

# Parts Manual



See "General Information"  
for New Parts Manual  
Features.

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## **D9R Track-Type Tractor**

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WDM1-Up (Machine)  
48W42331-Up (Engine)  
6KX1-Up (Transmission)  
9MP1-Up (Bulldozer)  
9RP1-Up (Bulldozer)  
T9H1-Up (Bulldozer)  
T9J1-Up (Bulldozer)  
5RP1-Up (Ripper)  
7HP1-Up (Ripper)  
6ZT1-Up (Torque Converter)

**Powered By 3408C Engine**

This Parts Manual is also available in .PDF format on Compact Disc(CD-ROM)-Caterpillar Form No. SERP4196

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# TABLE OF CONTENTS

Name	Page	Name	Page
WINDOW GP-CAB .....	653		
WIPER GP-WINDOW .....	664		
WIPER PIVOT GP .....	667		
<b>SERVICE EQUIPMENT AND SUPPLIES .....</b>	<b>668</b>		
FILM GP .....	668		
PAINT GP .....	670		
PLATE & FILM GP .....	670		
<b>PART NUMBER INDEX .....</b>	<b>B1</b>		

# CONTENIDO

Nombre	Página	Nombre	Página
VENTANA DE LA CABINA (GR).....	653		
LIMPIAPARABRISAS DE LA VENTANA (GR).....	664		
PIVOTE DEL LIMPIADOR (GR).....	667		
<b>EQUIPOS Y SUMINISTRO DE SERVICIOS.....</b>	<b>668</b>		
ETIQUETA DE ADVERTENCIA (GR).....	668		
PINTURA (GR).....	670		
CALCOMANÍAS Y PLACAS DE IDENTIFICACIÓN (GR).....	670		
<b>INDICE DE NUMEROS DE PIEZA.....</b>	<b>B1</b>		

\* NO HAY TRADUCCION DISPONIBLE EN EL MOMENTO DE LA IMPRESION

# 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.<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.**

# INFORMAÇÃO GERAL

## 1. IDENTIFICAÇÃO DA MÁQUINA

As máquinas Caterpillar são identificadas pelos Números de Informação do Produto (PIN). Alguns componentes incluídos numa máquina podem ser identificados por Números de Série (S/N). Componentes típicos que serão enumerados com números de série incluem motores, transmissões, lâminas e ríperes. Além do número de série, a máquina e o motor são ainda identificados por números de arranjo e, em alguns casos, números de modificações. Tais números encontram-se na(s) placa(s) de identificação do produto e na placa mestre no compartimento do operador.

### **Novidades**

A partir do primeiro trimestre de 2001 o Número de Identificação de Produto da Caterpillar (PIN) precisa ser mudado de 8 para 17 caracteres. Esforçando-se para fornecer uma identificação uniforme de equipamentos, a Caterpillar e outros fabricantes de equipamento de construção estão mudando para atender a versão mais atualizada do padrão de identificação de produtos. Os números de PIN para produtos de aplicações não rodoviárias são definidos pela ISO 10261. O novo formato de número PIN será adotado em todas as máquinas e grupos geradores Caterpillar. As placas e as marcações do chassi mostrarão os 17 dígitos de PIN. O novo formato terá a seguinte disposição:

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

1 2 3 4

Onde:

1. Código de Fabricação Mundial da Caterpillar (dígitos 1-3)
2. Descrição da Máquina (dígitos 4-8)
3. Dígito de Verificação (dígito 9)
4. Seção de Indicador da Máquina (MIS) ou Número de Sequência de Produto (dígitos 10-17). Estes eram anteriormente chamados de Número de Série.

Máquinas e grupos geradores produzidos antes do primeiro trimestre de 2001 manterão o formato de 8 caracteres de PIN.

Componentes como motores, transmissões, eixos, ferramentas de trabalho, etc. continuarão a usar Número de Série (S/N) com oito caracteres.

## 2. COMO OBTER PEÇAS

### **CUIDADO**

**Quando peças de substituição são exigidas para este produto, a Caterpillar recomenda a utilização de peças de substituição Caterpillar ou peças com as especificações equivalentes incluindo, mas não limitadas, à dimensões físicas, tipos, resistência e materiais.**

**A inobservância desta advertência poderá resultar em falhas prematuras, danos ao produto, ferimentos ou morte.**

As Peças de Reposição de Qualidade Caterpillar encontram-se disponíveis nos revendedores Caterpillar no mundo inteiro. Seus estoques de peças são atualizados e incluem todas as peças normalmente necessárias para proteger seu investimento em máquinas Caterpillar. Alguns revendedores podem oferecer jogos de reparo ou peças de troca/remanufaturadas disponíveis como uma opção da alternativa de reparo mais eficaz para uma situação específica. Ao encomendar peças, seu pedido deve especificar a quantidade, o número e o nome da peça e o número de série/número de identificação do produto referentes à máquina para a qual as peças se destinam.

## 3. ORGANIZAÇÃO DO MANUAL DE PEÇAS

A informação do produto neste manual é apresentada em forma de "elementos de informação" que representam todos os componentes para o modelo específico. Arranjo de Motor e Grupo de Assento são exemplos de elementos de informação. Os elementos de informação são organizados em ordem alfabética por nome de peça ou secundariamente, por número de peça incluído em cada seção principal do manual.

## 4. LISTA DE CONTEÚDOS

A Lista de Conteúdos (TOC) se encontra no princípio do manual. A Lista de Conteúdos (TOC) relaciona em cada seção do manual uma lista completa com todos os elementos de informação organizados conforme aparecem no manual. Números de página são fornecidos para que se tenha referência rápida de ilustrações de peças detalhadas e listas de conteúdos que podem receber serviço de manutenção.

# ALTERNATIVAS DE REPARACIÓN

## COMPONENTES REMANUFACTURADOS

Al hacer reparaciones, tenga en cuenta la opción de Componentes Remanufacturados Caterpillar. Los componentes que están disponibles por medio del programa de Productos Remanufacturados Caterpillar se identifican de tres maneras en el manual de piezas:

- con la letra R en el espacio de Nota de la lista de piezas
- con una R\* al comienzo de la primera línea de la leyenda
- con una \*R al final de la primera línea de la leyenda

Los componentes que se incluyen típicamente en el Programa de Productos Remanufacturados son:

ALTERNADORES  
BIELAS  
CIGÜEÑALES - BAJOMEDIDA  
CIGÜEÑALES - REMANUFACTURADOS A NUEVO  
CULATAS  
MÓDULOS DE CONTROL ELECTRÓNICO (ECM)  
SENSORES ELECTRONICOS  
INYECTORES  
BOQUILLAS  
BOMBAS DE COMBUSTIBLE  
REGULADORES  
BOMBAS DE ACEITE  
PISTONES  
MONOBLOQUES  
MOTORES DE ARRANQUE  
TURBOCOMPRESORES - COMPLETOS  
NÚCLEOS DE TURBOCOMPRESOR  
BOMBAS DE AGUA

También hay disponibles motores Remanufacturados Caterpillar para muchas de las configuraciones de motores.

# MAINTENANCE PARTS

DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE
<b>LUBRICATION SYSTEM</b>				
BREATHER AS (CRANKCASE)	4N - 4668	1	BREATHER GP	55
CAP AS-FILLER	6N - 2206	1	FILLER GP-ENGINE OIL	57
FILTER AS-ENGINE OIL	1R - 0716	2	FILTER GP-ENGINE OIL	58
SCREEN AS-BELL	4N - 0913	1	LINES GP-ENGINE OIL	62
<b>MACHINE ARRANGEMENT</b>				
BATTERY (12-VOLT) (DRY)	9X - 9730	4	MACHINE AR-COLD WEATHER	3
KEY	5P - 8500	2	CHASSIS AR	1
PADLOCK GP (LITERATURE COMPARTMENT)	246 - 2641	1	CHASSIS AR	1
<b>OPERATOR STATION</b>				
ACCUMULATOR-REFRIGERANT	170 - 0235	1	LINES GP-AIR CONDITIONER	602
		1	LINES GP-AIR CONDITIONER	606
BLADE AS-WIPER (DOOR, LH, RH)	6V - 5849	4	WIPER GP-WINDOW	664
BLADE AS-WIPER (FRONT)	6V - 5851	1	WIPER GP-WINDOW	664
BLADE AS-WIPER (REAR WINDOW)	5C - 8811	1	WIPER GP-WINDOW	664
CAP-VENTED (WINDOW WASHER TANK)	8E - 8292	1	TANK GP-WINDOW WASHER	645
CIRCUIT BREAKER AS (15-AMPERE) (AIR CONDITIONER)	6T - 3643	1	LINES GP-AIR CONDITIONER	606
FILTER-AIR (CAB) (HIGH EFFICIENCY)	175 - 2839	1	HEATER GP-CAB	590
FILTER-AIR (CAB) (ODOR REDUCTION)	175 - 2832	1	HEATER GP-CAB	590
FILTER-AIR (CAB) (STANDARD)	7T - 1890	1	HEATER GP-CAB	590
FILTER-CAB AIR	107 - 0266	1	HEATER GP-CAB	590
LAMP (24-VOLT)	7N - 1996	1	PANEL GP-INSTRUMENT	624
RECEIVER-DRYER	3E - 3535	1	LINES GP-AIR CONDITIONER	602
RECEIVER-DRYER GP (AIR CONDITIONER) (REFRIGERANT)	175 - 7162	1	LINES GP-AIR CONDITIONER	606
SEAT BELT GP (RETRACTABLE)	222 - 0345	1	SEAT GP	639
		1	SEAT GP	640
V-BELT (AIR CONDITIONER COMPRESSOR)	199 - 6602	1	COMPRESSOR GP-REFRIGERANT	579

# PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
<b>SISTEMA DE COMBUSTIBLE</b>				
CANDADO (GR) (TANQUE DE COMBUSTIBLE)	246-2641	1	COMBUSTIBLE - TANQUE DE (GR)	162
		1	COMBUSTIBLE - TANQUE DE (GR)	165
CANDADO (GR) (TUBERIA DE COMBUSTIBLE)	246-2641	1	FILTRO Y TUBERÍAS DE COMBUSTIBLE (GR)	136
COLADOR (CONJ) (COMBUSTIBLE)	2P-8679	1	REGULADOR (GR)	142
COLADOR DE COMBUSTIBLE	9P-7121	1	COMBUSTIBLE - TANQUE DE (GR)	163
COLADOR DE COMBUSTIBLE (LLENADO DEL TANQUE)	9P-7121	1	COMBUSTIBLE - TANQUE DE (GR)	166
EMPAQUETADURA (BOMBA DE CEBADO DE COMBUSTIBLE)	1P-0436	1	FILTRO DE COMBUSTIBLE Y SEPARADOR DE AGUA (GR)	141
		1	FILTRO Y TUBERÍAS DE COMBUSTIBLE (GR)	136
FILTRO (CONJ) (SEPARADOR DE AGUA, COMBUSTIBLE)	1R-0769	1	FILTRO DE COMBUSTIBLE Y SEPARADOR DE AGUA (GR)	140
FILTRO DE COMBUSTIBLE (CONJ)	1R-0749	1	FILTRO DE COMBUSTIBLE (GR)	139
FILTRO DE COMBUSTIBLE (GR)	133-3225	1	FILTRO Y TUBERÍAS DE COMBUSTIBLE (GR)	136
LLAVE	5P-8500	2	FILTRO Y TUBERÍAS DE COMBUSTIBLE (GR)	136
REJILLA DE SUMIDERO (TANQUE DE COMBUSTIBLE)	5G-4109	1	FILTRO Y TUBERÍAS DE COMBUSTIBLE (GR)	136
SELLO (SEPARADOR DE AGUA, COMBUSTIBLE)	220-8678	1	FILTRO DE COMBUSTIBLE Y SEPARADOR DE AGUA (GR)	140
TAPA DE LLENADO (CONJ) (COMBUSTIBLE, TRABA, VENTILACIÓN)	7X-7700	1	COMBUSTIBLE - TANQUE DE (GR)	163
		1	COMBUSTIBLE - TANQUE DE (GR)	166
TAPA DEL MANDO DE TACÓMETRO	9B-2232	1	MANDO DE TACÓMETRO (GR)	134
<b>SISTEMA DE ENFRIAMIENTO</b>				
EMPAQUETADURA, TAPA DE REGULADOR	4N-1156	2	TUBERÍAS DEL AGUA (GR)	82
		2	TUBERÍAS DEL AGUA (GR)	85
FILTRO (BOMBA DE AGUA)	111-2721	1	BOMBA DE AGUA (GR)	90
MANGUERA (RADIADOR)	106-4572	9	RADIADOR (GR)	93
REGULADOR DE TEMPERATURA DEL AGUA (92 GRADOS CENTÍGRADOS)	248-5513	2	TUBERÍAS DEL AGUA (GR)	82
REGULADOR DE TEMPERATURA (TERMOSTATO) (98 GRADOS C)	247-7133	2	TUBERÍAS DEL AGUA (GR)	85
SELLO DE LABIO	3S-9643	1	TUBERÍAS DEL AGUA (GR)	82
		1	TUBERÍAS DEL AGUA (GR)	85
TAPA DE RADIADOR (CONJ)	031-1119	1	TANQUE DE REFRIGERANTE (GR)	98
TAPÓN DE DRENAJE (TUBERIAS DE AGUA)	4B-7739	1	TUBERÍAS DEL AGUA (GR)	80

\* NO HAY TRADUCCION DISPONIBLE EN EL MOMENTO DE LA IMPRESION

# WARTUNGSTEILE

BESCHREIBUNG	ERSATZTEIL- NUMMER	MENGE	VERWENDET IN	SEITE
<b>FAHRERHAUS</b>				
FAHRERHAUSLUFTFILTER	107-0266	1	FAHRERHAUSHEIZUNG	590
KÄLTEMITTEL-DRUCKSPEICHER	170-0235	1	KLIMAAANLAGENLEITUNGEN	602
		1	KLIMAAANLAGENLEITUNGEN	606
KÄLTEMITTELTROCKNER	3E-3535	1	KLIMAAANLAGENLEITUNGEN	602
KÄLTEMITTELTROCKNER (KLIMAAANLAGE) (KÜHLMITTEL)	175-7162	1	KLIMAAANLAGENLEITUNGEN	606
KAPPE MIT ENTLÜFTER (SCHEIBEN- WASCHMITTELBEHÄLTER)	8E-8292	1	SCHEIBENWASCHMITTELBEHÄLTER	645
KEILRIEMEN (KLIMAAANLAGEN- KOMRESSOR)	199-6602	1	KÄLTEMITTELKOMPRESSOR	579
LEUCHE (24 V)	7N-1996	1	INSTRUMENTENTAFEL	624
LUFTFILTER (FAHRERHAUS) (GERUCHSREDUZIERUNG)	175-2832	1	FAHRERHAUSHEIZUNG	590
LUFTFILTER (FAHRERHAUS) (HOCHLEISTUNG)	175-2839	1	FAHRERHAUSHEIZUNG	590
LUFTFILTER (FAHRERHAUS) (STANDARD)	7T-1890	1	FAHRERHAUSHEIZUNG	590
SCHEIBENWISCHERBLATT (FENSTER, HINTEN)	5C-8811	1	SCHEIBENWISCHER	664
SCHEIBENWISCHERBLATT (TÜR, LINKS, RECHTS)	6V-5849	4	SCHEIBENWISCHER	664
SCHEIBENWISCHERBLATT (VORNE)	6V-5851	1	SCHEIBENWISCHER	664
SICHERHEITSGURT (AUSZIEHBAR)	222-0345	1	FAHRERSITZ	639
		1	FAHRERSITZ	640
UNTERBRECHER (15 A) (KLIMAAANLAGE)	6T-3643	1	KLIMAAANLAGENLEITUNGEN	606
<b>HYDRAULIKSYSTEM</b>				
DICHTUNG	9H-6454	1	HYDRAULIKTANK UND SCHMIERFILTER	476
EINFÜLLSTUTZENKAPPE (HYDRAULIKTANK)	7H-1447	1	HYDRAULIKTANK UND SCHMIERFILTER	476
FILTERSIEB	5D-7927	1	HYDRAULIKTANK UND SCHMIERFILTER	476
ÖLFILTERELEMENT (HYDRAULISCH) (FEUERBESTÄNDIG/HOCHLEISTUNG)	4T-3134	1	HYDRAULIKTANK UND SCHMIERFILTER	476
	104-6931	2	HYDRAULIKTANK UND SCHMIERFILTER	477
ÖLFILTERELEMENT (HYDRAULISCH) (NICHT WIEDERVERWENDBAR)	1R-0735	2	HYDRAULIKTANK UND SCHMIERFILTER	477
ÖLFILTERELEMENT (HYDRAULISCH) (SÄUBERN/HÖHERE LEISTUNG)	139-1536	1	HYDRAULIKTANK UND SCHMIERFILTER	476
	139-1537	2	HYDRAULIKTANK UND SCHMIERFILTER	477
ÖLFILTERELEMENT (STANDRAD EFFIZIENZ) (NICHT WIEDERVERWENDBAR)	1R-0722	1	HYDRAULIKTANK UND SCHMIERFILTER	476
SIEB	9T-7571	1	HYDRAULIKTANK UND SCHMIERFILTER	476
VORHÄNGESCHLOSS (HYDRAULIKTANKEINFÜLLSIEB)	246-2641	1	ZUGANGSKLAPPE - HYDRAULIKTANKKAPPE	425

# INDEX

Name	Page	Name	Page
PLATE-WARNING .....	198	REGULATOR-WATER TEMPERATURE	
PLATE-WARNING		(92-DEG C) .....	82
(HIGH PRESSURE CYLINDER) .....	378	RELAY AS (24-VOLT)	
PLATE-WARNING (RECOIL SPRING) .....	378	(CONDENSER BLOWER MOTOR) .....	583
	410	RELAY AS (24-VOLT) (FRONT WIPER) .....	665
PLATFORM GP .....	626	RELAY AS (24-VOLT) (REAR WIPER) .....	665
PLUG (DRAIN) .....	313	RELAY AS (24-VOLT) (WIPER, LH) .....	665
PLUG-DRAIN (PIVOT SHAFT OIL) .....	378	RELAY AS (24-VOLT) (WIPER, RH) .....	665
PLUG-DRAIN (PIVOT SHAFT OIL FILL) .....	378	RIPPER AR-MULTI-SHANK .....	557
PLUG (DRAIN) (TRANSMISSION CASE) .....	314	RIPPER AR-SINGLE SHANK .....	556
PLUG-DRAIN (WATER LINES) .....	80	RIPPER GP-MULTI-SHANK .....	559
PLUG-MAGNETIC (FINAL DRIVE, OIL FILL) .....	272	RIPPER GP-SINGLE SHANK .....	558
	275	ROCKER ARM GP .....	48
PLUG-OIL DRAIN .....	43	ROLLER & IDLER AR-COLD WEATHER .....	388
POWER TRAIN AR .....	294	ROLLER AR-TRACK CARRIER-	
PRECLEANER AR .....	116	HORIZONTAL MOUNTED .....	389
PRELUBRICATION AR-ENGINE .....	69	ROLLER GP-TRACK-DOUBLE FLANGE .....	390
PULLER AR-PIN .....	554	ROLLER GP-TRACK-DOUBLE FLANGE-	
PULLER GP-PIN .....	555	COLD WEATHER .....	391
PULLEY-ALTERNATOR .....	47	ROLLER GP-TRACK-SINGLE FLANGE .....	392
PUMP-COOLANT .....	198	ROLLER GP-TRACK-SINGLE FLANGE-	
PUMP GP-ENGINE OIL .....	71	COLD WEATHER .....	393
PUMP GP-FUEL INJECTION .....	155	ROPS GP .....	630
	156		631
PUMP GP-FUEL TRANSFER .....	159	ROTATING GP-PUMP .....	475
	160		
PUMP GP-GEAR .....	296		
PUMP GP-GEAR-POWER TRAIN-		<b>S</b>	
SCAVENGE .....	295	SCREEN AS .....	476
PUMP GP-GEAR-		SCREEN AS-BELL .....	62
POWER TRAIN CHARGING .....	297	SCREEN GP-PROTECTION .....	632
PUMP GP-GEAR (POWER TRAIN) .....	282	SCREEN-SUCTION .....	282
PUMP GP-GOV, FUEL INJ & TFR .....	161	SCREEN-SUCTION (TORQUE CONVERTER) ...	304
PUMP GP-PISTON-IMPLEMENT .....	473	SCREEN-SUCTION	
PUMP GP-WATER .....	89	(TRANSMISSION SCAVENGE) .....	259
	90	SCREEN-SUMP (FUEL TANK) .....	136
PUSH ARM GP-LH .....	520	SEAL GP-CRANKSHAFT .....	20
PUSH ARM GP-RH .....	521	SEAL GP (WATER PUMP) .....	90
PUSH ARM GP-STABILIZER .....	522	SEAL-LIP TYPE .....	82
			85
		SEAL (WATER SEPARATOR, FUEL) .....	140
<b>R</b>		SEAT AR-VINYL .....	633
RADIATOR AR-		SEAT BELT GP (RETRACTABLE) .....	639
HIGH AMBIENT TEMPERATURE .....	92		640
RADIATOR GP .....	93	SEAT GP-CLOTH .....	637
RECEIVER-DRYER .....	602		640
RECEIVER-DRYER GP (AIR CONDITIONER)		SEAT GP-VINYL .....	634
(REFRIGERANT) .....	606		635
RECEPTACLE AS (JUMP START) .....	182	SEAT GP-SUSPENSION-CLOTH .....	642
RECLINER GP-SEAT .....	629	SEAT GP-SUSPENSION-VINYL .....	641
REGULATOR AS-VOLTAGE (24-VOLT) .....	172	SEGMENT GP-SPROCKET .....	298
	174	SENSOR GP-FUEL LEVEL-ULTRASONIC .....	219
	176	SENSOR GP-PRESSURE-ENGINE OIL .....	220
REGULATOR-TEMPERATURE (98-DEG C) .....	85	SENSOR GP-PRESSURE (ENGINE OIL) .....	183

# INDEX

Désignation	Page	Désignation	Page
INTERRUPTEUR BALANCIER (ENS) (FEUX ARRIÈRE) .....	254	KIT DE BOULONNERIE (ALTERNATEUR) .....	176
INTERRUPTEUR BALANCIER (ENS) (PHARES AV) .....	254	KIT DE BOUTON (REGLAGE DE HAUTEUR) (SIEGE A SUSPENSION) .....	172 597
INTERRUPTEUR DE DÉMARRAGE (ASS) .....	250	KIT DE CHAPEAU DE FILTRE (RÉSERVOIR DE CARBURANT) .....	166
INTERRUPTEUR DE DEMARRAGE AU POINT MORT (ENS) (BOÎTE DE VITESSES) .....	261	KIT DE CHAPEAU DE FILTRE (RÉSERVOIR DE CARBURANT) (ÉVENT) ...	163
INTERRUPTEUR ROTATIF (ENS) (VENTILATEUR SOUFFLANT) .....	590	KIT DE COUSSINET .....	105
		KIT DE COUSSINET (ALTERNATEUR) .....	172
			176
<b>J</b>			
JAUGE D'HUILE MOTEUR (BAIONNETTE) (ASS) .....	61	KIT DE COUSSINET DE BIELLE (STANDARD) .....	45
JAUGE D'HUILE MOTEUR (BAÏONNETTE) (ENS) .....	282	KIT DE COUSSINET DE BIELLE (0,635 MM SOUS-DIMENSIONNÉ) .....	45
JEU DE COURROIES TRAPEZOIDALES (ALTERNATEUR) .....	178	KIT DE COUSSINET DE BIELLE (1,27 MM SOUS-DIMENSIONNÉ) .....	45
	180	KIT DE COUSSINET (PALIER DE DÉMARREUR) .....	238
JEU DE COURROIES TRAPEZOIDALES (COMPREND 4 COURROIES) .....	30	KIT DE COUSSINET (SIEGE A SUSPENSION) .....	598
	32	KIT DE GUIDE (VITRE DE CABINE) .....	659
JOINT (ASS) (POMPE À EAU) .....	90		661
JOINT DE COUVERCLE DE RÉGULATEUR .....	82	KIT DE JOINTS (ÉLECTROVANNE) .....	500
	85		501
JOINT DE VILEBREQUIN (ASS) .....	20		502
JOINT PLAT .....	476		503
JOINT PLAT (POMPE D'AMORÇAGE DE CARBURANT) ...	136	KIT DE PARE-CHOC (RÉGLAGE DU POIDS) (SIEGE A SUSPENSION) .....	598
JOINT PLAT (POMPE D'AMORÇAGE DE CARBURANT) ...	141	KIT DE PISTON .....	473
JOINT UNIVERSEL (ASS) .....	307	KIT DE PISTON EXCENTRIQUE .....	473
		KIT DE POUSSOIR (SIEGE A SUSPENSION) ...	598
		KIT DE PRISE FEMELLE (2 BROCHES) .....	578
		KIT DE REDRESSEUR .....	172
			174
		KIT DE REDRESSEUR (ALTERNATEUR) .....	176
		KIT DE RÉNOVATION DE LA POMPE À EAU (EAU) .....	90
KIT DE BALAI D'ESSUIE-GLACE (GLACE) .....	665	KIT DE RESSORT (VITRE DE CABINE) .....	657
KIT DE BEC (VITRE DE CABINE) .....	659		658
	661	KIT DE RESSORTS (REGLAGE DE HAUTEUR) (SIEGE A SUSPENSION) .....	597
KIT DE BLOC COULISSANT (SIEGE A SUSPENSION) .....	641	KIT DE RESSORTS (SIEGE A SUSPENSION) ...	597
	642	KIT D'ENGRENAGE DE DÉMARREUR .....	239
KIT DE BORNE D'ALTERNATEUR .....	172	KIT D'INDICATEUR (RÉGLAGE DU POIDS) (SIEGE A SUSPENSION) .....	598
KIT DE BORNE D'ALTERNATEUR (RELAIS) .....	174		
	176	<b>L</b>	
KIT DE BORNE D'ALTERNATEUR (SORTIE) ...	174	LAME DE BULLDOZER SEMI-UNIVERSELLE (VERSION) .....	506
	176		507
KIT DE BORNE D'ALTERNATEUR (TÉMOIN LUMINEUX) .....	174		508
	176		
KIT DE BORNE (DÉMARREUR) .....	231		
	234		
	239		
KIT DE BOULONNERIE (ALTERNATEUR) .....	174		

\* TRADUCTION NON DISPONIBLE AU MOMENT DE LA PUBLICATION

# INDICE

Nombre	Página	Nombre	Página
ENGRANAJE DE TRANSFERENCIA Y CORONA (GR) .....	278	FUSIBLE (10-AMPERIOS) .....	251
ENGRANAJE DELANTERO (GR) .....	35	FUSIBLE (15 AMPERIOS) .....	251
ENGRANAJE TRASERO (GR) .....	36	FUSIBLE (175-AMPERIOS) (PRINCIPAL) .....	251
ESCAPE DE GASES (GR) .....	60	FUSIBLE (20-AMPERIOS) .....	251
ESLABÓN DE CADENA (CONJ) .....	384		
	385	<b>G</b>	
ESPEJO (GR) .....	612	GRUPO DE CANTONERA Y CUCHILLA .....	542
ESTABILIZADOR DEL BRAZO DE EMPUJE (GR) .....	512		543
	513		544
	522	GRUPO DE HOJA Y CUCHILLA UNIVERSAL ...	527
ESTRUCTURA ROPS (GR) .....	630		528
	631		529
ETIQUETA DE ADVERTENCIA (GR) .....	669	GRUPO DE INTERRUPTOR-BOTON PULSADOR .....	249
ETIQUETA DE ADVERTENCIA (GR) .....	668	GRUPO DE INTERRUPTOR-BOTON PULSADOR (BOCINA) .....	254
EXPULSOR DE POLVO (GR) .....	107	GRUPO DE MONTAJE DE LA CABINA .....	618
EXTENSIÓN DEL RESPALDO (GR) (TELA) .....	640	GRUPO DE SELLO (BOMBA DE AGUA) .....	90
EXTENSIÓN DEL RESPALDO (GR) (VINIL) .....	639	GRUPO DE VÁLVULAS (MULTIPLE DE ADMISION) .....	495
EXTRACTOR DE PASADOR (CONFIG) .....	554	GRUPO DE 4 VÁLVULAS HIDRÁULICAS .....	481
EXTRACTOR DE PASADOR (GR) .....	555	GRUPO GIRATORIO DE BOMBA .....	475
		GUARDABARROS (GR) .....	348
<b>F</b>			351
FILTRO (BOMBA DE AGUA) .....	90		352
FILTRO (CONJ) (AGUA DE LAS CAMISAS) .....	199		
FILTRO (CONJ) (SEPARADOR DE AGUA, COMBUSTIBLE) ...	140	<b>H</b>	
FILTRO DE ACEITE DEL MOTOR (CONJ) .....	58	HOJA DE LIMPIAPARABRISAS (CONJ) (DELANTERO) .....	664
FILTRO DE ACEITE DEL MOTOR (GR) .....	58	HOJA DE LIMPIAPARABRISAS (CONJ) (PUERTA, LADO IZQUIERDO, LADO DERECHO) .....	664
FILTRO DE ACEITE (GR) .....	270	HOJA DE LIMPIAPARABRISAS (CONJ) (VENTANA POSTERIOR) .....	664
FILTRO DE ACEITE (GR) (TREN DE FUERZA) ...	282	HOJA SEMIUNIVERSAL (CONJ) .....	530
FILTRO DE AIRE (CABINA) (ALTA EFICIENCIA) .....	590		531
FILTRO DE AIRE (CABINA) (ESTANDAR) .....	590		532
FILTRO DE AIRE (CABINA) (REDUCCION DE OLORES) .....	590		533
FILTRO DE AIRE DE CABINA .....	590		534
FILTRO DE AIRE (GR) .....	103	HOJA SEMIUNIVERSAL (GR) .....	540
FILTRO DE COMBUSTIBLE (CONJ) .....	139	HOJA TOPADORA (CONFIG) .....	505
	199		506
FILTRO DE COMBUSTIBLE (GR) .....	136	HOJA TOPADORA SEMIUNIVERSAL .....	506
	139		507
FILTRO DE COMBUSTIBLE Y SEPARADOR DE AGUA (GR) .....	141	HOJA TOPADORA UNIVERSAL (CONFIG) .....	509
FILTRO DE COMBUSTIBLE Y SEPARADOR DE AGUA (GR) .....	140		510
FILTRO ESPONJOSO (SENSOR DE NIVEL DE COMBUSTIBLE) ....	183		511
FILTRO Y TUBERÍAS DE COMBUSTIBLE (GR) .....	136	HOJA UNIVERSAL (CONJ) .....	535
FRENO Y EMBRAGUE DE DIRECCIÓN (GR) ...	410		536
FUSIBLE .....	198		

\* NO HAY TRADUCCION DISPONIBLE EN EL MOMENTO DE LA IMPRESION

# ÍNDICE

Designação	Página	Designação	Página
CILINDRO DE TOMBAMENTO DO RIPER .....	439	CONTRAPESO .....	316
	441		318
CILINDRO DO RÍPER .....	434	CONTROLE - EXTRATOR DO PINO	
	436	HIDRÁULICO .....	422
CILINDRO DO SACADOR DE PINO DO		CONTROLE - FREIO E EMBREAGEM DA	
RIPER .....	438	DIREÇÃO .....	412
CILINDROS E TUBOS - RÍPER .....	430	CONTROLE DA TRANSMISSÃO .....	261
CINTO DE SEGURANÇA (RETRÁTIL) .....	639	CONTROLE DO GOVERNADOR .....	129
	640		132
CINZEIRO .....	590	CONTROLE DO PAINEL MONITOR .....	585
CLIMA FRIO - ARRANJO .....	1	CONTROLE DO PAINEL MONITOR	
	2	(REDUTOR DE LUMINOSIDADE) .....	254
COBERTURA - LADO DIREITO .....	345	CONTROLE DO PAINEL MONITOR (SISTEMA	
	346	DE MONITORIZAÇÃO CATERPILLAR) .....	624
	347	CONTROLE ELETRÔNICO	
COBERTURA - LADO ESQUERDO .....	343	(LUZ DO PAINEL DE INSTRUMENTOS) .....	624
	344	CONTROLE ELETRÔNICO	
COBERTURA DO MOTOR .....	331	(LUZ DO PAINEL DE INSTRUMENTOS) .....	665
	334	CONTROLE HIDRÁULICO .....	424
	337	CONTROLE HIDRÁULICO DA	
	338	TRANSMISSÃO .....	265
	339	CONTROLE HIDRÁULICO DO ACESSÓRIO .....	424
	340	CONVERSÃO PARA ESTRUTURA NÃO	
	341	ROPS .....	586
*COIL AS-HEATER .....	565	CONVERSOR DE POTÊNCIA	
COLETOR - VÁLVULA .....	471	(24-VOLTS A 12-VOLTS) .....	255
COLETOR - VÁLVULA		CONVERSOR DE TORQUE .....	300
(CONTROLE DO IMPLEMENTO) .....	481		302
COLETOR DE ESCAPE .....	113		304
COLMÉIA .....	82	CONVERSOR ELÉTRICO .....	194
	85	CORDÃO PARA LITERATURA .....	195
	93	COROA E ENGRENAGEM DE	
	267	TRANSFERÊNCIA .....	278
COLMEIA DO RADIADOR .....	4	CORREIA EM V	
	92	(COMPRESSOR DO AR CONDICIONADO) .....	579
	93	CRONÔMETRO-ESPERA DE LIGAÇÃO	
COMANDO DO GOVERNADOR E DA BOMBA		(24 VOLTS) .....	602
DE COMBUSTÍVEL .....	133	CRONÔMETRO-ESPERA DE LIGAÇÃO	
COMANDO DO TACÔMETRO .....	134	(24 VOLTS) (LIMITADOR DE CICLO DO	
COMANDO DO VENTILADOR .....	30	COMPRESSOR) .....	606
	32	*CYLINDER AS-ETHER .....	224
COMANDO FINAL .....	272		
	275		
COMPRESSOR DE REFRIGERANTE .....	578		
	579		
CONDENSADOR DE REFRIGERANTE .....	583		
CONDENSADOR DO REFRIGERANTE E			
MONTAGEM .....	581		
CONDICIONADOR DE AR .....	564		
	565		
CONEXÃO - ELÉTRICA .....	193		
CONSOLE - INTERRUPTOR			
(LIMPADOR DO VIDRO DA JANELA) .....	664		

## D

DECALQUE .....	668
	669
DECALQUE - ADVERTÊNCIA	
(CABOS AUXILIARES) .....	227
DECALQUE - ADVERTÊNCIA	
(CABOS AUXILIARES) .....	189
DECALQUE - ADVERTÊNCIA	
(MOLA TENSORA) .....	378

\* TRADUÇÃO NÃO DISPONÍVEL NO MOMENTO DA IMPRESSÃO



# MACHINE ARRANGEMENT

## 262-9876 COLD WEATHER AR

S/N: WDM1-UP

FOR USE WITH 246-1057-PAGE 334  
AN ATTACHMENT

SMCS-7000

i02238303

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	124-7578	1	CASE & FRAME GP						313
Y	262-9907	1	ENCLOSURE GP-RH						347
Y	124-5517	1	FLOORPLATE AR (QUICK RELEASE)						353
Y	198-6733	1	HEATER GP-JACKET WATER						198
	<b>1Q-3152</b>	1	FILM-NOTICE (JACKET WATER HEATER) (ON LOWER RH CORNER OF FRONT CAB WINDOW FACING OPERATOR)						
Y-SEPARATE ILLUSTRATION									

<END>

## 233-5250 GENERAL AR

S/N: WDM1-UP

SMCS-7000

i02228953

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	233-5251	1	CHASSIS AR						1
Y	233-5252	1	CONTROL AR-HYDRAULIC IMPLEMENT						424
Y	<b>169-3690</b>	1	ENGINE AR						5
Y	233-5253	1	INSTALLATION AR-ENGINE						7
Y	162-9513	1	POWER TRAIN AR						294
Y	187-2015	1	UNDERCARRIAGE AR						409

Y-SEPARATE ILLUSTRATION

<END>

# BASIC ENGINE

## 4N-0963 CAMSHAFT GP

S/N: 48W42331-UP

SINGLE

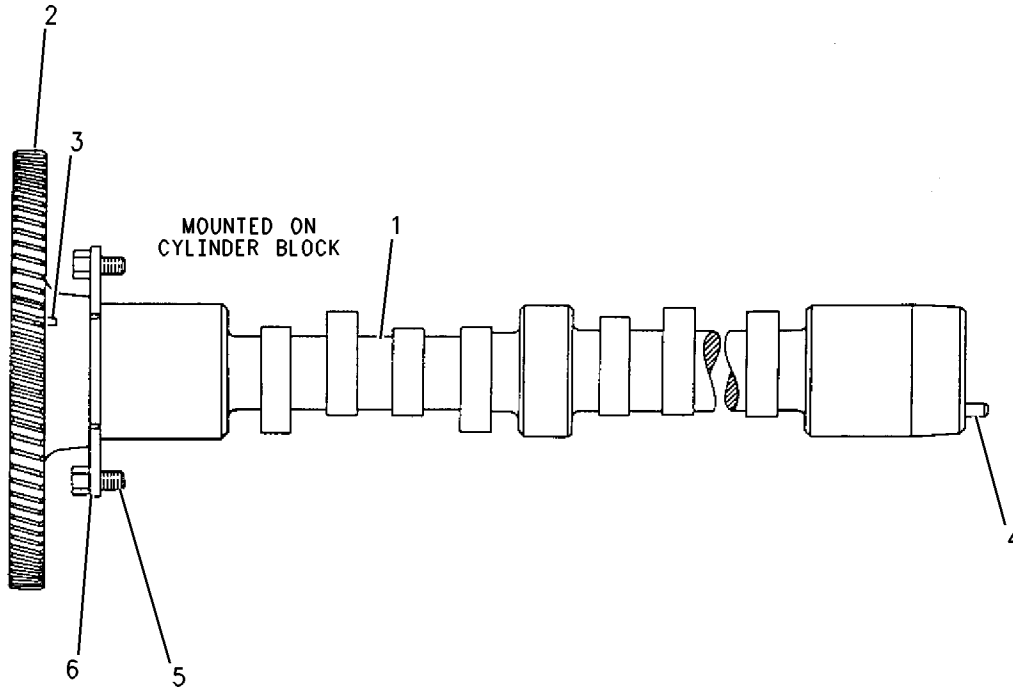
PART OF 169-3690, 203-5589 ENGINE AR  
ALSO AN ATTACHMENT

SMCS-1210, 1211, 1212

i01471629

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
CR	1	1	<b>2W-7980</b>	1	CAMSHAFT AS						
	2	1	<b>101-3374</b>	1	GEAR-CAMSHAFT DRIVE (86 TEETH)						
	3	1	<b>1B-8705</b>	1	KEY-WOODRUFF						
	4	1	<b>4N-0955</b>	1	DOWEL						
	5	1	<b>0S-0509</b>	2	BOLT (3/8-16X0.75 IN)						
	6	1	<b>4N-0342</b>	1	PLATE-CAMSHAFT THRUST						

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



GRAPHIC #1

<END>

g00767845

# BASIC ENGINE

## 1W-5082 CYLINDER BLOCK GP

S/N: 48W42331-UP

PART OF 169-3690, 203-5589 ENGINE AR  
ALSO AN ATTACHMENT

SMCS-1201

i01908086

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7W-4990	8	JET AS-PISTON COOLING						
	2	1	4N-1650	4	DOWEL						
	3	1	8T-6763	4	PLUG-PIPE						
CY	4	1	117-9509	1	CYLINDER BLOCK AS						21
	5	1	8T-6757	7	PLUG-PIPE						
	6	1	6N-9133	2	GASKET-PLATE						
	7	1	6I-4613	2	PLATE-SPACER						
	8	1	4N-0693	3	PLUG-TAPERLOCK (38.10MM)						
					-OR-						
		1	7C-9614	3	PLUG-TAPERLOCK (41.28MM)						
	9	1	4N-0683	4	DOWEL						
	10	1	7E-6479	8	BOLT (3/8-16-THD)						
	11	1	3B-0645	1	PLUG-CUP						
	12	1	6L-4428	3	STUD-TAPERLOCK (3/8-16X4.01-IN)						
C	13	1	114-4427	2	SEAL-O-RING						
	14	1	7W-6534	2	PLUG-PIPE						
	15	1	5P-8356	2	SEAL-O-RING						
	16	1	3S-6605	2	PLUG-CUP						
	17	1	9S-4190	2	PLUG						
B	18	1	8T-6764	1	PLUG-PIPE						
	19	1	7C-7407	1	STUD						
J	20	1	7W-6534	1	PLUG-PIPE						
BJ	21	1	9S-4190	2	PLUG						
BCJ		1	114-4427	2	SEAL-O-RING						
J	22	1	7W-6534	1	PLUG-PIPE						
B	23	1	7W-6534	1	PLUG-PIPE						
B	24	1	7W-6534	1	PLUG-PIPE						
AFL			4W-6061		SLEEVE-BOTTOM LINER						
AFN			4W-4588		SLEEVE-LIFTER BORE						
AFN			9Y-3368		INSERT-LINER SEAT (0.834-MM THK)						
AFN			2W-3815		INSERT-SEAT (1.59-MM THK)						
AFN			5N-0093		INSERT-SEAT (2.7-MM THK)						
AFN			101-0523		INSERT-LINER SEAT (5.21-MM THK)						

A-NOT PART OF THIS GROUP

B-USE AS REQUIRED

C-CHANGE FROM PREVIOUS TYPE

F-NOT SHOWN

J-MOUNTED ON LH SIDE OF CYLINDER BLOCK

L-FOR SALVAGE OF BOTTOM LINER O-RING BORE, QUANTITY TO BE DETERMINED BY USER

N-FOR SALVAGE OF DAMAGED CYL BLOCK LIFTER BORES, QUANTITY TO BE DETERMINED BY USER

Y-SEPARATE ILLUSTRATION

# BASIC ENGINE

## 205-3201 DRIVE GP-FAN

S/N: WDM1-UP

PART OF 205-3586 MACHINE AR-COLD WEATHER  
AN ATTACHMENT

SMCS-1357, 1358, 1359, 1390

i01617401

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	149-7756	1	BRACKET AS						
	2	1	1S-9209	1	SHAFT-TIGHTENER						
		1	8H-9189	1	DOWEL						
	3	1	115-0448	1	SHAFT						
	4	1	149-2969	1	PULLEY						
	5	1	115-0776	1	HUB						
	6	1	5F-3999	1	SEAL-O-RING						
	7	1	5M-8009	1	PIN-SPRING						
	8	1	115-0775	1	ADAPTER						
	9	1	5P-4626	1	BOLT (5/8-11X10.5-IN)						
	10	1	6I-1684	1	PLATE						
	11	1	9B-7237	14	BOLT (3/8-16X1.25-IN)						
	12	1	6Y-7652	2	CUP-BEARING (TAPERED ROLLER)						
	13	1	6Y-7651	2	CONE-BEARING						
	14	1	115-2460	1	V-BELT SET (INCLUDES 4 BELTS)						
	15	1	8C-5222	1	SEAL-LIP TYPE						
	16	1	7X-0326	4	BOLT (1/2-13X3-IN)						
	17	1	3B-8489	1	FITTING-GREASE						
	18	1	3V-4943	1	HOSE AS						
	19	1	8T-4223	14	WASHER-HARD (13.5X25.5X3-MM THK)						
	20	1	6I-0976	1	SLEEVE						
	21	1	6I-0977	1	SPACER (63.9X90X106.8-MM THK)						

# BASIC ENGINE

## 124-4461 LIFTING GP-ENGINE

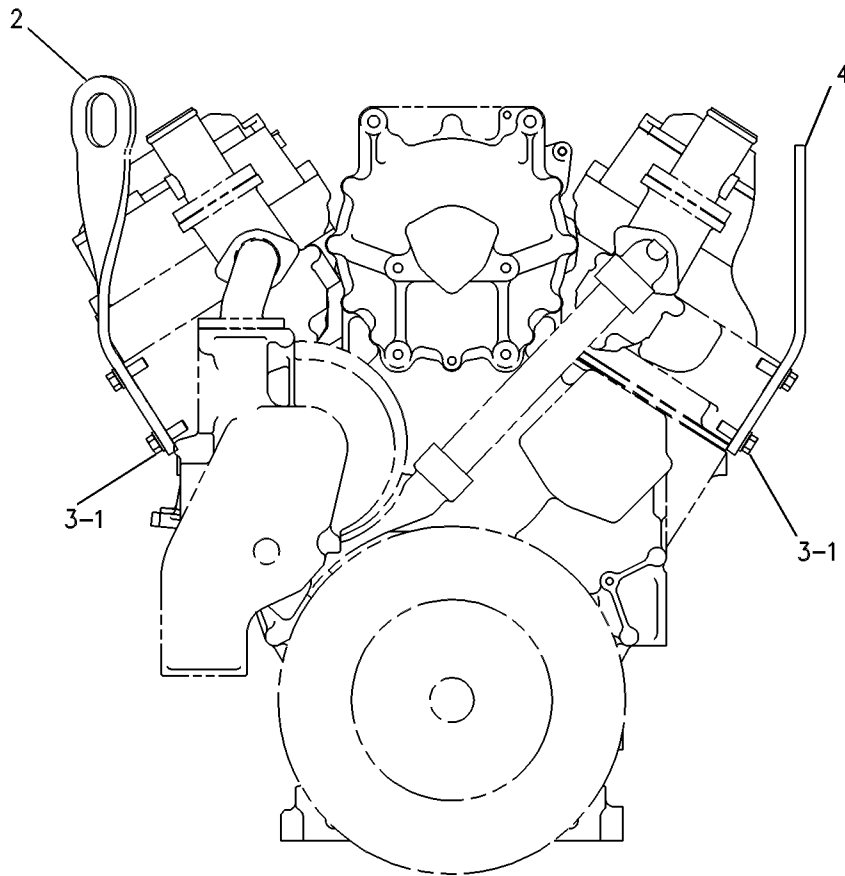
S/N: 48W42331-UP

PART OF 169-3690, 203-5589 ENGINE AR  
ALSO AN ATTACHMENT

SMCS-1122

i01390310

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-8245	8	WASHER-HARD (13.5X25.5X3MM THK)						
	2	1	118-8475	1	BRACKET-LIFTING (RIGHT)						
	3	1	7B-3235	8	BOLT (1/2-13X1.375 IN)						
	4	1	118-9115	1	BRACKET-LIFTING (LEFT)						



FRONT VIEW

GRAPHIC #1

<END>

g00086666

# BASIC ENGINE

## 4N-4298 VALVE MECHANISM GP

S/N: 48W42331-UP

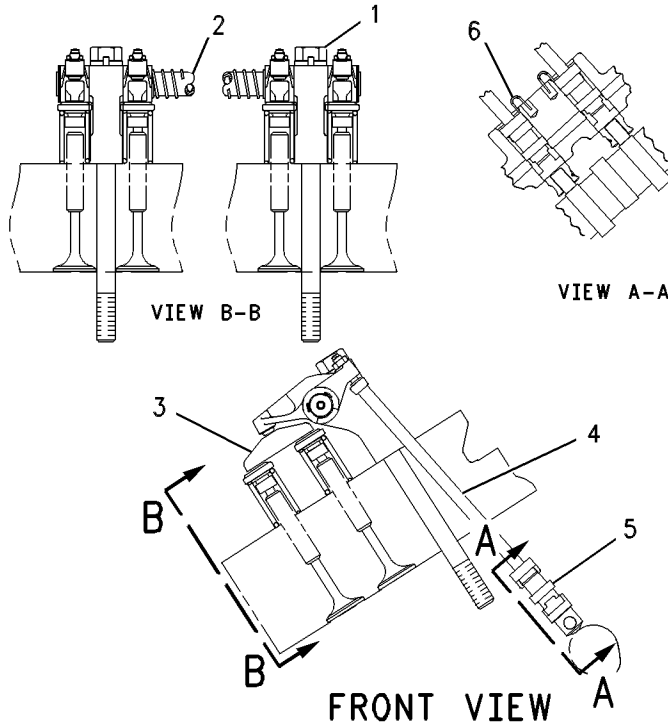
PART OF 169-3690, 203-5589 ENGINE AR  
ALSO AN ATTACHMENT

SMCS-1102, 1112, 1121, 1123, 1208, 1209

i01446355

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2P-9845	8	BOLT (3/4-16X11.5 IN)						
		1	5H-1504	8	WASHER-HARD (20X33.5X5MM THK)						
Y	2	1	4N-1718	2	ROCKER ARM GP						48
C	3	1	100-6889	16	BRIDGE-VALVE						
	4	1	4W-5998	16	PUSHROD AS						
	5	1	101-7788	16	LIFTER AS-VALVE						
	6	1	6N-6872	16	SPRING-GUIDE						

C-CHANGE FROM PREVIOUS TYPE  
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00282222

# LUBRICATION SYSTEM

## 7N-6700 LINES GP-ENGINE OIL

S/N: 48W42331-UP

PART OF 169-3690, 203-5589 ENGINE AR  
ALSO AN ATTACHMENT

SMCS-1307

i01446368

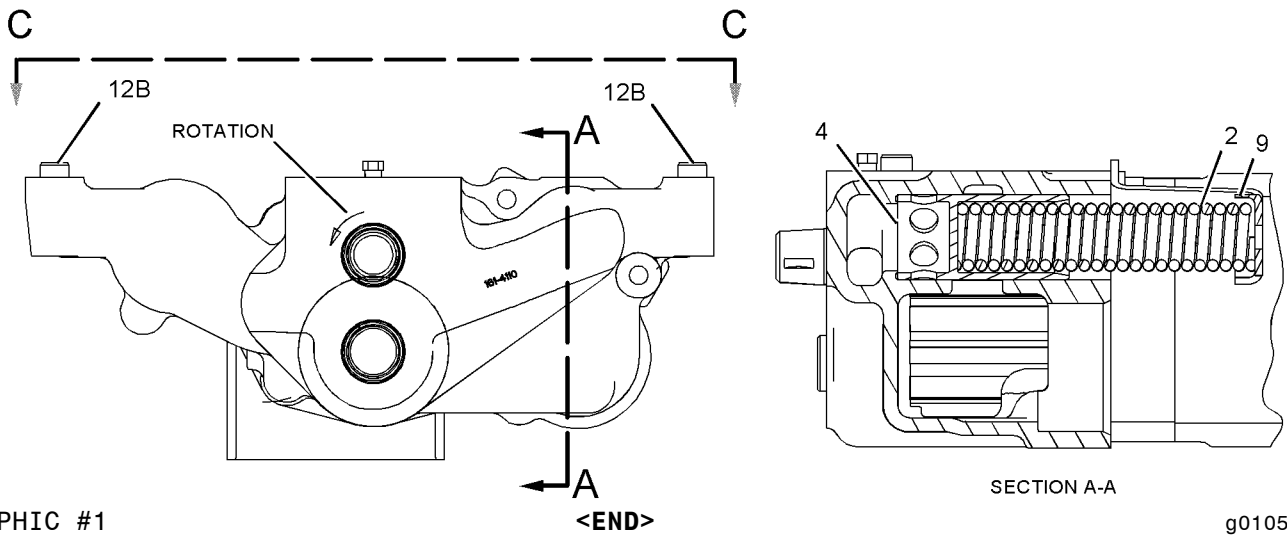
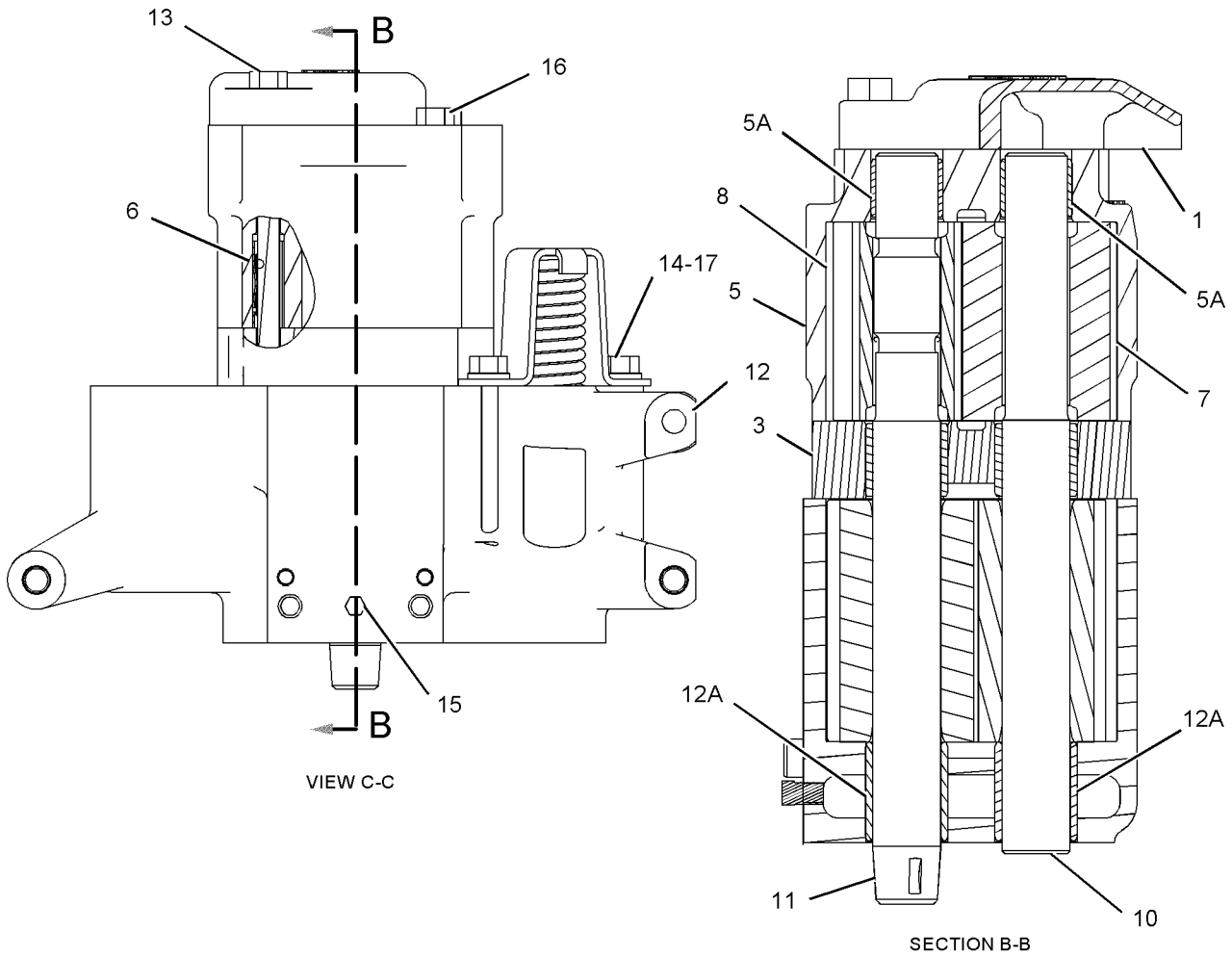
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	0S-1594	10	BOLT (3/8-16X1 IN)						
	2	1	1P-3705	1	SEAL-RECTANGULAR						
	3	1	0L-1351	1	BOLT (3/8-16X0.875 IN)						
	4	1	5M-2894	10	WASHER-HARD (10.2X18.5X2.5MM THK)						
	5	1	6V-3830	1	SEAL-O-RING (34.29MM ID)						
	6	1	7N-6253	1	ELBOW						
	7	1	0S-1588	2	BOLT (3/8-16X1.25 IN)						
	8	1	0S-1591	2	BOLT (3/8-16X1.5 IN)						
	9	1	7N-6251	1	TUBE AS						
	10	1	0S-1595	1	BOLT (1/2-13X1.25 IN)						
		1	5P-8245	1	WASHER-HARD (13.5X25.5X3MM THK)						
C	11	1	1W-8795	1	BRACKET						
	12	1	9S-8752	2	NUT-FULL (3/8-16 THD)						
	13	1	1W-6012	1	TUBE AS						
	14	1	9K-4430	1	CLAMP						
	15	1	1W-5996	1	PLATE-FRONT PAN						
	16	1	109-0078	2	SEAL-O-RING (33.47MM ID)						
	17	1	0S-1608	1	BOLT (3/8-16X3.75 IN)						
	18	1	1W-5992	1	PIPE AS-PUMP SUCTION						
	19	1	8J-4351	1	SEAL-O-RING (44.04MM ID)						
	20	1	4N-0914	1	CLIP						
	21	1	4N-0913	1	SCREEN AS-BELL						
	22	1	8N-2104	1	BELL AS-SUCTION						
		1	9F-2978	2	NUT-WELD (3/8-16 THD)						
	23	1	0L-1352	2	BOLT (3/8-16X3.25 IN)						
C	24	1	2W-1010	1	SUPPORT						
	25	1	7N-6255	1	TUBE AS-OUTLET						
	26	1	0T-0768	4	BOLT (7/16-14X1.75IN)						
	27	1	2S-2053	1	CLIP						
	28	1	8N-6740	1	RETAINER						
		1	8N-6739	1	RING-RETAINING						
	29	1	9L-9132	2	WASHER (10.2X25.5X2.5MM THK)						
	30	2	0T-0065	1	BOLT (3/8-16X3.5 IN)						
	31	2	109-0076	3	SEAL-O-RING (50.17MM ID)						
	32	2	4F-8965	4	BOLT (7/16-14X1.125IN)						
	33	2	5P-8244	4	WASHER (12X22.5X2.5MM THK)						
	34	2	5H-2068	1	COVER						
		2	118-7214	1	SEAL-O-RING (37.69MM ID)						
	35	2	0S-1594	8	BOLT (3/8-16X1 IN)						
	36	2	5M-2894	3	WASHER-HARD (10.2X18.5X2.5MM THK)						
	37	2	4N-0861	1	COVER						
	38	2	4N-0865	1	GASKET						
C	39	2	9F-6304	2	SPRING						
	40	2	9M-0853	2	PLUNGER-RELIEF VALVE						
	41	2	0L-2070	1	BOLT (3/8-16X2.25 IN)						
	42	2	1W-1116	1	BODY-BYPASS						
	43	2	109-0078	2	SEAL-O-RING (33.47MM ID)						
	44	2	4N-8410	1	TUBE-COOLER BYPASS						
	45	2	114-2687	2	SEAL-O-RING (23.16MM ID)						
	46	2	4N-9753	1	ELBOW-COOLER OUTLET						
	47	2	7N-6252	1	TUBE AS-LH						
	48	2	5H-0135	1	GASKET						
	49	2	6V-3830	1	SEAL-O-RING (34.29MM ID)						
	50	2	0S-1591	2	BOLT (3/8-16X1.5 IN)						

C-CHANGE FROM PREVIOUS TYPE

# LUBRICATION SYSTEM

161-4110 PUMP GP-ENGINE OIL (contd.)

i02271688



GRAPHIC #1

<END>

g01059381

# COOLING SYSTEM

## 173-5562 LINES GP-WATER

S/N: 48W42331-UP

PART OF 169-3690 ENGINE AR

SMCS-1355, 1380, 1393

i02162444

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4N-0864	1	GASKET						
	2	1	4N-1156	2	GASKET-REGULATOR COVER						
	3	1	4N-1799	1	FLANGE						
	4	1	4N-1946	1	GASKET						
	5	1	4N-2199	1	GASKET						
	6	1	4N-3152	1	COVER						
	7	1	4P-3864	1	COVER-WATER PUMP						
	8	1	248-5513	2	REGULATOR-WATER TEMPERATURE (92-DEG C)						
	9	1	6N-0008	1	ADAPTER						
	10	1	6N-7145	1	BONNET-INLET						
R	11	1	7C-3039	1	CORE AS						
	12	1	7W-6752	1	BONNET						
	13	1	7W-7000	1	ELBOW						
	14	1	8T-4984	2	CLAMP-HOSE						
	15	1	105-8655	1	ELBOW						
	16	1	105-9678	1	ELBOW						
	17	1	108-1462	1	TUBE						
	18	1	108-8105	2	GASKET						
	19	1	109-2811	1	PLATE-COVER						
	20	1	111-4639	1	COVER AS						
		1	3S-9643	1	SEAL-LIP TYPE						
		1	7M-7410	1	PLUG-PIPE						
		1	119-4739	1	COVER-REGULATOR HOUSING						
	21	1	111-4640	1	COVER AS						
		1	3S-9643	1	SEAL-LIP TYPE						
	22	1	126-0189	1	ELBOW-COOLER OUTLET						
	23	1	131-8428	1	ELBOW						
	24	1	132-5125	1	ELBOW						
	25	1	132-7370	1	HOSE						
	26	1	154-9024	1	VALVE GP-FLUID SAMPLING						
	27	1	157-0670	1	CAP-DUST						
	28	1	170-1882	1	BRACKET AS						
		1	8T-5912	3	NUT-WELD (3/8-16-THD)						
	29	1	0L-1143	1	BOLT (3/8-16X2.5-IN)						
	30	1	0L-1351	5	BOLT (3/8-16X0.875-IN)						
	31	1	0L-1352	2	BOLT (3/8-16X3.25-IN)						
	32	1	0S-1588	7	BOLT (3/8-16X1.25-IN)						
	33	1	0S-1594	10	BOLT (3/8-16X1-IN)						
	34	1	0S-1619	3	BOLT (3/8-16X3-IN)						
	35	1	0T-0065	9	BOLT (3/8-16X3.5-IN)						
	36	1	109-0072	2	SEAL-O-RING						
	37	1	109-0073	1	SEAL-O-RING						
	38	1	109-0074	1	SEAL-O-RING						
	39	1	109-0076	1	SEAL-O-RING						
	40	1	109-0077	2	SEAL-O-RING						
	41	1	1A-5183	1	BOLT (3/8-16X4.75-IN)						
	42	1	1A-5964	3	BOLT (3/8-16X4.5-IN)						
	43	1	5B-9603	2	BOLT (3/8-16X5-IN)						
	44	1	5M-2894	3	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	45	1	6B-4661	1	BUSHING-REDUCER						
	46	1	7C-0307	5	GASKET						
	47	1	7X-7731	2	PLUG-PIPE						
	48	1	8T-6761	1	PLUG-PIPE						
	49	1	8T-6762	1	PLUG-PIPE						
	50	1	8T-6764	3	PLUG-PIPE						
	51	1	9X-6458	5	WASHER-HARD (10.2X22.5X3-MM THK)						

# COOLING SYSTEM

## 217-0009 RADIATOR AR-HIGH AMBIENT TEMPERATURE

S/N: WDM1-UP  
AN ATTACHMENT

SMCS-1353

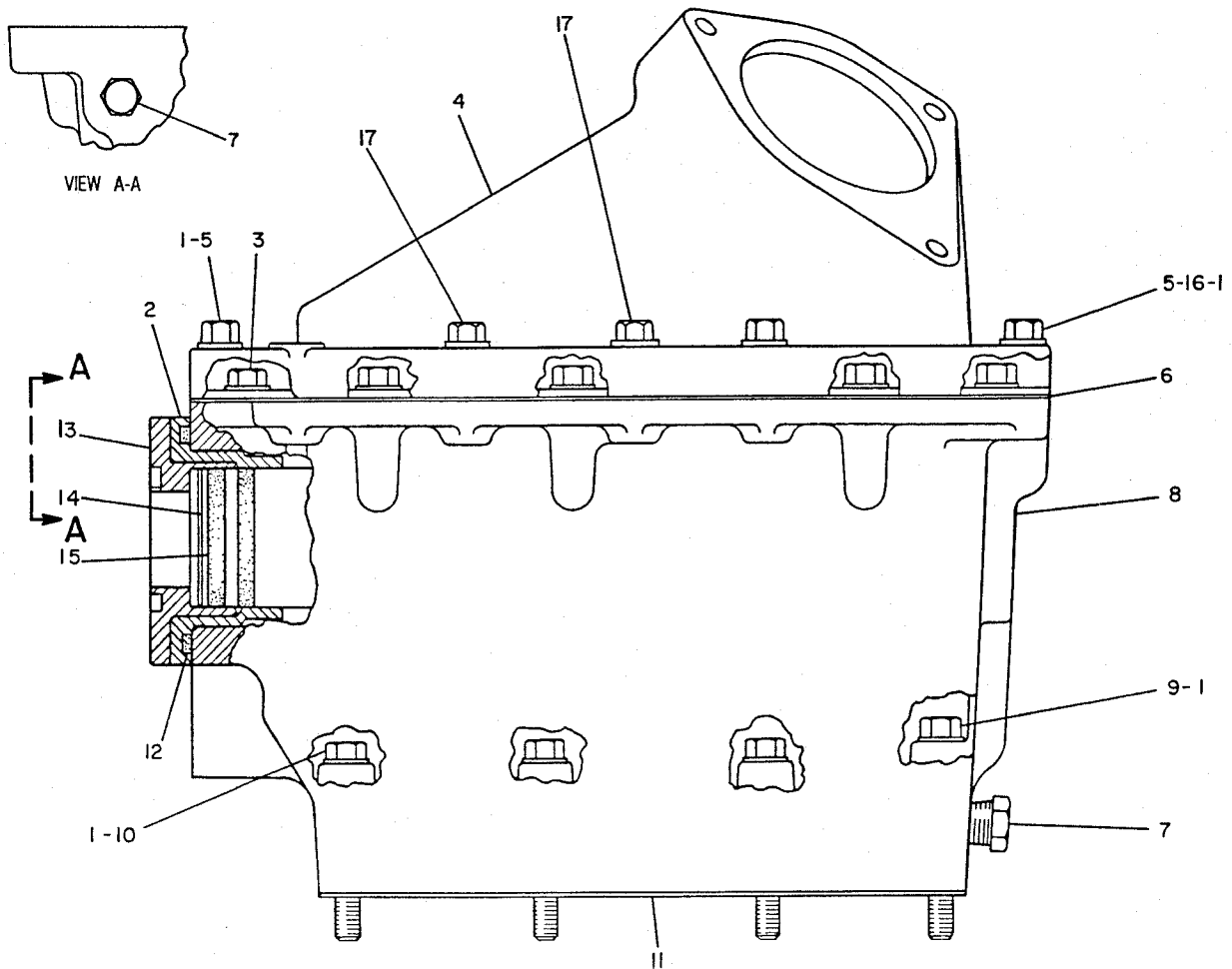
i02270993

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	209-5494	8	CORE AS-RADIATOR						
	224-6323	2	CORE AS-RADIATOR						
<b>&lt;END&gt;</b>									

# AIR INLET AND EXHAUST SYSTEM

9N-6613 AFTERCOOLER GP-WATER (contd.)

i01446415



GRAPHIC #1

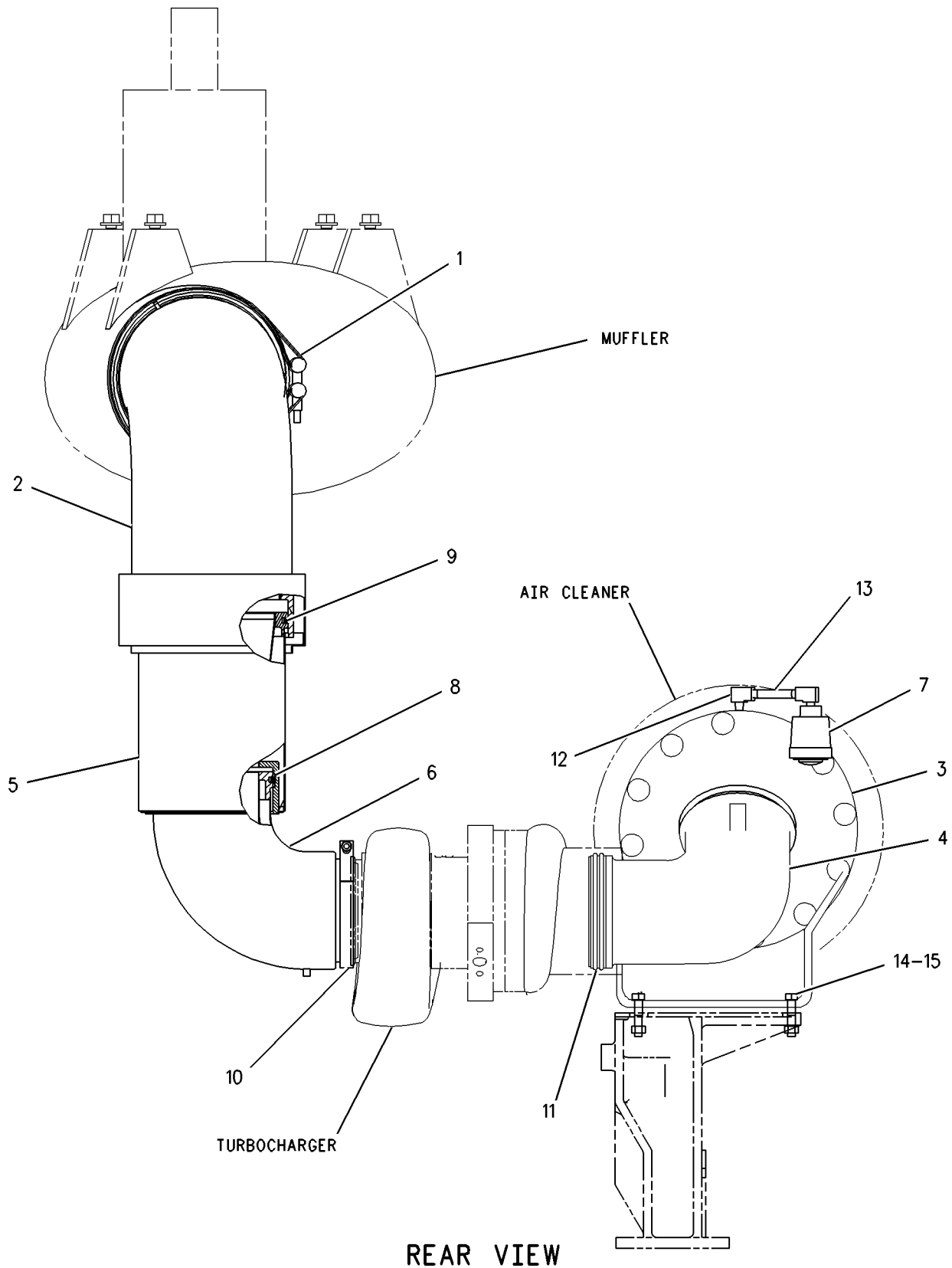
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g00110695

# AIR INLET AND EXHAUST SYSTEM

169-3704 LINES GP-AIR (contd.)

i01446430



REAR VIEW

GRAPHIC #1

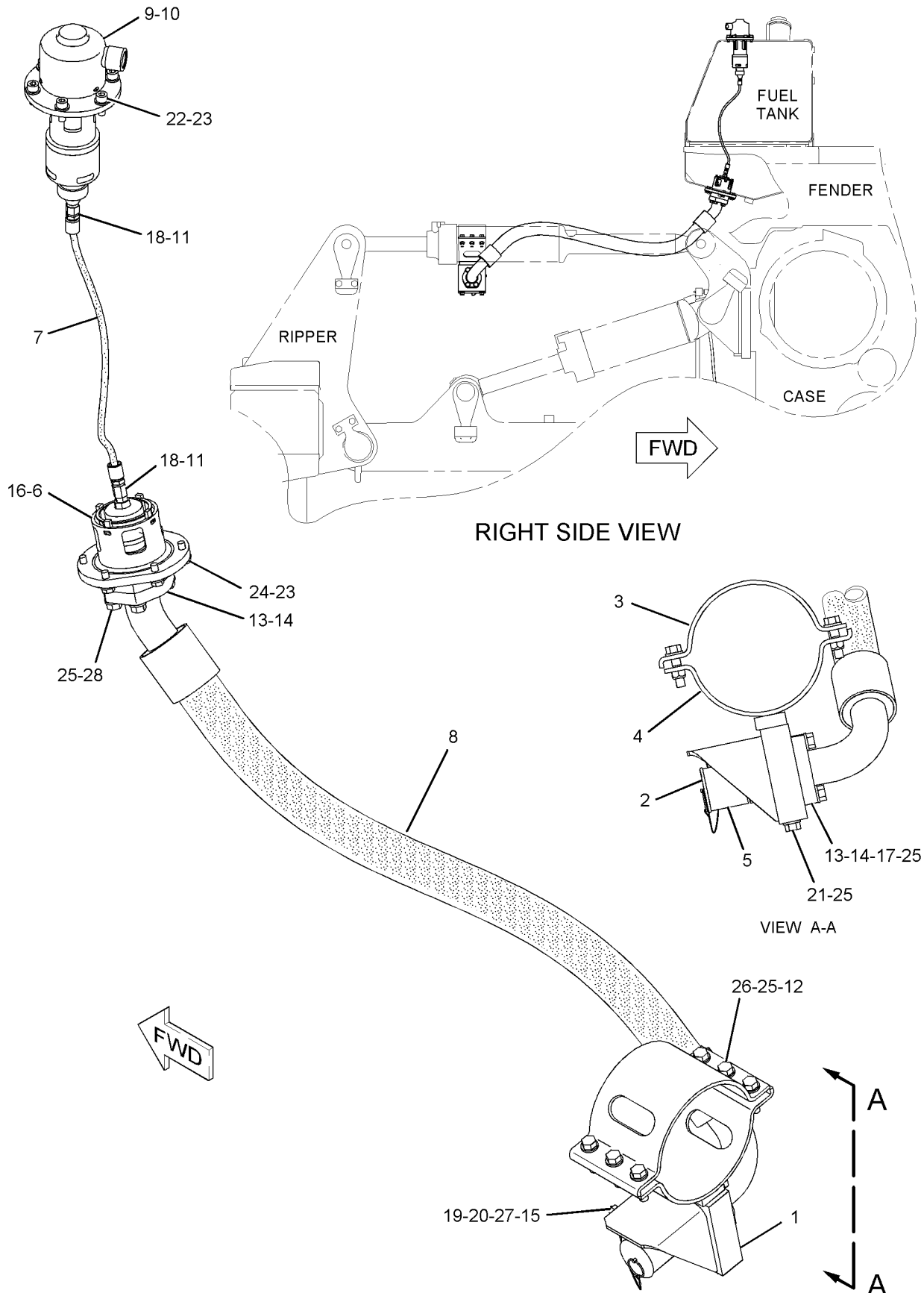
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g00687149

# FUEL SYSTEM

236-5177 ADAPTER GP-FAST FILL FUEL (contd.)

i02001274



GRAPHIC #1

<END>

g01039020

# FUEL SYSTEM

## 9N-1822 CONTROL GP-GOVERNOR

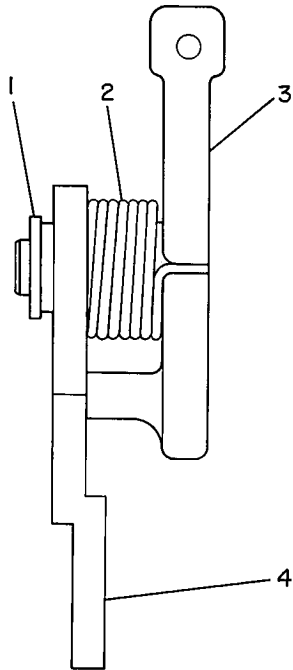
S/N: WDM1-UP

PART OF 6Y-7668 CONTROL GP-GOVERNOR

SMCS-1265, 1276

i00581286

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8S-7803	1	RING-RETAINING						
	2	1	6I-1936	1	SPRING						
	3	1	9N-3735	1	LEVER						
	4	1	9N-3736	1	LEVER						



GRAPHIC #1

<END>

g00152023

# FUEL SYSTEM

## 4W-6013 GOVERNOR GP

S/N: 48W42331-UP

PART OF 104-7032 PUMP GP-GOV, FUEL INJ & TFR  
ALSO AN ATTACHMENT

SMCS-1264, 1908

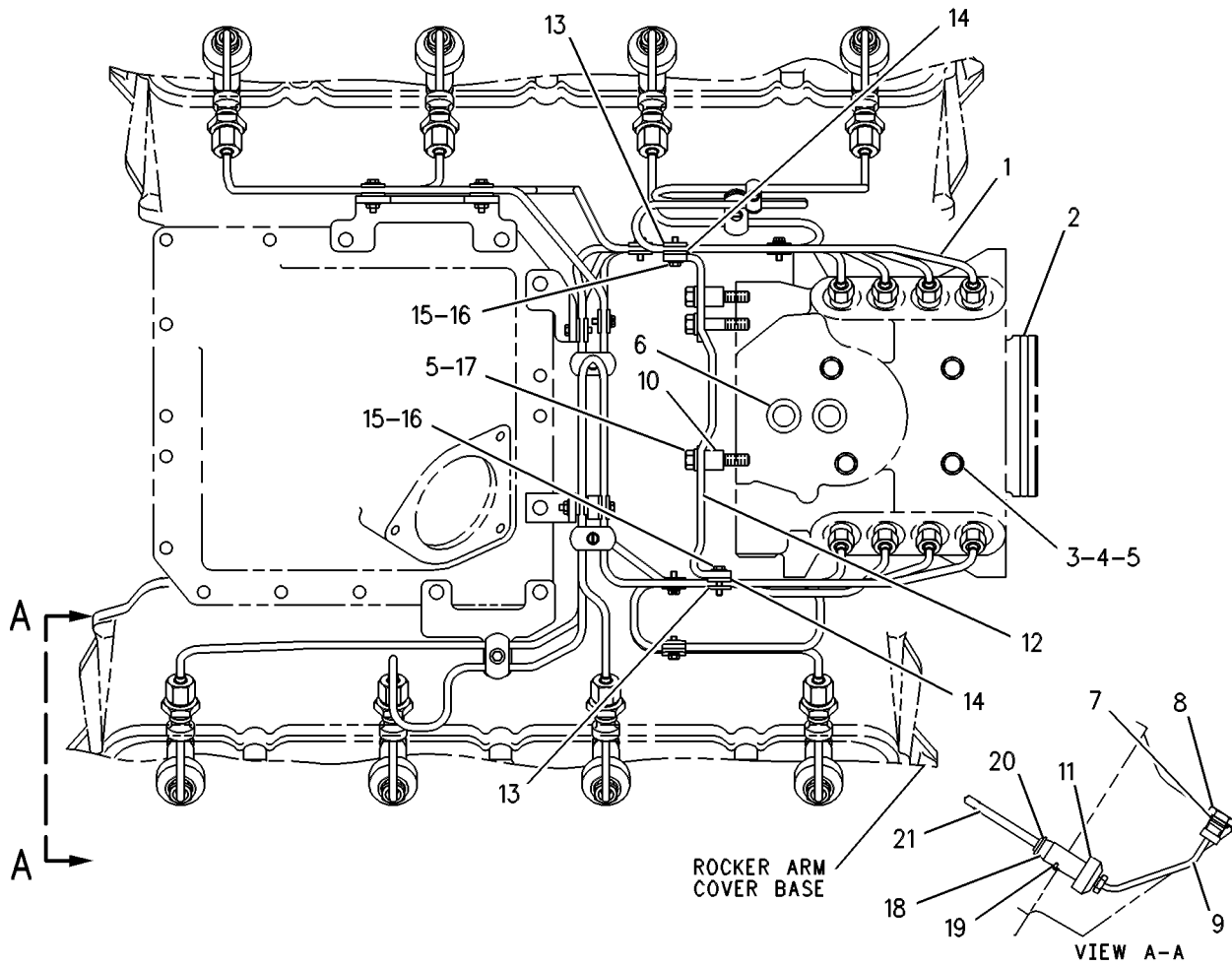
i02024285

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9N-3363	1	HOUSING AS-GOVERNOR						
	2	1	7E-8940	1	BEARING-SLEEVE						
	3	1	8M-8403	1	SPRING-GUIDE						
	4	1	9S-8001	1	PLUG						
		1	4J-7533	1	SEAL-O-RING						
	5	1	7E-8941	1	BEARING-SLEEVE						
C	6	1	138-9507	2	SEAL-LIP TYPE						
	7	1	8L-4308	1	BOLT (5/16-18X2.75-IN)						
	8	1	3F-9556	5	LOCKWASHER						
	9	1	2B-2695	1	BOLT (5/16-18X0.875-IN)						
	10	1	2P-8707	1	PLATE AS-GOVERNOR						
	11	1	8L-4175	1	DOWEL						
	12	1	0S-1594	1	BOLT (3/8-16X1-IN)						
	13	1	1D-4540	3	BOLT (5/16-18X2.75-IN)						
C	14	1	1N-4656	1	SHAFT						
	15	1	9N-1917	1	COVER AS						
	16	1	3P-0009	1	INSULATOR						
	17	1	9N-1916	1	LEVER-SHUTOFF						
	18	1	5M-6228	1	BEARING AS-NEEDLE						
C	19	1	033-5359	4	SCREW-HEAD BOLT						
	20	1	9N-2165	1	LEVER-SOLENOID						
	21	1	1S-7984	1	BEARING-SLEEVE						
	22	1	1K-4703	1	WASHER (13.1X22.2X1.6-MM THK)						
	23	1	5P-0796	2	SEAL-LIP TYPE						
	24	1	4N-0951	1	SHAFT-SHUTOFF						
	25	1	9N-3324	1	SCREW-ADJUSTMENT (HI-IDLE)						
	26	1	8H-9204	2	WASHER-FELT						
	27	1	7N-7325	1	SCREW-ADJUSTMENT (LO-IDLE)						
	28	1	2J-0157	2	SEAL-O-RING						
	29	2	5L-8992	1	COVER-ADJUSTMENT						
	30	2	5P-6945	1	BOLT (1/4-20X1.125-IN)						
		2	4B-9747	1	WASHER (17/64X3/8X1/32-IN THK)						
	31	2	8L-4155	1	SETSCREW						
		2	1B-4201	1	NUT-FULL (1/4-28-THD)						
	32	2	9M-4704	1	BOLT (8-32X1-IN)						
	33	2	8L-4154	1	COLLAR-LOAD STOP						
C	34	2	7C-5279	1	COVER						
C	35	2	4B-9365	2	BOLT (1/4-20X3-IN)						
		2	1B-4330	2	NUT (1/4-20-THD)						
		2	5P-0537	4	WASHER-HARD (7.2X14.5X2-MM THK)						
C	36	2	8L-3873	2	GASKET						
	37	2	2P-8669	1	GASKET						
	38	2	2W-1491	1	LEVER-CONTROL						
	39	2	9M-9788	1	PLUNGER						
	40	2	7M-7316	1	SPRING						
	41	2	5H-1351	1	PIN-SPRING						
	42	2	2P-8679	1	STRAINER AS (FUEL)						
	43	2	2P-8697	1	GASKET						
	44	2	6N-3504	1	SEAT-GOVERNOR SPRING						
	45	2	4N-1870	1	GASKET-HOUSING						
	46	2	9S-8008	1	PLUG						
		2	3D-2824	1	SEAL-O-RING						
	47	2	9S-4182	1	PLUG						
		2	3J-7354	1	SEAL-O-RING						
Y	48	2	4W-7374	1	PLATE GP-GOVERNOR ADAPTER						153

# FUEL SYSTEM

117-0015 LINES GP-FUEL INJECTION (contd.)

i01397630



GRAPHIC #1

<END>

g00248485

# FUEL SYSTEM

## 205-8577 TANK GP-FUEL

S/N: WDM1-UP

889-LITERS (235-GALLONS)

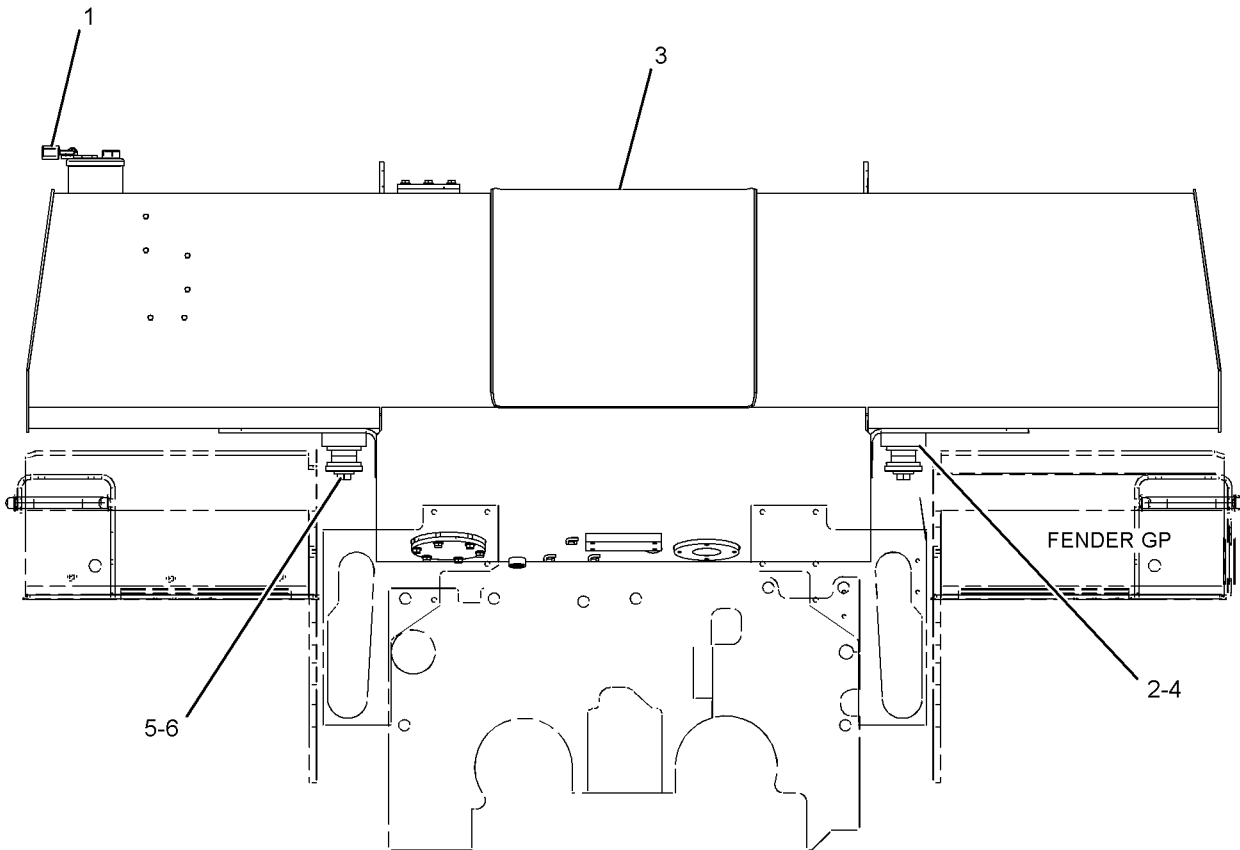
PART OF 233-5251 CHASSIS AR

SMCS-1273

i02246864

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 (FUEL TANK)						
		1	5P-8500	2	KEY						
	2	1	6T-1698	8	MOUNTING						
Y	3	1	211-0681	1	TANK GP-FUEL						163
	4	1	241-2501	4	WASHER (22X82.55X11-MM THK)						
M	5	1	7X-2564	4	BOLT (M20X2.5X90-MM)						
	6	1	8T-5439	4	WASHER (21.5X45X6-MM THK)						

M-METRIC PART  
Y-SEPARATE ILLUSTRATION



REAR VIEW  
<END>

GRAPHIC #1

g01036549

# ELECTRICAL AND STARTING SYSTEM

## 200-8277 ALTERNATOR GP-CHARGING\*R

S/N: WDM1-UP

24 VOLT, 100 AMPERE

PART OF 169-8367 ALTERNATOR GP-CHARGING

FIELD REPLACEMENT FOR 204-7449-PAGE 176

AN ATTACHMENT

SMCS-1405

i02249762

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)						
	2	1	1H-3244	2	LOCKWASHER						
	3	1	6V-8187	1	NUT (1/4-28-THD)						
	4	1	5S-7349	1	BOLT (1/4-20X0.5-IN)						
	5	1	9L-6770	1	CAP						
	6	1	231-6133	1	KIT-BEARING (ALTERNATOR) (INCLUDES BEARING AS AND RACE)						
	7	1	231-6134	1	KIT-RECTIFIER						
	8	1	202-2708	1	DIODE AS						
	9	1	3T-6354	1	REGULATOR AS-VOLTAGE (24-VOLT)						
	10	1	229-8906	1	CAPACITOR AS						
	11	1	202-9897	1	BEARING-SPECIAL BALL						
	12	1	100-6531	1	FAN-ALTERNATOR (14-BLADE)						
	13	1	187-2034	1	NUT-FLANGE (5/8-18-THD)						
	14	1	202-2783	1	PLATE						
	15	1	202-2699	1	HOUSING AS						
	16	1	202-2700	1	FRAME						
	17	1	202-2707	1	STATOR AS-ALTERNATOR						
	18	1	202-2703	1	COIL AS						
	19	1	9S-2390	1	RETAINER						
	20	1	9S-2302	1	ROTOR AS						
	21	1	4B-2047	1	NUT (10-24-THD)						
	22	1	8T-0328	1	WASHER-HARD (5.5X10X1-MM THK)						
	23	1	8F-1434	1	LOCKWASHER						
	24	1	202-2784	1	KIT-ALTERNATOR TERMINAL (INCLUDES NUT, LOCKWASHERS, WASHERS, INSULATORS, SCREW, CONNECTOR, ADAPTER)						
	25	1	202-2785	1	KIT-ALTERNATOR TERMINAL (INCLUDES STUD, BUSHINGS, WASHERS, CONNECTOR, NUT)						
	26	1	202-2786	1	KIT-ALTERNATOR TERMINAL (INCLUDES NUTS, LOCKWASHER, BUSHINGS, WASHERS, CONNECTOR, STUD)						
					AVAILABLE REPAIR KIT(S):						
			202-2787	1	KIT-HARDWARE (ALTERNATOR) (INCLUDES NUTS, PLUG, SCREWS, LOCKWASHER, CONNECTOR, BOLTS, COLLAR, BOOT)						

# ELECTRICAL AND STARTING SYSTEM

## 163-5395 BATTERY & WIRING GP

S/N: WDM1-UP

PART OF 233-5251 CHASSIS AR

SMCS-1401, 1402, 1408

i02237495

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE	
					1	2	3	4	5	6 (PRODUCT LEVEL)		
C	1	1	203-3220	1	SWITCH AS-TEMPERATURE (ETHER AID)							
		1	102-8802	1	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE AS & WEDGE)							
		1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2-PIN)							
		2	1	186-3735	2	PIN-CONNECTOR						
			2	3E-7753	1	FLOAT AS (FUEL LEVEL SENSOR)						
	3	2	2	3E-9350	1	SWITCH AS-TEMPERATURE (POWER TRAIN FILTER BYPASS)						
			2	102-8802	1	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
		2	3E-3365	1	WEDGE-RECEPTACLE LOCK (2-PIN)							
		2	186-3735	2	PIN-CONNECTOR							
		4	3	3T-9660	1	FITTING-O-RING						
		5	1	6T-0463	1	CABLE AS						
	E		1	1S-7251	1	TERMINAL-RING (FOR 1/2-IN BOLT)						
			1	1S-7252	1	TERMINAL-RING (FOR 3/8-IN BOLT)						
1		5P-0747		CABLE (00-GA, BLACK) (70-CM)								
6		3	6V-0484	1	ADAPTER-O-RING							
7		3	6V-0852	1	CAP-DUST							
8		2	6Y-6584	1	STRAP AS-GROUND							
9		2	7G-1060	4	STRAP AS-GROUND							
10		1	7N-0719	1	SWITCH GP-DISCONNECT (BATTERY)						242	
11		1	7T-7777	1	CABLE AS							
E		1	1	5P-0761		CABLE (00-GA, RED) (109-CM)						
			1	1S-7251	2	TERMINAL-RING (FOR 1/2-IN BOLT)						
			1	8N-0869	2	COVER-TERMINAL (RED)						
E		1	1	5P-0695		CONDUIT (86-CM)						
	1		1S-4915	2	LINER (CONDUIT)							
BE	1	1	8T-2225		TUBE-HEAT SHRINK							
		12	1	7T-7778	1	RECEPTACLE AS (JUMP START)						
E	1	1	1S-7251	2	TERMINAL-RING (FOR 1/2-IN BOLT)							
		1	5P-0747		CABLE (00-GA, BLACK) (125-CM)							
E	1	5P-0761		CABLE (00-GA, RED) (115-CM)								
BE	1	8T-2225		TUBE-HEAT SHRINK								
E	1	1	5P-0695		CONDUIT (89-CM)							
		1	1S-4915	2	LINER (CONDUIT)							
BD	1	1	6V-2722		TUBE-HEAT SHRINK							
		13	2	153-6281	1	HOLD-DOWN-BATTERY						
		14	1	8S-2634	1	COVER AS						
		1	1	2P-2975	2	SEAL-O-RING						
			15	1	8S-4211	2	PLATE					
	16	2	1	8V-0622	1	CABLE AS						
			2	8T-9757	1	TERMINAL AS-BATTERY (NEGATIVE)						
			2	8C-5917	1	TERMINAL AS-BATTERY (POSITIVE)						
			2	1M-6119	2	BOLT (5/16-18X1.375-IN)						
			2	1M-6120	2	NUT (5/16-18-THD)						
	E	2	1	5P-0761		CABLE (00-GA, RED) (14-CM)						
			2	9G-0003	1	COVER-TERMINAL (BLACK)						
			2	9G-0004	1	COVER-TERMINAL (RED)						
17		2	1	9P-1503	1	CABLE AS						
			2	1S-4915	2	LINER (CONDUIT)						
			2	1S-7252	1	TERMINAL-RING (FOR 3/8-IN BOLT)						
			2	3S-2093	1	STRAP-CABLE						
E	2	5P-0695		CONDUIT (92-CM)								
E	2	1	5P-0747		CABLE (00-GA, BLACK) (134-CM)							
		2	7N-5274	1	COVER-TERMINAL (BLACK) (BATTERY)							

# ELECTRICAL AND STARTING SYSTEM

## 164-9436 BLOCK GP-POWER

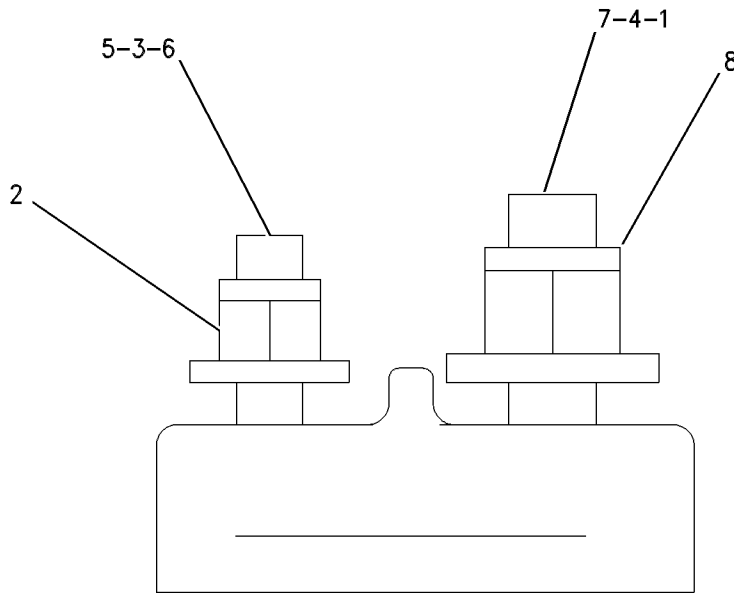
S/N: WDM1-UP

PART OF 163-5395 BATTERY & WIRING GP

SMCS-1408

i01988523

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1D-5117	1	NUT-JAM (1/2-13 THD)						
	2	1	3K-6060	1	LOCKNUT (3/8-16 THD)						
	3	1	5P-1075	2	WASHER-HARD (10.2X22.5X3MM THK)						
	4	1	5P-1076	2	WASHER-HARD (13.5X30X4MM THK)						
	5	1	6V-8801	1	NUT (3/8-16 THD)						
	6	1	9B-7237	1	BOLT (3/8-16X1.25 IN)						
	7	1	5P-2566	1	BOLT (1/2-13X1.5 IN)						
	8	1	9X-0941	1	LOCKNUT (1/2-13 THD)						



GRAPHIC #1

<END>

g00520404

# ELECTRICAL AND STARTING SYSTEM

## 3E-6389 LAMP GP-DOME

S/N: WDM1-UP

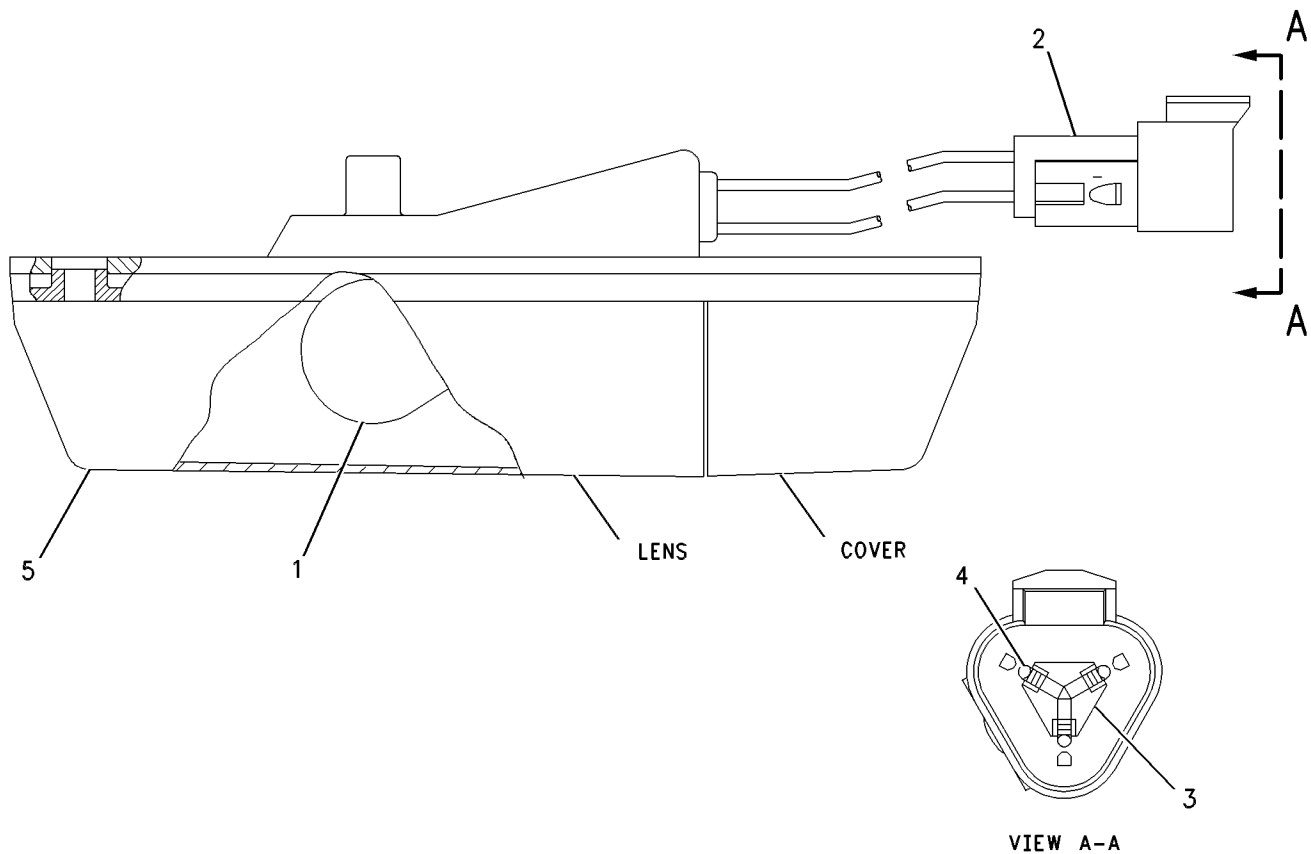
24-VOLT. WITH SWITCH

PART OF 157-3737, 184-6733 CAB GP  
AN ATTACHMENT

SMCS-1433

i02254152

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7N-9943	1	LAMP (24-VOLT)						
	2	1	102-8803	1	KIT-RECEPTACLE (3-PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
	3	1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)						
	4	1	8T-8729	3	PIN-CONNECTOR						
	5	1	7T-0020	1	LENS (DOME LIGHT)						



GRAPHIC #1

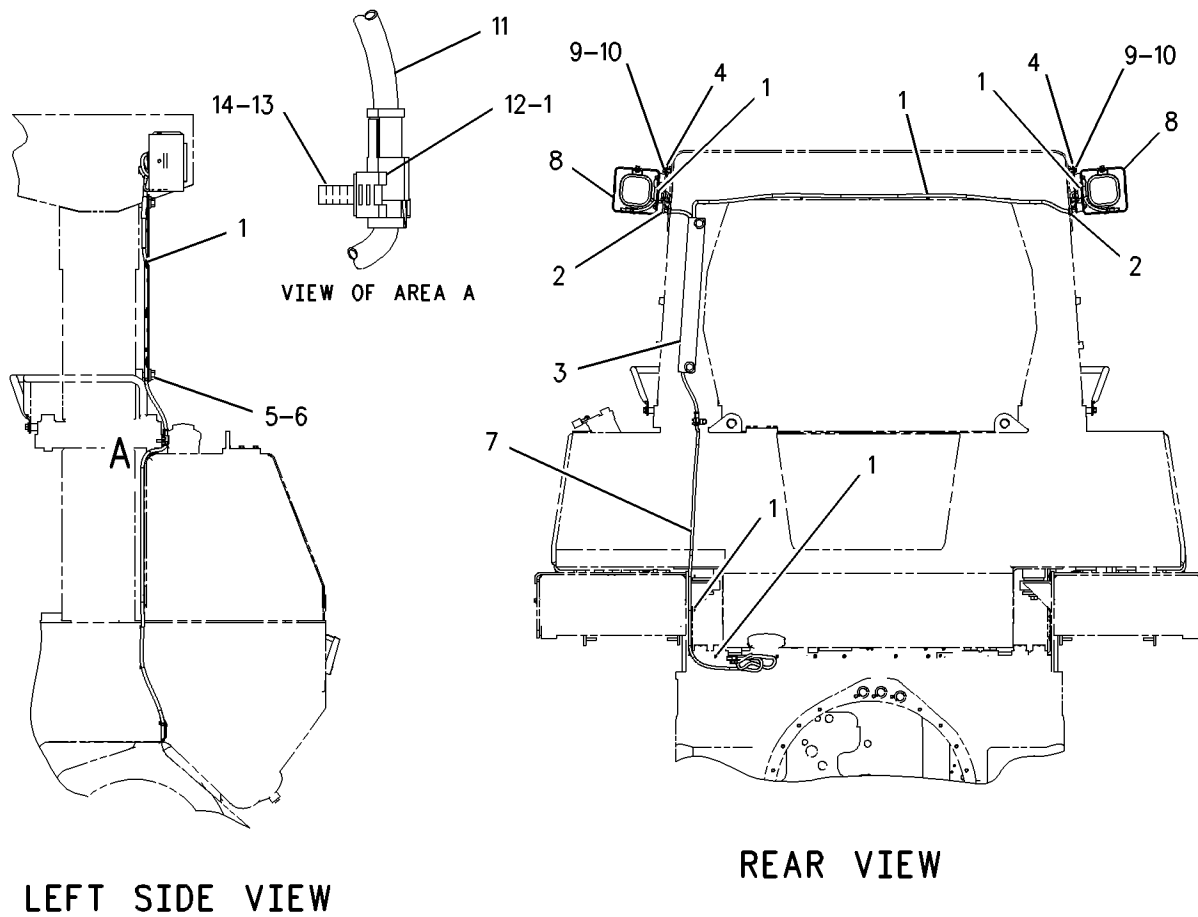
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g00647928

# ELECTRICAL AND STARTING SYSTEM

114-3107 LIGHTING GP-FLOOD (contd.)

i01866218



GRAPHIC #1

<END>

g00838106

# ELECTRICAL AND STARTING SYSTEM

## 193-2550 SENSOR GP-SPEED-TRANSMISSION OUTPUT

S/N: 6KX1-UP

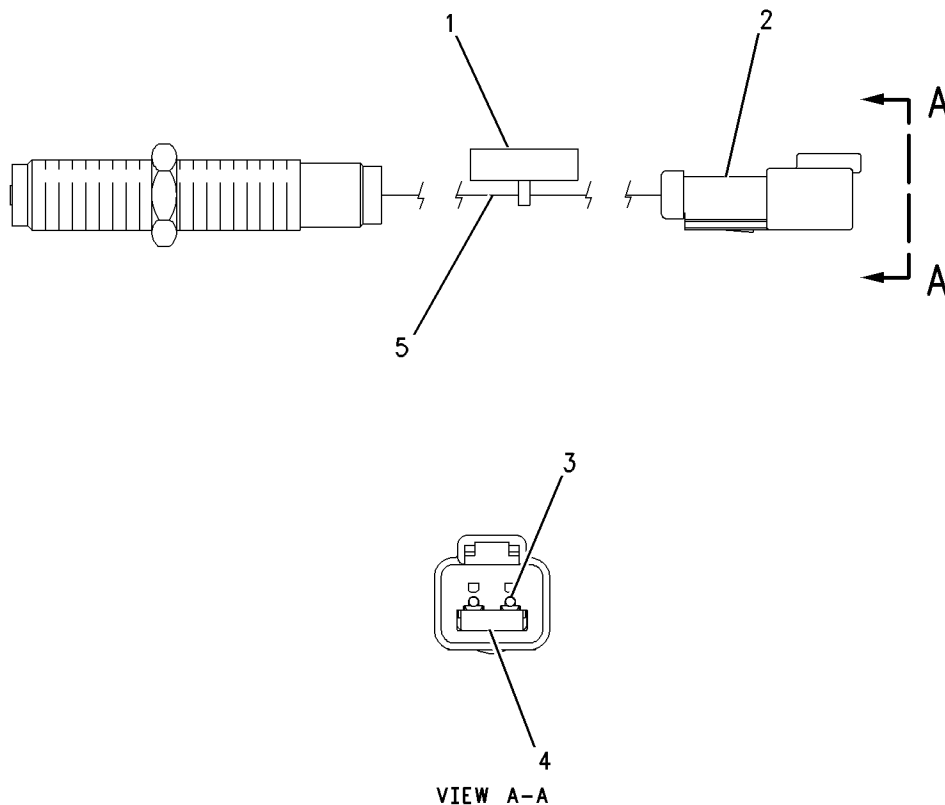
PART OF 163-5300 PLANETARY GP-TRANSMISSION

SMCS-1408

i02267098

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	MARKER						
	2	1	102-8802	1	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)						
	3	1	8T-8729	2	PIN-CONNECTOR						
	4	1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2-PIN)						
E	5	1	9X-1813		SLEEVE (14-CM)						

E-ORDER BY THE CENTIMETER



GRAPHIC #1

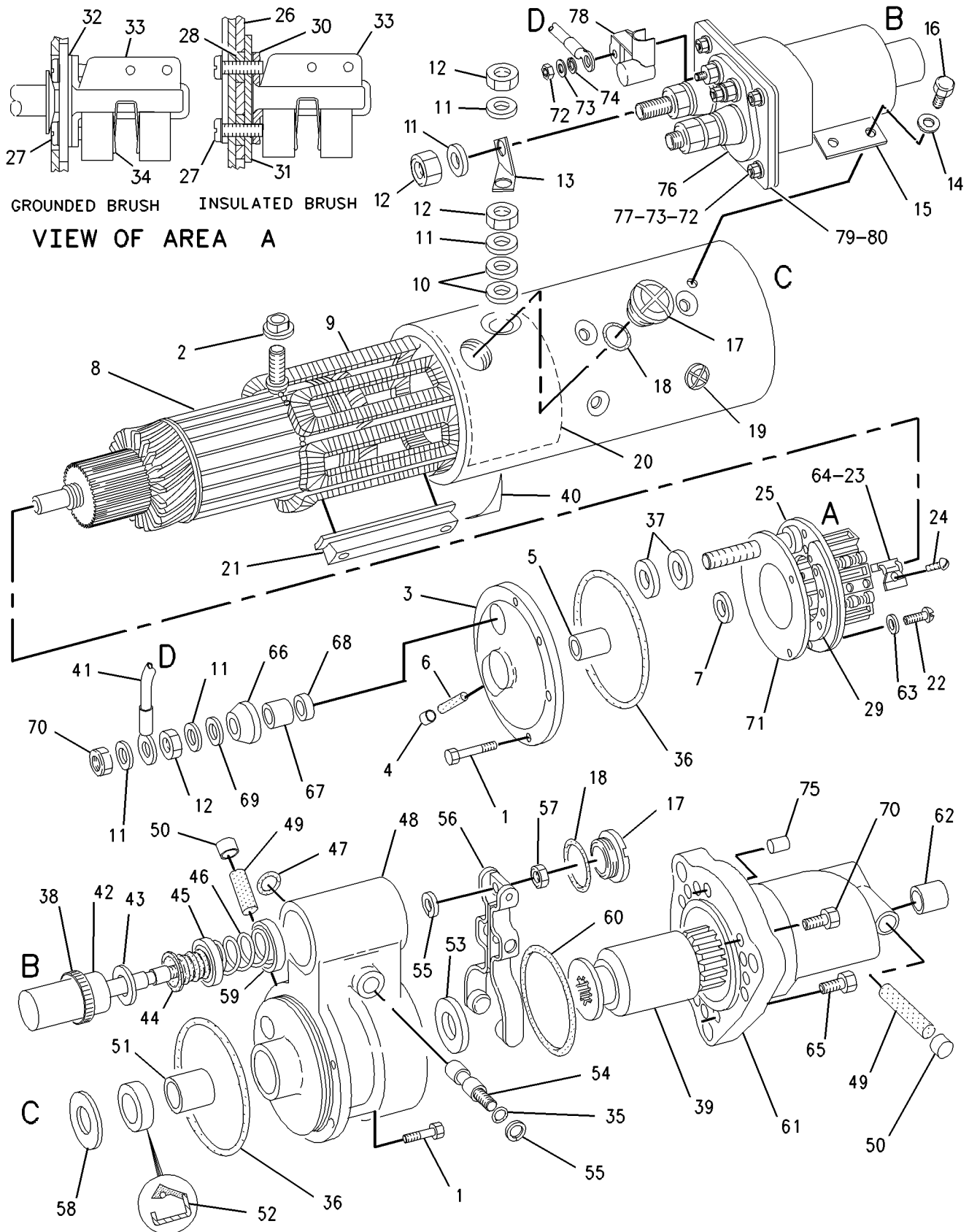
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g00690327

# ELECTRICAL AND STARTING SYSTEM

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

i02029614



GRAPHIC #1

<END>

g00673263

# ELECTRICAL AND STARTING SYSTEM

## 7N-0719 SWITCH GP-DISCONNECT

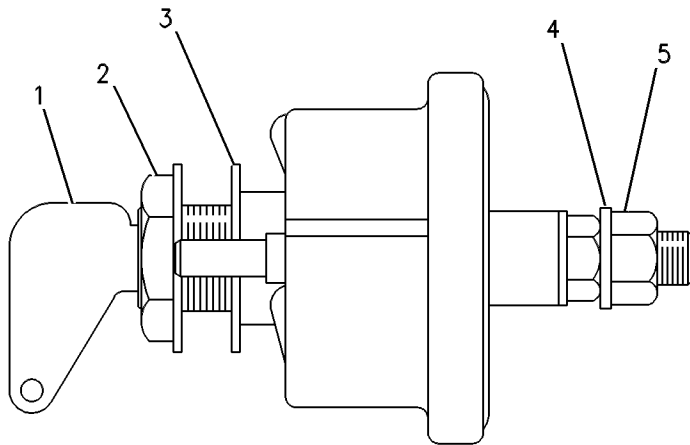
S/N: WDM1-UP

PART OF 163-5395 BATTERY & WIRING GP

SMCS-1411

i01289277

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	<b>8H-5306</b>	1	KEY (BATTERY DISCONNECT)						
	2	1	<b>8H-5303</b>	1	NUT (3/4-16-2A THD)						
	3	1	<b>2H-3922</b>	2	LOCKWASHER (19.9X31.3X1.3MM THK)						
	4	1	<b>9F-5644</b>	2	LOCKWASHER (9.93X17.3X.9MM THK)						
	5	1	<b>6F-7045</b>	2	NUT-FULL (3/8X24 THD)						



GRAPHIC #1

<END>

g00117885

# ELECTRICAL AND STARTING SYSTEM

262-5547 WIRING GP-CONSOLE (contd.)

i02229826

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	40	1	9X-6258	2	SCREW-MACHINE (6-32X0.5-IN)	

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

# POWER TRAIN

164-0442 CONTROL GP-TRANSMISSION (contd.)

i01902086

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	43	2	7G-1548	1	SHAFT						
	44	2	9B-7237	2	BOLT (3/8-16X1.25-IN)						
	45	2	5P-1075	10	WASHER-HARD (10.2X22.5X3-MM THK)						
	46	2	6Y-3007	1	KNOB (PARKING BRAKE)						
	47	2	7X-0291	4	BOLT (3/8-16X3.75-IN)						
	48	2	6V-8801	3	NUT (3/8-16-THD)						
	49	2	8T-9375	2	BOLT (3/8-16X1.75-IN)						
	50	2	2K-4973	3	LOCKNUT (3/8-16-THD)						
	51	2	8T-4835	1	BOLT (1/2-13X2-IN)						
		2	1K-6872	1	LOCKNUT (1/2-13-THD)						
		2	2M-7167	1	SPACER						
	52	2	3T-7292	1	SLEEVE						
	53	2	6T-4317	1	BRACKET AS						
	54	2	1B-8706	3	KEY-WOODRUFF						
	55	2	6V-1542	2	ROD END						
	56	2	6F-6977	4	WASHER (20.6X44.4X3-MM THK)						
	57	2	9P-0387	1	SHAFT AS						
	58	2	9S-1385	1	SPACER (1.156X1.75X0.25-IN THK)						
	59	2	9G-0623	2	BOOT						
	60	2	5S-7383	1	BOLT (3/8-16X1.75-IN)						
	61	2	7G-1217	1	GASKET						
	62	2	7G-1216	1	PLATE						
	63	2	8T-8915	2	BOLT (3/8-16X3.25-IN)						
	64	2	8T-2502	3	BOLT (3/8-16X1.125-IN)						
	65	2	7G-1539	1	SHAFT						
	66	2	9P-0389	1	LEVER						
	67	2	8T-0192	1	BOLT (3/8-16X2.25-IN)						
	68	2	5F-9757	1	GROMMET						
	69	2	6H-0190	1	WASHER (19.8X31.75X1.6-MM THK)						
	70	2	7K-1181	2	STRAP-CABLE						
	71	2	009-4089	1	WASHER (19.2X41.1X1.6-MM THK)						
	72	2	4D-7794	1	CLIP						
	73	1	166-8614	1	SWITCH AS (BACKUP ALARM & ODOMETER REV)						
		1	166-8613	1	BRACKET						
		1	7K-1181	2	STRAP-CABLE						
		1	9P-4609	1	ACTUATOR-MAGNETIC						
	74	1	6K-3273	2	RIVET-POP						
	75	1	8M-7758	2	RIVET-POP						

A-NOT PART OF THIS GROUP

# POWER TRAIN

## 164-4210 FINAL DRIVE GP

S/N: WDM1-UP

PART OF 162-9513 POWER TRAIN AR

SMCS-4050

i02247891

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8T-2502	3	BOLT (3/8-16X1.125-IN)						
	2	1	8T-4896	3	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	3	1	030-8538	18	BOLT (1/2-13X1.25-IN)						
M	4	1	5P-8245	6	WASHER-HARD (13.5X25.5X3-MM THK)						
	5	1	9P-3474	1	COVER						
	6	1	6V-3298	1	PLUG-MAGNETIC (FINAL DRIVE, OIL FILL)						
	7	1	2S-4078	1	SEAL-O-RING						
	8	1	9S-4185	1	PLUG (FINAL DRIVE, OIL DRAIN)						
	9	1	3K-0360	1	SEAL-O-RING						
	10	1	5F-7054	1	SEAL-O-RING						
	11	1	9P-3468	1	CARRIER-PLANETARY						
	12	1	3D-8422	1	SEAL-O-RING						
	13	1	9M-5894	1	SEAL-O-RING						
	14	1	2S-0613	1	RING-RETAINING						
	15	1	3P-8827	3	PLATE						
	16	1	6V-1653	3	SEAL-QUAD RING						
	17	1	8T-8924	35	BOLT (3/4-10X2.5-IN)						
	18	1	8T-4994	35	WASHER-HARD (20X36.5X3.5-MM THK)						
	19	1	6I-8849	6	CONE-BEARING (TAPERED ROLLER)						
	20	1	6I-8860	6	CUP-BEARING						
	21	1	9P-3366	3	GEAR-PLANETARY (24-TEETH)						
	22	1	9P-3471	1	GEAR-SUN (24-TEETH)						
	23	1	7S-4326	1	DOWEL						
	24	1	104-3133	1	CARRIER-PLANETARY						
	25	1	3P-8820	1	RING-THRUST						
	26	1	6F-8146	1	SEAL-O-RING						
	27	1	8E-3124	1	RETAINER						
	28	1	8D-4771	1	SEAL-O-RING						
	29	1	110-2665	3	SHAFT-PLANETARY						
	30	1	5P-7911	1	RING-RETAINING						
	31	1	8P-5698	3	PLATE						
	32	1	5D-0353	6	BOLT-LOCKING (3/8-16X1-IN)						
	33	1	164-5808	1	GEAR-SUN (18-TEETH)						
	34	1	9P-3467	3	SHAFT-PLANETARY						
	35	1	137-4835	1	BEARING-THRUST						
	36	1	104-3136	1	RETAINER						
	37	1	9P-3320	1	GEAR-RING (72-TEETH)						
	38	1	166-6930	6	CONE-BEARING						
	39	1	166-6931	6	CUP (BEARING)						
	40	1	9P-3429	3	GEAR-PLANETARY (27-TEETH)						
	41	1	9P-3657	3	RING-LOCK						
	42	1	3T-6882	12	PIN						
	43	1	104-3140	1	HUB						
	44	1	9P-4959	1	RING-RETAINING						
	45	1	104-3153	1	SEAL-DOUBLE LIP						
	46	1	107-7088	1	CONE-BEARING						
	47	1	107-7089	1	CUP-BEARING						
R	48	1	104-3139	1	HUB-SPINDLE						
	49	1	3D-9133	1	CUP-BEARING						
	50	1	126-0588	1	CONE-SPECIAL TAPERED						
	51	1	173-3071	1	SEAL GP-DUO-CONE						
		1	127-0116	2	RING-TORIC						
	52	1	104-3137	1	HUB						
	53	1	8T-4223	3	WASHER-HARD (13.5X25.5X3-MM THK)						
	54	1	8T-8917	3	BOLT (1/2-13X1.25-IN)						
	55	1	137-4836	1	BEARING-SLEEVE						

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# POWER TRAIN

## 101-7752 LINES GP-POWER TRAIN OIL

S/N: WDM1-UP

PART OF 162-9513 POWER TRAIN AR

SMCS-3016

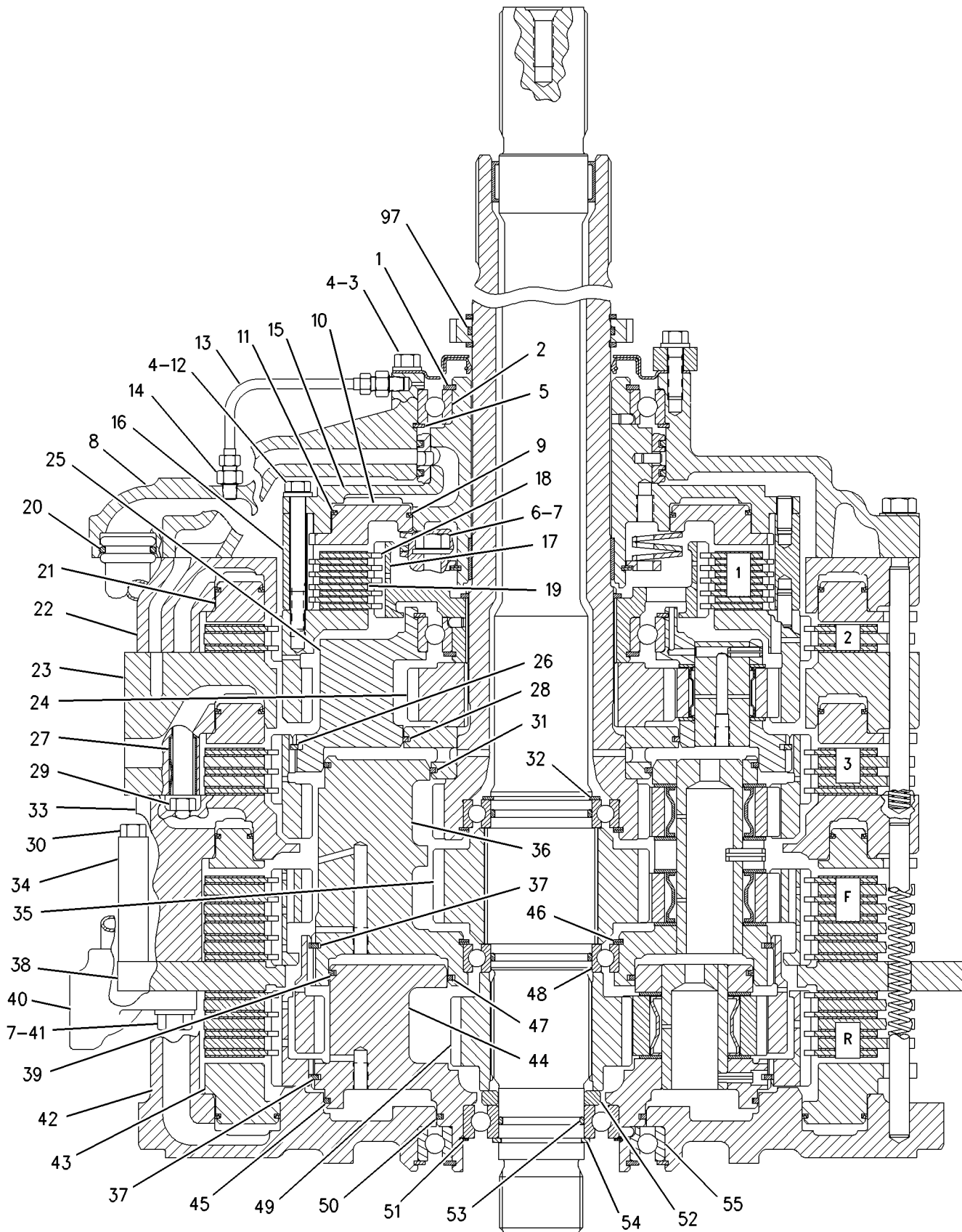
i02271046

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	3	9U-9286	2	FILTER GP-OIL (POWER TRAIN)						270
	2	3	9M-9647	2	SEAL-O-RING						
I	3	1	124-9316	1	HOSE AS						
	4	1	5C-6565	1	BOLT (1/2-13X1.125-IN)						
	5	1	148-8334	1	CONNECTOR AS						
	6	1	150-3059	1	TEE AS						
		1	5K-9090	1	SEAL-O-RING						
		1	7M-8485	1	SEAL-O-RING						
		1	8T-1674	1	TEE						
	7	2	5P-1075	4	WASHER-HARD (10.2X22.5X3-MM THK)						
	8	3	5H-7153	2	SEAL-O-RING						
	9	2	5F-8000	1	SEAL-O-RING						
	10	1	7X-0326	1	BOLT (1/2-13X3-IN)						
	11	1,3	3J-1907	6	SEAL-O-RING						
	12	2	7X-0325	2	BOLT (1/2-13X2.5-IN)						
	13	1,2	8T-4223	53	WASHER-HARD (13.5X25.5X3-MM THK)						
	14	1,2	8T-8920	4	BOLT (1/2-13X3.25-IN)						
Y	15	2	134-8210	1	PUMP GP-GEAR (POWER TRAIN)						296
	16	2	9P-9826	1	TUBE AS						
	17	2	9W-3705	1	TUBE AS						
	18	2	6K-8279	1	HOSE-HYDRAULIC						
	19	2	6N-2985	1	CAP AS-FILLER (POWER TRAIN OIL)						
	20	2	6T-6805	1	GAUGE AS-OIL LEVEL (DIPSTICK)						
	21	2	5P-0597	2	CLAMP-HOSE						
	22	2	5S-7379	1	BOLT (3/8-16X0.875-IN)						
	23	2	134-8079	1	HOUSING						
	24	2	3T-1105	1	TUBE						
	25	1	6V-5101	1	SEAL-O-RING						
	26	1	148-8335	1	CONNECTOR AS						
		1	5K-9090	1	SEAL-O-RING						
		1	6V-8635	1	CONNECTOR						
		1	7M-8485	1	SEAL-O-RING						
	27	1	8M-8157	1	SEAL-O-RING						
	28	2	5K-9238	1	CONNECTOR						
I	29	2	125-3469	1	HOSE AS						
I	30	1	6Y-9398	1	HOSE AS						
	31	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						
I	32	1	124-9318	1	HOSE AS						
I	33	1	102-0427	1	HOSE AS						
	34	1	5P-2566	34	BOLT (1/2-13X1.5-IN)						
I	35	1	127-6601	1	HOSE AS						
	36	2	9B-7237	6	BOLT (3/8-16X1.25-IN)						
	37	2	3S-3875	1	SCREEN-SUCTION						
I	38	2	7G-3146	1	HOSE AS						
	39	2	5S-7382	8	BOLT (3/8-16X1.375-IN)						
	40	2	4B-0418	2	CLIP						
	41	3	3K-0360	1	SEAL-O-RING						
Y	42	1	115-1146	1	VALVE GP-RELIEF (POWER TRAIN OIL)						309
	43	1	6V-1867	3	CLIP (SLOT)						
	44	1	6V-1868	3	CLIP (TAB)						
	45	1	6V-1869	3	GROMMET						
	46	2	4J-5267	2	SEAL-O-RING						
	47	2	1P-4576	4	FLANGE-HALF						

# POWER TRAIN

163-5300 PLANETARY GP-TRANSMISSION (contd.)

i02137678



GRAPHIC #2

g00989444

# POWER TRAIN

## 163-9363 TORQUE CONVERTER GP

S/N: 6ZT1-UP

PART OF 163-9364 TORQUE CONVERTER GP

SMCS-3101

i01445976

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	163-9362	1	TORQUE CONVERTER GP						300
	2	1	9M-2076	1	RING-SNAP						
	3	1	9M-2074	1	GEAR-RING						
	4	1	5H-8985	2	PIN-SPRING						
	5	1	106-7099	1	CARRIER-PLANETARY						
	6	1	6L-6560	1	RING-RETAINING						
	7	1	9P-4057	1	SPACER						
	8	1	8J-8322	1	RING-RETAINING (52.73MM ID)						
	9	1	6P-3901	3	SHAFT AS						
					(EACH INCLUDES)						
		1	2A-3746	1	PLUG-CUP						
	10	1	8E-8316	6	DISC-THRUST						
	11	1	7G-5622	3	GEAR-PLANETARY (35 TEETH)						
	12	1	1S-9110	3	ROLLER AS						
	13	1	3S-2708	3	PIN-SPRING						
	14	1	5P-5405	1	RACE-BEARING INNER						
	15	1	104-4485	1	SHAFT AS						
		1	5J-7386	1	PLUG-ORIFICE (1/8-27 THD)						
	16	1	7L-9061	1	SEAL-O-RING (18.72MM ID)						
	17	1	6Y-5888	1	RING-SEAL						
	18	1	8P-5056	1	CARRIER-RING						
	19	1	8P-5189	1	RETAINER-BEARING						
	20	1	1A-2029	8	BOLT (3/8-16X1.125 IN)						
	21	1	5M-2894	8	WASHER-HARD (10.2X18.5X2.5MM THK)						
	22	1	6V-5553	1	SEAL-O-RING (151.99MM ID)						
	23	1	6V-9176	1	BALL BEARING						
	24	1	1T-0141	1	RING-METAL SEAL						

Y-SEPARATE ILLUSTRATION

# POWER TRAIN

## 3T-5017 VALVE GP-SELECTOR & PRESS CONT

S/N: 6KX1-UP

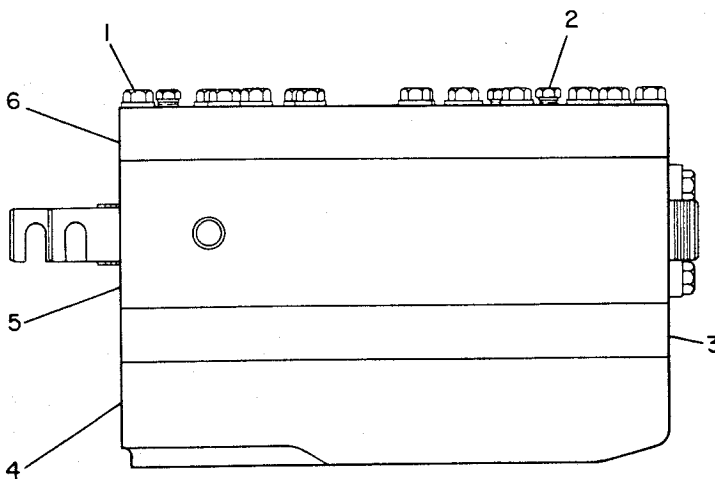
PART OF 6P-6876 CONTROL GP-TRANSMISSION HYD

SMCS-3073

i01446698

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	1 2 3 4 5 6 (PRODUCT LEVEL)						SEE PAGE
						1	2	3	4	5	6	
	1	1	5L-1761	26	BOLT (5/16-18X5.5 IN)							
		1	9M-1974	26	WASHER-HARD (8.8X16X2MM THK)							
	2	1	5M-6214	4	PLUG-PIPE							
C	3	1	6T-7628	1	PLATE-DIVIDER							
	4	1	6P-6877	1	MANIFOLD-BOTTOM							
CY	5	1	6Y-2339	1	VALVE GP-SELECTOR & PRESS CONT							310
C	6	1	6T-7630	1	MANIFOLD							

C-CHANGE FROM PREVIOUS TYPE  
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

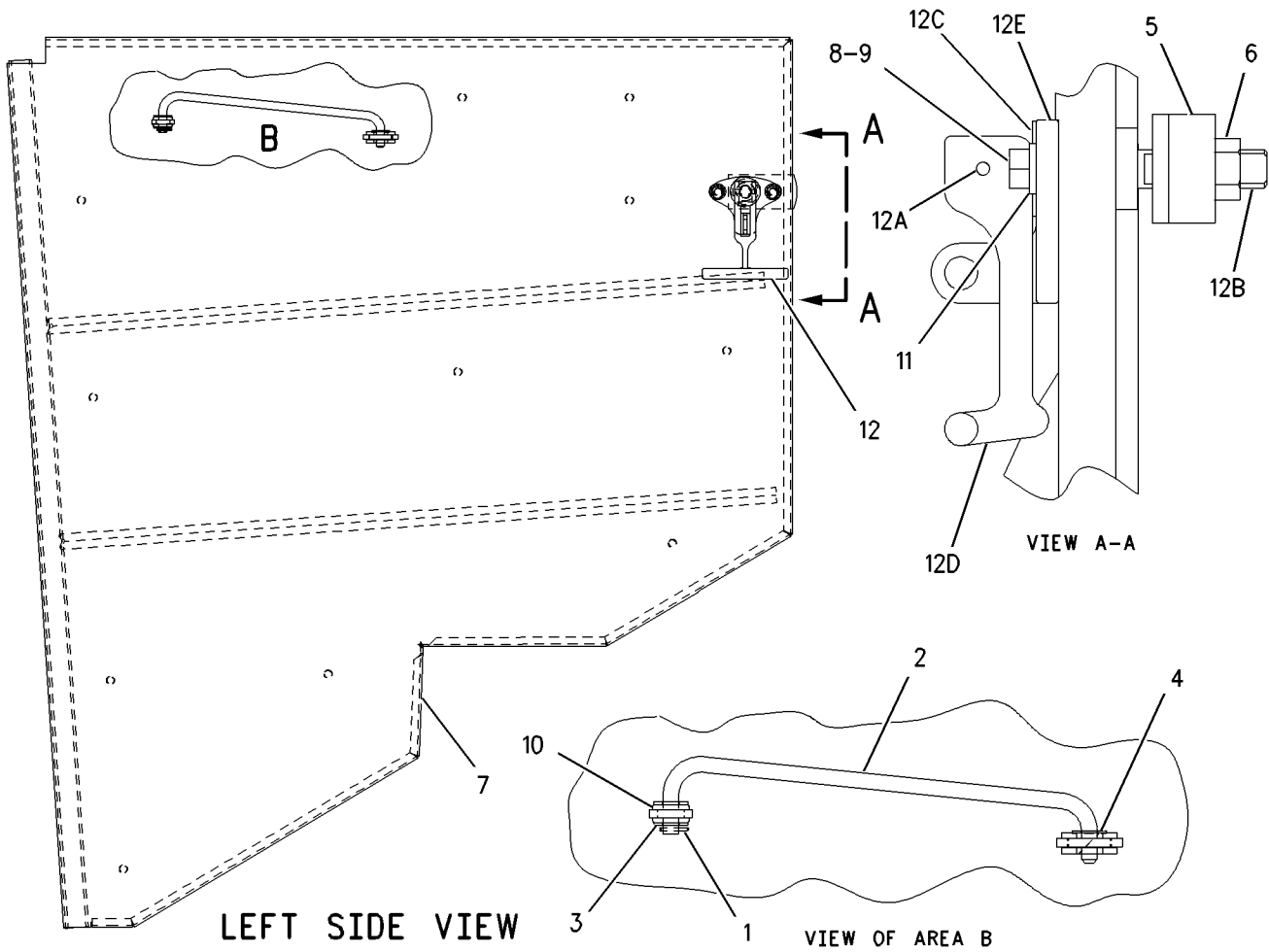
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g00195575

# FRAME AND BODY

131-8556 DOOR GP-ACCESS (contd.)

i01547205



GRAPHIC #1

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g00806311

# FRAME AND BODY

215-5594 ENCLOSURE GP-ENGINE (contd.)

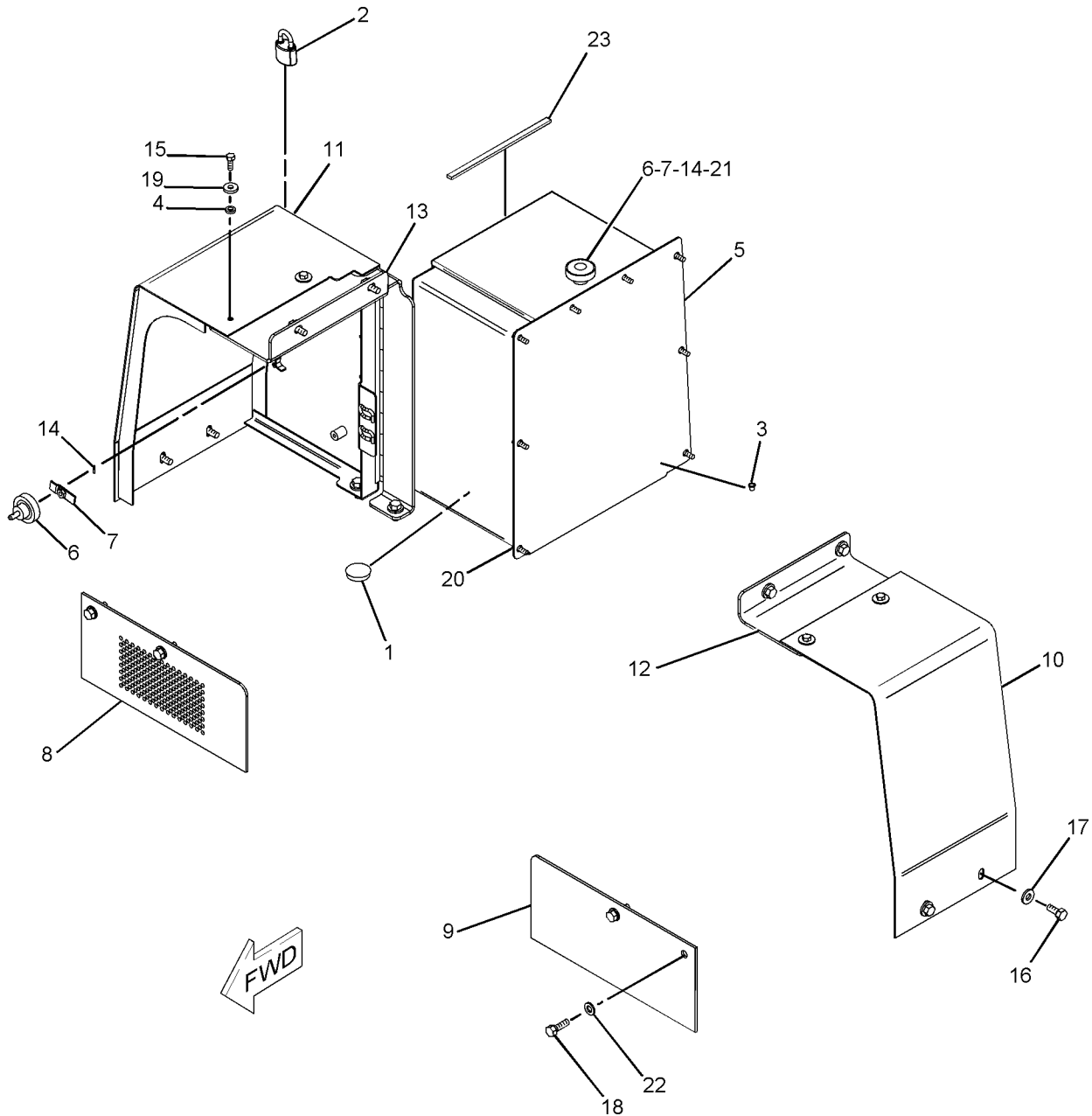
i02107647

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
BD	40	1	5P-7483		SEAL						
B-USE AS REQUIRED D-ORDER BY THE METER Y-SEPARATE ILLUSTRATION											

# FRAME AND BODY

259-8458 ENCLOSURE GP-ENGINE (contd.)

i02258253



GRAPHIC #1

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g01131765

# FRAME AND BODY

## 229-8888 FENDER GP-RH

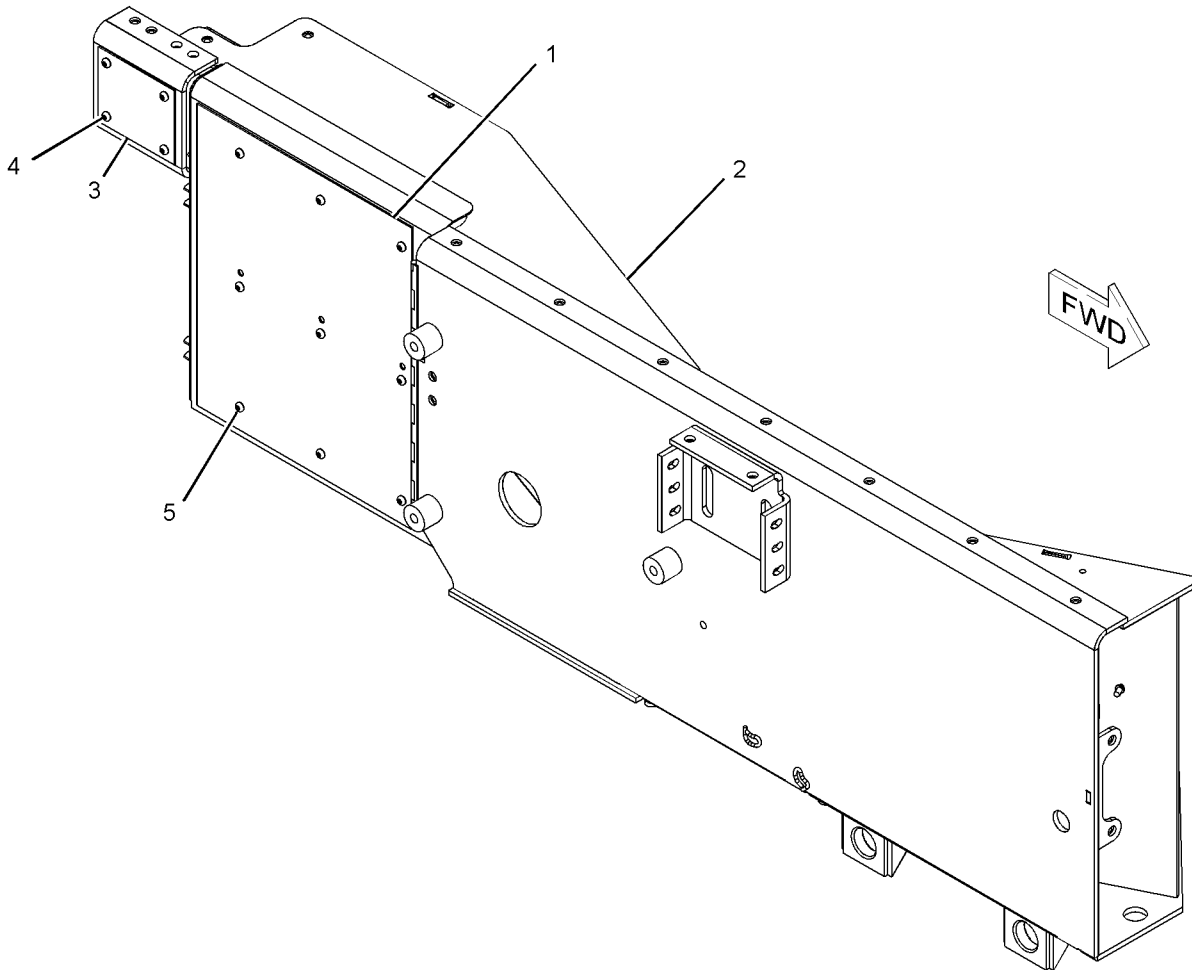
S/N: WDM1-UP

PART OF 164-1949 FENDER GP

SMCS-7252

i02028425

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7G-4849	1	PLATE						
	2	1	164-1951	1	FENDER AS (RH)						
		1	9W-0648	1	HINGE						
	3	1	3T-2977	1	PLATE						
	4	1	6J-0488	4	SCREW-BUTTON HEAD (3/8-16X0.875-IN)						
	5	1	6V-1193	9	SCREW-HEX SOCKET (3/8-16X0.625-IN)						



GRAPHIC #1

<END>

g01128969

# FRAME AND BODY

## 163-9106 GUARD GP-RADIATOR

S/N: WDM1-UP

PART OF 233-5251 CHASSIS AR

SMCS-7155

i01727088

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-8418	1	BAR AS						
		1	1F-0750	2	NUT-WELD (3/8-16-THD)						
J	2	1	8E-1050	4	PLATE						
	3	1	8E-4112	1	PLATE						
	4	1	8E-9963	2	PLATE						
	5	1	9C-6984	2	PLATE						
	6	1	9G-9239	2	HANDHOLD AS						
	7	1	9W-0725	2	RETAINER						
	8	1	9W-2822	2	ROD						
	9	1	9W-7006	2	PIN						
	10	1	103-6293	2	PIN						
	11	1	218-8532	1	GUARD AS						
	12	1	8P-0420	2	BEARING						
	13	1	9W-0330	4	BEARING						
	14	1	7J-1335	2	BEARING (139.802MM OD)						
		1	7J-1336	2	BEARING (114.389MM OD)						
J	15	1	7X-0346	2	BOLT (5/8-11X2-IN)						
	16	1	3B-4615	4	PIN-COTTER						
	17	1	4L-6454	8	BOLT (3/8-16X1-IN)						
	18	1	5C-6565	8	BOLT (1/2-13X1.125-IN)						
	19	1	5M-6214	2	PLUG-PIPE						
	20	1	5P-1075	8	WASHER-HARD (10.2X22.5X3-MM THK)						
	21	1	5P-1076	8	WASHER-HARD (13.5X30X4-MM THK)						
	22	1	7X-0346	4	BOLT (5/8-11X2-IN)						
	23	1	8C-4436	4	BOLT (1/2-13X1.375-IN)						
	24	1	8T-4122	12	WASHER-HARD (17X32X3.5-MM THK)						
	25	1	8T-4223	14	WASHER-HARD (13.5X25.5X3-MM THK)						
	26	1	8T-4896	8	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	27	1	8T-8917	10	BOLT (1/2-13X1.25-IN)						
	28	1	8T-9393	8	BOLT (5/8-11X1.5-IN)						
	29	1	9B-7237	4	BOLT (3/8-16X1.25-IN)						
	30	1	9J-5717	2	COVER						
	31	1	9J-5718	2	GASKET						
	32	1	219-0285	1	DOOR AS						
	33	1	219-0286	1	DOOR AS						
	34	1	164-1981	1	BAFFLE AS						
	35	1	164-1982	1	BAFFLE AS						
					(EACH BAFFLE AS INCLUDES)						
		1	6B-4594	7	RIVET						
J	36	1	198-9172	2	PLUG						

J-PARTS MARKED J FOR USE WHEN SHIPPING MACHINE WITHOUT BLADE

# UNDERCARRIAGE

## 160-2539 BAR GP-EQUALIZER

S/N: WDM1-UP

PART OF 187-2015 UNDERCARRIAGE AR

SMCS-7206

i01888576

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	<b>2H-3745</b>	2	BOLT (1-14X2.75-IN)	
	2	1	<b>3J-4278</b>	4	SPACER (13.5X22.2X6.5-MM THK)	
	3	1	<b>7F-6112</b>	1	BOLT (1-1/4-12X3-IN)	
	4	1	<b>9G-1696</b>	2	PAD AS	
					(EACH INCLUDES)	
		1	<b>1F-0748</b>	4	NUT-WELD (1/2-13-THD)	
	5	1	<b>9G-1697</b>	2	PAD AS	
	6	1	<b>9G-2790</b>	2	SPACER (109X176.5X12-MM THK)	
	7	1	<b>9P-6911</b>	1	PLATE	
	8	1	<b>9P-6912</b>	1	PIN	
Y	9	1	<b>177-4651</b>	1	BAR GP-EQUALIZER	374
	10	1	<b>2M-3530</b>	4	BOLT (1-1/8-12-THD)	
	11	1	<b>3S-1356</b>	4	NUT-FULL (1-1/8-12-THD)	
	12	1	<b>5C-6565</b>	12	BOLT (1/2-13X1.125-IN)	
	13	1	<b>7T-4865</b>	2	PIN	
	14	1	<b>7X-0531</b>	8	WASHER-HARD (31X52.5X6-MM THK)	
	15	1	<b>7X-0533</b>	1	WASHER-HARD (34X55X6-MM THK)	
	16	1	<b>7X-0590</b>	4	WASHER-HARD (13.5X44.5X6-MM THK)	
	17	1	<b>8T-4223</b>	8	WASHER-HARD (13.5X25.5X3-MM THK)	
	18	1	<b>8T-5361</b>	2	WASHER-HARD (28X49X5-MM THK)	

Y-SEPARATE ILLUSTRATION

# UNDERCARRIAGE

## 125-4655 IDLER GP-TRACK

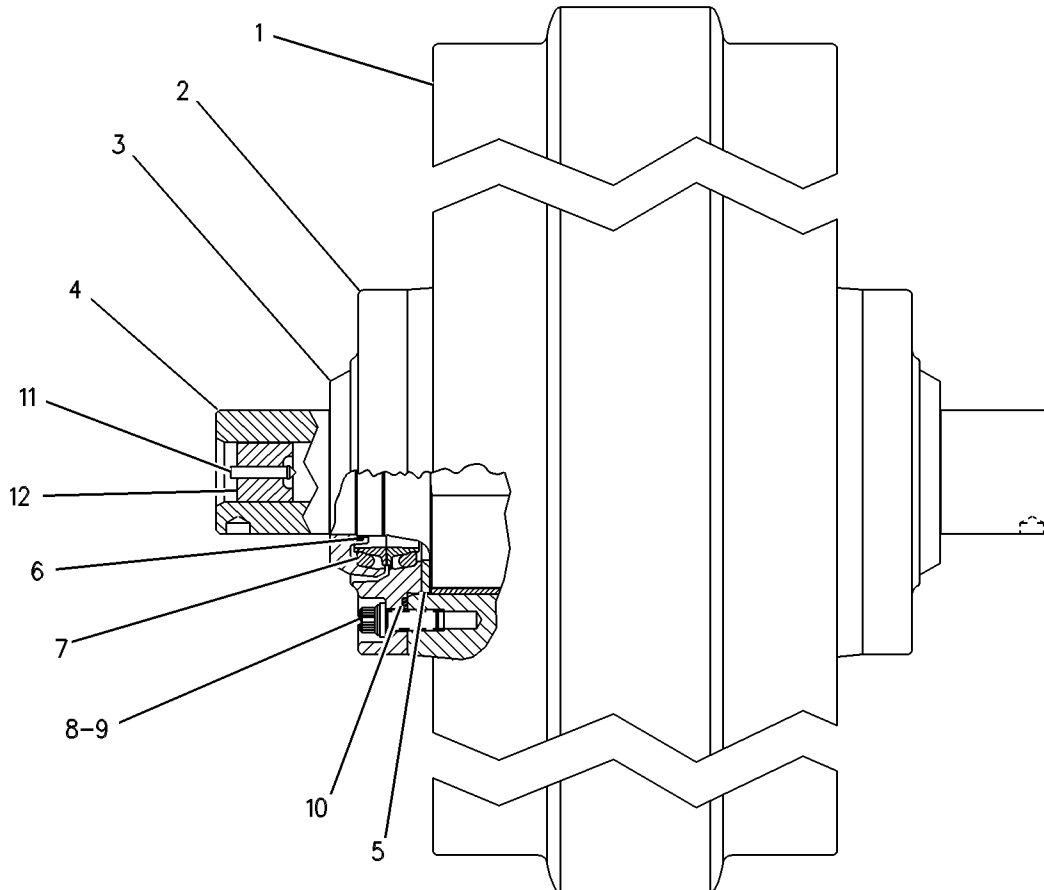
S/N: WDM1-UP

PART OF 187-2015 UNDERCARRIAGE AR

SMCS-4159

i01590797

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7T-2770	1	IDLER & BEARING AS						
		1	9W-9499	2	BEARING-SLEEVE						
2		1	107-3946	2	RETAINER						
3		1	107-3947	2	COLLAR-SEAL						
4		1	154-3309	1	SHAFT-TRACK IDLER						
5		1	8E-6619	2	WASHER-THRUST						
6		1	107-4057	2	SEAL-O-RING						
7		1	162-7863	2	SEAL GP-DUO-CONE						
					(EACH INCLUDES)						
		1	162-2167	2	RING-TORIC						
8		1	3K-6113	24	WASHER-HARD (12X18.5X3MM THK)						
9		1	5P-2546	24	BOLT-12 POINT HEAD (7/16-14X1.25 IN)						
10		1	8F-9516	2	SEAL-O-RING						
11		1	6Y-0473	1	PLUG-CLEAR						
12		1	9G-4872	1	STOPPER-RUBBER						



GRAPHIC #1

<END>

g00272232

# UNDERCARRIAGE

## 196-9955 ROLLER GP-TRACK-SINGLE FLANGE\*R

S/N: WDM1-UP

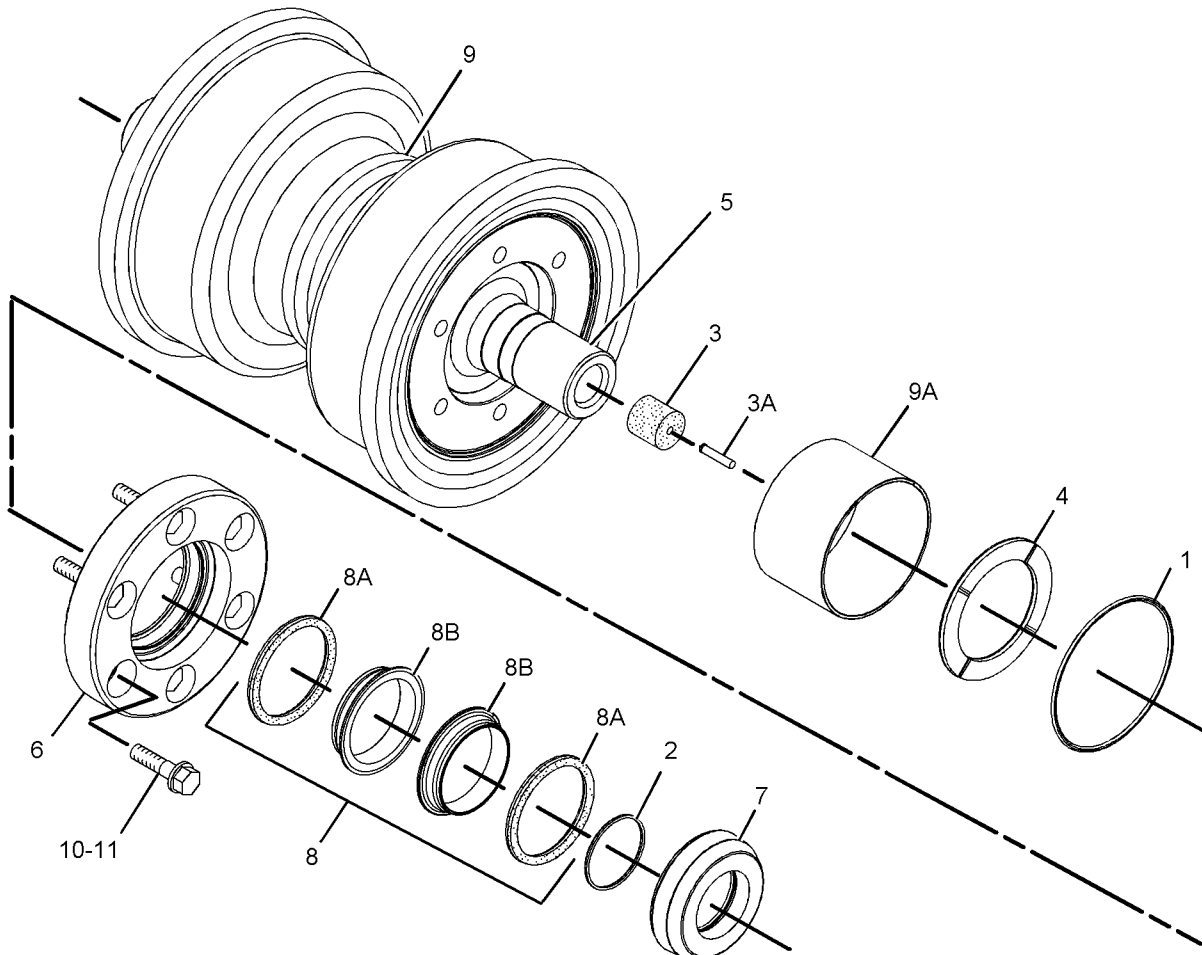
PART OF 211-9297 ROLLER AR-TRACK CARRIER, 187-2015 UNDERCARRIAGE AR  
ALSO AN ATTACHMENT

SMCS-4180

i02201159

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5F-3106	2	SEAL-O-RING						
	2	1	7J-2036	2	SEAL-O-RING						
	3	1	9G-4872	1	STOPPER-RUBBER						
	3A	1	6Y-0473	1	PLUG-CLEAR						
	4	1	8E-7510	2	WASHER-THRUST (86X120.27X4.52-MM THK)						
	5	1	104-3494	1	SHAFT-TRACK ROLLER						
	6	1	107-3944	2	RETAINER						
	7	1	107-3945	2	COLLAR-SEAL						
	8	1	162-7862	2	SEAL GP-DUO-CONE (EACH INCLUDES)						
	8A	1	162-2166	2	RING-TORIC						
Z	8B	1		2	SEAL-RING						
	9	1	196-9957	1	ROLLER & BEARING AS						
	9A	1	9W-9844	2	BEARING-SLEEVE (BURNISHED)						
	10	1	241-1855	12	BOLT (1/2-13X2-IN)						
M	11	1	5P-8245	12	WASHER-HARD (13.5X25.5X3-MM THK)						

M-METRIC PART  
Z-NOT SERVICED SEPARATELY



GRAPHIC #1

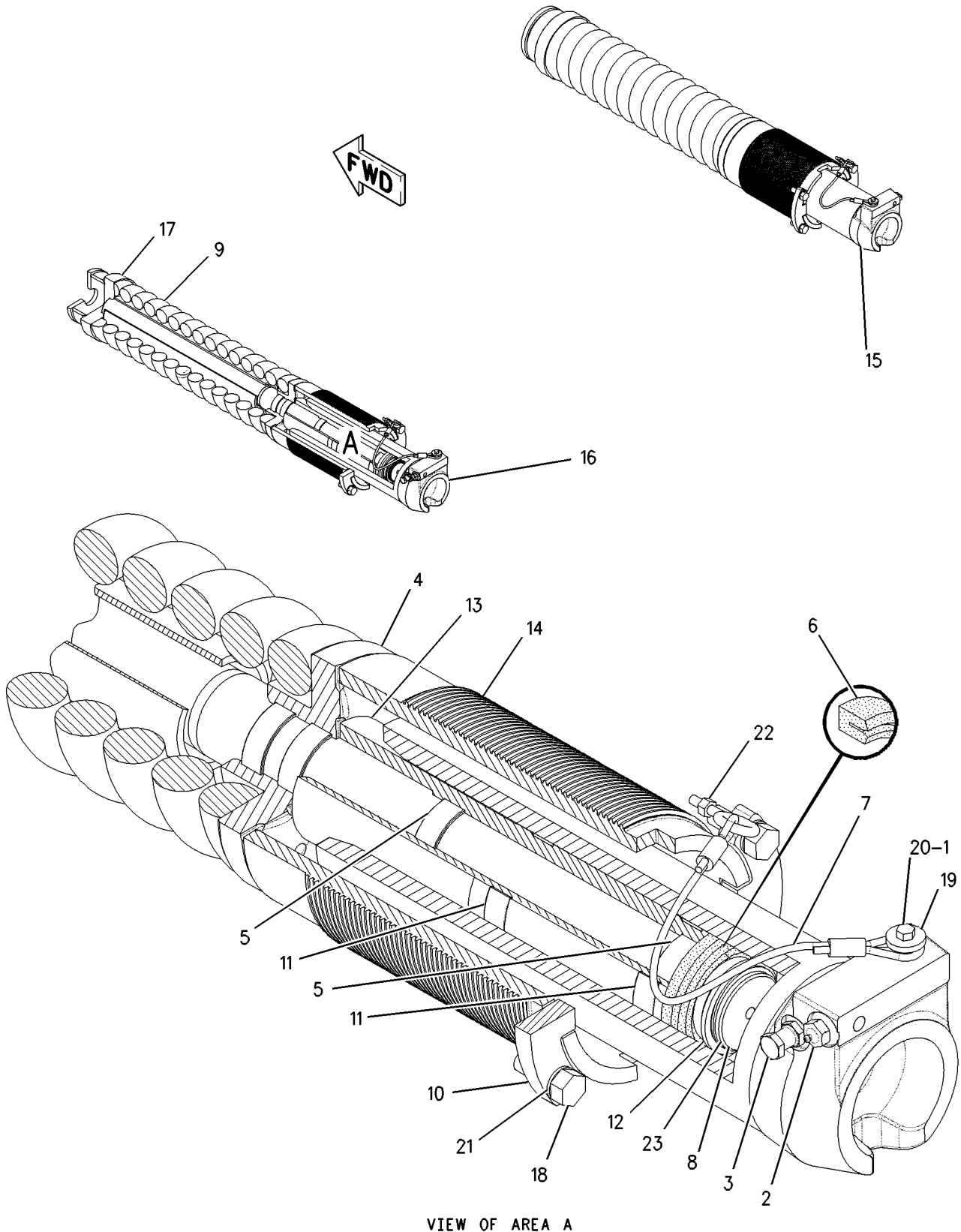
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g01113301

# UNDERCARRIAGE

196-8561 TRACK ADJUSTER & RECOIL GP (contd.)

i02201225



VIEW OF AREA A

GRAPHIC #1

<END>

g00750004

# STEERING AND BRAKING SYSTEM

## 163-9281 CONTROL GP-STEER CLUTCH & BRK

S/N: WDM1-UP

PART OF 162-9513 POWER TRAIN AR

SMCS-4122

i01902641

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	8P-7824	2	KNOB (RH/LH STEERING LEVER)	
	2	1	8P-7826	2	KNOB (RH/LH STEERING LEVER)	
	3	1	030-7573	2	BOLT (3/8-16X1.5-IN)	
	4	1	7G-1075	1	LEVER (RIGHT STEER)	
	5	1	7G-1076	1	LEVER (LEFT STEER)	
	6	3	1H-1200	1	PIN-SPRING	
	7	1	9M-5884	2	BUMPER	
	8	1	7G-1315	1	ROD	
	9	1	7S-4408	2	WASHER (8.7X14.3X1.6-MM THK)	
	10	1	3B-4609	2	PIN-COTTER	
	11	1	7G-1251	1	SPRING	
	12	1	7G-1554	1	PLATE AS	
	13	1	7T-0906	1	BOLT-ANCHOR	
	14	1	6V-8801	1	NUT (3/8-16-THD)	
	15	1, 2, 3	8T-4896	30	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	16	1, 3	8T-2502	12	BOLT (3/8-16X1.125-IN)	
	17	1	7G-1549	2	SHAFT	
	18	1	009-4089	16	WASHER (19.2X41.1X1.6-MM THK)	
	19	1	9W-5283	1	LEVER	
	20	1	6D-3787	16	BEARING-ROLLER	
	21	1	4D-4064	4	ROD END	
	22	1	9P-0365	3	BOOT	
	23	1	7G-5761	1	ROD	
	24	1	1F-5403	2	ROD END-ADJUSTABLE	
	25	1	1B-0676	2	PIN	
	26	1	3B-4615	2	PIN-COTTER	
	27	1	6T-8370	1	PLATE	
	28	1	7G-1080	1	BRACKET	
	29	1	2K-4973	2	LOCKNUT (3/8-16-THD)	
	30	1	7G-1520	2	ROD	
	31	2	1H-2415	1	BOLT (0.5-13X2.5-IN)	
	32	1	7T-3236	1	BRACKET	
	33	1	7T-3229	1	BELLCRANK	
	34	1	7T-3230	1	BELLCRANK	
	35	1	111-6221	1	BELLCRANK	
	36	1	7G-1562	1	SPACER	
	37	1	7G-1602	1	SHAFT	
	38	1	2J-6356	1	RING-RETAINING	
	39	1	5P-2675	1	BOLT (1/4-20X1.75-IN)	
	40	1	8T-4205	1	WASHER-HARD (7.2X14.5X2-MM THK)	
	41	2, 3	4D-4065	8	ROD END	
	42	2	2J-5038	1	ROD END	
	43	2, 3	7X-3374	8	NUT-FULL (1/2-20-THD)	
	44	2, 3	6V-2762	24	SPACER	
	45	2, 3	1K-6872	13	LOCKNUT (1/2-13-THD)	
	46	1	6V-2867	2	BOOT-ROD END	
	47	1	7G-1122	1	LEVER	
	48	1	7G-1170	1	LEVER	
	49	1	7G-1169	1	LEVER	
	50	1	5S-7382	6	BOLT (3/8-16X1.375-IN)	
	51	1	7G-1603	1	SHAFT	
	52	1, 3	7P-4190	4	BEARING-ROLLER	
	53	2, 3	5P-2424	10	BOLT (1/2-13X2.25-IN)	
	54	3	8P-8720	1	SHAFT	
	55	3	7G-2229	1	BELLCRANK	
	56	2, 3	6V-2761	12	BOOT-ROD END	

# HYDRAULIC SYSTEM

## 101-7771 CONTROL AR-HYD PIN PULLER

S/N: WDM1-UP  
AN ATTACHMENT

SMCS-5353

i02253974

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	<b>8T-4896</b>	4	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	2	1	<b>4P-7581</b>	1	CLIP						
B	3	1	<b>9X-6772</b>	5	STRAP-CABLE						
	4	1	<i>148-8378</i>	2	ELBOW AS						
					(EACH INCLUDES)						
		1	<b>3J-1907</b>	1	SEAL-O-RING						
		1	<b>6V-8397</b>	1	SEAL-O-RING						
		1	<b>6V-8724</b>	1	ELBOW						
	5	1	<b>146-0240</b>	1	SWITCH GP-TOGGLE (LOCKING) (RIPPER PIN PULLER)						
		1	<b>3E-3371</b>	1	WEDGE-RECEPTACLE LOCK (3-PIN)						
		1	<b>6T-3631</b>	2	NUT-HEX (15/32-32-THD)						
		1	<b>6T-3632</b>	1	LOCKWASHER						
		1	<b>6T-3633</b>	1	RING-LOCKING						
		1	<b>186-3735</b>	3	PIN-CONNECTOR						
		1	<b>102-8803</b>	1	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	6	1	<b>3J-1907</b>	2	SEAL-O-RING						
	7	1	<b>102-3679</b>	1	TUBE AS						
	8	1	<i>148-8336</i>	2	CONNECTOR AS						
					(EACH INCLUDES)						
		1	<b>3J-1907</b>	1	SEAL-O-RING						
		1	<b>6V-8397</b>	1	SEAL-O-RING						
		1	<b>6V-8636</b>	1	CONNECTOR						
CY	9	1	<i>188-6140</i>	1	VALVE & MTG GP-CONTROL (HYDRAULIC PIN PULLER)						480
	10	1	<b>137-3936</b>	1	FILM-INSTRUCTION (RIPPER PIN PULLER SWITCH)						
	11	1	<b>102-3680</b>	1	TUBE AS						
	12	1	<b>9S-4191</b>	2	PLUG						
	13	1	<b>7X-0290</b>	2	BOLT (3/8-16X3.5-IN)						
	14	1	<b>7X-0578</b>	4	WASHER-HARD (10.2X32X2.5-MM THK)						
	15	1	<b>6V-8801</b>	2	NUT (3/8-16-THD)						
	16	1	<b>120-5821</b>	1	PLATE AS						
		1	<b>9F-2978</b>	2	NUT-WELD (3/8-16-THD)						
	17	1	<b>120-5820</b>	1	PLATE						
	18	1	<b>4L-6454</b>	2	BOLT (3/8-16X1-IN)						
C	19	1	<b>4P-8134</b>	1	CLIP						

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

# HYDRAULIC SYSTEM

## 165-8633 CYLINDER GP-LIFT-BULLDOZER

S/N: WDM1-UP; 9MP1-UP; 9RP1-UP

120.65-MM (4.75-IN) BORE X 1570-MM (61.8-IN) STROKE

PART OF 163-1268, 163-1269 CYLINDER & LINES GP-LIFT  
AN ATTACHMENT

SMCS-5102

i02248650

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	166-1855	1	CYLINDER AS						
		1	5J-1192	2	BEARING-SLEEVE						
M	2	1	173-9682	1	BOLT (M36X4X100-MM)						
	3	1	106-1017	1	WASHER (36.7X77X6-MM THK)						
	4	1	131-7823	1	PISTON AS						
		1	4T-8588	1	SEAL AS						
	5	1	175-7903	1	SEAL-O-RING						
	6	1	2J-3961	1	RING-BACKUP						
	7	1	164-6403	1	HEAD						
R	8	1	6E-4497	1	ROD AS						
	9	1	160-6310	1	CAP-BEARING						
M	10	1	8T-0672	4	BOLT (M24X3X160-MM)						
B	11	1	3G-0911	28	SHIM (0.8-MM THK)						
M	12	1	7X-0851	4	NUT (M24X3-THD)						
	13	1	225-3284	1	SEAL-WIPER						
	14	1	9X-7412	1	SEAL-U-CUP						
	15	1	167-2208	1	SEAL AS-BUFFER						
	16	1	8C-9161	1	RING-WEAR						
	17	1	131-7184	1	RING-WEAR						

B-USE AS REQUIRED

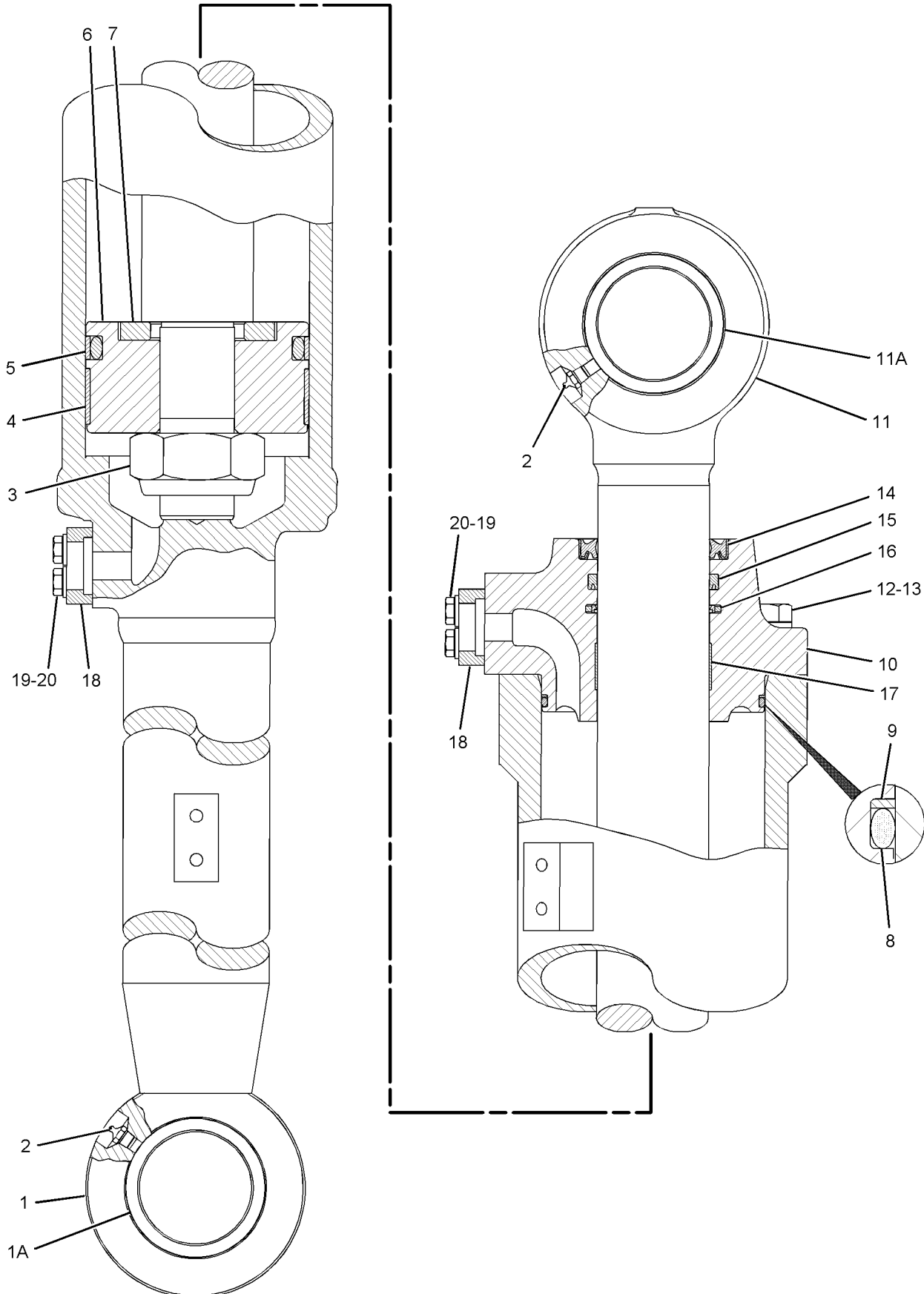
M-METRIC PART

R-REMFG PART MAY BE AVAILABLE

# HYDRAULIC SYSTEM

132-5149 CYLINDER GP-RIPPER TIP (contd.)

i01989491



GRAPHIC #1

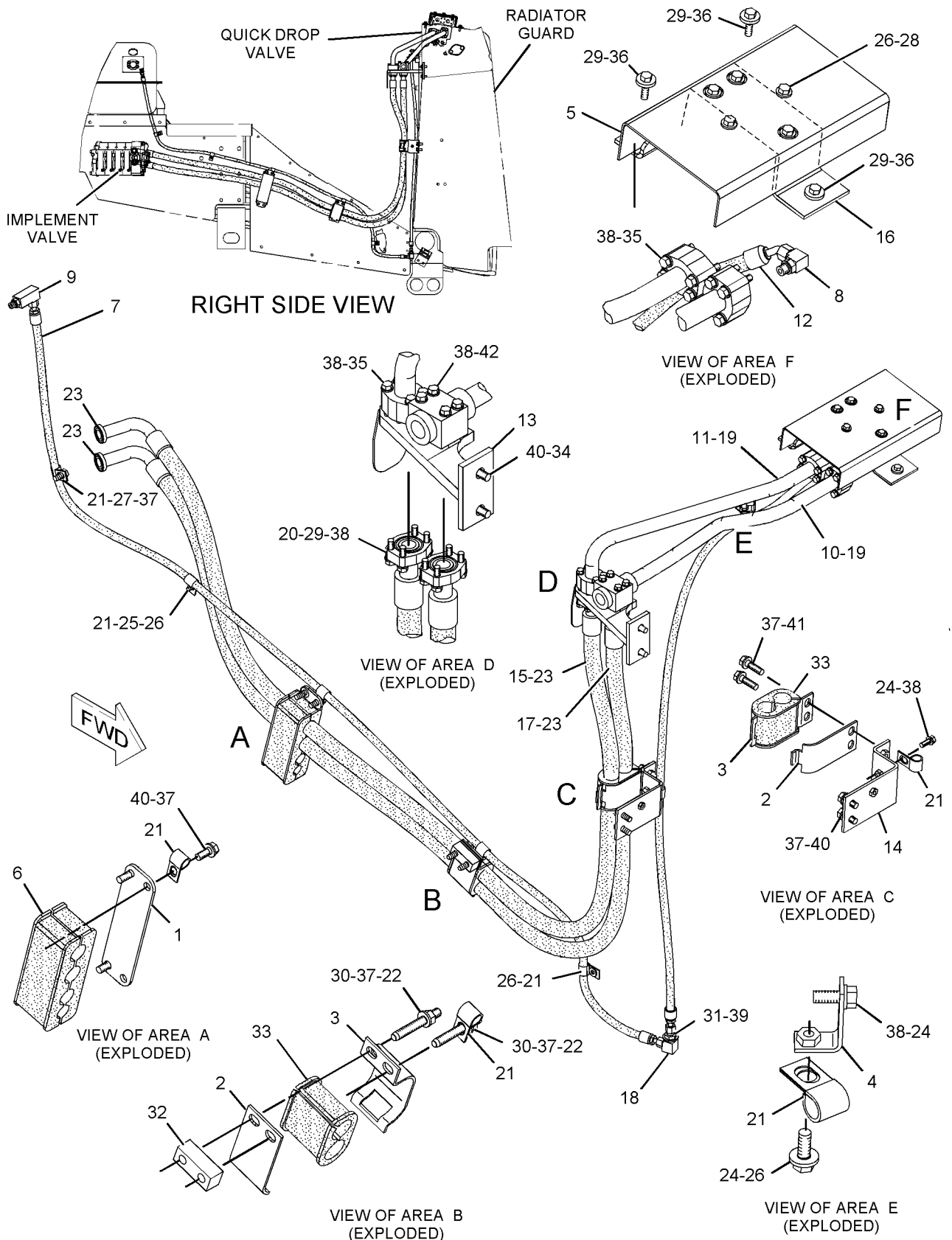
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g01031533

# HYDRAULIC SYSTEM

233-5254 LINES GP-LIFT CYLINDER (contd.)

i02229984



GRAPHIC #1

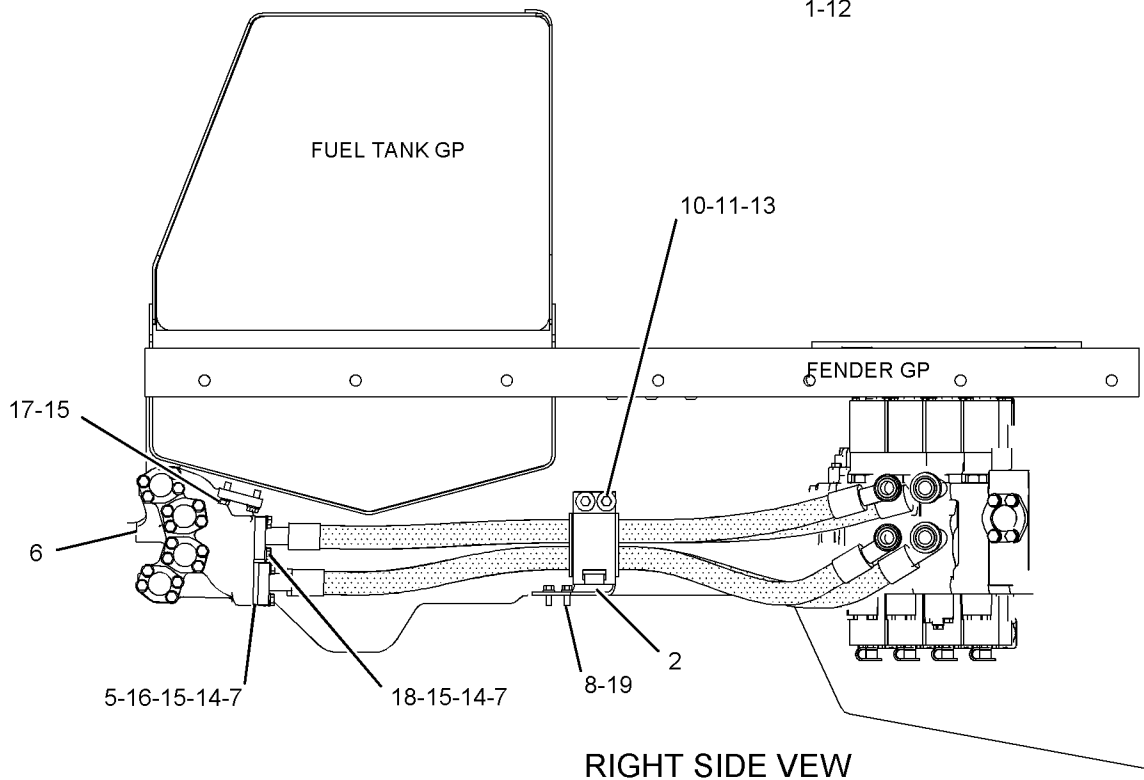
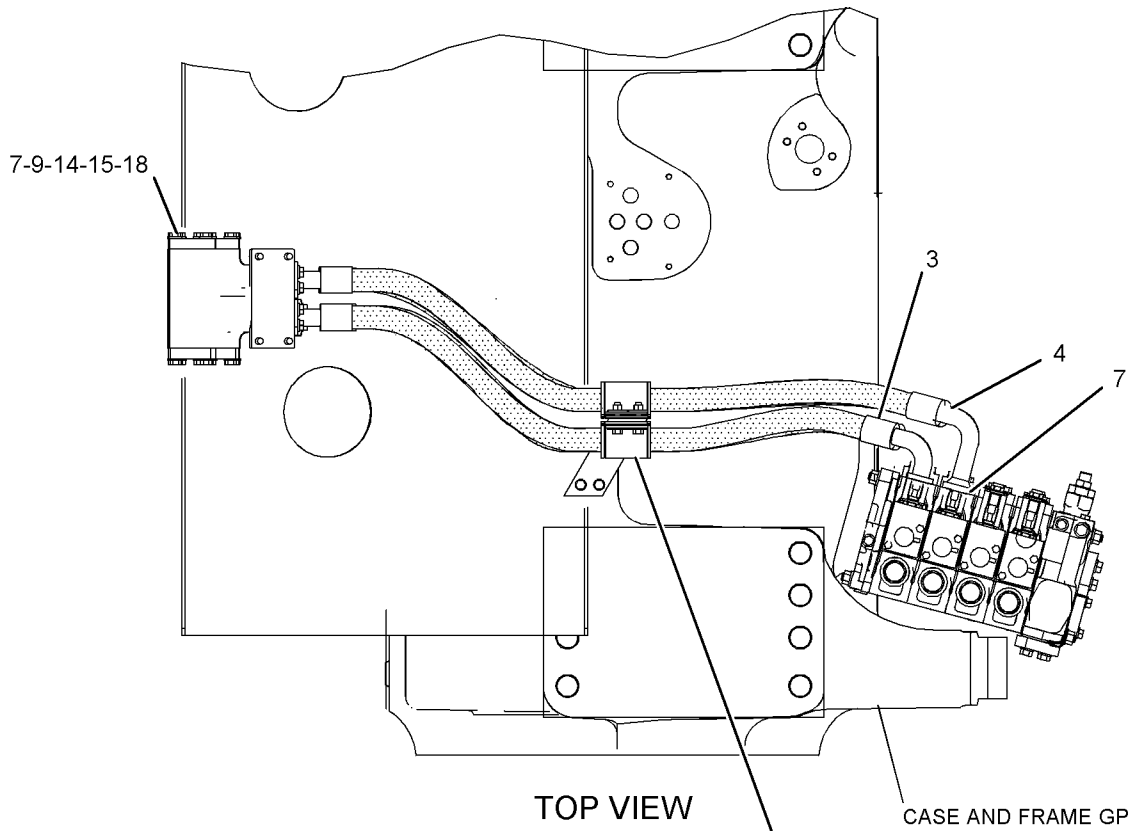
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g01128508

# HYDRAULIC SYSTEM

207-4455 LINES GP-RIPPER (contd.)

i01993675



GRAPHIC #1

<END>

g01036071

# HYDRAULIC SYSTEM

## 246-1043 MOUNTING GP-CYLINDER

S/N: WDM1-UP; 9MP1-UP; 9RP1-UP

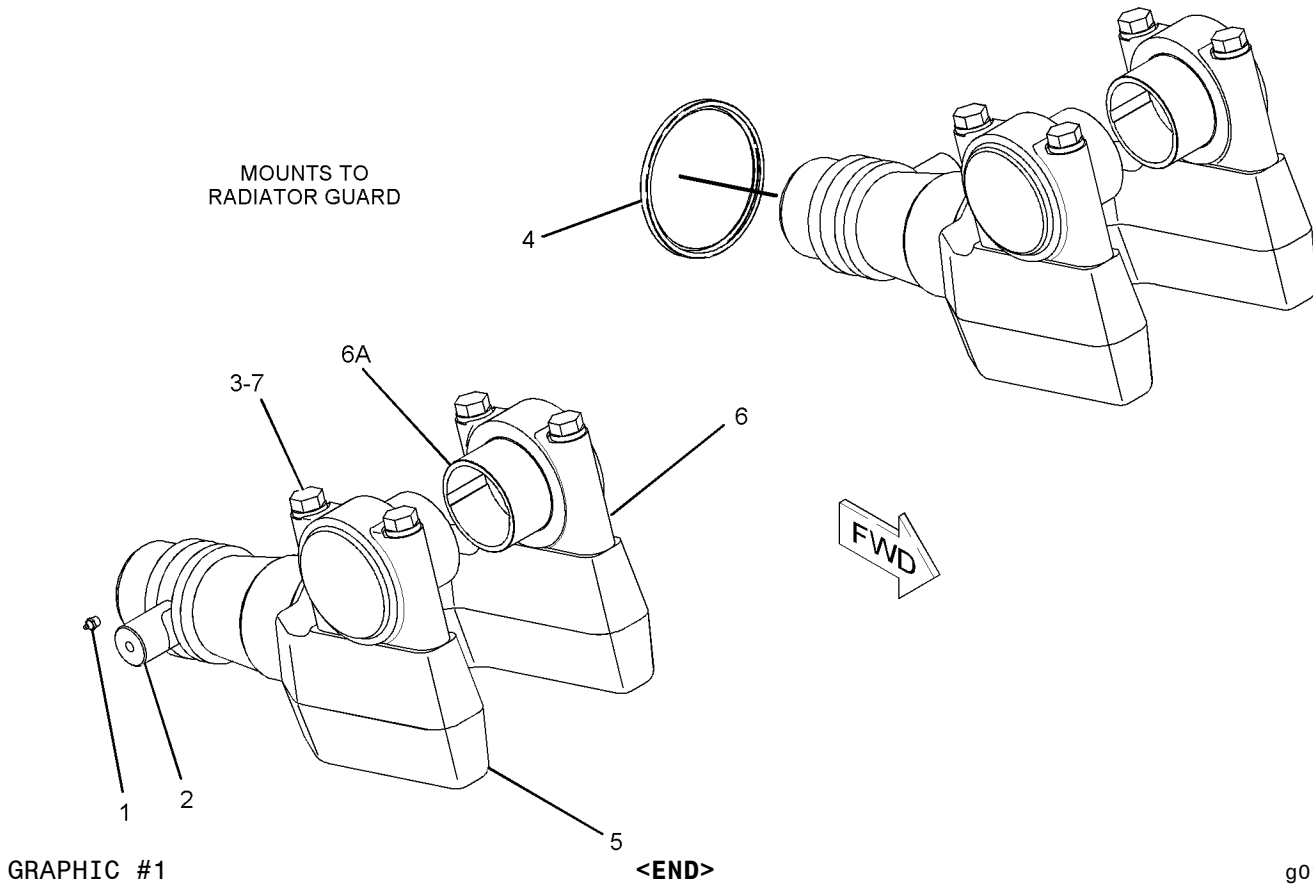
PART OF 163-4550 BULLDOZER AR-SEMI-UNIVERSAL, 163-4551 BULLDOZER  
AR-UNIVERSAL  
AN ATTACHMENT

SMCS-7562

i02003826

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3B-8489	2	FITTING-GREASE (CYLINDER)						
	2	1	4T-4875	2	PIN						
	3	1	154-1580	8	WASHER-HARD (M22X38X6-MM THK)						
	4	1	168-6448	2	SEAL-LIP TYPE						
	5	1	233-4657	2	YOKE						
	6	1	241-3853	4	CAP AS						
					(EACH INCLUDES)						
	6A	1	9J-5284	1	BEARING-SLEEVE						
M	7	1	8T-4170	8	BOLT (M20X2.5X150-MM)						

M-METRIC PART

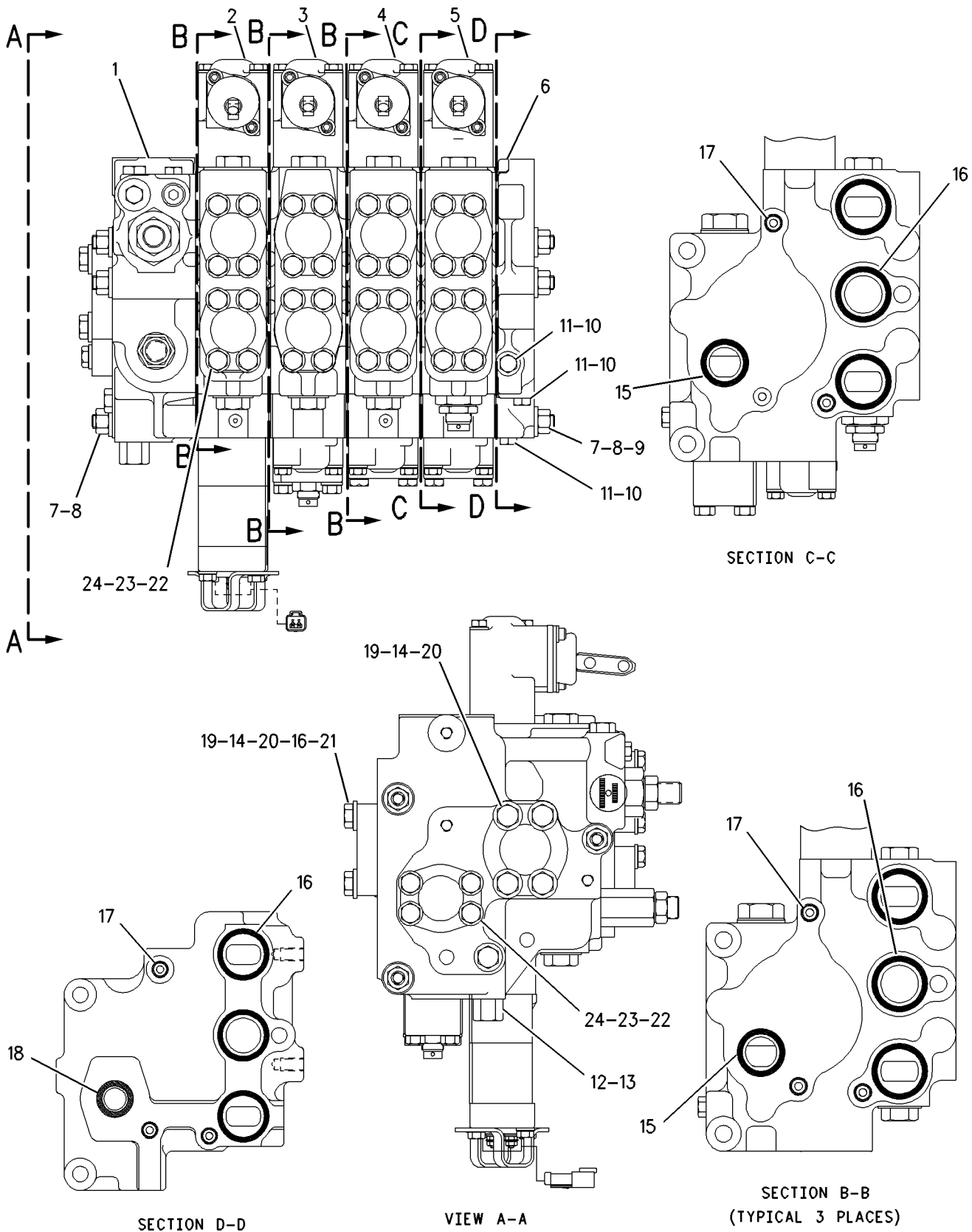


g01037383

# HYDRAULIC SYSTEM

187-8636 VALVE GP-BANK 4 (contd.)

i02253543



GRAPHIC #1

<END>

g00825106

# HYDRAULIC SYSTEM

## 100-6335 VALVE GP-PUMP CONTROL

S/N: WDM1-UP

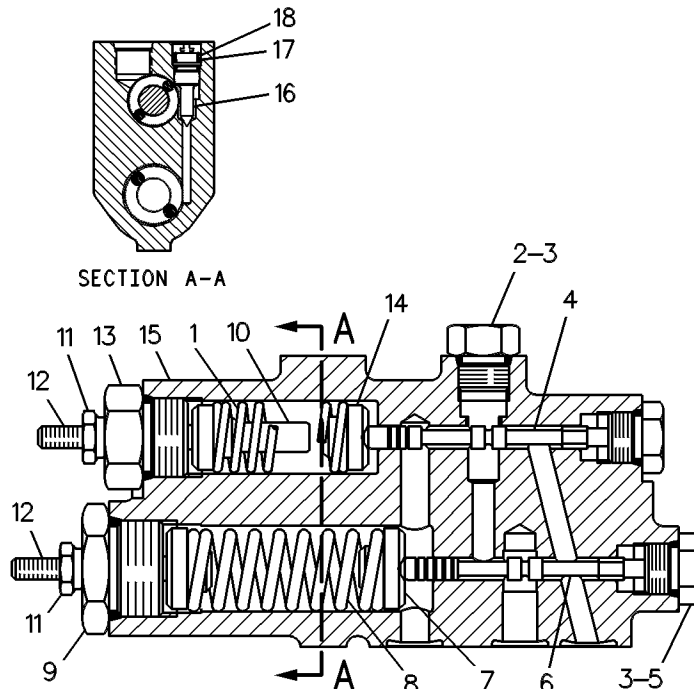
PART OF 104-1752 PUMP GP-PISTON

SMCS-5455

i01590894

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6E-4246	1	SPRING-MARGIN						
	2	1	9S-4191	1	PLUG						
	3	1	3J-1907	3	SEAL-O-RING						
	4	1	6E-4241	1	SPOOL-MARGIN						
	5	1	9T-2186	2	PLUG						
	6	1	6E-4239	1	SPOOL-CUTOFF						
	7	1	6E-4230	2	GUIDE-SPRING						
	8	1	6E-4228	1	SPRING						
	9	1	6E-6140	1	PLUG-COMPENSATOR						
		1	033-6036	1	SEAL-O-RING						
	10	1	6E-4318	1	PIN-SPRING STOP						
	11	1	6E-6141	2	LOCKNUT-SEALING						
M	12	1	129-7632	2	SCREW-ADJUSTMENT						
	13	1	6E-6142	1	PLUG-MARGIN						
		1	033-6027	1	SEAL-O-RING						
	14	1	6E-4242	2	GUIDE-SPRING						
	15	1	108-4814	1	BODY-COMPENSATOR						
	16	1	6E-6420	1	VALVE-NEEDLE						
	17	1	6E-6419	1	RING						
	18	1	9X-7680	1	SEAL-O-RING						

M-METRIC PART



GRAPHIC #1

<END>

g00239952

# HYDRAULIC SYSTEM

## 3E-9205 VALVE GP-SOLENOID-DUAL TILT

S/N: WDM1-UP

24 VOLT

PART OF 225-2321 VALVE GP-TILT CONTROL

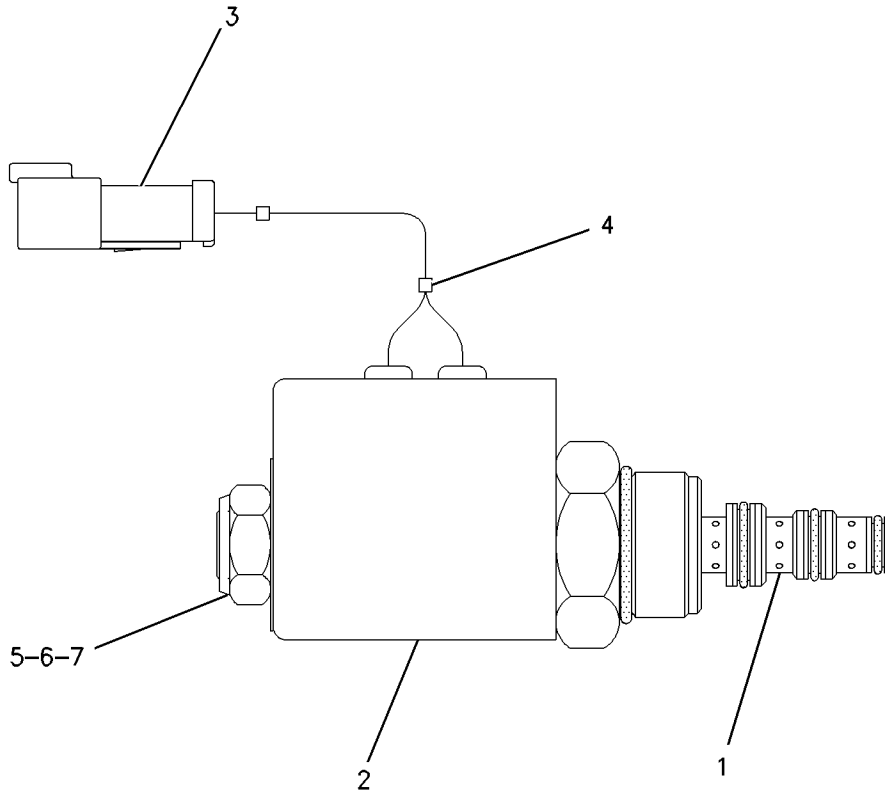
AN ATTACHMENT

TYPE 2

SMCS-5479

i02163298

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	<b>6T-9244</b>	1	CARTRIDGE AS						
	2	1	<b>3E-8581</b>	1	COIL AS						
	3	1	<b>102-8804</b>	1	KIT-RECEPTACLE (4-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)						
		1	<b>3E-3377</b>	1	WEDGE-RECEPTACLE LOCK (4-PIN)						
		1	<b>8T-8729</b>	4	PIN-CONNECTOR						
4		1	<b>1S-9593</b>	2	STRAP-CABLE						
5		1	<b>157-2284</b>	1	LOCKNUT-SPECIAL (5/8-18-THD)						
6		1	<b>160-5843</b>	1	WASHER (16.8X38.1X0.5-MM THK)						
7		1	<b>160-5844</b>	1	WASHER-SPRING (16.3X31.5X1.85-MM THK)						
					AVAILABLE REPAIR KIT(S):						
			<b>6T-3381</b>	1	KIT-SEAL (SOLENOID VALVE) (INCLUDES SEAL-O-RINGS & RING-BACKUPS)						



GRAPHIC #1

<END>

g00657410

# IMPLEMENTS

## 246-1039 LINK GP-STABILIZER

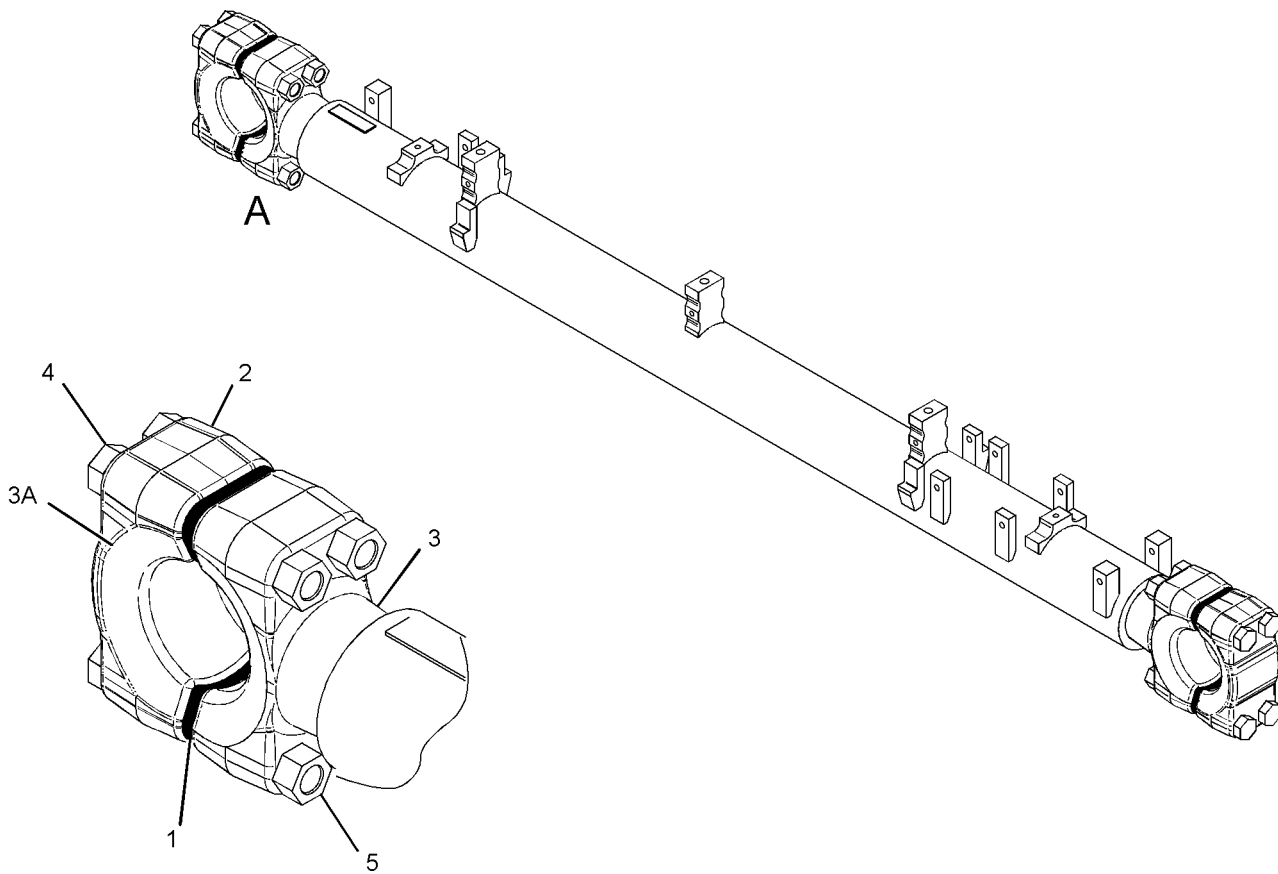
S/N: T9H1-UP; T9J1-UP; 9MP1-UP; 9RP1-UP  
 PART OF 246-1045 PUSH ARM GP-STABILIZER  
 AN ATTACHMENT

SMCS-6071, 7203

i02235444

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
B	1	1	<b>6I-8675</b>	52	SHIM (0.6-MM THK)						
	2	1	<b>160-6307</b>	2	CAP-BEARING						
	3	1	<b>246-1040</b>	1	LINK AS						
	3A	1	<b>239-4263</b>	2	BEARING						
M	4	1	<b>7X-2578</b>	8	BOLT (M24X3X200-MM)						
M	5	1	<b>8T-4001</b>	8	NUT (M24X3-THD)						

B-USE AS REQUIRED  
 M-METRIC PART



VIEW OF AREA A

GRAPHIC #1

<END>

g01039335

# IMPLEMENTS

## 246-1045 PUSH ARM GP-STABILIZER

S/N: T9H1-UP; T9J1-UP; 9MP1-UP; 9RP1-UP

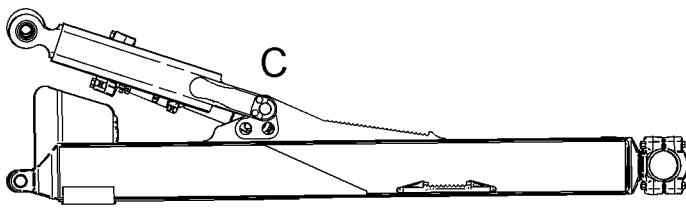
PART OF 163-4550, 246-1025 BULLDOZER AR-SEMI-UNIVERSAL, 163-4551, 246-1024  
BULLDOZER AR-UNIVERSAL  
AN ATTACHMENT

SMCS-6061

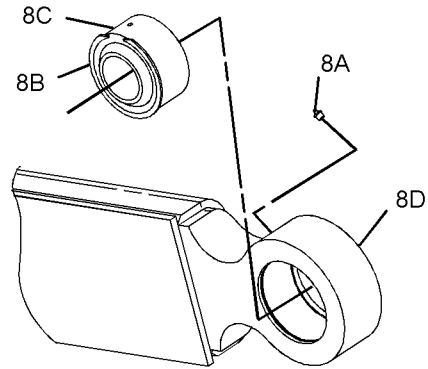
i02002691

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3G-7016	2	PIN						
	2	1	4T-7534	2	PIN						
	3	1	6J-5179	4	RETAINER						
Y	4	1	108-1028	1	PUSH ARM GP (LH)						520
Y	5	1	109-6778	1	CYLINDER GP-TILT						443
Y	6	1	110-5744	1	PUSH ARM GP (RH)						521
Y	7	1	246-1039	1	LINK GP-STABILIZER						512
	8	1	246-1046	1	BRACE AS						
	8A	1	3B-8489	1	FITTING-GREASE (ROD EYE BEARING)						
	8B	1	7J-3296	1	RING-LOCK						
	8C	1	7J-3297	1	BEARING (ROD EYE)						
	8D	1	239-4238	1	ROD-EYE						
M	9	1	7X-2574	8	BOLT (M24X3X45-MM)						

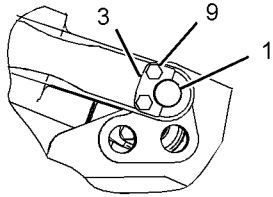
M-METRIC PART  
Y-SEPARATE ILLUSTRATION



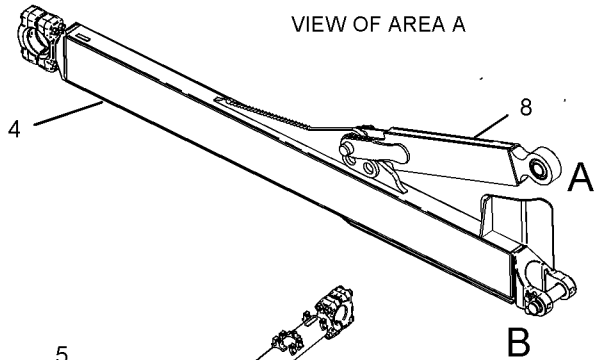
LEFT SIDE VIEW



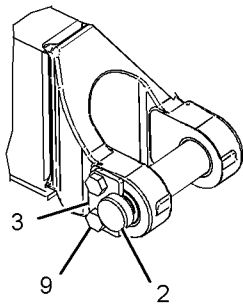
VIEW OF AREA A



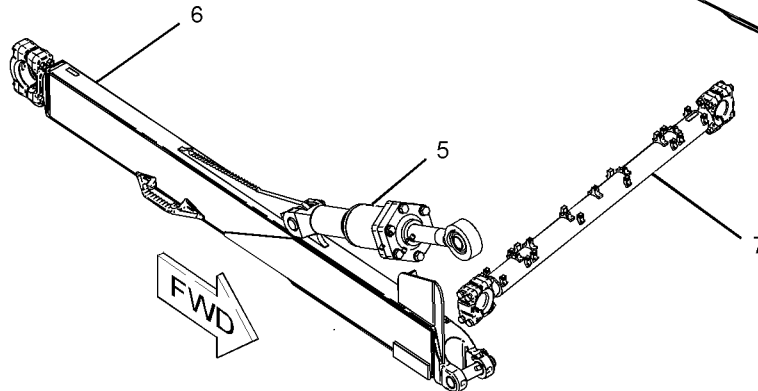
VIEW OF AREA C



VIEW OF AREA B



VIEW OF AREA B



<END>

GRAPHIC #1

g01038867

# WORK TOOLS

## 4Z-9366 BLADE AS-SEMI-UNIVERSAL

S/N: T9J1-UP

LANDFILL BLADE WITH WEAR PLATES

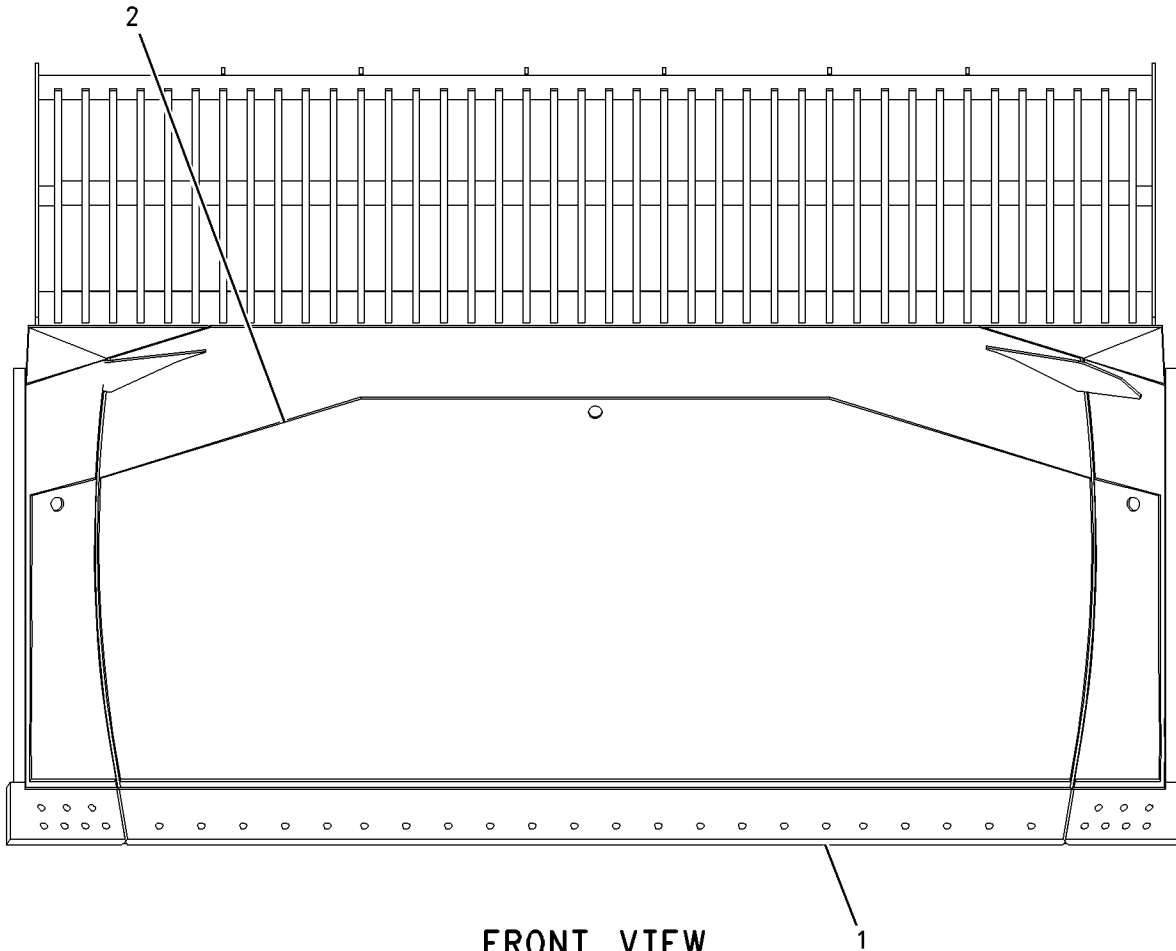
PART OF 4Z-9365 BLADE & EDGE GP-SEMI-UNIVERSAL  
AN ATTACHMENT

SMCS-6060

i01786908

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	4Z-9362	1	BLADE AS-SEMI-UNIVERSAL						530
Y	2	1	218-3884	1	PLATE GP-WEAR						553

Y-SEPARATE ILLUSTRATION



FRONT VIEW

GRAPHIC #1

<END>

g00917120

# WORK TOOLS

## 7T-5391 EDGE GP-BIT & CUTTING

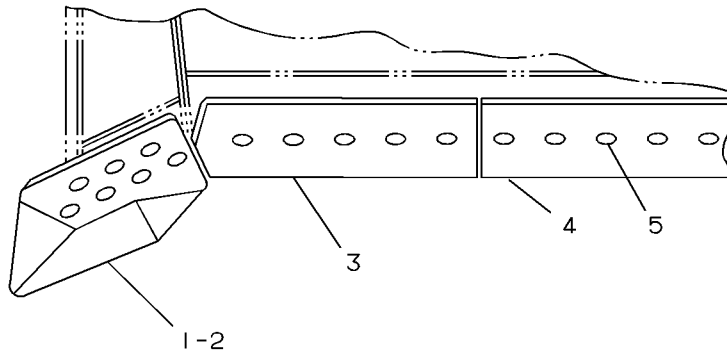
S/N: T9J1-UP; 9RP1-UP

PART OF 102-6346, 102-6347, 4Z-9361, 4Z-9363, 4Z-9365 BLADE & EDGE  
GP-SEMI-UNIVERSAL  
AN ATTACHMENT

SMCS-6801, 6804

i00593021

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8E-4196	1	BIT-END-LH						
	2	1	8E-4197	1	BIT-END-RH						
	3	1	7T-9125	2	EDGE-CUTTING						
	4	1	7T-5702	1	EDGE-CUTTING						
	5	1	4J-9208	36	BOLT-PLOW						
		1	5P-8250	36	WASHER (5.0MM THK)						
		1	2J-3507	36	NUT-FULL (1-8 THD)						



GRAPHIC #1

<END>

g00210390

# WORK TOOLS

## 217-7158 PLATE GP-WEAR

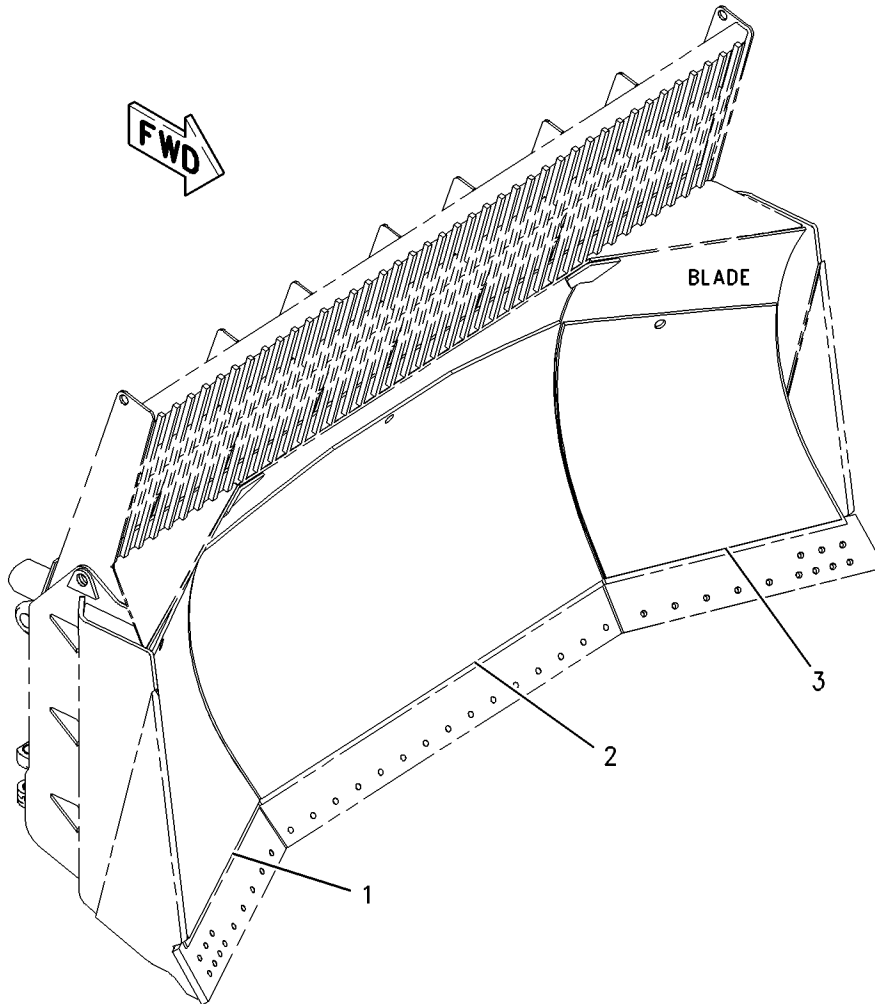
S/N: T9H1-UP

PART OF 4Z-9336, 4Z-9374 BLADE AS-UNIVERSAL  
AN ATTACHMENT

SMCS-6820

i01753078

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	217-7155	1	PLATE (RH)						
	2	1	217-7156	1	PLATE						
	3	1	217-7157	1	PLATE (LH)						



GRAPHIC #1

<END>

g01001823

# WORK TOOLS

## 114-4502 TOOTH GP-RIPPER

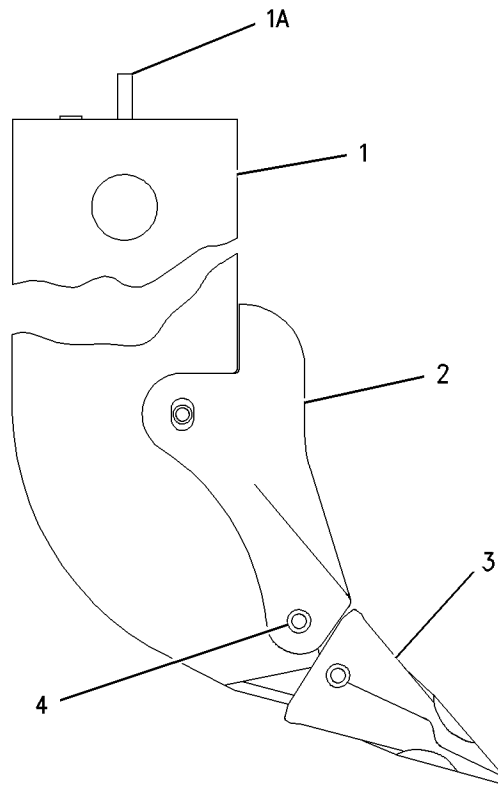
S/N: 5RP1-UP

PART OF 134-8107 RIPPER GP  
AN ATTACHMENT

SMCS-6808, 6810

i01928923

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	114-4503	1	SHANK AS-RIPPER						
	1A	1	3G-5596	1	LUG						
	2	1	9W-8365	1	PROTECTOR						
	3	1	4T-4501	1	TIP-RIPPER						
	4	1	6Y-1204	3	PIN						
		1	6Y-1202	3	RETAINER AS						
					(EACH INCLUDES)						
		1	7M-9107	1	RING-LOCK						



GRAPHIC #1

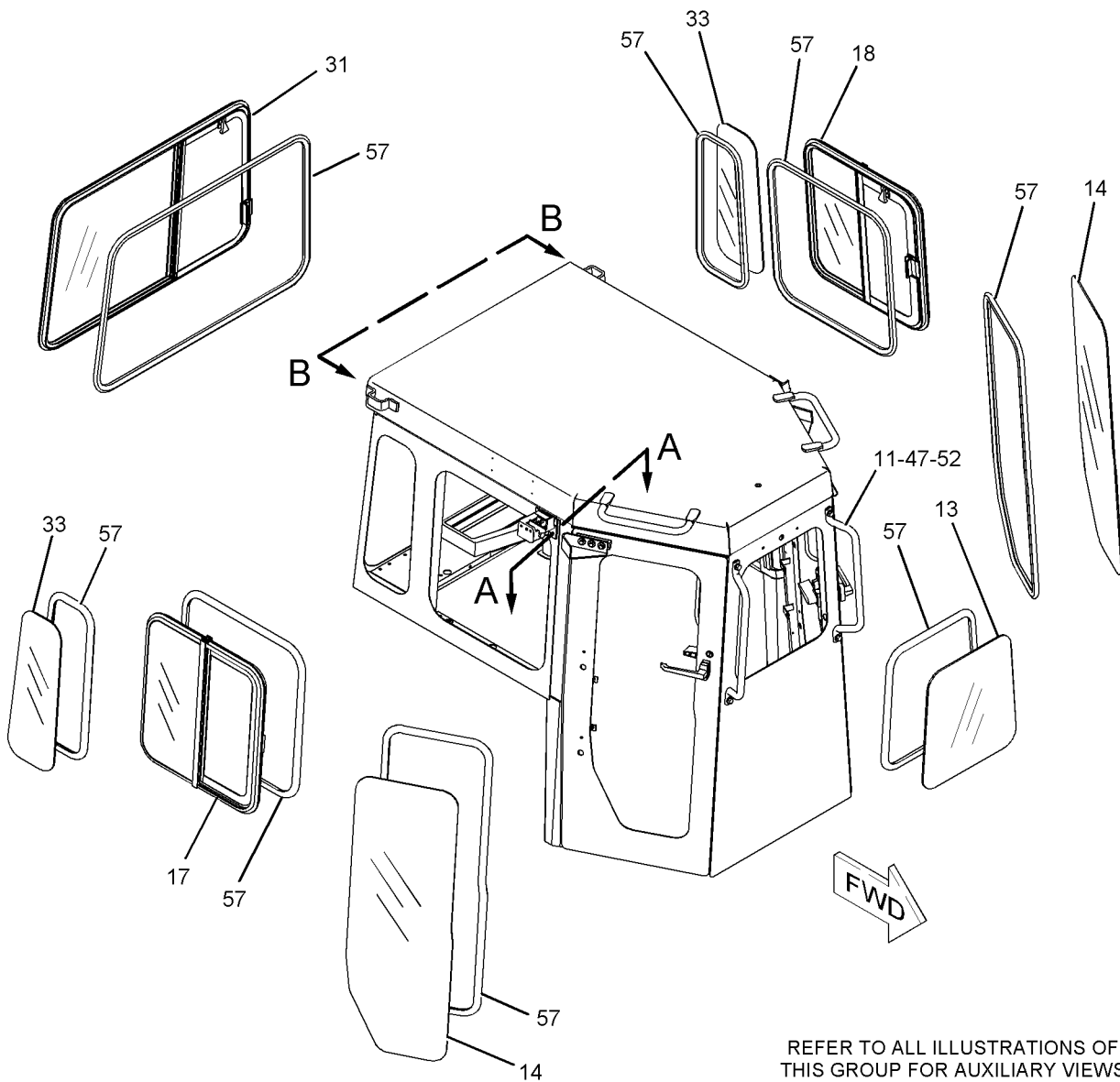
<END>

g01003414

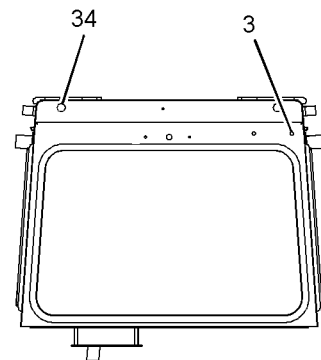
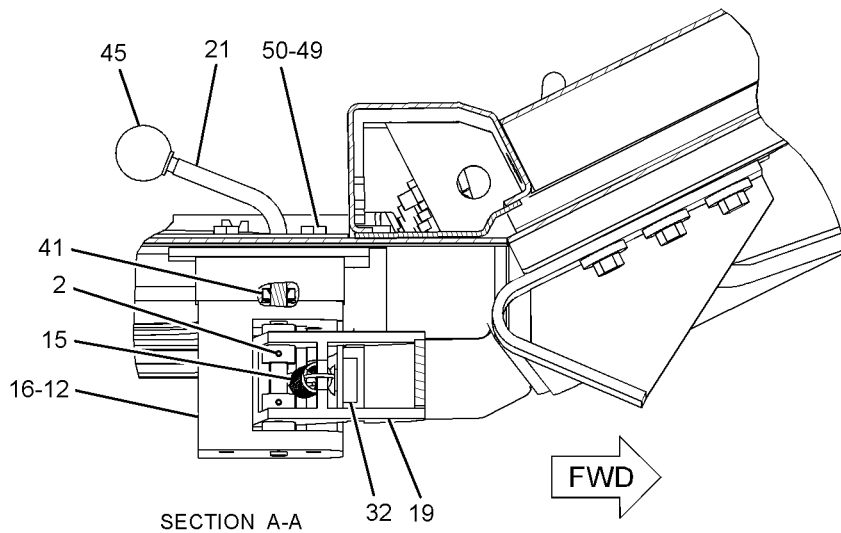
# OPERATOR STATION

157-3737 CAB GP (contd.)

i02024029



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



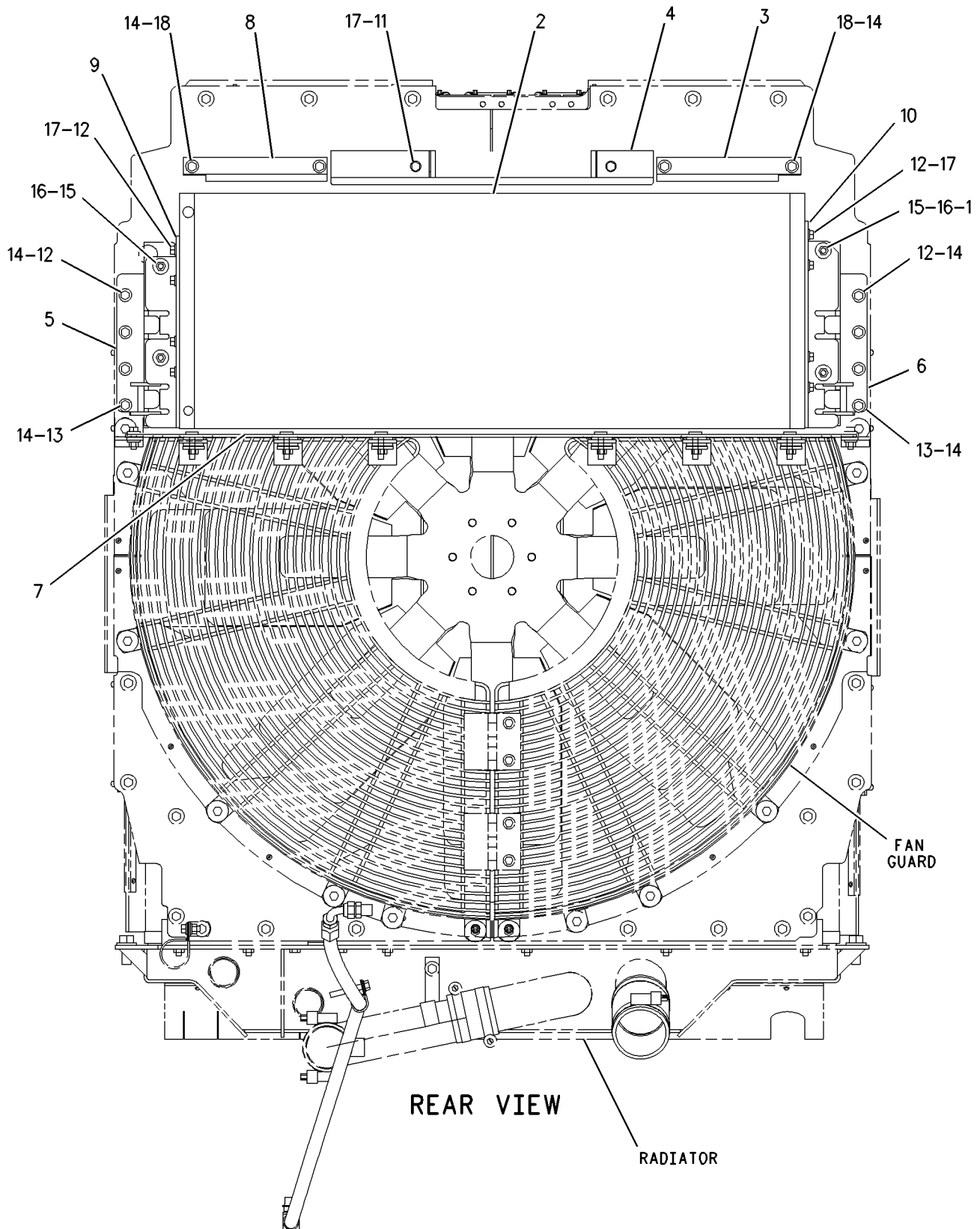
GRAPHIC #1

g01025848

# OPERATOR STATION

170-5951 CONDENSER & MTG GP-REFRIGERANT (contd.)

i01446842



GRAPHIC #1

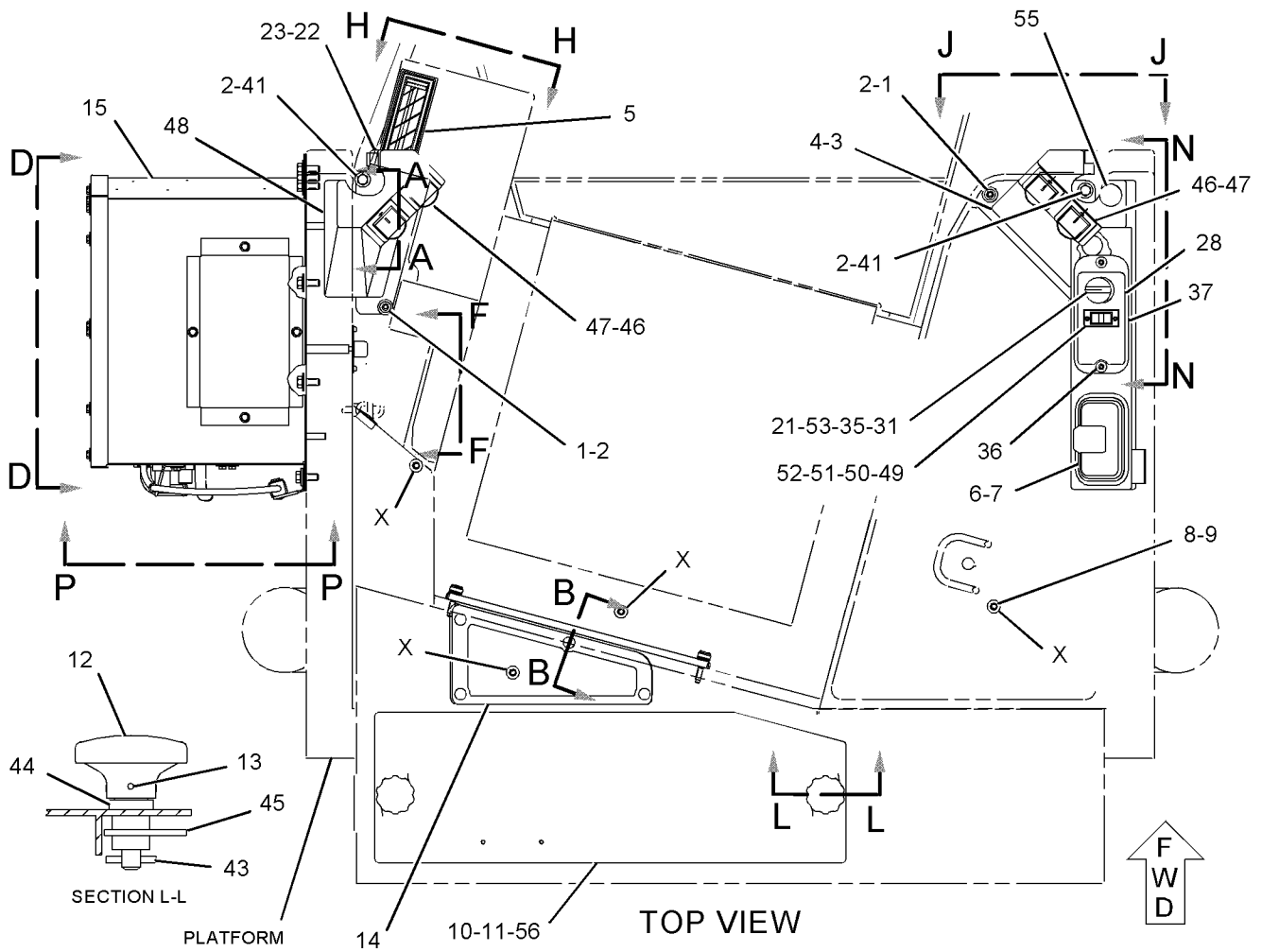
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g00685388

# OPERATOR STATION

162-8077 HEATER GP-CAB (contd.)

i02024275



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

# OPERATOR STATION

## 163-8440 LINES GP-AIR CONDITIONER

S/N: WDM1-UP

PART OF 162-8074 AIR CONDITIONER AR  
AN ATTACHMENT

SMCS-1808

i01551090

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	1P-6356	1	PLATE						
	2	2	3E-3535	1	RECEIVER-DRYER						
	3	1	5D-1026	2	CLAMP-HOSE						
	4	2	7C-1450	1	BRACKET AS						
		2	1F-0750	1	NUT-WELD (3/8-16-THD)						
	5	2	7N-1277	1	BRACKET AS						
		2	1F-0750	1	NUT-WELD (3/8-16-THD)						
	6	2	9X-6772	4	STRAP-CABLE						
	7	2	103-6100	2	COUPLER AS-QUICK (EACH INCLUDES)						
		2	9X-7382	2	SEAL-O-RING						
	8	2	114-5333	1	SWITCH AS-PRESSURE (REFRIGERANT) (AIR CONDITIONER/HIGH)						
		2	102-8802	1	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
		2	3E-3365	1	WEDGE-RECEPTACLE LOCK (2-PIN)						
		2	186-3735	2	PIN-CONNECTOR						
	9	2	116-6202	2	BOOT						
I	10	2	123-3547	1	HOSE AS						
	11	1	132-7203	1	BRACKET AS						
		1	8T-5912	1	NUT-WELD (3/8-16-THD)						
	12	2	149-6371	1	SWITCH AS-PRESSURE (AIR CONDITIONER/LOW)						
		2	102-8802	1	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
		2	3E-3365	1	WEDGE-RECEPTACLE LOCK (2-PIN)						
		2	186-3735	2	PIN-CONNECTOR						
	13	2	153-3946	1	BRACKET						
	14	2	153-6781	2	U-BOLT						
I	15	1	162-8055	1	HOSE AS						
	16	2	169-7443	1	TIMER AS-ON DELAY (24-VOLT)						
		2	102-8804	1	KIT-RECEPTACLE (4-PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
		2	186-3735	4	PIN-CONNECTOR						
	17	1	170-0235	1	ACCUMULATOR-REFRIGERANT						
	18	2	170-5293	1	HARNESS AS-HEATER & AIR COND						
		2	8T-8737	2	PLUG-SEAL						
		2	102-8805	1	KIT-RECEPTACLE (6-PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
		2	155-2270	3	KIT-CONNECTING PLUG (2-PIN)						
		2	155-2271	1	KIT-CONNECTING PLUG (4-PIN) (EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
I	19	1	171-0802	1	HOSE AS						
I	20	1	171-0803	1	HOSE AS						
I	21	1	171-1231	1	HOSE AS						
	22	2	172-0986	1	FITTING AS-AIR CONDITIONER						
	22A	2	3E-4051	1	CAP-SEAL						
		2	3E-4057	1	VALVE AS						
	22B	2	172-4880	1	CAP-SEAL (A/C)						
		2	180-7180	1	CORE-VALVE						
		2	180-7181	1	BODY-VALVE						
	23	1	109-1633	1	CLIP (SLOT)						
	24	1	109-1634	1	CLIP (TAB)						
	25	2	3E-4053	1	FITTING AS-AIR CONDITIONER						
		2	3E-4052	1	CAP-SEAL						

# OPERATOR STATION

## 133-2952 MIRROR GP

S/N: WDM1-UP

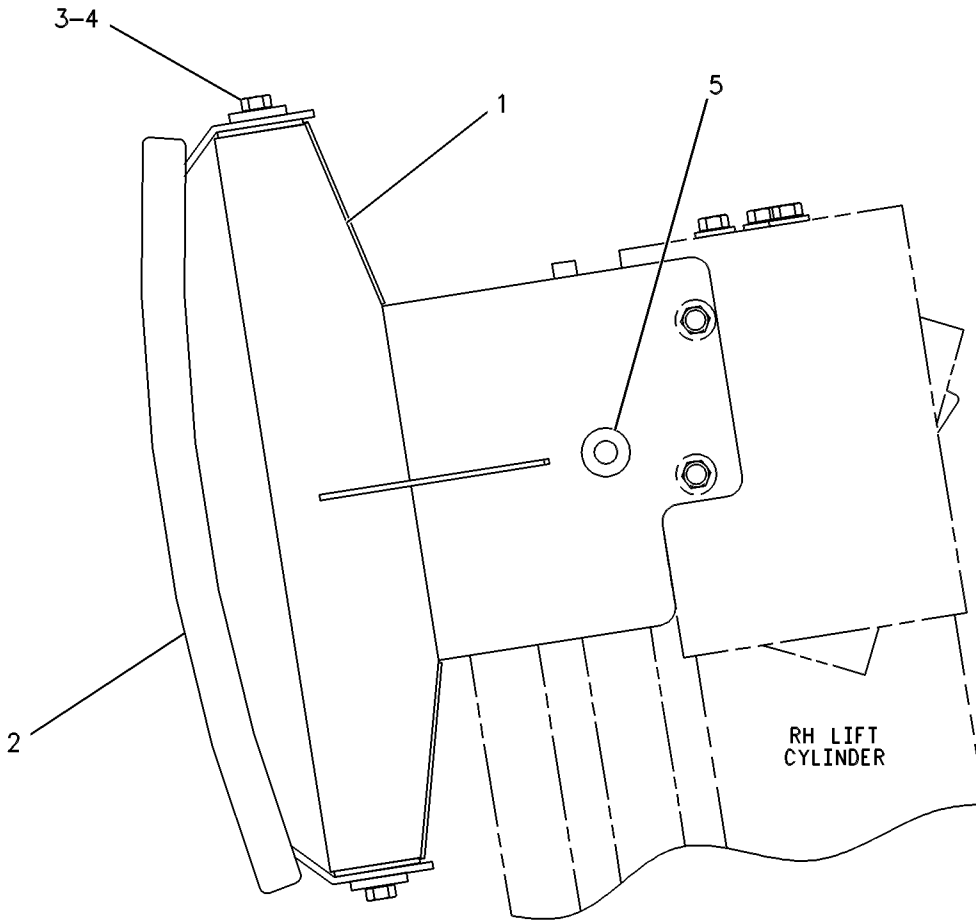
PART OF 162-8075 AIR CONDITIONER AR  
AN ATTACHMENT

SMCS-7319

i01446844

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	133-2953	1	PLATE AS						
		1	1F-0750	2	NUT-WELD (3/8-16 THD)						
	2	1	6V-9156	1	MIRROR						
	3	1	7X-0592	2	WASHER-HARD (10.2X32X5MM THK)						
	4	1	4L-6454	2	BOLT (3/8-16X1 IN)						
B	5	1	5P-7648	2	GROMMET						

B-USE AS REQUIRED



GRAPHIC #1

<END>

g00256602

# OPERATOR STATION

## 180-7305 PAN GP-BACKREST-VINYL

S/N: WDM1-UP

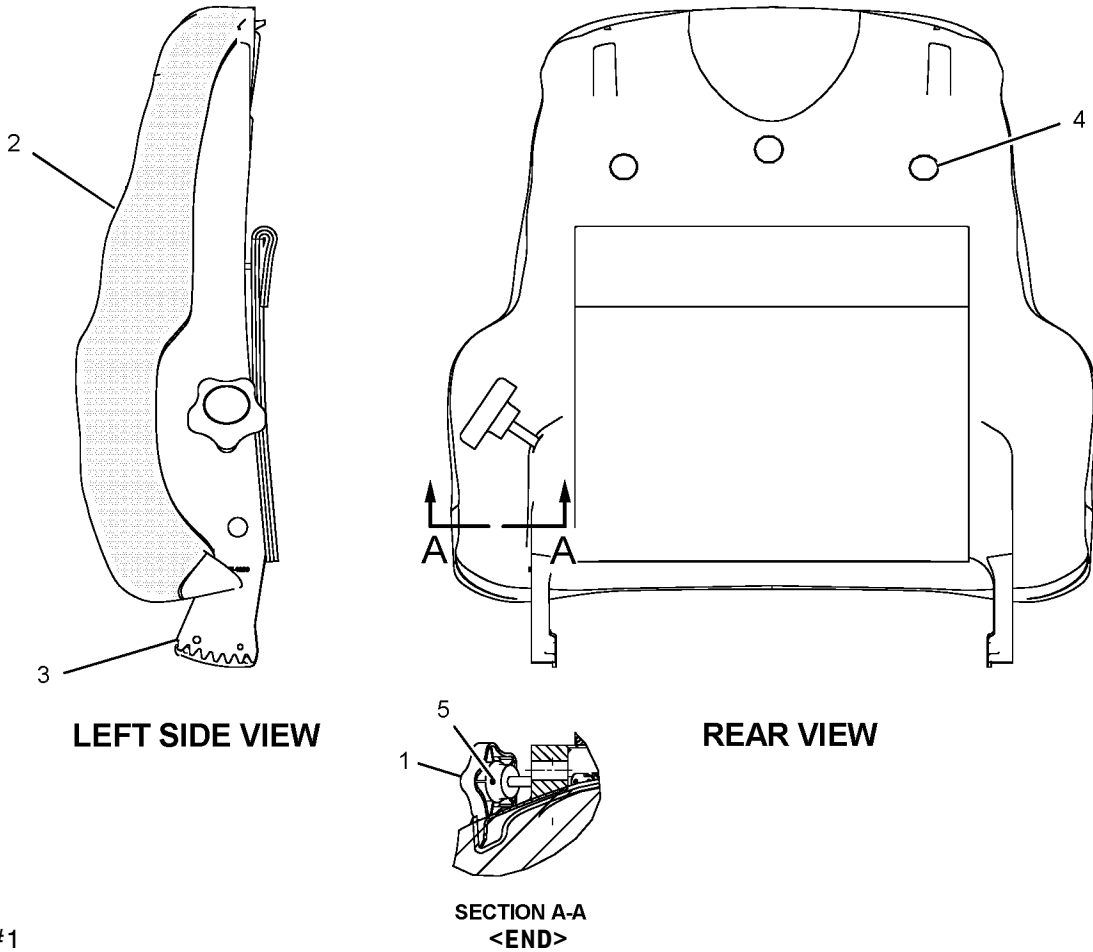
PART OF 180-7304 SEAT GP  
ALSO AN ATTACHMENT

SMCS-7312

i02122312

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	164-4883	1	KNOB-LUMBAR						
	2	1	169-0697	1	CUSHION AS						
Y	3	1	178-0605	1	PAN GP-BACKREST						621
	4	1	250-4628	3	PLUG						
	5	1	8T-7566	1	PIN-SPRING						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

g01082619

# OPERATOR STATION

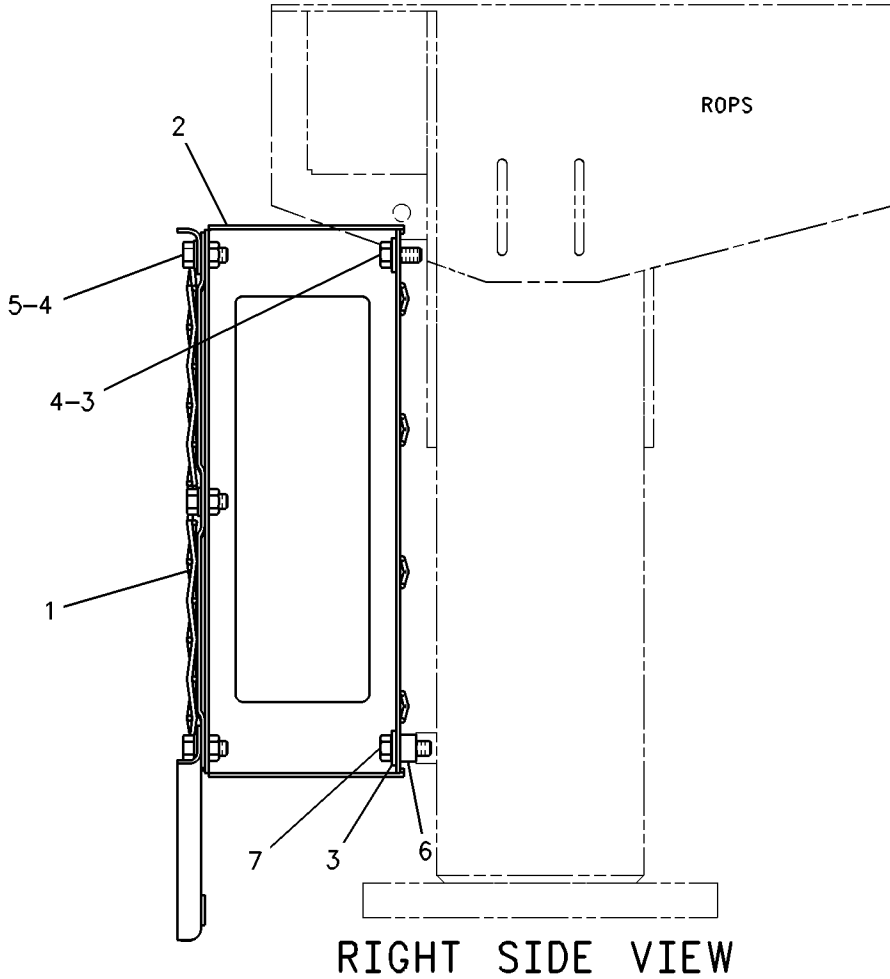
## 9U-9634 SCREEN GP-PROTECTION

S/N: WDM1-UP  
AN ATTACHMENT

SMCS-7165

i01423005

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9U-9638	1	SCREEN AS						
	2	1	9U-9635	2	PLATE AS						
					(EACH INCLUDES)						
		1	8J-7236	3	NUT-WELD (3/4-10-THD)						
		1	7T-1099	4	LINK						
	3	1	7X-0582	4	WASHER-HARD (20X44.5X6-MM THK)						
	4	1	7X-0365	8	BOLT (3/4-10X1.5-IN)						
	5	1	8T-4994	6	WASHER-HARD (20X36.5X3.5-MM THK)						
	6	1	1K-5760	2	SPACER (0.78X1.38X0.81-IN THK)						
	7	1	7X-0366	2	BOLT (3/4-10X2-IN)						



GRAPHIC #1

<END>

g00749505

# OPERATOR STATION

## 159-2951 SEAT GP-SUSPENSION-CLOTH

S/N: WDM1-UP

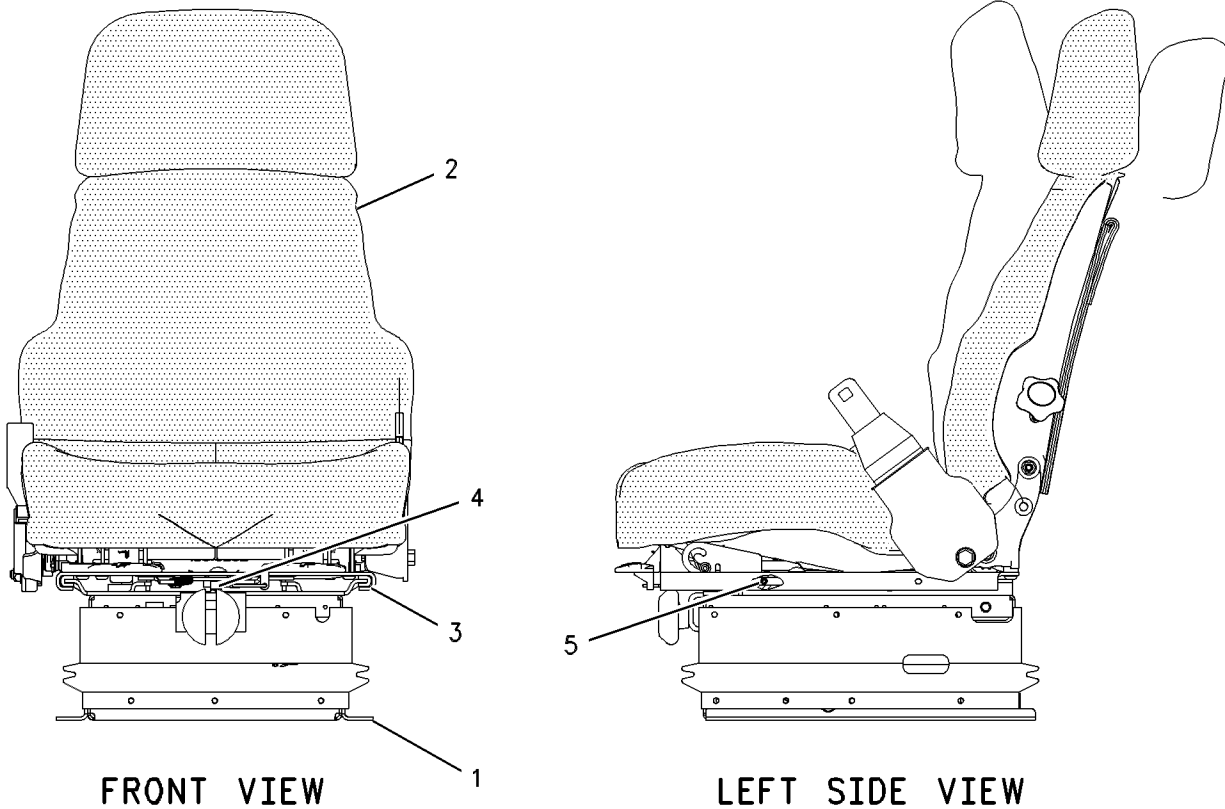
PART OF 163-0941 CAB AR  
AN ATTACHMENT

SMCS-7321, 7324, 7336

i01989146

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	<b>160-7165</b>	1	SUSPENSION GP-SEAT						643
Y	2	1	<i>184-6012</i>	1	SEAT GP						640
JZ	3	1		4	BLOCK-SLIDER						
J	4	1	<b>4F-4879</b>	1	BOLT (3/8-16X.5 IN)						
J		1	<b>203-7703</b>	2	WASHER-HARD (10.2X22.22X2.38MM THK)						
J	5	1	<b>173-5787</b>	4	SETSCREW (1/4-20 THD)						
AVAILABLE REPAIR KIT(S):											
J			<b>173-7035</b>	1	KIT-SLIDER BLOCK (SUSPENSION SEAT)						

J-KIT MARKED J INCLUDES PARTS MARKED J  
Y-SEPARATE ILLUSTRATION  
Z-NOT SERVICED SEPARATELY



GRAPHIC #1

<END>

g00610923

# OPERATOR STATION

## 8E-5113 WINDOW AS-SLIDING-RH

S/N: WDM1-UP  
PART OF 157-3737 CAB GP  
AN ATTACHMENT

SMCS-7310

i02029225

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE																							
			1	2	3	4	5	6 (PRODUCT LEVEL)																								
Y	6T-8402	1	W	I	N	D	O	W	G	P	-	C	A	B	(	R	H	)	(	R	H	)	(	S	L	I	D	I	N	G	)	653
			-OR-																													
Y	8E-3446	1	W	I	N	D	O	W	G	P	-	C	A	B	(	R	H	)	(	R	H	)	(	S	L	I	D	I	N	G	)	657
Y-SEPARATE ILLUSTRATION																																

<END>

## 8E-5114 WINDOW AS-SLIDING-LH

S/N: WDM1-UP  
PART OF 157-3737 CAB GP  
AN ATTACHMENT

SMCS-7310

i02029226

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE																							
			1	2	3	4	5	6 (PRODUCT LEVEL)																								
Y	6T-8403	1	W	I	N	D	O	W	G	P	-	C	A	B	(	L	H	)	(	L	H	)	(	S	L	I	D	I	N	G	)	654
			-OR-																													
Y	8E-3447	1	W	I	N	D	O	W	G	P	-	C	A	B	(	L	H	)	(	L	H	)	(	S	L	I	D	I	N	G	)	658
Y-SEPARATE ILLUSTRATION																																

<END>

# OPERATOR STATION

## 8Y-6456 WINDOW GP-CAB-REAR SLIDING

S/N: WDM1-UP

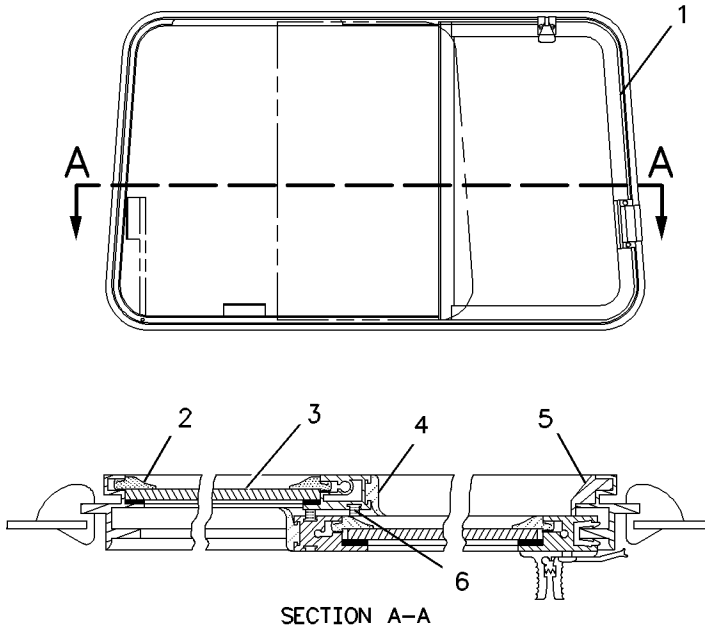
PART OF 157-3737 CAB GP  
AN ATTACHMENT

SMCS-7310

i01989134

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	8Y-6826	1	WINDOW GP-CAB (REAR)						663
BD	2	1	5P-5680		SEAL						
	3	1	8Y-6828	1	GLASS (TINTED) (CAB-REAR)						
BD	4	1	6V-5833		SEAL						
DB	5	1	8T-0687		FILLER						
BE	6	1	8Y-6839		SEAL						

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



GRAPHIC #1

<END>

g00834678

# SERVICE EQUIPMENT AND SUPPLIES

233-5248 PLATE & FILM GP (contd.)

i02255924

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	259-0605	1	FILM-WARNING (NO WELD)						
			ON FRONT RH CORNER OF ROPS ROLLOVER AS						

A-NOT PART OF THIS GROUP  
Y-SEPARATE ILLUSTRATION

<END>

# PART NUMBER INDEX

Part	Page	Part	Page	Part	Page	Part	Page
	607		216	5P-6011 . . . . .	146		289
	626		217	5P-6129 . . . . .	603		300
	630	5P-3119 . . . . .	290		607		304
	631	5P-3150 . . . . .	290	5P-6254 . . . . .	290		390
5P-1251 . . . . .	99	5P-3414 . . . . .	278	5P-6298 . . . . .	230		391
5P-1259 . . . . .	60	5P-3422 . . . . .	85		238		392
5P-1262 . . . . .	80	5P-3501 . . . . .	283	5P-6312 . . . . .	224		393
5P-1268 . . . . .	80	5P-3629 . . . . .	300	5P-6313 . . . . .	108		410
5P-1327 . . . . .	670	5P-4115 . . . . .	69		224	5P-8247 . . . . .	15
5P-1370 . . . . .	36		331	5P-6314 . . . . .	108		36
5P-1442 . . . . .	199		366		224		259
5P-1465 . . . . .	86		565	5P-6315 . . . . .	108		278
	94		594	5P-6438 . . . . .	261		456
	99		624	5P-6605 . . . . .	571	5P-8248 . . . . .	49
5P-1471 . . . . .	107		648		575		278
5P-1505 . . . . .	137		664	5P-6670 . . . . .	565	5P-8249 . . . . .	49
5P-1717 . . . . .	80	5P-4116 . . . . .	74		594		298
5P-1843 . . . . .	476		147	5P-6719 . . . . .	493		377
5P-1979 . . . . .	378		224	5P-6721 . . . . .	290	5P-8250 . . . . .	273
5P-2228 . . . . .	189		354	5P-6871 . . . . .	614		276
	198		355	5P-6874 . . . . .	613		542
	227		366	5P-6944 . . . . .	417		543
	284	5P-4295 . . . . .	454		456		544
	331	5P-4626 . . . . .	30	5P-6945 . . . . .	142		545
	334		32	5P-6994 . . . . .	196	5P-8356 . . . . .	22
	367	5P-4869 . . . . .	103	5P-7086 . . . . .	648	5P-8394 . . . . .	665
	399	5P-4939 . . . . .	149	5P-7211 . . . . .	571	5P-8429 . . . . .	36
	451	5P-4961 . . . . .	199		575	5P-8441 . . . . .	583
	469	5P-5297 . . . . .	300	5P-7213 . . . . .	307	5P-8445 . . . . .	597
	571		410	5P-7466 . . . . .	469	5P-8500 . . . . .	1
	575	5P-5405 . . . . .	302	5P-7467 . . . . .	469		7
	626	5P-5454 . . . . .	590	5P-7468 . . . . .	283		136
5P-2230 . . . . .	99	5P-5601 . . . . .	153	5P-7469 . . . . .	283		162
5P-2352 . . . . .	556	5P-5623 . . . . .	255	5P-7483 . . . . .	332		165
	557	5P-5630 . . . . .	108		334		261
	▶670	5P-5639 . . . . .	341	5P-7513 . . . . .	618		331
5P-2424 . . . . .	227	5P-5643 . . . . .	331	5P-7593 . . . . .	434		334
	267		334		436		341
	412		591	5P-7648 . . . . .	612		348
	579	5P-5672 . . . . .	583	5P-7705 . . . . .	331		367
5P-2546 . . . . .	382	5P-5673 . . . . .	565		334		425
	383	5P-5677 . . . . .	169		341	5P-8502 . . . . .	261
5P-2566 . . . . .	121		251		367	5P-8503 . . . . .	570
	124		255	5P-7803 . . . . .	570	5P-8522 . . . . .	208
	192	5P-5678 . . . . .	18	5P-7907 . . . . .	224	5P-8918 . . . . .	655
	199	5P-5680 . . . . .	653	5P-7911 . . . . .	272		656
	282		654		275		663
	304		655	5P-7957 . . . . .	195	5P-8998 . . . . .	259
	316		656		621	5P-9119 . . . . .	476
	329		662	5P-7958 . . . . .	195	5P-9132 . . . . .	585
	331		663	5P-8112 . . . . .	459	5P-9294 . . . . .	159
	334	5P-5755 . . . . .	591		469	5P-9297 . . . . .	147
	341		618	5P-8119 . . . . .	151		198
	367	5P-5824 . . . . .	590	5P-8167 . . . . .	281	5P-9299 . . . . .	79
	378	5P-5874 . . . . .	449		634		147
	579		450	5P-8244 . . . . .	62	5P-9504 . . . . .	278
5P-2618 . . . . .	121	5P-5901 . . . . .	256		476	5P-9519 . . . . .	259
	123	5P-5908 . . . . .	566	5P-8245 . . . . .	36		288
	124		583		39	5P-9617 . . . . .	476
5P-2675 . . . . .	412		595		42	5P-9658 . . . . .	269
	624	5P-5924 . . . . .	583		62	5P-9757 . . . . .	153
5P-2755 . . . . .	109	5P-5969 . . . . .	565		272	5P-9799 . . . . .	180
5P-2955 . . . . .	205		595		275	5P-9959 . . . . .	109
	213	5P-5991 . . . . .	137		278	5R-7755 . . . . .	236
	214	5P-6003 . . . . .	518		288		237

# PART NUMBER INDEX

Part	Page	Part	Page	Part	Page	Part	Page
	524		334		275		319
8T-4195 . . . . .	454		341		281		356
	461		362		283		358
	465		367		304		372
8T-4196 . . . . .	137		372		313	8T-5383 . . . . .	647
	434		379		314	8T-5391 . . . . .	354
	436		413		320		355
	439		451		321		366
	441		456		323	8T-5400 . . . . .	648
	461		465		324	8T-5439 . . . . .	162
	463		467		326		165
	465		469		327	8T-5460 . . . . .	546
8T-4200 . . . . .	251		481		331		548
8T-4205 . . . . .	69		571		334		550
	172		575		353	8T-5911 . . . . .	606
	174		579		362	8T-5912 . . . . .	82
	176		583		367		85
	230	8T-4224 . . . . .	126		412		209
	233		205		417		455
	238		213		422		602
	251		214		426		606
	256		216		428	8T-6342 . . . . .	245
	283		218		451	8T-6466 . . . . .	603
	386		484		456		607
	412		486		461	8T-6631 . . . . .	565
	565		488		467	8T-6639 . . . . .	136
	575		490		469	8T-6675 . . . . .	80
	583		589		481		93
	594		629		484	8T-6685 . . . . .	583
	601	8T-4226 . . . . .	348		493	8T-6745 . . . . .	434
	624		607		504		436
	627	8T-4244 . . . . .	465		514	8T-6757 . . . . .	19
	635	8T-4777 . . . . .	659		516		22
	637		661		579	8T-6761 . . . . .	14
	647	8T-4835 . . . . .	121		581		39
	648		178		603		43
8T-4222 . . . . .	587		180		607		82
8T-4223 . . . . .	8		262		614		86
	10		283		648		199
	30		379	8T-4943 . . . . .	591	8T-6762 . . . . .	26
	32		579	8T-4956 . . . . .	607		82
	74	8T-4895 . . . . .	607	8T-4983 . . . . .	198		86
	76	8T-4896 . . . . .	8	8T-4984 . . . . .	82		259
	121		10		86	8T-6763 . . . . .	22
	124		67	8T-4985 . . . . .	93	8T-6764 . . . . .	22
	137		69	8T-4994 . . . . .	272		26
	178		74		275		39
	180		80		331		80
	185		94		334		82
	189		99		356		86
	196		103		358		90
	198		107		367	8T-6765 . . . . .	39
	206		116		399		109
	211		121		451		111
	218		137		550	8T-6767 . . . . .	78
	227		185		632	8T-6871 . . . . .	348
	267		193	8T-4999 . . . . .	671		360
	272		196	8T-5004 . . . . .	366	8T-6907 . . . . .	199
	275		199	8T-5039 . . . . .	473	8T-7008 . . . . .	456
	281		224	8T-5353 . . . . .	130	8T-7338 . . . . .	555
	282		256	8T-5360 . . . . .	456	8T-7371 . . . . .	507
	304		261		469		508
	316		268		481		510
	329		270		665		511
	331		272	8T-5361 . . . . .	124	8T-7566 . . . . .	341

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