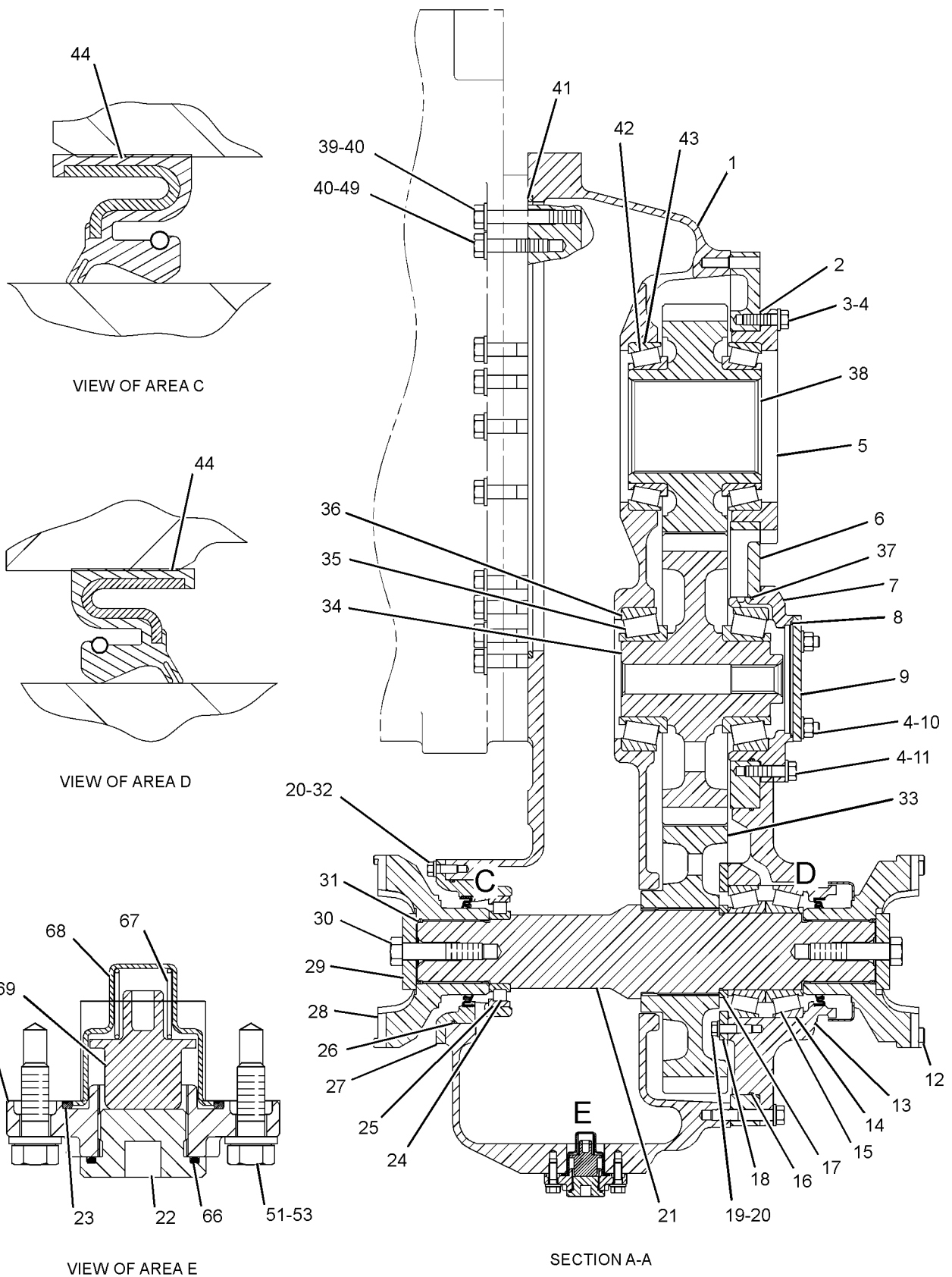
GRAPHIC #1

g01298850

POWER TRAIN

133-8116 GEAR GP-OUTPUT TRANSFER (contd.)

i02580066



GRAPHIC #2

<END>

g01298851

POWER TRAIN

189-7253 LINES GP-AXLE OIL COOLER

S/N: BXY1900-UP

PART OF 227-3317 CONVERSION GP-HYDRAULIC LINES, 329-8109 INSULATION GP-HEAT
AN ATTACHMENT

SMCS-1365, 3016

i02887202

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
I	189-7152	1	HOSE	AS					
I	189-7153	1	HOSE	AS					
I-REFER TO HYDRAULIC INFORMATION SYSTEM									
<END>									

POWER TRAIN

246-4545 LINES GP-AXLE OIL COOLER-FRONT

S/N: BXY1-3999

PART OF 259-8449 COOLER AR-AXLE OIL
AN ATTACHMENT

SMCS-1365, 3016

i03370701

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	4K-6066	2	CLIP						
	2	2	141-7072	1	BLOCK						
	3	2	159-8614	1	PLATE AS						
	4	2	159-8615	1	PLATE AS						
	5	1	197-3295	4	FLANGE-HALF						
I	6	1	198-3406	1	HOSE AS						
I	7	1	198-3407	1	HOSE AS						
	8	1	220-8796	1	BRACKET AS						
	9	2	221-1879	1	TUBE AS						
	10	1	221-1880	1	TUBE AS						
	11	2	221-1881	1	TUBE AS						
	12	1	221-1882	1	TUBE AS						
	13	2	246-2812	1	TUBE AS						
	14	2	246-2813	1	TUBE AS						
	15	2	148-8327	1	CONNECTOR AS						
		2	3D-2824	1	SEAL-O-RING						
		2	6V-8637	1	CONNECTOR						
		2	6V-9746	1	SEAL-O-RING						
	16	2	148-8333	1	CONNECTOR AS						
		2	6V-8400	1	SEAL-O-RING						
		2	7M-8485	1	SEAL-O-RING						
		2	8T-7927	1	CONNECTOR						
	17	1	148-8347	1	ELBOW AS						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-9007	1	ELBOW						
		1	6V-9746	1	SEAL-O-RING						
	18	2	148-8359	2	ELBOW AS						
					(EACH INCLUDES)						
		2	3K-0360	1	SEAL-O-RING						
		2	6V-9746	1	SEAL-O-RING						
		2	6V-9877	1	ELBOW						
	19	2	148-8387	1	ELBOW AS						
		2	6V-8400	1	SEAL-O-RING						
		2	6V-9855	1	ELBOW						
	20	2	153-6237	2	ELBOW AS						
					(EACH INCLUDES)						
		2	3D-2824	1	SEAL-O-RING						
		2	6V-9004	1	ELBOW						
		2	6V-9746	1	SEAL-O-RING						
	21	1	329-5778	1	PLATE						
	22	1	3E-9411	2	WASHER-HARD (17.5X38X6-MM THK)						
	23	1	4J-0520	1	SEAL-O-RING						
	24	1	4J-0522	2	SEAL-O-RING						
	25	1	4J-5267	1	SEAL-O-RING						
	26	1	5P-7462	2	CLIP (SLOT)						
	27	1	5P-7463	2	CLIP (TAB)						
	28	1,2	5P-7468	2	CLIP (SLOT)						
	29	1,2	5P-7469	2	CLIP (TAB)						
	30	1	6V-0683	2	GROMMET						
	31	1,2	6V-1874	2	GROMMET						
	32	2	6V-8400	1	SEAL-O-RING						
	33	2	6V-9746	1	SEAL-O-RING						
	34	1	7X-3392	8	WASHER-HARD (13.5X22.5X3-MM THK)						
	35	1	8C-3205	2	FLANGE-HALF						
	36	1	8C-3206	2	FLANGE-HALF						

POWER TRAIN

246-4545 LINES GP-AXLE OIL COOLER (contd.)

i03370701

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	37	1, 2	8T-4121	24	WASHER-HARD (11X21X2.5-MM THK)						
M	38	1, 2	8T-4136	10	BOLT (M10X1.5X25-MM)						
M	39	1	8T-4139	4	BOLT (M12X1.75X30-MM)						
M	40	1	8T-4140	2	BOLT (M16X2X60-MM)						
M	41	1	8T-4183	2	BOLT (M12X1.75X40-MM)						
M	42	1, 2	8T-4195	4	BOLT (M10X1.5X30-MM)						
M	43	1	8T-4196	8	BOLT (M10X1.5X35-MM)						
	44	1	5P-1076	2	WASHER-HARD (13.5X30X4-MM THK)						
M	45	1	8T-4956	4	BOLT (M12X1.75X35-MM)						
M	46	2	8T-5005	2	BOLT (M10X1.5X70-MM)						

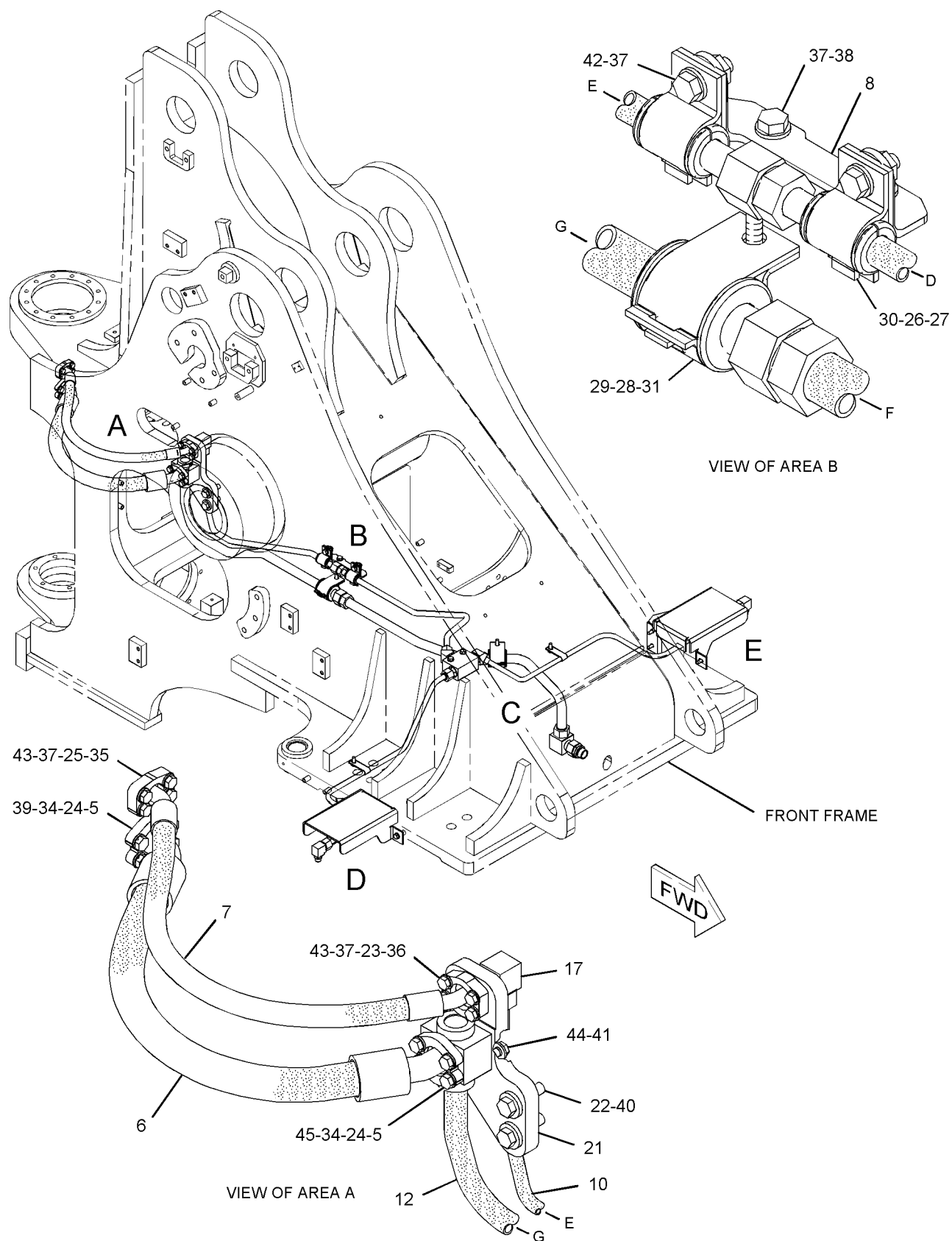
I-REFER TO HYDRAULIC INFORMATION SYSTEM

M-METRIC PART

POWER TRAIN

246-4545 LINES GP-AXLE OIL COOLER (contd.)

i03370701



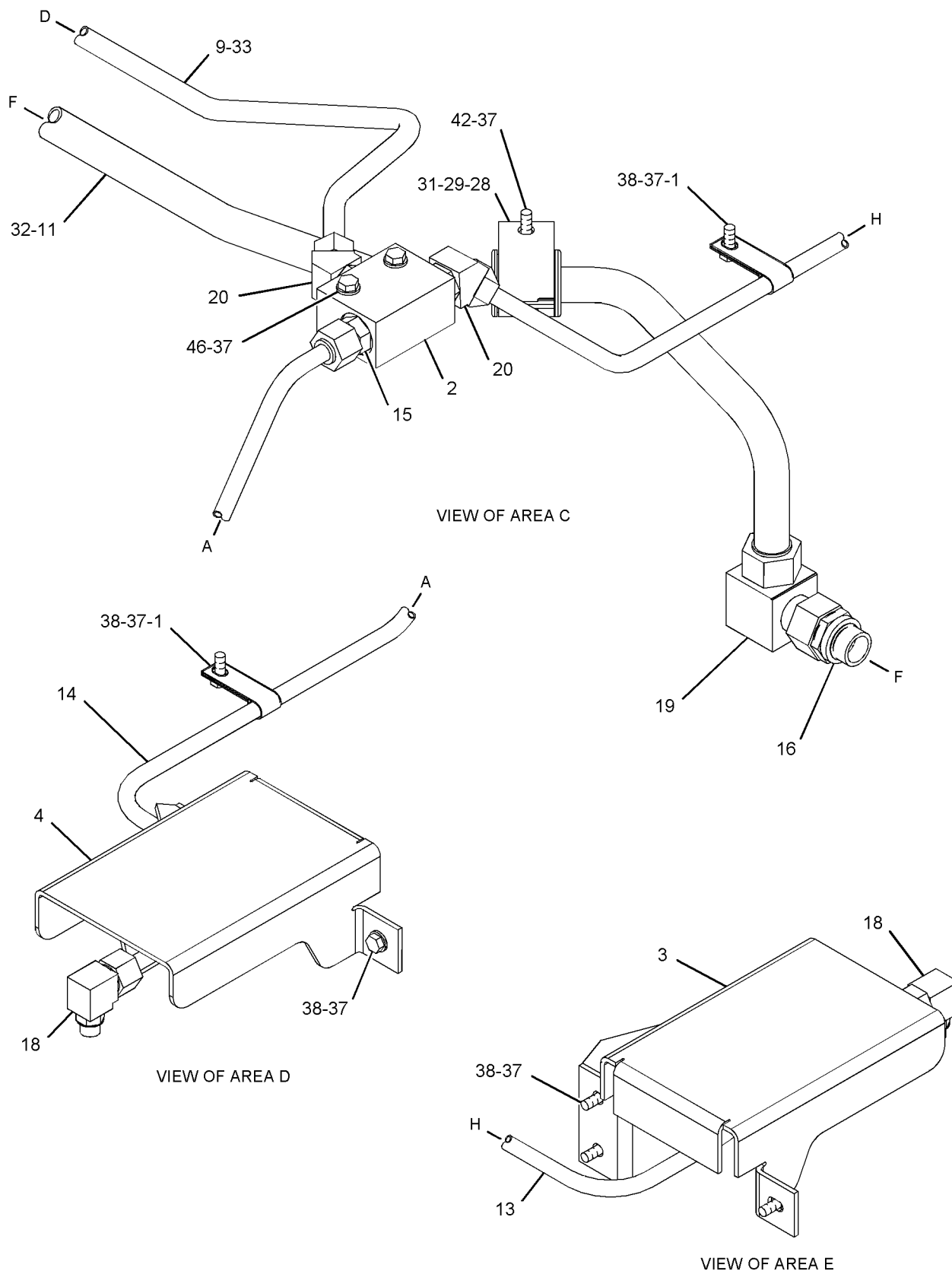
GRAPHIC #1

g01124712

POWER TRAIN

246-4545 LINES GP-AXLE OIL COOLER (contd.)

i03370701



GRAPHIC #2

<END>

g01124713

POWER TRAIN

257-7810 LINES GP-AXLE OIL COOLER-REAR

S/N: BXY1-696

PART OF 259-8449 COOLER AR-AXLE OIL
AN ATTACHMENT

SMCS-1365, 3016

i02489890

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	5	1	138-4050	1	BRACKET AS						
	6	1	141-7072	1	BLOCK						
	7	2	155-0054	1	PLATE						
	8	2	171-5415	1	TUBE AS						
	9	1	185-0004	1	CONNECTOR AS						
		1	2S-4078	1	SEAL-O-RING						
		1	6V-8400	1	SEAL-O-RING						
		1	9X-6015	1	CONNECTOR						
	10	2	197-3295	2	FLANGE-HALF						
I	11	2	203-9368	1	HOSE AS						
	12	1	203-9369	1	TUBE AS						
	13	1	229-0659	1	PUMP GP-GEAR (AXLE OIL COOLER)						
		1	9X-2327	4	WASHER (11X18.5X2.5-MM THK)						
		1	286-3219	4	BOLT (M10X1.5X300-MM)						
		1	204-0157	1	KIT-SEAL						
					(INCLUDES 2 RING-BACKUP, 8 DOWEL PINS, 2 SEAL FLANGE SHAFT, 4 E-SEAL, 4 RING BACKUP (E-SEAL), 1 RING-RETAINING, 2-SEAL-DISTANCE PLATE SHAFT, AND 12 O-RING SEALS)						
		1	228-7026	2	KIT-RELIEF VALVE (PUMP)						
	14	2	234-3550	1	TUBE AS						
I	15	1	234-3551	1	HOSE AS						
	16	1	246-2817	1	TUBE AS						
	17	1	246-2818	1	TUBE AS						
I	18	1	246-4546	1	HOSE AS						
	19	2	246-4559	1	BRACKET						
I	20	1	257-7806	1	HOSE AS						
I	21	1	257-7807	1	HOSE AS						
	22	1	148-8327	3	CONNECTOR AS						
					(EACH INCLUDES)						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-8637	1	CONNECTOR						
		1	6V-9746	1	SEAL-O-RING						
	23	1	148-8334	1	CONNECTOR AS						
		1	2S-4078	1	SEAL-O-RING						
		1	6V-8400	1	SEAL-O-RING						
		1	8T-3611	1	CONNECTOR						
	24	1	148-8339	1	CONNECTOR AS						
		1	6V-8716	1	CONNECTOR						
		1	6V-9746	1	SEAL-O-RING						
		1	7M-8485	1	SEAL-O-RING						
	25	1	148-8359	2	ELBOW AS						
					(EACH INCLUDES)						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-9746	1	SEAL-O-RING						
		1	6V-9877	1	ELBOW						
	26	1	148-8360	1	ELBOW AS						
		1	6V-9182	1	ELBOW						
		1	6V-9746	1	SEAL-O-RING						
		1	7M-8485	1	SEAL-O-RING						
	27	1	148-8387	1	ELBOW AS						
		1	6V-8400	1	SEAL-O-RING						
		1	6V-9855	1	ELBOW						
	28	1	148-8392	1	ELBOW AS						
		1	6V-9746	1	SEAL-O-RING						

POWER TRAIN

257-7810 LINES GP-AXLE OIL COOLER (contd.)

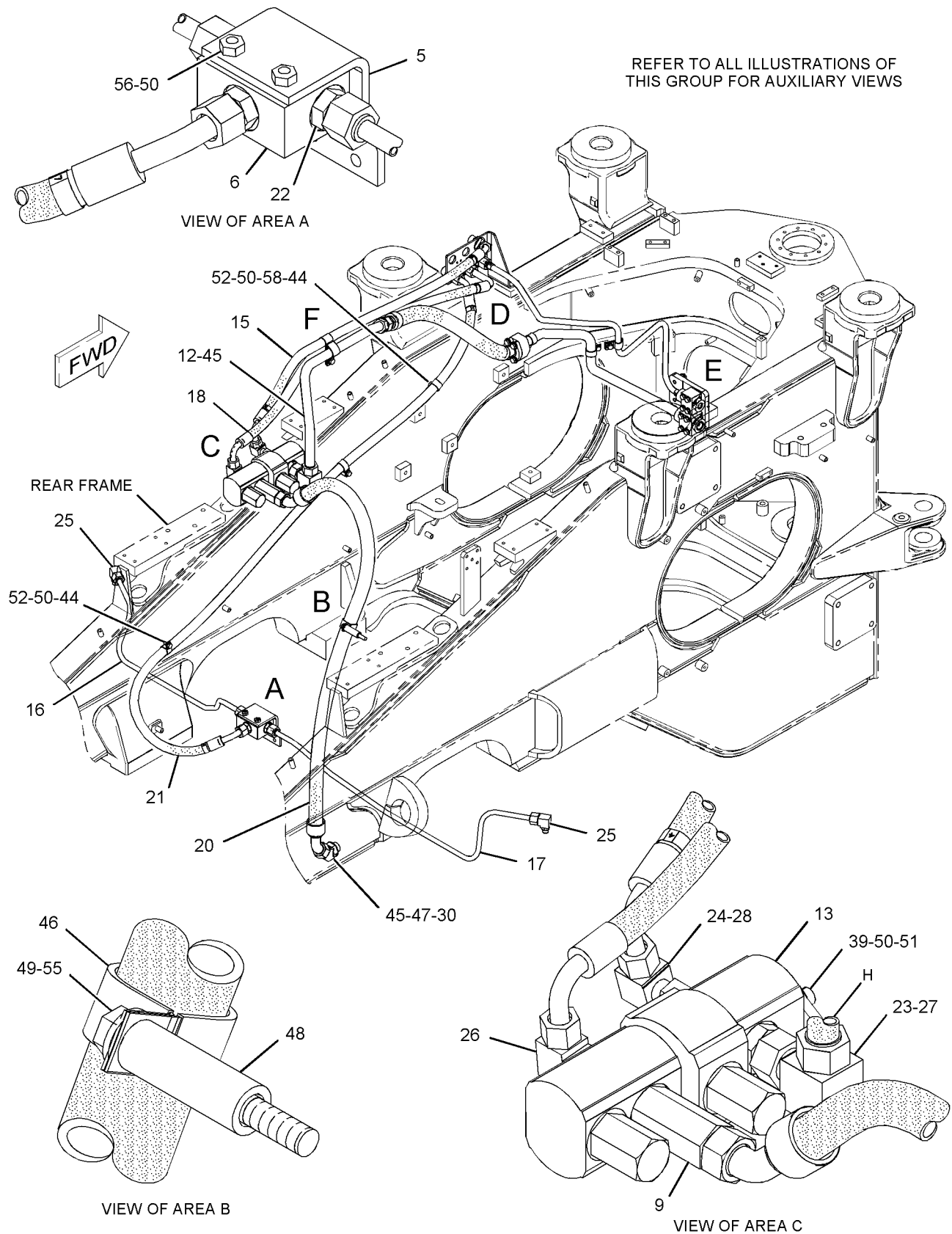
i02489890

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	6V-9853	1	ELBOW						
	29	2	148-8455	3	UNION AS						
					(EACH INCLUDES)						
		2	6V-8997	1	UNION						
		2	6V-9746	2	SEAL-O-RING						
	30	1	152-9840	1	ELBOW						
	31	2	165-4933	1	ELBOW AS						
		2	6V-8990	1	ELBOW						
		2	6V-9746	2	SEAL-O-RING						
	32	2	177-8839	1	CLIP						
	33	2	1P-3703	1	SEAL-RECTANGULAR						
	34	2	1P-3704	1	SEAL-RECTANGULAR						
	35	2	2H-3926	8	LOCKWASHER						
	36	2	2P-1293	4	LOCKNUT (1-3/16-12-THD)						
	37	2	4J-0522	1	SEAL-O-RING						
	38	2	4S-4455	2	CLIP						
	39	1	6D-1004	1	GASKET						
	40	2	6K-4934	1	CLIP (SLOT)						
	41	2	6K-4935	1	CLIP (TAB)						
	42	2	9X-2647	1	CLIP (TAB)						
	43	2	6K-5291	1	CLIP (SLOT)						
	44	1	6V-1889	3	CLIP						
	45	1	6V-8400	2	SEAL-O-RING						
	46	1	7D-1553	1	CLIP						
	47	1	7M-8485	1	SEAL-O-RING						
	48	1	7S-3998	1	SPACER (2.47-IN THK)						
M	49	1	7X-2549	1	BOLT (M12X1.75X100-MM)						
	50	1,2	8T-4121	19	WASHER-HARD (11X21X2.5-MM THK)						
M	51	1,2	8T-4136	3	BOLT (M10X1.5X25-MM)						
M	52	1,2	8T-4137	6	BOLT (M10X1.5X20-MM)						
M	53	2	8T-4139	1	BOLT (M12X1.75X30-MM)						
M	54	2	8T-4183	7	BOLT (M12X1.75X40-MM)						
	55	1,2	8T-4223	9	WASHER-HARD (13.5X25.5X3-MM THK)						
M	56	1,2	8T-5005	6	BOLT (M10X1.5X70-MM)						
M	57	2	8T-6466	4	BOLT (M10X1.5X60-MM)						
M	58	1	9R-2613	1	BOSS-WELD (M10X1.5X25-MM)						
I-REFER TO HYDRAULIC INFORMATION SYSTEM											
M-METRIC PART											

POWER TRAIN

257-7810 LINES GP-AXLE OIL COOLER (contd.)

i02489890



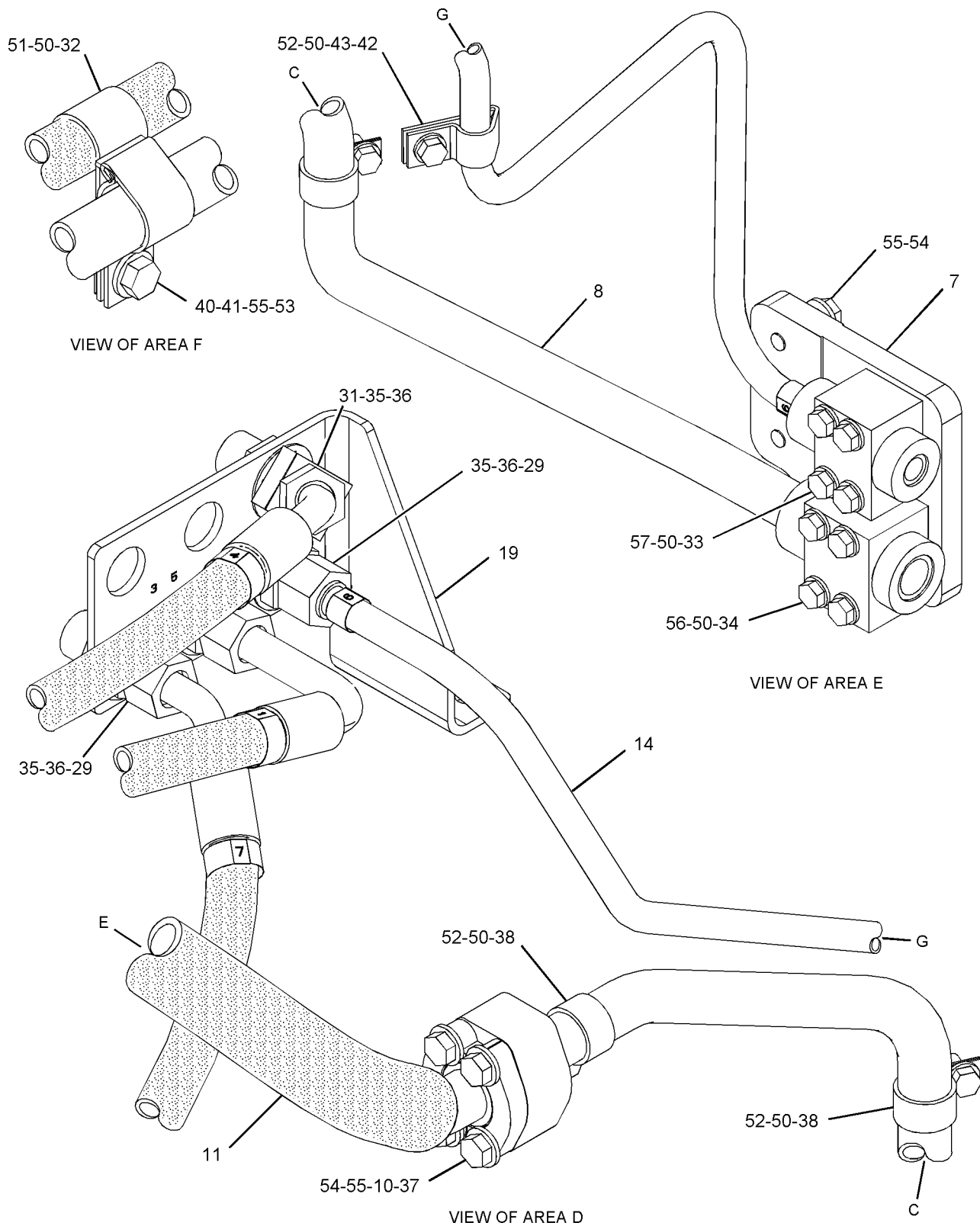
GRAPHIC #1

g01124386

POWER TRAIN

257-7810 LINES GP-AXLE OIL COOLER (contd.)

i02489890



GRAPHIC #2

<END>

g01124387

POWER TRAIN

257-7810 LINES GP-AXLE OIL COOLER-REAR

S/N: BXY697-1099

PART OF 259-8449 COOLER AR-AXLE OIL
AN ATTACHMENT

SMCS-1365, 3016

i02531233

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	4	3	068-0592	2	TAG-IDENTIFICATION (NUMBER 1)						
C	5	3	124-3019	1	BRACKET AS						
M		3	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	6	3	138-4050	1	BRACKET AS						
	7	3	141-7072	1	BLOCK						
	8	2	155-0054	1	PLATE						
CM	9	3	166-1880	2	BOLT (M20X2.5X75-MM)						
	10	2	171-5415	1	TUBE AS						
	11	2	185-0004	1	CONNECTOR AS						
		2	2S-4078	1	SEAL-O-RING						
		2	6V-8400	1	SEAL-O-RING						
		2	9X-6015	1	CONNECTOR						
	12	2	197-3295	2	FLANGE-HALF						
I	13	2	203-9368	1	HOSE AS						
	14	2	203-9369	1	TUBE AS						
	15	2	229-0659	1	PUMP GP-GEAR (AXLE OIL COOLER)						
		2	9X-2327	4	WASHER (11X18.5X2.5-MM THK)						
		2	286-3219	4	BOLT (M10X1.5X300-MM)						
		2	204-0157	1	KIT-SEAL						
					(KIT INCLUDES RINGS, SEALS AND DOWEL PINS)						
		2	292-9911	2	KIT-RELIEF VALVE						
	16	2	234-3550	1	TUBE AS						
I	17	1	234-3551	1	HOSE AS						
	18	1	246-2817	1	TUBE AS						
	19	1	246-2818	1	TUBE AS						
I	20	1	246-4546	1	HOSE AS						
	21	3	246-4559	1	BRACKET						
CI	22	2	273-3239	1	HOSE AS						
C	23	1	275-7848	1	BRACKET AS						
C	24	1	283-0136	1	BRACKET AS						
CI	25	2	283-0137	1	HOSE AS						
C	26	1, 3	148-8327	2	CONNECTOR AS						
					(EACH INCLUDES)						
		1, 3	3D-2824	1	SEAL-O-RING						
		1, 3	6V-8637	1	CONNECTOR						
		1, 3	6V-9746	1	SEAL-O-RING						
	27	2	148-8334	1	CONNECTOR AS						
		2	2S-4078	1	SEAL-O-RING						
		2	6V-8400	1	SEAL-O-RING						
		2	8T-3611	1	CONNECTOR						
	28	2	148-8339	1	CONNECTOR AS						
		2	6V-8716	1	CONNECTOR						
		2	6V-9746	1	SEAL-O-RING						
		2	7M-8485	1	SEAL-O-RING						
	29	1	148-8359	2	ELBOW AS						
					(EACH INCLUDES)						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-9746	1	SEAL-O-RING						
		1	6V-9877	1	ELBOW						
	30	2	148-8360	1	ELBOW AS						
		2	6V-9182	1	ELBOW						
		2	6V-9746	1	SEAL-O-RING						
		2	7M-8485	1	SEAL-O-RING						
C	31	3	148-8373	1	ELBOW AS						
		3	6V-8400	1	SEAL-O-RING						

POWER TRAIN

257-7810 LINES GP-AXLE OIL COOLER (contd.)

i02531233

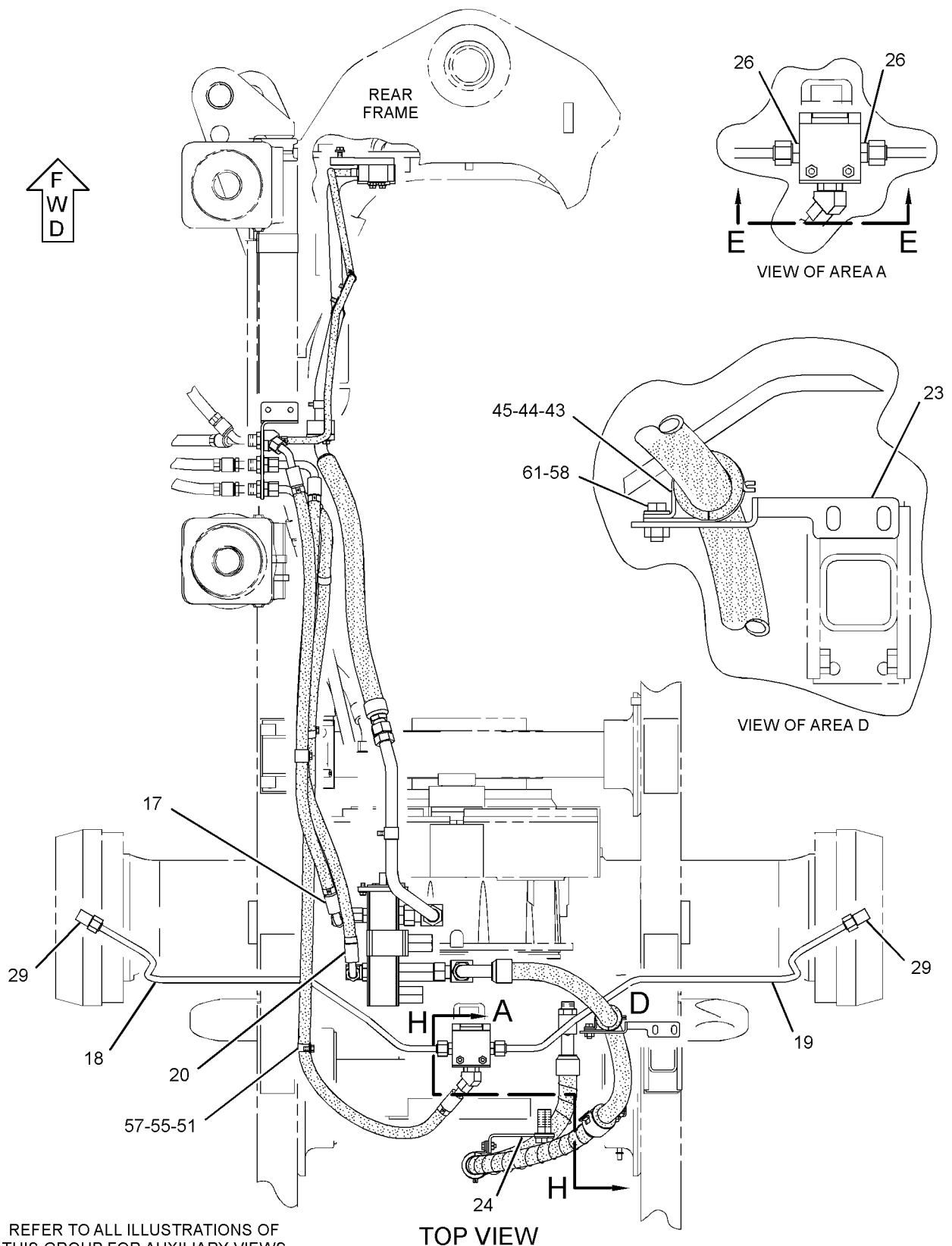
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		3	7M-8485	1	SEAL-O-RING						
		3	8C-3364	1	ELBOW						
	32	2	148-8387	2	ELBOW AS						
					(EACH INCLUDES)						
		2	6V-8400	1	SEAL-O-RING						
		2	6V-9855	1	ELBOW						
	33	2	148-8392	1	ELBOW AS						
		2	6V-9746	1	SEAL-O-RING						
		2	6V-9853	1	ELBOW						
	34	3	148-8455	3	UNION AS						
					(EACH INCLUDES)						
		3	6V-8997	1	UNION						
		3	6V-9746	2	SEAL-O-RING						
C	35	3	153-6237	1	ELBOW AS						
		3	3D-2824	1	SEAL-O-RING						
		3	6V-9004	1	ELBOW						
		3	6V-9746	1	SEAL-O-RING						
	36	3	165-4933	1	ELBOW AS						
		3	6V-8990	1	ELBOW						
		3	6V-9746	2	SEAL-O-RING						
	37	2	1P-3703	1	SEAL-RECTANGULAR						
	38	2	1P-3704	1	SEAL-RECTANGULAR						
	39	3	2H-3926	8	LOCKWASHER						
	40	3	2P-1293	4	LOCKNUT (1-3/16-12-THD)						
	41	2	4J-0522	1	SEAL-O-RING						
	42	2	4S-4455	2	CLIP						
C	43	1,3	5P-7470	3	CLIP (SLOT)						
C	44	1,3	5P-7471	3	CLIP (TAB)						
C	45	1,3	5P-8182	3	GROMMET						
	46	2	6D-1004	1	GASKET						
	47	2	6K-4934	1	CLIP (SLOT)						
	48	2	6K-4935	1	CLIP (TAB)						
	49	2	6K-5290	1	CLIP (TAB)						
	50	2	6K-5291	1	CLIP (SLOT)						
	51	1,2	6V-1889	3	CLIP						
C	52	2	6V-8400	1	SEAL-O-RING						
C	53	2,3	7X-7729	3	WASHER (11X25X3-MM THK)						
C	54	3	8T-3282	4	WASHER-HARD (22X35X3.5-MM THK)						
C	55	1,2,3	8T-4121	18	WASHER-HARD (11X21X2.5-MM THK)						
CM	56	2	8T-4136	3	BOLT (M10X1.5X25-MM)						
M	57	1,2	8T-4137	6	BOLT (M10X1.5X20-MM)						
CM	58	1,2	8T-4139	2	BOLT (M12X1.75X30-MM)						
M	59	2	8T-4183	7	BOLT (M12X1.75X40-MM)						
M	60	3	8T-4195	2	BOLT (M10X1.5X30-MM)						
	61	1,2	8T-4223	9	WASHER-HARD (13.5X25.5X3-MM THK)						
M	62	2,3	8T-5005	6	BOLT (M10X1.5X70-MM)						
M	63	2	8T-6466	4	BOLT (M10X1.5X60-MM)						
C	64	2	9D-1829	1	CLIP						
CE	65	2	206-2736		GUARD-HOSE (56.3-CM)						
CE	65A	2	206-2736		GUARD-HOSE (47.8-CM)						

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

POWER TRAIN

257-7810 LINES GP-AXLE OIL COOLER (contd.)

i02531233



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

TOP VIEW

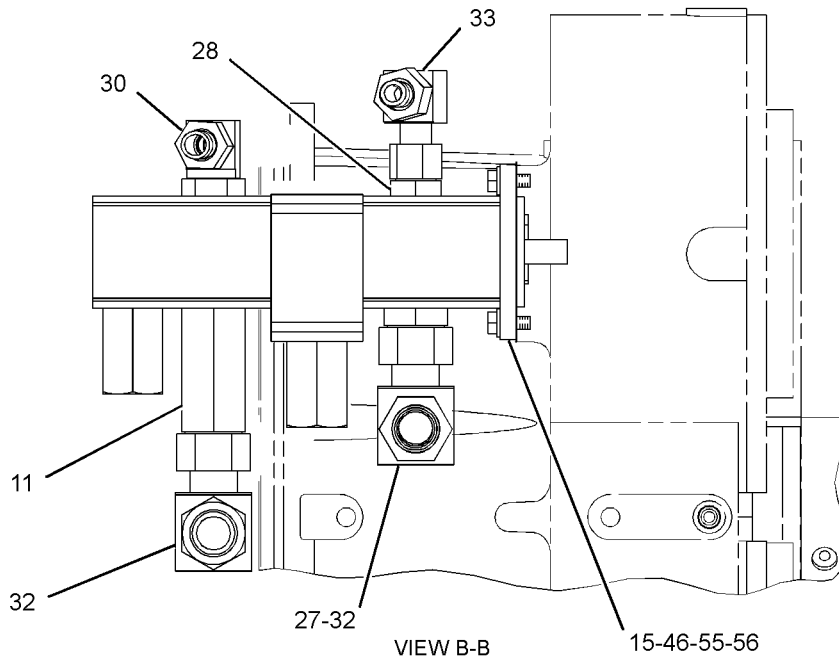
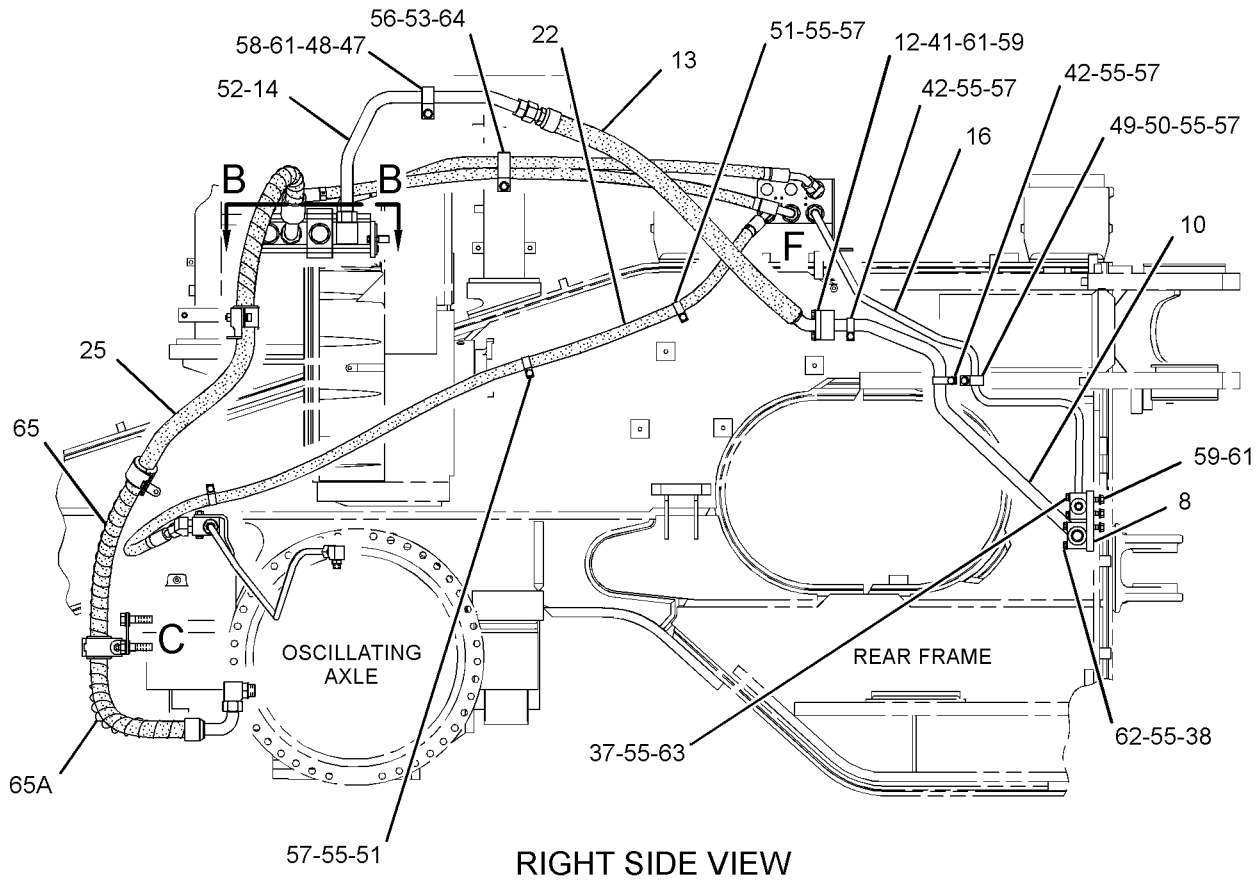
GRAPHIC #1

g01304826

POWER TRAIN

257-7810 LINES GP-AXLE OIL COOLER (contd.)

i02531233



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

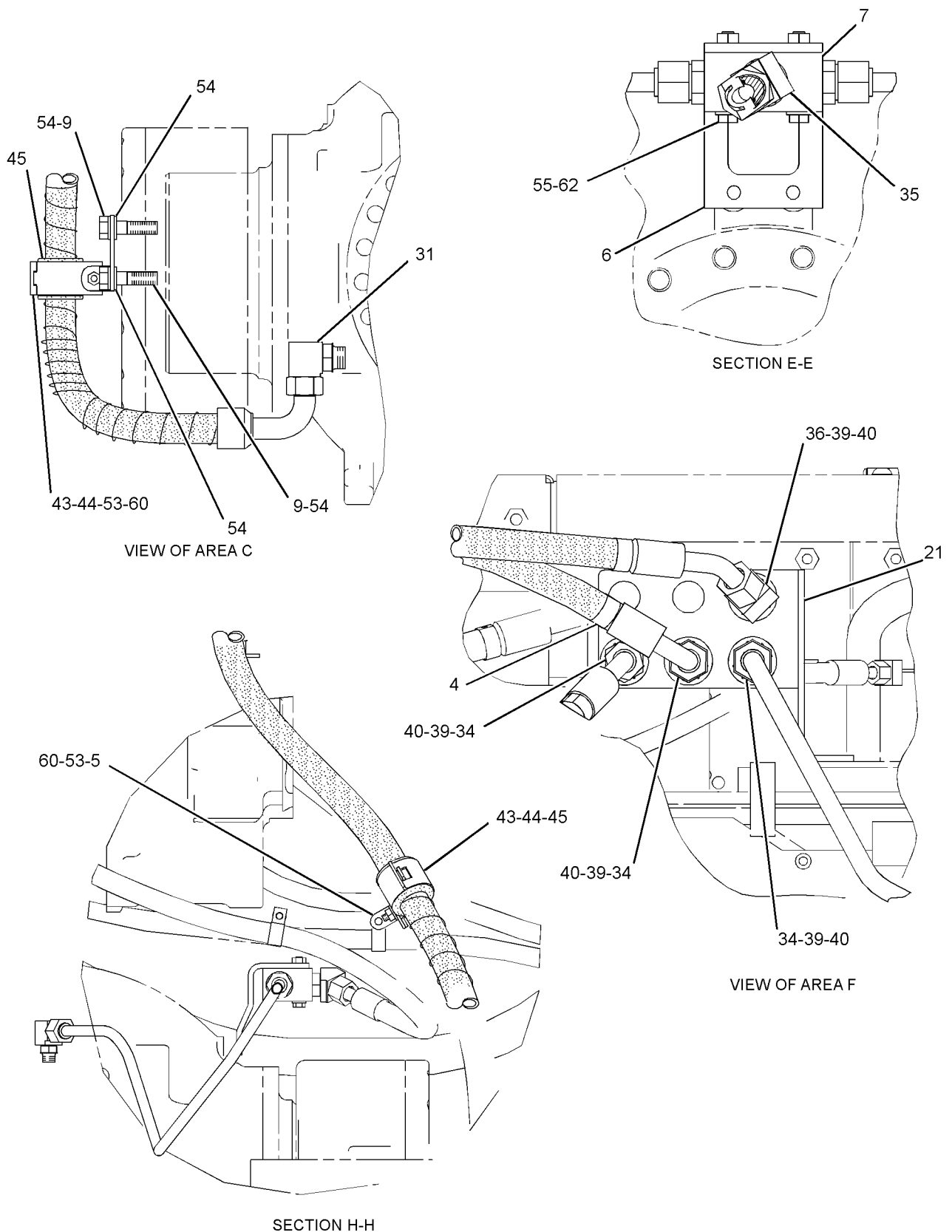
GRAPHIC #2

g01304827

POWER TRAIN

257-7810 LINES GP-AXLE OIL COOLER (contd.)

i02531233



GRAPHIC #3

<END>

g01304828

POWER TRAIN

257-7810 LINES GP-AXLE OIL COOLER-REAR

S/N: BXY1100-1200

PART OF 259-8449 COOLER AR-AXLE OIL
AN ATTACHMENT

SMCS-1365, 3016

i02612992

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	4	2	068-0592	2	TAG-IDENTIFICATION (NUMBER 1)						
	5	1	138-4050	1	BRACKET AS						
	6	1	141-7072	1	BLOCK						
	7	2	155-0054	1	PLATE						
	8	2	171-5415	1	TUBE AS						
	9	1	185-0004	1	CONNECTOR AS						
		1	2S-4078	1	SEAL-O-RING						
		1	6V-8400	1	SEAL-O-RING						
		1	9X-6015	1	CONNECTOR						
	10	2	197-3295	2	FLANGE-HALF						
I	11	2	203-9368	1	HOSE AS						
	12	2	203-9369	1	TUBE AS						
	13	1	229-0659	1	PUMP GP-GEAR (AXLE OIL COOLER)						
		1	9X-2327	4	WASHER (11X18.5X2.5-MM THK)						
		1	286-3219	4	BOLT (M10X1.5X300-MM)						
		1	204-0157	1	KIT-SEAL						
					(KIT INCLUDES RINGS, SEALS AND DOWEL PINS)						
		1	292-9911	2	KIT-RELIEF VALVE						
	14	2	234-3550	1	TUBE AS						
I	15	1	234-3551	1	HOSE AS						
	16	1	246-2817	1	TUBE AS						
	17	1	246-2818	1	TUBE AS						
I	18	1	246-4546	1	HOSE AS						
	19	2	246-4559	1	BRACKET						
C	20	2	250-1423	1	ELBOW AS						
		2	6V-8400	2	SEAL-O-RING						
		2	6V-8985	1	ELBOW						
I	21	2	273-3239	1	HOSE AS						
CI	22	2	292-9966	1	HOSE AS						
C	23	2	292-9967	1	TUBE AS						
C	24	2	292-9968	1	BRACKET						
	25	1	148-8327	2	CONNECTOR AS						
					(EACH INCLUDES)						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-8637	1	CONNECTOR						
		1	6V-9746	1	SEAL-O-RING						
	26	1	148-8334	1	CONNECTOR AS						
		1	2S-4078	1	SEAL-O-RING						
		1	6V-8400	1	SEAL-O-RING						
		1	8T-3611	1	CONNECTOR						
	27	1	148-8339	1	CONNECTOR AS						
		1	6V-8716	1	CONNECTOR						
		1	6V-9746	1	SEAL-O-RING						
		1	7M-8485	1	SEAL-O-RING						
	28	1	148-8359	2	ELBOW AS						
					(EACH INCLUDES)						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-9746	1	SEAL-O-RING						
		1	6V-9877	1	ELBOW						
	29	1	148-8360	1	ELBOW AS						
		1	6V-9182	1	ELBOW						
		1	6V-9746	1	SEAL-O-RING						
		1	7M-8485	1	SEAL-O-RING						
	30	2	148-8373	1	ELBOW AS						
		2	6V-8400	1	SEAL-O-RING						

POWER TRAIN

257-7810 LINES GP-AXLE OIL COOLER (contd.)

i02612992

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	7M-8485	1	SEAL-O-RING						
		2	8C-3364	1	ELBOW						
C	31	1	148-8387	1	ELBOW AS						
		1	6V-8400	1	SEAL-O-RING						
		1	6V-9855	1	ELBOW						
	32	1	148-8392	1	ELBOW AS						
		1	6V-9746	1	SEAL-O-RING						
		1	6V-9853	1	ELBOW						
	33	2	148-8455	3	UNION AS						
					(EACH INCLUDES)						
		2	6V-8997	1	UNION						
		2	6V-9746	2	SEAL-O-RING						
	34	1	153-6237	1	ELBOW AS						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-9004	1	ELBOW						
		1	6V-9746	1	SEAL-O-RING						
	35	2	165-4933	1	ELBOW AS						
		2	6V-8990	1	ELBOW						
		2	6V-9746	2	SEAL-O-RING						
	36	2	1P-3703	1	SEAL-RECTANGULAR						
	37	2	1P-3704	1	SEAL-RECTANGULAR						
	38	2	2H-3926	8	LOCKWASHER						
	39	2	2P-1293	4	LOCKNUT (1-3/16-12-THD)						
	40	2	4J-0522	1	SEAL-O-RING						
	41	2	4S-4455	2	CLIP						
	42	1	6D-1004	1	GASKET						
	43	2	6K-4934	1	CLIP (SLOT)						
	44	2	6K-4935	1	CLIP (TAB)						
	45	2	6K-5290	1	CLIP (TAB)						
	46	2	6K-5291	1	CLIP (SLOT)						
	47	1, 2	6V-1889	3	CLIP						
CM	48	2	6V-3303	2	BOLT (M16X2X60-MM)						
	49	2	6V-8400	1	SEAL-O-RING						
C	50	1	6V-9173	1	NUT-BULKHEAD (1-11/16-12-THD)						
C	51	2	7X-7729	1	WASHER (11X25X3-MM THK)						
	52	1, 2	8T-4121	18	WASHER-HARD (11X21X2.5-MM THK)						
M	53	1, 2	8T-4136	3	BOLT (M10X1.5X25-MM)						
M	54	1, 2	8T-4137	6	BOLT (M10X1.5X20-MM)						
CM	55	2	8T-4139	1	BOLT (M12X1.75X30-MM)						
M	56	2	8T-4183	7	BOLT (M12X1.75X40-MM)						
C	57	2	8T-4223	8	WASHER-HARD (13.5X25.5X3-MM THK)						
M	58	1, 2	8T-5005	6	BOLT (M10X1.5X70-MM)						
M	59	2	8T-6466	4	BOLT (M10X1.5X60-MM)						
	60	2	9D-1829	1	CLIP						
C	61	2	9X-8268	2	WASHER (17.5X30X3.5-MM THK)						

C-CHANGE FROM PREVIOUS TYPE

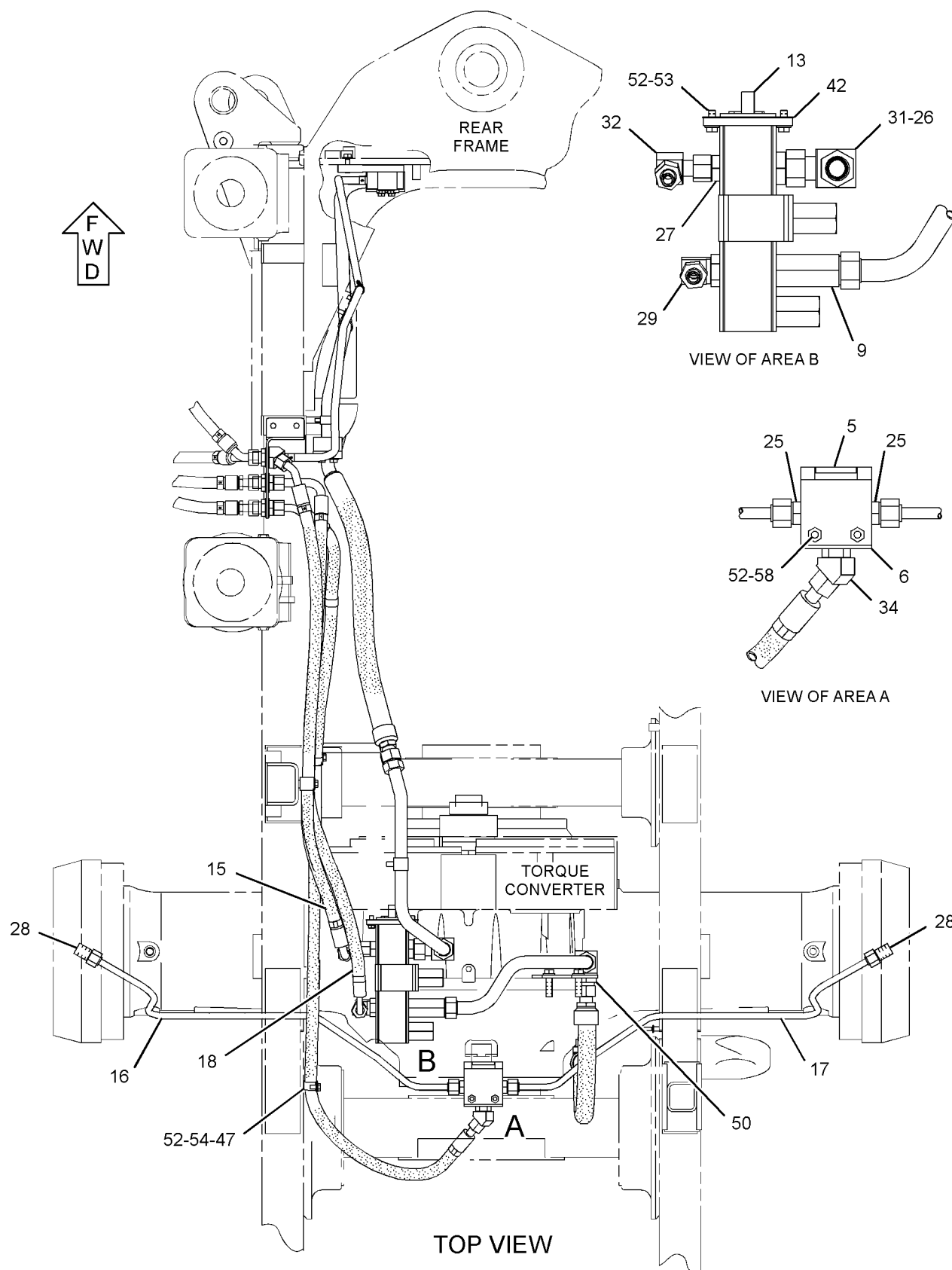
I-REFER TO HYDRAULIC INFORMATION SYSTEM

M-METRIC PART

POWER TRAIN

257-7810 LINES GP-AXLE OIL COOLER (contd.)

i02612992



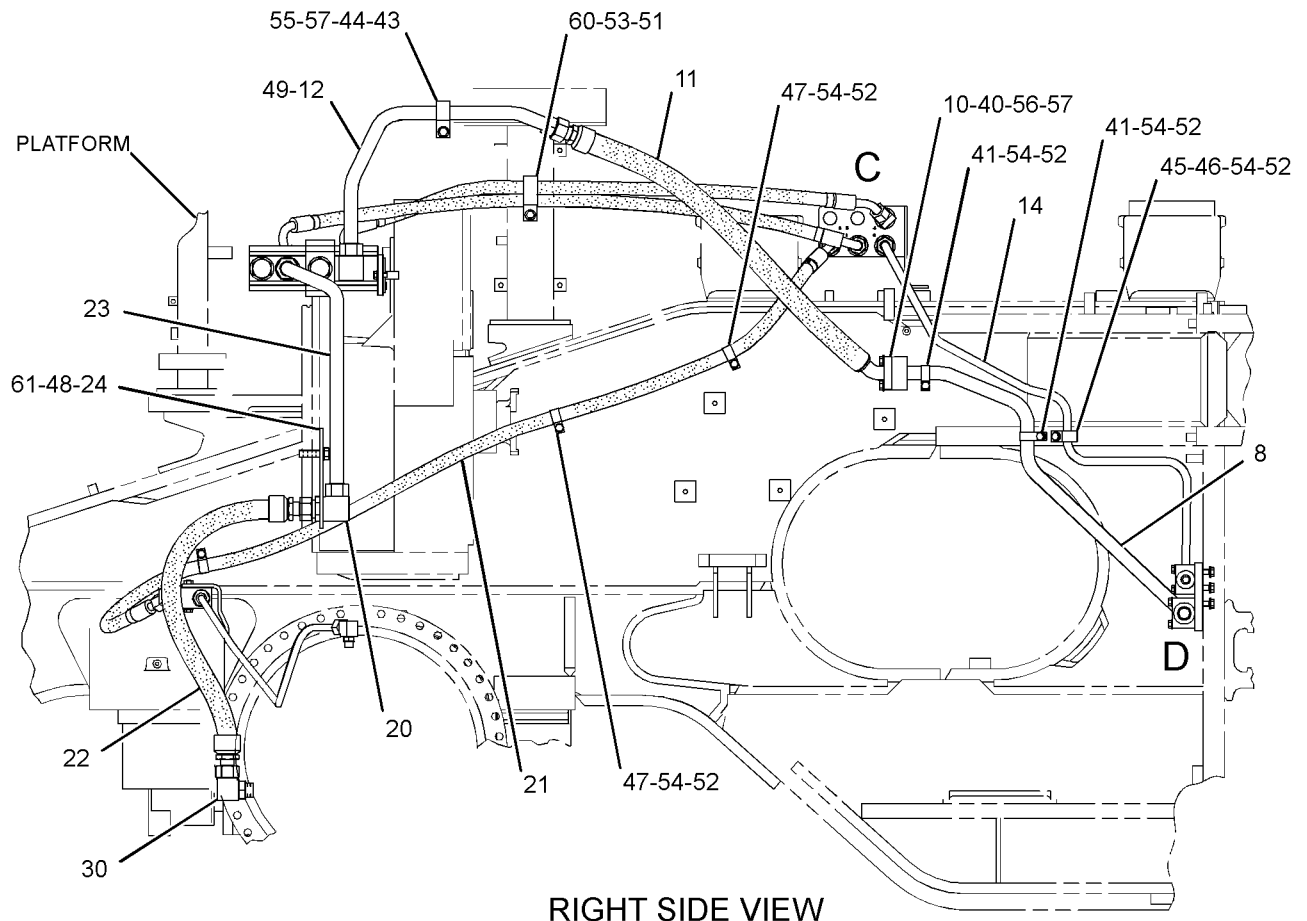
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g01328500

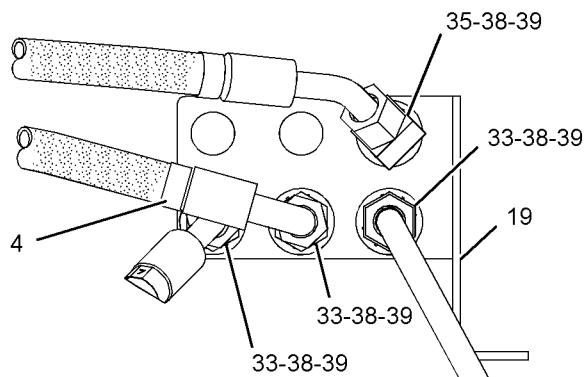
POWER TRAIN

257-7810 LINES GP-AXLE OIL COOLER (contd.)

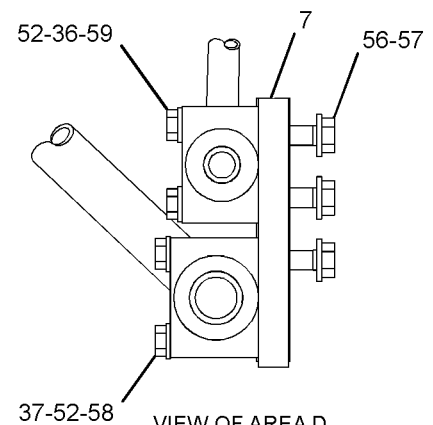
i02612992



RIGHT SIDE VIEW



VIEW OF AREA C



VIEW OF AREA D

GRAPHIC #2

<END>

g01335623

POWER TRAIN

257-7810 LINES GP-AXLE OIL COOLER-REAR

S/N: BXY1201-3999

PART OF 259-8449 COOLER AR-AXLE OIL
AN ATTACHMENT

SMCS-1365, 3016

i03353461

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	193-3973	1	STRAP-CABLE	
	2	1	200-6345	1	MOUNT (DUAL SWIVEL)	
	3	1	204-2281	1	STRAP-TIE	
	4	1	068-0592	2	TAG-IDENTIFICATION (NUMBER 1)	
	5	2	138-4050	1	BRACKET AS	
	6	2	141-7072	1	BLOCK	
	7	1	155-0054	1	PLATE	
	8	1	171-5415	1	TUBE AS	
	9	1	185-0004	1	CONNECTOR AS	
		1	2S-4078	1	SEAL-O-RING	
		1	6V-8400	1	SEAL-O-RING	
		1	9X-6015	1	CONNECTOR	
	10	1	197-3295	2	FLANGE-HALF	
I	11	1	203-9368	1	HOSE AS	
	12	1	203-9369	1	TUBE AS	
CY	13	1	292-9912	1	PUMP GP-GEAR (AXLE OIL COOLER)	823
	14	1	234-3550	1	TUBE AS	
I	15	2	234-3551	1	HOSE AS	
	16	2	246-2817	1	TUBE AS	
	17	2	246-2818	1	TUBE AS	
I	18	2	246-4546	1	HOSE AS	
	19	1	246-4559	1	BRACKET	
	20	1	250-1423	1	ELBOW AS	
		1	6V-8400	2	SEAL-O-RING	
		1	6V-8985	1	ELBOW	
I	21	1	273-3239	1	HOSE AS	
I	22	1	292-9966	1	HOSE AS	
	23	1	292-9967	1	TUBE AS	
	24	1	292-9968	1	BRACKET	
	25	2	148-8327	2	CONNECTOR AS	
					(EACH INCLUDES)	
		2	3D-2824	1	SEAL-O-RING	
		2	6V-8637	1	CONNECTOR	
		2	6V-9746	1	SEAL-O-RING	
	26	1	148-8334	1	CONNECTOR AS	
		1	2S-4078	1	SEAL-O-RING	
		1	6V-8400	1	SEAL-O-RING	
		1	8T-3611	1	CONNECTOR	
	27	1	148-8339	1	CONNECTOR AS	
		1	6V-8716	1	CONNECTOR	
		1	6V-9746	1	SEAL-O-RING	
		1	7M-8485	1	SEAL-O-RING	
	28	2	148-8359	2	ELBOW AS	
					(EACH INCLUDES)	
		2	3K-0360	1	SEAL-O-RING	
		2	6V-9746	1	SEAL-O-RING	
		2	6V-9877	1	ELBOW	
	29	1	148-8360	1	ELBOW AS	
		1	6V-9182	1	ELBOW	
		1	6V-9746	1	SEAL-O-RING	
		1	7M-8485	1	SEAL-O-RING	
	30	1	148-8373	1	ELBOW AS	
		1	6V-8400	1	SEAL-O-RING	
		1	7M-8485	1	SEAL-O-RING	
		1	8C-3364	1	ELBOW	

POWER TRAIN

257-7810 LINES GP-AXLE OIL COOLER (contd.)

i03353461

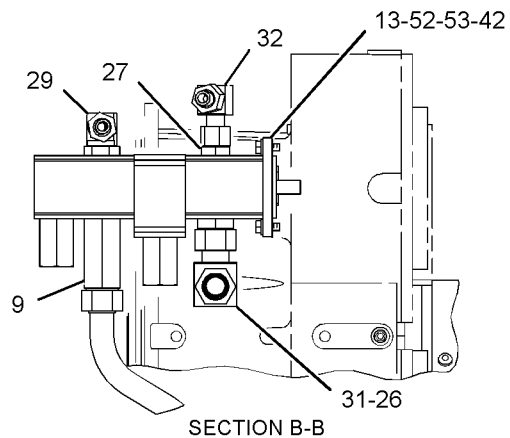
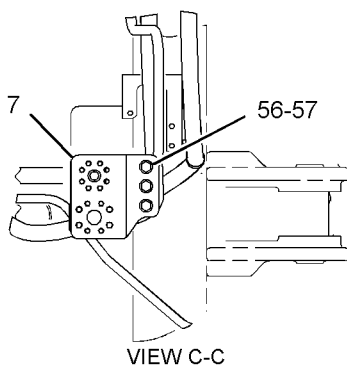
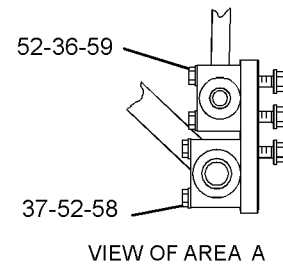
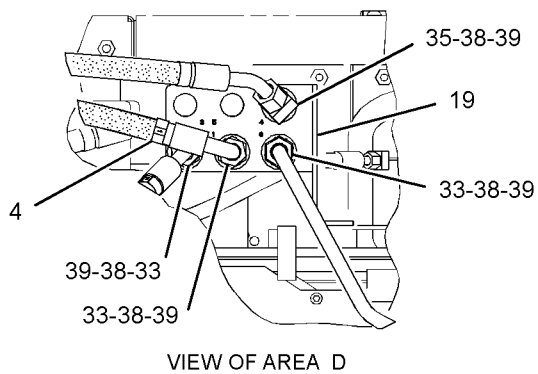
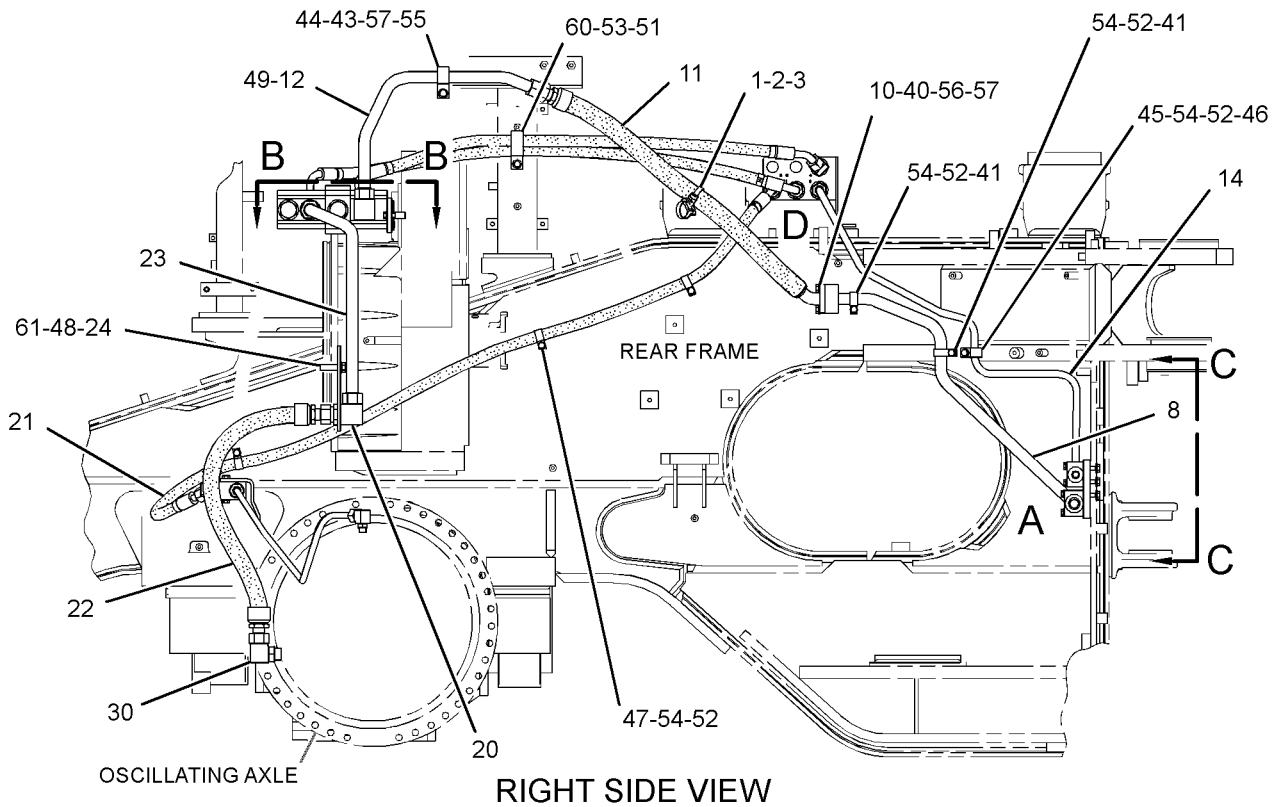
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	31	1	148-8387	1	ELBOW AS						
		1	6V-8400	1	SEAL-O-RING						
		1	6V-9855	1	ELBOW						
	32	1	148-8392	1	ELBOW AS						
		1	6V-9746	1	SEAL-O-RING						
		1	6V-9853	1	ELBOW						
	33	1	148-8455	3	UNION AS						
					(EACH INCLUDES)						
		1	6V-8997	1	UNION						
		1	6V-9746	2	SEAL-O-RING						
	34	2	153-6237	1	ELBOW AS						
		2	3D-2824	1	SEAL-O-RING						
		2	6V-9004	1	ELBOW						
		2	6V-9746	1	SEAL-O-RING						
	35	1	165-4933	1	ELBOW AS						
		1	6V-8990	1	ELBOW						
		1	6V-9746	2	SEAL-O-RING						
	36	1	1P-3703	1	SEAL-RECTANGULAR						
	37	1	1P-3704	1	SEAL-RECTANGULAR						
	38	1	2H-3926	8	LOCKWASHER						
	39	1	2P-1293	4	LOCKNUT (1-3/16-12-THD)						
	40	1	4J-0522	1	SEAL-O-RING						
	41	1	4S-4455	2	CLIP						
	42	1	6D-1004	1	GASKET						
	43	1	6K-4934	1	CLIP (SLOT)						
	44	1	6K-4935	1	CLIP (TAB)						
	45	1	6K-5290	1	CLIP (TAB)						
	46	1	6K-5291	1	CLIP (SLOT)						
	47	1, 2	6V-1889	3	CLIP						
M	48	1	6V-3303	2	BOLT (M16X2X60-MM)						
	49	1	6V-8400	1	SEAL-O-RING						
	50	2	6V-9173	1	NUT-BULKHEAD (1-11/16-12-THD)						
	51	1	7X-7729	1	WASHER (11X25X3-MM THK)						
	52	1, 2	8T-4121	18	WASHER-HARD (11X21X2.5-MM THK)						
M	53	1	8T-4136	3	BOLT (M10X1.5X25-MM)						
M	54	1, 2	8T-4137	6	BOLT (M10X1.5X20-MM)						
M	55	1	8T-4139	1	BOLT (M12X1.75X30-MM)						
M	56	1	8T-4183	7	BOLT (M12X1.75X40-MM)						
	57	1	8T-4223	8	WASHER-HARD (13.5X25.5X3-MM THK)						
M	58	1, 2	8T-5005	6	BOLT (M10X1.5X70-MM)						
M	59	1	8T-6466	4	BOLT (M10X1.5X60-MM)						
	60	1	9D-1829	1	CLIP						
	61	1	9X-8268	2	WASHER (17.5X30X3.5-MM THK)						

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

POWER TRAIN

257-7810 LINES GP-AXLE OIL COOLER (contd.)

i03353461



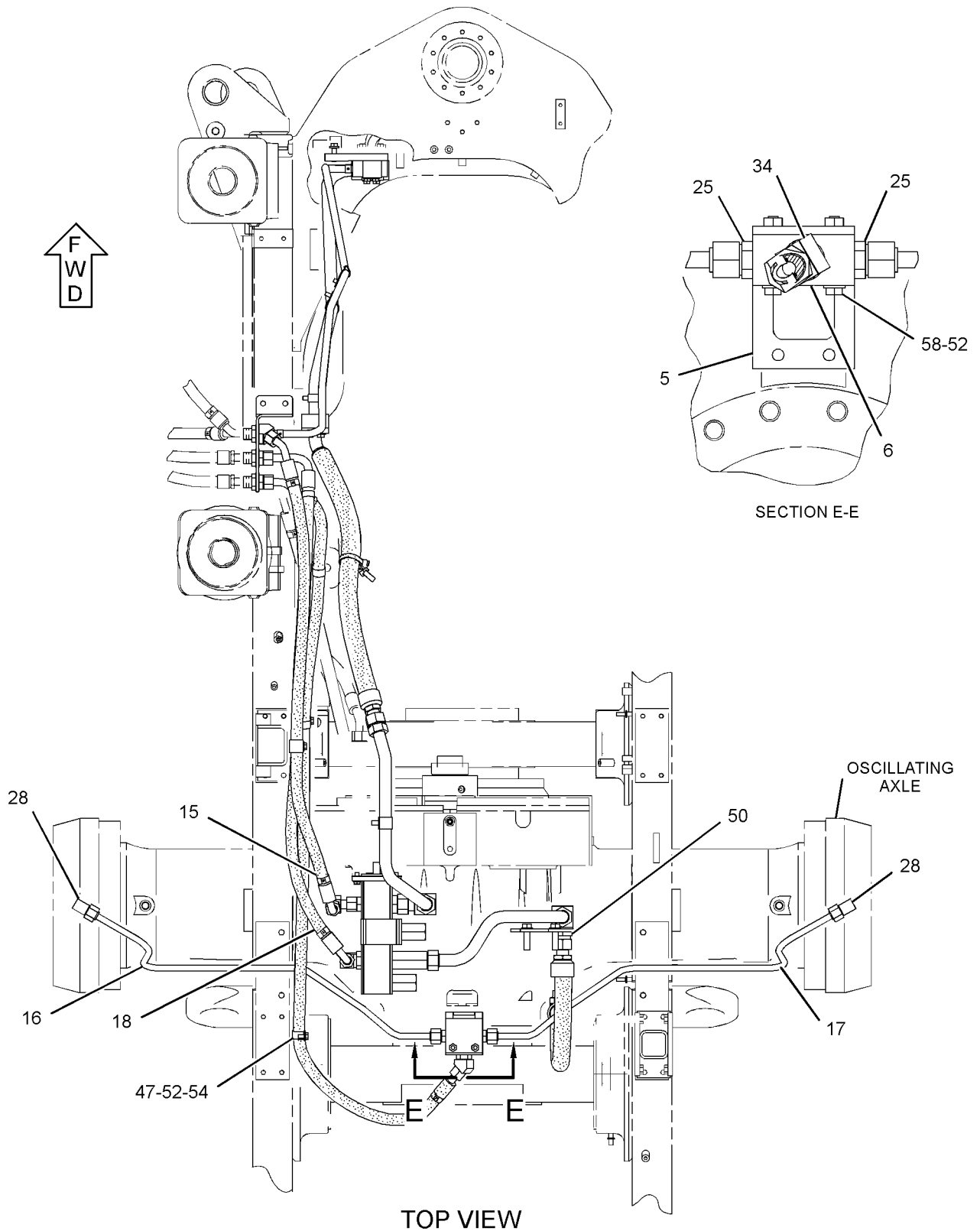
GRAPHIC #1

g01738934

POWER TRAIN

257-7810 LINES GP-AXLE OIL COOLER (contd.)

i03353461



TOP VIEW

GRAPHIC #2

<END>

g01738935

POWER TRAIN

315-8930 LINES GP-AXLE OIL COOLER

S/N: BXY4000-UP

PART OF 259-8449 COOLER AR-AXLE OIL
AN ATTACHMENT

SMCS-1365, 3016

i03792915

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4K-6066	1	CLIP						
	2	1	141-7072	1	BLOCK						
	3	1	159-8614	1	PLATE AS						
	4	1	159-8615	1	PLATE AS						
	5	1	220-8796	1	BRACKET AS						
	6	1	221-1879	1	TUBE AS						
	7	1	221-1881	1	TUBE AS						
	8	1	246-2812	1	TUBE AS						
	9	1	315-8836	1	PLATE						
	10	1	315-9174	1	TUBE AS						
	11	1	315-9176	1	TUBE AS						
I	12	1	315-9211	1	HOSE AS						
	13	1	315-9315	1	TUBE AS						
I	14	1	315-9324	1	HOSE AS						
	15	1	148-8327	1	CONNECTOR AS						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-8637	1	CONNECTOR						
		1	6V-9746	1	SEAL-O-RING						
	16	1	148-8333	1	CONNECTOR AS						
		1	6V-8400	1	SEAL-O-RING						
		1	7M-8485	1	SEAL-O-RING						
		1	8T-7927	1	CONNECTOR						
	17	1	148-8347	1	ELBOW AS						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-9007	1	ELBOW						
		1	6V-9746	1	SEAL-O-RING						
	18	1	148-8359	2	ELBOW AS						
					(EACH INCLUDES)						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-9746	1	SEAL-O-RING						
		1	6V-9877	1	ELBOW						
	19	1	148-8387	1	ELBOW AS						
		1	6V-8400	1	SEAL-O-RING						
		1	6V-9855	1	ELBOW						
	20	1	153-6237	2	ELBOW AS						
					(EACH INCLUDES)						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-9004	1	ELBOW						
		1	6V-9746	1	SEAL-O-RING						
	21	1	173-1437	4	FLANGE-HALF						
	22	1	313-9198	1	CLIP						
	23	1	3E-9411	2	WASHER-HARD (17.5X38X6-MM THK)						
	24	1	4J-0520	1	SEAL-O-RING						
	25	1	4J-0522	2	SEAL-O-RING						
	26	1	4J-5267	1	SEAL-O-RING						
	27	1	5P-7462	2	CLIP (SLOT)						
	28	1	5P-7463	2	CLIP (TAB)						
	29	1	5P-7468	2	CLIP (SLOT)						
	30	1	5P-7469	2	CLIP (TAB)						
	31	1	6V-0683	2	GROMMET						
	32	1	6V-1874	2	GROMMET						
	33	1	6V-8400	1	SEAL-O-RING						
	34	1	6V-9746	1	SEAL-O-RING						
	35	1	7X-3392	4	WASHER-HARD (13.5X22.5X3-MM THK)						
	36	1	8C-3205	2	FLANGE-HALF						

POWER TRAIN

315-8930 LINES GP-AXLE OIL COOLER (contd.)

i03792915

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	37	1	8C-3206	2	FLANGE-HALF	
	38	1	8T-4121	24	WASHER-HARD (11X21X2.5-MM THK)	
M	39	1	8T-4136	10	BOLT (M10X1.5X25-MM)	
M	40	1	8T-4140	2	BOLT (M16X2X60-MM)	
M	41	1	8T-4183	10	BOLT (M12X1.75X40-MM)	
M	42	1	8T-4195	4	BOLT (M10X1.5X30-MM)	
M	43	1	8T-4196	8	BOLT (M10X1.5X35-MM)	
	44	1	8T-4223	6	WASHER-HARD (13.5X25.5X3-MM THK)	
M	45	1	8T-5005	2	BOLT (M10X1.5X70-MM)	

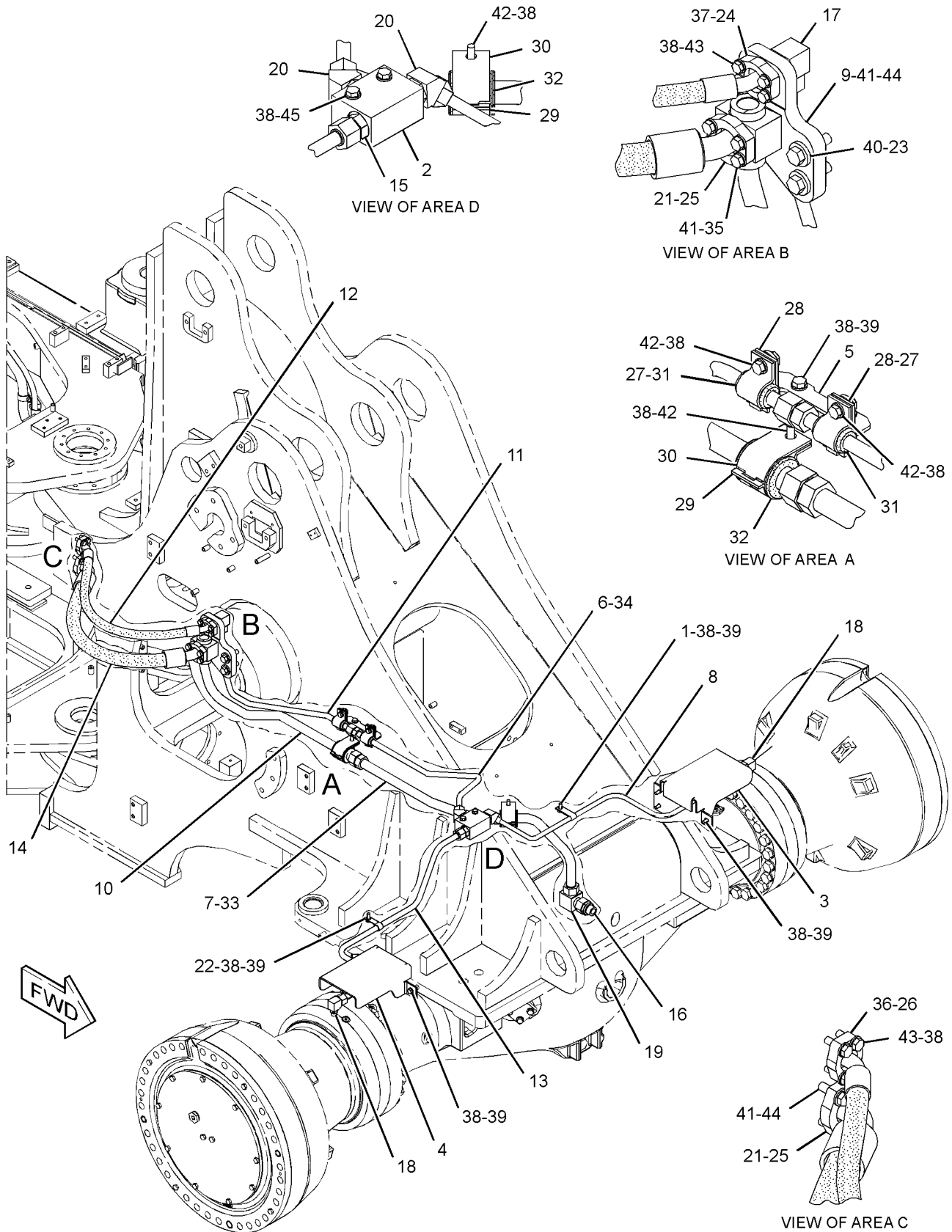
I-REFER TO HYDRAULIC INFORMATION SYSTEM

M-METRIC PART

POWER TRAIN

315-8930 LINES GP-AXLE OIL COOLER (contd.)

i03792915



GRAPHIC #1

<END>

g02060939

POWER TRAIN

345-3960 LINES GP-AXLE OIL COOLER

S/N: BXY4000-UP

PART OF 259-8449 COOLER AR-AXLE OIL
AN ATTACHMENT

SMCS-1365, 3016

i03792809

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3V-9538	2	TAG-IDENTIFICATION (NUMBER SEVEN)						
	2	1	4J-6304	2	TAG-IDENTIFICATION (NUMBER FOUR)						
	3	1	4J-6306	1	TAG-IDENTIFICATION (NUMBER SIX)						
	4	1	068-0592	2	TAG-IDENTIFICATION (NUMBER ONE)						
	5	1	138-4050	1	BRACKET AS						
	6	1	141-7072	1	BLOCK						
	7	1	185-0004	1	CONNECTOR AS						
		1	2S-4078	1	SEAL-O-RING						
		1	6V-8400	1	SEAL-O-RING						
		1	9X-6015	1	CONNECTOR						
	8	1	193-3973	1	STRAP-CABLE						
	9	1	197-3295	2	FLANGE-HALF						
	10	1	200-6345	1	MOUNT (DUAL SWIVEL)						
I	11	1	203-9368	1	HOSE AS						
	12	1	203-9369	1	TUBE AS						
	13	1	204-2281	1	STRAP-TIE						
I	14	1	234-3551	1	HOSE AS						
	15	1	246-2818	1	TUBE AS						
I	16	1	246-4546	1	HOSE AS						
	17	1	246-4559	1	BRACKET						
	18	1	250-1423	1	ELBOW AS						
		1	6V-8400	2	SEAL-O-RING						
		1	6V-8985	1	ELBOW						
I	19	1	273-3239	1	HOSE AS						
Y	20	1	292-9912	1	PUMP GP-GEAR (AXLE OIL COOLER)						823
I	21	1	292-9966	1	HOSE AS						
	22	1	292-9967	1	TUBE AS						
	23	1	292-9968	1	BRACKET						
	24	1	315-8837	1	PLATE AS						
M		1	8T-3597	2	NUT-WELD (M12X1.75-THD)						
	25	1	315-9319	1	TUBE AS						
	26	1	345-3953	1	TUBE AS						
	27	1	345-3954	1	TUBE AS						
	28	1	092-7385	1	CLIP						
	29	1	148-8327	2	CONNECTOR AS						
					(EACH INCLUDES)						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-8637	1	CONNECTOR						
		1	6V-9746	1	SEAL-O-RING						
	30	1	148-8334	1	CONNECTOR AS						
		1	2S-4078	1	SEAL-O-RING						
		1	6V-8400	1	SEAL-O-RING						
		1	8T-3611	1	CONNECTOR						
	31	1	148-8339	1	CONNECTOR AS						
		1	6V-8716	1	CONNECTOR						
		1	6V-9746	1	SEAL-O-RING						
		1	7M-8485	1	SEAL-O-RING						
	32	1	148-8359	2	ELBOW AS						
					(EACH INCLUDES)						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-9746	1	SEAL-O-RING						
		1	6V-9877	1	ELBOW						
	33	1	148-8360	1	ELBOW AS						
		1	6V-9182	1	ELBOW						
		1	6V-9746	1	SEAL-O-RING						

POWER TRAIN

345-3960 LINES GP-AXLE OIL COOLER (contd.)

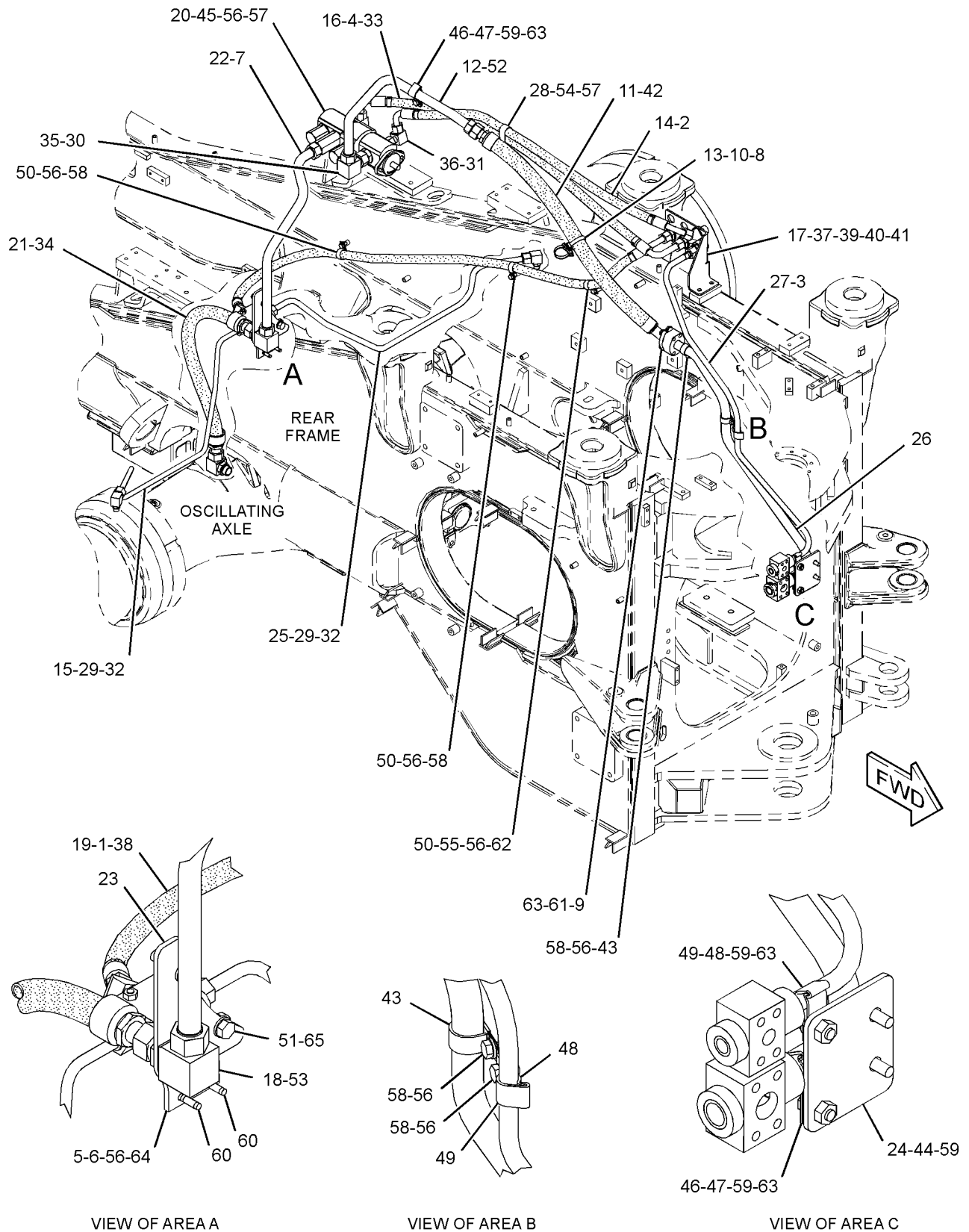
i03792809

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	7M-8485	1	SEAL-O-RING						
	34	1	148-8373	1	ELBOW AS						
		1	6V-8400	1	SEAL-O-RING						
		1	7M-8485	1	SEAL-O-RING						
		1	8C-3364	1	ELBOW						
	35	1	148-8387	1	ELBOW AS						
		1	6V-8400	1	SEAL-O-RING						
		1	6V-9855	1	ELBOW						
	36	1	148-8392	1	ELBOW AS						
		1	6V-9746	1	SEAL-O-RING						
		1	6V-9853	1	ELBOW						
	37	1	148-8455	3	UNION AS						
					(EACH INCLUDES)						
		1	6V-8997	1	UNION						
		1	6V-9746	2	SEAL-O-RING						
	38	1	153-6237	1	ELBOW AS						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-9004	1	ELBOW						
		1	6V-9746	1	SEAL-O-RING						
	39	1	165-4933	1	ELBOW AS						
		1	6V-8990	1	ELBOW						
		1	6V-9746	2	SEAL-O-RING						
	40	1	2H-3926	8	LOCKWASHER						
	41	1	2P-1293	4	LOCKNUT (1-3/16-12-THD)						
	42	1	4J-0522	1	SEAL-O-RING						
	43	1	4S-4455	2	CLIP						
	44	1	5P-1076	2	WASHER-HARD (13.5X30X4-MM THK)						
	45	1	6D-1004	1	GASKET						
	46	1	6K-4934	2	CLIP (SLOT)						
	47	1	6K-4935	2	CLIP (TAB)						
	48	1	6K-5290	2	CLIP (TAB)						
	49	1	6K-5291	2	CLIP (SLOT)						
	50	1	6V-1889	3	CLIP						
M	51	1	6V-3303	2	BOLT (M16X2X60-MM)						
	52	1	6V-8400	1	SEAL-O-RING						
	53	1	6V-9173	1	NUT-BULKHEAD (1-11/16-12-THD)						
	54	1	7X-7729	1	WASHER (11X25X3-MM THK)						
	55	1	8B-0544	1	SPACER (1-IN THK)						
	56	1	8T-4121	10	WASHER-HARD (11X21X2.5-MM THK)						
M	57	1	8T-4136	3	BOLT (M10X1.5X25-MM)						
M	58	1	8T-4137	5	BOLT (M10X1.5X20-MM)						
M	59	1	8T-4139	5	BOLT (M12X1.75X30-MM)						
M	60	1	8T-4182	2	BOLT (M10X1.5X45-MM)						
M	61	1	8T-4183	4	BOLT (M12X1.75X40-MM)						
M	62	1	8T-4186	1	BOLT (M10X1.5X40-MM)						
	63	1	8T-4223	7	WASHER-HARD (13.5X25.5X3-MM THK)						
M	64	1	8T-5005	2	BOLT (M10X1.5X70-MM)						
	65	1	9X-8268	2	WASHER (17.5X30X3.5-MM THK)						
I-REFER TO HYDRAULIC INFORMATION SYSTEM											
M-METRIC PART											
Y-SEPARATE ILLUSTRATION											

POWER TRAIN

345-3960 LINES GP-AXLE OIL COOLER (contd.)

i03792809



GRAPHIC #1

<END>

g02061513

POWER TRAIN

246-4555 LINES GP-AXLE OIL COOLER FAN

S/N: BXY1-1099

PART OF 259-8449 COOLER AR-AXLE OIL
AN ATTACHMENT

SMCS-1365, 3016

i02505694

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	2	1	7C-6921	1	SPACER (11X20X22.8-MM THK)						
	3	2	7R-0042	1	ADAPTER						
	4	2	7Y-1863	1	SPACER (20.5X38X34-MM THK)						
	5	2	8C-6162	1	MANIFOLD						
	6	2	8X-4886	1	ELBOW						
I	7	1	9C-2399	1	HOSE AS						
	8	2	9T-5134	1	VALVE-CHECK						
	9	2	9U-2277	1	CLIP AS						
	10	2	9X-6772	1	STRAP-CABLE						
Y	11	2	149-2610	1	VALVE GP-SOLENOID (24-VOLT) (AXLE OIL COOLER)						884
	12	2	172-4622	1	UNION AS						
		2	7M-8485	2	SEAL-O-RING						
		2	8C-9029	1	UNION						
	13	2	203-9364	1	BRACKET AS						
I	14	1	223-2112	1	HOSE AS						
I	15	1	257-7808	1	HOSE AS						
I	16	1	257-7814	1	HOSE AS						
I	17	1	257-7816	1	HOSE AS						
Y	18	1	258-5060	1	PUMP GP-GEAR (PILOT, BRAKE, AXLE OIL CLR FAN)						822
I	19	1	272-5475	1	HOSE AS						
	20	1	275-7850	1	PLATE						
	21	1	148-8327	1	CONNECTOR AS						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-8637	1	CONNECTOR						
		1	6V-9746	1	SEAL-O-RING						
22	2		148-8339	1	CONNECTOR AS						
		2	6V-8716	1	CONNECTOR						
		2	6V-9746	1	SEAL-O-RING						
		2	7M-8485	1	SEAL-O-RING						
23	1		148-8449	1	TEE AS-SWIVEL						
		1	6V-9746	2	SEAL-O-RING						
		1	6V-9839	1	TEE-SWIVEL						
24	2		148-8451	1	TEE AS						
		2	6V-8791	1	TEE-FACE SEAL						
		2	6V-9746	3	SEAL-O-RING						
25	1		148-8455	2	UNION AS						
					(EACH INCLUDES)						
		1	6V-8997	1	UNION						
		1	6V-9746	2	SEAL-O-RING						
26	1		165-4933	1	ELBOW AS						
		1	6V-8990	1	ELBOW						
		1	6V-9746	2	SEAL-O-RING						
27	1		1H-6227	1	SEAL-O-RING						
28	1		1P-4577	2	FLANGE-HALF						
29	1, 2		1P-4578	4	FLANGE-HALF						
30	1		2H-3926	4	LOCKWASHER						
31	1		2P-1293	3	LOCKNUT (1-3/16-12-THD)						
32	2		3D-2824	2	SEAL-O-RING						
33	1		4J-0520	1	SEAL-O-RING						
34	1, 2		4J-0522	3	SEAL-O-RING						
36	1		5P-2369	1	CLIP						
37	2		5P-9085	1	CLIP						
38	2		6V-5258	1	ADAPTER						
39	1		7X-3392	4	WASHER-HARD (13.5X22.5X3-MM THK)						
40	1, 2		8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)						

POWER TRAIN

246-4555 LINES GP-AXLE OIL COOLER FAN (contd.)

i02505694

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	41	2	8T-4136	1	BOLT	(M10X1.5X25-MM)					
M	42	1	8T-4139	2	BOLT	(M12X1.75X30-MM)					
M	43	2	8T-4140	1	BOLT	(M16X2X60-MM)					
M	44	1	8T-4176	2	BOLT	(M12X1.75X90-MM)					
M	45	1	8T-4186	1	BOLT	(M10X1.5X40-MM)					
M	46	1	8T-4196	4	BOLT	(M10X1.5X35-MM)					
	47	1,2	8T-4223	14	WASHER-HARD	(13.5X25.5X3-MM THK)					
M	48	2	8T-4910	2	BOLT	(M12X1.75X60-MM)					
M	49	1,2	8T-4956	8	BOLT	(M12X1.75X35-MM)					
M	50	2	8T-5005	2	BOLT	(M10X1.5X70-MM)					
M	51	2	8T-6868	2	BOLT	(M12X1.75X80-MM)					
	52	2	9X-8257	1	WASHER	(17.5X30X3.5-MM THK)					

I-REFER TO HYDRAULIC INFORMATION SYSTEM

M-METRIC PART

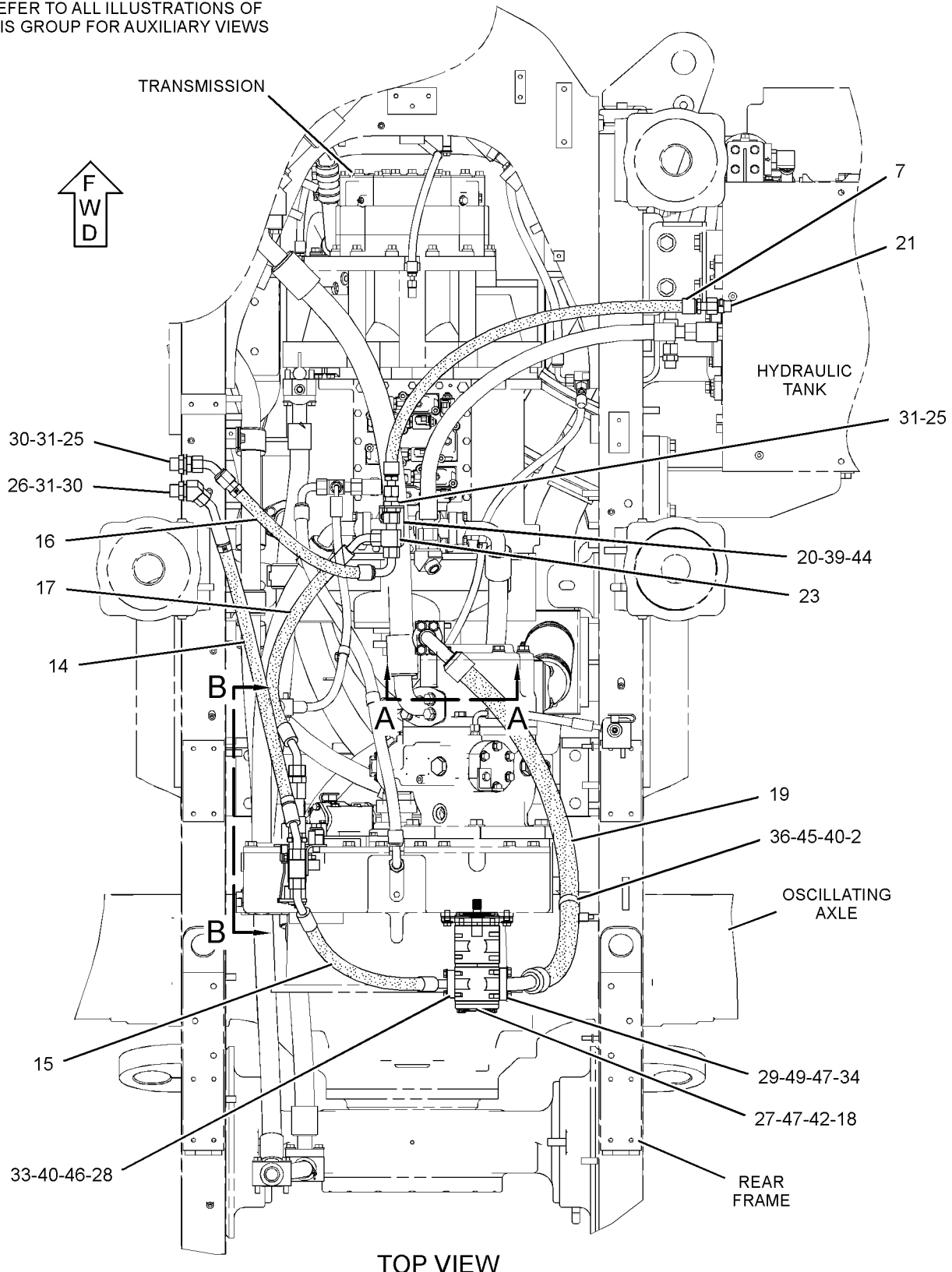
Y-SEPARATE ILLUSTRATION

POWER TRAIN

246-4555 LINES GP-AXLE OIL COOLER FAN (contd.)

i02505694

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



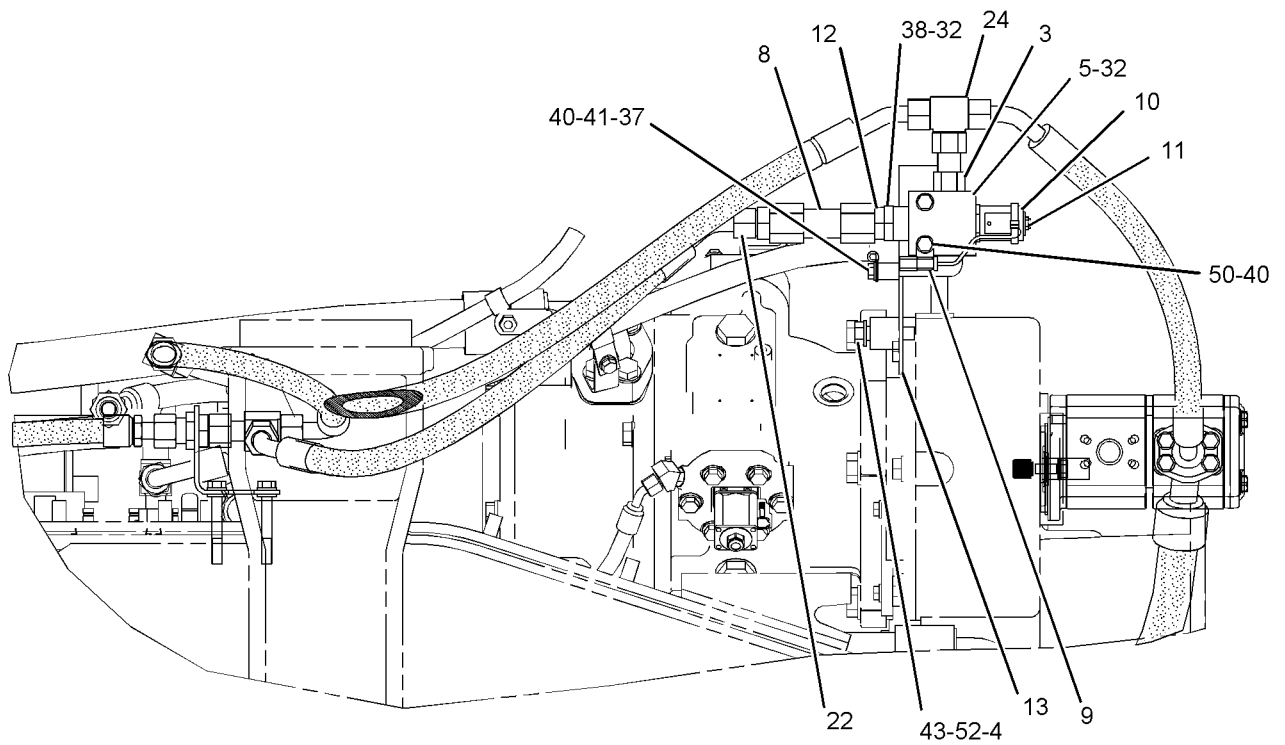
GRAPHIC #1

g01257980

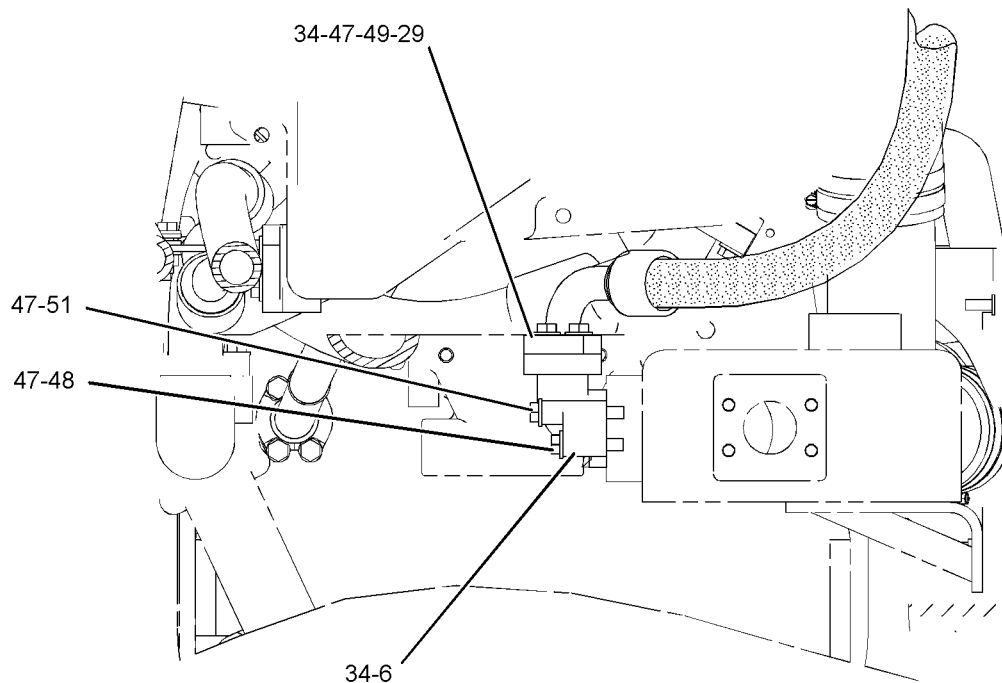
POWER TRAIN

246-4555 LINES GP-AXLE OIL COOLER FAN (contd.)

i02505694



VIEW B-B



SECTION A-A

GRAPHIC #2

<END>

g01266220

POWER TRAIN

246-4555 LINES GP-AXLE OIL COOLER FAN

S/N: BXY1100-UP

PART OF 259-8449 COOLER AR-AXLE OIL
AN ATTACHMENT

SMCS-1365, 3016

i02908865

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	197-3295	2	FLANGE-HALF						
	2	2	7C-6921	1	SPACER (11X20X22.8-MM THK)						
	3	2	7R-0042	1	ADAPTER						
	4	2	7Y-1863	1	SPACER (20.5X38X34-MM THK)						
	5	2	8C-6162	1	MANIFOLD						
	6	2	8X-4886	1	ELBOW						
I	7	1	9C-2399	1	HOSE AS						
	8	2	9U-2277	1	CLIP AS						
	9	2	9X-6772	1	STRAP-CABLE						
Y	10	2	149-2610	1	VALVE GP-SOLENOID (24-VOLT) (AXLE OIL COOLER)						884
	11	2	203-9364	1	BRACKET AS						
I	12	1	223-2112	1	HOSE AS						
I	13	1	257-7808	1	HOSE AS						
I	14	1	257-7814	1	HOSE AS						
Y	15	2	258-5060	1	PUMP GP-GEAR (PILOT, BRAKE, AXLE OIL CLR FAN)						822
I	16	1	272-5475	1	HOSE AS						
CI	17	2	290-4824	1	HOSE AS						
C	18	2	293-5328	1	BRACKET AS						
	19	1	148-8327	1	CONNECTOR AS						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-8637	1	CONNECTOR						
		1	6V-9746	1	SEAL-O-RING						
20		1	148-8449	1	TEE AS-SWIVEL						
		1	6V-9746	2	SEAL-O-RING						
		1	6V-9839	1	TEE-SWIVEL						
21		2	148-8451	1	TEE AS						
		2	6V-8791	1	TEE-FACE SEAL						
		2	6V-9746	3	SEAL-O-RING						
22		1,2	148-8455	2	UNION AS						
					(EACH INCLUDES)						
		1,2	6V-8997	1	UNION						
		1,2	6V-9746	2	SEAL-O-RING						
23		1	165-4933	1	ELBOW AS						
		1	6V-8990	1	ELBOW						
		1	6V-9746	2	SEAL-O-RING						
24		2	1H-6227	1	SEAL-O-RING						
25		1	1P-4577	2	FLANGE-HALF						
26		2	1P-4578	2	FLANGE-HALF						
C	27	2	281-5972	1	CONNECTOR AS						
		2	6V-8637	1	CONNECTOR						
		2	238-5082	1	SEAL-O-RING						
		2	228-7092	1	SEAL-O-RING						
28		1	2H-3926	4	LOCKWASHER						
29		1,2	2P-1293	3	LOCKNUT (1-3/16-12-THD)						
C	30	2	3D-2824	1	SEAL-O-RING						
	31	1	4J-0520	1	SEAL-O-RING						
	32	1,2	4J-0522	3	SEAL-O-RING						
	34	2	5P-2369	1	CLIP						
	35	2	5P-9085	1	CLIP						
C	36	1	6V-1572	1	CLIP (SLOT)						
C	37	1	6V-1573	1	CLIP (TAB)						
C	38	1	6V-1574	1	GROMMET						
C	39	1,2	7X-3392	6	WASHER-HARD (13.5X22.5X3-MM THK)						
C	40	1,2	8T-4121	9	WASHER-HARD (11X21X2.5-MM THK)						
M	41	2	8T-4136	1	BOLT (M10X1.5X25-MM)						

POWER TRAIN

246-4555 LINES GP-AXLE OIL COOLER FAN (contd.)

i02908865

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	42	1	8T-4139	2	BOLT (M12X1.75X30-MM)						
M	43	2	8T-4140	1	BOLT (M16X2X60-MM)						
M	44	2	8T-4176	2	BOLT (M12X1.75X90-MM)						
M	45	2	8T-4186	1	BOLT (M10X1.5X40-MM)						
CM	46	1	8T-4195	1	BOLT (M10X1.5X30-MM)						
M	47	1	8T-4196	4	BOLT (M10X1.5X35-MM)						
	48	1,2	8T-4223	10	WASHER-HARD (13.5X25.5X3-MM THK)						
M	49	2	8T-4910	2	BOLT (M12X1.75X60-MM)						
M	50	1,2	8T-4956	8	BOLT (M12X1.75X35-MM)						
M	51	2	8T-5005	2	BOLT (M10X1.5X70-MM)						
M	52	2	8T-6868	2	BOLT (M12X1.75X80-MM)						
	53	2	9X-8257	1	WASHER (17.5X30X3.5-MM THK)						

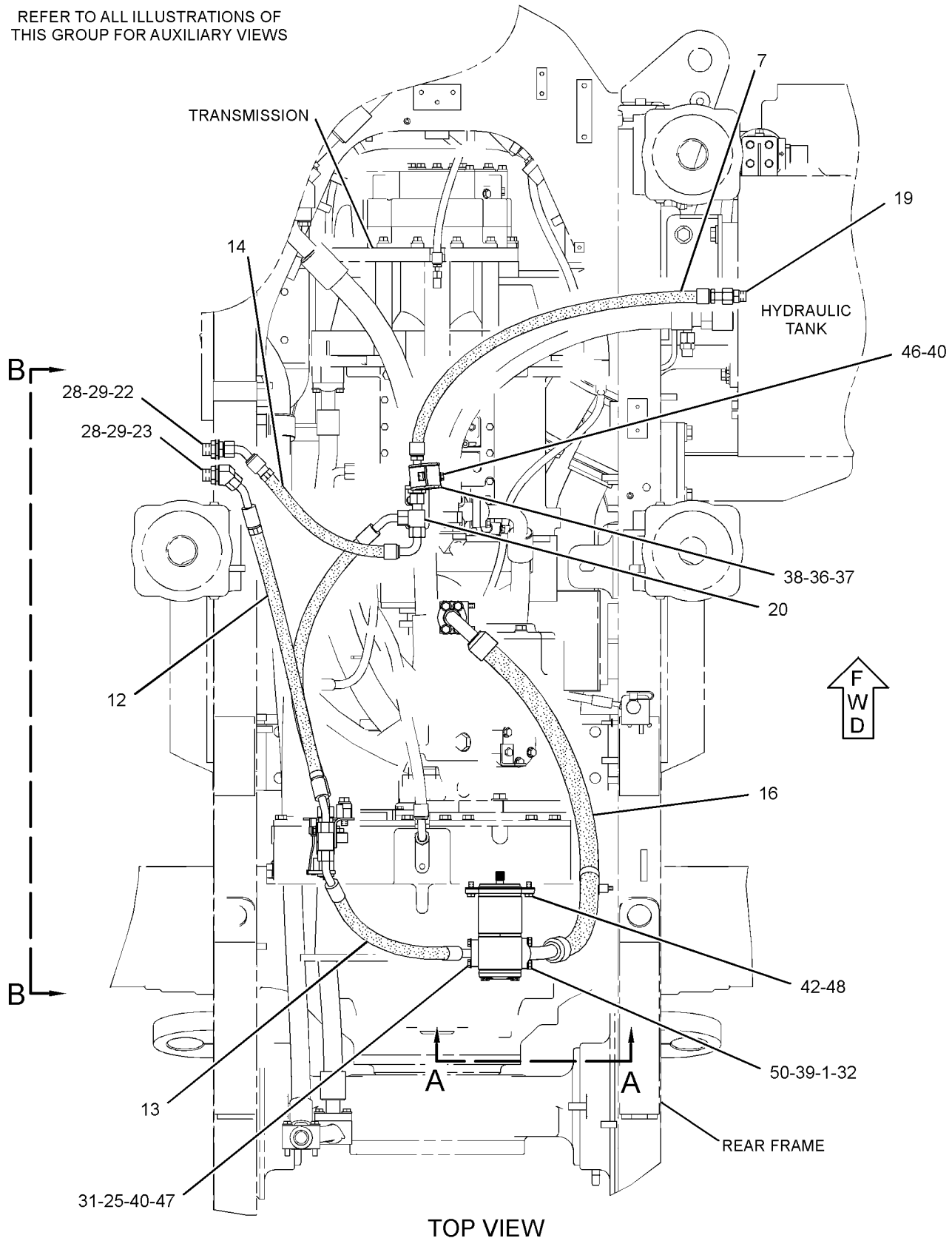
C-CHANGE FROM PREVIOUS TYPE
I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART
Y-SEPARATE ILLUSTRATION

POWER TRAIN

246-4555 LINES GP-AXLE OIL COOLER FAN (contd.)

i02908865

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



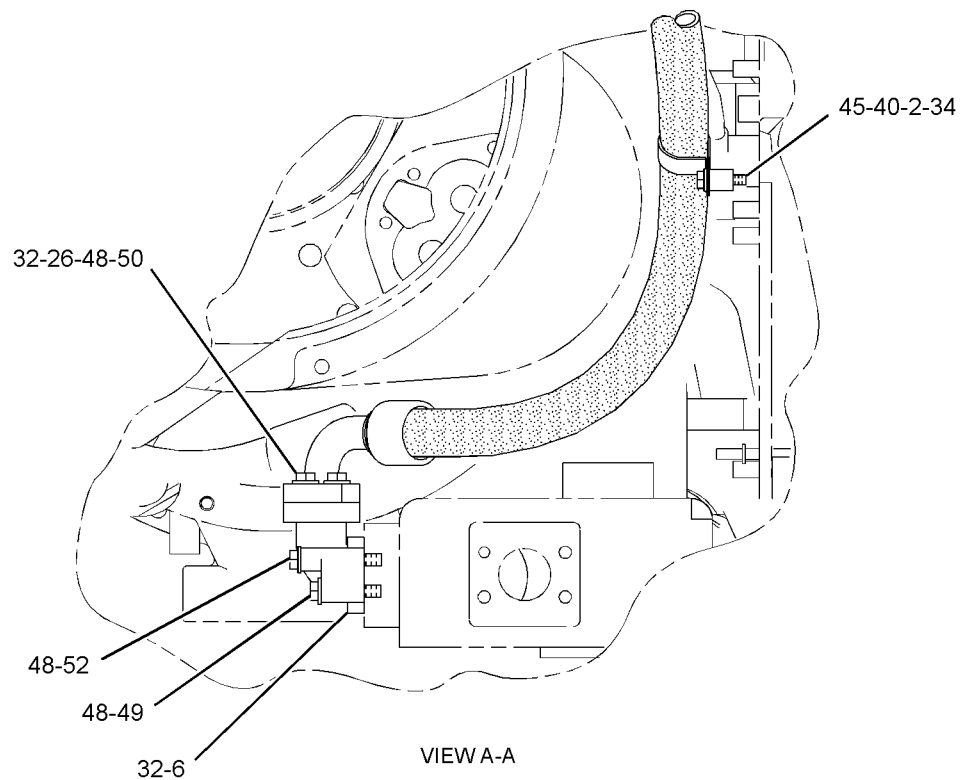
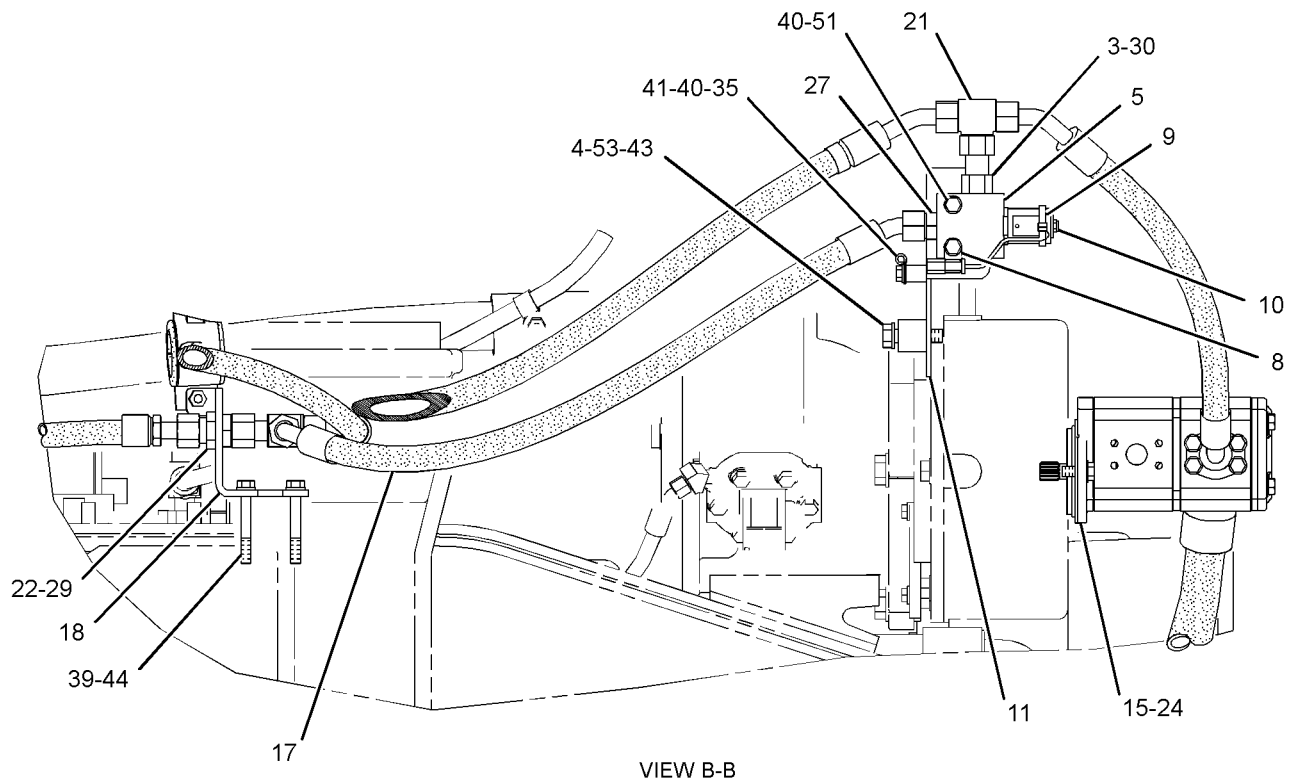
GRAPHIC #1

g01451753

POWER TRAIN

246-4555 LINES GP-AXLE OIL COOLER FAN (contd.)

i02908865



GRAPHIC #2

<END>

g01451754

POWER TRAIN

223-4254 LINES GP-AXLE VENT

S/N: BXY1-UP

PART OF 225-5455 POWER TRAIN AR

SMCS-3260, 5118

i02746237

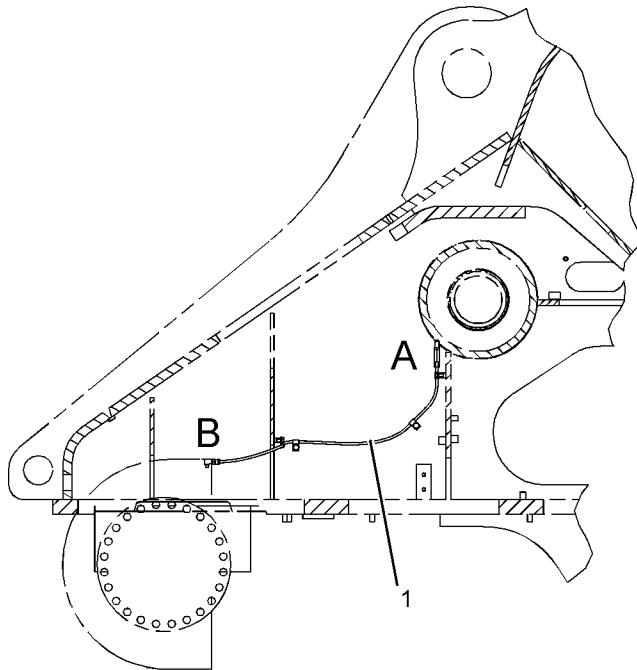
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2T-1051	1	HOSE AS						
	2	1	8T-0336	2	FITTING-PRESSURE RELIEF						
	3	1	194-7264	2	BREATHING AS (AXLE VENT)						
	4	1	220-2779	1	TUBE AS						
	5	1	236-5420	1	BRACKET AS						
	6	1	097-4896	1	SPACER (12X20X23-MM THK)						
	7	1	171-6731	1	CONNECTOR AS						
		1	6V-8398	1	SEAL-O-RING						
		1	8C-6871	1	CONNECTOR						
8		1	208-1629	1	ELBOW AS						
		1	2T-2396	1	ELBOW						
		1	6V-8398	1	SEAL-O-RING						
9		1	3B-6487	2	COUPLING (PIPE)						
10		1	3B-6552	1	ELBOW-PIPE						
11		1	3B-7262	1	NIPPLE-PIPE						
12		1	3B-7720	1	COUPLING						
13		1	5P-9085	4	CLIP						
14		1	7B-1480	1	ELBOW-REDUCING						
15		1	8M-2770	1	CLIP						
16		1	8T-4121	5	WASHER-HARD (11X21X2.5-MM THK)						
M	17	1	8T-4137	4	BOLT (M10X1.5X20-MM)						
M	18	1	8T-4185	1	BOLT (M10X1.5X50-MM)						

M-METRIC PART

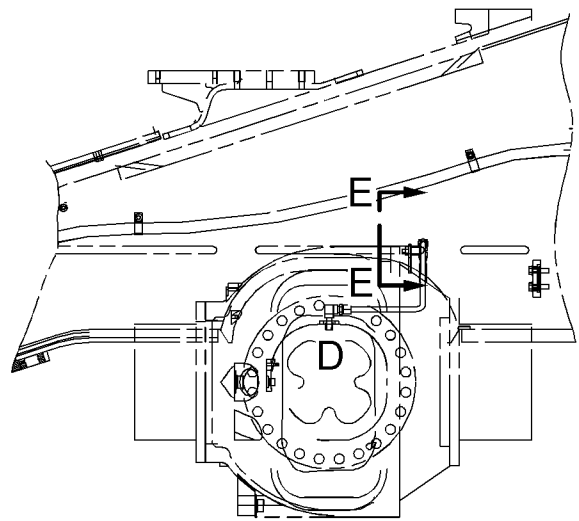
POWER TRAIN

223-4254 LINES GP-AXLE VENT (contd.)

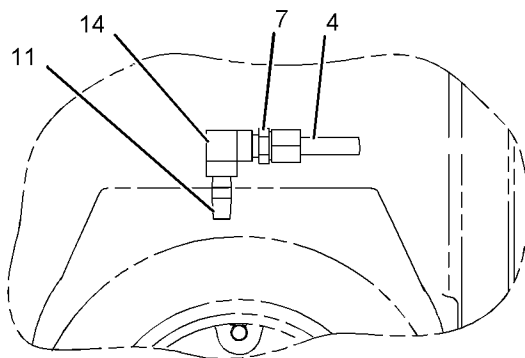
i02746237



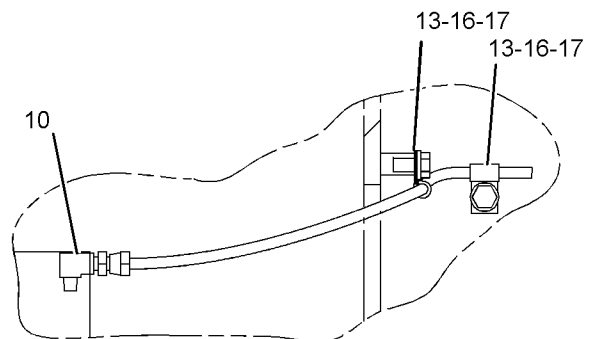
LEFT SIDE VIEW



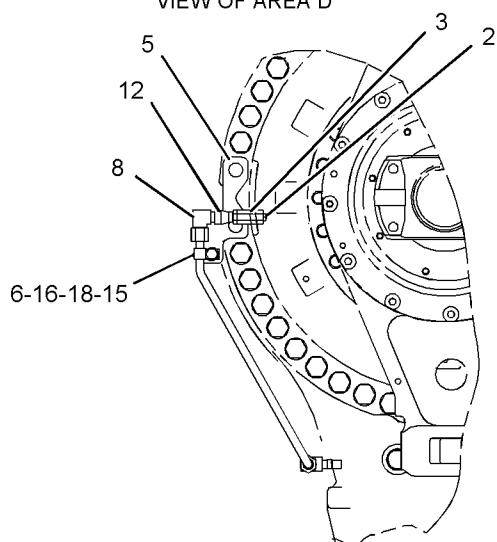
RIGHT SIDE VIEW



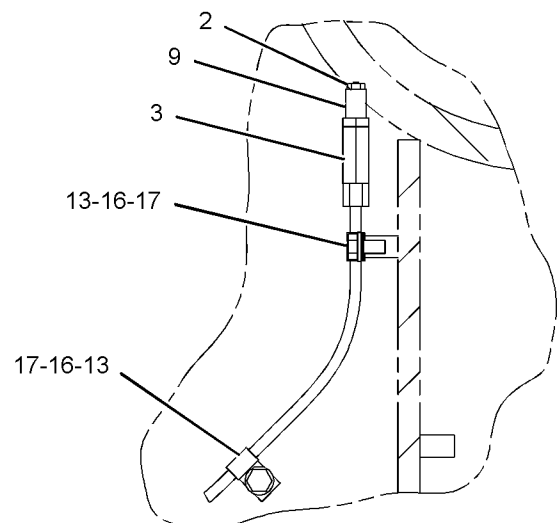
VIEW OF AREA D



VIEW OF AREA B



VIEW E-E



VIEW OF AREA A

GRAPHIC #1

<END>

g01035861

POWER TRAIN

189-7255 LINES GP-POWER TRAIN OIL

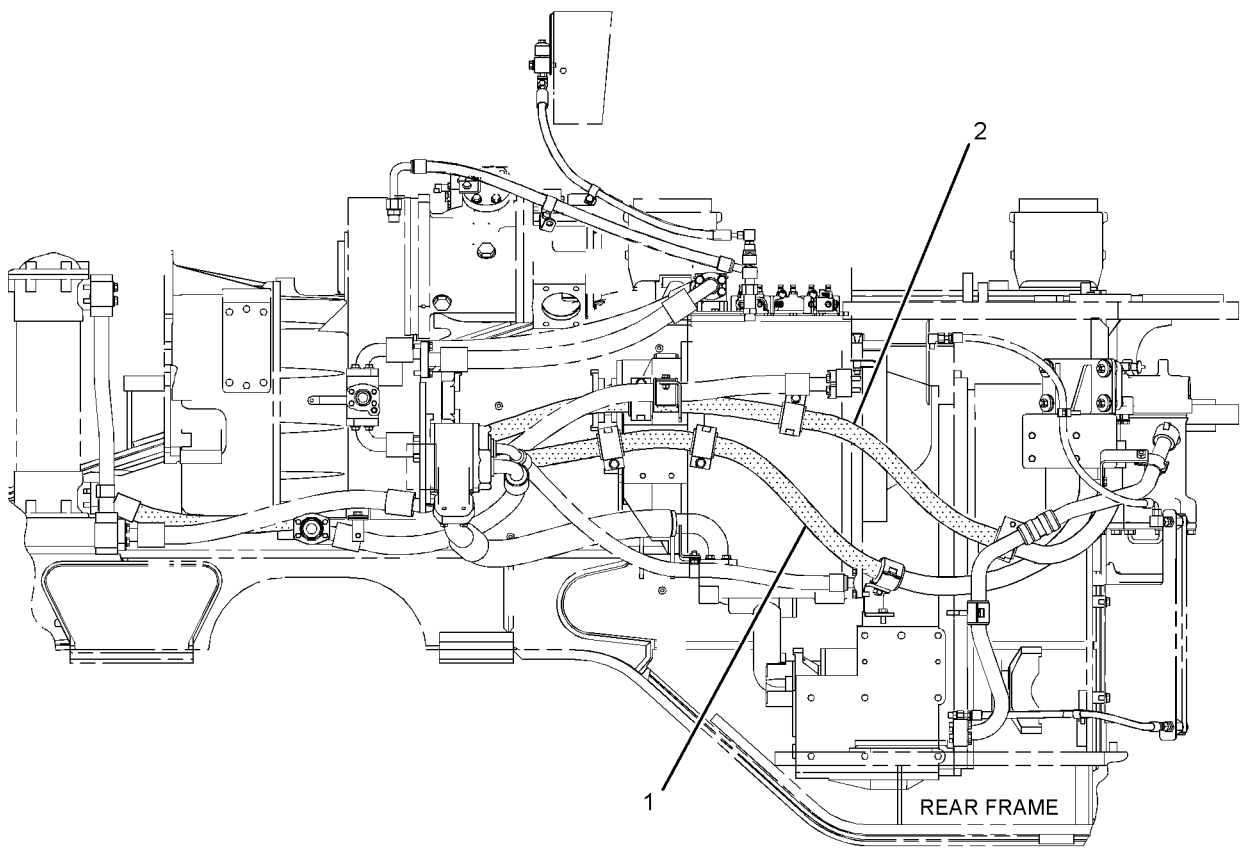
S/N: BXY1900-UP

PART OF 227-3317 CONVERSION GP-HYDRAULIC LINES, 329-8109 INSULATION GP-HEAT
AN ATTACHMENT

SMCS-3016

i02887203

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	189-7156	1	HOSE	AS					
I	2	1	262-8009	1	HOSE	AS					
I-REFER TO HYDRAULIC INFORMATION SYSTEM											



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g01200154

POWER TRAIN

225-6709 LINES GP-POWER TRAIN OIL

S/N: BXY1-507

PART OF 225-5449 HYDRAULIC AR

SMCS-3016

i02746238

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	1N-4296	1	PROTECTION GP-VANDALISM						2092
	2	4	4H-6112	1	BREATHER (POWER TRAIN)						
	3	3	5P-1291	1	HOSE						
	4	3	5P-0597	4	CLAMP-HOSE						
	5	3	6S-6251	4	MOUNT						
	6	3	6V-0852	1	CAP-DUST						
	7	1	7S-1801	1	ANCHOR-CHAIN						
	8	4	8C-8533	1	CLIP						
	9	4	8X-4886	2	ELBOW						
	10	1	101-9083	1	BRACKET AS						
Y	11	2	104-5013	1	VALVE GP-RELIEF (TORQUE CONVERTER OUTLET)						881
	12	1	118-9901	1	SPACER (12X20X10-MM THK)						
	13	1	127-4667	1	STRIP AS						
I	14	1	135-7052	1	HOSE AS						
Y	15	3	139-9189	1	GAUGE GP-SIGHT (POWER TRAIN OIL)						726
I	16	3	140-5856	1	HOSE AS						
	17	3	157-6138	1	TUBE AS						
	18	3	165-0373	1	BRACKET						
Y	19	2	170-4042	1	FILTER & MTG GP-POWER TRAIN						718
	20	3	176-5504	1	BRACKET AS						
	21	2	179-6878	1	BRACKET AS						
	22	2	180-5021	1	BRACKET AS						
	23	4	180-9595	1	BRACKET AS						
I	24	1	194-2905	1	HOSE AS						
I	25	1	194-2906	1	HOSE AS						
I	26	1	194-2909	1	HOSE AS						
I	27	1	194-2910	1	HOSE AS						
Y	28	2	195-5979	1	PUMP GP-TRANSMISSION						826
	29	3, 4	197-3295	12	FLANGE-HALF						
	30	3	205-9184	1	TUBE AS						
	31	3	207-1462	1	TUBE						
	32	4	210-5692	1	BLOCK						
I	33	1	225-6712	1	HOSE AS						
I	34	1	225-6713	1	HOSE AS						
I	35	1	225-6714	1	HOSE AS						
I	36	4	226-1958	1	HOSE AS						
I	37	1	246-9308	1	HOSE AS						
	38	4	229-8122	1	TEE						
I	39	1	231-7705	1	HOSE AS						
	40	3	231-7706	1	ADAPTER						
	41	1	107-8265	1	TEE AS-SWIVEL						
		1	6V-9746	1	SEAL-O-RING						
		1	9X-2289	1	TEE-SWIVEL						
	42	2	148-8325	1	CONNECTOR AS						
		2	3J-1907	1	SEAL-O-RING						
		2	4J-5477	1	SEAL-O-RING						
		2	6V-8641	1	CONNECTOR						
	43	2	148-8327	1	CONNECTOR AS						
		2	3D-2824	1	SEAL-O-RING						
		2	6V-8637	1	CONNECTOR						
		2	6V-9746	1	SEAL-O-RING						
	44	3	148-8336	1	CONNECTOR AS						
		3	3J-1907	1	SEAL-O-RING						
		3	6V-8397	1	SEAL-O-RING						
		3	6V-8636	1	CONNECTOR						
	45	1	148-8344	1	CONNECTOR AS						

POWER TRAIN

225-6709 LINES GP-POWER TRAIN OIL (contd.)

i02746238

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	3D-2824	1	SEAL-O-RING						
		1	6V-9162	1	CONNECTOR						
		1	6V-9746	1	SEAL-O-RING						
	46	4	148-8353	1	ELBOW AS						
		4	3J-1907	1	SEAL-O-RING						
		4	6V-8397	1	SEAL-O-RING						
		4	6V-9001	1	ELBOW						
	47	3	148-8367	1	ELBOW AS						
		3	6V-8397	1	SEAL-O-RING						
		3	6V-9850	1	ELBOW						
	48	1	148-8374	1	ELBOW AS						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8723	1	ELBOW						
	49	3	164-5567	1	COUPLER AS-QUICK DISCONNECT						
		3	3J-1907	1	SEAL-O-RING						
		3	6V-3965	1	FITTING (QUICK DISCONNECT)						
I	50	1	196-0056	1	HOSE AS						
	51	3	199-6290	1	ELBOW AS						
		3	2T-2305	1	ELBOW						
		3	6V-8397	1	SEAL-O-RING						
	52	3	1P-3705	2	SEAL-RECTANGULAR						
	53	2, 3, 4	1P-4579	14	FLANGE-HALF						
	54	4	1P-4582	2	FLANGE-HALF						
	55	2	1P-4584	2	FLANGE-HALF						
	56	1	1S-0994	1	CLIP						
	57	4	2W-5568	1	BRACKET						
	58	1	3P-2404	1	CLIP						
	59	1, 3, 4	4J-0522	11	SEAL-O-RING						
	60	1	4J-0524	8	SEAL-O-RING						
	61	1	4J-0527	1	SEAL-O-RING						
	63	3	5P-7464	1	CLIP (SLOT)						
	64	3	5P-7465	1	CLIP (TAB)						
	65	3	5P-7468	1	CLIP (SLOT)						
	66	3	5P-7469	1	CLIP (TAB)						
	67	2, 3, 4	5P-7470	8	CLIP (SLOT)						
	68	2, 3, 4	5P-7471	8	CLIP (TAB)						
	69	2, 3, 4	5P-8182	8	GROMMET						
	70	3	5P-8444	1	GROMMET						
	71	1	6J-2680	1	SEAL-O-RING						
	72	3	6V-8397	2	SEAL-O-RING						
	73	3	7K-1401	1	CLIP						
	74	3	7K-1402	1	BRACKET						
	75	3	7X-0325	1	BOLT (1/2-13X2.5-IN)						
	76	3	7X-0590	4	WASHER-HARD (13.5X44.5X6-MM THK)						
M	77	4	7X-2549	4	BOLT (M12X1.75X100-MM)						
M	78	2	7X-2552	4	BOLT (M16X2X30-MM)						
	79	3, 4	7X-3392	28	WASHER-HARD (13.5X22.5X3-MM THK)						
	80	1, 3	8M-2773	2	CLIP						
	81	2	8M-4443	1	SEAL-O-RING						
	82	4	8M-4986	1	SEAL-O-RING						
	83	4	8M-5127	1	SEAL-O-RING						
	84	2	8M-8157	1	SEAL-O-RING						
	85	1, 3	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)						
M	86	4	8T-4133	1	NUT (M10X1.5-THD)						
M	87	1	8T-4136	1	BOLT (M10X1.5X25-MM)						
M	88	1, 3	8T-4137	2	BOLT (M10X1.5X20-MM)						
M	89	2, 3, 4	8T-4139	2	BOLT (M12X1.75X30-MM)						
M	90	4	8T-4176	2	BOLT (M12X1.75X90-MM)						

POWER TRAIN

225-6709 LINES GP-POWER TRAIN OIL (contd.)

i02746238

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	91	2	8T-4178	3	BOLT (M10X1.5X90-MM)						
M	92	1, 3	8T-4179	3	BOLT (M12X1.75X20-MM)						
M	93	2, 3, 4	8T-4183	53	BOLT (M12X1.75X40-MM)						
M	94	1	8T-4186	1	BOLT (M10X1.5X40-MM)						
M	95	3, 4	8T-4192	2	BOLT (M12X1.75X25-MM)						
M	96	3	8T-4194	4	BOLT (M12X1.75X50-MM)						
M	97	4	8T-4195	1	BOLT (M10X1.5X30-MM)						
	98	1, 2, 3, 4	8T-4223	69	WASHER-HARD (13.5X25.5X3-MM THK)						
M	99	3	8T-4244	5	NUT (M12X1.75-THD)						
M	100	3	8T-4648	4	BOLT (M12X1.75X70-MM)						
M	101	4	8T-4910	5	BOLT (M12X1.75X60-MM)						
M	102	2, 3, 4	8T-4956	10	BOLT (M12X1.75X35-MM)						
M	103	3, 4	8T-6868	10	BOLT (M12X1.75X80-MM)						
	104	2	9X-8257	4	WASHER (17.5X30X3.5-MM THK)						
	105	1	103-1328	1	ELBOW						
	106	1	6V-9746	1	SEAL-O-RING						

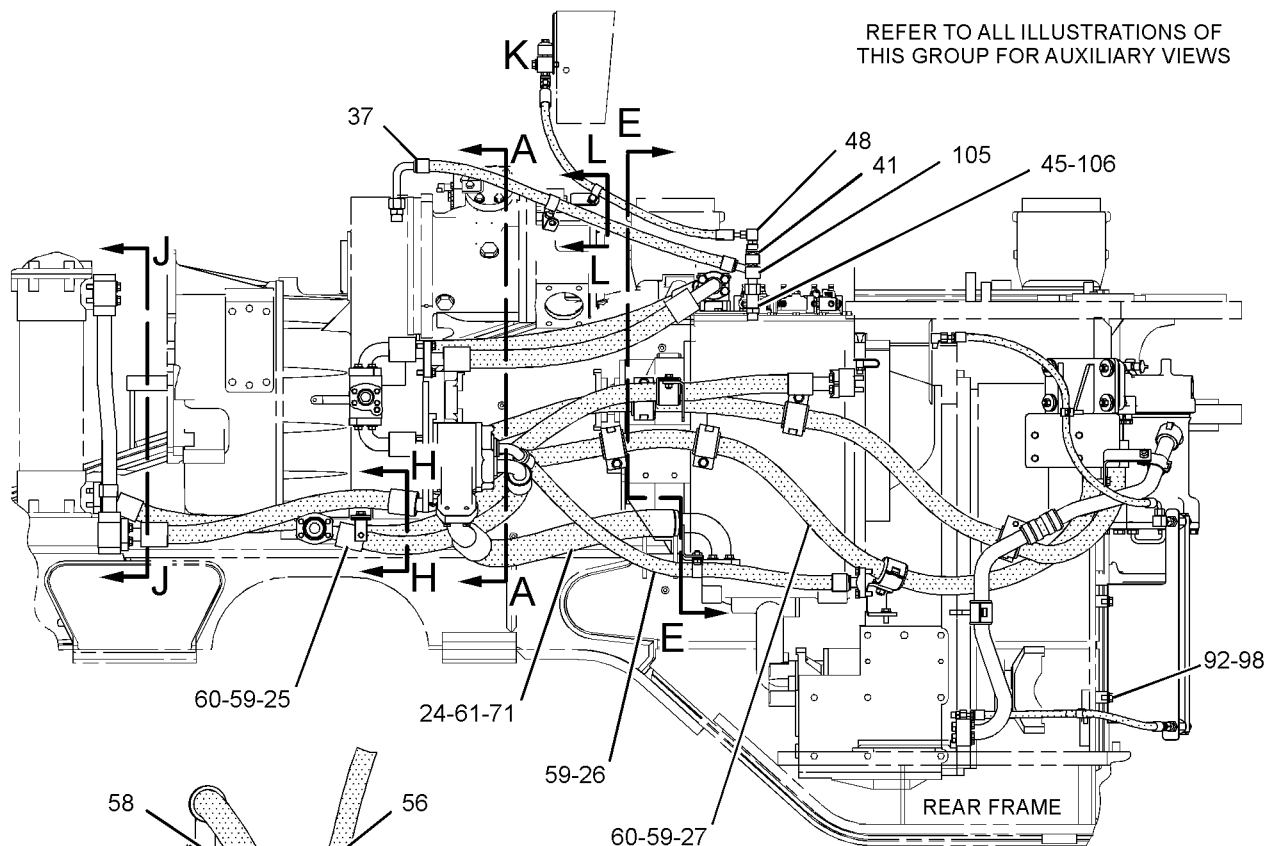
I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART
Y-SEPARATE ILLUSTRATION

POWER TRAIN

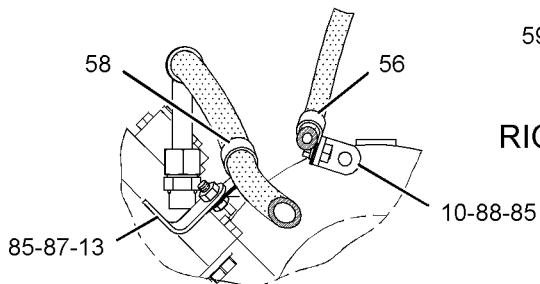
225-6709 LINES GP-POWER TRAIN OIL (contd.)

i02746238

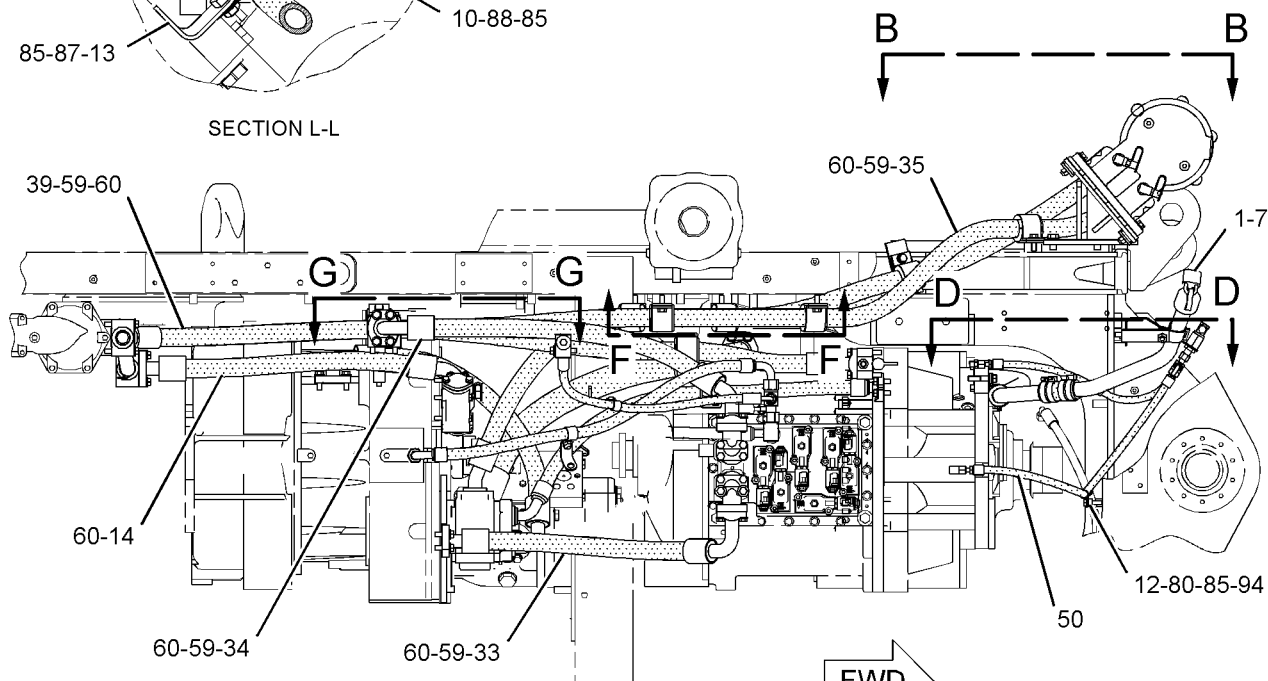
REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



RIGHT SIDE VIEW



SECTION L-L



TOP VIEW

GRAPHIC #1

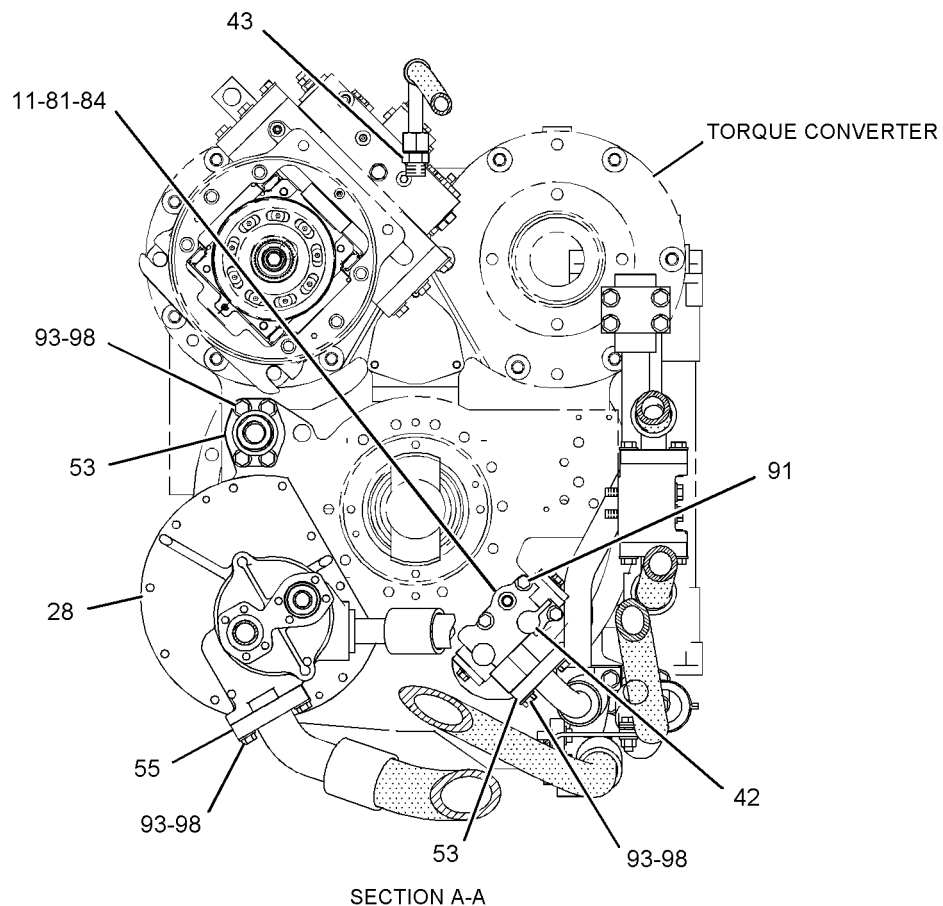
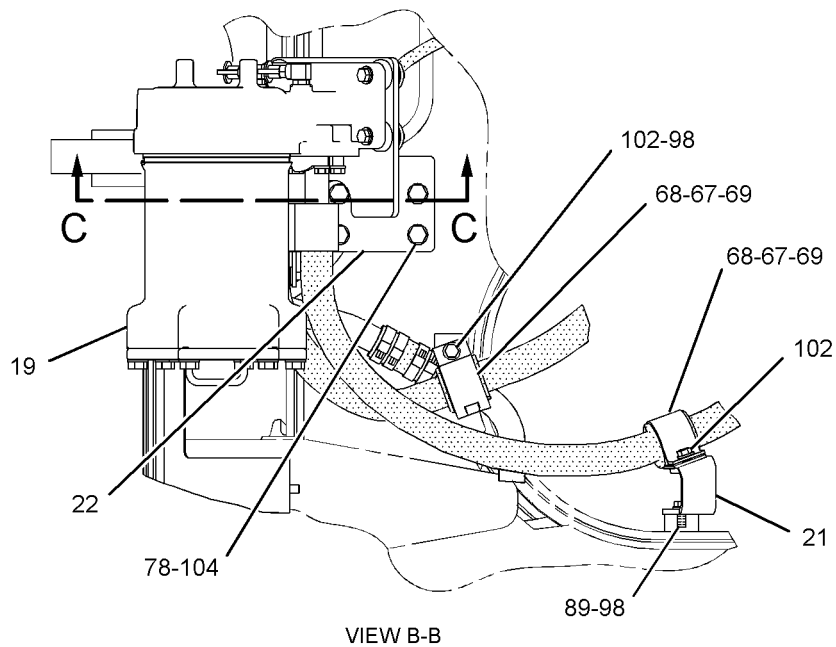
g01174828

POWER TRAIN

225-6709 LINES GP-POWER TRAIN OIL (contd.)

i02746238

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



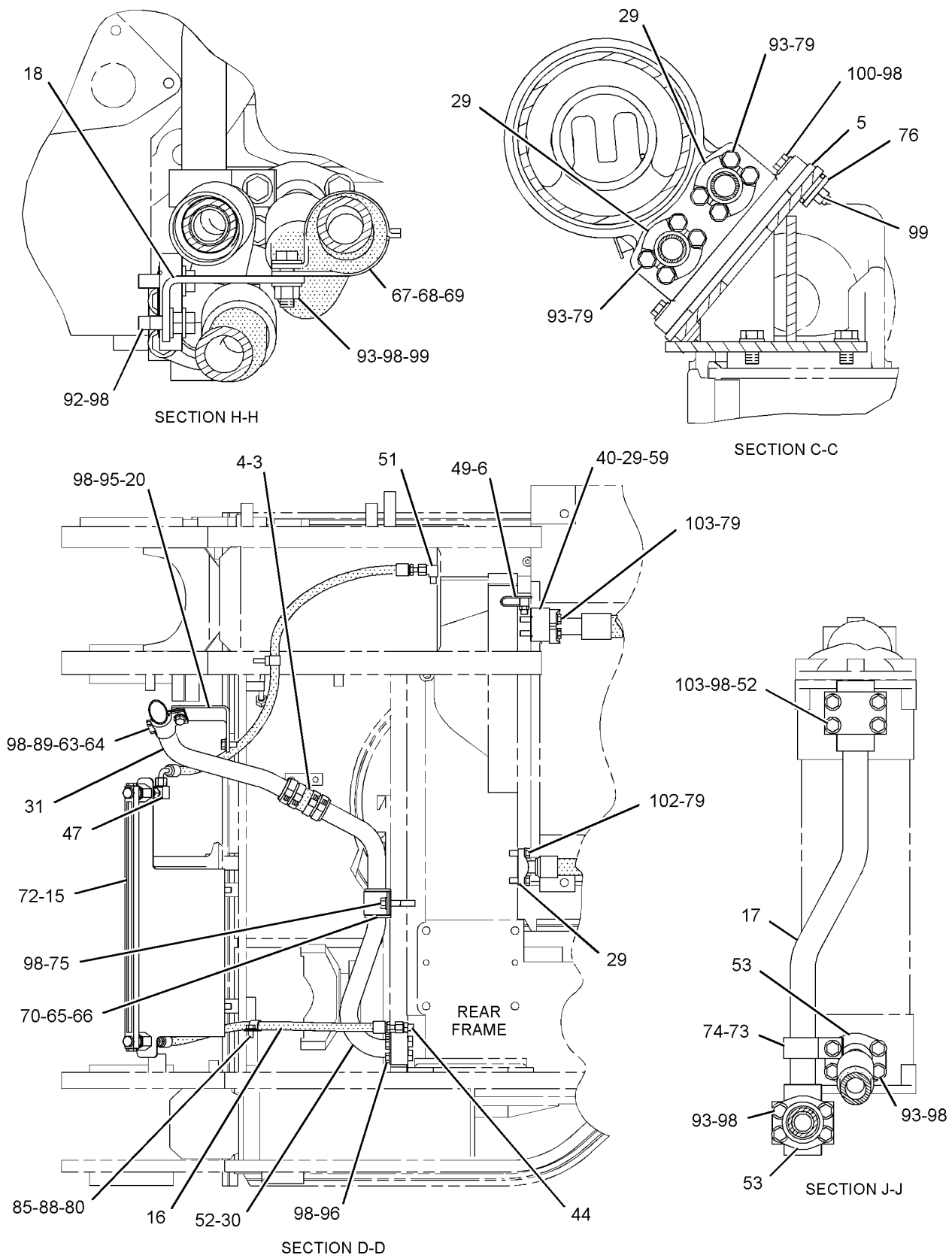
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POWER TRAIN

225-6709 LINES GP-POWER TRAIN OIL (contd.)

i02746238



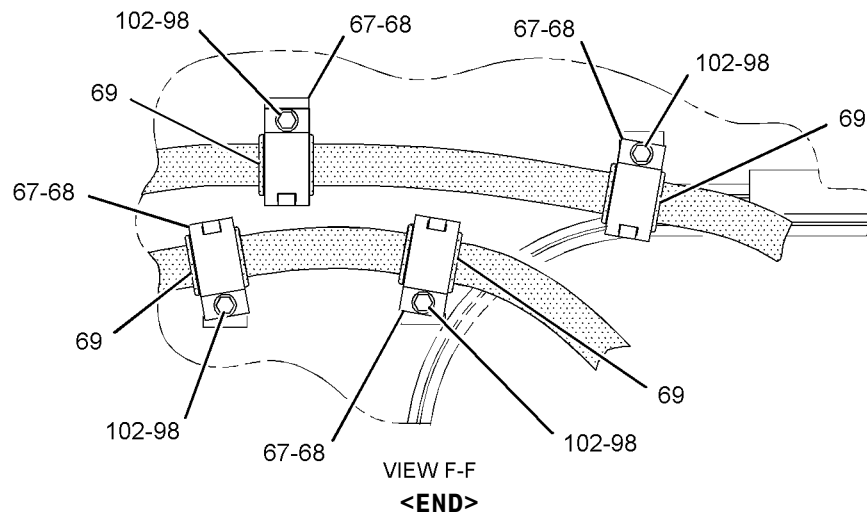
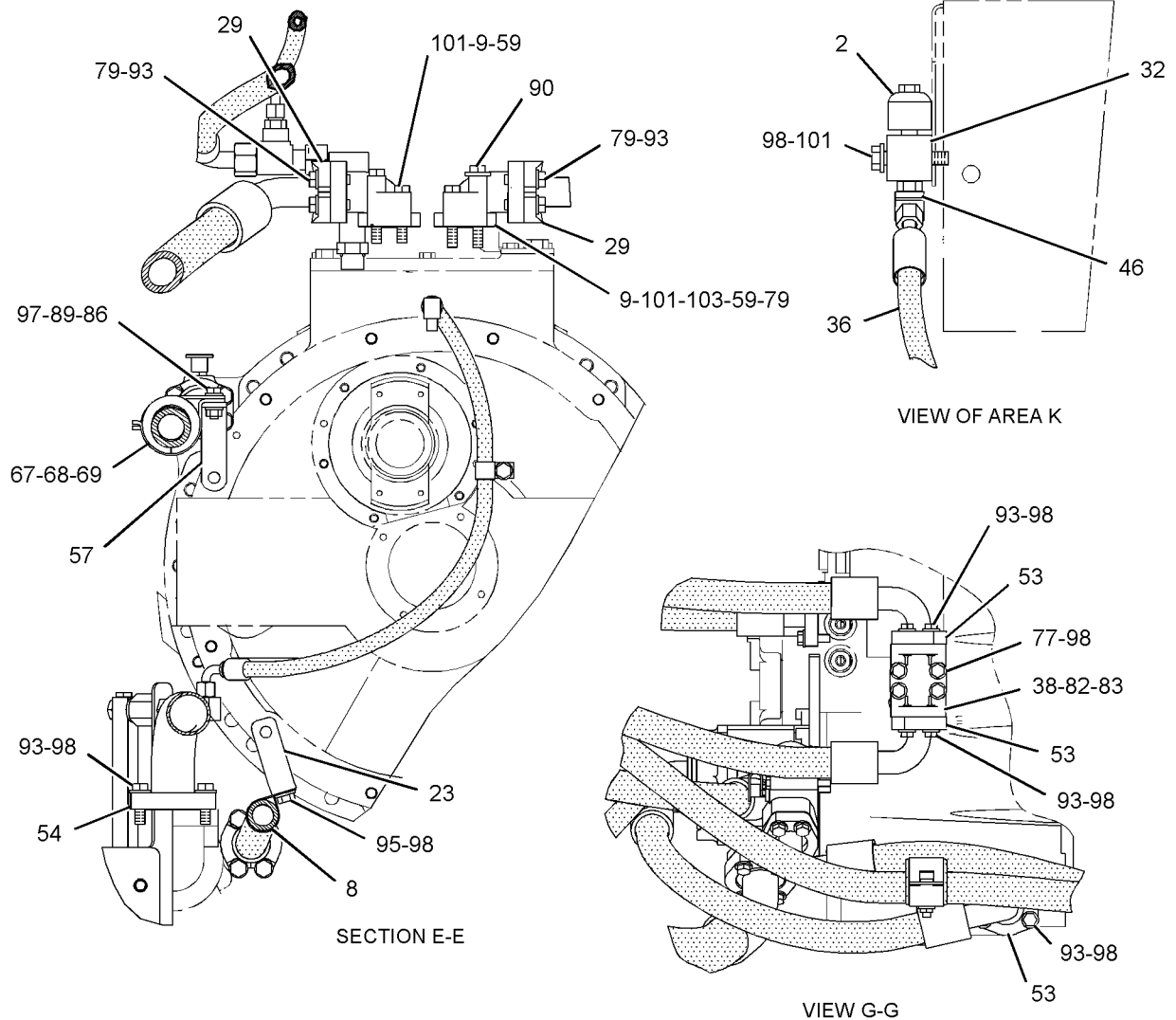
GRAPHIC #3

g01122579

POWER TRAIN

225-6709 LINES GP-POWER TRAIN OIL (contd.)

i02746238



VIEW F-F
<END>

GRAPHIC #4

g01174903

POWER TRAIN

225-6709 LINES GP-POWER TRAIN OIL

S/N: BXY508-2366

PART OF 225-5449, 298-2038 HYDRAULIC AR

SMCS-3016

i02617919

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	1N-4296	1	PROTECTION GP-VANDALISM	2092
	2	4	4H-6112	1	BREATHER (POWER TRAIN)	
E	3	3	5P-1291		HOSE (10-16-CM)	
	4	3	5P-0597	4	CLAMP-HOSE	
	5	3	6S-6251	4	MOUNT	
	6	3	6V-0852	1	CAP-DUST	
	7	1	7S-1801	1	ANCHOR-CHAIN	
	8	4	8C-8533	1	CLIP	
	9	4	8X-4886	2	ELBOW	
	10	1	101-9083	1	BRACKET AS	
Y	11	2	104-5013	1	VALVE GP-RELIEF (TORQUE CONVERTER OUTLET)	881
	12	1	118-9901	1	SPACER (12X20X10-MM THK)	
	13	1	127-4667	1	STRIP AS	
I	14	1	135-7052	1	HOSE AS	
Y	15	3	139-9189	1	GAUGE GP-SIGHT (POWER TRAIN OIL)	726
I	16	3	140-5856	1	HOSE AS	
	17	3	157-6138	1	TUBE AS	
	18	3	165-0373	1	BRACKET	
Y	19	2	170-4042	1	FILTER & MTG GP-POWER TRAIN	718
	20	3	176-5504	1	BRACKET AS	
	21	2	179-6878	1	BRACKET AS	
	22	2	180-5021	1	BRACKET AS	
	23	4	180-9595	1	BRACKET AS	
I	24	1	194-2905	1	HOSE AS	
I	25	1	194-2906	1	HOSE AS	
I	26	1	194-2909	1	HOSE AS	
I	27	1	194-2910	1	HOSE AS	
Y	28	2	195-5979	1	PUMP GP-TRANSMISSION	826
	29	3, 4	197-3295	12	FLANGE-HALF	
	30	3	205-9184	1	TUBE AS	
	31	3	207-1462	1	TUBE	
	32	4	210-5692	1	BLOCK	
I	33	1	225-6712	1	HOSE AS	
I	34	1	225-6713	1	HOSE AS	
I	35	1	225-6714	1	HOSE AS	
I	36	4	226-1958	1	HOSE AS	
I	37	1	246-9308	1	HOSE AS	
	38	4	229-8122	1	TEE	
CI	39	1	273-3224	1	HOSE AS	
	41	1	107-8265	1	TEE AS-SWIVEL	
		1	6V-9746	1	SEAL-O-RING	
		1	9X-2289	1	TEE-SWIVEL	
	42	2	148-8325	1	CONNECTOR AS	
		2	3J-1907	1	SEAL-O-RING	
		2	4J-5477	1	SEAL-O-RING	
		2	6V-8641	1	CONNECTOR	
	43	2	148-8327	1	CONNECTOR AS	
		2	3D-2824	1	SEAL-O-RING	
		2	6V-8637	1	CONNECTOR	
		2	6V-9746	1	SEAL-O-RING	
	44	3	148-8336	1	CONNECTOR AS	
		3	3J-1907	1	SEAL-O-RING	
		3	6V-8397	1	SEAL-O-RING	
		3	6V-8636	1	CONNECTOR	
	45	1	148-8344	1	CONNECTOR AS	
		1	3D-2824	1	SEAL-O-RING	

POWER TRAIN

225-6709 LINES GP-POWER TRAIN OIL (contd.)

i02617919

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	6V-9162	1	CONNECTOR						
		1	6V-9746	1	SEAL-O-RING						
	46	4	148-8353	1	ELBOW AS						
		4	3J-1907	1	SEAL-O-RING						
		4	6V-8397	1	SEAL-O-RING						
		4	6V-9001	1	ELBOW (45-DEG)						
	47	3	148-8367	1	ELBOW AS						
		3	6V-8397	1	SEAL-O-RING						
		3	6V-9850	1	ELBOW						
	48	1	148-8374	1	ELBOW AS						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8723	1	ELBOW (90-DEG)						
	49	3	164-5567	1	COUPLER AS-QUICK DISCONNECT						
		3	3J-1907	1	SEAL-O-RING						
		3	6V-3965	1	FITTING (QUICK DISCONNECT)						
I	50	1	196-0056	1	HOSE AS						
	51	3	199-6290	1	ELBOW AS						
		3	2T-2305	1	ELBOW (90-DEG)						
		3	6V-8397	1	SEAL-O-RING						
	52	3	1P-3705	2	SEAL-RECTANGULAR						
	53	2, 3, 4	1P-4579	14	FLANGE-HALF						
	54	4	1P-4582	2	FLANGE-HALF						
	55	2	1P-4584	2	FLANGE-HALF						
	56	1	1S-0994	1	CLIP						
	57	4	2W-5568	1	BRACKET						
	58	1	3P-2404	1	CLIP						
C	59	1, 4	4J-0522	10	SEAL-O-RING						
	60	1	4J-0524	8	SEAL-O-RING						
	61	1	4J-0527	1	SEAL-O-RING						
	63	3	5P-7464	1	CLIP (SLOT)						
	64	3	5P-7465	1	CLIP (TAB)						
	65	3	5P-7468	1	CLIP (SLOT)						
	66	3	5P-7469	1	CLIP (TAB)						
	67	2, 3, 4	5P-7470	8	CLIP (SLOT)						
	68	2, 3, 4	5P-7471	8	CLIP (TAB)						
	69	2, 3, 4	5P-8182	8	GROMMET						
	70	3	5P-8444	1	GROMMET						
	71	1	6J-2680	1	SEAL-O-RING						
	72	3	6V-8397	2	SEAL-O-RING						
	73	3	7K-1401	1	CLIP						
	74	3	7K-1402	1	BRACKET						
	75	3	7X-0325	1	BOLT (1/2-13X2.5-IN)						
	76	3	7X-0590	4	WASHER-HARD (13.5X44.5X6-MM THK)						
M	77	4	7X-2549	4	BOLT (M12X1.75X100-MM)						
M	78	2	7X-2552	4	BOLT (M16X2X30-MM)						
	79	3, 4	7X-3392	34	WASHER-HARD (13.5X22.5X3-MM THK)						
	80	1, 3	8M-2773	2	CLIP						
	81	2	8M-4443	1	SEAL-O-RING						
	82	4	8M-4986	1	SEAL-O-RING						
	83	4	8M-5127	1	SEAL-O-RING						
	84	2	8M-8157	1	SEAL-O-RING						
	85	1, 3	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)						
M	86	4	8T-4133	1	NUT (M10X1.5-THD)						
M	87	1	8T-4136	1	BOLT (M10X1.5X25-MM)						
M	88	1, 3	8T-4137	2	BOLT (M10X1.5X20-MM)						
M	89	2, 3, 4	8T-4139	2	BOLT (M12X1.75X30-MM)						
M	90	4	8T-4176	2	BOLT (M12X1.75X90-MM)						
M	91	2	8T-4178	3	BOLT (M10X1.5X90-MM)						

POWER TRAIN

225-6709 LINES GP-POWER TRAIN OIL (contd.)

i02617919

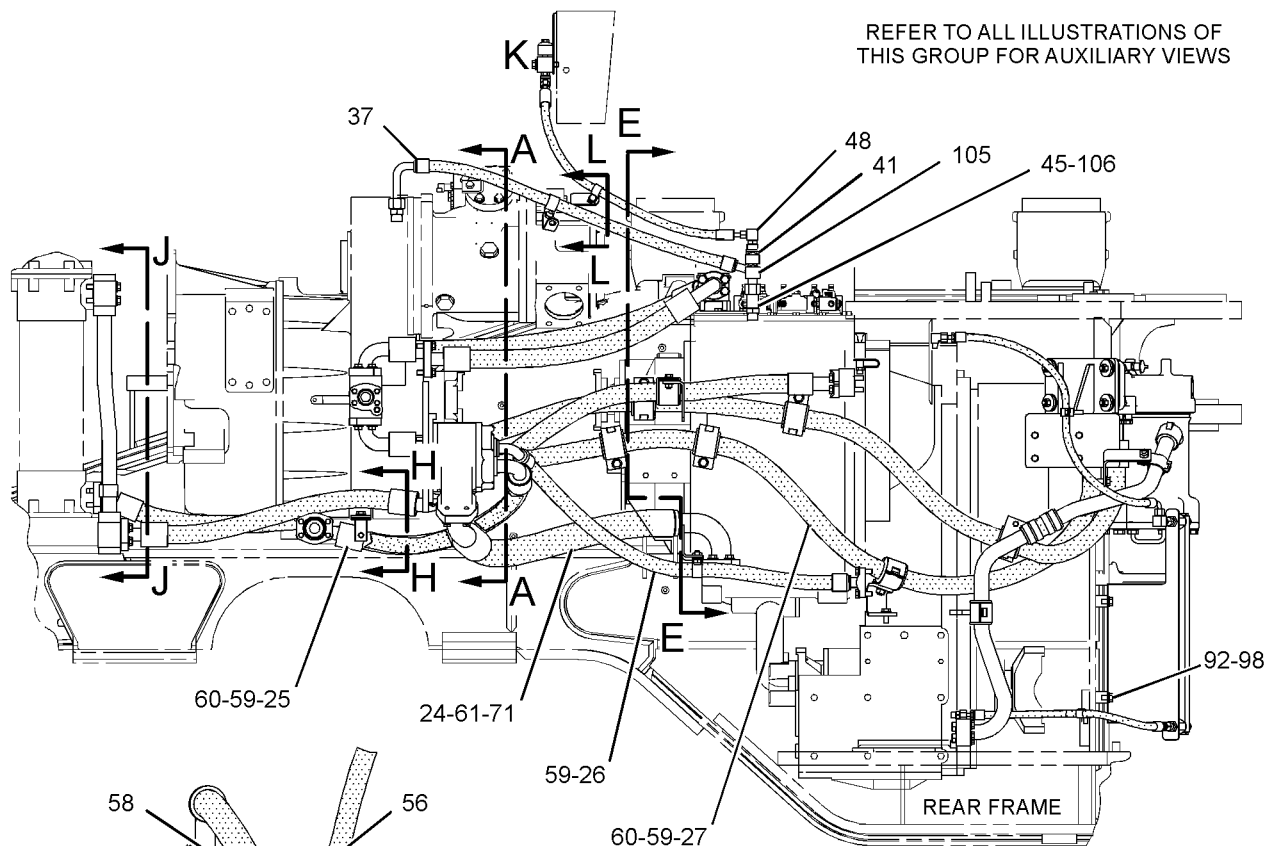
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	92	1, 3	8T-4179	3	BOLT (M12X1.75X20-MM)						
M	93	2, 3, 4	8T-4183	53	BOLT (M12X1.75X40-MM)						
M	94	1	8T-4186	1	BOLT (M10X1.5X40-MM)						
M	95	3, 4	8T-4192	2	BOLT (M12X1.75X25-MM)						
M	96	3	8T-4194	4	BOLT (M12X1.75X50-MM)						
M	97	4	8T-4195	1	BOLT (M10X1.5X30-MM)						
	98	1, 2, 3, 4	8T-4223	69	WASHER-HARD (13.5X25.5X3-MM THK)						
M	99	3	8T-4244	5	NUT (M12X1.75-THD)						
M	100	3	8T-4648	4	BOLT (M12X1.75X70-MM)						
M	101	4	8T-4910	5	BOLT (M12X1.75X60-MM)						
CM	102	2, 3, 4	8T-4956	14	BOLT (M12X1.75X35-MM)						
CM	103	3, 4	8T-6868	6	BOLT (M12X1.75X80-MM)						
	104	2	9X-8257	4	WASHER (17.5X30X3.5-MM THK)						
	105	1	103-1328	1	ELBOW (SWIVEL)						
	106	1	6V-9746	1	SEAL-O-RING						

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

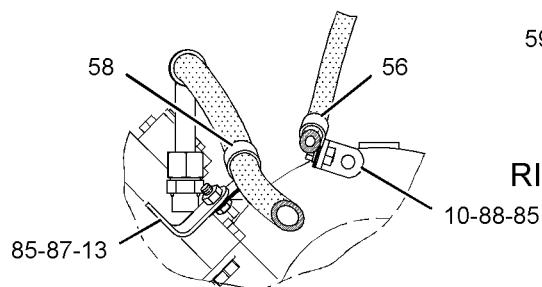
POWER TRAIN

225-6709 LINES GP-POWER TRAIN OIL (contd.)

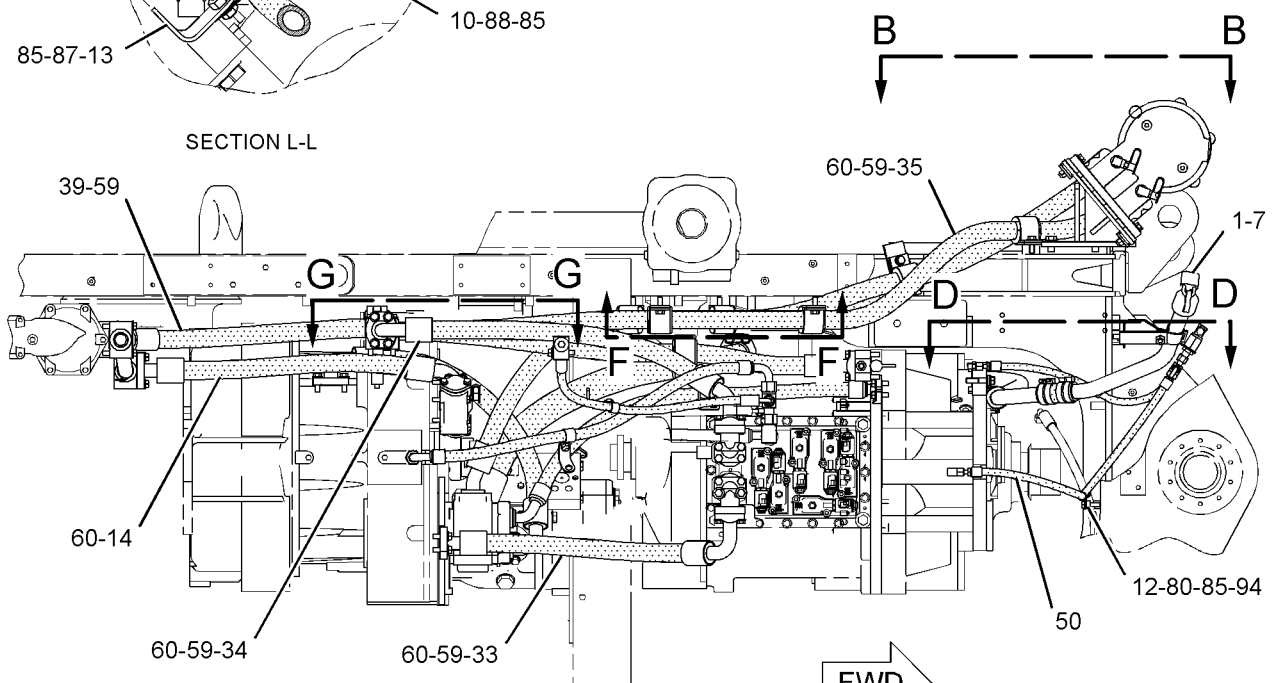
i02617919



RIGHT SIDE VIEW



SECTION L-L



TOP VIEW

GRAPHIC #1

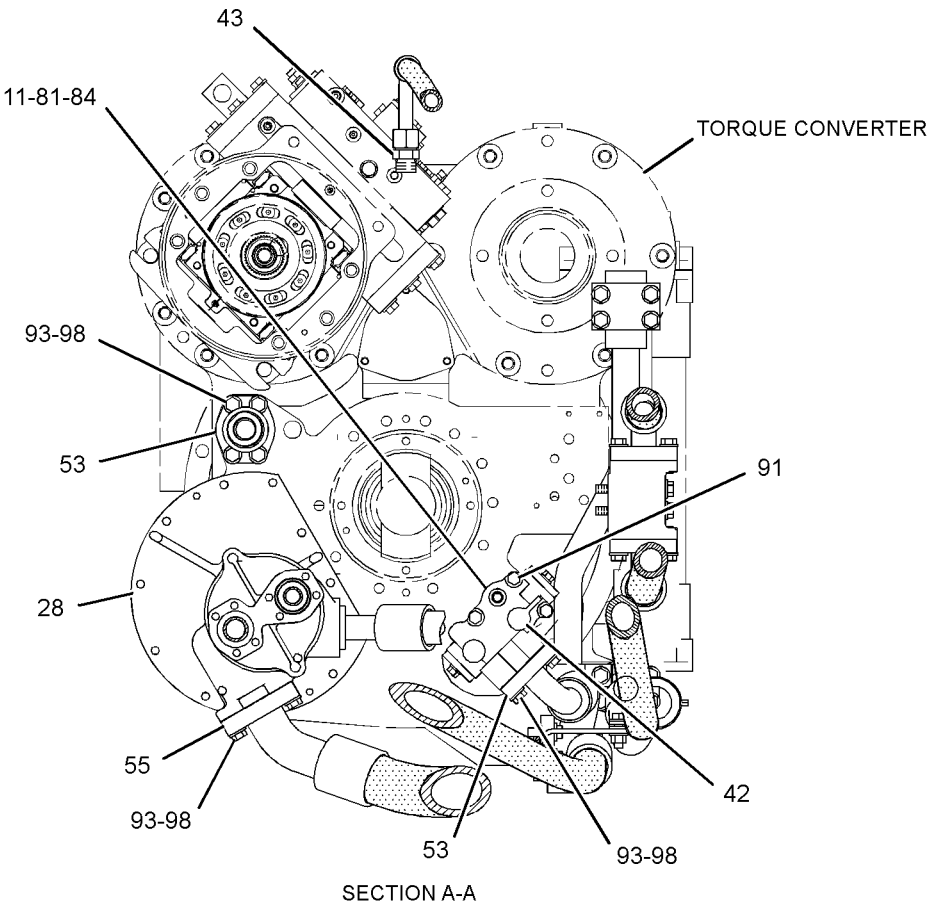
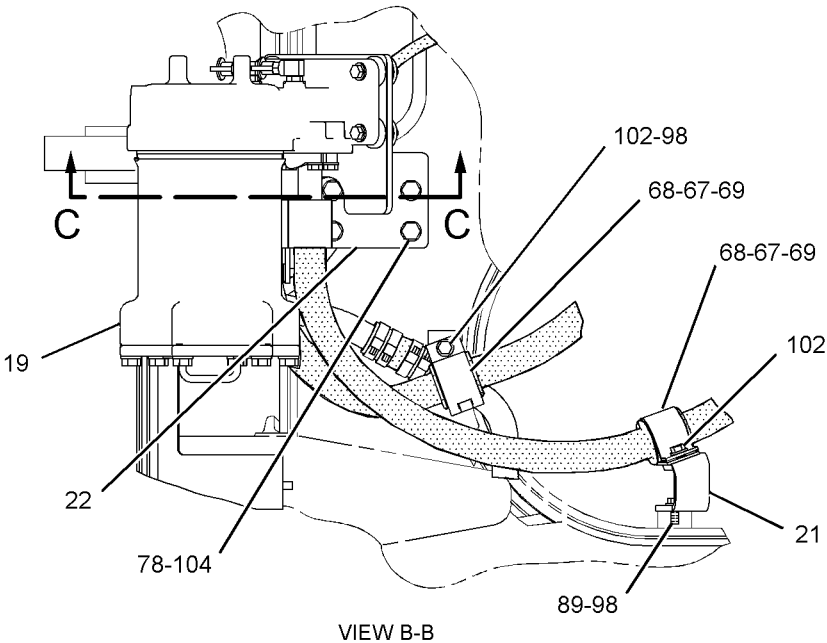
g01178831

POWER TRAIN

225-6709 LINES GP-POWER TRAIN OIL (contd.)

i02617919

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



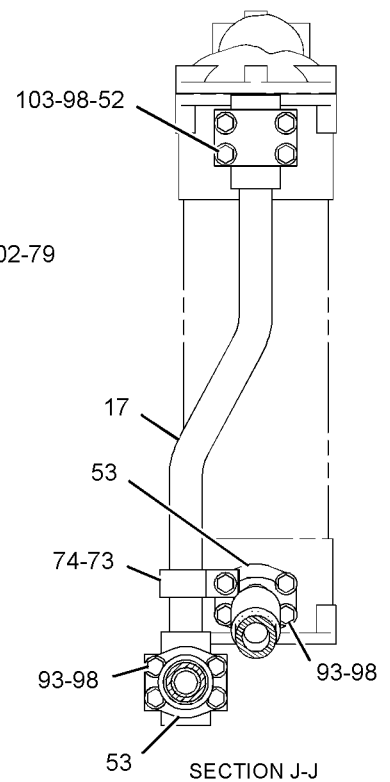
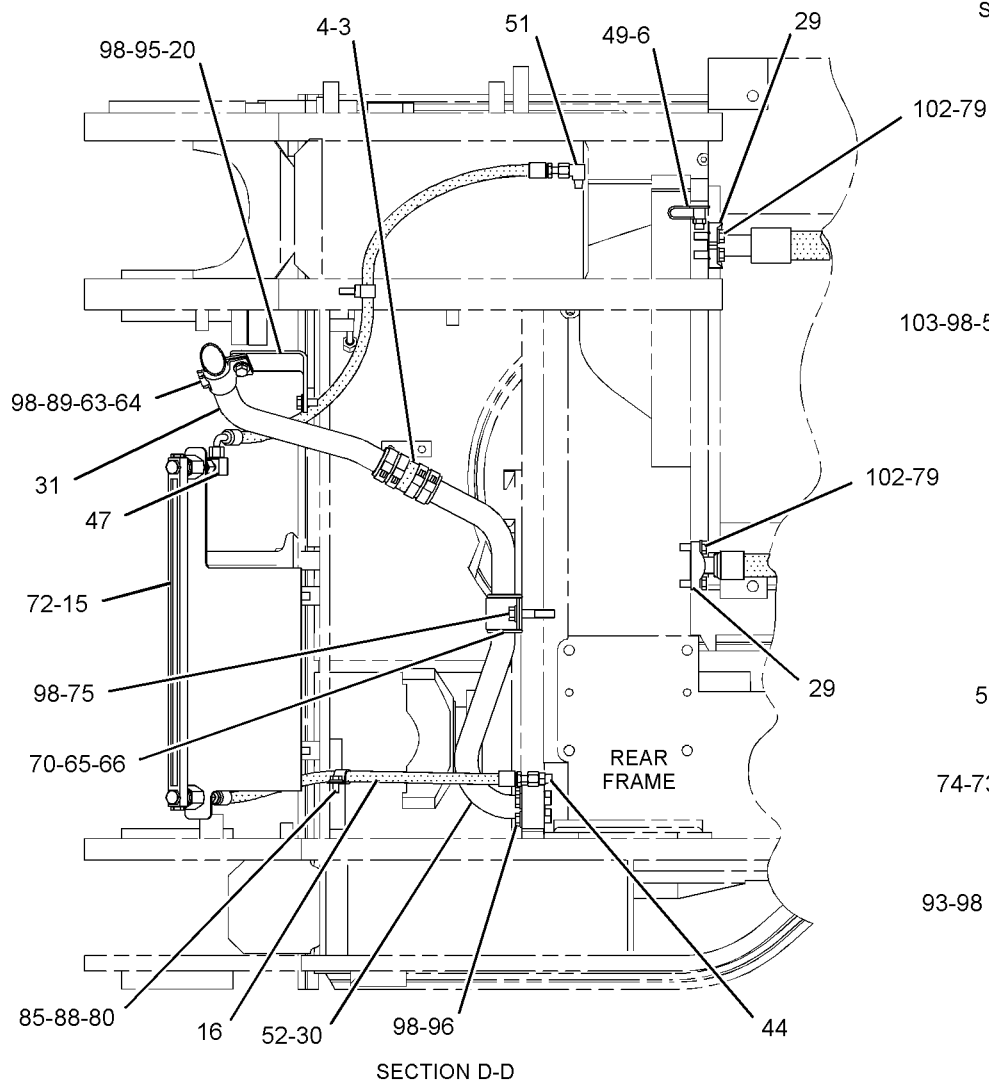
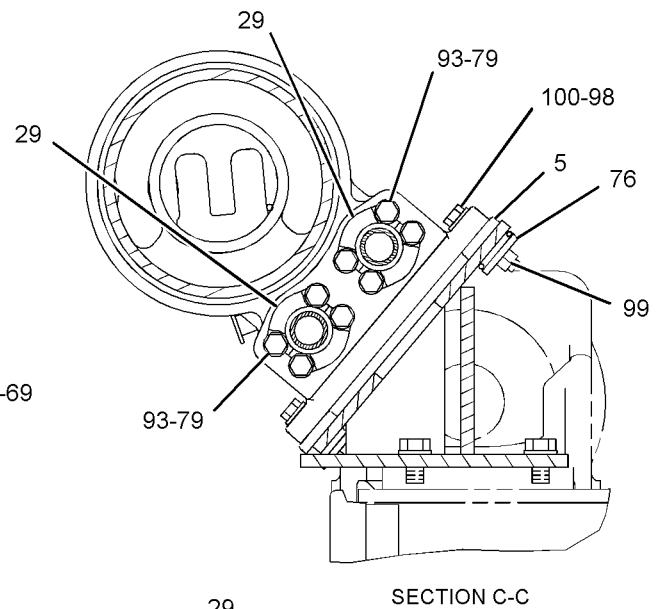
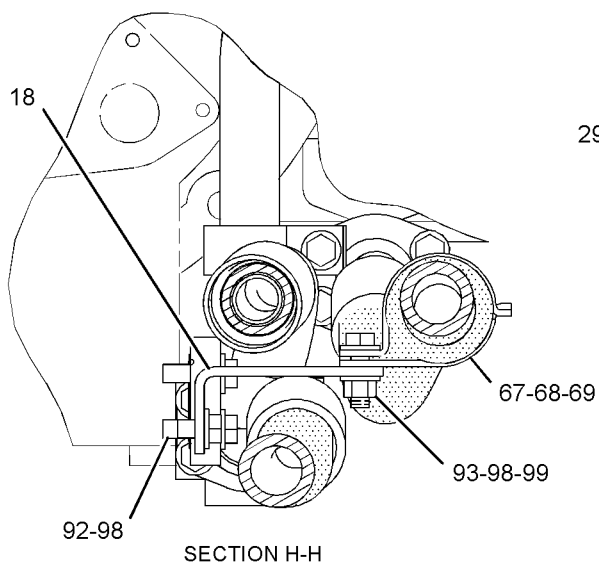
GRAPHIC #2

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POWER TRAIN

225-6709 LINES GP-POWER TRAIN OIL (contd.)

i02617919



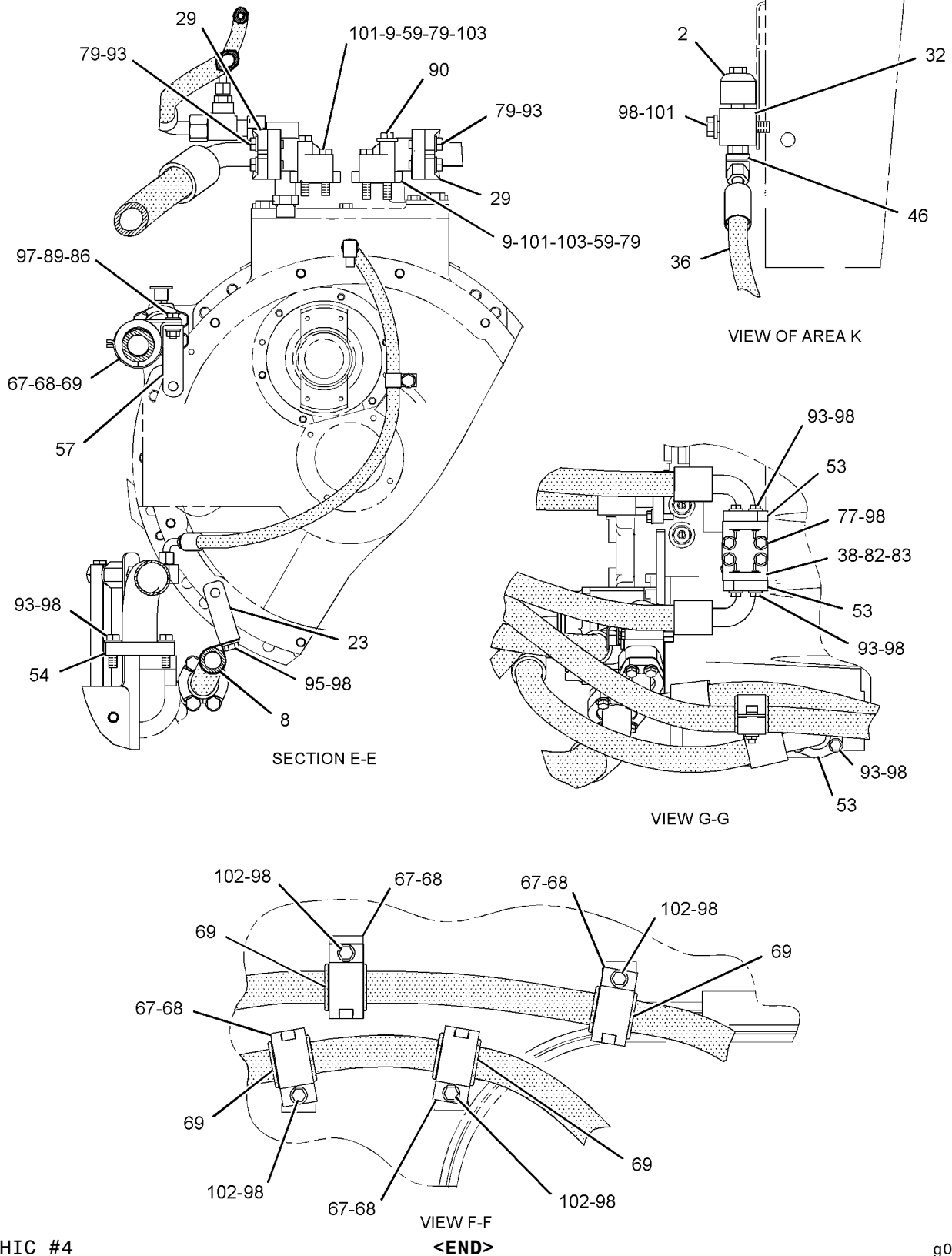
GRAPHIC #3

g01178987

POWER TRAIN

225-6709 LINES GP-POWER TRAIN OIL (contd.)

i02617919



GRAPHIC #4

g01311135

POWER TRAIN

225-6709 LINES GP-POWER TRAIN OIL

S/N: BXY2367-2398

PART OF 298-2038 HYDRAULIC AR

SMCS-3016

i03092239

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	1N-4296	1	PROTECTION GP-VANDALISM						2092
	2	4	4H-6112	1	BREATHER (POWER TRAIN)						
E	3	3	5P-1291		HOSE (10-16-CM)						
C	4	3	5P-0597	2	CLAMP-HOSE						
	5	3	6S-6251	4	MOUNT						
	6	3	6V-0852	1	CAP-DUST						
	7	1	7S-1801	1	ANCHOR-CHAIN						
	8	4	8C-8533	1	CLIP						
	9	4	8X-4886	2	ELBOW						
	10	1	101-9083	1	BRACKET AS						
Y	11	2	104-5013	1	VALVE GP-RELIEF (TORQUE CONVERTER OUTLET)						881
	12	1	118-9901	1	SPACER (12X20X10-MM THK)						
	13	1	127-4667	1	STRIP AS						
I	14	1	135-7052	1	HOSE AS						
Y	15	3	139-9189	1	GAUGE GP-SIGHT (POWER TRAIN OIL)						726
I	16	3	140-5856	1	HOSE AS						
C	17	1	148-8430	1	TEE AS						
		1	6V-9746	1	SEAL-O-RING						
		1	7X-0873	1	TEE						
	18	3	157-6138	1	TUBE AS						
C	19	3, 4	165-0373	2	BRACKET						
Y	20	2	170-4042	1	FILTER & MTG GP-POWER TRAIN						718
	21	3	176-5504	1	BRACKET AS						
	22	2	180-5021	1	BRACKET AS						
	23	4	180-9595	1	BRACKET AS						
I	24	1	194-2905	1	HOSE AS						
I	25	1	194-2906	1	HOSE AS						
I	26	1	194-2909	1	HOSE AS						
I	27	1	194-2910	1	HOSE AS						
Y	28	2	195-5979	1	PUMP GP-TRANSMISSION						826
	29	3, 4	197-3295	12	FLANGE-HALF						
	30	3	205-9184	1	TUBE AS						
	31	4	210-5692	1	BLOCK						
I	32	1	225-6712	1	HOSE AS						
I	33	1	225-6713	1	HOSE AS						
I	34	1	225-6714	1	HOSE AS						
	35	4	229-8122	1	TEE						
I	36	1	273-3224	1	HOSE AS						
CI	37	1	314-5580	1	HOSE AS						
CI	38	1	314-5581	1	HOSE AS						
C	39	3	314-5582	1	TUBE						
C	40	2	316-4382	1	BRACKET AS						
M		2	8T-3597	1	NUT-WELD (M12X1.75-THD)						
	41	2	148-8327	1	CONNECTOR AS						
		2	3D-2824	1	SEAL-O-RING						
		2	6V-8637	1	CONNECTOR						
		2	6V-9746	1	SEAL-O-RING						
	42	3	148-8336	1	CONNECTOR AS						
		3	3J-1907	1	SEAL-O-RING						
		3	6V-8397	1	SEAL-O-RING						
		3	6V-8636	1	CONNECTOR						
	43	1	148-8344	1	CONNECTOR AS						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-9162	1	CONNECTOR						
		1	6V-9746	1	SEAL-O-RING						
	44	4	148-8353	1	ELBOW AS						

POWER TRAIN

225-6709 LINES GP-POWER TRAIN OIL (contd.)

i03092239

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		4	3J-1907	1	SEAL-O-RING						
		4	6V-8397	1	SEAL-O-RING						
		4	6V-9001	1	ELBOW (45-DEG)						
	45	3	148-8367	1	ELBOW AS						
		3	6V-8397	1	SEAL-O-RING						
		3	6V-9850	1	ELBOW						
C	46	4	148-8378	1	ELBOW AS						
		4	3J-1907	1	SEAL-O-RING						
		4	6V-8397	1	SEAL-O-RING						
		4	6V-8724	1	ELBOW						
	47	3	164-5567	1	COUPLER AS-QUICK DISCONNECT						
		3	3J-1907	1	SEAL-O-RING						
		3	6V-3965	1	FITTING (QUICK DISCONNECT)						
I	48	1	196-0056	1	HOSE AS						
	49	3	199-6290	1	ELBOW AS						
		3	2T-2305	1	ELBOW (90-DEG)						
		3	6V-8397	1	SEAL-O-RING						
	50	3	1P-3705	2	SEAL-RECTANGULAR						
	51	2,3,4	1P-4579	14	FLANGE-HALF						
	52	4	1P-4582	2	FLANGE-HALF						
	53	2	1P-4584	2	FLANGE-HALF						
	54	1	3P-2404	1	CLIP						
	55	1,3,4	4J-0522	10	SEAL-O-RING						
	56	1,2,3,4	4J-0524	8	SEAL-O-RING						
	57	4	4J-0527	1	SEAL-O-RING						
	58	3	5P-7464	1	CLIP (SLOT)						
	59	3	5P-7465	1	CLIP (TAB)						
	60	3	5P-7468	1	CLIP (SLOT)						
	61	3	5P-7469	1	CLIP (TAB)						
	62	2,3,4	5P-7470	8	CLIP (SLOT)						
	63	2,3,4	5P-7471	8	CLIP (TAB)						
	64	2,3,4	5P-8182	8	GROMMET						
	65	3	5P-8444	1	GROMMET						
	66	2	6J-2680	1	SEAL-O-RING						
	67	3	6V-8397	2	SEAL-O-RING						
	68	3	7K-1401	1	CLIP						
	69	3	7K-1402	1	BRACKET						
	70	3	7X-0325	1	BOLT (1/2-13X2.5-IN)						
	71	3	7X-0590	4	WASHER-HARD (13.5X44.5X6-MM THK)						
M	72	4	7X-2549	4	BOLT (M12X1.75X100-MM)						
M	73	2	7X-2552	4	BOLT (M16X2X30-MM)						
	74	3,4	7X-3392	34	WASHER-HARD (13.5X22.5X3-MM THK)						
	75	1,3	8M-2773	2	CLIP						
	76	2	8M-4443	1	SEAL-O-RING						
	77	4	8M-4986	1	SEAL-O-RING						
	78	4	8M-5127	1	SEAL-O-RING						
	79	2	8M-8157	1	SEAL-O-RING						
C	80	1	8S-0948	1	CLIP						
C	81	1,3	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)						
CM	82	1	8T-4136	2	BOLT (M10X1.5X25-MM)						
CM	83	3	8T-4137	1	BOLT (M10X1.5X20-MM)						
M	84	4	8T-4176	2	BOLT (M12X1.75X90-MM)						
M	85	2	8T-4178	3	BOLT (M10X1.5X90-MM)						
CM	86	2,3,4	8T-4183	54	BOLT (M12X1.75X40-MM)						
M	87	1	8T-4186	1	BOLT (M10X1.5X40-MM)						
CM	88	1,3,4	8T-4192	5	BOLT (M12X1.75X25-MM)						
M	89	3	8T-4194	4	BOLT (M12X1.75X50-MM)						
C	90	1,2,3,4	8T-4223	71	WASHER-HARD (13.5X25.5X3-MM THK)						

POWER TRAIN

225-6709 LINES GP-POWER TRAIN OIL (contd.)

i03092239

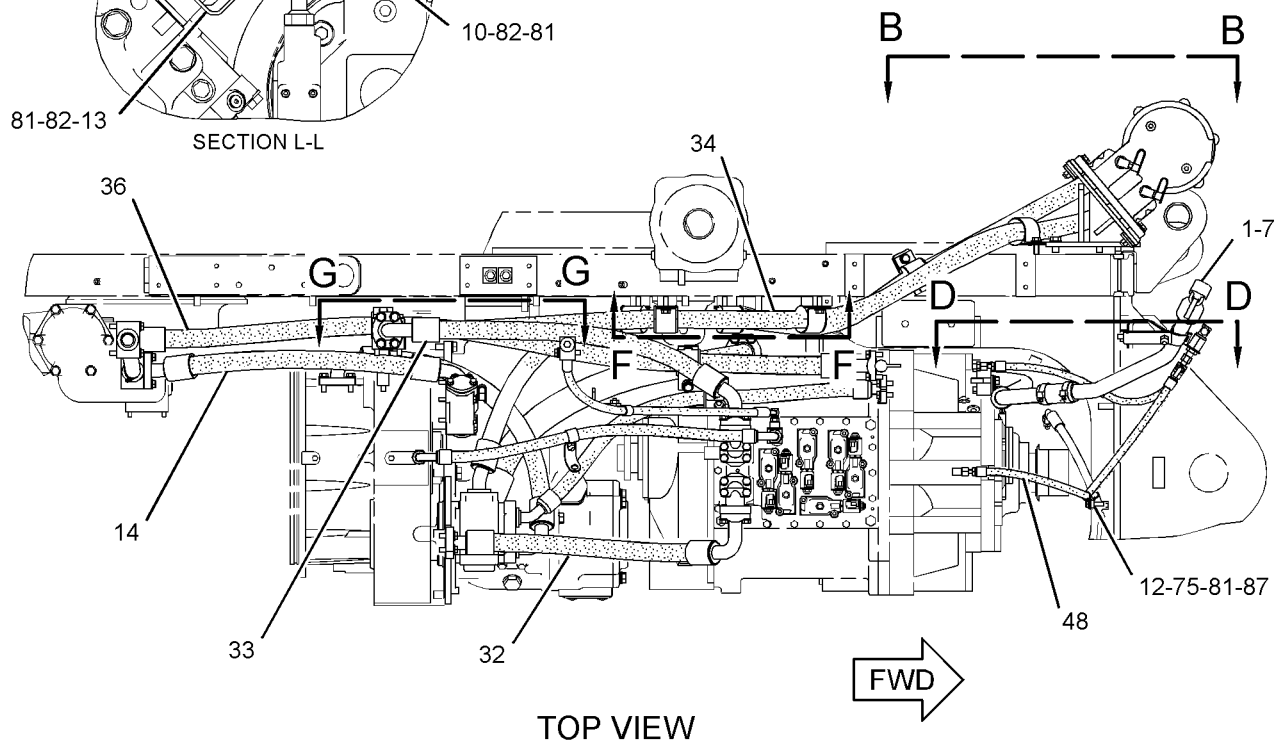
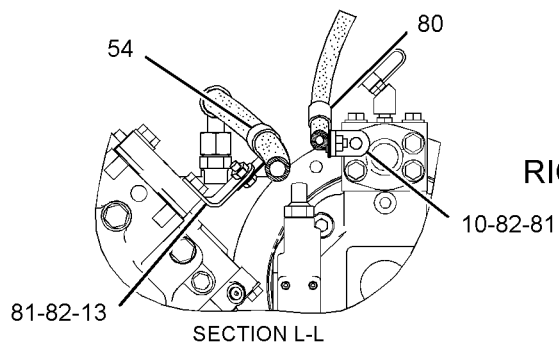
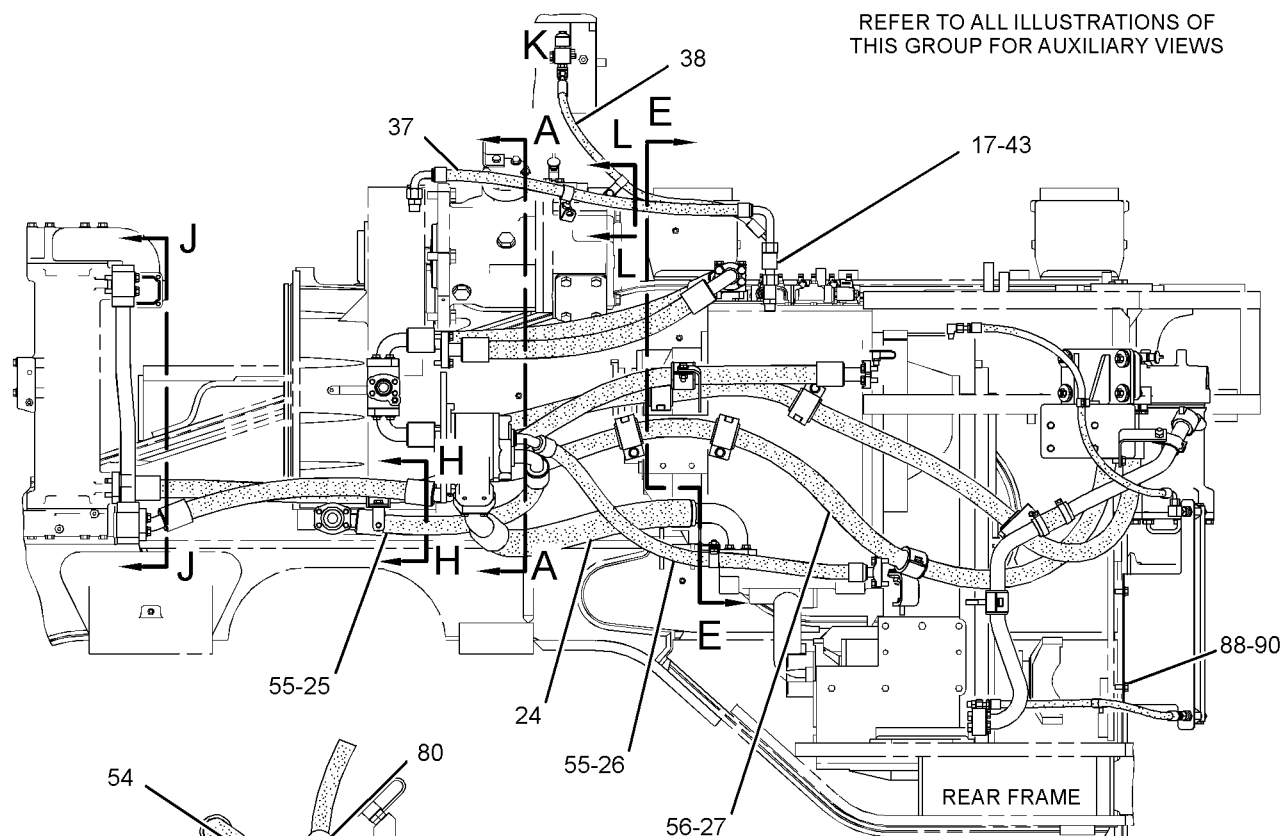
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
CM	91	3, 4	8T-4244	6	NUT (M12X1.75-THD)						
M	92	3	8T-4648	4	BOLT (M12X1.75X70-MM)						
M	93	4	8T-4910	5	BOLT (M12X1.75X60-MM)						
CM	94	2, 3, 4	8T-4956	16	BOLT (M12X1.75X35-MM)						
M	95	3, 4	8T-6868	6	BOLT (M12X1.75X80-MM)						
	96	2	9X-8257	4	WASHER (17.5X30X3.5-MM THK)						

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

POWER TRAIN

225-6709 LINES GP-POWER TRAIN OIL (contd.)

i03092239



GRAPHIC #1

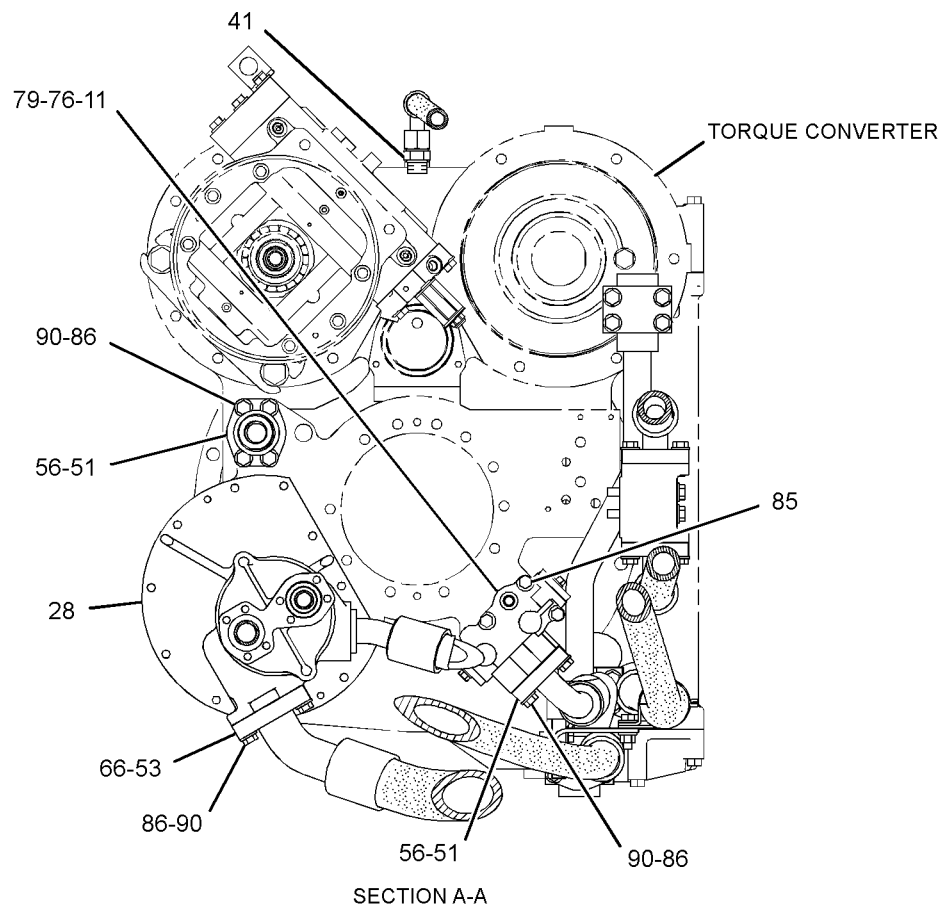
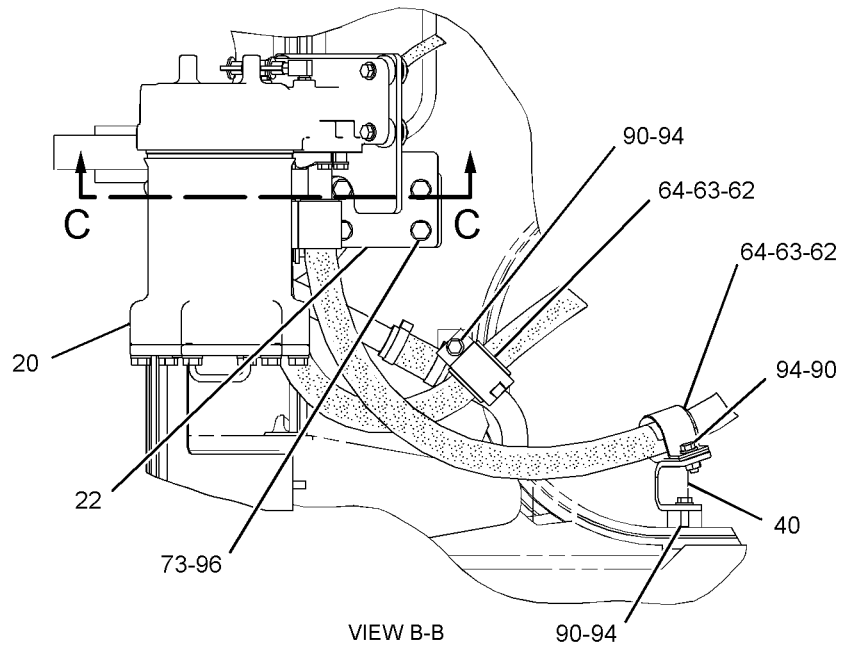
g01621146

POWER TRAIN

225-6709 LINES GP-POWER TRAIN OIL (contd.)

i03092239

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



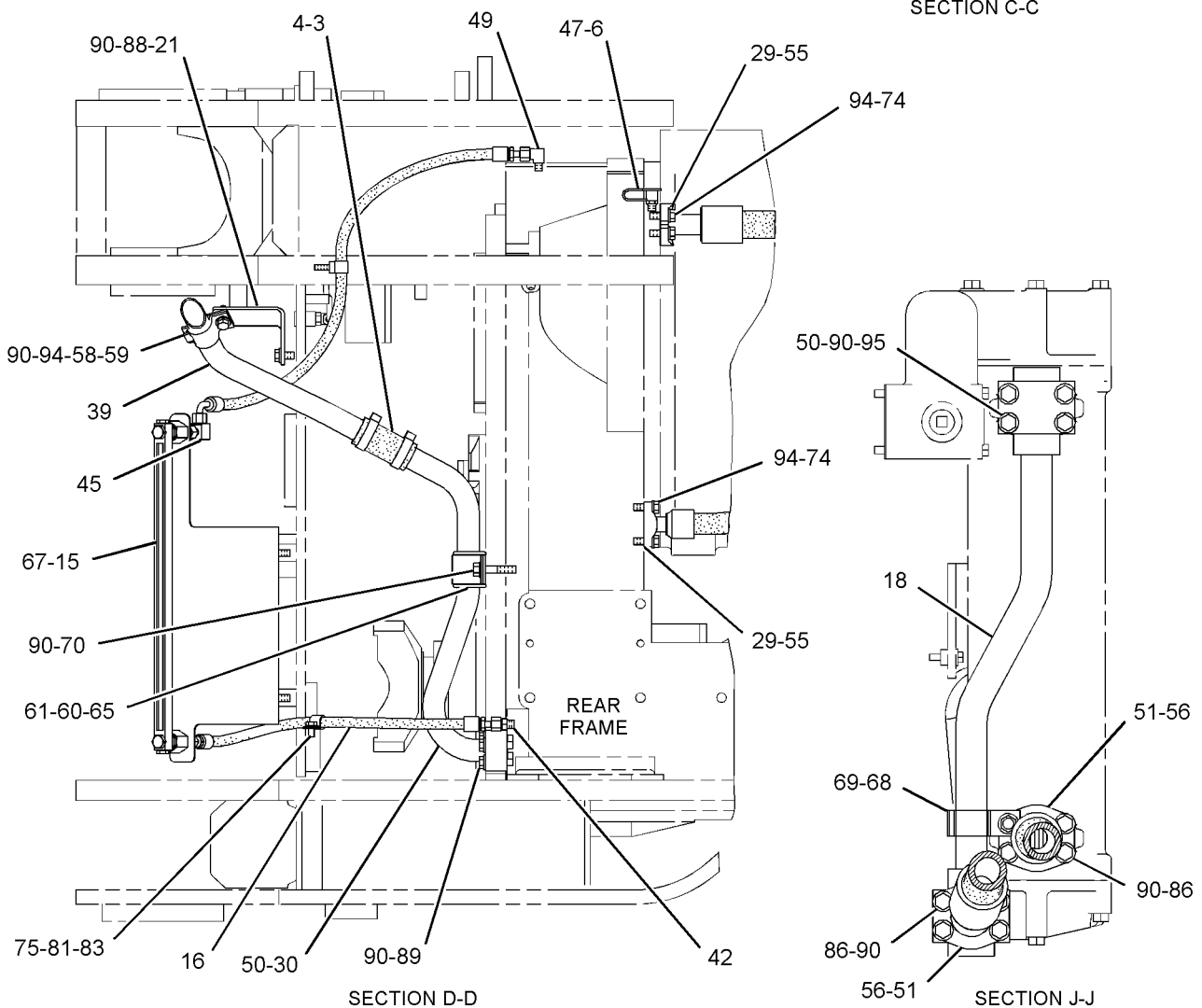
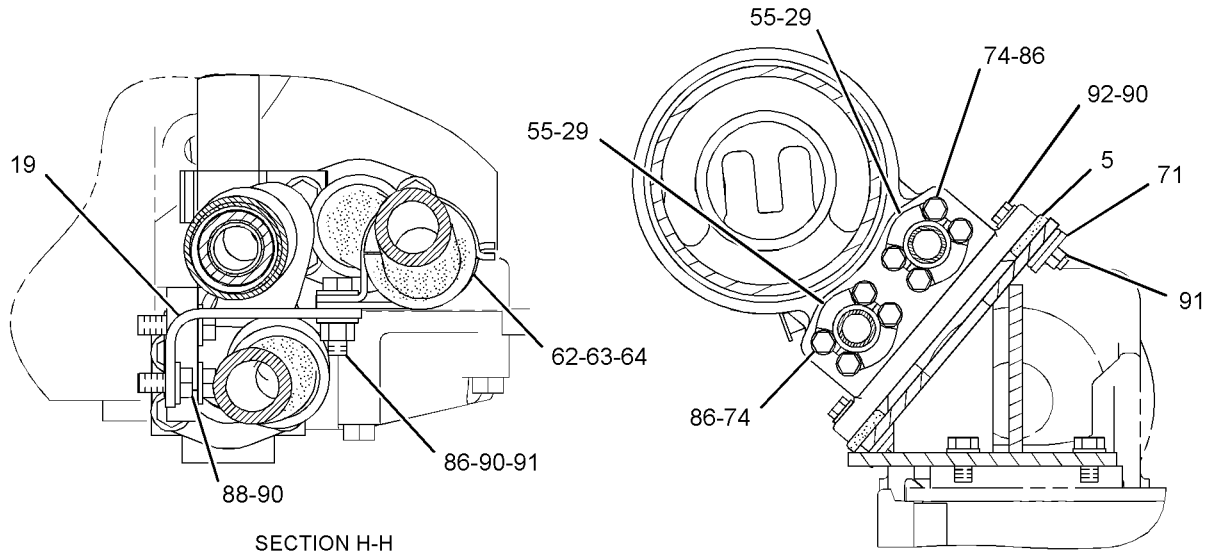
GRAPHIC #2

g01621147

POWER TRAIN

225-6709 LINES GP-POWER TRAIN OIL (contd.)

i03092239



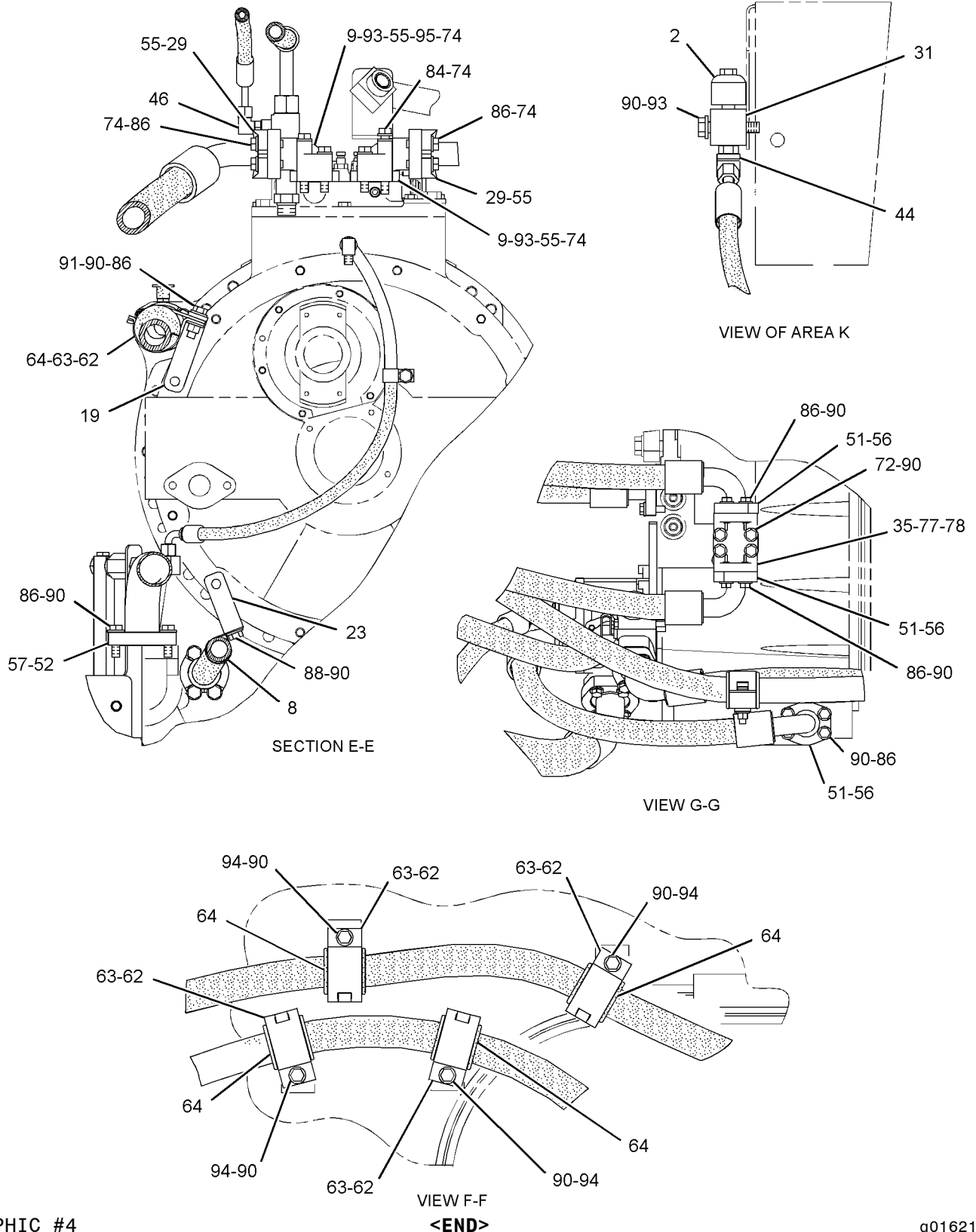
GRAPHIC #3

g01621148

POWER TRAIN

225-6709 LINES GP-POWER TRAIN OIL (contd.)

i03092239



g01621149

POWER TRAIN

225-6709 LINES GP-POWER TRAIN OIL

S/N: BXY2399-3999

PART OF 298-2038 HYDRAULIC AR

SMCS-3016

i03125580

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	1N-4296	1	PROTECTION GP-VANDALISM	2092
	2	4	4H-6112	1	BREATHER (POWER TRAIN)	
E	3	3	5P-1291		HOSE (10.2-CM)	
	4	3	5P-0597	2	CLAMP-HOSE	
	5	3	6S-6251	4	MOUNT	
	6	3	6V-0852	1	CAP-DUST	
	7	1	7S-1801	1	ANCHOR-CHAIN	
	8	4	8C-8533	1	CLIP	
	9	4	8X-4886	2	ELBOW	
	10	1	101-9083	1	BRACKET AS	
Y	11	2	104-5013	1	VALVE GP-RELIEF (TORQUE CONVERTER OUTLET)	881
	12	1	118-9901	1	SPACER (12X20X10-MM THK)	
	13	1	127-4667	1	STRIP AS	
I	14	1	135-7052	1	HOSE AS	
Y	15	3	139-9189	1	GAUGE GP-SIGHT (POWER TRAIN OIL)	726
I	16	3	140-5856	1	HOSE AS	
	18	3	157-6138	1	TUBE AS	
	19	3, 4	165-0373	2	BRACKET	
Y	20	2	170-4042	1	FILTER & MTG GP-POWER TRAIN	718
	21	3	176-5504	1	BRACKET AS	
	22	2	180-5021	1	BRACKET AS	
	23	4	180-9595	1	BRACKET AS	
I	24	1	194-2905	1	HOSE AS	
I	25	1	194-2906	1	HOSE AS	
I	26	1	194-2909	1	HOSE AS	
I	27	1	194-2910	1	HOSE AS	
Y	28	2	195-5979	1	PUMP GP-TRANSMISSION	826
	29	3, 4	197-3295	12	FLANGE-HALF	
	30	3	205-9184	1	TUBE AS	
	31	4	210-5692	1	BLOCK	
I	32	1	225-6712	1	HOSE AS	
I	33	1	225-6713	1	HOSE AS	
I	34	1	225-6714	1	HOSE AS	
	35	4	229-8122	1	TEE	
I	36	1	273-3224	1	HOSE AS	
CI	37	1	246-9308	1	HOSE AS	
I	38	1	314-5581	1	HOSE AS	
	39	3	314-5582	1	TUBE	
	40	2	316-4382	1	BRACKET AS	
	41	2	148-8327	1	CONNECTOR AS	
		2	3D-2824	1	SEAL-O-RING	
		2	6V-8637	1	CONNECTOR	
		2	6V-9746	1	SEAL-O-RING	
C	42	3, 4	148-8336	2	CONNECTOR AS	
					(EACH INCLUDES)	
		3, 4	3J-1907	1	SEAL-O-RING	
		3, 4	6V-8397	1	SEAL-O-RING	
		3, 4	6V-8636	1	CONNECTOR	
	43	1	148-8344	1	CONNECTOR AS	
		1	3D-2824	1	SEAL-O-RING	
		1	6V-9162	1	CONNECTOR	
		1	6V-9746	1	SEAL-O-RING	
	45	3	148-8367	1	ELBOW AS	
		3	6V-8397	1	SEAL-O-RING	
		3	6V-9850	1	ELBOW	
	47	3	164-5567	1	COUPLER AS-QUICK DISCONNECT	

POWER TRAIN

225-6709 LINES GP-POWER TRAIN OIL (contd.)

i03125580

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		3	214-7568	1	SEAL-O-RING						
		3	6V-3965	1	FITTING (QUICK DISCONNECT)						
I	48	1	196-0056	1	HOSE AS						
	49	3	199-6290	1	ELBOW AS						
		3	2T-2305	1	ELBOW						
		3	6V-8397	1	SEAL-O-RING						
	50	3	1P-3705	2	SEAL-RECTANGULAR						
	51	2,3,4	1P-4579	14	FLANGE-HALF						
	52	4	1P-4582	2	FLANGE-HALF						
	53	2	1P-4584	2	FLANGE-HALF						
	54	1	3P-2404	1	CLIP						
	55	1,3,4	4J-0522	10	SEAL-O-RING						
	56	1,2,3,4	4J-0524	8	SEAL-O-RING						
	57	4	4J-0527	1	SEAL-O-RING						
	58	3	5P-7464	1	CLIP (SLOT)						
	59	3	5P-7465	1	CLIP (TAB)						
	60	3	5P-7468	1	CLIP (SLOT)						
	61	3	5P-7469	1	CLIP (TAB)						
	62	2,3,4	5P-7470	8	CLIP (SLOT)						
	63	2,3,4	5P-7471	8	CLIP (TAB)						
	64	2,3,4	5P-8182	8	GROMMET						
	65	3	5P-8444	1	GROMMET						
	66	2	6J-2680	1	SEAL-O-RING						
	67	3	6V-8397	2	SEAL-O-RING						
	68	3	7K-1401	1	CLIP						
	69	3	7K-1402	1	BRACKET						
	70	3	7X-0325	1	BOLT (1/2-13X2.5-IN)						
	71	3	7X-0590	4	WASHER-HARD (13.5X44.5X6-MM THK)						
M	72	4	7X-2549	4	BOLT (M12X1.75X100-MM)						
M	73	2	7X-2552	4	BOLT (M16X2X30-MM)						
	74	3,4	7X-3392	34	WASHER-HARD (13.5X22.5X3-MM THK)						
	75	1,3	8M-2773	2	CLIP						
	76	2	8M-4443	1	SEAL-O-RING						
	77	4	8M-4986	1	SEAL-O-RING						
	78	4	8M-5127	1	SEAL-O-RING						
	79	2	8M-8157	1	SEAL-O-RING						
	80	1	8S-0948	1	CLIP						
	81	1,3	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	82	1	8T-4136	2	BOLT (M10X1.5X25-MM)						
M	83	3	8T-4137	1	BOLT (M10X1.5X20-MM)						
M	84	4	8T-4176	2	BOLT (M12X1.75X90-MM)						
M	85	2	8T-4178	3	BOLT (M10X1.5X90-MM)						
CM	86	2,3,4	8T-4183	55	BOLT (M12X1.75X40-MM)						
M	87	1	8T-4186	1	BOLT (M10X1.5X40-MM)						
M	88	1,3,4	8T-4192	5	BOLT (M12X1.75X25-MM)						
M	89	3	8T-4194	4	BOLT (M12X1.75X50-MM)						
	90	1,2,3,4	8T-4223	71	WASHER-HARD (13.5X25.5X3-MM THK)						
M	91	3,4	8T-4244	6	NUT (M12X1.75-THD)						
M	92	3	8T-4648	4	BOLT (M12X1.75X70-MM)						
M	93	4	8T-4910	5	BOLT (M12X1.75X60-MM)						
CM	94	2,3,4	8T-4956	15	BOLT (M12X1.75X35-MM)						
M	95	3,4	8T-6868	6	BOLT (M12X1.75X80-MM)						
	96	2	9X-8257	4	WASHER (17.5X30X3.5-MM THK)						
C	97	1	148-8392	1	ELBOW AS						
		1	6V-9746	1	SEAL-O-RING						
		1	6V-9853	1	ELBOW						
C	98	1	148-8374	1	ELBOW AS						
		1	3K-0360	1	SEAL-O-RING						

POWER TRAIN

225-6709 LINES GP-POWER TRAIN OIL (contd.)

i03125580

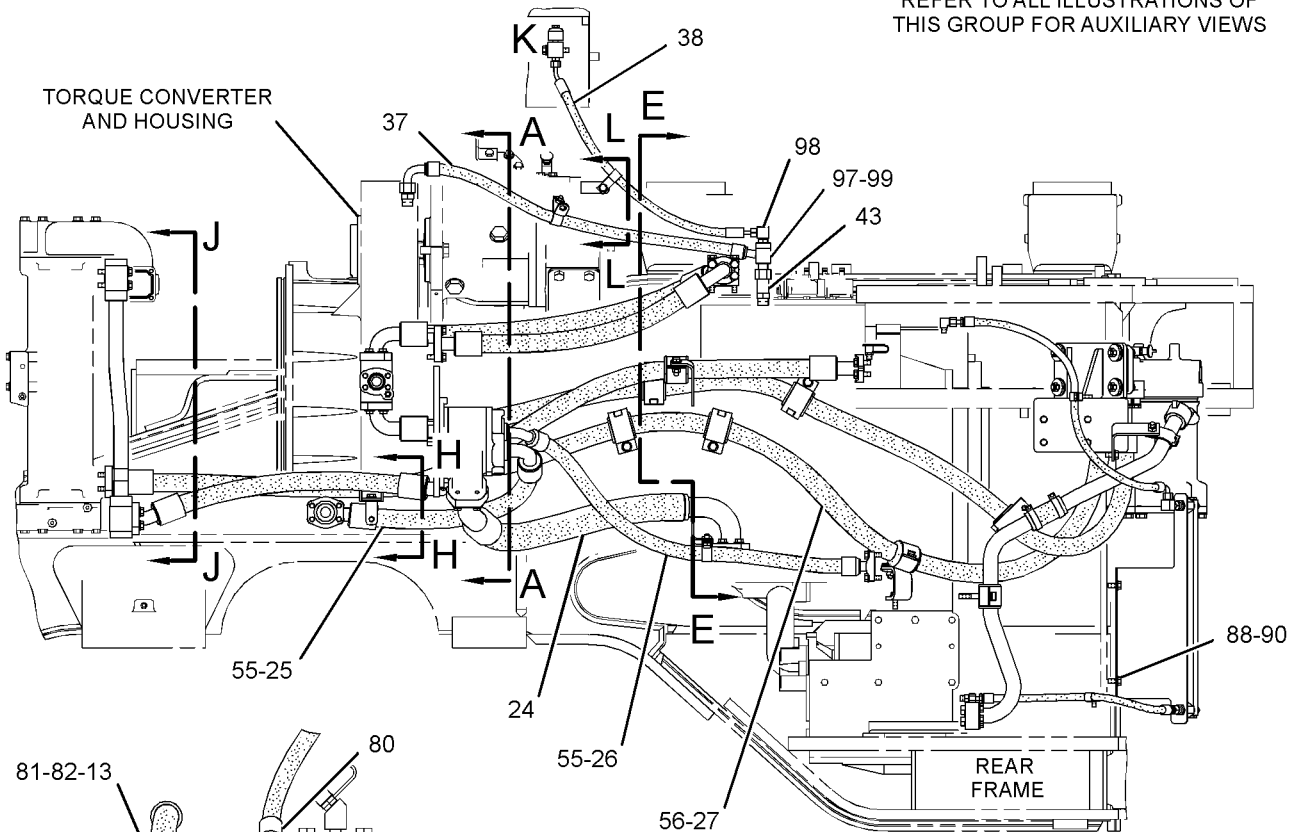
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8723	1	ELBOW						
C	99	1	107-8265	1	TEE AS-SWIVEL						
		1	6V-9746	1	SEAL-O-RING						
		1	9X-2289	1	TEE-SWIVEL						
C-CHANGE FROM PREVIOUS TYPE											
E-ORDER BY THE CENTIMETER											
I-REFER TO HYDRAULIC INFORMATION SYSTEM											
M-METRIC PART											
Y-SEPARATE ILLUSTRATION											

POWER TRAIN

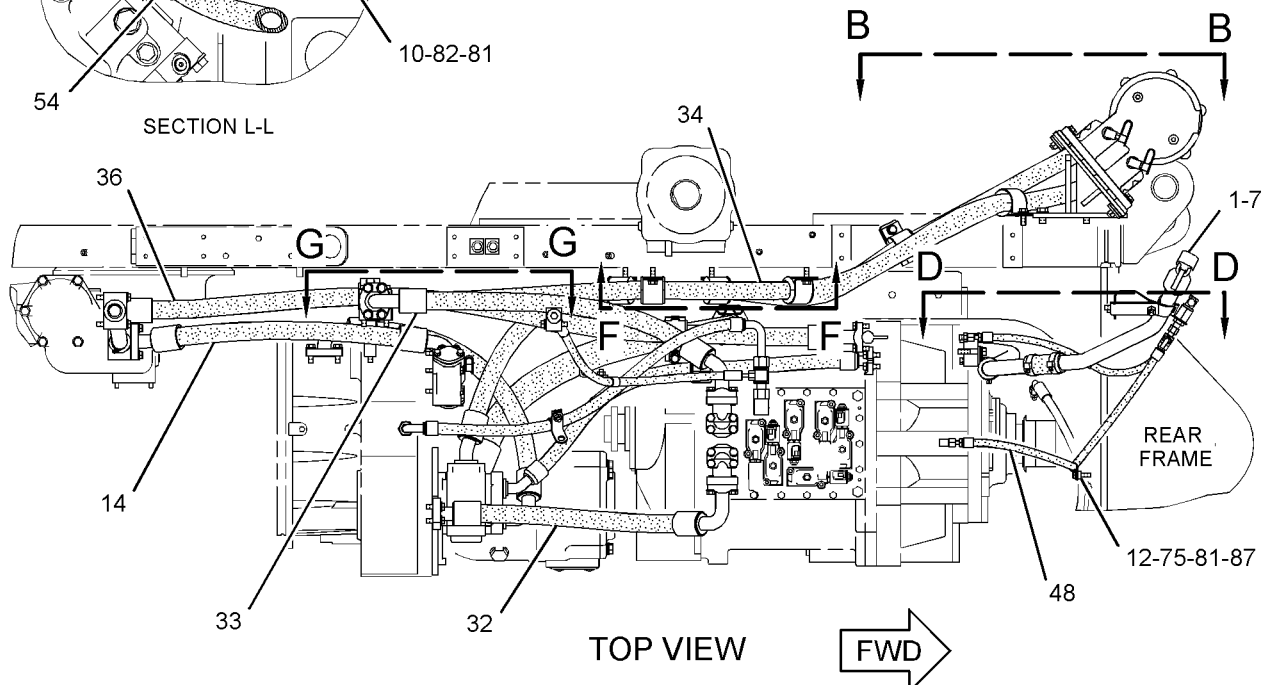
225-6709 LINES GP-POWER TRAIN OIL (contd.)

i03125580

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



RIGHT SIDE VIEW



TOP VIEW

GRAPHIC #1

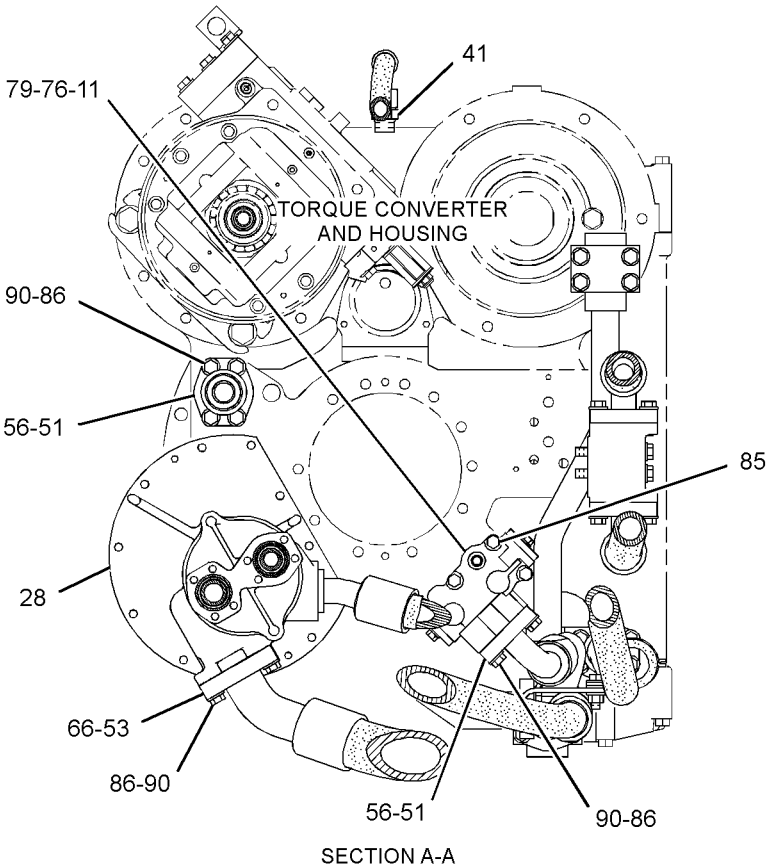
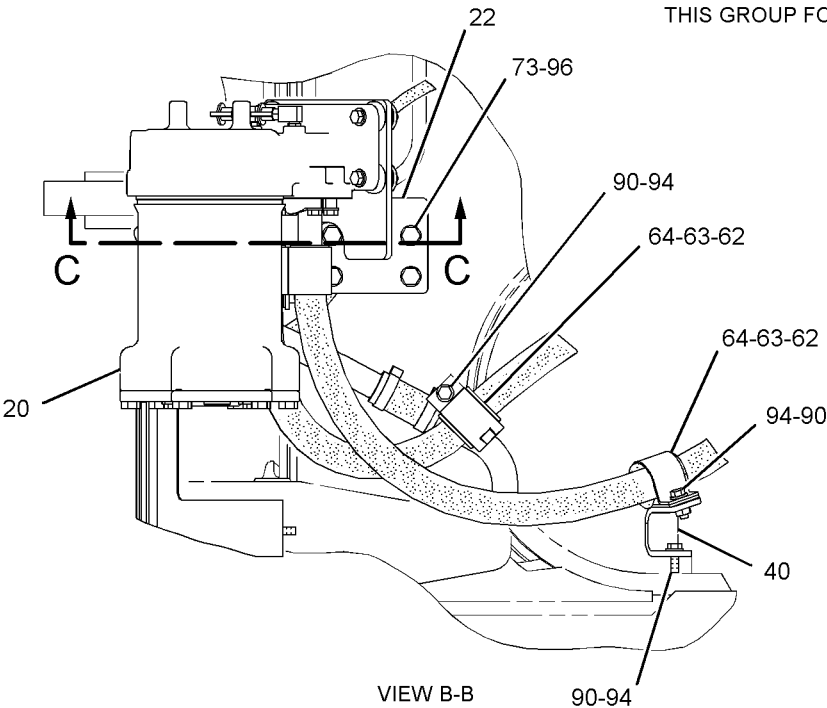
g01844358

POWER TRAIN

225-6709 LINES GP-POWER TRAIN OIL (contd.)

i03125580

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



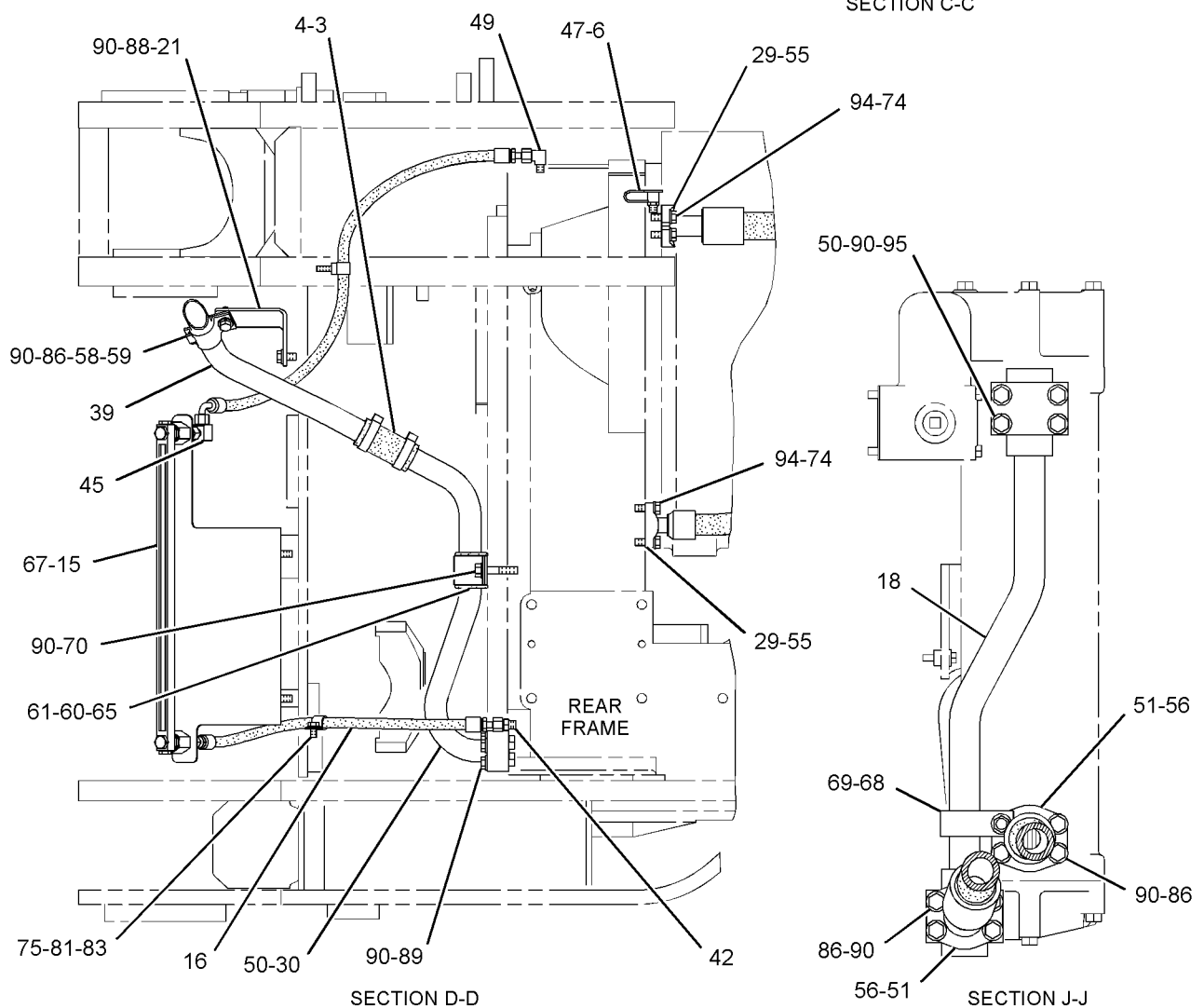
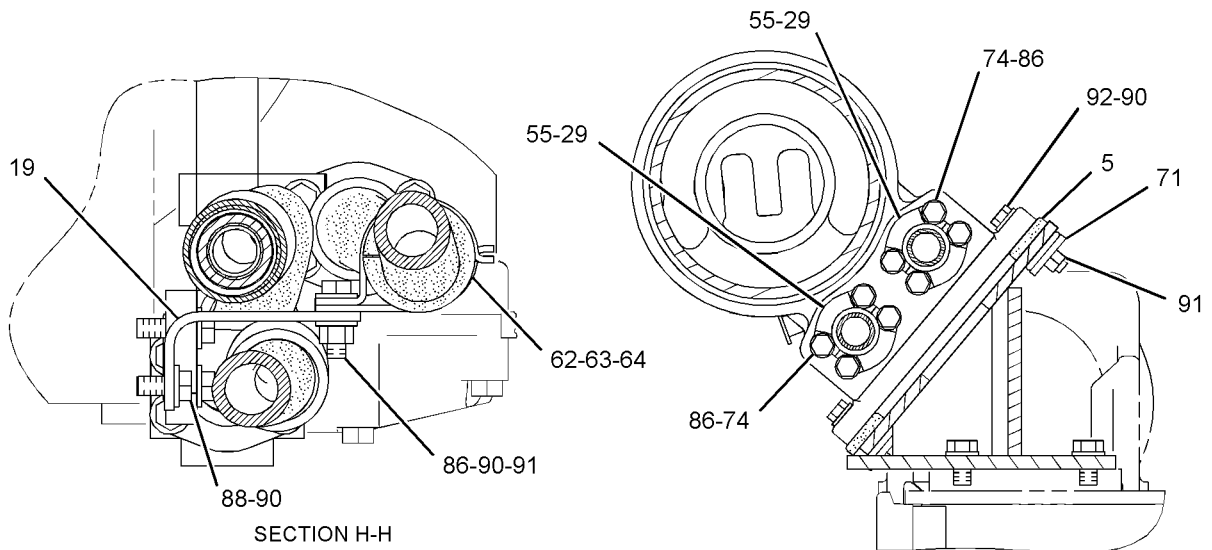
GRAPHIC #2

g01844359

POWER TRAIN

225-6709 LINES GP-POWER TRAIN OIL (contd.)

i03125580



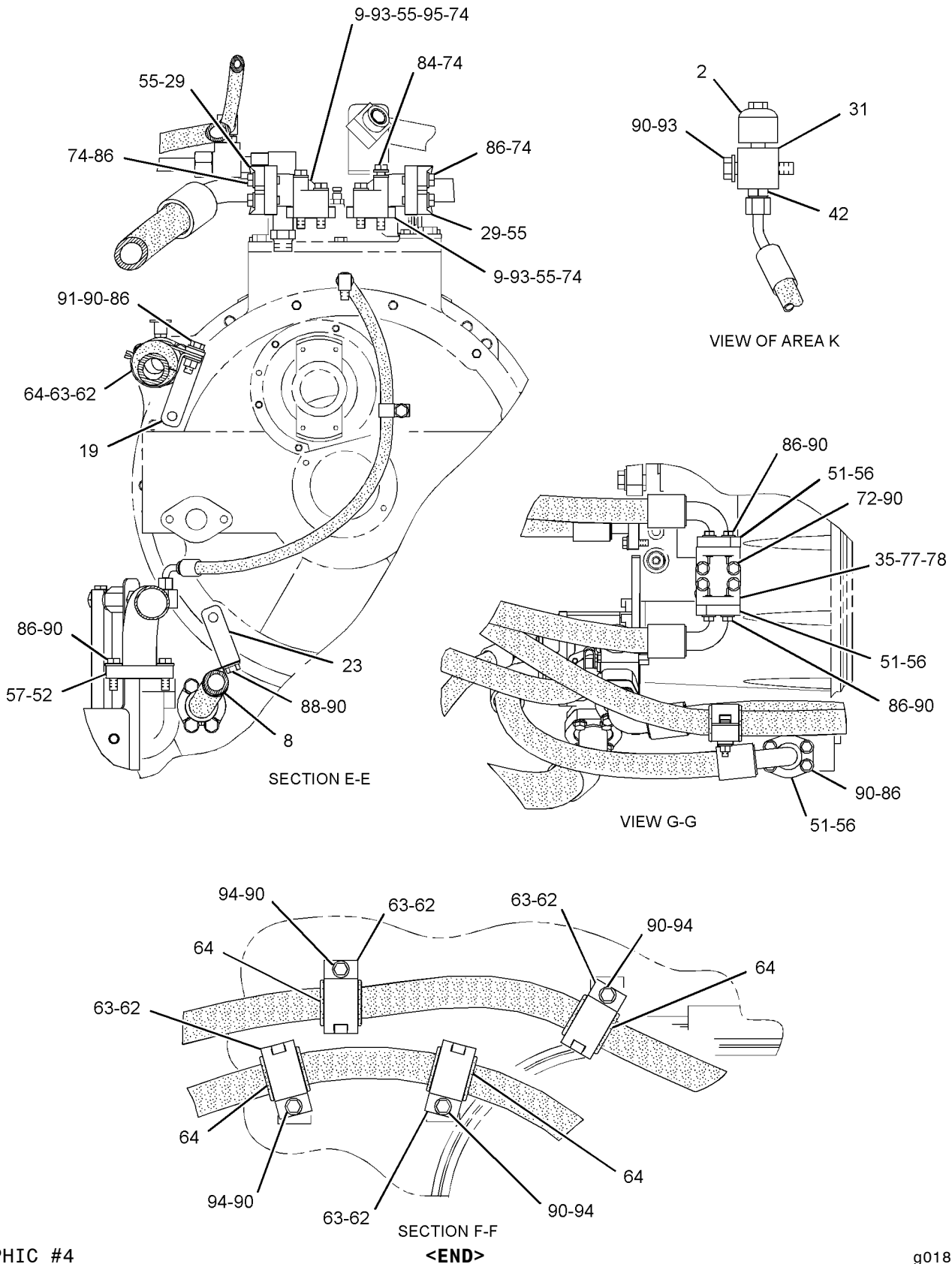
GRAPHIC #3

g01844360

POWER TRAIN

225-6709 LINES GP-POWER TRAIN OIL (contd.)

i03125580



g01844362

POWER TRAIN

345-3936 LINES GP-POWER TRAIN OIL

S/N: BXY4000-UP

PART OF 345-3930 HYDRAULIC AR

SMCS-3016

i03750958

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	1N-4296	1	PROTECTION GP-VANDALISM						2092
	2	1	4H-6112	1	BREATHER (POWER TRAIN OIL)						
	4	1	5P-0597	2	CLAMP-HOSE						
	5	1,2	6V-0852	2	CAP-DUST						
	6	1	7S-1801	1	ANCHOR-CHAIN						
	7	2	8C-3446	1	VALVE-FLUID SAMPLING						
	8	2	8C-3447	1	CAP-DUST						
	9	1,2	8X-4886	4	ELBOW						
	10	2	9D-7924	4	MOUNTING						
	11	1	101-9083	1	BRACKET AS						
	Y	12	2	104-5013	1	VALVE GP-RELIEF (TORQUE CONVERTER OUTLET)					
13		1	107-8265	1	TEE AS-SWIVEL						
		1	6V-9746	1	SEAL-O-RING						
		1	9X-2289	1	TEE-SWIVEL						
14		1	118-9901	1	SPACER (12X20X10-MM THK)						
I	15	2	135-7052	1	HOSE AS						726
	16	1	136-9699	1	BRACKET AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
Y	17	1	139-9189	1	GAUGE GP-SIGHT (POWER TRAIN OIL)						
I	18	1	140-5856	1	HOSE AS						
	19	2	157-6138	1	TUBE AS						
	20	2	165-0373	2	BRACKET						
	21	2	169-5862	1	ELBOW AS						
		2	3J-1907	1	SEAL-O-RING						
		2	8C-6712	1	ELBOW						
	22	1	176-5504	1	BRACKET AS						
I	23	1	194-2905	1	HOSE AS						
I	24	1	194-2906	1	HOSE AS						
I	25	1	194-2909	1	HOSE AS						
I	26	1	194-2910	1	HOSE AS						
Y	27	1	195-5979	1	PUMP GP-TRANSMISSION						826
	28	1,2	197-3295	12	FLANGE-HALF						
	29	1	205-9184	1	TUBE AS						
	30	1	210-5692	1	BLOCK						
I	31	1	225-6712	1	HOSE AS						
I	32	2	225-6713	1	HOSE AS						
I	33	2	225-6714	1	HOSE AS						
	34	2	229-8122	1	TEE						
	35	2	243-1277	8	WASHER-HARD						
	36	1	260-9143	1	ELBOW AS						
		1	6V-9746	1	SEAL-O-RING						
		1	109-5825	1	ELBOW						
I	37	2	273-3224	1	HOSE AS						
I	38	1	314-5581	1	HOSE AS						
	39	1	314-5582	1	TUBE						
	40	2	316-4382	1	BRACKET AS						
M		2	8T-3597	1	NUT-WELD (M12X1.75-THD)						
	41	2	345-3964	1	BRACKET AS						
Y	42	2	346-5571	1	FILTER GP-OIL (TRANSMISSION)						723
I	43	1	347-4755	1	HOSE AS						
	44	1	351-5778	1	HOSE AS						
	45	1	148-8327	1	CONNECTOR AS						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-8637	1	CONNECTOR						
		1	6V-9746	1	SEAL-O-RING						

POWER TRAIN

345-3936 LINES GP-POWER TRAIN OIL (contd.)

i03750958

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	46	1	148-8336	2	CONNECTOR AS						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8636	1	CONNECTOR						
	47	1	148-8344	1	CONNECTOR AS						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-9162	1	CONNECTOR						
		1	6V-9746	1	SEAL-O-RING						
	48	1	148-8363	1	ELBOW AS						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-9876	1	ELBOW						
	49	1	148-8392	1	ELBOW AS						
		1	6V-9746	1	SEAL-O-RING						
		1	6V-9853	1	ELBOW						
	50	2	150-3065	1	ADAPTER AS						
		2	3J-1907	1	SEAL-O-RING						
		2	6V-0484	1	ADAPTER-O-RING						
	51	1,2	164-5567	2	COUPLER AS-QUICK DISCONNECT						
					(EACH INCLUDES)						
		1,2	6V-3965	1	FITTING (QUICK DISCONNECT)						
		1,2	214-7568	1	SEAL-O-RING						
	52	1	199-6290	1	ELBOW AS						
		1	2T-2305	1	ELBOW						
		1	6V-8397	1	SEAL-O-RING						
	53	1,2	1P-3705	2	SEAL-RECTANGULAR						
	54	1,2	1P-4579	14	FLANGE-HALF						
	55	1	1P-4582	2	FLANGE-HALF						
	56	1	1P-4584	2	FLANGE-HALF						
	57	2	3J-7354	1	SEAL-O-RING						
	58	2	3K-0360	1	SEAL-O-RING						
	59	1	4D-7388	1	CLIP						
	60	1,2	4J-0522	12	SEAL-O-RING						
	61	1,2	4J-0524	7	SEAL-O-RING						
	62	1	4J-0527	1	SEAL-O-RING						
	63	2	5P-6944	1	ADAPTER						
	64	1	5P-7464	1	CLIP (SLOT)						
	65	1	5P-7465	1	CLIP (TAB)						
	66	1	5P-7468	1	CLIP (SLOT)						
	67	1	5P-7469	1	CLIP (TAB)						
	68	1,2	5P-7470	8	CLIP (SLOT)						
	69	1,2	5P-7471	8	CLIP (TAB)						
	70	1,2	5P-8182	8	GROMMET						
	71	1	5P-8444	1	GROMMET						
	72	1	6J-2680	1	SEAL-O-RING						
	73	1	6V-1889	1	CLIP						
	74	1	6V-8397	2	SEAL-O-RING						
	75	2	7K-1401	1	CLIP						
	76	2	7K-1402	1	BRACKET						
	77	1	7X-0325	1	BOLT (1/2-13X2.5-IN)						
M	78	2	7X-2549	4	BOLT (M12X1.75X100-MM)						
M	79	2	7X-2552	4	BOLT (M16X2X30-MM)						
	80	1,2	7X-3392	34	WASHER-HARD (13.5X22.5X3-MM THK)						
	81	1	8M-2773	2	CLIP						
	82	2	8M-4443	1	SEAL-O-RING						
	83	2	8M-4986	1	SEAL-O-RING						
	84	2	8M-5127	1	SEAL-O-RING						
	85	2	8M-8157	1	SEAL-O-RING						

POWER TRAIN

345-3936 LINES GP-POWER TRAIN OIL (contd.)

i03750958

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	86	1	8S-0948	1	CLIP						
	87	1, 2	8T-4121	16	WASHER-HARD (11X21X2.5-MM THK)						
M	88	1	8T-4136	2	BOLT (M10X1.5X25-MM)						
M	89	1	8T-4137	1	BOLT (M10X1.5X20-MM)						
M	90	2	8T-4172	4	BOLT (M10X1.5X80-MM)						
M	91	1	8T-4176	2	BOLT (M12X1.75X90-MM)						
M	92	2	8T-4178	3	BOLT (M10X1.5X90-MM)						
M	93	1, 2	8T-4183	55	BOLT (M12X1.75X40-MM)						
M	94	1	8T-4186	1	BOLT (M10X1.5X40-MM)						
M	95	1, 2	8T-4192	4	BOLT (M12X1.75X25-MM)						
M	96	1	8T-4194	4	BOLT (M12X1.75X50-MM)						
	97	1, 2	8T-4223	66	WASHER-HARD (13.5X25.5X3-MM THK)						
M	98	2	8T-4244	2	NUT (M12X1.75-THD)						
M	99	1	8T-4910	5	BOLT (M12X1.75X60-MM)						
M	100	1, 2	8T-4956	15	BOLT (M12X1.75X35-MM)						
M	101	2	8T-6466	8	BOLT (M10X1.5X60-MM)						
M	102	1, 2	8T-6868	6	BOLT (M12X1.75X80-MM)						
	103	1	8T-7529	1	CLIP						
	104	2	9X-8257	4	WASHER (17.5X30X3.5-MM THK)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM

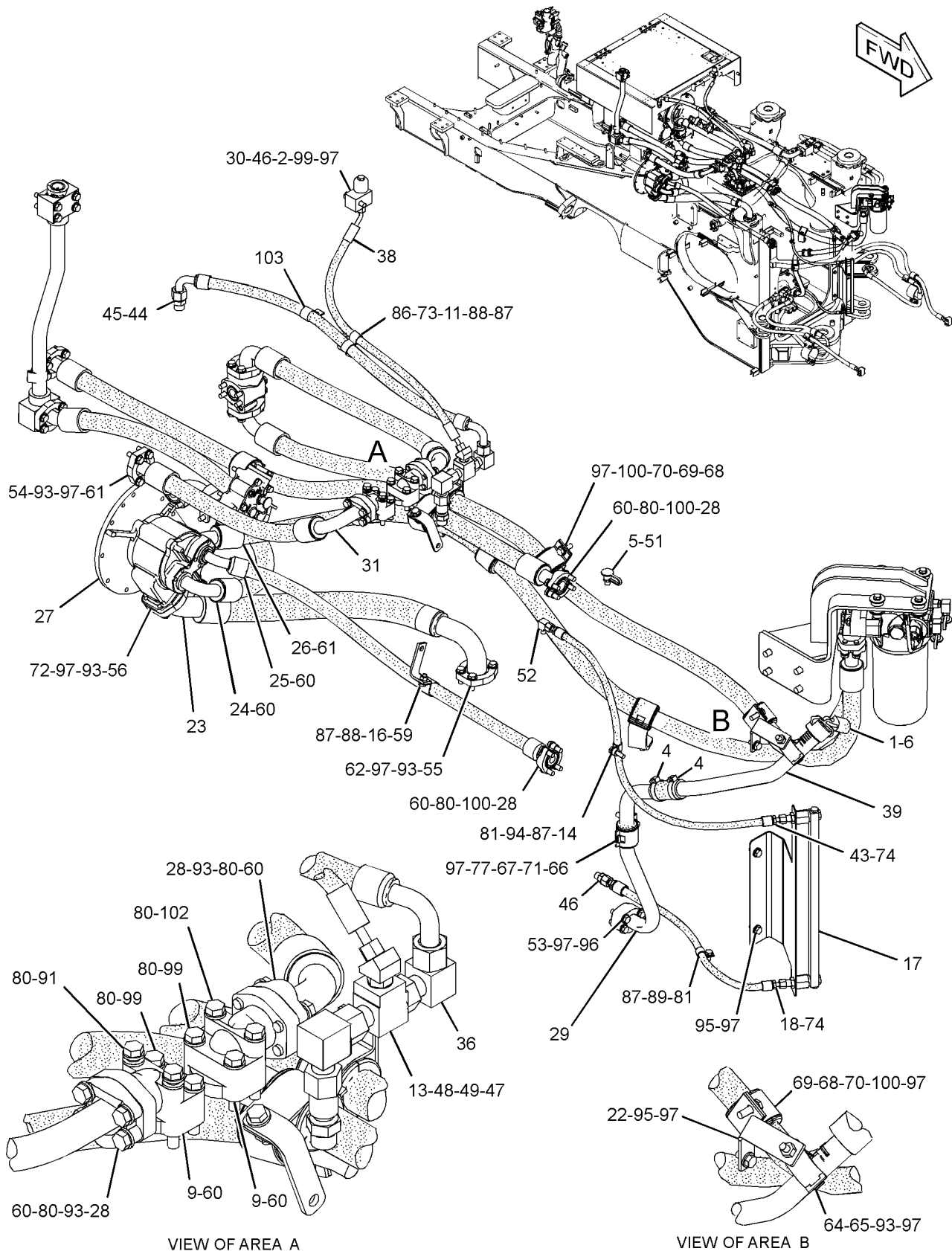
M-METRIC PART

Y-SEPARATE ILLUSTRATION

POWER TRAIN

345-3936 LINES GP-POWER TRAIN OIL (contd.)

i03750958



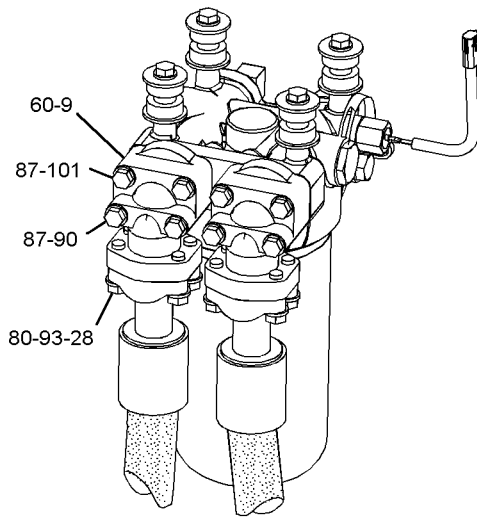
GRAPHIC #1

g02037949

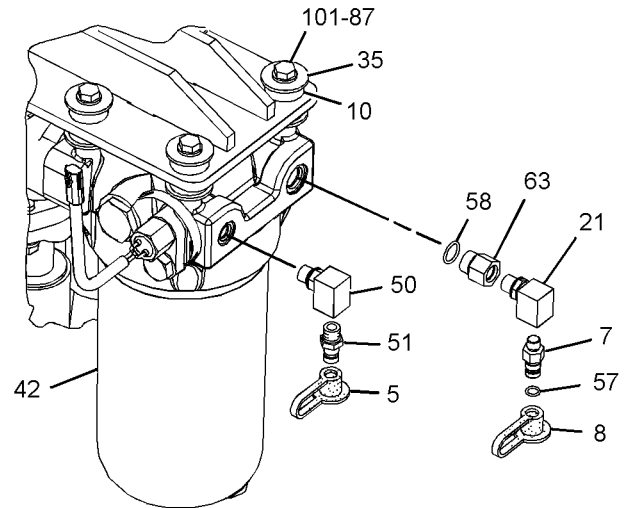
POWER TRAIN

345-3936 LINES GP-POWER TRAIN OIL (contd.)

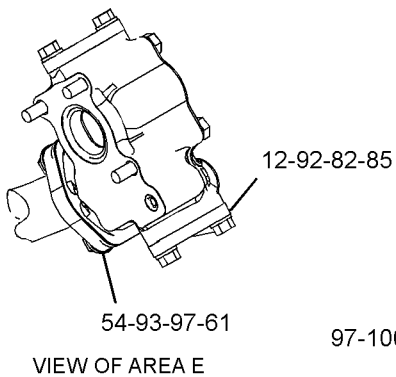
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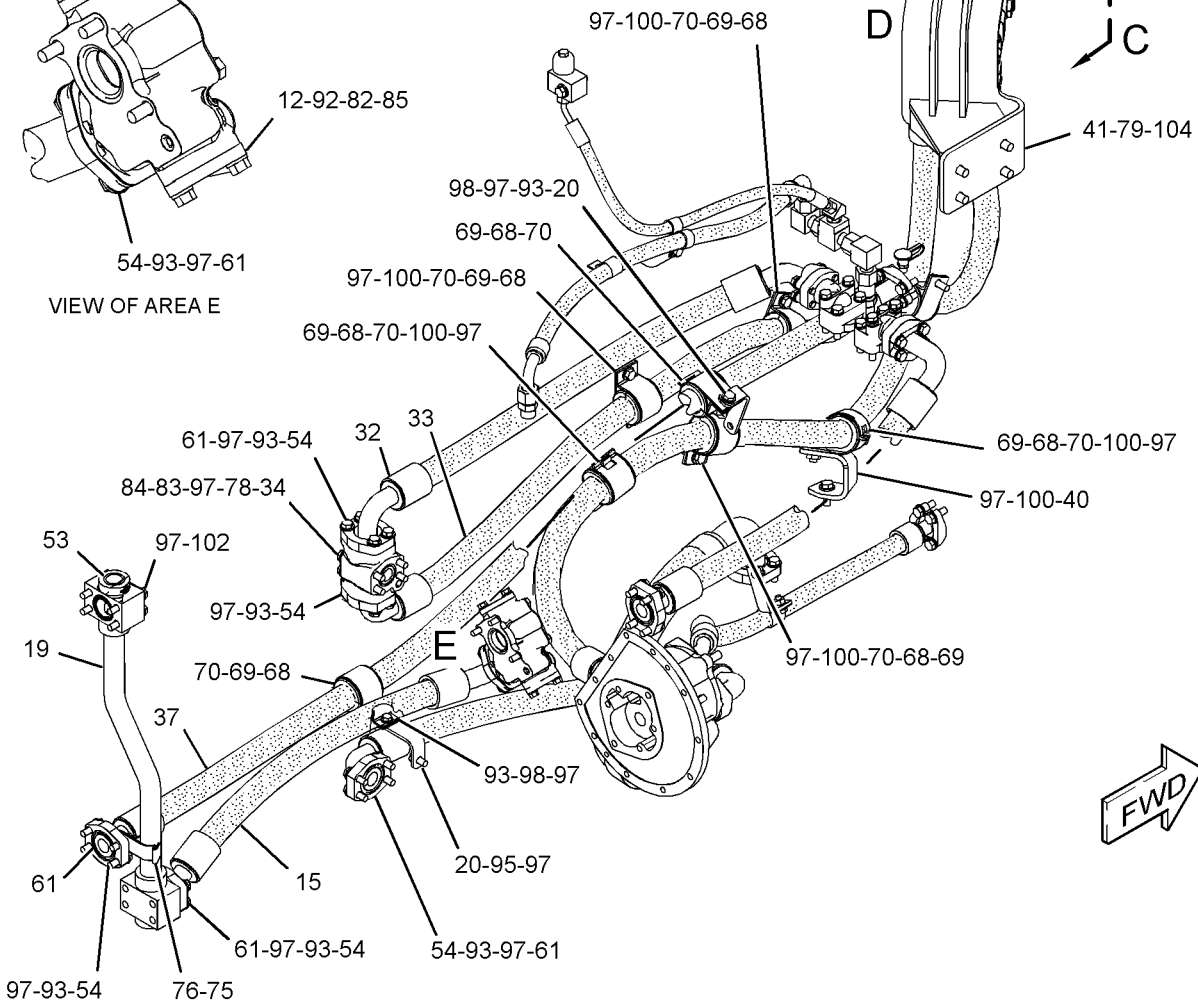
VIEW OF AREA D
(BRACKET REMOVED FOR CLARITY)



VIEW C-C
(EXPLODED)



VIEW OF AREA E



GRAPHIC #2

<END>

g02037950

POWER TRAIN

261-3857 MOUNTING GP-RIM

S/N: BXY1-UP

PART OF 141-9811, 261-3862 RIM AR
AN ATTACHMENT

SMCS-4202, 4209

i02226477

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
M	8T-0669	128	BOLT (M24X3X130-MM)						
	6V-8237	128	WASHER (26X44X4-MM THK)						
M-METRIC PART									

114-5147 MOUNTING GP-TORQUE CONVERTER

S/N: BXY1-UP

PART OF 225-5455 POWER TRAIN AR

SMCS-3101

i00946213

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
M	8T-0375	11	BOLT (M16X2X45-MM)						
	9X-8257	11	WASHER (17.5X30X3.5-MM THK)						
M-METRIC PART									
<END>									

POWER TRAIN

230-6316 PLANETARY GP-TRANSMISSION

S/N: SMA114-UP; DRT1-UP
PART OF 230-6315, 261-1463 TRANSMISSION AR
ALSO AN ATTACHMENT

SMCS-3160

i03475705

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	5	9W-1572	1	SHAFT-TRANSMISSION INPUT	
	2	7	7G-2928	1	PLATE-RETAINER	
	3	7	0L-2315	1	BOLT (1/2-20X3.5-IN)	
	4	6	3P-4051	1	SPACER-SPECIAL	
	5	6	6Y-1616	1	CARRIER AS	
	5A	6	4S-8537	1	DOWEL	
	6	4,7	8T-1141	2	RING-RETAINING	
	7	2,4,7	6Y-3484	3	BALL BEARING	
	8	2,4,7	6V-0836	3	RING-RETAINING	
	9	6	6F-0156	1	RING-METAL SEAL	
	10	7	187-0844	1	HOUSING AS-CLUTCH (REVERSE)	
	10A	7	9S-1343	1	PLUG-CUP	
	11	5,6	3P-3321	2	SEAL-METAL RING	
	12	5,6	108-2736	2	RING-LOCK	
	13	6	7G-4818	1	RING-SEAL	
	14	6	164-3302	1	PISTON-CLUTCH	
	15	1,3,4, 5,6	3P-2793	5	SEAL-RING	
	16	6	6T-3720	1	GEAR-RING (80-TEETH)	
	17	5	9F-3788	1	RING-METAL SEAL	
	18	5	106-7798	2	BALL BEARING	
	19	5	8S-9104	2	RING-RETAINING	
	20	6	8P-4617	1	SEAL-METAL RING	
	21	6	164-4891	1	PLATE AS	
	21A	6	2D-6642	2	BALL	
	21B	6	7M-8479	2	DOWEL	
	22	5	7G-5746	1	HOUSING-CLUTCH (FORWARD LOW)	
	23	5	3P-3059	1	GEAR-SUN (42-TEETH)	
	24	5	164-3303	1	PISTON-CLUTCH	
	25	5	7G-4817	1	RING-SEAL	
	26	4	3P-3098	1	GEAR-RING (90-TEETH)	
	27	5	8F-8544	2	BOLT (3/8-16X6.25-IN)	
	28	5	5M-6187	1	RING-METAL SEAL	
	29	4	108-2735	1	RING-LOCK	
	30	4	9M-4355	20	DAMPER-BOLT	
	31	4	231-1270	1	HOUSING AS-CLUTCH (FORWARD HIGH)	
	31A	4	7M-8480	4	DOWEL	
	32	1,3,4	3P-2685	3	PISTON-CLUTCH	
	33	1,3,4	3P-2794	3	SEAL-RING	
	34	4	9M-1503	1	RING-METAL SEAL	
	35	2	7G-6772	1	CARRIER AS	
	35A	2	2D-6642	2	BALL	
	36	3	3P-2791	1	HOUSING-CLUTCH (SECOND & THIRD SPEED)	
	37	4	6P-5751	1	GEAR-RING (90-TEETH)	
	38	3	9W-2977	1	HUB AS	
	38A	3	4S-8537	1	DOWEL	
	39	3	133-2904	1	RING-RETAINING (89.5-MM ID)	
	40	3	3P-3304	1	PLATE-RETAINER	
	41	3	9M-2095	1	RING-RETAINING	
	42	3	3P-3635	3	SPRING-DISC	
	43	2	160-0595	1	MANIFOLD AS	
	43A	2	3D-2824	2	SEAL-O-RING	
	43B	2	3F-3442	1	DOWEL	
	43C	2	6T-6052	1	PLUG-ORIFICE	
	43D	2	7M-8480	4	DOWEL	

POWER TRAIN

230-6316 PLANETARY GP-TRANSMISSION (contd.)

i03475705

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	43E	2	9S-8008	2	PLUG-O-RING	
	44	2	0T-0065	20	BOLT (3/8-16X3.5-IN)	
	45	2	5M-2894	20	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	46	2	6Y-5793	2	RING-SEAL	
	47	2	0S-1617	10	BOLT (5/16-18X0.75-IN)	
	48	2	136-4839	5	LOCK	
	49	2	136-4840	1	SLINGER	
	50	2	136-4841	1	GASKET	
	51	1	6J-6721	18	BOLT (1/2-13X19.25-IN)	
	52	1, 3	5P-8245	20	WASHER-HARD (13.5X25.5X3-MM THK)	
	53	1	3P-2761	1	HOUSING-CLUTCH (FIRST SPEED)	
	54	1	7G-0283	1	GEAR-RING (80-TEETH)	
	55	1	136-4838	1	CARRIER-PLANETARY	
	56	1	3P-3060	1	GEAR-SUN (50-TEETH)	
	57	1	1N-5410	1	RING-RETAINING	
	58	2	3P-3735	1	HOUSING AS-CARRIER	
	58A	2	4S-8537	1	DOWEL	
	58B	2	6B-6863	1	PIN-SPRING	
	58C	2	6P-7705	1	CARRIER-RING	
	59	3	5J-5794	2	BOLT (1/2-13X3.5-IN)	
	60	3	8S-6212	2	BOLT (1/2-13X13-IN)	
	61	4	164-5079	1	SHAFT AS-OUTPUT	
	61A	4	3P-3103	1	CARRIER-RING	
	61B	4	5P-0403	1	BEARING-ROLLER	
	62	1	3P-4050	1	SPACER (2.9X3.3X0.125-IN THK)	
	63	1	3P-3743	1	RING-RETAINING	
	64	1	1P-0014	1	RING-LOCK	
	65	1	3P-3242	5	SHAFT-PLANETARY	
	66	1	5M-2054	10	BEARING	
	67	1, 2	8E-8304	18	DISC-THRUST	
	68	1	7G-2486	5	GEAR-PLANETARY (20-TEETH)	
	69	1, 2, 6	3S-2708	12	PIN-SPRING	
	70	1	1S-9989	6	DOWEL-REACTION	
	71	1, 3, 4	9H-5537	36	SPRING	
	72	2	1P-9261	1	SEAL-RING	
	73	2	3P-2768	1	PISTON-CLUTCH	
	74	2	3P-2792	1	SEAL-RING	
	75	2	7F-2122	2	SEAL-O-RING	
	76	2	2D-8363	1	SEAL-O-RING	
R	77	3	3P-7489	4	PLATE-CLUTCH	
	78	2, 3	234-6707	5	DISC-FRICTION	
	79	2	6P-7379	1	HOUSING AS	
	79A	2	8B-1312	3	DOWEL	
	80	3	9W-8298	6	DOWEL	
	81	1, 2, 3, 4	233-9748	8	DISC-FRICTION	
R	82	2, 3, 4, 6	3P-7447	11	PLATE-CLUTCH	
	83	2	7G-2476	4	GEAR-PLANETARY (20-TEETH)	
	84	2	5M-6126	4	BEARING AS-ROLLER	
	85	2	6P-6739	4	SHAFT-PLANETARY	
	86	4	9P-5531	1	GEAR-SUN (50-TEETH)	
	87	4	6S-1753	1	RING-RETAINING	
	88	4	9W-1579	1	SPACER (65.3X75.9X3.2-MM THK)	
	89	5	112-7309	4	SHAFT-PLANETARY	
	90	5	112-4511	4	PIN-SPRING	
	91	5	282-5042	16	DISC-THRUST	
	92	5	5M-7925	8	BEARING AS-ROLLER	
	93	5	7G-3457	8	GEAR (25-TEETH)	
	94	5	3T-7138	1	GEAR-RING (80-TEETH)	

POWER TRAIN

230-6316 PLANETARY GP-TRANSMISSION (contd.)

i03475705

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	95	5	112-7308	1	CARRIER-PLANETARY	
	96	5, 6	9W-9856	8	DISC AS-FRICTION	
	97	5	7H-7658	12	SPRING	
	98	5	9W-8297	6	DOWEL	
	99	5	3P-3418	1	GEAR-RING (88-TEETH)	
	100	6	9W-3898	3	GEAR (28-TEETH)	
	101	6	1P-3958	3	ROLLER AS-SPECIAL	
	102	6	8E-8316	6	DISC-THRUST	
	103	6	3P-3246	3	SHAFT-PLANETARY	
	104	5	8M-4390	2	SEAL-O-RING	
	105	5	3P-2983	1	GEAR-SUN (32-TEETH)	
	106	2	9S-4191	1	PLUG-O-RING	
	107	2	3J-1907	1	SEAL-O-RING	

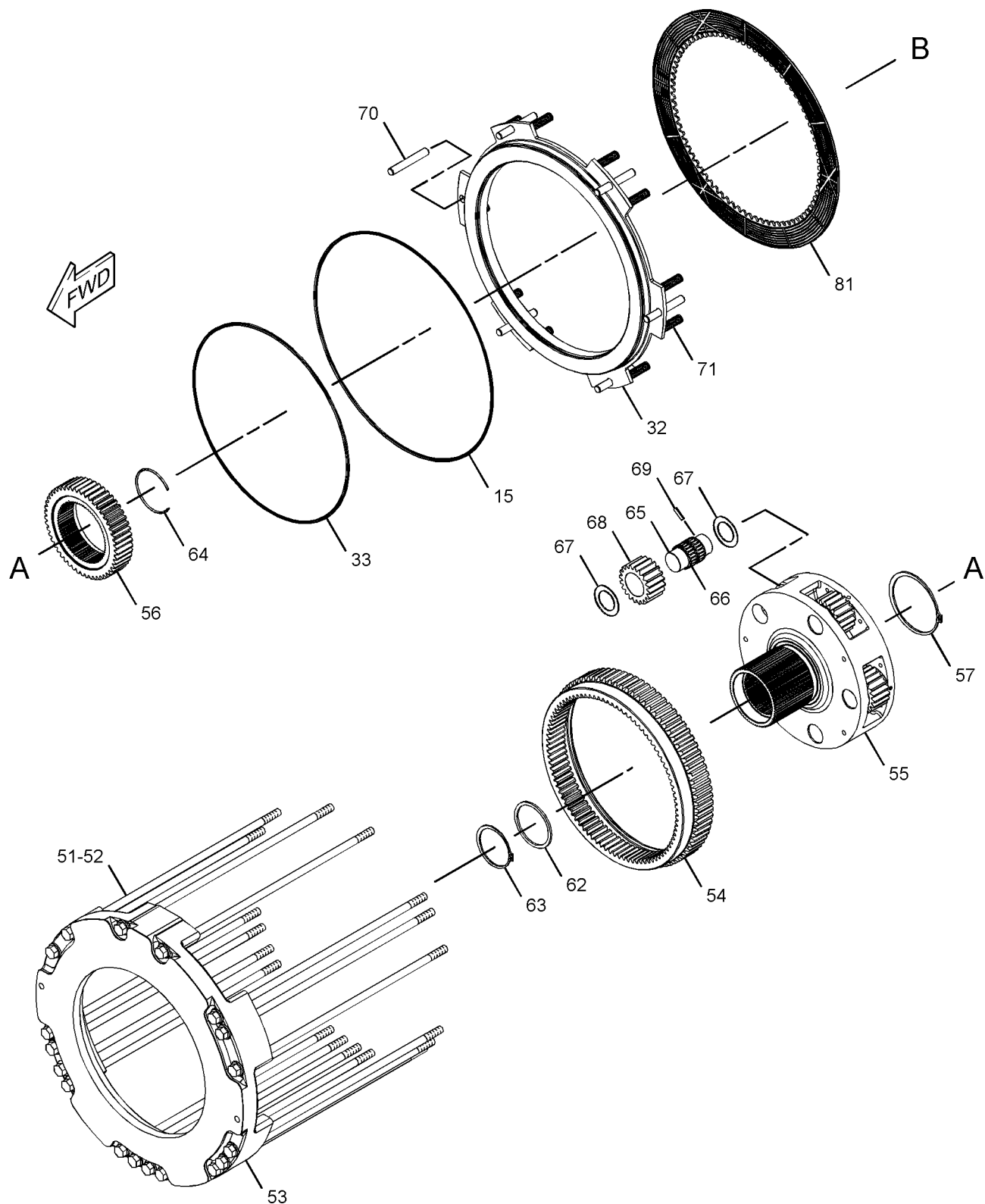
R-REMFG PART MAY BE AVAILABLE

POWER TRAIN

230-6316 PLANETARY GP-TRANSMISSION (contd.)

i03475705

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



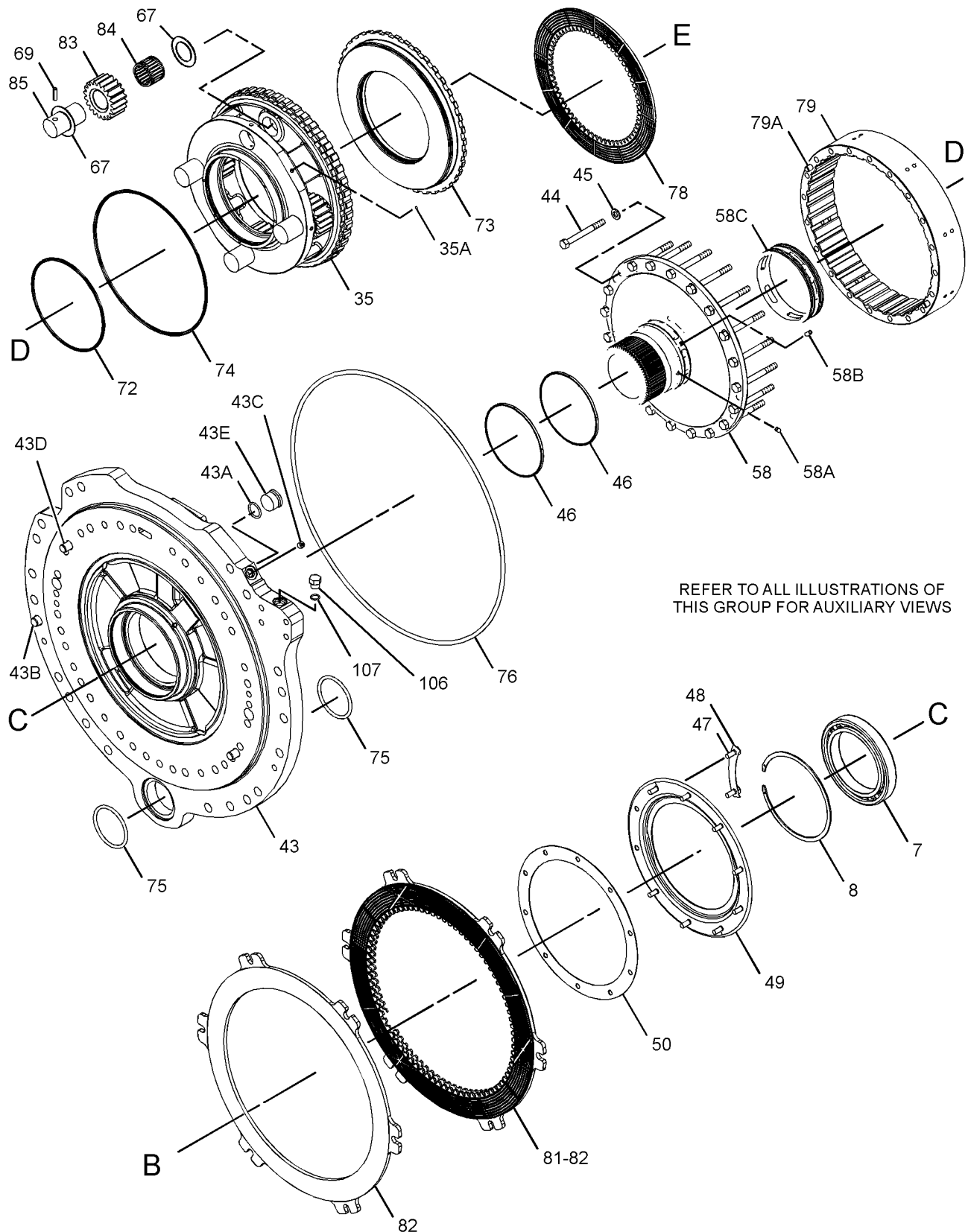
GRAPHIC #1

g01831375

POWER TRAIN

230-6316 PLANETARY GP-TRANSMISSION (contd.)

i03475705



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

GRAPHIC #2

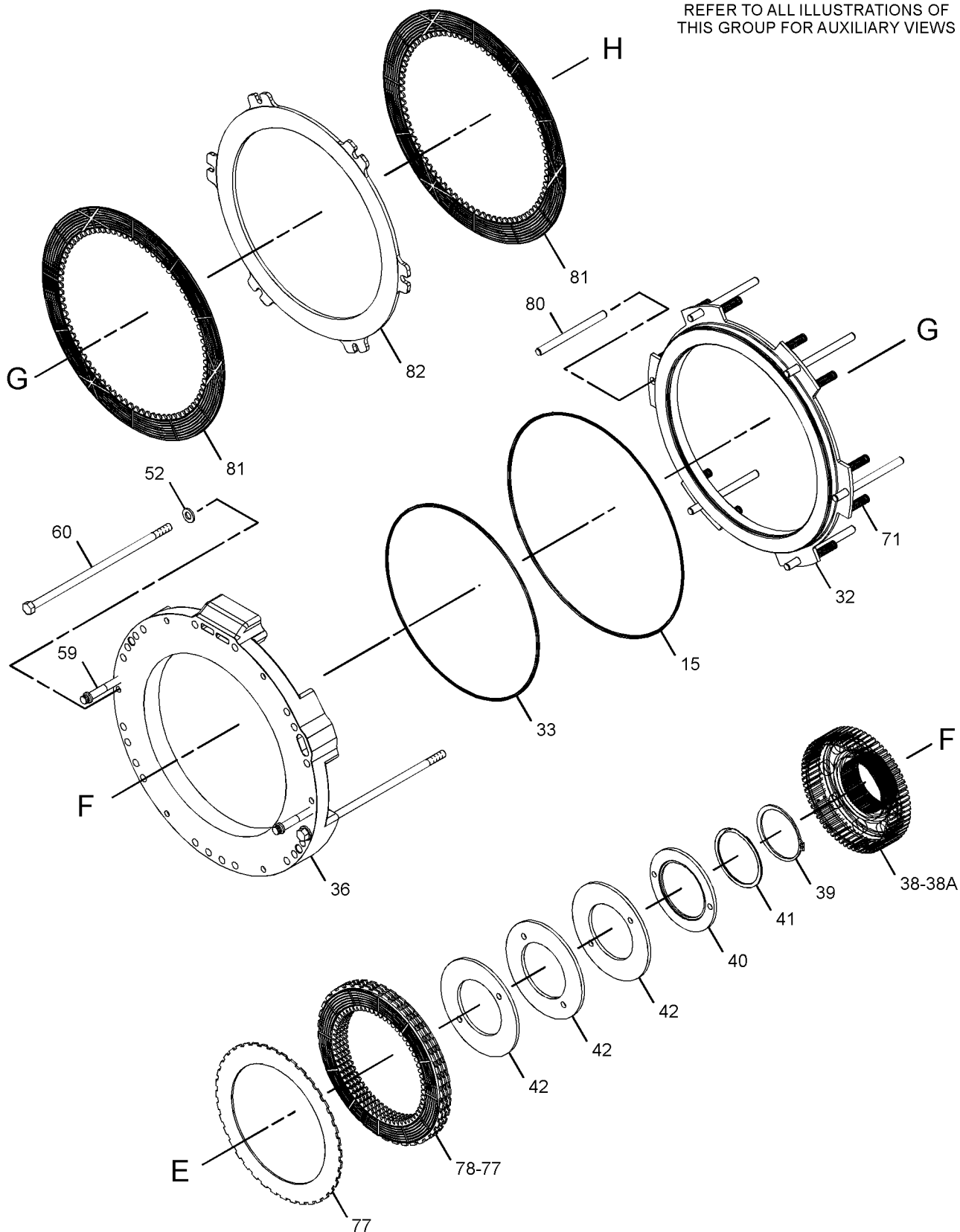
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POWER TRAIN

230-6316 PLANETARY GP-TRANSMISSION (contd.)

i03475705

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



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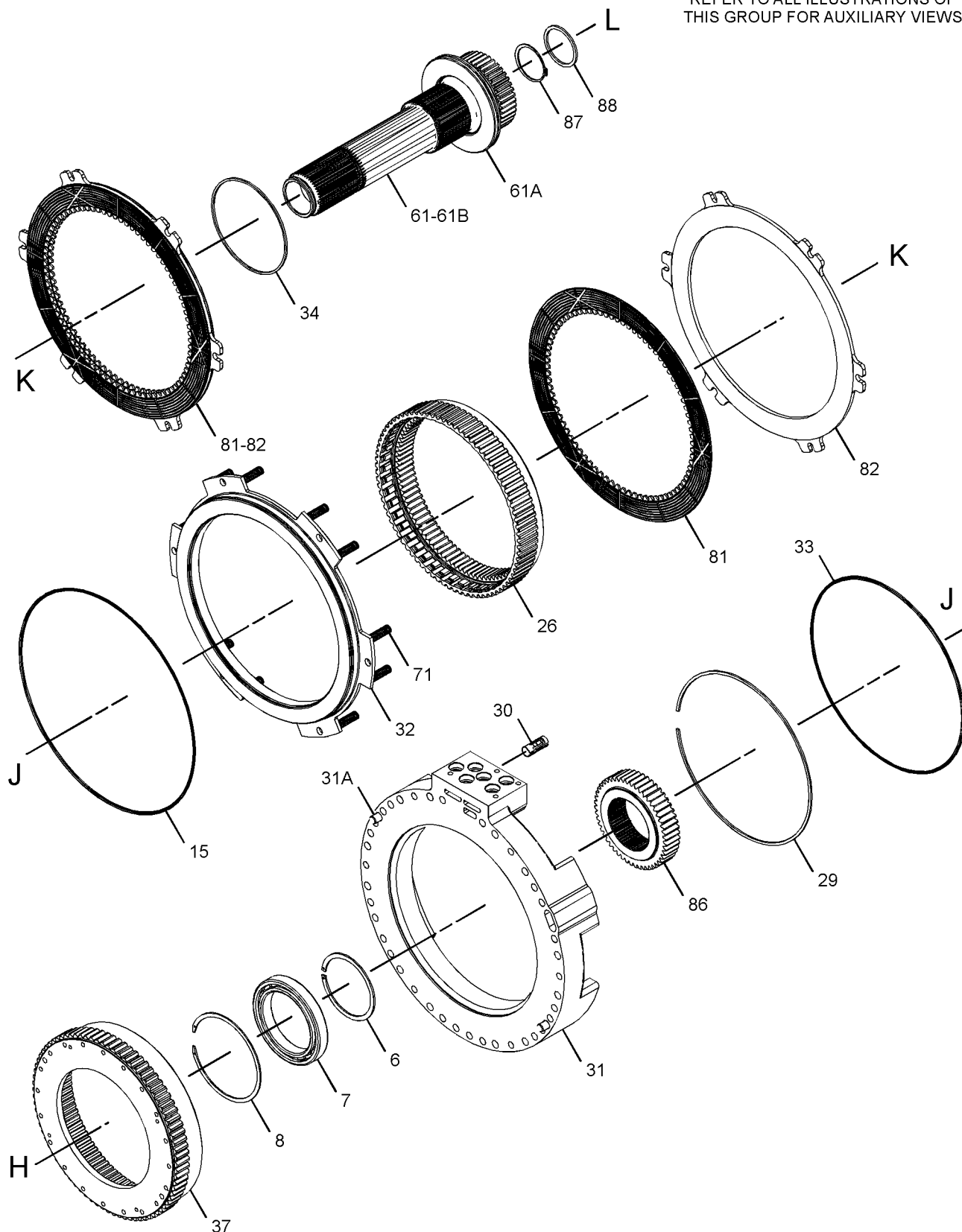
g01836893

POWER TRAIN

230-6316 PLANETARY GP-TRANSMISSION (contd.)

i03475705

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



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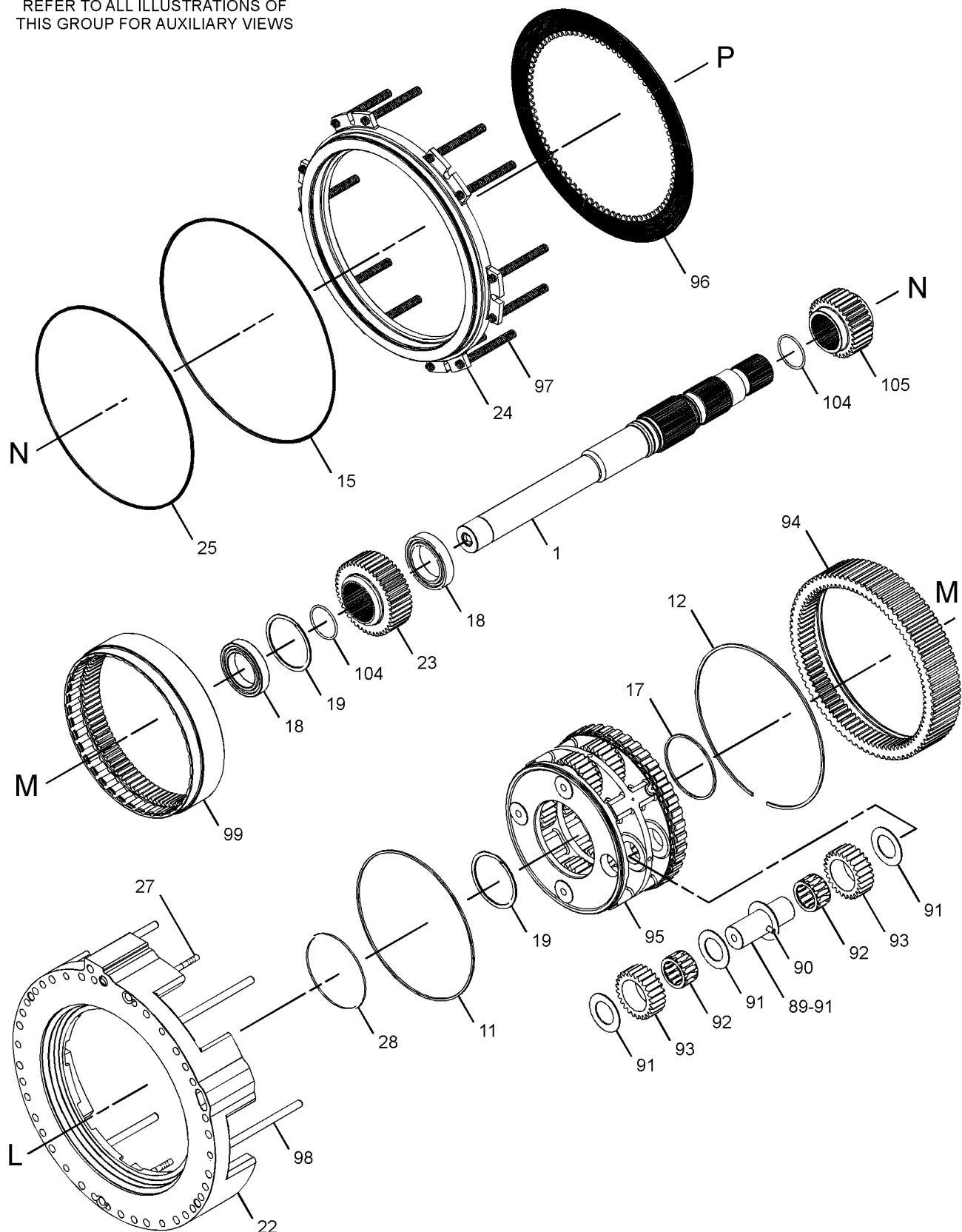
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POWER TRAIN

230-6316 PLANETARY GP-TRANSMISSION (contd.)

i03475705

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



GRAPHIC #5

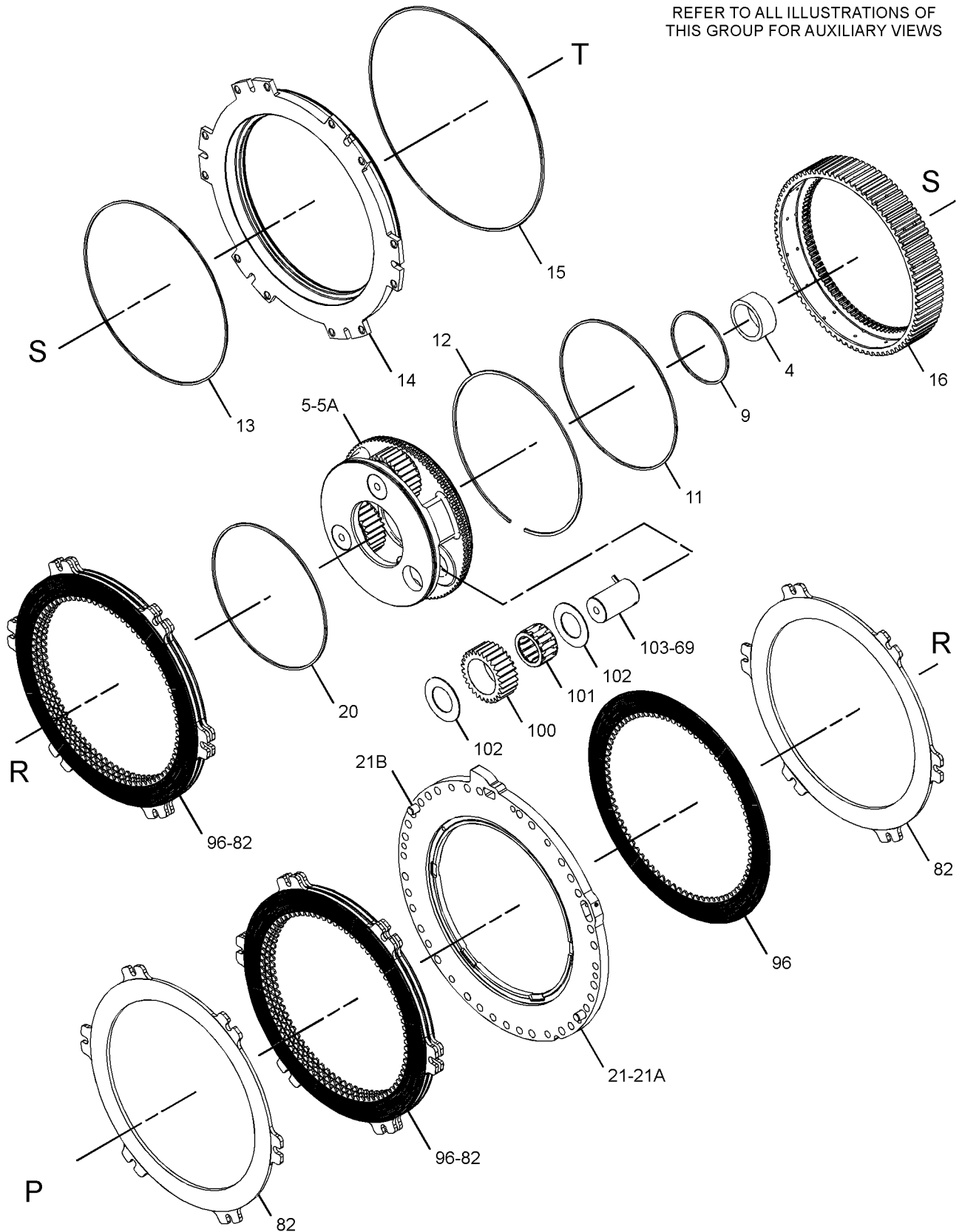
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POWER TRAIN

230-6316 PLANETARY GP-TRANSMISSION (contd.)

i03475705

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



GRAPHIC #6

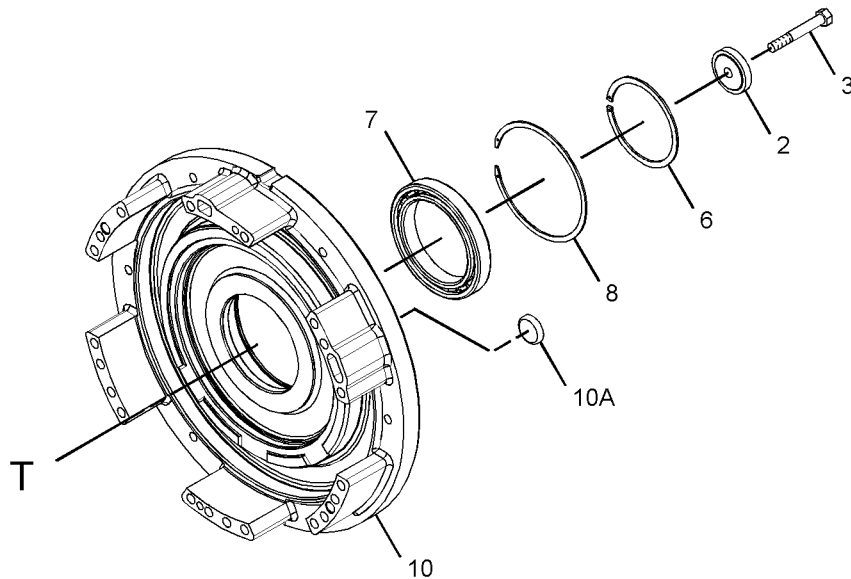
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POWER TRAIN

230-6316 PLANETARY GP-TRANSMISSION (contd.)

i03475705

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



GRAPHIC #7

<END>

g01836897

POWER TRAIN

225-5455 POWER TRAIN AR

S/N: BXY1-UP

PART OF 225-4278, 284-2327 COMMON AR

SMCS-3000, 4000

i01931733

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	137-8833	1	AXLE AR-FIXED (FRONT)						675
Y	137-8832	1	AXLE AR-OSCILLATING (REAR)						675
Y	174-1552	1	BRAKE GP-PARKING						1278
Y	137-8865	1	FASTENER GP-AXLE MOUNTING						717
Y	223-4254	1	LINES GP-AXLE VENT						774
Y	114-5147	1	MOUNTING GP-TORQUE CONVERTER						810
Y	136-1722	1	SHAFT GP-DRIVE						830
Y	136-1754	1	SHAFT GP-INPUT DRIVE						834
Y	230-6315	1	TRANSMISSION AR						872
Y-SEPARATE ILLUSTRATION									

<END>

POWER TRAIN

258-5060 PUMP GP-GEAR-PILOT, BRAKE, AXLE OIL CLR FAN

S/N: BXY1-UP

PART OF 246-4555 LINES GP-AXLE OIL COOLER FAN
AN ATTACHMENT

SMCS-3066, 5073

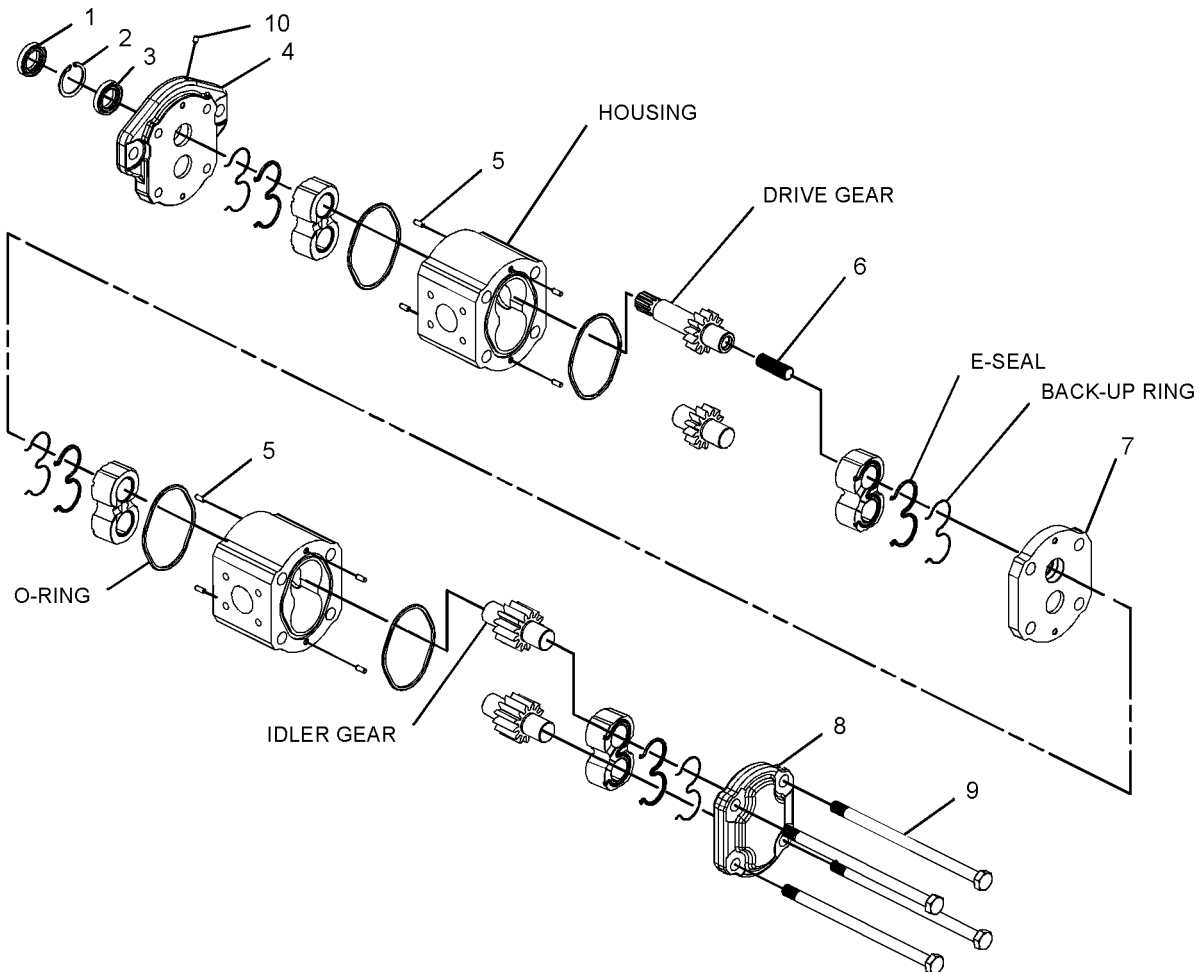
i02213931

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
J	1	1	254-5665	1	SEAL AS						
J	2	1	1L-3768	1	RING-RETAINING						
J	3	1	208-8094	1	SEAL						
	4	1	260-8902	1	FLANGE						
	5	1	099-3095	8	DOWEL						
	6	1	260-8903	1	COUPLING						
	7	1	260-8904	1	PLATE						
	8	1	135-3490	1	COVER						
M	9	1	9X-2145	4	BOLT (M12X1.75-THD)						
	10	1	219-8899	1	PLUG-SCREEN						

AVAILABLE REPAIR KIT(S):

J 260-8905 1 KIT-SEAL
(INCLUDES SEALS AND RINGS)

J-KIT MARKED J INCLUDES PARTS MARKED J
M-METRIC PART



GRAPHIC #1

<END>

g01118675

POWER TRAIN

292-9912 PUMP GP-GEAR-AXLE OIL COOLER

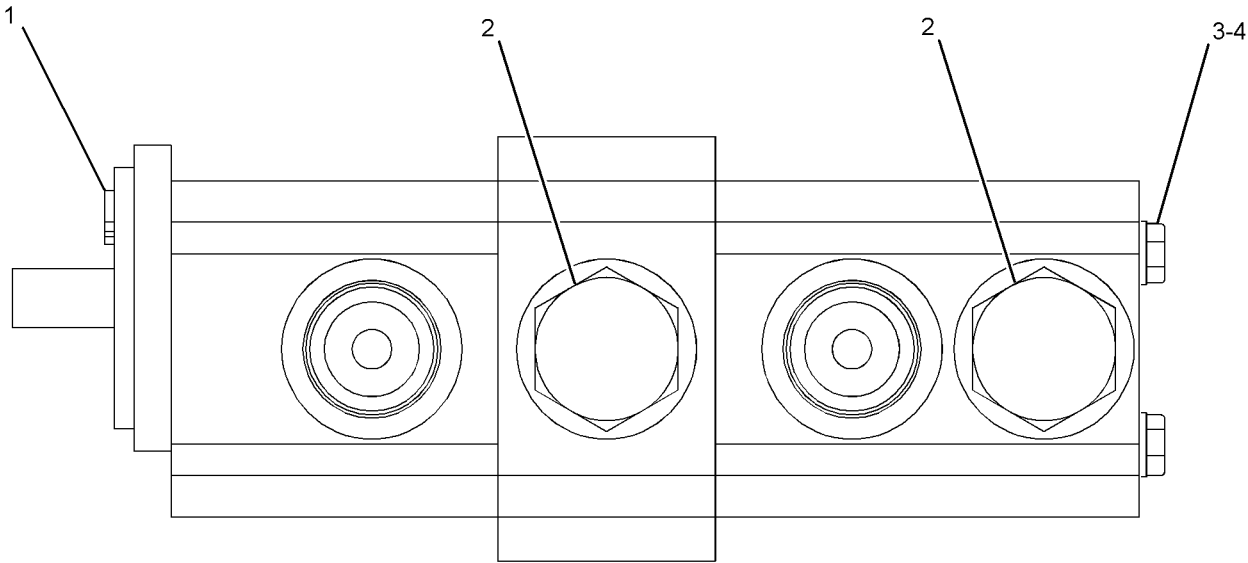
S/N: BXY1201-UP

PART OF 257-7810, 345-3960 LINES GP-AXLE OIL COOLER
AN ATTACHMENT

SMCS-3066, 5073

i02634557

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	204-0157	1	KIT-SEAL (KIT INCLUDES DOWELS, SEALS, RINGS, AND O-RINGS)						
	2	1	292-9911	2	KIT-RELIEF VALVE						
	3	1	286-3219	4	BOLT (M10X1.5X300-MM)						
	4	1	9X-2327	4	WASHER (11X18.5X2.5-MM THK)						



GRAPHIC #1

<END>

g01321371

POWER TRAIN

193-0980 PUMP GP-TRANSMISSION*R

S/N: BXY1-UP

PART OF 195-5979 PUMP GP-TRANSMISSION

SMCS-3066

i02061677

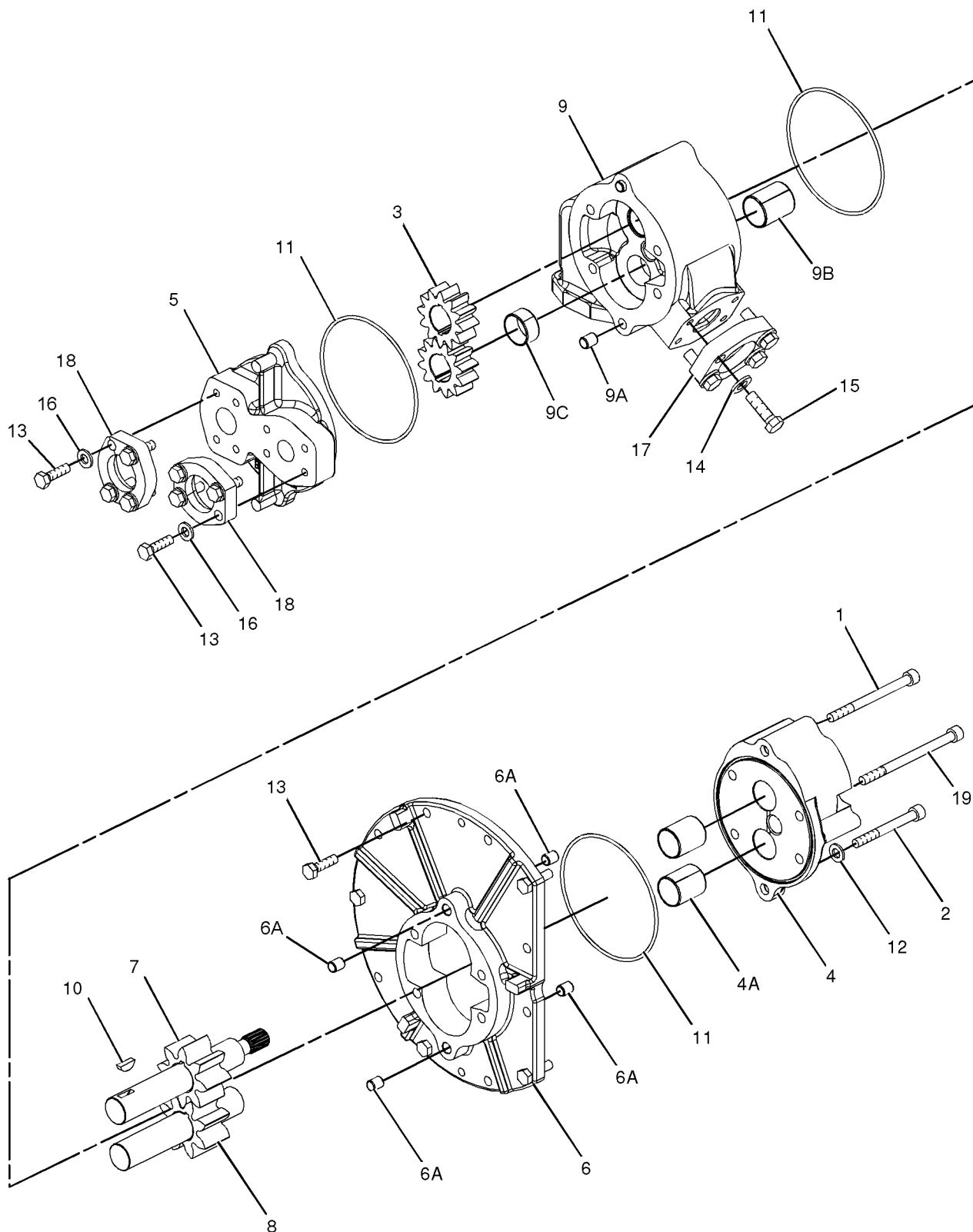
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	096-1331	1	BOLT-SOCKET HEAD (M10X1.5X120-MM)						
M	2	1	9X-2158	1	BOLT-SOCKET HEAD (M10X1.5X90-MM)						
	3	1	3P-0747	2	GEAR-OIL PUMP (12-TEETH)						
	4	1	134-5623	1	COVER AS						
	4A	1	1M-3909	2	BEARING-SLEEVE						
	5	1	193-9179	1	MANIFOLD-OIL PUMP						
	6	1	194-6626	1	BODY AS-OIL PUMP						
	6A	1	8M-8489	4	DOWEL						
	7	1	195-5981	1	GEAR AS (8 TEETH)						
	8	1	195-5985	1	GEAR AS (8 TEETH)						
	9	1	195-5988	1	BODY AS						
	9A	1	8M-8489	2	DOWEL						
	9B	1	1M-3909	2	BEARING-SLEEVE						
	9C	1	9M-4370	2	BEARING						
	10	1	1B-8736	1	KEY-WOODRUFF						
	11	1	2D-8009	3	SEAL-O-RING						
	12	1	6V-5839	1	WASHER (11X21X2.5-MM THK)						
M	13	1	8T-4196	13	BOLT (M10X1.5X35-MM)						
	14	1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)						
M	15	1	8T-4183	4	BOLT (M12X1.75X40-MM)						
	16	1	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)						
	17	1	1P-4579	2	FLANGE-HALF						
	18	1	1P-4578	4	FLANGE-HALF						
M	19	1	183-8004	4	BOLT-SOCKET HEAD						

M-METRIC PART

POWER TRAIN

193-0980 PUMP GP-TRANSMISSION (contd.)

i02061677



GRAPHIC #1

<END>

g01056795

POWER TRAIN

195-5979 PUMP GP-TRANSMISSION

S/N: BXY1-UP

PART OF 225-6709, 345-3936 LINES GP-POWER TRAIN OIL

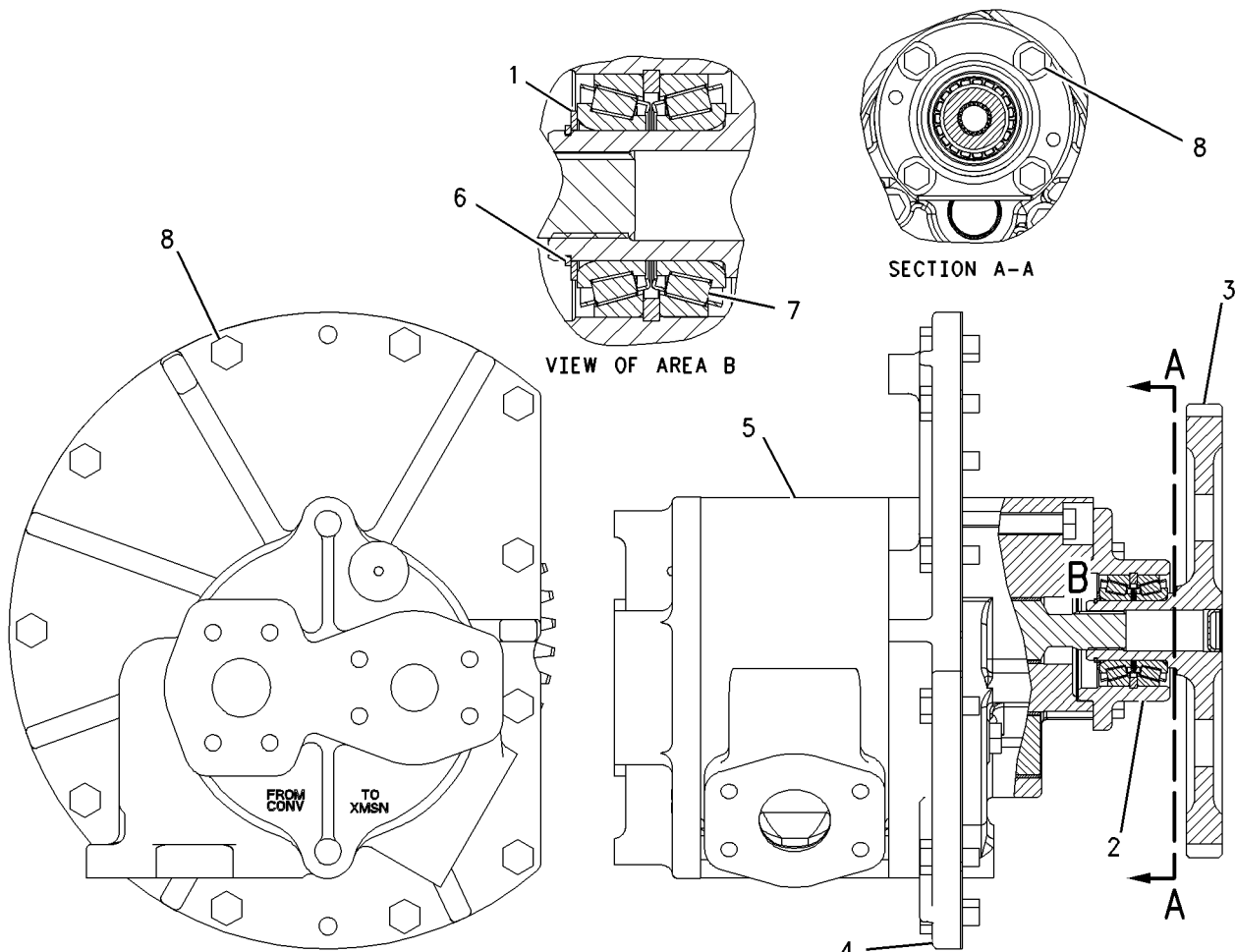
SMCS-3066

i01463110

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	8P-8701	1	WASHER-THRUST	
	2	1	134-5628	1	CAGE-BEARING	
	3	1	135-1844	1	GEAR AS	
		1	4N-0952	1	PLUG-CUP	
	4	1	135-1845	1	GASKET	
Y	5	1	193-0980	1	PUMP GP-TRANSMISSION	824
	6	1	2M-4287	1	RING-SNAP	
	7	1	5P-7068	1	BEARING AS-ROLLER	
M	8	1	6V-4248	15	BOLT (M10X1.50X25MM)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00765823

POWER TRAIN

141-9811 RIM AR

S/N: BXY1-UP

28.00X33

PART OF 145-0415, 145-0421, 160-7277, 170-1107, 194-4133, 194-4136,
194-4186, 199-3722, 200-5156, 200-5161, 200-5165, 200-5169, 200-5172,
200-7949, 203-6992, 204-3547, 262-5490, 267-2075, 276-3462, 287-8013,

303-6325 TIRE & RIM AR

FOR USE WITH 35/65-33 TIRES

AN ATTACHMENT

SMCS-4209

i03092017

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	261-3857	1	MOUNTING GP-RIM						810
Y	262-1557	4	RIM GP-DEMOUNTABLE						828
Y-SEPARATE ILLUSTRATION									

<END>

261-3862 RIM AR

S/N: BXY1-UP

PART OF 294-9162, 306-8927, 308-6336 TIRE & RIM AR

AN ATTACHMENT

SMCS-4209

i02226478

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	261-3857	1	MOUNTING GP-RIM						810
Y	261-3863	4	RIM GP-DEMOUNTABLE						828
Y-SEPARATE ILLUSTRATION									

<END>

274-8501 RIM AR

S/N: BXY1-UP

AN ATTACHMENT

SMCS-4209

i02456990

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	261-3863	1	RIM GP-DEMOUNTABLE						828
M	8T-0669	32	BOLT (M24X3X130-MM)						
	6V-8237	32	WASHER (26X44X4-MM THK)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION

<END>

POWER TRAIN

261-3863 RIM GP-DEMOUNTABLE

S/N: BXY1-UP

(28X33)

PART OF 261-3862, 274-8501 RIM AR
AN ATTACHMENT

SMCS-4209

i02226480

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	258-7014	1	RIM	GP-DEMOUNTABLE					
	8X-4086	1	RING-LOCK						
	133-5209	1	DRIVER						
	144-5385	1	BAND-BEAD SEAT						
	258-7015	1	RIM AS (28X33)						
	259-0576	2	FLANGE						
	1J-4246	1	SEAL-O-RING						
	144-0290	1	VALVE AS						
<END>									

262-1557 RIM GP-DEMOUNTABLE

S/N: BXY1-UP

PART OF 141-9811 RIM AR
AN ATTACHMENT

SMCS-4209

i03092142

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	273-1639	1	RIM	GP-DEMOUNTABLE					829
	144-0290	1	VALVE	AS					
	1J-4246	1	SEAL-O-RING						
Y-SEPARATE ILLUSTRATION									
<END>									

POWER TRAIN

273-1639 RIM GP-DEMOUNTABLE

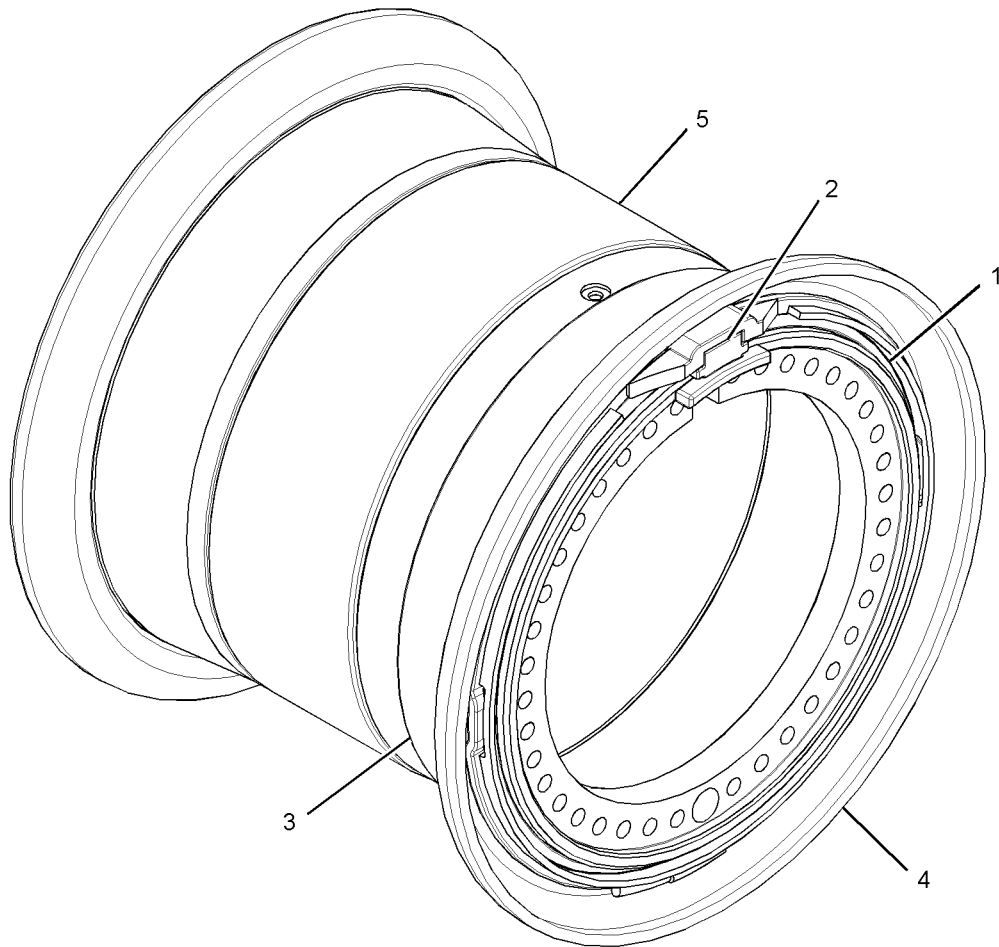
S/N: BXY1-UP

PART OF 262-1557 RIM GP-DEMOUNTABLE
AN ATTACHMENT

SMCS-4209

i03092207

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8X-4086	1	RING-LOCK						
	2	1	133-5209	1	DRIVER						
	3	1	144-5385	1	BAND-BEAD SEAT						
	4	1	259-0576	2	FLANGE						
	5	1	273-1640	1	RIM AS (28X33)						



GRAPHIC #1

<END>

g01619929

POWER TRAIN

136-1722 SHAFT GP-DRIVE

S/N: BXY1-2908

PART OF 225-5455 POWER TRAIN AR

SMCS-3253

i01478798

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	2D-8540	2	SEAL-LIP TYPE	
	2	1	3B-8489	1	FITTING-GREASE	
	3	1	3K-9608	1	GUARD	
	4	1	5K-3968	1	RETAINER-BEARING	
YR	5	1	136-1747	1	UNIVERSAL JOINT GP	873
YR	6	1	136-1749	1	UNIVERSAL JOINT GP	874
	7	1	176-7289	1	YOKE AS	
	7A	1	9U-3928	1	GUARD	
	8	1	136-1753	1	CAGE-BEARING	
YR	9	1	201-7245	1	SLIP JOINT GP	835
	10	1	159-3945	1	BEARING	
	11	1	1H-8278	1	SEAL-O-RING	
	12	1	2H-3933	1	SEAL-O-RING	
	13	1	5P-8245	12	WASHER-HARD (13.5X25.5X3-MM THK)	
M	14	1	6V-1820	2	BOLT (M10X1.5X30-MM)	
	15	1	6V-5839	2	WASHER (11X21X2.5-MM THK)	
M	16	1	6V-8149	6	NUT (M12X1.75-THD)	
M	17	1	112-3927	1	BOLT (M20X2.5X90-MM)	
M	18	1	8T-0106	6	BOLT (M12X1.75X100-MM)	
M	19	1	8T-0281	20	BOLT (M16X2X80-MM)	
	20	1	8V-5386	1	RETAINER	

M-METRIC PART

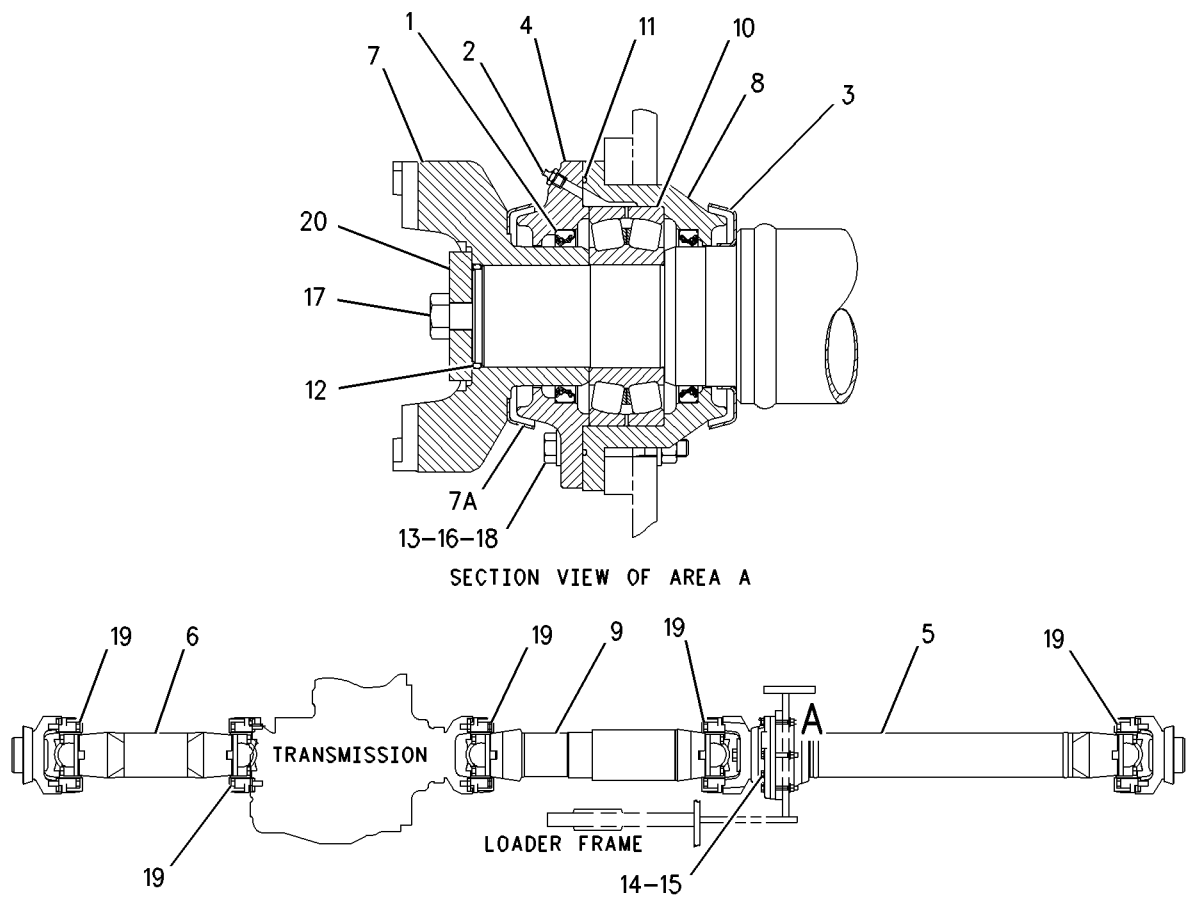
R-REMFG PART MAY BE AVAILABLE

Y-SEPARATE ILLUSTRATION

POWER TRAIN

136-1722 SHAFT GP-DRIVE (contd.)

i01478798



GRAPHIC #1

<END>

g00770091

POWER TRAIN

136-1722 SHAFT GP-DRIVE

S/N: BXY2909-UP

PART OF 225-5455 POWER TRAIN AR

SMCS-3253

i03630928

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2D-8540	2	SEAL-LIP TYPE						
	2	1	3B-8489	1	FITTING-GREASE						
	3	1	3K-9608	1	GUARD						
	4	1	5K-3968	1	RETAINER-BEARING						
YR	5	1	136-1747	1	UNIVERSAL JOINT GP						873
YR	6	1	136-1749	1	UNIVERSAL JOINT GP						874
	7	1	176-7289	1	YOKE AS						
	7A	1	9U-3928	1	GUARD						
	8	1	136-1753	1	CAGE-BEARING						
CYR	9	1	338-2051	1	SLIP JOINT GP						836
	10	1	159-3945	1	BEARING						
	11	1	1H-8278	1	SEAL-O-RING						
	12	1	2H-3933	1	SEAL-O-RING						
	13	1	5P-8245	12	WASHER-HARD (13.5X25.5X3-MM THK)						
M	14	1	6V-1820	2	BOLT (M10X1.5X30-MM)						
	15	1	6V-5839	2	WASHER (11X21X2.5-MM THK)						
M	16	1	6V-8149	6	NUT (M12X1.75-THD)						
M	17	1	112-3927	1	BOLT (M20X2.5X90-MM)						
M	18	1	8T-0106	6	BOLT (M12X1.75X100-MM)						
M	19	1	8T-0281	20	BOLT (M16X2X80-MM)						
	20	1	8V-5386	1	RETAINER						

C-CHANGE FROM PREVIOUS TYPE

M-METRIC PART

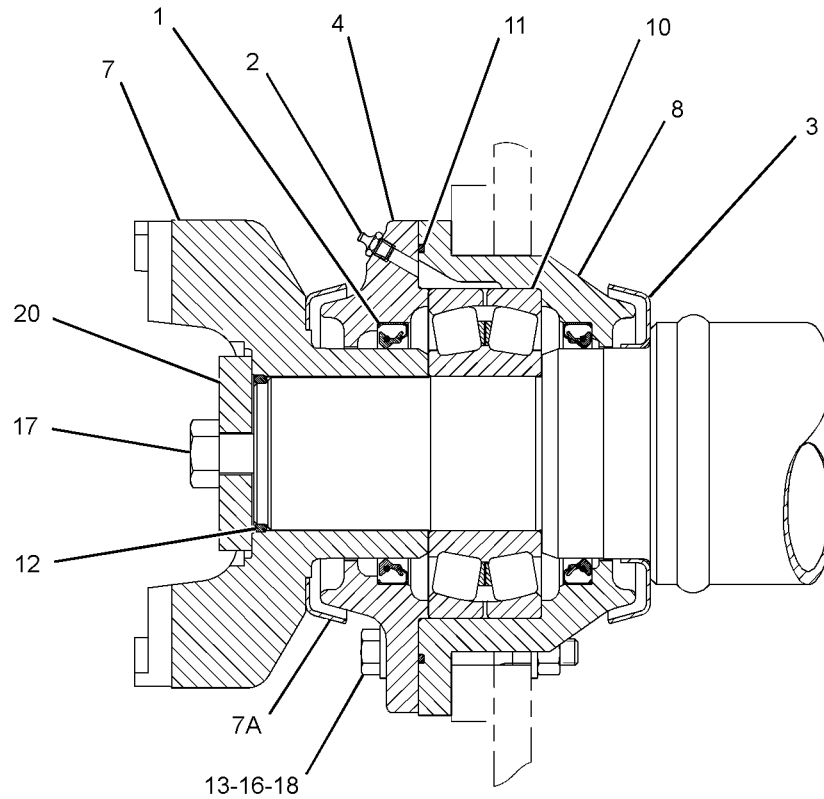
R-REMG PART MAY BE AVAILABLE

Y-SEPARATE ILLUSTRATION

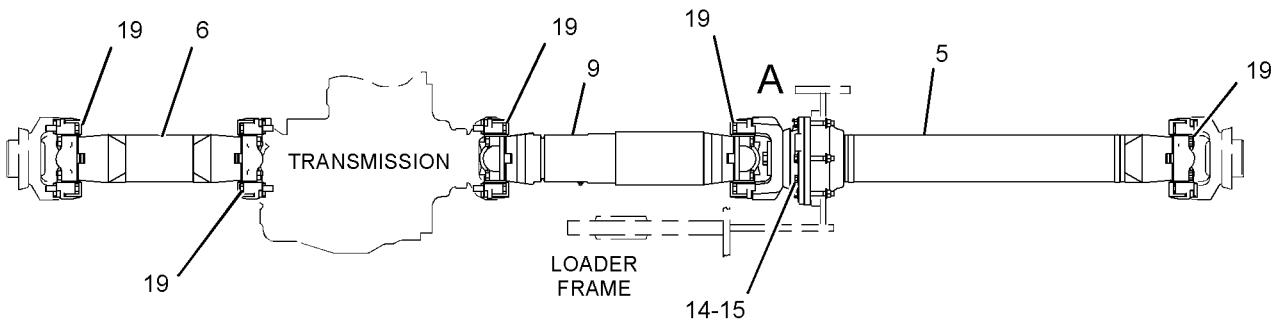
POWER TRAIN

136-1722 SHAFT GP-DRIVE (contd.)

i03630928



SECTION VIEW OF AREA A



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g02054874

POWER TRAIN

136-1754 SHAFT GP-INPUT DRIVE

S/N: BXY1-UP

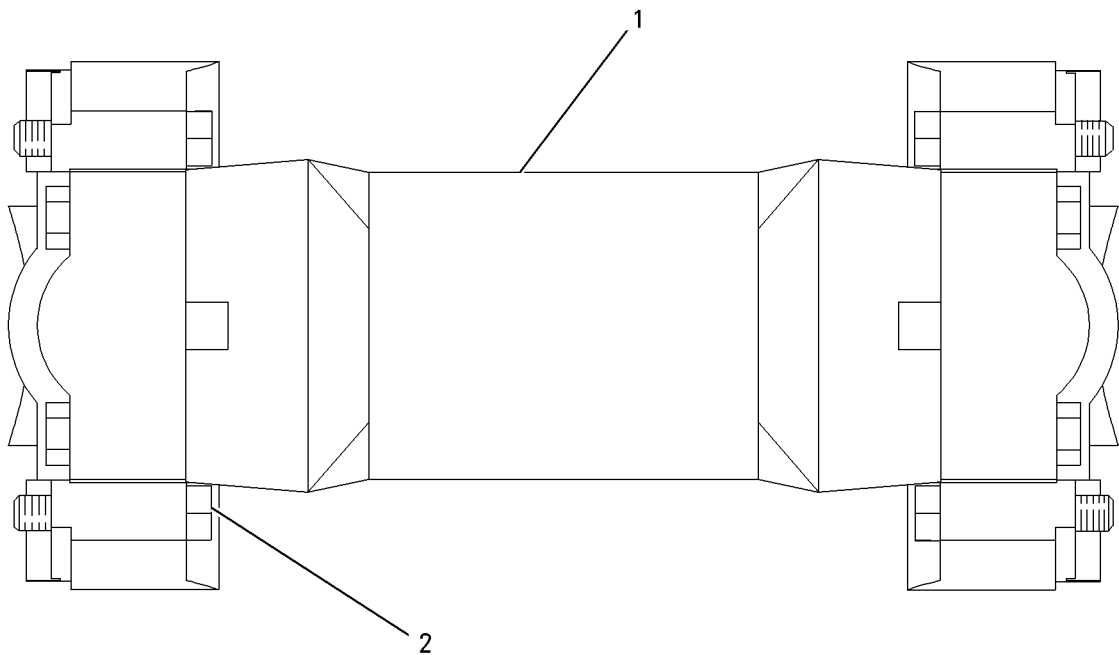
PART OF 225-5455 POWER TRAIN AR

SMCS-3253

i01626108

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	136-1755	1	UNIVERSAL JOINT GP (INPUT DRIVE SHAFT)	875
M	2	1	6V-3823	8	BOLT (M12X1.75X60MM)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00841994

POWER TRAIN

201-7245 SLIP JOINT GP*R

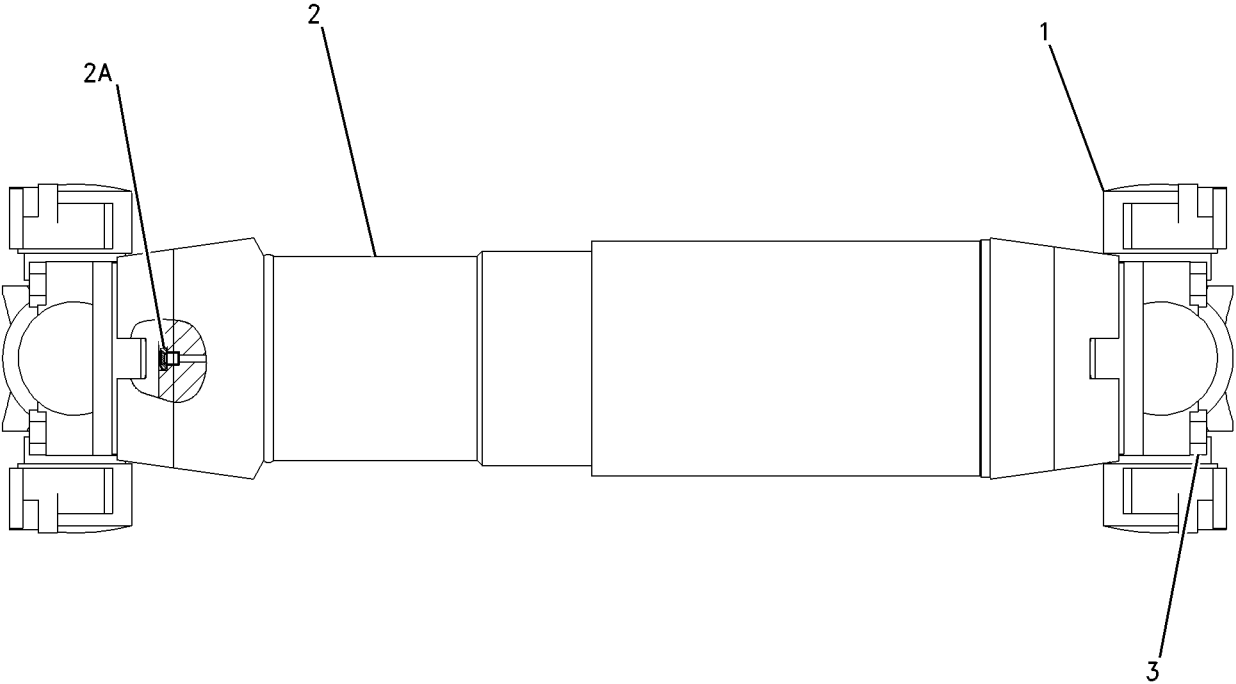
S/N: BXY1-2908

PART OF 136-1722 SHAFT GP-DRIVE

SMCS-3251

i01469231

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	106-0933	2	SPIDER & BEARING GP						
	2	1	201-7244	1	SHAFT AS						
	2A	1	8S-7374	1	FILTER AS-AIR						
M	3	1	8T-0281	8	BOLT (M16X2X80-MM)						
M-METRIC PART											



GRAPHIC #1

<END>

g00767784

POWER TRAIN

338-2051 SLIP JOINT GP*R

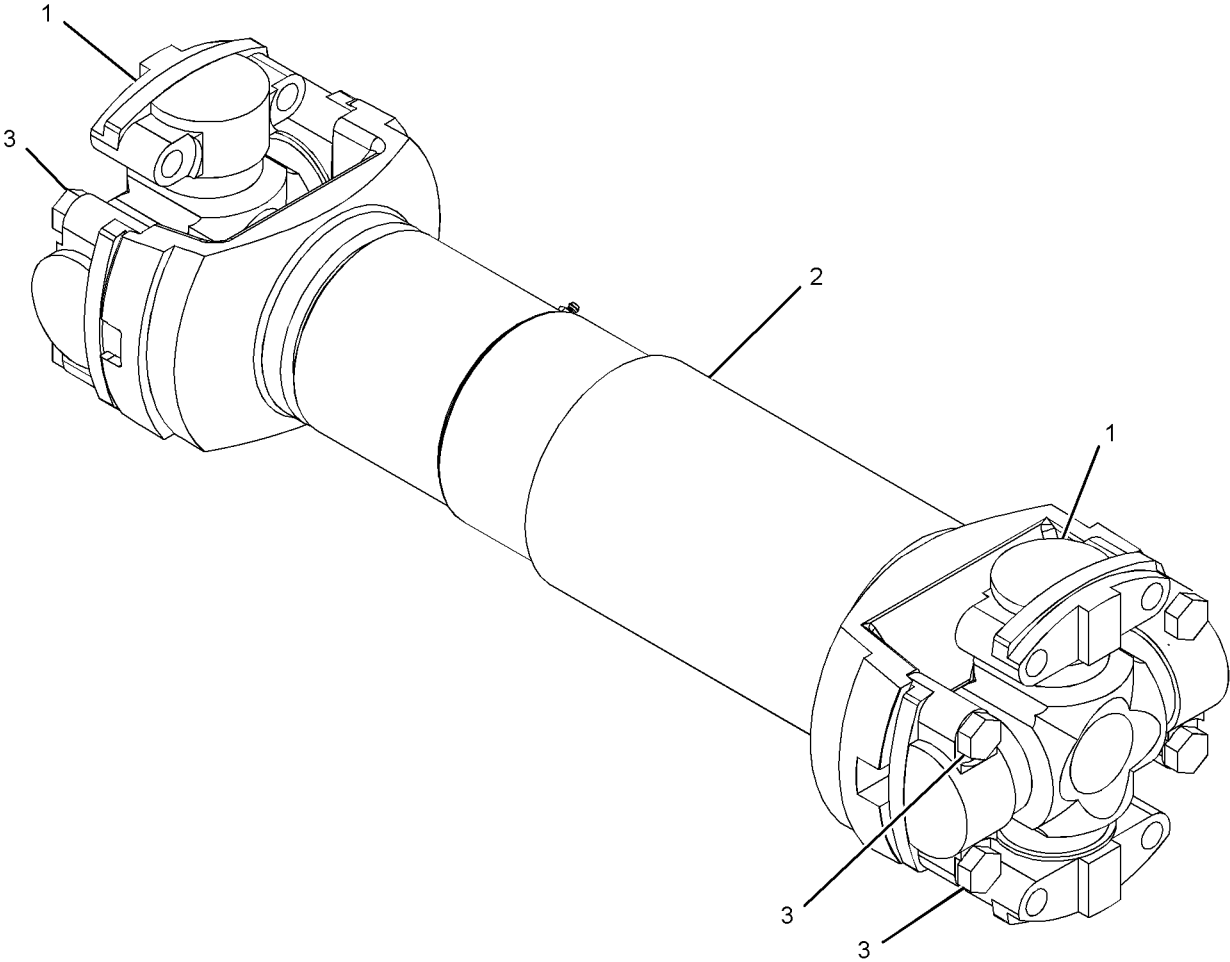
S/N: BXY2909-UP

PART OF 136-1722 SHAFT GP-DRIVE

SMCS-3251

i03631160

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	106-0933	2	SPIDER & BEARING GP						
	2	1	338-2116	1	SHAFT AS-SLIP						
		1	3B-8489	2	FITTING-GREASE						
		1	8C-8771	1	FITTING-PRESSURE RELIEF						
M	3	1	8T-0281	8	BOLT (M16X2X80-MM)						
M-METRIC PART											



GRAPHIC #1

<END>

g01954829

POWER TRAIN

114-5138 SUPPORT GP-TRANSMISSION

S/N: BXY1-1899

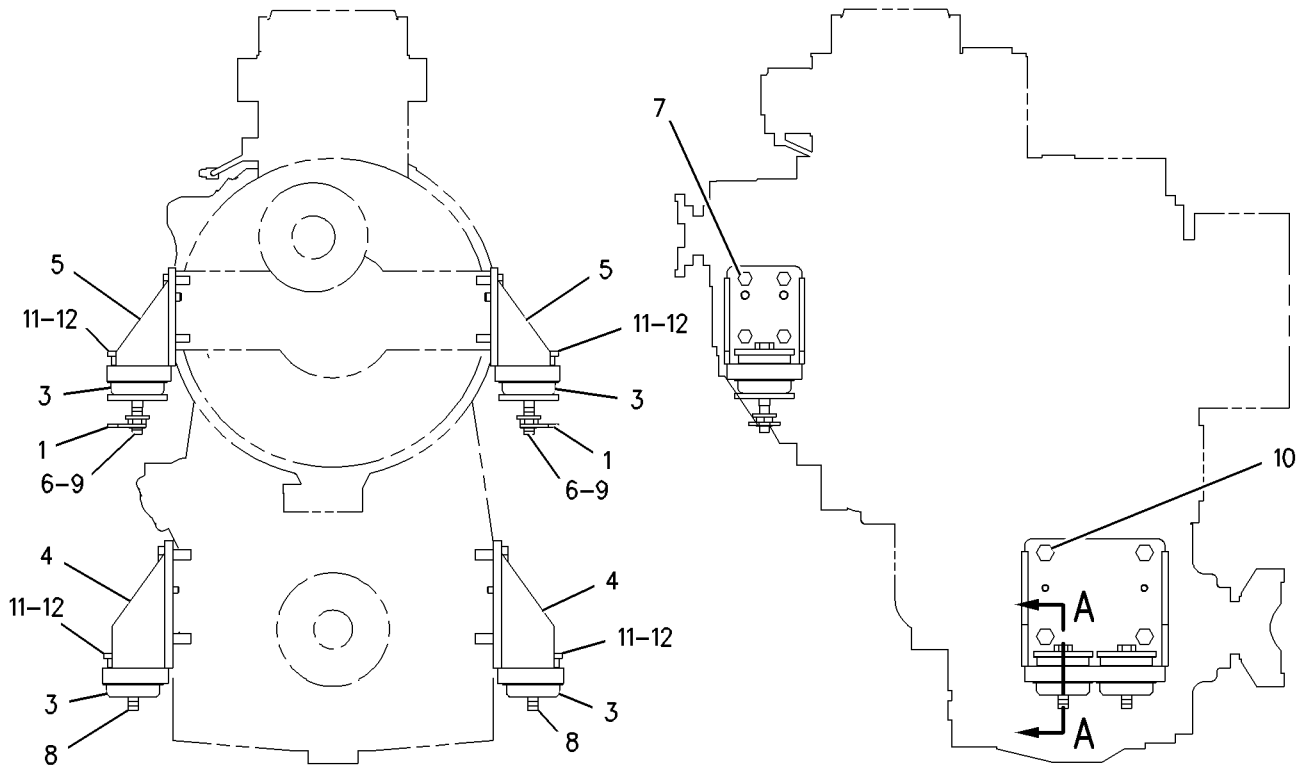
PART OF 225-5432 CHASSIS AR

SMCS-3082

i03020228

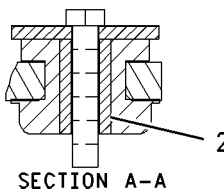
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	173-6640	2	SUPPORT AS	
	2	1	9W-6582	6	SLEEVE	
	3	1	9W-9930	6	MOUNT AS	
	4	1	132-2925	2	SUPPORT AS-LOWER	
					(EACH INCLUDES)	
		1	1A-2223	2	DOWEL	
	5	1	132-2927	2	SUPPORT AS-UPPER	
					(EACH INCLUDES)	
		1	4D-8148	2	DOWEL	
M	6	1	7X-2488	2	BOLT (M20X2.5X160-MM)	
M	7	1	7X-2553	8	BOLT (M16X2X40-MM)	
M	8	1	7X-2566	4	BOLT (M20X2.5X110-MM)	
	9	1	8T-5439	2	WASHER-HARD (21.5X45X6-MM THK)	
M	10	1	8T-6430	8	BOLT (M20X2.5X50-MM)	
	11	1	9W-6584	8	WASHER (20.5X114X10-MM THK)	
	12	1	8T-4123	6	WASHER (22X35X3.5-MM THK)	

M-METRIC PART



REAR VIEW

RIGHT SIDE VIEW



SECTION A-A

GRAPHIC #1

<END>

g00914750

POWER TRAIN

114-5138 SUPPORT GP-TRANSMISSION

S/N: BXY1900-UP

PART OF 284-2735 CHASSIS AR

SMCS-3082

i03487060

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9W-6582	6	SLEEVE						
	2	1	9W-9930	6	MOUNT AS						
	3	1	132-2927	2	SUPPORT AS-UPPER						
					(EACH INCLUDES)						
		1	4D-8148	2	DOWEL						
	4	1	173-6640	2	SUPPORT AS						
C	5	1	304-8704	2	SUPPORT AS-LOWER						
					(EACH INCLUDES)						
		1	1A-2223	2	DOWEL						
M	6	1	7X-2488	2	BOLT (M20X2.5X160-MM)						
M	7	1	7X-2553	8	BOLT (M16X2X40-MM)						
C	8	1	7X-2622	8	WASHER (22X115X10-MM THK)						
C	9	1	8T-4123	4	WASHER (22X35X3.5-MM THK)						
	10	1	8T-5439	8	WASHER-HARD (21.5X45X6-MM THK)						
CM	11	1	8T-6381	4	BOLT (M20X2.5X120-MM)						
M	12	1	8T-6430	8	BOLT (M20X2.5X50-MM)						
C	13	1	9X-8257	8	WASHER (17.5X30X3.5-MM THK)						

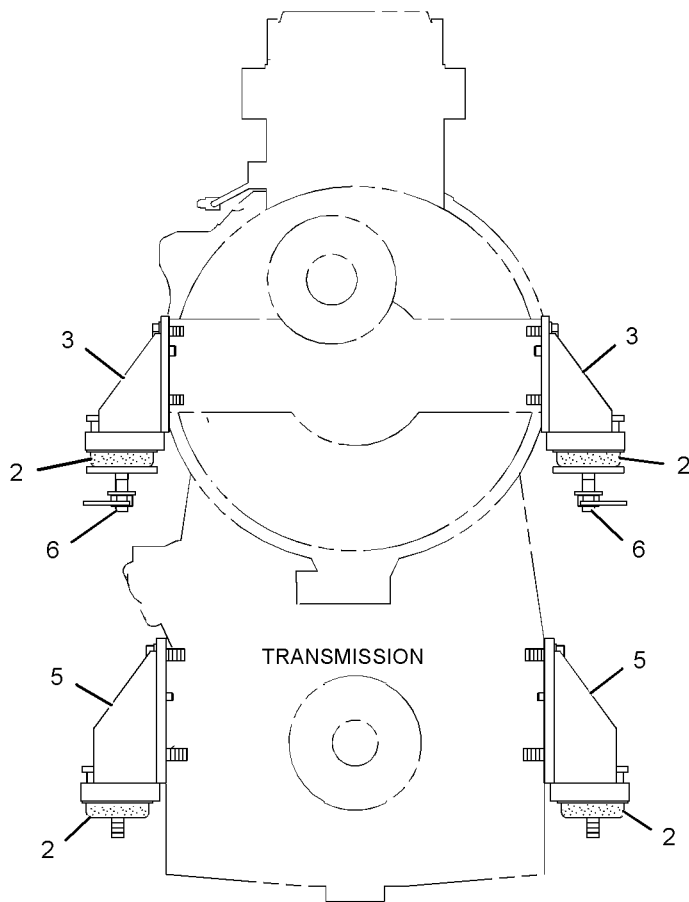
C-CHANGE FROM PREVIOUS TYPE

M-METRIC PART

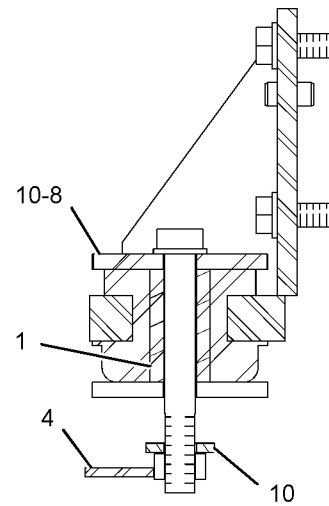
POWER TRAIN

114-5138 SUPPORT GP-TRANSMISSION (contd.)

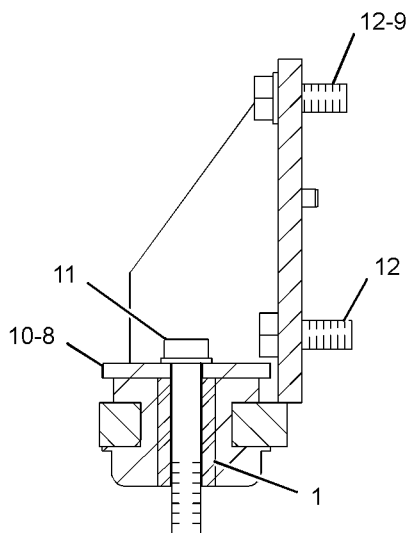
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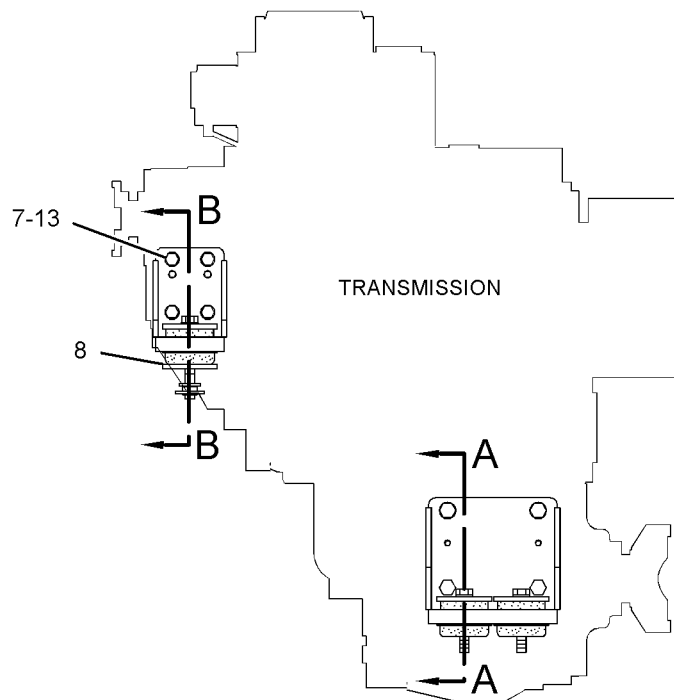
REAR VIEW



SECTION B-B



SECTION A-A



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g01867317

POWER TRAIN

145-0415 TIRE & RIM AR

S/N: BXY1-UP
AN ATTACHMENT

SMCS-4202

i03553109

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	141-9811	1	RIM AR						827
	339-8790	4	TIRE (65-R33)						
Y-SEPARATE ILLUSTRATION									

145-0421 TIRE & RIM AR

S/N: BXY1-UP
AN ATTACHMENT

SMCS-4202

i02741294

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	141-9811	1	RIM	AR					827
	101-9878	4	TIRE (35/65-R33)						
Y-SEPARATE ILLUSTRATION									
<END>									

160-7277 TIRE & RIM AR

S/N: BXY1-UP
AN ATTACHMENT

SMCS-4202

i02505289

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	141-9811	1	RIM AR						827
	5R-4373	4	TIRE (35/65-R33)						
Y-SEPARATE ILLUSTRATION									

170-1107 TIRE & RIM AR

S/N: BXY1-UP
AN ATTACHMENT

SMCS-4202

i02741298

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	141-9811	1	RIM	AR					827
	8R-4147	4	TIRE (35/65-R33)						
Y-SEPARATE ILLUSTRATION									
<END>									

POWER TRAIN

194-4133 TIRE & RIM AR

S/N: BXY1-UP
AN ATTACHMENT

SMCS-4202

i02741300

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	141-9811	1	RIM AR						827
	194-4132	4	TIRE (35/65-33)						
Y-SEPARATE ILLUSTRATION									
<END>									

194-4136 TIRE & RIM AR

S/N: BXY1-UP
AN ATTACHMENT

SMCS-4202

i02741301

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	141-9811	1	RIM AR						827
	162-0225	4	TIRE (35/65-33)						
Y-SEPARATE ILLUSTRATION									
<END>									

194-4186 TIRE & RIM AR

S/N: BXY1-UP
AN ATTACHMENT

SMCS-4202

i02741302

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	141-9811	1	RIM AR						827
	194-4185	4	TIRE (35/65-33)						
Y-SEPARATE ILLUSTRATION									
<END>									

199-3722 TIRE & RIM AR

S/N: BXY1-UP
AN ATTACHMENT

SMCS-4202

i02741303

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	141-9811	1	RIM AR						827
	199-3721	4	TIRE (35/65-R33)						
Y-SEPARATE ILLUSTRATION									
<END>									

POWER TRAIN

200-5156 TIRE & RIM AR

S/N: BXY1-UP
AN ATTACHMENT

SMCS-4202

i02741304

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	141-9811	1	RIM	AR					827
	120-6052	4	TIRE (35/65-33)						
Y-SEPARATE ILLUSTRATION									
<END>									

200-5161 TIRE & RIM AR

S/N: BXY1-UP
AN ATTACHMENT

SMCS-4202

i02743834

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	141-9811	1	RIM	AR					827
	200-5181	4	TIRE (35/65-33)						
Y-SEPARATE ILLUSTRATION									
<END>									

200-5165 TIRE & RIM AR

S/N: BXY1-UP
AN ATTACHMENT

SMCS-4202

i02741305

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	141-9811	1	RIM AR						827
	200-5180	4	TIRE (35/65-33)						
Y-SEPARATE ILLUSTRATION									

200-5169 TIRE & RIM AR

S/N: BXY1-UP
AN ATTACHMENT

SMCS-4202

i02741306

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	141-9811	1	RIM	AR					827
	200-5178	4	TIRE (35/65-33)						
Y-SEPARATE ILLUSTRATION									
<END>									

POWER TRAIN

200-5172 TIRE & RIM AR

S/N: BXY1-UP
AN ATTACHMENT

SMCS-4202

i02741307

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	141-9811	1	RIM	AR					827
	200-5177	4	TIRE (35/65-33)						
Y-SEPARATE ILLUSTRATION									
<END>									

200-7949 TIRE & RIM AR

S/N: BXY1-UP
AN ATTACHMENT

SMCS-4202

i02741308

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	141-9811	1	RIM AR						827
	200-7951	4	TIRE (35/65-R33)						
Y-SEPARATE ILLUSTRATION									
<END>									

203-6992 TIRE & RIM AR

S/N: BXY1-UP
AN ATTACHMENT

SMCS-4202

i02741309

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	141-9811	1	RIM AR						827
	149-8112	4	TIRE (35/65-R33)						
Y-SEPARATE ILLUSTRATION									
<END>									

204-3547 TIRE & RIM AR

S/N: BXY1-UP
AN ATTACHMENT

SMCS-4202

i02741363

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	141-9811	1	RIM	AR					827
	204-3546	4	TIRE (35/65-R33)						
Y-SEPARATE ILLUSTRATION									
<END>									

POWER TRAIN

262-5490 TIRE & RIM AR

S/N: BXY1-UP
AN ATTACHMENT

SMCS-4202

i02226475

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	141-9811	1	RIM	AR					827
	262-5491	4	TIRE (35/65-R33)						
Y-SEPARATE ILLUSTRATION									
<END>									

267-2075 TIRE & RIM AR

S/N: BXY1-UP
AN ATTACHMENT

SMCS-4202

i02303607

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	141-9811	1	RIM	AR					827
	267-2074	4	TIRE (28-R33)						
Y-SEPARATE ILLUSTRATION									
<END>									

276-3462 TIRE & RIM AR

S/N: BXY1-UP
AN ATTACHMENT

SMCS-4202

i02577972

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	141-9811	1	RIM AR						827
	271-1750	4	TIRE (35/65-33)						
Y-SEPARATE ILLUSTRATION									

287-8013 TIRE & RIM AR

S/N: BXY1-UP
AN ATTACHMENT

SMCS-4202

i02480750

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	141-9811	1	RIM	AR					827
	284-5790	4	TIRE (35/65-33)						
Y-SEPARATE ILLUSTRATION									
<END>									

POWER TRAIN

294-9162 TIRE & RIM AR

S/N: BXY1-UP
AN ATTACHMENT

SMCS-4202

i02629119

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	261-3862	1	RIM	AR					827
	284-5790	4	TIRE (35/65-33)						
Y-SEPARATE ILLUSTRATION									
<END>									

303-6325 TIRE & RIM AR

S/N: BXY1-UP
AN ATTACHMENT

SMCS-4202

i02650462

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	141-9811	1	RIM AR						827
	303-6328	4	TIRE (65/35-33)						
Y-SEPARATE ILLUSTRATION									
<END>									

306-8927 TIRE & RIM AR

S/N: BXY1-2387
AN ATTACHMENT

SMCS-4202

i02675679

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	261-3862	1	RIM AR						827
	149-8112	4	TIRE (35/65-33)						
Y-SEPARATE ILLUSTRATION									
<END>									

308-6336 TIRE & RIM AR

S/N: BXY1-2387
AN ATTACHMENT

SMCS-4202

i02716739

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	261-3862	1	RIM AR						827
	303-6328	4	TIRE (65/35-33)						
Y-SEPARATE ILLUSTRATION									
<END>									

POWER TRAIN

126-5483 TORQUE CONVERTER & HOUSING GP- FREEWHEEL STATOR, LOCKUP*R

S/N: BXY1-UP

PART OF 231-7842 TORQUE CONVERTER AR-LOCKUP
AN ATTACHMENT

SMCS-3101, 3105

i02882209

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
YR	1	1	231-2307	1	TORQUE CONVERTER GP (FREEWHEEL STATOR, LOCKUP)	862
	2	1	132-4454	1	HOUSING AS-TORQUE CONVERTER	
		1	1F-1006	2	DOWEL	
M	3	1	8T-4956	11	BOLT (M12X1.75X35-MM)	
	4	1	8T-4223	11	WASHER-HARD (13.5X25.5X3-MM THK)	
	5	1	5P-2503	4	CUP	
	6	1	5P-2504	4	CONE-BEARING	
	7	1	131-7419	2	GEAR-PUMP DRIVE	
	8	1	133-6588	1	ADAPTER-PUMP	
M	9	1	8T-7338	13	BOLT (M16X2X45-MM)	
	10	1	9X-8257	13	WASHER (17.5X30X3.5-MM THK)	
	11	1	133-7221	1	ADAPTER-PUMP	
	12	1	130-7093	1	COVER	
	13	1	6V-7423	1	BEARING AS-ROLLER	
	14	1	133-6347	1	SHAFT-IDLER	
M	15	1	6V-7675	1	BOLT (M16X2X140-MM)	
	16	1	5K-9065	1	RING-RETAINING	
	17	1	8J-6815	2	PLUG-ORIFICE	
	18	1	212-8739	1	MANIFOLD	
M	19	1	7X-0818	4	BOLT (M8X1.25X45-MM)	
	20	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)	
	21	1	132-4460	1	ADAPTER-SPLINED	
M	22	1	8T-4195	3	BOLT (M10X1.5X30-MM)	
	23	1	7M-9909	1	SEAL-O-RING	
	24	1	9S-4191	3	PLUG-O-RING	
	25	1	3J-1907	4	SEAL-O-RING	
	26	1	9S-4181	2	PLUG-O-RING	
	27	1	7M-8485	2	SEAL-O-RING	
	28	1	6V-0852	1	CAP-DUST	
	29	1	6V-3965	1	FITTING (QUICK DISCONNECT)	
	30	1	3S-1349	2	WASHER-HARD (31X52.5X6-MM THK)	
	31	1	6V-3935	2	RING-RETAINING	
	32	1	132-4455	1	ADAPTER	
	33	1	205-6051	2	SEAL-O-RING	
B	34	1	132-4458	2	SHIM PACK (INCLUDES 10-SHIMS)	
	35	1	133-9928	1	ADAPTER-LUBE	
	36	1	7D-1979	4	SEAL-O-RING	
	37	1	9X-8268	1	WASHER (17.5X30X3.5-MM THK)	
	38	1	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)	
	39	1	7L-9061	5	SEAL-O-RING	
	40	1	131-7418	1	GEAR-IDLER	
	41	1	8H-3981	2	RING-RETAINING	
	42	1	4H-6730	1	SEAL-O-RING	
	43	1	1D-4327	2	SEAL-LIP TYPE	
	44	1	1T-1639	1	RING	
	45	1	3J-7354	1	SEAL-O-RING	
	46	1	135-9941	1	ADAPTER	

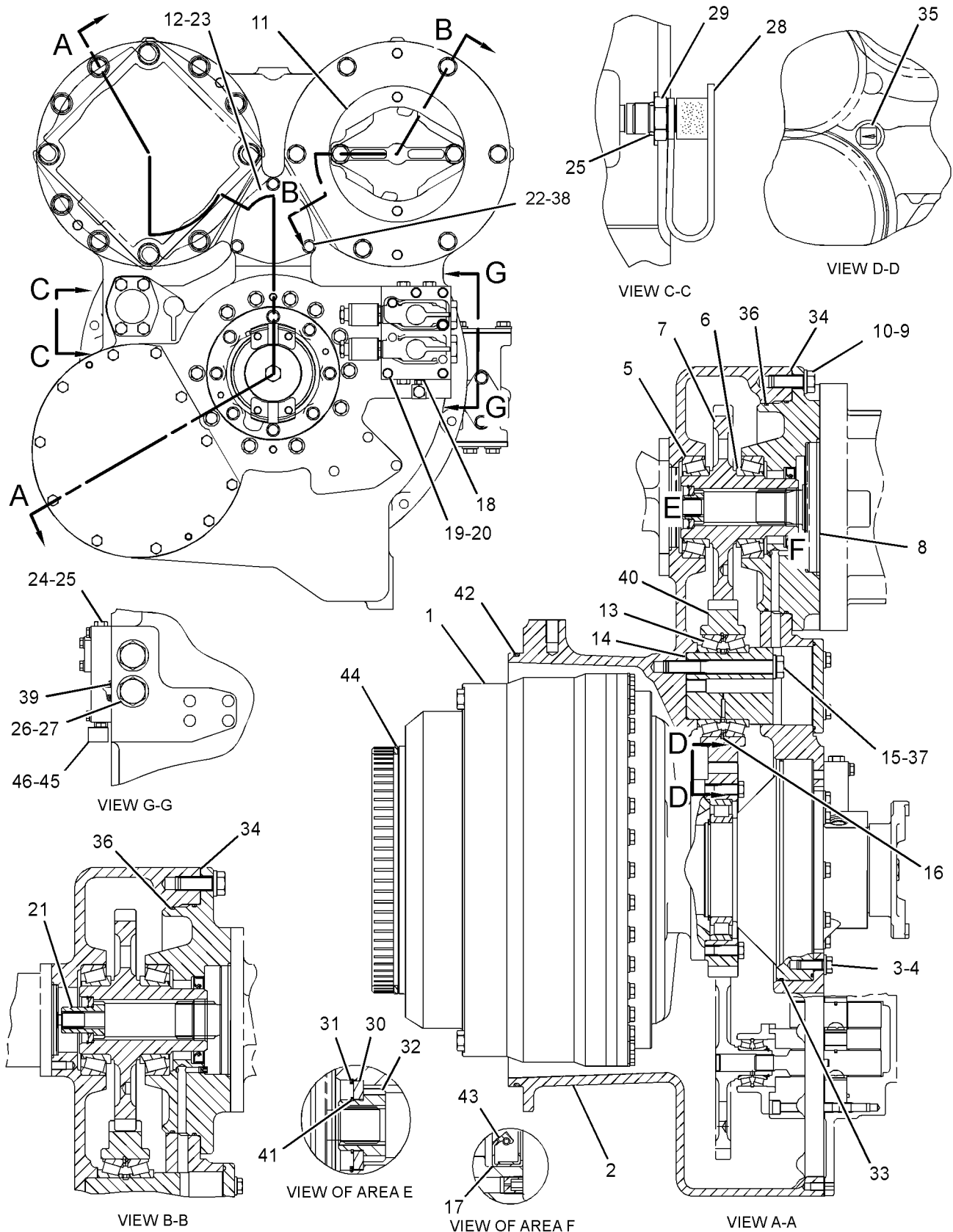
F 1 7X-7816 1 PLATE-SERIAL NUMBER

B-USE AS REQUIRED
F-NOT SHOWN
M-METRIC PART
R-REMG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

POWER TRAIN

126-5483 TORQUE CONVERTER & HOUSING GP (contd.)

i02882209



GRAPHIC #1

<END>

g01435616

POWER TRAIN

126-5483 TORQUE CONVERTER & HOUSING GP- FREEWHEEL STATOR, LOCKUP*R

S/N: BXY1-3999

PART OF 231-7842 TORQUE CONVERTER AR-LOCKUP
AN ATTACHMENT

SMCS-3101, 3105

i03539221

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
CY	1	1	322-5504	1	TORQUE CONVERTER GP (FREEWHEEL STATOR, LOCKUP)	867
	2	1	132-4454	1	HOUSING AS-TORQUE CONVERTER	
		1	1F-1006	2	DOWEL	
M	3	1	8T-4956	11	BOLT (M12X1.75X35-MM)	
	4	1	8T-4223	11	WASHER-HARD (13.5X25.5X3-MM THK)	
	5	1	5P-2503	4	CUP	
	6	1	5P-2504	4	CONE-BEARING	
	7	1	131-7419	2	GEAR-PUMP DRIVE	
	8	1	133-6588	1	ADAPTER-PUMP	
M	9	1	8T-7338	13	BOLT (M16X2X45-MM)	
	10	1	9X-8257	13	WASHER (17.5X30X3.5-MM THK)	
	11	1	133-7221	1	ADAPTER-PUMP	
	12	1	130-7093	1	COVER	
	13	1	6V-7423	1	BEARING AS-ROLLER	
	14	1	133-6347	1	SHAFT-IDLER	
M	15	1	6V-7675	1	BOLT (M16X2X140-MM)	
	16	1	5K-9065	1	RING-RETAINING	
	17	1	8J-6815	2	PLUG-ORIFICE	
C	18	1	323-4071	1	MANIFOLD	
CM	19	1	8T-6912	4	BOLT (M8X1.25X50-MM)	
	20	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)	
	21	1	132-4460	1	ADAPTER-SPLINED	
M	22	1	8T-4195	3	BOLT (M10X1.5X30-MM)	
	23	1	7M-9909	1	SEAL-O-RING	
	24	1	9S-4191	3	PLUG-O-RING	
	25	1	3J-1907	4	SEAL-O-RING	
	26	1	9S-4181	2	PLUG-O-RING	
	27	1	7M-8485	2	SEAL-O-RING	
	28	1	6V-0852	1	CAP-DUST	
	29	1	6V-3965	1	FITTING (QUICK DISCONNECT)	
	30	1	3S-1349	2	WASHER-HARD (31X52.5X6-MM THK)	
	31	1	6V-3935	2	RING-RETAINING	
	32	1	132-4455	1	ADAPTER	
	33	1	205-6051	2	SEAL-O-RING	
B	34	1	132-4458	2	SHIM PACK (INCLUDES 10-SHIMS)	
	35	1	133-9928	1	ADAPTER-LUBE	
	36	1	7D-1979	4	SEAL-O-RING	
	37	1	2S-5658	1	WASHER-HARD (17X29X3-MM THK)	
	38	1	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)	
	39	1	7L-9061	5	SEAL-O-RING	
	40	1	131-7418	1	GEAR-IDLER	
	41	1	8H-3981	2	RING-RETAINING	
	42	1	4H-6730	1	SEAL-O-RING	
	43	1	1D-4327	2	SEAL-LIP TYPE	
	44	1	1T-1639	1	RING	

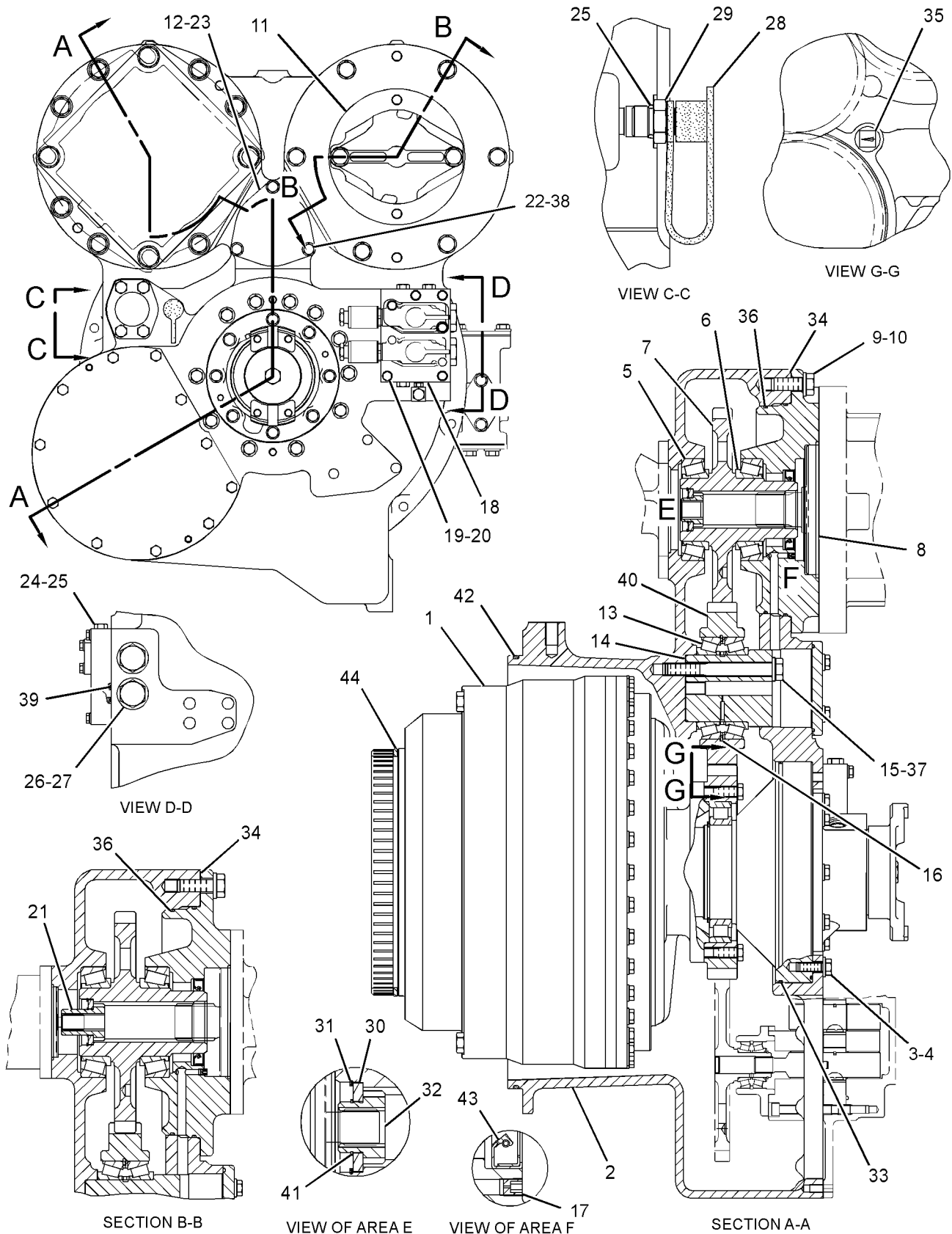
F 7X-7816 1 PLATE-SERIAL NUMBER

B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
F-NOT SHOWN
M-METRIC PART
Y-SEPARATE ILLUSTRATION

POWER TRAIN

126-5483 TORQUE CONVERTER & HOUSING GP (contd.)

i03539221



GRAPHIC #1

<END>

g01561378

POWER TRAIN

126-5483 TORQUE CONVERTER & HOUSING GP- FREEWHEEL STATOR, LOCKUP*R

S/N: BXY4000-UP

PART OF 231-7842 TORQUE CONVERTER AR-LOCKUP
AN ATTACHMENT

SMCS-3101, 3105

i03789470

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	2	4H-6141	1	CONNECTOR	
	2	2	5K-9065	1	RING-RETAINING	
C	3	2	6D-7889	2	SEAL-O-RING	
C	4	1, 2	6V-0852	3	CAP-DUST	
	6	2	8J-6815	2	PLUG-ORIFICE	
C	7	2	8T-8737	5	PLUG-SEAL	
C	8	2	9X-6772	1	STRAP-CABLE	
	9	1	130-7093	1	COVER	
	10	2	131-7418	1	GEAR-IDLER	
	11	2	132-4455	1	ADAPTER	
	12	2	133-7221	1	ADAPTER-PUMP	
C	13	2	187-8039	1	TUBE AS	
	14	1	205-6051	2	SEAL-O-RING	
CY	15	2	216-5342	1	VALVE GP-MODULATING (24-VOLT)	878
CY	16	2	217-2708	1	VALVE GP-MODULATING (24-VOLT)	879
C	17	1	244-3712	3	PLUG AS	
					(EACH INCLUDES)	
		1	9S-4191	1	PLUG-O-RING	
		1	214-7568	1	SEAL-O-RING	
Y	18	1	322-5504	1	TORQUE CONVERTER GP (FREEWHEEL STATOR, LOCKUP)	867
	19	1	323-4071	1	MANIFOLD	
C	20	1	347-1738	1	HOUSING AS-TORQUE CONVERTER	
		1	1F-1006	2	DOWEL	
C	21	2	130-5300	1	CLIP	
	22	2	131-7419	2	GEAR-PUMP DRIVE	
B	23	2	132-4458	2	SHIM PACK (INCLUDES 10-SHIMS)	
	24	2	132-4460	1	ADAPTER-SPLINED	
	25	1	133-6347	1	SHAFT-IDLER	
	26	2	133-6588	1	ADAPTER-PUMP	
C	27	2	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
C	28	2	155-2270	1	KIT-CONNECTING PLUG (2-PIN)	
					(EACH PLUG KIT INLCUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
C	29	1	164-5567	1	COUPLER AS-QUICK DISCONNECT	
		1	6V-3965	1	FITTING (QUICK DISCONNECT)	
		1	214-7568	1	SEAL-O-RING	
	30	2	1D-4327	2	SEAL-LIP TYPE	
	31	1	1T-1639	1	RING	
	32	1	2S-5658	1	WASHER-HARD (17X29X3-MM THK)	
C	33	1	309-5133	2	PLUG AS	
					(EACH INCLUDES)	
		1	9S-4181	1	PLUG-O-RING	
		1	238-5084	1	SEAL-O-RING	
	34	2	3S-1349	2	WASHER-HARD (31X52.5X6-MM THK)	
	35	1	4H-6730	1	SEAL-O-RING	
C	36	1	5D-5957	1	SEAL-O-RING	
	37	2	5P-2503	4	CUP	
	38	2	5P-2504	4	CONE-BEARING	
C	39	2	5P-4116	2	WASHER-HARD (8.8X20.5X2-MM THK)	
	40	2	6V-7423	1	BEARING AS-ROLLER	
	41	2	6V-3935	2	RING-RETAINING	
M	42	1	6V-7675	1	BOLT (M16X2X140-MM)	
	43	2	7D-1979	4	SEAL-O-RING	

POWER TRAIN

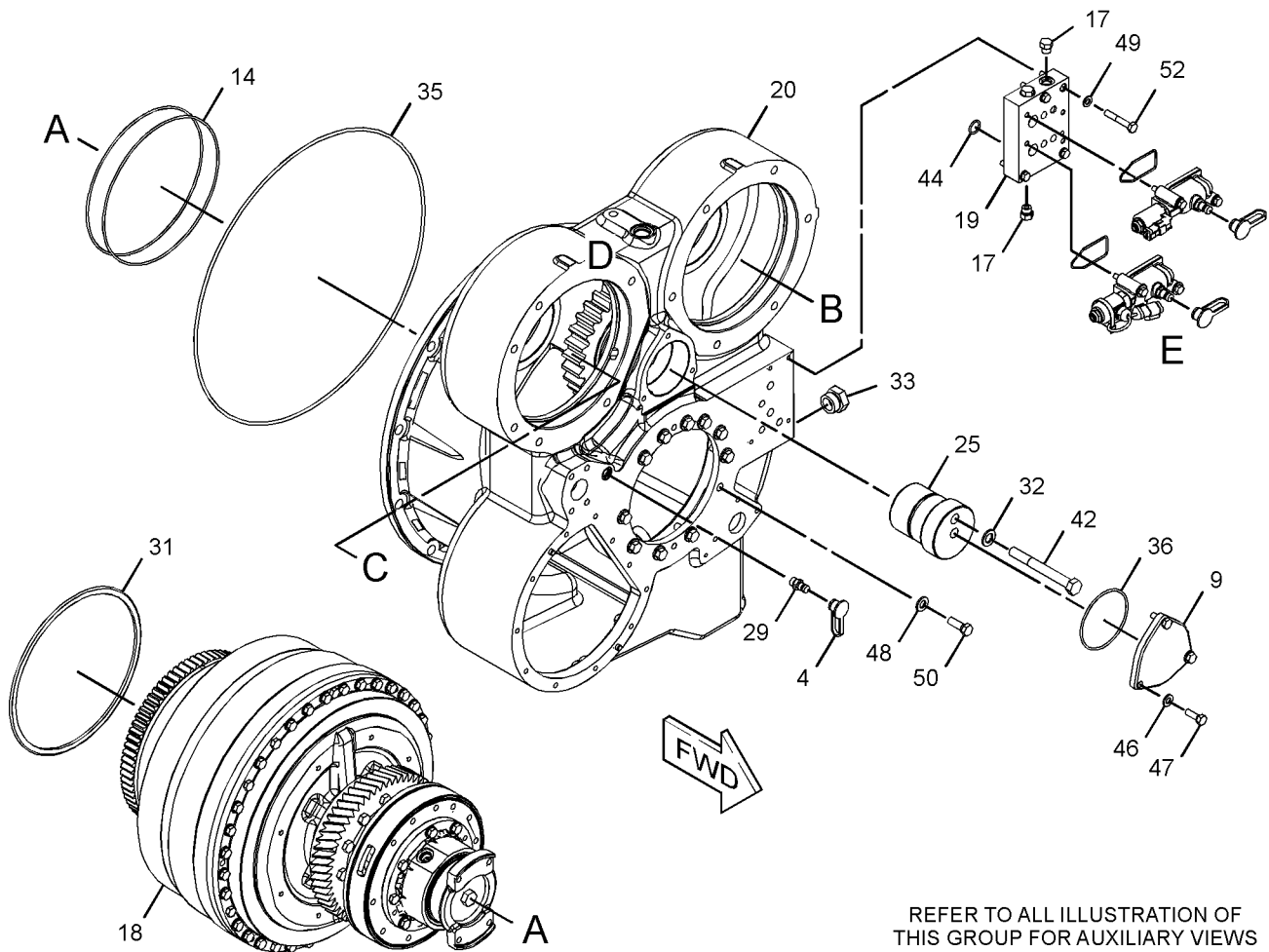
126-5483 TORQUE CONVERTER & HOUSING GP (contd.)

i03789470

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	44	1	7L-9061	5	SEAL-O-RING	
	45	2	8H-3981	2	RING-RETAINING	
	46	1	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)	
M	47	1	8T-4195	3	BOLT (M10X1.5X30-MM)	
	48	1	8T-4223	11	WASHER-HARD (13.5X25.5X3-MM THK)	
C	49	1, 2	8T-4224	6	WASHER-HARD (8.8X16X2-MM THK)	
M	50	1	8T-4956	11	BOLT (M12X1.75X35-MM)	
CM	51	2	8T-6869	4	BOLT (M8X1.25X60-MM)	
M	52	1	8T-6912	4	BOLT (M8X1.25X50-MM)	
M	53	2	8T-7338	13	BOLT (M16X2X45-MM)	
	54	2	9X-8257	13	WASHER (17.5X30X3.5-MM THK)	

F 7X-7816 1 PLATE-SERIAL NUMBER

B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
F-NOT SHOWN
M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

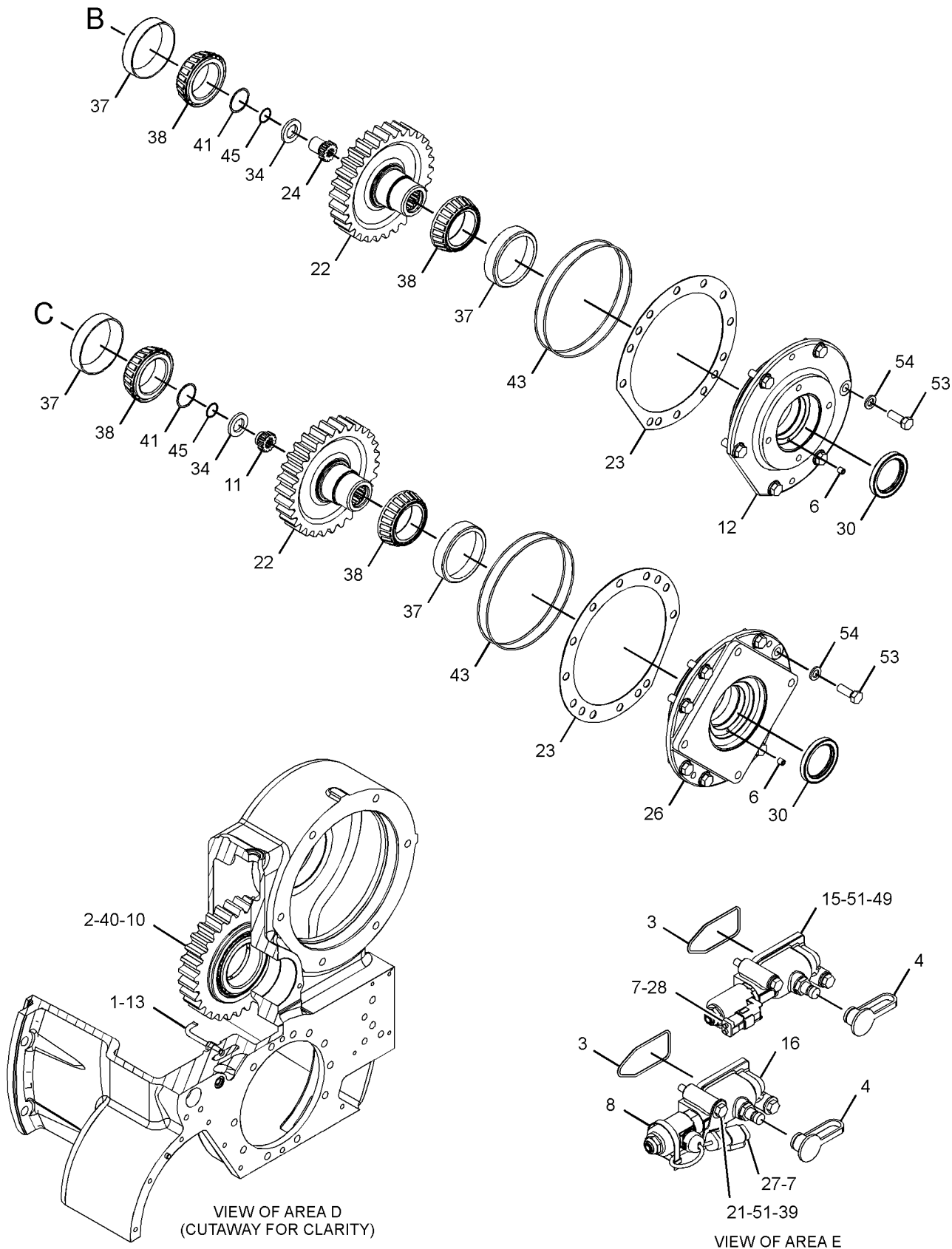
REFER TO ALL ILLUSTRATION OF THIS GROUP FOR AUXILIARY VIEWS

g02063095

POWER TRAIN

126-5483 TORQUE CONVERTER & HOUSING GP (contd.)

i03789470



GRAPHIC #2

<END>

g02063096

POWER TRAIN

128-5303 TORQUE CONVERTER & HOUSING GP*R

S/N: BXY1-3999

PART OF 231-7844 TORQUE CONVERTER AR
AN ATTACHMENT

SMCS-3101, 3105

i03539223

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
YR	1	2	128-5302	1	TORQUE CONVERTER GP	860
	2	2	132-4454	1	HOUSING AS-TORQUE CONVERTER	
		2	1F-1006	2	DOWEL	
M	3	2	8T-4956	11	BOLT (M12X1.75X35-MM)	
	4	2	8T-4223	11	WASHER-HARD (13.5X25.5X3-MM THK)	
	5	2	5P-2503	4	CUP	
	6	2	5P-2504	4	CONE-BEARING	
	7	2	131-7419	2	GEAR-PUMP DRIVE	
	8	2	133-6588	1	ADAPTER-PUMP	
	9	2	8T-7338	13	BOLT (M16X2X45-MM)	
M	10	2	9X-8257	13	WASHER (17.5X30X3.5-MM THK)	
	11	1	133-7221	1	ADAPTER-PUMP	
	12	1	130-7093	1	COVER	
	13	2	6V-7423	1	BEARING AS-ROLLER	
	14	2	133-6347	1	SHAFT-IDLER	
	15	2	6V-7675	1	BOLT (M16X2X140-MM)	
	16	2	5K-9065	1	RING-RETAINING	
M	17	2	8J-6815	2	PLUG-ORIFICE	
	18	1	323-4071	1	MANIFOLD	
	19	1	8T-6912	4	BOLT (M8X1.25X50-MM)	
	20	1	8T-4224	6	WASHER-HARD (8.8X16X2-MM THK)	
	21	1	132-4460	1	ADAPTER-SPLINED	
	22	1	8T-4195	3	BOLT (M10X1.5X30-MM)	
	23	1	7M-9909	1	SEAL-O-RING	
M	24	1	9S-4191	3	PLUG-O-RING	
	25	1	3J-1907	4	SEAL-O-RING	
	26	1	9S-4181	2	PLUG-O-RING	
	27	1	7M-8485	2	SEAL-O-RING	
	28	1	6V-0852	1	CAP-DUST	
	29	1	6V-3965	1	FITTING (QUICK DISCONNECT)	
	30	2	3S-1349	2	WASHER-HARD (31X52.5X6-MM THK)	
B	31	2	6V-3935	2	RING-RETAINING	
	32	2	132-4455	1	ADAPTER	
	33	2	205-6051	2	SEAL-O-RING	
	34	1, 2	132-4458	2	SHIM PACK (INCLUDES 10-SHIMS)	
	35	2	133-9928	1	ADAPTER-LUBE	
	36	1, 2	7D-1979	4	SEAL-O-RING	
	37	2	2S-5658	1	WASHER-HARD (17X29X3-MM THK)	
M	38	1	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)	
	39	1	7L-9061	5	SEAL-O-RING	
	40	2	131-7418	1	GEAR-IDLER	
	41	2	8H-3981	2	RING-RETAINING	
	42	2	4H-6730	1	SEAL-O-RING	
	43	2	1D-4327	2	SEAL-LIP TYPE	
	44	2	1T-1639	1	RING	
F	45	1	126-3883	1	COVER	
	46	1	6D-7889	1	SEAL-O-RING	
	47	1	8T-4908	2	BOLT (M8X1.25X25-MM)	
F			7X-7816	1	PLATE-SERIAL NUMBER	

B-USE AS REQUIRED

F-NOT SHOWN

M-METRIC PART

R-REMFG PART MAY BE AVAILABLE

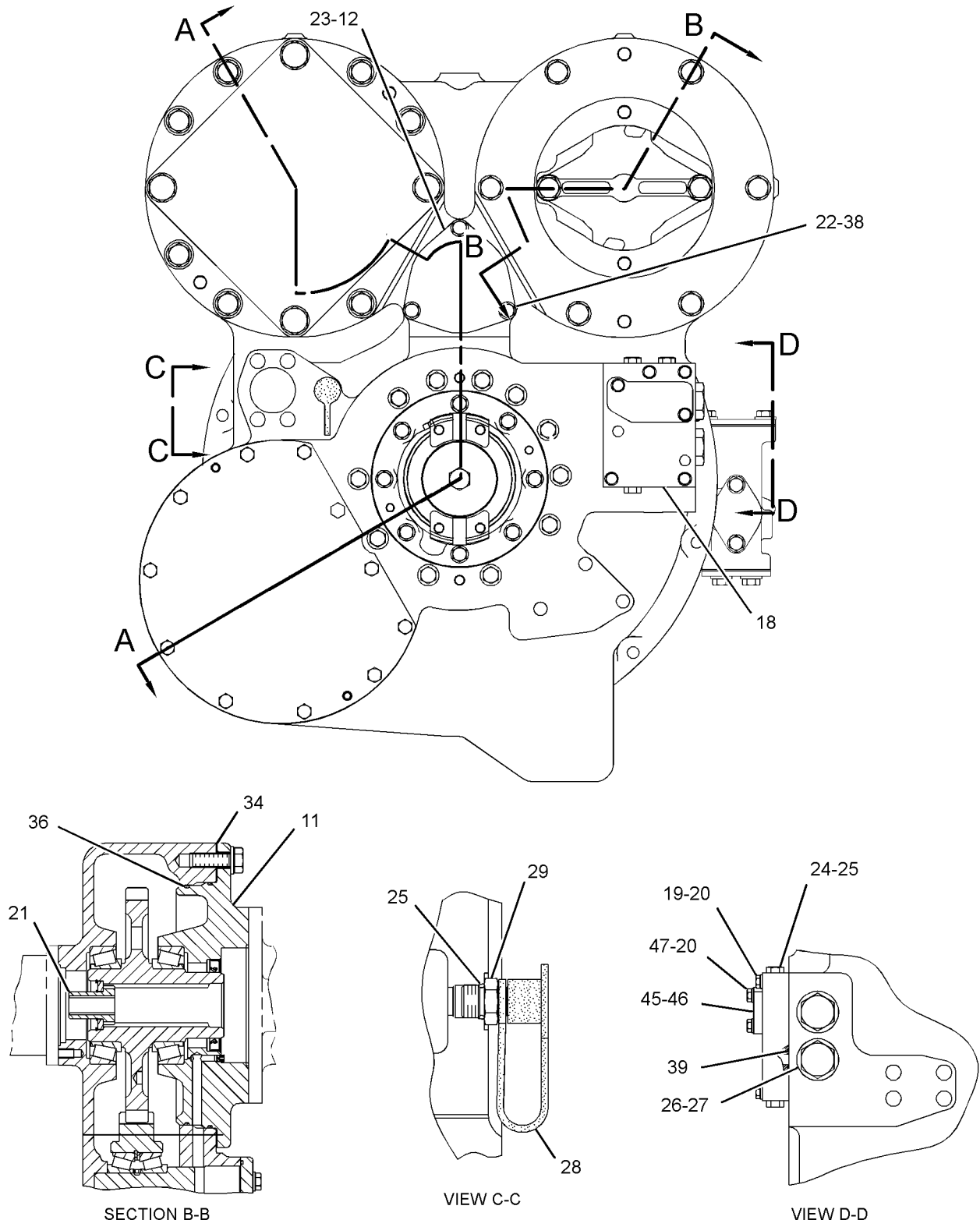
Y-SEPARATE ILLUSTRATION

POWER TRAIN

128-5303 TORQUE CONVERTER & HOUSING GP (contd.)

i03539223

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



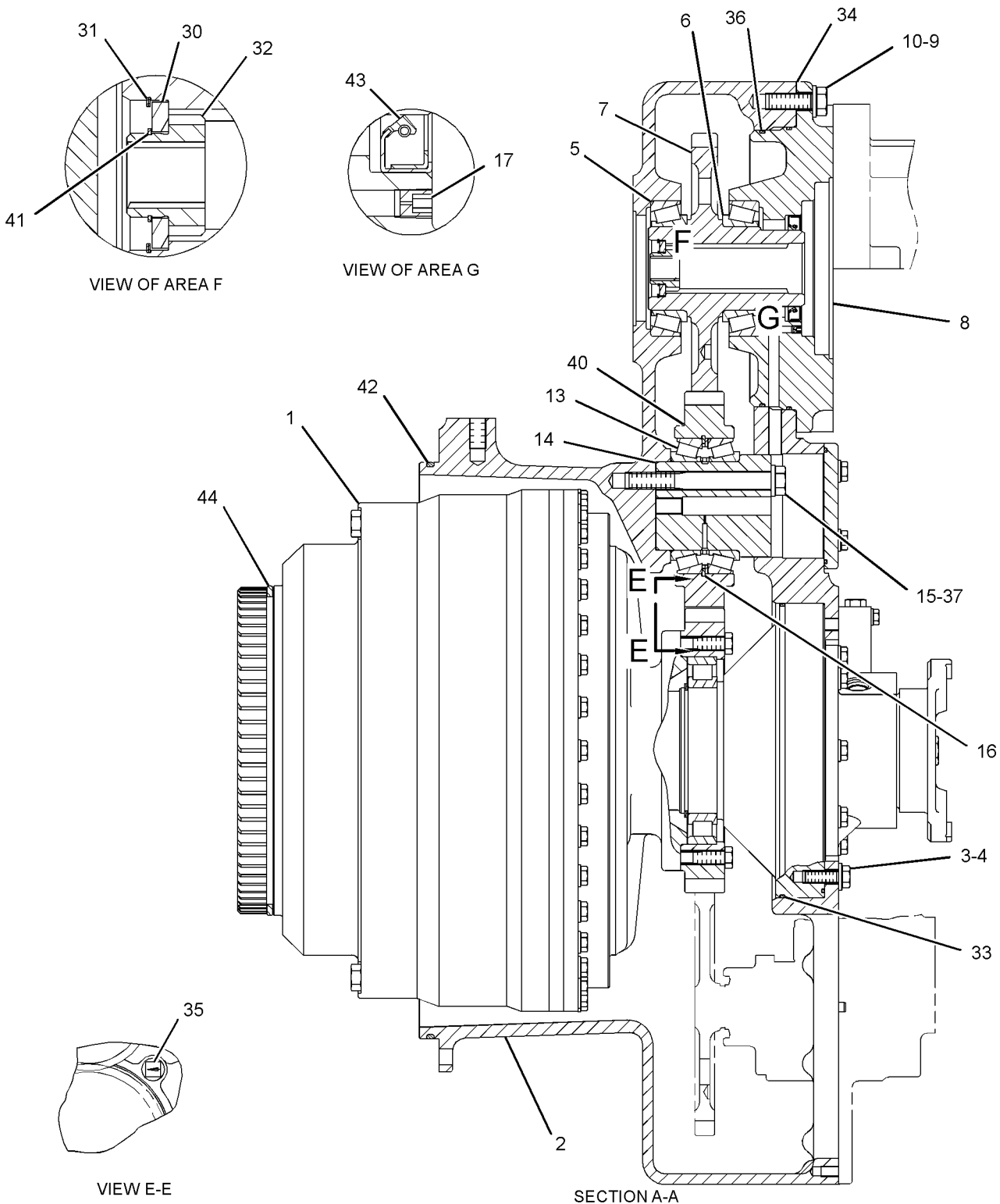
GRAPHIC #1

g01780753

POWER TRAIN

128-5303 TORQUE CONVERTER & HOUSING GP (contd.)

i03539223



GRAPHIC #2

<END>

g01780754

POWER TRAIN

128-5303 TORQUE CONVERTER & HOUSING GP*R

S/N: BXY4000-UP

PART OF 231-7844 TORQUE CONVERTER AR
AN ATTACHMENT

SMCS-3101, 3105

i03789469

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	2	4H-6141	1	CONNECTOR	
	2	2	5K-9065	1	RING-RETAINING	
C	3	1,2	6D-7889	2	SEAL-O-RING	
C	4	1,2	6V-0852	2	CAP-DUST	
	6	2	8J-6815	2	PLUG-ORIFICE	
C	7	2	8T-8737	3	PLUG-SEAL	
C	8	2	9X-6772	1	STRAP-CABLE	
	9	1	126-3883	1	COVER	
YR	10	1	128-5302	1	TORQUE CONVERTER GP	860
	11	1	130-7093	1	COVER	
	12	2	131-7418	1	GEAR-IDLER	
	13	2	132-4455	1	ADAPTER	
	14	2	133-7221	1	ADAPTER-PUMP	
C	15	2	187-8039	1	TUBE AS	
	16	1	205-6051	2	SEAL-O-RING	
CY	17	2	217-2708	1	VALVE GP-MODULATING (24-VOLT)	879
C	18	1	244-3712	3	PLUG AS	
					(EACH INCLUDES)	
		1	9S-4191	1	PLUG-O-RING	
		1	214-7568	1	SEAL-O-RING	
	19	1	323-4071	1	MANIFOLD	
C	20	1	347-1738	1	HOUSING AS-TORQUE CONVERTER	
		1	1F-1006	2	DOWEL	
C	21	2	130-5300	1	CLIP	
	22	2	131-7419	2	GEAR-PUMP DRIVE	
B	23	2	132-4458	2	SHIM PACK (INCLUDES 10-SHIMS)	
	24	2	132-4460	1	ADAPTER-SPLINED	
	25	1	133-6347	1	SHAFT-IDLER	
	26	2	133-6588	1	ADAPTER-PUMP	
C	27	2	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
					(INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
C	28	1	164-5567	1	COUPLER AS-QUICK DISCONNECT	
		1	6V-3965	1	FITTING (QUICK DISCONNECT)	
		1	214-7568	1	SEAL-O-RING	
	29	2	1D-4327	2	SEAL-LIP TYPE	
	30	1	1T-1639	1	RING	
	31	1	2S-5658	1	WASHER-HARD (17X29X3-MM THK)	
C	32	1,2	309-5133	2	PLUG AS	
					(EACH INCLUDES)	
		1,2	9S-4181	1	PLUG-O-RING	
		1,2	238-5084	1	SEAL-O-RING	
	33	2	3S-1349	2	WASHER-HARD (31X52.5X6-MM THK)	
	34	1	4H-6730	1	SEAL-O-RING	
C	35	1	5D-5957	1	SEAL-O-RING	
	36	2	5P-2503	4	CUP	
	37	2	5P-2504	4	CONE-BEARING	
C	38	2	5P-4116	2	WASHER-HARD (8.8X20.5X2-MM THK)	
	39	2	6V-7423	1	BEARING AS-ROLLER	
	40	2	6V-3935	2	RING-RETAINING	
M	41	1	6V-7675	1	BOLT (M16X2X140-MM)	
	42	2	7D-1979	4	SEAL-O-RING	
	43	1	7L-9061	5	SEAL-O-RING	
	44	2	8H-3981	2	RING-RETAINING	
	45	1	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)	
M	46	1	8T-4195	3	BOLT (M10X1.5X30-MM)	

POWER TRAIN

128-5303 TORQUE CONVERTER & HOUSING GP (contd.)

i03789469

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	47	1	8T-4223	11	WASHER-HARD (13.5X25.5X3-MM THK)						
	48	1	8T-4224	6	WASHER-HARD (8.8X16X2-MM THK)						
M	49	1	8T-4908	2	BOLT (M8X1.25X25-MM)						
M	50	1	8T-4956	11	BOLT (M12X1.75X35-MM)						
CM	51	2	8T-6869	2	BOLT (M8X1.25X60-MM)						
M	52	1	8T-6912	4	BOLT (M8X1.25X50-MM)						
M	53	2	8T-7338	13	BOLT (M16X2X45-MM)						
	54	2	9X-8257	13	WASHER (17.5X30X3.5-MM THK)						
F			7X-7816	1	PLATE-SERIAL NUMBER						

B-USE AS REQUIRED

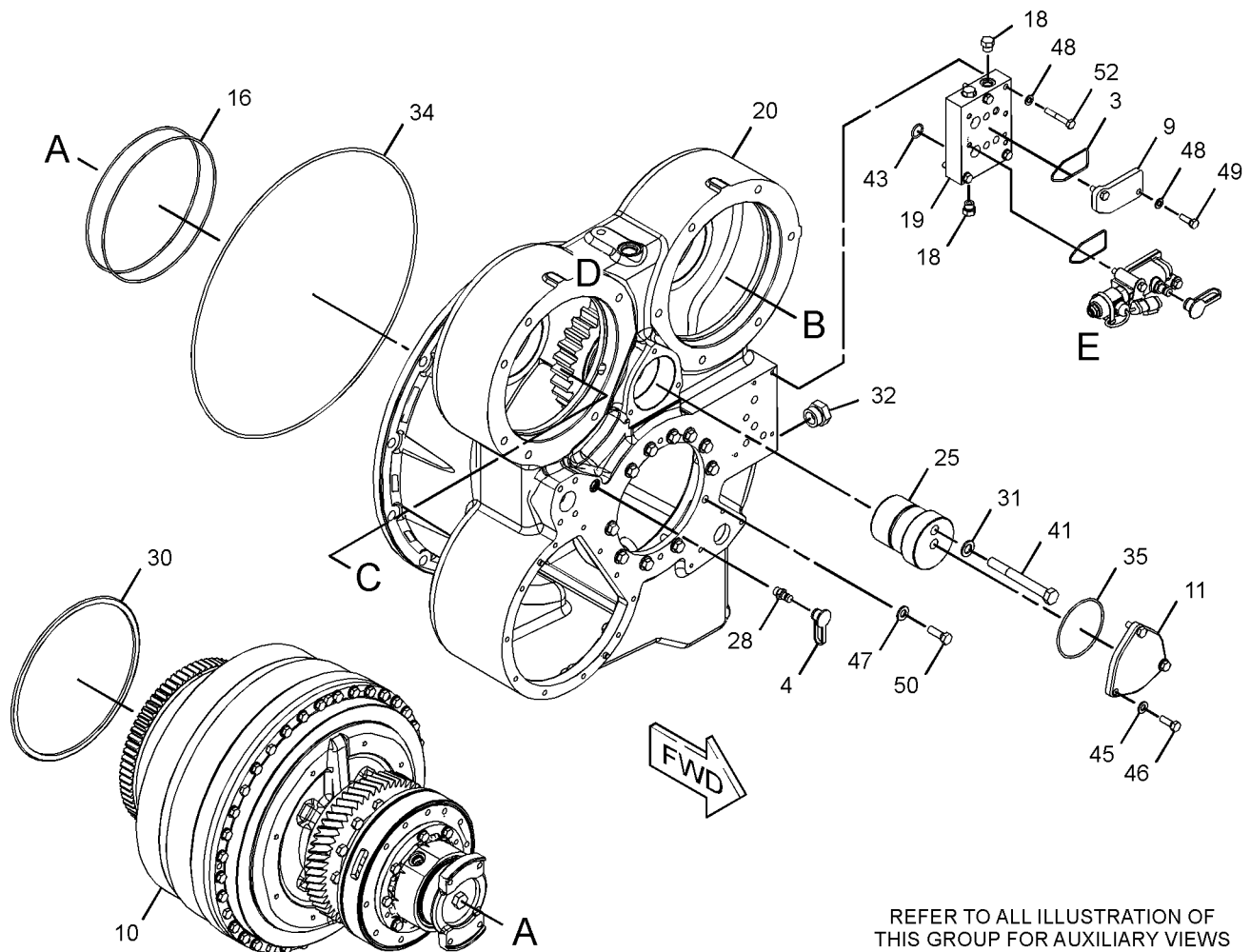
C-CHANGE FROM PREVIOUS TYPE

F-NOT SHOWN

M-METRIC PART

R-REMFG PART MAY BE AVAILABLE

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

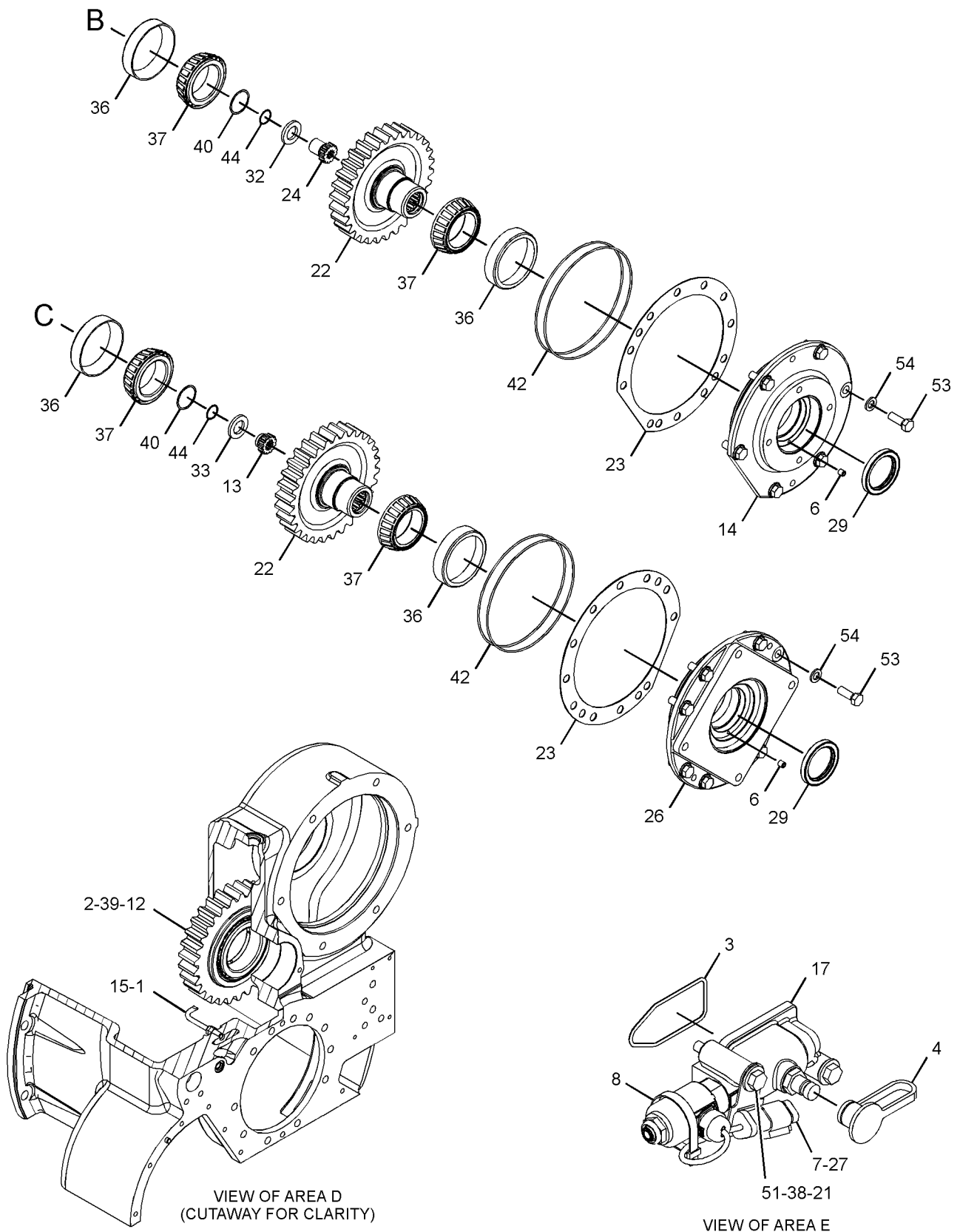
REFER TO ALL ILLUSTRATION OF THIS GROUP FOR AUXILIARY VIEWS

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POWER TRAIN

128-5303 TORQUE CONVERTER & HOUSING GP (contd.)

i03789469



GRAPHIC #2

<END>

g02061774

POWER TRAIN

231-7844 TORQUE CONVERTER AR

S/N: BXY1-UP

CANNOT BE USED WITH 231-7842 CONVERTER AR-LOCKUP CLUTCH
AN ATTACHMENT

SMCS-3101

i03090661

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	226-1971	1	LINES GP-DIAGNOSTIC (REMOTE PRESSURE TAPS) (TRANSMISSION, STANDARD TC)						2072
			S/N: BXY1-2171						
Y	311-7601	1	LINES GP-DIAGNOSTIC (REMOTE PRESSURE TAPS, XMSN, TC)						2081
			S/N: BXY2172-UP						
YR	128-5303	1	TORQUE CONVERTER & HOUSING GP						853
R-REMFG PART MAY BE AVAILABLE Y-SEPARATE ILLUSTRATION									

<END>

231-7842 TORQUE CONVERTER AR-LOCKUP

S/N: BXY1-UP

CANNOT BE USED WITH 231-7844-PAGE 859
AN ATTACHMENT

SMCS-3101

i03789471

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	226-1970	1	LINES GP-DIAGNOSTIC (REMOTE PRESSURE TAPS) (TMSN, LOCKUP TORQUE CONVERTER)						2067
			S/N: BXY1-2172						
Y	311-7600	1	LINES GP-DIAGNOSTIC (REMOTE PRESSURE TAPS)						2075
			S/N: BXY2173-UP						
Y	208-0545	1	SWITCH GP-ROCKER (TORQUE CONVERTER LOCKUP CLUTCH)						463
			S/N: BXY1-3999						
Y	346-3830	1	SWITCH GP-ROCKER (TORQUE CONVERTER LOCKUP)						464
			S/N: BXY4000-UP						
YR	126-5483	1	TORQUE CONVERTER & HOUSING GP (FREEWHEEL STATOR, LOCKUP)						846
Y	164-4856	1	VALVE & MTG GP-LOCKUP CLUTCH						876
			S/N: BXY1-3999						

<END>

POWER TRAIN

128-5302 TORQUE CONVERTER GP*R

S/N: 6AT1-UP

PART OF 128-5303 TORQUE CONVERTER & HOUSING GP
AN ATTACHMENT

SMCS-3101

i03509000

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	129-1598	1	CARRIER-SEAL	
	2	1	3T-6246	3	RING-SEAL	
	3	1	132-4452	1	GASKET	
	4	1	129-0822	1	RETAINER-BEARING	
M	5	1	8T-4195	8	BOLT (M10X1.5X30-MM)	
	6	1	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)	
	7	1	9X-4605	1	SEAL-LIP TYPE	
	8	1	155-2077	1	YOKE	
	9	1	8M-4989	1	SEAL-O-RING	
	10	1	9S-4372	1	RETAINER	
M	11	1	7X-2555	1	BOLT (M16X2X80-MM)	
	12	1	7F-6013	1	BALL BEARING	
	13	1	8J-6815	1	PLUG-ORIFICE	
	14	1	128-8795	1	CARRIER-STATOR	
	15	1	133-7134	1	RACE-BEARING	
	16	1	133-7133	1	RACE-ROLLER	
	17	1	131-7417	1	GEAR-DRIVE (57-TEETH)	
	18	1	6H-6043	1	RING-RETAINING	
M	19	1	8T-1158	8	BOLT-SOCKET HEAD (M8X1.25X20-MM)	
	20	1	3S-1284	1	RING-SEAL	
	21	1	336-9318	2	DISC-FRICTION	
	22	1	1T-1897	1	PLATE-CLUTCH	
	23	1	128-8704	1	PLATE-REACTION	
M	24	1	6V-5684	12	BOLT (M12X1.75X45-MM)	
	25	1	5P-8245	36	WASHER-HARD (13.5X25.5X3-MM THK)	
	26	1	6Y-0806	1	HUB-IMPELLER	
	27	1	2P-4470	1	CONVERTER	
M	30	1	6V-3668	24	BOLT (M12X1.75X30-MM)	
	31	1	9S-4368	2	RING-RETAINING	
	32	1	1T-0806	4	RETAINER-BEARING	
	33	1	1T-0786	4	BEARING-THRUST	
	34	1	1T-0807	6	RACE-THRUST BEARING	
	35	1	128-7115	1	HUB	
	36	1	128-7116	1	SHAFT-OUTPUT	
C	37	1	235-2418	1	HOUSING AS	
	38	1	1T-0795	3	RING-RETAINING	
	39	1	1T-0787	2	PLATE	
	40	1	133-6589	1	ADAPTER-STATOR	
	41	1	6Y-0803	1	STATOR-CONVERTER	
	42	1	9P-6476	1	IMPELLER-CONVERTER	
	43	1	1T-1401	1	RING-SEAL	
	44	1	132-4450	1	HOUSING AS-CLUTCH	
		1	0L-2061	2	DOWEL	
M	45	1	6V-5843	36	BOLT (M10X1.5X45-MM)	
	46	1	6V-5839	36	WASHER (11X21X2.5-MM THK)	
	47	1	132-4451	1	PISTON-CLUTCH	
	48	1	7G-0141	1	RING-SEAL	
	49	1	132-4463	1	SLEEVE	
	50	1	133-5587	1	ADAPTER AS	
		1	8E-2882	1	BEARING-SLEEVE	
		1	9M-4007	2	DOWEL	
M	51	1	6V-3823	12	BOLT (M12X1.75X60-MM)	
M	52	1	6V-4248	2	BOLT (M10X1.5X25-MM)	
	53	1	2R-0239	1	SEAL-O-RING	
	54	1	172-0084	1	SPACER	

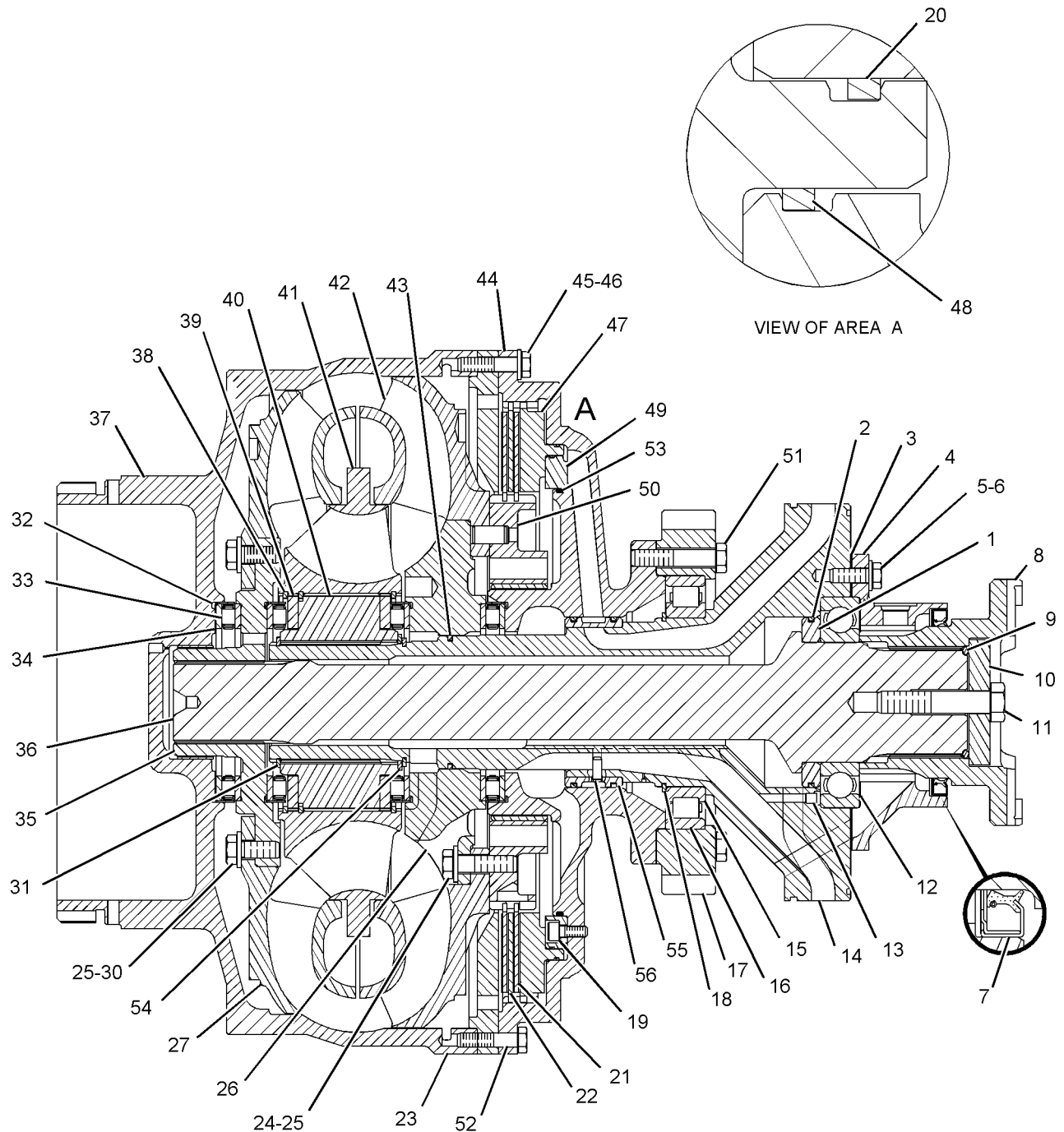
POWER TRAIN

128-5302 TORQUE CONVERTER GP (contd.)

i03509000

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	55	1	108-4441	1	CARRIER-RING						
	56	1	2H-2255	1	DOWEL						

C-CHANGE FROM PREVIOUS TYPE
M-METRIC PART



g01128839

POWER TRAIN

231-2307 TORQUE CONVERTER GP-LOCKUP*R

S/N: TCR1-UP

PART OF 126-5483 TORQUE CONVERTER & HOUSING GP
AN ATTACHMENT

SMCS-3101

i03353240

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1, 2	1T-0787	2	PLATE						
	2	1, 2	1T-0795	3	RING-RETAINING						
	3	1, 2	1T-0806	3	RETAINER-BEARING						
	4	1, 2	1T-0807	4	RACE-THRUST BEARING						
	5	1	1T-0847	1	LOCK PIN						
	6	1	1T-0887	2	DISC AS-CLUTCH						
	7	1	1T-0895	1	RING-RETAINING						
	8	1	1T-0896	1	RING-RETAINING						
	9	1	1T-0936	1	PLUG-PIPE						
	10	1	1T-1315	2	PLATE-CLUTCH						
	11	2	1T-1401	1	RING-SEAL						
	12	1	1T-1426	1	PISTON-LOCKUP CLUTCH						
	13	1	1T-1617	1	PLATE-RETAINER						
	14	2	1T-1897	1	PLATE-CLUTCH						
	15	1	2P-4470	1	CONVERTER						
	16	2	2R-0239	1	SEAL-O-RING						
	17	2	3S-1284	1	RING-SEAL						
	18	3	3T-6246	4	RING-SEAL						
	19	1	6P-9553	1	PLATE-CLUTCH BACKING						
	20	1	6Y-0802	1	ADAPTER-CLUTCH						
	21	2	6Y-0803	1	STATOR-CONVERTER						
	22	2	6Y-0806	1	HUB-IMPELLER						
	23	3	6Y-1414	1	CARRIER-RING						
	24	1, 2	7G-0141	2	RING-SEAL						
	25	2	8E-8328	2	DISC-FRICTION						
	26	3	8J-6815	1	PLUG-ORIFICE						
	27	1	8S-3371	1	RING-SEAL						
	28	2	9P-6476	1	IMPELLER-CONVERTER						
	29	3	9S-4372	1	RETAINER						
	30	3	108-4441	1	CARRIER-RING						
	31	3	127-1001	1	SHAFT-OUTPUT						
	32	1	128-7348	1	HUB						
	33	2	128-8704	1	PLATE-REACTION						
	34	3	128-8795	1	CARRIER-STATOR						
	35	3	129-0822	1	RETAINER-BEARING						
	36	3	131-7417	1	GEAR-DRIVE (57-TEETH)						
	37	2	132-4450	1	HOUSING AS-CLUTCH						
		2	0L-2061	2	DOWEL						
	38	2	132-4451	1	PISTON-CLUTCH						
	39	3	132-4452	1	GASKET						
	40	1	132-4457	1	COVER						
	41	2	132-4463	1	SLEEVE						
	42	2	133-5587	1	ADAPTER AS						
		2	8E-2882	1	BEARING-SLEEVE						
		2	9M-4007	2	DOWEL						
	43	3	155-2077	1	YOKE						
	44	1	235-2415	1	HOUSING-CLUTCH						
	45	2	304-8401	1	ADAPTER-STATOR						
	46	3	133-7133	1	RACE-ROLLER						
	47	3	133-7134	1	RACE-BEARING						
	48	1, 2	1T-0786	3	BEARING-THRUST						
	49	1	1T-1356	1	RING-SEAL						
	50	1	1T-1616	1	WASHER-SPRING (54.9X86.4X6.1-MM)						
	51	3	2H-2255	1	DOWEL						
	52	2	5P-8245	12	WASHER-HARD (13.5X25.5X3-MM THK)						

POWER TRAIN

231-2307 TORQUE CONVERTER GP (contd.)

i03353240

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	53	3	6H-6043	1	RING-RETAINING	
M	54	1, 3	6V-3823	14	BOLT (M12X1.75X60-MM)	
M	55	1	6V-4248	8	BOLT (M10X1.5X25-MM)	
M	56	2	6V-5684	12	BOLT (M12X1.75X45-MM)	
	57	2	6V-5839	36	WASHER (11X21X2.5-MM THK)	
M	58	2	6V-5843	36	BOLT (M10X1.5X45-MM)	
	59	1	309-8477	1	BALL BEARING	
	60	3	7F-6013	1	BALL BEARING	
M	61	3	7X-2555	1	BOLT (M16X2X80-MM)	
	62	3	8M-4989	1	SEAL-O-RING	
M	63	1	8T-0273	24	BOLT-SOCKET HEAD (M12X1.75X40-MM)	
M	64	2	8T-1158	8	BOLT-SOCKET HEAD (M8X1.25X20-MM)	
	65	3	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)	
M	66	3	8T-4195	8	BOLT (M10X1.5X30-MM)	
	67	1, 2	9S-4368	2	RING-RETAINING	
	68	3	9X-4605	1	SEAL-LIP TYPE	

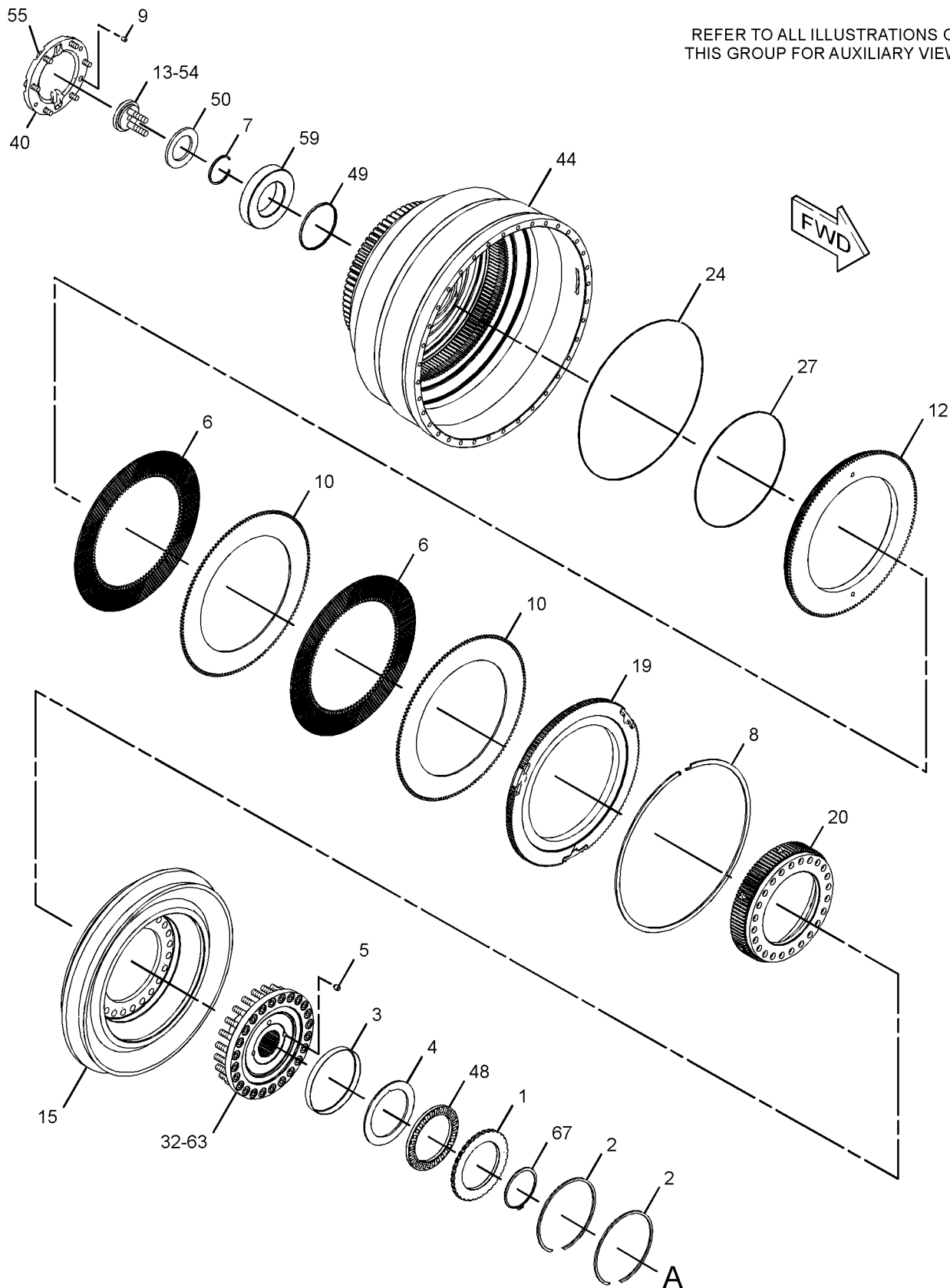
M-METRIC PART

POWER TRAIN

231-2307 TORQUE CONVERTER GP (contd.)

i03353240

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



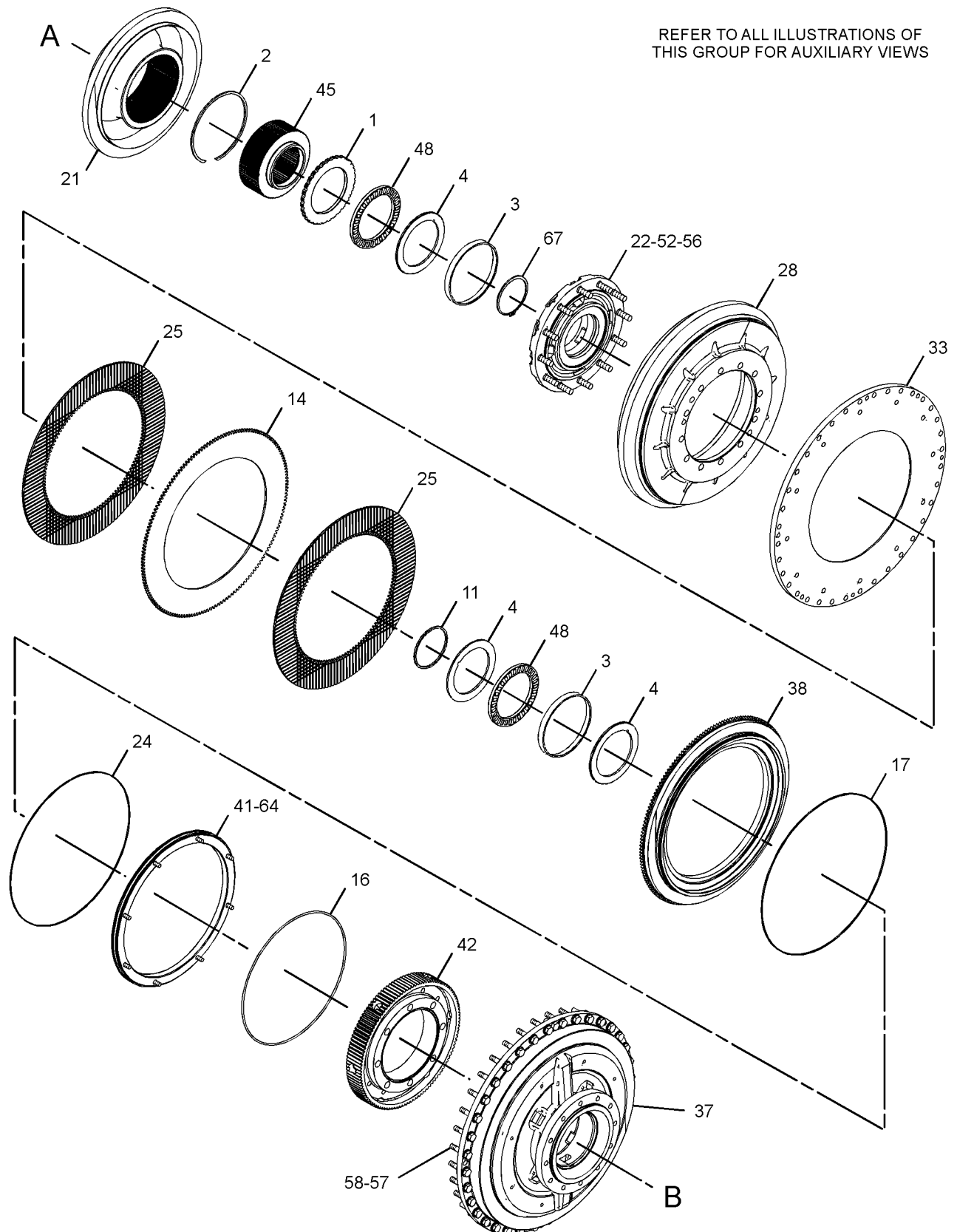
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g01357337

POWER TRAIN

231-2307 TORQUE CONVERTER GP (contd.)

i03353240



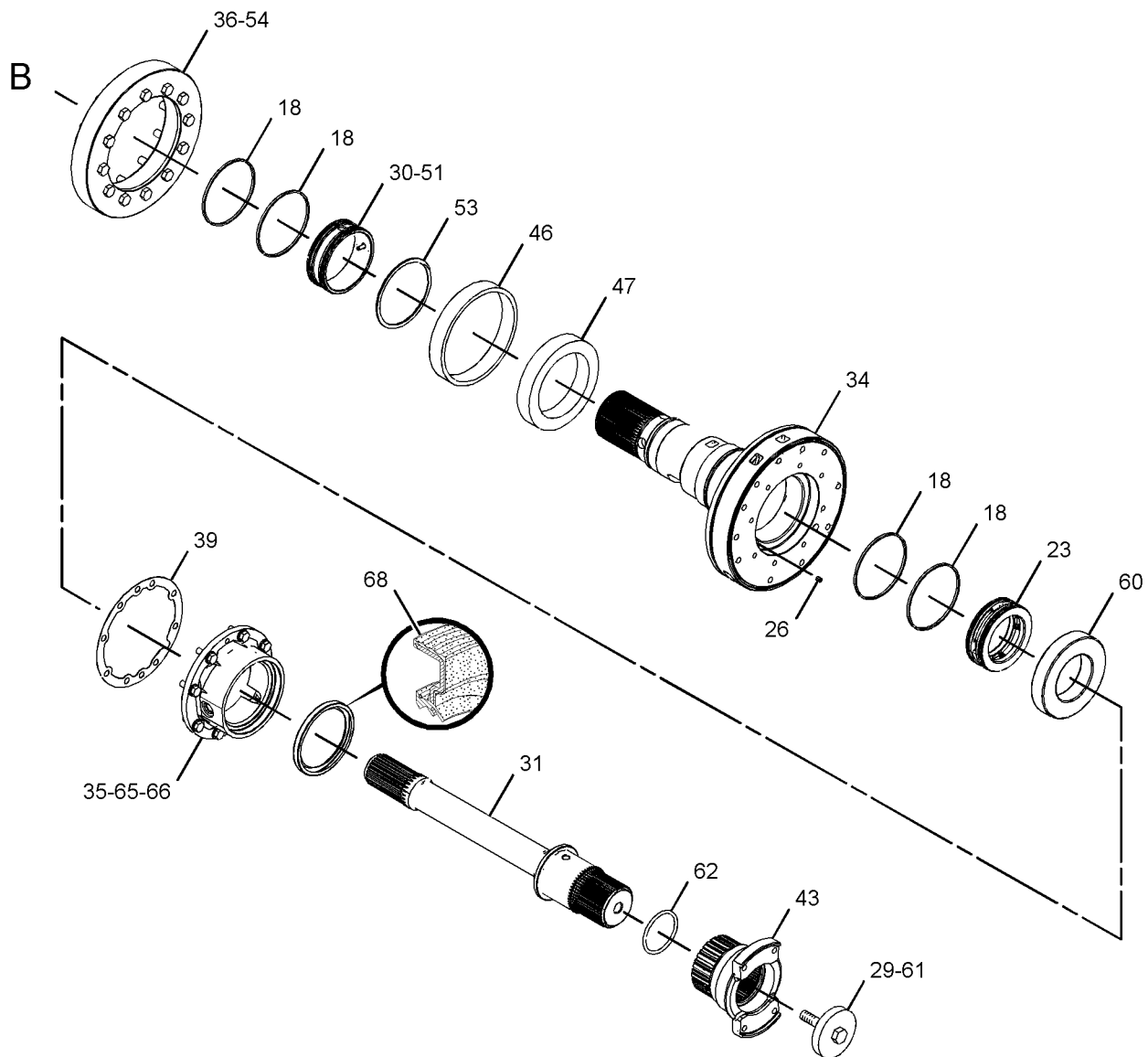
GRAPHIC #2

g01357338

POWER TRAIN

231-2307 TORQUE CONVERTER GP (contd.)

i03353240



GRAPHIC #3

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POWER TRAIN

322-5504 TORQUE CONVERTER GP

S/N: BXY1-UP

PART OF 126-5483 TORQUE CONVERTER & HOUSING GP
AN ATTACHMENT

SMCS-3101

i03509021

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1, 2	1T-0787	2	PLATE						
	2	1, 2	1T-0795	3	RING-RETAINING						
	3	1, 2	1T-0806	4	RETAINER-BEARING						
	4	1, 2	1T-0807	6	RACE-THRUST BEARING						
	5	1	336-9313	2	DISC-FRICTION						
	6	1	1T-0896	1	RING-RETAINING						
	7	1	1T-1315	2	PLATE-CLUTCH						
	8	2	1T-1401	1	RING-SEAL						
	9	1	1T-1426	1	PISTON-LOCKUP CLUTCH						
	10	2	1T-1897	1	PLATE-CLUTCH						
	11	1	2G-8741	1	RING-METAL SEAL						
	12	1	2P-4470	1	CONVERTER						
	13	2	2R-0239	1	SEAL-O-RING						
	14	2	3S-1284	1	RING-SEAL						
	15	2, 3	3T-6246	4	RING-SEAL						
	16	1	6P-9553	1	PLATE-CLUTCH BACKING						
	17	1	6Y-0798	1	COVER						
	18	1	6Y-0799	1	HOUSING AS-CLUTCH						
		1	1T-0766	1	BEARING-SLEEVE						
	19	1	6Y-0802	1	ADAPTER-CLUTCH						
	20	2	6Y-0803	1	STATOR-CONVERTER						
	21	2	6Y-0806	1	HUB-IMPELLER						
	22	1	6Y-1354	1	HUB						
	23	3	6Y-1414	1	CARRIER-RING						
	24	1, 2	7G-0141	2	RING-SEAL						
	25	2	336-9318	2	DISC-FRICTION						
	26	3	8J-6815	1	PLUG-ORIFICE						
	27	1	8S-3371	1	RING-SEAL						
	28	2	9P-6476	1	IMPELLER-CONVERTER						
	29	3	9S-4372	1	RETAINER						
	30	2	108-4441	1	CARRIER-RING						
	31	2	128-8704	1	PLATE-REACTION						
	32	3	128-8795	1	CARRIER-STATOR						
	33	3	129-0822	1	RETAINER-BEARING						
	34	3	131-7417	1	GEAR-DRIVE (57-TEETH)						
	35	2	132-4450	1	HOUSING AS-CLUTCH						
		2	0L-2061	2	DOWEL						
	36	2	132-4451	1	PISTON-CLUTCH						
	37	3	132-4452	1	GASKET						
	38	2	132-4463	1	SLEEVE						
	39	2	133-5587	1	ADAPTER AS						
		2	8E-2882	1	BEARING-SLEEVE						
		2	9M-4007	2	DOWEL						
	40	1	133-6589	1	ADAPTER-STATOR						
	41	3	155-2077	1	YOKE						
	42	3	322-5505	1	SHAFT-OUTPUT						
	43	2	133-7133	1	RACE-ROLLER						
	44	2	133-7134	1	RACE-BEARING						
	45	2	172-0084	1	SPACER						
	46	1, 2	1T-0786	4	BEARING-THRUST						
	47	3	2H-2255	1	DOWEL						
	48	2	5P-8245	12	WASHER-HARD (13.5X25.5X3-MM THK)						
	49	2	6H-6043	1	RING-RETAINING						
M	50	1	6V-1820	6	BOLT (M10X1.5X30-MM)						
M	51	3	6V-3823	12	BOLT (M12X1.75X60-MM)						

POWER TRAIN

322-5504 TORQUE CONVERTER GP (contd.)

i03509021

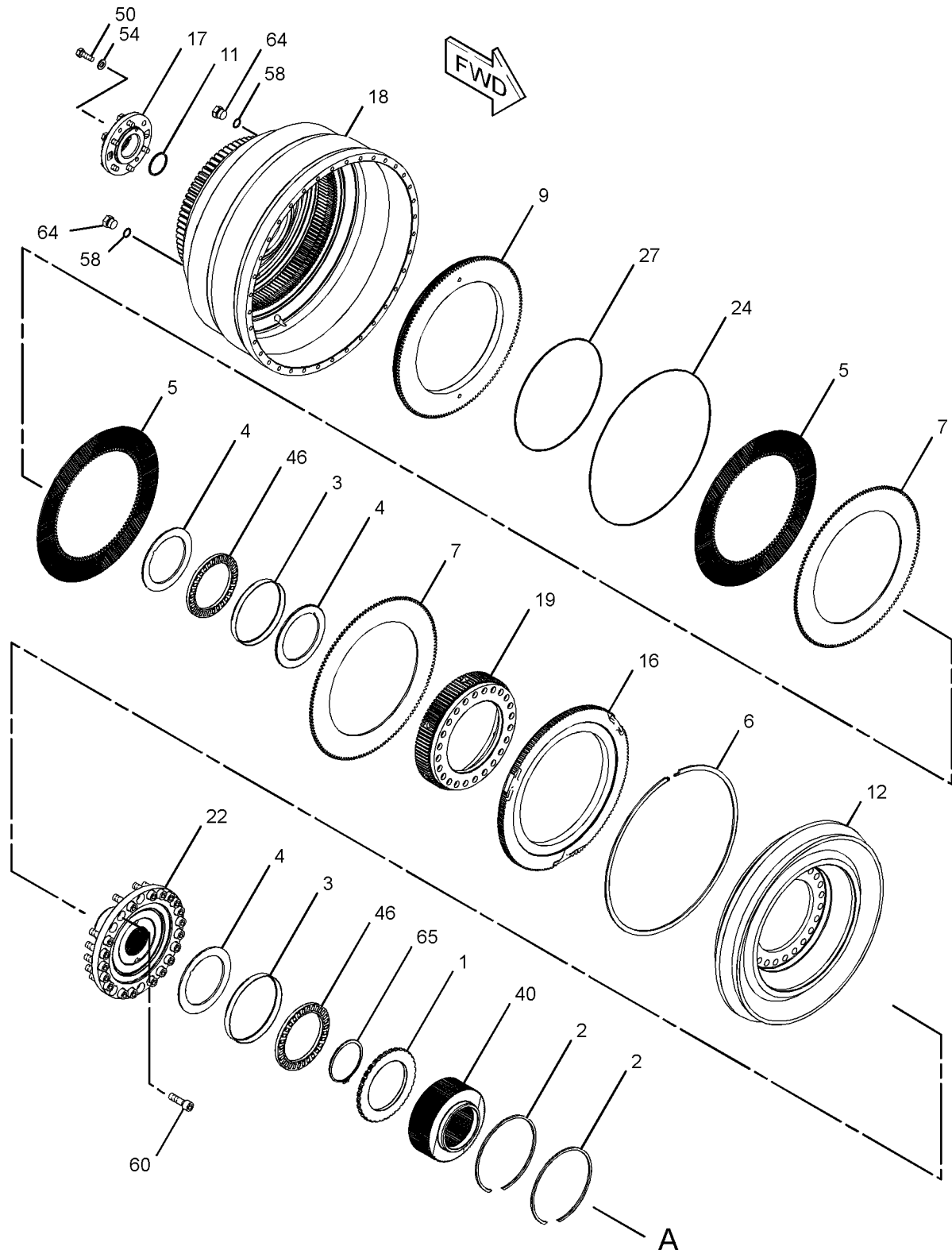
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	52	2	6V-4248	2	BOLT (M10X1.5X25-MM)						
M	53	2	6V-5684	12	BOLT (M12X1.75X45-MM)						
	54	1, 2	6V-5839	42	WASHER (11X21X2.5-MM THK)						
M	55	2	6V-5843	36	BOLT (M10X1.5X45-MM)						
	56	3	7F-6013	1	BALL BEARING						
M	57	3	7X-2555	1	BOLT (M16X2X80-MM)						
	58	1	8L-2786	2	SEAL-O-RING						
	59	3	8M-4989	1	SEAL-O-RING						
M	60	1	8T-0273	24	BOLT-SOCKET HEAD (M12X1.75X40-MM)						
M	61	2	8T-1158	8	BOLT-SOCKET HEAD (M8X1.25X20-MM)						
	62	3	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)						
M	63	3	8T-4195	8	BOLT (M10X1.5X30-MM)						
	64	1	9S-4185	2	PLUG-O-RING						
	65	1, 2	9S-4368	2	RING-RETAINING						
	66	3	9X-4605	1	SEAL-LIP TYPE						
M-METRIC PART											

POWER TRAIN

322-5504 TORQUE CONVERTER GP (contd.)

i03509021

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



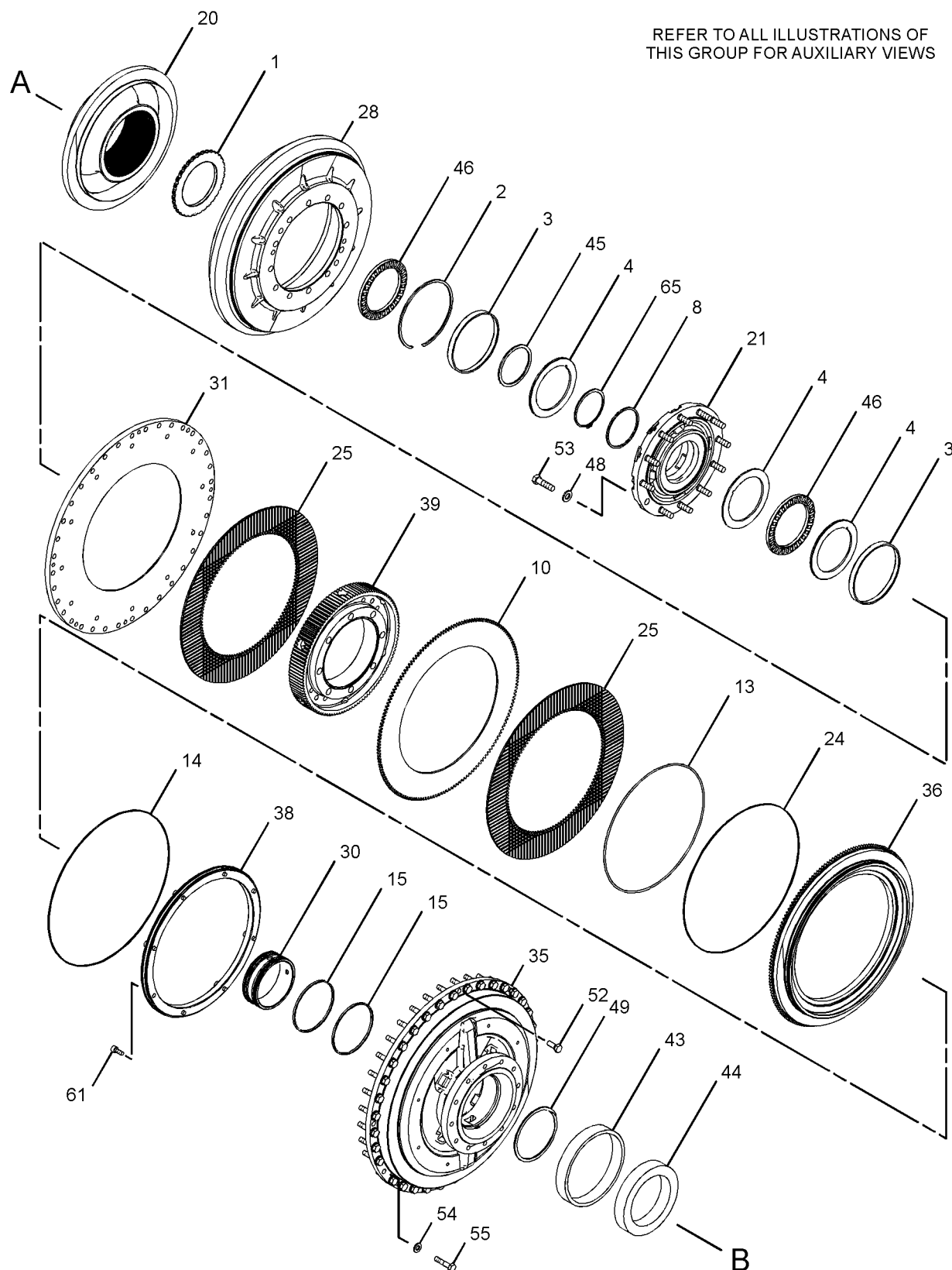
GRAPHIC #1

g01566423

POWER TRAIN

322-5504 TORQUE CONVERTER GP (contd.)

i03509021



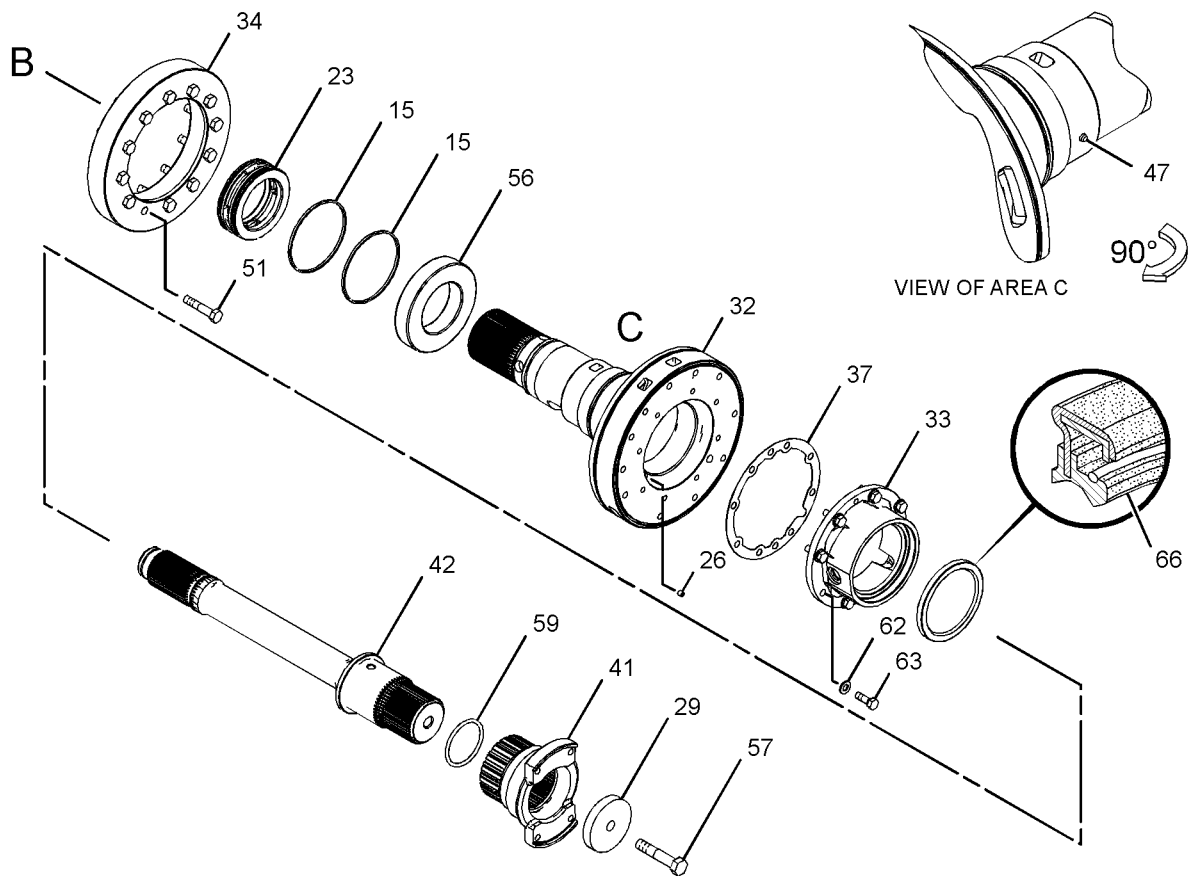
GRAPHIC #2

g01566422

POWER TRAIN

322-5504 TORQUE CONVERTER GP (contd.)

i03509021



GRAPHIC #3

<END>

g01566424

POWER TRAIN

230-6315 TRANSMISSION AR

S/N: DRT1-UP

PART OF 225-5455 POWER TRAIN AR

SMCS-3030

i02137935

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	230-6317	1	CASE & PARTS GP-PLANETARY						679
Y	230-6318	1	CONTROL GP-TRANSMISSION HYD						680
Y	232-0209	1	COVER GP-TRANSMISSION						710
Y	232-1104	1	GEAR GP-INPUT TRANSFER						727
Y	133-8116	1	GEAR GP-OUTPUT TRANSFER						730
Y	230-6316	1	PLANETARY GP-TRANSMISSION						811

Y-SEPARATE ILLUSTRATION

<END>

261-1463 TRANSMISSION AR-STEEL MILL

S/N: SMA114-UP

CUSTOM

PART OF 2Q-8722, 2Q-8733, 2Q-8744, 2Q-8749, 2Q-8752, 2Q-8753 STEEL MILL AR
AN ATTACHMENT

SMCS-3030

i02418884

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	230-6317	1	CASE & PARTS GP-PLANETARY						679
Y	261-2893	1	CONTROL GP-TRANSMISSION HYD						684
Y	232-0209	1	COVER GP-TRANSMISSION						710
Y	232-1104	1	GEAR GP-INPUT TRANSFER						727
Y	133-8116	1	GEAR GP-OUTPUT TRANSFER						730
Y	230-6316	1	PLANETARY GP-TRANSMISSION						811

Y-SEPARATE ILLUSTRATION

<END>

POWER TRAIN

136-1747 UNIVERSAL JOINT GP*R

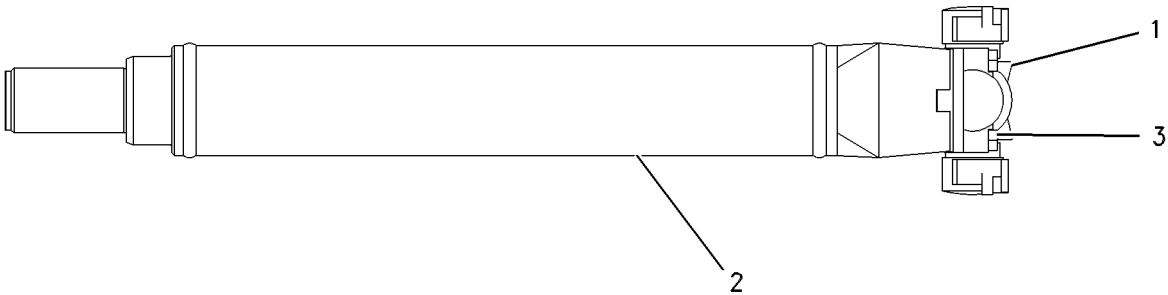
S/N: BXY1-UP

PART OF 136-1722 SHAFT GP-DRIVE

SMCS-3251, 3253

i00939835

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	106-0933	1	SPIDER & BEARING GP	
	2	1	136-1748	1	SHAFT	
M	3	1	8T-0281	4	BOLT (M16X2X80-MM)	
M-METRIC PART						



GRAPHIC #1

<END>

g00511742

POWER TRAIN

136-1749 UNIVERSAL JOINT GP*R

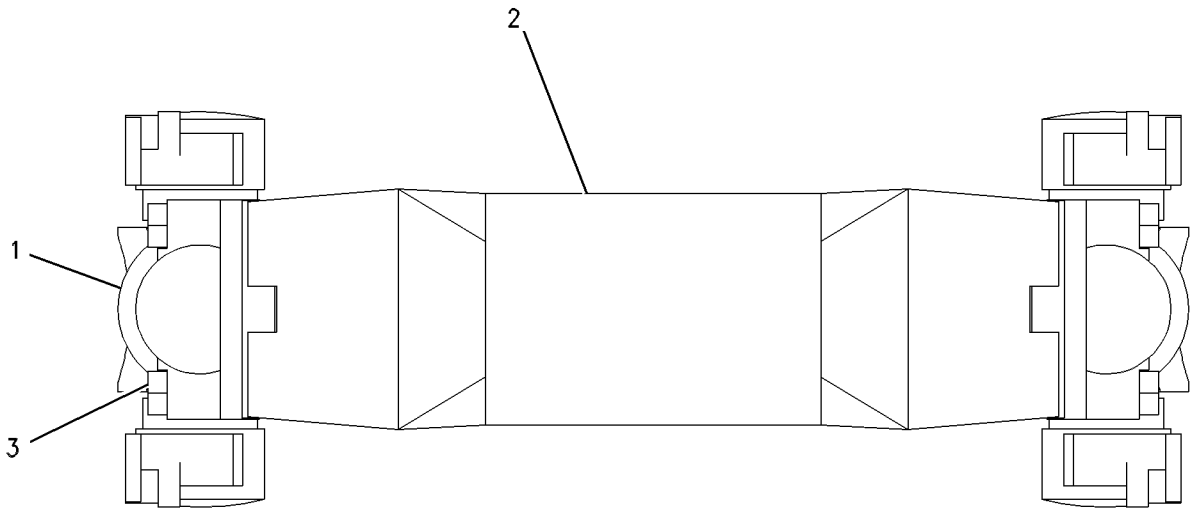
S/N: BXY1-UP

PART OF 136-1722 SHAFT GP-DRIVE

SMCS-3251, 3253

i00939832

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	106-0933	2	SPIDER & BEARING GP						
	2	1	136-1750	1	SHAFT AS						
M	3	1	8T-0281	8	BOLT (M16X2X80-MM)						
M-METRIC PART											



GRAPHIC #1

<END>

g00509536

POWER TRAIN

136-1755 UNIVERSAL JOINT GP-INPUT DRIVE SHAFT

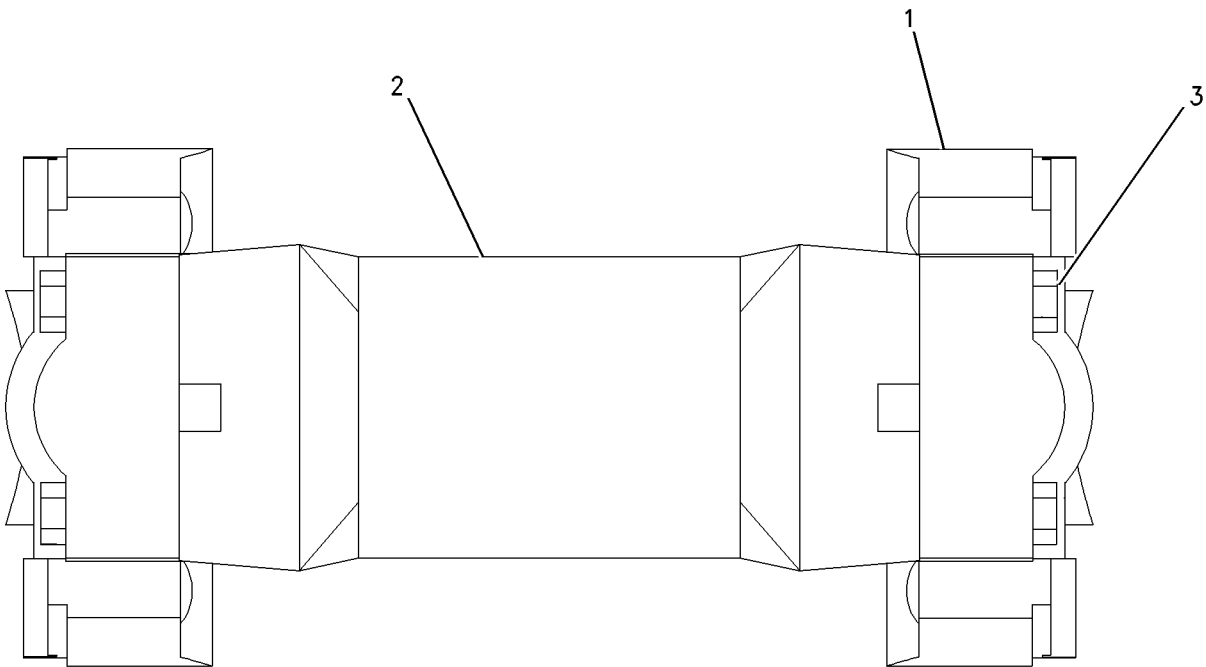
S/N: BXY1-UP

PART OF 136-1754 SHAFT GP-INPUT DRIVE

SMCS-3251, 3253

i01626185

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2T-3013	2	SPIDER & BEARING GP						
	2	1	136-1756	1	SHAFT						
M	3	1	6V-3823	8	BOLT (M12X1.75X60-MM)						
M-METRIC PART											



GRAPHIC #1

<END>

g00838821

POWER TRAIN

164-4856 VALVE & MTG GP-LOCKUP CLUTCH

S/N: BXY1-3999

PART OF 231-7842 TORQUE CONVERTER AR-LOCKUP
AN ATTACHMENT

SMCS-3124, 3139

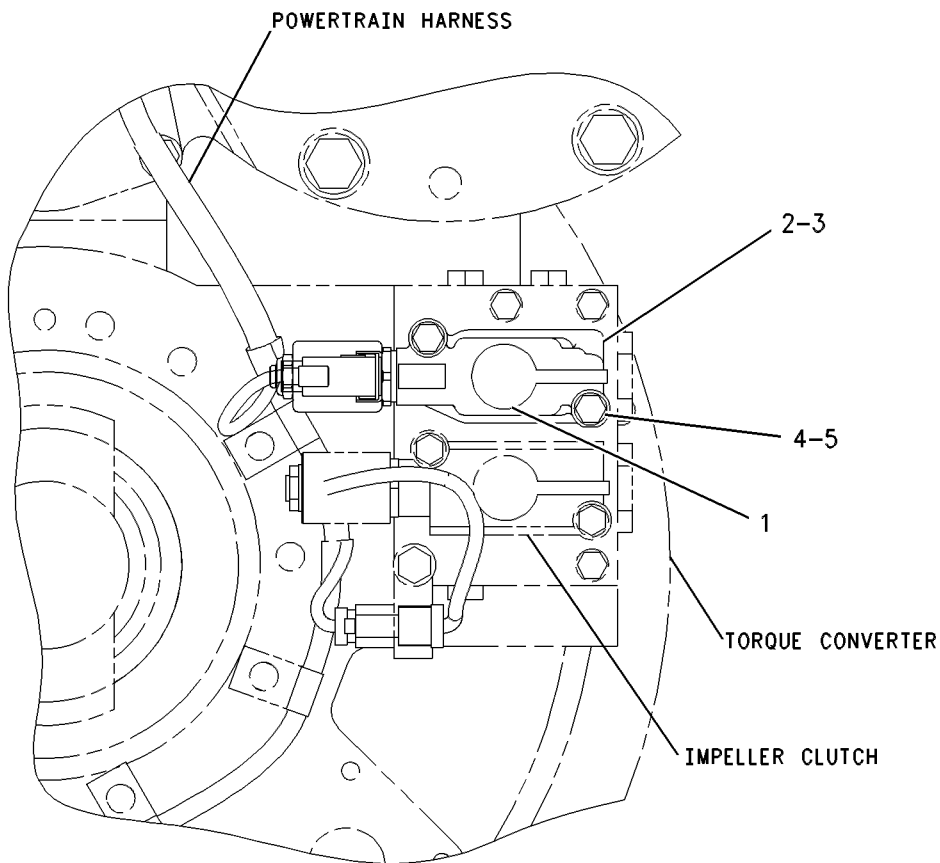
i01795218

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						
CY	2	1	216-5342	1	VALVE GP-MODULATING (24-VOLT) (TC LOCKUP CLUTCH)						878
	3	1	6D-7889	1	SEAL-O-RING						
	4	1	8T-4224	2	WASHER-HARD (8.8X16X2-MM THK)						
M	5	1	8T-6869	2	BOLT (M8X1.25X60-MM)						

C-CHANGE FROM PREVIOUS TYPE

M-METRIC PART

Y-SEPARATE ILLUSTRATION



FRONT VIEW

GRAPHIC #1

<END>

g00545867

POWER TRAIN

176-6448 VALVE GP-CHECK-AXLE OIL COOLER FILTER BYPASS

S/N: BXY1100-UP

**PART OF 257-7815 COOLER & FAN GP-AXLE OIL
AN ATTACHMENT**

SMCS-5067

i01871153

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	3D-2824	1	SEAL-O-RING						
	6V-9746	1	SEAL-O-RING						
	9T-3752	1	VALVE AS-CHECK (STEERING)						
<END>									

POWER TRAIN

216-5342 VALVE GP-MODULATING- TORQUE CONVERTER LOCKUP CLUTCH

S/N: BXY1-UP

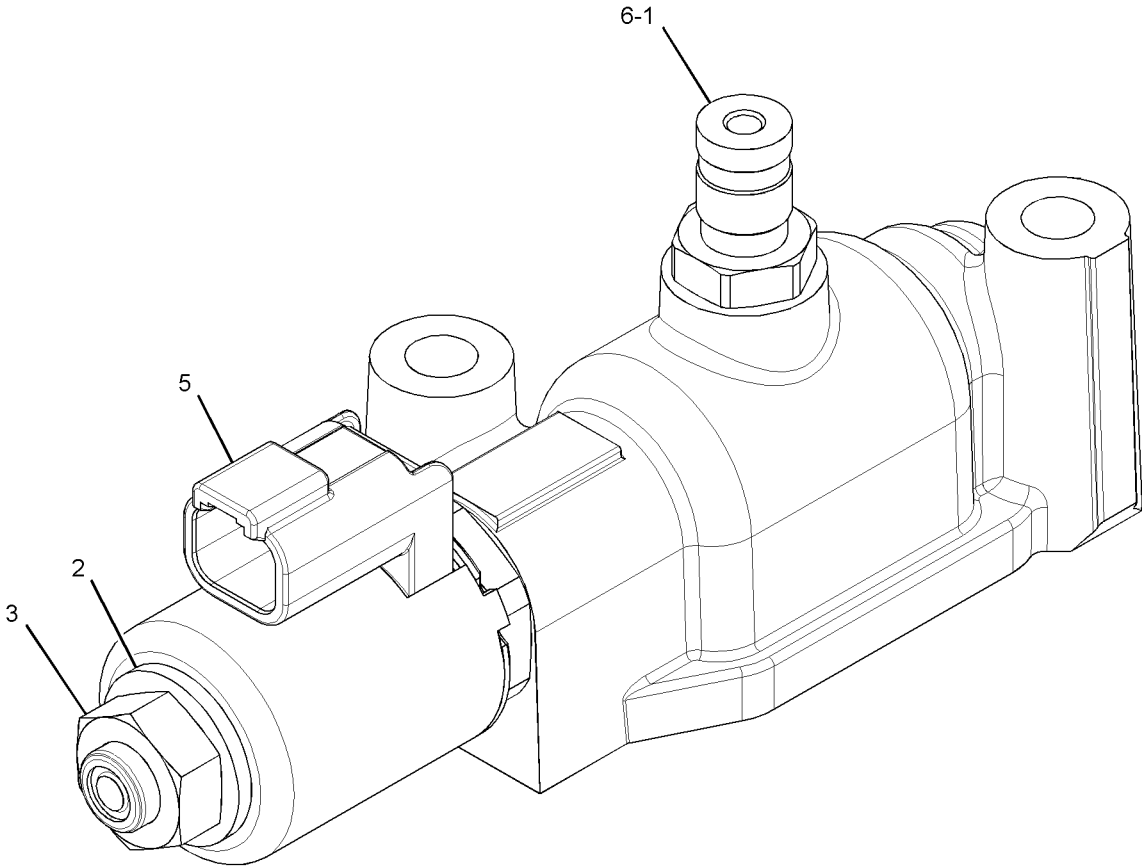
24-VOLT

PART OF 126-5483 TORQUE CONVERTER & HOUSING GP, 164-4856 VALVE & MTG
GP-LOCKUP CLUTCH
AN ATTACHMENT

SMCS-3139

i03367563

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	164-2108	1	WASHER (13.03X25.4X2.38-MM THK)						
	3	1	218-2373	1	NUT (1/2-28-THD)						
	5	1	323-9531	1	COIL AS						
	6	1	214-7568	1	SEAL-O-RING						



GRAPHIC #1

<END>

g01819715

POWER TRAIN

217-2708 VALVE GP-MODULATING-TC IMPELLER CLUTCH

S/N: BXY1-3999

24-VOLT

PART OF 126-5483, 128-5303 TORQUE CONVERTER & HOUSING GP, 227-5373, 284-3003

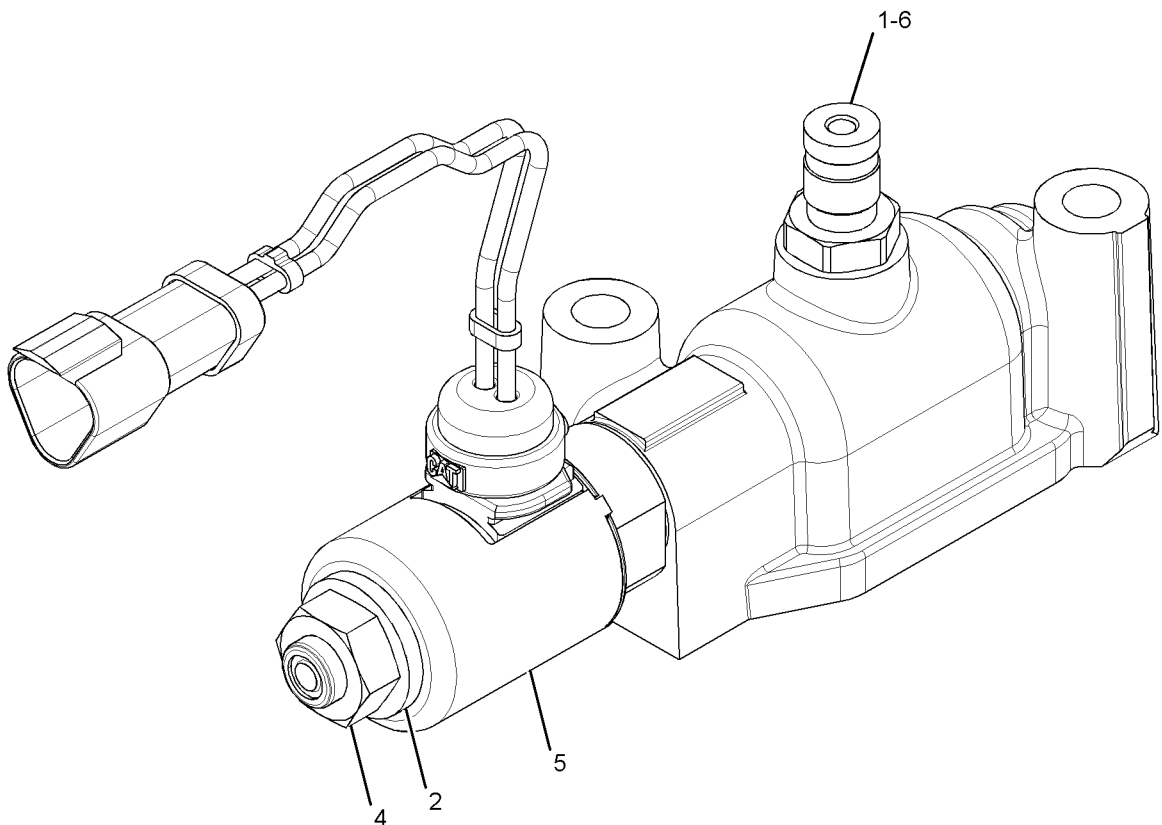
WIRING GP-POWER TRAIN

ALSO AN ATTACHMENT

SMCS-3139

i03367622

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	187-2710	1	WASHER						
	4	1	218-2373	1	NUT (1/2-28-THD)						
	5	1	245-7465	1	COIL AS						
		1	1S-9593	2	STRAP-CABLE						
		1	8T-8737	1	PLUG-SEAL						
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	186-3735	1	PIN-CONNECTOR (16-GA TO 18-GA)						
	6	1	214-7568	1	SEAL-O-RING						



GRAPHIC #1

<END>

g01819717

POWER TRAIN

244-3114 VALVE GP-MODULATING-TRANSMISSION CLUTCH

S/N: SMA114-UP; DRT1-UP

24-VOLT

PART OF 230-6318, 261-2893 CONTROL GP-TRANSMISSION HYD

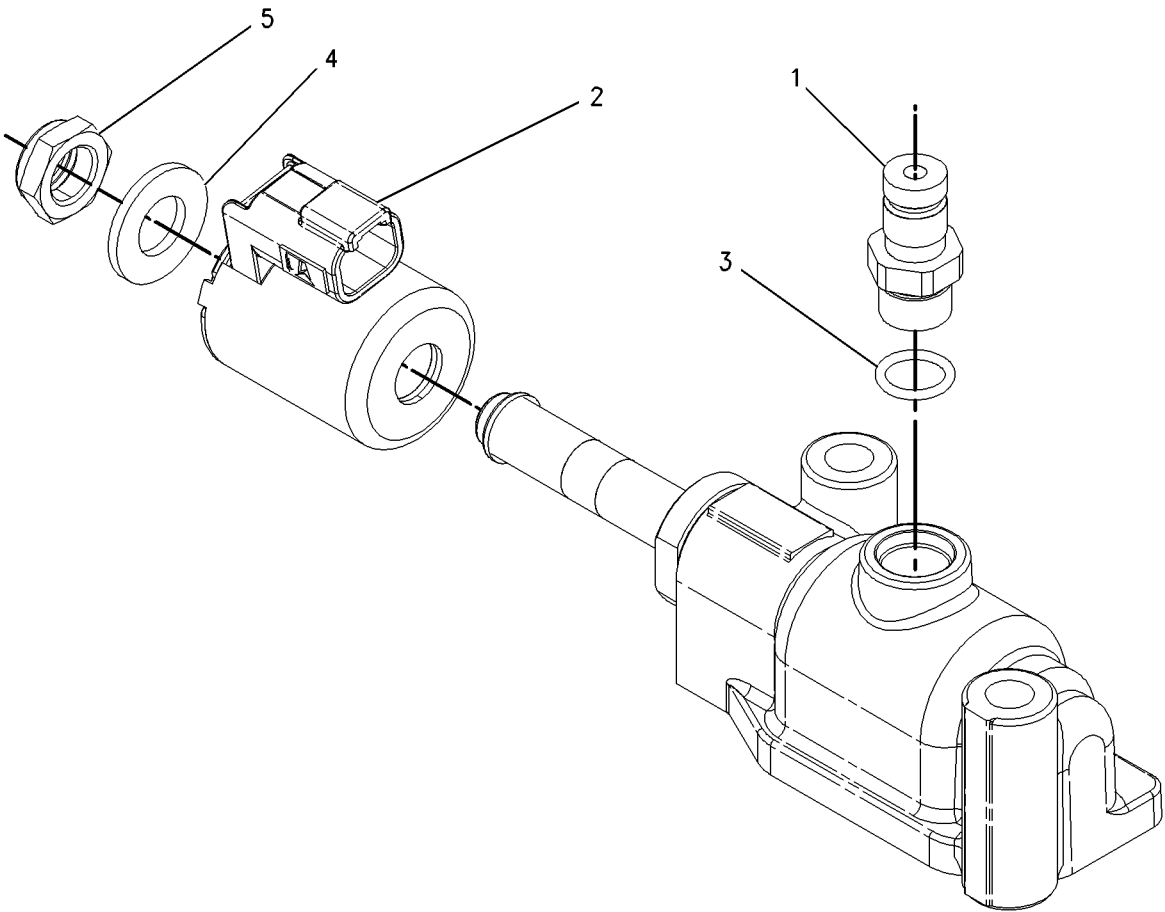
ALSO AN ATTACHMENT

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

104-5013 VALVE GP-RELIEF-TORQUE CONVERTER OUTLET

S/N: BXY1-UP

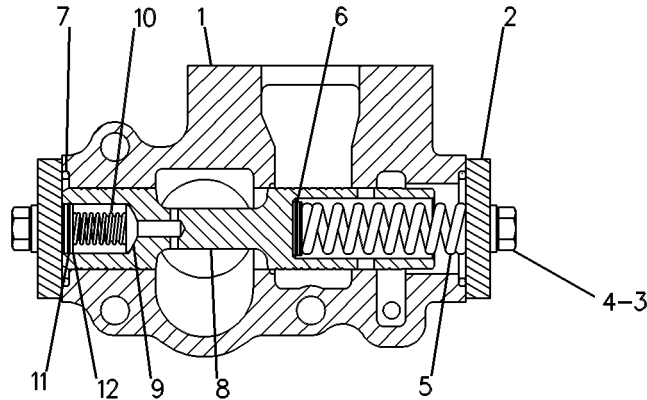
PART OF 225-6709, 345-3936 LINES GP-POWER TRAIN OIL

SMCS-3133, 3182, 3210, 3213, 5069, 5117

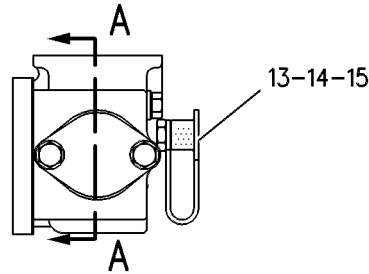
i00174173

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	104-5014	1	BODY-RELIEF VALVE						
	2	1	4M-8239	2	COVER						
	3	1	0S-1594	4	BOLT (3/8-16X1-IN)						
	4	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	5	1	8M-8627	1	SPRING						
B	6	1	5M-9622	2	SHIM (1.6-MM THK)						
B		1	5M-9623	3	SHIM (0.9-MM THK)						
B		1	5M-9624	1	SHIM (0.25-MM THK)						
	7	1	8M-4986	2	SEAL-O-RING						
	8	1	2P-4538	1	SPOOL AS-RELIEF						
	9	1	9M-4313	1	POPPET						
	10	1	5M-9548	1	SPRING						
	11	1	1L-3162	1	RING-RETAINING						
	12	1	8M-2537	1	RETAINER						
	13	1	6V-0852	1	CAP-DUST						
	14	1	3J-1907	1	SEAL-O-RING						
	15	1	6V-3965	1	FITTING (QUICK DISCONNECT)						

B-USE AS REQUIRED



SECTION A-A



GRAPHIC #1

<END>

g00122362

POWER TRAIN

233-1704 VALVE GP-RELIEF-TRANSMISSION HYDRAULIC CONTROL

S/N: SMA114-146; DRT1-1609

PART OF 230-6318, 261-2893 CONTROL GP-TRANSMISSION HYD
ALSO AN ATTACHMENT

SMCS-3133, 3182, 3210, 3213

i02867367

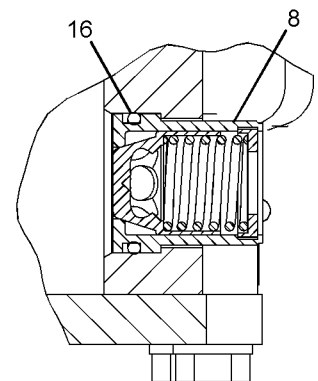
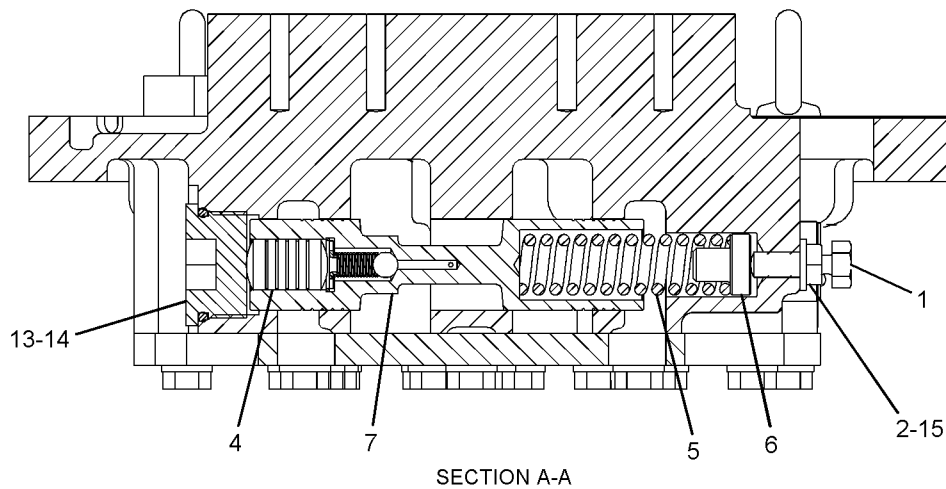
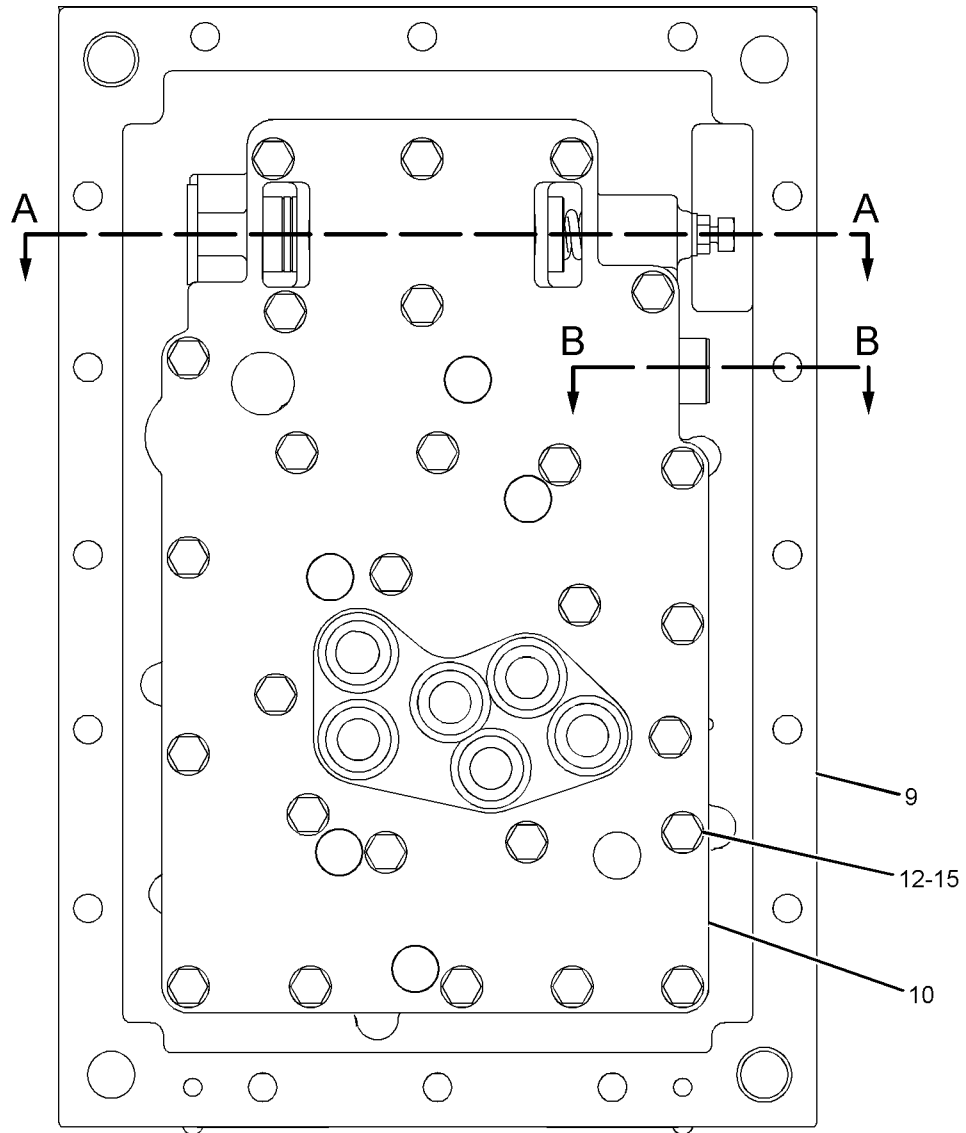
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4M-5905	1	SCREW-ADJUSTMENT (5/16-18X1-IN)						
	2	1	5B-3180	1	NUT (5/16-18-THD)						
	4	1	9W-5568	1	SLUG						
	5	1	106-9212	1	SPRING						
	6	1	109-3969	1	STOP						
	7	1	133-6567	1	SPOOL AS-RELIEF						
		1	3D-8317	1	RING-RETAINING						
		1	4B-9880	1	BALL						
		1	4M-2381	1	SPRING						
		1	8M-1013	1	RETAINER						
	8	1	148-1928	1	VALVE-RELIEF (TORQUE CONVERTER INLET)						
	9	1	229-7316	1	MANIFOLD						
	10	1	231-4781	1	PLATE						
M	12	1	6V-2317	27	BOLT (M8X1.25X30-MM)						
	13	1	6Y-4638	1	PLUG-HEX SOCKET (1-5/16-12-THD)						
	14	1	7M-8485	1	SEAL-O-RING						
	15	1	9M-1974	28	WASHER-HARD (8.8X16X2-MM THK)						
	16	1	9X-4609	1	SEAL-O-RING						

M-METRIC PART

POWER TRAIN

233-1704 VALVE GP-RELIEF (contd.)

i02867367



GRAPHIC #1

SECTION A-A

<END>

SECTION B-B

g01018272

POWER TRAIN

149-2610 VALVE GP-SOLEN0ID

S/N: BXY1-UP

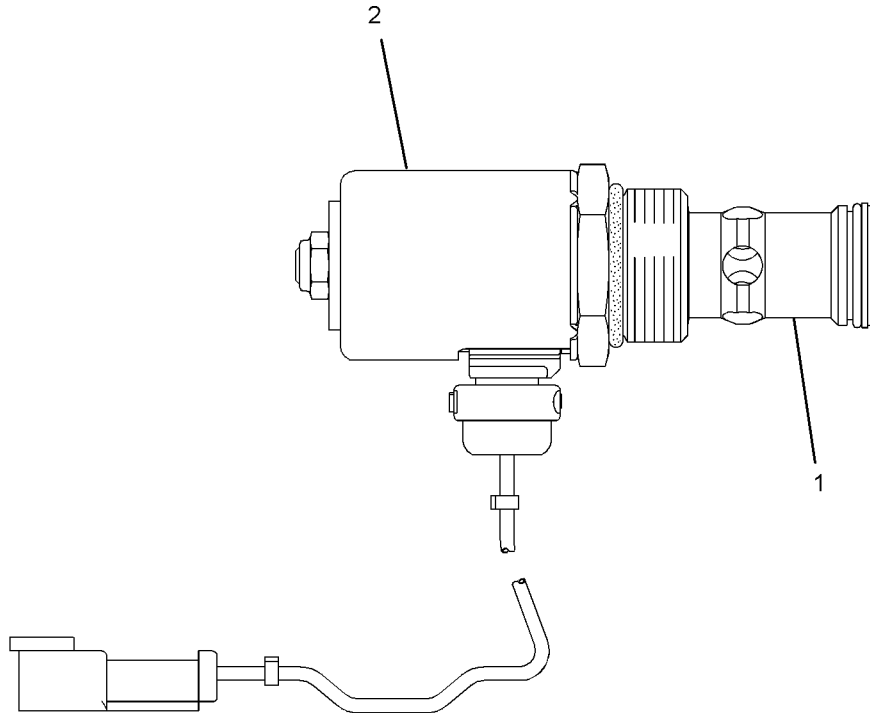
24-VOLT

PART OF 246-4555 LINES GP-AXLE OIL COOLER FAN, 151-7455 VALVE GP-SOLEN0ID
AN ATTACHMENT

SMCS-3174, 4804, 4805, 5132, 5479

i03633655

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	149-2611	1	CARTRIDGE AS						
		1	8C-9987	1	WASHER (8.3X28X2.5-MM THK)						
		1	111-0343	1	LOCKNUT (5/16-18-THD)						
	2	1	218-9894	1	COIL AS (24-VOLT)						
		1	1S-9593	2	STRAP-CABLE						
		1	8T-8729	2	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
					AVAILABLE REPAIR KIT(S):						
			3G-8175	1	KIT-SEAL (SOLENOID VALVE)						
					(INCLUDES O-RINGS & BACK-UP RINGS)						



GRAPHIC #1

<END>

g01952085

POWER TRAIN

295-1145 VALVE GP-TRANSMISSION CONTROL

S/N: SMA147-UP; DRT1610-UP

PART OF 230-6318, 261-2893 CONTROL GP-TRANSMISSION HYD
ALSO AN ATTACHMENT

SMCS-3073, 3167

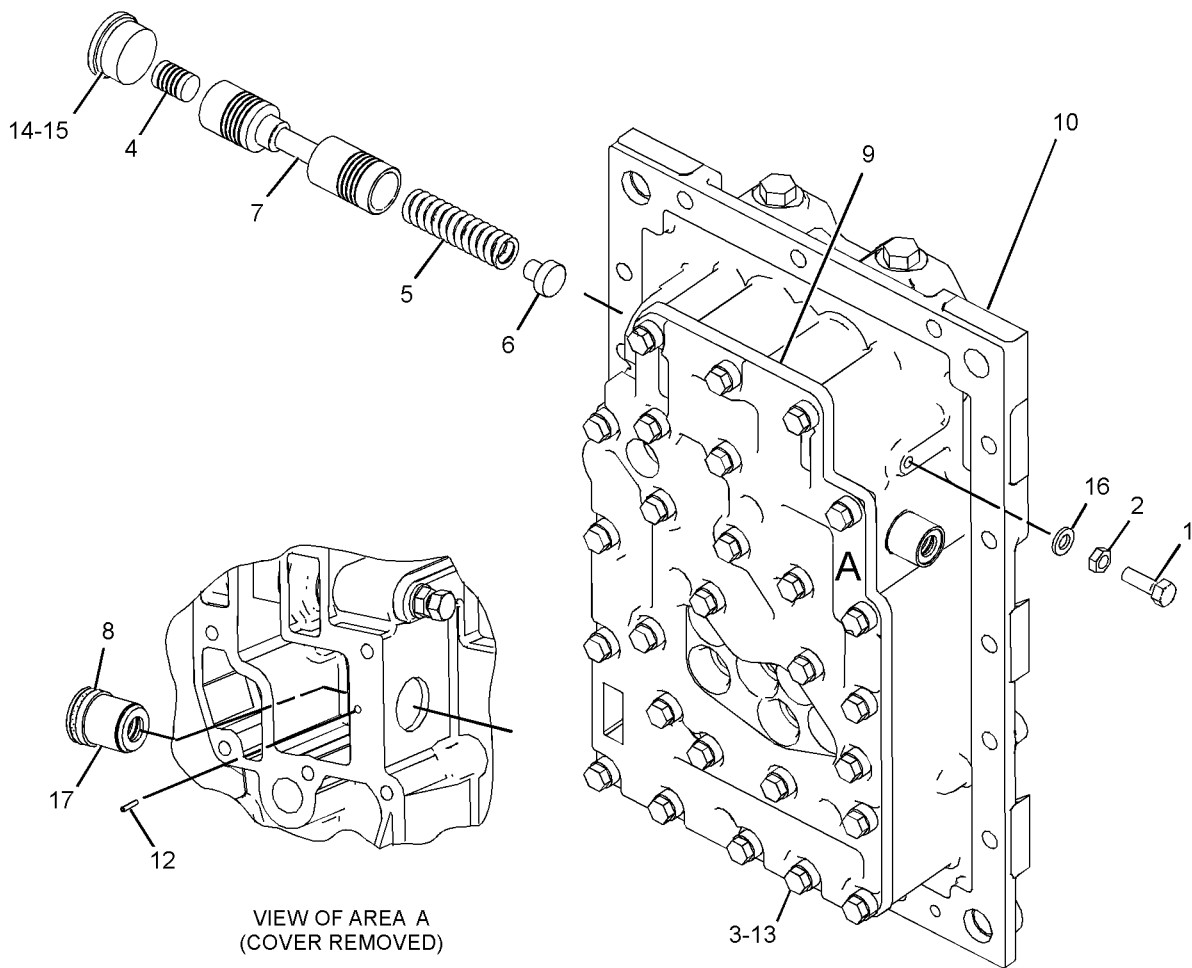
i03767909

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4M-5905	1	SCREW-ADJUSTMENT (5/16-18X1-IN)						
	2	1	5B-3180	1	NUT (5/16-18-THD)						
	3	1	8E-9571	27	WASHER-HARD (8.8X16X7-MM THK)						
	4	1	9W-5568	1	SLUG						
	5	1	106-9212	1	SPRING						
	6	1	109-3969	1	STOP						
	7	1	133-6567	1	SPOOL AS-RELIEF						
		1	3D-8317	1	RING-RETAINING						
		1	4B-9880	1	BALL						
		1	4M-2381	1	SPRING						
		1	8M-1013	1	RETAINER						
	8	1	148-1928	1	VALVE-RELIEF (TORQUE CONVERTER INLET)						
	9	1	349-3904	1	PLATE						
	10	1	295-1146	1	MANIFOLD						
	12	1	3F-4479	1	PIN-SPRING						
M	13	1	6V-2317	27	BOLT (M8X1.25X30-MM)						
	14	1	6Y-4638	1	PLUG-HEX SOCKET (1-5/16-12-THD)						
	15	1	7M-8485	1	SEAL-O-RING						
	16	1	9M-1974	1	WASHER-HARD (8.8X16X2-MM THK)						
	17	1	9X-4609	1	SEAL-O-RING						
M-METRIC PART											

POWER TRAIN

295-1145 VALVE GP-TRANSMISSION CONTROL (contd.)

i03767909



GRAPHIC #1

<END>

g02042193

POWER TRAIN

192-0822 WHEEL & FINAL DRIVE GP*R

S/N: BXY1-UP

PART OF 137-8833 AXLE AR-FIXED, 137-8832 AXLE AR-OSCILLATING

SMCS-4051

i03384960

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1S-3889	1	WASHER-PLUG						
	2	1	5D-6298	1	CUP-BEARING						
	3	2	5K-7696	1	PLUG						
	4	2	5T-7676	4	RETAINER						
	5	1	8M-3837	1	PLUG-MAGNETIC (FINAL DRIVE, OIL FILL)						
	6	1	9G-5321	1	SEAL GP-DUO-CONE						
	7	1	137-8843	1	GEAR-RING (81-TEETH)						
	8	2	137-8846	1	HUB AS						
		2	137-8837	1	BUSHING						
	9	1	137-8849	1	PLATE						
	10	1	147-6457	1	SPINDLE						
	11	2	163-4572	1	PLATE-BEARING						
	12	1	185-3653	1	WASHER-THRUST						
	13	2	192-0815	1	GEAR-SUN (18-TEETH)						
	14	2	237-0974	3	GEAR-PLANETARY (30-TEETH)						
	15	1	200-0818	1	COVER						
	16	1	200-0819	1	CARRIER-PLANETARY						
C	17	2	239-4258	3	BEARING-SLEEVE						
C	18	2	239-4259	6	WASHER-THRUST						
	19	1	250-9983	1	WHEEL						
	20	2	223-5836	3	SHAFT						
	21	1	143-4512	1	CONE						
	22	1	148-1546	1	CONE						
B	23	2	175-2853	1	SHIM PACK (INCLUDES 14-SHIMS)						
	24	1	2R-0098	1	SEAL-O-RING						
	25	2	3J-1907	1	SEAL-O-RING						
	26	1	3K-0360	1	SEAL-O-RING						
	27	1	5F-1678	1	SEAL-O-RING						
	28	1	6D-0692	1	SEAL-O-RING						
	29	2	6T-5545	3	DOWEL						
	30	2	6V-1746	2	DOWEL						
M	31	1	6V-3668	11	BOLT (M12X1.75X30-MM)						
	32	1	6V-8281	1	CUP-BEARING						
M	33	2	8C-8992	8	BOLT-LOCKING (M12X1.75X30-MM)						
	34	2	8T-3282	10	WASHER-HARD (22X35X3.5-MM THK)						
M	35	1	8T-4194	4	BOLT (M12X1.75X50-MM)						
	36	1	9H-6832	1	SEAL-O-RING						
	37	1	9S-8005	1	PLUG-O-RING						
M	38	2	9X-2404	10	BOLT-SOCKET HEAD (M20X2.5X90-MM)						
B	39	1	1U-8846	1	SEALANT-GASKET						

B-USE AS REQUIRED

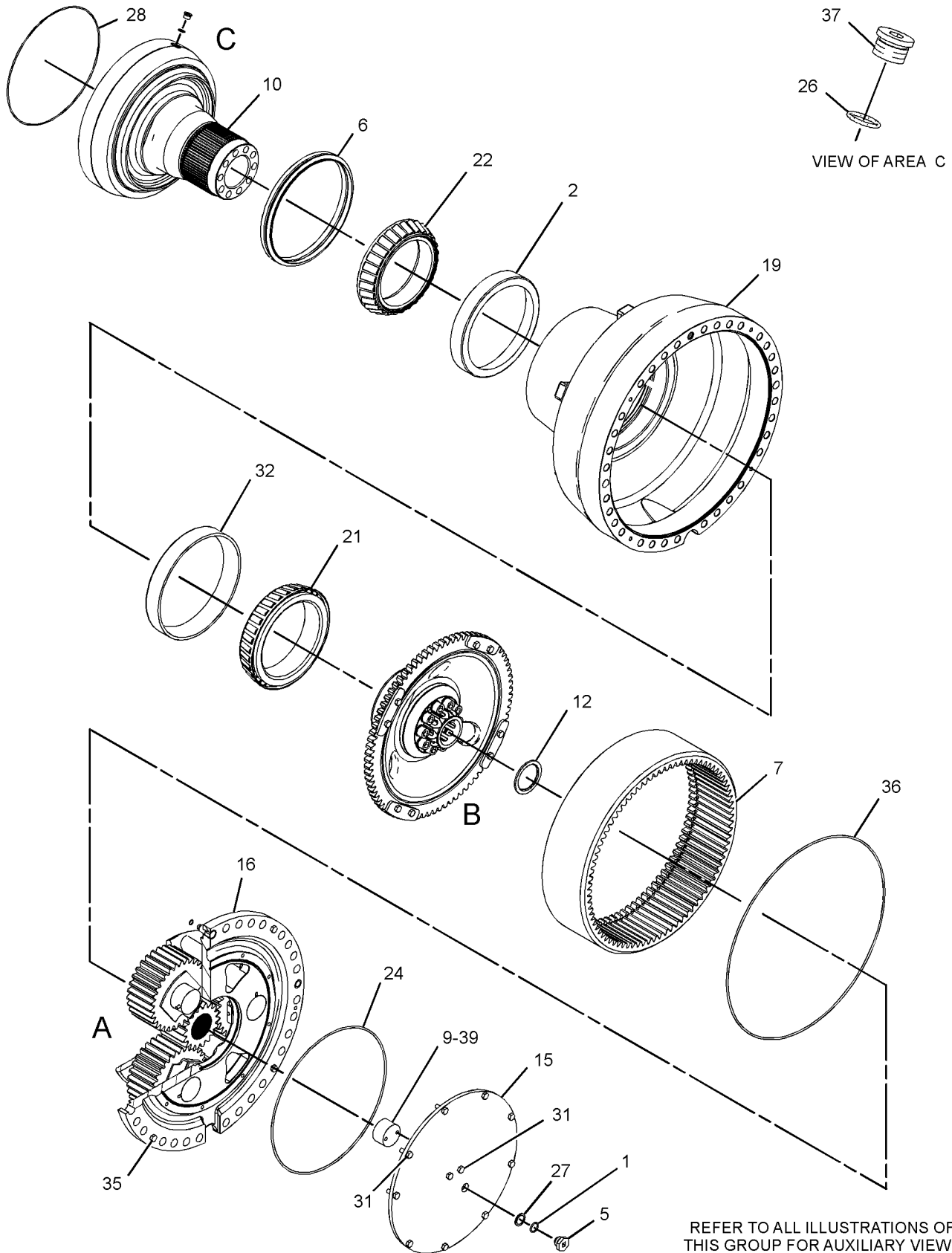
C-CHANGE FROM PREVIOUS TYPE

M-METRIC PART

POWER TRAIN

192-0822 WHEEL & FINAL DRIVE GP (contd.)

i03384960



GRAPHIC #1

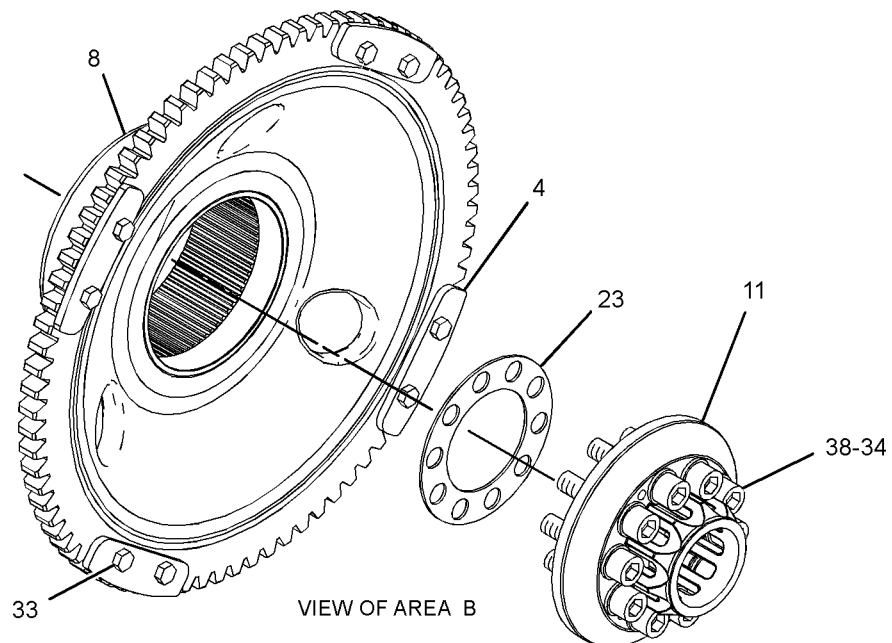
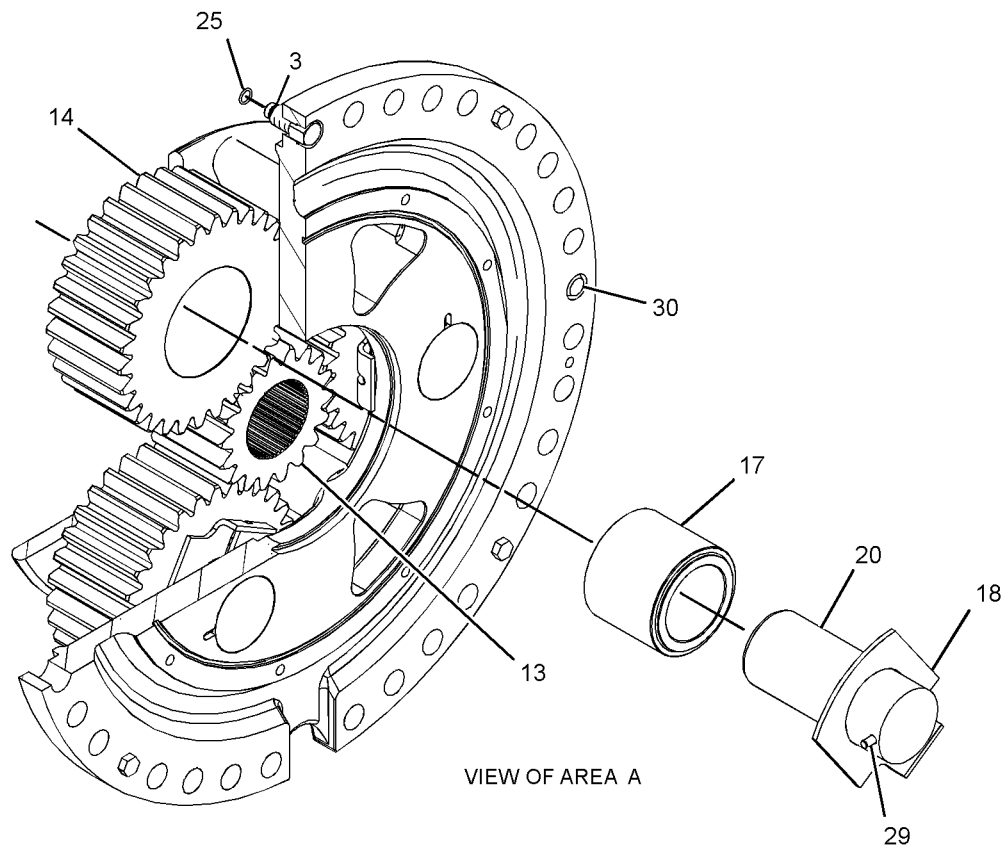
REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

g01342366

POWER TRAIN

192-0822 WHEEL & FINAL DRIVE GP (contd.)

i03384960



GRAPHIC #2

<END>

g01342203

MEMORANDA

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0L-1143	137		152		734		370
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	862		36		75		1488
	867		37	1A-3203	601	1F-7958	1495
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341-6644	723	345-3928	1470	347-4165	176	351-5778	805
341-6804	42	345-3929	1470	347-4755	805	351-6537	176
	►46	345-3930	3	347-4784	1785	351-6538	176
341-8964	13		►1444	347-7102	1807	351-9049	176
	15	345-3931	1444	347-7407	722	351-9918	327
	17		►1505	347-9427	►338	351-9958	1875
	►95	345-3932	1444		362	351-9959	1875
342-1185	►1118		►1470		367	351-9960	1869
	1152	345-3933	1444	348-5952	308	351-9961	1869
342-1186	►1122		►1545	348-5953	308	351-9962	1869
	1153	345-3934	►1311	348-7743	101	351-9963	1875
342-1187	►1126		1444	348-8181	1894	352-3790	176
	1154	345-3935	►1437	349-1178	637	352-3791	176
342-1188	1118		1444	349-2530	523	352-3792	176
	►1257	345-3936	►805	349-2533	523	352-3793	176
342-1189	1122		1444	349-3904	885	352-5457	192
	►1258	345-3943	►1359	349-4476	1134	352-5477	192
342-1190	1126		1444	349-4477	1134		196
	►1259	345-3951	1470	349-4479	1134	352-7837	196
342-5983	1511	345-3952	1312	349-4484	4	352-8266	►3
342-5985	1419	345-3953	763		►1155	352-8271	►4
342-5986	1415	345-3954	763	349-4485	4	352-8272	►4
343-1820	176	345-3956	1470		►1155	352-8273	►4
343-2263	1513	345-3958	1470	349-4486	►1156	352-8274	►4
343-3145	1869	345-3959	1470	349-4487	►1131	352-8275	►5
	1875	345-3960	703		1155	352-8276	►5
343-3146	1802		►763		1156	352-8277	►5
	►1807	345-3964	805	349-4488	►1134	353-1634	1767
343-3147	1807	345-3967	1505		1155	353-4515	666
343-5430	999	345-3969	1470		1156	353-5125	119
343-5527	231	345-3981	1471	349-4489	1134	353-5126	119
343-6501	523	345-4455	518	349-4491	1134	354-7387	►1889
343-6813	1688	345-4456	520	349-4492	1131	356-3417	►1705
343-8115	77	345-4457	520		►1260		
343-8121	77	345-4460	►518	349-4493	1131		
343-9866	32		1705	349-4494	1131		
345-0509	636	346-3822	2	349-4495	1131		
345-0510	305		►1821	349-4496	1131		
	►635	346-3826	►1705	349-4497	1131		
345-0516	►325		1821	349-4499	1134		
345-0519	348	346-3830	►464		►1262		
	►363		859	349-4500	1134		
345-0520	305	346-3833	347		►1263		

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