

Parts Manual



See "General Information"
for New Parts Manual
Features.

740B Articulated Truck

T4R1-Up (Machine)
L4X1-Up (Engine)
TXL1-Up (Engine)
K2S1-Up (Transmission)
T1N1-Up (Torque Converter)
A5M1-Up (Output Transfer Gear)

Powered By C15 Engine

Product and Dealer Information

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

Delivery Date: _____

Product Information

Model: _____

Product Identification Number: _____

Engine Serial Number: _____

Transmission Serial Number: _____

Generator Serial Number: _____

Attachment Serial Numbers: _____

Attachment Information: _____

Customer Equipment Number: _____

Dealer Equipment Number: _____

Dealer Information

Name: _____ Branch: _____

Address: _____

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

MEMORANDA

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GENERAL INFORMATION

1. MACHINE IDENTIFICATION

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

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

New Feature

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

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

1 2 3 4

Where:

1. Caterpillar's World Manufacturing Code (characters 1-3)
2. Machine Descriptor (characters 4-8)
3. Check Character (character 9)
4. Machine Indicator Section (MIS) or Product Sequence Number (characters 10-17). These were previously referred to as the Serial Number.

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

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

2. ORDERING PARTS

WARNING

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

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

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

3. PARTS MANUAL ORGANIZATION

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

4. TABLE OF CONTENTS

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

5. MAINTENANCE PARTS INDEX

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

GENERAL INFORMATION

6. INDEX

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

7. PART NUMBER INDEX

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

8. CAPTIONS

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

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

9. NON-SERVICED PARTS

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

10. PARTS LIST REFERENCE NUMBERS

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

11. INDENTED PART NAMES

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

12. ILLUSTRATION REFERENCE LETTERS

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

13. ABBREVIATIONS AND SYMBOLS

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



New Feature

14. DESCRIPTION OF TYPE CHANGES

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

15.<END>

This symbol indicates the end of an information element.

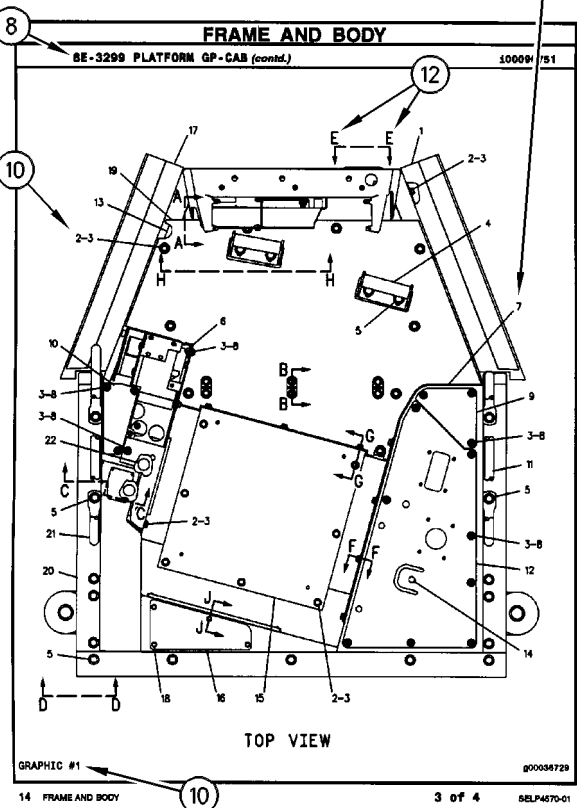
NOTE:

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

GENERAL INFORMATION

FRAME AND BODY					
8E-3299 PLATFORM GP-CAB					
PIN 38X1-00000					
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME
	1		37-2002	1	PLATE AS
	2		66-2002	25	BOLT (3/4-18X.750IN)
	3		67-1078	41	WASHER-HARD (.388 THK)
	4		67-1444	2	SUPPORT AS-FOOT
	5		77-2229	19	BOLT (1/2-13X1IN)
	6		77-2229	19	WASHER-HARD (.488 THK)
	7		67-8126	1	COVER AS-LH
	8		67-8126	1	NUT-WELD (3/8-16 THD)
	9		17-8183	1	CLIP
	10		78-3411	4	COVER
	11		64-0488	19	SCREW-HEAD (3/8-18X.875IN)
	12		67-8126	1	COVER
	13		67-8126	1	GASKET
	14		67-8126	1	GASKET
	15		37-3492	1	HANDHOLD
	16		67-8126	1	COVER AS
	17		67-8126	1	NUT-WELD (3/8-16 THD)
	18		67-8126	1	GASKET
	19		77-0131	1	FLOORPLATE AS
	20		17-0748	4	NUT-WELD (1/2-13 THD)
	21		77-8087	1	PLUS-BUTTON
	22		77-0136	1	PLATE AS
	23		67-8126	1	NUT-WELD (3/8-16 THD)
	24		77-8089	1	COVER
	25		77-0770	1	GASKET
	26		37-2001	1	PLATE AS
	27		67-8126	4	BOLT (1/4-20X.625IN)
	28		67-8126	4	WASHER-HARD (.288 THK)
	29		67-8126	1	FLOOR MAT
	30		67-8126	1	MODULE AS-OPERATOR
	31		67-8126	1	HANDHOLD
	32		67-8126	2	PLUS
	33		67-8126	4	BOLT (1/4-20X.625IN)
	34		67-8126	17	WASHER-HARD (.288 THK)
	35		67-8126	2	BOLT (3/8-18X.750IN)
	36		67-1078	21	WASHER-HARD (.388 THK)
	37		77-0136	1	SEAL
	38		77-0378	2	BOLT (3/4-10X5IN)
	39		77-0382	2	WASHER-HARD (.388 THK)
	40		37-3492	2	PLATE AS
	41		37-3492	1	PLATE AS
	42		78-8818	8	SPACER
	43		37-3491	1	SEAL
	44		78-8817	1	GASKET
	45		78-8818	1	COVER AS
	46		78-8818	2	WASHER
	47		67-8126	2	SCREW-KOBBLED
	48		67-8126	1	COVER
	49		67-8126	1	COVER
	50		67-8126	8	SCREW-ROCKET HEAD
	51		67-8126	8	MOUNTING
	52		67-8126	2	PLATE
	53		77-0382	2	BOLT (1/2-13X1IN)
	54		77-0378	2	WASHER-HARD
	55		4L-6454	4	BOLT (3/8-18X1.02IN)
	56		37-6788	1	COVER

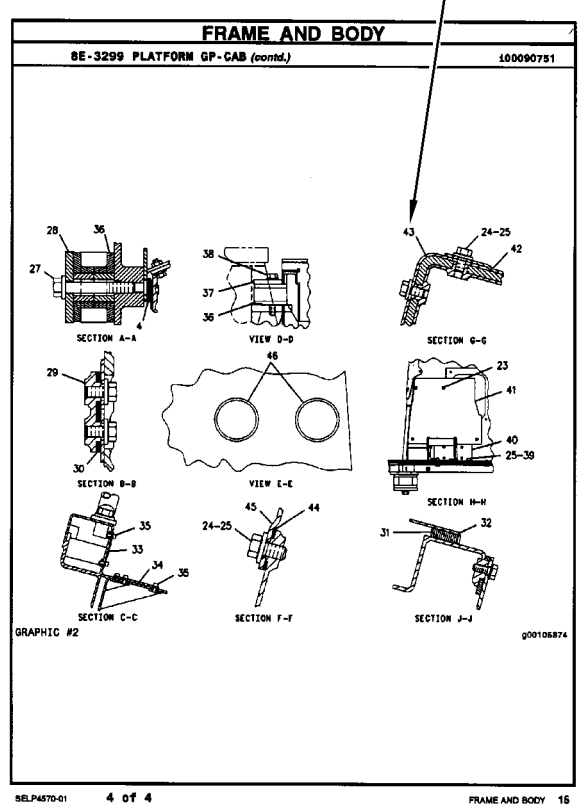
12 FRAME AND BODY 1 OF 4 SELF 170-01



14 FRAME AND BODY 3 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		66-8818	1	COVER
	42		77-0136	1	PLATE
	43		77-0136	1	GASKET
	44		78-8724	1	GASKET
	45		78-8723	1	COVER
	46		67-1002	2	PLUS-BUTTON

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SELF 170-01 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 AS-DIESEL PARTICULATE	358-3668	1	FILTER GP-DIESEL PARTICULATE	144
FILTER ELEMENT AS-AIR (PRIMARY)	142-1340	1	AIR CLEANER GP	134
FILTER ELEMENT AS-AIR (SECONDARY)	142-1403	1	AIR CLEANER GP	134
SPARK PLUG (AFTERTREATMENT REGEN DEVICE)	295-3099	1	COMBUSTION GP-EXHAUST	138
BASIC ENGINE				
BELT-SERPENTINE	331-9604	1	BELT GP-SERPENTINE	10
CAP AS (ENGINE OIL FILL)	253-0552	1	COVER GP-VALVE MECHANISM	20
PLUG-DRAIN (ENGINE OIL PAN)	9X-6451	3	PAN GP-OIL	56
SEAL-INTEGRAL	234-8937	1	HOUSING GP-FLYWHEEL	48
SEAL-VALVE COVER	242-9537	1	COVER GP-VALVE MECHANISM	17
		1	COVER GP-VALVE MECHANISM	19
		1	COVER GP-VALVE MECHANISM	20
BRAKING SYSTEM				
BREATHER (BRAKE CONTROL VALVE)	183-3873	1	CONTROL GP-SERVICE BRAKE	555
		1	CONTROL GP-SERVICE BRAKE	559
		1	CONTROL GP-SERVICE BRAKE	563
COOLING SYSTEM				
CAP AS-RADIATOR	294-3342	1	TANK GP-COOLANT	127
REGULATOR-WATER TEMPERATURE (92-DEG C)	367-7900	2	HOUSING & REGULATOR GP	99

MAINTENANCE PARTS

DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE
ELECTRICAL AND STARTING SYSTEM				
BATTERY (12-VOLT, 1125-CCA) (MAINTENANCE FREE)	153-5700	2	BATTERY & WIRING GP	229
BATTERY (12-VOLT, 1400-CCA) (MAINTENANCE FREE)	153-5710	2	STARTING AR-COLD WEATHER	295
		2	STARTING AR-COLD WEATHER	296
CIRCUIT BREAKER AS (150-AMPERE) (MAIN)	171-2215	1	PANEL GP-CIRCUIT BREAKER	262
CIRCUIT BREAKER AS (20-AMPERE) (FAN)	288-3687	1	PANEL GP-CIRCUIT BREAKER	262
CIRCUIT BREAKER AS (30-AMPERE) (ENGINE ECM)	139-4724	1	PANEL GP-CIRCUIT BREAKER	263
CIRCUIT BREAKER AS (40-AMPERE) (MAIN)	171-2205	2	PANEL GP-CIRCUIT BREAKER	262
FILTER (ETHER START)	358-4889	1	VALVE GP-ETHER STARTING	310
FLASHER AS (24-VOLT) (TURN SIGNAL)	8D-6946	1	WIRING GP-CAB	318
FUSE (10-AMPERE)	113-8490	8	WIRING GP-CAB	317
FUSE (15-AMPERE)	113-8491	5	WIRING GP-CAB	317
FUSE (20-AMPERE)	113-8492	7	WIRING GP-CAB	317
FUSE (7.5-AMPERE)	141-2760	17	WIRING GP-CAB	317
KEY (BATTERY DISCONNECT)	8H-5306	1	SWITCH GP-DISCONNECT	304
KEY AS-ELECTRONIC (SECURITY)	206-5162	1	INSTALLATION GP-SECURITY	253
LAMP (24-VOLT, 10-WATT)	259-1286	1	WIRING GP-CAB	313
LAMP (24-VOLT, 21-WATT)	242-0588	1	LAMP GP-HEAD & SIGNAL	257
		1	LAMP GP-HEAD & SIGNAL	258
LAMP (24-VOLT, 5-WATT)	130-3515	1	LAMP GP-HEAD & SIGNAL	257
		1	LAMP GP-HEAD & SIGNAL	258
LAMP (24-VOLT, HID)	290-8160	1	LAMP GP-FLOOD	256
LAMP GP-SIGNAL (24-VOLT) (STOP, TAIL, TURN)	290-5751	2	WARNING GP-BACKUP	311
LAMP-HALOGEN (24-VOLT, 70-WATT)	351-9918	2	LAMP GP-HEAD & SIGNAL	257
		2	LAMP GP-HEAD & SIGNAL	258
LAMP-HALOGEN (24-VOLT, 70-WATT) (FLOODLIGHT)	9X-3463	1	LAMP GP-FLOOD	254
		1	LAMP GP-FLOOD	255
FRAME AND BODY				
FILTER (LUBRICATION PUMP)	372-0497	1	PUMP GP-LUBRICATION	514
LAMP (24-VOLT)	130-3565	1	PANEL GP-FENDER	510
		1	PANEL GP-FENDER	511

MAINTENANCE PARTS

DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE
FUEL SYSTEM				
CAP AS	6V-9831	1	LINES GP-FUEL	205
CAP-FUEL FILLER (LOCKABLE) (FAST FILL)	276-1243	1	TANK GP-FUEL	218
		1	TANK GP-FUEL	219
FILTER AS-WATER SEP & FUEL (PRIMARY)	326-1643	1	FILTER GP-WATER SEP & FUEL	200
FILTER ELEMENT-BREATHER (FUEL CAP)	279-9876	1	TANK GP-FUEL	218
		1	TANK GP-FUEL	219
FILTER-FUEL (ADVANCED EFFICIENCY)	1R-0749	2	BASE GP-FUEL FILTER	198
STRAINER-FUEL (FAST FILL)	9P-7121	1	TANK GP-FUEL	218
		1	TANK GP-FUEL	219
HYDRAULIC SYSTEM				
BREATHER (7-PSI) (HYDRAULIC TANK)	157-7911	1	COVER GP-TANK	614
CAP-FILLER (HYDRAULIC TANK)	7H-1447	1	COVER GP-TANK	612
		1	COVER GP-TANK	614
FILTER ELEMENT AS-OIL (ULTRA HIGH EFFICIENCY) (HYDRAULIC)	132-8876	2	COVER GP-TANK	612
		3	COVER GP-TANK	614
PLUG-DRAIN (HYDRAULIC TANK)	9J-7031	2	TANK GP-HYDRAULIC	667
SCREEN (CONTROL MANIFOLD)	6E-5066	1	MANIFOLD GP-CONTROL	649
SCREEN (HYDRAULIC TANK)	119-4885	2	COVER GP-TANK	612
		2	COVER GP-TANK	614
SCREEN AS (HYDRAULIC TANK)	150-8457	1	COVER GP-TANK	614
	6J-3795	1	COVER GP-TANK	612
STRAINER AS-OIL (HYDRAULIC TANK)	5D-7927	1	COVER GP-TANK	612
STRAINER AS-OIL (HYDRAULIC)	5D-7927	1	COVER GP-TANK	614
LUBRICATION SYSTEM				
FILTER ELEMENT-FUMES DISPOSAL	326-4690	1	FUMES DISPOSAL GP	83
FILTER GP-FUMES DISPOSAL	335-4018	1	FUMES DISPOSAL GP	83
FILTER-ENGINE OIL (ADVANCED EFFICIENCY)	1R-1808	1	FILTER GP-ENGINE OIL	80
OPERATOR STATION				
BLADE AS-WIPER (500-MM) (REAR)	5C-8811	1	WIPER & WASHER GP-WINDOW	775
BLADE AS-WIPER (700-MM) (FRONT)	6V-7419	1	WIPER & WASHER GP-WINDOW	775
DRYER AS-REFRIGERANT (INLINE)	320-0563	1	LINES GP-AIR CONDITIONER	728
FILTER ELEMENT-AIR (CAB HEATER, AIR CONDITIONER)	259-3222	1	AIR CONDITIONER GP	704
FILTER ELEMENT-CAB AIR (AIR CONDITIONER)	268-6704	1	AIR CONDITIONER & MOUNTING GP	702
LAMP AS-INDICATOR (24-VOLT, WHITE)	287-7198	2	CONTROL GP-XMSN & HOIST	715
SEAT BELT GP (RETRACTABLE)	258-4096	1	SEAT GP-COMPANION	757
SEAT BELT GP (RETRACTABLE, 3-IN)	353-6193	1	SEAT GP-SUSPENSION	758
		1	SEAT GP-SUSPENSION	760

MAINTENANCE PARTS

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POWER TRAIN				
BREATHER AS (POWER TRAIN)	8X - 4575	2	BREATHER GP-POWER TRAIN	358
CAP-FILLER (OUTPUT TRANSFER GEAR OIL)	6G - 9333	1	GEAR GP-OUTPUT TRANSFER	392
FILTER ELEMENT AS-OIL (POWER TRAIN)	337 - 5270	1	FILTER GP-OIL	390
FILTER ELEMENT AS-OIL (TRANSMISSION)	337 - 5270	1	FILTER GP-OIL	389
FILTER-OIL (ADVANCED EFFICIENCY)	130 - 3212	1	FILTER GP-OIL	391
PLUG-MAGNETIC (AXLE HOUSING)	5P - 4484	1	AXLE GP-CENTER	350
		1	AXLE GP-FRONT	352
		1	AXLE GP-REAR	354
PLUG-MAGNETIC (FINAL DRIVE OIL DRAIN)	5P - 4484	2	WHEEL GP-FINAL DRIVE & BRAKE	456
		2	WHEEL GP-FINAL DRIVE & BRAKE	458
PLUG-MAGNETIC (TRANSFER CASE)	5P - 4484	1	GEAR GP-OUTPUT TRANSFER	393
PLUG-MAGNETIC (TRANSMISSION)	5P - 4484	1	HOUSING GP-TORQUE CONVERTER	399
SCREEN (HYDRAULIC)	6E - 5066	2	VALVE GP-SOLENOID	453
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MACHINE ARRANGEMENT

330-9006 CHASSIS AR

S/N: T4R1-UP

PART OF 291-8649 GENERAL AR

SMCS-7000

i04171478

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	141-6863	1	BODY	GP-TRUCK					462
Y	141-6859	1	FRAME	GP-CENTER	SUSPENSION				691
Y	291-8938	1	FRAME	GP-FRONT	(ENGINE END)				469
Y	339-7710	1	FRAME	GP-FRONT	SUSPENSION				693
Y	291-8940	1	FRAME	GP-REAR	(NON-ENGINE END)				473
Y	178-3852	1	FRAME	GP-REAR	SUSPENSION				695
Y	141-6857	1	HITCH	GP-OSCILLATING					486
Y	291-8944	1	LINES	GP-GREASE	(NON-ENGINE END)				503
Y	339-1784	1	LINES	GP-GREASE	(ENGINE END)				505
Y	236-4389	1	LINK	GP-STEERING	FRAME LOCK				508
Y	328-3998	1	PIN	GP-CYLINDER	(HOIST)				651
Y	328-4001	1	PIN	GP-CYLINDER	(STEERING)				652
Y	328-4002	1	PIN	GP-CYLINDER	(SUSPENSION)				653
Y	291-8948	1	PIN	GP-HITCH					512
Y	180-9407	1	STOP	GP-STEERING					516
Y	138-7962	1	SUSPENSION	GP-REAR	EQUALIZER				697
Y-SEPARATE ILLUSTRATION									

<END>

291-8649 GENERAL AR

S/N: T4R1-UP

SMCS-7000

i04217309

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	324-7002	1	CAB	AR					711
Y	330-9006	1	CHASSIS	AR					1
Y	291-8668	1	ELECTRICAL	AR					244
Y	291-8671	1	ELECTRONICS	GP-MACHINE					245
Y	291-8684	1	HYDRAULIC	AR					618
Y	291-8689	1	INSTALLATION	AR-MACHINE					2
Y	346-1990	1	MODULE	AR-ENGINE & CEM					7
Y	353-7689	1	PLATE & FILM	GP					782
Y	291-8722	1	POWER TRAIN	AR					424
Y	367-9568	1	TIRE & RIM	AR					435
	7U-8892	1	LITERATURE	GP					
	5P-7958	1	SLEEVE-CABLE	SPLICE					

Y-SEPARATE ILLUSTRATION

<END>

MACHINE ARRANGEMENT

291-8689 INSTALLATION AR-MACHINE

S/N: T4R1-UP

PART OF 291-8649 GENERAL AR

SMCS-7000

i04171459

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	291-8714	1	ENCLOSURE GP-RADIATOR						96
Y	291-8954	1	FENDER & SUPPORT GP						464
Y	311-0036	1	FENDER GP (TRUCK)						466
Y	291-8956	1	GUARD GP-CRANKCASE						477
Y	291-8958	1	GUARD GP-PLATFORM						482
Y	291-8960	1	GUARD GP-WINDOW						721
Y	291-8962	1	HOOD GP-ENGINE						488
Y	326-8727	1	MIRROR GP-REAR VIEW						734
Y	139-4593	1	MOUNTING GP-ROPS						739
Y	354-0728	1	PANEL GP-CAB						745
Y	328-5175	1	STEP GP						515
Y	357-2050	1	SUPPORT GP-HITCH LINES						517
Y	291-8970	1	TANK & MTG GP-FUEL						215
Y	291-8972	1	TILT GP-HOOD						525
Y	335-3941	1	TILT GP-PLATFORM						770
Y	328-3953	1	WALKWAY GP						532

Y-SEPARATE ILLUSTRATION

<END>

ENGINE ARRANGEMENT

365-3722 ENGINE AR-COMPLETE

S/N: TXL1-UP; L4X1-UP

331 BRAKE KW (444 BHP) AT 2000 RPM, 24-VOLT. CAT COMPRESSION BRAKE
PART OF 346-1990 MODULE AR-ENGINE & CEM

SMCS-1000

i04173670

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	329-9993	1	ADAPTER GP-EXHAUST DIFFUSER						129
Y	342-5799	1	ALTERNATOR GP-CHARGING						224
Y	329-9361	1	BELT GP-SERPENTINE (ALTERNATOR, COMPRESSOR)						10
Y	343-8084	1	BRACKET GP-MOUNTING (BULKHEAD)						135
Y	344-8026	1	BRACKET GP-MOUNTING (WIRING)						136
Y	345-2200	1	COMPRESSOR GP-REFRIGERANT						714
Y	126-7631	1	CONNECTION GP-ELECTRICAL						237
Y	346-1530	1	CONTROL & MTG GP-ENGINE ELEK						238
Y	107-6736	1	COVER GP-CYLINDER BLOCK (TURBOCHARGER DRAIN COVER)						12
Y	107-6737	1	COVER GP-CYLINDER BLOCK						13
Y	1W-8341	1	COVER GP-FLYWHEEL HOUSING						14
Y	120-9847	1	COVER GP-FRONT HOUSING (OIL FILLER)						15
Y	159-6159	1	COVER GP-FRONT HOUSING (CAM, IDLER GEAR)						16
Y	338-1575	1	COVER GP-OIL FILLER						78
Y	325-3918	1	COVER GP-VALVE MECHANISM						18
Y	227-3705	1	DAMPER GP						31
Y	206-4227	1	DRIVE GP-ACCESSORY						32
Y	6I-3638	1	DRIVE GP-PUMP						33
Y	340-7247	1	ELBOW & MTG GP-AIR INLET (WITH COOLED EXHAUST)						140
Y	365-8765	1	ENGINE AR-CORE						6
Y	329-7052	1	ENGINE BRAKE GP						34
Y	4P-6846	1	FASTENER GP-FRONT HOUSING (SUPPORT)						36
Y	108-9382	1	FASTENER GP-FRONT HOUSING (FAN DRIVE)						37
Y	352-8798	1	FASTENER GP-FRONT HOUSING						39
Y	334-1197	1	FASTENER GP-FRONT HOUSING						38
Y	176-7007	1	FASTENER GP-OIL PAN						40
Y	4N-2481	1	FASTENER GP-OIL PUMP MOUNTING						79
Y	342-6063	1	FILTER GP-ENGINE OIL						80
Y	346-1451	1	FILTER GP-FUEL						199
Y	219-4438	1	FLYWHEEL GP						41
Y	342-5971	1	FUMES DISPOSAL GP						83
Y	336-9358	1	FUMES DISPOSAL GP (FRONT)						82
Y	347-1486	1	GAUGE GP-OIL LEVEL (DIPSTICK) (ENGINE)						85
Y	188-9134	1	GEAR GP-REAR						45
Y	347-1507	1	HOUSING GP-FLYWHEEL						48
Y	353-2790	1	HOUSING GP-FRONT						50
Y	111-2355	1	LIFTING GP-ENGINE (FRONT)						51
Y	330-0709	1	LIFTING GP-ENGINE						52
Y	126-0081	1	LINES GP-AIR (TURBOCHARGER OUTLET)						147
Y	346-1452	1	LINES GP-ENGINE OIL						87
Y	346-1450	1	LINES GP-FUEL						205
Y	354-5935	1	LINES GP-ENGINE OIL						89
Y	339-4954	1	LINES GP-TURBO BALANCE AIR						150
Y	352-0300	1	LINES GP-TURBOCHARGER OIL						92
Y	342-6157	1	LINES GP-WATER						103
Y	350-3121	1	LINES GP-WATER						104
Y	343-0590	1	MANIFOLD GP-EXHAUST						169
Y	342-5800	1	MOUNTING GP-ALTERNATOR & COMPR						54
Y	343-1974	1	SUPPORT & MOUNTING GP						183
Y	344-0341	1	MOUNTING GP-FILTER						409
Y	343-8798	1	MOUNTING GP-SENSOR						261
Y	233-4890	1	PAN GP-OIL						56
Y	343-6805	1	PANEL GP-SOUND SUPPRESSION (LH)						58

ENGINE ARRANGEMENT

365-3722 ENGINE AR-COMPLETE (contd.)

i04173670

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	344-9223	1	PANEL	GP-SOUND	SUPPRESSION				59
Y	230-5379	1	PLUG	GP-CYLINDER	BLOCK				64
Y	331-6901	1	PLUG	GP-CYLINDER	HEAD				66
Y	279-9540	1	PLUG	GP-ENGINE					67
Y	170-1757	1	PULLEY	GP-CRANKSHAFT					69
Y	344-3592	1	PUMP &	MTG GP-FUEL	TRANSFER				208
Y	330-9076	1	STARTING	MOTOR GP-ELECTRIC					300
Y	185-6278	1	SUPPORT	GP-ENGINE					75
Y	347-2224	1	TURBOCHARGER	GP					189
Y	348-5722	1	VALVE	GP-SOLENOID					197
Y	363-0657	1	WIRING	GP-ELECTRONIC	CONTROL				325
Y	346-1891	1	WIRING	GP-SENSOR					344
Y	346-6706	1	WIRING	GP-UNIT	INJECTOR				348

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

Y-SEPARATE ILLUSTRATION

ENGINE ARRANGEMENT

345-4408 ENGINE AR-CORE

S/N: TXL1-UP; L4X1-UP

PART OF 365-8765 ENGINE AR-CORE

SMCS-1000

i04174273

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	342-6192	1	BASE GP-VALVE COVER & INJ HARN						9
Y	351-7366	1	CAMSHAFT GP						11
Y	362-6633	1	COOLER GP-CLEAN GAS INDUCTION						139
Y	358-6885	1	CRANKSHAFT GP						21
Y	358-6889	1	CYLINDER BLOCK GP						24
Y	274-1953	1	CYLINDER HEAD GP						29
Y	358-6884	1	GEAR GP-FRONT						43
Y	343-0624	1	LINES GP-AIR						152
Y	265-7878	1	MECHANISM GP-FUEL PUMP & VALVE						53
Y	342-6368	6	PISTON & ROD GP						62
YR	161-4113	1	PUMP GP-ENGINE OIL						93
Y	366-2070	6	PUMP GP-FUEL INJECTION						210
Y	343-8955	1	PUMP GP-WATER						115
Y	343-8057	1	SENSOR GP-ENGINE						272
Y	342-6150	1	SUPPORT & MOUNTING GP						182
Y	347-9433	1	VALVE & MOUNTING GP (NRS)						190

R-REMFG PART MAY BE AVAILABLE

Y-SEPARATE ILLUSTRATION

ENGINE ARRANGEMENT										
365-8765 ENGINE AR-CORE										
S/N: TXL1-UP; L4X1-UP										
PART OF 365-3722 ENGINE AR-COMPLETE										
SMCS-1000					i04174172					
NOTE	PART NUMBER	QTY	PART NAME							SEE PAGE
			1	2	3	4	5	6	(PRODUCT LEVEL)	
Y	345-4408	1	ENGINE AR-CORE							5
	366-5961	1	ELECTRONICS GP							
Y-SEPARATE ILLUSTRATION										

ENGINE ARRANGEMENT

346-1990 MODULE AR-ENGINE & CEM

S/N: T4R1-UP

PART OF 291-8649 GENERAL AR

SMCS-1000, 1050

i04217213

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	365-3722	1	ENGINE	AR-COMPLETE					3
Y	343-8998	1	LINES	GP-EXHAUST					164
Y	362-8784	1	MODULE	AR-CLEAN	EMISSIONS				173
Y-SEPARATE ILLUSTRATION									

BASIC ENGINE

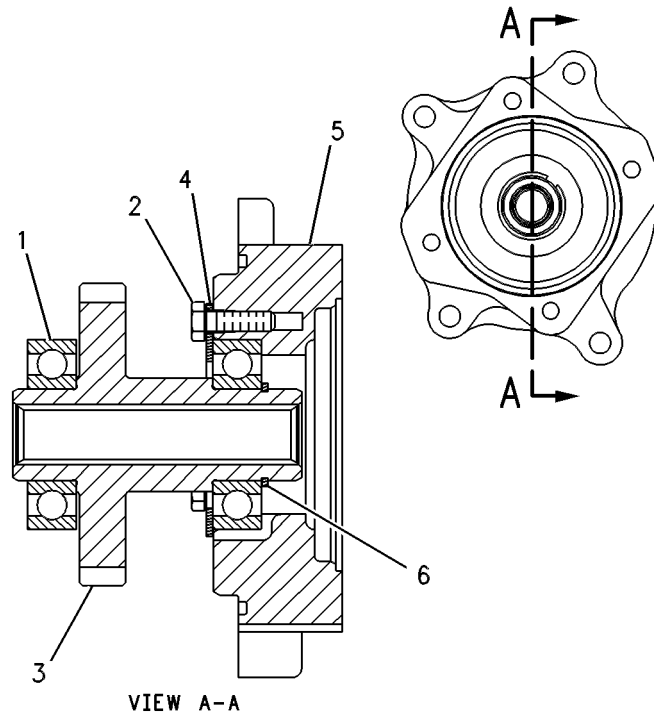
133-9907 ADAPTER GP-PUMP DRIVE

S/N: TXL1-UP; L4X1-UP
PART OF 6I-3638 DRIVE GP-PUMP

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

342-6192 BASE GP-VALVE COVER & INJ HARN

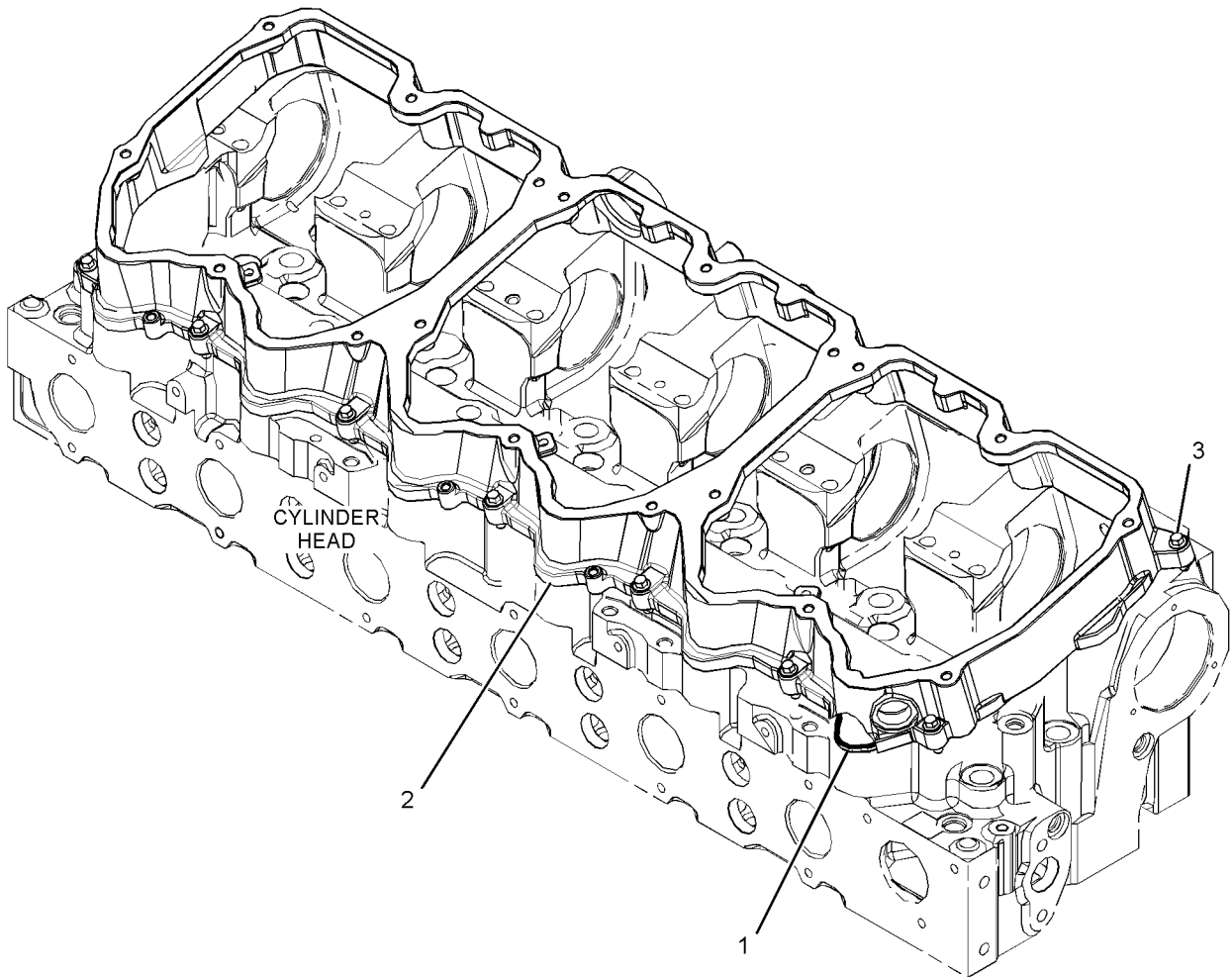
S/N: TXL1-UP; L4X1-UP

PART OF 345-4408 ENGINE AR-CORE

SMCS-1120, 1408

i03831020

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	272-0390	1	SEAL						
	2	1	344-7870	1	BASE-VALVE COVER						
	3	1	9L-8925	15	BOLT (5/16-18X1.25-IN)						



GRAPHIC #1

<END>

g02250174

BASIC ENGINE

329-9361 BELT GP-SERPENTINE

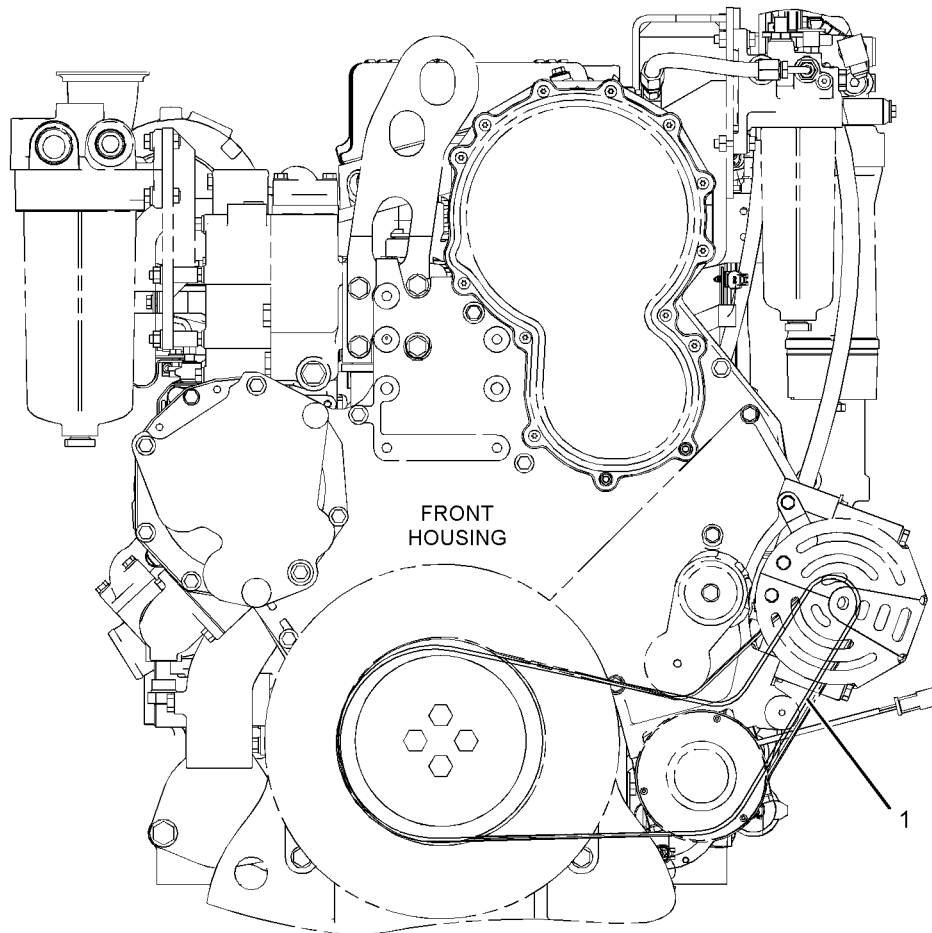
S/N: TXL1-UP; L4X1-UP

PART OF 365-3722 ENGINE AR-COMplete
FOR USE WITH 8-RIB POLY-VEE ACCESSORY DRIVE

SMCS-1397

i03864847

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	331-9604	1	BELT-SERPENTINE						



FRONT VIEW OF ENGINE

GRAPHIC #1

<END>

g02171814

BASIC ENGINE

351 - 7366 CAMSHAFT GP

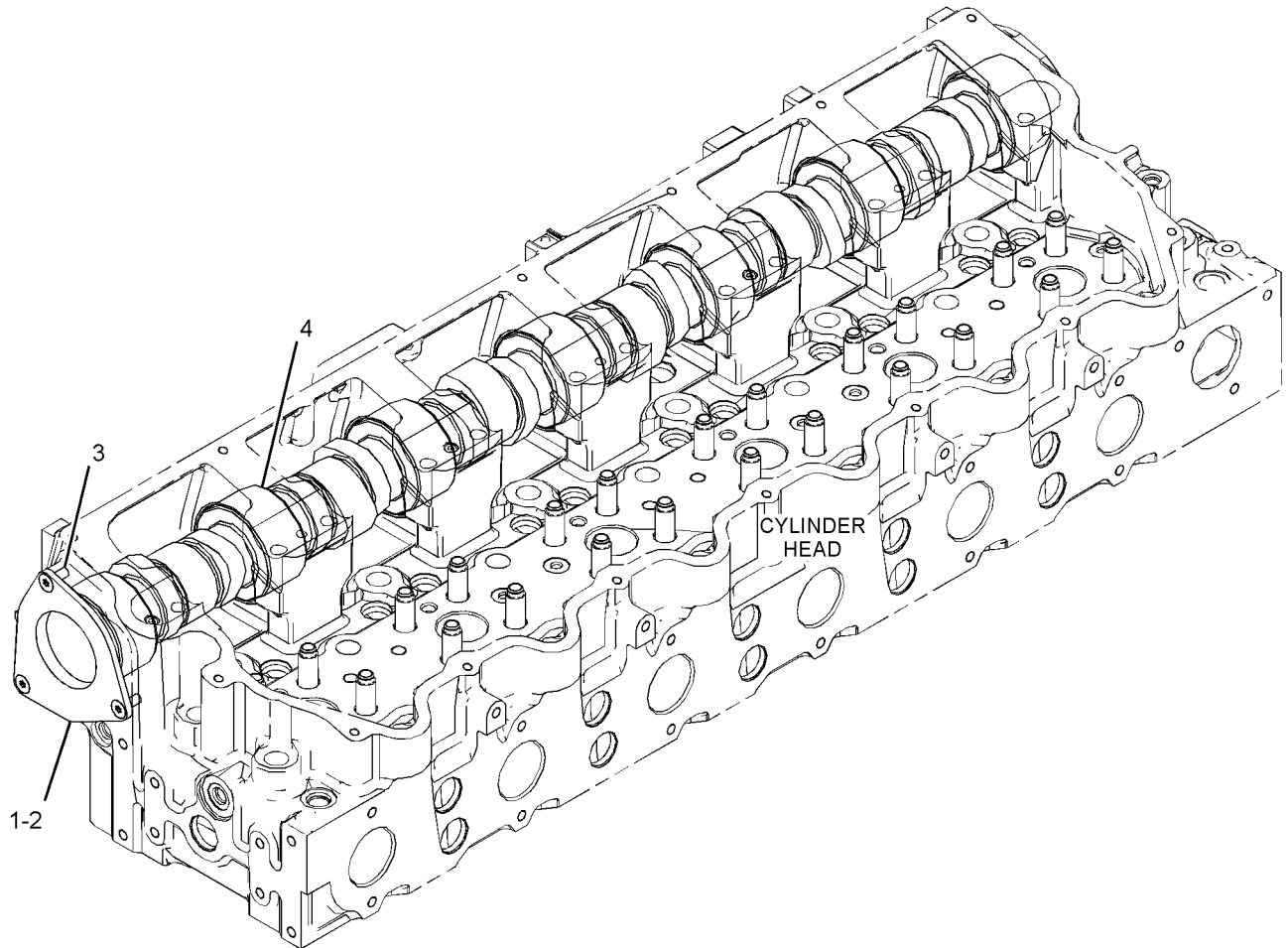
S/N: TXL1-UP; L4X1-UP

PART OF 345-4408 ENGINE AR-CORE

SMCS-1210

i04038282

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	348-2254	1	CAMSHAFT						



GRAPHIC #1

<END>

g02252133

BASIC ENGINE

107-6736 COVER GP-CYLINDER BLOCK

S/N: TXL1-UP; L4X1-UP

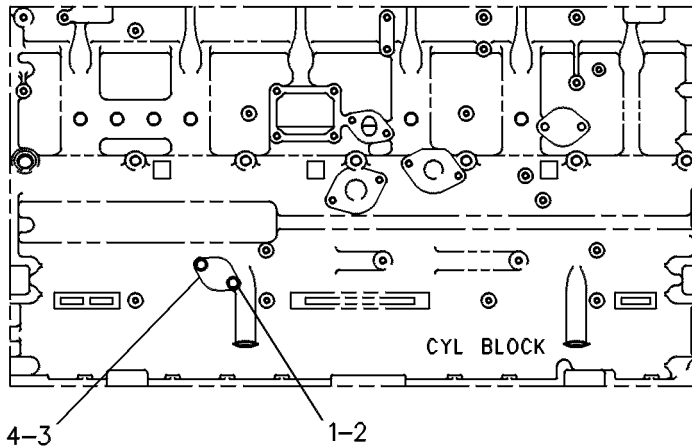
PART OF 365-3722 ENGINE AR-COMplete

FOR USE WITH MID MOUNTED TURBO AND/OR RH OIL FILL

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						



LEFT SIDE VIEW

GRAPHIC #1

<END>

g00244599

BASIC ENGINE

107-6737 COVER GP-CYLINDER BLOCK

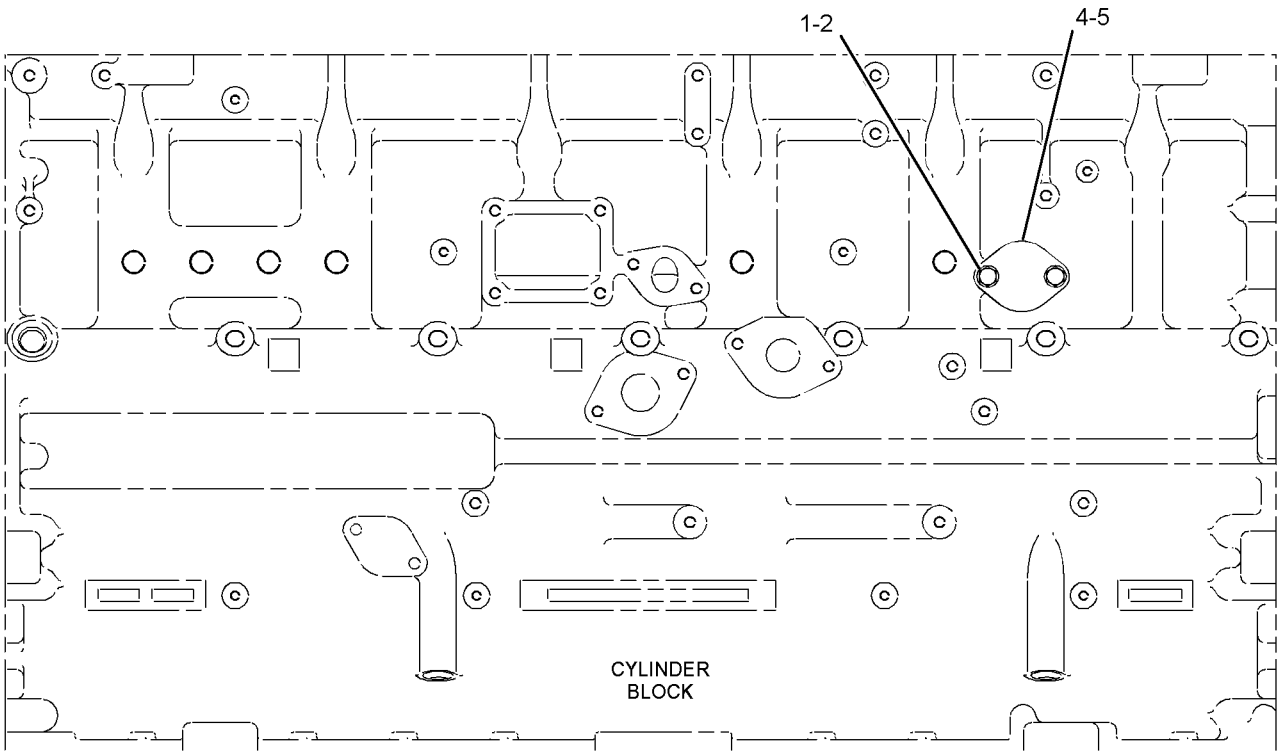
S/N: TXL1-UP; L4X1-UP

PART OF 365-3722 ENGINE AR-COMplete
CANNOT BE USED WITH RIGHT SIDE OIL FILLER

SMCS-1201

i04122373

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)						
	4	1	4N-0699	1	GASKET						
	5	1	4W-9890	1	COVER						



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g02320595

BASIC ENGINE

1W-8341 COVER GP-FLYWHEEL HOUSING

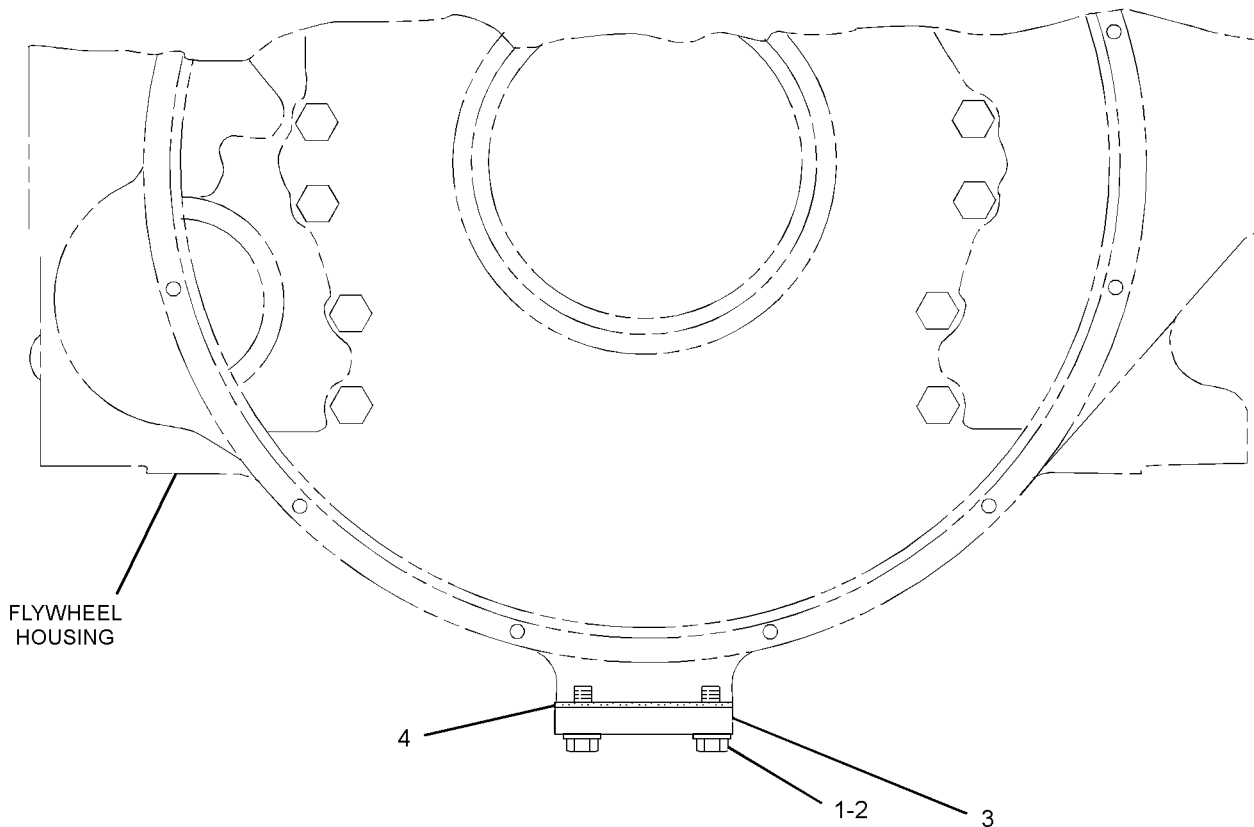
S/N: TXL1-UP; L4X1-UP

PART OF 365-3722 ENGINE AR-COMplete
FOR USE WITH SAE NO. 1 FLYWHEEL HOUSING

SMCS-1157

i02533261

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	1M-0130	1	COVER						
	4	1	4M-6480	1	GASKET						



REAR VIEW

<END>

GRAPHIC #1

g01267902

BASIC ENGINE

120-9847 COVER GP-FRONT HOUSING

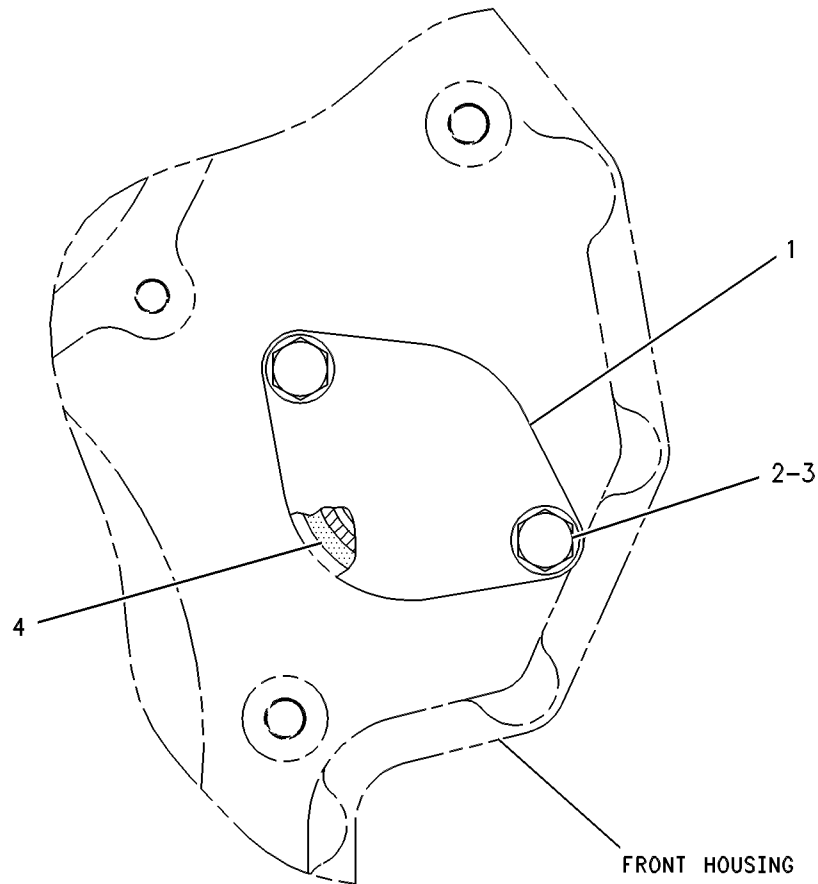
S/N: TXL1-UP; L4X1-UP

PROVIDES COVER FOR OIL FILLER OPENING ON FRONT HOUSING
PART OF 365-3722 ENGINE AR-COMPLETE

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

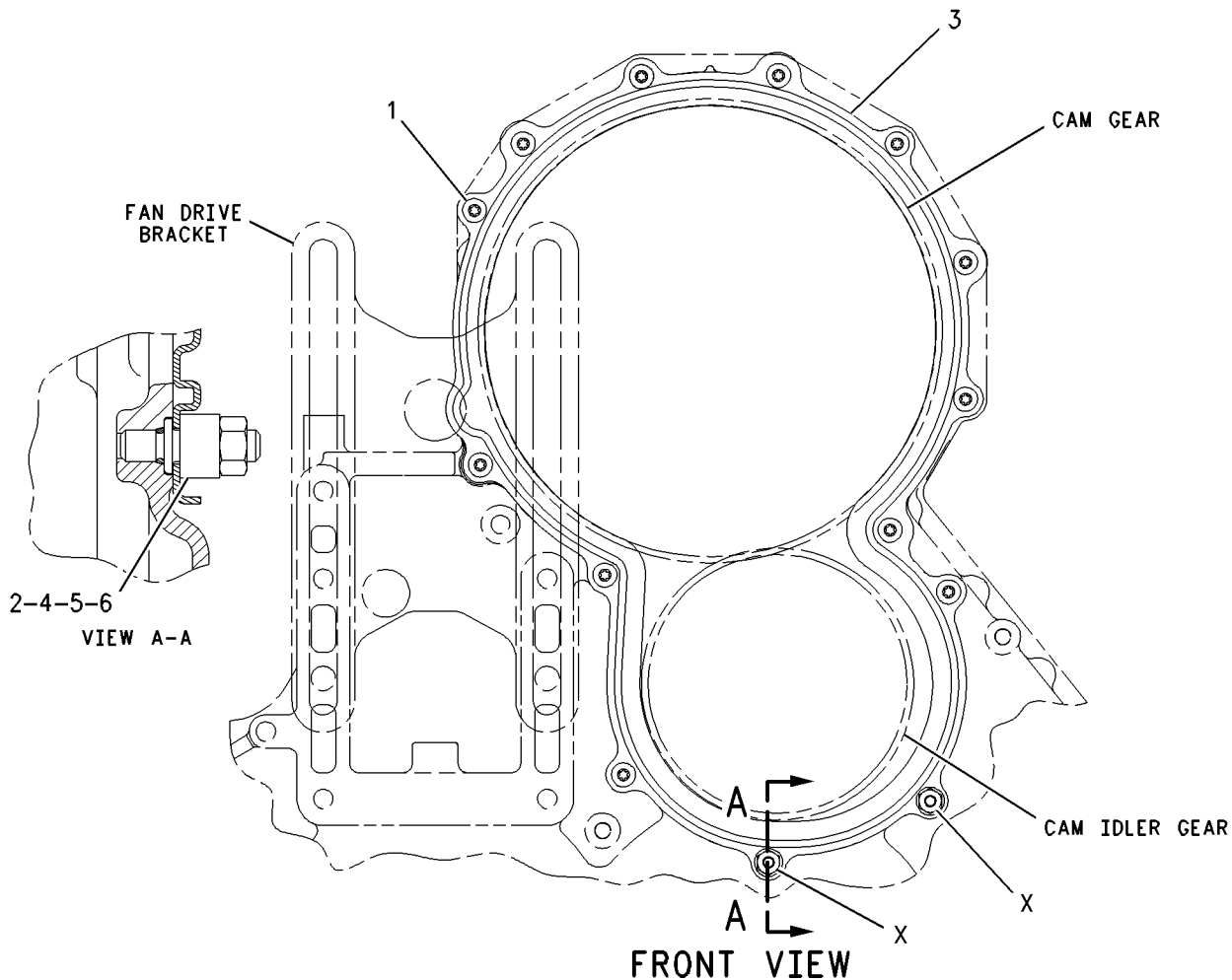
159-6159 COVER GP-FRONT HOUSING

S/N: TXL1-UP; L4X1-UP
CAM AND IDLER GEAR ACCESS
PART OF 365-3722 ENGINE AR-COMPLETE

SMCS-1151, 1166

i03784814

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

150-3135 COVER GP-VALVE MECHANISM

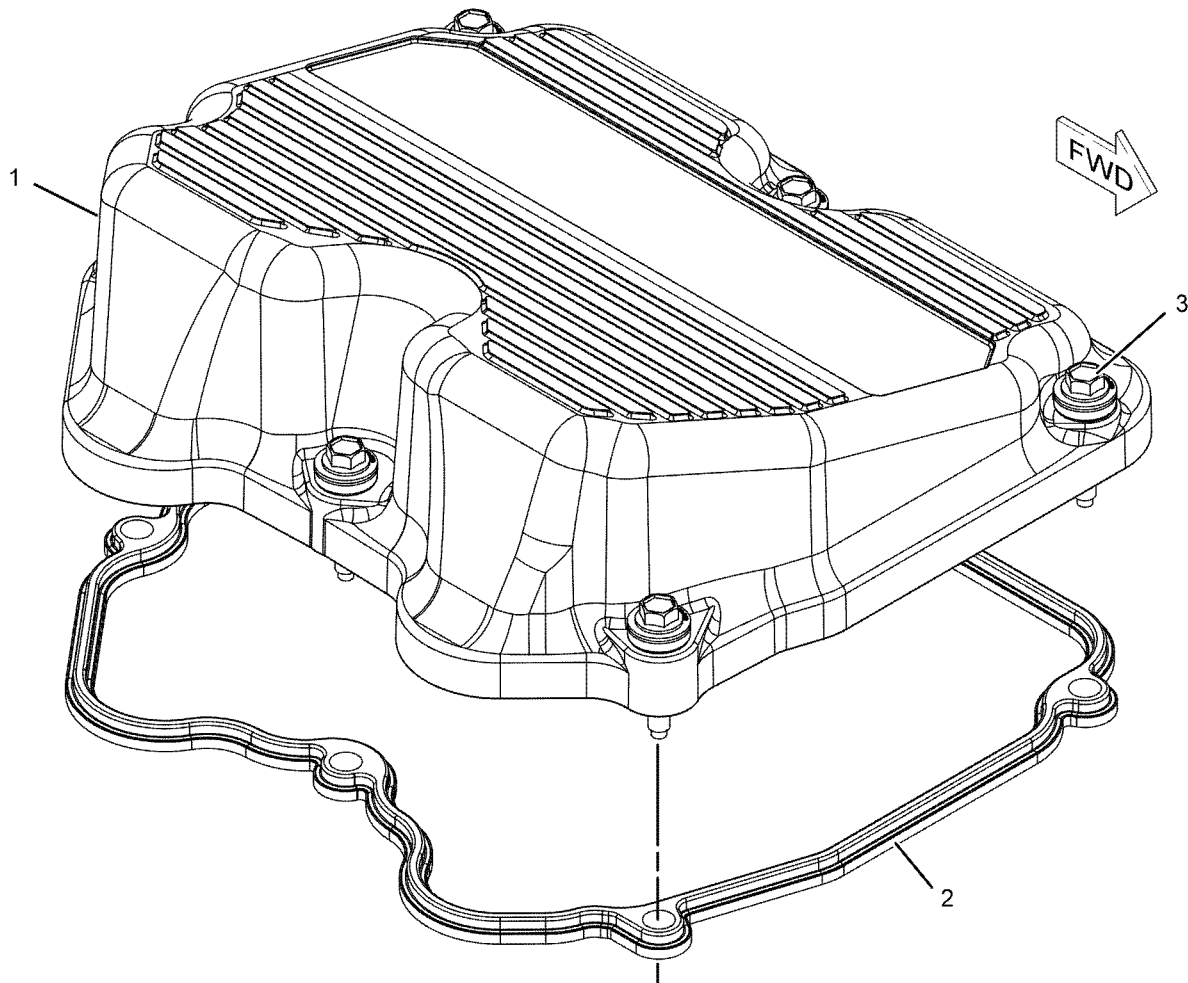
S/N: TXL1-UP; L4X1-UP

PART OF 325-3918 COVER GP-VALVE MECHANISM

SMCS-1107, 1120

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

325-3918 COVER GP-VALVE MECHANISM

S/N: TXL1-UP; L4X1-UP

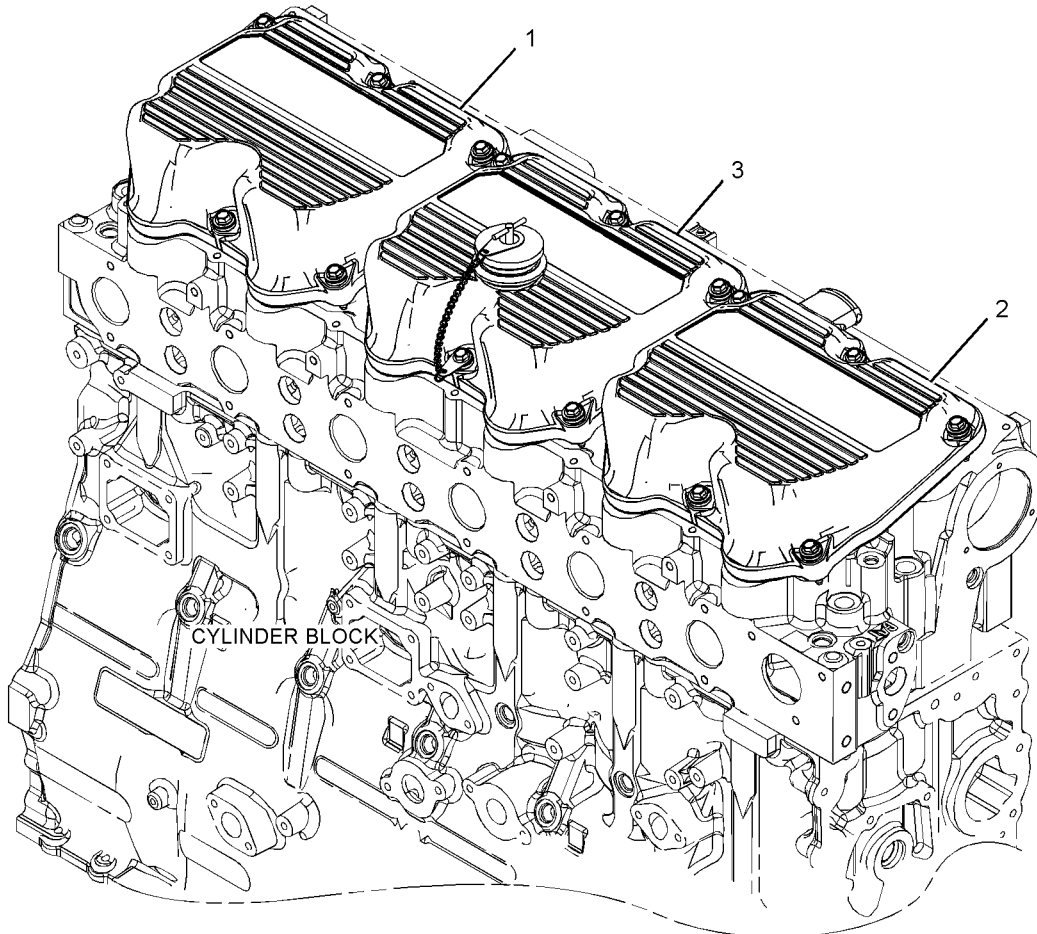
PART OF 365-3722 ENGINE AR-COMplete

FOR USE WITH OCV FILTER CONNECTED TO THE FRONT VALVE COVER. CANNOT BE USED
WITH APPLICATIONS THAT REQUIRE ADDING OIL WHILE THE ENGINE IS RUNNING AT
RATED SPEED

SMCS-1107, 1120

i03881160

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	1	COVER	GP - VALVE	MECHANISM				17
Y	2	1	341-6804	1	COVER	GP - VALVE	MECHANISM				19
Y	3	1	342-9154	1	COVER	GP - VALVE	MECHANISM				20
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g02168578

BASIC ENGINE

341-6804 COVER GP-VALVE MECHANISM

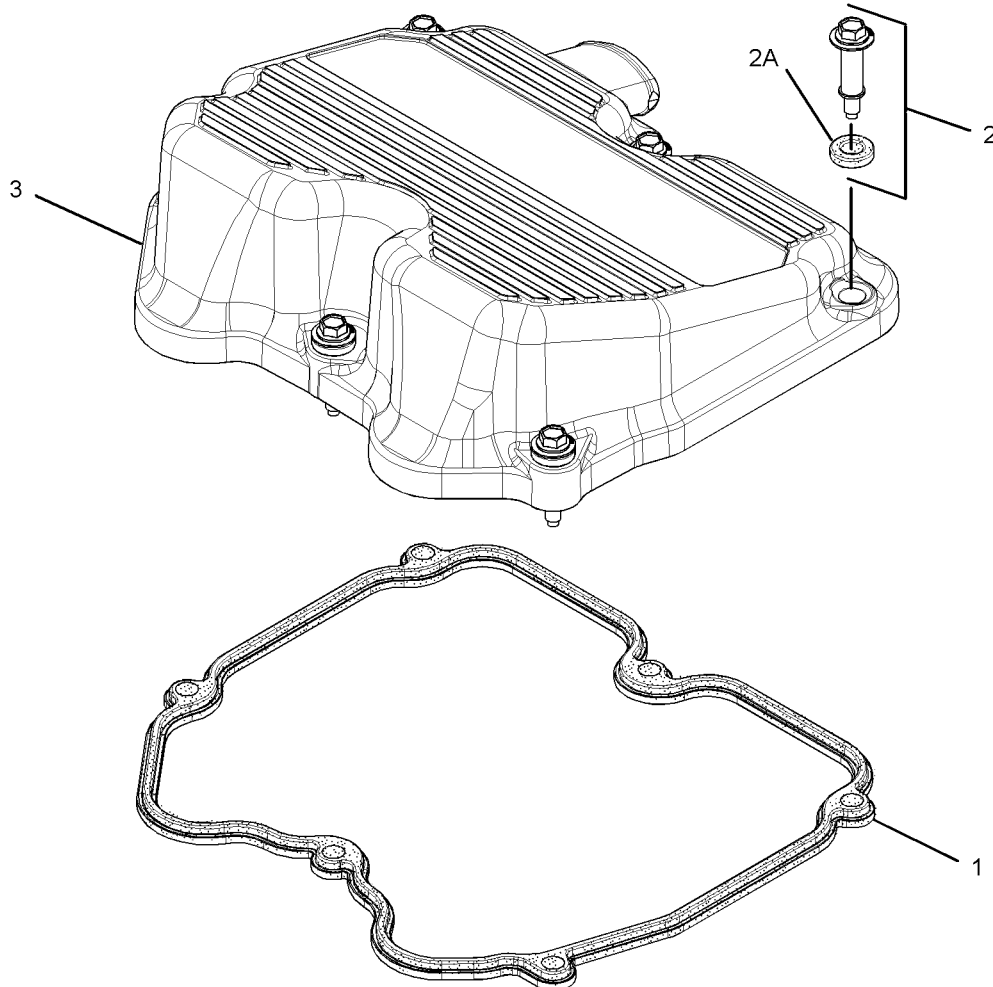
S/N: TXL1-UP; L4X1-UP

PART OF 325-3918 COVER GP-VALVE MECHANISM

SMCS-1107, 1120

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

342-9154 COVER GP-VALVE MECHANISM

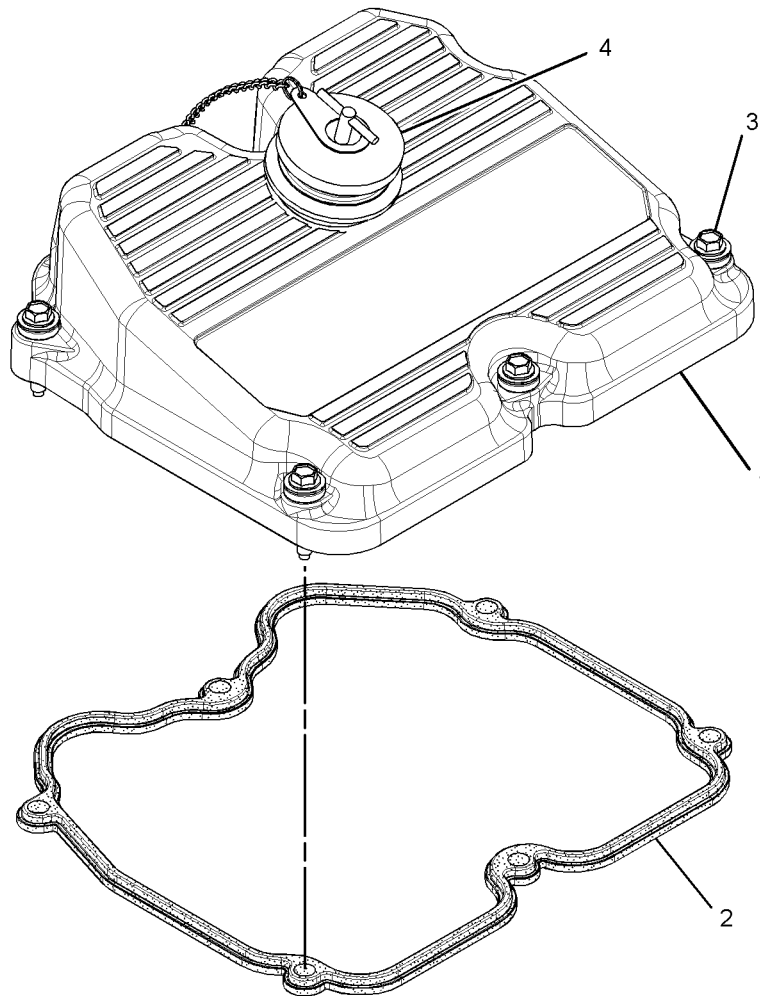
S/N: TXL1-UP; L4X1-UP

PART OF 325-3918 COVER GP-VALVE MECHANISM

SMCS-1107, 1120

i03671316

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	150-3136	1	COVER AS-VALVE MECHANISM						
		1	7C-6514	1	ADAPTER						
		1	272-2583	1	SEAL-O-RING						
	2	1	242-9537	1	SEAL-VALVE COVER						
	3	1	243-1159	6	FASTENER AS						
					(EACH INCLUDES)						
		1	149-7378	1	GROMMET						
	4	1	253-0552	1	CAP AS (ENGINE OIL FILL)						



GRAPHIC #1

<END>

g01887634

BASIC ENGINE

358-6885 CRANKSHAFT GP

S/N: TXL1-UP; L4X1-UP

PART OF 345-4408 ENGINE AR-CORE

SMCS-1202

i04223489

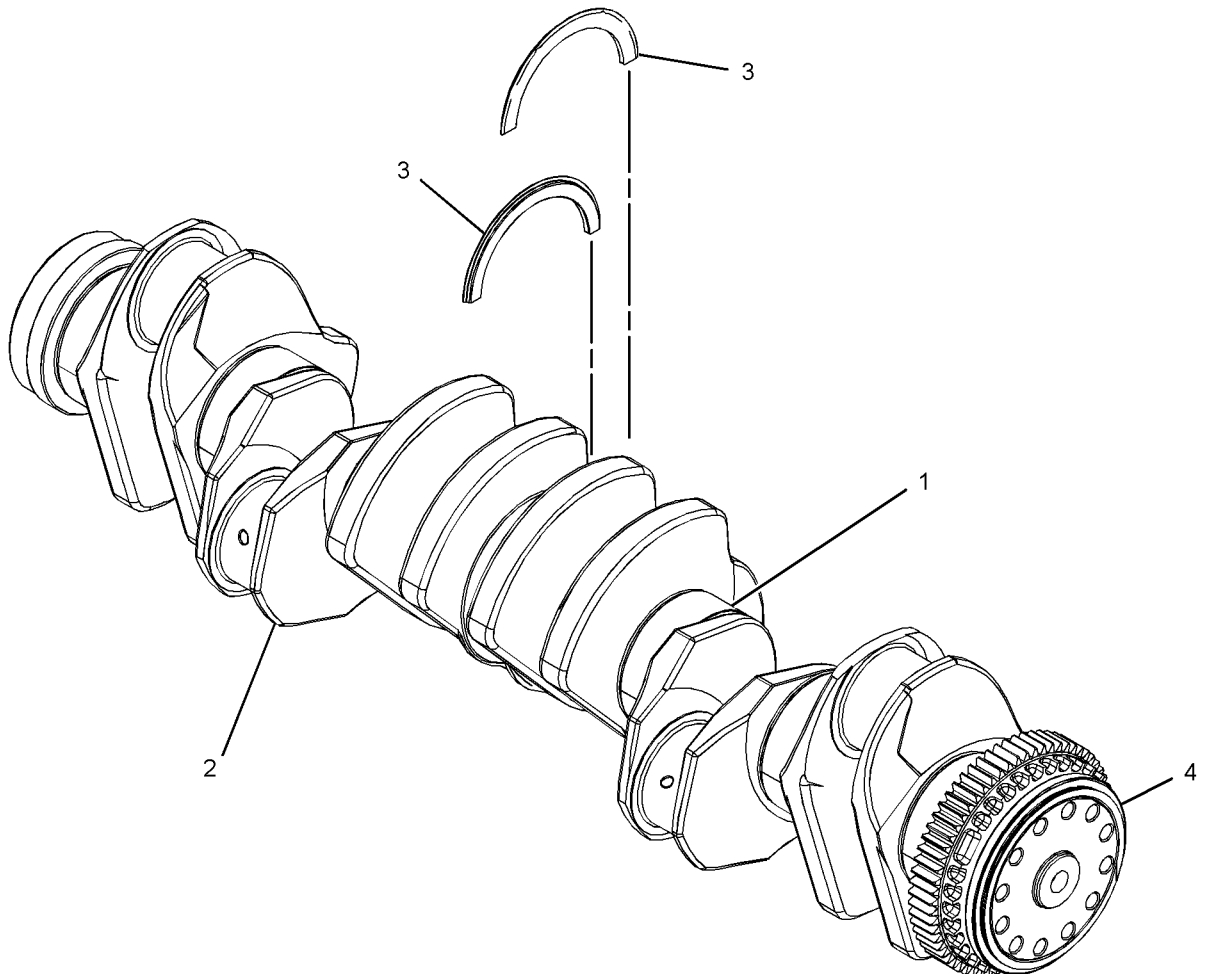
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
L	1	1	317-8766	7	BEARING-MAIN (STANDARD)	
AB		1	4W-5698	1	BEARING-MAIN (0.63-MM US)	
AB		1	4W-5699	1	BEARING-MAIN (1.27-MM US)	
AB		1	4W-5700	1	BEARING-MAIN (0.63-MM OS)	
AB		1	4W-5701	1	BEARING-MAIN (0.63-MM OS, 0.63-MM US)	
	2	1	352-1225	1	CRANKSHAFT AS	
		1	4N-0684	1	DOWEL	
		1	7S-5005	1	DOWEL	
		1	352-2001	1	GEAR-CRANKSHAFT	
L	3	1	253-1752	2	PLATE-THRUST	
Y	4	1	319-7401	1	SEAL GP-CRANKSHAFT (FRONT)	74
AVAILABLE REPAIR KIT(S):						
L			243-6718		KIT-CRANKSHAFT BEARING (STANDARD)	

A-NOT PART OF THIS GROUP

B-USE AS REQUIRED

L-PART MARKED L SERVICED BY KIT MARKED L

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02252713

BASIC ENGINE

357-1317 CYLINDER BLOCK AS

S/N: TXL1-UP; L4X1-UP

PART OF 358-6889 CYLINDER BLOCK GP

SMCS-1201

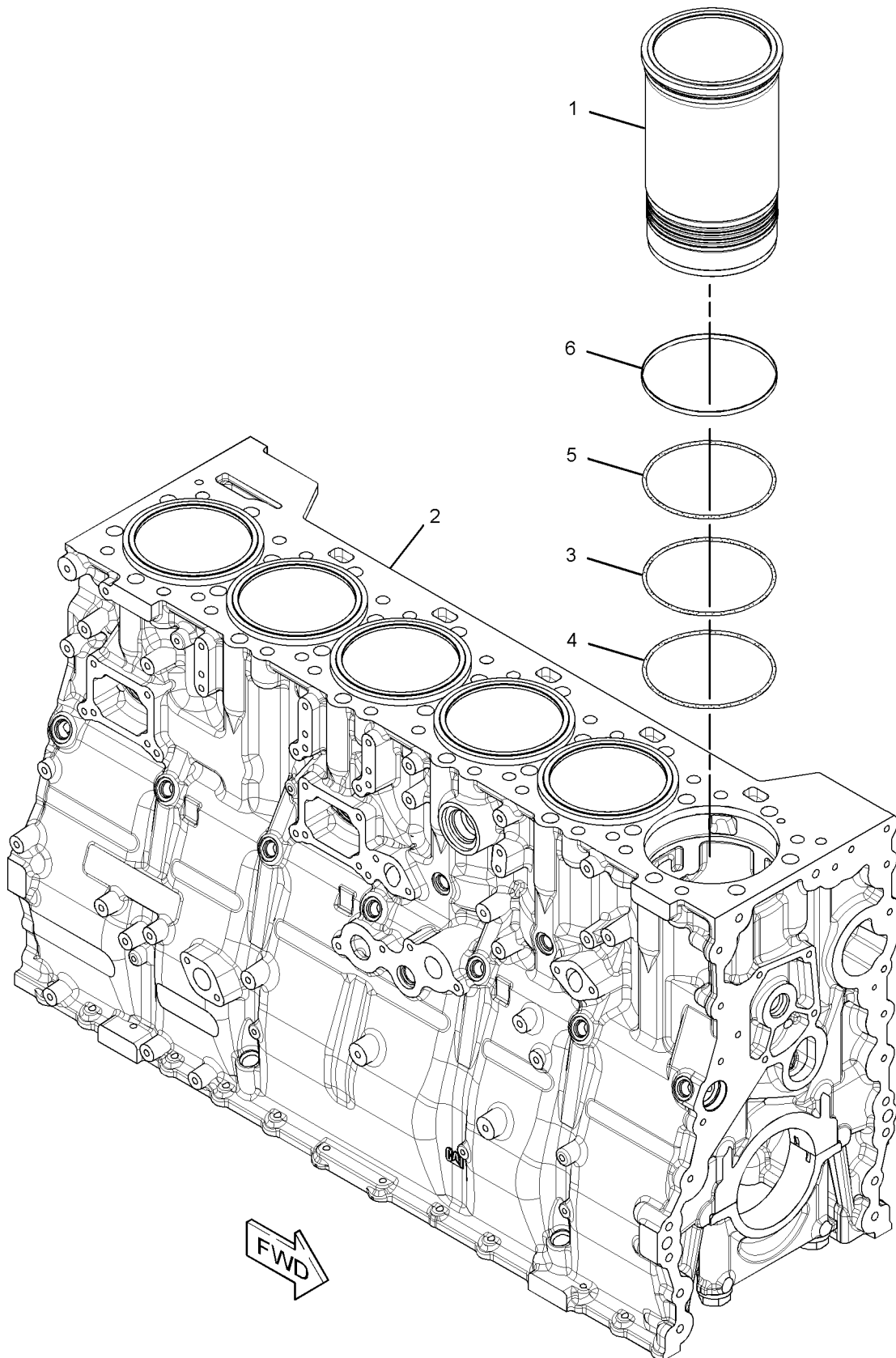
i04038557

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	197-9322	6	LINER-CYLINDER BLOCK						
	2	1	357-1315	1	CYLINDER BLOCK AS						
		1	3P-1323	14	BOLT-BEARING CAP (7/8-14X7.75-IN)						
		1	9H-1031	14	WASHER-HARD (24X41.5X6-MM THK)						
		1	167-8081	7	CAP-CRANKSHAFT BEARING						
	3	1	110-2220	6	SEAL-LINER						
	4	1	142-6217	6	SEAL-O-RING						
	5	1	142-7072	6	SEAL-LINER						
	6	1	9L-5854	6	BAND-FILLER (130.2-MM ID)						

BASIC ENGINE

357-1317 CYLINDER BLOCK AS (contd.)

i04038557



GRAPHIC #1

<END>

g02252373

BASIC ENGINE

358-6889 CYLINDER BLOCK GP

S/N: TXL1-UP; L4X1-UP

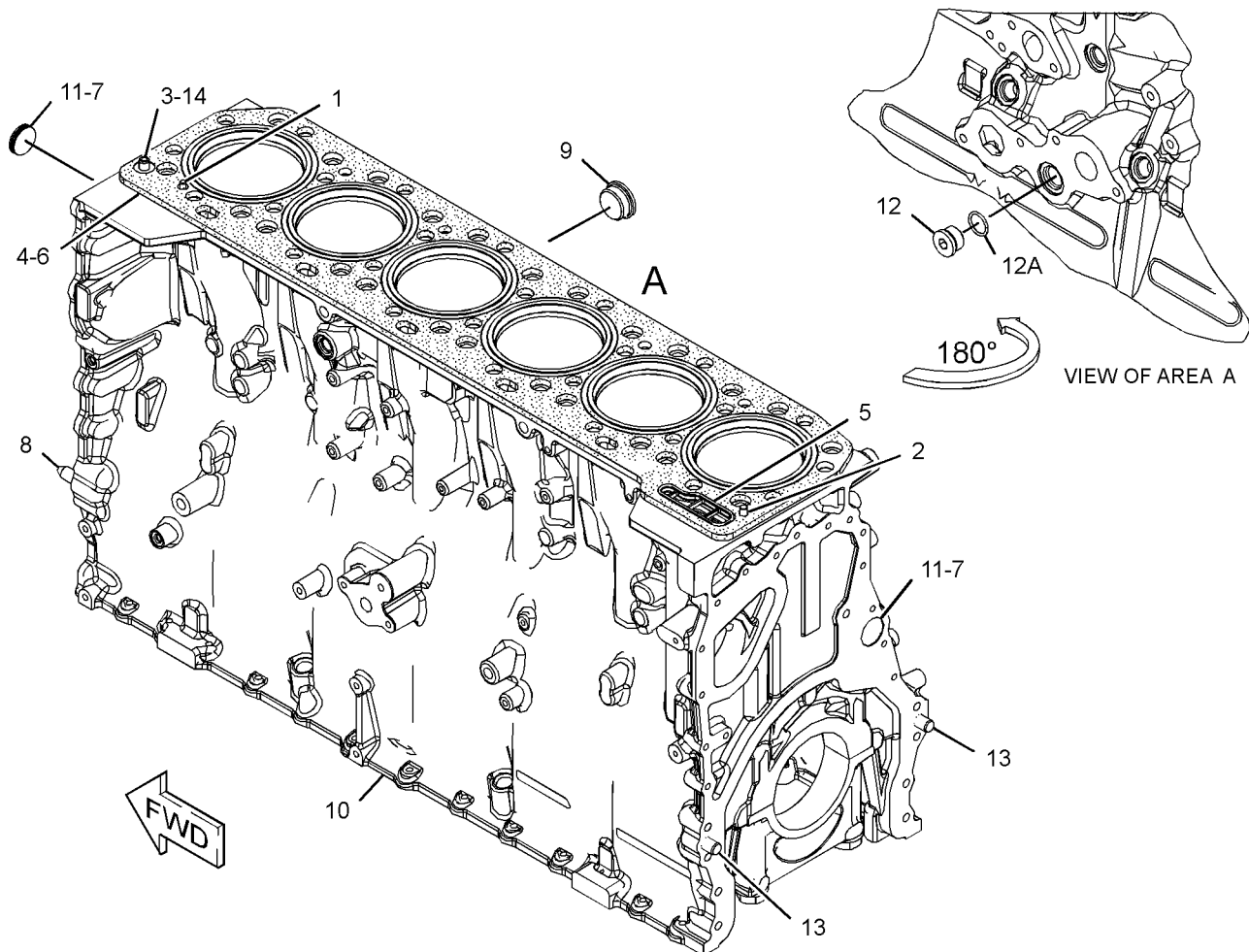
PART OF 345-4408 ENGINE AR-CORE

SMCS-1201

i04038585

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	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	227-1204	1	GASKET	
	7	1	230-3728	2	SEAL-O-RING	
	8	1	266-6038	2	DOWEL	
Y	9	1	305-9196	1	PLUG GP-CYLINDER BLOCK	65
Y	10	1	357-1317	1	CYLINDER BLOCK AS	22
	11	1	100-7399	2	PLUG	
	12	1	309-5131	1	PLUG AS	
		1	9S-8006	1	PLUG-O-RING	
	12A	1	238-5081	1	SEAL-O-RING	
	13	1	4N-0683	2	DOWEL	
	14	1	5P-0840	1	SEAL-O-RING	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02252715

BASIC ENGINE

281-1640 CYLINDER HEAD AS

S/N: TXL1-UP; L4X1-UP

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

SMCS-1100, 1101

i03804492

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	BUSHING (STANDARD)						
AB		1	217-0751		BUSHING (0.25-MM OS)						
AB		1	217-0752		BUSHING (0.762-MM OS)						
AB		1	261-3429		BUSHING (1.778-MM OS)						
AB		1	261-3430		BUSHING (1.27-MM OS)						
	3	1	226-5561	12	INSERT-VALVE SEAT (EXHAUST) (STANDARD)						
AB		1	288-4883		INSERT-VALVE SEAT (0.51-MM OS, EXHAUST)						
AB		1	288-4884		INSERT-VALVE SEAT (0.76-MM OS, EXHAUST)						
	4	1	263-4920	6	SLEEVE-INJECTOR (INLET)						
	6	1	280-3979	12	INSERT-VALVE SEAT (INLET) (STANDARD)						
AB		1	288-4881		INSERT-VALVE SEAT (INLET) (0.51-MM OS)						
AB		1	288-4882		INSERT-VALVE SEAT (0.76-MM OS, INLET)						
	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						

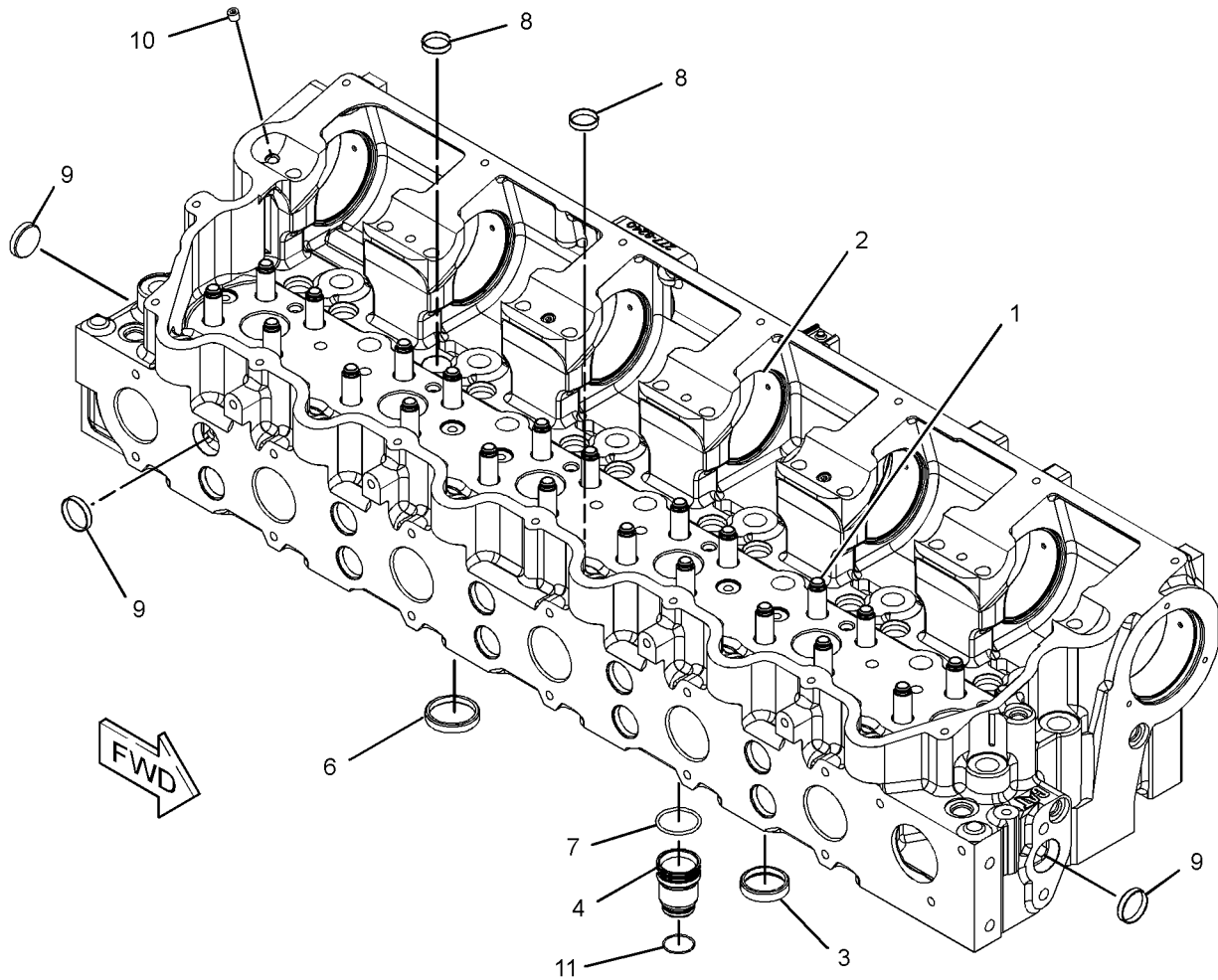
A-NOT PART OF THIS GROUP

B-USE AS REQUIRED

BASIC ENGINE

281-1640 CYLINDER HEAD AS (contd.)

i03804492



GRAPHIC #1

<END>

g01207161

BASIC ENGINE

263-5055 CYLINDER HEAD GP*R

S/N: TXL1-UP; L4X1-UP

PART OF 274-1953 CYLINDER HEAD GP

SMCS-1100

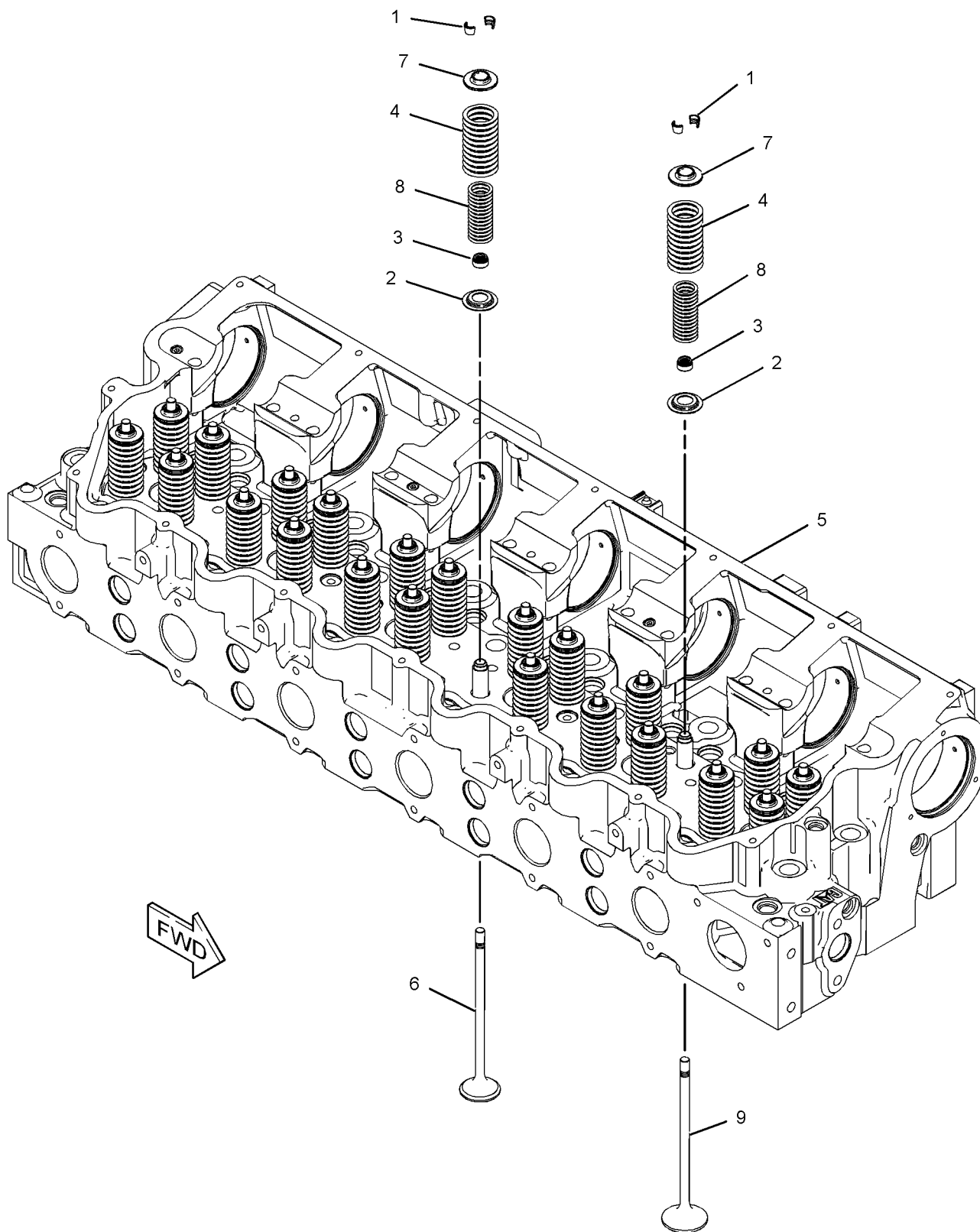
i02857219

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	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						25
	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: TXL1-UP; L4X1-UP

PART OF 345-4408 ENGINE AR-CORE

SMCS-1100

i03895782

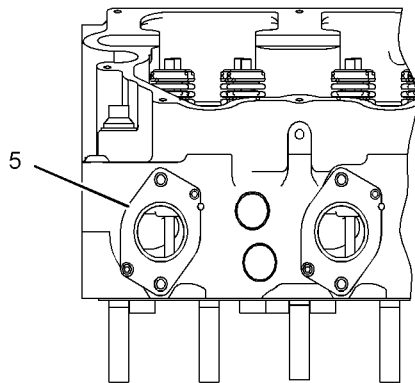
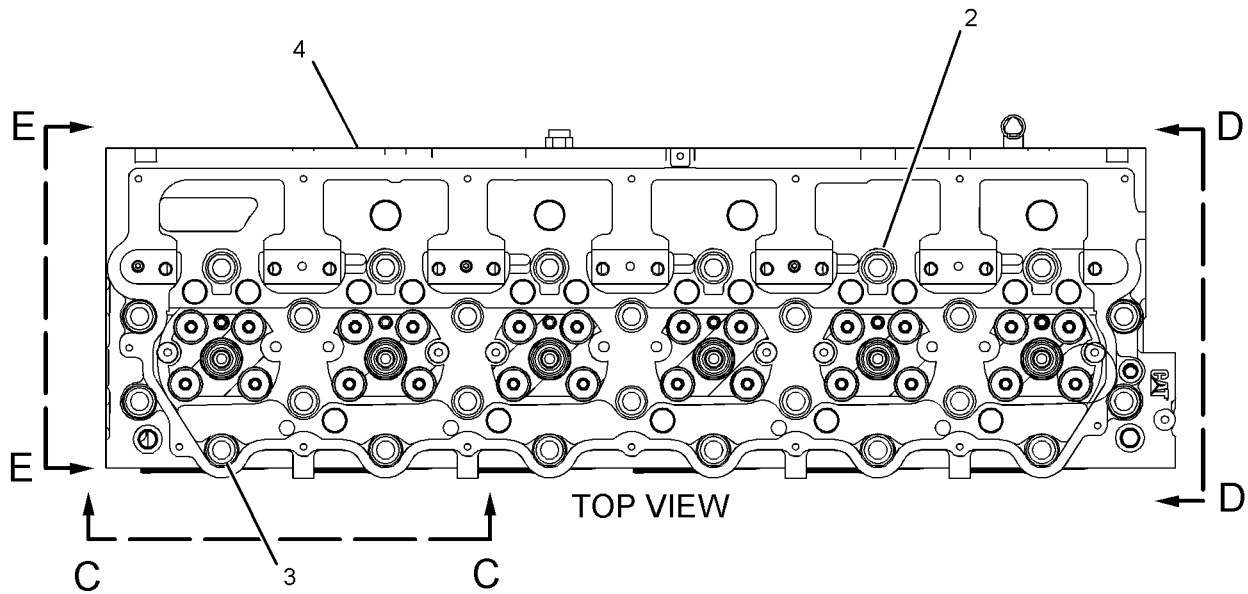
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3E-6772	24	SEAL						
	2	1	6I-4025	16	FASTENER GP-CYLINDER HEAD						
					(EACH INCLUDES)						
		1	5H-1504	1	WASHER-HARD (20X33.5X5-MM THK)						
		1	124-1855	1	BOLT-12 POINT HEAD (3/4-16X7.638-IN)						
	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						27
	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-O-RING						

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

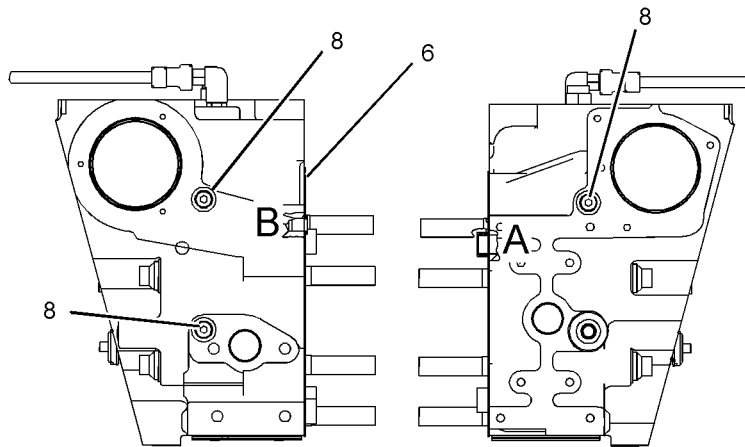
BASIC ENGINE

274-1953 CYLINDER HEAD GP (contd.)

i03895782

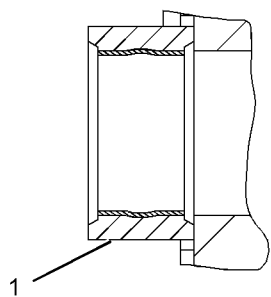


VIEW C-C

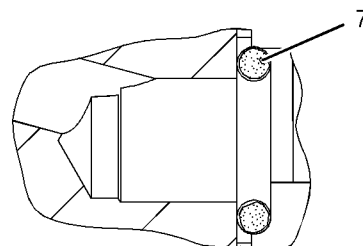


VIEW D-D

VIEW E-E



VIEW OF AREA A



VIEW OF AREA B

GRAPHIC #1

<END>

g01648636

BASIC ENGINE

227-3705 DAMPER GP

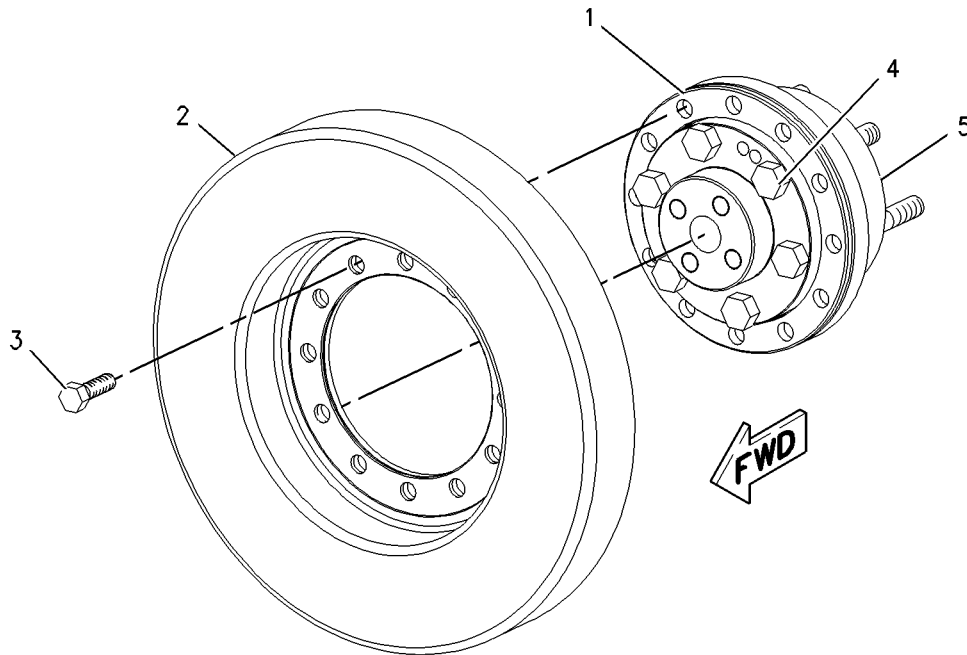
S/N: TXL1-UP; L4X1-UP

PART OF 365-3722 ENGINE AR-COMPLETE

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

206-4227 DRIVE GP-ACCESSORY

S/N: TXL1-UP; L4X1-UP

PART OF 365-3722 ENGINE AR-COMPLETE

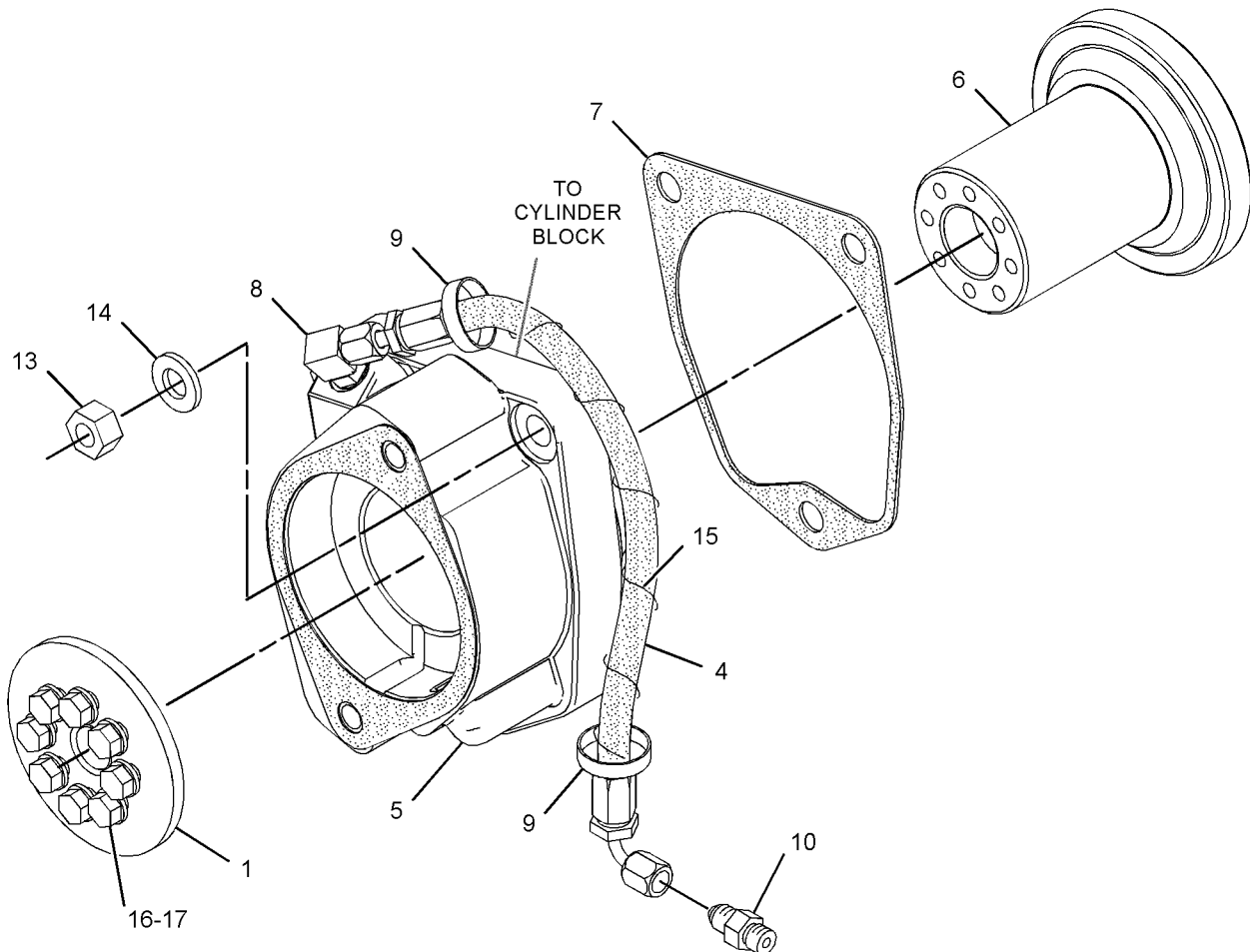
SMCS-1207

i04003735

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	331-0052	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 (15.49-MM ID, SPLIT) (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

S/N: TXL1-UP; L4X1-UP

LEFT HAND REARWARD FACING SAE 2 BOLT FLANGE WITH SPLINE DRIVE

PART OF 365-3722 ENGINE AR-COMPLETE

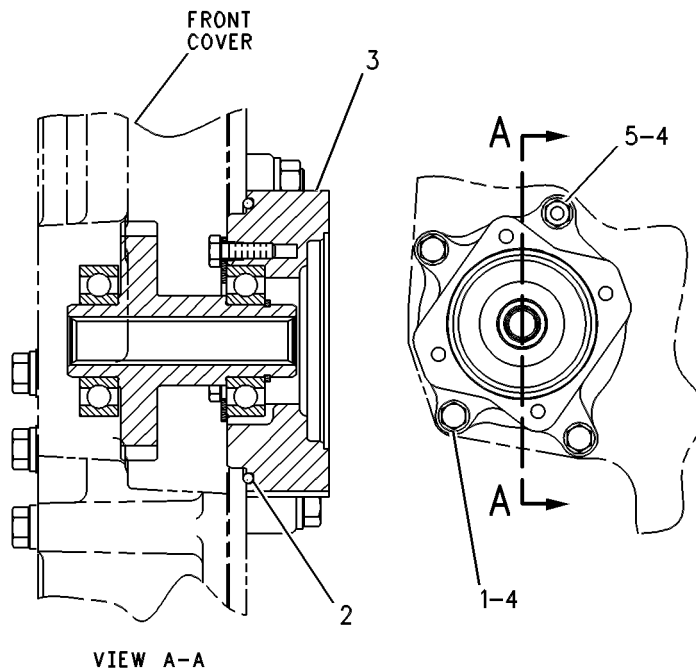
FOR USE WITH THE 2.5 BASE MODULE LARGE CAM GEAR TRAIN, CUSTOMER SUPPLIED SAE
"A" PUMP WITH 11 TOOTH 16/32 DEPTH SPLINE

SMCS-1017, 3108

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						8
	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

329-7052 ENGINE BRAKE GP

S/N: TXL1-UP; L4X1-UP

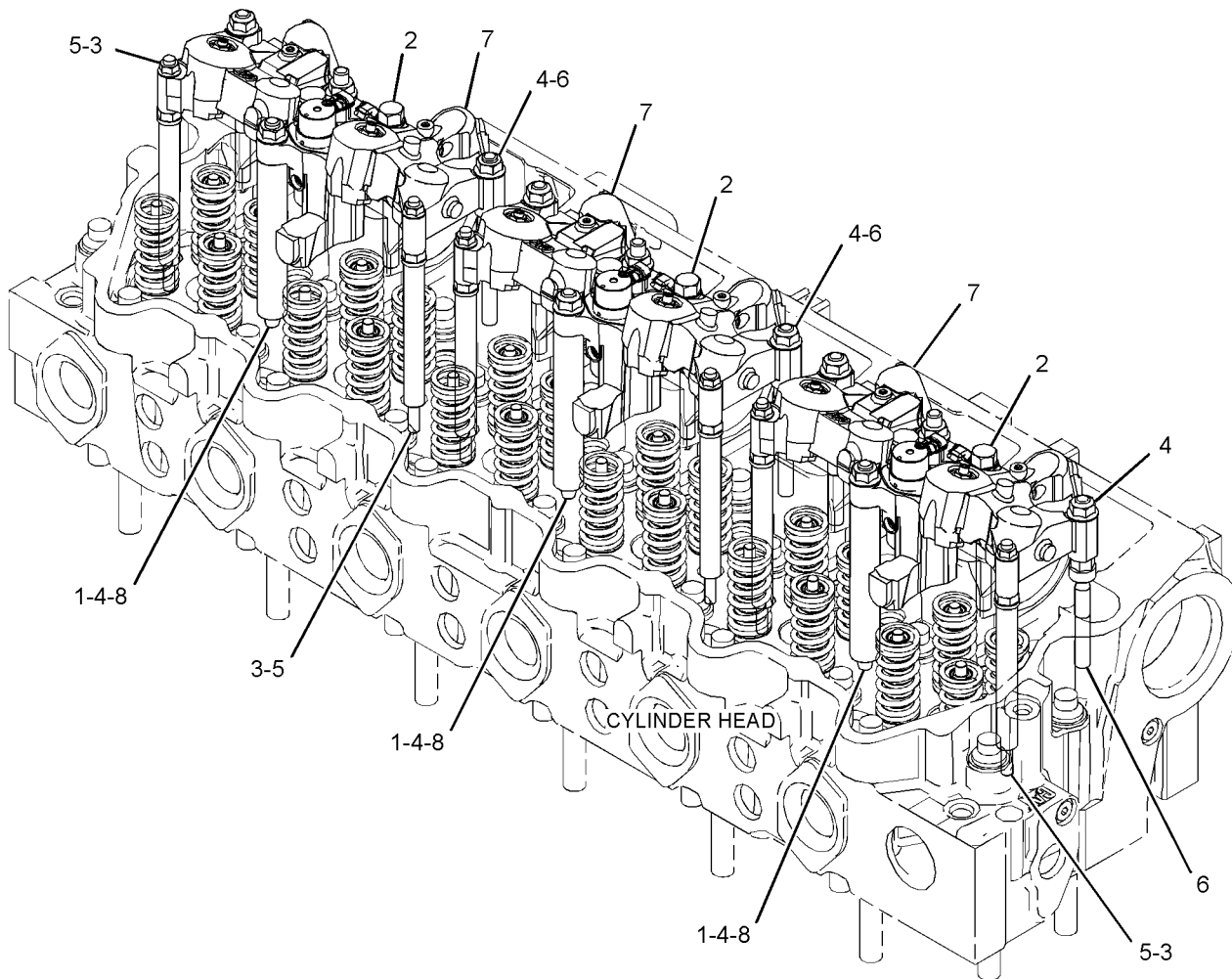
PART OF 365-3722 ENGINE AR-COMPLETE

SMCS-1129

i03862281

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	234-9505	3	SUPPORT	
	2	1	234-9508	3	BOLT (1/2-13X5.65-IN)	
	3	1	235-1088	6	NUT (3/8-16-THD)	
	4	1	235-1089	12	NUT-FLANGE (1/2-13-THD)	
	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)	
	6	1	304-9553	9	STUD (1/2-12X166.5-MM)	
Y	7	1	330-1919	3	ENGINE BRAKE GP	35
	8	1	8T-7062	3	STUD-TAPERLOCK (1/2-13X55, 1/2-13X21-MM)	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02196595

BASIC ENGINE

330-1919 ENGINE BRAKE GP

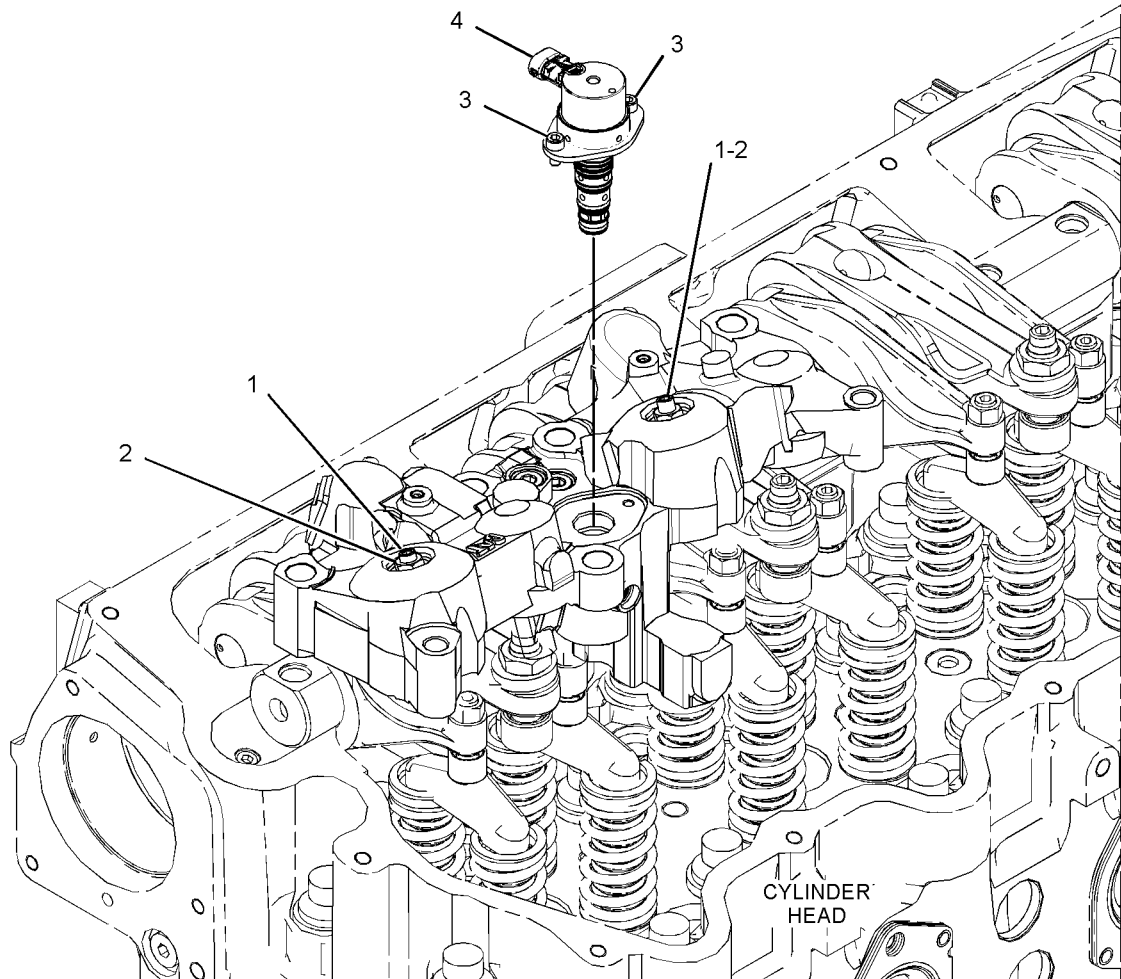
S/N: TXL1-UP; L4X1-UP

PART OF 329-7052 ENGINE BRAKE GP

SMCS-1129

i03862282

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	230-9447	2	NUT-JAM						
	3	1	236-5958	2	BOLT						
	4	1	250-9378	1	VALVE AS-BRAKE						



GRAPHIC #1

<END>

g02165006

BASIC ENGINE

4P-6846 FASTENER GP-FRONT HOUSING

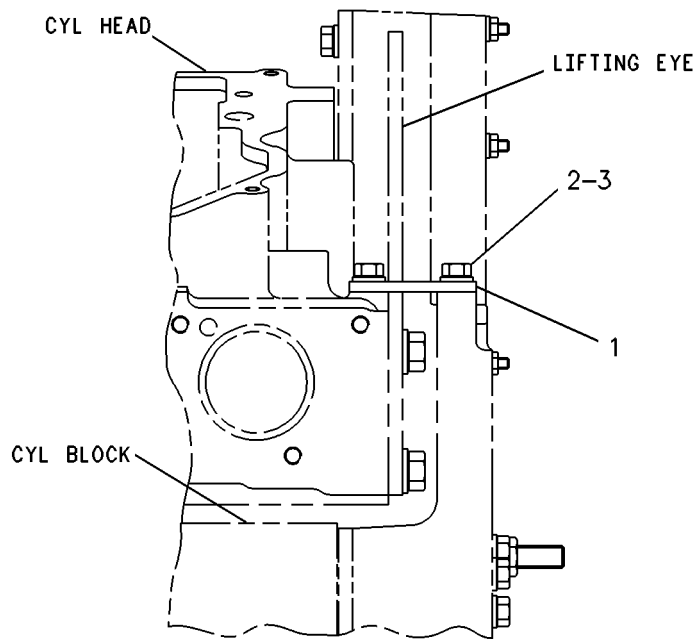
S/N: TXL1-UP; L4X1-UP

PART OF 365-3722 ENGINE AR-COMplete

SMCS-1151

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: TXL1-UP; L4X1-UP

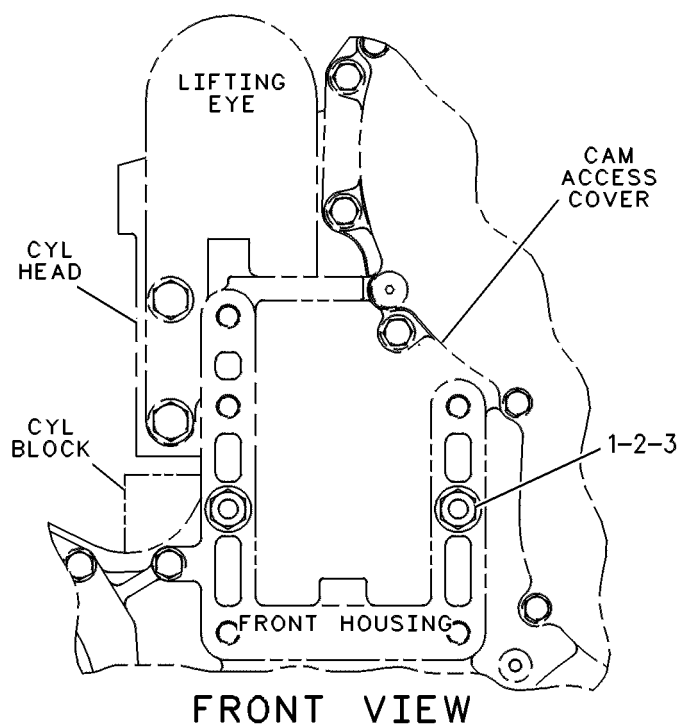
PART OF 365-3722 ENGINE AR-COMplete

FOR USE WITH FRONT HOUSING WHEN FAN DRIVE IS NOT INSTALLED

SMCS-1151

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						



FRONT VIEW

GRAPHIC #1

<END>

g00237936

BASIC ENGINE

334-1197 FASTENER GP-FRONT HOUSING

S/N: TXL1-UP; L4X1-UP

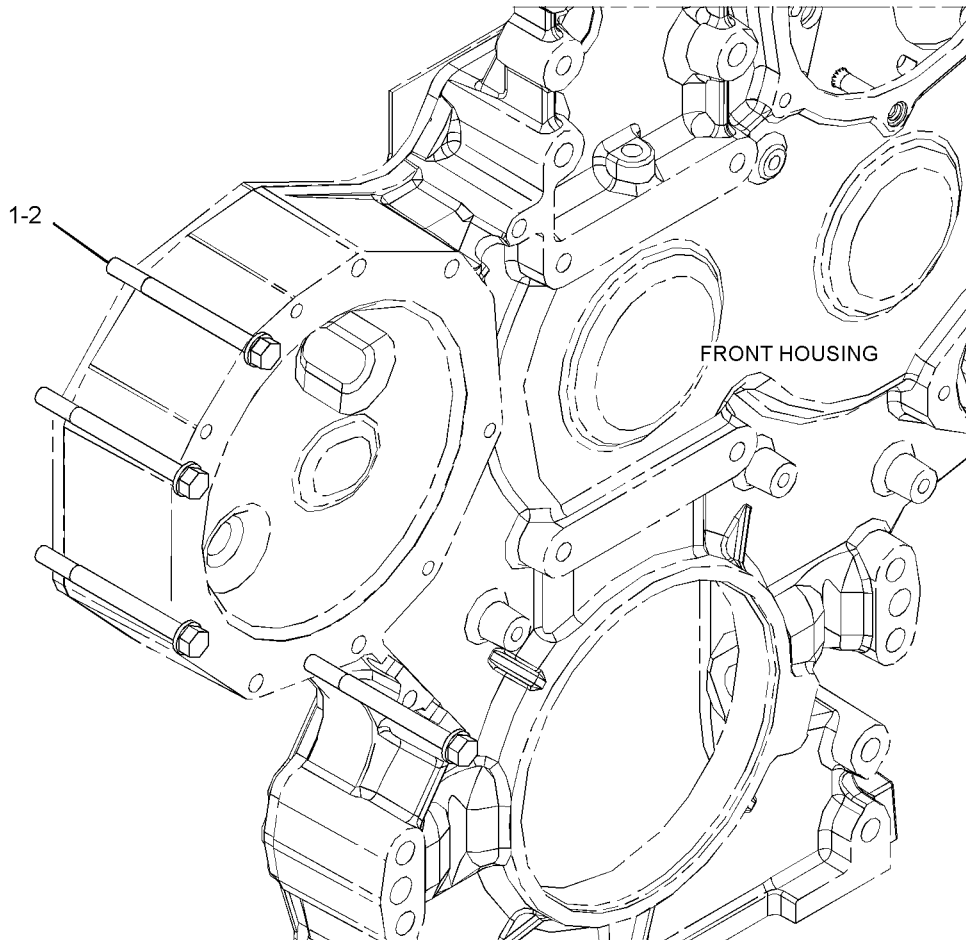
PART OF 365-3722 ENGINE AR-COMplete

FOR USE WITH APPLICATIONS WITH FRONT SOUND PANEL GP ONLY

SMCS-1151

i04174250

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	0T-0055	4	BOLT (3/8-16X4.25-IN)	
	2	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5-MM THK)	



GRAPHIC #1

<END>

g02370600

BASIC ENGINE

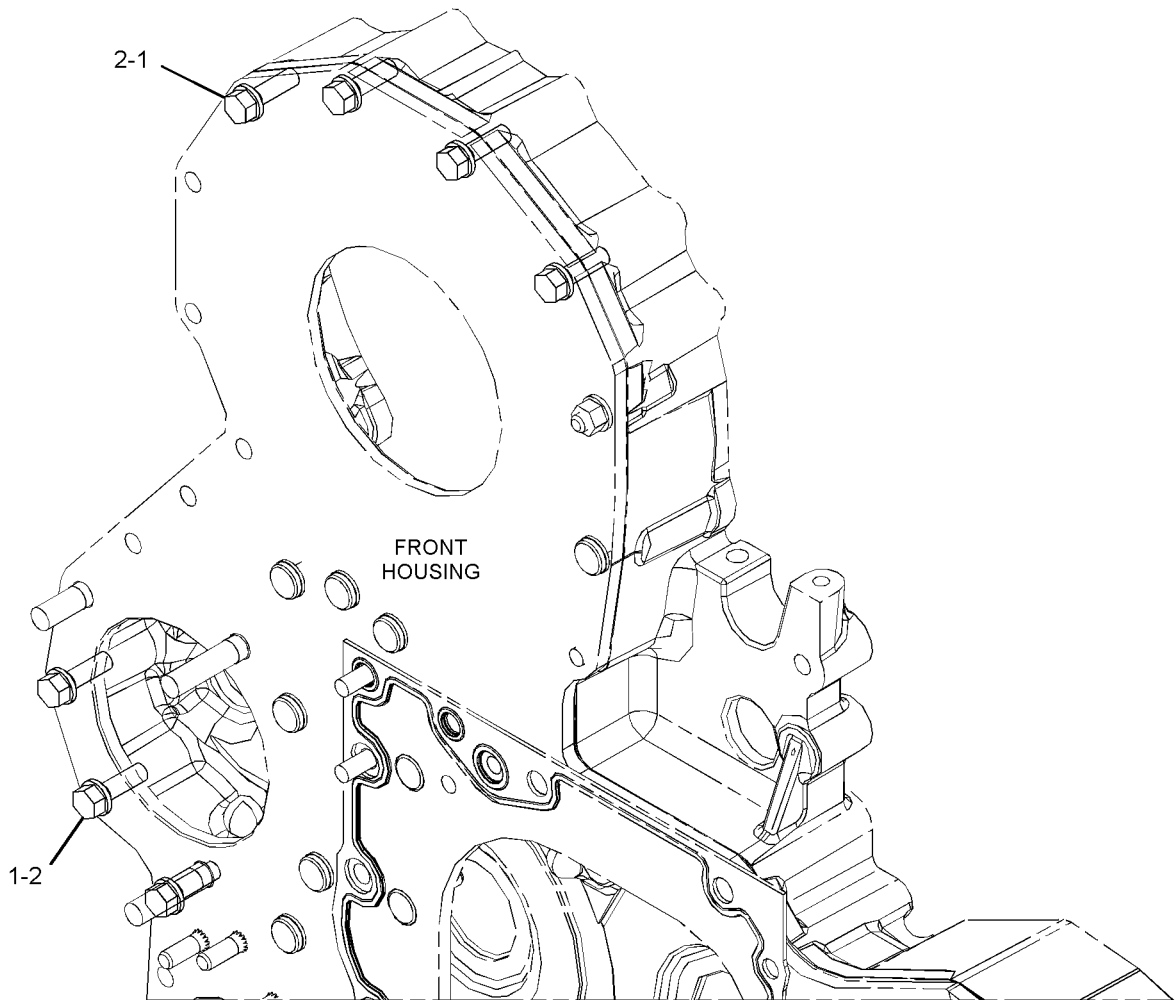
352-8798 FASTENER GP-FRONT HOUSING

S/N: TXL1-UP; L4X1-UP
PART OF 365-3722 ENGINE AR-COMPLETE

SMCS-1151

i03825210

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	OS-1588	7	BOLT (3/8-16X1.25-IN)						
	2	1	5M-2894	7	WASHER-HARD (10.2X18.5X2.5-MM THK)						



GRAPHIC #1

<END>

g02079343

BASIC ENGINE

176-7007 FASTENER GP-OIL PAN

S/N: TXL1-UP; L4X1-UP

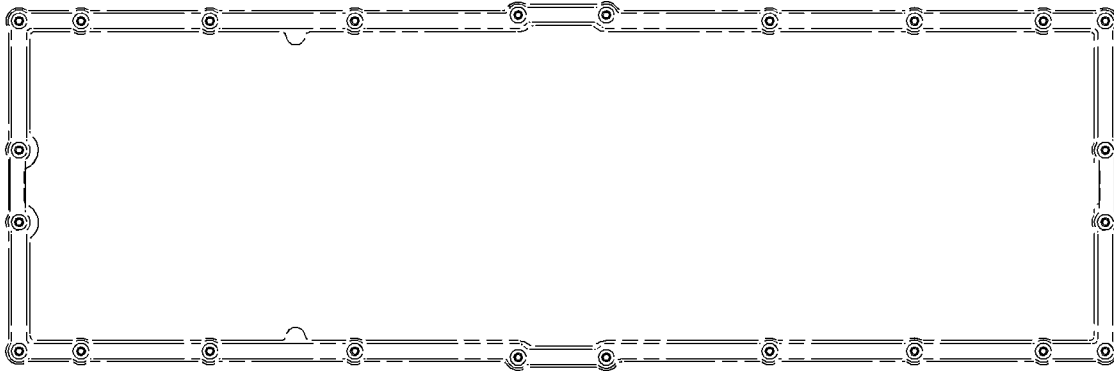
PART OF 365-3722 ENGINE AR-COMPLETE

FOR USE WITH STANDARD OIL PAN, FRONT OR REAR SUMP

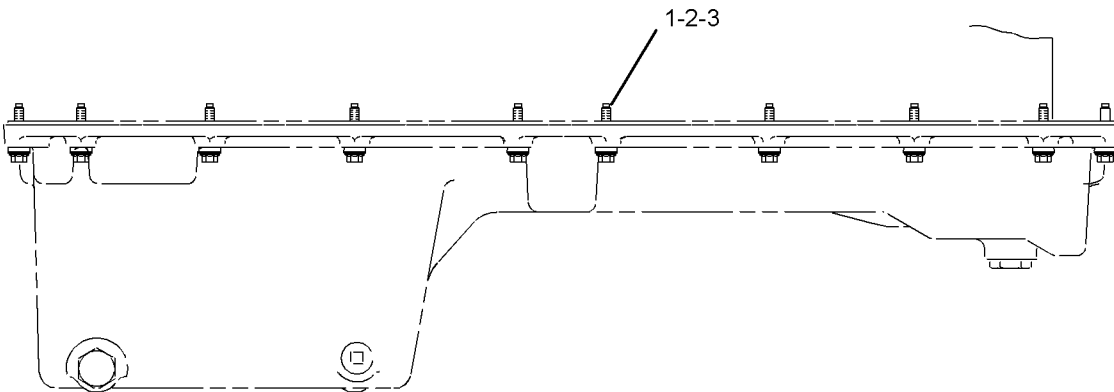
SMCS-1302

i02145839

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	0L-2070	24	BOLT (3/8-16X2.25-IN)						
	2	1	9L-9132	24	WASHER (10.2X25.5X2.5-MM THK)						
	3	1	240-1614	24	SLEEVE AS						



TOP VIEW



RIGHT SIDE VIEW

<END>

GRAPHIC #1

g01032166

BASIC ENGINE

219-4438 FLYWHEEL GP

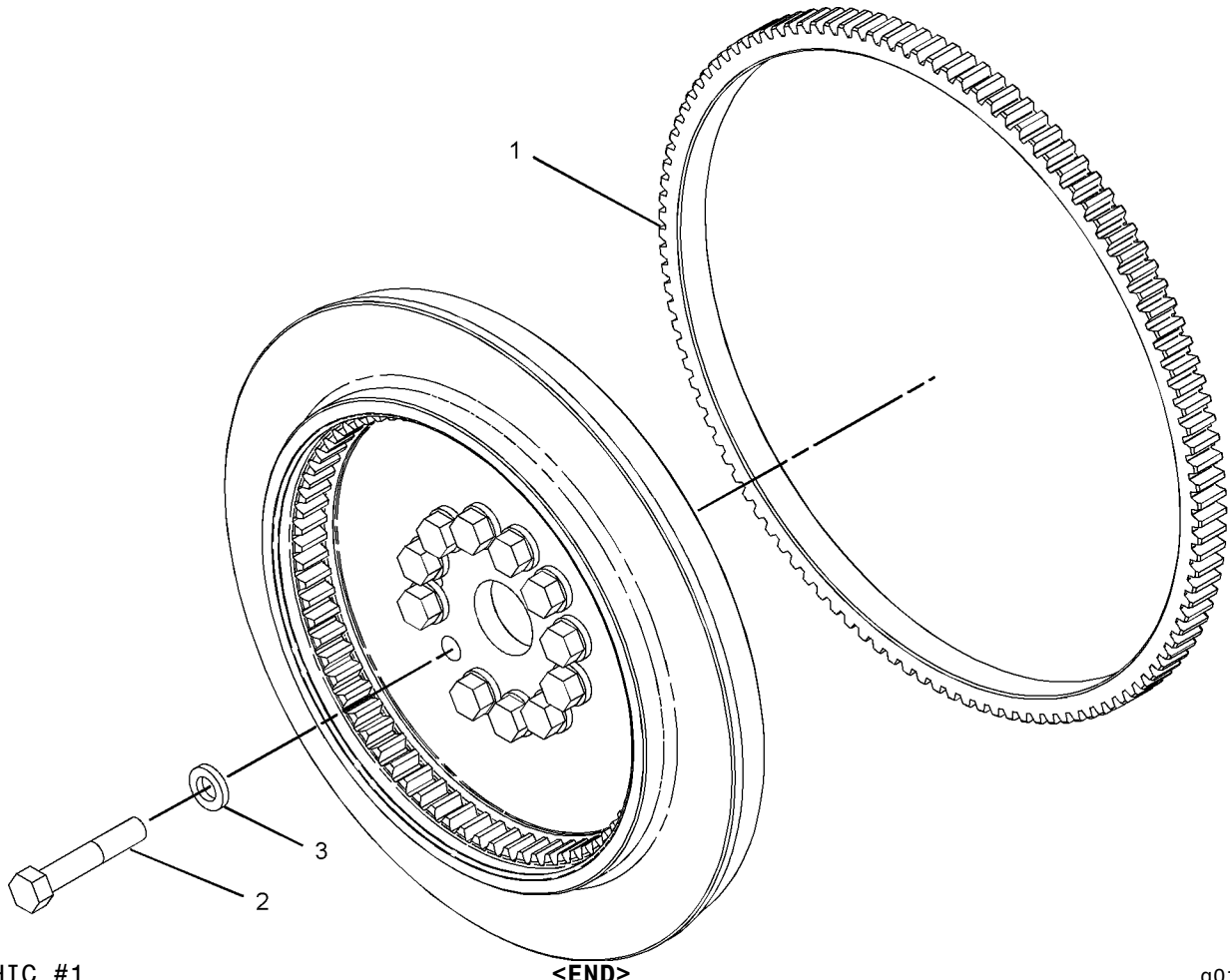
S/N: TXL1-UP; L4X1-UP

PART OF 365-3722 ENGINE AR-COMPLETE

SMCS-1156

i02039952

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	236-4417	1	FLYWHEEL AS						
		1	4N-2514	1	GEAR (113-TEETH)						
	2	1	0S-1602	12	BOLT (5/8-18X3.5-IN)						
	3	1	4D-3704	12	WASHER-HARD (17X30X5-MM THK)						



GRAPHIC #1

<END>

g01052710

BASIC ENGINE

249-3360 GEAR GP-CAMSHAFT

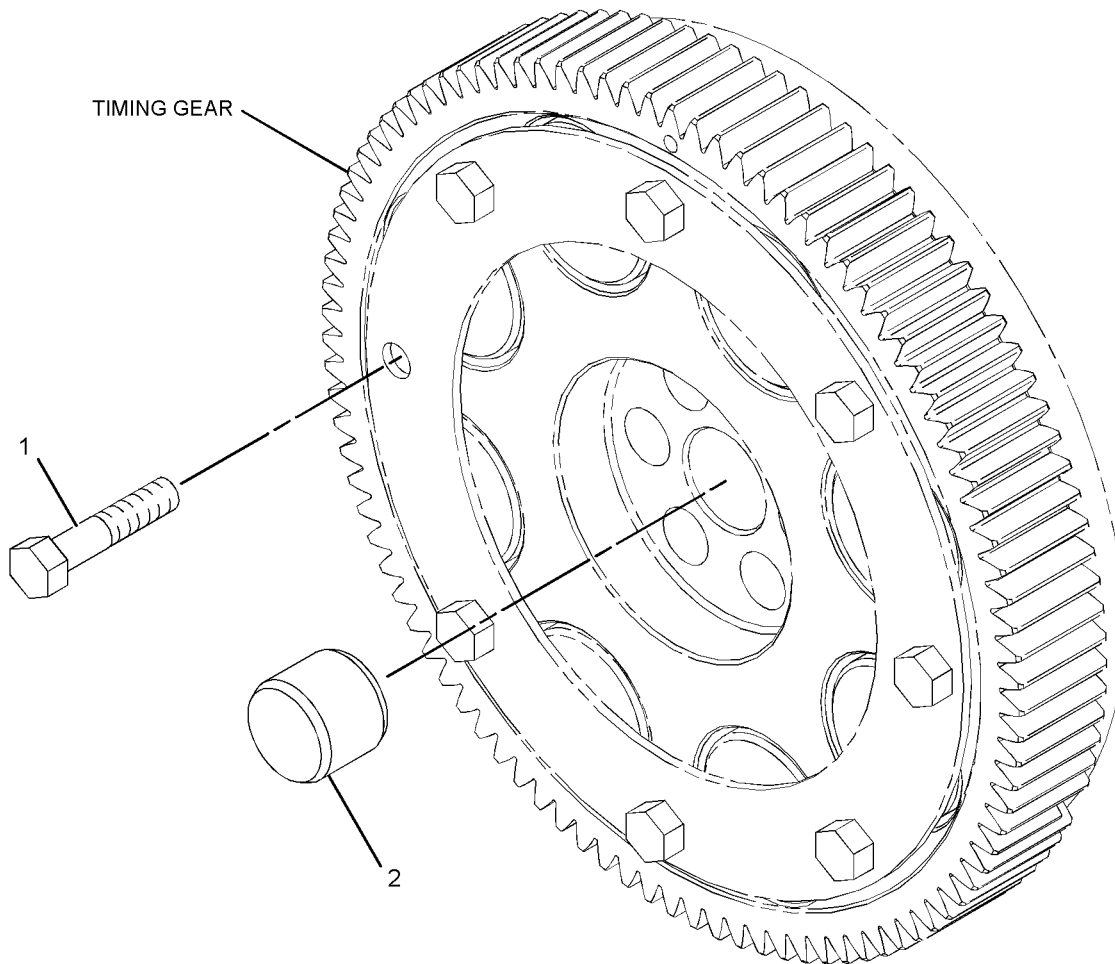
S/N: TXL1-UP; L4X1-UP

PART OF 358-6884 GEAR GP-FRONT

SMCS-1212

i02411846

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



GRAPHIC #1

<END>

g01207068

BASIC ENGINE

358-6884 GEAR GP-FRONT

S/N: TXL1-UP; L4X1-UP

PART OF 345-4408 ENGINE AR-CORE

SMCS-1206

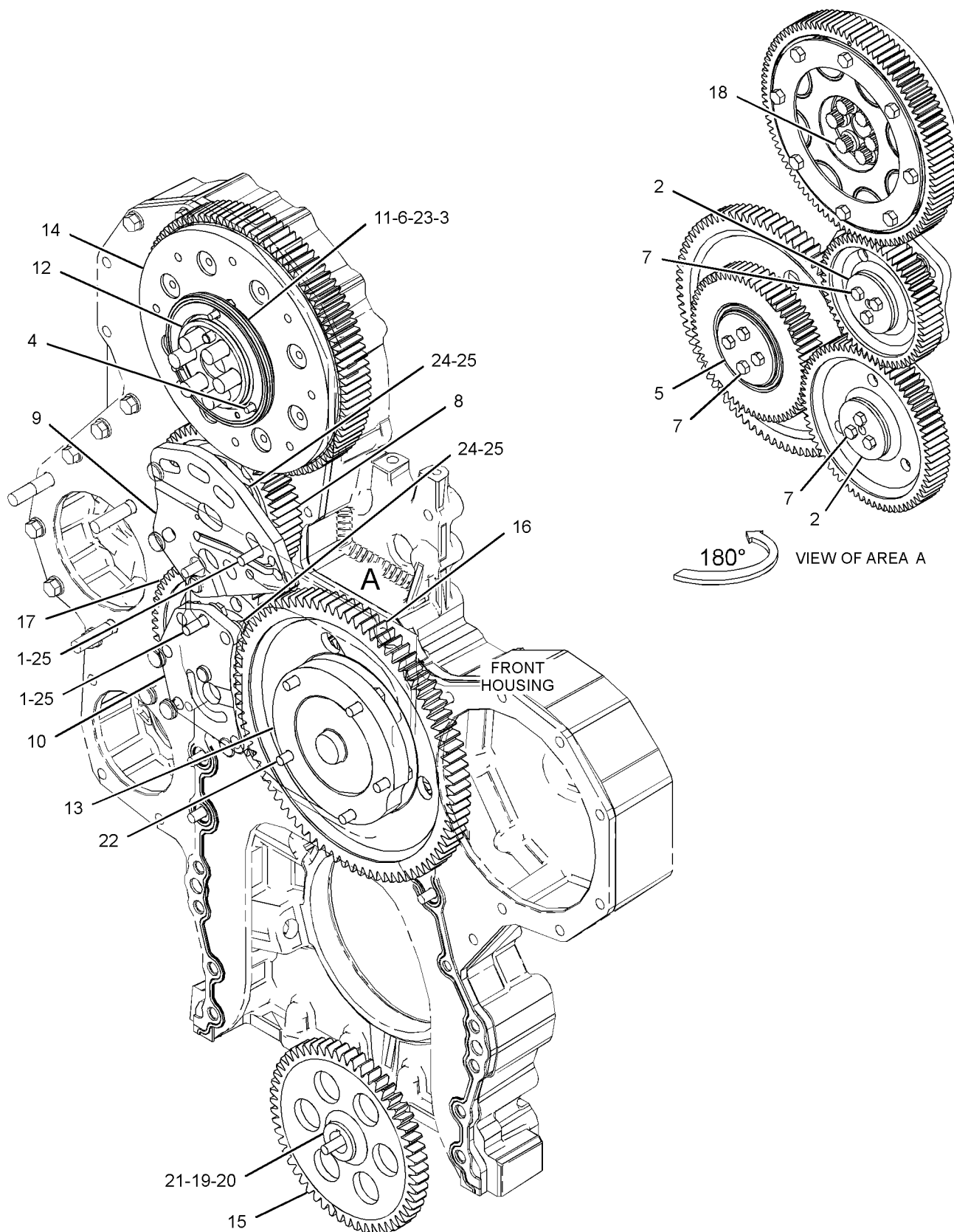
i04052265

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-4142	2	BOLT-LOCKING (3/8-16X1.5-IN)						
	2	1	6I-3624	2	PLATE-THRUST						
	3	1	102-5861	1	PLATE-THRUST						
	4	1	107-0583	3	BOLT-LOCKING (1/4-20X0.87-IN)						
	5	1	112-9217	1	PLATE-THRUST						
	6	1	117-8801	1	SEAL-O-RING						
	7	1	126-1756	10	BOLT-LOCKING (5/16-18X0.875-IN)						
	8	1	130-4701	1	GEAR AS (56-TEETH)						
		1	130-4698	1	BUSHING						
	9	1	151-5966	1	SHAFT AS-STUB						
		1	6I-3623	1	DOWEL						
	10	1	158-3416	1	SHAFT-STUB						
	11	1	159-1533	1	PLATE-SEALING						
	12	1	159-8524	1	ADAPTER AS						
		1	6V-3677	1	DOWEL						
	13	1	197-4971	1	SHAFT-STUB						
Y	14	1	249-3360	1	GEAR GP-CAMSHAFT						42
	15	1	352-2003	1	GEAR						
	16	1	352-9728	1	GEAR AS (84, 63-TEETH)						
		1	1B-8705	1	KEY-WOODRUFF						
		1	131-7123	1	BUSHING						
	17	1	352-9731	1	GEAR AS-IDLER (71-TEETH)						
		1	101-8468	1	BUSHING						
	18	1	031-3185	6	BOLT-12 POINT HEAD (5/8-11X3-IN)						
	19	1	0S-1571	1	BOLT (3/8-16X1.75-IN)						
	20	1	1B-8705	1	KEY-WOODRUFF						
	21	1	1P-7346	1	WASHER-HARD (10.2X35X6-MM THK)						
	22	1	2J-3118	5	BOLT-LOCKING (3/8-16X1.25-IN)						
	23	1	5E-8771	1	SEAL-O-RING						
	24	1	9S-8752	10	NUT-FULL (3/8-16-THD)						
	25	1	9X-6458	12	WASHER-HARD (10.2X22.5X3-MM THK)						
Y-SEPARATE ILLUSTRATION											

BASIC ENGINE

358-6884 GEAR GP - FRONT (contd.)

i04052265



GRAPHIC #1

<END>

g02290934

BASIC ENGINE

188-9134 GEAR GP-REAR

S/N: TXL1-UP; L4X1-UP

PART OF 365-3722 ENGINE AR-COMPLETE

SMCS-1206

i04273531

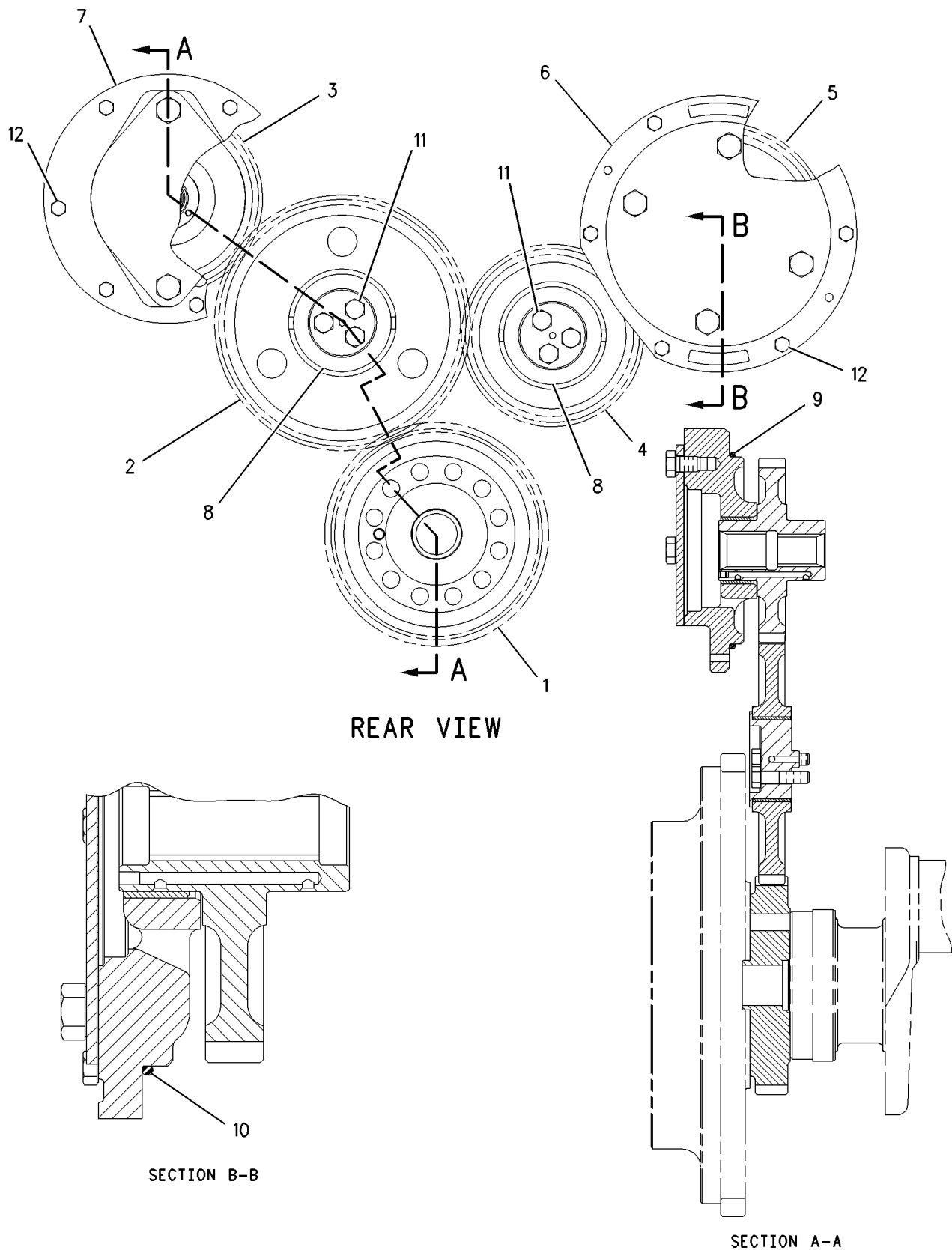
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	9Y-2094	1	GEAR AS-CRANKSHAFT (68-TEETH)	
		1	4N-0684	1	DOWEL	
	2	1	9Y-1981	1	GEAR AS-IDLER (78-TEETH)	
		1	1W-4738	1	BUSHING	
C	3	1	187-8197	1	GEAR AS (57-TEETH)	
		1	4F-6024	1	PIN	
	4	1	9Y-1985	1	GEAR AS-IDLER (55-TEETH)	
		1	1W-4738	1	BUSHING	
C	5	1	187-8196	1	GEAR AS (68-TEETH)	
		1	4F-6024	1	PIN	
C	6	1	222-1832	1	ADAPTER AS	
		1	160-8184	1	BUSHING	
C	7	1	222-1833	1	ADAPTER AS	
		1	160-8184	1	BUSHING	
	8	1	9Y-2092	2	RETAINER-IDLER	
	9	1	3F-1547	1	SEAL-O-RING (189.86MM ID)	
	10	1	6V-5141	1	SEAL-O-RING (221.62MM ID)	
	11	1	1A-1460	6	BOLT (1/2-13X2-IN)	
	12	1	3B-1915	12	BOLT (3/8-16X1.375-IN)	

C-CHANGE FROM PREVIOUS TYPE

BASIC ENGINE

188-9134 GEAR GP-REAR (contd.)

i04273531



GRAPHIC #1

<END>

g00766502

BASIC ENGINE

365-9897 GUARD GP-BELT

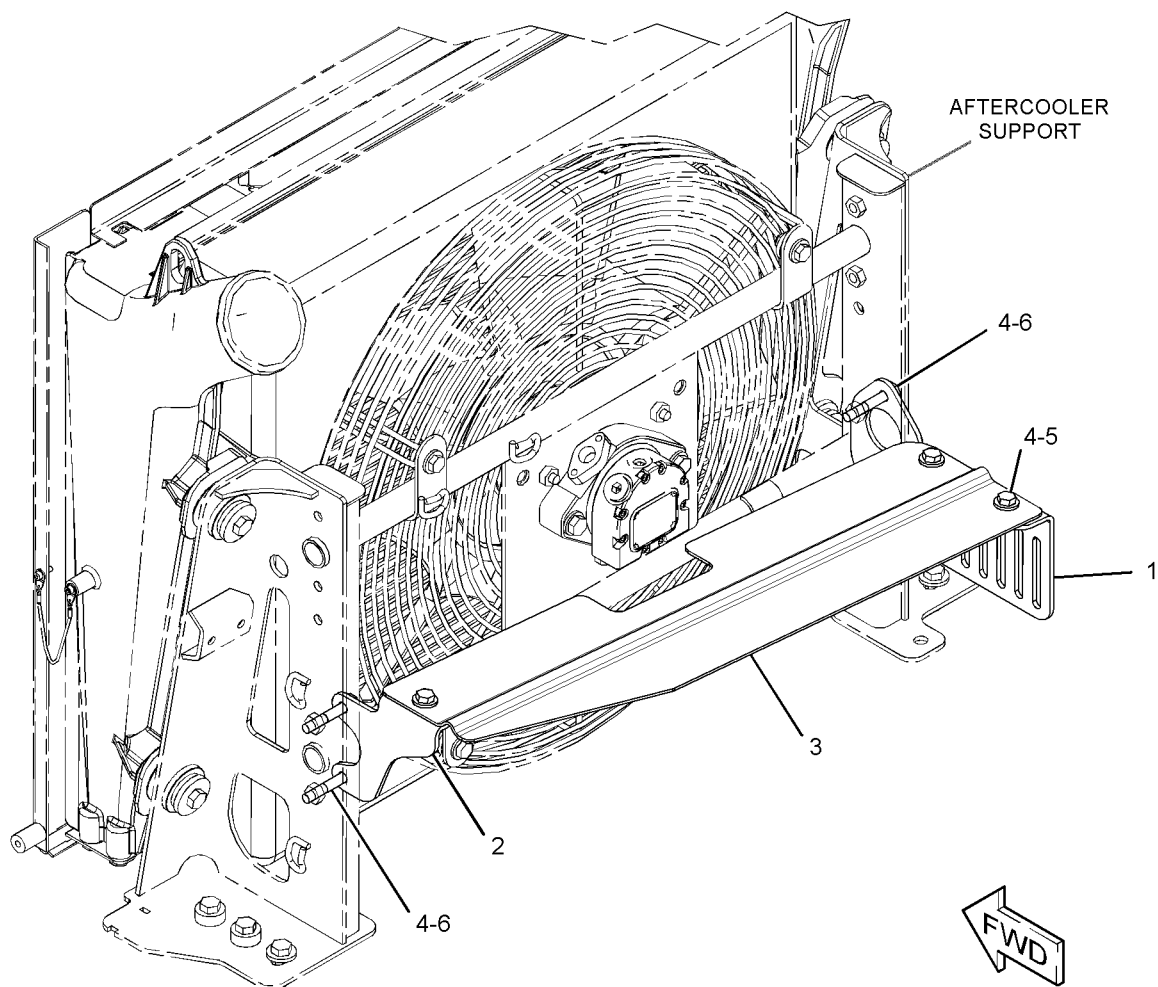
S/N: T4R1-UP

PART OF 291-8722 POWER TRAIN AR

SMCS-1357, 7174

i04171527

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	365-9899	1	BRACKET AS						
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)						
	2	1	365-9901	1	BRACKET AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	3	1	365-9902	1	PLATE						
	4	1	7X-7729	7	WASHER (11X25X3-MM THK)						
M	5	1	8T-4136	3	BOLT (M10X1.5X25-MM)						
M	6	1	8T-6466	4	BOLT (M10X1.5X60-MM)						
M-METRIC PART											



GRAPHIC #1

<END>

g02389036

BASIC ENGINE

347-1507 HOUSING GP-FLYWHEEL

S/N: TXL1-UP; L4X1-UP

PART OF 365-3722 ENGINE AR-COMPLETE

SMCS-1157

i04273569

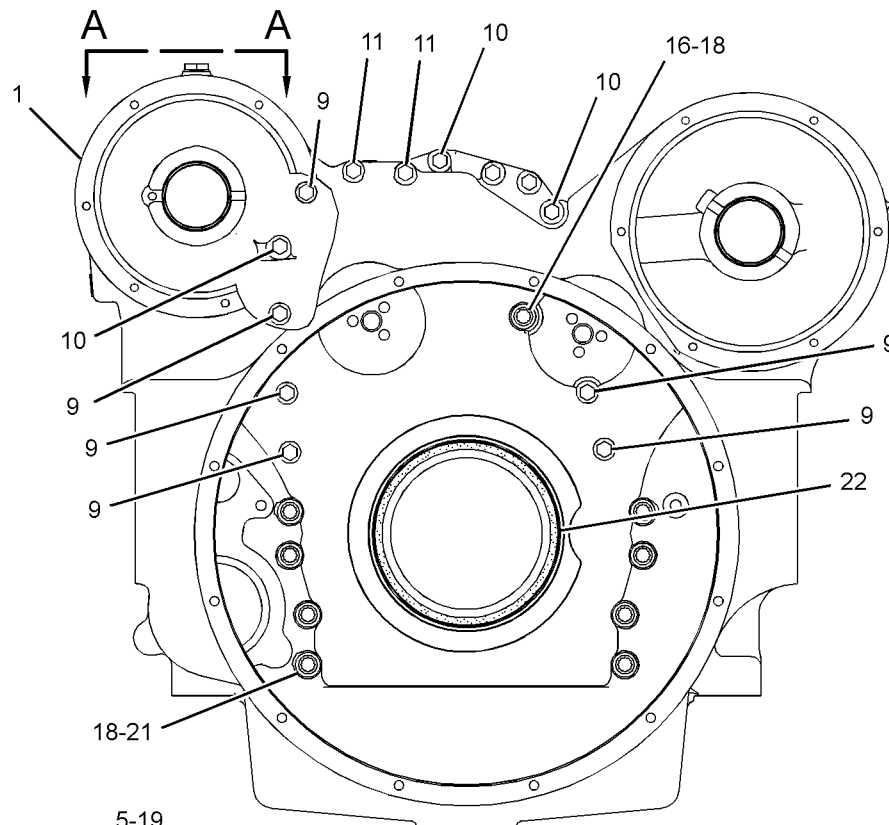
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	100-2878	1	HOUSING AS-FLYWHEEL	
	2	1	155-5619	1	GASKET	
	3	1	175-3721	1	COVER	
Y	4	1	329-9616	1	PLUG GP-FLYWHEEL HOUSING	68
	5	1	0S-1592	2	BOLT (5/8-11X1.25-IN)	
	6	1	0S-1594	1	BOLT (3/8-16X1-IN)	
	7	1	0S-1619	1	BOLT (3/8-16X3-IN)	
	8	1	101-3934	1	COVER	
	9	1	165-3930	6	BOLT (3/8-16X1.625-IN)	
	10	1	165-3932	5	BOLT (3/8-16X2-IN)	
	11	1	165-3936	2	BOLT (3/8-16X4.5-IN)	
	12	1	234-8937	1	SEAL-INTEGRAL	
	13	1	2H-3855	2	BOLT (1/2-13X0.875-IN)	
	14	1	2P-2772	1	COVER	
	15	1	5D-5957	1	SEAL-O-RING	
	16	1	5J-5793	1	BOLT-12 POINT HEAD (1/2-13X1.75-IN)	
	17	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	18	1	5P-8245	11	WASHER-HARD (13.5X25.5X3-MM THK)	
	19	1	5P-8247	2	WASHER-HARD (17X32X3.5-MM THK)	
	20	1	5P-8286	1	SEAL-O-RING	
	21	1	9K-7290	8	BOLT-12 POINT HEAD (1/2-13X3.25-IN)	
Y	22	1	319-0785	1	SEAL GP-CRANKSHAFT (REAR)	73

Y-SEPARATE ILLUSTRATION

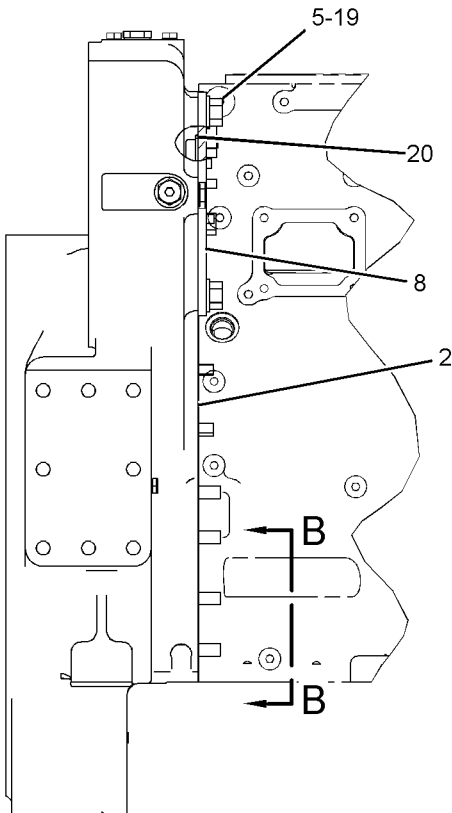
BASIC ENGINE

347-1507 HOUSING GP-FLYWHEEL (contd.)

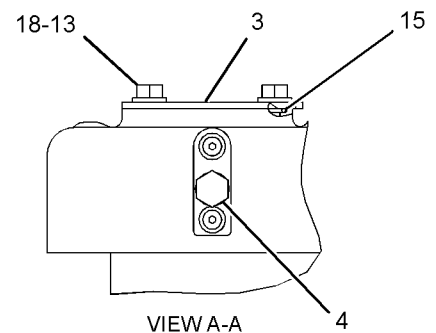
i04273569



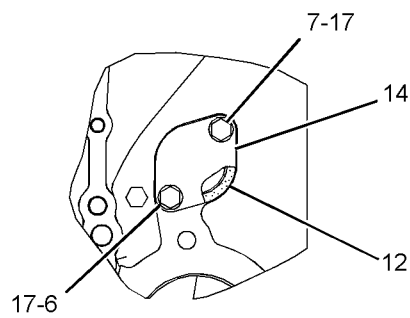
REAR VIEW OF ENGINE



RIGHT SIDE VIEW OF ENGINE



VIEW A-A



VIEW B-B

GRAPHIC #1

<END>

g02173406

BASIC ENGINE

353-2790 HOUSING GP-FRONT

S/N: TXL1-UP; L4X1-UP

PART OF 365-3722 ENGINE AR-COMPLETE

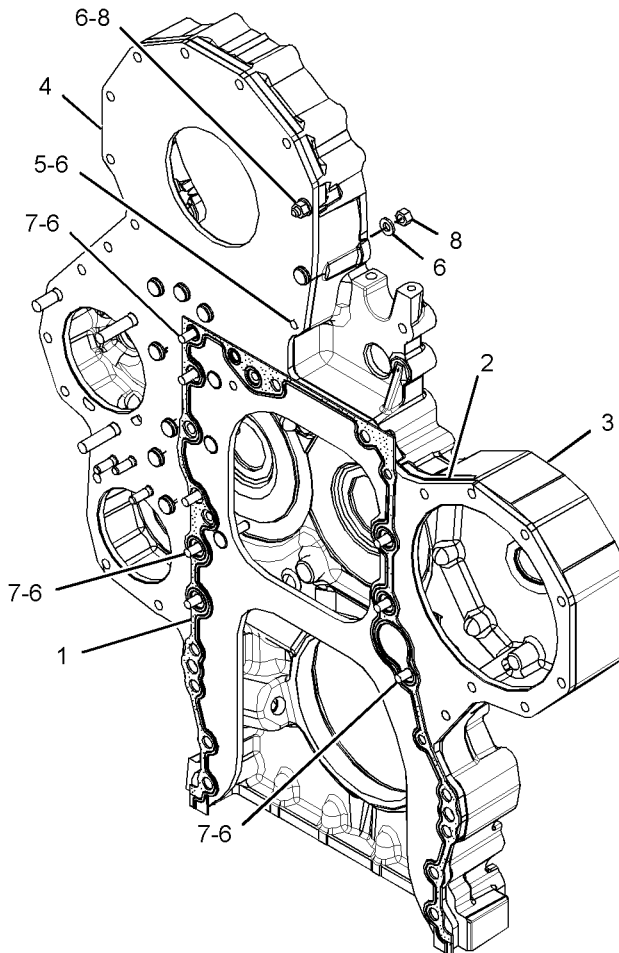
FOR USE WITH ACCESSORY DRIVE COMPATIBLE PLATE. CANNOT BE USED WITH ENGINES WITHOUT ACCESSORY DRIVE

SMCS-1151, 1162

i04270469

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	155-9524	1	SEAL - INTEGRAL						
	2	1	166-9144	1	GASKET						
	3	1	353-2595	1	HOUSING AS-FRONT						
		1	3E-8044	1	STUD (1/2-13X2.95-IN)						
		1	8M-1047	1	STUD-TAPERLOCK (3/8-16X1.67-IN)						
		1	355-6099	1	HOUSING-FRONT						
Y	4	1	353-2620	1	PLATE AS-FRONT HOUSING						63
	5	1	0L-2070	1	BOLT (3/8-16X2.25-IN)						
	6	1	5M-2894	11	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	7	1	5P-4255	8	BOLT-LOCKING (3/8-16X1-IN)						
	8	1	6V-8801	2	NUT (3/8-16-THD)						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02371916

BASIC ENGINE

111-2355 LIFTING GP-ENGINE

S/N: TXL1-UP; L4X1-UP

FRONT- OFFSET LIFTING EYE

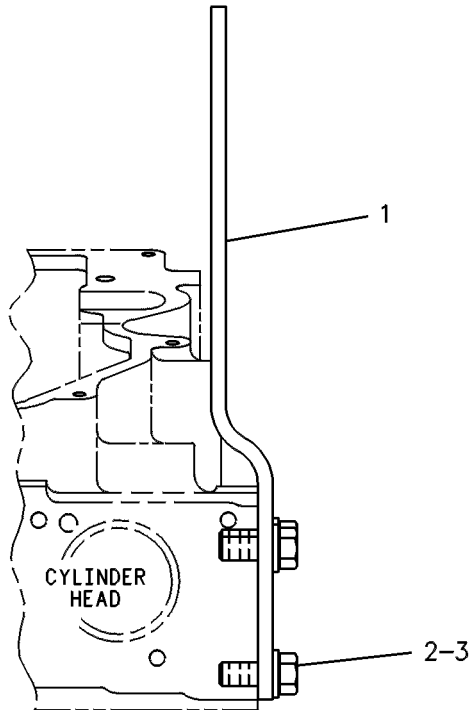
PART OF 365-3722 ENGINE AR-COMplete

CANNOT BE USED WITH ALTERNATOR MOUNTING

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

330-0709 LIFTING GP-ENGINE

S/N: TXL1-UP; L4X1-UP

PROVIDES MOUNTING LOCATION FOR LINES GP-AIR

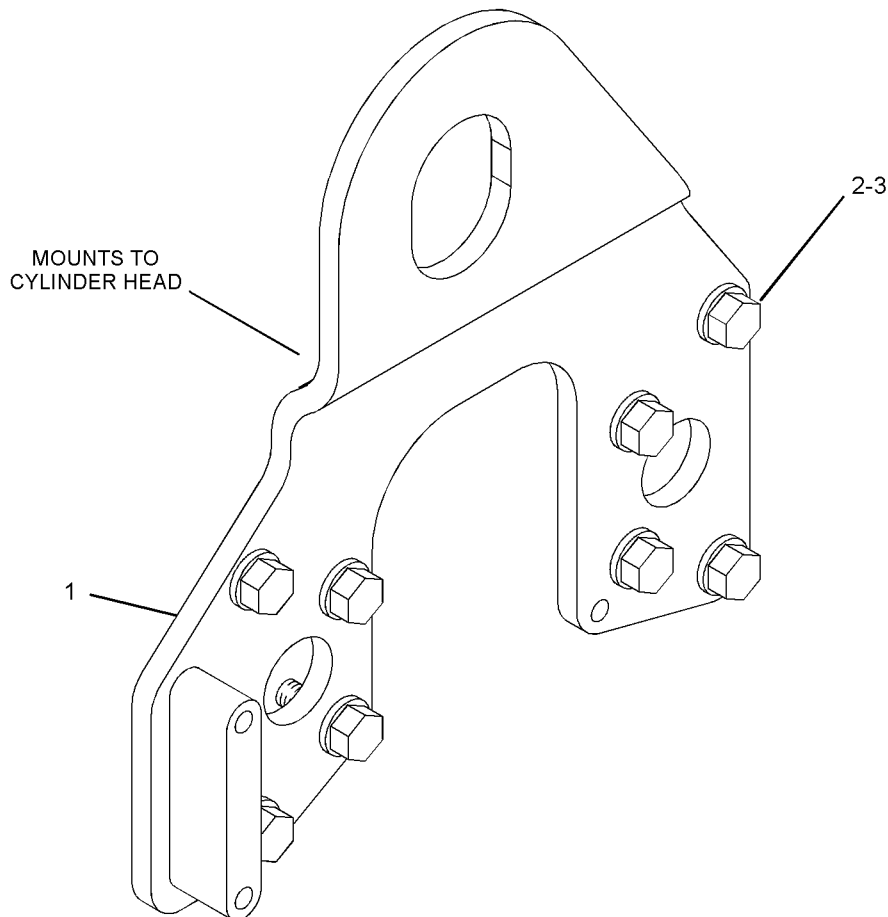
PART OF 365-3722 ENGINE AR-COMplete

CANNOT BE USED WITH D8 & D9 APPLICATIONS

SMCS-1122

i03865086

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	339-0280	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>

g02310356

BASIC ENGINE

265-7878 MECHANISM GP-FUEL PUMP & VALVE

S/N: TXL1-UP; L4X1-UP

PART OF 345-4408 ENGINE AR-CORE

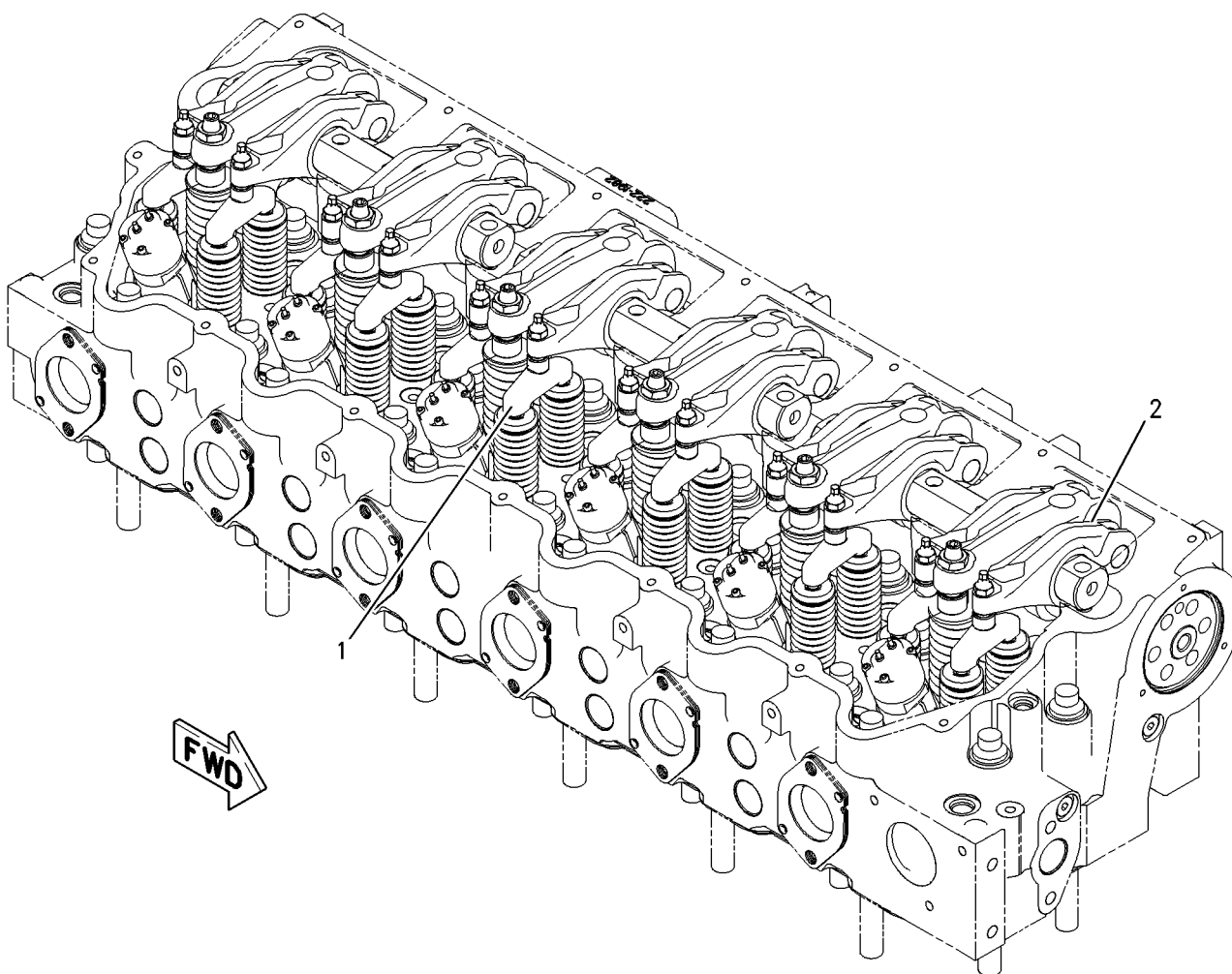
SMCS-1102, 1121, 1123, 1208, 1209, 1281, 1292, 1298

i03955229

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	348-7743	12	BRIDGE-VALVE	
CY	2	1	257-7999	3	ROCKER ARM GP	70

C-CHANGE FROM PREVIOUS TYPE

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01002983

BASIC ENGINE

342-5800 MOUNTING GP-ALTERNATOR & COMPR

S/N: TXL1-UP; L4X1-UP

PROVIDES LH ALTERNATOR AND REFRIGERANT COMPRESSOR MOUNTING BRACKET AND ,
AUTOMATIC BELT TENSIONER FOR 8-RIB POLY-VEE ACCESSORY DRIVE.

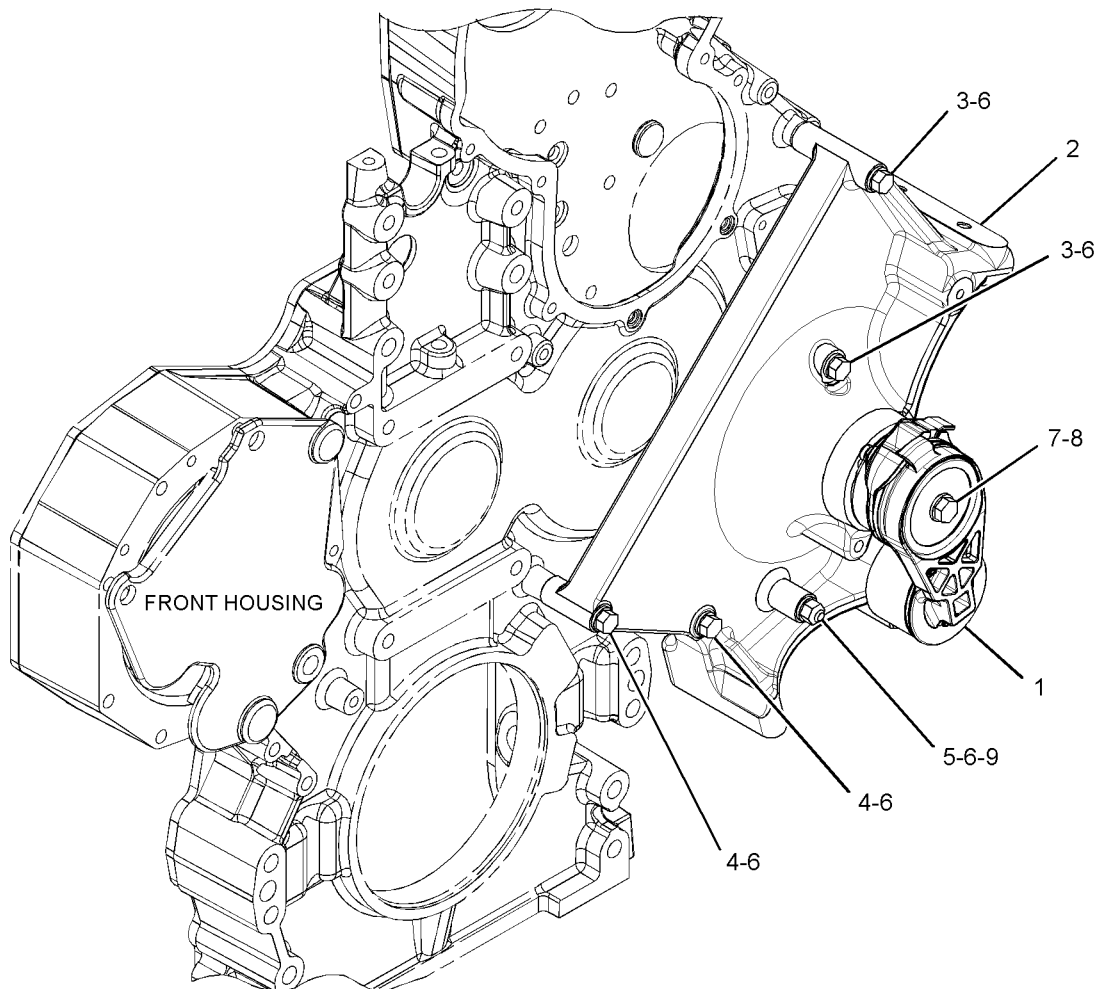
PART OF 365-3722 ENGINE AR-COMPLETE

FOR USE WITH PAD MOUNT ALTERNATOR AND REFRIGRANT COMPRESSOR

SMCS-1405, 1802

i03862401

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	329-8797	1	BELT TENSIONER						
	2	1	338-5115	1	BRACKET-SUPPORT						
	3	1	0S-1608	2	BOLT (3/8-16X3.75-IN)						
	4	1	0T-0573	2	BOLT (3/8-16X2.75-IN)						
	5	1	2P-1974	1	STUD-TAPERLOCK (3/8-16X4.2-IN)						
	6	1	5M-2894	5	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	7	1	6V-5839	1	WASHER (11X21X2.5-MM THK)						
M	8	1	8T-0643	1	BOLT (M10X1.5X80-MM)						
	9	1	9S-8752	1	NUT-FULL (3/8-16-THD)						
M-METRIC PART											



GRAPHIC #1

<END>

g02196295

BASIC ENGINE

152-6958 MOUNTING GP-ENGINE

S/N: T4R1-UP

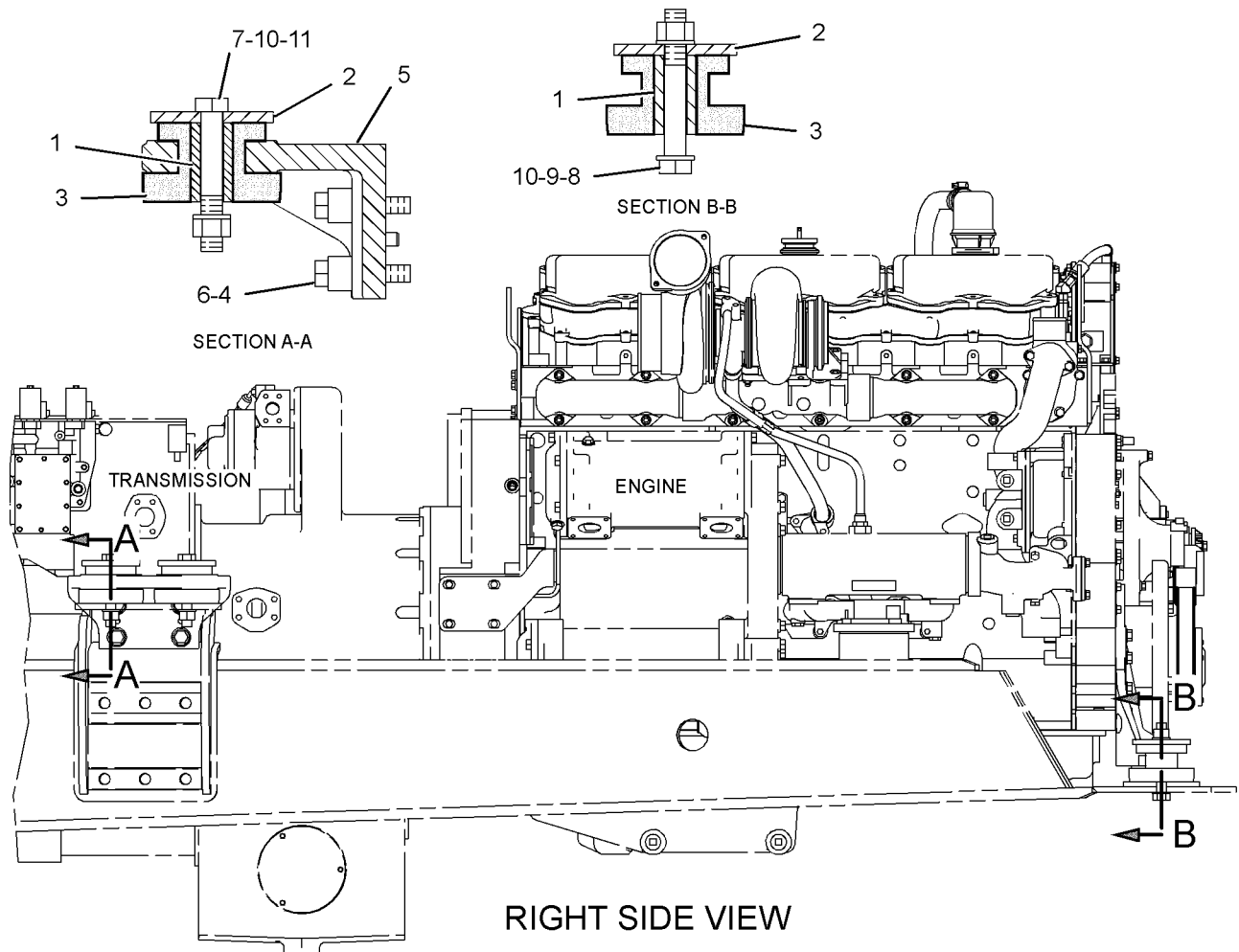
PART OF 291-8722 POWER TRAIN AR

SMCS-1152, 1153, 1154

i02394225

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	9W-6582	6	SLEEVE	
	2	1	9W-6584	6	WASHER (20.5X114X10-MM THK)	
	3	1	9W-9930	6	MOUNT AS	
	4	1	127-7122	8	SPACER (17X32X22.5-MM THK)	
	5	1	188-3445	2	BRACKET AS	
					(EACH INCLUDES)	
		1	1A-2223	2	DOWEL	
	6	1	7X-0349	8	BOLT (5/8-11X3-IN)	
M	7	1	7X-2532	4	BOLT (M20X2.5X130-MM)	
M	8	1	8C-8478	2	BOLT (M20X2.5X140-MM)	
	9	1	8T-4123	8	WASHER (22X35X3.5-MM THK)	
M	10	1	8T-4131	6	NUT (M20X2.5-THD)	
	11	1	8T-5439	4	WASHER-HARD (21.5X45X6-MM THK)	

M-METRIC PART



GRAPHIC #1

<END>

g01195557

BASIC ENGINE

233-4890 PAN GP-OIL-REAR SUMP

S/N: TXL1-UP; L4X1-UP

PROVIDES AN OIL PAN ISOLATION SYSTEM

PART OF 365-3722 ENGINE AR-COMPLETE

FOR USE WITH REAR OIL SUMP CONFIGURATION, ENGLISH STOR PORT AND FACE SEAL
DRAIN PORTS

SMCS-1302

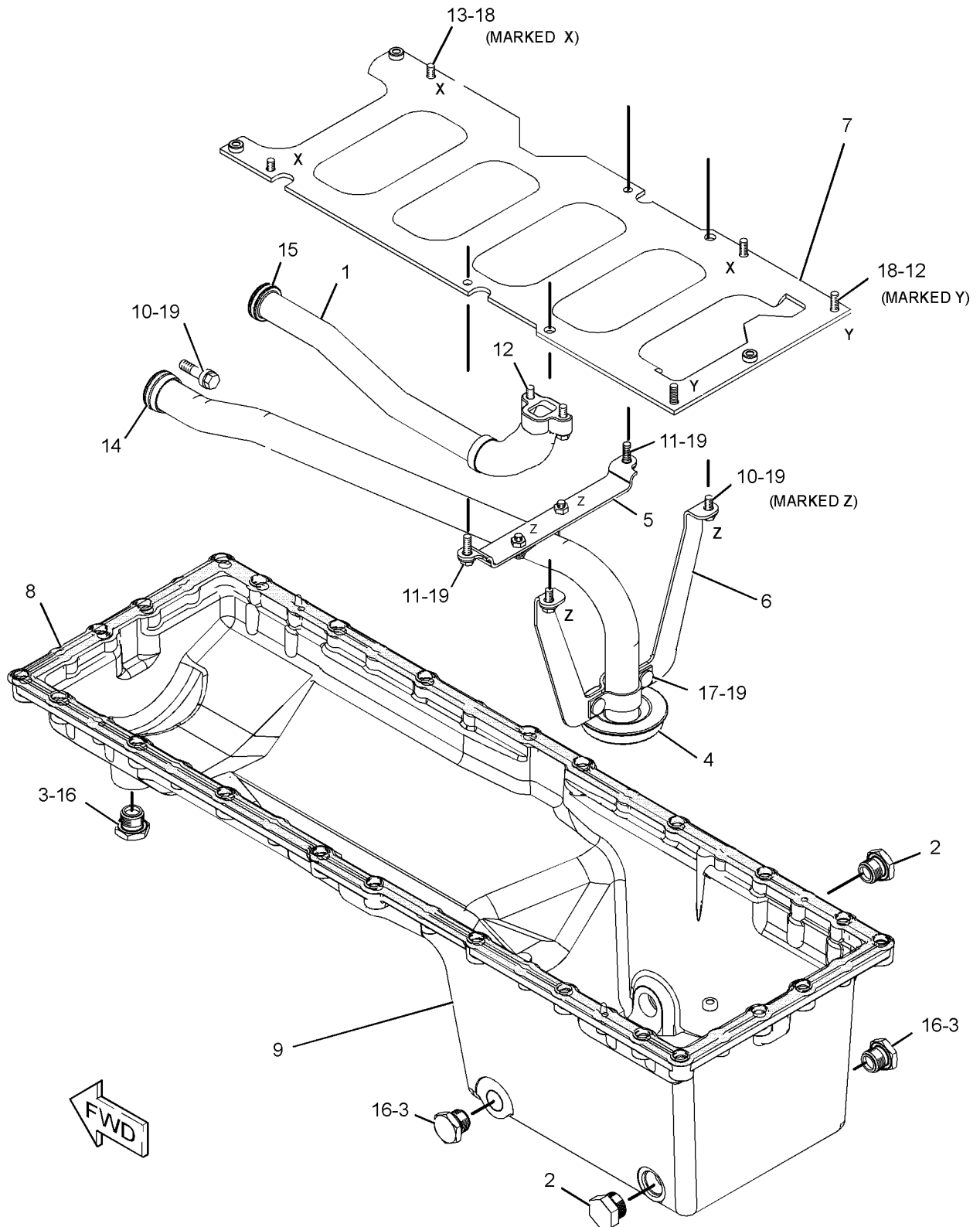
i03911877

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	319-6234	2	PLUG AS						
					(EACH INCLUDES)						
		1	9S-9334	1	PLUG-O-RING						
		1	238-5084	1	SEAL-O-RING						
	3	1	9X-6451	3	PLUG-DRAIN (ENGINE OIL PAN)						
	4	1	109-6547	1	TUBE AS						
	5	1	115-2355	1	BRACKET AS						
		1	1F-0750	2	NUT-WELD (3/8-16-THD)						
	6	1	115-2365	1	BRACKET-TUBE						
	7	1	118-2019	1	UNDERFRAME AS						
	8	1	168-5248	1	SEAL-ISOLATION						
	9	1	227-3006	1	PAN-OIL						
	10	1	0L-1351	5	BOLT (3/8-16X0.875-IN) (MARKED Z)						
	11	1	0S-1588	2	BOLT (3/8-16X1.25-IN)						
	12	1	0S-1591	4	BOLT (3/8-16X1.5-IN) (MARKED Y)						
	13	1	0S-1594	3	BOLT (3/8-16X1-IN) (MARKED X)						
	14	1	5P-5846	1	SEAL-O-RING						
	15	1	5P-8068	1	SEAL-O-RING						
	16	1	121-0145	3	SEAL-O-RING						
	17	1	2K-4973	2	LOCKNUT (3/8-16-THD)						
	18	1	5M-2894	5	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	19	1	9X-6458	9	WASHER-HARD (10.2X22.5X3-MM THK)						

BASIC ENGINE

233-4890 PAN GP-OIL (contd.)

i03911877



GRAPHIC #1

<END>

g02164227

BASIC ENGINE

343-6805 PANEL GP-SOUND SUPPRESSION

S/N: TXL1-UP; L4X1-UP

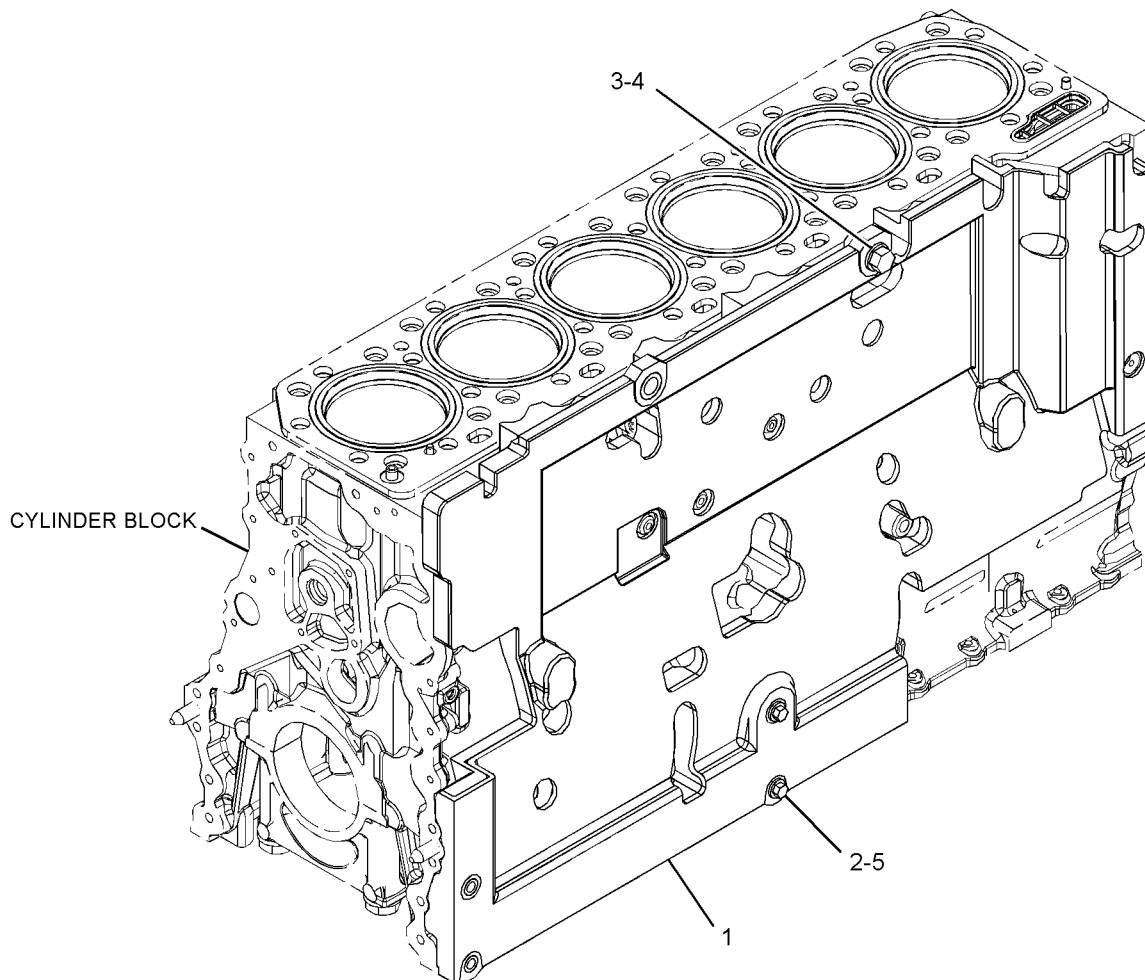
LH

PART OF 365-3722 ENGINE AR-COMPLETE

SMCS-1801

i03864856

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	2	BOLT (3/8-16X1.25-IN)						
	3	1	5P-8247	1	WASHER-HARD (17X32X3.5-MM THK)						
	4	1	7X-3177	1	BOLT (5/8-18X1.75-IN)						
	5	1	9X-6458	2	WASHER-HARD (10.2X22.5X3-MM THK)						



GRAPHIC #1

<END>

g02197973

BASIC ENGINE

344-9223 PANEL GP-SOUND SUPPRESSION

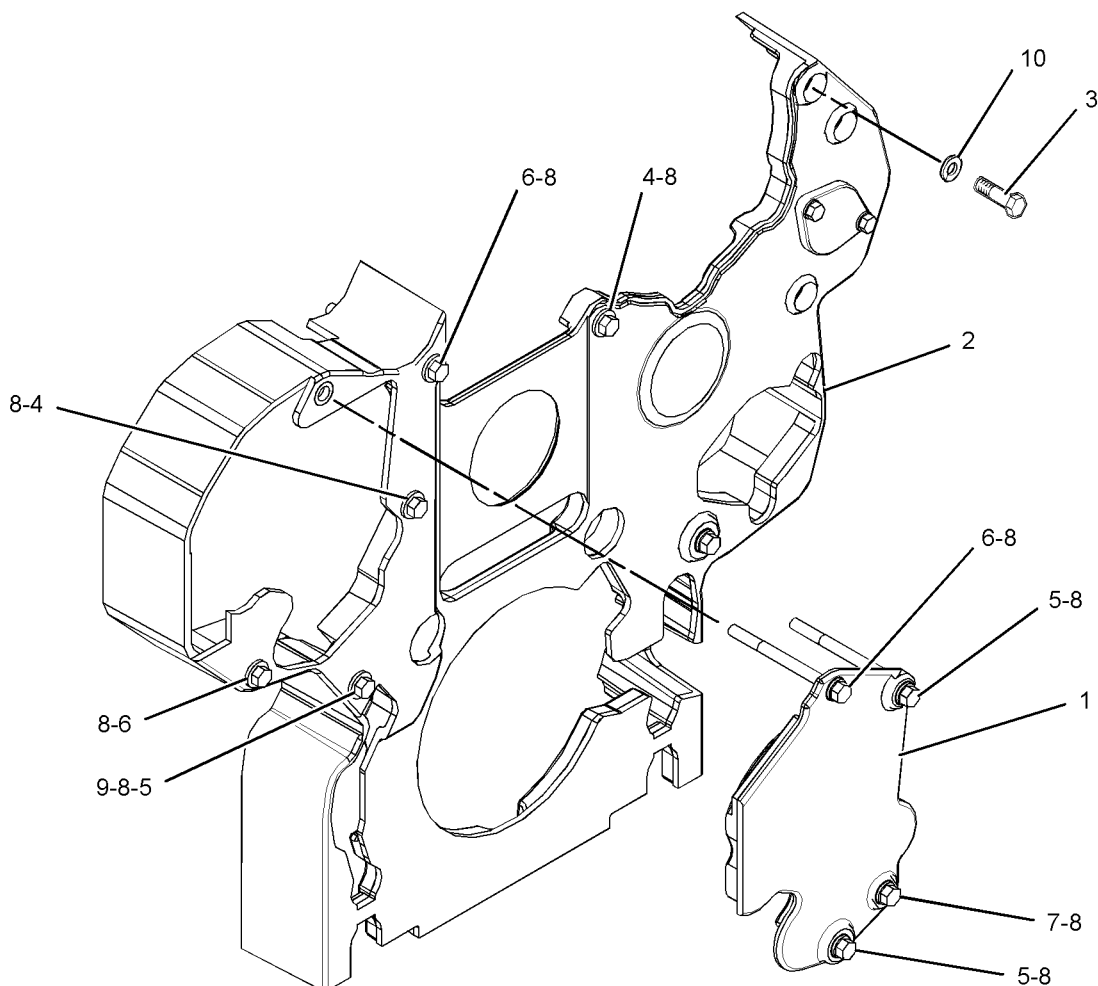
S/N: TXL1-UP; L4X1-UP

PART OF 365-3722 ENGINE AR-COMPLETE

SMCS-1801

i03913875

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	243-5455	1	COVER AS						
	2	1	344-9221	1	COVER AS-SOUND SUPPRESSION (FRONT HOUSING)						
	3	1	0S-1588	1	BOLT (3/8-16X1.25-IN)						
	4	1	0S-1594	2	BOLT (3/8-16X1-IN)						
	5	1	0T-0055	3	BOLT (3/8-16X4.25-IN)						
	6	1	1A-5183	3	BOLT (3/8-16X4.75-IN)						
	7	1	3B-1915	1	BOLT (3/8-16X1.375-IN)						
	8	1	5M-2894	10	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	9	1	9S-8752	1	NUT-FULL (3/8-16-THD)						
	10	1	9X-6458	1	WASHER-HARD (10.2X22.5X3-MM THK)						



GRAPHIC #1

<END>

g02303578

BASIC ENGINE

364-7158 PANEL GP-SOUND SUPPRESSION

S/N: T4R1-UP

PART OF 291-8909 SUPPRESSION GP-SOUND
AN ATTACHMENT

SMCS-1801

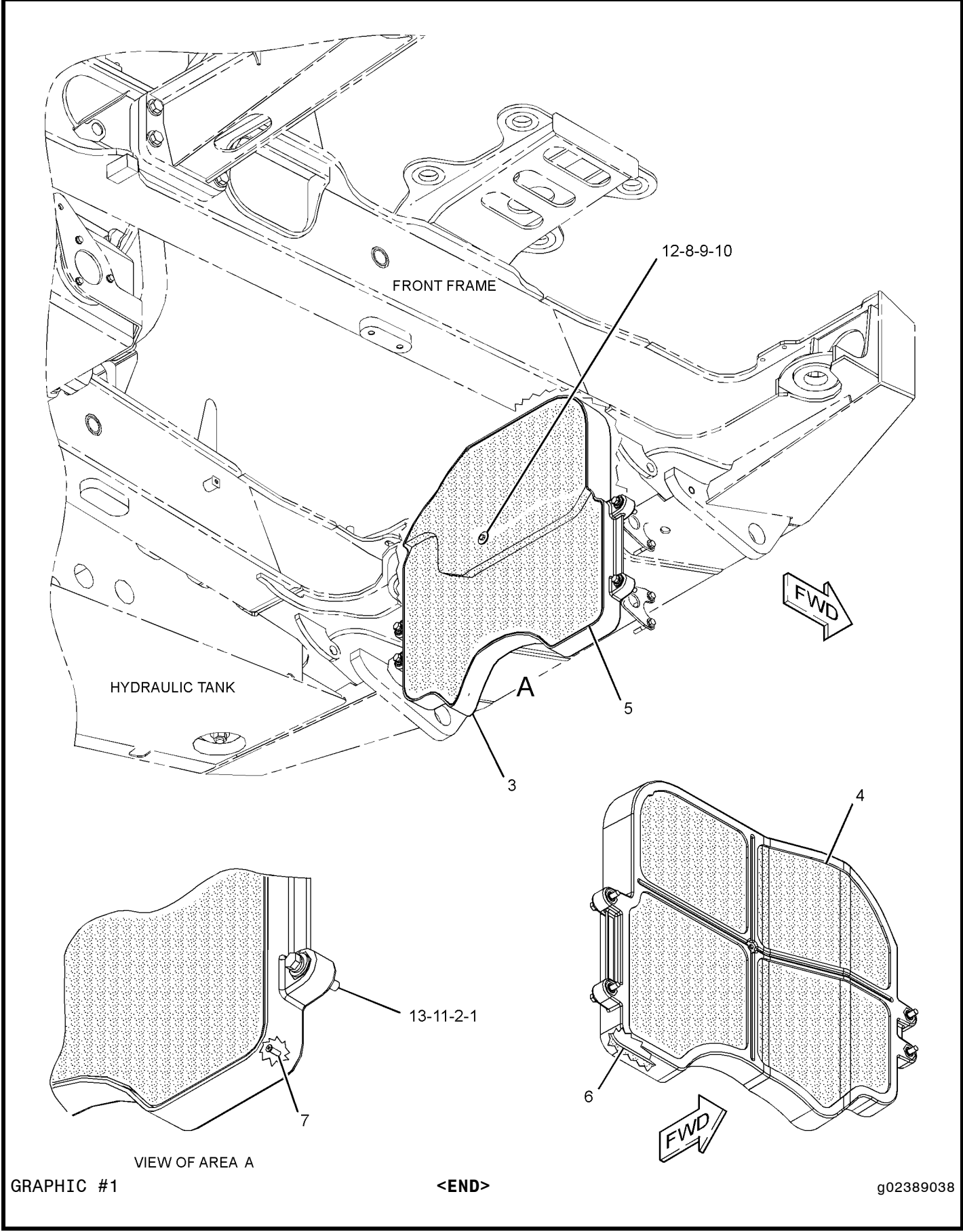
i04171525

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	095-0817	4	LOCKWASHER						
	2	1	156-4522	4	WASHER-HARD (14X30X3-MM THK)						
	3	1	343-8800	1	PANEL AS						
	4	1	343-8803	1	INSULATION						
	5	1	354-3186	1	INSULATION						
	6	1	364-7157	1	PANEL (INTERNAL)						
	7	1	365-5414	7	SCREW (M6X1X16-MM)						
	8	1	156-0283	1	WASHER-HARD (8.4X35X2.5-MM THK)						
	9	1	5P-4116	1	WASHER-HARD (8.8X20.5X2-MM THK)						
M	10	1	6V-9189	1	LOCKNUT (M8X1.25-THD)						
	11	1	8R-8847	4	RETAINER-SPRING						
M	12	1	8T-4177	1	BOLT (M8X1.25X90-MM)						
M	13	1	8T-4648	4	BOLT (M12X1.75X70-MM)						
M-METRIC PART											

BASIC ENGINE

364-7158 PANEL GP-SOUND SUPPRESSION (contd.) i04171525

364-7158 PANEL GP-SOUND SUPPRESSION (contd.) i04171525



FRONT FRAME

HYDRAULIC TANK

12-8-9-10

A

5

3

FWD

13-11-2-1

7

VIEW OF AREA A

4

6

FWD

GRAPHIC #1

<END>

g02389038

FRONT FRAME

HYDRAULIC TANK

12-8-9-10

A

5

3

FWD

13-11-2-1

7

VIEW OF AREA A

4

6

FWD

GRAPHIC #1

<END>

g02389038

FRONT FRAME

HYDRAULIC TANK

12-8-9-10

A

5

3

FWD

13-11-2-1

7

VIEW OF AREA A

4

6

FWD

GRAPHIC #1

<END>

g02389038

FRONT FRAME

HYDRAULIC TANK

12-8-9-10

A

5

3

FWD

13-11-2-1

7

VIEW OF AREA A

4

6

FWD

GRAPHIC #1

<END>

g02389038

FRONT FRAME

HYDRAULIC TANK

12-8-9-10

A

5

3

FWD

13-11-2-1

7

VIEW OF AREA A

4

6

FWD

GRAPHIC #1

<END>

g02389038

FRONT FRAME

HYDRAULIC TANK

12-8-9-10

A

5

3

FWD

13-11-2-1

7

VIEW OF AREA A

4

6

FWD

GRAPHIC #1

<END>

g02389038

FRONT FRAME

HYDRAULIC TANK

12-8-9-10

A

5

3

FWD

13-11-2-1

7

VIEW OF AREA A

4

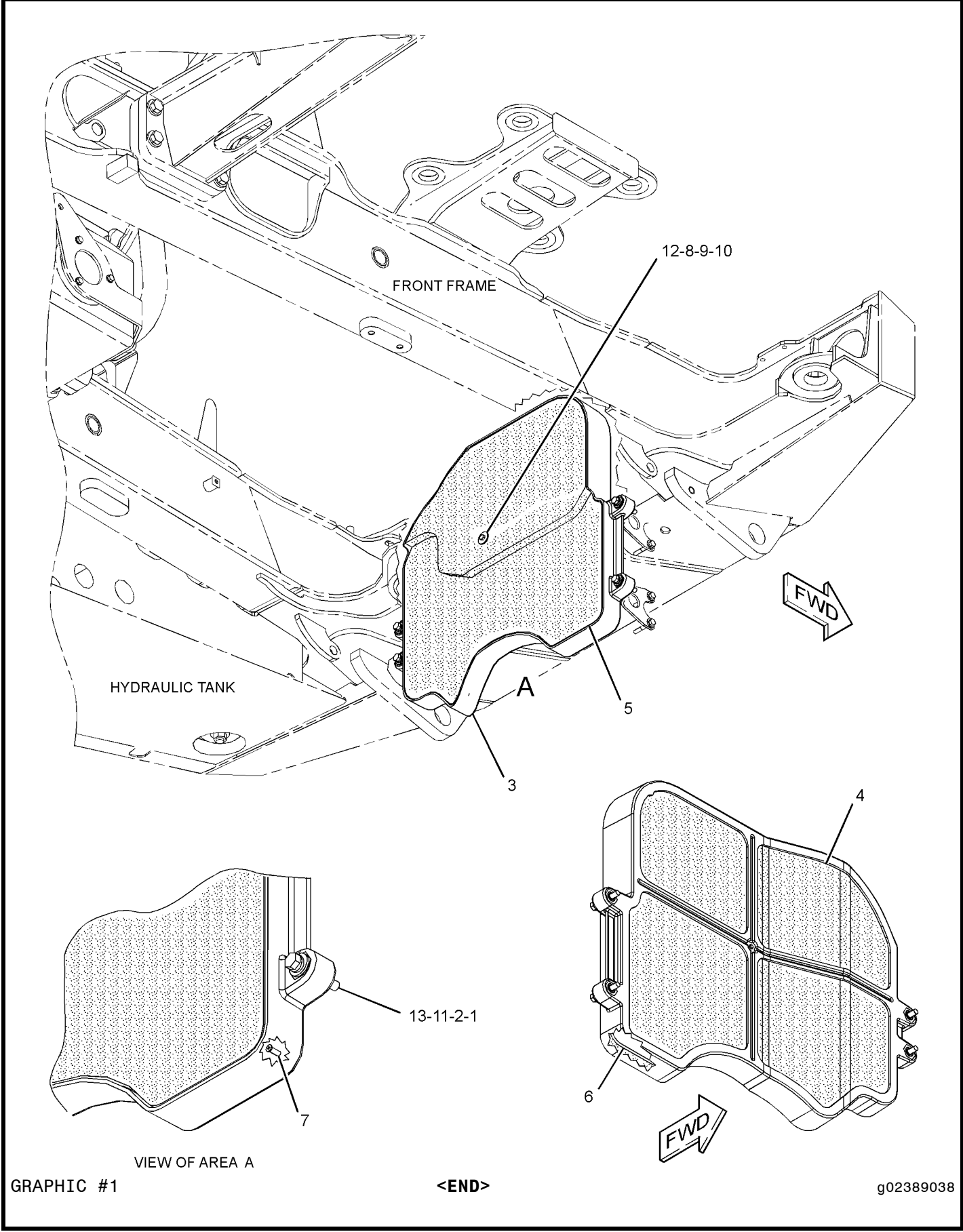
6

FWD

GRAPHIC #1

<END>

g02389038



FRONT FRAME

HYDRAULIC TANK

12-8-9-10

A

5

3

FWD

13-11-2-1

7

VIEW OF AREA A

4

6

FWD

GRAPHIC #1

<END>

g02389038

FRONT FRAME

HYDRAULIC TANK

12-8-9-10

A

5

3

FWD

13-11-2-1

7

VIEW OF AREA A

4

6

FWD

GRAPHIC #1

<END>

g02389038

FRONT FRAME

HYDRAULIC TANK

12-8-9-10

A

5

3

FWD

13-11-2-1

7

VIEW OF AREA A

4

6

FWD

GRAPHIC #1

<END>

g02389038

FRONT FRAME

HYDRAULIC TANK

12-8-9-10

A

5

3

FWD

13-11-2-1

7

VIEW OF AREA A

4

6

FWD

GRAPHIC #1

<END>

g02389038

FRONT FRAME

HYDRAULIC TANK

12-8-9-10

A

5

3

FWD

13-11-2-1

7

VIEW OF AREA A

4

6

FWD

GRAPHIC #1

<END>

g02389038

FRONT FRAME

HYDRAULIC TANK

12-8-9-10

A

5

3

FWD

13-11-2-1

7

VIEW OF AREA A

4

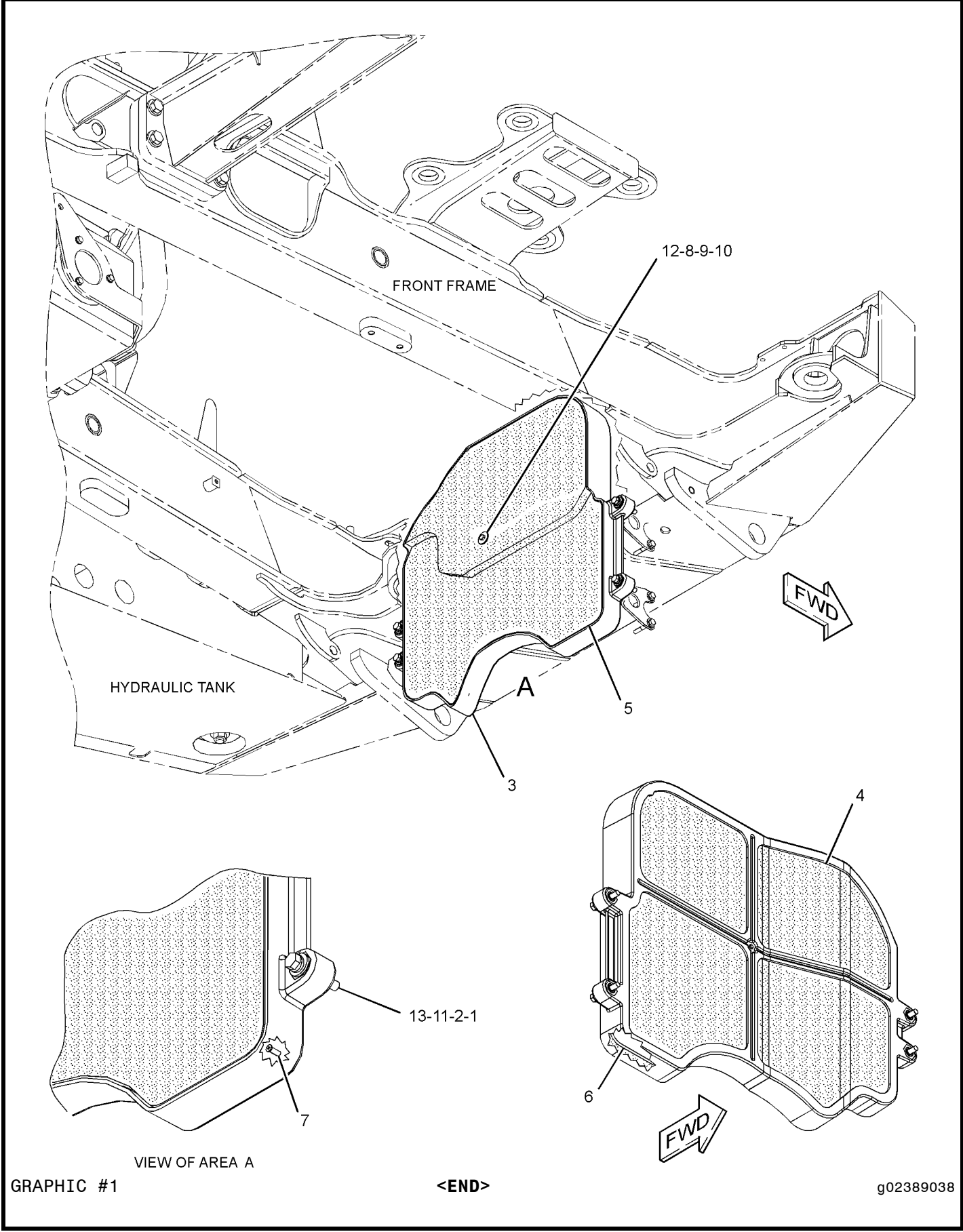
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FWD

GRAPHIC #1

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g02389038



FRONT FRAME

HYDRAULIC TANK

12-8-9-10

A

5

3

FWD

13-11-2-1

7

VIEW OF AREA A

4

6

FWD

GRAPHIC #1

<END>

g02389038

FRONT FRAME

HYDRAULIC TANK

12-8-9-10

A

5

3

FWD

13-11-2-1

7

VIEW OF AREA A

4

6

FWD

GRAPHIC #1

<END>

g02389038

FRONT FRAME

HYDRAULIC TANK

12-8-9-10

A

5

3

FWD

13-11-2-1

7

VIEW OF AREA A

4

6

FWD

GRAPHIC #1

<END>

g02389038

BASIC ENGINE

342-6368 PISTON & ROD GP

S/N: TXL1-UP; L4X1-UP

17:1 COMPRESSION RATIO

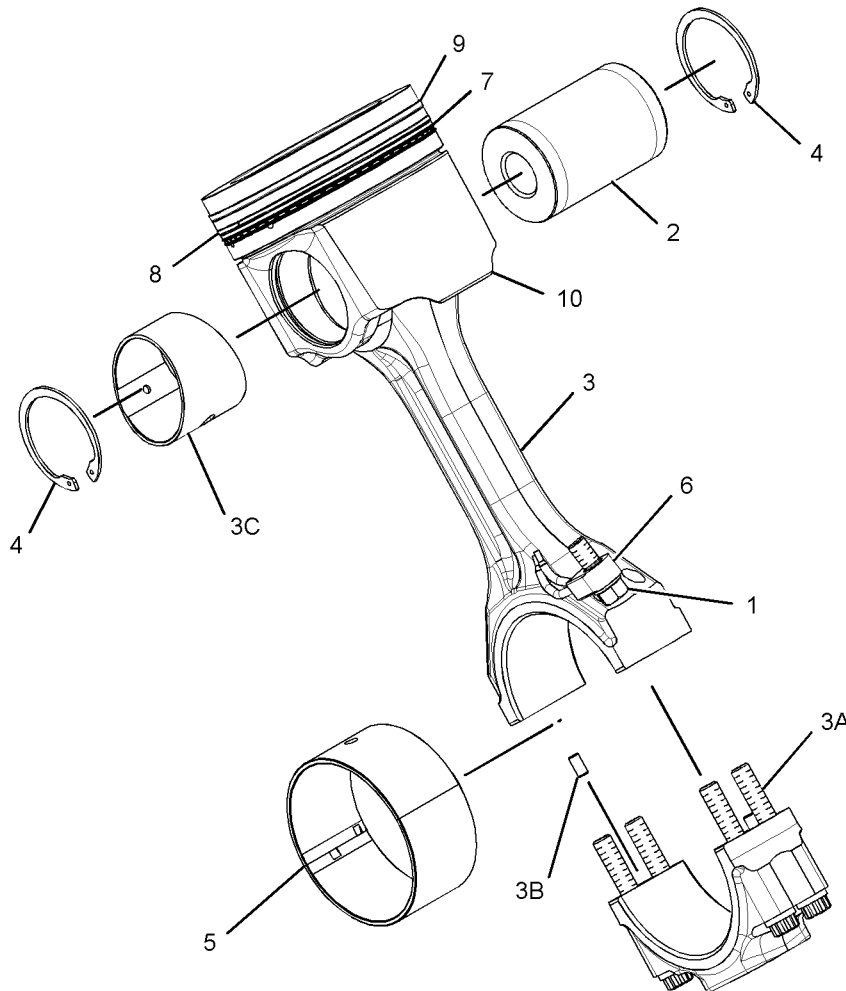
PART OF 345-4408 ENGINE AR-CORE

SMCS-1225

i03907265

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						
R	3	1	224-3245	1	ROD AS						
	3A	1	213-3217	4	BOLT (M11X1.25X84-MM)						
	3B	1	219-4458	2	PIN-DOWEL						
	3C	1	229-6259	1	BEARING						
	4	1	250-2940	2	RETAINER-PIN						
	5	1	261-3450	1	BEARING-CONNECTING ROD						
	6	1	276-4637	1	TUBE AS-OIL JET						
	7	1	306-4014	1	RING-PISTON						
	8	1	306-4016	1	RING-PISTON (INTERMEDIATE)						
	9	1	310-4188	1	RING-PISTON (TOP)						
	10	1	342-6359	1	BODY AS-PISTON						

R-REMFG PART MAY BE AVAILABLE



GRAPHIC #1

<END>

g01620152

BASIC ENGINE

353-2620 PLATE AS-FRONT HOUSING

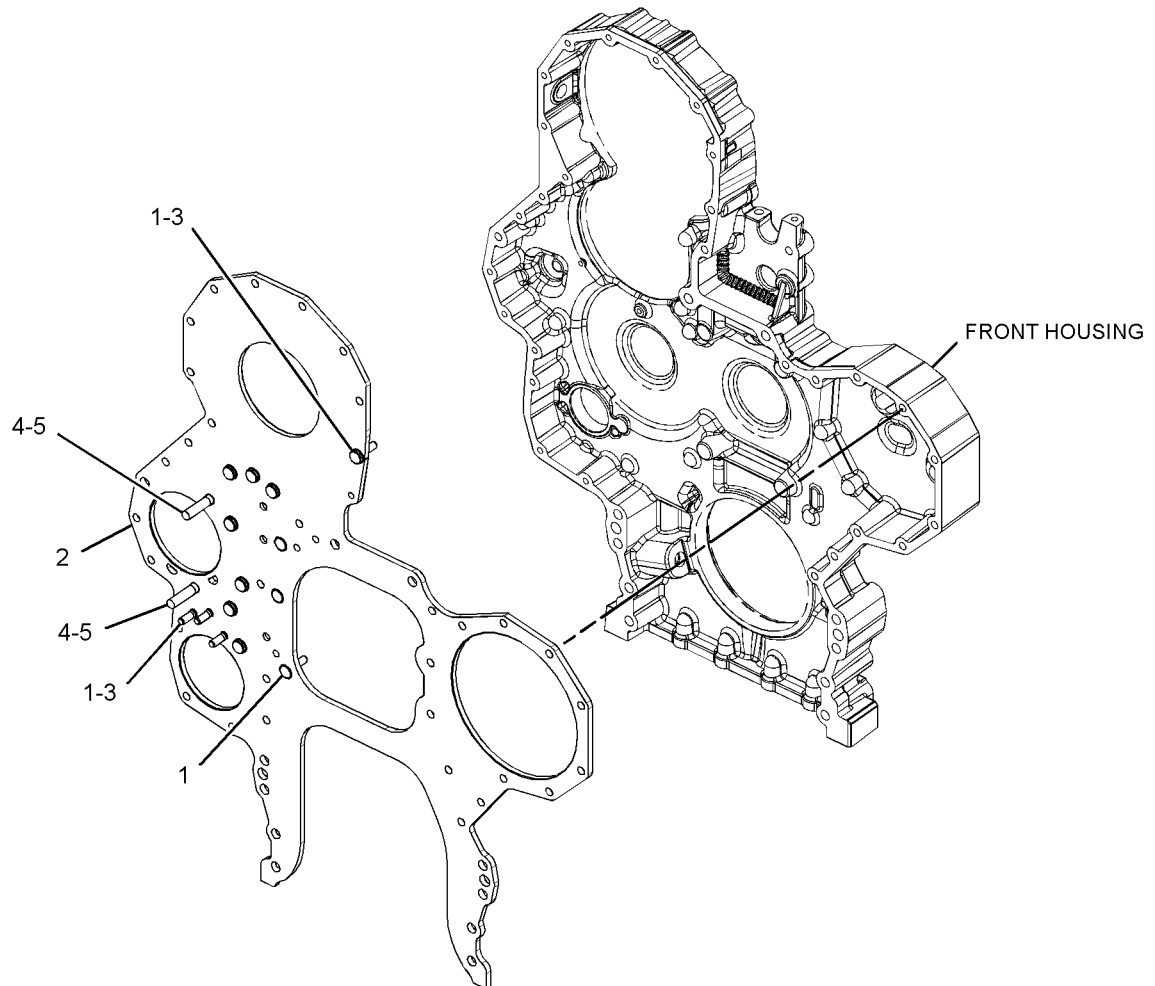
S/N: TXL1-UP; L4X1-UP

PART OF 353-2790 HOUSING GP-FRONT

SMCS-1151, 1162

i03965229

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	129-5428	14	STUD (BRAKE)						
	2	1	335-7767	1	PLATE						
	3	1	126-1757	11	WASHER (10.85X19.3X1.27-MM THK)						
	4	1	129-5427	2	WASHER-SPECIAL (SEALING)						
	5	1	334-6832	2	STUD-SPECIAL (BRAKE)						



GRAPHIC #1

<END>

g02177454

BASIC ENGINE

230-5379 PLUG GP-CYLINDER BLOCK

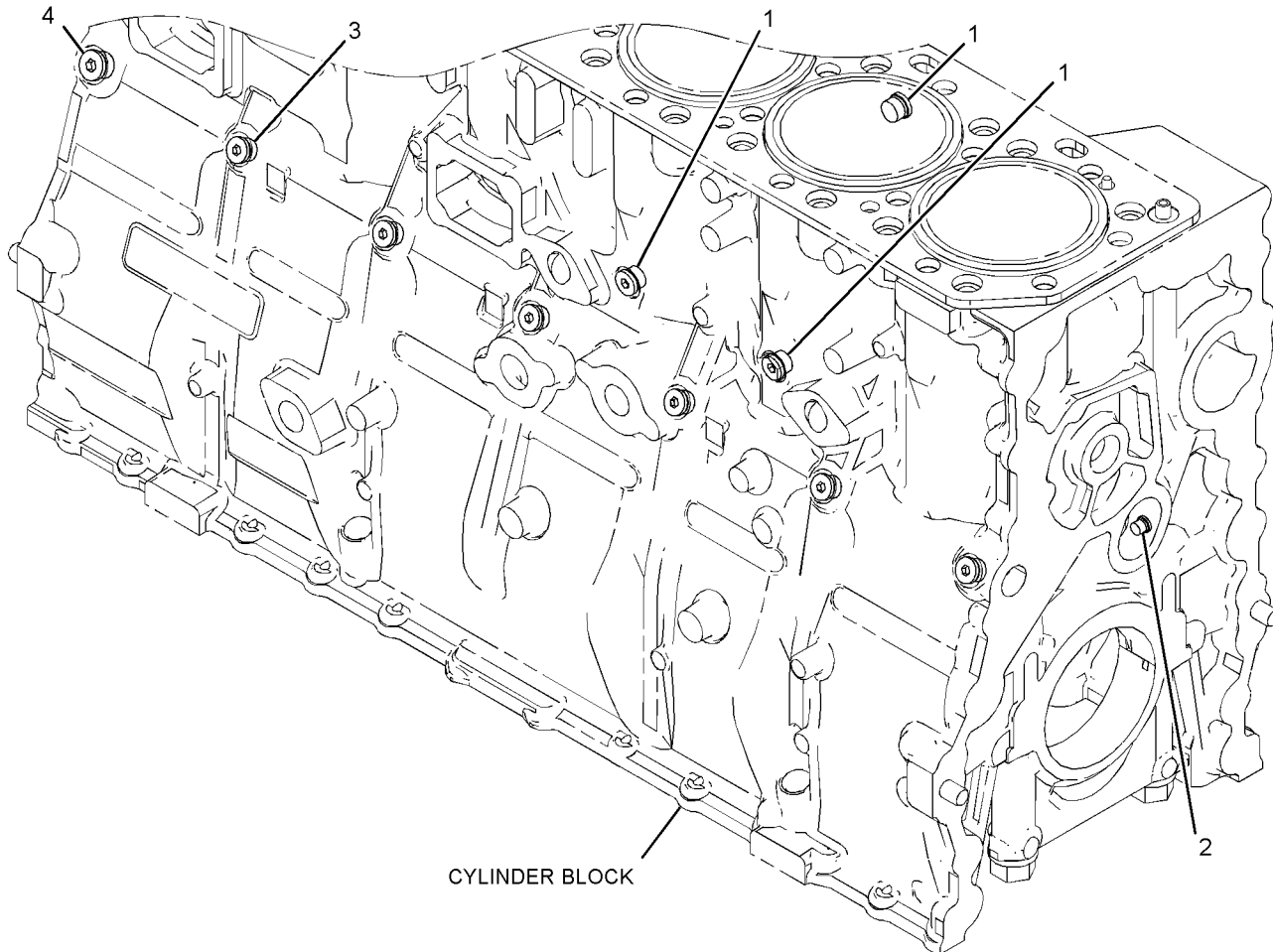
S/N: TXL1-UP; L4X1-UP

PART OF 365-3722 ENGINE AR-COMPLETE

SMCS-1201

i03760583

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	353-5126	3	PLUG AS						
					(EACH INCLUDES)						
		1	9S-8005	1	PLUG-O-RING						
		1	6V-6609	1	SEAL-O-RING						
	2	1	307-2671	1	PLUG AS						
		1	9S-8002	1	PLUG-O-RING						
		1	214-7566	1	SEAL-O-RING						
	3	1	307-2673	6	PLUG AS						
					(EACH INCLUDES)						
		1	9S-8005	1	PLUG-O-RING						
		1	238-5080	1	SEAL-O-RING						
	4	1	309-5131	1	PLUG AS						
		1	9S-8006	1	PLUG-O-RING						
		1	238-5081	1	SEAL-O-RING						



GRAPHIC #1

<END>

g02029205

BASIC ENGINE

305-9196 PLUG GP-CYLINDER BLOCK

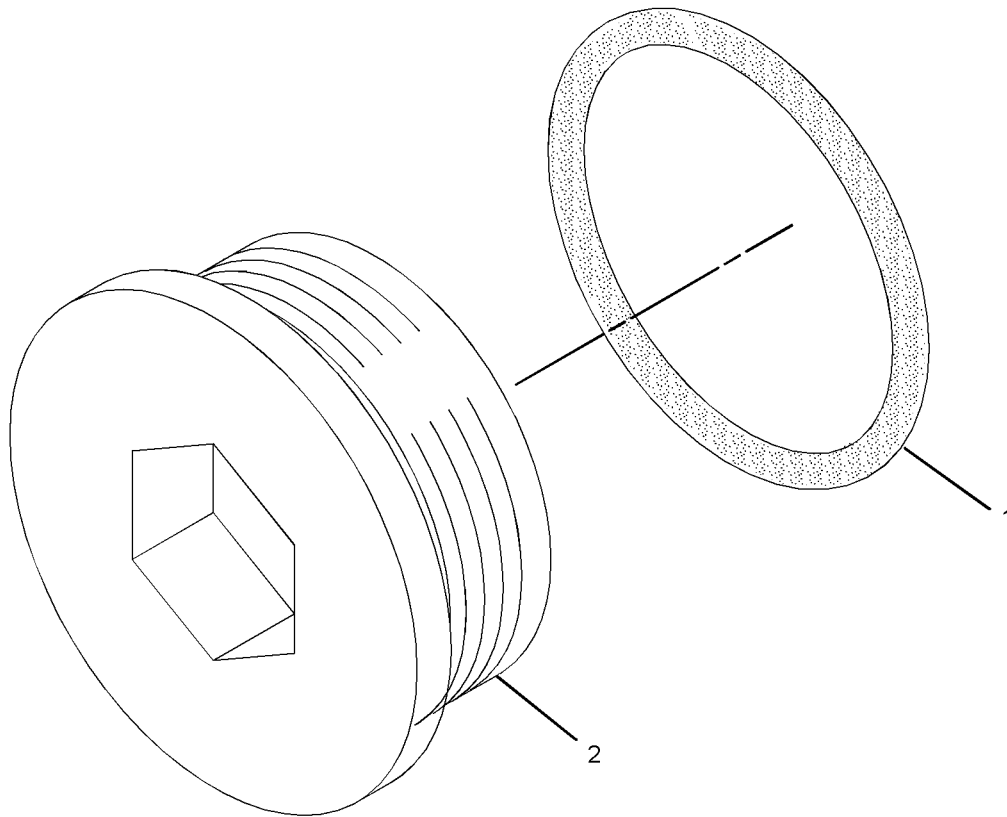
S/N: TXL1-UP; L4X1-UP

PART OF 358-6889 CYLINDER BLOCK GP

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

331-6901 PLUG GP-CYLINDER HEAD

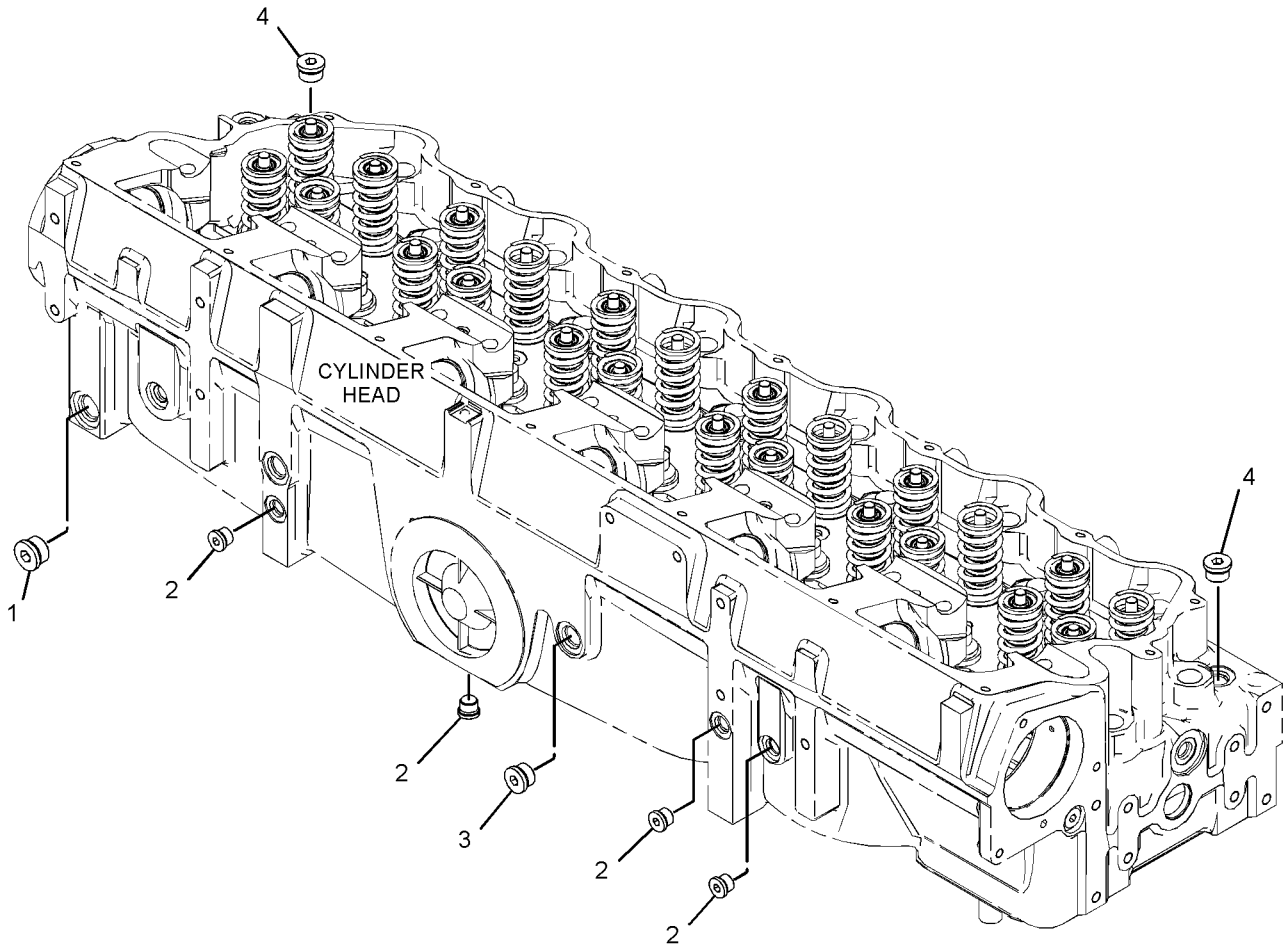
S/N: TXL1-UP; L4X1-UP

PART OF 365-3722 ENGINE AR-COMplete

SMCS-1100, 1101

i04174252

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	183-3407	4	PLUG AS						
					(EACH INCLUDES)						
		1	9S-8004	1	PLUG-O-RING						
		1	214-7568	1	SEAL-O-RING						
	3	1	307-2673	1	PLUG AS						
		1	9S-8005	1	PLUG-O-RING						
		1	238-5080	1	SEAL-O-RING						
	4	1	353-5126	2	PLUG AS						
					(EACH INCLUDES)						
		1	6V-6609	1	SEAL-O-RING						
		1	9S-8005	1	PLUG-O-RING						



GRAPHIC #1

<END>

g02370656

BASIC ENGINE

279-9540 PLUG GP-ENGINE

S/N: TXL1-UP; L4X1-UP

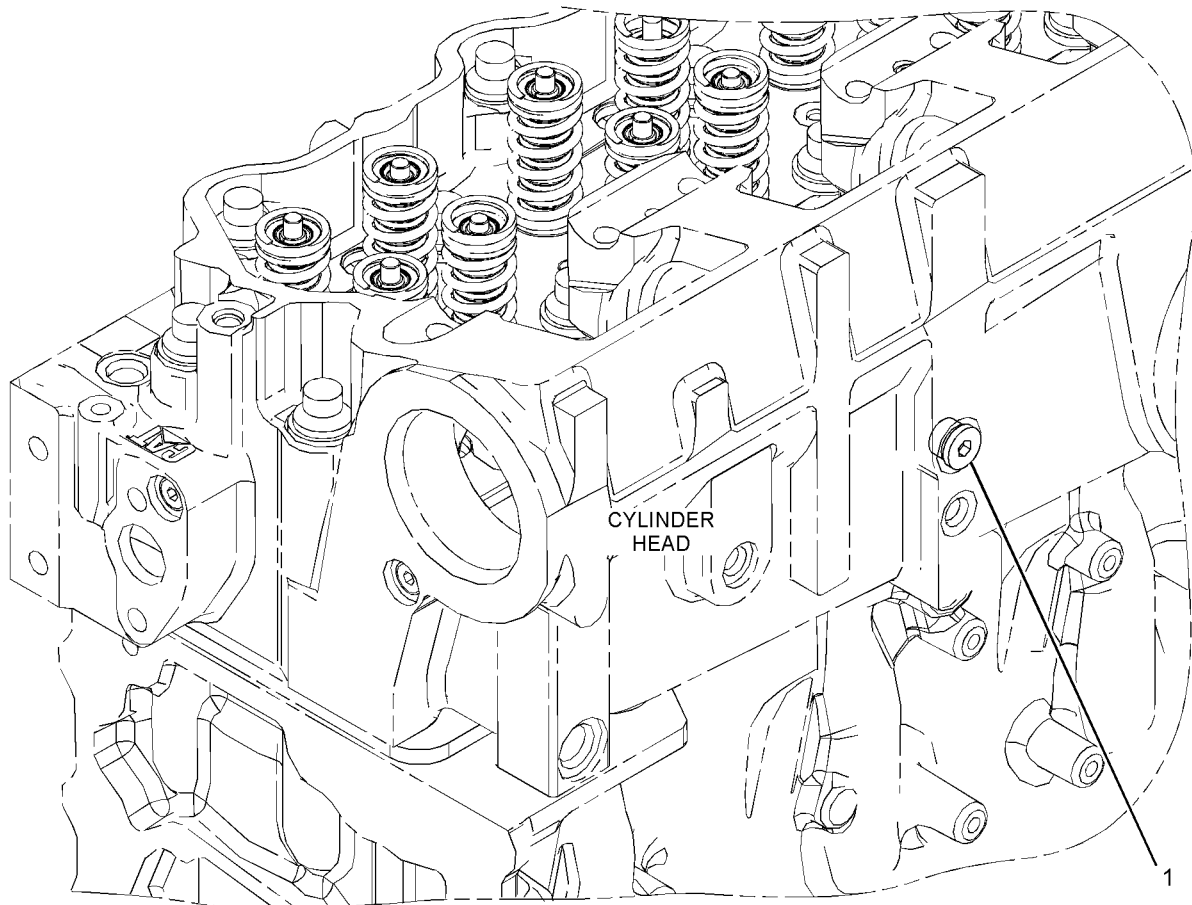
TIER III

PART OF 365-3722 ENGINE AR-COMPLETE
CANNOT BE USED WITH LINES GP AIR COMPRESSOR

SMCS-1000

i03951520

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	307-2673	1	PLUG AS						
		1	9S-8005	1	PLUG-O-RING						
		1	238-5080	1	SEAL-O-RING						



GRAPHIC #1

<END>

g02161590

BASIC ENGINE

329-9616 PLUG GP-FLYWHEEL HOUSING

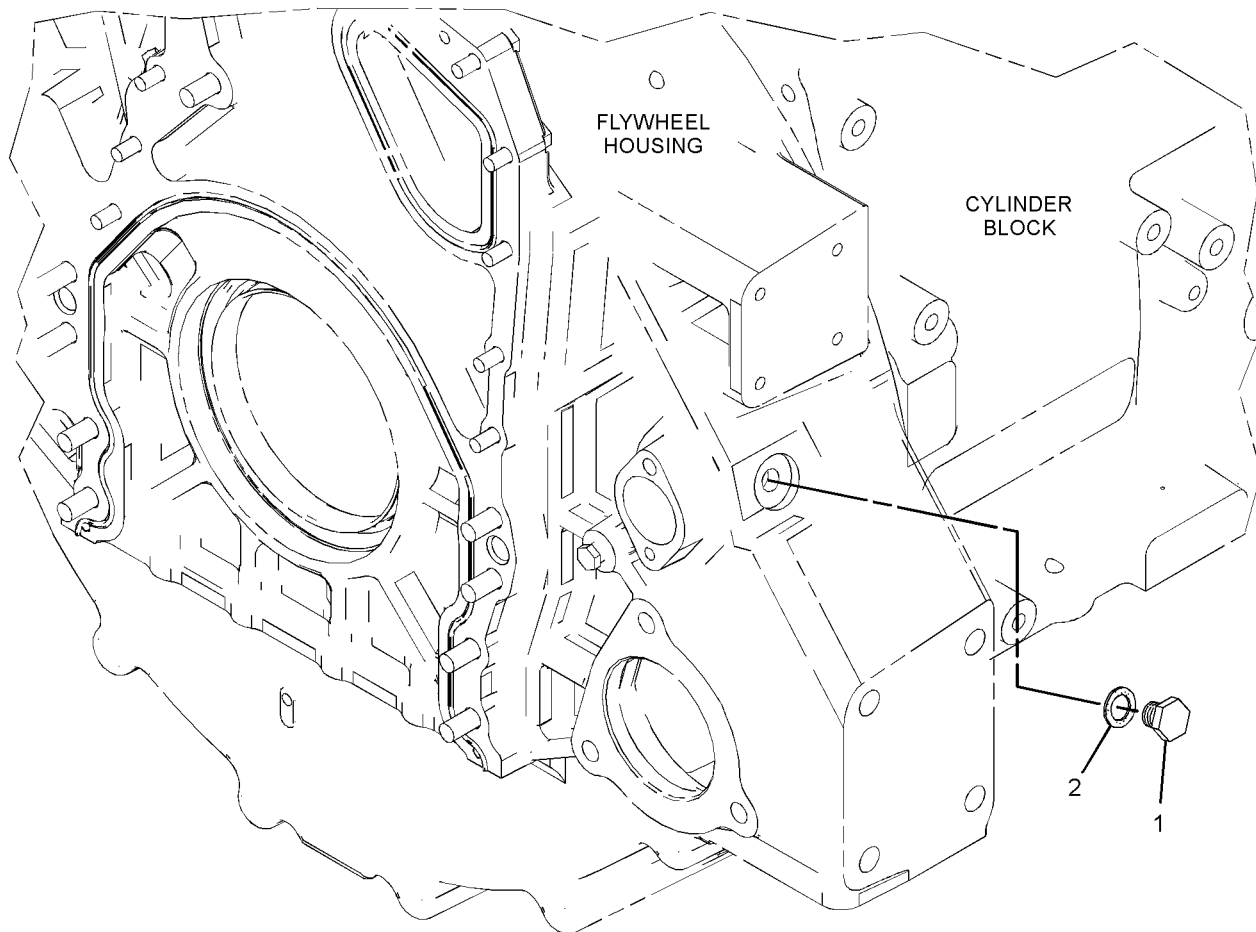
S/N: TXL1-UP; L4X1-UP

PART OF 347-1507 HOUSING GP-FLYWHEEL
FOR USE WITH SAE NO. 0 FLYWHEEL HOUSING

SMCS-1157

i03114042

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5F-0304	1	PLUG						
	2	1	2A-1162	1	GASKET						



GRAPHIC #1

<END>

g01597131

BASIC ENGINE

170-1757 PULLEY GP-CRANKSHAFT

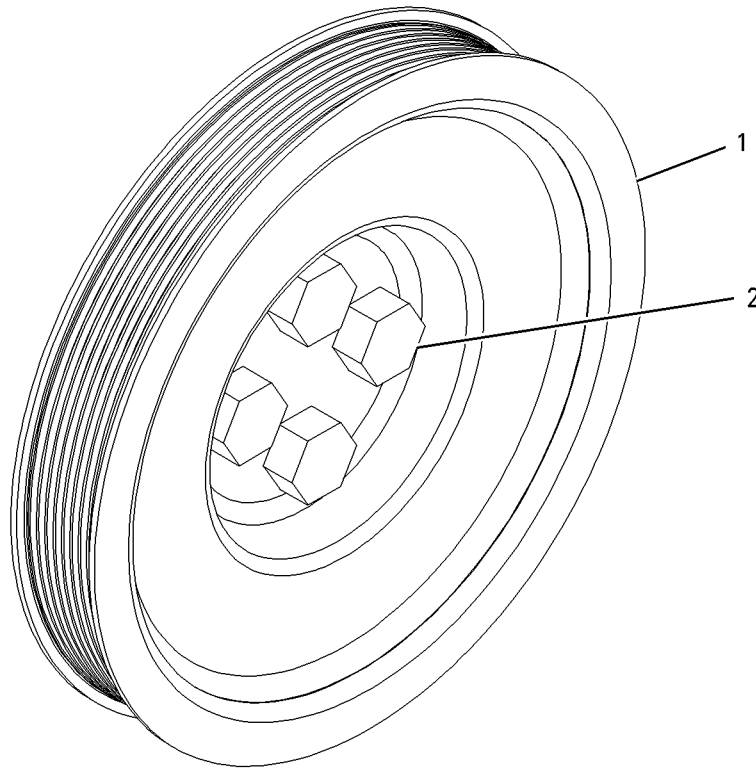
S/N: TXL1-UP; L4X1-UP

PART OF 365-3722 ENGINE AR-COMPLETE

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

257-7999 ROCKER ARM GP

S/N: TXL1-UP; L4X1-UP

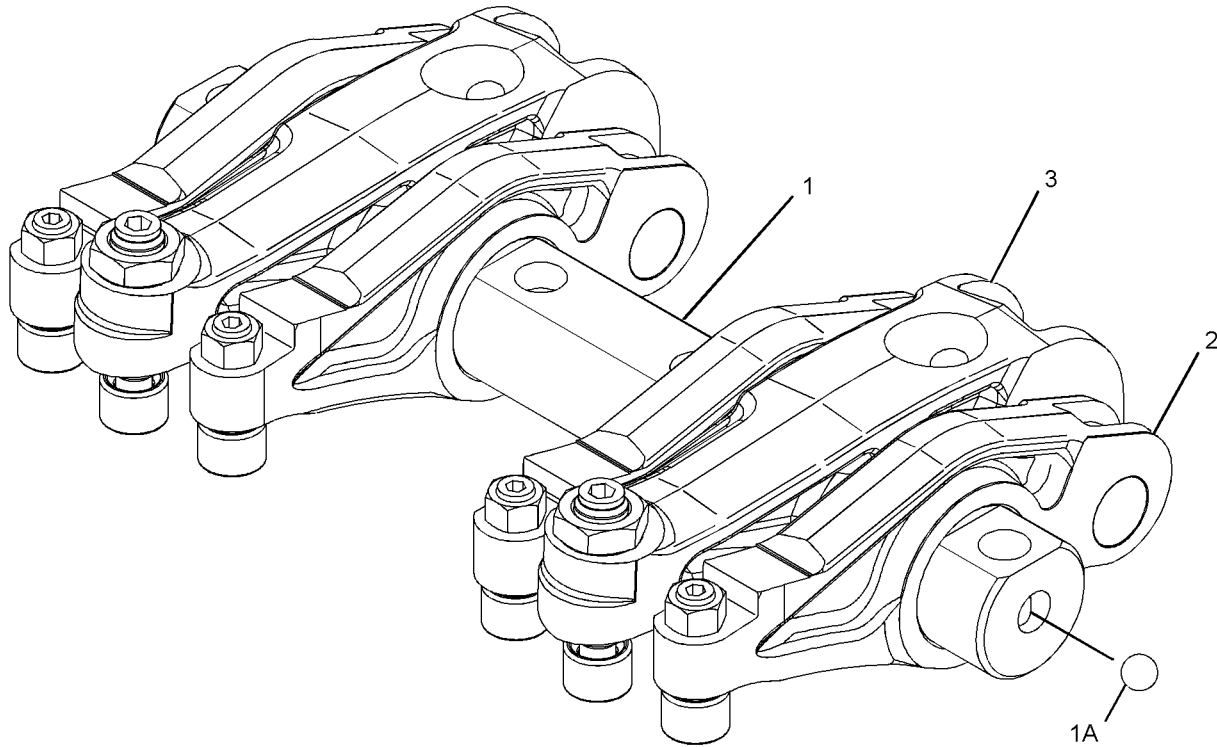
PART OF 265-7878 MECHANISM GP-FUEL PUMP & VALVE

SMCS-1102, 1123

i03856749

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	307-8322	1	SHAFT AS-ROCKER ARM	
	1A	1	4B-9782	2	BALL	
Y	2	1	262-0610	4	ROCKER ARM GP (VALVE ROCKER)	71
Y	3	1	262-0611	2	ROCKER ARM GP (UNIT INJECTOR ROCKER)	72

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01178984

BASIC ENGINE

262-0610 ROCKER ARM GP-VALVE

S/N: TXL1-UP; L4X1-UP

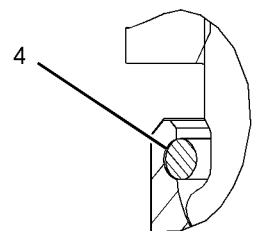
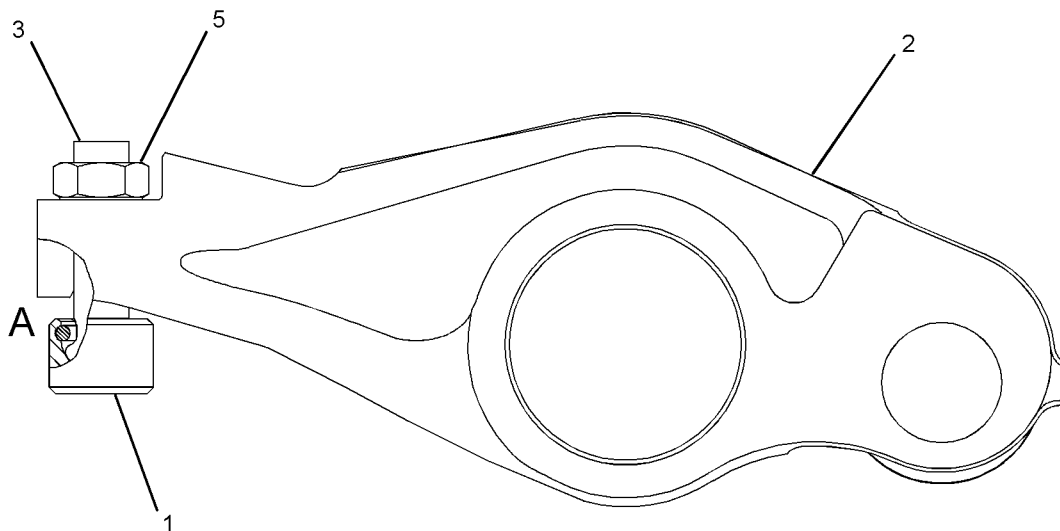
PART OF 257-7999 ROCKER ARM GP

SMCS-1102, 1123

i02412888

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						
CR	2	1	276-4132	1	ROCKER ARM AS						
	3	1	274-4491	1	SCREW-ARM ADJUSTMENT (3/8-24X1.20-IN)						
	4	1	8L-2777	1	SEAL-O-RING						
C	5	1	276-5317	1	NUT (3/8-24-THD)						

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



VIEW OF AREA A

GRAPHIC #1

<END>

g01180546

BASIC ENGINE

262-0611 ROCKER ARM GP-UNIT INJECTOR ROCKER

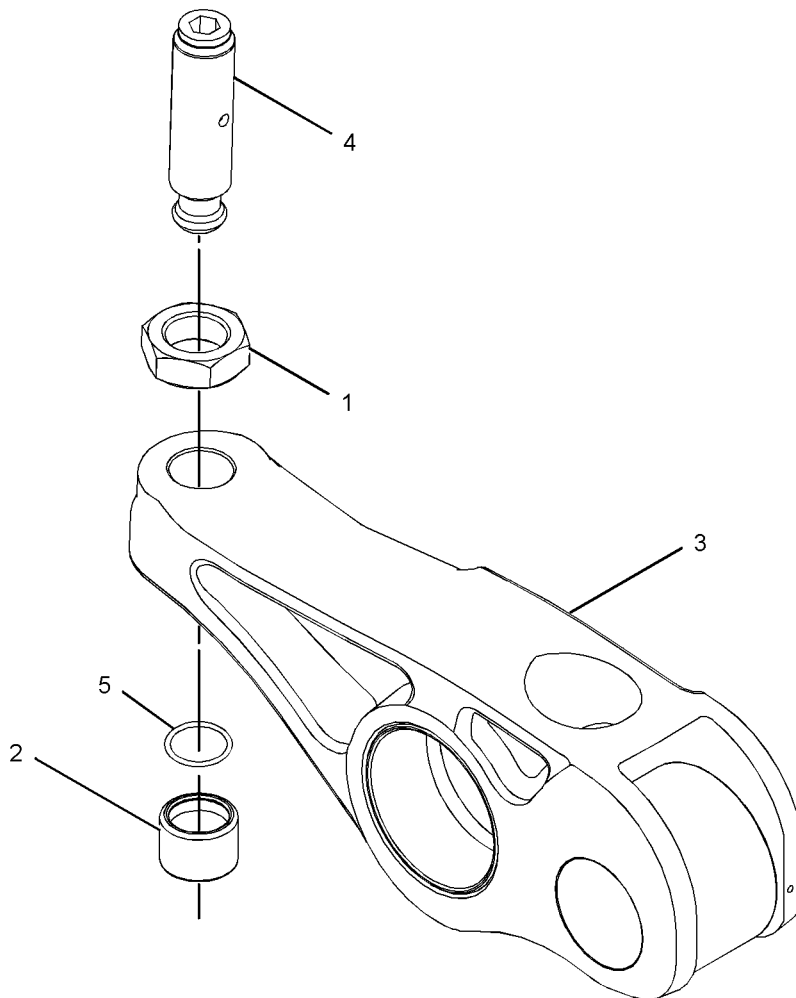
S/N: TXL1-UP; L4X1-UP

PART OF 257-7999 ROCKER ARM GP

SMCS-1102, 1123

i02412702

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	196-5070	1	NUT-JAM (9/16-18-THD)						
	2	1	258-8721	1	BUTTON						
R	3	1	277-3627	1	ROCKER ARM AS (UNIT INJECTOR)						
	4	1	274-4492	1	SCREW-ARM ADJUSTMENT						
	5	1	8L-2777	1	SEAL-O-RING						
R-REMFG PART MAY BE AVAILABLE											



GRAPHIC #1

<END>

g01178354

BASIC ENGINE

319-0785 SEAL GP-CRANKSHAFT-REAR

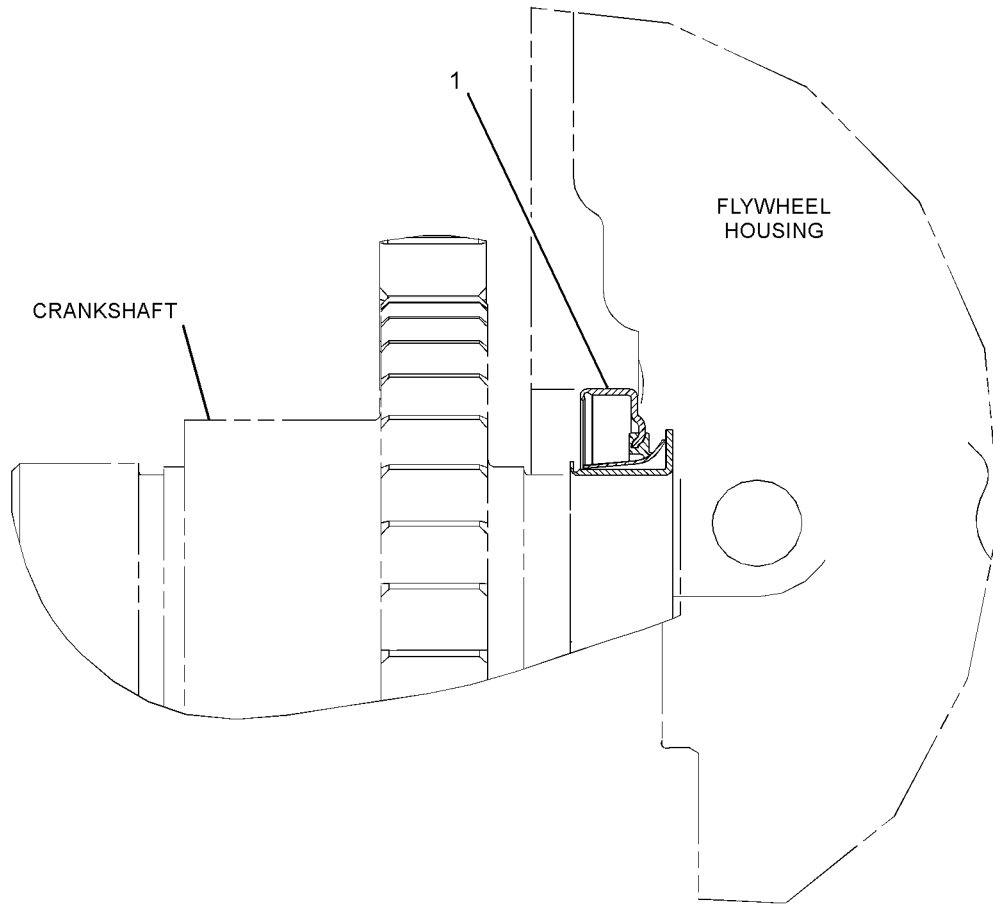
S/N: TXL1-UP; L4X1-UP

PART OF 347-1507 HOUSING GP-FLYWHEEL
FOR USE WITH CCW ROTATION, REAR

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

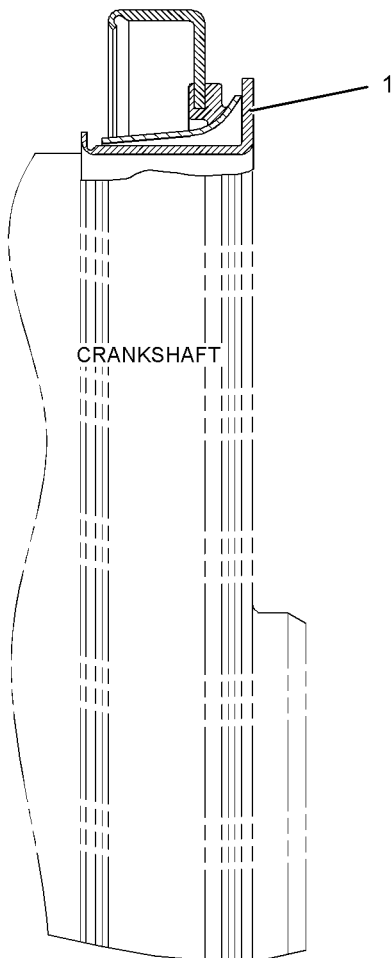
S/N: TXL1-UP; L4X1-UP

PART OF 358-6885 CRANKSHAFT GP

SMCS-1160, 1161

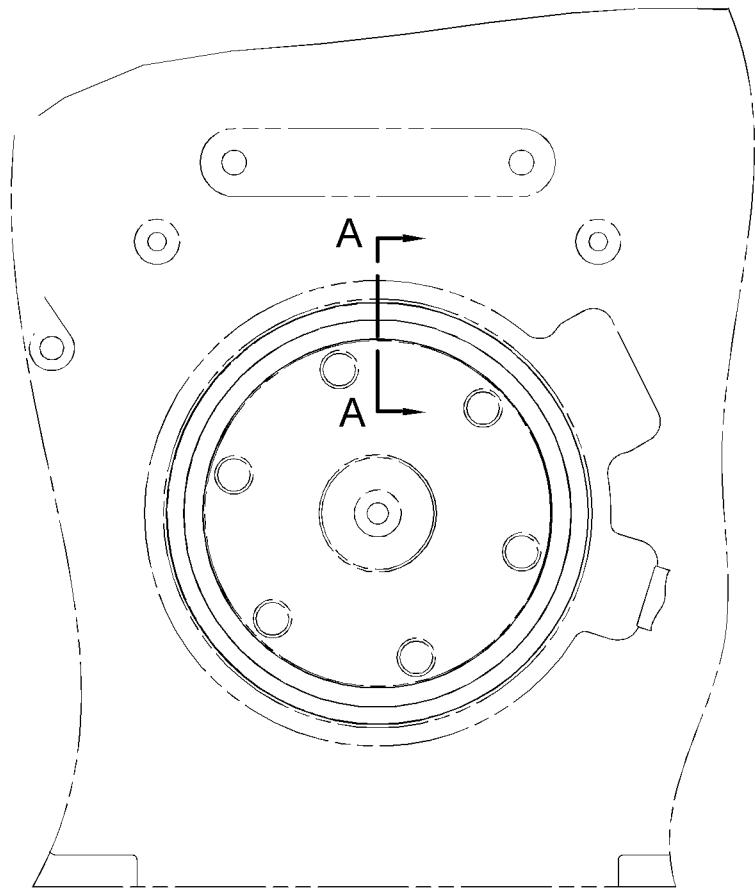
i02957871

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

185-6278 SUPPORT GP-ENGINE-FRONT

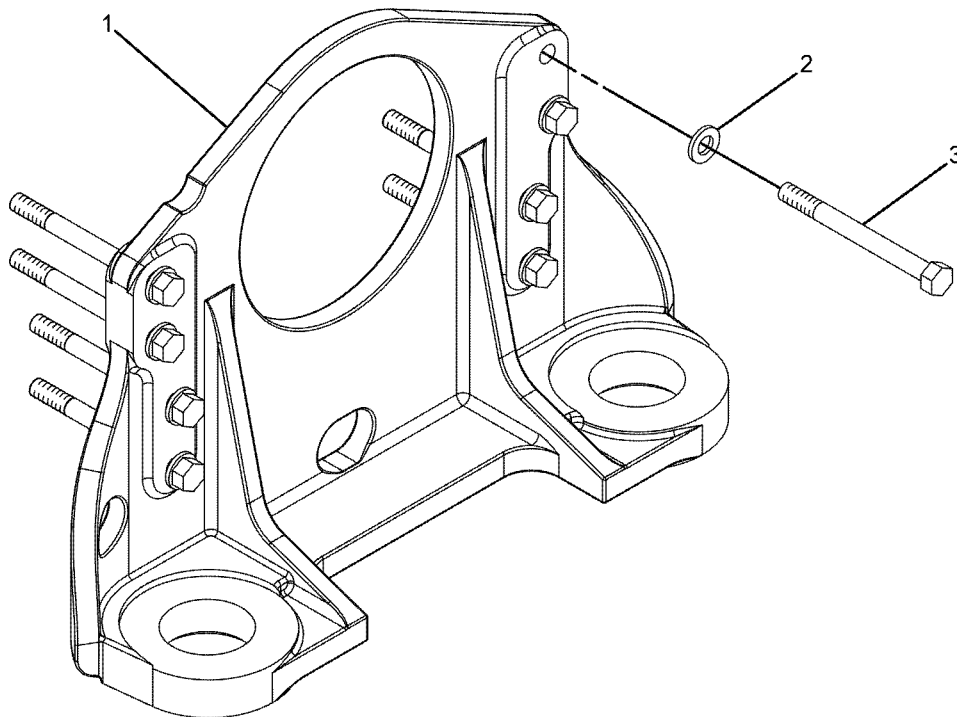
S/N: TXL1-UP; L4X1-UP

PART OF 365-3722 ENGINE AR-COMPLETE

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

347-0967 BASE GP-OIL FILTER

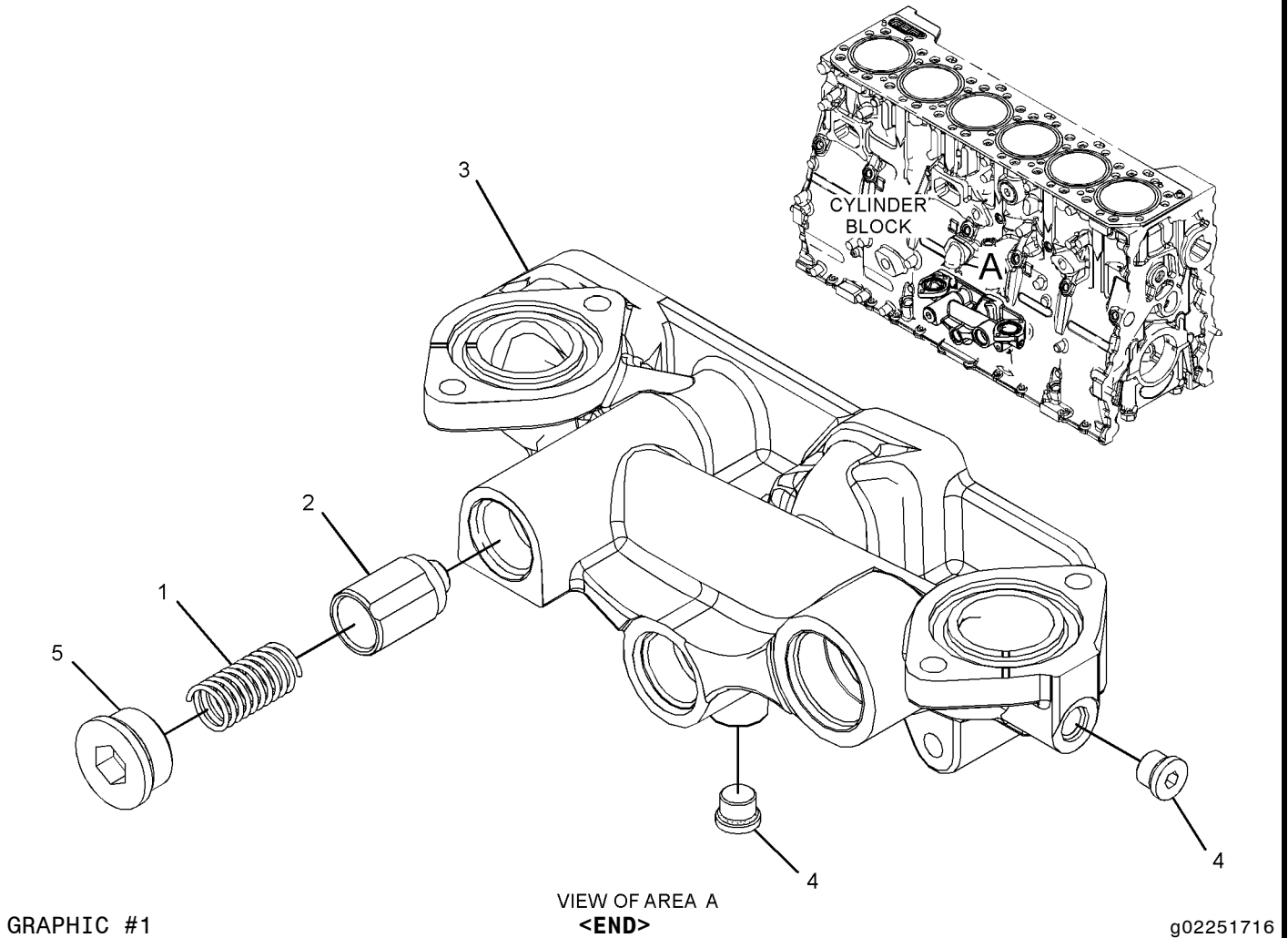
S/N: TXL1-UP; L4X1-UP

PART OF 347-0969 BASE GP-OIL FILTER

SMCS-1306

i04038194

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4N-8150	1	SPRING						
	2	1	1P-1367	1	PLUNGER						
	3	1	347-0817	1	BASE-OIL FILTER						
	4	1	183-3407	2	PLUG AS						
					(EACH INCLUDES)						
		1	9S-8004	1	PLUG-O-RING						
		1	214-7568	1	SEAL-O-RING						
	5	1	319-6234	1	PLUG AS						
		1	9S-9334	1	PLUG-O-RING						
		1	238-5084	1	SEAL-O-RING						



LUBRICATION SYSTEM

347-0969 BASE GP-OIL FILTER

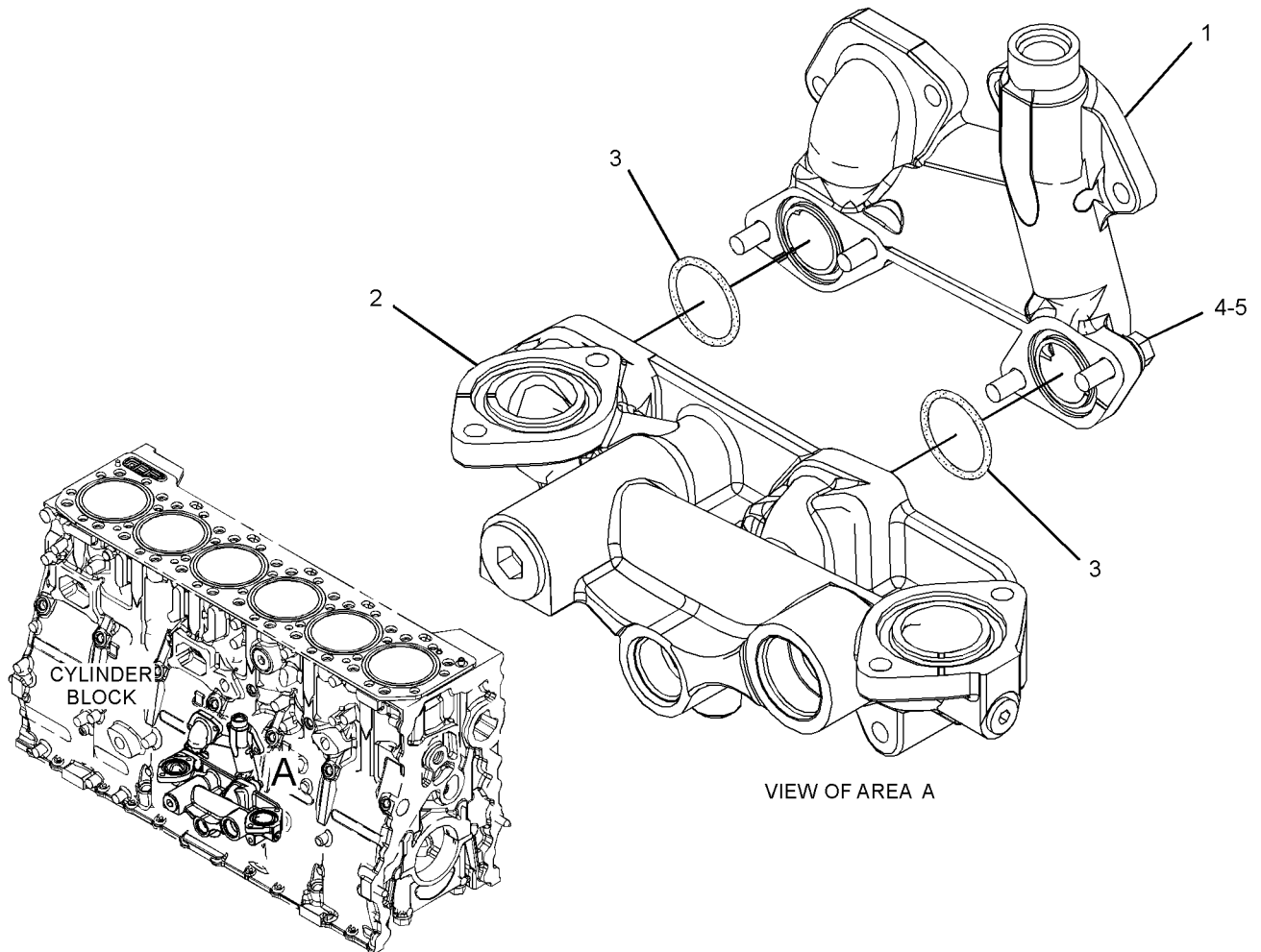
S/N: TXL1-UP; L4X1-UP

PART OF 342-6063 FILTER GP-ENGINE OIL

SMCS-1306

i04038198

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	153-6680	1	ELBOW						
Y	2	1	347-0967	1	BASE GP-OIL FILTER						76
	3	1	061-7540	2	SEAL-O-RING						
	4	1	0S-1588	4	BOLT (3/8-16X1.25-IN)						
	5	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5-MM THK)						
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g02251496

LUBRICATION SYSTEM

338-1575 COVER GP-OIL FILLER

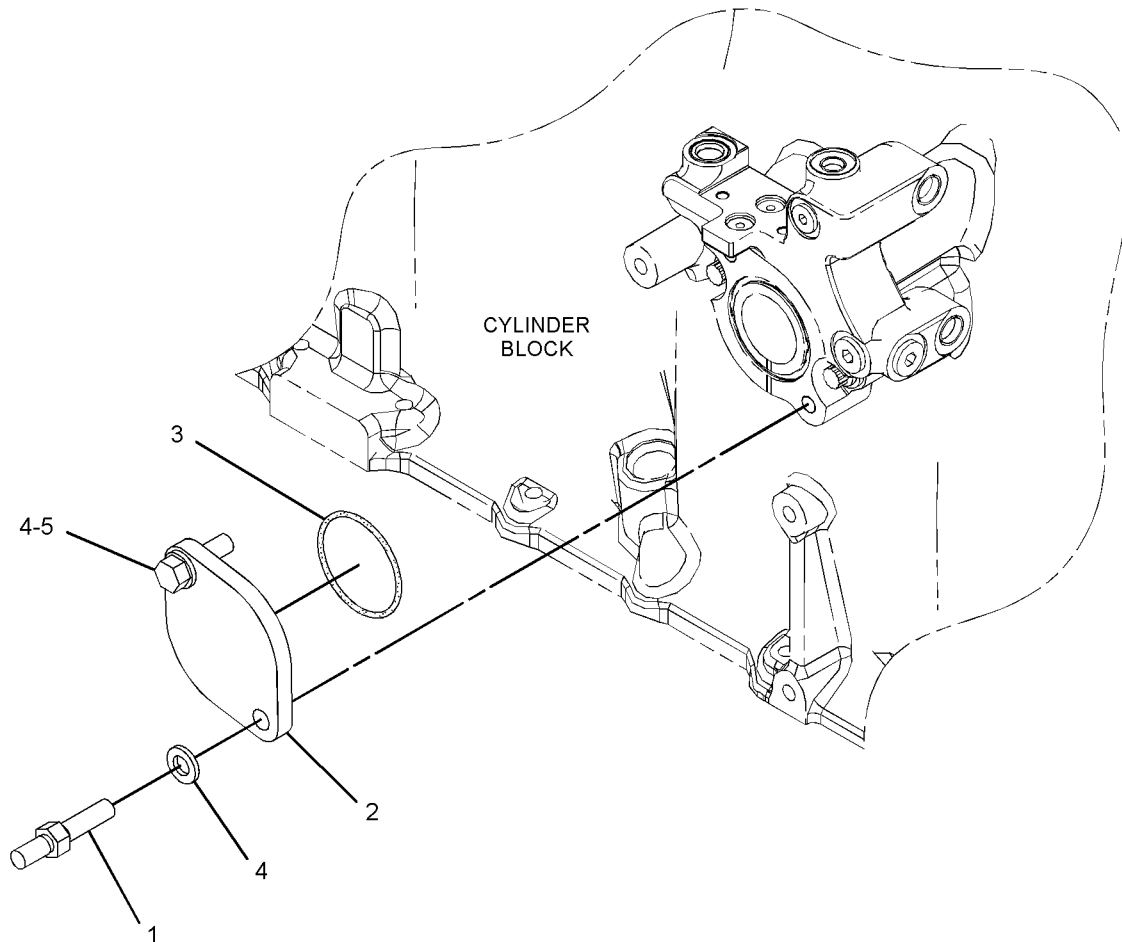
S/N: TXL1-UP; L4X1-UP

PART OF 365-3722 ENGINE AR-COMPLETE

SMCS-1316

i03877253

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	4N-0794	1	COVER						
	3	1	6V-8676	1	SEAL-O-RING						
	4	1	8T-4896	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	5	1	9B-7237	1	BOLT (3/8-16X1.25-IN)						



GRAPHIC #1

<END>

g02200575

LUBRICATION SYSTEM

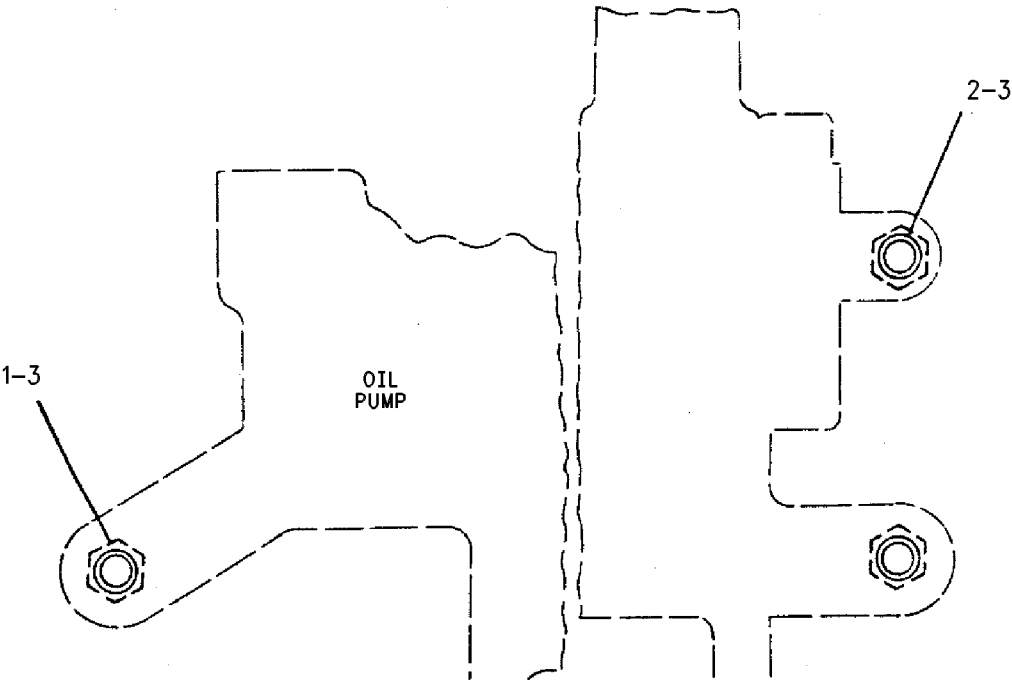
4N-2481 FASTENER GP-OIL PUMP MOUNTING-ENGINE

S/N: TXL1-UP; L4X1-UP
PART OF 365-3722 ENGINE AR-COMPLETE

SMCS-1304

i02728826

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



GRAPHIC #1

<END>

g00604525

LUBRICATION SYSTEM

342-6063 FILTER GP-ENGINE OIL

S/N: TXL1-UP; L4X1-UP

REMOTE

PART OF 365-3722 ENGINE AR-COMPLETE

CANNOT BE USED WITH NON-REMOTE OIL FILTER

SMCS-1308

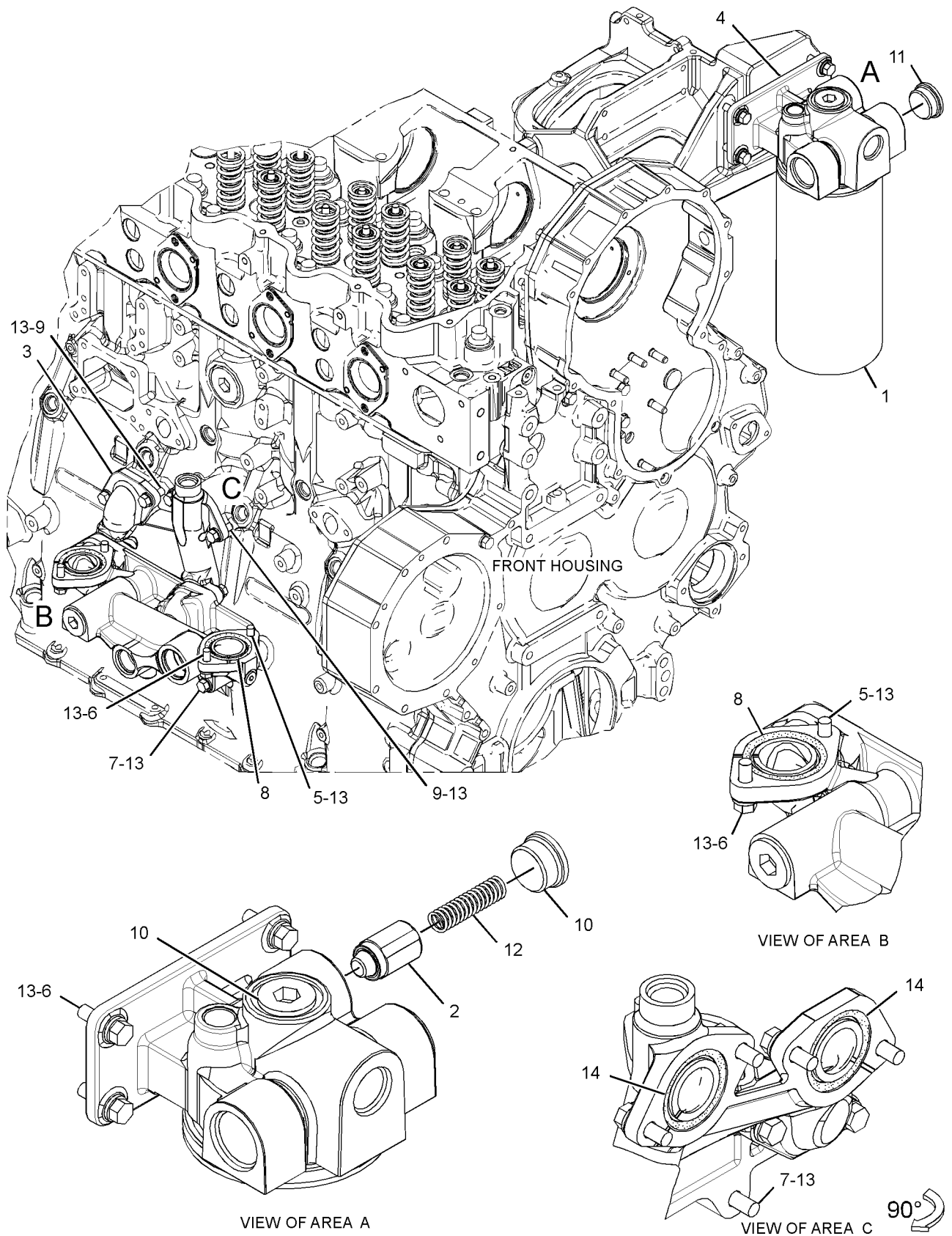
i04273609

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1R-1808	1	FILTER-ENGINE OIL (ADVANCED EFFICIENCY)	
	2	1	9M-0853	1	PLUNGER-VALVE	
Y	3	1	347-0969	1	BASE GP-OIL FILTER	77
	4	1	362-3515	1	BASE AS-OIL FILTER	
		1	6V-7604	1	PLUG-CUP	
	5	1	0L-1143	2	BOLT (3/8-16X2.5-IN)	
	6	1	0S-1588	6	BOLT (3/8-16X1.25-IN)	
	7	1	0S-1608	2	BOLT (3/8-16X3.75-IN)	
	8	1	113-5304	2	SEAL-O-RING	
	9	1	1A-2029	4	BOLT (3/8-16X1.125-IN)	
	10	1	319-6234	2	PLUG AS	
					(EACH INCLUDES)	
		1	238-5084	1	SEAL-O-RING	
		1	9S-9334	1	PLUG-O-RING	
11		1	329-5455	1	PLUG AS	
		1	9S-8010	1	PLUG	
		1	228-7096	1	SEAL-O-RING	
12		1	4N-8150	1	SPRING	
13		1	5M-2894	14	WASHER-HARD (10.2X18.5X2.5-MM THK)	
14		1	8C-5230	2	SEAL-O-RING	
Y-SEPARATE ILLUSTRATION						

LUBRICATION SYSTEM

342-6063 FILTER GP-ENGINE OIL (contd.)

i04273609



GRAPHIC #1

<END>

g02371516

LUBRICATION SYSTEM

336-9358 FUMES DISPOSAL GP

S/N: TXL1-UP; L4X1-UP

PROVIDES AN OPEN CRANKCASE FILTER FUMES DISPOSAL SYSTEM

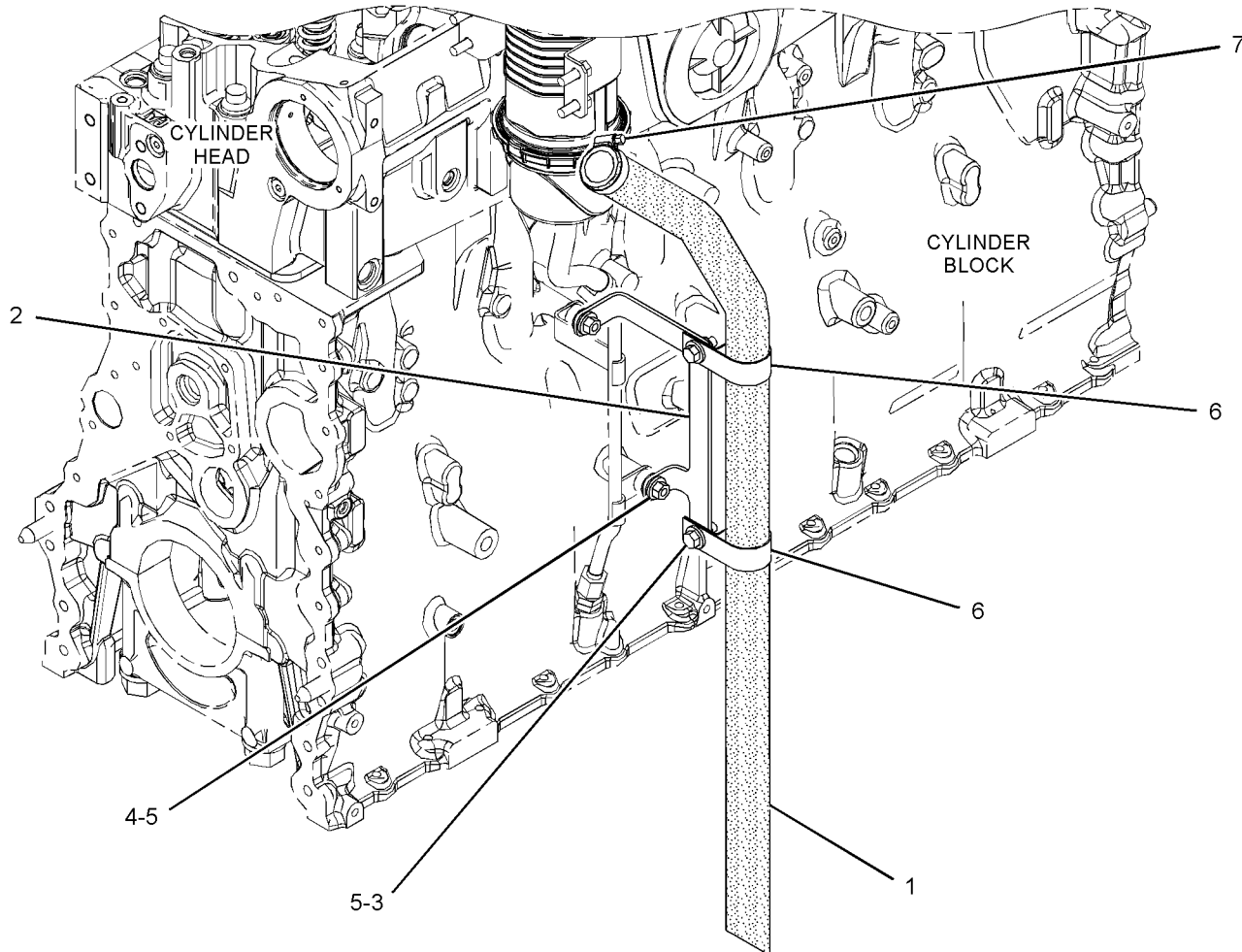
PART OF 365-3722 ENGINE AR-COMplete

FOR USE WITH MID BREATHER UP MIXER, 342-5971-PAGE 83

SMCS-1317

i04174249

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	339-5101	1	HOSE						
	2	1	339-5105	1	BRACKET AS						
		1	1F-0750	2	NUT-WELD (3/8-16-THD)						
	3	1	0S-1594	2	BOLT (3/8-16X1-IN)						
	4	1	9S-8752	2	NUT-FULL (3/8-16-THD)						
	5	1	9X-6458	6	WASHER-HARD (10.2X22.5X3-MM THK)						
	6	1	7L-3203	2	CLIP						
	7	1	8T-1117	1	CLAMP-HOSE						



GRAPHIC #1

<END>

g02370836

LUBRICATION SYSTEM

342-5971 FUMES DISPOSAL GP

S/N: TXL1-UP; L4X1-UP

PART OF 365-3722 ENGINE AR-COMplete

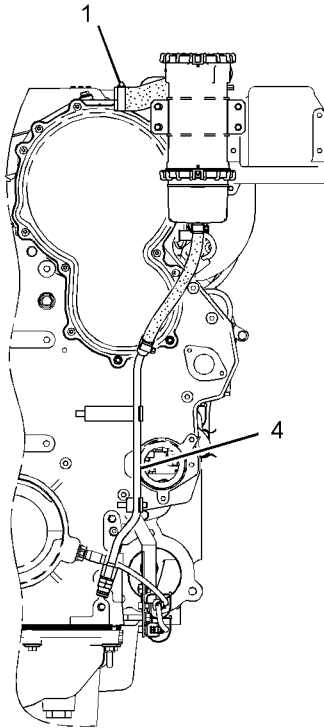
FOR USE WITH SECONDARY FUEL FILTER MOUNTING GP AND FRONT BREATHER

SMCS-1317

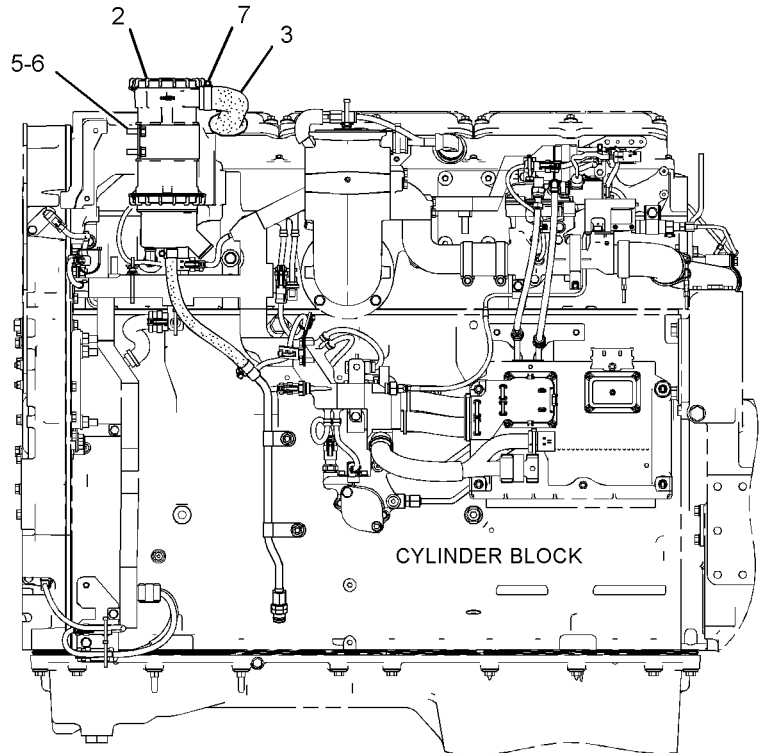
i04130459

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	9M-0164	1	CLAMP-HOSE	
	2	1	344-5109	1	FILTER GP-FUMES DISPOSAL	
		1	335-4018	1	FILTER GP-FUMES DISPOSAL	
		1	326-4690	1	FILTER ELEMENT-FUMES DISPOSAL	
		1	353-0288	1	BRACKET AS-MOUNTING	
	3	1	344-5117	1	HOSE	
Y	4	1	353-7537	1	FUMES DISPOSAL GP	84
	5	1	0S-1594	4	BOLT (3/8-16X1-IN)	
	6	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	7	1	8T-1117	1	CLAMP-HOSE	

Y-SEPARATE ILLUSTRATION



FRONT VIEW
OF ENGINE



LEFT SIDE VIEW OF ENGINE

GRAPHIC #1

<END>

g02172273

LUBRICATION SYSTEM

353-7537 FUMES DISPOSAL GP

S/N: TXL1-UP; L4X1-UP

OPEN CRANKCASE VENTILATION DRAIN

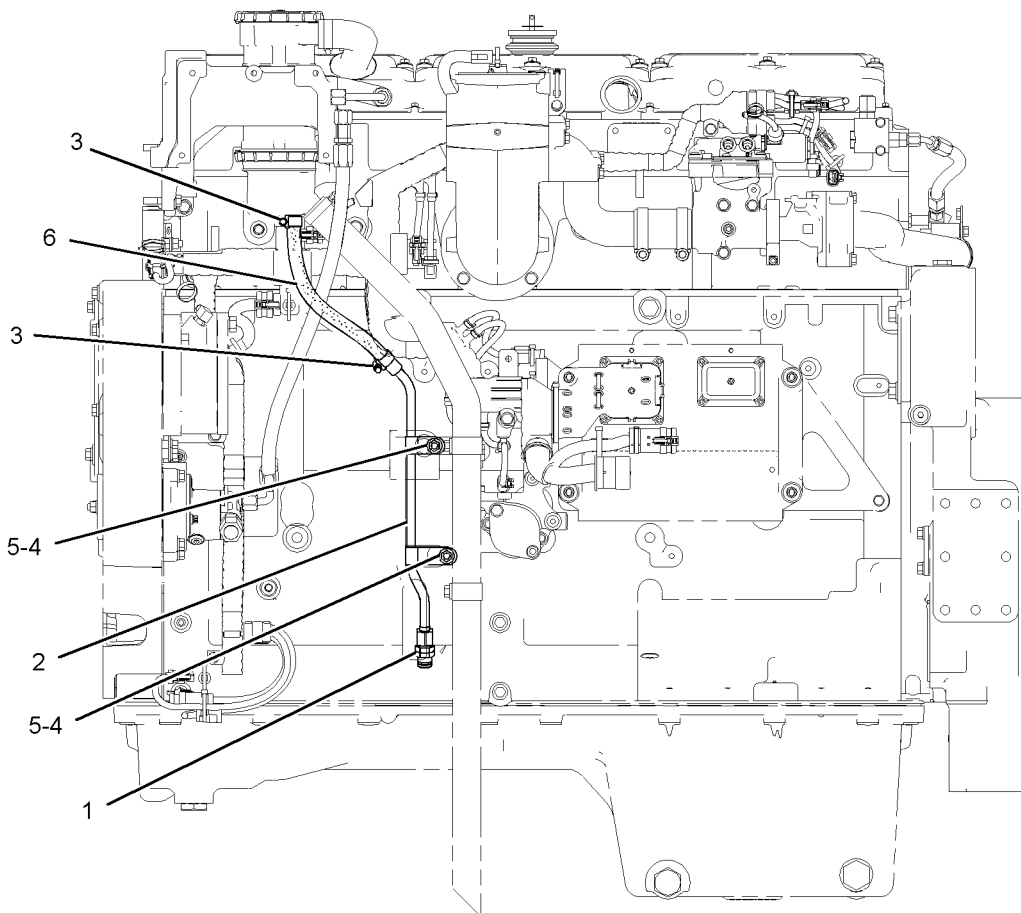
PART OF 342-5971 FUMES DISPOSAL GP

FOR USE WITH 342-5971-PAGE 83

SMCS-1317

i03900794

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	331-6073	1	VALVE AS-CHECK						
		1	118-5068	1	SEAL-O-RING						
	2	1	344-5118	1	TUBE AS						
	3	1	109-1145	2	CLAMP-HOSE						
	4	1	174-4883	2	STUD						
	5	1	9X-6458	2	WASHER-HARD (10.2X22.5X3-MM THK)						
E	6	1	5P-1505		HOSE (31-CM)						
E-ORDER BY THE CENTIMETER											



LEFT SIDE VIEW OF ENGINE

GRAPHIC #1

<END>

g02157654

LUBRICATION SYSTEM

347-1486 GAUGE GP-OIL LEVEL (DIPSTICK)-ENGINE

S/N: TXL1-UP; L4X1-UP

LEFT, REAR

PART OF 365-3722 ENGINE AR-COMPLETE

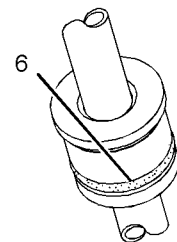
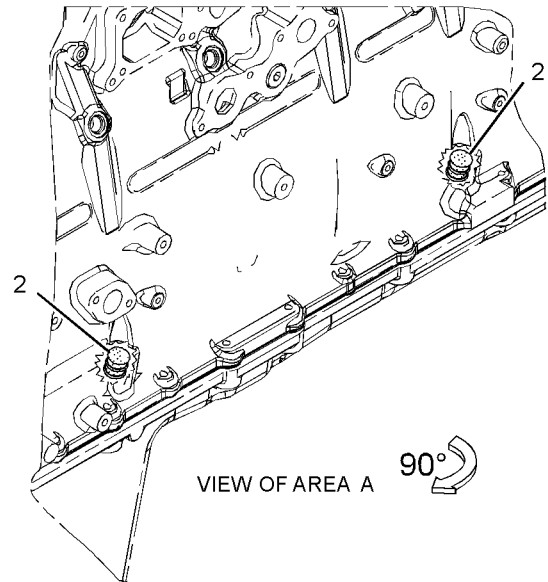
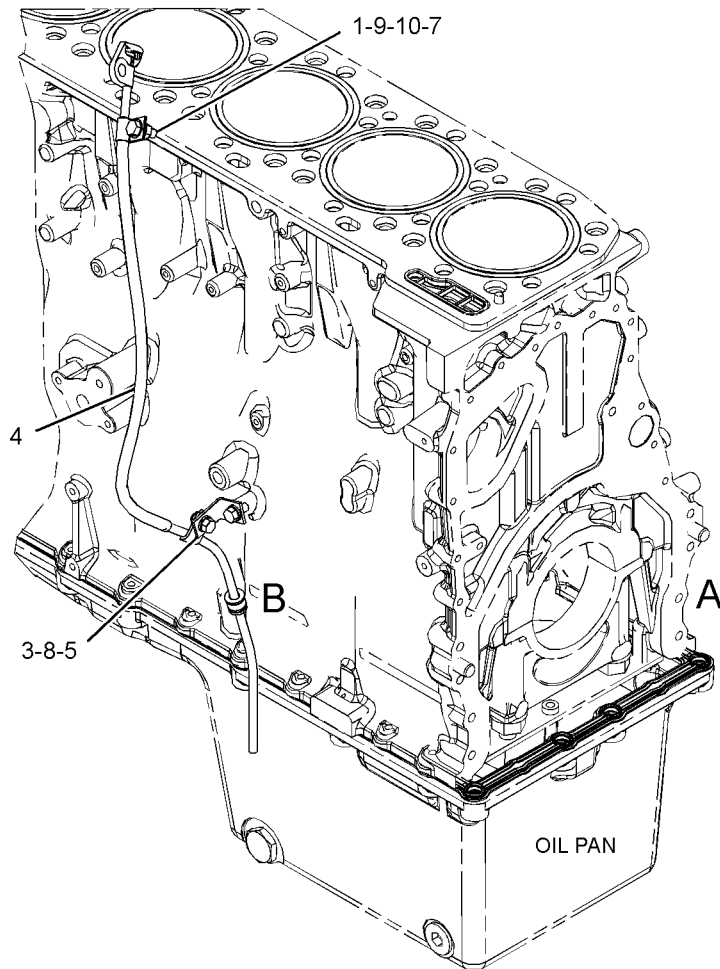
SMCS-1326

i04174243

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
M	1	1	8T-4136	1	BOLT (M10X1.5X25-MM)	86
	2	1	165-6170	2	PLUG	
	3	1	302-5345	1	BRACKET	
Y	4	1	347-1487	1	GAUGE GP-OIL LEVEL (DIPSTICK) (ENGINE)	
	5	1	0S-0509	2	BOLT (3/8-16X0.75-IN)	
	6	1	118-5068	1	SEAL-O-RING	
	7	1	4B-0418	1	CLIP	
	8	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	9	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)	
M	10	1	8T-4133	1	NUT (M10X1.5-THD)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



VIEW OF AREA B

GRAPHIC #1

<END>

g02372237

LUBRICATION SYSTEM

347-1487 GAUGE GP-OIL LEVEL (DIPSTICK)-ENGINE

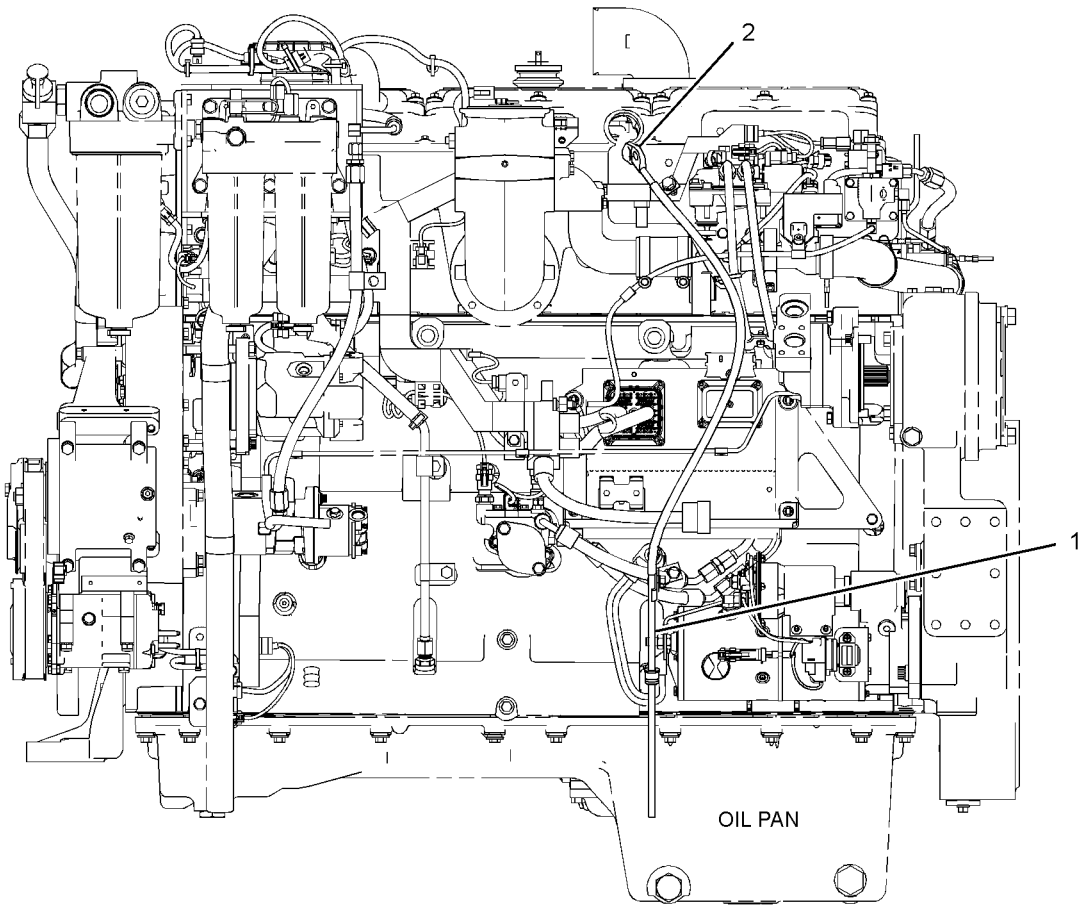
S/N: TXL1-UP; L4X1-UP

PART OF 347-1486 GAUGE GP-OIL LEVEL (DIPSTICK)

SMCS-1326

i03879380

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	302-2722	1	TUBE AS-OIL GAUGE						
	2	1	347-1488	1	GAUGE AS-OIL LEVEL (DIPSTICK) (ENGINE)						



LEFT SIDE VIEW OF ENGINE

GRAPHIC #1

<END>

g02173585

LUBRICATION SYSTEM

346-1452 LINES GP-ENGINE OIL

S/N: TXL1-UP; L4X1-UP

REMOTE

PART OF 365-3722 ENGINE AR-COMPLETE
FOR USE WITH HIGH MOUNT LHS OIL FILTER

SMCS-1307

i04274222

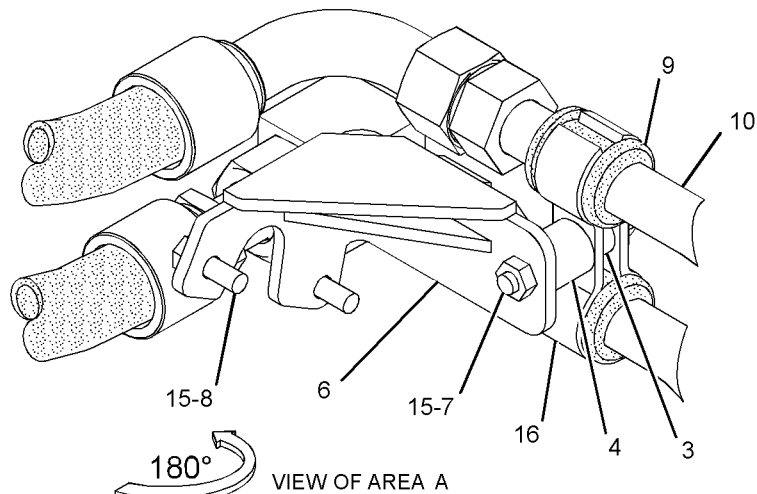
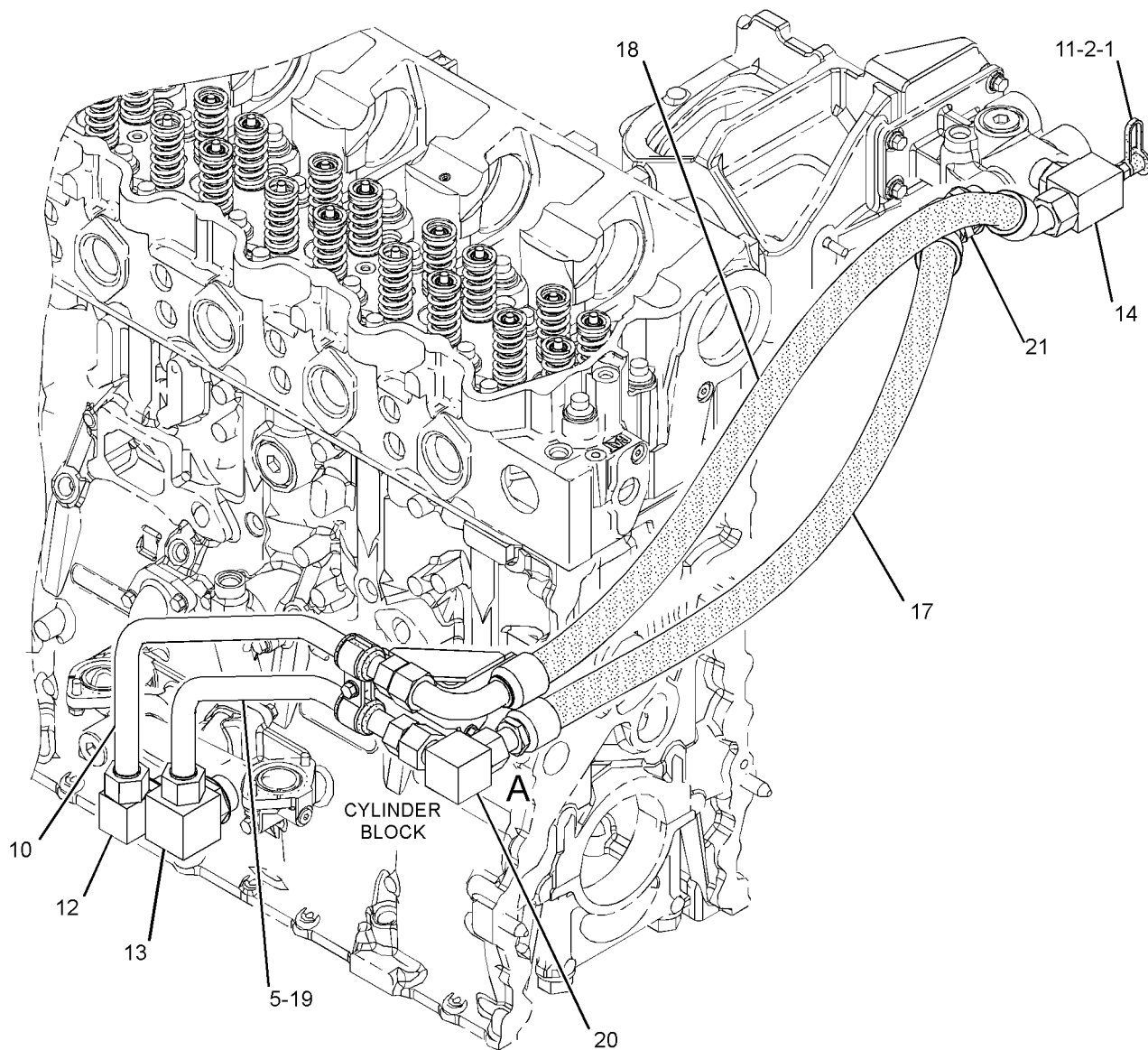
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8C-3445	1	CAP-DUST						
	2	1	217-9060	1	VALVE AS-FLUID SAMPLING						
		1	3J-7354	1	SEAL-O-RING						
		1	154-9023	1	VALVE-SAMPLING						
	3	1	294-5042	2	SPACER (11.1X19.5X9.67-MM THK)						
	4	1	101-3121	1	SPACER (10.5X25X25-MM THK)						
	5	1	370-1191	1	TUBE AS						
	6	1	348-3316	1	BRACKET AS						
	7	1	0L-1143	1	BOLT (3/8-16X2.5-IN)						
	8	1	0S-1594	2	BOLT (3/8-16X1-IN)						
	9	1	122-0450	2	GROMMET						
	10	1	370-1192	1	TUBE AS						
	11	1	319-6208	1	ADAPTER AS						
		1	5P-9617	1	ADAPTER						
		1	214-7568	1	SEAL-O-RING						
	12	1	319-6220	1	ELBOW AS						
		1	6V-9008	1	ELBOW						
		1	228-7093	1	SEAL-O-RING						
		1	238-5084	1	SEAL-O-RING						
	13	1	319-6230	1	ELBOW AS						
		1	8T-8987	1	ELBOW						
		1	228-7093	1	SEAL-O-RING						
		1	228-7096	1	SEAL-O-RING						
	14	1	335-3973	1	TEE AS						
		1	8C-6515	1	TEE						
		1	228-7093	1	SEAL-O-RING						
		1	238-5084	1	SEAL-O-RING						
	15	1	5M-2894	3	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	16	1	8F-8398	2	CLAMP						
I	17	1	370-1193	1	HOSE AS						
	18	1	370-1194	1	HOSE AS						
	19	1	228-7093	2	SEAL-O-RING						
	20	1	315-9837	1	ELBOW AS						
		1	6V-9854	1	ELBOW						
		1	228-7093	1	SEAL-O-RING						
	21	1	330-9761	1	ELBOW AS						
		1	143-4281	1	ELBOW						
		1	228-7093	1	SEAL-O-RING						
		1	228-7096	1	SEAL-O-RING						

I-REFER TO HYDRAULIC INFORMATION SYSTEM

LUBRICATION SYSTEM

346-1452 LINES GP-ENGINE OIL (contd.)

i04274222



GRAPHIC #1

<END>

g02442217

LUBRICATION SYSTEM

354-5935 LINES GP-ENGINE OIL

S/N: TXL1-UP; L4X1-UP

PART OF 365-3722 ENGINE AR-COMPLETE

SMCS-1307

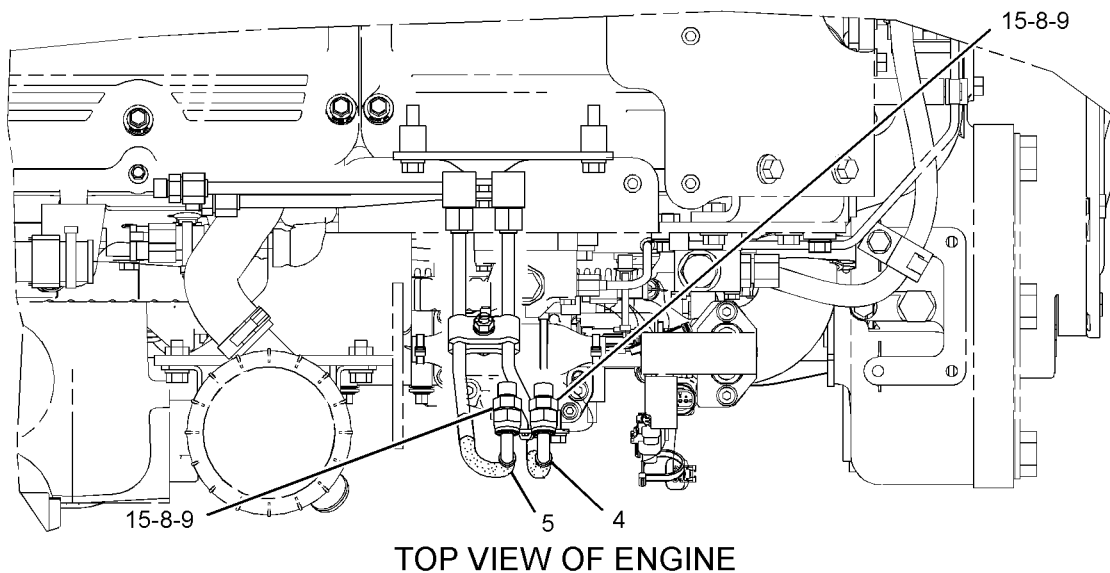
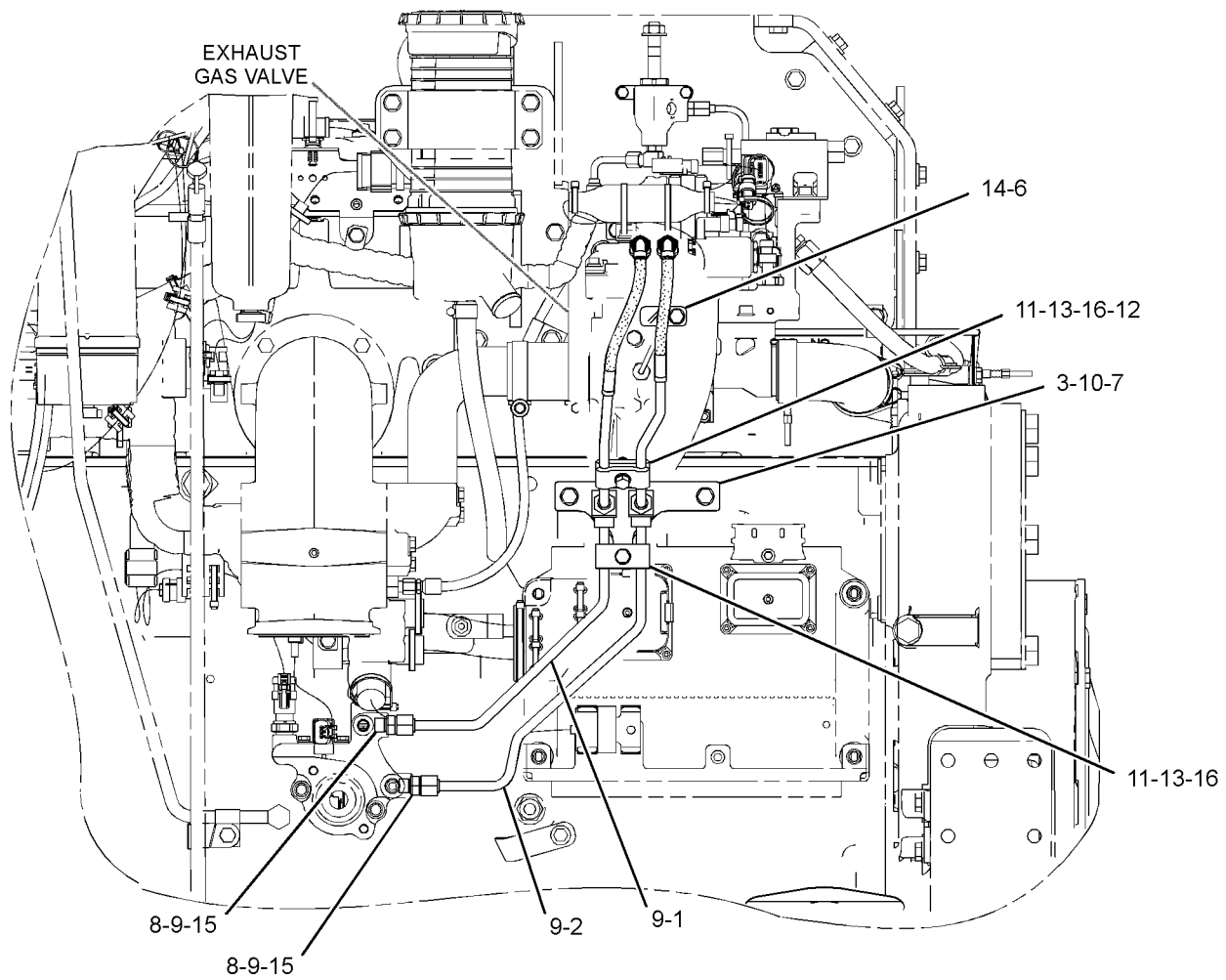
i04223630

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	344-1908	1	TUBE AS						
	2	1	344-1909	1	TUBE AS						
	3	1	344-6587	1	BRACKET AS						
M		1	8T-3612	1	NUT-WELD (M8X1.25-THD)						
		1	9N-4685	2	BLOCK						
	4	1	354-5936	1	HOSE AS-OIL DRAIN						
	5	1	354-5937	1	HOSE AS-OIL SUPPLY						
	6	1	354-8099	1	BRACKET						
	7	1	0S-1571	2	BOLT (3/8-16X1.75-IN)						
	8	1	214-7568	4	SEAL-O-RING						
	9	1	228-7089	6	SEAL-O-RING						
	10	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	11	1	5M-5687	4	CLIP						
M	12	1	5P-7970	1	NUT (M8X1.25-THD)						
M	13	1	6V-2317	2	BOLT (M8X1.25X30-MM)						
M	14	1	6V-5217	1	BOLT (M8X1.25X20-MM)						
	15	1	6V-8636	4	CONNECTOR						
	16	1	9M-1974	4	WASHER-HARD (8.8X16X2-MM THK)						
M-METRIC PART											

LUBRICATION SYSTEM

354-5935 LINES GP-ENGINE OIL (contd.)

i04223630



GRAPHIC #1

<END>

g02407917

LUBRICATION SYSTEM

291-8923 LINES GP-ENGINE OIL DRAIN

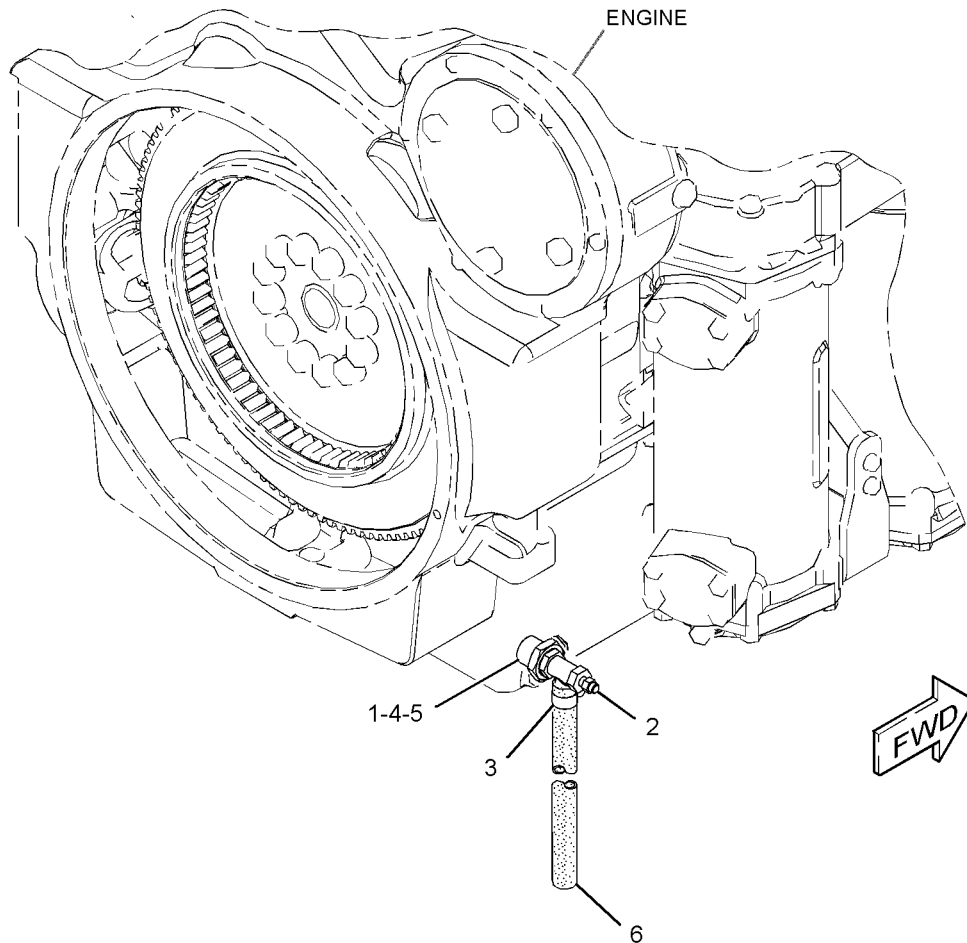
S/N: T4R1-UP

PART OF 291-8722 POWER TRAIN AR

SMCS-1307

i04169621

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3E-7427	1	ADAPTER						
	2	1	7E-4761	1	VALVE-DRAIN (ENGINE OIL PAN)						
	3	1	8T-0154	1	CLAMP-HOSE						
	4	1	061-9458	1	SEAL-O-RING						
	5	1	8L-2786	1	SEAL-O-RING						
D	6	1	4U-7962		HOSE-HEATER (0.8-M)						
D-ORDER BY THE METER											



GRAPHIC #1

<END>

g02383198

LUBRICATION SYSTEM

352-0300 LINES GP-TURBOCHARGER OIL

S/N: TXL1-UP; L4X1-UP

FORWARD EXHAUST

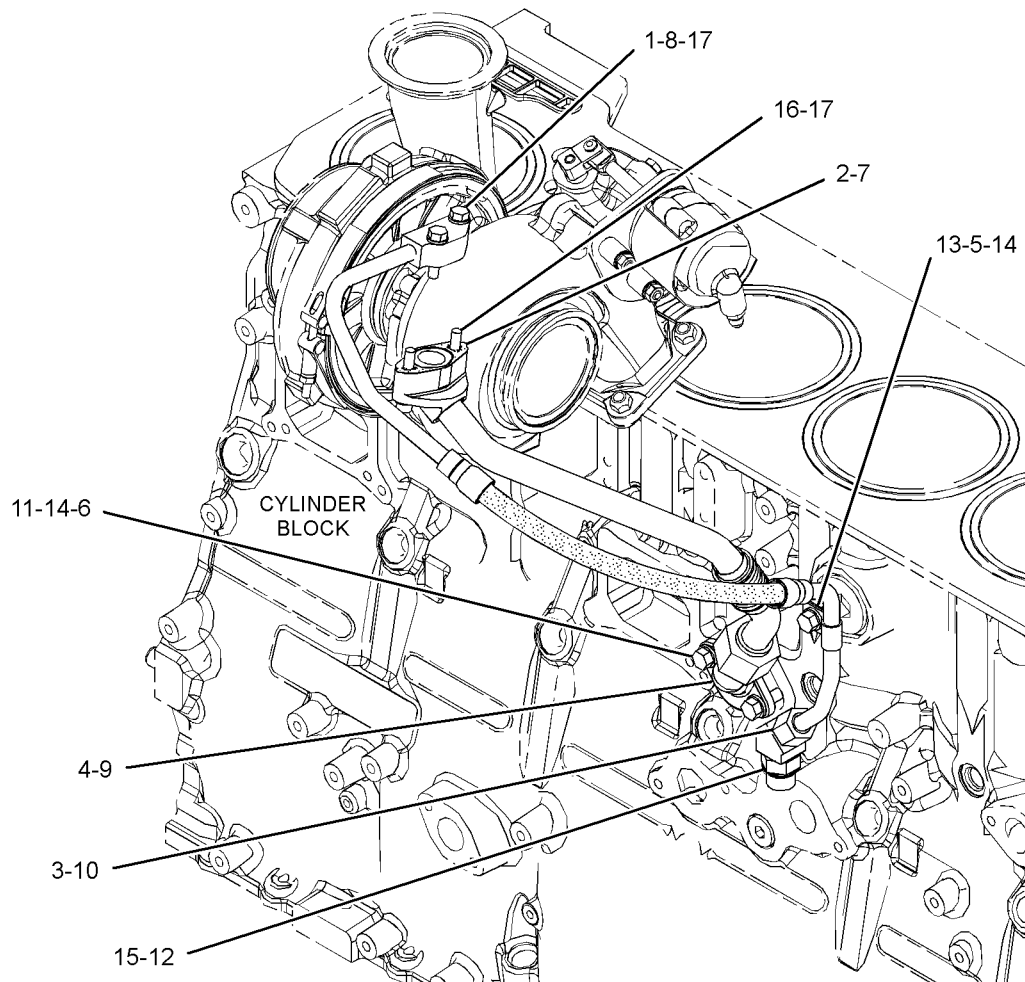
PART OF 365-3722 ENGINE AR-COMPLETE

SMCS-1052, 1307

i04174242

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	197-8418	1	GASKET						
	2	1	350-4359	1	TUBE AS						
	3	1	350-4360	1	HOSE & TUBE AS						
E		1	224-7700		HOSE (32-CM)						
	4	1	352-8588	1	ELBOW						
	5	1	0S-0509	1	BOLT (3/8-16X0.75-IN)						
	6	1	0S-1594	2	BOLT (3/8-16X1-IN)						
	7	1	197-8419	1	GASKET						
	8	1	1B-2790	2	BOLT (5/16-18X1.375-IN)						
	9	1	210-9246	1	SEAL-O-RING						
	10	1	228-7090	1	SEAL-O-RING						
	11	1	228-7093	1	SEAL-O-RING						
	12	1	238-5081	1	SEAL-O-RING						
	13	1	5D-6523	1	CLIP						
	14	1	5M-2894	3	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	15	1	6V-8624	1	ELBOW						
	16	1	7S-6701	2	BOLT (5/16-18X1.75-IN)						
	17	1	9M-1974	4	WASHER-HARD (8.8X16X2-MM THK)						

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g02370896

LUBRICATION SYSTEM

161-4113 PUMP GP-ENGINE OIL*R

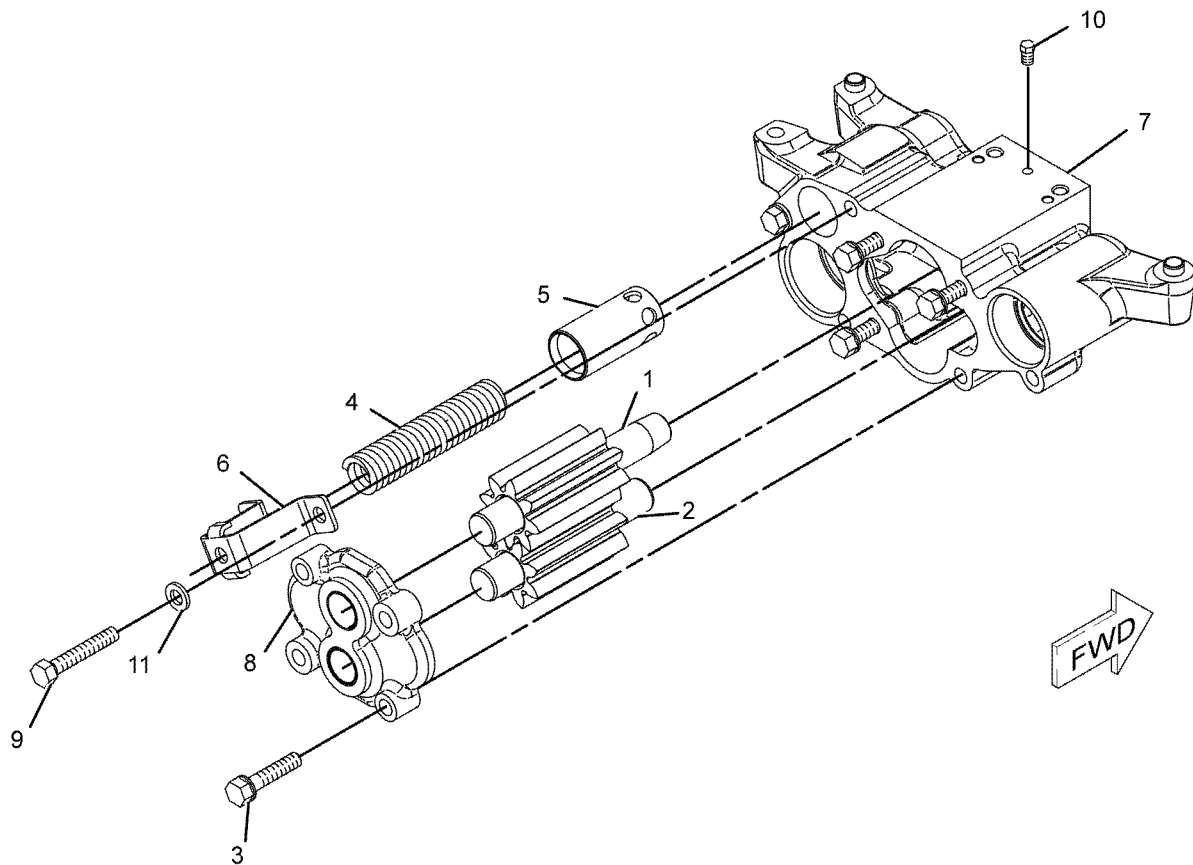
S/N: TXL1-UP; L4X1-UP

PART OF 345-4408 ENGINE AR-CORE

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

342-6153 COOLER GP-ENGINE OIL

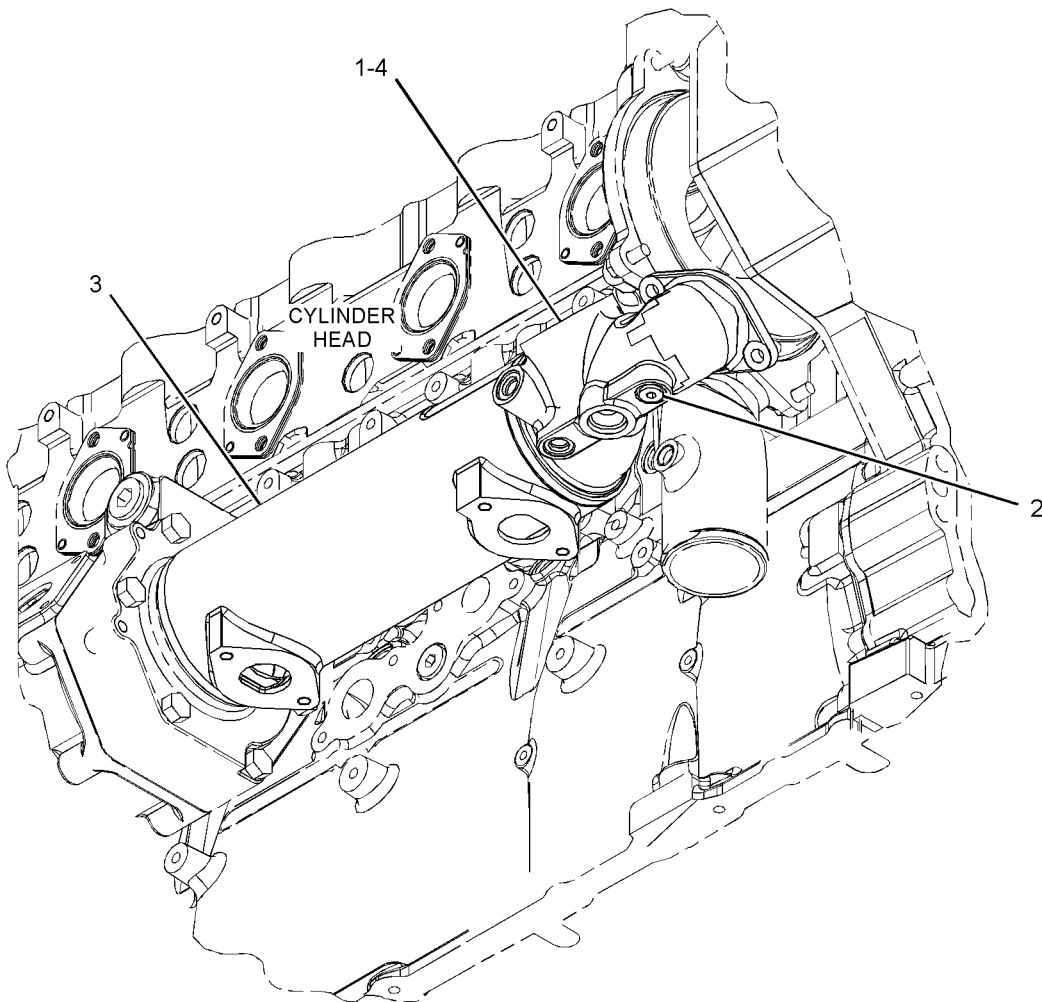
S/N: TXL1-UP; L4X1-UP

PART OF 342-6157 LINES GP-WATER

SMCS-1378

i04227213

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	341-4709	1	BONNET						
	2	1	353-5124	1	PLUG AS						
		1	6V-3250	1	SEAL-O-RING						
		1	9S-8004	1	PLUG-O-RING						
	3	1	359-1622	1	CORE AS-OIL COOLER (ENGINE)						
	4	1	109-0077	1	SEAL-O-RING						



GRAPHIC #1

<END>

g02419217

COOLING SYSTEM

341-4960 COVER GP-WATER PUMP

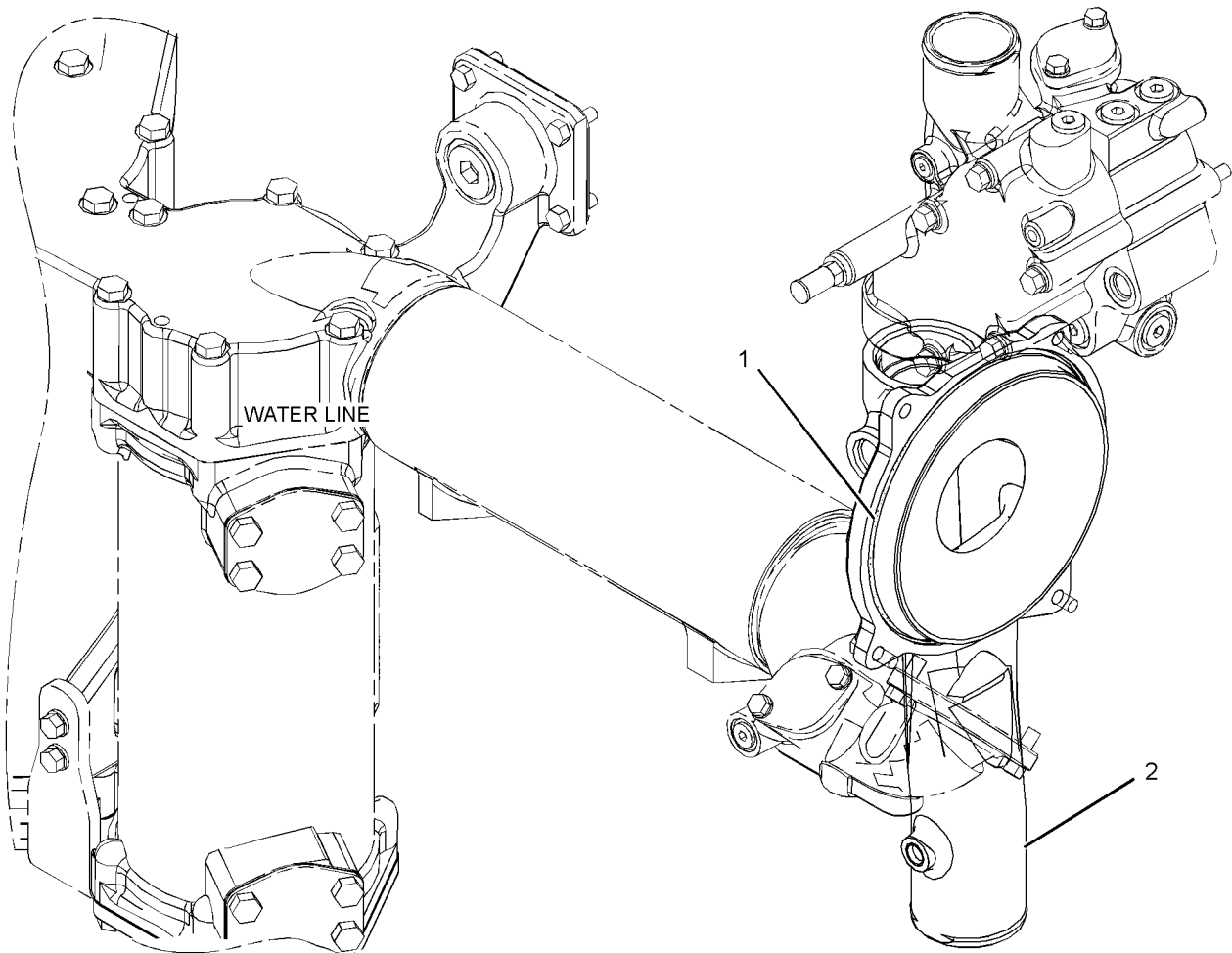
S/N: TXL1-UP; L4X1-UP

PART OF 342-6157 LINES GP-WATER

SMCS-1361

i03880110

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	197-8006	1	SEAL-O-RING						
	2	1	341-4177	1	COVER-WATER PUMP						



g02168734

COOLING SYSTEM

291-8714 ENCLOSURE GP-RADIATOR

S/N: T4R1-UP

PART OF 291-8689 INSTALLATION AR-MACHINE

SMCS-7272

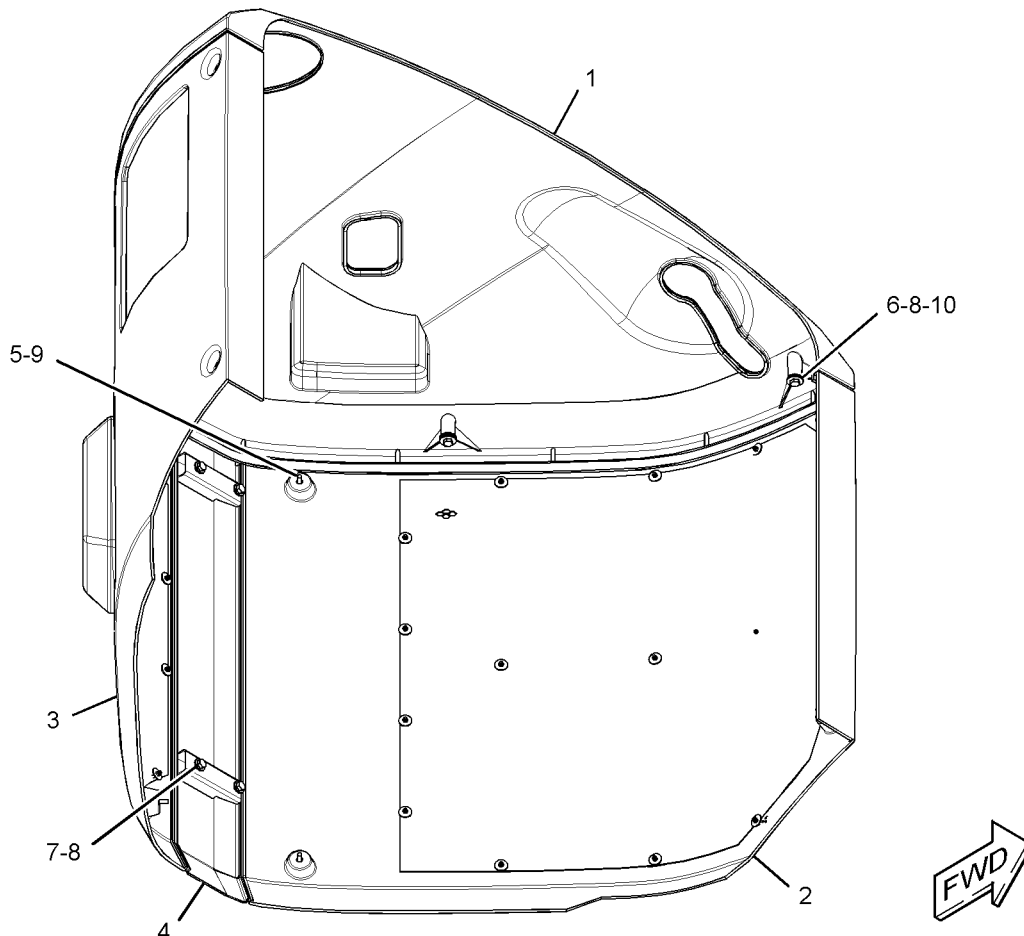
i04171610

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	345-4128	1	COVER AS-TOP	
	2	1	345-4129	1	COVER GP-RADIATOR (LH)	
M		1	3T-0851	16	LOCKNUT (M5X0.8-THD)	
		1	089-7960	16	WASHER (5.3X25X1.6-MM THK)	
		1	345-4130	1	PANEL AS	
		1	345-4136	1	GRILL	
Y	3	1	345-4131	1	GUARD GP-RADIATOR (RH)	484
	4	1	352-0942	1	PLATE AS	
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)	
	5	1	5P-4116	8	WASHER-HARD (8.8X20.5X2-MM THK)	
B	6	1	7X-0578	6	WASHER-HARD (10.2X32X2.5-MM THK)	
	7	1	7X-7729	4	WASHER (11X25X3-MM THK)	
M	8	1	8T-4136	9	BOLT (M10X1.5X25-MM)	
M	9	1	8T-4908	8	BOLT (M8X1.25X25-MM)	
B	10	1	8T-4165	5	PLATE-INSTRUCTION	

B-USE AS REQUIRED

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02379378

COOLING SYSTEM

341-6360 FAN GP

S/N: T4R1-UP

8-BLADE

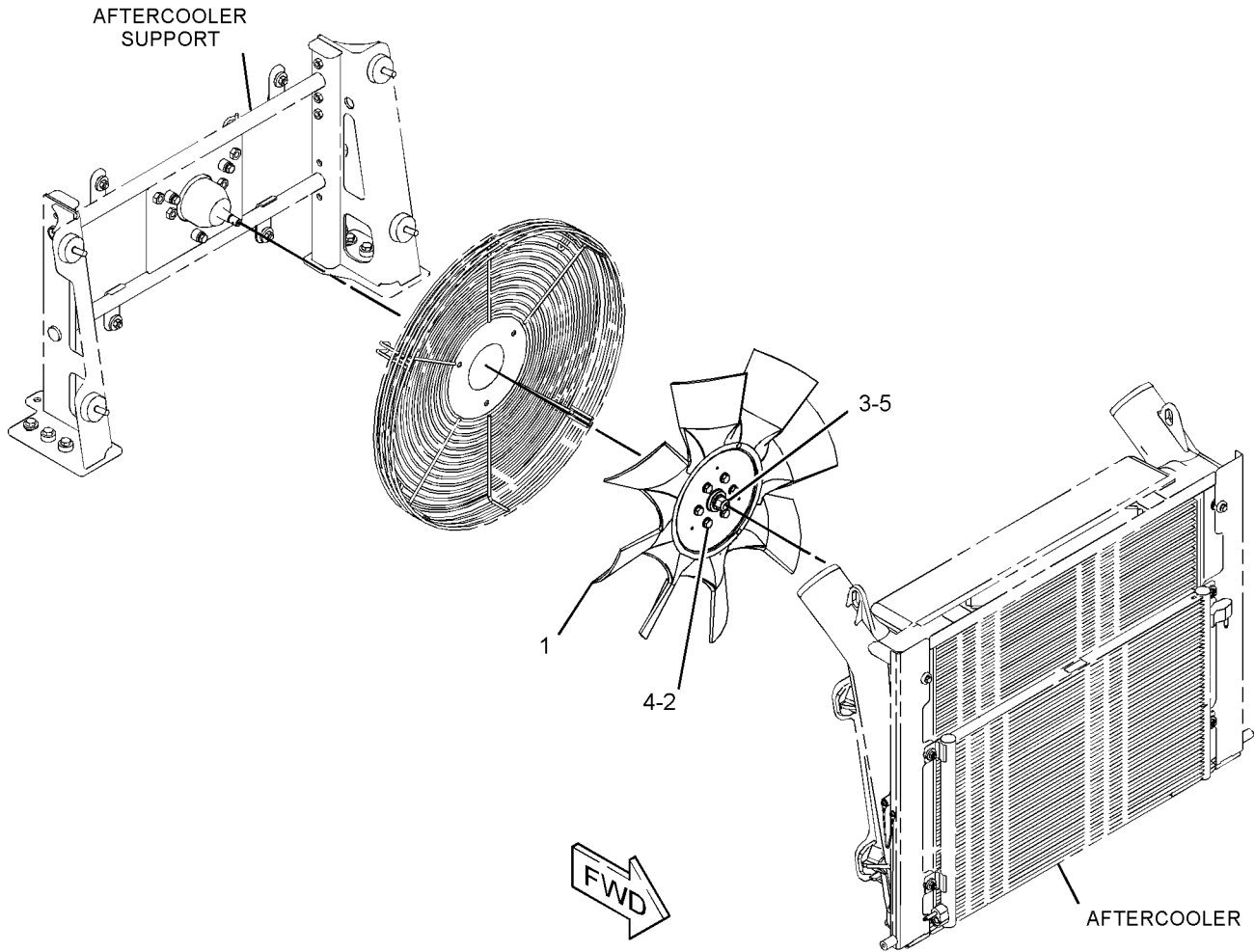
PART OF 291-8896 AFTERCOOLER GP-AIR

SMCS-1356

i04177171

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	336-7981	1	SPIDER AS-FAN (8-BLADE)						
M	2	1	8T-4136	6	BOLT (M10X1.5X25-MM)						
	3	1	2K-4821	1	LOCKNUT (5/8-18-THD)						
	4	1	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)						
	5	1	8T-4122	1	WASHER-HARD (17X32X3.5-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g02391437

COOLING SYSTEM

291-9044 FAN GP-SUCTION

S/N: T4R1-UP

11-BLADE

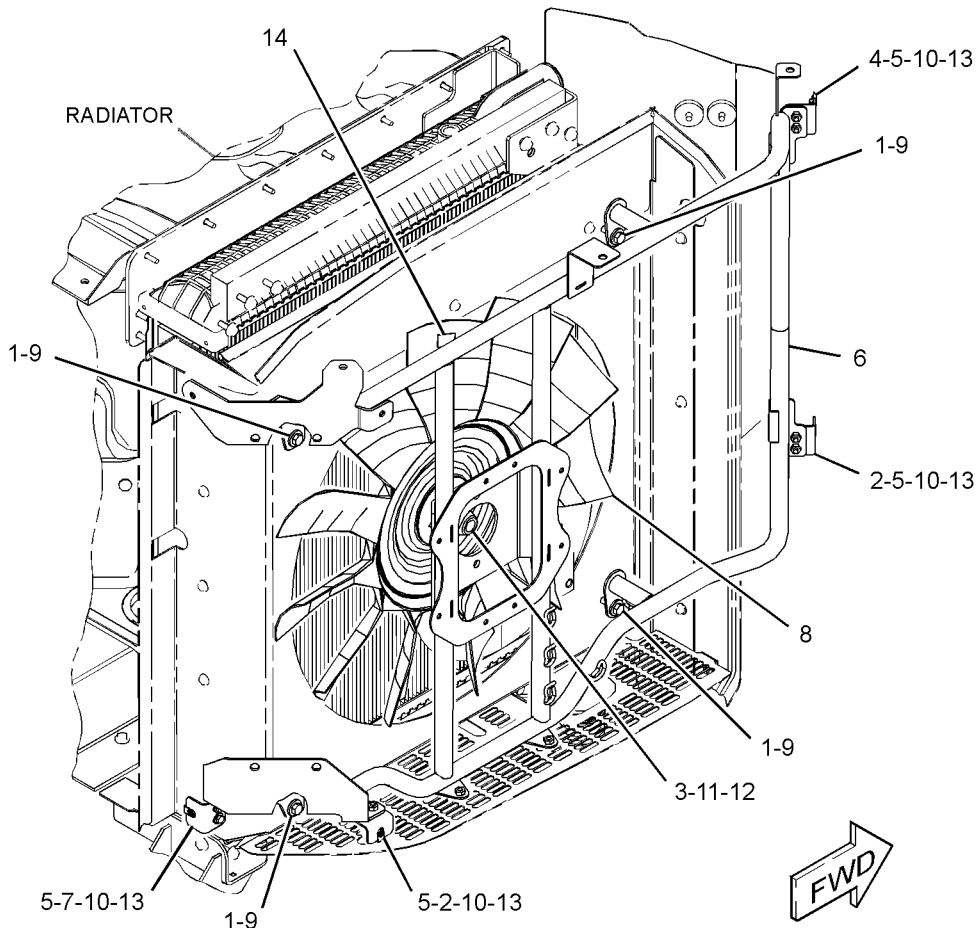
PART OF 332-3066 RADIATOR AR

SMCS-1356

i04177117

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	8T-4956	4	BOLT (M12X1.75X35-MM)						
	2	1	341-8597	2	BRACKET						
	3	1	348-2830	1	BOSS-MOUNTING						
	4	1	348-3058	1	BRACKET						
	5	1	352-9305	4	NUT-SPRING						
	6	1	362-4569	1	SUPPORT AS						
		1	7T-1099	5	LINK						
M		1	8T-3612	12	NUT-WELD (M8X1.25-THD)						
M		1	159-9539	8	NUT-WELD (M6X1-THD)						
	7	1	362-4588	1	BRACKET						
	8	1	362-4591	1	SPIDER AS-FAN (11-BLADE)						
	9	1	5P-1076	4	WASHER-HARD (13.5X30X4-MM THK)						
	10	1	5P-4116	8	WASHER-HARD (8.8X20.5X2-MM THK)						
	11	1	7X-7729	6	WASHER (11X25X3-MM THK)						
M	12	1	8T-4136	6	BOLT (M10X1.5X25-MM)						
M	13	1	8T-4189	8	BOLT (M8X1.25X20-MM)						
B	14	1	1U-6605		TAPE-REFLECTIVE						

B-USE AS REQUIRED
M-METRIC PART



GRAPHIC #1

<END>

g02395856

COOLING SYSTEM

342-6156 HOUSING & REGULATOR GP

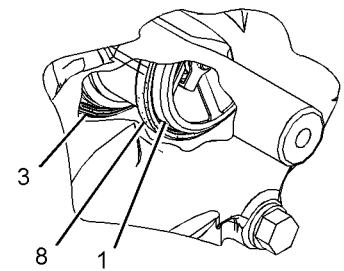
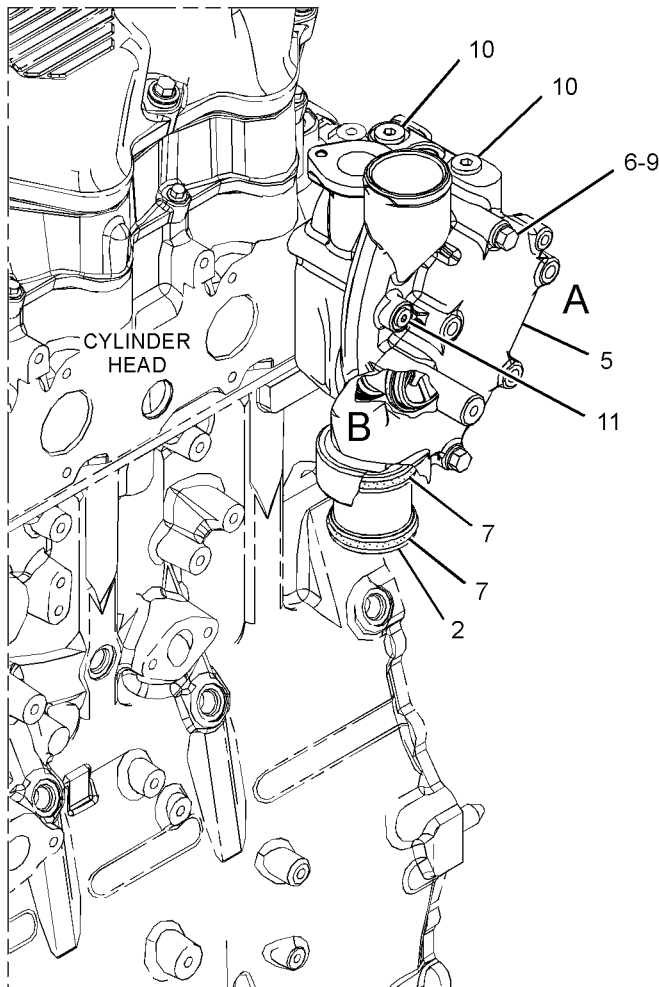
S/N: TXL1-UP; L4X1-UP

PART OF 342-6157 LINES GP-WATER

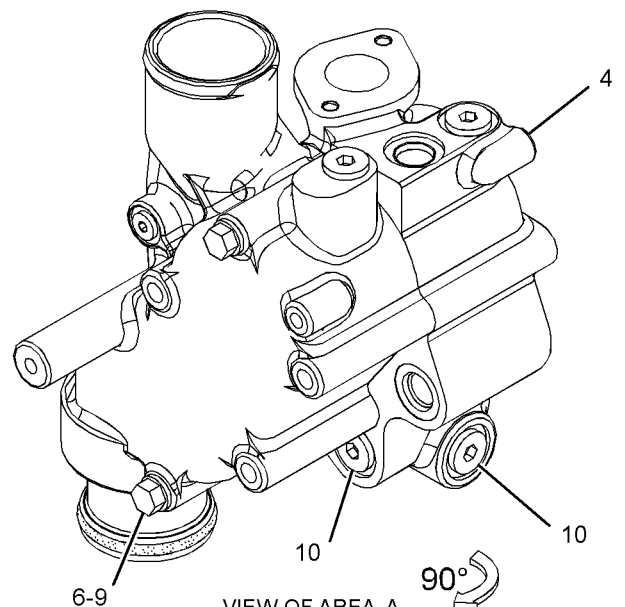
SMCS-1355, 1393

i04240214

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	367-7900	2	REGULATOR-WATER TEMPERATURE (92-DEG C)	
	2	1	329-1958	1	TUBE-WATER	
	3	1	341-1429	1	SEAL	
	4	1	343-8741	1	MANIFOLD-HOUSING	
	5	1	343-8742	1	HOUSING-REGULATOR	
	6	1	0S-1608	2	BOLT (3/8-16X3.75-IN)	
	7	1	2N-0475	2	SEAL-O-RING	
	8	1	3S-9643	2	SEAL-LIP TYPE	
	9	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	10	1	353-5126	4	PLUG AS	
					(EACH INCLUDES)	
		1	6V-6609	1	SEAL-O-RING	
		1	9S-8005	1	PLUG-O-RING	
11		1	304-8008	1	PLUG AS	
		1	6V-9027	1	SEAL-O-RING	
		1	9S-8002	1	PLUG-O-RING	



VIEW OF AREA B



VIEW OF AREA A

GRAPHIC #1

<END>

g02403076

COOLING SYSTEM

291-8922 LINES GP-COOLANT

S/N: T4R1-UP

PART OF 291-8722 POWER TRAIN AR

SMCS-1380

i04173569

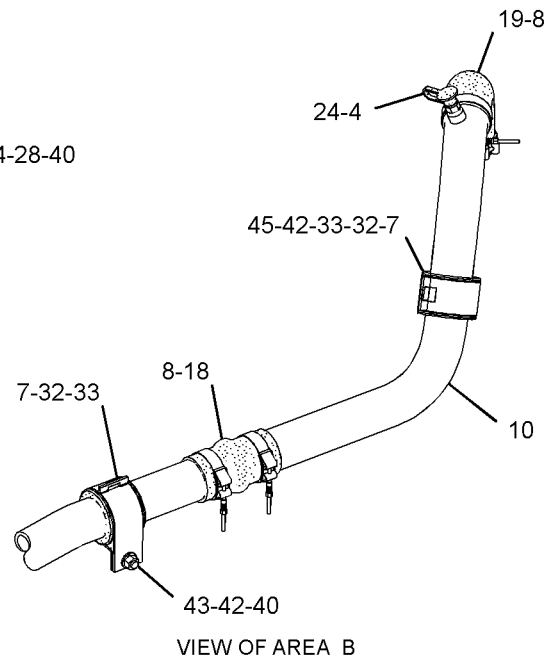
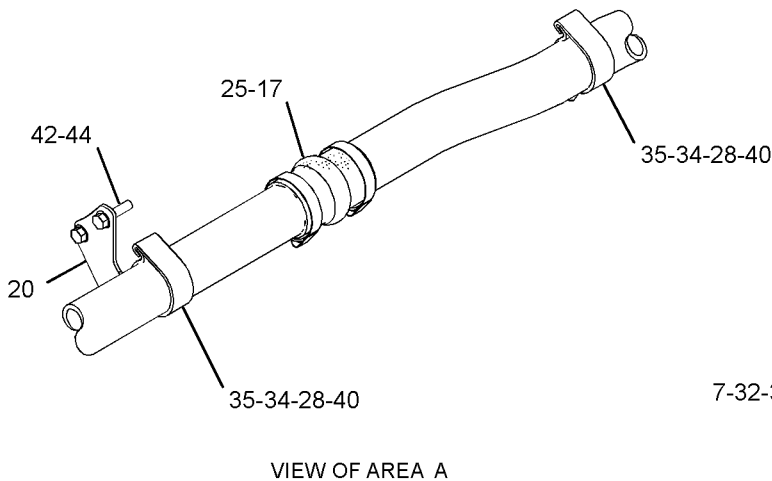
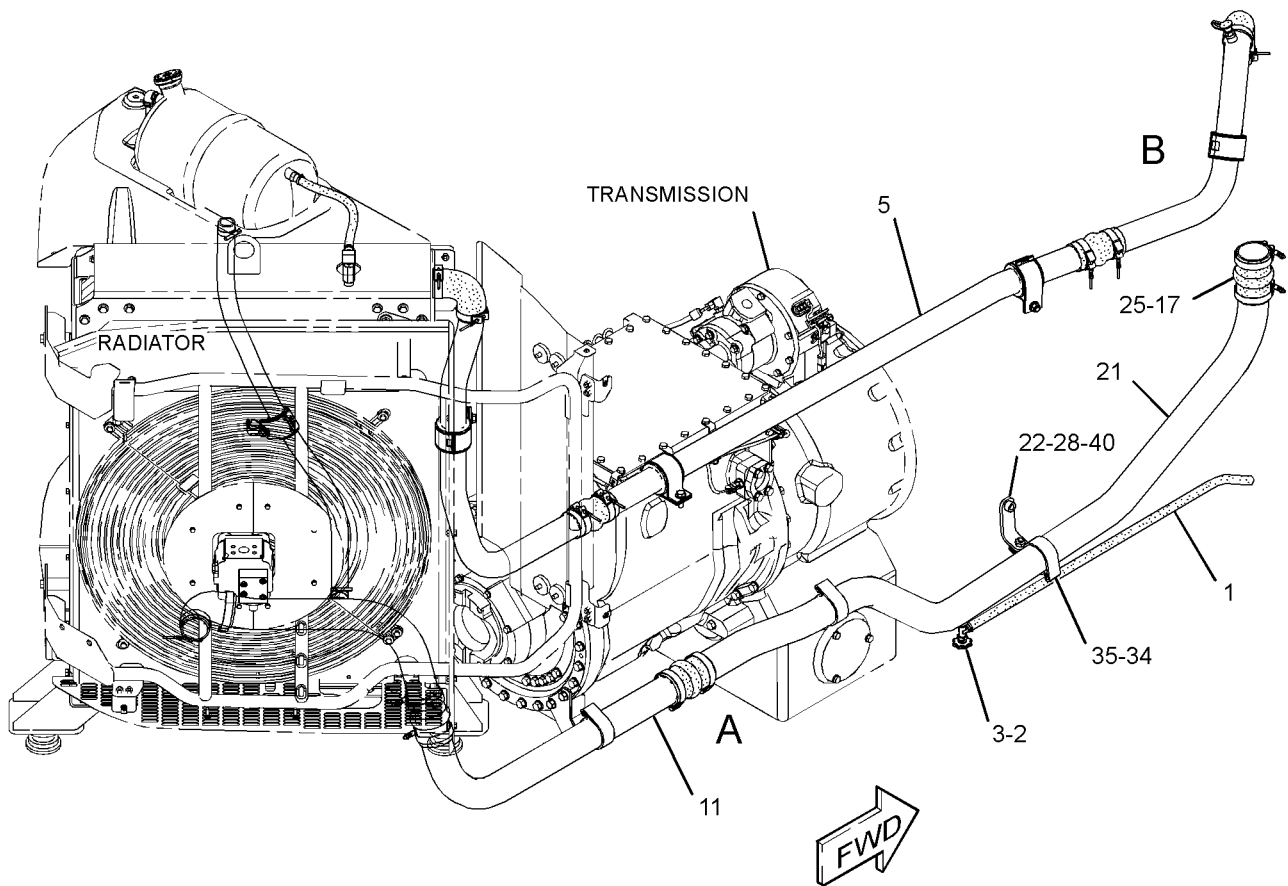
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
D	1	1	4U-7962		HOSE-HEATER (1-M)	
	2	1, 2	8T-0154	3	CLAMP-HOSE	
	3	1	005-7889	1	VALVE AS-DRAIN (ENGINE COOLANT)	
	4	1	157-0670	1	CAP-DUST	
	5	1	185-6925	1	TUBE	
E	6	2	9X-2133		HOSE (40-CM)	
	7	1, 2	193-2120	4	GROMMET	
	8	1, 2	208-6054	9	CLAMP	
	9	2	228-6978	2	CLAMP	
	10	1	259-6590	1	TUBE AS	
	11	1	334-1478	1	TUBE	
	12	2	334-1480	1	TUBE	
	13	2	334-1484	1	TUBE AS	
	14	2	339-9660	1	ELBOW	
	15	2	339-9661	1	ELBOW	
	16	2	5P-1253		HOSE (115-CM)	
	17	1, 2	342-6298	3	HOSE	
	18	1, 2	342-6299	2	HOSE	
	19	1	342-8060	1	ELBOW	
	20	1	351-8586	1	BRACKET	
M	21	1	360-2752	1	TUBE AS	
	22	1	365-3306	1	BRACKET AS	
		1	8T-3597	1	NUT-WELD (M12X1.75-THD)	
		1	213-6754	1	BOSS	
	23	2	150-3026	1	ELBOW AS	
		2	3K-0360	1	SEAL-O-RING	
		2	6V-4292	1	ELBOW	
	24	1	154-9024	1	VALVE GP-FLUID SAMPLING (ENGINE COOLANT)	
	25	1, 2	209-4579	7	CLAMP	
	26	2	273-5156	1	ADAPTER	
	27	2	2M-9780	1	SEAL-O-RING	
	28	1	5P-1076	4	WASHER-HARD (13.5X30X4-MM THK)	
	29	2	5P-7468	1	CLIP (SLOT)	
	30	2	5P-7469	1	CLIP (TAB)	
	31	2	6V-0545	1	GROMMET	
	32	1, 2	6V-1867	4	CLIP (SLOT)	
	33	1, 2	6V-1868	4	CLIP (TAB)	
	34	1	6V-5039	3	CLIP (SLOT)	
	35	1	6V-5040	3	CLIP (TAB)	
	36	2	8T-1889	1	CLIP (SLOT)	
	37	2	8T-1890	1	CLIP (TAB)	
	38	2	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)	
	M	39	8T-4133	1	NUT (M10X1.5-THD)	
	M	40	8T-4183	4	BOLT (M12X1.75X40-MM)	
	M	41	8T-4196	1	BOLT (M10X1.5X35-MM)	
	42	1, 2	8T-4223	7	WASHER-HARD (13.5X25.5X3-MM THK)	
	M	43	8T-4244	2	NUT (M12X1.75-THD)	
	44	1	8T-4835	2	BOLT (1/2-13X2-IN)	
	M	45	8T-4956	3	BOLT (M12X1.75X35-MM)	

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

COOLING SYSTEM

291-8922 LINES GP-COOLANT (contd.)

i04173569



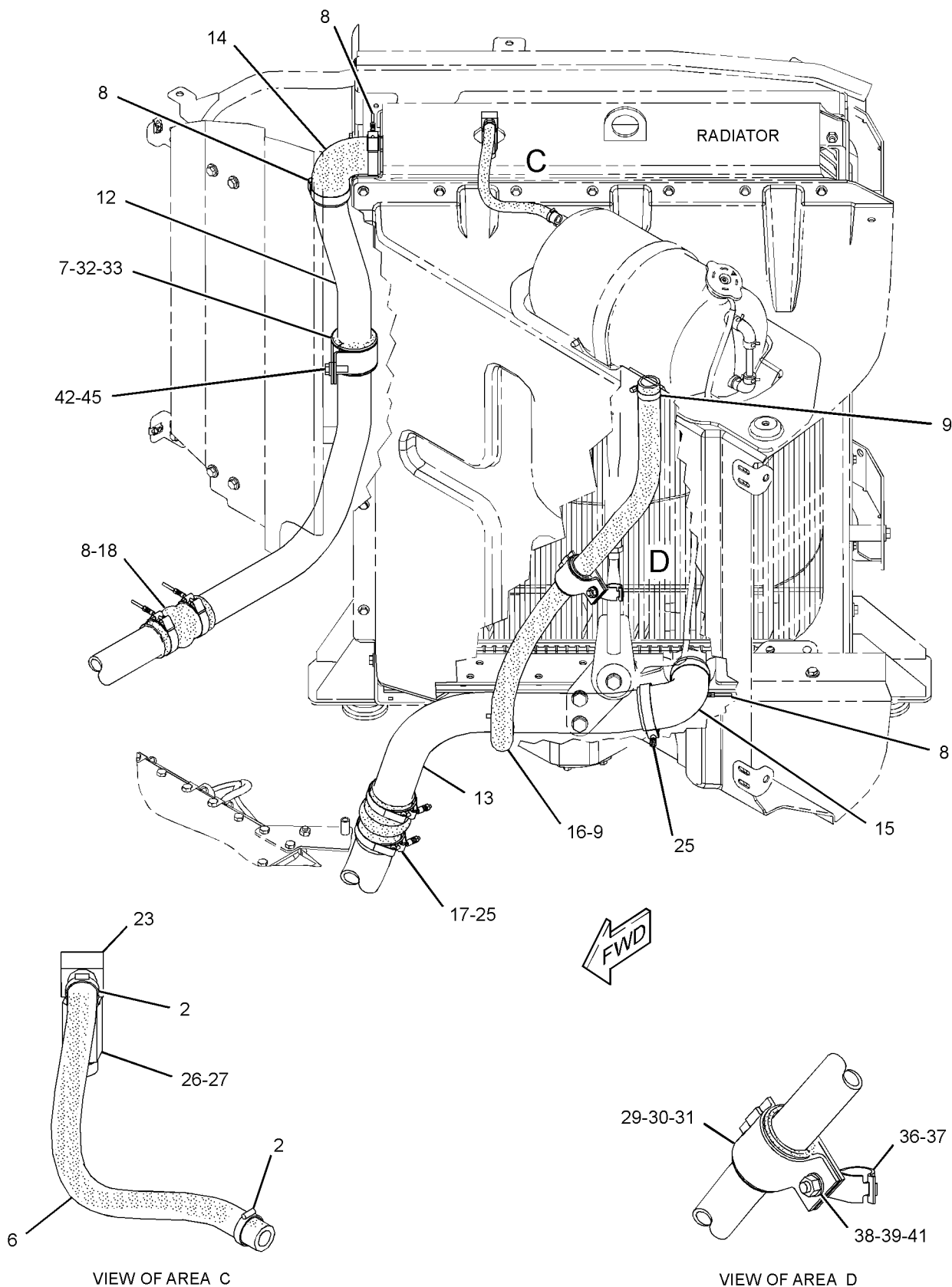
GRAPHIC #1

g02419565

COOLING SYSTEM

291-8922 LINES GP-COOLANT (contd.)

i04173569



GRAPHIC #2

<END>

g02422977

COOLING SYSTEM

342-6157 LINES GP-WATER

S/N: TXL1-UP; L4X1-UP

PART OF 365-3722 ENGINE AR-COMPLETE

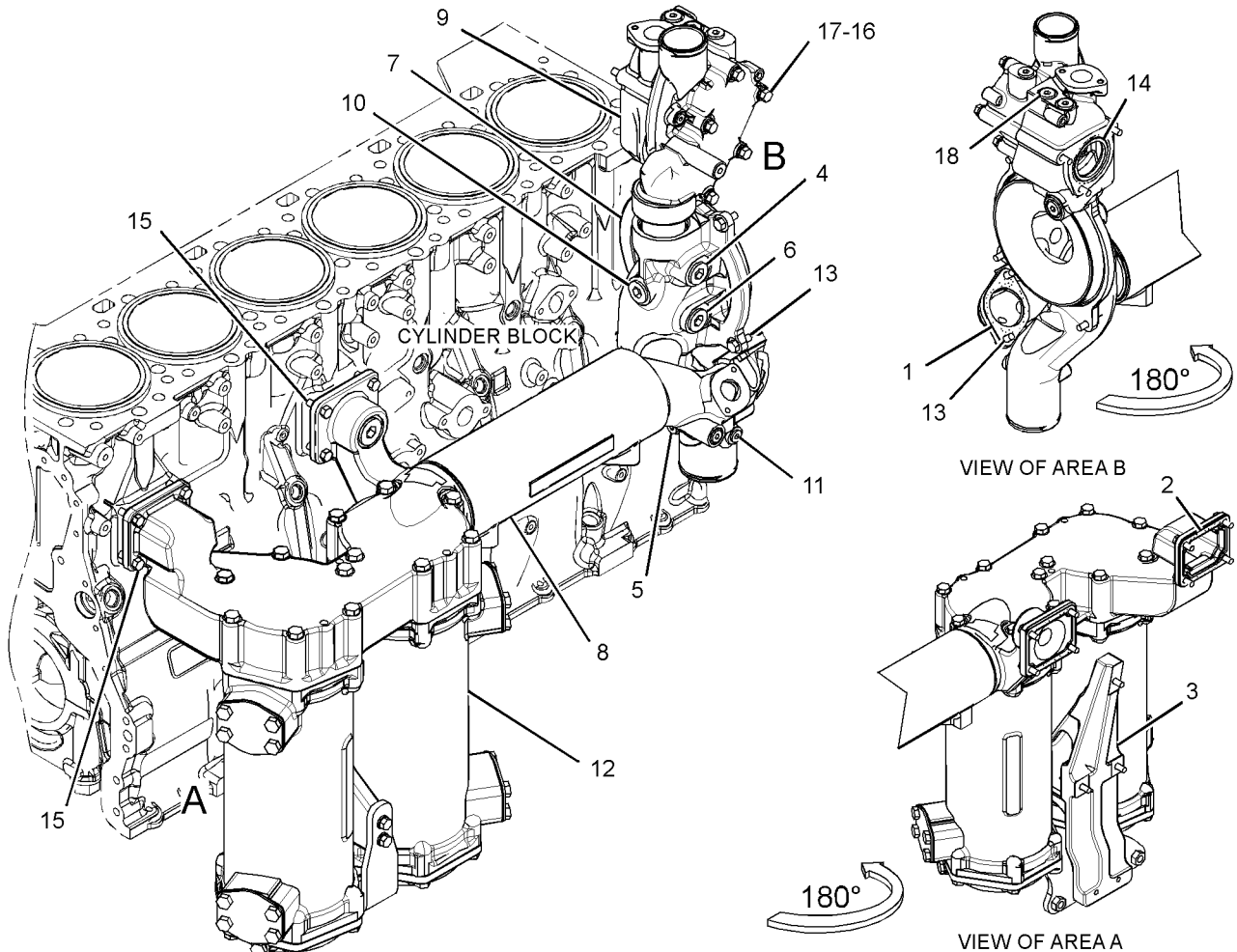
FOR USE WITH C15 735/740 AT C15 TIER 1V INTERIM ENGINES. CANNOT BE USED WITH ANY OTHER APPLICATIONS

SMCS-1380

i04261752

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	125-0434	1	SEAL-INTEGRAL	
	2	1	126-4935	2	SEAL-INTEGRAL	
Y	3	1	343-8863	1	MOUNTING GP-XMSN OIL COOLER	413
Y	4	1	339-2667	1	PLUG GP-WATER LINES	107
Y	5	1	339-2668	1	PLUG GP-WATER LINES	108
Y	6	1	339-3212	1	PLUG GP-WATER LINES	109
Y	7	1	341-4960	1	COVER GP-WATER PUMP	95
Y	8	1	342-6153	1	COOLER GP-ENGINE OIL	94
Y	9	1	342-6156	1	HOUSING & REGULATOR GP	99
Y	10	1	342-6208	1	PLUG GP-WATER LINES	111
Y	11	1	345-9949	1	PLUG GP-WATER LINES	113
Y	12	1	352-2732	1	COOLER GP-BRAKE & TORQUE CONV	372
	13	1	0S-1594	6	BOLT (3/8-16X1-IN)	
	14	1	167-4407	1	SEAL-O-RING	
	15	1	1A-2029	8	BOLT (3/8-16X1.125-IN)	
	16	1	5M-2894	3	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	17	1	9F-8999	3	BOLT (3/8-16X7-IN)	
Y	18	1	351-8496	1	PLUG GP-WATER LINES	114

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

q02427557

COOLING SYSTEM

350-3121 LINES GP-WATER

S/N: TXL1-UP; L4X1-UP

PART OF 365-3722 ENGINE AR-COMPLETE

FOR USE WITH C18 TIER 1V INTERIM TWIN TURBO ENGINES

SMCS-1380

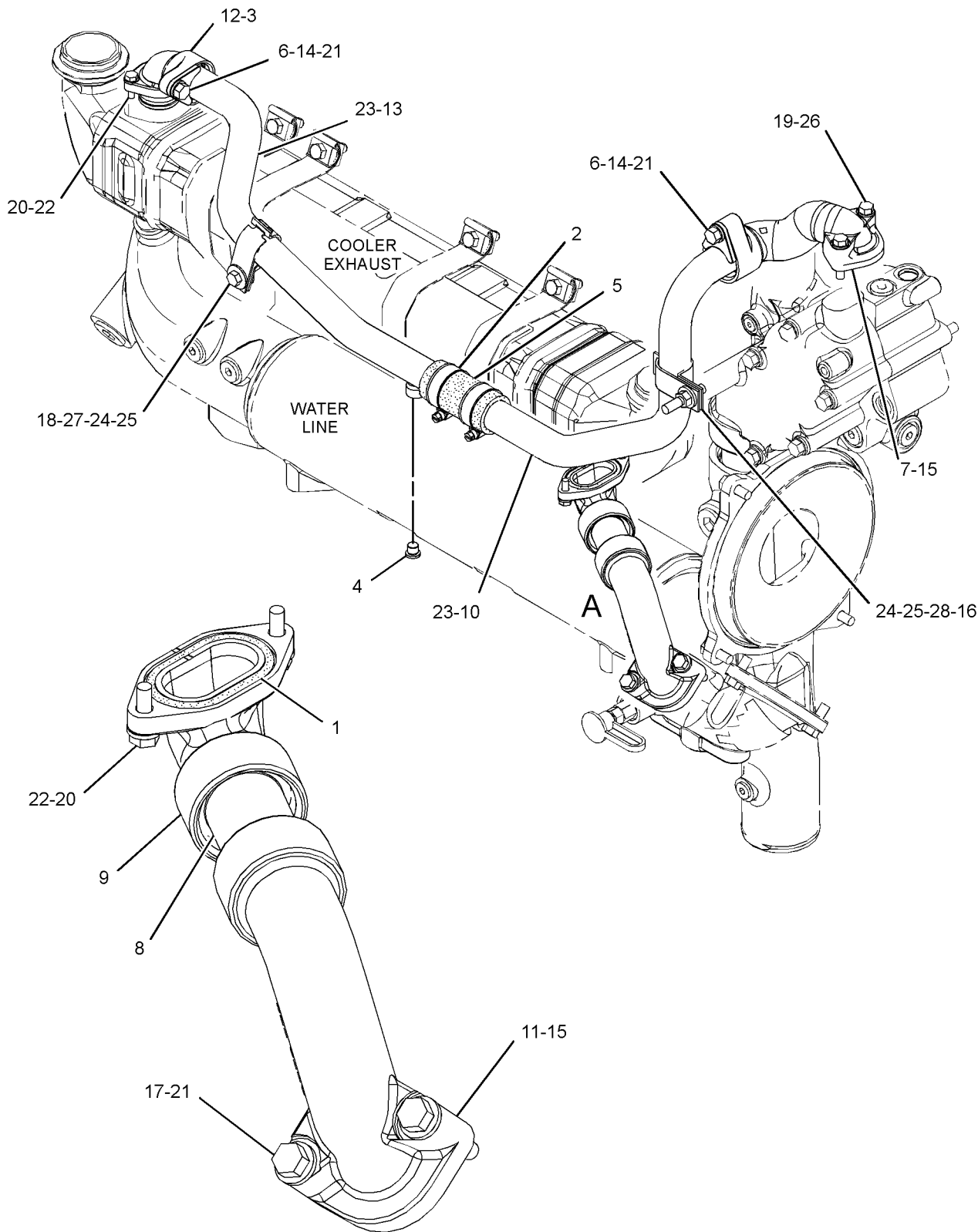
i04223633

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	8T-9588	1	SEAL-O-RING	
	2	1	280-8911	2	CLAMP-BAND	
	3	1	291-8208	1	SEAL-O-RING	
	4	1	304-8008	1	PLUG AS	
		1	6V-9027	1	SEAL-O-RING	
		1	9S-8002	1	PLUG-O-RING	
	5	1	368-4585	1	HOSE	
	6	1	338-1556	2	RETAINER	
	7	1	344-1816	1	ELBOW	
	8	1	349-8402	1	TUBE	
	9	1	350-1563	1	ELBOW	
	10	1	361-1287	1	TUBE-RETURN	
	11	1	355-9558	1	ELBOW	
	12	1	361-1285	1	ELBOW	
	13	1	361-1286	1	TUBE AS	
	14	1	0S-0509	2	BOLT (3/8-16X0.75-IN)	
	15	1	118-7214	2	SEAL-O-RING	
	16	1	174-4883	1	STUD	
	17	1	1B-9575	2	BOLT (5/16-18X1.56-IN)	
	18	1	4B-3388	1	BOLT (5/16-18X1.125-IN)	
	19	1	1H-5514	2	BOLT (5/16-18X1.625-IN)	
	20	1	4F-7957	2	BOLT (1/4-20X0.875-IN)	
	21	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	22	1	5P-0537	4	WASHER-HARD (7.2X14.5X2-MM THK)	
	23	1	7L-6580	2	SEAL-O-RING	
	24	1	8S-0023	2	CLIP (SLOT)	
	25	1	8S-0024	2	CLIP (TAB)	
	26	1	9M-1974	2	WASHER-HARD (8.8X16X2-MM THK)	
	27	1	9N-0869	2	WASHER-HARD (8.8X25.5X2-MM THK)	
	28	1	9X-6458	1	WASHER-HARD (10.2X22.5X3-MM THK)	

COOLING SYSTEM

350-3121 LINES GP-WATER (contd.)

i04223633



VIEW OF AREA A

GRAPHIC #1

<END>

g02423236

COOLING SYSTEM

291-9047 MOTOR & MTG GP-HYDRAULIC FAN

S/N: T4R1-UP

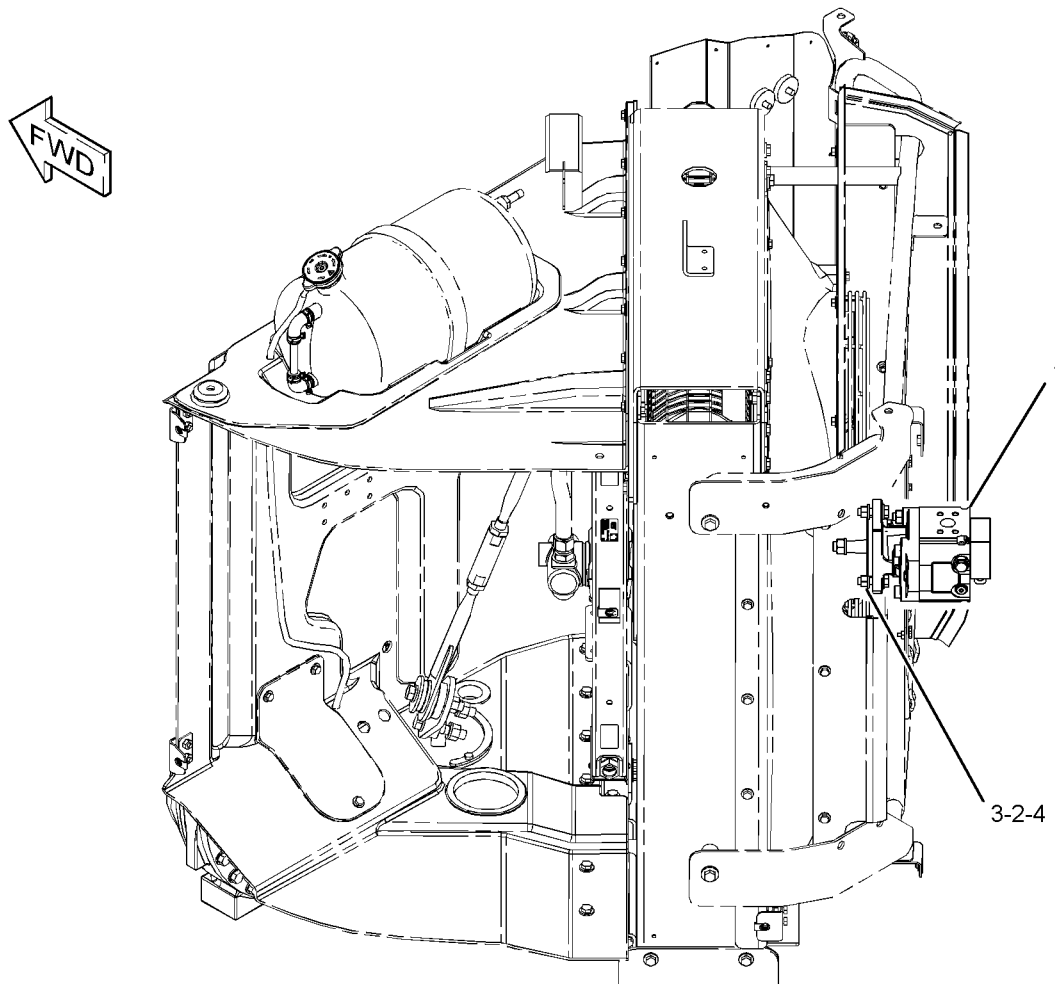
PART OF 332-3066 RADIATOR AR

SMCS-1386

i04278869

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
J	1	1	338-5721	1	MOTOR GP-GEAR (HYDRAULIC FAN)						
M	2	1	8T-4184	2	BOLT (M12X1.75X45-MM)						
	3	1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)						
M	4	1	8T-4244	2	NUT (M12X1.75-THD)						
AVAILABLE REPAIR KIT(S):											
J			350-0149	1	KIT-SEAL (GEAR MOTOR)						
(INCLUDES BACKUP RINGS, RETAINING RING, SHAFT SEALS, SEALS & O-RING SEAL)											

J-KIT MARKED J SERVICES PARTS MARKED J
M-METRIC PART



GRAPHIC #1

<END>

g02372259

COOLING SYSTEM

339-2667 PLUG GP-WATER LINES

S/N: TXL1-UP; L4X1-UP

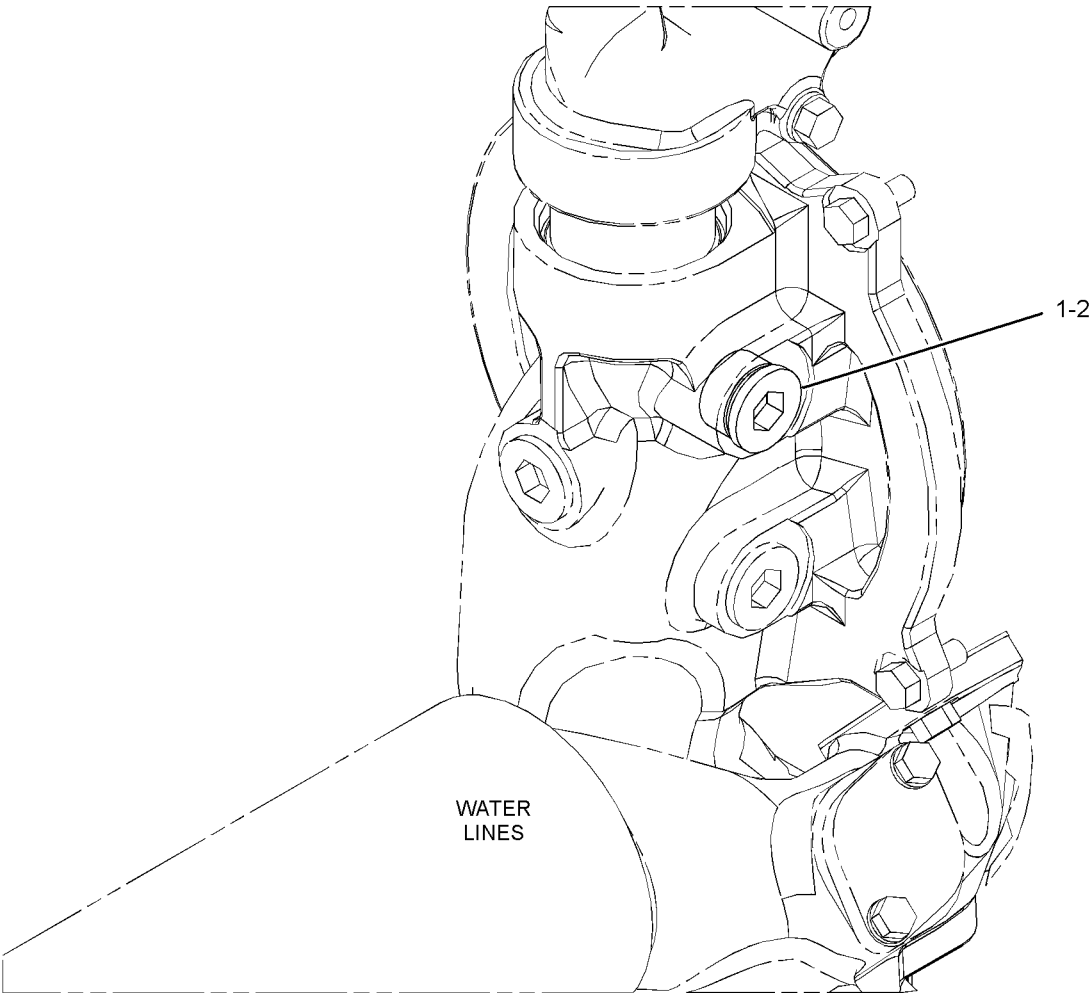
PART OF 342-6157 LINES GP-WATER

FOR USE WITH C15/C18 WATER LINES GROUP. CANNOT BE USED WITH REAR SAMPLING
PORT

SMCS-1380

i03821251

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	6V-5063	1	SEAL-O-RING	
	2	1	9S-8008	1	PLUG-O-RING	



GRAPHIC #1

<END>

g02088998

COOLING SYSTEM

339-2668 PLUG GP-WATER LINES

S/N: TXL1-UP; L4X1-UP

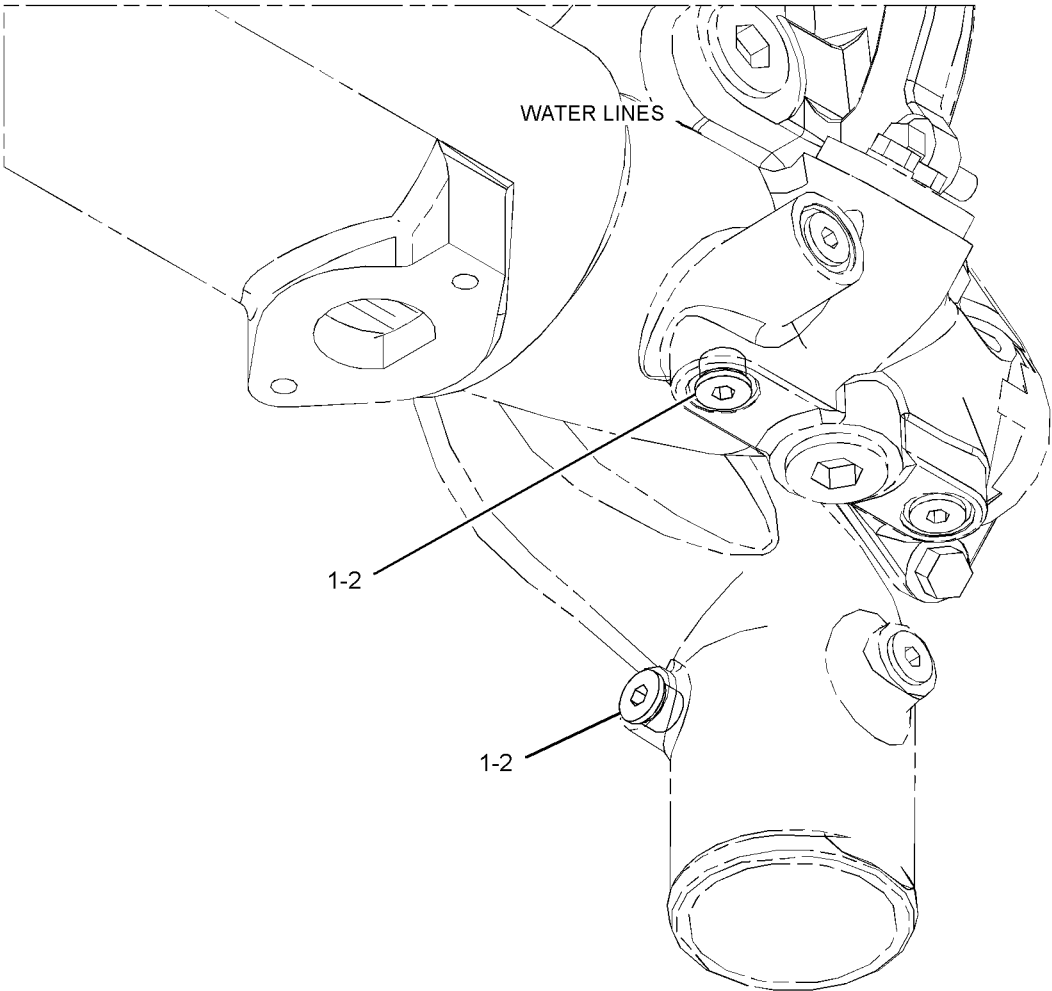
PART OF 342-6157 LINES GP-WATER

FOR USE WITH C15/C18 WATER LINES GROUP. CANNOT BE USED WITH COOLANT
CONDITIONER

SMCS-1380

i03821254

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6V-3250	2	SEAL-O-RING						
	2	1	9S-8004	2	PLUG-O-RING						



GRAPHIC #1

<END>

g02088858

COOLING SYSTEM

339-3212 PLUG GP-WATER LINES

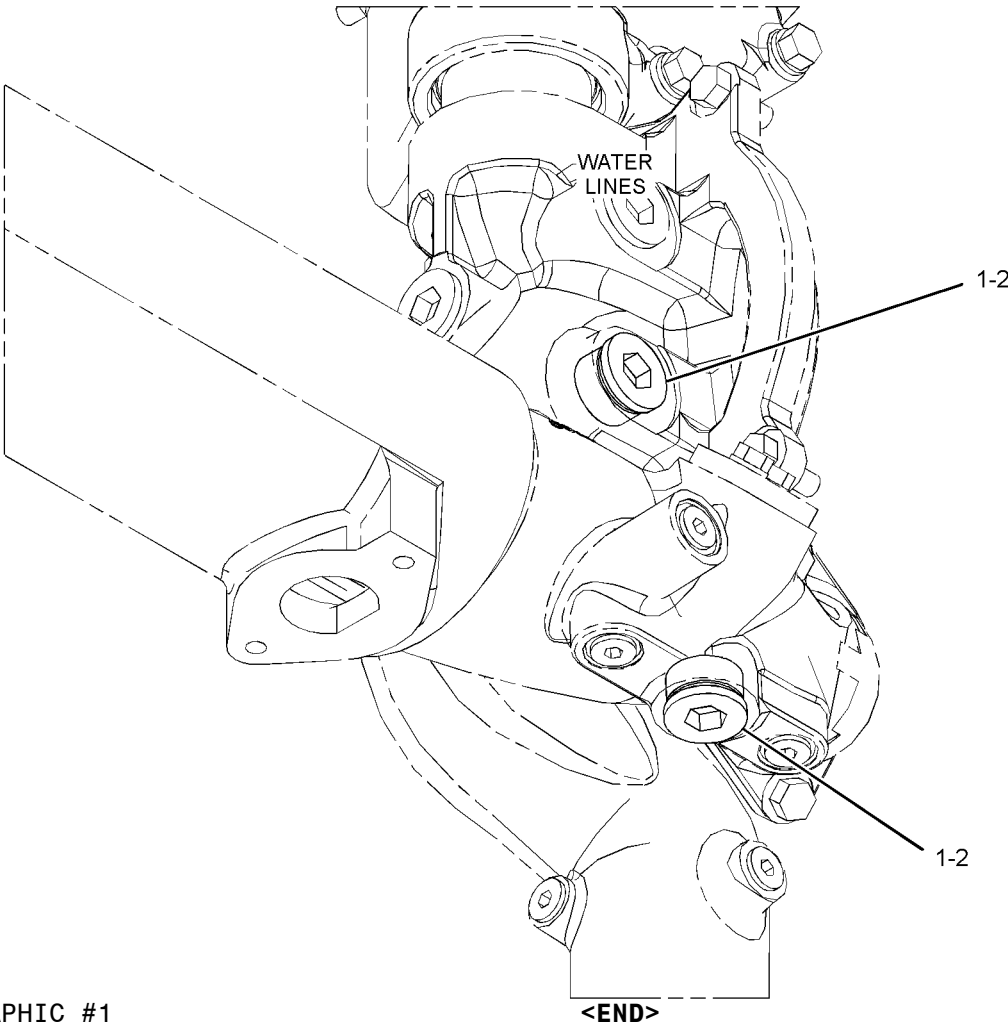
S/N: TXL1-UP

PART OF 342-6157 LINES GP-WATER

SMCS-1380

i03821255

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6V-5063	2	SEAL-O-RING						
	2	1	9S-8008	2	PLUG-O-RING						



GRAPHIC #1

g02089014

COOLING SYSTEM

339-3212 PLUG GP-WATER LINES

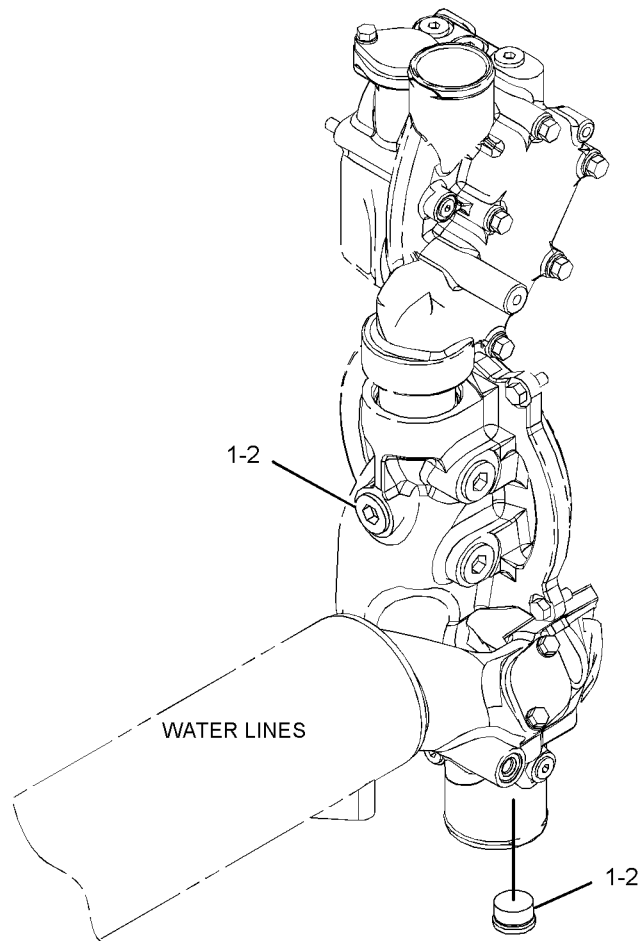
S/N: L4X1-UP

PART OF 342-6157 LINES GP-WATER

SMCS-1380

i03827389

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6V-5063	2	SEAL-O-RING						
	2	1	9S-8008	2	PLUG-O-RING						



GRAPHIC #1

<END>

g02090840

COOLING SYSTEM

342-6208 PLUG GP-WATER LINES

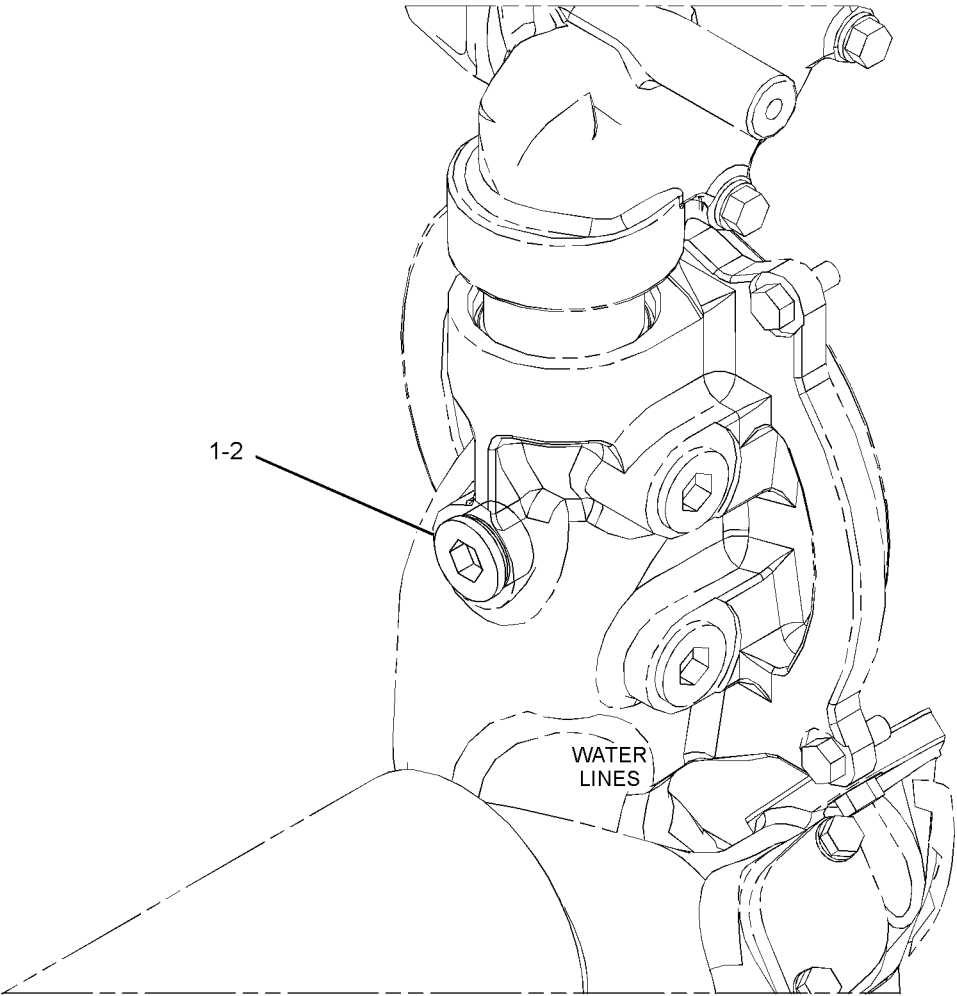
S/N: TXL1-UP

PART OF 342-6157 LINES GP-WATER

SMCS-1380

i03821263

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	6V-5063	1	SEAL-O-RING	
	2	1	9S-8008	1	PLUG-O-RING	



GRAPHIC #1

<END>

g02088878

COOLING SYSTEM

342-6208 PLUG GP-WATER LINES

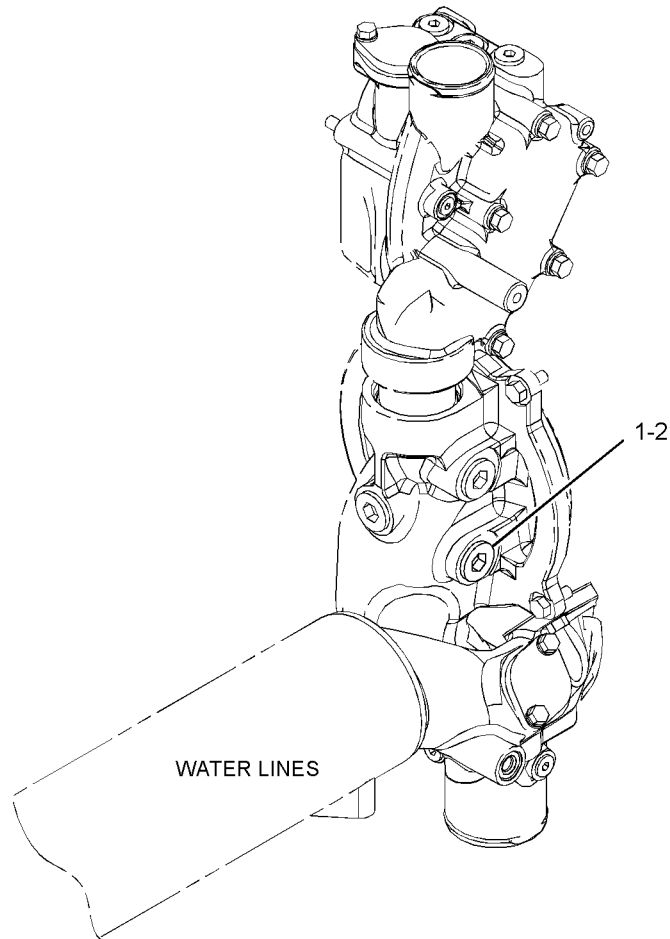
S/N: L4X1-UP

PART OF 342-6157 LINES GP-WATER

SMCS-1380

i03827410

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6V-5063	1	SEAL-O-RING						
	2	1	9S-8008	1	PLUG-O-RING						



GRAPHIC #1

<END>

g02089175

COOLING SYSTEM

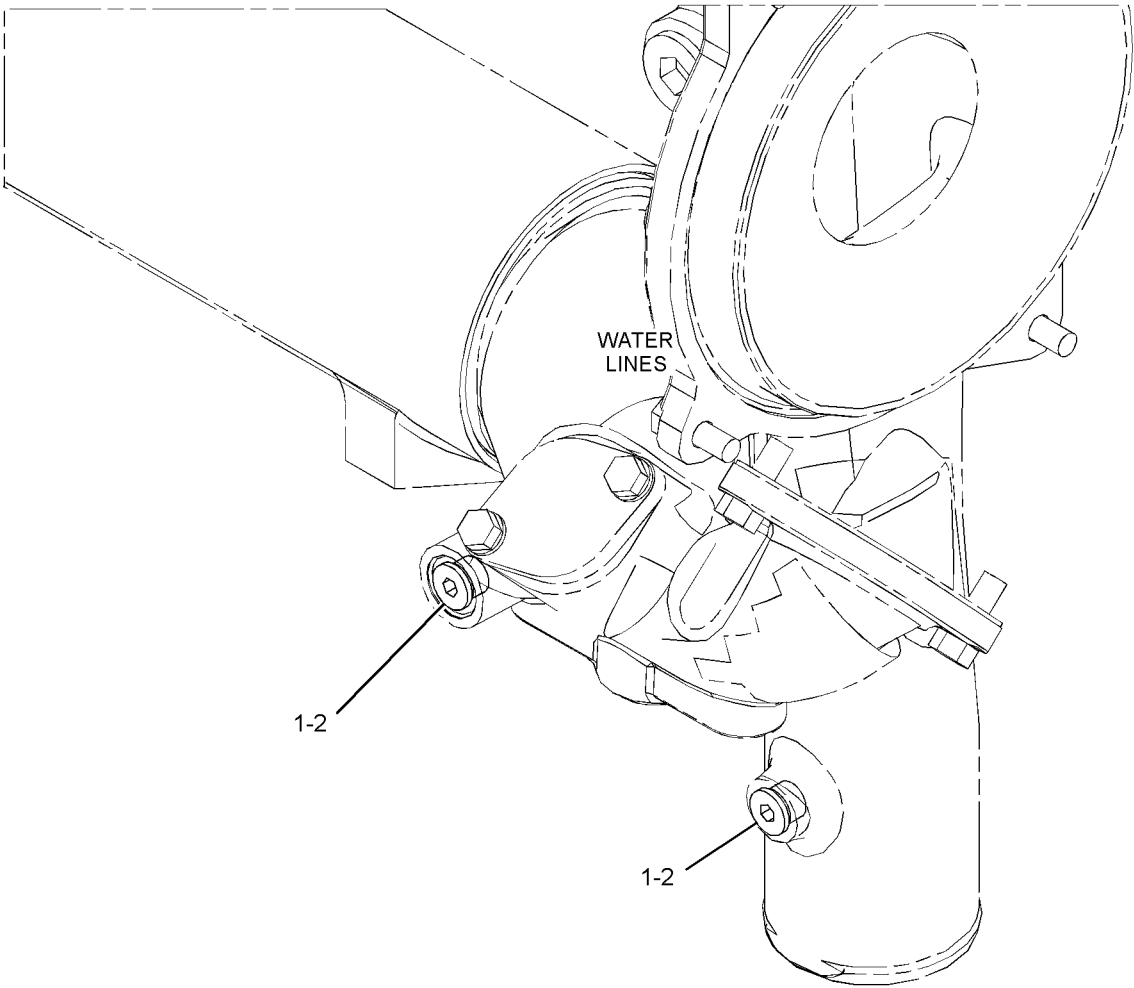
345-9949 PLUG GP-WATER LINES

S/N: TXL1-UP; L4X1-UP
PART OF 342-6157 LINES GP-WATER

SMCS-1380

i03821433

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6V-3250	2	SEAL-O-RING						
	2	1	9S-8004	2	PLUG-O-RING						



GRAPHIC #1

<END>

g02088575

COOLING SYSTEM

351-8496 PLUG GP-WATER LINES

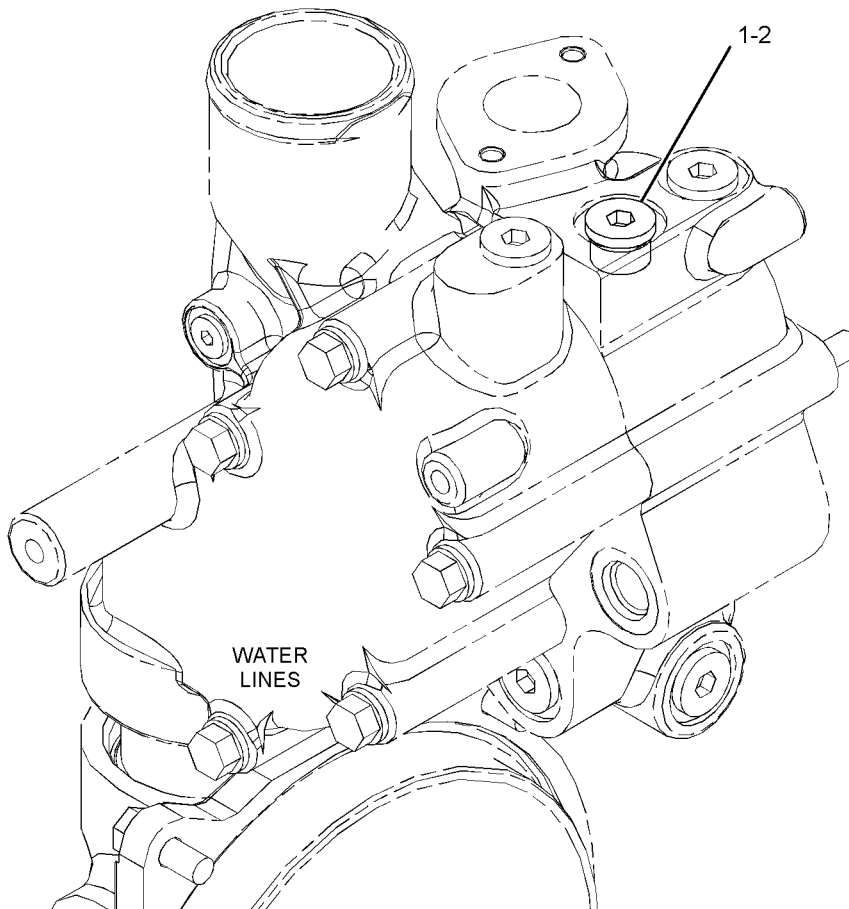
S/N: TXL1-UP; L4X1-UP

PART OF 342-6157 LINES GP-WATER
CANNOT BE USED WITH PRECOOLER GP

SMCS-1380

i03823655

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6V-6609	1	SEAL-O-RING						
	2	1	9S-8005	1	PLUG-O-RING						



GRAPHIC #1

<END>

g02088542

COOLING SYSTEM

343-8955 PUMP GP-WATER

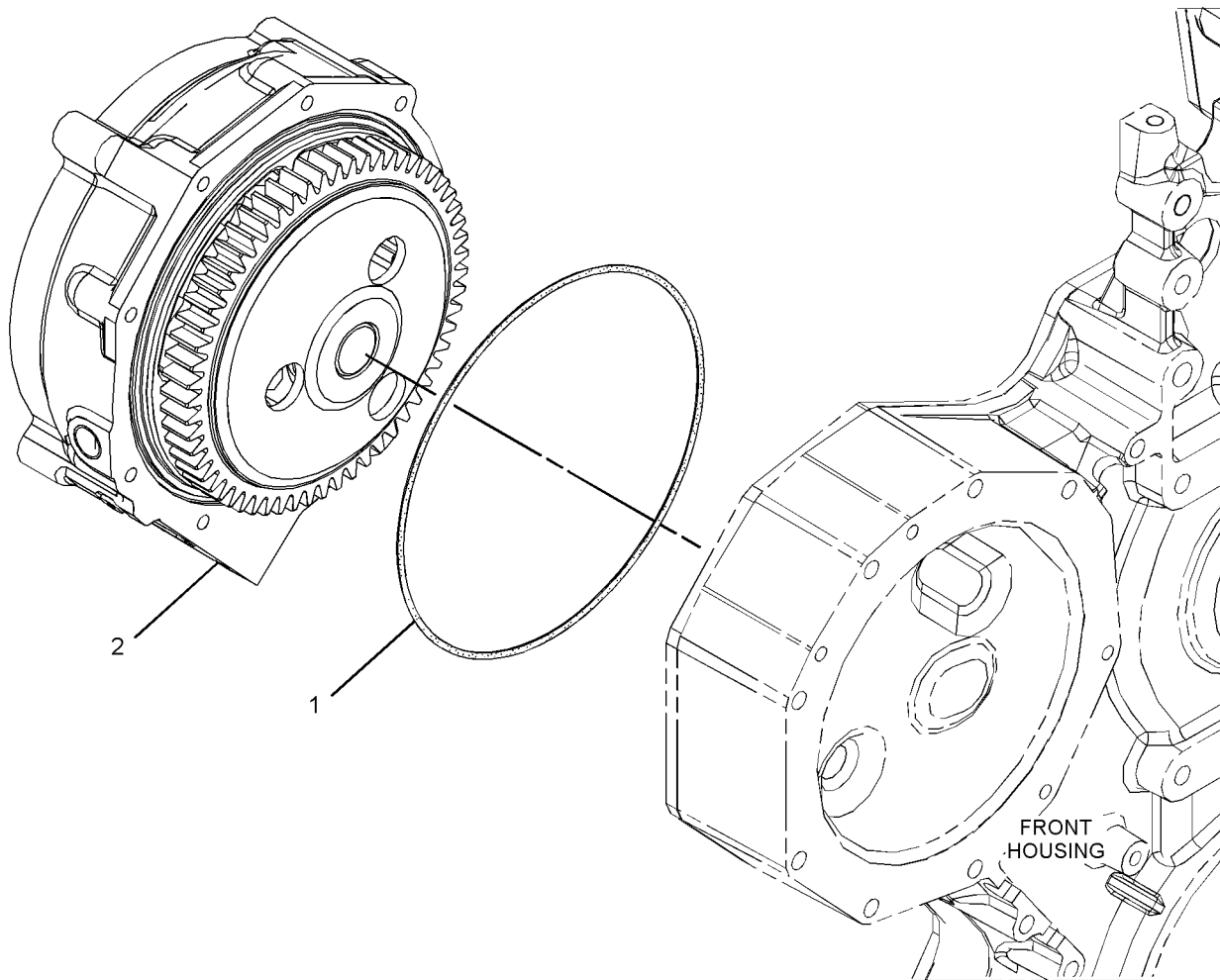
S/N: TXL1-UP; L4X1-UP

PART OF 345-4408 ENGINE AR-CORE

SMCS-1361

i04037067

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	122-3772	1	SEAL-O-RING	
Y	2	1	357-8359	1	PUMP GP-WATER	116
Y-SEPARATE ILLUSTRATION						



GRAPHIC #1

<END>

g02251234

COOLING SYSTEM

357-8359 PUMP GP-WATER

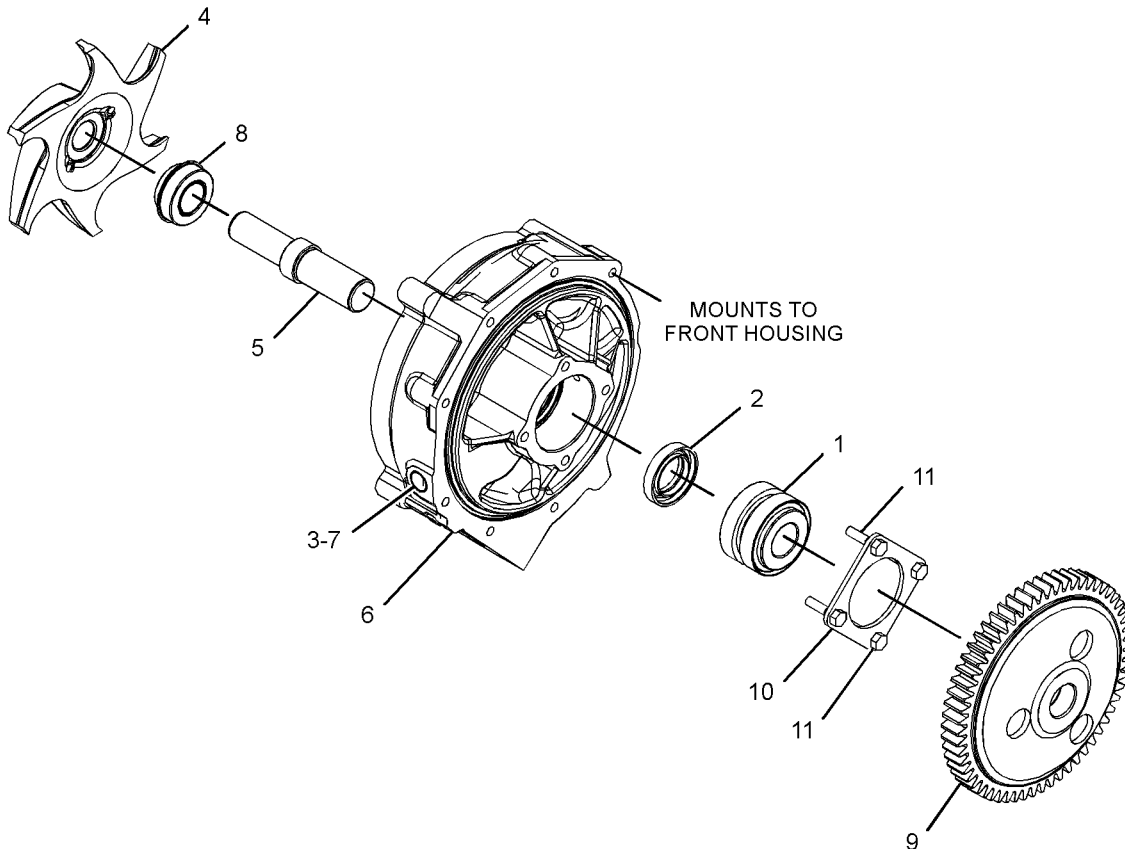
S/N: TXL1-UP; L4X1-UP

PART OF 343-8955 PUMP GP-WATER

SMCS-1361

i04037072

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	108-7930	1	BEARING AS-ROLLER						
	2	1	153-1256	1	SEAL-LIP TYPE						
	3	1	203-3831	1	PLUG-CUP						
	4	1	246-3129	1	IMPELLER-PUMP						
	5	1	246-3130	1	SHAFT-WATER PUMP						
	6	1	303-8698	1	HOUSING AS-PUMP						
		1	6V-5048	1	SEAL-O-RING						
		1	9S-8002	1	PLUG-O-RING						
	7	1	315-6645	1	PLUG-FELT						
	8	1	336-2212	1	SEAL AS-WATER PUMP						
	9	1	352-2002	1	GEAR-WATER PUMP (59-TEETH)						
	10	1	136-1107	1	RETAINER						
	11	1	1B-7182	4	BOLT (5/16-18X1.25-IN)						



GRAPHIC #1

<END>

g02251155

COOLING SYSTEM

332-3066 RADIATOR AR

S/N: T4R1-UP

PART OF 291-8722 POWER TRAIN AR

SMCS-1353

i04282429

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	291-8991	1	RADIATOR GP	119
Y	2	1	291-8995	1	SHROUD GP-RADIATOR	123
Y	3	1	291-9037	1	BAFFLE GP-RADIATOR	460
Y	4	1	291-9038	1	COOLER & MTG GP-HYDRAULIC OIL (OUTPUT TRANSFER GEAR)	607
Y	5	1	291-9040	1	COOLER & MTG GP-HYDRAULIC OIL (FUEL CONTROL)	608
Y	6	1	291-9044	1	FAN GP-SUCTION	98
Y	7	1	291-9047	1	MOTOR & MTG GP-HYDRAULIC FAN	106
Y	8	1	291-9054	1	TANK GP-COOLANT	126
Y	9	1	328-4009	1	COOLER & MTG GP-HYDRAULIC OIL	609
	10	1	350-9391	1	MOUNTING GP-FAN MOTOR (HYDRAULIC)	
M		1	8T-4138	8	BOLT (M6X1X20-MM)	
		1	9X-8256	8	WASHER (6.6X12X2-MM THK)	
		1	348-6952	1	PLATE	
		1	353-2654	1	PLATE AS	
		1	7T-1099	1	LINK	

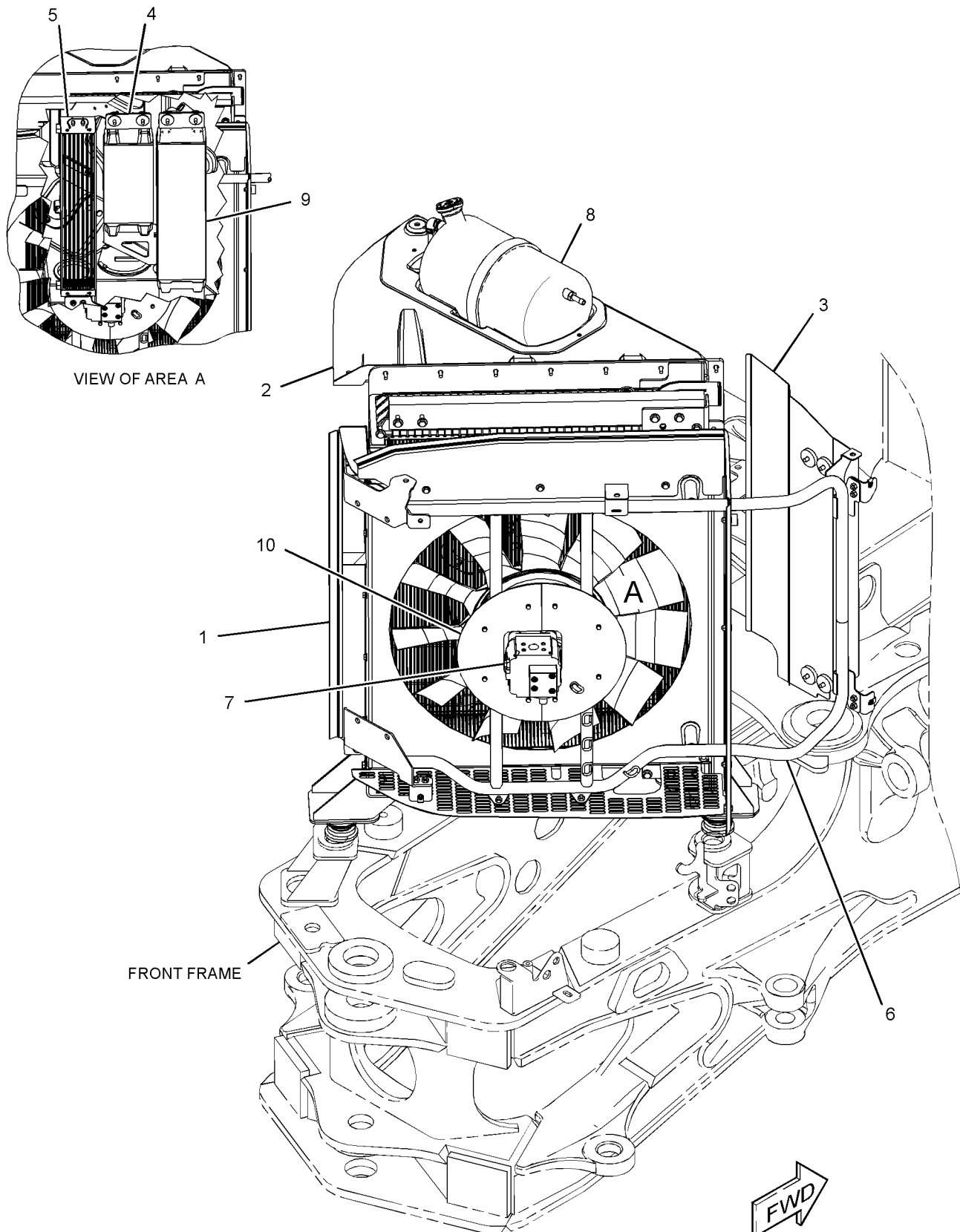
M-METRIC PART

Y-SEPARATE ILLUSTRATION

COOLING SYSTEM

332-3066 RADIATOR AR (contd.)

i04282429



GRAPHIC #1

<END>

g02418896

COOLING SYSTEM

291-8991 RADIATOR GP

S/N: T4R1-UP

PART OF 332-3066 RADIATOR AR

SMCS-1353, 1377

i04217149

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	7U-8704	1	WASHER (17X65X5-MM THK)	
	2	1	8G-0841	1	MOUNT AS	
	3	1	9W-9952	2	WASHER (16.75X86X8-MM THK)	
	4	1	9W-9953	2	SLEEVE	
	5	1	254-3355	1	ROD END	
	6	1	273-2476	2	SPACER (20.1X35X6-MM THK)	
	7	1	335-2474	2	MOUNT AS	
Y	8	1	336-3485	1	RADIATOR GP	121
	9	1	340-3208	1	BAR-TIE	
	10	1	340-3209	1	BAR AS	
		1	6U-2097	1	BUSHING	
	11	1	340-3210	1	BOSS	
	12	1	341-8593	1	ADAPTER AS	
Y	13	1	362-4575	1	SHROUD GP-RADIATOR	125
	14	1	251-9567	2	NUT (M20X1.5-THD)	
	15	1	241-8120	1	NUT (M20X1.5-THD, LH)	
	16	1	3E-9411	2	WASHER-HARD (17.5X38X6-MM THK)	
M	17	1	7X-2555	2	BOLT (M16X2X80-MM)	
M	18	1	8T-4132	5	NUT (M16X2-THD)	
M	19	1	8T-4173	2	BOLT (M16X2X110-MM)	
M	20	1	8T-4175	1	BOLT (M16X2X90-MM)	
M	21	1	8T-4187	1	BOLT (M20X2.5X80-MM)	
	22	1	9X-8257	8	WASHER (17.5X30X3.5-MM THK)	

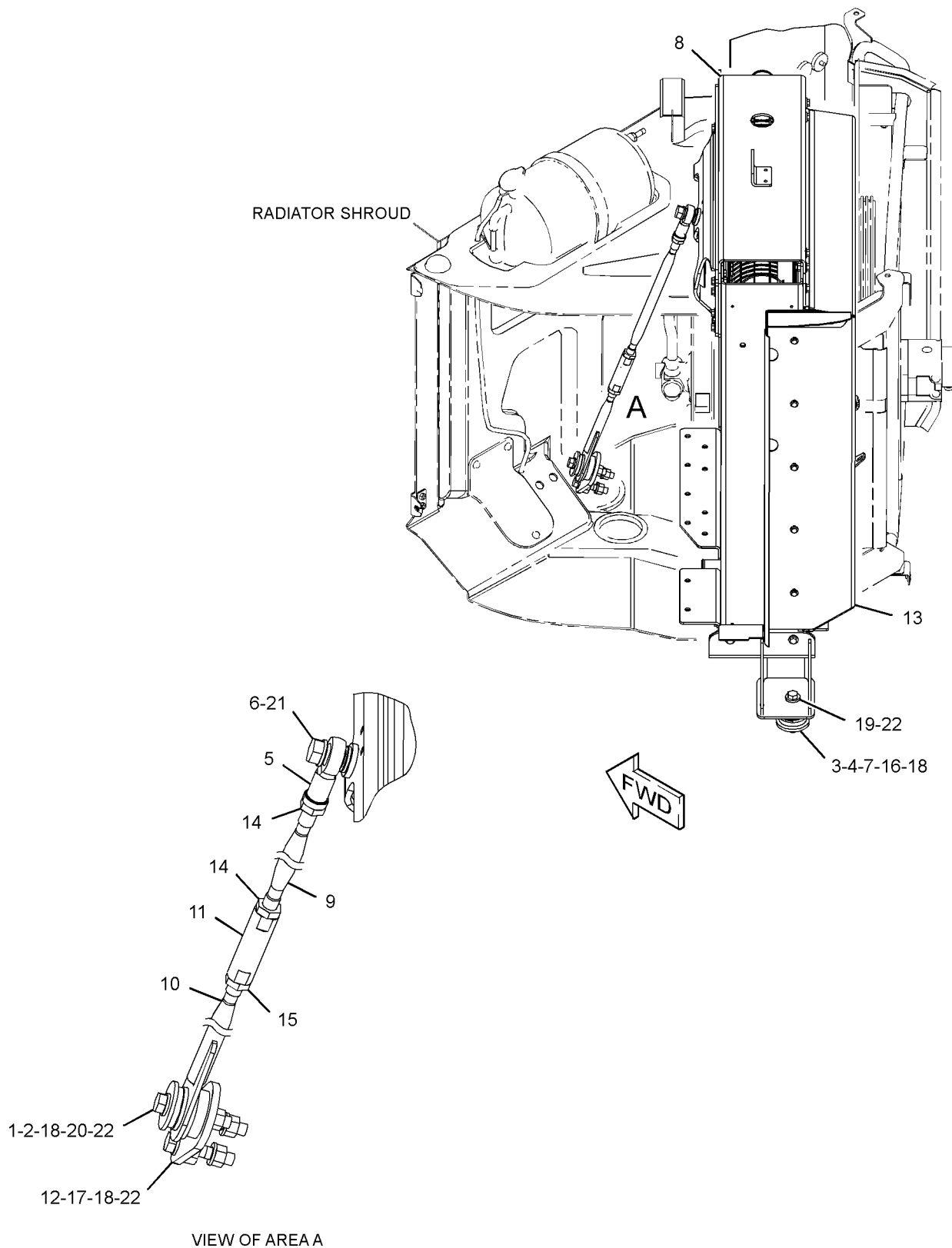
M-METRIC PART

Y-SEPARATE ILLUSTRATION

COOLING SYSTEM

291-8991 RADIATOR GP (contd.)

i04217149



GRAPHIC #1

<END>

g02428217

COOLING SYSTEM

336-3485 RADIATOR GP

S/N: T4R1-UP

PART OF 291-8991 RADIATOR GP

SMCS-1353, 1377

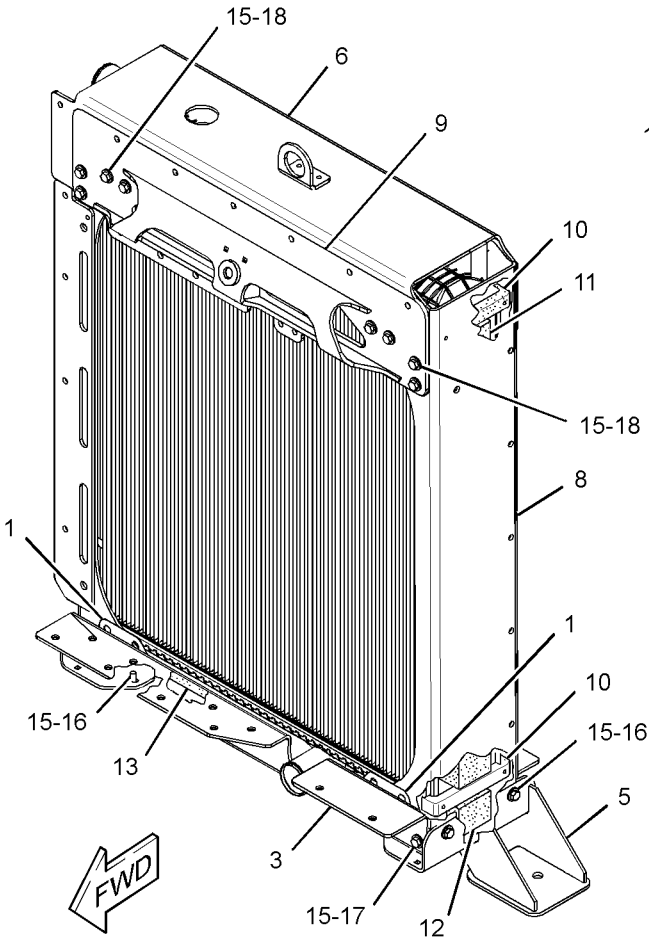
i04278890

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	270-5131	2	SHIM (1-MM THK)						
	2	1	332-4567	1	CORE AS-RADIATOR						
	3	1	336-3488	1	SUPPORT AS (BOTTOM)						
	4	1	339-0577	1	MOUNTING AS (RH)						
	5	1	339-0578	1	MOUNTING AS (LH)						
	6	1	339-8064	1	SUPPORT AS (TOP)						
	7	1	339-8067	1	FRAME AS (RH)						
	8	1	339-8071	1	FRAME AS (LH)						
	9	1	339-8078	1	MOUNT AS						
J	10	1	340-3207	4	MOUNT-ISOLATION						
J	11	1	353-2650	2	SEAL-FOAM						
J	12	1	353-2651	2	SEAL-FOAM						
J	13	1	353-2652	1	SEAL-FOAM						
J	14	1	353-2653	1	SEAL-FOAM						
	15	1	7X-7729	36	WASHER (11X25X3-MM THK)						
M	16	1	8T-4136	8	BOLT (M10X1.5X25-MM)						
M	17	1	8T-4195	20	BOLT (M10X1.5X30-MM)						
M	18	1	8T-4196	8	BOLT (M10X1.5X35-MM)						
AVAILABLE REPAIR KIT(S):											
J			350-9386	1	KIT-SEAL						
J-KIT MARKED J SERVICES PARTS MARKED J											
M-METRIC PART											

COOLING SYSTEM

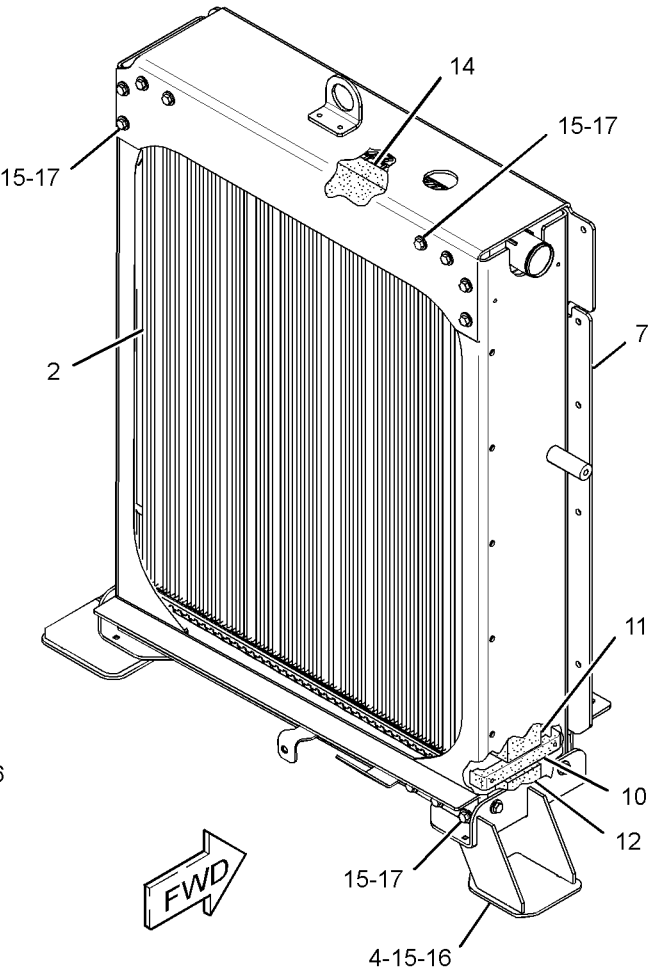
336-3485 RADIATOR GP (contd.)

i04278890



GRAPHIC #1

<END>



g02428796

COOLING SYSTEM

291-8995 SHROUD GP-RADIATOR

S/N: T4R1-UP

PART OF 332-3066 RADIATOR AR

SMCS-7272

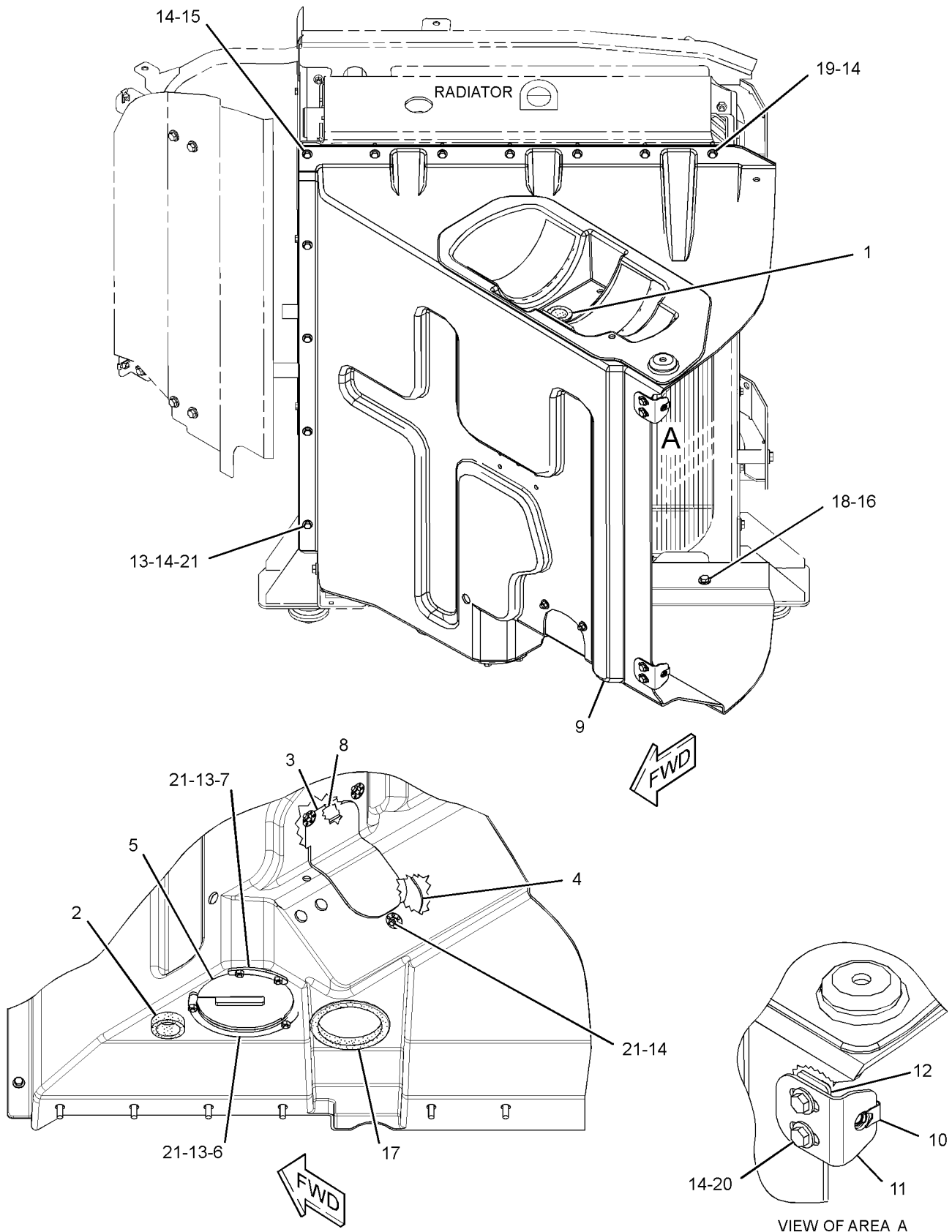
i04171137

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	176-6279	1	BUSHING-RUBBER						
	2	1	176-6404	1	BUSHING-RUBBER						
	3	1	209-6148	1	COVER						
	4	1	209-6149	1	PLATE						
	5	1	209-7533	1	COVER						
	6	1	209-7534	2	PLATE						
	7	1	209-7535	2	PLATE						
	8	1	212-7961	1	PLATE						
	9	1	351-8199	1	DUCT AS						
	10	1	352-9305	2	NUT-SPRING						
	11	1	353-3434	2	BRACKET						
	12	1	358-0725	2	PLATE AS						
					(EACH INCLUDES)						
M		1	8T-3612	2	NUT-WELD (M8X1.25-THD)						
M	13	1	5C-7261	8	NUT (M8X1.25-THD)						
	14	1	5P-4116	22	WASHER-HARD (8.8X20.5X2-MM THK)						
M	15	1	7X-2537	6	BOLT (M8X1.25X35-MM)						
	16	1	7X-7729	6	WASHER (11X25X3-MM THK)						
	17	1	7Y-5456	1	GROMMET						
M	18	1	8T-4195	6	BOLT (M10X1.5X30-MM)						
M	19	1	8T-4197	1	BOLT (M8X1.25X40-MM)						
M	20	1	8T-4908	4	BOLT (M8X1.25X25-MM)						
M	21	1	8T-7547	11	BOLT (M8X1.25X30-MM)						
M-METRIC PART											

COOLING SYSTEM

291-8995 SHROUD GP-RADIATOR (contd.)

i04171137



GRAPHIC #1

<END>

g02409556

COOLING SYSTEM

362-4575 SHROUD GP-RADIATOR

S/N: T4R1-UP

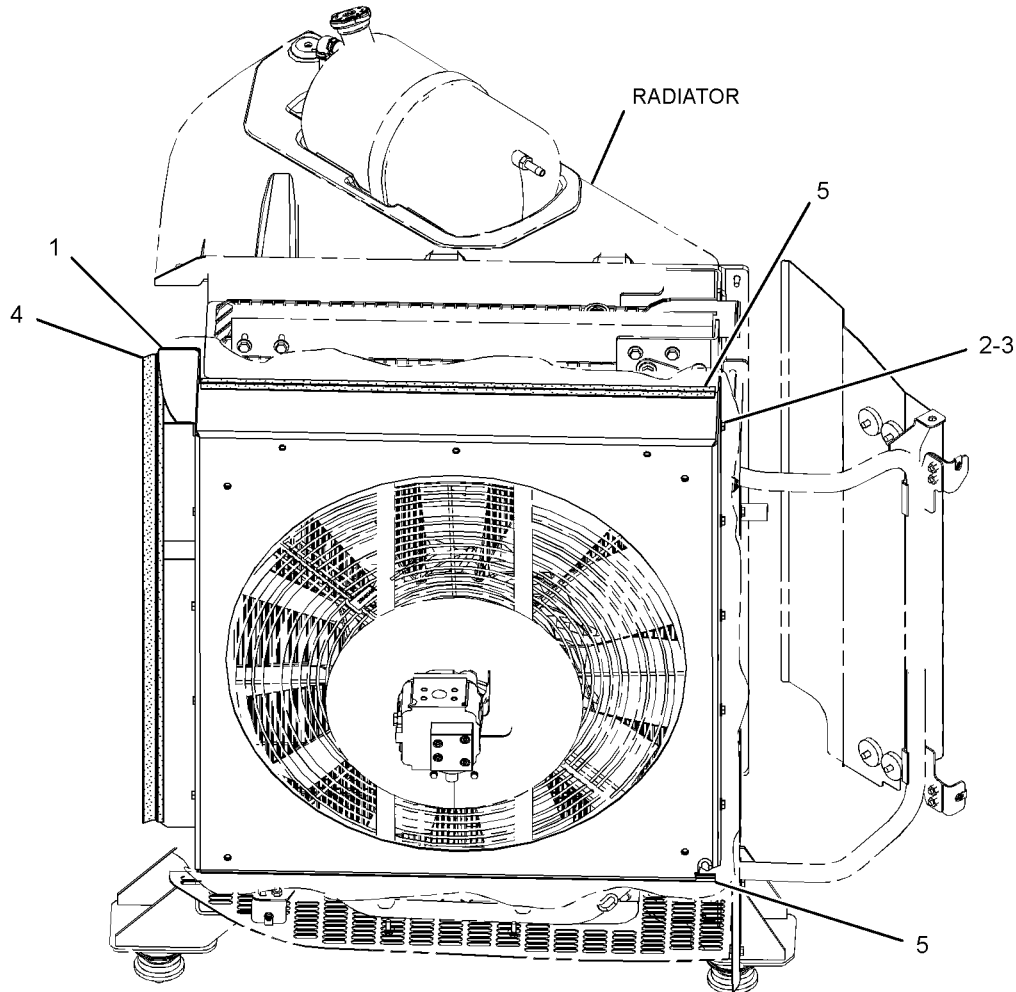
PART OF 291-8991 RADIATOR GP

SMCS-7272

i04171519

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	362-4574	1	SHROUD AS-FAN						
		1	4H-1849	4	COLLAR						
		1	7T-1099	1	LINK						
M		1	8T-3597	4	NUT-WELD (M12X1.75-THD)						
M		1	8T-3612	11	NUT-WELD (M8X1.25-THD)						
	2	1	5P-4116	10	WASHER-HARD (8.8X20.5X2-MM THK)						
M	3	1	8T-4908	10	BOLT (M8X1.25X25-MM)						
H	4	1	136-7728		SEAL-COMPOSITE (9.9-DM)						
H	5	1	201-4066		SEAL (8.9-DM EACH)						

H-ORDER BY THE DECIMETER
M-METRIC PART



GRAPHIC #1

<END>

g02393617

COOLING SYSTEM

291-9054 TANK GP-COOLANT

S/N: T4R1-UP

PART OF 332-3066 RADIATOR AR

SMCS-1354, 1377

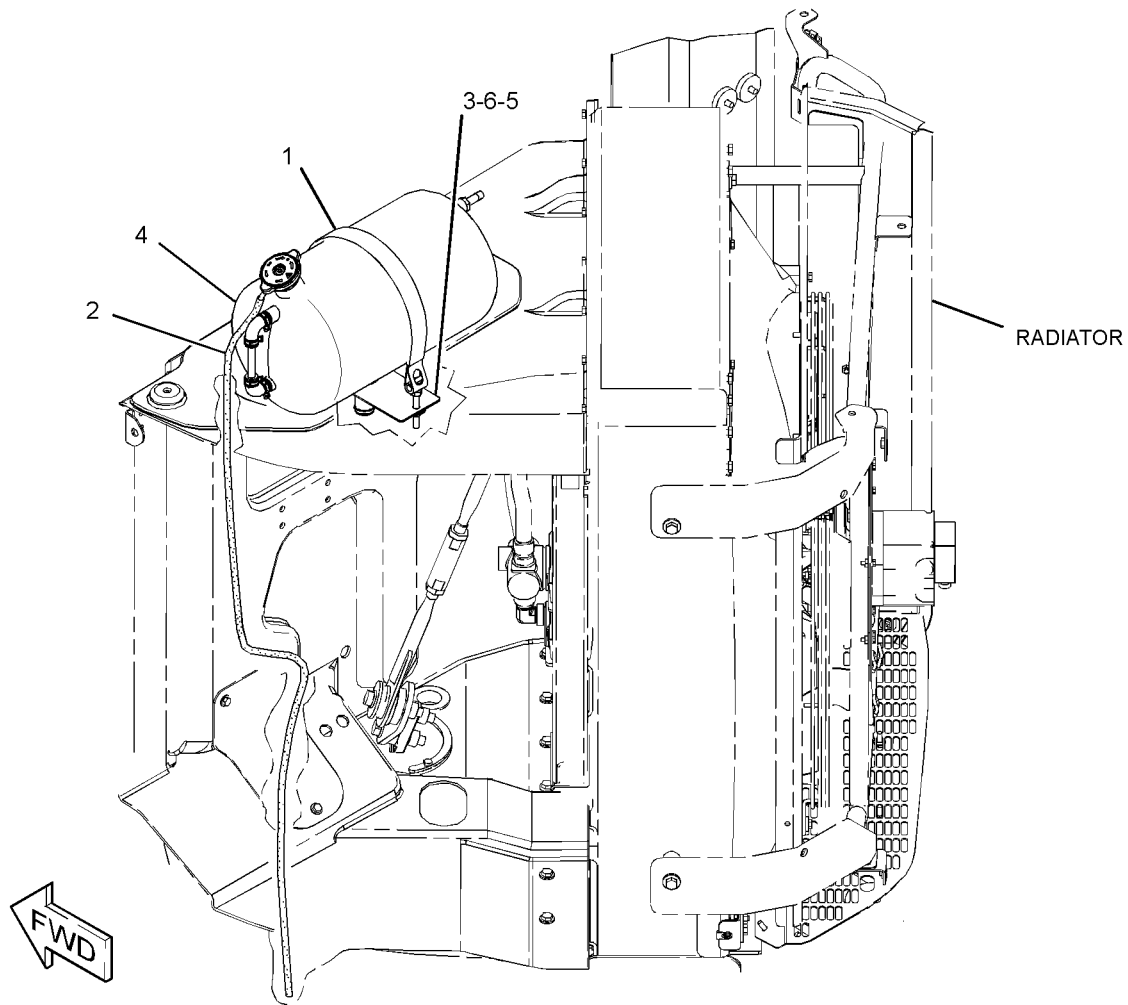
i04177115

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	174-5592	1	STRAP						
E	2	1	8C-3681		HOSE (160-CM)						
	3	1	303-9292	1	PLATE						
Y	4	1	344-6064	1	TANK GP-COOLANT						127
	5	1	7X-0578	2	WASHER-HARD (10.2X32X2.5-MM THK)						
M	6	1	8T-0389	2	LOCKNUT (M10X1.5-THD)						

E-ORDER BY THE CENTIMETER

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02391106

COOLING SYSTEM

344-6064 TANK GP-COOLANT

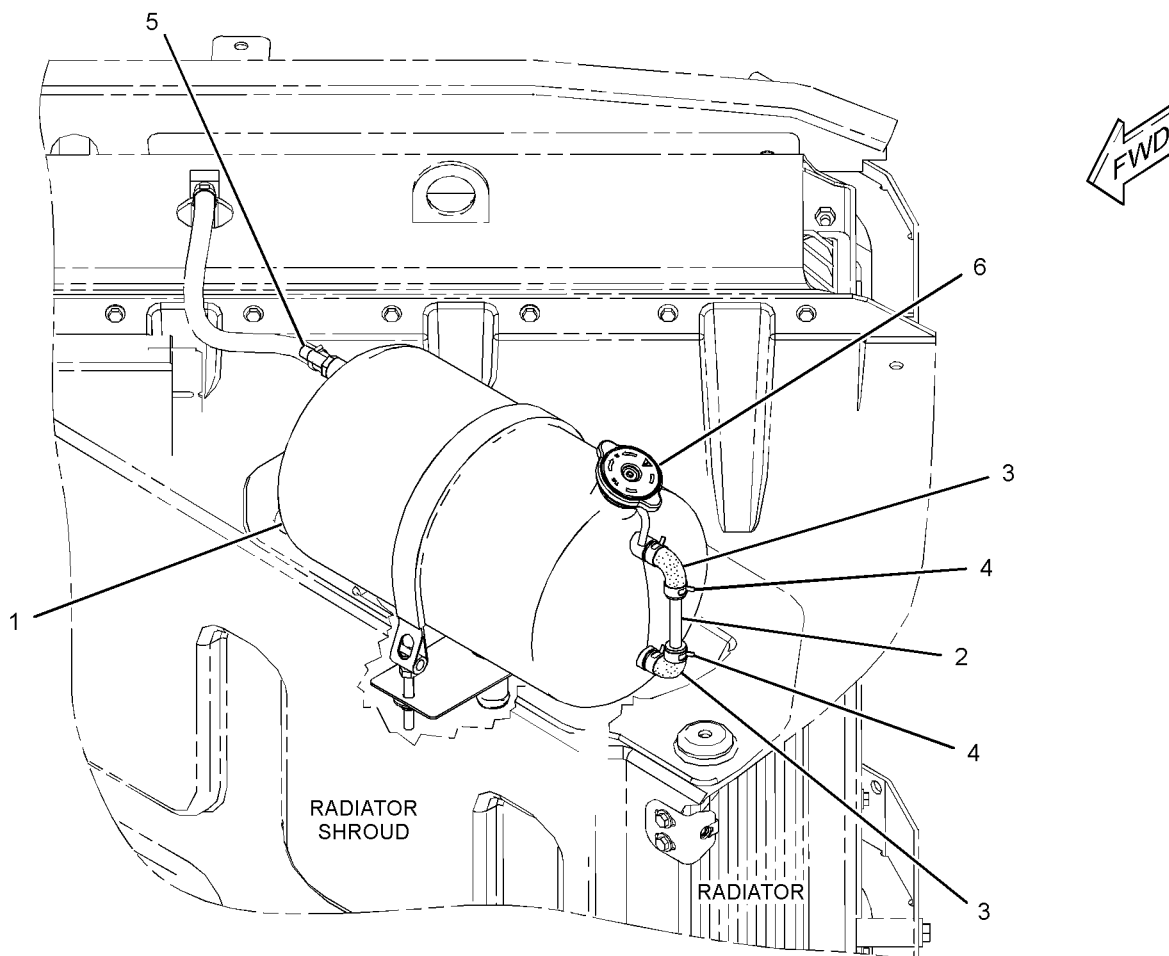
S/N: T4R1-UP

PART OF 291-9054 TANK GP-COOLANT

SMCS-1354, 1377

i04177110

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	228-4976	1	TANK AS-COOLANT						
		1	8N-8846	1	NECK-FILLER						
	2	1	269-3084	1	TUBE						
	3	1	269-3085	2	ELBOW-HOSE						
	4	1	269-3086	4	CLAMP-BAND						
	5	1	287-8089	1	ADAPTER						
		1	8T-7524	1	SEAL-O-RING						
	6	1	294-3342	1	CAP AS-RADIATOR						



GRAPHIC #1

<END>

g02392878

AIR INLET AND EXHAUST SYSTEM

338-1913 ACTUATOR GP-ROTARY

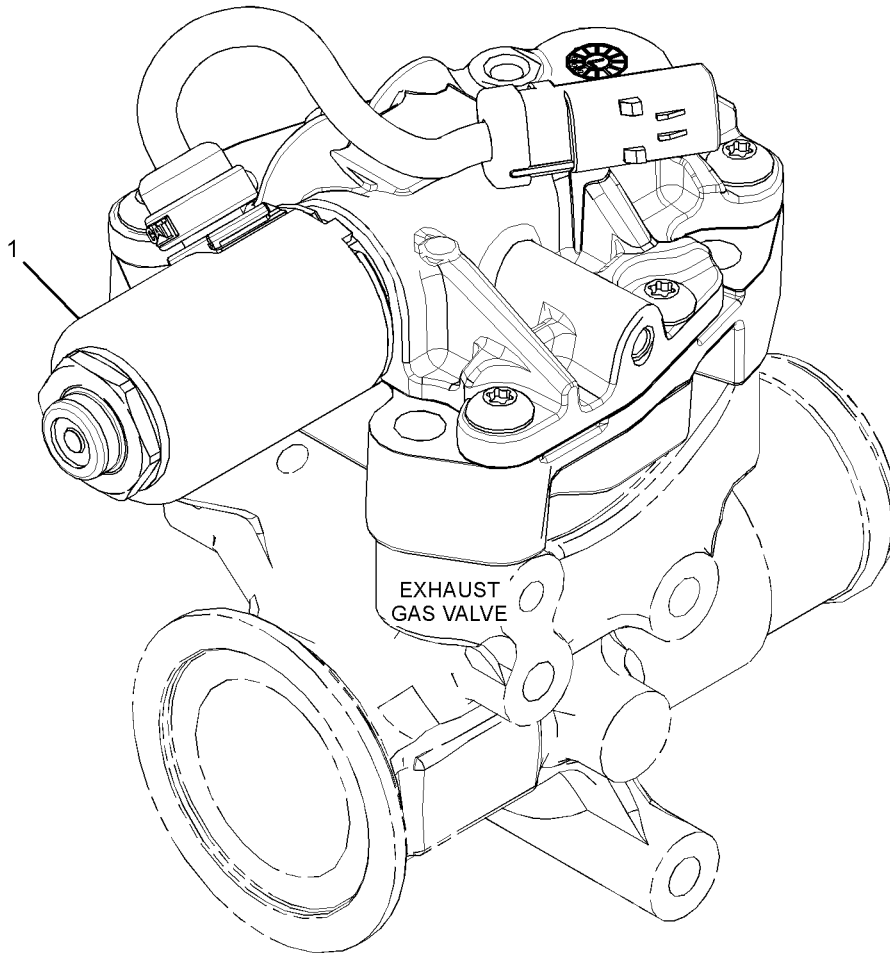
S/N: TXL1-UP; L4X1-UP

PART OF 337-7323 VALVE GP-EXHAUST GAS (NRS)

SMCS-3166

i03828955

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	342-0636	1	VALVE	GP-SOLENOID	(NOX REDUCTION SYSTEM)				196
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g02080493

AIR INLET AND EXHAUST SYSTEM

329-9993 ADAPTER GP-EXHAUST DIFFUSER

S/N: TXL1-UP; L4X1-UP

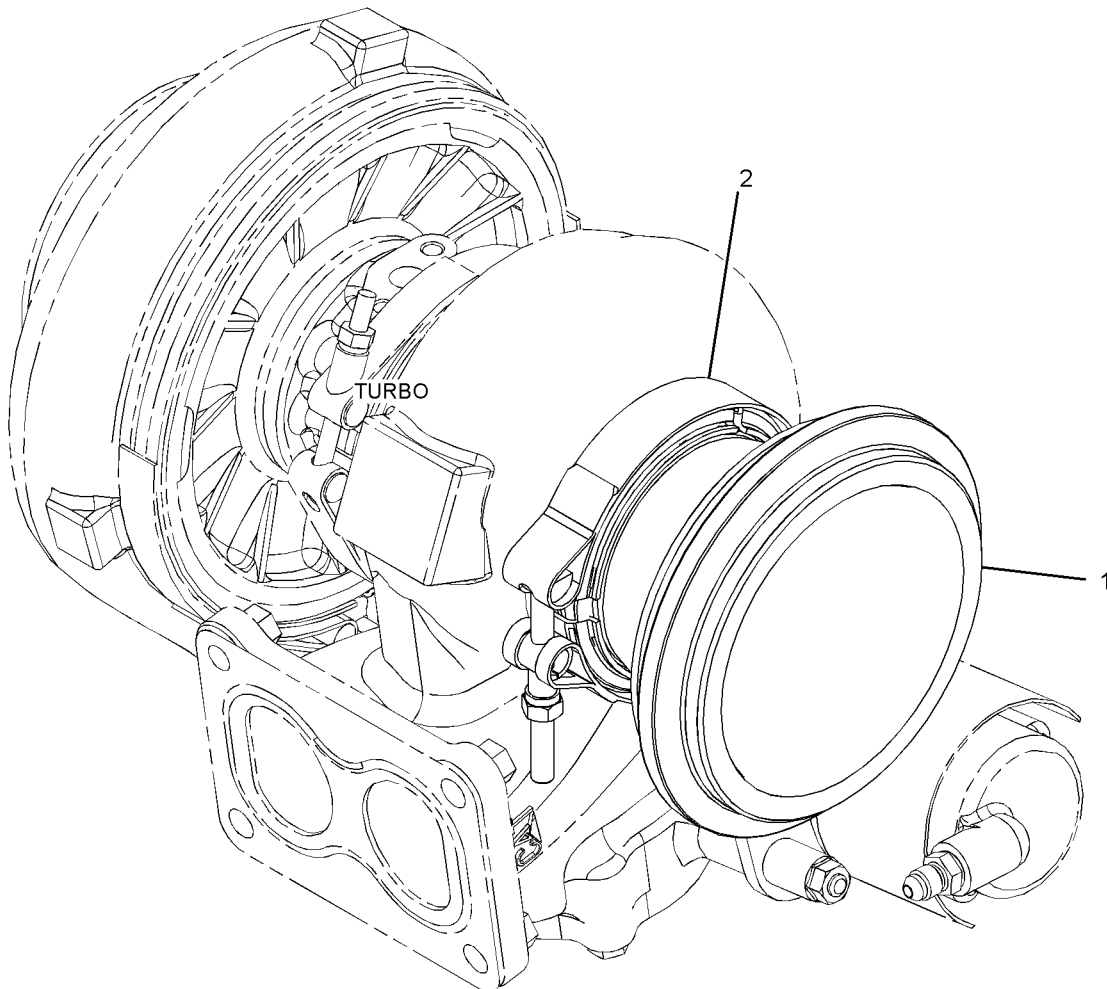
PROVIDES STRAIGHT TURBOCHARGER EXHAUST DIFFUSER WITH 5 INCH FULL MARMAN
CONNECTION

PART OF 365-3722 ENGINE AR-COMPLETE

SMCS-1061

i03865994

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	336-7574	1	DIFFUSER						
	2	1	1W-5455	1	CLAMP						



GRAPHIC #1

<END>

g02113035

AIR INLET AND EXHAUST SYSTEM

291-8896 AFTERCOOLER GP-AIR

S/N: T4R1-UP

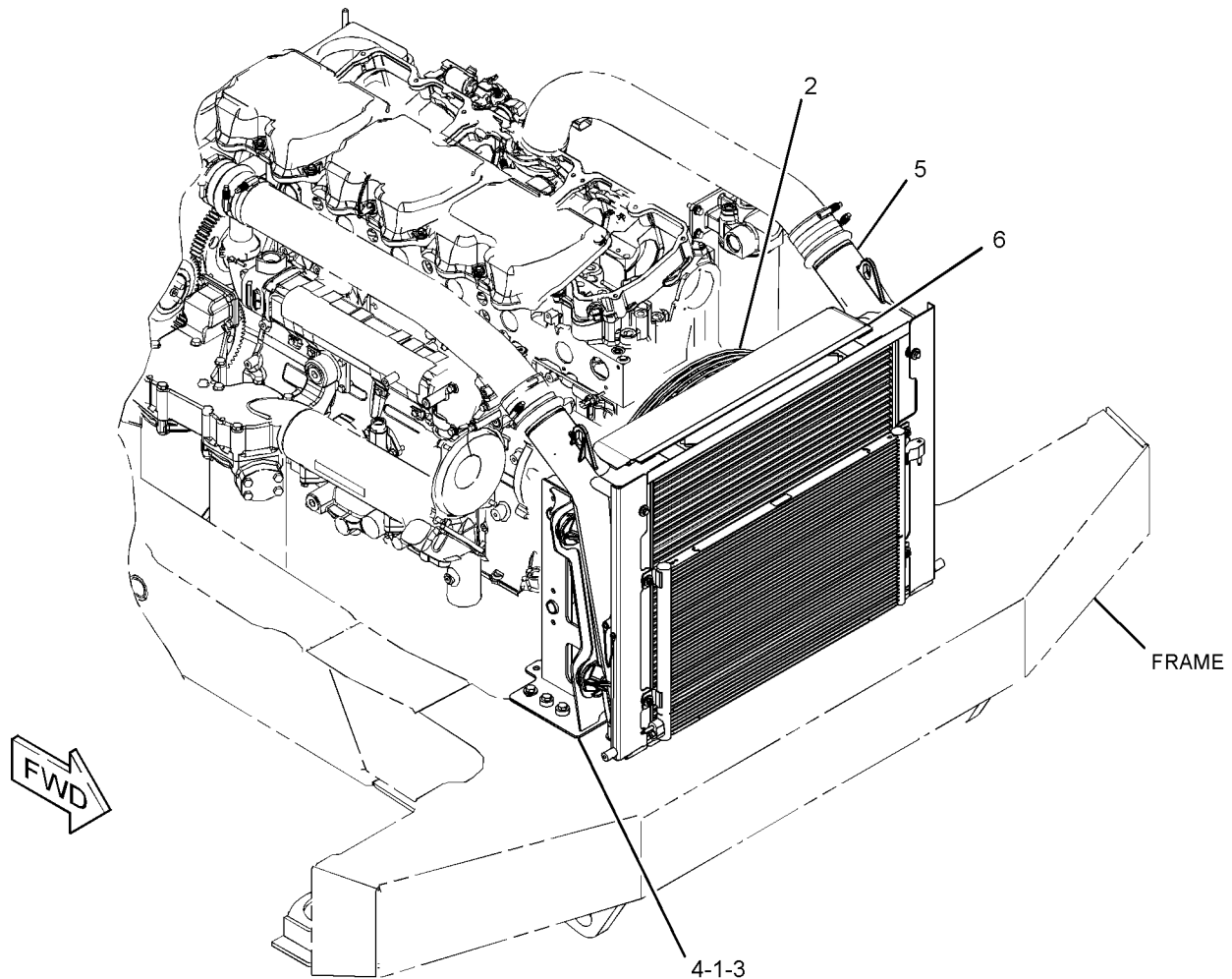
PART OF 291-8722 POWER TRAIN AR

SMCS-1063

i04217069

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	316-3240	1	MOTOR & MTG GP-PISTON (HYDRAULIC FAN)	650
	2	1	336-7031	1	GUARD AS-FAN	
Y	3	1	341-6360	1	FAN GP	97
Y	4	1	341-8053	1	SUPPORT GP-AFTERCOOLER	187
Y	5	1	341-9505	1	AFTERCOOLER GP-AIR	131
	6	1	351-8610	1	SHROUD-FAN	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02417420

AIR INLET AND EXHAUST SYSTEM

341-9505 AFTERCOOLER GP-AIR

S/N: T4R1-UP

PART OF 291-8896 AFTERCOOLER GP-AIR

SMCS-1063

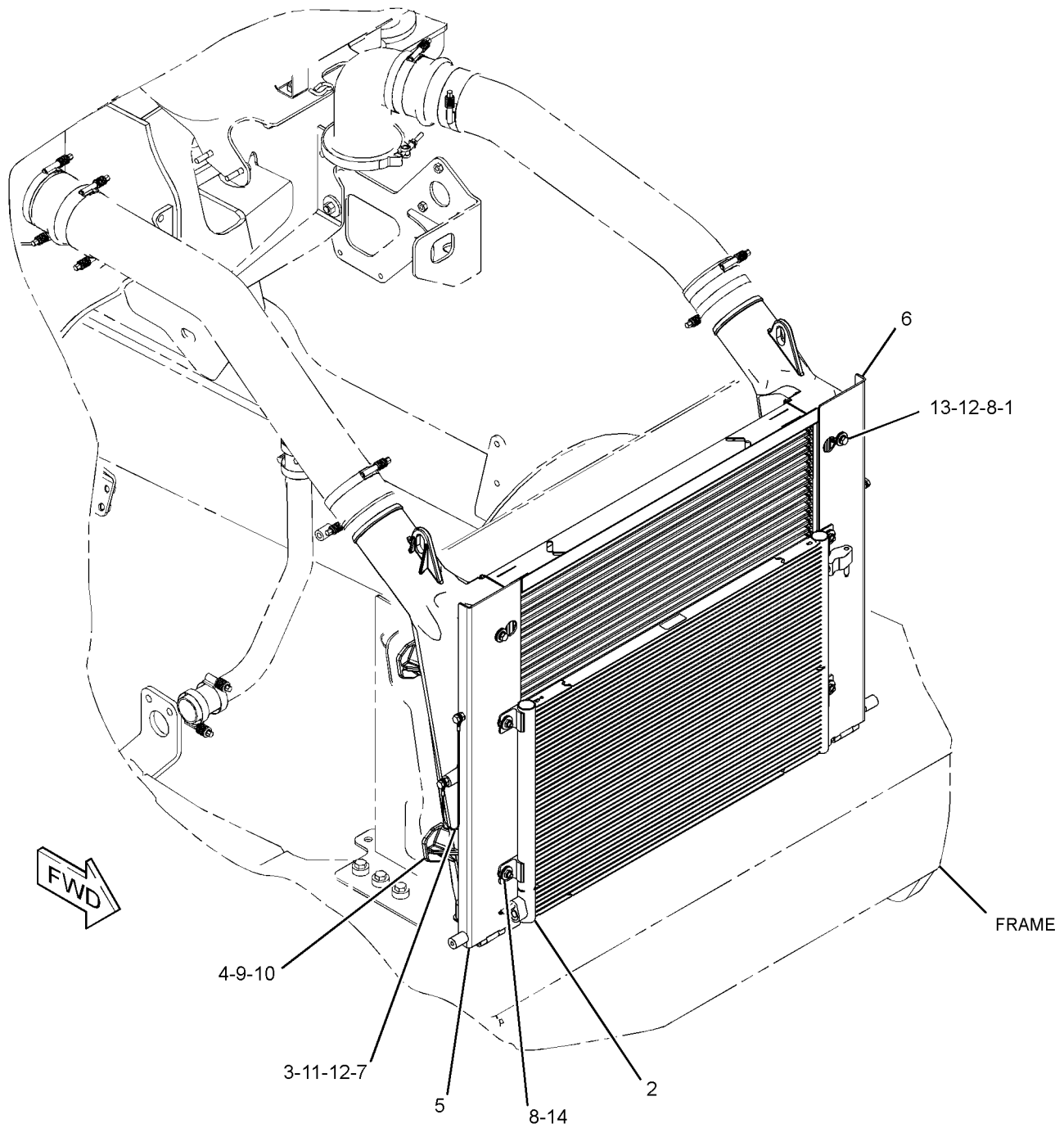
i04217076

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	317-8141	2	MOUNT						
	2	1	344-2569	1	CORE AS-CONDENSER						
		1	317-8141	4	MOUNT						
	3	1	344-2576	2	LANYARD						
	4	1	350-1820	1	CORE AS-AFTERCOOLER						
	5	1	370-0020	1	HINGE AS (RH)						
	6	1	370-0021	1	HINGE AS (LH)						
M	7	1	5C-7261	4	NUT (M8X1.25-THD)						
	8	1	7X-0579	6	WASHER-HARD (8.8X25.5X2-MM THK)						
	9	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	10	1	8T-4136	4	BOLT (M10X1.5X25-MM)						
M	11	1	8T-4200	4	BOLT (M8X1.25X16-MM)						
	12	1	8T-4224	10	WASHER-HARD (8.8X16X2-MM THK)						
M	13	1	8T-4908	2	BOLT (M8X1.25X25-MM)						
M	14	1	8T-7963	4	LOCKNUT (M8X1.25-THD)						
M-METRIC PART											

AIR INLET AND EXHAUST SYSTEM

341-9505 AFTERCOOLER GP-AIR (contd.)

i04217076



GRAPHIC #1

<END>

g02416779

AIR INLET AND EXHAUST SYSTEM

291-8902 AIR CLEANER GP

S/N: T4R1-UP

PART OF 291-8722 POWER TRAIN AR

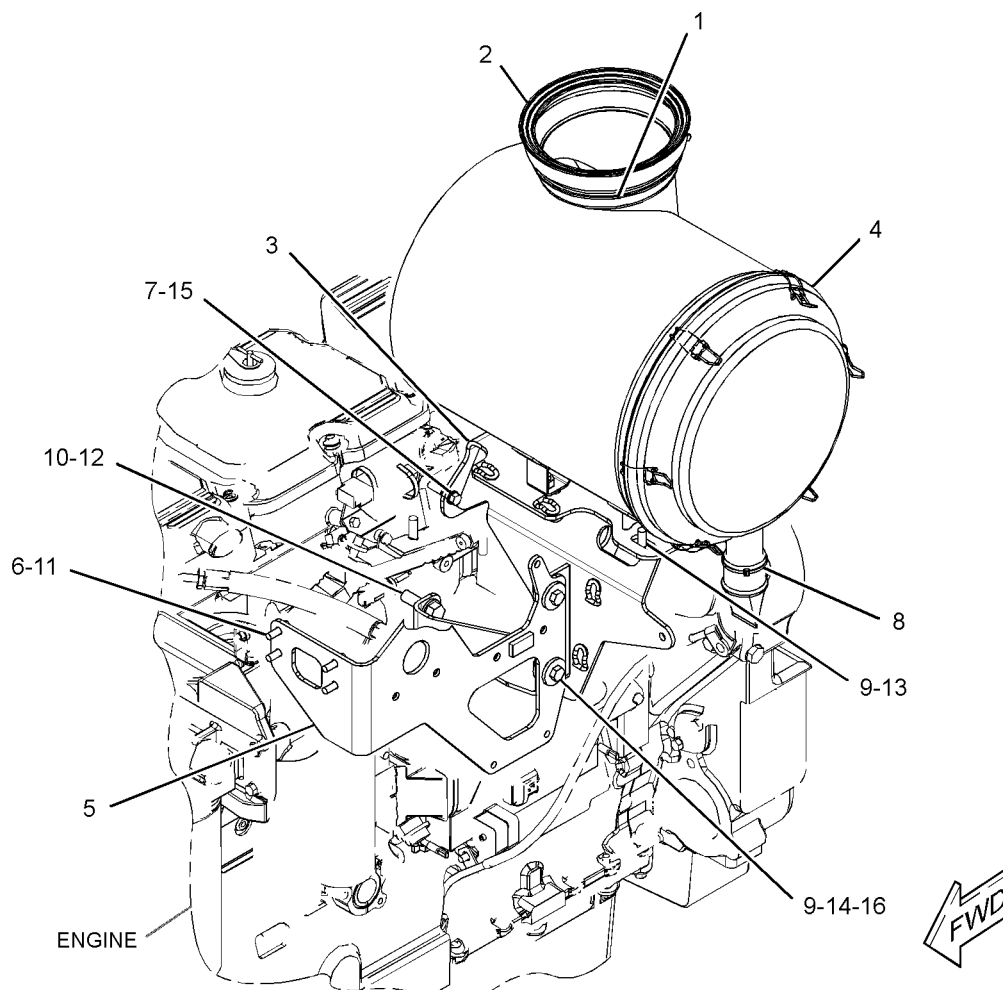
SMCS-1051, 1054

i04173533

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	124-2732	1	CLAMP-HOSE						
	2	1	220-8497	1	SEAL-AIR CLEANER						
	3	1	334-1286	1	BRACKET AS						
Y	4	1	336-7531	1	AIR CLEANER GP						134
	5	1	339-1734	1	BRACKET AS						
M		1	8T-3612	5	NUT-WELD (M8X1.25-THD)						
		1	335-8196	1	PLATE						
	6	1	5P-1075	4	WASHER-HARD (10.2X22.5X3-MM THK)						
	7	1	5S-7383	2	BOLT (3/8-16X1.75-IN)						
	8	1	7K-1181	1	STRAP-CABLE						
	9	1	7X-0618	8	WASHER-HARD (13.5X40X5-MM THK)						
	10	1	7X-3192	1	BOLT (5/8-18X2-IN)						
	11	1	8T-2502	4	BOLT (3/8-16X1.125-IN)						
	12	1	8T-4122	1	WASHER-HARD (17X32X3.5-MM THK)						
M	13	1	8T-4139	4	BOLT (M12X1.75X30-MM)						
M	14	1	8T-4244	2	NUT (M12X1.75-THD)						
	15	1	8T-4896	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
M	16	1	8T-4956	2	BOLT (M12X1.75X35-MM)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02431079

AIR INLET AND EXHAUST SYSTEM

336-7531 AIR CLEANER GP

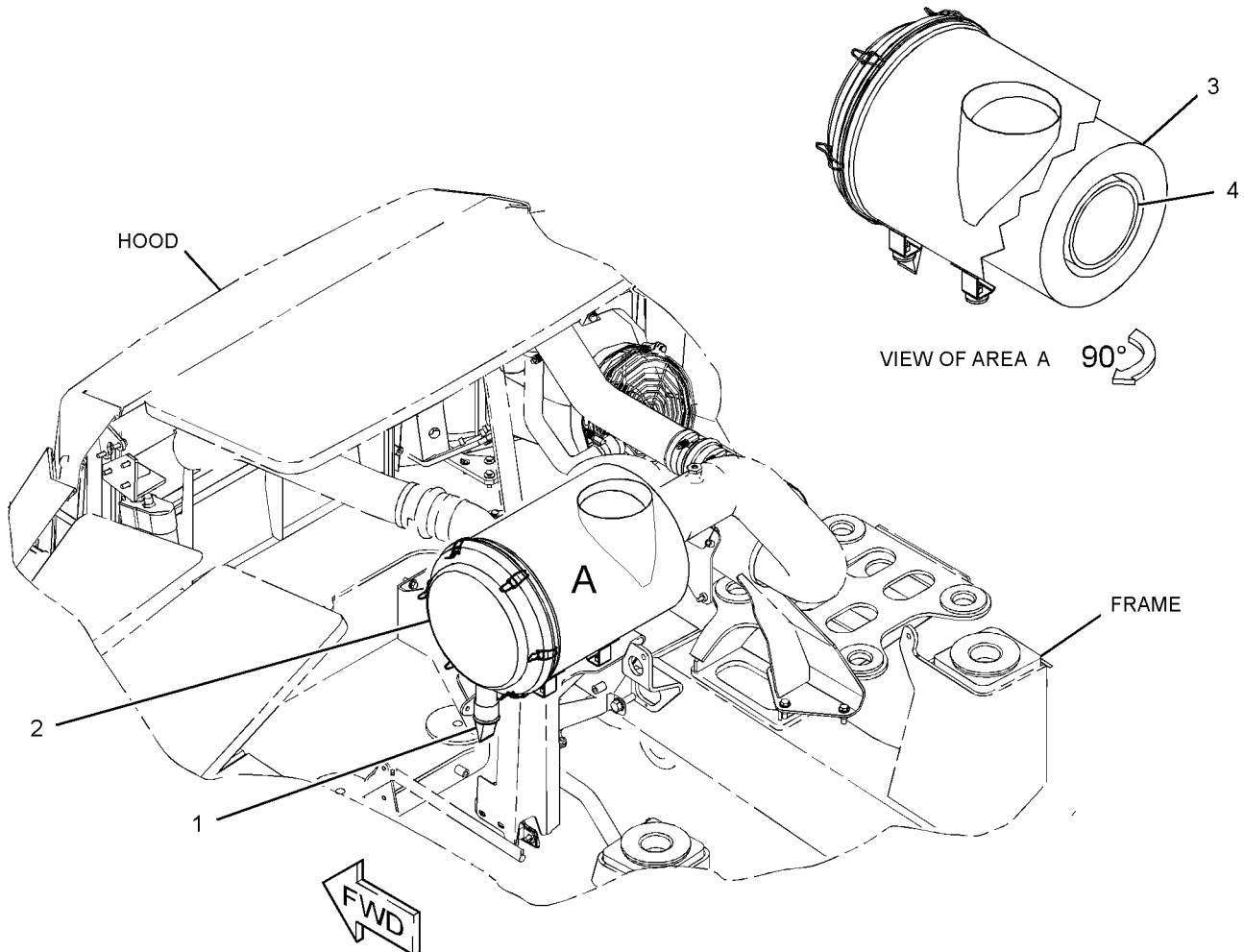
S/N: T4R1-UP

PART OF 291-8902 AIR CLEANER GP

SMCS-1051, 1054

i04282216

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	131-8829	1	VALVE-DUST (AIR CLEANER)						
	2	1	139-8883	1	COVER AS						
	3	1	142-1340	1	FILTER ELEMENT AS-AIR (PRIMARY)						
	4	1	142-1403	1	FILTER ELEMENT AS-AIR (SECONDARY)						



GRAPHIC #1

<END>

g02406438

AIR INLET AND EXHAUST SYSTEM

343-8084 BRACKET GP-MOUNTING

S/N: TXL1-UP; L4X1-UP

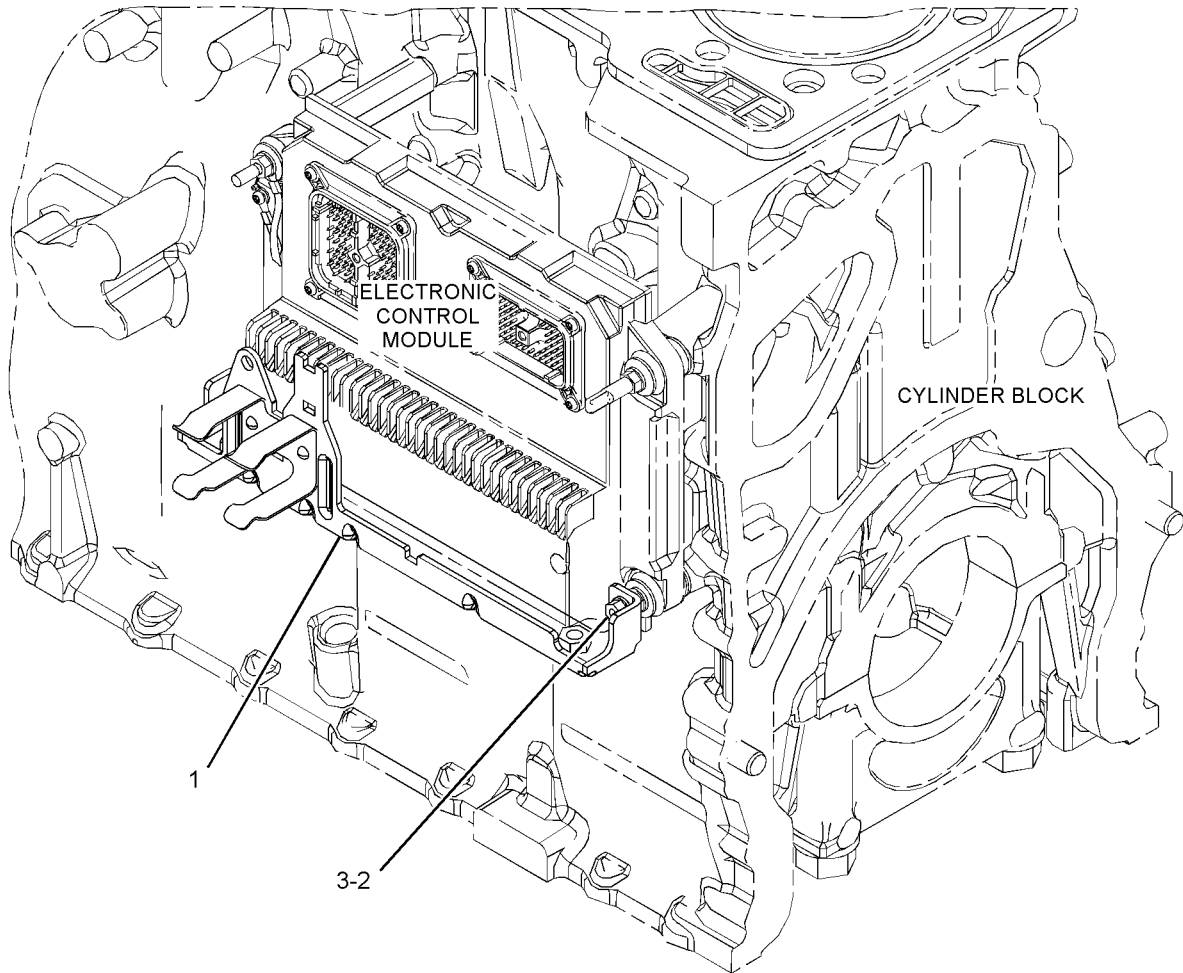
PART OF 365-3722 ENGINE AR-COMPLETE

FOR USE WITH OFFSET OR STANDARD CONTROL MOUNTING GROUP

SMCS-1062, 1067, 1091

i04271114

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	348-0433	1	BRACKET AS						
		1	6V-6716	2	RIVET-TRUSS HEAD						
		1	109-1645	1	CLIP						
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)						
	2	1	6V-8189	2	NUT (5/16-18-THD)						
	3	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)						
M-METRIC PART											



GRAPHIC #1

<END>

g02196713

AIR INLET AND EXHAUST SYSTEM

344-8026 BRACKET GP-MOUNTING

S/N: TXL1-UP; L4X1-UP

PART OF 365-3722 ENGINE AR-COMplete

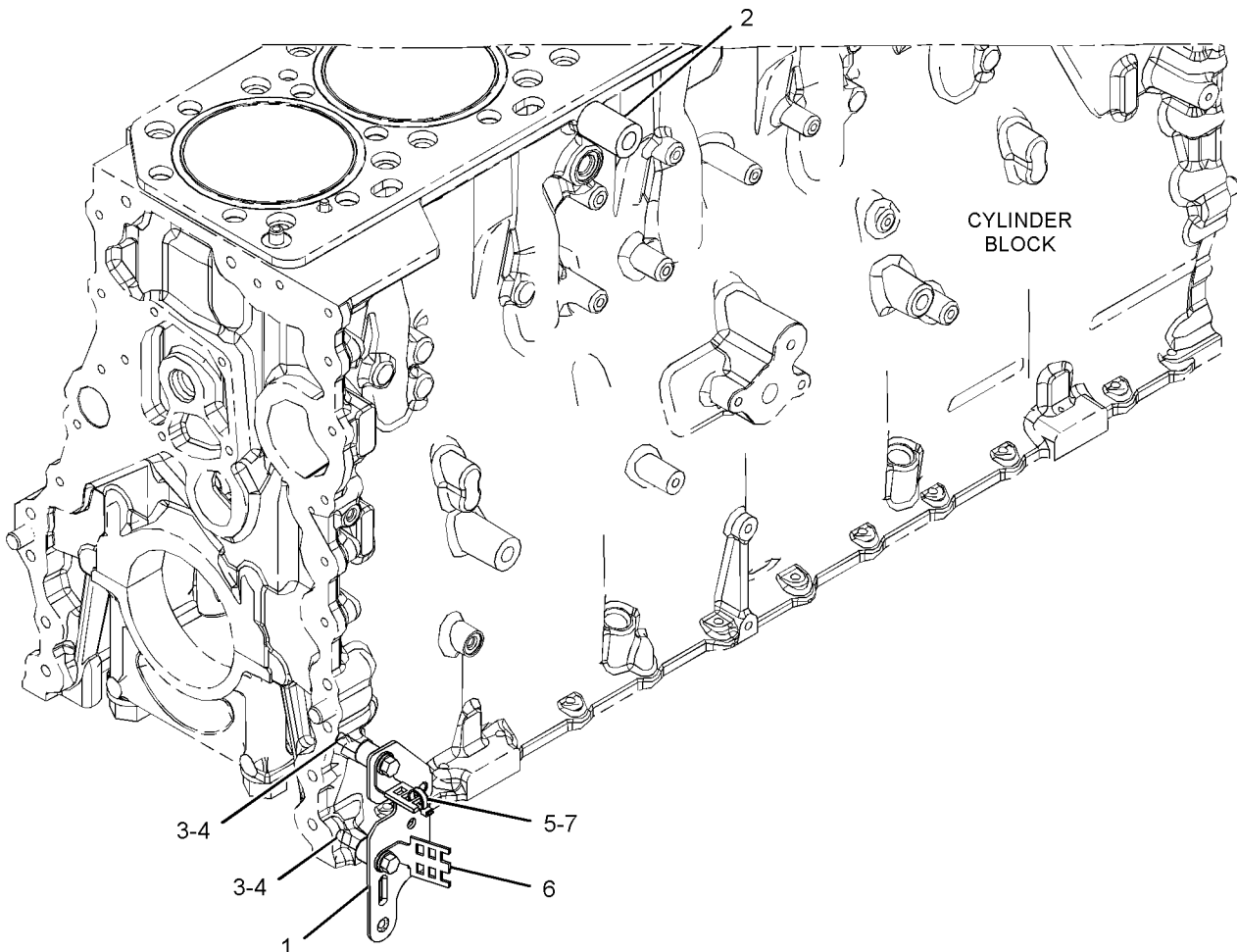
FOR USE WITH LEFT SIDE SOUND PANEL. CANNOT BE USED WITH ENGINES WITHOUT
SOUND PANEL

SMCS-1062, 1067, 1091

i04273033

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	343-8280	1	BRACKET AS						
		1	215-9632	2	SPACER (12X20X20-MM THK)						
		1	343-8291	1	BRACKET AS						
M		1	8T-3612	1	NUT-WELD (M8X1.25-THD)						
		1	9F-2978	1	NUT-WELD (3/8-16-THD)						
2		1	3V-9864	1	SPACER (16.8X32.0X47.0-MM THK)						
3		1	0L-2070	2	BOLT (3/8-16X2.25-IN)						
4		1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
5		1	3S-2093	1	STRAP-CABLE						
6		1	178-1781	1	CLIP						
7		1	132-5789	1	CLIP						

M-METRIC PART



GRAPHIC #1

<END>

g02204953

AIR INLET AND EXHAUST SYSTEM

355-0803 COMBUSTION & MTG GP-EXHAUST

S/N: T4R1-UP

PART OF 362-8784 MODULE AR-CLEAN EMISSIONS

SMCS-108B, 108E, 108M

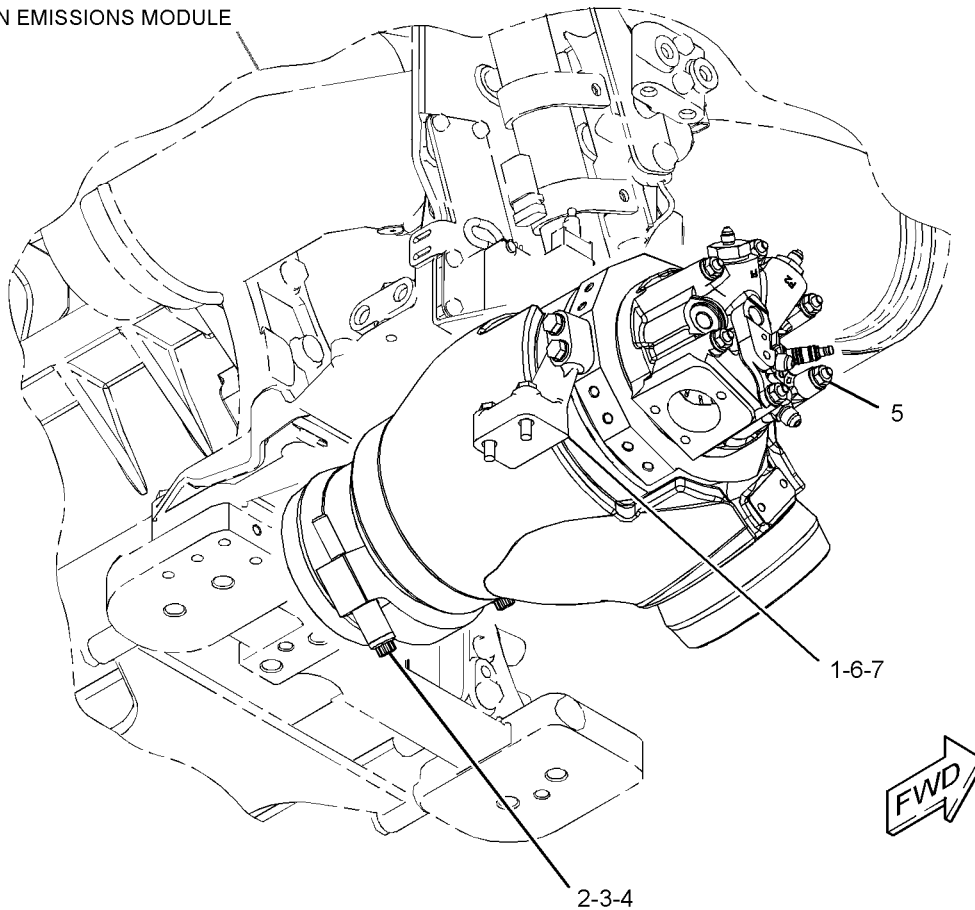
i04219816

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	342-1487	1	BRACKET-SUPPORT						
	2	1	348-3379	1	CLAMP-SUPPORT						
	3	1	348-3426	2	BOLT-12 POINT HEAD (M12X1.75X100-MM)						
	4	1	348-3428	2	SPACER (14X20X42-MM THK)						
Y	5	1	355-0874	1	COMBUSTION GP-EXHAUST						138
M	6	1	8T-4197	4	BOLT (M8X1.25X40-MM)						
	7	1	311-8366	4	WASHER-HARD (8.8X16X2-MM THK)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION

CLEAN EMISSIONS MODULE



GRAPHIC #1

<END>

g02418678

AIR INLET AND EXHAUST SYSTEM

355-0874 COMBUSTION GP-EXHAUST

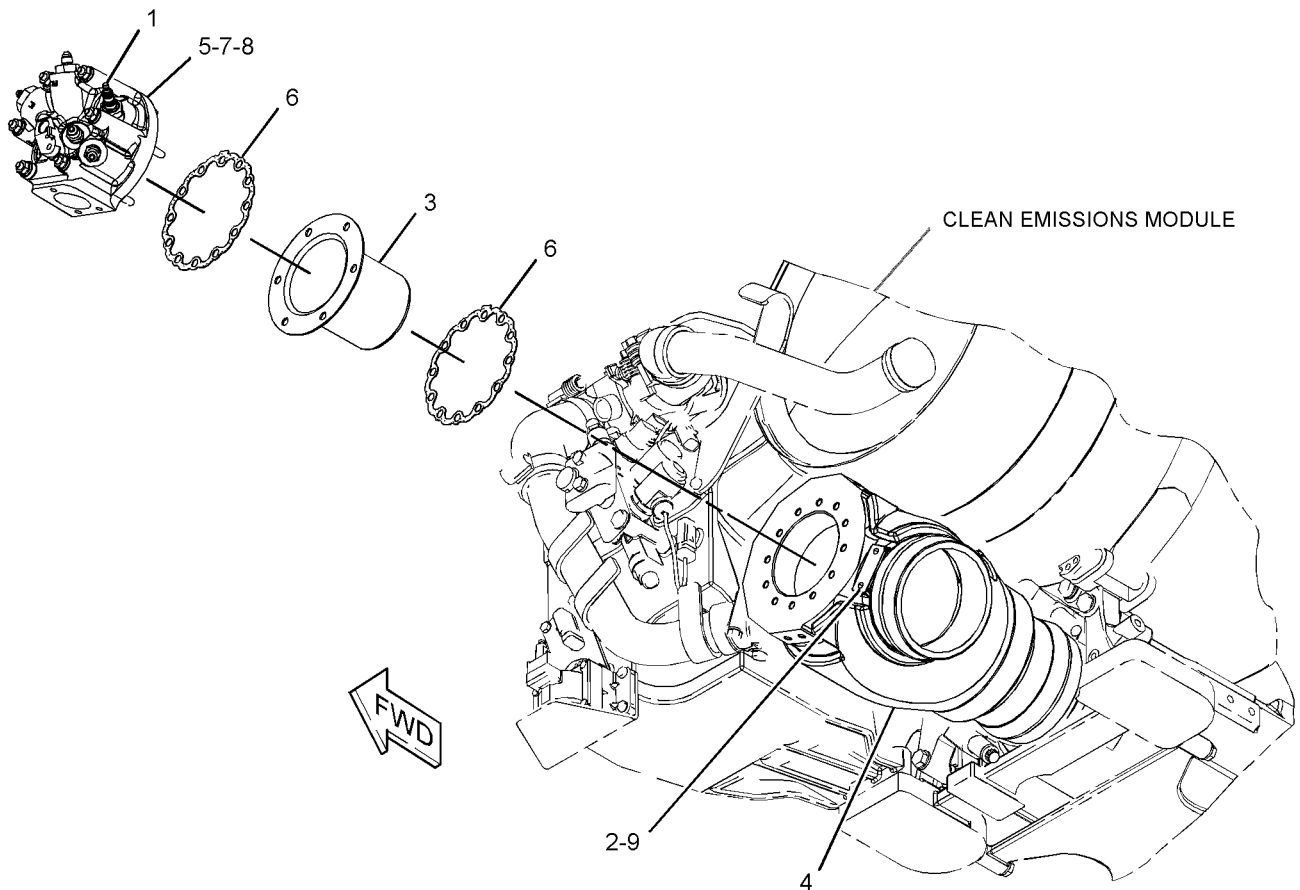
S/N: T4R1-UP

PART OF 355-0803 COMBUSTION & MTG GP-EXHAUST

SMCS-108B, 108E, 108M

i04171585

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	295-3099	1	SPARK PLUG (AFTERTREATMENT REGEN DEVICE)						
	2	1	342-1490	1	PLATE-INFORMATION (EXHAUST COMBUSTION)						
	3	1	348-3364	1	TUBE						
	4	1	348-3392	1	BODY AS-EXHAUST COMBUSTION						
	5	1	348-3402	1	HEAD GP-COMBUSTION (EXHAUST)						
	6	1	348-3425	2	GASKET						
	7	1	291-5204	6	LOCKNUT (M8X1.25-THD)						
	8	1	293-4967	6	STUD-TAPERLOCK (M8X1.25X115-MM)						
	9	1	2K-3219	2	SCREW-DRIVE (NO 6X0.25-IN)						



GRAPHIC #1

<END>

g02419701

AIR INLET AND EXHAUST SYSTEM

362-6633 COOLER GP-CLEAN GAS INDUCTION

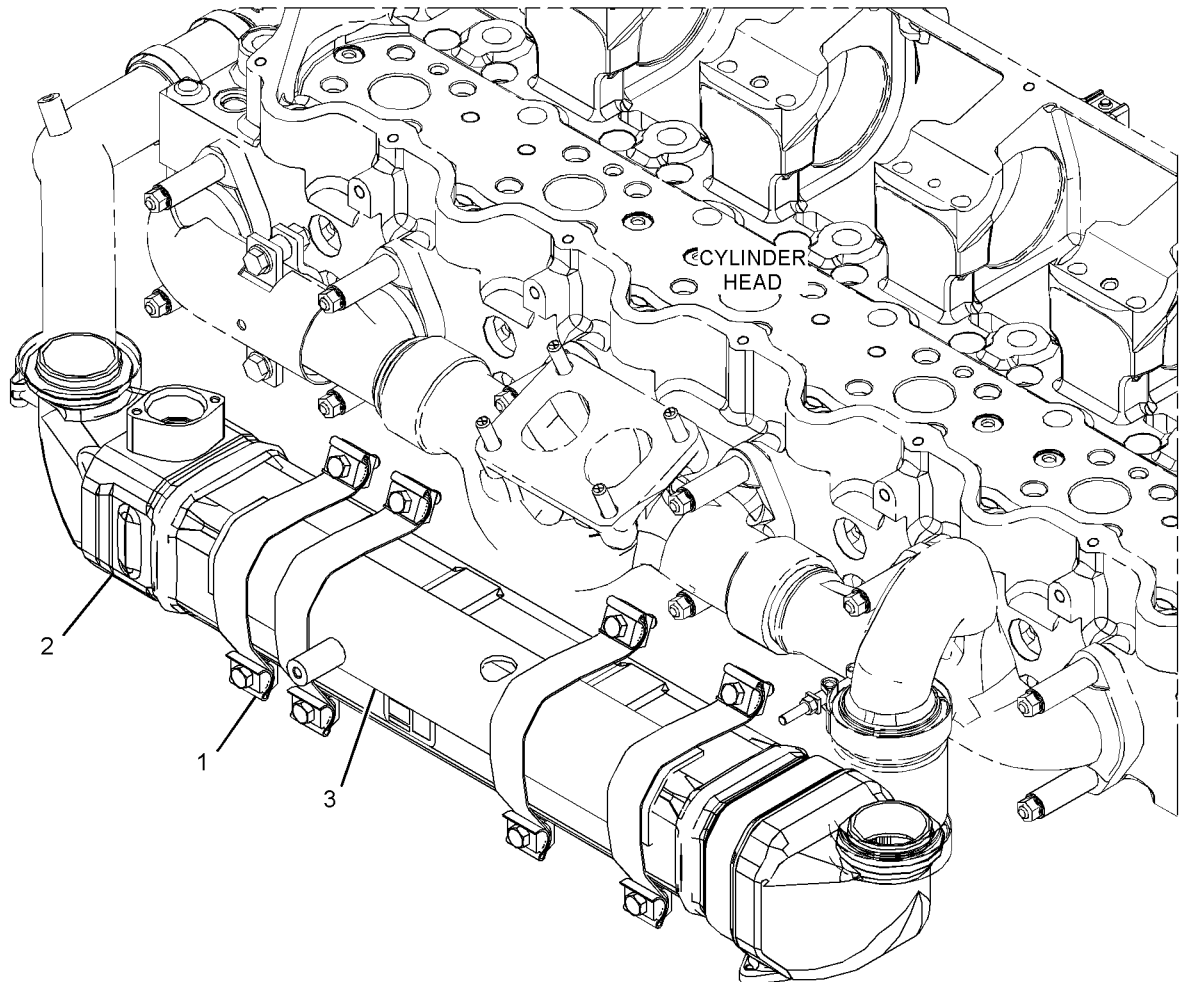
S/N: TXL1-UP; L4X1-UP

PROVIDES EXHAUST COOLER TO RECIRCULATE A PORTION OF THE EXHAUST GAS FROM THE
EXHAUST MANIFOLD/PIPE INTO INTAKE MANIFOLD
PART OF 345-4408 ENGINE AR-CORE

SMCS-1061, 1087, 108C

i04149797

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	344-2636	4	CLAMP AS						
	2	1	363-3435	1	COOLER-EXHAUST (NRS)						
	3	1	362-6634	1	BRACKET AS						



GRAPHIC #1

<END>

g02348417

AIR INLET AND EXHAUST SYSTEM

340-7247 ELBOW & MTG GP-AIR INLET

S/N: TXL1-UP; L4X1-UP

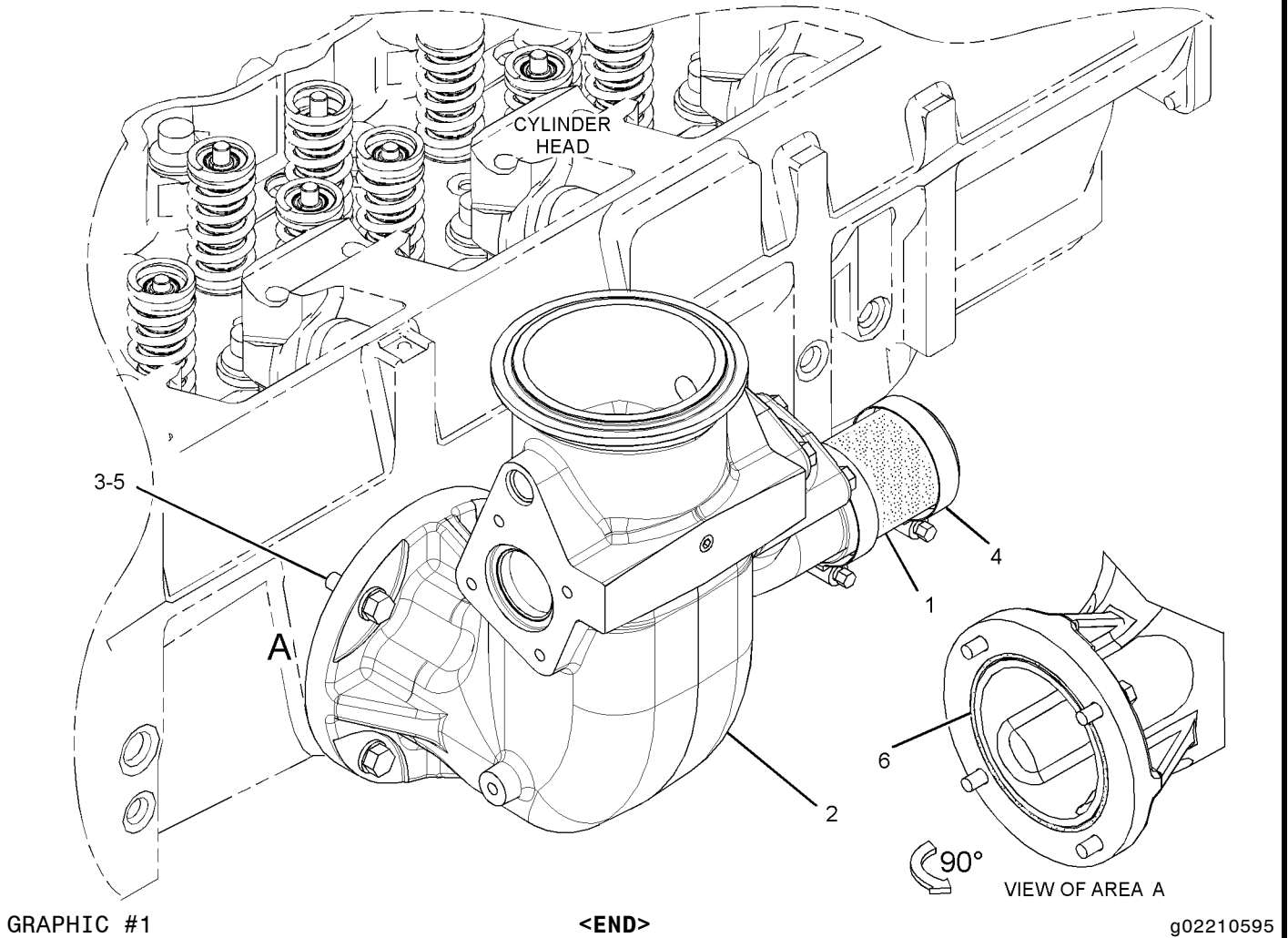
PART OF 365-3722 ENGINE AR-COMPLETE

SMCS-1058, 1087

i03877264

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	328-7546	1	HOSE	
Y	2	1	340-7248	1	ELBOW GP-AIR INLET (WITH COOLED EXHAUST)	141
	3	1	0S-1588	4	BOLT (3/8-16X1.25-IN)	
	4	1	314-7599	2	CLAMP-BAND	
	5	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	6	1	6V-7350	1	SEAL-O-RING	

Y-SEPARATE ILLUSTRATION



AIR INLET AND EXHAUST SYSTEM

340-7248 ELBOW GP-AIR INLET

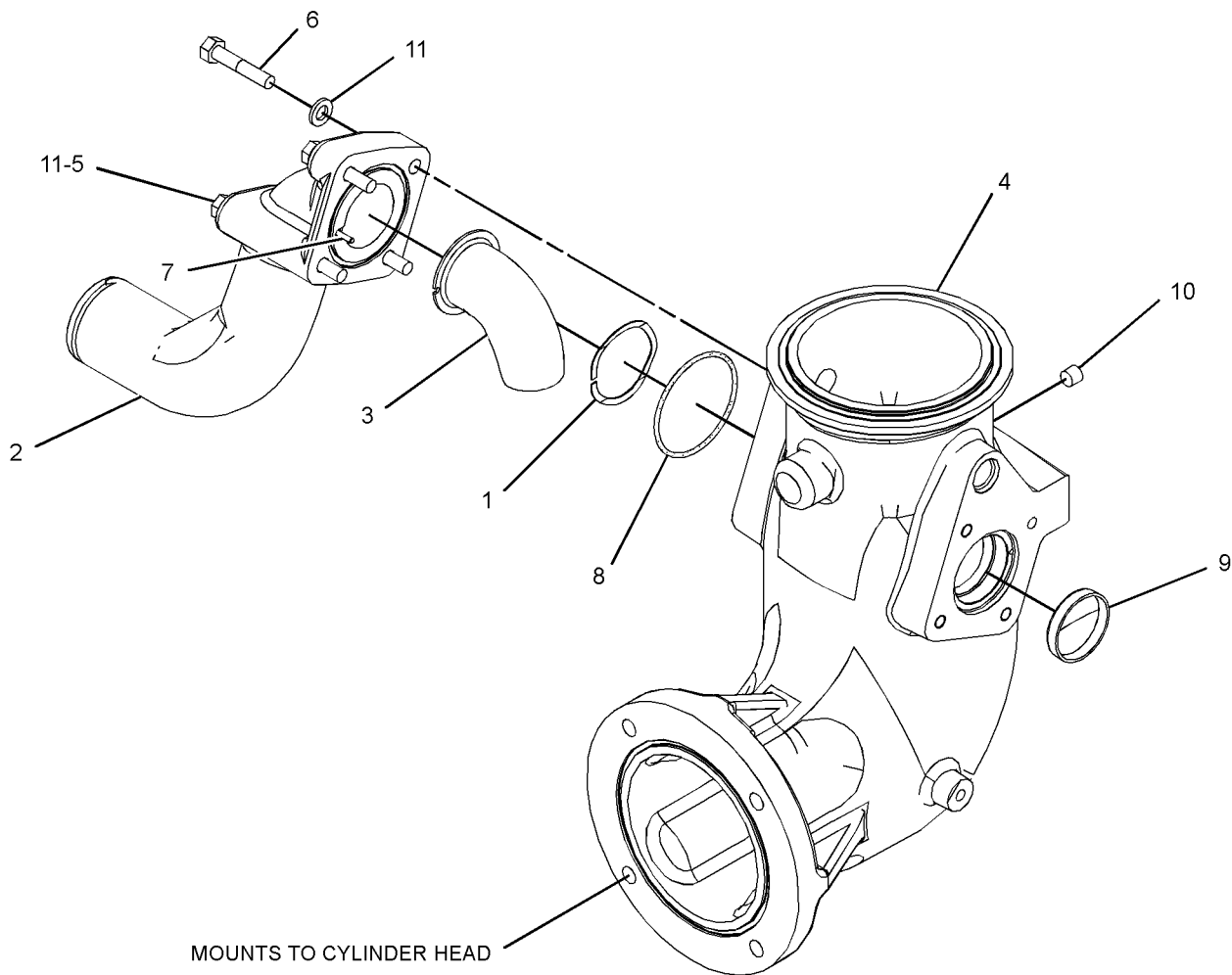
S/N: L4X1-UP

PART OF 340-7247 ELBOW & MTG GP-AIR INLET

SMCS-1087

i04038217

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	340-7220	1	RING						
	2	1	340-7249	1	TUBE-AIR INLET						
	3	1	347-9478	1	TUBE						
	4	1	352-4918	1	ELBOW-AIR INLET						
	5	1	1F-4111	2	BOLT (5/16-18X3.5-IN)						
	6	1	1H-5514	2	BOLT (5/16-18X1.625-IN)						
	7	1	1W-6448	1	DOWEL						
	8	1	5P-5756	1	SEAL-O-RING						
	9	1	5S-0385	1	PLUG-CUP						
	10	1	8T-6757	1	PLUG-PIPE						
	11	1	9M-1974	4	WASHER-HARD (8.8X16X2-MM THK)						



GRAPHIC #1

<END>

g02199674

AIR INLET AND EXHAUST SYSTEM

161-2173 ELBOW GP-EXHAUST

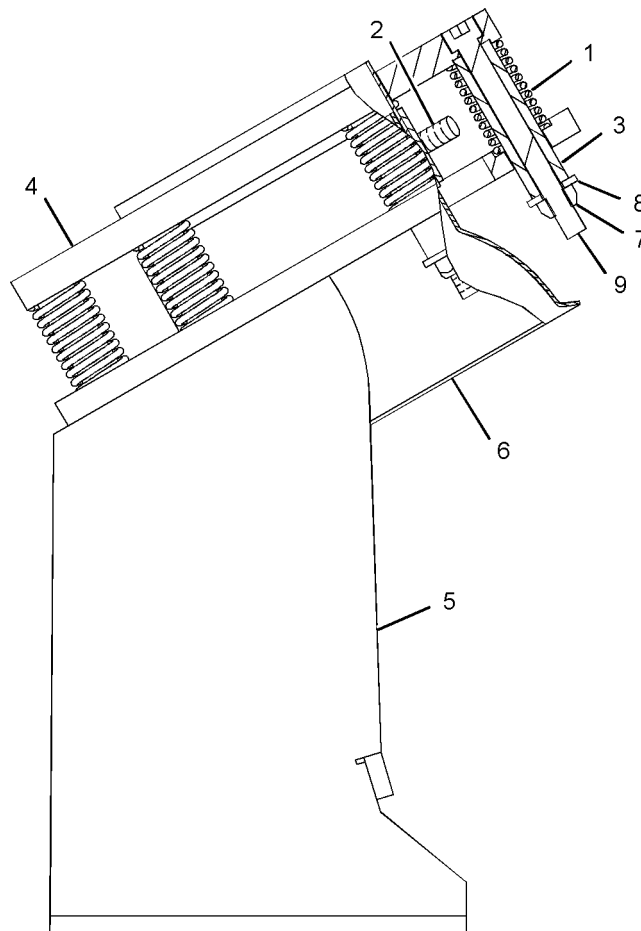
S/N: T4R1-UP

PART OF 152-7076 PIPE GP-EXHAUST
AN ATTACHMENT

SMCS-1061

i03668280

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2V-7248	6	SPRING						
	2	1	7E-6455	1	CLAMP						
	3	1	7U-6645	6	PIN						
	4	1	106-1767	1	PLATE AS						
	5	1	151-5555	1	MOUNTING AS						
	6	1	187-1919	1	CONNECTOR						
M	7	1	6V-7744	6	LOCKNUT (M10X1.5-THD)						
	8	1	7X-7729	6	WASHER (11X25X3-MM THK)						
M	9	1	108-4282	6	BOLT-SOCKET HEAD (M10X1.5X100-MM)						
M-METRIC PART											



RIGHT SIDE VIEW
<END>

GRAPHIC #1

g01068341

AIR INLET AND EXHAUST SYSTEM

358-3649 FILTER GP-DIESEL PARTICULATE

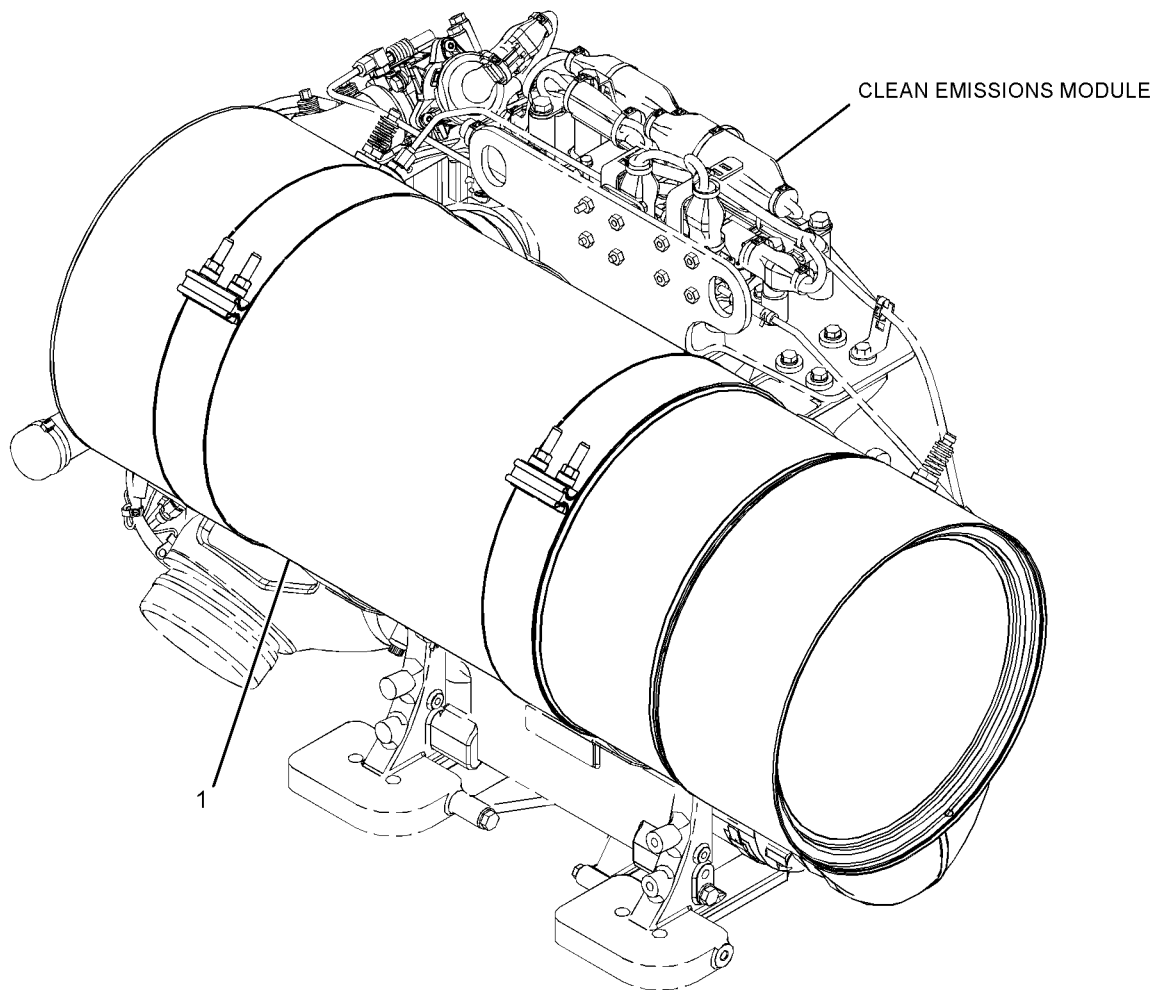
S/N: T4R1-UP

PART OF 362-8784 MODULE AR-CLEAN EMISSIONS

SMCS-108F, 1091

i04217690

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	362-9530	1	FILTER GP-DIESEL PARTICULATE						144
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g02416737

AIR INLET AND EXHAUST SYSTEM

362-9530 FILTER GP-DIESEL PARTICULATE

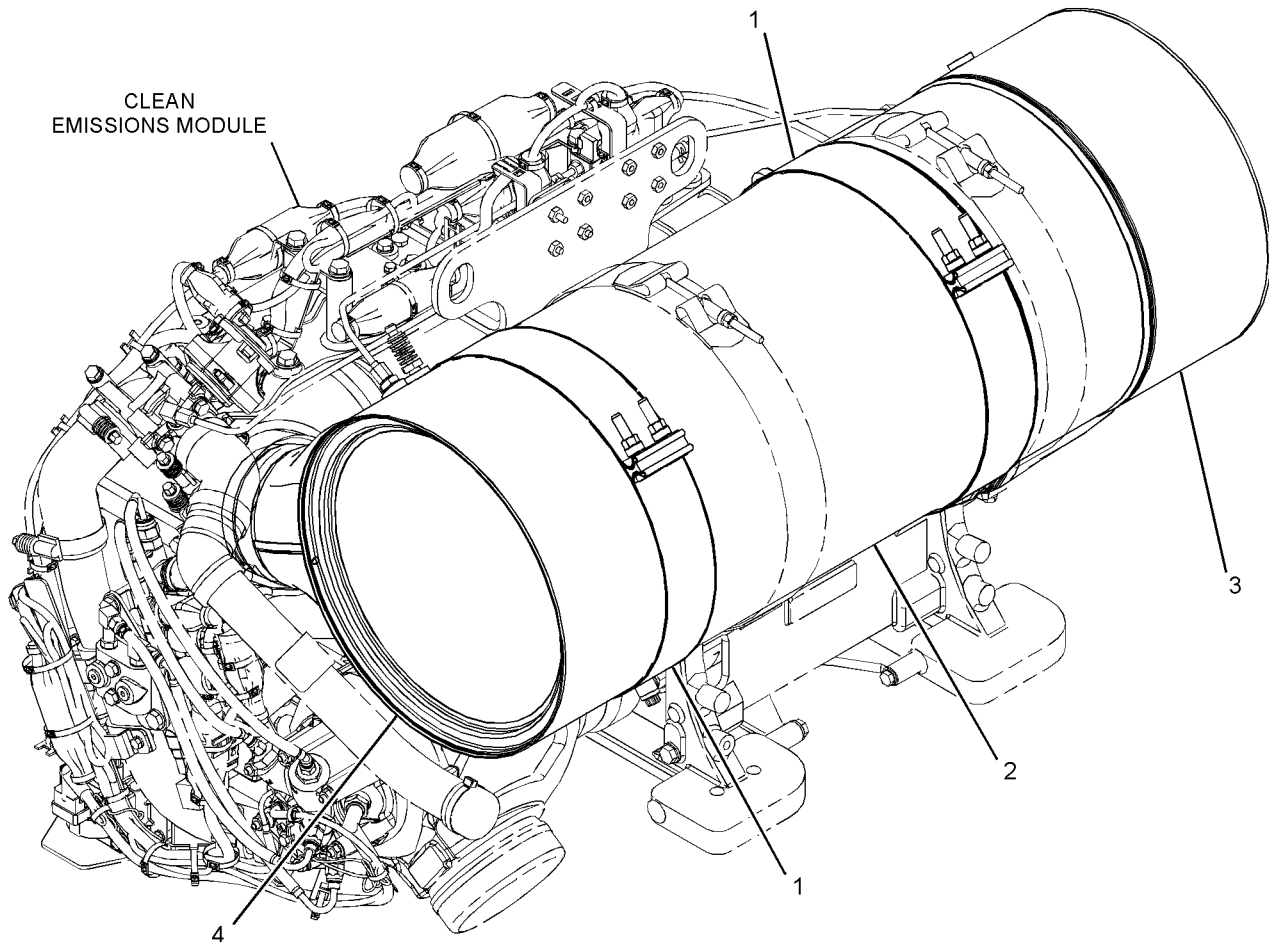
S/N: T4R1-UP

PART OF 358-3649 FILTER GP-DIESEL PARTICULATE

SMCS-108F, 1091

i04217671

NOTE	REF NO	GRAPHIC REF	PART NUMBER		QTY	PART NAME						SEE PAGE	
						1	2	3	4	5	6 (PRODUCT LEVEL)		
	1	1	345-1839		2	CLAMP							
J	2	1	358-3668		1	FILTER AS-DIESEL PARTICULATE							
N	3	1	362-9468		1	MODULE AS-INLET							
T	4	1	362-9531		1	MODULE AS-OUTLET							
						AVAILABLE REPAIR KIT(S):							
J			358-3669		1	KIT-FILTER-DIESEL PTCLT							
						(ALSO INCLUDES CLAMPS)							
N			362-9469		1	KIT-MODULE-INLET							
						(ALSO INCLUDES CLAMPS)							
T			362-9532		1	KIT-MODULE-OUTLET							
						(ALSO INCLUDES CLAMPS)							
J-KIT	MARKED	J	SERVICES	PART	MARKED	J							
N-KIT	MARKED	M	SERVICES	PART	MARKED	N							
T-KIT	MARKED	T	SERVICES	PART	MARKED	T							



GRAPHIC #1

<END>

g02418336

AIR INLET AND EXHAUST SYSTEM

365-4760 FRAME GP-MOUNTING-EXHAUST

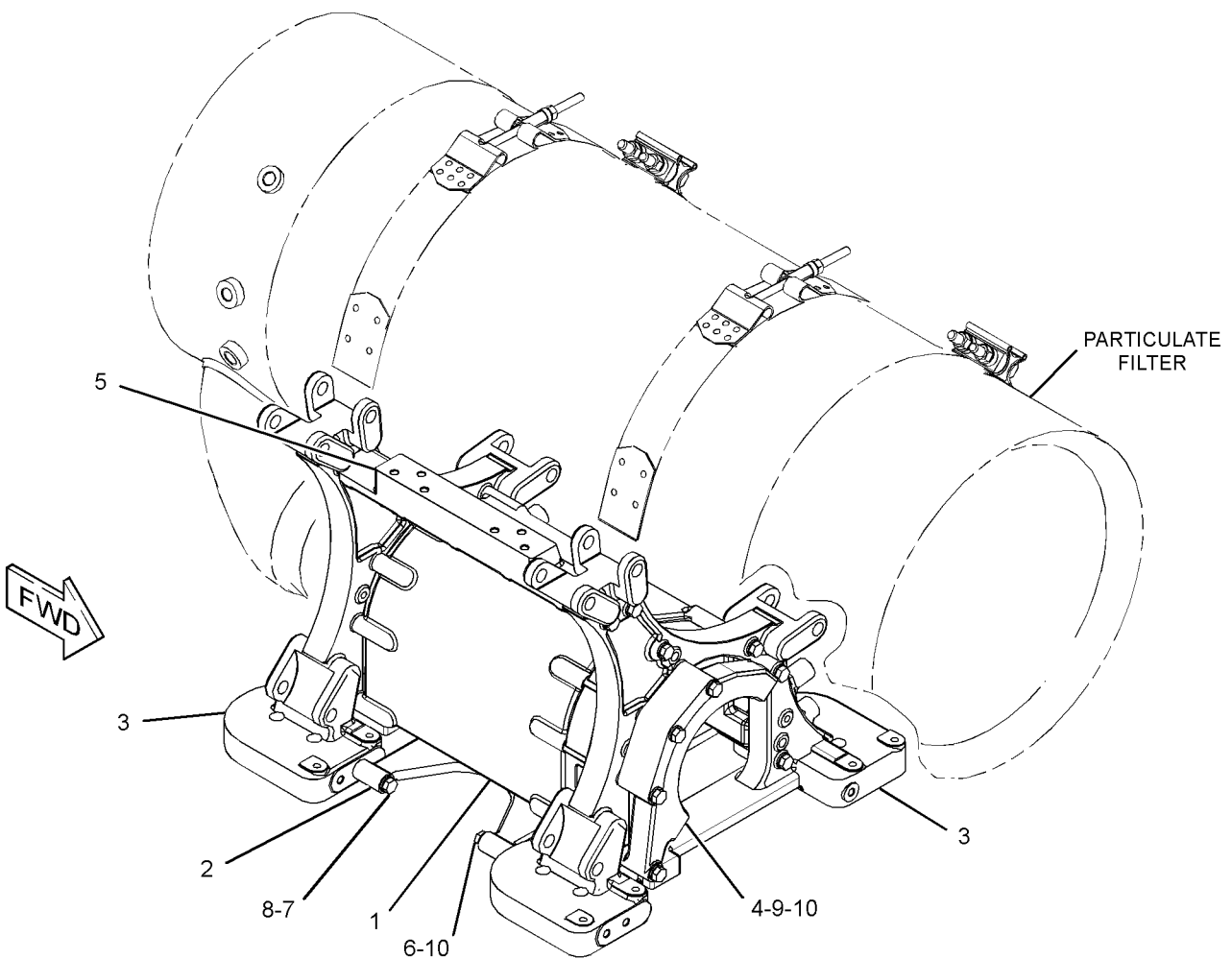
S/N: T4R1-UP

PART OF 362-8784 MODULE AR-CLEAN EMISSIONS

SMCS-7050

i04273010

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	354-3368	1	BRACKET						
	2	1	358-2309	1	BRACKET						
	3	1	364-0892	2	BRACKET						
	4	1	365-4759	1	BRACKET						
	5	1	365-9482	1	BRACKET AS						
		1	6V-3538	4	DOWEL						
	6	1	276-1326	18	BOLT (M10X1.5X55-MM)						
M	7	1	305-5385	2	BOLT (M8X1.25X50-MM)						
	8	1	311-8366	2	WASHER-HARD (8.8X16X2-MM THK)						
	9	1	344-1191	4	BOLT (M10X1.5X100-MM)						
	10	1	344-1199	22	WASHER-HARD (11X21X2.5-MM THK)						
M-METRIC PART											



GRAPHIC #1

<END>

g02414856

AIR INLET AND EXHAUST SYSTEM

364-0152 KIT-EXHAUST PARTS

S/N: T4R1-UP
FIELD INSTALLATION

SMCS-1061

i04087510

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	343-9018	1	BELLOWS AS						
	034-1432	2	STRAP - CABLE						
	264-5779	1	CLAMP AS (V-BAND)						
	346-0335	2	CLAMP - BAND						
	344-8291	1	TUBE - EXHAUST						
	344-8292	1	TUBE - EXHAUST						
<END>									

AIR INLET AND EXHAUST SYSTEM

126-0081 LINES GP-AIR-TURBOCHARGER OUTLET

S/N: TXL1-UP; L4X1-UP

90 DEGREE OUTLET ELBOW

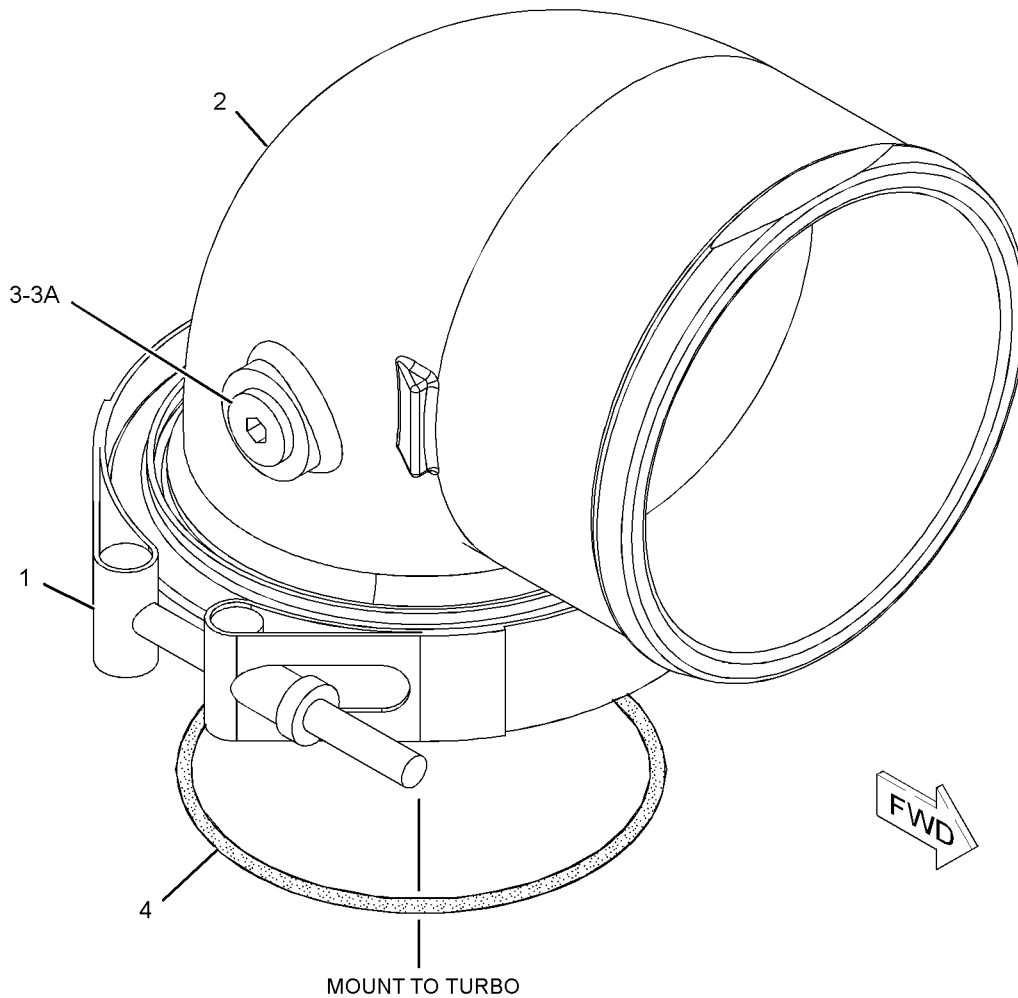
PART OF 365-3722 ENGINE AR-COMPLETE

SMCS-1071

i03887110

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-V BAND						
C	2	1	217-8946	1	ELBOW						
C	3	1	307-2671	1	PLUG AS						
	3A	1	214-7566	1	SEAL-O-RING						
		1	9S-8002	1	PLUG-O-RING						
	4	1	8C-3089	1	SEAL-O-RING						

C-CHANGE FROM PREVIOUS TYPE



GRAPHIC #1

<END>

g01154678

AIR INLET AND EXHAUST SYSTEM

291-8912 LINES GP-AIR-TURBOCHARGER

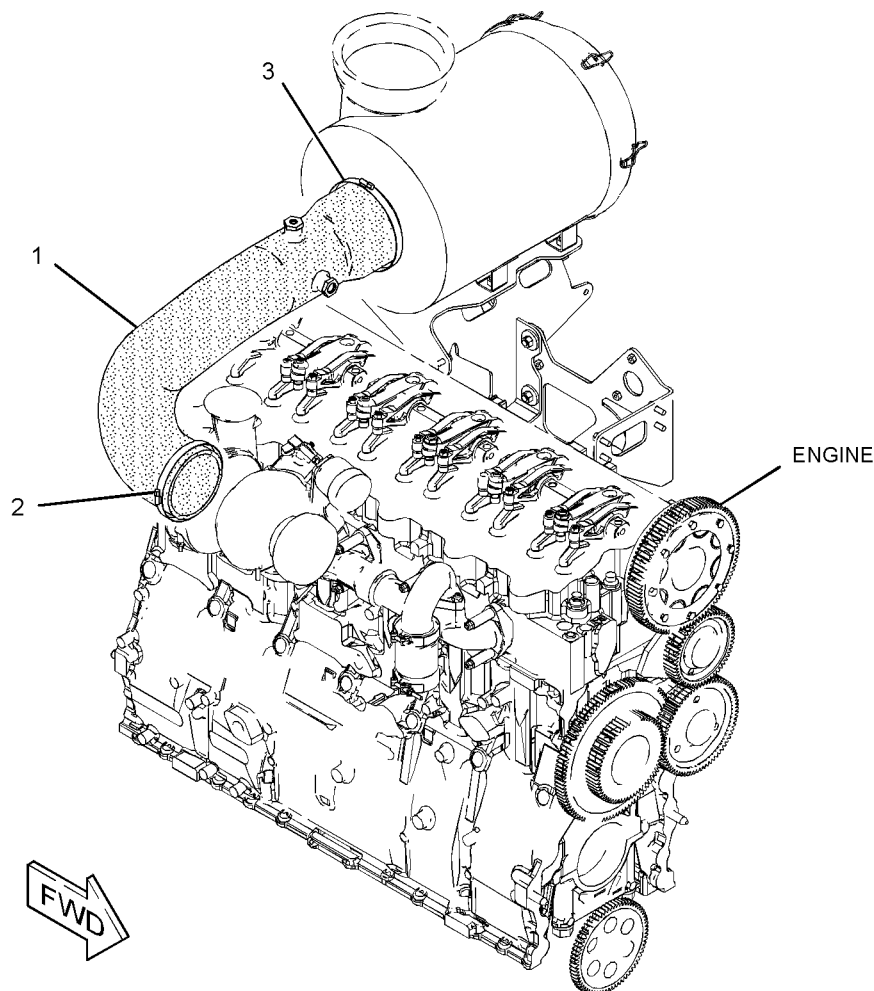
S/N: T4R1-UP

PART OF 291-8722 POWER TRAIN AR

SMCS-1071

i04169683

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	368-5919	1	HOSE AS						
	2	1	8T-4987	1	CLAMP - HOSE						
	3	1	8T-4988	1	CLAMP - HOSE						



GRAPHIC #1

<END>

g02412097

AIR INLET AND EXHAUST SYSTEM

291-8915 LINES GP-AIR-AFTERCOOLER

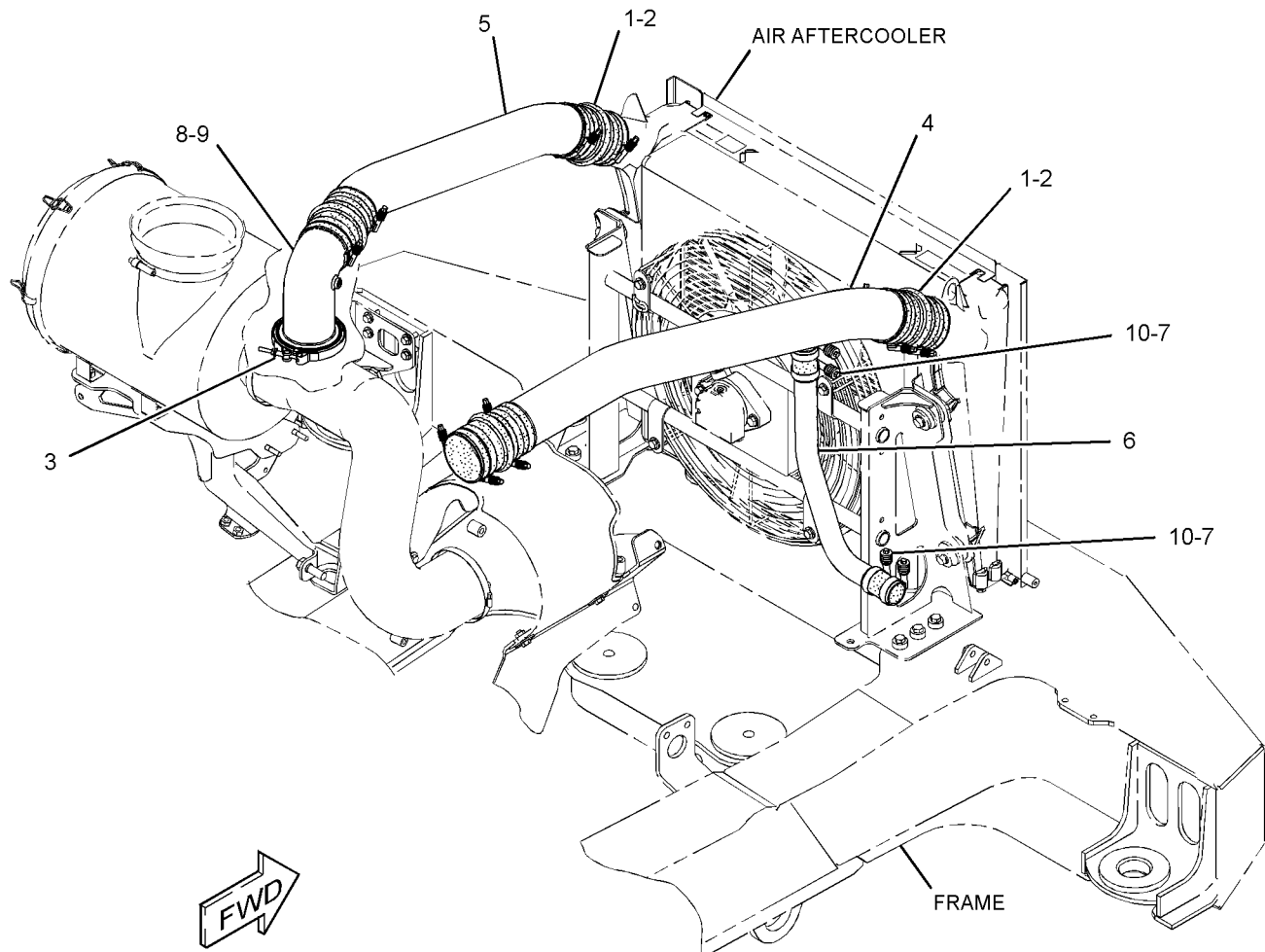
S/N: T4R1-UP

PART OF 291-8722 POWER TRAIN AR

SMCS-1071

i04169686

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7E-8630	4	HOSE-AIR INLET						
	2	1	9X-2201	16	CLAMP-HOSE						
	3	1	284-0671	1	CLAMP-BAND						
	4	1	334-1427	1	TUBE						
	5	1	334-1428	1	TUBE						
	6	1	335-5184	1	TUBE						
	7	1	338-7007	2	HOSE						
	8	1	353-1632	1	ELBOW-AIR						
	9	1	307-2671	1	PLUG AS						
		1	9S-8002	1	PLUG-O-RING						
		1	214-7566	1	SEAL-O-RING						
10	1	1	8T-4983	4	CLAMP-HOSE						



GRAPHIC #1

<END>

g02410576

AIR INLET AND EXHAUST SYSTEM

339-4954 LINES GP-TURBO BALANCE AIR

S/N: TXL1-UP; L4X1-UP

PART OF 365-3722 ENGINE AR-COMPLETE

FOR USE WITH MIXER ORIENTATION WITH INLET UP, TURBO WITH EXHAUST FORWARD AND
BALANCE VALVE ACTUATOR , WITH PORT IN THE SIDE OF THE CANISTER AND POINTING
DOWNWARD AND INWARD TOWARD THE ENGINE

SMCS-1071

i04261789

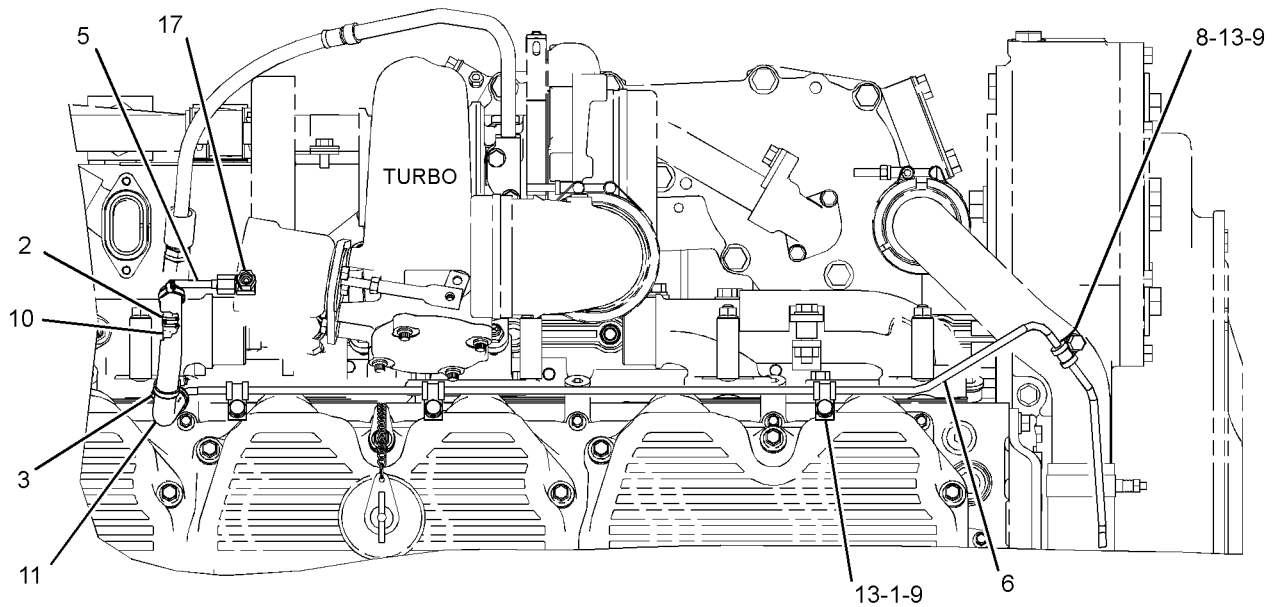
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	126-1756	3	BOLT-LOCKING (5/16-18X0.875-IN)						
	2	1	317-7012	2	CLAMP-BAND						
	3	1	290-1993	3	STRAP-CABLE						
	4	1	351-2607	1	HOSE AS						
	5	1	351-2844	1	TUBE AS-AIR						
	6	1	351-2845	1	TUBE AS-AIR						
	7	1	353-5117	1	ADAPTER AS						
		1	030-8193	1	CONNECTOR						
		1	238-5080	1	SEAL-O-RING						
	8	1	0S-1617	1	BOLT (5/16-18X0.75-IN)						
	9	1	9M-1974	5	WASHER-HARD (8.8X16X2-MM THK)						
E	10	1	337-4178		HOSE (17-CM)						
E	11	1	330-4374		SLEEVE (20-CM)						
	12	1	2H-3755	2	BOLT (5/16-18X0.43-IN)						
	13	1	345-3350	5	CLIP						
	14	1	3E-4352	1	WASHER-HARD (8.8X20.5X2.5-MM THK)						
	15	1	343-8121	1	CONNECTOR AS						
		1	3J-7352	1	CONNECTOR						
		1	214-7566	1	SEAL-O-RING						
	16	1	4H-8878	1	CLIP						
	17	1	7K-9197	1	ELBOW						
	18	1	353-5116	1	ADAPTER AS						
		1	9L-8868	1	ELBOW						
		1	214-7567	1	SEAL-O-RING						

E-ORDER BY THE CENTIMETER

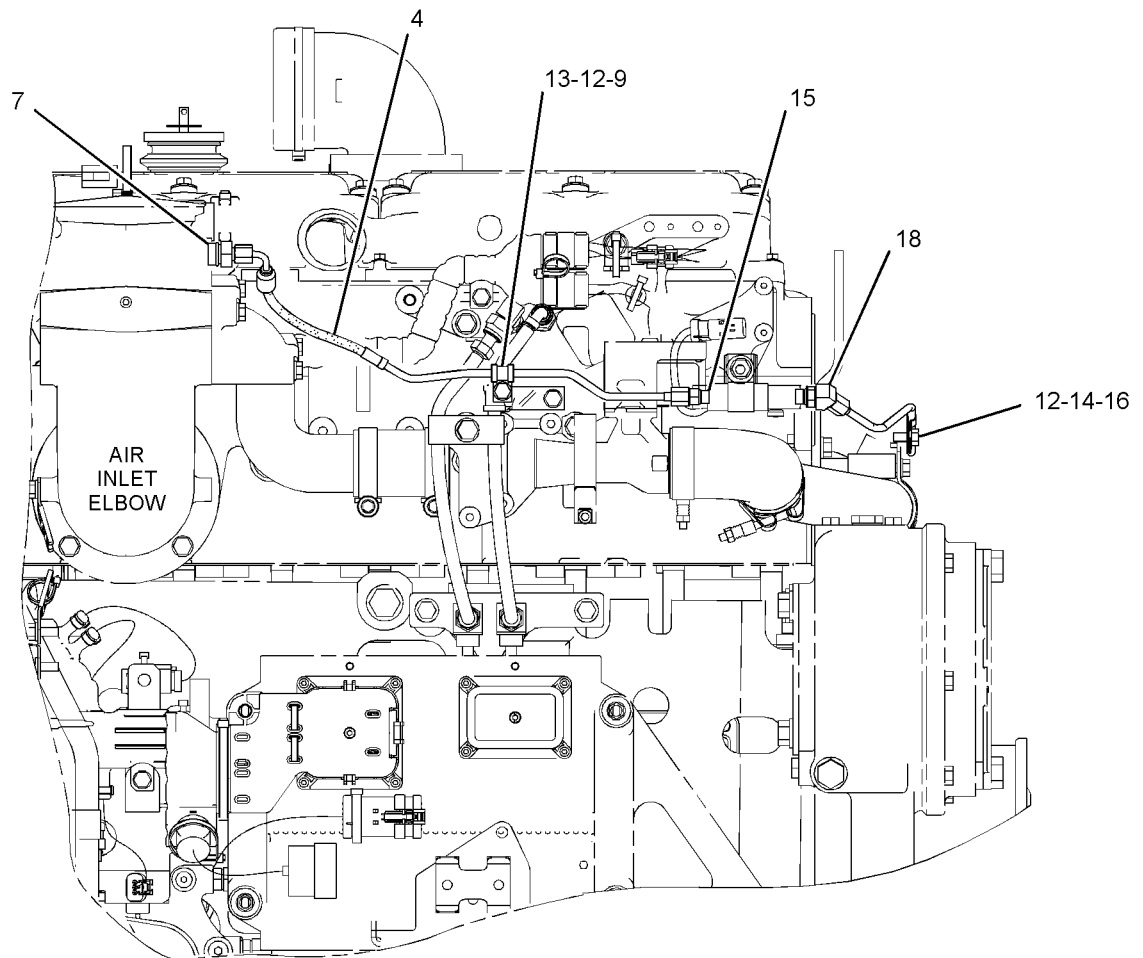
AIR INLET AND EXHAUST SYSTEM

339-4954 LINES GP-TURBO BALANCE AIR (contd.)

i04261789



TOP VIEW OF ENGINE



LEFT SIDE VIEW OF ENGINE

GRAPHIC #1

<END>

g02434821

AIR INLET AND EXHAUST SYSTEM

343-0624 LINES GP-AIR

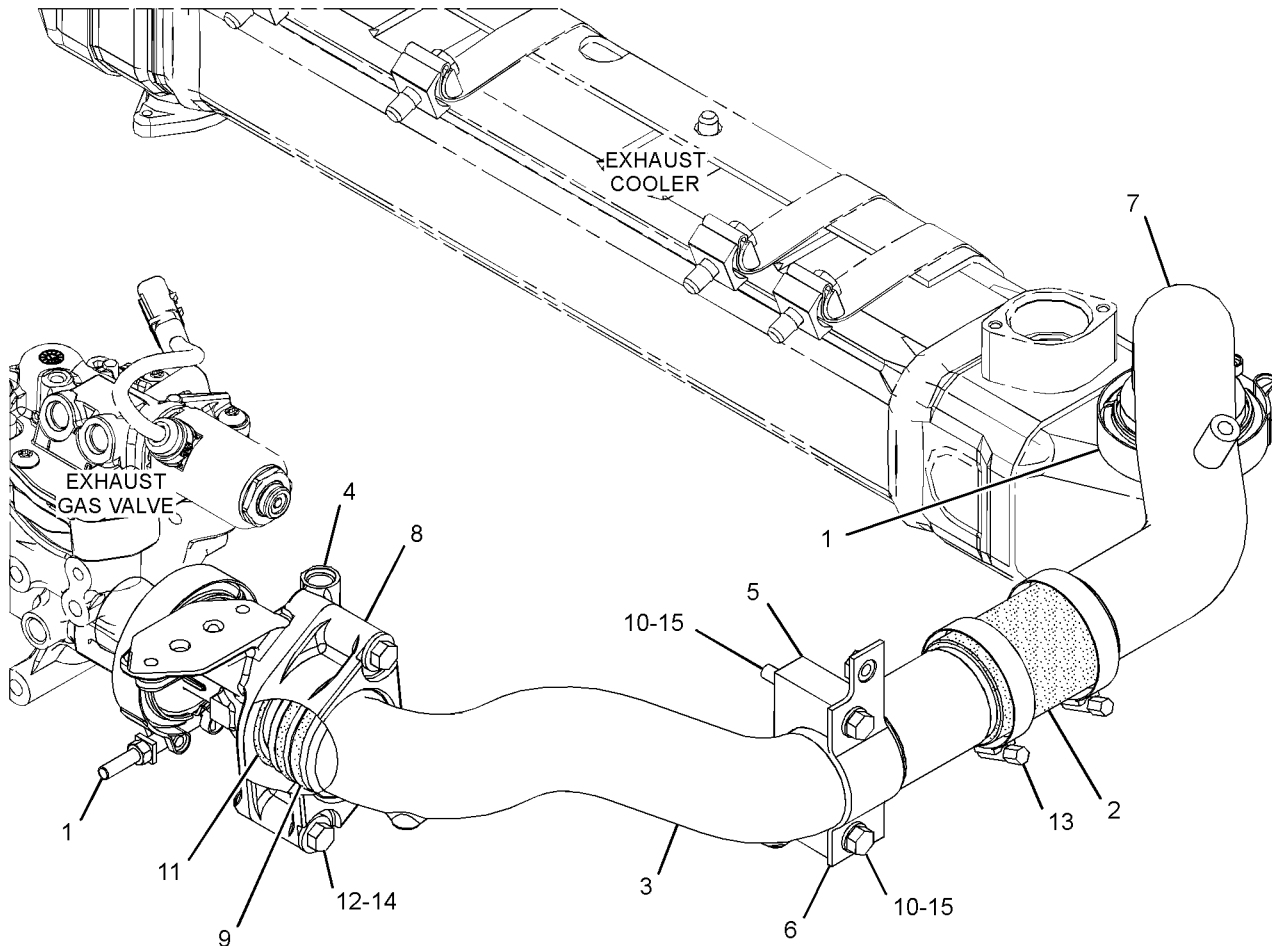
S/N: TXL1-UP; L4X1-UP

PART OF 345-4408 ENGINE AR-CORE

SMCS-1071

i03958673

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9N-5085	2	CLAMP						
	2	1	328-7546	1	HOSE						
	3	1	340-7241	1	TUBE-AIR						
	4	1	353-7174	1	TUBE						
	5	1	343-0626	1	SUPPORT						
	6	1	343-0627	1	CLAMP						
	7	1	343-0630	1	TUBE AS-AIR						
	8	1	346-6082	1	FLANGE						
	9	1	113-5304	2	SEAL-O-RING						
	10	1	1D-4539	2	BOLT (5/16-18X2.5-IN)						
	11	1	272-2583	1	SEAL-O-RING						
	12	1	2B-2694	2	BOLT (5/16-18X2-IN)						
	13	1	314-7599	2	CLAMP-BAND						
	14	1	3E-4352	2	WASHER-HARD (8.8X20.5X2.5-MM THK)						
	15	1	9M-1974	2	WASHER-HARD (8.8X16X2-MM THK)						



GRAPHIC #1

<END>

g02088513

AIR INLET AND EXHAUST SYSTEM

343-3836 LINES GP-AIR-ARD COMBUSTION

S/N: T4R1-UP

PART OF 362-8784 MODULE AR-CLEAN EMISSIONS

SMCS-1071

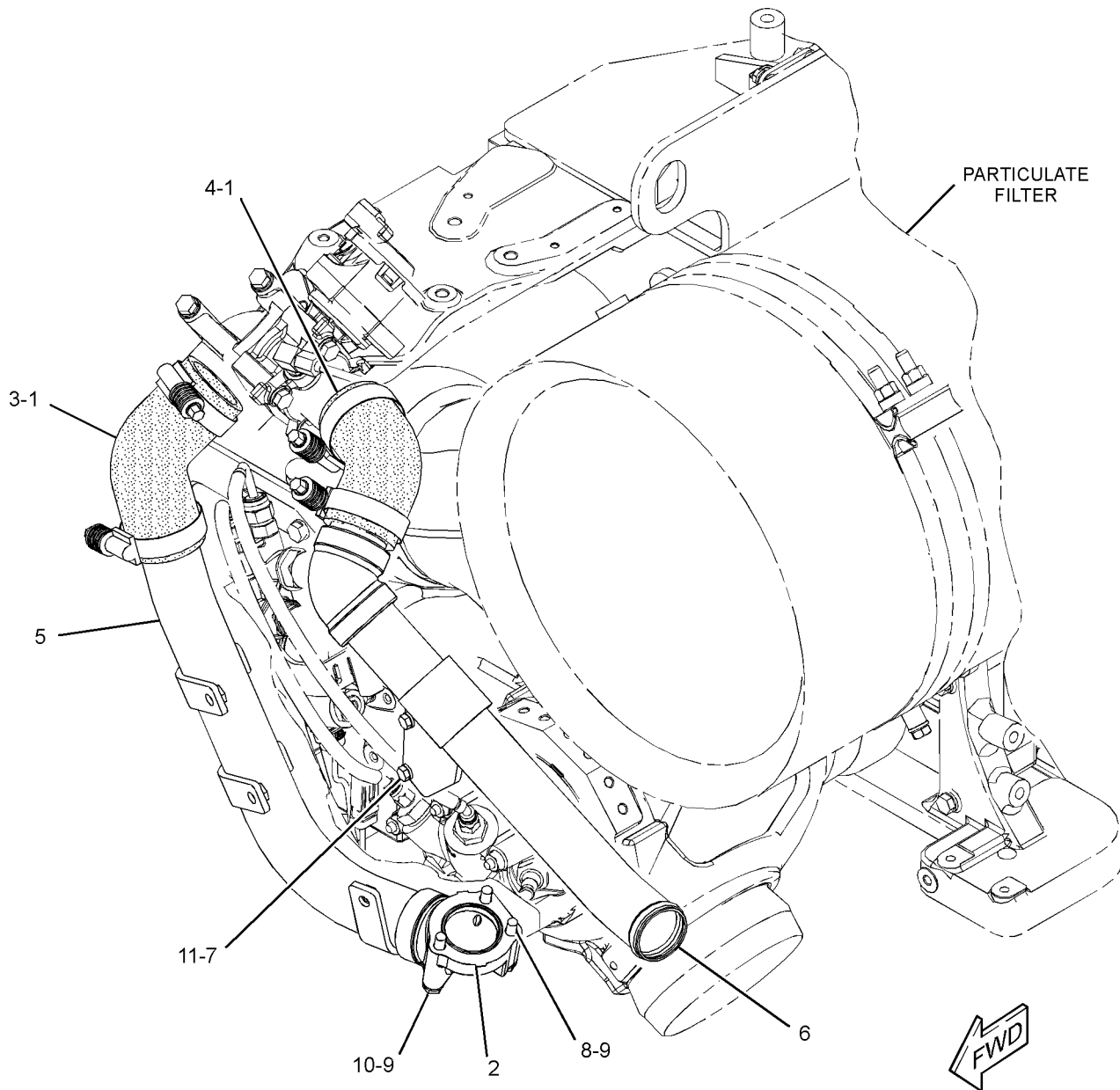
i04171554

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8T-6703	4	CLAMP -HOSE						
	2	1	329-6729	1	GASKET						
	3	1	334-3958	1	HOSE -AIR						
	4	1	335-6124	1	HOSE -AIR						
	5	1	351-9983	1	TUBE AS						
	6	1	343-3848	1	TUBE AS-AIR						
	7	1	344-1200	2	WASHER-HARD (6.6X12X2-MM THK)						
M	8	1	305-5385	1	BOLT (M8X1.25X50-MM)						
	9	1	311-8366	3	WASHER-HARD (8.8X16X2-MM THK)						
	10	1	265-3253	2	BOLT (M8X1.25X60-MM)						
M	11	1	344-1206	2	BOLT (M6X1X16-MM)						
M-METRIC PART											

AIR INLET AND EXHAUST SYSTEM

343-3836 LINES GP-AIR (contd.)

i04171554



GRAPHIC #1

<END>

g02407503

AIR INLET AND EXHAUST SYSTEM

345-4156 LINES GP-COOLING

S/N: T4R1-UP

PART OF 291-8722 POWER TRAIN AR

SMCS-1087, 1380

i04171558

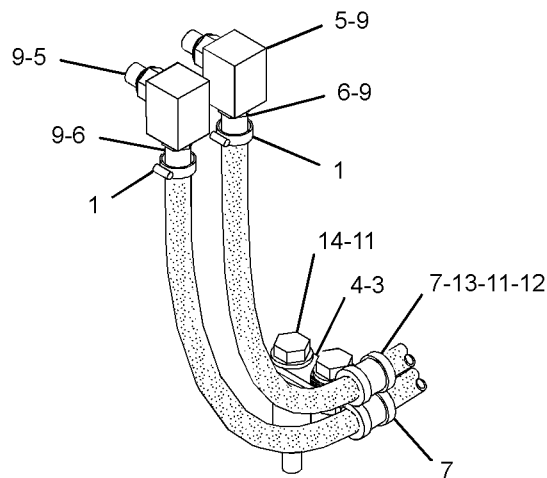
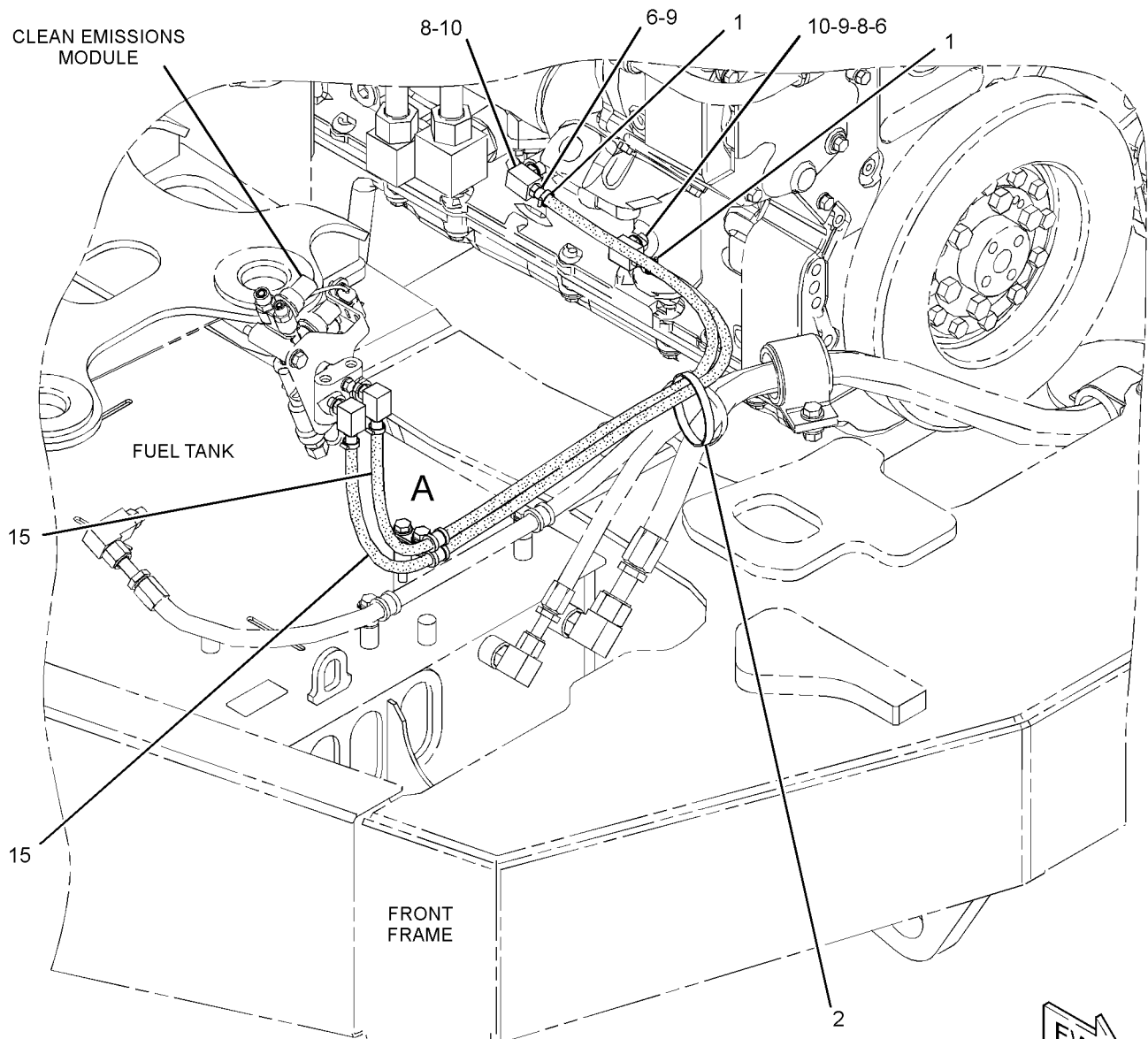
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	1P-4278	4	CLAMP-HOSE	
	2	1	6U-0456	1	STRAP	
	3	1	141-3983	1	SPACER (11X19X48-MM THK)	
	4	1	224-2335	1	PLATE	
	5	1	151-5145	2	ELBOW	
	6	1	310-5893	4	CONNECTOR	
	7	1	3U-2752	2	CLIP	
	8	1	6V-3250	2	SEAL-O-RING	
	9	1	6V-9027	6	SEAL-O-RING	
	10	1	8C-6712	2	ELBOW	
	11	1	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)	
M	12	1	8T-4133	1	NUT (M10X1.5-THD)	
M	13	1	8T-4136	1	BOLT (M10X1.5X25-MM)	
M	14	1	8T-5005	1	BOLT (M10X1.5X70-MM)	
E	15	1	332-7785		HOSE (110-CM EACH)	

E-ORDER BY THE CENTIMETER
M-METRIC PART

AIR INLET AND EXHAUST SYSTEM

345-4156 LINES GP-COOLING (contd.)

i04171558



VIEW OF AREA A

<END>

GRAPHIC #1

g02404798

AIR INLET AND EXHAUST SYSTEM

350-3001 LINES GP-COOLING

S/N: T4R1-UP

PART OF 291-8791 HYDRAULIC AR

SMCS-1087, 1380

i04278891

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	7U-9542	1	PLATE-CLAMPING	
M	2	2	118-9573	24	BOLT-12 POINT HEAD (M10X1.5X35-MM)	
I	3	2	166-9373	1	HOSE AS	
	4	2	192-8687	1	TUBE AS	
	5	2	192-8688	1	TUBE AS	
	6	2	194-5013	1	PLATE AS	
	7	2	194-8472	1	PLATE AS	
					(EACH PLATE AS INCLUDES)	
M		2	8T-3490	2	NUT-WELD (M10X1.5-THD)	
I	8	2	199-4150	1	HOSE AS	
	9	1	344-7623	1	BRACKET AS	
		1	7T-1099	2	LINK	
	10	2	349-2879	1	TUBE AS	
	11	2	349-4660	1	MANIFOLD	
I	12	2	350-5649	1	HOSE AS	
	13	2	351-3151	1	TUBE AS	
	14	2	351-3152	1	TUBE AS	
	15	2	354-5629	1	TUBE AS	
I	16	2	355-0105	1	HOSE AS	
I	17	2	355-3467	1	HOSE AS	
	18	2	356-6014	1	TUBE AS	
I	19	2	358-9365	1	HOSE AS	
	20	2	359-6078	1	BRACKET	
	21	2	359-6079	1	TUBE AS	
	22	2	367-3310	1	TUBE AS	
	23	2	148-8411	1	PLUG AS	
		2	3K-0360	1	SEAL-O-RING	
		2	9S-4185	1	PLUG-O-RING	
	24	2	1P-3705	1	SEAL-RECTANGULAR	
	25	2	1P-4579	18	FLANGE-HALF	
	26	2	1P-4582	12	FLANGE-HALF	
	27	2	208-2984	1	PLUG AS	
		2	5P-7684	1	PLUG	
		2	6K-6307	1	SEAL-O-RING	
	28	2	4J-0520	6	SEAL-O-RING	
	29	2	4J-0524	9	SEAL-O-RING	
	30	2	4J-0527	6	SEAL-O-RING	
	31	1,2	5P-7468	5	CLIP (SLOT)	
	32	1,2	5P-7469	5	CLIP (TAB)	
	33	2	5P-7470	1	CLIP (SLOT)	
	34	2	5P-7471	1	CLIP (TAB)	
	35	2	5P-7703	1	GROMMET	
	36	2	6V-5039	1	CLIP (SLOT)	
	37	2	6V-5040	1	CLIP (TAB)	
	38	2	7S-8920	4	CLIP (SLOT)	
	39	2	7S-8921	4	CLIP (TAB)	
M	40	2	7X-2544	1	BOLT (M10X1.5X104-MM)	
	41	2	8C-3206	12	FLANGE-HALF	
	42	2	8T-1889	2	CLIP (SLOT)	
	43	2	8T-1890	2	CLIP (TAB)	
	44	2	8T-4121	7	WASHER-HARD (11X21X2.5-MM THK)	
M	45	1,2	8T-4139	8	BOLT (M12X1.75X30-MM)	
M	46	1,2	8T-4183	15	BOLT (M12X1.75X40-MM)	
M	47	1,2	8T-4184	38	BOLT (M12X1.75X45-MM)	
M	48	2	8T-4195	4	BOLT (M10X1.5X30-MM)	
	49	1,2	8T-4223	93	WASHER-HARD (13.5X25.5X3-MM THK)	

AIR INLET AND EXHAUST SYSTEM

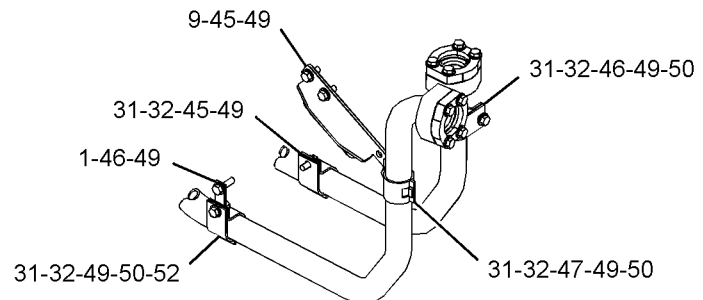
350-3001 LINES GP-COOLING (contd.)

i04278891

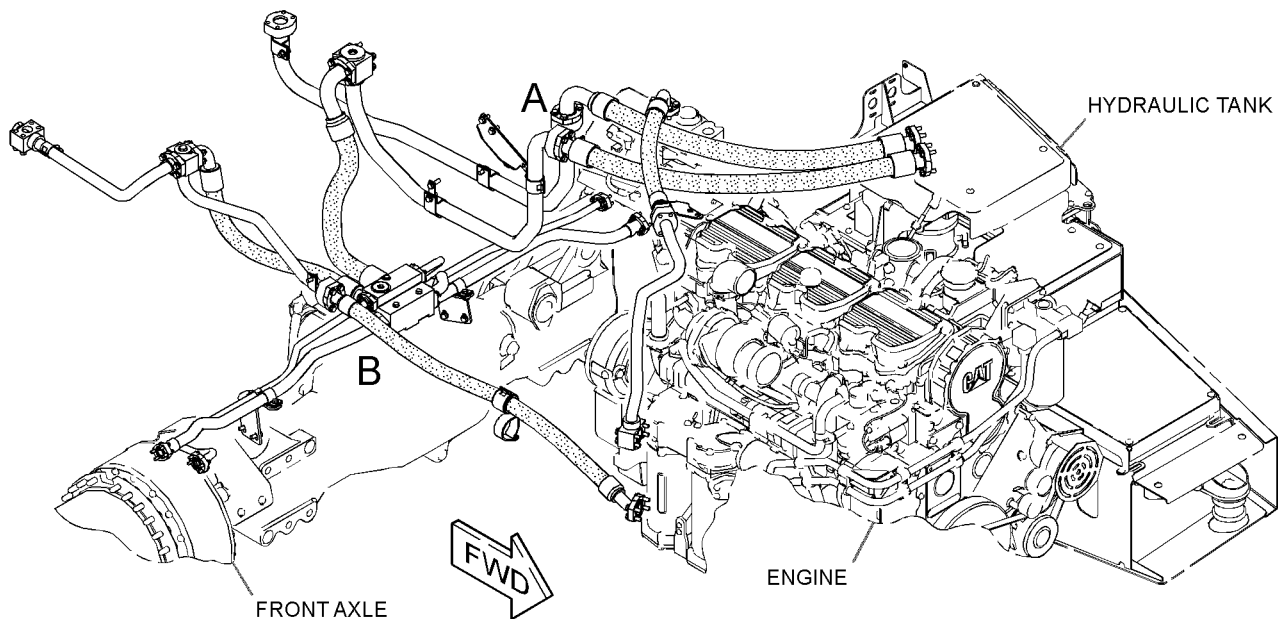
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	50	1, 2	8T-4244	18	NUT (M12X1.75-THD)						
	51	2	8T-4896	24	WASHER-HARD (10.2X18.5X2.5-MM THK)						
M	52	1, 2	8T-4956	2	BOLT (M12X1.75X35-MM)						
M	53	2	8T-5001	7	BOLT (M12X1.75X130-MM)						
M	54	2	8T-5092	1	BOLT (M12X1.75X150-MM)						
M	55	2	8T-6685	2	BOLT (M10X1.5X110-MM)						
M	56	2	8T-6868	4	BOLT (M12X1.75X80-MM)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



VIEW OF AREA A
(PARTS REMOVED FOR CLARITY)



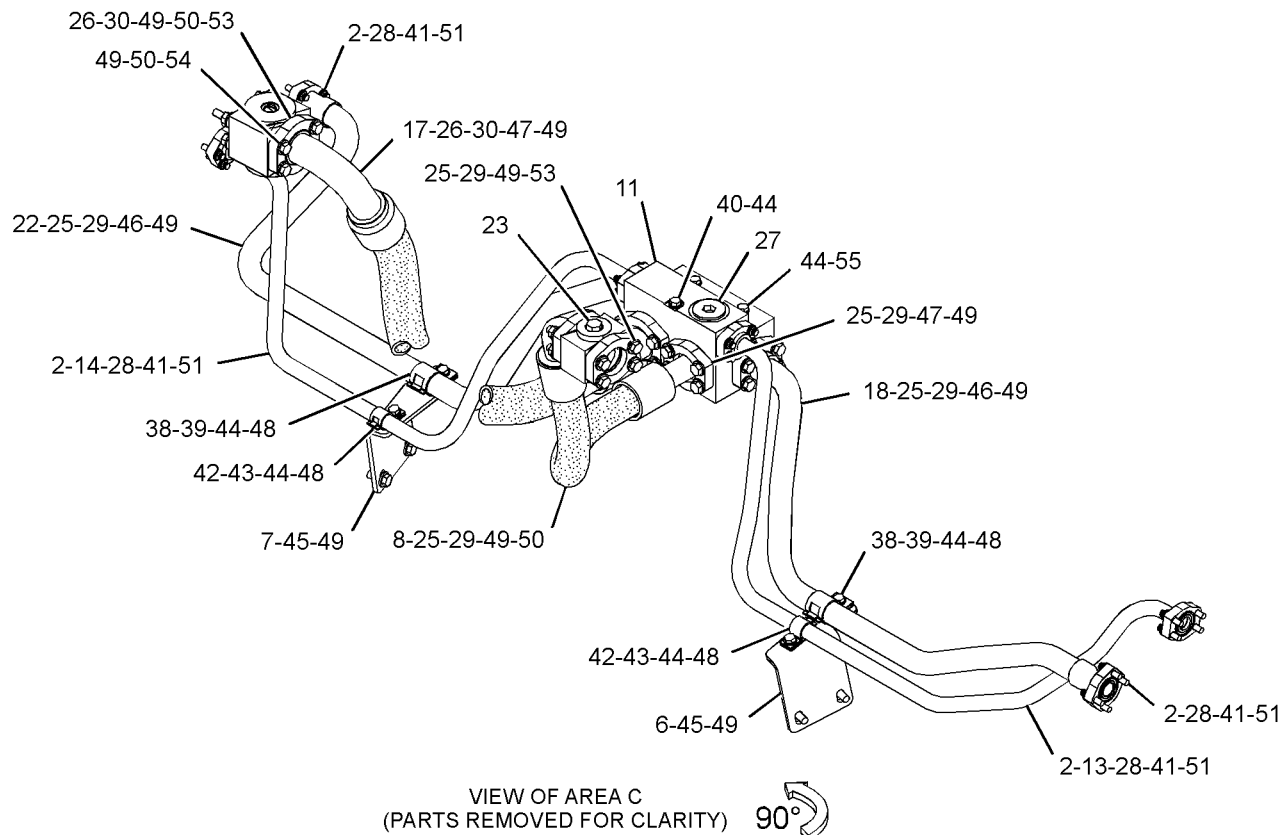
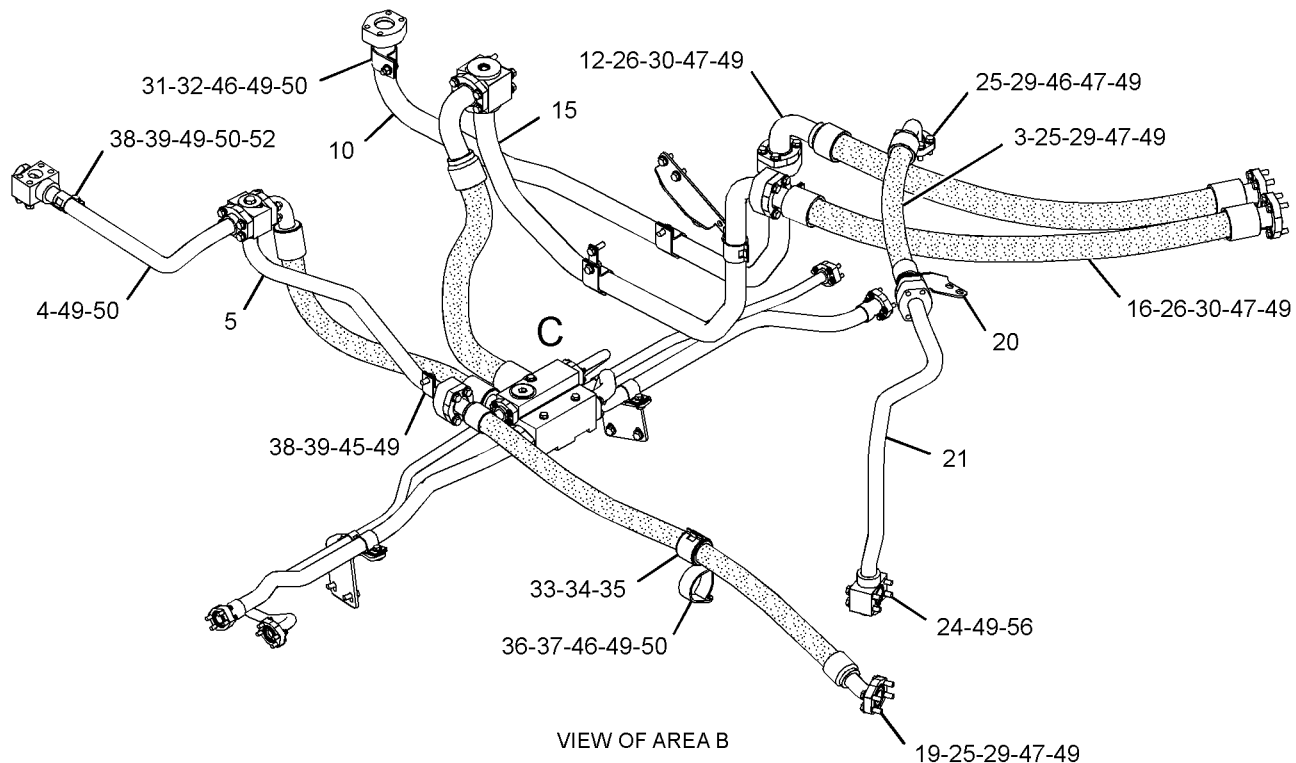
GRAPHIC #1

g02391218

AIR INLET AND EXHAUST SYSTEM

350-3001 LINES GP-COOLING (contd.)

i04278891



GRAPHIC #2

<END>

g02391222

AIR INLET AND EXHAUST SYSTEM

291-8925 LINES GP-EXHAUST

S/N: T4R1-UP

PART OF 291-8722 POWER TRAIN AR

SMCS-1061

i04173573

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	6U-5219	1	U-CLAMP AS	
	2	1	176-8234	1	CLAMP	
	3	1	190-5341	1	CLAMP	
Y	4	1	340-6038	1	LINES GP-EXHAUST	162
	5	1	357-2473	1	PIPE AS	
	6	1	357-2474	1	PIPE AS	
	7	1	357-2475	1	BRACKET AS	
	8	1	5P-4116	4	WASHER-HARD (8.8X20.5X2-MM THK)	
	9	1	6V-8801	2	NUT (3/8-16-THD)	
M	10	1	7X-2537	4	BOLT (M8X1.25X35-MM)	

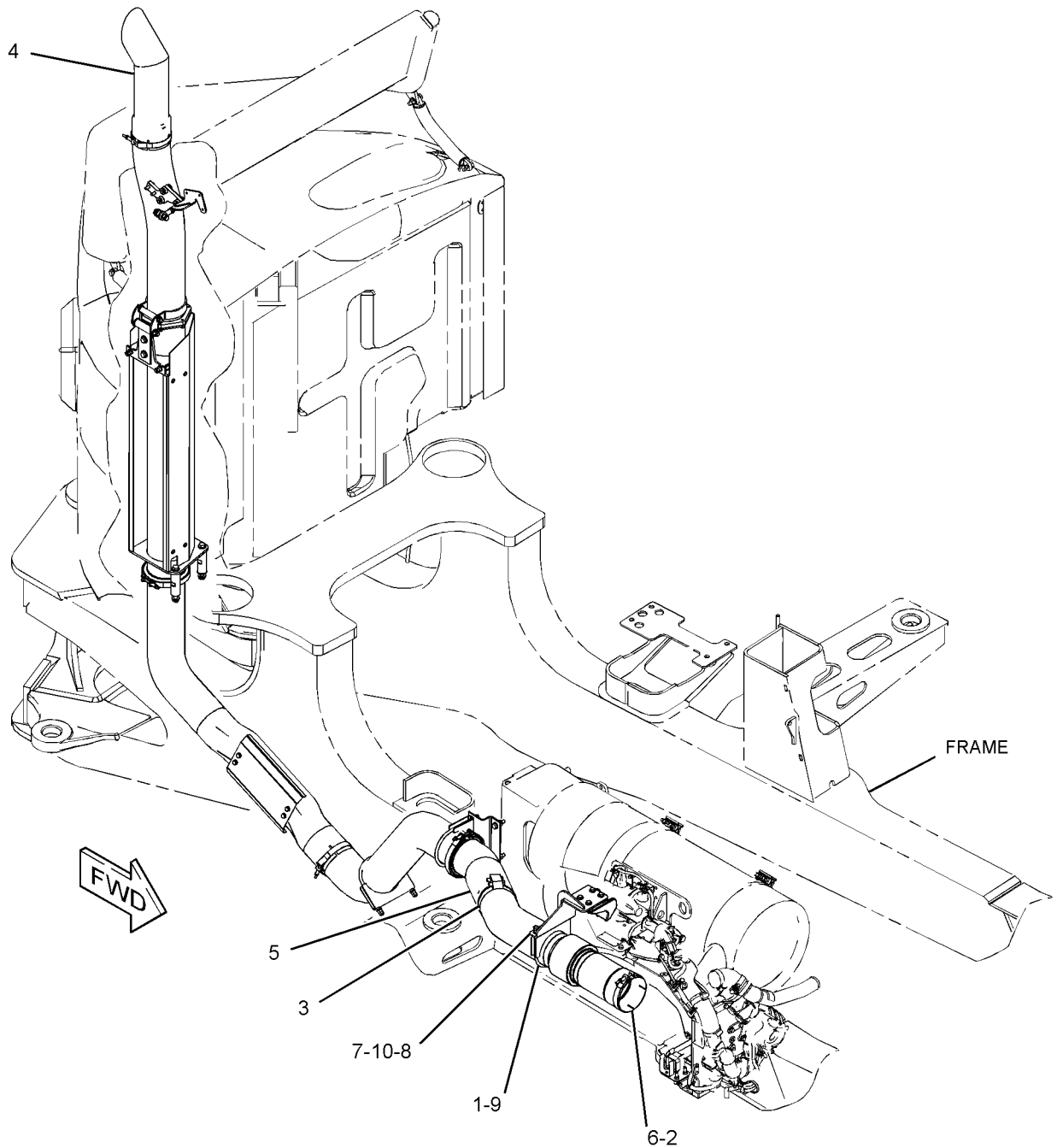
M-METRIC PART

Y-SEPARATE ILLUSTRATION

AIR INLET AND EXHAUST SYSTEM

291-8925 LINES GP-EXHAUST (contd.)

i04173573



GRAPHIC #1

<END>

g02417616

AIR INLET AND EXHAUST SYSTEM

340-6038 LINES GP-EXHAUST

S/N: T4R1-UP

PART OF 291-8925 LINES GP-EXHAUST

SMCS-1061

i04171549

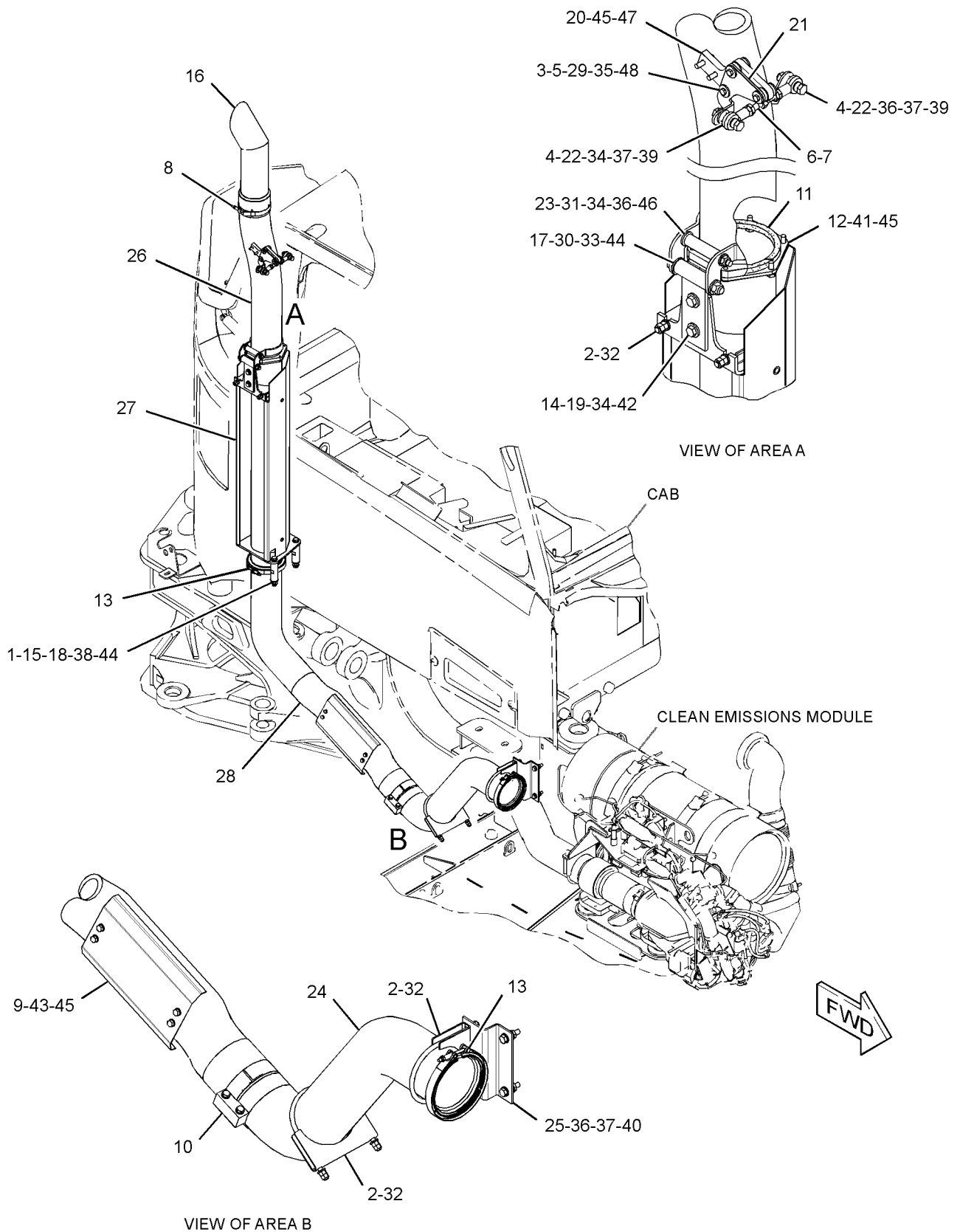
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4B-5272	3	WASHER (12.7X31.7X2-MM THK)						
	2	1	6U-5219	3	U-CLAMP AS						
	3	1	8C-5608	3	SPACER (6.5X9.5X25.4-MM THK)						
	4	1	8T-6431	2	ROD END						
	5	1	9X-9896	6	MOUNT (ISOLATION)						
M	6	1	142-0485	2	NUT (M10X1.5-THD)						
M	7	1	175-9079	1	ROD-LINK						
	8	1	176-8234	1	CLAMP						
	9	1	190-3381	1	SHIELD-EXHAUST						
	10	1	190-5341	1	CLAMP						
	11	1	197-4834	1	SEAL						
	12	1	197-4835	1	PLATE-RETAINER						
	13	1	202-1838	2	CLAMP-V BAND						
	14	1	205-3625	1	PLATE AS						
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)						
	15	1	211-2326	3	BOSS						
	16	1	211-4635	1	PIPE-EXHAUST						
	17	1	226-2659	2	WASHER-BELLEVILLE						
	18	1	249-2844	3	WASHER (12.7X31.7X1-MM THK)						
	19	1	264-3334	1	PLATE AS						
		1	175-4782	1	BOSS						
	20	1	264-6226	1	PLATE-MOUNTING						
	21	1	264-7477	1	PLATE-MOUNTING						
	22	1	264-8816	4	SPACER (10.5X16X8.5-MM THK)						
	23	1	287-0310	1	SPACER (11X20X70-MM THK)						
	24	1	334-7586	1	PIPE						
	25	1	334-9232	1	BRACKET						
	26	1	353-1221	1	PIPE GP-EXHAUST						
		1	353-1222	1	PIPE AS-EXHAUST						
	27	1	353-1223	1	SUPPORT AS						
	28	1	361-9895	1	PIPE AS						
M	29	1	5C-2890	3	NUT (M6X1-THD)						
M	30	1	6V-7687	1	LOCKNUT (M12X1.75-THD)						
M	31	1	6V-7744	1	LOCKNUT (M10X1.5-THD)						
	32	1	6V-8801	6	NUT (3/8-16-THD)						
M	33	1	7X-2550	1	BOLT (M12X1.75X110-MM)						
	34	1	7X-7729	6	WASHER (11X25X3-MM THK)						
M	35	1	8C-8451	3	BOLT (M6X1X40-MM)						
	36	1	8T-4121	7	WASHER-HARD (11X21X2.5-MM THK)						
M	37	1	8T-4133	4	NUT (M10X1.5-THD)						
M	38	1	8T-4184	6	BOLT (M12X1.75X45-MM)						
M	39	1	8T-4185	2	BOLT (M10X1.5X50-MM)						
M	40	1	8T-4186	2	BOLT (M10X1.5X40-MM)						
M	41	1	8T-4189	6	BOLT (M8X1.25X20-MM)						
M	42	1	8T-4195	2	BOLT (M10X1.5X30-MM)						
M	43	1	8T-4199	4	BOLT (M8X1.25X12-MM)						
	44	1	8T-4223	8	WASHER-HARD (13.5X25.5X3-MM THK)						
	45	1	8T-4224	12	WASHER-HARD (8.8X16X2-MM THK)						
M	46	1	8T-6685	1	BOLT (M10X1.5X110-MM)						
M	47	1	8T-7547	2	BOLT (M8X1.25X30-MM)						
	48	1	9X-6165	6	WASHER (6.5X22X2.5-MM THK)						

M-METRIC PART

AIR INLET AND EXHAUST SYSTEM

340-6038 LINES GP-EXHAUST (contd.)

i04171549



GRAPHIC #1

<END>

g02406441

AIR INLET AND EXHAUST SYSTEM

343-8998 LINES GP-EXHAUST

S/N: T4R1-UP

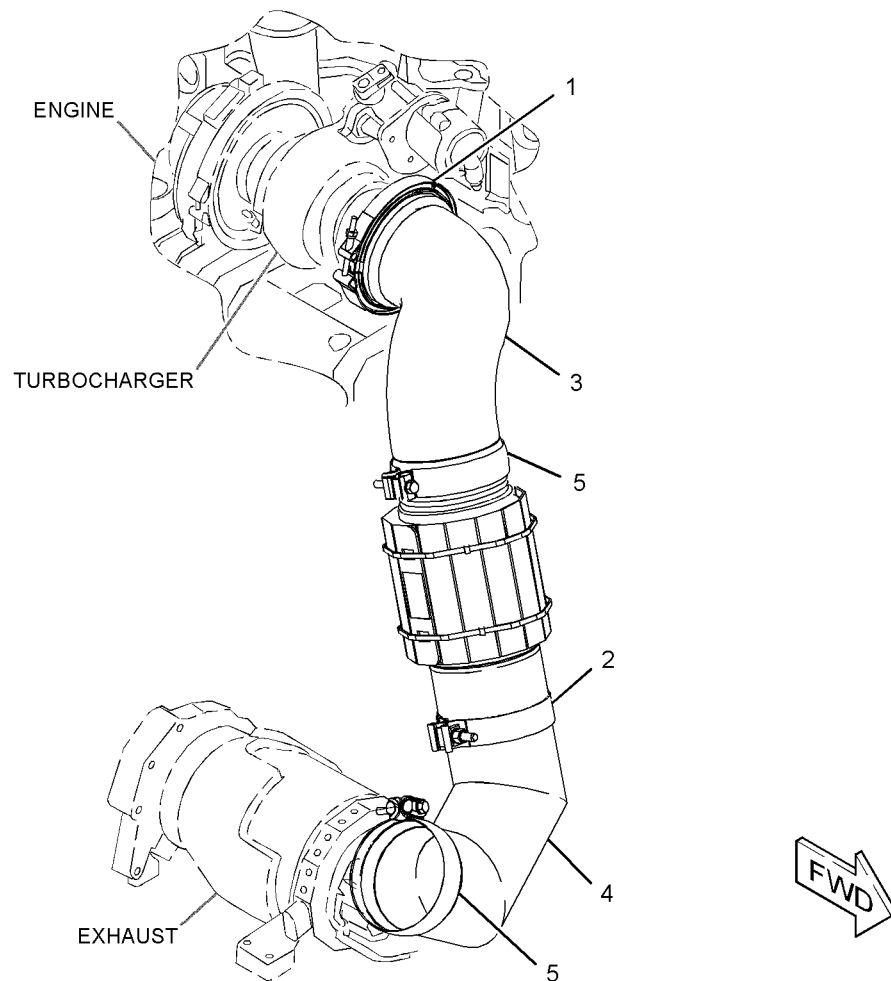
5-IN FLEXPIPE

PART OF 346-1990 MODULE AR-ENGINE & CEM

SMCS-1061

i04171499

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	264-5779	1	CLAMP AS (V-BAND)						
	2	1	343-9018	1	BELLOWS AS						
		1	034-1432	2	STRAP-CABLE						
	3	1	344-8291	1	TUBE-EXHAUST						
	4	1	344-8292	1	TUBE-EXHAUST						
	5	1	346-0335	2	CLAMP-BAND						



GRAPHIC #1

<END>

g02370456

AIR INLET AND EXHAUST SYSTEM

347-5498 LINES GP-EXHAUST-DPF INLET

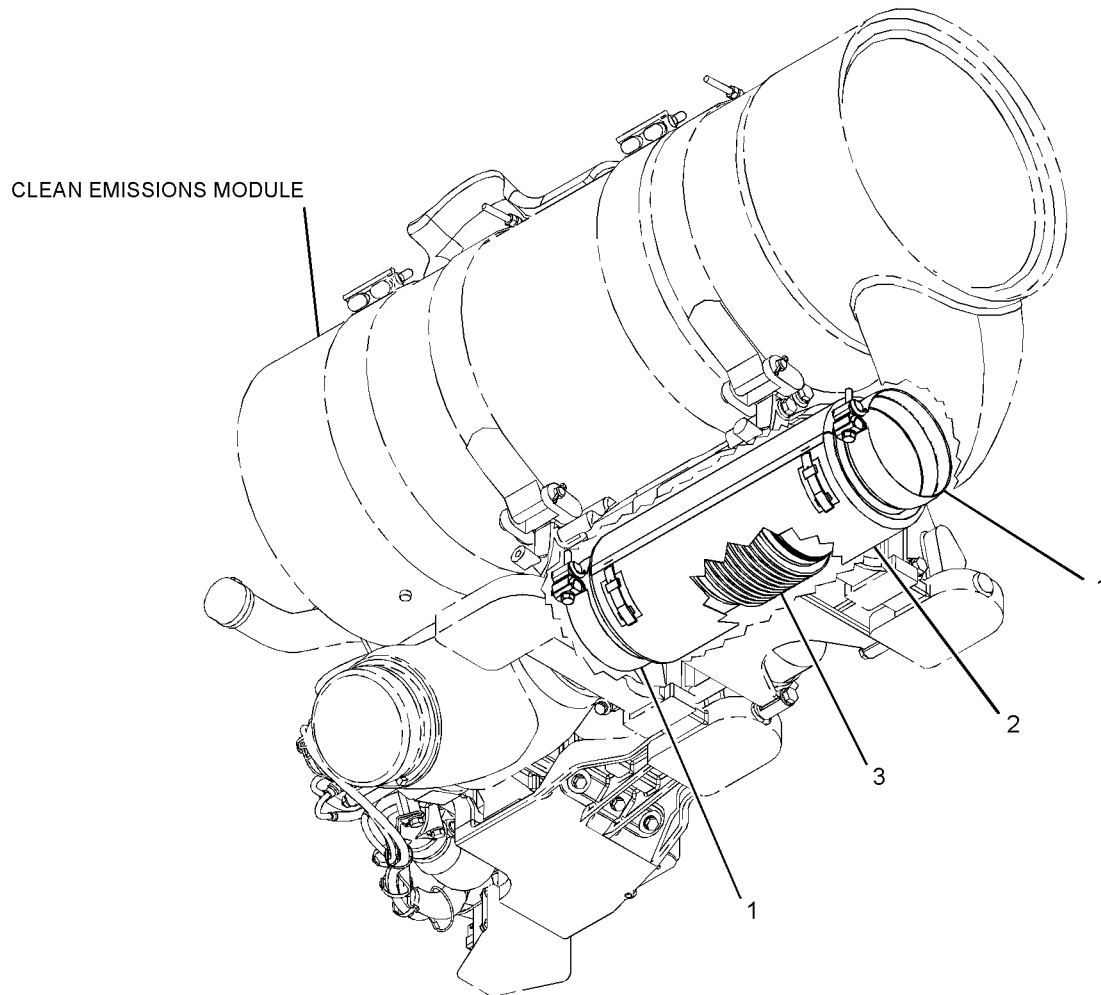
S/N: T4R1-UP

PART OF 362-8784 MODULE AR-CLEAN EMISSIONS

SMCS-1061

i04219812

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	346-0335	2	CLAMP-BAND						
	2	1	357-6064	1	SHIELD AS						
	3	1	357-6070	1	BELLOWS AS						



GRAPHIC #1

<END>

g02416178

AIR INLET AND EXHAUST SYSTEM

352-5912 LINES GP-EXHAUST-DPF OUTLET

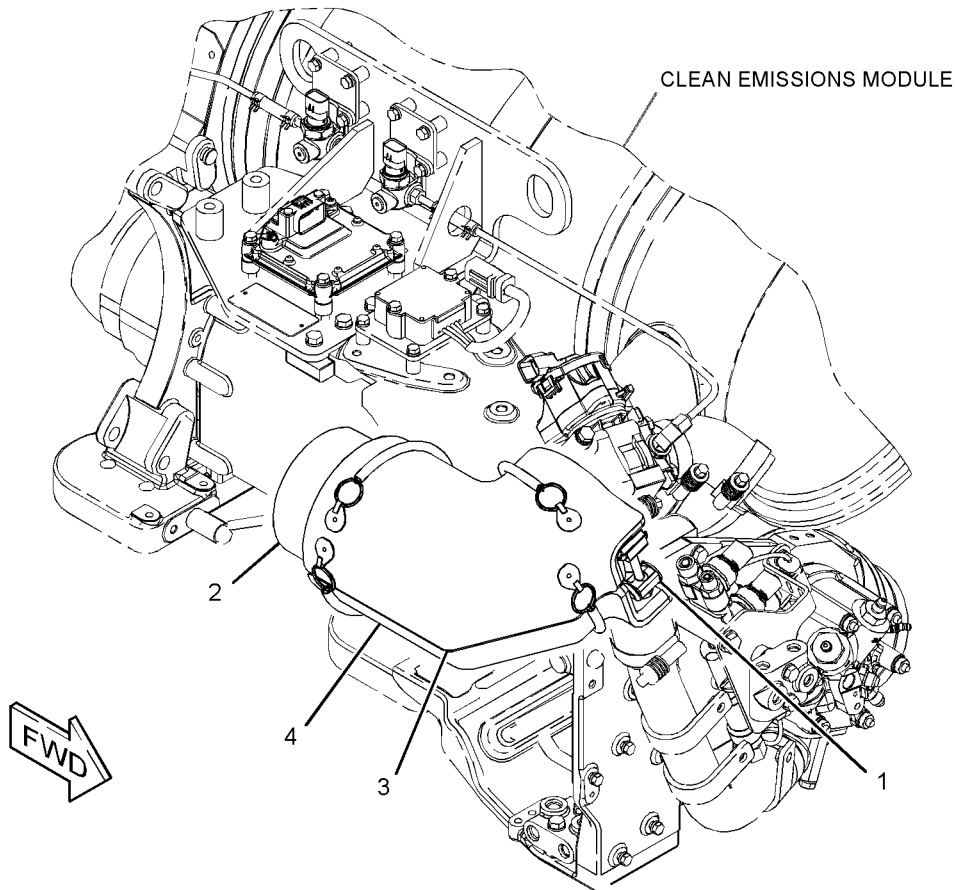
S/N: T4R1-UP

PART OF 362-8784 MODULE AR-CLEAN EMISSIONS

SMCS-1061

i04219815

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	344-8311	1	CLAMP-BAND						
	2	1	350-9902	1	TUBE-EXHAUST						
	3	1	352-2314	1	SHIELD-HEAT						
	4	1	352-2315	1	SHIELD-HEAT						



GRAPHIC #1

<END>

g02418456

AIR INLET AND EXHAUST SYSTEM

346-3337 LINES GP-EXHAUST COMBUSTION-COOLANT, FUEL

S/N: T4R1-UP

PART OF 362-8784 MODULE AR-CLEAN EMISSIONS

SMCS-108E

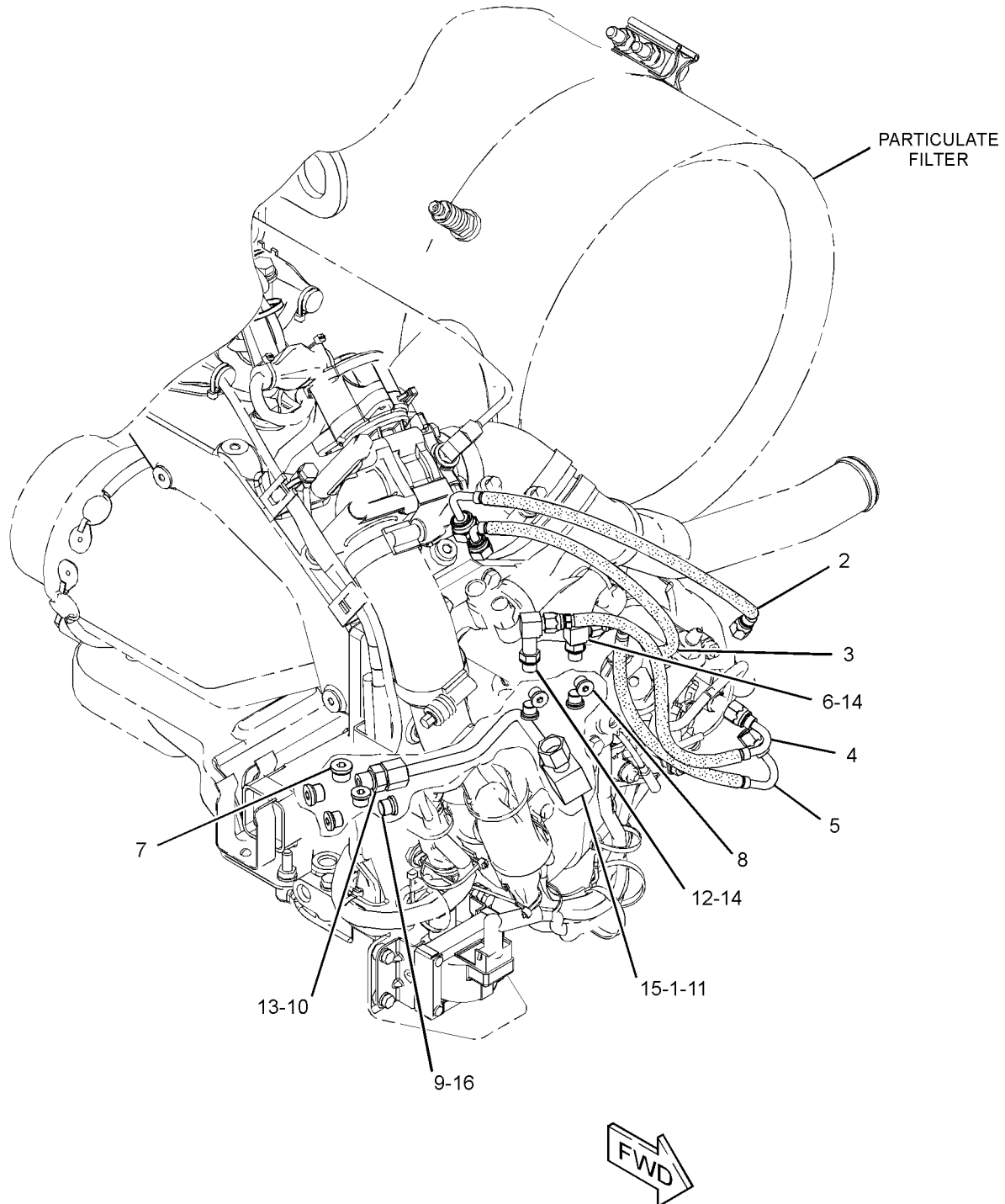
i04171560

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	334-3956	1	TUBE AS-FUEL						
	2	1	334-9772	1	HOSE AS						
	3	1	334-9773	1	HOSE AS						
	4	1	334-9774	1	HOSE AS						
	5	1	334-9775	1	HOSE AS						
	6	1	030-7946	1	ELBOW						
	7	1	183-3407	2	PLUG AS						
					(EACH INCLUDES)						
		1	9S-8004	1	PLUG-O-RING						
		1	214-7568	1	SEAL-O-RING						
	8	1	183-7263	4	PLUG AS						
					(EACH INCLUDES)						
		1	3J-7354	1	SEAL-O-RING						
		1	9S-8002	1	PLUG-O-RING						
	9	1	214-7567	3	SEAL-O-RING						
	10	1	214-7568	1	SEAL-O-RING						
	11	1	228-7089	2	SEAL-O-RING						
	12	1	5P-3426	1	ELBOW						
	13	1	6V-8636	1	CONNECTOR						
	14	1	6V-9027	2	SEAL-O-RING						
	15	1	6V-9850	1	ELBOW						
	16	1	9S-8003	3	PLUG						

AIR INLET AND EXHAUST SYSTEM

346-3337 LINES GP-EXHAUST COMBUSTION (contd.)

i04171560



GRAPHIC #1

<END>

g02404256

AIR INLET AND EXHAUST SYSTEM

343-0590 MANIFOLD GP-EXHAUST

S/N: TXL1-UP; L4X1-UP

PART OF 365-3722 ENGINE AR-COMPLETE

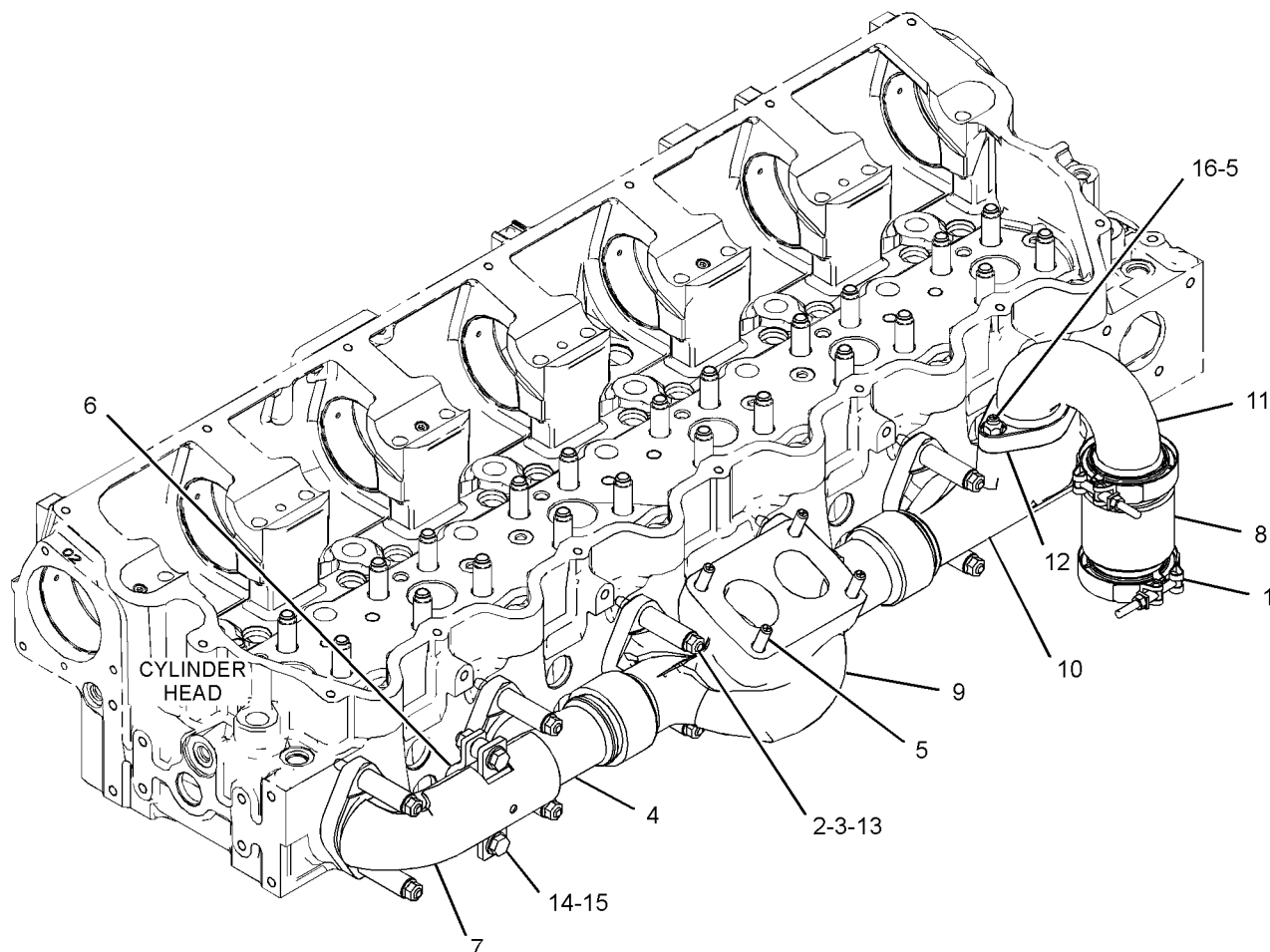
FOR USE WITH FRONT FACING EXHAUST APPLICATION. CANNOT BE USED WITH REAR FACING EXHAUST APPLICATION

SMCS-1059

i04249849

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9N-5085	2	CLAMP						
	2	1	106-1792	12	STUD-TAPERLOCK (3/8-16X4-IN)						
	3	1	108-3612	12	SPACER (11.13X19.05X53-MM THK)						
	4	1	133-3359	1	MANIFOLD-EXHAUST						
M	5	1	245-9750	6	STUD-TAPERLOCK (M10X1.5X50-MM)						
	6	1	287-1714	1	CLAMP AS						
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)						
	7	1	289-0630	1	SHIELD AS-MANIFOLD						
	8	1	324-9290	1	BELLOWS AS						
	9	1	328-8910	1	MANIFOLD-EXHAUST						
	10	1	332-8723	1	MANIFOLD-EXHAUST						
	11	1	333-9788	1	ELBOW-EXHAUST						
	12	1	349-9661	1	GASKET-EXHAUST						
	13	1	168-7800	12	LOCKNUT (3/8-16-THD)						
	14	1	6V-5839	2	WASHER (11X21X2.5-MM THK)						
M	15	1	6V-5843	2	BOLT (M10X1.5X45-MM)						
M	16	1	9X-6620	2	LOCKNUT (M10X1.5-THD)						

M-METRIC PART



GRAPHIC #1

<END>

g02211534

AIR INLET AND EXHAUST SYSTEM

343-3867 MANIFOLD GP-EXHAUST COMBUSTION- AFTERTREATMENT REGEN DEVICE

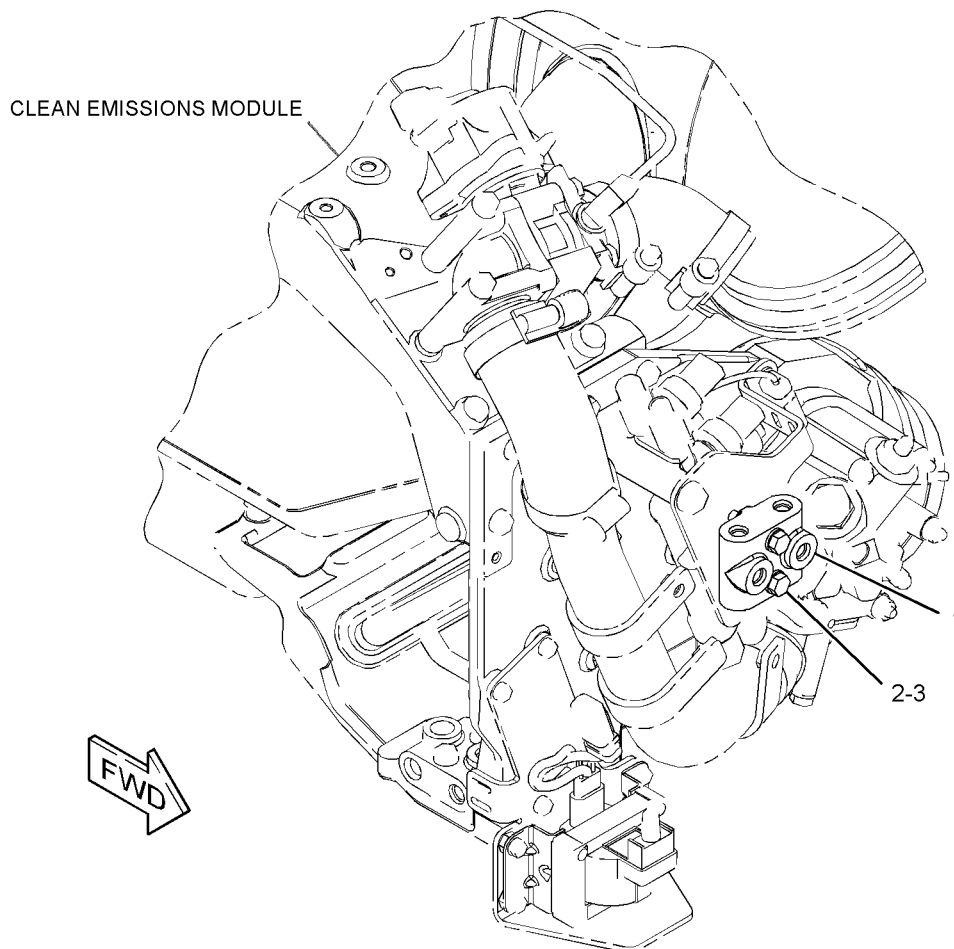
S/N: T4R1-UP

PART OF 362-8784 MODULE AR-CLEAN EMISSIONS

SMCS-3206

i04219809

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	343-3873	1	MANIFOLD						
	2	1	311-8366	2	WASHER-HARD (8.8X16X2-MM THK)						
M	3	1	338-8453	2	BOLT (M8X1.25X40-MM)						
M-METRIC PART											



GRAPHIC #1

<END>

g02416199

AIR INLET AND EXHAUST SYSTEM

343-5341 MANIFOLD GP-EXHAUST COMBUSTION

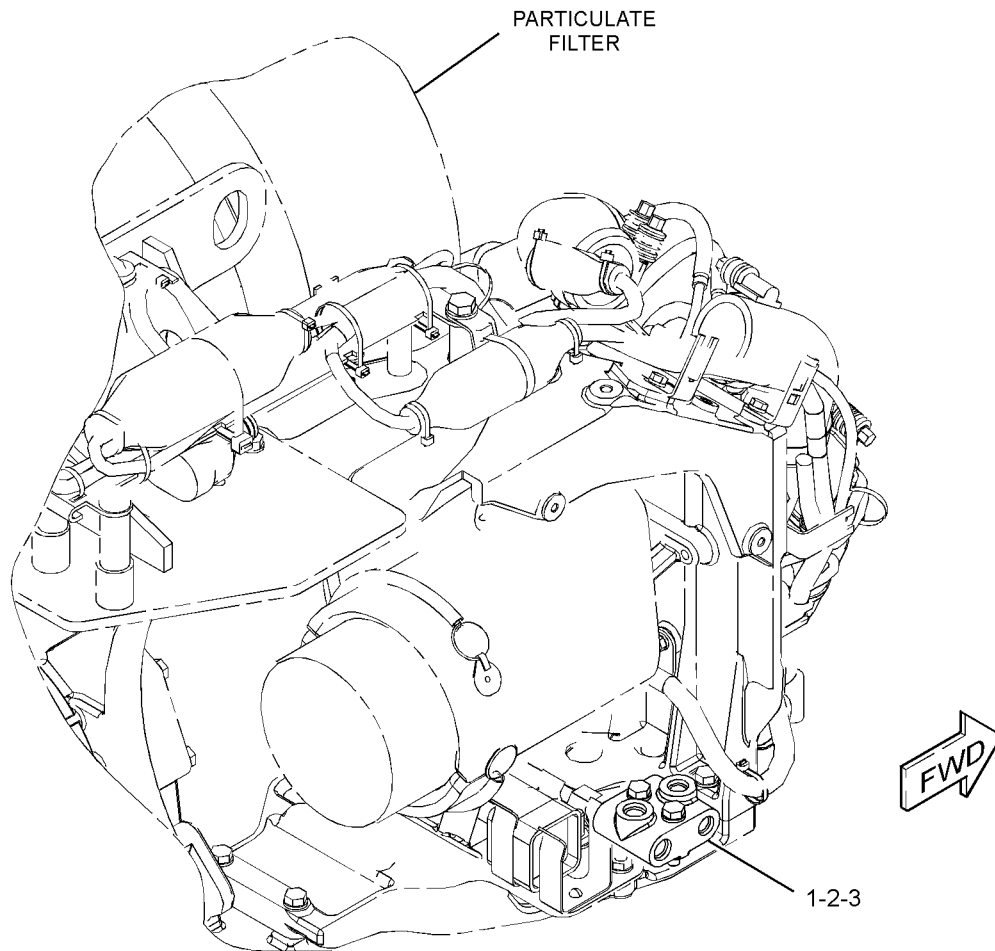
S/N: T4R1-UP

PART OF 362-8784 MODULE AR-CLEAN EMISSIONS

SMCS-3206

i04219811

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	343-3869	1	MANIFOLD						
	2	1	311-8366	2	WASHER-HARD (8.8X16X2-MM THK)						
M	3	1	338-8453	2	BOLT (M8X1.25X40-MM)						
M-METRIC PART											



GRAPHIC #1

<END>

g02416179

AIR INLET AND EXHAUST SYSTEM

344-0390 MANIFOLD GP-EXHAUST COMBUSTION- AFTERTREATMENT REGENERATION DEVICE

S/N: T4R1-UP

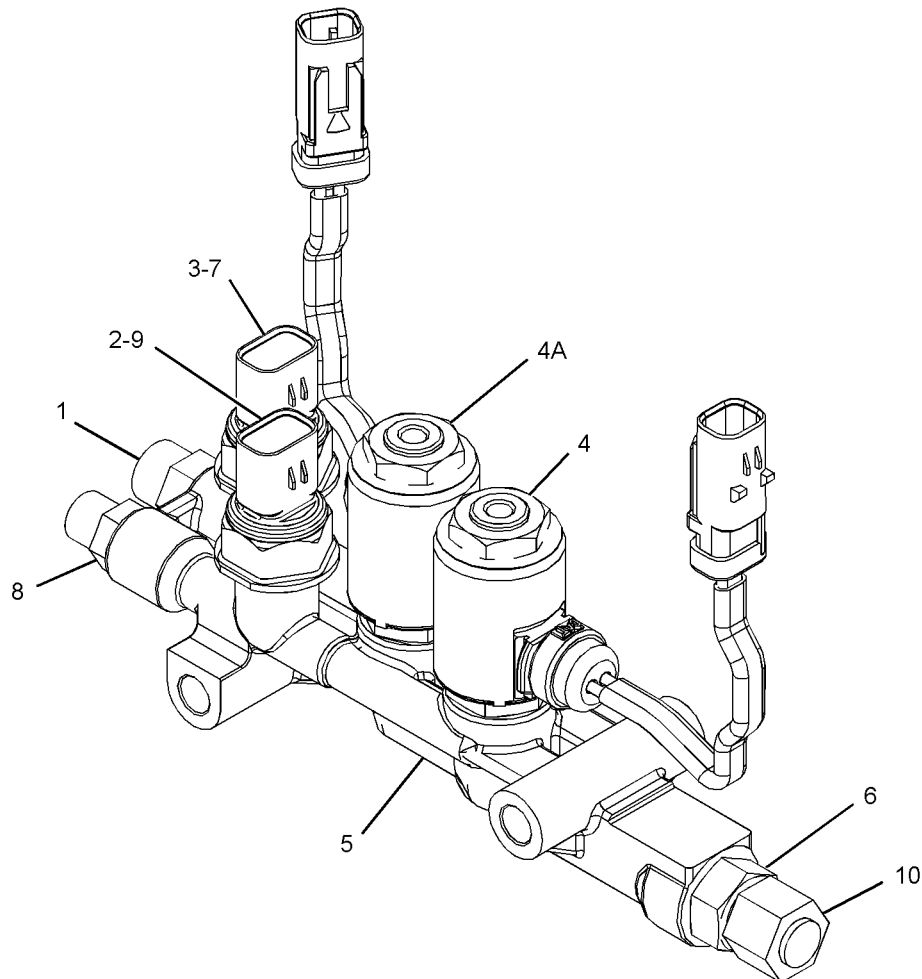
PART OF 355-6975 MANIFOLD & MTG GP-FUEL

SMCS-3206

i04036579

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	307-6195	1	ADAPTER AS	
		1	8T-5043	1	CONNECTOR	
		1	214-7567	1	SEAL-O-RING	
		1	228-7089	1	SEAL-O-RING	
	2	1	320-3064	1	SENSOR GP-PRESSURE (ARD PILOT FUEL)	
	3	1	320-3065	1	SENSOR GP-PRESSURE (ARD MAIN FUEL)	
Y	4	1	331-9208	1	VALVE GP-SOLENOID (ARD PILOT FUEL)	195
Y	4A	1	331-9208	1	VALVE GP-SOLENOID (ARD MAIN FUEL)	195
	5	1	340-1438	1	MANIFOLD	
	6	1	341-3150	1	CONNECTOR AS-FILTER	
		1	228-7089	1	SEAL-O-RING	
		1	238-5080	1	SEAL-O-RING	
	7	1	214-7568	1	SEAL-O-RING	
	8	1	321-8675	1	CONNECTOR AS	
		1	6V-8641	1	CONNECTOR	
		1	214-7568	1	SEAL-O-RING	
		1	228-7088	1	SEAL-O-RING	
	9	1	214-7567	1	SEAL-O-RING	
	10	1	6V-9829	1	CAP AS	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02150628

AIR INLET AND EXHAUST SYSTEM

362-8784 MODULE AR-CLEAN EMISSIONS

S/N: T4R1-UP

PART OF 346-1990 MODULE AR-ENGINE & CEM

SMCS-1050

i04217691

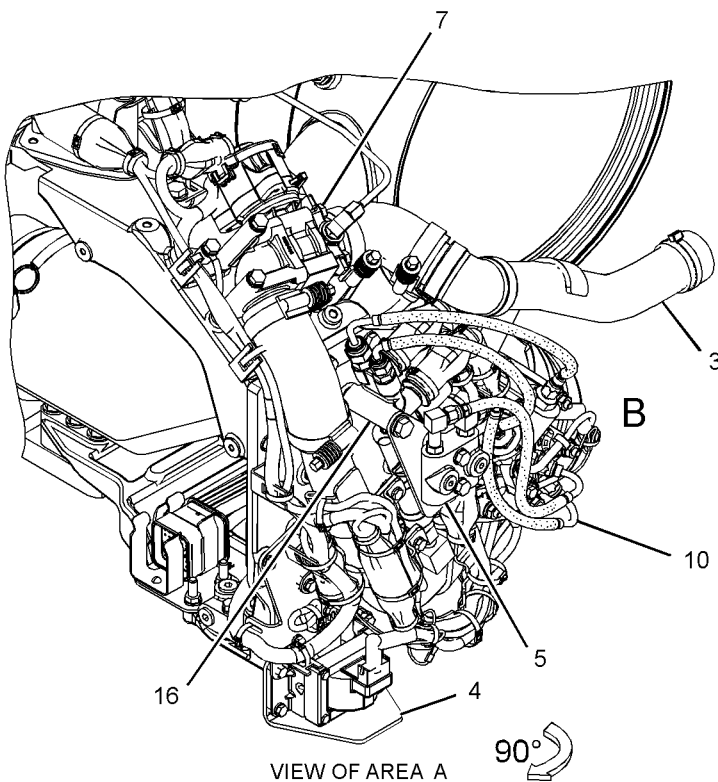
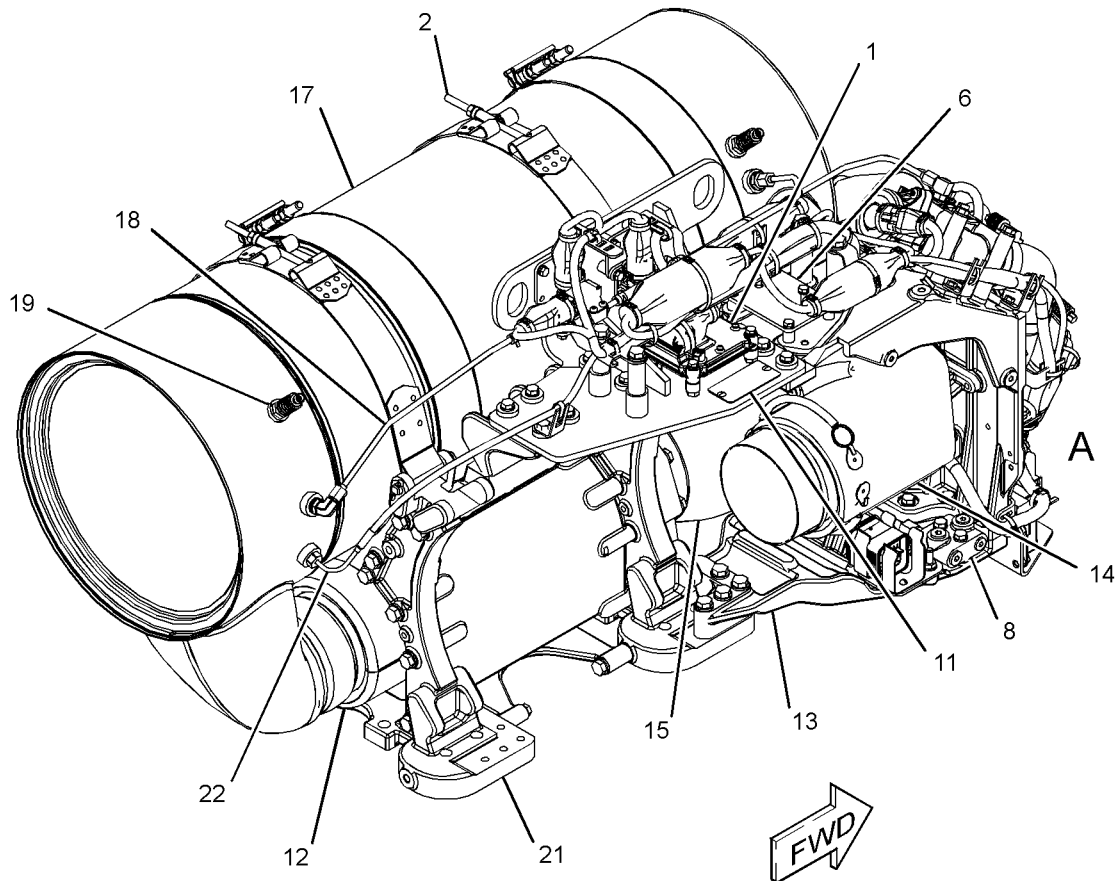
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	336-5012	1	MODULE & MTG GP-CONTROL (ARD COMBUSTION AIR)	260
Y	2	1	342-6414	1	STRAP GP-MOUNTING (DPF)	181
Y	3	1	343-3836	1	LINES GP-AIR (ARD COMBUSTION)	153
Y	4	1	343-3866	1	COIL GP-IGNITION (AFTERTREATMENT REGEN DEVICE)	236
Y	5	1	343-3867	1	MANIFOLD GP-EXHAUST COMBUSTION (AFTERTREATMENT REGEN DEVICE)	170
Y	6	1	343-3875	1	RELAY GP (ARD NOZZLE HEATER)	266
Y	7	1	343-5325	1	VALVE & MTG GP-AIR CONTROL (ARD COMBUSTION)	191
Y	8	1	343-5341	1	MANIFOLD GP-EXHAUST COMBUSTION	171
Y	10	1	346-3337	1	LINES GP-EXHAUST COMBUSTION (COOLANT, FUEL)	167
Y	11	1	347-3259	1	PLATE & FILM GP (CLEAN EMISSIONS MODULE)	781
Y	12	1	347-5498	1	LINES GP-EXHAUST (DPF INLET)	165
Y	13	1	351-9839	1	SUPPORT & MOUNTING GP	184
Y	14	1	352-5912	1	LINES GP-EXHAUST (DPF OUTLET)	166
Y	15	1	355-0803	1	COMBUSTION & MTG GP-EXHAUST	137
Y	16	1	355-6975	1	MANIFOLD & MTG GP-FUEL (AFTERTREATMENT REGEN DEVICE)	207
Y	17	1	358-3649	1	FILTER GP-DIESEL PARTICULATE	143
Y	18	1	362-8932	1	SENSOR & MTG GP-PRESSURE (EXHAUST)	267
Y	19	1	362-8943	2	ANTENNA GP-SOOT	225
Y	20	1	362-8959	1	RESTRICTOR GP-EXHAUST	179
Y	21	1	365-4760	1	FRAME GP-MOUNTING	145
Y	22	1	363-0622	1	WIRING GP-ELECTRONIC CONTROL	322

Y-SEPARATE ILLUSTRATION

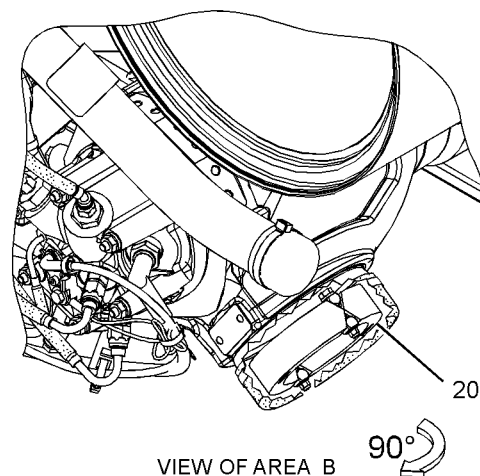
AIR INLET AND EXHAUST SYSTEM

362-8784 MODULE AR-CLEAN EMISSIONS (contd.)

i04217691



VIEW OF AREA A



VIEW OF AREA B

GRAPHIC #1

<END>

g02425877

AIR INLET AND EXHAUST SYSTEM

291-8762 MOUNTING GP-CEM

S/N: T4R1-UP

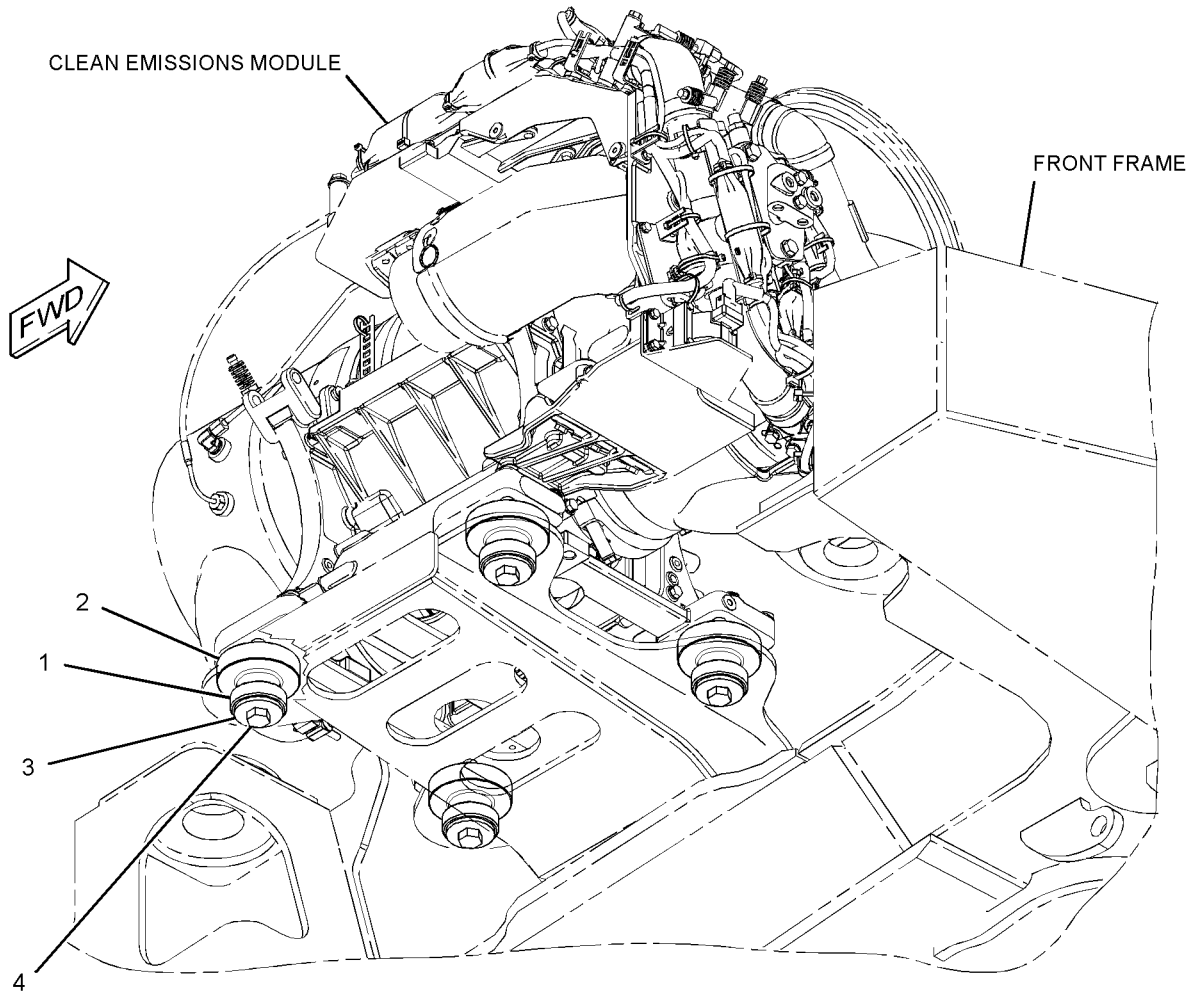
PART OF 291-8722 POWER TRAIN AR

SMCS-1050

i04173649

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7U-0887	4	WASHER (17X65X20-MM THK)						
	2	1	339-1844	4	SPACER						
	3	1	151-5520	4	WASHER (17X56X5-MM THK)						
M	4	1	7X-2556	4	BOLT (M16X2X100-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g02419360

AIR INLET AND EXHAUST SYSTEM

152-7076 PIPE GP-EXHAUST-REAR

S/N: T4R1-UP

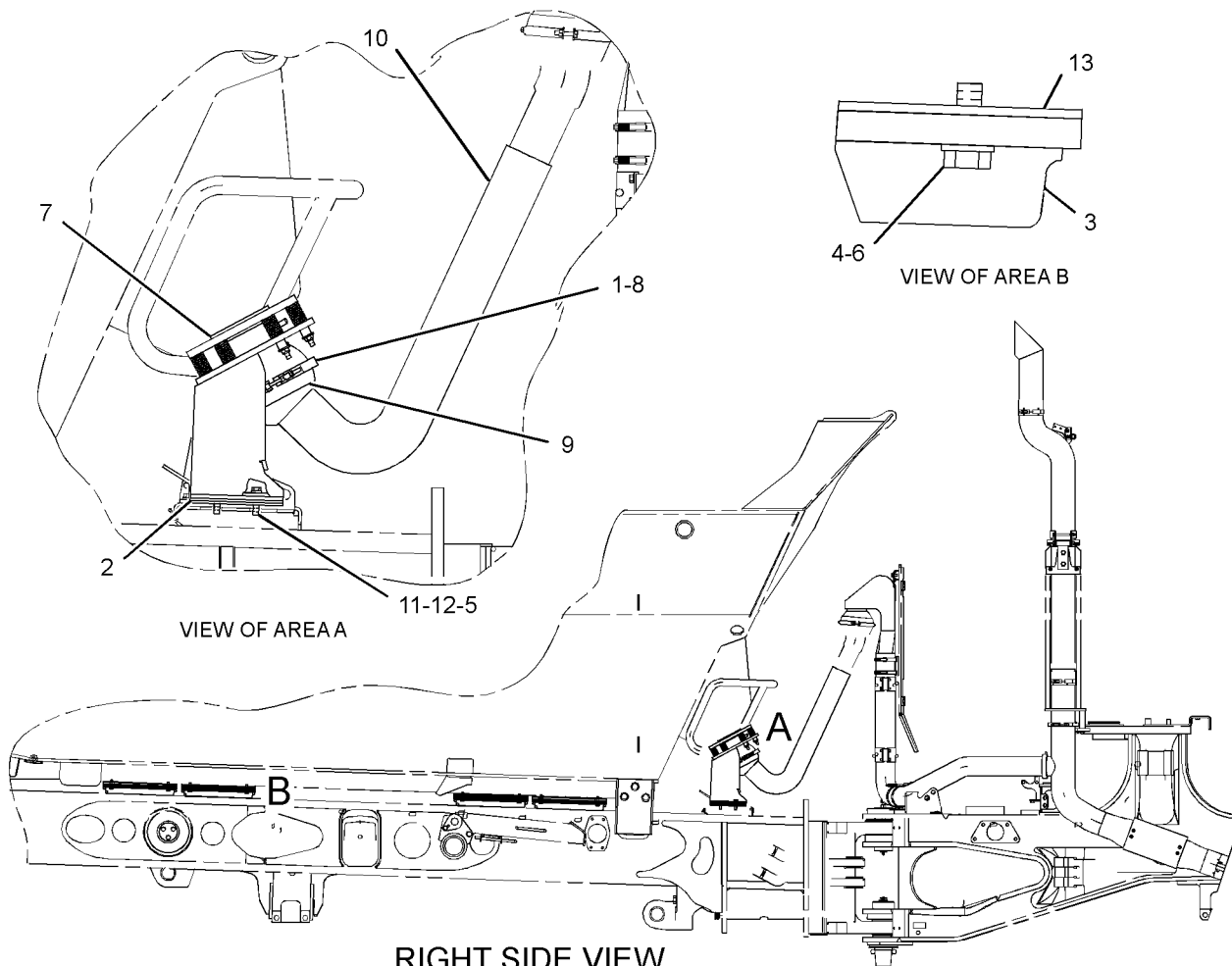
PART OF 351-5890 PIPE GP-EXHAUST
AN ATTACHMENT

SMCS-1061

i04185520

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	2U-7477	1	SEAL	
B	2	1	130-2336	2	SHIM (5-MM THK)	
	3	1	145-7755	8	BUFFER-RUBBER	
	4	1	8T-4121	32	WASHER-HARD (11X21X2.5-MM THK)	
	5	1	147-6322	1	PLATE-CLAMP	
CM	6	1	8T-4136	32	BOLT (M10X1.5X25-MM)	
Y	7	1	161-2173	1	ELBOW GP-EXHAUST	142
	8	1	202-4122	1	CLAMP-V-BAND	
	9	1	186-2225	1	RING-RETAINER	
	10	1	202-2038	1	PIPE AS	
	11	1	8T-4223	3	WASHER-HARD (13.5X25.5X3-MM THK)	
M	12	1	8T-4194	3	BOLT (M12X1.75X50-MM)	
B	13	1	142-0534	8	SHIM (3-MM THK)	

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



RIGHT SIDE VIEW

<END>

GRAPHIC #1

g01405966

AIR INLET AND EXHAUST SYSTEM

351-5890 PIPE GP-EXHAUST-REAR

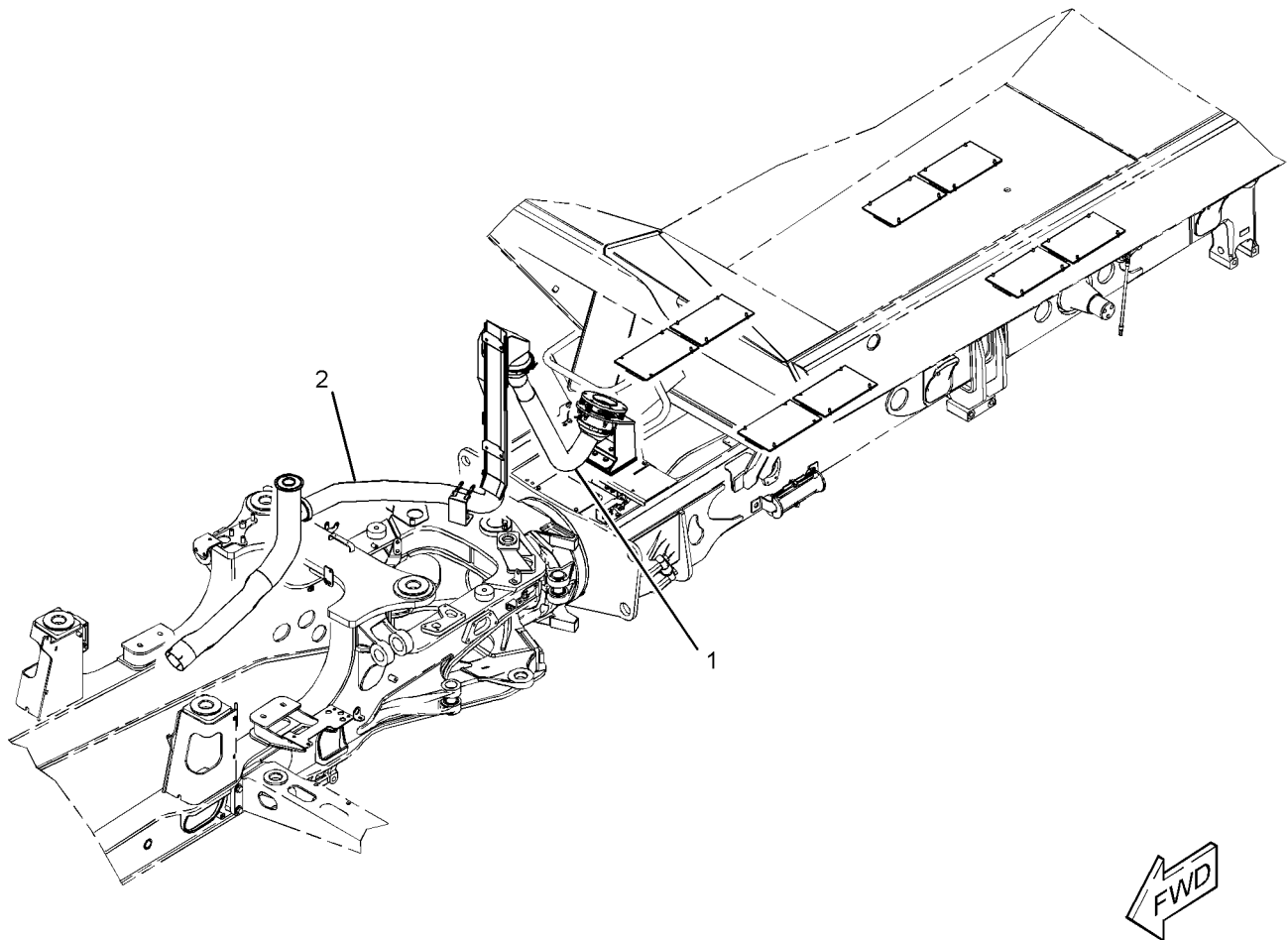
S/N: T4R1-UP
AN ATTACHMENT

SMCS-1061

i04076949

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	152-7076	1	PIPE GP-EXHAUST (REAR)						176
Y	2	1	354-0489	1	PIPE GP-EXHAUST (FRONT)						178

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02313853

AIR INLET AND EXHAUST SYSTEM

354-0489 PIPE GP-EXHAUST-FRONT

S/N: T4R1-UP

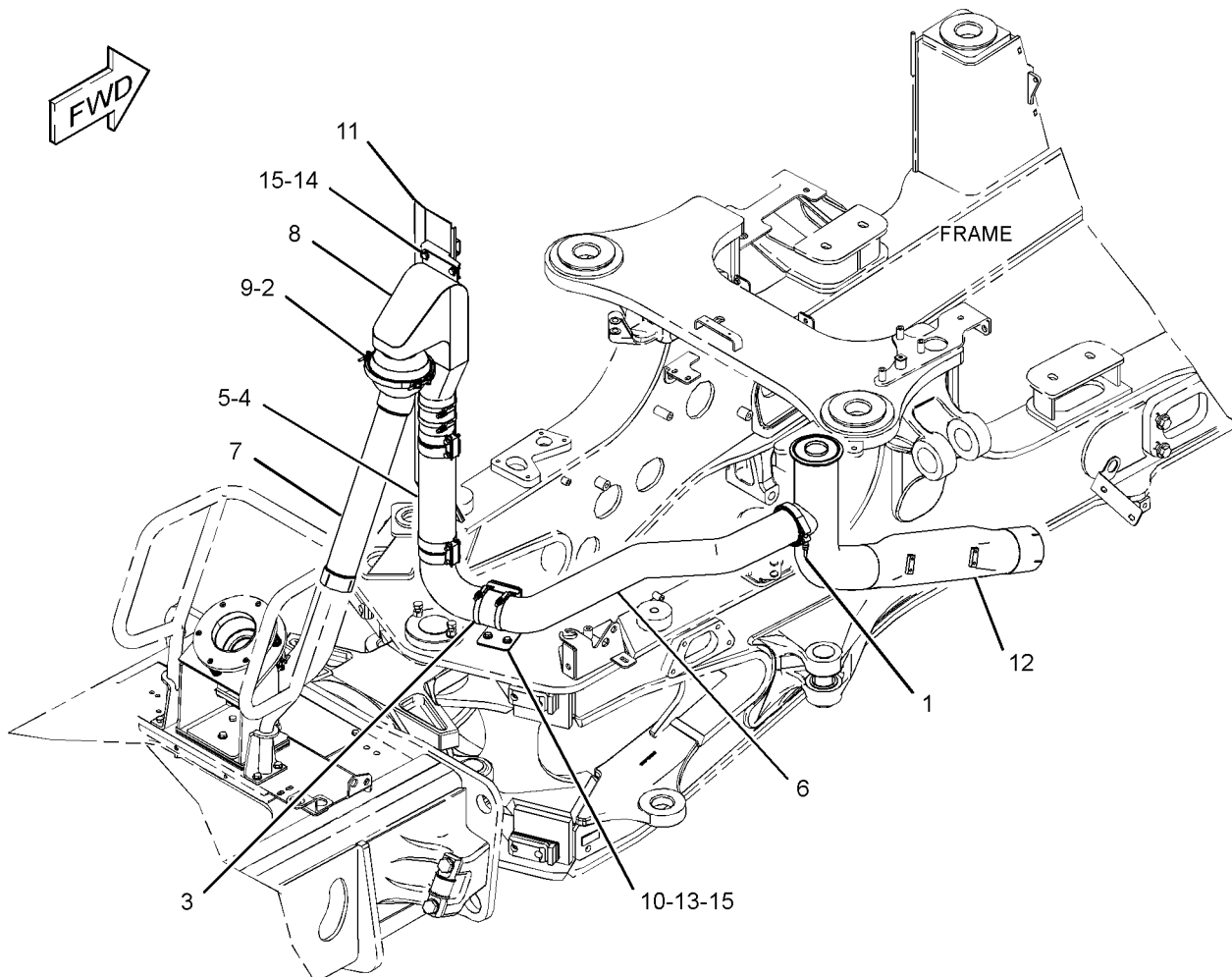
PART OF 351-5890 PIPE GP-EXHAUST
AN ATTACHMENT

SMCS-1061

i04076950

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	1W-2431	1	CLAMP-BAND	
	2	1	2U-7477	1	SEAL	
	3	1	9X-2201	4	CLAMP-HOSE	
	4	1	186-5065	2	CLAMP	
	5	1	190-5938	1	TUBE-FLEXIBLE	
	6	1	202-2035	1	TUBE AS	
	7	1	202-2036	1	PIPE AS	
	8	1	202-2165	1	DUCT AS	
	9	1	202-4122	1	CLAMP-V-BAND	
	10	1	310-6811	1	BRACKET AS	
	11	1	354-0490	1	PLATE AS	
M		1	8T-3490	6	NUT-WELD (M10X1.5-THD)	
	12	1	364-5734	1	PIPE AS	
	13	1	7X-7729	2	WASHER (11X25X3-MM THK)	
	14	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)	
M	15	1	8T-4136	4	BOLT (M10X1.5X25-MM)	

M-METRIC PART



GRAPHIC #1

<END>

g02313934

AIR INLET AND EXHAUST SYSTEM

362-8959 RESTRICTOR GP-EXHAUST

S/N: T4R1-UP

PROVIDES AN EXHAUST RESTRICTOR WITH 82-MM EFFECTIVE ID

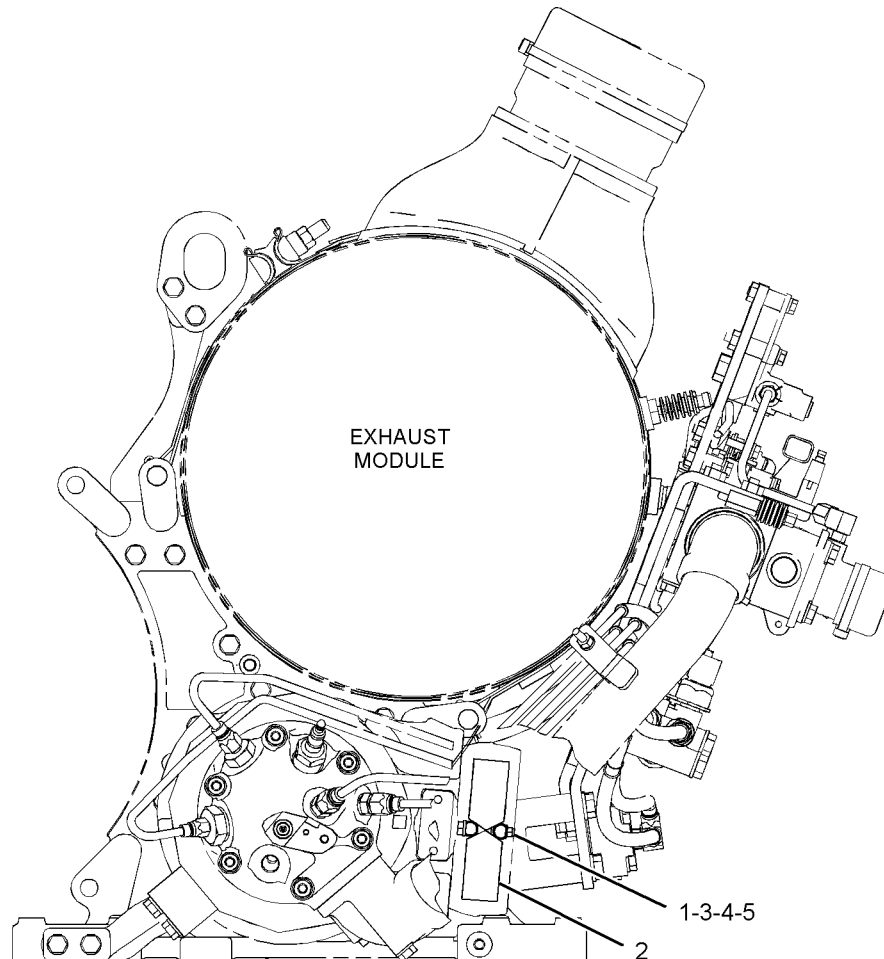
PART OF 362-8784 MODULE AR-CLEAN EMISSIONS

FOR USE WITH TIER 4 INTERIM EXHAUST MODULE ARRANGEMENT WITH FIVE INCH INLET

SMCS-1061

i04140191

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	355-4140	4	BARREL						
	2	1	362-8950	2	RESTRICTOR						
	3	1	344-1200	2	WASHER-HARD (6.6X12X2-MM THK)						
	4	1	355-1624	2	BOLT (M6X1X40-MM)						
	5	1	355-8542	2	LOCKNUT (M6X1-THD)						



GRAPHIC #1

<END>

g02339599

AIR INLET AND EXHAUST SYSTEM

291-8937 SHIELD GP-EXHAUST

S/N: T4R1-UP

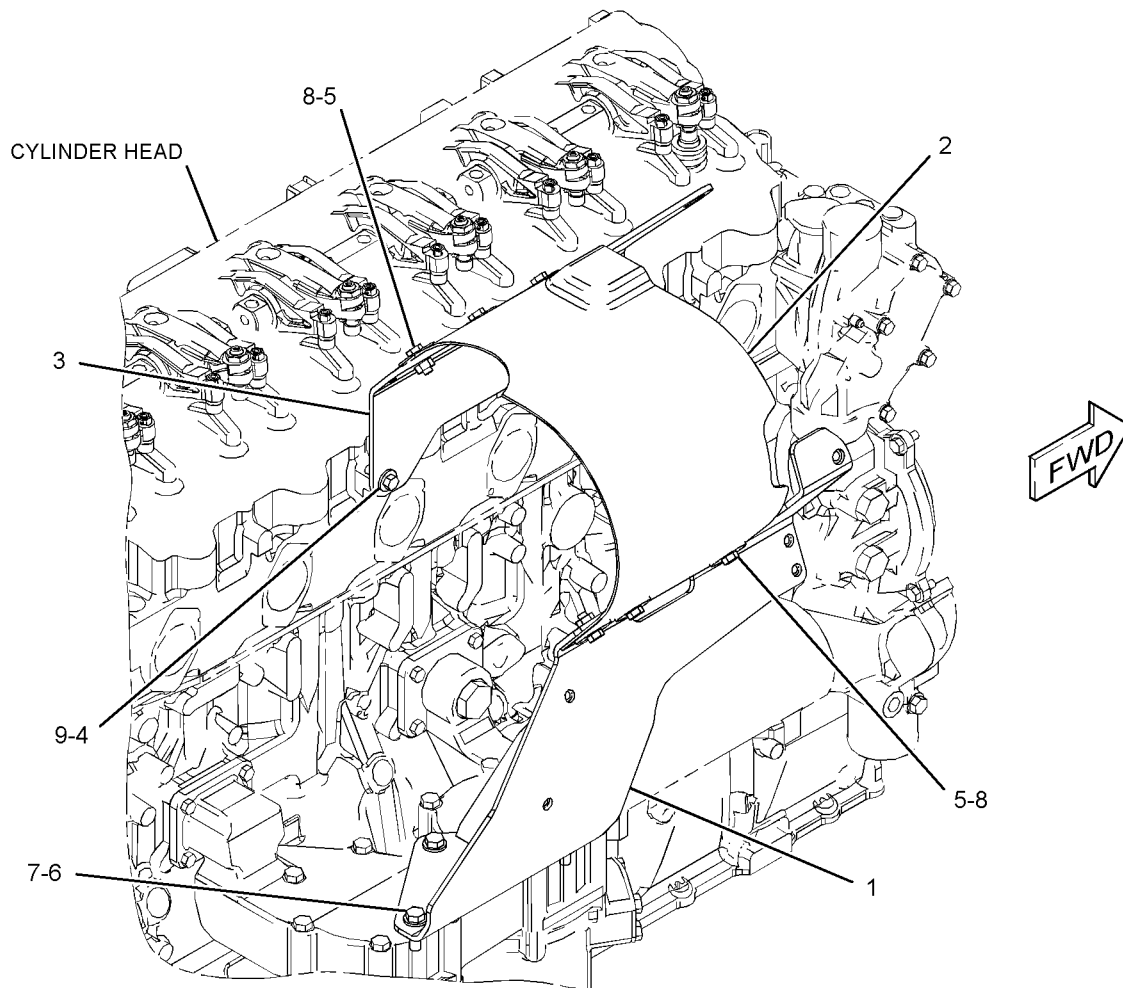
PART OF 291-8722 POWER TRAIN AR

SMCS-1067

i04173593

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	334-2503	1	BRACKET AS						
	2	1	334-2504	1	GUARD-TURBOCHARGER						
	3	1	337-6752	1	BRACKET AS						
	4	1	7X-7729	2	WASHER (11X25X3-MM THK)						
M	5	1	8T-4136	4	BOLT (M10X1.5X25-MM)						
M	6	1	8T-4183	3	BOLT (M12X1.75X40-MM)						
	7	1	8T-4223	3	WASHER-HARD (13.5X25.5X3-MM THK)						
	8	1	8T-4226	4	WASHER-PLATED (10.5X45X3-MM THK)						
	9	1	9B-7237	2	BOLT (3/8-16X1.25-IN)						

M-METRIC PART



GRAPHIC #1

<END>

g02423223

AIR INLET AND EXHAUST SYSTEM

342-6414 STRAP GP-MOUNTING-DPF

S/N: T4R1-UP

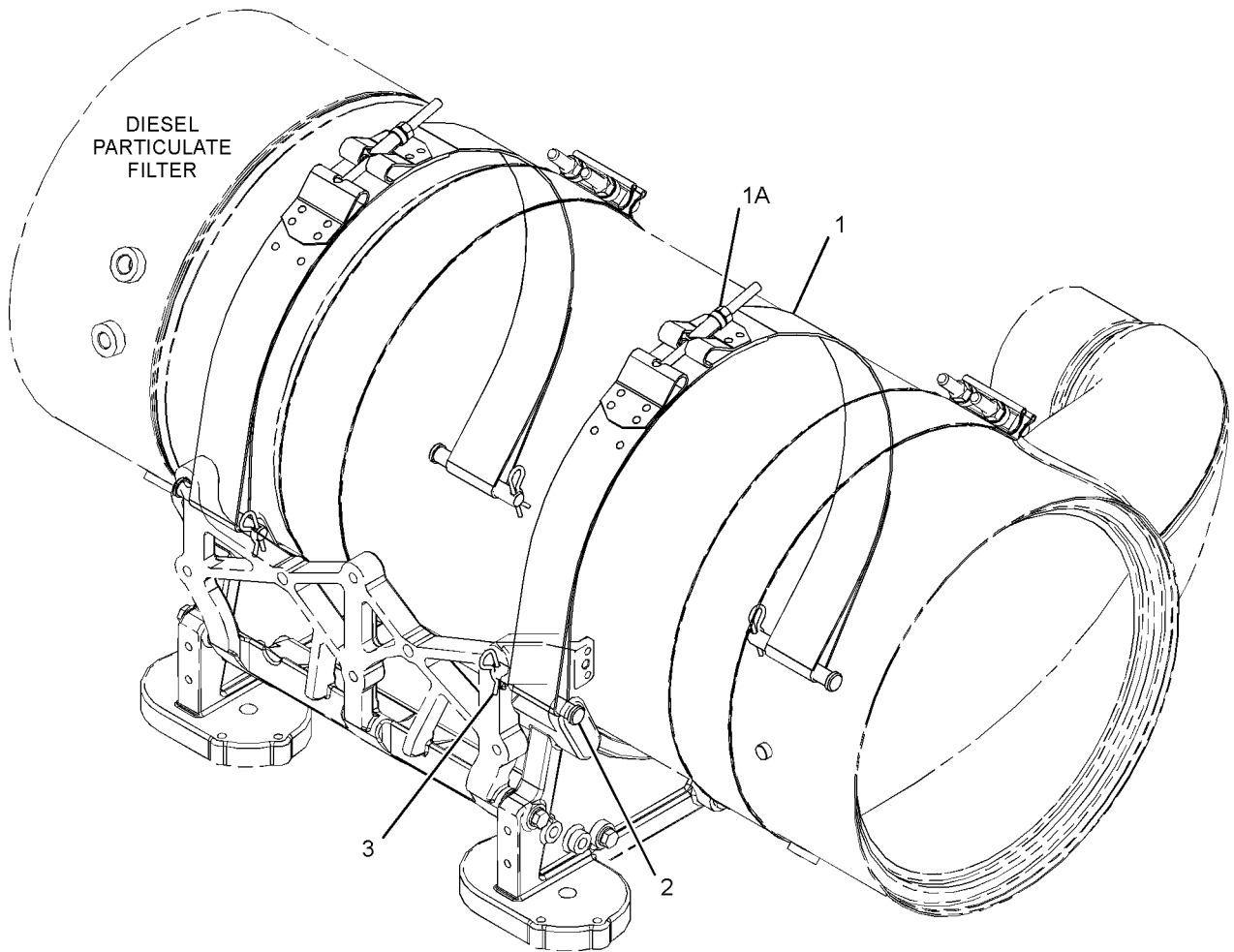
PROVIDES A 13-INCH STRAP GP TO MOUNT DIESEL PARTICULATE FILTER AND MUFFLER
TO THE CEM CRADLE FOR TIER 4 EMISSIONS

PART OF 362-8784 MODULE AR-CLEAN EMISSIONS

SMCS-7553

i04036602

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	356-4464	2	STRAP AS						
					(EACH INCLUDES)						
	1A	1	359-7711	1	NUT						
	2	1	345-7738	4	PIN-CLEVIS						
	3	1	6S-6646	4	PIN-COTTER						



GRAPHIC #1

<END>

g02242316

AIR INLET AND EXHAUST SYSTEM

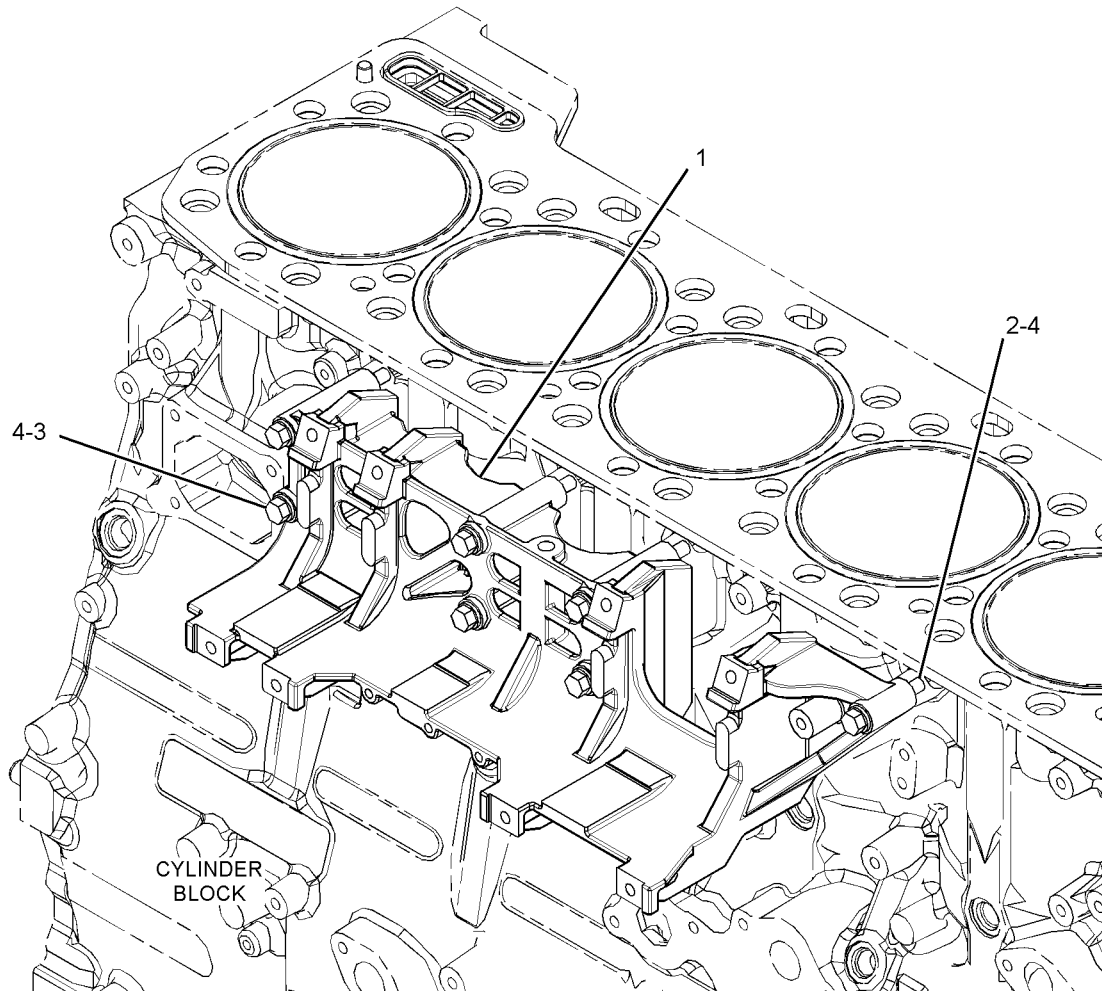
342-6150 SUPPORT & MOUNTING GP

S/N: TXL1-UP; L4X1-UP
PART OF 345-4408 ENGINE AR-CORE

SMCS-0635

i04166831

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	355-8321	1	BRACKET-MOUNTING						
	2	1	0L-2070	1	BOLT (3/8-16X2.25-IN)						
	3	1	0S-1608	6	BOLT (3/8-16X3.75-IN)						
	4	1	5M-2894	7	WASHER-HARD (10.2X18.5X2.5-MM THK)						



GRAPHIC #1

<END>

g02359398

AIR INLET AND EXHAUST SYSTEM

343-1974 SUPPORT & MOUNTING GP

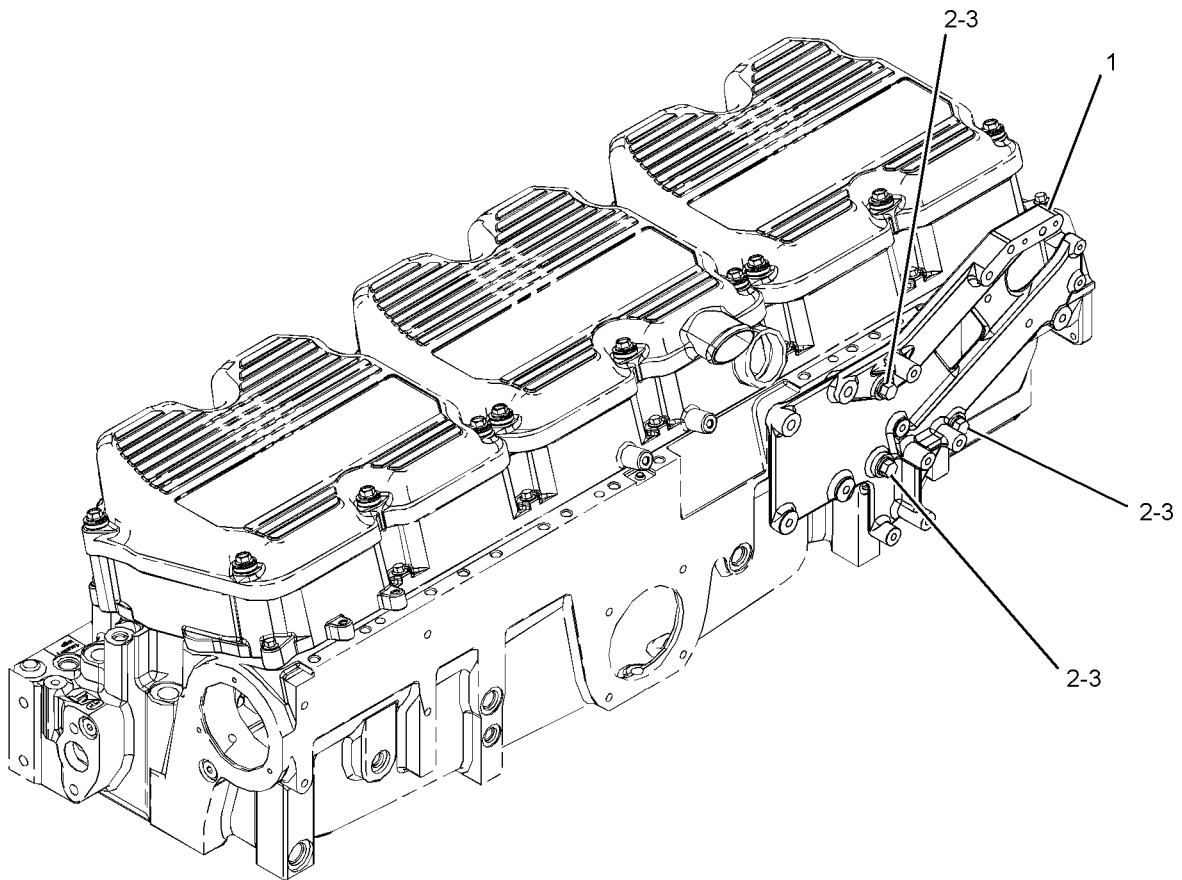
S/N: TXL1-UP; L4X1-UP

PART OF 365-3722 ENGINE AR-COMPLETE

SMCS-0635

i04193290

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	341-3116	1	SUPPORT-MOUNTING	
	2	1	0S-1591	3	BOLT (3/8-16X1.5-IN)	
	3	1	5M-2894	3	WASHER-HARD (10.2X18.5X2.5-MM THK)	



GRAPHIC #1

<END>

g02382337

AIR INLET AND EXHAUST SYSTEM

351-9839 SUPPORT & MOUNTING GP-ARD

S/N: T4R1-UP

PART OF 362-8784 MODULE AR-CLEAN EMISSIONS

SMCS-0635

i04219813

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	343-5323	1	BRACKET	
	2	1	344-9686	2	BRACKET	
	3	1	351-9840	1	BRACKET AS	
Y	4	1	351-9841	1	SUPPORT & MOUNTING GP (ARD)	186
	5	1	247-0553	12	BOLT (M8X1.25X30-MM)	
	6	1	276-1326	4	BOLT (M10X1.5X55-MM)	
	7	1	311-8366	22	WASHER-HARD (8.8X16X2-MM THK)	
M	8	1	344-1193	4	BOLT (M8X1.25X25-MM)	
	9	1	344-1199	4	WASHER-HARD (11X21X2.5-MM THK)	
	10	1	344-1204	6	BOLT (M8X1.25X65-MM)	

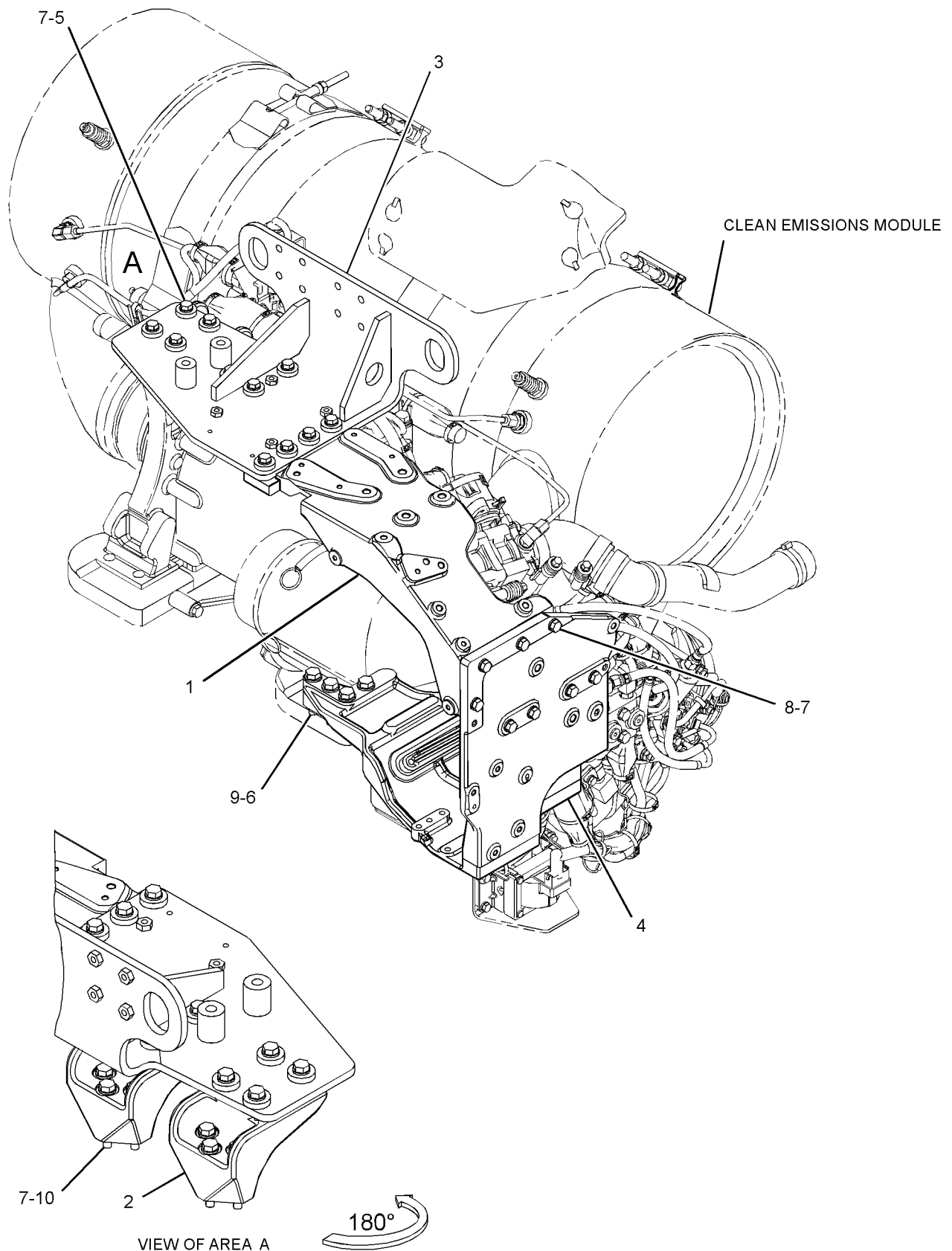
M-METRIC PART

Y-SEPARATE ILLUSTRATION

AIR INLET AND EXHAUST SYSTEM

351-9839 SUPPORT & MOUNTING GP (contd.)

i04219813



GRAPHIC #1

<END>

g02416357

AIR INLET AND EXHAUST SYSTEM

351-9841 SUPPORT & MOUNTING GP-ARD

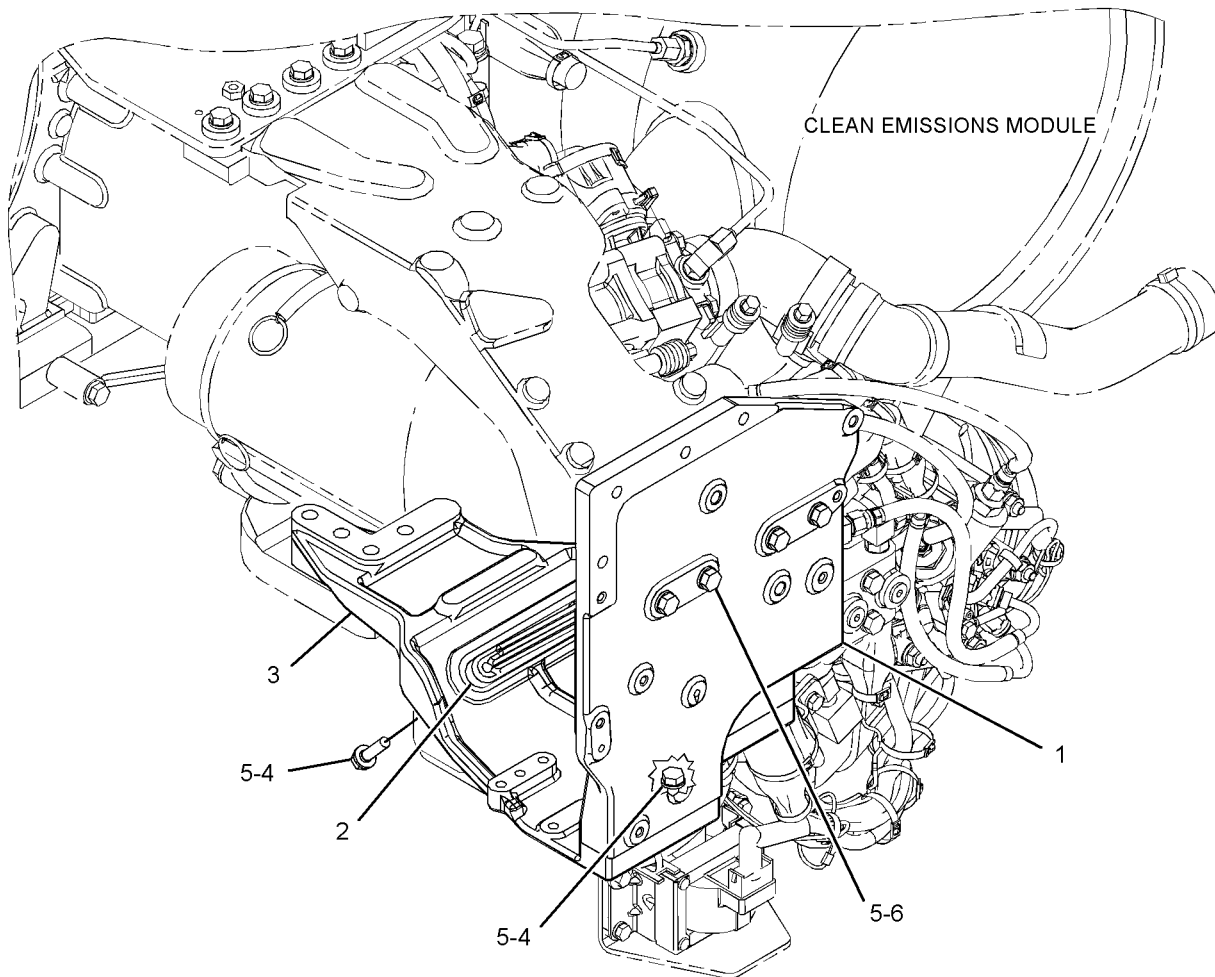
S/N: T4R1-UP

PART OF 351-9839 SUPPORT & MOUNTING GP

SMCS-0635

i04219814

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	343-3859	1	BRACKET						
	2	1	343-3870	1	BRACE						
	3	1	351-9842	1	SUPPORT						
	4	1	247-0553	7	BOLT (M8X1.25X30-MM)						
	5	1	311-8366	11	WASHER-HARD (8.8X16X2-MM THK)						
M	6	1	344-1193	4	BOLT (M8X1.25X25-MM)						
M-METRIC PART											



GRAPHIC #1

<END>

g02416616

AIR INLET AND EXHAUST SYSTEM

341-8053 SUPPORT GP-AFTERCOOLER

S/N: T4R1-UP

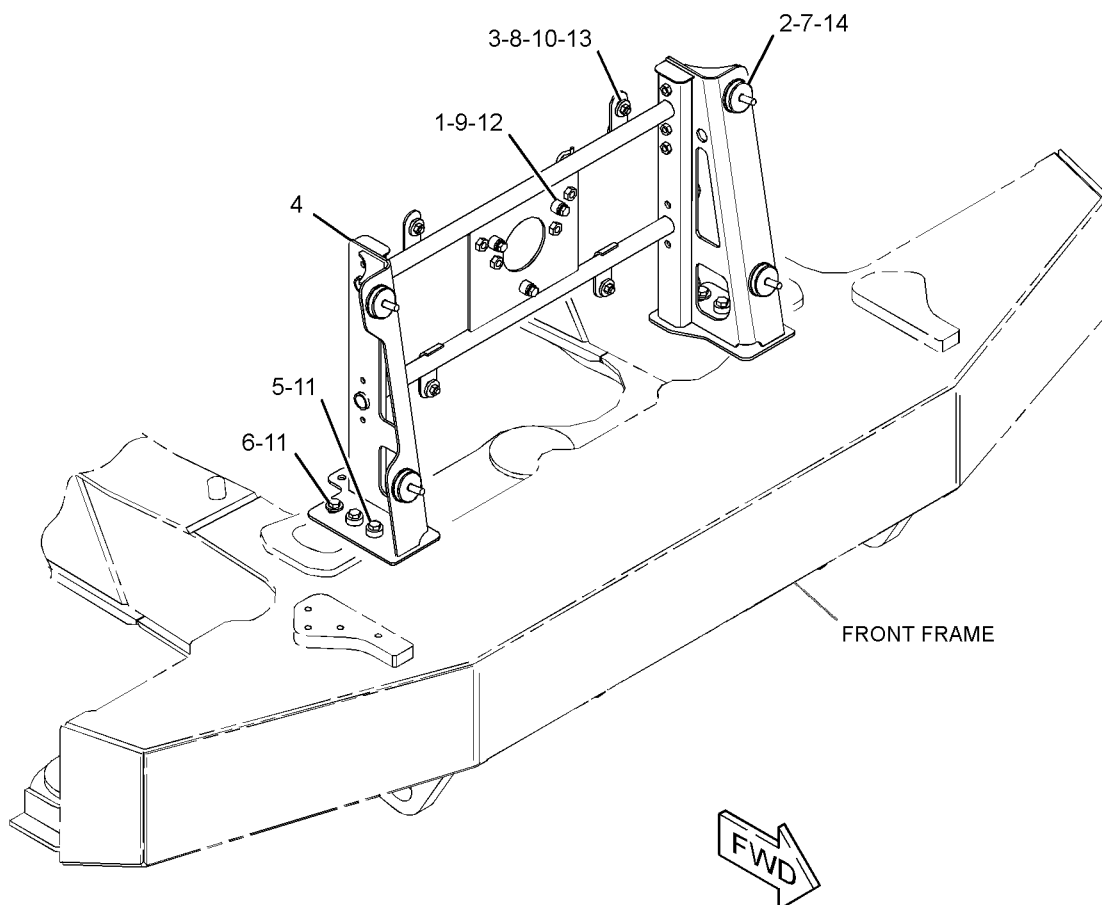
PART OF 291-8896 AFTERCOOLER GP-AIR

SMCS-1063

i04171551

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	3U-6172	3	SPACER (11X23X15-MM THK)	
	2	1	7T-8331	4	MOUNT AS	
	3	1	222-9151	4	WASHER-HARD (11X32X5-MM THK)	
	4	1	358-0717	1	SUPPORT AS	
		1	7T-1099	4	LINK	
M		1	8T-3490	12	NUT-WELD (M10X1.5-THD)	
M		1	8T-3597	4	NUT-WELD (M12X1.75-THD)	
		1	343-1899	1	PLATE AS	
M		1	6V-9632	2	NUT-WELD (M6X1-THD)	
	5	1	198-4778	4	WASHER-HARD (13.5X30X12-MM THK)	
	6	1	5P-1076	2	WASHER-HARD (13.5X30X4-MM THK)	
	7	1	7X-0590	4	WASHER-HARD (13.5X44.5X6-MM THK)	
	8	1	7X-7729	4	WASHER (11X25X3-MM THK)	
	9	1	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)	
M	10	1	8T-4133	4	NUT (M10X1.5-THD)	
M	11	1	8T-4183	6	BOLT (M12X1.75X40-MM)	
M	12	1	8T-4186	3	BOLT (M10X1.5X40-MM)	
M	13	1	8T-4195	4	BOLT (M10X1.5X30-MM)	
M	14	1	8T-4648	4	BOLT (M12X1.75X70-MM)	

M-METRIC PART



GRAPHIC #1

<END>

g02404557

AIR INLET AND EXHAUST SYSTEM

340-7185 TURBOCHARGER GP

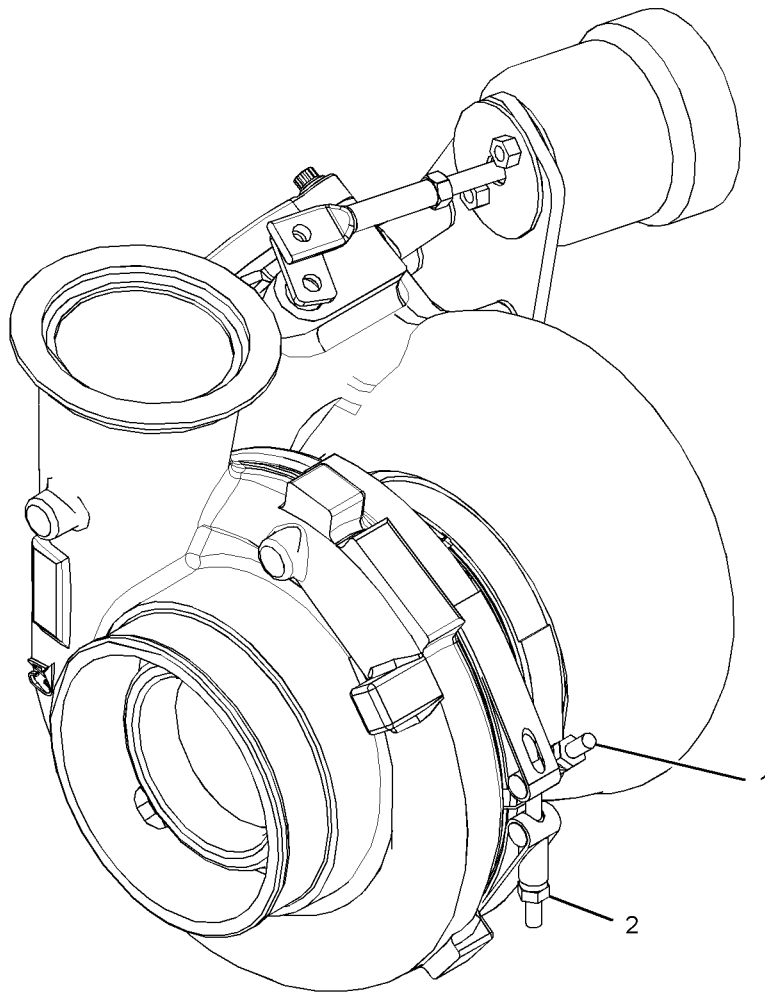
S/N: TXL1-UP; L4X1-UP

PART OF 347-2224 TURBOCHARGER GP

SMCS-1052, 1053

i03852918

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1W-9311	1	CLAMP AS-TURBINE						
	2	1	4W-9977	1	CLAMP AS (COMPRESSOR)						



GRAPHIC #1

<END>

g02223233

AIR INLET AND EXHAUST SYSTEM

347-2224 TURBOCHARGER GP

S/N: TXL1-UP; L4X1-UP

COMPRESSOR OUTLET ROTATED 0 DEG. OUTBOARD FROM ENGINE VERTICAL. OIL INLET
ROTATED 8 DEG. INBOARD FROM ENGINE VERTICAL.

PART OF 365-3722 ENGINE AR-COMPLETE
FOR USE WITH FORWARD EXHAUST MANIFOLD GP.

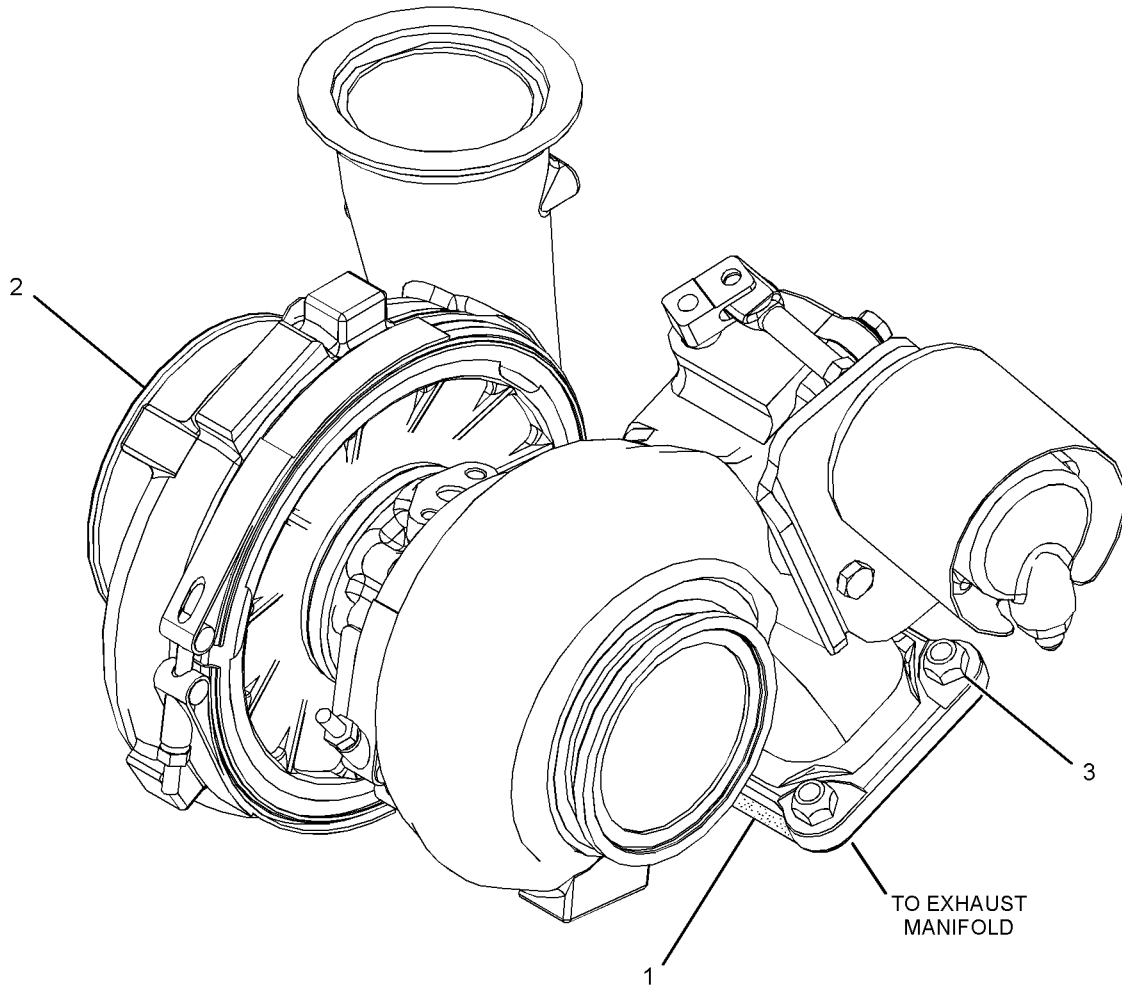
SMCS-1052, 1053

i03852912

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	328-8909	1	GASKET - TURBOCHARGER						
Y	2	1	340-7185	1	TURBOCHARGER GP						188
M	3	1	9X-6620	4	LOCKNUT (M10X1.5-THD)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02197773

AIR INLET AND EXHAUST SYSTEM

347-9433 VALVE & MOUNTING GP (NRS)

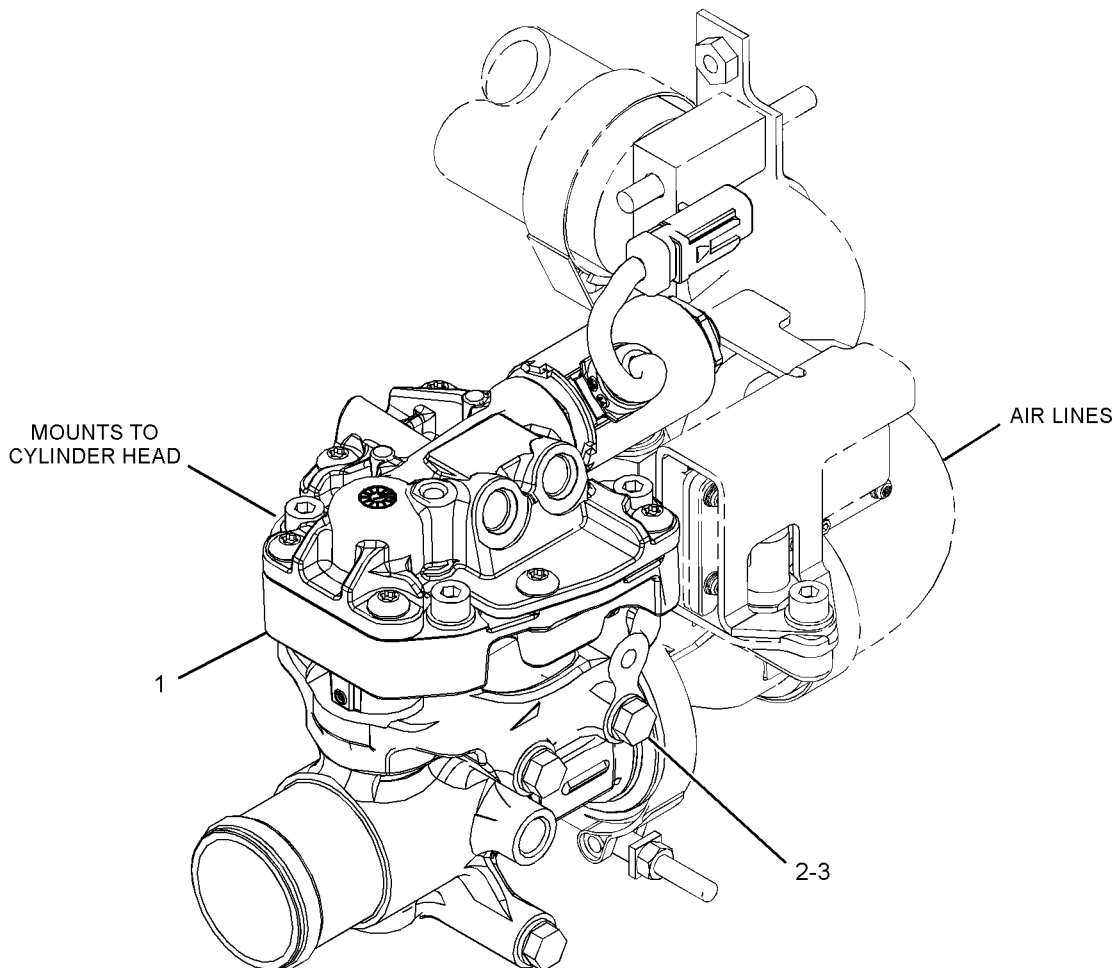
S/N: TXL1-UP; L4X1-UP
PART OF 345-4408 ENGINE AR-CORE

SMCS-3139, 5137, 5479

i04038208

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	337-7323	1	VALVE GP-EXHAUST GAS (NRS)	194
M	2	1	6V-3821	3	BOLT (M8X1.25X110-MM)	
	3	1	9M-1974	3	WASHER-HARD (8.8X16X2-MM THK)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02161613

AIR INLET AND EXHAUST SYSTEM

343-5325 VALVE & MTG GP-AIR CONTROL-ARD COMBUSTION

S/N: T4R1-UP

PART OF 362-8784 MODULE AR-CLEAN EMISSIONS

SMCS-108A

i04219810

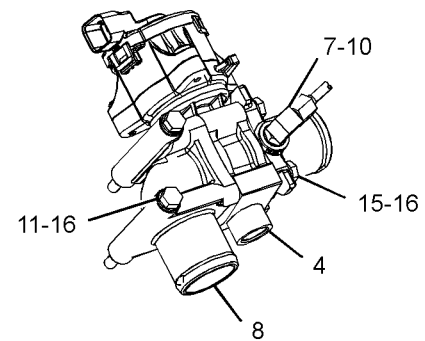
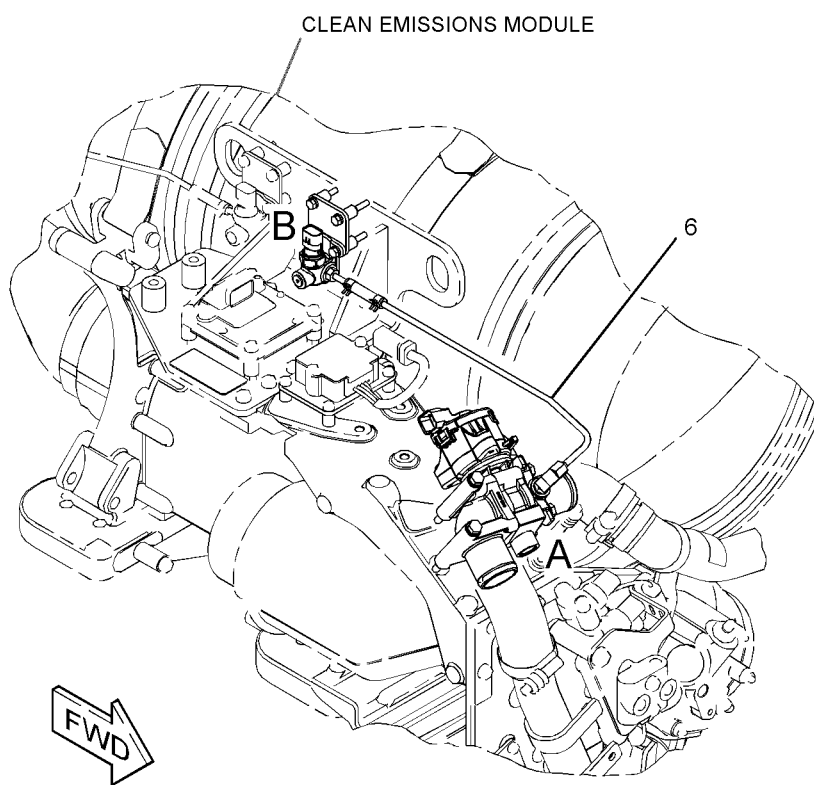
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	127-1991	4	SPACER (8.2X13X15-MM THK)						
	2	1	308-1424	1	HOSE-AIR						
	3	1	315-9841	3	PLUG AS						
					(EACH INCLUDES)						
		1	9S-8007	1	PLUG						
		1	238-5079	1	SEAL-O-RING						
Y	4	1	334-8852	1	VALVE GP-AIR CONTROL (ARD COMBUSTION)						193
	5	1	336-5032	1	PLATE						
	6	1	343-5329	1	TUBE AS						
	7	1	343-8108	1	ELBOW-AIR INLET						
	8	1	343-8109	1	ELBOW-OUTLET						
Y	9	1	343-8110	1	SENSOR GP-PRESSURE (ARD COMBUSTION AIR)						282
	10	1	343-8115	1	ELBOW AS						
		1	030-7946	1	ELBOW						
		1	214-7566	1	SEAL-O-RING						
	11	1	344-1195	2	BOLT (M8X1.25X100-MM)						
	12	1	344-1198	3	BOLT (M6X1X45-MM)						
	13	1	344-1200	4	WASHER-HARD (6.6X12X2-MM THK)						
	14	1	195-8372	2	CLIP						
	15	1	265-3253	4	BOLT (M8X1.25X60-MM)						
	16	1	311-8366	6	WASHER-HARD (8.8X16X2-MM THK)						
	17	1	337-8767	1	CONNECTOR AS						
		1	238-5079	1	SEAL-O-RING						
		1	337-8766	1	CONNECTOR						
	18	1	344-1208	1	BOLT (M6X1X35-MM)						

Y-SEPARATE ILLUSTRATION

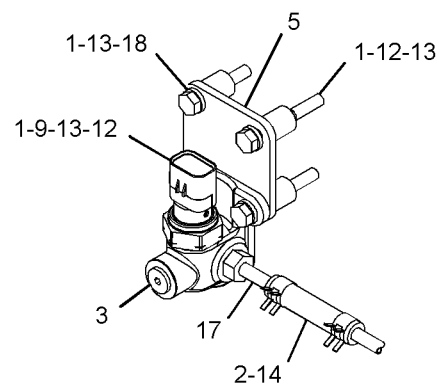
AIR INLET AND EXHAUST SYSTEM

343-5325 VALVE & MTG GP-AIR CONTROL (contd.)

i04219810



VIEW OF AREA A



VIEW OF AREA B

GRAPHIC #1

<END>

g02416519

AIR INLET AND EXHAUST SYSTEM

334-8852 VALVE GP-AIR CONTROL-ARD COMBUSTION

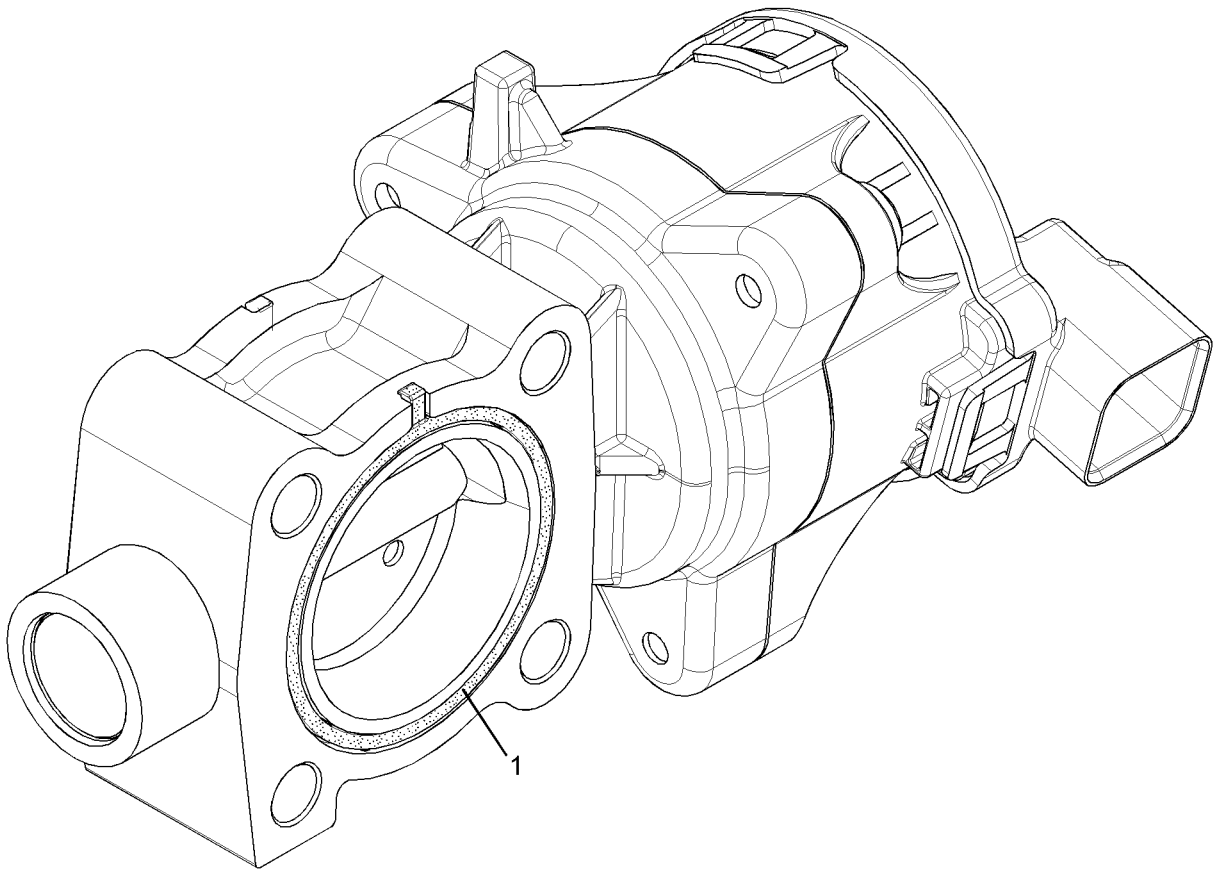
S/N: T4R1-UP

PART OF 343-5325 VALVE & MTG GP-AIR CONTROL

SMCS-108A, 5506

i04191874

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	348-8778	2	SEAL						



GRAPHIC #1

<END>

g02383660

AIR INLET AND EXHAUST SYSTEM

337-7323 VALVE GP-EXHAUST GAS (NRS)

S/N: TXL1-UP; L4X1-UP

PART OF 347-9433 VALVE & MOUNTING GP (NRS)

SMCS-3139, 5137, 5479

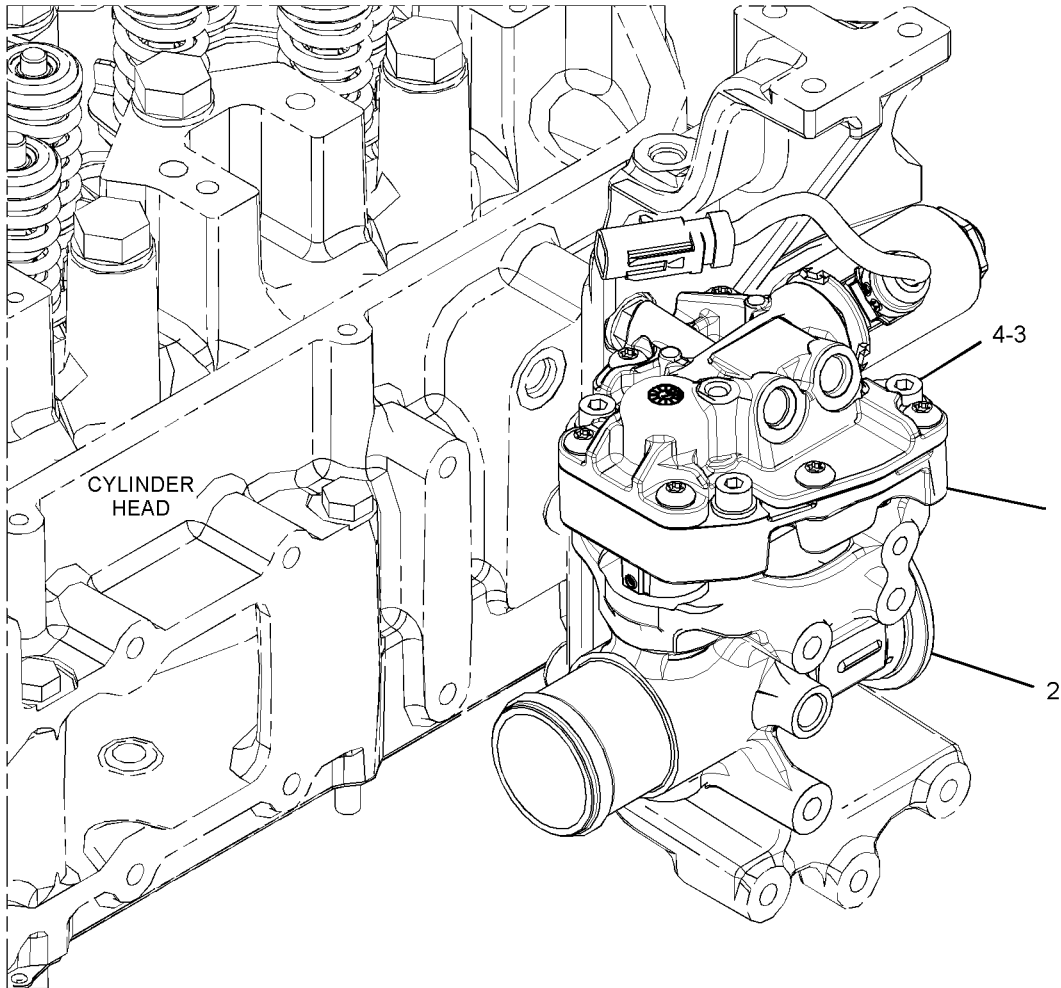
i03977633

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	338-1913	1	ACTUATOR GP-ROTARY (NOX REDUCTION SYSTEM)	128
	2	1	340-7208	1	VALVE GP-EXHAUST GAS (NRS)	
		1	7X-4744	1	SEAL-O-RING	
M	3	1	297-1003	4	BOLT-SOCKET HEAD (M8X1.25X45-MM)	
	4	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)	
F			7X-4744	1	SEAL-O-RING	

F-NOT SHOWN

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02080574

AIR INLET AND EXHAUST SYSTEM

331-9208 VALVE GP-SOLENOID-ARD MAIN FUEL

S/N: T4R1-UP

12-VOLT

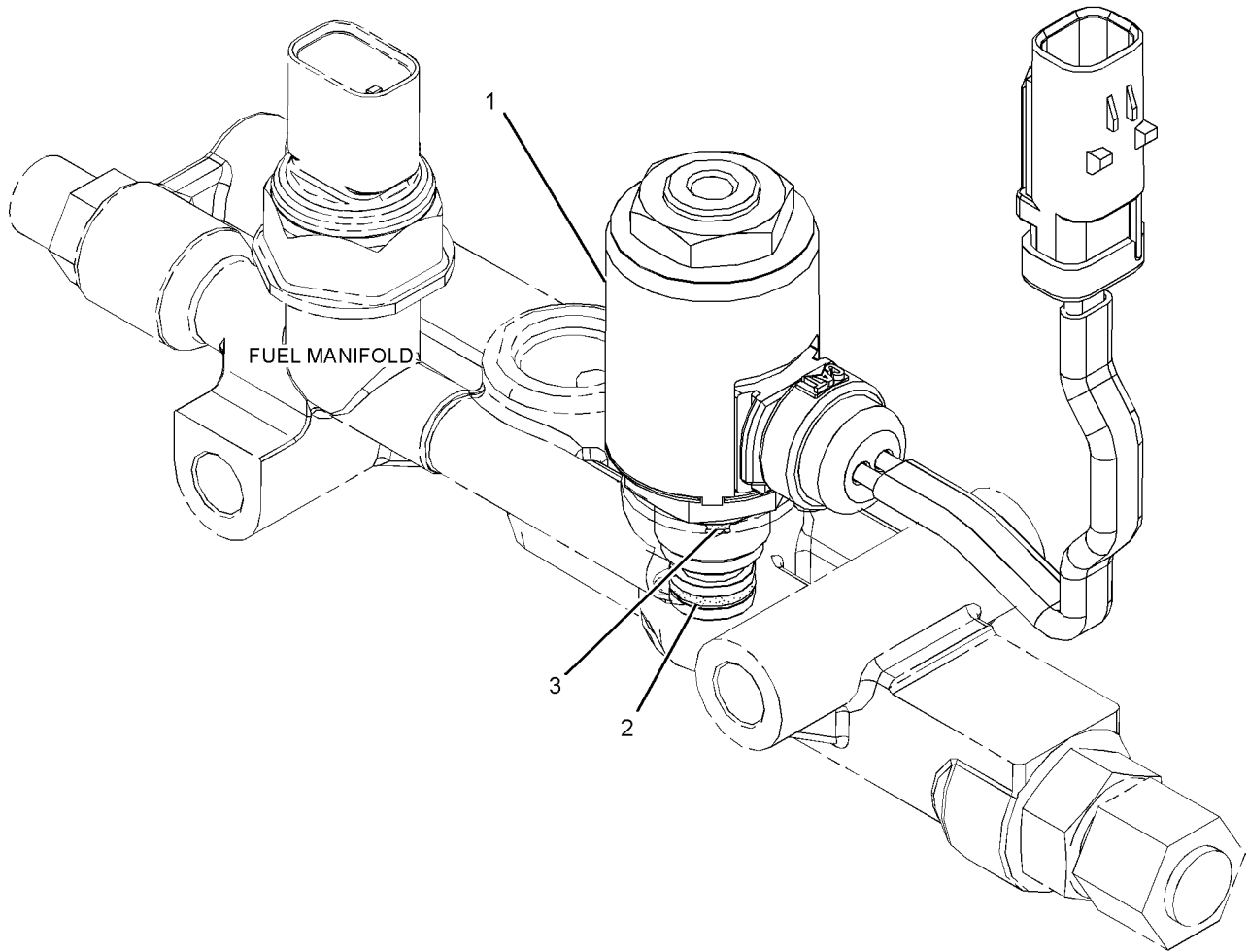
PART OF 344-0390 MANIFOLD GP-EXHAUST COMBUSTION

SMCS-1061, 5479

i03865796

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	344-6590	1	COIL AS (12-VDC)						
		1	8T-8729	2	PIN-CONNECTOR (16-GA TO 18-GA)						
E		1	9X-1813		SLEEVE (11-CM)						
		1	238-8246	1	RECEPTACLE AS						
	2	1	033-5879	1	SEAL-O-RING						
	3	1	3K-0360	1	SEAL-O-RING						

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g02150414

AIR INLET AND EXHAUST SYSTEM

342-0636 VALVE GP-SOLENOID-NOX REDUCTION SYSTEM

S/N: TXL1-UP; L4X1-UP

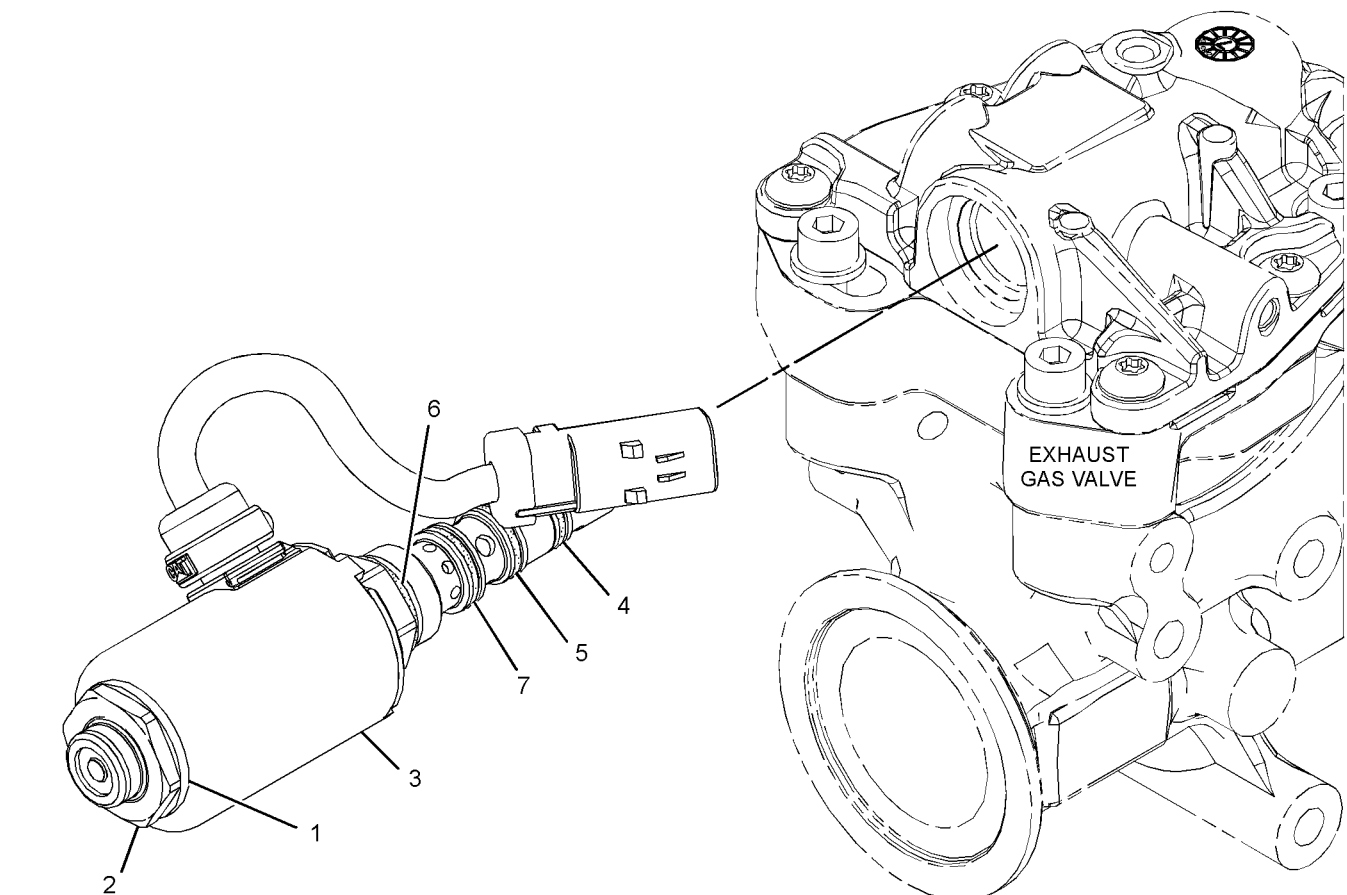
PART OF 338-1913 ACTUATOR GP-ROTARY

SMCS-1061, 5479

i03828963

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	191-9247	1	WASHER (19.15X31.65X2.36-MM THK)						
	2	1	198-2914	1	NUT (3/4-32-THD)						
	3	1	309-4101	1	COIL AS						
		1	8T-8729	2	PIN-CONNECTOR (16-GA TO 18-GA)						
E		1	9X-1813		SLEEVE (10-CM)						
		1	230-4012	1	RECEPTACLE AS-CONNECTOR (2-PIN)						
	4	1	033-6033	1	SEAL-O-RING						
	5	1	033-6043	1	SEAL-O-RING						
	6	1	6V-4589	1	SEAL-O-RING						
	7	1	8L-2746	1	SEAL-O-RING						

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g02080473

AIR INLET AND EXHAUST SYSTEM

348-5722 VALVE GP-SOLENOID-EXHAUST BALANCE

S/N: TXL1-UP; L4X1-UP

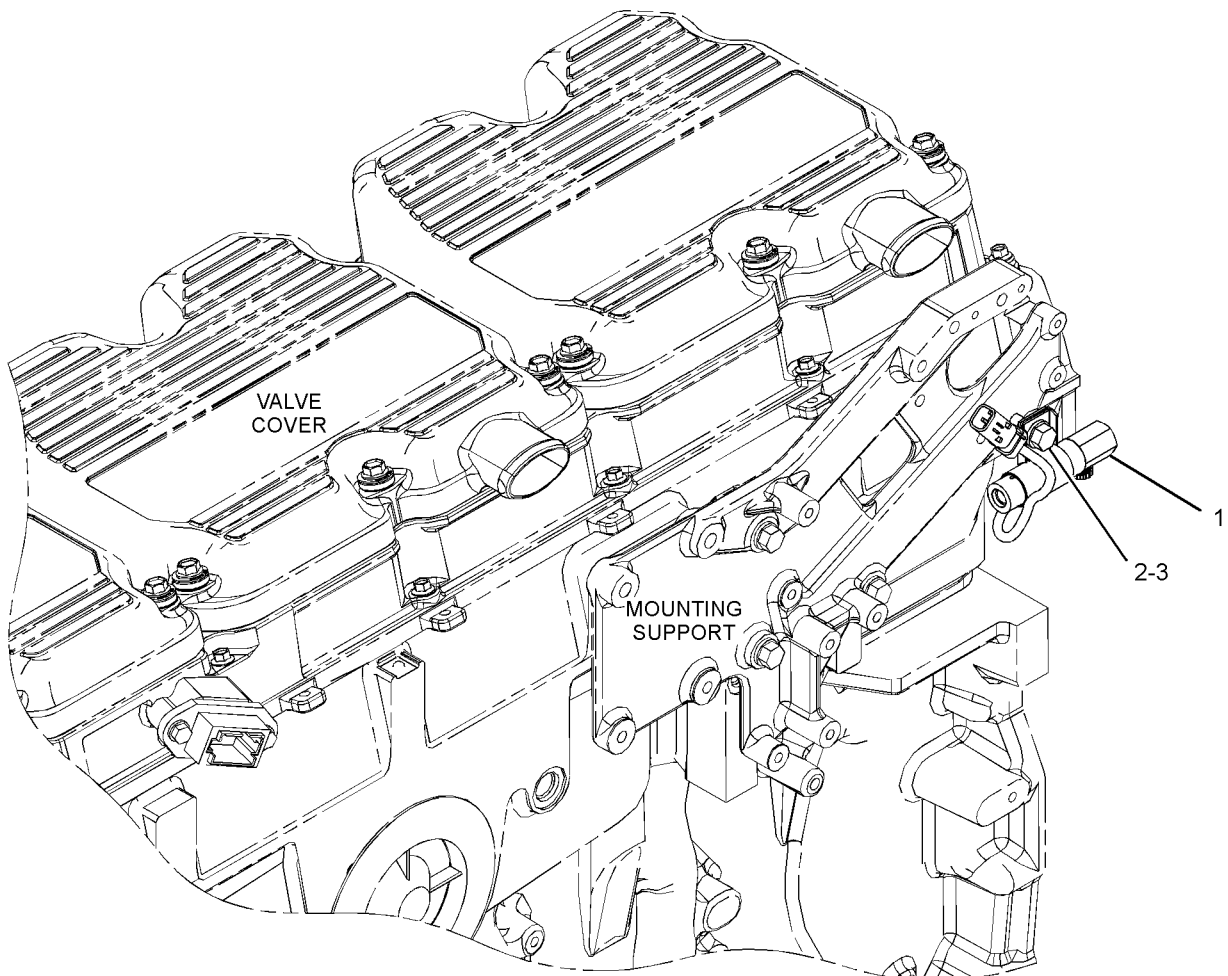
24-VOLT, PROVIDES ACTUATOR FOR BALANCE VALVE LINES GROUP, TO PROVIDE A
PRESSURE REFERENCE FROM AIR INLET MIXER TO BALANCE VALVE ACTUATOR

PART OF 365-3722 ENGINE AR-COMPLETE

SMCS-1061, 5479

i04050231

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	344-6043	1	VALVE GP-AIR CONTROL						
	2	1	0L-1351	1	BOLT (3/8-16X0.875-IN)						
	3	1	5M-2894	1	WASHER-HARD (10.2X18.5X2.5-MM THK)						



GRAPHIC #1

<END>

g02287436

FUEL SYSTEM

343-8126 BASE GP-FUEL FILTER

S/N: TXL1-UP; L4X1-UP

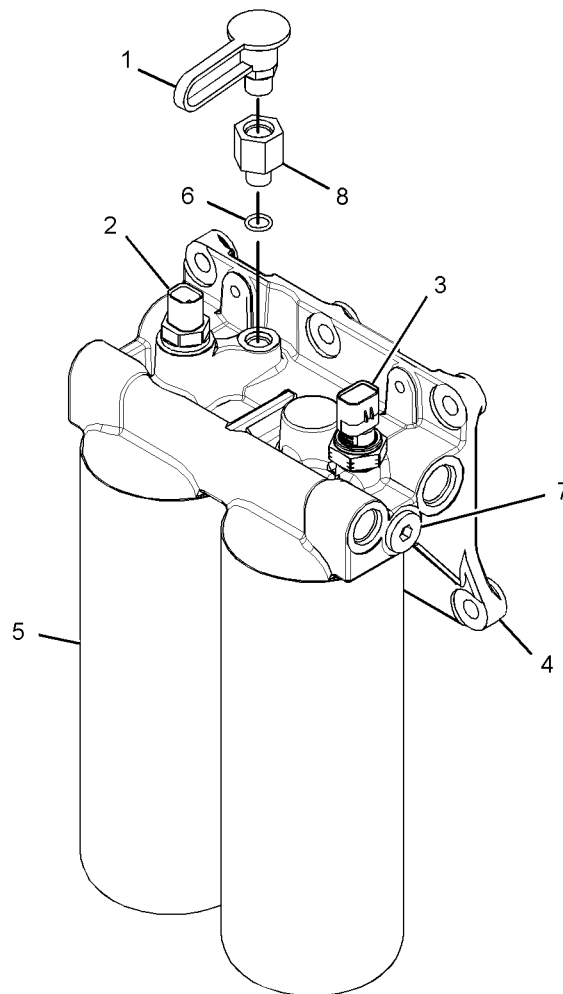
PART OF 346-1451 FILTER GP-FUEL

SMCS-1262

i04273029

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	123-0783	1	VALVE GP-FLUID SAMPLING (FUEL)	222
Y	2	1	234-5013	1	SENSOR GP-TEMPERATURE	293
Y	3	1	325-8634	1	SENSOR GP-PRESSURE	277
	4	1	348-7307	1	BASE AS-FUEL FILTER	
		1	9S-4167	2	STUD-HOLLOW (1-14X1.47-IN)	
	5	1	1R-0749	2	FILTER-FUEL (ADVANCED EFFICIENCY)	
	6	1	214-7567	1	SEAL-O-RING	
	7	1	307-2673	1	PLUG AS	
		1	9S-8005	1	PLUG-O-RING	
		1	238-5080	1	SEAL-O-RING	
	8	1	5P-1318	1	ADAPTER	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02091213

FUEL SYSTEM

346-1451 FILTER GP-FUEL

S/N: TXL1-UP; L4X1-UP

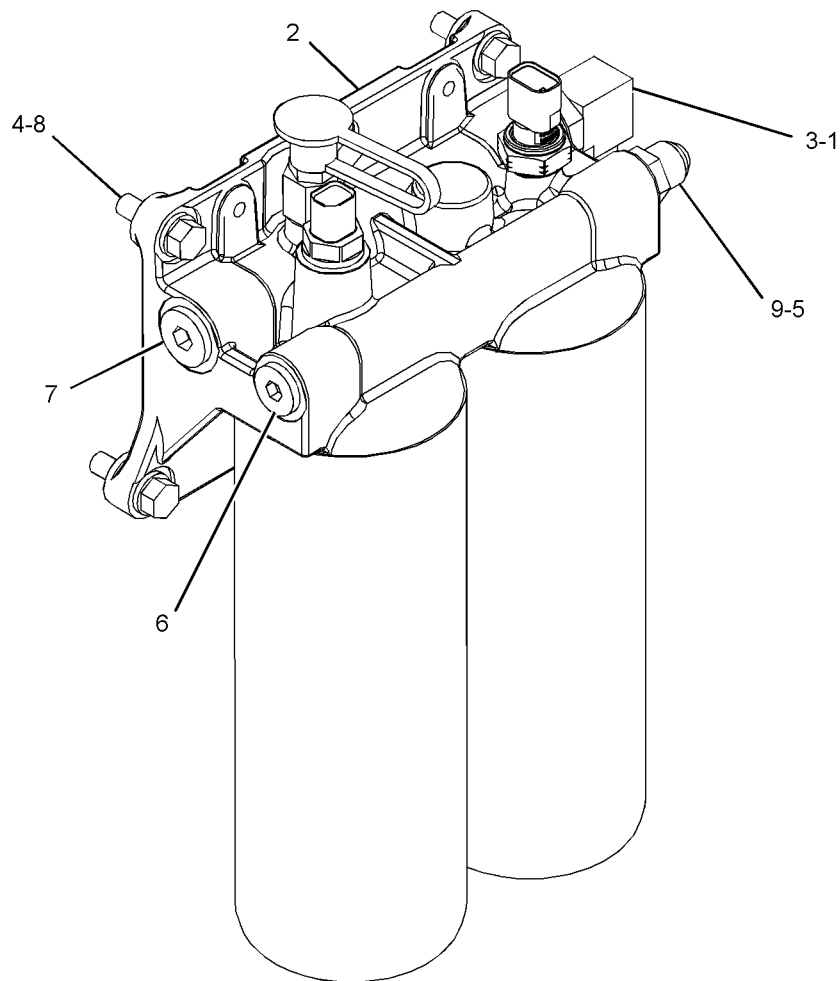
PART OF 365-3722 ENGINE AR-COMPLETE
FOR USE WITH MACHINE MOUNTED PRIMARY FILTER

SMCS-1261

i03879160

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	238-5081	1	SEAL-O-RING						
Y	2	1	343-8126	1	BASE GP-FUEL FILTER						198
	3	1	005-4173	1	ELBOW						
	4	1	0S-1588	5	BOLT (3/8-16X1.25-IN)						
	5	1	238-5080	1	SEAL-O-RING						
	6	1	307-2673	1	PLUG AS						
		1	9S-8005	1	PLUG-O-RING						
		1	238-5080	1	SEAL-O-RING						
	7	1	309-5131	1	PLUG AS						
		1	9S-8006	1	PLUG-O-RING						
		1	238-5081	1	SEAL-O-RING						
	8	1	5M-2894	5	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	9	1	8M-0505	1	CONNECTOR						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02198133

FUEL SYSTEM

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

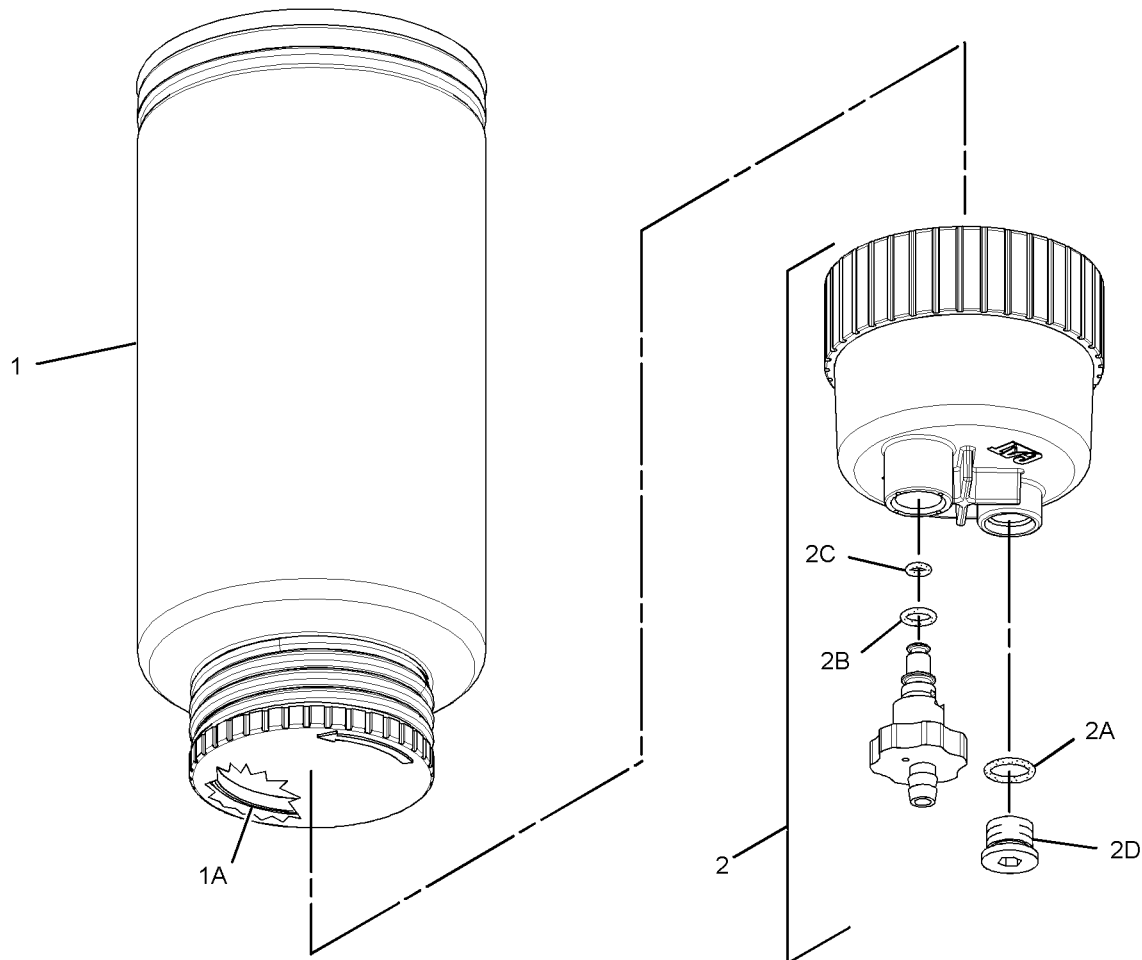
S/N: T4R1-UP

PART OF 360-1693 PUMP GP-FUEL PRM & PRIM FILTER

SMCS-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-O-RING						



GRAPHIC #1

<END>

g01944750

FUEL SYSTEM

359-4020 INJECTOR GP-FUEL

S/N: TXL1-UP; L4X1-UP

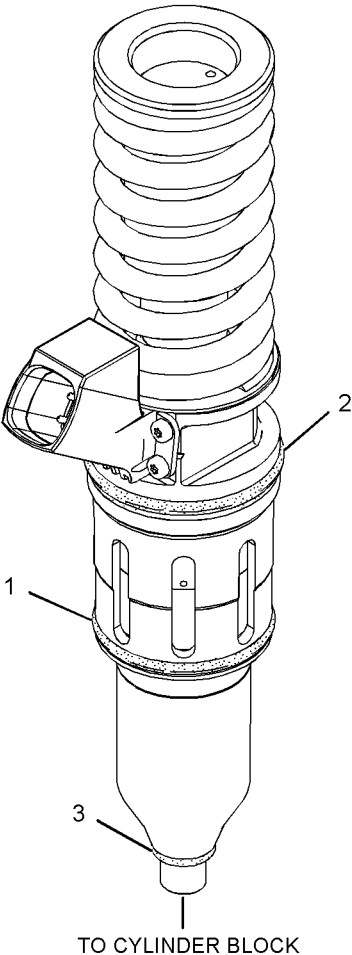
INJECTOR HAS 5 HOLE TIP WITH SPRAY ANGLE 130 DEGREES AND NOZZLE STEADY FLOW
2.64A0.05 KG/MIN, PROVIDES A FUEL INJECTOR WITH ADAPTIVE TRIM

PART OF 366-2070 PUMP GP-FUEL INJECTION
FOR USE WITH ATK735, ATK740, LTTD8

SMCS-1251, 1254, 1290, 1713

i04109117

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



GRAPHIC #1

<END>

g02264857

FUEL SYSTEM

291-8927 LINES GP-FUEL

S/N: T4R1-UP

PART OF 291-8722 POWER TRAIN AR

SMCS-1274

i04173592

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3W-9670	3	BOSS	
	2	1	6U-0455	12	STRAP	
	3	1	6U-2703	1	BRACKET-ANGLE	
	4	1	6U-3890	1	CLIP	
	5	1	7T-9985	1	CLIP	
	6	1	8T-9655	8	MOUNT-ISOLATION	
Y	7	1	123-0783	1	VALVE GP-FLUID SAMPLING (FUEL)	222
	8	1	191-1782	1	SPACER (8.5X12.7X38.2-MM THK)	
	9	1	203-2107	1	HOSE	
	10	1	232-1374	1	BRACKET	
	11	1	232-1376	2	SPACER (8.5X12.7X139.1-MM THK)	
	12	1	290-5562	1	MOUNT (DUAL SWIVEL)	
I	13	1	347-9203	1	HOSE AS	
I	14	1	352-5885	1	HOSE AS	
I	15	1	352-5887	1	HOSE AS	
I	16	1	352-6032	1	HOSE AS	
I	17	1	352-6033	1	HOSE AS	
Y	18	1	360-1693	1	PUMP GP-FUEL PRM & PRIM FILTER	212
I	19	1	361-0173	1	HOSE AS	
I	20	1	365-5412	1	HOSE AS	
I	21	1	365-5415	1	HOSE AS	
	22	1	228-7090	4	SEAL-O-RING	
	23	1	281-5976	1	ELBOW AS	
		1	6V-8629	1	ELBOW	
		1	228-7092	1	SEAL-O-RING	
		1	238-5081	1	SEAL-O-RING	
24	1	1	281-5977	1	CONNECTOR AS	
		1	6V-8642	1	CONNECTOR	
		1	228-7091	1	SEAL-O-RING	
		1	238-5081	1	SEAL-O-RING	
25	1	1	281-5978	1	CONNECTOR AS	
		1	6V-8640	1	CONNECTOR	
		1	228-7092	1	SEAL-O-RING	
		1	238-5081	1	SEAL-O-RING	
26	1	1	297-7999	1	ELBOW AS	
		1	8T-2530	1	ELBOW	
		1	228-7091	1	SEAL-O-RING	
		1	238-5080	1	SEAL-O-RING	
27	1	1	303-1506	1	ELBOW AS	
		1	4K-6297	1	ELBOW	
		1	214-7568	1	SEAL-O-RING	
28	1	1	309-5131	2	PLUG AS	
					(EACH INCLUDES)	
		1	9S-8006	1	PLUG-O-RING	
		1	238-5081	1	SEAL-O-RING	
29	1	1	319-6225	1	ELBOW AS	
		1	6V-8625	1	ELBOW	
		1	228-7090	1	SEAL-O-RING	
		1	238-5080	1	SEAL-O-RING	
30	1	1	319-6226	1	ELBOW AS	
		1	8T-6876	1	ELBOW	
		1	214-7568	1	SEAL-O-RING	
		1	228-7090	1	SEAL-O-RING	
31	1	1	319-6228	2	ELBOW AS	
					(EACH INCLUDES)	
		1	6V-8721	1	ELBOW	

FUEL SYSTEM

291-8927 LINES GP-FUEL (contd.)

i04173592

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	228-7090	1	SEAL-O-RING						
		1	238-5081	1	SEAL-O-RING						
	32	1	321-8614	1	ELBOW AS						
		1	8T-7521	1	ELBOW						
		1	214-7568	1	SEAL-O-RING						
		1	228-7090	1	SEAL-O-RING						
	33	1	321-8657	1	ELBOW AS						
		1	6V-8076	1	ELBOW						
		1	214-7568	1	SEAL-O-RING						
	34	1	3U-2754	3	CLIP						
	35	1	5P-7468	2	CLIP (SLOT)						
	36	1	5P-7469	2	CLIP (TAB)						
	37	1	5P-7470	5	CLIP (SLOT)						
	38	1	5P-7471	5	CLIP (TAB)						
	39	1	5P-7703	5	GROMMET						
	40	1	6V-8988	2	ELBOW						
	41	1	6V-9169	2	NUT (13/16-16-THD)						
	42	1	7S-8920	1	CLIP (SLOT)						
	43	1	7S-8921	1	CLIP (TAB)						
	44	1	7X-0579	6	WASHER-HARD (8.8X25.5X2-MM THK)						
M	45	1	7X-2550	1	BOLT (M12X1.75X110-MM)						
	46	1	8T-2525	2	GROMMET						
	47	1	8T-4121	9	WASHER-HARD (11X21X2.5-MM THK)						
	48	1	8T-4123	4	WASHER (22X35X3.5-MM THK)						
M	49	1	8T-4133	2	NUT (M10X1.5-THD)						
M	50	1	8T-4136	1	BOLT (M10X1.5X25-MM)						
M	51	1	8T-4137	1	BOLT (M10X1.5X20-MM)						
M	52	1	8T-4182	2	BOLT (M10X1.5X45-MM)						
M	53	1	8T-4183	2	BOLT (M12X1.75X40-MM)						
M	54	1	8T-4195	2	BOLT (M10X1.5X30-MM)						
	55	1	8T-4223	9	WASHER-HARD (13.5X25.5X3-MM THK)						
M	56	1	8T-4244	4	NUT (M12X1.75-THD)						
M	57	1	8T-4956	2	BOLT (M12X1.75X35-MM)						
M	58	1	8T-6466	1	BOLT (M10X1.5X60-MM)						
M	59	1	8T-6869	1	BOLT (M8X1.25X60-MM)						
M	60	1	8T-7352	2	BOLT (M8X1.25X160-MM)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM

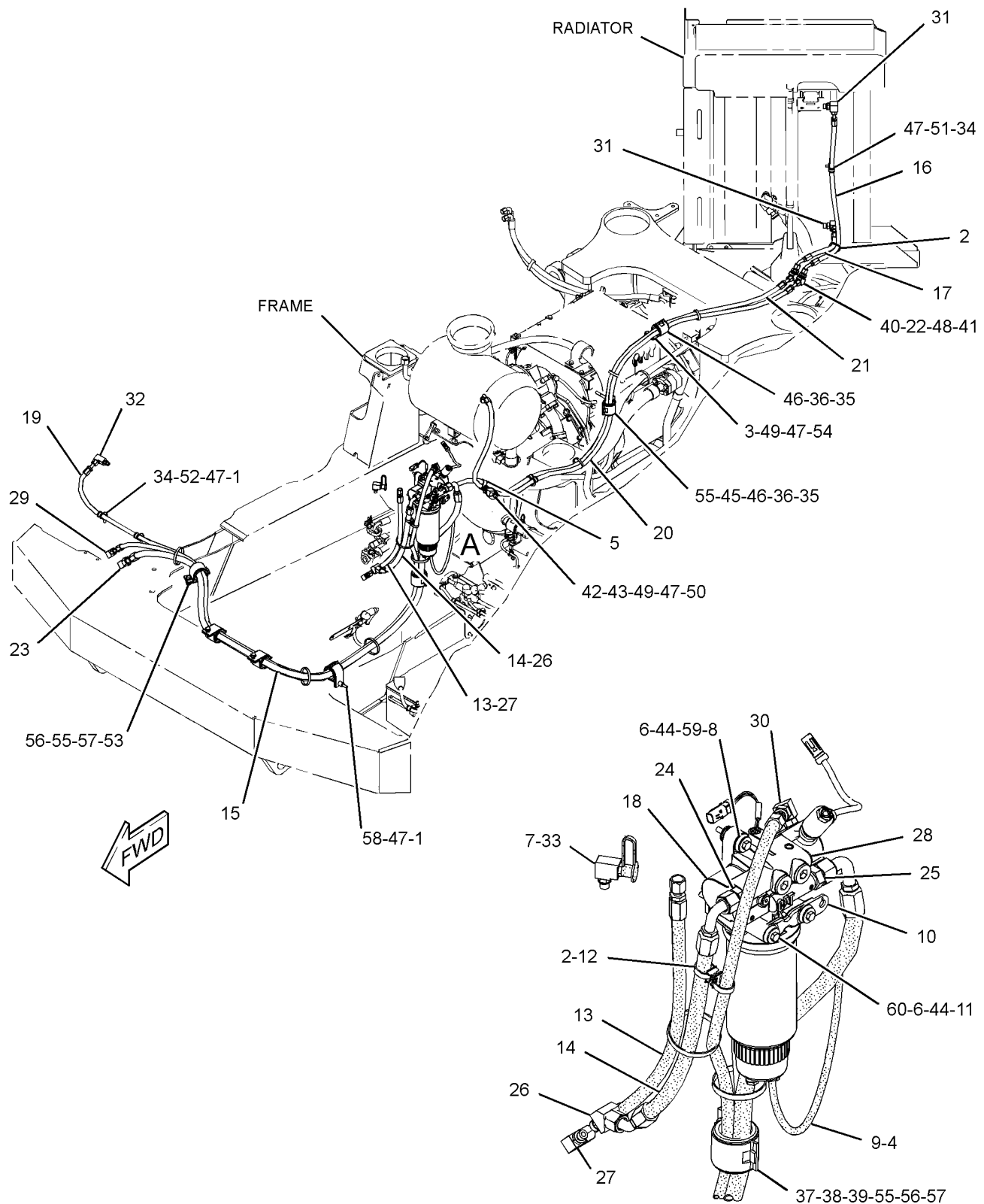
M-METRIC PART

Y-SEPARATE ILLUSTRATION

FUEL SYSTEM

291-8927 LINES GP-FUEL (contd.)

i04173592



VIEW OF AREA A

GRAPHIC #1

<END>

g02424200

FUEL SYSTEM

346-1450 LINES GP-FUEL

S/N: TXL1-UP; L4X1-UP

PROVIDES A FUEL LINES GROUP FOR FUEL TRANSFER BETWEEN THE FUEL TRANSFER PUMP THROUGH THE HEAD TO THE PRESSURE REGULATOR.

PART OF 365-3722 ENGINE AR-COMPLETE

FOR USE WITH HIGH MOUNT LHS SECONDARY FUEL FILTERS AND MACHINE MOUNTED PRIMARY FILTER

SMCS-1274

i04174245

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	325-3234	1	TUBE	AS					
I	2	1	330-7736	1	HOSE	AS					
	3	1	344-7826	1	MANIFOLD-FUEL						
I	4	1	347-9202	1	HOSE	AS					
I	5	1	347-9203	1	HOSE	AS					
Y	6	1	352-8928	1	REGULATOR GP-FUEL	PRESSURE					214
	7	1	183-3407	1	PLUG	AS					
		1	9S-8004	1	PLUG-O-RING						
		1	214-7568	1	SEAL-O-RING						
	8	1	1B-2713	2	BOLT (1/4-20X1.75-IN)						
	9	1	303-1506	1	ELBOW	AS					
		1	4K-6297	1	ELBOW						
		1	214-7568	1	SEAL-O-RING						
10	1	1	313-9614	2	ADAPTER	AS					
					(EACH INCLUDES)						
		1	2R-6806	1	CONNECTOR-O-RING						
		1	214-7568	1	SEAL-O-RING						
11	1	1	319-6217	1	CONNECTOR	AS					
		1	6V-8639	1	CONNECTOR						
		1	228-7090	1	SEAL-O-RING						
		1	238-5080	1	SEAL-O-RING						
12	1	1	321-8632	1	CONNECTOR	AS					
		1	6V-8632	1	CONNECTOR						
		1	228-7091	1	SEAL-O-RING						
		1	238-5080	1	SEAL-O-RING						
13	1	1	332-8555	1	CONNECTOR	AS					
		1	8M-0506	1	ADAPTER-O-RING						
		1	214-7568	1	SEAL-O-RING						
14	1	1	353-5108	1	ELBOW	AS					
		1	2P-7214	1	ELBOW						
		1	214-7568	1	SEAL-O-RING						
15	1	1	4B-3388	2	BOLT (5/16-18X1.125-IN)						
16	1	1	5P-0537	2	WASHER-HARD (7.2X14.5X2-MM THK)						
17	1	1	6V-9830	1	CAP	AS					
18	1	1	6V-9831	1	CAP	AS					
19	1	1	9M-1974	2	WASHER-HARD (8.8X16X2-MM THK)						
E	20	1	7X-7702		CONDUIT-FLEXIBLE (23.35-MM ID, SPLIT)	(23-CM)					

E-ORDER BY THE CENTIMETER

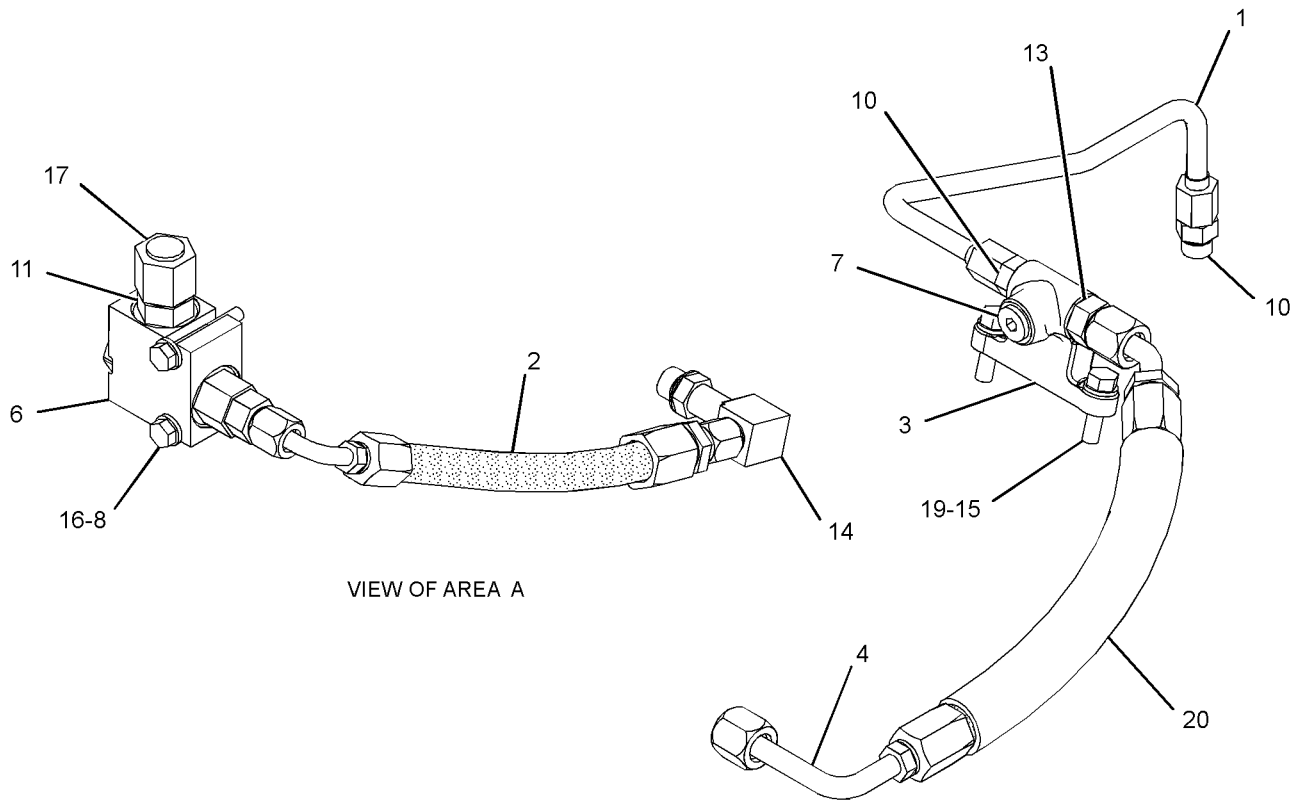
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Y-SEPARATE ILLUSTRATION

FUEL SYSTEM

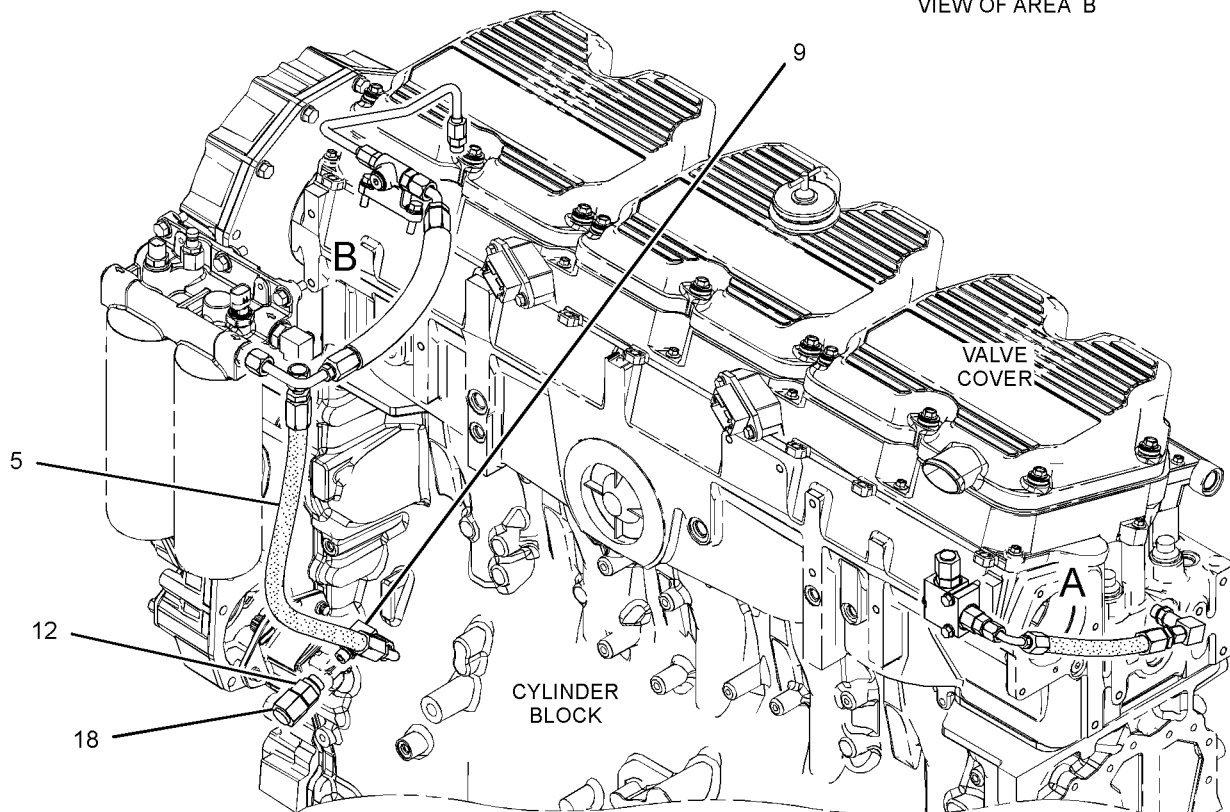
346-1450 LINES GP-FUEL (contd.)

i04174245



VIEW OF AREA A

VIEW OF AREA B



GRAPHIC #1

<END>

g02371777

FUEL SYSTEM

355-6975 MANIFOLD & MTG GP-FUEL- AFTERTREATMENT REGEN DEVICE

S/N: T4R1-UP

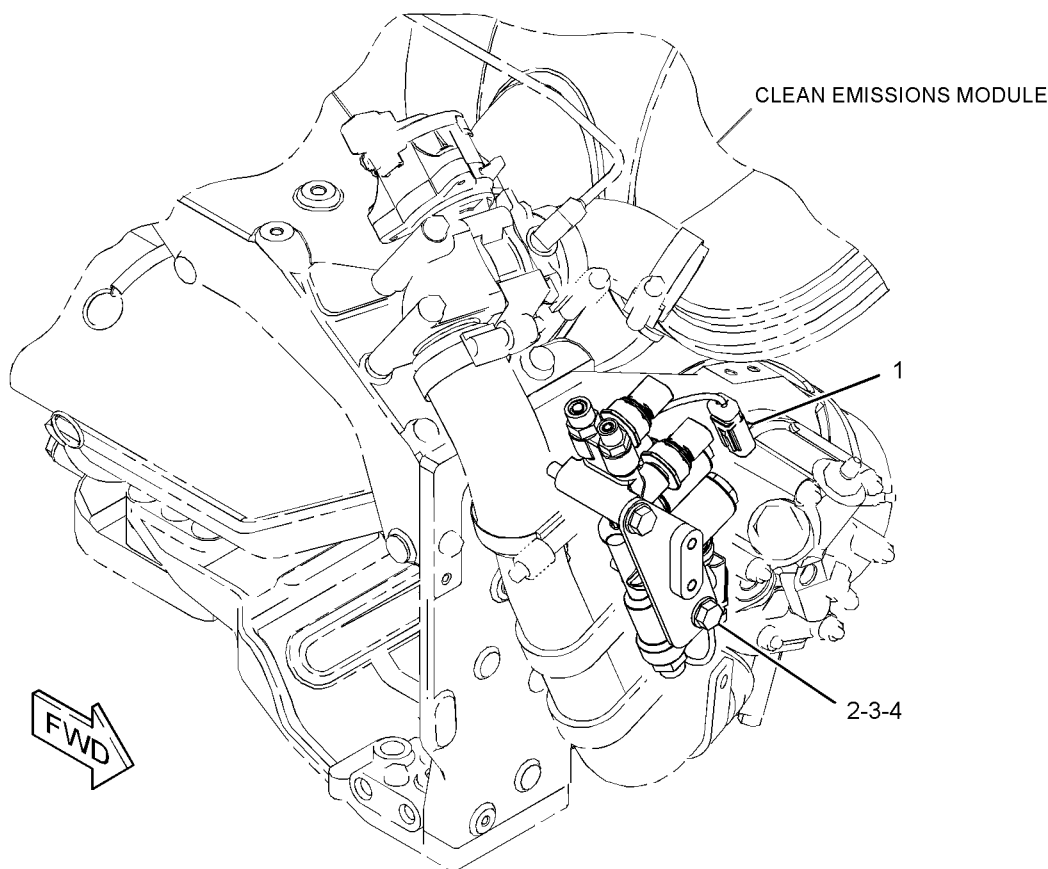
PART OF 362-8784 MODULE AR-CLEAN EMISSIONS

SMCS-1274, 1380, 1702

i04219817

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	344-0390	1	MANIFOLD GP-EXHAUST COMBUSTION (AFTERTREATMENT REGEN DEVICE)	172
	2	1	355-6976	1	PLATE AS	
	3	1	344-1190	2	BOLT (M10X1.5X80-MM)	
	4	1	344-1199	2	WASHER-HARD (11X21X2.5-MM THK)	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02418616

FUEL SYSTEM

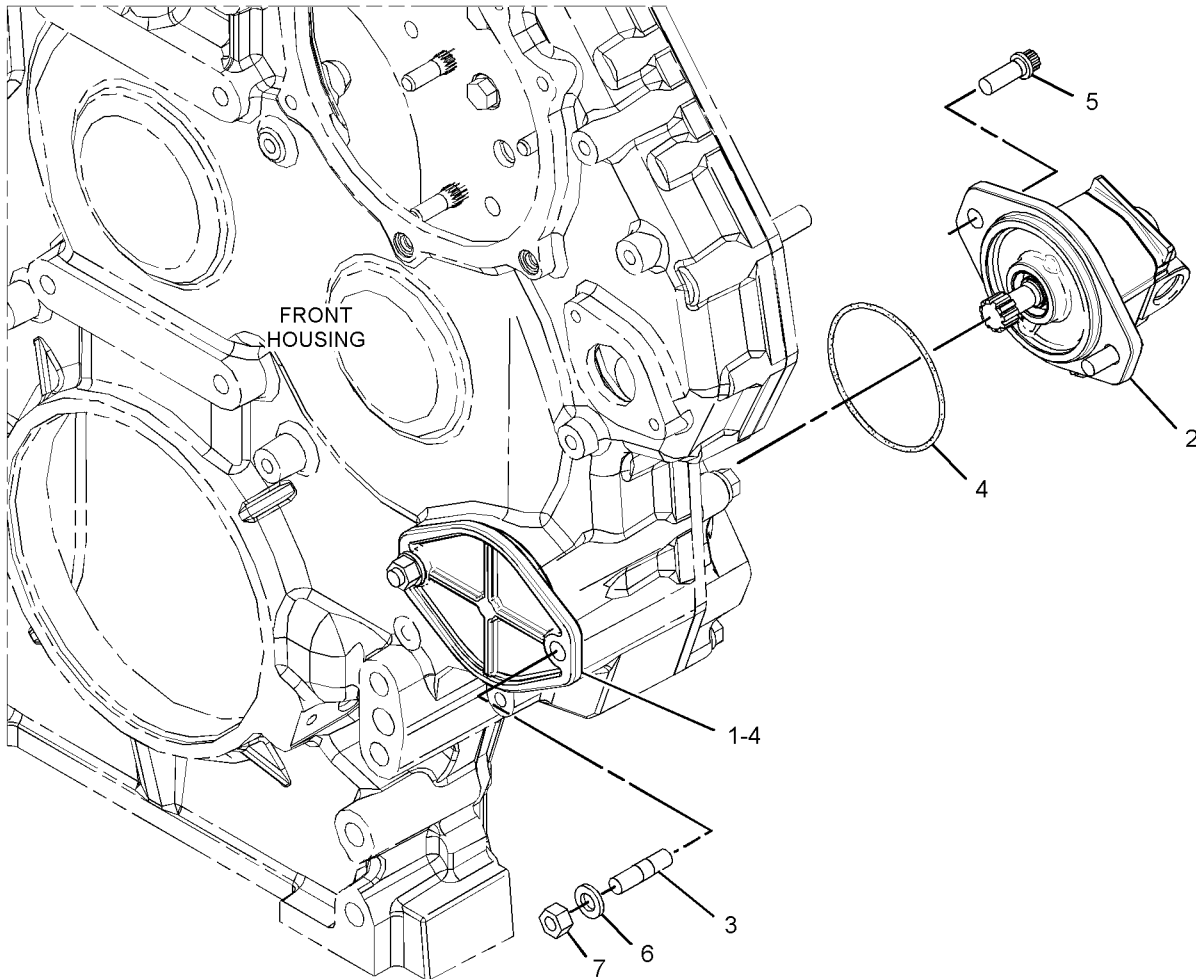
344-3592 PUMP & MTG GP-FUEL TRANSFER

S/N: TXL1-UP; L4X1-UP
PART OF 365-3722 ENGINE AR-COMplete
FOR USE WITH ADAPTER GROUP

SMCS-1256

i03821273

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						
	2	1	327-7024	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)						



GRAPHIC #1

<END>

g02088311

FUEL SYSTEM

347-6271 PUMP & MTG GP-FUEL TRANSFER

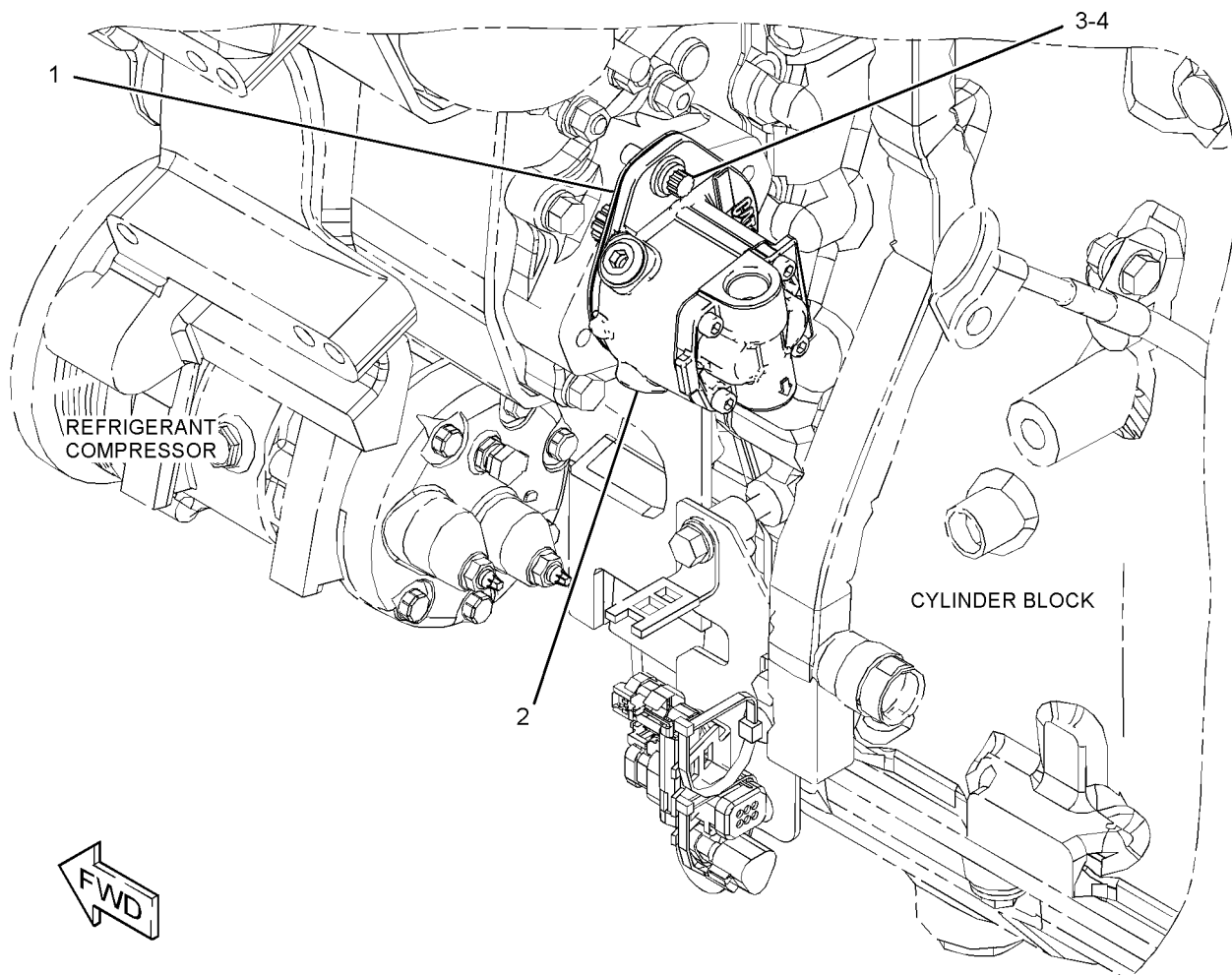
S/N: T4R1-UP

PART OF 291-8722 POWER TRAIN AR

SMCS-1256

i04171568

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	117-5268	1	GASKET						
	2	1	327-7024	1	PUMP GP-FUEL TRANSFER						
	3	1	1T-0765	2	BOLT (3/8-16X1-IN)						
	4	1	8T-4896	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						



GRAPHIC #1

<END>

g02405116

FUEL SYSTEM

366-2070 PUMP GP-FUEL INJECTION

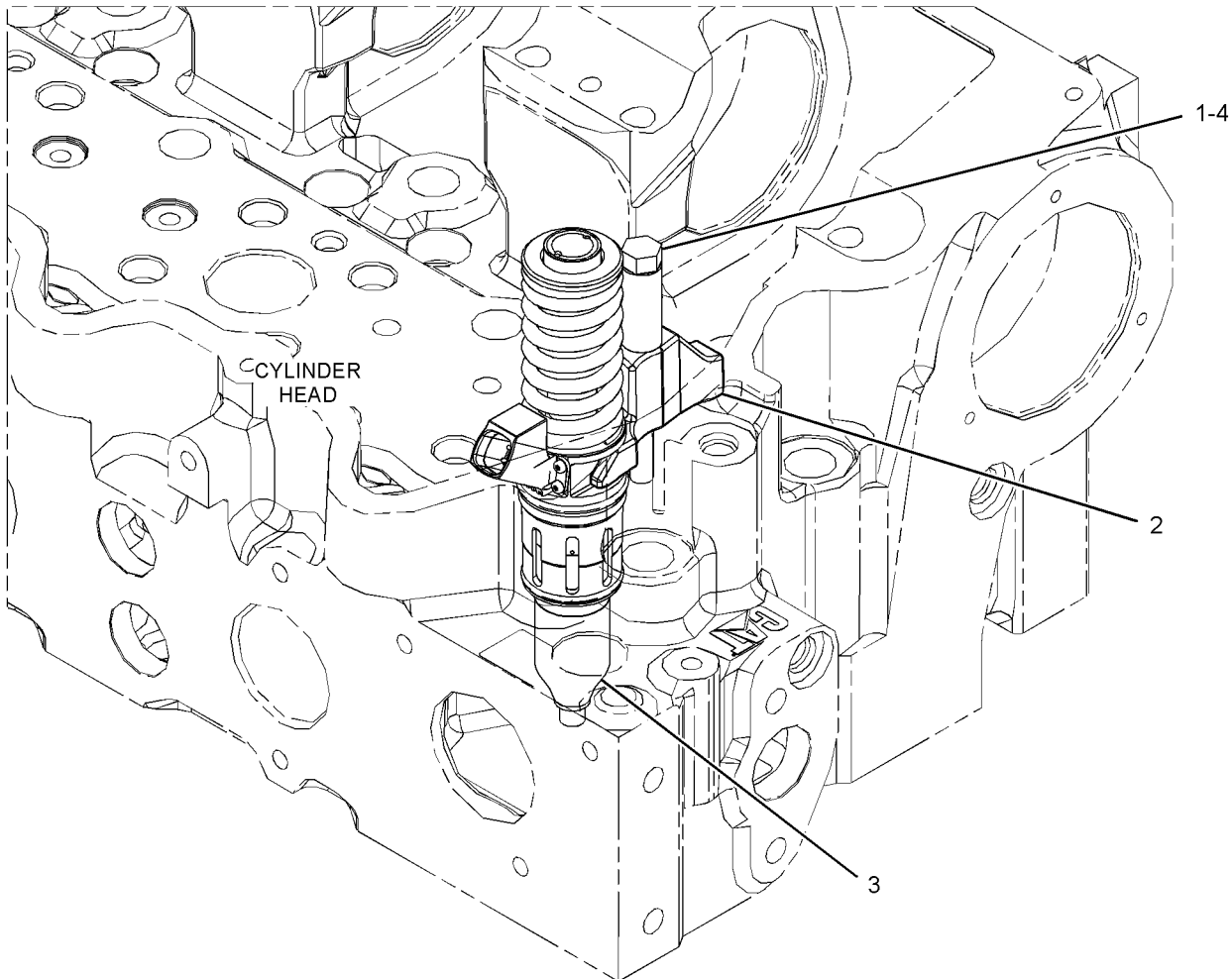
S/N: TXL1-UP; L4X1-UP

PROVIDES FUEL INJECTION PUMP WITH ADAPTIVE TRIM
PART OF 345-4408 ENGINE AR-CORE

SMCS-1251, 1290

i04109116

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	100-5072	1	SPACER (9.8X15.85X37.6-MM THK)						
	2	1	261-0670	1	CLAMP						
Y	3	1	359-4020	1	INJECTOR GP-FUEL						201
	4	1	8S-9191	1	BOLT (3/8-16X4-IN)						
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g02319306

FUEL SYSTEM

361-5084 PUMP GP-FUEL PRIMING

S/N: T4R1-UP

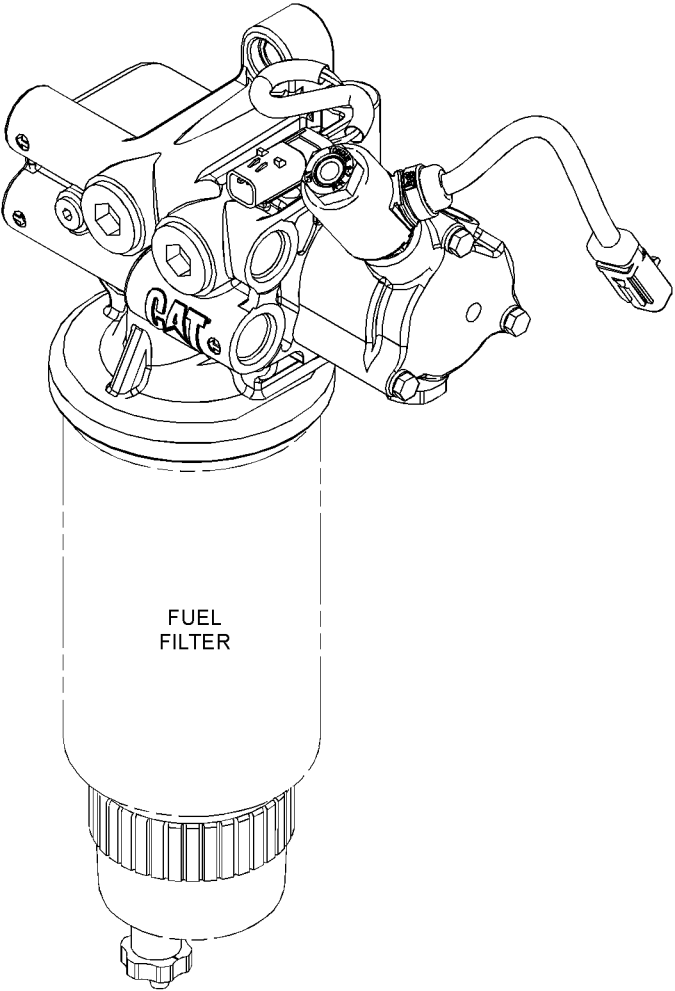
24-VOLT

PART OF 360-1693 PUMP GP-FUEL PRM & PRIM FILTER

SMCS-1258

i04282489

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
					AVAILABLE REPAIR KIT(S):						
			359-6657	1	KIT-FUEL PRIMING PUMP						
					(INCLUDES CONNECTORS & PUMP AS)						



GRAPHIC #1

<END>

g02269693

FUEL SYSTEM

360-1693 PUMP GP-FUEL PRM & PRIM FILTER

S/N: T4R1-UP

24-VOLT

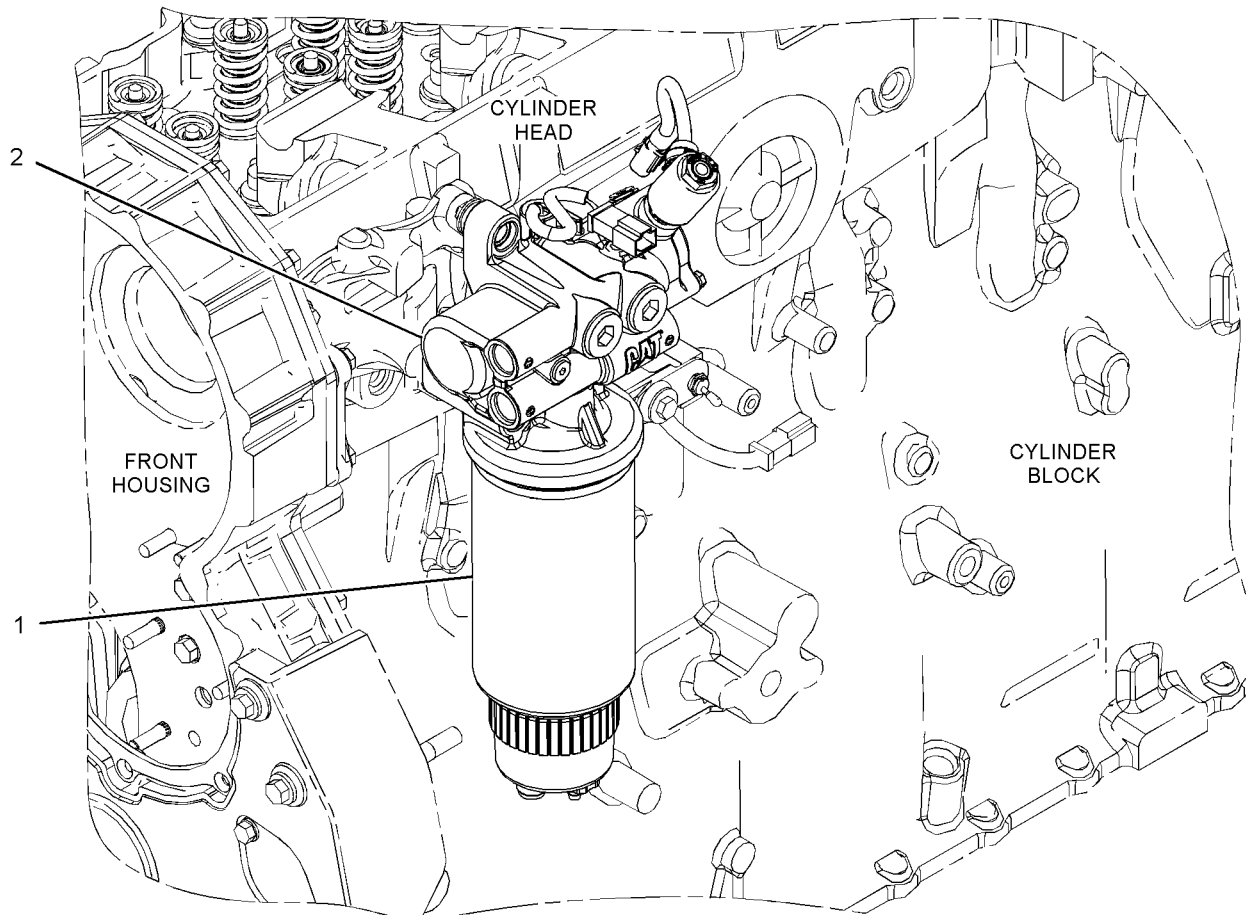
PART OF 291-8927 LINES GP-FUEL

SMCS-1258, 1260, 1261

i04282490

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	200
Y	2	1	361-5084	1	PUMP GP-FUEL PRIMING (PRIMARY)	211

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02264493

FUEL SYSTEM

331-6882 REGULATOR GP-FUEL PRESSURE

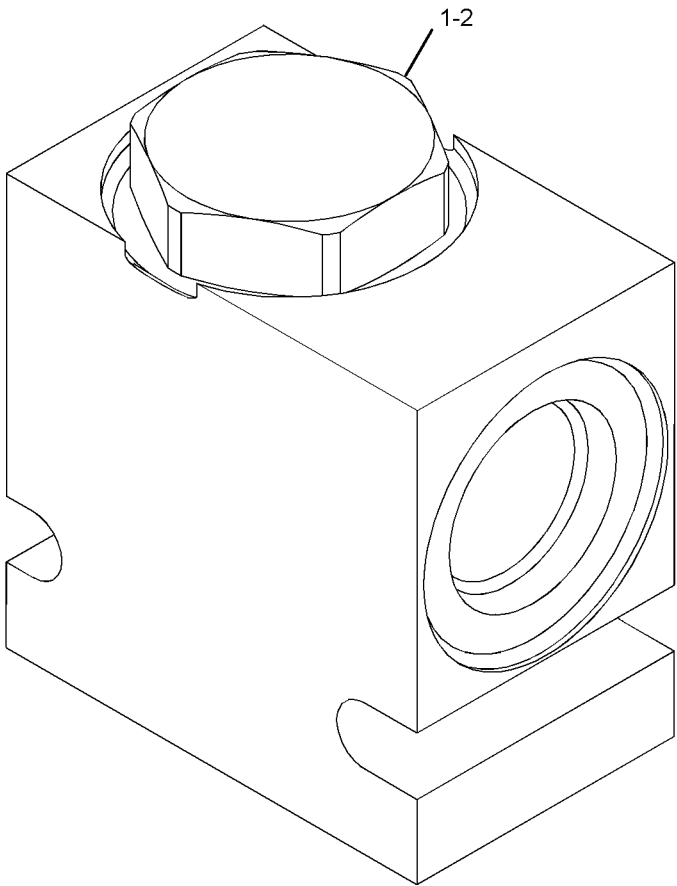
S/N: TXL1-UP; L4X1-UP

PART OF 352-8928 REGULATOR GP-FUEL PRESSURE

SMCS-1270, 1715

i04037840

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	327 - 0376	1	VALVE	GP - CHECK					221
	2	1	238 - 5081	1	SEAL - O - RING						
Y - SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g02096974

FUEL SYSTEM

352-8928 REGULATOR GP-FUEL PRESSURE

S/N: TXL1-UP; L4X1-UP

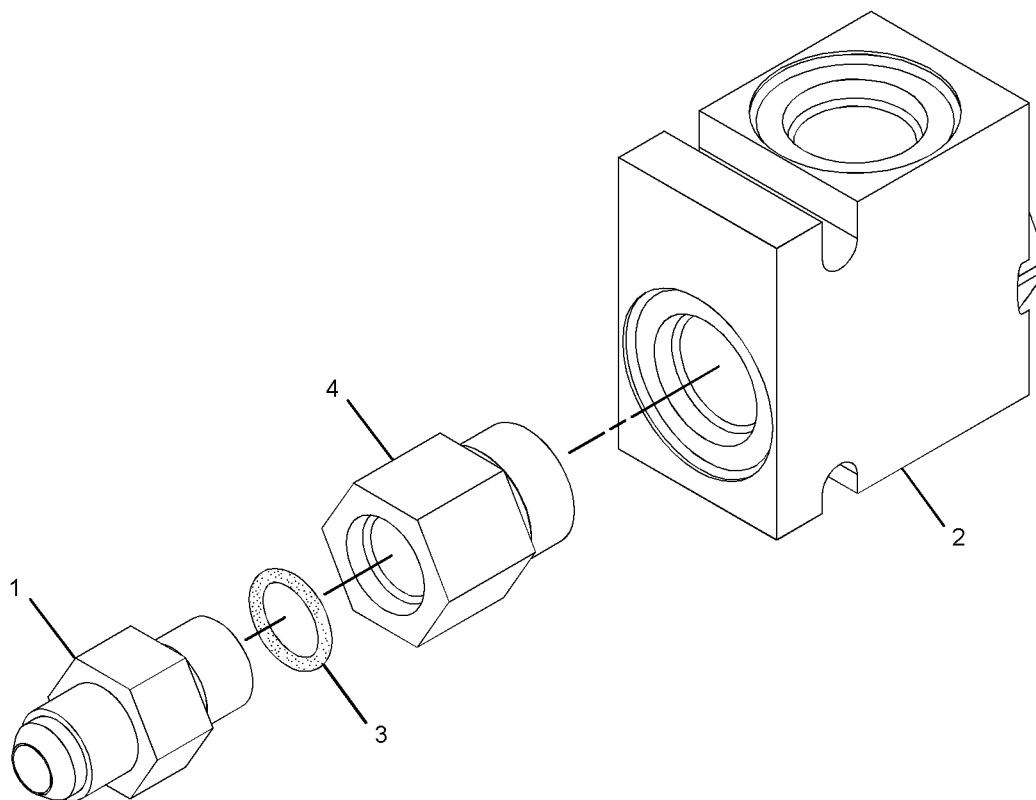
PART OF 346-1450 LINES GP-FUEL

SMCS-1270, 1715

i03830193

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	327-0377	1	VALVE-CHECK						
Y	2	1	331-6882	1	REGULATOR GP-FUEL PRESSURE						213
	3	1	214-7568	1	SEAL-O-RING						
	4	1	330-9732	1	ADAPTER AS						
		1	5P-6944	1	ADAPTER						
		1	238-5080	1	SEAL-O-RING						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02097114

FUEL SYSTEM

291-8970 TANK & MTG GP-FUEL

S/N: T4R1-UP

PART OF 291-8689 INSTALLATION AR-MACHINE

SMCS-1273

i04171135

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	9W-6582	3	SLEEVE	
	2	1	9W-6584	3	WASHER (20.5X114X10-MM THK)	
	3	1	9W-9920	3	MOUNT AS	
B	4	1	092-2267	2	SHIM (2-MM THK)	
	5	1	205-3984	3	WASHER-SPECIAL	
Y	6	1	331-7265	1	TANK GP-FUEL	218
	7	1	6C-9149	6	WASHER (22X50X10-MM THK)	
M	8	1	8T-4131	3	NUT (M20X2.5-THD)	
M	9	1	8T-4170	3	BOLT (M20X2.5X150-MM)	

B-USE AS REQUIRED

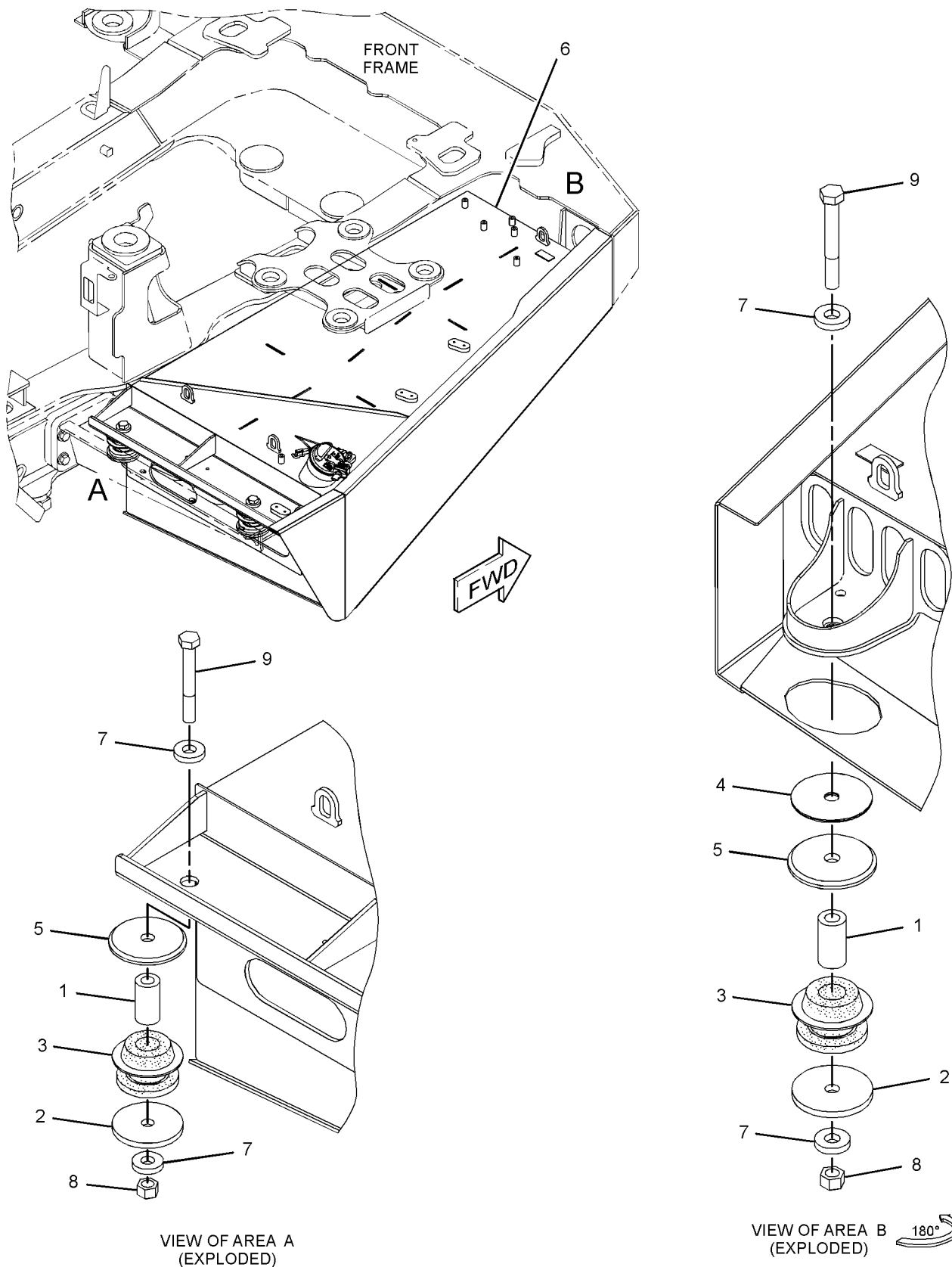
M-METRIC PART

Y-SEPARATE ILLUSTRATION

FUEL SYSTEM

291-8970 TANK & MTG GP-FUEL (contd.)

i04171135



GRAPHIC #1

<END>

g02411216

FUEL SYSTEM

362-3747 TANK AR-FUEL-FAST FILL

S/N: T4R1-UP
AN ATTACHMENT

SMCS-1273

i04102930

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	331-7293	1	TANK GP-FUEL (FAST FILL)						219
Y-SEPARATE ILLUSTRATION									
<END>									

FUEL SYSTEM

331-7265 TANK GP-FUEL

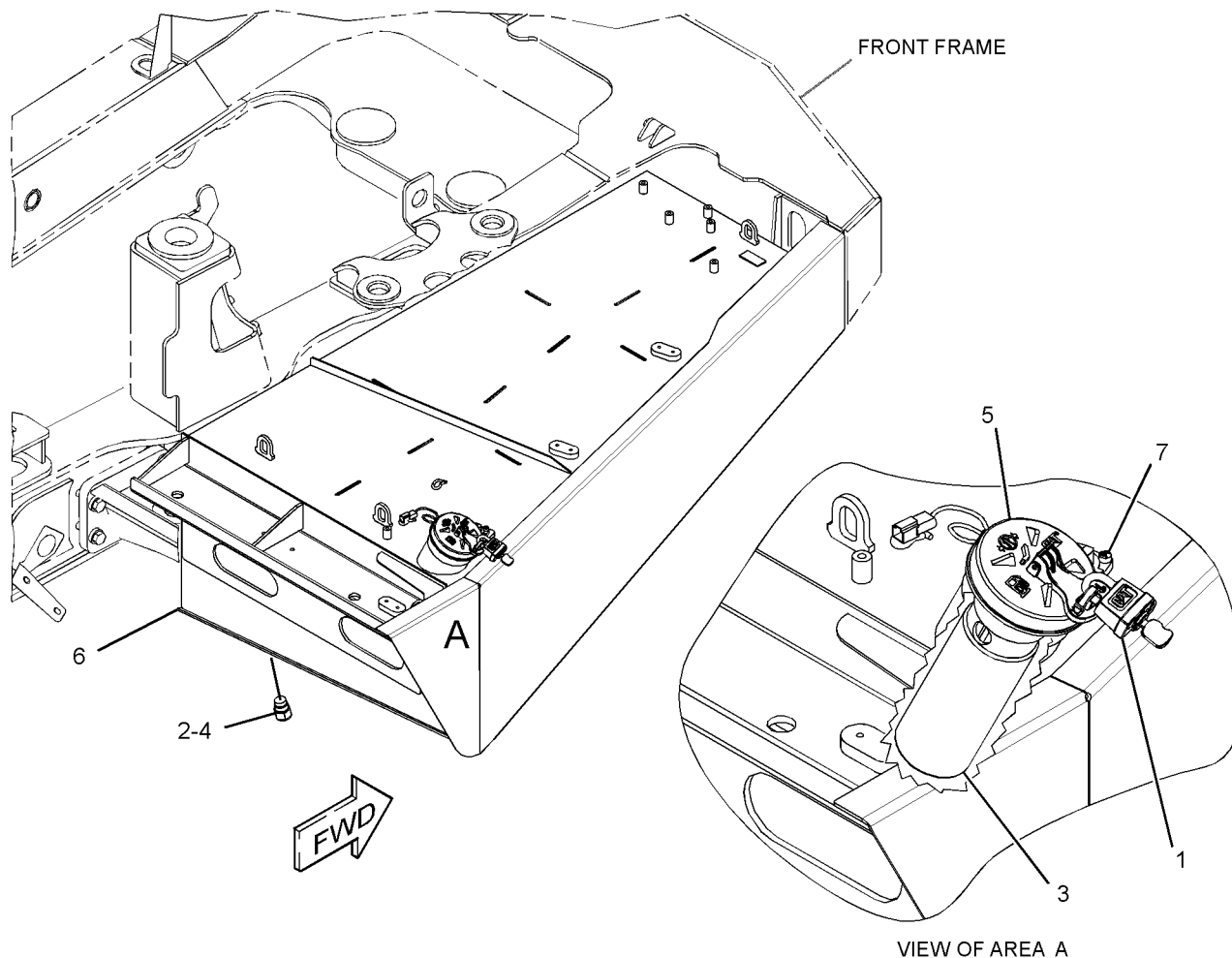
S/N: T4R1-UP

PART OF 291-8970 TANK & MTG GP-FUEL

SMCS-1273

i04282230

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	246-2641	1	PADLOCK GP						
		1	5P-8500	1	KEY						
	2	1	7M-8485	1	SEAL-O-RING						
	3	1	9P-7121	1	STRAINER-FUEL (FAST FILL)						
	4	1	248-0833	1	DRAIN GP-ECOLOGY (FUEL TANK)						
		1	3S-9233	1	SEAL-O-RING						
		1	5L-4759	1	SEAL-O-RING						
		1	259-7138	1	PLUG						
	5	1	276-1243	1	CAP-FUEL FILLER (LOCKABLE) (FAST FILL)						
		1	279-9876	1	FILTER ELEMENT-BREATHER (FUEL CAP)						
	6	1	331-7266	1	TANK AS-FUEL						
	7	1	335-3086	1	SENDER AS-FUEL LEVEL						
		1	4B-1326	4	SCREW-MACHINE (1/4-28X0.625-IN)						
		1	5P-3729	1	SEAL-RECTANGULAR						
		1	335-4054	1	KIT-SENSOR (FUEL LEVEL)						
(INCLUDES SENSOR AS, SCREWS, RECEPTACLE KIT & PIN CONNECTORS)											



GRAPHIC #1

<END>

VIEW OF AREA A

g02389678

FUEL SYSTEM

331-7293 TANK GP-FUEL-FAST FILL

S/N: T4R1-UP

PART OF 362-3747 TANK AR-FUEL
AN ATTACHMENT

SMCS-1273

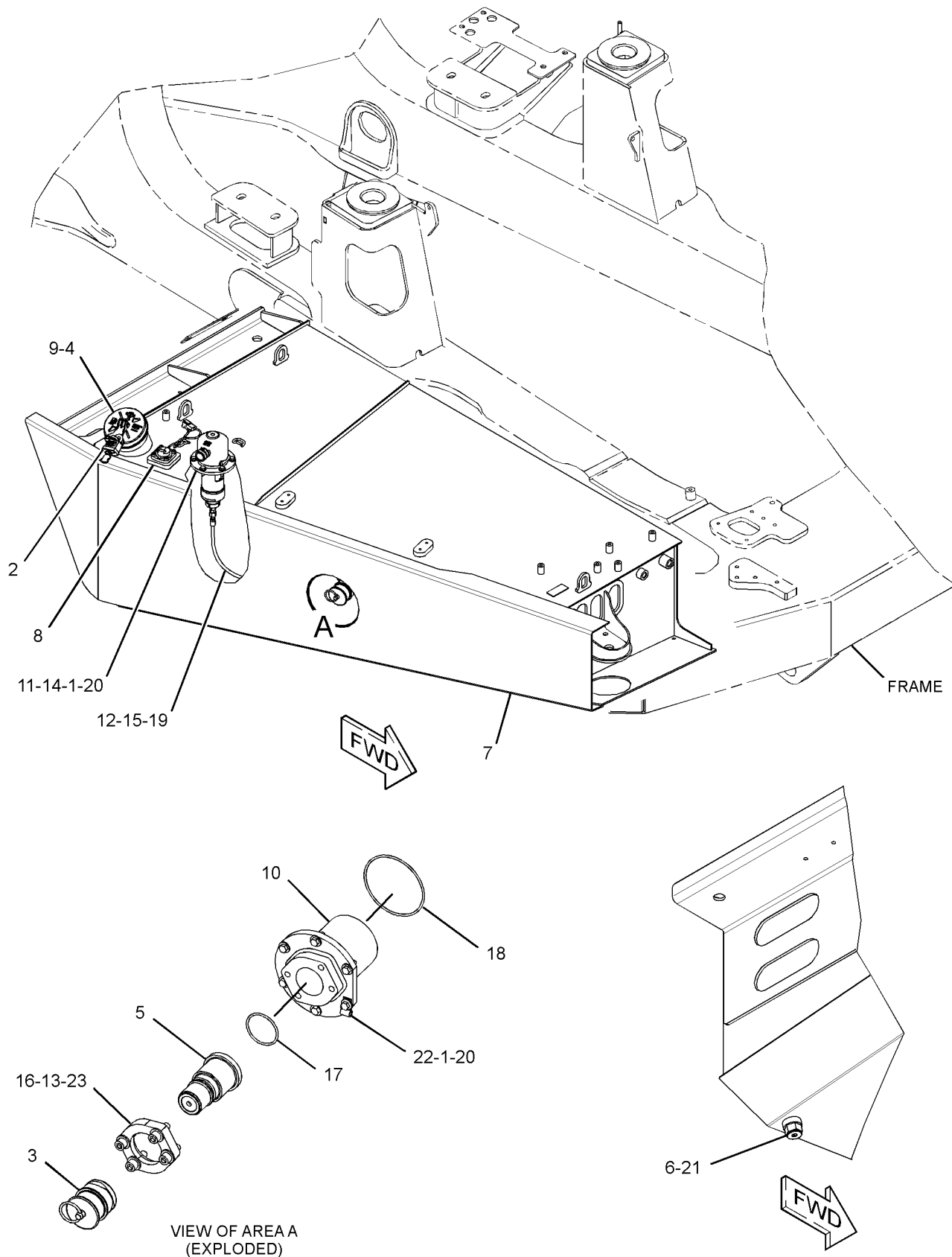
i04274971

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE	
					1	2	3	4	5	6 (PRODUCT LEVEL)		
M	1	1	8T-4908	12	BOLT (M8X1.25X25-MM)							
	2	1	246-2641	1	PADLOCK GP							
		1	5P-8500	1	KEY							
	3	1	9D-0630	1	CAP-DUST							
	4	1	9P-7121	1	STRAINER-FUEL (FAST FILL)							
	5	1	232-1767	1	RECEIVER AS (FAST FILL FUEL)							
	6	1	248-0833	1	DRAIN GP-ECOLOGY (FAST FILL FUEL)							
		1	3S-9233	1	SEAL-O-RING							
		1	5L-4759	1	SEAL-O-RING							
		1	259-7138	1	PLUG							
	7	1	331-7294	1	TANK AS-FUEL							
	8	1	335-3086	1	SENDER AS-FUEL LEVEL							
		1	4B-1326	4	SCREW-MACHINE (1/4-28X0.625-IN)							
		1	5P-3729	1	SEAL-RECTANGULAR							
	1	335-4054	1	KIT-SENSOR (FUEL LEVEL)								
I	9	1	276-1243	1	CAP-FUEL FILLER (LOCKABLE) (FAST FILL)							
		1	279-9876	1	FILTER ELEMENT-BREATHING (FUEL CAP)							
	10	1	359-7506	1	VALVE-TANK (FAST FILL)							
	11	1	361-5933	1	VENT							
	12	1	362-2073	1	HOSE AS							
	M	13	1	108-1781	4	BOLT-SOCKET HEAD (M12X1.75X35-MM)						
		14	1	1H-8128	1	SEAL-O-RING						
		15	1	1J-9671	2	SEAL-O-RING						
		16	1	1P-4582	2	FLANGE-HALF						
		17	1	4J-0527	1	SEAL-O-RING						
		18	1	5H-6734	1	SEAL-O-RING						
		19	1	5P-2618	2	CONNECTOR						
		20	1	5P-4116	12	WASHER-HARD (8.8X20.5X2-MM THK)						
		21	1	7M-8485	1	SEAL-O-RING						
22		1	8M-2772	1	CLIP							
23		1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)							
I-REFER TO HYDRAULIC INFORMATION SYSTEM												
M-METRIC PART												

FUEL SYSTEM

331-7293 TANK GP-FUEL (contd.)

i04274971



GRAPHIC #1

<END>

g02396201

FUEL SYSTEM

327-0376 VALVE GP-CHECK-FUEL

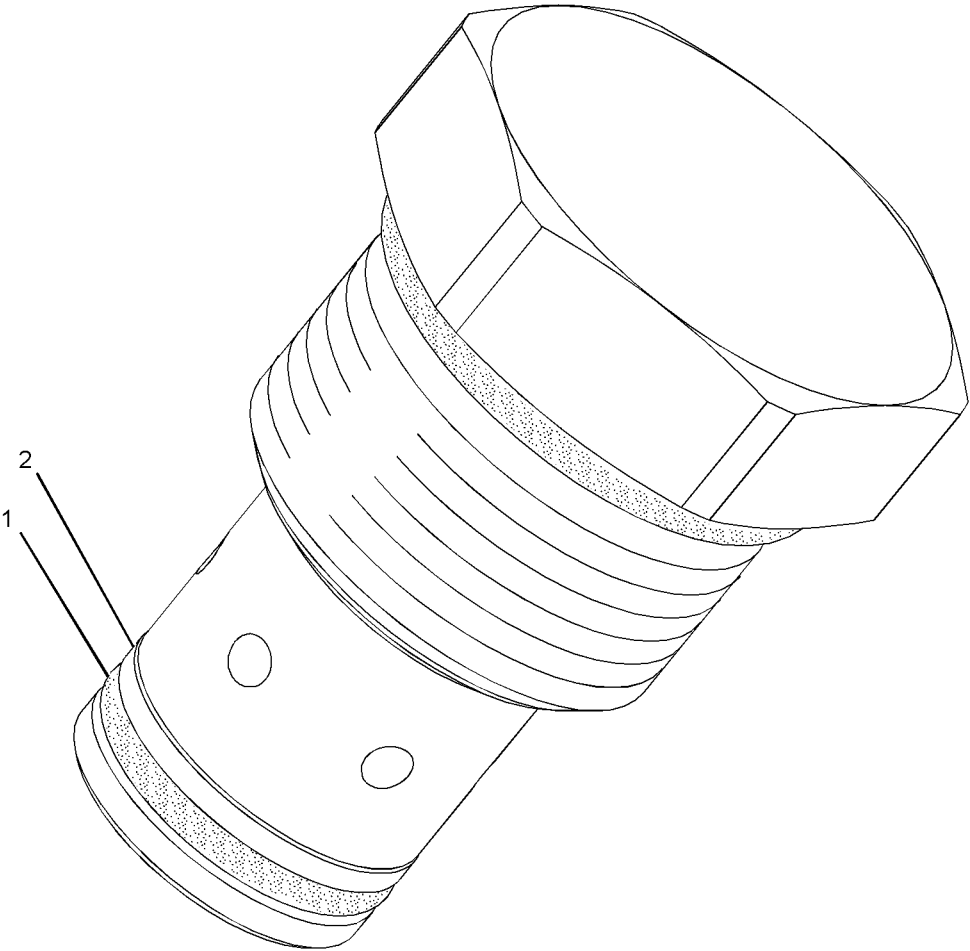
S/N: TXL1-UP; L4X1-UP

PART OF 331-6882 REGULATOR GP-FUEL PRESSURE

SMCS-1261

i03597860

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



GRAPHIC #1

<END>

g01294010

FUEL SYSTEM

123-0783 VALVE GP-FLUID SAMPLING-FUEL

S/N: TXL1-UP; T4R1-UP; L4X1-UP

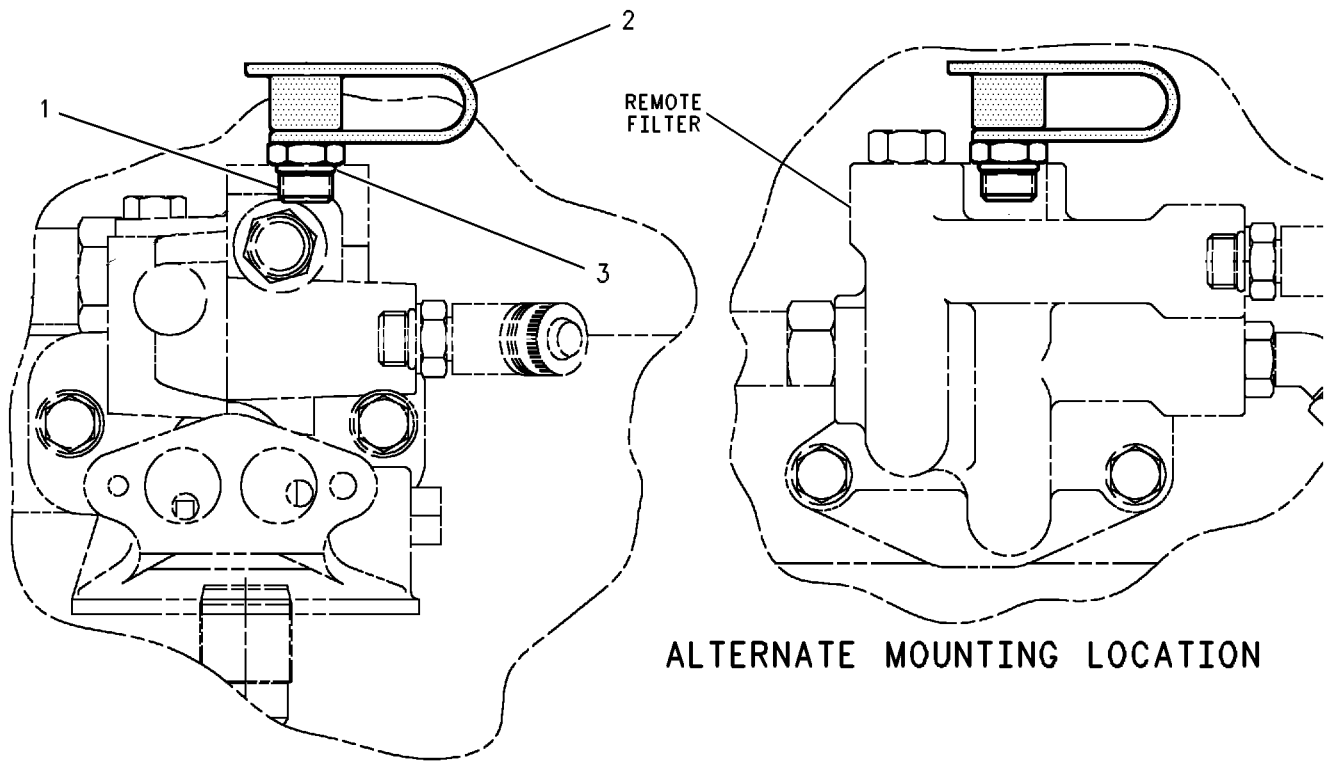
QUICK DISCONNECT FUEL CONNECTION

PART OF 343-8126 BASE GP-FUEL FILTER, 291-8927 LINES GP-FUEL

SMCS-1280, 7542

i03785011

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	6V-0852	1	CAP-DUST						
	3	1	214-7568	1	SEAL-O-RING						



GRAPHIC #1

<END>

g00609530

ELECTRICAL AND STARTING SYSTEM

3E-6328 ALARM GP-CATERPILLAR MONITORING SYSTEM

S/N: T4R1-UP

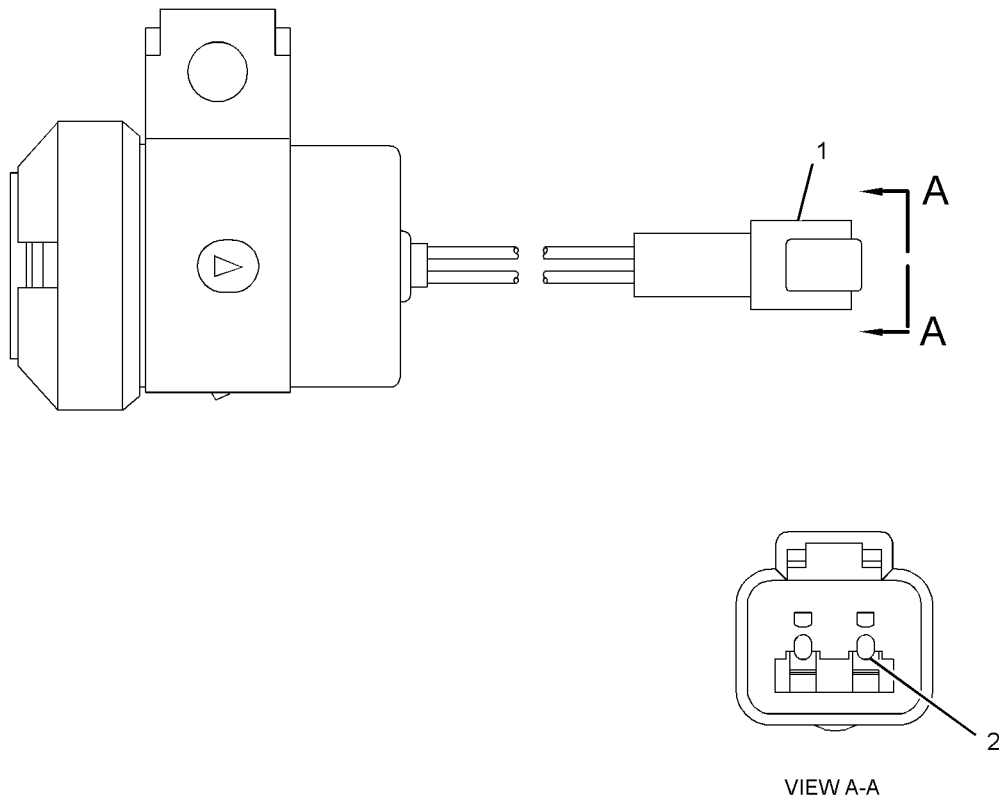
24-VOLT

PART OF 358-6986 WIRING GP-CAB

SMCS-7407

i04156858

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	8T-8729	2	PIN-CONNECTOR (16-GA TO 18-GA)						



GRAPHIC #1

<END>

g01342739

ELECTRICAL AND STARTING SYSTEM

342-5799 ALTERNATOR GP-CHARGING

S/N: TXL1-UP; L4X1-UP

24-VOLT, 150-AMPERE.

PROVIDES AN ALTERNATOR GP WITH GUARD AND 8-RIB POLY-VEE PULLEY

PART OF 365-3722 ENGINE AR-COMPLETE

FOR USE WITH PAD MOUNT ALTERNATOR BRACKET AND POLY-VEE ACCESSORY DRIVE

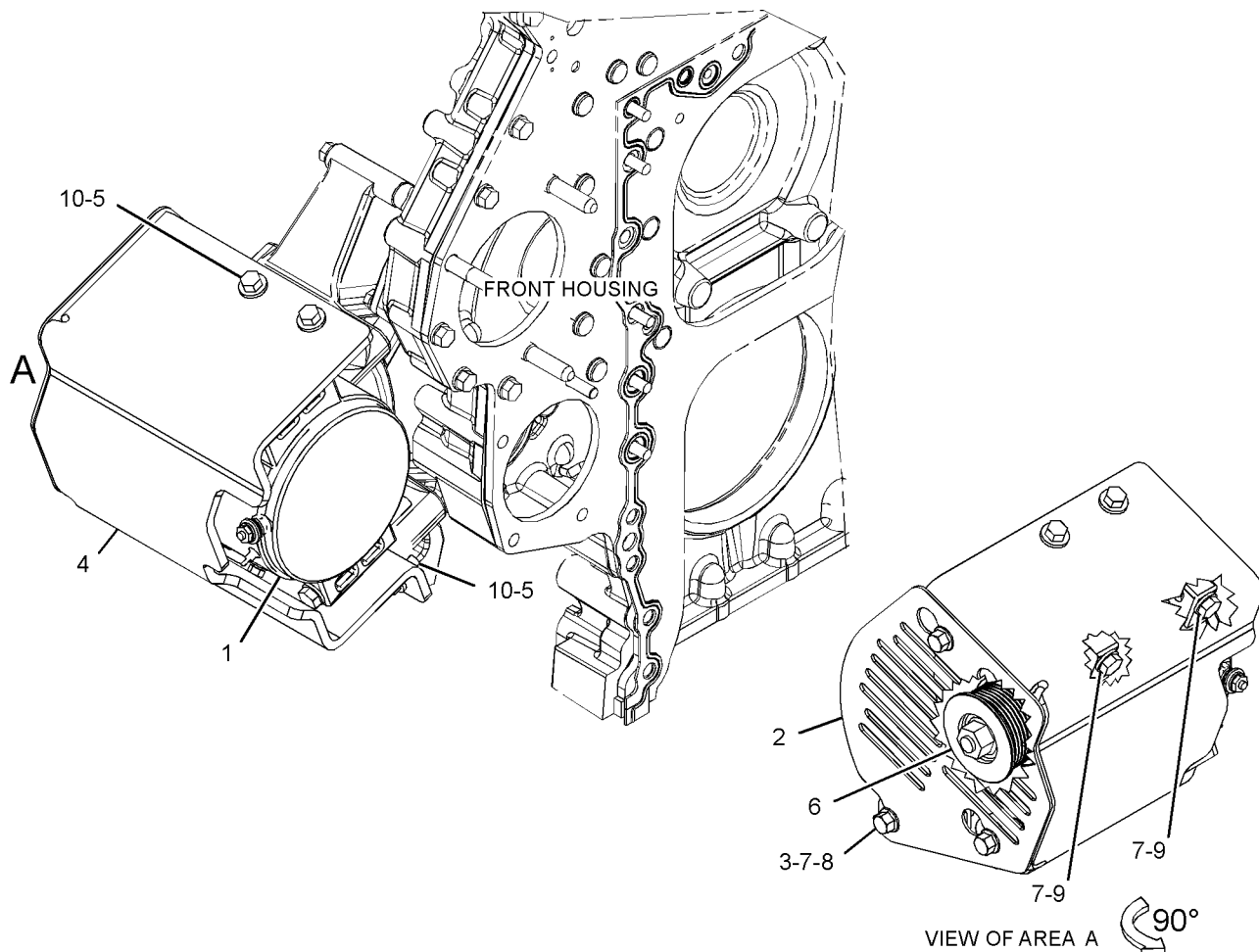
SMCS-1405

i04174248

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
R	1	1	272-1889	1	ALTERNATOR GP-CHARGING (24-VOLT, 150-AMPERE)	
	2	1	358-4860	1	GUARD-BELT	
	3	1	358-9568	1	BRACKET AS	
	4	1	358-9569	1	GUARD AS	
	5	1	0S-1594	4	BOLT (3/8-16X1-IN)	
	6	1	123-0791	1	PULLEY (8-GROOVE)	
	7	1	6V-5839	5	WASHER (11X21X2.5-MM THK)	
M	8	1	6V-6317	1	BOLT (M10X1.5X20-MM)	
M	9	1	8T-0355	4	BOLT (M10X1.5X110-MM)	
	10	1	9X-6458	4	WASHER-HARD (10.2X22.5X3-MM THK)	

M-METRIC PART

R-REMFG PART MAY BE AVAILABLE



GRAPHIC #1

<END>

g02370816

ELECTRICAL AND STARTING SYSTEM

362-8943 ANTENNA GP-S00T

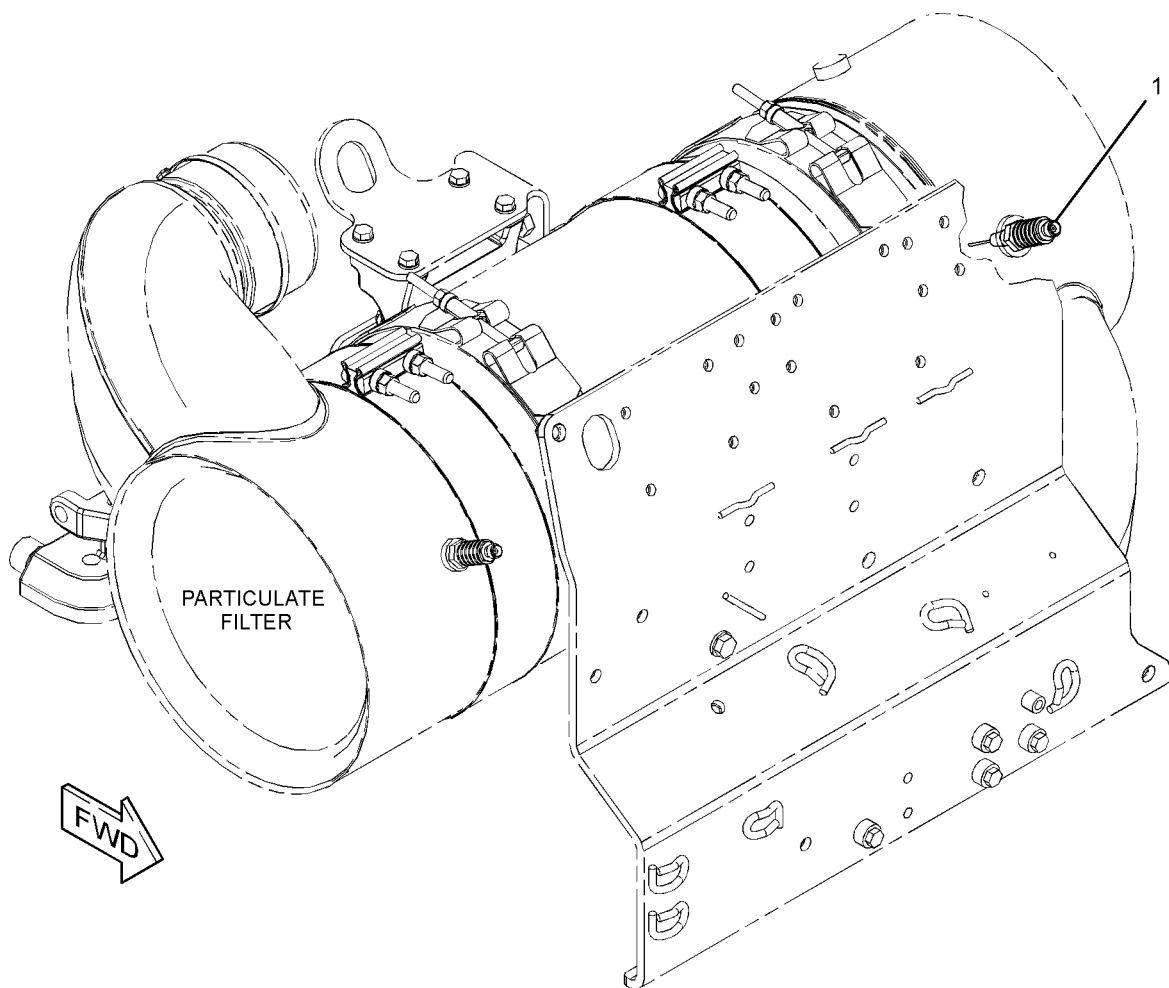
S/N: T4R1-UP

PART OF 362-8784 MODULE AR-CLEAN EMISSIONS

SMCS-108F, 1335

i04040289

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	349-7695	1	ANTENNA AS						



GRAPHIC #1

<END>

g02284915

ELECTRICAL AND STARTING SYSTEM

285-1141 APPLICATION GP-MONITOR-VIMS

S/N: T4R1-UP

PART OF 351-5931 INSTALLATION AR-COMMUNICATION
AN ATTACHMENT

SMCS-7620

i04280491

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	285-1142	1	CONTROL GP-UNPROGRAMMED (VIMS)						
	101-0852	1	SCREW-PAN HEAD (8-32X0.375-IN)						
	7X-6315	1	STRAP AS-GROUND						
	134-4126	1	WASHER (4.52X8.28X0.76-MM THK)						

<END>

ELECTRICAL AND STARTING SYSTEM

291-8780 BATTERY & WIRING GP

S/N: T4R1-UP

PART OF 291-8668 ELECTRICAL AR

SMCS-1401, 1402, 1408

i04169593

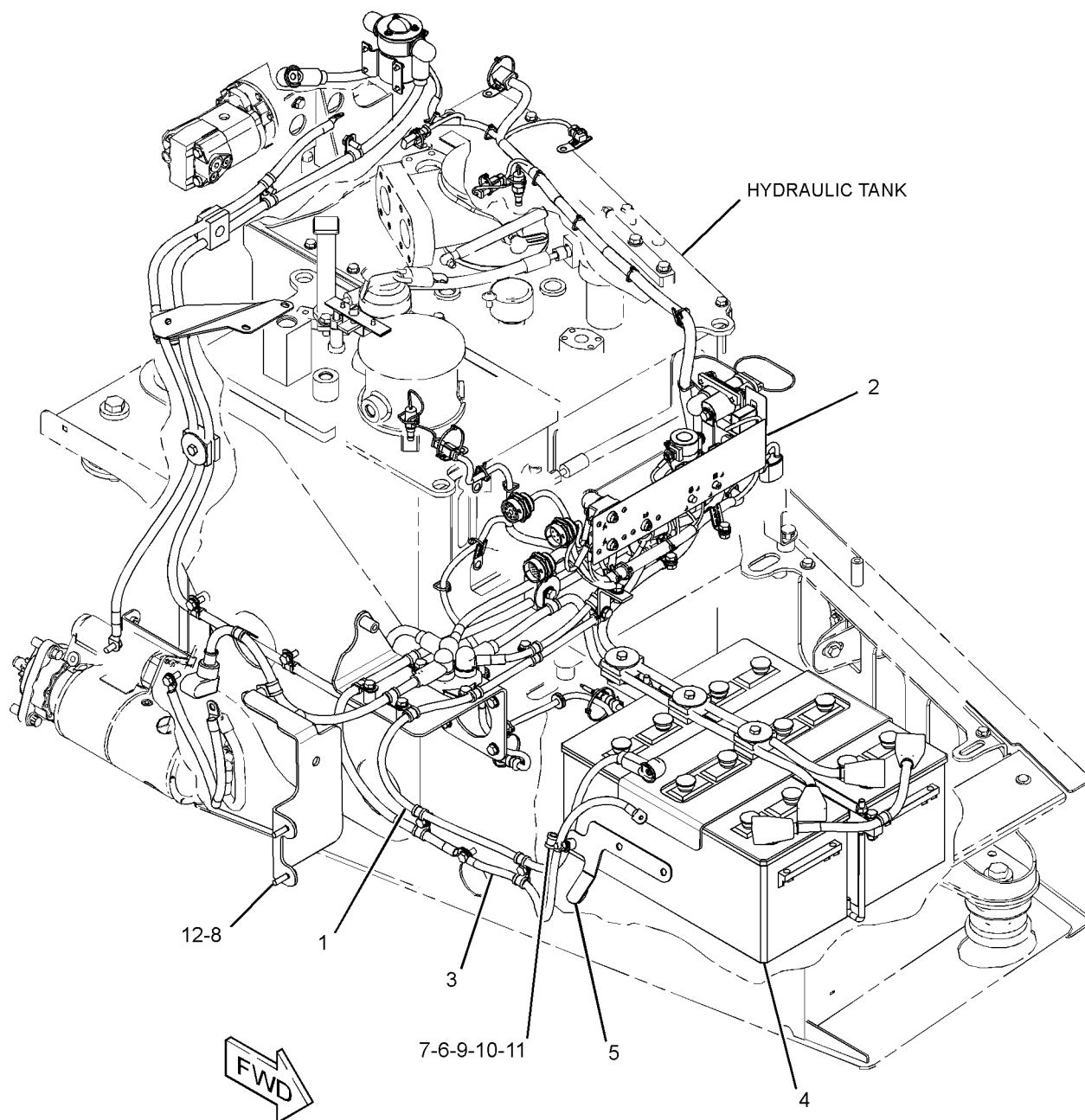
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	336-9306	1	CABLE AS						
E		1	5P-0760		CABLE (00-GA, RED) (161-CM)						
		1	8N-0869	2	COVER-TERMINAL (RED)						
		1	030-1708	1	TERMINAL-RING						
		1	170-3794	1	RING-TERMINAL						
Y	2	1	337-6317	1	PANEL GP-CIRCUIT BREAKER						262
	3	1	340-2284	1	CABLE AS						
E		1	5P-0746		CABLE (0-GA, BLACK) (64-CM)						
		1	030-1707	1	TERMINAL-RING (0-GA, 3/8-IN SCREW)						
		1	030-1709	1	TERMINAL-RING (0-GA, 1/4-IN SCREW)						
Y	4	1	341-3682	1	BATTERY & WIRING GP						229
	5	1	344-9367	1	PLATE AS						
		1	7T-1099	2	LINK						
	6	1	144-8344	1	SPACER (11X19X20-MM THK)						
	7	1	3U-2752	2	CLIP						
	8	1	4L-9337	2	BOLT (3/8-16X1.5-IN)						
	9	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
M	10	1	8T-4133	1	NUT (M10X1.5-THD)						
M	11	1	8T-4185	1	BOLT (M10X1.5X50-MM)						
	12	1	8T-4896	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						

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

ELECTRICAL AND STARTING SYSTEM

291-8780 BATTERY & WIRING GP (contd.)

i04169593



GRAPHIC #1

<END>

g02394919

ELECTRICAL AND STARTING SYSTEM

341-3682 BATTERY & WIRING GP

S/N: T4R1-UP

PART OF 291-8780 BATTERY & WIRING GP

SMCS-1401, 1402, 1408

i04169640

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1, 2	2G-8767	8	WASHER (10.5X60X3-MM THK)	
	2	1	3S-2093	21	STRAP-CABLE	
	3	1, 2	6G-2256	8	CLAMP	
	4	2	6U-2703	1	BRACKET-ANGLE	
Y	5	2	7N-0718	1	SWITCH GP-DISCONNECT (BATTERY)	304
	6	2	8S-2634	1	COVER AS	
	7	2	9G-2758	1	LOCKOUT-SWITCH	
	8	2	9R-4600	1	CLIP	
Y	9	2	124-5814	1	BLOCK GP-JUNCTION	234
	10	1	153-5700	2	BATTERY (12-VOLT, 1125-CCA) (MAINTENANCE FREE)	
	11	1	169-1997	1	WASHER (25X60X2-MM THK)	
	12	1	176-3393	2	STUD	
Y	13	2	179-0006	1	SWITCH GP-MAGNETIC (24-VOLT TO 32-VOLT) (SECONDARY STEERING RELAY)	305
	14	1	189-3158	1	SUPPRESSOR-ARC	
	15	1	206-0154	1	CABLE AS	
		1	3S-6049	1	TERMINAL AS-BATTERY (POSITIVE)	
		1	3S-6050	1	TERMINAL AS-BATTERY (NEGATIVE) (EACH TERMINAL AS INCLUDES)	
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)	
		1	1M-6120	1	NUT (5/16-18-THD)	
E		1	5P-0761		CABLE (00-GA, RED) (43-CM)	
		1	7N-5274	1	COVER-TERMINAL (BLACK)	
		1	8N-1725	1	COVER AS-TERMINAL (RED)	
		1	8L-8413	1	STRAP-CABLE	
	16	1	253-2673	1	SWITCH GP-PRESSURE (HYDRAULIC OIL FILTER)	
	16A	1	253-2673	1	SWITCH GP-PRESSURE (STEERING OIL FILTER) (EACH SWITCH GP INCLUDES)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
		1	8T-8729	2	PIN-CONNECTOR (16-GA TO 18-GA)	
E		1	9X-1813		SLEEVE (14-CM)	
		1	3J-1907	1	SEAL-O-RING	
		1	5F-9144	1	SEAL-O-RING	
	17	1	256-6453	1	SENSOR AS-TEMPERATURE (STEERING OIL)	
	17A	2	256-6453	1	SENSOR AS-TEMPERATURE (HYDRAULIC OIL)	
	18	1	336-9298	1	CABLE AS	
E		1	5P-0747		CABLE (00-GA, BLACK) (108-CM)	
		1	7N-5274	1	COVER-TERMINAL (BLACK)	
		1	037-5197	1	BOOT	
		1	235-2678	1	TERMINAL-RING	
		1	3S-6050	1	TERMINAL AS-BATTERY (NEGATIVE)	
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)	
		1	1M-6120	1	NUT (5/16-18-THD)	
	19	1	336-9299	1	CABLE AS	
		1	1S-7251	1	TERMINAL-CABLE (00-GA, 1/2-IN SCREW)	
E		1	5P-0747		CABLE (00-GA, BLACK) (65-CM)	
		1	235-2678	1	TERMINAL-RING	
	20	1	336-9300	1	CABLE AS	
E		1	5P-0761		CABLE (00-GA, RED) (105-CM)	
		1	8N-0869	1	COVER-TERMINAL (RED)	
		1	8N-1725	1	COVER AS-TERMINAL (RED)	
		1	8L-8413	1	STRAP-CABLE	
		1	3S-6049	1	TERMINAL AS-BATTERY (POSITIVE)	
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)	

ELECTRICAL AND STARTING SYSTEM

341-3682 BATTERY & WIRING GP (contd.)

i04169640

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	1M-6120	1	NUT (5/16-18-THD)						
		1	235-2677	1	TERMINAL-RING						
	21	1	336-9301	1	CABLE AS						
E		1	5P-0747		CABLE (00-GA, BLACK) (134-CM)						
		1	235-2678	2	TERMINAL-RING						
	22	1	336-9302	1	CABLE AS						
E		1	5P-0761		CABLE (00-GA, RED) (228-CM)						
		1	8N-0869	1	COVER-TERMINAL (RED)						
		1	193-9141	1	COVER-TERMINAL						
		1	235-2677	1	TERMINAL-RING						
		1	235-2678	1	TERMINAL-RING						
	23	1	336-9303	1	CABLE AS						
E		1	5P-0747		CABLE (00-GA, BLACK) (128-CM)						
		1	235-2678	2	TERMINAL-RING						
	24	2	336-9304	1	CABLE AS						
E		2	5P-0747		CABLE (00-GA, BLACK) (35-CM)						
		2	037-5197	2	BOOT						
		2	235-2678	2	TERMINAL-RING						
	25	2	336-9305	1	CABLE AS						
E		2	5P-0761		CABLE (00-GA, RED) (66-CM)						
		2	8N-0869	1	COVER-TERMINAL (RED)						
		2	235-2677	1	TERMINAL-RING						
	26	2	337-3986	1	PLATE AS						
	27	1	337-3988	1	PLATE AS-BATTERY						
	28	2	338-9969	1	CABLE AS						
D		2	6V-2722		TUBE-HEAT SHRINK (0.1-M)						
		2	1M-4986	1	TERMINAL-RING (0-GA, 1/2-IN SCREW)						
		2	8N-0869	1	COVER-TERMINAL (RED)						
		2	030-1709	1	TERMINAL-RING (0-GA, 1/4-IN SCREW)						
	29	2	338-9972	1	PLATE AS						
	30	2	342-9671	1	RECEPTACLE AS-AUXILIARY START						
	31	1	356-9741	1	CABLE AS						
E		1	5P-0761		CABLE (00-GA, RED) (81-CM)						
D		1	6V-2722		TUBE-HEAT SHRINK (0.1-M)						
		1	8N-0869	1	COVER-TERMINAL (RED)						
		1	235-2677	1	TERMINAL-RING						
		1	235-2678	1	TERMINAL-RING						
	32	2	357-0111	2	PLATE						
	33	2	358-9368	1	PLATE AS						
M		2	8T-3490	2	NUT-WELD (M10X1.5-THD)						
	34	1,2	263-6342	16	CLIP						
	35	1	3J-1907	2	SEAL-O-RING						
	36	1,2	3K-0360	2	SEAL-O-RING						
	37	1,2	3U-2752	9	CLIP						
	38	1	4P-7428	2	CLIP						
	39	1	4P-7581	4	CLIP						
	40	1	4P-8134	1	CLIP						
	41	1	5F-9144	2	SEAL-O-RING						
	42	2	5G-6505	3	WASHER (25X38X14-MM THK)						
	43	2	7X-7729	4	WASHER (11X25X3-MM THK)						
	44	1	8P-8540	1	GROMMET						
	45	1,2	8T-4121	30	WASHER-HARD (11X21X2.5-MM THK)						
M	46	1,2	8T-4133	6	NUT (M10X1.5-THD)						
M	47	1,2	8T-4136	26	BOLT (M10X1.5X25-MM)						
M	48	2	8T-4137	4	BOLT (M10X1.5X20-MM)						
M	49	2	8T-4139	2	BOLT (M12X1.75X30-MM)						
M	50	2	8T-4171	4	BOLT (M6X1X12-MM)						
M	51	1	8T-4185	1	BOLT (M10X1.5X50-MM)						
M	52	2	8T-4195	3	BOLT (M10X1.5X30-MM)						

ELECTRICAL AND STARTING SYSTEM

341-3682 BATTERY & WIRING GP (contd.)

i04169640

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	53	2	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						
	54	2	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)						
M	55	2	8T-4908	4	BOLT (M8X1.25X25-MM)						
	56	2	9X-8256	4	WASHER (6.6X12X2-MM THK)						

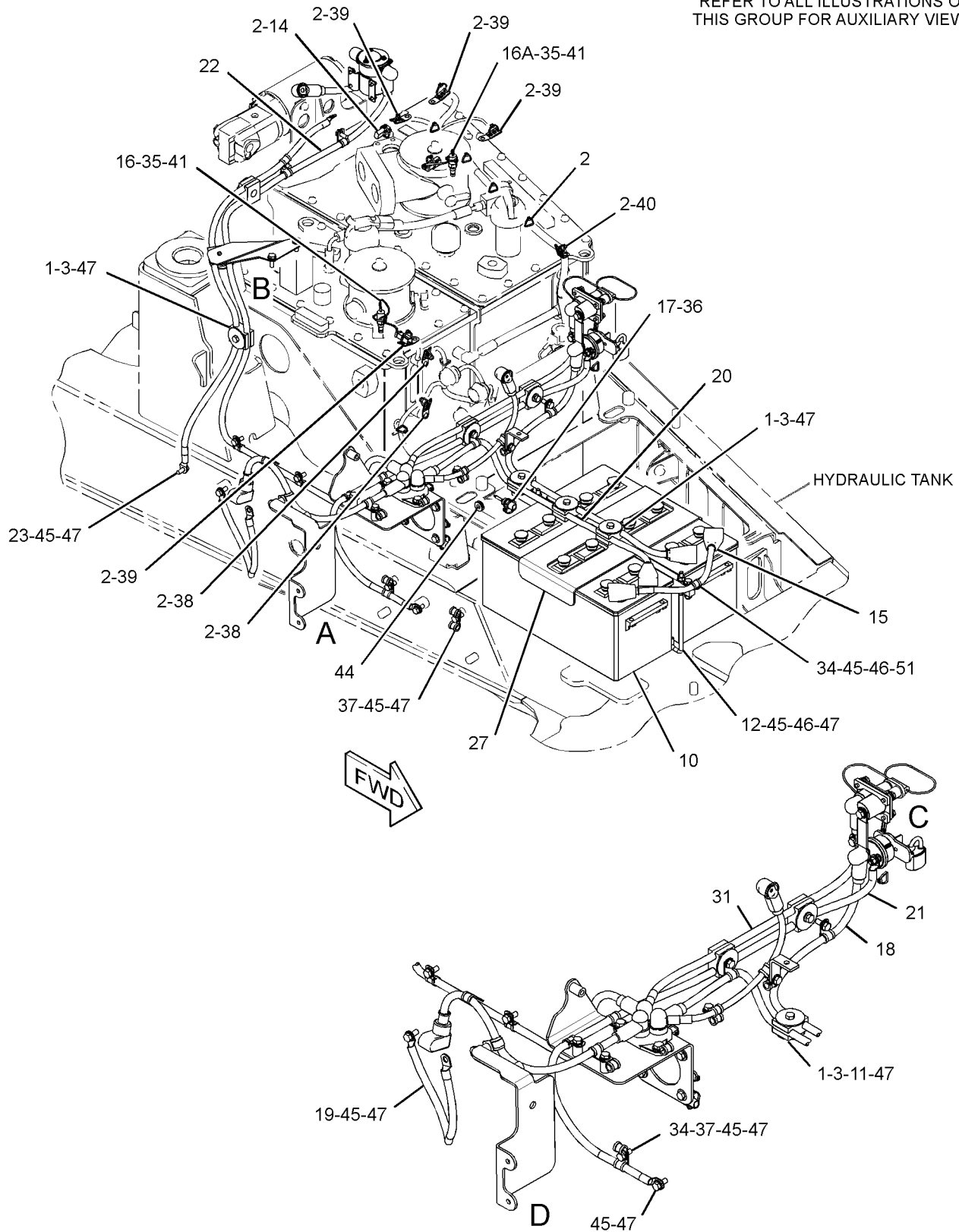
D-ORDER BY THE METER
E-ORDER BY THE CENTIMETER
M-METRIC PART
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

341-3682 BATTERY & WIRING GP (contd.)

i04169640

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



VIEW OF AREA A

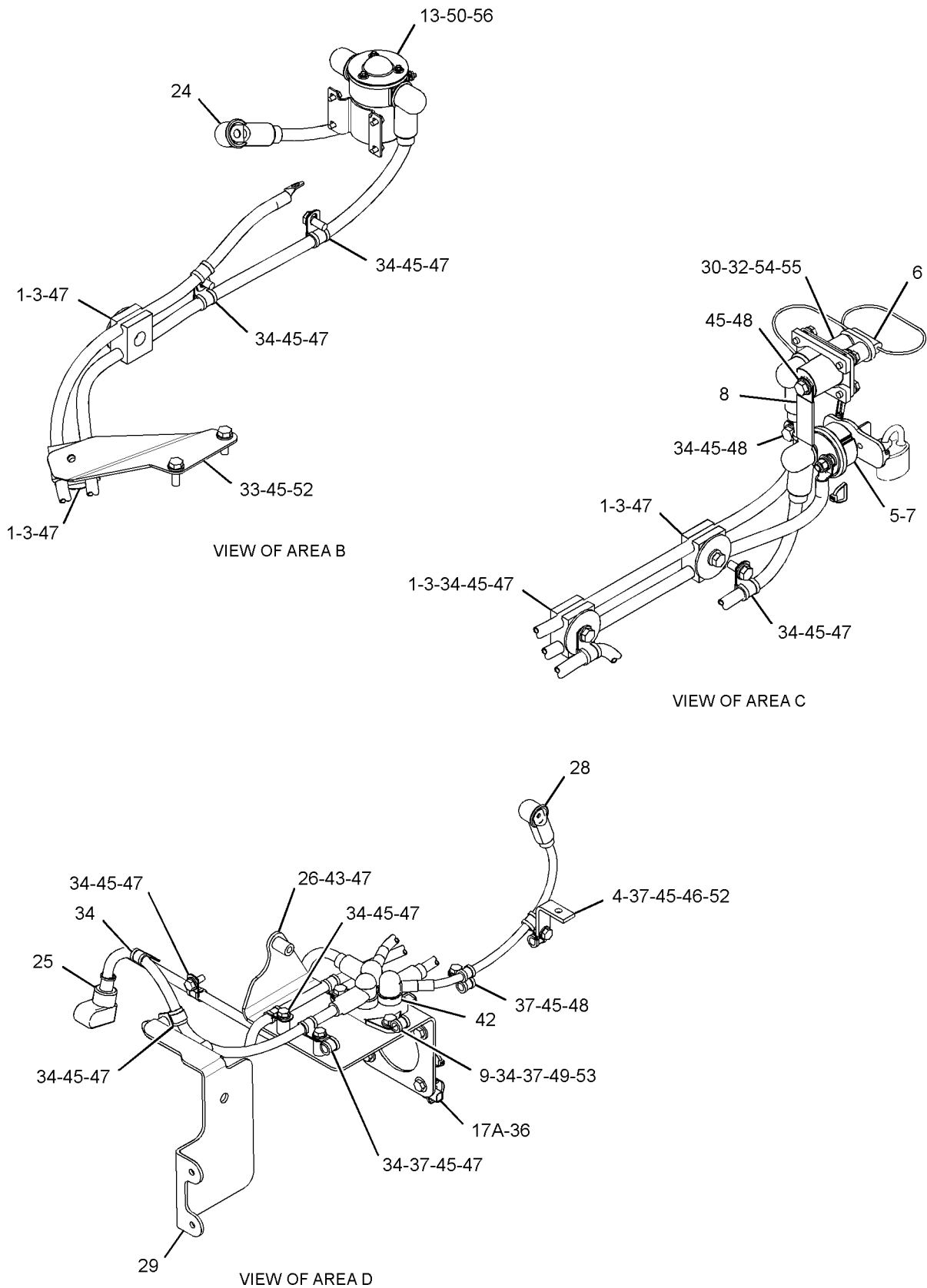
GRAPHIC #1

g02428256

ELECTRICAL AND STARTING SYSTEM

341-3682 BATTERY & WIRING GP (contd.)

i04169640



GRAPHIC #2

<END>

g02428254

ELECTRICAL AND STARTING SYSTEM

124-5814 BLOCK GP-JUNCTION

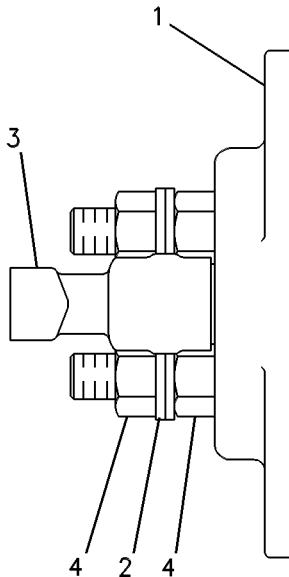
S/N: T4R1-UP

PART OF 341-3682 BATTERY & WIRING GP

SMCS-1408

i03545321

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8C-6358	1	BLOCK AS-JUNCTION (BATTERY)						
		1	8T-3519	3	BOLT-BRONZE (1/2-13X2-IN)						
		1	1D-5117	3	NUT-JAM (1/2-13-THD)						
	2	1	7F-0560	6	WASHER (0.516X0.938X0.101-IN THK)						
D	3	1	6V-2722		TUBE-HEAT SHRINK (0.1-M)						
	4	1	8T-3518	6	NUT-FULL (1/2-13-THD)						
D-ORDER BY THE METER											



GRAPHIC #1

<END>

g00108983

ELECTRICAL AND STARTING SYSTEM

336-6684 CAMERA GP-WORK AREA VISUAL SYSTEM, REAR

S/N: T4R1-UP

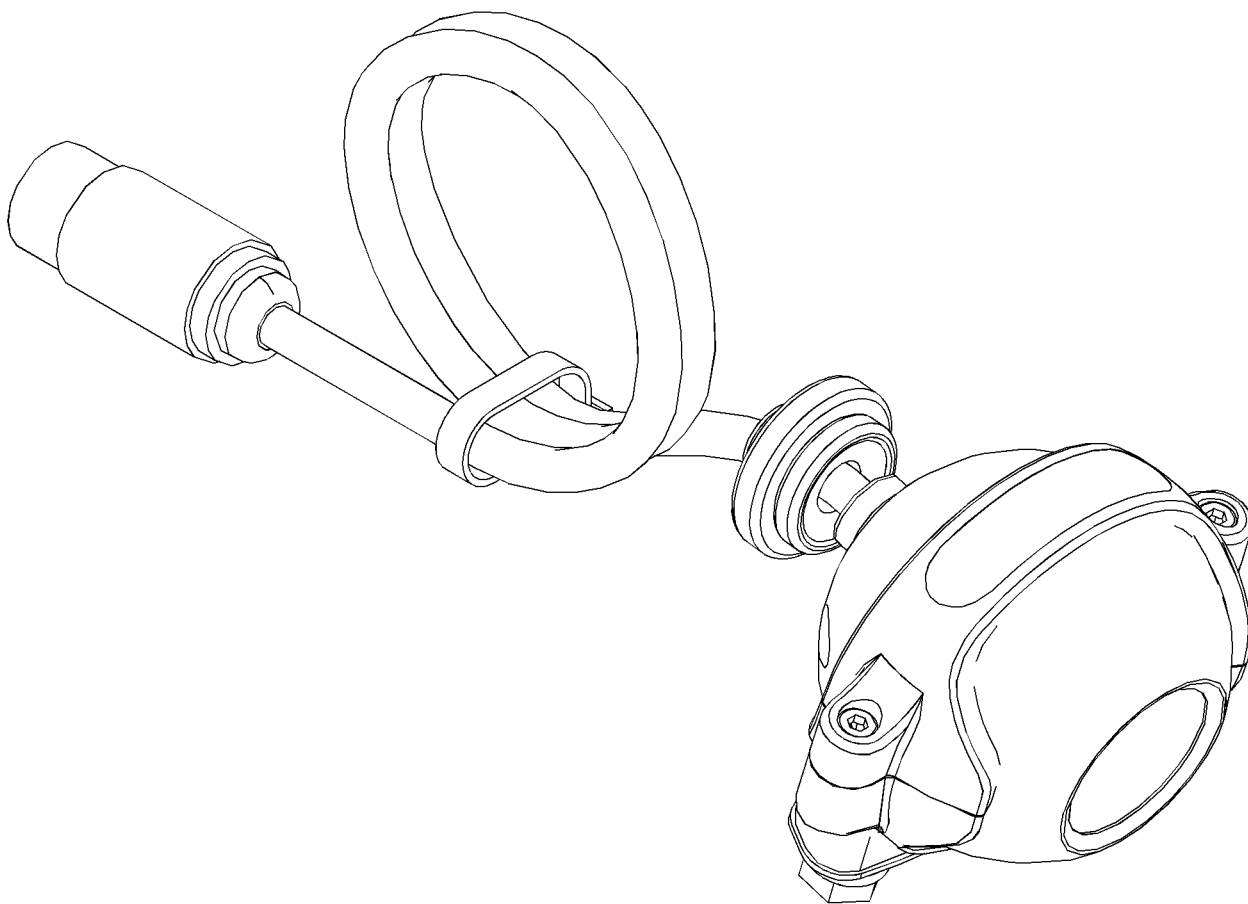
12-VOLT/24-VOLT

PART OF 291-8785 WIRING GP-REAR

SMCS-7348

i03756452

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
					AVAILABLE REPAIR KIT(S):						
			251-4162	1	KIT-BRACKET (CAMERA)						
					(INCLUDES BRACKET, BOLTS, LOCK NUTS, GASKET & ALLEN KEY)						



GRAPHIC #1

<END>

g02034339

ELECTRICAL AND STARTING SYSTEM

343-3866 COIL GP-IGNITION-AFTERTREATMENT REGEN DEVICE

S/N: T4R1-UP

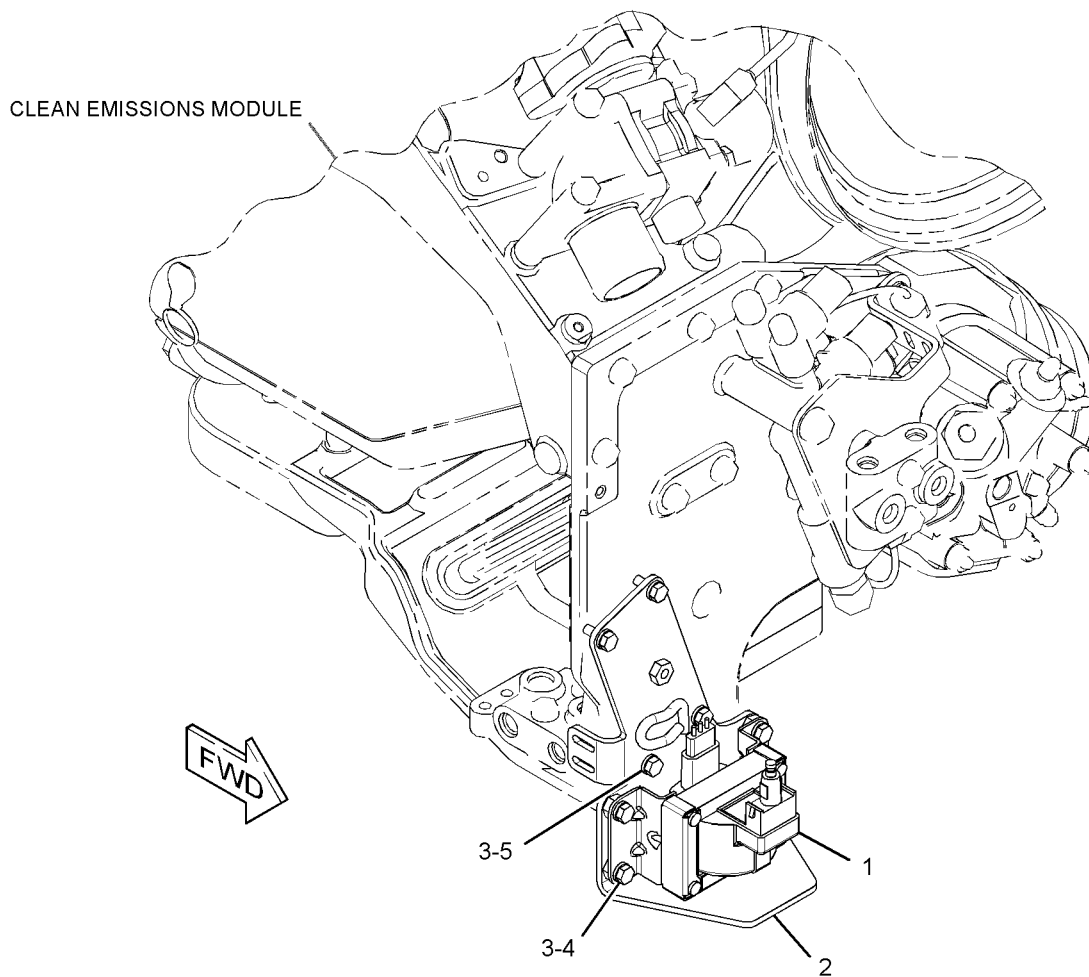
PART OF 362-8784 MODULE AR-CLEAN EMISSIONS

SMCS-1554

i04171555

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	296-7724	1	COIL AS (AFTERTREATMENT REGEN DEVICE)	
E		1	9X-1813		SLEEVE (30-CM)	
		1	9X-3401	3	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	230-4014	1	RECEPTACLE AS-CONNECTOR (3-PIN)	
	2	1	343-3888	1	BRACKET AS	
	3	1	344-1200	8	WASHER-HARD (6.6X12X2-MM THK)	
	4	1	344-1205	4	BOLT (M6X1X12-MM)	
M	5	1	344-1206	4	BOLT (M6X1X16-MM)	

E-ORDER BY THE CENTIMETER
M-METRIC PART



GRAPHIC #1

<END>

g02404096

ELECTRICAL AND STARTING SYSTEM

126-7631 CONNECTION GP-ELECTRICAL

S/N: TXL1-UP; L4X1-UP

CYLINDER BLOCK GROUND

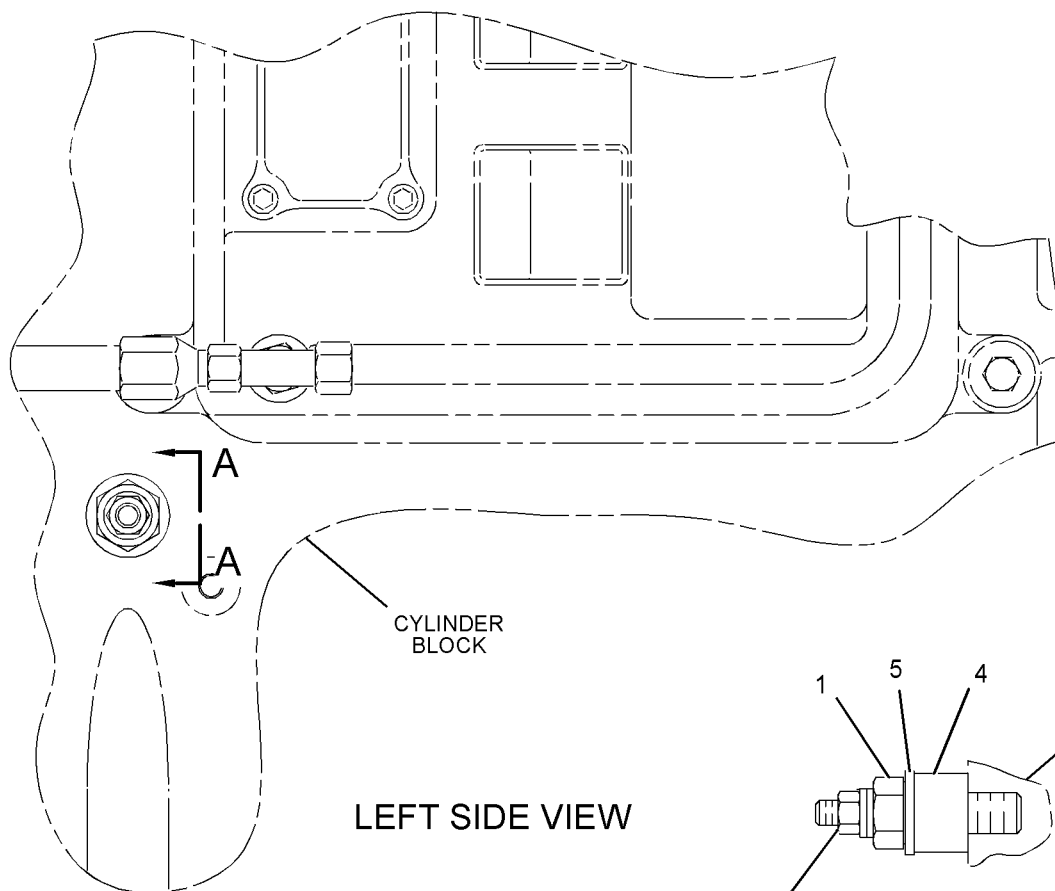
PART OF 365-3722 ENGINE AR-COMplete

FOR USE WITH BLOCK SOUND PANEL

SMCS-1408, 7553

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 (3/8-16, 5/8-18X3.1-IN)						
	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

346-1530 CONTROL & MTG GP-ENGINE ELEK

S/N: TXL1-UP; L4X1-UP

PART OF 365-3722 ENGINE AR-COMPLETE

FOR USE WITH AIR COOLED ECM, OFFSET ECM LOCATION

SMCS-1901

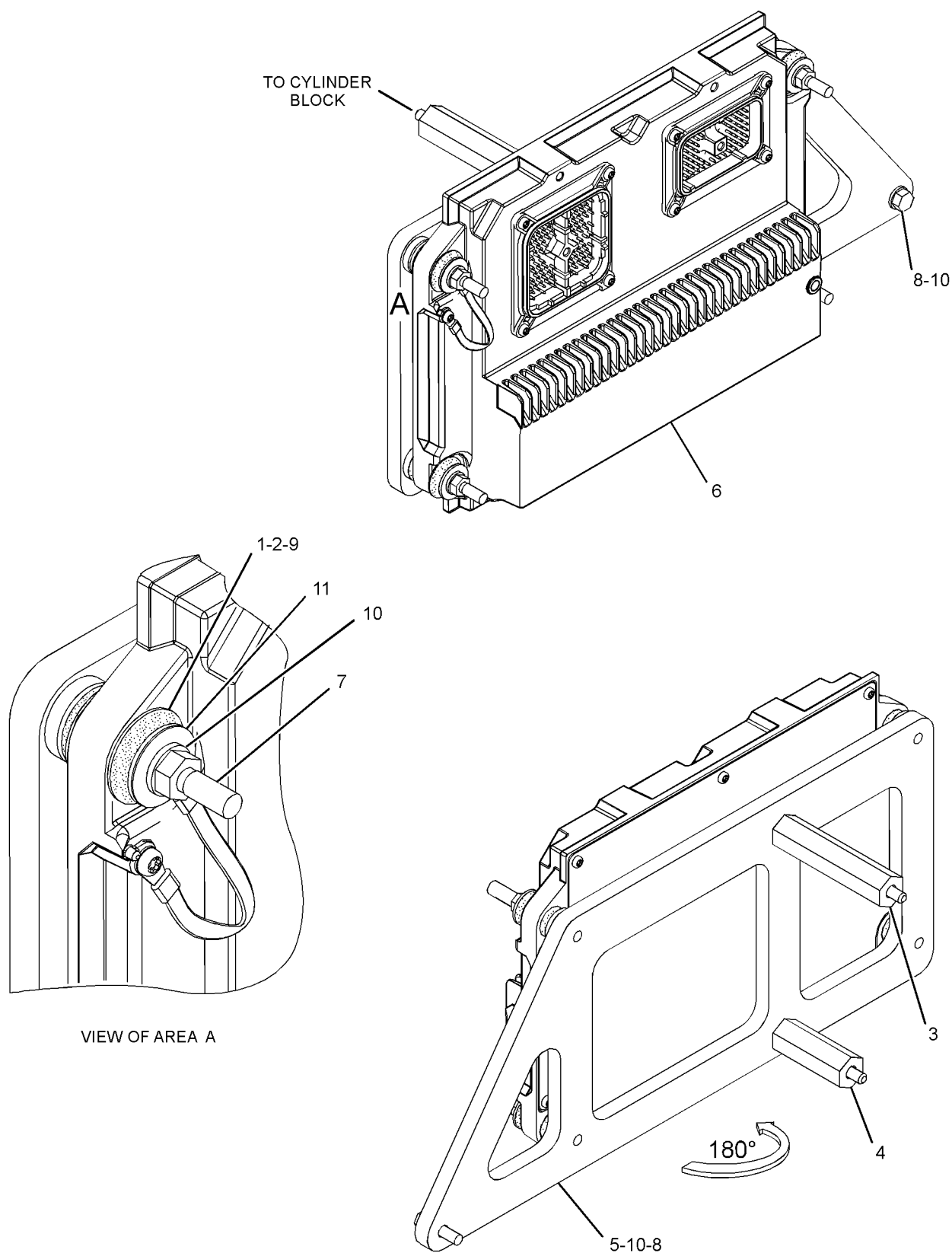
i03879374

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	6I-1418	4	SPACER (8.2X12.7X28.7-MM THK)	
	2	1	8T-9655	8	MOUNT-ISOLATION	
	3	1	155-0696	1	SUPPORT AS	
		1	5L-3708	1	STUD-TAPERLOCK (5/16-18X1.28-IN)	
	4	1	155-0698	1	SUPPORT AS	
		1	5L-3708	1	STUD-TAPERLOCK (5/16-18X1.28-IN)	
	5	1	191-3034	1	SUPPORT	
	6	1	357-7441	1	CONTROL GP-UNPROGRAMMED	
	7	1	161-7419	4	STUD	
	8	1	4B-3388	3	BOLT (5/16-18X1.125-IN)	
	9	1	7X-0613	4	WASHER-HARD (8.8X25.5X5-MM THK)	
	10	1	9M-1974	7	WASHER-HARD (8.8X16X2-MM THK)	
	11	1	9N-0869	4	WASHER-HARD (8.8X25.5X2-MM THK)	

ELECTRICAL AND STARTING SYSTEM

346-1530 CONTROL & MTG GP-ENGINE ELEK (contd.)

i03879374



GRAPHIC #1

<END>

g02200594

ELECTRICAL AND STARTING SYSTEM

334-8853 CONTROL GP-ELECTRONIC-ARD COMBUSTION AIR

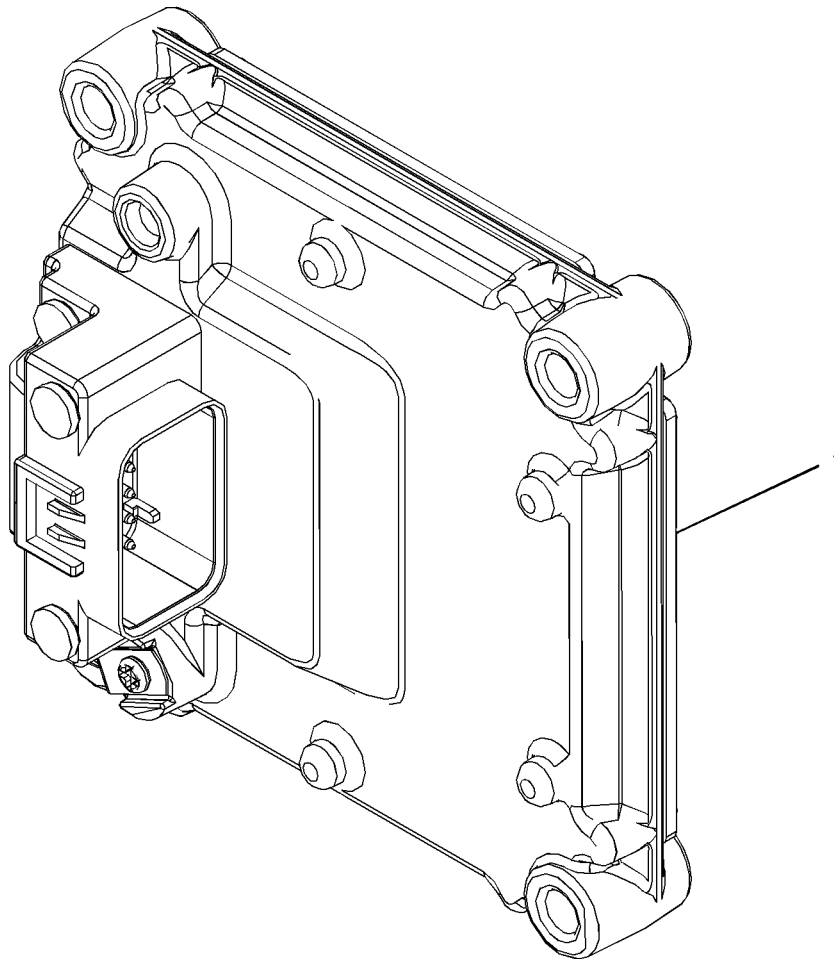
S/N: T4R1-UP

PART OF 336-5012 MODULE & MTG GP-CONTROL

SMCS-1901

i04262492

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	370-9478	1	MODULE GP-CONTROL (ARD COMBUSTION AIR)	



GRAPHIC #1

<END>

g02221582

ELECTRICAL AND STARTING SYSTEM

239-9954 CONTROL GP-UNPROGRAMMED-PRODUCT LINK 300

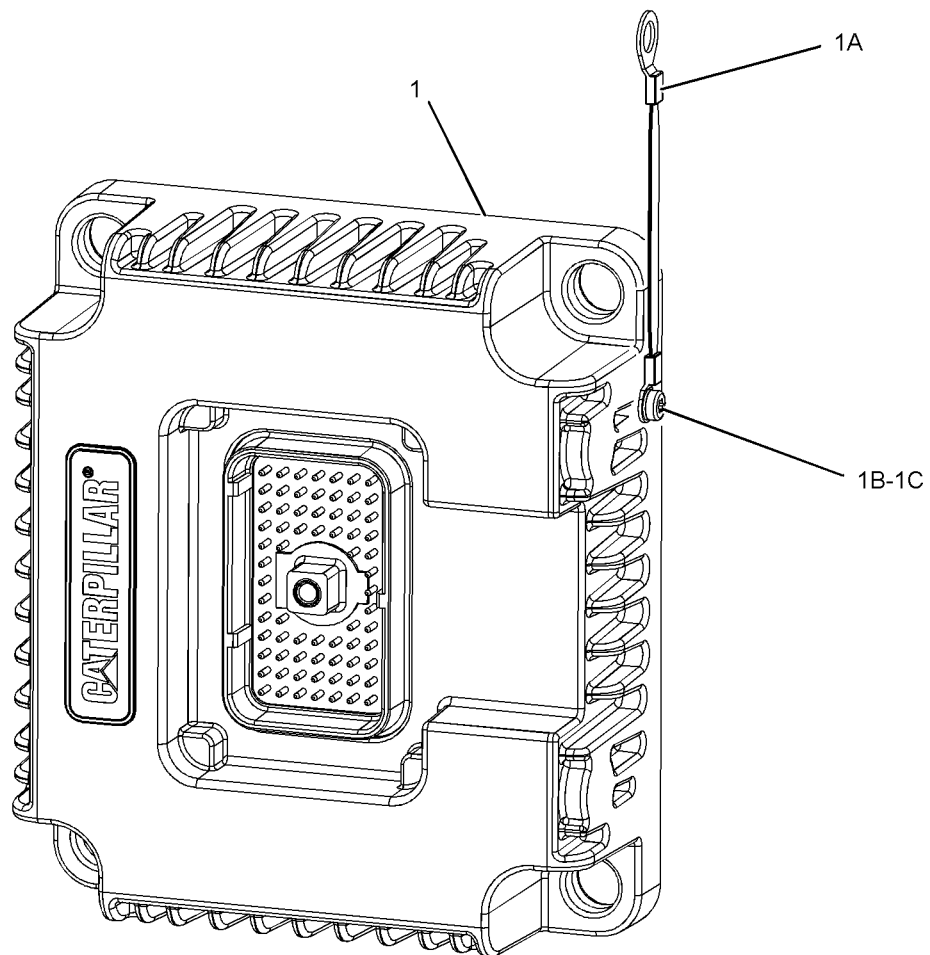
S/N: T4R1-UP

PART OF 351-5929 INSTALLATION AR-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

351-8490 CONTROL GP-UNPROGRAMMED-PRODUCT LINK 522

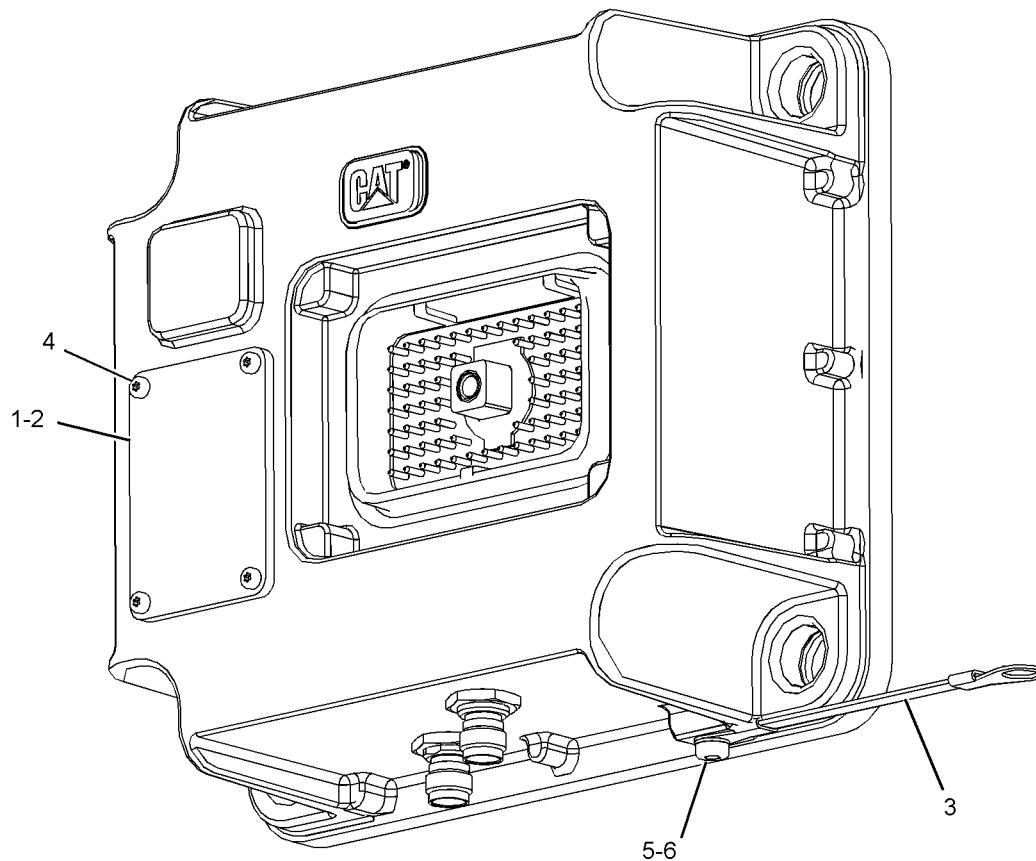
S/N: T4R1-UP

PART OF 351-5930 INSTALLATION AR-COMMUNICATION
AN ATTACHMENT

SMCS-7610

i04282671

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	346-7763	1	COVER AS						
	2	1	351-8488	1	CARD-MEMORY (SUBSCRIBER IDENTITY MODULE)						
	3	1	7X-6315	1	STRAP AS-GROUND						
	4	1	342-9022	4	SCREW-PAN HEAD (M2.5X0.45-THD)						
	5	1	342-9290	1	SCREW-PAN HEAD (M4X0.7-THD)						
	6	1	134-4126	1	WASHER (4.52X8.28X0.76-MM THK)						



GRAPHIC #1

<END>

g02330133

ELECTRICAL AND STARTING SYSTEM

351-8492 CONTROL GP-UNPROGRAMMED-PRODUCT LINK 523

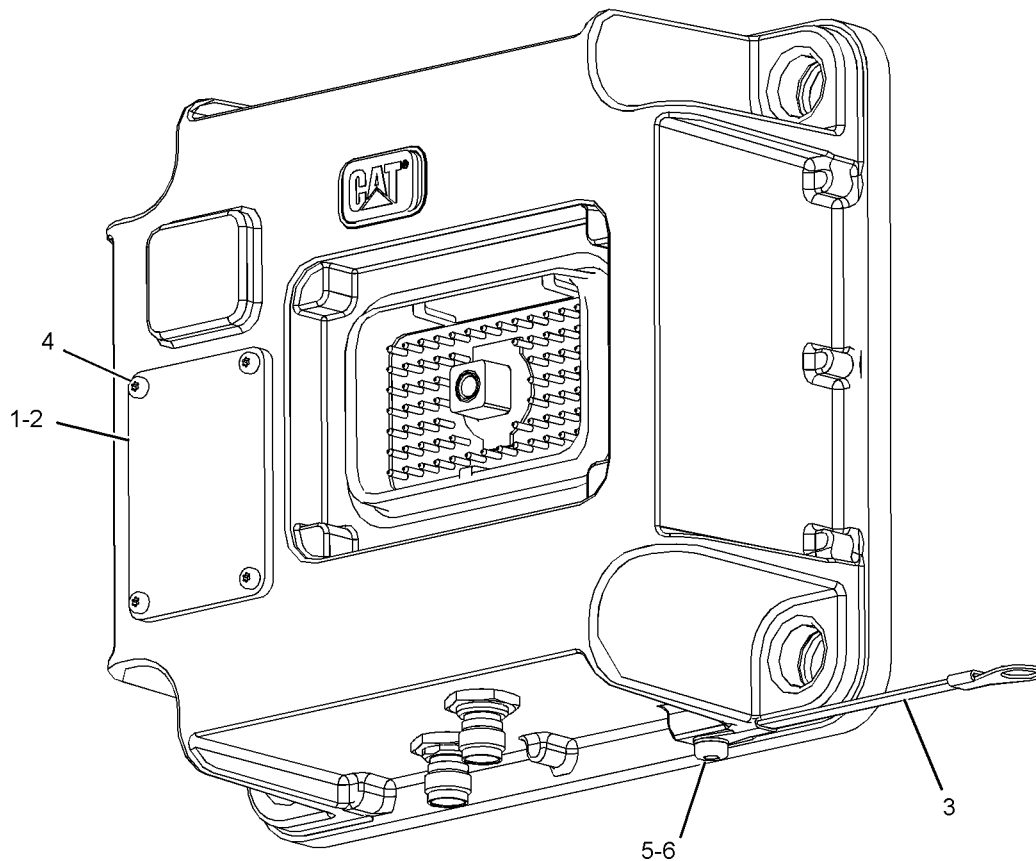
S/N: T4R1-UP

PART OF 351-5928 INSTALLATION AR-COMMUNICATION
AN ATTACHMENT

SMCS-7610

i04282670

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	346-7763	1	COVER AS						
	2	1	351-8488	1	CARD-MEMORY (SUBSCRIBER IDENTITY MODULE)						
	3	1	7X-6315	1	STRAP AS-GROUND						
	4	1	342-9022	4	SCREW-PAN HEAD (M2.5X0.45-THD)						
	5	1	342-9290	1	SCREW-PAN HEAD (M4X0.7-THD)						
	6	1	134-4126	1	WASHER (4.52X8.28X0.76-MM THK)						



GRAPHIC #1

<END>

g02330133

ELECTRICAL AND STARTING SYSTEM

291-8668 ELECTRICAL AR

S/N: T4R1-UP

PART OF 291-8649 GENERAL AR

SMCS-1400, 1401, 1408, 1429, 1453, 1454,
1465, 7402, 7406

i04169572

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	291-8780	1	BATTERY & WIRING GP						227
Y	291-8783	1	WIRING GP-FRONT						329
Y	291-8785	1	WIRING GP-REAR						341

Y-SEPARATE ILLUSTRATION

<END>

262-2043 ELECTRONICS GP-COMMUNICATION- PRODUCT LINK 300

S/N: T4R1-UP

PART OF 351-5929 INSTALLATION AR-COMMUNICATION
AN ATTACHMENT

SMCS-7606, 7610, 7620

i04184949

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	355-5105	1	SOFTWARE GP-COMMUNICATION (PRODUCT LINK 300)						
			-OR-						
	355-9764	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>

336-3545 ELECTRONICS GP-COMMUNICATION- PRODUCT LINK 121SR

S/N: T4R1-UP

PART OF 351-5929, 351-5931 INSTALLATION AR-COMMUNICATION
AN ATTACHMENT

SMCS-7606, 7610, 7620

i03729461

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	336-3566	1	SOFTWARE GP-COMMUNICATION (PRODUCT LINK 121SR)						

<END>

ELECTRICAL AND STARTING SYSTEM

291-8671 ELECTRONICS GP-MACHINE

S/N: T4R1-UP

PART OF 291-8649 GENERAL AR

SMCS-7610, 7620

i04169573

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	366-9854	1	ELECTRONICS	GP-MACHINE					245
Y	366-9855	1	ELECTRONICS	GP-MONITOR					246
Y	366-9856	1	ELECTRONICS	GP-POWER TRAIN					246
Y-SEPARATE ILLUSTRATION									

<END>

366-9854 ELECTRONICS GP-MACHINE

S/N: T4R1-UP

PART OF 291-8671 ELECTRONICS GP-MACHINE

SMCS-7610, 7620

i04169662

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	334-9414	1	SOFTWARE GP-MACHINE						
			-OR-						
	334-9415	1	SERVICE GP-MACHINE						
			(OPTIONAL SERVICE REPLACEMENT) (INCLUDES CONTROL GP & SOFTWARE)						

<END>

354-0745 ELECTRONICS GP-MONITOR-VIMS 3G MAIN

S/N: T4R1-UP

PART OF 351-5931 INSTALLATION AR-COMMUNICATION
AN ATTACHMENT

SMCS-7490, 7610, 7620

i04220147

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	366-7855	1	SOFTWARE GP-MONITOR (VIMS 3G MAIN)						
	358-8261	1	SOFTWARE GP-MONITOR (VIMS 3G MAIN)						

<END>

354-0746 ELECTRONICS GP-MONITOR-PRODUCT LINK

S/N: T4R1-UP

PART OF 351-5930 INSTALLATION AR-COMMUNICATION
AN ATTACHMENT

SMCS-7490, 7610, 7620

i04077051

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	358-8261	1	SOFTWARE GP-MONITOR (VIMS 3G MAIN)						
	361-0607	1	SOFTWARE GP-MONITOR (PRODUCT LINK CELLULAR)						

<END>

ELECTRICAL AND STARTING SYSTEM

363-7678 ELECTRONICS GP-MONITOR-PRODUCT LINK

S/N: T4R1-UP

PART OF 351-5928 INSTALLATION AR-COMMUNICATION
AN ATTACHMENT

SMCS-7490, 7610, 7620

i04217850

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	353-9424	1	SOFTWARE	GP-MONITOR	(VIMS	3G	MAIN)		
	361-0608	1	SOFTWARE	GP-MONITOR	(VIMS	3G	MAIN)		
<END>									

366-9855 ELECTRONICS GP-MONITOR

S/N: T4R1-UP

PART OF 291-8671 ELECTRONICS GP-MACHINE

SMCS-7490, 7610, 7620

i04169663

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	361-0612	1	SOFTWARE GP-MONITOR						
<END>									

366-9856 ELECTRONICS GP-POWER TRAIN

S/N: T4R1-UP

PART OF 291-8671 ELECTRONICS GP-MACHINE

SMCS-4800, 4808, 7610, 7620

i04169664

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	334-9408	1	SOFTWARE GP-POWER TRAIN						
			-OR-						
	334-9409	1	SERVICE GP-POWER TRAIN						
			(OPTIONAL SERVICE REPLACEMENT) (INCLUDES CONTROL GP & SOFTWARE)						
			<END>						

319-6827 HARNESS AS-SENSOR-CAMERA

S/N: T4R1-UP

PART OF 358-6986 WIRING GP-CAB

SMCS-1408

i04280492

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	155-2257	1	KIT-CONNECTING PLUG (12-PIN)						
			(INCLUDES PLUG AS,WEDGE & INTERFACE SEAL)						
	8T-8737	8	PLUG-SEAL						
	8T-8730	4	SOCKET-CONNECTOR (16-GA TO 18-GA)						
E	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (10-CM)						
E-ORDER BY THE CENTIMETER									
<END>									

ELECTRICAL AND STARTING SYSTEM

355-0256 HEATER GP-JACKET WATER

S/N: T4R1-UP

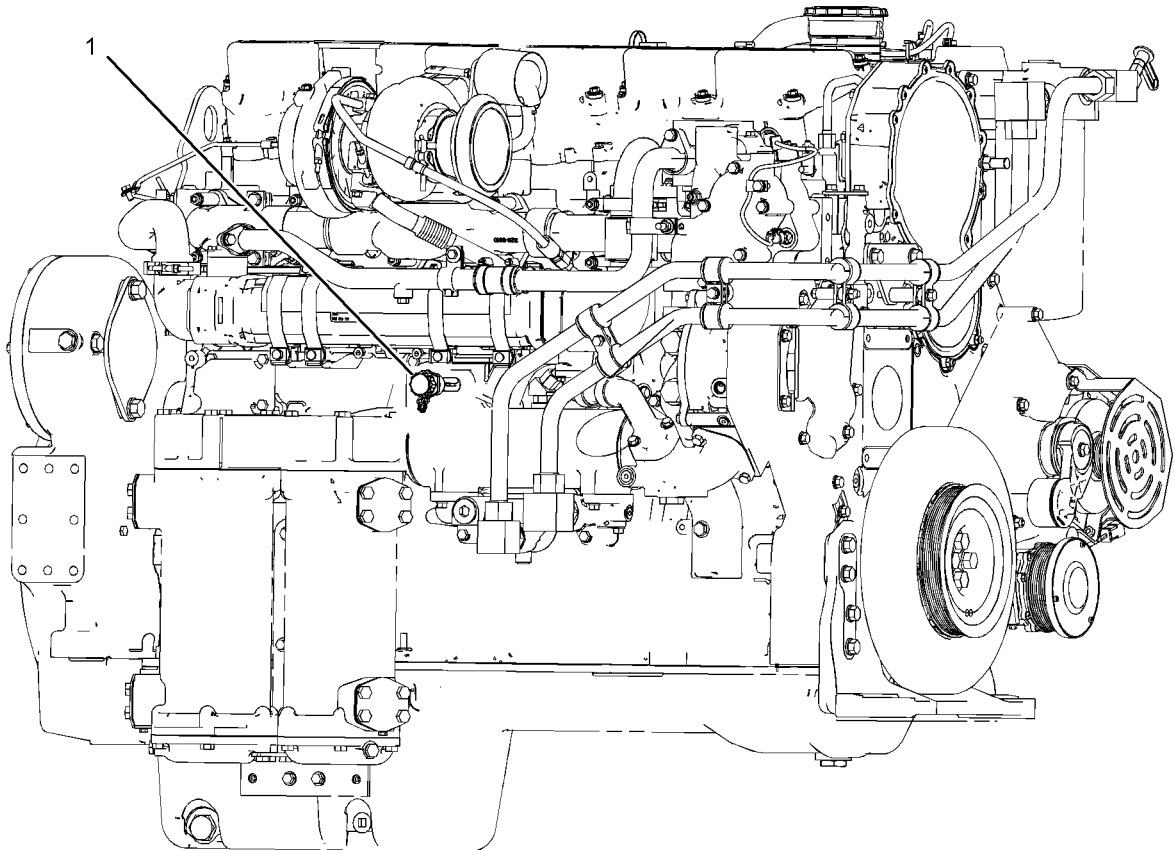
120-VOLT

AN ATTACHMENT

SMCS-1383

i04083649

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)						
		1	7M-8485	1	SEAL-O-RING						
		1	133-6517	1	CAP AS-DUST						



RIGHT SIDE VIEW

<END>

GRAPHIC #1

g02313775

ELECTRICAL AND STARTING SYSTEM

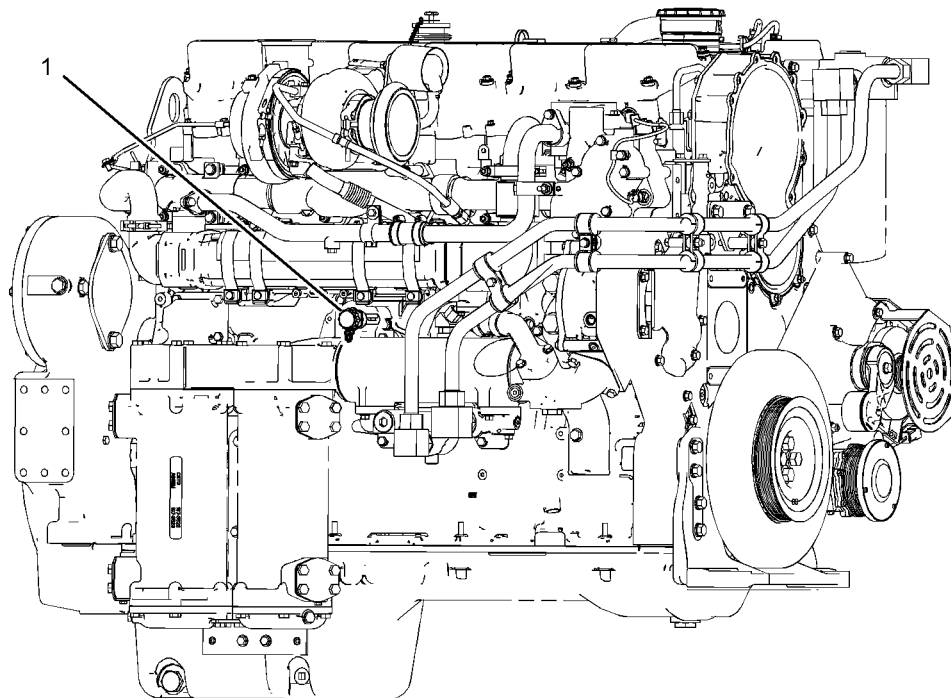
355-0257 HEATER GP-JACKET WATER

S/N: T4R1-UP
240-VOLT, 1500-WATT
AN ATTACHMENT

SMCS-1383

i04083650

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	



RIGHT SIDE VIEW
(UPPER FRONT)

GRAPHIC #1

<END>

g02312780

ELECTRICAL AND STARTING SYSTEM

351-5928 INSTALLATION AR-COMMUNICATION- PRODUCT LINK 523

S/N: T4R1-UP
AN ATTACHMENT

SMCS-7606

i04217849

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	351-8492	1	CONTROL GP-UNPROGRAMMED (PRODUCT LINK 523)						243
Y	363-7678	1	ELECTRONICS GP-MONITOR (PRODUCT LINK)						246
Y	354-0747	1	FILM GP (PRODUCT LINK)						778
E	346-9376	1	ANTENNA AS (50-CM)						
	355-1213	1	PLUG						
	361-1045	1	NUT-SPECIAL						
	353-8773	1	CABLE AS-ANTENNA						
	317-9750	1	PLATE AS						
	7T-1099	1	LINK						
	278-0298	1	PLATE AS-MOUNTING						
M	8C-8451	4	BOLT (M6X1X40-MM)						
M	8T-4136	2	BOLT (M10X1.5X25-MM)						
	4D-7794	3	CLIP						
	3E-0105	3	MOUNT						
	9X-9896	8	MOUNT (ISOLATION)						
M	5I-3166	1	SCREW (M5X0.8X8-MM)						
	8C-5608	4	SPACER (6.5X9.5X25.4-MM THK)						
	3S-2093	16	STRAP-CABLE						
	9X-6165	4	WASHER (6.5X22X2.5-MM THK)						
	114-6658	3	WASHER (6.5X17X1-MM THK)						
	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						

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

<END>

ELECTRICAL AND STARTING SYSTEM

351-5929 INSTALLATION AR-COMMUNICATION- PRODUCT LINK 300 S/N: T4R1-UP AN ATTACHMENT

SMCS-7606

i04077009

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	239-9954	1	CONTROL GP-UNPROGRAMMED (PRODUCT LINK 300)						241
Y	262-2043	1	ELECTRONICS GP-COMMUNICATION (PRODUCT LINK 300)						244
Y	354-0747	1	FILM GP						778
Y	336-3545	1	ELECTRONICS GP-COMMUNICATION (PRODUCT LINK 121SR)						244
	310-2393	1	ANTENNA AS (450-CM)						
	301-0589	1	ANTENNA (FLEXIBLE)						
	355-0598	1	NUT-SPECIAL						
	317-9750	1	PLATE AS						
	7T-1099	1	LINK						
	278-0298	1	PLATE AS-MOUNTING						
M	8C-8451	4	BOLT (M6X1X40-MM)						
M	8T-4136	2	BOLT (M10X1.5X25-MM)						
M	5C-9553	4	BOLT (M6X1X16-MM)						
	5P-9085	3	CLIP						
	3E-0105	3	MOUNT						
	9X-9896	8	MOUNT (ISOLATION)						
M	5I-3166	3	SCREW (M5X0.8X8-MM)						
	8C-5608	4	SPACER (6.5X9.5X25.4-MM THK)						
	3S-2093	16	STRAP-CABLE						
	9X-6165	4	WASHER (6.5X22X2.5-MM THK)						
	114-6658	3	WASHER (6.5X17X1-MM THK)						
	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
M-METRIC PART Y-SEPARATE ILLUSTRATION									

<END>

ELECTRICAL AND STARTING SYSTEM

351-5930 INSTALLATION AR-COMMUNICATION- PRODUCT LINK 522

S/N: T4R1-UP
AN ATTACHMENT

SMCS-7606

i04077029

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	351-8490	1	CONTROL GP-UNPROGRAMMED (PRODUCT LINK 522) (COMMUNICATION)						242
Y	354-0746	1	ELECTRONICS GP-MONITOR (PRODUCT LINK)						245
Y	354-0747	1	FILM GP						778
	346-9376	1	ANTENNA AS (50-CM)						
	355-1213	1	PLUG						
	361-1045	1	NUT-SPECIAL						
	353-8773	1	CABLE AS-ANTENNA						
	317-9750	1	PLATE AS						
	7T-1099	1	LINK						
	278-0298	1	PLATE AS-MOUNTING						
M	8C-8451	4	BOLT (M6X1X40-MM)						
M	8T-4136	2	BOLT (M10X1.5X25-MM)						
	4D-7794	3	CLIP						
	3E-0105	3	MOUNT						
	9X-9896	8	MOUNT (ISOLATION)						
M	5I-3166	3	SCREW (M5X0.8X8-MM)						
	8C-5608	4	SPACER (6.5X9.5X25.4-MM THK)						
	3S-2093	16	STRAP-CABLE						
	9X-6165	4	WASHER (6.5X22X2.5-MM THK)						
	114-6658	3	WASHER (6.5X17X1-MM THK)						
	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

<END>

ELECTRICAL AND STARTING SYSTEM

351-5931 INSTALLATION AR-COMMUNICATION- PRODUCT LINK, VIMS S/N: T4R1-UP AN ATTACHMENT

SMCS-7606

i04219835

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	285-1141	1	APPLICATION GP-MONITOR (VIMS)						226
Y	336-3545	1	ELECTRONICS GP-COMMUNICATION (PRODUCT LINK 121SR)						244
Y	354-0745	1	ELECTRONICS GP-MONITOR (VIMS 3G MAIN)						245
Y	354-0747	1	FILM GP						778
	310-2393	1	ANTENNA AS (450-CM)						
	301-0589	1	ANTENNA (FLEXIBLE)						
	355-0598	1	NUT-SPECIAL						
	317-9750	1	PLATE AS						
	7T-1099	1	LINK						
	278-0298	1	PLATE AS-MOUNTING						
M	5C-9553	4	BOLT (M6X1X16-MM)						
M	8C-8451	4	BOLT (M6X1X40-MM)						
M	8T-4136	2	BOLT (M10X1.5X25-MM)						
	5P-9085	3	CLIP						
	3E-0105	3	MOUNT (U.S. SOURCED)						
	9X-9896	8	MOUNT (ISOLATION)						
M	5I-3166	3	SCREW (M5X0.8X8-MM)						
	8C-5608	4	SPACER (6.5X9.5X25.4-MM THK)						
	3S-2093	16	STRAP-CABLE						
	9X-6165	4	WASHER (6.5X22X2.5-MM THK)						
	114-6658	3	WASHER (6.5X17X1-MM THK)						
	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION

<END>

ELECTRICAL AND STARTING SYSTEM

351-5926 INSTALLATION GP-SECURITY-MACHINE

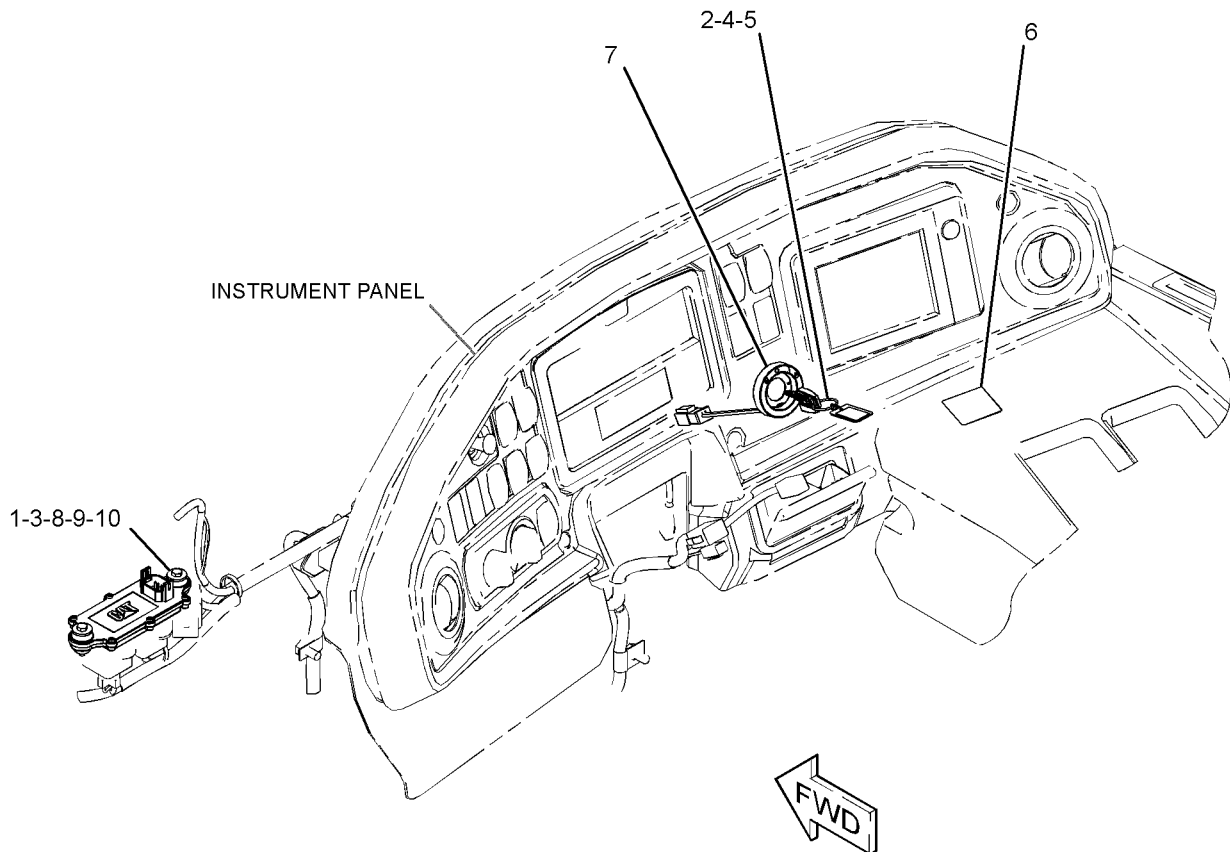
S/N: T4R1-UP
AN ATTACHMENT

SMCS-7631

i04278970

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	8C-5607	4	MOUNT-ISOLATION	
	2	1	206-5162	1	KEY AS-ELECTRONIC (SECURITY)	
	3	1	218-0404	1	MODULE GP-INTERFACE (KEY)	
		1	6V-6715	1	SCREW-PAN HEAD (4-20X0.25-IN)	
		1	8C-3095	1	SEAL-O-RING	
	4	1	219-6314	1	KEY RING (IDENTIFICATION)	
	5	1	219-6607	1	FILM-INFORMATION (SECURITY SYSTEM)	
	6	1	225-5927	1	FILM-INSTRUCTION (MACHINE SECURITY, READ OMM)	
	7	1	357-0325	1	COIL AS (EXCITER)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	205-8257	1	COIL AS (EXCITER)	
D		1	5P-5677		WIRE (18-GA, BLACK) (0.4-M)	
		1	8T-8729	2	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	345-0401	1	FILM (IGNITION SWITCH)	
M	8	1	7X-2533	2	BOLT (M6X1X35-MM)	
	9	1	8C-5608	2	SPACER (6.5X9.5X25.4-MM THK)	
	10	1	9X-6165	2	WASHER (6.5X22X2.5-MM THK)	

D-ORDER BY THE METER
M-METRIC PART



GRAPHIC #1

<END>

g02451536

ELECTRICAL AND STARTING SYSTEM

260-0161 LAMP GP-FLLOOD

S/N: T4R1-UP

24-VOLT, 65 WATT

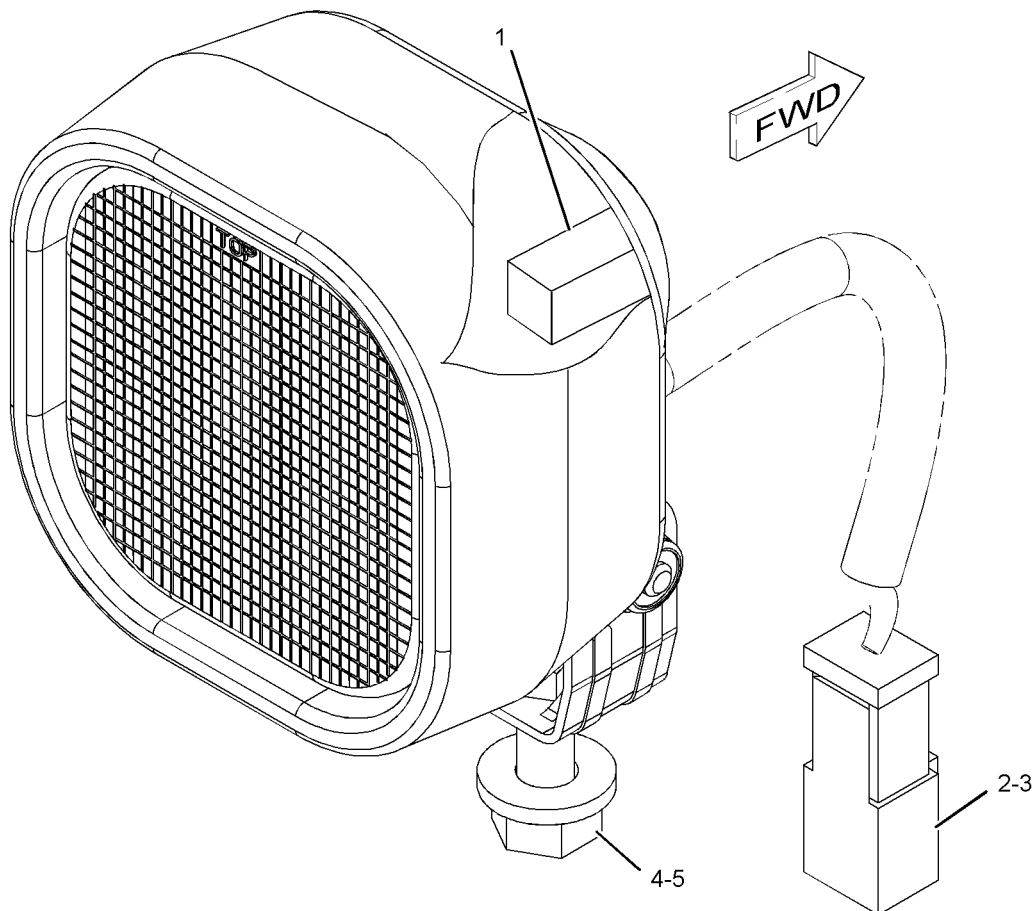
PART OF 291-9440 WARNING GP-BACKUP

SMCS-1434

i04184850

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) (FLOODLIGHT)	
	2	1	102-8802	1	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE & WEDGE)	
	3	1	8T-8729	2	PIN-CONNECTOR (16-GA TO 18-GA)	
M	4	1	8T-4133	1	NUT (M10X1.5-THD)	
	5	1	5P-1075	1	WASHER-HARD (10.2X22.5X3-MM THK)	

M-METRIC PART



GRAPHIC #1

<END>

g01143982

ELECTRICAL AND STARTING SYSTEM

260-0162 LAMP GP-FLOOD

S/N: T4R1-UP

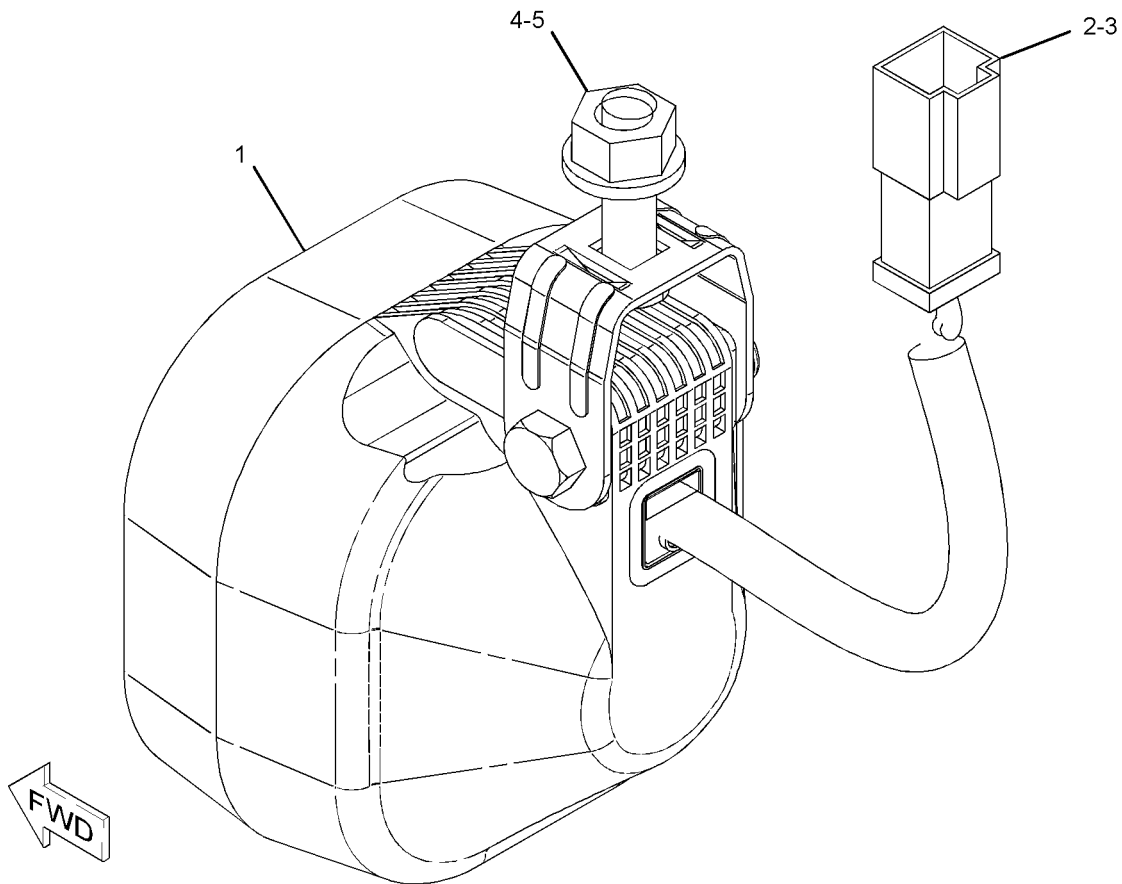
24-VOLT, 65-WATT

PART OF 358-6986 WIRING GP-CAB

SMCS-1434

i04184851

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) (FLOODLIGHT)	
	2	1	102-8802	1	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
	3	1	8T-8729	2	PIN-CONNECTOR (16-GA TO 18-GA)	
M	4	1	8T-4133	1	NUT (M10X1.5-THD)	
	5	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)	
M-METRIC PART						



GRAPHIC #1

<END>

g01133738

ELECTRICAL AND STARTING SYSTEM

334-6198 LAMP GP-FLOOD-HID

S/N: T4R1-UP

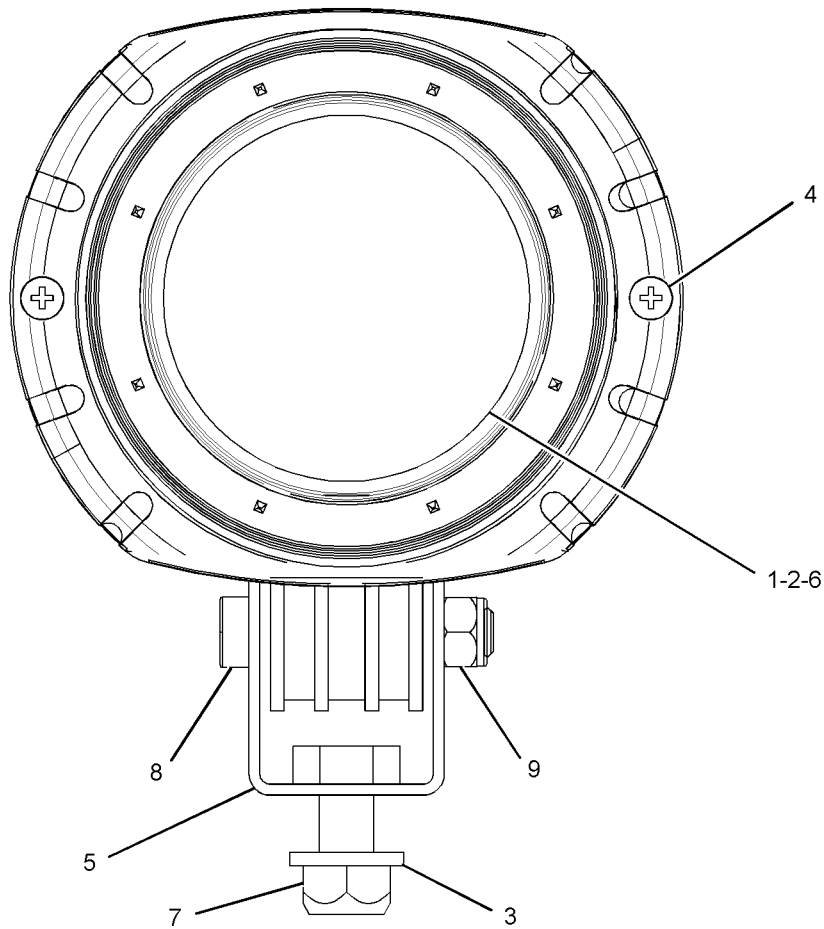
24-VOLT, 35 WATT

PART OF 354-0730 LIGHTING GP-CAB
AN ATTACHMENT

SMCS-1434

i04047140

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	352-8986	1	LENS						
	2	1	290-8160	1	LAMP (24-VOLT, HID)						
	3	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
	4	1	9X-4244	2	SCREW-SPECIAL (M4X1.79X25-MM)						
	5	1	317-7685	1	BRACKET						
	6	1	319-7384	1	BALLAST AS (24-VOLT, 35-WATT, HID)						
M	7	1	6V-7744	1	LOCKNUT (M10X1.5-THD)						
M	8	1	8T-4189	1	BOLT (M8X1.25X20-MM)						
M	9	1	6V-9189	1	LOCKNUT (M8X1.25-THD)						
M-METRIC PART											



FRONT VIEW
<END>

GRAPHIC #1

g02341619

ELECTRICAL AND STARTING SYSTEM

335-7370 LAMP GP-HEAD & SIGNAL-24-VOLT, RH

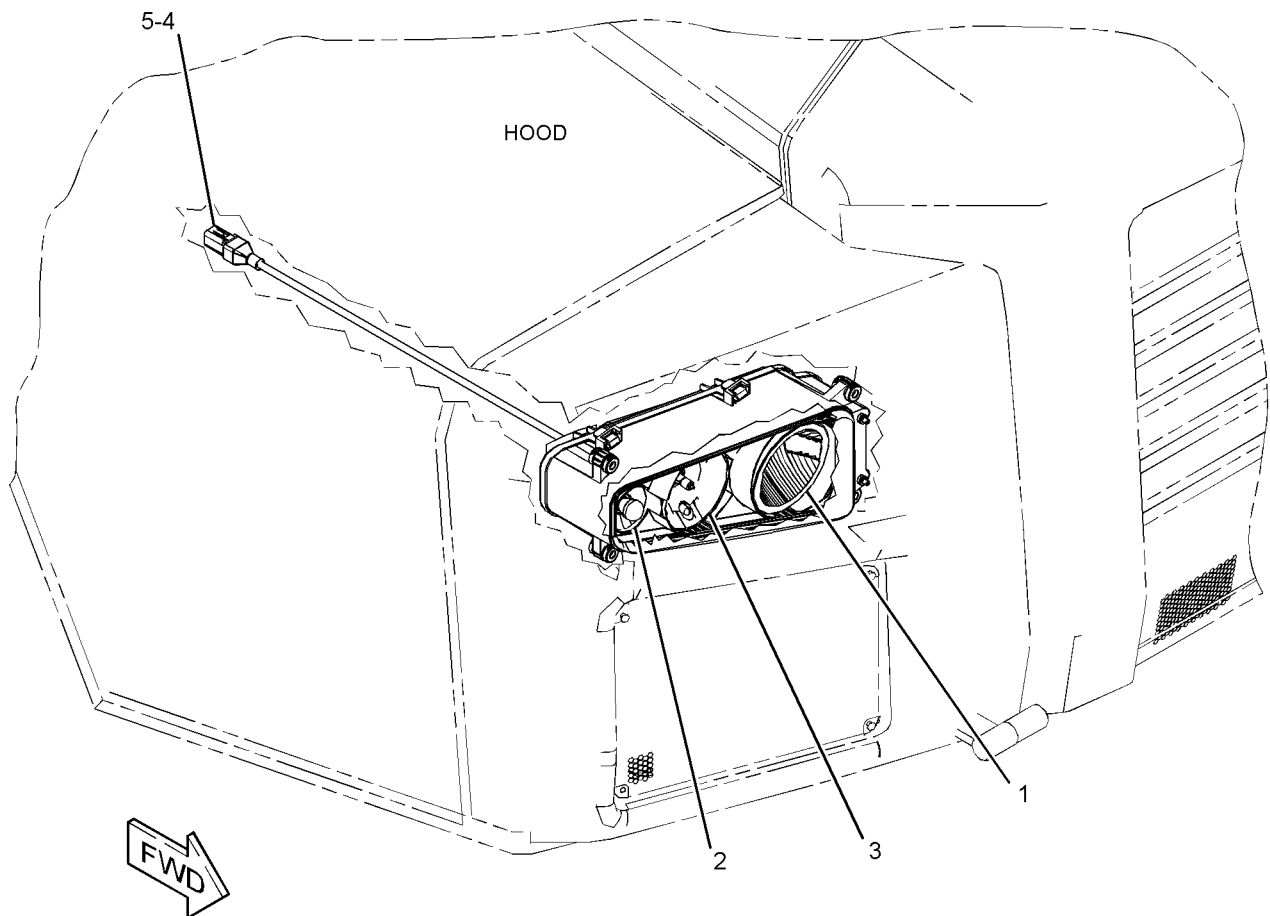
S/N: T4R1-UP

PART OF 328-3984 WIRING GP-LIGHTING

SMCS-1429, 1430

i04171541

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	351-9918	2	LAMP-HALOGEN (24-VOLT, 70-WATT)						
	2	1	130-3515	1	LAMP (24-VOLT, 5-WATT)						
	3	1	242-0588	1	LAMP (24-VOLT, 21-WATT)						
	4	1	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	5	1	8T-8729	6	PIN-CONNECTOR (16-GA TO 18-GA)						



GRAPHIC #1

<END>

g02403717

ELECTRICAL AND STARTING SYSTEM

335-7371 LAMP GP-HEAD & SIGNAL-24-VOLT, LH

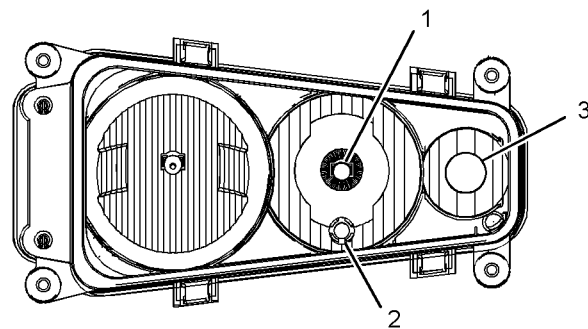
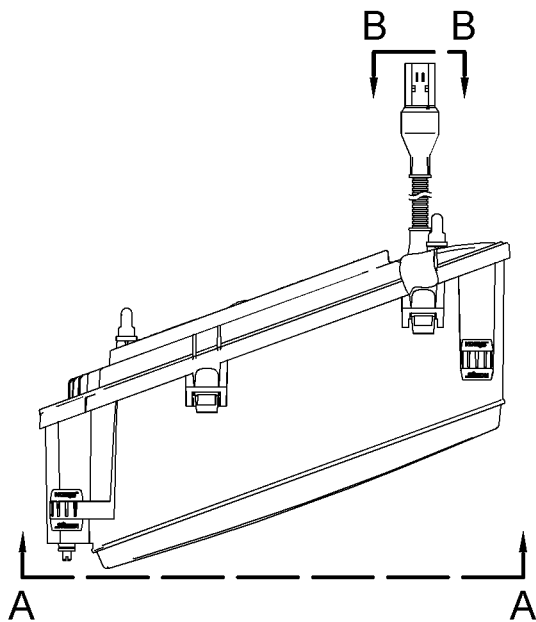
S/N: T4R1-UP

PART OF 328-3984 WIRING GP-LIGHTING

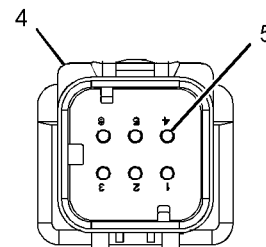
SMCS-1429, 1430

i04171542

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	351-9918	2	LAMP-HALOGEN (24-VOLT, 70-WATT)						
	2	1	130-3515	1	LAMP (24-VOLT, 5-WATT)						
	3	1	242-0588	1	LAMP (24-VOLT, 21-WATT)						
	4	1	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	5	1	8T-8729	6	PIN-CONNECTOR (16-GA TO 18-GA)						



VIEW A-A
(PARTS REMOVED FOR CLARITY)



VIEW B-B

GRAPHIC #1

<END>

g02403976

ELECTRICAL AND STARTING SYSTEM

354-0730 LIGHTING GP-CAB-24-VOLT, 35-WATT, HID

S/N: T4R1-UP
AN ATTACHMENT

SMCS-1429, 1433, 1434

i04280535

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	334-6198	2	LAMP GP-FLOOD (24-VOLT, 35-WATT, HID)						256
	363-7699	2	GROMMET AS						
	364-3066	2	HARNESS AS-LIGHTING (FLOODLIGHTS, FRONT)						
			(EACH INCLUDES)						
E	153-2707		CABLE-ELECTRICAL (2-CONDUCTOR, 18-GA)						
			(34-CM)						
	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
			(INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
	8T-8730	2	SOCKET-CONNECTOR (16-GA TO 18-GA)						
	266-2905	1	TERMINAL AS						
	266-2903	1	TERMINAL AS						
			(EACH TERMINAL AS INCLUDES)						
D	6V-2689		TUBE-HEAT SHRINK (6.35-MM DIA) (0.1-M)						
E	125-7876		TUBE-HEAT SHRINK (17.78-MM DIA) (1-CM)						
	334-7783	1	SWITCH AS-ROCKER (FLOODLIGHTS, FRONT)						
	111-7899	1	GASKET						

D-ORDER BY THE METER
E-ORDER BY THE CENTIMETER
Y-SEPARATE ILLUSTRATION

<END>

ELECTRICAL AND STARTING SYSTEM

336-5012 MODULE & MTG GP-CONTROL-ARD COMBUSTION AIR

S/N: T4R1-UP

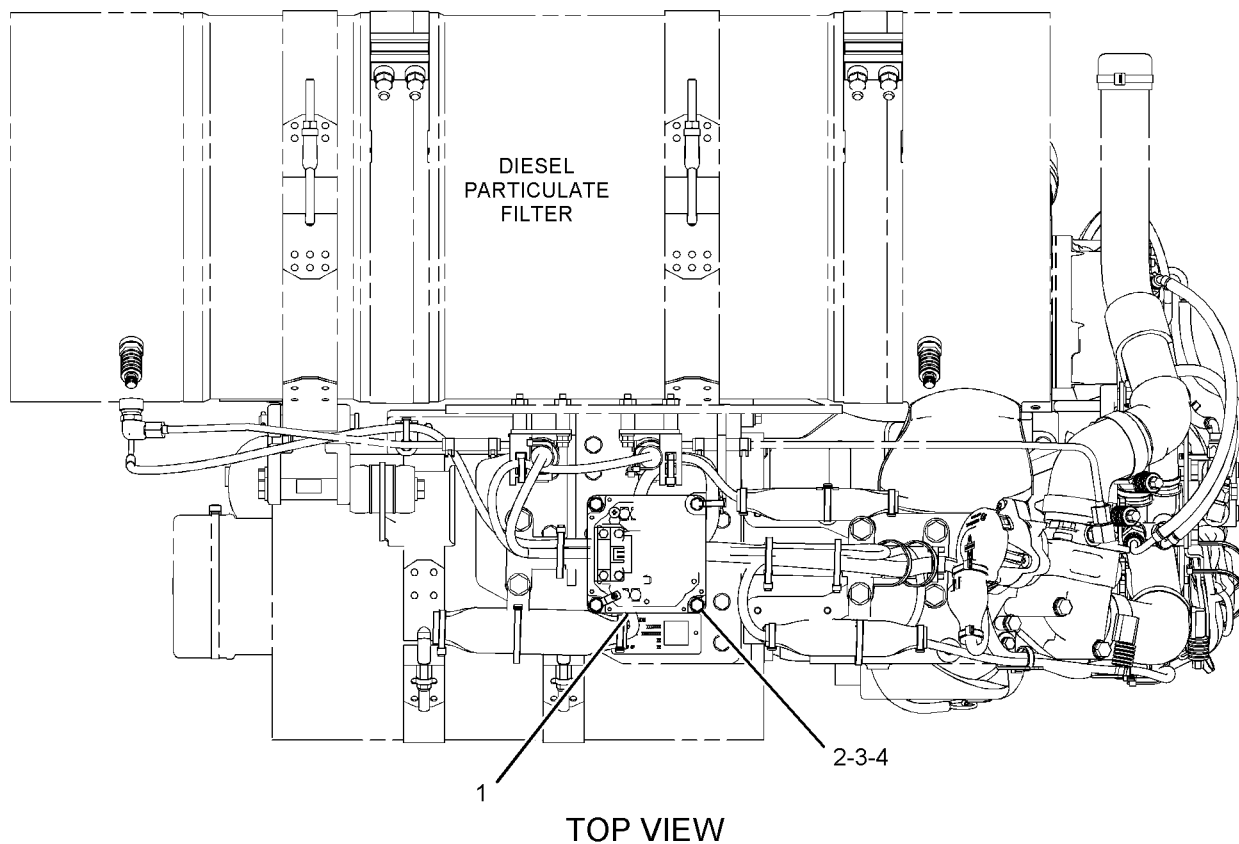
PART OF 362-8784 MODULE AR-CLEAN EMISSIONS

SMCS-1900, 1901

i03865431

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	334-8853	1	CONTROL GP-ELECTRONIC (ARD COMBUSTION AIR)	240
	2	1	344-1200	4	WASHER-HARD (6.6X12X2-MM THK)	
	3	1	242-2961	4	SPACER (7X16X12-MM THK)	
	4	1	344-2768	4	BOLT (M6X1X50-MM)	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02161933

ELECTRICAL AND STARTING SYSTEM

343-8798 MOUNTING GP-SENSOR

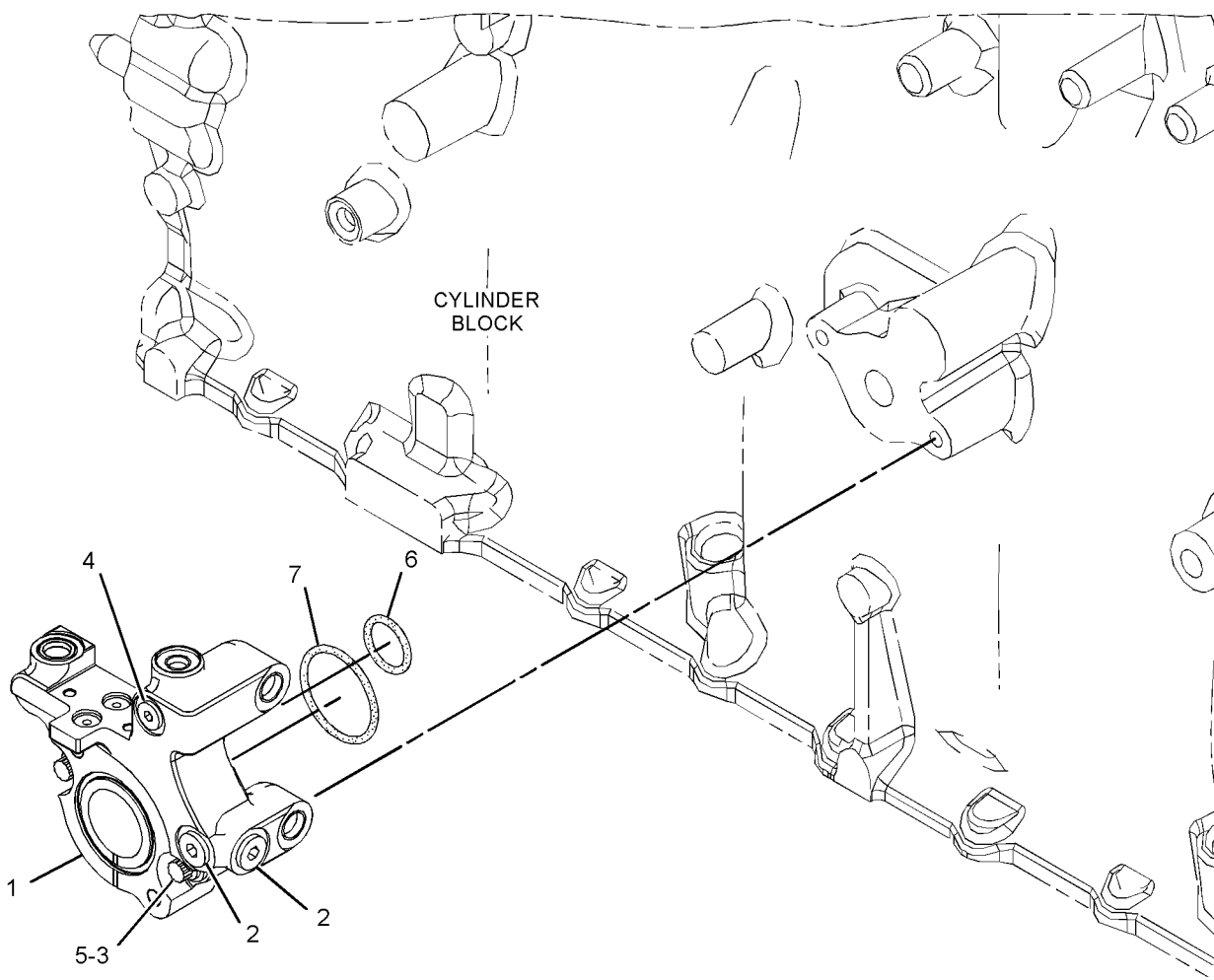
S/N: TXL1-UP; L4X1-UP

PART OF 365-3722 ENGINE AR-COMPLETE

SMCS-1923, 1924

i03837060

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	343-8799	1	ADAPTER						
	2	1	183-3407	2	PLUG AS						
					(EACH INCLUDES)						
		1	9S-8004	1	PLUG-O-RING						
		1	214-7568	1	SEAL-O-RING						
3		1	1T-0720	2	BOLT-12 POINT HEAD (3/8-16X1.25-IN)						
4		1	307-2671	1	PLUG AS						
		1	9S-8002	1	PLUG-O-RING						
		1	214-7568	1	SEAL-O-RING						
5		1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
6		1	6V-3683	1	SEAL-O-RING						
7		1	8J-4351	1	SEAL-O-RING						



GRAPHIC #1

<END>

g02251595

ELECTRICAL AND STARTING SYSTEM

337-6317 PANEL GP-CIRCUIT BREAKER

S/N: T4R1-UP

PART OF 291-8780 BATTERY & WIRING GP

SMCS-1420

i04169635

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3E-5169	1	GUARD-SWITCH	
	2	1	3S-2093	9	STRAP-CABLE	
	3	1	7U-4891	6	SCREW (10-32X1-IN)	
	4	1	7V-9275	2	STRAP	
	5	1	171-2205	2	CIRCUIT BREAKER AS (40-AMPERE) (MAIN)	
					(EACH INCLUDES)	
		1	6V-8187	2	NUT (1/4-28-THD)	
		1	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)	
		1	253-2111	2	LOCKWASHER	
	6	1	171-2215	1	CIRCUIT BREAKER AS (150-AMPERE) (MAIN)	
		1	6V-8187	2	NUT (1/4-28-THD)	
		1	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)	
		1	253-2111	2	LOCKWASHER	
Y	7	1	209-5582	1	SWITCH GP-MAGNETIC (24-VOLT) (START RELAY)	306
	8	1	288-3687	1	CIRCUIT BREAKER AS (20-AMPERE) (FAN)	
		1	6V-8378	2	NUT (10-32-THD)	
		1	8F-1434	2	LOCKWASHER	
		1	8T-0328	2	WASHER-HARD (5.5X10X1-MM THK)	
	9	1	297-8752	1	SWITCH AS-TOGGLE (ENGINE SHUTOFF)	
D		1	5P-5677		WIRE (18-GA, BLACK) (0.3-M EACH)	
		1	8T-8729	3	PIN-CONNECTOR (16-GA TO 18-GA)	
E		1	112-4550		SLEEVE (21-CM)	
		1	230-4014	1	RECEPTACLE AS-CONNECTOR (3-PIN)	
		1	271-2178	1	SWITCH AS-TOGGLE (ENGINE SHUTOFF)	
		1	6T-3631	2	NUT-HEX (15/32-32-THD)	
		1	6T-3632	1	LOCKWASHER	
		1	6T-3633	1	RING-LOCKING	
	10	1	336-2816	1	HARNESS AS-PANEL	
		1	180-9214	2	NUT (1-11/16-18-THD)	
		1	213-0139	1	PIN	
		1	8T-8729	12	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	9W-0852	9	PIN-CONNECTOR (14-GA TO 16-GA)	
		1	155-2265	1	KIT-CONNECTING PLUG (8-PIN)	
		1	155-2270	5	KIT-CONNECTING PLUG (2-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
		1	230-4011	2	PLUG AS-CONNECTOR (2-PIN)	
					(EACH INCLUDES)	
		1	264-7029	1	SEAL-CONNECTOR	
		1	230-4013	1	PLUG AS-CONNECTOR (3-PIN)	
		1	264-7030	1	SEAL-CONNECTOR	
		1	8T-8737	16	PLUG-SEAL	
		1	274-8267	1	PLUG	
		1	272-2840	1	RECEPTACLE AS-CONNECTOR (31-PIN)	
		1	274-3778	1	CAP-SEAL	
		1	8T-8730	11	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		1	9W-0844	6	SOCKET-CONNECTOR (14-GA TO 16-GA)	
		1	9X-3402	7	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		1	128-4178	2	TERMINAL AS	
					(EACH INCLUDES)	
		1	2L-8068	1	TERMINAL-RING (10-GA TO 12-GA, 5/16-IN SCREW)	
D		1	5P-6006		TUBE-HEAT SHRINK (9.52-MM DIA) (0.1-M)	
		1	2L-8067	3	TERMINAL-RING (10-GA TO 12-GA, 1/4-IN SCREW)	
		1	2L-8076	2	TERMINAL-RING (14-GA TO 16-GA, NO. 10 SCREW)	

ELECTRICAL AND STARTING SYSTEM

337-6317 PANEL GP-CIRCUIT BREAKER (contd.)

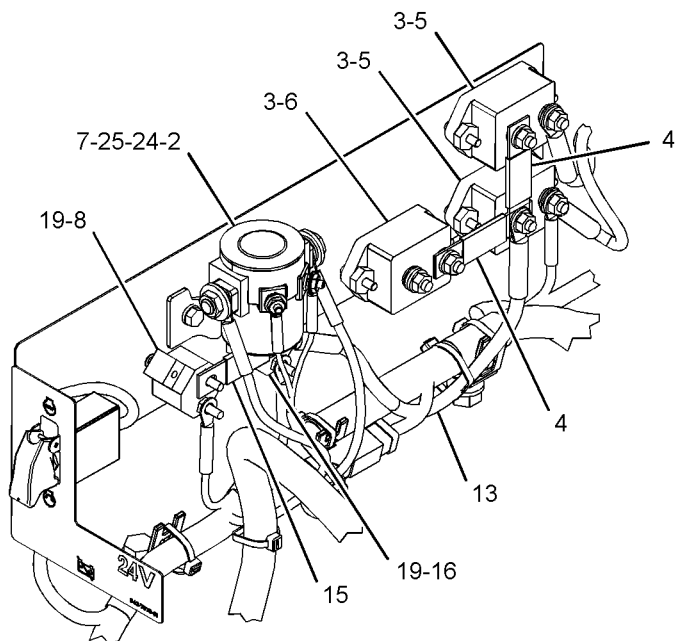
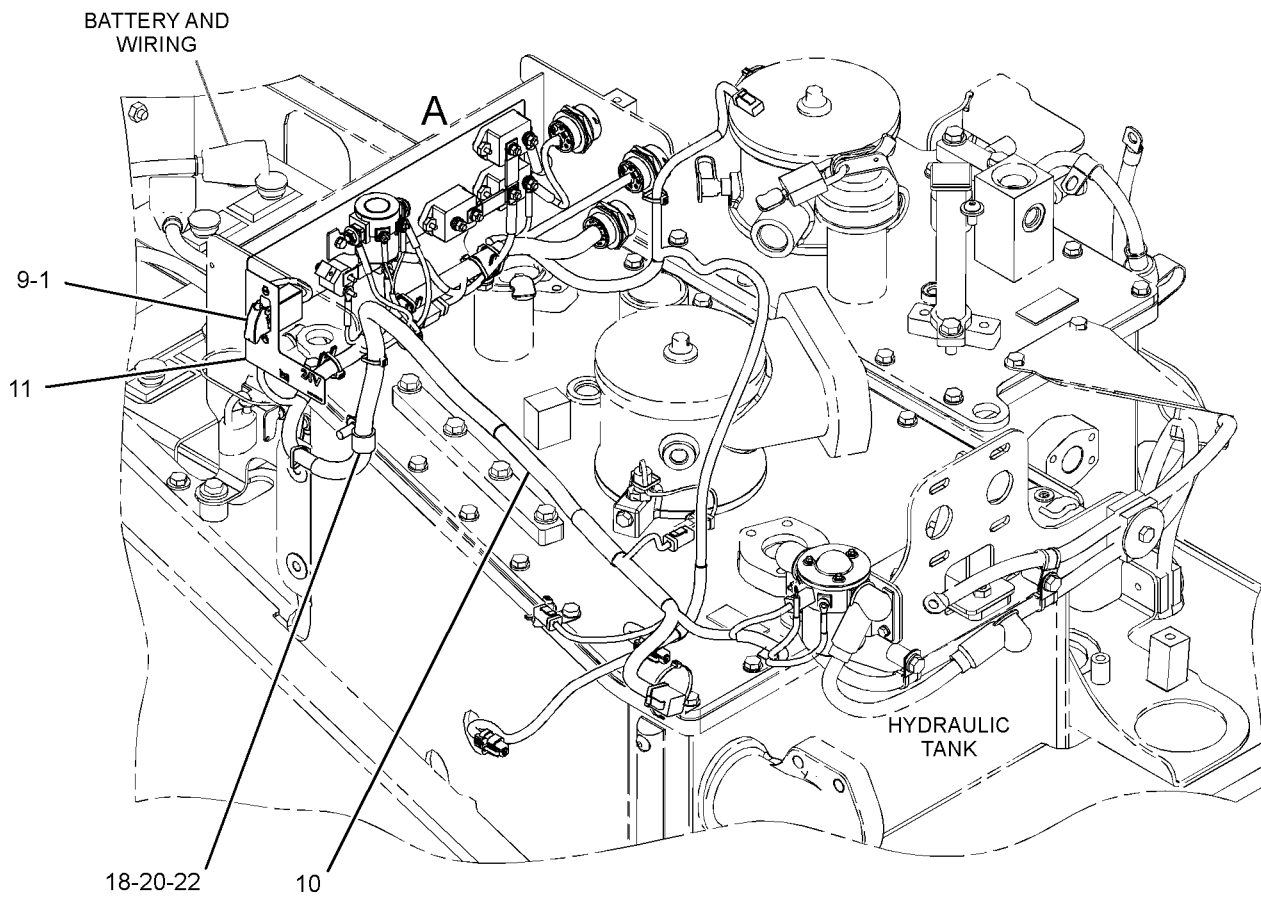
i04169635

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) (10-CM)						
E		1	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (5-CM)						
	11	1	343-7979	1	PLATE-IDENTIFICATION (DISCONNECT)						
	12	1	353-2234	1	WIRE AS						
	13	1	353-2235	1	WIRE AS						
	14	1	353-6864	1	PLATE-FILM						
	15	1	354-1236	1	CLIP						
	16	1	139-4724	1	CIRCUIT BREAKER AS (30-AMPERE) (ENGINE ECM)						
		1	6V-8378	2	NUT (10-32-THD)						
		1	8F-1434	2	LOCKWASHER						
		1	8T-0328	2	WASHER-HARD (5.5X10X1-MM THK)						
	17	1	4P-8134	3	CLIP						
	18	1	6D-4246	1	CLIP						
	19	1	7U-4892	4	SCREW (8-32X0.75-IN)						
	20	1	8T-4121	7	WASHER-HARD (11X21X2.5-MM THK)						
M	21	1	8T-4133	3	NUT (M10X1.5-THD)						
M	22	1	8T-4136	2	BOLT (M10X1.5X25-MM)						
M	23	1	8T-4137	2	BOLT (M10X1.5X20-MM)						
M	24	1	8T-4171	2	BOLT (M6X1X12-MM)						
	25	1	9X-8256	2	WASHER (6.6X12X2-MM THK)						
D-ORDER BY THE METER E-ORDER BY THE CENTIMETER M-METRIC PART Y-SEPARATE ILLUSTRATION											

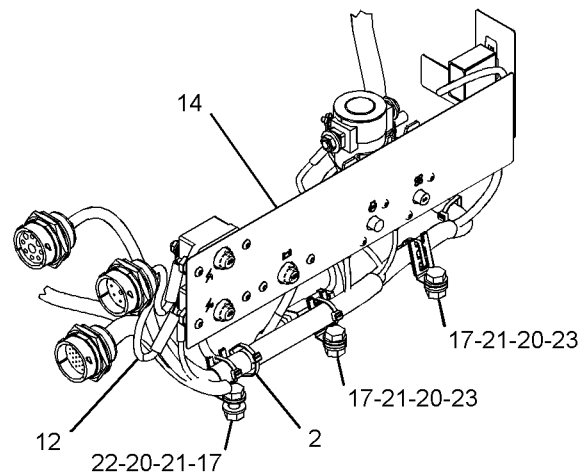
ELECTRICAL AND STARTING SYSTEM

337-6317 PANEL GP-CIRCUIT BREAKER (contd.)

i04169635



VIEW OF AREA A



VIEW OF AREA A



GRAPHIC #1

<END>

g02388857

ELECTRICAL AND STARTING SYSTEM

3T-9525 PLATE AS-BRUSH

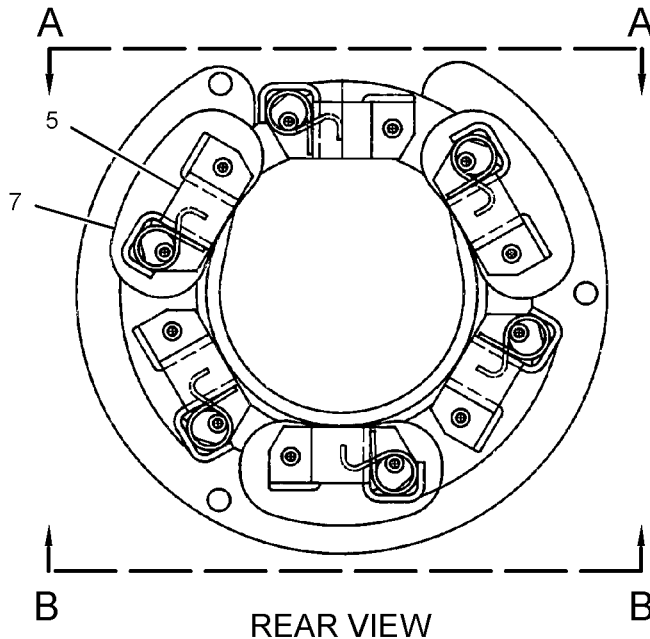
S/N: TXL1-UP

PART OF 338-3454 STARTING MOTOR GP-ELECTRIC

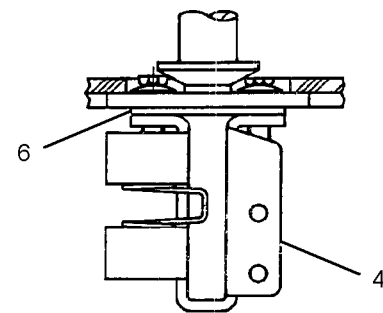
SMCS-4463

i04083269

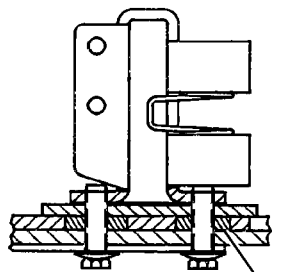
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6T-0372	1	PLATE						
	2	1	6T-0371	1	INSULATOR						
	3	1	9F-5599	12	LOCKWASHER						
	4	1	6T-0363	6	HOLDER AS-BRUSH						
					(EACH INCLUDES)						
		1	3T-9494	1	SPRING						
	5	1	3T-4709	3	PLATE						
	6	1	3T-4710	3	PLATE						
	7	1	2L-6679	3	PLATE-INSULATOR						
	8	1	7F-3525	6	WASHER-BUSHING (0.207X0.39X0.09-IN THK)						
	9	1	5P-6298	12	SCREW-MACHINE (10-32X0.5-IN)						



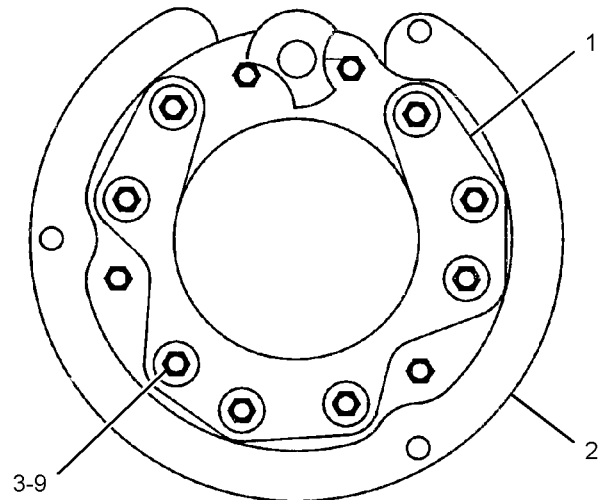
REAR VIEW



VIEW A-A



VIEW B-B



FRONT VIEW

GRAPHIC #1

<END>

g02294074

ELECTRICAL AND STARTING SYSTEM

343-3875 RELAY GP-ARD NOZZLE HEATER

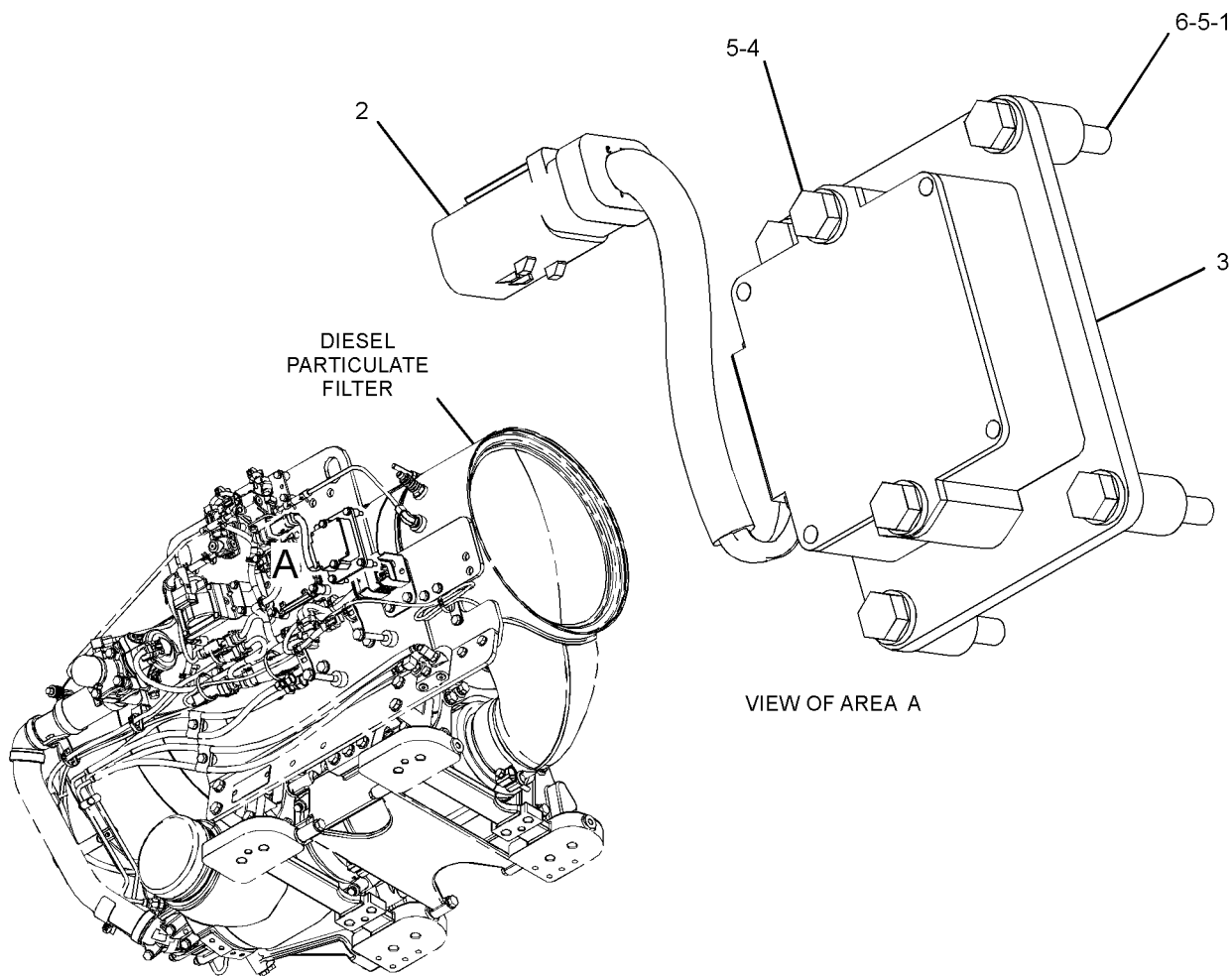
S/N: T4R1-UP

PART OF 362-8784 MODULE AR-CLEAN EMISSIONS

SMCS-1422, 4493

i04200302

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	127-1991	4	SPACER (8.2X13X15-MM THK)	
	2	1	350-0036	1	RELAY AS (24-VOLT) (ARD NOZZLE HEATER)	
		1	9X-3401	4	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	230-5009	1	RECEPTACLE AS-CONNECTOR (4-PIN)	
	3	1	343-3877	1	PLATE AS	
	4	1	344-1198	2	BOLT (M6X1X45-MM)	
	5	1	344-1200	6	WASHER-HARD (6.6X12X2-MM THK)	
	6	1	344-1208	4	BOLT (M6X1X35-MM)	



GRAPHIC #1

<END>

g02255853

ELECTRICAL AND STARTING SYSTEM

362-8932 SENSOR & MTG GP-PRESSURE-EXHAUST

S/N: T4R1-UP

PART OF 362-8784 MODULE AR-CLEAN EMISSIONS

SMCS-1408, 1923, 1924

i04217669

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	286-5030	1	ELBOW						
	2	1	308-1424	2	HOSE-AIR						
	3	1	315-9841	2	PLUG AS						
					(EACH INCLUDES)						
		1	9S-8007	1	PLUG						
		1	238-5079	1	SEAL-O-RING						
Y	4	1	362-8936	1	SENSOR GP-PRESSURE (NOX REDUCTION SYSTEM)						285
	5	1	362-8942	1	TUBE AS						
	6	1	364-9672	1	TUBE AS						
	7	1	364-9675	1	BRACKET						
M	8	1	186-0815	3	BOLT (M6X1X20-MM)						
	9	1	195-8372	4	CLIP						
	10	1	304-8042	1	CONNECTOR						
	11	1	337-8767	2	CONNECTOR AS						
					(EACH INCLUDES)						
		1	238-5079	1	SEAL-O-RING						
		1	337-8766	1	CONNECTOR						
	12	1	344-1200	5	WASHER-HARD (6.6X12X2-MM THK)						
M	13	1	344-1206	2	BOLT (M6X1X16-MM)						
	14	1	7W-3556	1	WASHER (14.27X20.57X1.5-MM THK)						

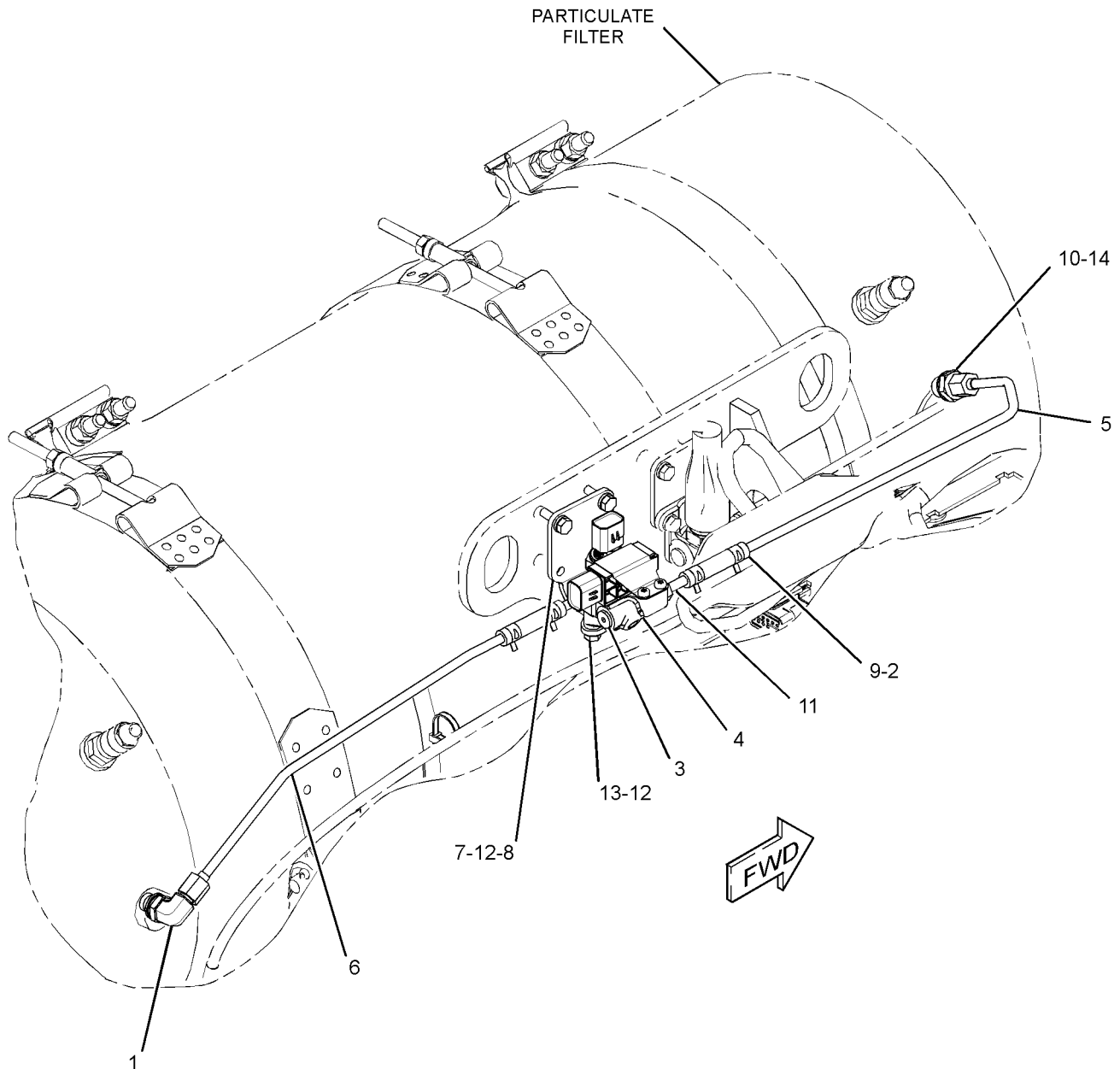
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

362-8932 SENSOR & MTG GP-PRESSURE (contd.)

i04217669



GRAPHIC #1

<END>

g02417760

ELECTRICAL AND STARTING SYSTEM

359-5159 SENSOR & MTG GP-SPEED-WHEEL SPEED

S/N: T4R1-UP

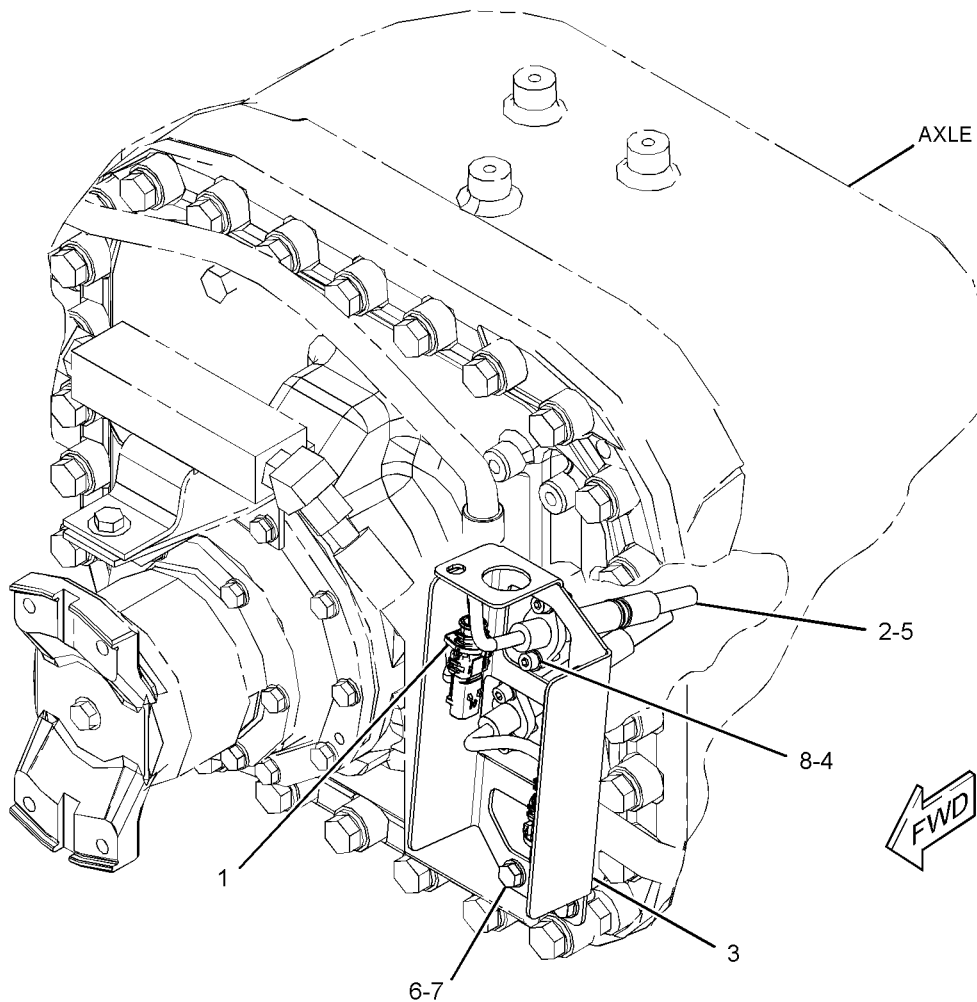
PART OF 356-4664 DIFFERENTIAL & BEVEL GEAR GP

SMCS-4803, 7493

i04171510

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	2	STRAP-CABLE						
	2	1	354-6758	2	SENSOR GP-SPEED (TRACTION CONTROL)						
					(EACH INCLUDES)						
		1	8T-9523	1	SEAL-O-RING						
		1	230-4014	1	RECEPTACLE AS-CONNECTOR (3-PIN)						
		1	283-0056	2	ADAPTER-CONNECTOR						
	3	1	358-9461	1	GUARD AS						
		1	7T-1099	3	LINK						
M	4	1	5A-3604	4	BOLT-SOCKET HEAD (M8X1.25X25-MM)						
	5	1	7X-4744	2	SEAL-O-RING						
	6	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	7	1	8T-4136	4	BOLT (M10X1.5X25-MM)						
	8	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g02394383

ELECTRICAL AND STARTING SYSTEM

359-6295 SENSOR & MTG GP-SPEED-TRACTION CONTROL

S/N: T4R1-UP

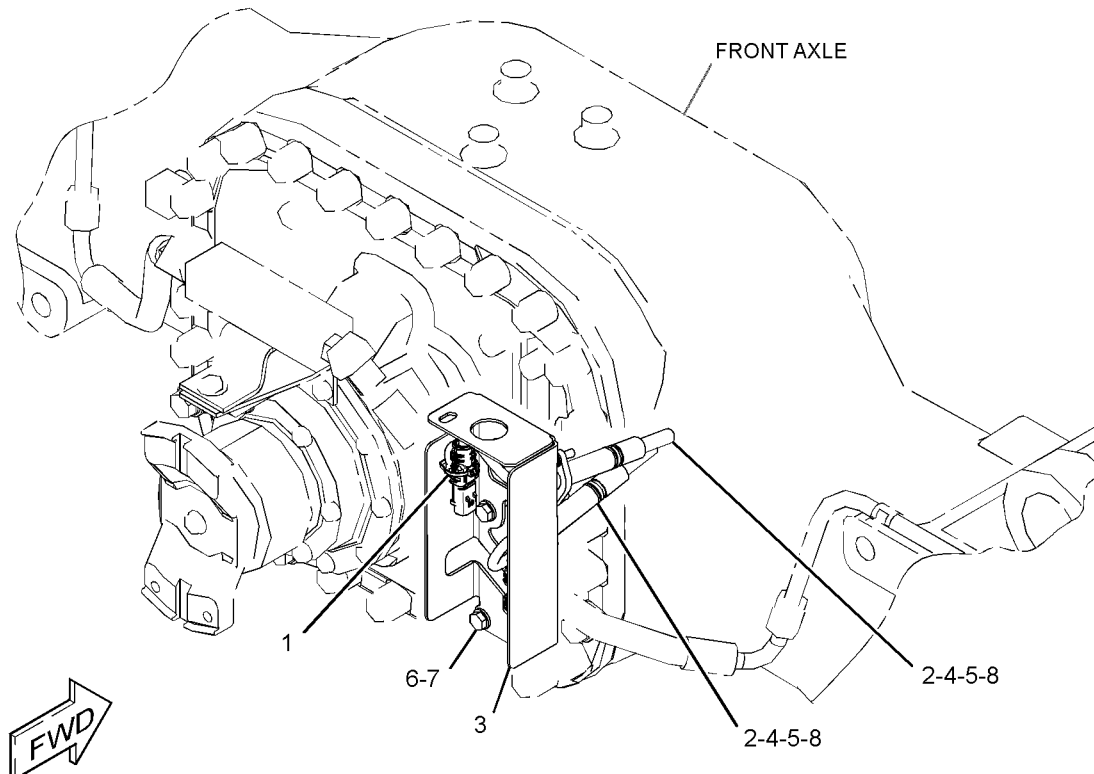
PART OF 356-4662 DIFFERENTIAL & BEVEL GEAR GP

SMCS-4803, 7493

i04171515

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	2	STRAP-CABLE						
	2	1	354-6758	2	SENSOR GP-SPEED (TRACTION CONTROL)						
					(EACH INCLUDES)						
		1	8T-9523	1	SEAL-O-RING						
		1	230-4014	1	RECEPTACLE AS-CONNECTOR (3-PIN)						
		1	283-0056	2	ADAPTER-CONNECTOR						
	3	1	358-9456	1	GUARD AS						
		1	7T-1099	3	LINK						
M	4	1	5A-3604	4	BOLT-SOCKET HEAD (M8X1.25X25-MM)						
	5	1	7X-4744	2	SEAL-O-RING						
	6	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	7	1	8T-4136	4	BOLT (M10X1.5X25-MM)						
	8	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g02395717

ELECTRICAL AND STARTING SYSTEM

359-6304 SENSOR & MTG GP-SPEED-TRACTION CONTROL

S/N: T4R1-UP

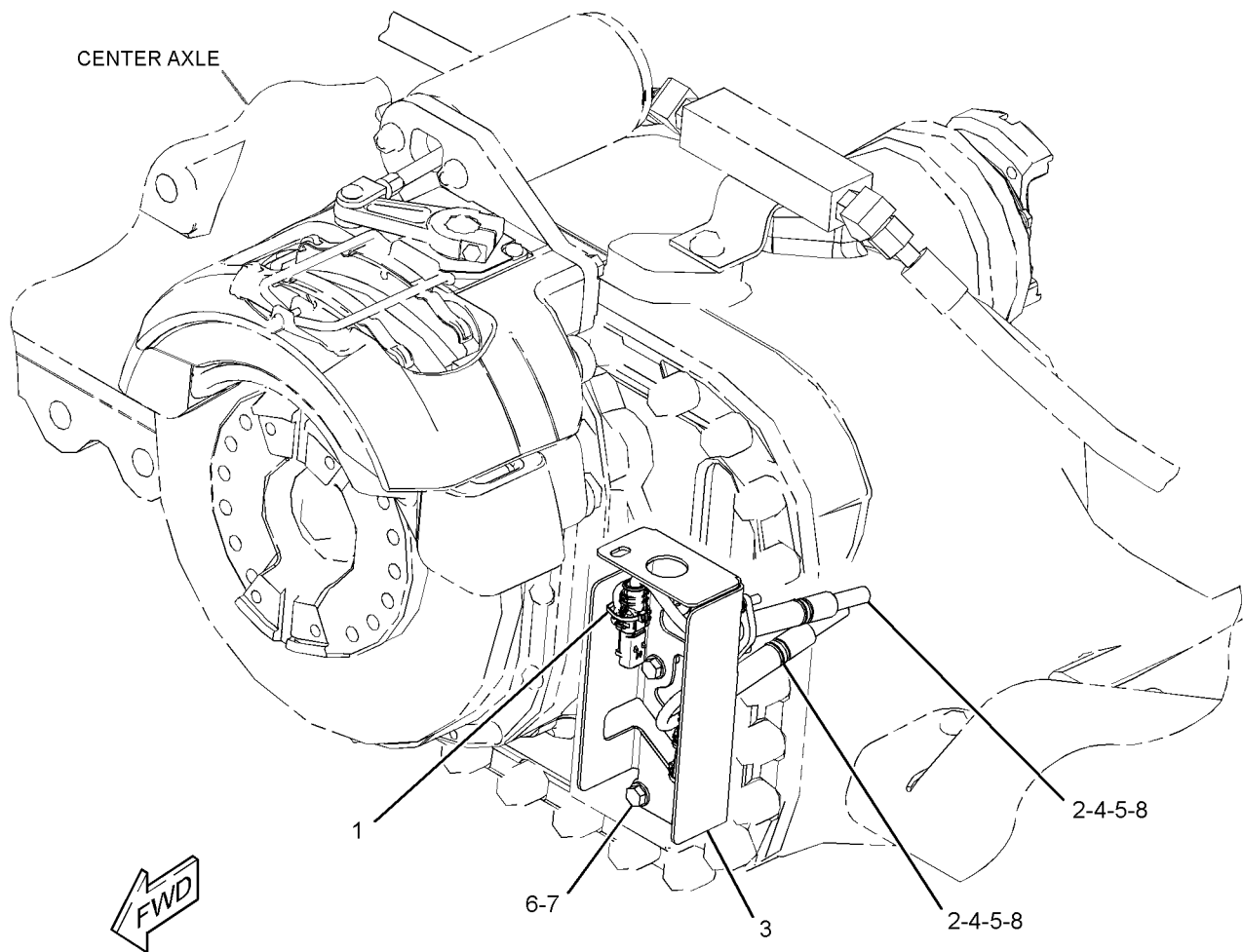
PART OF 356-4663 DIFFERENTIAL & BEVEL GEAR GP

SMCS-4803, 7493

i04171517

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	2	STRAP-CABLE						
	2	1	354-6758	2	SENSOR GP-SPEED (TRACTION CONTROL)						
					(EACH INCLUDES)						
		1	8T-9523	1	SEAL-O-RING						
		1	230-4014	1	RECEPTACLE AS-CONNECTOR (3-PIN)						
		1	283-0056	2	ADAPTER-CONNECTOR						
	3	1	358-9456	1	GUARD AS						
		1	7T-1099	3	LINK						
M	4	1	5A-3604	4	BOLT-SOCKET HEAD (M8X1.25X25-MM)						
	5	1	7X-4744	2	SEAL-O-RING						
	6	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	7	1	8T-4136	4	BOLT (M10X1.5X25-MM)						
	8	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g02391998

ELECTRICAL AND STARTING SYSTEM

343-8057 SENSOR GP-ENGINE

S/N: TXL1-UP; L4X1-UP

PART OF 345-4408 ENGINE AR-CORE

FOR USE WITH NRS MIXER ELBOW-AIR ORIENTED IN THE UPWARD POSITION. CANNOT BE USED WITH NRS MIXER ELBOW-AIR ORIENTED IN THE DOWNWARD POSITION

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

i03879345

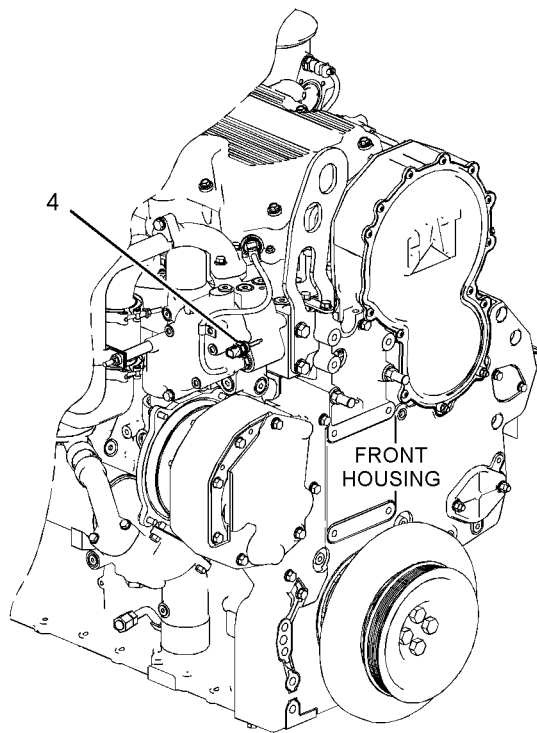
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	3S-2093	4	STRAP-CABLE	
	2	2	6J-4608	2	BOLT-SOCKET HEAD	
	3	2	7K-1181	1	STRAP-CABLE	
Y	4	1	234-5012	1	SENSOR GP-TEMPERATURE (COOLANT)	292
Y	5	2	234-5013	1	SENSOR GP-TEMPERATURE (AIR INLET)	293
	6	1	289-3891	1	CLIP	
	7	2	290-5562	1	MOUNT (DUAL SWIVEL)	
	8	1	294-6119	1	SENSOR GP-PRESSURE (CRANKCASE BREATHER)	
Y	9	1	299-3222	1	SENSOR GP-PRESSURE (ENGINE OIL)	275
Y	10	1	300-9805	1	SENSOR GP-SPEED (ENGINE SPEED)	289
Y	11	2	300-9806	1	SENSOR GP-SPEED (SECONDARY, TIMING)	290
	12	2	330-9742	1	ELBOW AS	
		2	214-7568	1	SEAL-O-RING	
Y	13	1	331-1134	1	SENSOR GP-PRESSURE (ATMOSPHERIC)	278
Y	14	2	331-1135	1	SENSOR GP-PRESSURE (INTAKE AIR MANIFOLD)	279
Y	15	2	332-0296	1	SENSOR GP-PRESSURE (INTAKE MANIFOLD)	280
	16	2	339-8822	1	SENSOR AS-TEMPERATURE (NOX REDUCTION SYSTEM)	
	17	2	344-5734	1	HARNESS AS-SENSOR	
		2	9X-3402	2	SOCKET-CONNECTOR (16-GA TO 18-GA)	
					-OR-	
		2	126-1768	2	SOCKET-CONNECTOR (14-GA TO 16-GA)	
		2	9X-3401	2	PIN-CONNECTOR (16-GA TO 18-GA)	
					-OR-	
		2	126-1767	2	PIN-CONNECTOR (14-GA TO 16-GA)	
		2	230-4011	1	PLUG AS-CONNECTOR (2-PIN)	
		2	264-7029	1	SEAL-CONNECTOR	
		2	230-4012	1	RECEPTACLE AS-CONNECTOR (2-PIN)	
E		2	289-5150		SLEEVE (24-CM)	
	18	2	347-7104	1	BRACKET AS	
Y	19	2	348-7516	1	SENSOR GP-PRESSURE (DIFFERENTIAL) (NOX REDUCTION SYSTEM)	284
	20	2	0S-1617	1	BOLT (5/16-18X0.75-IN)	
	21	1	137-8101	2	SEAL-O-RING	
	22	1	214-7566	1	SEAL-O-RING	
	23	2	2B-2695	1	BOLT (5/16-18X0.875-IN)	
	24	1, 2	2H-3755	2	BOLT (5/16-18X0.43-IN)	
	25	2	3B-1915	2	BOLT (3/8-16X1.375-IN)	
	26	2	4P-7581	1	CLIP	
	27	2	4P-8134	1	CLIP	
	28	2	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)	
M	29	1	8T-0267	2	BOLT-SOCKET HEAD (M6X1X12-MM)	
	30	1, 2	9M-1974	6	WASHER-HARD (8.8X16X2-MM THK)	
	31	1	9X-0262	1	ADAPTER	
	32	1	9X-8267	2	WASHER (6.6X12X2-MM THK)	

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

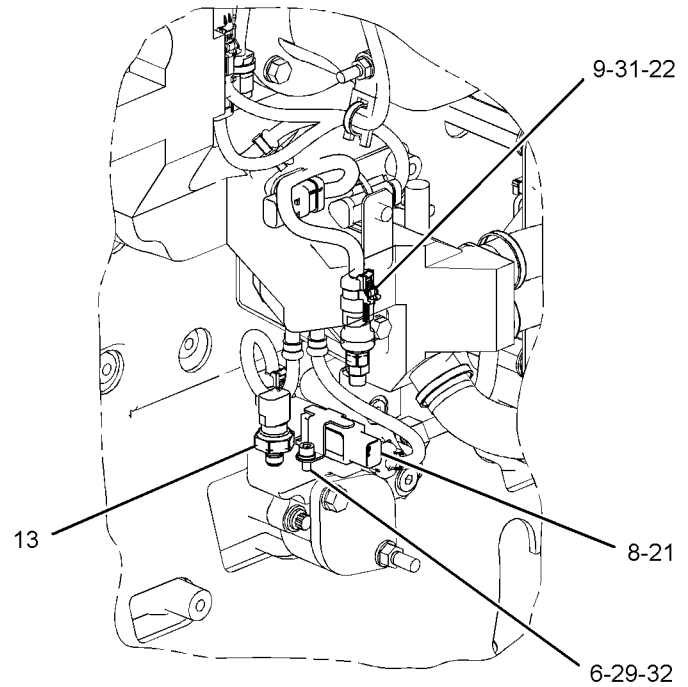
ELECTRICAL AND STARTING SYSTEM

343-8057 SENSOR GP-ENGINE (contd.)

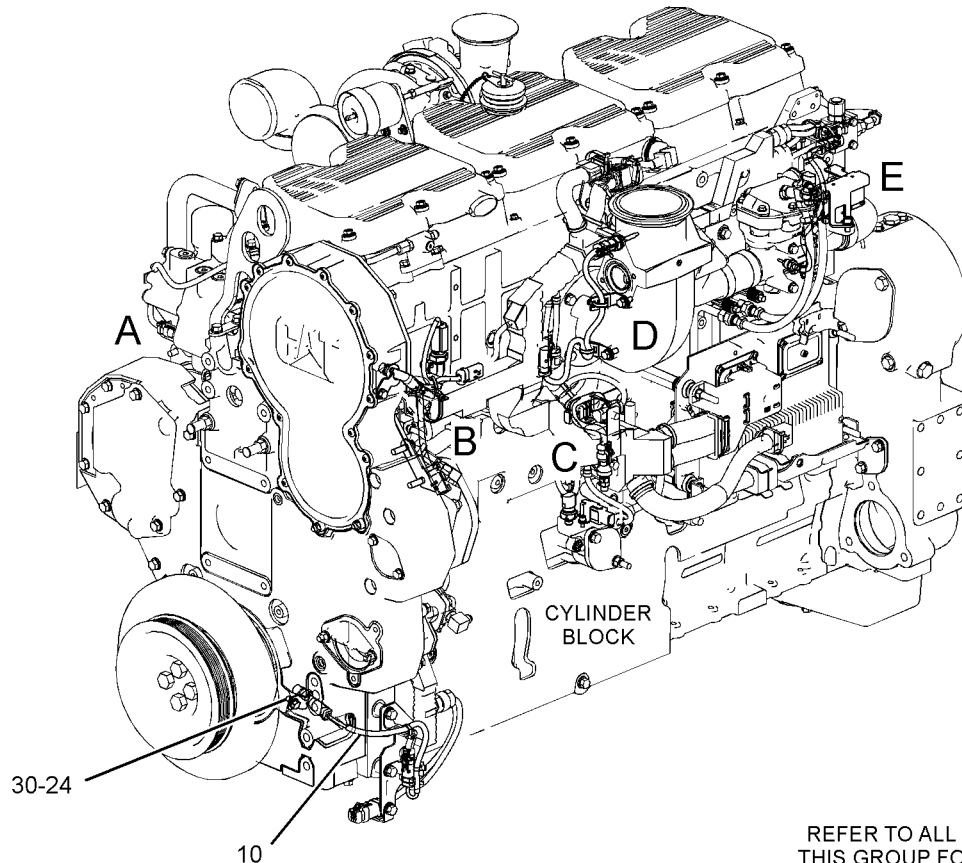
i03879345



VIEW OF AREA A 90°



VIEW OF AREA C



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

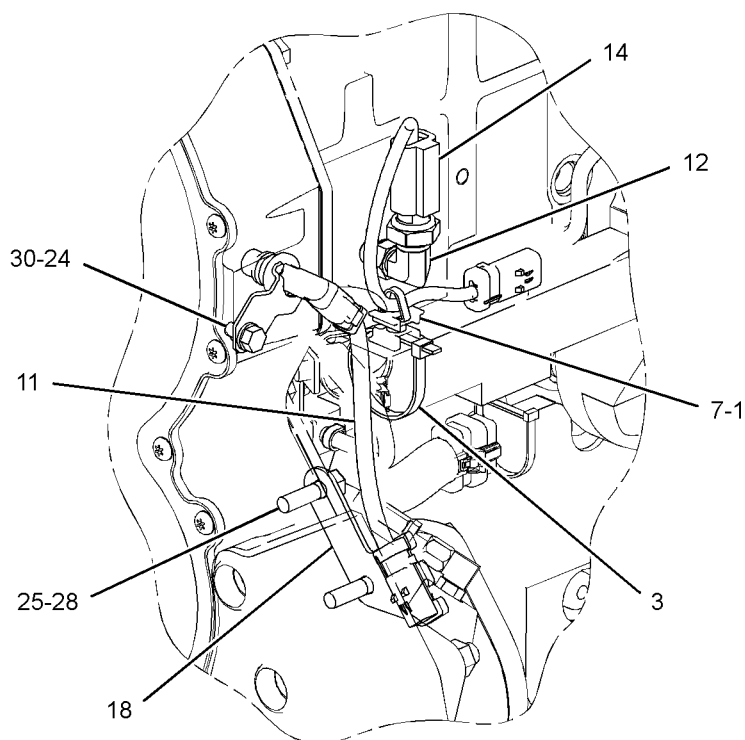
g02206356

GRAPHIC #1

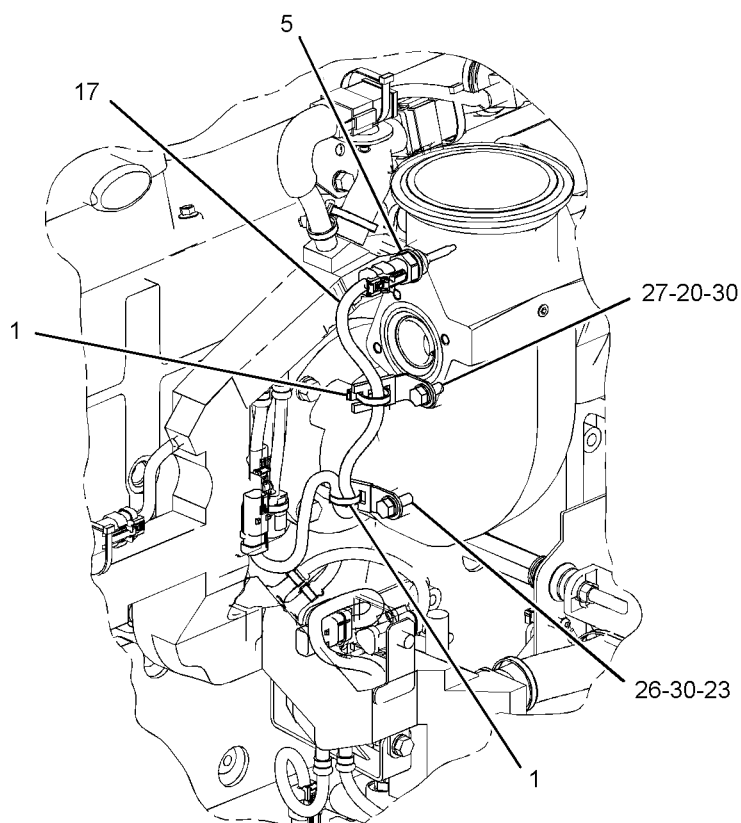
ELECTRICAL AND STARTING SYSTEM

343-8057 SENSOR GP-ENGINE (contd.)

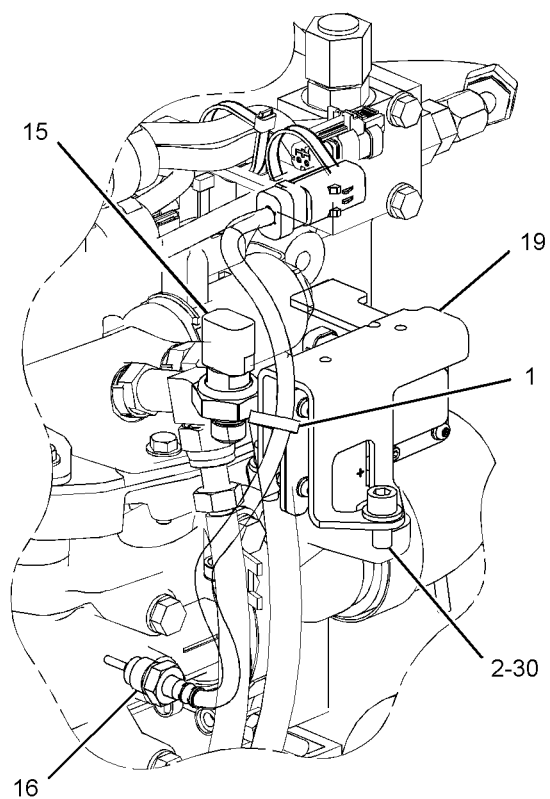
i03879345



VIEW OF AREA B



VIEW OF AREA D



VIEW OF AREA E

GRAPHIC #2

<END>

g02206358

ELECTRICAL AND STARTING SYSTEM

299-3222 SENSOR GP-PRESSURE

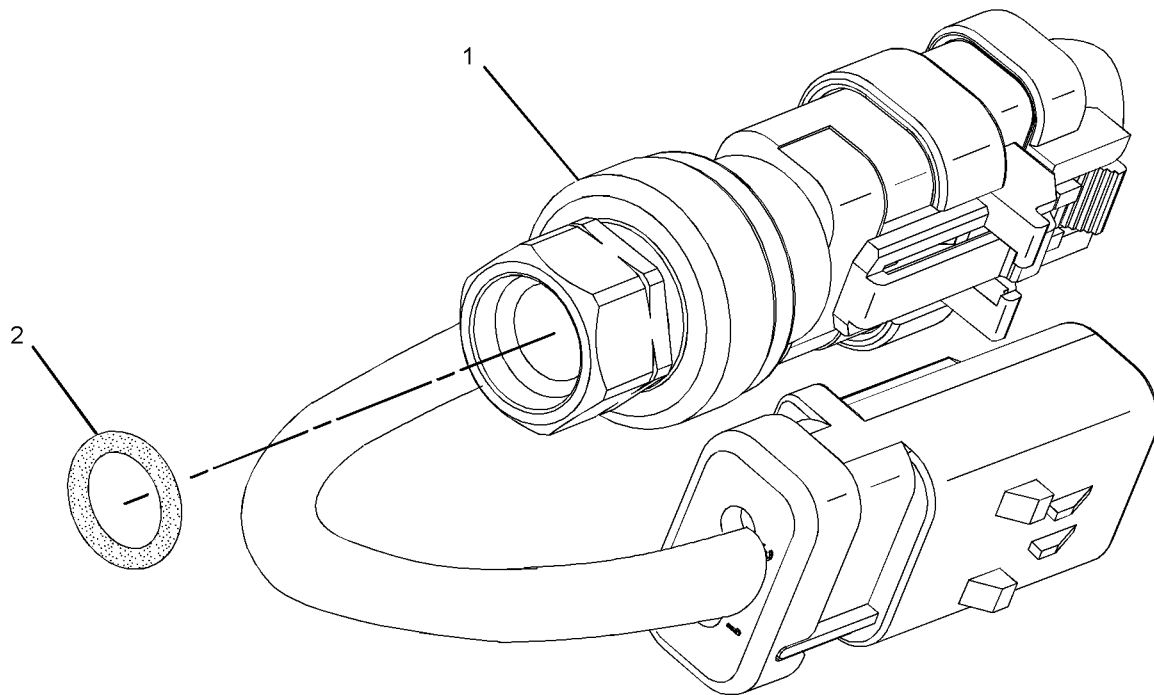
S/N: TXL1-UP; L4X1-UP

PART OF 343-8057 SENSOR GP-ENGINE

SMCS-1408, 1917, 1924

i03756069

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	293-5535	1	SENSOR GP-PRESSURE						
		1	274-6719	1	SENSOR GP-PRESSURE						
		1	298-7202	1	HARNESS AS-SENSOR						
	2	1	214-7566	1	SEAL-O-RING						



GRAPHIC #1

<END>

g01321125

ELECTRICAL AND STARTING SYSTEM

325-7472 SENSOR GP-PRESSURE

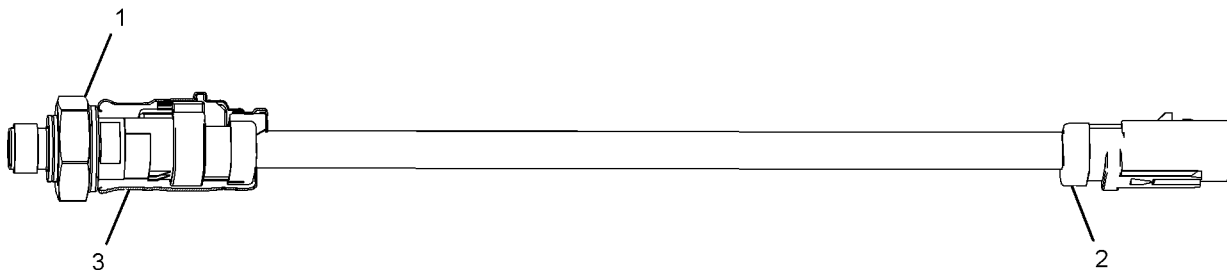
S/N: TXL1-UP; L4X1-UP

PART OF 331-1135 SENSOR GP-PRESSURE

SMCS-1408, 1917, 1924

i03867629

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	320-3061	1	SENSOR-PRESSURE						
	2	1	327-5221	1	HARNESS AS-SENSOR						
E		1	9X-1813		SLEEVE (23-CM)						
		1	180-9339	3	PIN-CONNECTOR (14-GA TO 18-GA)						
		1	180-9340	3	SOCKET-CONNECTOR (14-GA TO 18-GA)						
		1	281-8804	1	PLUG AS-CONNECTOR (3-PIN)						
		1	264-7030	1	SEAL-CONNECTOR						
E	3	1	108-1304		TUBE-HEAT SHRINK (33-MM DIA) (4-CM)						
E-ORDER BY THE CENTIMETER											



GRAPHIC #1

<END>

g02112853

ELECTRICAL AND STARTING SYSTEM

325-8634 SENSOR GP-PRESSURE

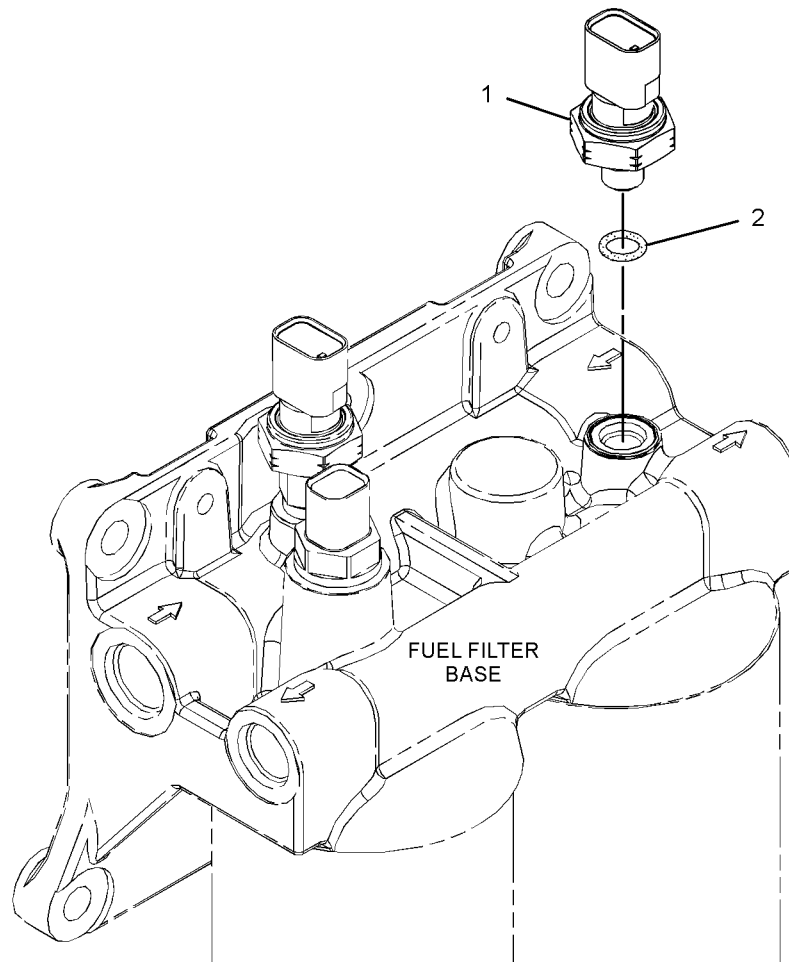
S/N: TXL1-UP; L4X1-UP

PART OF 343-8126 BASE GP-FUEL FILTER

SMCS-1408, 1917, 1924

i03828675

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	320-3060	1	SENSOR - PRESSURE						
	2	1	228-7100	1	SEAL - O-RING						



GRAPHIC #1

<END>

g02080674

ELECTRICAL AND STARTING SYSTEM

331-1134 SENSOR GP-PRESSURE

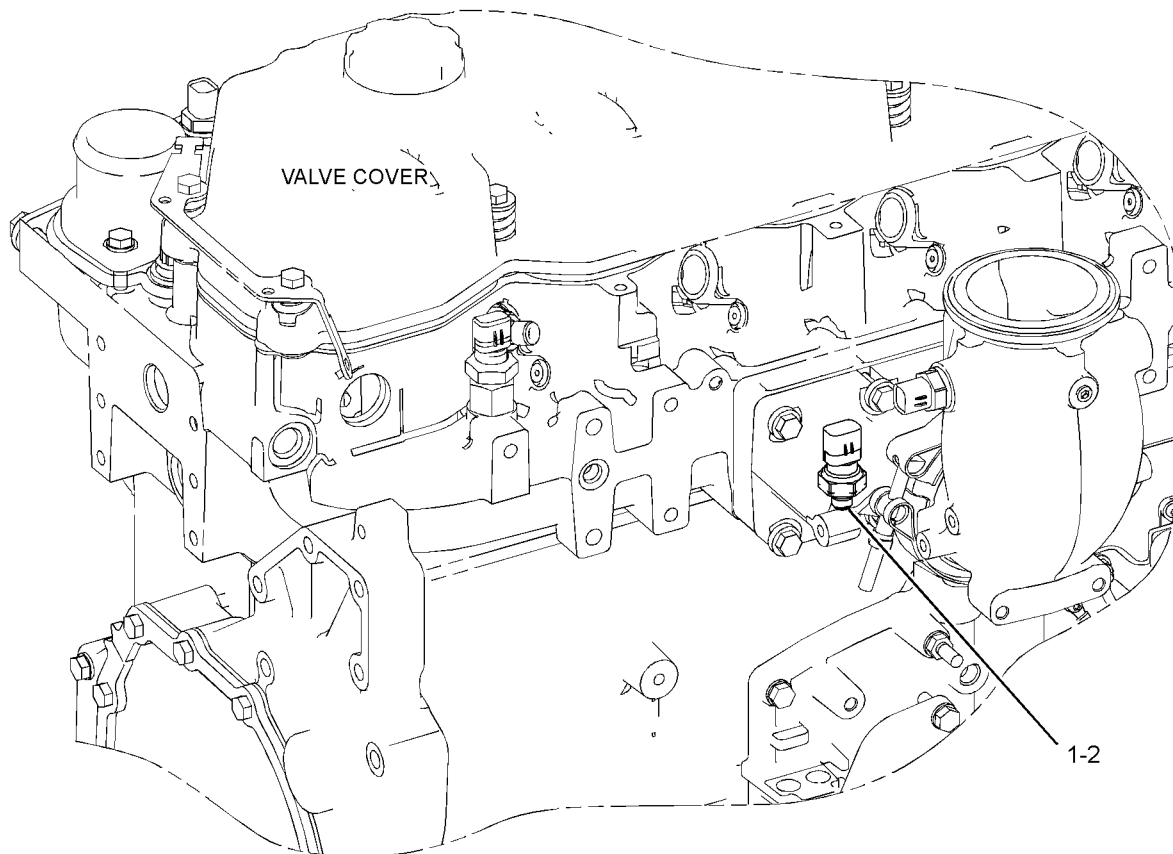
S/N: TXL1-UP; L4X1-UP

PART OF 343-8057 SENSOR GP-ENGINE

SMCS-1408, 1917, 1924

i03867935

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	320-3063	1	SENSOR GP-PRESSURE						
	2	1	228-7100	1	SEAL-O-RING						



GRAPHIC #1

<END>

g02111483

ELECTRICAL AND STARTING SYSTEM

331-1135 SENSOR GP-PRESSURE

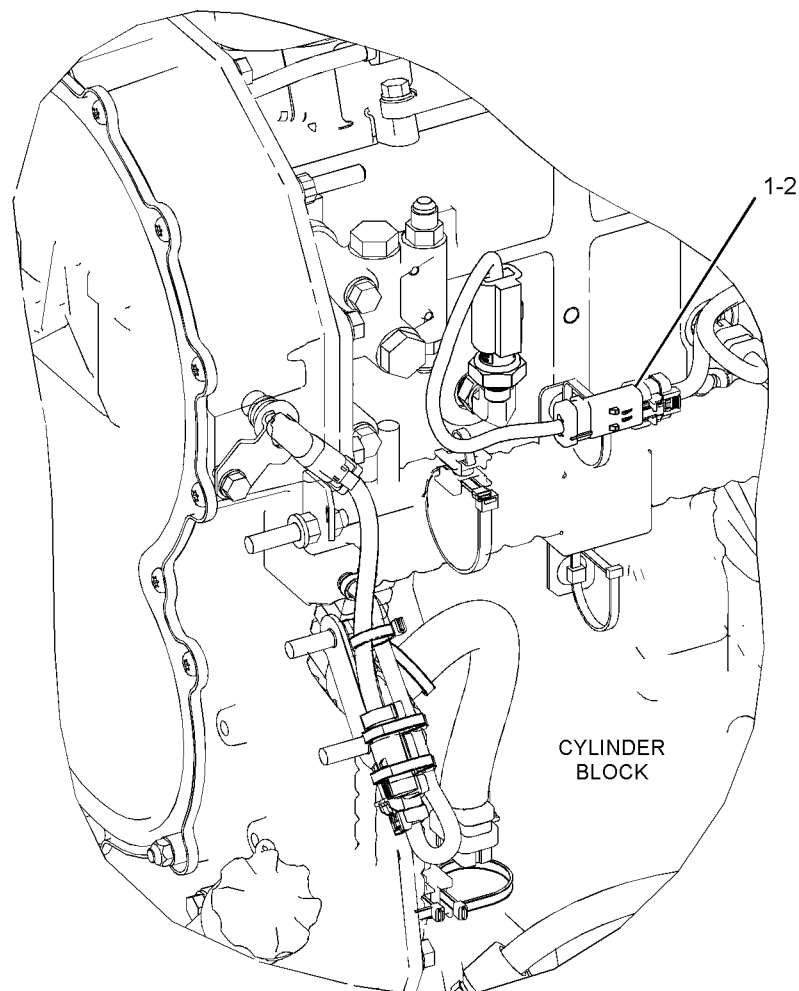
S/N: TXL1-UP; L4X1-UP

PART OF 343-8057 SENSOR GP-ENGINE

SMCS-1408, 1917, 1924

i03867934

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	325-7472	1	SENSOR GP-PRESSURE	276
	2	1	228-7101	1	SEAL-O-RING	
Y-SEPARATE ILLUSTRATION						



GRAPHIC #1

<END>

g02111525

ELECTRICAL AND STARTING SYSTEM

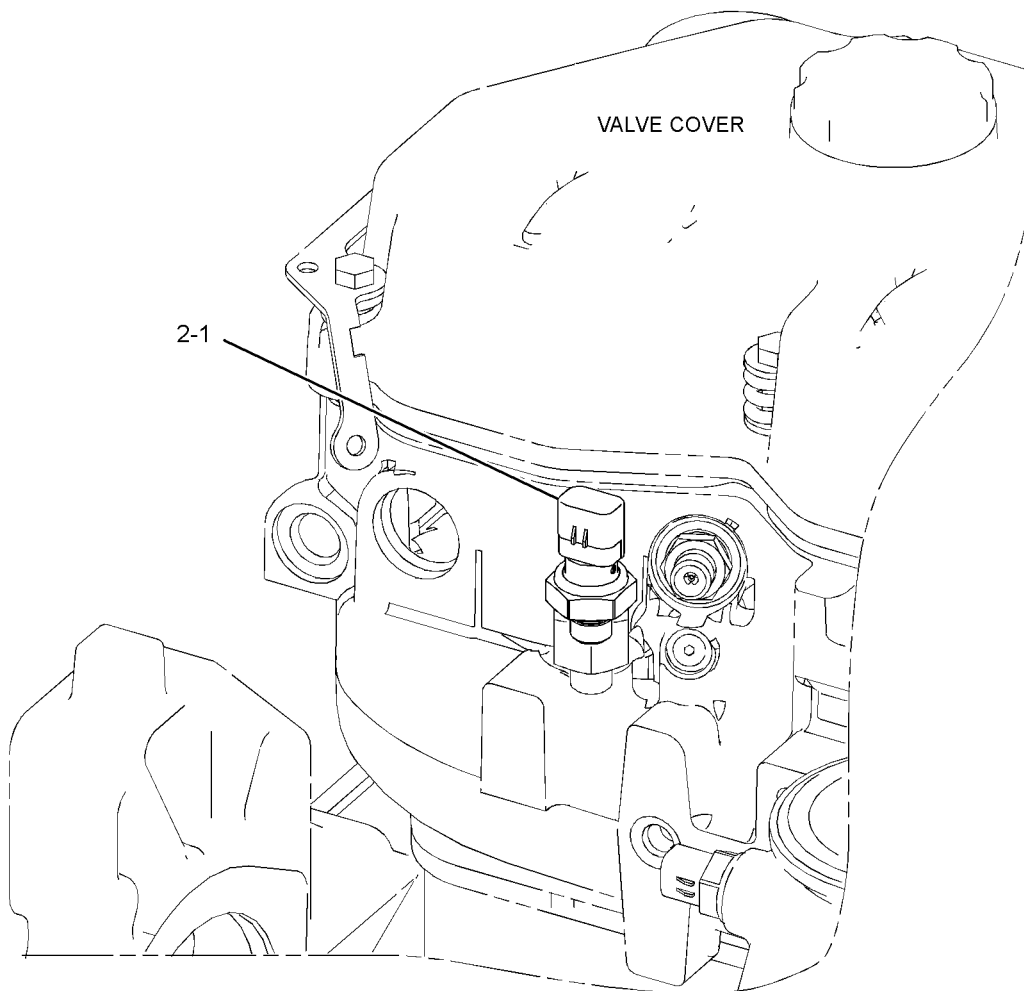
332-0296 SENSOR GP-PRESSURE

S/N: TXL1-UP; L4X1-UP
PART OF 343-8057 SENSOR GP-ENGINE

SMCS-1408, 1917, 1924

i03853410

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	320-3061	1	SENSOR - PRESSURE	
	2	1	228-7101	1	SEAL - O-RING	



GRAPHIC #1

<END>

g02100202

ELECTRICAL AND STARTING SYSTEM

343-1771 SENSOR GP-PRESSURE

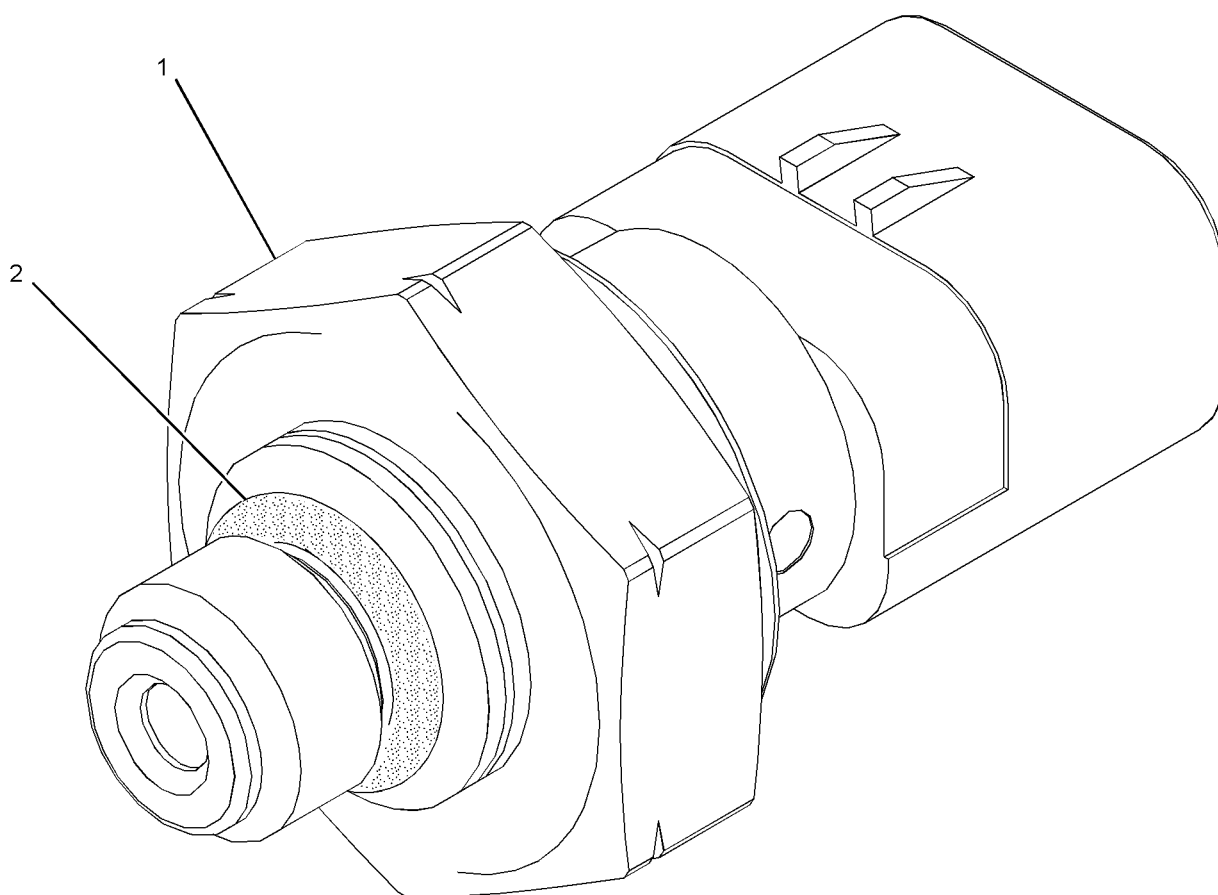
S/N: T4R1-UP

PART OF 362-8936 SENSOR GP-PRESSURE

SMCS-1408, 1917, 1924

i04154790

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	330-6719	1	SENSOR GP-PRESSURE (DPF INLET)	
	2	1	228-7100	1	SEAL-O-RING	



GRAPHIC #1

<END>

g02149495

ELECTRICAL AND STARTING SYSTEM

343-8110 SENSOR GP-PRESSURE

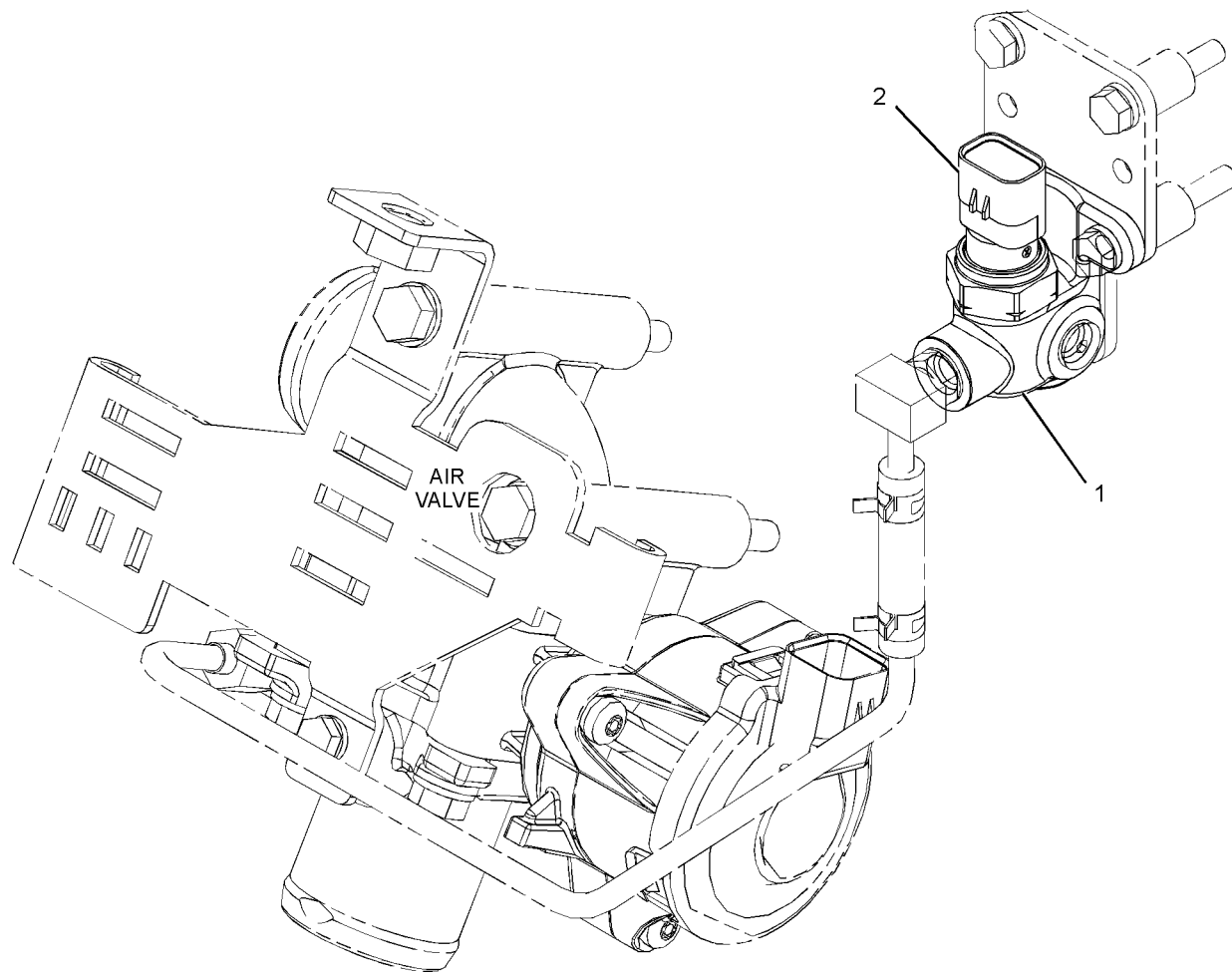
S/N: T4R1-UP

PART OF 343-5325 VALVE & MTG GP-AIR CONTROL

SMCS-1408, 1917, 1924

i03855912

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	336-5035	1	MANIFOLD	
Y	2	1	344-1211	1	SENSOR GP-PRESSURE (ARD COMBUSTION AIR)	283
Y-SEPARATE ILLUSTRATION						



GRAPHIC #1

<END>

g02150625

ELECTRICAL AND STARTING SYSTEM

344-1211 SENSOR GP-PRESSURE

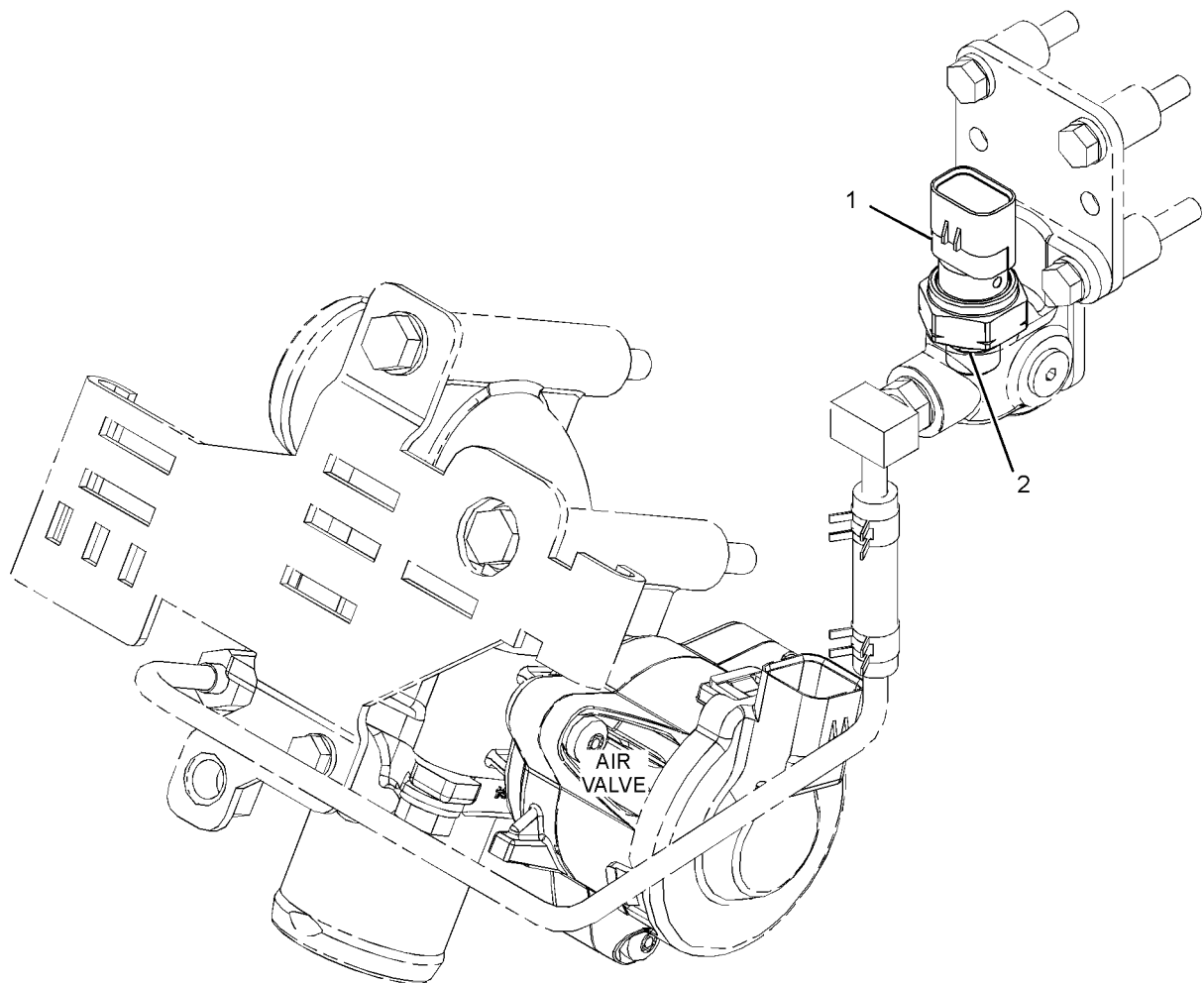
S/N: T4R1-UP

PART OF 343-8110 SENSOR GP-PRESSURE

SMCS-1408, 1917, 1924

i03865446

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	320-3062	1	SENSOR GP-PRESSURE (ARD COMBUSTION AIR)						
	2	1	228-7101	1	SEAL-O-RING						



GRAPHIC #1

<END>

g02151409

ELECTRICAL AND STARTING SYSTEM

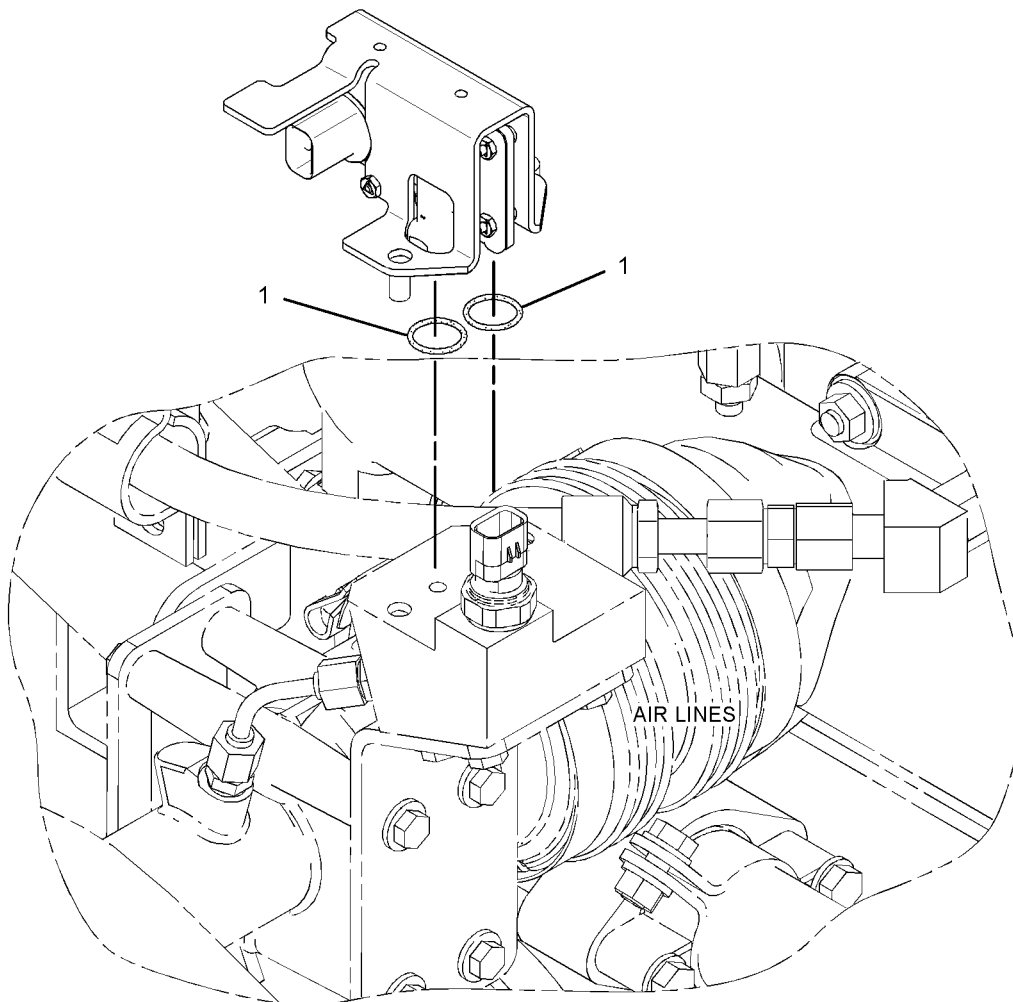
348-7516 SENSOR GP-PRESSURE

S/N: TXL1-UP; L4X1-UP
PART OF 343-8057 SENSOR GP-ENGINE

SMCS-1408, 1917, 1924

i03853413

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	341-0643	2	SEAL-RECTANGULAR						



GRAPHIC #1

<END>

g02100283

ELECTRICAL AND STARTING SYSTEM

362-8936 SENSOR GP-PRESSURE

S/N: T4R1-UP

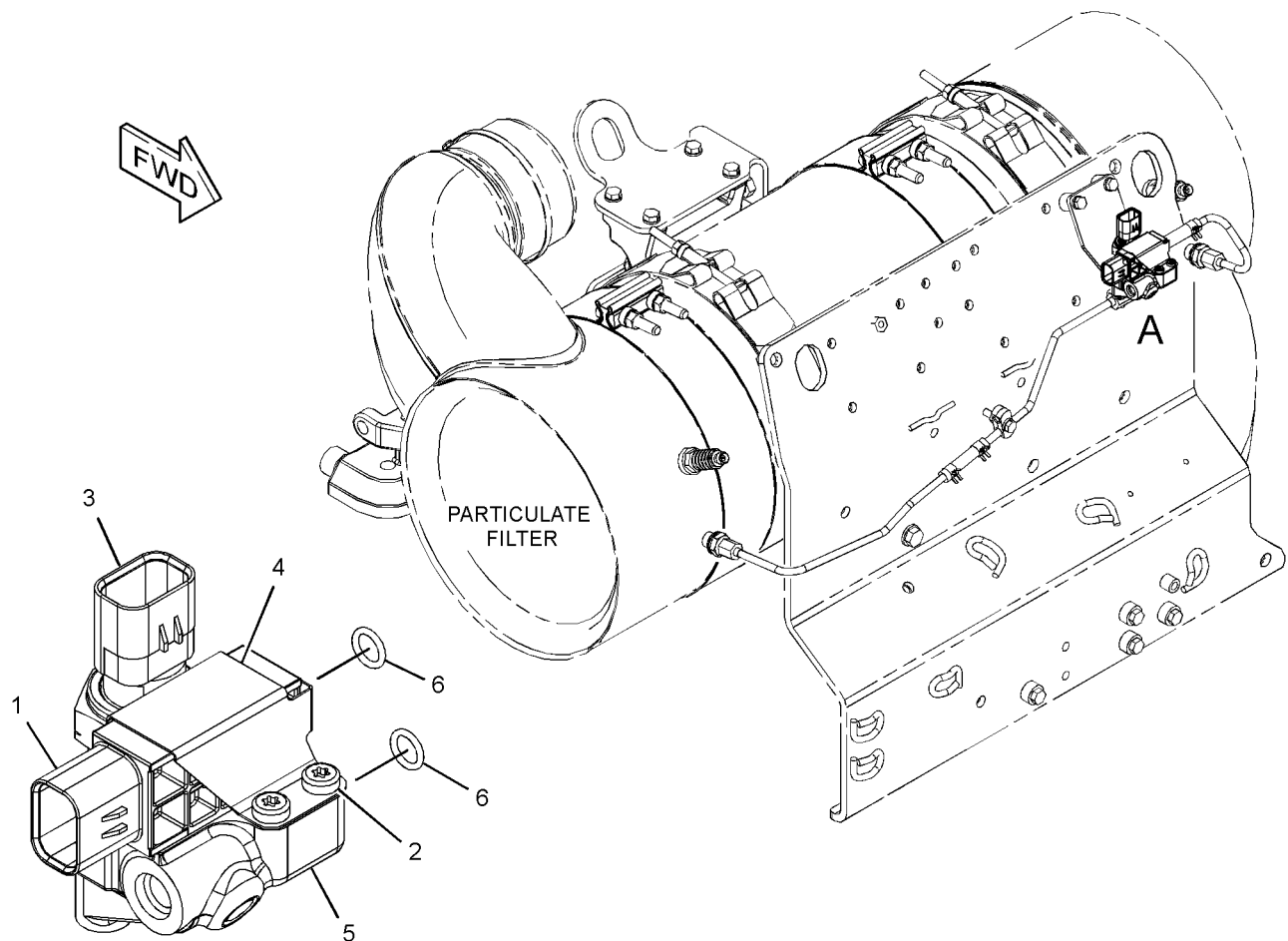
PART OF 362-8932 SENSOR & MTG GP-PRESSURE

SMCS-1408, 1917, 1924

i04033458

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	294-6118	1	SENSOR AS-PRESSURE (DIFFERENTIAL)						
	2	1	296-4285	4	SCREW-PAN HEAD						
Y	3	1	343-1771	1	SENSOR GP-PRESSURE (DPF INLET)						281
	4	1	362-8935	1	BRACKET						
	5	1	362-8938	1	MANIFOLD						
	6	1	137-8101	2	SEAL-O-RING						

Y-SEPARATE ILLUSTRATION



VIEW OF AREA A

GRAPHIC #1

<END>

g02285393

ELECTRICAL AND STARTING SYSTEM

357-5354 SENSOR GP-S00T

S/N: T4R1-UP

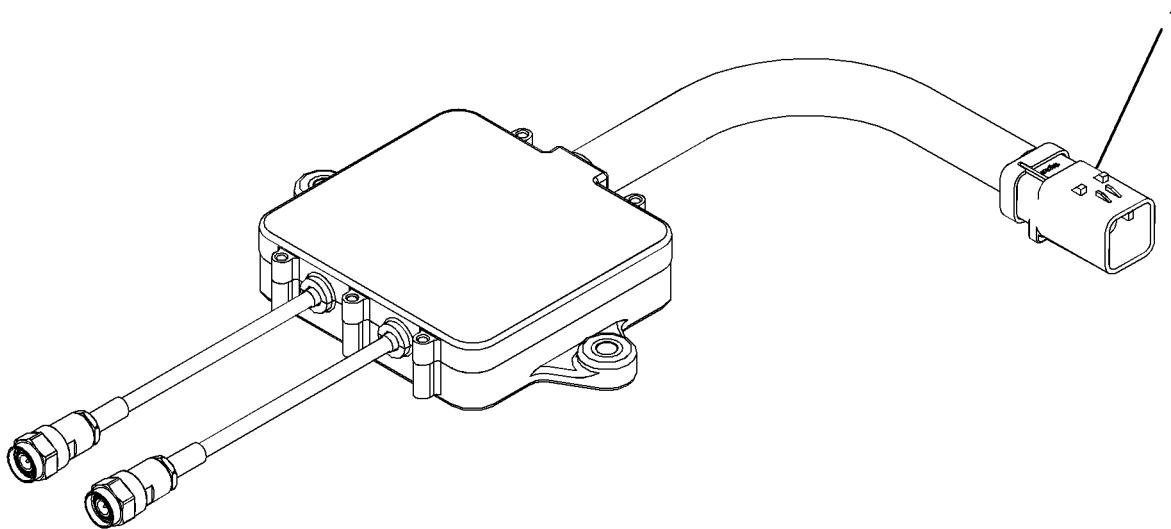
2.5-M CABLE LENGTH

PART OF 291-8783 WIRING GP-FRONT

SMCS-108F, 1335

i04038703

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	281-8812	1	RECEPTACLE AS-CONNECTOR						



GRAPHIC #1

<END>

g02255193

ELECTRICAL AND STARTING SYSTEM

201-6615 SENSOR GP-SPEED

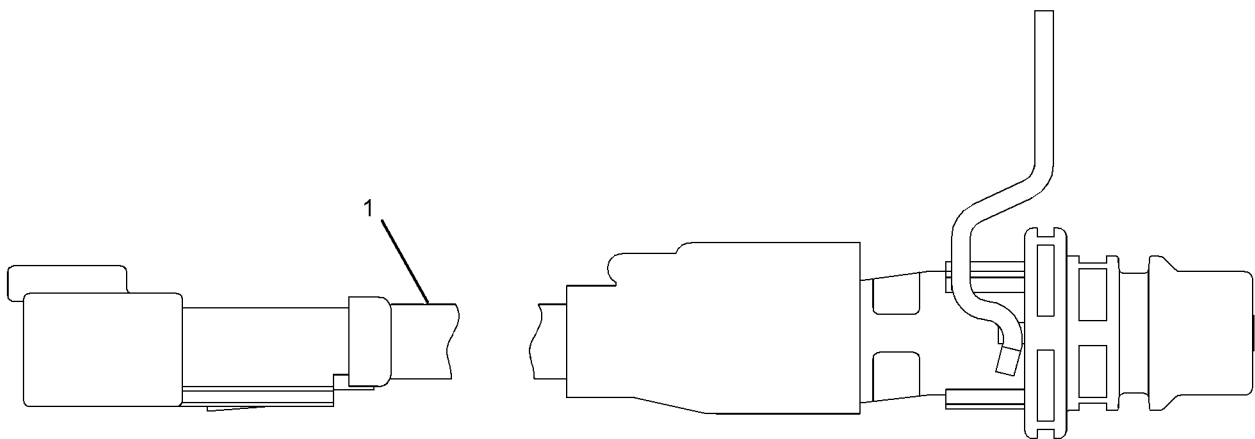
S/N: K2S1-UP

PART OF 303-9467 PLANETARY GP-TRANSMISSION, 308-8122 WIRING GP-TRANSMISSION

SMCS-7493

i04282351

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	188-9429	1	HARNESS AS-SENSOR (SPEED)						
		1	180-9339	2	PIN-CONNECTOR (14-GA TO 18-GA)						
		1	180-9340	2	SOCKET-CONNECTOR (14-GA TO 18-GA)						
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
					(INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						



GRAPHIC #1

<END>

g01941784

ELECTRICAL AND STARTING SYSTEM

264-0148 SENSOR GP-SPEED

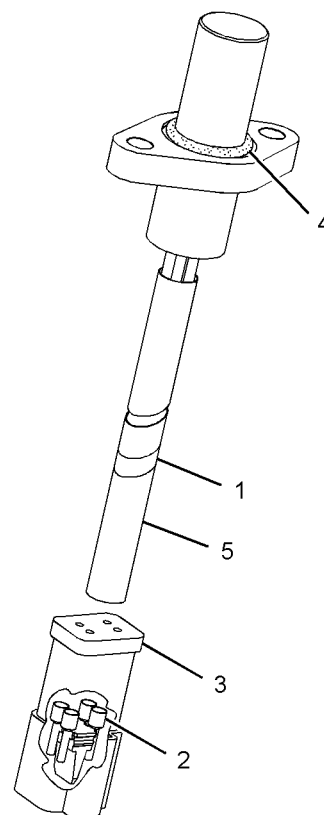
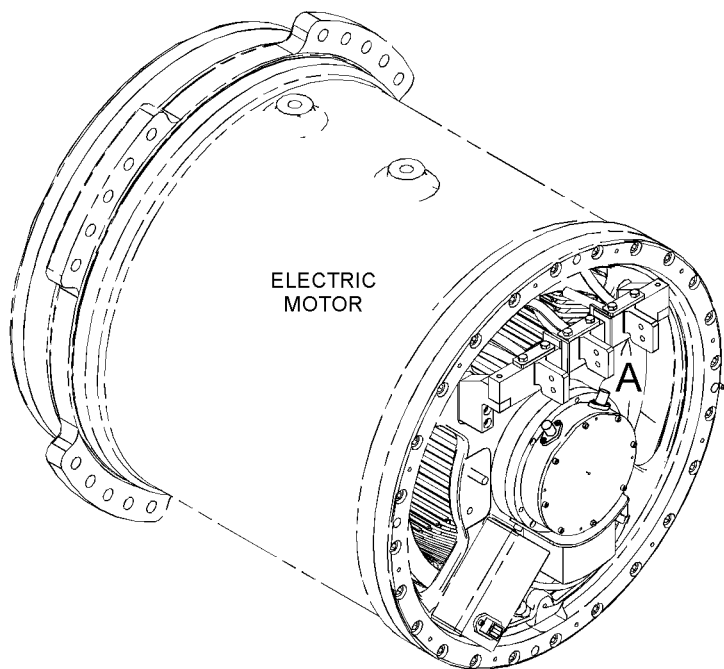
S/N: T4R1-UP

PART OF 341-3683 WIRING GP-FRONT

SMCS-7493

i04278971

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	9X-3401	4	PIN-CONNECTOR (16-GA TO 18-GA)						
	3	1	102-8804	1	KIT-RECEPTACLE (4-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	4	1	6J-2245	1	SEAL-O-RING						
E	5	1	9X-1813		SLEEVE (8-CM)						
E-ORDER BY THE CENTIMETER											



GRAPHIC #1

<END>

VIEW OF AREA A

g02447379

ELECTRICAL AND STARTING SYSTEM

300-9805 SENSOR GP-SPEED

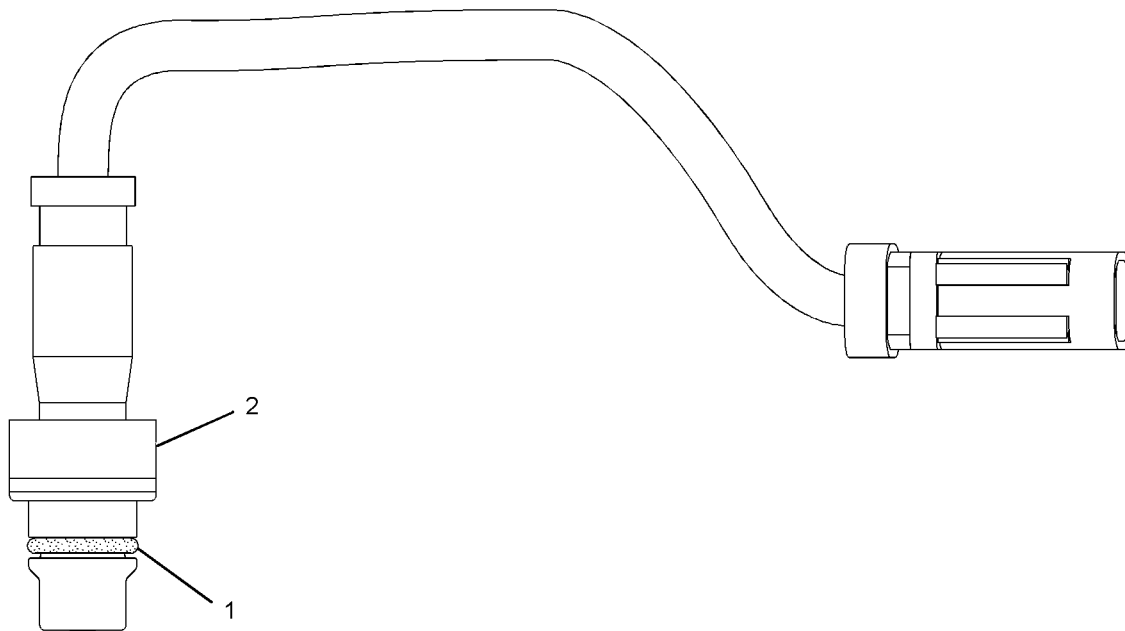
S/N: TXL1-UP; L4X1-UP

PART OF 343-8057 SENSOR GP-ENGINE

SMCS-7493

i03953716

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	279-9828	1	SENSOR GP-SPEED (CRANKSHAFT)						



GRAPHIC #1

<END>

g02168513

ELECTRICAL AND STARTING SYSTEM

300-9806 SENSOR GP-SPEED

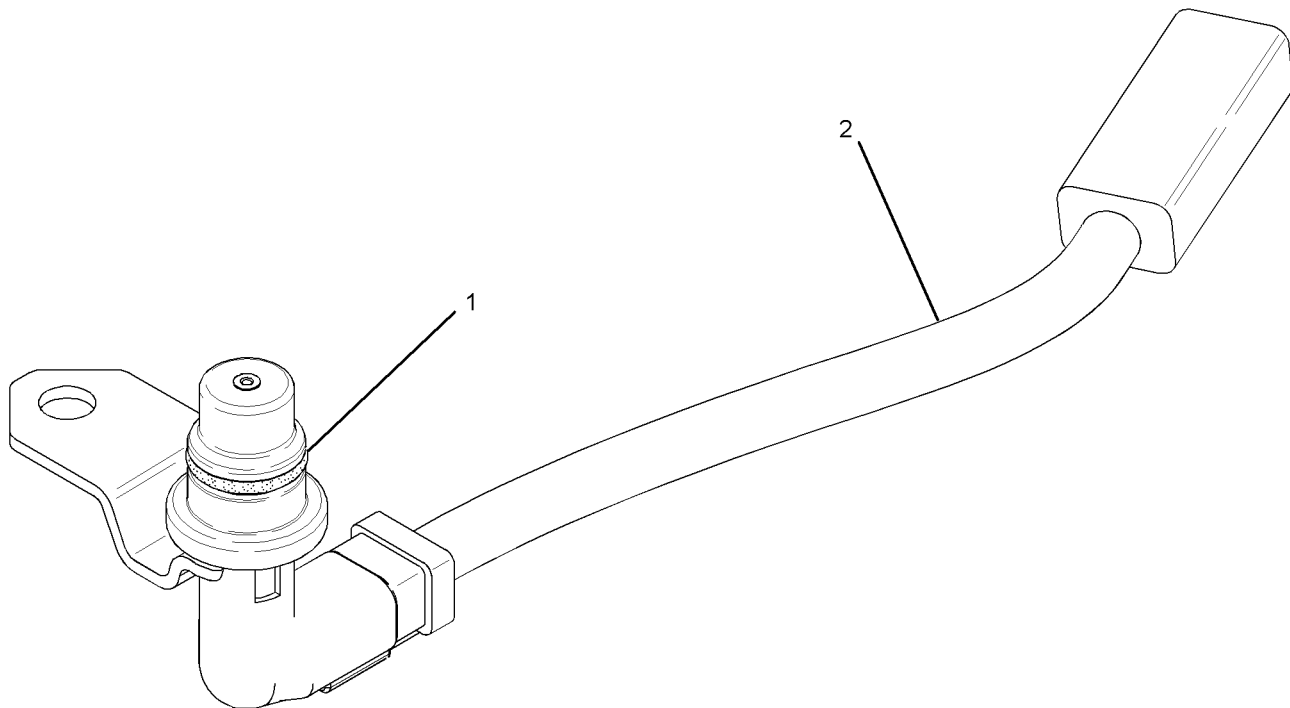
S/N: TXL1-UP; L4X1-UP

PART OF 343-8057 SENSOR GP-ENGINE

SMCS-7493

i03354549

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	279-9829	1	SENSOR GP-SPEED (CAM GEAR)						



GRAPHIC #1

<END>

g01333640

ELECTRICAL AND STARTING SYSTEM

102-2240 SENSOR GP-TEMPERATURE

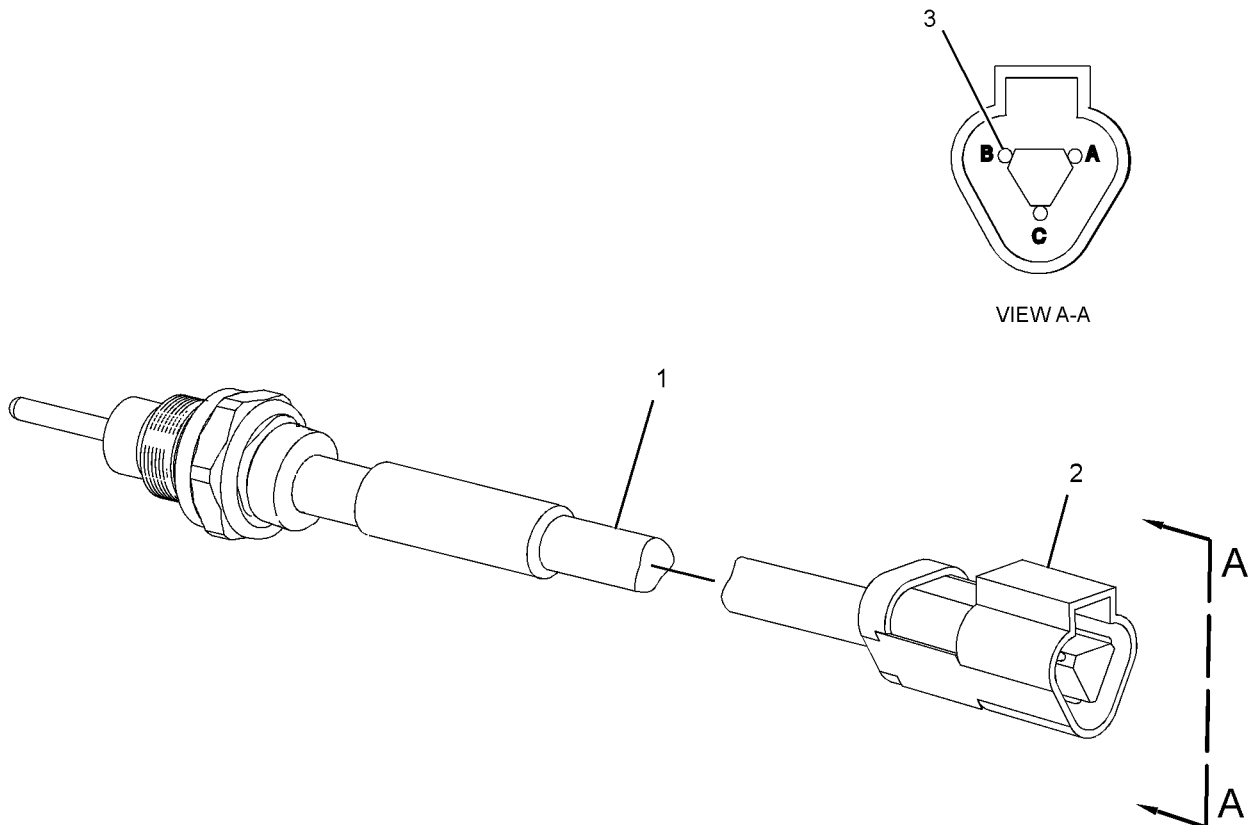
S/N: T4R1-UP

PART OF 341-3683 WIRING GP-FRONT

SMCS-1919, 1921

i04108209

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	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	3	1	8T-8729	3	PIN-CONNECTOR (16-GA TO 18-GA)						
E-ORDER BY THE CENTIMETER											



GRAPHIC #1

<END>

g01965958

ELECTRICAL AND STARTING SYSTEM

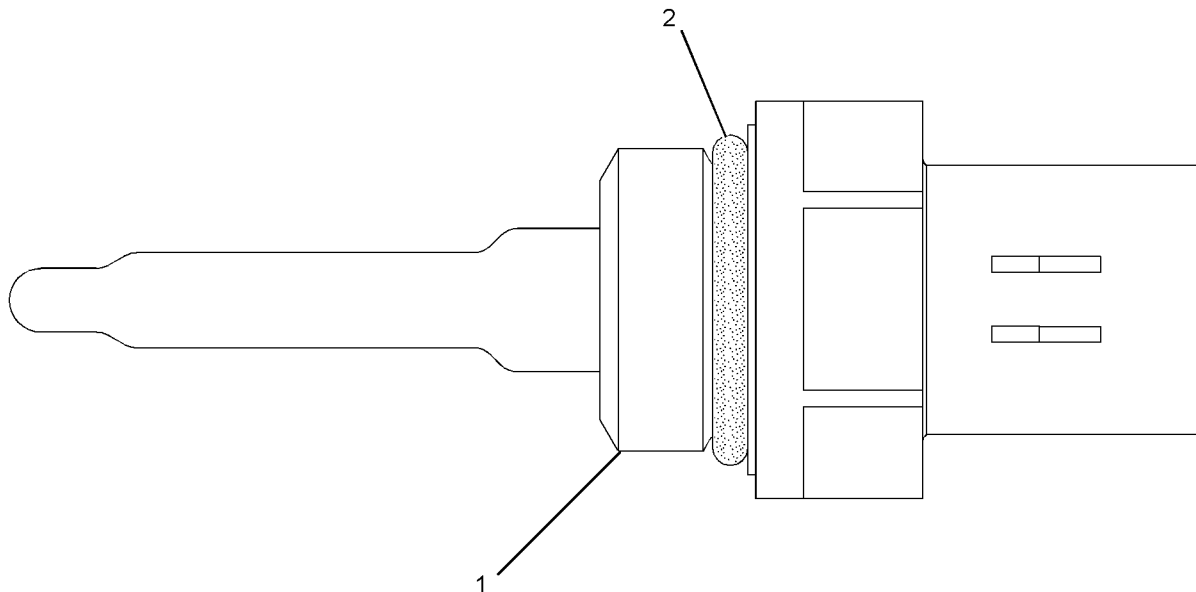
234-5012 SENSOR GP-TEMPERATURE

S/N: TXL1-UP; L4X1-UP
PART OF 343-8057 SENSOR GP-ENGINE

SMCS-1919, 1921

i02660829

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	6V-6609	1	SEAL-O-RING	



GRAPHIC #1

<END>

g01164284

ELECTRICAL AND STARTING SYSTEM

234-5013 SENSOR GP-TEMPERATURE

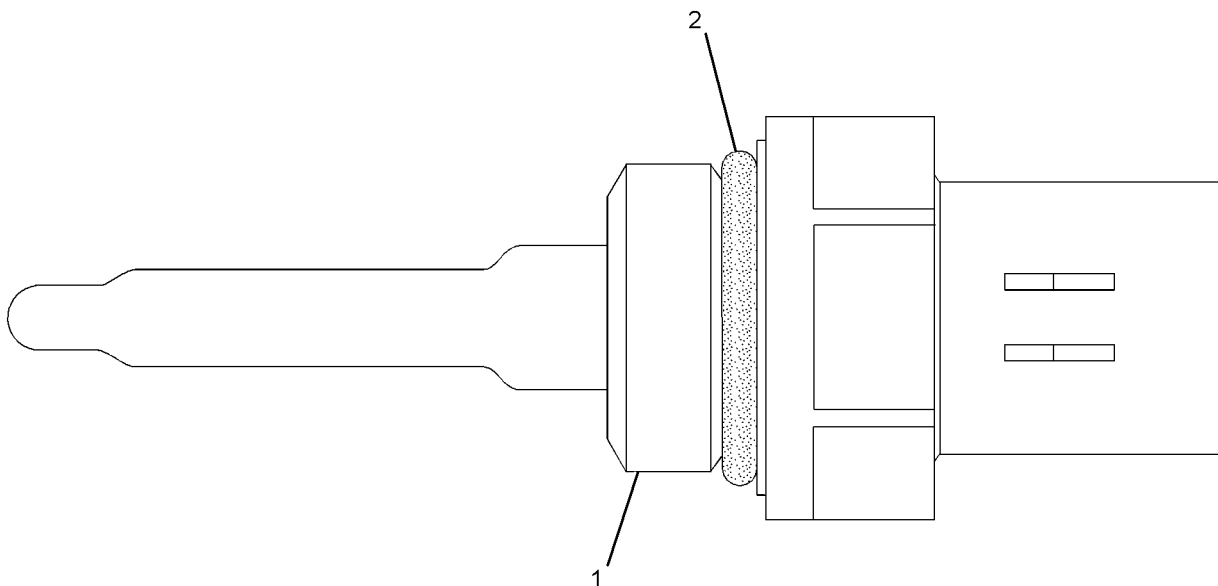
S/N: TXL1-UP; T4R1-UP; L4X1-UP

PART OF 343-8126 BASE GP-FUEL FILTER, 343-8057 SENSOR GP-ENGINE, 341-3683
WIRING GP-FRONT

SMCS-1919, 1921

i04278989

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 (ENGINE OIL)	
	2	1	238-5080	1	SEAL-O-RING	



GRAPHIC #1

<END>

g01164268

ELECTRICAL AND STARTING SYSTEM

328-4116 STARTING AID GP-ETHER

S/N: T4R1-UP

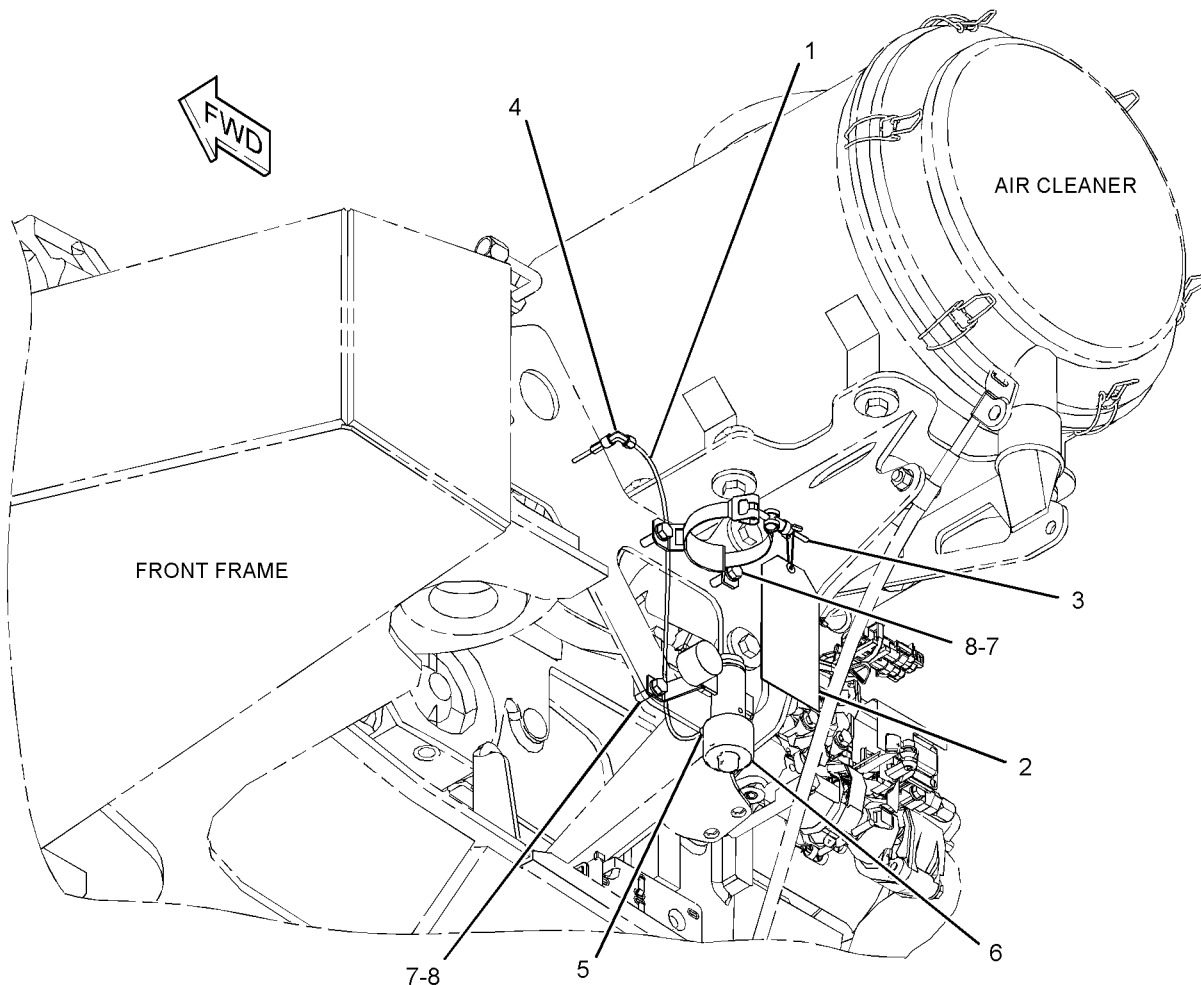
PART OF 291-8722 POWER TRAIN AR

SMCS-1456

i04171474

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
D	1	1	2U-4223		TUBE (1-M)						310
	2	1	2V-1713	1	TAG-NOTICE (STARTING AID)						
	3	1	7N-2059	1	CLAMP AS						
	4	1	127-7443	1	ATOMIZER AS (ETHER)						
		1	236-4545	1	NUT-SLEEVE (5/16-24-THD)						
	5	1	230-1434	1	FITTING AS						
		1	236-4545	1	NUT-SLEEVE (5/16-24-THD)						
Y	6	1	239-1134	1	VALVE GP-ETHER STARTING (24-VOLT)						
	7	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)						
M	8	1	8T-4908	4	BOLT (M8X1.25X25-MM)						
AF			7N-0296	1	CYLINDER AS-ETHER						
(MUST BE PROCURED LOCALLY FROM YOUR CATERPILLAR DEALER)											

A-NOT PART OF THIS GROUP
D-ORDER BY THE METER
F-NOT SHOWN
M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02389482

ELECTRICAL AND STARTING SYSTEM

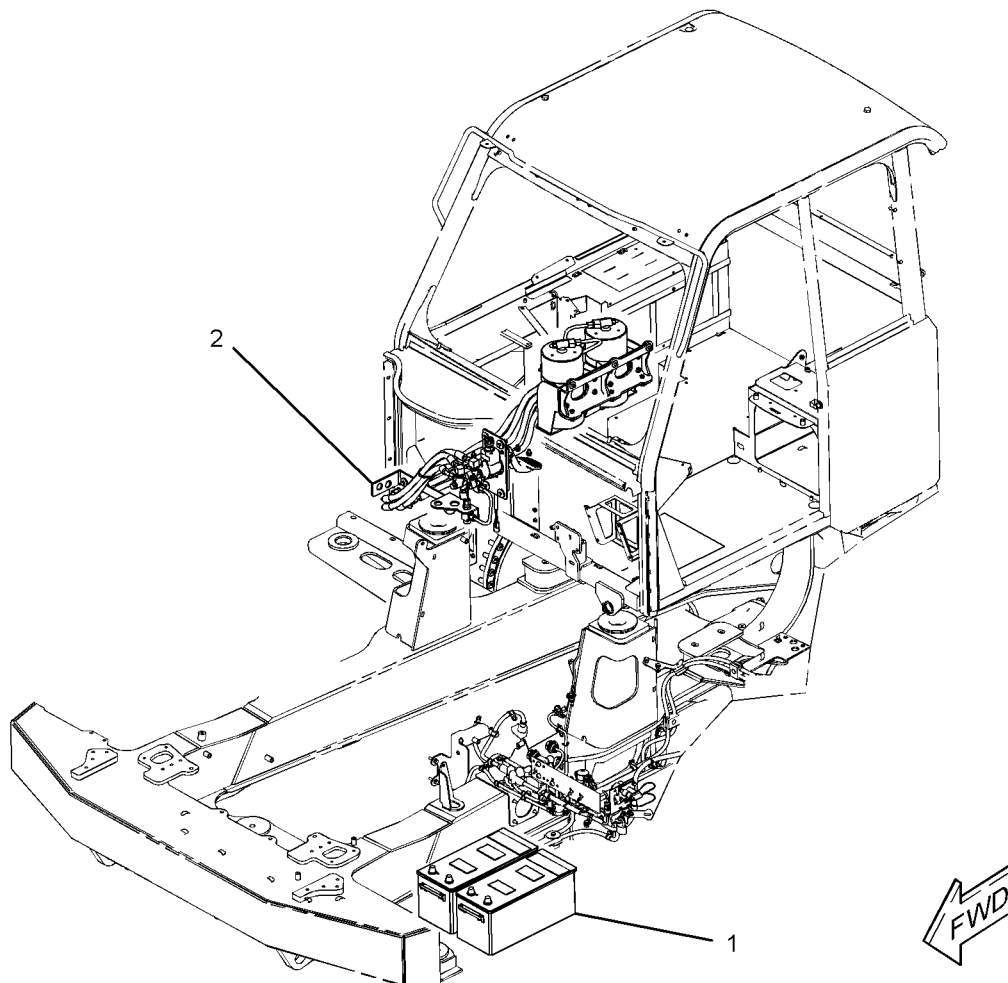
351-5932 STARTING AR-COLD WEATHER

S/N: T4R1-UP
AN ATTACHMENT

SMCS-1450

i04282513

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	153-5710	2	BATTERY (12-VOLT, 1400-CCA) (MAINTENANCE FREE)	
Y	2	1	347-9518	1	CONTROL GP-SERVICE BRAKE (COLD WEATHER)	559
Y-SEPARATE ILLUSTRATION						



GRAPHIC #1

<END>

g02313536

ELECTRICAL AND STARTING SYSTEM

361-5265 STARTING AR-COLD WEATHER

S/N: T4R1-UP
AN ATTACHMENT

SMCS-1450

i04282531

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	354-0748	1	CONTROL GP-SERVICE BRAKE (COLD WEATHER)						563
	153-5710	2	BATTERY (12-VOLT, 1400-CCA) (MAINTENANCE FREE)						
Y-SEPARATE ILLUSTRATION									
<END>									

ELECTRICAL AND STARTING SYSTEM

237-1962 STARTING MOTOR GP-ELECTRIC*R

S/N: TXL1-UP; L4X1-UP

24-VOLT

PART OF 330-9076 STARTING MOTOR GP-ELECTRIC

FIELD REPLACEMENT ORDER 338-3454—PAGE 301

SMCS-1453

i04093549

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7M-0326	1	CONNECTOR						
	2	1	9H-3757	2	WASHER (0.516X1X0.094-IN THK)						
	3	1	1S-7446	3	SCREW-MACHINE (8-32X0.437-IN)						
	4	1	8C-9660	3	WASHER (4.6X7.9X0.8-MM THK)						
	5	1	9S-2544	9	SCREW-HEX HEAD (8-32X11.13-MM)						
	6	1	7M-0327	1	WASHER-THRUST (17.4X25.4X1.6-MM THK)						
	7	1	3T-3418	1	FRAME AS-END						
		1	3T-3423	1	CUP						
		1	3T-3424	1	PLUG-FELT						
		1	9G-4101	1	BUSHING-END						
	8	1	3T-9525	1	PLATE AS-BRUSH						
	8A	1	6T-0371	1	INSULATOR						
	8B	1	5P-6298	12	SCREW-MACHINE (10-32X0.5-IN)						
		1	9F-5599	12	LOCKWASHER						
	8C	1	7F-3525	6	WASHER-BUSHING (0.207X0.39X0.09-IN THK)						
	8D	1	6T-0372	1	PLATE						
	8E	1	3T-4709	3	PLATE						
	8F	1	2L-6679	3	PLATE-INSULATOR						
	8G	1	3T-4710	3	PLATE						
	8H	1	6T-0363	6	HOLDER AS-BRUSH (STARTING MOTOR)						
					(EACH INCLUDES)						
	8J	1	3T-9494	1	SPRING						
	9	1	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						

ELECTRICAL AND STARTING SYSTEM

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

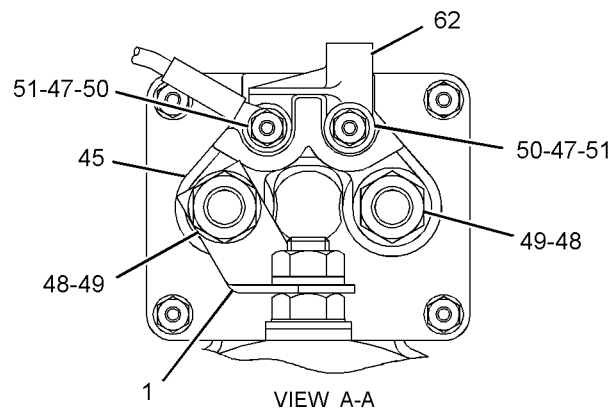
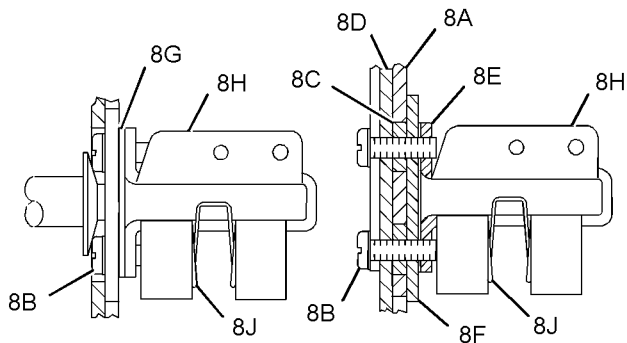
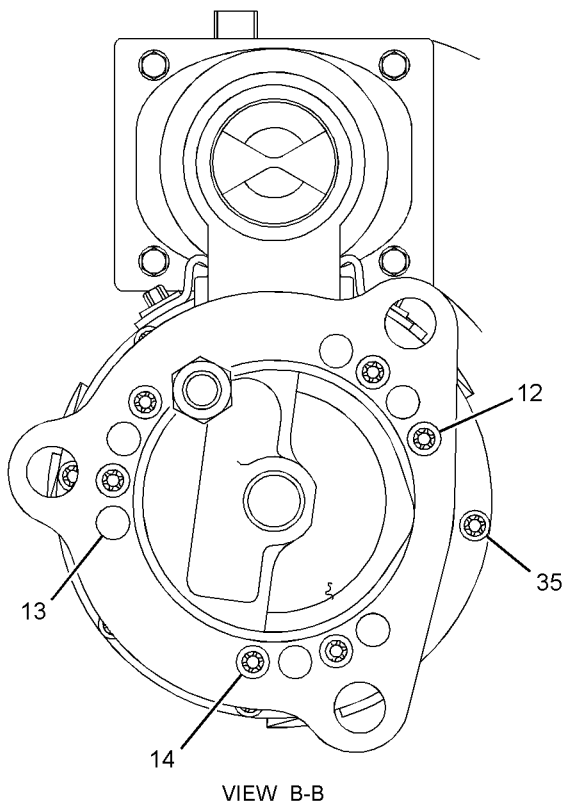
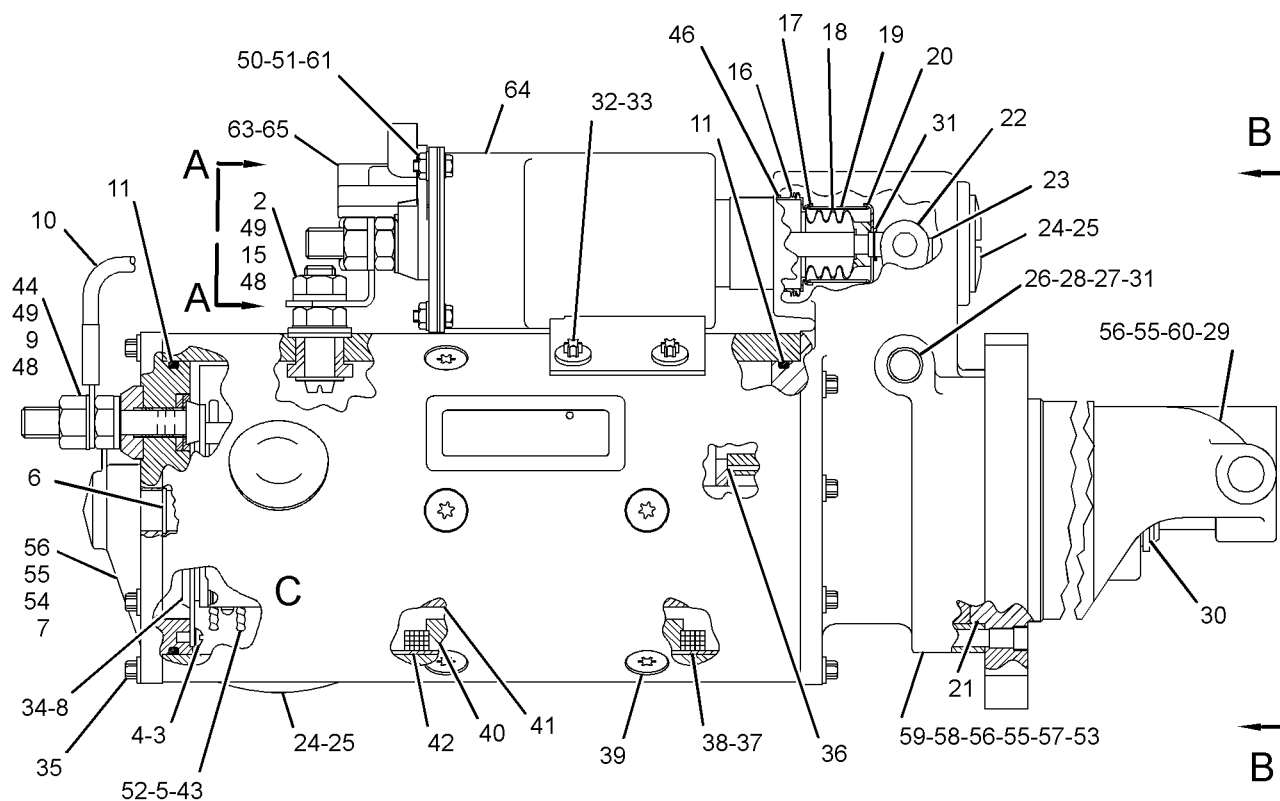
i04093549

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	41	1	7M-8651	1	ARMATURE AS						
	42	1	7M-0325	1	INSULATOR						
	43	1	3T-9524	6	BRUSH AS						
	44	1	3N-3763	1	KIT-TERMINAL (STARTING MOTOR)						
					(INCLUDES BUSHINGS & WASHERS)						
	45	1	125-6537	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 (13.5X19.0X0.8-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)						
		1	3R-8801	1	CLAMP						
	65	1	125-6536	1	TERMINAL AS						

ELECTRICAL AND STARTING SYSTEM

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

i04093549



GRAPHIC #1

<END>

g01453239

ELECTRICAL AND STARTING SYSTEM

330-9076 STARTING MOTOR GP-ELECTRIC

S/N: TXL1-UP; L4X1-UP

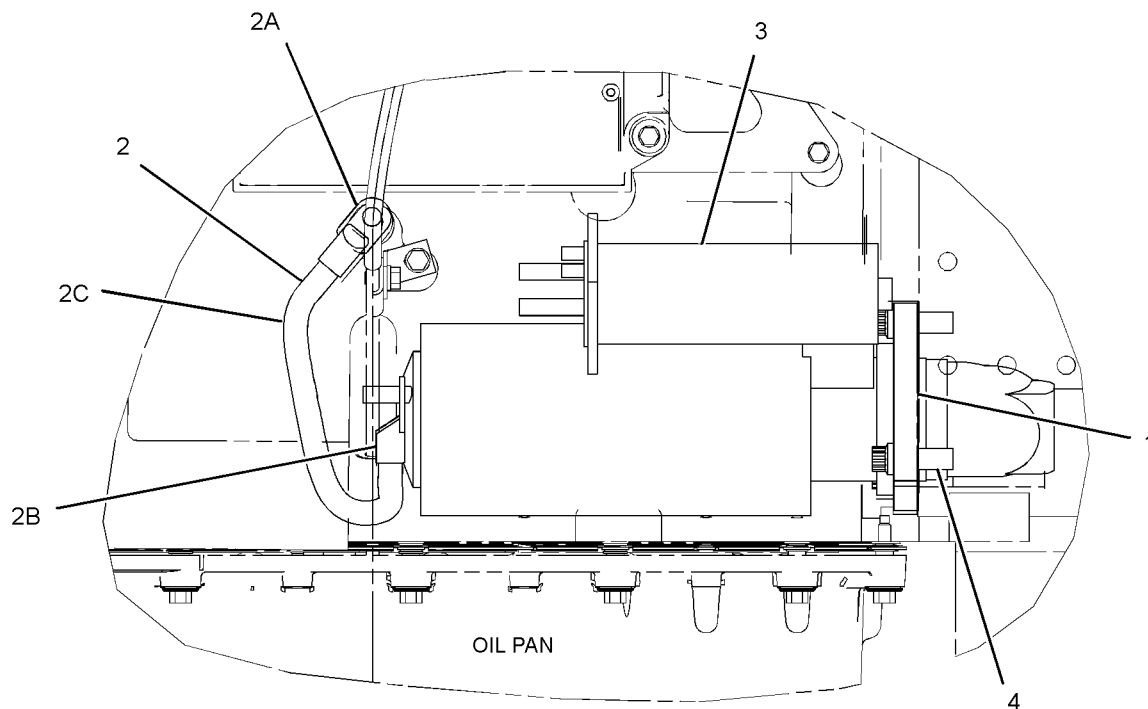
PART OF 365-3722 ENGINE AR-COMplete

SMCS-1453

i03881262

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9Y-6089	1	GASKET						
	2	1	131-1449	1	CABLE AS						
	2A	1	1S-7251	1	TERMINAL-CABLE (00-GA, 1/2-IN SCREW)						
	2B	1	1S-7252	1	TERMINAL-CABLE (00-GA, 3/8-IN SCREW)						
E	2C	1	159-8050		CABLE (00-GA, BLACK) (32-CM)						
YR	3	1	237-1962	1	STARTING MOTOR GP-ELECTRIC (24-VOLT)						297
	4	1	8S-2332	3	BOLT-12 POINT HEAD (5/8-11X1.75-IN)						

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



LEFT SIDE VIEW OF ENGINE

GRAPHIC #1

<END>

g02166815

ELECTRICAL AND STARTING SYSTEM

338-3454 STARTING MOTOR GP-ELECTRIC*R

S/N: TXL1-UP

24-VOLT

FIELD REPLACEMENT FOR 237-1962—PAGE 297

SMCS-1453

i04185404

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						
Y	8	1	3T-9525	1	PLATE AS-BRUSH						265
	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)						
	40A	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						

ELECTRICAL AND STARTING SYSTEM

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

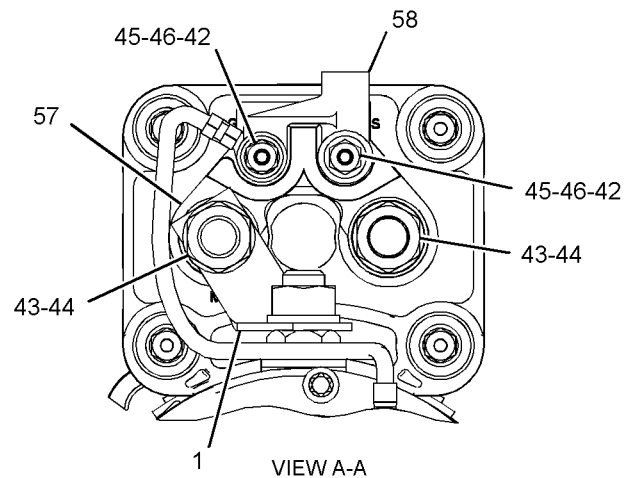
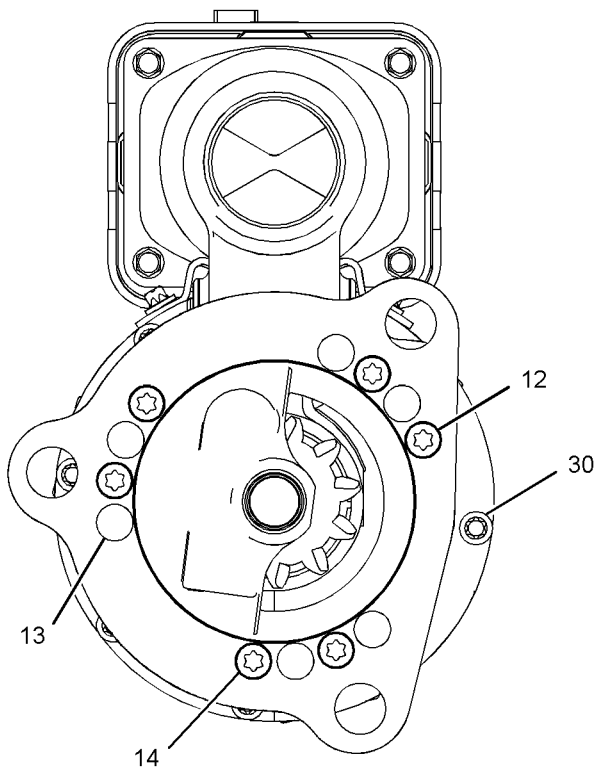
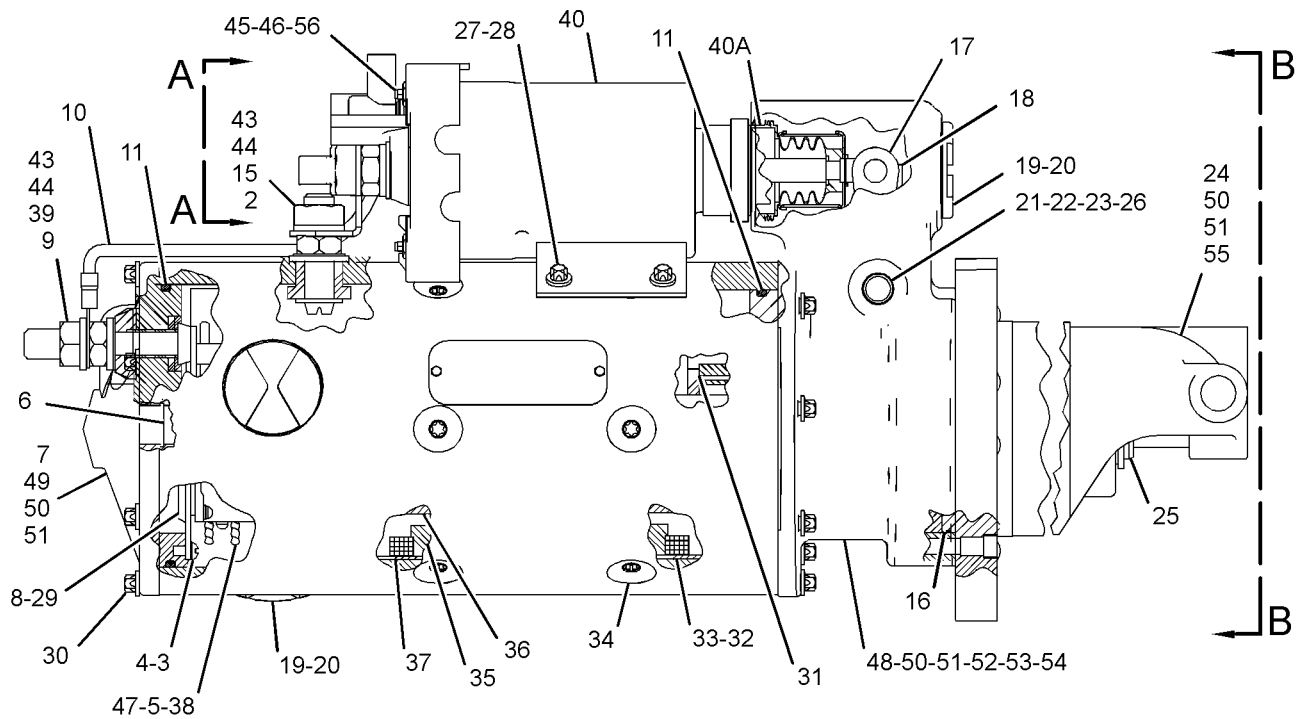
i04185404

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

ELECTRICAL AND STARTING SYSTEM

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

i04185404



GRAPHIC #1

<END>

g02376276

ELECTRICAL AND STARTING SYSTEM

7N-0718 SWITCH GP-DISCONNECT-BATTERY

S/N: T4R1-UP

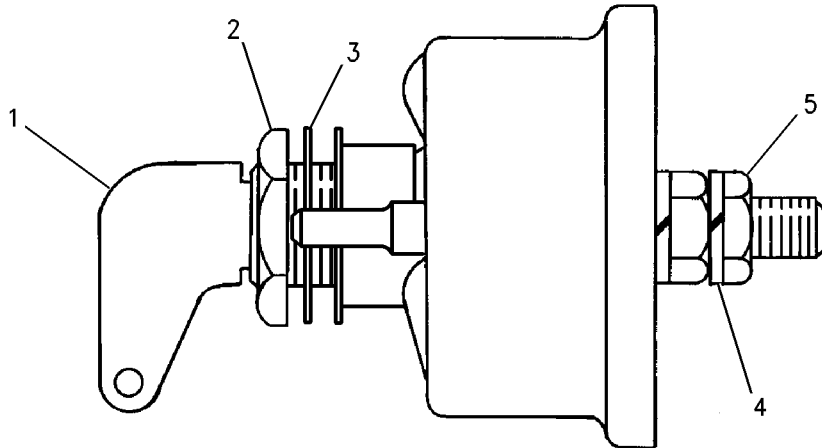
12-VOLT

PART OF 341-3682 BATTERY & WIRING GP

SMCS-1411

i02459121

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>

g00715584

ELECTRICAL AND STARTING SYSTEM

179-0006 SWITCH GP-MAGNETIC-SECONDARY STEERING RELAY

S/N: T4R1-UP

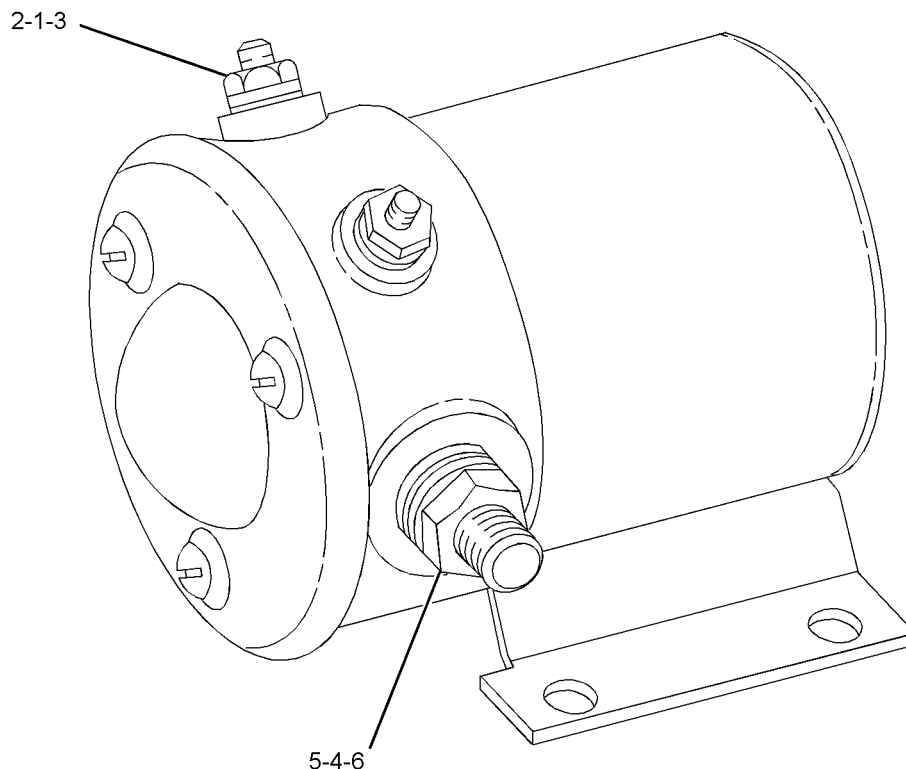
24-VOLT TO 32-VOLT

PART OF 341-3682 BATTERY & WIRING GP

SMCS-7499

i02605913

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7X-0620	2	WASHER-HARD (5.5X13X1.6-MM THK)						
	2	1	8F-1434	2	LOCKWASHER						
	3	1	6V-8378	2	NUT (10-32-THD)						
	4	1	4L-6499	2	WASHER (0.38X0.88X0.06-IN THK)						
	5	1	4D-1326	2	LOCKWASHER						
	6	1	1B-2578	2	NUT (3/8-16-THD)						



GRAPHIC #1

<END>

g01132022

ELECTRICAL AND STARTING SYSTEM

209-5582 SWITCH GP-MAGNETIC-START RELAY

S/N: T4R1-UP

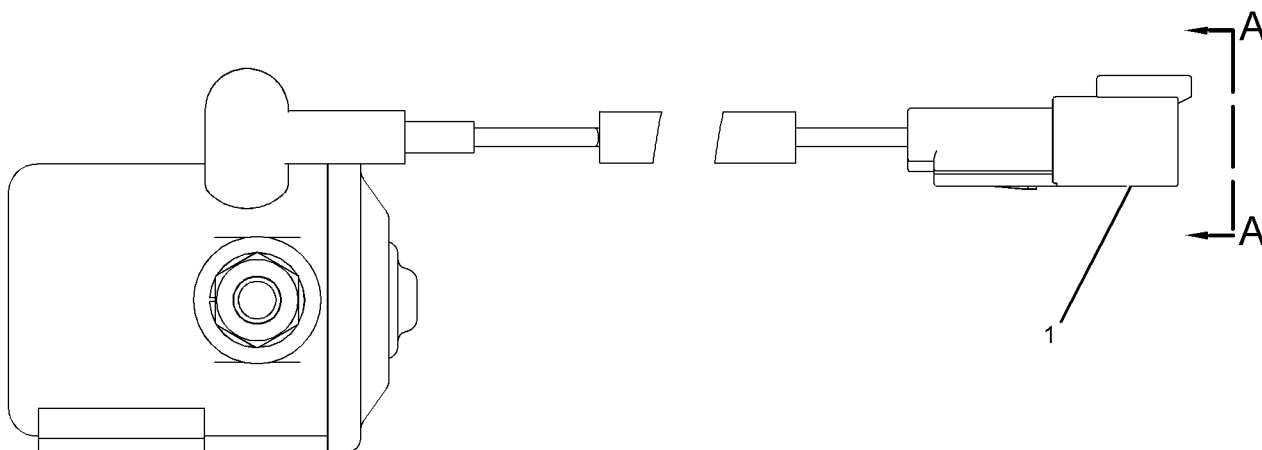
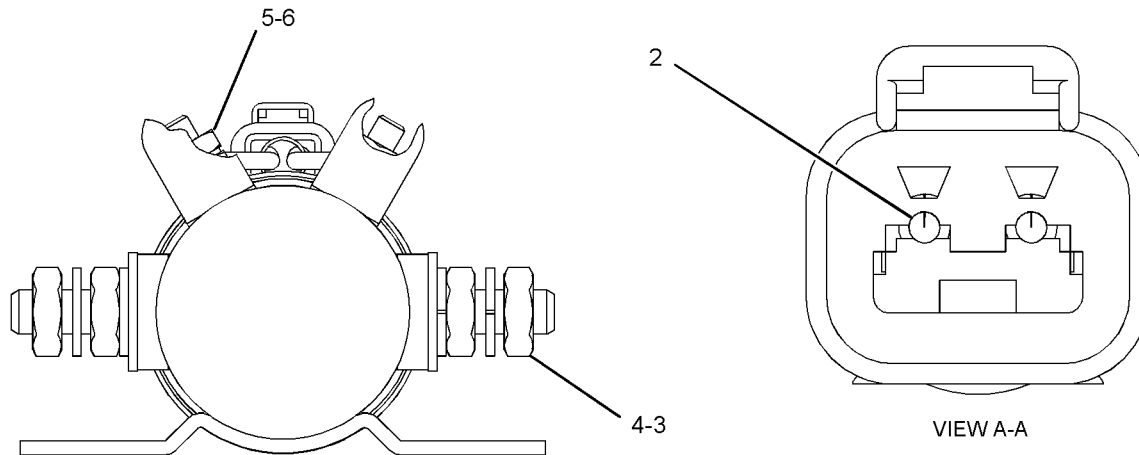
24-VOLT

PART OF 337-6317 PANEL GP-CIRCUIT BREAKER

SMCS-7499

i03753277

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	8T-8729	2	PIN-CONNECTOR (16-GA TO 18-GA)						
	3	1	3F-9556	2	LOCKWASHER						
	4	1	6V-8186	2	NUT-FULL (5/16-24-THD)						
	5	1	6V-8378	2	NUT (10-32-THD)						
	6	1	8F-1434	2	LOCKWASHER						



GRAPHIC #1

<END>

g01279452

ELECTRICAL AND STARTING SYSTEM

241-8368 SWITCH GP-MAGNETIC-MAIN POWER RELAY

S/N: T4R1-UP

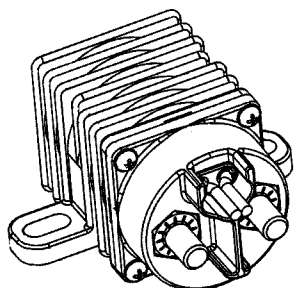
24-VOLT

PART OF 358-6986 WIRING GP-CAB

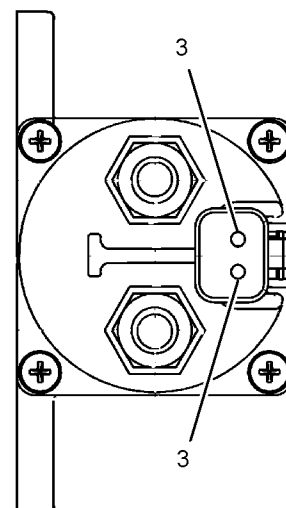
SMCS-7499

i04167480

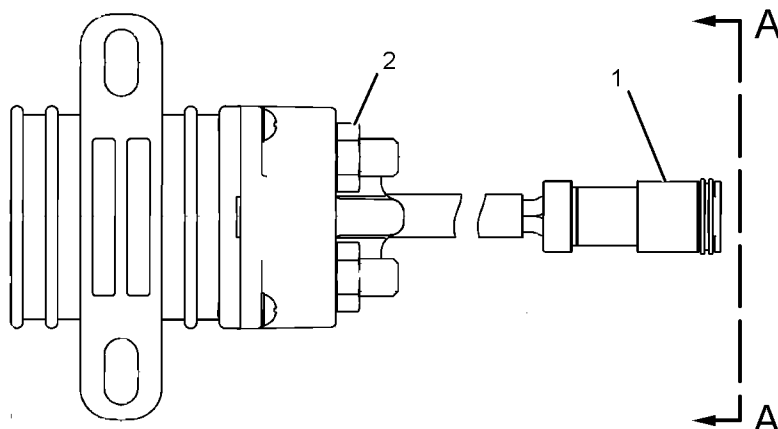
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	155-2270	1	KIT-CONNECTING PLUG (2-PIN) (INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
	2	1	4F-2294	2	NUT-JAM (5/16-24-THD)	
	3	1	8T-8730	2	SOCKET-CONNECTOR (16-GA TO 18-GA)	



ISOMETRIC VIEW



VIEW A-A



GRAPHIC #1

<END>

g01077362

ELECTRICAL AND STARTING SYSTEM

255-2752 SWITCH GP-START-KEY

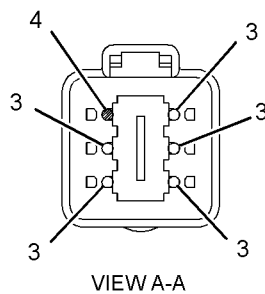
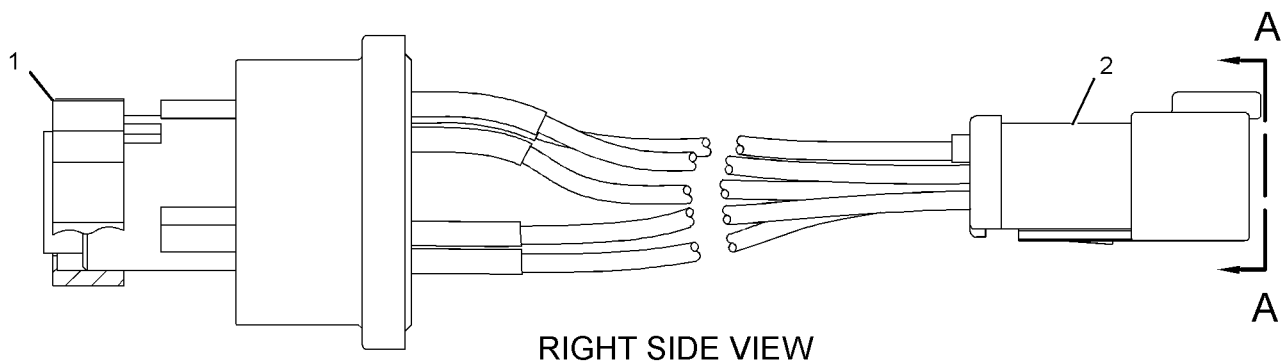
S/N: T4R1-UP

PART OF 358-6986 WIRING GP-CAB

SMCS-1416

i04051369

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7T-6799	1	NUT-MOUNTING (1-32-THD)						
	2	1	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	3	1	8T-8729	5	PIN-CONNECTOR (16-GA TO 18-GA)						
	4	1	8T-8737	1	PLUG-SEAL						



GRAPHIC #1

<END>

g02255874

ELECTRICAL AND STARTING SYSTEM

165-5970 SWITCH GP-TOGGLE-FUEL PRIMING PUMP

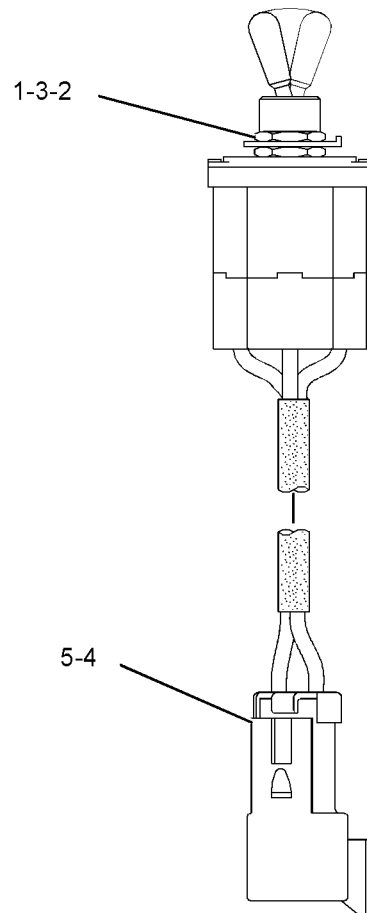
S/N: T4R1-UP

PART OF 341-3683 WIRING GP-FRONT

SMCS-7332

i04182792

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	8T-8729	3	PIN-CONNECTOR (16-GA TO 18-GA)						



GRAPHIC #1

<END>

g01874792

ELECTRICAL AND STARTING SYSTEM

239-1134 VALVE GP-ETHER STARTING

S/N: T4R1-UP

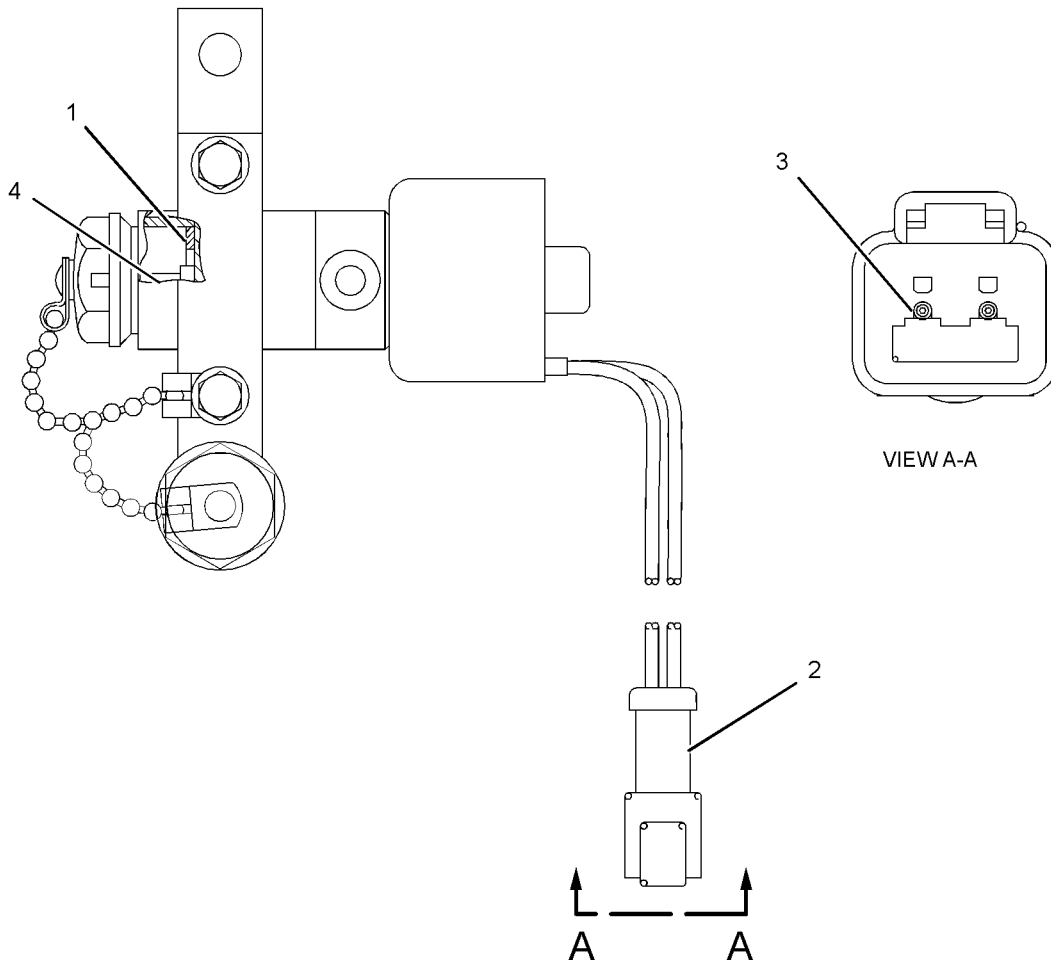
24-VOLT

PART OF 328-4116 STARTING AID GP-ETHER

SMCS-1456

i03894416

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	8T-8729	2	PIN-CONNECTOR (16-GA TO 18-GA)						
	4	1	358-4889	1	FILTER (ETHER START)						



GRAPHIC #1

<END>

g02138138

ELECTRICAL AND STARTING SYSTEM

291-9440 WARNING GP-BACKUP

S/N: T4R1-UP

PART OF 291-8785 WIRING GP-REAR

SMCS-7406

i04282352

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	9	STRAP-CABLE						
	2	1	151-7851	1	LATCH-DRAWBAR						
	3	1	213-9100	1	ALARM GP (BACKUP)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
BD		1	5P-5623		WIRE-ELECTRICAL (16-GA, BLACK) (0.4-M EACH)						
		1	8T-8729	2	PIN-CONNECTOR (16-GA TO 18-GA)						
E		1	9X-1813		SLEEVE (31-CM)						
	4	1	239-5042	1	HARNESS AS-REAR LIGHTING						
		1	9W-0852	6	PIN-CONNECTOR (14-GA TO 16-GA)						
		1	155-2270	3	KIT-CONNECTING PLUG (2-PIN)						
		1	155-2271	3	KIT-CONNECTING PLUG (4-PIN)						
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	9W-0844	14	SOCKET-CONNECTOR (14-GA TO 16-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) (10-CM)						
Y	5	1	260-0161	2	LAMP GP-FLOOD (24-VOLT)						254
	6	1	290-5751	2	LAMP GP-SIGNAL (24-VOLT) (STOP, TAIL, TURN)						
					(EACH INCLUDES)						
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	8T-8729	4	PIN-CONNECTOR (16-GA TO 18-GA)						
	7	1	291-9438	1	PLATE AS						
		1	7T-1099	5	LINK						
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)						
	8	1	4P-7581	2	CLIP						
	9	1	5P-9085	1	CLIP						
M	10	1	6V-7744	1	LOCKNUT (M10X1.5-THD)						
	11	1	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)						
M	12	1	8T-4133	2	NUT (M10X1.5-THD)						
M	13	1	8T-4186	1	BOLT (M10X1.5X40-MM)						
M	14	1	8T-4195	4	BOLT (M10X1.5X30-MM)						

B-USE AS REQUIRED

D-ORDER BY THE METER

E-ORDER BY THE CENTIMETER

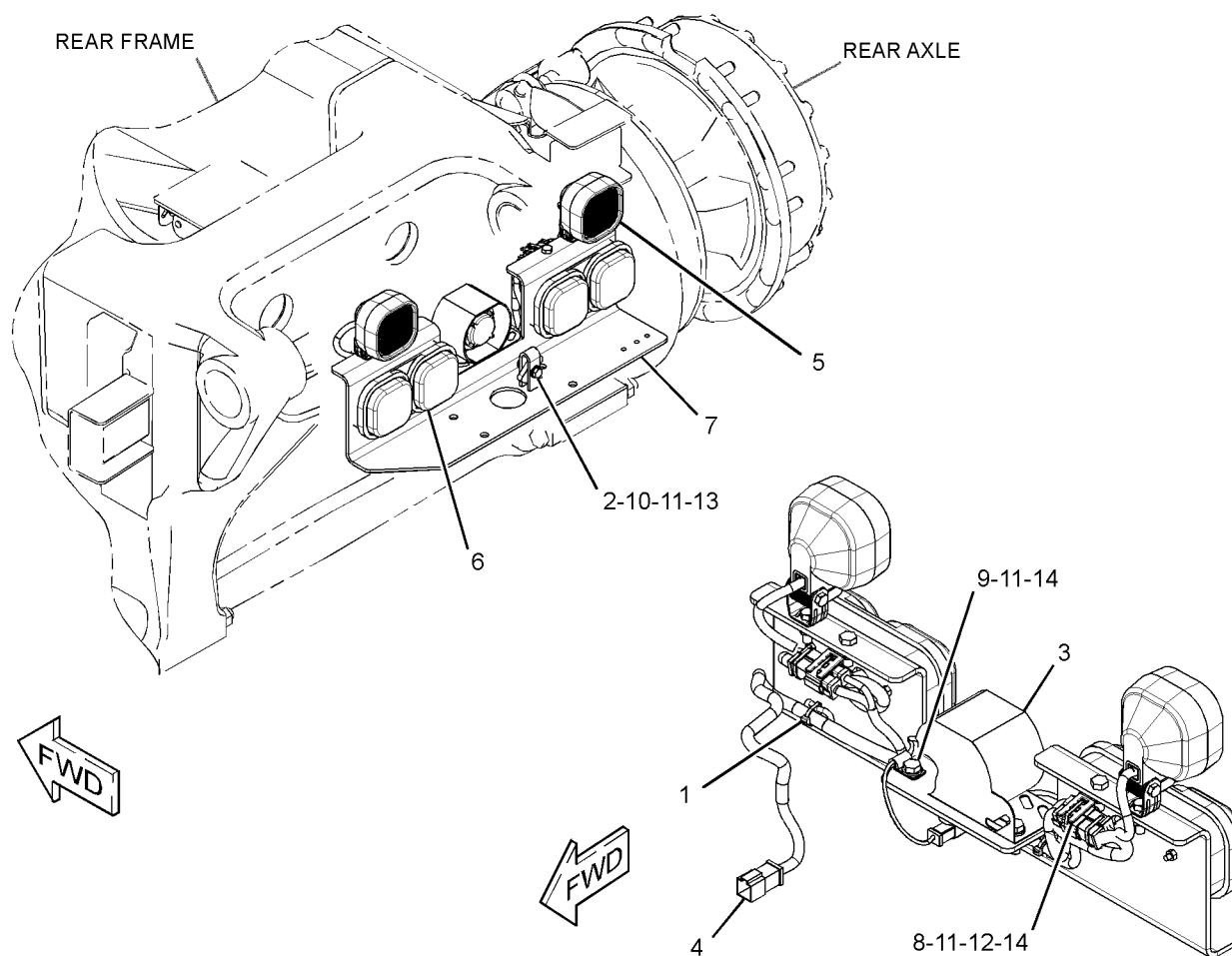
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

291-9440 WARNING GP-BACKUP (contd.)

i04282352



GRAPHIC #1

<END>

g01621579

ELECTRICAL AND STARTING SYSTEM

358-6986 WIRING GP-CAB

S/N: T4R1-UP

PART OF 324-7002 CAB AR

SMCS-1408, 7301

i04171506

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	3E-5239	1	RELAY AS (24-VOLT) (WIPER)	
Y	2	3	3E-6328	1	ALARM GP (24-VOLT) (CATERPILLAR MONITORING SYSTEM)	223
	3	3	6I-1418	8	SPACER (8.2X12.7X28.7-MM THK)	
	4	3	7G-1060	1	STRAP AS-GROUND (CHASSIS)	
	5	1	8E-1118	1	ANTENNA AS (RADIO)	
	6	3	8T-9655	16	MOUNT-ISOLATION (POWER TRAIN)	
	7	2	9D-4068	1	SWITCH AS-PUSH (DOME LIGHT)	
	8	1	9U-8263	1	COVER	
	9	2	9X-2185	4	SCREW (8-15X0.44-IN)	
	10	1	107-6032	1	LAMP GP-DOME (24-VOLT) (CAB)	
		1	259-1286	1	LAMP (24-VOLT, 10-WATT)	
	11	1	109-8981	1	CABLE AS-COAXIAL	
	12	3	117-2311	1	SOCKET-AUXILIARY POWER (12-VOLT)	
	13	1	124-6046	2	SPEAKER AS-RADIO	
	14	3	128-6157	2	PLATE	
	15	2	163-6088	1	MODULE AS (INTERMITTENT WIPER)	
		2	102-8803	1	KIT-RECEPTACLE (3-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
		2	8T-8729	3	PIN-CONNECTOR (16-GA TO 18-GA)	
	16	2	164-8473	2	LOUVER AS	
	17	1	189-3744	1	SEAL	
	18	3	195-9223	4	SCREW-PAN HEAD	
	19	1, 2	241-4505	10	PLUG	
Y	20	3	241-8368	1	SWITCH GP-MAGNETIC (24-VOLT) (MAIN POWER RELAY)	307
	21	2	248-4220	1	PANEL AS (AIR CONDITIONER, HEATER CONT)	
		2	271-7312	1	KNOB	
		2	285-7415	1	KNOB	
Y	22	2	255-2752	1	SWITCH GP-START (KEY)	308
Y	23	1	260-0162	1	LAMP GP-FLOOD (24-VOLT)	255
	24	2	271-2818	1	SWITCH AS-ROCKER (HEADLIGHTS)	
	25	2	271-2825	1	SWITCH AS-ROCKER (AIR CONDITIONER)	
	26	2	271-2826	1	SWITCH AS-ROCKER (WORK LIGHT)	
	27	2	271-2827	1	SWITCH AS-ROCKER (REAR WASHER, WIPER)	
	28	2	271-2828	1	SWITCH AS-ROCKER (HAZARD)	
	29	2	271-2830	1	SWITCH AS-ROCKER (SECONDARY STEERING)	
M	30	3	271-9408	4	SCREW-TRUSS HEAD (M5X0.8X10-MM)	
	31	2	273-9761	1	BRACKET	
	32	2	283-1433	1	PLATE-MOUNTING	
	33	2	298-6434	2	SCREW (M5X0.8X12-MM)	
	34	2	299-9240	1	SWITCH AS-MULTIFUNCTION (RH)	
		2	8T-8729	12	PIN-CONNECTOR (16-GA TO 18-GA)	
		2	174-3091	1	KIT-RECEPTACLE (12-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
	35	2	299-9241	1	SWITCH AS-MULTIFUNCTION (LH)	
		2	8T-8729	4	PIN-CONNECTOR (16-GA TO 18-GA)	
		2	8T-8737	2	PLUG-SEAL	
		2	151-9275	1	KIT-RECEPTACLE (6-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
	36	1	302-6392	2	PLUG	
Y	37	2	319-6827	1	HARNESS AS-SENSOR (CAMERA)	246
	38	3	320-9715	1	CABLE AS (CAMERA)	
	39	3	329-2477	1	PLATE AS	
		3	5C-9855	8	BOSS (M8X1.25X19-MM)	
	40	1	331-2886	1	SWITCH AS-ROCKER (ENGINE RATING)	

ELECTRICAL AND STARTING SYSTEM

358-6986 WIRING GP-CAB (contd.)

i04171506

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	41	2	331-2887	1	SWITCH AS-ROCKER (HEADLIGHT DIMMER) (EACH SWITCH AS INCLUDES)	
		2	111-7899	1	GASKET	
	42	2	332-7644	1	MODULE GP-DISPLAY (INSTRUMENT CLUSTER)	
		2	276-4053	1	FILM-IDENTIFICATION (CAT)	
	43	1	332-9701	1	HARNESS AS-WINDOW WIPER	
		1	8T-8729	7	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN) (INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
		1	8T-8737	6	PLUG-SEAL	
		1	245-0170	1	RECEPTACLE AS	
		1	8T-8730	5	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		1	5P-4571	4	TERMINAL-BLADE (14-GA TO 16-GA)	
E		1	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (5-CM)	
	44	1	332-9702	1	HARNESS AS-CAB (BULKHEAD)	
		1	228-5856	1	CONNECTOR	
		1	211-0052	1	NUT (1-11/16-18-THD)	
		1	9X-3401	2	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	271-5604	2	PIN-CONNECTOR (20-GA)	
		1	155-2255	2	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2270	2	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2265	1	KIT-CONNECTING PLUG (8-PIN)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN) (EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
		1	9X-1054	1	PLUG AS-CONNECTOR (4-PIN)	
		1	174-3016	1	PLUG AS-CONNECTOR (3-PIN)	
		1	8T-8737	11	PLUG-SEAL	
		1	7G-7918	1	PLUG-SEAL	
		1	176-9299	1	KIT-RECEPTACLE (3-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
		1	272-2840	1	RECEPTACLE AS-CONNECTOR (31-PIN)	
		1	274-3778	1	CAP-SEAL	
		1	8T-8730	7	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		1	283-8106	28	SOCKET	
		1	3S-2093	2	STRAP-CABLE	
		1	122-4401	2	TERMINAL	
		1	5P-4571	4	TERMINAL-BLADE (14-GA TO 16-GA)	
		1	104-1995	6	TERMINAL-BLADE (14-GA TO 18-GA)	
		1	9X-1056	4	TERMINAL-RECEPTACLE (14-GA TO 16-GA)	
E		1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (15-CM)	
		1	310-0674	1	LOCKWASHER	
	45	2	332-9703	1	HARNESS AS-DASH	
		2	228-5856	2	CONNECTOR	
		2	5P-6271	1	CONNECTOR AS	
		2	155-2255	3	KIT-CONNECTING PLUG (12-PIN)	
		2	155-2256	2	KIT-CONNECTING PLUG (12-PIN)	
		2	155-2270	1	KIT-CONNECTING PLUG (2-PIN)	
		2	155-2274	1	KIT-CONNECTING PLUG (6-PIN) (EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
		2	8T-8737	27	PLUG-SEAL	
		2	169-0705	14	SEAL	
		2	8T-8730	32	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		2	9W-0844	7	SOCKET-CONNECTOR (14-GA TO 16-GA)	
		2	3S-2093	2	STRAP-CABLE	
B		2	1P-0810		TAPE-ELECTRICAL	
		2	122-4401	2	TERMINAL	

ELECTRICAL AND STARTING SYSTEM

358-6986 WIRING GP-CAB (contd.)

i04171506

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	5P-4571	1	TERMINAL-BLADE (14-GA TO 16-GA)						
		2	091-2436	15	TERMINAL-BLADE (18-GA TO 22-GA)						
		2	104-1995	24	TERMINAL-BLADE (14-GA TO 18-GA)						
E		2	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (25-CM)						
	46	1	332-9704	1	HARNESS AS-CAB (GEARSHIFT)						
		1	211-0052	5	NUT (1-11/16-18-THD)						
		1	275-0600	126	PIN-CONNECTOR						
		1	202-5397	5	PLUG						
		1	155-2271	2	KIT-CONNECTING PLUG (4-PIN)						
		1	245-7434	1	KIT-CONNECTING PLUG (10-PIN)						
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
		1	230-4013	2	PLUG AS-CONNECTOR (3-PIN)						
					(EACH INCLUDES)						
		1	264-7030	1	SEAL-CONNECTOR						
		1	281-8803	1	PLUG AS-CONNECTOR (3-PIN)						
		1	264-7030	1	SEAL-CONNECTOR						
		1	272-2840	2	RECEPTACLE AS-CONNECTOR (31-PIN)						
		1	272-2843	2	RECEPTACLE AS-CONNECTOR						
		1	169-0705	45	SEAL						
		1	185-1861	5	SEAL-WIRE						
		1	9X-3402	9	SOCKET-CONNECTOR (16-GA TO 18-GA)						
		1	283-8106	24	SOCKET						
		1	204-1297	5	TERMINAL-BLADE						
					(EACH INCLUDES)						
		1	235-4123	1	TERMINAL (18-GA TO 20-GA)						
E		1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (25-CM)						
		1	310-0674	5	LOCKWASHER						
	47	1	332-9706	1	HARNESS AS-CAB						
		1	126-1774	2	COVER-CONNECTOR						
		1	237-0336	1	COVER (CONNECTOR)						
		1	211-0052	7	NUT (1-11/16-18-THD)						
		1	7T-0093	2	PIN-CONNECTOR (12-GA TO 14-GA)						
		1	8T-8729	85	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	9W-0852	4	PIN-CONNECTOR (14-GA TO 16-GA)						
		1	115-3519	3	PIN-CONNECTOR (12-GA TO 14-GA)						
		1	9X-3401	51	PIN-CONNECTOR (16-GA TO 18-GA)						
					-OR-						
		1	126-1767	51	PIN-CONNECTOR (14-GA TO 16-GA)						
		1	147-1445	2	PLUG AS-CONNECTOR (70-PIN)						
					(EACH INCLUDES)						
		1	159-9322		SEAL-O-RING						
		1	147-1446	2	PLUG AS-CONNECTOR (70-PIN)						
					(EACH INCLUDES)						
		1	159-9322	1	SEAL-O-RING						
		1	155-2255	3	KIT-CONNECTING PLUG (12-PIN)						
		1	155-2265	1	KIT-CONNECTING PLUG (8-PIN)						
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)						
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
		1	160-7690	1	PLUG AS-CONNECTOR (70-PIN)						
		1	159-9322	1	SEAL-O-RING						
		1	174-3016	2	PLUG AS-CONNECTOR (3-PIN)						
		1	8T-8737	272	PLUG-SEAL						
		1	9G-3695	36	PLUG-SEAL						
		1	176-9299	2	KIT-RECEPTACLE (3-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		1	169-0705	16	SEAL						
		1	8T-8730	61	SOCKET-CONNECTOR (16-GA TO 18-GA)						

ELECTRICAL AND STARTING SYSTEM

358-6986 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	9W-0844	12	SOCKET-CONNECTOR (14-GA TO 16-GA)						
		1	9X-3402	25	SOCKET-CONNECTOR (16-GA TO 18-GA)						
					-OR-						
		1	126-1768	25	SOCKET-CONNECTOR (14-GA TO 16-GA)						
		1	180-9340	126	SOCKET-CONNECTOR (14-GA TO 18-GA)						
		1	3S-2093	7	STRAP-CABLE						
		1	131-1490	2	TERMINAL AS (6-GA TO 8-GA)						
					(EACH INCLUDES)						
		1	6H-3587	1	TERMINAL-RING						
					(6-GA TO 8-GA, 3/8-IN SCREW)						
E		1	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (4-CM)						
		1	2L-8069	2	TERMINAL-RING (2-GA TO 10-GA, 3/8-IN SCREW)						
E		1	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (20-CM)						
E		1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (115-CM)						
E		1	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (15-CM)						
	48	1	332-9707	1	HARNESS AS-CAB (ROOF)						
		1	228-5856	1	CONNECTOR						
		1	211-0052	1	NUT (1-11/16-18-THD)						
		1	155-2270	2	KIT-CONNECTING PLUG (2-PIN)						
		1	155-2265	1	KIT-CONNECTING PLUG (8-PIN)						
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)						
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
		1	231-2295	2	PLUG AS-CONNECTOR (8-PIN)						
					(EACH INCLUDES)						
		1	264-7033	1	SEAL-CONNECTOR						
		1	245-8026	1	PLUG AS						
		1	8T-8737	35	PLUG-SEAL						
		1	102-8802	2	KIT-RECEPTACLE (2-PIN)						
		1	102-8806	1	KIT-RECEPTACLE (8-PIN)						
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)						
		1	231-2300	2	RECEPTACLE AS-CONNECTOR (8-PIN)						
		1	274-3778	1	CAP-SEAL						
		1	9X-3402	43	SOCKET-CONNECTOR (16-GA TO 18-GA)						
		1	8T-8730	17	SOCKET-CONNECTOR (16-GA TO 18-GA)						
		1	122-4401	1	TERMINAL						
		1	006-2884	3	TERMINAL-BLADE (16-GA TO 20-GA)						
		1	091-2436	1	TERMINAL-BLADE (18-GA TO 22-GA)						
		1	104-1995	8	TERMINAL-BLADE (14-GA TO 18-GA)						
		1	124-8616	2	TERMINAL-RECEPTACLE						
		1	124-8617	2	TERMINAL-RECEPTACLE						
E		1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (20-CM)						
E		1	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (25-CM)						
		1	310-0674	1	LOCKWASHER						
	49	2	334-7785	1	SWITCH AS-ROCKER (HOOD RELEASE)						
		2	111-7899	1	GASKET						
	50	2	336-8940	1	DISPLAY GP-MONITOR (CMPD)						
	51	3	340-7161	1	CONVERTER-POWER (24-VOLT TO 12-VOLT)						
	52	2	340-7389	1	PANEL AS-INSTRUMENT						
	53	2	343-4335	1	BRACKET AS						
M		2	6V-9632	2	NUT-WELD (M6X1-THD)						
	54	1	343-4505	1	PLATE						
	55	3	344-2592	1	PLATE AS						
M		3	6V-9632	8	NUT-WELD (M6X1-THD)						
		3	7T-1099	3	LINK						
M		3	8C-8499	1	BOSS-WELD (M10X1.5X50-MM)						
	56	3	346-8101	1	HARNESS AS-WIRING (TRANSMISSION OUTPUT SPEED)						
		3	8T-8729	8	PIN-CONNECTOR (16-GA TO 18-GA)						
		3	245-0168	1	RECEPTACLE AS-CONNECTOR (8-PIN)						

ELECTRICAL AND STARTING SYSTEM

358-6986 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
	57	3	346-9671	1	HARNESS AS-WIRING (SEAT)	
		3	8T-8729	2	PIN-CONNECTOR (16-GA TO 18-GA)	
		3	245-0159	1	PLUG AS	
		3	245-0165	1	RECEPTACLE AS	
		3	8T-8730	2	SOCKET-CONNECTOR (16-GA TO 18-GA)	
	58	1	347-9507	1	BEZEL-RADIO	
	59	3	354-0738	1	PLATE AS	
M		3	6V-9632	6	NUT-WELD (M6X1-THD)	
		3	7T-1099	1	LINK	
	60	3	354-7732	1	WIRE AS	
	61	3	354-7735	1	HARNESS AS-CAB (FUSE BLOCK)	
		3	309-9886	1	BLOCK AS-FUSE	
M		3	5C-7261	2	NUT (M8X1.25-THD)	
		3	7X-0608	2	WASHER-HARD (10.2X16X2-MM THK)	
		3	9F-5644	2	LOCKWASHER	
		3	123-7615	1	CONNECTOR	
		3	141-2760	17	FUSE (7.5-AMPERE)	
		3	113-8490	8	FUSE (10-AMPERE)	
		3	113-8491	5	FUSE (15-AMPERE)	
		3	113-8492	7	FUSE (20-AMPERE)	
		3	9F-5644	2	LOCKWASHER	
M		3	5C-7261	2	NUT (M8X1.25-THD)	
		3	9X-3401	42	PIN-CONNECTOR (16-GA TO 18-GA)	
					-OR-	
		3	126-1767	42	PIN-CONNECTOR (14-GA TO 16-GA)	
		3	155-2270	2	KIT-CONNECTING PLUG (2-PIN)	
					(EACH INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
		3	7R-2751	28	PLUG-CONNECTOR	
		3	8T-8737	20	PLUG-SEAL	
		3	9G-3695	35	PLUG-SEAL	
		3	274-8267	2	PLUG	
		3	242-1555	1	PULLER-FUSE	
		3	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		3	245-8027	1	RECEPTACLE AS	
		3	248-2841	7	RELAY AS (24-VOLT) (FUSE BLOCK)	
		3	169-0705	19	SEAL	
		3	128-5016	51	SEAL-CABLE	
		3	7R-2750	12	SEAL-CONNECTOR	
		3	3E-5226	3	CONNECTOR-SOCKET	
		3	196-2412	54	TERMINAL AS	
					(EACH INCLUDES)	
		3	7R-2750	1	SEAL-CONNECTOR	
		3	9X-3402	51	SOCKET-CONNECTOR (16-GA TO 18-GA)	
					-OR-	
		3	126-1768	51	SOCKET-CONNECTOR (14-GA TO 16-GA)	
		3	196-2413	8	TERMINAL AS	
					(EACH INCLUDES)	
		3	128-4123	1	SEAL	
		3	283-8106	28	SOCKET	
		3	3S-2093	2	STRAP-CABLE	
		3	128-4168	1	TERMINAL AS	
		3	6H-3592	1	TERMINAL-RING (6-GA TO 8-GA, 5/16-IN SCREW)	
E		3	6V-9023		TUBE-HEAT SHRINK (12.7-MM DIA) (4-CM)	
		3	5P-4571	2	TERMINAL-BLADE (14-GA TO 16-GA)	
E		3	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (13-CM)	
E		3	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (40-CM)	
E		3	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (5-CM)	

ELECTRICAL AND STARTING SYSTEM

358-6986 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	7X-0608	2	WASHER-HARD (10.2X16X2-MM THK)						
	62	1	358-8802	1	INSULATION						
	63	3	363-7677	1	DOOR GP-ACCESS (FUSE PANEL)						
		3	3H-0240	7	WASHER (5X9.7X0.8-MM THK)						
		3	9M-5733	7	RIVET-POP						
		3	302-4764	1	LATCH AS						
		3	344-2588	1	HINGE AS						
	64	1	367-0794	2	PLUG						
	65	3	367-5213	1	SWITCH AS-ROCKER (PARKING BRAKE)						
	66	2, 3	114-6658	4	WASHER (6.5X17X1-MM THK)						
	67	2	104-2091	8	SCREW-FLAT HEAD (6-20X0.5-IN)						
	68	2	130-5300	2	CLIP						
	69	3	141-4976	8	SCREW-WASHER HEAD (4-40X0.5-IN)						
M	70	2	174-8131	4	SCREW-TRUSS HEAD (M4X0.7X12-MM)						
M	71	1	213-7315	6	SCREW-TRUSS HEAD (M4X0.7X25-MM)						
R	72	3	304-5687	2	CONTROL GP-UNPROGRAMMED (ELECTRONIC)						
M	73	2	3E-8020	6	SCREW-TRUSS HEAD (M6X1X25-MM)						
	74	1, 2, 3	3S-2093	46	STRAP-CABLE						
	75	1, 2, 3	4P-7581	5	CLIP						
	76	3	4P-8134	2	CLIP						
M	77	3	5C-2890	1	NUT (M6X1-THD)						
M	78	2	5C-9553	1	BOLT (M6X1X16-MM)						
	79	3	5P-4116	8	WASHER-HARD (8.8X20.5X2-MM THK)						
	80	2	5P-8525	1	GROMMET						
	81	1	5P-9297	2	CLIP						
	82	2	6D-3479	1	CLIP						
	83	2	6D-4244	2	CLIP						
	84	3	6V-5839	1	WASHER (11X21X2.5-MM THK)						
M	85	2	7I-2272	8	BOLT (M5X0.8X12-MM)						
	86	2, 3	7K-1181	15	STRAP-CABLE						
M	87	3	7X-0818	8	BOLT (M8X1.25X45-MM)						
	88	3	7X-3393	2	WASHER-HARD (8.3X19X1.83-MM THK)						
	89	3	7X-7729	3	WASHER (11X25X3-MM THK)						
M	90	1	8C-8451	2	BOLT (M6X1X40-MM)						
	91	2	8D-6946	1	FLASHER AS (24-VOLT) (TURN SIGNAL)						
	92	1, 2	8M-2770	3	CLIP						
M	93	3	8T-0289	2	BOLT (M5X0.8X20-MM)						
	94	2	8T-0328	8	WASHER-HARD (5.5X10X1-MM THK)						
	95	1, 2, 3	8T-4121	17	WASHER-HARD (11X21X2.5-MM THK)						
M	96	1, 2, 3	8T-4137	18	BOLT (M10X1.5X20-MM)						
M	97	2, 3	8T-4138	6	BOLT (M6X1X20-MM)						
M	98	3	8T-4191	3	BOLT (M10X1.5X16-MM)						
	99	3	8T-4205	4	WASHER-HARD (7.2X14.5X2-MM THK)						
	100	3	9M-8406	1	CLIP						
	101	2	9W-0335	1	LIGHTER AS-CIGAR (24-VOLT)						
M	102	1	9X-1046	16	SCREW (M4X0.7X18-MM)						
M	103	2	9X-2044	2	SCREW-TRUSS HEAD (M6X1X16-MM)						
M	104	2, 3	9X-2045	8	SCREW-TRUSS HEAD (M6X1X20-MM)						
	105	3	9X-6165	1	WASHER (6.5X22X2.5-MM THK)						
	106	1, 2	9X-8256	5	WASHER (6.6X12X2-MM THK)						

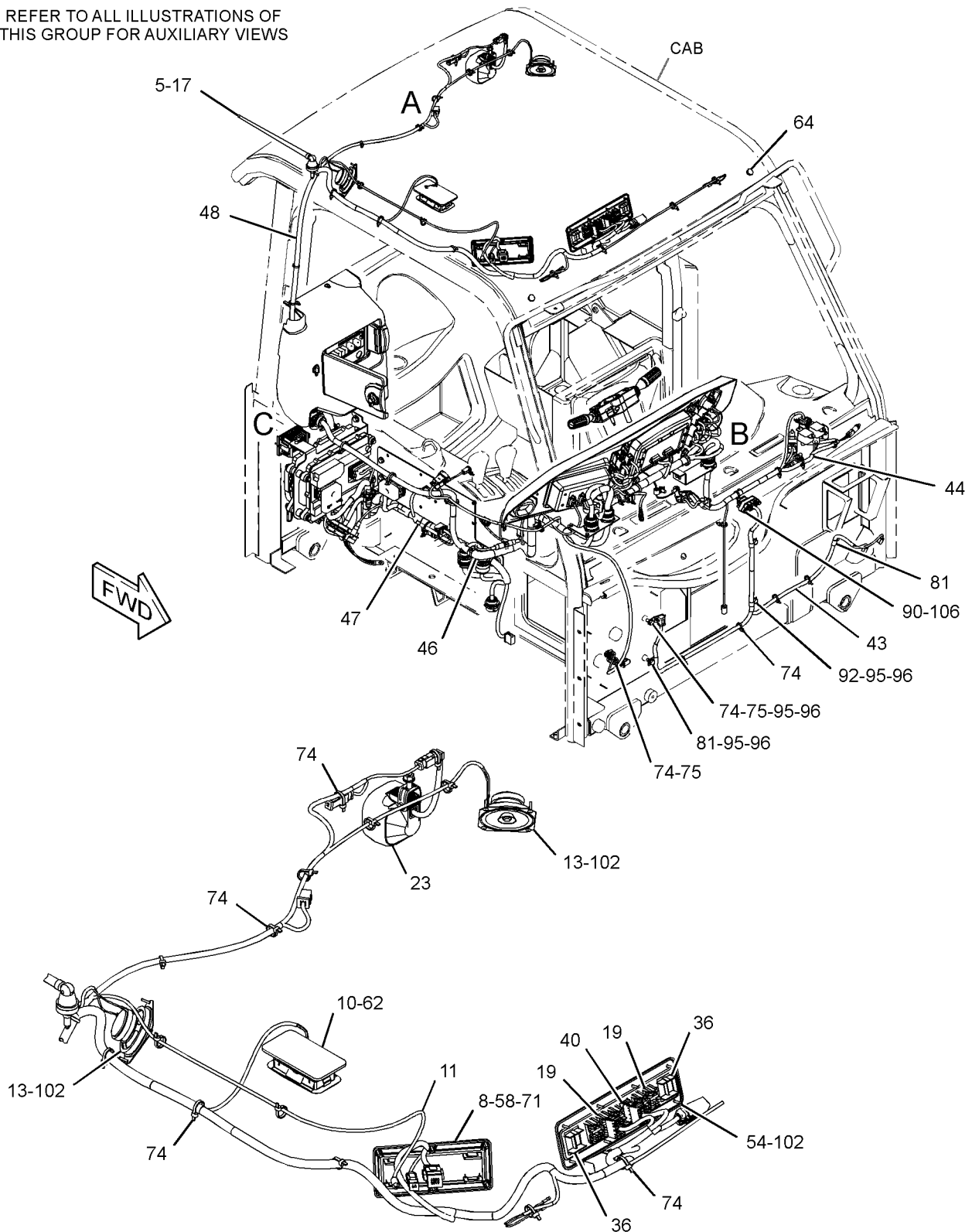
B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER
M-METRIC PART
R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

358-6986 WIRING GP-CAB (contd.)

i04171506

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



VIEW OF AREA A
(PARTS REMOVED FOR CLARITY)

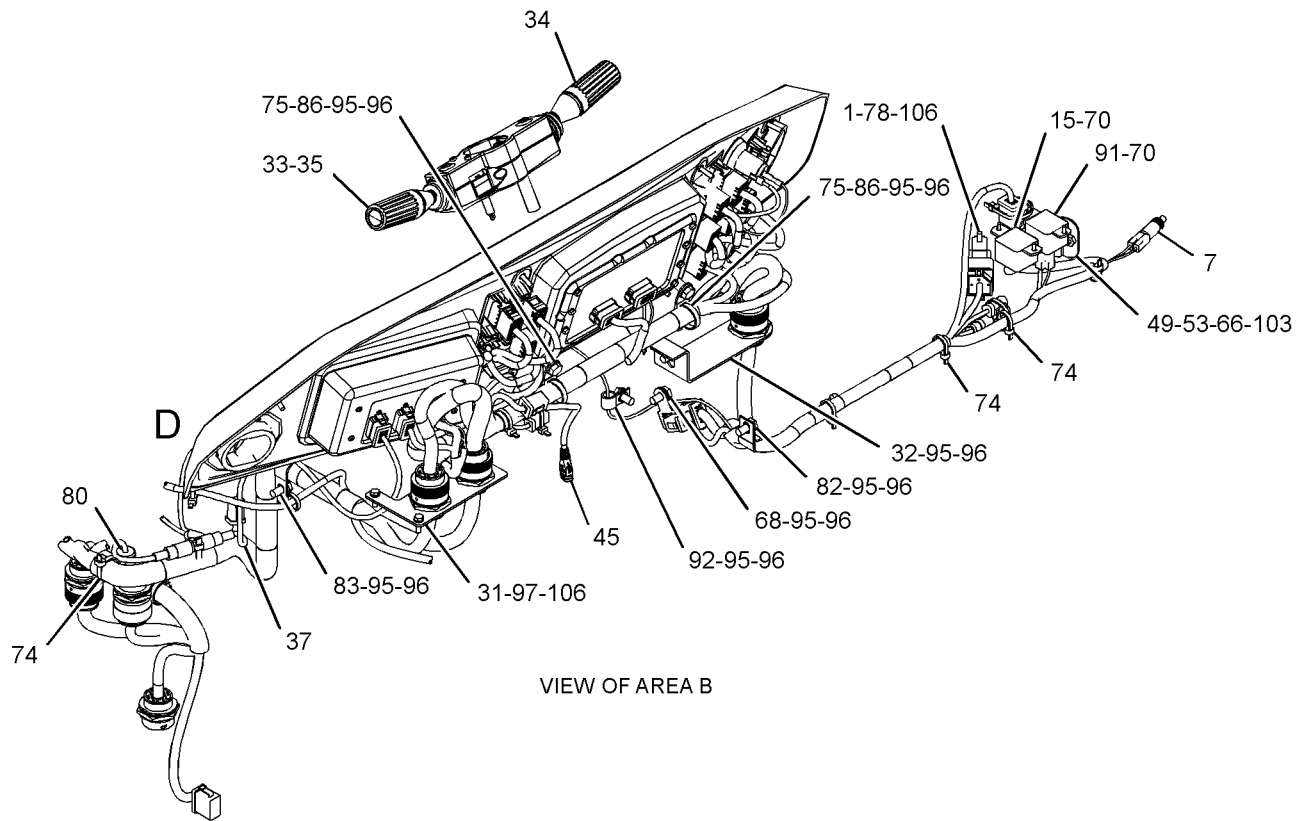
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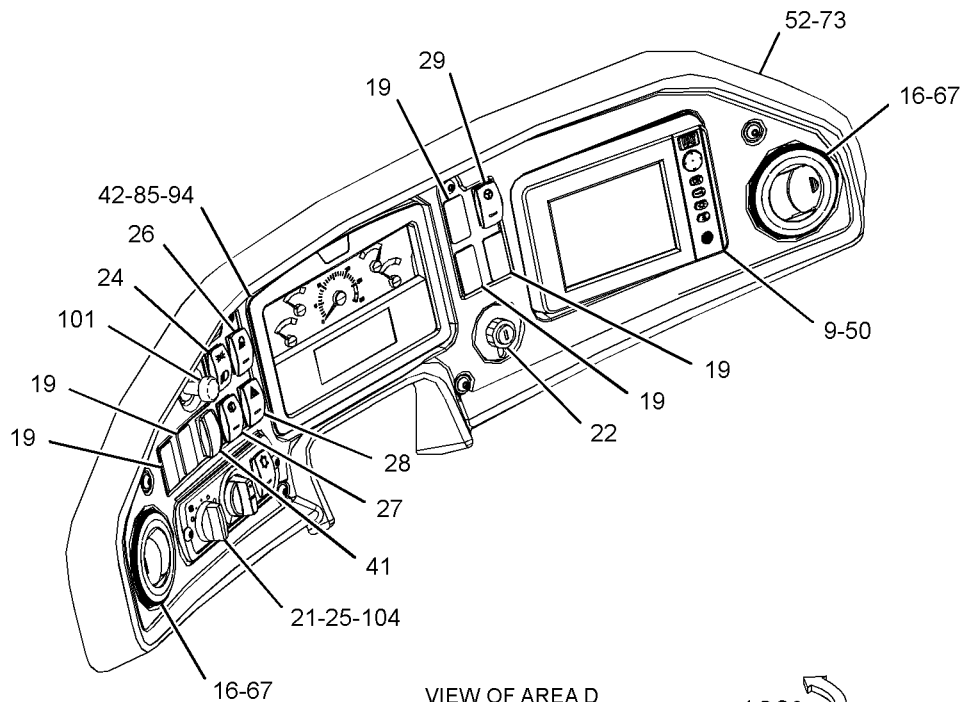
ELECTRICAL AND STARTING SYSTEM

358-6986 WIRING GP-CAB (contd.)

i04171506



VIEW OF AREA B



VIEW OF AREA D
(PARTS REMOVED FOR CLARITY)

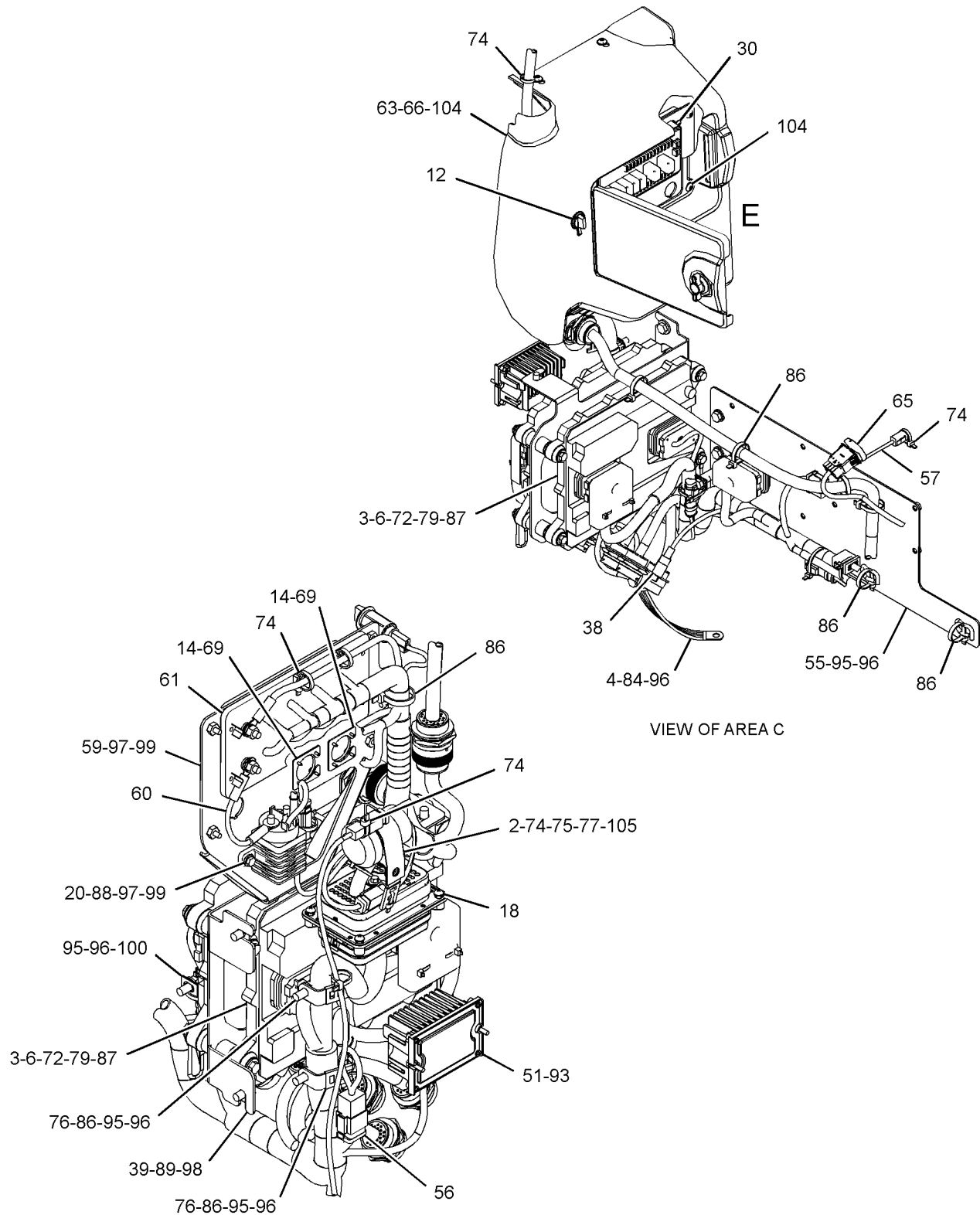
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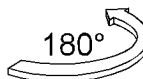
ELECTRICAL AND STARTING SYSTEM

358-6986 WIRING GP-CAB (contd.)

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VIEW OF AREA E
(PARTS REMOVED FOR CLARITY)



GRAPHIC #3

<END>

g02421120

ELECTRICAL AND STARTING SYSTEM

363-0622 WIRING GP-ELECTRONIC CONTROL

S/N: T4R1-UP

PART OF 362-8784 MODULE AR-CLEAN EMISSIONS

SMCS-1408, 1900

i04217653

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	143-9607	1	STRAP						
	2	1	267-4211	1	SPACER (8.8X16X15-MM THK)						
	3	1	290-1993	71	STRAP-CABLE						
	4	1	295-6238	1	WIRE AS-IGNITION						
	5	1	315-0225	1	CLAMP-WIRE						
	6	1	334-9644	4	SLEEVE						
					(EACH INCLUDES)						
E		1	332-7558		SLEEVE (15-CM)						
	7	1	334-9645	10	SLEEVE						
					(EACH INCLUDES)						
E		1	332-7558		SLEEVE (8-CM)						
	8	1	341-4176	1	SENSOR GP-TEMPERATURE						
					(DPF INLET, FLAME DETECT)						
	9	1	342-9070	1	MODULE AS (AFTERTREATMENT IDENTIFICATION)						
D		1	5P-5677		WIRE (18-GA, BLACK) (0.2-M)						
		1	8T-8729	6	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	281-8812	1	RECEPTACLE AS-CONNECTOR						
	10	1	344-2769	2	STUD						
	11	1	344-5516	1	PLATE						
	12	1	344-5518	1	PLATE						
	13	1	344-8949	1	SLEEVE						
E		1	326-3570		INSULATION (18-CM)						
	14	1	344-8950	1	SLEEVE						
E		1	324-9708		INSULATION (8-CM)						
	15	1	352-4756	1	WIRE AS-HEATER						
	16	1	355-8808	2	SLEEVE						
					(EACH INCLUDES)						
E		1	332-7558		SLEEVE (9-CM)						
	17	1	363-0614	1	PLATE						
	18	1	363-0625	1	HARNESS AS-CEM						
		1	3E-6446	1	CAP AS-CONNECTOR						
		1	110-6844	1	SEAL						
E		1	193-6910		INSULATION (296-CM)						
E		1	324-9702		INSULATION (219-CM)						
		1	9X-3401	25	PIN-CONNECTOR (16-GA TO 18-GA)						
					-OR-						
		1	126-1767	25	PIN-CONNECTOR (14-GA TO 16-GA)						
		1	240-7876	2	PLUG AS-CONNECTOR (2-PIN)						
					(EACH INCLUDES)						
		1	264-7029	1	SEAL-CONNECTOR						
		1	240-7877	1	PLUG AS-CONNECTOR (2-PIN)						
		1	264-7029	1	SEAL-CONNECTOR						
		1	240-7878	3	PLUG AS-CONNECTOR (3-PIN)						
					(EACH INCLUDES)						
		1	264-7030	1	SEAL-CONNECTOR						
		1	240-7879	1	PLUG AS-CONNECTOR (3-PIN)						
		1	264-7030	1	SEAL-CONNECTOR						
		1	261-0524	1	PLUG AS-CONNECTOR (4-PIN)						
		1	264-7031	1	SEAL-CONNECTOR						
		1	281-3119	1	PLUG AS-CONNECTOR (3-PIN)						
		1	264-7030	1	SEAL-CONNECTOR						
		1	281-3120	1	PLUG AS-CONNECTOR (3-PIN)						
		1	264-7030	1	SEAL-CONNECTOR						
		1	281-3134	1	PLUG AS-CONNECTOR (6-PIN)						
		1	264-7032	1	SEAL-CONNECTOR						
		1	281-3395	1	PLUG AS-CONNECTOR (12-PIN)						

ELECTRICAL AND STARTING SYSTEM

363-0622 WIRING GP-ELECTRONIC CONTROL (contd.)

i04217653

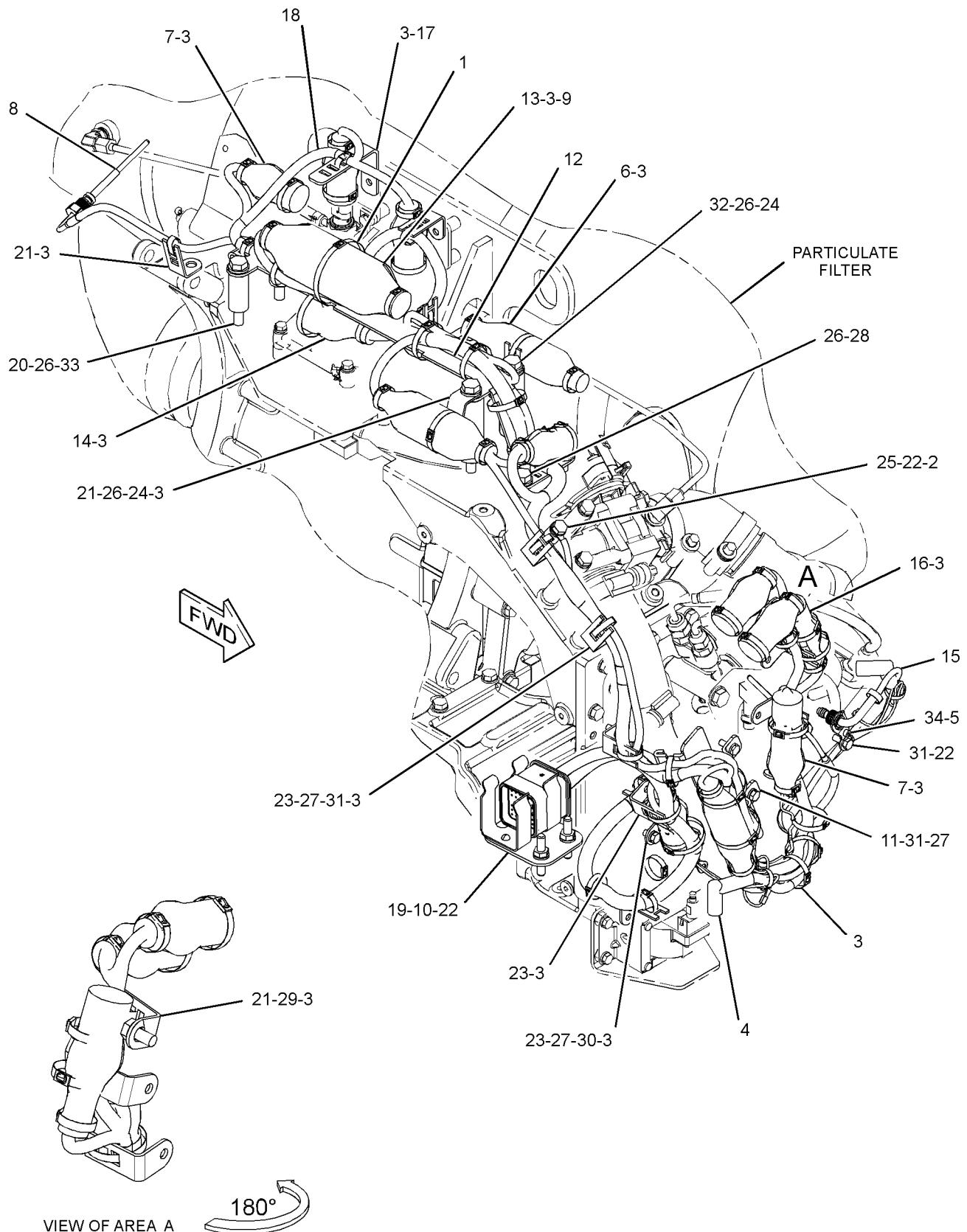
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	264-7034	1	SEAL-CONNECTOR						
		1	281-3125	1	PLUG AS-CONNECTOR (4-PIN)						
		1	264-7031	1	SEAL-CONNECTOR						
		1	281-3132	1	PLUG AS-CONNECTOR (6-PIN)						
		1	264-7032	1	SEAL-CONNECTOR						
		1	8T-8737	23	PLUG-SEAL						
		1	9X-3402	48	SOCKET-CONNECTOR (16-GA TO 18-GA)						
					-OR-						
		1	126-1768	48	SOCKET-CONNECTOR (14-GA TO 16-GA)						
B		1	268-4412		TAPE-INSULATOR						
		1	2L-8078	1	TERMINAL-RING (14-GA TO 16-GA, 5/16-IN SCREW)						
E		1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (10-CM)						
E		1	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (7-CM)						
	19	1	364-8334	1	PLATE AS						
M	20	1	196-6723	2	BOLT (M10X1.5X70-MM)						
	21	1	285-6395	4	CLIP						
	22	1	311-8366	5	WASHER-HARD (8.8X16X2-MM THK)						
	23	1	341-3624	12	CLIP						
	24	1	344-1191	2	BOLT (M10X1.5X100-MM)						
M	25	1	344-1193	1	BOLT (M8X1.25X25-MM)						
	26	1	344-1199	6	WASHER-HARD (11X21X2.5-MM THK)						
	27	1	344-1200	8	WASHER-HARD (6.6X12X2-MM THK)						
	28	1	344-1201	2	BOLT (M10X1.5X20-MM)						
	29	1	344-1203	1	BOLT (M8X1.25X16-MM)						
	30	1	344-1205	1	BOLT (M6X1X12-MM)						
M	31	1	344-1206	8	BOLT (M6X1X16-MM)						
	32	1	346-9081	2	SPACER (11X26X75-MM THK)						
	33	1	346-9082	2	SPACER (11X26X45-MM THK)						
M	34	1	8T-9405	1	BOLT-SOCKET HEAD (M4X0.7X16-MM)						

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

ELECTRICAL AND STARTING SYSTEM

363-0622 WIRING GP-ELECTRONIC CONTROL (contd.)

i04217653



GRAPHIC #1

<END>

g02419065

ELECTRICAL AND STARTING SYSTEM

363-0657 WIRING GP-ELECTRONIC CONTROL

S/N: TXL1-UP; L4X1-UP

PROVIDES AN EXTERNAL WIRING GP WITH NON IVA AND OFFSET ECM.

PART OF 365-3722 ENGINE AR-COMplete

FOR USE WITH MOUNTING GP-BULKHEAD, CONTROL MOUNTING GP (OFFSET), INTERNAL WIRING GP, WIRING GP-CONTROL(FUEL), SENSOR GP, MOUNTING GP-WIRING, OFFSET ECM, WITH OR WITHOUT BRAKES. CANNOT BE USED WITH STANDARD ECM, IVA

SMCS-1408, 1900

i04280534

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1, 2	3S-2093	11	STRAP-CABLE	
	2	1	6K-0806	1	STRAP-CABLE	
	3	1, 2	7K-1181	8	STRAP-CABLE	
	4	2	206-1346	6	STRAP-CABLE	
	5	2	290-5562	1	MOUNT (DUAL SWIVEL)	
	6	1, 2	316-9351	5	MOUNTING-CABLE TIE	
	7	1	335-2284	1	BRACKET AS	
M		1	8T-3612	1	NUT-WELD (M8X1.25-THD)	
	8	2	346-5638	1	BRACKET AS	
M		2	8T-3612	1	NUT-WELD (M8X1.25-THD)	
	9	2	351-0590	1	BRACKET	
	10	1	366-9476	1	HARNESS AS-ENGINE	
		1	366-9477	1	COVER AS	
		1	3S-2093	7	STRAP-CABLE	
		1	6K-0806	7	STRAP-CABLE	
		1	368-5645	1	HARNESS AS-ENGINE	
		1	3S-2093	20	STRAP-CABLE	
		1	6K-0806	1	STRAP-CABLE	
		1	368-5649	1	HARNESS AS-ENGINE	
		1	1S-9593	6	STRAP-CABLE	
		1	3E-6446	1	CAP AS-CONNECTOR	
		1	110-6844	1	SEAL	
		1	3S-2093	3	STRAP-CABLE	
		1	8T-8737	63	PLUG-SEAL	
E		1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (60-CM)	
E		1	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (5-CM)	
		1	9X-3402	142	SOCKET-CONNECTOR (16-GA TO 18-GA)	
					-OR-	
		1	126-1768	142	SOCKET-CONNECTOR (14-GA TO 16-GA)	
		1	134-2540	1	RESISTOR AS-CONNECTION (3-PIN)	
		1	9X-3401	44	PIN-CONNECTOR (16-GA TO 18-GA)	
					-OR-	
		1	126-1767	44	PIN-CONNECTOR (14-GA TO 16-GA)	
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2256	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)	
		1	174-0503	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)	
		1	1P-0810		TAPE-ELECTRICAL (34-CM)	
		1	230-4009	1	PLUG AS-CONNECTOR (12-PIN)	
		1	264-7034	1	SEAL-CONNECTOR	
		1	230-4011	4	PLUG AS-CONNECTOR (2-PIN)	
					(EACH INCLUDES)	
		1	264-7029	1	SEAL-CONNECTOR	
		1	230-4013	1	PLUG AS-CONNECTOR (3-PIN)	
		1	264-7030	1	SEAL-CONNECTOR	
		1	230-5011	1	RECEPTACLE AS-CONNECTOR (6-PIN)	
		1	237-0227	2	PLUG AS-CONNECTOR (3-PIN)	
					(EACH INCLUDES)	
		1	264-7030	1	SEAL-CONNECTOR	

ELECTRICAL AND STARTING SYSTEM

363-0657 WIRING GP-ELECTRONIC CONTROL (contd.)

i04280534

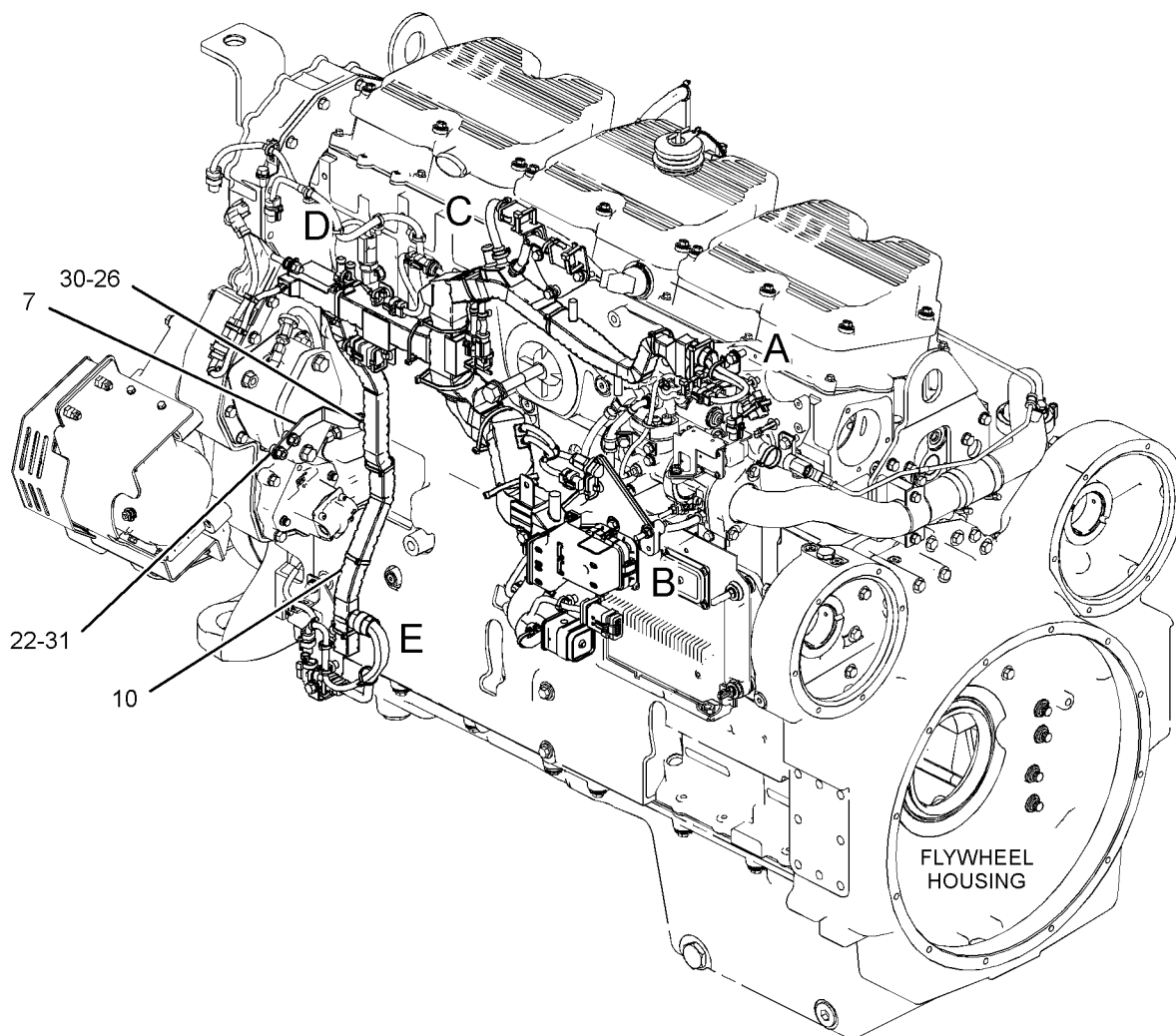
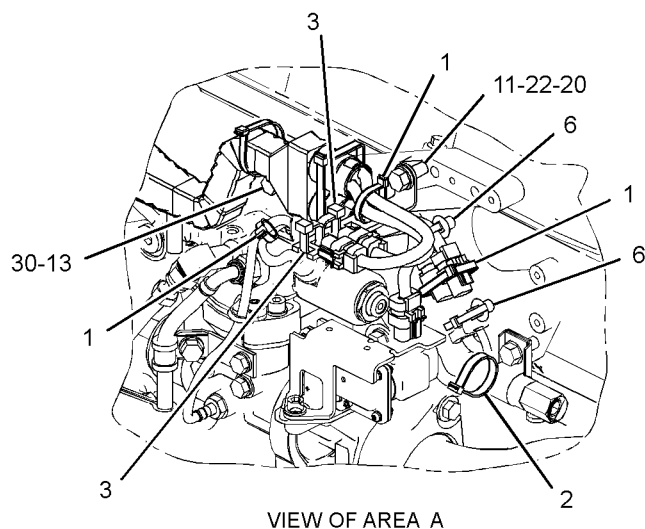
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	238-8247	1						PLUG AS-CONNECTOR (2-PIN)	
		1	264-7029	1						SEAL-CONNECTOR	
		1	239-7356	1						PLUG AS-CONNECTOR (12-PIN)	
		1	264-7034	1						SEAL-CONNECTOR	
		1	239-7357	1						RECEPTACLE AS-CONNECTOR (12-PIN)	
		1	264-5732	1						PLUG AS-CONNECTOR (120-PIN)	
		1	288-7324	1						SEAL-CONNECTOR	
		1	274-3774	1						CAP-CONNECTOR	
		1	281-8801	1						PLUG AS-CONNECTOR (2-PIN)	
		1	264-7029	1						SEAL-CONNECTOR	
		1	281-8803	1						PLUG AS-CONNECTOR (3-PIN)	
		1	264-7030	1						SEAL-CONNECTOR	
		1	281-8804	2						PLUG AS-CONNECTOR (3-PIN)	
										(EACH INCLUDES)	
		1	264-7030	1						SEAL-CONNECTOR	
		1	289-3584	2						PLUG AS-CONNECTOR	
										(EACH INCLUDES)	
		1	8T-8737	6						PLUG-SEAL	
		1	230-5010	1						PLUG AS-CONNECTOR (6-PIN)	
		1	264-7032	1						SEAL-CONNECTOR	
E		1	289-5150							SLEEVE (264-CM)	
		1	290-5562	1						MOUNT (DUAL SWIVEL)	
E		1	307-2338							SLEEVE (97-CM)	
E		1	317-1204							SLEEVE (30-CM)	
	11	1	0L-1351	1						BOLT (3/8-16X0.875-IN)	
	12	2	0S-0509	1						BOLT (3/8-16X0.75-IN)	
	13	1	0S-1617	1						BOLT (5/16-18X0.75-IN)	
	14	2	0S-2353	1						BOLT (5/8-18X3.75-IN)	
	15	2	0T-0102	1						BOLT (3/8-16X0.625-IN)	
	16	2	129-3172	1						STUD-MOUNTING (3/8-16X1.564-IN)	
	17	2	132-5789	1						CLIP	
	18	2	1A-9579	1						BOLT (5/16-18X1.5-IN)	
	19	2	237-3759	1						STUD (5/16-18X2.36-IN)	
	20	1	277-1873	1						CLIP	
	21	2	4B-3388	2						BOLT (5/16-18X1.125-IN)	
	22	1, 2	5M-2894	5						WASHER-HARD (10.2X18.5X2.5-MM THK)	
	23	2	5P-8247	1						WASHER-HARD (17X32X3.5-MM THK)	
	24	2	5S-0003	1						NUT (5/16-18-THD)	
M	25	2	6V-3940	1						BOLT (M8X1.25X25-MM)	
M	26	1, 2	6V-5215	2						BOLT (M8X1.25X16-MM)	
	27	2	6V-8801	1						NUT (3/8-16-THD)	
	28	2	8T-4224	1						WASHER-HARD (8.8X16X2-MM THK)	
	29	2	8T-4896	2						WASHER-HARD (10.2X18.5X2.5-MM THK)	
	30	1, 2	9M-1974	8						WASHER-HARD (8.8X16X2-MM THK)	
	31	1	9S-8752	2						NUT-FULL (3/8-16-THD)	

E-ORDER BY THE CENTIMETER
M-METRIC PART

ELECTRICAL AND STARTING SYSTEM

363-0657 WIRING GP-ELECTRONIC CONTROL (contd.)

i04280534



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

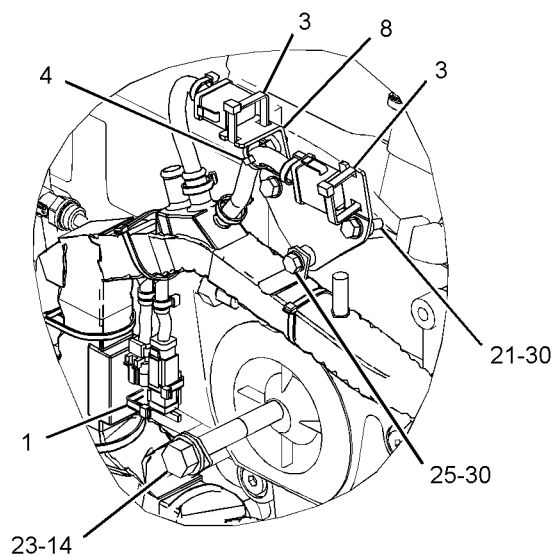
GRAPHIC #1

g02385861

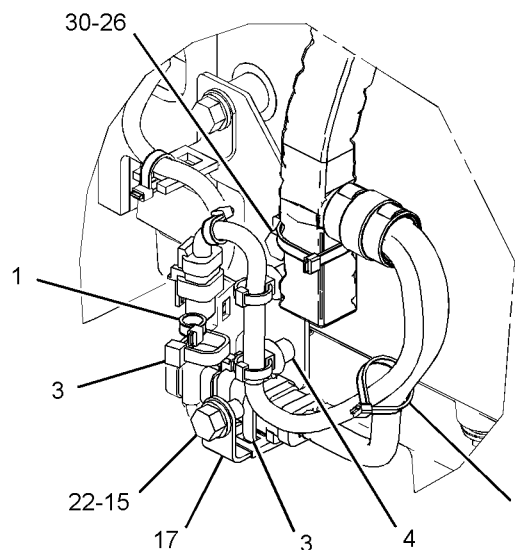
ELECTRICAL AND STARTING SYSTEM

363-0657 WIRING GP-ELECTRONIC CONTROL (contd.)

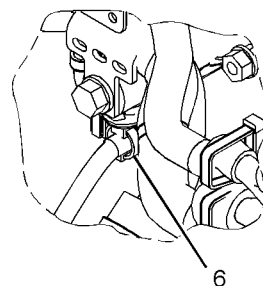
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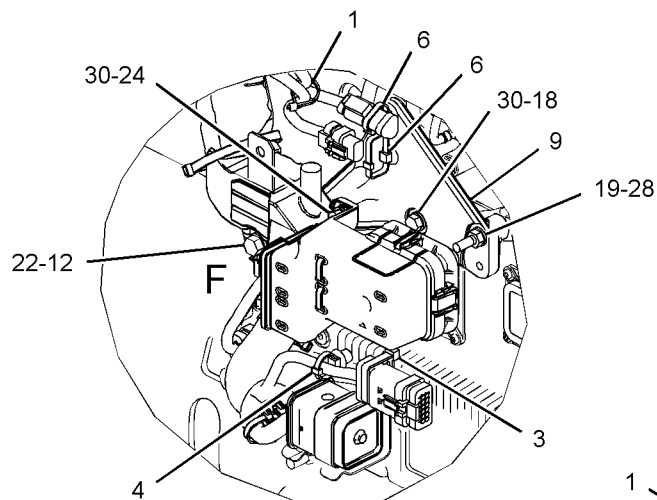
VIEW OF AREA C



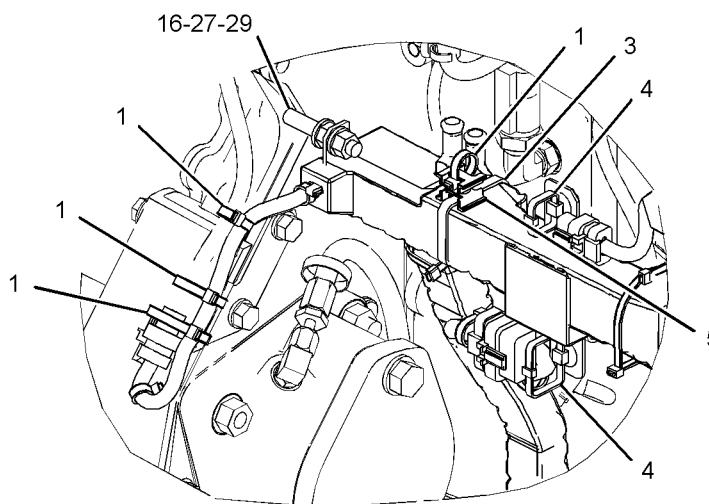
VIEW OF AREA E



VIEW OF AREA F
(PARTS REMOVED FOR CLARITY)



VIEW OF AREA B



VIEW OF AREA D

GRAPHIC #2

<END>

g02386096

ELECTRICAL AND STARTING SYSTEM

291-8783 WIRING GP-FRONT

S/N: T4R1-UP

PART OF 291-8668 ELECTRICAL AR

SMCS-1408

i04169594

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3S-2093	14	STRAP-CABLE	
	2	1	6U-2703	1	BRACKET-ANGLE	
	3	1	326-4516	9	TIE-CABLE	
	4	1	336-2818	1	HARNESS AS-WIRING (CLEAN EMISSIONS MODULE)	
		1	8T-8729	5	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	9W-0852	2	PIN-CONNECTOR (14-GA TO 16-GA)	
		1	110-6845	2	PLUG AS-CONNECTOR (40-PIN)	
					(EACH INCLUDES)	
		1	110-6844	1	SEAL	
		1	174-0503	1	KIT-CONNECTING PLUG (3-PIN)	
					(INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
		1	230-5010	1	PLUG AS-CONNECTOR (6-PIN)	
		1	264-7032	1	SEAL-CONNECTOR	
		1	8T-8737	29	PLUG-SEAL	
		1	102-8806	1	KIT-RECEPTACLE (8-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	134-2540	1	RESISTOR AS-CONNECTION (3-PIN)	
		1	9X-3402	4	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		1	8T-8730	52	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		1	126-1768	3	SOCKET-CONNECTOR (14-GA TO 16-GA)	
E		1	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (7-CM)	
E		1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (15-CM)	
	5	1	336-2819	1	HARNESS AS-WIRING (AIR, FUEL, START AID)	
		1	8T-8729	9	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	9W-0852	3	PIN-CONNECTOR (14-GA TO 16-GA)	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
		1	281-8801	1	PLUG AS-CONNECTOR (2-PIN)	
		1	264-7029	1	SEAL-CONNECTOR	
		1	230-4011	1	PLUG AS-CONNECTOR (2-PIN)	
		1	264-7029	1	SEAL-CONNECTOR	
		1	238-8245	1	PLUG AS-CONNECTOR (2-PIN)	
		1	264-7029	1	SEAL-CONNECTOR	
		1	281-8803	1	PLUG AS-CONNECTOR (3-PIN)	
		1	264-7030	1	SEAL-CONNECTOR	
		1	8T-8737	1	PLUG-SEAL	
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	274-3780	1	CAP-SEAL	
		1	9X-3402	9	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		1	8T-8730	4	SOCKET-CONNECTOR (16-GA TO 18-GA)	
E		1	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (5-CM)	
Y	6	1	341-3683	1	WIRING GP-FRONT	332
	7	1	342-2717	1	PLATE AS	
		1	7T-1099	1	LINK	
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)	
	8	1	342-2718	1	PLATE	
	9	1	344-1199	2	WASHER-HARD (11X21X2.5-MM THK)	
	10	1	344-5675	1	NUT (M10X1.5-THD)	
	11	1	349-0951	3	CLIP	
Y	12	1	357-5354	1	SENSOR GP-SOOT (EXHAUST)	286
	13	1	183-7121	1	BOLT (M10X1.5X35-MM)	
M	14	1	186-0815	2	BOLT (M6X1X20-MM)	

ELECTRICAL AND STARTING SYSTEM

291-8783 WIRING GP-FRONT (contd.)

i04169594

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	15	1	341-3624	2	CLIP						
	16	1	4P-7581	1	CLIP						
	17	1	4P-8134	1	CLIP						
M	18	1	5C-2890	2	NUT (M6X1-THD)						
M	19	1	5C-7261	1	NUT (M8X1.25-THD)						
	20	1	5P-4116	2	WASHER-HARD (8.8X20.5X2-MM THK)						
	21	1	6D-4246	10	CLIP						
	22	1	6V-3265	2	CLIP						
	23	1	7C-4354	1	CLIP						
	24	1	8T-4121	10	WASHER-HARD (11X21X2.5-MM THK)						
M	25	1	8T-4133	2	NUT (M10X1.5-THD)						
M	26	1	8T-4136	6	BOLT (M10X1.5X25-MM)						
M	27	1	8T-4195	2	BOLT (M10X1.5X30-MM)						
M	28	1	8T-4971	2	BOLT (M6X1X30-MM)						
	29	1	9X-8256	4	WASHER (6.6X12X2-MM THK)						

E-ORDER BY THE CENTIMETER

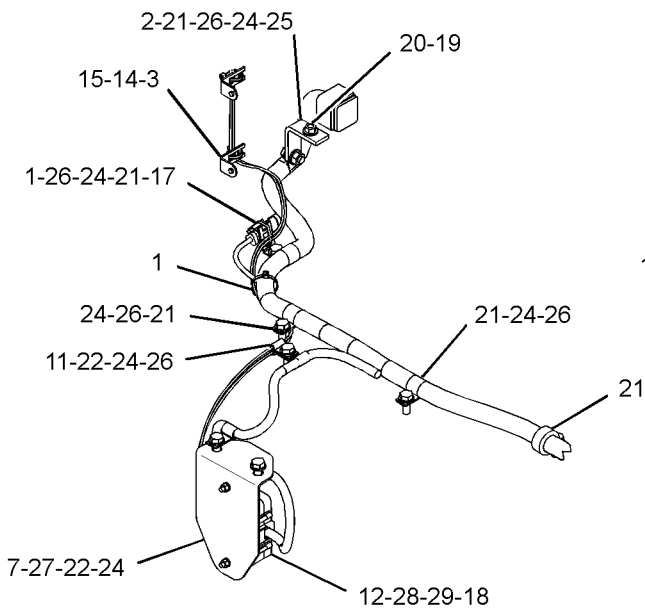
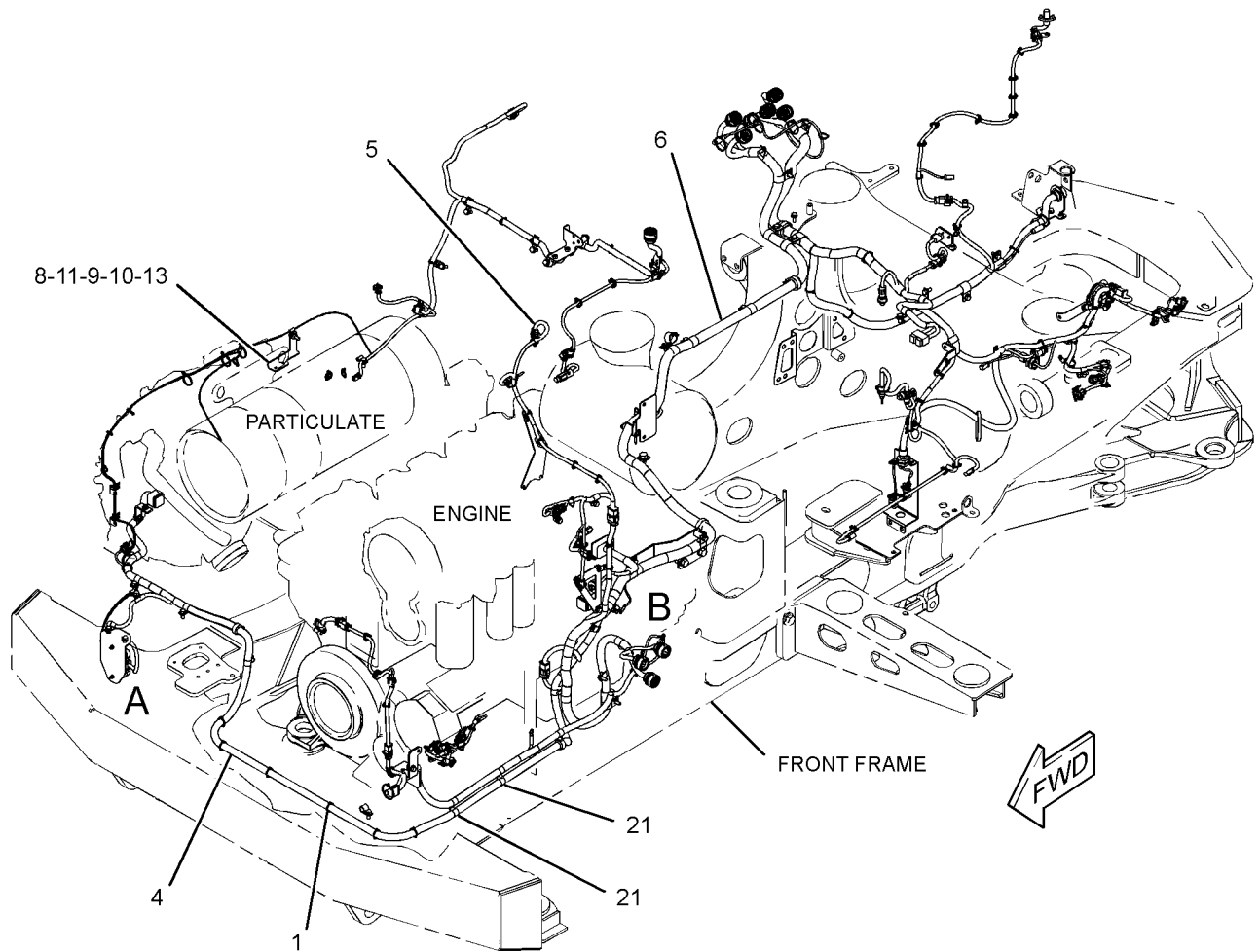
M-METRIC PART

Y-SEPARATE ILLUSTRATION

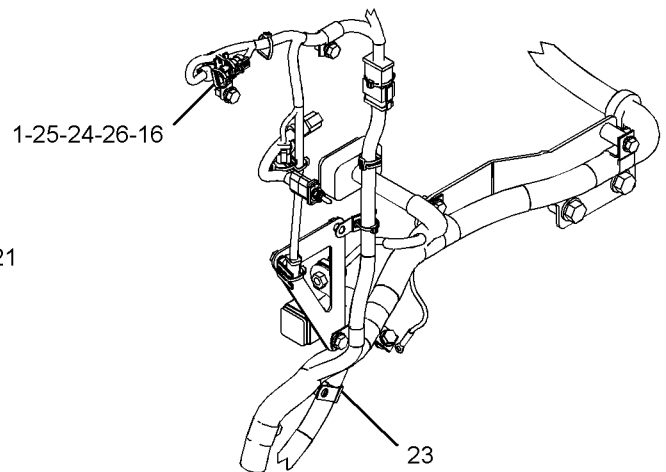
ELECTRICAL AND STARTING SYSTEM

291-8783 WIRING GP-FRONT (contd.)

i04169594



VIEW OF AREA A



VIEW OF AREA B

GRAPHIC #1

<END>

g02396167

ELECTRICAL AND STARTING SYSTEM

341-3683 WIRING GP-FRONT

S/N: T4R1-UP

PART OF 291-8783 WIRING GP-FRONT

SMCS-1408

i04169641

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	3	3E-6451	1	SWITCH GP-TEMPERATURE (FRONT BRAKE)	
		3	8T-8729	2	PIN-CONNECTOR (16-GA TO 18-GA)	
		3	102-8802	1	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
	2	1, 2, 3	3S-2093	119	STRAP-CABLE	
	3	3	6U-0455	1	STRAP	
	4	3	091-9035	1	SPACER (11X25X20-MM THK)	
Y	5	2	102-2240	1	SENSOR GP-TEMPERATURE (OUTPUT TRANSFER GEAR OIL)	291
	6	1	114-5333	1	SWITCH AS-PRESSURE (ALTERNATOR AIR)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
		1	8T-8729	2	PIN-CONNECTOR (16-GA TO 18-GA)	
	7	2	145-5181	1	SPACER (13.5X25X12-MM THK)	
	8	3	154-0273	1	CLIP	
Y	9	2	165-5970	1	SWITCH GP-TOGGLE (FUEL PRIMING PUMP)	309
	10	1	189-3158	1	SUPPRESSOR-ARC	
Y	11	2	234-5013	1	SENSOR GP-TEMPERATURE (FUEL)	293
	12	3	256-6453	1	SENSOR AS-TEMPERATURE (TRANSMISSION OIL)	
Y	13	1	264-0148	2	SENSOR GP-SPEED (FAN)	288
	14	3	313-5104	1	SWITCH AS-PRESSURE (PRIMARY STEERING OIL)	
		3	102-8803	1	KIT-RECEPTACLE (3-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
		3	8T-8729	3	PIN-CONNECTOR (16-GA TO 18-GA)	
E		3	9X-1813		SLEEVE (28-CM)	
	15	1	320-3063	1	SENSOR GP-PRESSURE (FUEL LEVEL)	
	16	3	333-8538	1	SENSOR AS-SPEED (ACCELEROMETER)	
		3	9X-3401	6	PIN-CONNECTOR (16-GA TO 18-GA) -OR-	
		3	126-1767	6	PIN-CONNECTOR (14-GA TO 16-GA)	
		3	102-8805	1	KIT-RECEPTACLE (6-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
E		3	292-2654		SLEEVE (27-CM)	
D		3	5P-5677		WIRE (18-GA, BLACK) (1.6-M)	
	17	1	336-2808	1	HARNESS AS-FRONT CHASSIS	
		1	8T-8729	17	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	9W-0852	6	PIN-CONNECTOR (14-GA TO 16-GA)	
		1	8T-8737	90	PLUG-SEAL	
		1	8T-8730	49	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		1	9W-0844	30	SOCKET-CONNECTOR (14-GA TO 16-GA)	
E		1	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (20-CM)	
	18	1	336-2811	1	HARNESS AS-CHASSIS (TRANSMISSION)	
		1	155-2265	1	KIT-CONNECTING PLUG (8-PIN)	
		1	155-2270	3	KIT-CONNECTING PLUG (2-PIN) (EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
		1	231-2295	1	PLUG AS-CONNECTOR (8-PIN)	
		1	264-7033	1	SEAL-CONNECTOR	
		1	272-2838	1	PLUG AS	
		1	8T-8737	15	PLUG-SEAL	
		1	274-3784	1	CAP-SEAL	
		1	274-3778	1	CAP-SEAL	
		1	8T-8730	28	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		1	9W-0844	4	SOCKET-CONNECTOR (14-GA TO 16-GA)	
		1	9X-3402	6	SOCKET-CONNECTOR (16-GA TO 18-GA)	
E		1	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (7-CM)	

ELECTRICAL AND STARTING SYSTEM

341-3683 WIRING GP-FRONT (contd.)

i04169641

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
E	19	1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (10-CM)						
		1	336-2812	1	HARNESS AS-WIRING (COOLING FAN)						
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
		1	155-2271	1	KIT-CONNECTING PLUG (4-PIN)						
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)						
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
		1	8T-8737	2	PLUG-SEAL						
		1	8T-8730	10	SOCKET-CONNECTOR (16-GA TO 18-GA)						
20	1	336-2820	1	HARNESS AS-SENSOR (ALTERNATOR)							
	1	155-2270	3	KIT-CONNECTING PLUG (2-PIN)							
				(INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)							
	1	230-5010	1	PLUG AS-CONNECTOR (6-PIN)							
	1	264-7032	1	SEAL-CONNECTOR							
		1	8T-8737	2	PLUG-SEAL						
		1	9W-0844	6	SOCKET-CONNECTOR (14-GA TO 16-GA)						
		1	9X-3402	4	SOCKET-CONNECTOR (16-GA TO 18-GA)						
E	21	1	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (10-CM)						
		1	336-2821	1	HARNESS AS-SENSOR (ATAAC)						
		1	8T-8729	5	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	155-2270	1	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	2	PLUG-SEAL						
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	8T-8730	5	SOCKET-CONNECTOR (16-GA TO 18-GA)						
22	1	337-6318	1	HARNESS AS-SENSOR (WHEEL SPEED)							
	1	5P-5777	2	ADAPTER-O-RING							
	1	344-1612	1	HOSE AS							
	1	2P-1286	2	LOCKNUT-BULKHEAD (1-5/16-12-THD)							
	1	8T-8729	6	PIN-CONNECTOR (16-GA TO 18-GA)							
I		1	240-7878	2	PLUG AS-CONNECTOR (3-PIN)						
					(EACH INCLUDES)						
		1	264-7030	1	SEAL-CONNECTOR						
		1	151-9275	1	KIT-RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	9X-3402	6	SOCKET-CONNECTOR (16-GA TO 18-GA)						
					-OR-						
		1	126-1768	6	SOCKET-CONNECTOR (14-GA TO 16-GA)						
B		1	1P-0810		TAPE-ELECTRICAL						
	23	2	342-2713	1	PLATE AS						
M		2	8T-3490	2	NUT-WELD (M10X1.5-THD)						
M		2	8T-3612	2	NUT-WELD (M8X1.25-THD)						
	24	3	342-2721	1	PLATE AS						
		3	7T-1099	2	LINK						
	25	3	342-9212	1	HARNESS AS-SWITCH (STEERING)						
		3	8T-8729	2	PIN-CONNECTOR (16-GA TO 18-GA)						
		3	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
					(INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
		3	8T-8737	1	PLUG-SEAL						
		3	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		3	8T-8730	2	SOCKET-CONNECTOR (16-GA TO 18-GA)						
	26	2	344-7391	1	SENSOR GP-PRESSURE (BRAKE OIL)						
	26A	3	344-7391	1	SENSOR GP-PRESSURE (DIFFERENTIAL LOCK)						
	27	2	344-9369	1	PLATE AS						

ELECTRICAL AND STARTING SYSTEM

341-3683 WIRING GP-FRONT (contd.)

i04169641

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	28	2	351-2220	1	BRACKET AS	
		2	7T-1099	2	LINK	
	29	2	352-3357	1	PLATE AS	
M		2	6V-8224	2	NUT-WELD (M10X1.5-THD)	
M		2	8Y-4489	1	BOSS (M10X1.5-THD)	
	30	1, 3	357-9581	2	PLATE AS	
M		1, 3	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	31	3	358-4966	1	BRACKET	
	32	3	358-9890	1	PLATE AS	
M		3	159-9540	1	NUT-WELD (M8X1.25-THD)	
	33	1	359-1808	1	BRACKET AS	
		1	7T-1099	1	LINK	
M		1	8T-3612	1	NUT-WELD (M8X1.25-THD)	
	34	3	359-7625	1	BRACKET AS	
M		3	6V-9632	1	NUT-WELD (M6X1-THD)	
M		3	8T-3612	2	NUT-WELD (M8X1.25-THD)	
	35	1	368-7777	1	HARNESS AS-TRANSMISSION	
		1	180-9214	1	NUT (1-11/16-18-THD)	
		1	8T-8729	60	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	9W-0852	8	PIN-CONNECTOR (14-GA TO 16-GA)	
		1	7X-6222	1	PLUG AS-CONNECTOR (24-PIN)	
M		1	3E-8558	1	BOLT (M5X0.8X39.37-MM)	
		1	3E-4367	1	RING-RETAINING	
		1	9X-3265	2	SEAL-CONNECTOR (24-PIN)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	6	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2274	2	KIT-CONNECTING PLUG (6-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
		1	230-4013	1	PLUG AS-CONNECTOR (3-PIN)	
		1	264-7030	1	SEAL-CONNECTOR	
		1	8T-8737	34	PLUG-SEAL	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)	
		1	102-8806	1	KIT-RECEPTACLE (8-PIN)	
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)	
		1	272-2840	1	RECEPTACLE AS-CONNECTOR (31-PIN)	
		1	9X-3506	1	RESISTOR	
		1	8T-8730	88	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		1	9W-0844	10	SOCKET-CONNECTOR (14-GA TO 16-GA)	
		1	9X-3402	3	SOCKET-CONNECTOR (16-GA TO 18-GA)	
E		1	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (20-CM)	
E		1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (10-CM)	
E		1	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (15-CM)	
E		1	125-7876		TUBE-HEAT SHRINK (17.78-MM DIA) (8-CM)	
	36	1	368-7778	1	HARNESS AS-WIRING (OUTPUT TRANSFER GEAR)	
		1	155-2265	1	KIT-CONNECTING PLUG (8-PIN)	
		1	155-2270	2	KIT-CONNECTING PLUG (2-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
		1	230-4013	1	PLUG AS-CONNECTOR (3-PIN)	
		1	264-7030	1	SEAL-CONNECTOR	
		1	8T-8737	1	PLUG-SEAL	
		1	8T-8730	11	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		1	9X-3402	3	SOCKET-CONNECTOR (16-GA TO 18-GA)	
	37	2, 3	132-5789	2	CLIP	
	38	1, 2, 3	149-7738	15	CLIP	
	39	1	228-7100	1	SEAL-O-RING	
	40	1	236-9839	2	BOLT-SOCKET HEAD (M6X1X15-MM)	

ELECTRICAL AND STARTING SYSTEM

341-3683 WIRING GP-FRONT (contd.)

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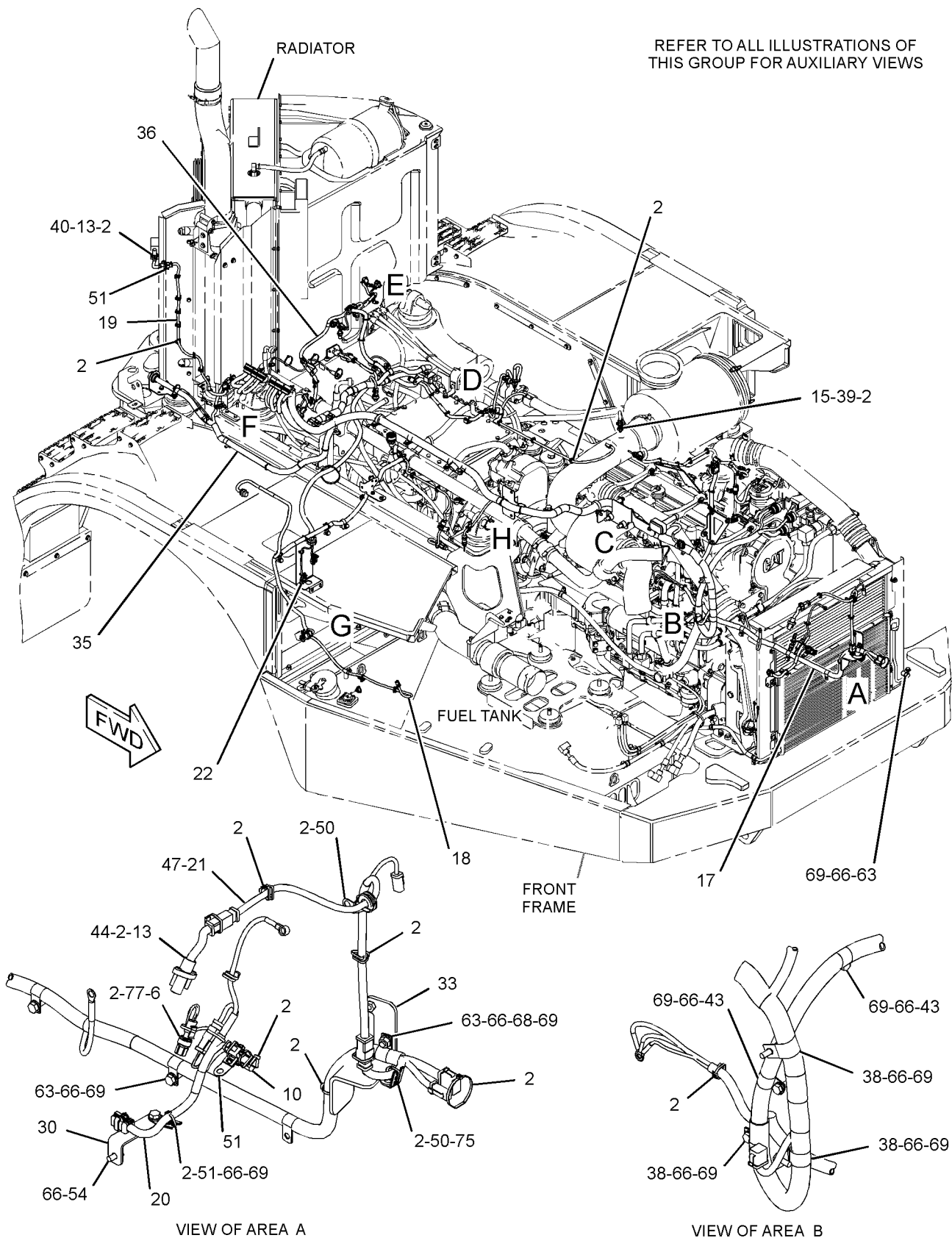
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	41	2, 3	3J-1907	2	SEAL-O-RING						
	42	2, 3	3K-0360	4	SEAL-O-RING						
	43	1	3S-8665	2	CLIP						
M	44	1	3T-0849	2	BOLT-SOCKET HEAD (M6X1X25-MM)						
	45	3	4D-7388	4	CLIP						
	46	3	4D-7794	1	CLIP						
	47	1, 3	4H-2558	2	GROMMET						
	48	3	4K-8864	1	CLIP						
	49	3	4P-7428	1	CLIP						
	50	1, 2, 3	4P-7429	6	CLIP						
	51	1, 2, 3	4P-7581	12	CLIP						
	52	2, 3	4P-8134	9	CLIP						
	53	3	5C-6266	1	BOLT (5/8-11X1-IN)						
	54	1	5M-3062	1	BOLT (3/8-16X0.75-IN)						
	55	3	5P-9297	1	CLIP						
	56	2, 3	6D-3479	4	CLIP						
	57	2, 3	6D-4244	4	CLIP						
	58	3	6D-4246	1	CLIP						
	59	2, 3	7C-4354	1	CLIP						
	60	2	7K-1181	4	STRAP-CABLE						
	61	2	7X-0346	2	BOLT (5/8-11X2-IN)						
	62	3	8M-2770	2	CLIP						
	63	1, 2	8M-2773	6	CLIP						
	64	3	8S-0023	1	CLIP (SLOT)						
	65	3	8S-0024	1	CLIP (TAB)						
	66	1, 2, 3	8T-4121	56	WASHER-HARD (11X21X2.5-MM THK)						
	67	2, 3	8T-4122	3	WASHER-HARD (17X32X3.5-MM THK)						
M	68	1, 2, 3	8T-4133	9	NUT (M10X1.5-THD)						
M	69	1, 2, 3	8T-4136	44	BOLT (M10X1.5X25-MM)						
M	70	3	8T-4137	1	BOLT (M10X1.5X20-MM)						
M	71	3	8T-4138	2	BOLT (M6X1X20-MM)						
M	72	3	8T-4182	1	BOLT (M10X1.5X45-MM)						
M	73	2	8T-4192	1	BOLT (M12X1.75X25-MM)						
M	74	3	8T-4200	1	BOLT (M8X1.25X16-MM)						
	75	1, 2	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						
	76	3	8T-4224	1	WASHER-HARD (8.8X16X2-MM THK)						
	77	1	9X-7378	1	SEAL-O-RING						
	78	3	9X-8256	2	WASHER (6.6X12X2-MM THK)						

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

ELECTRICAL AND STARTING SYSTEM

341-3683 WIRING GP-FRONT (contd.)

i04169641



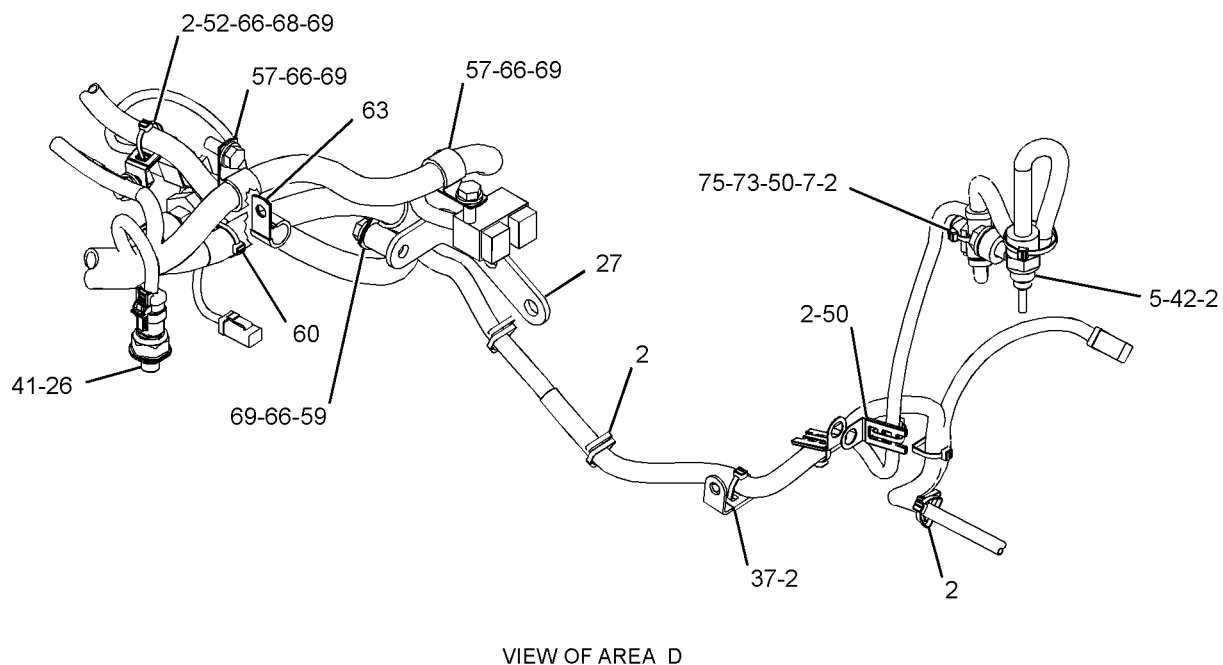
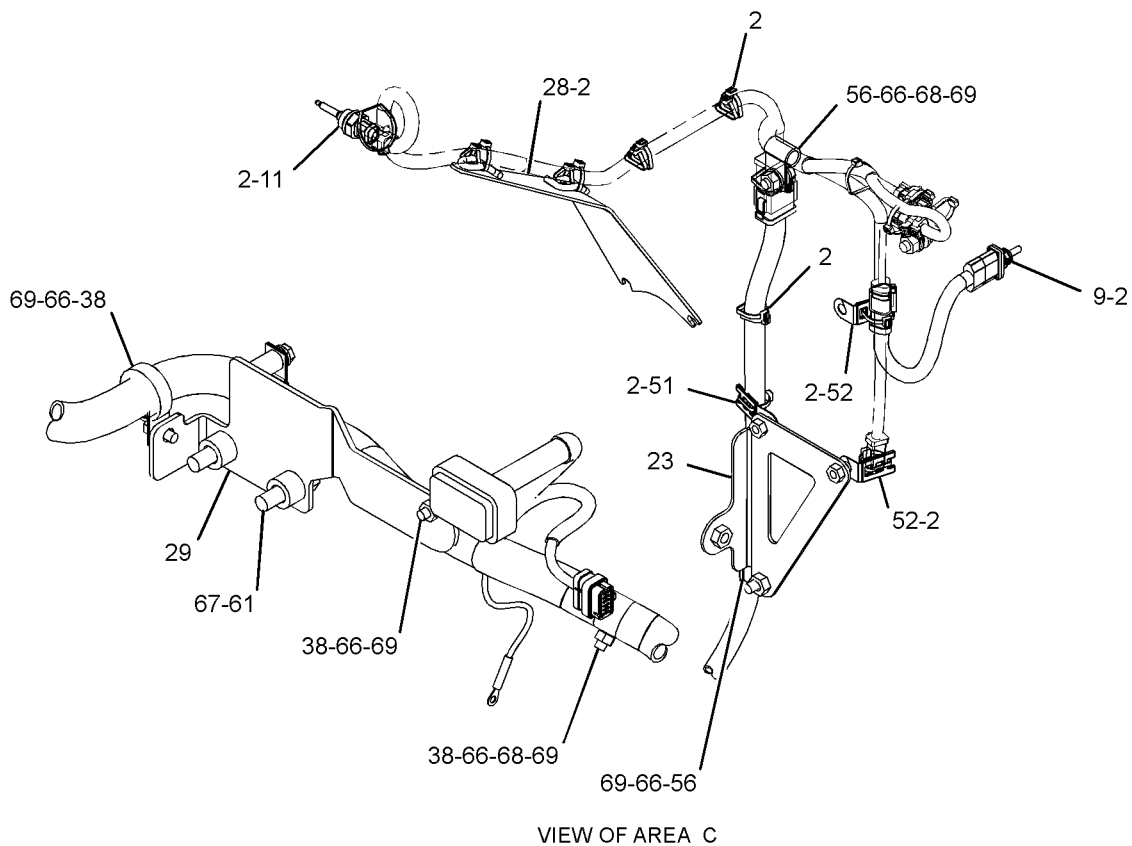
GRAPHIC #1

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ELECTRICAL AND STARTING SYSTEM

341-3683 WIRING GP-FRONT (contd.)

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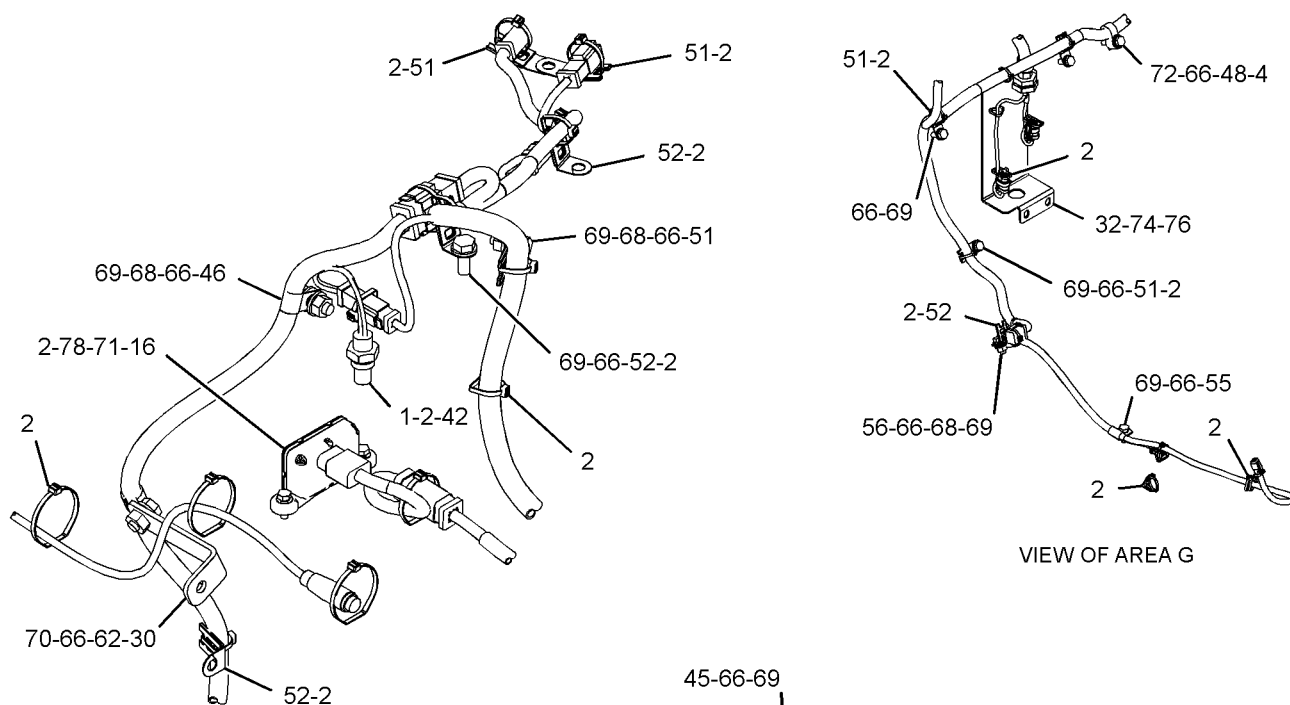
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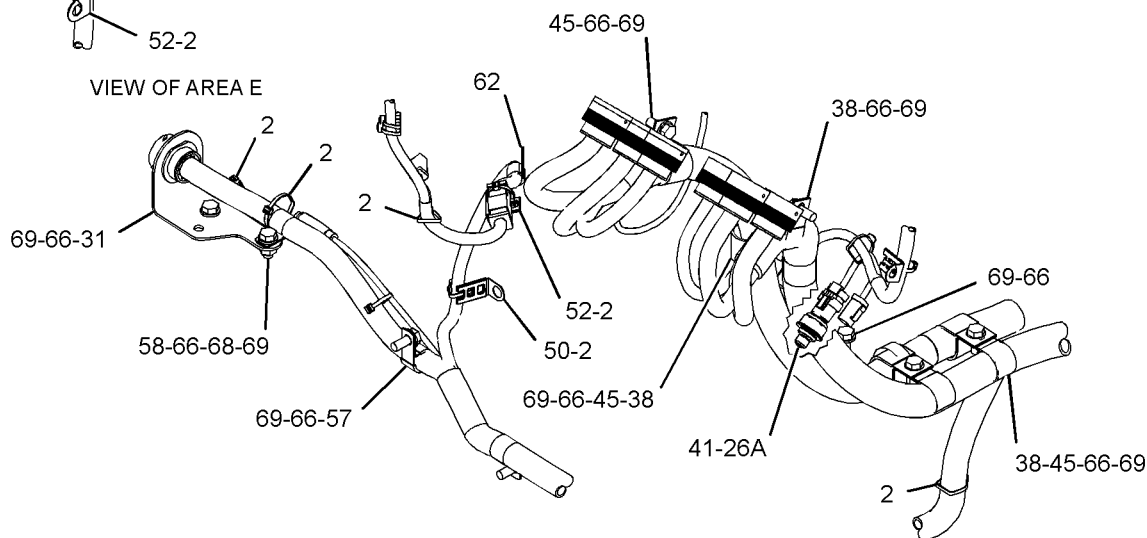
ELECTRICAL AND STARTING SYSTEM

341-3683 WIRING GP-FRONT (contd.)

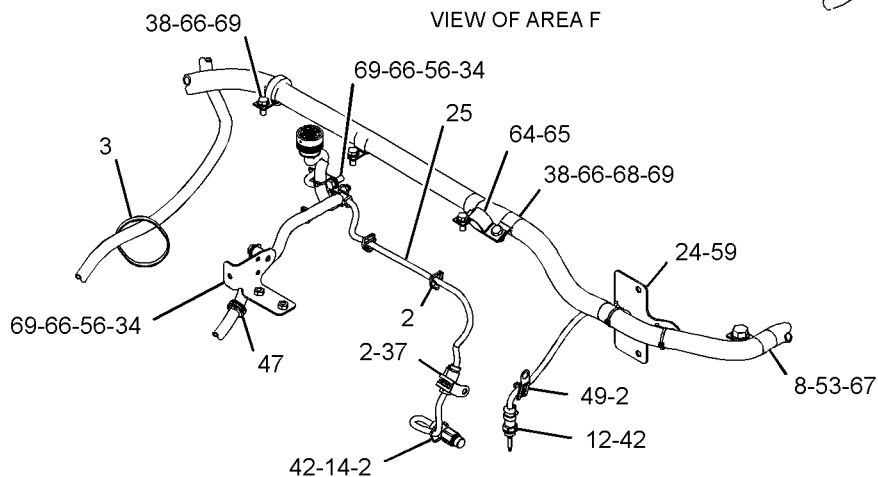
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VIEW OF AREA E



VIEW OF AREA F



VIEW OF AREA H

<END>

GRAPHIC #3

g02425197

ELECTRICAL AND STARTING SYSTEM

328-3984 WIRING GP-LIGHTING

S/N: T4R1-UP

PART OF 291-8962 HOOD GP-ENGINE

SMCS-1408, 1429

i04171163

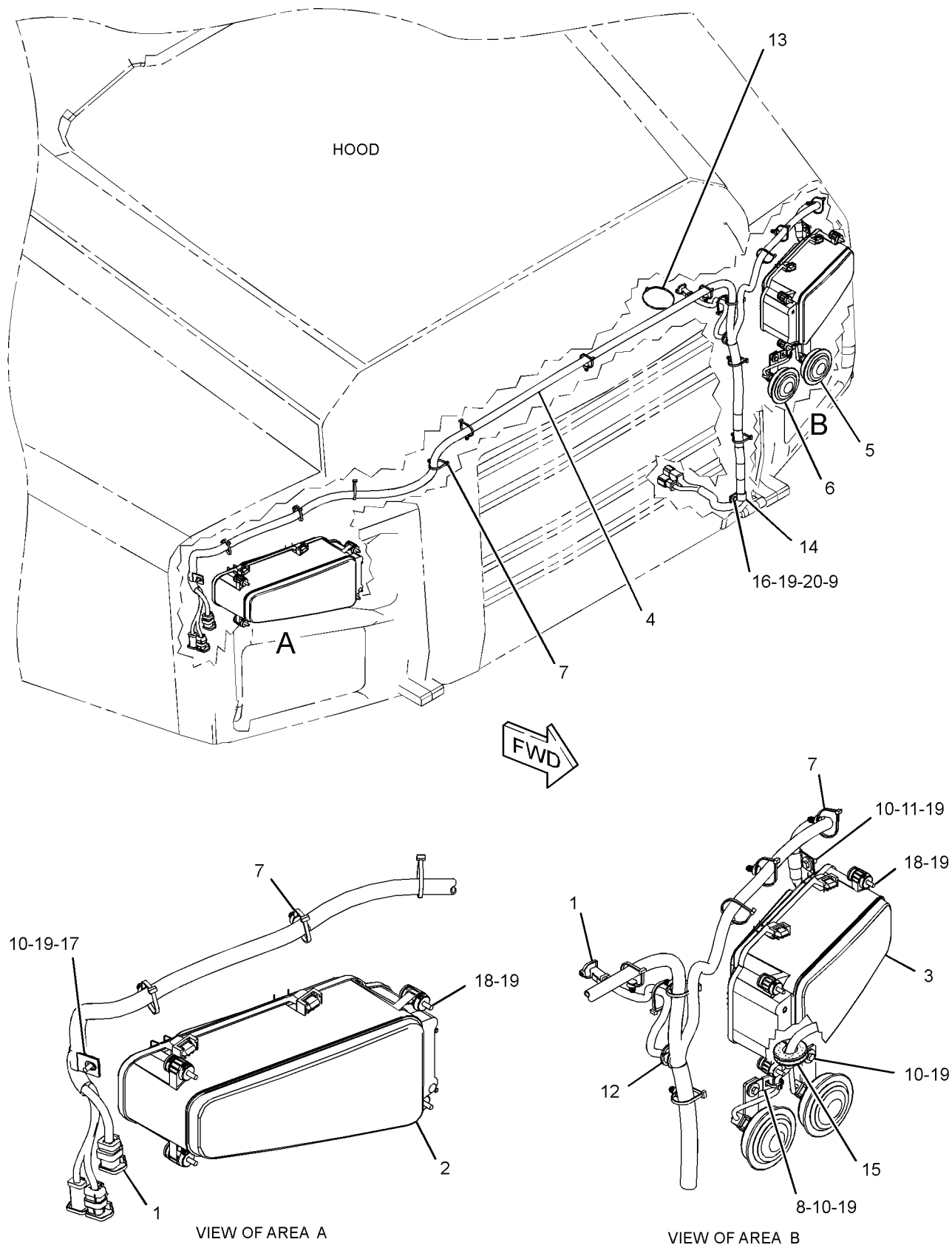
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	3S-2093	8	STRAP-CABLE	
Y	2	1	335-7370	1	LAMP GP-HEAD & SIGNAL (24-VOLT, RH)	257
Y	3	1	335-7371	1	LAMP GP-HEAD & SIGNAL (24-VOLT, LH)	258
	4	1	336-2810	1	HARNESS AS-FRONT	
		1	8T-8729	4	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	9W-0852	8	PIN-CONNECTOR (14-GA TO 16-GA)	
		1	155-2270	3	KIT-CONNECTING PLUG (2-PIN)	
		1	174-0503	1	KIT-CONNECTING PLUG (3-PIN)	
		1	177-9648	1	KIT-CONNECTING PLUG (2-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
		1	230-5008	1	PLUG AS-CONNECTOR (4-PIN)	
		1	264-7031	1	SEAL-CONNECTOR	
		1	230-5010	2	PLUG AS-CONNECTOR (6-PIN)	
					(EACH INCLUDES)	
		1	264-7032	1	SEAL-CONNECTOR	
		1	8T-8737	1	PLUG-SEAL	
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)	
		1	177-9653	1	KIT-RECEPTACLE (4-PIN)	
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)	
		1	134-2540	1	RESISTOR AS-CONNECTION (3-PIN)	
		1	9X-3402	16	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		1	8T-8730	2	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		1	9W-0844	6	SOCKET-CONNECTOR (14-GA TO 16-GA)	
		1	7T-0094	2	SOCKET-CONNECTOR (12-GA TO 14-GA)	
E		1	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (7-CM)	
E		1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (10-CM)	
E		1	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (25-CM)	
	5	1	163-1201	1	HORN AS (24-VOLT, LOW TONE)	
	6	1	174-7875	1	HORN AS (24-VOLT, HIGH TONE)	
	7	1	206-1345	18	STRAP-CABLE	
	8	1	4P-7581	1	CLIP	
M	9	1	5C-2890	1	NUT (M6X1-THD)	
M	10	1	5C-9553	4	BOLT (M6X1X16-MM)	
	11	1	6D-3479	1	CLIP	
	12	1	7B-1251	1	GROMMET	
	13	1	7K-1181	1	STRAP-CABLE	
	14	1	8M-2773	1	CLIP	
	15	1	8M-2784	1	GROMMET	
M	16	1	8T-4971	1	BOLT (M6X1X30-MM)	
	17	1	9M-8406	1	CLIP	
M	18	1	9X-2480	8	BOLT (M6X1X45-MM)	
	19	1	9X-6165	13	WASHER (6.5X22X2.5-MM THK)	
	20	1	9X-8256	1	WASHER (6.6X12X2-MM THK)	

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

ELECTRICAL AND STARTING SYSTEM

328-3984 WIRING GP-LIGHTING (contd.)

i04171163



GRAPHIC #1

<END>

g02399476

ELECTRICAL AND STARTING SYSTEM

291-8785 WIRING GP-REAR

S/N: T4R1-UP

PART OF 291-8668 ELECTRICAL AR

SMCS-1408

i04169596

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3E-6451	1	SWITCH GP-TEMPERATURE (REAR BRAKE)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
		1	8T-8729	2	PIN-CONNECTOR (16-GA TO 18-GA)	
	2	1	3S-2093	61	STRAP-CABLE	
	3	1	5G-7820	1	MAGNET AS	
	4	1	8W-8528	2	SLEEVE	
	5	1	229-5527	1	SENSOR GP-POSITION (TRUCK BODY POSITION)	
		1	102-8803	1	KIT-RECEPTACLE (3-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
		1	121-0153	1	FILM-INSTRUCTION (ELECTRICAL POWER)	
Y	6	1	291-9440	1	WARNING GP-BACKUP	311
	7	1	333-7288	1	PLATE AS	
	8	1	336-2815	1	HARNESS AS-REAR	
		1	274-3775	1	CAP-CONNECTOR	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	4	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2274	3	KIT-CONNECTING PLUG (6-PIN) (EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
		1	230-4011	1	PLUG AS-CONNECTOR (2-PIN)	
		1	264-7029	1	SEAL-CONNECTOR	
		1	230-4013	1	PLUG AS-CONNECTOR (3-PIN)	
		1	264-7030	1	SEAL-CONNECTOR	
		1	272-2838	1	PLUG AS	
		1	8T-8737	4	PLUG-SEAL	
		1	274-3780	1	CAP-SEAL	
		1	8T-8730	23	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		1	9W-0844	6	SOCKET-CONNECTOR (14-GA TO 16-GA)	
E		1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (5-CM)	
E		1	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (10-CM)	
Y	9	1	336-6684	1	CAMERA GP (12-VOLT, 24-VOLT) (WORK AREA VISUAL SYSTEM, REAR)	235
	10	1	337-6319	1	HARNESS AS-SENSOR (WHEEL SPEED)	
		1	5P-5777	2	ADAPTER-O-RING	
I		1	344-7626	1	HOSE AS	
		1	2P-1286	2	LOCKNUT-BULKHEAD (1-5/16-12-THD)	
		1	8T-8729	6	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	240-7878	2	PLUG AS-CONNECTOR (3-PIN) (EACH INCLUDES)	
		1	264-7030	1	SEAL-CONNECTOR	
		1	151-9275		KIT-RECEPTACLE (6-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
		1	9X-3402	6	SOCKET-CONNECTOR (16-GA TO 18-GA)	
B		1	1P-0810		TAPE-ELECTRICAL	
	11	1	337-6320	1	HARNESS AS-SENSOR (REAR WHEEL)	
		1	5P-5777	2	ADAPTER-O-RING	
I		1	344-7625	1	HOSE AS	
		1	2P-1286	2	LOCKNUT-BULKHEAD (1-5/16-12-THD)	
		1	8T-8729	6	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	240-7878	2	PLUG AS-CONNECTOR (3-PIN) (EACH INCLUDES)	
		1	264-7030	1	SEAL-CONNECTOR	
		1	151-9275	1	KIT-RECEPTACLE (6-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
		1	9X-3402	6	SOCKET-CONNECTOR (16-GA TO 18-GA)	

ELECTRICAL AND STARTING SYSTEM

291-8785 WIRING GP-REAR (contd.)

i04169596

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
B		1	1P-0810		TAPE-ELECTRICAL						
	12	1	344-5871	1	BRACKET						
	13	1	344-7391	1	SENSOR GP-PRESSURE (PARKING BRAKE)						
	14	1	358-9889	1	PLATE AS						
	15	1	358-9890	1	PLATE AS						
					(EACH PLATE AS INCLUDES)						
M		1	159-9540	1	NUT-WELD (M8X1.25-THD)						
	16	1	352-3965	1	CLIP						
	17	1	3E-4352	4	WASHER-HARD (8.8X20.5X2.5-MM THK)						
	18	1	3J-1907	1	SEAL-O-RING						
	19	1	3K-0360	1	SEAL-O-RING						
	20	1	4P-8134	1	CLIP						
	21	1	5P-4116	4	WASHER-HARD (8.8X20.5X2-MM THK)						
	22	1	6D-4244	2	CLIP						
	23	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
M	24	1	8T-4189	2	BOLT (M8X1.25X20-MM)						
M	25	1	8T-4191	2	BOLT (M10X1.5X16-MM)						
M	26	1	8T-4197	2	BOLT (M8X1.25X40-MM)						
M	27	1	8T-4200	2	BOLT (M8X1.25X16-MM)						
	28	1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)						
	29	1	8T-4224	2	WASHER-HARD (8.8X16X2-MM THK)						
M	30	1	8T-4908	4	BOLT (M8X1.25X25-MM)						
M	31	1	8T-4956	4	BOLT (M12X1.75X35-MM)						

B-USE AS REQUIRED

E-ORDER BY THE CENTIMETER

I-REFER TO HYDRAULIC INFORMATION SYSTEM

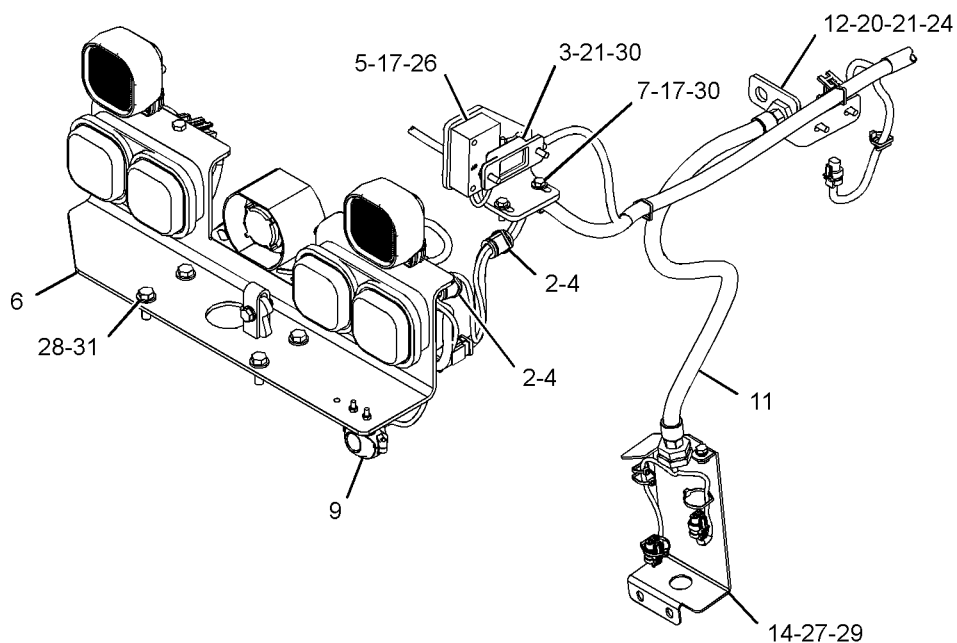
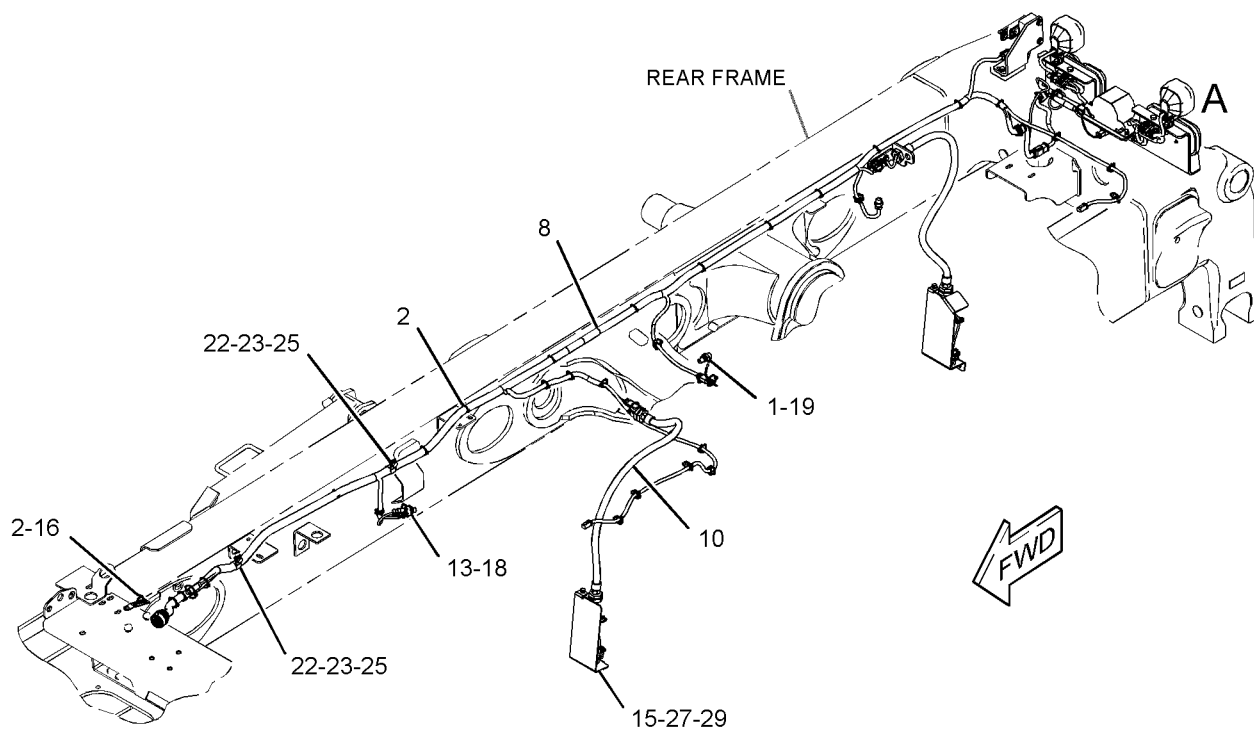
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

291-8785 WIRING GP-REAR (contd.)

i04169596



VIEW OF AREA A

180°

GRAPHIC #1

<END>

g02379956

ELECTRICAL AND STARTING SYSTEM

346-1891 WIRING GP-SENSOR

S/N: TXL1-UP; L4X1-UP

PROVIDES A WIRING GP WITH FUEL JUMPER HARNESS

PART OF 365-3722 ENGINE AR-COMPLETE

FOR USE WITH OFFSET EXTERNAL HARNESS AND COOLANT TEMP. CANNOT BE USED WITH
BRAKES AND IVA, COOLANT FLOW, AND INDUSTRIAL ENGINES

SMCS-1408, 1900

i04174244

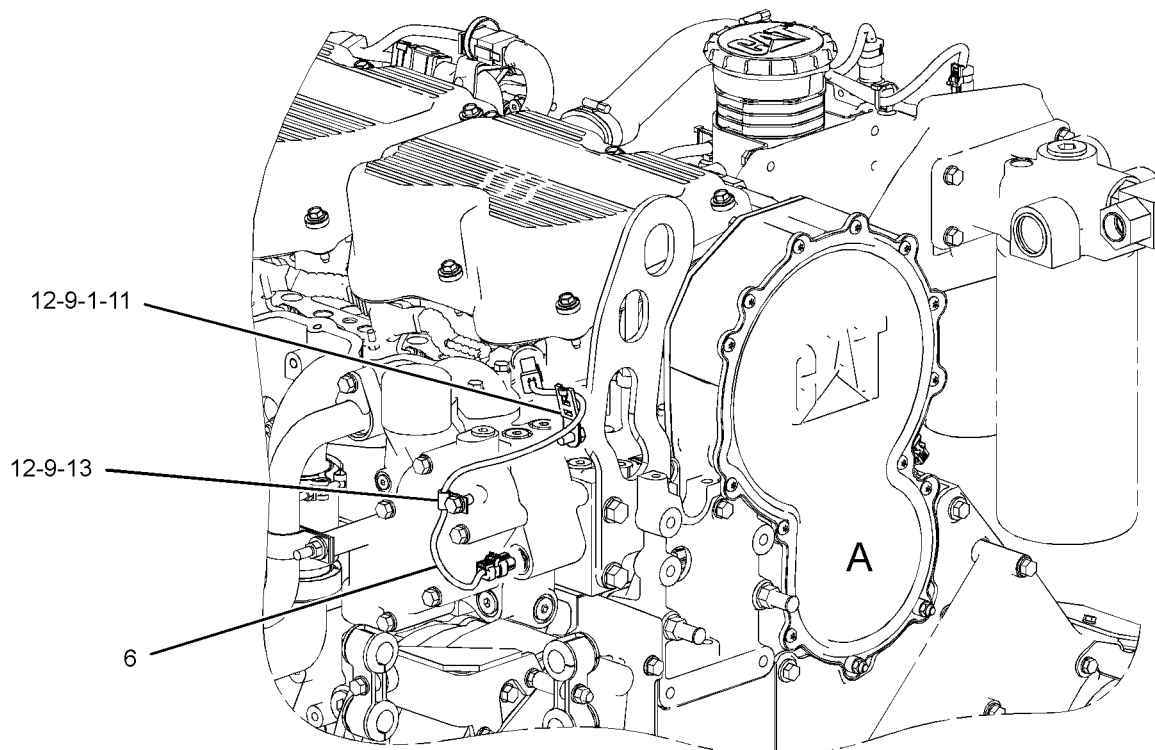
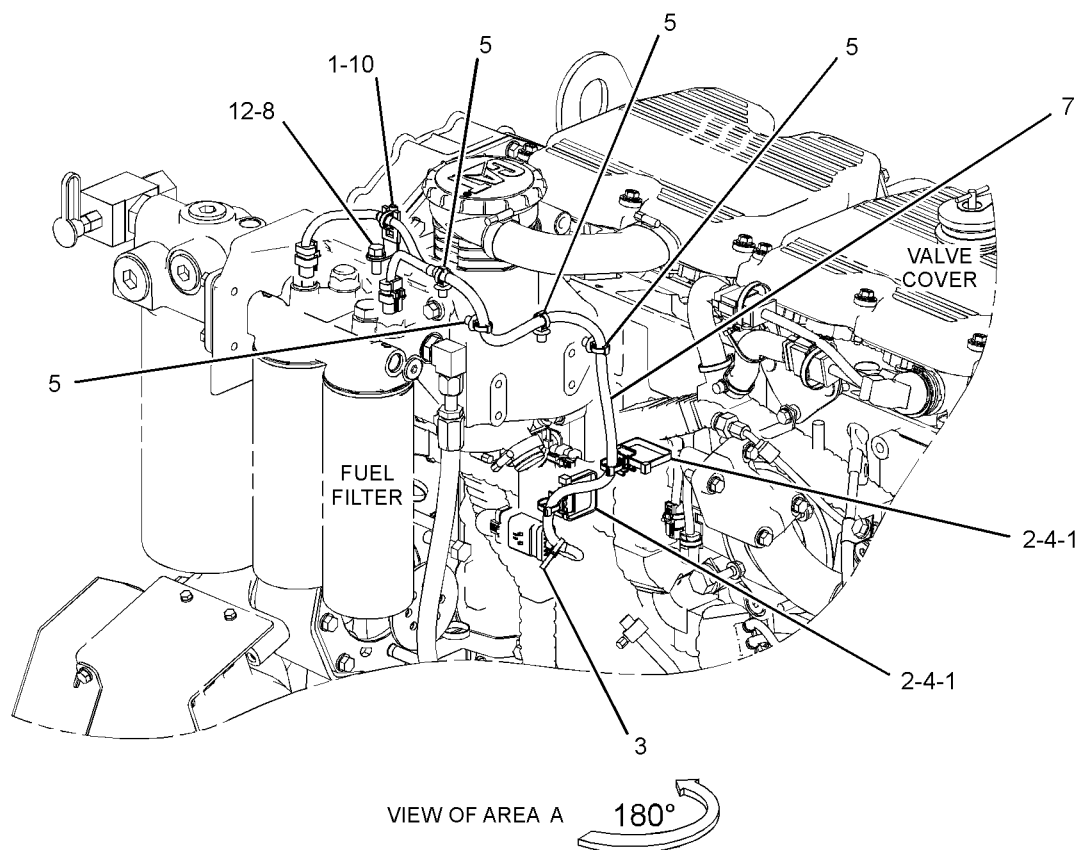
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	4	STRAP-CABLE						
	2	1	7K-1181	2	STRAP-CABLE						
	3	1	204-1611	1	STRAP-CABLE						
	4	1	290-5562	2	MOUNT (DUAL SWIVEL)						
	5	1	316-9351	4	MOUNTING-CABLE TIE						
	6	1	343-8408	1	HARNESS AS-SENSOR (COOLANT TEMPERATURE)						
		1	8T-8737	2	PLUG-SEAL						
		1	9X-3402	4	SOCKET-CONNECTOR (16-GA TO 18-GA)						
					-OR-						
		1	126-1768	4	SOCKET-CONNECTOR (14-GA TO 16-GA)						
		1	155-2271	1	KIT-CONNECTING PLUG (4-PIN)						
					(INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
		1	230-4011	1	PLUG AS-CONNECTOR (2-PIN)						
		1	264-7029	1	SEAL-CONNECTOR						
E		1	289-5150		SLEEVE (24-CM)						
	7	1	356-9948	1	HARNESS AS-SENSOR						
		1	8T-8737	8	PLUG-SEAL						
E		1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (5-CM)						
		1	9X-3402	5	SOCKET-CONNECTOR (16-GA TO 18-GA)						
					-OR-						
		1	126-1768	5	SOCKET-CONNECTOR (14-GA TO 16-GA)						
		1	9X-3401	4	PIN-CONNECTOR (16-GA TO 18-GA)						
					-OR-						
		1	126-1767	4	PIN-CONNECTOR (14-GA TO 16-GA)						
		1	230-4010	1	RECEPTACLE AS-CONNECTOR (12-PIN)						
		1	230-4011	1	PLUG AS-CONNECTOR (2-PIN)						
		1	264-7029	1	SEAL-CONNECTOR						
		1	281-8804	1	PLUG AS-CONNECTOR (3-PIN)						
		1	264-7030	1	SEAL-CONNECTOR						
E		1	289-5150		SLEEVE (40-CM)						
	8	1	0L-1351	1	BOLT (3/8-16X0.875-IN)						
	9	1	0S-0509	2	BOLT (3/8-16X0.75-IN)						
	10	1	132-5789	1	CLIP						
	11	1	4P-7581	1	CLIP						
	12	1	5M-2894	3	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	13	1	8M-2772	1	CLIP						

E-ORDER BY THE CENTIMETER

ELECTRICAL AND STARTING SYSTEM

346-1891 WIRING GP-SENSOR (contd.)

i04174244



GRAPHIC #1

<END>

g02372136

ELECTRICAL AND STARTING SYSTEM

308-8122 WIRING GP-TRANSMISSION

S/N: K2S1-UP

PART OF 303-2298 TRANSMISSION AR

SMCS-3104

i04171530

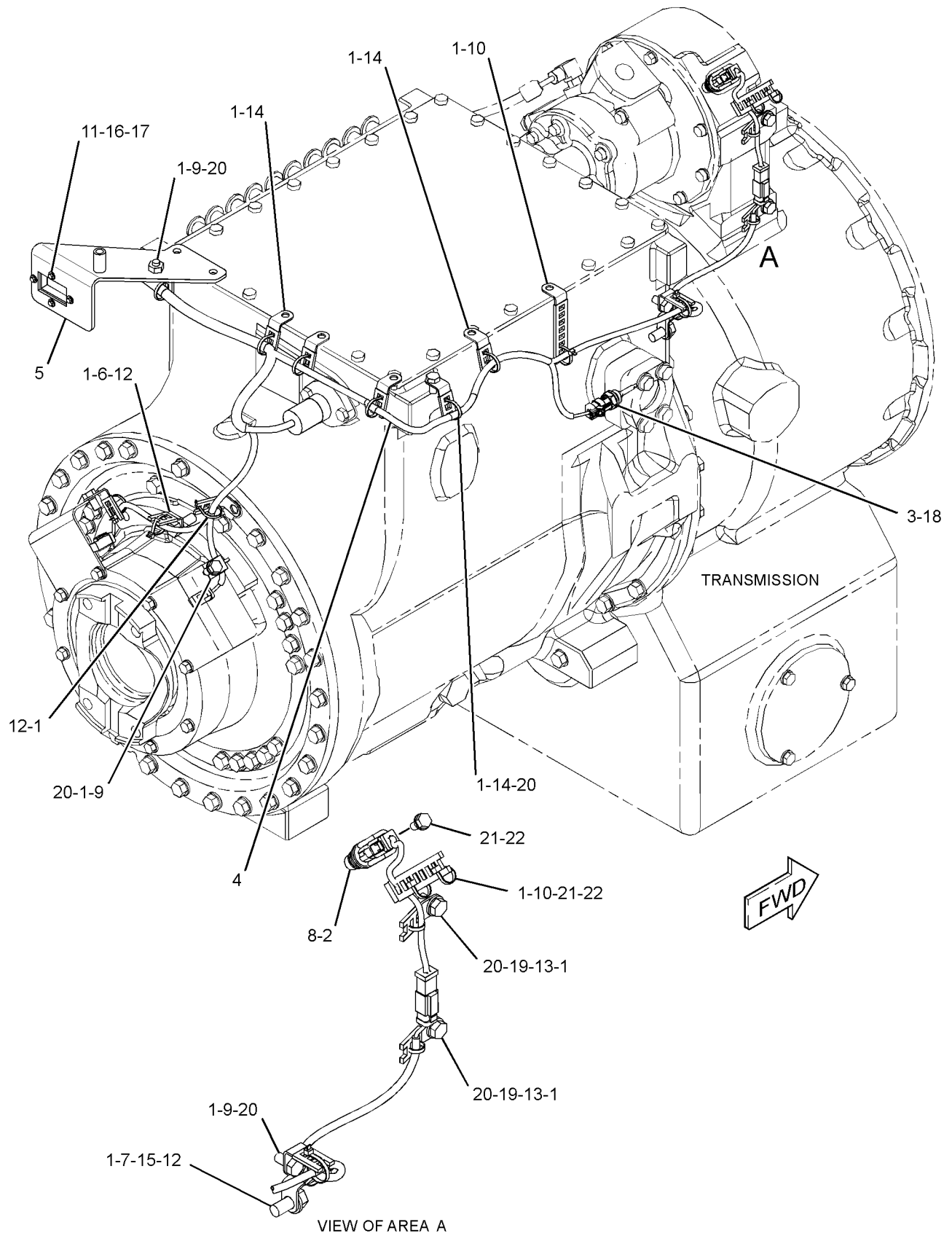
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3S-2093	17	STRAP-CABLE	
Y	2	1	201-6615	1	SENSOR GP-SPEED (TRANSMISSION)	287
	3	1	256-6453	1	SENSOR AS-TEMPERATURE (TRANSMISSION OIL)	
	4	1	341-8378	1	HARNESS AS-TRANSMISSION	
		1	9X-3401	23	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	108-6259	1	PLUG AS-CONNECTOR (17-PIN)	
		1	155-2270	3	KIT-CONNECTING PLUG (2-PIN)	
					(EACH INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
		1	230-4011	1	PLUG AS-CONNECTOR (2-PIN)	
		1	264-7029	1	SEAL-CONNECTOR	
		1	8T-8737	1	PLUG-SEAL	
		1	9X-0145	1	RECEPTACLE AS-CONNECTOR (24-PIN)	
E		1	114-8843		SLEEVE-PLASTIC (80-CM)	
		1	180-9340	8	SOCKET-CONNECTOR (14-GA TO 18-GA)	
B		1	1P-0810		TAPE-ELECTRICAL	
	5	1	341-8383	1	BRACKET AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	6	1	OS-1595	1	BOLT (1/2-13X1.25-IN)	
	7	1	OS-1621	1	BOLT (1/2-13X1-IN)	
	8	1	117-1385	1	SEAL-O-RING	
	9	1	132-5789	4	CLIP	
	10	1	277-1873	2	CLIP	
	11	1	4B-4863	4	WASHER (4.7X11X1.2-MM THK)	
	12	1	4P-7429	3	CLIP	
	13	1	4P-7581	2	CLIP	
	14	1	4P-8134	5	CLIP	
	15	1	5P-8245	1	WASHER-HARD (13.5X25.5X3-MM THK)	
	16	1	6D-5801	4	LOCKNUT (8-32-THD)	
	17	1	6V-7345	4	SCREW-MACHINE (8-32X0.875-IN)	
	18	1	8L-2786	1	SEAL-O-RING	
	19	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)	
M	20	1	8T-4137	7	BOLT (M10X1.5X20-MM)	
M	21	1	8T-4200	2	BOLT (M8X1.25X16-MM)	
	22	1	8T-4224	2	WASHER-HARD (8.8X16X2-MM THK)	

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

ELECTRICAL AND STARTING SYSTEM

308-8122 WIRING GP-TRANSMISSION (contd.)

i04171530



GRAPHIC #1

<END>

g02397998

ELECTRICAL AND STARTING SYSTEM

346-6706 WIRING GP-UNIT INJECTOR

S/N: TXL1-UP; L4X1-UP

PART OF 365-3722 ENGINE AR-COMPLETE

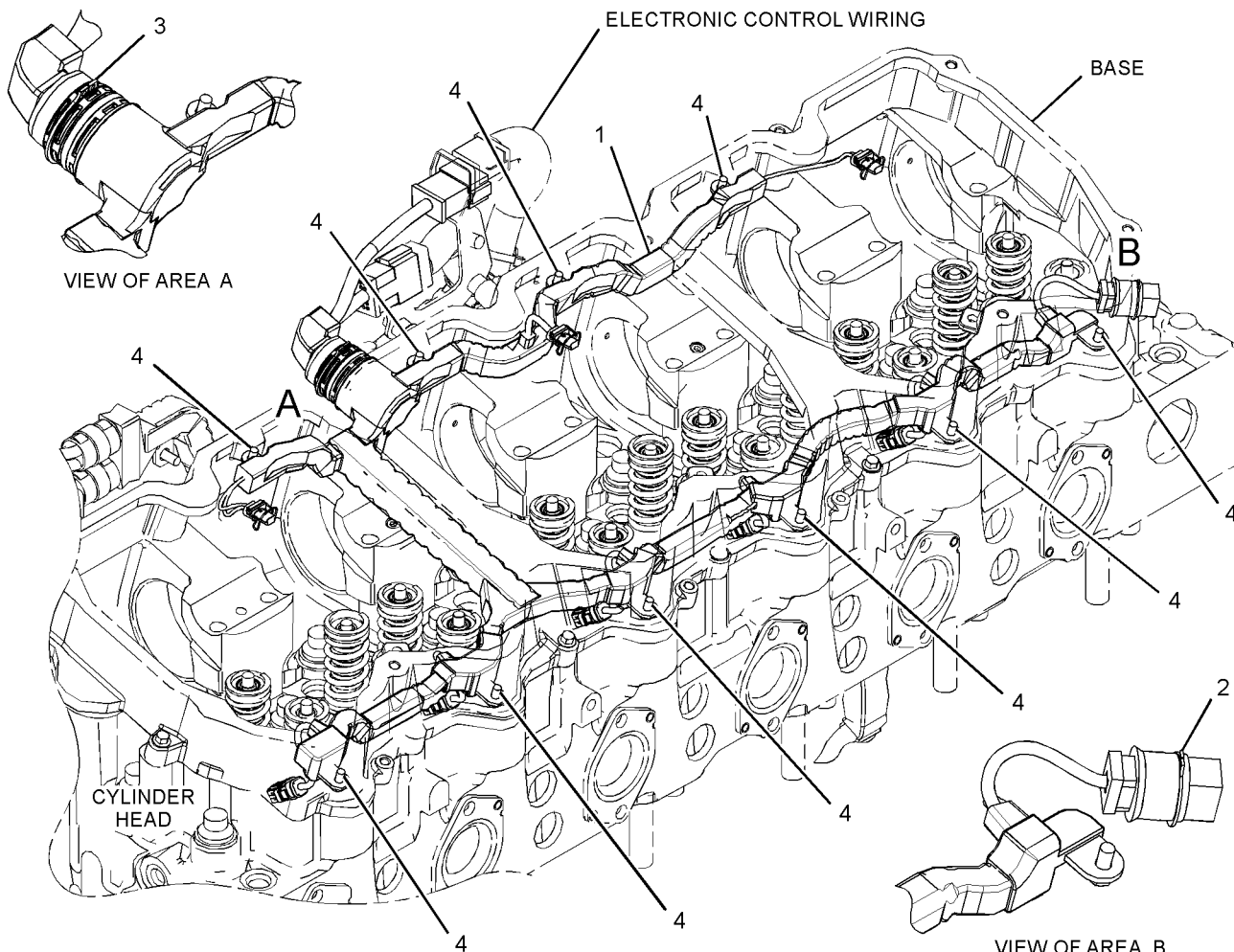
FOR USE WITH COOLANT TEMP JUMPER HARNESS. CANNOT BE USED WITH NON-BRAKES
AND/OR INTAKE VALVE ACTUATION

SMCS-1290, 1408

i04223634

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	356-1642	1	WIRING GP-UNIT INJECTOR (INSULATED)						
		1	346-4897	1	SEAL-O-RING						
		1	356-1643	1	HARNESS AS-ENGINE						
		1	241-5682	2	CLIP						
		1	9X-3401	27	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	264-2407	6	PLUG AS-CONNECTOR						
		1	8T-8737	1	PLUG-SEAL						
		1	113-4630	1	RECEPTACLE AS-CONNECTOR (4-PIN)						
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)						
		1	190-7614	1	KIT-RECEPTACLE (12-PIN)						
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)						
		1	033-6034	1	SEAL-O-RING						
E		1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (120-CM)						
	2	1	359-4892	1	RING-RETAINING						
	3	1	359-4893	1	RING-RETAINING						
	4	1	166-5396	10	SCREW-WASHER HD (1/4-20X0.5-IN)						

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

VIEW OF AREA B

g02423316

POWER TRAIN

328-3724 AXLE AR-CENTER

S/N: T4R1-UP

PART OF 291-8722 POWER TRAIN AR

SMCS-3278

i04275189

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	325-7004	1	AXLE GP-CENTER						350
Y	160-7200	1	BRAKE GP-PARKING						547
Y	152-7038	1	BREATHER GP-POWER TRAIN (CENTER)						356
Y	192-1751	1	GUARD GP-BRAKE LINES (AXLE, CENTER)						475
Y-SEPARATE ILLUSTRATION									

<END>

328-3725 AXLE AR-FRONT

S/N: T4R1-UP

PART OF 291-8722 POWER TRAIN AR

SMCS-3278

i04171158

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	325-7003	1	AXLE GP-FRONT						352
Y	332-3074	1	BREATHER GP-POWER TRAIN (FRONT)						360
Y	349-3284	1	GUARD GP-BRAKE LINES (AXLE, FRONT)						476
Y-SEPARATE ILLUSTRATION									

<END>

328-3726 AXLE AR-REAR

S/N: T4R1-UP

PART OF 291-8722 POWER TRAIN AR

SMCS-3278

i04279109

			PART NAME						SEE PAGE
NOTE	PART NUMBER	QTY	1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	348-4792	1	AXLE GP-REAR						354
Y	153-0485	1	BREATHER GP-POWER TRAIN (REAR)						357
Y-SEPARATE ILLUSTRATION									

<END>

POWER TRAIN

325-7004 AXLE GP-CENTER

S/N: T4R1-UP

PART OF 328-3724 AXLE AR-CENTER

SMCS-3278

i04275172

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	6V-2881	52	BOLT (3/4-10X3.5-IN)	
	2	1	8G-5258	25	SPACER (17X35X20-MM THK)	
	3	1	8K-6464	2	RING-RETAINING	
	4	1	102-2453	2	GEAR-SUN (16-TEETH)	
B	5	1	1U-8846		SEALANT-GASKET	
	6	1	138-4117	1	RETAINER-BEARING	
	7	1	138-4121	1	CAGE-BEARING	
	8	1	139-2157	1	SHAFT	
	9	1	139-2159	1	SHAFT	
	10	1	139-2161	1	SHAFT	
	11	1	141-8891	2	CONE-BEARING	
	12	1	141-8892	2	CUP-BEARING	
	13	1	151-6899	2	BRACKET AS	
					(EACH INCLUDES)	
M		1	8T-3597	2	NUT-WELD (M12X1.75-THD)	
	14	1	151-6901	2	BRACKET AS	
					(EACH INCLUDES)	
M		1	8T-3597	1	NUT-WELD (M12X1.75-THD)	
	15	1	188-3777	1	DISC	
	16	1	194-7819	1	SPACER (76.5X87X4-MM THK)	
	17	1	196-7243	1	LOCKNUT (2.75X18-THD)	
		1	198-0050	4	SETSCREW	
	18	1	205-0202	1	HOUSING AS-AXLE	
		1	160-6213	2	BUSHING	
		1	165-4929	1	PLUG AS	
		1	5P-4484	1	PLUG-MAGNETIC (AXLE HOUSING)	
		1	7M-8485	1	SEAL-O-RING	
		1	197-4977	1	PLUG AS	
		1	5P-4483	1	PLUG-O-RING	
		1	7M-8485	1	SEAL-O-RING	
Y	19	1	226-7366	1	LINES GP-SERVICE BRAKE (AXLE, CENTER)	569
	20	1	293-4503	1	SEAL-LIP TYPE	
	21	1	308-6001	1	YOKE AS	
		1	132-0920	1	GUARD	
	22	1	308-6005	1	YOKE AS	
Y	23	1	356-4663	1	DIFFERENTIAL & BEVEL GEAR GP (AXLE, CENTER)	378
Y	24	1	371-0565	2	WHEEL GP-FINAL DRIVE & BRAKE	458
	25	1	2K-2939	2	SEAL-O-RING	
	26	1	4F-7391	1	SEAL-O-RING	
	27	1	5H-3252	2	SEAL-O-RING	
	28	1	6V-2360	52	WASHER-HARD (20X32X3-MM THK)	
M	29	1	7X-2454	1	BOLT (M24X3X110-MM)	
M	30	1	7X-2554	25	BOLT (M16X2X70-MM)	
	31	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)	
M	32	1	8T-4138	2	BOLT (M6X1X20-MM)	
	33	1	8T-4167	1	WASHER-HARD (26X44X4-MM THK)	
M	34	1	8T-4186	4	BOLT (M10X1.5X40-MM)	
M	35	1	8T-4193	2	BOLT (M16X2X50-MM)	
M	36	1	8T-4944	20	BOLT-SOCKET HEAD (M16X2X40-MM)	
	37	1	9X-8256	2	WASHER (6.6X12X2-MM THK)	
	38	1	9X-8257	47	WASHER (17.5X30X3.5-MM THK)	

B-USE AS REQUIRED

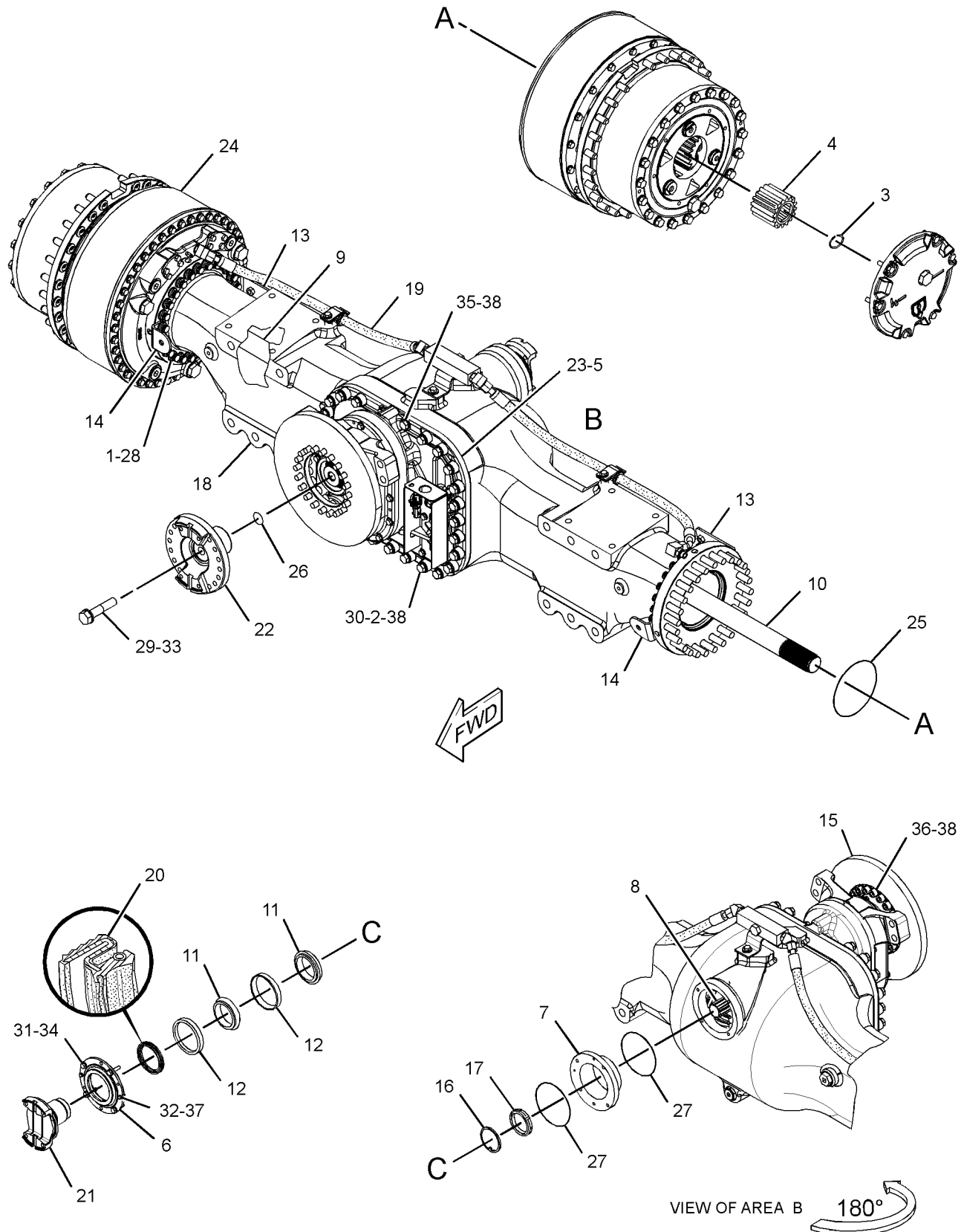
M-METRIC PART

Y-SEPARATE ILLUSTRATION

POWER TRAIN

325-7004 AXLE GP-CENTER (contd.)

i04275172



GRAPHIC #1

<END>

g02414556

POWER TRAIN

325-7003 AXLE GP-FRONT

S/N: T4R1-UP

PART OF 328-3725 AXLE AR-FRONT

SMCS-3278

i04275169

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8G-5258	28	SPACER (17X35X20-MM THK)						
	2	1	8K-6464	2	RING-RETAINING						
	3	1	102-2453	2	GEAR-SUN (16-TEETH)						
	5	1	139-2159	1	SHAFT						
	6	1	139-2161	1	SHAFT						
	7	1	151-6899	2	BRACKET AS						
					(EACH INCLUDES)						
M		1	8T-3597	2	NUT-WELD (M12X1.75-THD)						
	8	1	151-6901	2	BRACKET AS						
					(EACH INCLUDES)						
M		1	8T-3597	1	NUT-WELD (M12X1.75-THD)						
	9	1	219-8561	1	HOUSING AS-AXLE						
	9A	1	160-6213	2	BUSHING						
	9B	1	165-4929	1	PLUG AS						
		1	5P-4484	1	PLUG-MAGNETIC (AXLE HOUSING)						
		1	7M-8485	1	SEAL-O-RING						
	9C	1	197-4977	1	PLUG AS						
		1	5P-4483	1	PLUG-O-RING						
		1	7M-8485	1	SEAL-O-RING						
	10	1	315-6194	1	YOKE AS						
Y	11	1	371-0565	2	WHEEL GP-FINAL DRIVE & BRAKE						458
Y	12	1	349-4658	1	LINES GP-SERVICE BRAKE (AXLE, FRONT)						573
Y	13	1	356-4662	1	DIFFERENTIAL & BEVEL GEAR GP (AXLE, FRONT)						374
	14	1	2K-2939	2	SEAL-O-RING						
	15	1	4F-7391	1	SEAL-O-RING						
	16	1	6V-2360	52	WASHER-HARD (20X32X3-MM THK)						
	17	1	6V-2881	52	BOLT (3/4-10X3.5-IN)						
M	18	1	7X-2554	28	BOLT (M16X2X70-MM)						
	19	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
M	20	1	8T-4196	2	BOLT (M10X1.5X35-MM)						
	21	1	8T-4223	1	WASHER-HARD (13.5X25.5X3-MM THK)						
M	22	1	8T-6868	1	BOLT (M12X1.75X80-MM)						
	23	1	9X-8257	28	WASHER (17.5X30X3.5-MM THK)						
B	24	1	1U-8846		SEALANT-GASKET						

B-USE AS REQUIRED

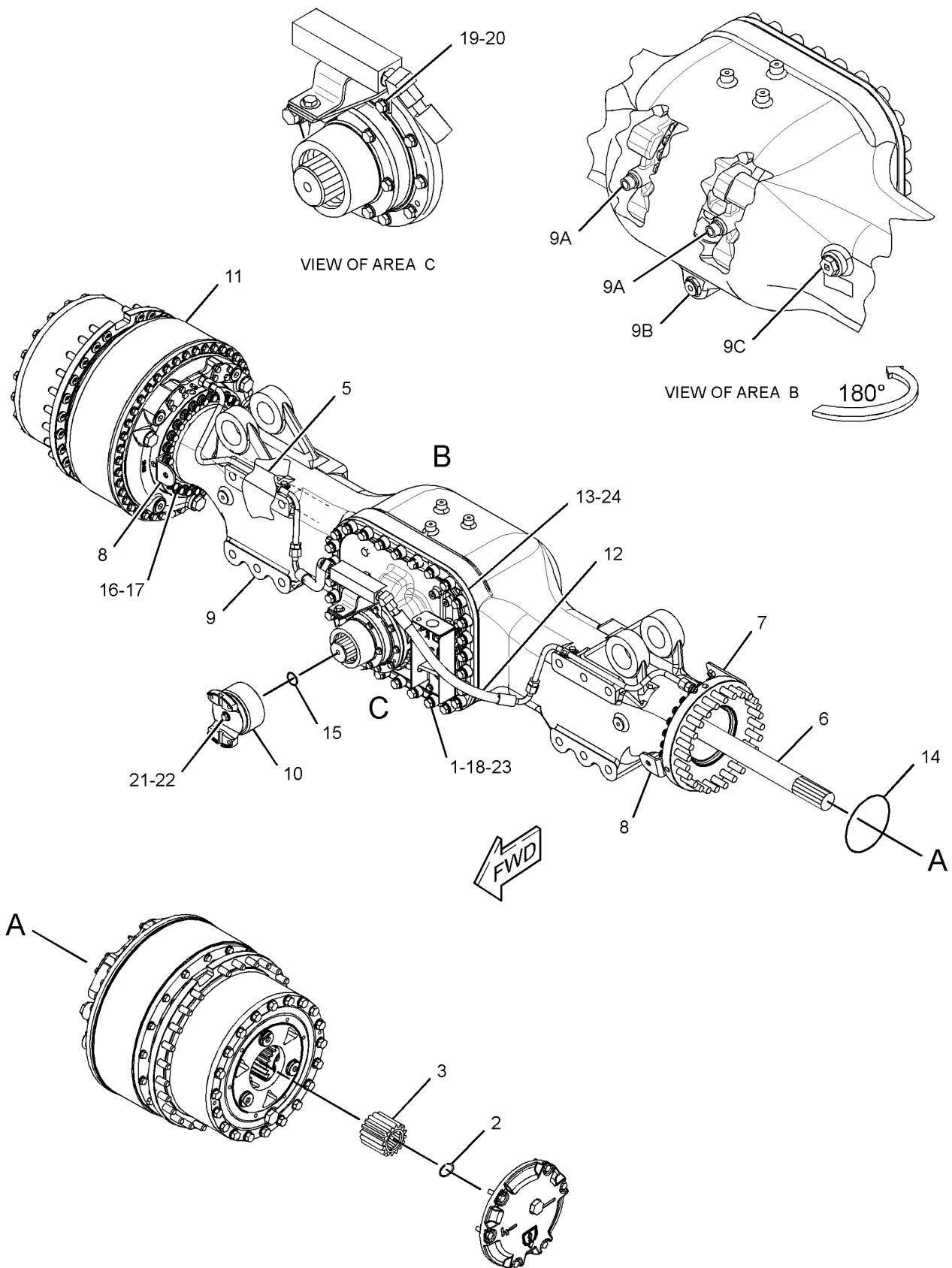
M-METRIC PART

Y-SEPARATE ILLUSTRATION

POWER TRAIN

325-7003 AXLE GP-FRONT (contd.)

i04275169



GRAPHIC #1

<END>

g02419877

POWER TRAIN

348-4792 AXLE GP-REAR

S/N: T4R1-UP

PART OF 328-3726 AXLE AR-REAR

SMCS-3278

i04171579

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8G-5258	28	SPACER (17X35X20-MM THK)						
	2	1	8K-6464	2	RING-RETAINING						
	3	1	8X-0489	2	PLATE						
	4	1	102-2453	2	GEAR-SUN (16-TEETH)						
	6	1	139-2159	1	SHAFT						
	7	1	139-2161	1	SHAFT						
	8	1	205-0203	1	HOUSING AS-AXLE						
		1	160-6213	2	BUSHING						
		1	165-4929	1	PLUG AS						
		1	5P-4484	1	PLUG-MAGNETIC (AXLE HOUSING)						
		1	7M-8485	1	SEAL-O-RING						
		1	197-4977	1	PLUG AS						
		1	5P-4483	1	PLUG-O-RING						
		1	7M-8485	1	SEAL-O-RING						
	9	1	308-6000	1	YOKE AS						
Y	10	1	325-4665	2	WHEEL GP-FINAL DRIVE & BRAKE						456
Y	11	1	356-4664	1	DIFFERENTIAL & BEVEL GEAR GP (AXLE, REAR)						382
	12	1	2K-2939	2	SEAL-O-RING						
	13	1	4F-7391	1	SEAL-O-RING						
	14	1	6V-2360	52	WASHER-HARD (20X32X3-MM THK)						
	15	1	6V-2881	52	BOLT (3/4-10X3.5-IN)						
M	16	1	7X-2554	28	BOLT (M16X2X70-MM)						
	17	1	8T-4223	1	WASHER-HARD (13.5X25.5X3-MM THK)						
M	18	1	8T-6868	1	BOLT (M12X1.75X80-MM)						
	19	1	9X-8257	28	WASHER (17.5X30X3.5-MM THK)						
B	20	1	1U-8846		SEALANT-GASKET						

B-USE AS REQUIRED

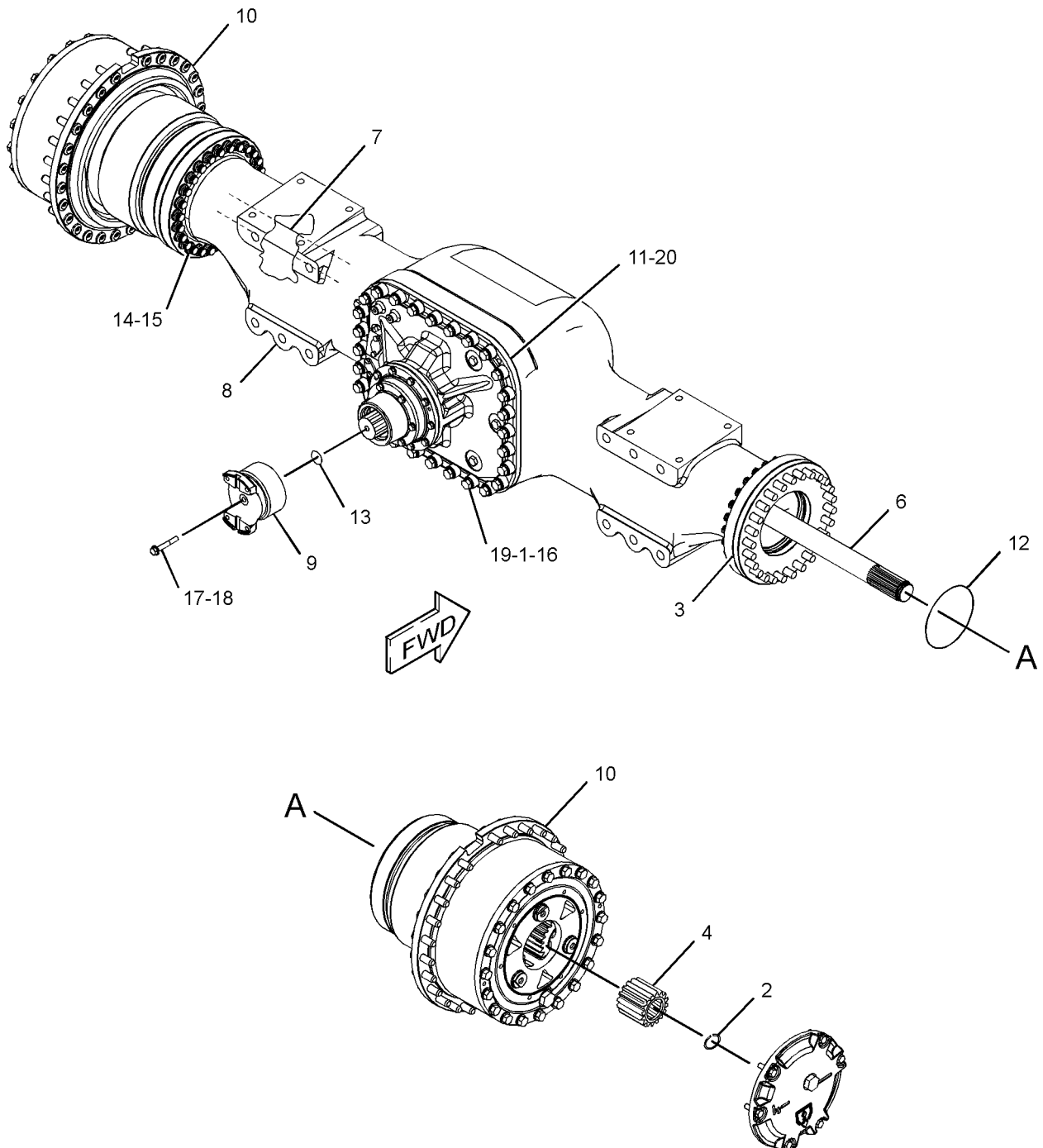
M-METRIC PART

Y-SEPARATE ILLUSTRATION

POWER TRAIN

348-4792 AXLE GP-REAR (contd.)

i04171579



GRAPHIC #1

<END>

g02419337

POWER TRAIN

152-7038 BREATHER GP-POWER TRAIN-CENTER

S/N: T4R1-UP

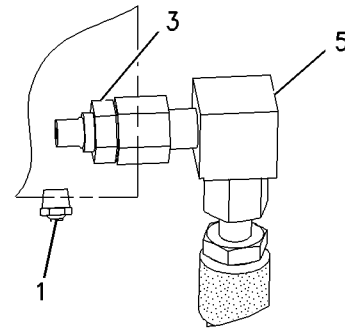
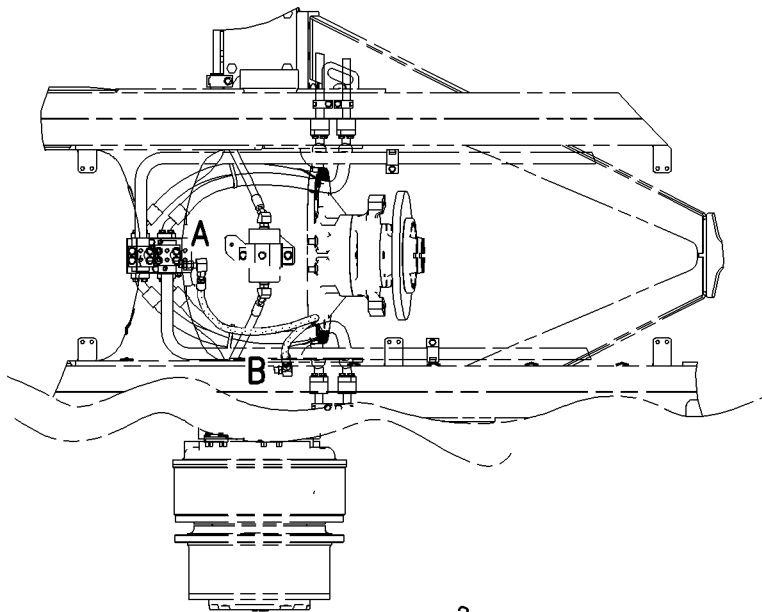
PART OF 328-3724 AXLE AR-CENTER

SMCS-3024

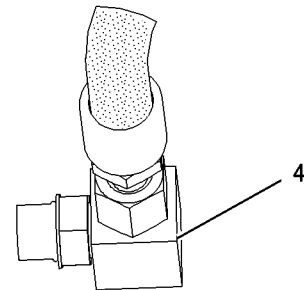
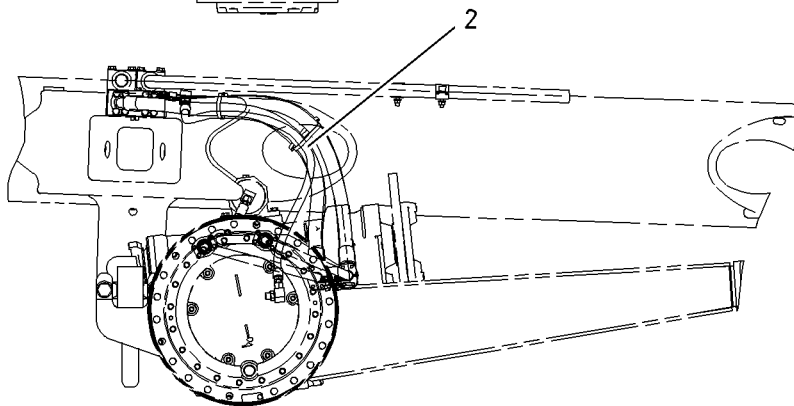
i04083672

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	6U-1989	1	VALVE-RELIEF (BREAKER)						
	2	1	156-3527	1	HOSE AS						
	3	1	169-7402	1	ADAPTER AS						
		1	156-6131	1	ADAPTER						
		1	3J-7354	1	SEAL-O-RING						
		1	6V-8398	1	SEAL-O-RING						
	4	1	148-8364	1	ELBOW AS						
		1	6V-8625	1	ELBOW						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8398	1	SEAL-O-RING						
5	1	1	148-8370	1	ELBOW AS						
		1	6V-9851	1	ELBOW						
		1	6V-8398	1	SEAL-O-RING						

I-REFER TO HYDRAULIC INFORMATION SYSTEM



VIEW OF AREA A



VIEW OF AREA B

GRAPHIC #1

<END>

g00795964

POWER TRAIN

153-0485 BREATHER GP-POWER TRAIN-REAR

S/N: T4R1-UP

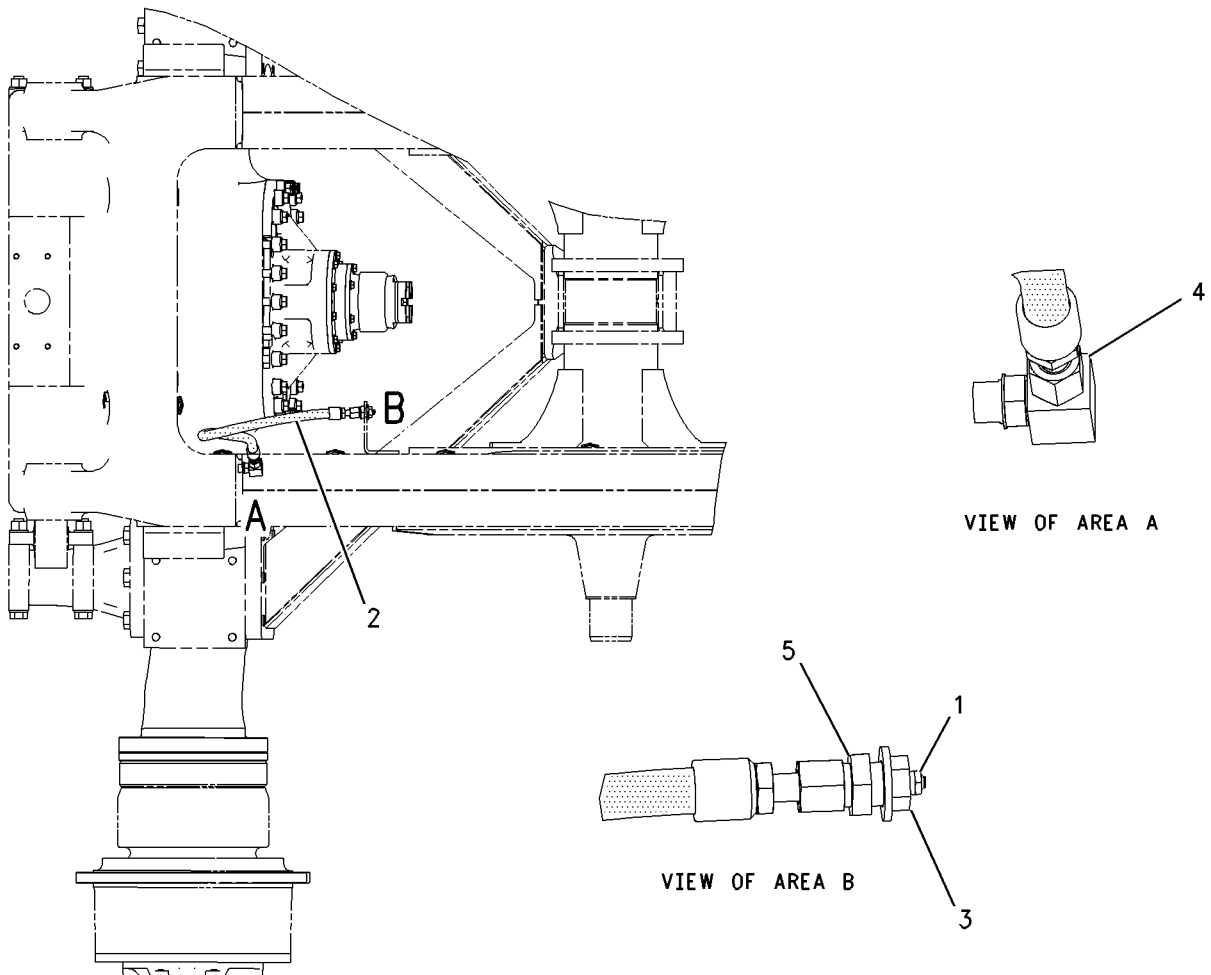
PART OF 328-3726 AXLE AR-REAR

SMCS-3024

i04083690

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6U-1989	1	VALVE-RELIEF (BREAKER)						
I	2	1	8X-6973	1	HOSE AS						
	3	1	169-7395	1	ADAPTER AS						
		1	156-6129	1	ADAPTER						
		1	6V-8398	1	SEAL-O-RING						
	4	1	148-8364	1	ELBOW AS						
		1	6V-8625	1	ELBOW						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8398	1	SEAL-O-RING						
	5	1	6V-9169	1	NUT (13/16-16-THD)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM



GRAPHIC #1

<END>

g00764363

POWER TRAIN

291-8897 BREATHER GP-POWER TRAIN

S/N: T4R1-UP

PART OF 291-8722 POWER TRAIN AR

SMCS-3024

i04169685

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8X-4575	2	BREATHER AS (POWER TRAIN)						
	2	1	9M-2904	2	CLAMP-HOSE						
	3	1	105-0381	2	BLOCK						
I	4	1	127-9733	1	HOSE AS						
I	5	1	290-3155	1	HOSE AS						
	6	1	353-4813	1	TUBE AS						
	7	1	353-4814	1	PLATE AS						
	8	1	353-4816	1	PLATE AS						
					(EACH PLATE AS INCLUDES)						
M		1	8T-3612	4	NUT-WELD (M8X1.25-THD)						
	9	1	148-8306	2	ADAPTER AS						
					(EACH INCLUDES)						
		1	5P-5777	1	ADAPTER-O-RING						
		1	7M-8485	1	SEAL-O-RING						
	10	1	148-8354	2	ELBOW AS						
					(EACH INCLUDES)						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8398	1	SEAL-O-RING						
		1	6V-9002	1	ELBOW						
	11	1	148-8375	1	ELBOW AS						
		1	6V-8398	1	SEAL-O-RING						
		1	6V-8981	1	ELBOW						
	12	1	169-4279	1	CONNECTOR AS						
		1	6V-8398	1	SEAL-O-RING						
		1	8C-6872	1	CONNECTOR						
	13	1	5P-4116	8	WASHER-HARD (8.8X20.5X2-MM THK)						
	14	1	6V-9169	1	NUT (13/16-16-THD)						
	15	1	8T-4123	2	WASHER (22X35X3.5-MM THK)						
M	16	1	8T-6870	4	BOLT (M8X1.25X70-MM)						
M	17	1	8T-7547	4	BOLT (M8X1.25X30-MM)						

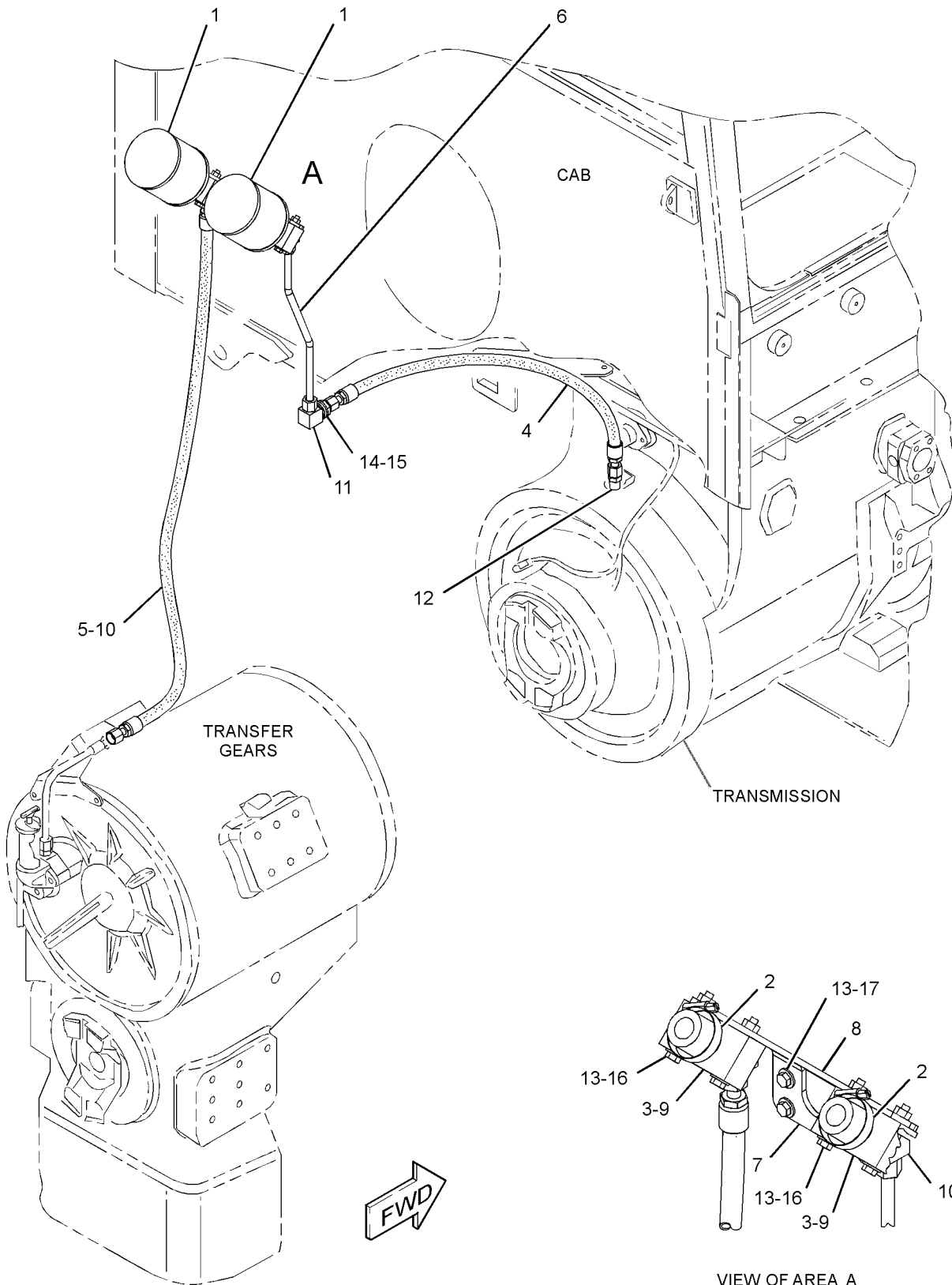
I-REFER TO HYDRAULIC INFORMATION SYSTEM

M-METRIC PART

POWER TRAIN

291-8897 BREATHER GP-POWER TRAIN (contd.)

i04169685



GRAPHIC #1

<END>

g02366621

POWER TRAIN

332-3074 BREATHER GP-POWER TRAIN-FRONT

S/N: T4R1-UP

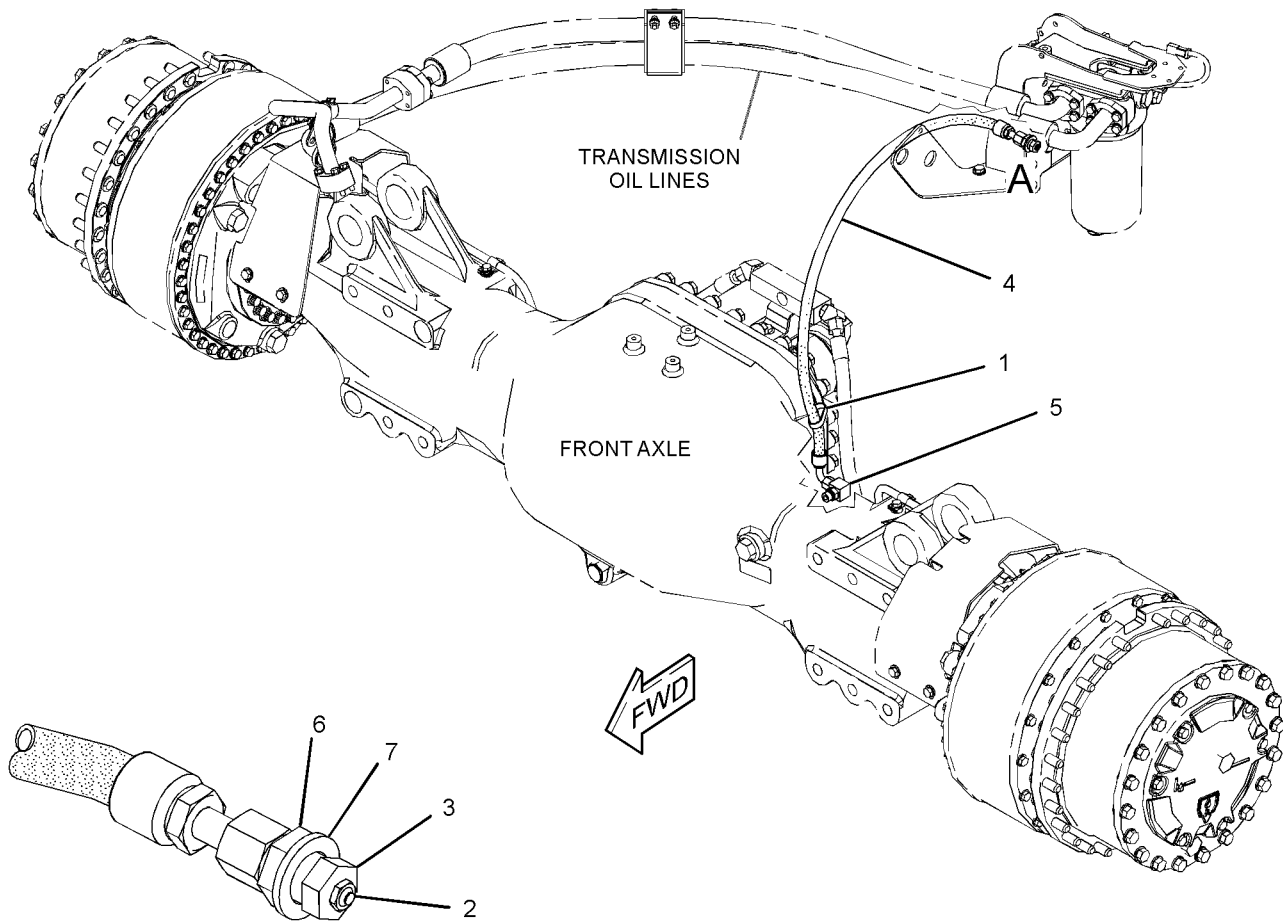
PART OF 328-3725 AXLE AR-FRONT

SMCS-3024

i04171482

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6U-0455	1	STRAP						
	2	1	6U-1989	1	VALVE-RELIEF (POWER TRAIN OIL)						
	3	1	169-7395	1	ADAPTER AS						
		1	6V-8398	1	SEAL-O-RING						
		1	156-6129	1	ADAPTER						
I	4	1	194-0530	1	HOSE AS						
	5	1	148-8364	1	ELBOW AS						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8398	1	SEAL-O-RING						
		1	6V-8625	1	ELBOW						
	6	1	6V-9169	1	NUT (13/16-16-THD)						
	7	1	8T-4123	1	WASHER (22X35X3.5-MM THK)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM



VIEW OF AREA A

GRAPHIC #1

<END>

g02389577

POWER TRAIN

320-1132 CARRIER GP-DIFFERENTIAL-FRONT

S/N: T4R1-UP

PART OF 356-4662, 356-4664 DIFFERENTIAL & BEVEL GEAR GP

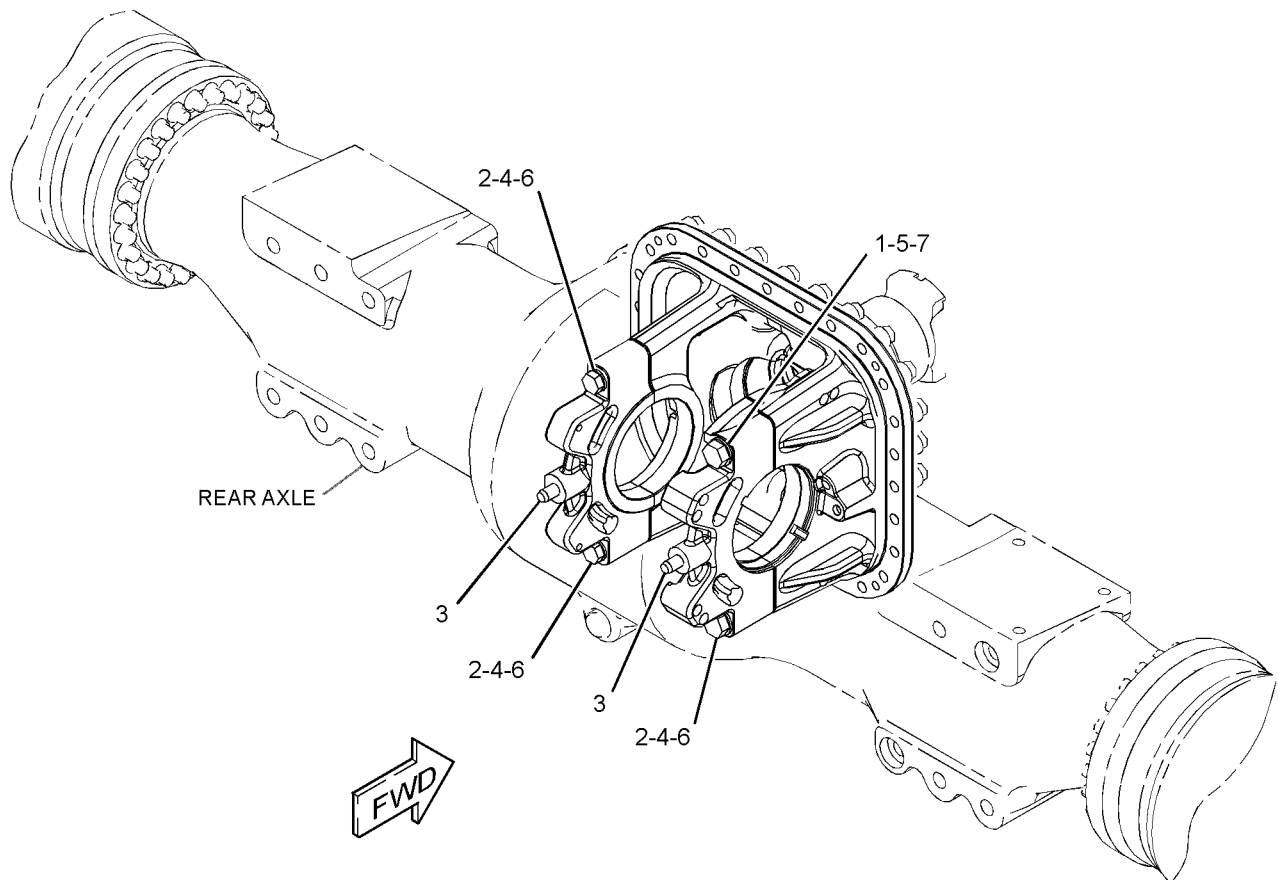
SMCS-3284

i04184090

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3D-8242	2	SLEEVE						
	2	1	138-1477	2	BUSHING						
	3	1	157-7240	2	DOWEL						
M	4	1	6V-9167	2	BOLT (M20X2.5X140-MM)						
M	5	1	8T-0670	2	BOLT (M24X3X140-MM)						
	6	1	8T-3282	2	WASHER-HARD (22X35X3.5-MM THK)						
	7	1	6V-8237	2	WASHER (26X44X4-MM THK)						
F			8C-3347	2	PIN-ROLL						

F-NOT SHOWN

M-METRIC PART



GRAPHIC #1

<END>

g02386478

POWER TRAIN

320-1138 CARRIER GP-DIFFERENTIAL-CENTER

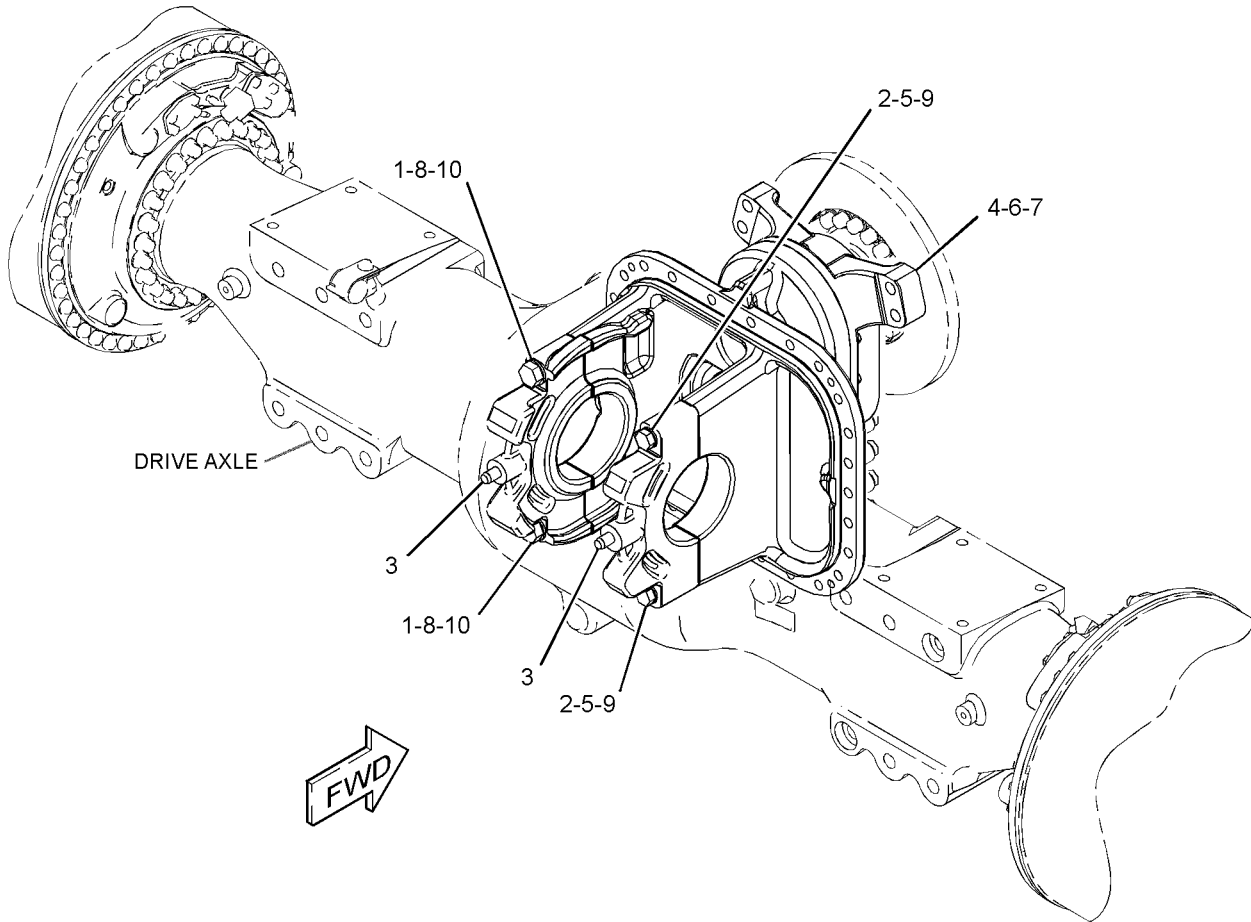
S/N: T4R1-UP

PART OF 356-4663 DIFFERENTIAL & BEVEL GEAR GP

SMCS-3284

i04177349

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3D-8242	2	SLEEVE						
	2	1	138-1477	2	BUSHING						
	3	1	157-7240	2	DOWEL						
	4	1	160-8520	1	CAGE						
	5	1	8T-3282	2	WASHER-HARD (22X35X3.5-MM THK)						
	6	1	8T-4121	10	WASHER-HARD (11X21X2.5-MM THK)						
M	7	1	8T-4186	10	BOLT (M10X1.5X40-MM)						
	8	1	6V-8237	2	WASHER (26X44X4-MM THK)						
M	9	1	6V-9167	2	BOLT (M20X2.5X140-MM)						
M	10	1	8T-0670	2	BOLT (M24X3X140-MM)						
	F		8C-3347	2	PIN-ROLL						
	F		3F-0957	2	DOWEL						
F-NOT SHOWN											
M-METRIC PART											



GRAPHIC #1

<END>

g02386616

POWER TRAIN

335-1157 CARRIER GP-PLANETARY

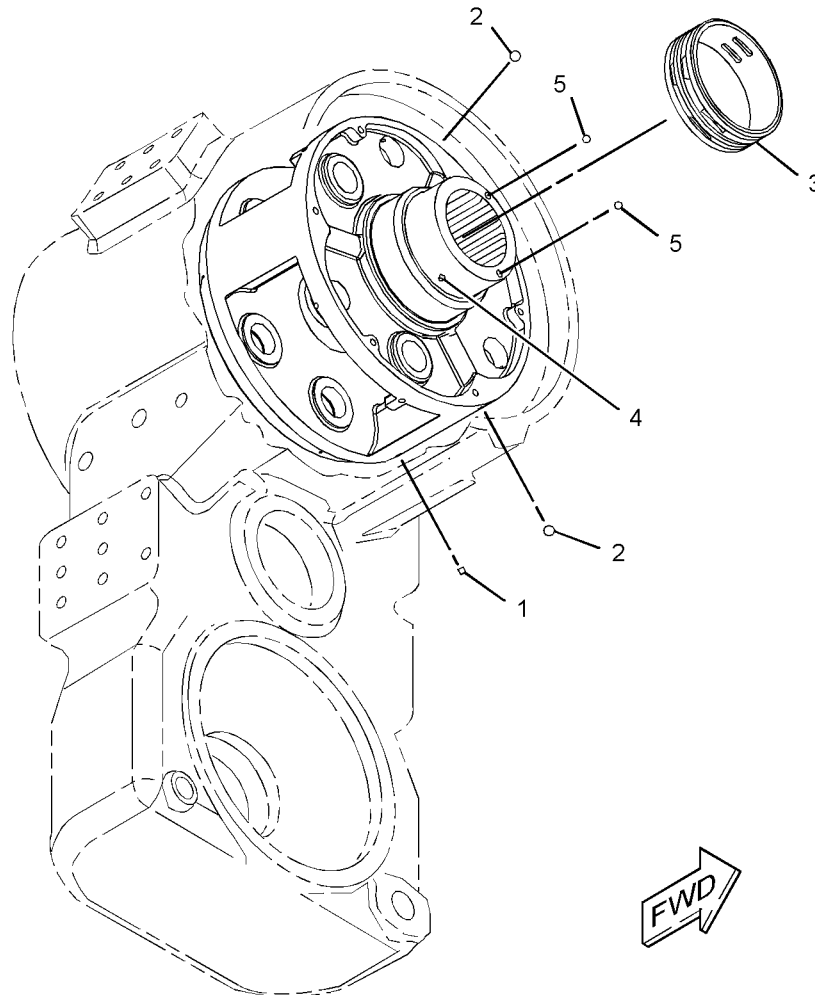
S/N: A5M1-UP

PART OF 335-1111 PLANETARY GP-TRANSFER GEAR

SMCS-3159

i04226509

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	148-9359	1	PLUG						
	2	1	4B-9784	2	BALL						
	3	1	335-1160	1	CARRIER-RING						
	4	1	2H-2255	1	DOWEL						
	5	1	4B-9782	2	BALL						



GRAPHIC #1

<END>

g02415540

POWER TRAIN

307-3848 CASE GP-TRANSMISSION

S/N: K2S1-UP

PART OF 303-2298 TRANSMISSION AR

SMCS-3064

i04171466

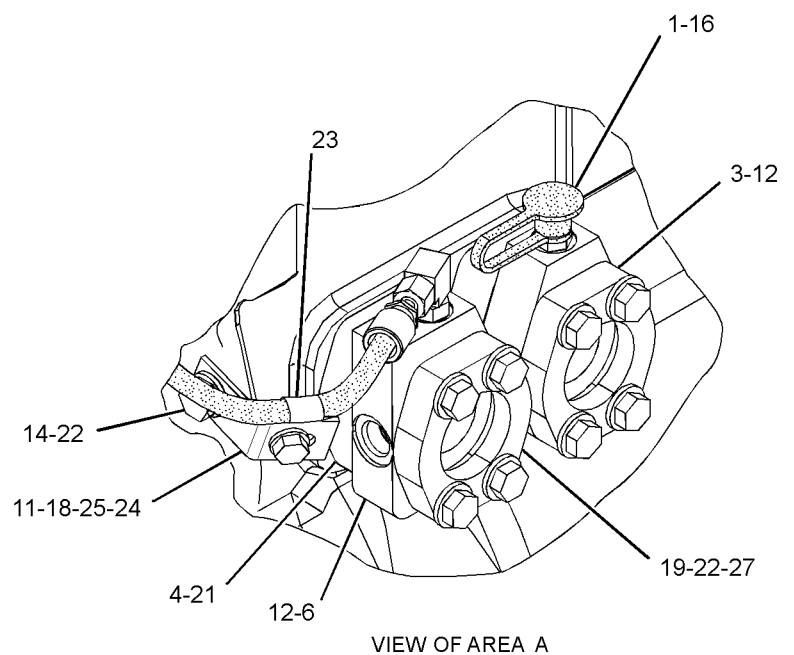
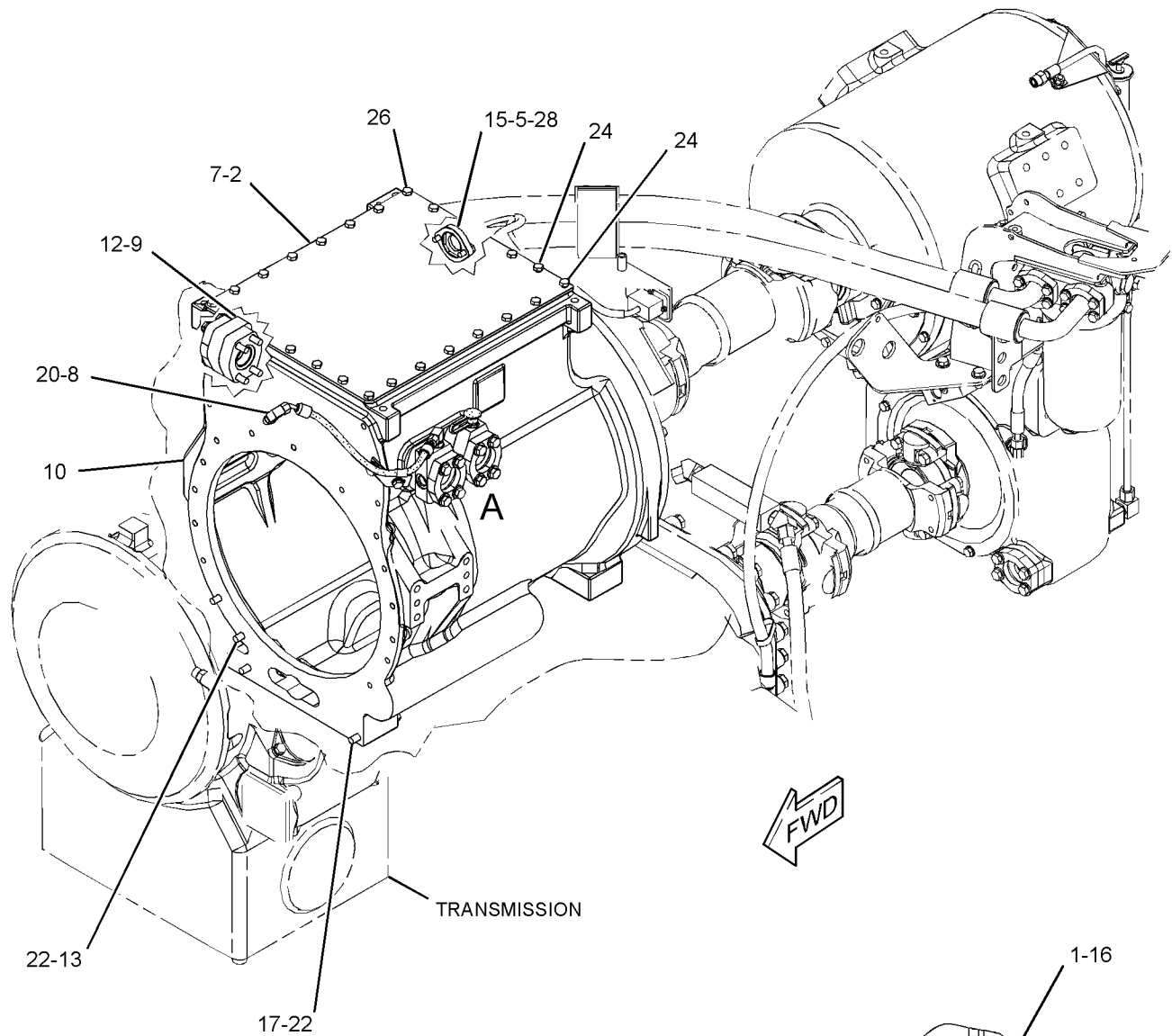
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6V-0852	1	CAP-DUST						
	2	1	7G-6373	1	GASKET						
	3	1	8W-5179	1	ADAPTER						
	4	1	9G-9928	3	FLANGE-ONE PIECE						
	5	1	104-6729	1	RETAINER						
	6	1	188-3024	1	ADAPTER						
	7	1	249-7054	1	COVER						
	8	1	250-9090	1	HOSE AS						
	9	1	308-8128	1	ADAPTER						
	10	1	341-8377	1	CASE-TRANSMISSION						
	11	1	353-9446	1	BRACKET						
	12	1	061-9455	3	SEAL-O-RING						
	13	1	0S-1585	2	BOLT (1/2-13X1.5-IN)						
	14	1	0S-1621	1	BOLT (1/2-13X1-IN)						
	15	1	104-6730	1	GASKET						
	16	1	164-5567	1	COUPLER AS-QUICK DISCONNECT (MALE)						
		1	6V-3965	1	FITTING (QUICK DISCONNECT)						
		1	214-7568	1	SEAL-O-RING						
	17	1	1D-4569	2	BOLT (1/2-13X4.25-IN)						
M	18	1	2Y-5829	1	NUT (M10X1.5-THD)						
	19	1	1P-4579	6	FLANGE-HALF						
	20	1	335-3982	2	ELBOW AS						
					(EACH INCLUDES)						
		1	6V-8627	1	ELBOW						
		1	214-7568	1	SEAL-O-RING						
		1	228-7088	1	SEAL-O-RING						
	21	1	5P-5846	3	SEAL-O-RING						
	22	1	5P-8245	17	WASHER-HARD (13.5X25.5X3-MM THK)						
	23	1	6V-3265	1	CLIP						
M	24	1	6V-4248	3	BOLT (M10X1.5X25-MM)						
	25	1	6V-5839	2	WASHER (11X21X2.5-MM THK)						
M	26	1	6V-6317	24	BOLT (M10X1.5X20-MM)						
M	27	1	8T-0106	12	BOLT (M12X1.75X100-MM)						
M	28	1	8T-4136	2	BOLT (M10X1.5X25-MM)						

M-METRIC PART

POWER TRAIN

307-3848 CASE GP-TRANSMISSION (contd.)

i04171466



GRAPHIC #1

<END>

g02386479

POWER TRAIN

357-9966 CONTROL GP-DIFFERENTIAL LOCK

S/N: T4R1-UP

PART OF 291-8791 HYDRAULIC AR

SMCS-3264

i04169666

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6U-0456	1	STRAP						
I	2	1	100-7530	1	HOSE AS						
I	3	1	307-3485	1	HOSE AS						
	4	1	343-9856	1	TUBE AS						
I	5	1	343-9862	1	HOSE AS						
Y	6	1	356-8336	1	VALVE GP-SOLENOID (DIFFERENTIAL LOCK)						453
	7	1	148-8336	1	CONNECTOR AS						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8636	1	CONNECTOR						
8		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						
9		1	148-8377	1	ELBOW AS						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8980	1	ELBOW						
10		1	148-8378	1	ELBOW AS						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8724	1	ELBOW						
11		1	148-8383	1	ELBOW AS						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	8T-1683	1	ELBOW						
12		1	148-8435	1	TEE AS						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	2	SEAL-O-RING						
		1	6V-8781	1	TEE						
13		1	148-8439	1	TEE AS						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	2	SEAL-O-RING						
		1	6V-8774	1	TEE						
14		1	6V-9168	1	NUT (11/16-16-THD)						
15		1	8T-1887	1	CLIP (SLOT)						
16		1	8T-1888	1	CLIP (TAB)						
17		1	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)						
M	18	1	8T-4137	3	BOLT (M10X1.5X20-MM)						
	19	1	8W-8909	1	SLEEVE						
	20	1	9X-8257	1	WASHER (17.5X30X3.5-MM THK)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM

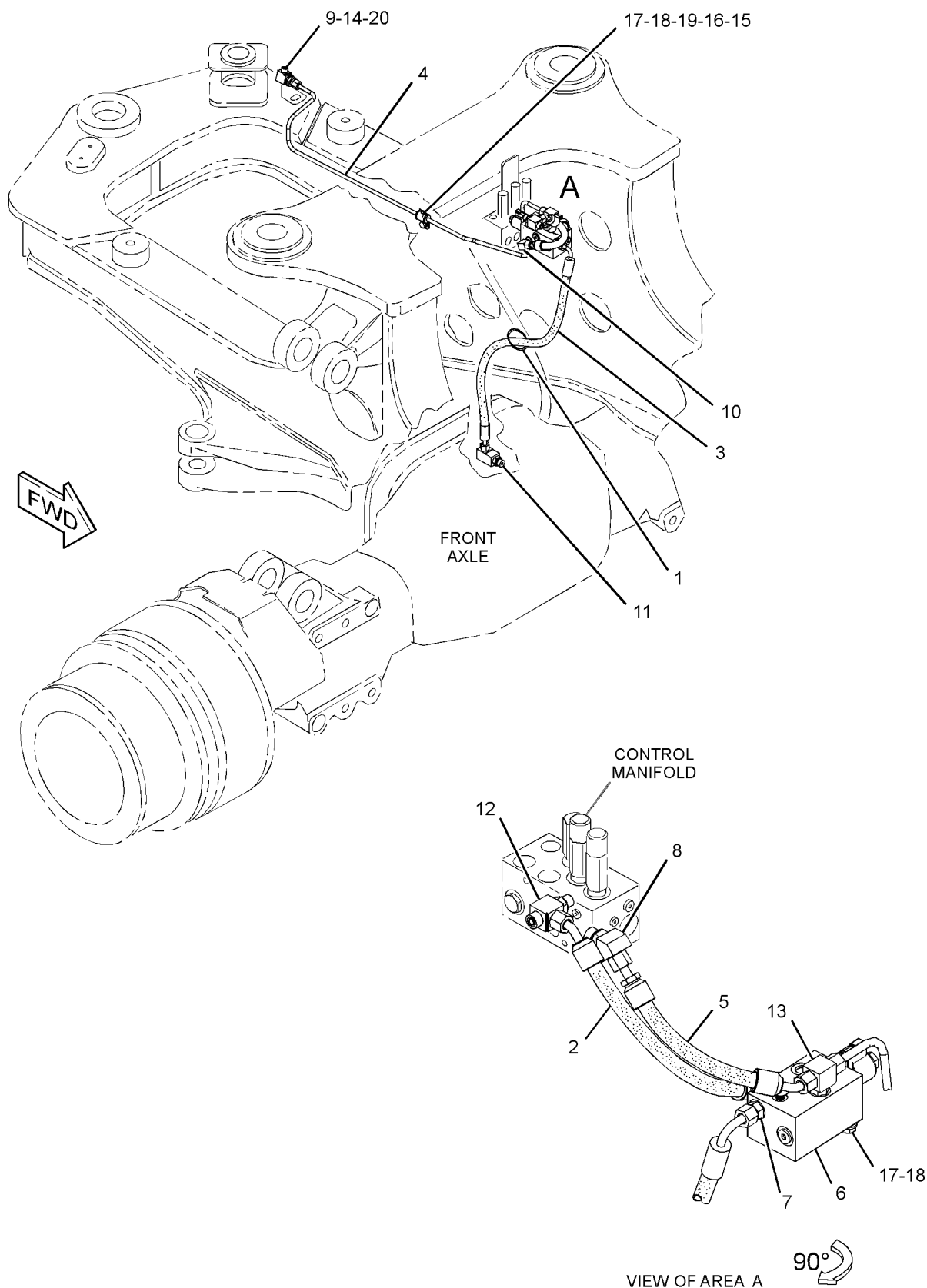
M-METRIC PART

Y-SEPARATE ILLUSTRATION

POWER TRAIN

357-9966 CONTROL GP-DIFFERENTIAL LOCK (contd.)

i04169666



GRAPHIC #1

<END>

g02372656

POWER TRAIN

357-9967 CONTROL GP-DIFFERENTIAL LOCK

S/N: T4R1-UP

PART OF 291-8802 HYDRAULIC AR

SMCS-3264

i04169661

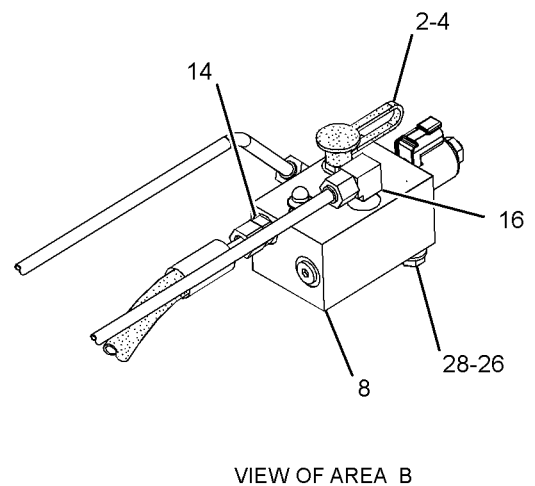
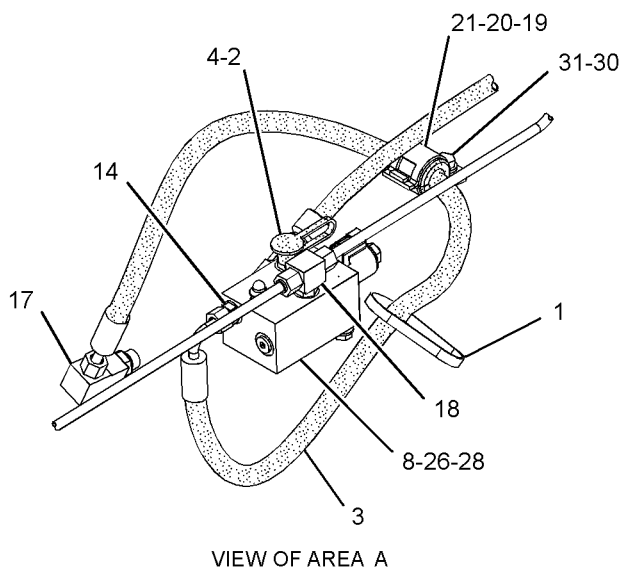
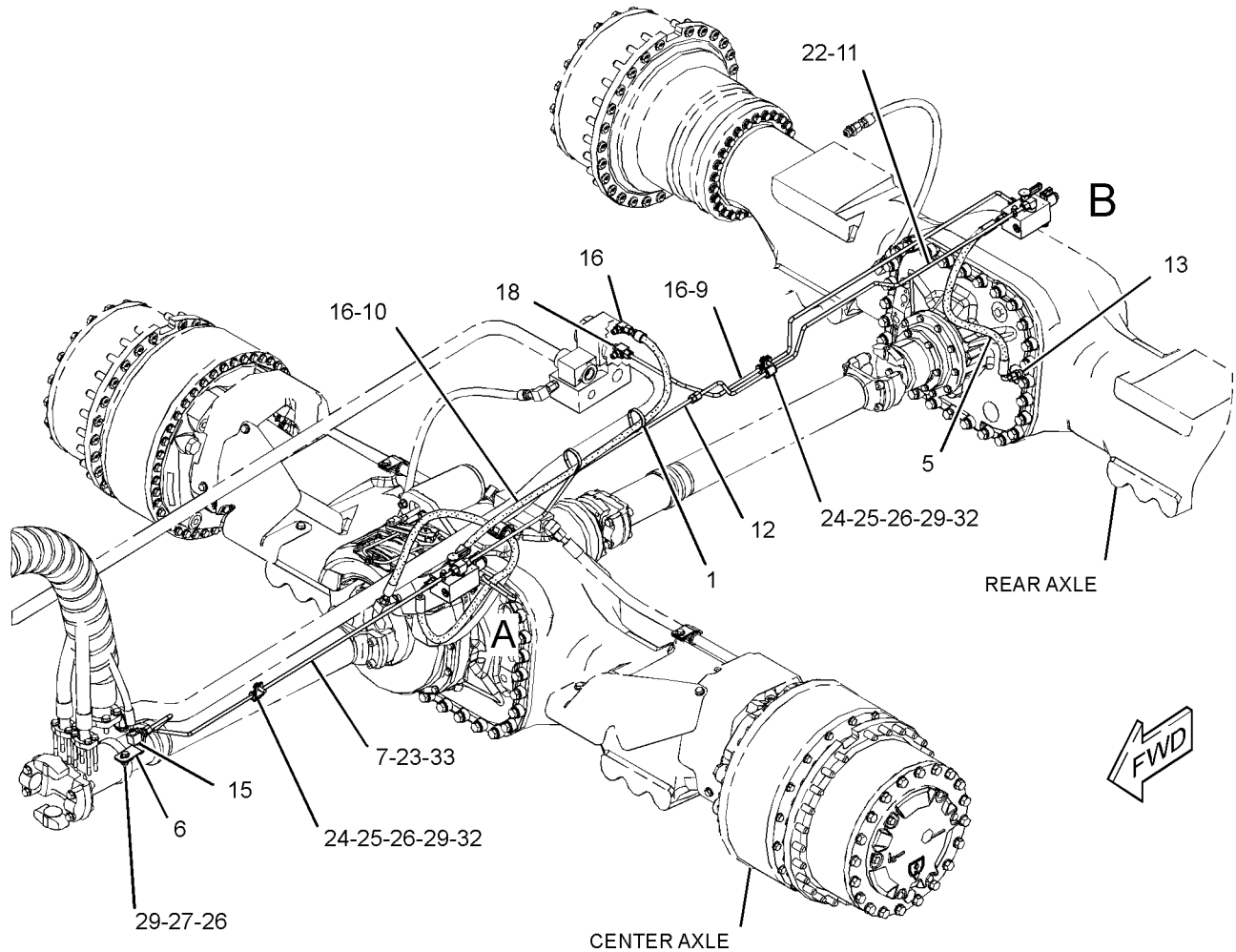
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	6U-0456	3	STRAP	
	2	1	6V-0852	2	CAP-DUST	
I	3	1	9U-4886	1	HOSE AS	
	4	1	164-5567	2	COUPLER AS-QUICK DISCONNECT (MALE)	
					(EACH INCLUDES)	
		1	6V-3965	1	FITTING (QUICK DISCONNECT)	
		1	214-7568	1	SEAL-O-RING	
I	5	1	241-9643	1	HOSE AS	
	6	1	351-8831	1	BRACKET	
	7	1	352-8232	1	TUBE AS	
Y	8	1	356-8336	2	VALVE GP-SOLENOID (DIFFERENTIAL LOCK)	453
	9	1	358-3944	1	TUBE AS	
I	10	1	359-6301	1	HOSE AS	
	11	1	361-6914	1	TUBE AS	
	12	1	361-6915	1	TUBE AS	
	13	1	148-8318	1	CONNECTOR AS	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-8634	1	CONNECTOR	
	14	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	
	15	1	148-8377	1	ELBOW AS	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-8980	1	ELBOW	
	16	1	148-8378	4	ELBOW AS	
					(EACH INCLUDES)	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-8724	1	ELBOW	
	17	1	148-8383	1	ELBOW AS	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	8T-1683	1	ELBOW	
	18	1	148-8439	2	TEE AS	
					(EACH INCLUDES)	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	2	SEAL-O-RING	
		1	6V-8774	1	TEE	
	19	1	5P-7464	1	CLIP (SLOT)	
	20	1	5P-7465	1	CLIP (TAB)	
	21	1	6V-1249	1	GROMMET	
	22	1	6V-8397	1	SEAL-O-RING	
	23	1	6V-9168	1	NUT (11/16-16-THD)	
	24	1	8T-1887	3	CLIP (SLOT)	
	25	1	8T-1888	3	CLIP (TAB)	
	26	1	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)	
M	27	1	8T-4133	1	NUT (M10X1.5-THD)	
M	28	1	8T-4137	4	BOLT (M10X1.5X20-MM)	
M	29	1	8T-4195	3	BOLT (M10X1.5X30-MM)	
	30	1	8T-4223	1	WASHER-HARD (13.5X25.5X3-MM THK)	
M	31	1	8T-4956	1	BOLT (M12X1.75X35-MM)	
	32	1	8W-8909	3	SLEEVE	
	33	1	9X-8257	1	WASHER (17.5X30X3.5-MM THK)	

POWER TRAIN

357-9967 CONTROL GP-DIFFERENTIAL LOCK (contd.)

i04169661

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



GRAPHIC #1

<END>

g02388676

POWER TRAIN

303-2295 CONTROL GP-TRANSMISSION HYD

S/N: K2S1-UP

PART OF 303-2298 TRANSMISSION AR

SMCS-3073, 3167

i04280729

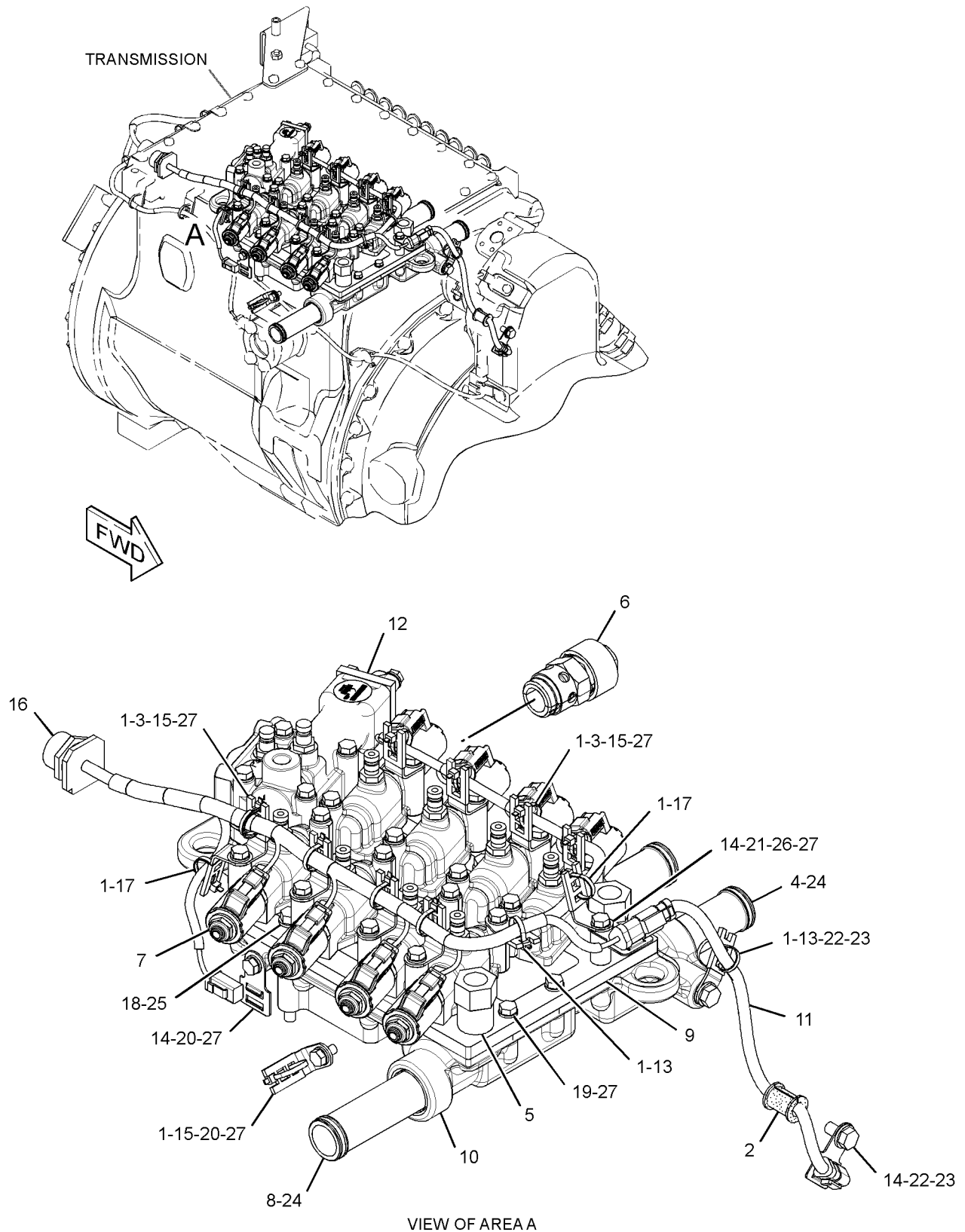
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	13	STRAP-CABLE						
	2	1	4P-7233	1	GROMMET						
M	3	1	6V-5221	20	BOLT (M8X1.25X80-MM)						
	4	1	7G-1595	2	SLEEVE						
	5	1	249-7068	2	ADAPTER-DRAIN						
Y	6	1	249-7070	1	VALVE GP-RELIEF (TRANSMISSION LUBRICATION)						450
Y	7	1	244-3114	8	VALVE GP-MODULATING (24-VOLT) (TRANSMISSION CONTROL)						449
	8	1	292-0076	1	SLEEVE						
	9	1	303-1984	1	PLATE						
	10	1	303-2296	1	MANIFOLD						
	11	1	305-4315	1	HARNESS AS-SENSOR (TORQUE CONVERTER OUTPUT)						
		1	155-2260	2	KIT-CONNECTING PLUG (3-PIN) (EACH INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
		1	8T-8730	6	SOCKET-CONNECTOR (16-GA TO 18-GA)						
Y	12	1	359-0964	1	VALVE GP-RELIEF (TRANSMISSION LUBRICATION)						451
	13	1	4P-7581	2	CLIP						
	14	1	130-5300	3	CLIP						
	15	1	132-5789	9	CLIP						
	16	1	341-8379	1	HARNESS AS-TRANSMISSION						
		1	9X-3401	3	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	155-2270	9	KIT-CONNECTING PLUG (2-PIN) (EACH INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
		1	102-8803	1	KIT-RECEPTACLE (3-PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
		1	180-9340	18	SOCKET-CONNECTOR (14-GA TO 18-GA)						
B		1	1P-0810		TAPE-ELECTRICAL						
E		1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (10-CM)						
	17	1	4P-8134	2	CLIP						
	18	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5-MM THK)						
M	19	1	6V-2317	2	BOLT (M8X1.25X30-MM)						
M	20	1	6V-5215	2	BOLT (M8X1.25X16-MM)						
M	21	1	6V-5220	1	BOLT (M8X1.25X65-MM)						
	22	1	6V-5839	2	WASHER (11X21X2.5-MM THK)						
M	23	1	6V-6317	2	BOLT (M10X1.5X20-MM)						
	24	1	8M-5254	6	SEAL-O-RING						
	25	1	8S-9191	4	BOLT (3/8-16X4-IN)						
	26	1	9C-2741	1	SPACER (13.94X17.14X34-MM THK)						
	27	1	9M-1974	25	WASHER-HARD (8.8X16X2-MM THK)						

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

POWER TRAIN

303-2295 CONTROL GP-TRANSMISSION HYD (contd.)

i04280729



GRAPHIC #1

<END>

g02380496

POWER TRAIN

352-2732 COOLER GP-BRAKE & TORQUE CONV

S/N: TXL1-UP; L4X1-UP

PART OF 342-6157 LINES GP-WATER

SMCS-1366, 1375

i04183231

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2S-0795	4	GASKET						
	2	1	8M-9307	2	PLUG						
	3	1	8S-4304	2	BONNET-XMSN OIL COOLER						
R	4	1	187-3523	2	CORE AS-OIL COOLER (BRAKE, TORQUE CONVERTER OIL)						
					(EACH INCLUDES)						
		1	8T-6764	1	PLUG-PIPE (1/8-27-THD)						
	5	1	351-8676	1	BRACKET AS						
M		1	8T-3597	2	NUT-WELD (M12X1.75-THD)						
	6	1	352-9827	1	BONNET-OIL COOLER						
	7	1	0S-1594	2	BOLT (3/8-16X1-IN)						
	8	1	109-0077	1	SEAL-O-RING						
	9	1	1A-2029	2	BOLT (3/8-16X1.125-IN)						
	10	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	11	1	5P-8245	4	WASHER-HARD (13.5X25.5X3-MM THK)						
	12	1	6F-7062	2	WASHER (12.7X19.05X1.83-MM THK)						
M	13	1	6V-3668	8	BOLT (M12X1.75X30-MM)						
	14	1	6V-5064	1	SEAL-O-RING						
M	15	1	6V-7673	4	BOLT (M12X1.75X50-MM)						
M	16	1	8T-0106	12	BOLT (M12X1.75X100-MM)						
	17	1	9S-9334	1	PLUG-O-RING						

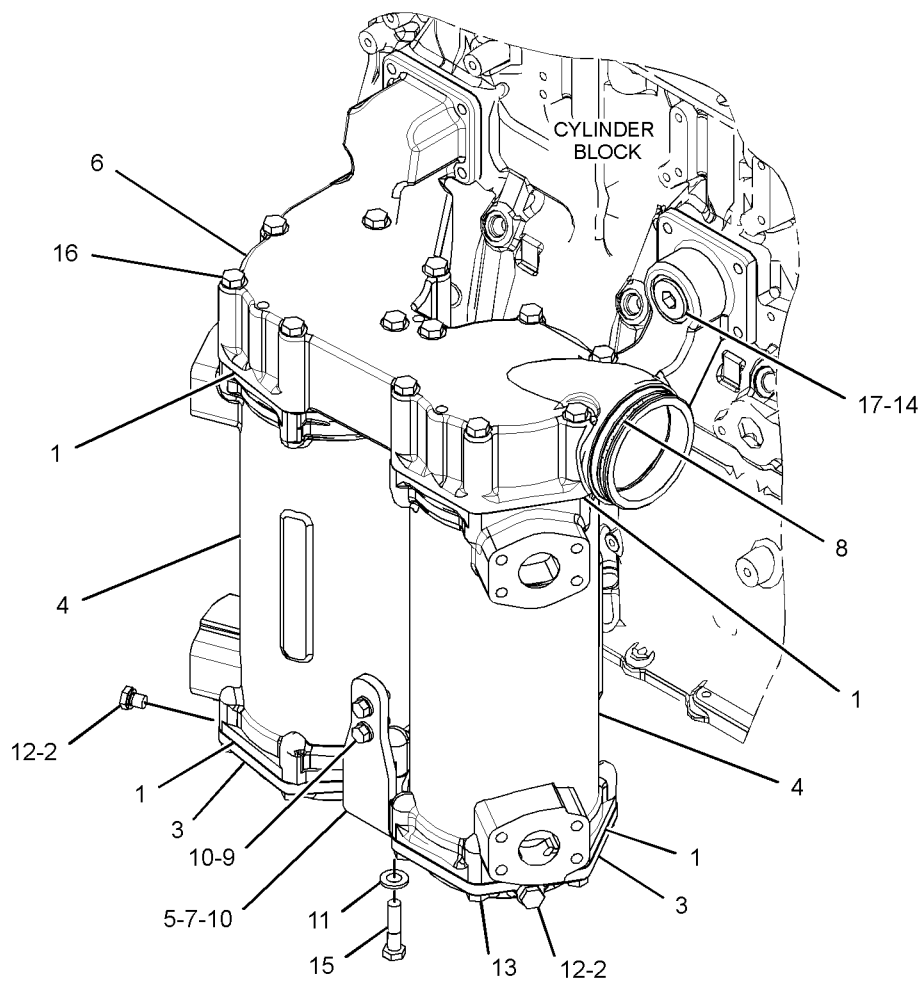
M-METRIC PART

R-REMFG PART MAY BE AVAILABLE

POWER TRAIN

352-2732 COOLER GP-BRAKE & TORQUE CONV (contd.)

i04183231



GRAPHIC #1

<END>

g02382398

POWER TRAIN

356-4662 DIFFERENTIAL & BEVEL GEAR GP-AXLE, FRONT

S/N: T4R1-UP

PART OF 325-7003 AXLE GP-FRONT

FIELD REPLACEMENT FOR 356-4664-PAGE 382

SMCS-3256, 3258

i04279543

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1J-2860	1	CUP-BEARING						
	2	1	2D-9454	1	CUP-BEARING (TAPERED ROLLER)						
	3	1	2D-9455	1	CONE-BEARING						
	4	1	3F-5792	1	SEAL-O-RING						
	5	2	3S-1374	3	SPRING						
	6	1	5P-9505	1	CONE-BEARING						
	7	1,2	8S-9075	2	CONE-BEARING						
	8	1,2	8S-9076	2	CUP-BEARING						
M	9	2	127-1960	4	SCREW-FLAT HEAD (M6X1X16-MM)						
	10	2	138-1490	3	SPACER (10.2X18X15-MM THK)						
	11	1,2	138-3624	2	RING						
	12	1,2	138-3626	2	LOCK						
	13	2	138-3638	1	HUB						
	14	1	138-4096	5	SHIM (0.05-MM THK)						
	15	1	138-4097	5	SHIM (0.08-MM THK)						
	16	1	138-4098	3	SHIM (0.12-MM THK)						
	17	1	138-4099	1	SHIM (0.5-MM THK)						
	18	1	143-7605	1	RETAINER						
	19	1	147-7245	1	GEAR SET-BEVEL						
	20	1	147-7381	1	CAGE						
	21	2	151-8281	1	PLATE						
	22	2	151-8282	5	PLATE						
	23	2	151-8397	1	PLATE						
	24	2	152-4093	1	HOUSING						
	25	2	224-2323	2	BEARING-THRUST						
	26	2	258-4467	1	HUB AS						
		2	151-8108	3	DOWEL						
	27	1	293-4503	1	SEAL-LIP TYPE						
	28	1	296-9950	1	LOCKNUT AS						
		1	5L-4753	1	RING-RETAINING						
Y	29	1	320-1132	1	CARRIER GP-DIFFERENTIAL (AXLE, FRONT)						361
	30	1	320-1136	1	SHROUD						
Y	31	1	323-6203	1	DIFFERENTIAL GP						386
	32	1	333-4636	1	GEAR-SENSOR						
	33	1	333-4637	1	GEAR-SENSOR						
	34	2	355-8796	1	PISTON						
	35	2	355-8990	5	DISC-FRICTION						
	36	2	355-9368	1	SEAL-D-RING						
	37	2	355-9369	1	SEAL-D-RING						
	38	2	356-1825	1	TUBE						
	39	2	356-2456	2	SEAL-O-RING						
Y	40	1	359-6295	1	SENSOR & MTG GP-SPEED (TRACTION CONTROL)						270
	41	2	148-8411	1	PLUG AS						
		2	3K-0360	1	SEAL-O-RING						
		2	9S-4185	1	PLUG-O-RING						
M	42	2	160-8509	28	BOLT (M16X2X50-MM)						
	43	2	171-3010	28	WASHER-HARD (17.5X32X7-MM THK)						
M	44	1	3E-8025	4	BOLT-SOCKET HEAD (M8X1.25X50-MM)						
M	45	1,2	5C-9553	4	BOLT (M6X1X16-MM)						
	46	2	7X-7729	3	WASHER (11X25X3-MM THK)						
	47	2	8C-3347	2	PIN-ROLL						
	48	1	8T-4121	16	WASHER-HARD (11X21X2.5-MM THK)						
M	49	1,2	8T-4195	19	BOLT (M10X1.5X30-MM)						
	50	2	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)						
	51	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)						

POWER TRAIN

356-4662 DIFFERENTIAL & BEVEL GEAR GP (contd.)

i04279543

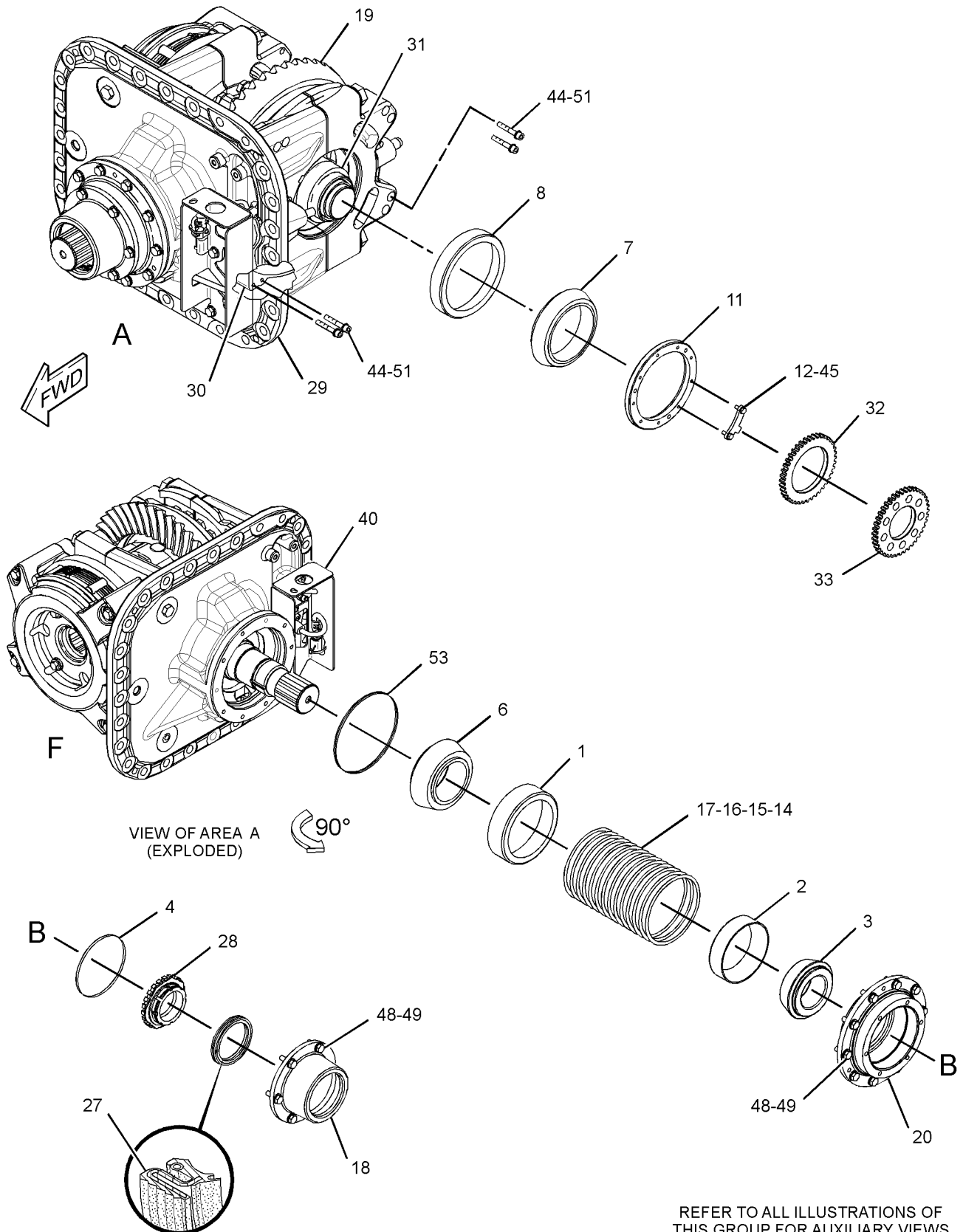
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
M	52	2	8T-5412	4	BOLT (M12X1.75X140-MM)	
	53	1	9F-1399	1	SEAL-O-RING	

M-METRIC PART
Y-SEPARATE ILLUSTRATION

POWER TRAIN

356-4662 DIFFERENTIAL & BEVEL GEAR GP (contd.)

i04279543



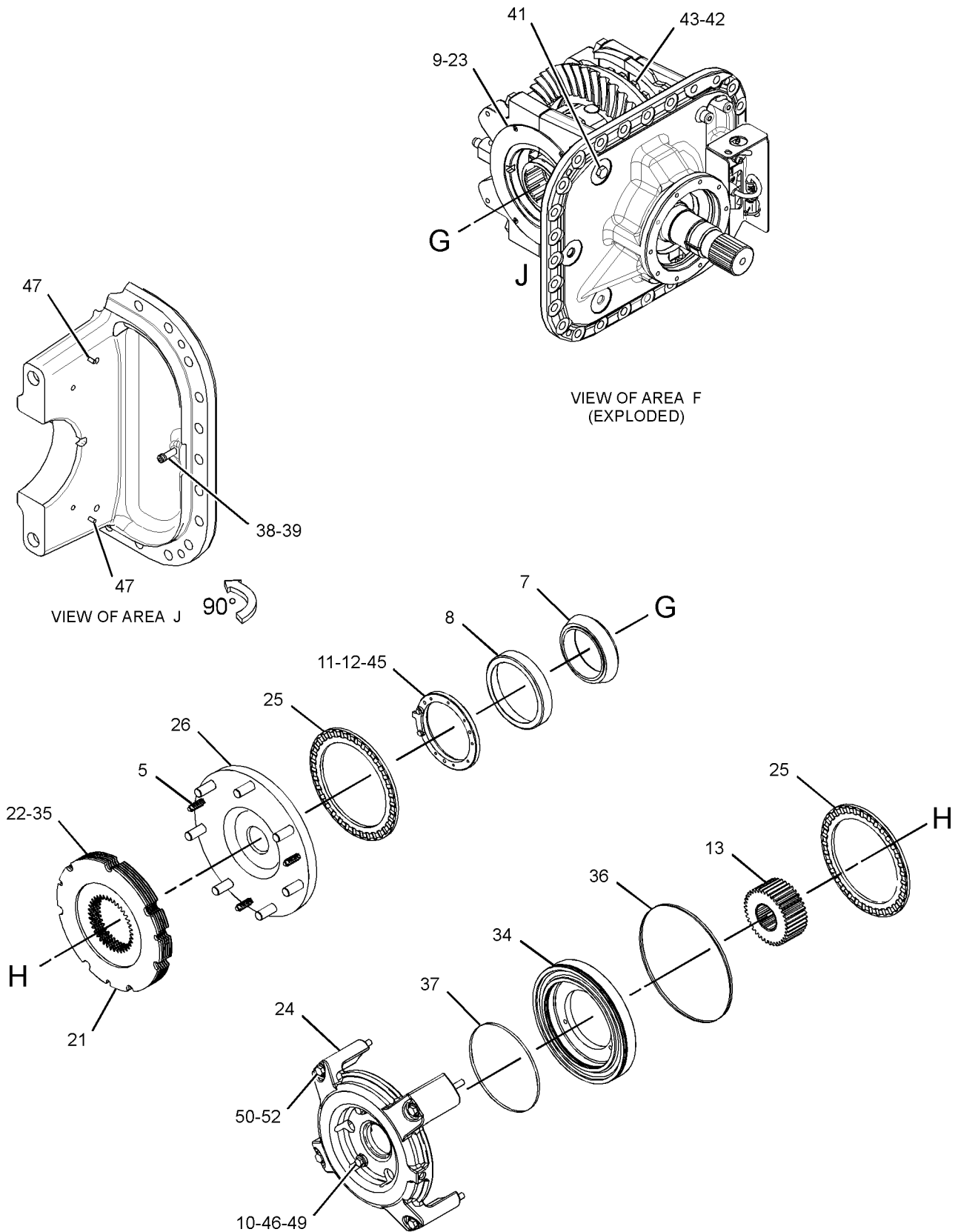
GRAPHIC #1

g02408258

POWER TRAIN

356-4662 DIFFERENTIAL & BEVEL GEAR GP (contd.)

i04279543



GRAPHIC #2

g02408257

POWER TRAIN

356-4663 DIFFERENTIAL & BEVEL GEAR GP-AXLE, CENTER

S/N: T4R1-UP

PART OF 325-7004 AXLE GP-CENTER

SMCS-3256, 3258

i04279587

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	1J-2860	1	CUP-BEARING	
	2	2	2D-9454	1	CUP-BEARING (TAPERED ROLLER)	
	3	2	2D-9455	1	CONE-BEARING	
	4	3	3S-1374	3	SPRING	
	5	2	5P-9505	1	CONE-BEARING	
	6	3	5S-3676	1	SEAL-O-RING	
	7	3	6V-5057	1	SEAL-O-RING	
	8	2	8H-7801	2	CONE-BEARING (TAPERED)	
	9	2	8H-7803	2	CUP-BEARING (TAPERED ROLLER)	
	10	1, 3	8S-9075	2	CONE-BEARING	
	11	1, 3	8S-9076	2	CUP-BEARING	
	12	2	9D-1853	2	RETAINER	
	13	2	9D-1854	1	SPACER-SPECIAL	
M	14	3	127-1960	4	SCREW-FLAT HEAD (M6X1X16-MM)	
	15	3	138-1490	3	SPACER (10.2X18X15-MM THK)	
	16	2	138-1505	1	SPACER-SPECIAL	
	17	1, 3	138-3624	2	RING	
	18	1, 3	138-3626	2	LOCK	
	19	3	138-3638	1	HUB	
	20	2	138-4096	5	SHIM (0.05-MM THK)	
	21	2	138-4097	5	SHIM (0.08-MM THK)	
	22	2	138-4098	3	SHIM (0.12-MM THK)	
	23	2	138-4099	1	SHIM (0.5-MM THK)	
	24	2	139-2154	1	CAGE	
	25	2	139-2155	4	SHIM (0.08-MM THK)	
	26	2	139-2156	5	SHIM (0.12-MM THK)	
	27	1	147-6794	1	GEAR SET-BEVEL	
	28	2	147-7379	1	GEAR (33-TEETH)	
	29	2	147-7383	1	RETAINER-SEAL	
	30	3	151-8281	1	PLATE	
	31	3	151-8282	5	PLATE	
	32	3	151-8397	1	PLATE	
	33	3	152-4093	1	HOUSING	
	34	2	168-9029	1	GEAR AS	
		2	4K-0149	1	PLUG-CUP	
	35	2	184-4339	1	SHIM (0.92-MM THK)	
	36	3	224-2323	2	BEARING-THRUST	
	37	3	258-4467	1	HUB AS	
		3	151-8108	3	DOWEL	
	38	2	293-4503	1	SEAL-LIP TYPE	
	39	2	296-9950	1	LOCKNUT AS	
		2	5L-4753	1	RING-RETAINING	
Y	40	1	320-1138	1	CARRIER GP-DIFFERENTIAL (AXLE, CENTER)	362
Y	41	1	323-6203	1	DIFFERENTIAL GP	386
	42	1	333-4636	1	GEAR-SENSOR	
	43	1	333-4637	1	GEAR-SENSOR	
	44	3	355-8796	1	PISTON	
	45	3	355-8990	5	DISC-FRICTION	
	46	3	355-9368	1	SEAL-D-RING	
	47	3	355-9369	1	SEAL-D-RING	
	48	3	356-1825	1	TUBE	
	49	3	356-2456	2	SEAL-O-RING	
Y	50	1	359-6304	1	SENSOR & MTG GP-SPEED (TRACTION CONTROL)	271
M	51	2	136-4183	4	BOLT-12 POINT HEAD (M10X1.5X30-MM)	
M	52	3	160-8509	28	BOLT (M16X2X50-MM)	
	53	3	171-3010	28	WASHER-HARD (17.5X32X7-MM THK)	

POWER TRAIN

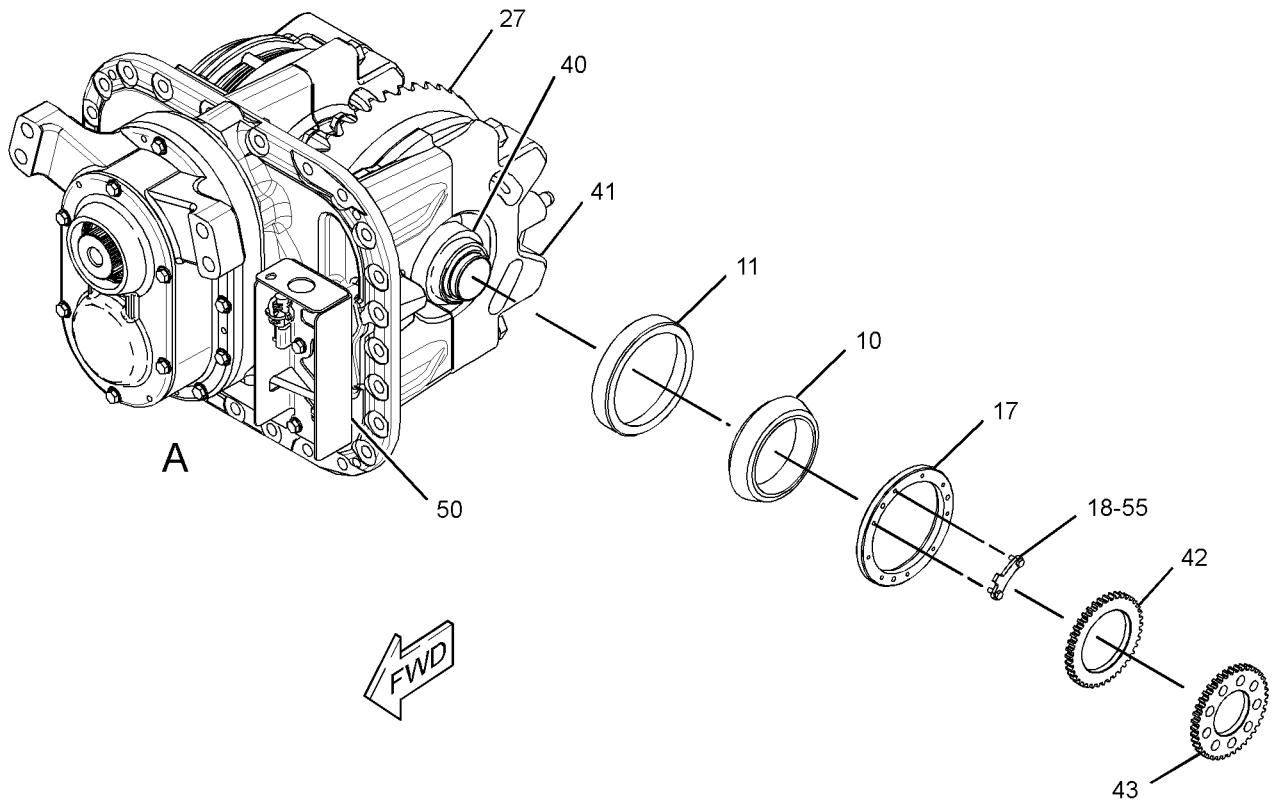
356-4663 DIFFERENTIAL & BEVEL GEAR GP (contd.)

i04279587

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	54	3	1S-2199	2	DOWEL						
M	55	1, 3	5C-9553	4	BOLT (M6X1X16-MM)						
	56	3	7X-7729	3	WASHER (11X25X3-MM THK)						
	57	3	8C-3347	2	PIN-ROLL						
	58	2	8T-4121	10	WASHER-HARD (11X21X2.5-MM THK)						
M	59	2, 3	8T-4195	9	BOLT (M10X1.5X30-MM)						
	60	3	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)						
M	61	3	8T-5412	4	BOLT (M12X1.75X140-MM)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



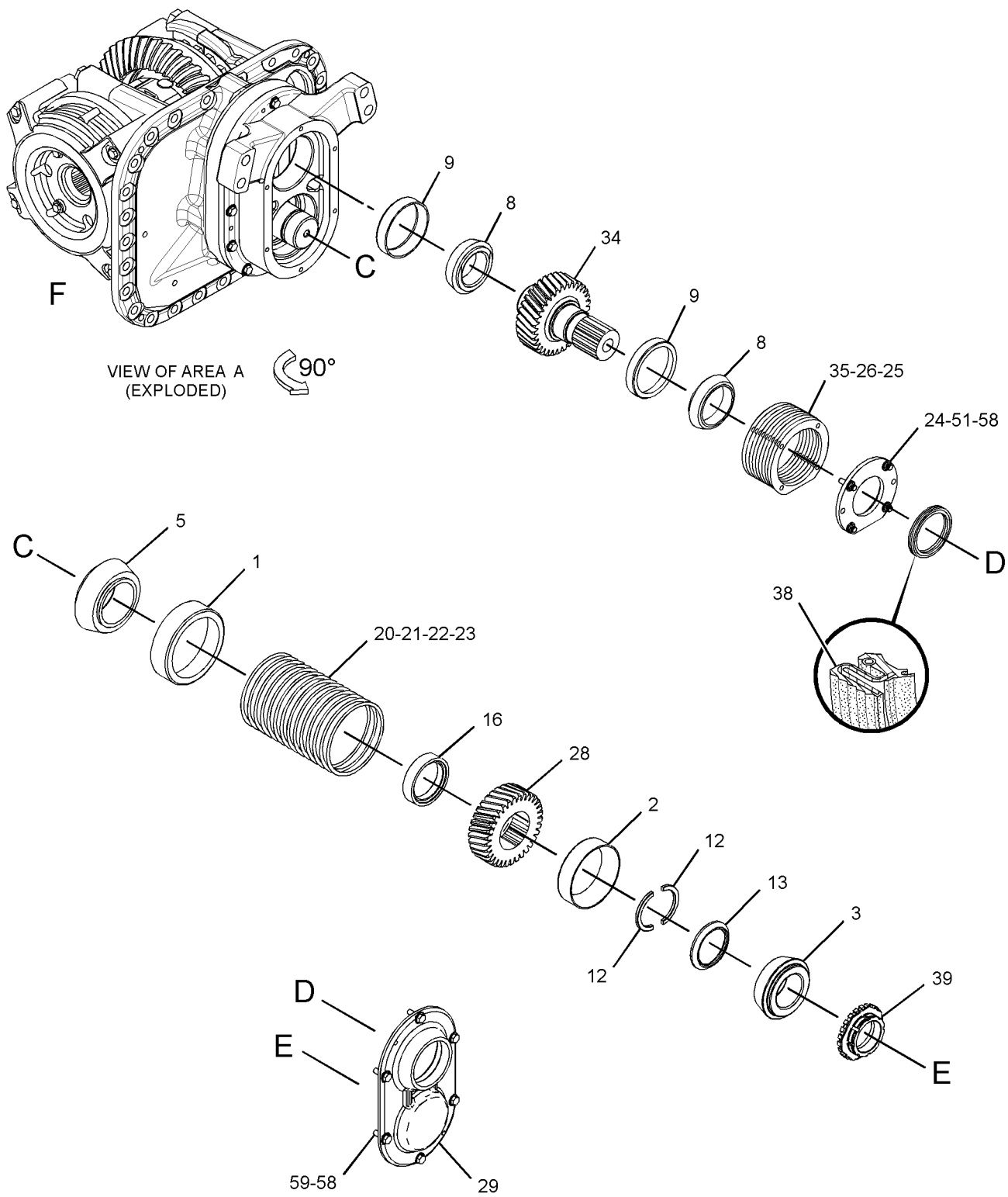
GRAPHIC #1

g02407367

POWER TRAIN

356-4663 DIFFERENTIAL & BEVEL GEAR GP (contd.)

i04279587



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

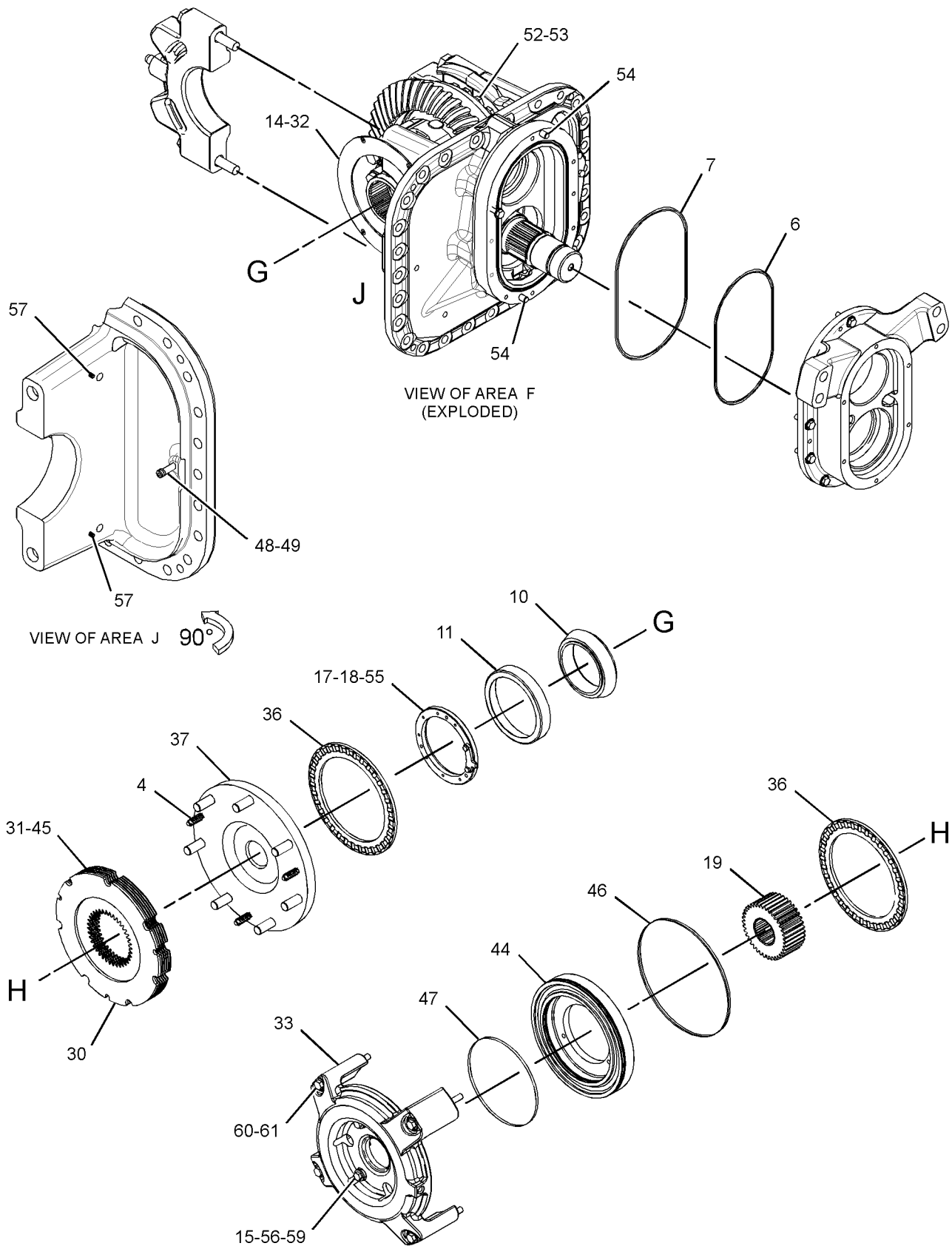
GRAPHIC #2

g02407368

POWER TRAIN

356-4663 DIFFERENTIAL & BEVEL GEAR GP (contd.)

i04279587



GRAPHIC #3

<END>

g02407369

POWER TRAIN

356-4664 DIFFERENTIAL & BEVEL GEAR GP-AXLE, REAR

S/N: T4R1-UP

PART OF 348-4792 AXLE GP-REAR

FIELD REPLACEMENT ORDER 356-4662-PAGE 374

SMCS-3256, 3258

i04279634

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1J-2860	1	CUP-BEARING	
	2	1	2D-9454	1	CUP-BEARING (TAPERED ROLLER)	
	3	1	2D-9455	1	CONE-BEARING	
	4	1	3F-5792	1	SEAL-O-RING	
	5	2	3S-1374	3	SPRING	
	6	1	5P-9505	1	CONE-BEARING	
	7	1,2	8S-9075	2	CONE-BEARING	
	8	1,2	8S-9076	2	CUP-BEARING	
M	9	2	127-1960	4	SCREW-FLAT HEAD (M6X1X16-MM)	
	10	2	138-1490	3	SPACER (10.2X18X15-MM THK)	
	11	1,2	138-3624	2	RING	
	12	1,2	138-3626	2	LOCK	
	13	2	138-3638	1	HUB	
	14	1	138-4096	5	SHIM (0.05-MM THK)	
	15	1	138-4097	5	SHIM (0.08-MM THK)	
	16	1	138-4098	3	SHIM (0.12-MM THK)	
	17	1	138-4099	1	SHIM (0.5-MM THK)	
	18	1	143-7605	1	RETAINER	
	19	2	147-7245	1	GEAR SET-BEVEL	
	20	1	147-7381	1	CAGE	
	21	2	151-8281	1	PLATE	
	22	2	151-8282	5	PLATE	
	23	2	151-8397	1	PLATE	
	24	2	152-4093	1	HOUSING	
	25	2	224-2323	2	BEARING-THRUST	
	26	2	258-4467	1	HUB AS	
		2	151-8108	3	DOWEL	
	27	1	293-4503	1	SEAL-LIP TYPE	
	28	1	296-9950	1	LOCKNUT AS	
		1	5L-4753	1	RING-RETAINING	
Y	29	1	320-1132	1	CARRIER GP-DIFFERENTIAL (AXLE, REAR)	361
	30	1	320-1136	1	SHROUD	
Y	31	1	323-6203	1	DIFFERENTIAL GP	386
	32	1	333-4636	1	GEAR-SENSOR	
	33	1	333-4637	1	GEAR-SENSOR	
	34	2	355-8796	1	PISTON	
	35	2	355-8990	5	DISC-FRICTION	
	36	2	355-9368	1	SEAL-D-RING	
	37	2	355-9369	1	SEAL-D-RING	
	38	2	356-1825	1	TUBE	
	39	2	356-2456	2	SEAL-O-RING	
Y	40	1	359-5159	1	SENSOR & MTG GP-SPEED (WHEEL SPEED)	269
	41	2	148-8411	1	PLUG AS	
		2	3K-0360	1	SEAL-O-RING	
		2	9S-4185	1	PLUG-O-RING	
M	42	2	160-8509	28	BOLT (M16X2X50-MM)	
	43	2	171-3010	28	WASHER-HARD (17.5X32X7-MM THK)	
M	44	1	3E-8025	4	BOLT-SOCKET HEAD (M8X1.25X50-MM)	
M	45	1,2	5C-9553	4	BOLT (M6X1X16-MM)	
	46	2	7X-7729	3	WASHER (11X25X3-MM THK)	
	47	2	8C-3347	2	PIN-ROLL	
	48	1	8T-4121	16	WASHER-HARD (11X21X2.5-MM THK)	
M	49	1,2	8T-4195	19	BOLT (M10X1.5X30-MM)	
	50	2	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)	
	51	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)	

POWER TRAIN

356-4664 DIFFERENTIAL & BEVEL GEAR GP (contd.)

i04279634

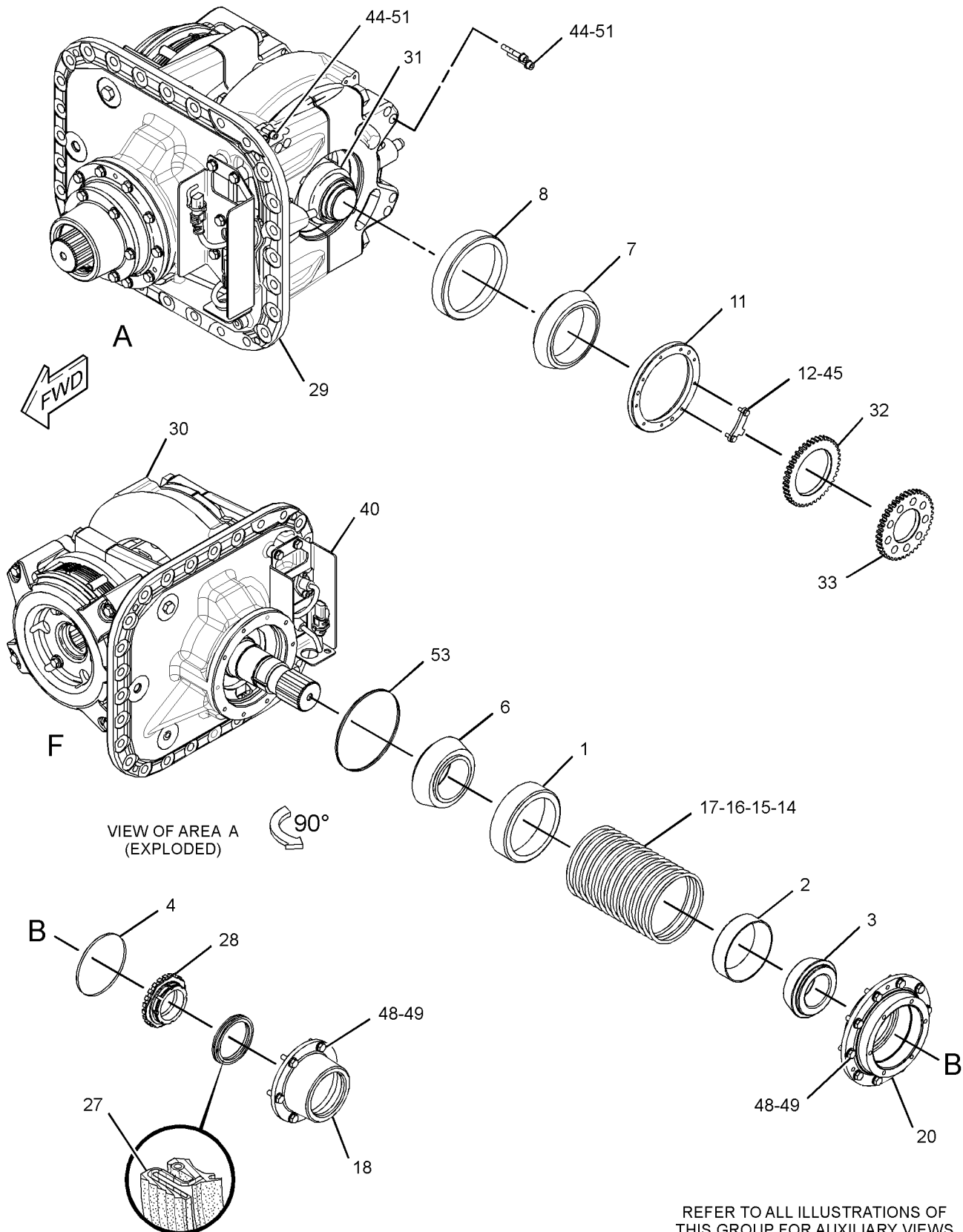
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
M	52	2	8T-5412	4	BOLT (M12X1.75X140-MM)	
	53	1	9F-1399	1	SEAL-O-RING	

M-METRIC PART
Y-SEPARATE ILLUSTRATION

POWER TRAIN

356-4664 DIFFERENTIAL & BEVEL GEAR GP (contd.)

i04279634



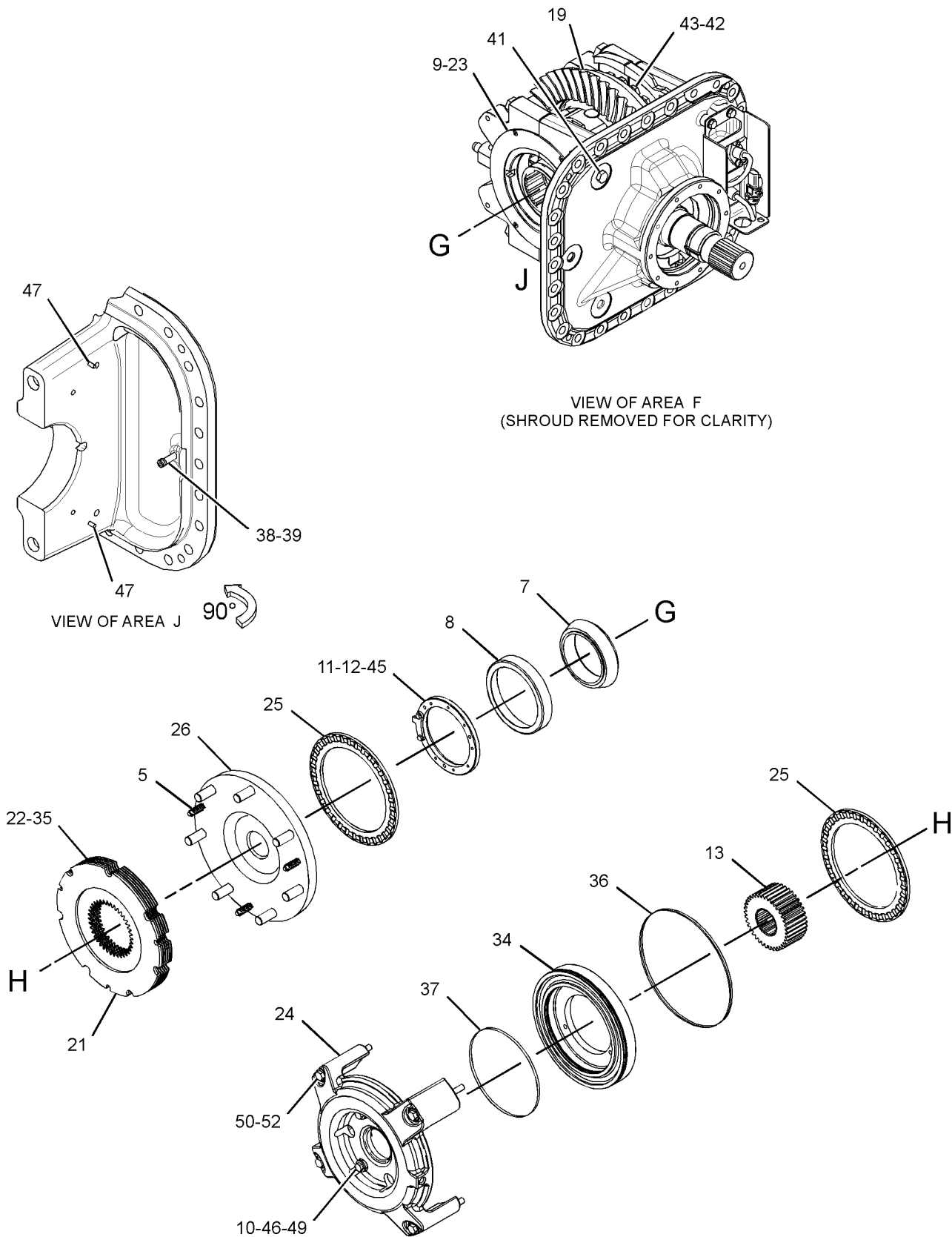
GRAPHIC #1

g02408800

POWER TRAIN

356-4664 DIFFERENTIAL & BEVEL GEAR GP (contd.)

i04279634



g02408798

POWER TRAIN

323-6203 DIFFERENTIAL GP

S/N: T4R1-UP

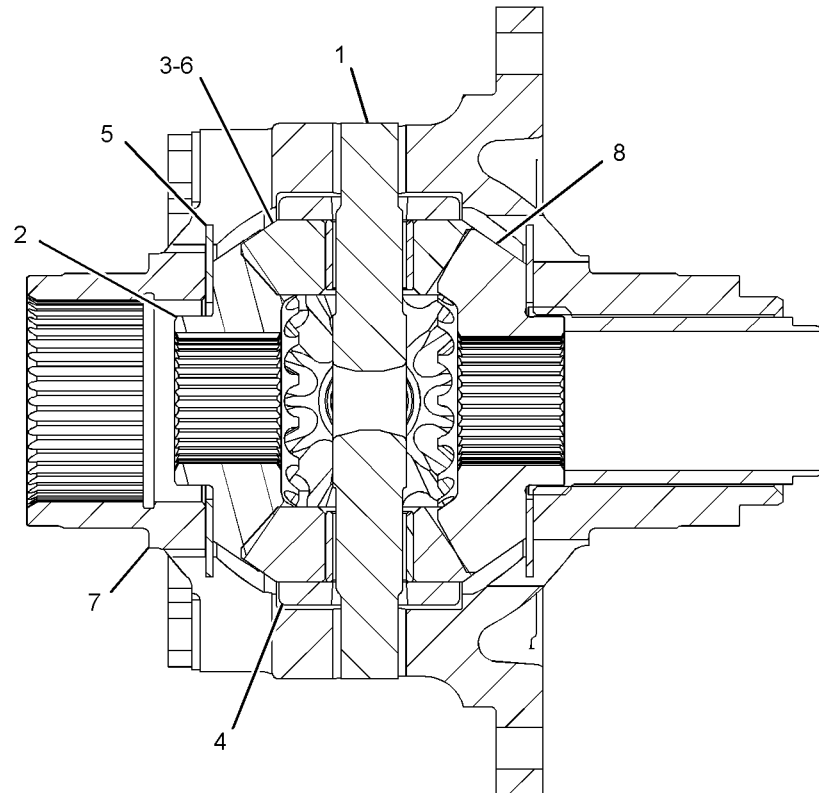
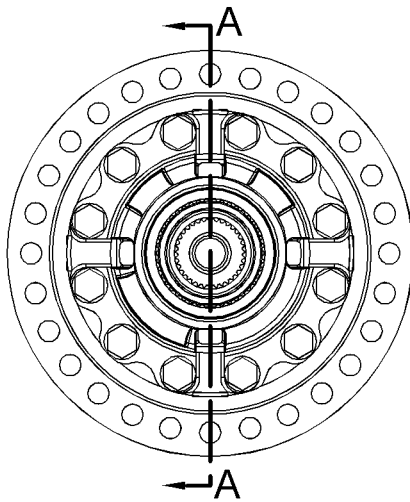
PART OF 356-4662, 356-4663, 356-4664 DIFFERENTIAL & BEVEL GEAR GP

SMCS-3258

i04171467

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	4V-5392	1	SPIDER	
	2	1	136-6551	1	GEAR (16-TEETH)	
	3	1	139-2169	4	PINION	
	4	1	139-2176	4	WASHER-SPECIAL	
	5	1	139-2239	2	WASHER-THRUST	
	6	1	243-6480	4	BUSHING	
	7	1	333-4623	1	CASE AS-DIFFERENTIAL	
M		1	8T-0207	12	BOLT (M16X2X100-MM)	
		1	9X-8268	12	WASHER (17.5X30X3.5-MM THK)	
	8	1	338-9635	1	GEAR AS-DIFFERENTIAL	

M-METRIC PART



SECTION A-A

GRAPHIC #1

<END>

g02377422

POWER TRAIN

291-8905 FILLER GP-POWER TRAIN OIL

S/N: T4R1-UP

PART OF 291-8722 POWER TRAIN AR

SMCS-3005, 3081

i04169618

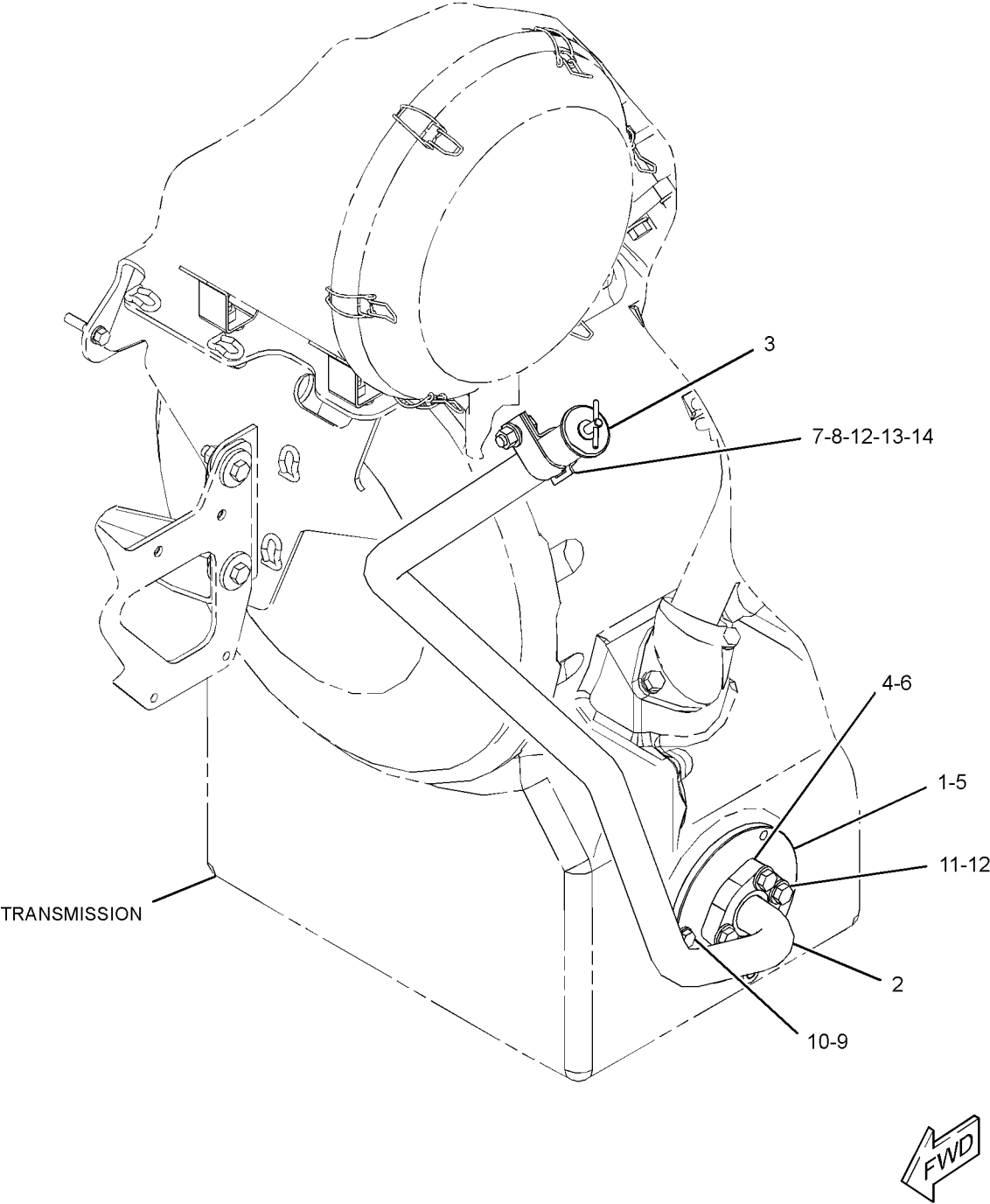
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	206-7169	1	COVER AS						
	2	1	344-8999	1	TUBE AS						
	3	1	344-9001	1	GAUGE-TRANSMISSION OIL						
	4	1	1P-4579	2	FLANGE-HALF						
	5	1	3F-5792	1	SEAL-O-RING						
	6	1	4J-0524	1	SEAL-O-RING						
	7	1	7S-8920	1	CLIP (SLOT)						
	8	1	7S-8921	1	CLIP (TAB)						
	9	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
M	10	1	8T-4136	2	BOLT (M10X1.5X25-MM)						
M	11	1	8T-4184	4	BOLT (M12X1.75X45-MM)						
	12	1	8T-4223	6	WASHER-HARD (13.5X25.5X3-MM THK)						
M	13	1	8T-4244	1	NUT (M12X1.75-THD)						
M	14	1	8T-4956	1	BOLT (M12X1.75X35-MM)						

M-METRIC PART

POWER TRAIN

291-8905 FILLER GP-POWER TRAIN OIL (contd.)

i04169618



POWER TRAIN

346-5571 FILTER GP-OIL-TRANSMISSION

S/N: T4R1-UP

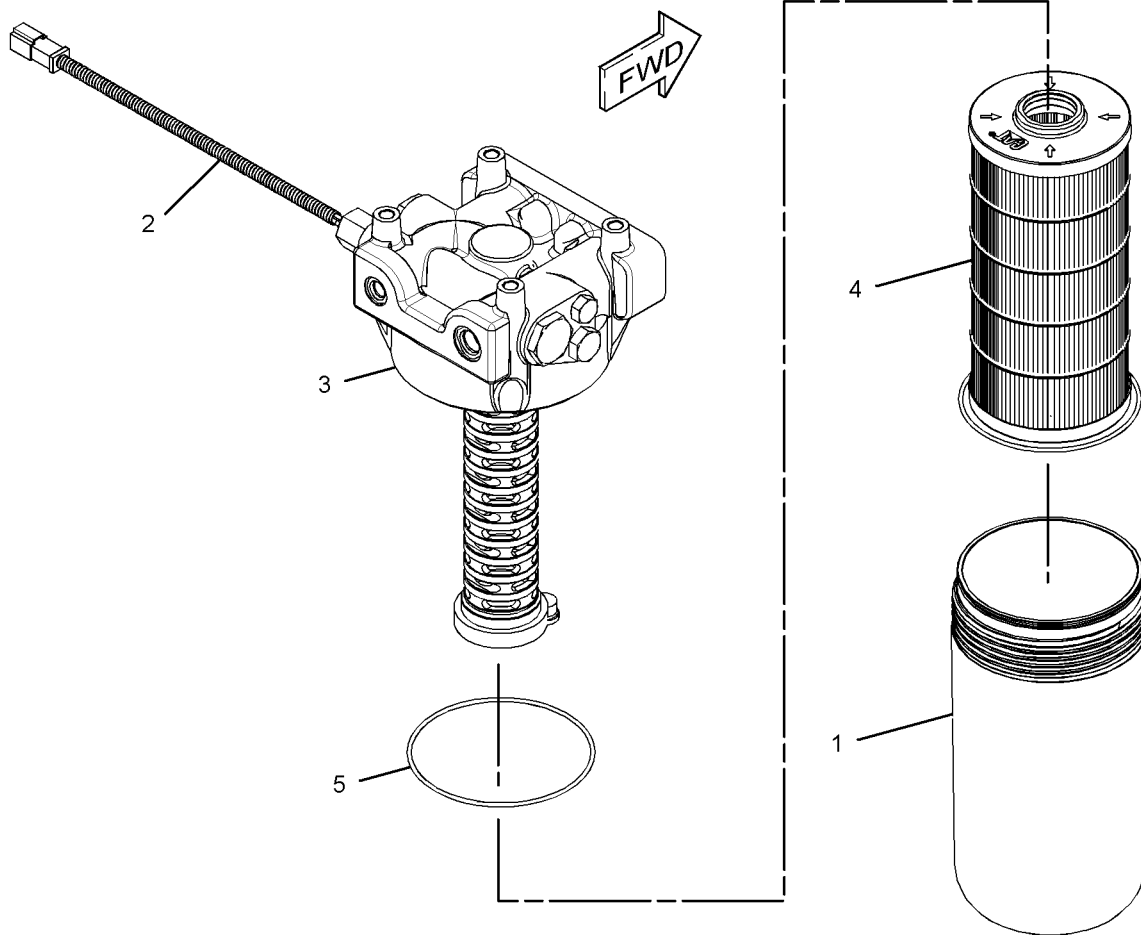
PART OF 352-9189 LINES GP-TRANSMISSION OIL

SMCS-3004, 3067

i04279693

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	353-4688	1	FILTER GP-OIL (TRANSMISSION)						390
	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	214-7568	1	SEAL-O-RING						
	4	1	337-5270	1	FILTER ELEMENT AS-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

353-4688 FILTER GP-OIL-TRANSMISSION

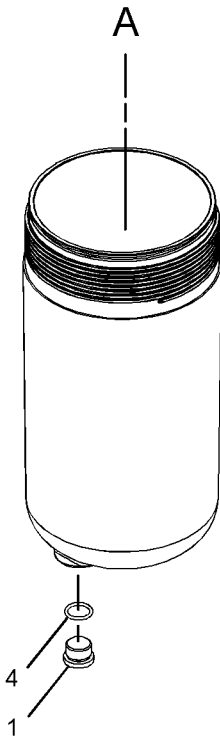
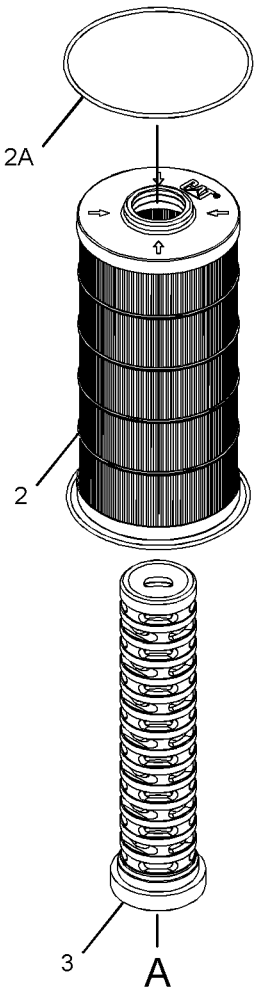
S/N: T4R1-UP

PART OF 346-5571 FILTER GP-OIL

SMCS-3004, 3067

i04155917

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 AS-OIL (POWER TRAIN)	
	2A	1	095-1678	1	SEAL-O-RING	
	3	1	347-7407	1	TUBE-CENTER	
	4	1	8L-2786	1	SEAL-O-RING	
PARTS SHOWN IN GRAPHIC(S) WITHOUT A REFERENCE NUMBER ARE NOT SERVICED SEPARATELY						



GRAPHIC #1

<END>

g02308153

POWER TRAIN

358-7904 FILTER GP-OIL-ROTOR TRANSMISSION

S/N: T4R1-UP

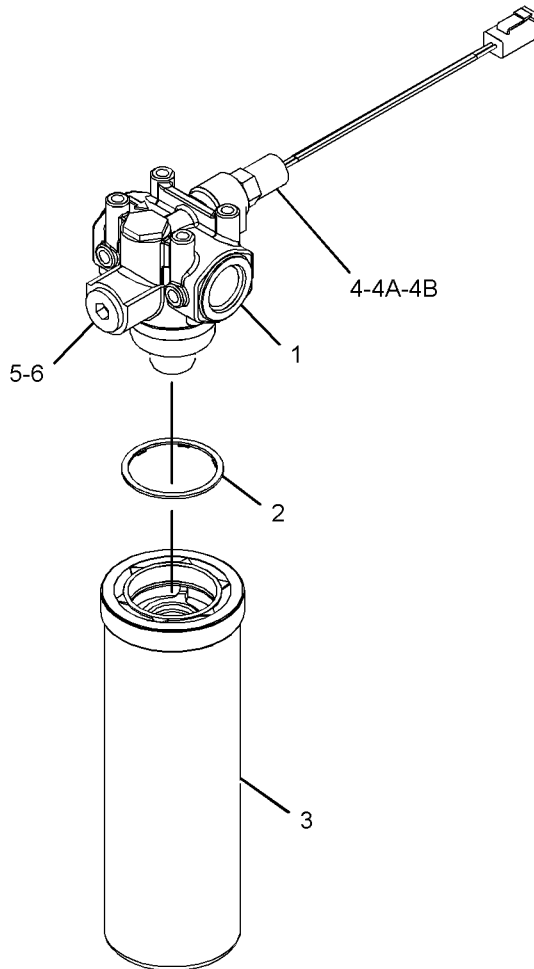
PART OF 351-8200 LINES GP-PUMP

SMCS-3004, 3067

i04175136

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	187-8627	1	BASE AS-HYDRAULIC						
	2	1	103-8236	1	RING						
	3	1	130-3212	1	FILTER-OIL (ADVANCED EFFICIENCY)						
	4	1	227-6745	1	SWITCH AS-PRESSURE (FILTER OIL)						
	4A	1	3J-1907	1	SEAL-O-RING						
	4B	1	5F-9144	1	SEAL-O-RING						
E		1	9X-1813		SLEEVE (14-CM)						
		1	126-1766	2	SOCKET-CONNECTOR (14-GA TO 18-GA)						
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
					(INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
	5	1	2M-9780	1	SEAL-O-RING						
	6	1	9S-8006	1	PLUG-O-RING						

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g02374897

POWER TRAIN

335-1789 GEAR GP-OUTPUT TRANSFER

S/N: A5M1-UP

PART OF 291-8722 POWER TRAIN AR

SMCS-3159

i04282652

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	364-5752	1	CASE AS	
		1	148-9359	1	PLUG	
	2	4	6V-0327	1	CUP-BEARING (TAPERED ROLLER)	
	3	5	128-3935	1	BEARING AS-ROLLER	
	4	5	1M-5514	1	RACE-ROLLER BEARING	
	5	3	2D-6533	1	SEAL-O-RING	
	6	2	2K-9295	1	BEARING AS-TAPERED ROLLER	
	7	3	2M-3827	2	RING-RETAINING	
	8	2	3B-4124	1	CUP-BEARING (TAPERED ROLLER)	
	9	2	3J-0634	1	SEAL-O-RING	
	10	1	5F-7054	1	SEAL-O-RING	
	11	4	5H-8624	1	SEAL-O-RING	
	12	5	5K-4069	1	RING-RETAINING	
	13	2	5M-7142	1	SEAL-O-RING	
	14	5	155-6647	1	CUP-BEARING	
	15	5	155-6648	1	CONE-BEARING	
	16	4, 5	5P-9806	2	SEAL-O-RING	
	17	4	6F-5559	8	SEAL-O-RING	
	18	1	6F-6672	2	SEAL-O-RING	
	19	2	6G-9333	1	CAP-FILLER (OUTPUT TRANSFER GEAR OIL)	
	20	1	6L-3616	1	CONNECTOR	
	21	4	6P-7985	3	RING-SEAL	
	22	4	6T-8527	3	SLEEVE	
	23	4	6V-0328	1	CONE-BEARING (TAPERED ROLLER)	
	24	3	7F-2122	1	SEAL-O-RING	
	25	5	7M-1419	3	RACE-BEARING OUTER	
	26	5	8B-7216	2	SEAL-O-RING	
	27	4	8F-5900	1	SEAL-O-RING	
	28	1	8T-7371	1	PLATE-SERIAL NUMBER (TRANSMISSION)	
	29	3	9H-5322	2	RACE-ROLLER BEARING	
	30	2, 3	9W-7925	3	BEARING AS-TAPERED ROLLER	
	31	2, 3	9W-7926	3	CUP-BEARING	
	32	5	066-5816	1	RING-RETAINING	
	33	3	148-9325	1	SHAFT	
	34	2	148-9358	1	COVER	
I	35	1	148-9393	2	HOSE AS	
	36	1, 2	148-9396	4	TUBE	
	37	4	148-9399	1	PLATE	
	38	5	148-9404	1	CAGE AS	
		5	2D-6642	3	BALL	
	39	2	148-9407	1	SHIM PACK (INCLUDES 17-SHIMS)	
	40	3	148-9408	1	SHIM PACK (INCLUDES 17-SHIMS)	
	41	4	148-9417	1	YOKE	
	42	4	148-9420	1	RETAINER	
	43	5	148-9428	1	SHAFT	
	44	5	148-9429	1	SHAFT	
	45	3	148-9430	1	SPACER (121X135X5.25-MM THK)	
	46	3	148-9433	1	GEAR-SPUR (52-TEETH)	
	47	5	148-9434	1	GEAR-SPUR (78-TEETH)	
	48	5	148-9436	1	GEAR-SPUR (72-TEETH)	
	49	3	148-9437	1	GEAR-SPUR (55-TEETH)	
	50	5	168-2075	3	BEARING	
	51	3	168-2076	2	BEARING	
	52	2	173-6998	2	SETSCREW	
	53	4	173-7715	1	SEAL-LIP TYPE	
	54	5	201-6665	1	CAGE AS	

POWER TRAIN

335-1789 GEAR GP-OUTPUT TRANSFER (contd.)

i04282652

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		5	9G-9506	1	PLUG						
	55	2	203-0063	1	TUBE AS-FILLER						
	56	2	203-0225	1	TUBE AS						
	57	3	204-0741	1	SHIM PACK (INCLUDES 17-SHIMS)						
	58	2	208-1729	1	BEARING AS						
	59	2	208-9267	1	SPACER (80.2X97X11.5-MM THK)						
	60	1	212-3298	1	TUBE AS						
	61	2	222-5824	1	SEAL-LIP TYPE						
	62	3	223-9743	1	SEAL-LIP TYPE						
	63	2	227-9318	1	RETAINER						
	64	2	227-9319	1	RETAINER						
	65	2	227-9321	1	YOKE AS						
	66	2	232-2324	1	GEAR-SPUR (56-TEETH)						
	67	5	249-0060	1	TUBE AS						
	68	1	249-0061	1	TUBE AS						
	69	2	249-0062	1	ELBOW						
	70	1	249-0065	2	ELBOW AS						
	71	1	5P-4484	1	PLUG-MAGNETIC (TRANSFER CASE)						
	72	3	252-1604	1	RETAINER						
	73	2	277-5008	1	TUBE AS						
	74	2	277-5009	1	SPACER						
	75	2	277-5010	1	PLATE						
	76	2	277-8249	1	GAUGE-OIL LEVEL (OUTPUT TRANSFER GEAR)						
	77	3	315-6193	1	YOKE AS						
Y	79	4	335-1111	1	PLANETARY GP-TRANSFER GEAR (OUTPUT)						414
	80	4	335-1164	1	RETAINER AS						
		4	6Y-0869	1	PLUG						
		4	148-9359	2	PLUG						
	81	4	335-1166	1	CAGE AS						
		4	148-9359	3	PLUG						
Y	82	1	344-9006	1	VALVE GP-SOLENOID & RELIEF (TRACTION CONTROL)						454
	83	4	355-0162	1	SHIM PACK (INCLUDES 17-SHIMS)						
	84	3	355-0166	1	SHAFT AS						
	85	2	355-0168	1	CAGE AS						
		2	4B-9880	2	BALL						
	86	3	361-0483	1	SEAL-V-RING						
M	87	1	096-9986	4	BOLT (M12X1.75X55-MM)						
	88	2	150-4043	1	CONNECTOR AS						
		2	3J-1907	1	SEAL-O-RING						
		2	6V-8398	1	SEAL-O-RING						
		2	6V-9873	1	CONNECTOR						
	89	2	171-3010	1	WASHER-HARD (17.5X32X7-MM THK)						
	90	2	1H-9696	2	SEAL-O-RING						
	91	5	1J-9671	1	SEAL-O-RING						
	92	1	1P-4579	2	FLANGE-HALF						
	93	1	3J-1907	1	SEAL-O-RING						
	94	1, 2	3K-0360	3	SEAL-O-RING						
	95	5	3K-8460	1	PLUG						
	96	5	4B-5432	1	SEAL-LIP TYPE						
	97	1	4J-0524	2	SEAL-O-RING						
	98	2	5P-9299	1	CLIP						
	99	2	5S-7878	1	RING-RETAINING						
	100	2	6V-1322	1	BOLT (1/4-20X0.375-IN)						
	101	1	6V-8397	1	SEAL-O-RING						
	102	2	6V-8398	1	SEAL-O-RING						
	103	2	6V-8625	1	ELBOW						
	104	1	6V-8724	1	ELBOW						
	105	1	7M-8485	1	SEAL-O-RING						
M	106	3	7X-2555	1	BOLT (M16X2X80-MM)						

POWER TRAIN

335-1789 GEAR GP-OUTPUT TRANSFER (contd.)

i04282652

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
M	107	2	7X-2557	1	BOLT (M16X2X140-MM)	
	108	2	8T-0315	1	SEAL-O-RING	
	109	1,2,3,4,5	8T-4121	119	WASHER-HARD (11X21X2.5-MM THK)	
M	110	2	8T-4133	1	NUT (M10X1.5-THD)	
M	111	2	8T-4137	2	BOLT (M10X1.5X20-MM)	
M	112	4	8T-4174	1	BOLT (M16X2X120-MM)	
M	113	1	8T-4178	3	BOLT (M10X1.5X90-MM)	
M	114	4	8T-4182	9	BOLT (M10X1.5X45-MM)	
M	115	2	8T-4186	2	BOLT (M10X1.5X40-MM)	
M	116	2,3,4,5	8T-4195	91	BOLT (M10X1.5X30-MM)	
M	117	5	8T-4196	11	BOLT (M10X1.5X35-MM)	
	118	2	8T-4205	1	WASHER-HARD (7.2X14.5X2-MM THK)	
	119	1,2	8T-4223	6	WASHER-HARD (13.5X25.5X3-MM THK)	
M	120	2	8T-4910	2	BOLT (M12X1.75X60-MM)	
M	121	2	8T-9515	2	BOLT-SOCKET HEAD (M10X1.5X40-MM)	
	122	1	9S-4185	2	PLUG-O-RING	
	123	3	9X-7566	2	SEAL-O-RING	

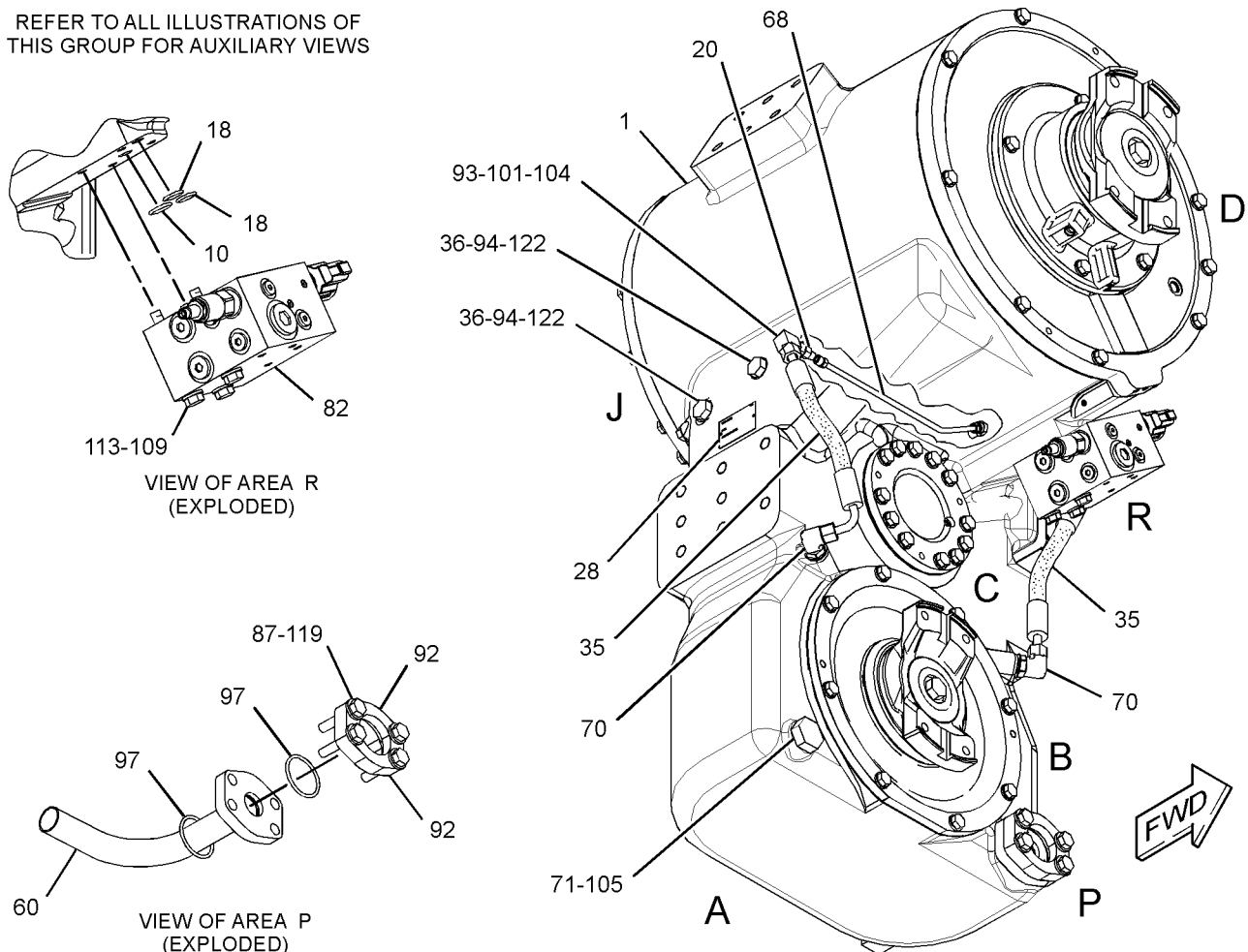
PARTS SHOWN IN GRAPHIC(S) WITHOUT A REFERENCE NUMBER ARE NOT SERVICED SEPARATELY

I-REFER TO HYDRAULIC INFORMATION SYSTEM

M-METRIC PART

Y-SEPARATE ILLUSTRATION

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



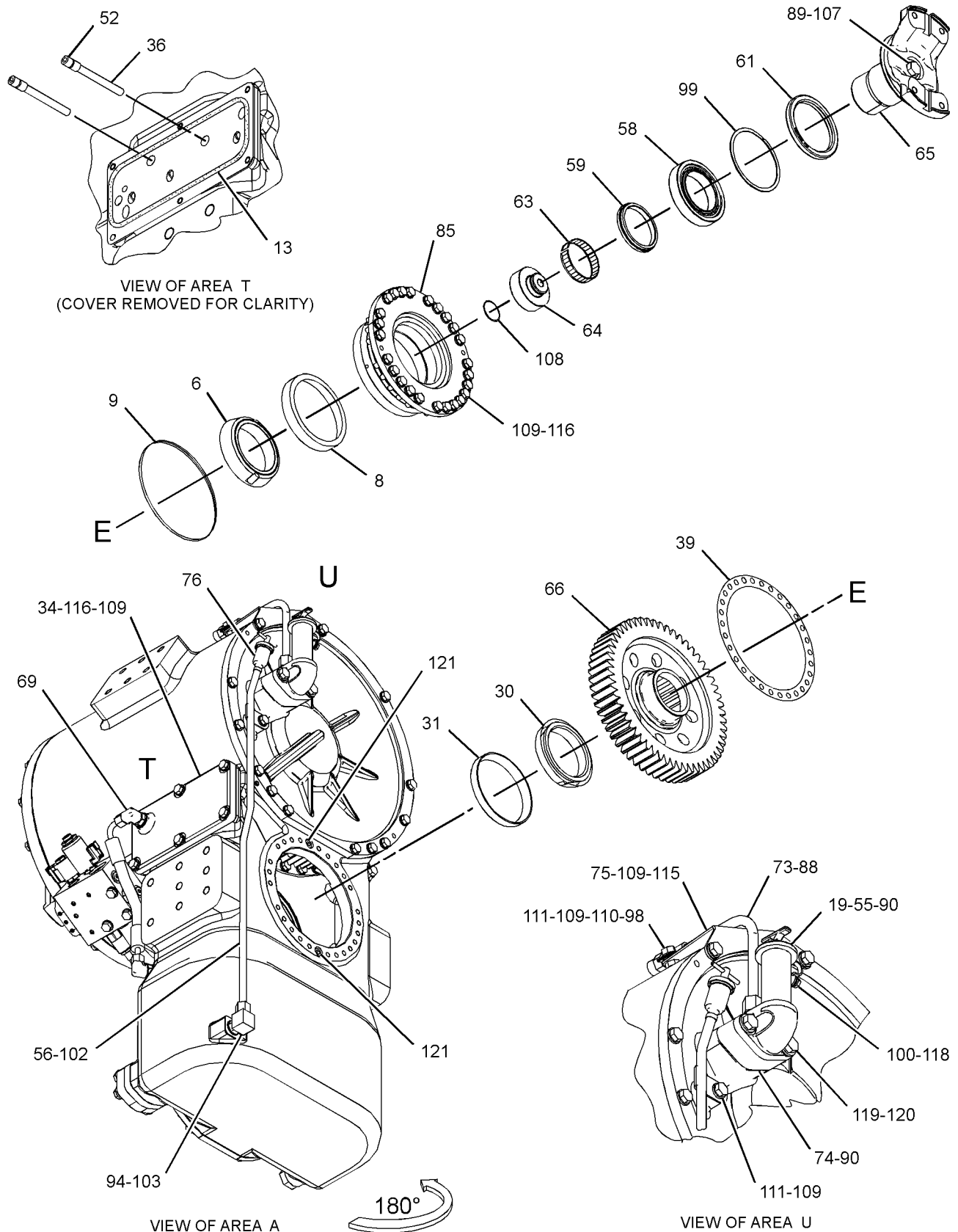
GRAPHIC #1

g02415098

POWER TRAIN

335-1789 GEAR GP-OUTPUT TRANSFER (contd.)

i04282652



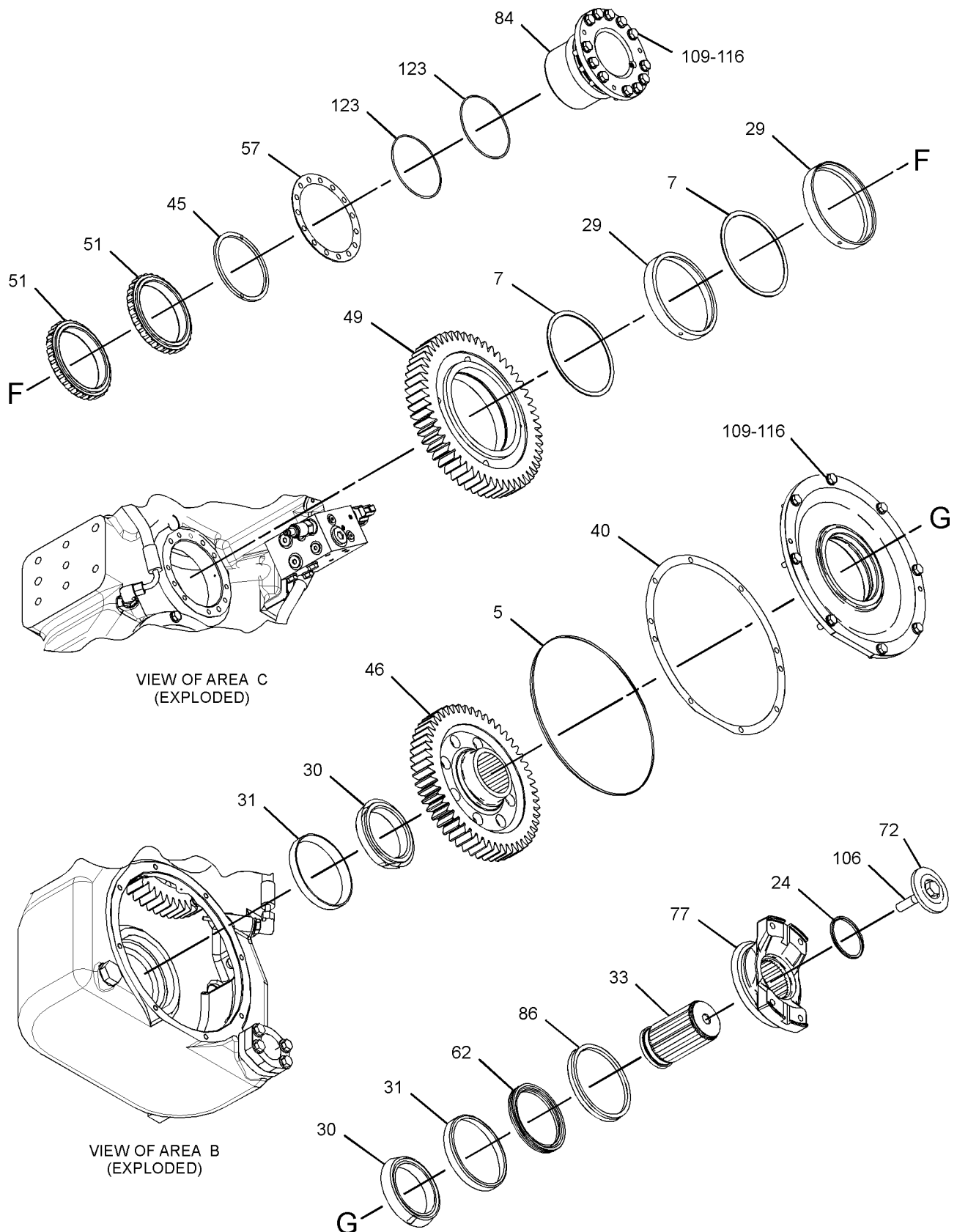
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POWER TRAIN

335-1789 GEAR GP-OUTPUT TRANSFER (contd.)

i04282652



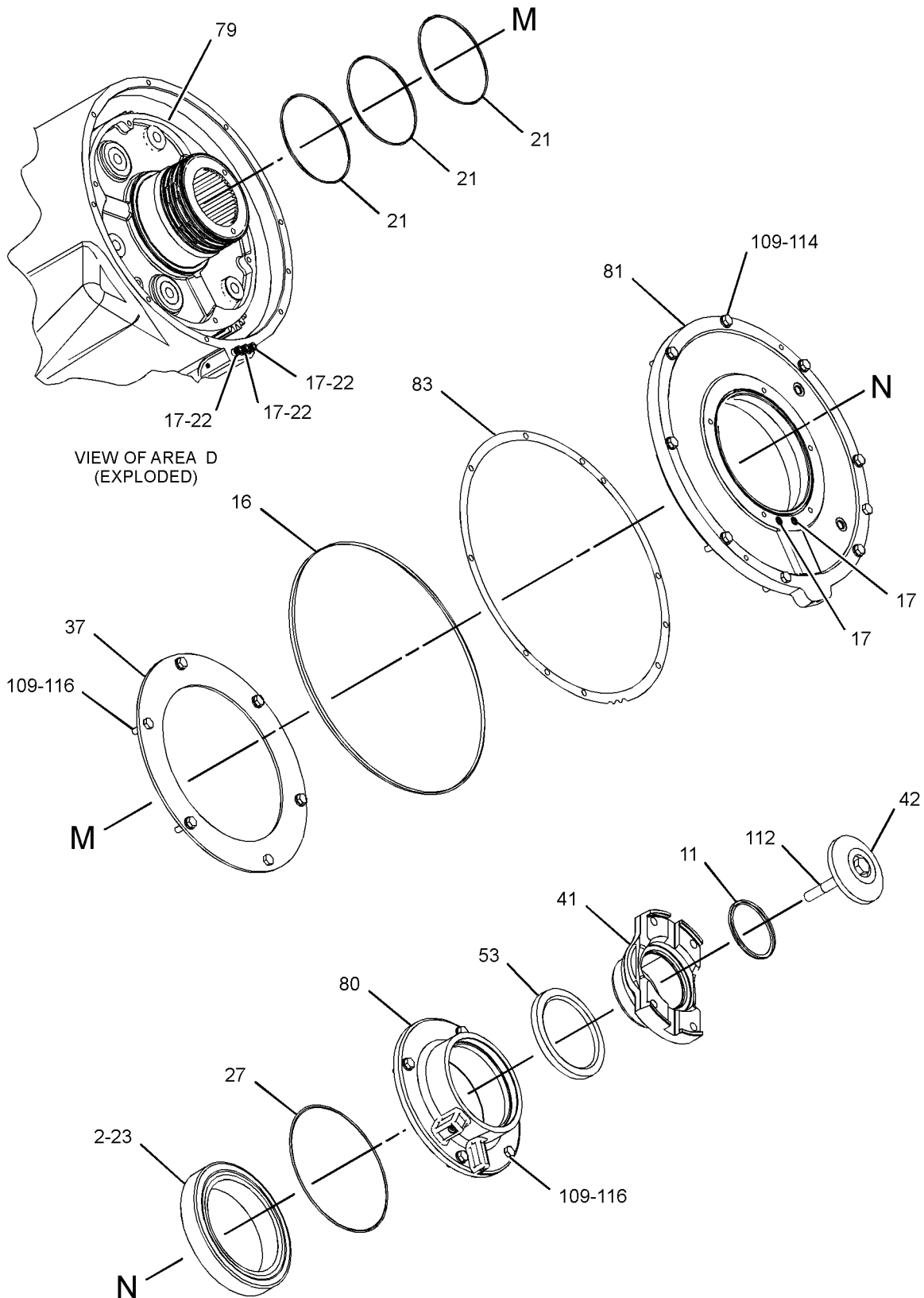
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POWER TRAIN

335-1789 GEAR GP-OUTPUT TRANSFER (contd.)

i04282652



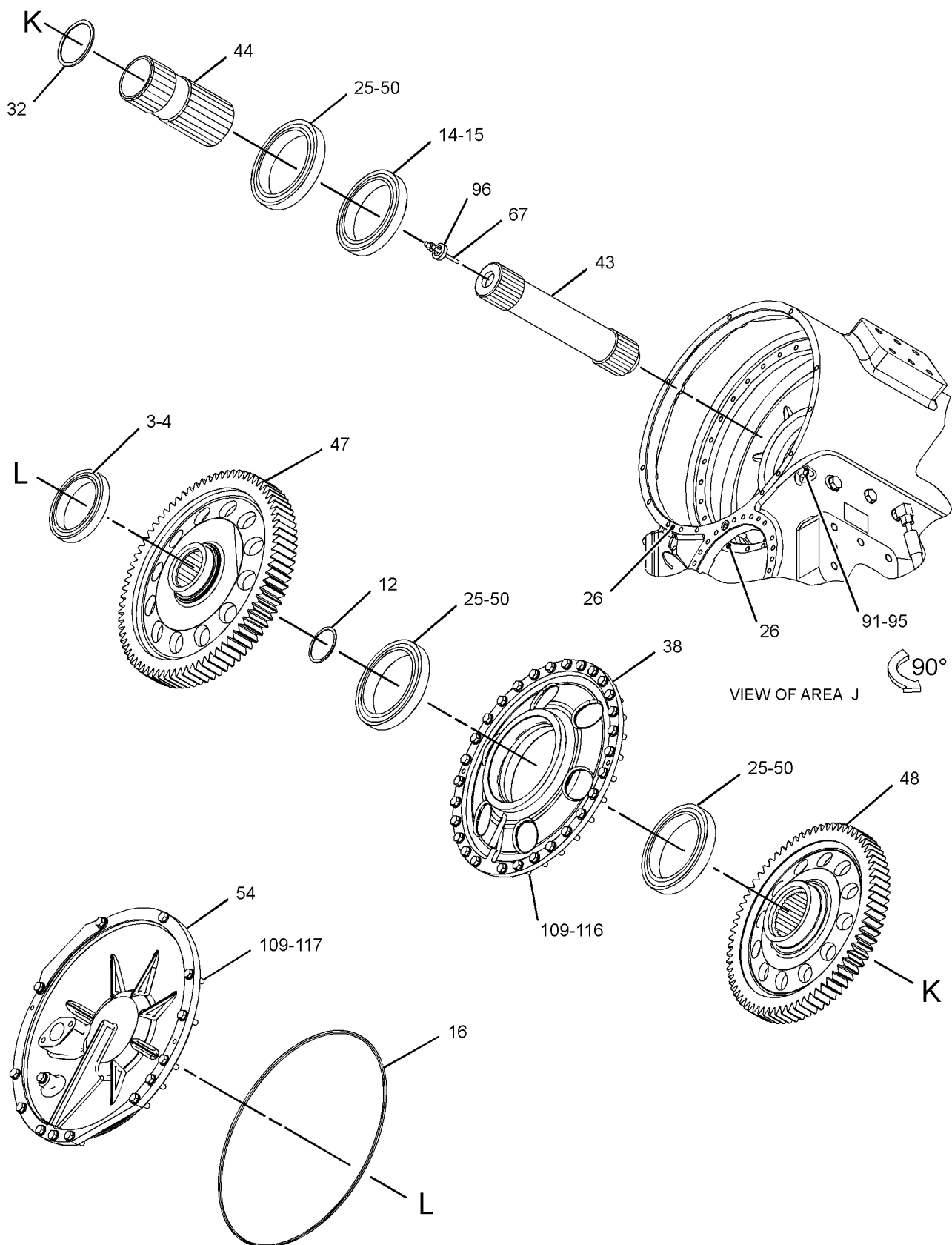
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g02415101

POWER TRAIN

335-1789 GEAR GP-OUTPUT TRANSFER (contd.)

i04282652



GRAPHIC #5

<END>

g02415102

POWER TRAIN

307-3856 HOUSING GP-TORQUE CONVERTER

S/N: K2S1-UP

PART OF 303-2298 TRANSMISSION AR

SMCS-3105

i04177112

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1T-0034	1	RING-LOCK						
	2	1	5P-0597	4	CLAMP-HOSE						
E	3	1	5P-1293		HOSE (13-CM)						
	4	1	8P-3251	1	COVER AS						
		1	7B-3028	2	SCREW-DRIVE (NO 4X 3/16-IN)						
		1	7S-2962	1	WASHER-SPRING (52.3X82.5X9.1-MM THK)						
		1	8P-1722	1	COVER						
	5	1	8S-0617	2	COVER						
	6	1	9M-5892	1	SEAL-O-RING						
	7	1	9W-5531	1	SCREEN GP-MAGNETIC (TRANSMISSION)						
		1	8M-7160	4	MAGNET						
	8	1	139-2403	1	SHAFT-IDLER						
	9	1	139-4635	1	GEAR (58-TEETH)						
	10	1	164-8453	1	GEAR AS (56-TEETH)						
		1	5H-4279	1	PLUG-CUP						
	11	1	330-9769	1	PLUG AS						
		1	5P-4484	1	PLUG-MAGNETIC (TRANSMISSION)						
		1	238-5084	1	SEAL-O-RING						
	12	1	307-3859	1	HOUSING AS-TORQUE CONVERTER						
		1	OL-1026	1	PLUG-CUP						
		1	OS-0509	1	BOLT (3/8-16X0.75-IN)						
		1	1A-2358	1	PLUG-CUP						
		1	6N-8863	1	WASHER (10.2X32X2.5-MM THK)						
		1	183-6386	1	TUBE AS						
		1	307-3860	1	HOUSING-TORQUE CONVERTER						
	13	1	307-3861	1	COVER						
	14	1	308-8132	1	CAGE-BEARING						
	15	1	320-8212	1	SENSOR GP-SPEED (TRANSMISSION)						
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
BE		1	3E-9476		WIRE-ELECTRICAL (16-GA)						
D		1	5P-6006		TUBE-HEAT SHRINK (9.52-MM DIA) (0.3-M)						
		1	9X-3401	3	PIN-CONNECTOR (16-GA TO 18-GA)						
	16	1	353-8004	1	TUBE AS						
	17	1	353-8005	1	TUBE AS						
	18	1	OL-1352	2	BOLT (3/8-16X3.25-IN)						
	19	1	OS-1585	17	BOLT (1/2-13X1.5-IN)						
	20	1	131-3718	1	SEAL-O-RING						
	21	1	4N-9170	1	CLIP						
	22	1	149-5462	2	SEAL-O-RING						
	23	1	153-1157	1	SEAL-O-RING						
	24	1	1A-2029	6	BOLT (3/8-16X1.125-IN)						
	25	1	1T-1639	1	RING						
	26	1	3H-5368	2	BOLT (7/16-14X1.375-IN)						
	27	1	3S-3875	1	SCREEN-SUCTION (TRANSMISSION)						
	28	1	4B-3665	2	BALL BEARING						
	29	1	5J-5793	1	BOLT-12 POINT HEAD (1/2-13X1.75-IN)						
	30	1	5M-2894	8	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	31	1	5P-4892	1	SEAL-O-RING						
	32	1	5P-8244	2	WASHER-HARD (12X22.5X2.5-MM THK)						
	33	1	5P-8245	33	WASHER-HARD (13.5X25.5X3-MM THK)						
	34	1	5P-8286	2	SEAL-O-RING						
	35	1	6V-3349	1	SEAL-O-RING						
M	36	1	6V-4248	10	BOLT (M10X1.5X25-MM)						
	37	1	6V-5043	1	SEAL-O-RING						
M	38	1	6V-5215	1	BOLT (M8X1.25X16-MM)						

POWER TRAIN

307-3856 HOUSING GP-TORQUE CONVERTER (contd.)

i04177112

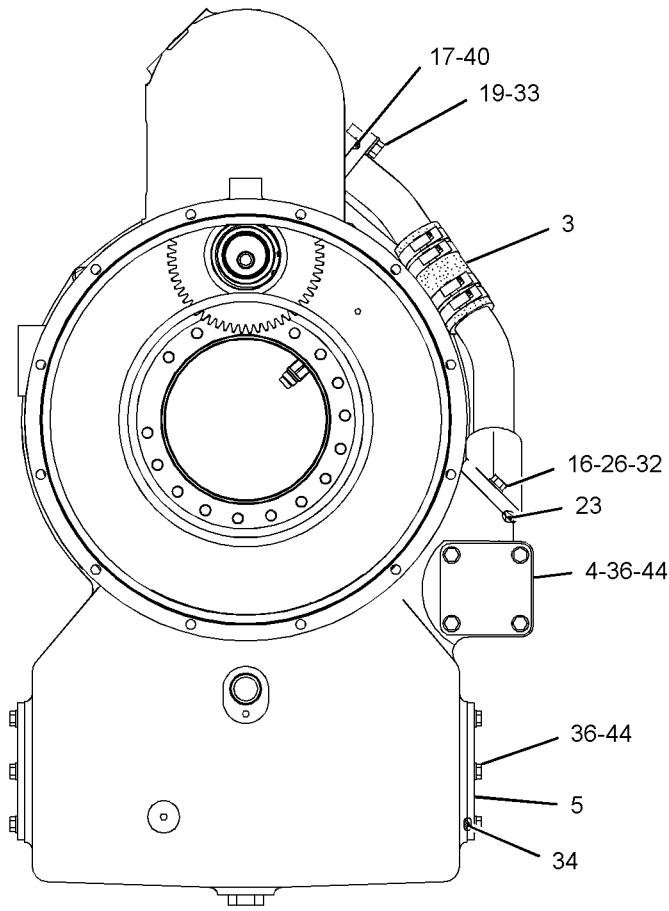
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	39	1	6V-6317	4	BOLT (M10X1.5X20-MM)	
	40	1	8F-6711	1	SEAL-O-RING	
	41	1	8J-7636	2	RING-RETAINING	
	42	1	8L-2786	1	SEAL-O-RING	
	43	1	8M-5007	1	SEAL-O-RING	
	44	1	8T-4121	14	WASHER-HARD (11X21X2.5-MM THK)	
	45	1	8T-4224	1	WASHER-HARD (8.8X16X2-MM THK)	
	46	1	8T-9527	1	SEAL-O-RING	
	47	1	9X-8874	15	BOLT (1/2-13X3-IN)	
	48	1	7B-3235	1	BOLT (1/2-13X1.375-IN)	

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

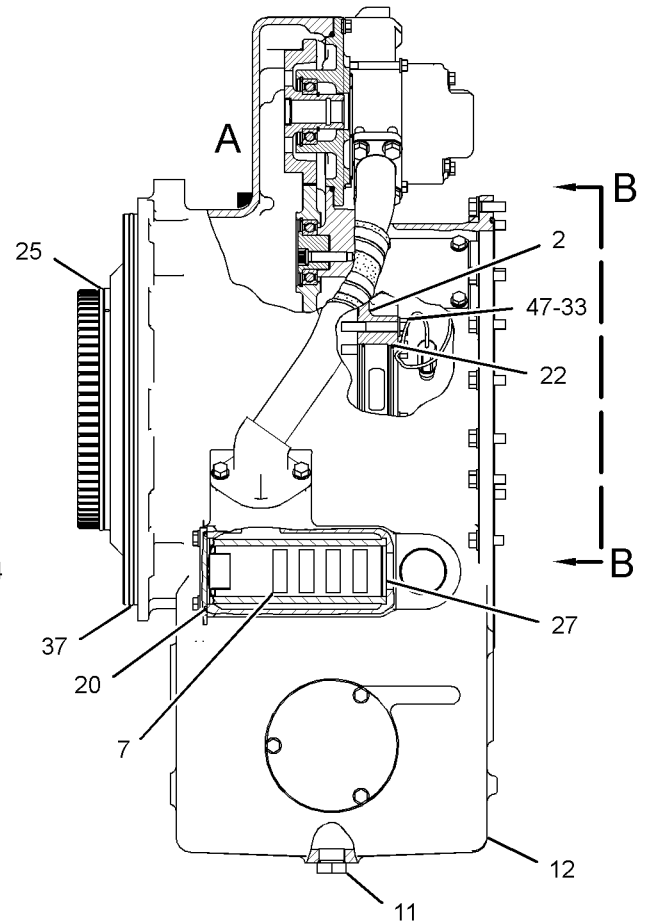
POWER TRAIN

307-3856 HOUSING GP-TORQUE CONVERTER (contd.)

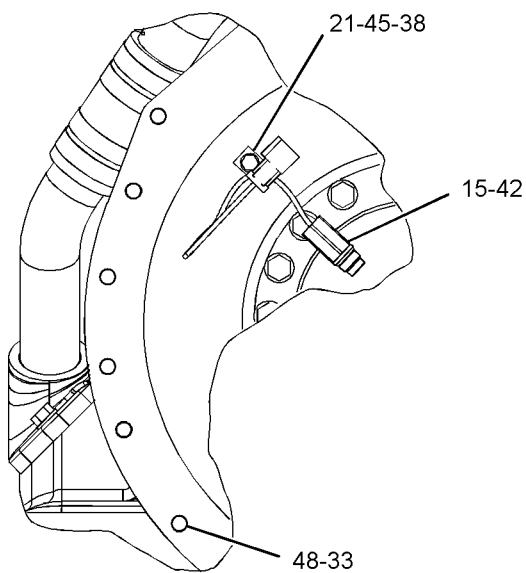
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FRONT VIEW

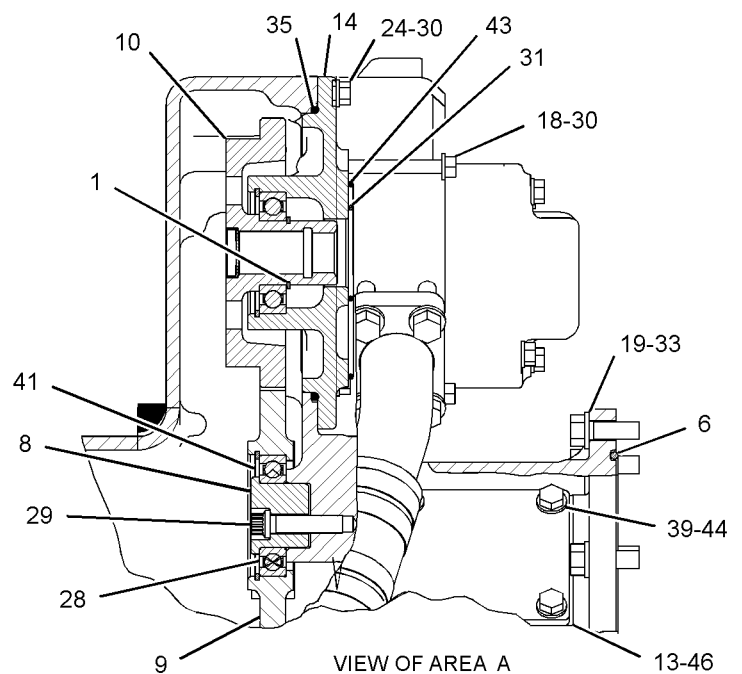


LEFT SIDE VIEW



VIEW B-B

GRAPHIC #1



VIEW OF AREA A

<END>

g02386819

POWER TRAIN

363-4457 KIT-SEAL-HEAVY-DUTY DUAL FACE SEAL

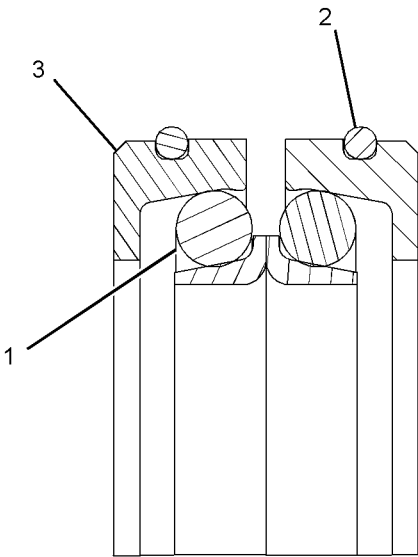
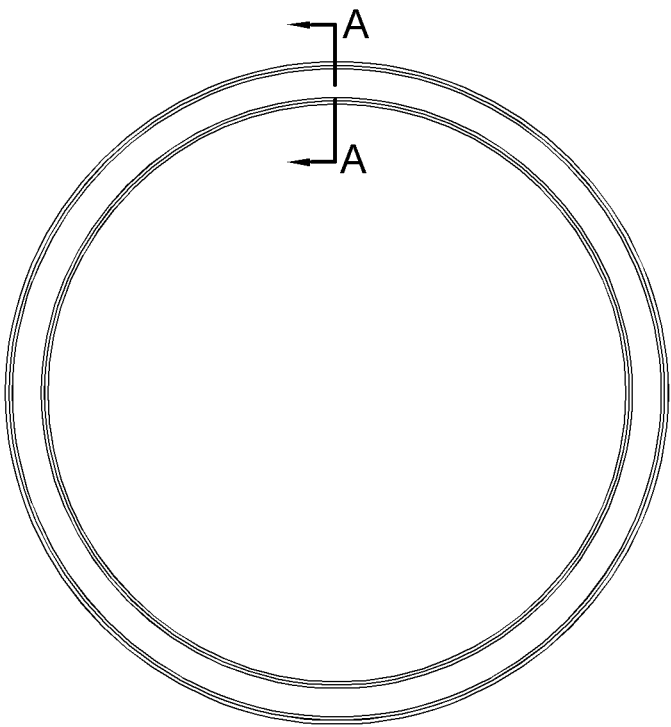
S/N: T4R1-UP

PART OF 371-0565 WHEEL GP-FINAL DRIVE & BRAKE

SMCS-3159

i04087570

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	363-4454	1	SEAL GP-HEAVY DUTY DUAL FACE						
	2	1	363-4455	2	SEAL-O-RING						
	3	1	363-4456	2	RING-ADAPTER						



SECTION A-A

GRAPHIC #1

<END>

g02303317

POWER TRAIN

291-8932 LINES GP-POWER TRAIN COOLER

S/N: T4R1-UP

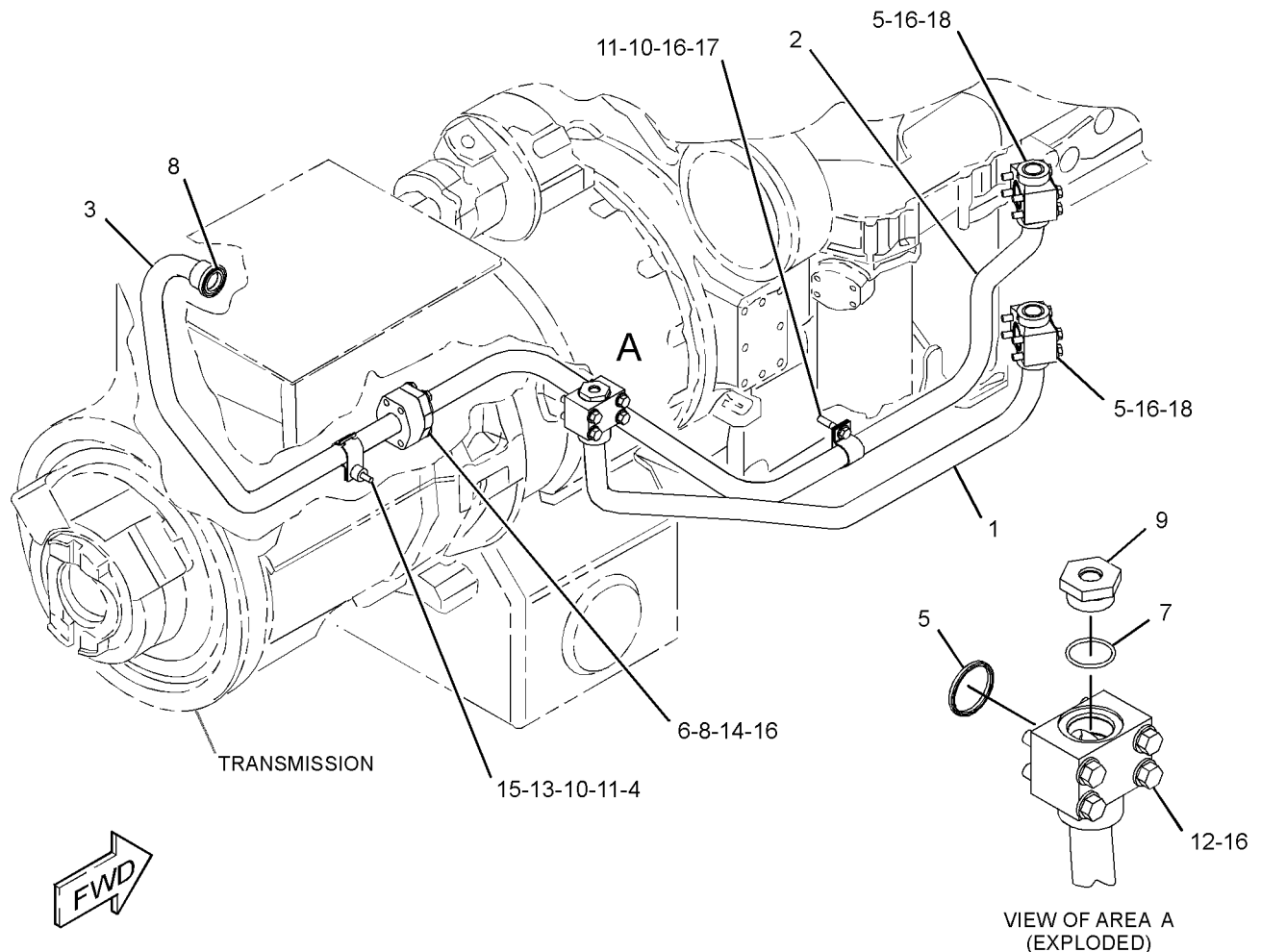
PART OF 291-8722 POWER TRAIN AR

SMCS-1375, 3016

i04169623

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	334-1260	1	TUBE AS						
	2	1	359-8957	1	TUBE AS						
	3	1	359-8959	1	TUBE AS						
	4	1	130-1433	1	SPACER (11X25X17-MM THK)						
	5	1	1P-3705	3	SEAL-RECTANGULAR						
	6	1	1P-4579	2	FLANGE-HALF						
	7	1	2S-4078	1	SEAL-O-RING						
	8	1	4J-0524	2	SEAL-O-RING						
	9	1	5P-8905	1	ADAPTER-O-RING						
	10	1	7S-8920	2	CLIP (SLOT)						
	11	1	7S-8921	2	CLIP (TAB)						
	12	1	7X-0326	4	BOLT (1/2-13X3-IN)						
	13	1	7X-7729	1	WASHER (11X25X3-MM THK)						
M	14	1	8T-4184	4	BOLT (M12X1.75X45-MM)						
M	15	1	8T-4185	1	BOLT (M10X1.5X50-MM)						
	16	1	8T-4223	17	WASHER-HARD (13.5X25.5X3-MM THK)						
M	17	1	8T-4910	1	BOLT (M12X1.75X60-MM)						
M	18	1	8T-6868	8	BOLT (M12X1.75X80-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g02396756

POWER TRAIN

351-8200 LINES GP-PUMP

S/N: T4R1-UP

PART OF 291-8722 POWER TRAIN AR

SMCS-3016

i04171580

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	6V-0852	1	CAP-DUST	
I	2	1	112-4854	1	HOSE AS	
I	3	1	148-6976	1	HOSE AS	
I	4	1	155-0052	1	HOSE AS	
	5	1	183-7264	1	VALVE AS-FLUID SAMPLING (POWER TRAIN OIL)	
		1	3J-1907	1	SEAL-O-RING	
I	6	1	244-7314	2	HOSE AS	
M	7	1	8T-6868	4	BOLT (M12X1.75X80-MM)	
	8	1	254-5860	1	BRACKET	
	9	1	279-3164	1	FLANGE	
I	10	1	339-5391	1	HOSE AS	
	11	1	353-3528	1	TUBE AS	
	12	1	353-3529	1	TUBE AS	
	13	1	353-4441	1	TUBE AS	
	14	1	353-4442	1	TUBE AS	
I	15	1	353-4443	1	HOSE AS	
	16	1	353-4505	1	BRACKET AS	
M		1	9R-2060	1	BOSS (M10X1.5X21-MM)	
Y	17	1	358-7904	1	FILTER GP-OIL (ROTOR TRANSMISSION)	391
	18	1	365-4859	1	ACCUMULATOR GP-BRAKE (CHARGED)	
	19	1	369-1487	1	SWITCH AS-PRESSURE (POWER TRAIN OIL)	
		1	8T-8729	2	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	20	1	148-8309	1	ADAPTER AS	
		1	2P-8421	1	ADAPTER-O-RING	
		1	3D-2824	1	SEAL-O-RING	
	21	1	148-8324	2	CONNECTOR AS	
					(EACH INCLUDES)	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-9746	1	SEAL-O-RING	
		1	6V-9874	1	CONNECTOR	
	22	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	
	23	1	148-8347	2	ELBOW AS	
					(EACH INCLUDES)	
		1	3D-2824	1	SEAL-O-RING	
		1	6V-9007	1	ELBOW	
		1	6V-9746	1	SEAL-O-RING	
	24	1	148-8361	1	ELBOW AS	
		1	3J-7354	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-9200	1	ELBOW	
	25	1	148-8378	1	ELBOW AS	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-8724	1	ELBOW	
	26	1	150-4046	1	ADAPTER AS	
		1	2M-9780	1	SEAL-O-RING	
		1	5P-1404	1	ADAPTER	
	27	1	153-6237	1	ELBOW AS	
		1	3D-2824	1	SEAL-O-RING	
		1	6V-9004	1	ELBOW	

POWER TRAIN

351-8200 LINES GP-PUMP (contd.)

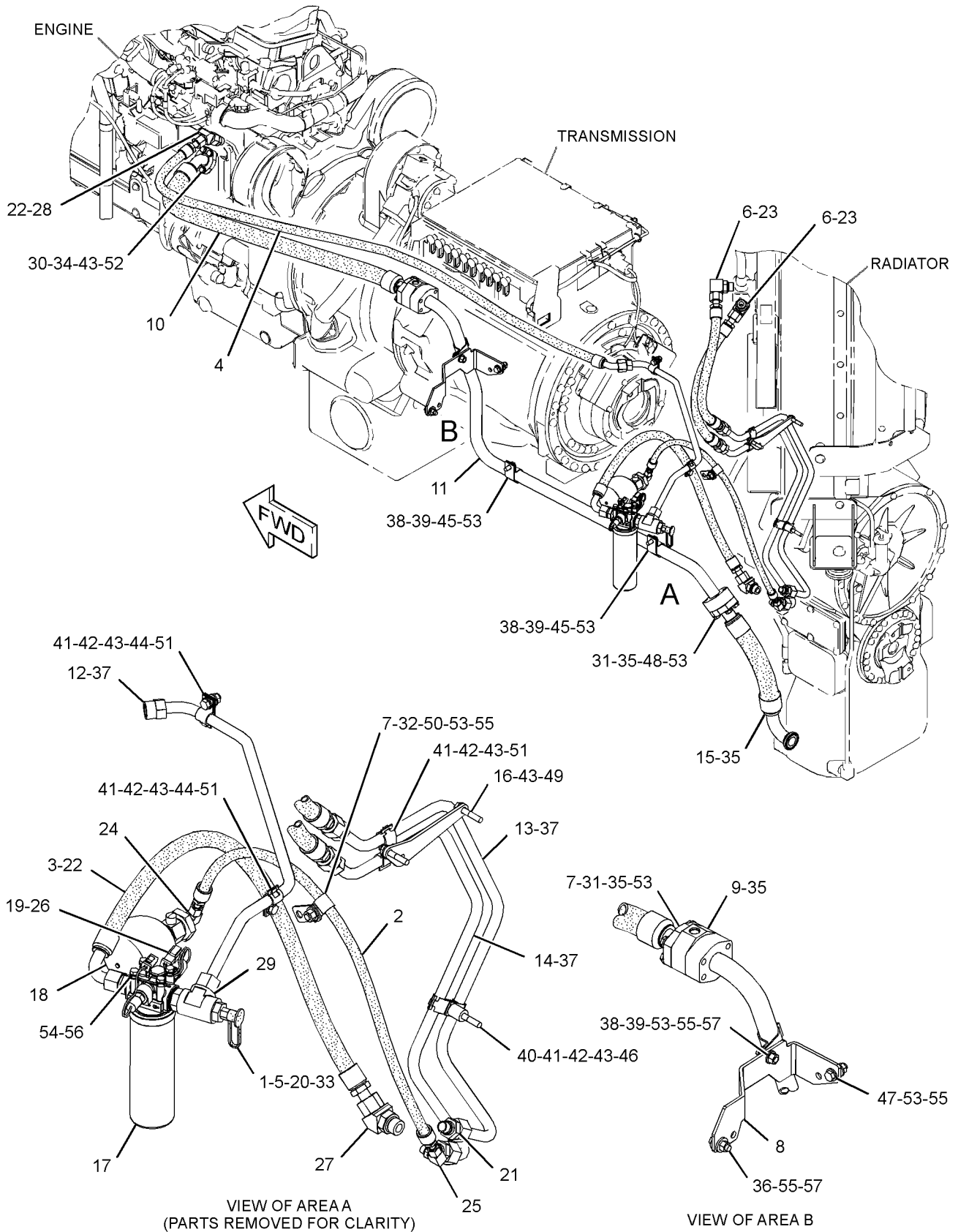
i04171580

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	6V-9746	1	SEAL-O-RING						
	28	1	171-6723	1	ELBOW AS						
		1	6V-9746	1	SEAL-O-RING						
		1	8T-8899	1	ELBOW						
	29	1	172-5277	1	TEE AS						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-9746	1	SEAL-O-RING						
		1	8T-8901	1	TEE-O-RING PORT						
	30	1	1P-4578	2	FLANGE-HALF						
	31	1	1P-4579	4	FLANGE-HALF						
	32	1	1S-6420	1	CLIP						
	33	1	3J-1907	1	SEAL-O-RING						
	34	1	4J-0522	1	SEAL-O-RING						
	35	1	4J-0524	4	SEAL-O-RING						
	36	1	5P-1076	2	WASHER-HARD (13.5X30X4-MM THK)						
	37	1	6V-9746	3	SEAL-O-RING						
	38	1	7S-8920	3	CLIP (SLOT)						
	39	1	7S-8921	3	CLIP (TAB)						
	40	1	8E-5498	1	BOSS						
	41	1	8T-1887	6	CLIP (SLOT)						
	42	1	8T-1888	6	CLIP (TAB)						
	43	1	8T-4121	12	WASHER-HARD (11X21X2.5-MM THK)						
M	44	1	8T-4133	2	NUT (M10X1.5-THD)						
M	45	1	8T-4139	2	BOLT (M12X1.75X30-MM)						
M	46	1	8T-4172	1	BOLT (M10X1.5X80-MM)						
M	47	1	8T-4183	1	BOLT (M12X1.75X40-MM)						
M	48	1	8T-4184	4	BOLT (M12X1.75X45-MM)						
M	49	1	8T-4185	2	BOLT (M10X1.5X50-MM)						
M	50	1	8T-4192	1	BOLT (M12X1.75X25-MM)						
M	51	1	8T-4195	3	BOLT (M10X1.5X30-MM)						
M	52	1	8T-4196	4	BOLT (M10X1.5X35-MM)						
	53	1	8T-4223	16	WASHER-HARD (13.5X25.5X3-MM THK)						
	54	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)						
M	55	1	8T-4244	4	NUT (M12X1.75-THD)						
M	56	1	8T-4908	4	BOLT (M8X1.25X25-MM)						
M	57	1	8T-4956	2	BOLT (M12X1.75X35-MM)						
I-REFER TO HYDRAULIC INFORMATION SYSTEM											
M-METRIC PART											
Y-SEPARATE ILLUSTRATION											

POWER TRAIN

351-8200 LINES GP-PUMP (contd.)

i04171580



GRAPHIC #1

<END>

g02407576

POWER TRAIN

352-9189 LINES GP-TRANSMISSION OIL

S/N: T4R1-UP

PART OF 291-8722 POWER TRAIN AR

SMCS-3154

i04171581

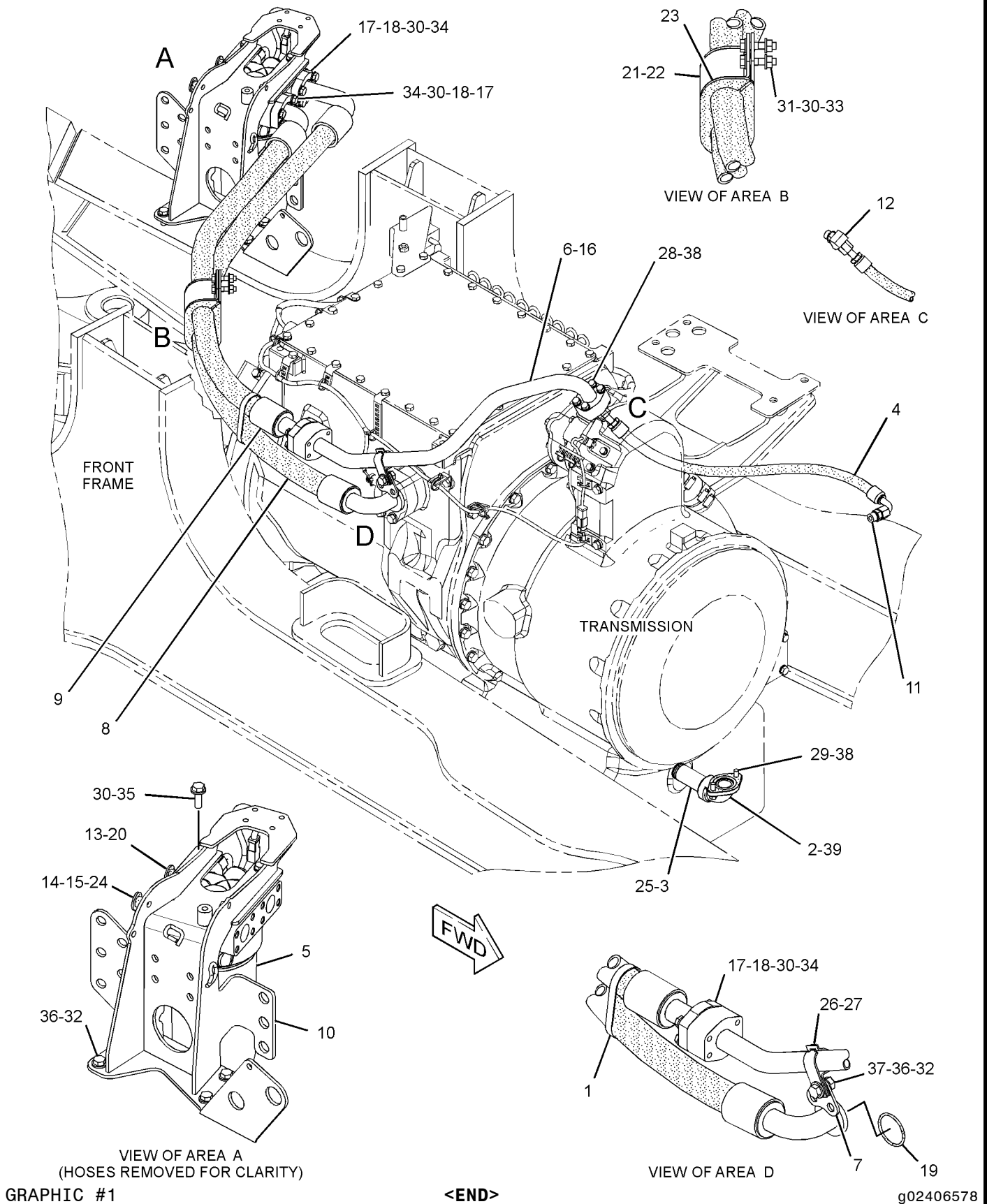
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6U-0456	1	STRAP						
	2	1	8S-9009	1	ELBOW						
	3	1	141-4007	1	SLEEVE						
I	4	1	191-6583	1	HOSE AS						
Y	5	1	346-5571	1	FILTER GP-OIL (TRANSMISSION)						389
	6	1	352-3236	1	TUBE AS						
	7	1	352-3238	1	BRACKET						
I	8	1	352-6029	1	HOSE AS						
I	9	1	352-6030	1	HOSE AS						
	10	1	353-3852	1	BRACKET AS						
		1	7T-1099	2	LINK						
		1	8R-2033	1	BOSS						
	11	1	148-8340	1	CONNECTOR AS						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8398	1	SEAL-O-RING						
		1	6V-8639	1	CONNECTOR						
	12	1	148-8354	1	ELBOW AS						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8398	1	SEAL-O-RING						
		1	6V-9002	1	ELBOW						
	13	1	164-5567	1	COUPLER AS-QUICK DISCONNECT (MALE)						
		1	6V-3965	1	FITTING (QUICK DISCONNECT)						
		1	214-7568	1	SEAL-O-RING						
	14	1	164-5590	1	VALVE AS-FLUID SAMPLING (TRANSMISSION OIL)						
		1	3J-7354	1	SEAL-O-RING						
		1	8C-3446	1	VALVE-FLUID SAMPLING (TRANSMISSION OIL)						
	15	1	169-7397	1	ADAPTER GP						
		1	3K-0360	1	SEAL-O-RING						
		1	3P-1932	1	ADAPTER						
	16	1	1P-3704	1	SEAL-RECTANGULAR						
	17	1	1P-4578	6	FLANGE-HALF						
	18	1	4J-0522	3	SEAL-O-RING						
	19	1	4J-0524	1	SEAL-O-RING						
	20	1	6V-0852	1	CAP-DUST						
	21	1	6V-1575	1	CLIP (SLOT)						
	22	1	6V-1576	1	CLIP (TAB)						
	23	1	6V-1877	1	GROMMET						
	24	1	8C-3447	1	CAP-DUST						
	25	1	8M-4433	2	SEAL-O-RING						
	26	1	8S-0023	1	CLIP (SLOT)						
	27	1	8S-0024	1	CLIP (TAB)						
	28	1	8T-2501	4	BOLT (3/8-16X2-IN)						
	29	1	8T-2502	2	BOLT (3/8-16X1.125-IN)						
	30	1	8T-4121	20	WASHER-HARD (11X21X2.5-MM THK)						
M	31	1	8T-4133	2	NUT (M10X1.5-THD)						
M	32	1	8T-4139	5	BOLT (M12X1.75X30-MM)						
M	33	1	8T-4182	2	BOLT (M10X1.5X45-MM)						
M	34	1	8T-4186	12	BOLT (M10X1.5X40-MM)						
M	35	1	8T-4195	4	BOLT (M10X1.5X30-MM)						
	36	1	8T-4223	6	WASHER-HARD (13.5X25.5X3-MM THK)						
M	37	1	8T-4244	1	NUT (M12X1.75-THD)						
	38	1	8T-4896	6	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	39	1	9L-2662	1	GASKET						

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

POWER TRAIN

352-9189 LINES GP-TRANSMISSION OIL (contd.)

i04171581



POWER TRAIN

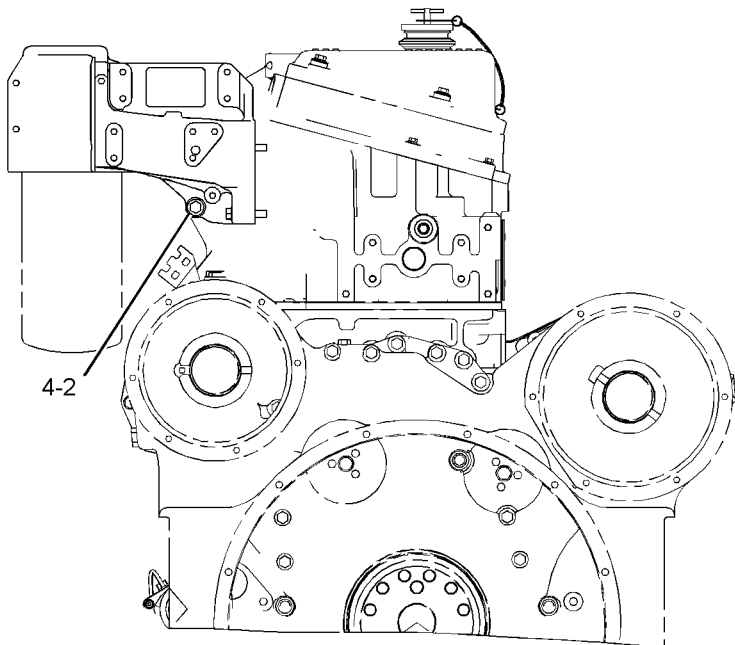
344-0341 MOUNTING GP-FILTER

S/N: TXL1-UP; L4X1-UP
PART OF 365-3722 ENGINE AR-COMplete
FOR USE WITH 735/740 AT APPLICATION

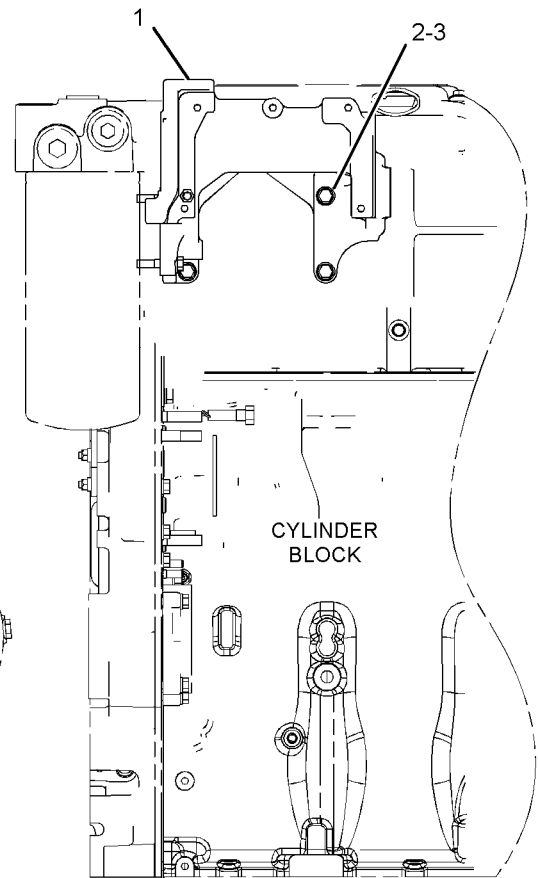
SMCS-3004, 3067, 3068

i03864833

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	344-0345	1	BRACKET-FILTER						
	2	1	1C-2251	6	BOLT (3/8-16X1.87-IN)						
	3	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	4	1	9X-6458	2	WASHER-HARD (10.2X22.5X3-MM THK)						



REAR VIEW OF ENGINE



LEFT SIDE VIEW OF ENGINE

GRAPHIC #1

<END>

g02150053

POWER TRAIN

370-0358 MOUNTING GP-FILTER

S/N: T4R1-UP

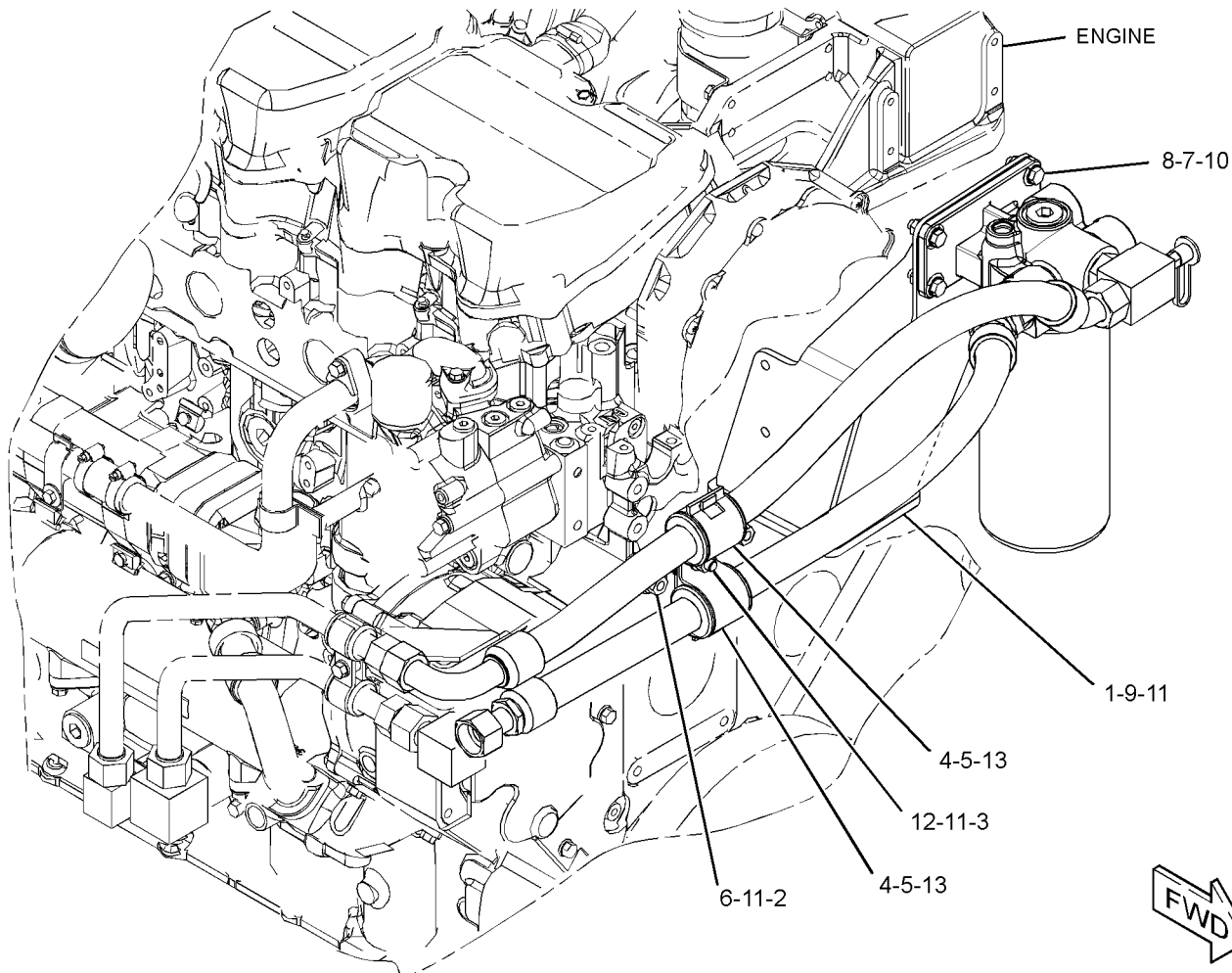
PART OF 291-8722 POWER TRAIN AR

SMCS-3004, 3067, 3068

i04217270

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	369-7438	1	BRACKET AS						
	2	1	370-0359	1	BRACKET AS						
	3	1	249-1771	1	STUD (M12X1.75X63-MM OAL)						
	4	1	5P-7468	2	CLIP (SLOT)						
	5	1	5P-7469	2	CLIP (TAB)						
	6	1	6V-8188	2	NUT (1/2-13-THD)						
	7	1	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)						
M	8	1	8T-4133	4	NUT (M10X1.5-THD)						
M	9	1	8T-4139	4	BOLT (M12X1.75X30-MM)						
M	10	1	8T-4196	4	BOLT (M10X1.5X35-MM)						
	11	1	8T-4223	7	WASHER-HARD (13.5X25.5X3-MM THK)						
M	12	1	8T-4244	1	NUT (M12X1.75-THD)						
	13	1	8T-7087	2	GROMMET						

M-METRIC PART



GRAPHIC #1

<END>

g02430358

POWER TRAIN

152-6932 MOUNTING GP-TRANSFER GEAR

S/N: T4R1-UP

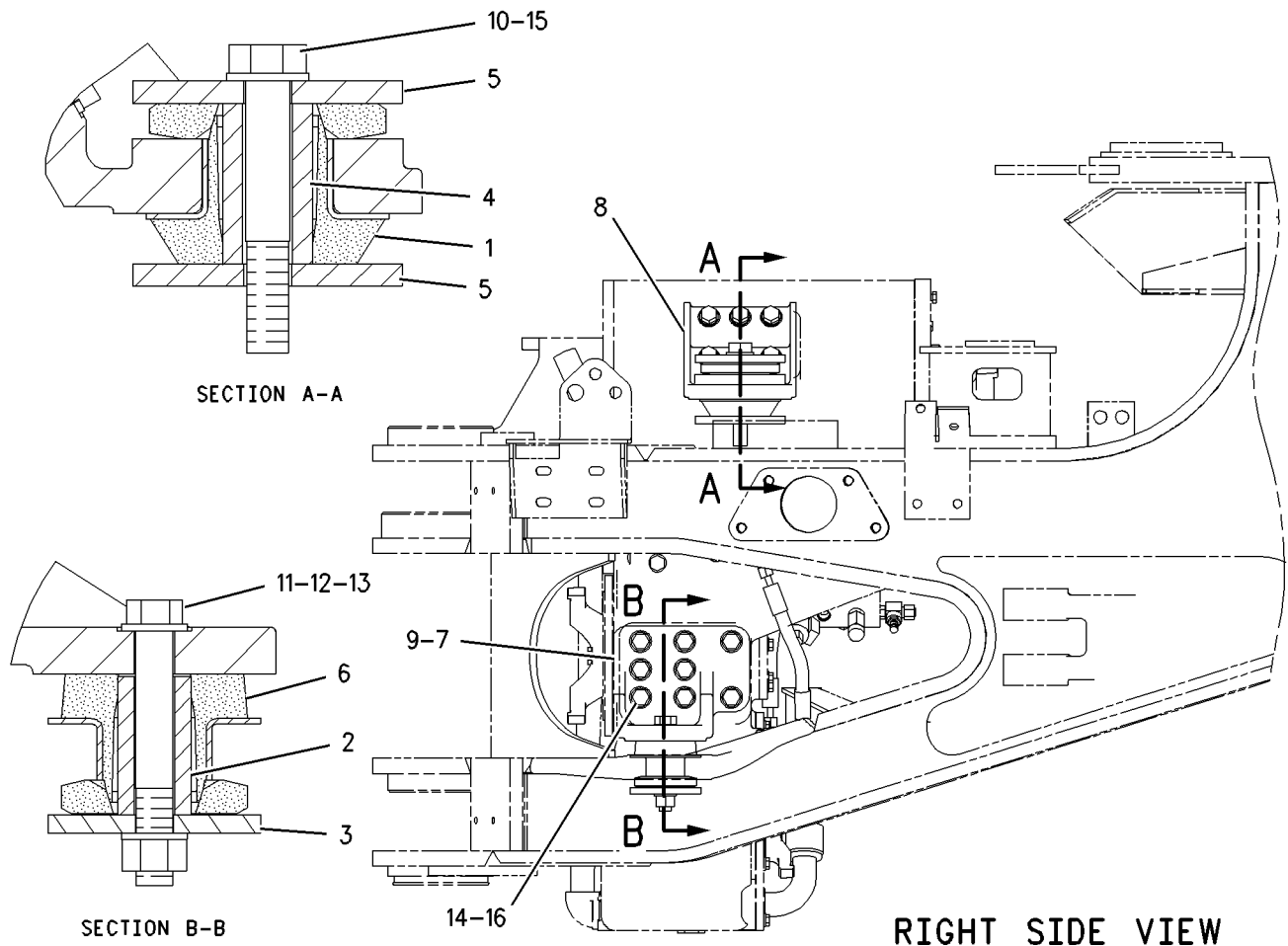
PART OF 291-8722 POWER TRAIN AR

SMCS-3159

i04096249

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6Y-9960	2	MOUNT AS						
					(EACH INCLUDES)						
		1	9W-8095		PAD-REBOUND						
	2	1	9W-6582	2	SLEEVE						
	3	1	9W-6584	2	WASHER (20.5X114X10-MM THK)						
	4	1	9W-7385	2	SLEEVE						
	5	1	9W-7388	4	WASHER (26X144X12-MM THK)						
	6	1	9W-9930	2	MOUNT AS						
	7	1	178-6171	1	BRACKET (RH)						
	8	1	178-6924	2	BRACKET						
	9	1	179-2136	1	BRACKET (LH)						
M	10	1	8C-3290	2	BOLT (M24X3X150-MM)						
M	11	1	8C-8478	2	BOLT (M20X2.5X140-MM)						
	12	1	8T-4123	4	WASHER (22X35X3.5-MM THK)						
M	13	1	8T-4131	2	NUT (M20X2.5-THD)						
M	14	1	8T-4140	28	BOLT (M16X2X60-MM)						
	15	1	8T-4167	4	WASHER-HARD (26X44X4-MM THK)						
	16	1	9X-8257	28	WASHER (17.5X30.0X3.5-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g00763314

POWER TRAIN

195-1123 MOUNTING GP-TRANSMISSION

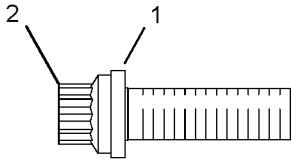
S/N: T4R1-UP

PART OF 291-8722 POWER TRAIN AR

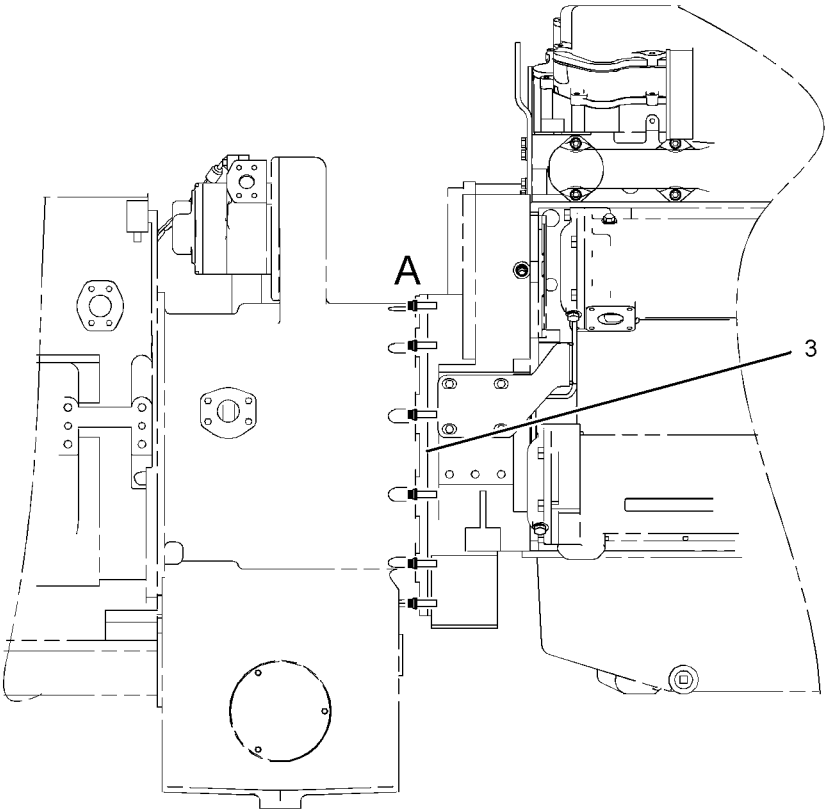
SMCS-3082

i02395060

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3K-6113	12	WASHER-HARD (12X18.5X3-MM THK)						
	2	1	6K-3771	12	BOLT-12 POINT HEAD (7/16-14X1.5-IN)						
	3	1	9H-0846	1	SEAL-O-RING						



VIEW OF AREA A



RIGHT SIDE VIEW

<END>

GRAPHIC #1

g01198747

POWER TRAIN

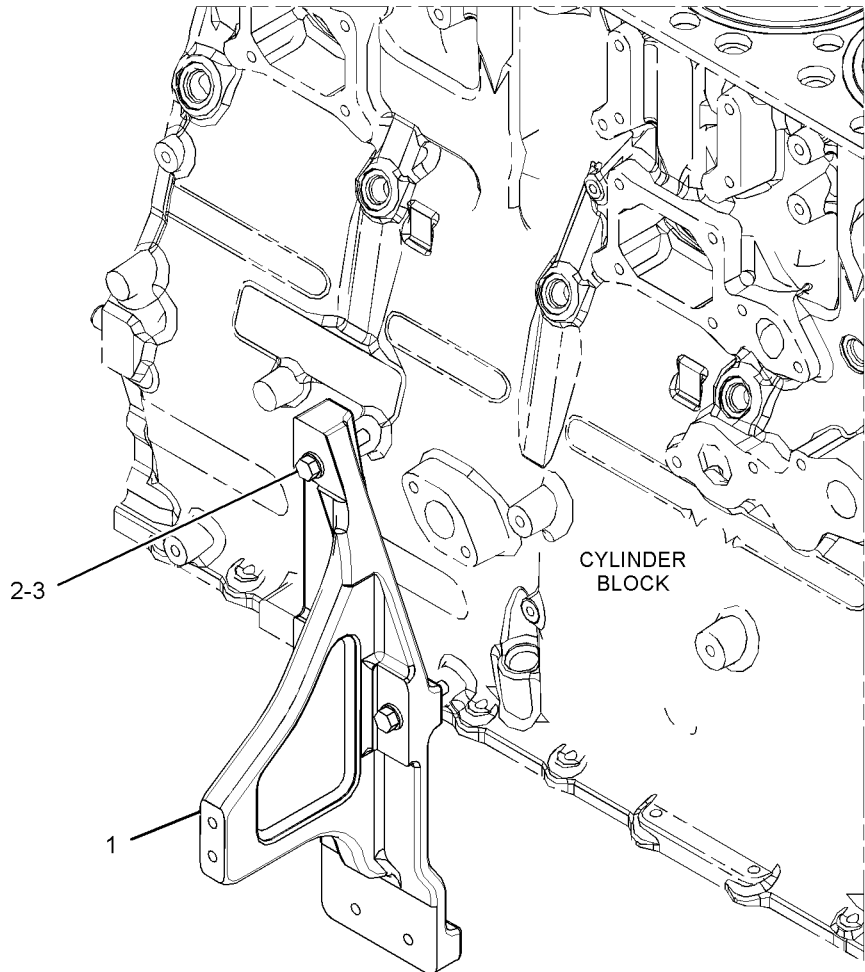
343-8863 MOUNTING GP-XMSN OIL COOLER

S/N: TXL1-UP; L4X1-UP
PART OF 342-6157 LINES GP-WATER

SMCS-1375

i04183291

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	351-8677	1	BRACKET						
	2	1	0S-1590	3	BOLT (3/8-16X2-IN)						
	3	1	5M-2894	3	WASHER-HARD (10.2X18.5X2.5-MM THK)						



GRAPHIC #1

<END>

g02382428

POWER TRAIN

335-1111 PLANETARY GP-TRANSFER GEAR-OUTPUT

S/N: A5M1-UP

PART OF 335-1789 GEAR GP-OUTPUT TRANSFER

SMCS-3159

i04187929

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	148-9442	1	GEAR AS (30-TEETH)	
	2	1	3S-2708	6	PIN-SPRING	
	3	1	5M-0578	12	BEARING AS-ROLLER	
	4	1	8D-3971	1	SEAL-RING	
	5	1	8D-3972	1	SEAL-RING	
	6	1	8E-8308	9	DISC-THRUST	
	7	1	148-9403	1	SPACER (150X293X7.5-MM THK)	
	8	1	148-9439	1	GEAR AS (45-TEETH)	
	9	1	148-9445	6	SHAFT	
	10	1	148-9446	3	GEAR-PLANETARY (25-TEETH)	
	11	1	148-9447	3	GEAR-PLANETARY (30-TEETH)	
	12	1	261-0313	3	SPACER	
	13	1	261-0314	3	SPACER	
	14	1	321-7367	4	DISC	
	15	1	321-7370	1	PISTON	
	16	1	321-7372	1	WASHER-THRUST	
	17	1	327-4602	1	HOUSING AS	
		1	2D-6642	2	BALL	
Y	18	1	335-1157	1	CARRIER GP-PLANETARY	363
	19	1	335-1162	1	HUB	
	20	1	335-1163	1	SHAFT	
	21	1	337-6763	3	DISC-FRICTION	
	22	1	8L-2746	2	SEAL-O-RING	
	23	1	8T-4121	13	WASHER-HARD (11X21X2.5-MM THK)	
M	24	1	8T-4195	13	BOLT (M10X1.5X30-MM)	

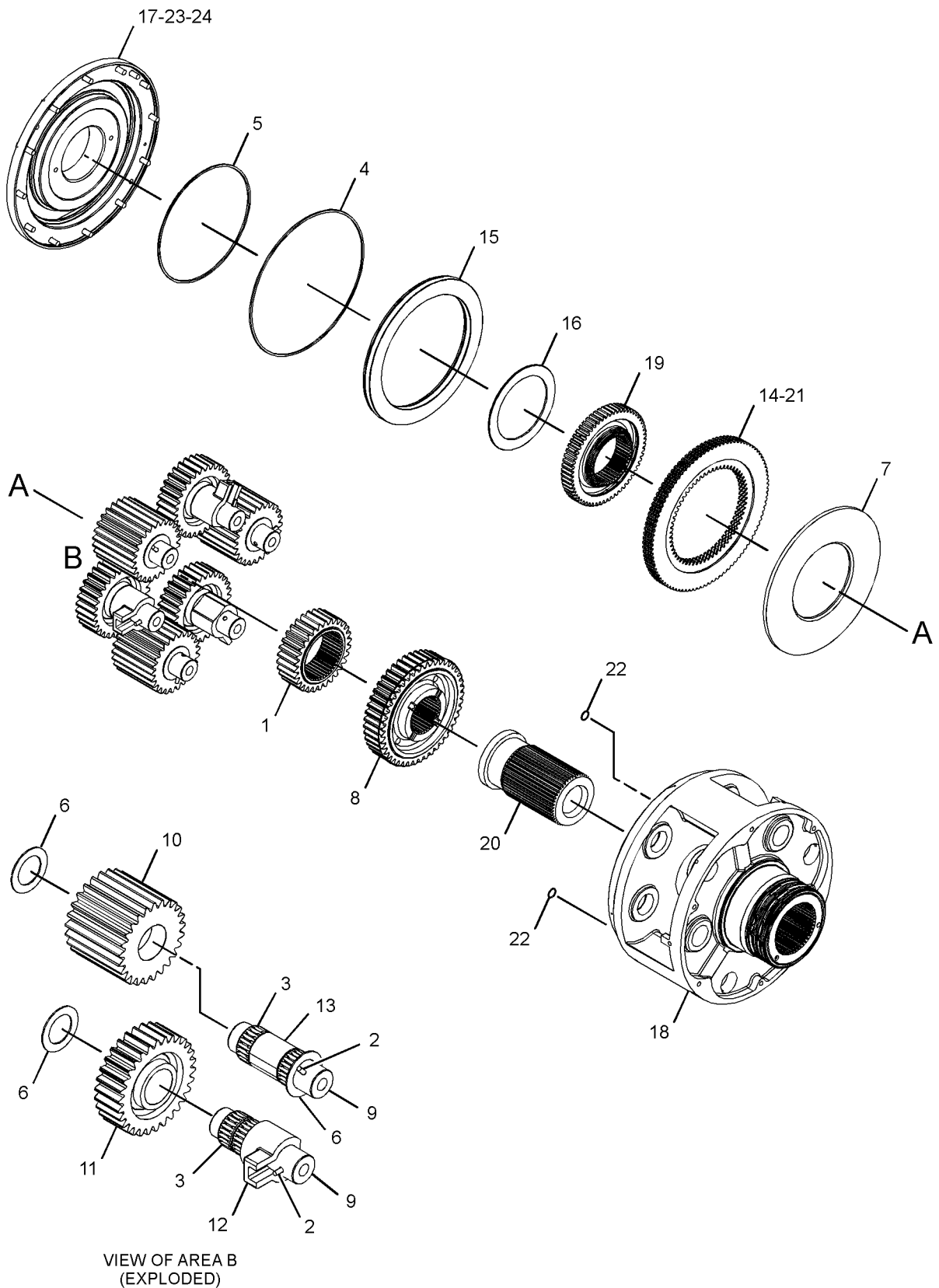
M-METRIC PART

Y-SEPARATE ILLUSTRATION

POWER TRAIN

335-1111 PLANETARY GP-TRANSFER GEAR (contd.)

i04187929



GRAPHIC #1

<END>

g02386796

POWER TRAIN

303-9467 PLANETARY GP-TRANSMISSION

S/N: K2S1-UP

PART OF 303-2298 TRANSMISSION AR

SMCS-3160

i04171465

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	3, 4	1A-2170	28	SPRING-RETAINER	
	2	2	1M-9691	10	SPRING	
	3	3	1T-0141	1	RING-METAL SEAL	
	4	5	3N-8506	1	RING-PISTON	
	5	3, 4	3T-0707	2	PLATE AS	
	6	3	3T-3723	1	PISTON-BALANCE	
	7	3	3T-3751	1	PISTON-CLUTCH	
	8	4	3T-6999	1	GEAR-SUN (30, 26-TEETH)	
	9	4	3T-7000	1	RING-RETAINING	
	10	1	4M-1678	10	SPRING	
	11	2, 5	4M-9592	20	SPRING	
	12	3	4S-5816	1	RING-SEAL	
	13	5	5M-6126	13	BEARING AS-ROLLER	
	14	5	5M-6212	3	TUBE	
	15	1	5P-9344	1	BEARING AS-ROLLER	
	16	5	5P-9345	8	BEARING	
R	17	1, 2	6T-1996	9	PLATE-CLUTCH	
	18	1	6V-1720	1	PLATE-SERIAL NUMBER (TRANSMISSION)	
	19	3	6Y-2281	2	RING-SEAL	
	20	3	6Y-5888	2	RING-SEAL	
	21	3, 4	6Y-9807	5	DISC-FRICTION	
	22	3	7G-0713	1	CARRIER AS	
		3	9L-9068	2	DOWEL	
	23	5	7G-0719	3	SHAFT-PLANETARY	
	24	5	7G-0720	3	SHAFT-PLANETARY	
	25	5	7G-0721	4	SHAFT-PLANETARY	
	26	4	7G-0725	1	GEAR-RING (72-TEETH)	
	27	3	7G-0727	1	GEAR-RING (101-TEETH)	
	28	2, 4	7G-0731	2	PISTON-CLUTCH	
	29	3	7G-0739	1	HOUSING AS	
		3	8M-6521	2	DOWEL	
	30	2	7G-0743	1	PLATE	
	31	2	7G-0744	1	PLATE-RETAINER	
	32	5	7G-0746	4	SHAFT AS	
					(EACH INCLUDES)	
		5	5M-7921	1	PLUG-CORE	
	33	5	7G-0747	5	SHAFT AS	
					(EACH INCLUDES)	
		5	2A-3746	1	PLUG-CUP	
R	34	3, 4	7G-0824	4	PLATE-CLUTCH	
R	35	3, 4	7G-0825	3	PLATE-CLUTCH	
	36	1	7G-1136	1	GEAR AS-SUN (29-TEETH)	
		1	7G-1137	1	GEAR-SUN (29-TEETH)	
		1	7G-1138	1	HUB-COUPLING	
		1	9S-2843	1	RING-LOCK	
	37	2	7G-1141	1	SHAFT-CENTER	
	38	4	7G-1143	1	GEAR AS (73-TEETH)	
		4	9M-2001	1	DOWEL	
	39	3	7G-1146	1	GEAR AS-SUN (55-TEETH)	
		3	9M-2001	1	DOWEL	
	40	2	7G-1148	1	GEAR-SUN (30-TEETH)	
	41	1	7G-1158	1	SHIM PACK (INCLUDES 17-SHIMS)	
	42	1	7G-1159	1	PLATE-RETAINER	
	43	1	7G-1596	1	RING-RETAINING	
	44	5	7G-2475	3	GEAR-PLANETARY (24-TEETH)	
	45	5	7G-2476	6	GEAR-PLANETARY (20-TEETH)	

POWER TRAIN

303-9467 PLANETARY GP-TRANSMISSION (contd.)

i04171465

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	46	5	7G-2516	4	GEAR-PLANETARY (24-TEETH)	
	47	4	7M-5813	10	SPRING	
	48	4	8E-3602	1	CARRIER AS	
	48A	4	3T-7003	1	BUSHING	
	49	1	8E-3610	1	RETAINER	
	50	5	8E-8304	26	DISC-THRUST	
	51	5	8E-8306	8	DISC-THRUST	
	52	5	8E-8307	10	DISC-THRUST	
	53	3	8E-9292	1	MANIFOLD AS	
		3	8S-3426	1	DOWEL	
	54	5	8E-9599	1	PISTON-CLUTCH	
R	55	5	8P-2051	1	PLATE-CLUTCH	
	56	4	8P-2053	1	SEAL-RING	
	57	3	9F-3788	1	RING-METAL SEAL	
	58	4	9F-3823	2	RING-SEAL	
	59	2	9M-1503	1	RING-METAL SEAL	
	60	2	9M-4355	10	DAMPER-BOLT	
	61	4, 5	9P-7390	2	DISC AS-FRICTION	
	62	1, 2, 4	9U-9999	16	DISC-FRICTION	
	63	4	9W-9158	1	PISTON-BALANCE	
	64	4	9W-9159	1	PISTON-CLUTCH	
	65	1, 2	132-9643	2	PISTON-CLUTCH	
	66	1	133-2968	1	GEAR-RING (85-TEETH)	
	67	2	133-2969	1	GEAR-RING (85-TEETH)	
	68	2	133-2972	1	HOUSING AS	
		2	1A-2223	2	DOWEL	
	69	2	133-3024	1	HOUSING-CLUTCH	
	70	1	135-8685	10	PIN	
	71	1	141-9746	1	PLATE-END	
	72	5	145-2339	1	HUB AS	
		5	9M-2001	1	DOWEL	
	73	2	164-9661	1	HOUSING AS	
		2	1A-2223	4	DOWEL	
	74	1	164-9662	5	DOWEL-REACTION	
	75	2	171-7209	1	RING-SEAL	
	76	2	176-4114	1	CARRIER AS	
	76A	2	6F-6547	1	BUSHING	
	77	1	350-6605	1	ROTOR-SENSOR	
	78	1	185-8733	1	RETAINER AS	
	79	1	185-8766	1	YOKE AS	
		1	2V-4458	1	CUP	
	80	1	191-8304	1	SENSOR GP-SPEED (TRANSMISSION OUTPUT 1)	
	81	1	191-8305	1	SENSOR GP-SPEED (TRANSMISSION OUTPUT 2)	
					(EACH SENSOR GP INCLUDES)	
		1	137-6645	1	PAD-CONNECTOR	
Y	82	3	201-6615	1	SENSOR GP-SPEED (TRANSMISSION)	287
	83	1	222-1550	1	CARRIER-PLANETARY	
	84	5	224-4825	4	GEAR-PLANETARY (20-TEETH)	
	85	5	224-4826	5	GEAR-PLANETARY (21-TEETH)	
	86	1	266-0830	1	SEAL-LIP TYPE	
	87	3	303-9502	1	MANIFOLD-CENTER	
	88	3	303-9503	1	HOUSING AS	
	89	4	307-3850	1	HOUSING-CLUTCH	
	90	5	320-7260	1	HOUSING AS	
	91	5	320-7261	1	CAGE-BEARING	
	92	1	341-8380	2	BRACKET AS	
					(EACH INCLUDES)	
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)	
	93	3	061-6712	1	RING-RETAINING	

POWER TRAIN

303-9467 PLANETARY GP-TRANSMISSION (contd.)

i04171465

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	94	5	067-3161	1	RING-RETAINING	
	95	3	0S-1571	9	BOLT (3/8-16X1.75-IN)	
	96	1	0S-1587	25	BOLT (1/2-13X1.75-IN)	
	97	5	0S-1588	36	BOLT (3/8-16X1.25-IN)	
	98	2, 3	0S-1617	4	BOLT (5/16-18X0.75-IN)	
	99	1	0T-0573	8	BOLT (3/8-16X2.75-IN)	
	100	1	117-1385	3	SEAL-O-RING	
	101	5	149-5461	1	SEAL-O-RING	
	102	1	188-0751	1	RING-RETAINING	
	103	5	1A-7669	8	BOLT (1/2-13X7-IN)	
	104	2	1B-7182	2	BOLT (5/16-18X1.25-IN)	
	105	1	1D-4574	10	BOLT (1/2-13X6-IN)	
	106	3	1S-0579	1	BALL BEARING	
	107	5	1T-0720	4	BOLT-12 POINT HEAD (3/8-16X1.25-IN)	
	108	5	2B-0947	8	BOLT (1/2-13X2.25-IN)	
	109	1	2H-3755	2	BOLT (5/16-18X0.43-IN)	
	110	3	2L-0043	1	RING-RETAINING	
	111	5	3D-9348	2	BOLT (1/2-13X7.75-IN)	
	112	1	3E-4352	2	WASHER-HARD (8.8X20.5X2.5-MM THK)	
	113	2	3P-0896	2	RING-RETAINING	
	114	1, 2, 4	3P-2795	4	SEAL-RING	
	115	5	3S-2708	19	PIN-SPRING	
	116	3	3T-2299	2	RING-SEAL EXTENSION	
	117	4	3T-3725	2	RING-SEAL EXTENSION	
	118	2, 5	4M-8871	10	DOWEL	
	119	1	4M-9641	10	BOLT (1/2-13X12.75-IN)	
	120	1	5F-7054	1	SEAL-O-RING	
	121	3, 4	5L-4753	2	RING-RETAINING	
	122	5	5M-0578	10	BEARING AS-ROLLER	
	123	1, 3, 5	5M-2894	53	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	124	3	5P-0076	6	BOLT-12 POINT HEAD (3/8-16X1.5-IN)	
	125	5	5P-5296	1	RING-RETAINING	
	126	5	5P-6727	1	BALL BEARING	
	127	1, 5	5P-8245	63	WASHER-HARD (13.5X25.5X3-MM THK)	
	128	3	5P-9362	1	RING-RETAINING	
	129	1	6L-4783	16	BOLT-12 POINT HEAD (5/16-18X1.25-IN)	
	130	4	6V-4323	1	BALL BEARING	
M	131	3	6V-5215	1	BOLT (M8X1.25X16-MM)	
	132	1, 2	7G-1186	2	RING-SEAL (EXTERNAL)	
	133	1	8D-4771	1	SEAL-O-RING	
	134	1	8D-8621	1	RING-RETAINING	
	135	5	8P-2022	1	RING-SEAL	
	136	2, 4	8P-8744	2	RING-SEAL EXTENSION	
	137	5	8P-9569	1	RING-SEAL	
	138	4	8S-3370	1	RING-SEAL	
	139	4	9H-5545	5	DOWEL-REACTION	
	140	2, 3	9M-1974	7	WASHER-HARD (8.8X16X2-MM THK)	
	141	1	9M-5894	1	SEAL-O-RING	
	142	2, 3	9U-8233	2	BALL BEARING	

M-METRIC PART

R-REMFG PART MAY BE AVAILABLE

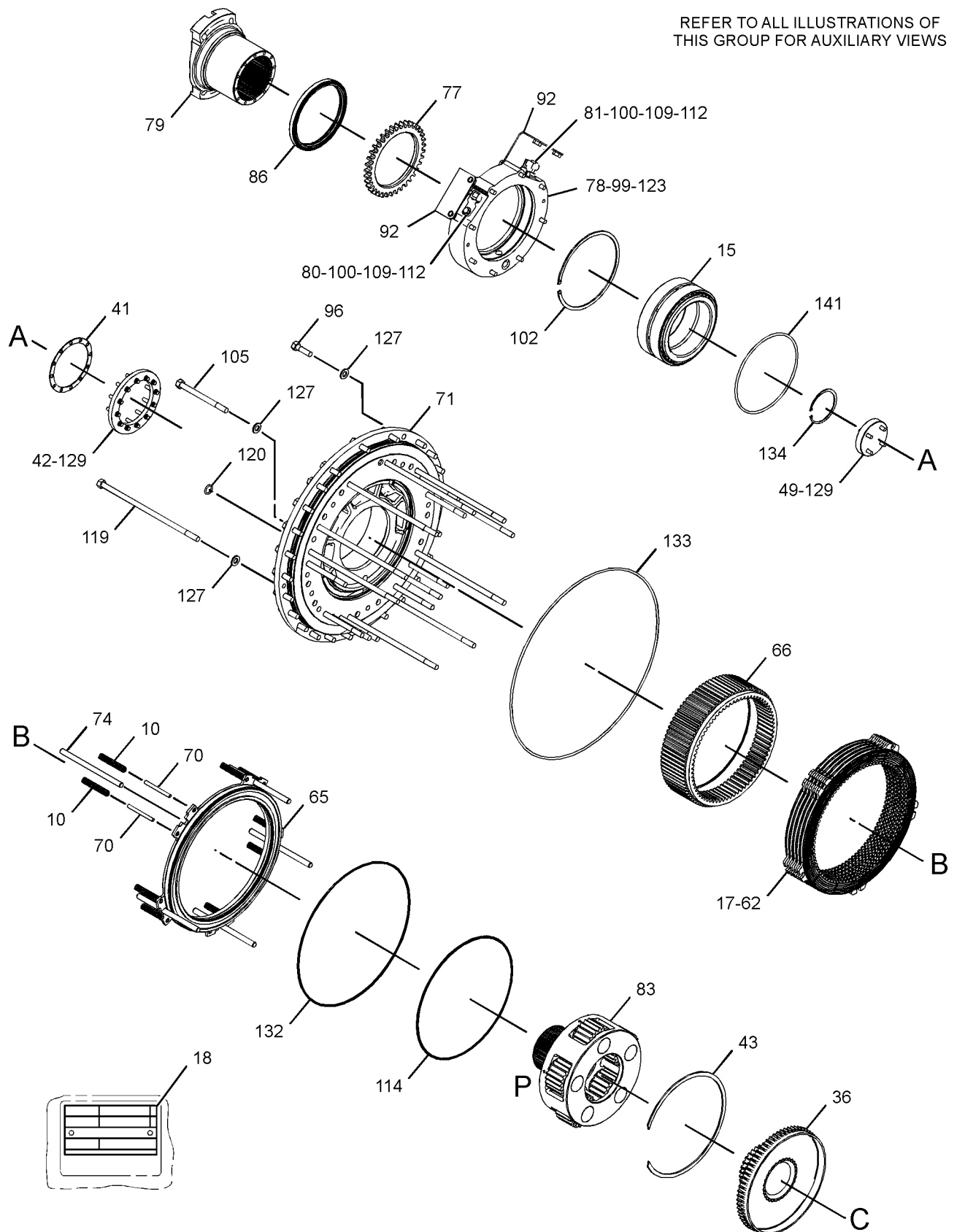
Y-SEPARATE ILLUSTRATION

POWER TRAIN

303-9467 PLANETARY GP-TRANSMISSION (contd.)

i04171465

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



GRAPHIC #1

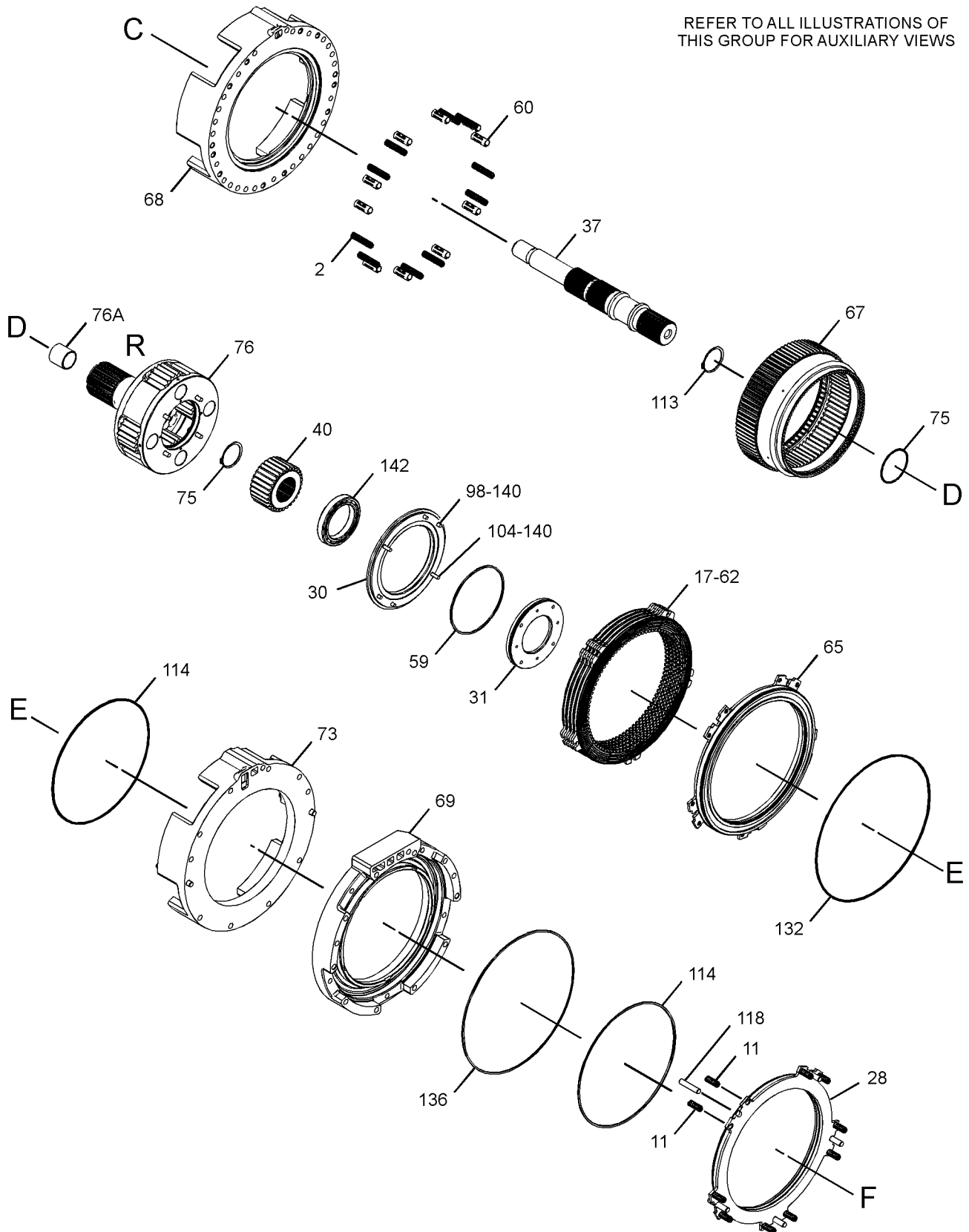
g02427656

POWER TRAIN

303-9467 PLANETARY GP-TRANSMISSION (contd.)

i04171465

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



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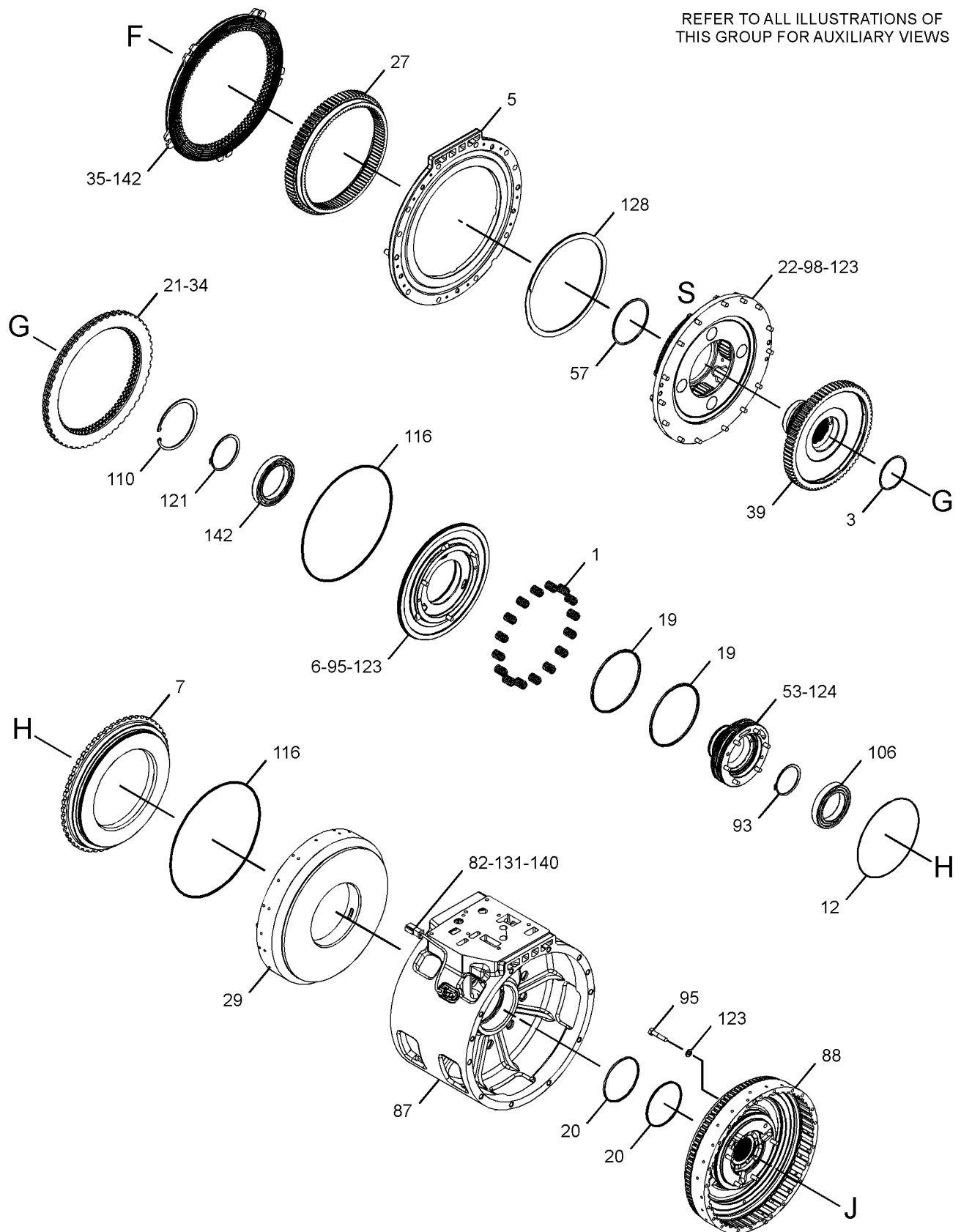
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POWER TRAIN

303-9467 PLANETARY GP-TRANSMISSION (contd.)

i04171465

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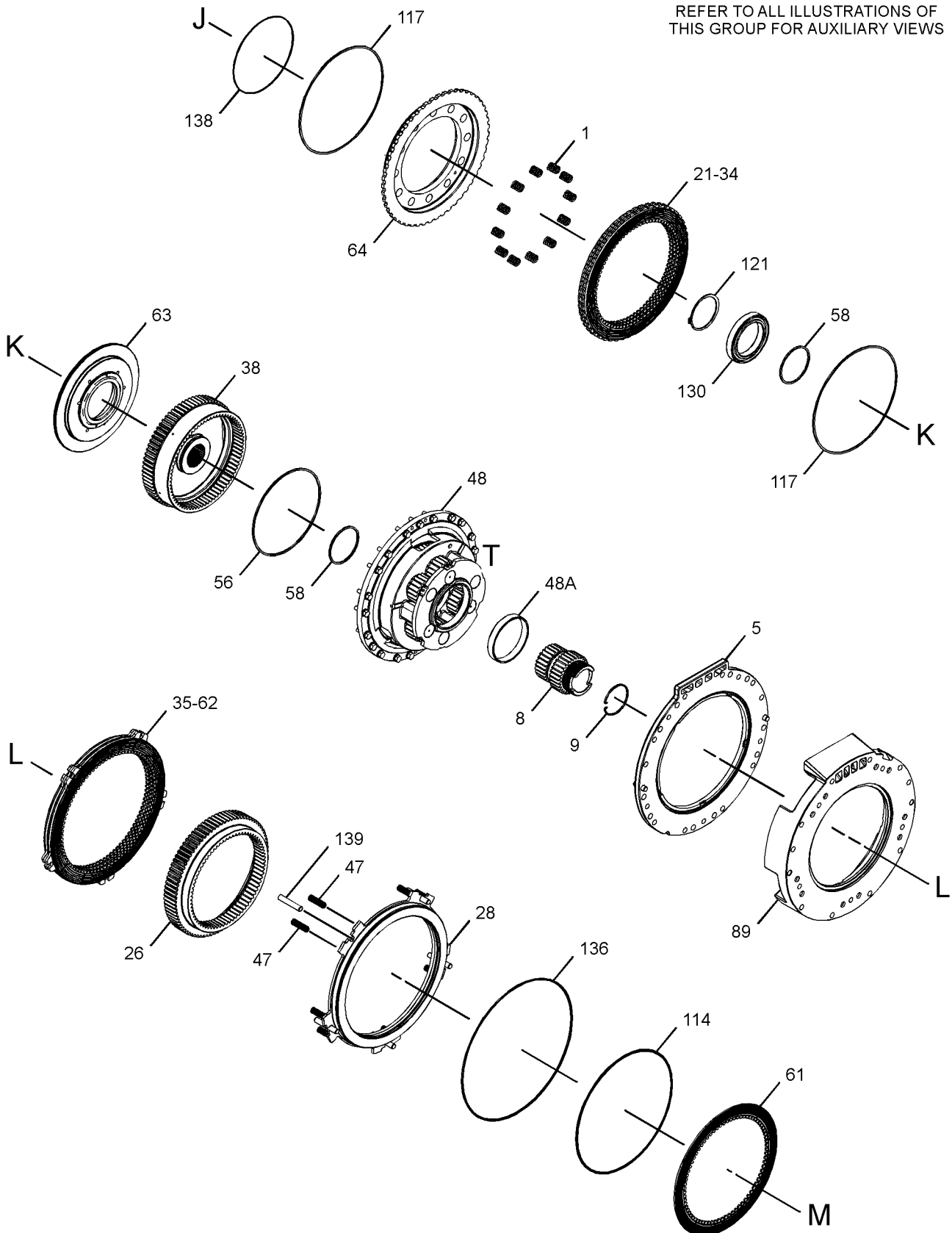
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POWER TRAIN

303-9467 PLANETARY GP-TRANSMISSION (contd.)

i04171465

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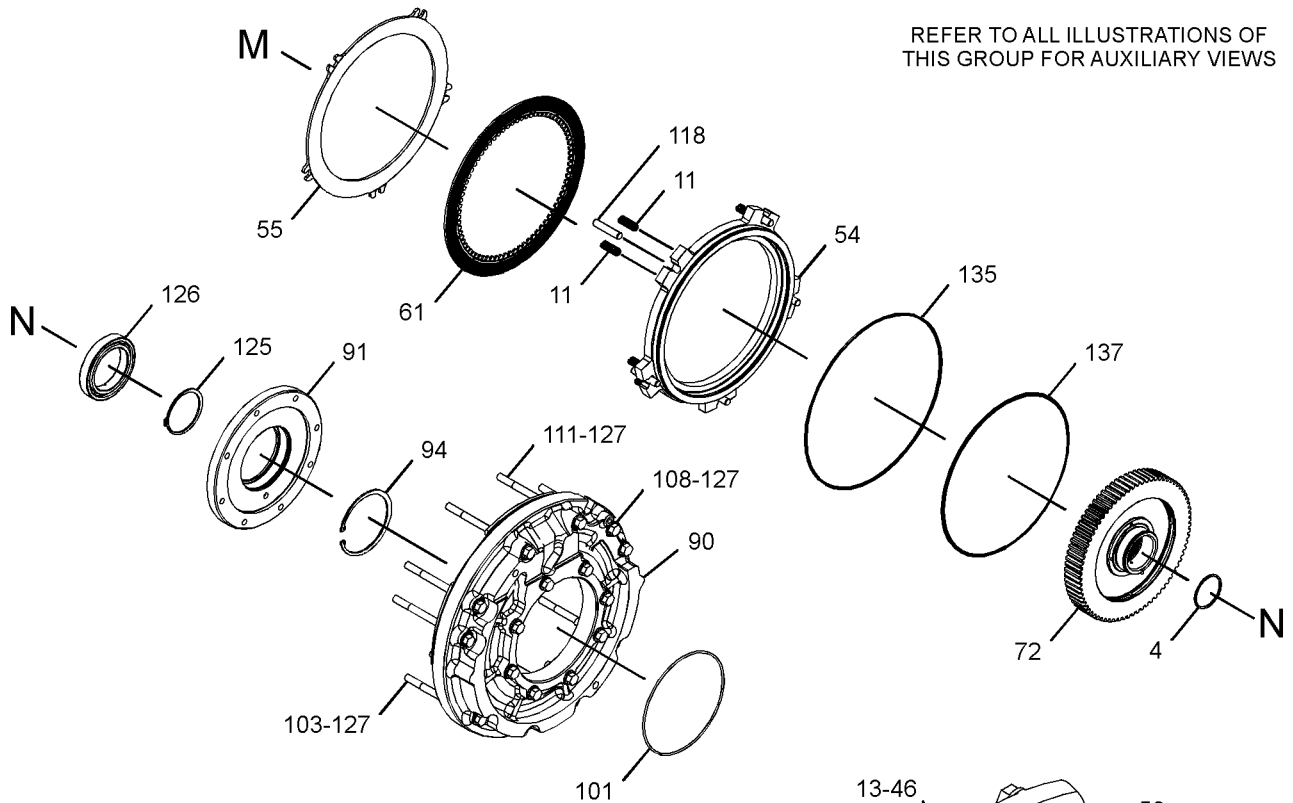
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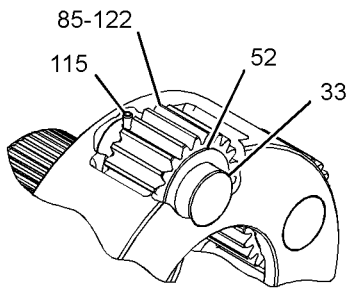
POWER TRAIN

303-9467 PLANETARY GP-TRANSMISSION (contd.)

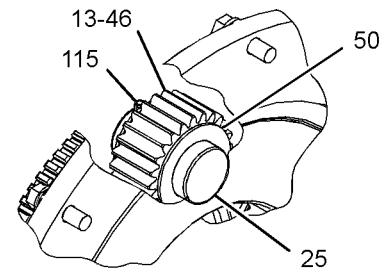
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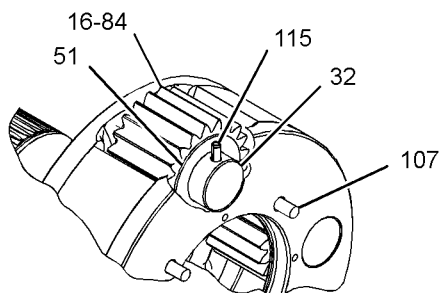
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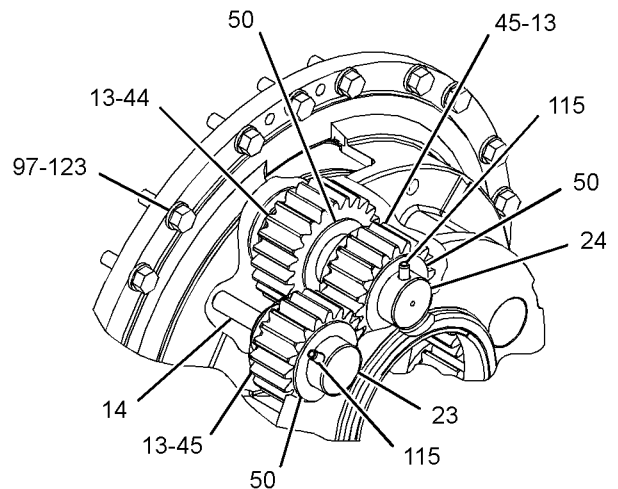
VIEW OF AREA P



VIEW OF AREA S



VIEW OF AREA R



VIEW OF AREA T

GRAPHIC #5

<END>

g02427717

POWER TRAIN

291-8722 POWER TRAIN AR

S/N: T4R1-UP

PART OF 291-8649 GENERAL AR

SMCS-3000, 4000

i04217331

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	291-8896	1	AFTERCOOLER GP-AIR						130
Y	291-8902	1	AIR CLEANER GP						133
Y	328-3724	1	AXLE AR-CENTER						349
Y	328-3725	1	AXLE AR-FRONT						349
Y	328-3726	1	AXLE AR-REAR						349
Y	291-8897	1	BREATHER GP-POWER TRAIN						358
Y	291-8905	1	FILLER GP-POWER TRAIN OIL						387
Y	335-1789	1	GEAR GP-OUTPUT TRANSFER						392
Y	365-9897	1	GUARD GP-BELT						47
Y	291-8912	1	LINES GP-AIR (TURBOCHARGER)						148
Y	291-8915	1	LINES GP-AIR (AFTERCOOLER)						149
Y	332-3065	1	LINES GP-AIR CONDITIONER						730
Y	291-8922	1	LINES GP-COOLANT						100
Y	345-4156	1	LINES GP-COOLING (CLEAN EMISSIONS MODULE)						155
Y	291-8923	1	LINES GP-ENGINE OIL DRAIN (ENGINE OIL)						91
Y	291-8925	1	LINES GP-EXHAUST						160
Y	291-8927	1	LINES GP-FUEL						202
Y	291-8930	1	LINES GP-HEATER						732
Y	291-8932	1	LINES GP-POWER TRAIN COOLER						403
Y	351-8200	1	LINES GP-PUMP (OUTPUT TRANSFER GEAR)						404
Y	352-9189	1	LINES GP-TRANSMISSION OIL						407
Y	291-8762	1	MOUNTING GP-CEM						175
Y	152-6958	1	MOUNTING GP-ENGINE						55
Y	370-0358	1	MOUNTING GP-FILTER						410
Y	152-6932	1	MOUNTING GP-TRANSFER GEAR						411
Y	195-1123	1	MOUNTING GP-TRANSMISSION						412
Y	347-6271	1	PUMP & MTG GP-FUEL TRANSFER						209
Y	357-1941	1	PUMP & MTG GP-TRANSFER GEAR (PROPEL)						425
Y	332-3066	1	RADIATOR AR						117
Y	315-6245	1	SHAFT GP-DRIVE (FRONT)						430
Y	152-7027	1	SHAFT GP-HITCH DRIVE						431
Y	335-3239	1	SHAFT GP-MAIN DRIVE						433
Y	152-7028	1	SHAFT GP-REAR DRIVE						434
Y	291-8937	1	SHIELD GP-EXHAUST						180
Y	328-4116	1	STARTING AID GP-ETHER						294
Y	303-2298	1	TRANSMISSION AR						445

Y-SEPARATE ILLUSTRATION

<END>

POWER TRAIN

357-1941 PUMP & MTG GP-TRANSFER GEAR

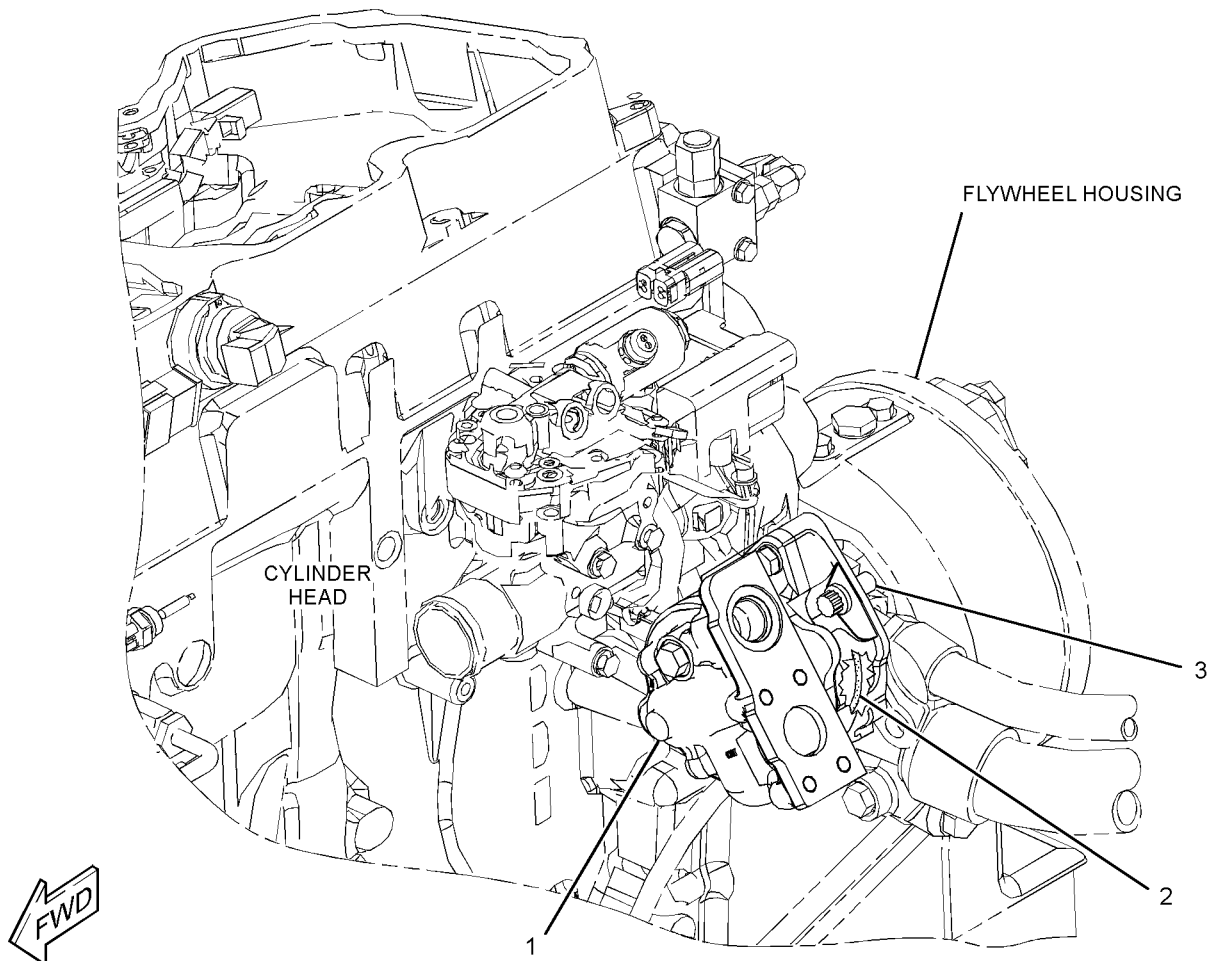
S/N: T4R1-UP

PART OF 291-8722 POWER TRAIN AR

SMCS-5073

i04171594

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	357-1663	1	PUMP GP-GEAR (OUTPUT TRANSFER)	426
	2	1	1H-6227	1	SEAL-O-RING	
	3	1	9M-6590	2	BOLT-12 POINT HEAD (1/2-13X1-IN)	
Y-SEPARATE ILLUSTRATION						



GRAPHIC #1

<END>

g02408624

POWER TRAIN

357-1663 PUMP GP-GEAR

S/N: T4R1-UP

PART OF 357-1941 PUMP & MTG GP-TRANSFER GEAR

SMCS-3066, 3115, 5073

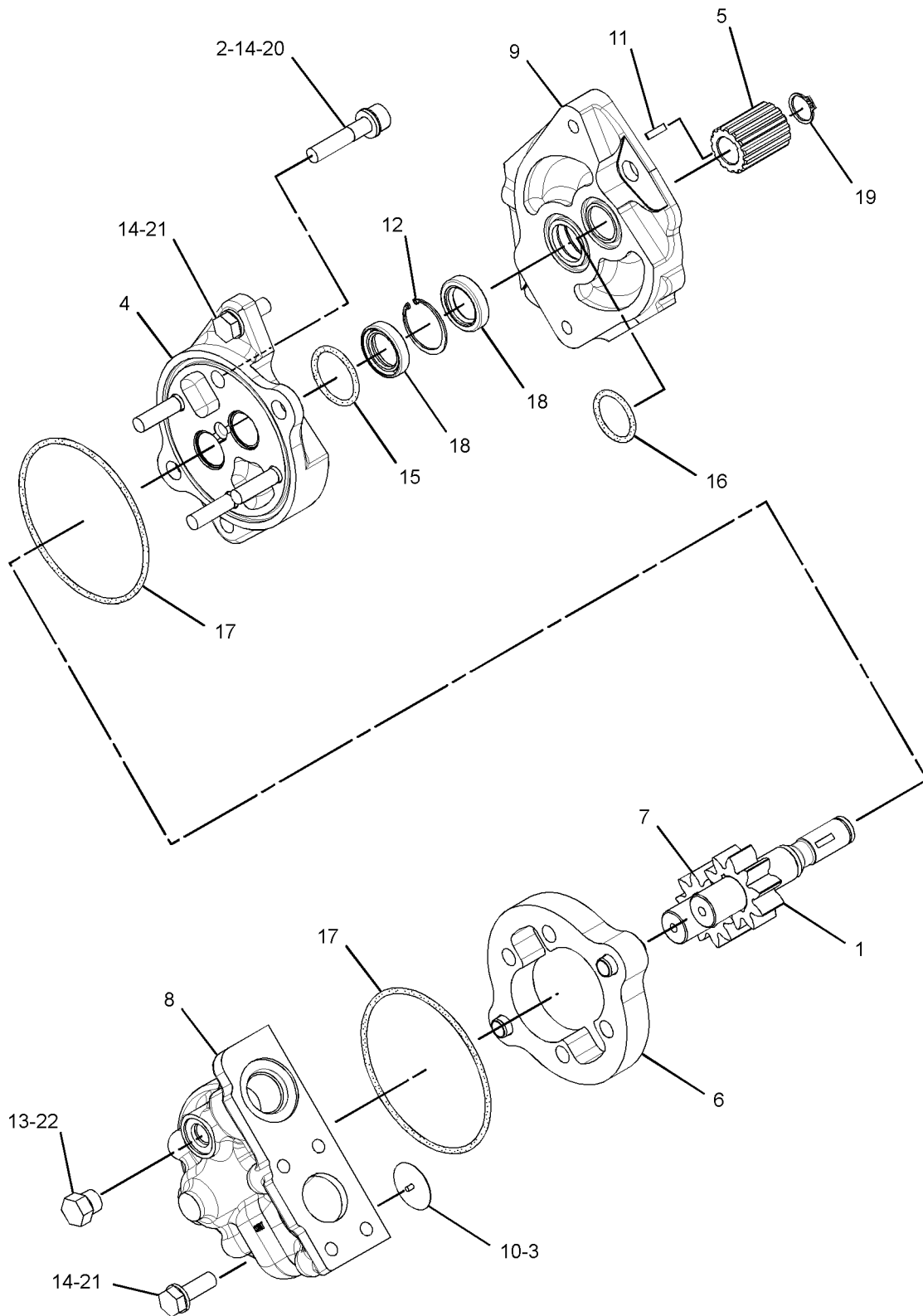
i04171593

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-4384	1	GEAR AS-PUMP (10-TEETH)						
	2	1	6Y-5010	8	WASHER (10.16X19X0.84-MM THK)						
	3	1	7B-3028	1	SCREW-DRIVE (NO 4X 3/16-IN)						
	4	1	358-1588	1	COVER AS						
		1	2S-7931	1	BEARING						
		1	121-6608	1	BUSHING						
	5	1	176-9329	1	ADAPTER						
	6	1	177-7884	1	BODY AS-OIL PUMP						
		1	1M-3736	2	DOWEL						
	7	1	184-7407	1	GEAR AS-OIL PUMP (10-TEETH)						
	8	1	191-6110	1	MANIFOLD AS						
		1	2S-7931	2	BEARING						
	9	1	357-1664	1	ADAPTER AS-OIL PUMP						
	10	1	357-1667	1	PLATE						
	11	1	1B-8705	1	KEY-WOODRUFF						
	12	1	1L-3768	1	RING-RETAINING						
	13	1	3J-1907	1	SEAL-O-RING						
	14	1	3S-0004	6	WASHER (0.406X0.728X0.09-IN THK)						
	15	1	4J-0520	1	SEAL-O-RING						
	16	1	4J-8997	1	SEAL-O-RING						
	17	1	4M-0189	2	SEAL-O-RING						
	18	1	7S-3029	2	SEAL-LIP TYPE						
	19	1	8T-0706	1	RING-RETAINING						
M	20	1	8T-1160	4	BOLT-SOCKET HEAD (M10X1.5X50-MM)						
M	21	1	8T-4195	2	BOLT (M10X1.5X30-MM)						
	22	1	9S-4191	1	PLUG-O-RING						
M-METRIC PART											

POWER TRAIN

357-1663 PUMP GP-GEAR (contd.)

i04171593



GRAPHIC #1

<END>

g02408196

POWER TRAIN

358-6791 PUMP GP-GEAR-TRANSMISSION

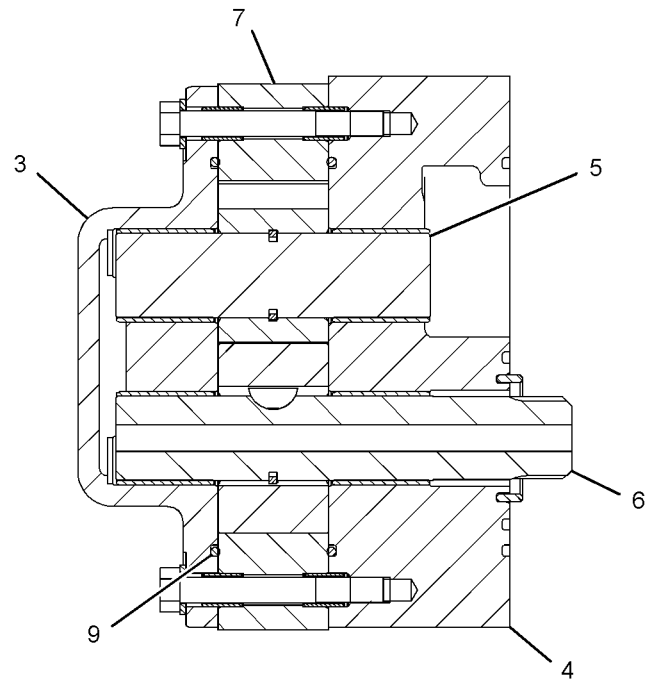
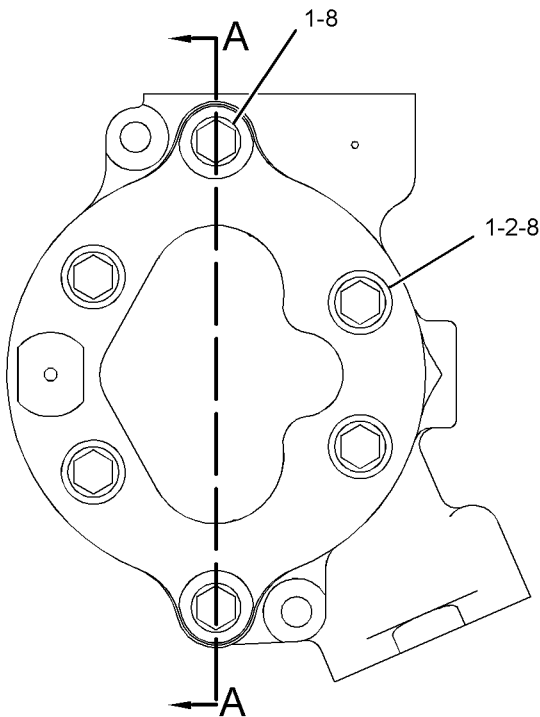
S/N: K2S1-UP

PART OF 303-2298 TRANSMISSION AR

SMCS-3066, 3115, 5073

i04185429

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-0004	6	WASHER (0.406X0.728X0.09-IN THK)						
	2	1	9S-1018	8	WASHER (9.73X19.05X0.84-MM THK)						
	3	1	156-4319	1	COVER AS						
		1	131-0167	2	BUSHING						
	4	1	157-0681	1	MANIFOLD AS						
		1	131-0167	2	BUSHING						
	5	1	157-0682	1	GEAR AS-OIL PUMP (12-TEETH)						
	6	1	157-0683	1	GEAR AS-OIL PUMP (12-TEETH)						
	7	1	358-5945	1	BODY AS						
	8	1	0S-1619	6	BOLT (3/8-16X3-IN)						
	9	1	161-8068	2	SEAL-O-RING						



SECTION A-A

GRAPHIC #1

<END>

g02306336

POWER TRAIN

367-3091 RIM GP-DEMOUNTABLE

S/N: T4R1-UP

25X25

PART OF 365-4869, 365-4871, 365-4872, 365-4873, 367-6795, 367-6796, 367-6797

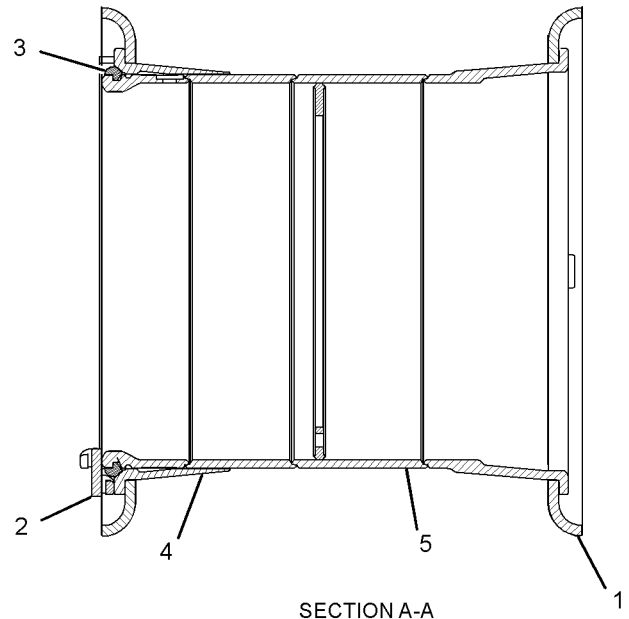
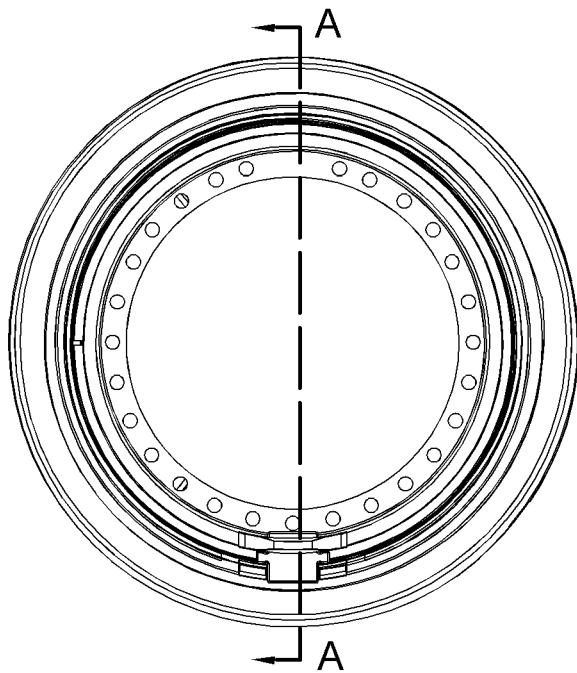
TIRE & RIM GP

ALSO AN ATTACHMENT

SMCS-4209

i04137853

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5K-4865	2	FLANGE						
	2	1	5T-5682	1	DRIVER						
	3	1	7D-7469	1	RING-LOCK						
	4	1	8X-1983	1	BAND AS						
		1	8X-0948	1	BAND-BEAD SEAT						
	5	1	367-3093	1	RIM AS						



GRAPHIC #1

<END>

g02352772

POWER TRAIN

315-6245 SHAFT GP-DRIVE-FRONT

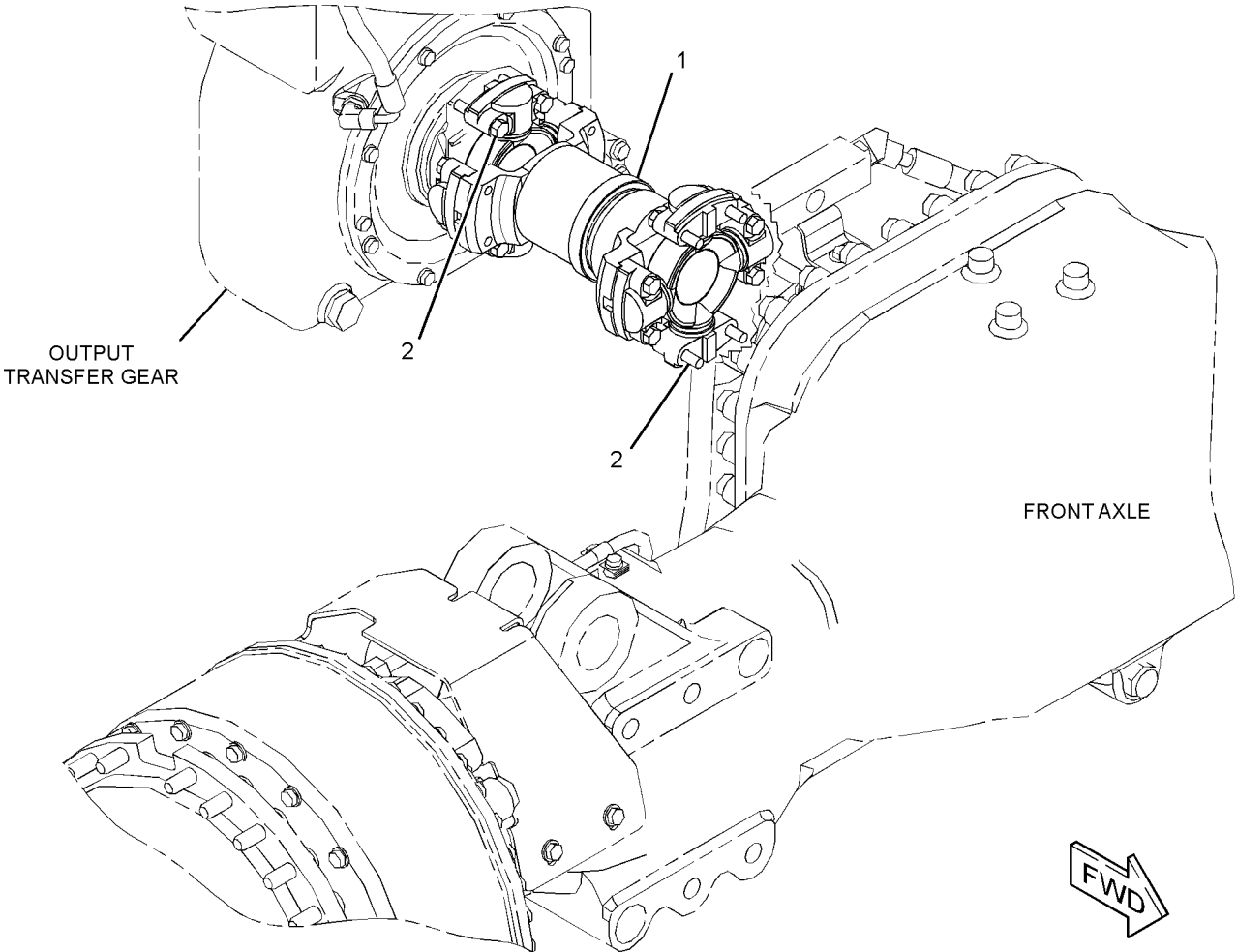
S/N: T4R1-UP

PART OF 291-8722 POWER TRAIN AR

SMCS-3253

i04171534

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	315-6178	1	SLIP JOINT GP (FRONT)						
		1	0S-1604	8	BOLT (1/2-20X2.5-IN)						
		1	173-0888	2	UNIVERSAL JOINT GP-ROTOR DRIVE						
	2	1	0S-1604	8	BOLT (1/2-20X2.5-IN)						



GRAPHIC #1

<END>

g02398340

POWER TRAIN

152-7027 SHAFT GP-HITCH DRIVE

S/N: T4R1-UP

PART OF 291-8722 POWER TRAIN AR

SMCS-3253

i04279895

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	095-1689	1	SEAL-O-RING						
	2	1	146-2985	1	PLATE AS-LOCK						
	3	1	159-1074	1	CARRIER						
	4	1	159-1075	1	SHAFT						
	5	1	177-0841	2	YOKE AS						
					(EACH INCLUDES)						
		1	105-5088	1	GUARD						
	6	1	184-4223	2	RETAINER						
Y	7	1	188-0867	1	UNIVERSAL JOINT GP (HITCH DRIVE)						448
C	8	1	213-3409	1	FLANGE						
C	9	1	213-3410	1	CARRIER						
	10	1	0S-1604	8	BOLT (1/2-20X2.5-IN)						
	11	1	109-0119	1	RING-RETAINING						
	12	1	5P-5293	2	BALL BEARING						
	13	1	6V-5028	2	SEAL-LIP TYPE						
	14	1	6V-7681	1	SEAL-O-RING						
	15	1	7D-1195	2	SEAL-O-RING						
M	16	1	7X-2556	2	BOLT (M16X2X100-MM)						
CM	17	1	8T-0282	3	BOLT (M16X2X120-MM)						
CM	18	1	8T-0649	9	BOLT (M16X2X110-MM)						
	19	1	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)						
	20	1	8T-4122	12	WASHER-HARD (17X32X3.5-MM THK)						
M	21	1	8T-4185	6	BOLT (M10X1.5X50-MM)						

C-CHANGE FROM PREVIOUS TYPE

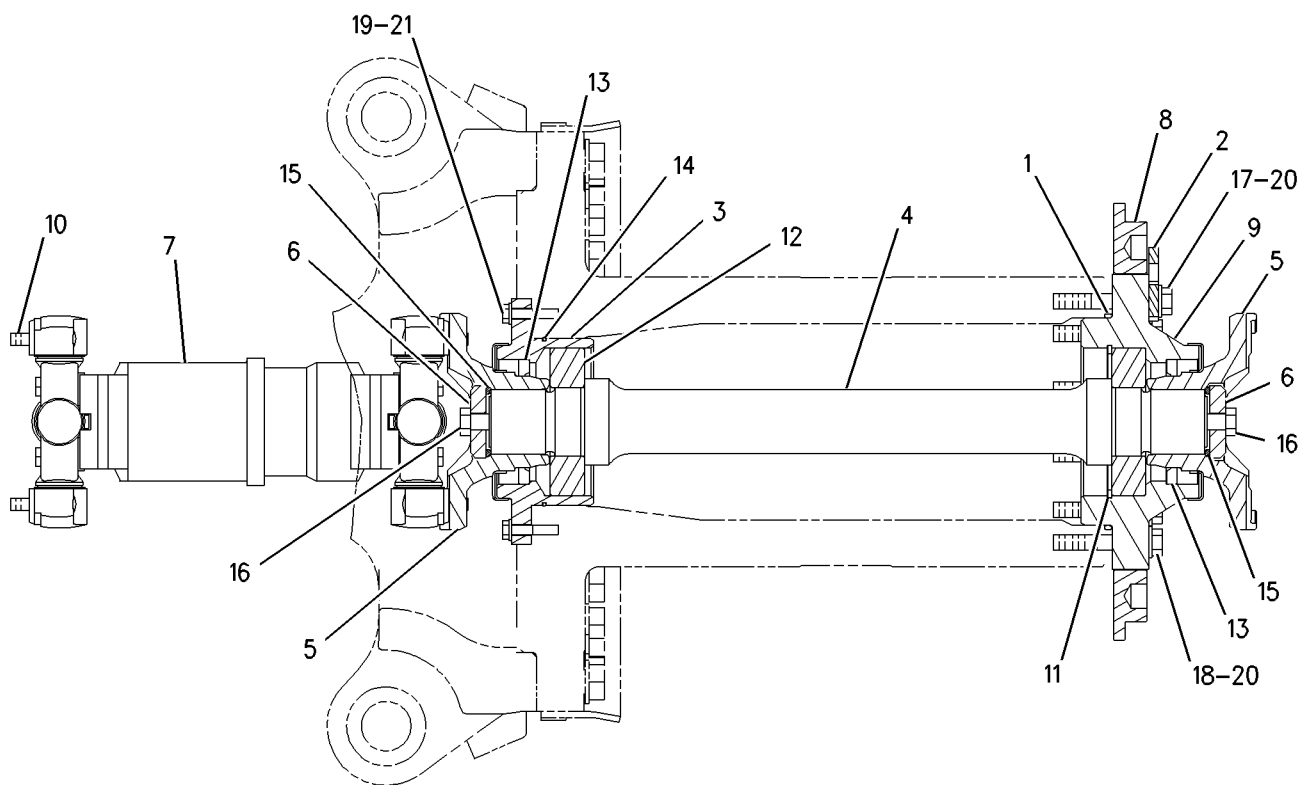
M-METRIC PART

Y-SEPARATE ILLUSTRATION

POWER TRAIN

152-7027 SHAFT GP-HITCH DRIVE (contd.)

i04279895



GRAPHIC #1

<END>

g00906777

POWER TRAIN

335-3239 SHAFT GP-MAIN DRIVE

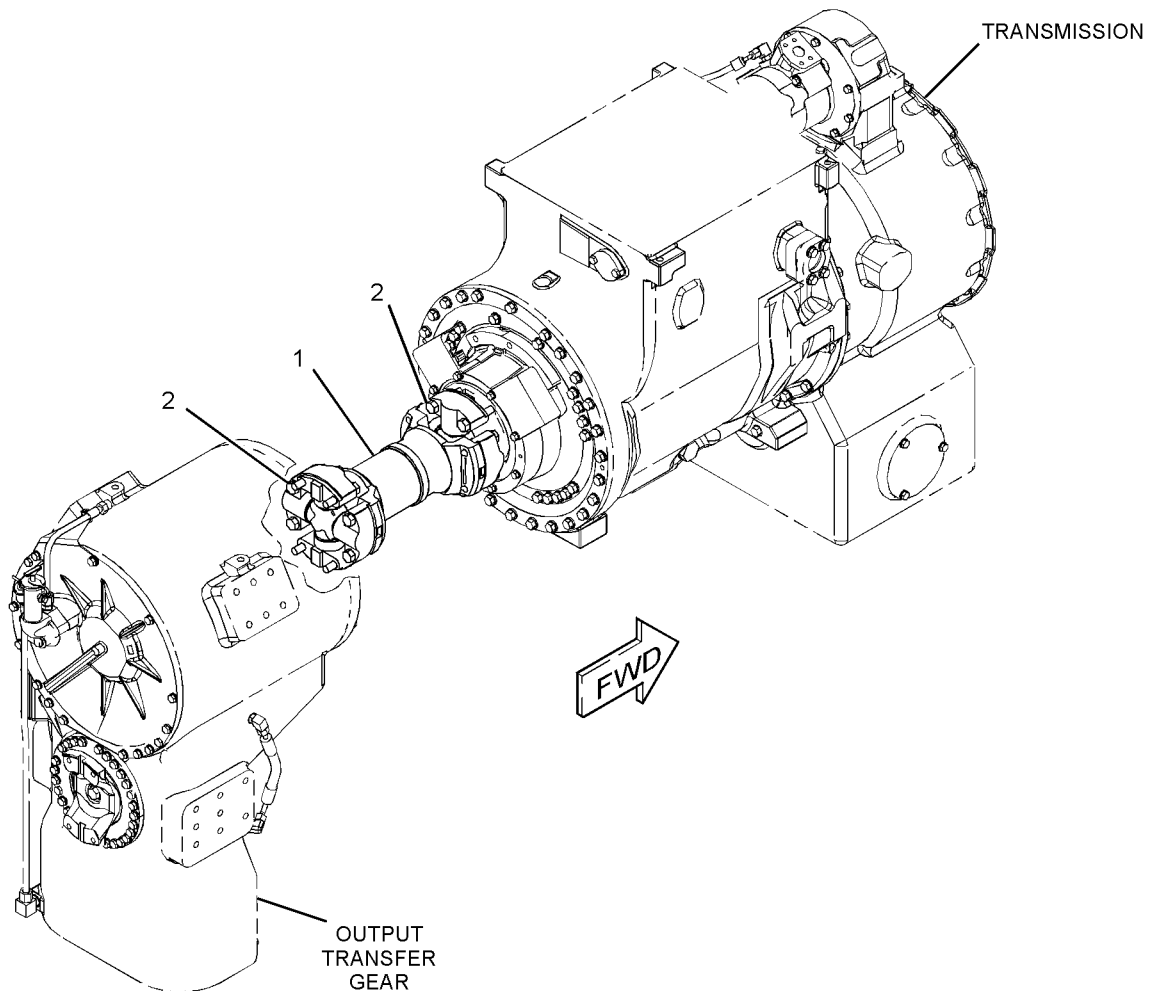
S/N: T4R1-UP

PART OF 291-8722 POWER TRAIN AR

SMCS-3253

i04171540

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	335-3240	1	SLIP JOINT GP						
		1	8B-5144	8	BOLT (5/8-18X3-IN)						
		1	172-5235	2	SPIDER & BEARING AS						
		1	172-7638	1	SEAL						
	2	1	8B-5144	8	BOLT (5/8-18X3-IN)						



GRAPHIC #1

<END>

g02402198

POWER TRAIN

152-7028 SHAFT GP-REAR DRIVE

S/N: T4R1-UP

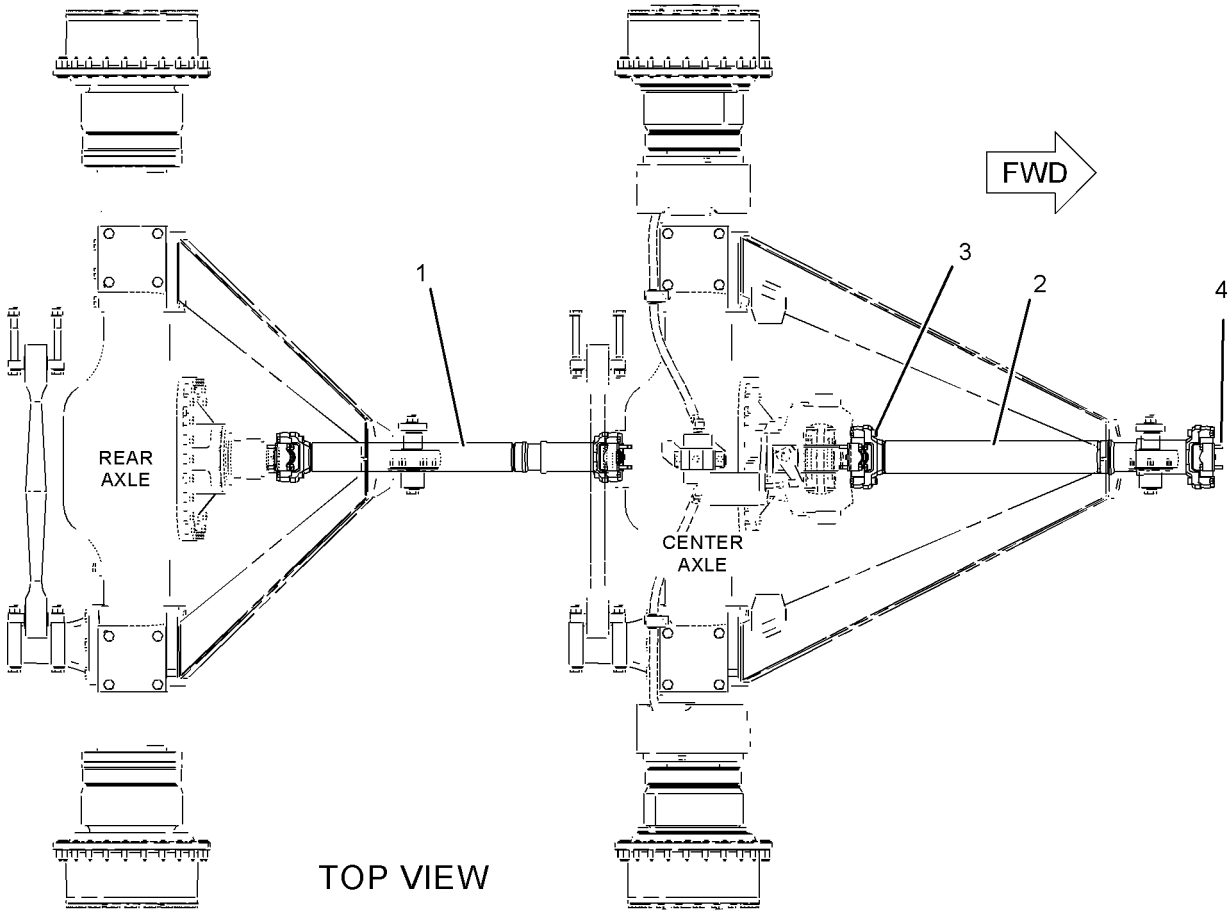
PART OF 291-8722 POWER TRAIN AR

SMCS-3253

i02261925

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	184-6767	1	UNIVERSAL JOINT GP (REAR)						447
Y	2	1	184-6766	1	UNIVERSAL JOINT GP (CENTER, FRONT)						446
	3	1	0S-0484	12	BOLT (1/2-20X2.25-IN)						
	4	1	0S-1604	4	BOLT (1/2-20X2.5-IN)						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01136243

POWER TRAIN

367-9568 TIRE & RIM AR

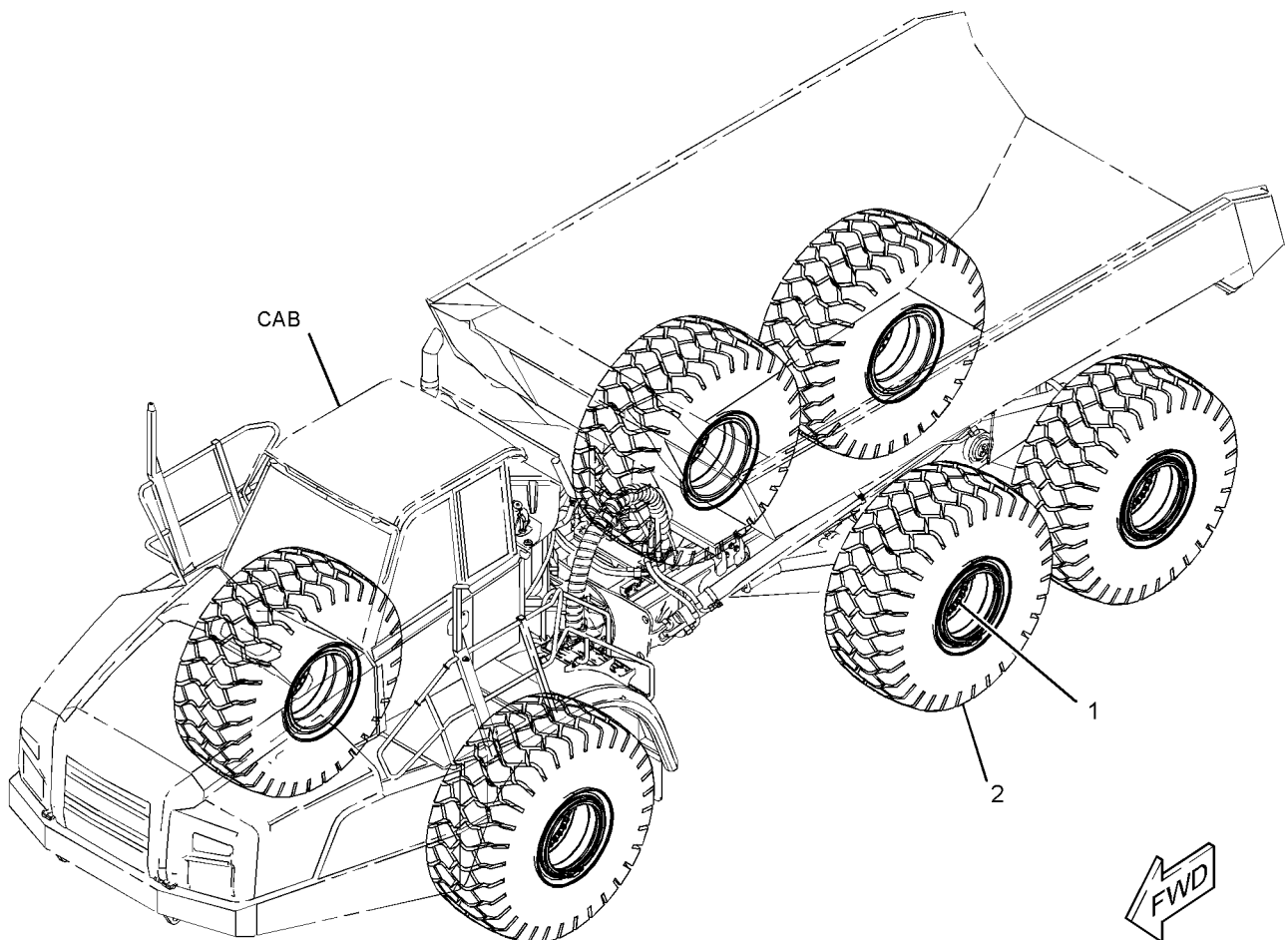
S/N: T4R1-UP

PART OF 291-8649 GENERAL AR

SMCS-4202

i04175138

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	365-4492	6	MOUNTING GP-RIM						
					(EACH INCLUDES)						
		1	2J-3506	27	NUT-FULL (3/4-10-THD)						
		1	5P-8248	27	WASHER-HARD (20X36.5X3.5-MM THK)						
Y	2	1	365-4869	6	TIRE & RIM GP						438
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g02393737

POWER TRAIN

367-9569 TIRE & RIM AR

S/N: T4R1-UP
AN ATTACHMENT

SMCS-4202

i04159196

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	367-6797	6	TIRE & RIM GP						441
	365-4492	6	MOUNTING GP-RIM (EACH INCLUDES)						
	2J-3506	27	NUT-FULL (3/4-10-THD)						
	5P-8248	27	WASHER-HARD (20X36.5X3.5-MM THK)						
Y-SEPARATE ILLUSTRATION									
<END>									

367-9570 TIRE & RIM AR

S/N: T4R1-UP
AN ATTACHMENT

SMCS-4202

i04159194

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	365-4872	6	TIRE & RIM GP						439
	365-4492	6	MOUNTING GP-RIM (EACH INCLUDES)						
	2J-3506	27	NUT-FULL (3/4-10-THD)						
	5P-8248	27	WASHER-HARD (20X36.5X3.5-MM THK)						
Y-SEPARATE ILLUSTRATION									
<END>									

367-9571 TIRE & RIM AR

S/N: T4R1-UP
AN ATTACHMENT

SMCS-4202

i04137850

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	365-4873	6	TIRE & RIM GP						439
	365-4492	6	MOUNTING GP-RIM (EACH INCLUDES)						
	2J-3506	27	NUT-FULL (3/4-10-THD)						
	5P-8248	27	WASHER-HARD (20X36.5X3.5-MM THK)						
Y-SEPARATE ILLUSTRATION									
<END>									

POWER TRAIN

367-9572 TIRE & RIM AR

S/N: T4R1-UP
AN ATTACHMENT

SMCS-4202

i04137849

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	365-4871	6	TIRE & RIM GP						438
	365-4492	6	MOUNTING GP-RIM						
			(EACH INCLUDES)						
	2J-3506	27	NUT-FULL (3/4-10-THD)						
	5P-8248	27	WASHER-HARD (20X36.5X3.5-MM THK)						
Y-SEPARATE ILLUSTRATION									

<END>

367-9573 TIRE & RIM AR

S/N: T4R1-UP
AN ATTACHMENT

SMCS-4202

i04279933

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	367-6795	6	TIRE & RIM GP						440
	365-4492	6	MOUNTING GP-RIM (EACH INCLUDES)						
	2J-3506	27	NUT-FULL (3/4-10-THD)						
	5P-8248	27	WASHER-HARD (20X36.5X3.5-MM THK)						
Y-SEPARATE ILLUSTRATION									

<END>

367-9574 TIRE & RIM AR

S/N: T4R1-UP
AN ATTACHMENT

SMCS-4202

i04147909

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	367-6796	6	TIRE & RIM GP						440
	365-4492	6	MOUNTING GP-RIM						
			(EACH INCLUDES)						
	2J-3506	27	NUT-FULL (3/4-10-THD)						
	5P-8248	27	WASHER-HARD (20X36.5X3.5-MM THK)						
Y-SEPARATE ILLUSTRATION									

<END>

POWER TRAIN

365-4869 TIRE & RIM GP

S/N: T4R1-UP

PART OF 367-9568 TIRE & RIM AR

SMCS-4202

i04279968

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	367-3091	1	RIM	GP-DEMOUNTABLE					429
	1K-8374	1	VALVE	GP (TIRE INFLATION)					
	2D-2507	1	SPUD						
	2D-2508	1	GROMMET						
	2D-2509	1	LOCKNUT	(11/16-16-THD)					
	3K-2316	1	VALVE	(TIRE INFLATION)					
	6F-3930	1	CORE-VALVE						
	6F-3931	1	CAP-VALVE	STEM					
	2D-2443	1	SEAL-O-RING						
	140-9548	1	TIRE	(29.5-R25)					
Y-SEPARATE ILLUSTRATION									
<END>									

365-4871 TIRE & RIM GP

S/N: T4R1-UP

PART OF 367-9572 TIRE & RIM AR

AN ATTACHMENT

SMCS-4202

i04279974

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	367-3091	1	RIM	GP-DEMOUNTABLE					429
	1K-8374	1	VALVE GP (TIRE INFLATION)						
	2D-2507	1	SPUD						
	2D-2508	1	GROMMET						
	2D-2509	1	LOCKNUT (11/16-16-THD)						
	3K-2316	1	VALVE (TIRE INFLATION)						
	6F-3930	1	CORE-VALVE						
	6F-3931	1	CAP-VALVE STEM						
	2D-2443	1	SEAL-O-RING						
	261-1486	1	TIRE (29.5-R25)						
Y-SEPARATE ILLUSTRATION									
<END>									

POWER TRAIN

365-4872 TIRE & RIM GP

S/N: T4R1-UP

PART OF 367-9570 TIRE & RIM AR
AN ATTACHMENT

SMCS-4202

i04280023

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	367-3091	1	RIM	GP-DEMOUNTABLE					429
	1K-8374	1	VALVE GP	(TIRE INFLATION)					
	2D-2507	1	SPUD						
	2D-2508	1	GROMMET						
	2D-2509	1	LOCKNUT	(11/16-16-THD)					
	3K-2316	1	VALVE	(TIRE INFLATION)					
	6F-3930	1	CORE-VALVE						
	6F-3931	1	CAP-VALVE	STEM					
	2D-2443	1	SEAL-O-RING						
	153-0068	1	TIRE	(29.5-R25)					
Y-SEPARATE ILLUSTRATION									

<END>

365-4873 TIRE & RIM GP

S/N: T4R1-UP

PART OF 367-9571 TIRE & RIM AR
AN ATTACHMENT

SMCS-4202

i04280062

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	367-3091	1	RIM	GP-DEMOUNTABLE					429
	1K-8374	1	VALVE	GP (TIRE INFLATION)					
	2D-2507	1	SPUD						
	2D-2508	1	GROMMET						
	2D-2509	1	LOCKNUT	(11/16-16-THD)					
	3K-2316	1	VALVE	(TIRE INFLATION)					
	6F-3930	1	CORE-VALVE						
	6F-3931	1	CAP-VALVE	STEM					
	2D-2443	1	SEAL-O-RING						
	194-1928	1	TIRE	(29.5-R25)					
Y-SEPARATE ILLUSTRATION									

<END>

POWER TRAIN

367-6795 TIRE & RIM GP

S/N: T4R1-UP

PART OF 367-9573 TIRE & RIM AR
AN ATTACHMENT

SMCS-4202

i04280092

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	367-3091	1	RIM	GP	DEMOUNTABLE				429
	1K-8374	1	VALVE	GP	(TIRE INFLATION)				
	2D-2507	1	SPUD						
	2D-2508	1	GROMMET						
	2D-2509	1	LOCKNUT	(11/16-16-THD)					
	3K-2316	1	VALVE	(TIRE INFLATION)					
	6F-3930	1	CORE-VALVE						
	6F-3931	1	CAP-VALVE	STEM					
	2D-2443	1	SEAL-O-RING						
	259-6245	1	TIRE	(29.5-R25)					
Y-SEPARATE ILLUSTRATION									

<END>

367-6796 TIRE & RIM GP

S/N: T4R1-UP

PART OF 367-9574 TIRE & RIM AR
AN ATTACHMENT

SMCS-4202

i04280095

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	367-3091	1	RIM	GP-DEMOUNTABLE					429
	1K-8374	1	VALVE GP	(TIRE INFLATION)					
	2D-2507	1	SPUD						
	2D-2508	1	GROMMET						
	2D-2509	1	LOCKNUT	(11/16-16-THD)					
	3K-2316	1	VALVE	(TIRE INFLATION)					
	6F-3930	1	CORE-VALVE						
	6F-3931	1	CAP-VALVE	STEM					
	2D-2443	1	SEAL-O-RING						
	289-0530	1	TIRE	(29.5-R25)					
Y-SEPARATE ILLUSTRATION									

<END>

POWER TRAIN

367-6797 TIRE & RIM GP

S/N: T4R1-UP

PART OF 367-9569 TIRE & RIM AR
AN ATTACHMENT

SMCS-4202

i04280143

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	367-3091	1	RIM	GP	-DEMOUNTABLE				429
	1K-8374	1	VALVE GP (TIRE INFLATION)						
	2D-2507	1	SPUD						
	2D-2508	1	GROMMET						
	2D-2509	1	LOCKNUT (11/16-16-THD)						
	3K-2316	1	VALVE (TIRE INFLATION)						
	6F-3930	1	CORE-VALVE						
	6F-3931	1	CAP-VALVE STEM						
	2D-2443	1	SEAL-O-RING						
	334-0965	1	TIRE (29.5-R25)						
Y-SEPARATE ILLUSTRATION									

<END>

POWER TRAIN

320-7253 TORQUE CONVERTER GP

S/N: T1N1-UP

PART OF 303-2298 TRANSMISSION AR

SMCS-3101

i04177111

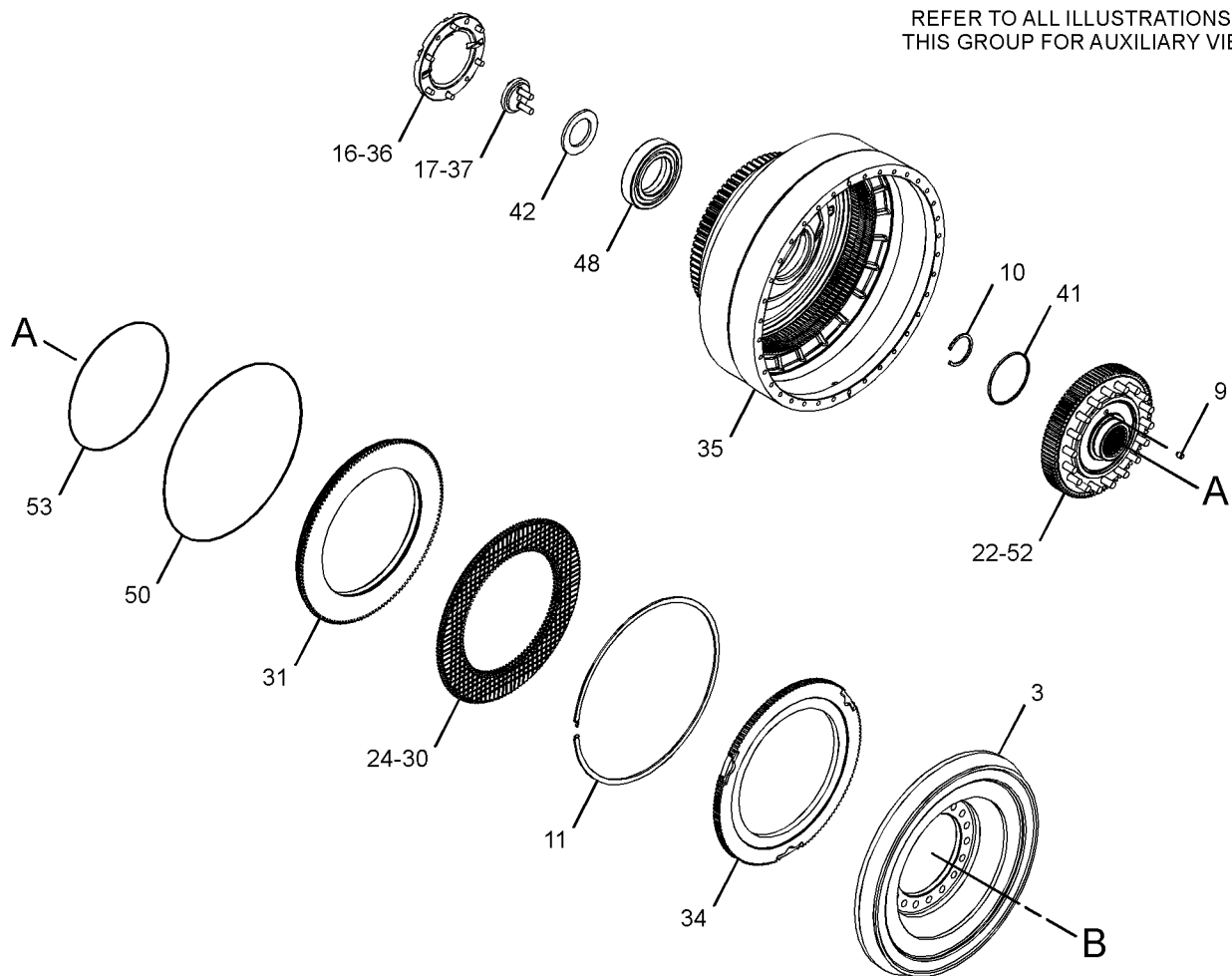
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	1T-0680	13	SPRING-FREEWHEEL	
	2	2	1T-0786	2	BEARING-THRUST	
	3	1	1T-0792	1	TURBINE-CONVERTER	
	4	2	1T-0794	1	RING-SEAL METAL	
	5	2	1T-0795	3	RING-RETAINING	
	6	2	1T-0804	1	RING-CLAMP	
	7	2	1T-0806	2	RETAINER-BEARING	
	8	2	1T-0807	2	RACE-THRUST BEARING	
	9	1	1T-0847	1	LOCK PIN	
	10	1	1T-0895	1	RING-RETAINING	
	11	1	1T-0896	1	RING-RETAINING	
	12	2	1T-1220	1	CARRIER-RING	
	13	2	1T-1221	1	CARRIER-RING	
	14	2	1T-1410	13	ROLLER-FREEWHEEL	
	15	2	1T-1423	1	CAM-FREEWHEEL	
	16	1	1T-1499	1	COVER	
	17	1	1T-1617	1	PLATE-RETAINER	
	18	2	1T-1659	1	SLEEVE AS	
		2	1T-1658	1	SLEEVE-WEAR	
		2	5S-4441	1	DOWEL	
	19	2	1T-1910	2	PLATE	
	20	2	9W-3136	1	RING-RETAINING	
	21	2	9W-6990	1	RING-SEAL	
	22	1	192-0876	1	HUB	
	23	2	233-7564	1	STATOR-CONVERTER	
	24	1	315-4128	2	DISC-FRICTION	
	25	2	320-7247	1	CARRIER AS	
		2	173-3993	1	PLUG AS	
		2	4J-7533	1	SEAL-O-RING	
		2	9S-8001	1	PLUG-O-RING	
	26	2	320-7250	1	CARRIER AS	
	26A	2	192-0877	1	BUSHING	
	27	2	320-7251	1	HUB-IMPELLER	
	28	2	320-7252	1	GEAR-PUMP DRIVE (69-TEETH)	
	29	2	320-7255	1	ROTOR-SENSOR	
	30	1	323-2945	1	PLATE-CLUTCH	
	31	1	323-2946	1	PISTON-LOCKUP CLUTCH	
	32	2	352-0387	1	SHAFT-INPUT	
	33	2	353-1609	1	IMPELLER-CONVERTER	
	34	1	360-5943	1	PLATE-CLUTCH BACKING	
	35	1	360-5945	1	HOUSING AS	
		1	1T-0936	1	PLUG-PIPE	
	36	1	0L-1351	6	BOLT (3/8-16X0.875-IN)	
	37	1	0T-0768	2	BOLT (7/16-14X1.75-IN)	
	38	2	1L-7205	1	BALL BEARING	
	39	2	1N-8620	1	RING-RETAINING	
	40	2	1T-0897	2	RING-RETAINING	
	41	1	1T-1356	1	RING-SEAL	
	42	1	1T-1616	1	WASHER-SPRING (54.9X86.4X6.1-MM)	
	43	2	3B-1915	36	BOLT (3/8-16X1.375-IN)	
	44	2	3P-2573	1	RACE-BEARING INNER	
	45	2	3P-2574	1	RACE & ROLLER AS	
	46	2	5F-3999	1	SEAL-O-RING	
	47	2	5P-5855	8	BOLT-12 POINT HEAD (1/2-13X1.75-IN)	
	48	1	6V-9191	1	BALL BEARING	
	49	2	6Y-5888	2	RING-SEAL	

POWER TRAIN

320-7253 TORQUE CONVERTER GP (contd.)

i04177111

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	50	1	7G-0141	1	RING-SEAL						
	51	2	7X-0575	36	WASHER-HARD (10.2X22.5X5-MM THK)						
	52	1	8M-2530	18	BOLT-12 POINT HEAD (1/2-13X1.25-IN)						
	53	1	8S-3371	1	RING-SEAL						
	54	2	9X-6574	1	RING-RETAINING						



GRAPHIC #1

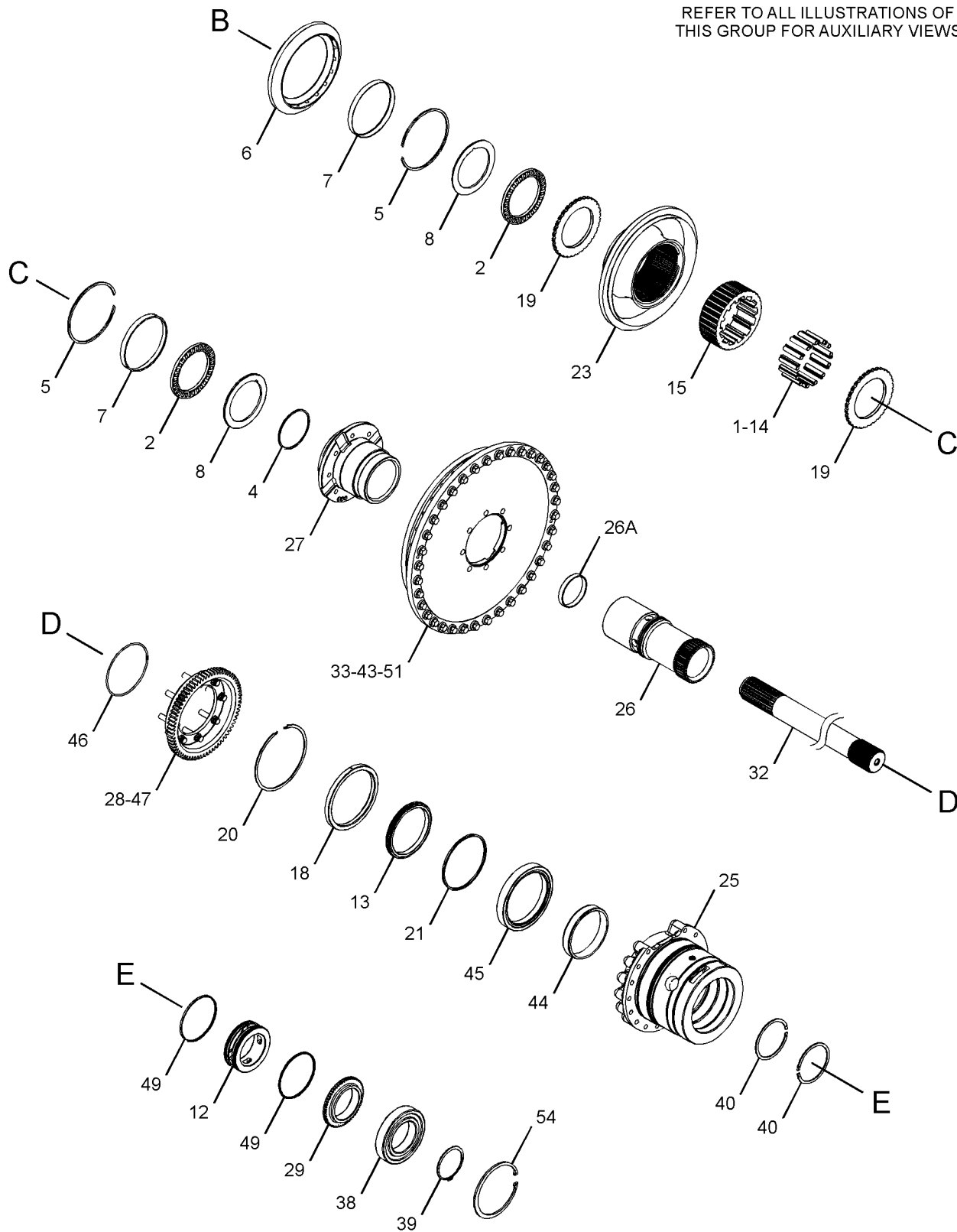
g02398662

POWER TRAIN

320-7253 TORQUE CONVERTER GP (contd.)

i04177111

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



GRAPHIC #2

<END>

g02428249

POWER TRAIN

303-2298 TRANSMISSION AR

S/N: K2S1-UP

PART OF 291-8722 POWER TRAIN AR

SMCS-3030

i04280162

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	307-3848	1	CASE	GP	-	TRANSMISSION			364
Y	303-2295	1	CONTROL	GP	-	TRANSMISSION	HYD		370
Y	308-8124	1	COVER	GP	-	SHIPPING			777
Y	307-3856	1	HOUSING	GP	-	TORQUE	CONVERTER		399
Y	303-9467	1	PLANETARY	GP	-	TRANSMISSION			416
Y	358-6791	1	PUMP	GP	-	GEAR	(TRANSMISSION)		428
Y	320-7253	1	TORQUE	CONVERTER	GP				442
Y	308-8122	1	WIRING	GP	-	TRANSMISSION			346
Y-SEPARATE ILLUSTRATION									

<END>

POWER TRAIN

184-6766 UNIVERSAL JOINT GP-CENTER, FRONT

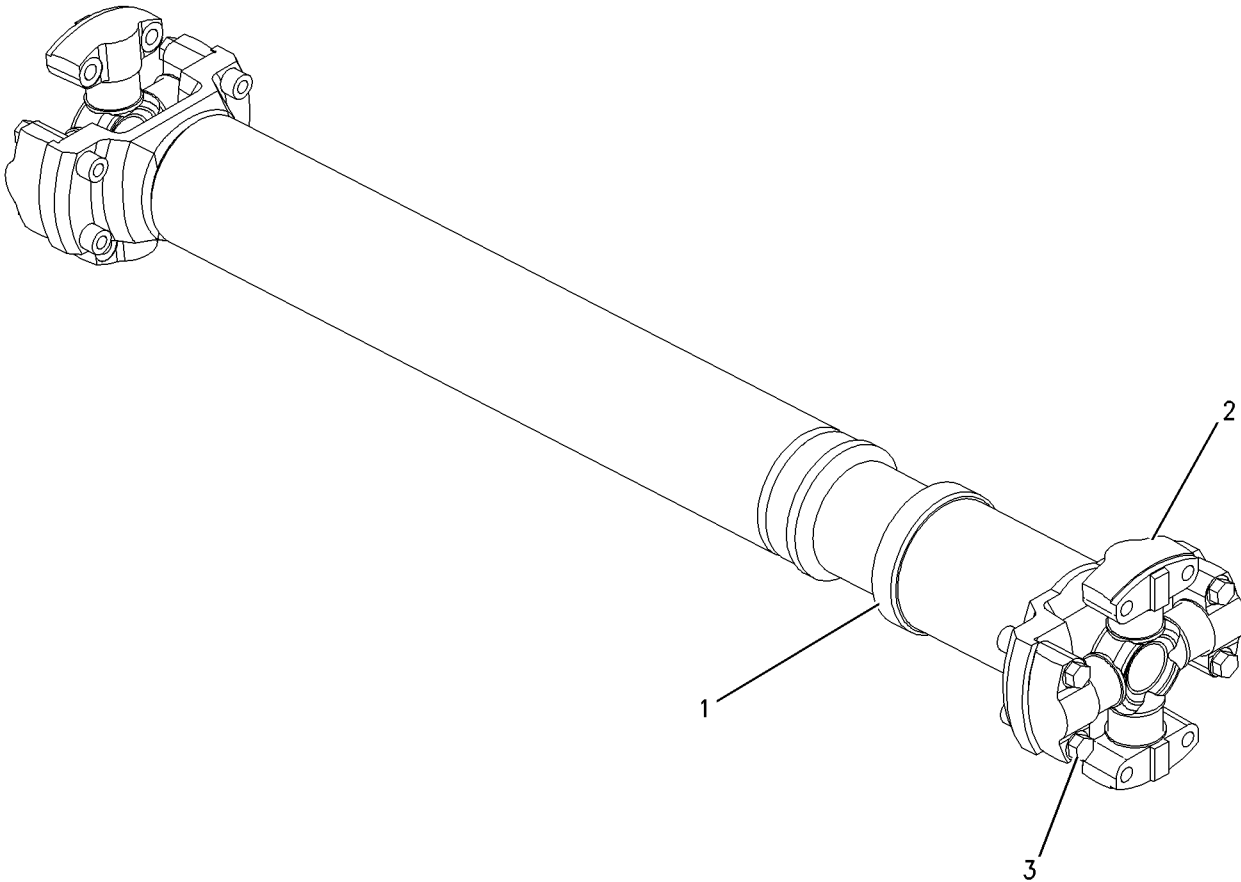
S/N: T4R1-UP

PART OF 152-7028 SHAFT GP-REAR DRIVE

SMCS-3251, 3253

i02261942

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	172-7638	1	SEAL						
	2	1	173-0889	2	SPIDER & BEARING AS						
	3	1	0S-1599	8	BOLT (1/2-20X2.75-IN)						



GRAPHIC #1

<END>

g00765533

POWER TRAIN

184-6767 UNIVERSAL JOINT GP-REAR

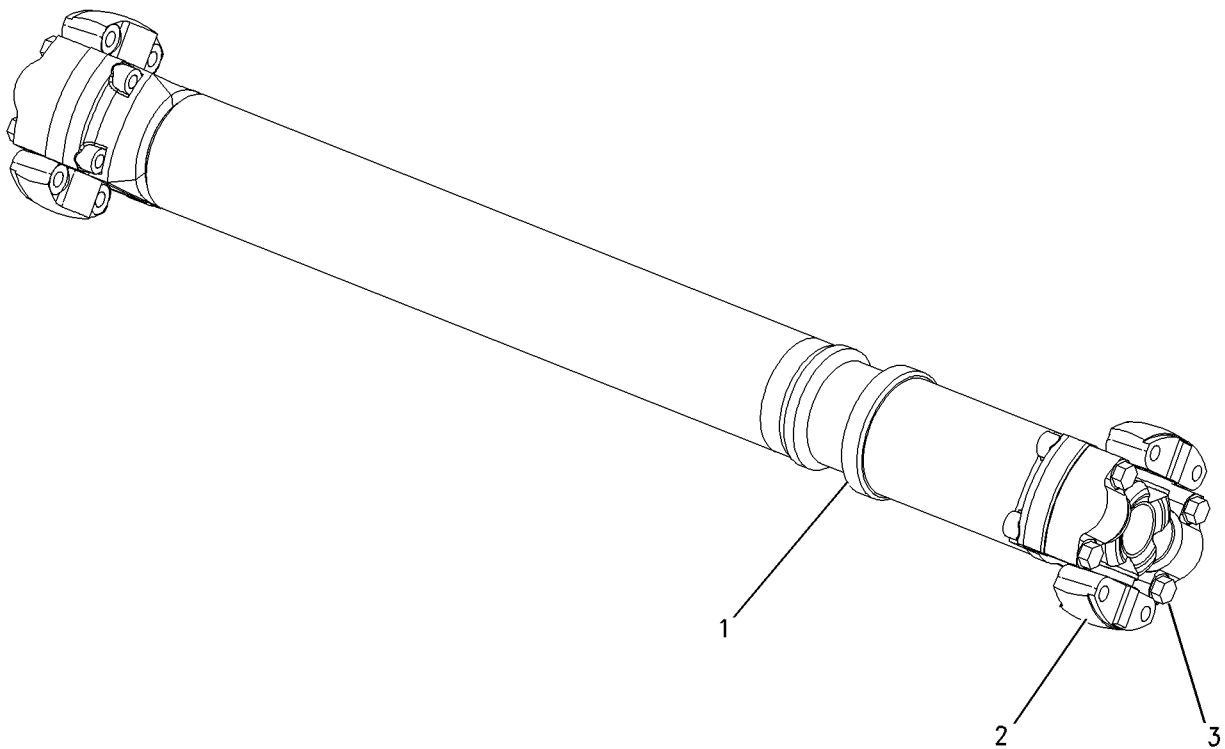
S/N: T4R1-UP

PART OF 152-7028 SHAFT GP-REAR DRIVE

SMCS-3251, 3253

i02261943

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2U-6747	1	SEAL						
	2	1	172-0871	2	SPIDER & BEARING AS						
	3	1	0S-1599	8	BOLT (1/2-20X2.75-IN)						



GRAPHIC #1

<END>

g01005811

POWER TRAIN

188-0867 UNIVERSAL JOINT GP-HITCH DRIVE

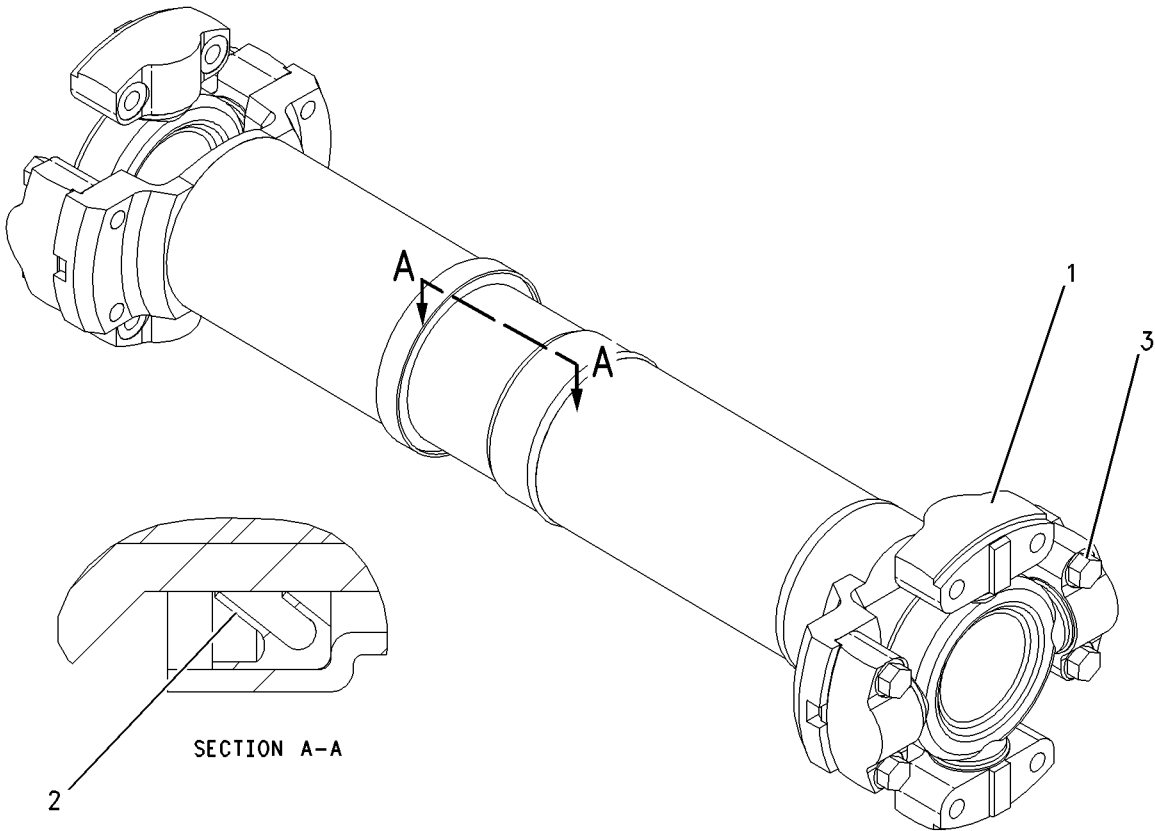
S/N: T4R1-UP

PART OF 152-7027 SHAFT GP-HITCH DRIVE

SMCS-3251, 3253

i02261950

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	173-0889	2	SPIDER & BEARING AS						
	2	1	172-7638	1	SEAL						
	3	1	0S-1604	8	BOLT (1/2-20X2.5-IN)						



GRAPHIC #1

<END>

g00867704

POWER TRAIN

244-3114 VALVE GP-MODULATING-TRANSMISSION CONTROL

S/N: K2S1-UP

24-VOLT

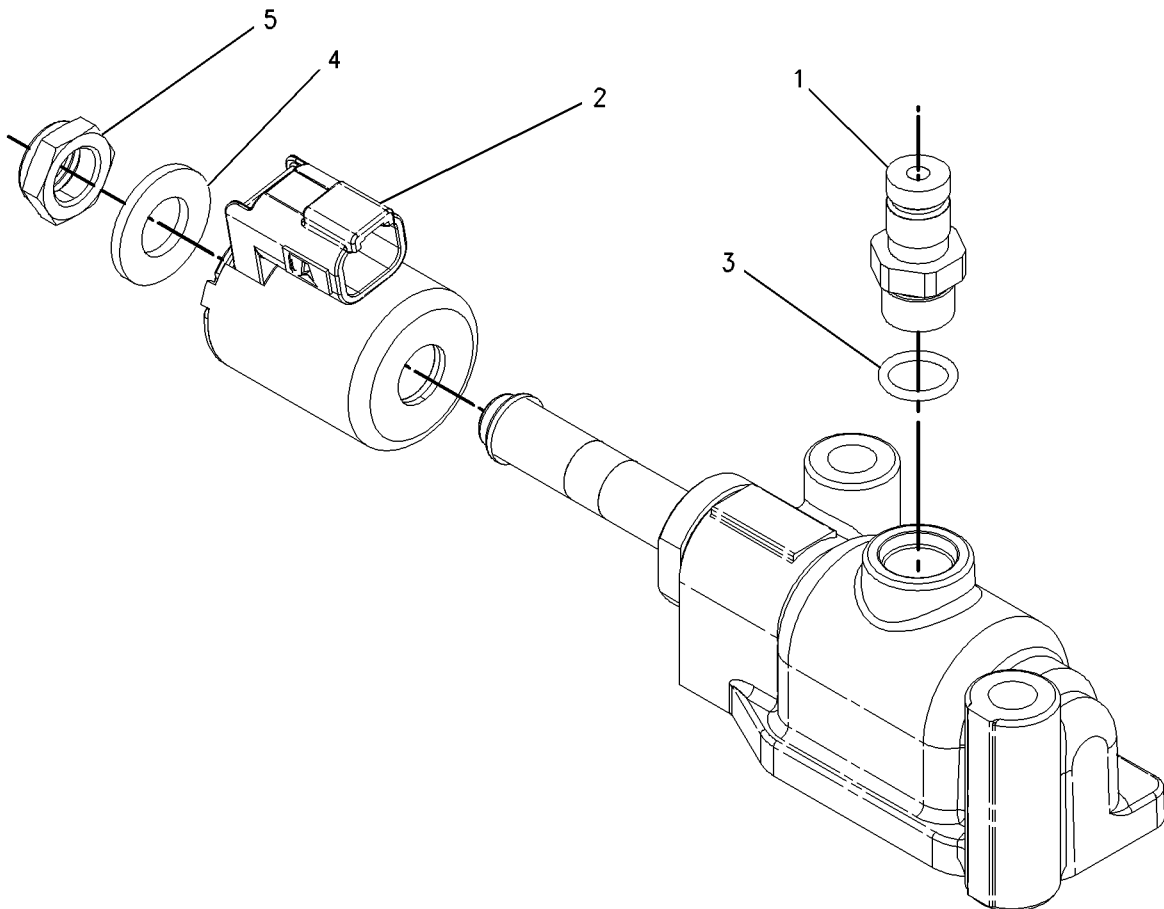
PART OF 303-2295 CONTROL GP-TRANSMISSION HYD

SMCS-3139

i03435880

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6V-3965	1	FITTING (QUICK DISCONNECT)						
	2	1	323-9531	1	COIL AS (24-VOLT)						
	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

249-7070 VALVE GP-RELIEF-TRANSMISSION LUBRICATION

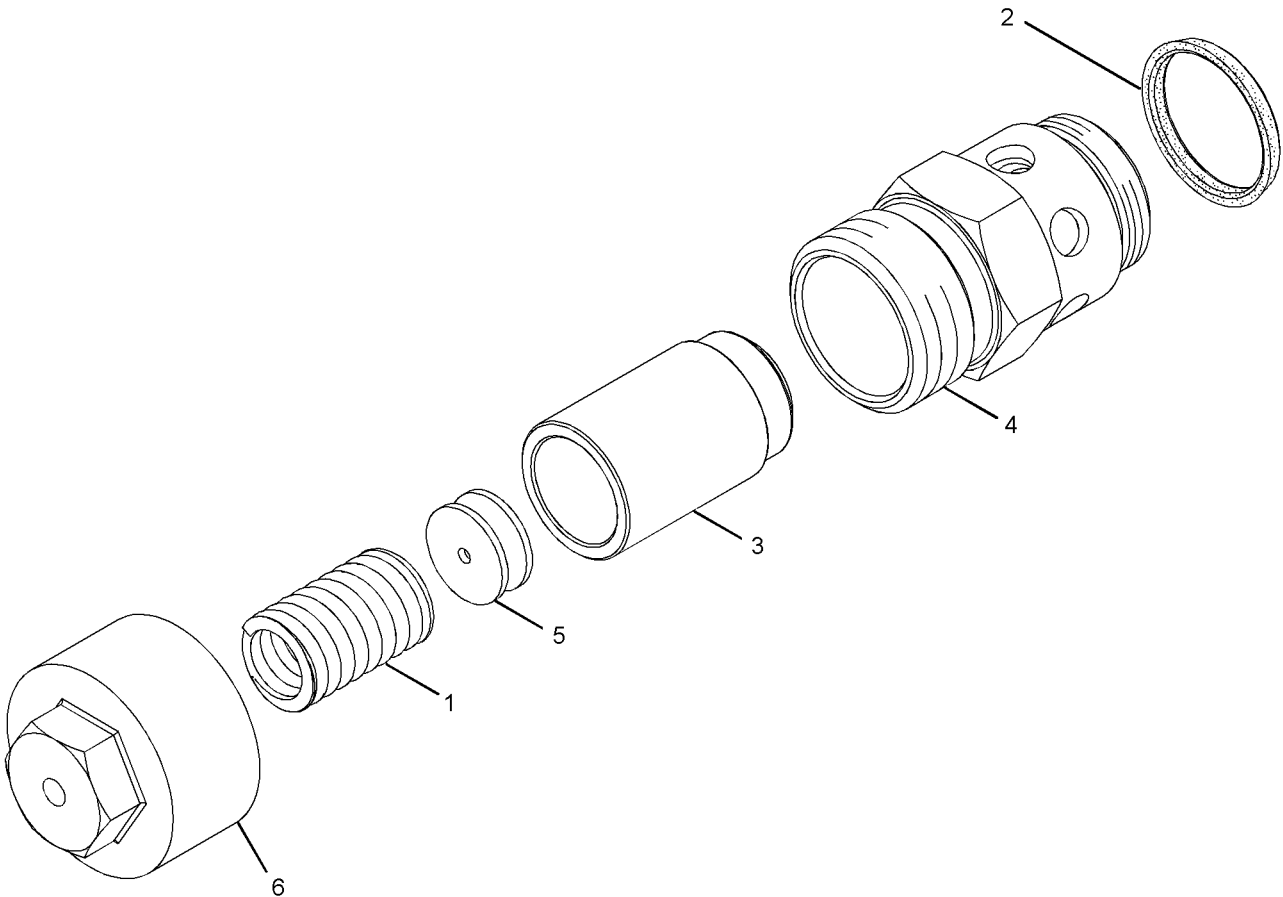
S/N: K2S1-UP

PART OF 303-2295 CONTROL GP-TRANSMISSION HYD

SMCS-3133, 3182, 3210, 3213

i04282709

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3T-9920	1	SPRING						
	2	1	7M-8485	1	SEAL-O-RING						
	3	1	9P-0673	1	VALVE-RELIEF						
	4	1	9P-0674	1	BODY						
	5	1	145-0107	2	SPACER (3.18X20.62X1.6-MM THK)						
	6	1	150-4732	1	CAP						



GRAPHIC #1

<END>

g01250730

POWER TRAIN

359-0964 VALVE GP-RELIEF-TRANSMISSION LUBRICATION

S/N: K2S1-UP

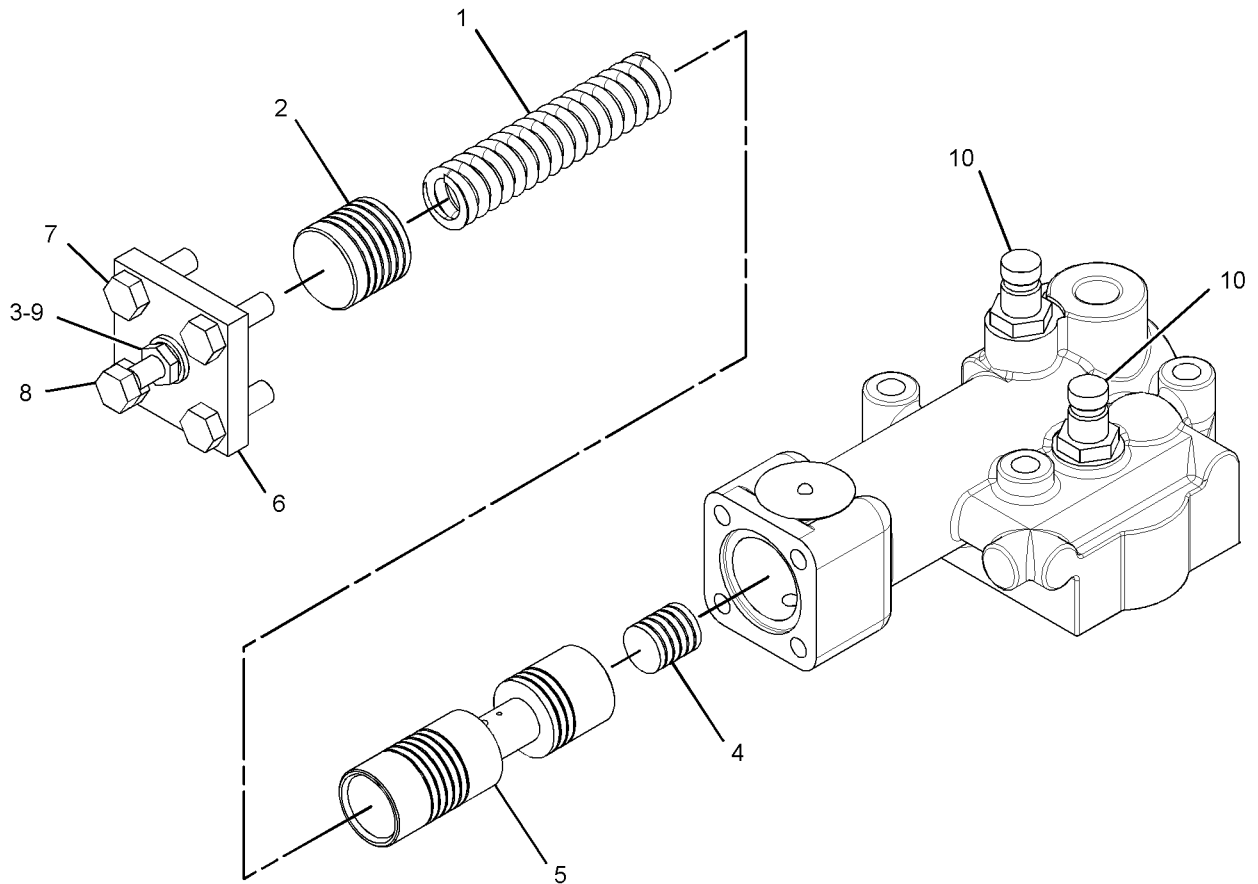
PART OF 303-2295 CONTROL GP-TRANSMISSION HYD

SMCS-3133, 3182, 3210, 3213

i04177109

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1M-9351	1	SPRING						
	2	1	2S-5835	1	PISTON-LOAD						
	3	1	4F-2294	1	NUT-JAM (5/16-24-THD)						
	4	1	8E-1143	1	SLUG						
	5	1	9U-8668	1	SPOOL AS						
		1	3D-8317	1	RING-RETAINING						
		1	4B-9880	1	BALL						
		1	4M-2381	1	SPRING						
		1	9U-8669	1	RETAINER						
	6	1	202-2005	1	COVER						
M	7	1	6V-3940	4	BOLT (M8X1.25X25-MM)						
	8	1	355-2381	1	SCREW-ADJUSTING						
	9	1	9M-1974	1	WASHER-HARD (8.8X16X2-MM THK)						
	10	1	164-5567	2	COUPLER AS-QUICK DISCONNECT (MALE)						
					(EACH INCLUDES)						
		1	6V-3965	1	FITTING (QUICK DISCONNECT)						
		1	214-7568	1	SEAL-O-RING						

M-METRIC PART



GRAPHIC #1

<END>

g02393457

POWER TRAIN

308-1267 VALVE GP-SOLENOID- INTERAXLE DIFFERENTIAL CLUTCH

S/N: A5M1-UP

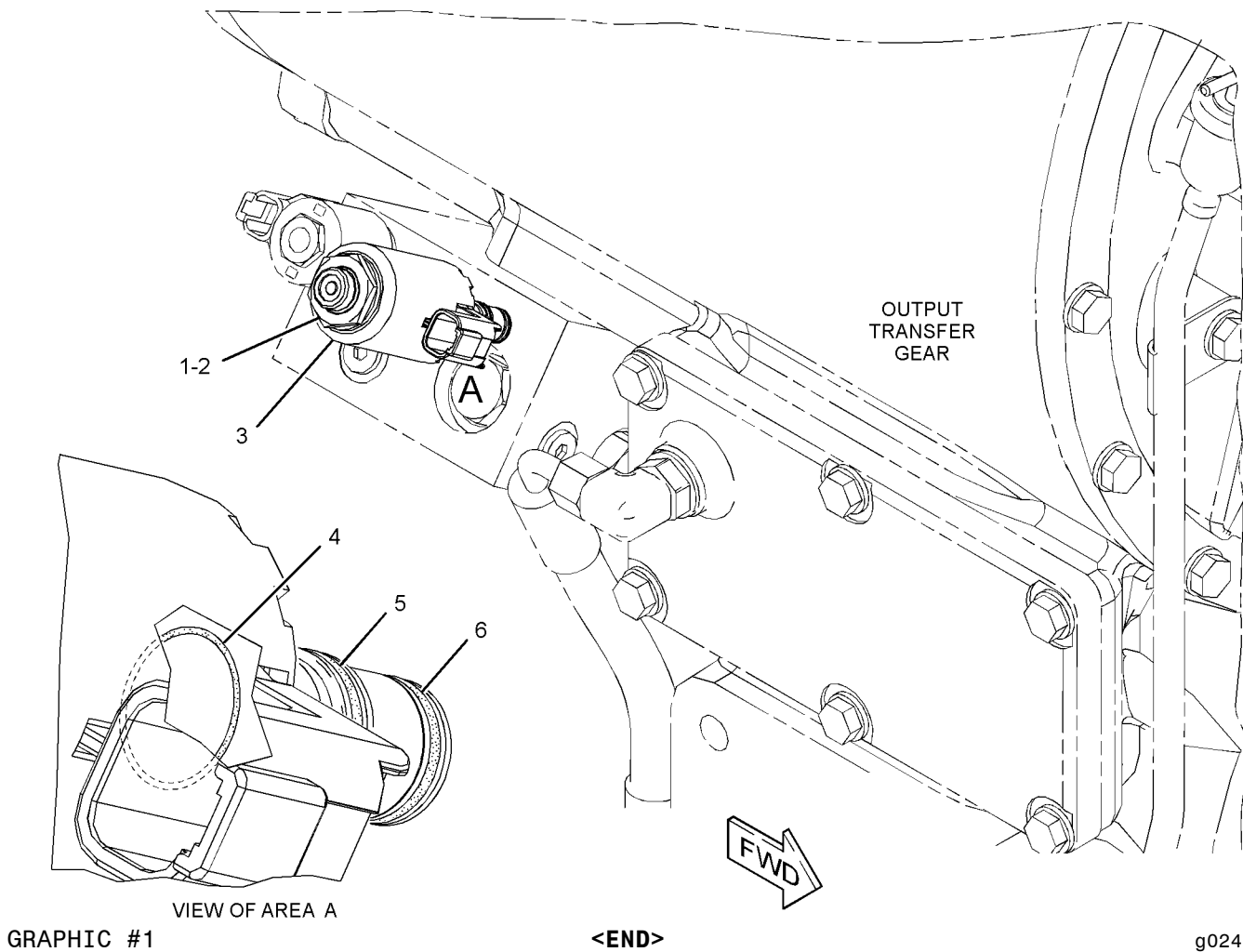
24-VOLT

PART OF 344-9006 VALVE GP-SOLENOID & RELIEF

SMCS-5479

i04171529

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	191-9247	1	WASHER (19.15X31.65X2.36-MM THK)						
	2	1	198-2914	1	NUT (3/4-32-THD)						
	3	1	312-8629	1	COIL AS (24-VOLT)						
	4	1	3K-0360	1	SEAL-O-RING						
	5	1	4K-2039	1	SEAL-O-RING						
	6	1	6M-5062	1	SEAL-O-RING						



POWER TRAIN

356-8336 VALVE GP-SOLENOID-DIFFERENTIAL LOCK

S/N: T4R1-UP

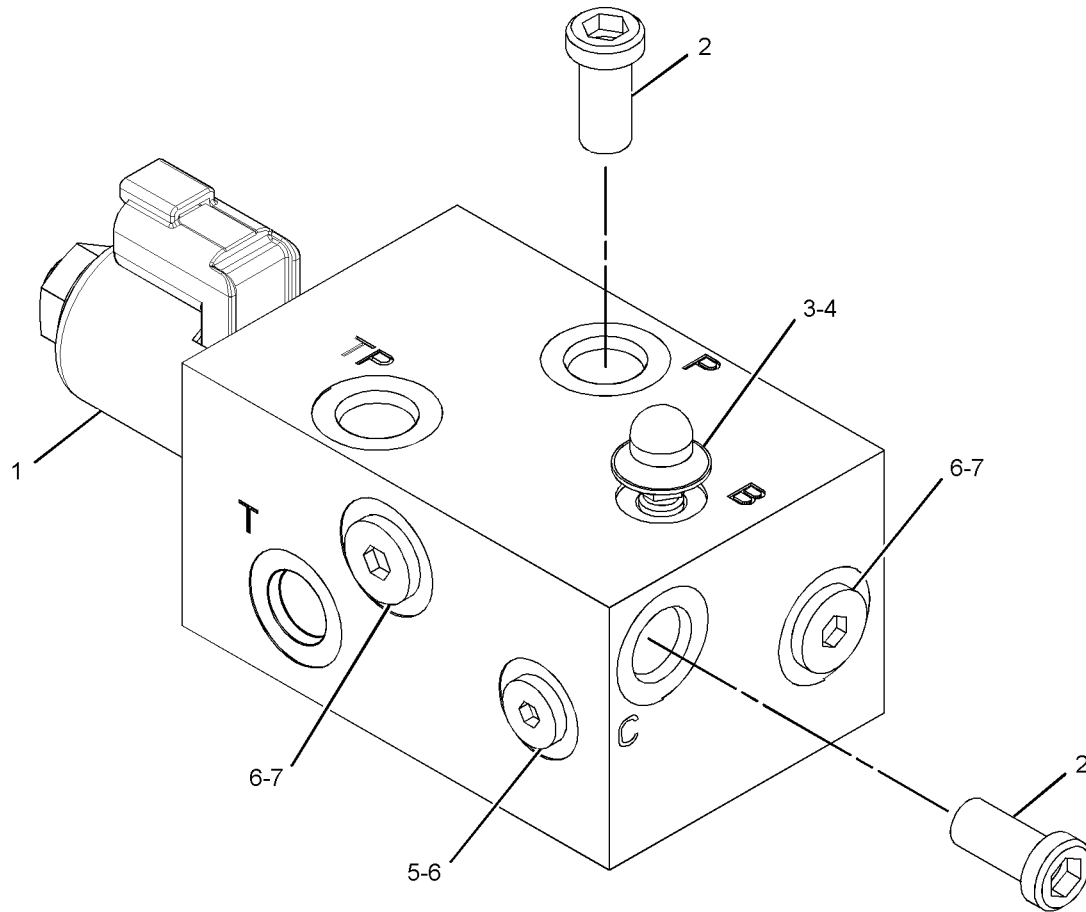
24-VOLT

PART OF 357-9966, 357-9967 CONTROL GP-DIFFERENTIAL LOCK

SMCS-5479

i04169659

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	252-6322	1	VALVE GP-SOLENOID (DIFFERENTIAL LOCK)						
		1	323-9531	1	COIL AS (24-VOLT)						
		1	164-2108	1	WASHER (13.03X25.4X2.38-MM THK)						
		1	218-2373	1	NUT (1/2-28-THD)						
	2	1	6E-5066	2	SCREEN (HYDRAULIC)						
	3	1	9F-2167	1	SCREW-PURGE (3/8-24X1.164-IN)						
	4	1	108-8393	1	CAP (NIPPLE)						
	5	1	9S-8004	1	PLUG-O-RING						
	6	1	3J-1907	3	SEAL-O-RING						
	7	1	9S-4191	2	PLUG-O-RING						



GRAPHIC #1

<END>

g02371779

POWER TRAIN

344-9006 VALVE GP-SOLENOID & RELIEF-TRACTION CONTROL

S/N: A5M1-UP

TRACTION CONTROL

PART OF 335-1789 GEAR GP-OUTPUT TRANSFER

SMCS-5571

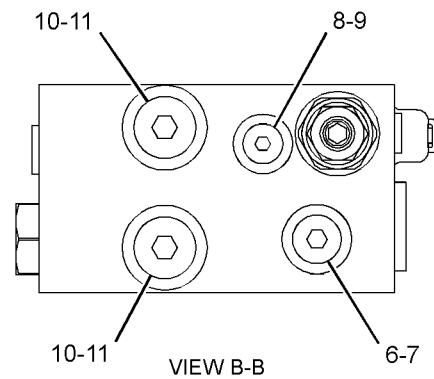
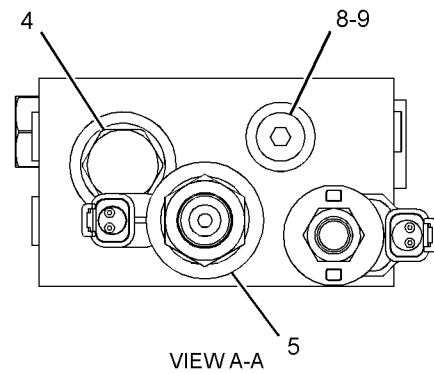
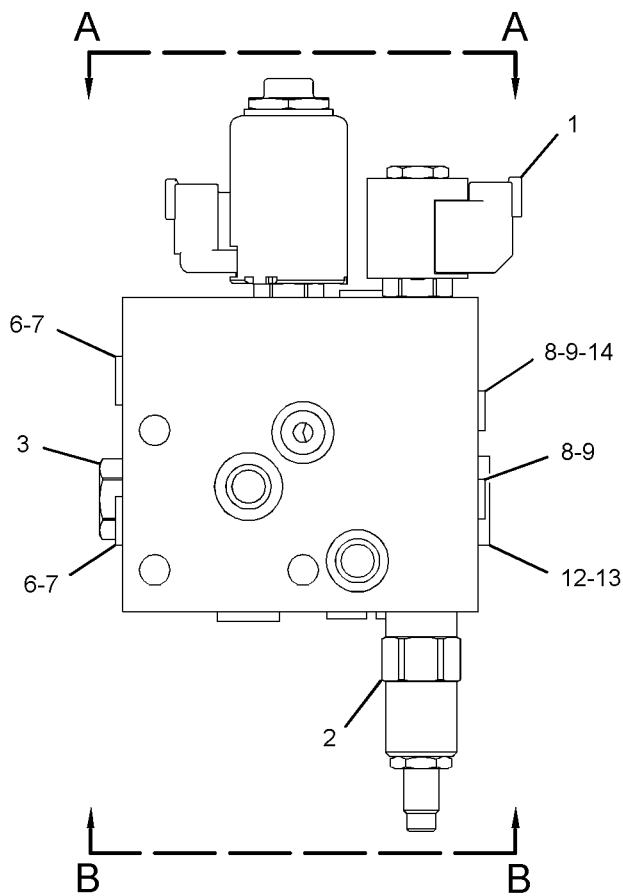
i04171557

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	277-8863	1	VALVE GP-SOLENOID (24-VOLT) (TRACTION CONTROL SYSTEM)						
		1	250-6148	1	COIL AS (24-VOLT)						
N	2	1	356-5145	1	VALVE GP-RELIEF (TRACTION CONTROL SYSTEM)						
J	3	1	148-9361	1	VALVE GP-DIVERTER (TRACTION CONTROL ACCUM PRESS)						
	4	1	134-9911	1	VALVE-CHECK (TRACTION CONTROL ACCUM PRESS)						
Y	5	1	308-1267	1	VALVE GP-SOLENOID (24-VOLT) (INTERAXLE DIFFERENTIAL CLUTCH)						452
	6	1	9S-8002	3	PLUG-O-RING						
	7	1	3J-7354	3	SEAL-O-RING						
	8	1	9S-8004	4	PLUG-O-RING						
	9	1	3J-1907	4	SEAL-O-RING						
	10	1	9S-8005	2	PLUG-O-RING						
	11	1	3K-0360	2	SEAL-O-RING						
	12	1	9S-8008	1	PLUG-O-RING						
	13	1	3D-2824	1	SEAL-O-RING						
	14	1	358-7031	1	PLUG-ORIFICE						
AVAILABLE REPAIR KIT(S):											
J			120-8514	1	KIT-SEAL						
N			333-9152	1	KIT-SEAL						
(INLCUDES O-RINGS & BACKUP RINGS)											
J-KIT MARKED J SERVICES PART MARJED J N-KIT MARKED N SERVICES PART MARKED N Y-SEPARATE ILLUSTRATION											

POWER TRAIN

344-9006 VALVE GP-SOLEN0ID & RELIEF (contd.)

i04171557



GRAPHIC #1

<END>

g02404162

POWER TRAIN

325-4665 WHEEL GP-FINAL DRIVE & BRAKE

S/N: T4R1-UP

PART OF 348-4792 AXLE GP-REAR

SMCS-4008

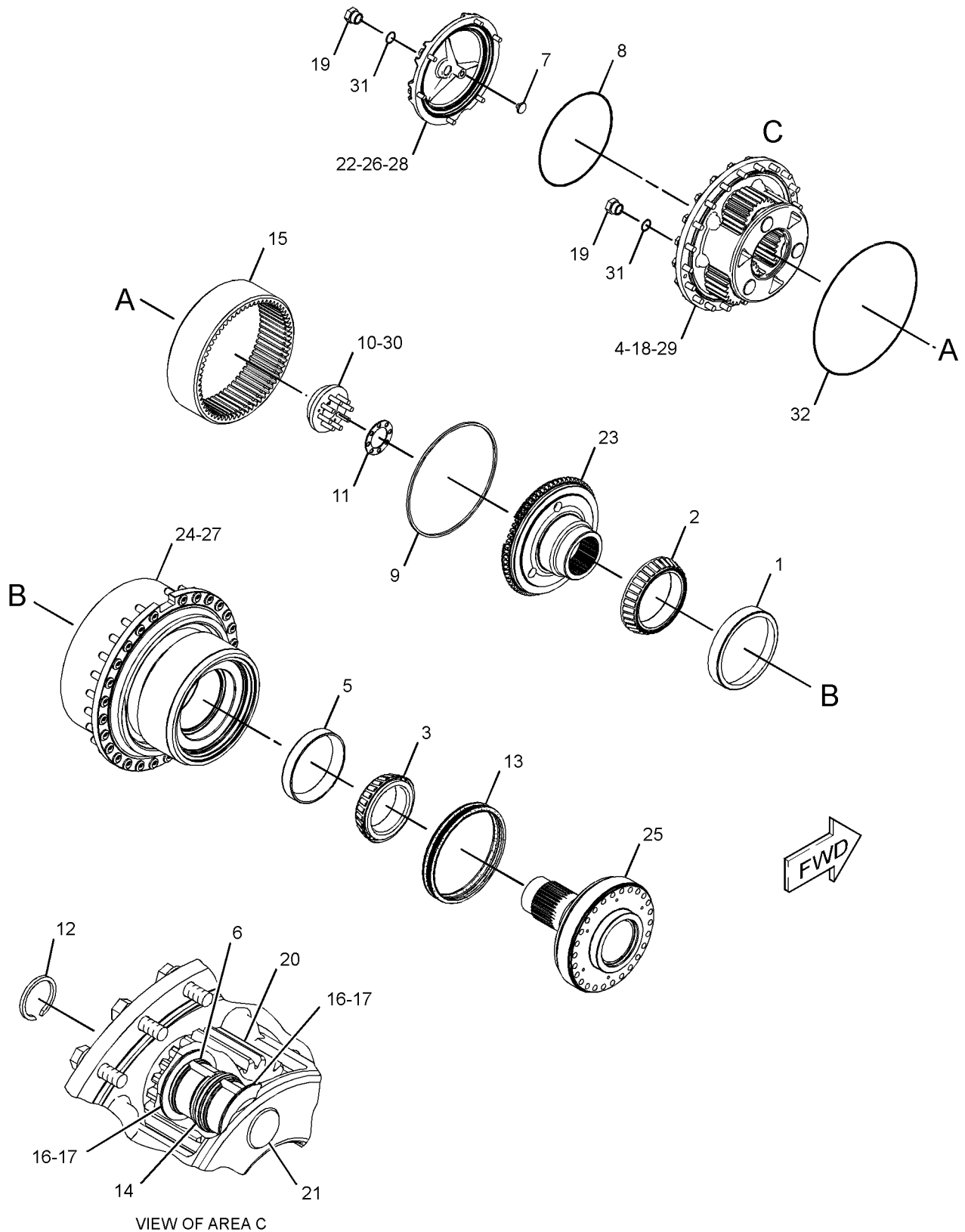
i04180669

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2P-1823	1	CUP-BEARING (TAPERED ROLLER)						
	2	1	2P-1824	1	CONE-BEARING (TAPERED ROLLER)						
	3	1	9M-2744	1	CONE-BEARING (TAPERED ROLLER)						
	4	1	1A-1135	20	BOLT (5/8-11X2-IN)						
	5	1	1M-6573	1	CUP-BEARING (TAPERED ROLLER)						
	6	1	1P-3958	6	ROLLER AS-SPECIAL						
	7	1	2D-0604	1	BUTTON						
	8	1	2R-0239	1	SEAL-O-RING						
	9	1	2V-5656	1	RING-SNAP						
	10	1	2V-7092	1	PLATE-RETAINER						
	11	1	2V-7390	1	SHIM PACK (INCLUDES 15-SHIMS)						
	12	1	2V-7398	3	RING-RETAINING						
	13	1	9G-5319	1	SEAL GP-DUO-CONE						
		1	4M-0660	2	RING-SEALING						
	14	1	4V-4500	3	SPACER (51X66X5-MM THK)						
	15	1	4V-4504	1	GEAR-RING (65-TEETH)						
	16	1	4V-5233	6	WASHER-THRUST (48X80X1.6-MM THK)						
	17	1	4V-5234	6	WASHER-THRUST (48X80X1.52-MM THK)						
	18	1	4V-5237	1	CARRIER-PLANETARY						
	19	1	5P-4484	2	PLUG-MAGNETIC (FINAL DRIVE OIL DRAIN)						
	20	1	147-1206	3	GEAR (23-TEETH)						
	21	1	190-3593	3	SHAFT-PLANETARY						
	22	1	301-2806	1	COVER						
	23	1	317-1300	1	HUB AS						
		1	2V-5715	1	BUSHING-TERMINAL						
	24	1	367-0059	1	WHEEL						
	25	1	325-4667	1	SPINDLE						
	26	1	0S-1587	6	BOLT (1/2-13X1.75-IN)						
	27	1	321-7848	27	STUD-WHEEL						
	28	1	5P-8245	6	WASHER-HARD (13.5X25.5X3-MM THK)						
	29	1	5P-8247	20	WASHER-HARD (17X32X3.5-MM THK)						
	30	1	7K-6058	8	BOLT-12 POINT HEAD (1/2-13X2.5-IN)						
	31	1	7M-8485	2	SEAL-O-RING						
	32	1	8D-2714	1	SEAL-O-RING						

POWER TRAIN

325-4665 WHEEL GP-FINAL DRIVE & BRAKE (contd.)

i04180669



GRAPHIC #1

<END>

g01825209

POWER TRAIN

371-0565 WHEEL GP-FINAL DRIVE & BRAKE

S/N: T4R1-UP

PART OF 325-7004 AXLE GP-CENTER, 325-7003 AXLE GP-FRONT

SMCS-4008

i04201169

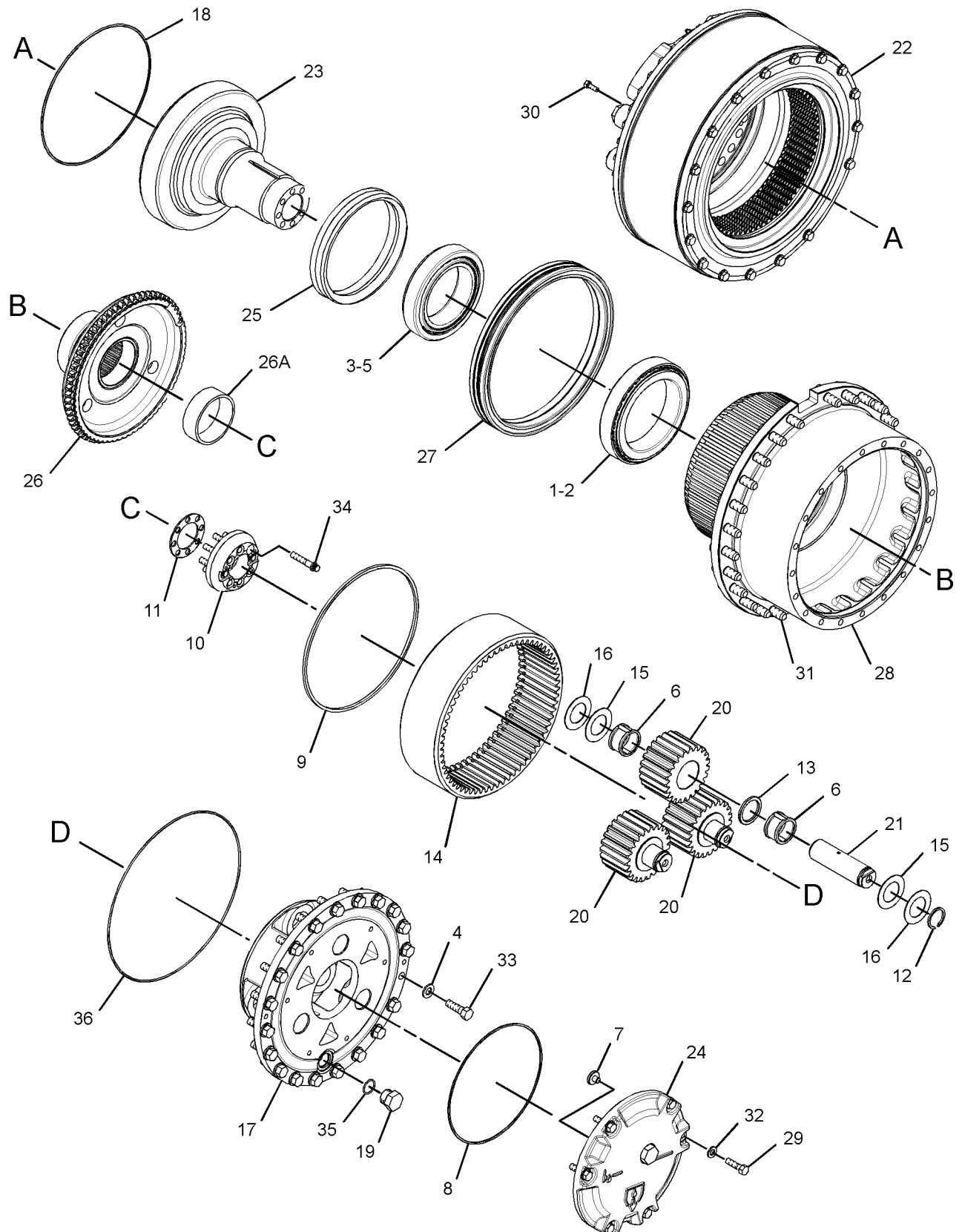
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	2P-1823	1	CUP-BEARING (TAPERED ROLLER)	
	2	1	2P-1824	1	CONE-BEARING (TAPERED ROLLER)	
	3	1	9M-2744	1	CONE-BEARING (TAPERED ROLLER)	
	4	1	1A-1135	20	BOLT (5/8-11X2-IN)	
	5	1	1M-6573	1	CUP-BEARING (TAPERED ROLLER)	
	6	1	1P-3958	6	ROLLER AS-SPECIAL	
	7	1	2D-0604	1	BUTTON	
	8	1	2R-0239	1	SEAL-O-RING	
	9	1	2V-5656	1	RING-SNAP	
	10	1	2V-7092	1	PLATE-RETAINER	
	11	1	2V-7390	1	SHIM PACK (INCLUDES 15-SHIMS)	
	12	1	2V-7398	3	RING-RETAINING	
	13	1	4V-4500	3	SPACER (51X66X5-MM THK)	
	14	1	4V-4504	1	GEAR-RING (65-TEETH)	
	15	1	4V-5233	6	WASHER-THRUST (48X80X1.6-MM THK)	
	16	1	4V-5234	6	WASHER-THRUST (48X80X1.52-MM THK)	
	17	1	4V-5237	1	CARRIER-PLANETARY	
	18	1	5P-2861	1	SEAL-O-RING	
	19	1	5P-4484	2	PLUG-MAGNETIC (FINAL DRIVE OIL DRAIN)	
	20	1	147-1206	3	GEAR (23-TEETH)	
	21	1	190-3593	3	SHAFT-PLANETARY	
Y	22	1	217-6309	1	BRAKE GP-SERVICE	550
	23	1	218-8117	1	SPINDLE	
	24	1	301-2806	1	COVER	
	25	1	309-7664	1	SEAL GP-DUO-CONE	
		1	5P-1606	2	RING-TORIC	
	26	1	317-1300	1	HUB AS	
	26A	1	2V-5715	1	BUSHING-TERMINAL	
Y	27	1	363-4457	1	KIT-SEAL (HEAVY-DUTY DUAL FACE SEAL)	402
	28	1	367-0058	1	WHEEL	
	29	1	0S-1587	6	BOLT (1/2-13X1.75-IN)	
	30	1	0S-1594	6	BOLT (3/8-16X1-IN)	
	31	1	321-7848	27	STUD-WHEEL	
	32	1	5P-8245	6	WASHER-HARD (13.5X25.5X3-MM THK)	
	33	1	5P-8247	20	WASHER-HARD (17X32X3.5-MM THK)	
	34	1	7K-6058	8	BOLT-12 POINT HEAD (1/2-13X2.5-IN)	
	35	1	7M-8485	2	SEAL-O-RING	
	36	1	8D-2714	1	SEAL-O-RING	

Y-SEPARATE ILLUSTRATION

POWER TRAIN

371-0565 WHEEL GP-FINAL DRIVE & BRAKE (contd.)

i04201169



GRAPHIC #1

<END>

g02404796

FRAME AND BODY

291-9037 BAFFLE GP-RADIATOR

S/N: T4R1-UP

PART OF 332-3066 RADIATOR AR

SMCS-1353, 1806

i04177118

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	362-4577	1	BRACKET						
	2	1	362-4583	1	BAFFLE (TOP)						
	3	1	362-4584	1	BAFFLE (RH)						
	4	1	363-6939	1	GUARD						
	5	1	365-4218	1	BAFFLE AS						
M	6	1	5C-7261	4	NUT (M8X1.25-THD)						
	7	1	5P-4116	21	WASHER-HARD (8.8X20.5X2-MM THK)						
	8	1	7X-7729	2	WASHER (11X25X3-MM THK)						
M	9	1	8T-4189	17	BOLT (M8X1.25X20-MM)						
M	10	1	8T-4195	2	BOLT (M10X1.5X30-MM)						
N	11	1	136-7728		SEAL-COMPOSITE (9.8-DM)						
N	11A	1	136-7728		SEAL-COMPOSITE (2.1-DM)						
N	11B	1	136-7728		SEAL-COMPOSITE (10.8-DM)						

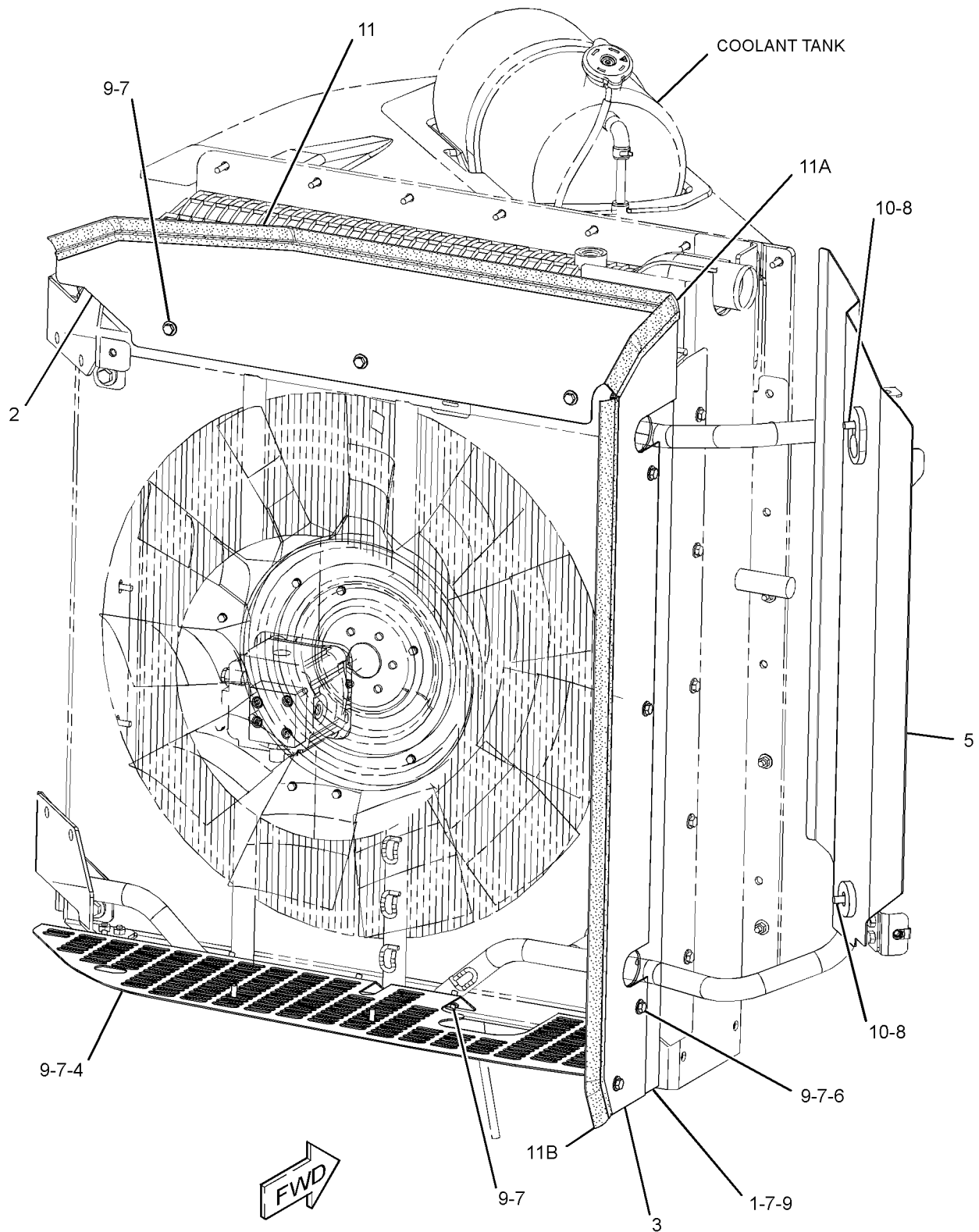
M-METRIC PART

N-ORDER BY THE DECIMETER

FRAME AND BODY

291-9037 BAFFLE GP-RADIATOR (contd.)

i04177118



GRAPHIC #1

<END>

g02396027

FRAME AND BODY

141-6863 BODY GP-TRUCK

S/N: T4R1-UP

PART OF 330-9006 CHASSIS AR

SMCS-7250, 7258

i03848329

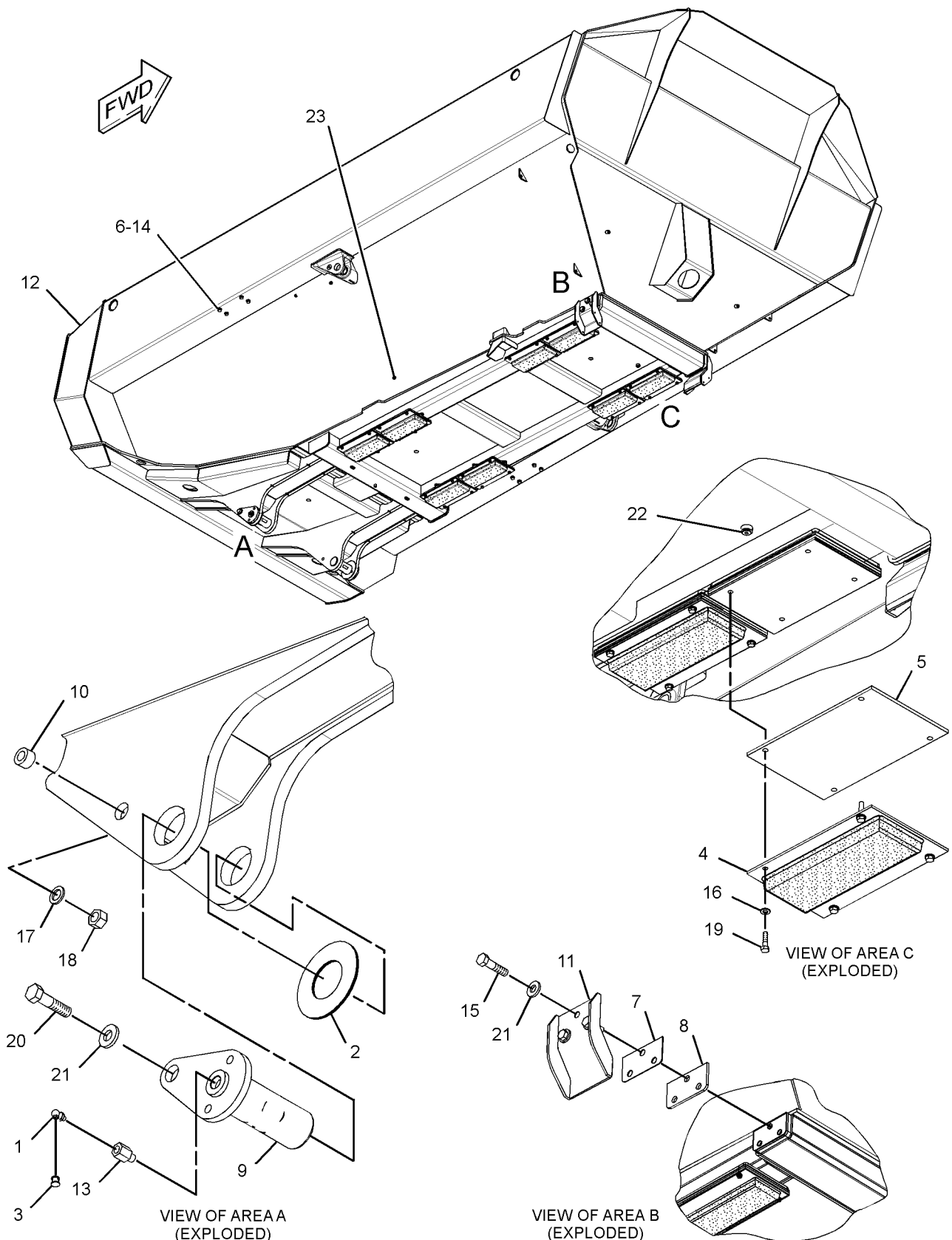
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5B-5150	2	FITTING-GREASE						
B	2	1	5U-0297	6	SHIM (1.6-MM THK)						
	3	1	5U-7151	2	CAP-GREASE						
	4	1	140-8227	8	BUFFER-RUBBER						
B	5	1	142-0534	8	SHIM (3-MM THK)						
B	6	1	9X-8257	8	WASHER (17.5X30X3.5-MM THK)						
B	7	1	142-0536	4	SHIM (3-MM THK)						
B	8	1	142-0537	2	SHIM (8-MM THK)						
	9	1	142-1227	2	PIN AS-DUMP BODY						
	10	1	144-6952	2	BUSHING						
	11	1	155-7877	2	PLATE AS-GUIDE						
C	12	1	323-1469	1	BODY AS-DUMP						
M		1	9R-2821	6	BOSS (M10X1.5X15-MM)						
		1	8Y-4499	2	BOSS (M12X1.75-THD)						
	13	1	6K-6967	2	ADAPTER-PIPE						
BM	14	1	7X-2552	8	BOLT (M16X2X30-MM)						
M	15	1	7X-2563	6	BOLT (M20X2.5X60-MM)						
	16	1	8T-4121	32	WASHER-HARD (11X21X2.5-MM THK)						
	17	1	8T-4123	2	WASHER (22X35X3.5-MM THK)						
M	18	1	8T-4131	2	NUT (M20X2.5-THD)						
M	19	1	8T-4136	32	BOLT (M10X1.5X25-MM)						
M	20	1	8T-4187	2	BOLT (M20X2.5X80-MM)						
	21	1	8T-5439	8	WASHER-HARD (21.5X45X6-MM THK)						
	22	1	148-8395	1	PLUG AS						
		1	3K-0360	1	SEAL-O-RING						
		1	9S-8005	1	PLUG-O-RING						
M	23	1	7X-2621	6	BOLT (M10X1.5X12-MM)						

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

FRAME AND BODY

141-6863 BODY GP-TRUCK (contd.)

i03848329



GRAPHIC #1

<END>

g02134237

FRAME AND BODY

291-8954 FENDER & SUPPORT GP

S/N: T4R1-UP

PART OF 291-8689 INSTALLATION AR-MACHINE

SMCS-7252

i04280411

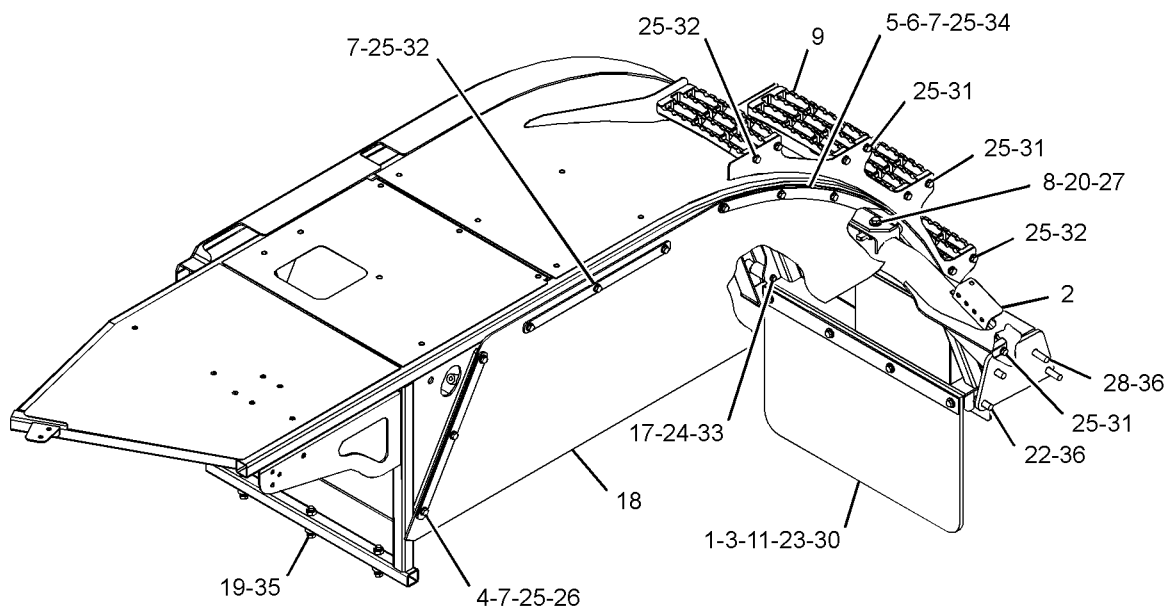
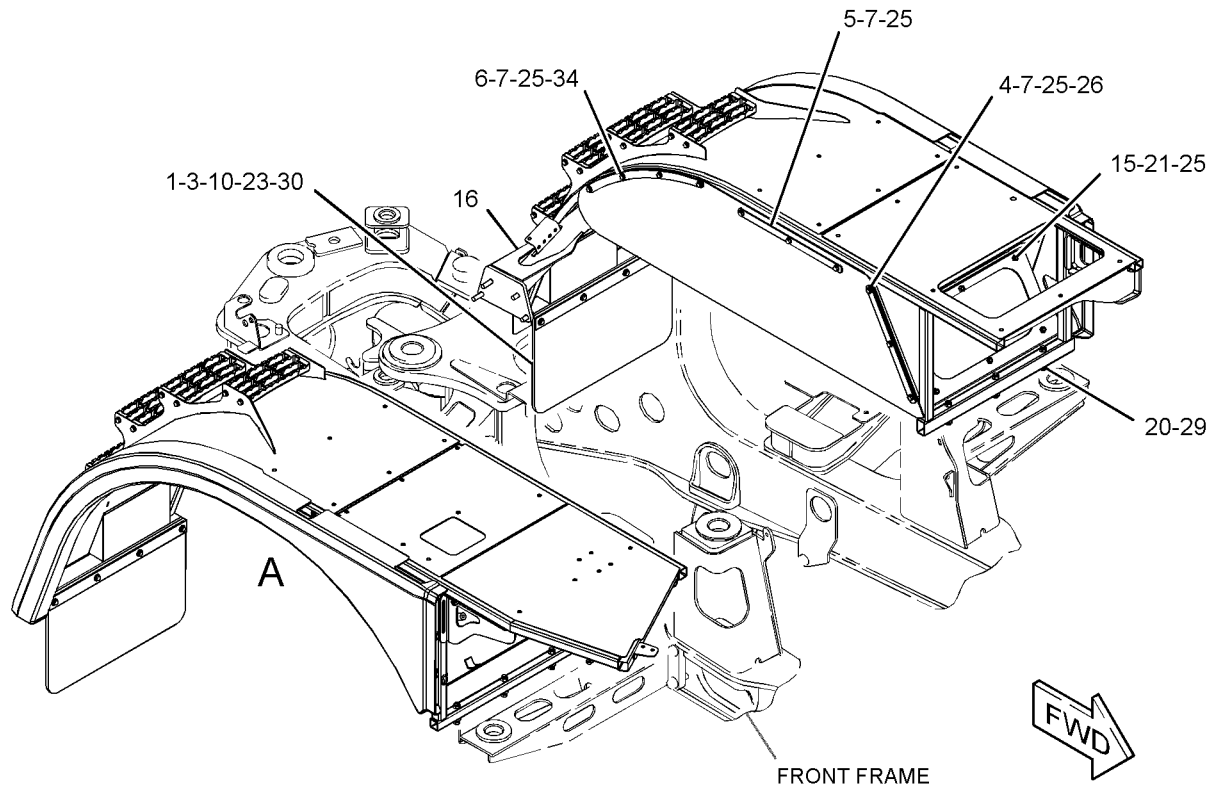
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7W-6333	8	SPACER (10.5X20X10.7-MM THK)						
	2	1	188-1956	1	SUPPORT (RH)						
	3	1	189-2047	2	PLATE (RH)						
	4	1	189-2290	2	PLATE						
	5	1	189-2291	2	PLATE						
	6	1	200-2159	2	STRIP						
	7	1	206-5017	20	SPACER (11X20X5-MM THK)						
	8	1	206-6819	4	PLATE-LOCK						
	9	1	239-5015	10	STEP						
	10	1	331-3919	1	FENDER AS (LH)						
		1	339-8085	1	PLATE AS						
		1	7T-1099	1	LINK						
M		1	8T-3490	6	NUT-WELD (M10X1.5-THD)						
M		1	8T-3597	3	NUT-WELD (M12X1.75-THD)						
		1	7T-1099	1	LINK						
M		1	8T-3490	25	NUT-WELD (M10X1.5-THD)						
M		1	8T-3597	1	NUT-WELD (M12X1.75-THD)						
		1	338-5028	1	TUBE-INNER						
	11	1	331-3920	1	FENDER AS (RH)						
		1	355-0196	1	PLATE AS						
M		1	8T-3612	2	NUT-WELD (M8X1.25-THD)						
		1	339-8084	1	PLATE AS						
		1	6I-2850	4	BOSS						
		1	7T-1099	3	LINK						
M		1	8T-3597	3	NUT-WELD (M12X1.75-THD)						
M		1	8T-3612	3	NUT-WELD (M8X1.25-THD)						
M		1	8T-3490	30	NUT-WELD (M10X1.5-THD)						
M		1	8T-3597	1	NUT-WELD (M12X1.75-THD)						
M		1	9R-2160	2	BOSS (M8X1.25X25-MM)						
		1	335-0657	1	BRACKET						
		1	339-8723	1	TUBE-INNER						
		1	339-8724	1	TUBE						
		1	339-8725	1	TUBE-OUTER						
	15	1	350-5751	1	PLATE						
	16	1	351-8202	1	SUPPORT						
	17	1	354-7385	12	COLLAR						
	18	1	361-7879	2	SHIELD-INNER						
	19	1	198-4778	3	WASHER-HARD (13.5X30X12-MM THK)						
	20	1	5P-1076	7	WASHER-HARD (13.5X30X4-MM THK)						
M	21	1	6V-6317	6	BOLT (M10X1.5X20-MM)						
M	22	1	7X-2553	4	BOLT (M16X2X40-MM)						
	23	1	7X-7729	8	WASHER (11X25X3-MM THK)						
M	24	1	8T-3647	12	BOLT (M8X1.25X80-MM)						
	25	1	8T-4121	66	WASHER-HARD (11X21X2.5-MM THK)						
M	26	1	8T-4136	6	BOLT (M10X1.5X25-MM)						
M	27	1	8T-4139	4	BOLT (M12X1.75X30-MM)						
M	28	1	8T-4140	4	BOLT (M16X2X60-MM)						
M	29	1	8T-4176	3	BOLT (M12X1.75X90-MM)						
M	30	1	8T-4186	8	BOLT (M10X1.5X40-MM)						
M	31	1	8T-4195	24	BOLT (M10X1.5X30-MM)						
M	32	1	8T-4196	22	BOLT (M10X1.5X35-MM)						
	33	1	8T-4224	12	WASHER-HARD (8.8X16X2-MM THK)						
M	34	1	8T-5005	8	BOLT (M10X1.5X70-MM)						
M	35	1	8T-6868	3	BOLT (M12X1.75X80-MM)						
	36	1	9X-8257	8	WASHER (17.5X30X3.5-MM THK)						

M-METRIC PART

FRAME AND BODY

291-8954 FENDER & SUPPORT GP (contd.)

i04280411



VIEW OF AREA A 90°

GRAPHIC #1

<END>

g02389298

FRAME AND BODY

311-0036 FENDER GP-TRUCK

S/N: T4R1-UP

PART OF 291-8689 INSTALLATION AR-MACHINE

SMCS-7252

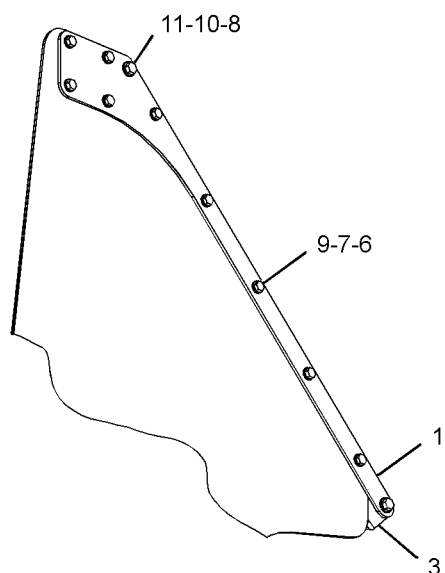
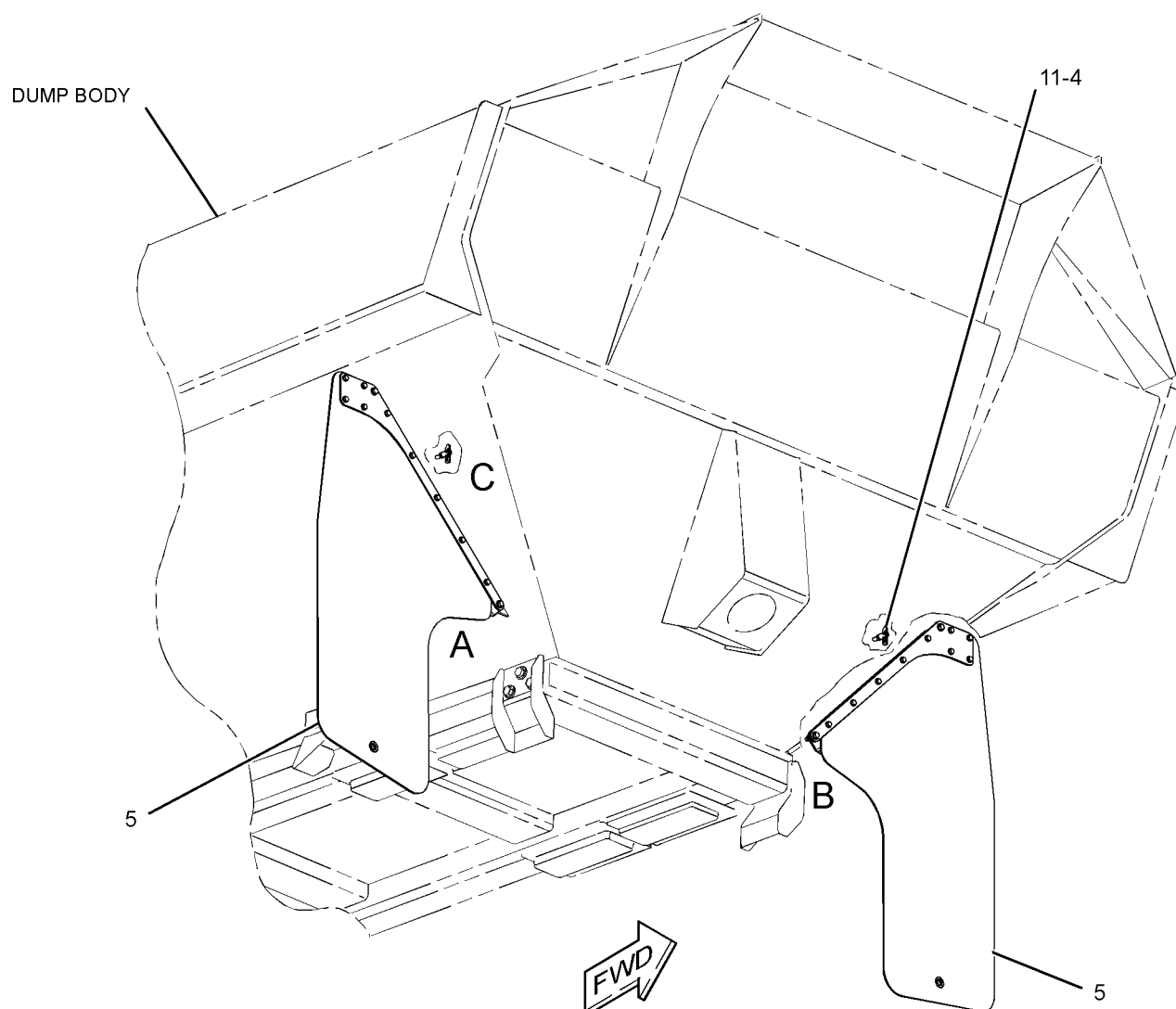
i02816511

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	164-7293	2	PLATE-MOUNTING	
	2	1	169-5026	1	PLATE AS-MOUNTING (LH)	
	3	1	169-5027	1	PLATE AS-MOUNTING (RH)	
	4	1	287-5633	2	FASTENER	
	5	1	309-4248	2	DEFLECTOR AS	
					(EACH INCLUDES)	
		1	287-5634	1	EYELET	
M	6	1	8T-0389	18	LOCKNUT (M10X1.15-THD)	
	7	1	8T-4121	36	WASHER-HARD (11X21X2.5-MM THK)	
M	8	1	8T-4184	4	BOLT (M12X1.75X45-MM)	
M	9	1	8T-4196	18	BOLT (M10X1.5X35-MM)	
	10	1	8T-4223	8	WASHER-HARD (13.5X25.5X3-MM THK)	
M	11	1	8T-4244	6	NUT (M12X1.75-THD)	
M-METRIC PART						

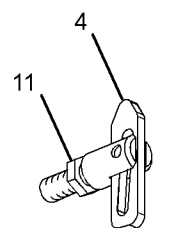
FRAME AND BODY

311-0036 FENDER GP (contd.)

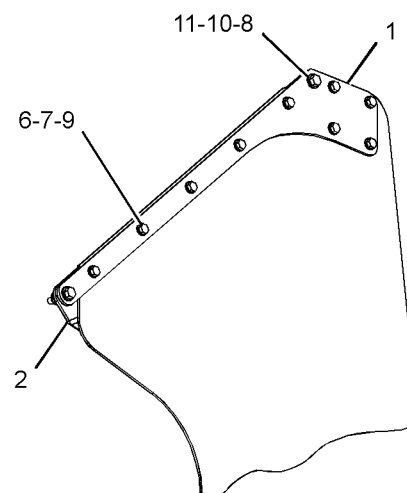
i02816511



VIEW OF AREA A



VIEW OF AREA C



VIEW OF AREA B

GRAPHIC #1

<END>

g01412152

FRAME AND BODY

363-8613 FENDER GP-FRONT

S/N: T4R1-UP

PART OF 291-8962 HOOD GP-ENGINE

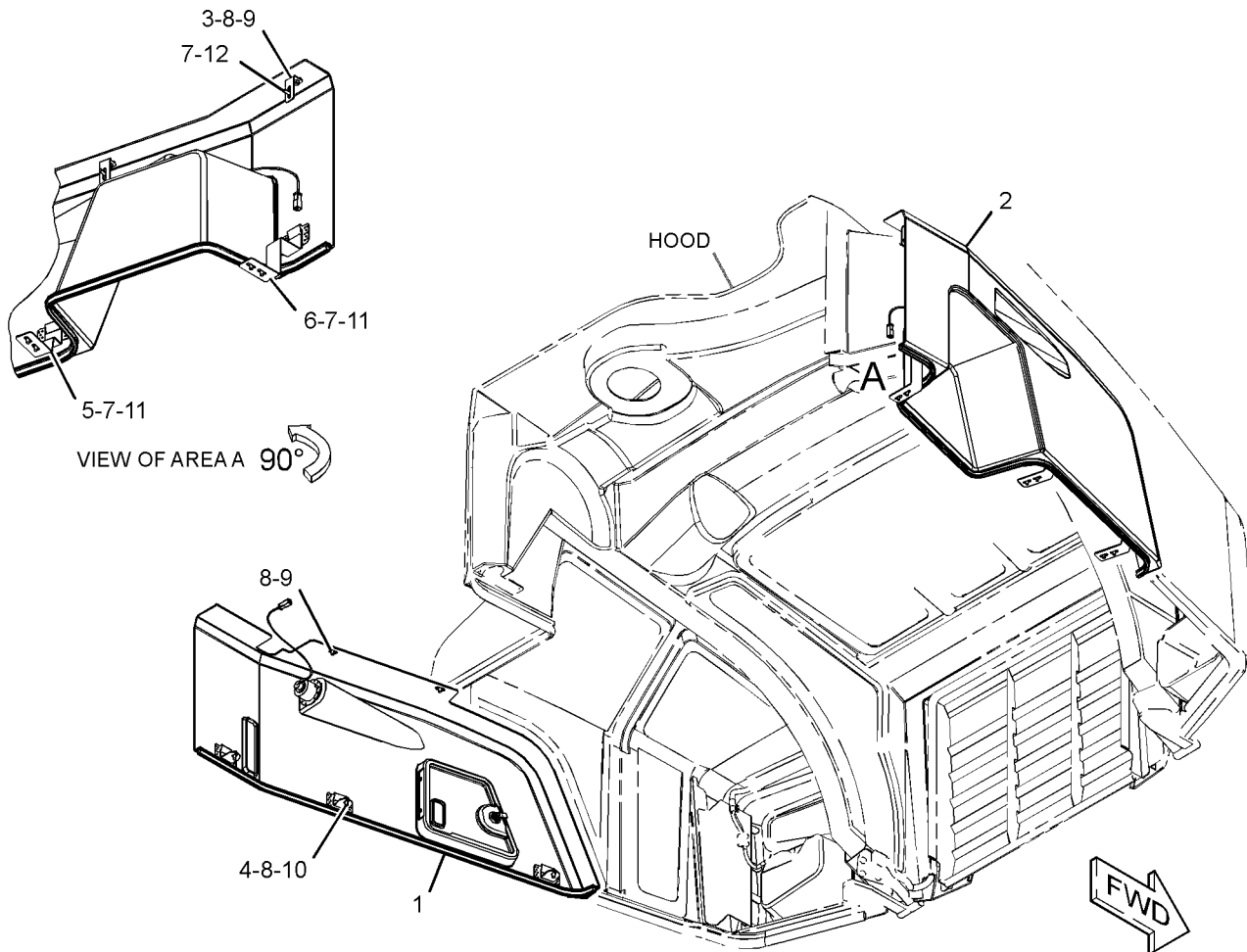
SMCS-7252

i04171523

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	332-3833	1	PANEL GP-FENDER (FRONT, LH)						510
Y	2	1	332-3843	1	PANEL GP-FENDER (FRONT, RH)						511
	3	1	359-7130	2	PLATE AS						
M		1	8T-3612	1	NUT-WELD (M8X1.25-THD)						
	4	1	360-0594	3	BRACKET						
	5	1	360-3203	2	PLATE						
	6	1	360-3370	1	PLATE						
	7	1	5P-4116	8	WASHER-HARD (8.8X20.5X2-MM THK)						
	8	1	7X-7729	7	WASHER (11X25X3-MM THK)						
M	9	1	8C-8585	4	SCREW-BUTTON HEAD (M10X1.5X20-MM)						
M	10	1	8T-4137	3	BOLT (M10X1.5X20-MM)						
M	11	1	8T-4200	6	BOLT (M8X1.25X16-MM)						
M	12	1	8T-4908	2	BOLT (M8X1.25X25-MM)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02395838

FRAME AND BODY

291-8938 FRAME GP-FRONT-ENGINE END

S/N: T4R1-UP

PART OF 330-9006 CHASSIS AR

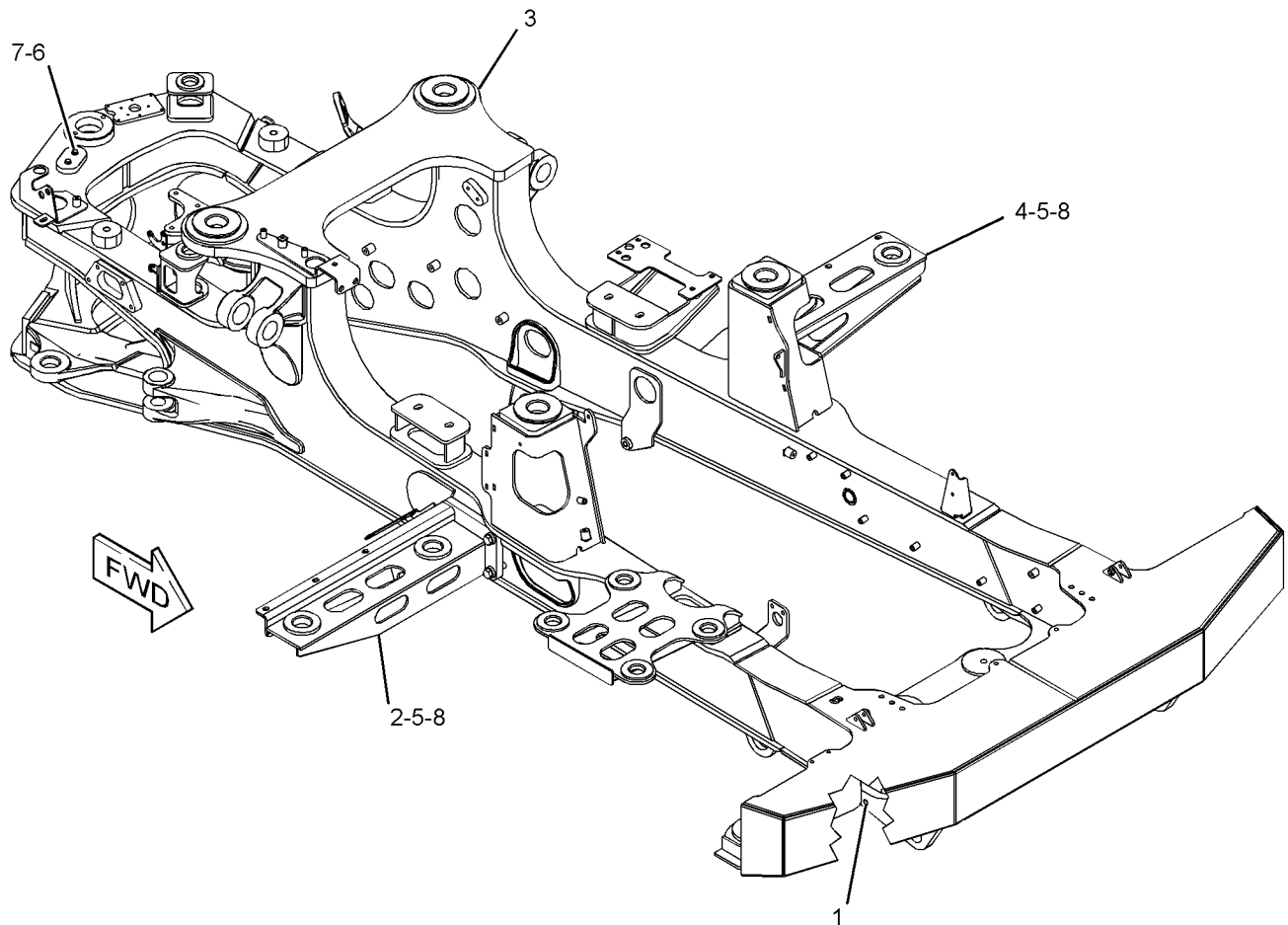
SMCS-7050, 7051

i04169624

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	175-5899	2	BUSHING						
	2	1	338-0246	1	BRACKET AS						
Y	3	1	339-0573	1	FRAME GP-FRONT						472
	4	1	339-1718	1	BRACKET AS						
	5	1	198-4781	8	WASHER-HARD (22X40X10-MM THK)						
	6	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
M	7	1	8T-4137	2	BOLT (M10X1.5X20-MM)						
M	8	1	8T-4141	8	BOLT (M20X2.5X70-MM)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02383443

FRAME AND BODY

329-8009 FRAME GP-FRONT

S/N: T4R1-UP

PART OF 339-0573 FRAME GP-FRONT

SMCS-7050, 7051

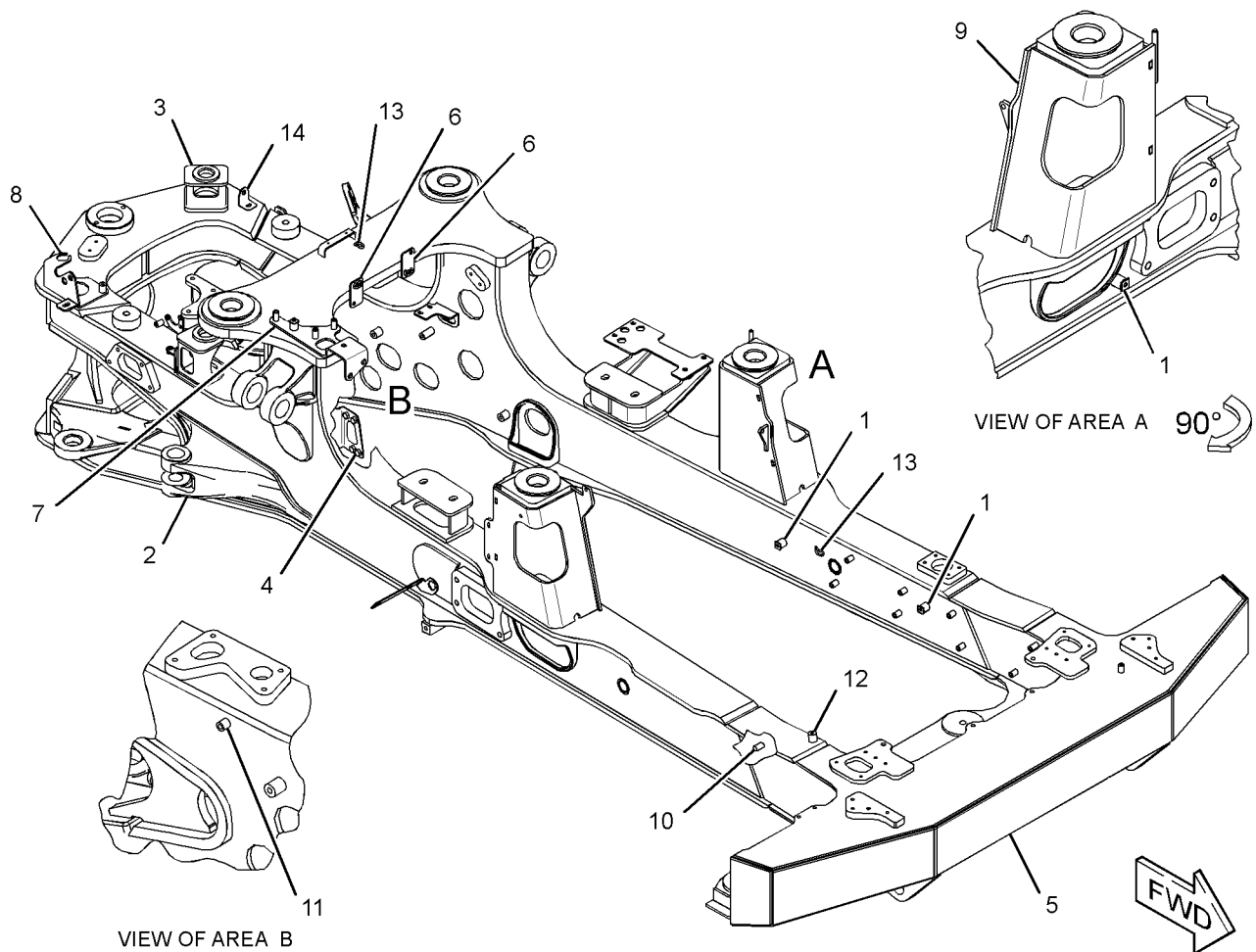
i04280438

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	125-5006	3	BOSS AS						
	2	1	162-9839	1	BRACKET						
	3	1	190-7376	1	BRACKET AS						
	4	1	193-6980	1	PLATE AS						
		1	7T-1099	1	LINK						
M		1	8T-3597	7	NUT-WELD (M12X1.75-THD)						
	5	1	329-8111	1	FRAME AS-FRONT						
		1	7T-1099	6	LINK						
M		1	8Y-4489	1	BOSS (M10X1.5-THD)						
		1	336-3471	2	BRACKET AS						
	6	1	343-3464	2	BRACKET AS						
					(EACH INCLUDES)						
M		1	6V-8224	1	NUT-WELD (M10X1.5-THD)						
		1	7T-1099	1	LINK						
	7	1	352-0188	1	BRACKET AS						
		1	125-5006	1	BOSS AS						
M		1	8T-3597	1	NUT-WELD (M12X1.75-THD)						
M		1	8Y-4489	3	BOSS (M10X1.5-THD)						
	8	1	352-0191	1	BRACKET AS						
M		1	7Y-8763	1	BOSS (M10X1.5X25-MM)						
	9	1	345-7565	1	PLATE AS						
		1	228-4586	1	BAR						
M	10	1	8Y-4489	1	BOSS (M10X1.5-THD)						
M	11	1	9R-2672	1	BOSS-THREADED (M10X1.5-THD)						
	12	1	8Y-3925	1	BOSS (3/8-16X1.2-IN)						
	13	1	7T-1099	5	LINK						
	14	1	343-9863	1	BRACKET						
	15	1	190-5361	1	BRACKET AS						
M-METRIC PART											

FRAME AND BODY

329-8009 FRAME GP-FRONT (contd.)

i04280438



VIEW OF AREA B
(COMPONENTS REMOVED FOR CLARITY)
GRAPHIC #1

<END>

g02396200

FRAME AND BODY

339-0573 FRAME GP-FRONT

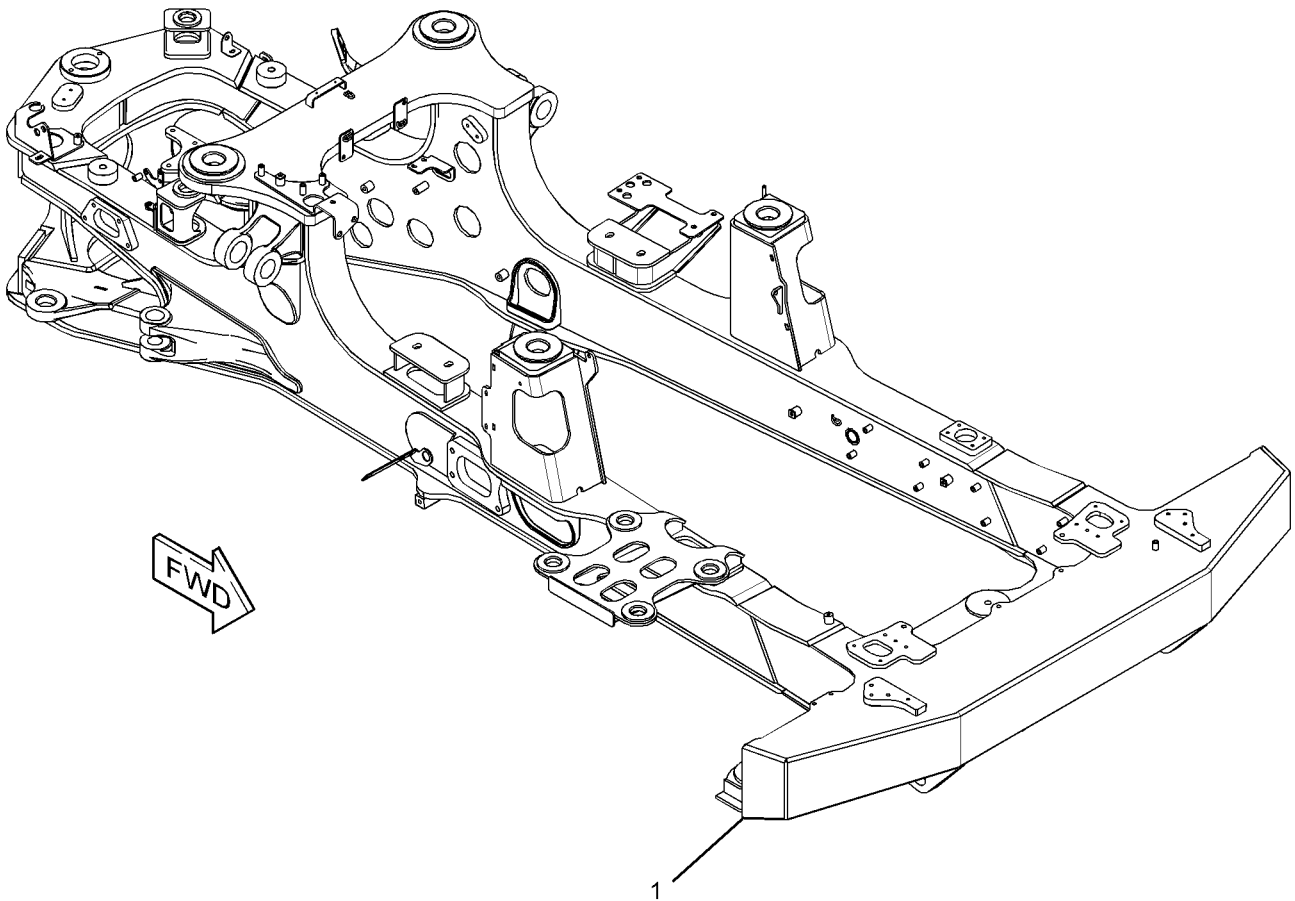
S/N: T4R1-UP

PART OF 291-8938 FRAME GP-FRONT

SMCS-7050, 7051

i04228750

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	329-8009	1	FRAME	GP	-FRONT				470
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g02417456

FRAME AND BODY

291-8940 FRAME GP-REAR-NON-ENGINE END

S/N: T4R1-UP

PART OF 330-9006 CHASSIS AR

SMCS-7051

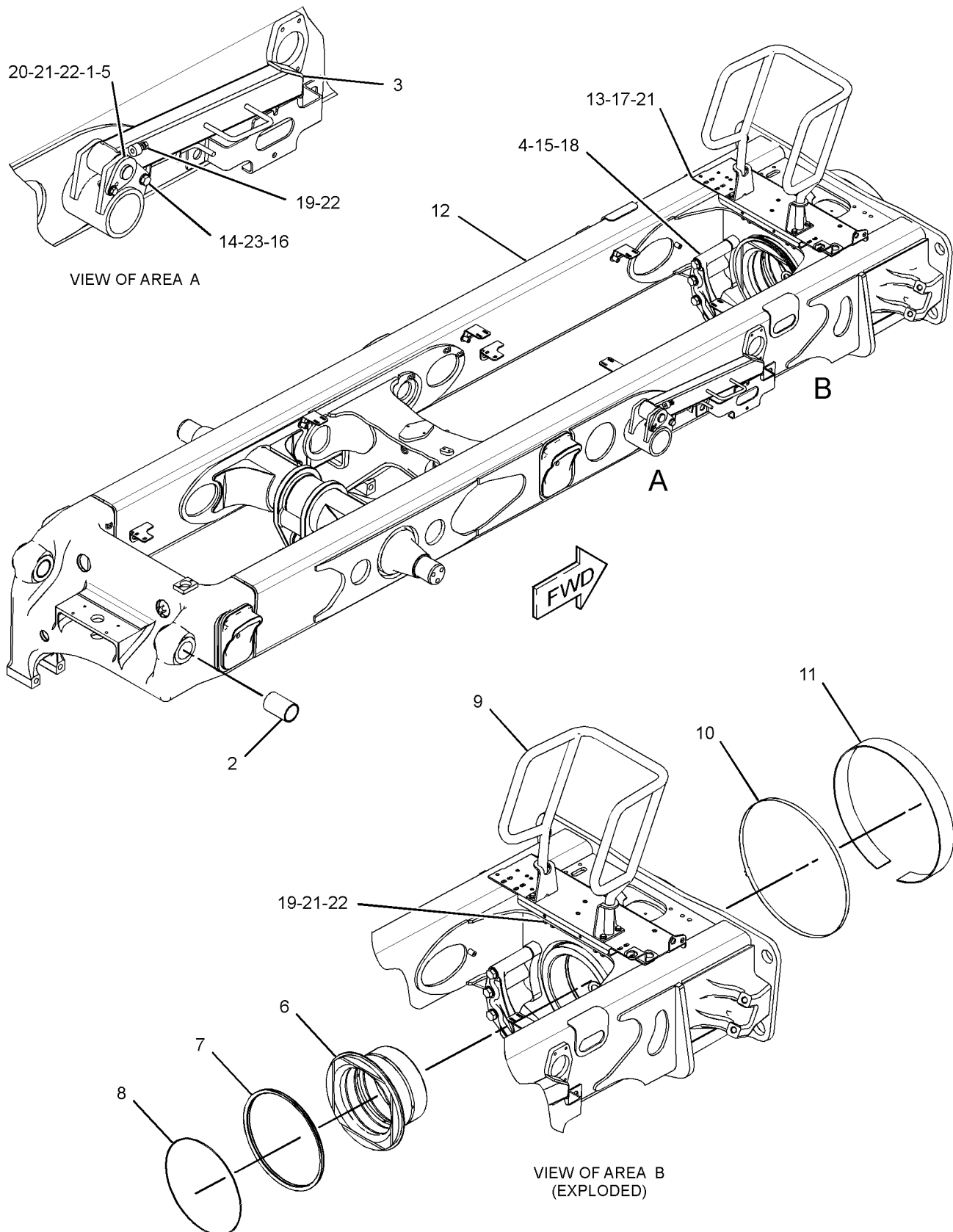
i04169680

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	112-8517	2	BUSHING						
	2	1	142-0050	2	BUSHING						
	3	1	142-0539	1	STRUT AS						
		1	3U-8952	1	PIN AS						
	4	1	144-4083	1	BRACKET						
	5	1	151-8455	1	PIN AS						
	6	1	162-5516	2	BUSHING						
	7	1	162-5517	2	SEAL						
	8	1	162-5518	2	RING-RETAINER						
	9	1	174-6769	1	FRAME AS-GUARD						
	10	1	189-2908	1	CLAMP AS-BAND						
	11	1	194-5012	1	DEFLECTOR						
	12	1	334-5807	1	FRAME AS						
		1	238-4751	1	HOUSING						
		1	141-2872	1	PIVOT-REAR						
		1	5C-9855	2	BOSS (M8X1.25X19-MM)						
		1	7T-1099	21	LINK						
		1	9G-9155	2	CLIP						
	13	1	346-4765	1	PLATE AS						
M		1	8T-3490	7	NUT-WELD (M10X1.5-THD)						
M		1	8T-3597	7	NUT-WELD (M12X1.75-THD)						
M	14	1	7X-2557	1	BOLT (M16X2X140-MM)						
M	15	1	8T-0365	6	BOLT (M24X3X240-MM)						
M	16	1	8T-4132	1	NUT (M16X2-THD)						
M	17	1	8T-4139	4	BOLT (M12X1.75X30-MM)						
	18	1	6V-8237	6	WASHER (26X44X4-MM THK)						
M	19	1	8T-4183	9	BOLT (M12X1.75X40-MM)						
M	20	1	8T-4194	1	BOLT (M12X1.75X50-MM)						
	21	1	8T-4223	18	WASHER-HARD (13.5X25.5X3-MM THK)						
M	22	1	8T-4244	6	NUT (M12X1.75-THD)						
	23	1	9X-8257	2	WASHER (17.5X30X3.5-MM THK)						
M-METRIC PART											

FRAME AND BODY

291-8940 FRAME GP-REAR (contd.)

i04169680



GRAPHIC #1

<END>

g02432236

FRAME AND BODY

192-1751 GUARD GP-BRAKE LINES-AXLE, CENTER

S/N: T4R1-UP

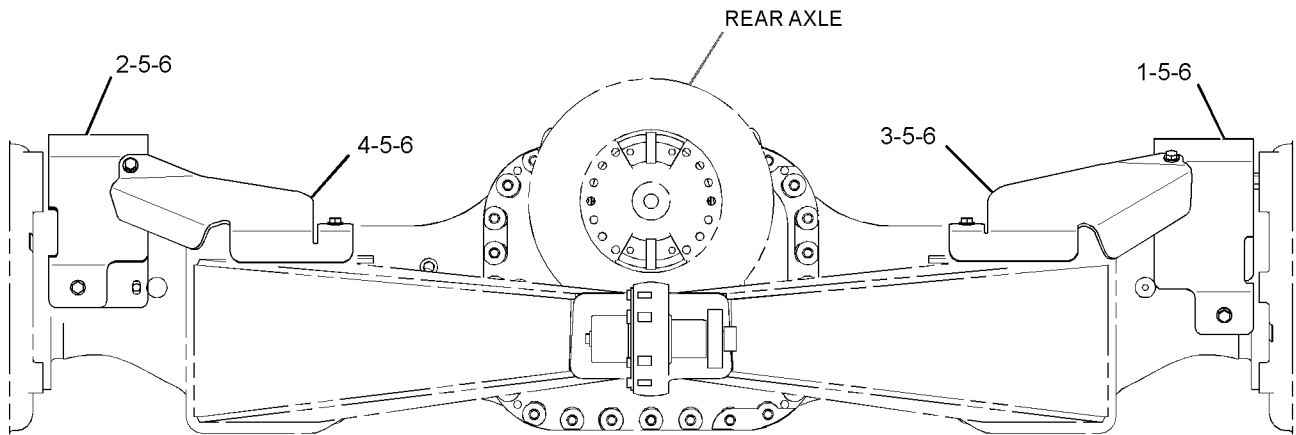
PART OF 328-3724 AXLE AR-CENTER

SMCS-7166

i04019586

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	1	1	361-9891	1	PLATE-COVER (LH)						
C	2	1	361-9892	1	PLATE-COVER (RH)						
	3	1	192-1752	1	GUARD (LH)						
	4	1	192-1753	1	GUARD (RH)						
M	5	1	8T-4139	10	BOLT (M12X1.75X30-MM)						
	6	1	8T-4223	10	WASHER-HARD (13.5X25.5X3-MM THK)						

C-CHANGE FROM PREVIOUS TYPE
M-METRIC PART



FRONT VIEW

GRAPHIC #1

<END>

g02306459

FRAME AND BODY

349-3284 GUARD GP-BRAKE LINES-AXLE, FRONT

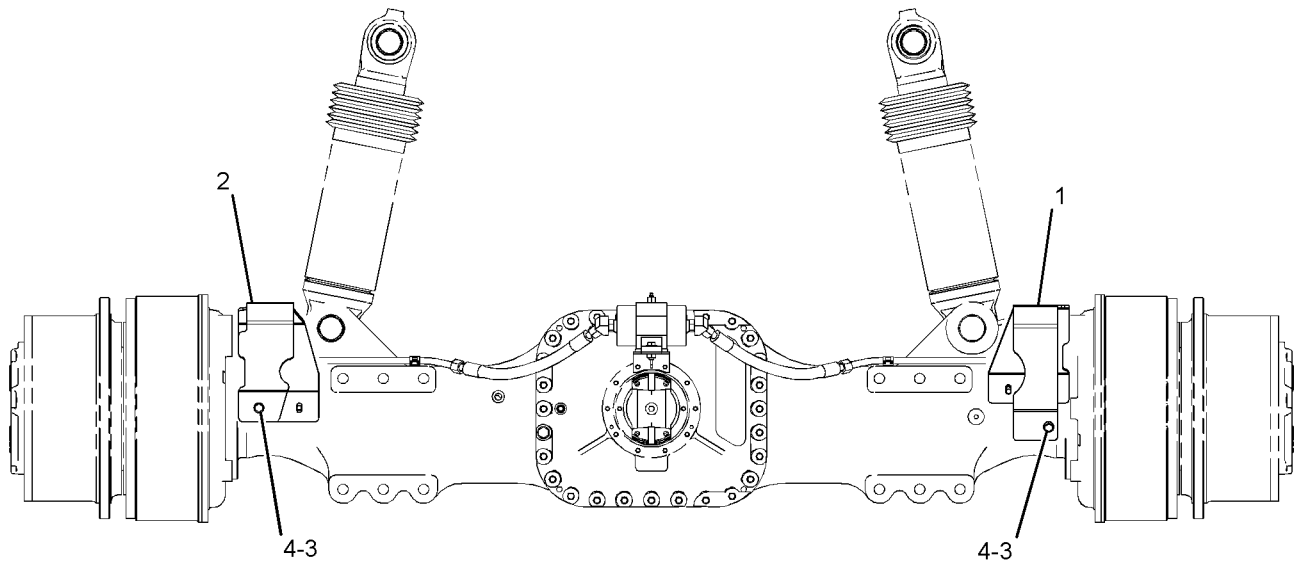
S/N: T4R1-UP

PART OF 328-3725 AXLE AR-FRONT

SMCS-7166

i03975170

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	298-5925	1	GUARD (RH)						
	2	1	349-3285	1	GUARD (LH)						
M	3	1	8T-4139	6	BOLT (M12X1.75X30-MM)						
	4	1	8T-4223	6	WASHER-HARD (13.5X25.5X3-MM THK)						
M-METRIC PART											



REAR VIEW

GRAPHIC #1

<END>

g02164955

FRAME AND BODY

291-8956 GUARD GP-CRANKCASE

S/N: T4R1-UP

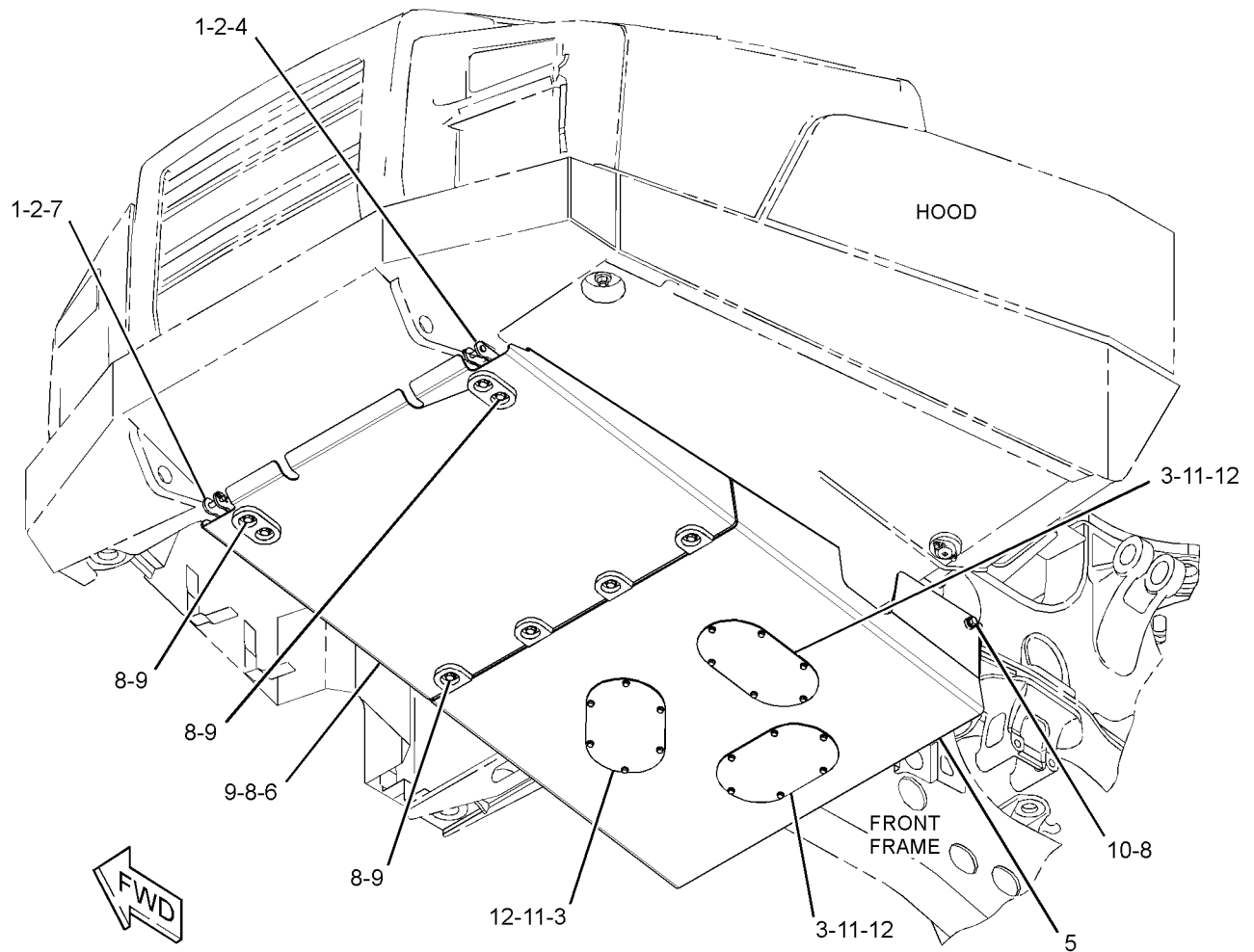
PART OF 291-8689 INSTALLATION AR-MACHINE

SMCS-7151

i04171132

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6S-6646	2	PIN-COTTER						
	2	1	9K-3036	2	PIN						
	3	1	352-9125	3	PLATE						
	4	1	360-1618	1	BRACKET AS						
	5	1	360-1620	1	PLATE AS						
M		1	8T-3490	18	NUT-WELD (M10X1.5-THD)						
	6	1	360-4688	1	PLATE AS						
	7	1	360-4689	1	BRACKET AS						
	8	1	7X-0515	12	WASHER-HARD (17X35X5-MM THK)						
M	9	1	7X-2553	10	BOLT (M16X2X40-MM)						
M	10	1	7X-2554	2	BOLT (M16X2X70-MM)						
	11	1	8T-4121	18	WASHER-HARD (11X21X2.5-MM THK)						
M	12	1	8T-4136	18	BOLT (M10X1.5X25-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g02410862

FRAME AND BODY

332-6518 GUARD GP-HYDRAULIC TANK

S/N: T4R1-UP

PART OF 332-6453 TANK GP-HYDRAULIC

SMCS-5056

i04171484

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	5U-4229	1	LATCH	
	2	1	185-5698	1	HINGE AS	
	3	1	187-6156	1	LATCH AS	
B	4	1	201-1379	4	SHIM (1-MM THK)	
B	5	2	253-5657	3	SHIM (1-MM THK)	
	6	1	332-6495	1	PLATE-TREAD	
	7	1	332-6496	1	PLATE-TREAD	
	8	1	332-6498	1	PLATE-TREAD	
	9	1	332-6502	1	PLATFORM AS	
M		1	8T-3490	4	NUT-WELD (M10X1.5-THD)	
	10	1	332-6514	1	PANEL AS-SWITCH	
M		1	6V-9632	2	NUT-WELD (M6X1-THD)	
		1	7T-1099	4	LINK	
M		1	8T-3490	4	NUT-WELD (M10X1.5-THD)	
		1	9C-9446	1	BLOCK	
M		1	9R-5271	1	BOSS (M10X1.5X25-MM)	
	11	2	333-7929	1	SUPPORT AS	
	12	1	333-7933	2	BRACKET AS-SUPPORT (EACH INCLUDES)	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
M		1	8T-3612	2	NUT-WELD (M8X1.25-THD)	
		1	333-7920	1	BRACKET	
	13	1	333-7934	1	PLATE AS	
	14	1	334-0659	1	BRACKET AS	
	15	1	337-8658	1	PLATE-COVER	
	16	1	339-5225	1	PLATE-END	
	17	1	341-2932	1	COVER AS	
	18	2	355-8484	1	STRUT-GAS	
	19	1	355-8486	1	PLATE AS	
M		1	8T-3490	4	NUT-WELD (M10X1.5-THD)	
M		1	8T-3612	2	NUT-WELD (M8X1.25-THD)	
	20	1	355-8492	1	BRACKET AS	
M		1	8T-3612	3	NUT-WELD (M8X1.25-THD)	
	21	1	355-8493	1	COVER AS-GUARD	
	22	1	355-8497	1	BRACKET AS	
M		1	8T-3612	1	NUT-WELD (M8X1.25-THD)	
	23	1	355-8499	1	COVER AS-GUARD	
M		1	8T-3612	2	NUT-WELD (M8X1.25-THD)	
	24	1	356-3283	2	BRACKET AS (EACH INCLUDES)	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
M	25	2	160-8500	2	NUT (M8X1.25-THD)	
M	26	1, 2	5C-9553	4	BOLT (M6X1X16-MM)	
	27	1	5P-1076	6	WASHER-HARD (13.5X30X4-MM THK)	
	28	1	5P-4116	12	WASHER-HARD (8.8X20.5X2-MM THK)	
	29	1	7X-7729	19	WASHER (11X25X3-MM THK)	
M	30	1	8C-8585	15	SCREW-BUTTON HEAD (M10X1.5X20-MM)	
	31	1	8T-4121	22	WASHER-HARD (11X21X2.5-MM THK)	
M	32	1	8T-4133	9	NUT (M10X1.5-THD)	
M	33	1	8T-4136	13	BOLT (M10X1.5X25-MM)	
M	34	1, 2	8T-4139	8	BOLT (M12X1.75X30-MM)	
M	35	1	8T-4189	12	BOLT (M8X1.25X20-MM)	
M	36	1	8T-4192	6	BOLT (M12X1.75X25-MM)	
M	37	1	8T-4195	4	BOLT (M10X1.5X30-MM)	
	38	1, 2	8T-4223	8	WASHER-HARD (13.5X25.5X3-MM THK)	
	39	2	8T-4224	2	WASHER-HARD (8.8X16X2-MM THK)	

FRAME AND BODY

332-6518 GUARD GP-HYDRAULIC TANK (contd.)

i04171484

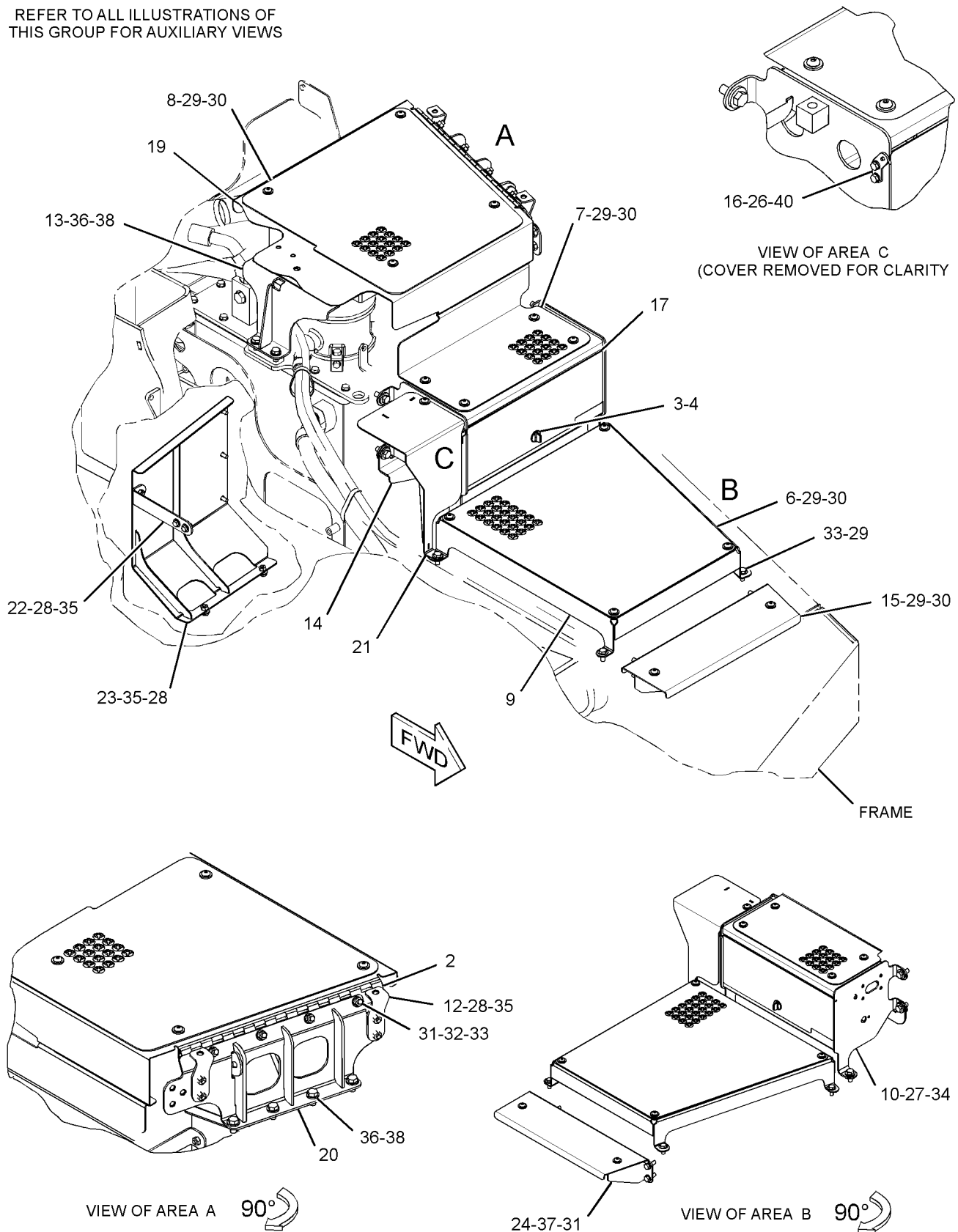
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	40	1, 2	9X-8256	4	WASHER (6.6X12X2-MM THK)						
B-USE AS REQUIRED M-METRIC PART											

FRAME AND BODY

332-6518 GUARD GP-HYDRAULIC TANK (contd.)

i04171484

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



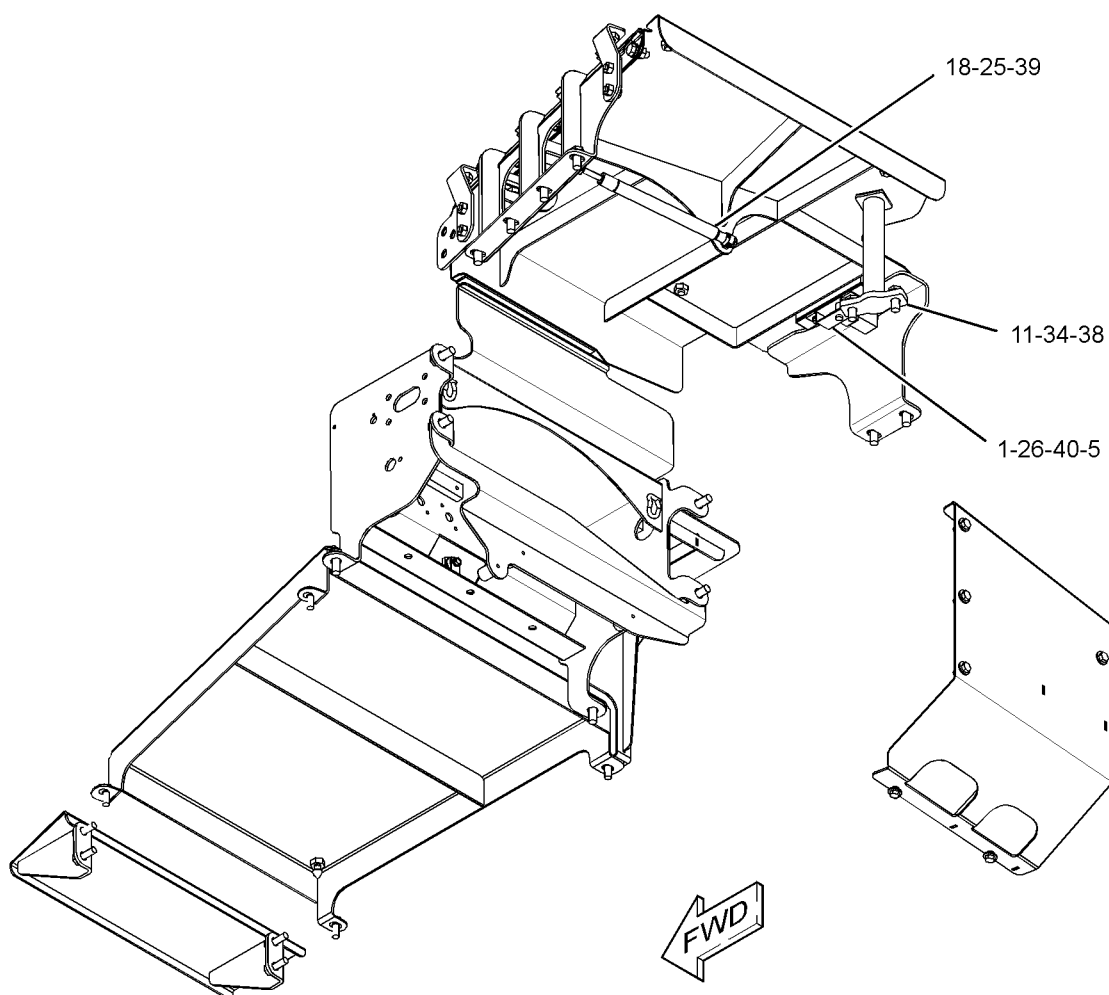
GRAPHIC #1

g02390865

FRAME AND BODY

332-6518 GUARD GP-HYDRAULIC TANK (contd.)

i04171484



GRAPHIC #2

<END>

g02390867

FRAME AND BODY

291-8958 GUARD GP-PLATFORM

S/N: T4R1-UP

PART OF 291-8689 INSTALLATION AR-MACHINE

SMCS-7150, 7253, 7256

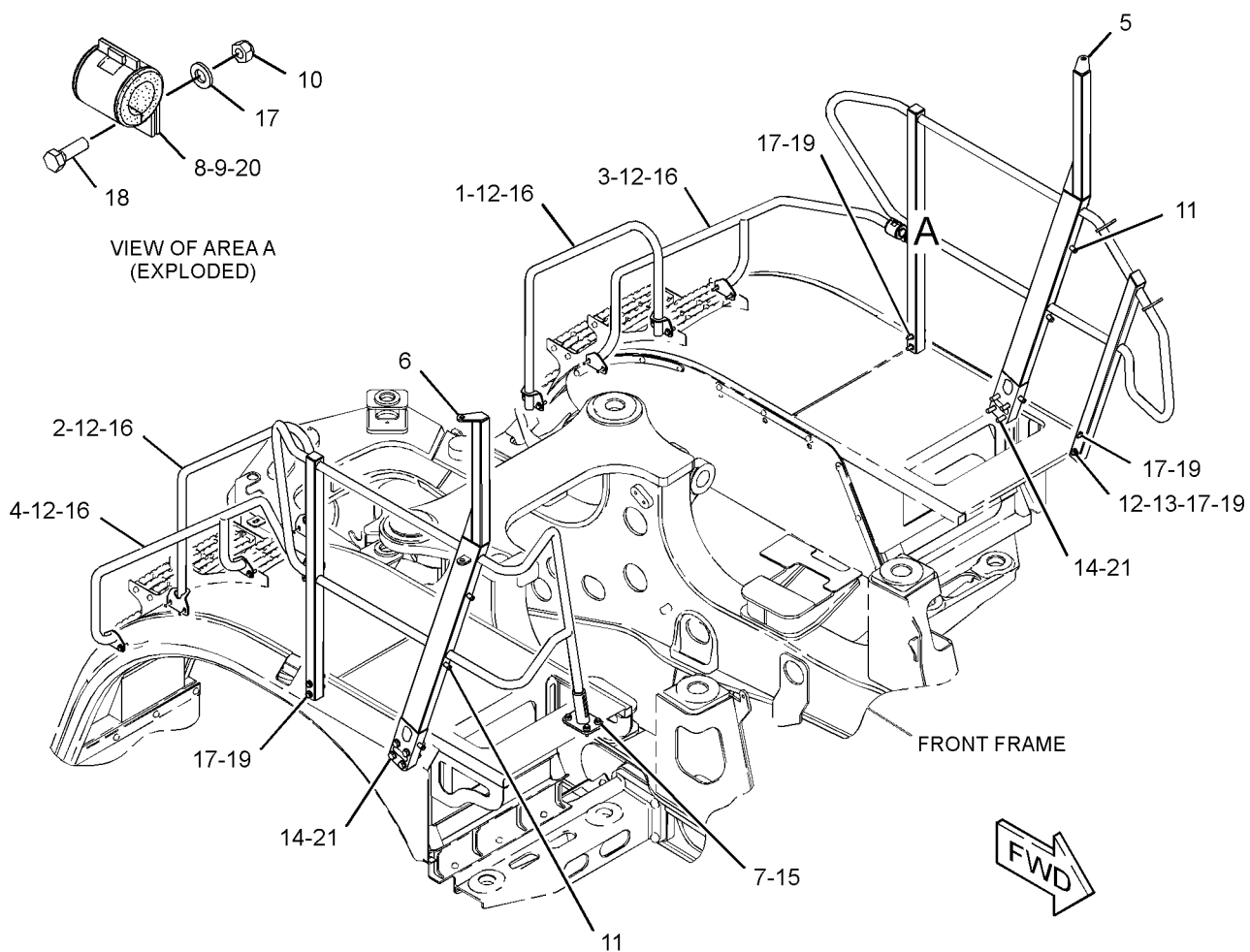
i04171133

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	331-3931	1	HANDRAIL	AS					
	2	1	331-3932	1	HANDRAIL	AS					
	3	1	331-3933	1	HANDRAIL	AS					
	4	1	331-3934	1	HANDRAIL	AS					
	5	1	331-3935	1	HANDRAIL	AS					
	6	1	331-3936	1	HANDRAIL	AS					
	7	1	198-4777	4	WASHER-HARD	(11X25X10-MM THK)					
	8	1	5P-7468	2	CLIP	(SLOT)					
	9	1	5P-7469	2	CLIP	(TAB)					
M	10	1	6V-7687	2	LOCKNUT	(M12X1.75-THD)					
M	11	1	7X-2621	6	BOLT	(M10X1.5X12-MM)					
	12	1	7X-7729	17	WASHER	(11X25X3-MM THK)					
M	13	1	8T-0389	1	LOCKNUT	(M10X1.5-THD)					
M	14	1	8T-4175	8	BOLT	(M16X2X90-MM)					
M	15	1	8T-4186	4	BOLT	(M10X1.5X40-MM)					
M	16	1	8T-4196	16	BOLT	(M10X1.5X35-MM)					
	17	1	8T-4223	8	WASHER-HARD	(13.5X25.5X3-MM THK)					
M	18	1	8T-4956	2	BOLT	(M12X1.75X35-MM)					
M	19	1	8T-6868	6	BOLT	(M12X1.75X80-MM)					
	20	1	8T-7087	2	GROMMET						
	21	1	9X-8257	8	WASHER	(17.5X30X3.5-MM THK)					
M-METRIC PART											

FRAME AND BODY

291-8958 GUARD GP-PLATFORM (contd.)

i04171133



GRAPHIC #1

<END>

g02410479

FRAME AND BODY

345-4131 GUARD GP-RADIATOR-RH

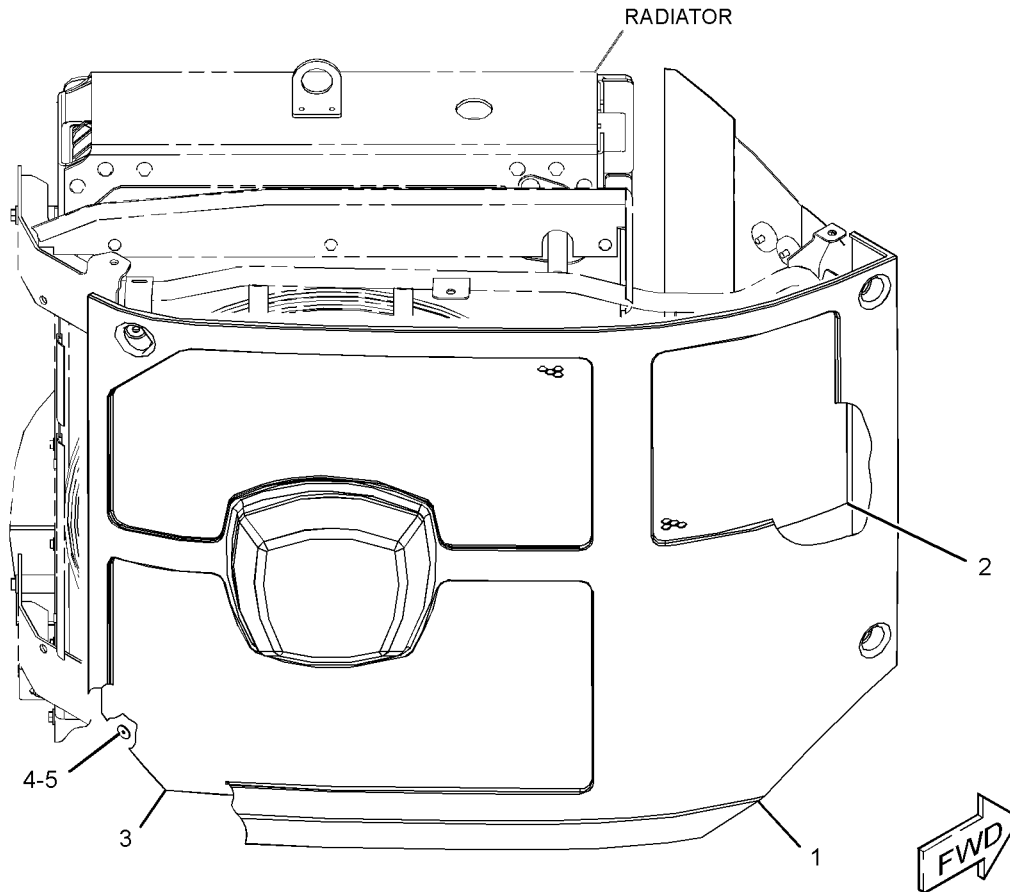
S/N: T4R1-UP

PART OF 291-8714 ENCLOSURE GP-RADIATOR

SMCS-7155

i04171612

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	345-4134	1	PANEL AS (RH)						
	2	1	345-4138	1	GRILL						
	3	1	345-4140	1	GRILL						
	4	1	089-7960	20	WASHER (5.3X25X1.6-MM THK)						
M	5	1	3T-0851	20	LOCKNUT (M5X0.8-THD)						
M-METRIC PART											



GRAPHIC #1

<END>

g02391398

FRAME AND BODY

190-2768 HITCH GP

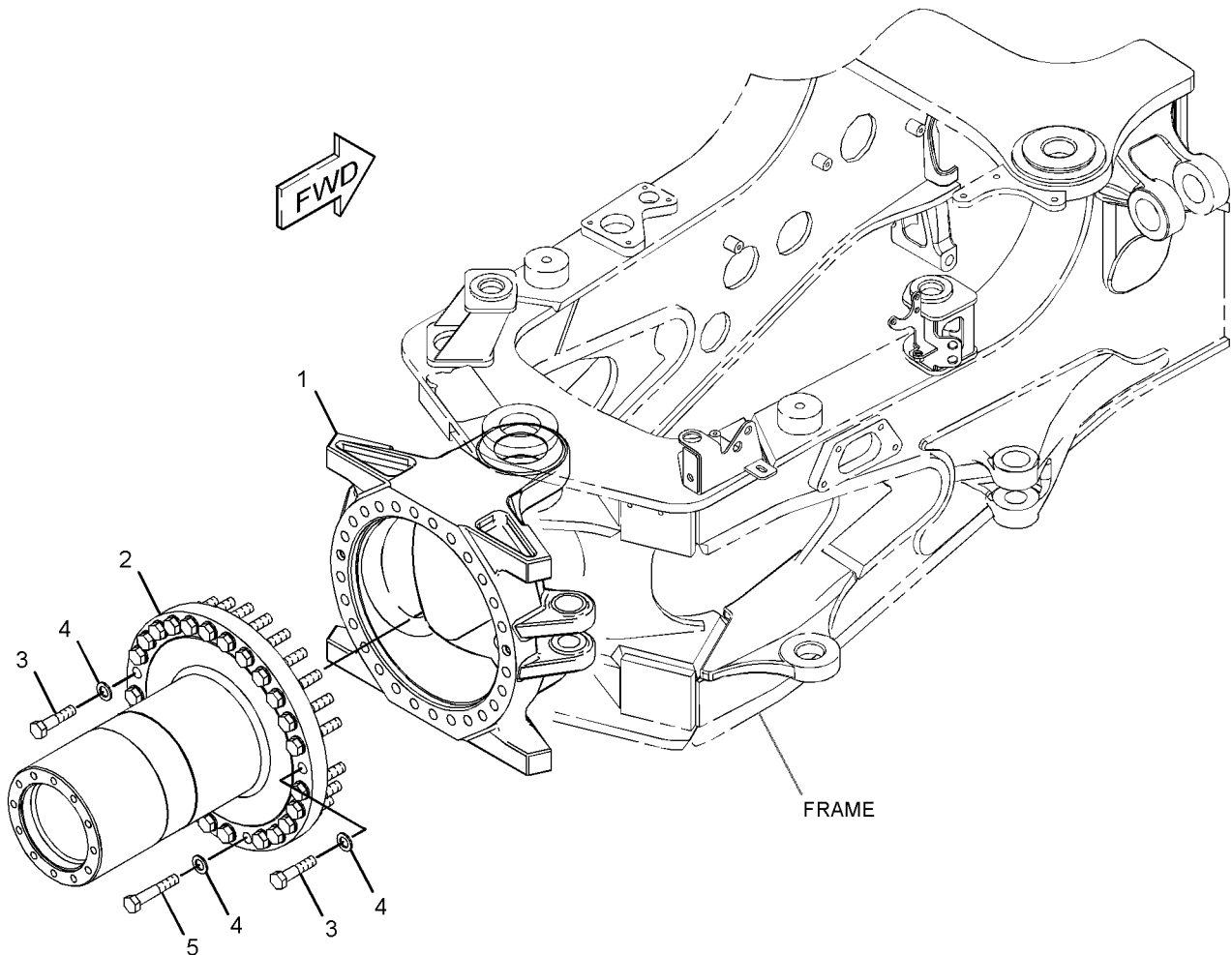
S/N: T4R1-UP

PART OF 141-6857 HITCH GP-OSCILLATING

SMCS-7116

i03502080

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	153-8351	1	PIVOT AS						
	2	1	153-8352	1	TUBE						
M	3	1	7X-2489	2	BOLT (M24X3X100-MM)						
	4	1	8T-4167	28	WASHER-HARD (26X44X4-MM THK)						
M	5	1	8T-6380	26	BOLT (M24X3X130-MM)						
M-METRIC PART											



GRAPHIC #1

<END>

g01841953

FRAME AND BODY

141-6857 HITCH GP-OSCILLATING

S/N: T4R1-UP

PART OF 330-9006 CHASSIS AR

SMCS-7113

i04280452

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2U-5388	1	SEAL-V-RING						
	2	1	3B-8485	2	FITTING-GREASE						
	3	1	5U-7151	2	CAP-GREASE						
	4	1	332-1648	2	BEARING-SELF-ALIGNING						
	5	1	156-4078	1	PIN-HITCH						
	6	1	156-4081	1	WASHER (115X118X5-MM THK)						
	7	1	156-4083	1	SPACER-SPECIAL						
	8	1	156-4085	1	WASHER-SPECIAL						
	9	1	156-4087	1	SPACER						
	10	1	185-4306	1	WASHER-SPECIAL						
	11	1	301-6951	1	PIN-HITCH						
	12	1	187-3579	1	SPACER-BEARING						
Y	13	1	190-2768	1	HITCH GP						485
	14	1	195-3659	1	SPACER (80X118X14-MM THK)						
M	15	1	170-8555	2	BOLT (M16X2X90-MM)						
	16	1	1H-6227	1	SEAL-O-RING						
	17	1	1K-6992	1	RING-LOCK						
	18	1	2H-3931	1	SEAL-O-RING						
M	19	1	8T-0658	1	BOLT (M20X2.5X180-MM)						
M	20	1	6V-8569	1	BOLT (M20X2.5X200-MM)						
	21	1	153-5044	1	WASHER-HARD (21.5X45X6-MM THK)						
M	22	1	8T-4132	2	NUT (M16X2-THD)						
	23	1	9X-8257	2	WASHER (17.5X30X3.5-MM THK)						
	24	1	8T-3282	1	WASHER-HARD (22X35X3.5-MM THK)						

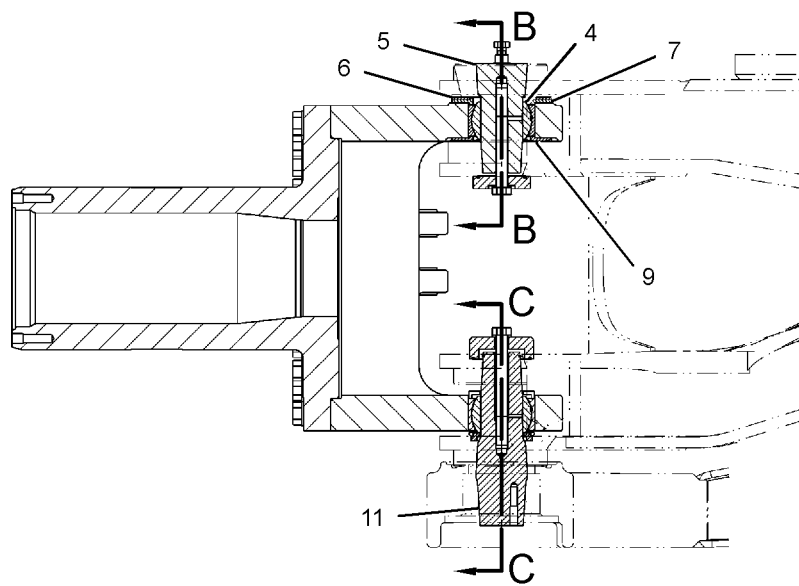
M-METRIC PART

Y-SEPARATE ILLUSTRATION

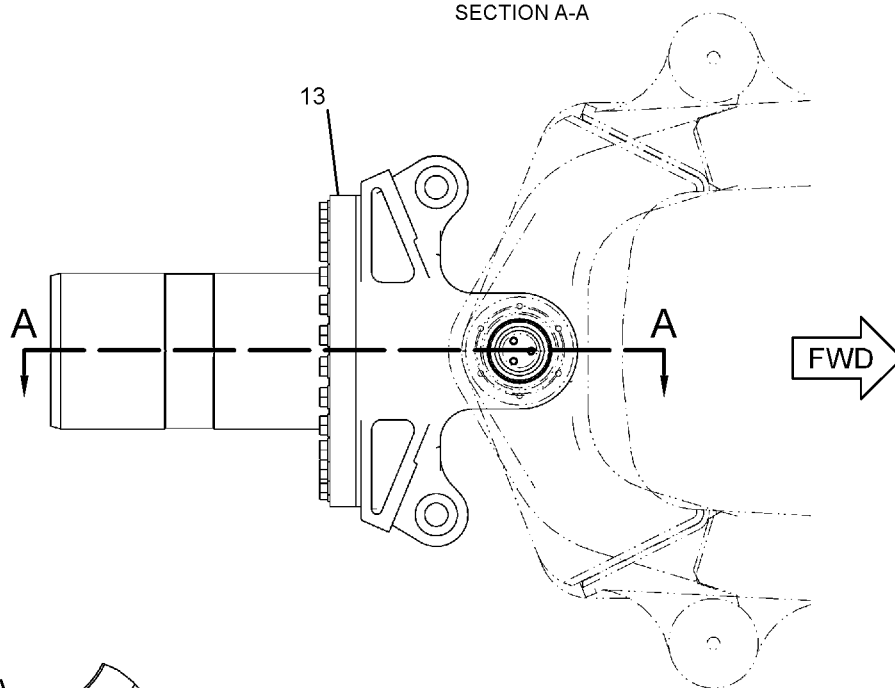
FRAME AND BODY

141-6857 HITCH GP-OSCILLATING (contd.)

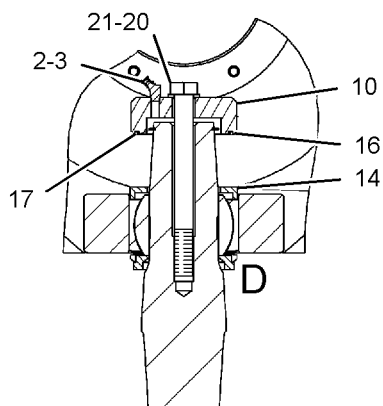
i04280452



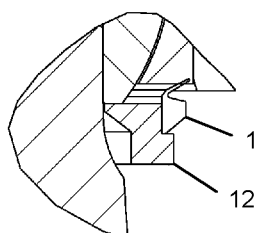
SECTION A-A



TOP VIEW

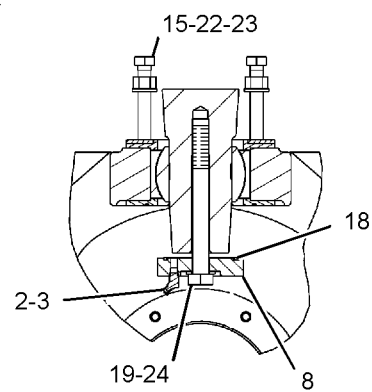


SECTION C-C



VIEW OF AREA D

<END>



SECTION B-B

GRAPHIC #1

g01153559

FRAME AND BODY

291-8962 HOOD GP-ENGINE

S/N: T4R1-UP

PART OF 291-8689 INSTALLATION AR-MACHINE

SMCS-7251

i04171131

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	193-3809	2	PIN-GUIDE	
Y	2	1	328-3984	1	WIRING GP-LIGHTING	339
	3	2	332-3814	1	HOOD AS	
		2	359-5886	1	RIB AS	
		2	7T-1099	1	LINK	
M		2	8T-3490	8	NUT-WELD (M10X1.5-THD)	
		2	359-5889	1	RIB AS	
M		2	8T-3490	8	NUT-WELD (M10X1.5-THD)	
M		2	8T-3612	4	NUT-WELD (M8X1.25-THD)	
		2	8T-4121	14	WASHER-HARD (11X21X2.5-MM THK)	
M		2	8T-4136	14	BOLT (M10X1.5X25-MM)	
	4	2	332-3816	1	GRILL AS (LH)	
	5	2	332-3817	1	GRILL AS (RH)	
	6	1	332-3818	1	HINGE AS (LH)	
		1	5G-8871	1	BOSS (M6X1-THD)	
		1	7T-1099	1	LINK	
	7	1	332-3819	1	HINGE AS (RH)	
		1	5G-8871	1	BOSS (M6X1-THD)	
		1	7T-1099	3	LINK	
	8	1	332-3821	2	BUSHING-FLANGED	
	9	1	332-3822	1	DUCT AS	
		1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)	
M		1	8T-4908	4	BOLT (M8X1.25X25-MM)	
	10	2	332-3830	1	GRILL AS	
	11	1	342-9929	1	FAN & MOTOR AS	
		1	177-9645	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	243-4507	1	RECEPTACLE AS-CONNECTOR (4-PIN)	
	12	1	347-9021	1	GUARD AS-FAN	
	13	2	351-4733	1	PANEL AS	
	14	2	351-4734	1	PANEL AS (LH)	
	15	2	351-4735	1	PANEL AS (RH)	
	16	1	351-4744	1	VENT	
	17	2	355-0198	1	BRACKET AS	
M		2	8T-3612	2	NUT-WELD (M8X1.25-THD)	
	18	2	355-0202	1	BRACKET AS	
	19	2	355-2770	1	BRACKET AS	
M		2	8T-3612	2	NUT-WELD (M8X1.25-THD)	
	20	1	358-1460	1	INSULATION	
	21	1	358-1461	1	INSULATION	
	22	1	358-1462	1	INSULATION	
	23	1	358-1463	1	INSULATION	
	24	1	358-1464	1	INSULATION	
	25	1	358-1465	1	SHIELD-HEAT	
	26	1	358-1466	1	SHIELD-HEAT	
	27	1	359-5892	2	HINGE AS	
	28	1	359-5895	2	HINGE AS	
	29	2	359-6322	1	BRACKET AS	
M		2	8T-3612	2	NUT-WELD (M8X1.25-THD)	
	30	2	359-6325	1	BRACKET AS	
	31	2	359-6327	1	BRACKET AS	
M		2	8T-3612	2	NUT-WELD (M8X1.25-THD)	
	32	2	359-6328	1	PLATE	
	33	2	363-3870	1	BRACKET AS	
	34	2	363-3871	1	BRACKET AS	
M		2	8T-3612	2	NUT-WELD (M8X1.25-THD)	

FRAME AND BODY

291-8962 HOOD GP-ENGINE (contd.)

i04171131

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	35	2	363-8613	1	FENDER GP (FRONT)	468
	36	2	365-1586	2	PIN-GUIDE	
	37	1	156-0283	12	WASHER-HARD (8.4X35X2.5-MM THK)	
	38	1	1V-6688	1	GROMMET	
	39	2	216-7352	4	SCREW-TRUSS HEAD (M8X1.25X30-MM)	
	40	2	245-1094	4	NUT-RETAINING	
	41	1	5P-1076	6	WASHER-HARD (13.5X30X4-MM THK)	
	42	2	5P-4116	28	WASHER-HARD (8.8X20.5X2-MM THK)	
M	43	1	6V-7357	4	BOLT (M6X1X25-MM)	
M	44	1, 2	6V-9189	26	LOCKNUT (M8X1.25-THD)	
	45	1	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)	
M	46	1	8T-4183	6	BOLT (M12X1.75X40-MM)	
M	47	1	8T-4186	6	BOLT (M10X1.5X40-MM)	
M	48	1, 2	8T-4189	16	BOLT (M8X1.25X20-MM)	
	49	1, 2	8T-4224	34	WASHER-HARD (8.8X16X2-MM THK)	
M	50	2	8T-4908	20	BOLT (M8X1.25X25-MM)	
M	51	1	8T-7547	8	BOLT (M8X1.25X30-MM)	
	52	2	9X-2038	8	WASHER (7X19X2-MM THK)	
M	53	2	9X-2045	8	SCREW-TRUSS HEAD (M6X1X20-MM)	
	54	1	9X-8256	4	WASHER (6.6X12X2-MM THK)	
E	55	1	222-8450		SEAL (89-CM)	
E	56	1	222-5093		SEAL (220-CM)	
E	57	1	365-1587		SEAL (196-CM)	
E	57A	1	365-1587		SEAL (99-CM EACH)	
E	57B	1	365-1587		SEAL (187-CM)	

E-ORDER BY THE CENTIMETER

M-METRIC PART

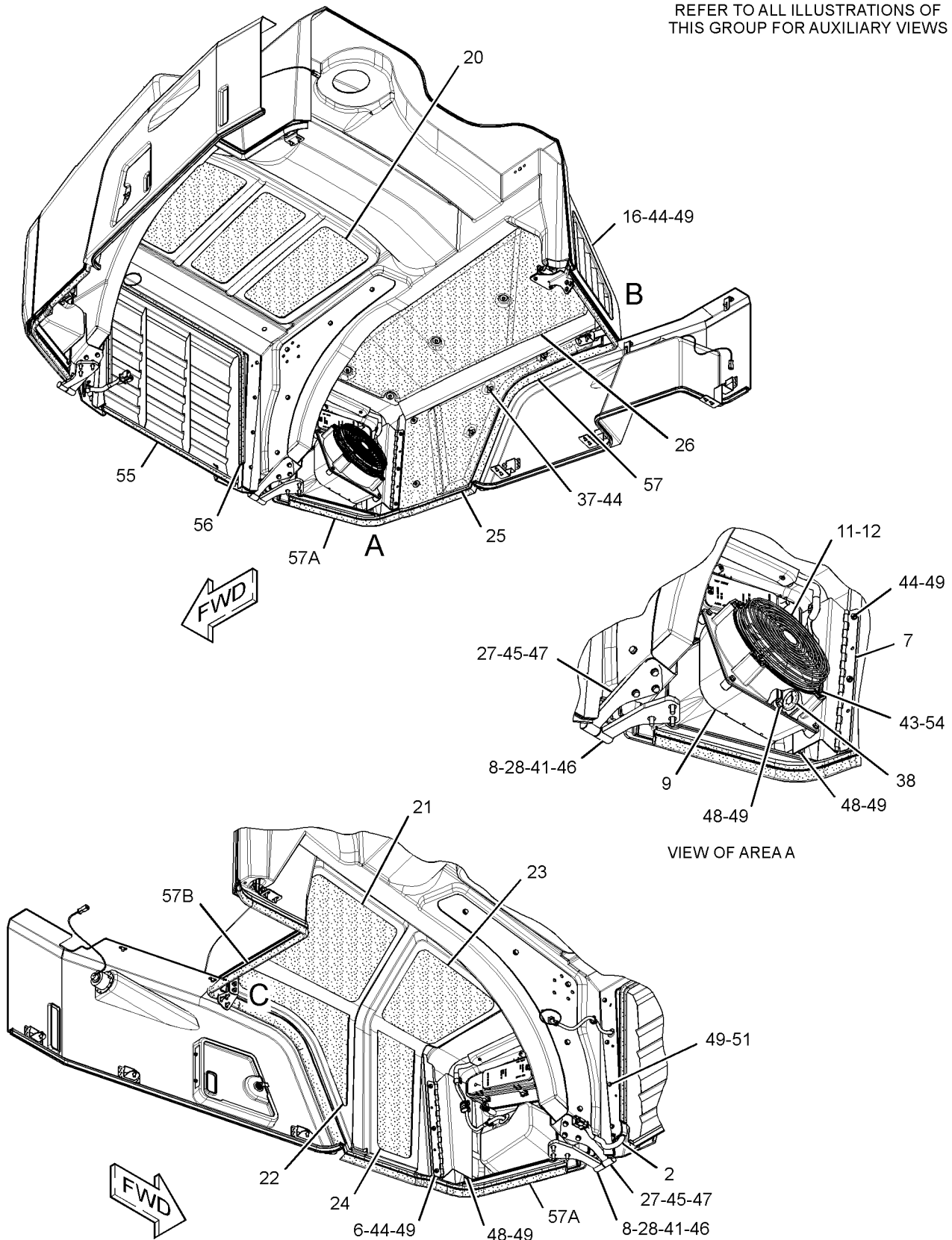
Y-SEPARATE ILLUSTRATION

FRAME AND BODY

291-8962 HOOD GP-ENGINE (contd.)

i04171131

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



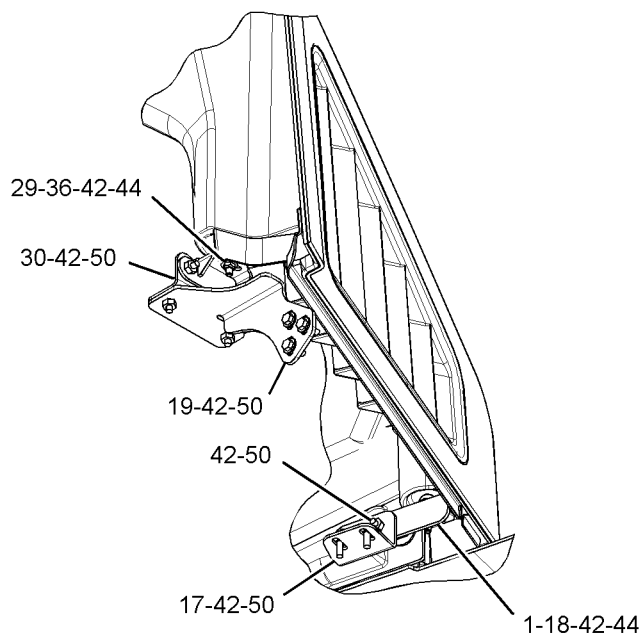
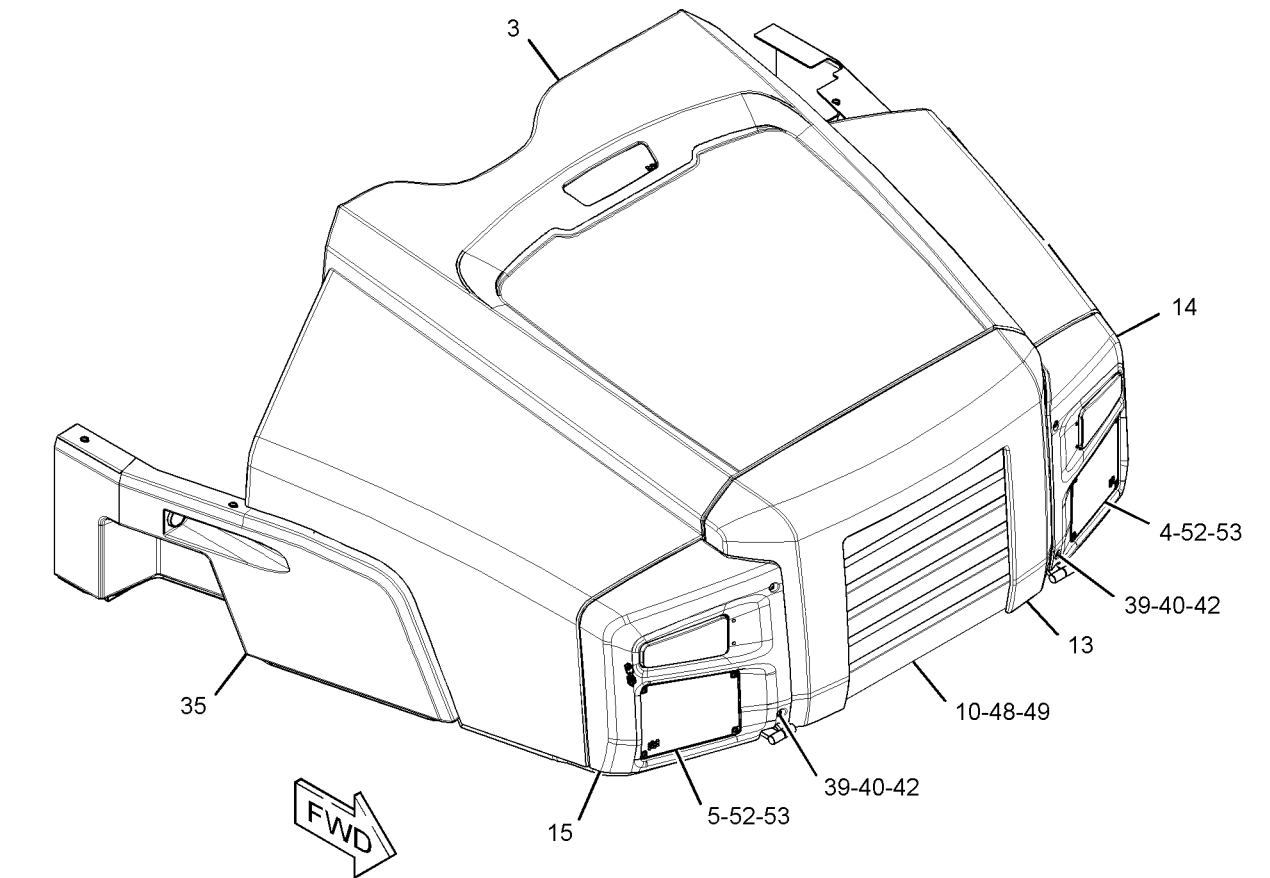
GRAPHIC #1

g02381296

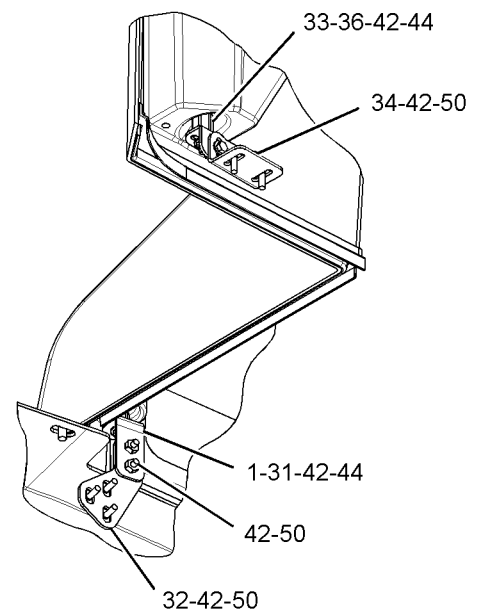
FRAME AND BODY

291-8962 HOOD GP-ENGINE (contd.)

i04171131



VIEW OF AREA B
(PARTS REMOVED FOR CLARITY)



VIEW OF AREA C
(PARTS REMOVED FOR CLARITY)

GRAPHIC #2

<END>

g02381298

FRAME AND BODY

359-3896 LIFTING GP-MACHINE

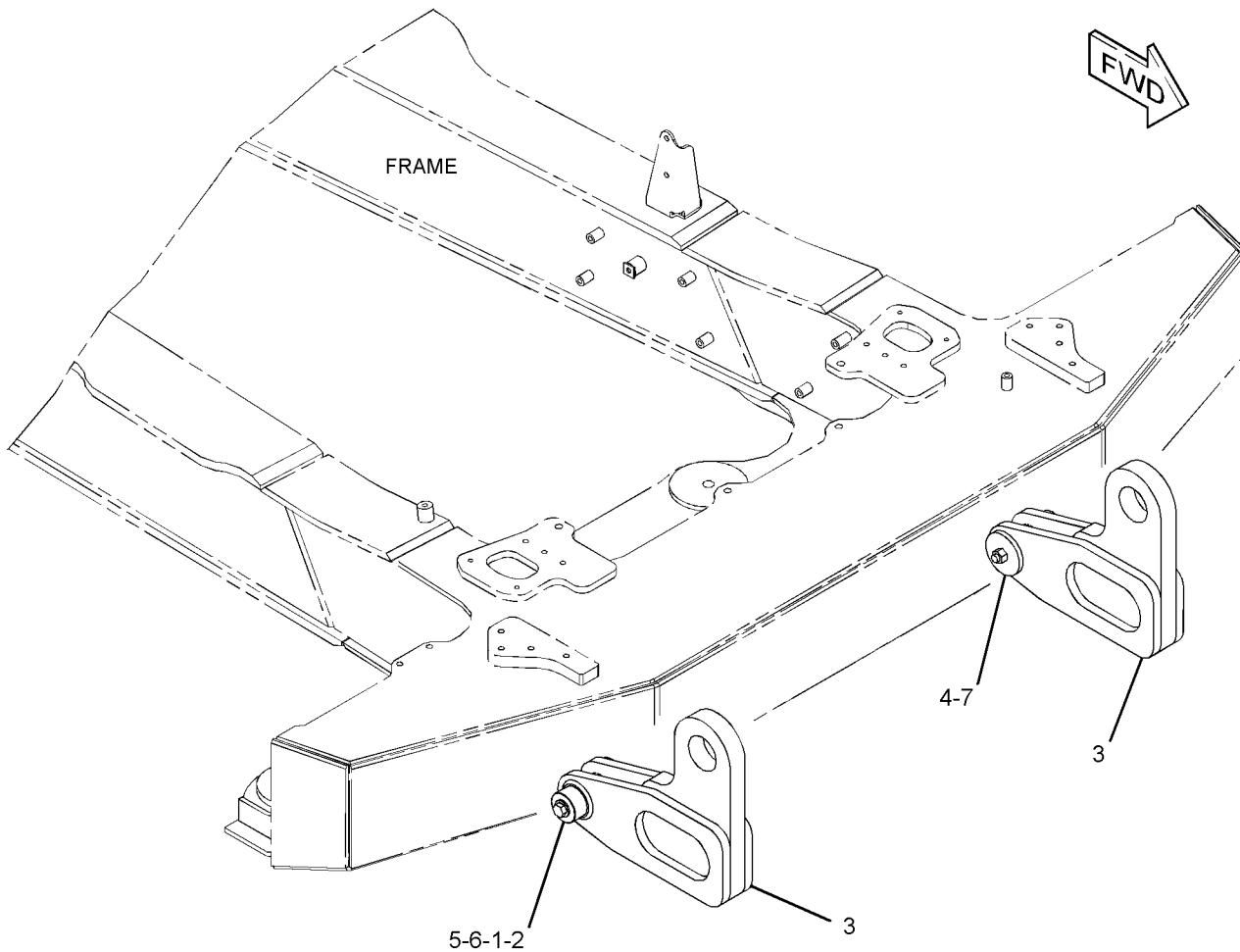
S/N: T4R1-UP
AN ATTACHMENT

SMCS-1122, 6459, 7000

i04087472

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	174-5641	2	PIN						
	2	1	174-5642	2	SPACER-SPECIAL						
	3	1	359-3897	2	BRACKET AS						
	4	1	7X-0540	2	WASHER-HARD (17X90X10-MM THK)						
M	5	1	7X-2559	2	BOLT (M16X2X160-MM)						
	6	1	8T-4123	2	WASHER (22X35X3.5-MM THK)						
M	7	1	8T-4132	2	NUT (M16X2-THD)						

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



GRAPHIC #1

<END>

g02312816

FRAME AND BODY

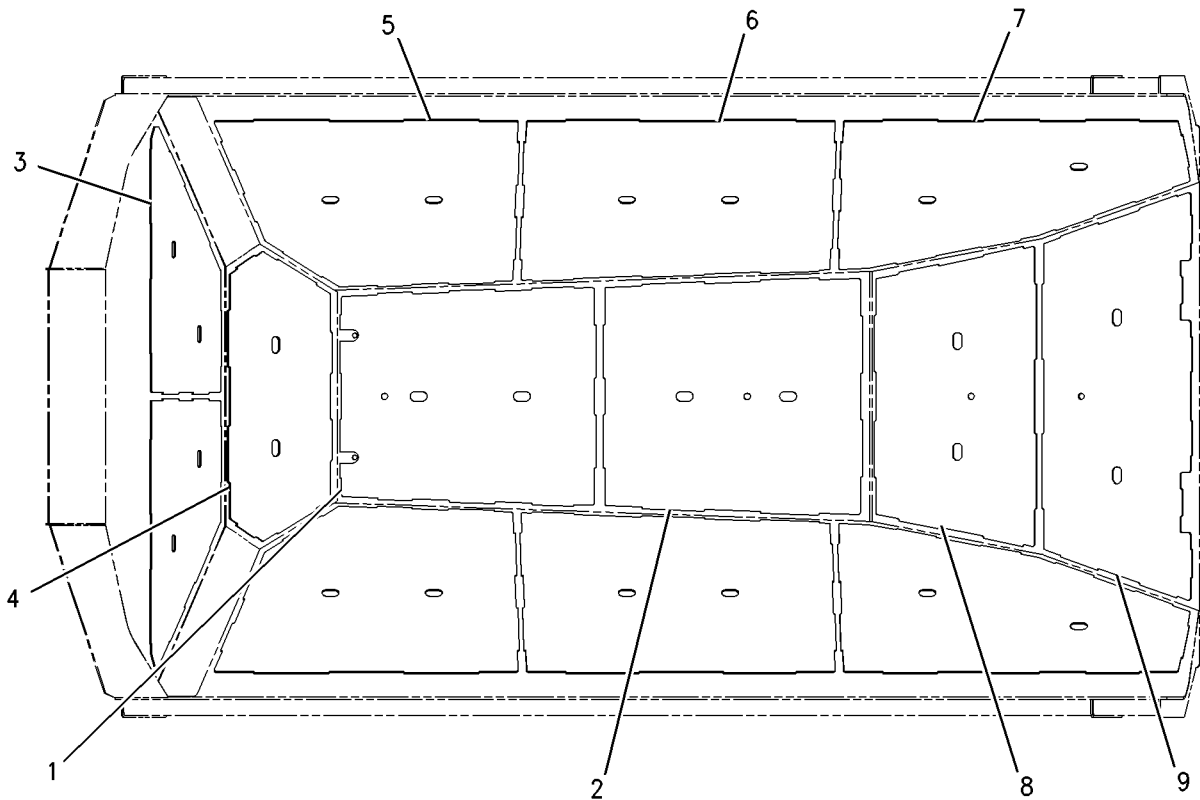
139-0959 LINER GP-BODY

S/N: T4R1-UP
AN ATTACHMENT

SMCS-7269

i01906376

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	143-4001	1	PLATE						
	2	1	143-4002	1	PLATE						
	3	1	143-4005	2	PLATE						
	4	1	143-4006	1	PLATE						
	5	1	143-4007	2	PLATE						
	6	1	143-4008	2	PLATE						
	7	1	143-4009	2	PLATE						
	8	1	233-6950	1	PLATE						
	9	1	233-6951	1	PLATE						



TOP VIEW



GRAPHIC #1

<END>

g00992886

FRAME AND BODY

352-3223 LINES GP-AUTOMATIC LUBRICATION-FRONT

S/N: T4R1-UP

PART OF 352-3221 LUBRICATION AR-AUTOMATIC
AN ATTACHMENT

SMCS-7510, 7540

i04085596

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	177-3463	7	CONNECTOR AS						
					(EACH INCLUDES)						
		1	277-3072	1	NUT (M10X1-THD)						
		1	277-3073	1	FITTING-COMPRESSION						
	2	1	177-3464	4	ELBOW AS						
					(EACH INCLUDES)						
		1	277-3072	1	NUT (M10X1-THD)						
		1	277-3073	1	FITTING-COMPRESSION						
	3	1	177-3475	2	CONNECTOR (REDUCER)						
Y	4	1	254-6753	1	VALVE GP-LUBE DISTRIBUTION (12-INJECTOR)						527
	5	1	268-1354	1	BRACKET (LH)						
	6	1	268-1355	1	BRACKET (RH)						
	7	1	3U-2752	1	CLIP						
M	8	1	5C-7261	4	NUT (M8X1.25-THD)						
	9	1	5P-9085	4	CLIP						
	10	1	6D-4244	1	CLIP						
	11	1	7K-1181	18	STRAP-CABLE						
	12	1	8T-4121	5	WASHER-HARD (11X21X2.5-MM THK)						
M	13	1	8T-4133	2	NUT (M10X1.5-THD)						
M	14	1	8T-4136	1	BOLT (M10X1.5X25-MM)						
M	15	1	8T-4189	4	BOLT (M8X1.25X20-MM)						
M	16	1	8T-4191	1	BOLT (M10X1.5X16-MM)						
M	17	1	8T-4195	1	BOLT (M10X1.5X30-MM)						
	18	1	8T-4224	8	WASHER-HARD (8.8X16X2-MM THK)						

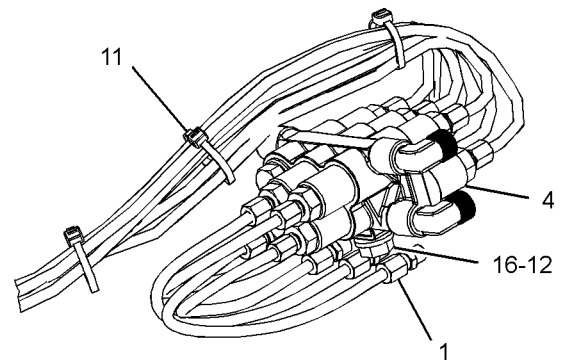
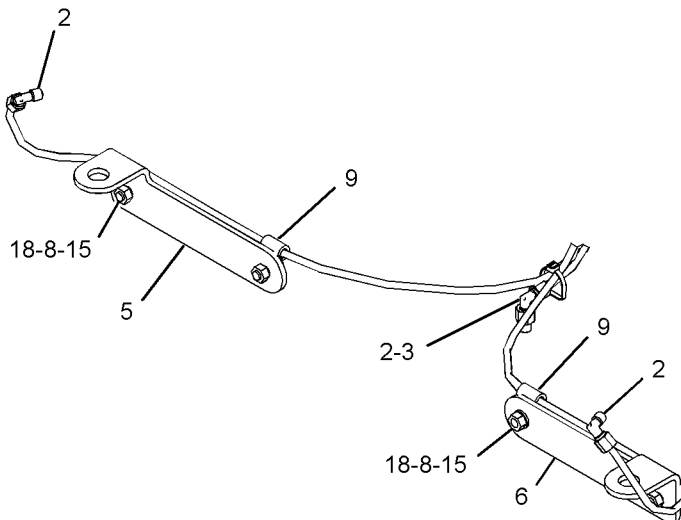
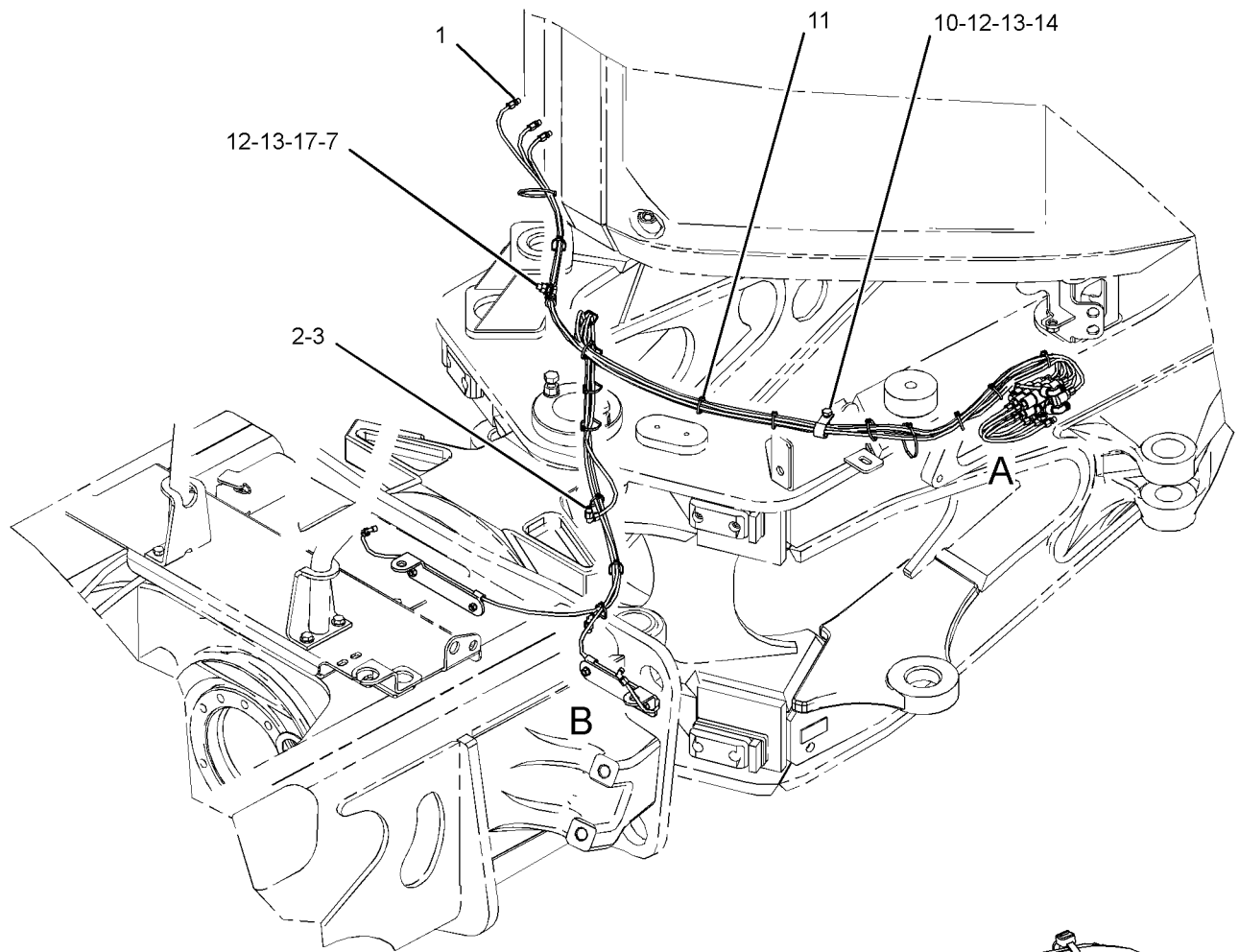
M-METRIC PART

Y-SEPARATE ILLUSTRATION

FRAME AND BODY

352-3223 LINES GP-AUTOMATIC LUBRICATION (contd.)

i04085596



GRAPHIC #1

<END>

g02314353

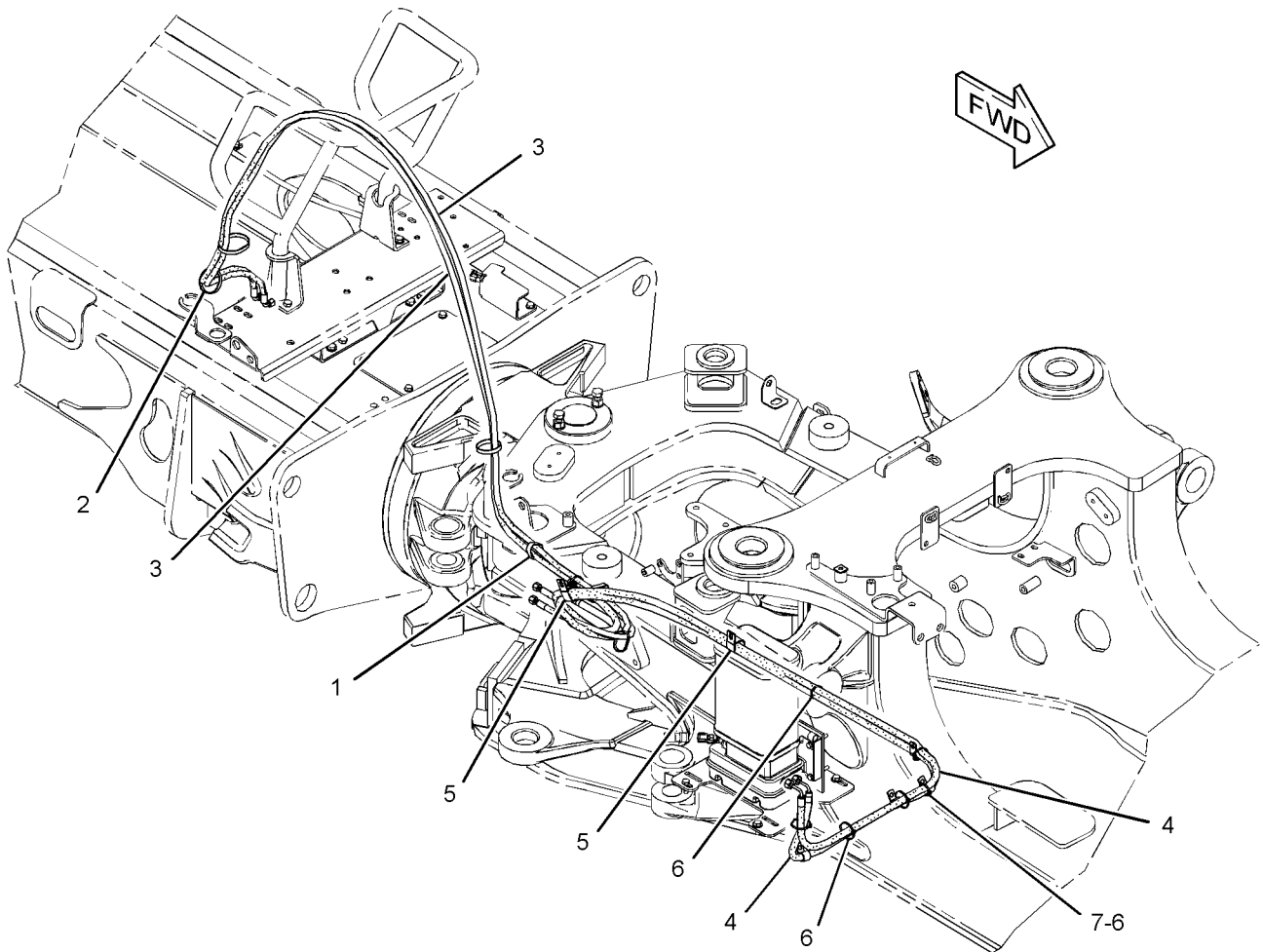
FRAME AND BODY

352-3225 LINES GP-AUTOMATIC LUBRICATION- FRONT, MAIN S/N: T4R1-UP PART OF 352-3221 LUBRICATION AR-AUTOMATIC AN ATTACHMENT

SMCS-7510, 7540

i04085597

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6U-0455	2	STRAP						
	2	1	6U-0456	4	STRAP						
	3	1	255-2213	2	HOSE AS						
	4	1	255-2214	2	HOSE AS						
	5	1	5P-7854	2	CLIP						
	6	1	7K-1181	7	STRAP-CABLE						
	7	1	8M-2773	4	CLIP						



GRAPHIC #1

<END>

g02314813

FRAME AND BODY

352-3228 LINES GP-AUTOMATIC LUBRICATION-REAR

S/N: T4R1-UP

PART OF 355-0491, 355-1389 LUBRICATION AR-AUTOMATIC
AN ATTACHMENT

SMCS-7510, 7540

i04280454

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	352-3229	1	LINES	GP-AUTOMATIC	LUBRICATION	(REAR,	MAIN)	498	
Y	352-3230	1	LINES	GP-AUTOMATIC	LUBRICATION	(FRONT)		499	
Y	352-3231	1	VALVE	GP-LUBE	DISTRIBUTION	(7-INJECTOR,	REAR)	530	
Y-SEPARATE ILLUSTRATION									

<END>

FRAME AND BODY

352-3229 LINES GP-AUTOMATIC LUBRICATION-REAR, MAIN

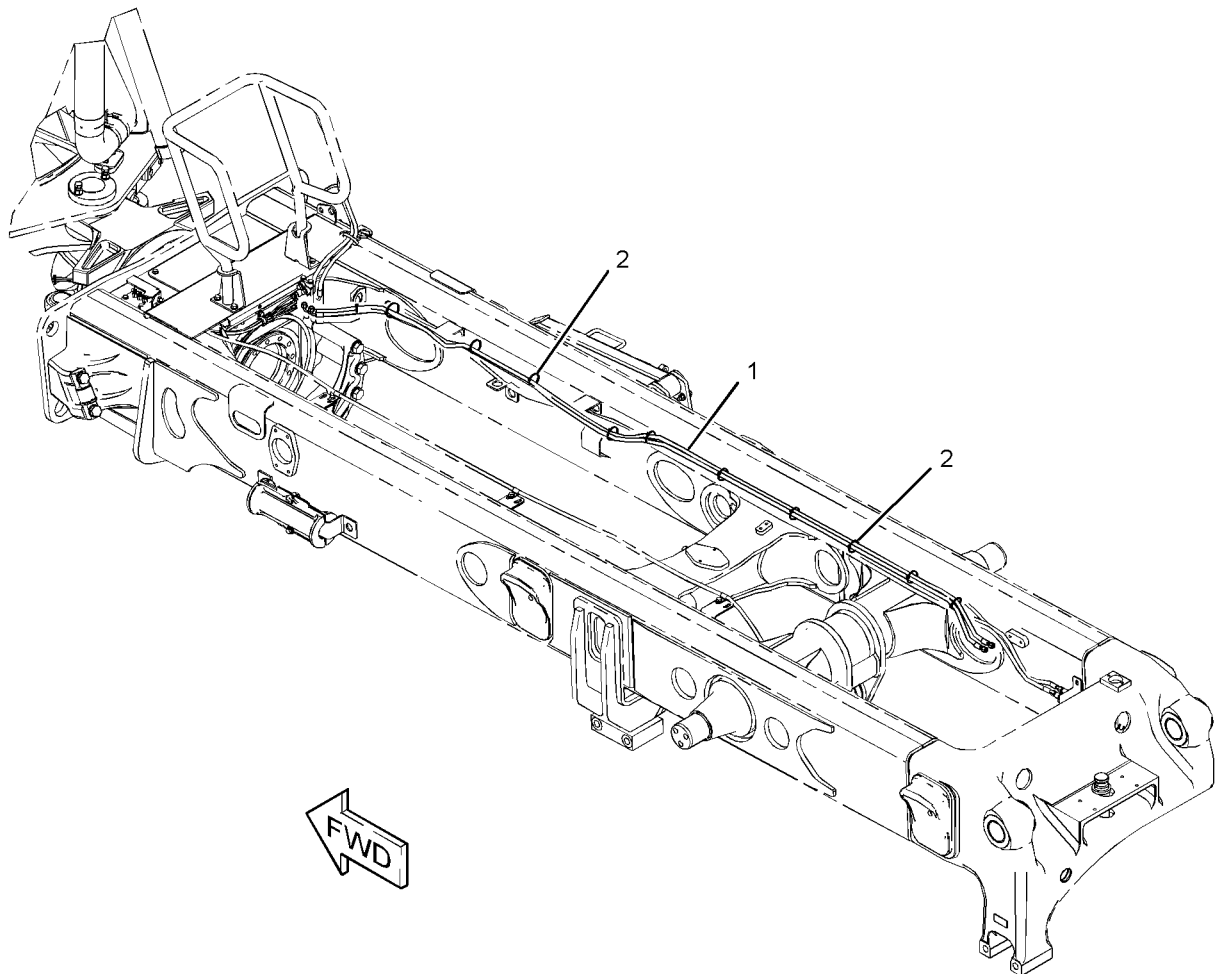
S/N: T4R1-UP

PART OF 352-3228 LINES GP-AUTOMATIC LUBRICATION
AN ATTACHMENT

SMCS-7510, 7540

i04085611

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	255-2212	2	HOSE AS						
	2	1	7K-1181	11	STRAP - CABLE						



GRAPHIC #1

<END>

g02314033

FRAME AND BODY

352-3230 LINES GP-AUTOMATIC LUBRICATION-FRONT

S/N: T4R1-UP

PART OF 352-3228 LINES GP-AUTOMATIC LUBRICATION
AN ATTACHMENT

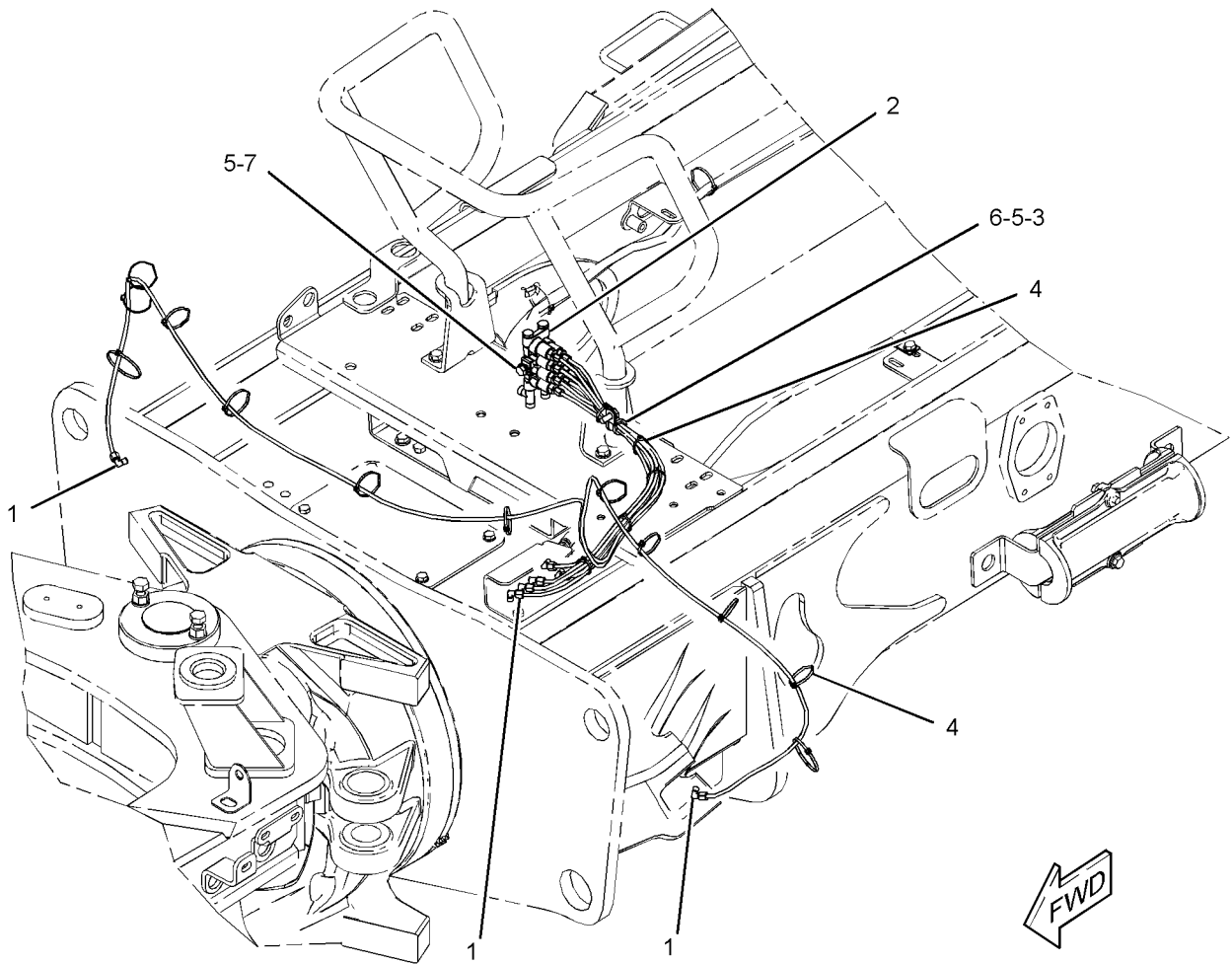
SMCS-7510, 7540

i04085612

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	177-3464	7	ELBOW AS						
					(EACH INCLUDES)						
		1	277-3072	1	NUT (M10X1-THD)						
		1	277-3073	1	FITTING-COMPRESSION						
Y	2	1	254-6756	1	VALVE GP-LUBE DISTRIBUTION (REAR, 7-INJECTOR)						528
	3	1	3U-2754	1	CLIP						
	4	1	7K-1181	17	STRAP-CABLE						
	5	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
M	6	1	8T-4136	1	BOLT (M10X1.5X25-MM)						
M	7	1	8T-4191	1	BOLT (M10X1.5X16-MM)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02315717

FRAME AND BODY

352-3232 LINES GP-AUTOMATIC LUBRICATION-FRONT

S/N: T4R1-UP

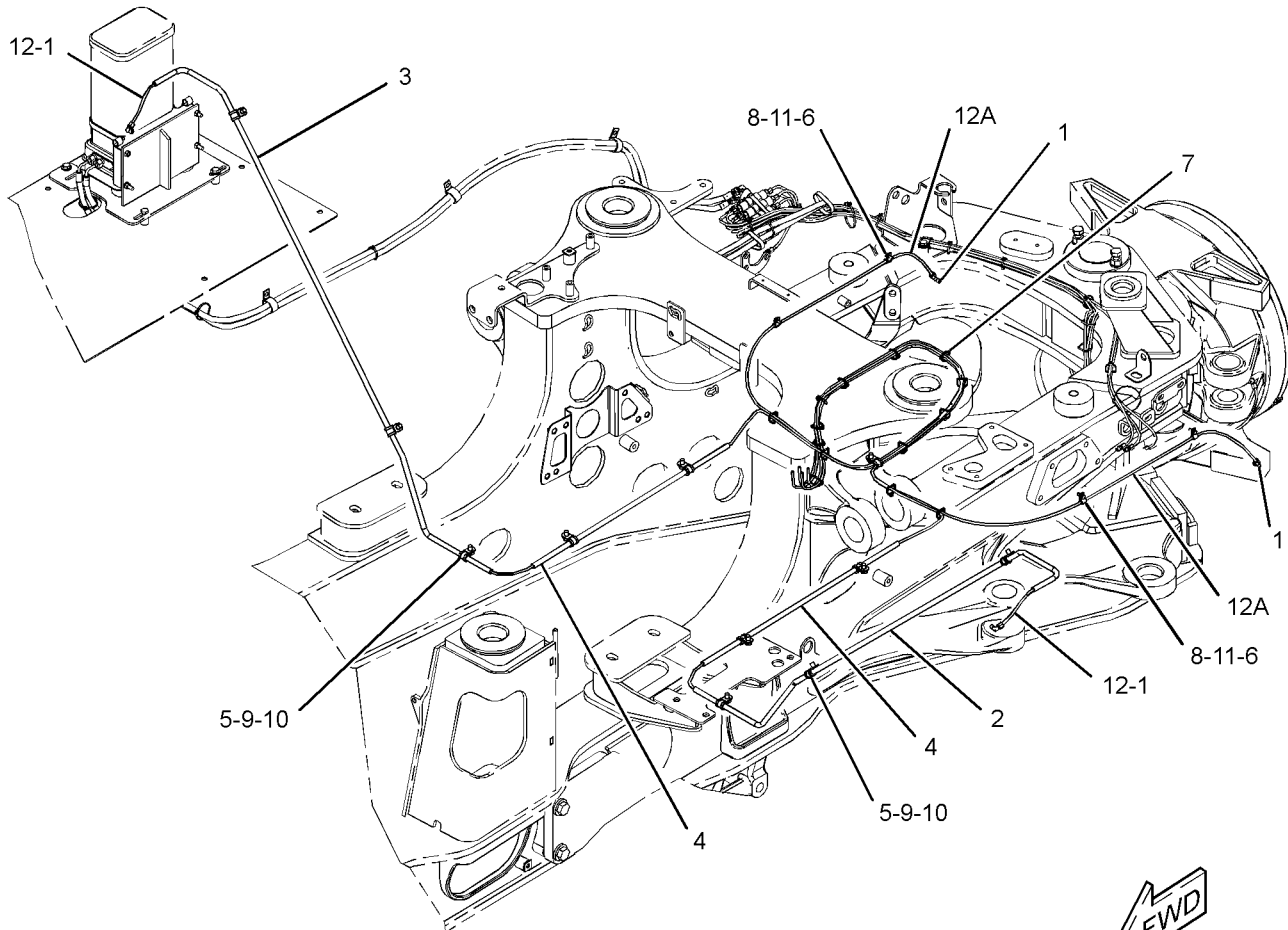
PART OF 355-0491 LUBRICATION AR-AUTOMATIC
AN ATTACHMENT

SMCS-7510, 7540

i04280456

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	177-3464	4	ELBOW AS						
					(EACH INCLUDES)						
		1	277-3072	1	NUT (M10X1-THD)						
		1	277-3073	1	FITTING-COMPRESSION						
	2	1	252-9819	1	TUBE						
	3	1	252-9820	1	TUBE						
	4	1	263-1948	2	TUBE						
	5	1	3U-2752	11	CLIP						
M	6	1	5C-9553	4	BOLT (M6X1X16-MM)						
	7	1	7K-1181	14	STRAP-CABLE						
	8	1	8M-2771	4	CLIP						
	9	1	8T-4121	11	WASHER-HARD (11X21X2.5-MM THK)						
M	10	1	8T-4191	11	BOLT (M10X1.5X16-MM)						
	11	1	9X-8256	4	WASHER (6.6X12X2-MM THK)						
E	12	1	161-9030		HOSE (520-CM EACH)						
E	12A	1	161-9030		HOSE (360-CM EACH)						

E-ORDER BY THE CENTIMETER
M-METRIC PART



GRAPHIC #1

<END>

g02314502

FRAME AND BODY

311-2327 LINES GP-CENTRAL LUBRICATION

S/N: T4R1-UP

PART OF 355-1389 LUBRICATION AR-AUTOMATIC
AN ATTACHMENT

SMCS-7510, 7540

i03922770

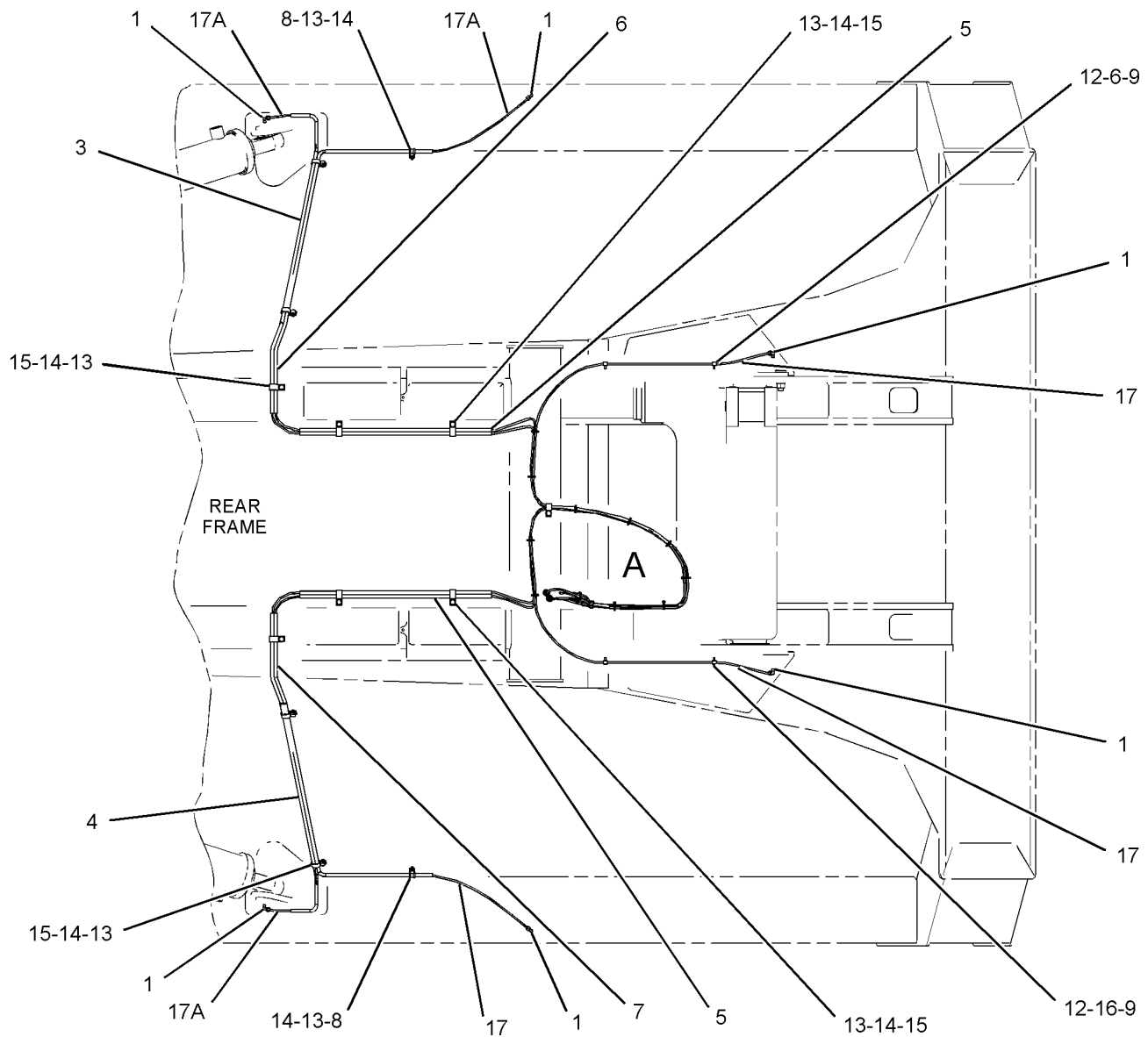
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	177-3464	6	ELBOW AS						
					(EACH INCLUDES)						
		1	277-3072	1	NUT (M10X1-THD)						
		1	277-3073	1	FITTING-COMPRESSION						
	2	1	221-1585	2	INJECTOR AS-GREASE (NO. 8.5) (DOSER)						
					(EACH INCLUDES)						
		1	277-3072	1	NUT (M10X1-THD)						
		1	277-3073	1	FITTING-COMPRESSION						
	3	1	252-9819	1	TUBE (LH)						
	4	1	252-9820	1	TUBE (RH)						
	5	1	263-1948	4	TUBE						
	6	1	311-1717	1	TUBE						
	7	1	311-1718	1	TUBE						
	8	1	3U-2752	2	CLIP						
M	9	1	5C-9553	4	BOLT (M6X1X16-MM)						
	10	1	6D-4246	1	CLIP						
	11	1	7K-1181	14	STRAP-CABLE						
	12	1	8M-2771	4	CLIP						
	13	1	8T-4121	13	WASHER-HARD (11X21X2.5-MM THK)						
M	14	1	8T-4191	13	BOLT (M10X1.5X16-MM)						
	15	1	9M-4995	10	CLIP						
	16	1	9X-8256	4	WASHER (6.6X12X2-MM THK)						
E	17	1	161-9030		HOSE (360-CM EACH)						
E	17A	1	161-9030		HOSE (520-CM EACH)						

E-ORDER BY THE CENTIMETER
M-METRIC PART

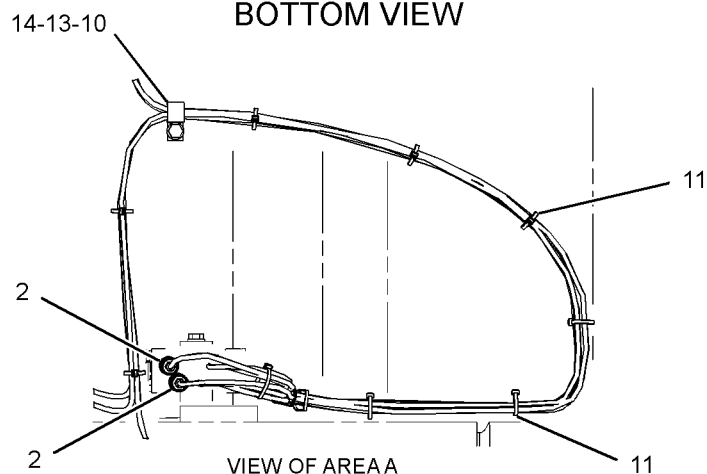
FRAME AND BODY

311-2327 LINES GP-CENTRAL LUBRICATION (contd.)

i03922770



BOTTOM VIEW



VIEW OF AREA A

<END>

GRAPHIC #1

g02203473

FRAME AND BODY

291-8944 LINES GP-GREASE

S/N: T4R1-UP

NON-ENGINE END

PART OF 330-9006 CHASSIS AR

SMCS-7510

i03982077

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3B-8485	5	FITTING-GREASE						
	2	1	4U-1697	5	ADAPTER-BULKHEAD						
	3	1	5B-3254	5	NUT-JAM (7/16-20-THD)						
	4	1	5U-7151	5	CAP-GREASE						
	5	1	153-8341	1	PLATE-COVER						
I	6	1	159-3122	1	HOSE AS						
	7	1	159-7192	1	BRACKET						
I	8	1	193-7864	3	HOSE AS						
I	9	1	241-8802	1	HOSE AS						
	10	1	124-0174	4	CLIP						
	11	1	5P-4479	3	ELBOW (FLARED-LONG)						
	12	1	7K-9197	1	ELBOW						
	13	1	8L-6557	2	CONNECTOR						
	14	1	8T-4121	13	WASHER-HARD (11X21X2.5-MM THK)						
M	15	1	8T-4133	3	NUT (M10X1.5-THD)						
M	16	1	8T-4137	1	BOLT (M10X1.5X20-MM)						
M	17	1	8T-4195	9	BOLT (M10X1.5X30-MM)						

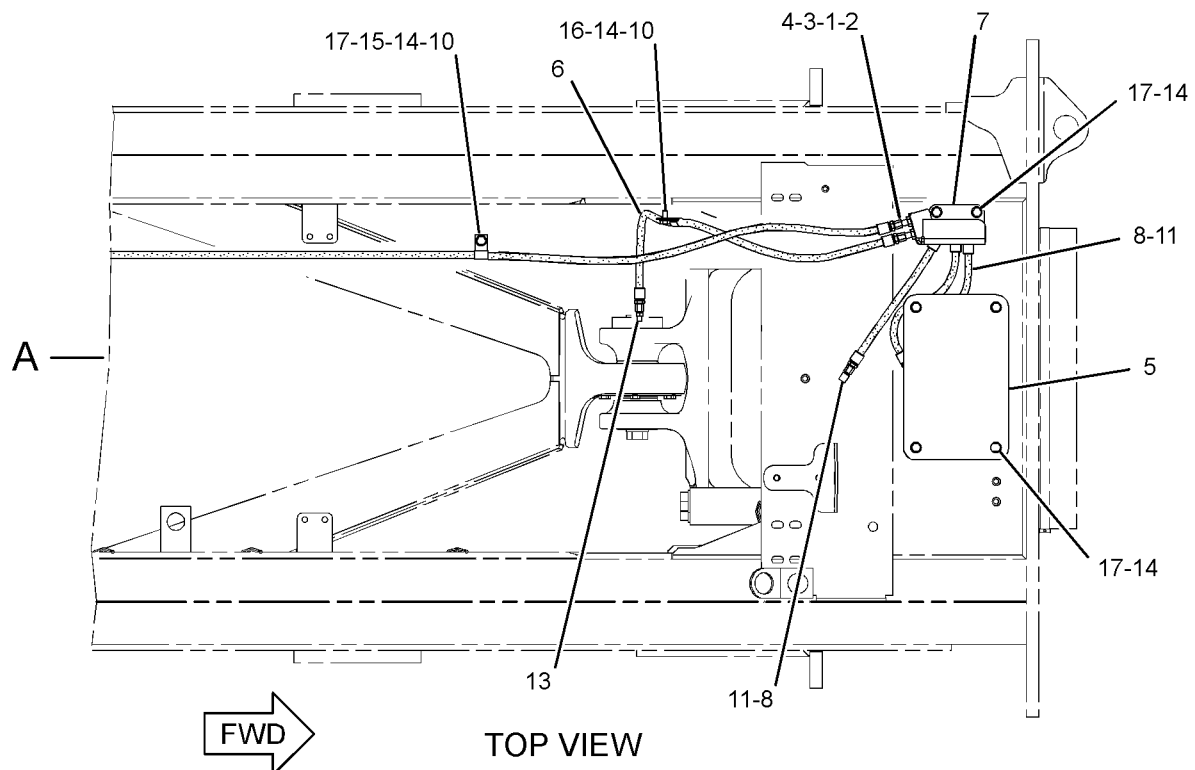
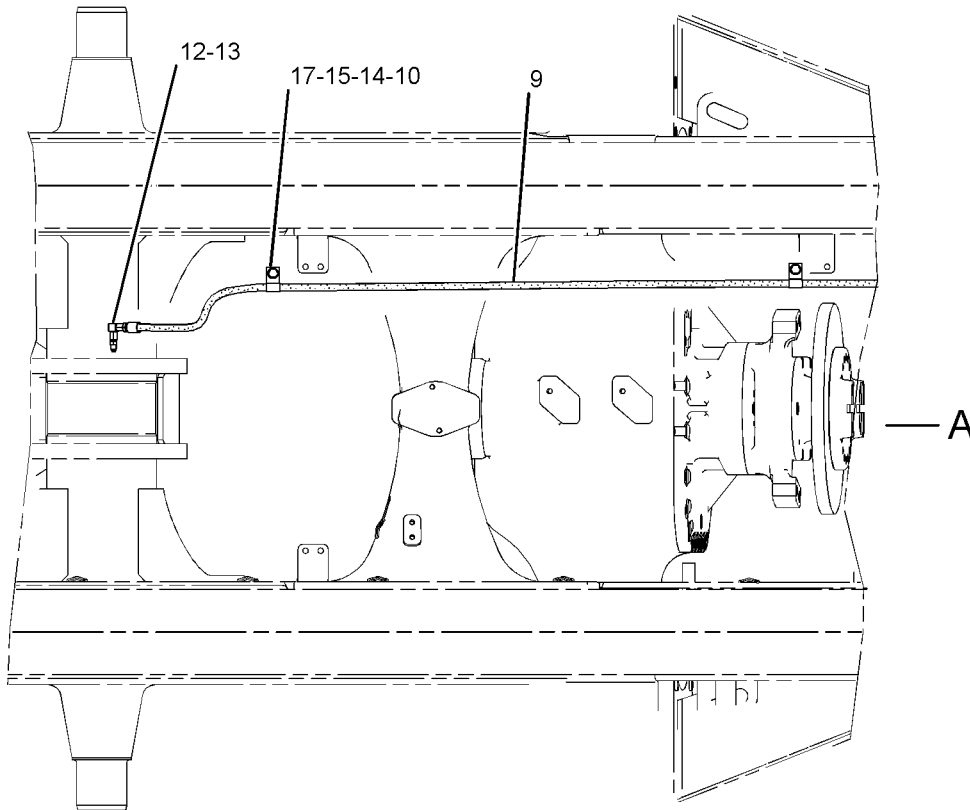
I-REFER TO HYDRAULIC INFORMATION SYSTEM

M-METRIC PART

FRAME AND BODY

291-8944 LINES GP-GREASE (contd.)

i03982077



TOP VIEW

<END>

GRAPHIC #1

g02170082

FRAME AND BODY

339-1784 LINES GP-GREASE-ENGINE END

S/N: T4R1-UP

PART OF 330-9006 CHASSIS AR

SMCS-7510

i04171545

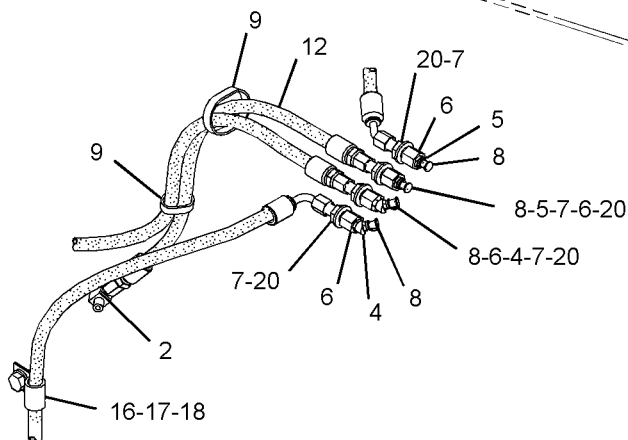
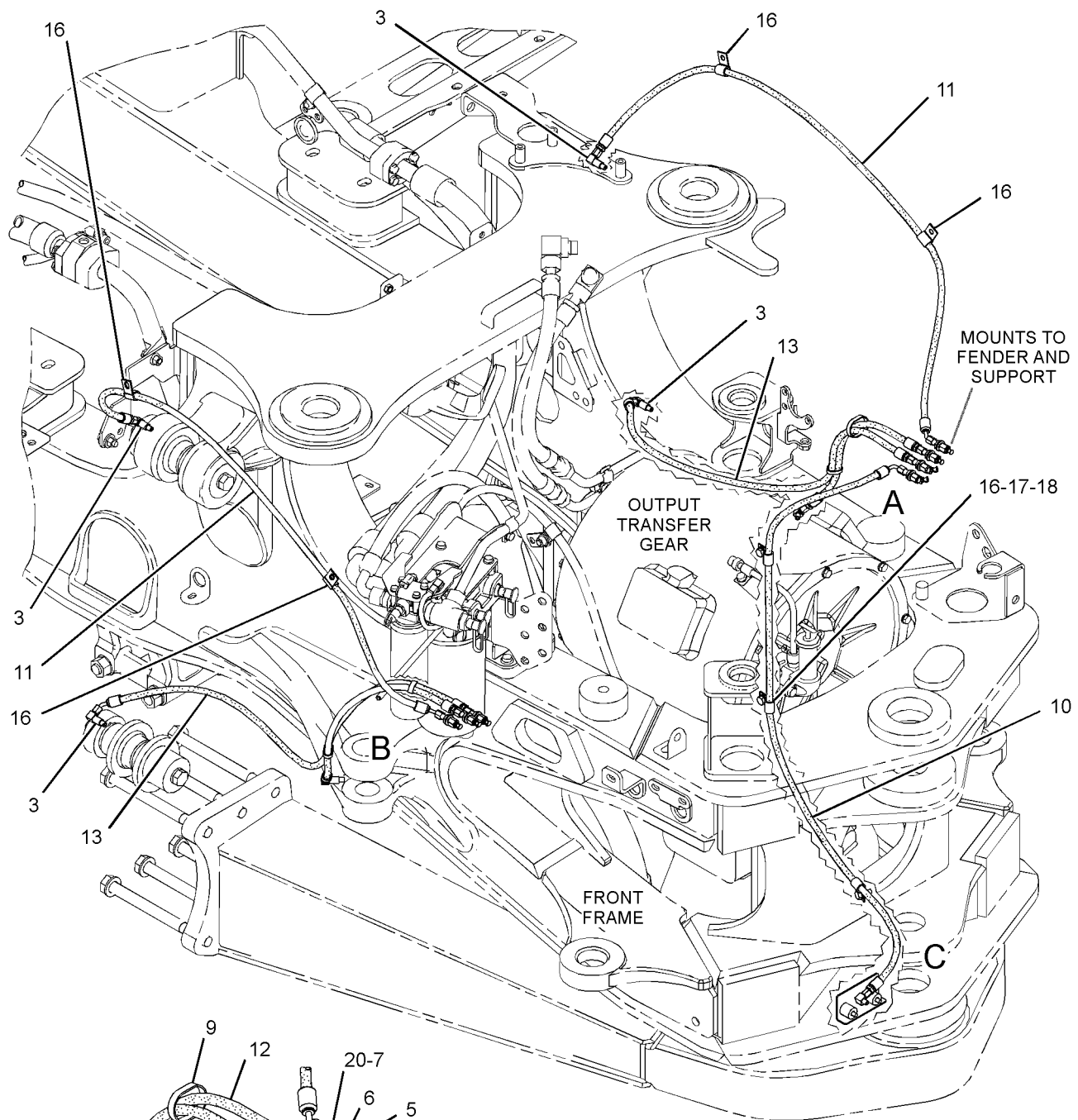
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	1B-4971	2	SPACER (0.406X1X1-IN THK)	
	2	1,2	2N-1287	2	ELBOW-FLARED	
	3	1,2	2U-4132	5	ELBOW	
	4	1	3B-8485	2	FITTING-GREASE	
	5	1,2	3B-8489	5	FITTING-GREASE	
	6	1,2	4U-1697	7	ADAPTER-BULKHEAD	
	7	1,2	5B-3254	7	NUT-JAM (7/16-20-THD)	
	8	1,2	5U-7151	7	CAP-GREASE	
	9	1,2	6U-0455	4	STRAP	
I	10	1	195-3641	1	HOSE AS	
I	11	1,2	195-3642	2	HOSE AS	
I	12	1	195-3643	2	HOSE AS	
I	13	1	225-8819	2	HOSE AS	
	14	2	354-0480	1	PLATE	
M	15	2	099-3649	2	BOLT (M8X1.25X40-MM)	
	16	1,2	6D-3479	7	CLIP	
	17	1,2	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)	
M	18	1,2	8T-4136	3	BOLT (M10X1.5X25-MM)	
	19	2	8T-4224	2	WASHER-HARD (8.8X16X2-MM THK)	
	20	1,2	8T-5360	7	WASHER (12X22.5X2.5-MM THK)	

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART

FRAME AND BODY

339-1784 LINES GP-GREASE (contd.)

i04171545



VIEW OF AREA A

GRAPHIC #1

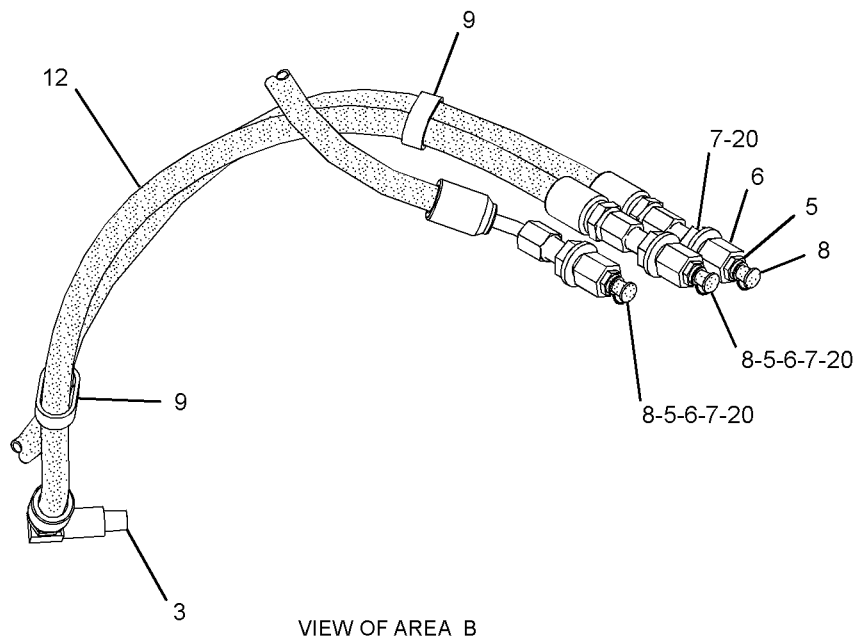
REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

g02404201

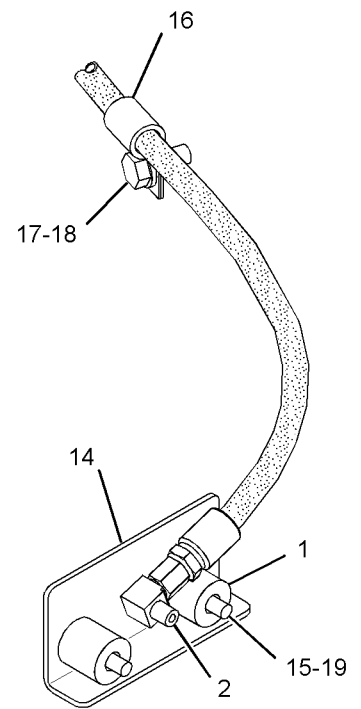
FRAME AND BODY

339 - 1784 LINES GP-GREASE (contd.)

i04171545



VIEW OF AREA B



VIEW OF AREA C

g02404656

GRAPHIC #2

<END>

FRAME AND BODY

236-4389 LINK GP-STEERING FRAME LOCK

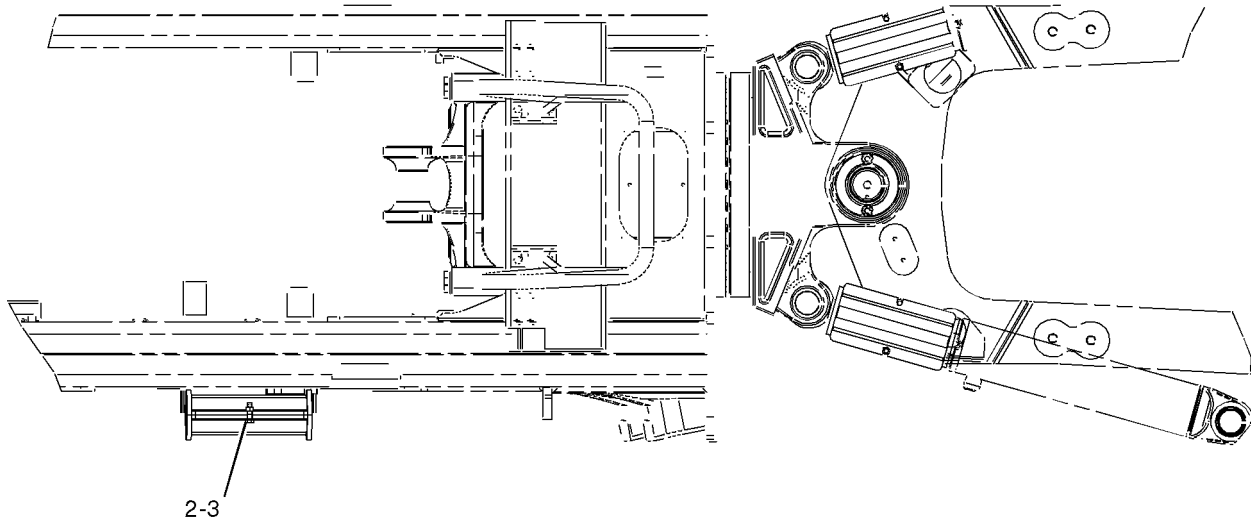
S/N: T4R1-UP

PART OF 330-9006 CHASSIS AR

SMCS-7506

i01933009

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	236-5879	4	PLATE AS						
					(EACH INCLUDES)						
M		1	6V-8149	1	NUT (M12X1.75-THD)						
M	2	1	8T-4184	4	BOLT (M12X1.75X45-MM)						
	3	1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)						
M-METRIC PART											



TOP VIEW
<END>

GRAPHIC #1

g01006688

FRAME AND BODY

352-3221 LUBRICATION AR-AUTOMATIC-7-INJECTOR, REAR

S/N: T4R1-UP

PART OF 355-0491, 355-1389 LUBRICATION AR-AUTOMATIC
AN ATTACHMENT

SMCS-7540

i04085591

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	352-3223	1	LINES	GP-AUTOMATIC	LUBRICATION	(FRONT)			494
Y	352-3225	1	LINES	GP-AUTOMATIC	LUBRICATION	(FRONT, MAIN)			496
Y	352-3219	1	PUMP & MTG	GP-LUBRICATION					513
Y-SEPARATE ILLUSTRATION									

<END>

355-0491 LUBRICATION AR-AUTOMATIC

S/N: T4R1-UP

AN ATTACHMENT

SMCS-7540

i04280469

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	352-3228	1	LINES GP-AUTOMATIC LUBRICATION (REAR)						497
Y	352-3232	1	LINES GP-AUTOMATIC LUBRICATION (FRONT)						500
Y	352-3221	1	LUBRICATION AR-AUTOMATIC (7-INJECTOR, REAR)						509
Y-SEPARATE ILLUSTRATION									

<END>

355-1389 LUBRICATION AR-AUTOMATIC

S/N: T4R1-UP

AN ATTACHMENT

SMCS-7540

i04280470

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	352-3228	1	LINES GP-AUTOMATIC LUBRICATION (REAR)						497
Y	311-2327	1	LINES GP-CENTRAL LUBRICATION						501
Y	352-3221	1	LUBRICATION AR-AUTOMATIC (7-INJECTOR, REAR)						509
Y-SEPARATE ILLUSTRATION									

<END>

FRAME AND BODY

332-3833 PANEL GP-FENDER-FRONT, LH

S/N: T4R1-UP

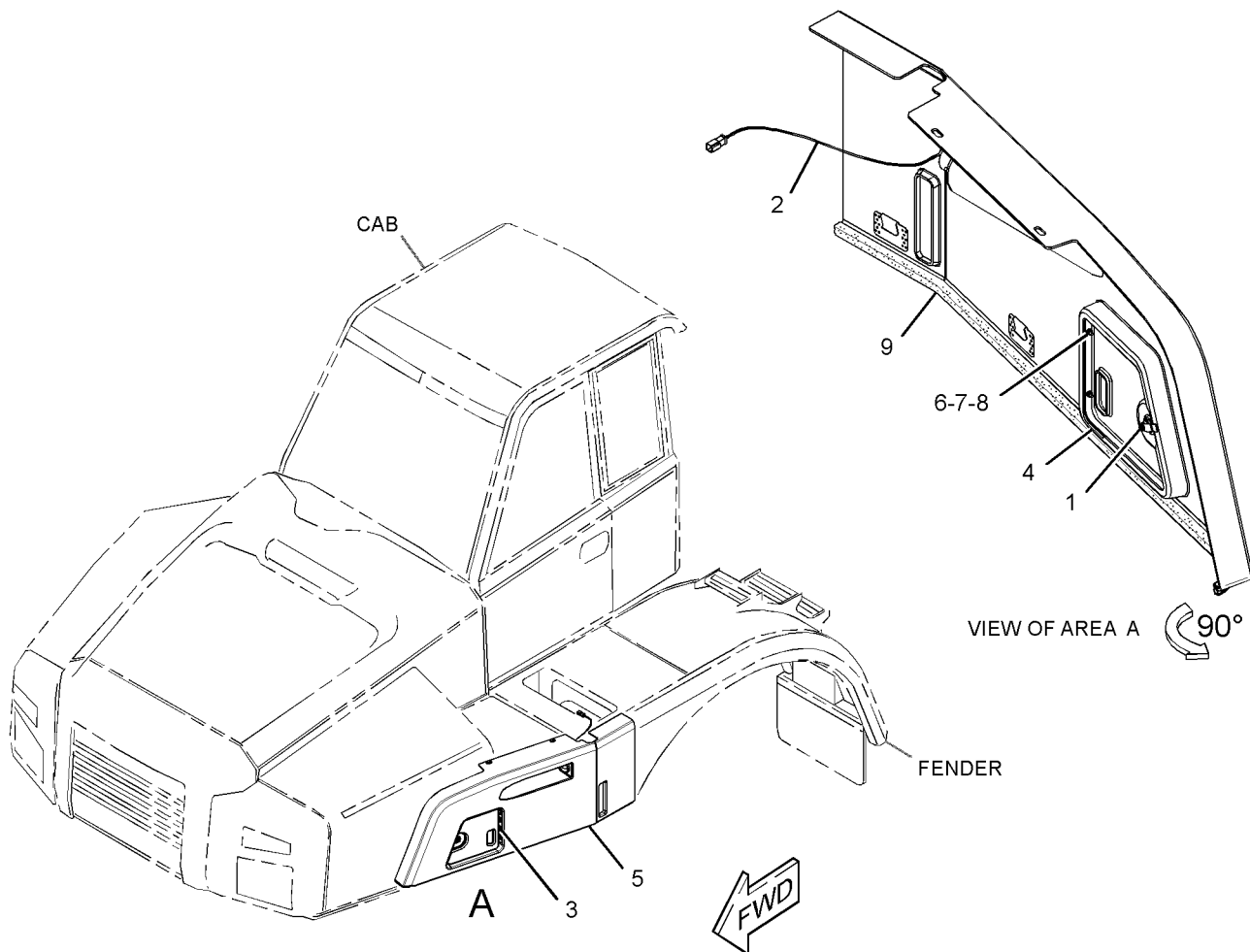
PART OF 363-8613 FENDER GP

SMCS-7252

i04169631

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	187-6156	1	LATCH AS						
	2	1	337-7223	1	LAMP GP-MARKER (24-VOLT, CLEAR)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES REPTACLE AS & WEDGE)						
		1	130-3565	1	LAMP (24-VOLT)						
		1	8T-8729	2	PIN-CONNECTOR (16-GA TO 18-GA)						
	3	1	359-9501	1	HINGE AS						
	4	1	360-0593	1	DOOR (LH)						
	5	1	360-1976	1	PANEL AS						
		1	360-1980	3	CLIP						
		1	364-8124	1	PLATE AS						
M		1	8T-4130	2	STUD (M6X1X18-MM)						
M	6	1	6V-7743	4	LOCKNUT (M6X1-THD)						
M	7	1	8T-4138	4	BOLT (M6X1X20-MM)						
	8	1	9X-8256	8	WASHER (6.6X12X2-MM THK)						
D	9	1	257-7097		SEAL (1.6-M)						

D-ORDER BY THE METER
M-METRIC PART



GRAPHIC #1

<END>

g02420016

FRAME AND BODY

332-3843 PANEL GP-FENDER-FRONT, RH

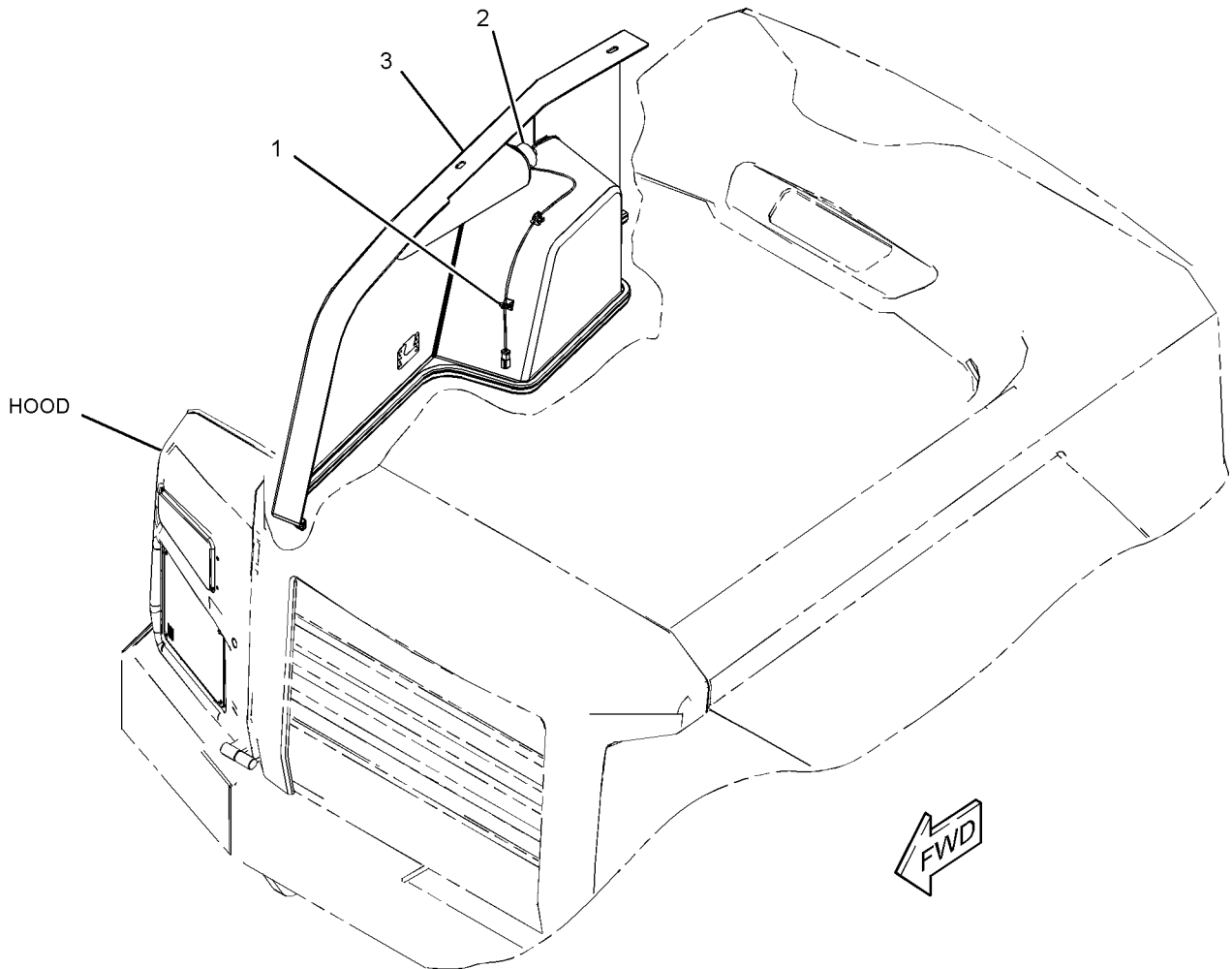
S/N: T4R1-UP

PART OF 363-8613 FENDER GP

SMCS-7252

i04171483

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	2	STRAP-CABLE						
	2	1	337-7223	1	LAMP GP-MARKER (24-VOLT, CLEAR)						
		1	8T-8729	2	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	130-3565	1	LAMP (24-VOLT)						
	3	1	360-1977	1	PANEL AS						
		1	360-1980	3	CLIP						
M		1	8T-4130	2	STUD (M6X1X18-MM)						
M-METRIC PART											



GRAPHIC #1

<END>

g02391407

FRAME AND BODY

291-8948 PIN GP-HITCH

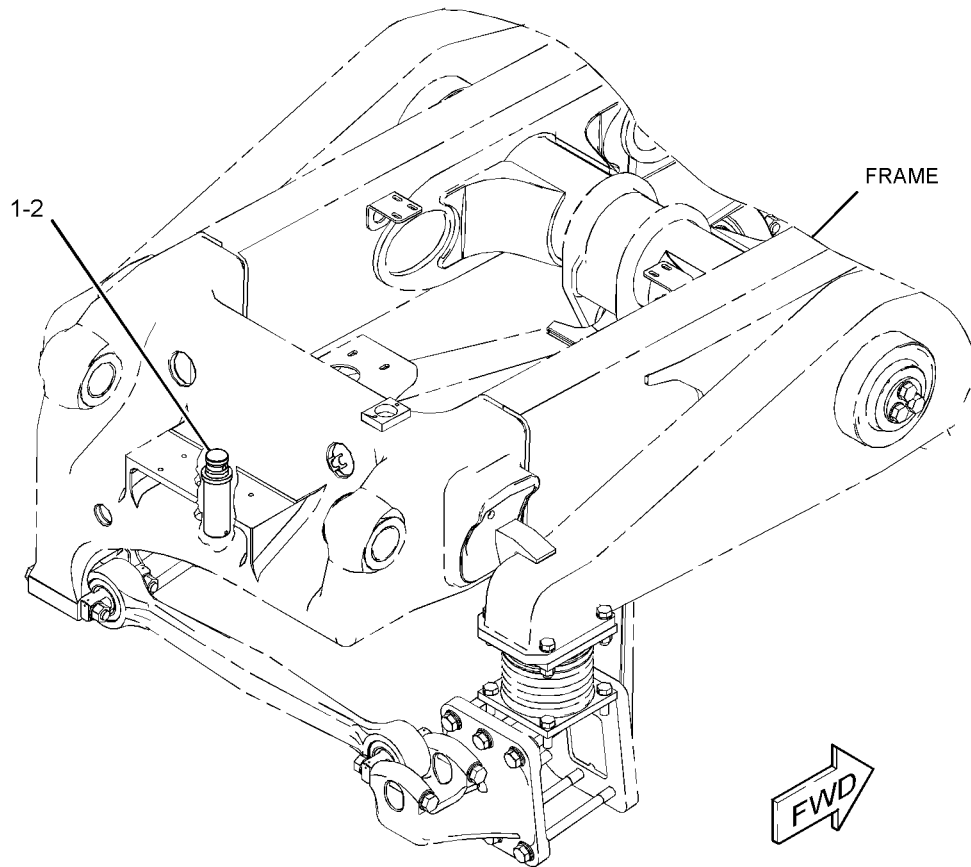
S/N: T4R1-UP

PART OF 330-9006 CHASSIS AR

SMCS-7057

i04169626

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	151-7854	1	PIN AS						
	2	1	180-5731	1	PIN-SPRING						



GRAPHIC #1

<END>

g02375456

FRAME AND BODY

352-3219 PUMP & MTG GP-LUBRICATION

S/N: T4R1-UP

PART OF 352-3221 LUBRICATION AR-AUTOMATIC
AN ATTACHMENT

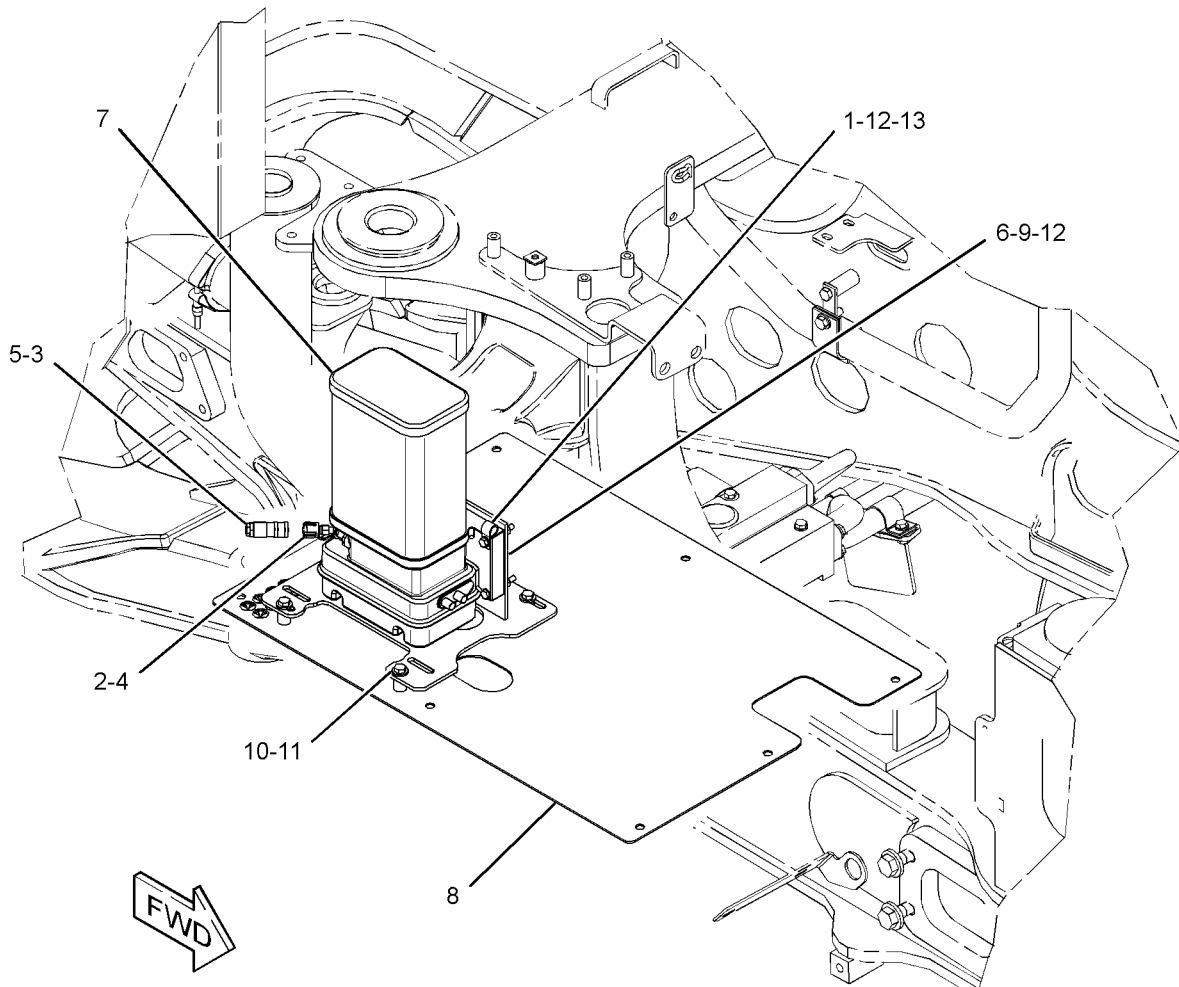
SMCS-7540

i04280473

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	177-3458	2	CLAMP						
	2	1	221-1577	1	COUPLER AS-QUICK CONNECT (MALE)						
	3	1	221-1578	1	COUPLER AS-QUICK CONNECT (FEMALE)						
	4	1	221-1579	1	CAP-DUST						
	5	1	258-5153	1	COUPLING						
	6	1	315-8133	1	BRACKET						
Y	7	1	343-1849	1	PUMP GP-LUBRICATION						514
	8	1	353-2129	1	PLATE AS-TREAD						
M		1	9R-2613	4	BOSS-WELD (M10X1.5X25-MM)						
M	9	1	5C-7261	4	NUT (M8X1.25-THD)						
	10	1	7X-7729	4	WASHER (11X25X3-MM THK)						
M	11	1	8T-4195	4	BOLT (M10X1.5X30-MM)						
	12	1	8T-4224	8	WASHER-HARD (8.8X16X2-MM THK)						
M	13	1	8T-6869	4	BOLT (M8X1.25X60-MM)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02314174

FRAME AND BODY

343-1849 PUMP GP-LUBRICATION

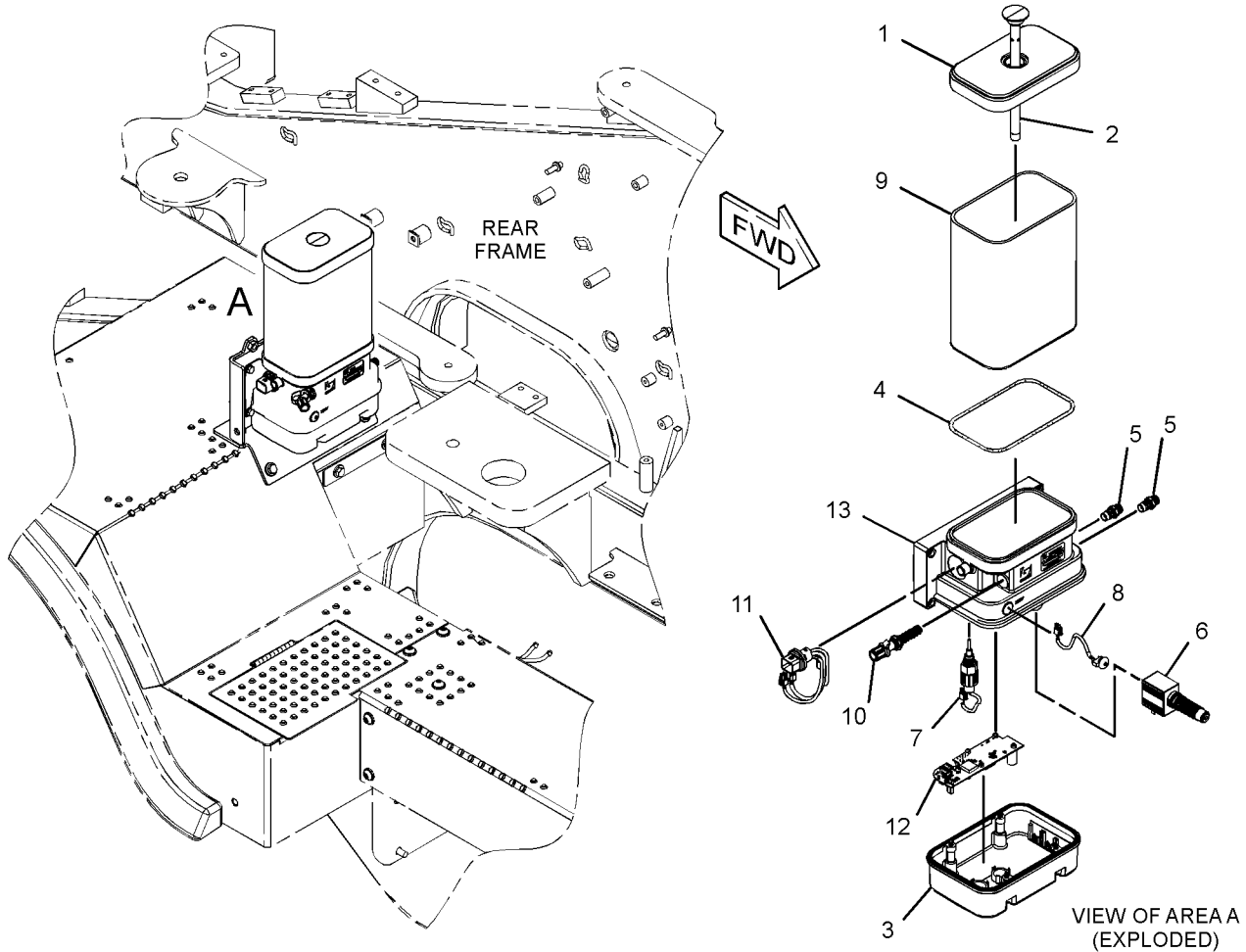
S/N: T4R1-UP

PART OF 352-3219 PUMP & MTG GP-LUBRICATION
AN ATTACHMENT

SMCS-7516, 7540

i04243829

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	196-1047	1	COVER GP (TANK)						
	2	1	196-1049	1	GUIDE ROD						
	3	1	196-1053	1	COVER GP (PROTECTIVE)						
	4	1	196-1056	1	SEAL-O-RING						
	5	1	196-1070	2	CONNECTOR						
	6	1	355-2254	1	VALVE AS						
	7	1	355-2255	1	SENSOR AS-LIQUID LEVEL (LUBRICATION PUMP)						
	8	1	355-2260	1	SWITCH AS-PUSH BUTTON (LUBRICATION PUMP)						
	9	1	355-2265	1	TANK AS-LUBRICATION						
	10	1	372-0497	1	FILTER (LUBRICATION PUMP)						
	11	1	372-0498	1	HARNESS AS-PUMP						
	12	1	372-0499	1	BOARD AS-CIRCUIT						
	13	1	372-0501	1	PUMP-LUBRICATION						



GRAPHIC #1

<END>

g02428779

FRAME AND BODY

328-5175 STEP GP

S/N: T4R1-UP

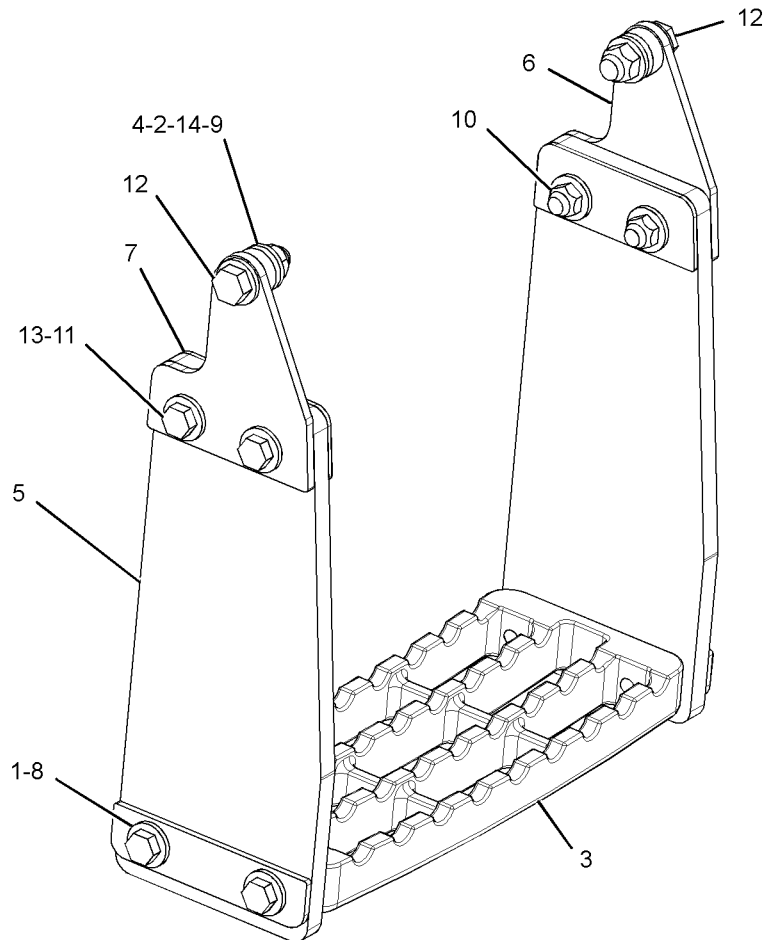
PART OF 291-8689 INSTALLATION AR-MACHINE

SMCS-7254

i03654991

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7W-6333	16	SPACER (10.5X20X10.7-MM THK)						
	2	1	194-9625	4	WASHER-HARD (13.5X18X4-MM THK)						
	3	1	239-5015	2	STEP						
	4	1	265-9596	4	WASHER-HARD (13.5X30X9-MM THK)						
	5	1	328-5177	4	SUPPORT-STEP (RUBBER)						
	6	1	328-5178	4	PLATE						
	7	1	328-5179	4	PLATE						
	8	1	328-5180	4	PLATE						
M	9	1	6V-7687	4	LOCKNUT (M12X1.75-THD)						
M	10	1	6V-7744	8	LOCKNUT (M10X1.5-THD)						
	11	1	7X-7729	24	WASHER (11X25X3-MM THK)						
M	12	1	8T-4183	4	BOLT (M12X1.75X40-MM)						
M	13	1	8T-4186	16	BOLT (M10X1.5X40-MM)						
	14	1	8T-4223	8	WASHER-HARD (13.5X25.5X3-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01790813

FRAME AND BODY

180-9407 STOP GP-STEERING

S/N: T4R1-UP

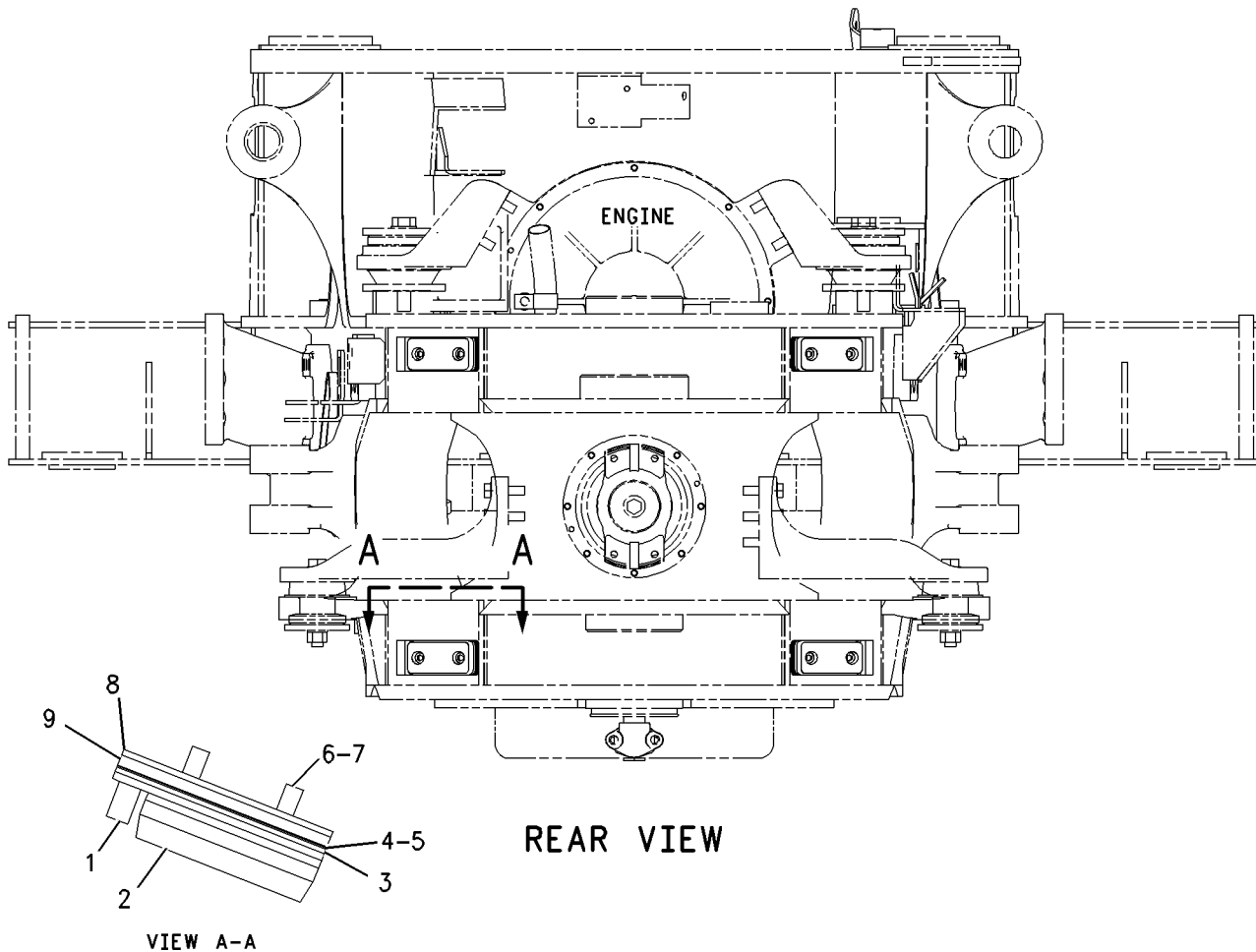
PART OF 330-9006 CHASSIS AR

SMCS-7188

i03488581

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	180-9408	4	PLATE AS						
	2	1	180-9411	4	PAD						
B	3	1	180-9412	4	SHIM (3-MM THK)						
B	4	1	180-9413	8	SHIM (1-MM THK)						
B	5	1	180-9414	8	SHIM (0.5-MM THK)						
	6	1	5C-8815	8	WASHER (13X20X2.5-MM THK)						
M	7	1	101-7397	8	BOLT-SOCKET HEAD (M12X1.75X50-MM)						
B	8	1	213-9782	4	SHIM (15-MM THK)						
B	9	1	214-1541	4	SHIM (10-MM THK)						

B-USE AS REQUIRED
M-METRIC PART



GRAPHIC #1

<END>

g00850112

FRAME AND BODY

357-2050 SUPPORT GP-HITCH LINES

S/N: T4R1-UP

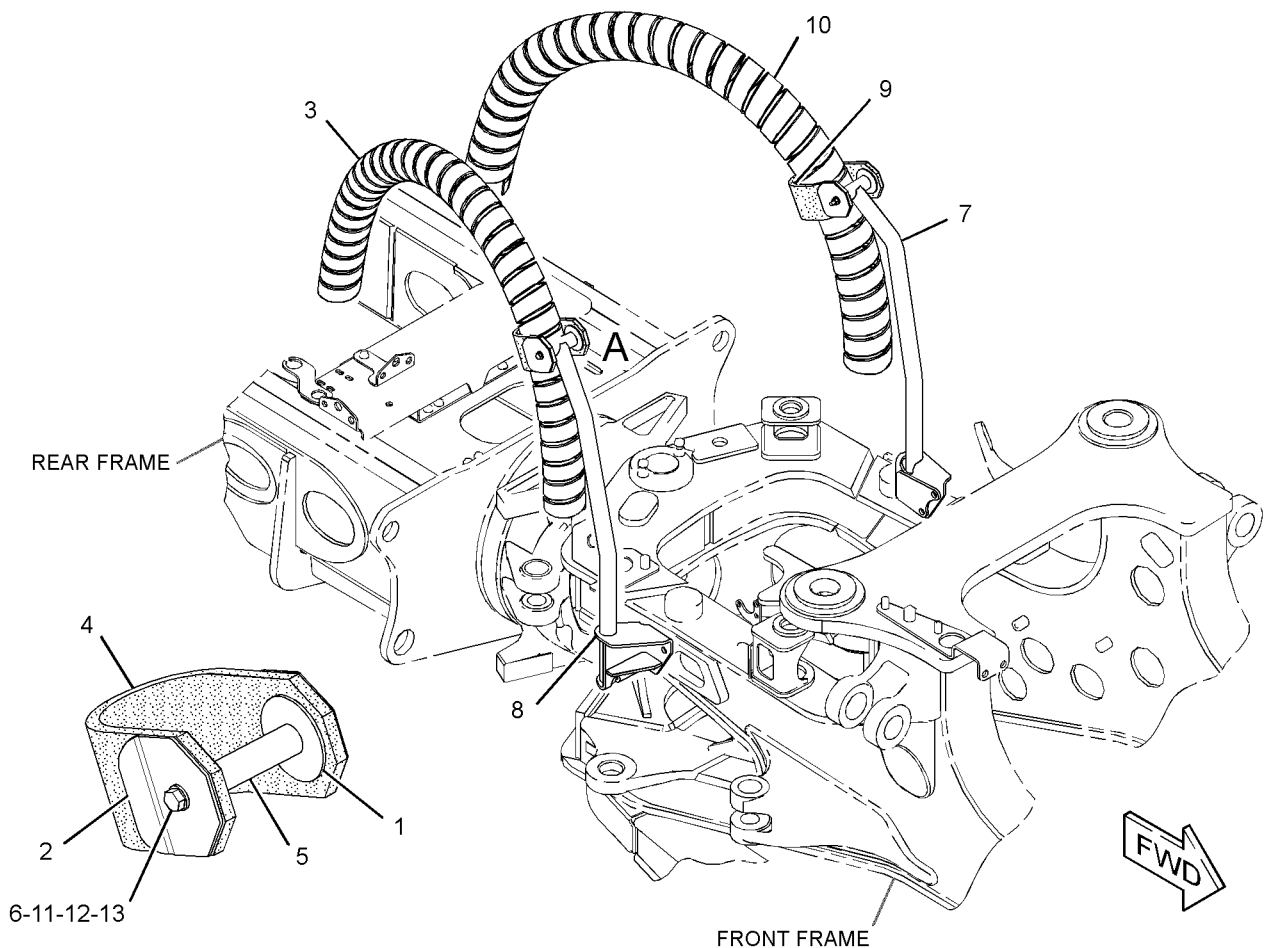
PART OF 291-8689 INSTALLATION AR-MACHINE

SMCS-5057

i04071869

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4I-5480	4	WASHER (11X72X3-MM THK)						
	2	1	191-5216	4	PLATE-RETAINER						
	3	1	204-6362	1	GUARD-HOSE						
	4	1	217-7699	1	STRIP-RUBBER						
	5	1	218-0054	2	SPACER (11X25X100-MM THK)						
	6	1	218-0055	4	SPACER (10.5X25.4X9.5-MM THK)						
	7	1	218-7122	1	FRAME AS-SUPPORT						
	8	1	218-7124	1	FRAME AS-SUPPORT						
	9	1	356-3284	1	STRIP-RUBBER						
	10	1	357-2072	1	GUARD-HOSE						
	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-6408	2	BOLT (M10X1.5X160-MM)						

M-METRIC PART



<END>

g02291993

FRAME AND BODY

291-9019 SUPPRESSION AR-SOUND

S/N: T4R1-UP
AN ATTACHMENT

SMCS-1801, 7076, 7261

i04282778

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	354-0719	1	LINES GP-PUMP (HOIST)						645
Y	354-0580	1	SUPPRESSION AR-SOUND						519
Y	291-8909	1	SUPPRESSION GP-SOUND						520
Y	354-0581	1	SUPPRESSION GP-SOUND						521
Y	354-0718	1	SUPPRESSION GP-SOUND						522
	362-2089	1	INSULATION-SOUND SUPPRESSION						
Y-SEPARATE ILLUSTRATION									

<END>

FRAME AND BODY

354-0580 SUPPRESSION AR-SOUND

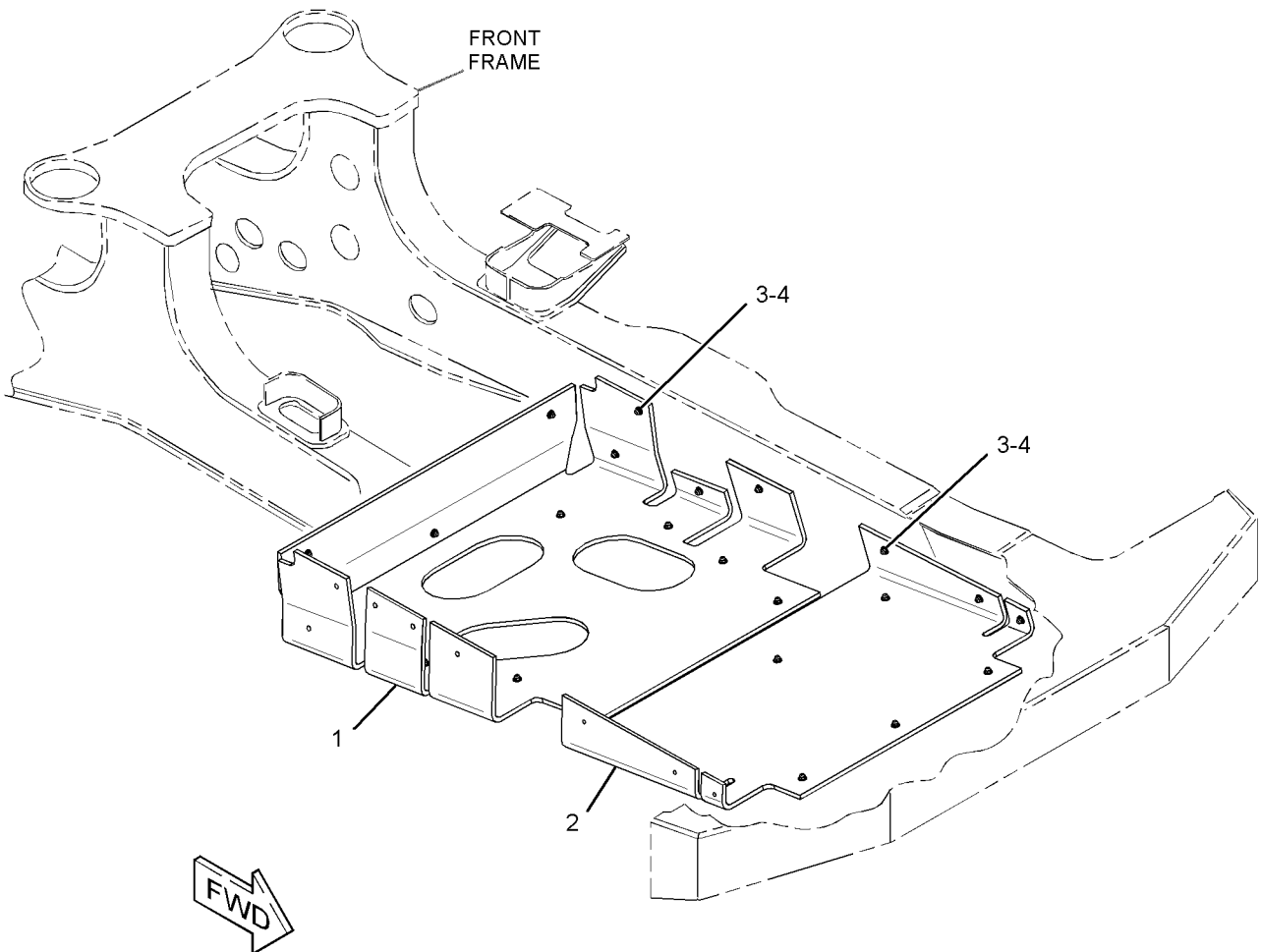
S/N: T4R1-UP

PART OF 291-9019 SUPPRESSION AR-SOUND
AN ATTACHMENT

SMCS-1801, 7076, 7261

i04238373

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	360-2760	1	INSULATION-SOUND SUPPRESSION (REAR)						
	2	1	360-7841	1	INSULATION-SOUND SUPPRESSION (FRONT)						
	3	1	7X-7729	31	WASHER (11X25X3-MM THK)						
M	4	1	8T-0389	31	LOCKNUT (M10X1.5-THD)						
M-METRIC PART											



GRAPHIC #1

<END>

g02428077

FRAME AND BODY

291-8909 SUPPRESSION GP-SOUND

S/N: T4R1-UP

PART OF 291-9019 SUPPRESSION AR-SOUND
AN ATTACHMENT

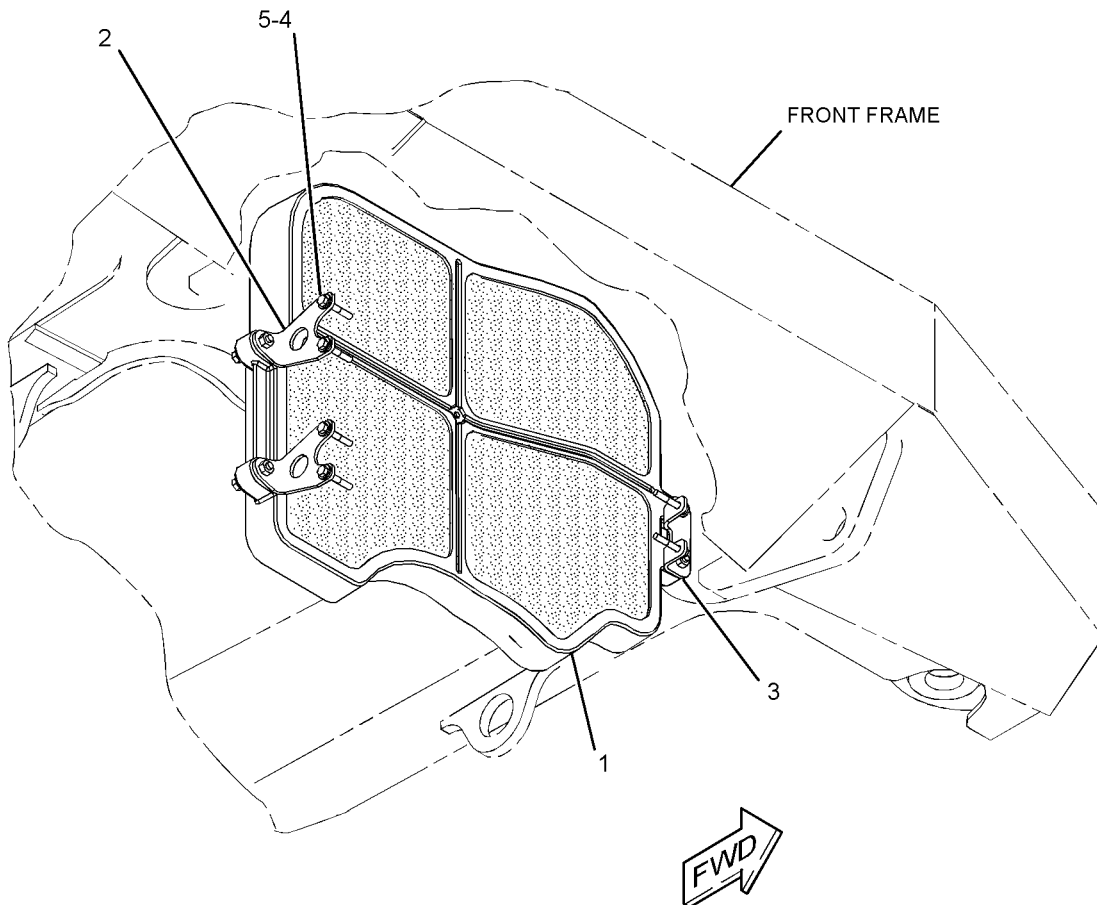
SMCS-1801, 7076, 7261

i04169619

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	364-7158	1	PANEL GP-SOUND SUPPRESSION						60
	2	1	364-7177	2	BRACKET AS						
					(EACH INCLUDES)						
M		1	8T-3597	1	NUT-WELD (M12X1.75-THD)						
	3	1	364-7178	1	BRACKET AS						
M		1	8T-3597	2	NUT-WELD (M12X1.75-THD)						
	4	1	7X-7729	6	WASHER (11X25X3-MM THK)						
M	5	1	8T-6466	6	BOLT (M10X1.5X60-MM)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02383207

FRAME AND BODY

354-0581 SUPPRESSION GP-SOUND

S/N: T4R1-UP

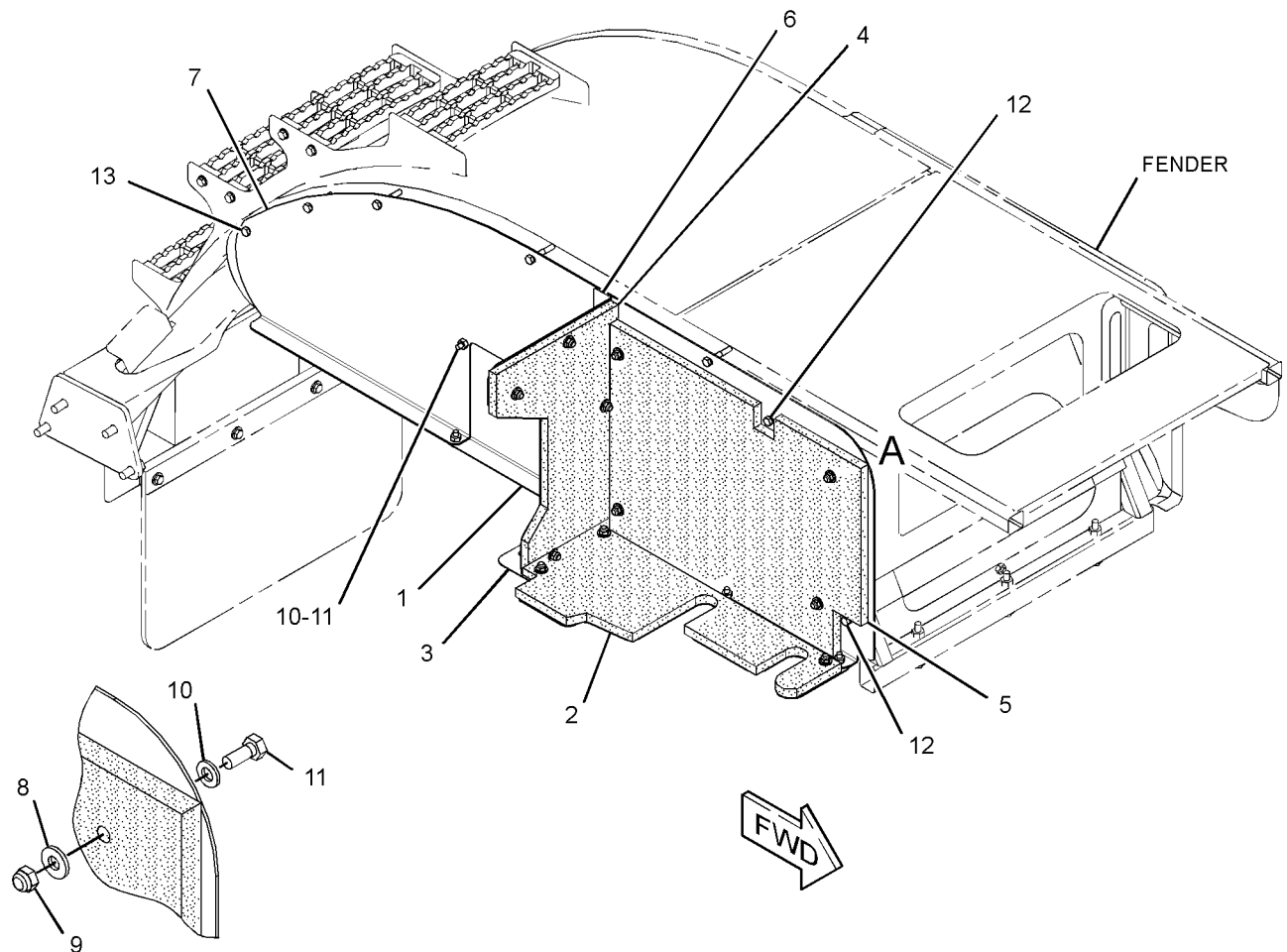
PART OF 291-9019 SUPPRESSION AR-SOUND
AN ATTACHMENT

SMCS-1801, 7076, 7261

i04171583

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	282-4129	1	PLATE						
	2	1	283-1429	1	INSULATION						
	3	1	293-6282	1	PLATE						
	4	1	354-1579	1	INSULATION						
	5	1	362-2088	1	INSULATION						
	6	1	366-3059	1	PLATE AS						
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)						
	7	1	366-3061	1	PLATE AS-SIDE						
M		1	8T-3490	9	NUT-WELD (M10X1.5-THD)						
	8	1	7X-7729	11	WASHER (11X25X3-MM THK)						
M	9	1	8T-0389	11	LOCKNUT (M10X1.5-THD)						
	10	1	8T-4121	22	WASHER-HARD (11X21X2.5-MM THK)						
M	11	1	8T-4136	22	BOLT (M10X1.5X25-MM)						
M	12	1	8T-4191	2	BOLT (M10X1.5X16-MM)						
M	13	1	8T-6466	5	BOLT (M10X1.5X60-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g02407437

FRAME AND BODY

354-0718 SUPPRESSION GP-SOUND

S/N: T4R1-UP

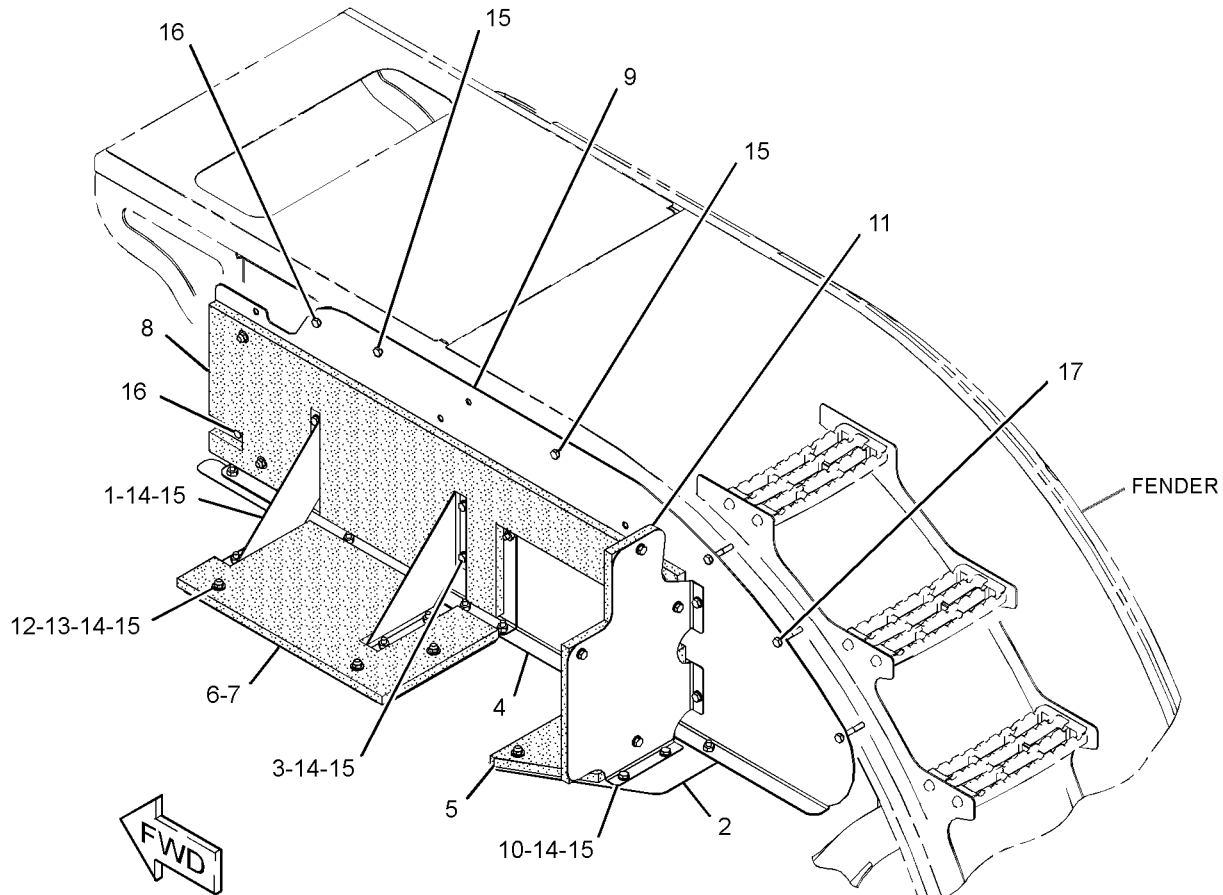
PART OF 291-9019 SUPPRESSION AR-SOUND
AN ATTACHMENT

SMCS-1801, 7076, 7261

i04177053

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	282-4108	1	BRACKET AS						
	2	1	282-4109	1	PLATE AS						
	3	1	282-4113	1	BRACKET AS						
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)						
	4	1	282-4129	1	PLATE						
	5	1	283-1425	1	INSULATION						
	6	1	354-4024	1	PLATE						
	7	1	354-4027	1	INSULATION						
	8	1	354-5210	1	INSULATION						
	9	1	354-5232	1	PLATE AS-SIDE						
M		1	8T-3490	18	NUT-WELD (M10X1.5-THD)						
	10	1	362-2085	1	PLATE						
	11	1	362-2087	1	INSULATION						
	12	1	7X-7729	14	WASHER (11X25X3-MM THK)						
M	13	1	8T-0389	14	LOCKNUT (M10X1.5-THD)						
	14	1	8T-4121	35	WASHER-HARD (11X21X2.5-MM THK)						
M	15	1	8T-4136	37	BOLT (M10X1.5X25-MM)						
M	16	1	8T-4191	2	BOLT (M10X1.5X16-MM)						
M	17	1	8T-6466	3	BOLT (M10X1.5X60-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g02408622

FRAME AND BODY

304-5455 TAILGATE AR

S/N: T4R1-UP

AN ATTACHMENT

SMCS-7271

i03970849

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3U-2837	2	PAD-THRUST						
	2	1	4U-3165	2	DISC						
	3	1	5U-7151	2	CAP-GREASE						
	4	1	154-4812	2	ABSORBER AS-SHOCK						
B	5	1	154-6369	12	SHIM (3-MM THK)						
B	6	1	337-0716	3	SHIM (6-MM THK)						
	7	1	192-9067	4	BUSHING						
	8	1	192-9068	2	PIN						
	9	1	232-3032	2	CHAIN						
	10	1	233-1363	2	PIVOT (TAILGATE)						
I	11	1	250-3345	2	HOSE AS						
	12	1	257-7244	2	LINK (LONG)						
	13	1	257-7245	2	LINK (SHORT)						
	14	1	304-5446	1	PLATE AS						
	15	1	304-8267	1	ARM AS (RH)						
	16	1	304-8268	1	ARM AS (LH)						
	17	1	305-3593	2	PLATE (ANCHOR)						
	18	1	305-4173	18	SPACER (17.5X38X25-MM THK)						
	19	1	198-4771	6	WASHER-HARD (26X47X12-MM THK)						
	20	1	198-4780	8	WASHER-HARD (17.5X32X8-MM THK)						
	21	1	3B-8489	2	FITTING-GREASE						
	22	1	5D-9231	2	CONNECTOR						
M	23	1	6V-7676	6	NUT (M24X3-THD)						
M	24	1	6V-8132	6	BOLT (M24X3X120-MM)						
M	25	1	7X-2489	4	BOLT (M24X3X100-MM)						
M	26	1	7X-2554	4	BOLT (M16X2X70-MM)						
M	27	1	7X-2557	8	BOLT (M16X2X140-MM)						
	28	1	8L-6557	2	CONNECTOR						
M	29	1	8T-4139	4	BOLT (M12X1.75X30-MM)						
	30	1	8T-4167	12	WASHER-HARD (26X44X4-MM THK)						
M	31	1	8T-4175	18	BOLT (M16X2X90-MM)						
	32	1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)						
M	33	1	8T-4778	4	LOCKNUT (M16X2-THD)						
	34	1	9X-8257	8	WASHER (17.5X30X3.5-MM THK)						
M	35	1	9X-8913	2	BOLT (M24X3X300-MM)						
BM	36	1	7X-2556	18	BOLT (M16X2X100-MM)						
BM	37	1	8T-4173	18	BOLT (M16X2X110-MM)						
BM	38	1	7X-2558	8	BOLT (M16X2X150-MM)						
B	39	1	360-4699	2	SHIM (1-MM THK)						

B-USE AS REQUIRED

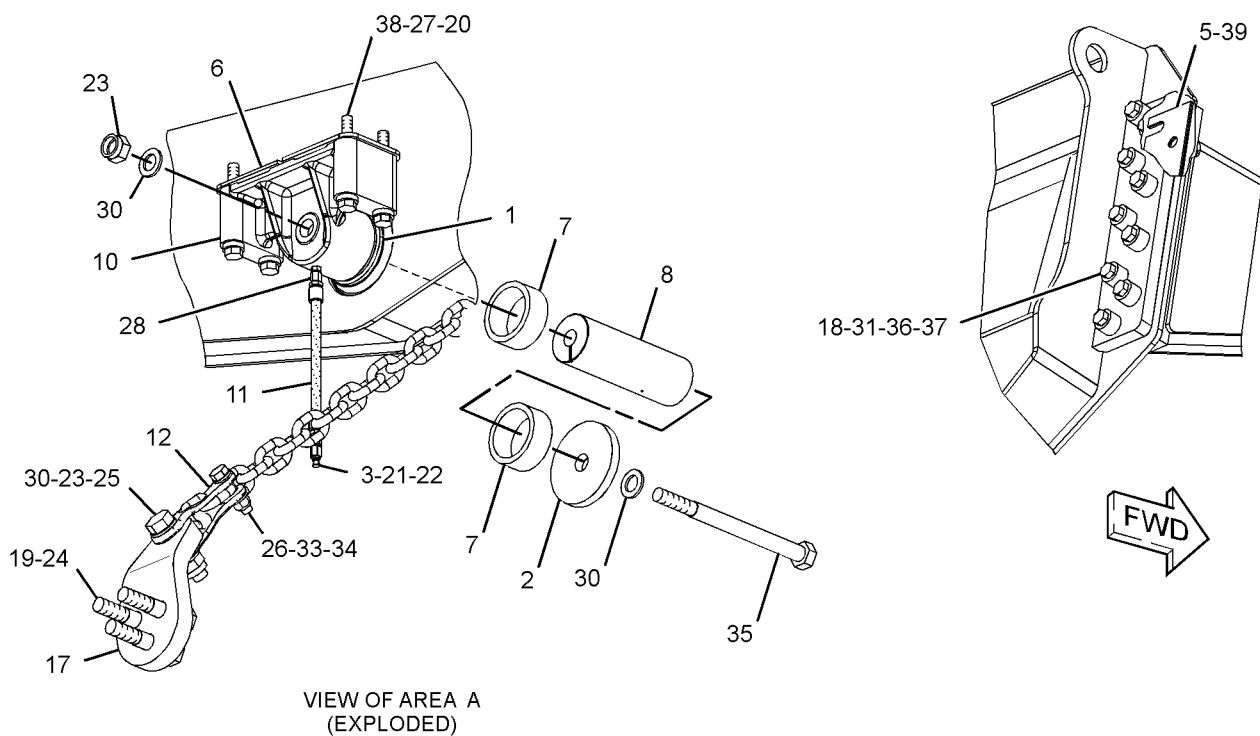
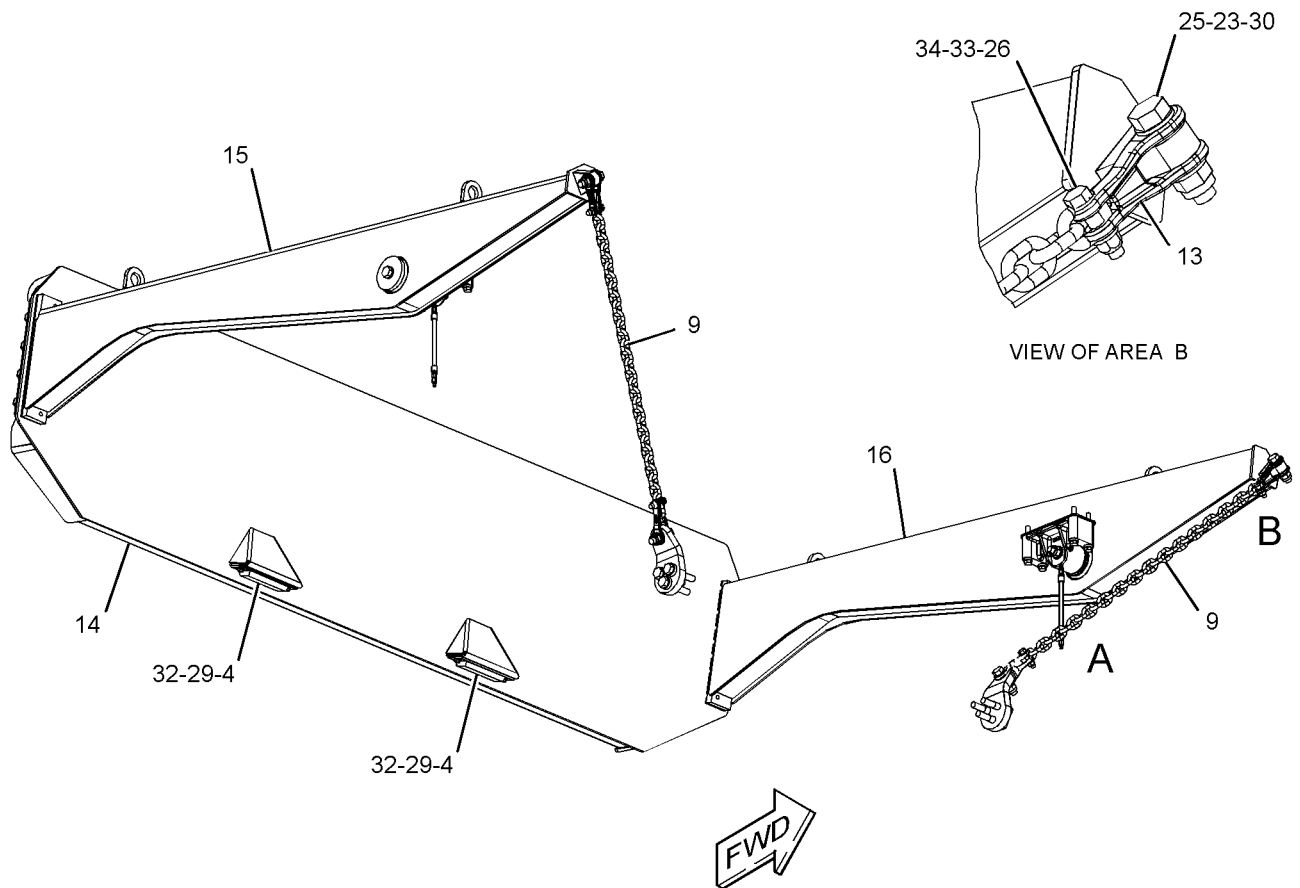
I-REFER TO HYDRAULIC INFORMATION SYSTEM

M-METRIC PART

FRAME AND BODY

304-5455 TAILGATE AR (contd.)

i03970849



GRAPHIC #1

<END>

g02162516

FRAME AND BODY

291-8972 TILT GP-HOOD

S/N: T4R1-UP

PART OF 291-8689 INSTALLATION AR-MACHINE

SMCS-1427, 7251

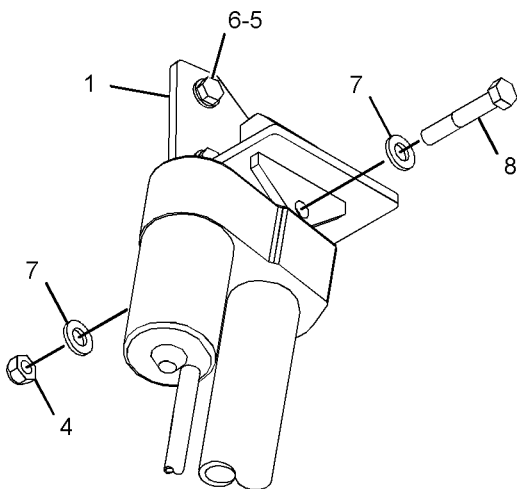
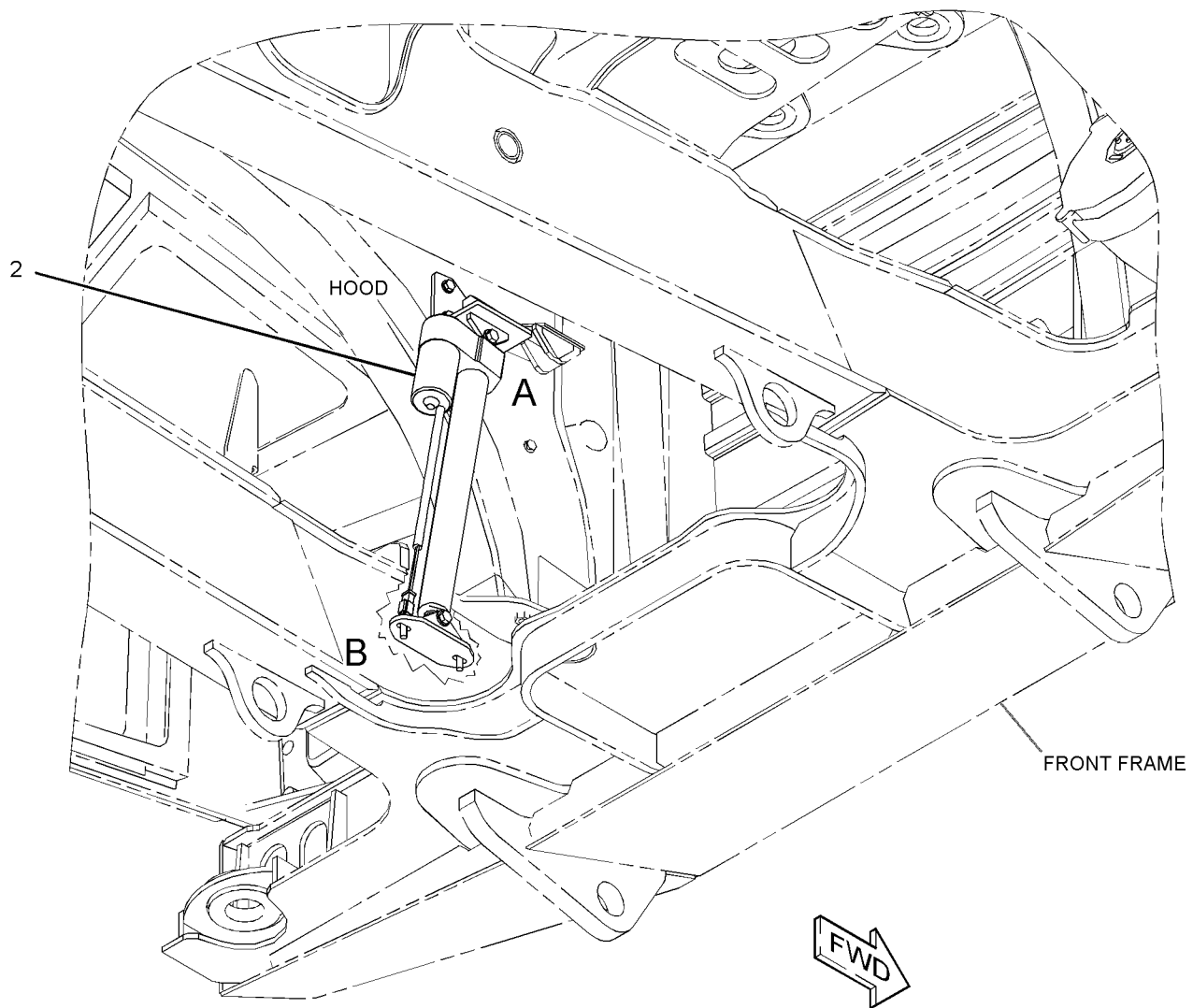
i04171136

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	332-3827	1	BRACKET AS						
	2	1	359-4752	1	ACTUATOR						
		1	9W-0852	2	PIN-CONNECTOR (14-GA TO 16-GA)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	3	1	359-4753	1	BRACKET AS						
M	4	1	6V-7687	2	LOCKNUT (M12X1.75-THD)						
	5	1	8T-4121	5	WASHER-HARD (11X21X2.5-MM THK)						
M	6	1	8T-4195	5	BOLT (M10X1.5X30-MM)						
	7	1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)						
M	8	1	8T-4648	2	BOLT (M12X1.75X70-MM)						
M-METRIC PART											

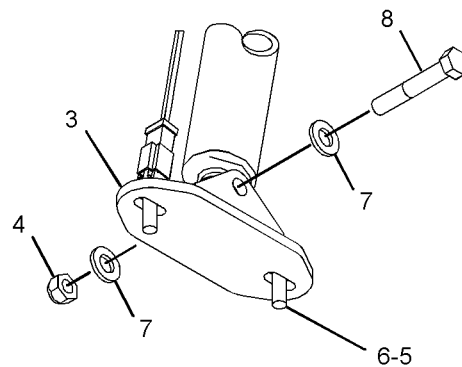
FRAME AND BODY

291-8972 TILT GP-HOOD (contd.)

i04171136



VIEW OF AREA A



VIEW OF AREA B

GRAPHIC #1

<END>

g02408956

FRAME AND BODY

254-6753 VALVE GP-LUBE DISTRIBUTION-12-INJECTOR

S/N: T4R1-UP

PART OF 352-3223 LINES GP-AUTOMATIC LUBRICATION
AN ATTACHMENT

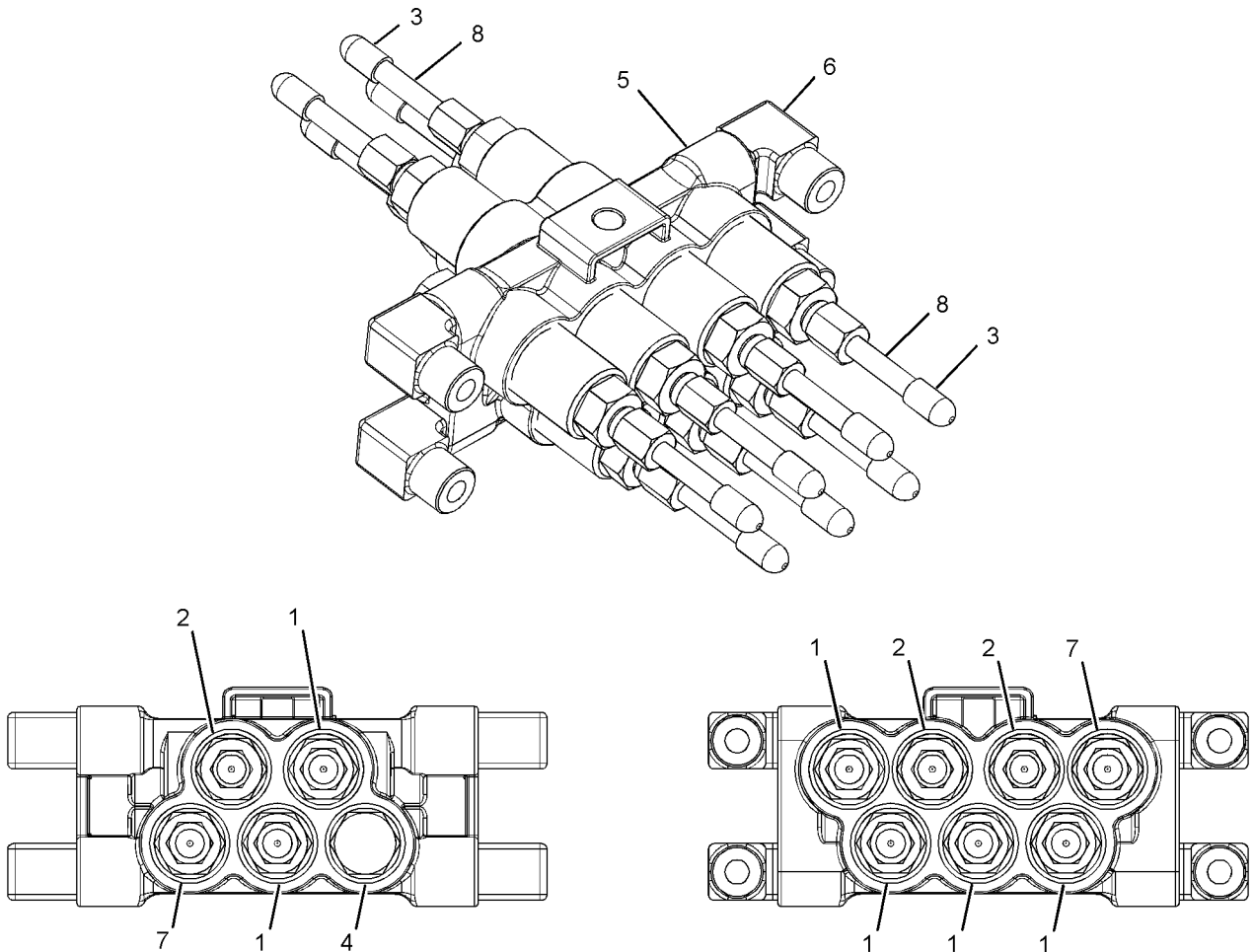
SMCS-7510, 7540

i03640942

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	177-3517	6	INJECTOR-GREASE (NO. 4)						
	2	1	177-3518	3	INJECTOR-GREASE (NO. 8)						
	3	1	177-3524	11	PLUG						
	4	1	178-2734	1	PLUG						
	5	1	220-8581	1	BLOCK (12-INJECTOR)						
	6	1	221-1583	4	COUPLING						
	7	1	178-2746	2	INJECTOR-GREASE (NO. 9)						
BE	8	1	161-9030		HOSE						

B-USE AS REQUIRED

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g01136324

FRAME AND BODY

254-6756 VALVE GP-LUBE DISTRIBUTION-REAR, 7-INJECTOR

S/N: T4R1-UP

PART OF 352-3230 LINES GP-AUTOMATIC LUBRICATION
AN ATTACHMENT

SMCS-7510, 7540

i02335999

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	177-3524	7	PLUG						
	2	1	178-2746	5	INJECTOR-GREASE (NO. 9)						
	3	1	179-1660	2	PLUG						
	4	1	221-1584	2	COUPLING						
	5	1	221-1585	2	INJECTOR AS-GREASE (NO. 8.5)						
	6	1	220-8573	1	BLOCK (7-INJECTOR)						
BE	7	1	161-9030		HOSE						
	8	1	192-5987	2	GASKET						

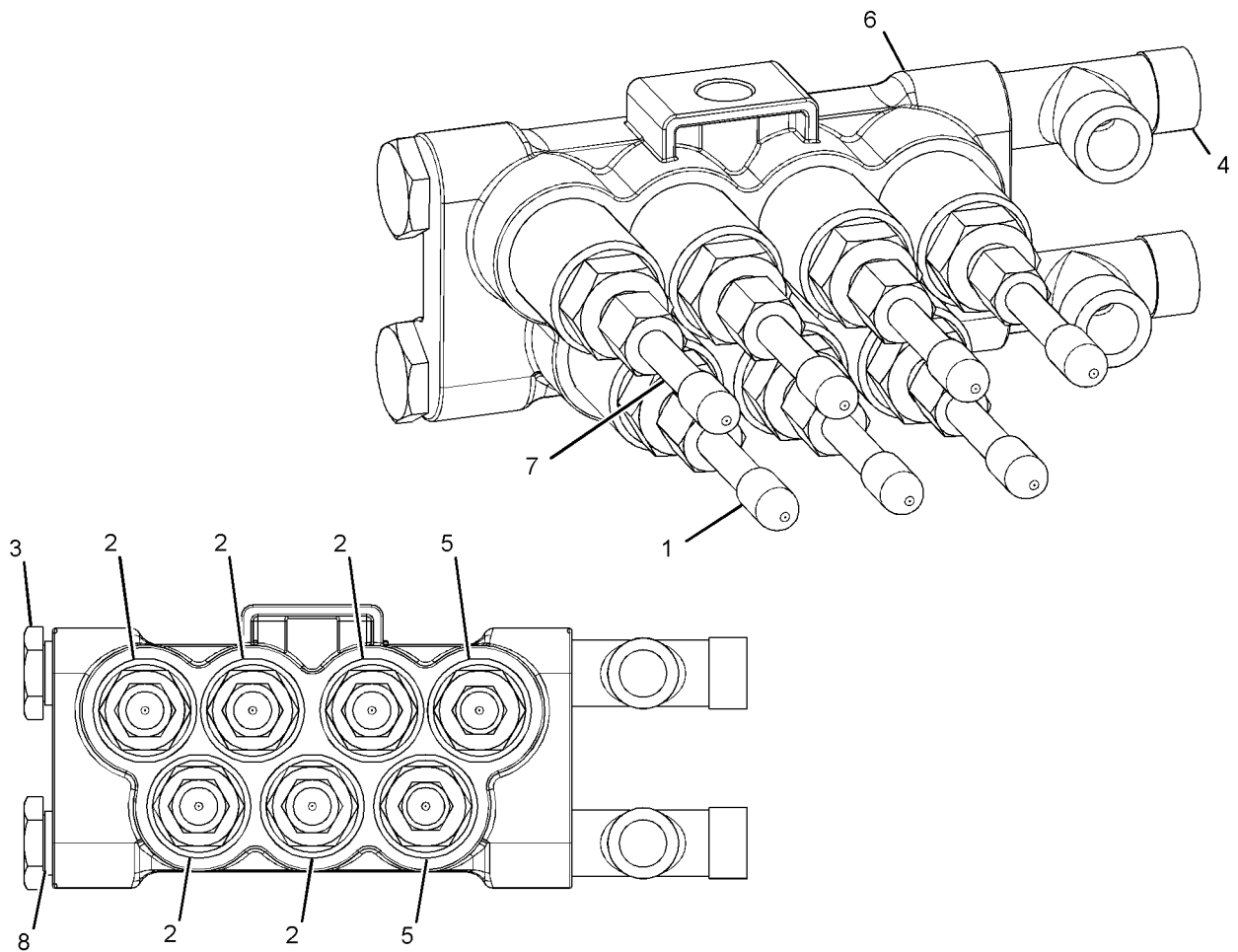
B-USE AS REQUIRED

E-ORDER BY THE CENTIMETER

FRAME AND BODY

254-6756 VALVE GP-LUBE DISTRIBUTION (contd.)

i02335999



GRAPHIC #1

<END>

g01171992

FRAME AND BODY

352-3231 VALVE GP-LUBE DISTRIBUTION-7-INJECTOR, REAR

S/N: T4R1-UP

PART OF 352-3228 LINES GP-AUTOMATIC LUBRICATION
AN ATTACHMENT

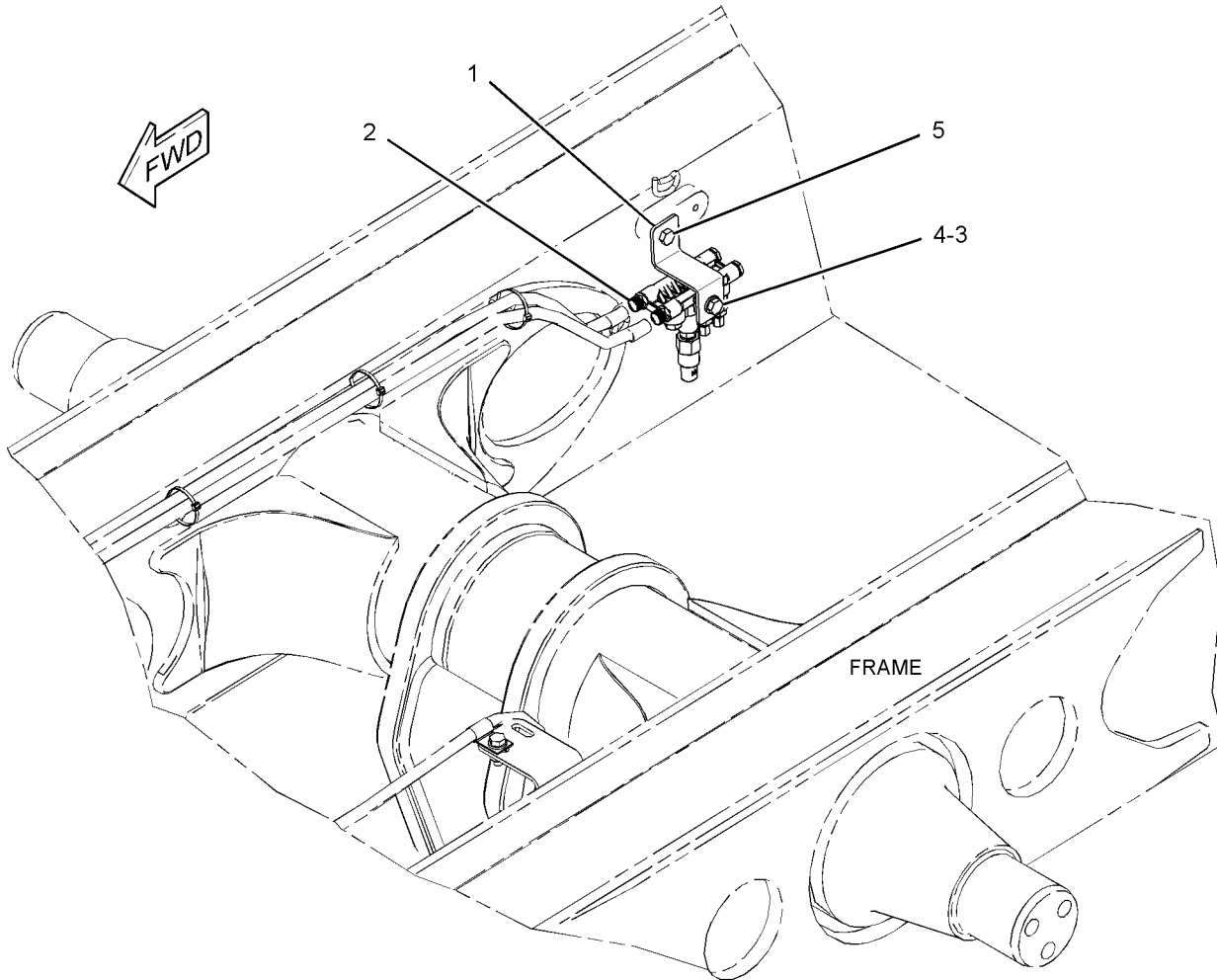
SMCS-7510, 7540

i04188029

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	254-6743	1	BRACKET	
Y	2	1	354-5089	1	VALVE GP-LUBE DISTRIBUTION (7-INJECTOR)	531
	3	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)	
M	4	1	8T-4191	1	BOLT (M10X1.5X16-MM)	
M	5	1	8T-4908	1	BOLT (M8X1.25X25-MM)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02375516

FRAME AND BODY

354-5089 VALVE GP-LUBE DISTRIBUTION-7-INJECTOR

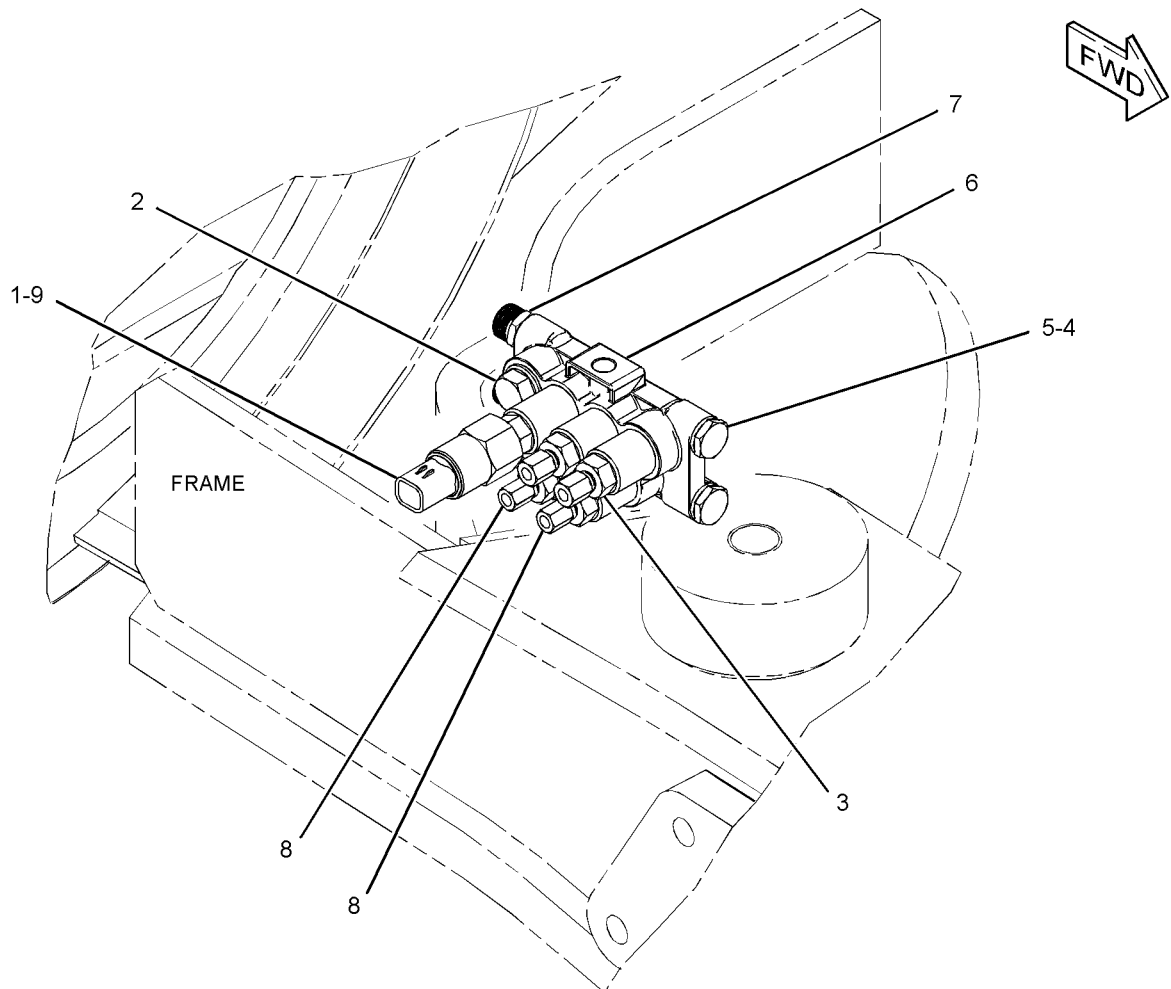
S/N: T4R1-UP

PART OF 352-3231 VALVE GP-LUBE DISTRIBUTION
AN ATTACHMENT

SMCS-7510, 7540

i04085614

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	177-3520	1	VALVE (PRESSURE SWITCH)						
	2	1	178-2734	2	PLUG						
	3	1	178-2740	2	INJECTOR AS-GREASE (NO. 6)						
					(EACH INCLUDES)						
		1	277-3072	1	NUT (M10X1-THD)						
		1	277-3073	1	FITTING-COMPRESSION						
	4	1	179-1660	2	PLUG						
	5	1	192-5987	3	GASKET						
	6	1	220-8573	1	BLOCK (7-INJECTOR)						
	7	1	221-1582	2	COUPLING						
	8	1	221-1585	2	INJECTOR AS-GREASE (NO. 8.5)						
					(EACH INCLUDES)						
		1	277-3072	1	NUT (M10X1-THD)						
		1	277-3073	1	FITTING-COMPRESSION						
	9	1	351-8596	1	SWITCH AS-PRESSURE (LUBE DISTRIBUTION)						



GRAPHIC #1

<END>

g02314735

FRAME AND BODY

328-3953 WALKWAY GP

S/N: T4R1-UP

PART OF 291-8689 INSTALLATION AR-MACHINE

SMCS-7255

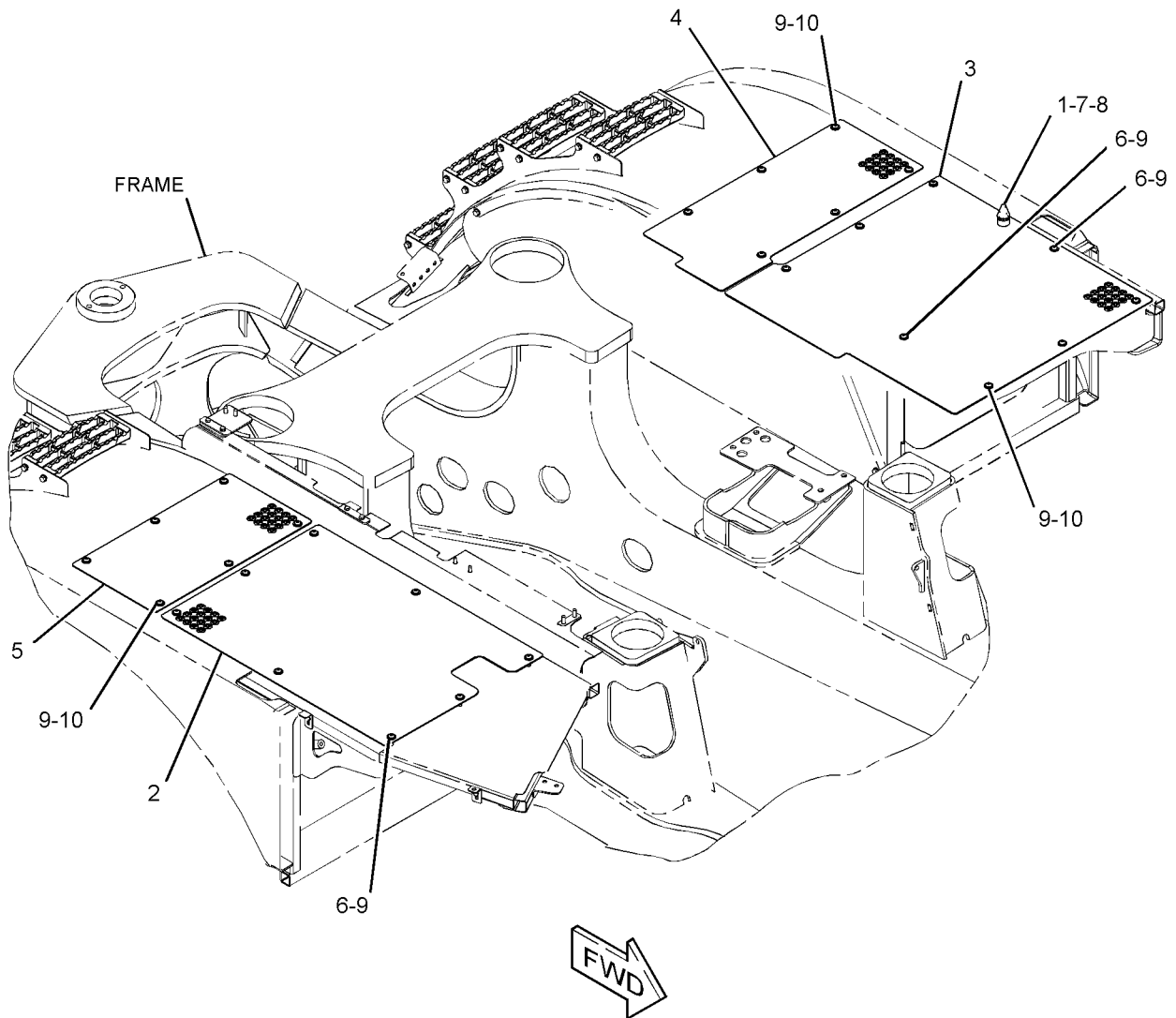
i04171160

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	3W-7412	1	BUMPER-CONICAL	
	2	1	331-3946	1	PLATE-TREAD	
	3	1	335-1524	1	PLATE AS-TREAD	
	4	1	358-7610	1	PLATE-TREAD	
	5	1	358-7611	1	PLATE-TREAD	
	6	1	299-5675	5	SCREW-BUTTON HEAD (M10X1.5X30-MM)	
	7	1	5P-4116	1	WASHER-HARD (8.8X20.5X2-MM THK)	
	8	1	6V-8189	1	NUT (5/16-18-THD)	
	9	1	7X-7729	28	WASHER (11X25X3-MM THK)	
M	10	1	8C-8585	23	SCREW-BUTTON HEAD (M10X1.5X20-MM)	
M-METRIC PART						

FRAME AND BODY

328-3953 WALKWAY GP (contd.)

i04171160



GRAPHIC #1

<END>

g02399957

BRAKING SYSTEM

251-1446 ACCUMULATOR & MTG GP-BRAKE-COLD WEATHER

S/N: T4R1-UP

PART OF 347-9518 CONTROL GP-SERVICE BRAKE
AN ATTACHMENT

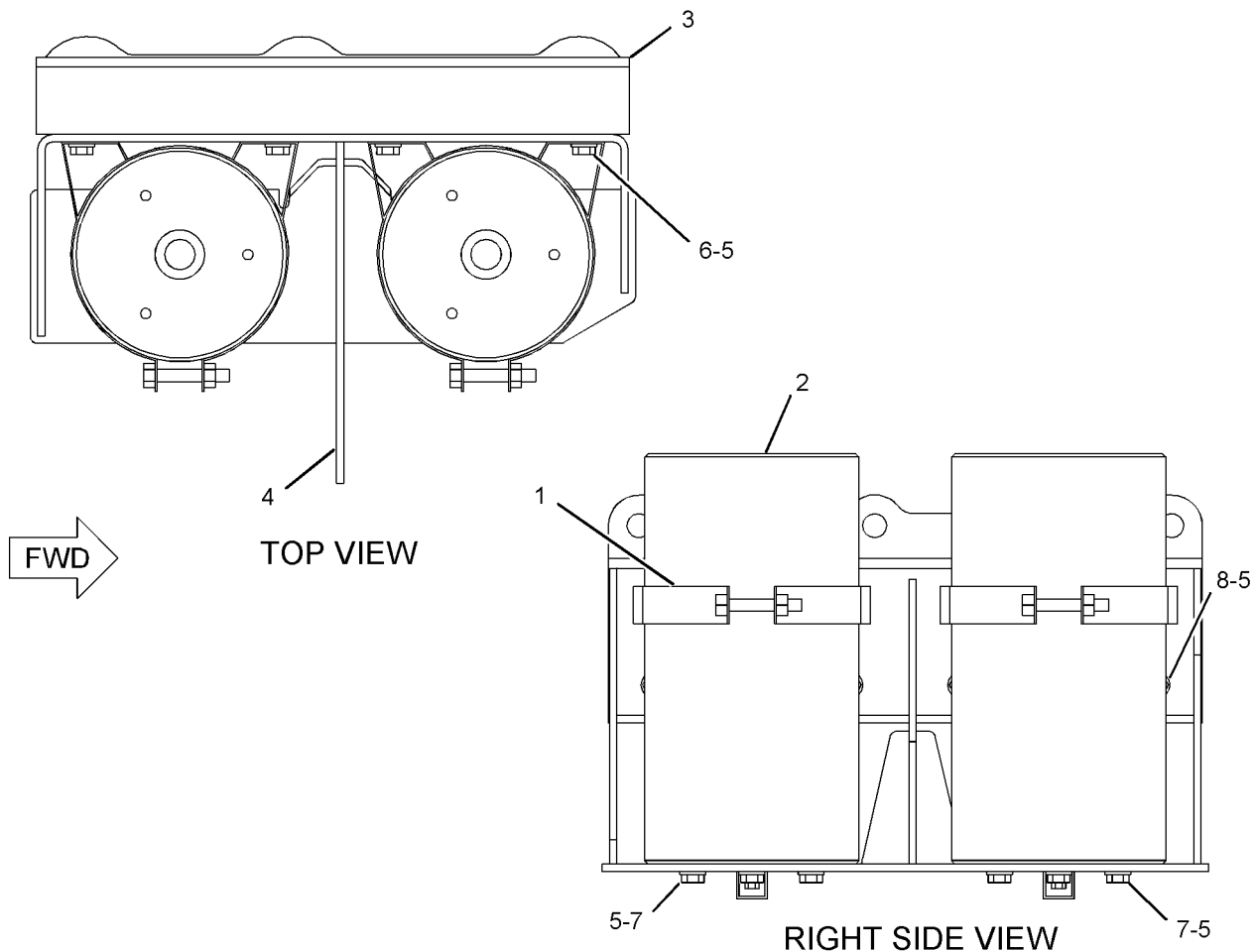
SMCS-4263

i04096389

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	142-3061	2	CLAMP AS	
Y	2	1	223-2444	2	ACCUMULATOR GP-HYDRAULIC (CHARGED)	541
	3	1	251-1447	1	CHANNEL AS	
	4	1	251-1450	1	PLATE AS	
	5	1	8T-4121	14	WASHER-HARD (11X21X2.5-MM THK)	
M	6	1	8T-4136	4	BOLT (M10X1.5X25-MM)	
M	7	1	8T-4191	6	BOLT (M10X1.5X16-MM)	
M	8	1	8T-4195	4	BOLT (M10X1.5X30-MM)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01088764

BRAKING SYSTEM

358-7609 ACCUMULATOR & MTG GP-BRAKE-COLD WEATHER

S/N: T4R1-UP

PART OF 354-0748 CONTROL GP-SERVICE BRAKE
AN ATTACHMENT

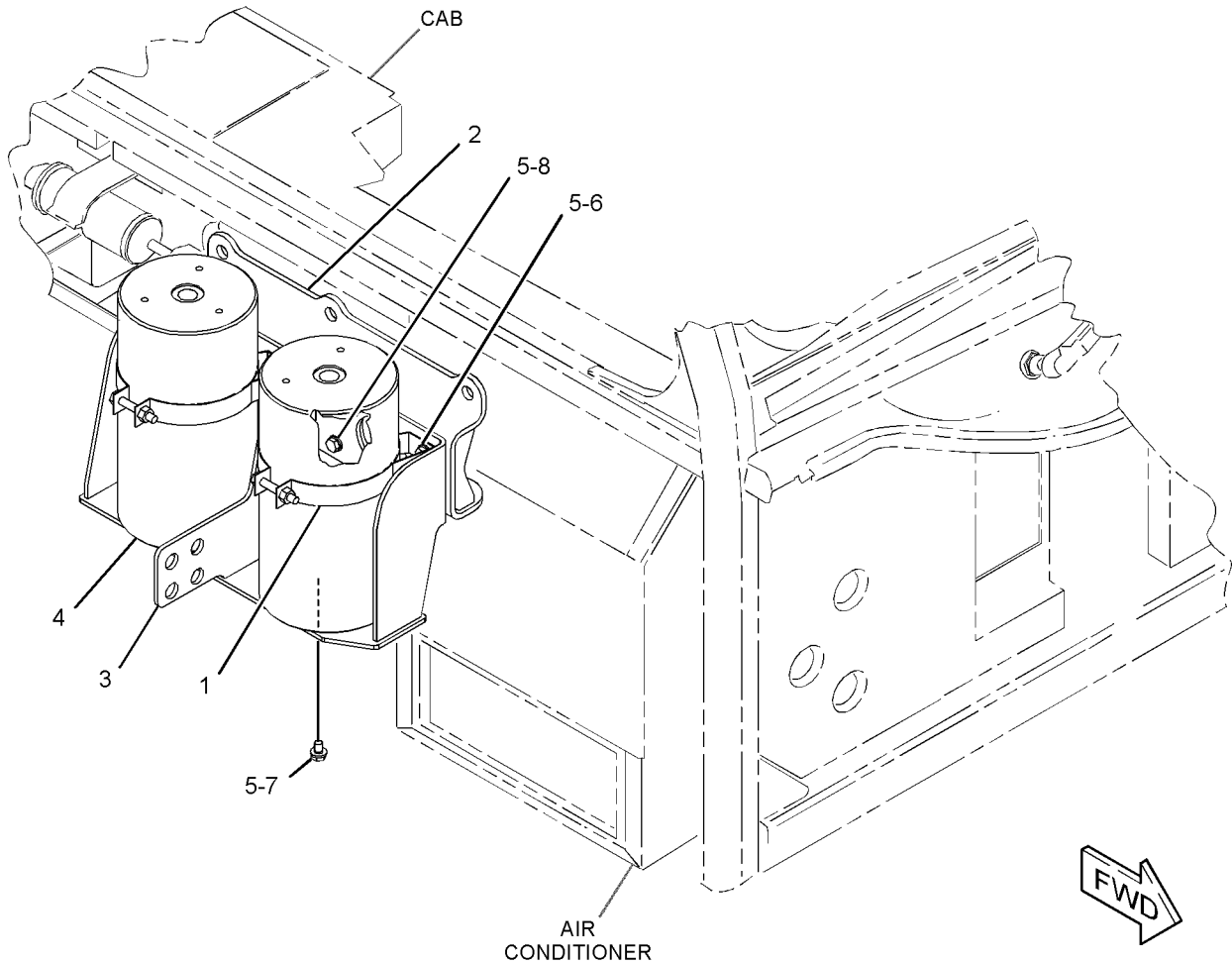
SMCS-4263

i04087429

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	142-3061	2	CLAMP AS	
	2	1	251-1447	1	CHANNEL AS	
	3	1	251-1450	1	PLATE AS	
Y	4	1	348-9291	2	ACCUMULATOR GP-HYDRAULIC (CHARGED)	544
	5	1	8T-4121	14	WASHER-HARD (11X21X2.5-MM THK)	
M	6	1	8T-4136	4	BOLT (M10X1.5X25-MM)	
M	7	1	8T-4191	6	BOLT (M10X1.5X16-MM)	
M	8	1	8T-4195	4	BOLT (M10X1.5X30-MM)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02308795

BRAKING SYSTEM

163-5632 ACCUMULATOR GP-BRAKE-CHARGED

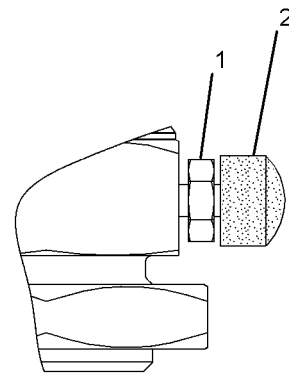
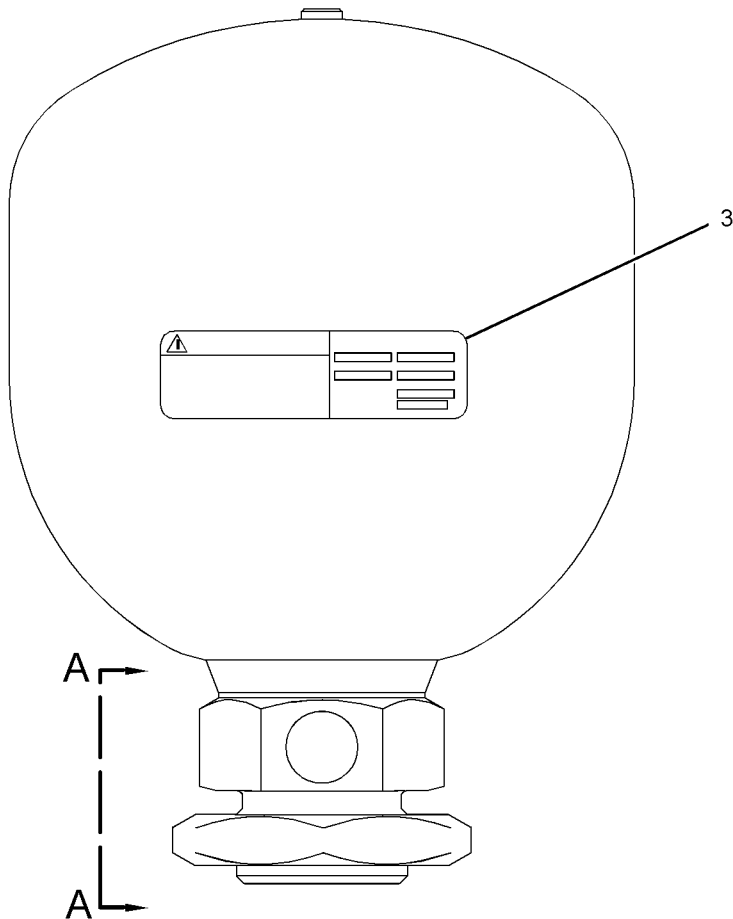
S/N: T4R1-UP

PART OF 352-8231 CONTROL GP-PARKING BRAKE
FIELD REPLACEMENT ORDER 172-2412-PAGE 537

SMCS-4263

i04030930

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	117-8690	1	FITTING						
	2	1	117-8692	1	CAP						
	3	1	204-8758	1	FILM-WARNING (HIGH PRESSURE CYLINDER)						



VIEW A-A

GRAPHIC #1

<END>

g02224216

BRAKING SYSTEM

172-2412 ACCUMULATOR GP-BRAKE-UNCHARGED

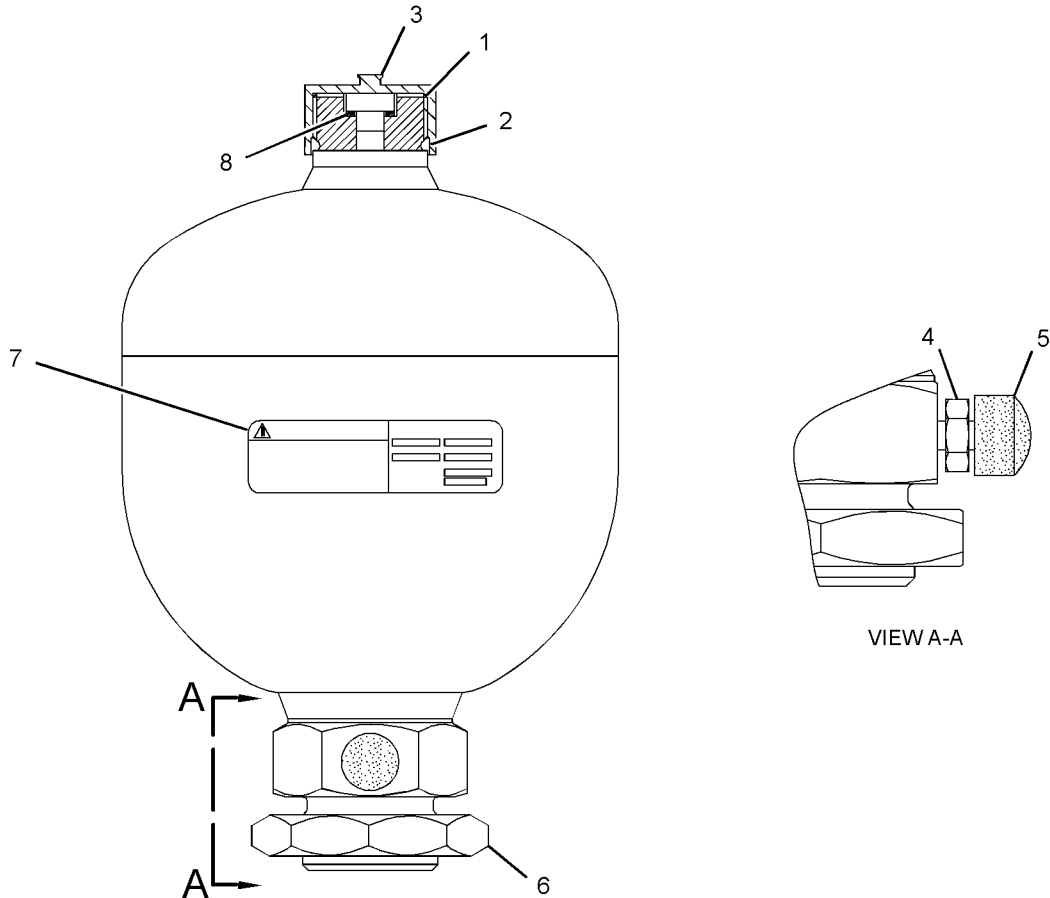
S/N: T4R1-UP

FIELD REPLACEMENT FOR 163-5632-PAGE 536

SMCS-4263

i03959909

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	117-8687	1	SCREW						
	2	1	117-8688	1	SEAL						
	3	1	117-8689	1	CAP						
	4	1	117-8690	1	FITTING						
	5	1	117-8692	1	CAP (RUBBER)						
M	6	1	118-8599	1	NUT-HEX (M33X1.5-THD)						
	7	1	204-8758	1	FILM-WARNING (HIGH PRESSURE CYLINDER)						
	8	1	222-5765	1	SEAL-RING						
M-METRIC PART											



GRAPHIC #1

<END>

g02160273

BRAKING SYSTEM

251-8265 ACCUMULATOR GP-BRAKE-CHARGED

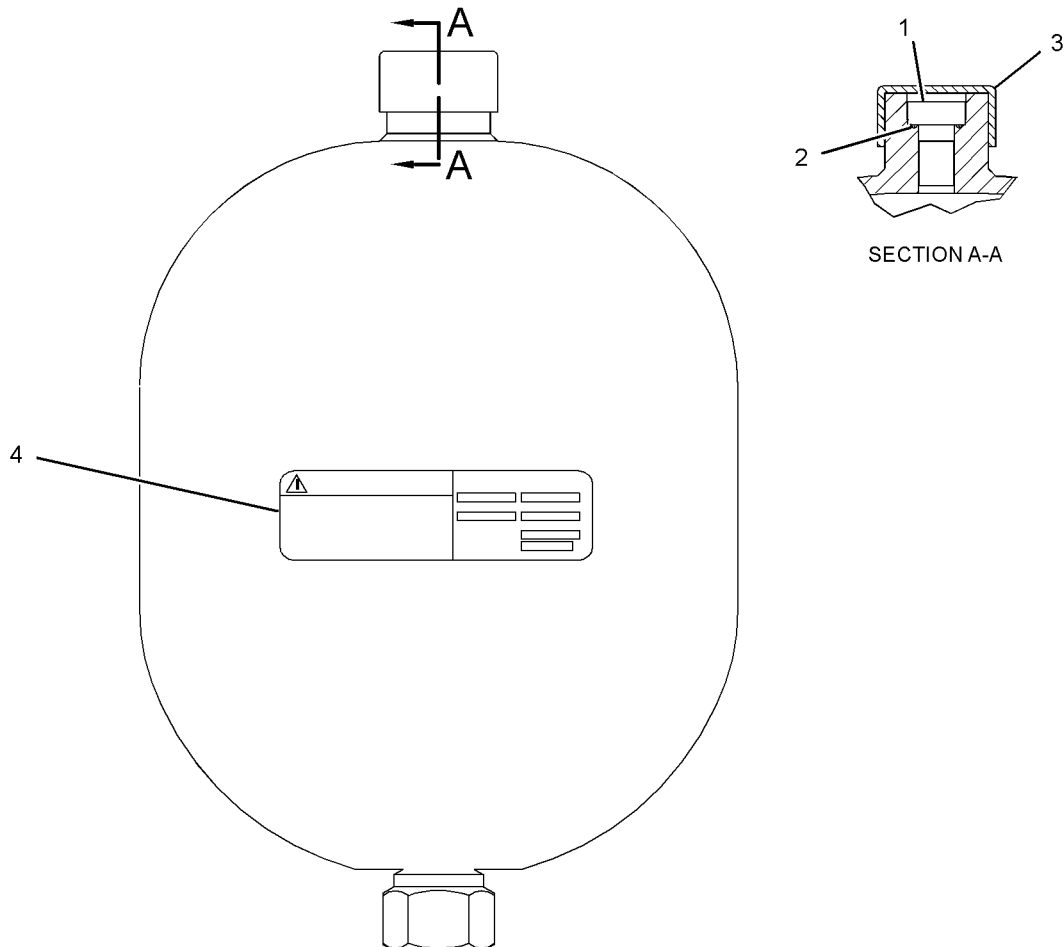
S/N: T4R1-UP

PART OF 342-3828 ACCUMULATOR GP-BRAKE
FIELD REPLACEMENT ORDER 251-8266-PAGE 539

SMCS-4263

i04032455

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	117-8687	1	SCREW						
	2	1	117-8688	1	SEAL						
	3	1	117-8689	1	CAP						
	4	1	204-8758	1	FILM-WARNING (HIGH PRESSURE CYLINDER)						



GRAPHIC #1

<END>

g02227973

BRAKING SYSTEM

251-8266 ACCUMULATOR GP-BRAKE-UNCHARGED

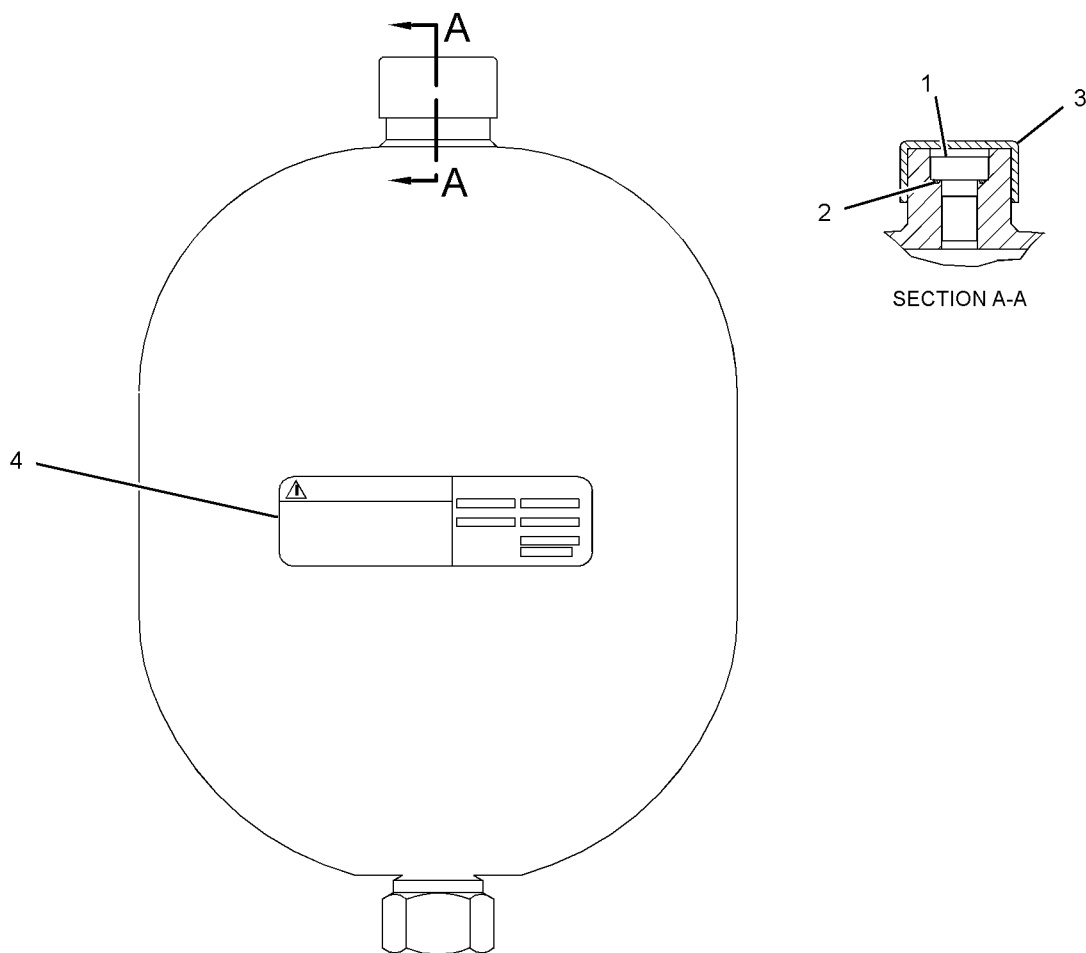
S/N: T4R1-UP

FIELD REPLACEMENT FOR 251-8265-PAGE 538

SMCS-4263

i04032456

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	117-8687	1	SCREW						
	2	1	117-8688	1	SEAL						
	3	1	117-8689	1	CAP						
	4	1	204-8758	1	FILM-WARNING (HIGH PRESSURE CYLINDER)						



GRAPHIC #1

<END>

g02227913

BRAKING SYSTEM

342-3828 ACCUMULATOR GP-BRAKE-SERVICE

S/N: T4R1-UP

PART OF 324-7415 CONTROL GP-SERVICE BRAKE

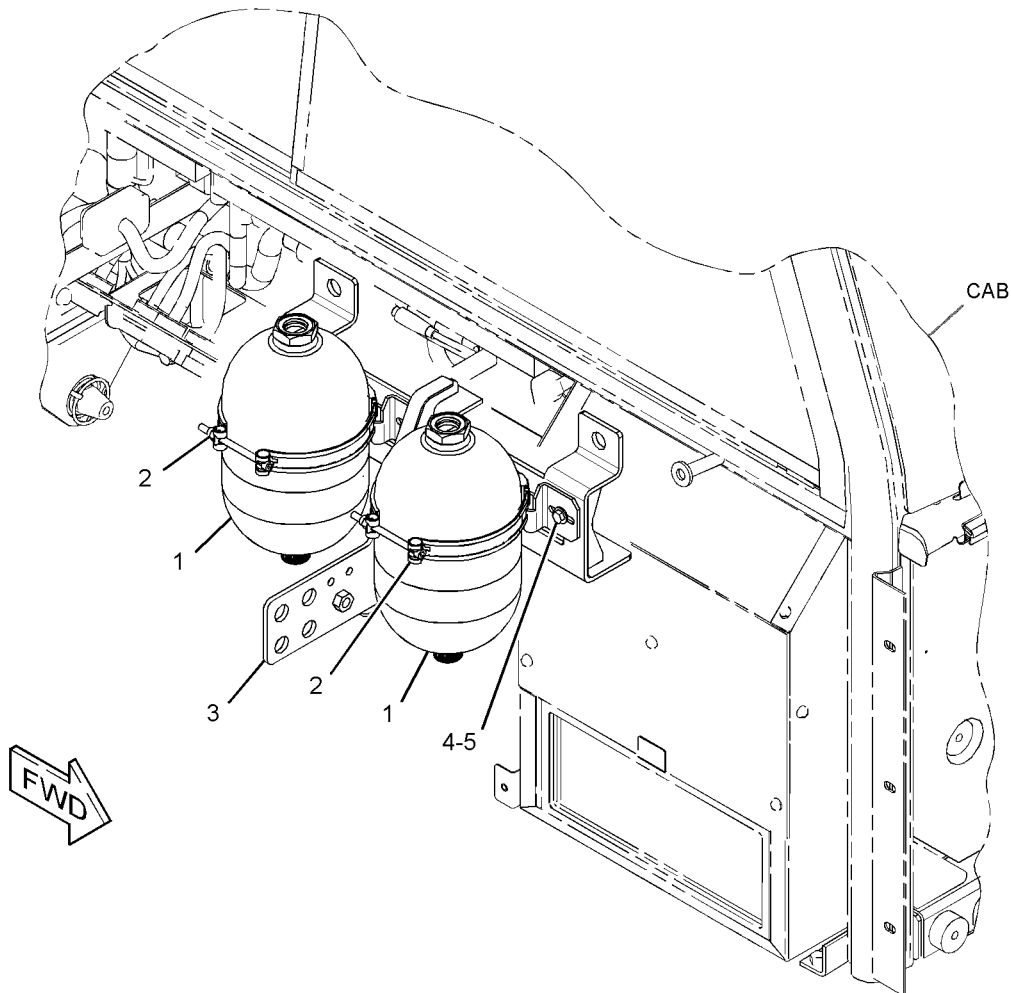
SMCS-4263

i04171552

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	251-8265	2	ACCUMULATOR GP-BRAKE (CHARGED)	538
	2	1	255-6195	2	CLAMP AS	
	3	1	340-5203	1	PLATE AS	
	4	1	5P-4116	4	WASHER-HARD (8.8X20.5X2-MM THK)	
M	5	1	8T-4189	4	BOLT (M8X1.25X20-MM)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02405957

BRAKING SYSTEM

223-2444 ACCUMULATOR GP-HYDRAULIC-CHARGED

S/N: T4R1-UP

PART OF 251-1446 ACCUMULATOR & MTG GP-BRAKE

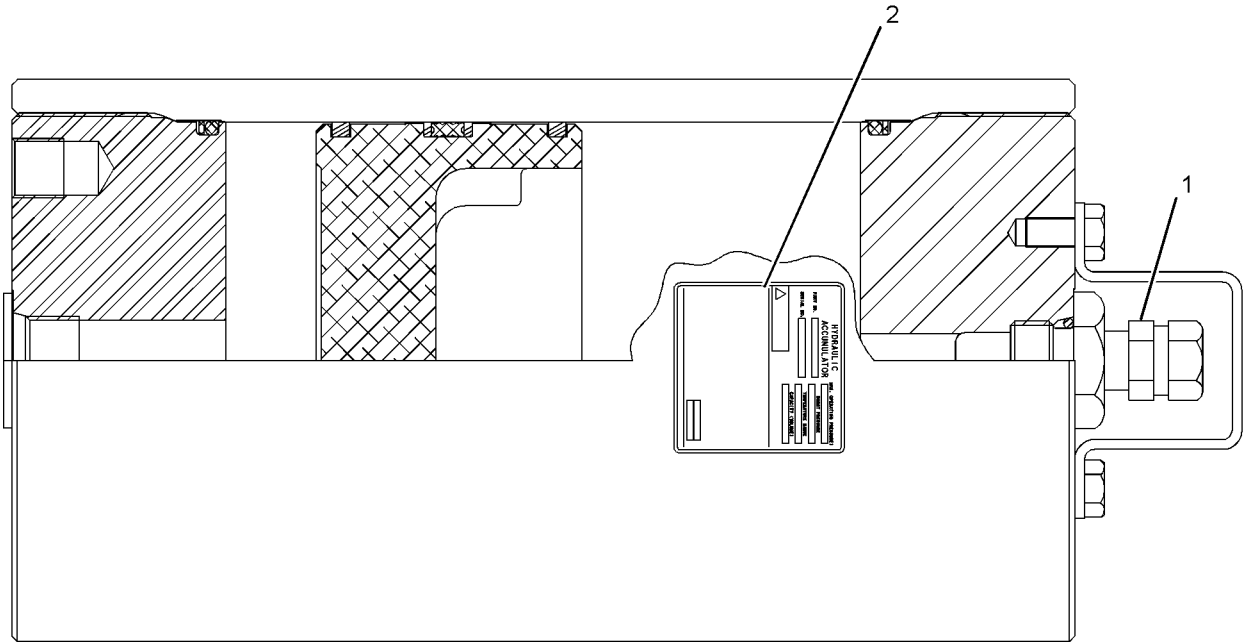
FIELD REPLACEMENT ORDER 223-2445-PAGE 542

AN ATTACHMENT

SMCS-4263

i04037371

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	158-2306	1	VALVE-GAS (RIDE CONTROL ACCUMULATOR)						
	2	1	241-0037	1	FILM-WARNING (HIGH PRESSURE, READ OMM)						
					AVAILABLE REPAIR KIT(S):						
			170-0494	1	KIT-SEAL (RIDE CONTROL ACCUMULATOR)						
					(INCLUDES VALVE O-RINGS, BACKUP WASHERS, WEAR RINGS, SEAL O-RINGS, SEAL BACKUPS, BAG KIT & LABEL KIT)						



GRAPHIC #1

<END>

g01126400

BRAKING SYSTEM

223-2445 ACCUMULATOR GP-HYDRAULIC-UNCHARGED

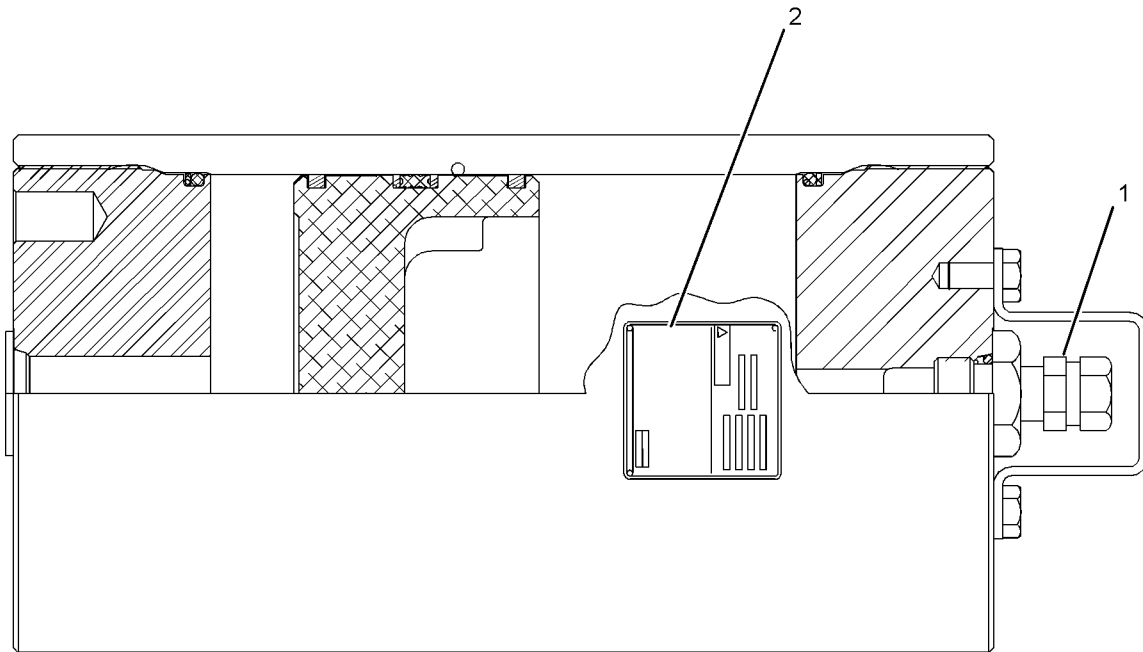
S/N: T4R1-UP

FIELD REPLACEMENT FOR 223-2444-PAGE 541

SMCS-4263

i04125770

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	222-2367	1	VALVE AS-GAS (RIDE CONTROL ACCUMULATOR)						
		1	190-3850	1	CORE						
	2	1	241-0037	1	FILM-WARNING (HIGH PRESSURE, READ OMM)						
					AVAILABLE REPAIR KIT(S):						
			170-0494	1	KIT-SEAL (RIDE CONTROL ACCUMULATOR)						
					(INCLUDES VALVE O-RINGS, BACK-UP WASHERS, WEAR RINGS, O-RING SEAL, SEAL BACK UP, BAG KIT & LABEL KIT)						



GRAPHIC #1

<END>

g01126391

BRAKING SYSTEM

231-8982 ACCUMULATOR GP-HYDRAULIC-UNCHARGED

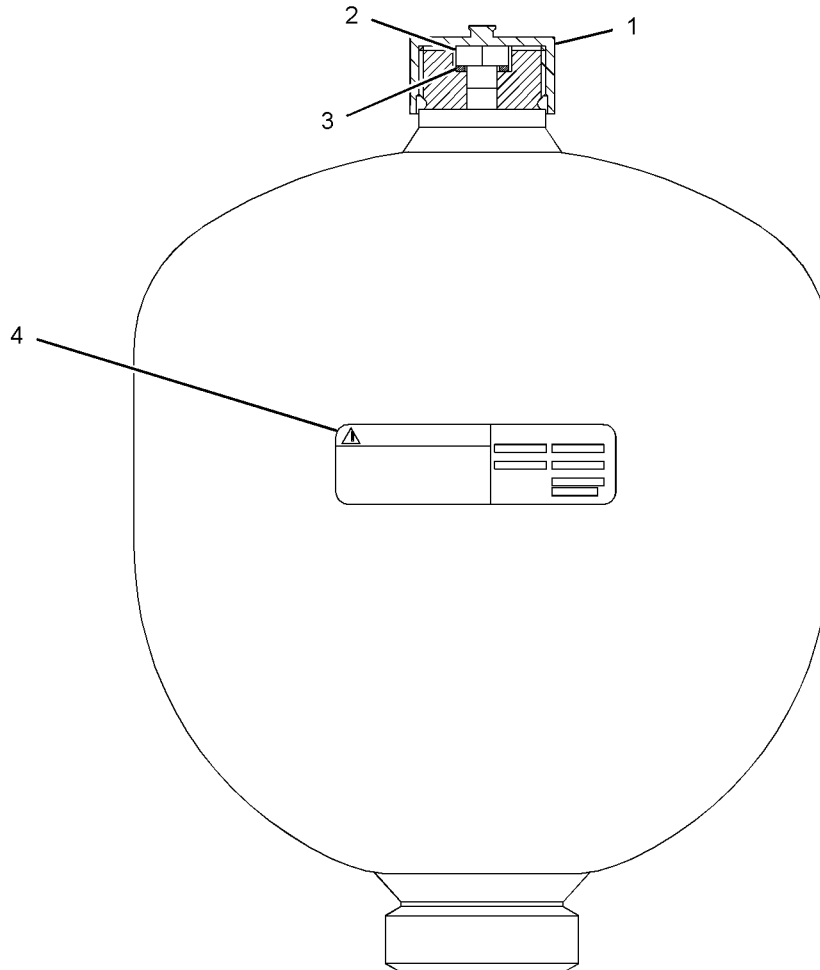
S/N: T4R1-UP

FIELD REPLACEMENT FOR 349-9306-PAGE 546

SMCS-4263

i04063129

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	117-8689	1	CAP						
	2	1	134-3665	1	SCREW						
	3	1	222-5765	1	SEAL-RING						
	4	1	204-8758	2	FILM-WARNING (HIGH PRESSURE CYLINDER)						



GRAPHIC #1

<END>

g02309414

BRAKING SYSTEM

348-9291 ACCUMULATOR GP-HYDRAULIC-CHARGED

S/N: T4R1-UP

PART OF 358-7609 ACCUMULATOR & MTG GP-BRAKE

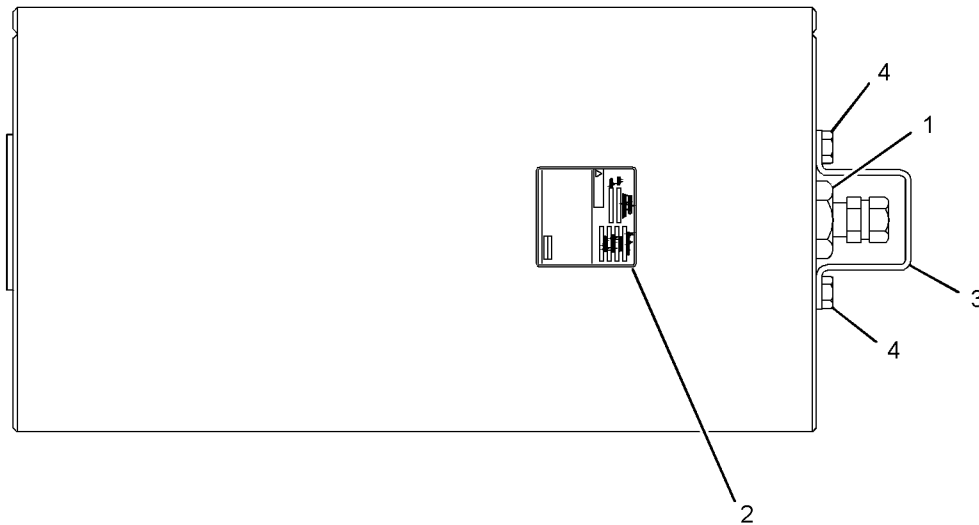
FIELD REPLACEMENT ORDER 349-1689-PAGE 545

AN ATTACHMENT

SMCS-4263

i04087449

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	158-2306	1	VALVE-GAS (HYDRAULIC ACCUMULATOR)						
	2	1	241-0037	1	FILM-WARNING (HIGH PRESSURE, READ OMM)						
	3	1	111-9110	1	PROTECTOR-GAS VALVE						
	4	1	5M-3062	2	BOLT (3/8-16X0.75-IN)						
AVAILABLE REPAIR KIT(S):											
			170-0493	1	KIT-SEAL (HYDRAULIC ACCUMULATOR)						
(INCLUDES O-RING SEALS, BACKUP WASHERS, PISTON RINGS & PISTON SEAL)											



GRAPHIC #1

<END>

g02307475

BRAKING SYSTEM

349-1689 ACCUMULATOR GP-HYDRAULIC-UNCHARGED

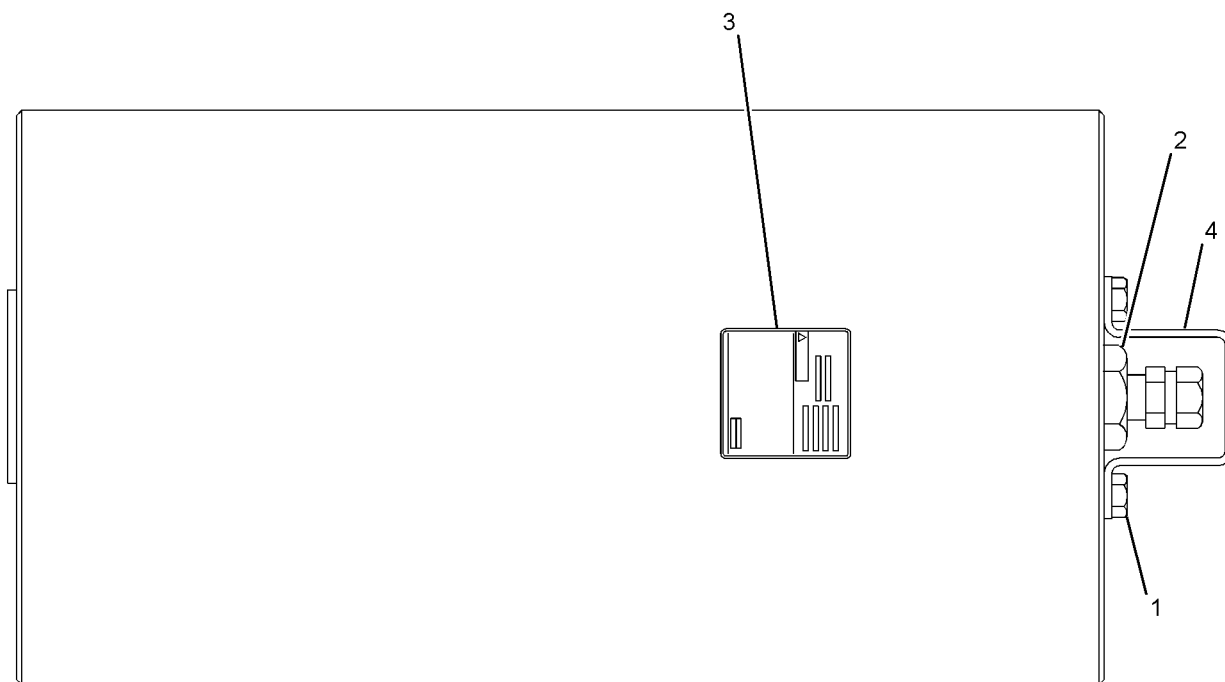
S/N: T4R1-UP

FIELD REPLACEMENT FOR 348-9291-PAGE 544

SMCS-4263

i04087450

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5M-3062	2	BOLT (3/8-16X0.75-IN)						
	2	1	222-2367	1	VALVE AS-GAS (HYDRAULIC ACCUMULATOR)						
		1	190-3850	1	CORE						
	3	1	241-0037	1	FILM-WARNING (HIGH PRESSURE, READ OMM)						
	4	1	111-9110	1	PROTECTOR-GAS VALVE						
AVAILABLE REPAIR KIT(S):											
			170-0493	1	KIT-SEAL (HYDRAULIC ACCUMULATOR)						
(INCLUDES O-RING SEALS, BACKUP WASHERS, PISTON RINGS & PISTON SEAL)											



GRAPHIC #1

<END>

g02309337

BRAKING SYSTEM

349-9306 ACCUMULATOR GP-HYDRAULIC-CHARGED

S/N: T4R1-UP

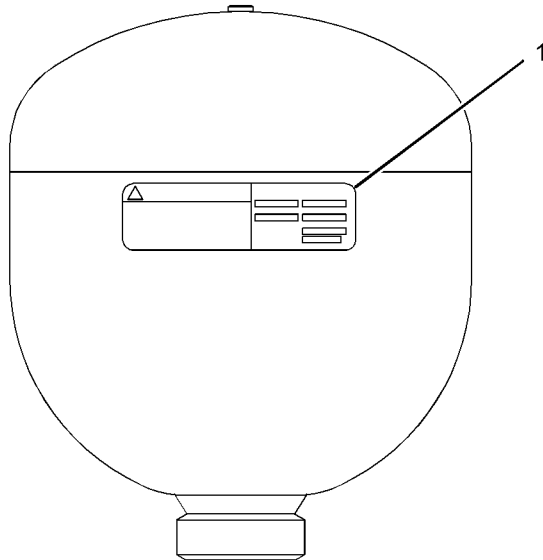
PART OF 291-8908 LINES GP-HOIST

FIELD REPLACEMENT ORDER 231-8982-PAGE 543

SMCS-4263

i04063110

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	204-8758	2	FILM-WARNING (HIGH PRESSURE CYLINDER)						



GRAPHIC #1

<END>

g02309460

BRAKING SYSTEM

160-7200 BRAKE GP-PARKING

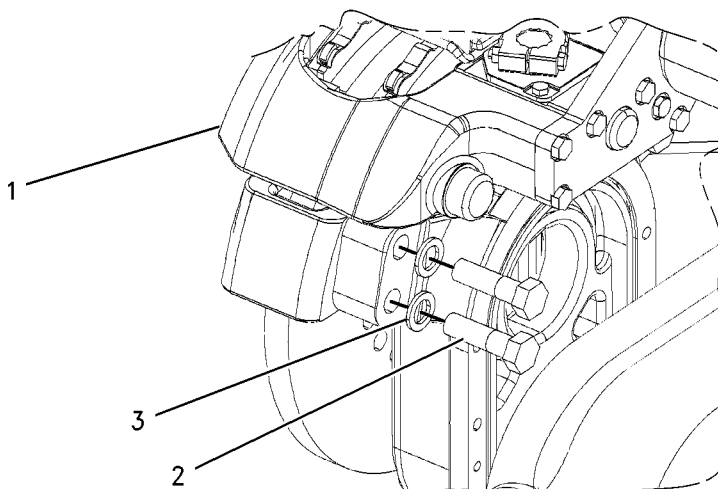
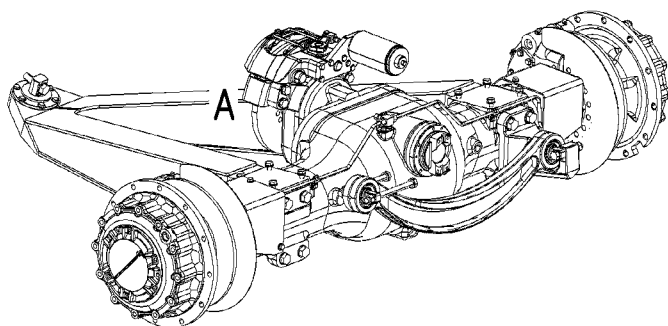
S/N: T4R1-UP

PART OF 328-3724 AXLE AR-CENTER

SMCS-4267

i03654990

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	160-8009	1	BRAKE GP-PARKING						548
	2	1	290-4164	4	BOLT (M20X1.5X80-MM)						
	3	1	198-4769	4	WASHER (22X40X10-MM THK)						
Y-SEPARATE ILLUSTRATION											



VIEW OF AREA A

GRAPHIC #1

<END>

g00804116

BRAKING SYSTEM

160-8009 BRAKE GP-PARKING

S/N: T4R1-UP

PART OF 160-7200 BRAKE GP-PARKING

SMCS-4267

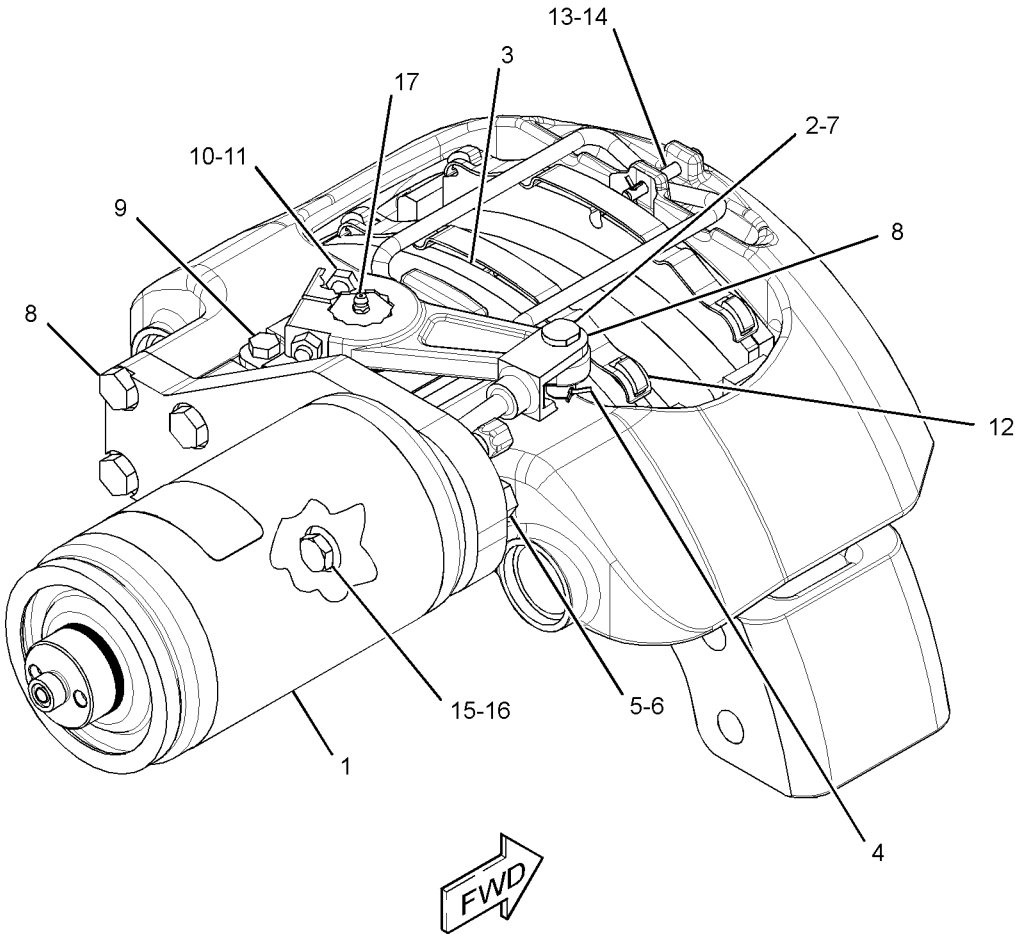
i04184754

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	206-0408	1	ACTUATOR AS-PARKING BRAKE	
		1	154-8042	1	ACTUATOR (PARKING BRAKE)	
		1	206-0407	1	BOOT	
W	2	1	172-3931	1	PIN	
	3	1	172-3932	2	SPACER	
W	4	1	3B-4610	1	PIN-COTTER	
	5	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)	
M	6	1	8T-4244	2	NUT (M12X1.75-THD)	
	7	1	346-0331	1	END-YOKE ROD	
PM	8	1	8C-8992	6	BOLT-LOCKING (M12X1.75X30-MM)	
UVM	9	1	8T-5091	2	BOLT (M8X1.25X20-MM)	
UVWM	10	1	8T-6869	1	BOLT (M8X1.25X60-MM)	
UVWM	11	1	5C-7261	1	NUT (M8X1.25-THD)	
J	12	1	172-3934	2	SPRING	
JTUV	13	1	6C-8608	1	PIN	
JUV	14	1	3B-4607	1	PIN-COTTER	
JPTU	15	1	172-3935	1	PLUG	
JPTU	16	1	4W-9026	1	GASKET	
U	17	1	6V-1506	1	FITTING-GREASE	
					AVAILABLE REPAIR KIT(S):	
P			279-9438	1	KIT-ADJUSTER	
					(ALSO INCLUDES GEARS, BOX, RINGS, SPRING & SCREW)	
			279-9439	1	KIT-SLEEVE	
					(INCLUDES BOLTS, PLATE, PINS, SEALS, PISTONS, SLEEVE ADJUSTERS, BLOCK, BEARING, RINGS, GEARS & CAP)	
T			279-9440	1	KIT-PIN	
					(ALSO INCLUDES BOLTS, PINS, SEALS, COTTER, CAPS & BUSHINGS)	
U			279-9441		KIT-SHAFT	
					(ALSO INCLUDES SHIELD, PLATE, BEARINGS, SEALS, WASHER, SHAFT & GASKETS)	
V			279-9442	1	KIT-BAR	
					(ALSO INCLUDES GASKET)	
J			279-9444	1	KIT-BRAKE LINING	
					(ALSO INCLUDES BRAKE SHOE AS)	
			279-9674	1	KIT-SEAL	
					(INCLUDES SEALS, BOLTS & CAP)	
			345-8544	1	KIT-BRAKE SADDLE	
					(INCLUDES SADDLE, CAPS & BOLTS)	
			342-9202	1	KIT-BEARING	
					(INCLUDES BEARINGS)	
W			267-3540	1	KIT-LEVER	
					(ALSO INCLUDES BEARING)	
C-CHANGE FROM PREVIOUS TYPE						
J-KIT MARKED J SERVICES PARTS MARKED J						
M-METRIC PART						
P-KIT MARKED P SERVICES PARTS MARKED P						
T-KIT MARKED T SERVICES PARTS MARKED T						
U-KIT MARKED U SERVICES PARTS MARKED U						
V-KIT MARKED V SERVICES PARTS MARKED V						
W-KIT MARKED W SERVICES PARTS MARKED W						

BRAKING SYSTEM

160-8009 BRAKE GP-PARKING (contd.)

i04184754



GRAPHIC #1

<END>

g02022189

BRAKING SYSTEM

217-6309 BRAKE GP-SERVICE

S/N: T4R1-UP

PART OF 371-0565 WHEEL GP-FINAL DRIVE & BRAKE

SMCS-4251

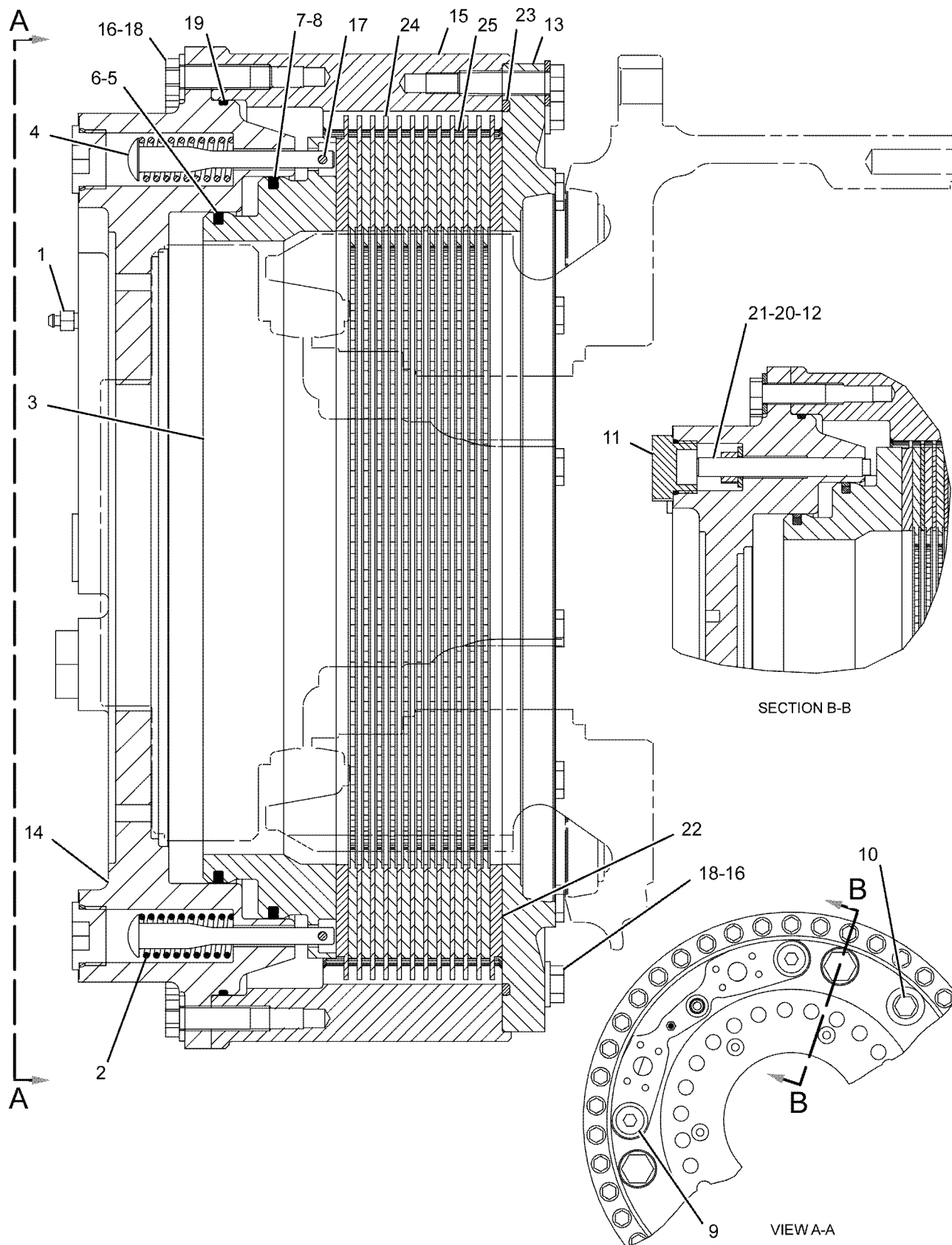
i02016061

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5H-3701	1	SCREW-PURGE						
	2	1	9J-5491	4	SPRING						
	3	1	133-9883	1	PISTON						
	4	1	134-2562	4	GUIDE						
	5	1	137-8116	1	RING-SEAL						
	6	1	137-8117	1	SEAL-RING						
	7	1	137-8118	1	RING-SEAL						
	8	1	137-8119	1	SEAL-RING						
	9	1	148-8406	4	PLUG AS						
					(EACH INCLUDES)						
		1	9S-9334	1	PLUG-O-RING						
		1	7M-8485	1	SEAL-O-RING						
10		1	148-8410	1	PLUG AS						
		1	2M-9780	1	SEAL-O-RING						
		1	9S-4190	1	PLUG-O-RING						
11	1	1	164-4180	3	PLUG AS						
					(EACH INCLUDES)						
		1	9S-4181	1	PLUG-O-RING						
		1	7M-8485	1	SEAL-O-RING						
12	1	1	195-3834	3	SETSCREW (M12X1.75X110-MM)						
13	1	1	217-6289	1	PLATE						
14	1	1	218-8119	1	ANCHOR						
15	1	1	218-8120	1	HOUSING						
16	1	1	5P-8245	59	WASHER-HARD (13.5X25.5X3-MM THK)						
17	1	1	6M-9155	4	PIN						
M	18	1	6V-8336	59	BOLT (M12X1.75X70-MM)						
	19	1	6W-4310	1	SEAL-O-RING						
	20	1	8T-4223	3	WASHER-HARD (13.5X25.5X3-MM THK)						
M	21	1	8T-4244	3	NUT (M12X1.75-THD)						
	22	1	8W-9707	2	DAMPER AS						
	23	1	9H-0846	1	SEAL-O-RING						
	24	1	9V-6164	10	PLATE-OUTER						
	25	1	9W-7020	11	DISC-FRICTION						
M-METRIC PART											

BRAKING SYSTEM

217-6309 BRAKE GP-SERVICE (contd.)

i02016061



GRAPHIC #1

<END>

g01042569

BRAKING SYSTEM

352-8231 CONTROL GP-PARKING BRAKE

S/N: T4R1-UP

PART OF 291-8802 HYDRAULIC AR

SMCS-4284

i03981971

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	6U-0456	3	STRAP	
	2	1	6V-0852	1	CAP-DUST	
I	3	1	128-4197	1	HOSE AS	
	4	1	148-8318	1	CONNECTOR AS	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-8634	1	CONNECTOR	
Y	5	1	163-5632	1	ACCUMULATOR GP-BRAKE (CHARGED)	536
	6	1	164-5567	1	COUPLER AS-QUICK DISCONNECT (MALE)	
		1	6V-3965	1	FITTING (QUICK DISCONNECT)	
		1	214-7568	1	SEAL-O-RING	
	7	1	171-1978	1	TUBE AS	
I	8	1	190-6278	1	HOSE AS	
Y	9	1	190-6290	1	VALVE GP-BRAKE CONTROL (PARKING)	577
	10	1	202-3063	1	BRACKET	
	11	1	222-5608	1	ELBOW AS	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-8398	1	SEAL-O-RING	
		1	222-5609	1	ELBOW	
	12	1	222-6869	1	CONNECTOR AS	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	9X-2614	1	CONNECTOR	
I	13	1	251-9991	1	HOSE AS	
	14	1	294-2547	1	ELBOW AS	
		1	3J-1907	1	SEAL-O-RING	
		1	101-4845	1	PLUG-ORIFICE	
		1	294-2630	1	ELBOW	
	15	1	352-6435	1	TUBE AS	
	16	1	148-8353	1	ELBOW AS	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-9001	1	ELBOW	
	17	1	148-8361	1	ELBOW AS	
		1	3J-7354	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-9200	1	ELBOW	
	18	1	148-8375	1	ELBOW AS	
		1	6V-8398	1	SEAL-O-RING	
		1	6V-8981	1	ELBOW	
	19	1	148-8377	1	ELBOW AS	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-8980	1	ELBOW	
	20	1	5P-4116	2	WASHER-HARD (8.8X20.5X2-MM THK)	
	21	1	6V-9168	1	NUT (11/16-16-THD)	
	22	1	6V-9169	1	NUT (13/16-16-THD)	
	23	1	7X-7729	2	WASHER (11X25X3-MM THK)	
	24	1	8T-1885	1	CLIP (SLOT)	
	25	1	8T-1886	1	CLIP (TAB)	
	26	1	8T-1887	1	CLIP (SLOT)	
	27	1	8T-1888	1	CLIP (TAB)	
	28	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)	
M	29	1	8T-4133	1	NUT (M10X1.5-THD)	
M	30	1	8T-4137	2	BOLT (M10X1.5X20-MM)	
M	31	1	8T-4195	1	BOLT (M10X1.5X30-MM)	
M	32	1	8T-6870	2	BOLT (M8X1.25X70-MM)	

BRAKING SYSTEM

352-8231 CONTROL GP-PARKING BRAKE (contd.)

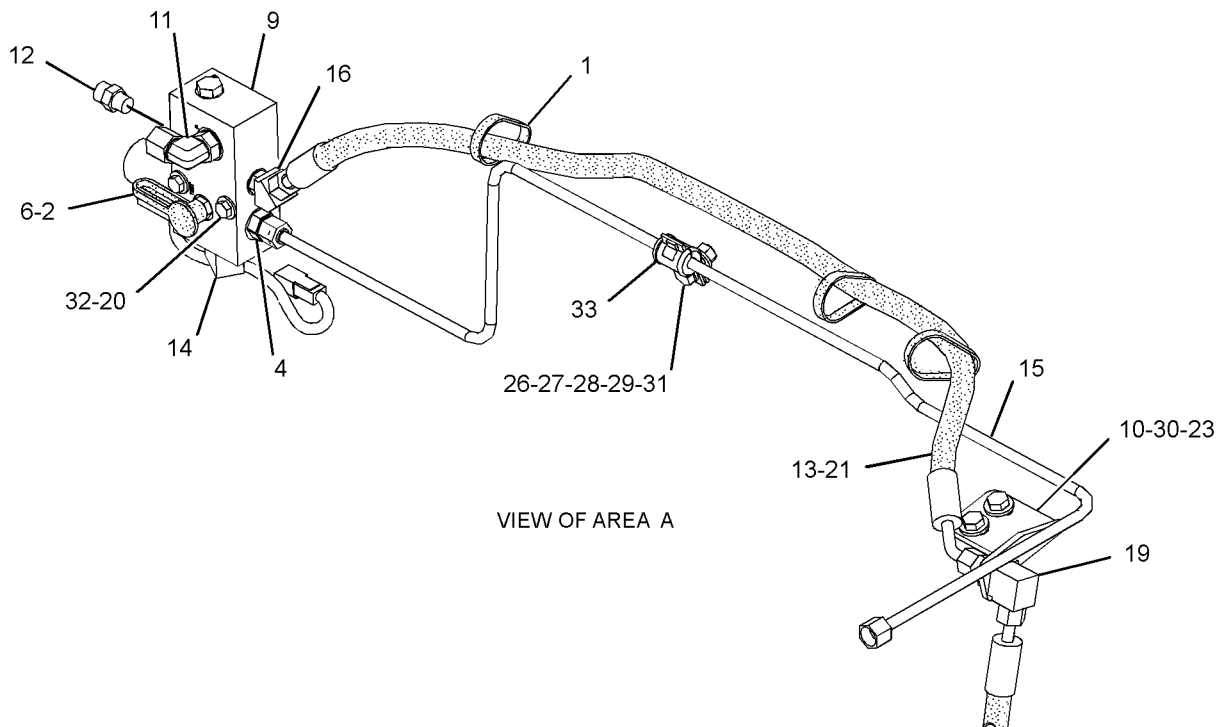
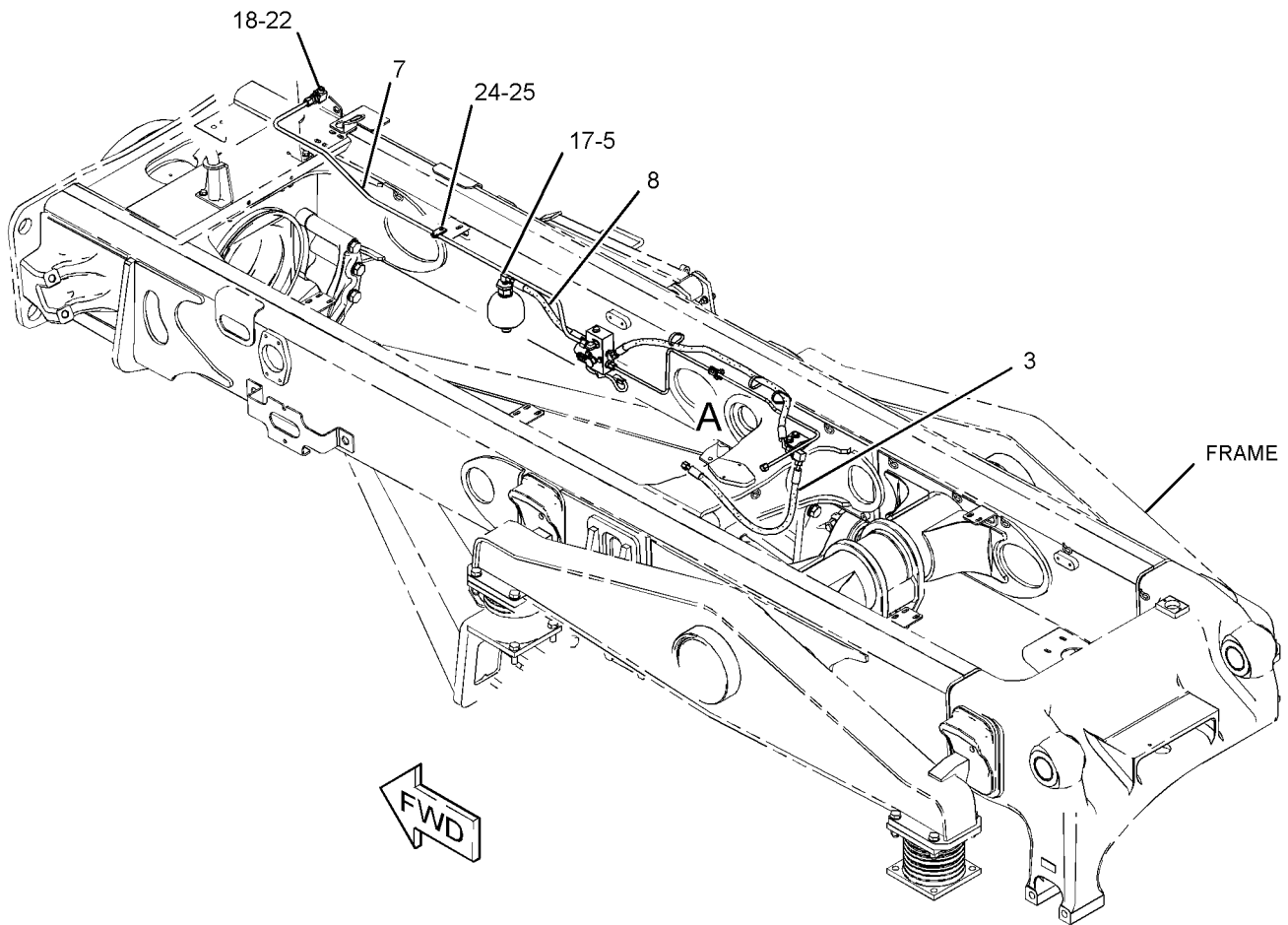
i03981971

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	33	1	8W-8909	1	SLEEVE						
I-REFER TO HYDRAULIC INFORMATION SYSTEM											
M-METRIC PART											
Y-SEPARATE ILLUSTRATION											

BRAKING SYSTEM

352-8231 CONTROL GP-PARKING BRAKE (contd.)

i03981971



GRAPHIC #1

<END>

g02311698

BRAKING SYSTEM

324-7415 CONTROL GP-SERVICE BRAKE

S/N: T4R1-UP

PART OF 324-7002 CAB AR

SMCS-4269

i04171152

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	6N-6984	10	MOUNT-RUBBER	
	2	1	6U-0456	1	STRAP	
	3	2	6V-0852	2	CAP-DUST	
	4	2	9F-2167	2	SCREW-PURGE (3/8-24X1.164-IN)	
	5	2	108-8393	2	CAP	
I	6	1	125-9481	1	HOSE AS	
	7	2	141-3983	2	SPACER (11X19X48-MM THK)	
	8	2	164-5586	2	TEE AS	
					(EACH INCLUDES)	
		2	6V-8398	1	SEAL-O-RING	
		2	7X-0871	1	TEE	
I	9	1	165-9993	1	HOSE AS	
	10	2	180-8145	1	SEAL	
	11	2	180-9286	2	TEE AS	
					(EACH INCLUDES)	
		2	3D-2824	1	SEAL-O-RING	
		2	3E-2345	1	TEE-O-RING	
		2	6V-9746	1	SEAL-O-RING	
	12	2	183-3873	1	BREATHER (BRAKE CONTROL VALVE)	
I	13	1	208-7973	1	HOSE AS	
I	14	1	208-7974	1	HOSE AS	
I	15	1	208-7975	1	HOSE AS	
I	16	1	209-9136	1	HOSE AS	
	17	2	340-5200	1	TUBE AS	
	18	2	340-5201	1	TUBE AS	
Y	19	2	342-3828	1	ACCUMULATOR GP-BRAKE (SERVICE)	540
I	20	1	343-5501	1	HOSE AS	
I	21	1	343-5502	1	HOSE AS	
Y	22	2	351-0628	1	VALVE GP-BRAKE CONTROL (SERVICE)	579
	23	2	354-0737	1	PLATE	
	24	2	358-8792	1	TUBE AS	
	25	2	358-8793	1	TUBE AS	
	26	2	148-8340	2	CONNECTOR AS	
					(EACH INCLUDES)	
		2	3K-0360	1	SEAL-O-RING	
		2	6V-8398	1	SEAL-O-RING	
		2	6V-8639	1	CONNECTOR	
	27	2	148-8364	4	ELBOW AS	
					(EACH INCLUDES)	
		2	3K-0360	1	SEAL-O-RING	
		2	6V-8398	1	SEAL-O-RING	
		2	6V-8625	1	ELBOW	
	28	2	148-8427	2	TEE AS	
					(EACH INCLUDES)	
		2	6V-8398	3	SEAL-O-RING	
		2	8T-6895	1	TEE-UNION	
	29	2	148-8457	4	UNION AS	
					(EACH INCLUDES)	
		2	6V-8398	2	SEAL-O-RING	
		2	6V-8995	1	UNION	
	30	2	164-5567	2	COUPLER AS-QUICK DISCONNECT (MALE)	
					(EACH INCLUDES)	
		2	6V-3965	1	FITTING (QUICK DISCONNECT)	
		2	214-7568	1	SEAL-O-RING	
	31	2	164-5580	1	TEE AS	
		2	6V-8398	2	SEAL-O-RING	

BRAKING SYSTEM

324-7415 CONTROL GP-SERVICE BRAKE (contd.)

i04171152

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	6V-9489	1	TEE-BULKHEAD						
		2	6V-9746	1	SEAL-O-RING						
	32	2	164-6864	2	ELBOW AS						
					(EACH INCLUDES)						
		2	6V-8398	1	SEAL-O-RING						
		2	7J-9108	1	SEAL-O-RING						
		2	8T-1810	1	ELBOW						
	33	2	329-5525	2	ADAPTER AS						
					(EACH INCLUDES)						
		2	6G-3432	1	ADAPTER						
		2	214-7568	1	SEAL-O-RING						
	34	2	6V-1228	1	CLIP						
	35	2	6V-9169	11	NUT (13/16-16-THD)						
	36	2	8M-4069	10	WASHER (10.3X38.1X5-MM THK)						
	37	2	8T-4121	15	WASHER-HARD (11X21X2.5-MM THK)						
	38	2	8T-4123	2	WASHER (22X35X3.5-MM THK)						
M	39	2	8T-4186	2	BOLT (M10X1.5X40-MM)						
M	40	2	8T-4191	3	BOLT (M10X1.5X16-MM)						
M	41	2	8T-4195	2	BOLT (M10X1.5X30-MM)						
M	42	2	8T-4196	6	BOLT (M10X1.5X35-MM)						
M	43	2	8T-5005	2	BOLT (M10X1.5X70-MM)						
	44	2	9X-8250	3	CLIP						

I-REFER TO HYDRAULIC INFORMATION SYSTEM

M-METRIC PART

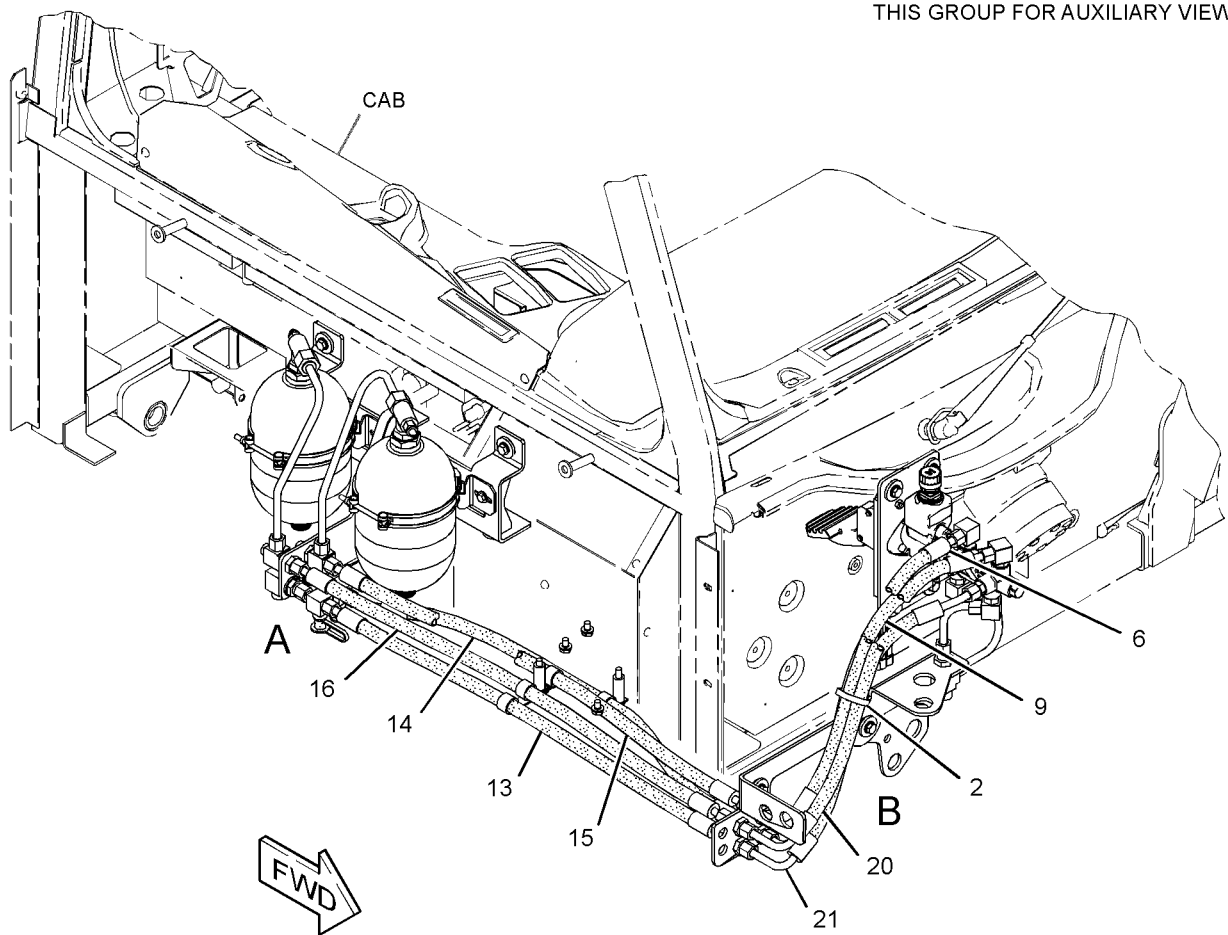
Y-SEPARATE ILLUSTRATION

BRAKING SYSTEM

324-7415 CONTROL GP-SERVICE BRAKE (contd.)

i04171152

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



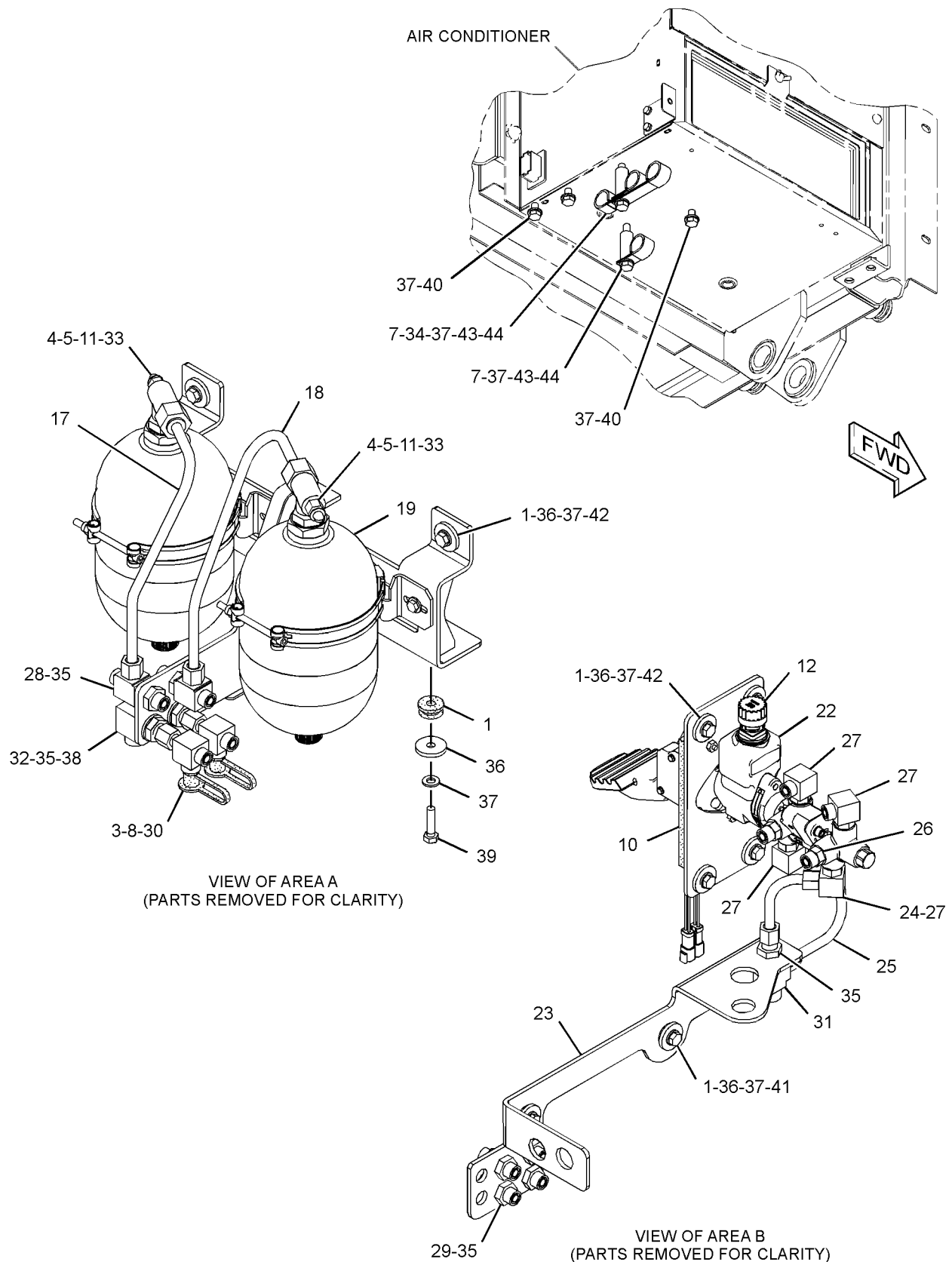
GRAPHIC #1

g02401817

BRAKING SYSTEM

324-7415 CONTROL GP-SERVICE BRAKE (contd.)

i04171152



GRAPHIC #2

<END>

g02401918

BRAKING SYSTEM

347-9518 CONTROL GP-SERVICE BRAKE-COLD WEATHER

S/N: T4R1-UP

PART OF 351-5932 STARTING AR-COLD WEATHER
AN ATTACHMENT

SMCS-4269

i04089789

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	2W-9710	3	MOUNT AS						
	2	2	3E-2345	2	TEE-O-RING						
	3	2	6N-6984	9	MOUNT-RUBBER						
	4	1	6U-0456	1	STRAP						
	5	2	6V-0852	2	CAP-DUST						
	6	2	9F-2167	2	SCREW-PURGE (3/8-24X1.164-IN)						
	7	2	108-8393	2	CAP						
I	8	1	125-9481	1	HOSE AS						
	9	1	141-3983	2	SPACER (11X19X48-MM THK)						
	10	2	164-5586	2	TEE AS						
					(EACH INCLUDES)						
		2	6V-8398	1	SEAL-O-RING						
		2	7X-0871	1	TEE						
I	11	1	165-9993	1	HOSE AS						
	12	2	169-7403	2	ADAPTER AS						
					(EACH INCLUDES)						
		2	3J-1907	1	SEAL-O-RING						
		2	6G-3432	1	ADAPTER						
	13	2	180-8145	1	SEAL						
	14	1	183-3873	1	BREATHER (BRAKE CONTROL VALVE)						
I	15	1	208-7973	1	HOSE AS						
I	16	1	208-7974	1	HOSE AS						
I	17	1	208-7975	1	HOSE AS						
I	18	1	209-9136	1	HOSE AS						
Y	19	2	251-1446	1	ACCUMULATOR & MTG GP-BRAKE (COLD WEATHER)						534
	20	2	251-1934	1	TUBE AS						
	21	2	251-1935	1	TUBE AS						
I	22	1	343-5501	1	HOSE AS						
I	23	1	343-5502	1	HOSE AS						
Y	24	2	351-0628	1	VALVE GP-BRAKE CONTROL (SERVICE)						579
	25	2	354-0737	1	PLATE						
	26	2	358-8792	1	TUBE AS						
	27	2	358-8793	1	TUBE AS						
	28	2	148-8340	2	CONNECTOR AS						
					(EACH INCLUDES)						
		2	3K-0360	1	SEAL-O-RING						
		2	6V-8398	1	SEAL-O-RING						
		2	6V-8639	1	CONNECTOR						
	29	1, 2	148-8364	4	ELBOW AS						
					(EACH INCLUDES)						
		1, 2	3K-0360	1	SEAL-O-RING						
		1, 2	6V-8398	1	SEAL-O-RING						
		1, 2	6V-8625	1	ELBOW						
	30	2	148-8418	2	REDUCER AS						
					(EACH INCLUDES)						
		2	6V-8398	1	SEAL-O-RING						
		2	6V-8942	1	REDUCER-O-RING						
	31	2	148-8427	2	TEE AS						
					(EACH INCLUDES)						
		2	6V-8398	3	SEAL-O-RING						
		2	8T-6895	1	TEE-UNION						
	32	2	148-8457	4	UNION AS						
					(EACH INCLUDES)						
		2	6V-8398	2	SEAL-O-RING						
		2	6V-8995	1	UNION						

BRAKING SYSTEM

347-9518 CONTROL GP-SERVICE BRAKE (contd.)

i04089789

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	33	2	164-5567	2	COUPLER AS-QUICK DISCONNECT (MALE)						
					(EACH INCLUDES)						
		2	6V-3965	1	FITTING (QUICK DISCONNECT)						
		2	214-7568	1	SEAL-O-RING						
	34	2	164-5580	1	TEE AS						
		2	6V-8398	2	SEAL-O-RING						
		2	6V-9489	1	TEE-BULKHEAD						
		2	6V-9746	1	SEAL-O-RING						
	35	2	164-6864	2	ELBOW AS						
					(EACH INCLUDES)						
		2	6V-8398	1	SEAL-O-RING						
		2	7J-9108	1	SEAL-O-RING						
		2	8T-1810	1	ELBOW						
	36	2	3D-2824	2	SEAL-O-RING						
	37	1	6V-1228	1	CLIP						
	38	2	6V-9169	9	NUT (13/16-16-THD)						
	39	2	6V-9746	2	SEAL-O-RING						
	40	2	8M-4069	12	WASHER (10.3X38.1X5-MM THK)						
	41	1, 2	8T-4121	17	WASHER-HARD (11X21X2.5-MM THK)						
M	42	2	8T-4186	7	BOLT (M10X1.5X40-MM)						
M	43	1	8T-4191	3	BOLT (M10X1.5X16-MM)						
M	44	2	8T-4195	2	BOLT (M10X1.5X30-MM)						
M	45	2	8T-4196	3	BOLT (M10X1.5X35-MM)						
M	46	1	8T-5005	2	BOLT (M10X1.5X70-MM)						
	47	2	9X-6580	2	NUT (1-3/16-12-THD)						
	48	1	9X-8250	3	CLIP						

I-REFER TO HYDRAULIC INFORMATION SYSTEM

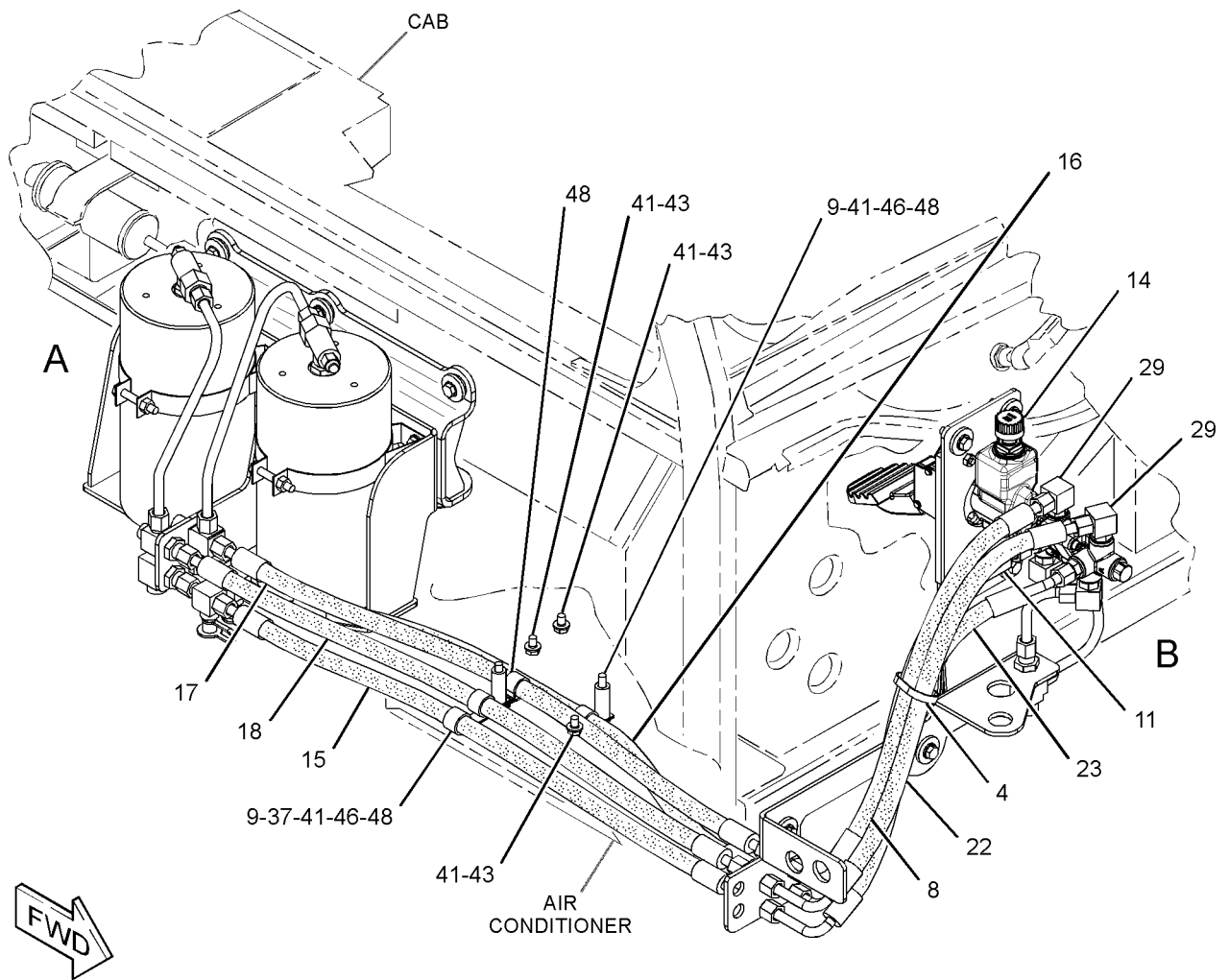
M-METRIC PART

Y-SEPARATE ILLUSTRATION

BRAKING SYSTEM

347-9518 CONTROL GP-SERVICE BRAKE (contd.)

i04089789



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

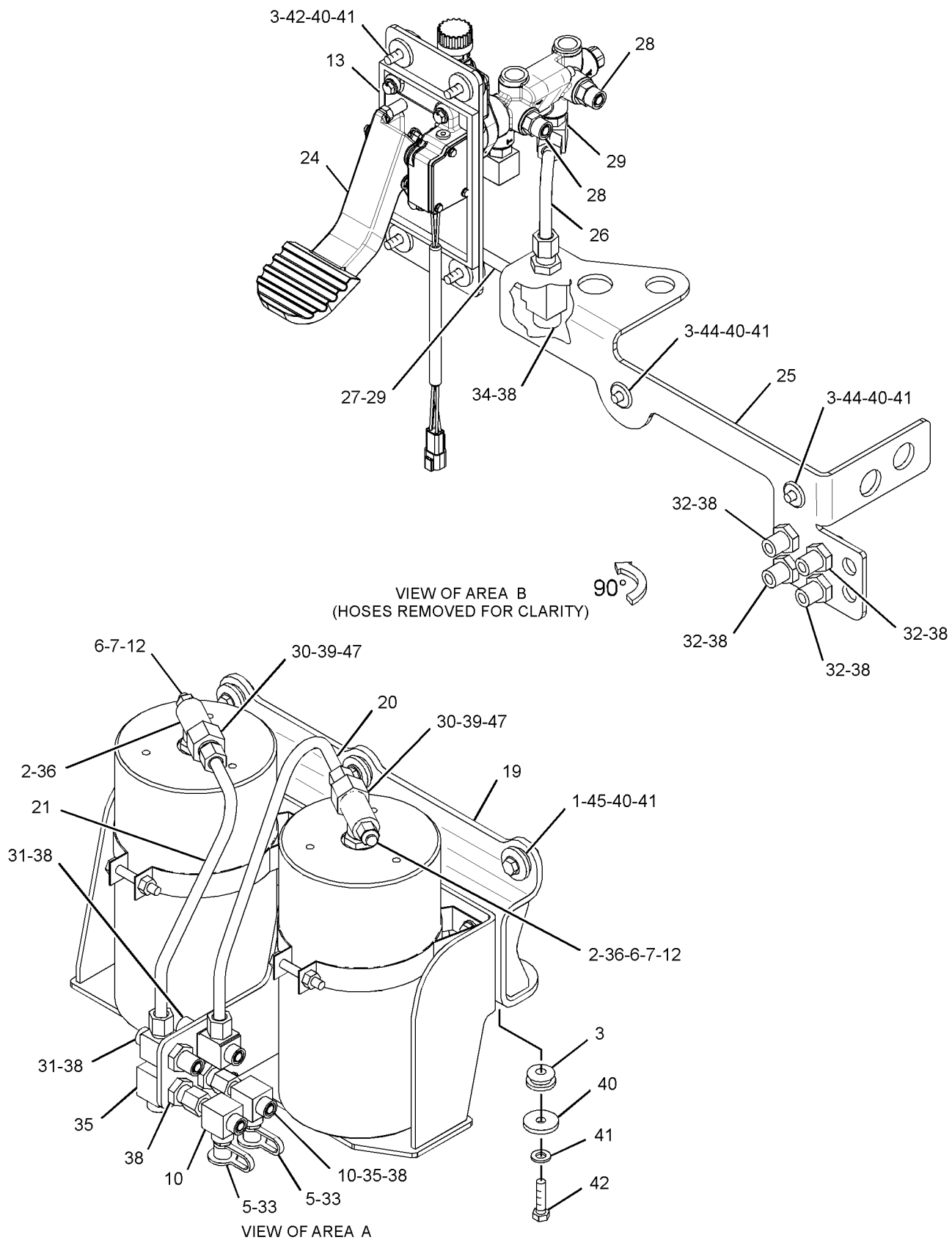
g02308936

GRAPHIC #1

BRAKING SYSTEM

347-9518 CONTROL GP-SERVICE BRAKE (contd.)

i04089789



GRAPHIC #2

<END>

g02308937

BRAKING SYSTEM

354-0748 CONTROL GP-SERVICE BRAKE-COLD WEATHER

S/N: T4R1-UP

PART OF 361-5265 STARTING AR-COLD WEATHER
AN ATTACHMENT

SMCS-4269

i04108051

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	2W-9710	3	MOUNT AS	
	2	2	3E-2345	2	TEE-O-RING	
	3	2	6N-6984	9	MOUNT-RUBBER	
	4	1	6U-0456	1	STRAP	
	5	2	6V-0852	2	CAP-DUST	
	6	2	9F-2167	2	SCREW-PURGE (3/8-24X1.164-IN)	
	7	2	108-8393	2	CAP	
I	8	1	125-9481	1	HOSE AS	
	9	1	141-3983	2	SPACER (11X19X48-MM THK)	
	10	2	164-5586	2	TEE AS	
					(EACH INCLUDES)	
		1	6V-8398	1	SEAL-O-RING	
		1	7X-0871	1	TEE	
I	11	1	165-9993	1	HOSE AS	
	12	2	169-7403	2	ADAPTER AS	
					(EACH INCLUDES)	
		2	3J-1907	1	SEAL-O-RING	
		2	6G-3432	1	ADAPTER	
	13	2	180-8145	1	SEAL	
	14	1	183-3873	1	BREATHER (BRAKE CONTROL VALVE)	
I	15	1	208-7973	1	HOSE AS	
I	16	1	208-7974	1	HOSE AS	
I	17	1	208-7975	1	HOSE AS	
I	18	1	209-9136	1	HOSE AS	
	19	2	251-1934	1	TUBE AS	
	20	2	251-1935	1	TUBE AS	
I	21	1	343-5501	1	HOSE AS	
I	22	1	343-5502	1	HOSE AS	
Y	23	2	351-0628	1	VALVE GP-BRAKE CONTROL (SERVICE)	579
	24	2	354-0737	1	PLATE	
Y	25	2	358-7609	1	ACCUMULATOR & MTG GP-BRAKE (COLD WEATHER)	535
	26	2	358-8792	1	TUBE AS	
	27	2	358-8793	1	TUBE AS	
	28	2	148-8340	2	CONNECTOR AS	
					(EACH INCLUDES)	
		2	3K-0360	1	SEAL-O-RING	
		2	6V-8398	1	SEAL-O-RING	
		2	6V-8639	1	CONNECTOR	
	29	1, 2	148-8364	4	ELBOW AS	
					(EACH INCLUDES)	
		1, 2	3K-0360	1	SEAL-O-RING	
		1, 2	6V-8398	1	SEAL-O-RING	
		1, 2	6V-8625	1	ELBOW	
	30	2	148-8418	2	REDUCER AS	
					(EACH INCLUDES)	
		2	6V-8398	1	SEAL-O-RING	
		2	6V-8942	1	REDUCER-O-RING	
	31	2	148-8427	2	TEE AS	
					(EACH INCLUDES)	
		2	6V-8398	3	SEAL-O-RING	
		2	8T-6895	1	TEE-UNION	
	32	2	148-8457	4	UNION AS	
					(EACH INCLUDES)	
		2	6V-8398	2	SEAL-O-RING	
		2	6V-8995	1	UNION	

BRAKING SYSTEM

354-0748 CONTROL GP-SERVICE BRAKE (contd.)

i04108051

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	33	2	164-5567	2	COUPLER AS-QUICK DISCONNECT (MALE) (EACH INCLUDES)	
		2	6V-3965	1	FITTING (QUICK DISCONNECT)	
		2	214-7568	1	SEAL-O-RING	
	34	2	164-5580	1	TEE AS	
		2	6V-8398	2	SEAL-O-RING	
		2	6V-9489	1	TEE-BULKHEAD	
		2	6V-9746	1	SEAL-O-RING	
	35	2	164-6864	2	ELBOW AS (EACH INCLUDES)	
		2	6V-8398	1	SEAL-O-RING	
		2	7J-9108	1	SEAL-O-RING	
		2	8T-1810	1	ELBOW	
	36	2	3D-2824	2	SEAL-O-RING	
	37	1	6V-1228	1	CLIP	
	38	2	6V-9169	9	NUT (13/16-16-THD)	
	39	2	6V-9746	2	SEAL-O-RING	
	40	2	8M-4069	12	WASHER (10.3X38.1X5-MM THK)	
	41	1, 2	8T-4121	17	WASHER-HARD (11X21X2.5-MM THK)	
M	42	2	8T-4186	7	BOLT (M10X1.5X40-MM)	
M	43	1	8T-4191	3	BOLT (M10X1.5X16-MM)	
M	44	2	8T-4195	2	BOLT (M10X1.5X30-MM)	
M	45	2	8T-4196	3	BOLT (M10X1.5X35-MM)	
M	46	1	8T-5005	2	BOLT (M10X1.5X70-MM)	
	47	2	9X-6580	2	NUT (1-3/16-12-THD)	
	48	1	9X-8250	3	CLIP	

I-REFER TO HYDRAULIC INFORMATION SYSTEM

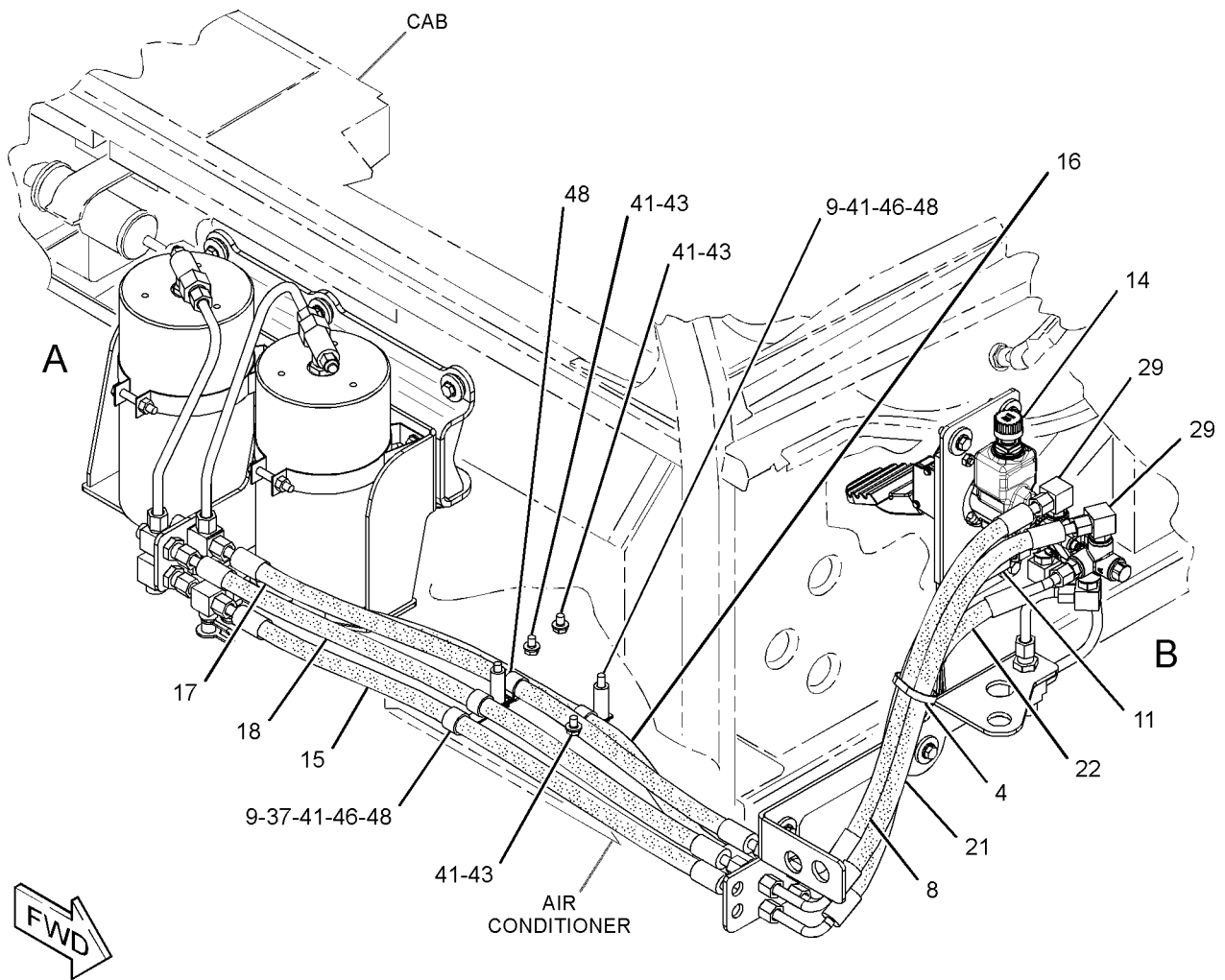
M-METRIC PART

Y-SEPARATE ILLUSTRATION

BRAKING SYSTEM

354-0748 CONTROL GP-SERVICE BRAKE (contd.)

i04108051



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

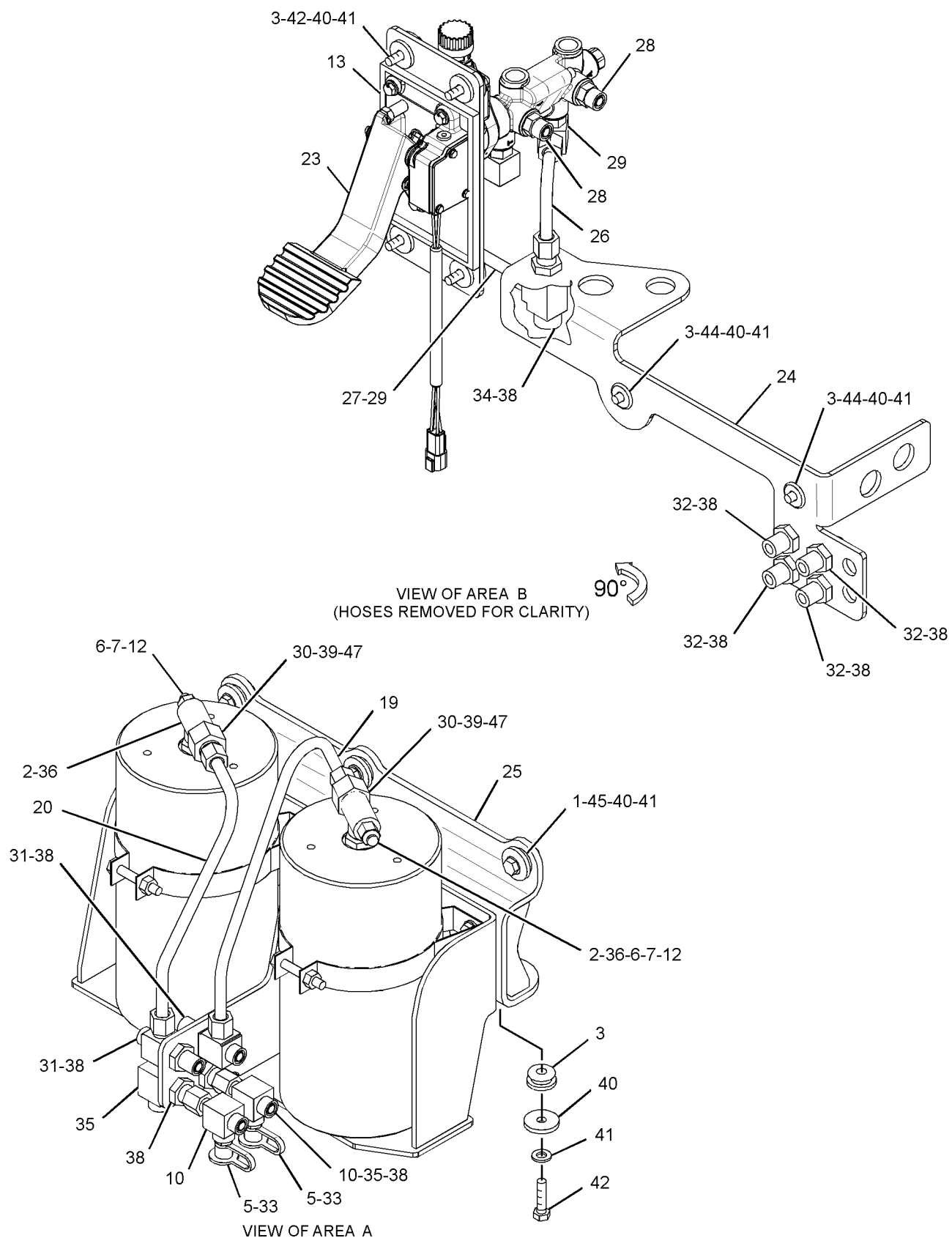
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GRAPHIC #1

BRAKING SYSTEM

354-0748 CONTROL GP-SERVICE BRAKE (contd.)

i04108051



GRAPHIC #2

<END>

g02350862

BRAKING SYSTEM

346-9299 LINES GP-BRAKE COOLING

S/N: T4R1-UP

PART OF 291-8802 HYDRAULIC AR

SMCS-1374, 4257

i04171710

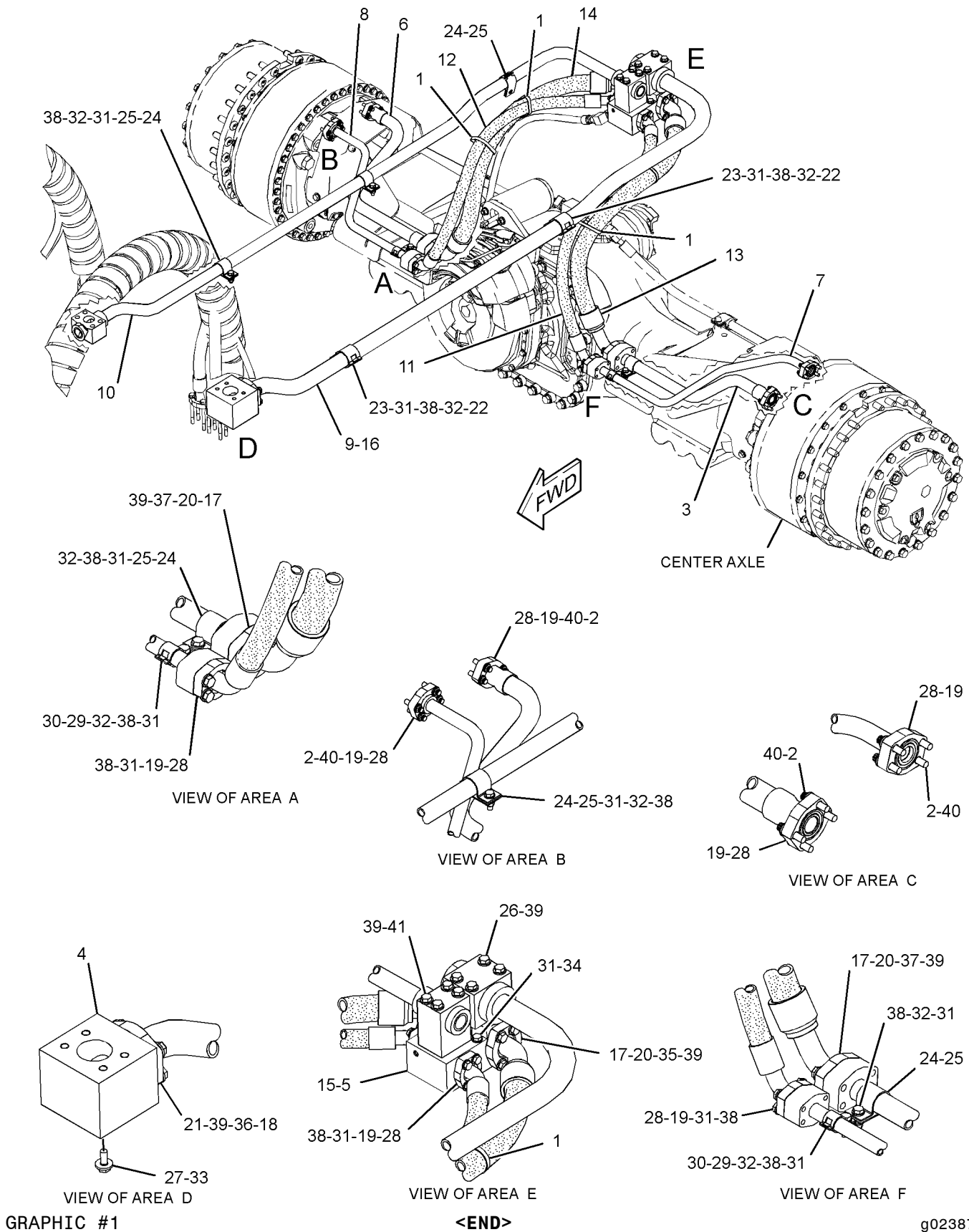
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6U-0456	4	STRAP						
M	2	1	118-9573	16	BOLT-12 POINT HEAD (M10X1.5X35-MM)						
	3	1	349-3281	1	TUBE AS						
	4	1	349-4661	1	MANIFOLD						
	5	1	349-4662	1	MANIFOLD						
	6	1	349-4663	1	TUBE AS						
	7	1	351-7191	1	TUBE AS						
	8	1	351-7192	1	TUBE AS						
	9	1	354-3983	1	TUBE AS						
	10	1	364-1716	1	TUBE AS						
I	11	1	364-8701	1	HOSE AS						
I	12	1	364-8702	1	HOSE AS						
I	13	1	364-8703	1	HOSE AS						
I	14	1	364-8704	1	HOSE AS						
	15	1	1P-3705	1	SEAL-RECTANGULAR						
	16	1	1P-3708	1	SEAL-RECTANGULAR						
	17	1	1P-4579	8	FLANGE-HALF						
	18	1	1P-4582	2	FLANGE-HALF						
	19	1	4J-0520	8	SEAL-O-RING						
	20	1	4J-0524	4	SEAL-O-RING						
	21	1	4J-0527	1	SEAL-O-RING						
	22	1	5P-7468	2	CLIP (SLOT)						
	23	1	5P-7469	2	CLIP (TAB)						
	24	1	7S-8920	5	CLIP (SLOT)						
	25	1	7S-8921	5	CLIP (TAB)						
M	26	1	7X-2550	4	BOLT (M12X1.75X110-MM)						
	27	1	7X-7729	4	WASHER (11X25X3-MM THK)						
	28	1	8C-3206	16	FLANGE-HALF						
	29	1	8T-1889	2	CLIP (SLOT)						
	30	1	8T-1890	2	CLIP (TAB)						
	31	1	8T-4121	34	WASHER-HARD (11X21X2.5-MM THK)						
M	32	1	8T-4133	8	NUT (M10X1.5-THD)						
M	33	1	8T-4136	4	BOLT (M10X1.5X25-MM)						
M	34	1	8T-4178	2	BOLT (M10X1.5X90-MM)						
M	35	1	8T-4183	8	BOLT (M12X1.75X40-MM)						
M	36	1	8T-4184	4	BOLT (M12X1.75X45-MM)						
M	37	1	8T-4194	8	BOLT (M12X1.75X50-MM)						
M	38	1	8T-4196	24	BOLT (M10X1.5X35-MM)						
	39	1	8T-4223	28	WASHER-HARD (13.5X25.5X3-MM THK)						
	40	1	8T-4896	16	WASHER-HARD (10.2X18.5X2.5-MM THK)						
M	41	1	8T-5001	4	BOLT (M12X1.75X130-MM)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART

BRAKING SYSTEM

346-9299 LINES GP-BRAKE COOLING (contd.)

i04171710



BRAKING SYSTEM

226-7366 LINES GP-SERVICE BRAKE-AXLE, CENTER

S/N: T4R1-UP

PART OF 325-7004 AXLE GP-CENTER

SMCS-4257

i01822799

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	163-8374	1	HOSE AS						
I	2	1	190-6281	1	HOSE AS						
	3	1	224-2454	1	MANIFOLD AS						
	4	1	150-3037	1	ELBOW AS						
		1	3K-0360	1	SEAL-O-RING						
		1	7J-9108	1	SEAL-O-RING						
		1	8T-2530	1	ELBOW						
	5	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						
	6	1	155-3504	2	ELBOW AS						
					(EACH INCLUDES)						
		1	2M-9780	1	SEAL-O-RING						
		1	6V-9003	1	ELBOW						
		1	7J-9108	1	SEAL-O-RING						
	7	1	3J-5696	2	PIPE						
	8	1	5P-1076	2	WASHER-HARD (13.5X30X4-MM THK)						
	9	1	5P-7464	2	CLIP (SLOT)						
	10	1	5P-7465	2	CLIP (TAB)						
	11	1	6V-7359	2	GROMMET						
	12	1	7X-7729	2	WASHER (11X25X3-MM THK)						
M	13	1	8T-4179	2	BOLT (M12X1.75X20-MM)						
M	14	1	8T-4185	2	BOLT (M10X1.5X50-MM)						

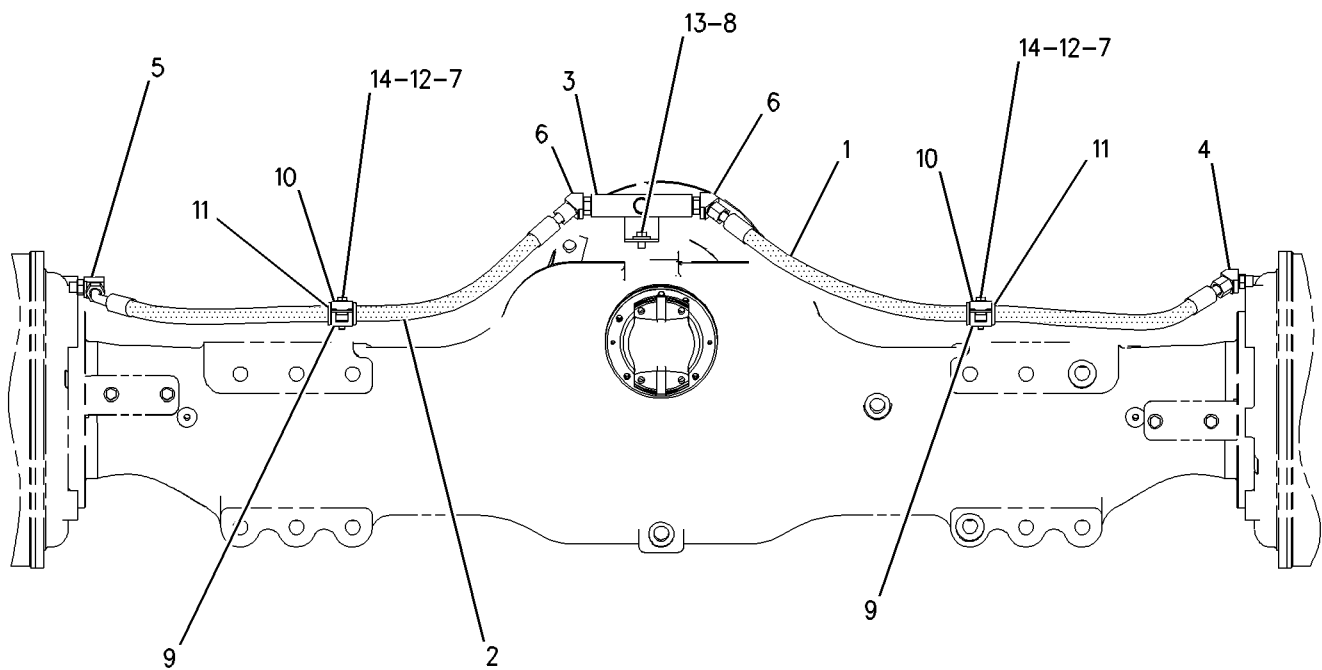
I-REFER TO HYDRAULIC INFORMATION SYSTEM

M-METRIC PART

BRAKING SYSTEM

226-7366 LINES GP-SERVICE BRAKE (contd.)

i01822799



GRAPHIC #1

<END>

g00932328

BRAKING SYSTEM

291-8777 LINES GP-SERVICE BRAKE

S/N: T4R1-UP

PART OF 291-8791 HYDRAULIC AR

SMCS-4257

i04169591

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6U-0456	1	STRAP						
I	2	1	193-0849	1	HOSE AS						
I	3	1	207-9519	1	HOSE AS						
	4	1	219-1393	1	BRACKET						
I	5	1	341-2972	1	HOSE AS						
	6	1	148-8354	1	ELBOW AS						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8398	1	SEAL-O-RING						
		1	6V-9002	1	ELBOW						
	7	1	148-8375	1	ELBOW AS						
		1	6V-8398	1	SEAL-O-RING						
		1	6V-8981	1	ELBOW						
	8	1	148-8382	1	ELBOW AS						
		1	3D-2824	1	SEAL-O-RING						
		1	7J-9108	1	SEAL-O-RING						
		1	8T-0404	1	ELBOW						
	9	1	169-7404	1	ELBOW AS						
		1	6V-8982	1	ELBOW						
		1	7J-9108	2	SEAL-O-RING						
	10	1	5P-7464	3	CLIP (SLOT)						
	11	1	5P-7465	3	CLIP (TAB)						
	12	1	5P-7470	1	CLIP (SLOT)						
	13	1	5P-7471	1	CLIP (TAB)						
	14	1	5P-7703	1	GROMMET						
	15	1	6V-1867	1	CLIP (SLOT)						
	16	1	6V-1868	1	CLIP (TAB)						
	17	1	6V-1869	1	GROMMET						
	18	1	6V-7359	1	GROMMET						
	19	1	6V-9169	1	NUT (13/16-16-THD)						
	20	1	6V-9170	1	NUT-BULKHEAD (1-14-THD)						
	21	1	8T-2920	2	GROMMET						
	22	1	8T-4123	1	WASHER (22X35X3.5-MM THK)						
M	23	1	8T-4139	1	BOLT (M12X1.75X30-MM)						
	24	1	8T-4167	1	WASHER-HARD (26X44X4-MM THK)						
M	25	1	8T-4183	2	BOLT (M12X1.75X40-MM)						
	26	1	8T-4223	5	WASHER-HARD (13.5X25.5X3-MM THK)						
M	27	1	8T-4244	1	NUT (M12X1.75-THD)						
M	28	1	8T-4956	1	BOLT (M12X1.75X35-MM)						

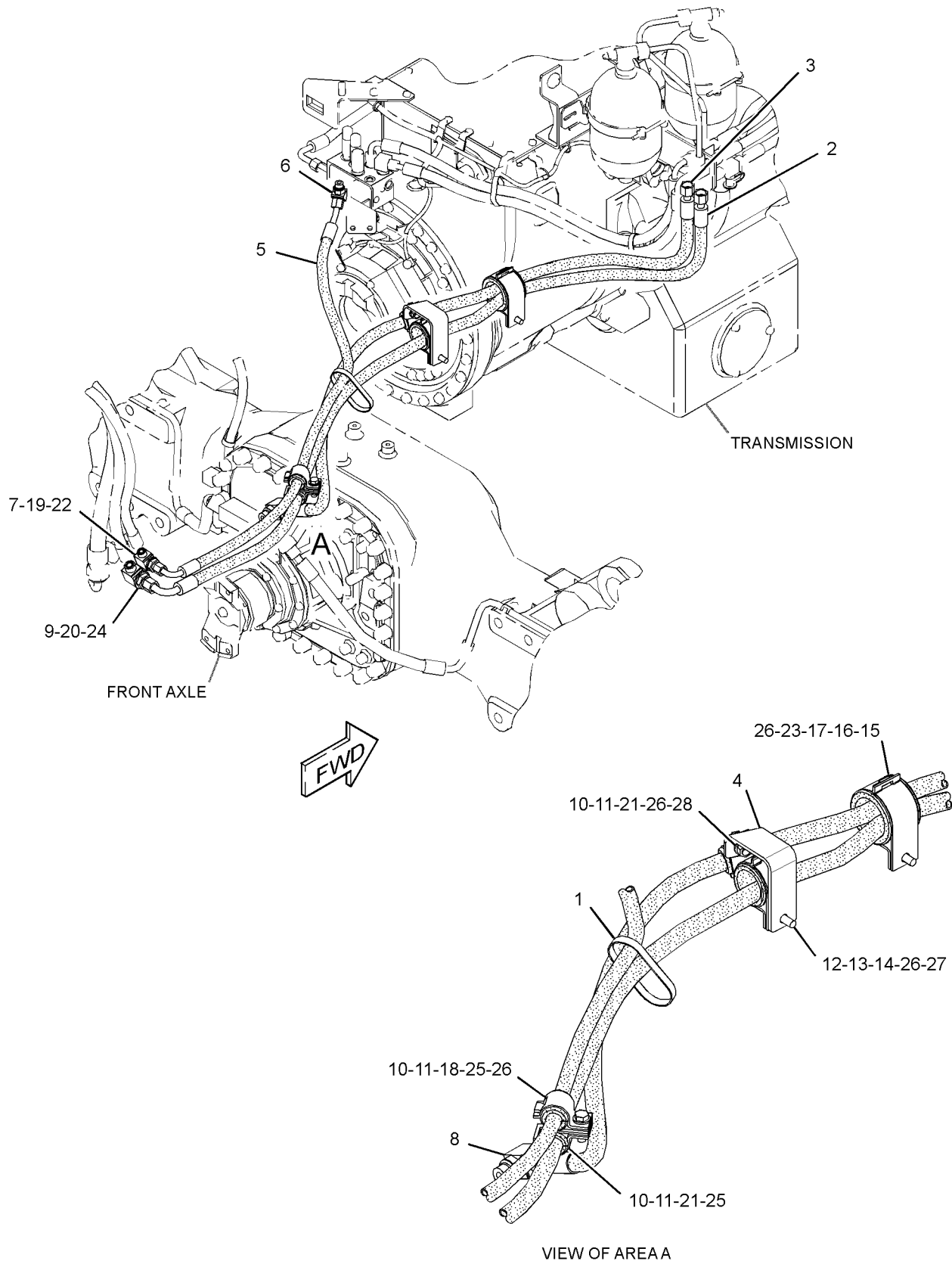
I-REFER TO HYDRAULIC INFORMATION SYSTEM

M-METRIC PART

BRAKING SYSTEM

291-8777 LINES GP-SERVICE BRAKE (contd.)

i04169591



GRAPHIC #1

<END>

g02392516

BRAKING SYSTEM

349-4658 LINES GP-SERVICE BRAKE-AXLE, FRONT

S/N: T4R1-UP

PART OF 325-7003 AXLE GP-FRONT

SMCS-4257

i04041652

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	9R-3695	2	HOSE AS						
	2	1	151-9817	1	BRACKET AS						
M		1	8T-3597	2	NUT-WELD (M12X1.75-THD)						
	3	1	198-6824	1	TUBE AS						
	4	1	224-2454	1	MANIFOLD AS						
	5	1	350-2989	1	TUBE AS						
	6	1	148-8342	2	CONNECTOR AS						
					(EACH INCLUDES)						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8632	1	CONNECTOR						
		1	7J-9108	1	SEAL-O-RING						
	7	1	155-3504	2	ELBOW AS						
					(EACH INCLUDES)						
		1	2M-9780	1	SEAL-O-RING						
		1	6V-9003	1	ELBOW						
		1	7J-9108	1	SEAL-O-RING						
	8	1	5P-1076	2	WASHER-HARD (13.5X30X4-MM THK)						
	9	1	7J-9108	2	SEAL-O-RING						
	10	1	7X-0732	2	WASHER-HARD (10X22.5X8-MM THK)						
	11	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
M	12	1	8T-4136	2	BOLT (M10X1.5X25-MM)						
M	13	1	8T-4192	2	BOLT (M12X1.75X25-MM)						
	14	1	9R-1004	2	CLIP (TAB)						
	15	1	9R-1005	2	CLIP (SLOT)						

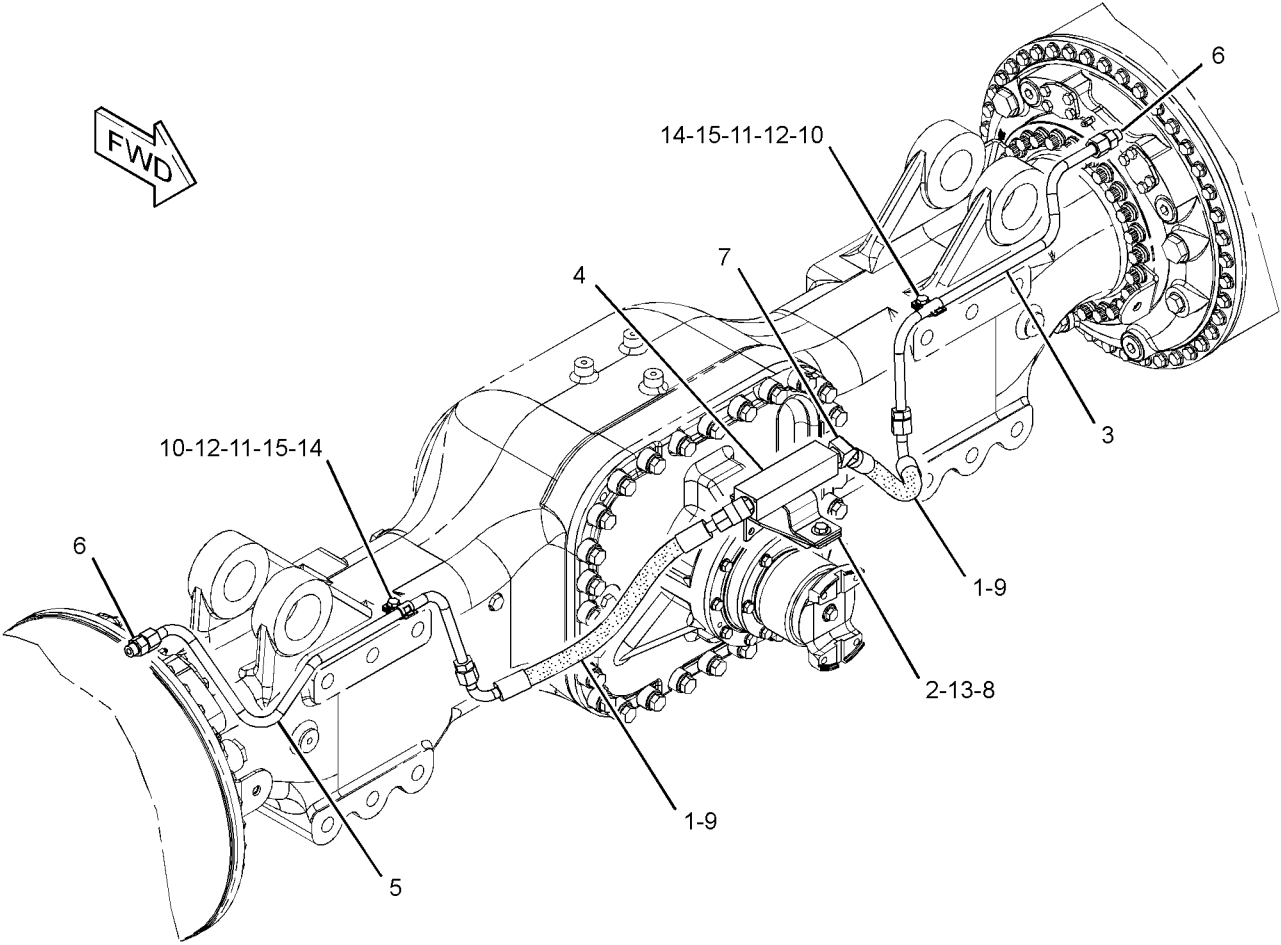
I-REFER TO HYDRAULIC INFORMATION SYSTEM

M-METRIC PART

BRAKING SYSTEM

349-4658 LINES GP-SERVICE BRAKE (contd.)

i04041652



GRAPHIC #1

<END>

g02307359

BRAKING SYSTEM

356-6606 LINES GP-SERVICE BRAKE

S/N: T4R1-UP

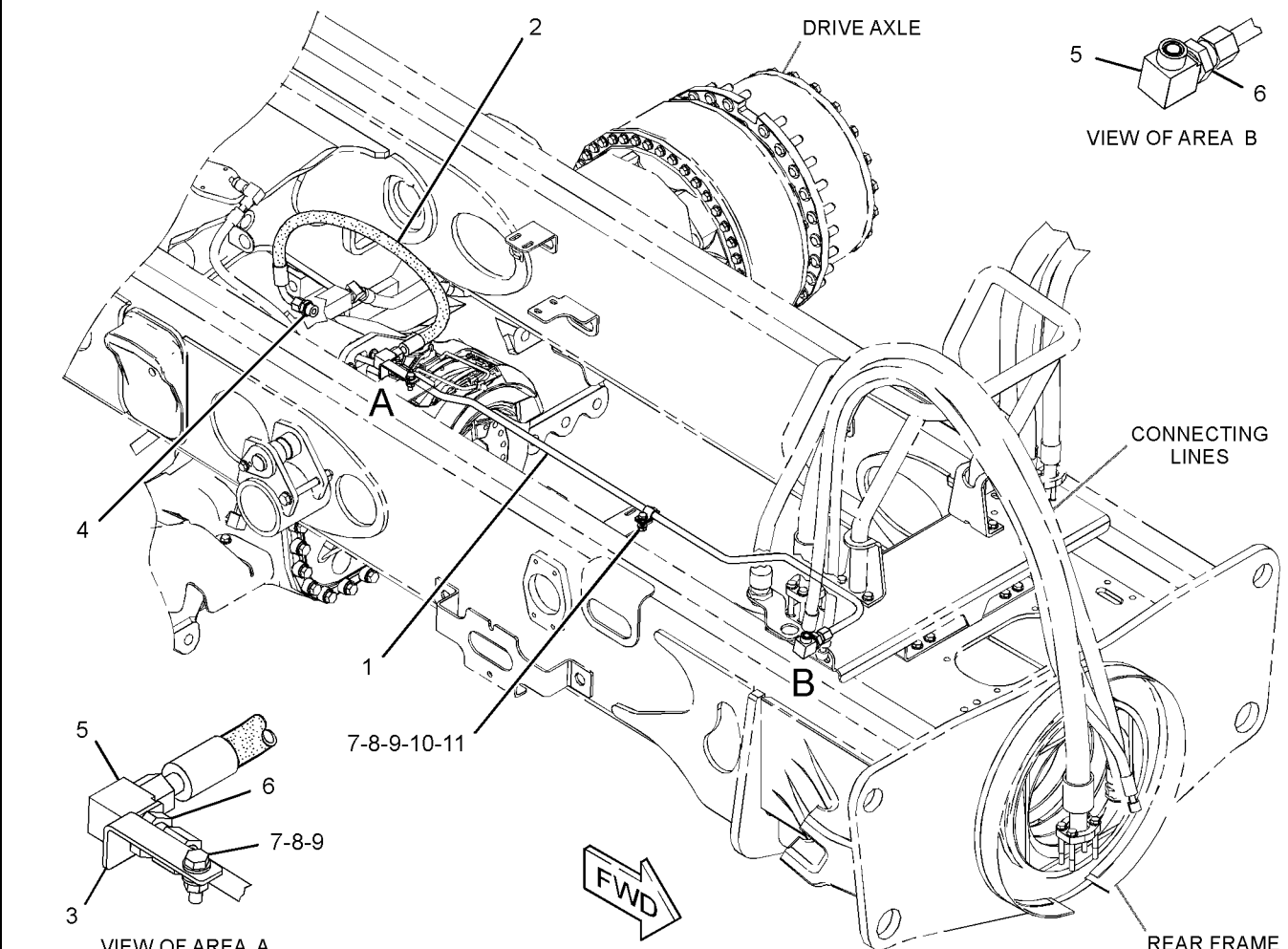
PART OF 291-8802 HYDRAULIC AR

SMCS-4257

i04169658

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	171-1977	1	TUBE AS						
I	2	1	177-0105	1	HOSE AS						
	3	1	356-8276	1	BRACKET						
	4	1	148-8341	1	CONNECTOR AS						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-8713	1	CONNECTOR						
		1	7J-9108	1	SEAL-O-RING						
	5	1	169-7404	2	ELBOW AS						
					(EACH INCLUDES)						
		1	6V-8982	1	ELBOW						
		1	7J-9108	2	SEAL-O-RING						
	6	1	6V-9170	2	NUT-BULKHEAD (1-14-THD)						
	7	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	8	1	8T-4133	2	NUT (M10X1.5-THD)						
M	9	1	8T-4196	2	BOLT (M10X1.5X35-MM)						
	10	1	9R-1004	1	CLIP (TAB)						
	11	1	9R-1005	1	CLIP (SLOT)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART



g02396658

BRAKING SYSTEM

152-6961 PUMP & MTG GP-BRAKE

S/N: T4R1-UP

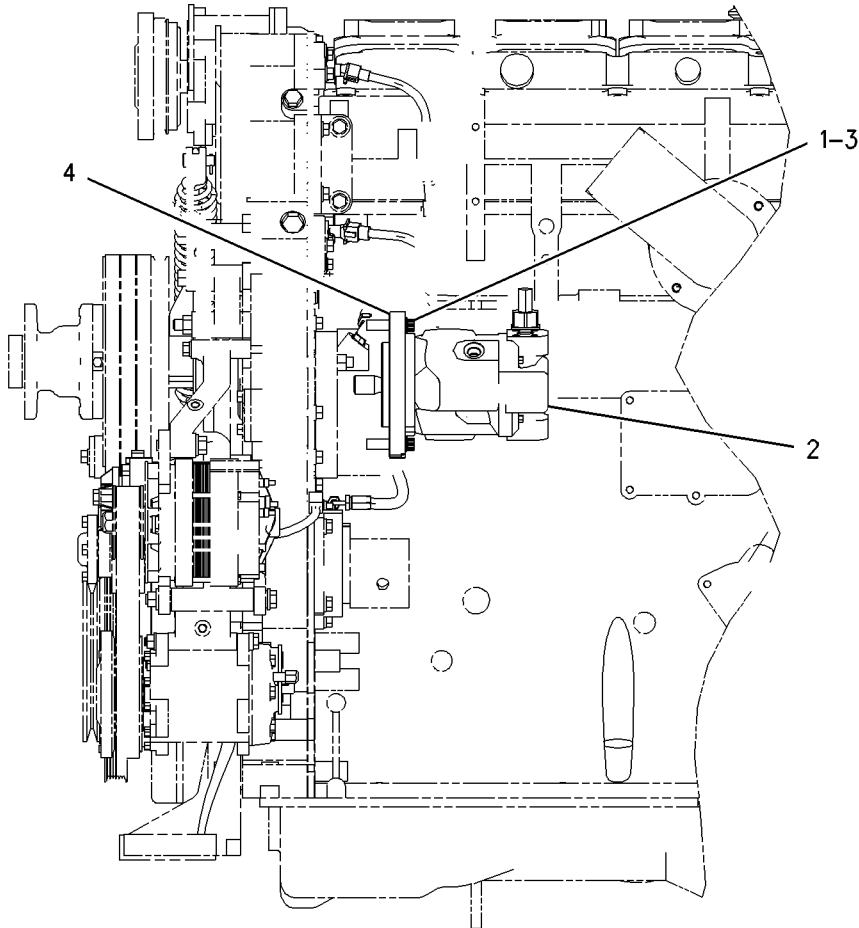
PART OF 291-8791 HYDRAULIC AR

SMCS-4268, 5070

i04096410

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	7X-3389	2	BOLT-12 POINT HEAD (1/2-13X1.75-IN)	
YR	2	1	187-9090	1	PUMP GP-PISTON (BRAKE)	661
	3	1	8T-4223	2	WASHER-HARD (13.5X25.5X3.0-MM THK)	
	4	1	223-2102	1	SEAL-INTEGRAL	

R-REMG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00764342

BRAKING SYSTEM

190-6290 VALVE GP-BRAKE CONTROL-PARKING

S/N: T4R1-UP

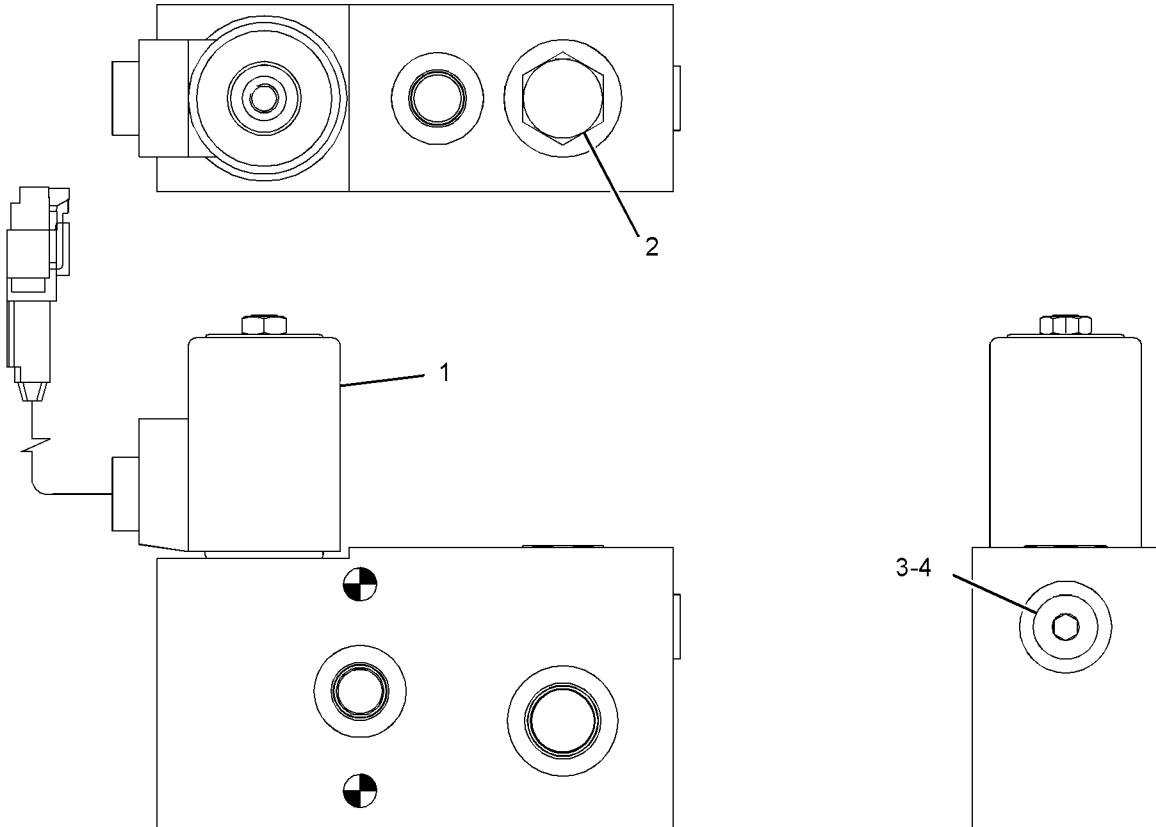
PART OF 352-8231 CONTROL GP-PARKING BRAKE

SMCS-4265, 4282

i04280554

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	152-8340	1	VALVE GP-SOLENOID (24-VOLT) (PARKING BRAKE)	581
Y	2	1	158-9956	1	VALVE GP-CHECK (BRAKE OIL)	580
	3	1	9S-8004	1	PLUG-O-RING	
	4	1	3J-1907	1	SEAL-O-RING	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02380837

BRAKING SYSTEM

284-6043 VALVE GP-BRAKE CONTROL-SERVICE

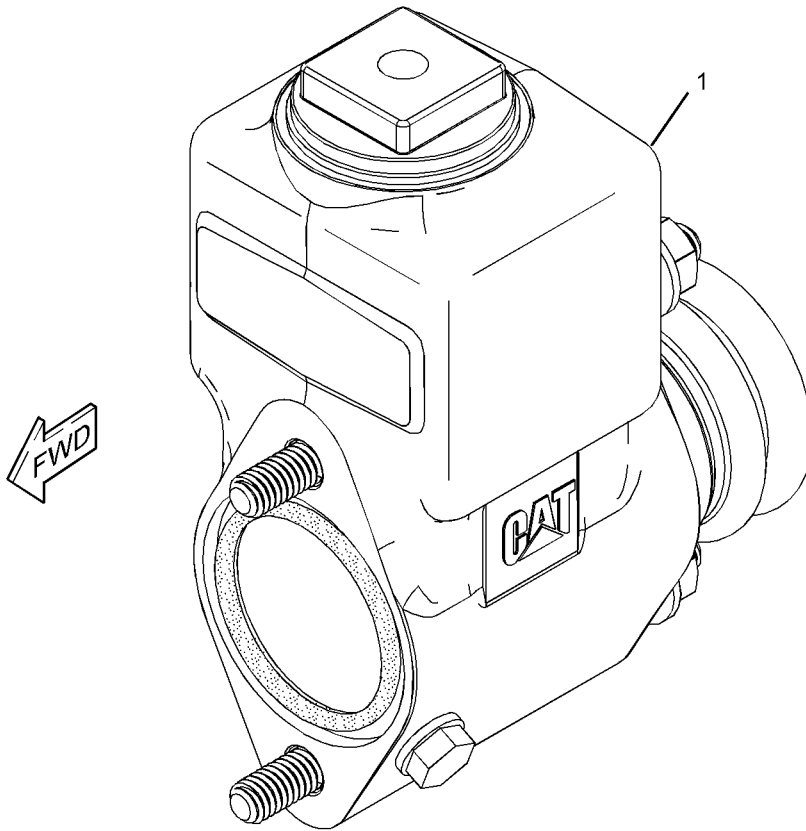
S/N: T4R1-UP

PART OF 351-0628 VALVE GP-BRAKE CONTROL
ALSO AN ATTACHMENT

SMCS-4265, 4282

i04186031

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	318-6579	1	KIT-REPAIR						
(INCLUDES BOOT, PLUG & O-RING SEAL)											



GRAPHIC #1

<END>

g01460722

BRAKING SYSTEM

351-0628 VALVE GP-BRAKE CONTROL-SERVICE

S/N: T4R1-UP

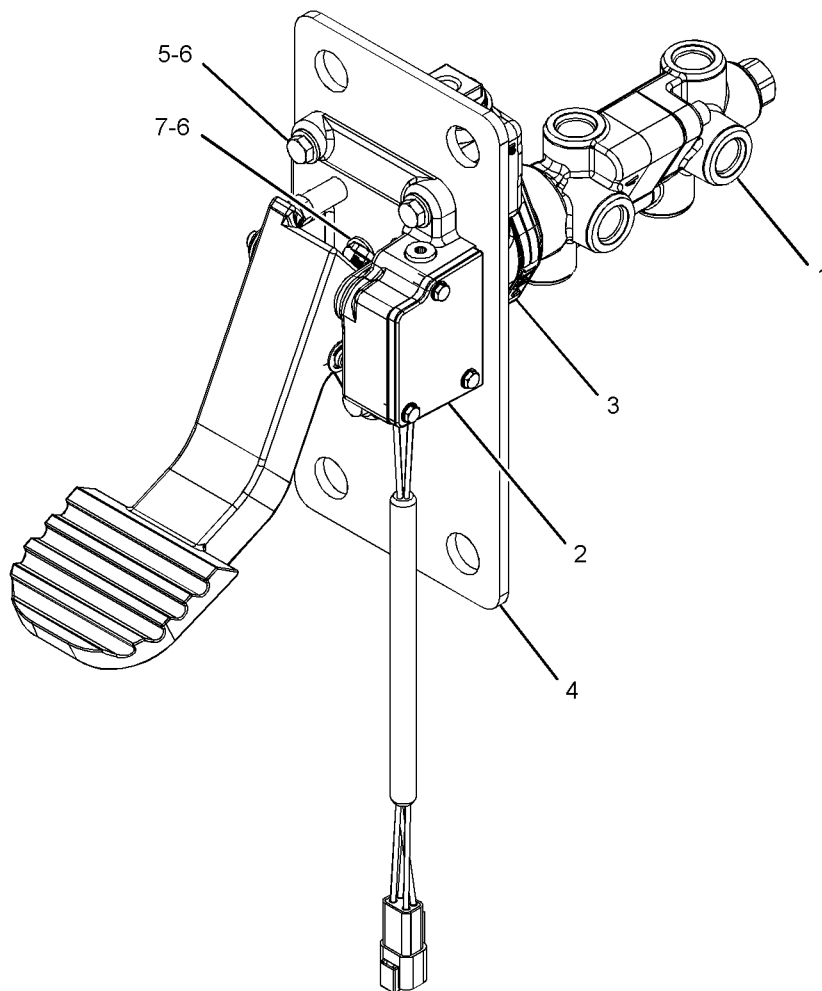
PART OF 324-7415, 347-9518, 354-0748 CONTROL GP-SERVICE BRAKE
ALSO AN ATTACHMENT

SMCS-4265, 4282

i04089792

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
J	1	1	321-8318	1	VALVE	AS-BRAKE	(SERVICE)				
Y	2	1	352-6567	1	PEDAL	GP-BRAKE	(SERVICE)				747
Y	3	1	284-6043	1	VALVE	GP-BRAKE	CONTROL	(SERVICE)			578
	4	1	358-2552	1	PLATE	AS					
M		1	8T-3612	3	NUT-WELD (M8X1.25-THD)						
M	5	1	8T-7547	3	BOLT (M8X1.25X30-MM)						
	6	1	8T-4224	5	WASHER-HARD (8.8X16X2-MM THK)						
	7	1	7X-0278	2	BOLT (5/16-18X4-IN)						
AVAILABLE REPAIR KIT(S):											
J			204-0273	1	KIT-REPAIR (BRAKE VALVE)						
(INCLUDES SEALS & BOOT)											

J-KIT MARKED J SERVICES PART MARKED J
M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02310459

BRAKING SYSTEM

158-9956 VALVE GP-CHECK-BRAKE OIL

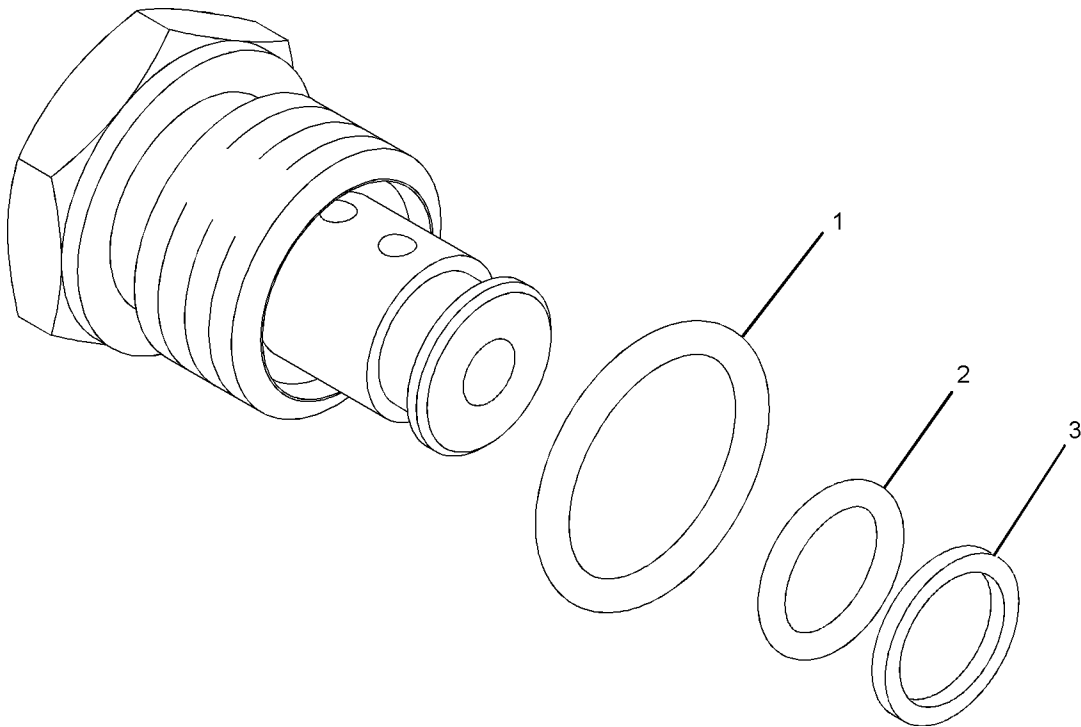
S/N: T4R1-UP

PART OF 190-6290 VALVE GP-BRAKE CONTROL

SMCS-4275, 4281, 5067, 5504

i01950824

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	161-6154	1	SEAL-O-RING						
	3	1	6E-0381	1	RING-BACKUP						



GRAPHIC #1

<END>

g01016882

BRAKING SYSTEM

152-8340 VALVE GP-SOLENOID-PARKING BRAKE ACTIVATION

S/N: T4R1-UP

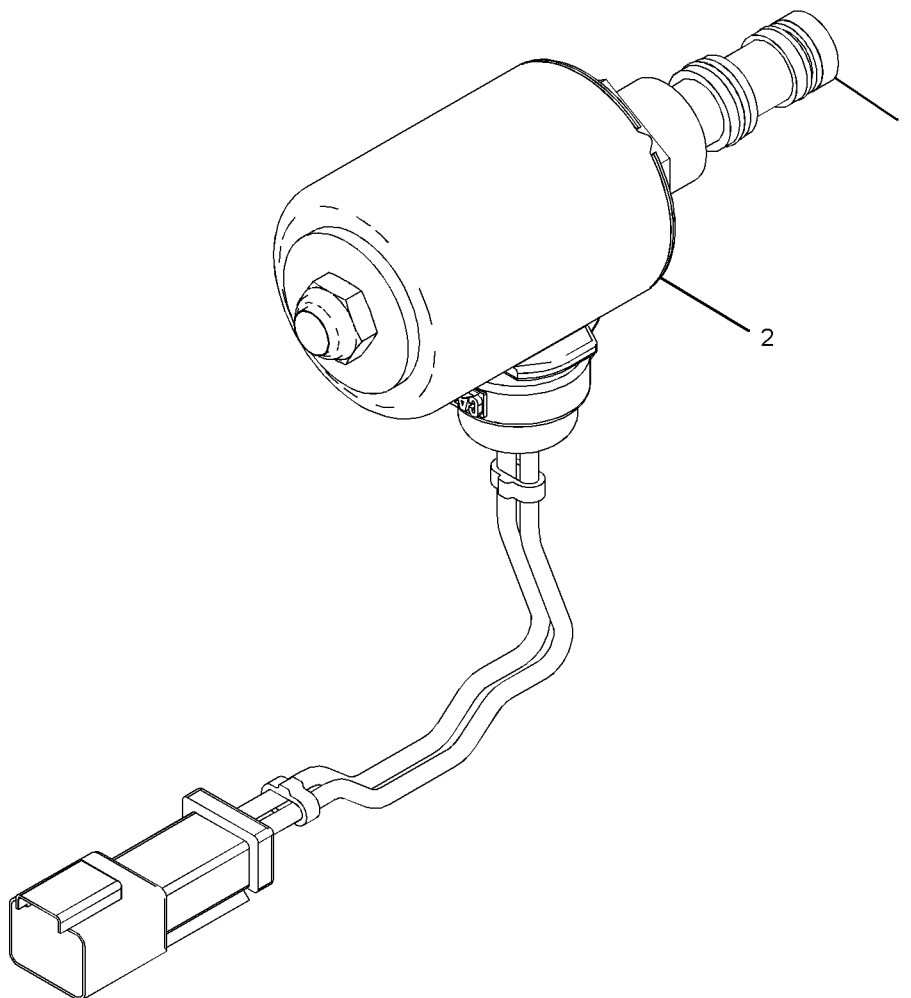
24-VOLT

PART OF 190-6290 VALVE GP-BRAKE CONTROL

SMCS-4267, 5479

i04169412

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
J	1	1	152-8338	1	CARTRIDGE AS	
		1	8C-9987	1	WASHER (8.3X28X2.5-MM THK)	
		1	111-0343	1	LOCKNUT (5/16-18-THD)	
	2	1	218-9894	1	COIL AS (24-VOLT)	
AVAILABLE REPAIR KIT(S):						
J			197-7701	1	KIT-SEAL (SOLENOID VALVE)	
(INCLUDES SEALS & RINGS)						
J-KIT MARKED J SERVICES PARTS MARKED J						



GRAPHIC #1

<END>

g02360296

STEERING SYSTEM

153-5490 CONTROL GP-STEERING

S/N: T4R1-UP

PART OF 324-7002 CAB AR

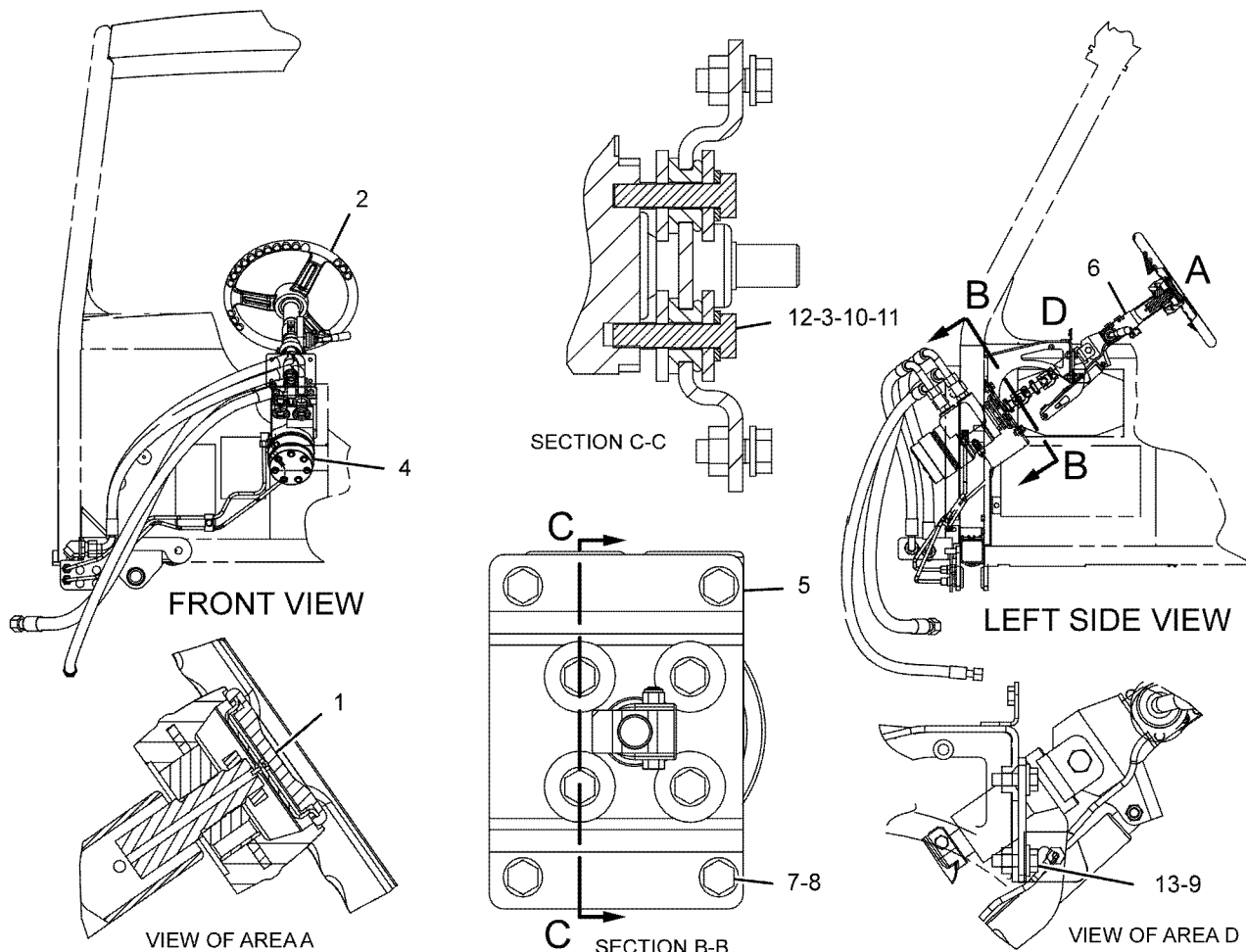
SMCS-4343

i04280584

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	322-8568	1	BUTTON AS-HORN	
	2	1	2U-9074	1	STEERING WHEEL	
	3	1	6N-6984	4	MOUNT-RUBBER	
Y	4	1	160-9727	1	PUMP GP-METERING (HMU) (STEERING)	595
	5	1	191-1786	1	PLATE AS	
M		1	8T-3490	4	NUT-WELD (M10X1.5-THD)	
Y	6	1	252-8050	1	STEERING COLUMN GP-ADJUSTABLE	596
M	7	1	6V-4248	4	BOLT (M10X1.5X25-MM)	
	8	1	6V-5839	4	WASHER (11X21X2.5-MM THK)	
	9	1	7X-7729	4	WASHER (11X25X3-MM THK)	
	10	1	8M-4069	8	WASHER (10.3X38.1X5-MM THK)	
	11	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)	
M	12	1	8T-4182	4	BOLT (M10X1.5X45-MM)	
M	13	1	8T-4195	4	BOLT (M10X1.5X30-MM)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01131104

STEERING SYSTEM

223-1335 CYLINDER GP-STEERING

S/N: T4R1-UP

114.3-MM (4.5-IN) BORE X 495-MM (19.5-IN) STROKE

PART OF 328-3988 CYLINDER GP-STEERING

SMCS-4303

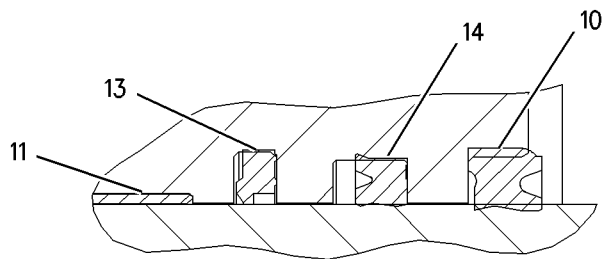
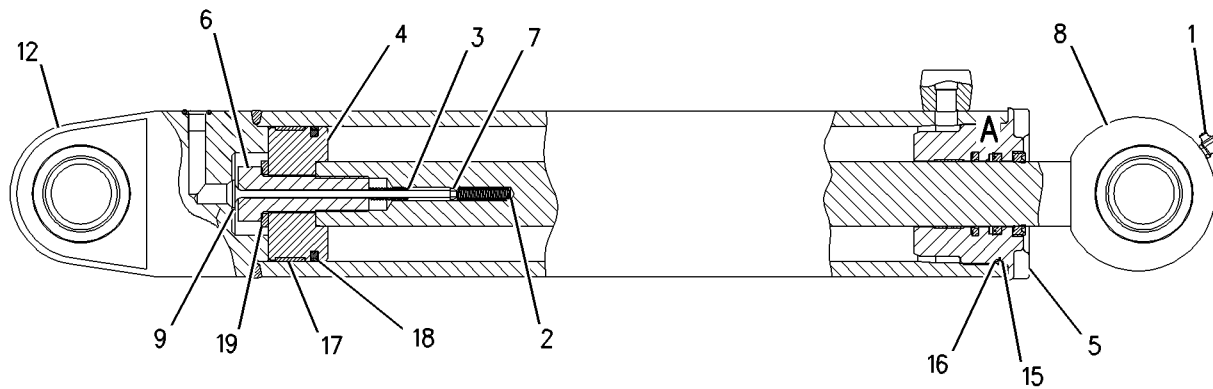
i04125585

NOTE	REF	GRAPHIC	PART NUMBER	QTY	PART NAME						SEE PAGE
	NO	REF			1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3B-8488	1	FITTING-GREASE						
	2	1	4M-5912	1	SPRING						
	3	1	6E-3772	1	SPRING						
	4	1	141-5849	1	PISTON						
	5	1	141-5851	1	HEAD						
	6	1	141-5864	1	BOLT (M30X3.5X90-MM)						
M	7	1	179-4324	1	LOCKNUT (M5X0.8-THD)						
	8	1	223-1336	1	ROD AS						
		1	6V-5002	1	BEARING-ALIGNING						
	9	1	223-1338	1	VALVE						
J	10	1	165-9280	1	SEAL-LIP TYPE						
J	11	1	140-0249	1	RING-WEAR						
	12	1	141-1190	1	CYLINDER AS						
		1	6V-5002	1	BEARING-ALIGNING						
J	13	1	167-2199	1	SEAL AS-BUFFER						
J	14	1	167-2306	1	SEAL-U-CUP						
J	15	1	1K-7095	1	RING-BACKUP						
J	16	1	3E-6703	1	SEAL-O-RING						
J	17	1	4J-3745	1	RING-WEAR						
J	18	1	9X-7269	1	SEAL AS						
	19	1	9X-8399	1	WASHER (33X56X6-MM THK)						
AVAILABLE REPAIR KIT(S):											
J			217-9894	1	KIT-SEAL (STEERING CYLINDER)						
J-KIT MARKED J SERVICES PART(S) MARKED J											
M-METRIC PART											

STEERING SYSTEM

223-1335 CYLINDER GP-STEERING (contd.)

i04125585



VIEW OF AREA A

GRAPHIC #1

<END>

g00925941

STEERING SYSTEM

328-3988 CYLINDER GP-STEERING

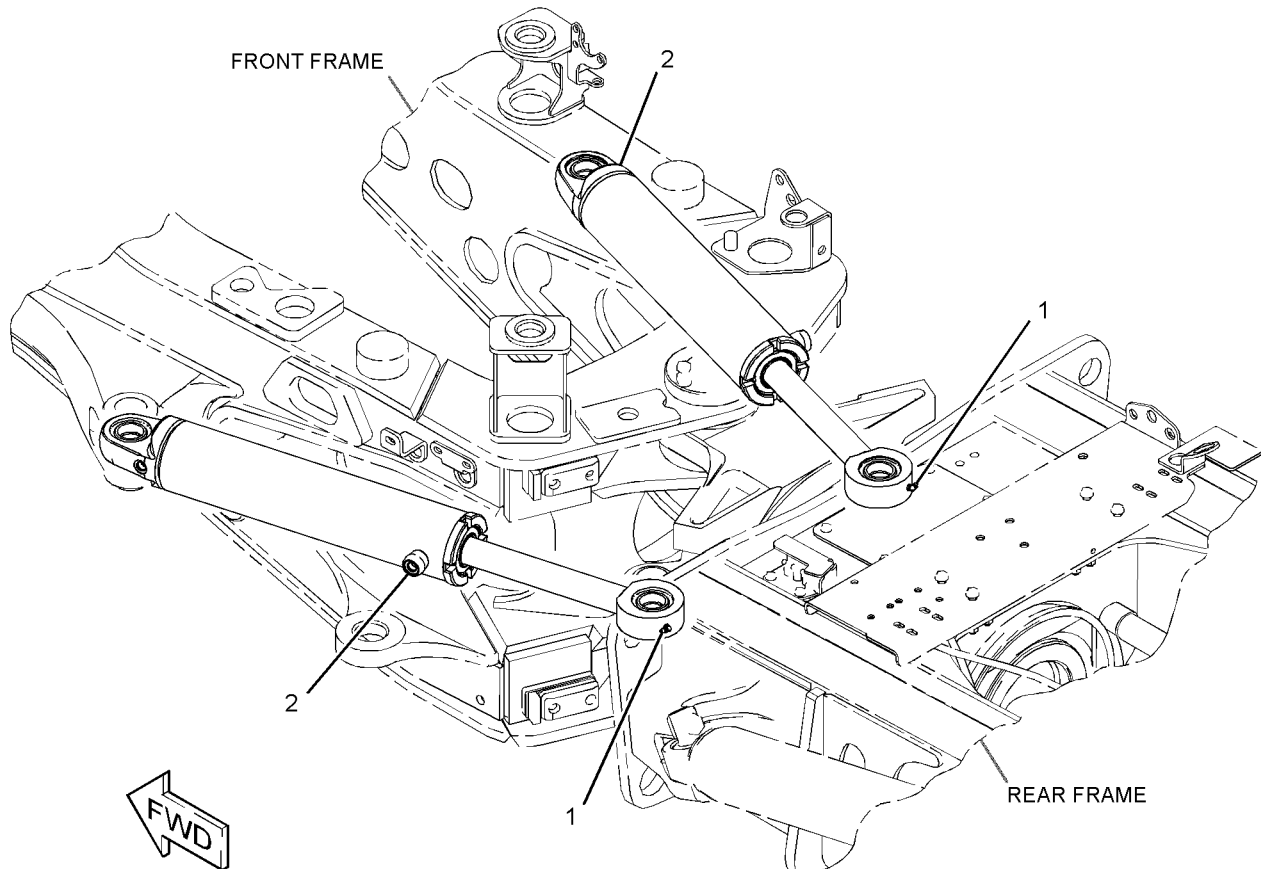
S/N: T4R1-UP

114.3-MM (4.5-IN) BORE X 495-MM (19.5-IN) STROKE
PART OF 291-8791 HYDRAULIC AR

SMCS-4303

i04169628

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5U-7151	2	CAP-GREASE						
Y	2	1	223-1335	2	CYLINDER GP-STEERING						583
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g02377537

STEERING SYSTEM

324-7417 LINES GP-STEERING

S/N: T4R1-UP

PART OF 324-7002 CAB AR

SMCS-4304

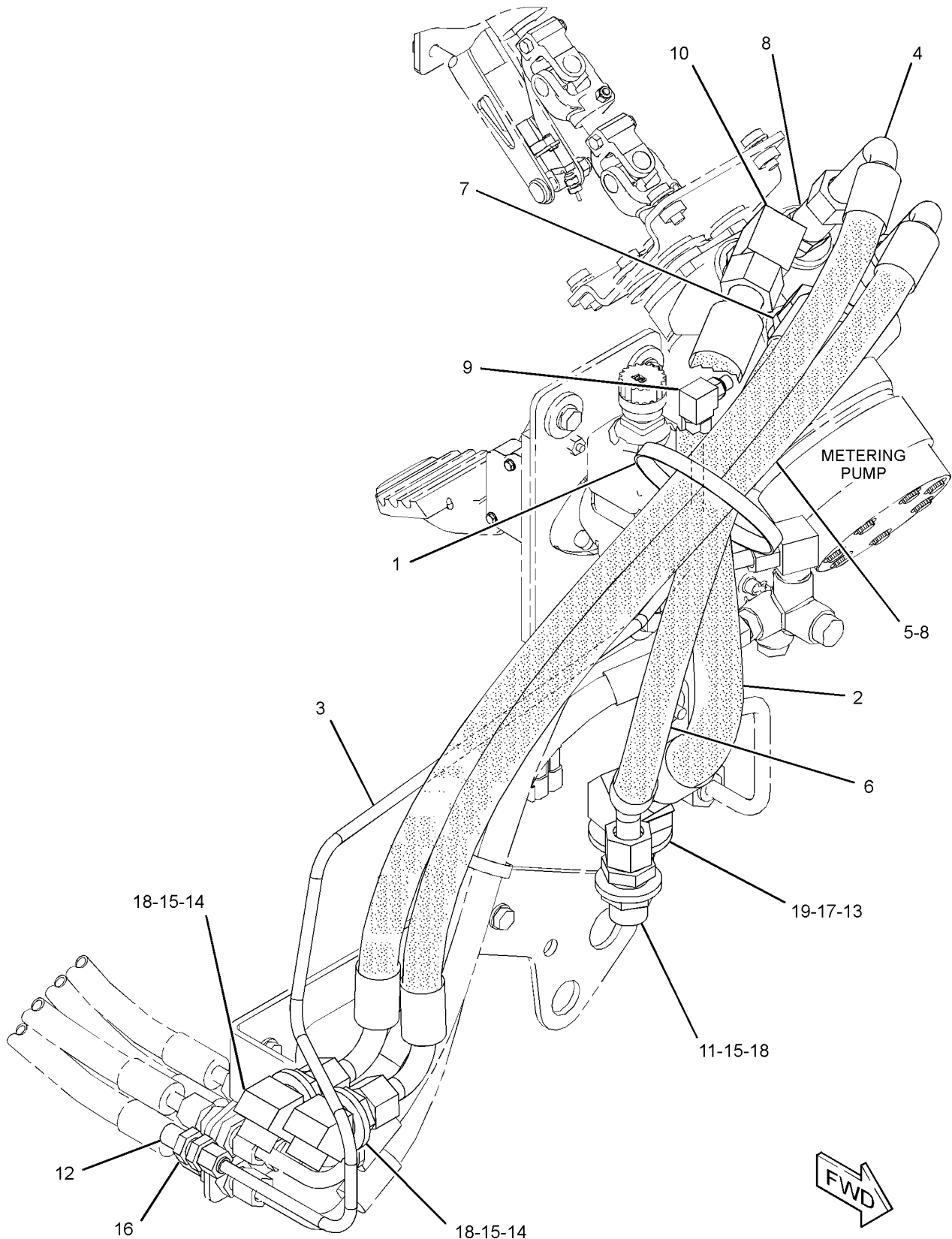
i04171153

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6U-0456	2	STRAP						
I	2	1	123-4517	1	HOSE AS						
	3	1	301-9628	1	TUBE AS						
I	4	1	343-4575	1	HOSE AS						
I	5	1	343-4576	1	HOSE AS						
I	6	1	354-0741	1	HOSE AS						
	7	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						
	8	1	148-8344	2	CONNECTOR AS						
					(EACH INCLUDES)						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-9162	1	CONNECTOR						
		1	6V-9746	1	SEAL-O-RING						
	9	1	148-8361	1	ELBOW AS						
		1	3J-7354	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-9200	1	ELBOW						
	10	1	148-8362	1	ELBOW AS						
		1	3D-2824	1	SEAL-O-RING						
		1	5K-9090	1	SEAL-O-RING						
		1	8T-6684	1	ELBOW						
	11	1	148-8455	1	UNION AS						
		1	6V-8997	1	UNION						
		1	6V-9746	2	SEAL-O-RING						
	12	1	149-5452	1	UNION AS						
		1	6V-8397	2	SEAL-O-RING						
		1	6V-8994	1	UNION						
	13	1	155-6344	1	ELBOW AS						
		1	5K-9090	2	SEAL-O-RING						
		1	6V-8991	1	ELBOW						
	14	1	165-4933	2	ELBOW AS						
					(EACH INCLUDES)						
		1	6V-8990	1	ELBOW						
		1	6V-9746	2	SEAL-O-RING						
	15	1	2P-1293	3	LOCKNUT (1-3/16-12-THD)						
	16	1	6V-9168	1	NUT (11/16-16-THD)						
	17	1	6V-9172	1	NUT (1-7/16-12-THD)						
	18	1	7X-0531	3	WASHER-HARD (31X52.5X6-MM THK)						
	19	1	9X-8259	1	WASHER (39X66X6-MM THK)						
I-REFER TO HYDRAULIC INFORMATION SYSTEM											

STEERING SYSTEM

324-7417 LINES GP-STEERING (contd.)

i04171153



GRAPHIC #1

<END>

g02400697

STEERING SYSTEM

338-4540 LINES GP-STEERING-CYLINDER

S/N: T4R1-UP

PART OF 291-8791 HYDRAULIC AR

SMCS-4304

i04169638

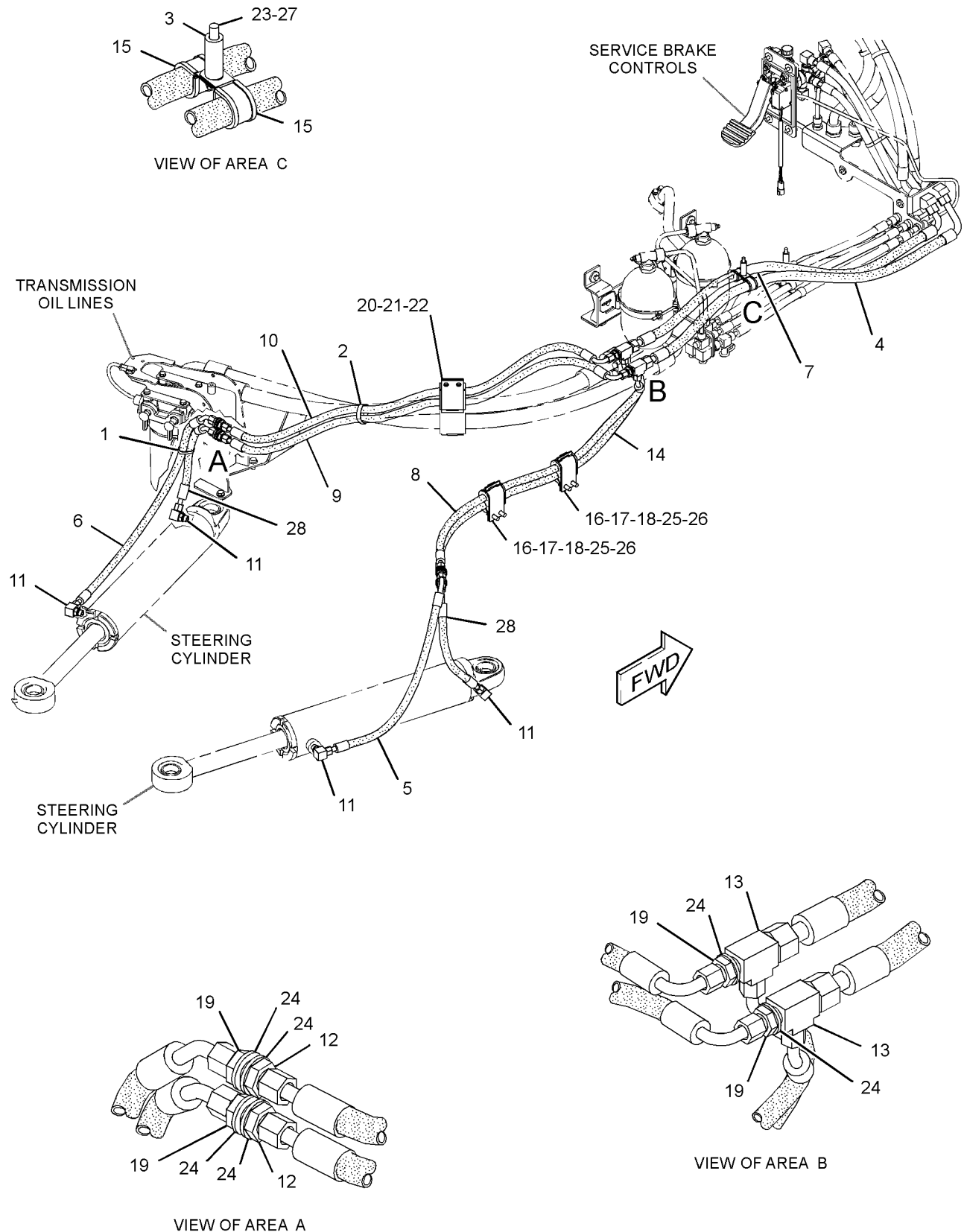
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6U-0455	1	STRAP						
	2	1	6U-0456	1	STRAP						
	3	1	141-3983	1	SPACER (11X19X48-MM THK)						
I	4	1	191-7566	1	HOSE AS						
I	5	1	204-7388	1	HOSE AS						
I	6	1	289-2751	1	HOSE AS						
I	7	1	341-2974	1	HOSE AS						
I	8	1	345-0312	1	HOSE AS						
I	9	1	9U-0361	1	HOSE AS						
I	10	1	125-9267	1	HOSE AS						
	11	1	148-8364	4	ELBOW AS						
					(EACH INCLUDES)						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8398	1	SEAL-O-RING						
		1	6V-8625	1	ELBOW						
	12	1	148-8457	4	UNION AS						
					(EACH INCLUDES)						
		1	6V-8398	2	SEAL-O-RING						
		1	6V-8995	1	UNION						
	13	1	164-5580	2	TEE AS						
					(EACH INCLUDES)						
		1	6V-8398	2	SEAL-O-RING						
		1	6V-9489	1	TEE-BULKHEAD						
		1	6V-9746	1	SEAL-O-RING						
I	14	1	282-7674	1	HOSE AS						
	15	1	2U-2749	2	CLIP						
	16	1	3G-8047	2	GROMMET						
	17	1	3G-8054	2	CLIP (TAB)						
	18	1	3G-8057	2	CLIP (SLOT)						
	19	1	6V-9169	6	NUT (13/16-16-THD)						
	20	1	7G-3833	1	CLIP (TAB)						
	21	1	7G-3834	1	CLIP (SLOT)						
	22	1	8C-3174	1	GROMMET						
	23	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						
	24	1	8T-4123	10	WASHER (22X35X3.5-MM THK)						
	25	1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)						
M	26	1	8T-4956	4	BOLT (M12X1.75X35-MM)						
M	27	1	8T-5005	1	BOLT (M10X1.5X70-MM)						
I	28	1	8W-0264	2	HOSE AS						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART

STEERING SYSTEM

338-4540 LINES GP-STEERING (contd.)

i04169638



GRAPHIC #1

<END>

g02403938

STEERING SYSTEM

340-0917 PUMP & MOTOR GP-SEC STEERING

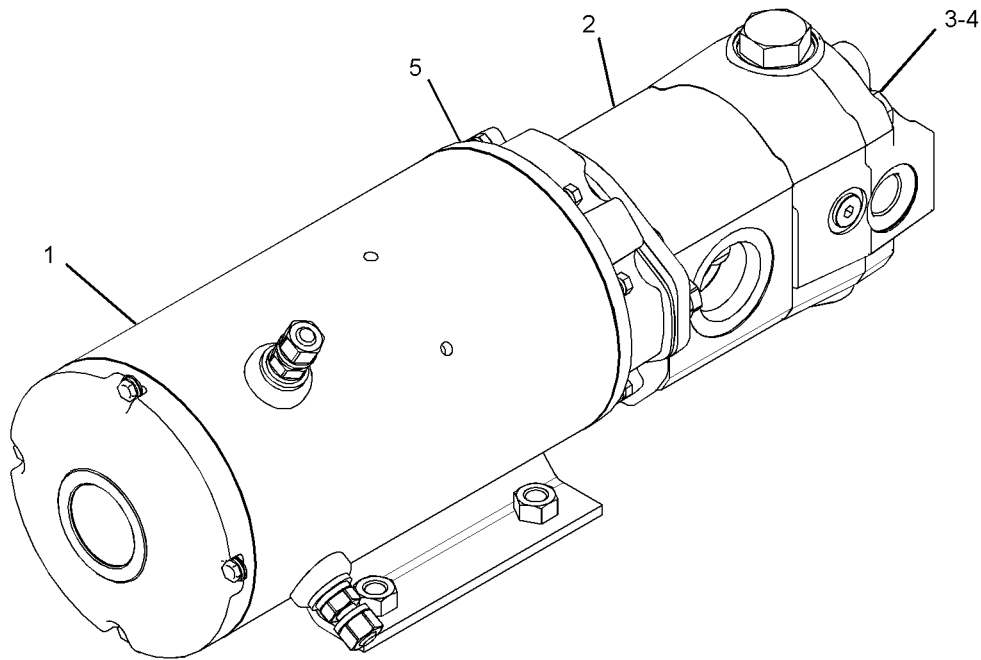
S/N: T4R1-UP

PART OF 341-1730 PUMP & MTG GP-SECONDARY STEER

SMCS-4324

i04282134

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	347-3554	1	MOTOR GP-ELEC HYD PUMP (SECONDARY STEERING)	
Y	2	1	176-9781	1	PUMP GP-GEAR (SECONDARY STEERING)	593
	3	1	1A-2209	2	BOLT (3/8-24X1.25-IN)	
	4	1	8T-4896	2	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	5	1	117-5268	1	GASKET	
Y-SEPARATE ILLUSTRATION						



GRAPHIC #1

<END>

g02450736

STEERING SYSTEM

341-1730 PUMP & MTG GP-SECONDARY STEER

S/N: T4R1-UP

PART OF 291-8791 HYDRAULIC AR

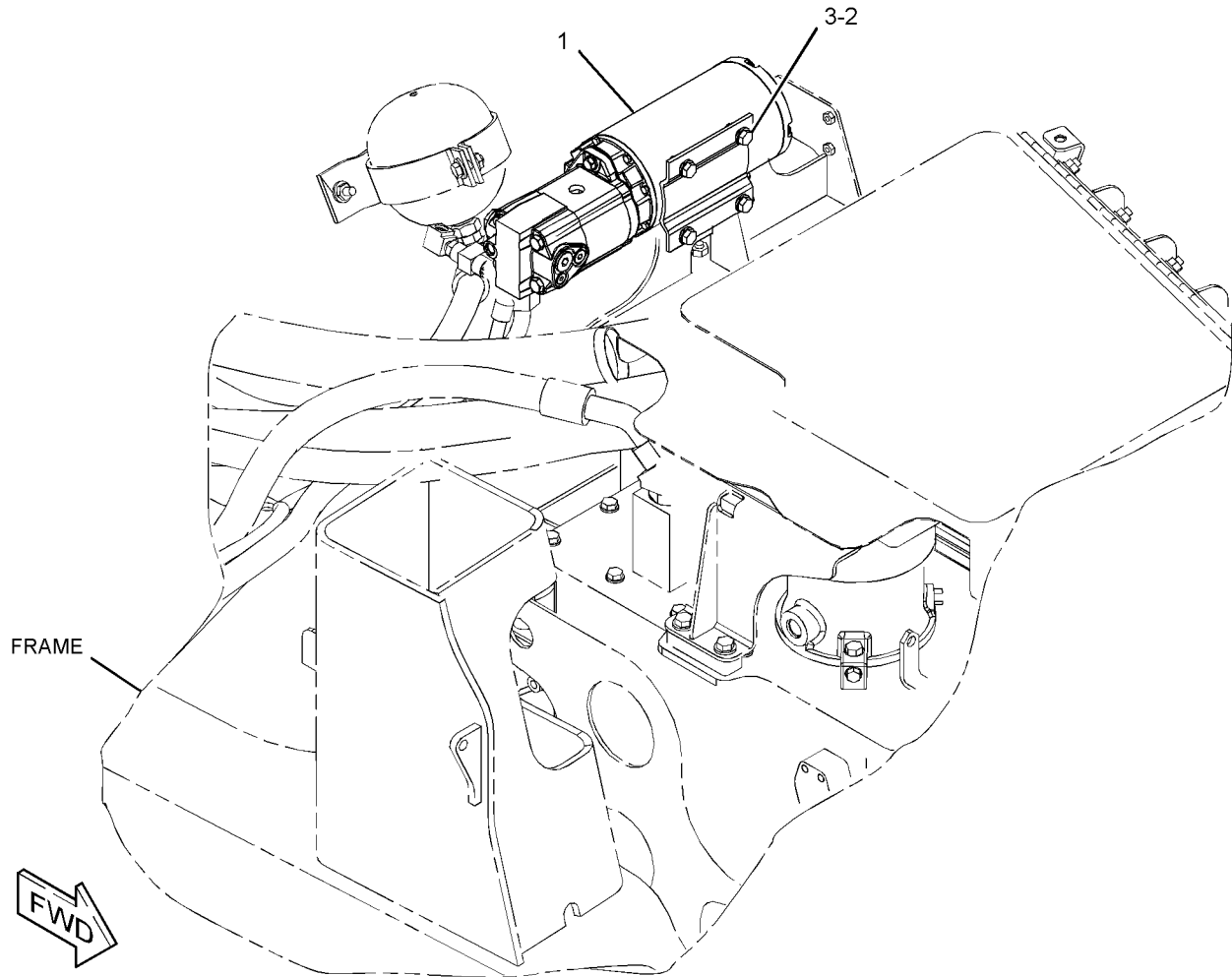
SMCS-4324

i04282138

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	340-0917	1	PUMP & MOTOR GP-SEC STEERING	590
	2	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)	
M	3	1	8T-4136	4	BOLT (M10X1.5X25-MM)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



g02388641

STEERING SYSTEM

348-0195 PUMP & MTG GP-STEERING

S/N: T4R1-UP

PART OF 291-8791 HYDRAULIC AR

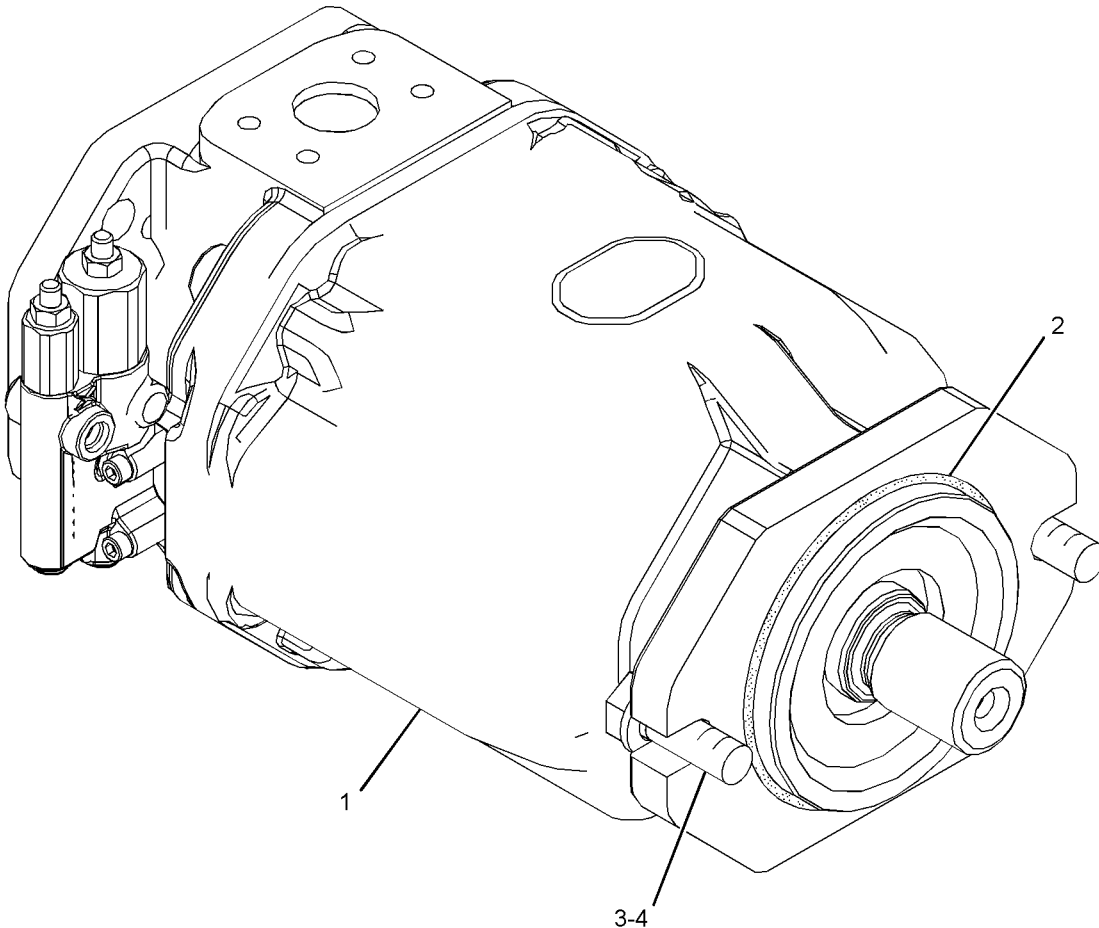
SMCS-4306, 5070

i04238629

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	346-4095	1	PUMP GP-PISTON (STEERING)	663
	2	1	5F-3106	1	SEAL-O-RING	
M	3	1	8T-7338	2	BOLT (M16X2X45-MM)	
	4	1	9X-8257	2	WASHER (17.5X30X3.5-MM THK)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02370564

STEERING SYSTEM

176-9781 PUMP GP-GEAR-SECONDARY STEERING

S/N: T4R1-UP

PART OF 340-0917 PUMP & MOTOR GP-SEC STEERING

SMCS-4324

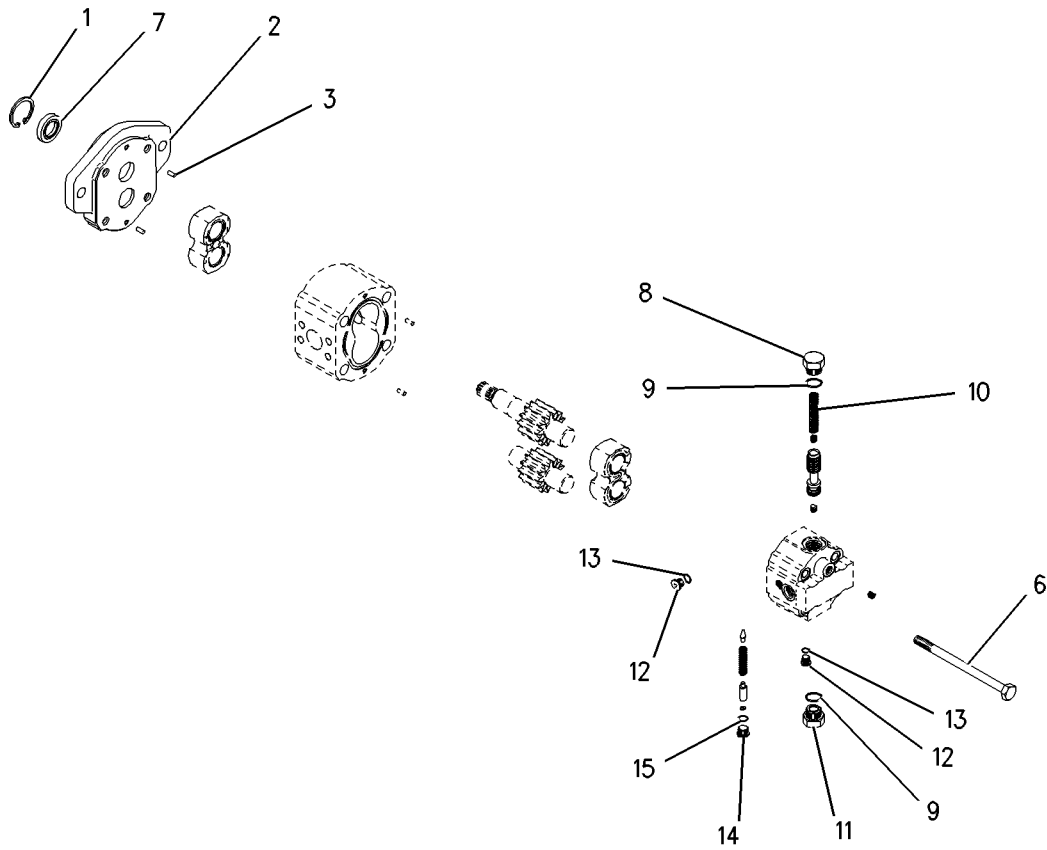
i04125574

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	8J-6273	1	RING-RETAINING						
	2	1	145-6899	1	FLANGE						
	3	1	099-3095	4	DOWEL						
	6	1	145-7231	4	BOLT (M10X1.5X135-MM)						
	7	1	135-5935	1	SEAL-SHAFT						
	8	1	177-0078	1	PLUG						
J	9	1	2M-9780	2	SEAL-O-RING						
	10	1	177-0082	1	SPRING						
	11	1	9S-4190	1	PLUG-O-RING						
	12	1	9S-4182	2	PLUG-O-RING						
J	13	1	3J-7354	2	SEAL-O-RING						
	14	1	9S-4191	1	PLUG-O-RING						
J	15	1	3J-1907	1	SEAL-O-RING						
AVAILABLE REPAIR KIT(S):											
J			145-6902	1	KIT-PUMP CONTROL (PRESSURE COMPENSATOR VALVE)						
			145-6905	1	KIT-SEAL (SECONDARY STEERING PUMP)						
(INCLUDES SHAFT SEALS, O-RING SEALS, E-RING SEALS, BACK UP RINGS)											
J-KIT MARKED J SERVICES PART(S) MARKED J M-METRIC PART											

STEERING SYSTEM

176-9781 PUMP GP-GEAR (contd.)

i04125574



GRAPHIC #1

<END>

g00937553

STEERING SYSTEM

160-9727 PUMP GP-METERING-HMU-STEERING

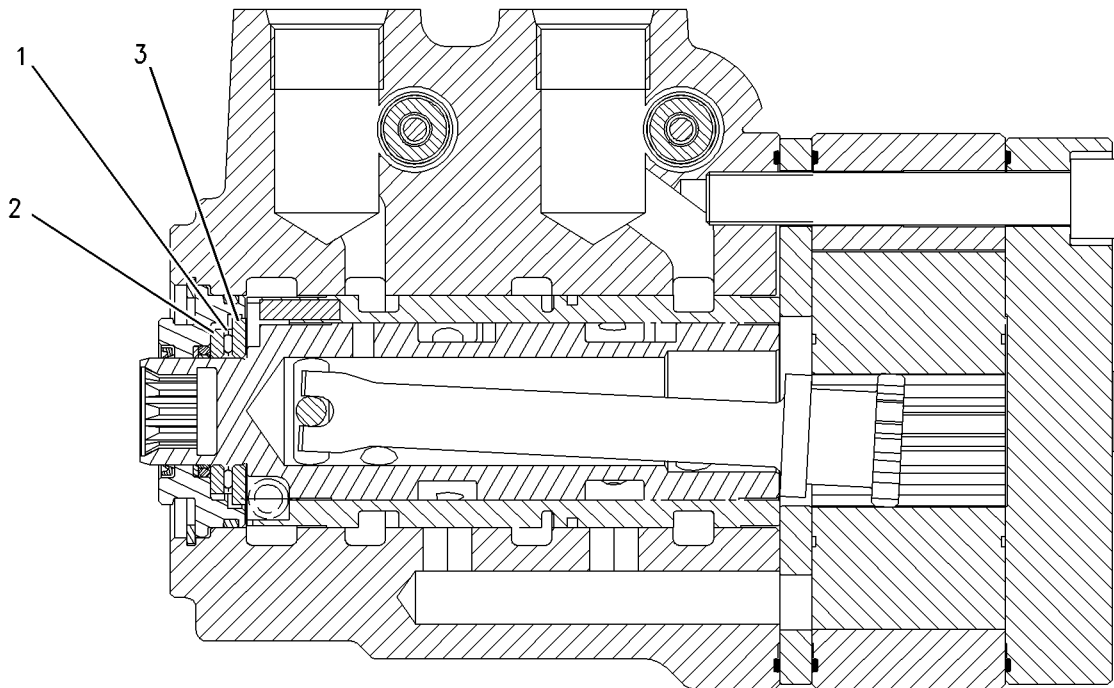
S/N: T4R1-UP

PART OF 153-5490 CONTROL GP-STEERING

SMCS-4312

i04173449

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5L-1100	1	BEARING-THRUST						
	2	1	3G-6891	1	RACE						
	3	1	187-5007	1	RACE						
AVAILABLE REPAIR KIT(S):											
			258-8411	1	KIT-SEAL						
(INCLUDES DUST SEAL, SHAFT SEAL, O-RING SEALS)											



GRAPHIC #1

<END>

g00804110

STEERING SYSTEM

252-8050 STEERING COLUMN GP-ADJUSTABLE

S/N: T4R1-UP

PART OF 153-5490 CONTROL GP-STEERING

SMCS-4338

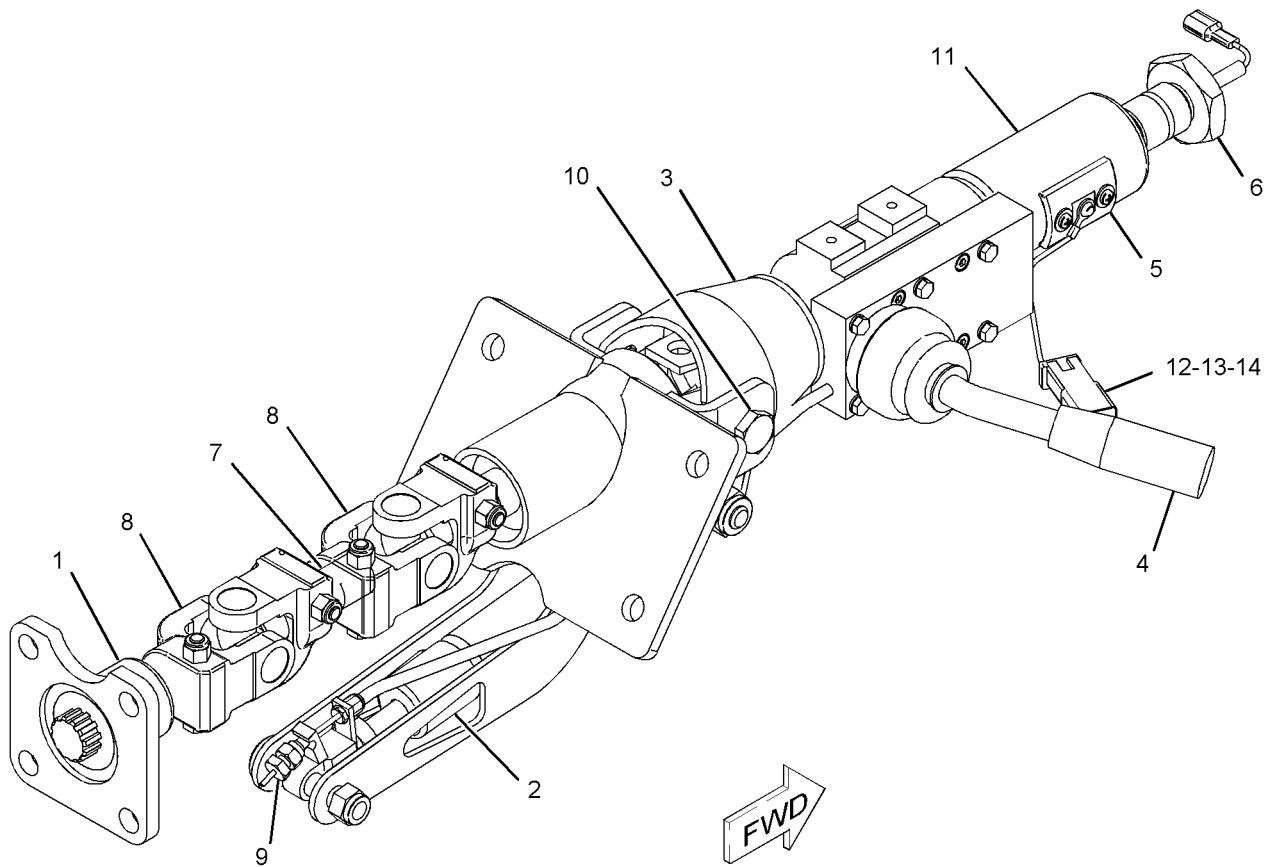
i03899099

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	252-8051	1	ADAPTER AS						
	2	1	332-7047	1	KIT-GAS STRUT (STEERING COLUMN TILT)						
					(INCLUDES STRUT, BOLTS, NUTS & SPACERS)						
	3	1	300-2960	1	COLUMN AS (STEERING)						
	4	1	191-3700	1	KIT-TILT LEVER (STEERING COLUMN)						
					(INCLUDES CONTROL AS, SCREWS & CLAMP AS)						
	5	1	332-6884	1	KIT-CONTACT (HORN)						
					(INCLUDES HORN CONTACT AS & SCREWS)						
M	6	1	6V-8227	1	NUT (M18X1.5-THD)						
	7	1	189-9370	1	SHAFT						
	8	1	162-8551	2	JOINT AS-UNIVERSAL						
					(EACH INCLUDES)						
M		1	099-3649	2	BOLT (M8X1.25X40-MM)						
M		1	131-3540	2	LOCKNUT (M8X1.25-THD)						
	9	1	185-3886	1	CLAMP AS-CABLE						
	10	1	321-6951	1	KIT-PIVOT (STEERING COLUMN TILT)						
					(INCLUDES BUSHINGS & PINS)						
	11	1	201-5121	1	KIT-SHAFT (STEERING COLUMN)						
					(INCLUDES SHAFT, WASHERS, SPRING, PIN & HORN CONTACT)						
	12	1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	13	1	8T-8729	1	PIN-CONNECTOR (16-GA TO 18-GA)						
	14	1	9G-3695	1	PLUG-SEAL						
M-METRIC PART											

STEERING SYSTEM

252-8050 STEERING COLUMN GP-ADJUSTABLE (contd.)

i03899099



GRAPHIC #1

<END>

g01121013

STEERING SYSTEM

165-7948 VALVE GP-CHECK-STEERING-PILOT LINES

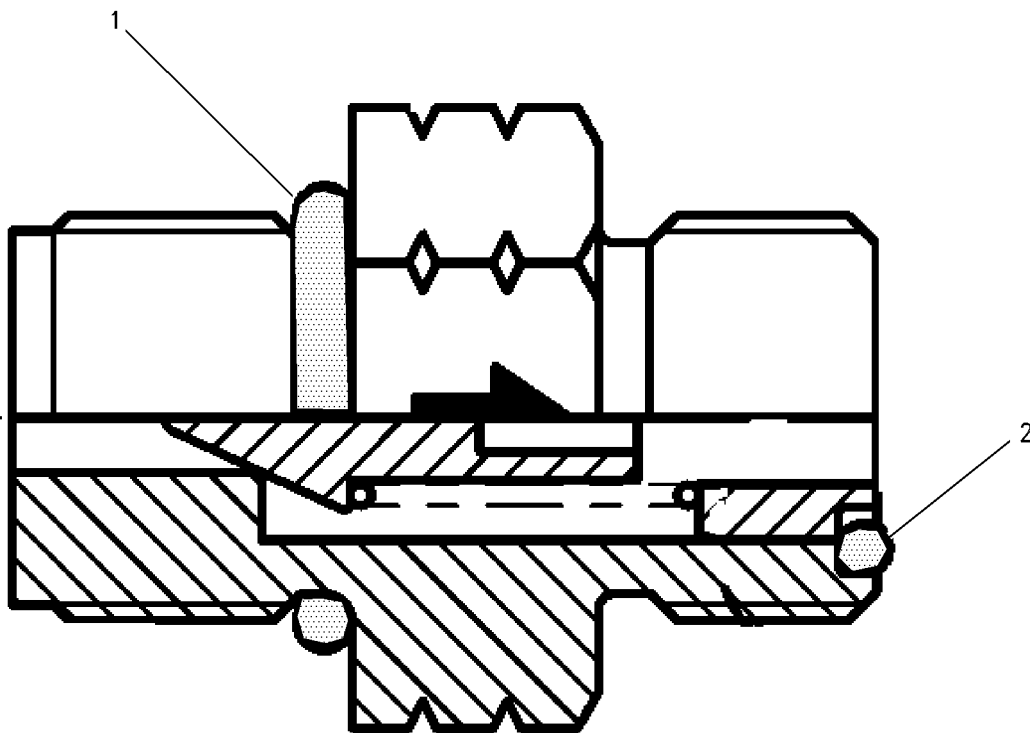
S/N: T4R1-UP

PART OF 352-1335 LINES GP-PILOT

SMCS-5067

i01125883

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3J-1907	1	SEAL-O-RING						
	2	1	4J-5477	1	SEAL-O-RING						



GRAPHIC #1

<END>

g00603896

STEERING SYSTEM

176-5691 VALVE GP-CHECK-STEERING

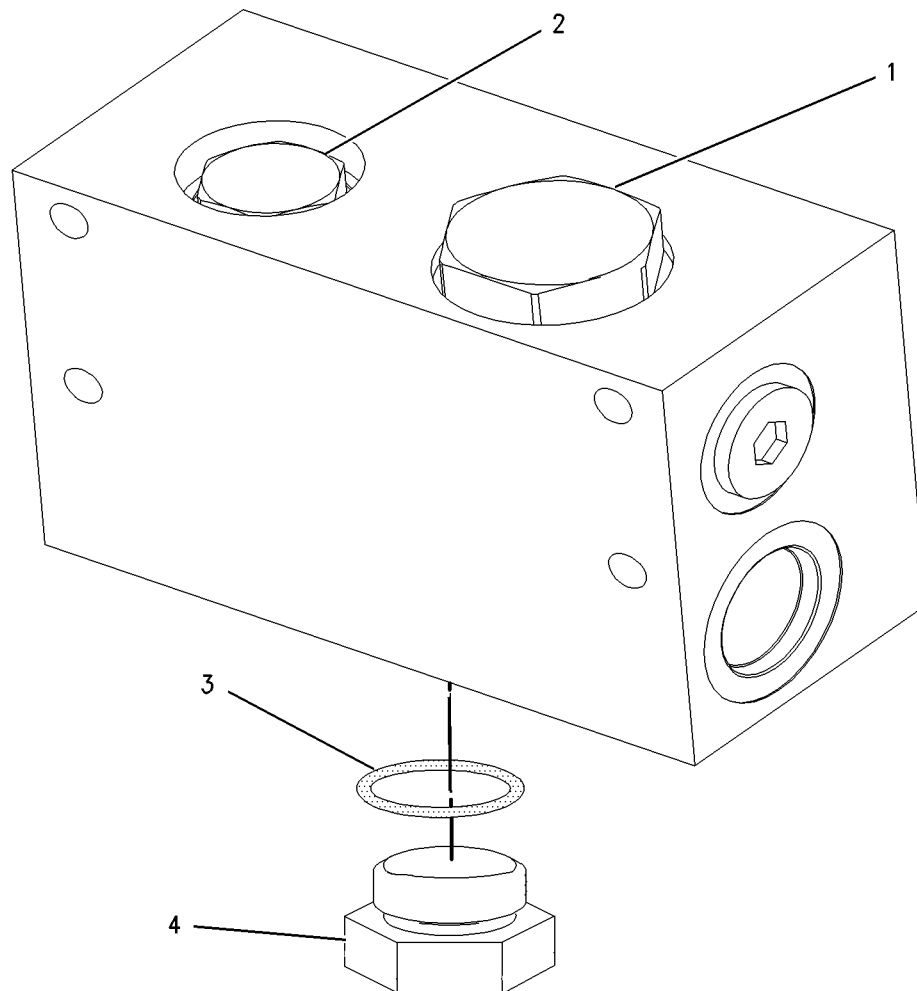
S/N: T4R1-UP

PART OF 291-8842 LINES GP-PUMP

SMCS-5067

i04089654

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	141-1233	1	VALVE GP-CHECK (STEERING)						
	2	1	134-9911	1	VALVE-CHECK (STEERING)						
	3	1	3K-0360	1	SEAL-O-RING						
	4	1	9S-4185	1	PLUG-O-RING						



GRAPHIC #1

<END>

g00884610

STEERING SYSTEM

126-6099 VALVE GP-RELIEF-HOIST CONTROL

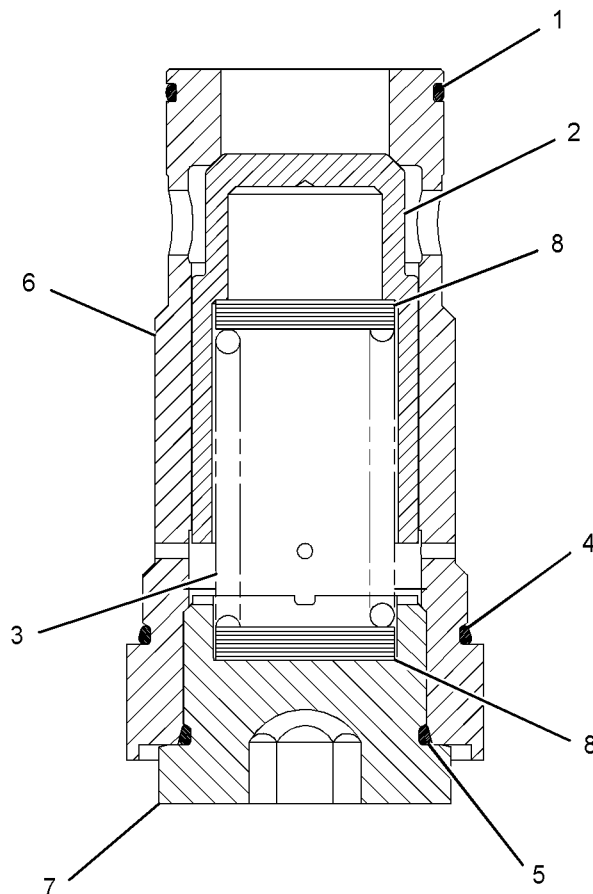
S/N: T4R1-UP

PART OF 336-4157 VALVE GP-CONTROL

SMCS-4322

i04127032

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6V-8676	1	SEAL-O-RING						
	2	1	8J-2379	1	VALVE-RELIEF (BRAKE COOLING, HOIST)						
	3	1	6J-3380	1	SPRING						
	4	1	030-4606	1	SEAL-O-RING						
	5	1	6K-6307	1	SEAL-O-RING						
	6	1	126-6612	1	BODY						
	7	1	126-6104	1	PLUG						
B	8	1	8B-4624	15	SHIM (0.032-IN THK)						
B-USE AS REQUIRED											



GRAPHIC #1

<END>

g02324873

HYDRAULIC SYSTEM

192-6443 ACTUATOR GP-PILOT CONTROL-HOIST LOWER

S/N: T4R1-UP

PART OF 336-4157 VALVE GP-CONTROL

SMCS-5078

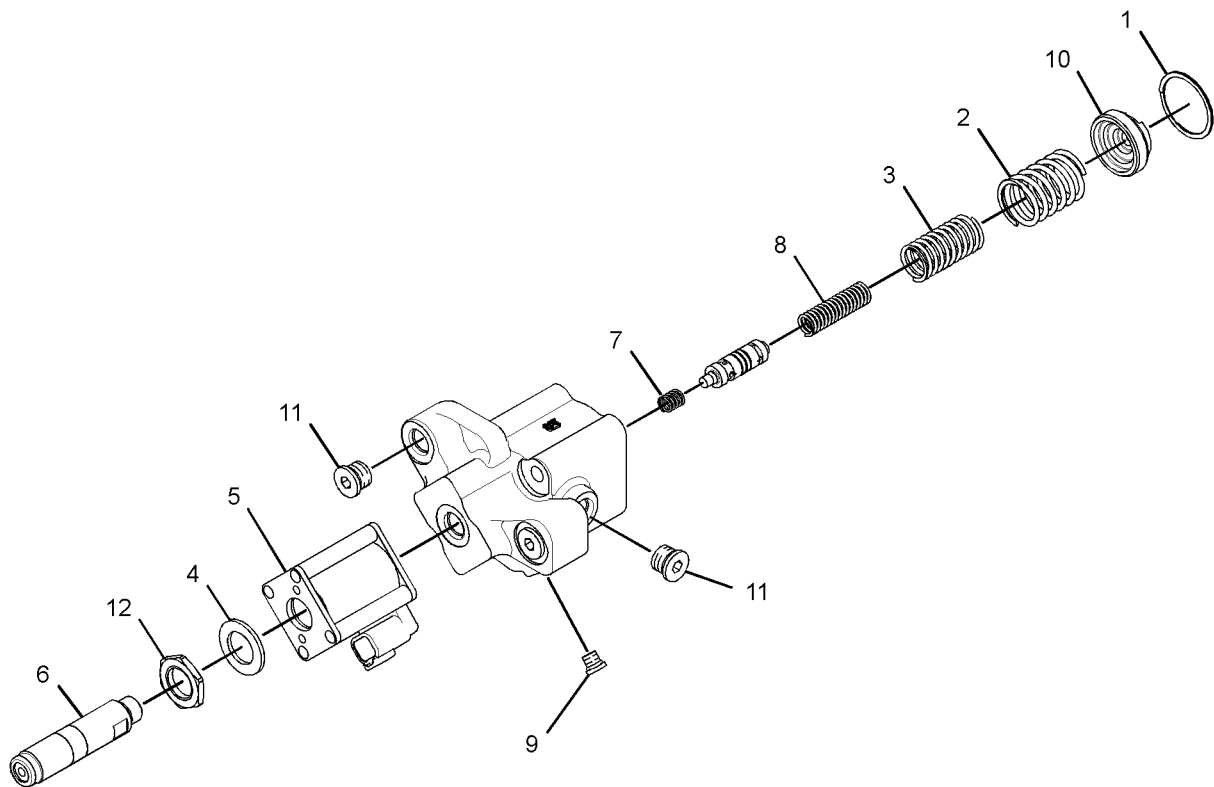
i04186109

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
J	1	1	5S-6980	1	RING-RETAINING						
	2	1	141-5497	1	SPRING						
	3	1	141-5498	1	SPRING						
	4	1	191-9247	1	WASHER (19.15X31.65X2.36-MM THK)						
	5	1	326-5212	1	COIL AS (24-VOLT)						
	6	1	316-1438	1	CARTRIDGE AS						
		1	214-7568	2	SEAL-O-RING						
	7	1	173-4012	1	SPRING						
	8	1	188-3365	1	SPRING						
	9	1	173-3993	1	PLUG AS						
		1	4J-7533	1	SEAL-O-RING						
		1	9S-8001	1	PLUG-O-RING						
	10	1	142-2864	1	RETAINER						
	11	1	162-0177	3	PLUG AS						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL-O-RING						
		1	9S-8004	1	PLUG-O-RING						
12	1	198-2914	1	NUT (3/4-32-THD)							
					PARTS SHOWN IN GRAPHIC(S) WITHOUT A REFERENCE NUMBER ARE NOT SERVICED SEPARATELY						
					AVAILABLE REPAIR KIT(S):						
J			204-1320	1	KIT-RETAINING RING (ACTUATOR)						
					(ALSO INCLUDES RETAINING RINGS)						
J-KIT MARKED J SERVICES PART(S) MARKED J											

HYDRAULIC SYSTEM

192-6443 ACTUATOR GP-PILOT CONTROL (contd.)

i04186109



GRAPHIC #1

<END>

g01856373

HYDRAULIC SYSTEM

196-2403 ACTUATOR GP-PILOT CONTROL-HOIST RAISE

S/N: T4R1-UP

PART OF 336-4157 VALVE GP-CONTROL

SMCS-5078

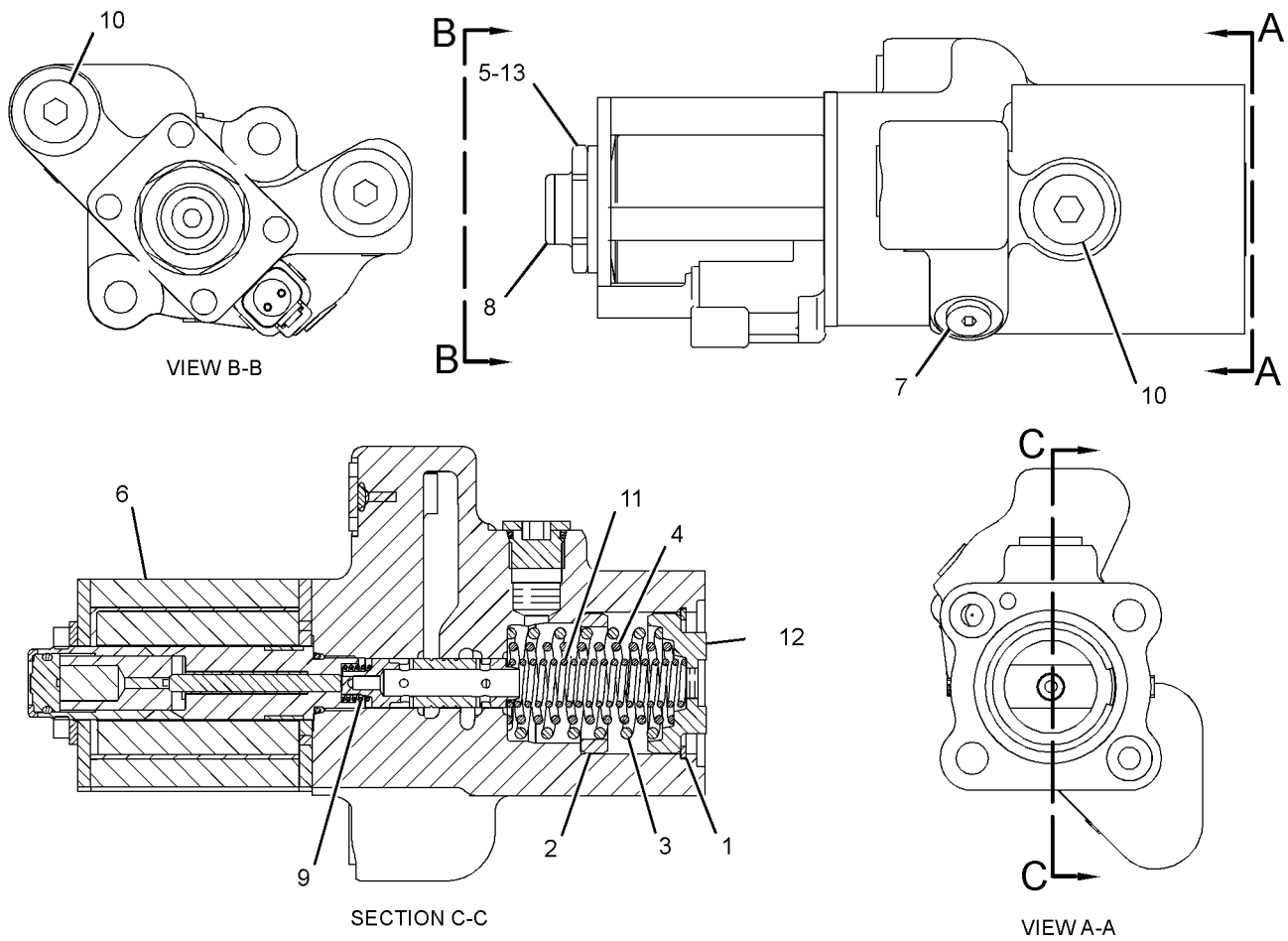
i04186111

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
J	1	1	5S-6980	1	RING-RETAINING						
	2	1	126-7654	1	SPACER (29X36X7-MM THK)						
	3	1	141-5497	1	SPRING						
	4	1	141-5498	1	SPRING						
	5	1	191-9247	1	WASHER (19.15X31.65X2.36-MM THK)						
	6	1	326-5212	1	COIL AS (24-VOLT)						
	7	1	173-3993	1	PLUG AS						
		1	9S-8001	1	PLUG-O-RING						
		1	4J-7533	1	SEAL-O-RING						
	8	1	316-1438	1	CARTRIDGE AS						
		1	214-7568	2	SEAL-O-RING						
	9	1	173-4012	1	SPRING						
	10	1	162-0177	3	PLUG AS						
				(EACH INCLUDES)							
		1	9S-8004	1	PLUG-O-RING						
		1	3J-1907	1	SEAL-O-RING						
	11	1	189-9807	1	SPRING						
	12	1	142-2864	1	RETAINER						
	13	1	198-2914	1	NUT (3/4-32-THD)						
					AVAILABLE REPAIR KIT(S):						
J			204-1320	1	KIT-RETAINING RING (ACTUATOR)						
					(ALSO INCLUDES RETAINING RINGS)						
J-KIT MARKED J SERVICE(S) PARTS MARKED J											

HYDRAULIC SYSTEM

196-2403 ACTUATOR GP-PILOT CONTROL (contd.)

i04186111



GRAPHIC #1

<END>

g01856134

HYDRAULIC SYSTEM

152-7040 CONTROL GP-HOIST

S/N: T4R1-UP

PART OF 291-8802 HYDRAULIC AR

SMCS-5136

i04280632

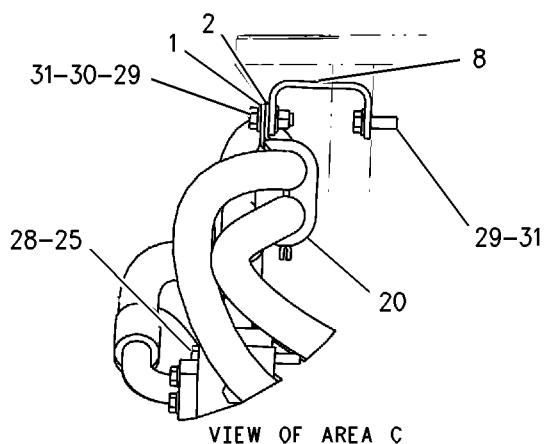
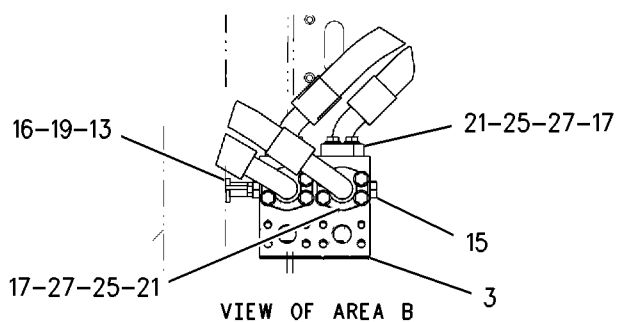
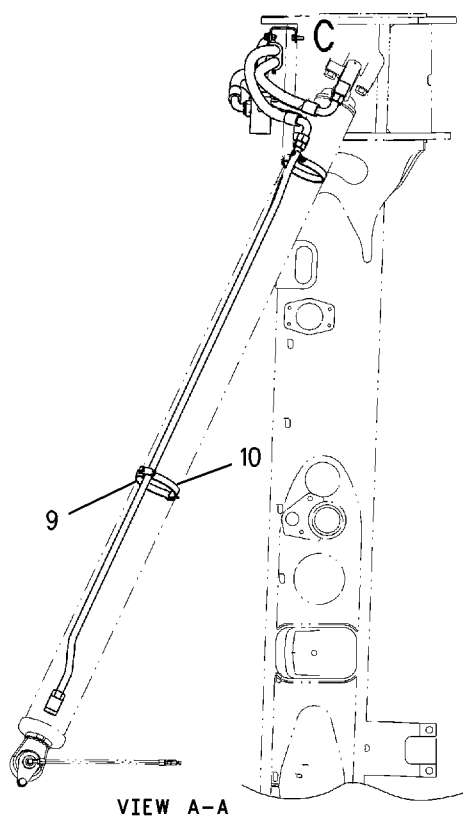
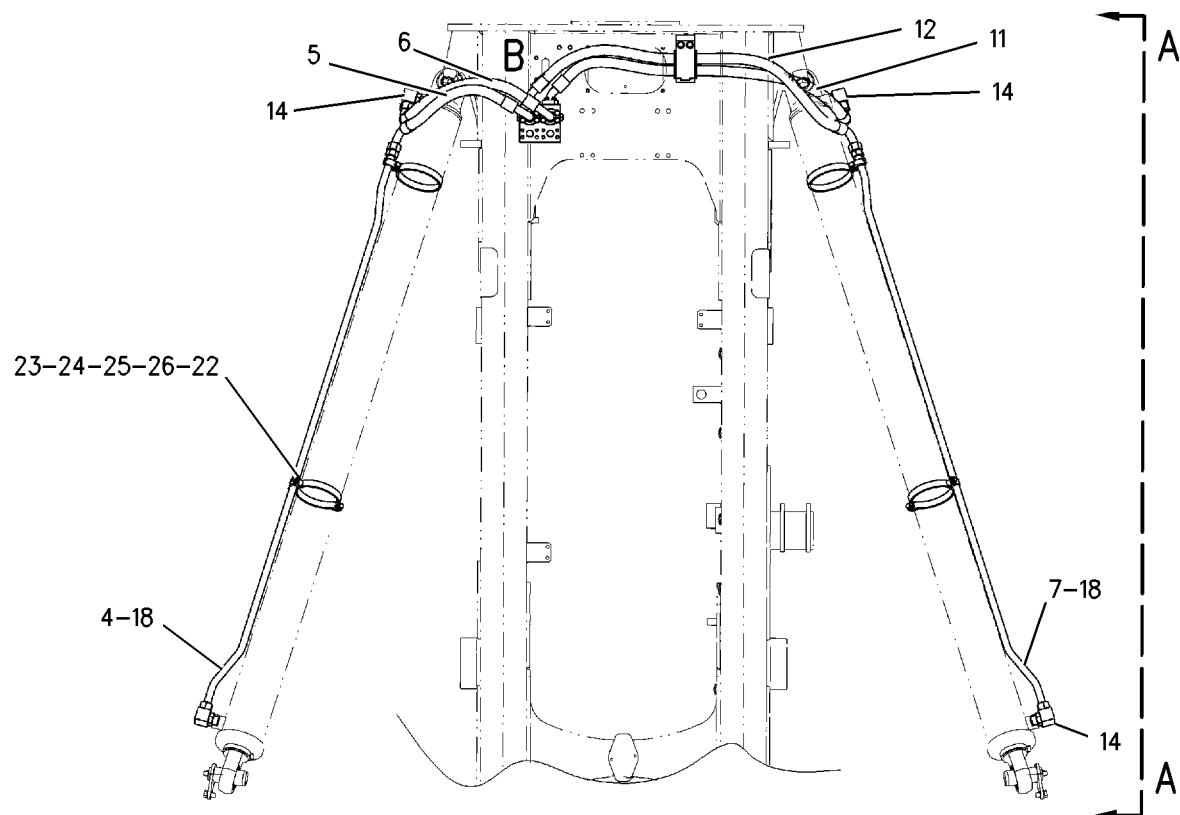
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7G-5984	1	CLIP (TAB)						
	2	1	7G-5985	1	CLIP (SLOT)						
	3	1	153-3528	1	MANIFOLD-HOIST						
	4	1	166-0436	1	TUBE AS						
I	5	1	189-9940	1	HOSE AS						
I	6	1	189-9941	1	HOSE AS						
	7	1	190-6286	1	TUBE AS						
	8	1	207-5745	1	PLATE-ANGLE						
	9	1	215-1198	4	CLAMP						
	10	1	215-1199	4	CLAMP						
I	11	1	221-7227	1	HOSE AS						
I	12	1	221-7250	1	HOSE AS						
	13	1	148-8313	1	ADAPTER AS						
		1	3K-0360	1	SEAL-O-RING						
		1	5P-6944	1	ADAPTER						
	14	1	148-8357	4	ELBOW AS						
					(EACH INCLUDES)						
		1	6V-9008	1	ELBOW						
		1	5K-9090	1	SEAL-O-RING						
		1	7M-8485	1	SEAL-O-RING						
	15	1	148-8411	1	PLUG AS						
		1	9S-4185	1	PLUG-O-RING						
		1	3K-0360	1	SEAL-O-RING						
	16	1	164-5567	1	COUPLER AS-QUICK DISCONNECT (MALE)						
		1	214-7568	1	SEAL-O-RING						
		1	6V-3965	1	FITTING (QUICK DISCONNECT)						
	17	1	4J-0520	4	SEAL-O-RING						
	18	1	5K-9090	2	SEAL-O-RING						
	19	1	6V-0852	1	CAP-DUST						
	20	1	7G-5986	1	GROMMET						
	21	1	8C-3206	8	FLANGE-HALF						
M	22	1	8T-0389	4	LOCKNUT (M10X1.5-THD)						
	23	1	8T-1889	4	CLIP (SLOT)						
	24	1	8T-1890	4	CLIP (TAB)						
	25	1	8T-4121	25	WASHER-HARD (11X21X2.5-MM THK)						
M	26	1	8T-4186	4	BOLT (M10X1.5X40-MM)						
M	27	1	8T-4196	16	BOLT (M10X1.5X35-MM)						
M	28	1	8T-4198	1	BOLT (M10X1.5X100-MM)						
	29	1	8T-4223	6	WASHER-HARD (13.5X25.5X3-MM THK)						
M	30	1	8T-4244	2	NUT (M12X1.75-THD)						
M	31	1	8T-4956	4	BOLT (M12X1.75X35-MM)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART

HYDRAULIC SYSTEM

152-7040 CONTROL GP-HOIST (contd.)

i04280632



GRAPHIC #1

<END>

g00933730

HYDRAULIC SYSTEM

291-9038 COOLER & MTG GP-HYDRAULIC OIL

S/N: T4R1-UP

PART OF 332-3066 RADIATOR AR

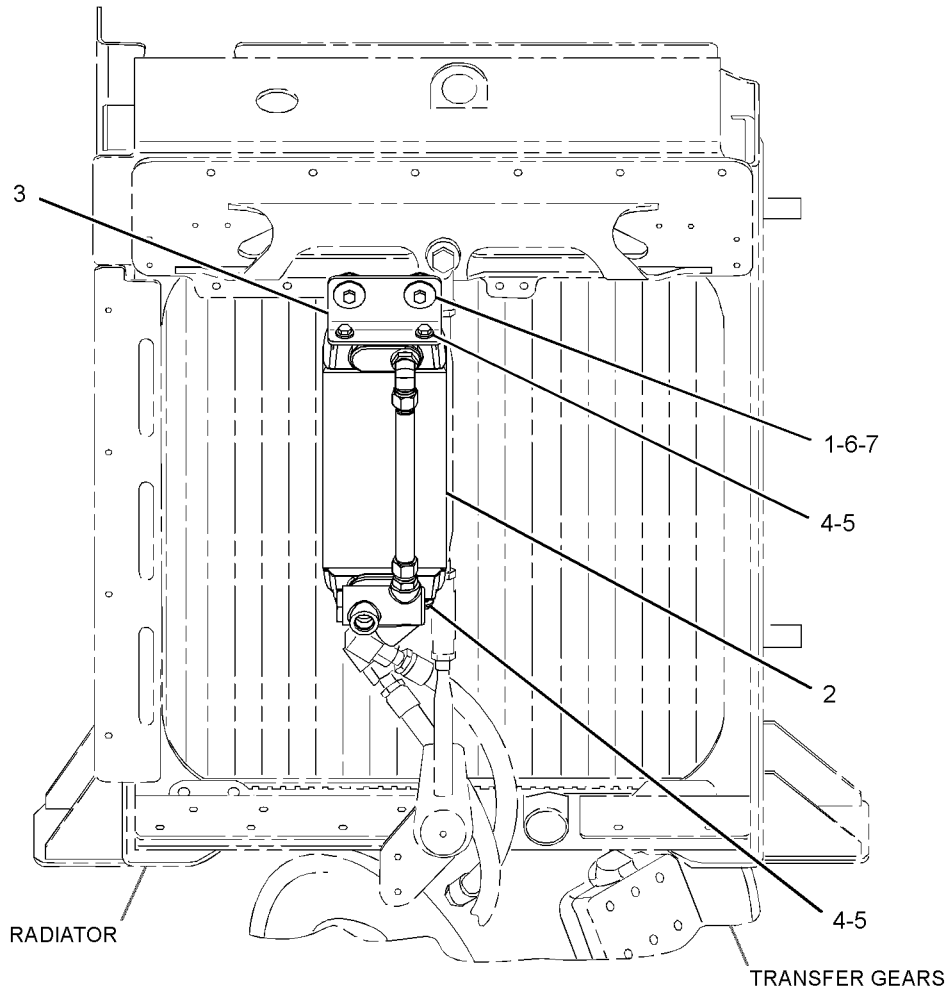
SMCS-1374

i04171464

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	243-2289	2	MOUNT AS						
Y	2	1	347-4032	1	COOLER GP-HYDRAULIC OIL						611
	3	1	348-2811	1	BRACKET						
	4	1	7X-7729	4	WASHER (11X25X3-MM THK)						
M	5	1	8T-4136	4	BOLT (M10X1.5X25-MM)						
M	6	1	8T-4186	2	BOLT (M10X1.5X40-MM)						
	7	1	8T-4226	4	WASHER-PLATED (10.5X45X3-MM THK)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02370736

HYDRAULIC SYSTEM

291-9040 COOLER & MTG GP-HYDRAULIC OIL

S/N: T4R1-UP

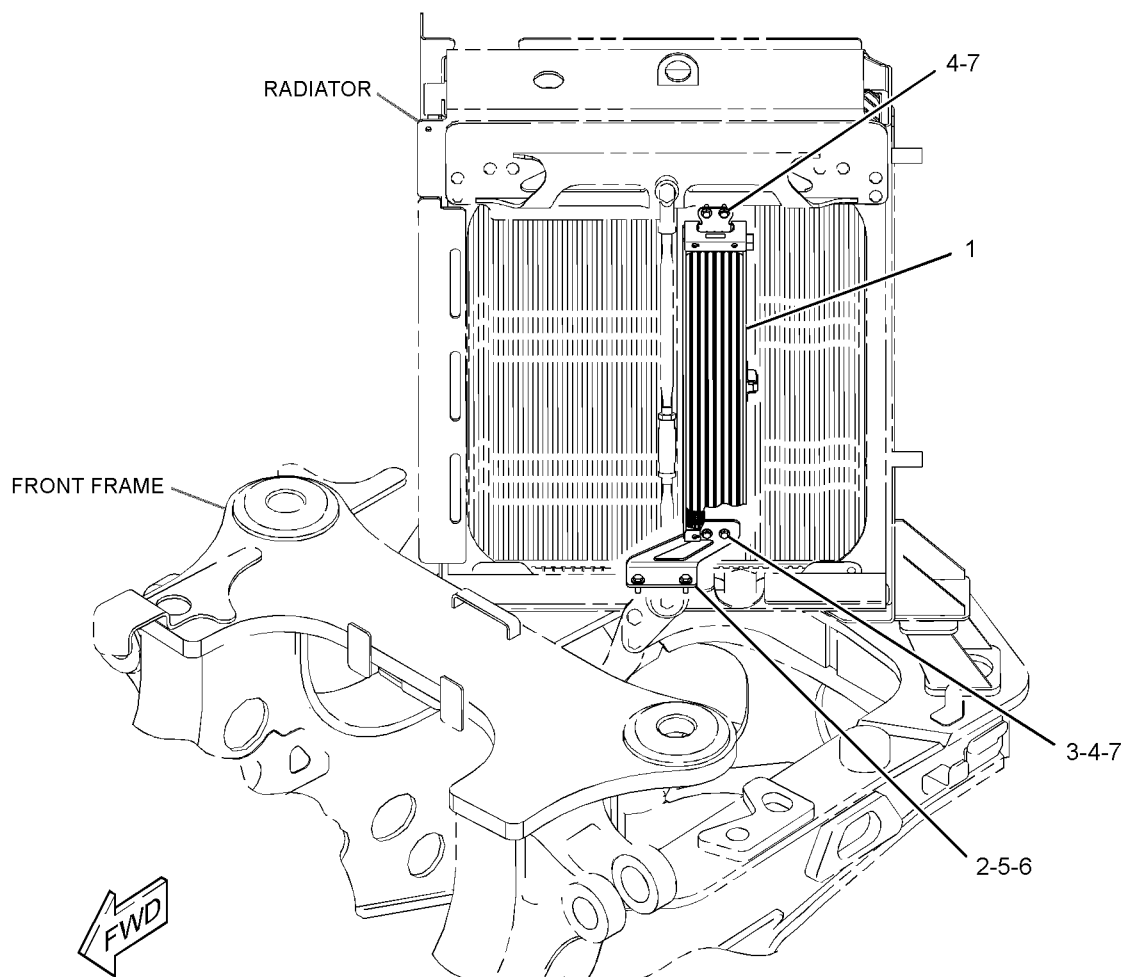
FUEL CONTROL

PART OF 332-3066 RADIATOR AR

SMCS-1374

i04171138

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	334-3325	1	CORE AS-FUEL COOLER						
	2	1	348-2813	1	BRACKET						
M	3	1	5C-7261	2	NUT (M8X1.25-THD)						
	4	1	5P-4116	6	WASHER-HARD (8.8X20.5X2-MM THK)						
	5	1	7X-7729	2	WASHER (11X25X3-MM THK)						
M	6	1	8T-4195	2	BOLT (M10X1.5X30-MM)						
M	7	1	8T-4908	4	BOLT (M8X1.25X25-MM)						
M-METRIC PART											



GRAPHIC #1

<END>

g02409836

HYDRAULIC SYSTEM

328-4009 COOLER & MTG GP-HYDRAULIC OIL

S/N: T4R1-UP

PART OF 332-3066 RADIATOR AR

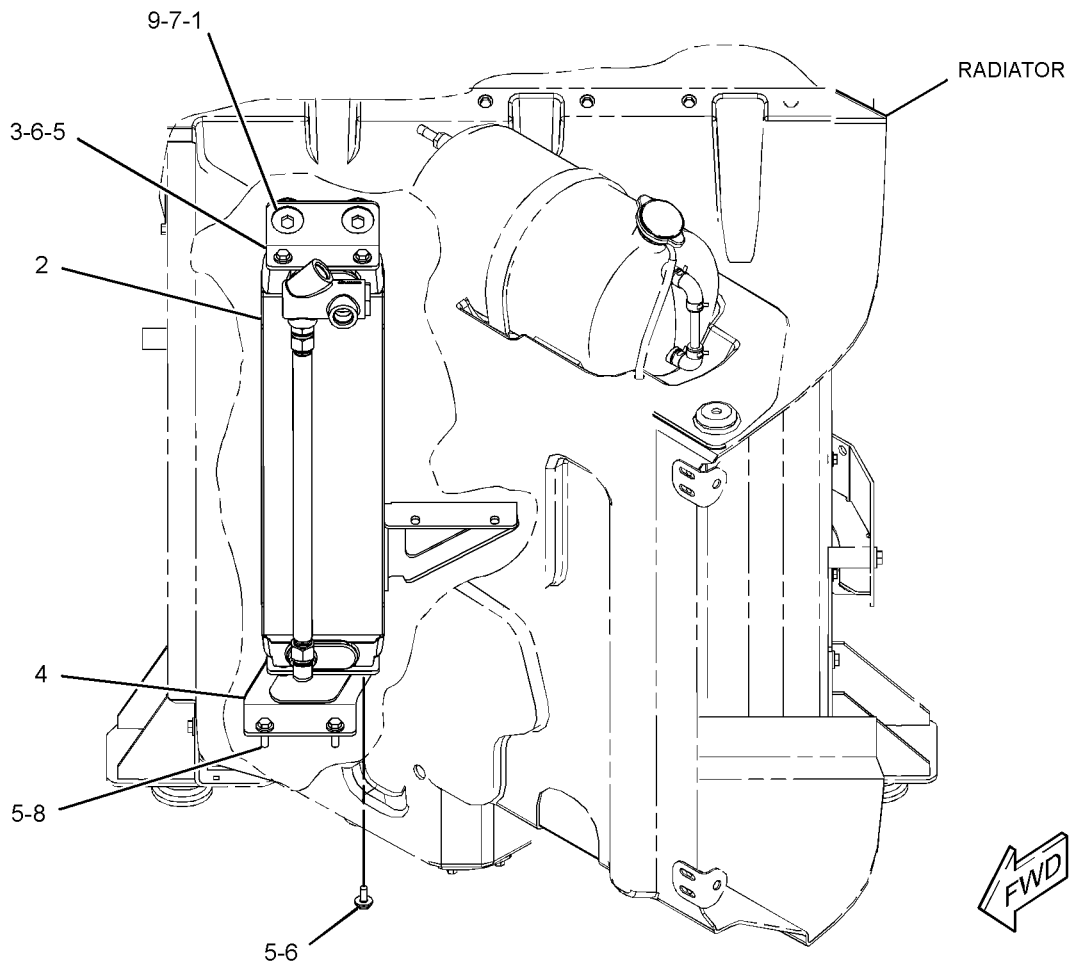
SMCS-1374

i04171473

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	243-2289	2	MOUNT AS						
Y	2	1	347-4031	1	COOLER GP-HYDRAULIC OIL						610
	3	1	348-2811	1	BRACKET						
	4	1	348-2812	1	BRACKET						
	5	1	7X-7729	6	WASHER (11X25X3-MM THK)						
M	6	1	8T-4136	4	BOLT (M10X1.5X25-MM)						
M	7	1	8T-4186	2	BOLT (M10X1.5X40-MM)						
M	8	1	8T-4195	2	BOLT (M10X1.5X30-MM)						
	9	1	8T-4226	4	WASHER-PLATED (10.5X45X3-MM THK)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02388476

HYDRAULIC SYSTEM

347-4031 COOLER GP-HYDRAULIC OIL

S/N: T4R1-UP

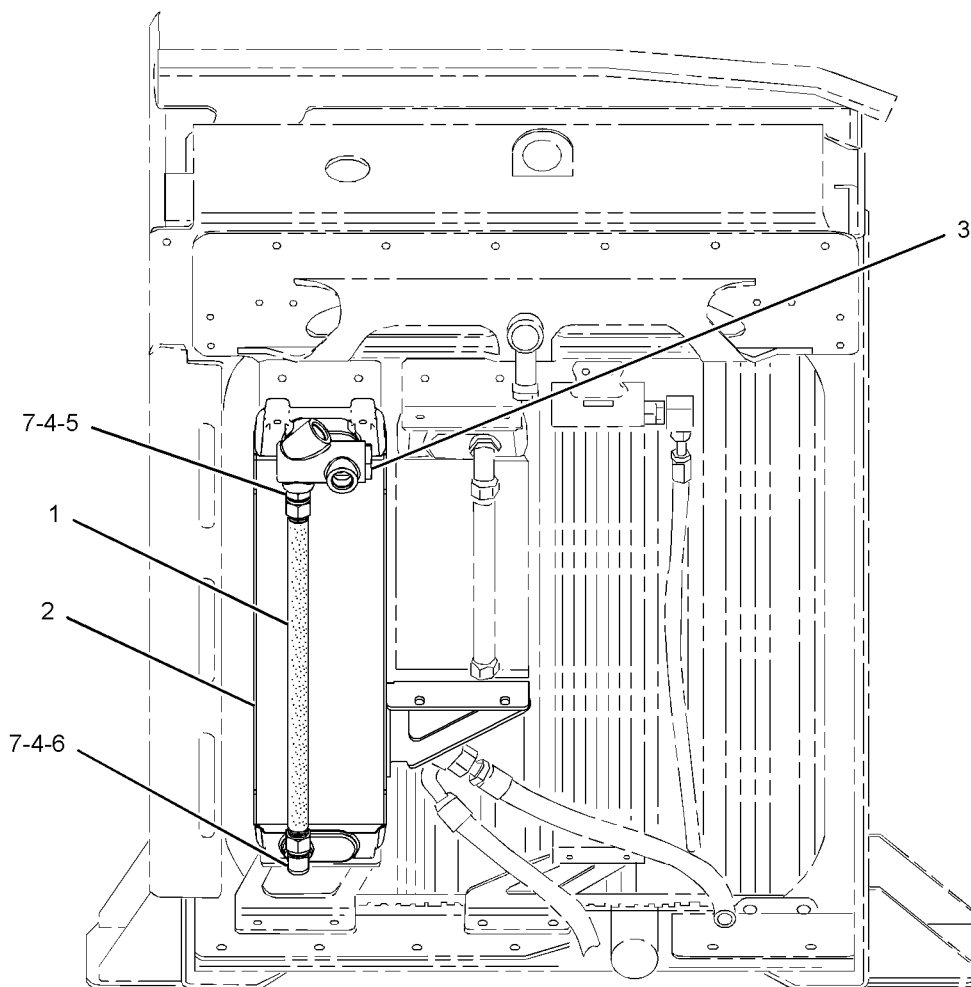
PART OF 328-4009 COOLER & MTG GP-HYDRAULIC OIL

SMCS-1374

i04171501

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	348-8091	1	HOSE AS						
	2	1	348-8093	1	CORE AS-OIL COOLER (HYDRAULIC)						
	3	1	360-5604	1	VALVE AS-CONTROL (HYDRAULIC OIL TEMP)						
		1	238-5085	1	SEAL-O-RING						
	4	1	3D-2824	2	SEAL-O-RING						
	5	1	6V-8637	1	CONNECTOR						
	6	1	6V-9007	1	ELBOW						
	7	1	6V-9746	2	SEAL-O-RING						

I-REFER TO HYDRAULIC INFORMATION SYSTEM



GRAPHIC #1

<END>

g02396376

HYDRAULIC SYSTEM

347-4032 COOLER GP-HYDRAULIC OIL

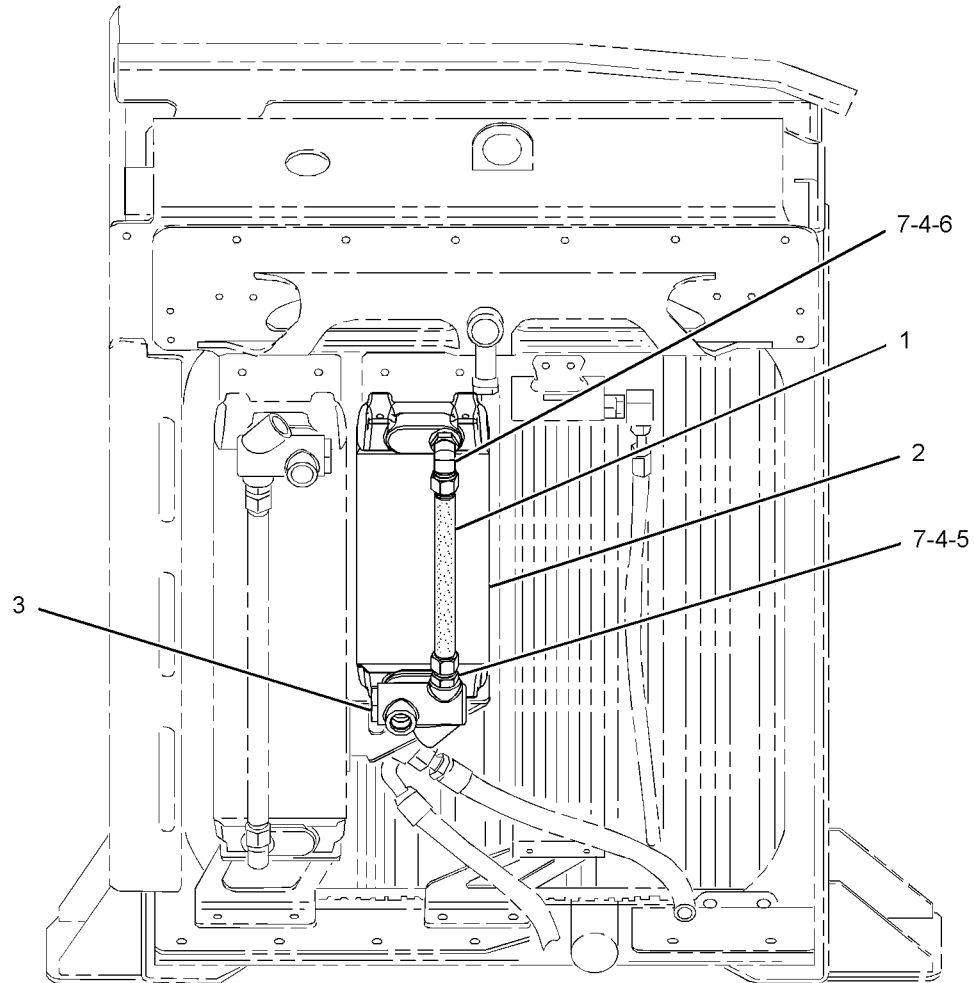
S/N: T4R1-UP

PART OF 291-9038 COOLER & MTG GP-HYDRAULIC OIL

SMCS-1374

i04171503

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	348-8092	1	HOSE AS						
	2	1	348-8094	1	CORE AS-OIL COOLER (HYDRAULIC)						
	3	1	360-5604	1	VALVE AS-CONTROL (HYDRAULIC OIL TEMP)						
		1	238-5085	1	SEAL-O-RING						
	4	1	3D-2824	2	SEAL-O-RING						
	5	1	6V-8637	1	CONNECTOR						
	6	1	6V-9007	1	ELBOW						
	7	1	6V-9746	2	SEAL-O-RING						
I-REFER TO HYDRAULIC INFORMATION SYSTEM											



GRAPHIC #1

<END>

g02396499

HYDRAULIC SYSTEM

332-6525 COVER GP-TANK-STEERING

S/N: T4R1-UP

PART OF 332-6453 TANK GP-HYDRAULIC

SMCS-5056

i04280593

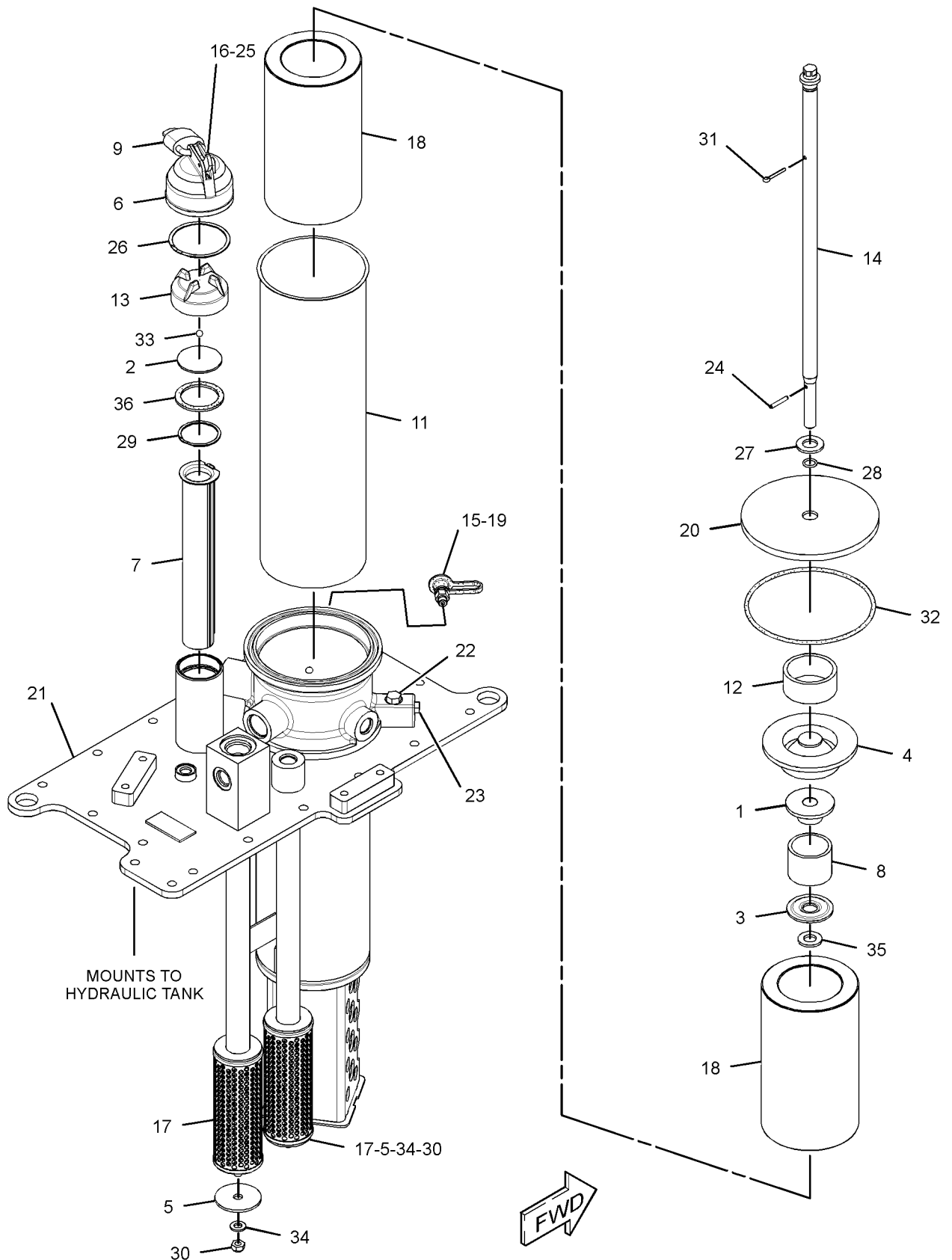
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1U-1643	1	VALVE (HYDRAULIC TANK)						
	2	1	2D-4202	1	PLATE						
	3	1	2J-0917	1	RETAINER						
	4	1	4J-1704	1	SEAT-VALVE						
	5	1	4T-8698	2	WASHER (12.2X62X3.5-MM THK)						
	6	1	5D-1911	1	COVER-HYDRAULIC CAP						
	7	1	5D-7927	1	STRAINER AS-OIL (HYDRAULIC TANK)						
		1	5F-3488	1	END-STRAINER						
	8	1	5J-2926	1	SPRING						
	9	1	246-2641	1	PADLOCK GP						
		1	5P-8500	1	KEY						
	11	1	6J-3795	1	SCREEN AS (HYDRAULIC TANK)						
	12	1	6P-3860	1	SPRING						
	13	1	7H-1447	1	CAP-FILLER (HYDRAULIC TANK)						
	14	1	7J-0815	1	BOLT-FILTER						
	15	1	8C-3451	1	CAP-DUST						
	16	1	9M-7394	1	LEVER (HYDRAULIC TANK)						
	17	1	119-4885	2	SCREEN (HYDRAULIC TANK)						
	18	1	132-8876	2	FILTER ELEMENT AS-OIL (ULTRA HIGH EFFICIENCY) (HYDRAULIC)						
	19	1	164-5590	1	VALVE AS-FLUID SAMPLING (HYDRAULIC OIL)						
		1	3J-7354	1	SEAL-O-RING						
		1	8C-3446	1	VALVE-FLUID SAMPLING (HYDRAULIC OIL)						
	20	1	248-2013	1	COVER-FILTER						
	21	1	332-6523	1	COVER AS						
		1	333-7975	1	TUBE AS						
	22	1	148-8407	1	PLUG AS						
		1	3J-1907	1	SEAL-O-RING						
		1	9S-4191	1	PLUG-O-RING						
	23	1	155-3624	1	PLUG AS						
		1	3J-7354	1	SEAL-O-RING						
		1	9S-4182	1	PLUG-O-RING						
	24	1	1H-1200	1	PIN-SPRING						
	25	1	1L-5072	1	DOWEL						
	26	1	2J-7761	1	RING-RETAINING						
	27	1	5P-8248	1	WASHER-HARD (20X36.5X3.5-MM THK)						
	28	1	6F-4855	1	SEAL-O-RING						
	29	1	6H-9361	1	RING-RETAINING						
M	30	1	6V-7744	2	LOCKNUT (M10X1.5-THD)						
	31	1	7J-5925	1	PIN-COTTER						
	32	1	8J-1665	1	SEAL-O-RING						
	33	1	8T-2275	1	BALL						
	34	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
	35	1	8T-4122	1	WASHER-HARD (17X32X3.5-MM THK)						
	36	1	9H-6454	1	GASKET						

M-METRIC PART

HYDRAULIC SYSTEM

332-6525 COVER GP-TANK (contd.)

i04280593



GRAPHIC #1

<END>

g02391242

HYDRAULIC SYSTEM

332-6833 COVER GP-TANK

S/N: T4R1-UP

PART OF 332-6453 TANK GP-HYDRAULIC

SMCS-5056

i04280592

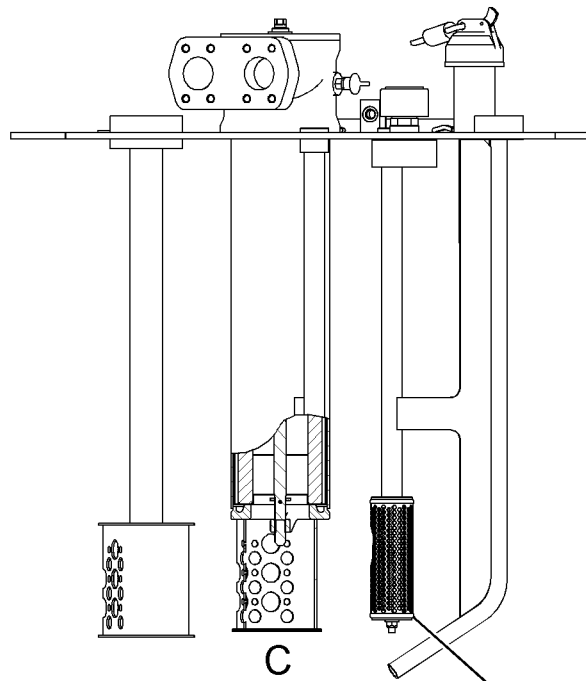
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1U-1643	1	VALVE (HYDRAULIC TANK)						
	2	1	2D-4202	1	PLATE						
	3	1	2J-0917	1	RETAINER						
	4	1	4J-1704	1	SEAT-VALVE						
	5	1	4T-8698	2	WASHER (12.2X62X3.5-MM THK)						
	6	1	5D-1911	1	COVER-HYDRAULIC CAP						
	7	1	5D-7927	1	STRAINER AS-OIL (HYDRAULIC)						
		1	5F-3488	1	END-STRAINER						
	8	1	5J-2926	1	SPRING						
	9	1	246-2641	1	PADLOCK GP						
		1	5P-8500	1	KEY						
	11	1	6P-3860	1	SPRING						
	12	1	7H-1447	1	CAP-FILLER (HYDRAULIC TANK)						
	13	1	8C-3451	1	CAP-DUST						
	14	1	9M-7394	1	LEVER (HYDRAULIC TANK)						
	15	1	9R-3176	1	SEAL-O-RING						
	16	1	119-4885	2	SCREEN (HYDRAULIC TANK)						
	17	1	132-8876	3	FILTER ELEMENT AS-OIL (ULTRA HIGH EFFICIENCY) (HYDRAULIC)						
	18	1	149-2744	1	BOLT-FILTER (5/8-11X31.3-IN)						
	19	1	150-8457	1	SCREEN AS (HYDRAULIC TANK)						
	20	1	157-7911	1	BREATHER (7-PSI) (HYDRAULIC TANK)						
	21	1	164-5590	1	VALVE AS-FLUID SAMPLING (HYDRAULIC OIL)						
		1	3J-7354	1	SEAL-O-RING						
		1	8C-3446	1	VALVE-FLUID SAMPLING (HYDRAULIC OIL)						
	22	1	248-2013	1	COVER-FILTER						
	23	1	332-6522	1	COVER AS						
		1	7T-1099	4	LINK						
		1	333-7973	1	TUBE AS						
		1	334-3480	1	TUBE AS						
		1	334-3481	2	TUBE AS						
		1	338-1489	1	TUBE AS-FILTER						
	24	1	148-8407	1	PLUG AS						
		1	3J-1907	1	SEAL-O-RING						
		1	9S-4191	1	PLUG-O-RING						
	25	1	155-3624	1	PLUG AS						
		1	3J-7354	1	SEAL-O-RING						
		1	9S-4182	1	PLUG-O-RING						
	26	1	1H-1200	1	PIN-SPRING						
	27	1	1L-5072	1	DOWEL						
	28	1	2J-7761	1	RING-RETAINING						
	29	1	5P-8248	1	WASHER-HARD (20X36.5X3.5-MM THK)						
	30	1	6F-4855	1	SEAL-O-RING						
	31	1	6H-9361	1	RING-RETAINING						
M	32	1	6V-7744	2	LOCKNUT (M10X1.5-THD)						
	33	1	7J-5925	1	PIN-COTTER						
	34	1	8J-1665	1	SEAL-O-RING						
	35	1	8T-2275	1	BALL						
	36	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
	37	1	8T-4122	1	WASHER-HARD (17X32X3.5-MM THK)						
	38	1	9H-6454	1	GASKET						

M-METRIC PART

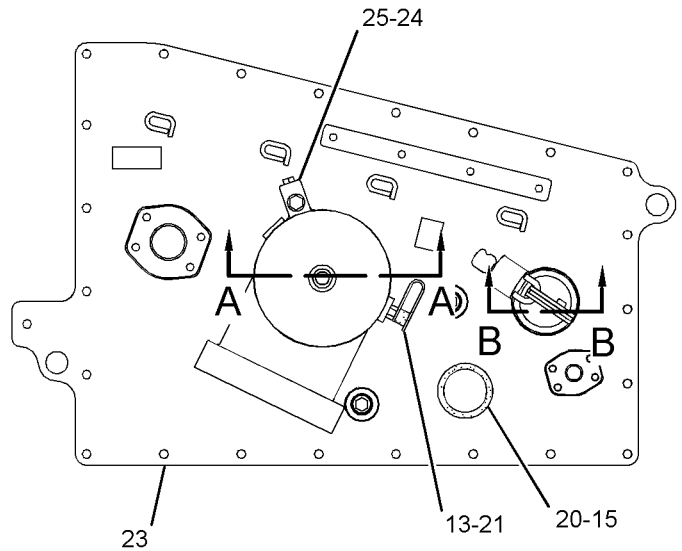
HYDRAULIC SYSTEM

332-6833 COVER GP-TANK (contd.)

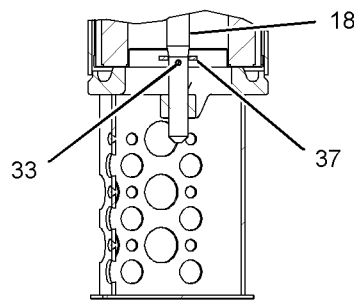
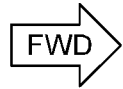
i04280592



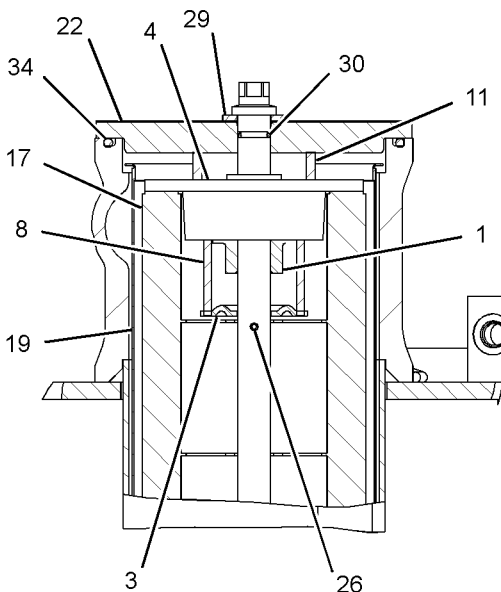
RIGHT SIDE VIEW



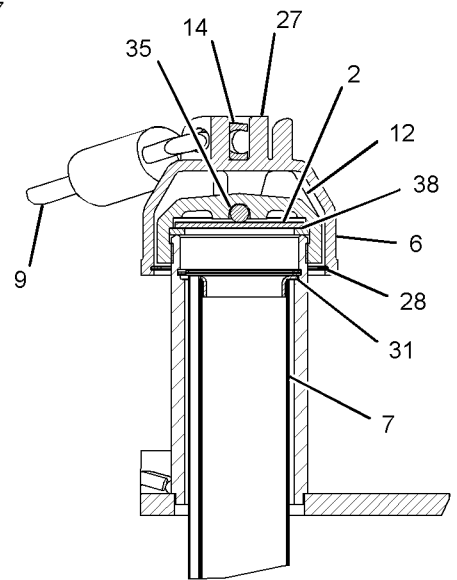
TOP VIEW



VIEW OF AREA C



SECTION A-A



SECTION B-B

GRAPHIC #1

<END>

g02381299

HYDRAULIC SYSTEM

285-4034 CYLINDER GP-HOIST

S/N: T4R1-UP

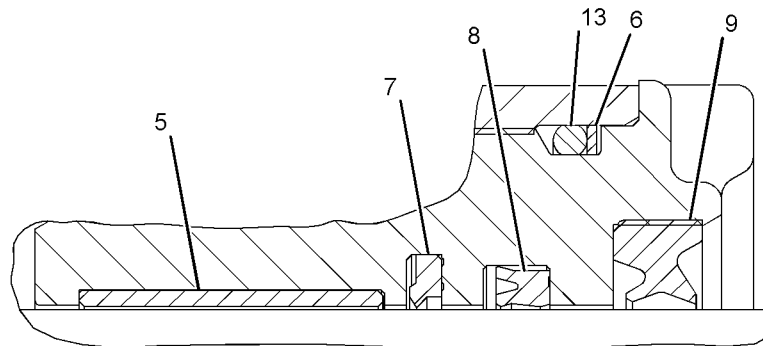
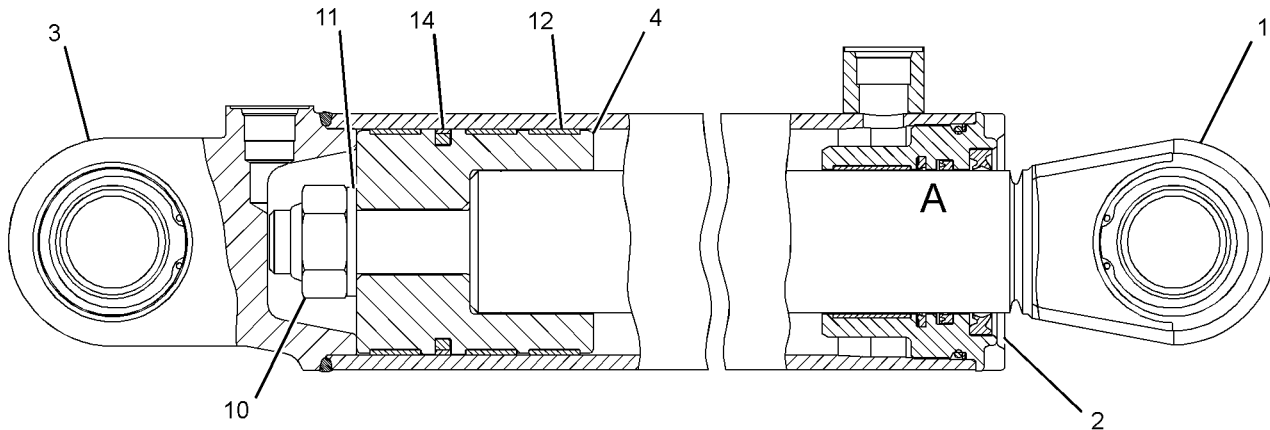
140-MM (5.5-IN) BORE X 2411-MM (95-IN) STROKE

PART OF 328-3986 CYLINDER GP-HOIST

SMCS-5102

i04280730

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	141-6670	1	ROD AS (HOIST CYLINDER)	
		1	1J-6472	2	RING-RETAINING	
		1	066-5815	1	BEARING-SELF-ALIGNING	
2		1	141-6672	1	HEAD	
3		1	241-4069	1	CYLINDER AS (HOIST)	
		1	1J-6472	2	RING-RETAINING	
		1	066-5815	1	BEARING-SELF-ALIGNING	
4		1	283-8470	1	PISTON	
5		1	132-4907	1	RING-WEAR (ROD)	
6		1	140-0233	1	RING-BACKUP	
7		1	311-9316	1	SEAL AS-BUFFER	
8		1	311-9317	1	SEAL-U-CUP	
9		1	311-9318	1	SEAL-WIPER	
10		1	2U-2576	1	NUT (1-1/2-6-THD)	
11		1	3S-6162	1	WASHER-HARD (40.5X67X6-MM THK)	
12		1	4J-4606	3	RING-WEAR	
13		1	5P-1979	1	SEAL-O-RING	
14		1	6E-0465	1	SEAL AS	



VIEW OF AREA A

<END>

GRAPHIC #1

g01318181

HYDRAULIC SYSTEM

328-3986 CYLINDER GP-HOIST

S/N: T4R1-UP

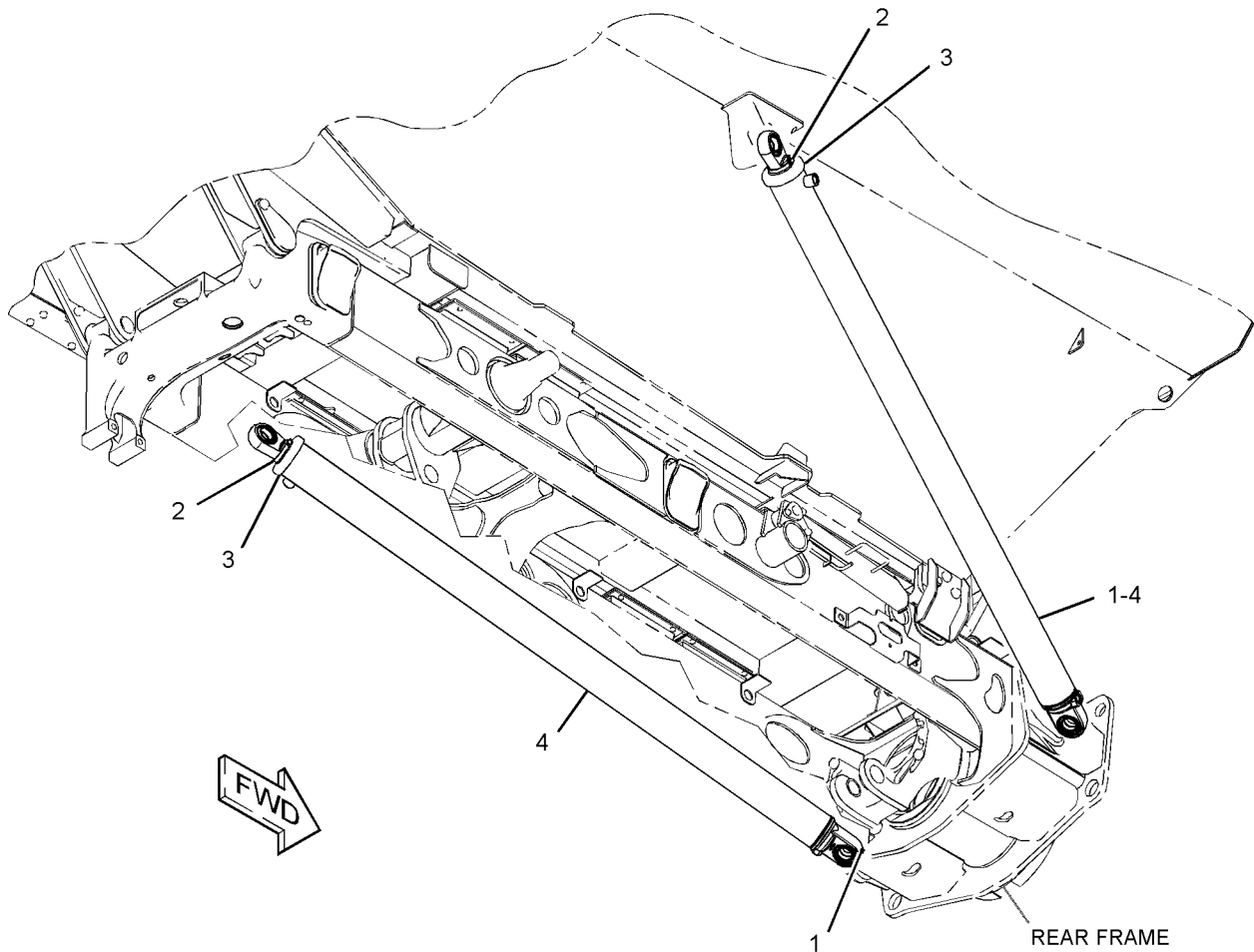
139.7-MM (5.5-IN) BORE X 2411-MM (94.9-IN) STROKE

PART OF 291-8802 HYDRAULIC AR

SMCS-5102

i04171469

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	5U-7151	2	CAP-GREASE	
	2	1	6V-3582	2	CLAMP-HOSE	
	3	1	157-1728	2	SEAL	
Y	4	1	285-4034	2	CYLINDER GP-HOIST	616
Y-SEPARATE ILLUSTRATION						



GRAPHIC #1

<END>

g02377658

HYDRAULIC SYSTEM

291-8684 HYDRAULIC AR

S/N: T4R1-UP

PART OF 291-8649 GENERAL AR

SMCS-5050

i04169574

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	291-8791	1	HYDRAULIC	AR					618
Y	291-8802	1	HYDRAULIC	AR					619
Y-SEPARATE ILLUSTRATION									
<END>									

291-8791 HYDRAULIC AR

S/N: T4R1-UP

PART OF 291-8684 HYDRAULIC AR

SMCS-5050

i04169597

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	357-9966	1	CONTROL GP-DIFFERENTIAL LOCK						366
Y	352-2669	1	LINES GP-HYDRAULIC FAN (RADIATOR)						625
Y	328-3988	1	CYLINDER GP-STEERING						585
Y	328-3989	1	CYLINDER GP-SUSPENSION						686
Y	291-8777	1	LINES GP-SERVICE BRAKE						571
Y	291-8849	1	LINES GP-CONNECTING						620
Y	350-3001	1	LINES GP-COOLING						157
Y	349-9132	1	LINES GP-DRAIN (RADIATOR FAN)						622
Y	291-8908	1	LINES GP-HOIST (HYDRAULIC OIL)						623
Y	352-1335	1	LINES GP-PILOT (STEERING)						627
Y	328-3980	1	LINES GP-PRESSURE TEST						628
Y	291-8835	1	LINES GP-PUMP (BRAKE CONTROL)						631
Y	291-8836	1	LINES GP-PUMP (HYDRAULIC FAN)						634
Y	291-8837	1	LINES GP-PUMP (ATAAC FAN)						636
Y	291-8842	1	LINES GP-PUMP (STEERING)						639
Y	291-8844	1	LINES GP-PUMP (SECONDARY STEERING)						642
Y	335-5182	1	LINES GP-PUMP (HOIST)						643
Y	291-8831	1	LINES GP-RETURN (HOIST PILOT)						647
Y	338-4540	1	LINES GP-STEERING (CYLINDER)						588
Y	291-8852	1	PUMP & MTG GP-HYDRAULIC FAN						656
Y	348-0195	1	PUMP & MTG GP-STEERING						592
Y	152-6961	1	PUMP & MTG GP-BRAKE						576
Y	152-6960	1	PUMP & MTG GP-HOIST						654
Y	191-6005	1	PUMP & MTG GP-HYDRAULIC						655
Y	341-1730	1	PUMP & MTG GP-SECONDARY STEER						591
Y	291-8858	1	TANK & MTG GP-HYDRAULIC (HOIST)						666
Y	291-8864	1	VALVE & MTG GP-HOIST CONTROL						673
Y-SEPARATE ILLUSTRATION									
<END>									

HYDRAULIC SYSTEM

291-8802 HYDRAULIC AR

S/N: T4R1-UP

PART OF 291-8684 HYDRAULIC AR

SMCS-5050

i04169601

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	357-9967	1	CONTROL GP-DIFFERENTIAL LOCK						368
Y	152-7040	1	CONTROL GP-HOIST						605
Y	352-8231	1	CONTROL GP-PARKING BRAKE						552
Y	328-3986	1	CYLINDER GP-HOIST						617
Y	346-9299	1	LINES GP-BRAKE COOLING						567
Y	356-6606	1	LINES GP-SERVICE BRAKE						575

Y-SEPARATE ILLUSTRATION

<END>

HYDRAULIC SYSTEM

291-8849 LINES GP-CONNECTING-HITCH

S/N: T4R1-UP

PART OF 291-8791 HYDRAULIC AR

SMCS-5057

i04169608

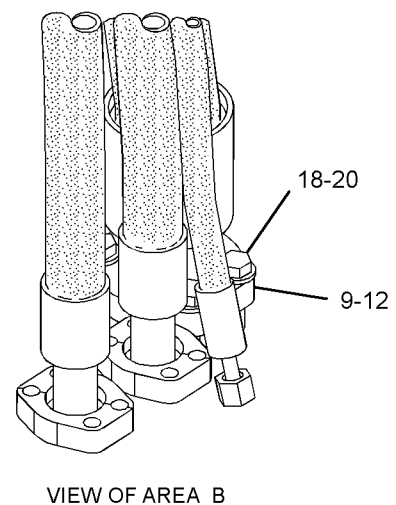
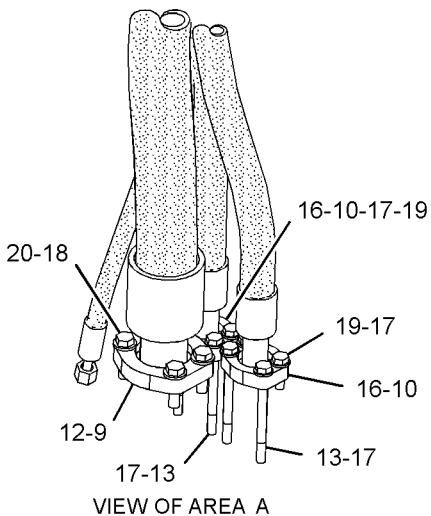
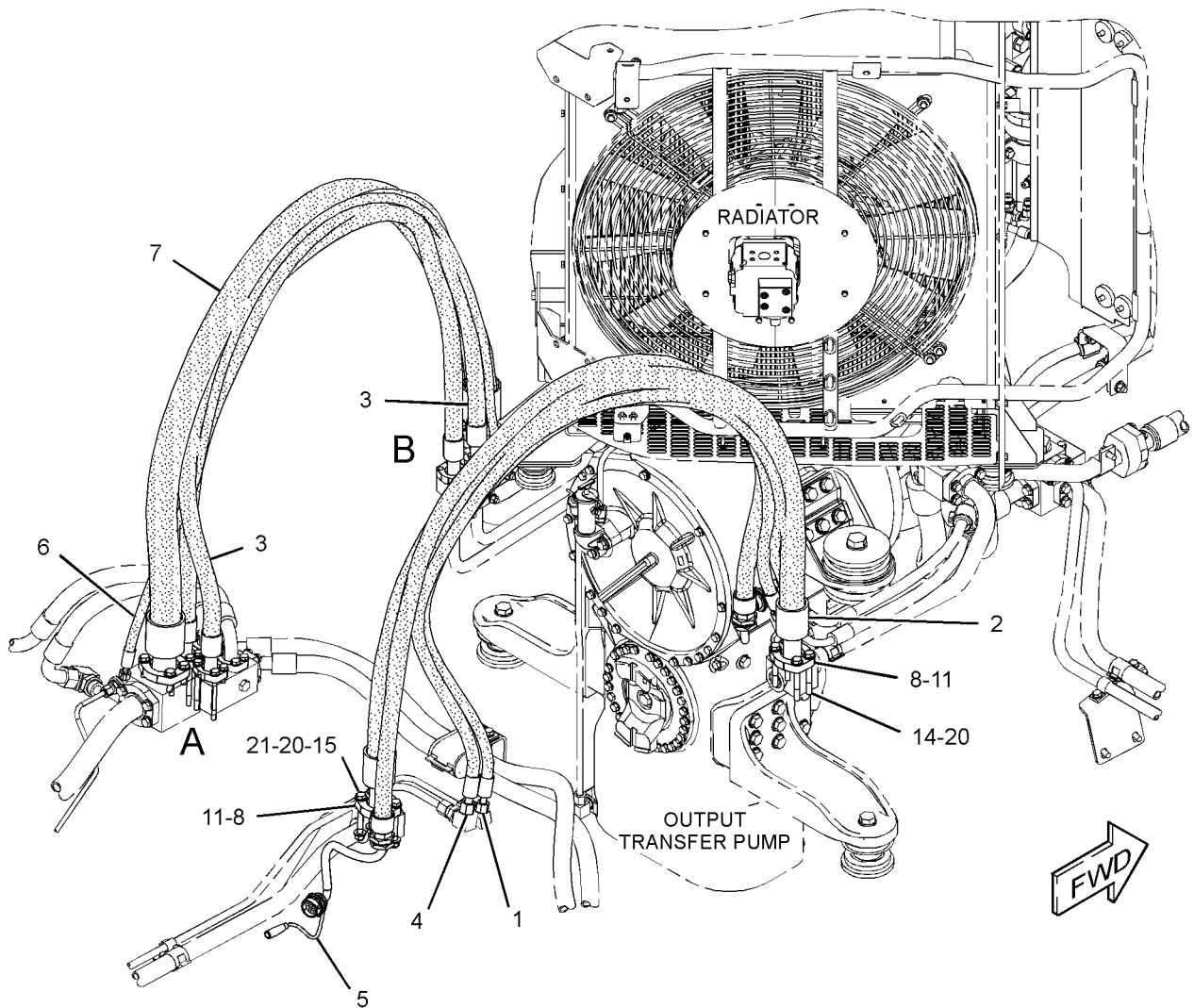
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	160-6013	1	HOSE	AS					
I	2	1	194-6933	1	HOSE	AS					
I	3	1	194-7711	2	HOSE	AS					
I	4	1	204-5696	1	HOSE	AS					
	5	1	336-2817	1	HARNESS	AS-CHASSIS					
		1	7X-2470	2	ADAPTER						
I		1	343-7066	1	HOSE	AS					
		1	2V-2043	2	NUT-BULKHEAD	(1-5/8-12-THD)					
		1	180-9214	1	NUT	(1-11/16-18-THD)					
		1	8T-8729	22	PIN-CONNECTOR	(16-GA TO 18-GA)					
		1	9W-0852	6	PIN-CONNECTOR	(14-GA TO 16-GA)					
		1	272-2838	1	PLUG	AS					
		1	8T-8737	6	PLUG-SEAL						
		1	272-2840	1	RECEPTACLE	AS-CONNECTOR (31-PIN)					
		1	8T-8730	22	SOCKET-CONNECTOR	(16-GA TO 18-GA)					
		1	9W-0844	6	SOCKET-CONNECTOR	(14-GA TO 16-GA)					
I	6	1	343-7065	1	HOSE	AS					
I	7	1	349-2875	1	HOSE	AS					
	8	1	1P-4579	4	FLANGE-HALF						
	9	1	1P-4582	4	FLANGE-HALF						
	10	1	4J-0520	4	SEAL-O-RING						
	11	1	4J-0524	2	SEAL-O-RING						
	12	1	4J-0527	2	SEAL-O-RING						
M	13	1	7X-2543	4	BOLT	(M10X1.5X120-MM)					
M	14	1	7X-2549	4	BOLT	(M12X1.75X100-MM)					
M	15	1	7X-2550	4	BOLT	(M12X1.75X110-MM)					
	16	1	8C-3206	8	FLANGE-HALF						
	17	1	8T-4121	8	WASHER-HARD	(11X21X2.5-MM THK)					
M	18	1	8T-4184	8	BOLT	(M12X1.75X45-MM)					
M	19	1	8T-4196	4	BOLT	(M10X1.5X35-MM)					
	20	1	8T-4223	20	WASHER-HARD	(13.5X25.5X3-MM THK)					
M	21	1	8T-4244	4	NUT	(M12X1.75-THD)					

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART

HYDRAULIC SYSTEM

291-8849 LINES GP-CONNECTING (contd.)

i04169608



GRAPHIC #1

<END>

g02383018

HYDRAULIC SYSTEM

349-9132 LINES GP-DRAIN-RADIATOR FAN

S/N: T4R1-UP

PART OF 291-8791 HYDRAULIC AR

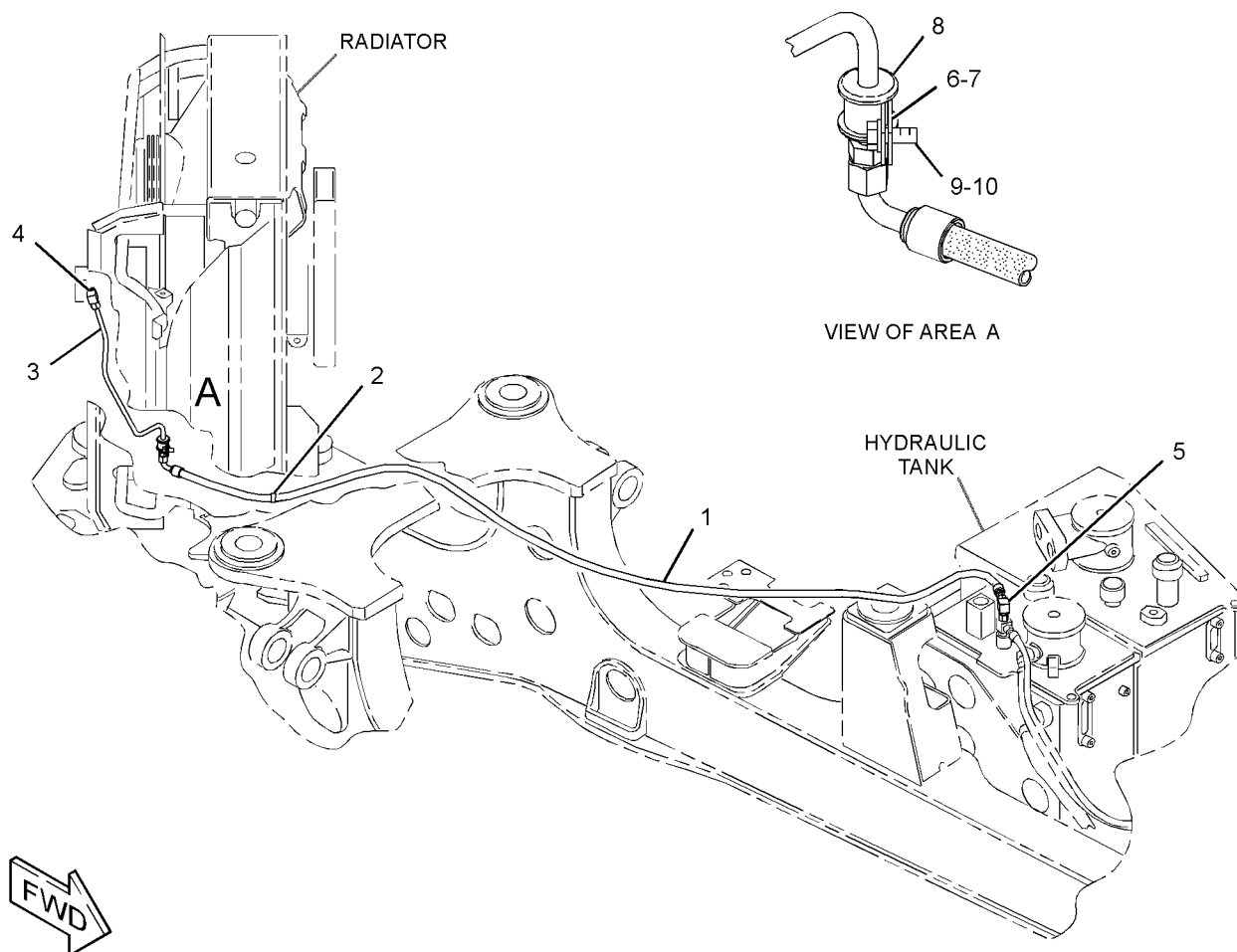
SMCS-5057

i04169652

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	230-8135	1	HOSE	AS					
	2	1	6U-0455	1	STRAP						
	3	1	363-6394	1	TUBE	AS					
	4	1	148-8365	1	ELBOW	AS					
		1	3J-1907	1	SEAL -O -RING						
		1	6V-8398	1	SEAL -O -RING						
		1	8T-6876	1	ELBOW						
	5	1	148-8370	1	ELBOW	AS					
		1	6V-8398	1	SEAL -O -RING						
		1	6V-9851	1	ELBOW						
6	1	301-7791	1	CLIP	(SLOT)						
7	1	301-7792	1	CLIP	(TAB)						
8	1	6V-0826	1	GROMMET							
9	1	8T-4121	1	WASHER-HARD	(11X21X2.5-MM THK)						
M	10	1	8T-4136	1	BOLT	(M10X1.5X25-MM)					

I-REFER TO HYDRAULIC INFORMATION SYSTEM

M-METRIC PART



GRAPHIC #1

<END>

g02370976

HYDRAULIC SYSTEM

291-8908 LINES GP-HOIST-HYDRAULIC OIL

S/N: T4R1-UP

PART OF 291-8791 HYDRAULIC AR

SMCS-5057

i04169679

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	106-8715	1	ELBOW AS						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-9746	1	SEAL-O-RING						
		1	8C-8400	1	ELBOW						
	2	1	194-1556	1	TUBE AS						
	3	1	194-1559	1	TUBE AS						
	4	1	194-1560	1	TUBE AS						
	5	1	207-8892	1	TUBE AS						
	6	1	231-7950	1	CLIP AS						
Y	8	1	349-9306	1	ACCUMULATOR GP-HYDRAULIC (CHARGED)						546
I	9	1	358-2138	1	HOSE AS						
	10	1	148-8359	1	ELBOW AS						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-9746	1	SEAL-O-RING						
		1	6V-9877	1	ELBOW						
	11	1	1P-3704	2	SEAL-RECTANGULAR						
	12	1	1P-5761	4	FLANGE-HALF						
	13	1	4J-0520	2	SEAL-O-RING						
	14	1	5K-9090	2	SEAL-O-RING						
	15	1	7X-7729	6	WASHER (11X25X3-MM THK)						
	16	1	8C-3206	4	FLANGE-HALF						
	17	1	8T-1889	6	CLIP (SLOT)						
	18	1	8T-1890	6	CLIP (TAB)						
	19	1	8T-4121	24	WASHER-HARD (11X21X2.5-MM THK)						
M	20	1	8T-4133	7	NUT (M10X1.5-THD)						
M	21	1	8T-4182	8	BOLT (M10X1.5X45-MM)						
M	22	1	8T-4195	5	BOLT (M10X1.5X30-MM)						
M	23	1	8T-4196	10	BOLT (M10X1.5X35-MM)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM

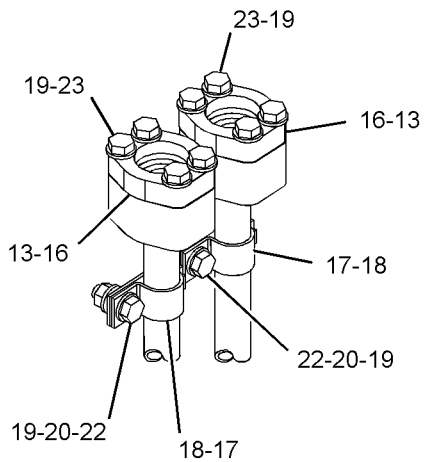
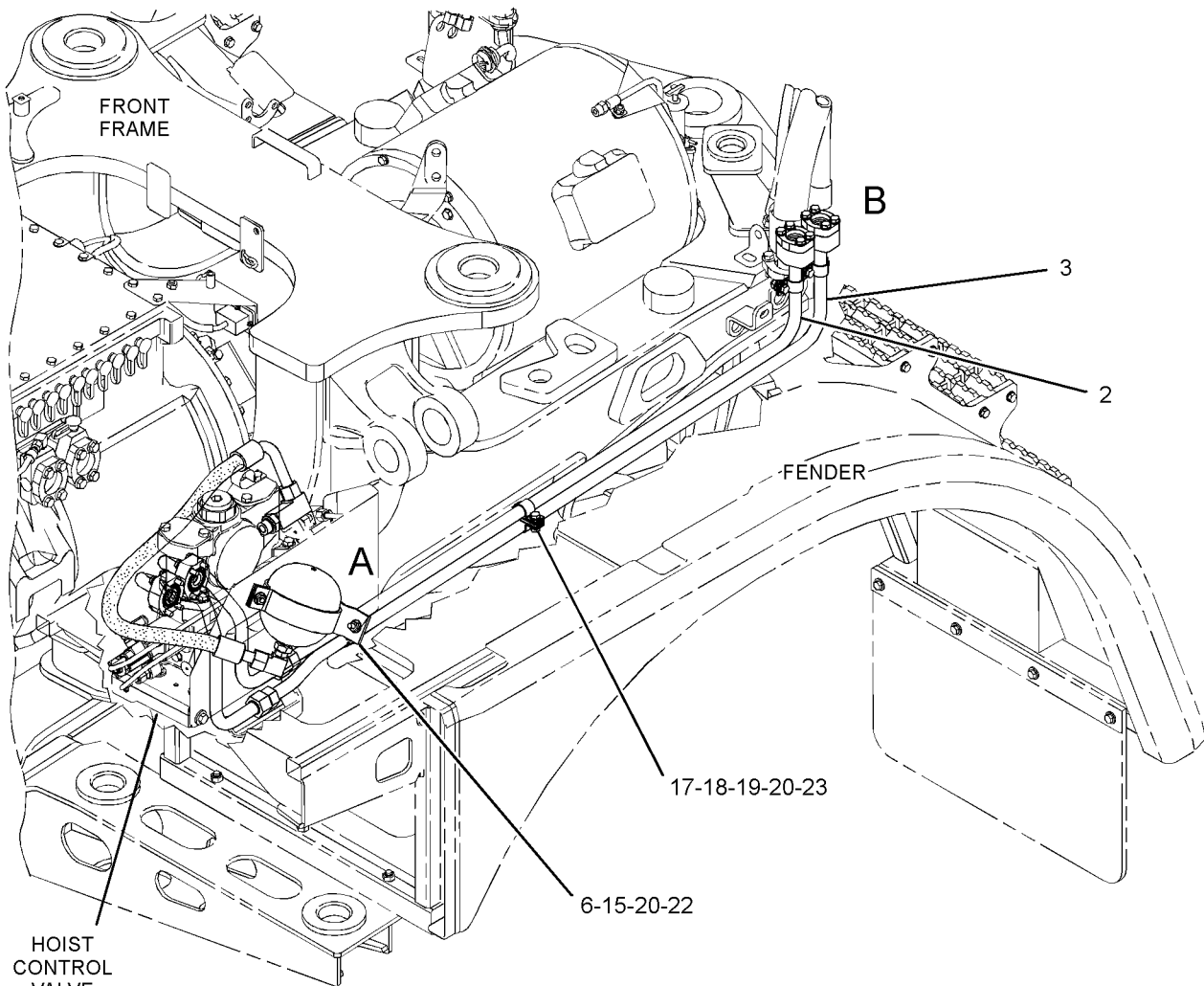
M-METRIC PART

Y-SEPARATE ILLUSTRATION

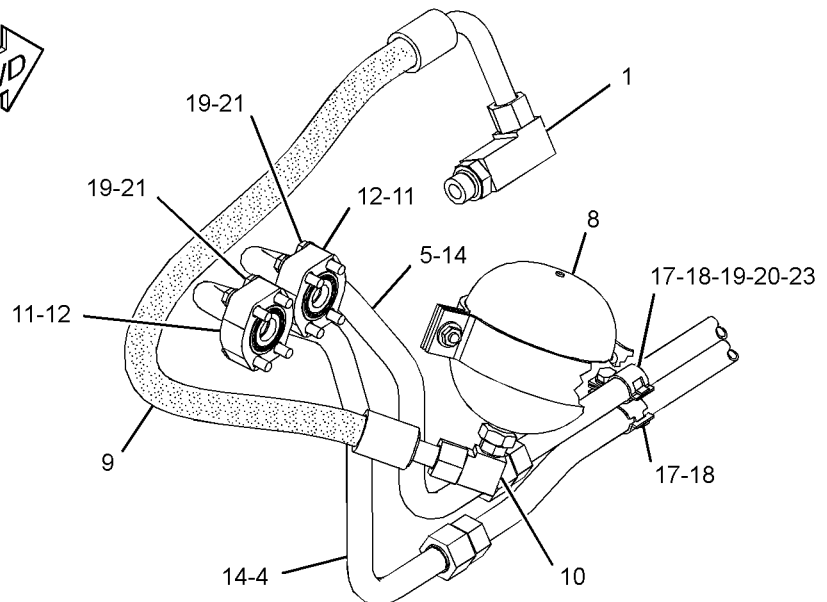
HYDRAULIC SYSTEM

291-8908 LINES GP-HOIST (contd.)

i04169679



VIEW OF AREA B



VIEW OF AREA A

GRAPHIC #1

<END>

g02410196

HYDRAULIC SYSTEM

352-2669 LINES GP-HYDRAULIC FAN-RADIATOR

S/N: T4R1-UP

PART OF 291-8791 HYDRAULIC AR

SMCS-5057

i04169657

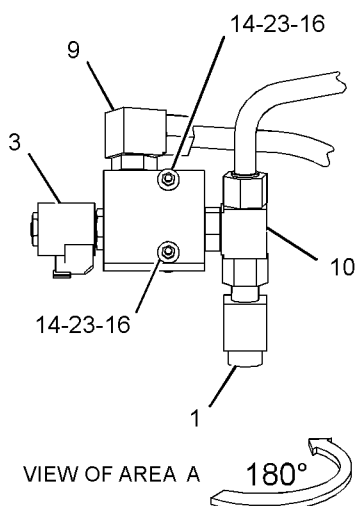
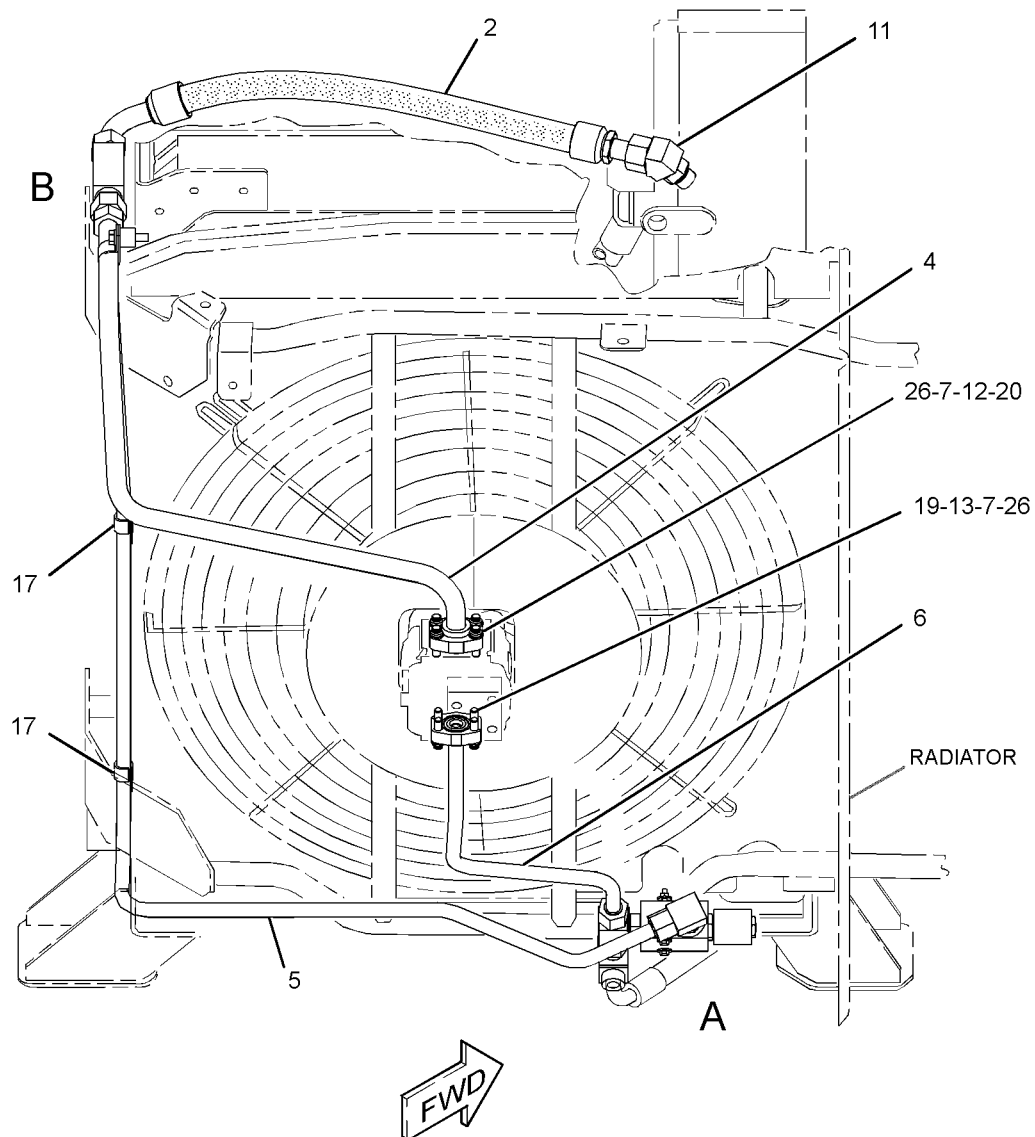
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	148-8430	1	TEE AS						
		1	6V-9746	1	SEAL-O-RING						
		1	7X-0873	1	TEE						
I	2	1	189-1890	1	HOSE AS						
	3	1	348-2302	1	VALVE & MTG GP (HYDRAULIC FAN MOTOR)						
		1	261-6729	1	MANIFOLD						
		1	279-6530	1	VALVE GP-SOLENOID (HYDRAULIC FAN)						
		1	261-6728	1	COIL AS						
	4	1	363-6391	1	TUBE AS						
	5	1	363-6392	1	TUBE AS						
	6	1	363-6393	1	TUBE AS						
M	7	1	118-9573	8	BOLT-12 POINT HEAD (M10X1.5X35-MM)						
	8	1	139-1802	1	TEE-SWIVEL-ORFS						
	9	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						
	10	1	153-6259	1	TEE AS						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-8777	1	TEE-FACE SEAL						
		1	6V-9746	2	SEAL-O-RING						
	11	1	188-2008	1	ELBOW AS						
		1	3D-2824	1	SEAL-O-RING						
		1	5K-9090	1	SEAL-O-RING						
		1	8T-7970	1	ELBOW						
	12	1	4J-0520	1	SEAL-O-RING						
	13	1	4J-5267	1	SEAL-O-RING						
M	14	1	5C-2890	2	NUT (M6X1-THD)						
	15	1	5K-9090	2	SEAL-O-RING						
	16	1	5P-4115	4	WASHER-HARD (7.2X19X2-MM THK)						
	17	1	6D-4246	2	CLIP						
	18	1	6V-9746	1	SEAL-O-RING						
	19	1	8C-3205	2	FLANGE-HALF						
	20	1	8C-3206	2	FLANGE-HALF						
	21	1	8T-1889	1	CLIP (SLOT)						
	22	1	8T-1890	1	CLIP (TAB)						
M	23	1	8T-3844	2	BOLT (M6X1X70-MM)						
	24	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						
M	25	1	8T-4182	1	BOLT (M10X1.5X45-MM)						
	26	1	8T-4896	8	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	27	1	9R-5383	1	BOSS (11X25X20-MM THK)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART

HYDRAULIC SYSTEM

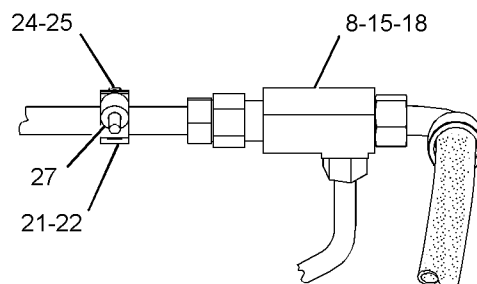
352-2669 LINES GP-HYDRAULIC FAN (contd.)

i04169657



VIEW OF AREA A

180°



VIEW OF AREA B

90°

GRAPHIC #1

<END>

g02371056

HYDRAULIC SYSTEM

352-1335 LINES GP-PILOT-STEERING

S/N: T4R1-UP

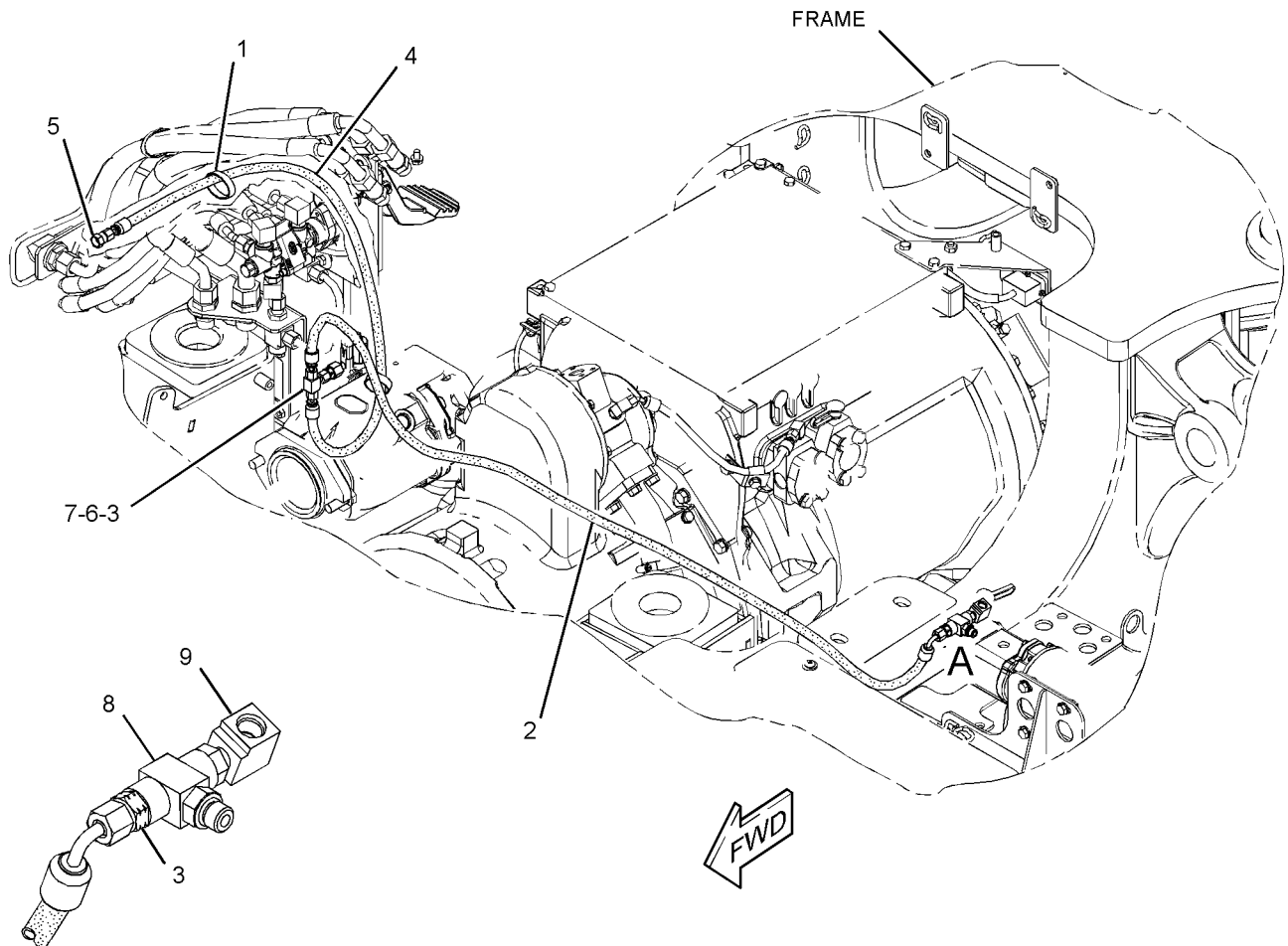
PART OF 291-8791 HYDRAULIC AR

SMCS-5057

i04169655

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6U-0456	2	STRAP						
I	2	1	117-3242	1	HOSE AS						
Y	3	1	165-7948	2	VALVE GP-CHECK (STEERING)						598
I	4	1	352-3240	1	HOSE AS						
	5	1	148-8413	1	REDUCER AS						
		1	4J-5477	1	SEAL-O-RING						
		1	6V-8934	1	REDUCER AS						
6	1	1	148-8448	1	FITTING AS						
		1	4J-5477	2	SEAL-O-RING						
		1	6V-9842	1	TEE-SWIVEL						
7	1	1	150-4047	1	ADAPTER AS						
		1	3J-7354	1	SEAL-O-RING						
		1	8T-2353	1	ADAPTER						
8	1	1	329-5458	1	TEE AS						
		1	8C-8431	1	TEE						
		1	214-7568	1	SEAL-O-RING						
9	1	1	330-9762	1	FITTING AS						
		1	085-7356	1	FITTING						
		1	214-7568	1	SEAL-O-RING						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
Y-SEPARATE ILLUSTRATION



VIEW OF AREA A

GRAPHIC #1

<END>

g02396718

HYDRAULIC SYSTEM

328-3980 LINES GP-PRESSURE TEST

S/N: T4R1-UP

PART OF 291-8791 HYDRAULIC AR

SMCS-5057

i04169627

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	6U-0455	6	STRAP	
	2	1, 2	6V-0852	14	CAP-DUST	
	3	2	7U-9542	1	PLATE-CLAMPING	
	4	2	121-0530	7	FITTING GP-HYDRAULIC (QUICK DISCONNECT)	
					(EACH INCLUDES)	
		2	6V-8397	1	SEAL-O-RING	
I	5	2	151-5721	1	HOSE AS	
I	6	2	153-9854	1	HOSE AS	
I	7	2	154-2817	1	HOSE AS	
I	8	2	235-7003	1	HOSE AS	
I	9	2	248-6103	1	HOSE AS	
	10	2	290-5562	1	MOUNT (DUAL SWIVEL)	
	11	2	290-8405	1	PLATE	
I	12	2	360-3216	1	HOSE AS	
	13	2	148-8336	3	CONNECTOR AS	
					(EACH INCLUDES)	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	6V-8636	1	CONNECTOR	
14		2	148-8367	1	ELBOW AS	
		2	6V-8397	1	SEAL-O-RING	
		2	6V-9850	1	ELBOW	
15		2	148-8378	1	ELBOW AS	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	6V-8724	1	ELBOW	
16		2	150-3065	1	ADAPTER AS	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-0484	1	ELBOW	
17		1, 2	164-5567	7	COUPLER AS-QUICK DISCONNECT (MALE)	
					(EACH INCLUDES)	
		1, 2	6V-3965	1	FITTING (QUICK DISCONNECT)	
		1, 2	214-7568	1	SEAL-O-RING	
18		2	164-9869	2	CONNECTOR AS	
					(EACH INCLUDES)	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	9X-2297	1	CONNECTOR	
19		2	263-6342	1	CLIP	
I	20	2	276-7073	1	HOSE AS	
	21	2	297-7977	4	ELBOW AS	
					(EACH INCLUDES)	
		2	8C-8988	1	ELBOW	
		2	228-7089	1	SEAL-O-RING	
22		1	321-8657	2	ELBOW AS	
					(EACH INCLUDES)	
		1	6V-8076	1	ELBOW	
		1	214-7568	1	SEAL-O-RING	
23		2	3J-1907	1	SEAL-O-RING	
24		2	6V-1867	1	CLIP (SLOT)	
25		2	6V-1868	1	CLIP (TAB)	
26		2	6V-1869	1	GROMMET	
27		2	6V-9168	7	NUT (11/16-16-THD)	
28		2	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)	
M	29	2	8T-4133	2	NUT (M10X1.5-THD)	
M	30	2	8T-4136	1	BOLT (M10X1.5X25-MM)	

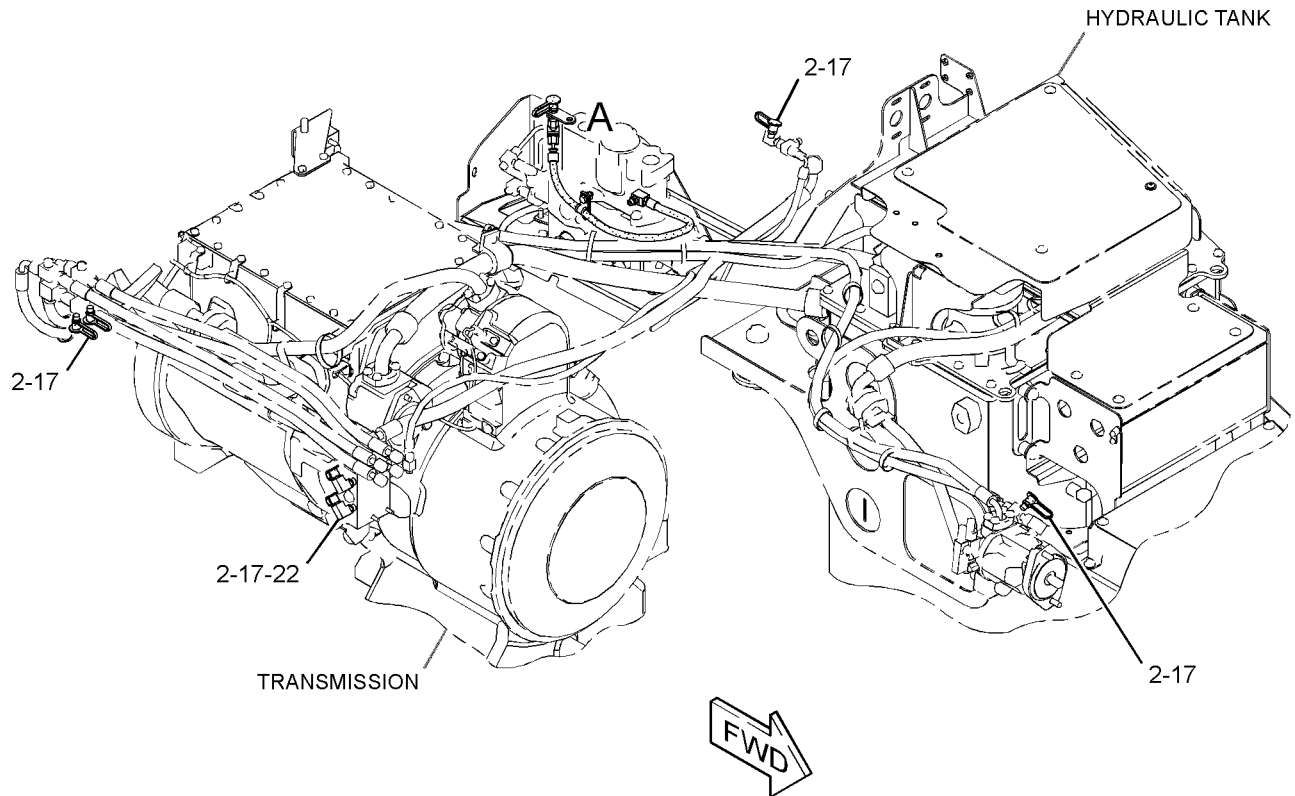
HYDRAULIC SYSTEM

328-3980 LINES GP-PRESSURE TEST (contd.)

i04169627

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	31	2	8T-4196	1	BOLT (M10X1.5X35-MM)						
I-REFER TO HYDRAULIC INFORMATION SYSTEM											
M-METRIC PART											

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



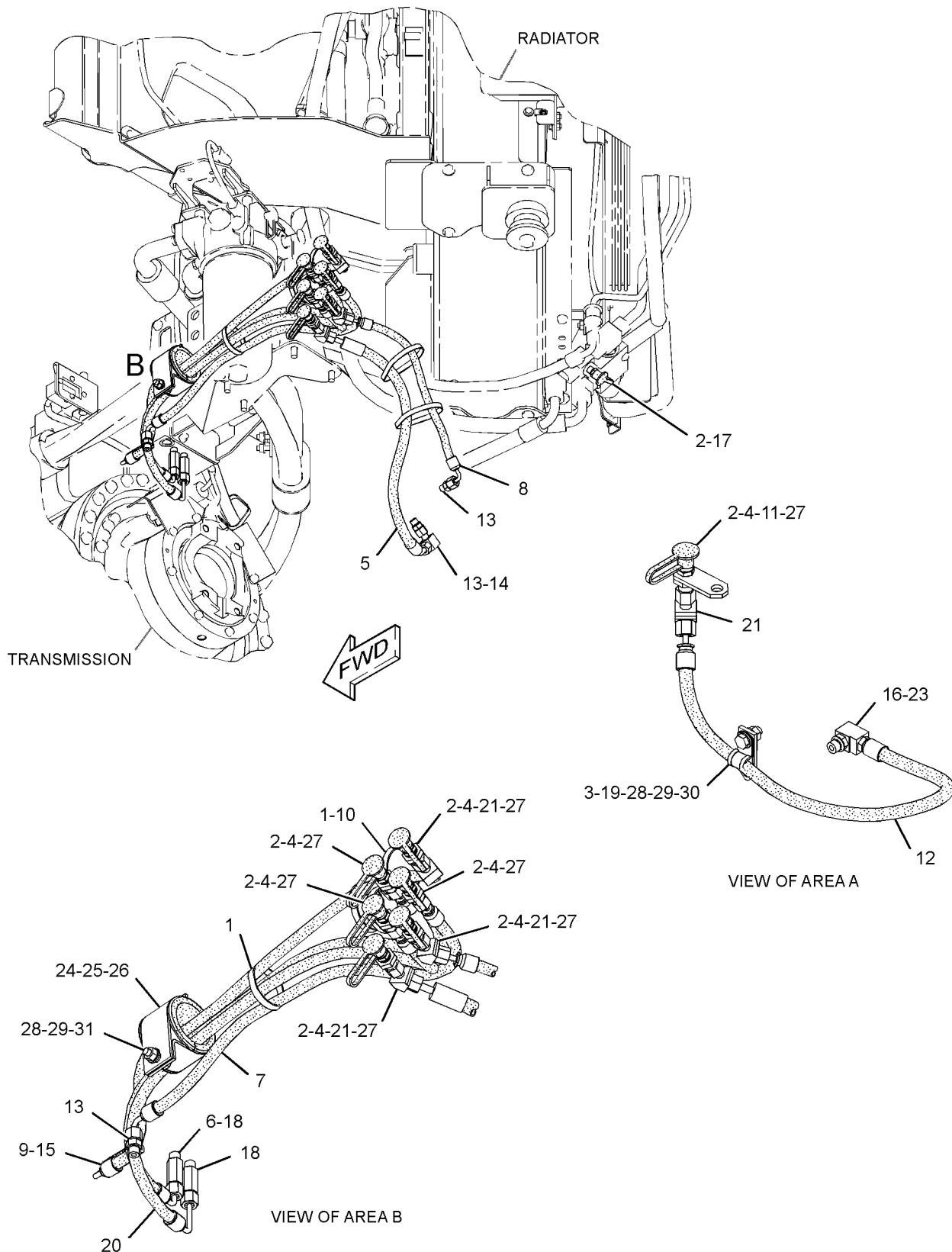
GRAPHIC #1

g02393057

HYDRAULIC SYSTEM

328-3980 LINES GP-PRESSURE TEST (contd.)

i04169627



GRAPHIC #2

<END>

g02393061

HYDRAULIC SYSTEM

291-8835 LINES GP-PUMP-BRAKE CONTROL

S/N: T4R1-UP

PART OF 291-8791 HYDRAULIC AR

SMCS-5057

i04285009

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	6U-0455	4	STRAP	
	3	1	6U-0456	5	STRAP	
	4	1	7T-9985	1	CLIP	
	5	1	164-5586	1	TEE AS	
		1	6V-8398	1	SEAL-O-RING	
		1	7X-0871	1	TEE	
	6	1	205-3096	1	CONNECTOR AS	
		1	3D-2824	1	SEAL-O-RING	
		1	6V-9746	1	SEAL-O-RING	
		1	8C-8498	1	CONNECTOR-HYDRAULIC	
I	7	1	267-2888	1	HOSE AS	
I	8	1	359-7497	1	HOSE AS	
I	9	1	303-1593	1	HOSE AS	
Y	10	1	337-8683	1	MANIFOLD GP-CONTROL (DIFFERENTIAL LOCK, HOIST)	649
	11	1	340-9706	1	BRACKET AS	
I	12	1	352-6031	1	HOSE AS	
I	13	1	353-3508	1	HOSE AS	
I	14	1	353-3509	1	HOSE AS	
	15	1	353-3511	1	TUBE AS	
	16	1	106-5125	1	CLIP (SLOT)	
	17	1	106-5126	1	CLIP (TAB)	
	18	1	148-8340	1	CONNECTOR AS	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-8398	1	SEAL-O-RING	
		1	6V-8639	1	CONNECTOR	
	19	1	148-8364	1	ELBOW AS	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-8398	1	SEAL-O-RING	
		1	6V-8625	1	ELBOW	
	20	1	148-8365	1	ELBOW AS	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8398	1	SEAL-O-RING	
		1	8T-6876	1	ELBOW	
	21	1	148-8381	1	ELBOW AS	
		1	3D-2824	1	SEAL-O-RING	
		1	6V-8398	1	SEAL-O-RING	
		1	8T-5429	1	ELBOW	
	22	1	148-8392	1	ELBOW AS	
		1	6V-9746	1	SEAL-O-RING	
		1	6V-9853	1	ELBOW	
	23	1	148-8411	1	PLUG AS	
		1	3K-0360	1	SEAL-O-RING	
		1	9S-4185	1	PLUG-O-RING	
	24	1	164-8908	1	CONNECTOR AS	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-8398	1	SEAL-O-RING	
		1	8T-0077	1	CONNECTOR	
	25	1	1P-3703	1	SEAL-RECTANGULAR	
	26	1	3U-2754	1	CLIP	
	27	1	4J-0520	2	SEAL-O-RING	
	28	1	4J-5267	1	SEAL-O-RING	
	29	1	4P-8134	1	CLIP	
	30	1	5P-7468	1	CLIP (SLOT)	
	31	1	5P-7469	1	CLIP (TAB)	

HYDRAULIC SYSTEM

291-8835 LINES GP-PUMP (contd.)

i04285009

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	32	1	5P-8444	1	GROMMET	
M	33	1	7X-2538	2	BOLT (M8X1.25X100-MM)	
	34	1	8C-3205	2	FLANGE-HALF	
	35	1	8C-3206	4	FLANGE-HALF	
	36	1	8T-1889	1	CLIP (SLOT)	
	37	1	8T-1890	1	CLIP (TAB)	
	38	1	8T-4121	21	WASHER-HARD (11X21X2.5-MM THK)	
M	39	1	8T-4133	1	NUT (M10X1.5-THD)	
M	40	1	8T-4136	2	BOLT (M10X1.5X25-MM)	
M	41	1	8T-4186	1	BOLT (M10X1.5X40-MM)	
M	42	1	8T-4192	4	BOLT (M12X1.75X25-MM)	
M	43	1	8T-4196	13	BOLT (M10X1.5X35-MM)	
	44	1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)	
	45	1	8T-4224	2	WASHER-HARD (8.8X16X2-MM THK)	
M	46	1	8T-6466	4	BOLT (M10X1.5X60-MM)	
	47	1	9X-7456	1	GROMMET	

I-REFER TO HYDRAULIC INFORMATION SYSTEM

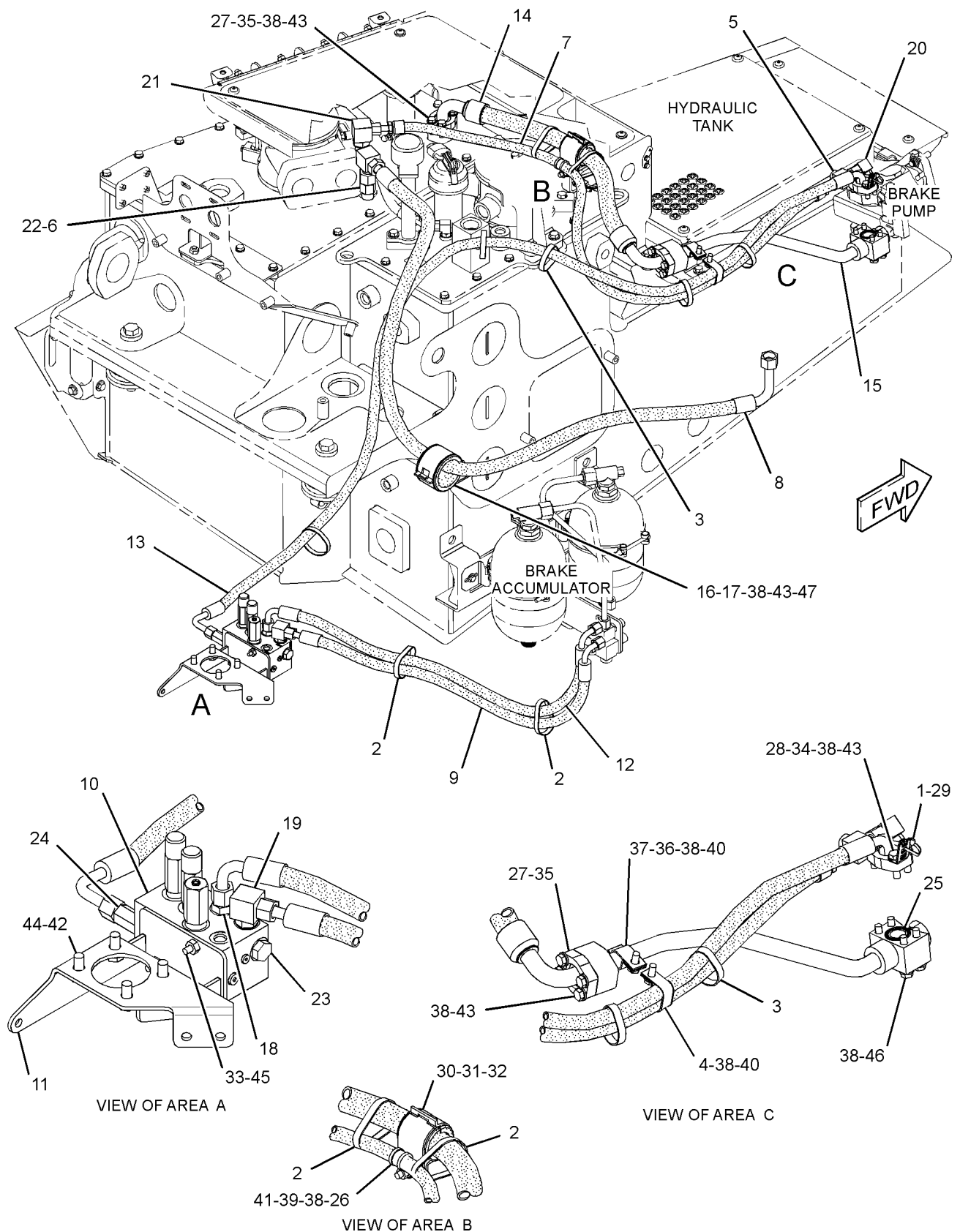
M-METRIC PART

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

291-8835 LINES GP-PUMP (contd.)

i04285009



GRAPHIC #1

<END>

g02395716

HYDRAULIC SYSTEM

291-8836 LINES GP-PUMP-HYDRAULIC FAN

S/N: T4R1-UP

PART OF 291-8791 HYDRAULIC AR

SMCS-5057

i04169602

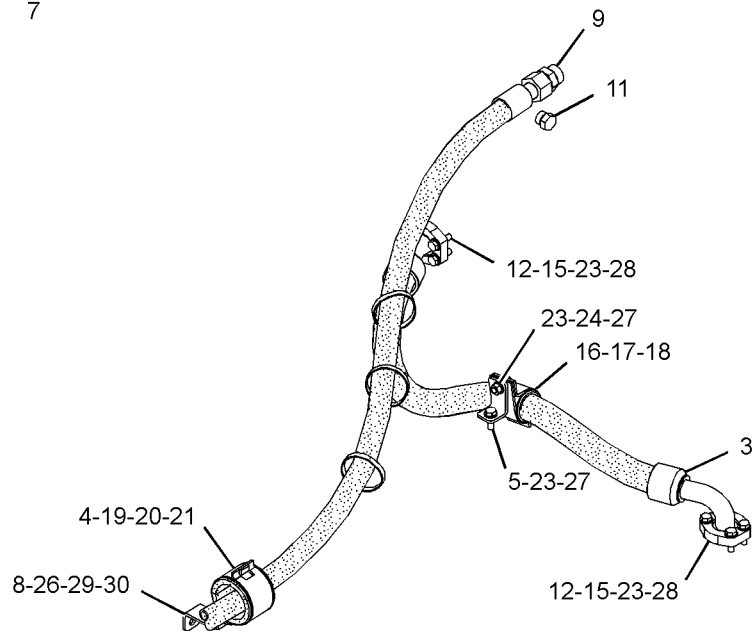
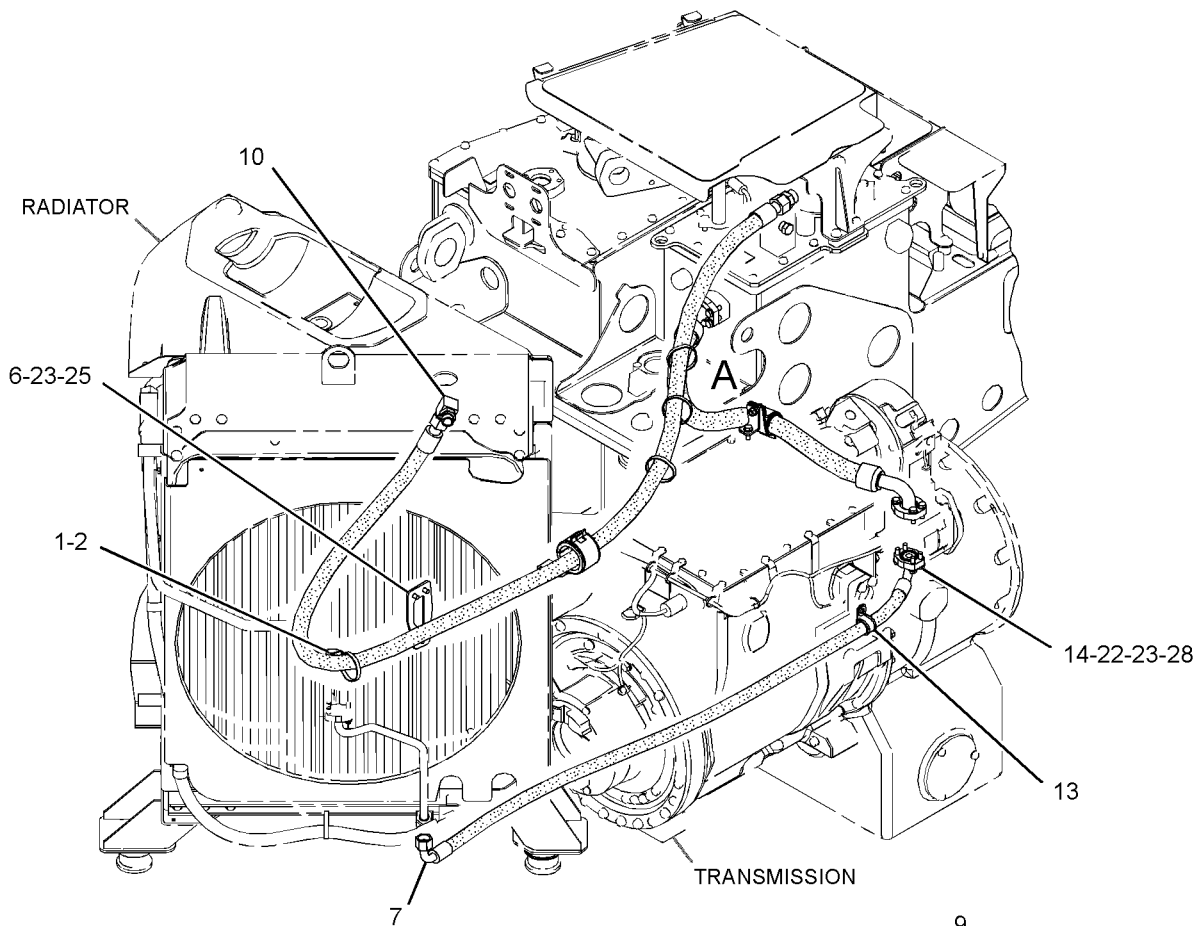
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6U-0456	5	STRAP						
	2	1	290-5562	1	MOUNT (DUAL SWIVEL)						
I	3	1	350-2936	1	HOSE AS						
I	4	1	350-2937	1	HOSE AS						
	5	1	352-8141	1	BRACKET						
	6	1	353-3583	1	BRACKET						
I	7	1	363-7822	1	HOSE AS						
	8	1	364-8071	1	BRACKET						
	9	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						
10		1	148-8362	1	ELBOW AS						
		1	3D-2824	1	SEAL-O-RING						
		1	5K-9090	1	SEAL-O-RING						
		1	8T-6684	1	ELBOW						
11		1	148-8410	1	PLUG AS						
		1	2M-9780	1	SEAL-O-RING						
		1	9S-4190	1	PLUG-O-RING						
12		1	1P-4578	4	FLANGE-HALF						
13		1	2U-2749	1	CLIP						
14		1	4J-0520	1	SEAL-O-RING						
15		1	4J-0522	2	SEAL-O-RING						
16		1	5P-7468	1	CLIP (SLOT)						
17		1	5P-7469	1	CLIP (TAB)						
18		1	6V-0545	1	GROMMET						
19		1	6V-1867	1	CLIP (SLOT)						
20		1	6V-1868	1	CLIP (TAB)						
21		1	6V-1869	1	GROMMET						
22		1	8C-3206	2	FLANGE-HALF						
23		1	8T-4121	17	WASHER-HARD (11X21X2.5-MM THK)						
M	24	1	8T-4133	1	NUT (M10X1.5-THD)						
M	25	1	8T-4137	2	BOLT (M10X1.5X20-MM)						
M	26	1	8T-4183	1	BOLT (M12X1.75X40-MM)						
M	27	1	8T-4195	2	BOLT (M10X1.5X30-MM)						
M	28	1	8T-4196	12	BOLT (M10X1.5X35-MM)						
	29	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						
M	30	1	8T-4244	1	NUT (M12X1.75-THD)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART

HYDRAULIC SYSTEM

291-8836 LINES GP-PUMP (contd.)

i04169602



VIEW OF AREA A

GRAPHIC #1

<END>

g02382137

HYDRAULIC SYSTEM

291-8837 LINES GP-PUMP-ATAAC FAN

S/N: T4R1-UP

PART OF 291-8791 HYDRAULIC AR

SMCS-5057

i04169603

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	6U-0455	2	STRAP	
	2	1	6U-2703	1	BRACKET-ANGLE	
	3	1	6V-0852	2	CAP-DUST	
	4	1	150-4027	1	TEE AS	
		1	3E-2310	1	TEE	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
I	5	1	206-0410	1	HOSE AS	
I	6	1	217-2414	1	HOSE AS	
	7	1	290-5562	1	MOUNT (DUAL SWIVEL)	
	8	1	344-1589	1	TUBE AS	
	9	1	344-1590	1	TUBE AS	
I	10	1	344-1591	1	HOSE AS	
Y	11	1	347-0556	1	VALVE GP-CONTROL (HYDRAULIC FAN)	676
I	12	1	353-3510	1	HOSE AS	
	13	1	361-4838	1	TUBE AS	
	14	1	148-8315	2	CONNECTOR AS (EACH INCLUDES)	
		1	2M-9780	1	SEAL-O-RING	
		1	6V-8642	1	CONNECTOR	
		1	7J-9108	1	SEAL-O-RING	
15		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	
16		1	148-8362	1	ELBOW AS	
		1	3D-2824	1	SEAL-O-RING	
		1	5K-9090	1	SEAL-O-RING	
		1	8T-6684	1	ELBOW	
17		1	148-8390	1	ELBOW AS	
		1	2M-9780	1	SEAL-O-RING	
		1	6V-8626	1	ELBOW	
		1	7J-9108	1	SEAL-O-RING	
18		1	148-8446	1	TEE AS-SWIVEL	
		1	6V-9838	1	TEE-SWIVEL	
		1	7J-9108	2	SEAL-O-RING	
19		1	155-3504	1	ELBOW AS	
		1	2M-9780	1	SEAL-O-RING	
		1	6V-9003	1	ELBOW	
		1	7J-9108	1	SEAL-O-RING	
20		1	164-5567	2	COUPLER AS-QUICK DISCONNECT (MALE) (EACH INCLUDES)	
		1	6V-3965	1	FITTING (QUICK DISCONNECT)	
		1	214-7568	1	SEAL-O-RING	
21		1	164-6872	1	TEE AS	
		1	2M-9780	1	SEAL-O-RING	
		1	6V-8398	2	SEAL-O-RING	
		1	115-8634	1	TEE-O-RING	
22		1	296-5725	1	TEE AS	
		1	3K-0360	1	SEAL-O-RING	
		1	7J-9108	2	SEAL-O-RING	
		1	109-5811	1	TEE-O-RING PORT	
23		1	329-5532	1	TEE AS	
		1	7X-0872	1	TEE-SWIVEL	
		1	228-7091	1	SEAL-O-RING	
24		1	4J-0520	1	SEAL-O-RING	

HYDRAULIC SYSTEM

291-8837 LINES GP-PUMP (contd.)

i04169603

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	25	1	5P-7468	1	CLIP (SLOT)						
	26	1	5P-7469	1	CLIP (TAB)						
	27	1	6U-0456	3	STRAP						
	28	1	6V-0545	1	GROMMET						
	29	1	8C-3206	2	FLANGE-HALF						
	30	1	8T-1887	1	CLIP (SLOT)						
	31	1	8T-1888	1	CLIP (TAB)						
	32	1	8T-4121	7	WASHER-HARD (11X21X2.5-MM THK)						
M	33	1	8T-4133	1	NUT (M10X1.5-THD)						
M	34	1	8T-4185	1	BOLT (M10X1.5X50-MM)						
M	35	1	8T-4196	5	BOLT (M10X1.5X35-MM)						
	36	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						
M	37	1	8T-4244	1	NUT (M12X1.75-THD)						
M	38	1	8T-4910	1	BOLT (M12X1.75X60-MM)						
	39	1	8W-8909	1	SLEEVE						
M	40	1	9X-2480	2	BOLT (M6X1X45-MM)						
	41	1	9X-8256	2	WASHER (6.6X12X2-MM THK)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM

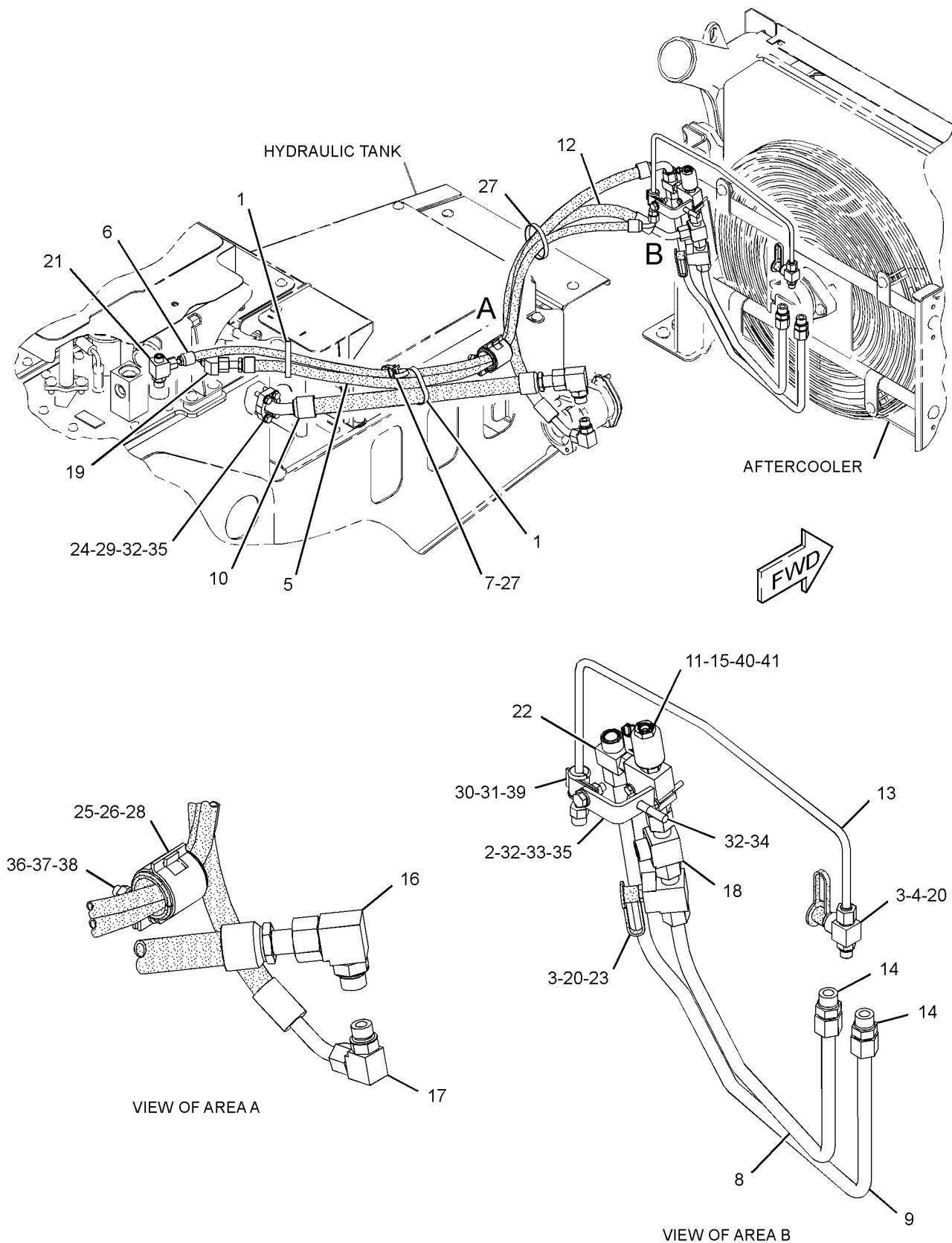
M-METRIC PART

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

291-8837 LINES GP-PUMP (contd.)

i04169603



GRAPHIC #1

<END>

g02382941

HYDRAULIC SYSTEM

291-8842 LINES GP-PUMP-STEERING

S/N: T4R1-UP

PART OF 291-8791 HYDRAULIC AR

SMCS-5057

i04169604

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	6U-0456	6	STRAP	
	2	1	6V-0852	1	CAP-DUST	
	3	1	132-2453	1	UNION	
Y	4	1	176-5691	1	VALVE GP-CHECK (STEERING)	599
	5	1	180-4850	1	VALVE GP-CHECK (FLOW CONTROL)	
		1	5K-9090	1	SEAL-O-RING	
		1	7M-8485	1	SEAL-O-RING	
I	6	1	194-3460	1	HOSE AS	
I	7	1	241-4775	1	HOSE AS	
I	8	1	311-2574	1	HOSE AS	
I	9	1	315-9141	1	HOSE AS	
I	10	1	351-9253	1	HOSE AS	
	11	1	351-9254	1	TUBE AS	
	12	1	358-3050	1	BRACKET AS	
M		1	8T-3597	2	NUT-WELD (M12X1.75-THD)	
I	13	1	365-1076	1	HOSE AS	
	14	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	
	15	1	148-8352	1	ELBOW AS	
		1	5K-9090	1	SEAL-O-RING	
		1	6V-9854	1	ELBOW	
	16	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	
	17	1	148-8362	1	ELBOW AS	
		1	3D-2824	1	SEAL-O-RING	
		1	5K-9090	1	SEAL-O-RING	
		1	8T-6684	1	ELBOW	
	18	1	148-8377	1	ELBOW AS	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-8980	1	ELBOW	
	19	1	148-8411	1	PLUG AS	
		1	3K-0360	1	SEAL-O-RING	
		1	9S-4185	1	PLUG-O-RING	
	20	1	150-3028	1	ELBOW AS	
		1	3D-2824	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-9343	1	ELBOW	
	21	1	164-5567	1	COUPLER AS-QUICK DISCONNECT (MALE)	
		1	6V-3965	1	FITTING (QUICK DISCONNECT)	
		1	214-7568	1	SEAL-O-RING	
	22	1	193-2120	1	GROMMET	
	23	1	1P-4578	2	FLANGE-HALF	
	24	1	1P-4584	6	FLANGE-HALF	
	25	1	330-9766	1	ELBOW AS	
		1	8T-7970	1	ELBOW	
		1	228-7093	1	SEAL-O-RING	
		1	238-5082	1	SEAL-O-RING	
	26	1	4J-0522	1	SEAL-O-RING	
	27	1	6J-2680	3	SEAL-O-RING	
	28	1	6V-1867	1	CLIP (SLOT)	
	29	1	6V-1868	1	CLIP (TAB)	
	30	1	6V-9168	1	NUT (11/16-16-THD)	

HYDRAULIC SYSTEM

291-8842 LINES GP-PUMP (contd.)

i04169604

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	31	1	8T-4121	7	WASHER-HARD (11X21X2.5-MM THK)						
M	32	1	8T-4177	4	BOLT (M8X1.25X90-MM)						
M	33	1	8T-4183	4	BOLT (M12X1.75X40-MM)						
M	34	1	8T-4184	8	BOLT (M12X1.75X45-MM)						
M	35	1	8T-4196	7	BOLT (M10X1.5X35-MM)						
	36	1	8T-4223	13	WASHER-HARD (13.5X25.5X3-MM THK)						
	37	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)						
M	38	1	8T-4956	1	BOLT (M12X1.75X35-MM)						
	39	1	9X-8257	2	WASHER (17.5X30X3.5-MM THK)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM

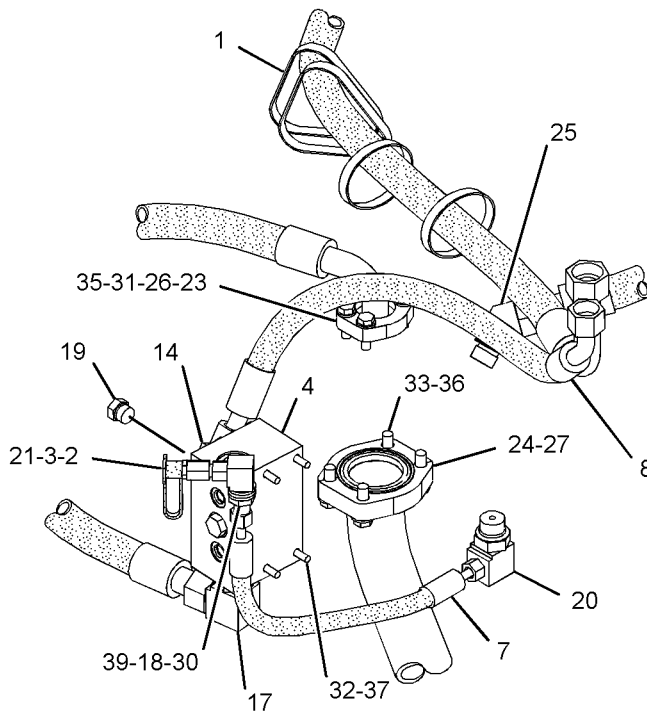
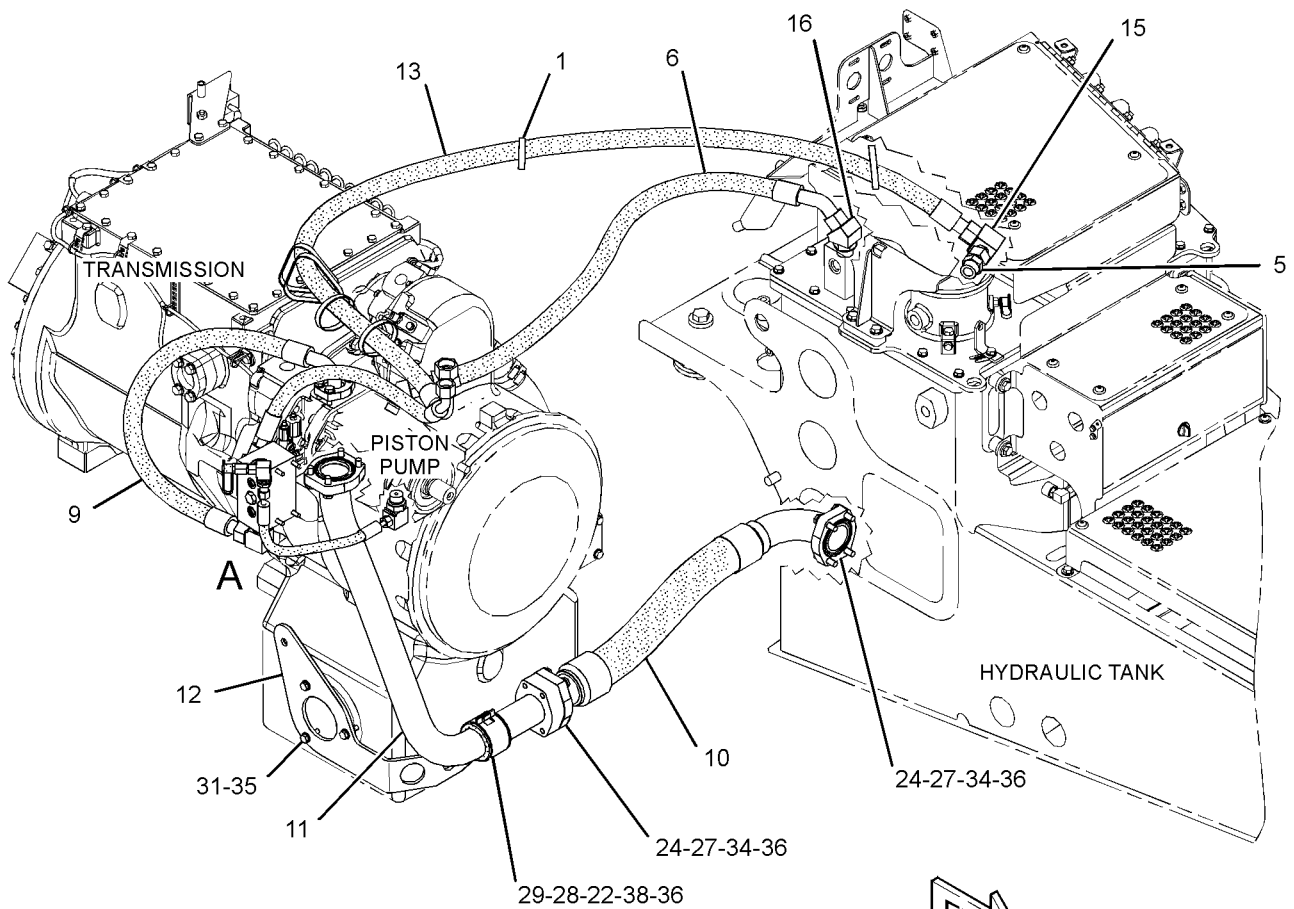
M-METRIC PART

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

291-8842 LINES GP-PUMP (contd.)

i04169604



VIEW OF AREA A

GRAPHIC #1

<END>

g02381976

HYDRAULIC SYSTEM

291-8844 LINES GP-PUMP-SECONDARY STEERING

S/N: T4R1-UP

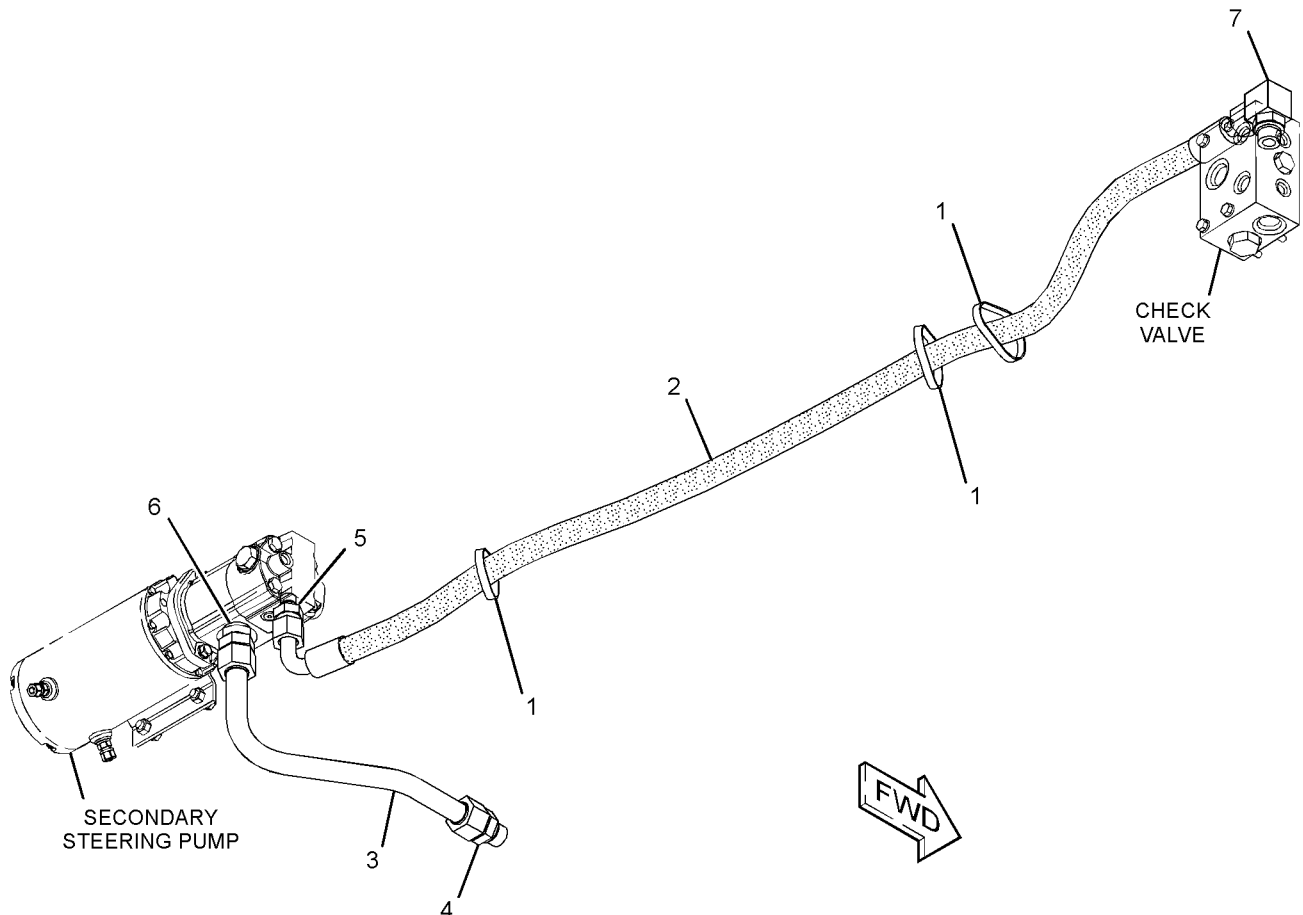
PART OF 291-8791 HYDRAULIC AR

SMCS-5057

i04169607

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6U-0456	3	STRAP						
I	2	1	188-9874	1	HOSE AS						
	3	1	359-5879	1	TUBE AS						
	4	1	148-8317	1	CONNECTOR AS						
		1	3D-2824	1	SEAL-O-RING						
		1	5K-9090	1	SEAL-O-RING						
		1	6V-8714	1	CONNECTOR						
5	1	1	148-8324	1	CONNECTOR AS						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-9746	1	SEAL-O-RING						
		1	6V-9874	1	CONNECTOR						
6	1	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						
7	1	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						

I-REFER TO HYDRAULIC INFORMATION SYSTEM



GRAPHIC #1

<END>

g02382776

HYDRAULIC SYSTEM

335-5182 LINES GP-PUMP-HOIST

S/N: T4R1-UP

PART OF 291-8791 HYDRAULIC AR

SMCS-5057

i04169634

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	193-7279	1	HOSE AS						
I	2	1	335-5183	1	HOSE AS						
	3	1	352-4589	3	SPACER (13.5X25X38-MM THK)						
	4	1	117-1266	2	SEAL-O-RING						
	5	1	157-6199	1	GROMMET						
	6	1	1P-4579	4	FLANGE-HALF						
	7	1	1P-4585	4	FLANGE-HALF						
	8	1	4J-0524	2	SEAL-O-RING						
	9	1	5P-7468	1	CLIP (SLOT)						
	10	1	5P-7469	1	CLIP (TAB)						
	11	1	5P-8444	1	GROMMET						
	12	1	6V-6782	1	CLIP (SLOT)						
	13	1	6V-6783	1	CLIP (TAB)						
M	14	1	8T-4184	6	BOLT (M12X1.75X45-MM)						
M	15	1	8T-4193	8	BOLT (M16X2X50-MM)						
	16	1	8T-4223	9	WASHER-HARD (13.5X25.5X3-MM THK)						
M	17	1	8T-6868	3	BOLT (M12X1.75X80-MM)						
	18	1	9X-8257	8	WASHER (17.5X30X3.5-MM THK)						

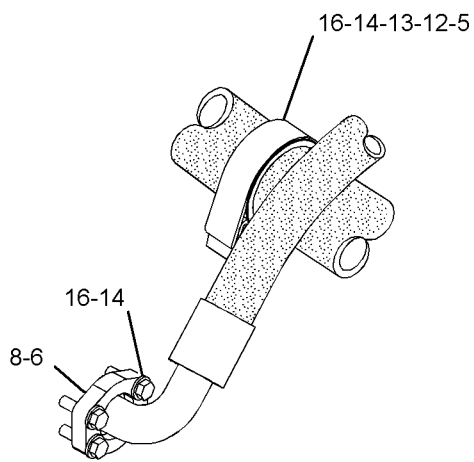
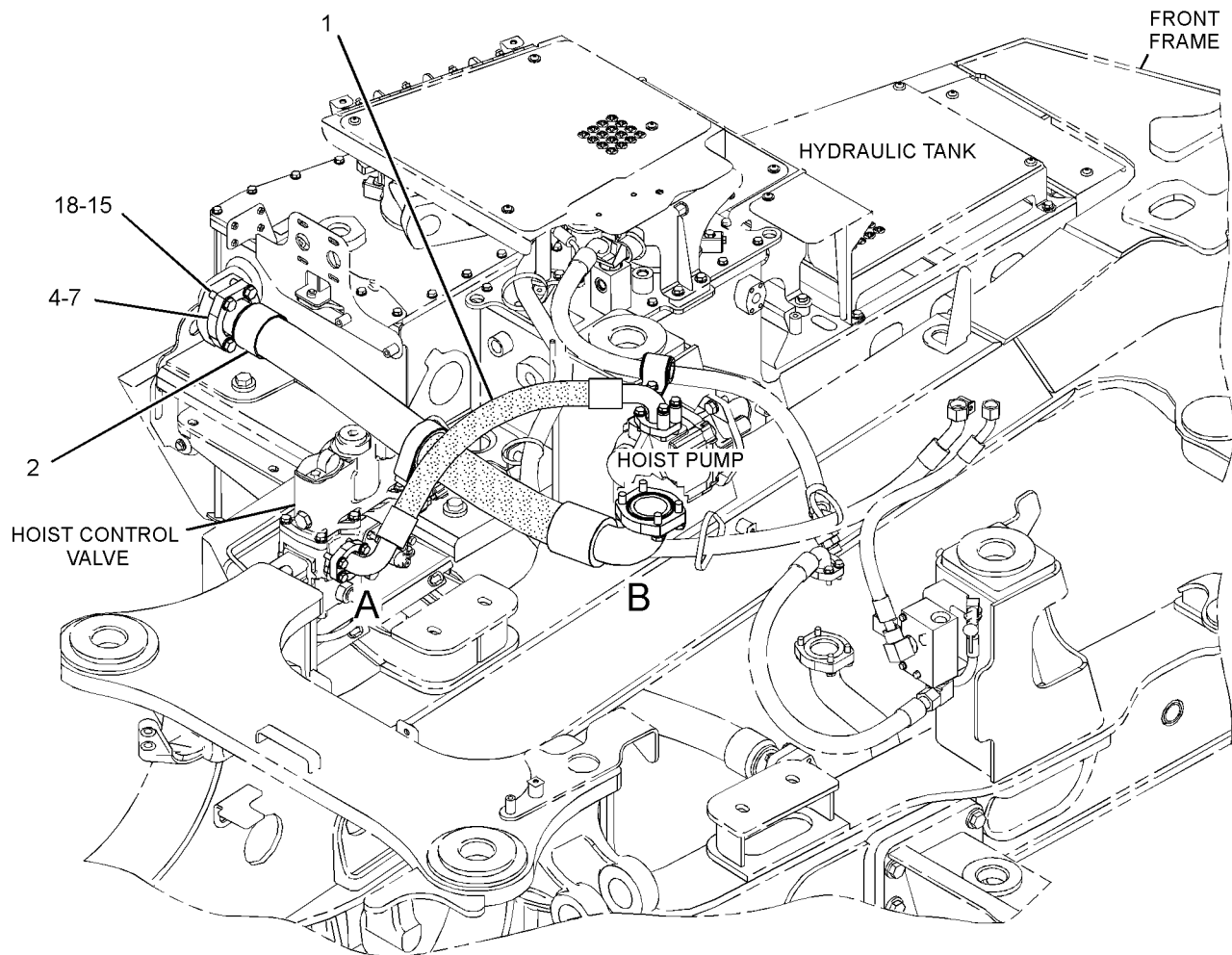
I-REFER TO HYDRAULIC INFORMATION SYSTEM

M-METRIC PART

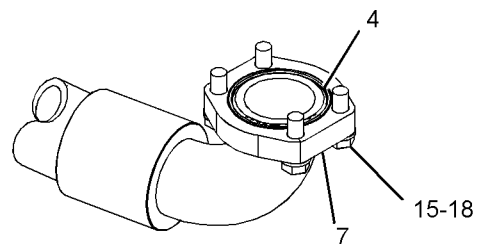
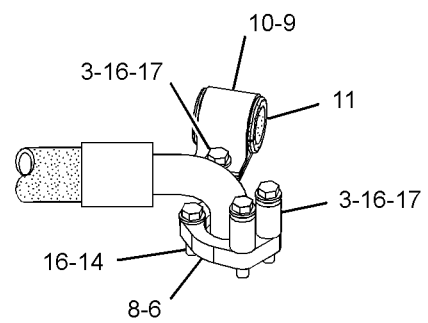
HYDRAULIC SYSTEM

335-5182 LINES GP-PUMP (contd.)

i04169634



VIEW OF AREA A



VIEW OF AREA B

GRAPHIC #1

<END>

g02392722

HYDRAULIC SYSTEM

354-0719 LINES GP-PUMP-HOIST

S/N: T4R1-UP

PART OF 291-9019 SUPPRESSION AR-SOUND
AN ATTACHMENT

SMCS-5057

i04177052

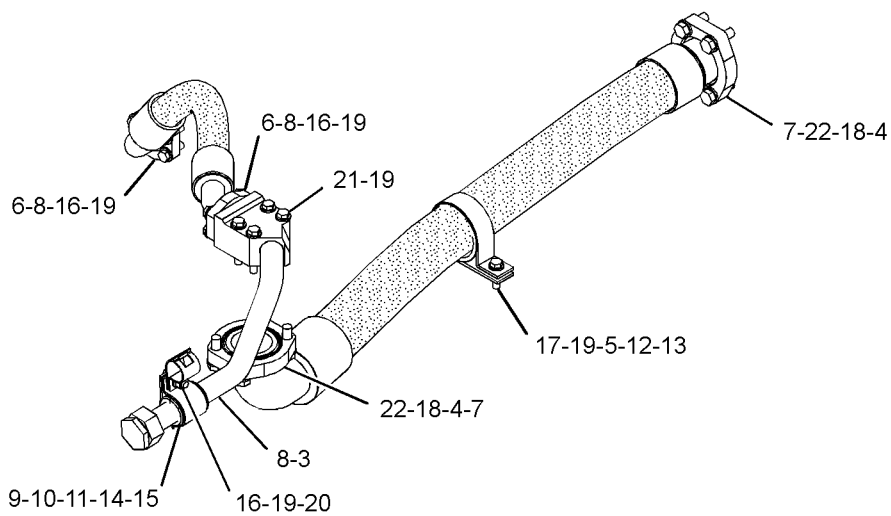
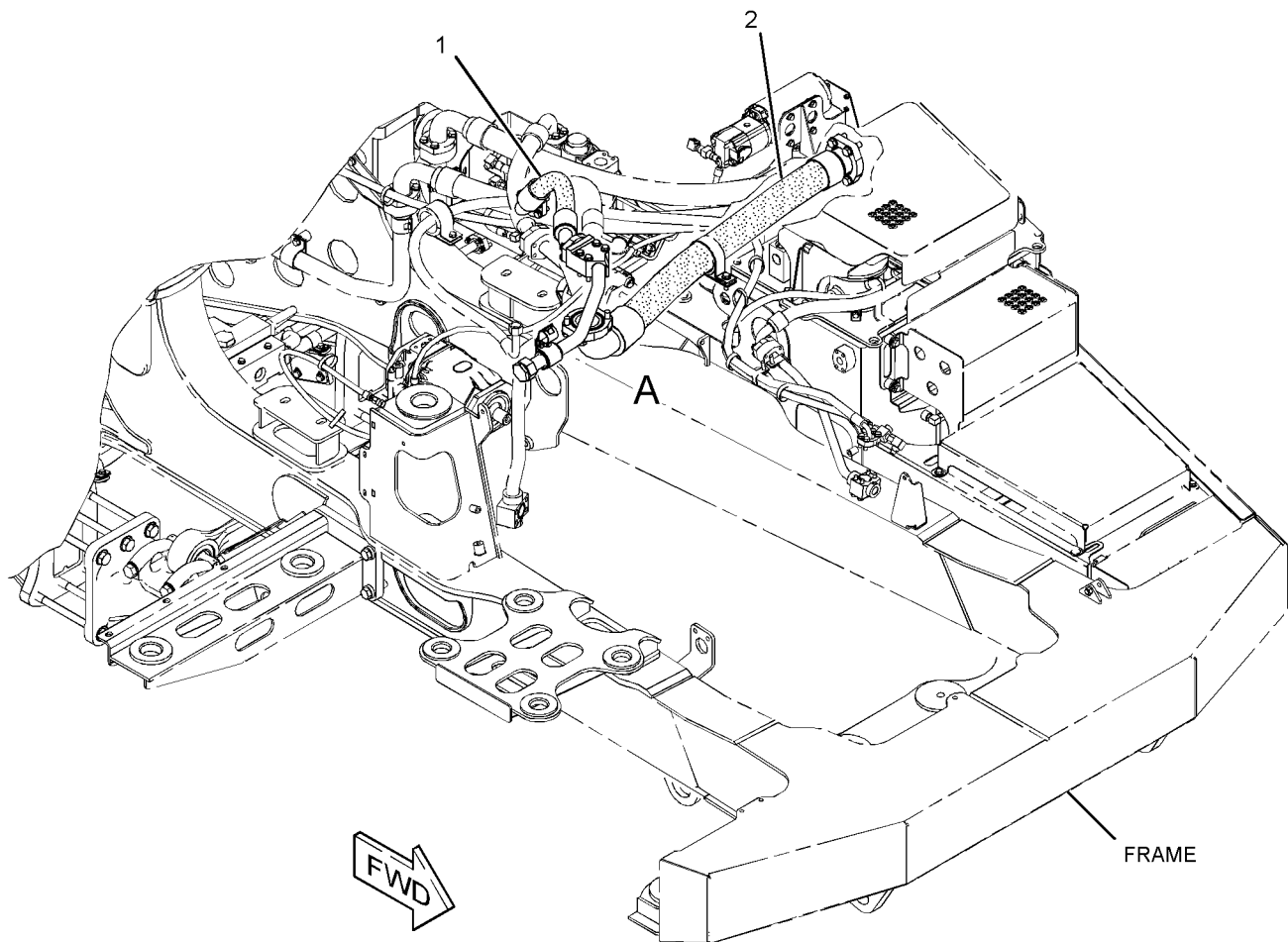
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	275-5581	1	HOSE	AS					
I	2	1	335-5183	1	HOSE	AS					
	3	1	354-4034	1	TUBE	AS					
	4	1	117-1266	2	SEAL-O-RING						
	5	1	157-6199	1	GROMMET						
	6	1	1P-4579	4	FLANGE-HALF						
	7	1	1P-4585	4	FLANGE-HALF						
	8	1	4J-0524	3	SEAL-O-RING						
	9	1	5P-7468	1	CLIP (SLOT)						
	10	1	5P-7469	1	CLIP (TAB)						
	11	1	5P-8444	1	GROMMET						
	12	1	6V-6782	1	CLIP (SLOT)						
	13	1	6V-6783	1	CLIP (TAB)						
	14	1	7S-8920	1	CLIP (SLOT)						
	15	1	7S-8921	1	CLIP (TAB)						
M	16	1	8T-4183	9	BOLT (M12X1.75X40-MM)						
M	17	1	8T-4184	1	BOLT (M12X1.75X45-MM)						
M	18	1	8T-4193	8	BOLT (M16X2X50-MM)						
	19	1	8T-4223	15	WASHER-HARD (13.5X25.5X3-MM THK)						
M	20	1	8T-4244	1	NUT (M12X1.75-THD)						
M	21	1	8T-6868	4	BOLT (M12X1.75X80-MM)						
	22	1	9X-8257	8	WASHER (17.5X30X3.5-MM THK)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART

HYDRAULIC SYSTEM

354-0719 LINES GP-PUMP (contd.)

i04177052



VIEW OF AREA A

GRAPHIC #1

<END>

g02374976

HYDRAULIC SYSTEM

291-8831 LINES GP-RETURN-HOIST PILOT

S/N: T4R1-UP

PART OF 291-8791 HYDRAULIC AR

SMCS-5057

i04169599

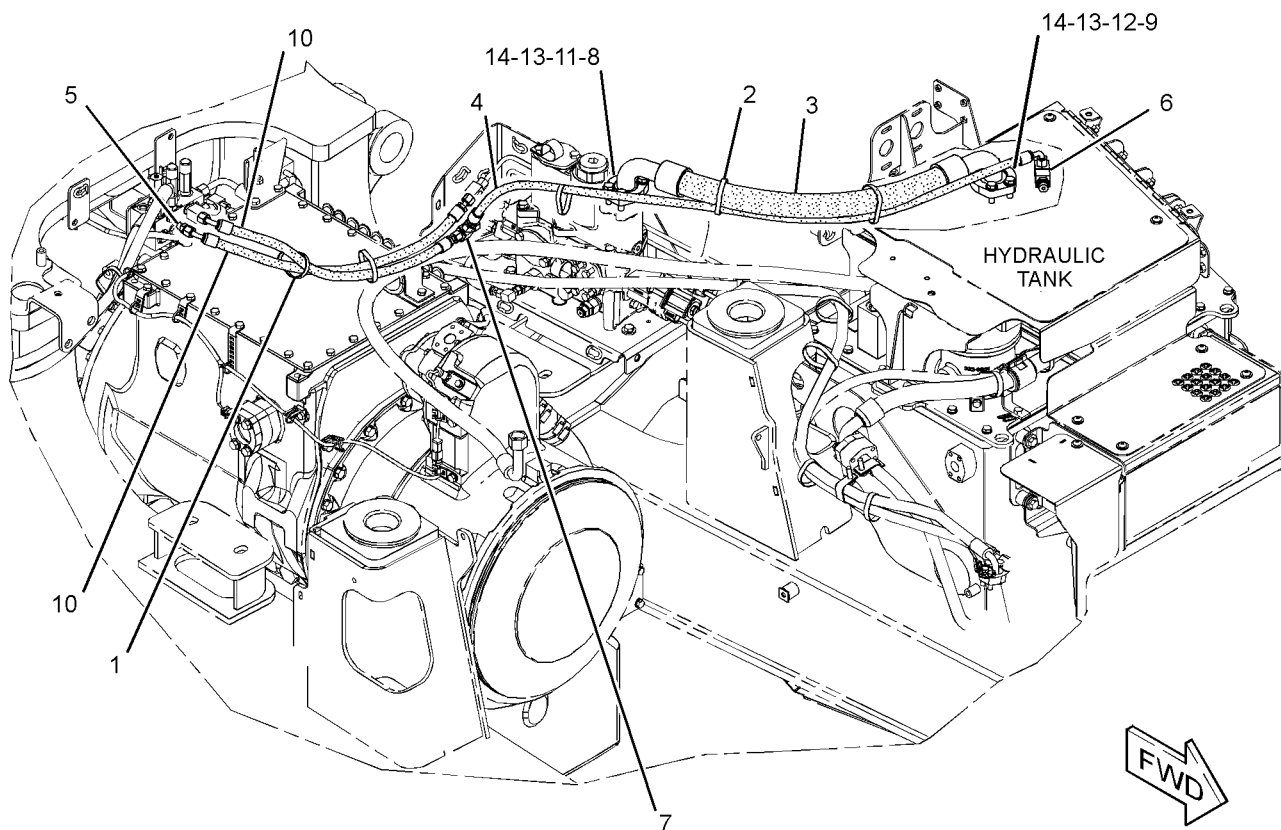
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6U-0455	2	STRAP						
	2	1	6U-0456	3	STRAP						
I	3	1	337-9303	1	HOSE AS						
I	4	1	108-9651	1	HOSE AS						
	5	1	148-8336	1	CONNECTOR AS						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8636	1	CONNECTOR						
6		1	148-8383	1	ELBOW AS						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	8T-1683	1	ELBOW						
7		1	148-8433	1	TEE AS						
		1	6V-8397	2	SEAL-O-RING						
		1	6V-9836	1	TEE-SWIVEL						
8		1	1P-4579	2	FLANGE-HALF						
	9	1	1P-4582	2	FLANGE-HALF						
I	10	1	235-6018	2	HOSE AS						
	11	1	4J-0524	1	SEAL-O-RING						
	12	1	4J-0527	1	SEAL-O-RING						
M	13	1	8T-4183	8	BOLT (M12X1.75X40-MM)						
	14	1	8T-4223	8	WASHER-HARD (13.5X25.5X3-MM THK)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART

HYDRAULIC SYSTEM

291-8831 LINES GP-RETURN (contd.)

i04169599



GRAPHIC #1

<END>

g02371917

HYDRAULIC SYSTEM

337-8683 MANIFOLD GP-CONTROL-BRAKE

S/N: T4R1-UP

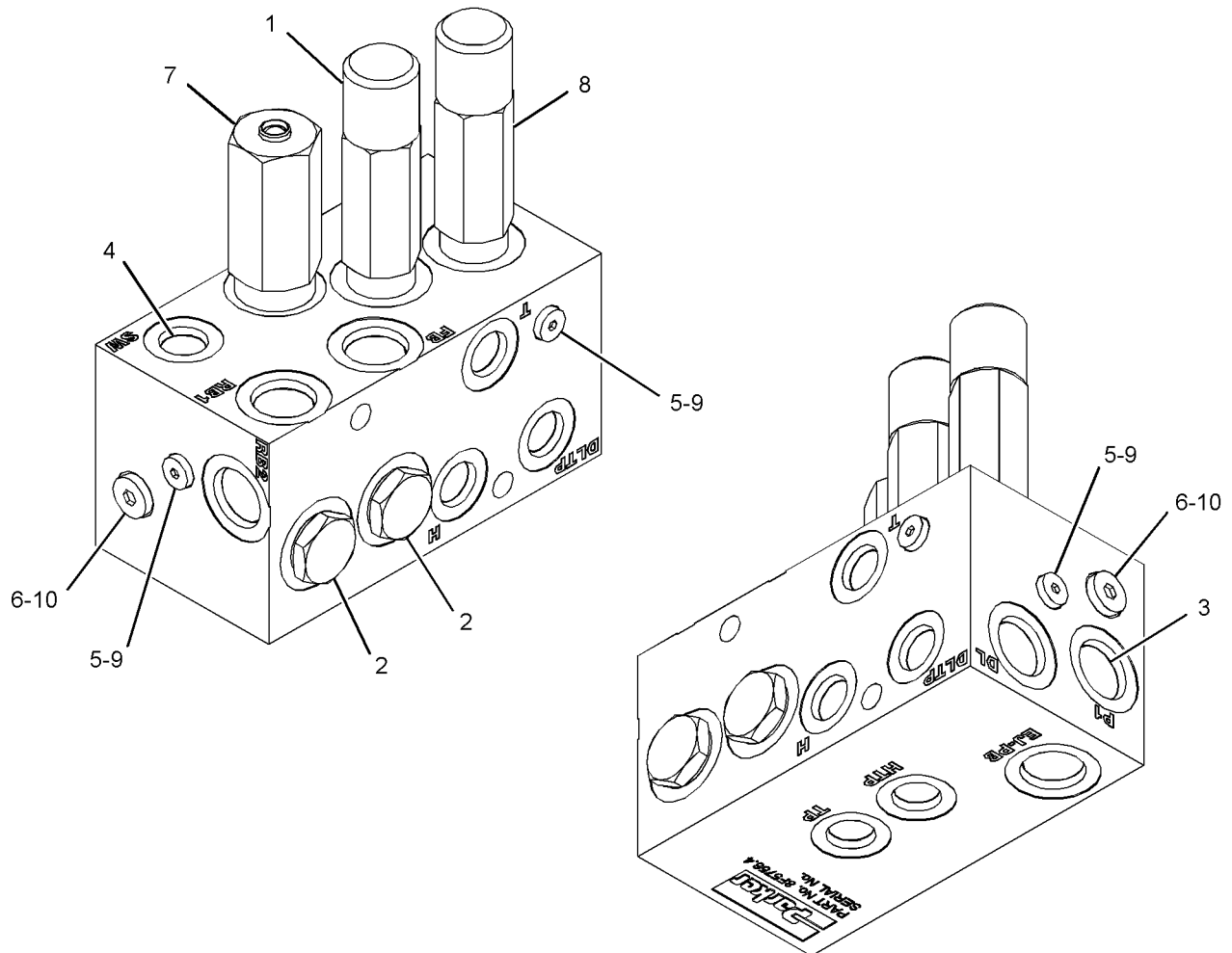
PART OF 291-8835 LINES GP-PUMP

SMCS-5051, 5264

i04258969

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	239-0615	1	VALVE GP-PRESSURE REDUCING (HOIST)	678
	2	1	252-6485	2	VALVE GP-CHECK (BRAKE CHARGING)	
					(EACH INCLUDES)	
		1	3K-0360	1	SEAL-O-RING	
		1	6E-0381	1	RING-BACKUP	
		1	161-6154	1	SEAL-O-RING	
	3	1	6E-5066	1	SCREEN (CONTROL MANIFOLD)	
	4	1	196-4767	1	PLUG-ORIFICE	
	5	1	9S-8001	3	PLUG-O-RING	
	6	1	9S-8002	2	PLUG-O-RING	
Y	7	1	251-8330	1	VALVE GP-RELIEF (BRAKE ACCUMULATOR)	682
Y	8	1	357-6734	1	VALVE GP-PRESSURE REDUCING (DIFFERENTIAL LOCK)	679
	9	1	4J-7533	3	SEAL-O-RING	
	10	1	3J-7354	2	SEAL-O-RING	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02396564

HYDRAULIC SYSTEM

316-3240 MOTOR & MTG GP-PISTON-HYDRAULIC FAN

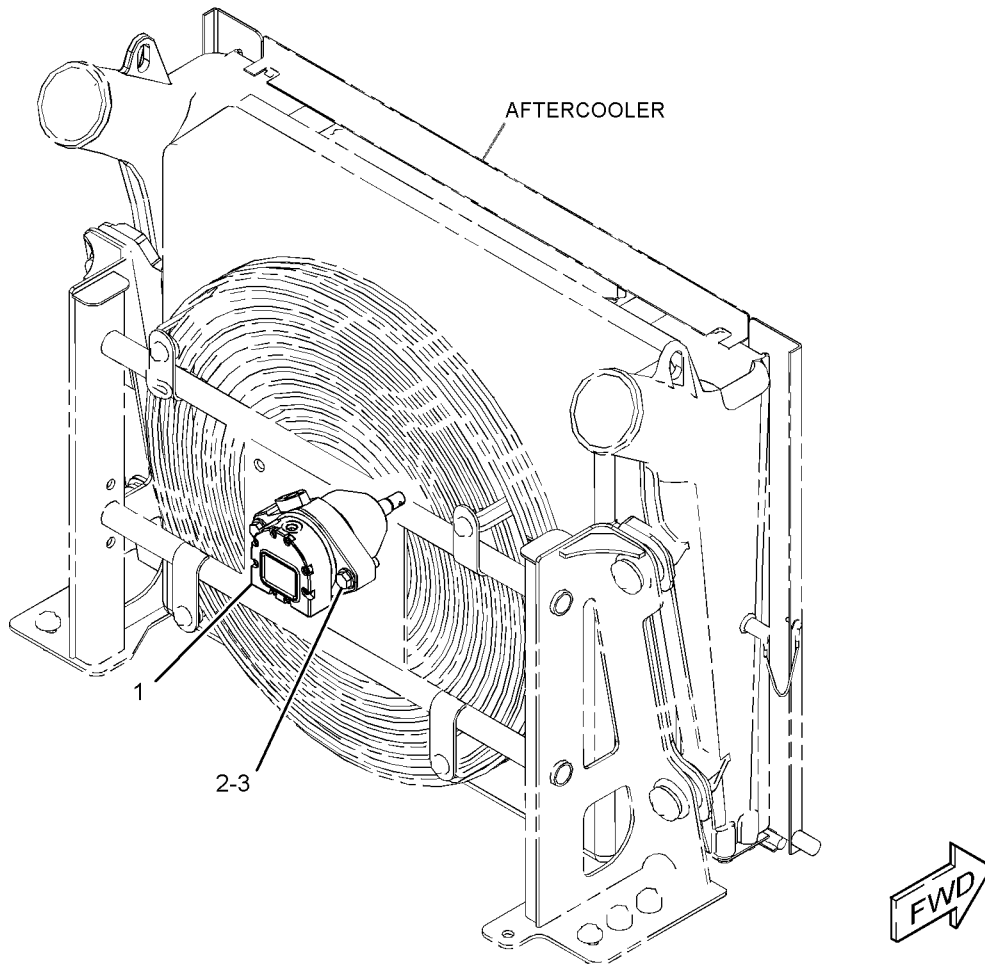
S/N: T4R1-UP

PART OF 291-8896 AFTERCOOLER GP-AIR

SMCS-1386, 5058

i04177172

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	347-3862	1	MOTOR GP-PISTON (HYDRAULIC FAN)						
M	2	1	8T-4194	2	BOLT (M12X1.75X50-MM)						
	3	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						
M-METRIC PART											



GRAPHIC #1

<END>

g02384838

HYDRAULIC SYSTEM

328-3998 PIN GP-CYLINDER-HOIST

S/N: T4R1-UP

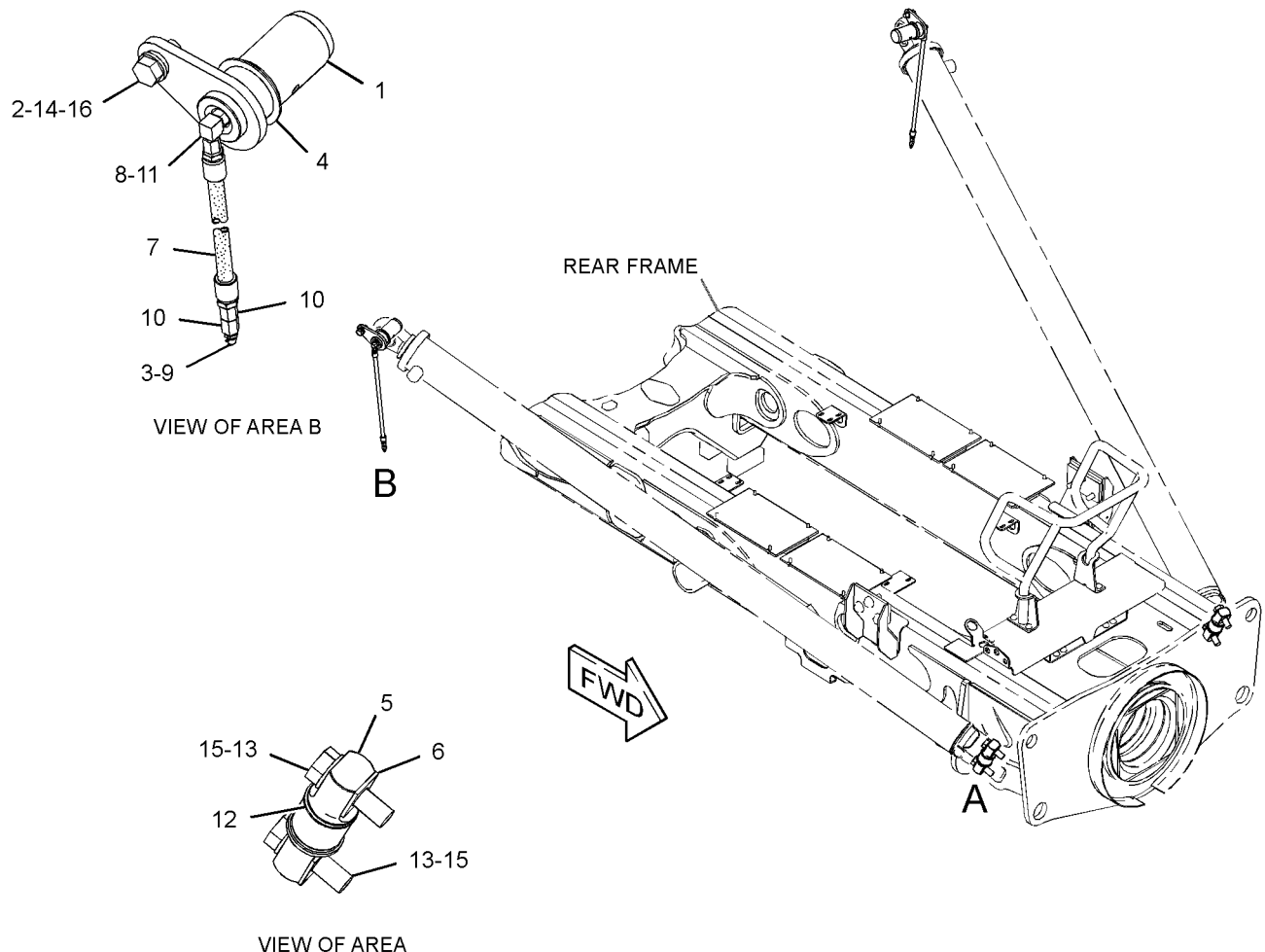
PART OF 330-9006 CHASSIS AR

SMCS-6068

i04171470

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2U-9202	2	PIN AS-TIP CYLINDER						
	2	1	2U-9204	2	SPACER (17X25.4X11.5-MM THK)						
	3	1	5U-7151	2	CAP-GREASE						
	4	1	138-0637	2	SPACER (57.5X72X7-MM THK)						
	5	1	150-6553	2	PIN						
	6	1	164-8408	4	PLATE-SPACER						
I	7	1	191-5966	2	HOSE AS						
	8	1	2N-1287	2	ELBOW-FLARED						
	9	1	3B-8489	2	FITTING-GREASE						
	10	1	5D-9231	2	CONNECTOR						
	11	1	6K-6967	2	ADAPTER-PIPE						
	12	1	8J-8322	2	RING-RETAINING						
	13	1	8T-4167	4	WASHER-HARD (26X44X4-MM THK)						
M	14	1	8T-4779	2	BOLT (M16X2X35-MM)						
M	15	1	8T-5878	4	BOLT (M24X3X80-MM)						
	16	1	9X-8257	2	WASHER (17.5X30X3.5-MM THK)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART



GRAPHIC #1

<END>

g02387236

HYDRAULIC SYSTEM

328-4001 PIN GP-CYLINDER-STEERING

S/N: T4R1-UP

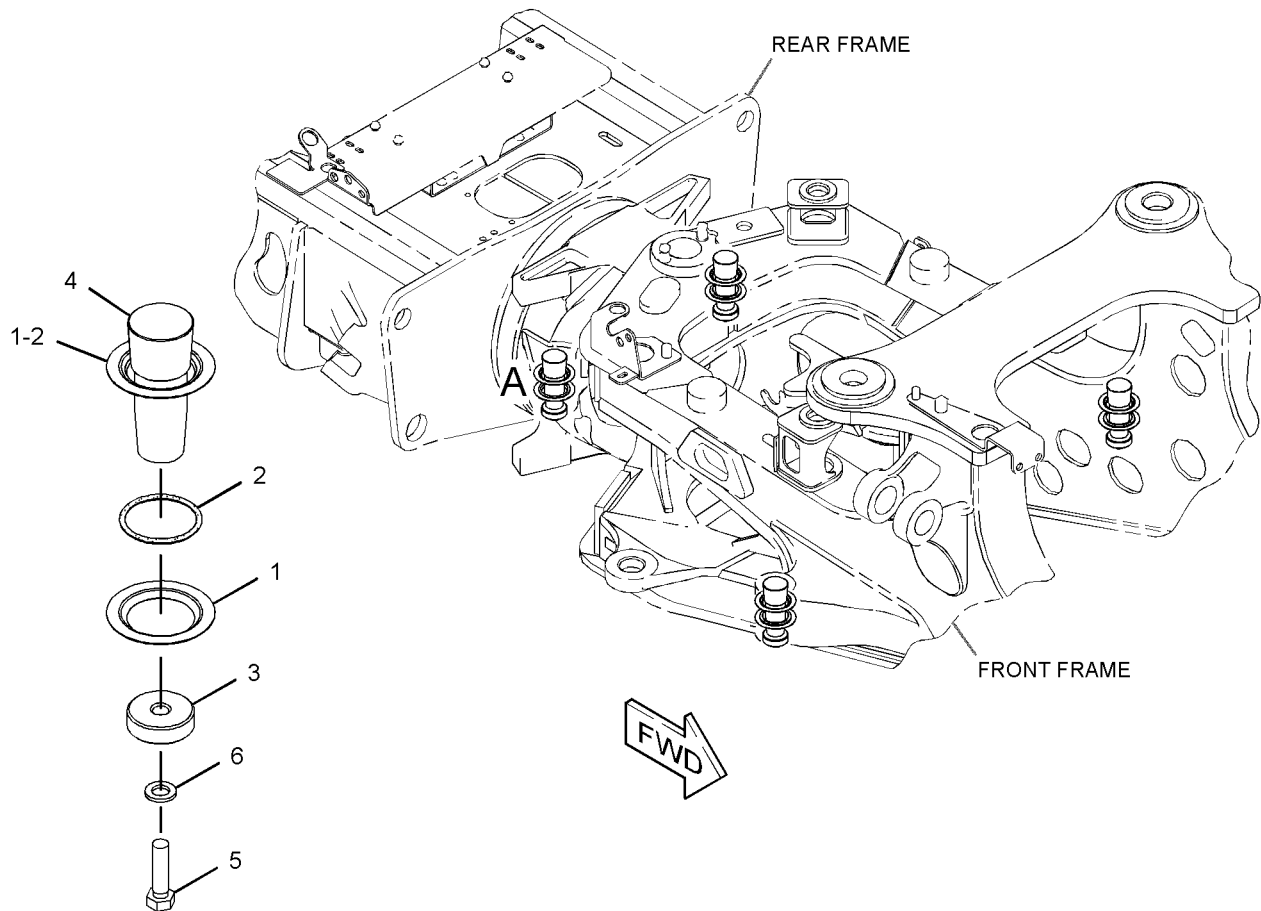
PART OF 330-9006 CHASSIS AR

SMCS-6068

i04171471

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3U-9657	8	SEAL FACE						
	2	1	7F-2122	8	SEAL-O-RING						
	3	1	7U-0887	4	WASHER (17X65X20-MM THK)						
	4	1	174-5578	4	PIN-TAPERED						
M	5	1	8T-4140	4	BOLT (M16X2X60-MM)						
	6	1	9X-8257	4	WASHER (17.5X30X3.5-MM THK)						

M-METRIC PART



VIEW OF AREA A
(EXPLODED)

GRAPHIC #1

<END>

g02387298

HYDRAULIC SYSTEM

328-4002 PIN GP-CYLINDER-SUSPENSION

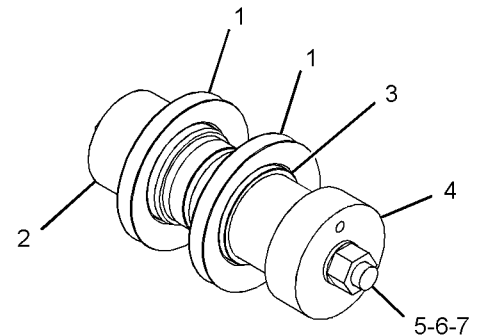
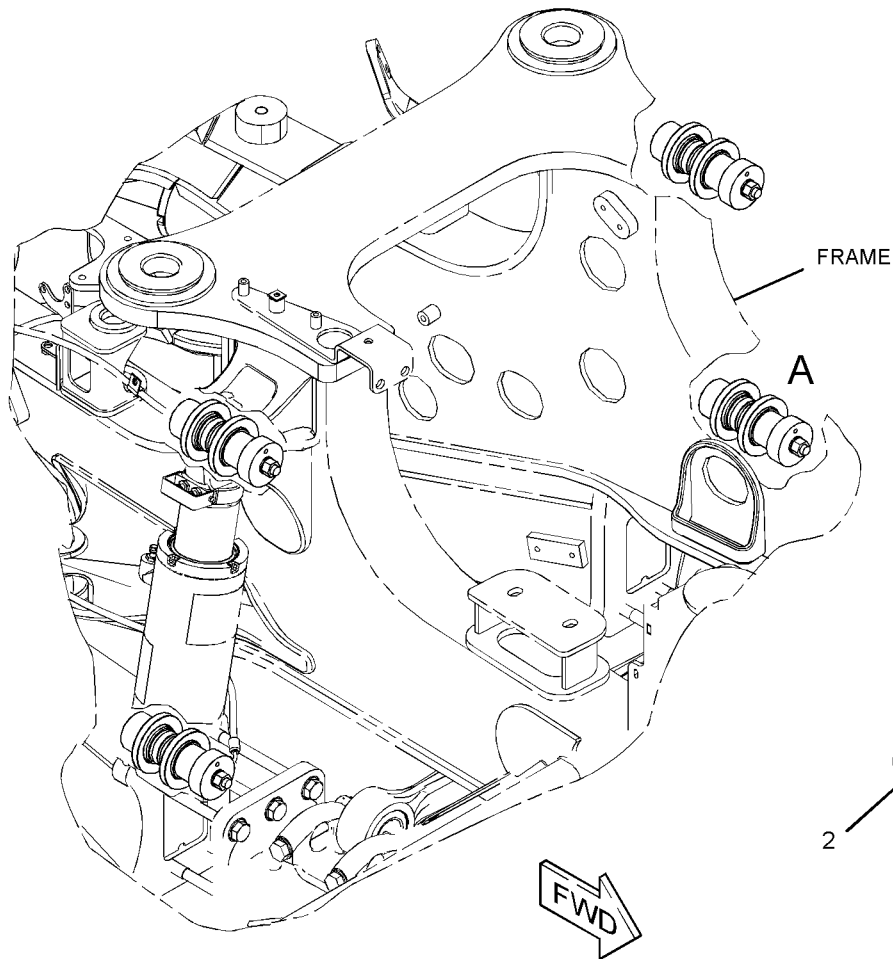
S/N: T4R1-UP

PART OF 330-9006 CHASSIS AR

SMCS-6068

i04171472

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	211-7328	8	SEAL						
	2	1	212-0136	4	PIN						
	3	1	212-0137	4	SPACER						
	4	1	212-0138	4	WASHER-SPECIAL						
M	5	1	125-3297	4	BOLT (M20X2.5X260-MM)						
	6	1	8T-4123	8	WASHER (22X35X3.5-MM THK)						
M	7	1	8T-4131	4	NUT (M20X2.5-THD)						
M-METRIC PART											



VIEW OF AREA A

GRAPHIC #1

<END>

g02387237

HYDRAULIC SYSTEM

152-6960 PUMP & MTG GP-HOIST

S/N: T4R1-UP

PART OF 291-8791 HYDRAULIC AR

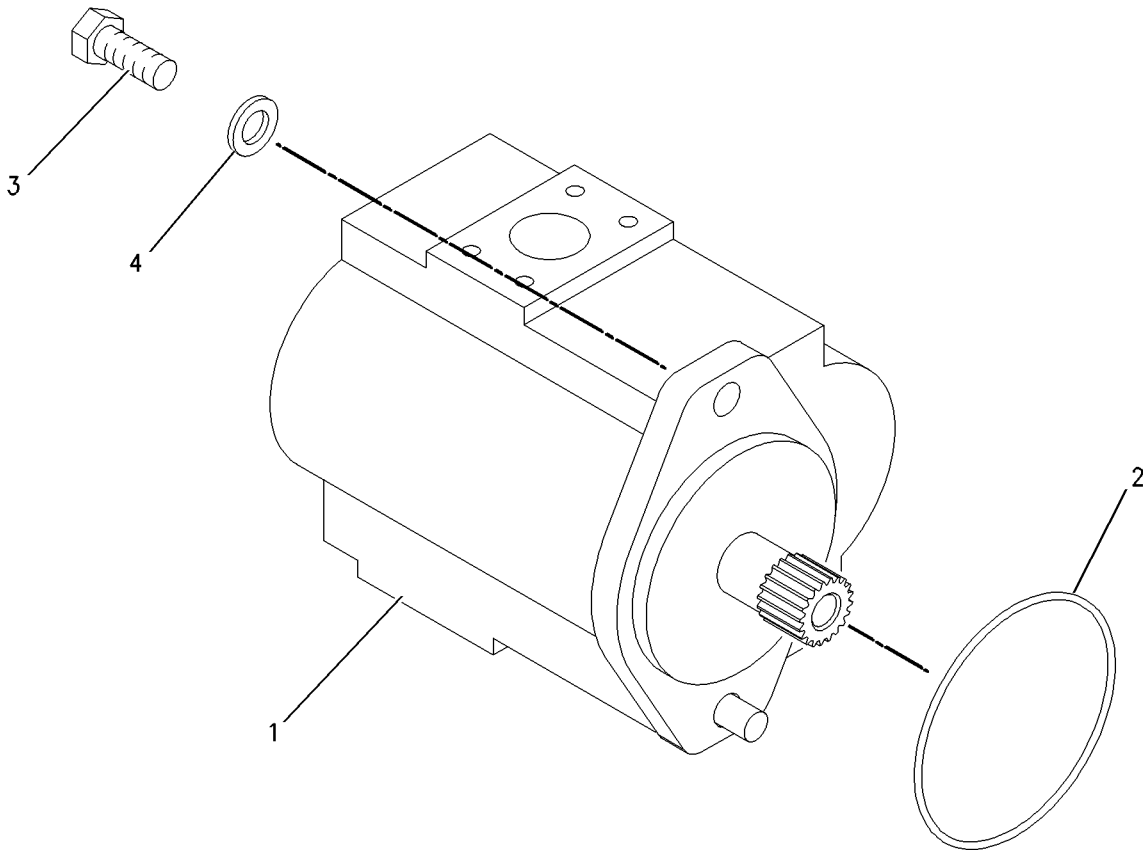
SMCS-5073, 5083

i02261922

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	188-4455	1	PUMP GP-GEAR (HOIST)	657
	2	1	5F-3106	1	SEAL-O-RING	
M	3	1	7X-2553	2	BOLT (M16X2X40-MM)	
	4	1	9X-8257	2	WASHER (17.5X30X3.5-MM THK)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00763157

HYDRAULIC SYSTEM

191-6005 PUMP & MTG GP-HYDRAULIC-ATAAC FAN

S/N: T4R1-UP

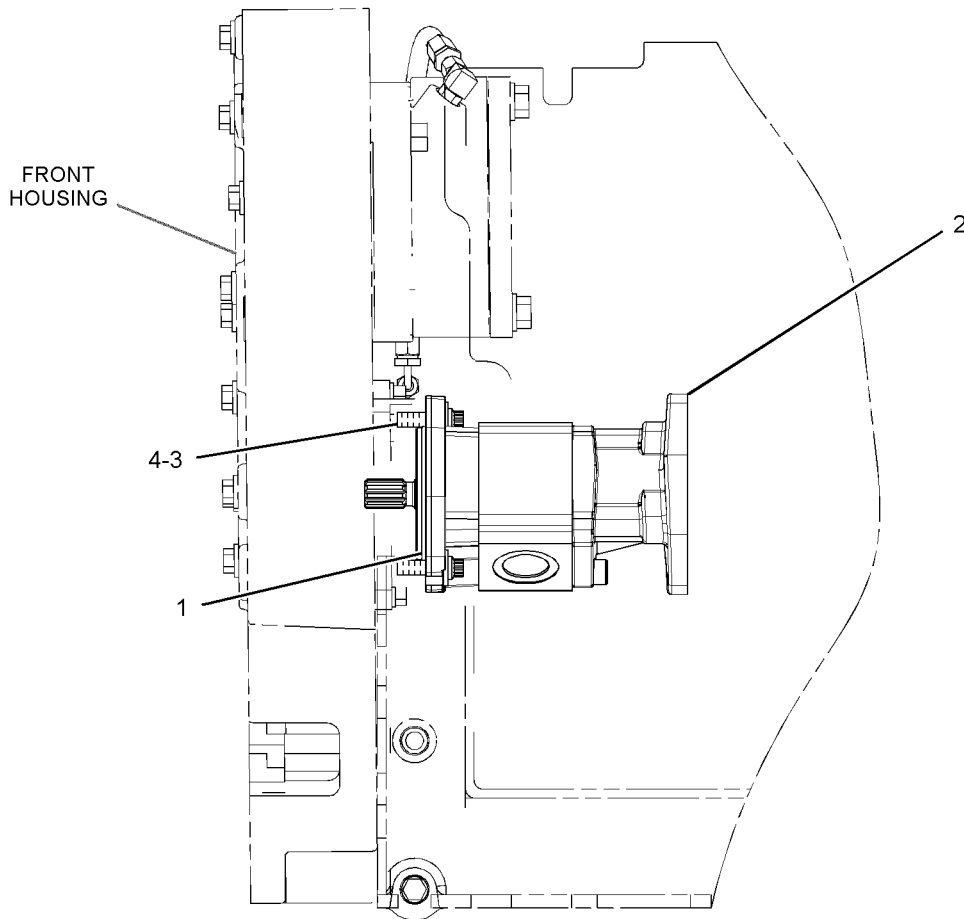
PART OF 291-8791 HYDRAULIC AR

SMCS-5055, 5070

i04127093

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	107-5769	1	SEAL-O-RING						
CY	2	1	248-5605	1	PUMP GP-GEAR (ATAAC FAN)						658
	3	1	129-3173	2	BOLT-12 POINT HEAD (3/8-16X1.25-IN)						
	4	1	5P-1075	2	WASHER-HARD (10.2X22.5X3-MM THK)						

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION



LEFT SIDE VIEW

<END>

GRAPHIC #1

g01929554

HYDRAULIC SYSTEM

291-8852 PUMP & MTG GP-HYDRAULIC FAN

S/N: T4R1-UP

PART OF 291-8791 HYDRAULIC AR

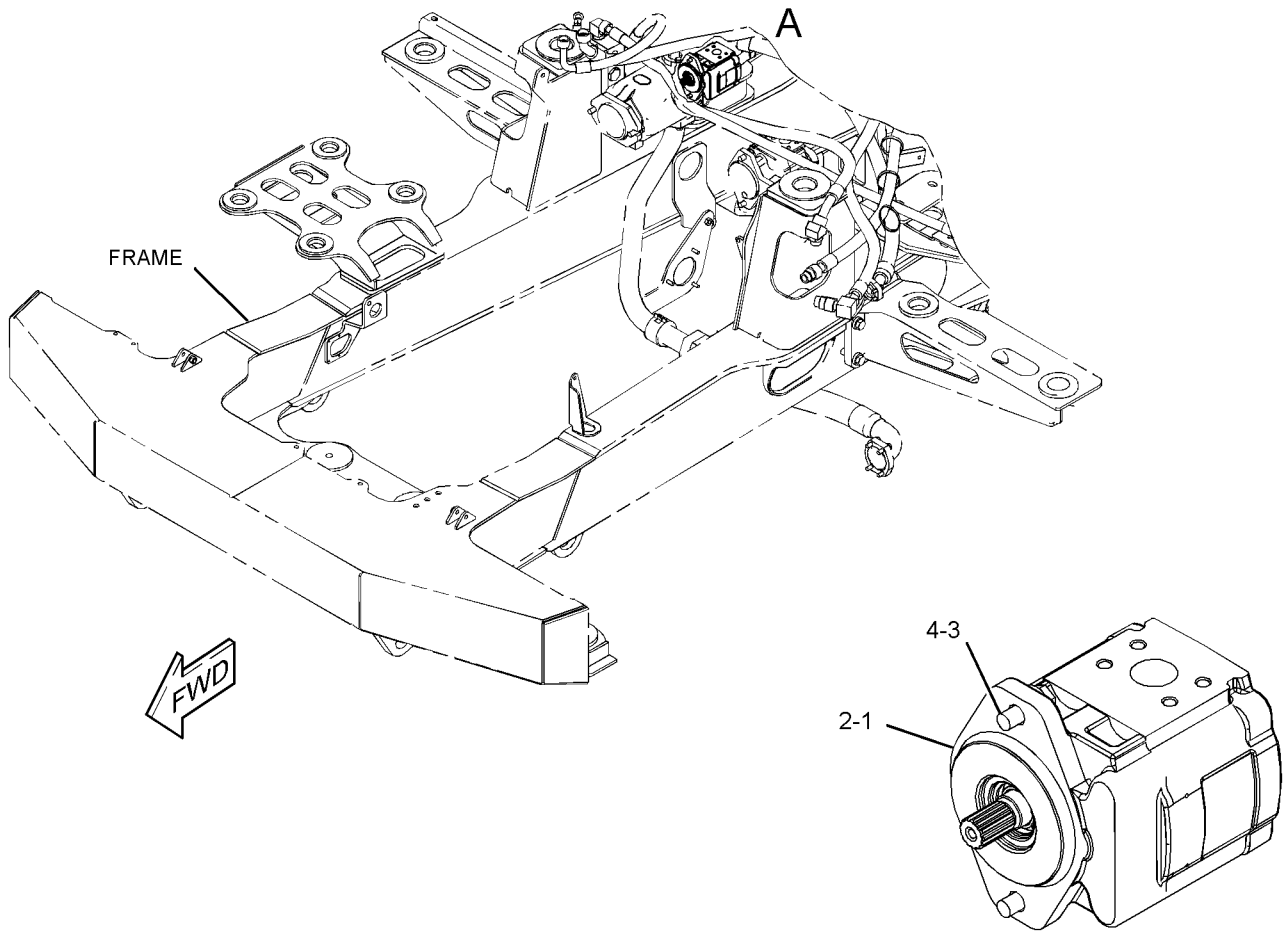
SMCS-1387

i04169613

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	345-9962	1	PUMP GP-GEAR (HYDRAULIC FAN)						660
	2	1	1H-6227	1	SEAL-O-RING						
M	3	1	8T-4139	2	BOLT (M12X1.75X30-MM)						
	4	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



VIEW OF AREA A

GRAPHIC #1

<END>

g02381857

HYDRAULIC SYSTEM

188-4455 PUMP GP-GEAR-HOIST

S/N: T4R1-UP

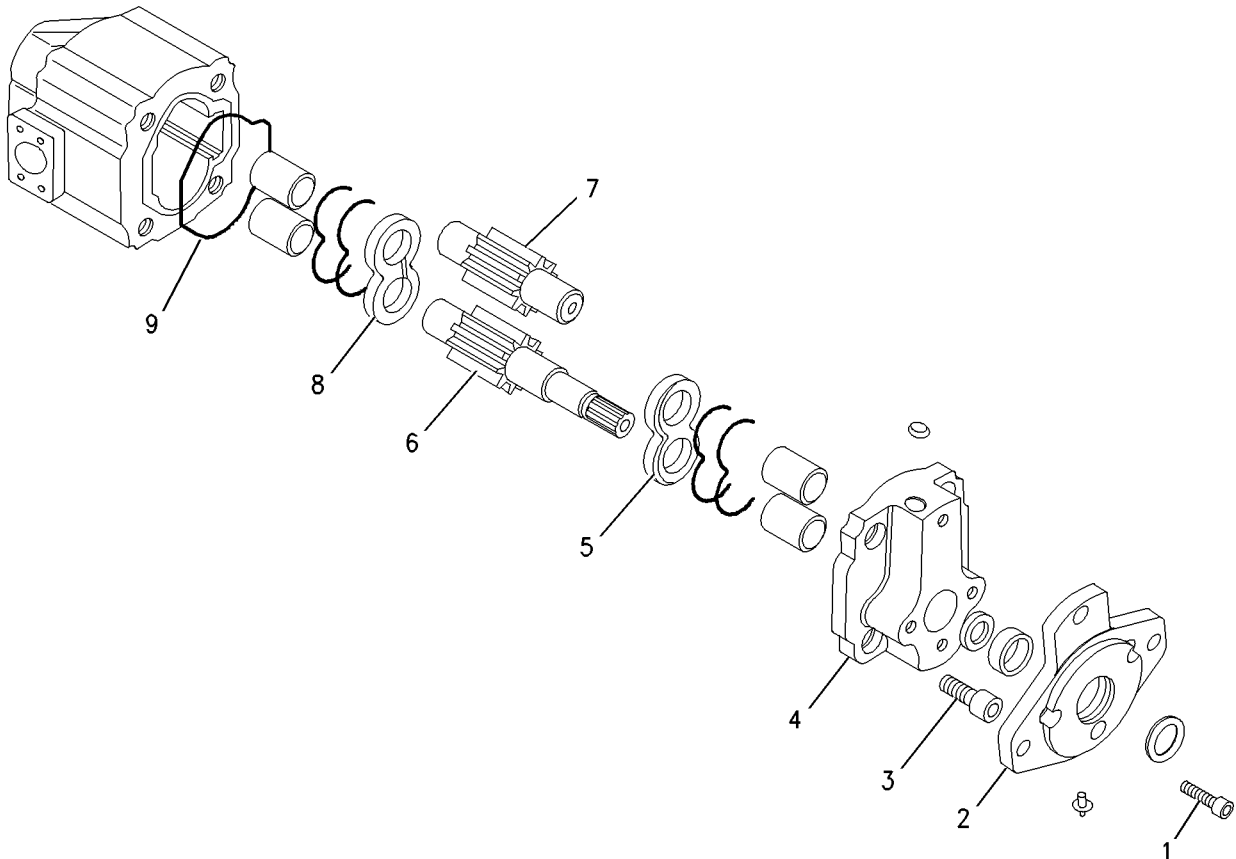
PART OF 152-6960 PUMP & MTG GP-HOIST

SMCS-5073

i04193139

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	170-8553	4	BOLT-SOCKET HEAD (M12X1.75X40-MM)						
	2	1	184-4419	1	FLANGE						
M	3	1	118-0589	4	BOLT-SOCKET HEAD (M20X2.5X60-MM)						
	4	1	184-4421	1	COVER-FRONT						
	5	1	184-4427	1	PLATE-WEAR						
	6	1	184-4424	1	GEAR-DRIVE (17-TEETH)						
	7	1	184-4425	1	GEAR-IDLER						
	8	1	184-4426	1	PLATE-WEAR						
	9	1	6V-5553	1	SEAL-O-RING						
					AVAILABLE REPAIR KIT(S):						
184-4429				1	KIT-SEAL (GEAR PUMP)						
					(INCLUDES SEALS, PLATES & O-RINGS)						

M-METRIC PART



GRAPHIC #1

<END>

g00765499

HYDRAULIC SYSTEM

248-5605 PUMP GP-GEAR-ATAAC FAN

S/N: T4R1-UP

PART OF 191-6005 PUMP & MTG GP-HYDRAULIC

SMCS-5073

i04127229

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
J	1	1	131-0715	1	SEAL-SHAFT						
J	2	1	204-4148	1	SEAL-SHAFT						
	3	1	6E-2943	1	PLUG						
	4	1	099-3095	4	DOWEL						
	5	1	196-5731	1	PLATE						
J	6	1	8J-6273	1	RING-RETAINING						
	7	1	204-4147	1	FLANGE						
	8	1	4H-5128	1	PIN-SPRING						
M	9	1	086-2369	2	BOLT-SOCKET HEAD (M10X1.5X130-MM)						
M	10	1	095-0659	2	BOLT-SOCKET HEAD (M10X1.5X85-MM)						
J	11	1	004-1964	2	SEAL-O-RING						
	12	1	255-3712	1	COUPLING						

AVAILABLE REPAIR KIT(S):

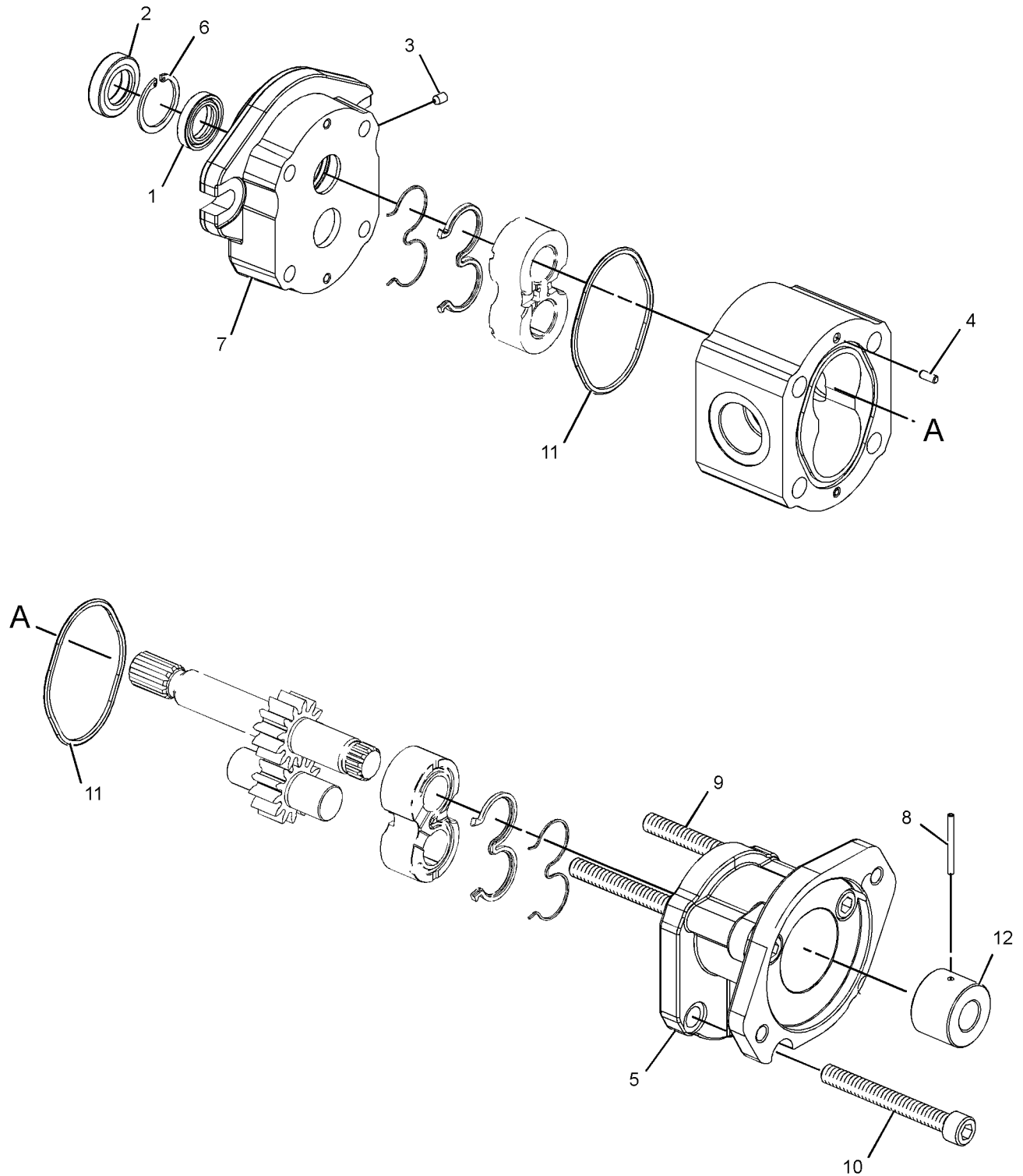
J			201-5242	1	KIT-SEAL (GEAR PUMP)						
					(ALSO INCLUDES RINGS)						

J-KIT MARKED J SERVICES PARTS MARKED J
M-METRIC PART

HYDRAULIC SYSTEM

248-5605 PUMP GP-GEAR (contd.)

i04127229



GRAPHIC #1

<END>

g01341828

HYDRAULIC SYSTEM

345-9962 PUMP GP-GEAR-HYDRAULIC FAN

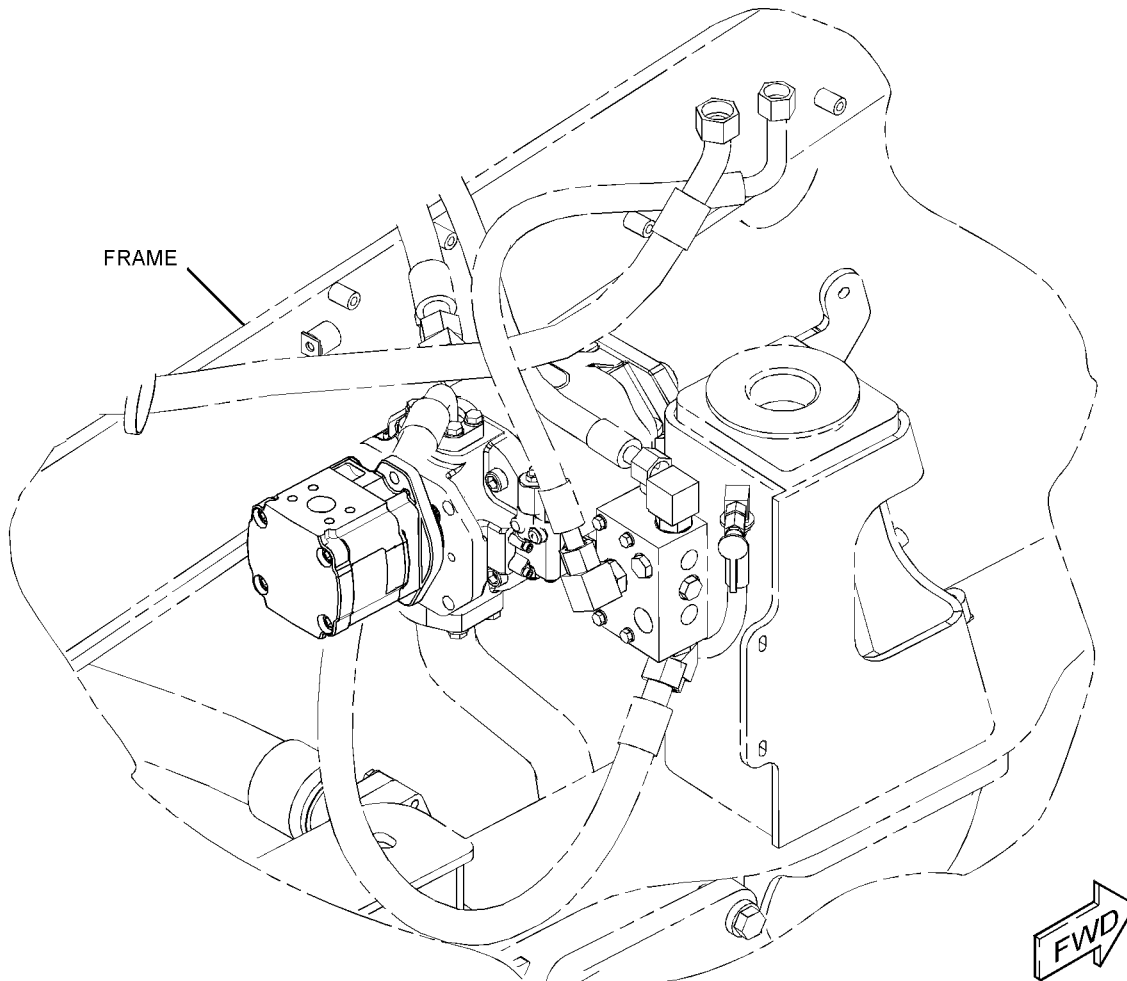
S/N: T4R1-UP

PART OF 291-8852 PUMP & MTG GP-HYDRAULIC FAN

SMCS-5073

i04228991

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
					AVAILABLE REPAIR KIT(S):						
			372-6127	1	KIT-SEAL (GEAR PUMP)						
					(INCLUDES SHAFT SEALS, PRESSURE SEALS, SQUARE SEAL & BACKUP RINGS)						



GRAPHIC #1

<END>

g02409925

HYDRAULIC SYSTEM

187-9090 PUMP GP-PISTON-BRAKE*R

S/N: T4R1-UP

PART OF 152-6961 PUMP & MTG GP-BRAKE

SMCS-5070

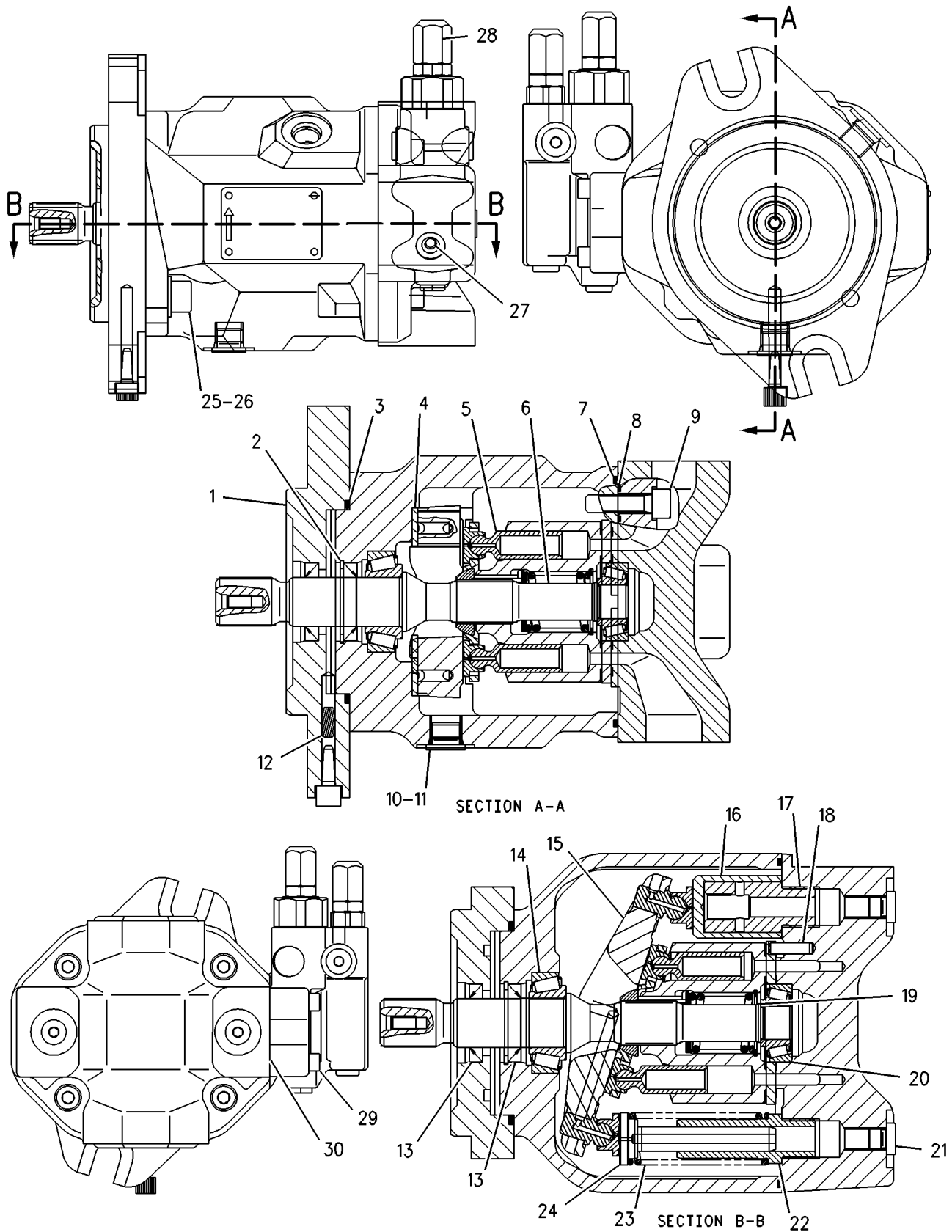
i02836354

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	197-1358	1	FLANGE						
	2	1	8T-9597	1	RING-RETAINING						
	3	1	095-1711	1	SEAL-O-RING						
	4	1	189-4719	2	BEARING						
Y	5	1	189-4710	1	ROTATING GP-PUMP (BRAKE)						665
	6	1	197-1356	1	SHAFT						
	7	1	169-7442	1	SEAL-O-RING						
	8	1	117-8216	4	SEAL-O-RING						
M	9	1	6V-5192	4	BOLT-SOCKET HEAD (M8X1.25X30-MM)						
	10	1	3J-1907	1	SEAL-O-RING						
	11	1	9S-8004	1	PLUG-O-RING						
	12	1	173-0641	1	PLUG-FILTER						
	13	1	189-4720	2	SEAL-SHAFT						
	14	1	189-4717	1	BEARING						
	15	1	189-4714	1	SWASHPLATE AS						
	16	1	189-4733	1	PISTON						
	17	1	189-4734	1	GUIDE						
	18	1	186-4259	1	PIN						
B	19	1	189-4716	1	SHIM (2.5-MM THK)						
	20	1	189-4718	1	BEARING						
	21	1	137-3780	2	PLUG						
	22	1	189-4735	1	GUIDE						
	23	1	189-4736	1	SPRING						
	24	1	191-5185	1	PLUNGER						
M	25	1	8T-1159	2	BOLT-SOCKET HEAD (M10X1.5X25-MM)						
	26	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
	27	1	136-8423	1	PLUG-BREAK OFF						
Y	28	1	193-3182	1	VALVE GP-PUMP CONTROL (PRESSURE, FLOW COMPENSATOR)						680
M	29	1	8T-8442	4	BOLT-SOCKET HEAD (M6X1X30-MM)						
	30	1	9X-7680	3	SEAL-O-RING						
B-USE AS REQUIRED											
M-METRIC PART											
Y-SEPARATE ILLUSTRATION											

HYDRAULIC SYSTEM

187-9090 PUMP GP-PISTON (contd.)

i02836354



GRAPHIC #1

<END>

g00764737

HYDRAULIC SYSTEM

346-4095 PUMP GP-PISTON-STEERING

S/N: T4R1-UP

PART OF 348-0195 PUMP & MTG GP-STEERING

SMCS-5070

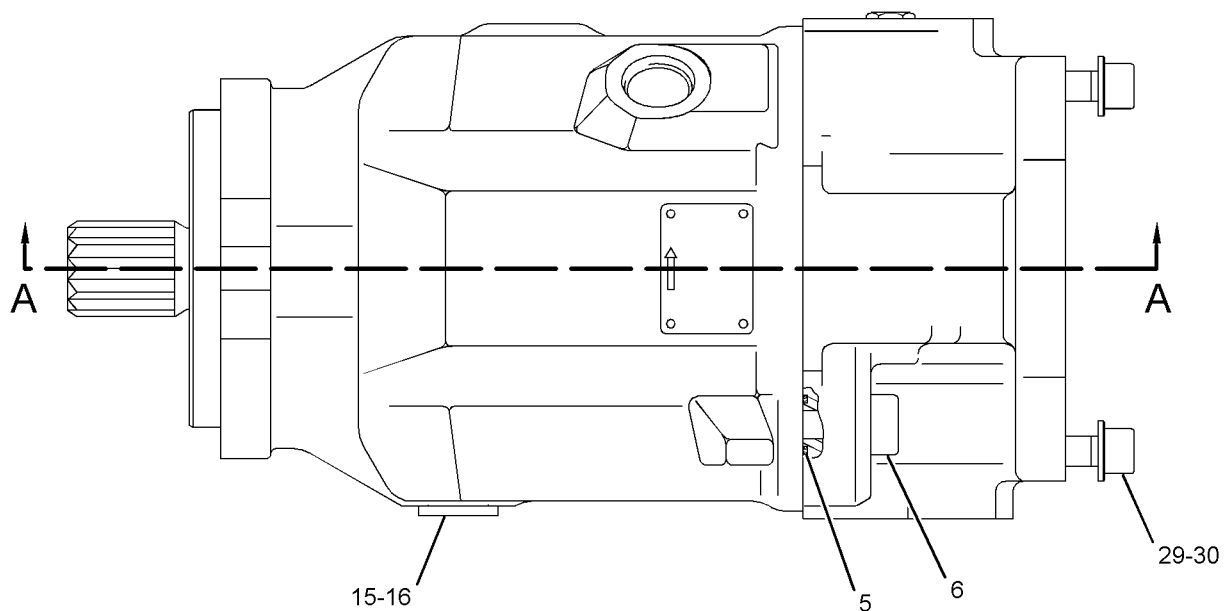
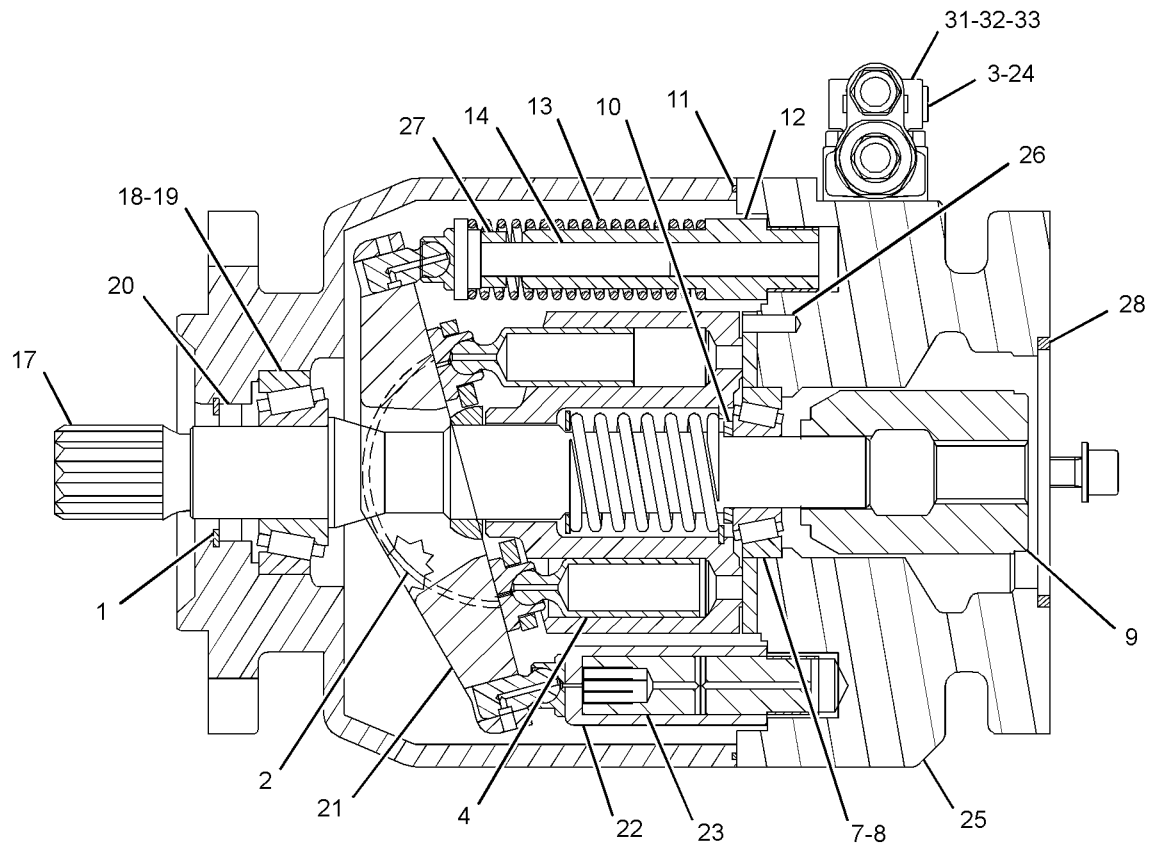
i04238549

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8T-9598	1	RING-RETAINING						
	2	1	105-1642	2	BEARING						
	3	1	9S-8002	1	PLUG-O-RING						
	4	1	372-2958	1	ROTATING GP-PUMP (STEERING)						
	5	1	8U-5951	4	SEAL-O-RING						
M	6	1	6V-8201	4	BOLT-SOCKET HEAD (M16X2X45-MM)						
	7	1	105-3033	1	CUP-BEARING						
	8	1	105-3032	1	CONE-BEARING						
	9	1	194-6848	1	COUPLER						
	10	1	105-1638	1	SPACER						
	11	1	162-9997	1	SEAL-O-RING						
	12	1	105-1636	1	CYLINDER-CONTROL						
	13	1	105-1635	1	SPRING						
	14	1	105-1634	1	PLUNGER						
	15	1	9S-4183	1	PLUG-O-RING						
	16	1	3D-2824	1	SEAL-O-RING						
	17	1	194-6847	1	SHAFT						
	18	1	3B-2263	1	CUP-BEARING						
	19	1	105-3031	1	CONE-BEARING						
	20	1	7X-1553	1	SEAL-LIP TYPE						
	21	1	105-1641	1	SWASHPLATE AS-LH						
	22	1	105-1640	1	PISTON-CONTROL						
	23	1	105-1639	1	GUIDE-CONTROL						
	24	1	3J-7354	1	SEAL-O-RING						
	25	1	120-4394	1	PLUG-BREAK OFF						
	26	1	9X-8979	1	DOWEL						
	27	1	143-7052	1	SLEEVE-STOP						
	28	1	118-3122	1	SEAL-O-RING						
M	29	1	8T-3957	2	BOLT-SOCKET HEAD (M12X1.75X30-MM)						
	30	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						
	31	1	349-5918	1	VALVE GP-PUMP CONTROL (PRESSURE AND FLOW COMPENSATOR)						
	32	1	9X-7680	3	SEAL-O-RING						
M	33	1	8T-8442	4	BOLT-SOCKET HEAD (M6X1X30-MM)						
M-METRIC PART											

HYDRAULIC SYSTEM

346-4095 PUMP GP-PISTON (contd.)

i04238549



GRAPHIC #1

<END>

g02428399

HYDRAULIC SYSTEM

189-4710 ROTATING GP-PUMP-BRAKE

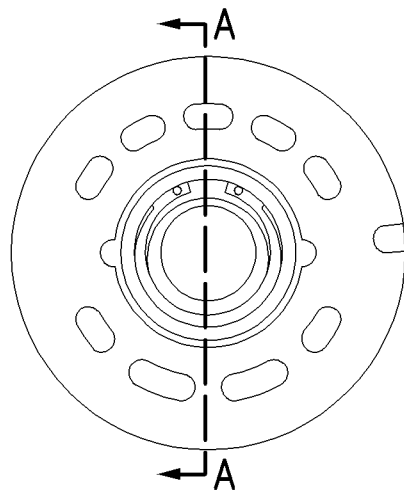
S/N: T4R1-UP

PART OF 187-9090 PUMP GP-PISTON

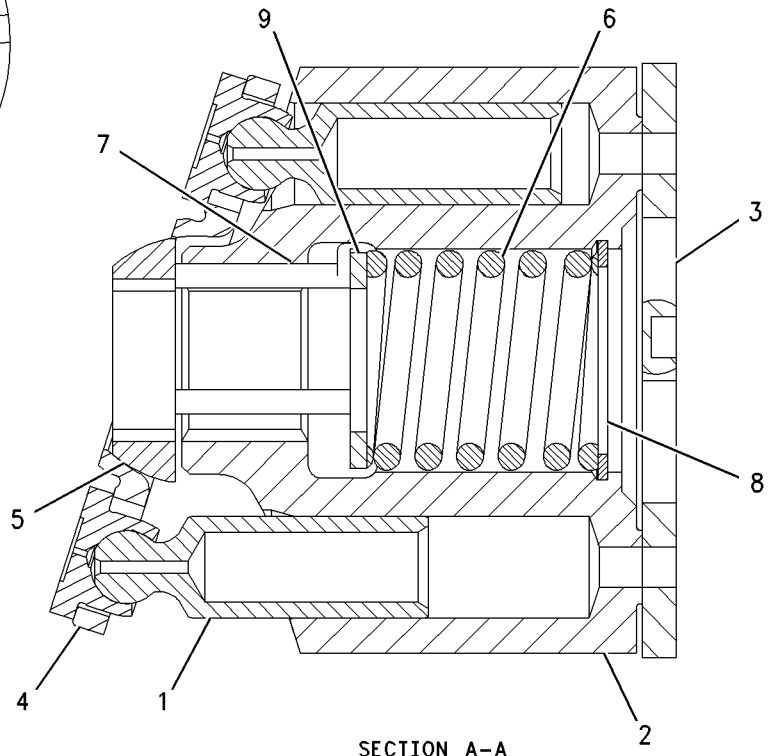
SMCS-5070

i03630323

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	189-4724	1	KIT-PISTON						
					(INCLUDES 9 SETS OF PISTON ASSEMBLY)						
	2	1	189-4725	1	BARREL						
	3	1	189-4726	1	PLATE						
	4	1	189-4727	1	PLATE						
	5	1	189-4728	1	BEARING						
	6	1	189-4729	1	SPRING						
	7	1	189-4730	3	PIN						
	8	1	8C-3312	1	RING-RETAINING						
	9	1	189-4732	1	SPACER (17.6X26.5X2-MM THK)						



LEFT SIDE VIEW



SECTION A-A

GRAPHIC #1

<END>

g00822431

HYDRAULIC SYSTEM

291-8858 TANK & MTG GP-HYDRAULIC-HOIST

S/N: T4R1-UP

PART OF 291-8791 HYDRAULIC AR

SMCS-5056

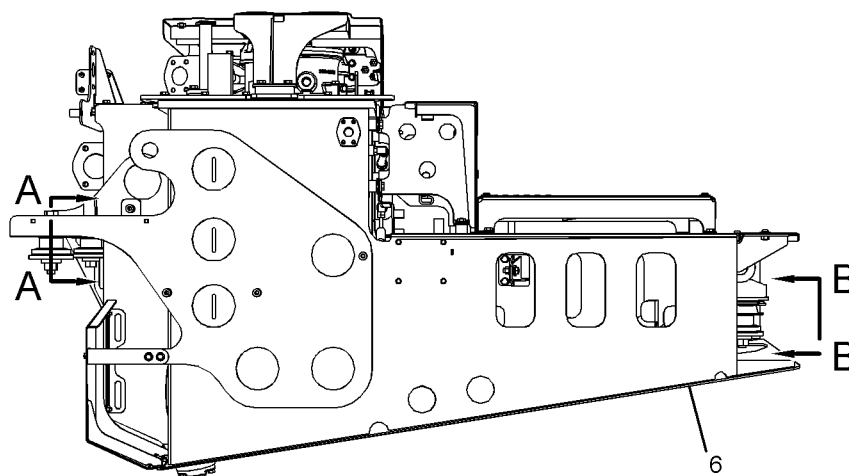
i04169614

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	9W-6582	3	SLEEVE	
	2	1	9W-6584	3	WASHER (20.5X114X10-MM THK)	
	3	1	9W-9920	3	MOUNT AS	
B	4	1	092-2267	2	SHIM (2-MM THK)	
	5	1	205-3984	3	WASHER-SPECIAL	
Y	6	1	332-6453	1	TANK GP-HYDRAULIC (HOIST)	667
	7	1	6C-9149	6	WASHER (22X50X10-MM THK)	
M	8	1	8T-4131	3	NUT (M20X2.5-THD)	
M	9	1	8T-4170	3	BOLT (M20X2.5X150-MM)	

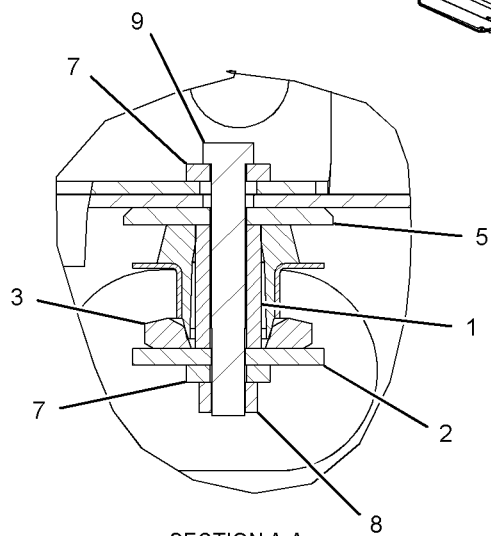
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M-METRIC PART

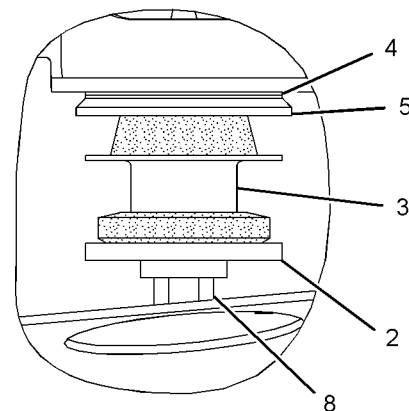
Y-SEPARATE ILLUSTRATION



RIGHT SIDE VIEW



SECTION A-A



VIEW B-B

GRAPHIC #1

<END>

g02383056

HYDRAULIC SYSTEM

332-6453 TANK GP-HYDRAULIC-HOIST

S/N: T4R1-UP

PART OF 291-8858 TANK & MTG GP-HYDRAULIC

SMCS-4332, 5056, 5068

i04169632

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	1U-2827	2	GUIDE-VALVE	
	2	2	6U-2703	1	BRACKET-ANGLE	
	3	2	7B-3039	2	SPRING	
	4	2	8J-8782	2	BODY-DRAIN VALVE	
	5	2	8J-8783	2	VALVE (HYDRAULIC TANK)	
	6	2	8T-3298	2	SEAL-RECTANGULAR	
	7	2	9J-7031	2	PLUG-DRAIN (HYDRAULIC TANK)	
I	8	1	138-7475	1	HOSE AS	
I	9	1	232-4903	1	HOSE AS	
I	10	2	312-5789	1	HOSE AS	
	11	1	332-6456	1	TANK AS-HYDRAULIC	
	12	1	332-6483	1	BRACKET AS	
M		1	6V-9632	4	NUT-WELD (M6X1-THD)	
		1	7T-1099	1	LINK	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	13	1	332-6490	1	GAUGE-OIL LEVEL (HYDRAULIC TANK)	
		1	332-6491	1	PLATE	
Y	14	1	332-6518	1	GUARD GP-HYDRAULIC TANK	478
	15	1	332-6519	1	GASKET	
	16	1	332-6520	1	GASKET	
Y	17	1	332-6525	1	COVER GP-TANK (HYDRAULIC)	612
	18	1	332-6529	1	COVER AS (LH)	
		1	183-7602	3	BOSS-THREADED (M10X1.5-THD)	
		1	332-6486	1	BRACKET	
		1	332-6488	1	BRACKET	
		1	332-6531	1	BRACKET-MOUNTING	
Y	19	1	332-6833	1	COVER GP-TANK (HYDRAULIC)	614
	20	1	333-7974	1	BRACKET AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
		1	333-7921	1	BRACKET	
	21	1	334-4889	1	BRACKET AS	
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)	
	22	1	339-5889	1	GAUGE-OIL LEVEL (HYDRAULIC TANK)	
		1	339-5901	1	PLATE	
		1	359-1295	2	ADAPTER	
	23	1	369-8736	1	BRACKET	
	24	1	148-8326	1	CONNECTOR AS	
		1	3J-7354	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-9872	1	CONNECTOR	
	25	2	148-8336	1	CONNECTOR AS	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	6V-8636	1	CONNECTOR	
	26	1	148-8361	1	ELBOW AS	
		1	3J-7354	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-9200	1	ELBOW	
	27	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	
	28	2	260-9171	1	CONNECTOR AS	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	

HYDRAULIC SYSTEM

332-6453 TANK GP-HYDRAULIC (contd.)

i04169632

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	8T-9041	1	CONNECTOR						
	29	2	4L-6454	4	BOLT (3/8-16X1-IN)						
	30	2	4P-7581	1	CLIP						
	31	2	5M-2057	2	SEAL-O-RING						
	32	1	5P-1076	2	WASHER-HARD (13.5X30X4-MM THK)						
	33	1	7X-7729	7	WASHER (11X25X3-MM THK)						
	34	1, 2	8T-4121	45	WASHER-HARD (11X21X2.5-MM THK)						
M	35	1	8T-4133	2	NUT (M10X1.5-THD)						
M	36	1	8T-4136	41	BOLT (M10X1.5X25-MM)						
M	37	1, 2	8T-4195	9	BOLT (M10X1.5X30-MM)						
M	38	1	8T-4244	1	NUT (M12X1.75-THD)						
	39	2	8T-4896	4	WASHER-HARD (10.2X18.5X2.5-MM THK)						
M	40	1	8T-4956	1	BOLT (M12X1.75X35-MM)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM

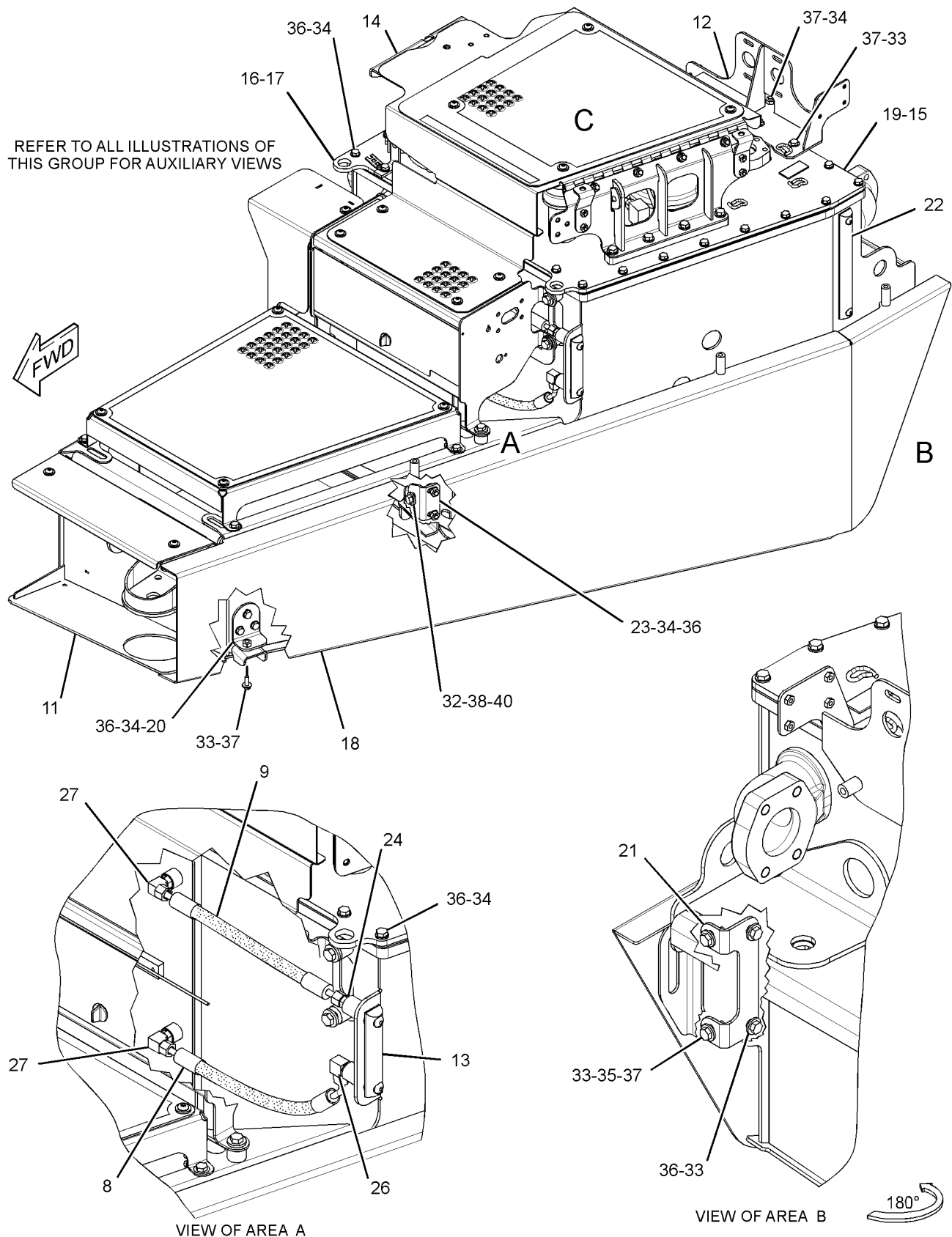
M-METRIC PART

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

332-6453 TANK GP-HYDRAULIC (contd.)

i04169632



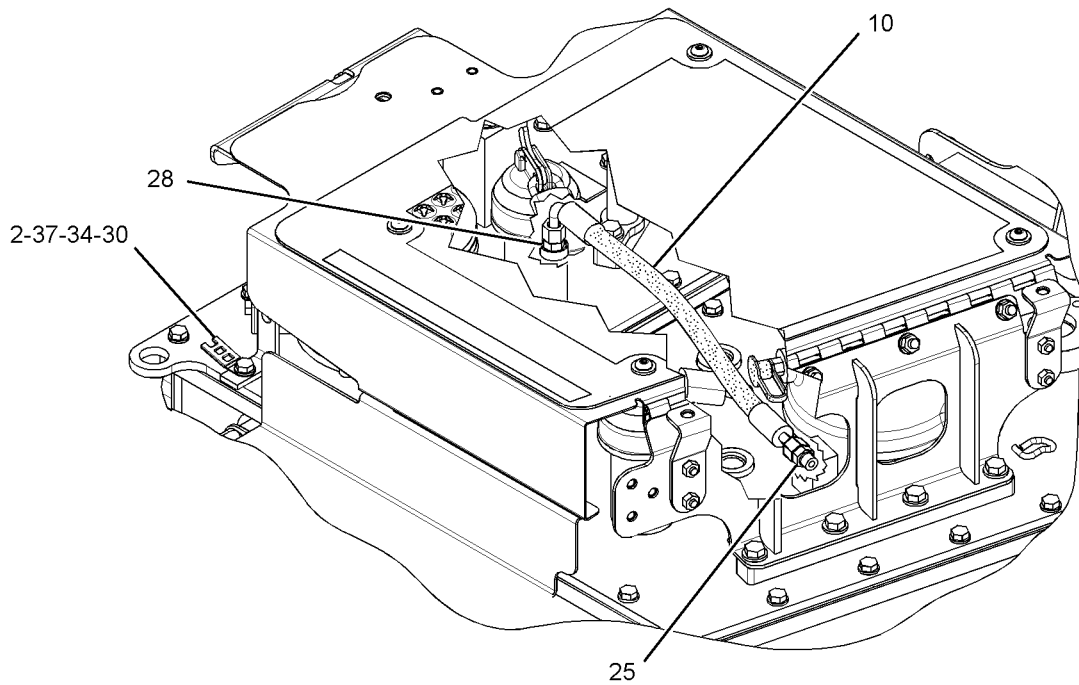
GRAPHIC #1

g02396176

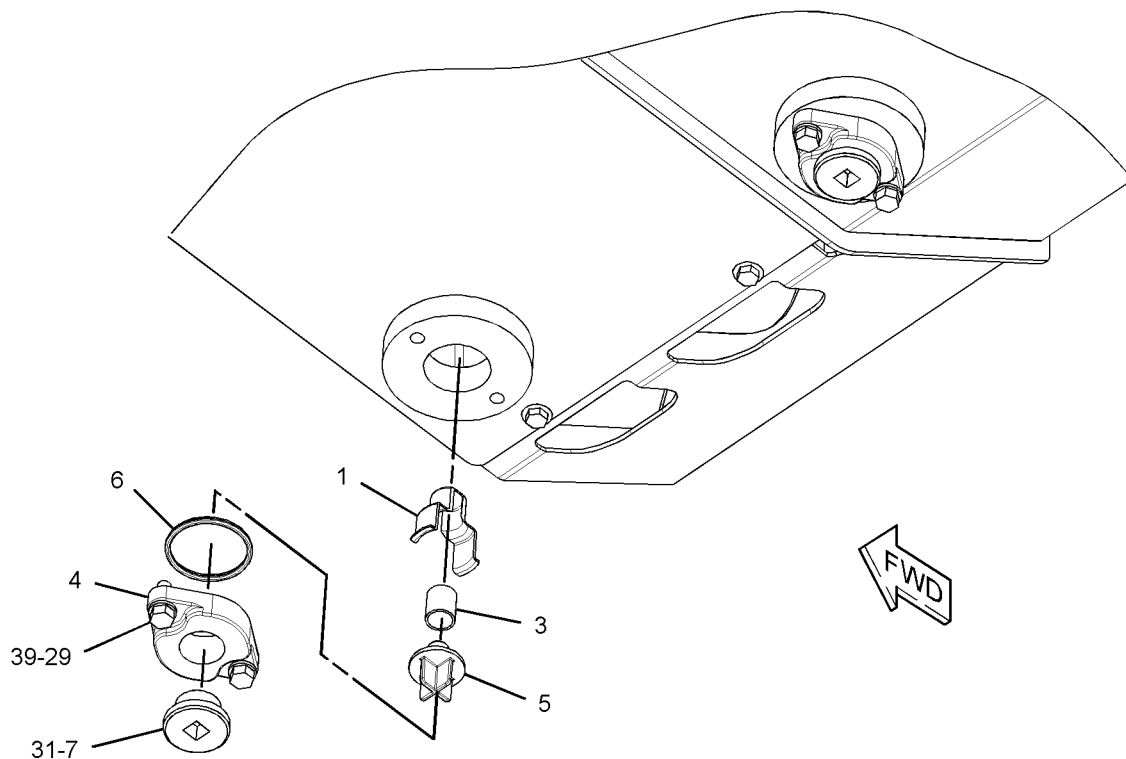
HYDRAULIC SYSTEM

332-6453 TANK GP-HYDRAULIC (contd.)

i04169632



VIEW OF AREA C



GRAPHIC #2

<END>

g02397576

HYDRAULIC SYSTEM

152-7120 VALVE & MTG GP-HOIST CONTROL

S/N: T4R1-UP

PART OF 291-8864 VALVE & MTG GP-HOIST CONTROL

SMCS-5136

i03481340

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	148-8424	1	TEE AS						
		1	6V-8397	1	SEAL-O-RING						
		1	8T-8902	1	TEE						
	2	1	164-5567	1	COUPLER AS-QUICK DISCONNECT (MALE)						
		1	214-7568	1	SEAL-O-RING						
		1	6V-3965	1	FITTING (QUICK DISCONNECT)						
CY	3	1	336-4157	1	VALVE GP-CONTROL (HOIST CONTROL)						674
	4	1	189-9263	1	TUBE AS						
	5	1	217-2573	1	TUBE AS						
	6	1	247-8399	1	PLATE AS						
		1	7T-1099	3	LINK						
M		1	8T-3597	5	NUT-WELD (M12X1.75-THD)						
I	7	1	150-5005	1	HOSE AS						
	8	1	148-8336	4	CONNECTOR AS						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8636	1	CONNECTOR						
	9	1	148-8368	1	ELBOW AS						
		1	3J-1907	1	SEAL-O-RING						
		1	4J-5477	1	SEAL-O-RING						
		1	6V-8627	1	ELBOW						
	10	1	148-8369	1	ELBOW AS						
		1	3J-7354	1	SEAL-O-RING						
		1	4J-5477	1	SEAL-O-RING						
		1	6V-8628	1	ELBOW						
	11	1	148-8434	2	TEE AS						
					(EACH INCLUDES)						
		1	6V-8397	2	SEAL-O-RING						
		1	6V-9843	1	TEE						
	12	1	6V-0852	1	CAP-DUST						
M	13	1	8T-4136	1	BOLT (M10X1.5X25-MM)						
	15	1	263-6342	1	CLIP						
M	16	1	8T-4133	2	NUT (M10X1.5-THD)						
M	17	1	8T-4196	1	BOLT (M10X1.5X35-MM)						
	20	1	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)						
	21	1	7U-9542	1	PLATE-CLAMPING						
	22	1	6B-2882	1	SPACER (0.406X0.75X0.312-IN THK)						

C-CHANGE FROM PREVIOUS TYPE

I-REFER TO HYDRAULIC INFORMATION SYSTEM

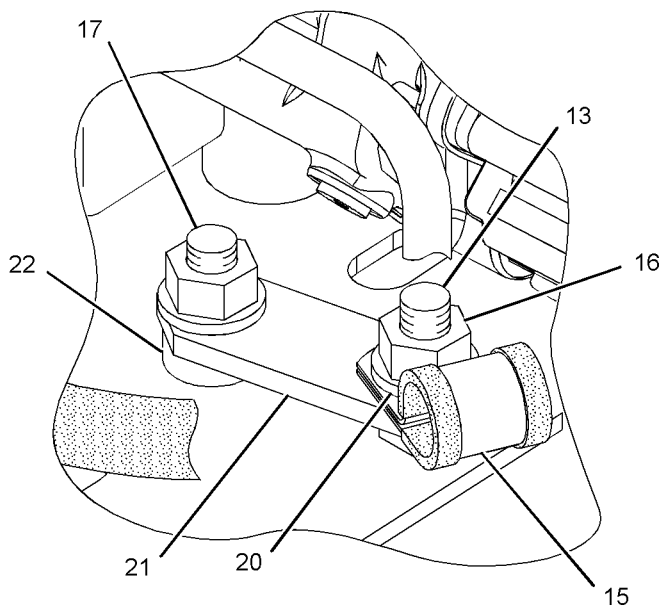
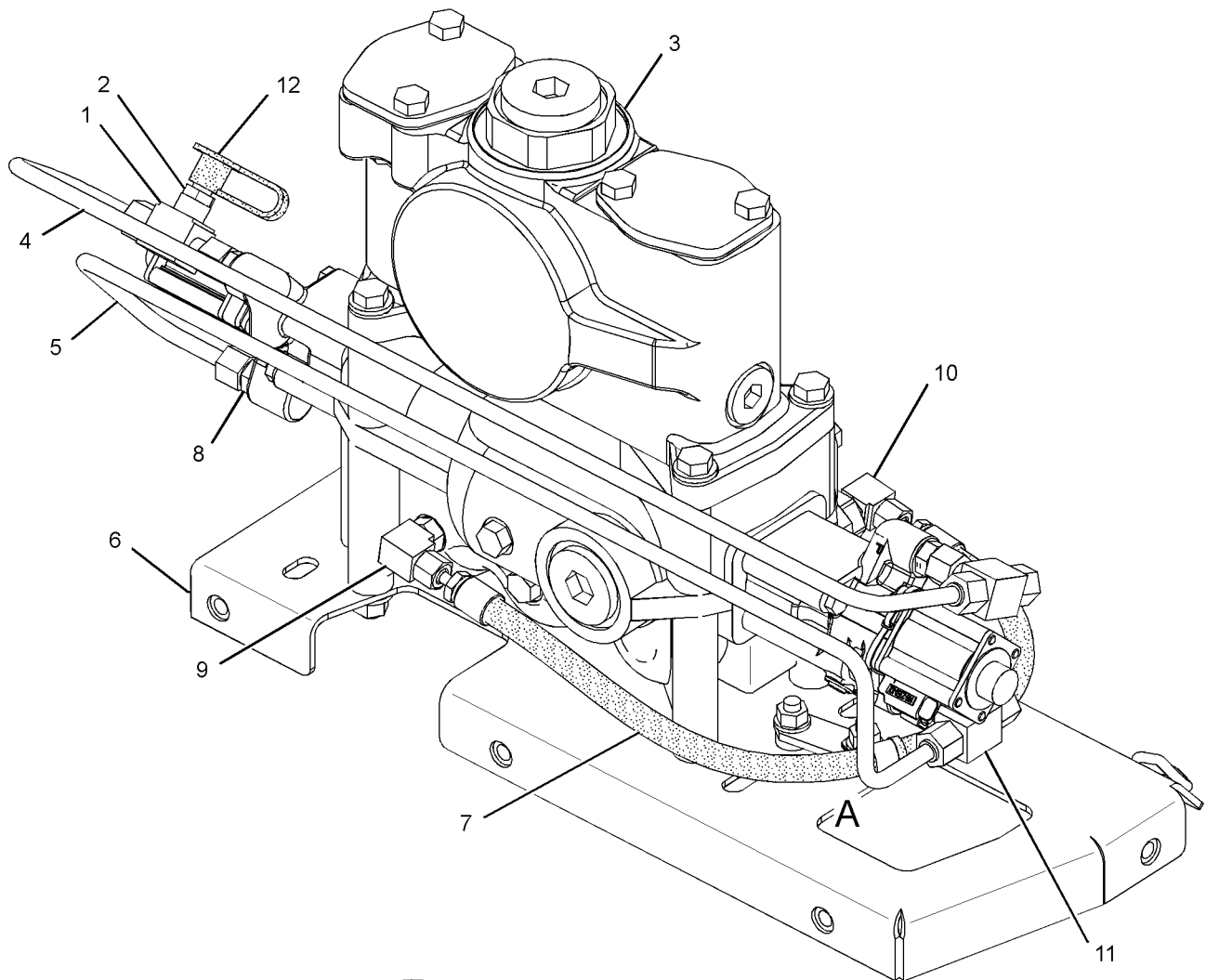
M-METRIC PART

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

152-7120 VALVE & MTG GP-HOIST CONTROL (contd.)

i03481340



VIEW OF AREA A

GRAPHIC #1

<END>

g01823514

HYDRAULIC SYSTEM

291-8864 VALVE & MTG GP-HOIST CONTROL

S/N: T4R1-UP

PART OF 291-8791 HYDRAULIC AR

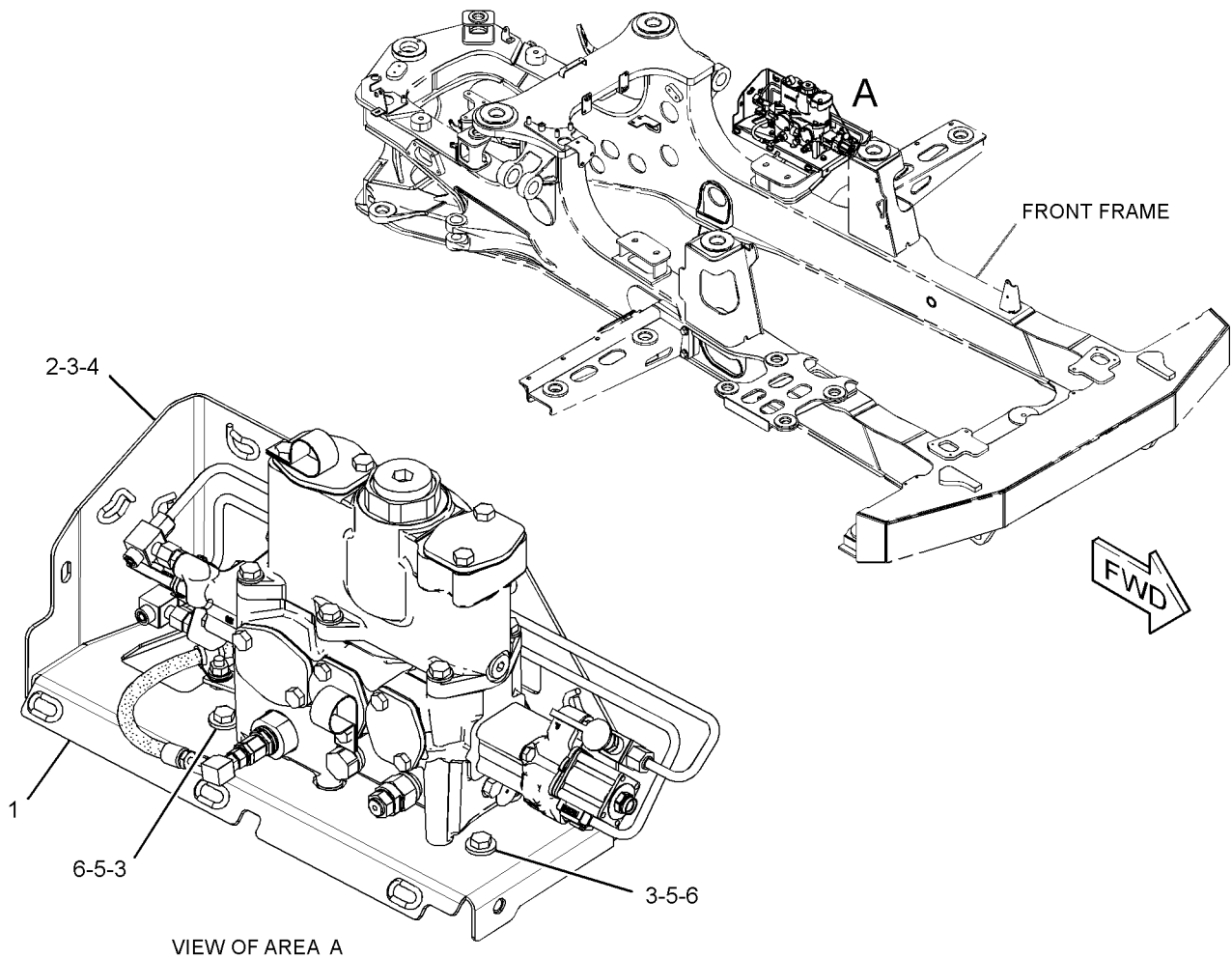
SMCS-5136

i04169616

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	152-7120	1	VALVE & MTG GP-HOIST CONTROL						671
	2	1	197-6651	1	SHIELD AS						
		1	7T-1099	6	LINK						
	3	1	5P-1076	12	WASHER-HARD (13.5X30X4-MM THK)						
M	4	1	8T-4192	4	BOLT (M12X1.75X25-MM)						
M	5	1	8T-4244	4	NUT (M12X1.75-THD)						
M	6	1	8T-4956	4	BOLT (M12X1.75X35-MM)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02383659

HYDRAULIC SYSTEM

336-4157 VALVE GP-CONTROL-HOIST

S/N: T4R1-UP

PART OF 152-7120 VALVE & MTG GP-HOIST CONTROL

SMCS-5051

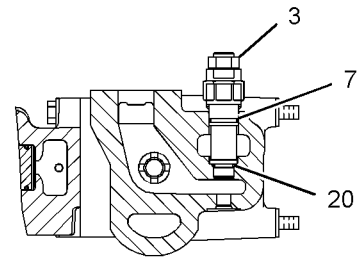
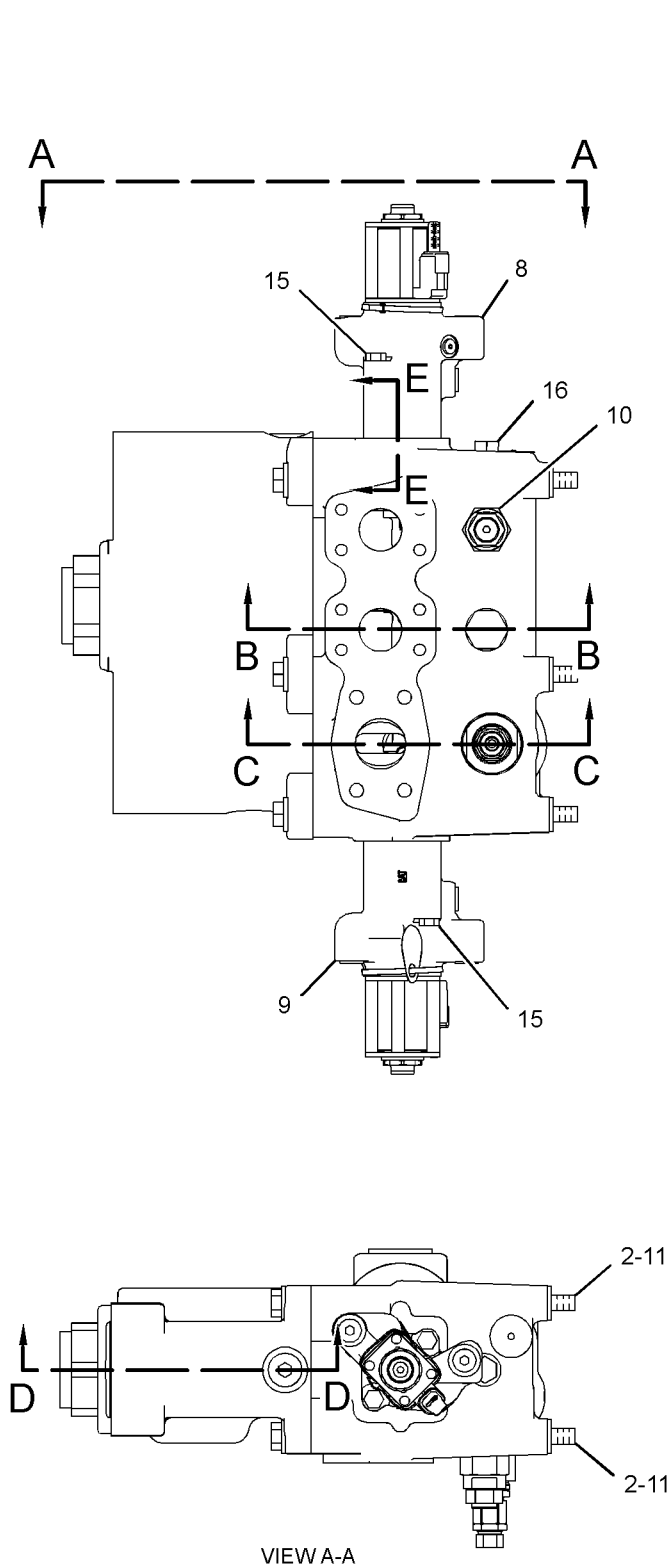
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NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1U-0323	1	PLUG AS	
		1	1U-0322	1	BUSHING	
		1	3G-2683	1	PLUG	
	2	1	8T-4223	10	WASHER-HARD (13.5X25.5X3-MM THK)	
	3	1	6E-6129	1	PLUG-MAIN RELIEF	
	4	1	7J-7423	1	VALVE (HOIST CONTROL)	
	5	1	7S-8491	1	SPRING	
Y	6	1	126-6099	1	VALVE GP-RELIEF (HOIST CONTROL)	600
	7	1	7J-9933	1	SEAL-O-RING	
Y	8	1	192-6443	1	ACTUATOR GP-PILOT CONTROL (HOIST LOWER)	601
Y	9	1	196-2403	1	ACTUATOR GP-PILOT CONTROL (HOIST RAISE)	603
Y	10	1	204-2124	1	VALVE GP-LOWERING CONTROL (HOIST)	677
M	11	1	7X-7960	5	BOLT (M12X1.75X220-MM)	
	12	1	320-9236	1	BODY-VALVE	
	13	1	320-9706	1	PLUG-ORIFICE	
	14	1	330-9801	1	VALVE GP-RELIEF (HOIST CONTROL)	
		1	9X-7712	1	SEAL-O-RING	
		1	191-2962	1	SEAL-O-RING	
M	15	1	8T-6870	4	BOLT (M8X1.25X70-MM)	
	16	1	148-8407	1	PLUG AS	
		1	3J-1907	1	SEAL-O-RING	
		1	9S-4191	1	PLUG-O-RING	
	17	1	164-5619	1	PLUG AS	
		1	2M-9780	1	SEAL-O-RING	
		1	9S-8006	1	PLUG-O-RING	
	18	1	1H-1023	4	SEAL-O-RING	
	19	1	2S-4078	1	SEAL-O-RING	
	20	1	3K-0360	1	SEAL-O-RING	
	21	1	4D-3107	2	SEAL-O-RING	
	22	1	4J-0522	1	SEAL-O-RING	
	23	1	4J-0523	1	SEAL-O-RING	
F			3J-5554	1	GASKET	
F-NOT SHOWN M-METRIC PART Y-SEPARATE ILLUSTRATION						

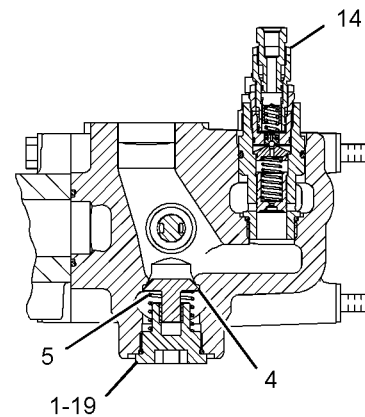
HYDRAULIC SYSTEM

336-4157 VALVE GP-CONTROL (contd.)

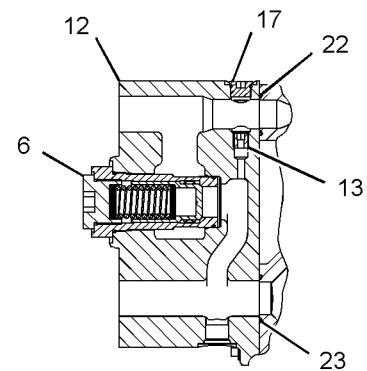
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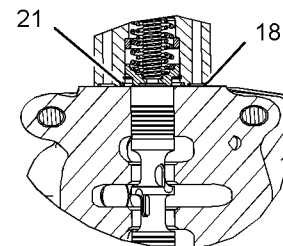
SECTION B-B



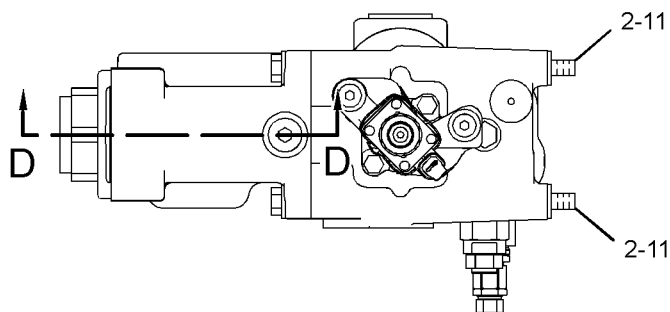
SECTION C-C



SECTION D-D



SECTION E-E



VIEW A-A

GRAPHIC #1

<END>

g01824073

HYDRAULIC SYSTEM

347-0556 VALVE GP-CONTROL-HYDRAULIC FAN

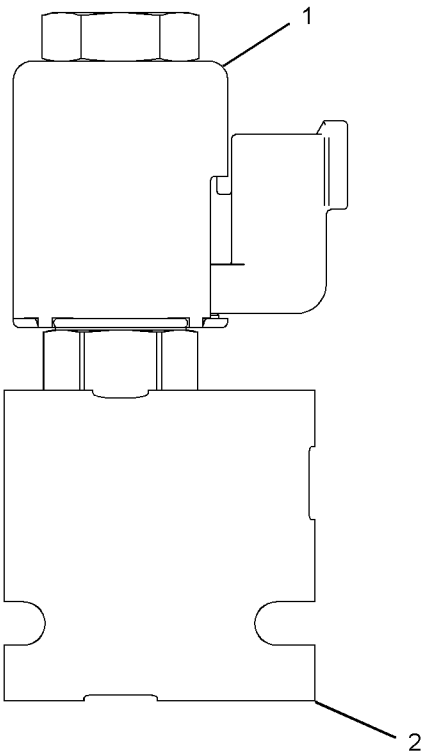
S/N: T4R1-UP

PART OF 291-8837 LINES GP-PUMP

SMCS-5051

i04169643

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	211-2092	1	VALVE	GP-SOLENOID	(24-VOLT)	(HYDRAULIC	FAN)	683	
	2	1	263-5846	1	BODY						
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

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g02384778

HYDRAULIC SYSTEM

204-2124 VALVE GP- LOWERING CONTROL-HOIST

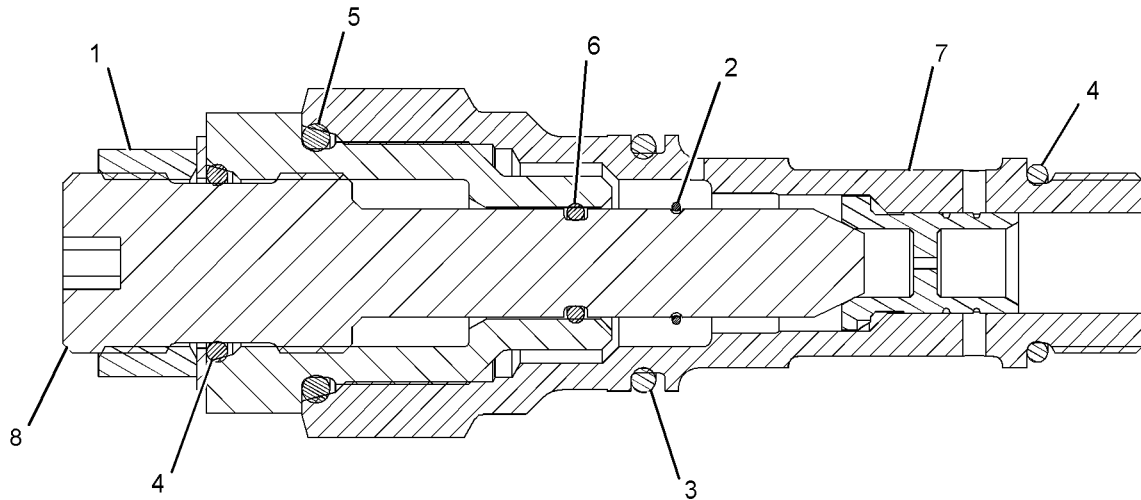
S/N: T4R1-UP

PART OF 336-4157 VALVE GP-CONTROL

SMCS-5147

i04165971

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-6395	1	NUT (3/4-16-THD)						
	2	1	8C-5061	1	RING-RETAINING						
	3	1	7J-9933	1	SEAL-O-RING						
	4	1	3K-0360	2	SEAL-O-RING						
	5	1	3D-2824	1	SEAL-O-RING						
	6	1	3J-7354	1	SEAL-O-RING						
	7	1	4T-7517	1	VALVE AS (HOIST CONTROL)						
	8	1	205-4140	1	VALVE AS (LOWERING CONTROL)						



GRAPHIC #1

<END>

g02360336

HYDRAULIC SYSTEM

239-0615 VALVE GP-PRESSURE REDUCING-HOIST

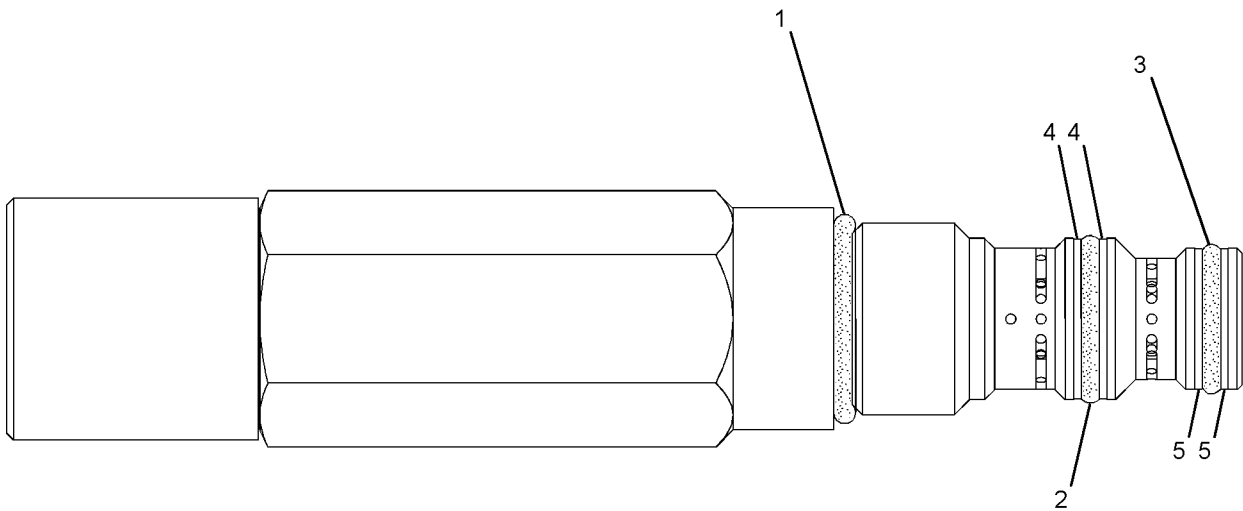
S/N: T4R1-UP

PART OF 337-8683 MANIFOLD GP-CONTROL

SMCS-5467

i02060016

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	161-6149	1	SEAL-O-RING						
	3	1	095-1750	1	SEAL-O-RING						
	4	1	161-6161	2	RING-BACKUP						
	5	1	187-0541	2	RING-BACKUP						



GRAPHIC #1

<END>

g01064669

HYDRAULIC SYSTEM

357-6734 VALVE GP-PRESSURE REDUCING- DIFFERENTIAL LOCK

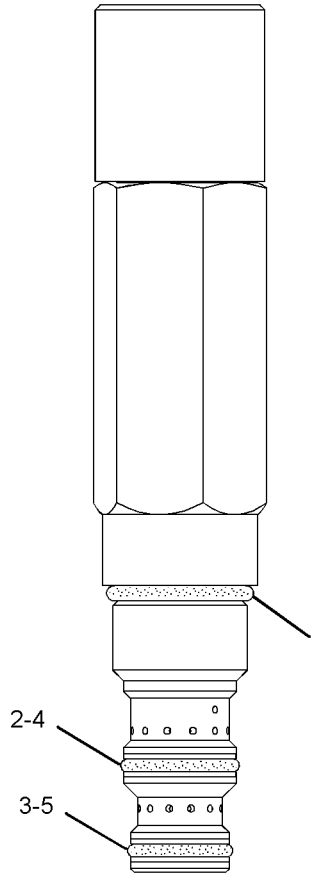
S/N: T4R1-UP

PART OF 337-8683 MANIFOLD GP-CONTROL

SMCS-5467

i04169660

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	161-6149	1	SEAL-O-RING						
	3	1	095-1750	1	SEAL-O-RING						
	4	1	161-6161	2	RING-BACKUP						
	5	1	187-0541	2	RING-BACKUP						



GRAPHIC #1

<END>

g02371856

HYDRAULIC SYSTEM

193-3182 VALVE GP-PUMP CONTROL- PRESSURE, FLOW COMPENSATOR S/N: T4R1-UP PART OF 187-9090 PUMP GP-PISTON

SMCS-5455

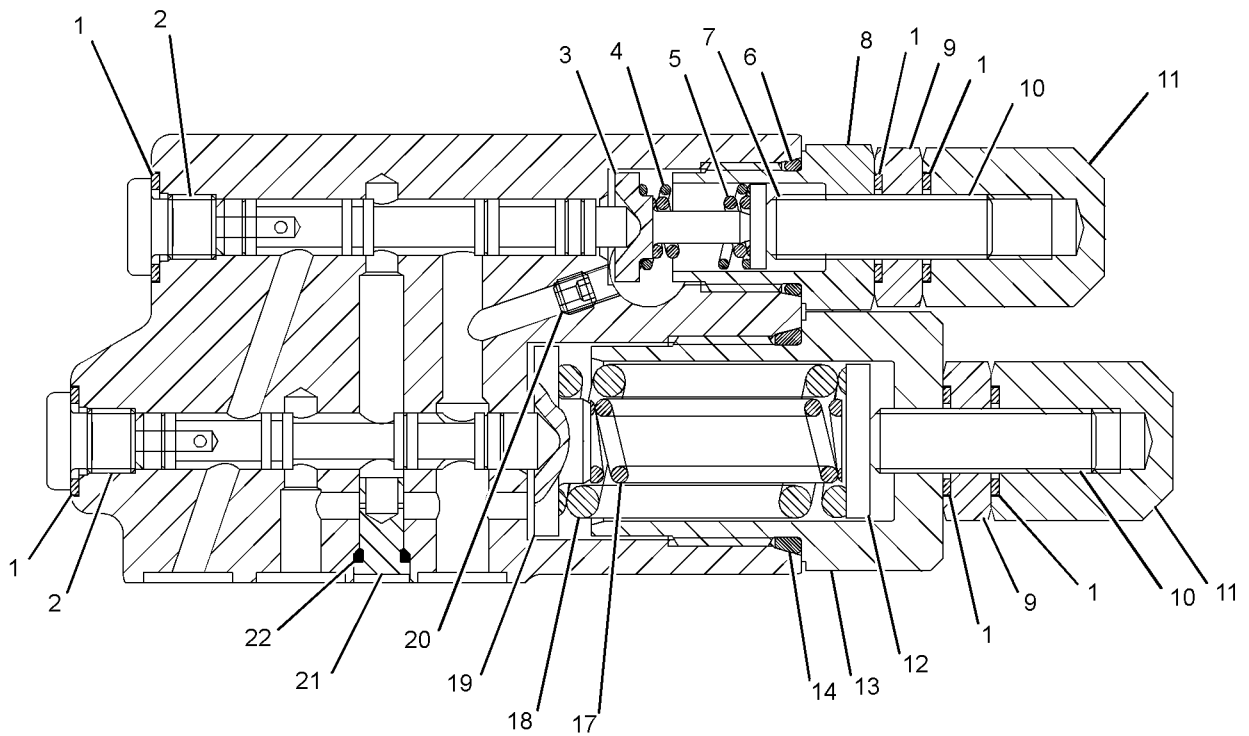
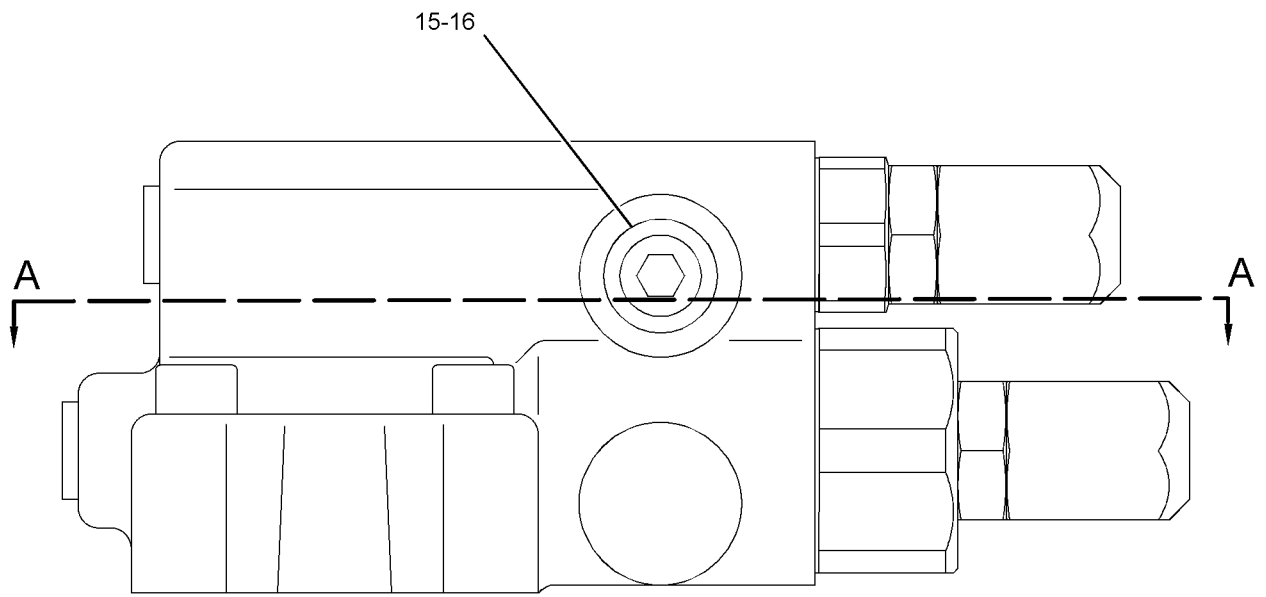
i03641728

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6E-6528	6	SEAL						
	2	1	6E-6527	2	PLUG						
	3	1	6E-3268	1	RETAINER-SPRING						
	4	1	6E-3275	1	SPRING						
	5	1	6E-3274	1	SPRING						
	6	1	033-6043	1	SEAL-O-RING						
	7	1	6E-3272	1	SEAT						
	8	1	6E-6540	1	PLUG						
M	9	1	6E-6538	2	NUT-ADJUSTMENT (M8X1-THD)						
M	10	1	6E-6537	2	SCREW-ADJUSTMENT (M8X1X28-MM)						
M	11	1	6E-6539	2	NUT-CAP (M8X1-THD)						
	12	1	6E-3273	1	SEAT						
	13	1	6E-6536	1	PLUG						
	14	1	6V-8352	1	SEAL-O-RING						
	15	1	9S-8002	2	PLUG-O-RING						
	16	1	3J-7354	2	SEAL-O-RING						
	17	1	193-1036	1	SPRING						
	18	1	6E-3276	1	SPRING						
	19	1	6E-3269	1	RETAINER-SPRING						
	20	1	6E-6545	1	PLUG						
	21	1	105-2145	1	VALVE-ORIFICE (HYDRAULIC OIL CHECK)						
	22	1	5P-9262	1	SEAL-O-RING						
M-METRIC PART											

HYDRAULIC SYSTEM

193-3182 VALVE GP-PUMP CONTROL (contd.)

i03641728



SECTION A-A

GRAPHIC #1

<END>

g01218189

HYDRAULIC SYSTEM

251-8330 VALVE GP-RELIEF-BRAKE ACCUMULATOR

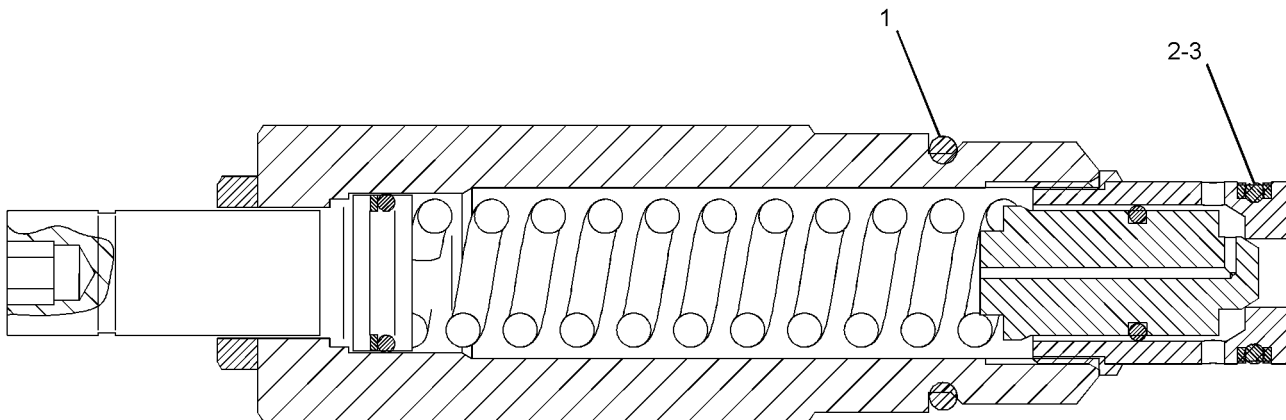
S/N: T4R1-UP

PART OF 337-8683 MANIFOLD GP-CONTROL

SMCS-5069, 5117

i04282269

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
J	1	1	2M-9780	1	SEAL-O-RING						
J	2	1	161-6149	1	SEAL-O-RING						
J	3	1	161-6161	2	RING-BACKUP						
AVAILABLE REPAIR KIT(S):											
J			133-5545	1	KIT-SEAL (RELIEF VALVE)						
J-KIT MARKED J SERVICES PART(S) MARKED J											



GRAPHIC #1

<END>

g01113664

HYDRAULIC SYSTEM

211-2092 VALVE GP-SOLENOID-HYDRAULIC FAN

S/N: T4R1-UP

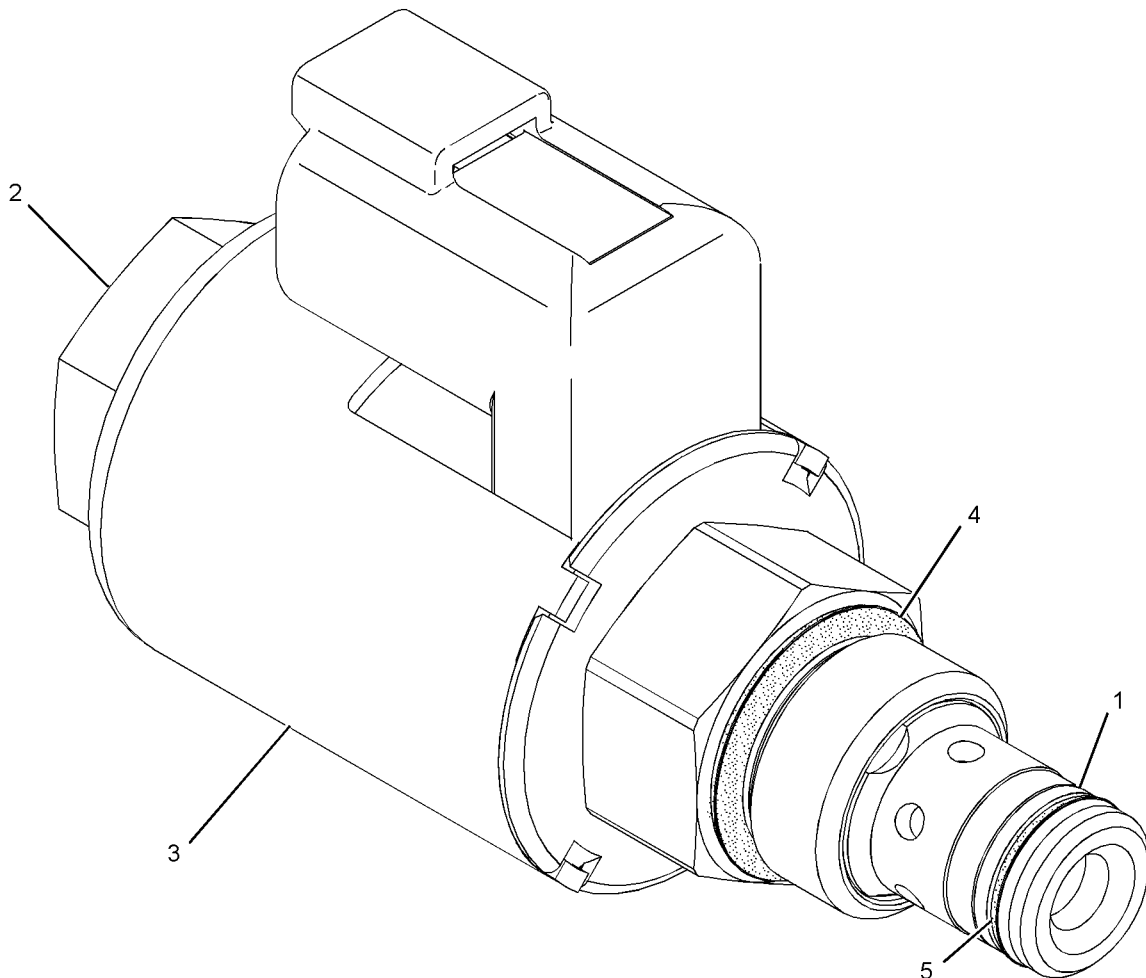
24-VOLT

PART OF 347-0556 VALVE GP-CONTROL

SMCS-5479

i04282254

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	123-3132	1	RING-BACKUP						
	2	1	211-2093	1	NUT (9/16-24)						
	3	1	230-0913	1	COIL AS						
	4	1	033-6028	1	SEAL-O-RING						
	5	1	8L-2779	1	SEAL-O-RING						



GRAPHIC #1

<END>

g02449556

SUSPENSION SYSTEM

228-2758 CYLINDER GP-SUSPENSION

S/N: T4R1-UP

150-MM (5.91-IN) BORE X 152-MM (5.98-IN) STROKE

PART OF 328-3989 CYLINDER GP-SUSPENSION

SMCS-7201

i03619740

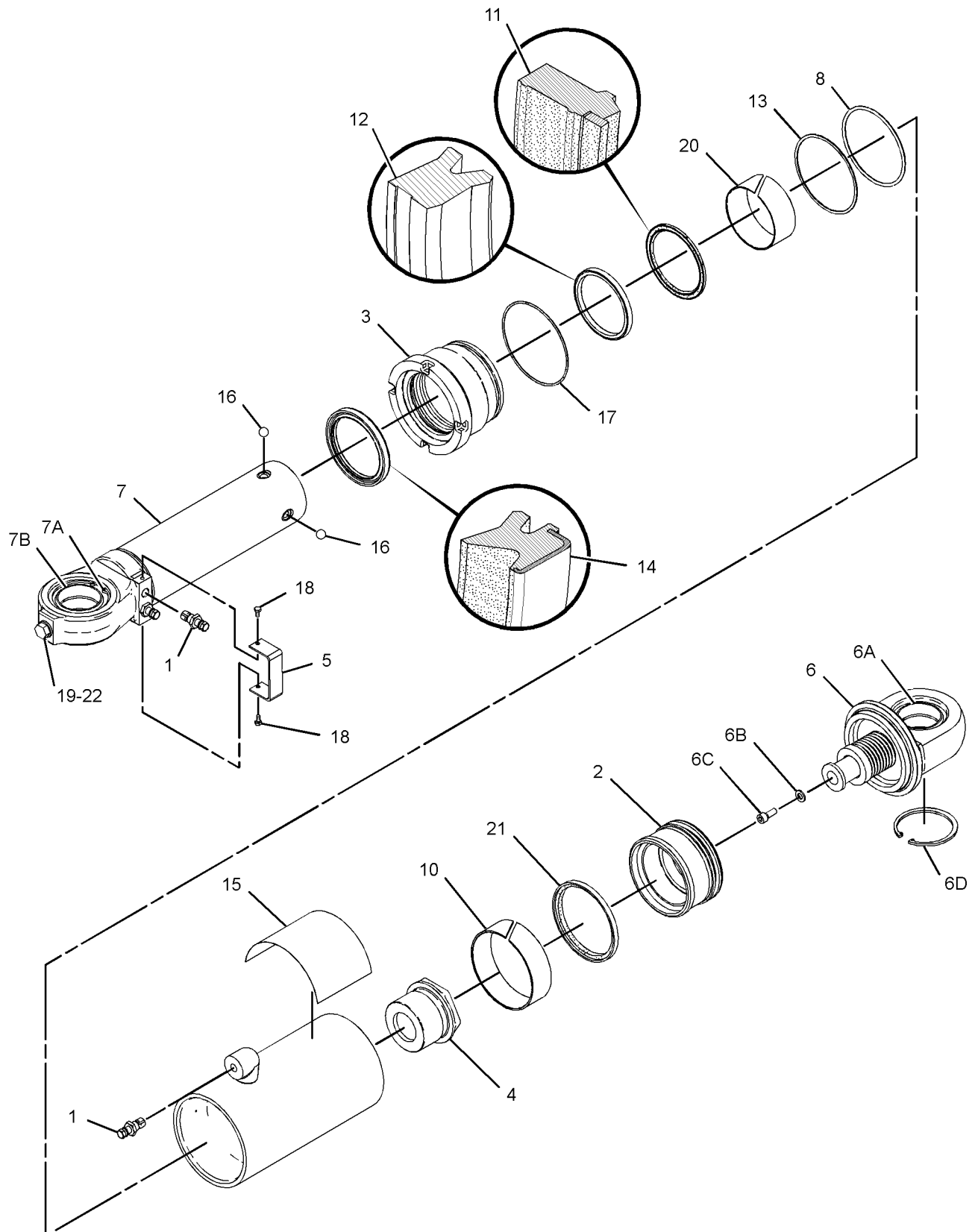
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	1	1	238-9928	3	VALVE AS (HYDRAULIC CYLINDER)						
					(EACH INCLUDES)						
		1	239-5305	1	CORE-VALVE						
		1	239-5304	1	CAP						
		1	242-4313	1	SEAL-O-RING						
	2	1	200-4290	1	PISTON						
	3	1	200-4291	1	HEAD						
	4	1	201-1311	1	RETAINER						
C	5	1	266-5945	1	PLATE-COVER						
	6	1	235-3487	1	CYLINDER AS						
	6A	1	164-9309	1	BEARING						
	6B	1	6V-5839	1	WASHER (11X21X2.5-MM THK)						
M	6C	1	8T-1159	1	BOLT-SOCKET HEAD (M10X1.5X25-MM)						
	6D	1	8T-7567	1	RING						
	7	1	235-3491	1	ROD AS						
	7A	1	8T-7567	1	RING						
	7B	1	164-9309	1	BEARING						
	8	1	095-1633	1	SEAL-O-RING						
	10	1	116-3589	1	RING						
	11	1	295-1317	1	SEAL AS-BUFFER						
	12	1	295-1316	1	SEAL-U-CUP						
	13	1	198-2643	1	RING-BACKUP						
	14	1	295-1315	1	SEAL-WIPER						
C	15	1	268-6488	1	FILM-WARNING (HIGH PRESSURE CYLINDER)						
	16	1	4B-9786	2	BALL						
	17	1	8F-8733	1	SEAL-O-RING						
M	18	1	8T-4171	2	BOLT (M6X1X12-MM)						
M	19	1	8T-4190	1	BOLT (M16X2X25-MM)						
	20	1	9X-3579	1	RING-WEAR						
	21	1	9X-3601	1	SEAL AS						
	22	1	9X-8257	1	WASHER (17.5X30X3.5-MM THK)						

C-CHANGE FROM PREVIOUS TYPE
M-METRIC PART

SUSPENSION SYSTEM

228-2758 CYLINDER GP-SUSPENSION (contd.)

i03619740



GRAPHIC #1

<END>

g01948004

SUSPENSION SYSTEM

328-3989 CYLINDER GP-SUSPENSION

S/N: T4R1-UP

PART OF 291-8791 HYDRAULIC AR

SMCS-7201

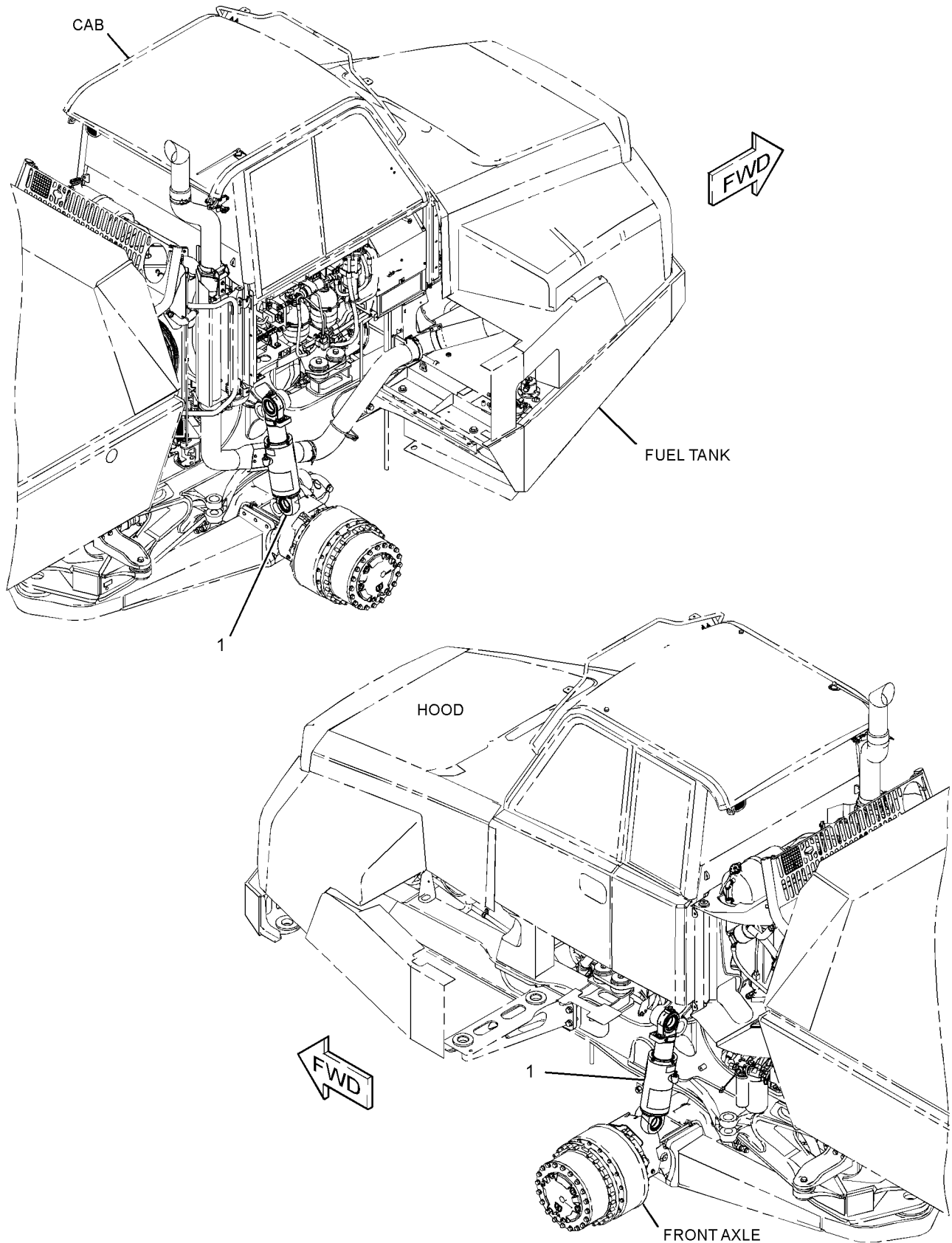
i04169629

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	228-2758	2	CYLINDER GP-SUSPENSION	684
Y-SEPARATE ILLUSTRATION						

SUSPENSION SYSTEM

328-3989 CYLINDER GP-SUSPENSION (contd.)

i04169629



GRAPHIC #1

<END>

g02391760

SUSPENSION SYSTEM

341-4124 CYLINDER GP-SUSPENSION-FRONT

S/N: T4R1-UP

150-MM (5.91-IN) BORE X 152-MM (5.98-IN) STROKE

PART OF 363-7824 CYLINDER GP-SUSPENSION

AN ATTACHMENT

SMCS-7201

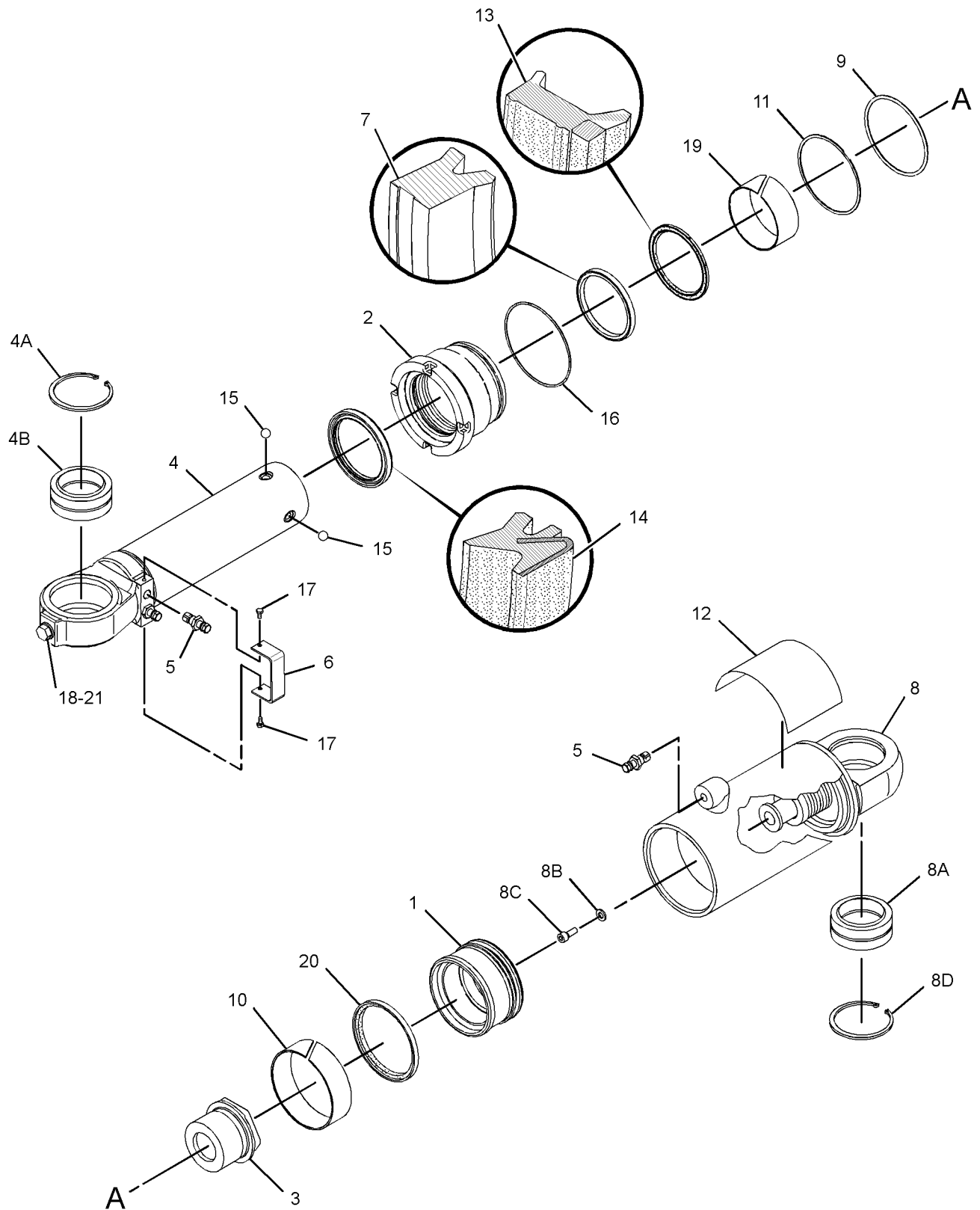
i04137909

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	200-4290	1	PISTON						
	2	1	200-4291	1	HEAD						
	3	1	201-1311	1	RETAINER						
	4	1	235-3491	1	ROD AS						
	4A	1	8T-7567	1	RING						
	4B	1	164-9309	1	BEARING						
	5	1	238-9928	3	VALVE AS (SUSPENSION CYLINDER CHARGING)						
					(EACH INCLUDES)						
		1	239-5304	1	CAP						
		1	239-5305	1	CORE-VALVE						
		1	242-4313	1	SEAL-O-RING						
	6	1	266-5945	1	PLATE-COVER						
	7	1	341-3191	1	SEAL-U-CUP						
	8	1	364-1372	1	CYLINDER AS						
	8A	1	164-9309	1	BEARING						
	8B	1	6V-5839	1	WASHER (11X21X2.5-MM THK)						
M	8C	1	8T-1159	1	BOLT-SOCKET HEAD (M10X1.5X25-MM)						
	8D	1	8T-7567	1	RING						
	9	1	095-1633	1	SEAL-O-RING						
	10	1	116-3589	1	RING						
	11	1	198-2643	1	RING-BACKUP						
	12	1	268-6488	1	FILM-WARNING (HIGH PRESSURE CYLINDER)						
	13	1	335-8964	1	SEAL AS-BUFFER						
	14	1	335-8966	1	SEAL-WIPER						
	15	1	4B-9786	2	BALL						
	16	1	8F-8733	1	SEAL-O-RING						
M	17	1	8T-4171	2	BOLT (M6X1X12-MM)						
M	18	1	8T-4190	1	BOLT (M16X2X25-MM)						
	19	1	9X-3579	1	RING-WEAR						
	20	1	9X-3601	1	SEAL AS						
	21	1	9X-8257	1	WASHER (17.5X30X3.5-MM THK)						
M-METRIC PART											

SUSPENSION SYSTEM

341-4124 CYLINDER GP-SUSPENSION (contd.)

i04137909



GRAPHIC #1

<END>

g02348156

SUSPENSION SYSTEM

363-7824 CYLINDER GP-SUSPENSION

S/N: T4R1-UP
AN ATTACHMENT

SMCS-7201

i04139509

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	341-4124	2	CYLINDER GP-SUSPENSION (FRONT)						688
Y-SEPARATE ILLUSTRATION									

<END>

SUSPENSION SYSTEM

141-6859 FRAME GP-CENTER SUSPENSION

S/N: T4R1-UP

PART OF 330-9006 CHASSIS AR

SMCS-7050, 7203

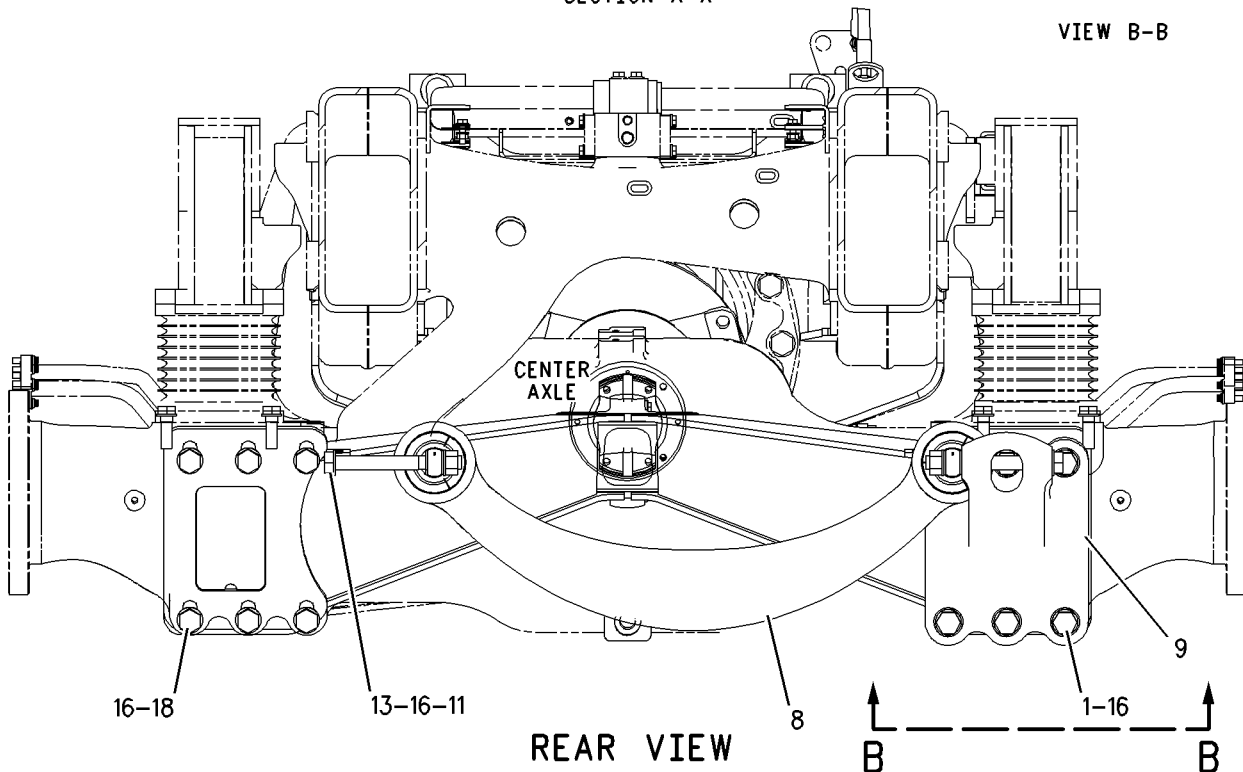
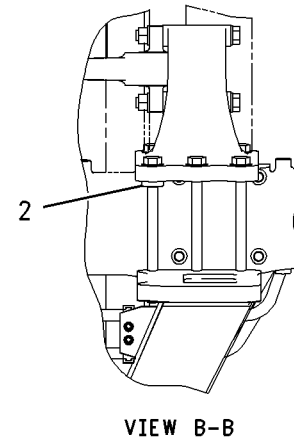
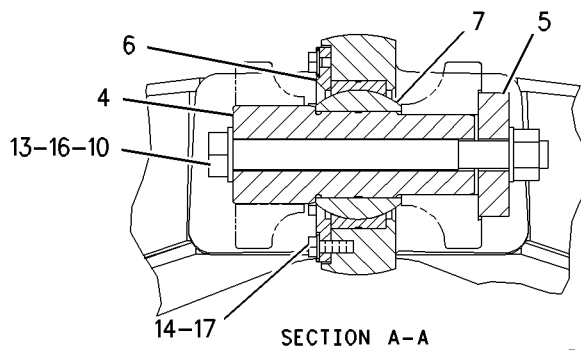
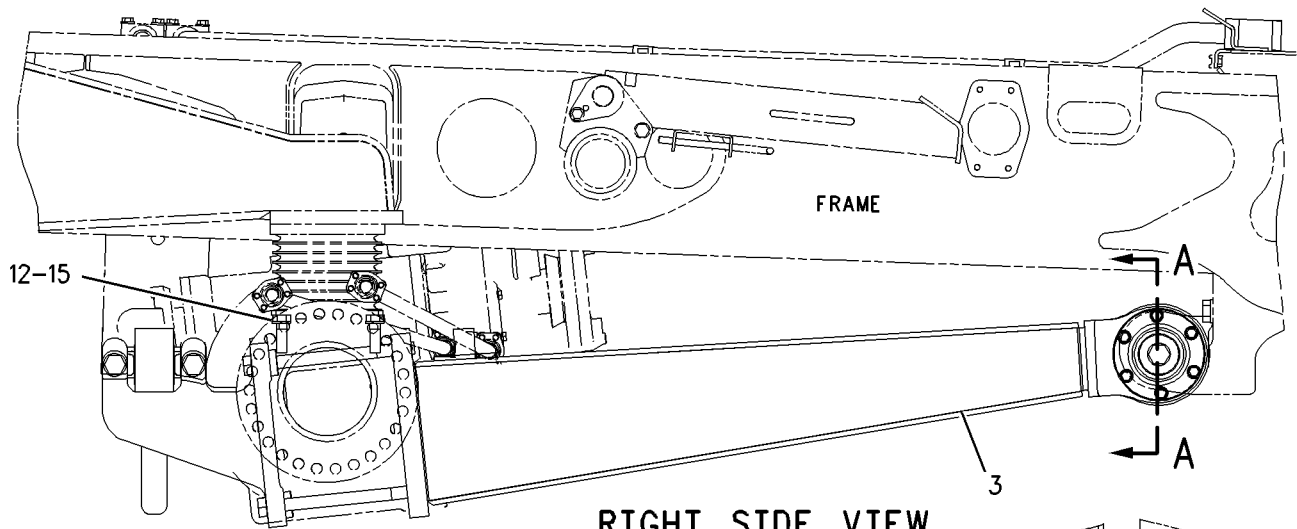
i03820090

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	231-7071	6	BOLT (M24X3X315-MM)	
	2	1	124-5529	2	DOWEL	
	3	1	141-6897	1	FRAME AS	
		1	173-4315	2	BOSS	
	4	1	155-0195	1	PIN	
	5	1	155-0198	1	WASHER (26X100X25-MM THK)	
	6	1	155-0385	1	RING-CLAMP	
	7	1	155-3537	1	BEARING	
	8	1	353-2231	1	ROD AS	
		1	351-8204	2	BUSHING	
		1	196-8503	1	ROD	
	9	1	180-8517	1	BRACKET-STABILIZER	
M	10	1	8T-0367	1	BOLT (M24X3X260-MM)	
M	11	1	8T-0364	4	BOLT (M24X3X220-MM)	
M	12	1	7X-2563	8	BOLT (M20X2.5X60-MM)	
M	13	1	7X-0851	5	NUT (M24X3-THD)	
	14	1	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)	
	15	1	8T-4123	8	WASHER (22X35X3.5-MM THK)	
	16	1	6V-8237	22	WASHER (26X44X4-MM THK)	
M	17	1	8T-4195	6	BOLT (M10X1.5X30-MM)	
M	18	1	8T-5397	6	BOLT (M24X3X280-MM)	
M-METRIC PART						

SUSPENSION SYSTEM

141-6859 FRAME GP-CENTER SUSPENSION (contd.)

i03820090



GRAPHIC #1

<END>

g00764587

SUSPENSION SYSTEM

339-7710 FRAME GP-FRONT SUSPENSION

S/N: T4R1-UP

PART OF 330-9006 CHASSIS AR

SMCS-7050, 7203

i03825010

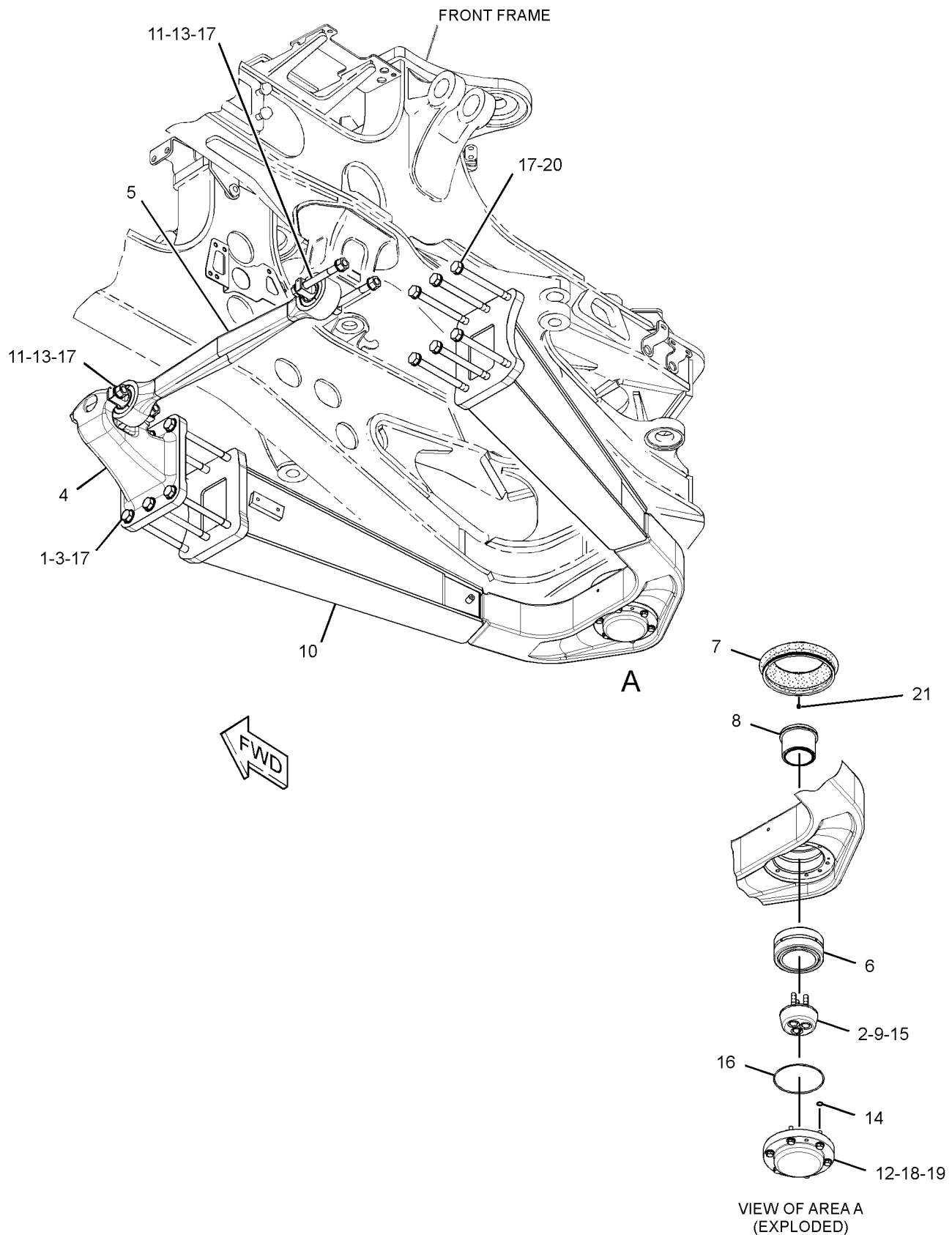
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	231-7071	6	BOLT (M24X3X315-MM)						
M	2	1	8T-0298	3	BOLT (M14X2X100-MM)						
	3	1	124-5529	2	DOWEL						
	4	1	159-1076	1	BRACKET						
	5	1	353-2230	1	ROD AS						
		1	351-8204	2	BUSHING						
		1	178-3313	1	ROD						
	6	1	301-6946	1	BEARING						
	7	1	343-2873	1	SEAL-BELLOWS						
	8	1	301-6948	1	BUSHING-TAPERED						
	9	1	301-6950	1	WASHER-SPECIAL						
	10	1	338-9368	1	FRAME AS-SUSPENSION						
M	11	1	8T-0364	4	BOLT (M24X3X220-MM)						
	12	1	340-4138	1	COLLAR AS						
M	13	1	7X-0851	4	NUT (M24X3-THD)						
	14	1	3P-0647	1	SEAL-O-RING						
	15	1	5P-8246	3	WASHER-HARD (15.5X29X3-MM THK)						
	16	1	6J-5541	1	SEAL-O-RING						
	17	1	6V-8237	20	WASHER (26X44X4-MM THK)						
M	18	1	8T-4194	6	BOLT (M12X1.75X50-MM)						
	19	1	8T-4223	6	WASHER-HARD (13.5X25.5X3-MM THK)						
M	20	1	8T-5397	6	BOLT (M24X3X280-MM)						
	21	1	5U-7151	1	CAP-GREASE						

M-METRIC PART

SUSPENSION SYSTEM

339-7710 FRAME GP-FRONT SUSPENSION (contd.)

i03825010



GRAPHIC #1

<END>

g01833136

SUSPENSION SYSTEM

178-3852 FRAME GP-REAR SUSPENSION

S/N: T4R1-UP

PART OF 330-9006 CHASSIS AR

SMCS-7050, 7203

i03821569

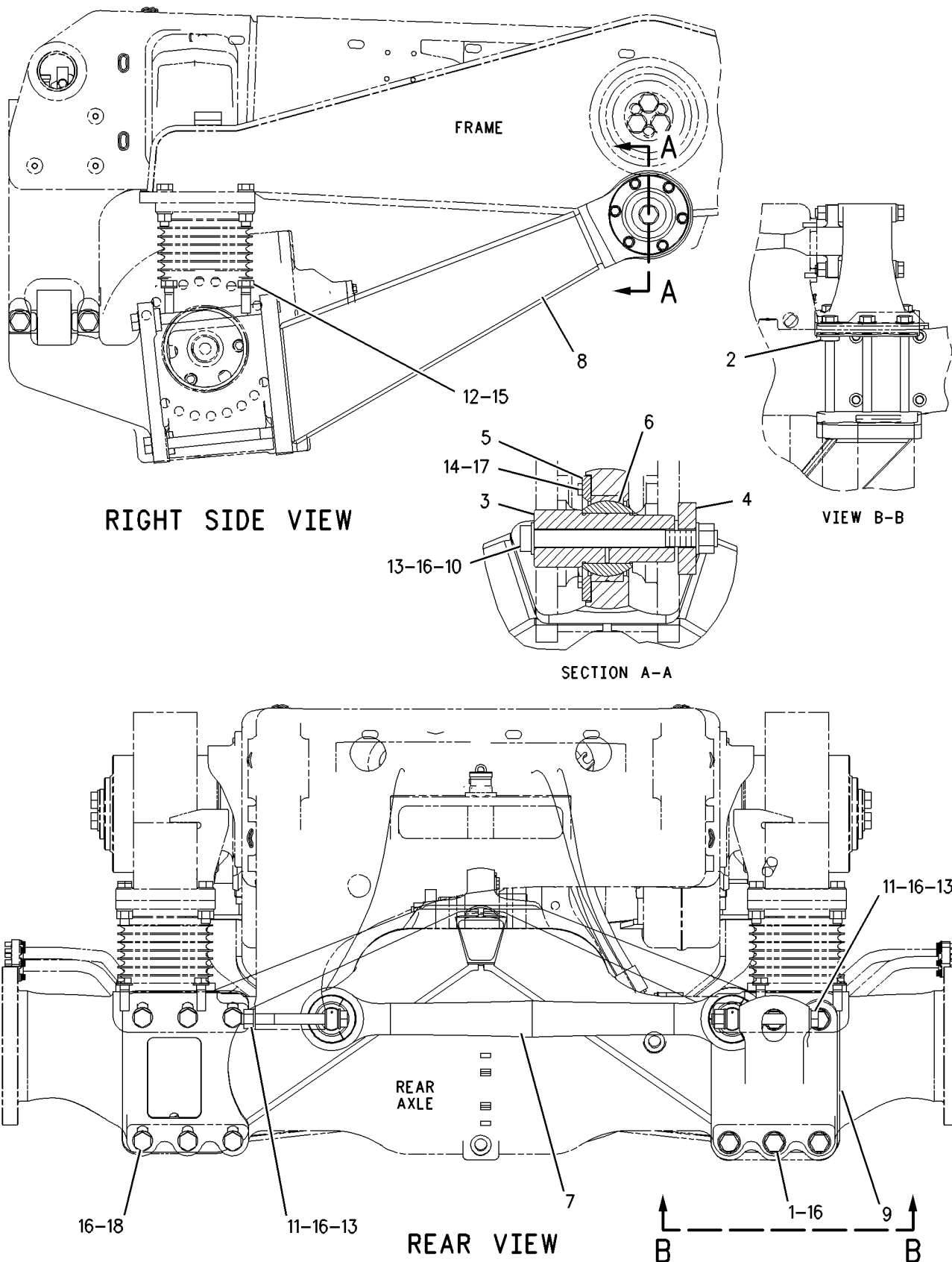
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	231-7071	6	BOLT (M24X3X315-MM)						
	2	1	124-5529	2	DOWEL						
	3	1	155-0195	1	PIN						
	4	1	155-0198	1	WASHER (26X100X25-MM THK)						
	5	1	155-0385	1	RING-CLAMP						
	6	1	155-3537	1	BEARING						
	7	1	353-2230	1	ROD AS						
		1	351-8204	2	BUSHING						
		1	178-3313	1	ROD						
	8	1	178-9223	1	FRAME AS						
	9	1	180-8517	1	BRACKET-STABILIZER						
M	10	1	8T-0367	1	BOLT (M24X3X260-MM)						
M	11	1	8T-0364	4	BOLT (M24X3X220-MM)						
M	12	1	7X-2563	8	BOLT (M20X2.5X60-MM)						
M	13	1	7X-0851	5	NUT (M24X3-THD)						
	14	1	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)						
	15	1	8T-4123	8	WASHER (22X35X3.5-MM THK)						
	16	1	6V-8237	22	WASHER (26X44X4-MM THK)						
M	17	1	8T-4195	6	BOLT (M10X1.5X30-MM)						
M	18	1	8T-5397	6	BOLT (M24X3X280-MM)						

M-METRIC PART

SUSPENSION SYSTEM

178-3852 FRAME GP-REAR SUSPENSION (contd.)

i03821569



GRAPHIC #1

<END>

g00764557

SUSPENSION SYSTEM

138-7962 SUSPENSION GP-REAR EQUALIZER

S/N: T4R1-UP

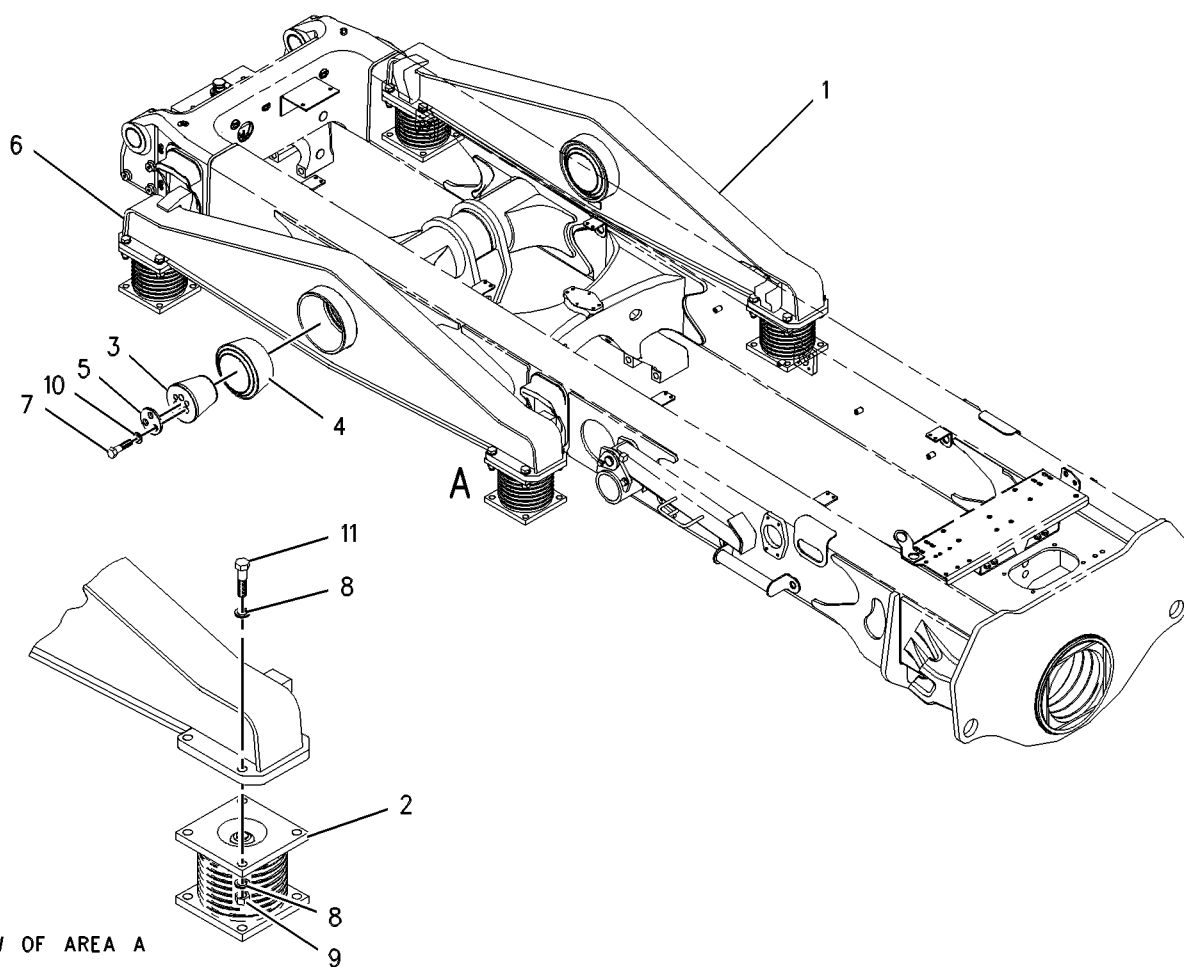
PART OF 330-9006 CHASSIS AR

SMCS-7203, 7207

i02753364

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	138-9223	1	ARM AS (LH)						
	2	1	211-4987	4	MOUNT AS						
	3	1	138-9226	2	CAP-END						
	4	1	138-9231	4	BUSHING						
C	5	1	305-8907	2	WASHER						
	6	1	148-3665	1	ARM AS (RH)						
CM	7	1	8T-0667	6	BOLT (M24X3X100-MM)						
	8	1	8T-4123	32	WASHER (22X35X3.5-MM THK)						
M	9	1	8T-4131	16	NUT (M20X2.5-THD)						
C	10	1	198-4771	6	WASHER-HARD (26X47X12-MM THK)						
M	11	1	8T-4187	16	BOLT (M20X2.5X80-MM)						

C-CHANGE FROM PREVIOUS TYPE
M-METRIC PART



GRAPHIC #1

<END>

g00580380

OPERATOR STATION

347-8750 ADJUSTER GP-SEAT

S/N: T4R1-UP

PART OF 347-8766, 347-8767 SEAT GP-SUSPENSION
ALSO AN ATTACHMENT

SMCS-7321

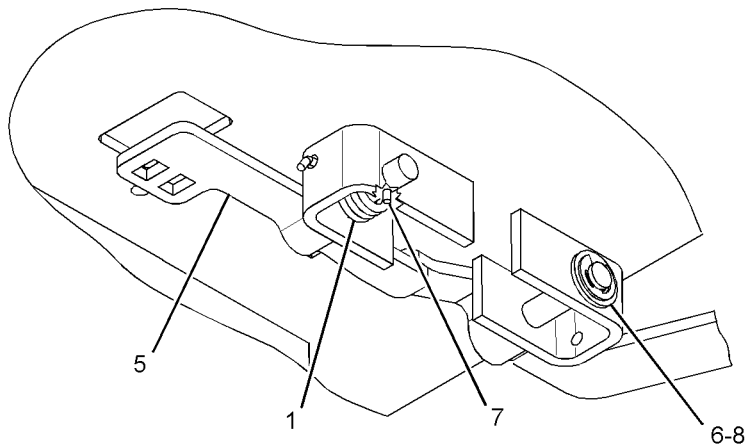
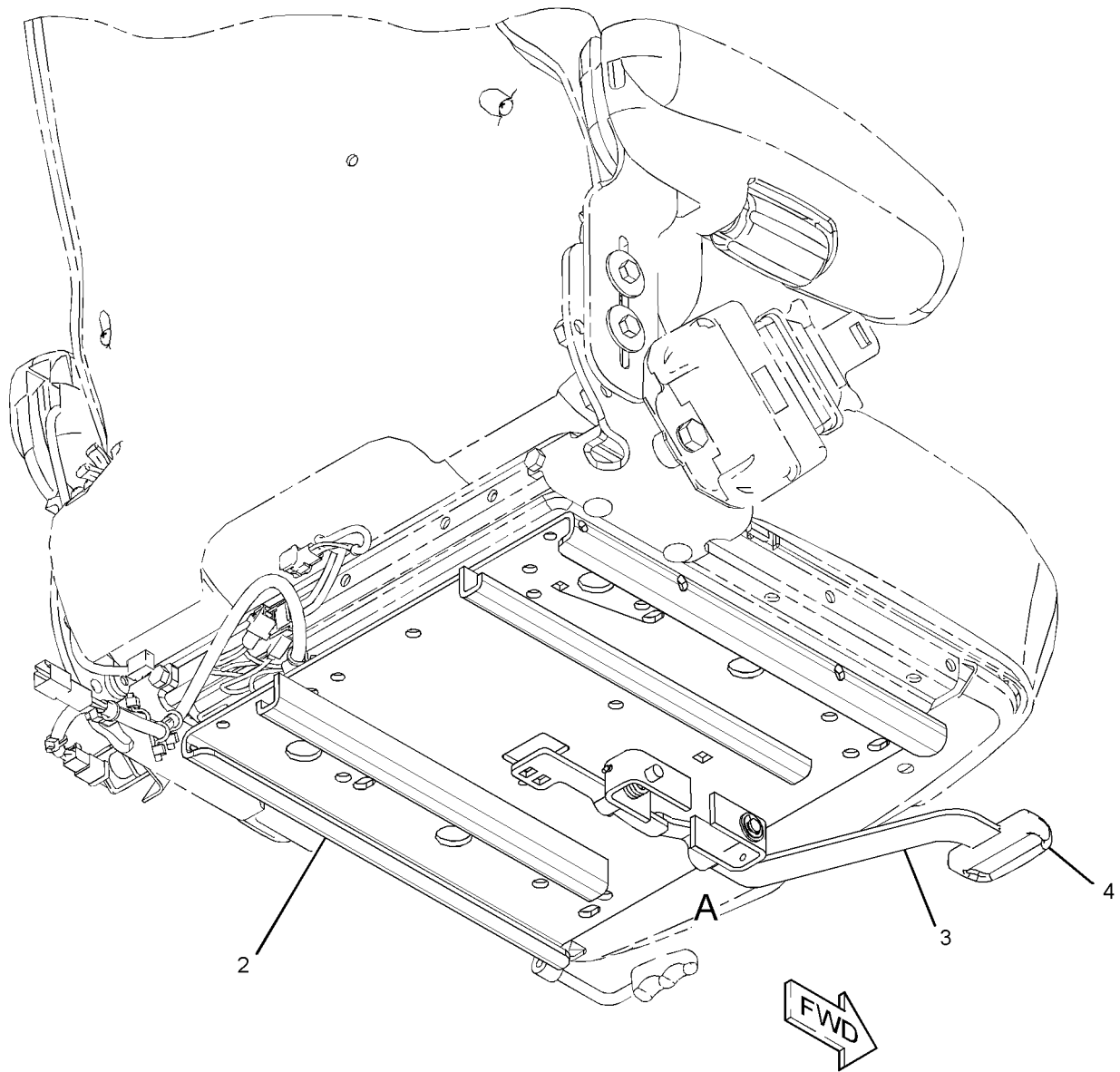
i04171569

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	322-9492	1	SPRING						
	2	1	347-8751	1	PLATE AS						
	3	1	347-8755	1	LEVER AS						
	4	1	347-8756	1	HANDLE						
	5	1	347-8759	1	LATCH AS						
	6	1	153-0088	1	WASHER-HARD (10.31X20X1.65-MM THK)						
	7	1	5H-9839	1	PIN-SPRING						
	8	1	8S-7803	1	RING-RETAINING						

OPERATOR STATION

347-8750 ADJUSTER GP-SEAT (contd.)

i04171569



VIEW OF AREA A

GRAPHIC #1

<END>

g02405219

OPERATOR STATION

214-0783 AIR COMPRESSOR GP-SEAT-HEAVY-DUTY

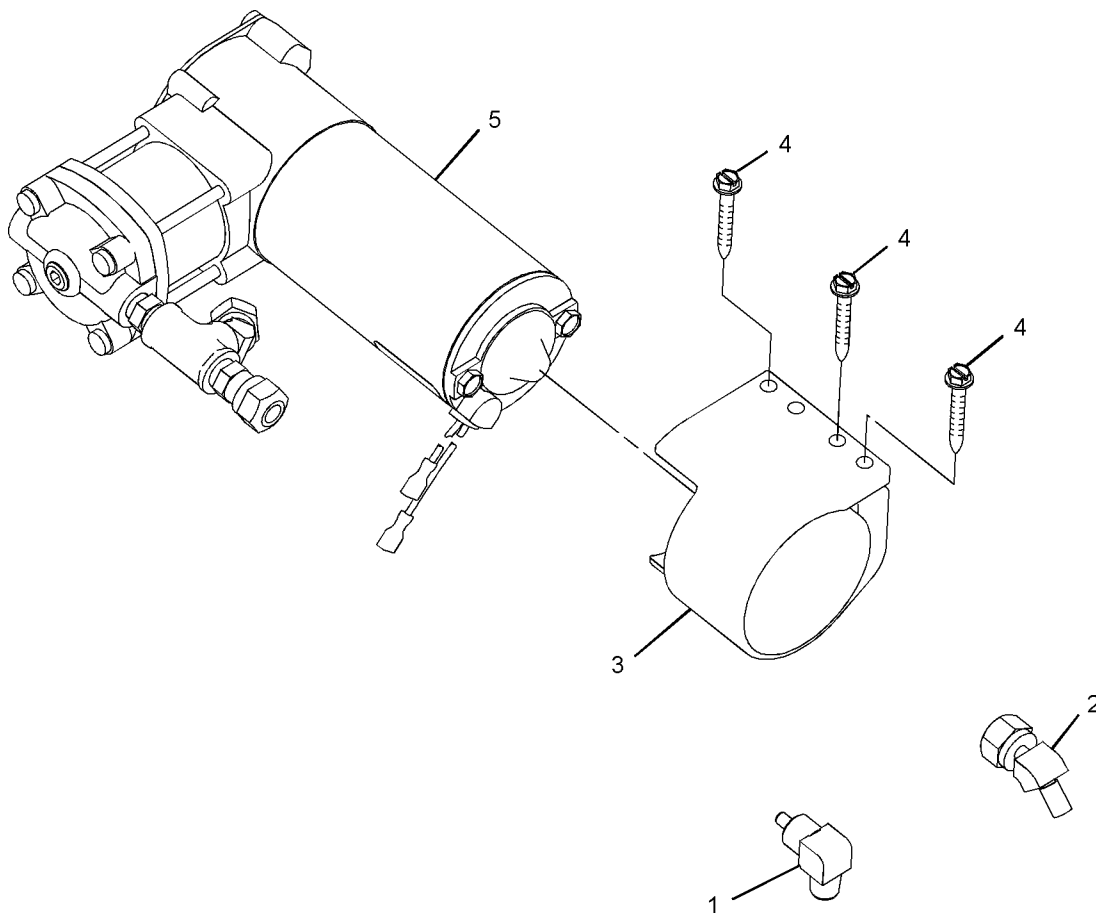
S/N: T4R1-UP

FIELD REPLACEMENT FOR 237-3970-PAGE 701

SMCS-731S, 7324

i02638502

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-4423	1	ELBOW						
	2	1	5P-4432	1	ELBOW-AIR BRAKE						
	3	1	175-5058	1	MOUNT						
	4	1	186-5107	3	SCREW-DRIVE (NO 8-16X1.25-IN)						
	5	1	214-0784	1	COMPRESSOR AS						



GRAPHIC #1

<END>

g01040572

OPERATOR STATION

237-3970 AIR COMPRESSOR GP-SEAT

S/N: T4R1-UP

FOR OPTIONAL FIELD REPLACEMENT ORDER 211-5358 CONDUIT (100-CM), 5P-6010 TUBE (1-M), PROVIDES HEAVY DUTY SEAT COMPRESSOR

PART OF 347-8771 SUSPENSION GP-SEAT

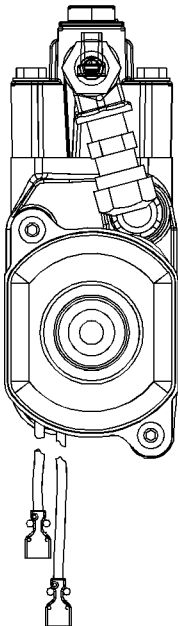
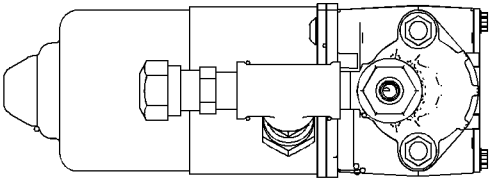
OPTIONAL FIELD REPLACEMENT ORDER 214-0783-PAGE 700

ALSO AN ATTACHMENT

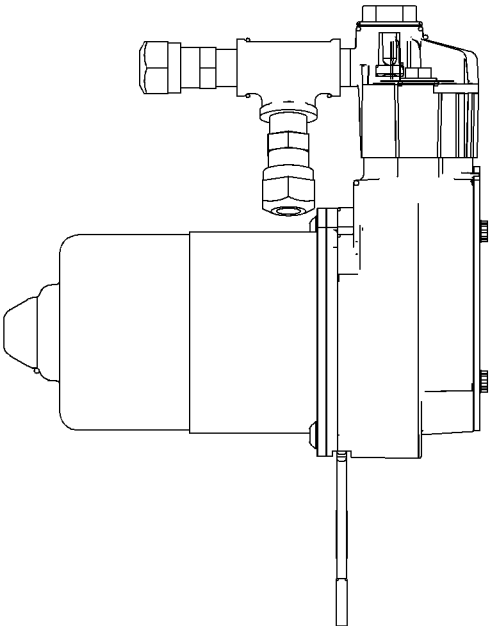
SMCS-731S, 7324

i02012095

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>

g01040576

OPERATOR STATION

324-7021 AIR CONDITIONER & MOUNTING GP

S/N: T4R1-UP

PART OF 324-7002 CAB AR

SMCS-7320

i04171148

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	104-5604	4	WASHER (7.2X25X2-MM THK)						
	2	1	164-8474	1	LOUVER AS-VENT						
	3	1	170-5337	1	GASKET						
	4	1	170-5338	2	GASKET						
	5	1	170-5341	1	GASKET						
	6	1	170-5342	1	COVER						
	7	1	171-4047	1	LOUVER AS-VENT						
M	8	1	175-7141	6	NUT-HEX FLANGE (M10X1.5-THD)						
	9	1	185-9464	3	LATCH AS (COMPARTMENT)						
	10	1	268-6704	1	FILTER ELEMENT-CAB AIR (AIR CONDITIONER)						
	11	1	272-0216	1	BRACKET AS						
	12	1	327-0282	1	SEAL-INTEGRAL						
	13	1	327-0283	1	SEAL-INTEGRAL						
Y	14	1	329-8940	1	AIR CONDITIONER GP						704
	15	1	340-7390	1	DUCT						
	16	1	340-7391	1	DUCT						
	17	1	344-2595	2	GASKET						
	18	1	344-2596	2	GASKET						
	19	1	118-5619	2	SCREW-FLAT HEAD (6-20X1-IN)						
M	20	1	6V-7357	2	BOLT (M6X1X25-MM)						
M	21	1	7X-2533	2	BOLT (M6X1X35-MM)						
M	22	1	7X-2619	2	BOLT (M6X1X10-MM)						
M	23	1	8T-7004	6	STUD-TAPERLOCK (M10X1.5X35-MM)						
M	24	1	9X-2044	4	SCREW-TRUSS HEAD (M6X1X16-MM)						
	25	1	9X-8256	2	WASHER (6.6X12X2-MM THK)						

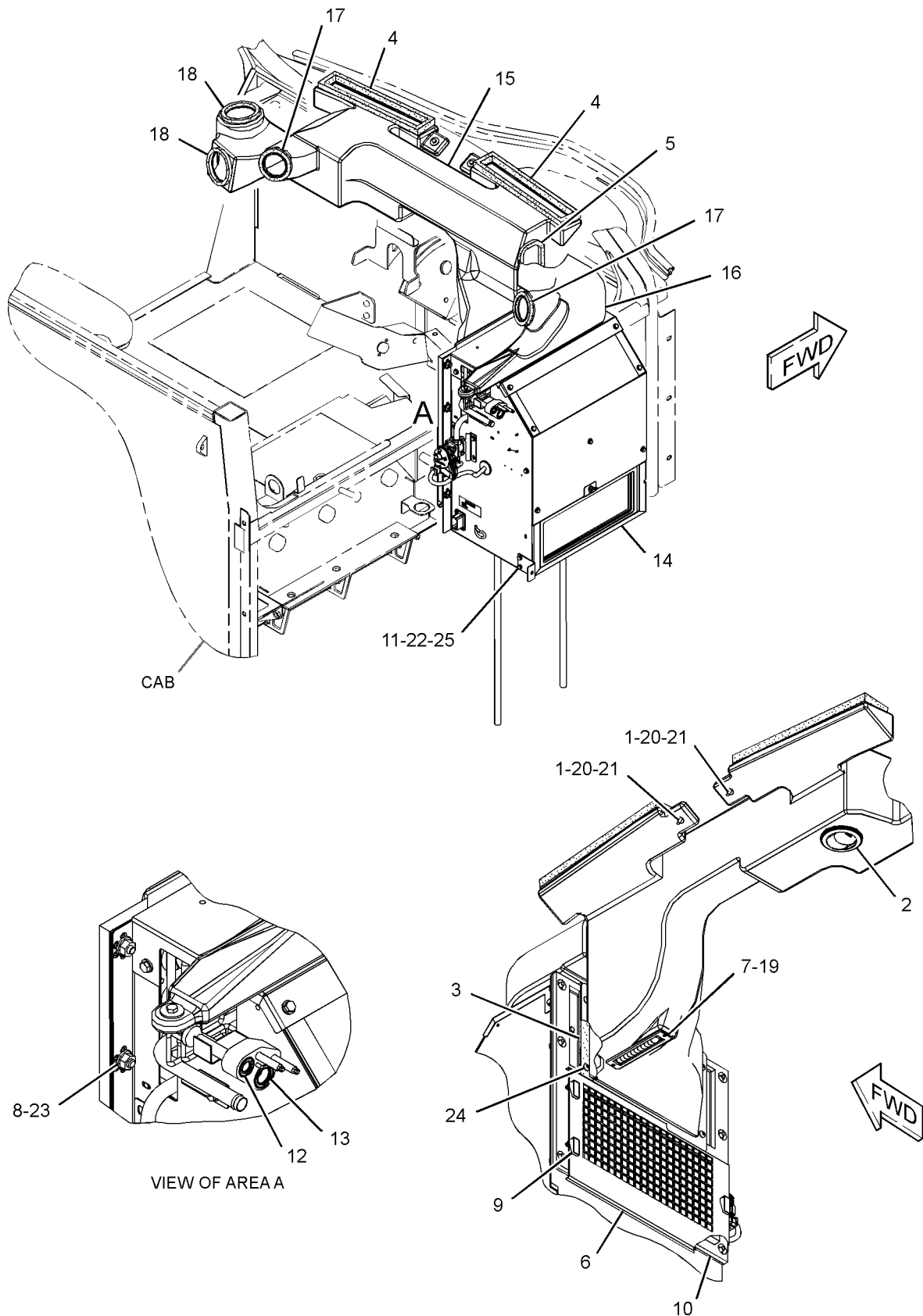
M-METRIC PART

Y-SEPARATE ILLUSTRATION

OPERATOR STATION

324-7021 AIR CONDITIONER & MOUNTING GP (contd.)

i04171148



GRAPHIC #1

<END>

g02403837

OPERATOR STATION

329-8940 AIR CONDITIONER GP

S/N: T4R1-UP

PART OF 324-7021 AIR CONDITIONER & MOUNTING GP

SMCS-7320

i04171475

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	3E-5464	1	THERMOSTAT (HVAC)	
	2	1	8C-3756	1	FILM-IDENTIFICATION (GROUP NO., SEQUENCE NO.) (AIR CONDITIONER)	
	3	2	134-3518	2	TIE-PUSH MOUNT	
	4	2	153-6932	1	GASKET	
	5	2	247-8302	8	RIVET	
	6	2	257-5029	1	RESISTOR AS	
	7	1	259-3222	1	FILTER ELEMENT-AIR (CAB HEATER, AIR CONDITIONER)	
Y	8	1	275-6658	1	PAN GP-DRAIN (AIR CONDITIONER)	741
	15	1	275-6702	1	PLATE AS	
	17	2	275-6706	1	MOTOR AS-BLOWER (24-VOLT) (HEATER, A/C)	
		2	102-8802	1	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
		2	9W-0852	2	PIN-CONNECTOR (14-GA TO 16-GA)	
	18	1	275-6708	1	PLATE	
	19	1	275-6709	1	PLATE	
	20	1	275-6710	1	RETAINER	
	21	2	292-2905	1	PLATE AS	
M		2	6V-9632	3	NUT-WELD (M6X1-THD)	
M		2	9X-2032	8	NUT-WELD (M4X0.7-THD)	
	23	1	342-8130	1	CASE AS	
M		1	6V-9632	17	NUT-WELD (M6X1-THD)	
		1	7T-1099	4	LINK	
M		1	8T-3490	5	NUT-WELD (M10X1.5-THD)	
M		1	165-8718	4	NUT-WELD (M4X0.7-THD)	
	24	1	352-2194	1	HARNESS AS-MOTOR (AIR CONDITIONER)	
		1	9V-2818	1	GROMMET	
		1	2U-4729	1	GROMMET-BLIND	
		1	8T-8729	7	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	9W-0852	3	PIN-CONNECTOR (14-GA TO 16-GA)	
		1	155-2270	1	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	3	PLUG-SEAL	
		1	166-5229	1	KIT-RECEPTACLE (12-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
		1	9W-0844	2	SOCKET-CONNECTOR (14-GA TO 16-GA)	
		1	9X-3402	3	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		1	065-5071	4	TERMINAL-BLADE (14-GA TO 16-GA)	
		1	6T-6506	2	TERMINAL-BLADE (14-GA TO 18-GA)	
E		1	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (13-CM)	
E		1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (5-CM)	
M	25	1	096-4034	1	BOLT-WING (M6X1X15-MM)	
	26	1, 2	096-6166	12	WASHER-HARD (4.5X9X1-MM THK)	
Y	27	1	351-1770	1	COIL GP-HEATER	712
	28	2	3B-4501	2	LOCKWASHER	
M	29	1, 2	5C-9553	21	BOLT (M6X1X16-MM)	
	30	2	8C-8514	2	SCREW-MACHINE (8-32X0.375-IN)	
M	31	1, 2	8T-0337	12	SCREW-MACHINE (M4X0.7X12-MM)	
	32	1, 2	8T-4205	22	WASHER-HARD (7.2X14.5X2-MM THK)	
					AVAILABLE REPAIR KIT(S):	
			294-8679	1	KIT-GASKET (AIR CONDITIONER) (INCLUDES GASKETS)	

OPERATOR STATION

329-8940 AIR CONDITIONER GP (contd.)

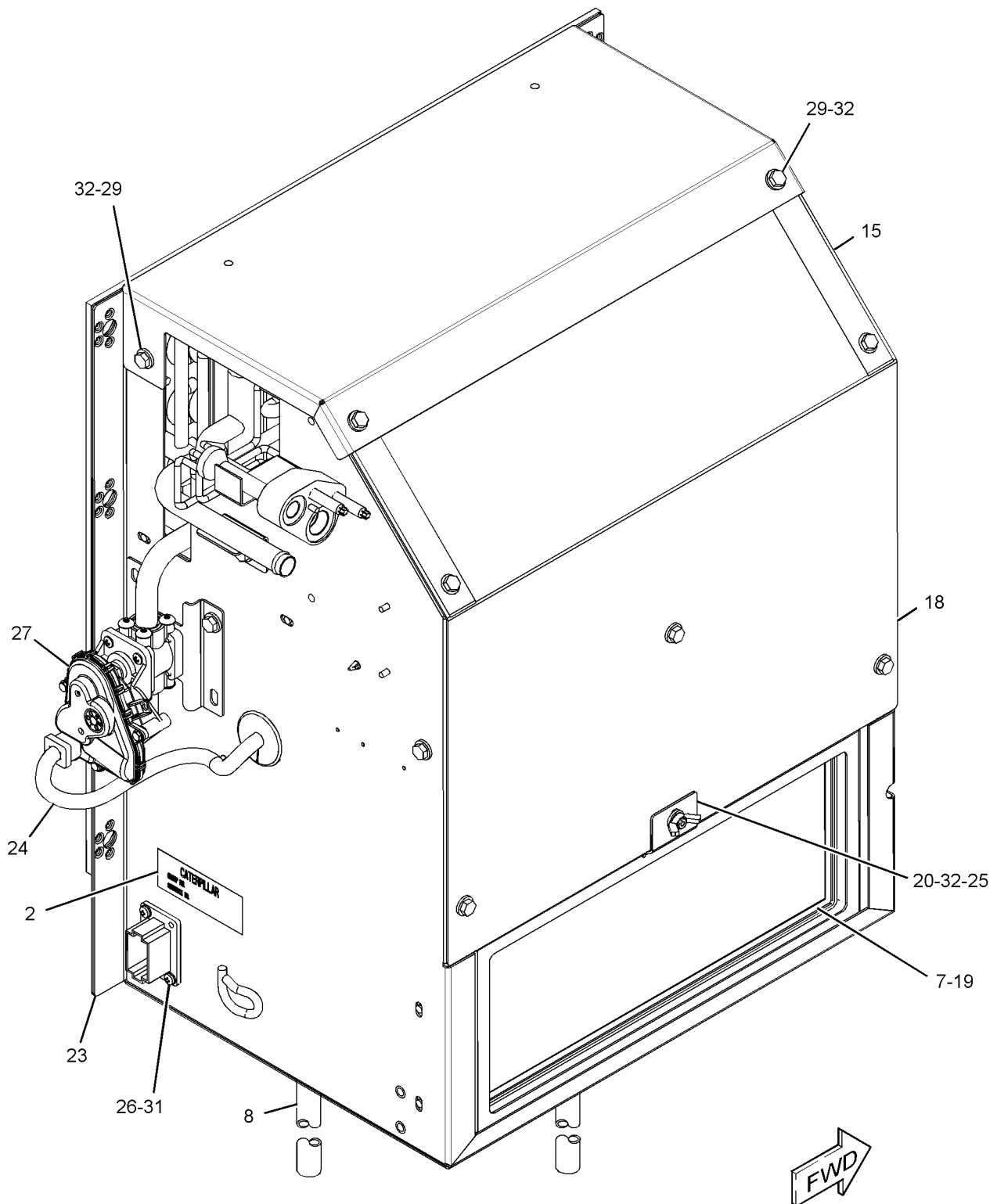
i04171475

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

OPERATOR STATION

329-8940 AIR CONDITIONER GP (contd.)

i04171475



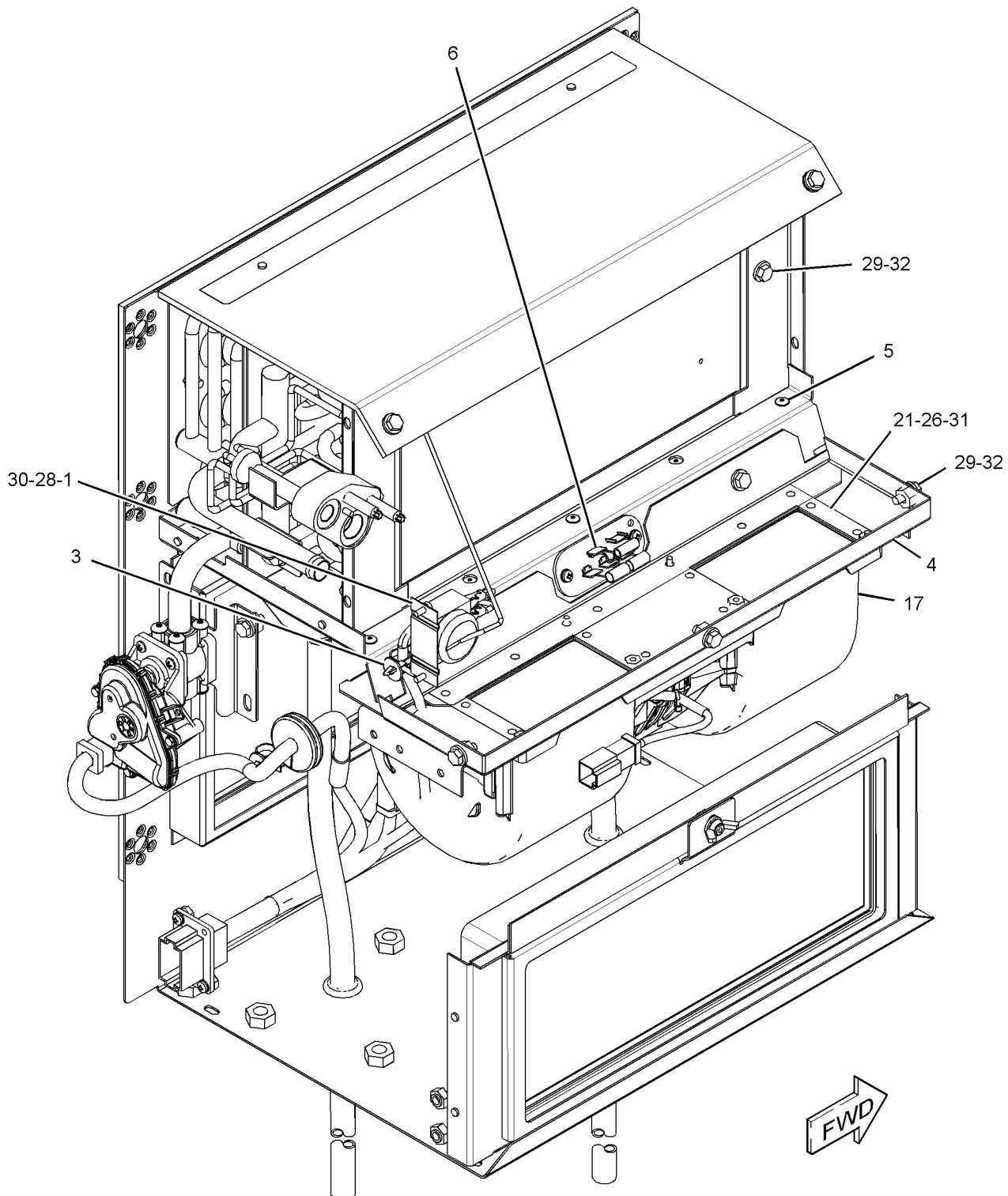
GRAPHIC #1

g02396169

OPERATOR STATION

329-8940 AIR CONDITIONER GP (contd.)

i04171475



(COVER REMOVED FOR CLARITY)

GRAPHIC #2

<END>

g02396171

OPERATOR STATION

348-3688 ARMREST GP-RH

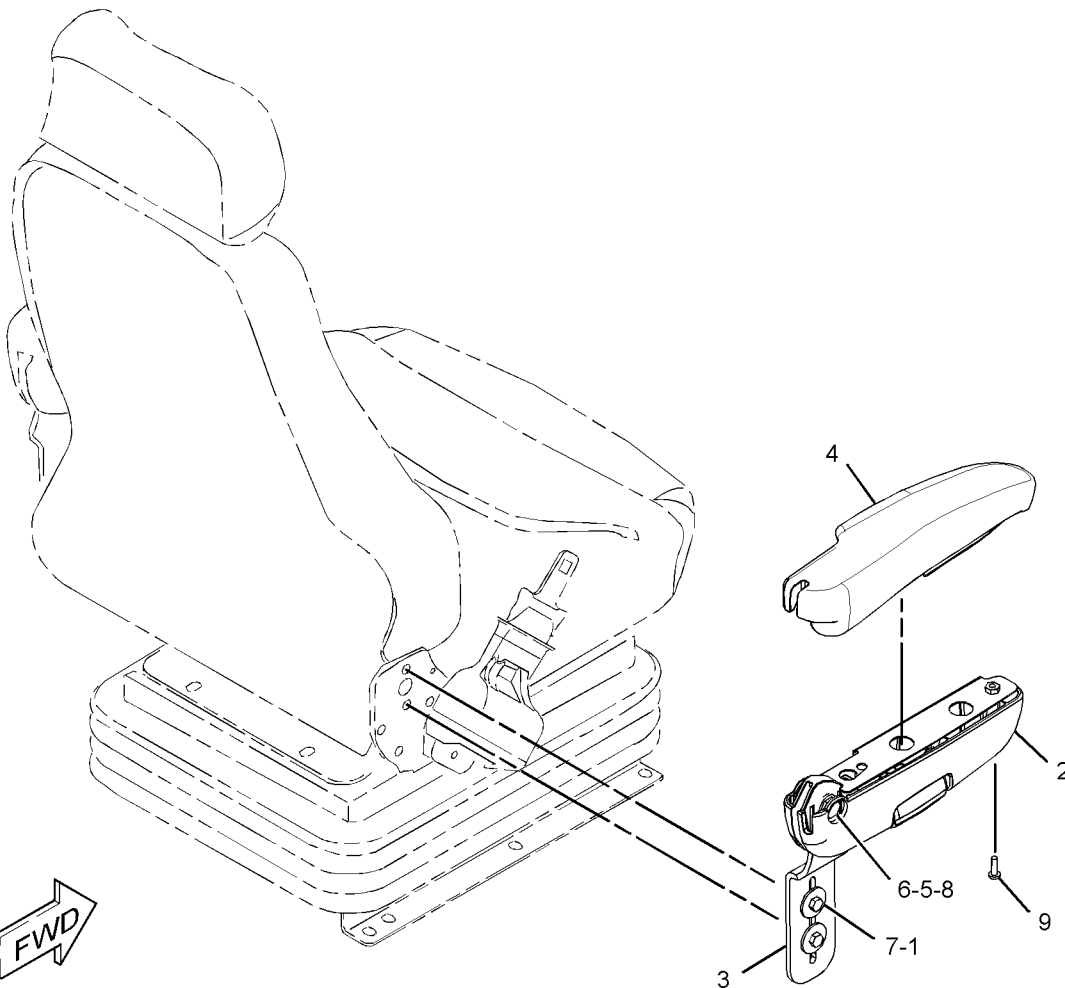
S/N: T4R1-UP

PART OF 347-8768, 347-8769 SEAT GP-SUSPENSION
ALSO AN ATTACHMENT

SMCS-7307

i04171575

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8T-5062	2	WASHER-PLATED (9X34X2.5-MM THK)						
	2	1	348-3692	1	BASE AS						
	3	1	348-3695	1	BRACKET (RH)						
	4	1	359-3828	1	PAD AS (RH)						
M	5	1	129-3180	1	LOCKNUT (M12X1.75-THD)						
	6	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						
M	7	1	8T-4908	2	BOLT (M8X1.25X25-MM)						
M	8	1	8T-4956	1	BOLT (M12X1.75X35-MM)						
M	9	1	8T-6412	1	SCREW-MACHINE (M6X1X20-MM)						
M-METRIC PART											



GRAPHIC #1

<END>

g02369756

OPERATOR STATION

348-3689 ARMREST GP-LH

S/N: T4R1-UP

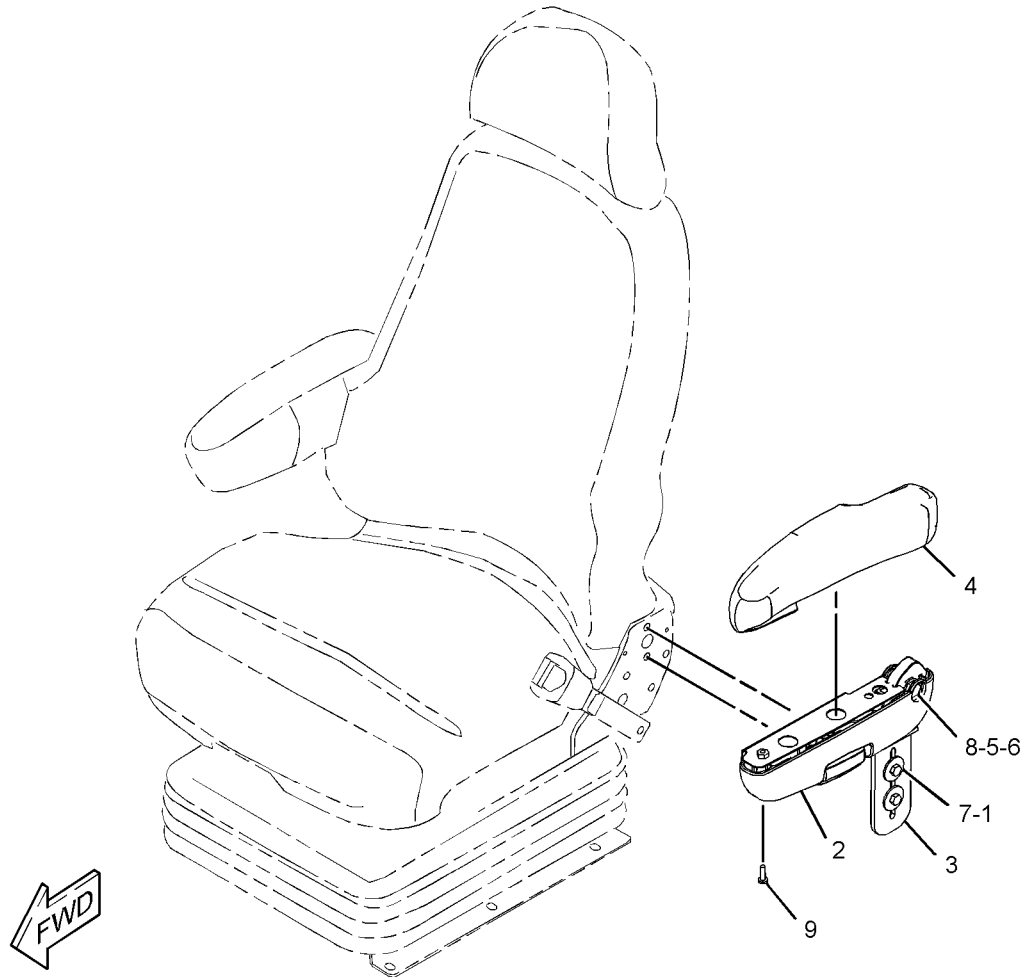
PART OF 347-8768 SEAT GP-SUSPENSION

SMCS-7307

i04171576

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8T-5062	2	WASHER-PLATED (9X34X2.5-MM THK)						
	2	1	348-3694	1	BASE AS						
	3	1	348-3696	1	BRACKET (LH)						
	4	1	359-3827	1	PAD AS (LH)						
M	5	1	129-3180	1	LOCKNUT (M12X1.75-THD)						
	6	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						
M	7	1	8T-4908	2	BOLT (M8X1.25X25-MM)						
M	8	1	8T-4956	1	BOLT (M12X1.75X35-MM)						
M	9	1	8T-6412	1	SCREW-MACHINE (M6X1X20-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g02369536

OPERATOR STATION

349-4002 ARMREST GP-LH

S/N: T4R1-UP

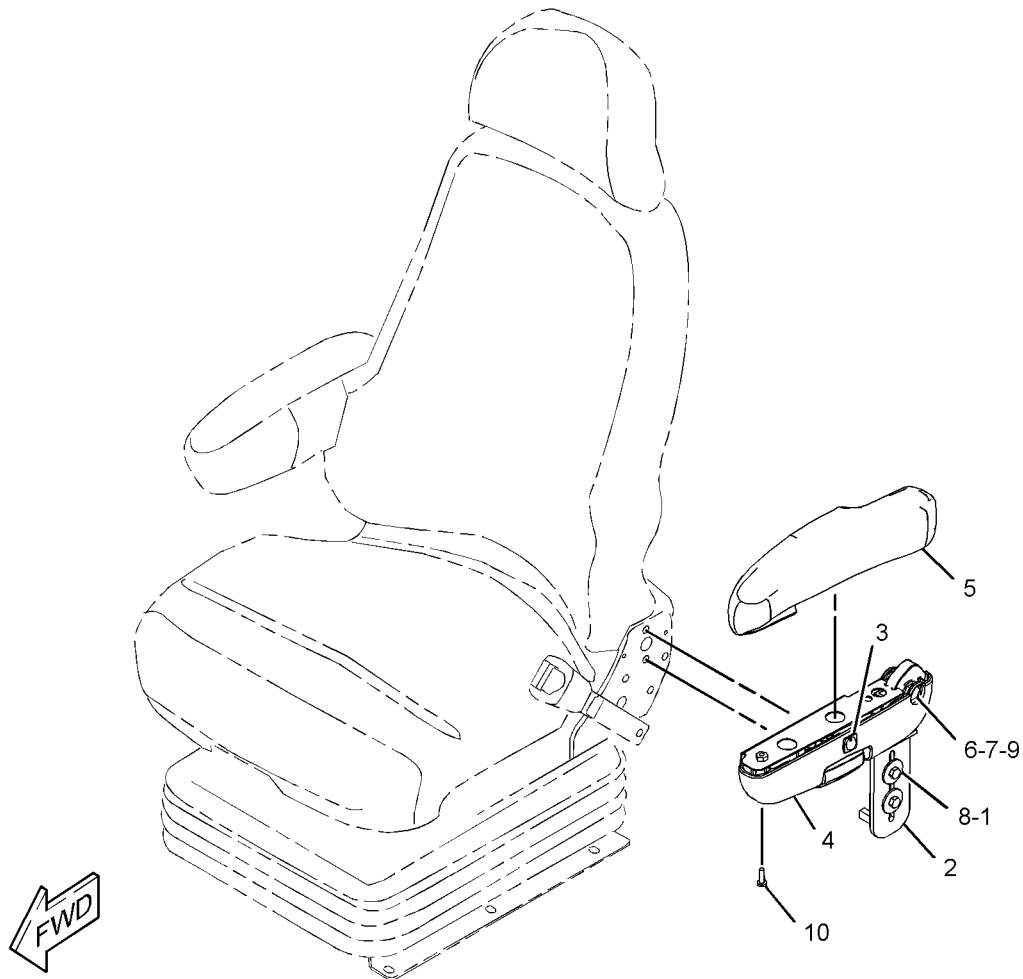
PART OF 347-8769 SEAT GP-SUSPENSION
AN ATTACHMENT

SMCS-7307

i04171504

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8T-5062	2	WASHER-PLATED (9X34X2.5-MM THK)						
	2	1	348-3696	1	BRACKET (LH)						
	3	1	348-8929	1	SWITCH AS-HEATER (SEAT)						
	4	1	349-4001	1	BASE AS						
	5	1	359-3827	1	PAD AS (LH)						
M	6	1	129-3180	1	LOCKNUT (M12X1.75-THD)						
	7	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						
M	8	1	8T-4908	2	BOLT (M8X1.25X25-MM)						
M	9	1	8T-4956	1	BOLT (M12X1.75X35-MM)						
M	10	1	8T-6412	1	SCREW-MACHINE (M6X1X20-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g02370996

OPERATOR STATION

324-7002 CAB AR

S/N: T4R1-UP

PART OF 291-8649 GENERAL AR

SMCS-7301

i04171142

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	324-7021	1	AIR CONDITIONER & MOUNTING GP						702
Y	324-7415	1	CONTROL GP-SERVICE BRAKE						555
Y	153-5490	1	CONTROL GP-STEERING						582
Y	344-2599	1	CONTROL GP-XMSN & HOIST						716
Y	324-7011	1	DOOR GP-CAB						718
Y	324-7006	1	LINER GP-CAB (OPERATOR CONTROL)						724
Y	324-7023	1	LINER GP-CAB (SOUND SUPPRESSION)						727
Y	324-7022	1	LINES GP-AIR CONDITIONER						728
Y	324-7417	1	LINES GP-STEERING						586
Y	299-6420	1	PEDAL GP-GOVERNOR						748
Y	324-7025	1	PLATE & FILM GP						779
Y	324-7005	1	ROPS GP						750
Y	324-7017	1	SEAT & MOUNTING GP						753
Y	324-7019	1	SEAT GP-COMPANION						757
Y	149-0087	1	VISOR GP-CAB						772
Y	324-7020	1	WINDOW GP-CAB						773
Y	364-2813	1	WIPER & WASHER GP-WINDOW						775
Y	358-6986	1	WIRING GP-CAB						313

Y-SEPARATE ILLUSTRATION

<END>

OPERATOR STATION

351-1770 COIL GP-HEATER

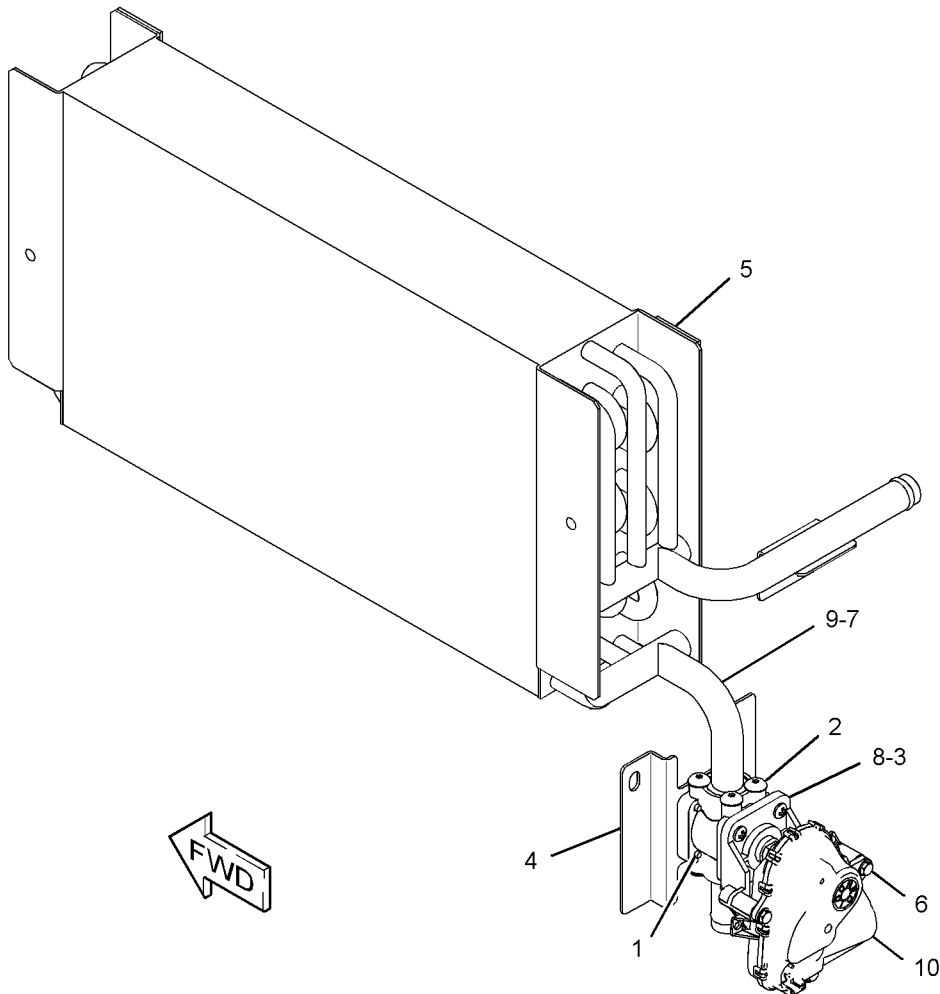
S/N: T4R1-UP

PART OF 329-8940 AIR CONDITIONER GP

SMCS-7304

i04037160

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-2185	4	SCREW (8-15X0.44-IN)						
	2	1	248-6772	8	SCREW-MACHINE (8-16X7.75-IN)						
	3	1	131-3093	1	BUSHING						
	4	1	275-6693	1	PLATE						
	5	1	294-8679	2	KIT-GASKET						
					(EACH INCLUDES GASKETS)						
	6	1	311-3520	3	SCREW-HEX HEAD (8-16X0.5-IN)						
	7	1	4M-6582	2	SEAL-O-RING						
	8	1	268-8769	1	VALVE AS-WATER (HEATER)						
	9	1	275-6692	1	TUBE						
	10	1	279-0850	1	ACTUATOR (ELECTRONIC)						



GRAPHIC #1

<END>

g02255335

OPERATOR STATION

320-1291 COMPRESSOR GP-REFRIGERANT

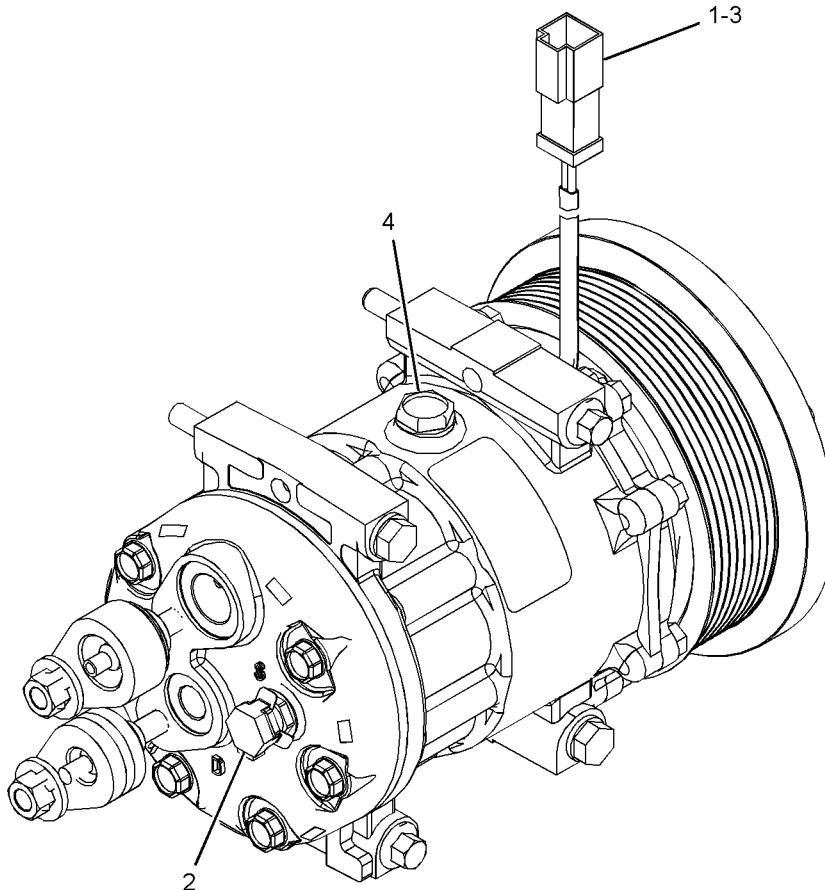
S/N: TXL1-UP; L4X1-UP

PART OF 345-2200 COMPRESSOR GP-REFRIGERANT

SMCS-1802

i04194011

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	314-4018	1	VALVE AS-PRESSURE RELIEF (REFRIGERANT COMPRESSOR)						
	3	1	126-1767	2	PIN-CONNECTOR (14-GA TO 16-GA)						
	4	1	7T-4532	1	PLUG AS						



GRAPHIC #1

<END>

g02214255

OPERATOR STATION

345-2200 COMPRESSOR GP-REFRIGERANT

S/N: TXL1-UP; L4X1-UP

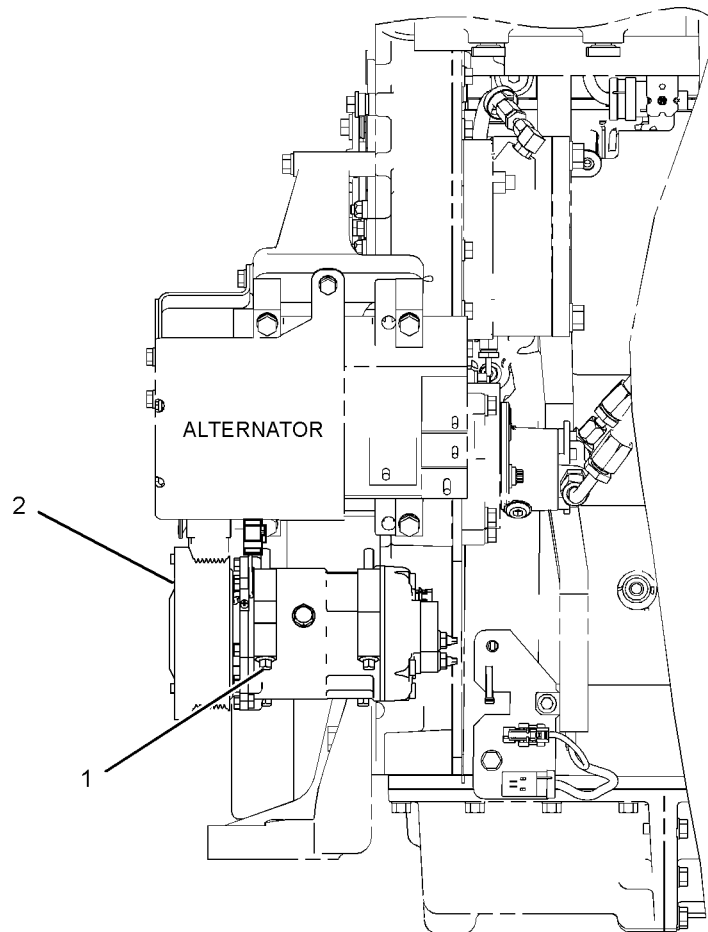
PART OF 365-3722 ENGINE AR-COMplete
FOR USE WITH POLY-VEE ACCESSORY DRIVE

SMCS-1802

i03879372

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
M	1	1	255-1281	4	BOLT-FLANGE HEAD (M8X1.25X100-MM)	
Y	2	1	320-1291	1	COMPRESSOR GP-REFRIGERANT	713

M-METRIC PART
Y-SEPARATE ILLUSTRATION



LEFT SIDE VIEW OF ENGINE

GRAPHIC #1

<END>

g02212134

OPERATOR STATION

322-8565 CONTROL GP-XMSN & HOIST-ELECTRONIC

S/N: T4R1-UP

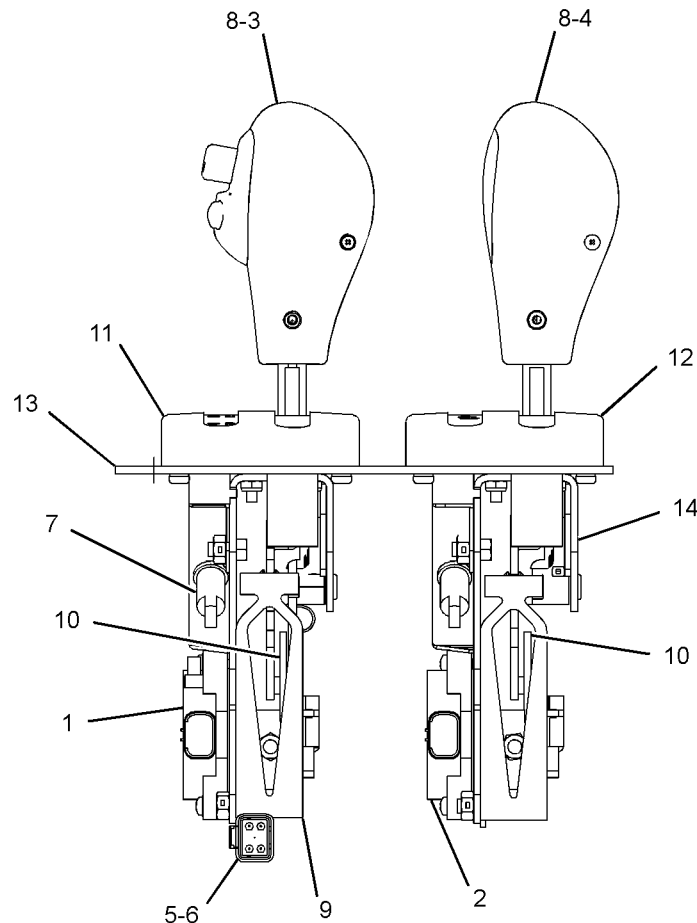
PART OF 344-2599 CONTROL GP-XMSN & HOIST

SMCS-3065, 5063

i04280913

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	351-6944	1	SENSOR GP-POSITION (TRANSMISSION)						
	2	1	351-6942	1	SENSOR GP-POSITION (HOIST CONTROL)						
	3	1	139-2283	1	CONTROL GP-HANDLE (TRANSMISSION)						
	4	1	145-0874	1	HANDLE GP-MODULAR (HOIST)						
	5	1	151-9274	1	KIT-RECEPTACLE (4-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	6	1	8T-8729	4	PIN-CONNECTOR (16-GA TO 18-GA)						
	7	1	287-7198	2	LAMP AS-INDICATOR (24-VOLT, WHITE)						
					(EACH INCLUDES)						
		1	8T-8729	2	PIN-CONNECTOR (16-GA TO 18-GA)						
M	8	1	306-5048	4	SCREW-PAN HEAD (M4X0.7X10-MM)						
	9	1	333-0080	2	SPRING AS-LEAF						
	10	1	200-5965	2	LEVER AS						
	11	1	353-8844	1	INDICATOR (TRANSMISSION SPEED)						
	12	1	290-2933	1	INDICATOR (BODY POSITION)						
	13	1	254-1117	1	PLATE-MOUNTING						
	14	1	363-0624	1	CONTROL GP-ELECTROHYDRAULIC (HOIST)						

M-METRIC PART



REAR VIEW

<END>

GRAPHIC #1

g02399557

OPERATOR STATION

344-2599 CONTROL GP-XMSN & HOIST-OPERATOR

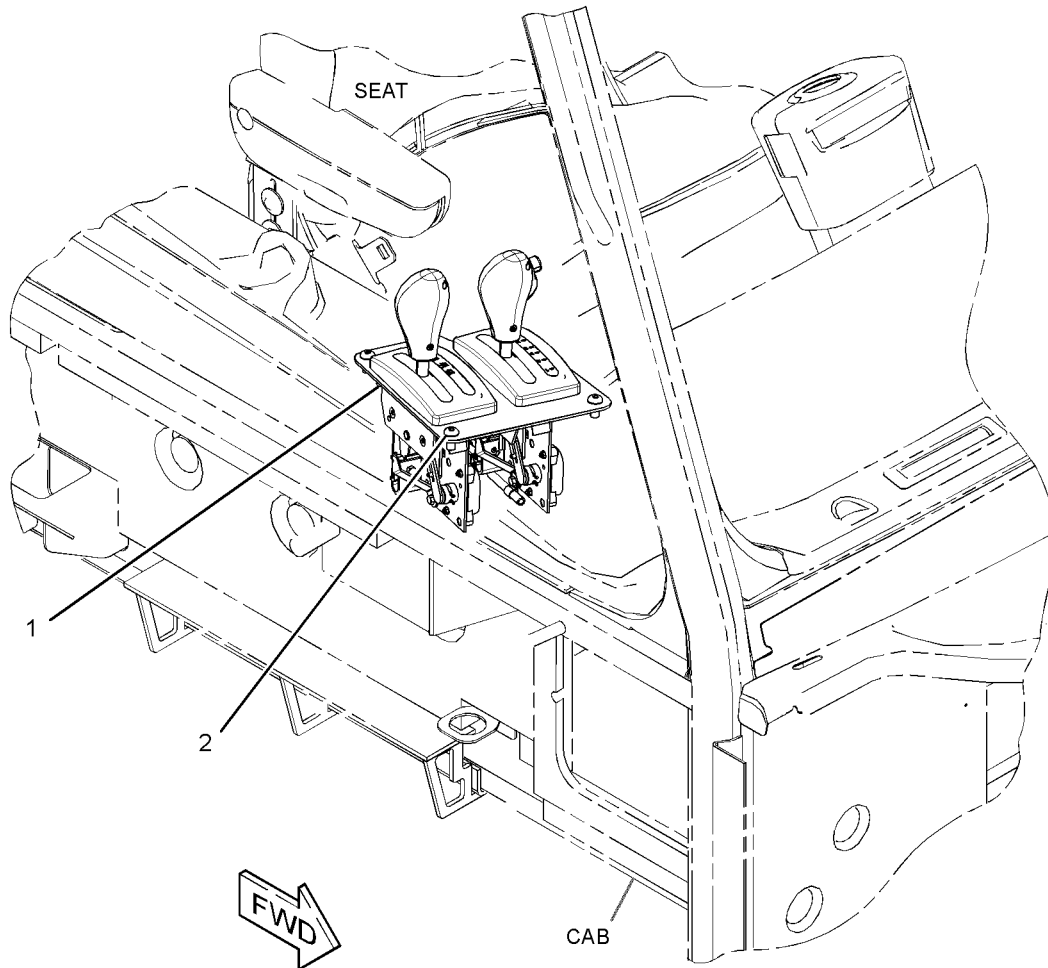
S/N: T4R1-UP

PART OF 324-7002 CAB AR

SMCS-3065, 5063

i04171556

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	322-8565	1	CONTROL GP-XMSN & HOIST (ELECTRONIC)						715
M	2	1	8C-8585	4	SCREW-BUTTON HEAD (M10X1.5X20-MM)						
M-METRIC PART Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g02405757

OPERATOR STATION

341-7067 CYLINDER GP-CAB TILT

S/N: T4R1-UP

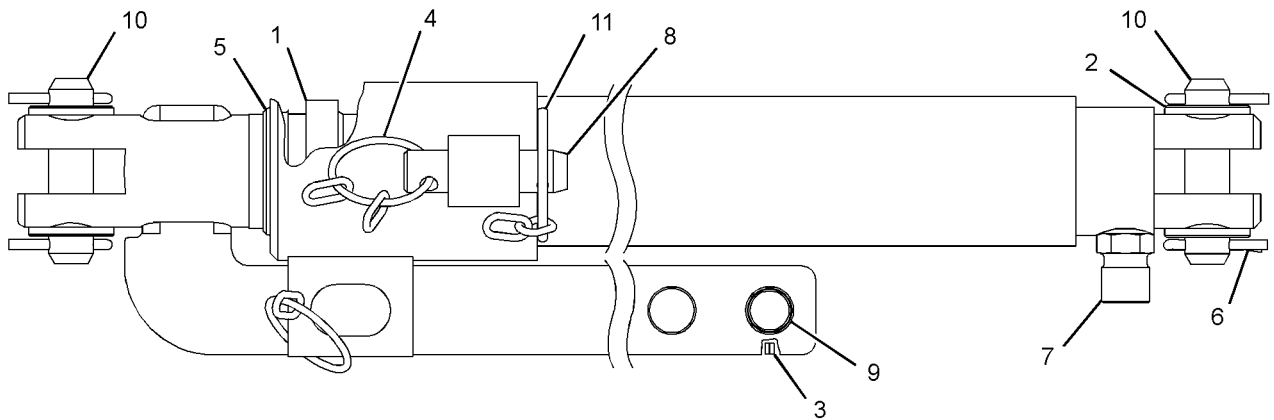
32-MM (1.26-IN) BORE X 285-MM (11.3-IN) STROKE
PART OF 335-3941 TILT GP-PLATFORM

SMCS-5104

i04171550

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6U-9992	1	SEAL						
	2	1	3G-9108	4	WASHER (13.8X23.2X1.57-MM THK)						
M	3	1	6V-5212	1	SETSCREW-SOCKET						
	4	1	6U-9993	1	RING						
	5	1	6U-9994	1	SEAL-WIPER						
	6	1	3B-4615	4	PIN-COTTER						
	7	1	109-5255	1	ADAPTER						
	8	1	196-3918	1	LOCK PIN						
	9	1	6W-5677	1	ROD						
	10	1	7U-2948	2	PIN						
	11	1	5P-0372	1	LOCK PIN						

M-METRIC PART



GRAPHIC #1

<END>

g02452477

OPERATOR STATION

324-7011 DOOR GP-CAB

S/N: T4R1-UP

PART OF 324-7002 CAB AR

SMCS-7308

i04282833

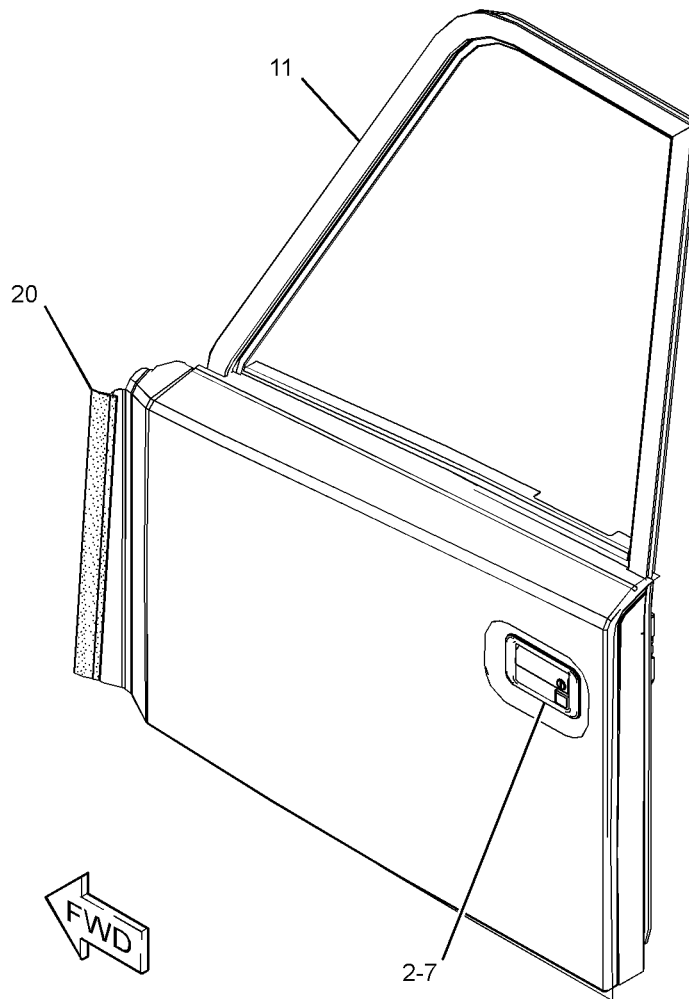
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	2	7X-2497	1	HANDLE-DOOR (LH)	
	2	1	8Y-6386	1	SEAL-HANDLE	
	3	2	126-2373	1	HANDLE AS-PULL	
	4	2	147-3019	2	BRACKET	
	5	2	155-1576	1	HINGE-DOOR	
	6	2	164-0043	1	LATCH AS-DOOR (ROTARY)	
J	7	1	164-0044	1	HANDLE AS (PADDLE)	
B	8	2	169-4782	1	SHIM (2-MM THK)	
	9	2	178-7881	1	COVER-LATCH	
E	10	2	133-3234		SEAL (470-CM)	
	11	1	344-1932	1	DOOR AS-CAB	
M		1	6V-9632	4	NUT-WELD (M6X1-THD)	
	12	2	114-6658	2	WASHER (6.5X17X1-MM THK)	
M	13	2	163-3274	4	SCREW-MACHINE (M5X0.8X25-MM)	
M	14	2	8T-0267	1	BOLT-SOCKET HEAD (M6X1X12-MM)	
M	15	2	8T-0269	2	BOLT-SOCKET HEAD (M6X1X20-MM)	
	16	2	8T-4224	14	WASHER-HARD (8.8X16X2-MM THK)	
M	17	2	8T-4908	14	BOLT (M8X1.25X25-MM)	
M	18	2	9X-2042	2	SCREW-TRUSS HEAD (M6X1X12-MM)	
M	19	2	9X-6155	4	BOLT-SOCKET HEAD (M6X1X16.7-MM)	
L	20	1	136-7728		SEAL-COMPOSITE (6-DM)	

B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER
J-REQUIRES CORPORATE KEY
L-ORDER BY THE DECIMETER
M-METRIC PART

OPERATOR STATION

324-7011 DOOR GP-CAB (contd.)

i04282833



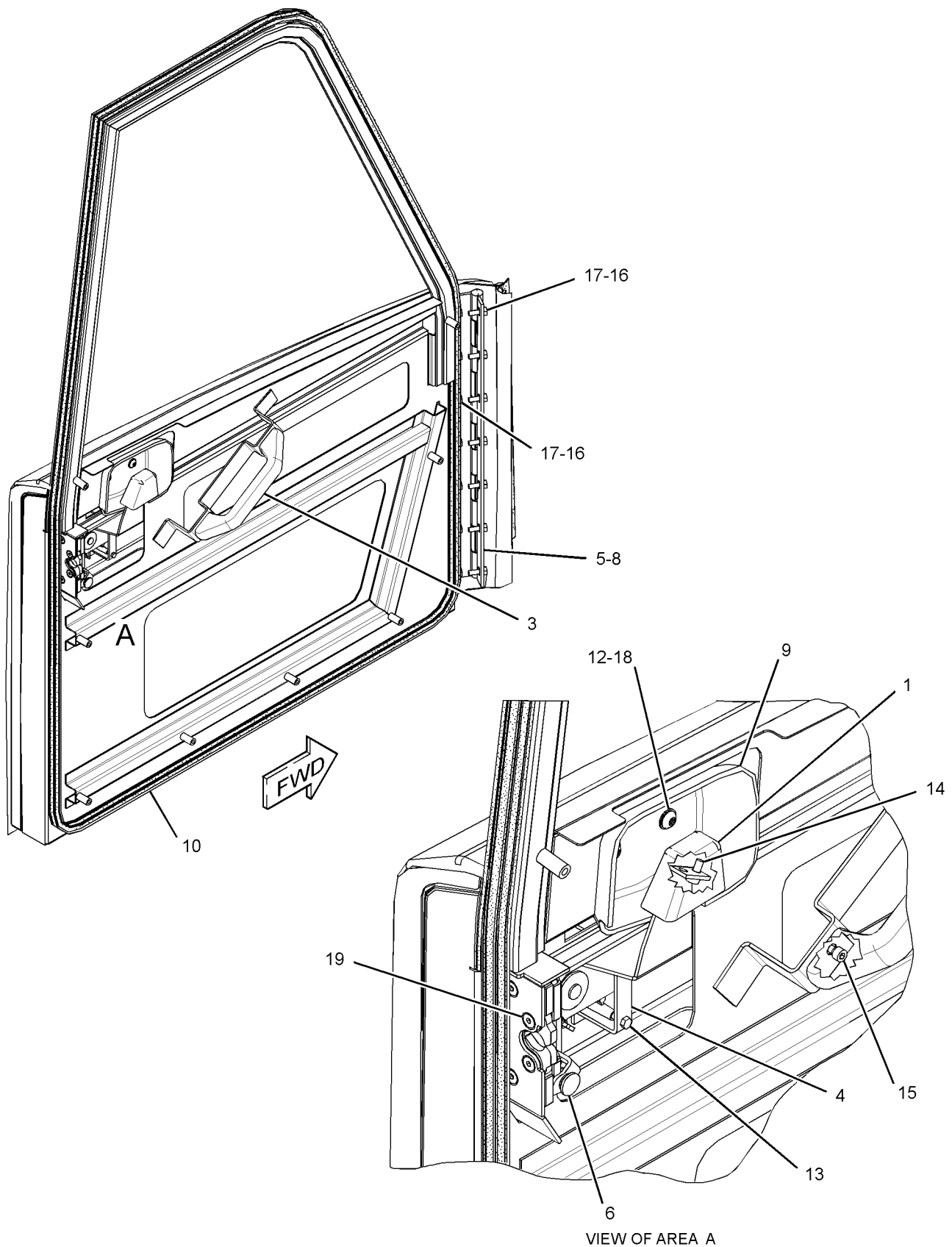
GRAPHIC #1

g02400257

OPERATOR STATION

324-7011 DOOR GP - CAB (contd.)

i04282833



GRAPHIC #2

<END>

g02400536

OPERATOR STATION

291-8960 GUARD GP-WINDOW

S/N: T4R1-UP

PART OF 291-8689 INSTALLATION AR-MACHINE

SMCS-7315

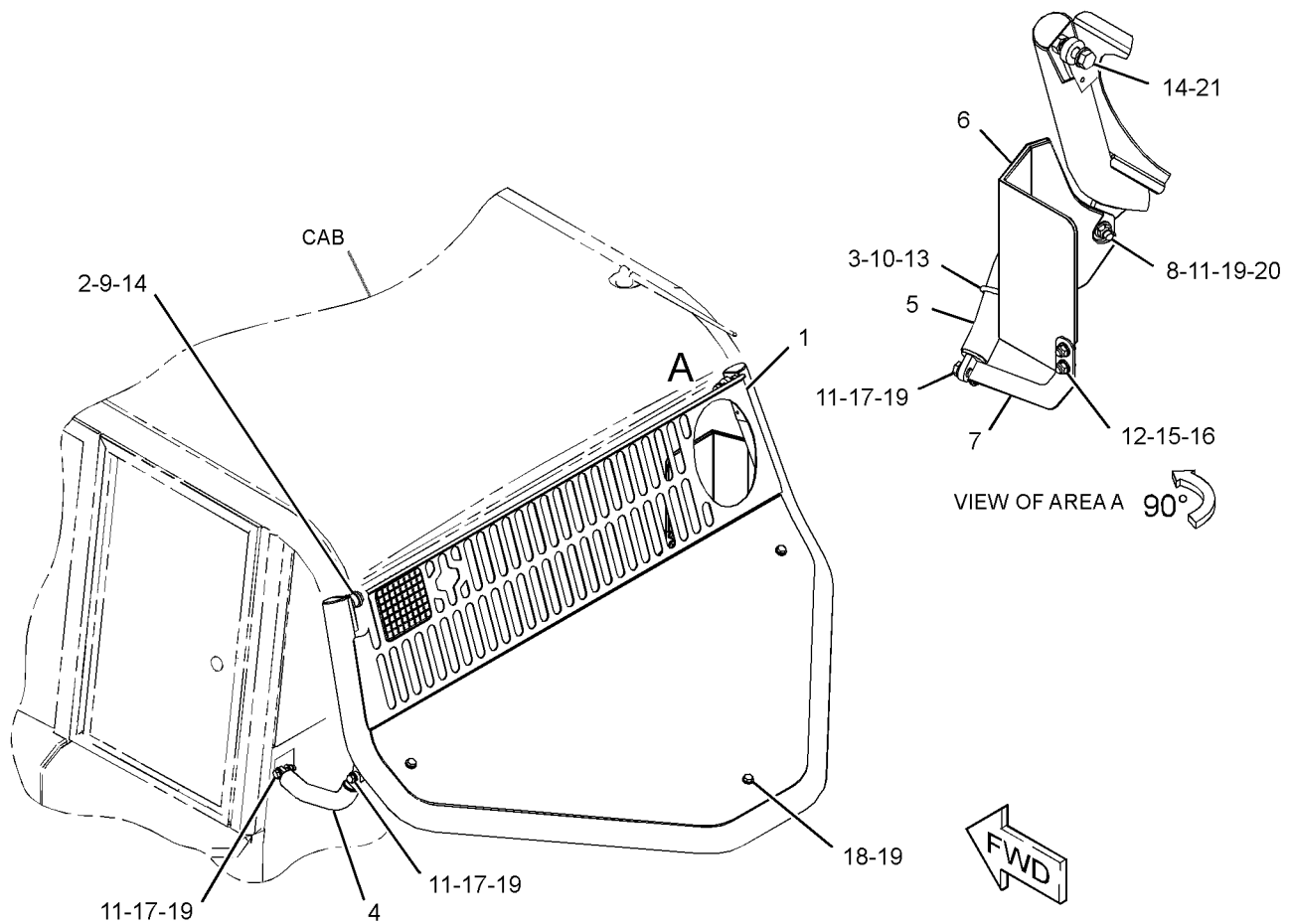
i04171134

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	173-5255	1	GUARD AS-WINDOW						
	2	1	188-3001	1	BOSS						
	3	1	227-4768	1	U-BOLT						
	4	1	352-6385	1	SUPPORT AS (LH)						
	5	1	352-6386	1	SUPPORT AS (RH)						
	6	1	358-0715	1	SHIELD AS-HEAT						
	7	1	358-0716	1	PLATE						
	8	1	198-4778	1	WASHER-HARD (13.5X30X12-MM THK)						
	9	1	3E-9411	1	WASHER-HARD (17.5X38X6-MM THK)						
	10	1	5P-4116	2	WASHER-HARD (8.8X20.5X2-MM THK)						
M	11	1	6V-7687	4	LOCKNUT (M12X1.75-THD)						
M	12	1	6V-7744	2	LOCKNUT (M10X1.5-THD)						
M	13	1	6V-9189	2	LOCKNUT (M8X1.25-THD)						
M	14	1	7X-2554	2	BOLT (M16X2X70-MM)						
	15	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	16	1	8T-4137	2	BOLT (M10X1.5X20-MM)						
M	17	1	8T-4184	3	BOLT (M12X1.75X45-MM)						
M	18	1	8T-4192	3	BOLT (M12X1.75X25-MM)						
	19	1	8T-4223	11	WASHER-HARD (13.5X25.5X3-MM THK)						
M	20	1	8T-4910	1	BOLT (M12X1.75X60-MM)						
	21	1	9X-8257	1	WASHER (17.5X30X3.5-MM THK)						
M-METRIC PART											

OPERATOR STATION

291-8960 GUARD GP-WINDOW (contd.)

i04171134



GRAPHIC #1

<END>

g02410037

OPERATOR STATION

328-4122 INSTALLATION GP-RADIO-AM/FM/WB/CD PLAYER

S/N: T4R1-UP

AN ATTACHMENT

SMCS-7338

i04282832

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	331-5291	1	RADIO GP (AM/FM/WB/CD PLAYER)						749
	200-5728	1	HARNESS AS-RADIO (AM/FM)						
	8T-8737	1	PLUG-SEAL						
	160-3518	1	KIT-RECEPTACLE (8-PIN)						
			(INCLUDES RECEPTACLE AS & WEDGE)						
	172-8037	1	CONNECTOR (RADIO)						
	172-8039	11	TERMINAL (RADIO)						
	8T-8729	7	PIN-CONNECTOR (16-GA TO 18-GA)						
	136-5490	1	BUSHING (RADIO MOUNT)						
M	5C-2874	1	NUT (M5X0.8-THD)						
	089-7960	1	WASHER (5.3X25X1.6-MM THK)						
M-METRIC PART									
Y-SEPARATE ILLUSTRATION									

<END>

OPERATOR STATION

324-7006 LINER GP-CAB

S/N: T4R1-UP

OPERATOR CONTROL

PART OF 324-7002 CAB AR

SMCS-7329

i04282289

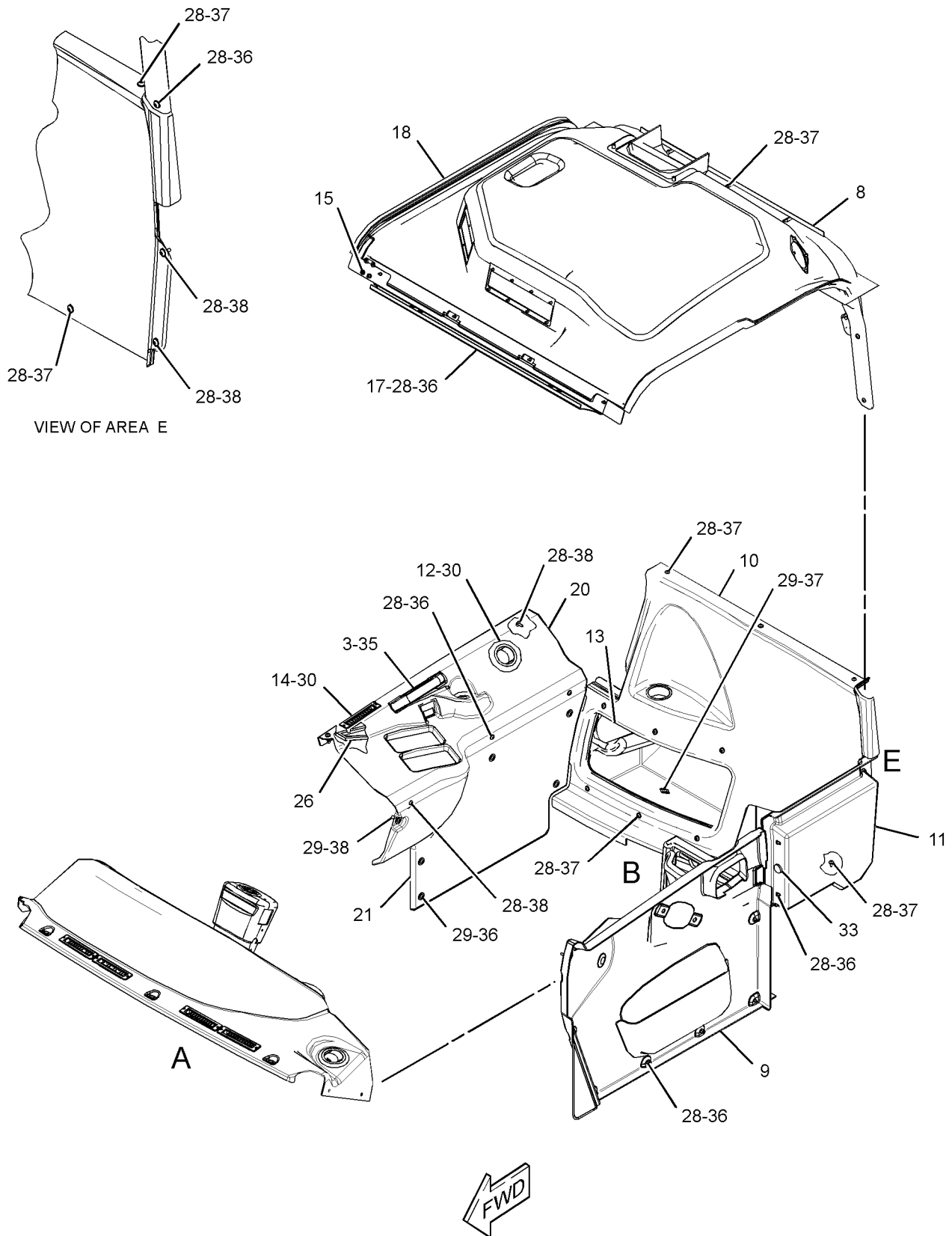
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	6V-8928	1	HOOK-COAT						
	2	2	8C-0618	1	ASHTRAY AS						
	3	1, 2	126-2373	2	HANDLE AS-PULL						
	4	2	154-7468	1	COVER AS						
	5	2	154-7470	1	COVER						
	6	2	155-9708	1	COVER AS						
	7	2	155-9709	1	COVER (BOTTOM)						
	8	1	160-8686	1	CHANNEL-REAR						
	9	1	160-8718	1	PANEL AS-DOOR						
	10	1	160-8723	1	TRIM AS-PANEL						
		1	114-9125	1	HOLDER-CUP						
	11	1	160-8728	1	TRIM						
	12	1, 2	164-8473	3	LOUVER AS						
	13	1	170-6019	1	STORAGE AS						
	14	1, 2	171-4047	5	LOUVER AS-VENT						
	15	1	224-2669	4	PLUG-PLASTIC						
	16	2	228-7260	1	DOOR AS						
		2	3H-0240	11	WASHER (5X9.7X0.8-MM THK)						
		2	9M-5733	11	RIVET-POP						
		2	165-0399	1	HINGE AS						
		2	302-4764	1	LATCH AS						
	17	1	289-8726	1	PLATE AS						
M		1	6V-9632	4	NUT-WELD (M6X1-THD)						
		1	247-5834	1	PLATE						
	18	1	322-7873	1	LINER AS-CAB						
M		1	9X-1046	8	SCREW (M4X0.7X18-MM)						
		1	124-6047	2	COVER-SPEAKER						
	19	2	340-7384	1	COVER-POST						
	20	1	340-7386	1	COVER AS						
		1	240-2169	1	RETAINER						
	21	1	340-7387	1	COVER AS						
	22	2	340-7388	1	DASH AS						
	23	2	344-2587	1	COVER-REAR WIPER						
	24	2	344-2597	2	GASKET						
	25	2	344-2598	1	COVER						
	26	1	349-5798	1	GASKET						
	27	2	354-0742	1	PLATE AS						
M		2	6V-9632	2	NUT-WELD (M6X1-THD)						
	28	1, 2	114-6658	60	WASHER (6.5X17X1-MM THK)						
	29	1, 2	101-2867	12	WASHER-HARD (7.2X25X2-MM THK)						
	30	1, 2	104-2091	22	SCREW-FLAT HEAD (6-20X0.5-IN)						
	31	2	118-5619	2	SCREW-FLAT HEAD (6-20X1-IN)						
M	32	2	3E-4313	10	SCREW-BUTTON HEAD (M4X0.7X8-MM)						
	33	1	6V-0292	1	PLUG						
M	34	2	8T-0267	2	BOLT-SOCKET HEAD (M6X1X12-MM)						
M	35	1	8T-0269	2	BOLT-SOCKET HEAD (M6X1X20-MM)						
M	36	1, 2	9X-2042	31	SCREW-TRUSS HEAD (M6X1X12-MM)						
M	37	1, 2	9X-2044	28	SCREW-TRUSS HEAD (M6X1X16-MM)						
M	38	1, 2	9X-2045	14	SCREW-TRUSS HEAD (M6X1X20-MM)						
E	39	2	148-7361		FASTENER-HOOK & LOOP (ADHESIVE BACKED) (8-CM)						
E	40	2	148-7362		FASTENER-HOOK & LOOP (ADHESIVE BACKED) (5-CM EACH)						

E-ORDER BY THE CENTIMETER
M-METRIC PART

OPERATOR STATION

324-7006 LINER GP-CAB (contd.)

i04282289



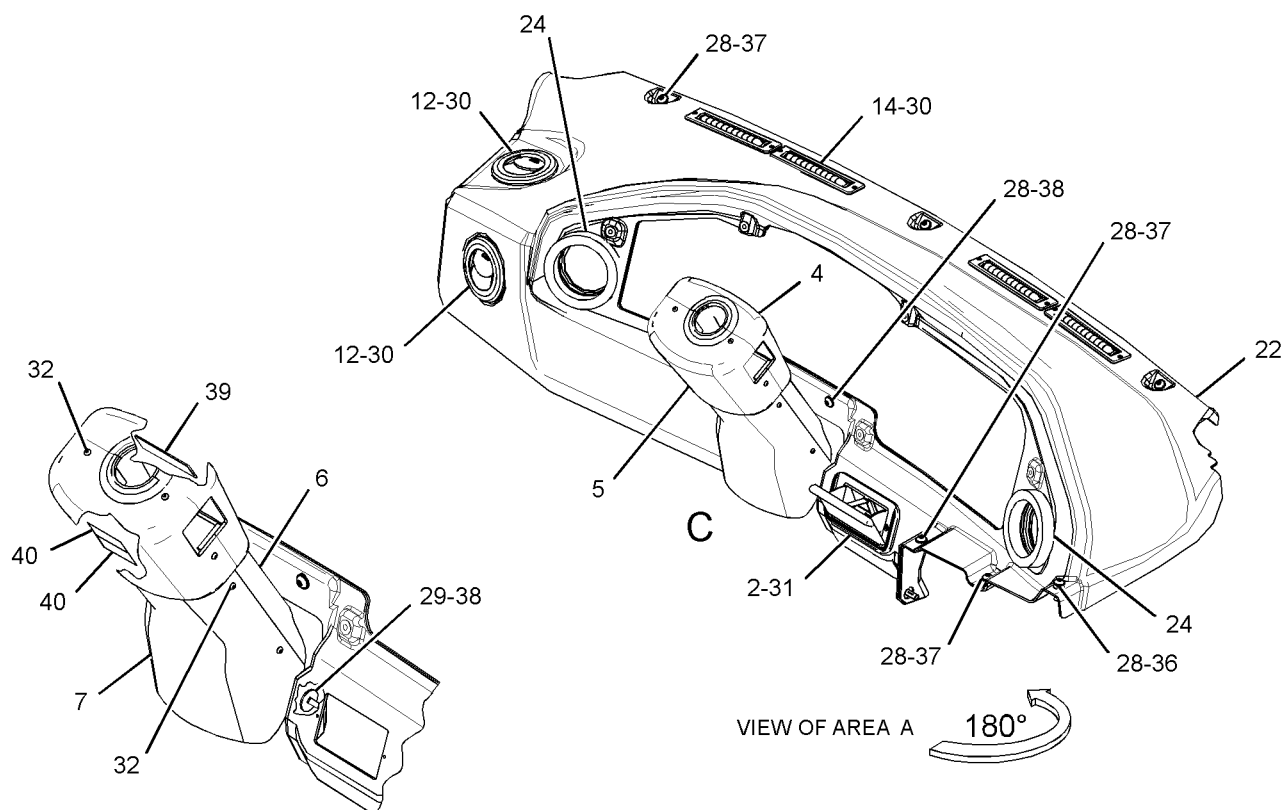
GRAPHIC #1

g02404238

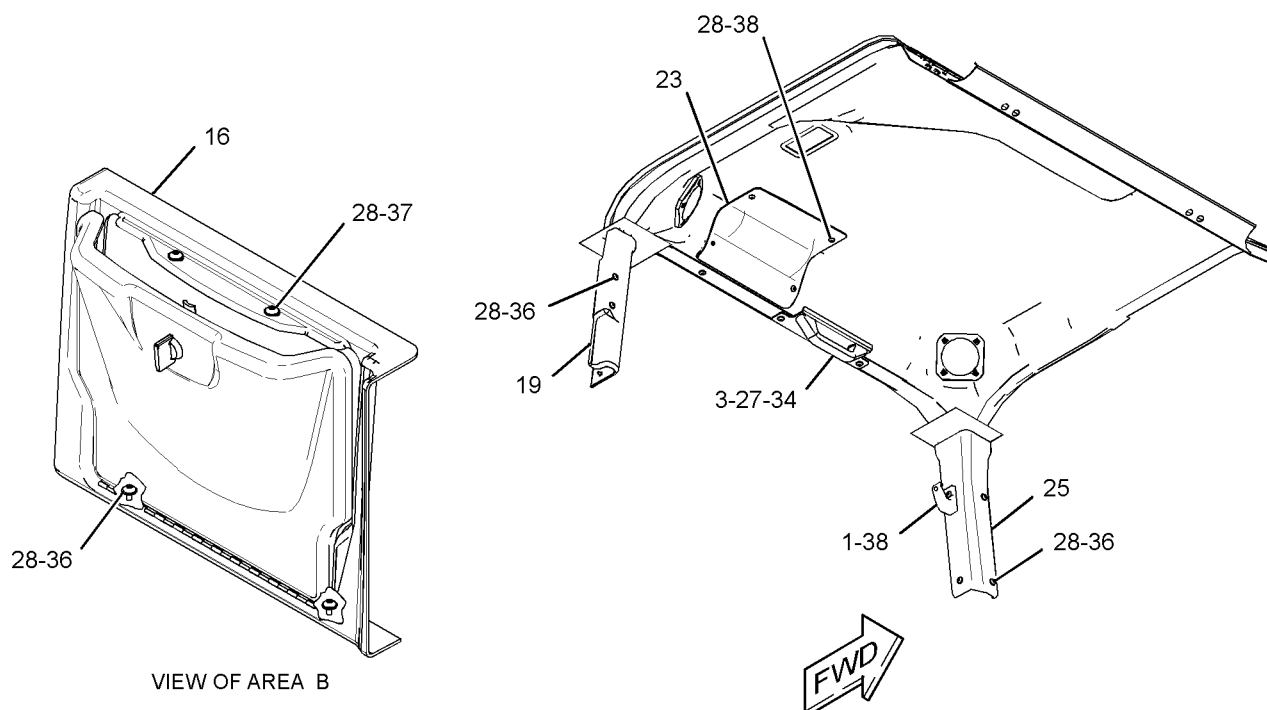
OPERATOR STATION

324-7006 LINER GP-CAB (contd.)

i04282289



VIEW OF AREA C
(COMPONENTS REMOVED FOR CLARITY)



VIEW OF AREA B

GRAPHIC #2

<END>

g02404239

OPERATOR STATION

324-7023 LINER GP-CAB-SOUND SUPPRESSION

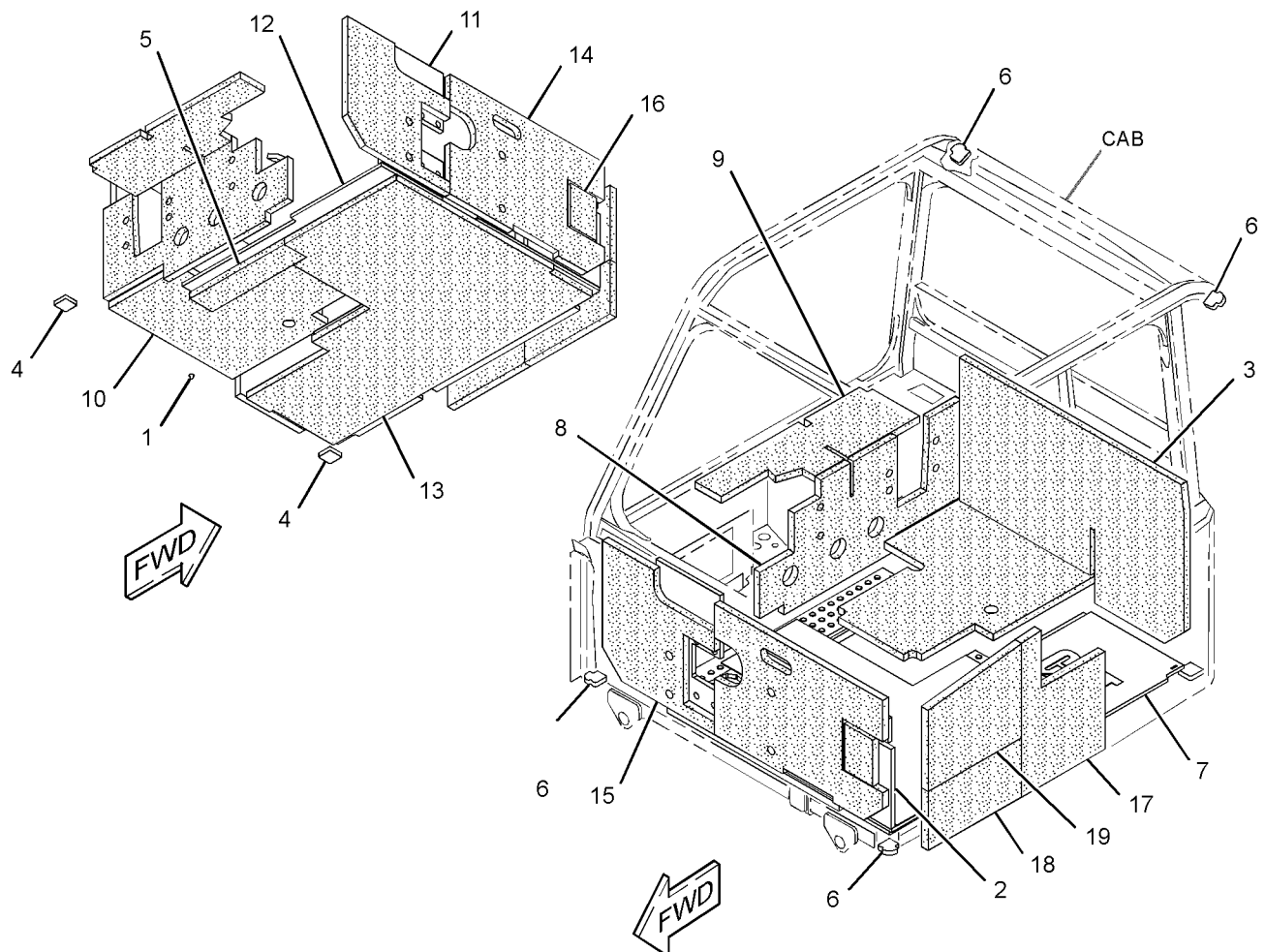
S/N: T4R1-UP

PART OF 324-7002 CAB AR

SMCS-7329

i04171150

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6P-2216	58	CAP						
	2	1	160-8721	1	TRIM						
	3	1	168-0378	1	INSULATION						
	4	1	189-6524	2	PLUG						
	5	1	198-6081	1	INSULATION						
	6	1	198-7409	4	PLUG						
	7	1	237-6176	1	FLOOR MAT						
	8	1	322-7888	1	INSULATION						
	9	1	322-7889	1	INSULATION						
	10	1	358-8801	1	INSULATION						
	11	1	343-6137	1	TRIM-FRONT PANEL						
	12	1	344-1713	1	FLOOR MAT						
	13	1	344-2594	1	INSULATION						
	14	1	358-8795	1	INSULATION						
	15	1	358-8796	1	INSULATION						
	16	1	358-8797	1	INSULATION						
	17	1	358-8798	1	INSULATION						
	18	1	358-8799	1	INSULATION						
	19	1	358-8800	1	INSULATION						



GRAPHIC #1

<END>

g02401003

OPERATOR STATION

324-7022 LINES GP-AIR CONDITIONER

S/N: T4R1-UP

PART OF 324-7002 CAB AR

SMCS-1808

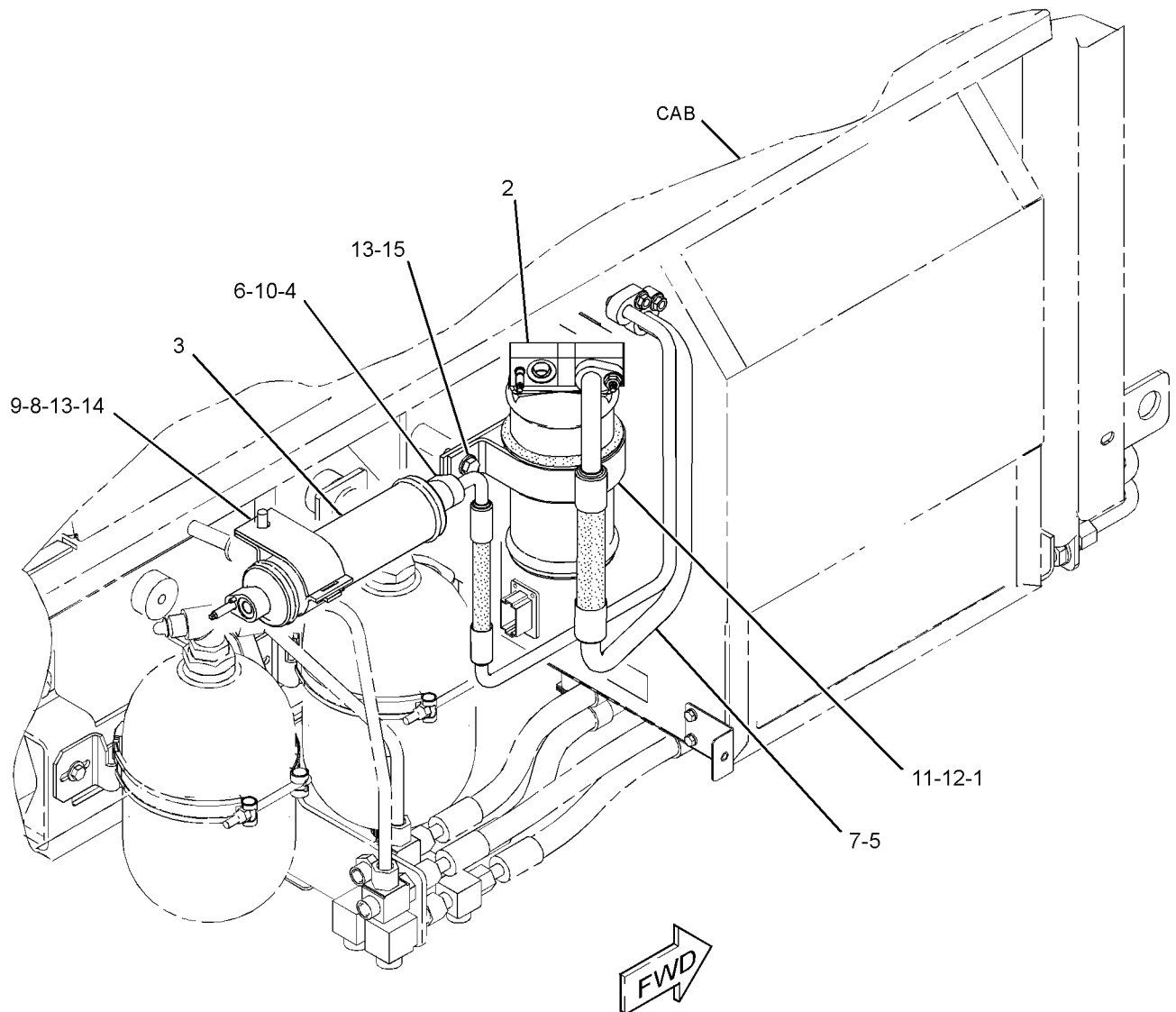
i04171149

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	217-7742	1	GROMMET						
	2	1	308-2583	1	ACCUMULATOR-REFRIGERANT						
	3	1	320-0563	1	DRYER AS-REFRIGERANT (INLINE)						
		1	189-1707	1	ORIFICE AS-AIR CONDITIONER						
		1	325-4416	2	STUD						
	4	1	327-0282	1	SEAL-INTEGRAL						
	5	1	327-0283	1	SEAL-INTEGRAL						
	6	1	340-1441	1	HOSE AS						
	7	1	348-5748	1	HOSE AS						
	8	1	109-1633	1	CLIP (SLOT)						
	9	1	109-1634	1	CLIP (TAB)						
M	10	1	178-3336	4	NUT-HEX FLANGE (M8X1.25-THD)						
	11	1	7X-7910	1	CLIP (SLOT)						
	12	1	7X-7911	1	CLIP (TAB)						
	13	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
M	14	1	8T-4136	1	BOLT (M10X1.5X25-MM)						
M	15	1	8T-4195	1	BOLT (M10X1.5X30-MM)						
M-METRIC PART											

OPERATOR STATION

324-7022 LINES GP-AIR CONDITIONER (contd.)

i04171149



GRAPHIC #1

<END>

g02401836

OPERATOR STATION

332-3065 LINES GP-AIR CONDITIONER

S/N: T4R1-UP

PART OF 291-8722 POWER TRAIN AR

SMCS-1808

i04219833

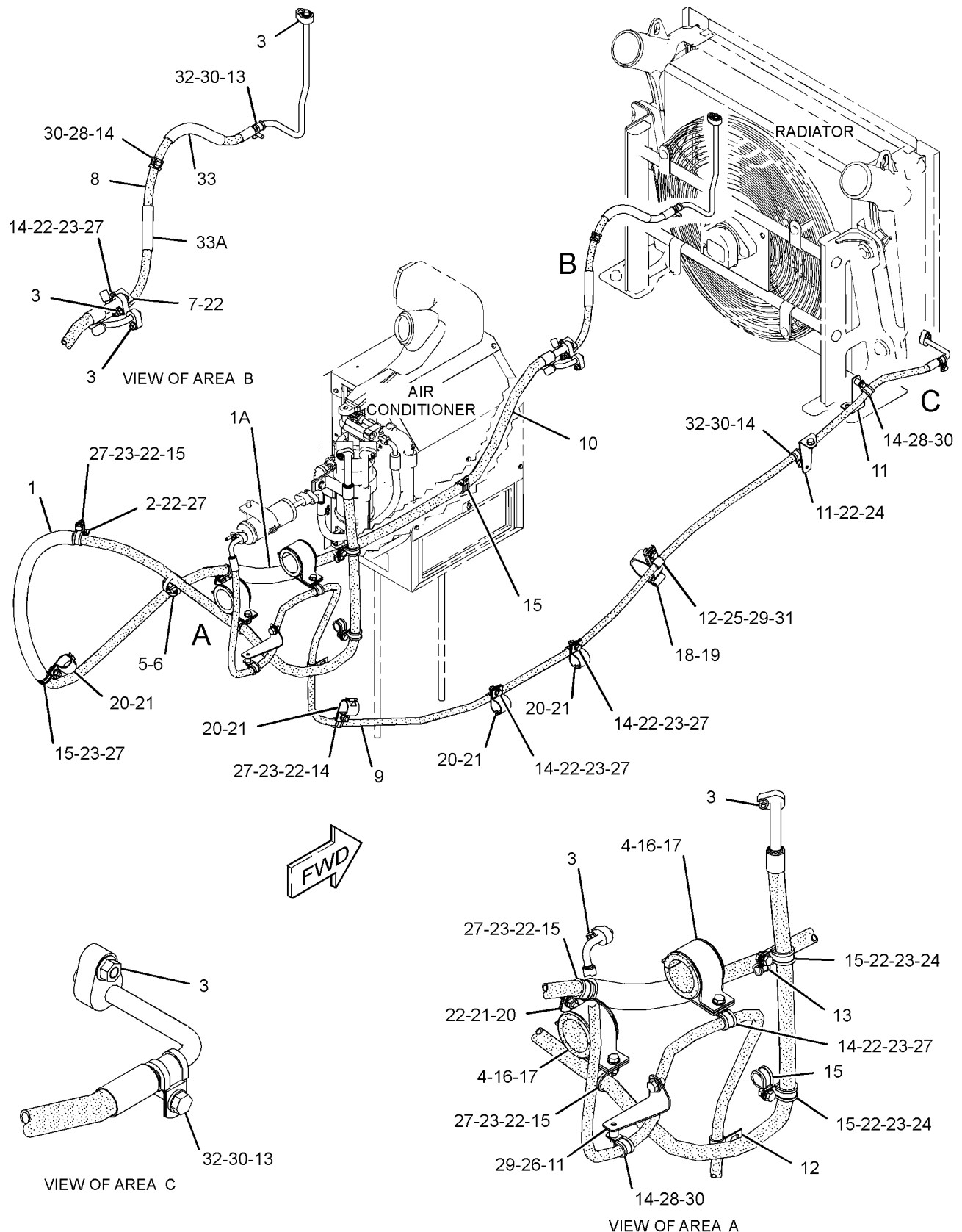
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
E	1	1	206-2723		GUARD-HOSE (70-CM)						
E	1A	1	206-2723		GUARD-HOSE (25-CM)						
	2	1	6U-2703	1	BRACKET-ANGLE						
M	3	1	178-3336	6	NUT-HEX FLANGE (M8X1.25-THD)						
	4	1	193-2120	2	GROMMET						
	5	1	200-6345	1	MOUNT (DUAL SWIVEL)						
	6	1	204-2281	2	STRAP-CABLE						
	7	1	352-7829	1	BRACKET						
	8	1	357-7470	1	HOSE AS						
	9	1	357-7471	1	HOSE AS						
	10	1	357-7472	1	HOSE AS						
	11	1	357-9876	3	BRACKET AS						
	12	1	329-1681	2	CLIP						
	13	1	3U-2752	3	CLIP						
	14	1	3U-2754	9	CLIP						
	15	1	3U-2755	8	CLIP						
	16	1	6V-1867	2	CLIP (SLOT)						
	17	1	6V-1868	2	CLIP (TAB)						
	18	1	6V-5039	1	CLIP (SLOT)						
	19	1	6V-5040	1	CLIP (TAB)						
	20	1	7S-8920	5	CLIP (SLOT)						
	21	1	7S-8921	5	CLIP (TAB)						
	22	1	8T-4121	25	WASHER-HARD (11X21X2.5-MM THK)						
M	23	1	8T-4133	11	NUT (M10X1.5-THD)						
M	24	1	8T-4137	3	BOLT (M10X1.5X20-MM)						
M	25	1	8T-4139	1	BOLT (M12X1.75X30-MM)						
M	26	1	8T-4179	1	BOLT (M12X1.75X20-MM)						
M	27	1	8T-4195	10	BOLT (M10X1.5X30-MM)						
M	28	1	8T-4200	3	BOLT (M8X1.25X16-MM)						
	29	1	8T-4223	3	WASHER-HARD (13.5X25.5X3-MM THK)						
	30	1	8T-4224	6	WASHER-HARD (8.8X16X2-MM THK)						
M	31	1	8T-4244	1	NUT (M12X1.75-THD)						
M	32	1	8T-4908	3	BOLT (M8X1.25X25-MM)						
E	33	1	206-2722		GUARD-HOSE (18-CM)						
E	33A	1	206-2722		GUARD-HOSE (10-CM)						

E-ORDER BY THE CENTIMETER
M-METRIC PART

OPERATOR STATION

332-3065 LINES GP-AIR CONDITIONER (contd.)

i04219833



GRAPHIC #1

<END>

g02416096

OPERATOR STATION

291-8930 LINES GP-HEATER

S/N: T4R1-UP

PART OF 291-8722 POWER TRAIN AR

SMCS-1812, 7304

i04169622

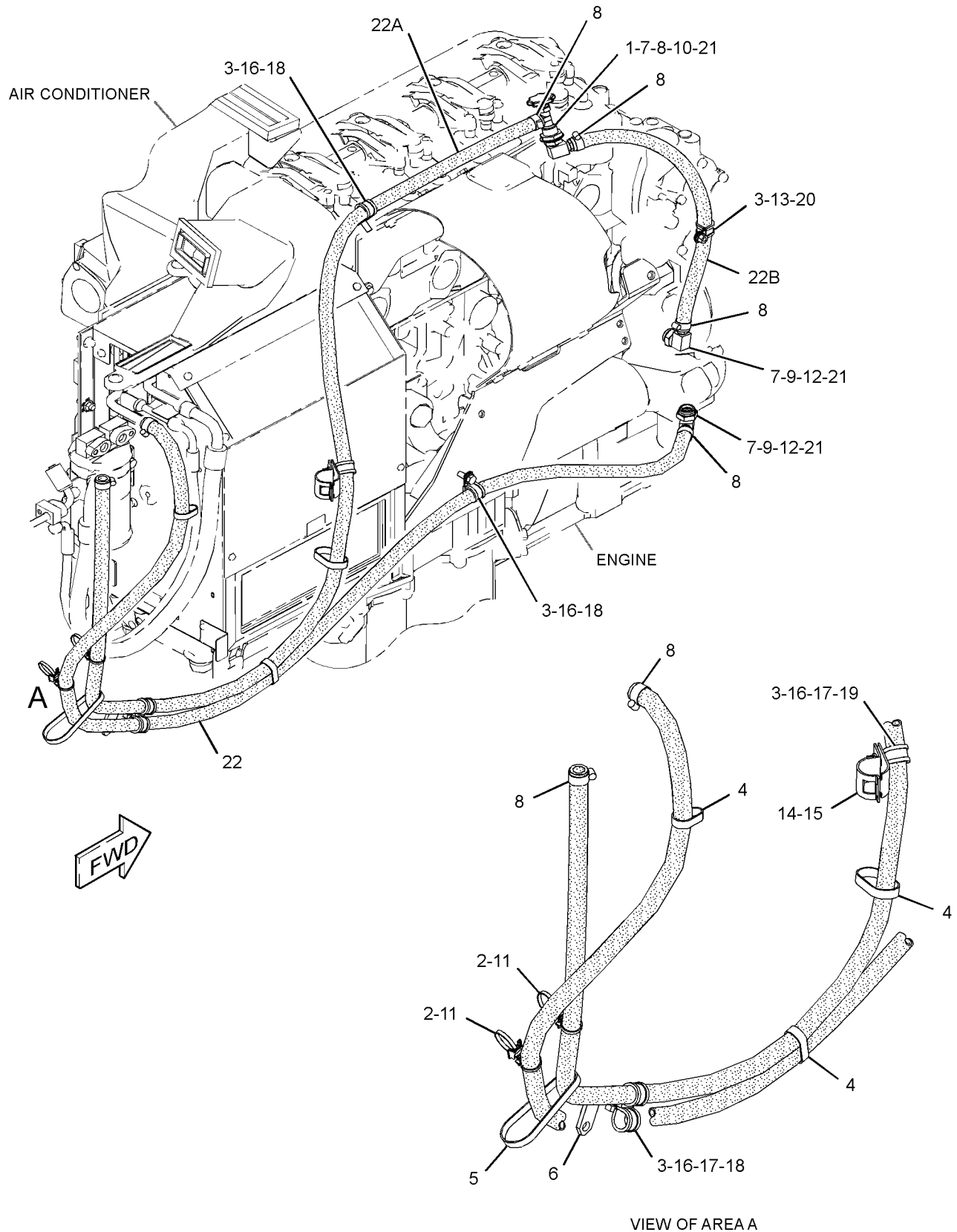
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2M-1908	1	FITTING-BULKHEAD						
	2	1	3S-2093	4	STRAP-CABLE						
	3	1	3U-2428	6	CLAMP-PIPE						
	4	1	6U-0455	3	STRAP						
	5	1	6U-0456	1	STRAP						
	6	1	6U-2703	1	BRACKET-ANGLE						
	7	1	7D-7026	3	CONNECTOR-HOSE						
	8	1	8T-0154	6	CLAMP-HOSE						
	9	1	9N-1595	2	NUT (3/8-18-THD)						
	10	1	005-7889	1	VALVE AS-DRAIN (HEATER)						
	11	1	290-5562	2	MOUNT (DUAL SWIVEL)						
	12	1	3D-2824	2	SEAL-O-RING						
	13	1	6V-8801	1	NUT (3/8-16-THD)						
	14	1	7S-8920	1	CLIP (SLOT)						
	15	1	7S-8921	1	CLIP (TAB)						
	16	1	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)						
M	17	1	8T-4133	2	NUT (M10X1.5-THD)						
M	18	1	8T-4136	3	BOLT (M10X1.5X25-MM)						
M	19	1	8T-4195	1	BOLT (M10X1.5X30-MM)						
	20	1	8T-4896	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	21	1	9M-5501	3	ELBOW-STREET						
D	22	1	4U-7962		HOSE-HEATER (2.9-M)						
D	22A	1	4U-7962		HOSE-HEATER (2.6-M)						
D	22B	1	4U-7962		HOSE-HEATER (0.6-M)						

D-ORDER BY THE METER
M-METRIC PART

OPERATOR STATION

291-8930 LINES GP-HEATER (contd.)

i04169622



GRAPHIC #1

<END>

g02383401

OPERATOR STATION

326-8727 MIRROR GP-REAR VIEW

S/N: T4R1-UP

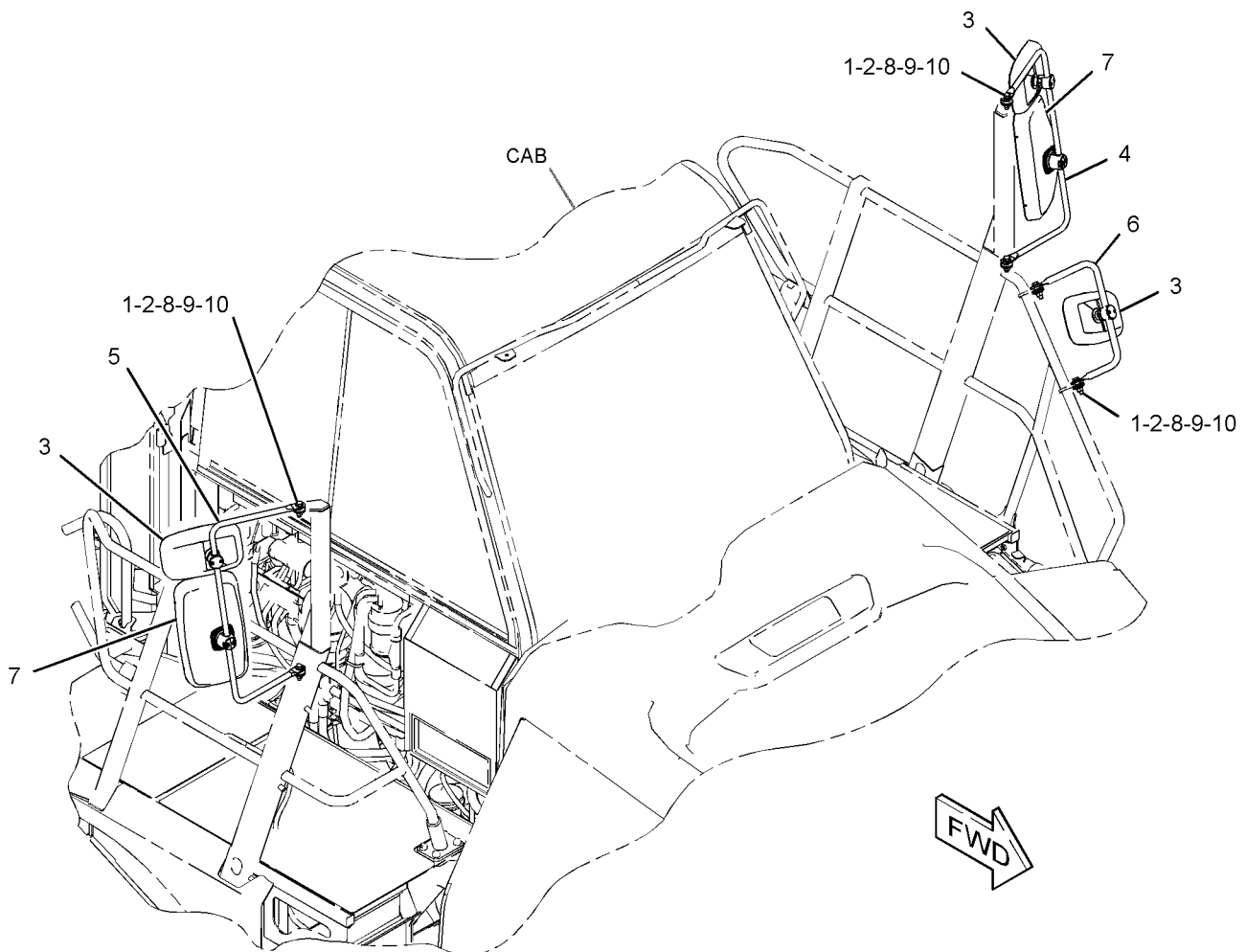
PART OF 291-8689 INSTALLATION AR-MACHINE

SMCS-7319

i03994514

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	4W-8926	24	WASHER (18.3X40X3.15-MM THK)	
	2	1	108-7638	6	SPACER (13.3X17.3X17.4-MM THK)	
C	3	1	220-4050	3	MIRROR (EXTERIOR, REAR)	
	4	1	305-8488	1	BRACKET-MIRROR (LH)	
	5	1	305-8490	1	BRACKET-MIRROR (RH)	
	6	1	326-8732	1	BRACKET-MIRROR	
C	7	1	348-5709	2	MIRROR AS	
M	8	1	8T-4194	6	BOLT (M12X1.75X50-MM)	
	9	1	8T-4223	12	WASHER-HARD (13.5X25.5X3-MM THK)	
M	10	1	8T-4244	6	NUT (M12X1.75-THD)	

C- CHANGE FROM PREVIOUS TYPE
M- METRIC PART



GRAPHIC #1

<END>

g02171334

OPERATOR STATION

354-8656 MIRROR GP-REAR VIEW-ELECTRIC, HEATED

S/N: T4R1-UP

AN ATTACHMENT

SMCS-7319

i04081554

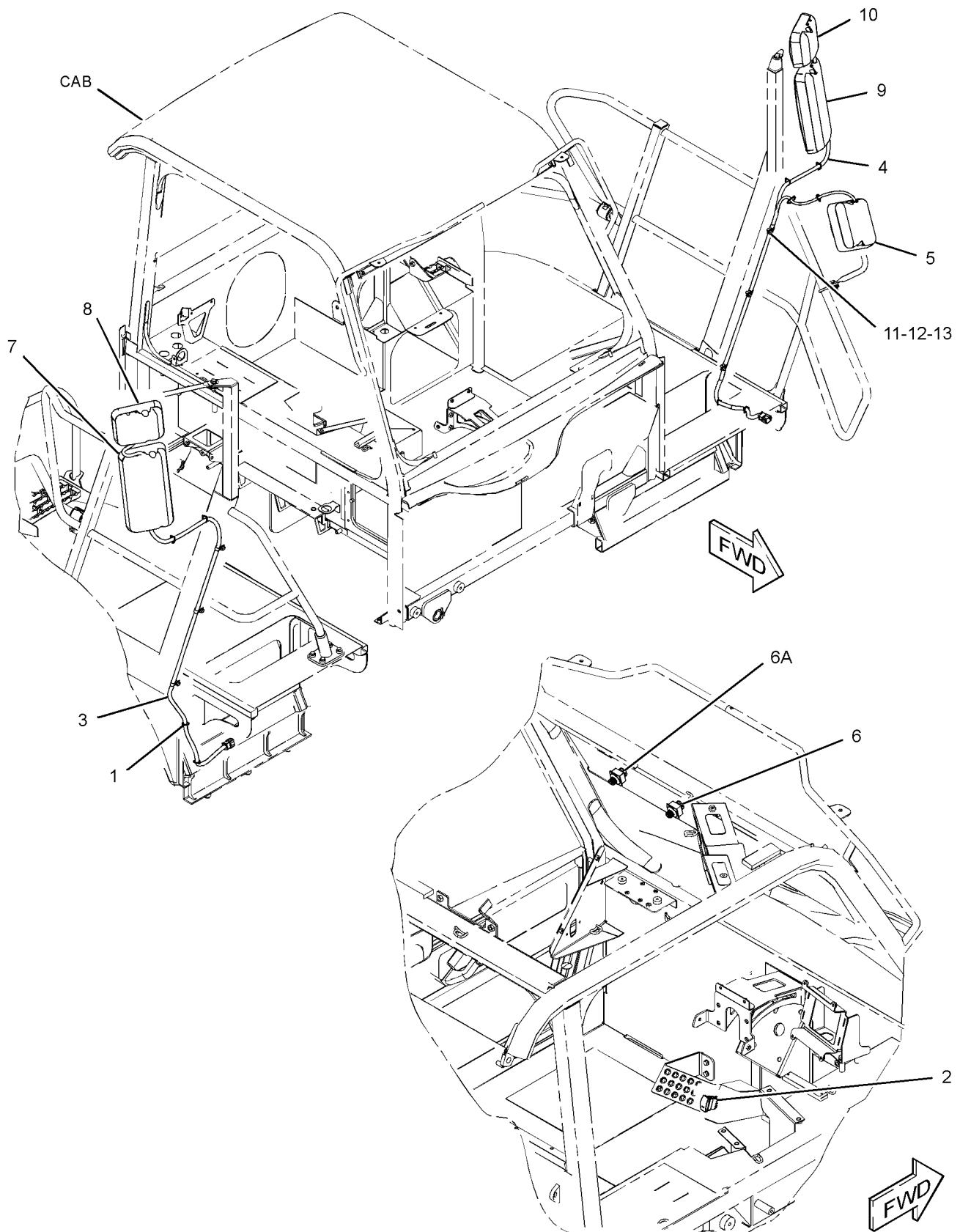
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	11	STRAP-CABLE						
	2	1	271-2824	1	SWITCH AS-ROCKER (HEATED MIRROR)						
	3	1	301-8353	1	HARNESS AS-MOTOR (MIRROR, RH)						
		1	8T-8729	5	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	9W-0852	2	PIN-CONNECTOR (14-GA TO 16-GA)						
		1	8T-8737	1	PLUG-SEAL						
		1	102-8806	1	KIT-RECEPTACLE (8-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
E		1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (10-CM)						
E		1	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (10-CM)						
	4	1	301-8354	1	HARNESS AS-MOTOR (MIRROR, LH)						
		1	8T-8729	5	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	9W-0852	2	PIN-CONNECTOR (14-GA TO 16-GA)						
		1	8T-8737	1	PLUG-SEAL						
		1	102-8806	1	KIT-RECEPTACLE (8-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
E		1	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (7-CM)						
E		1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (20-CM)						
	5	1	327-7732	1	MIRROR AS-CONVEX						
		1	326-8729	1	COVER AS-REAR						
	6	1	337-6640		SWITCH AS-POSITION (MIRROR, RH)						
6A		1	337-6640	1	SWITCH AS-POSITION (MIRROR, LH)						
					(EACH SWITCH AS INCLUDES)						
		1	8T-8729	8	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	231-2300	1	RECEPTACLE AS-CONNECTOR (8-PIN)						
	7	1	353-3584	1	MIRROR-REAR VIEW (RH)						
	8	1	353-3585	1	MIRROR-CONVEX (RH)						
	9	1	353-3586	1	MIRROR-REAR VIEW (LH)						
	10	1	353-3587	1	MIRROR-CONVEX (LH)						
	11	1	8M-2770	6	CLIP						
	12	1	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)						
M	13	1	8T-4191	6	BOLT (M10X1.5X16-MM)						

E-ORDER BY THE CENTIMETER
M-METRIC PART

OPERATOR STATION

354-8656 MIRROR GP-REAR VIEW (contd.)

i04081554



GRAPHIC #1

<END>

g02324838

OPERATOR STATION

168-8926 MOTOR GP-WINDOW WIPER-REAR

S/N: T4R1-UP

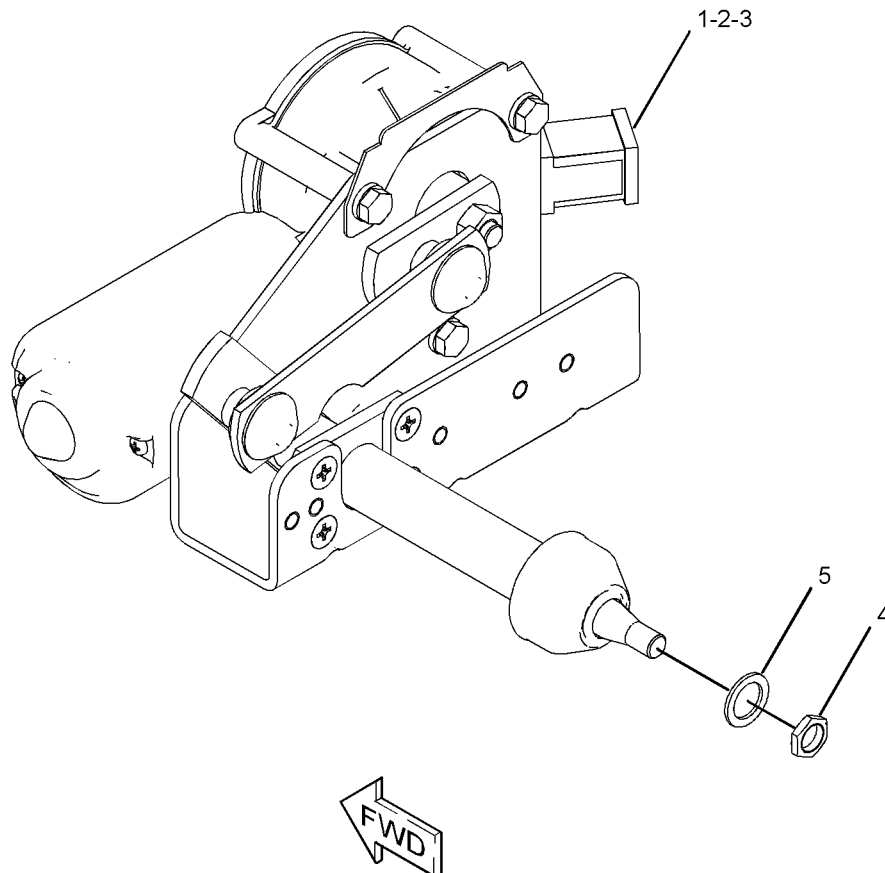
PART OF 364-2813 WIPER & WASHER GP-WINDOW

SMCS-7305

i04182901

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	2	1	8T-8737	1	PLUG-SEAL						
	3	1	8T-8729	5	PIN-CONNECTOR (16-GA TO 18-GA)						
M	4	1	5C-7261	1	NUT (M8X1.25-THD)						
	5	1	3F-9556	1	LOCKWASHER						

M-METRIC PART



GRAPHIC #1

<END>

g01147008

OPERATOR STATION

363-3927 MOTOR GP-WINDOW WIPER-FRONT

S/N: T4R1-UP

24-VOLT

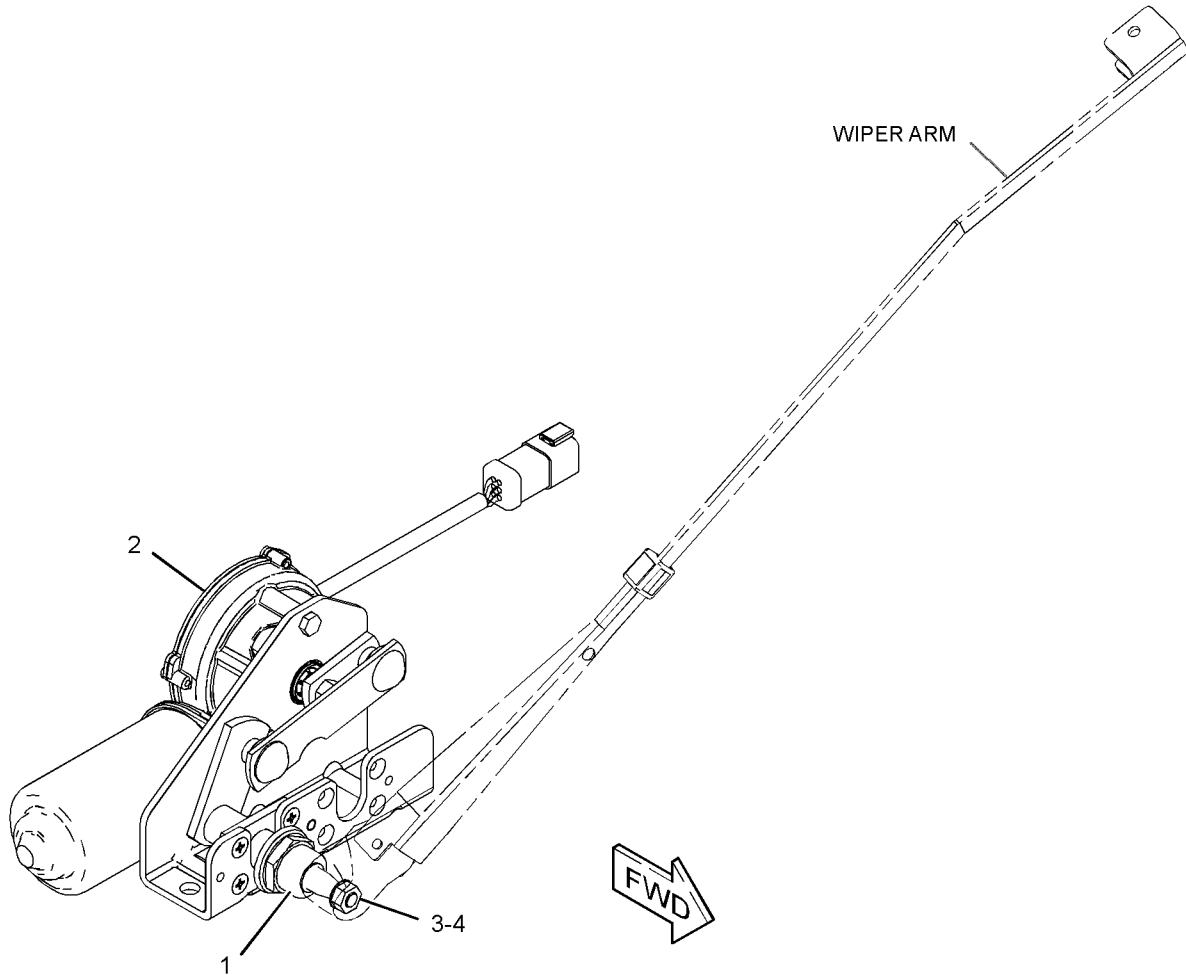
PART OF 364-2813 WIPER & WASHER GP-WINDOW

SMCS-7305

i04280930

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	194-3710	1	CAP-WIPER						
	2	1	328-2264	1	MOTOR GP-WINDOW WIPER (FRONT)						
		1	8T-8737	1	PLUG-SEAL						
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	186-3735	5	PIN-CONNECTOR (16-GA TO 18-GA)						
	3	1	3F-9556	1	LOCKWASHER						
M	4	1	5C-7261	1	NUT (M8X1.25-THD)						

M-METRIC PART



GRAPHIC #1

<END>

g01529205

OPERATOR STATION

139-4593 MOUNTING GP-ROPS

S/N: T4R1-UP

PART OF 291-8689 INSTALLATION AR-MACHINE

SMCS-7266

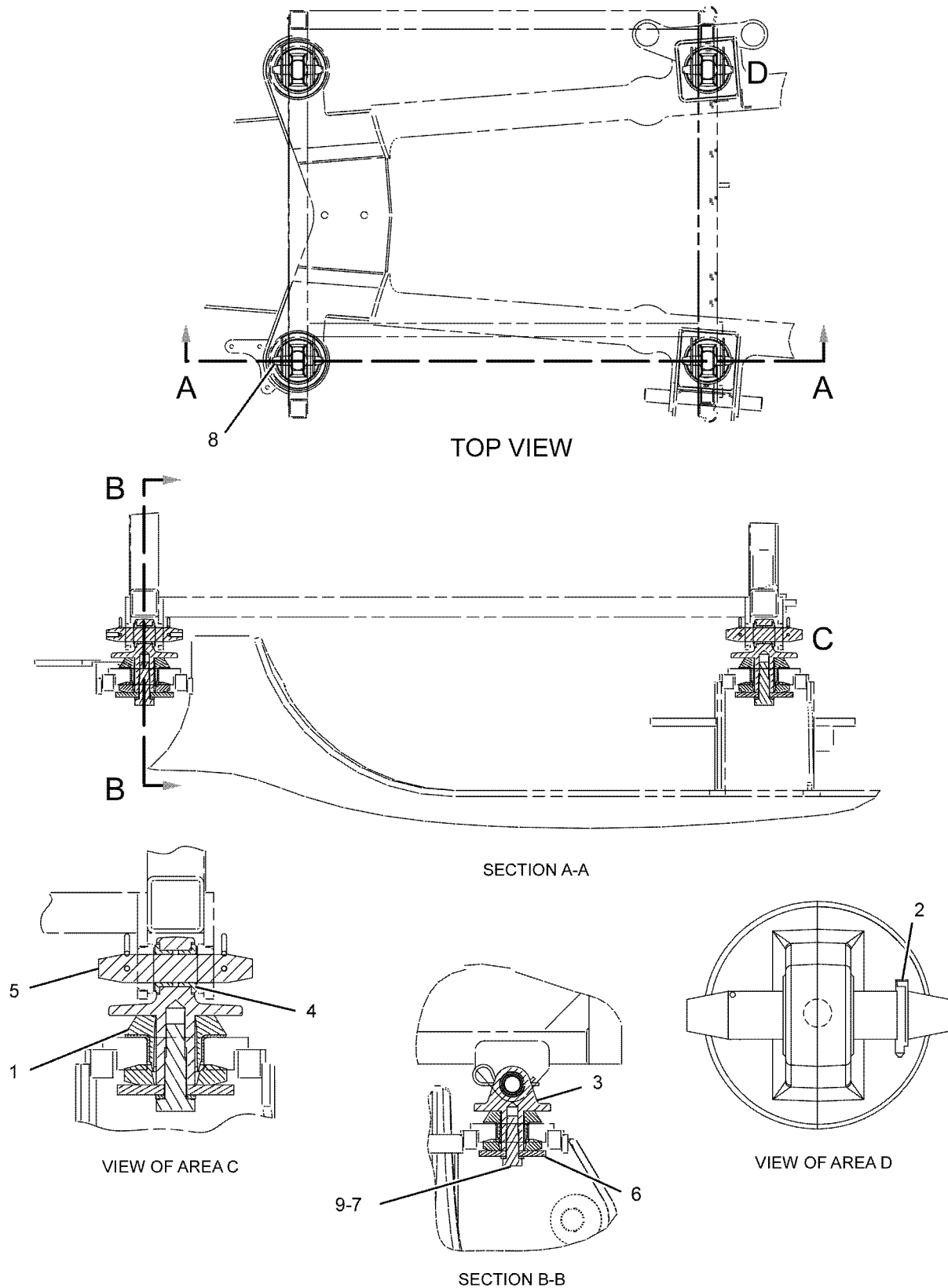
i04127049

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	1	1	9W-9941	4	MOUNT AS						
	2	1	103-5796	4	PIN-KEEPER						
	3	1	149-4614	4	MOUNT						
	4	1	149-4615	8	SPACER						
	5	1	149-4616	3	PIN						
	6	1	171-7097	4	WASHER (28X165X12-MM THK)						
	7	1	189-1942	4	BOLT (M41.28X1.27X92.47MM)						
	8	1	190-3509	1	PIN						
	9	1	5P-8250	4	WASHER (28X49X5-MM THK)						
C-CHANGE FROM PREVIOUS TYPE											

OPERATOR STATION

139-4593 MOUNTING GP-ROPS (contd.)

i04127049



GRAPHIC #1

<END>

g01104034

OPERATOR STATION

275-6658 PAN GP-DRAIN-AIR CONDITIONER

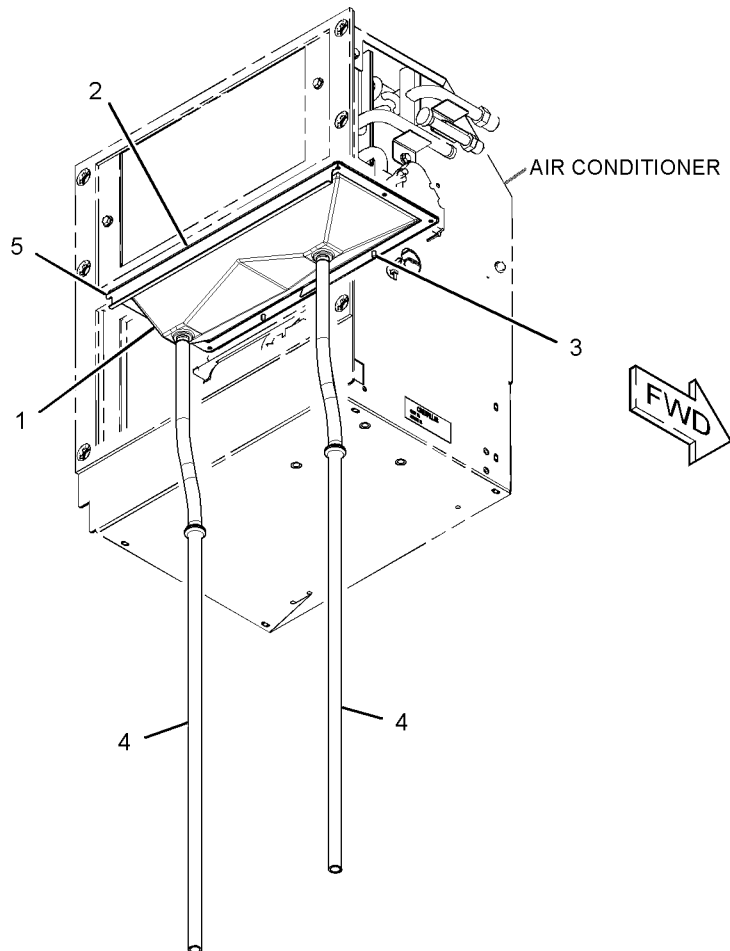
S/N: T4R1-UP

PART OF 329-8940 AIR CONDITIONER GP

SMCS-7320

i02639468

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	157-2501	1	PAN-DRAIN						
	2	1	247-8272	1	GASKET						
	3	1	247-8302	4	RIVET						
	4	1	275-6684	2	TUBE AS						
	5	1	275-6686	1	PLATE						



GRAPHIC #1

<END>

g01324453

OPERATOR STATION

348-3684 PAN GP-SEAT-DELUXE

S/N: T4R1-UP

PART OF 347-8768, 347-8769 SEAT GP-SUSPENSION
ALSO AN ATTACHMENT

SMCS-7312, 7321

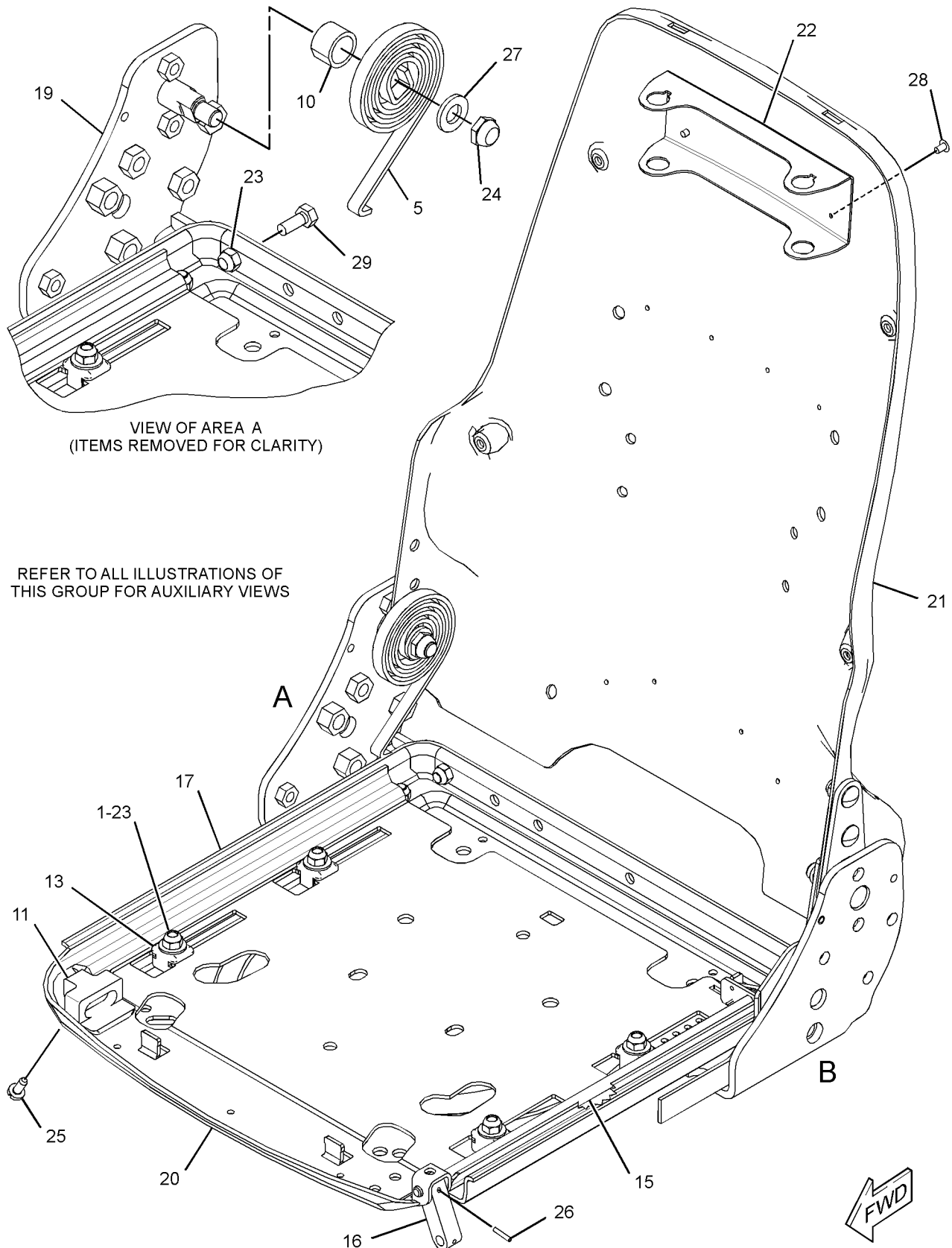
i04280636

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4B-4278	4	WASHER (10.2X20.5X1.6-MM THK)						
M	2	2	105-3481	2	BOLT-SOCKET HEAD (M8X1.25X20-MM)						
	3	2	164-1249	1	LEVER AS (RECLINER CONTROL)						
	4	2	164-1251	1	SPRING						
	5	1	164-1252	1	SPRING						
	6	2	164-1253	1	PLATE						
	7	2	164-1254	1	SECTOR						
	8	2	164-1255	1	SECTOR						
	9	2	164-1256	2	SPACER (19X25.4X12.5-MM THK)						
	10	1	164-1257	1	SPACER (19.4X25.4X15.9-MM THK)						
	11	1	164-1274	1	BLOCK						
	12	2	180-5785	1	SPRING						
	13	1	180-5786	4	PUCK						
	14	2	180-5789	1	NUT						
	15	1	324-9976	1	LATCH						
	16	1	324-9977	1	LINK						
	17	1	348-3685	1	PAN AS						
	18	2	348-3686	1	BRACKET AS (LH)						
	19	1	348-3687	1	BRACKET AS (RH)						
	20	1	348-3697	1	PAN AS						
	21	1	348-4094	1	PAN						
	22	1	350-7591	1	BRACKET						
M	23	1, 2	3T-0852	12	LOCKNUT (M8X1.25-THD)						
M	24	1, 2	129-3180	2	LOCKNUT (M12X1.75-THD)						
	25	1	2P-7864	1	SCREW-TAPPING						
	26	1	4H-1641	1	PIN-SPRING						
	27	1, 2	5P-8245	2	WASHER-HARD (13.5X25.5X3-MM THK)						
	28	1	6C-3678	4	RIVET						
M	29	1	8T-4189	2	BOLT (M8X1.25X20-MM)						
M-METRIC PART											

OPERATOR STATION

348-3684 PAN GP-SEAT (contd.)

i04280636



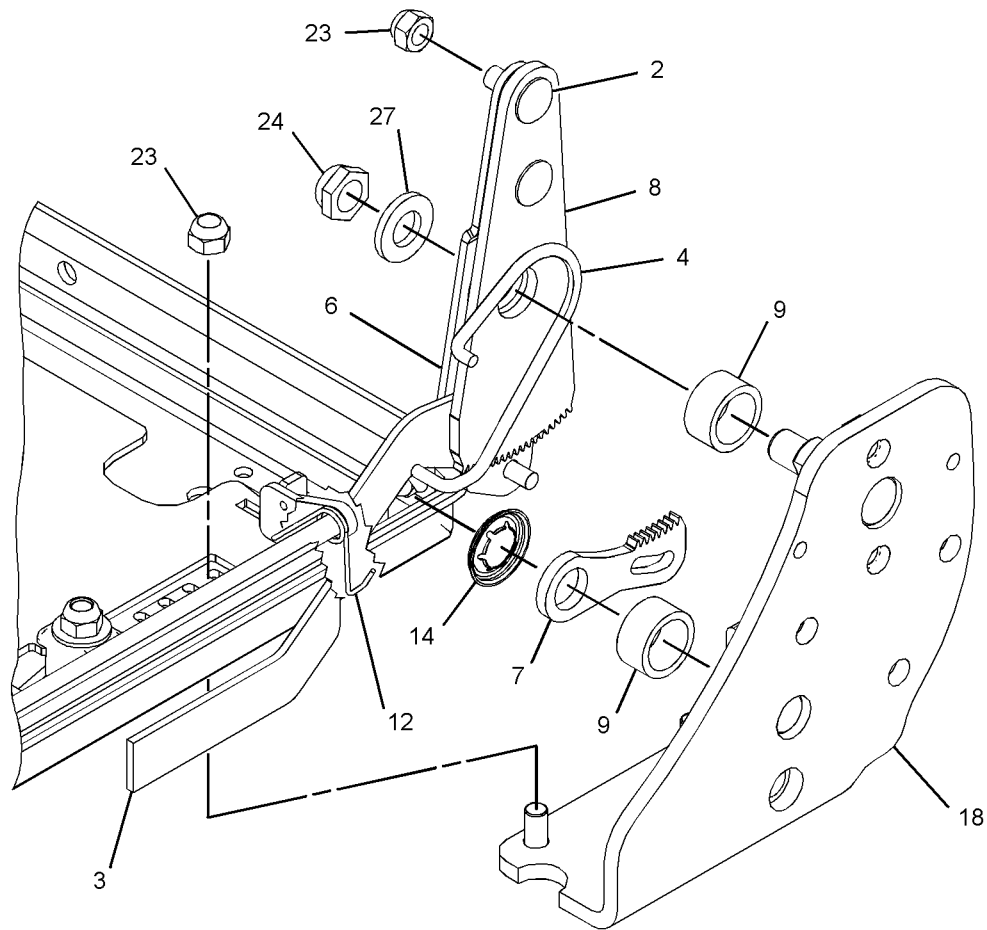
GRAPHIC #1

g02406239

OPERATOR STATION

348-3684 PAN GP-SEAT (contd.)

i04280636



VIEW OF AREA B
(ITEMS REMOVED FOR CLARITY)

<END>

GRAPHIC #2

g02406516

OPERATOR STATION

354-0728 PANEL GP-CAB

S/N: T4R1-UP

PART OF 291-8689 INSTALLATION AR-MACHINE

SMCS-7301

i04171584

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2R-2376	2	WASHER (7X16X0.8-MM THK)						
	2	1	8C-6368	2	SCREW AS-WING						
	3	1	279-8124	2	GASKET-TOP						
	4	1	280-2591	2	GASKET (SIDE)						
	5	1	354-0749	1	PANEL AS						
		1	7K-4201	2	NUT-SPEED						
	6	1	358-8803	1	COVER AS						
	7	1	363-7682	1	PLATE						
	8	1	5P-4115	1	WASHER-HARD (7.2X19X2-MM THK)						
	9	1	7F-6998	3	LOCKWASHER						
	10	1	7X-0578	8	WASHER-HARD (10.2X32X2.5-MM THK)						
M	11	1	8T-4136	11	BOLT (M10X1.5X25-MM)						
M	12	1	8T-4138	1	BOLT (M6X1X20-MM)						
E	13	1	3E-6600		SEAL (51-CM)						
N	14	1	136-7728		SEAL-COMPOSITE (6-DM)						
N	14A	1	136-7728		SEAL-COMPOSITE (16-DM)						

E-ORDER BY THE CENTIMETER

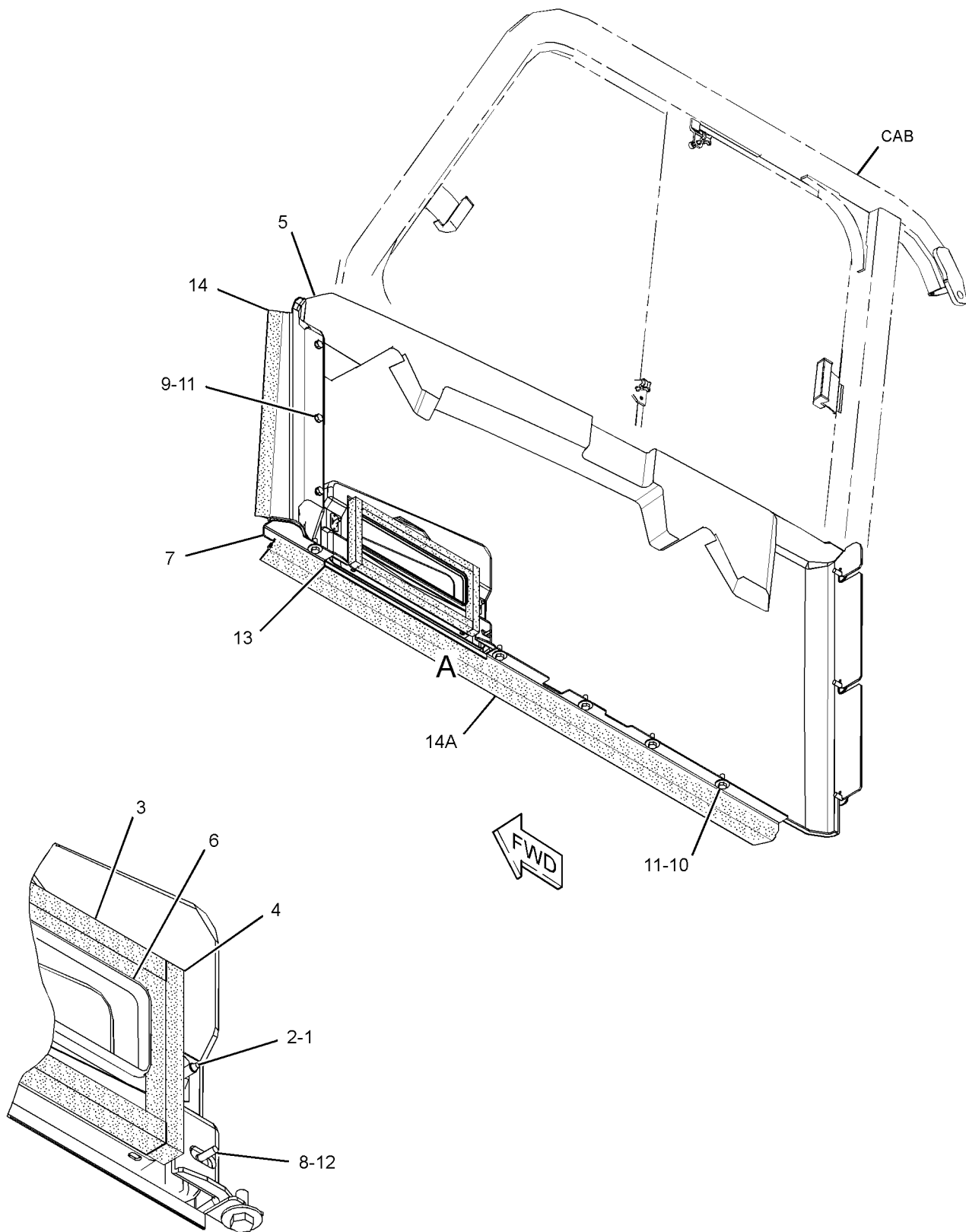
M-METRIC PART

N-ORDER BY THE DECIMETER

OPERATOR STATION

354-0728 PANEL GP-CAB (contd.)

i04171584



VIEW OF AREA A

GRAPHIC #1

<END>

g02405081

OPERATOR STATION

352-6567 PEDAL GP-BRAKE-SERVICE

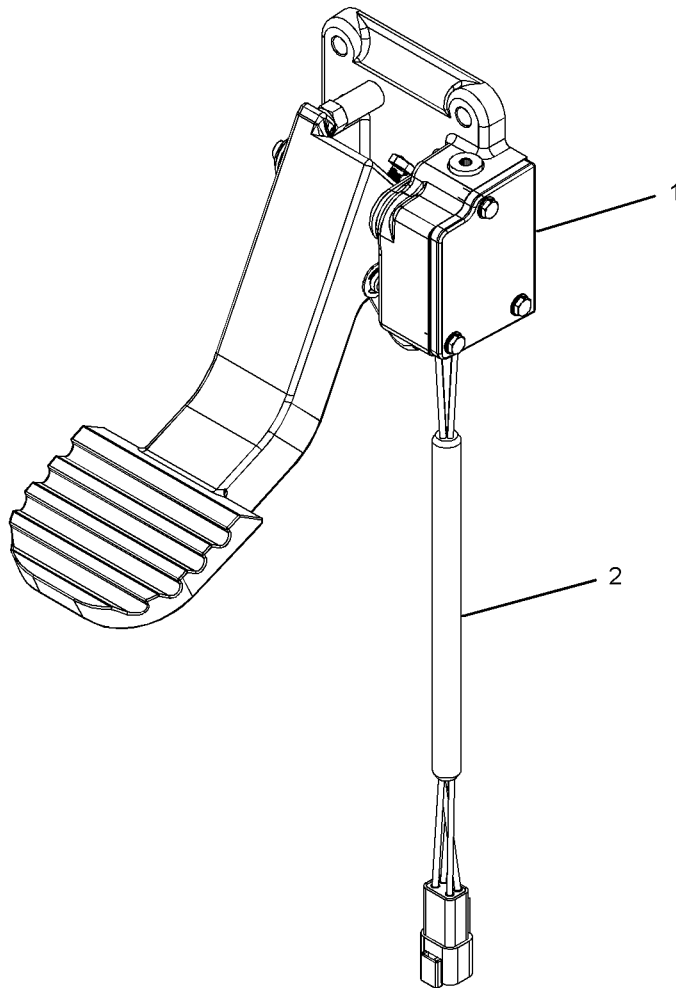
S/N: T4R1-UP

PART OF 351-0628 VALVE GP-BRAKE CONTROL
ALSO AN ATTACHMENT

SMCS-4269, 4290

i04089790

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	105-6117	2	SWITCH AS-LIMIT (STOP LIGHT)						
	2	1	114-9493	1	HARNESS AS-BRAKE (LEFT FT BRAKE BASE)						
		1	8C-8514	1	SCREW-MACHINE (8-32X0.375-IN)						
		1	8T-8729	4	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	006-2884	4	TERMINAL-BLADE (16-GA TO 20-GA)						
					AVAILABLE REPAIR KIT(S):						
			357-9364	1	KIT-REPAIR (BRAKE PEDAL)						
					(INCLUDES SHAFT AS, BEARING AS, O-RINGS, RETAINER RINGS, BEARINGS, SEAL & SCREW)						



GRAPHIC #1

<END>

g02310613

OPERATOR STATION

299-6420 PEDAL GP-GOVERNOR

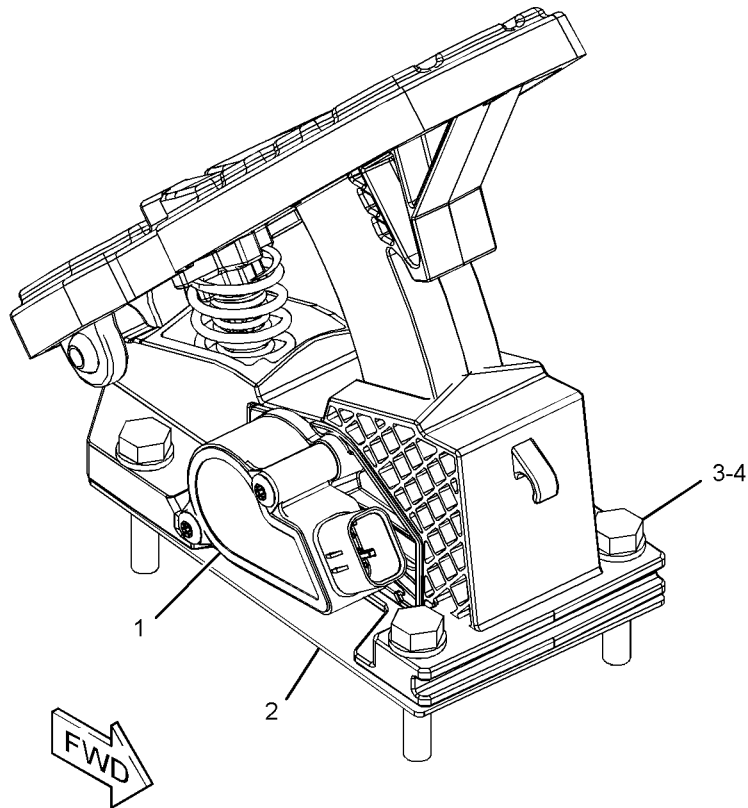
S/N: T4R1-UP

PART OF 324-7002 CAB AR

SMCS-1276

i04172051

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	262-5778	1	PEDAL	GP-GOVERNOR					
		1	269-1983	1		SENSOR GP-POSITION	(THROTTLE)				
		1	292-9802	1		COVER					
	2	1	327-9256	1	PLATE						
M	3	1	6V-5219	4	BOLT	(M8X1.25X40-MM)					
	4	1	9M-1974	4	WASHER-HARD	(8.8X16X2-MM THK)					
M-METRIC PART											



GRAPHIC #1

<END>

g02383497

OPERATOR STATION

331-5291 RADIO GP-AM/FM/WB/CD PLAYER

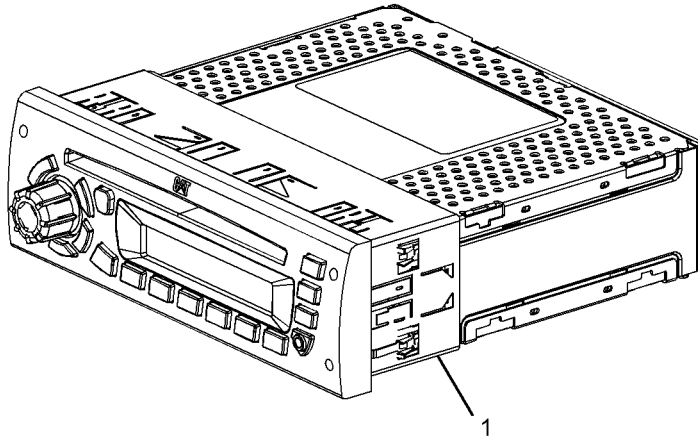
S/N: T4R1-UP

PART OF 328-4122 INSTALLATION GP-RADIO
FOR USE WITH INSTALLATION GP-RADIO
AN ATTACHMENT

SMCS-7338

i03466569

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	192-7054	1	SLEEVE						



GRAPHIC #1

<END>

g01813033

OPERATOR STATION

324-7005 ROPS GP

S/N: T4R1-UP

PART OF 324-7002 CAB AR

SMCS-7301

i04228850

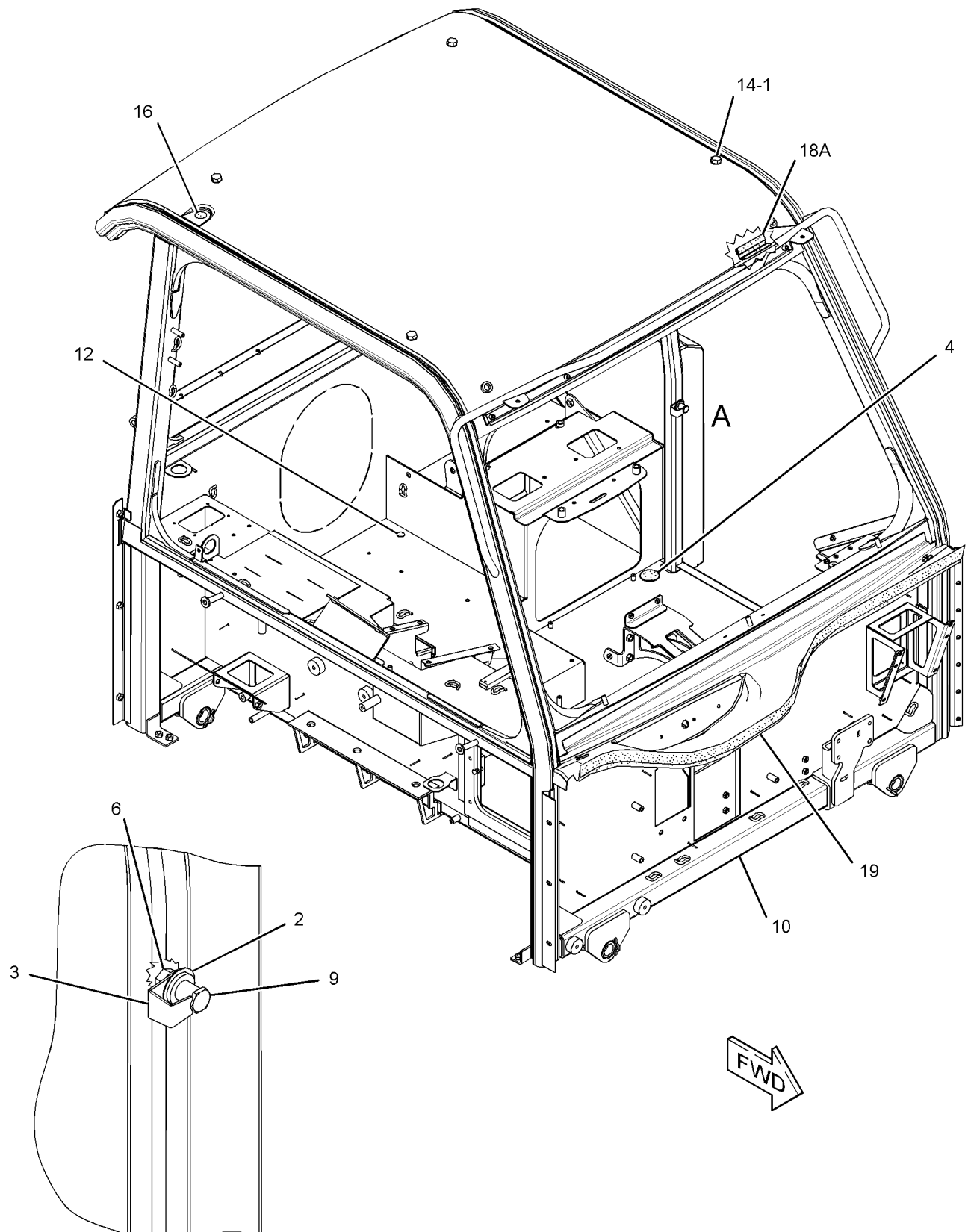
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8N-4409	4	WASHER (16.89X27.05X1.91-MM THK)						
B	2	1	8T-0318	1	SHIM (0.8-MM THK)						
	3	1	8Y-6385	1	SHIELD-STRIKER						
	4	1	140-9628	5	PLUG						
	5	2	180-1546	1	PLATE-COVER						
M	6	1	184-0983	1	NUT-HEX FLANGE (M12X1.75-THD)						
	7	2	186-0134	1	PLATE AS						
M		2	6V-9632	2	NUT-WELD (M6X1-THD)						
	8	2	186-0256	1	PLATE AS-COVER						
M		2	6V-9632	1	NUT-WELD (M6X1-THD)						
	9	1	8T-4157	1	STRIKER AS						
		1	8T-4158	1	WASHER-SPECIAL						
	10	1	330-3996	1	CAB AS-ROPS						
	11	2	331-1125	1	PANEL						
	12	1	363-7681	1	PLUG						
M	13	2	6V-5217	4	BOLT (M8X1.25X20-MM)						
M	14	1	7X-2552	4	BOLT (M16X2X30-MM)						
	15	2	9M-1974	4	WASHER-HARD (8.8X16X2-MM THK)						
	16	1	9R-5615	1	PLUG						
M	17	2	9X-2044	3	SCREW-TRUSS HEAD (M6X1X16-MM)						
E	18	2	3E-6600		SEAL (126.5-CM)						
E	18A	1	3E-6600		SEAL (10-CM)						
E	18B	2	3E-6600		SEAL (25.5-CM)						
L	19	1	136-7728		SEAL-COMPOSITE (16-DM)						

B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER
L-ORDER BY THE DECIMETER
M-METRIC PART

OPERATOR STATION

324-7005 ROPS GP (contd.)

i04228850



VIEW OF AREA A

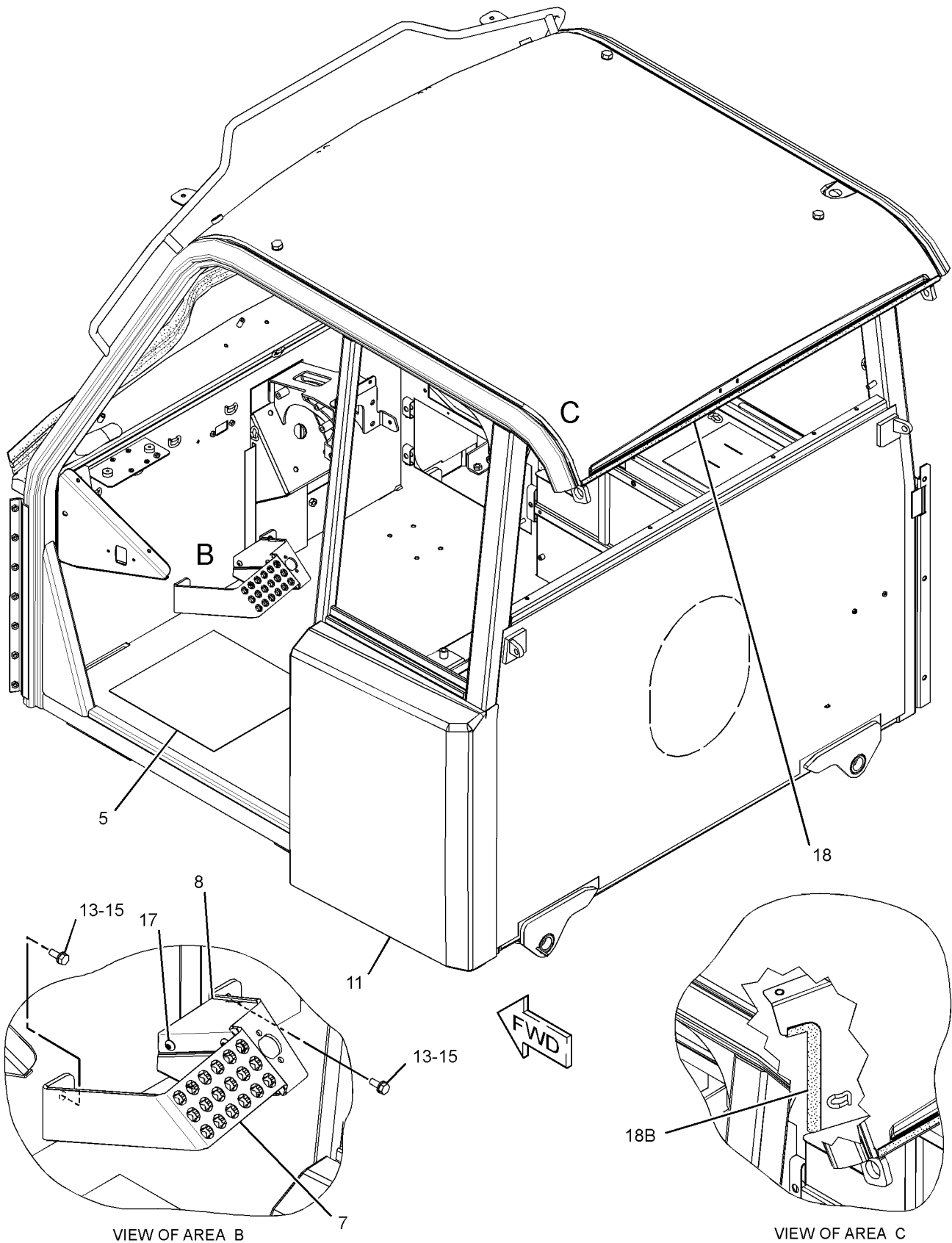
GRAPHIC #1

g02416522

OPERATOR STATION

324-7005 ROPS GP (contd.)

i04228850



GRAPHIC #2

<END>

g02416524

OPERATOR STATION

324-7017 SEAT & MOUNTING GP-STANDARD

S/N: T4R1-UP

PART OF 324-7002 CAB AR

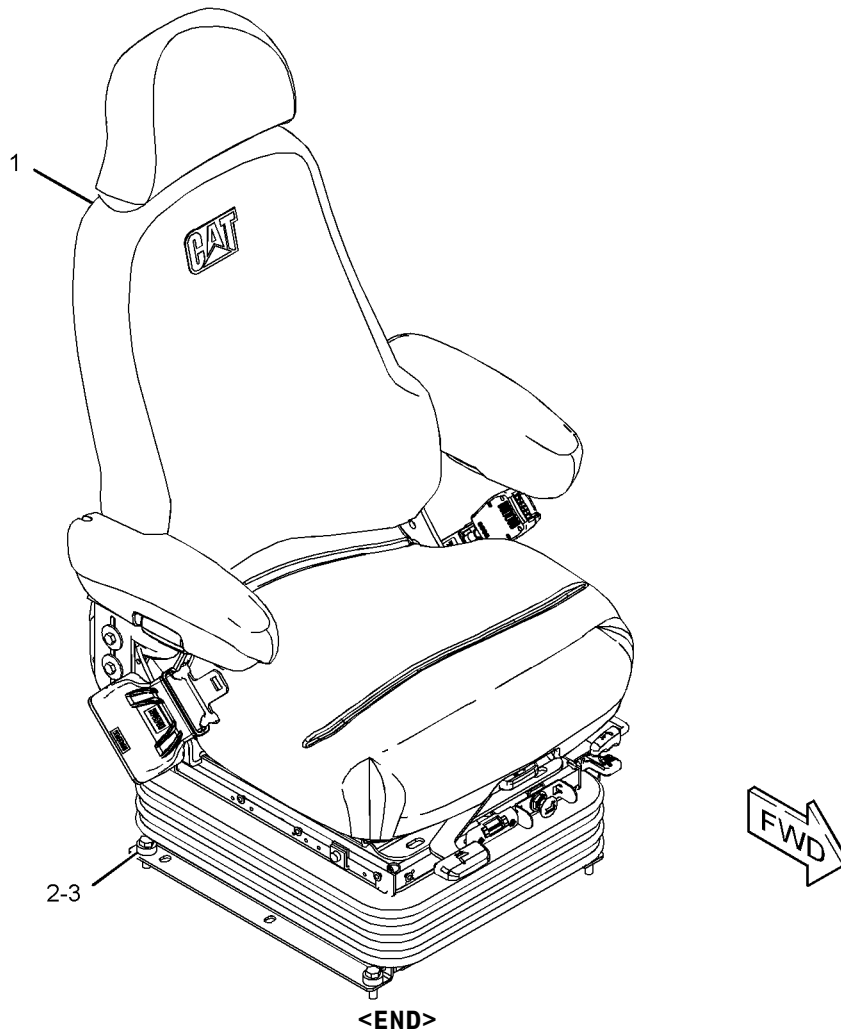
SMCS-7312

i04171146

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	347-8766	1	SEAT GP-SUSPENSION (FABRIC)	758
	2	1	198-4777	4	WASHER-HARD (11X25X10-MM THK)	
M	3	1	8T-4196	4	BOLT (M10X1.5X35-MM)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

g02399697

OPERATOR STATION

338-2342 SEAT & MOUNTING GP-FABRIC, HEATED

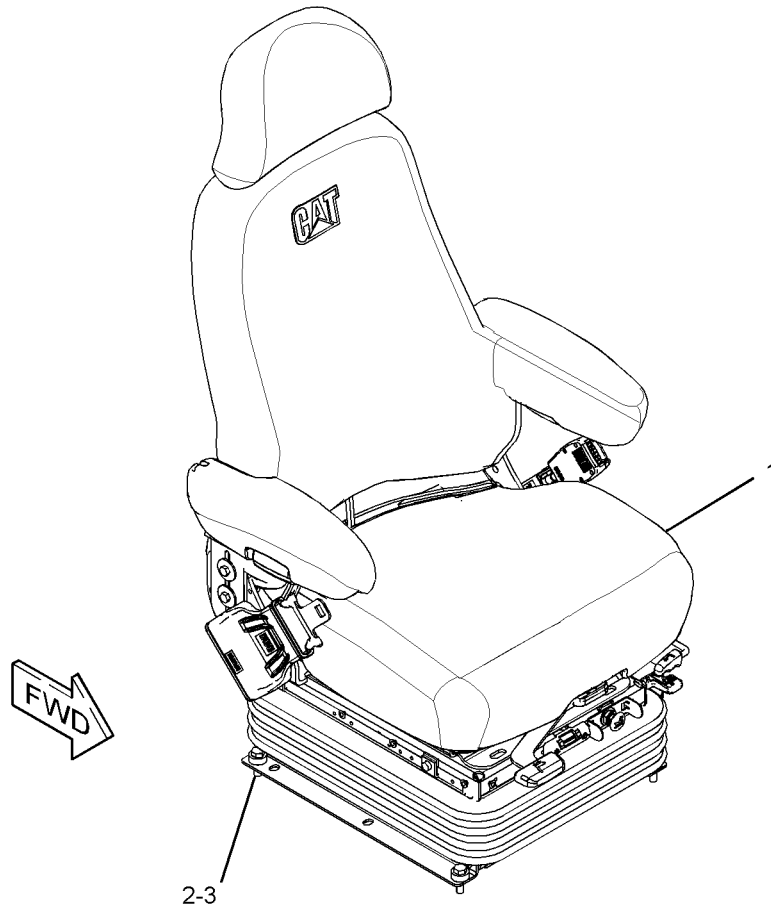
S/N: T4R1-UP
AN ATTACHMENT

SMCS-7312

i04217893

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	347-8767	1	SEAT GP-SUSPENSION (FABRIC, HEATED)	760
	2	1	198-4777	4	WASHER-HARD (11X25X10-MM THK)	
M	3	1	8T-4196	4	BOLT (M10X1.5X35-MM)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02415238

OPERATOR STATION

258-4096 SEAT BELT GP-RETRACTABLE

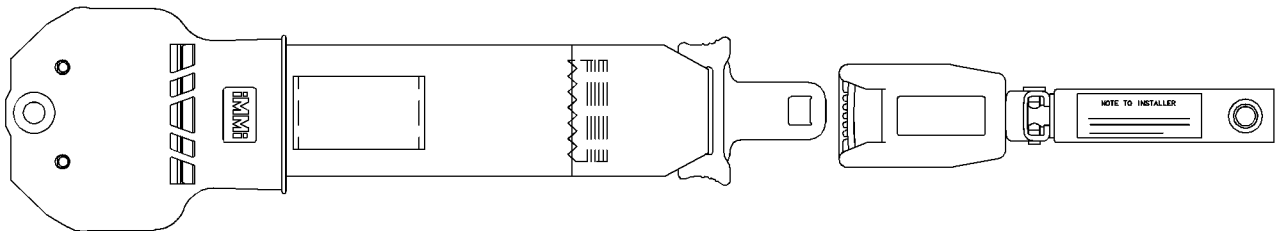
S/N: T4R1-UP

PART OF 324-7019 SEAT GP-COMPANION

SMCS-7327

i03505761

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
F			2D-6412	2	WASHER (7/16X15/16X1/4-IN THK)						
F			8S-0934	2	LOCKNUT-FLANGE (7/16-20-THD)						
F			8S-4723	2	BOLT (7/16-20X1.5-IN)						
F			8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						
F-NOT SHOWN											



GRAPHIC #1

<END>

g01196135

OPERATOR STATION

353-6193 SEAT BELT GP-RETRACTABLE, 3-IN

S/N: T4R1-UP

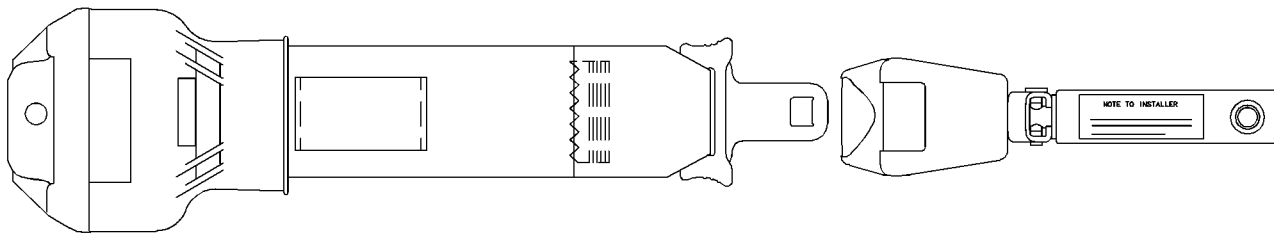
PART OF 347-8766, 347-8767 SEAT GP-SUSPENSION
ALSO AN ATTACHMENT

SMCS-7327

i04171582

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
F			1S-4305	1	WASHER (0.531X1X0.56-IN THK)						
F			7X-0599	3	WASHER-HARD (13X20X2-MM THK)						
FM			8T-4184	1	BOLT (M12X1.75X45-MM)						
F			209-6299	1	ANGLE						
F			267-4850	1	BOLT (M12X1.75X55-MM)						

F-NOT SHOWN
M-METRIC PART



GRAPHIC #1

<END>

g02407742

OPERATOR STATION

324-7019 SEAT GP-COMPANION

S/N: T4R1-UP

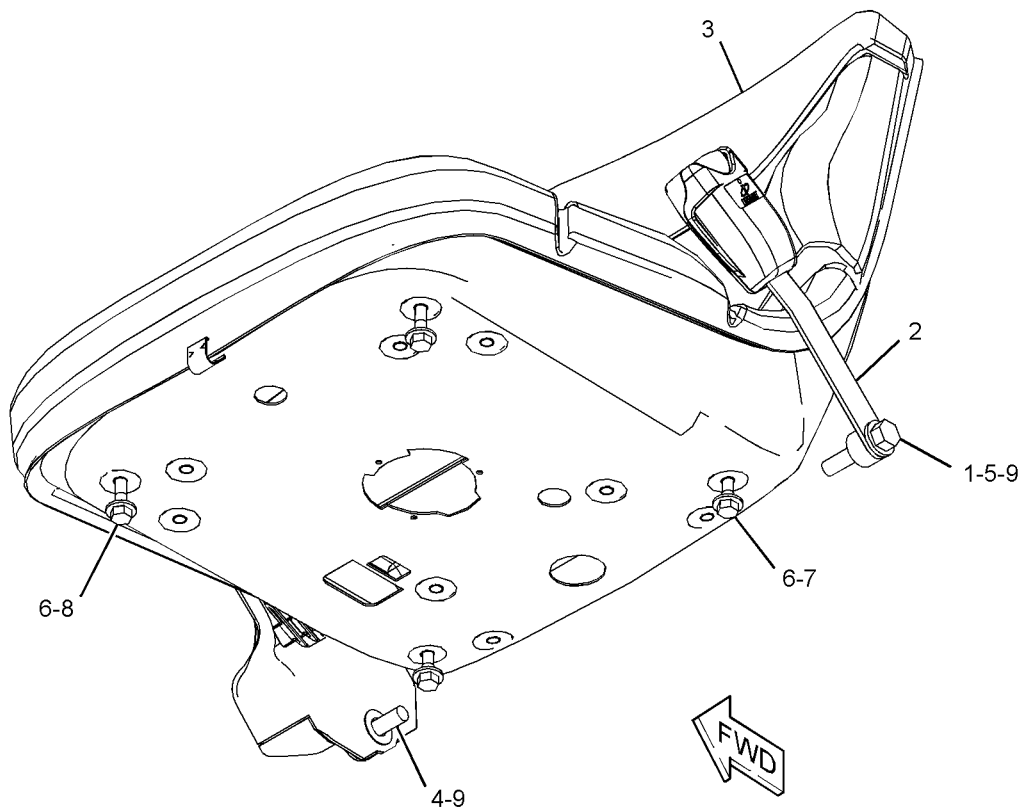
PART OF 324-7002 CAB AR

SMCS-7312, 7327

i04171147

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	1S-4305	1	WASHER (0.531X1X0.56-IN THK)	
Y	2	1	258-4096	1	SEAT BELT GP (RETRACTABLE)	755
	3	1	348-1791	1	SEAT GP-COMPANION (CLOTH)	
	4	1	0T-0244	1	BOLT (7/16-20X1.25-IN)	
	5	1	0T-0489	1	BOLT (7/16-20X2-IN)	
	6	1	5P-4116	4	WASHER-HARD (8.8X20.5X2-MM THK)	
	7	1	6V-8918	2	BOLT (5/16-18X1.25-IN)	
	8	1	8C-6561	2	BOLT (5/16-18X1.375-IN)	
	9	1	8T-4223	3	WASHER-HARD (13.5X25.5X3-MM THK)	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02399978

OPERATOR STATION

347-8766 SEAT GP-SUSPENSION-FABRIC

S/N: T4R1-UP

PART OF 324-7017 SEAT & MOUNTING GP

SMCS-7324, 7336

i04171570

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	1S-4305	1	WASHER (0.531X1X0.56-IN THK)	
	2	1	149-4745	2	KIT-SLIDER BLOCK (SUSPENSION SEAT) (EACH INCLUDES SLIDER BLOCKS & BOLT)	
	3	1	161-9289	2	BLOCK-SLIDER	
	4	1	173-5787	2	SETSCREW (1/4-20-THD)	
	5	1	195-7055	10	WASHER-HARD (9.9X28.5X3.2-MM THK)	
	6	1	209-6299	1	ANGLE	
	7	1	234-3017	2	BOLT (3/8-16X0.875-IN)	
	8	1	267-4850	1	BOLT (M12X1.75X55-MM)	
Y	9	1	347-8750	1	ADJUSTER GP-SEAT	698
Y	10	1	347-8768	1	SEAT GP-SUSPENSION (DELUXE, CLOTH)	762
Y	11	1	347-8771	1	SUSPENSION GP-SEAT (AIR, HEATED)	766
Y	12	1	353-6193	1	SEAT BELT GP (RETRACTABLE, 3-IN)	756
	13	1	030-8294	2	SCREW-BUTTON HEAD (5/16-18-THD)	
	14	1	031-4155	2	LOCKNUT (5/16-18-THD)	
	15	1	171-1230	2	SCREW-BUTTON HEAD (3/8-16X1-IN)	
	16	1	2K-4973	4	LOCKNUT (3/8-16-THD)	
	17	1	3B-4505	2	LOCKWASHER	
	18	1	7X-0599	3	WASHER-HARD (13X20X2-MM THK)	
M	19	1	8T-4184	1	BOLT (M12X1.75X45-MM)	

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

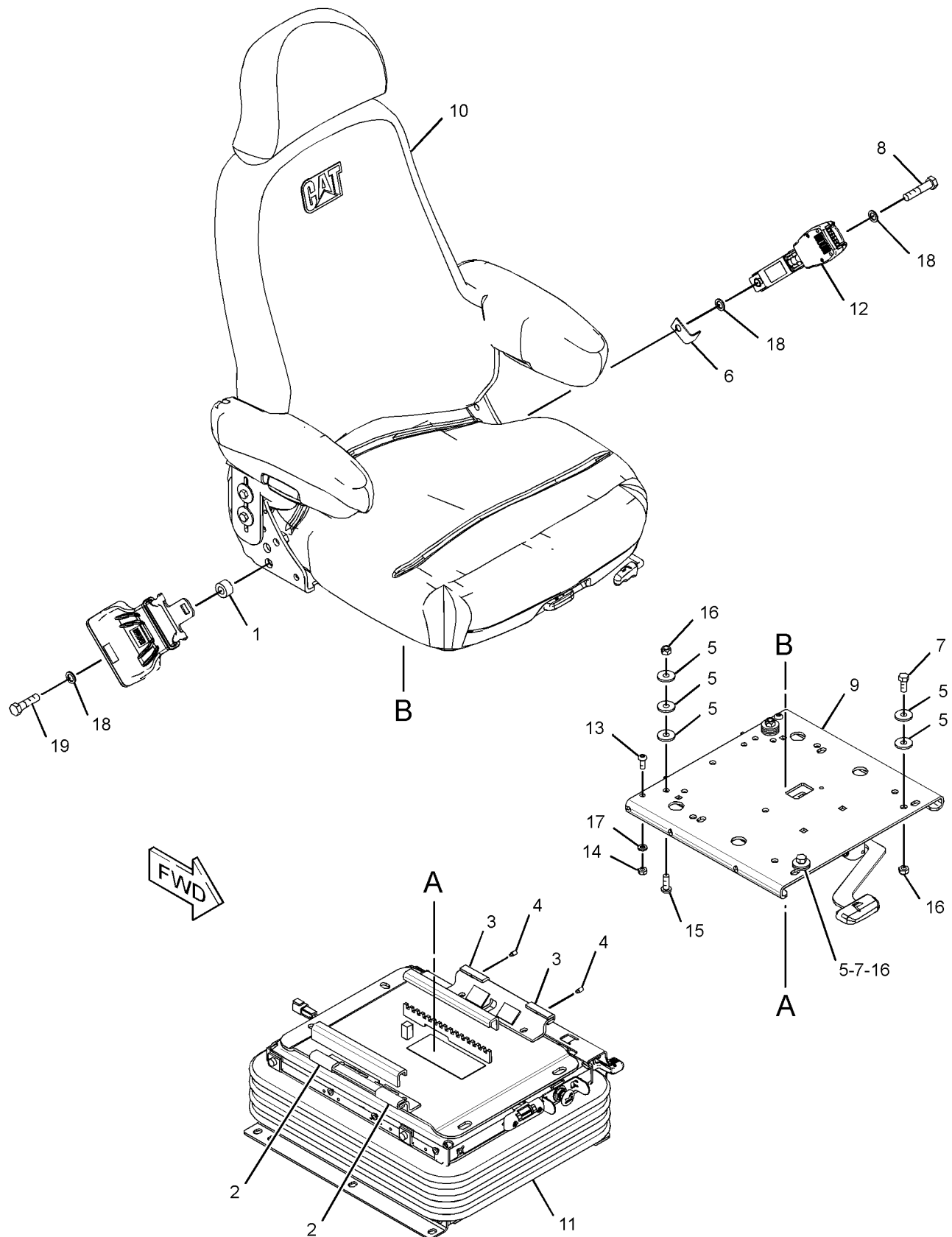
M-METRIC PART

Y-SEPARATE ILLUSTRATION

OPERATOR STATION

347-8766 SEAT GP-SUSPENSION (contd.)

i04171570



GRAPHIC #1

<END>

g02365077

OPERATOR STATION

347-8767 SEAT GP-SUSPENSION-FABRIC, HEATED

S/N: T4R1-UP

PART OF 338-2342 SEAT & MOUNTING GP
AN ATTACHMENT

SMCS-7324, 7336

i04217894

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	1S-4305	1	WASHER (0.531X1X0.56-IN THK)	
	2	1	149-4745	2	KIT-SLIDER BLOCK (SUSPENSION SEAT) (EACH INCLUDES SLIDER BLOCKS & BOLT)	
	3	1	161-9289	2	BLOCK-SLIDER	
	4	1	173-5787	2	SETSCREW (1/4-20-THD)	
	5	1	195-7055	10	WASHER-HARD (9.9X28.5X3.2-MM THK)	
	6	1	209-6299	1	ANGLE	
	7	1	234-3017	2	BOLT (3/8-16X0.875-IN)	
	8	1	241-5786	1	HARNESS AS-HEATER (SEAT)	
	9	1	267-4850	1	BOLT (M12X1.75X55-MM)	
Y	10	1	347-8750	1	ADJUSTER GP-SEAT	698
Y	11	1	347-8769	1	SEAT GP-SUSPENSION (FABRIC, HEATED)	764
Y	12	1	347-8771	1	SUSPENSION GP-SEAT (AIR, HEATED)	766
Y	13	1	353-6193	1	SEAT BELT GP (RETRACTABLE, 3-IN)	756
	14	1	030-8294	2	SCREW-BUTTON HEAD (5/16-18-THD)	
	15	1	031-4155	2	LOCKNUT (5/16-18-THD)	
	16	1	171-1230	2	SCREW-BUTTON HEAD (3/8-16X1-IN)	
	17	1	2K-4973	4	LOCKNUT (3/8-16-THD)	
	18	1	3B-4505	2	LOCKWASHER	
	19	1	7X-0599	3	WASHER-HARD (13X20X2-MM THK)	
M	20	1	8T-4184	1	BOLT (M12X1.75X45-MM)	

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

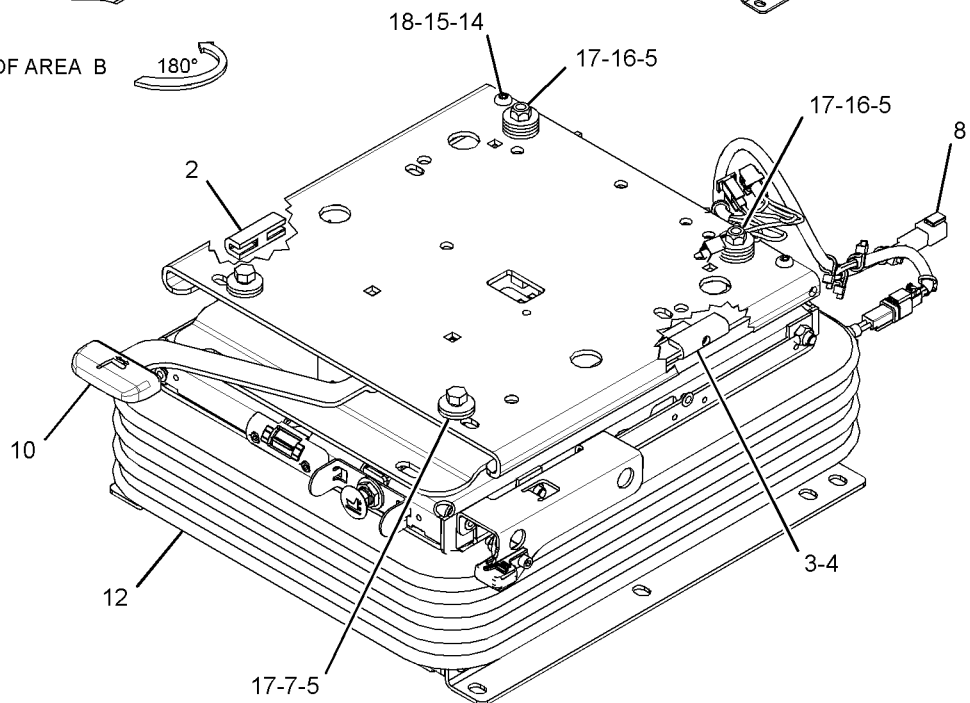
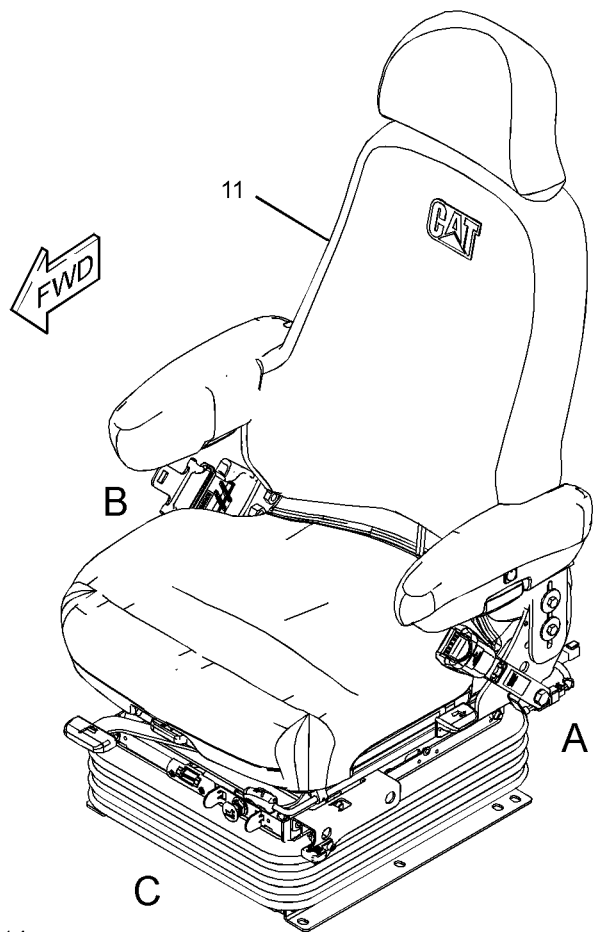
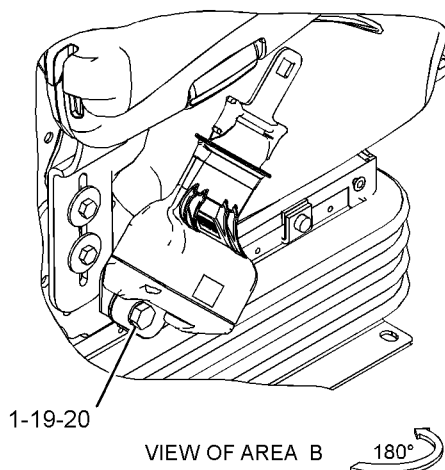
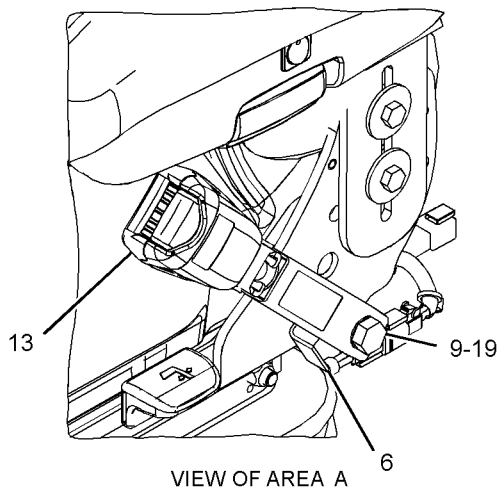
M-METRIC PART

Y-SEPARATE ILLUSTRATION

OPERATOR STATION

347-8767 SEAT GP-SUSPENSION (contd.)

i04217894



VIEW OF AREA C
(ITEMS REMOVED FOR CLARITY)

<END>

GRAPHIC #1

g02416036

OPERATOR STATION

347-8768 SEAT GP-SUSPENSION-DELUXE, CLOTH

S/N: T4R1-UP

PART OF 347-8766 SEAT GP-SUSPENSION

SMCS-7324, 7336

i04280590

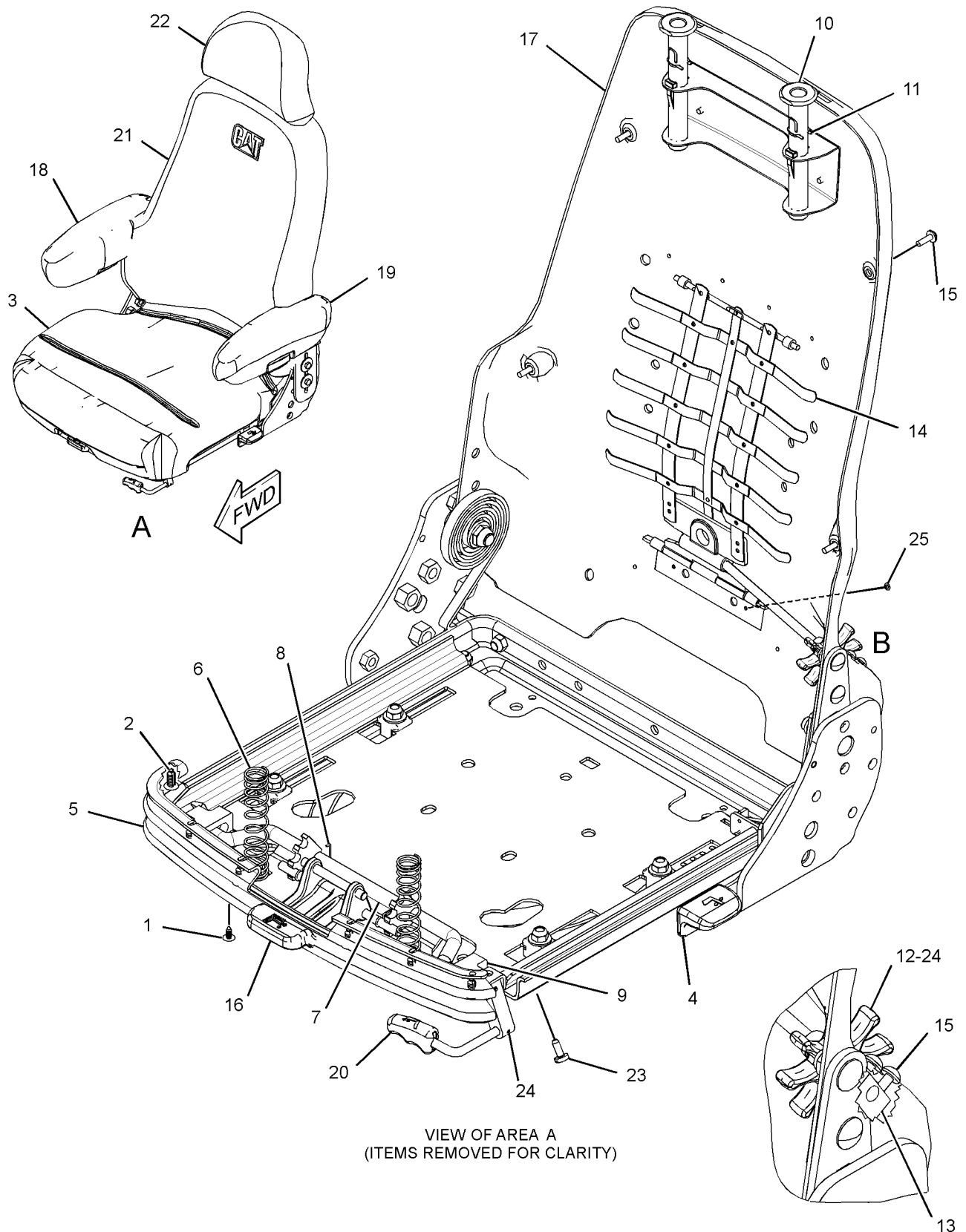
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	111-5042	3	FASTENER	
	2	1	121-3040	6	FASTENER-PANEL	
	3	1	164-1245	1	CUSHION GP-SEAT	
		1	101-0003	3	FASTENER	
		1	164-1269	1	BOOT	
		1	164-1272	1	ROD AS	
		1	164-1273	2	SPRING-EXTENSION	
	4	1	164-1250	1	HANDLE	
	5	1	164-1269	1	BOOT	
	6	1	164-1271	2	SPRING	
	7	1	164-1272	1	ROD AS	
	8	1	164-1273	2	SPRING-EXTENSION	
	9	1	164-1274	1	BLOCK	
	10	1	164-1276	2	TUBE	
	11	1	164-1277	2	CLIP-SPRING	
	12	1	180-5787	1	KNOB	
	13	1	180-5788	1	BLOCK	
	14	1	180-5791	1	SUPPORT AS-SEAT (LUMBAR)	
	15	1	195-9223	6	SCREW-PAN HEAD	
	16	1	260-0028	1	LEVER-TILT (BOTTOM)	
Y	17	1	348-3684	1	PAN GP-SEAT (DELUXE)	742
Y	18	1	348-3688	1	ARMREST GP (RH)	708
Y	19	1	348-3689	1	ARMREST GP (LH)	709
	20	1	349-4958	1	HANDLE AS	
	21	1	350-7592	1	CUSHION AS-BACK	
	22	1	350-7593	1	HEADREST AS-SEAT	
	23	1	2P-7864	1	SCREW-TAPPING	
	24	1	4H-1641	2	PIN-SPRING	
	25	1	6C-3677	2	RIVET-POP	

Y-SEPARATE ILLUSTRATION

OPERATOR STATION

347-8768 SEAT GP-SUSPENSION (contd.)

i04280590



GRAPHIC #1

<END>

g02405897

OPERATOR STATION

347-8769 SEAT GP-SUSPENSION-FABRIC, HEATED

S/N: T4R1-UP

**PART OF 347-8767 SEAT GP-SUSPENSION
AN ATTACHMENT**

SMCS-7324, 7336

i04280591

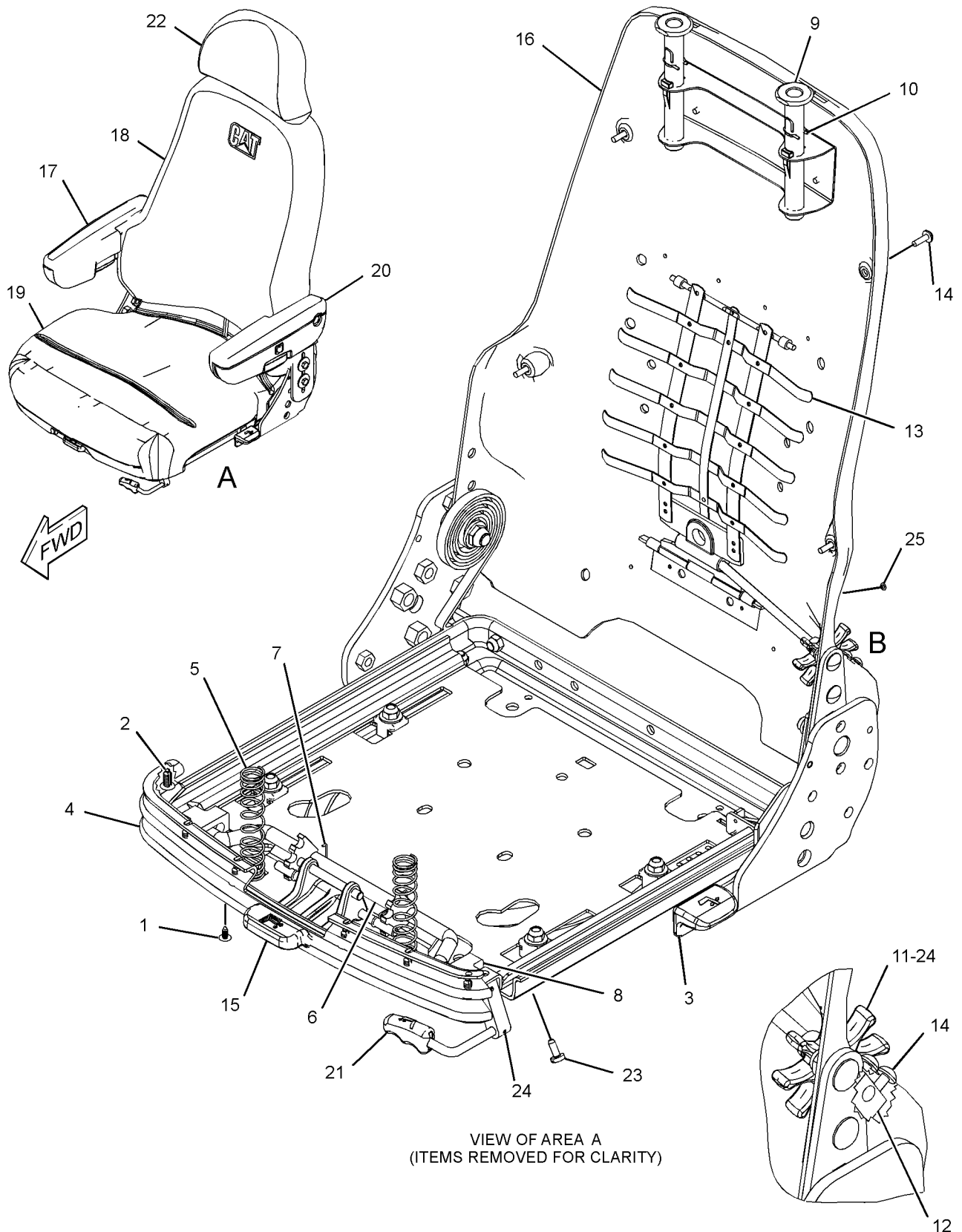
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	111-5042	3	FASTENER						
	2	1	121-3040	6	FASTENER-PANEL						
	3	1	164-1250	1	HANDLE						
	4	1	164-1269	1	BOOT						
	5	1	164-1271	2	SPRING						
	6	1	164-1272	1	ROD AS						
	7	1	164-1273	2	SPRING-EXTENSION						
	8	1	164-1274	1	BLOCK						
	9	1	164-1276	2	TUBE						
	10	1	164-1277	2	CLIP-SPRING						
	11	1	180-5787	1	KNOB						
	12	1	180-5788	1	BLOCK						
	13	1	180-5791	1	SUPPORT AS-SEAT (LUMBAR)						
	14	1	195-9223	6	SCREW-PAN HEAD						
	15	1	260-0028	1	LEVER-TILT (BOTTOM)						
Y	16	1	348-3684	1	PAN GP-SEAT (DELUXE)						742
Y	17	1	348-3688	1	ARMREST GP (RH)						708
	18	1	348-8933	1	CUSHION AS-BACK						
	19	1	348-8934	1	CUSHION AS-SEAT						
Y	20	1	349-4002	1	ARMREST GP (LH)						710
	21	1	349-4958	1	HANDLE AS						
	22	1	350-7593	1	HEADREST AS-SEAT						
	23	1	2P-7864	1	SCREW-TAPPING						
	24	1	4H-1641	2	PIN-SPRING						
	25	1	6C-3677	2	RIVET-POP						

Y-SEPARATE ILLUSTRATION

OPERATOR STATION

347-8769 SEAT GP-SUSPENSION (contd.)

i04280591



VIEW OF AREA A
(ITEMS REMOVED FOR CLARITY)

VIEW OF AREA B

g02415976

GRAPHIC #1

<END>

OPERATOR STATION

347-8771 SUSPENSION GP-SEAT-AIR, HEATED

S/N: T4R1-UP

PART OF 347-8766, 347-8767 SEAT GP-SUSPENSION
ALSO AN ATTACHMENT

SMCS-7312, 7324

i04171572

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1, 2	3P-9900	5	WASHER (10.5X30X3-MM THK)						
	2	2	4B-4278	2	WASHER (10.2X20.5X1.6-MM THK)						
	3	2	4V-8577	12	BEARING						
	4	1	8L-8413	10	STRAP-CABLE						
	5	1	101-0003	26	FASTENER						
	6	1	145-0326	1	FILM-INSTRUCTION (SEAT ADJUSTMENT)						
	7	1	164-1234	1	PLATE						
	8	2	186-5107	2	SCREW-DRIVE (NO 8-16X1.25-IN)						
	9	1, 2	192-7752	4	SHAFT AS						
	10	1	192-7755	1	HOUSING AS (LOWER)						
	11	2	192-7767	1	SCISSORS AS						
	12	2	192-7783	1	TOGGLE AS (WIDE)						
	13	2	192-7787	1	TOGGLE AS (NARROW)						
	14	1	192-7805	1	HARNESS AS-VALVE (SEAT AIR COMPRESSOR)						
E		1	211-5358		CONDUIT-FLEXIBLE (64-CM)						
		1	8T-8729	2	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	5P-4571	2	TERMINAL-BLADE (14-GA TO 16-GA)						
15		1	192-7810	1	SPRING AS-AIR						
		1	5P-4423	1	ELBOW						
		1	163-1135	1	SPRING						
16		1, 2	192-7820	3	BUMPER						
Y	17	1	237-3970	1	AIR COMPRESSOR GP-SEAT						701
	18	2	314-5274	1	SHAFT (INNER)						
	19	2	314-5275	1	SHAFT (OUTER)						
	20	1	347-8763	1	HOUSING AS						
	21	1	108-4311	1	SCREW-MACHINE (3/8-16X0.75-IN)						
	22	1	192-7795	1	BOOT						
	23	1	237-3943	1	BRACKET						
	24	1, 2	2K-4973	8	LOCKNUT (3/8-16-THD)						
	25	1	4D-7794	1	CLIP						
M	26	1, 2	5C-2890	3	NUT (M6X1-THD)						
	27	1	8T-9371	1	BOLT (3/8-16X0.5-IN)						
D	28	1	5P-6010		TUBE (0.3-M)						
D	28A	1	5P-6010		TUBE (0.4-M)						
E	29	1	211-5358		CONDUIT-FLEXIBLE (26.7-CM)						
E	29A	1	211-5358		CONDUIT-FLEXIBLE (35.6-CM)						
					AVAILABLE REPAIR KIT(S):						
			192-7799	1	KIT-AIR VALVE (SEAT)						
					(INCLUDES PARTS MARKED J IN THE GRAPHICS)						
			213-5170	1	KIT-INDICATOR (SEAT ADJUSTMENT)						
					(INCLUDES BOLTS, NUTS, ROD, INDICATOR ARM, HOUSING, LOCKNUT & PARTS MARKED L IN THE GRAPHICS)						
			192-7848	1	KIT-SHOCK ABSORBER (SUSPENSION SEAT)						
					(INCLUDES SHOCK ABSORBER, BEARINGS, WASHERS, BOLTS, LOCKNUT, LOCKWASHER & PARTS MARKED N IN THE GRAPHICS)						
			212-7779	1	KIT-SHOCK ABSORBER (SUSPENSION SEAT)						
					(INCLUDES LOCKNUTS, BALL, LOCKWASHER, STRAP, SPRING, CLAMP, ADJUSTERS, BOLTS, BEARINGS, WASHERS, SHOCK ABSORBER, BRACKETS, PULLEY GP, CABLE AS, KNOB & PARTS MARKED R IN THE GRAPHICS)						

OPERATOR STATION

347-8771 SUSPENSION GP-SEAT (contd.)

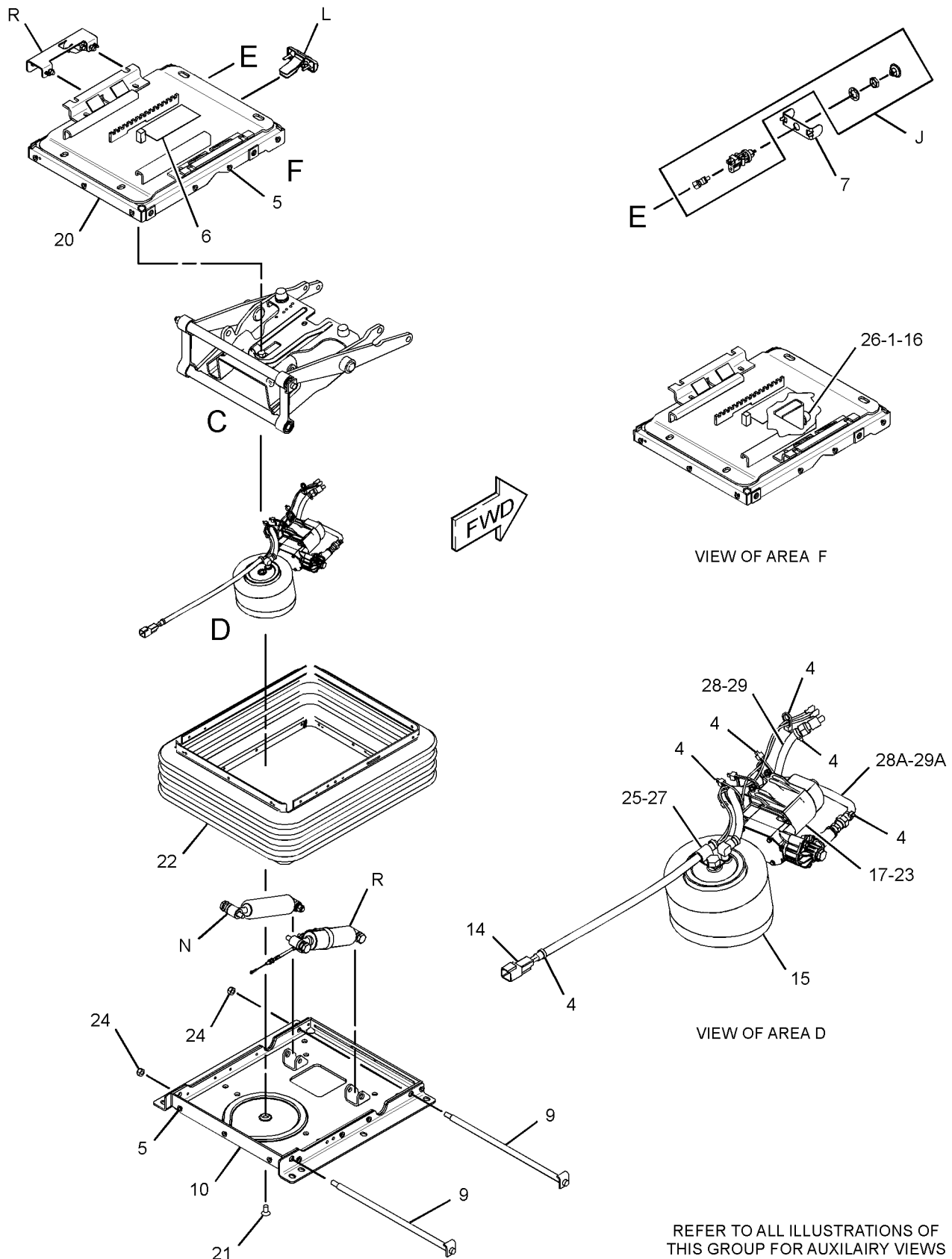
i04171572

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
			211-9294	1	KIT-TETHER (SEAT)						
					(INCLUDES TETHERS)						
D-ORDER BY THE METER											
E-ORDER BY THE CENTIMETER											
M-METRIC PART											
Y-SEPARATE ILLUSTRATION											

OPERATOR STATION

347-8771 SUSPENSION GP-SEAT (contd.)

i04171572



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

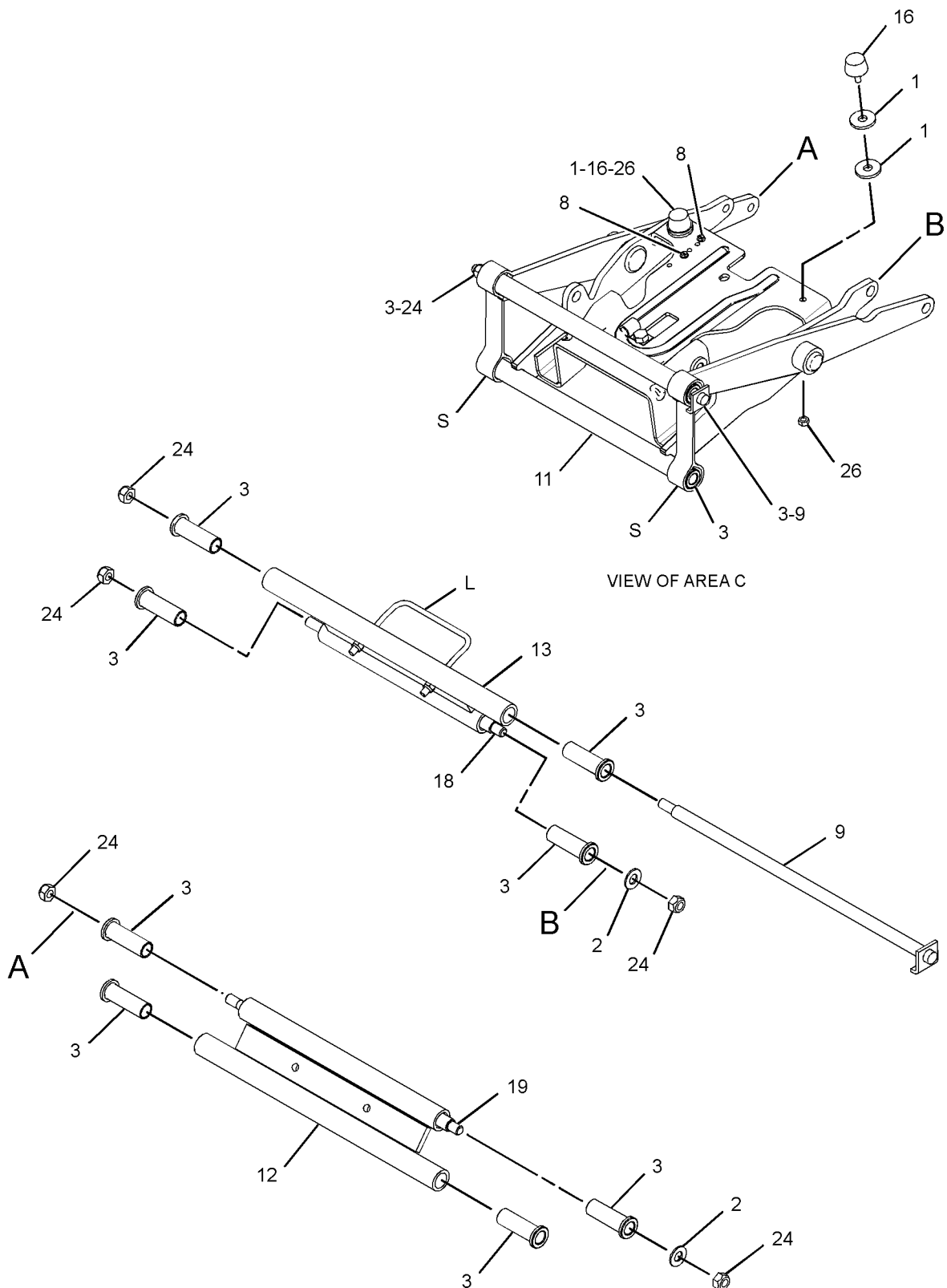
GRAPHIC #1

g02398857

OPERATOR STATION

347-8771 SUSPENSION GP-SEAT (contd.)

i04171572



GRAPHIC #2

<END>

g02398858

OPERATOR STATION

335-3941 TILT GP-PLATFORM

S/N: T4R1-UP

PART OF 291-8689 INSTALLATION AR-MACHINE

SMCS-7301, 7341

i04171497

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6U-0455	1	STRAP						
	2	1	183-3514	1	PUMP GP-CAB TILT						
	3	1	184-5858	1	HANDLE						
Y	4	1	341-7067	1	CYLINDER GP-CAB TILT						717
	5	1	343-7922	1	BRACKET AS						
I	6	1	359-0200	1	HOSE AS						
	7	1	123-8829	1	ELBOW AS						
		1	4J-5477	1	SEAL-O-RING						
		1	8T-7876	1	SEAL-O-RING						
	8	1	4J-5477	1	SEAL-O-RING						
	9	1	8T-4121	10	WASHER-HARD (11X21X2.5-MM THK)						
M	10	1	8T-4133	4	NUT (M10X1.5-THD)						
M	11	1	8T-4137	2	BOLT (M10X1.5X20-MM)						
M	12	1	8T-4196	4	BOLT (M10X1.5X35-MM)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM

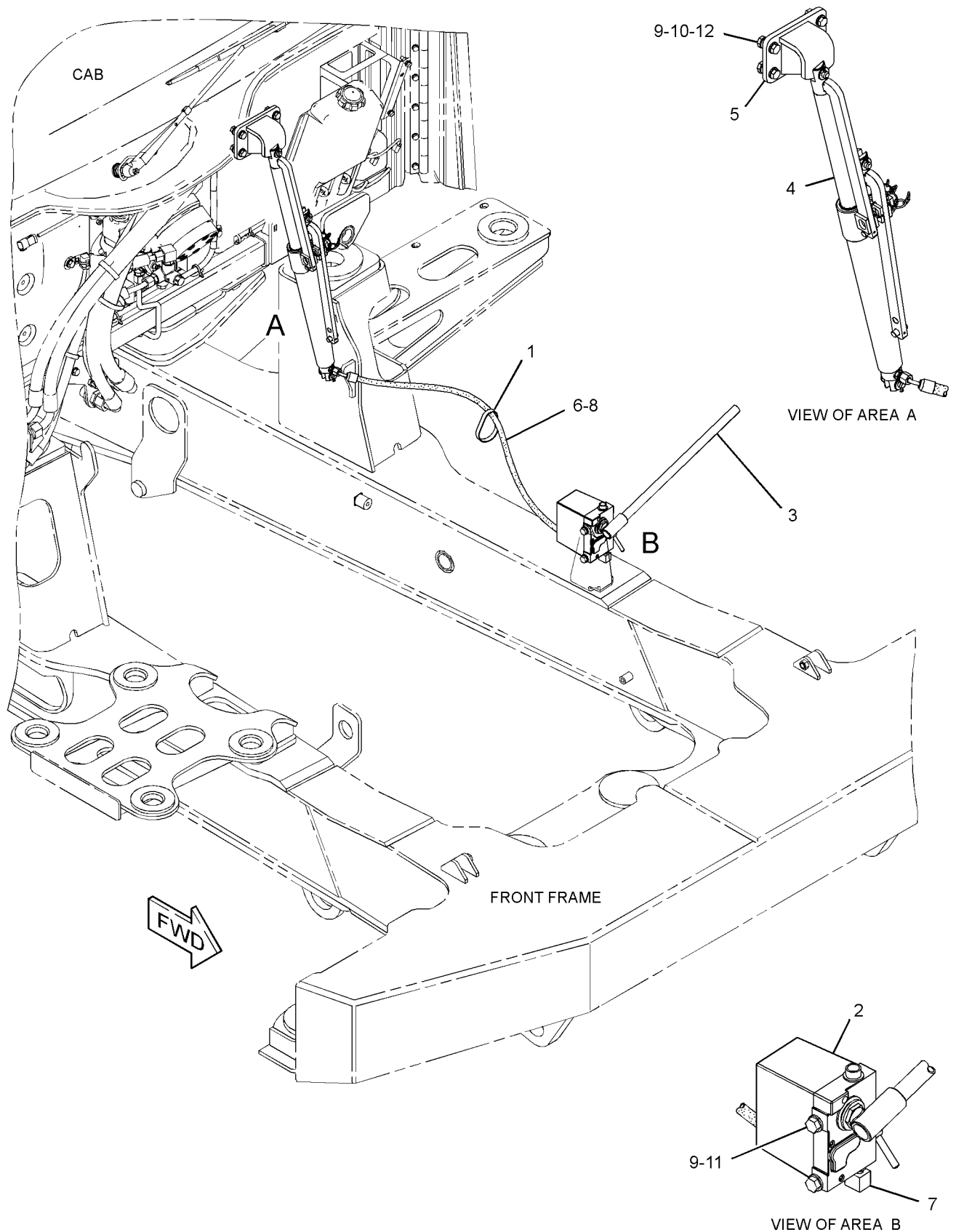
M-METRIC PART

Y-SEPARATE ILLUSTRATION

OPERATOR STATION

335-3941 TILT GP-PLATFORM (contd.)

i04171497



GRAPHIC #1

<END>

g02392396

OPERATOR STATION

149-0087 VISOR GP-CAB

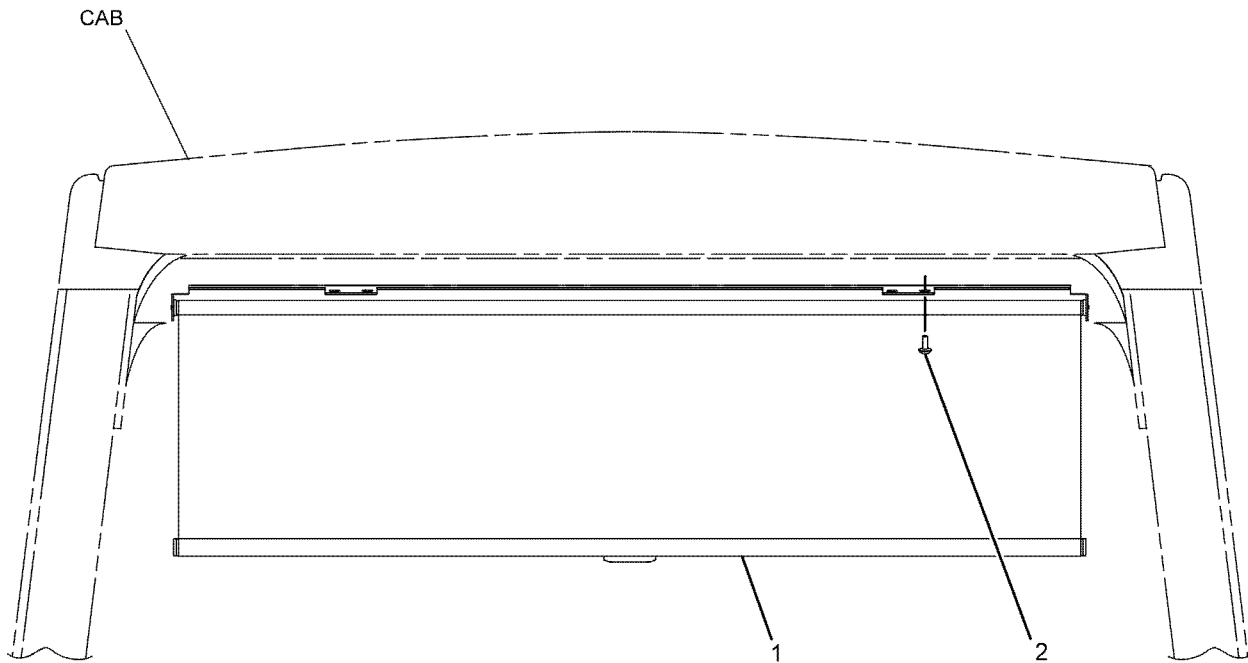
S/N: T4R1-UP

PART OF 324-7002 CAB AR

SMCS-7301

i03548142

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	1	1	243-3544	1	VISOR GP-CAB						
CM	2	1	9X-2044	4	SCREW-TRUSS HEAD (M6X1X16-MM)						
C-CHANGE M-METRIC	FROM PART	PREVIOUS TYPE									



REAR VIEW

GRAPHIC #1

<END>

g01055572

OPERATOR STATION

324-7020 WINDOW GP-CAB

S/N: T4R1-UP

PART OF 324-7002 CAB AR

SMCS-7310

i04171538

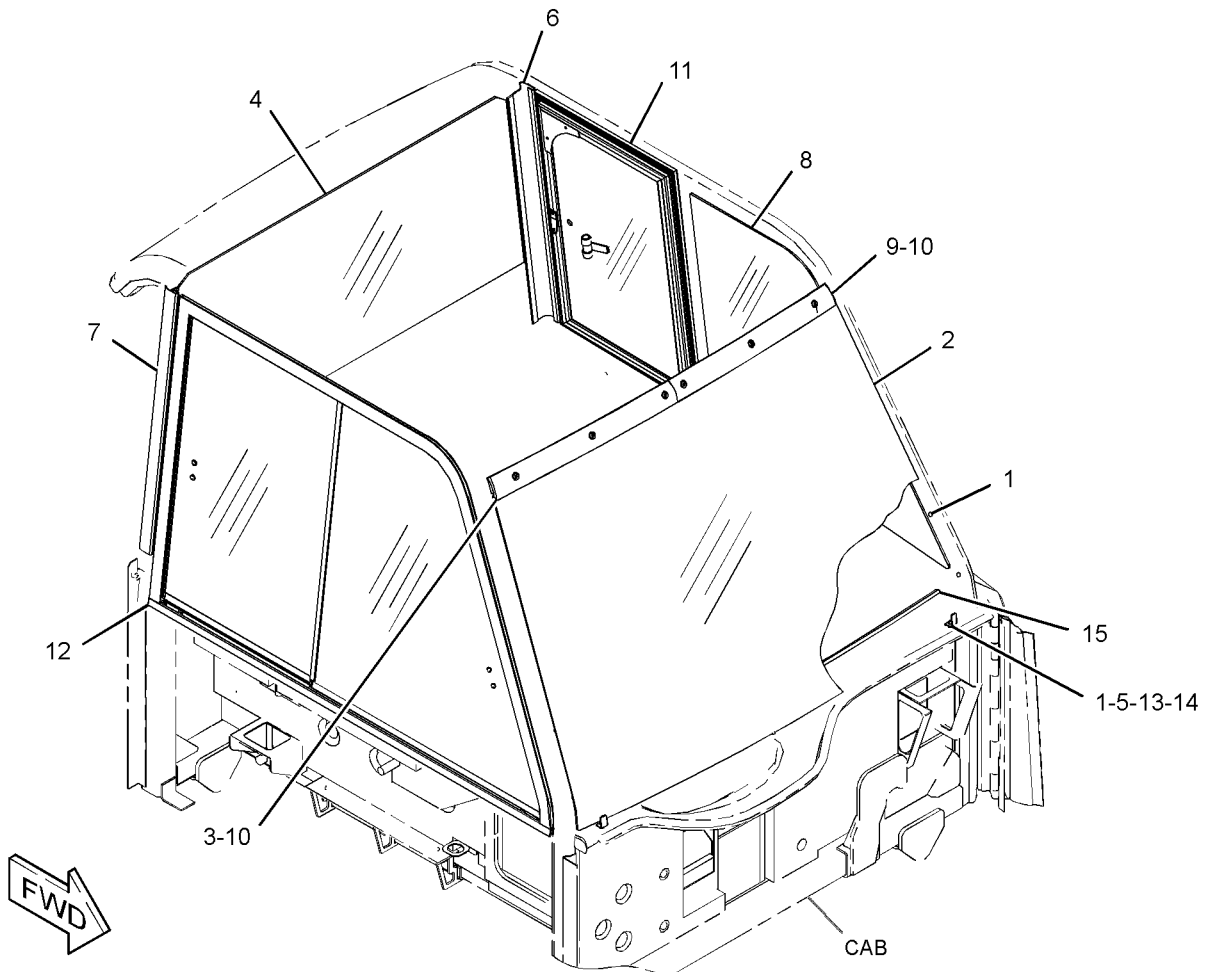
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
B	1	1	110-7524	12	BUTTON	
	2	1	158-0988	1	WINDOW	
	3	1	162-4284	1	CLAMP	
	4	1	162-7588	1	WINDOW-REAR	
	5	1	162-7589	2	PLATE-CLAMP	
	6	1	162-7590	1	TRIM-WINDOW(LH)	
	7	1	162-7591	1	TRIM-WINDOW(RH)	
	8	1	163-3272	1	WINDOW-DOOR	
	9	1	168-0229	1	CLAMP	
M	10	1	184-0982	6	SCREW-PAN HEAD (M6X1X16-MM)	
Y	11	1	339-3252	1	WINDOW GP-CAB (VENTILATION, LH)	774
	12	1	344-1790	1	WINDOW GP (BASIC)	
M	13	1	8T-4171	2	BOLT (M6X1X12-MM)	
	14	1	9X-8256	2	WASHER (6.6X12X2-MM THK)	
E	15	1	3E-6600		SEAL (128-CM)	

B-USE AS REQUIRED

E-ORDER BY THE CENTIMETER

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g02402578

OPERATOR STATION

339-3252 WINDOW GP-CAB-VENTILATION, LH

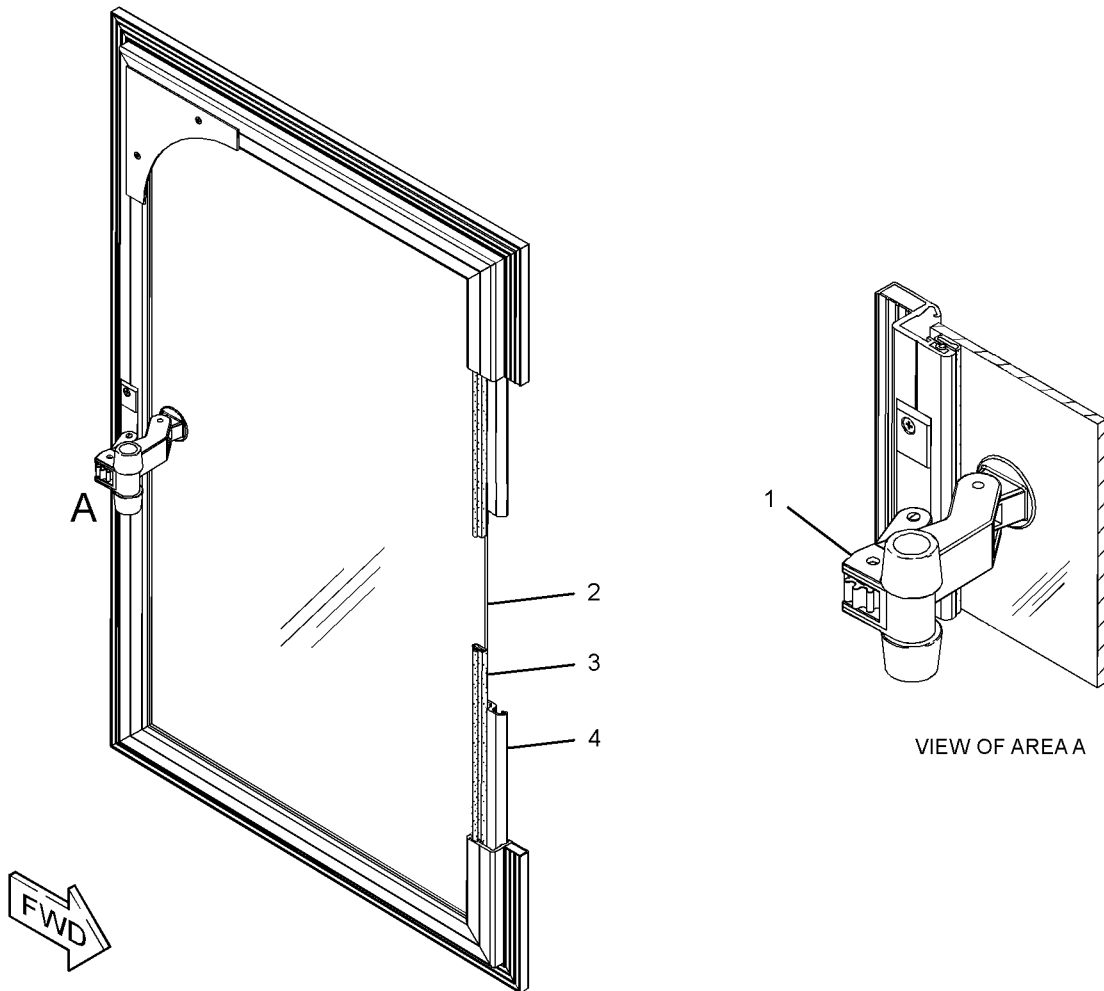
S/N: T4R1-UP

PART OF 324-7020 WINDOW GP-CAB

SMCS-7310

i03548147

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	341-8342	1	LATCH AS-WINDOW						
	2	1	201-9807	1	GLASS						
	3	1	201-9808	1	SEAL						
	4	1	201-9810	1	HINGE						



GRAPHIC #1

<END>

g01849719

OPERATOR STATION

364-2813 WIPER & WASHER GP-WINDOW

S/N: T4R1-UP

PART OF 324-7002 CAB AR

SMCS-7305, 7306

i04171528

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
B	1	1	1S-9593	22	STRAP-CABLE						
	2	1	5C-8811	1	BLADE AS-WIPER (500-MM) (REAR)						
	3	1	6V-7419	1	BLADE AS-WIPER (700-MM) (FRONT)						
	4	1	7Y-3474	2	VALVE AS-CHECK (WINDOW WASHER)						
	5	1	8T-5400	3	CONNECTOR AS						
	6	1	168-3392	1	PLATE						
Y	7	1	168-8926	1	MOTOR GP-WINDOW WIPER (REAR)						737
	8	1	168-8927	1	ARM AS-WINDOW WIPER (FRONT)						
	9	1	168-8928	1	ARM AS-WINDOW WIPER (REAR)						
	10	1	235-2679	1	TANK GP-WINDOW WASHER						
		1	7T-8891	2	PUMP AS-WASHER						
		1	147-3701	2	GROMMET						
		1	235-2680	1	TANK						
		1	235-2681	1	CAP						
Y	11	1	363-3927	1	MOTOR GP-WINDOW WIPER (FRONT)						738
M	12	1	5C-9553	4	BOLT (M6X1X16-MM)						
	13	1	7X-7729	2	WASHER (11X25X3-MM THK)						
M	14	1	8T-4137	2	BOLT (M10X1.5X20-MM)						
	15	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)						
M	16	1	8T-4908	4	BOLT (M8X1.25X25-MM)						
	17	1	9X-8256	4	WASHER (6.6X12X2-MM THK)						
E	18	1	144-0195		HOSE (8.5-CM EACH)						
E	18A	1	144-0195		HOSE (396-CM)						
E	18B	1	144-0195		HOSE (145-CM)						
E	18C	1	144-0195		HOSE (101-CM)						

B-USE AS REQUIRED

E-ORDER BY THE CENTIMETER

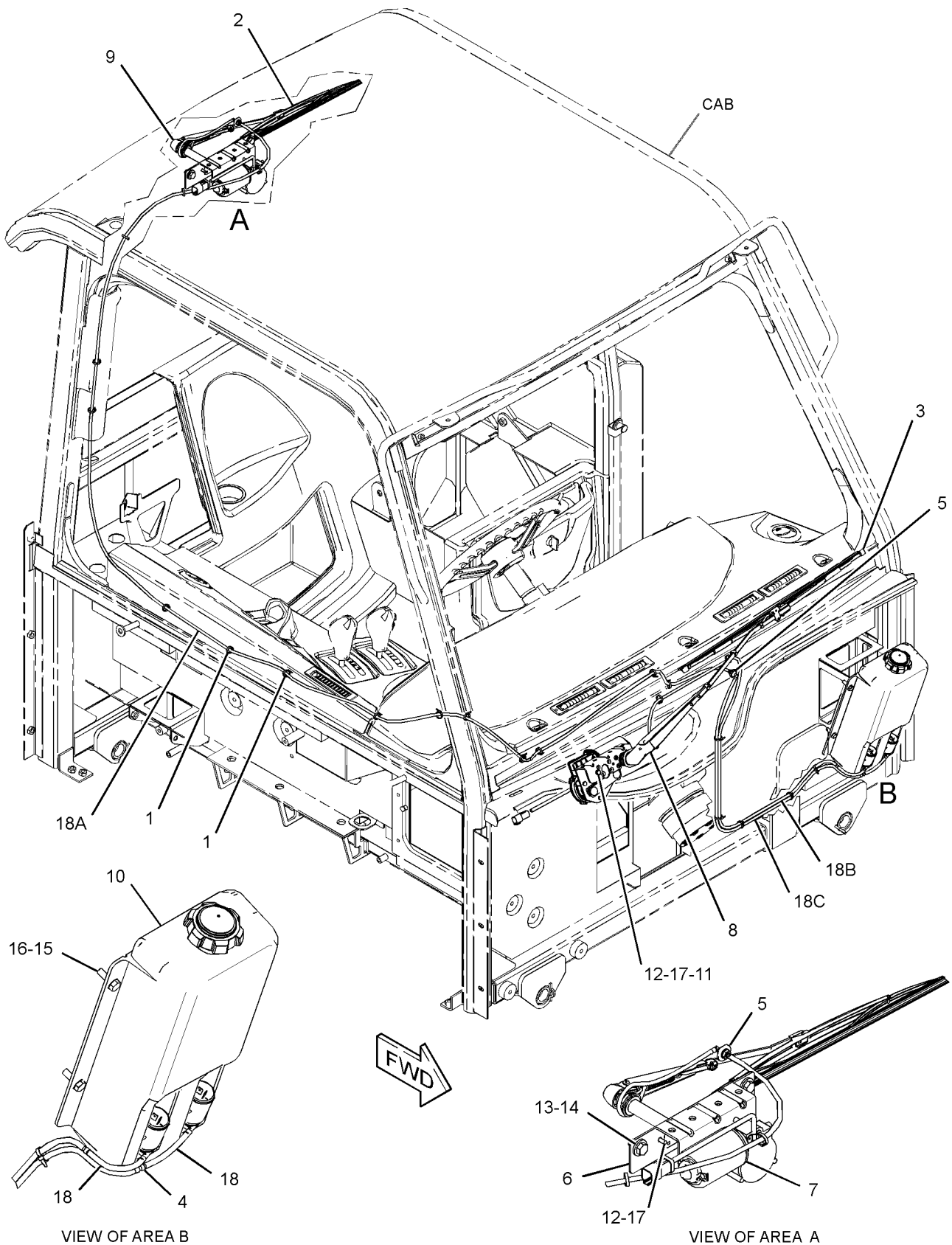
M-METRIC PART

Y-SEPARATE ILLUSTRATION

OPERATOR STATION

364-2813 WIPER & WASHER GP-WINDOW (contd.)

i04171528



GRAPHIC #1

<END>

g02396202

SERVICE EQUIPMENT AND SUPPLIES

308-8124 COVER GP-SHIPPING

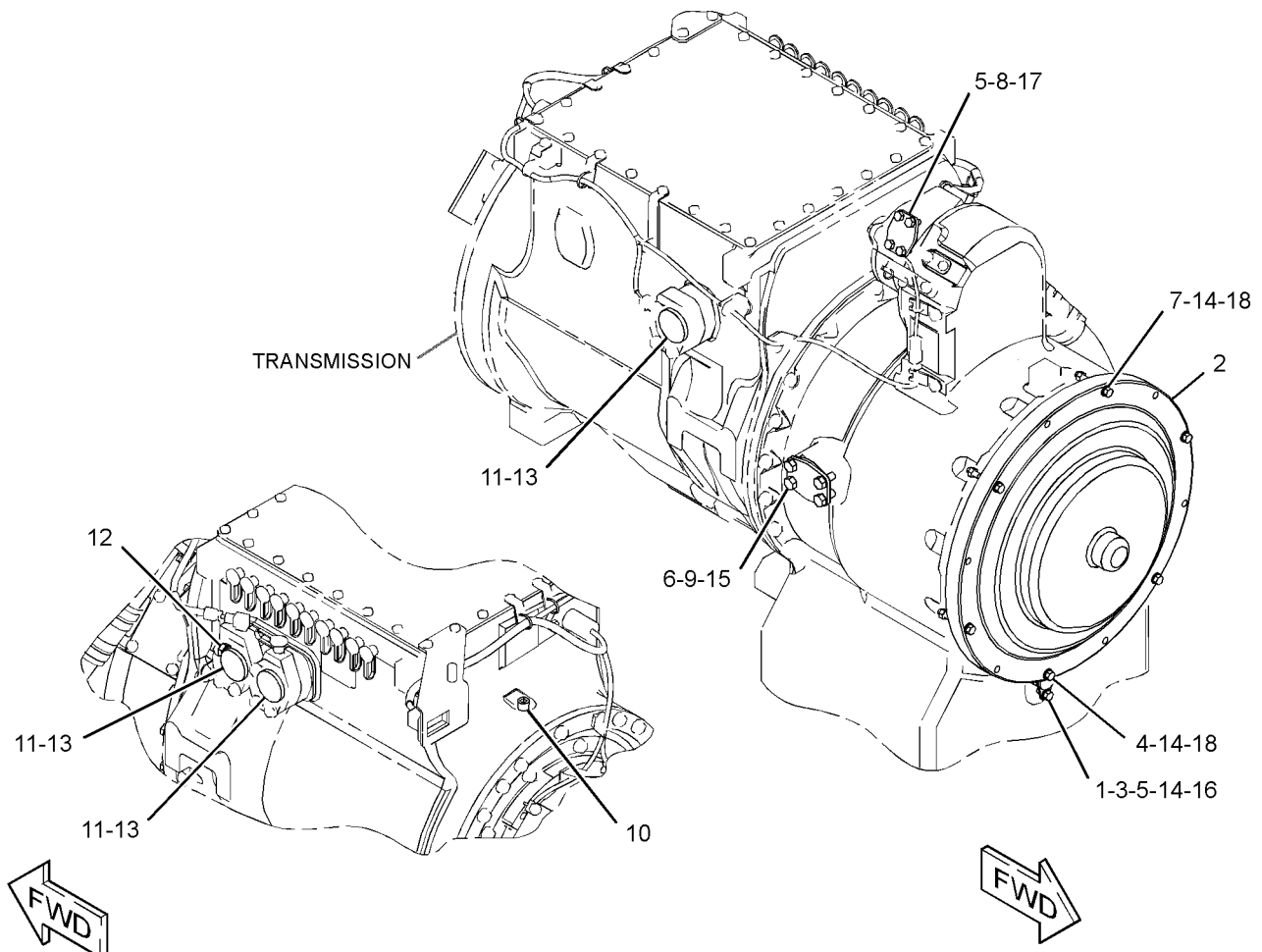
S/N: K2S1-UP

PART OF 303-2298 TRANSMISSION AR

SMCS-7500

i04185112

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6P-8339	1	LOCK						
	2	1	117-2927	1	COVER-SHIPPING						
	3	1	150-6251	1	PLUG						
	4	1	0L-1143	1	BOLT (3/8-16X2.5-IN)						
	5	1	0S-0509	5	BOLT (3/8-16X0.75-IN)						
	6	1	0S-1621	4	BOLT (1/2-13X1-IN)						
	7	1	0T-0573	5	BOLT (3/8-16X2.75-IN)						
	8	1	1S-2176	1	COVER						
	9	1	1S-3730	1	COVER						
	10	1	8T-6762	1	PLUG-PIPE						
	11	1	2J-2668	3	COVER						
	12	1	148-8411	1	PLUG AS						
		1	3K-0360	1	SEAL-O-RING						
		1	9S-4185	1	PLUG-O-RING						
	13	1	4J-0524	3	SEAL-O-RING						
	14	1	5M-2894	7	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	15	1	8E-7365	1	GASKET						
	16	1	8M-4433	1	SEAL-O-RING						
	17	1	9M-6974	1	GASKET						
	18	1	9S-8752	6	NUT-FULL (3/8-16-THD)						



GRAPHIC #1

<END>

g02384996

SERVICE EQUIPMENT AND SUPPLIES

354-0747 FILM GP-PRODUCT LINK

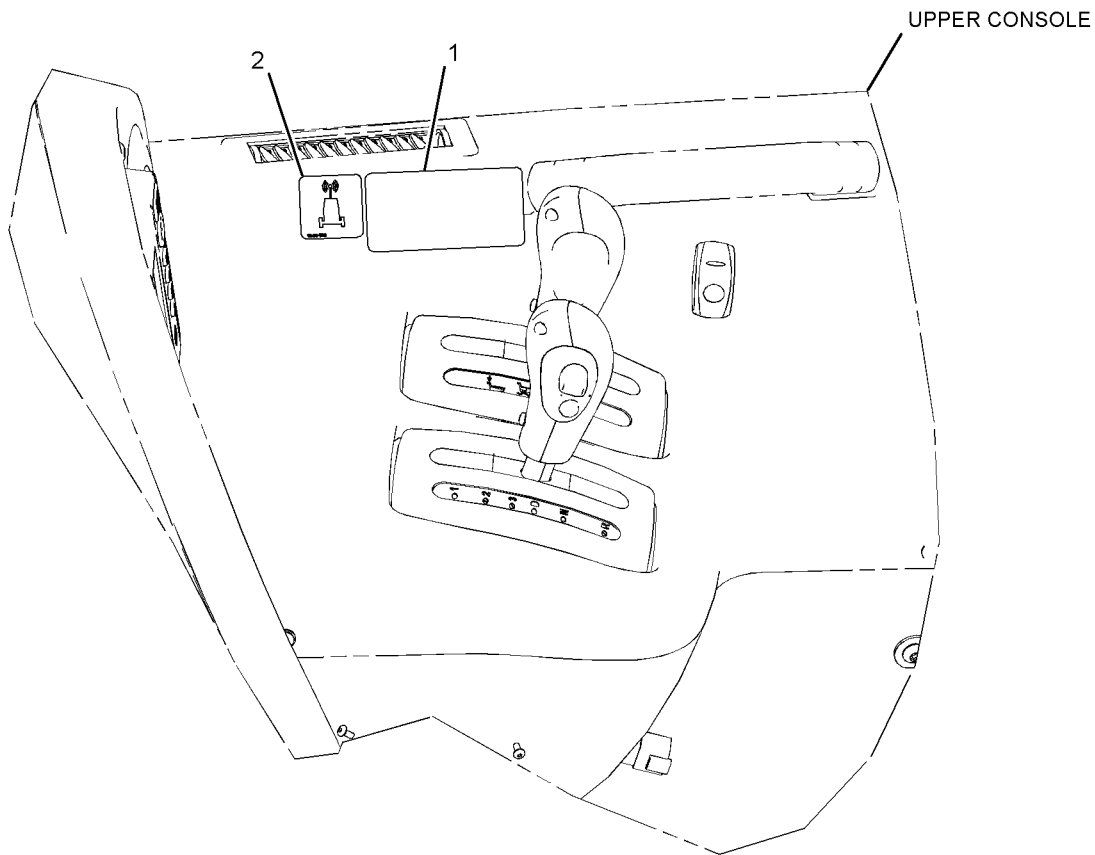
S/N: T4R1-UP

PART OF 351-5928, 351-5929, 351-5930, 351-5931 INSTALLATION AR-COMMUNICATION
AN ATTACHMENT

SMCS-7405

i04077010

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	230-1340	1	FILM-WARNING (PRODUCT LINK RADIO, U.S.)						
					-OR-						
		1	230-1341	1	FILM-WARNING (PRODUCT LINK RADIO, INTL)						
	2	1	307-0047	1	FILM-INFORMATION (PRODUCT LINK, READ OMM)						



LEFT SIDE VIEW

<END>

GRAPHIC #1

g02328635

SERVICE EQUIPMENT AND SUPPLIES

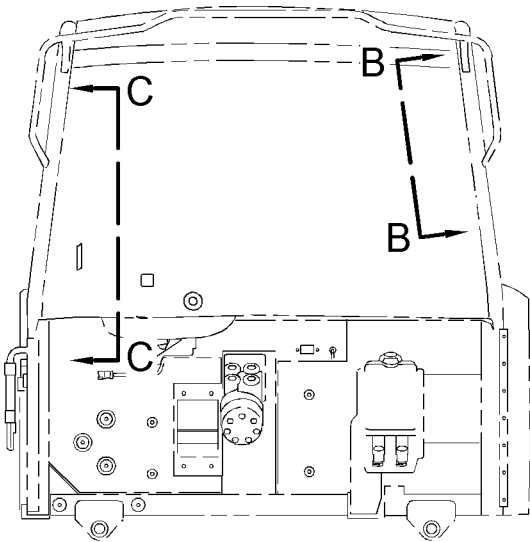
324-7025 PLATE & FILM GP

S/N: T4R1-UP
PART OF 324-7002 CAB AR

SMCS-7405, 7557, 7563

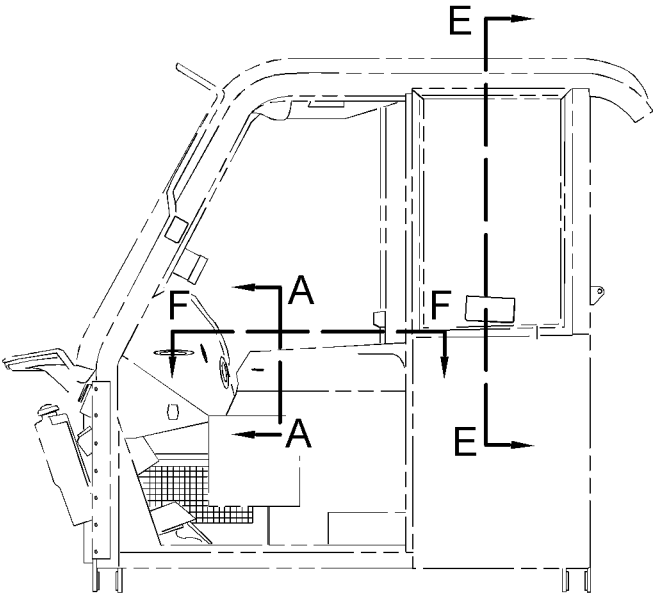
i04171151

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	161-1168	1	FILM-INSTRUCTION (TRANSMISSION)						
	2	2	219-0302	1	FILM-WARNING (NO WELD, NO DRILL, READ OMM)						
	3	2	345-0351	1	FILM-IDENTIFICATION (IGNITION SWITCH)						
	4	2	354-7733	1	FILM-COVER						
	5	2	354-7734	1	FILM-IDENTIFICATION (FUSE PANEL)						



FRONT VIEW

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



LEFT SIDE VIEW

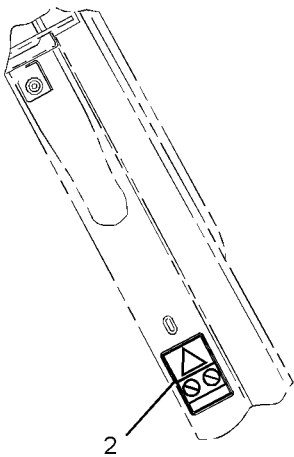
GRAPHIC #1

g02364836

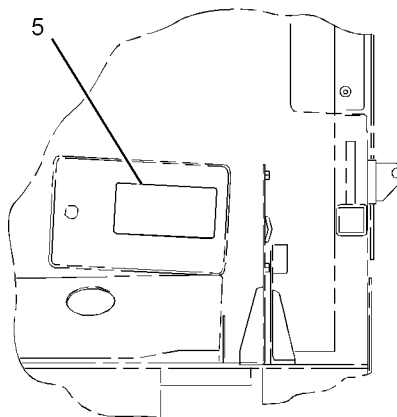
SERVICE EQUIPMENT AND SUPPLIES

324-7025 PLATE & FILM GP (contd.)

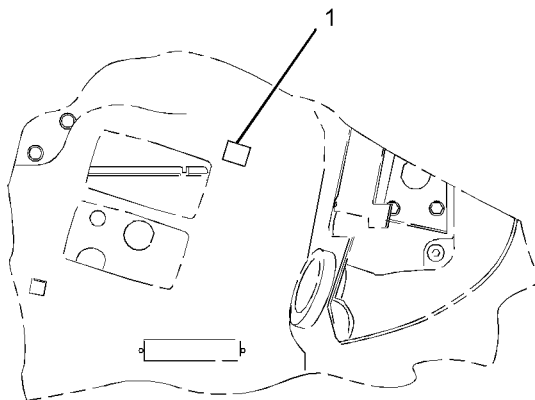
i04171151



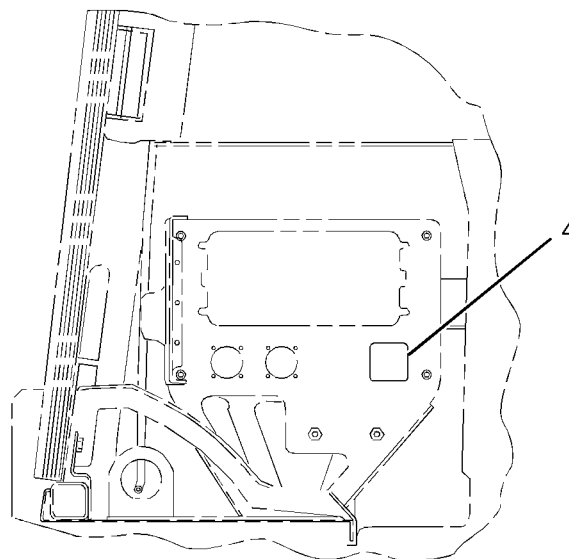
VIEW B-B



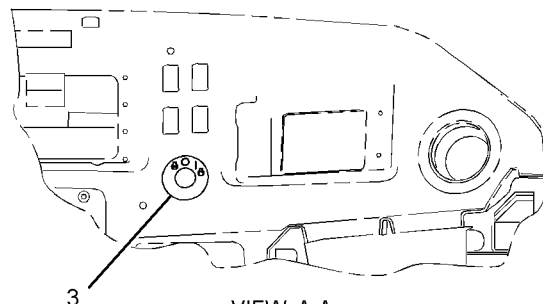
VIEW C-C



VIEW F-F



VIEW E-E



VIEW A-A

GRAPHIC #2

<END>

g02364119

SERVICE EQUIPMENT AND SUPPLIES

347-3259 PLATE & FILM GP-CLEAN EMISSIONS MODULE

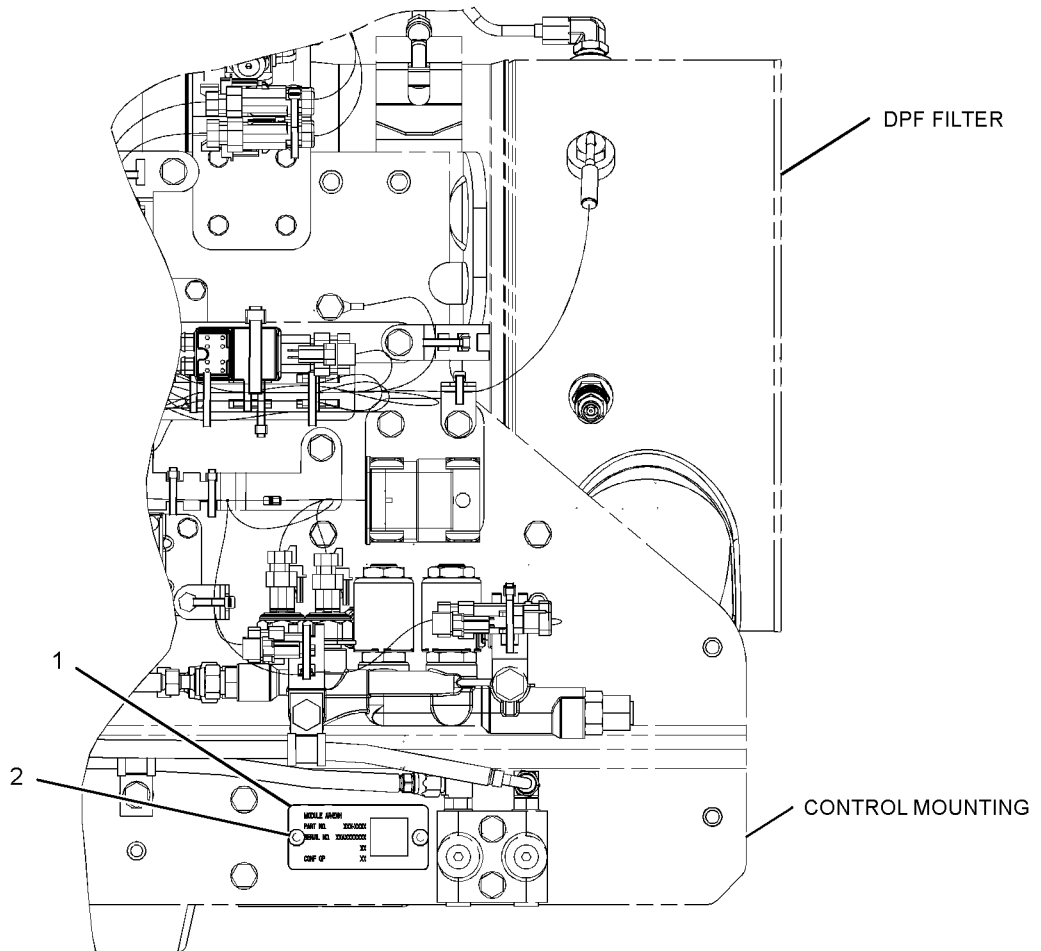
S/N: T4R1-UP

PART OF 362-8784 MODULE AR-CLEAN EMISSIONS

SMCS-7405, 7557, 7563

i04021111

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	347-3258	1	PLATE-IDENTIFICATION (EXHAUST MODULE)	
	2	1	8T-9082	2	RIVET-POP	



GRAPHIC #1

<END>

g02220717

SERVICE EQUIPMENT AND SUPPLIES

353-7689 PLATE & FILM GP

S/N: T4R1-UP

PART OF 291-8649 GENERAL AR

SMCS-7405, 7557, 7563

i04175132

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1, 2	5P-1174	2	FILM-IDENTIFICATION (TRANSMISSION OIL FILL CAP)	
	2	2	8C-9047	1	PLATE-SOUND SUPPRESSION	
	3	1	134-7258	1	FILM-INFORMATION (EXTENDED LIFE COOLANT)	
E	4	2	178-4929		FILM-STRIPE (RED REFLECTIVE) (10-CM EACH)	
E	5	1, 2	180-0561		FILM-STRIPE (YELLOW REFLECTIVE) (10-CM EACH)	
	6	2	187-9185	1	FILM-INFORMATION (ALTERNATE EXIT)	
	7	1	221-8045	1	FILM-WARNING (SEAT BELT, INTERNATIONAL)	
	8	1	224-0554	1	FILM-WARNING (UNIVERSAL, READ OMM, INTL)	
	9	1, 2	225-0312	2	FILM-WARNING (JUMP START, READ OMM, INTL)	
	10	1	225-4257	1	FILM-WARNING (HOT FLUID UNDER PRESS, INTL)	
	11	2	226-1240	2	FILM-WARNING (CRUSH HAZARD, STAY BACK, INTL)	
	12	2	226-1274	2	FILM-WARNING (CRUSH HAZARD, READ OMM, INTL)	
	13	1	229-0887	1	FILM-INFORMATION (AIR CLEANER)	
	14	1	239-6986	1	PLATE-IDENTIFICATION (MACHINE)	
	15	2	241-3720	1	FILM-WARNING (RECOIL SPRING)	
	16	1, 2	252-2156	2	FILM-INSTRUCTION (LIFT EYE LOCATION)	
	17	1, 2	253-0861	2	FILM-INFORMATION (CAT POWER, ACERT TECHNOLOGY)	
E	18	2	255-4126		FILM-STRIPE (RED REFLECTIVE) (41-CM)	
	19	1, 2	262-2679	2	FILM-WARNING (CRUSH HAZARD, READ OMM)	
	20	1, 2	262-2681	2	FILM-WARNING (CRUSH HAZARD, READ OMM)	
	21	2	262-2683	1	PLATE-WARNING (HIGH PRESSURE, READ OMM)	
	22	2	262-2684	2	PLATE-WARNING (HIGH PRESSURE, READ OMM)	
	23	1, 2	263-4836	5	FILM-SYMBOL (TIE-DOWN)	
	24	1	264-3051	1	FILM-WARNING (CRUSH HAZARD, READ OMM)	
	25	2	281-0547	2	FILM-WARNING (FAN, READ OMM)	
	26	1	305-3684	1	PLATE-IDENTIFICATION (FUEL PRIMING PUMP ON, OFF)	
	27	2	349-8604	1	FILM-INFORMATION (FUEL, READ OMM)	
	28	2	357-7642	1	FILM-INFORMATION (ROPS, FOPS, READ OMM)	
	30	2	357-8738	1	PLATE-WARNING (HIGH PRESSURE, READ OMM)	
	31	1	357-8741	1	PLATE-WARNING (HIGH PRESSURE, READ OMM)	
	32	1	364-1043	1	FILM-INFORMATION (RETARDING GUIDELINES, READ OMM)	
	33	2	365-4131	1	FILM-IDENTIFICATION (HYDRAULIC TEST POINT)	
	34	2	365-6191	1	FILM-IDENTIFICATION (CAT, RH)	
	35	1	365-6192	1	FILM-IDENTIFICATION (CAT, LH)	
	36	1	365-6193	1	FILM-IDENTIFICATION (CAT)	
	37	1	365-6194	1	FILM-IDENTIFICATION (740B, LH)	
	38	2	365-6195	1	FILM-IDENTIFICATION (740B, RH)	
	39	2	110-6393	1	PLATE-INSTRUCTION (AIR CONDITIONER)	
F			3S-2093	5	STRAP-CABLE	
F			033-7291	2	RIVET	

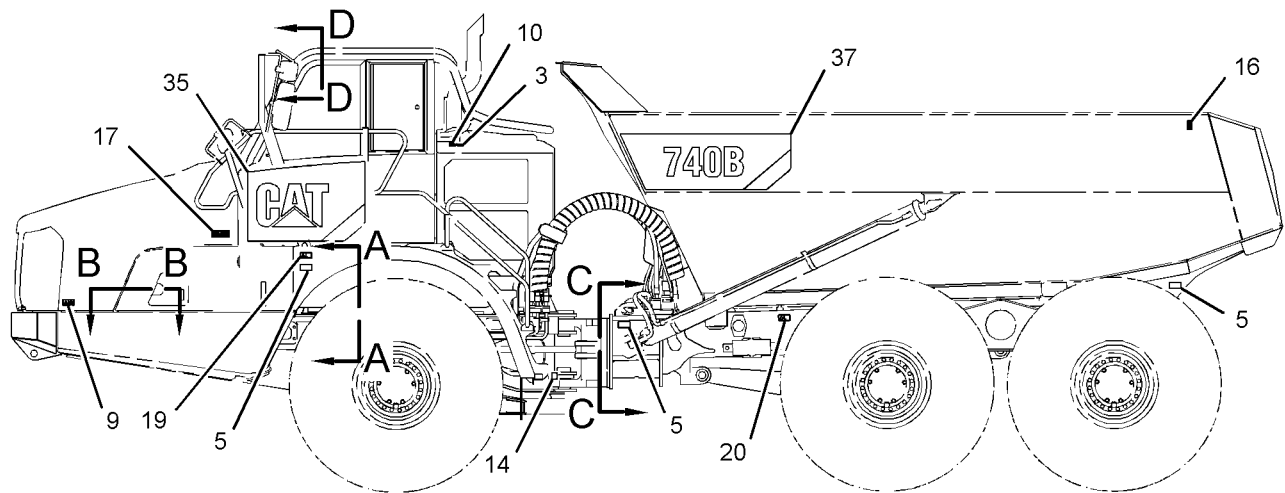
E-ORDER BY THE CENTIMETER

F-NOT SHOWN

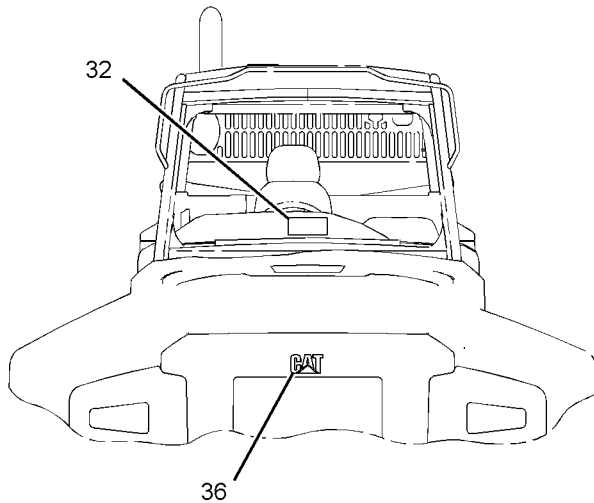
SERVICE EQUIPMENT AND SUPPLIES

353-7689 PLATE & FILM GP (contd.)

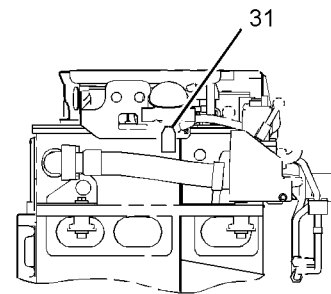
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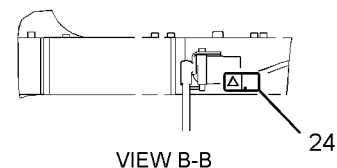
LEFT SIDE VIEW



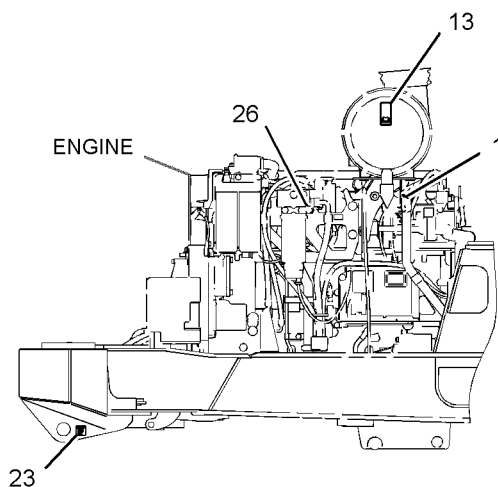
FRONT VIEW



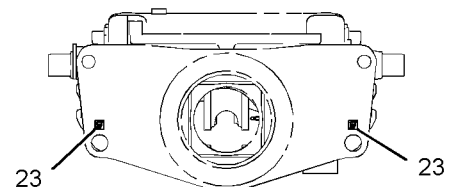
VIEW A-A



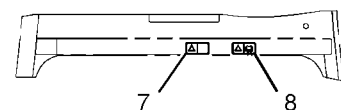
VIEW B-B



LEFT SIDE VIEW



VIEW C-C



VIEW D-D

GRAPHIC #1

g02399596

i04175132



SERVICE EQUIPMENT AND SUPPLIES

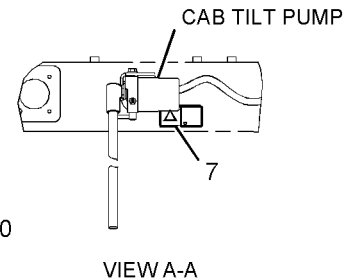
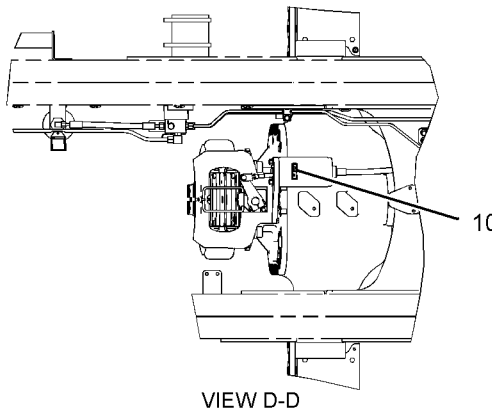
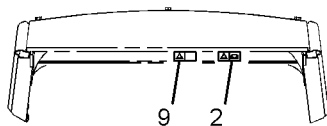
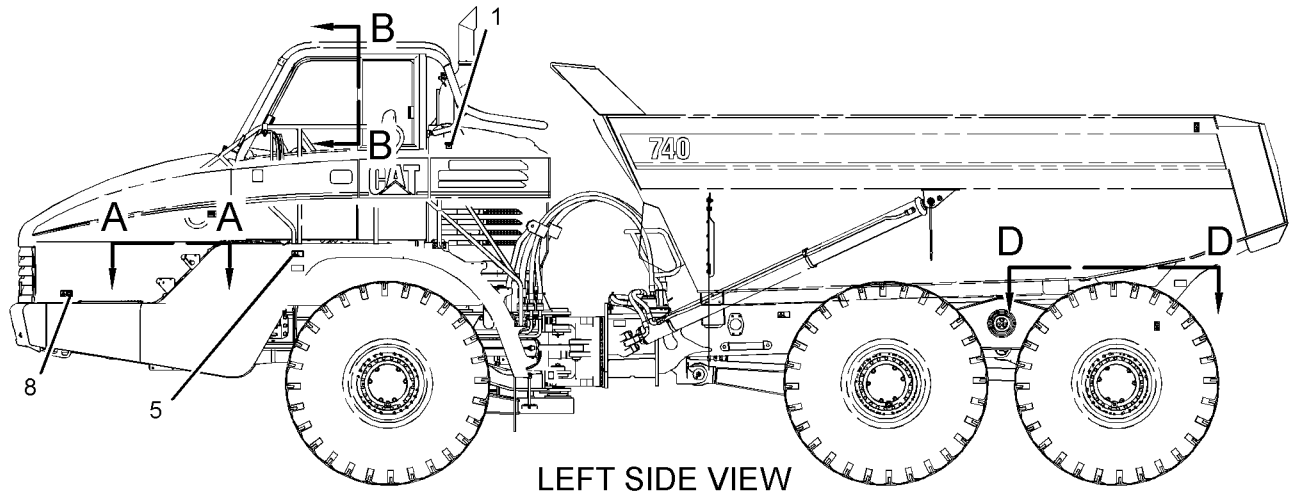
353-7696 PLATE & FILM GP

S/N: T4R1-UP
AN ATTACHMENT

SMCS-7405, 7557, 7563

i04081449

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	225-4256	1	FILM-WARNING (HOT FLUID UNDER PRESSURE, U.S.)	
	2	1	224-7717	1	FILM-WARNING (SEAT BELT, U.S.)	
	3	2	226-1242	2	FILM-WARNING (CRUSH HAZARD, STAY BACK, U.S.)	
	4	2	226-1275	2	FILM-WARNING (CRUSH HAZARD, READ OMM, U.S.)	
	5	1, 2	262-2675	2	FILM-WARNING (CRUSH HAZARD, READ OMM)	
	6	2	262-2680	2	FILM-WARNING (CRUSH HAZARD, READ OMM)	
	7	1	264-3050	1	FILM-WARNING (CRUSH HAZARD, READ OMM)	
	8	1	225-0313	2	FILM-WARNING (JUMP START, READ OMM, U.S.)	
	9	1	225-3305	1	FILM-WARNING (UNIVERSAL, READ OMM, U.S.)	
	10	1	241-3722	1	FILM-WARNING (RECOIL SPRING)	
	11	2	230-1340	1	FILM-WARNING (PRODUCT LINK RADIO, U.S.)	
F		1	349-8603	1	FILM-INSTRUCTION (FUEL, READ OMM)	
F - NOT SHOWN						



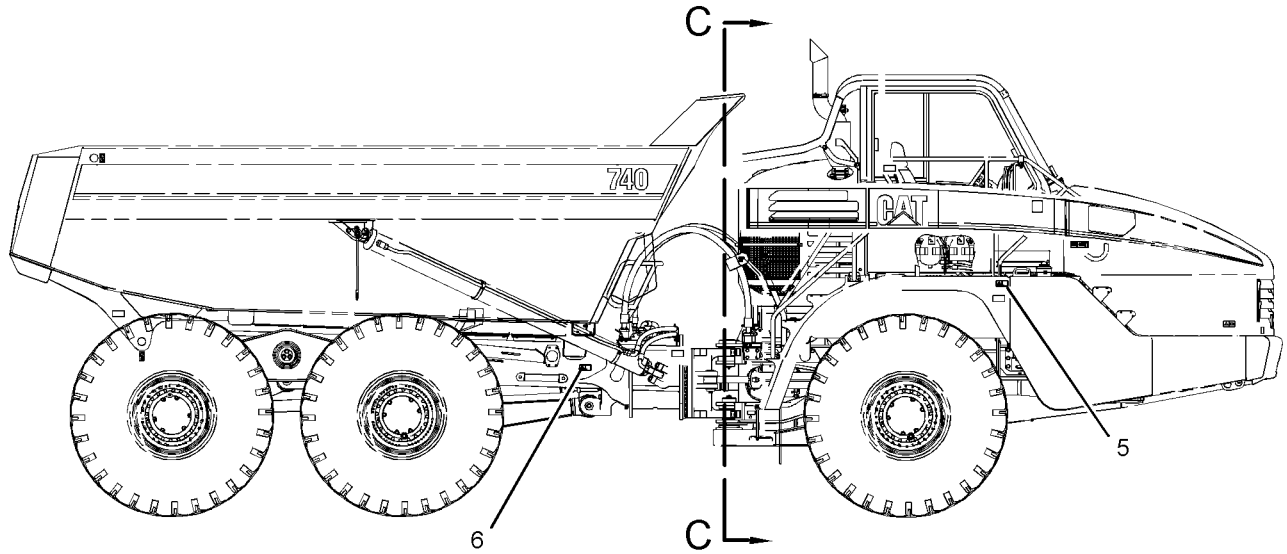
GRAPHIC #1

g01323835

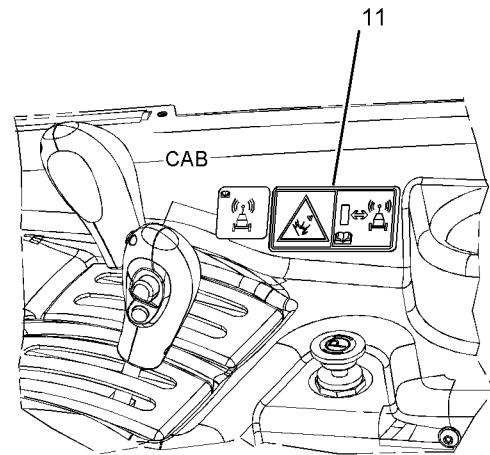
SERVICE EQUIPMENT AND SUPPLIES

353-7696 PLATE & FILM GP (contd.)

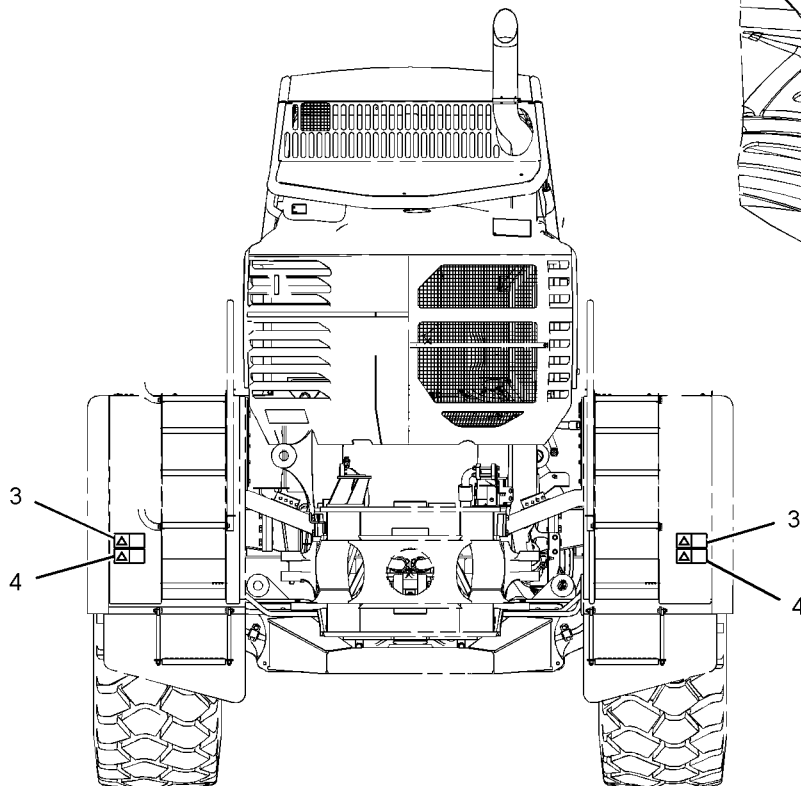
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RIGHT SIDE VIEW



LEFT SIDE VIEW
(OPERATORS STATION)



VIEW C-C

GRAPHIC #2

<END>

g02025397

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	87		297	1D-4569	364		623
	777	OS-1599	301	1D-4574	418	1P-3705	157
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	197	OS-1602	447	1F-0750	56		567
	326		41	1F-4111	82	1P-3708	567
	344	OS-1604	430	1F-7958	37	1P-3958	456
	442		431	1H-1023	297		458
OL-1352	399		434		301	1P-4278	155
OL-2070	40	OS-1608	448		674	1P-4578	405
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	399	OS-1621	428	1H-8128	219		567
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			301	2U-4223	294		634
		2K-2939	350	2U-4729	704		636
			352	2U-5388	486		639
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364-5734	178		►246				
364-5752	392	366-9856	245				
364-7157	60		►246				
364-7158	►60	367-0058	458				
	520	367-0059	456				
364-7177	520	367-0794	318				
364-7178	520	367-3091	►429				

MEMORANDA



SEBP5906

740B Articulated Truck

T4R1-Up