

Parts Manual



See "General Information"
for New Parts Manual
Features.

320D & 320D L Excavators

A6F1-Up (Machine)
A8F1-Up (Machine)
GDC1-Up (Engine)

Powered By C6.4 Engine

Product and Dealer Information

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

Delivery Date: _____

Product Information

Model: _____

Product Identification Number: _____

Engine Serial Number: _____

Transmission Serial Number: _____

Generator Serial Number: _____

Attachment Serial Numbers: _____

Attachment Information: _____

Customer Equipment Number: _____

Dealer Equipment Number: _____

Dealer Information

Name: _____ Branch: _____

Address: _____

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

Informations produit et concessionnaire

Nota: Voir l'emplacement de la plaque signalétique du produit au chapitre "Informations produit" du guide d'utilisation et d'entretien.

Date de livraison: _____

Informations produit

Modèle: _____

Numéro d'identification produit: _____

Numéro de série du moteur: _____

Numéro de série de la boîte de vitesses: _____

Numéro de série de l'alternateur: _____

Numéros de série d'équipement: _____

Informations sur l'équipement: _____

Numéro matériel client: _____

Numéro matériel concessionnaire: _____

Informations concessionnaire

Nom: _____ Agence: _____

Adresse: _____

Contact concessionnaire

Numéro de téléphone

Heures

Ventes: _____

Pièces: _____

Service: _____

Información del Producto/Distribuidor

Nota: Para saber la ubicación de las placas de identificación del producto, ver la sección “Información sobre identificación del producto” en el Manual de Operación y Mantenimiento.

Fecha de entrega: _____

Información del producto

Modelo: _____

Número de identificación del producto: _____

Número de serie del motor: _____

Número de serie de la transmisión: _____

Número de serie del generador: _____

Números de serie de los accesorios: _____

Información sobre los accesorios: _____

Número del equipo del cliente: _____

Número del equipo del distribuidor: _____

Información del distribuidor

Nombre: _____ Sucursal: _____

Dirección: _____

	<u>Comunicación con el distribuidor</u>	<u>Número de teléfono</u>	<u>Horas</u>
Ventas:	_____	_____	_____
Piezas:	_____	_____	_____
Servicio:	_____	_____	_____

Informações Sobre Produto e Revendedor

Nota: Para localizações da placa de identificação do produto, consulte a seção, “Informações Sobre Identificação do Produto” no Manual de Operação e Manutenção.

Data de Entrega: _____

Informações Sobre o Produto

Modelo: _____

Número de Identificação do Produto: _____

Número de Série do Motor: _____

Número de Série da Transmissão: _____

Número de Série do Gerador: _____

Números de Série de Acessórios: _____

Informações Sobre Acessórios: _____

Número do Equipamento do Cliente: _____

Número do Equipamento do Revendedor: _____

Informações Sobre o Revendedor

Nome: _____ Filial: _____

Endereço: _____

Contato do Revendedor

Telefone

Horas

Vendas: _____

Peças: _____

Serviço: _____

Produkt- und Händlerinformation

Anmerkung: Für die Lage der Produkt-Identnummer und Seriennummern siehe Abschnitt "Produkt-Identinformation" im Betriebs- und Wartungshandbuch.

Lieferdatum: _____

Produkt-Identinformation

Modell: _____

Produkt-Identnummer: _____

Seriennummer des Motors: _____

Seriennummer des Getriebes: _____

Seriennummer des Generators: _____

Seriennummern der Arbeitsgeräte: _____

Arbeitsgeräteinformation: _____

Kundennummer: _____

Händlernummer: _____

Händlerinformation

Name: _____ Niederlassung: _____

Adresse: _____

Kontaktperson beim Händler

Telefon

Dienststunden

Verkauf: _____

Ersatzteile: _____

Service: _____

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GENERAL INFORMATION

1. MACHINE IDENTIFICATION

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

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

New Feature

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

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

1 2 3 4

Where:

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

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

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

2. ORDERING PARTS

WARNING

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

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

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

3. PARTS MANUAL ORGANIZATION

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

4. TABLE OF CONTENTS

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

5. MAINTENANCE PARTS INDEX

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

GENERAL INFORMATION

6. INDEX

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

7. PART NUMBER INDEX

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

8. CAPTIONS

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

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

9. NON-SERVICED PARTS

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

10. PARTS LIST REFERENCE NUMBERS

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

11. INDENTED PART NAMES

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

12. ILLUSTRATION REFERENCE LETTERS

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

13. ABBREVIATIONS AND SYMBOLS

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



New Feature

14. DESCRIPTION OF TYPE CHANGES

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

15.<END>

This symbol indicates the end of an information element.

NOTE:

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

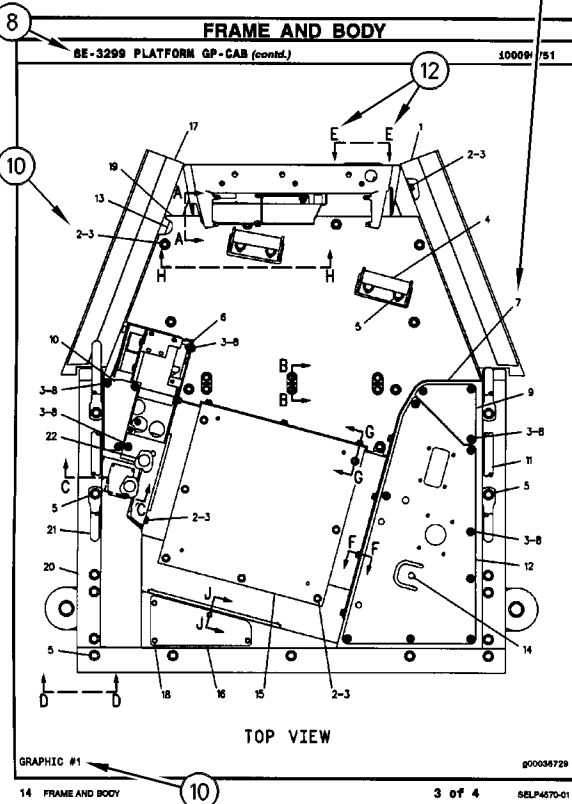
GENERAL INFORMATION

FRAME AND BODY					
8E-3299 PLATFORM GP-CAB					
PIN 38X1-00000					
100000751					
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME
	1		37-2002	1	PLATE AS
	2		8E-3299	25	BOLT (3/4-18X.750IN)
	3		8E-1078	41	WASHER-HARD (3MM THK)
	4		8E-1444	2	SUPPORT AS-FOOT
	5		8E-2229	19	BOLT (1/2-13X1IN)
	6		8E-8126	1	COVER AS-LH
	7		8E-8973	6	NUT-WELD (3/8-16 THD)
	8		17-8183	4	CLIP
	9		8E-3411	4	COVER
	10		8E-0488	18	SCREW-HEAD (3/8-18X.875IN)
	11		8E-0474	1	COVER
	12		8E-0572	1	GASKET
	13		8E-3248	1	COVER
	14		8E-2880	1	GASKET
	15		37-3496	1	HANDHOLD
	16		8E-8973	1	COVER AS
	17		8E-8973	8	NUT-WELD (3/8-16 THD)
	18		8E-8973	1	GASKET
	19		77-0131	1	FLOORPLATE AS
	20		17-0748	4	NUT-WELD (1/2-13 THD)
	21		77-8087	1	PLUS-BUTTON
	22		77-0136	1	PLATE AS
	23		8E-8973	5	NUT-WELD (3/8-16 THD)
	24		77-8089	1	COVER
	25		77-0770	1	GASKET
	26		37-2081	1	PLATE AS
	27		8E-8484	4	BOLT (1/4-20X.825IN)
	28		8E-8484	4	WASHER-HARD (2MM THK)
	29		8E-8484	1	FLOOR MAT
	30		8E-8484	1	MODULE AS-OPERATOR
	31		37-3496	1	HANDHOLD
	32		8E-8973	2	PLUS
	33		8E-8484	4	BOLT (1/4-20X.825IN)
	34		8E-8484	4	WASHER-HARD (2MM THK)
	35		8E-8973	17	BOLT (3/8-18X.750IN)
	36		8E-1078	21	WASHER-HARD (3MM THK)
	37		77-0136	1	SEAL
	38		7E-0378	2	BOLT (3/4-10X5IN)
	39		7E-0382	2	WASHER-HARD (6MM THK)
	40		37-3496	2	PLATE
	41		37-3280	1	PLATE AS
	42		7E-0388	8	SPACER
	43		37-3281	1	SEAL
	44		7E-0317	1	GASKET
	45		7E-0318	1	COVER AS
	46		2E-8273	2	WASHER
	47		8E-8928	2	SCREW-KOBBLED
	48		8E-3428	1	COVER
	49		8E-8987	1	COVER
	50		8E-0021	8	SCREW-ROCKET HEAD
	51		8E-3148	8	MOUNTING
	52		8E-8987	2	PLATE
	53		7E-0389	2	BOLT (7/8-9X5IN)
	54		7E-0373	2	WASHER-HARD
	55		4E-8484	4	BOLT (3/8-18X1.02IN)
	56		37-6783	1	COVER

12 FRAME AND BODY

1 OF 4

SELF 170-01



14 FRAME AND BODY

3 OF 4

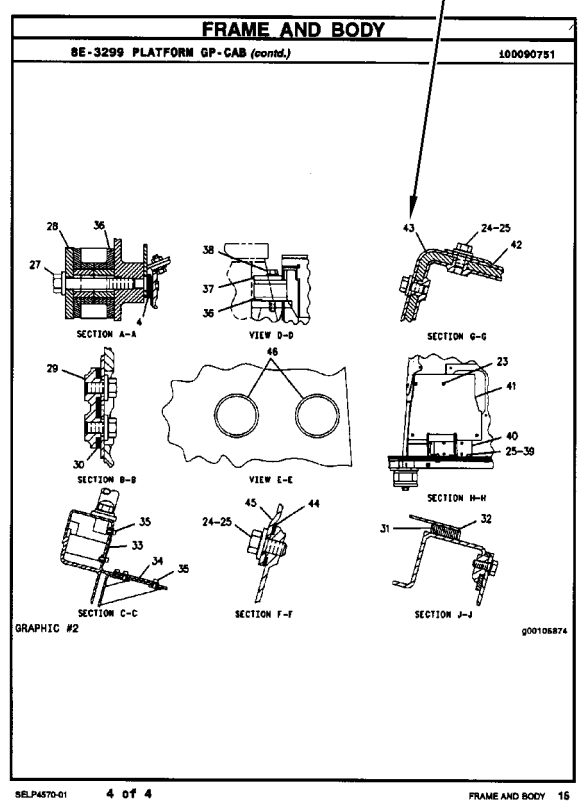
SELF 170-01

FRAME AND BODY					
8E-3299 PLATFORM GP-CAB (contd.)					
100000751					
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME
	41		8E-8816	1	COVER
	42		77-0134	1	PLATE
	43		77-0139	1	GASKET
	44		7E-8724	1	GASKET
	45		7E-8723	1	COVER
	46		8E-1002	2	PLUS-BUTTON
M-METRIC PART					

SELF 170-01

2 OF 4

FRAME AND BODY 13



SELF 170-01

4 OF 4

FRAME AND BODY 15

GÉNÉRALITÉS

1. IDENTIFICATION DE LA MACHINE

Toutes les machines Caterpillar portent un numéro d'identification (PIN). Certains composants des machines peuvent porter des numéros de série (S/N). En général, parmi les composants qui portent des numéros de série il y a les moteurs, les transmissions, les bulldozers et les rippers. En plus, la machine et le moteur peuvent recevoir des numéros de version, et dans certains cas, de modification. Ces numéros figurent sur les plaques de numéro de série et sur la plaque signalétique principale qui se trouve dans le poste de conduite.

Les concessionnaires Caterpillar doivent connaître tous ces numéros pour identifier correctement les pièces.



Nouvelle Caractéristique

À partir du premier trimestre 2001, le numéro d'identification produit (PIN) Caterpillar passe de 8 à 17 caractères. Afin de permettre une identification uniforme des matériels, Caterpillar et d'autres constructeurs de machines de travaux publics s'efforcent de se conformer à la norme la plus récente portant sur les numéros d'identification des produits. Les numéros d'identification (PIN) de machines de chantier sont définis par la norme ISO 10261. Le nouveau format du numéro d'identification est valable pour toutes les machines et tous les groupes électrogènes Caterpillar. Le numéro d'identification produit (PIN) figurant sur la plaque et sur le châssis se composera de 17 caractères. Le nouveau format ressemblera à ceci:

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

1 2 3 4

Il se décomposera de la façon suivante:

1. Code international de fabrication de Caterpillar (caractères 1 à 3)
2. Descriptif de la machine (caractères 4 à 8)
3. Contrôle (caractère 9)
4. Indicateur machine (MIS) ou numéro de séquence produit (caractères 10 à 17). Ceux-ci étaient auparavant désignés sous le terme de numéro de série.

Les machines et les groupes électrogènes construits avant le premier trimestre 2001 garderont le format à 8 caractères du numéro d'identification produit (PIN).

Les organes tels que les moteurs, les boîtes de vitesses, les essieux, etc., continueront d'être désignés par un numéro de série (S/N) à 8 caractères.

2. COMMANDE DE PIÈCES



DANGER

Lorsqu'il faut remplacer des pièces de rechange pour ce produit Caterpillar recommande d'utiliser les pièces de rechange Caterpillar ou les pièces qui ont des spécifications équivalentes dont les dimensions physiques, le type, la force et le matériau. Ces équivalences ne se limitent pas à l'énoncé précédent.

L'inobservation de cette mise en garde peut entraîner des défaillances prématurées, des dommages au produit, des blessures ou même la mort.

Les concessionnaires Caterpillar fournissent dans le monde entier des pièces de rechange de qualité Caterpillar. Leurs stocks de pièces sont constamment réapprovisionnés et comptent toutes les pièces nécessaires pour assurer la bonne marche de vos machines Caterpillar. Certains concessionnaires proposent également des kits de réparation ou des pièces rénovées, ce qui permet de choisir la solution la plus économique dans une situation donnée. Lors des commandes de pièces, mentionner la quantité, le numéro et la désignation des pièces ainsi que le numéro de série ou le numéro d'identification (PIN) de la machine pour laquelle ces pièces sont requises.

3. ORGANISATION DU CATALOGUE DE PIÈCES

Les renseignements sur les produits sont présentés sous forme de "Information element" (élément d'information) représentant tous les composants d'un modèle donné. "Engine Arrangement" (version de moteur) et "Seat Group" (assemblage de siège) sont des exemples d'éléments d'information. Les éléments d'information sont classés par ordre alphabétique par la désignation standard des pièces et par numéros de pièces dans chaque partie importante du manuel.

4. TABLE DES MATIÈRES

Nouvelle Caractéristique

La table des matières se trouve au début du manuel. La table des matières fournit la liste de tous les chapitres du manuel avec une liste complète de tous les éléments d'information classés par ordre d'apparition dans le manuel. Les numéros de page sont fournis afin que l'utilisateur puisse trouver rapidement les illustrations détaillées concernant l'identification des pièces et les listes des pièces d'entretien.

5. INDEX DES PIÈCES D'ENTRETIEN

La rubrique "Index des pièces d'entretien" qui se trouve au début du manuel renvoie aux pièces d'entretien les plus fréquemment utilisées en précisant la désignation, la quantité, là où la pièce est utilisée et le numéro de page. Ces pièces sont classés par ordre alphabétique.

6. INDEX

L'index qui se trouve vers le début du manuel est une liste alphabétique de tous les éléments d'information du manuel. Les numéros de page sont fournis afin que l'utilisateur puisse trouver rapidement les illustrations détaillées concernant l'identification des pièces et les listes des pièces d'entretien.

7. INDEX DES NUMÉROS DE PIÈCES

Une liste numérique de tous les numéros de pièces et des pages correspondantes se trouve à la fin du manuel.

8. LÉGENDES

Les légendes qui se trouvent en haut de chaque page de chaque élément d'information fournissent le numéro de pièce, la désignation ainsi que des renseignements supplémentaires sur les pièces. Les renseignements concernant les numéros de série (S/N) qui se trouvent dans chaque légende doivent être utilisés pour sélectionner les informations correctes pour un moteur donné. Les informations concernant les options de remplacement sur le chantier, l'identification des composants des équipements offerts en option et les lieux d'application sont aussi fournies.

Nouvelle Caractéristique

Les lettres de la première ligne d'une légende sont présentées en police plus grande afin d'indiquer le début d'une unité d'information. Les légendes qui pourraient être requises pour des pages supplémentaires afin d'illustrer une unité d'information seront présentées en police standard et comprendront le terme (à suivre).

9. PIÈCES NON FOURNIES

Nouvelle Caractéristique

Dans certains cas, il est nécessaire d'indiquer les pièces non fournies qui sont en aval de la liste des pièces d'entretien. Les numéros des pièces non fournies dans la liste des pièces et les légendes seront en italique pour signaler qu'ils ne sont pas disponibles.

10. NUMÉROS DE RÉFÉRENCE DE LA LISTE DES PIÈCES

Nouvelle Caractéristique

Les numéros indiqués dans la colonne des numéros de références correspondent aux numéros utilisés dans les illustrations auxquelles ils sont associés. Un suffixe alphabétique peut être ajouté à un numéro de référence pour identifier la liste des articles en aval. Les numéros indiqués dans la colonne de référence de l'illustration renvoient à l'identification du numéro affiché dans le coin inférieur gauche de chaque illustration. Le numéro de référence de l'illustration pourrait être utilisé avec le numéro de référence de l'article pour déterminer le numéro de pièce correct. Il peut y avoir une omission intentionnelle d'un numéro de référence dans une liste de pièces suite à la mise à jour des informations en vue de refléter les numéros de pièces les plus récentes.

11. DÉSIGNATIONS DE PIÈCES EN RETRAIT

Lorsqu'une désignation de pièce est en retrait, cela veut dire que l'article en regard fait partie de l'ensemble sous lequel il figure.

12. LETTRES DE RÉFÉRENCE DES ILLUSTRATIONS

Quand cela est nécessaire, les illustrations comportent des lettres de référence (A, B, C, etc.) pour montrer le trajet des canalisations et faisceaux de câbles d'un point à l'autre. Elles sont utilisées également pour indiquer où relier les illustrations séparées auparavant.

13. ABRÉVIATIONS ET SYMBOLES

- O.D.** – Diamètre extérieur
- I.D.** – Diamètre intérieur
- A** – Ne fait pas partie de ce groupe
- B** – Utiliser selon besoin
- C** – Modification
- D** – Commander par mètre
- E** – Commander par centimètre
- F** – Non représenté
- G** – Commander par pouce
- I** – Voir "Hydraulic Information System"
- M** – Pièce métrique
- R** – Pièce rénovée éventuellement disponible
- Y** – Illustration séparée
- Z** – Non fourni séparément

NOTA:

En raison du progrès technique et des améliorations continues apportées au matériel, votre machine comporte peut-être des modifications qui n'apparaissent pas dans la présente publication. En cas de doute sur un détail de votre machine Caterpillar ou sur le texte de la présente publication, adressez-vous à votre concessionnaire Caterpillar.

GÉNÉRALITÉS

8

FRAME AND BODY

8E-3209 PLATFORM GP-CAB

PIN 58K1-00000

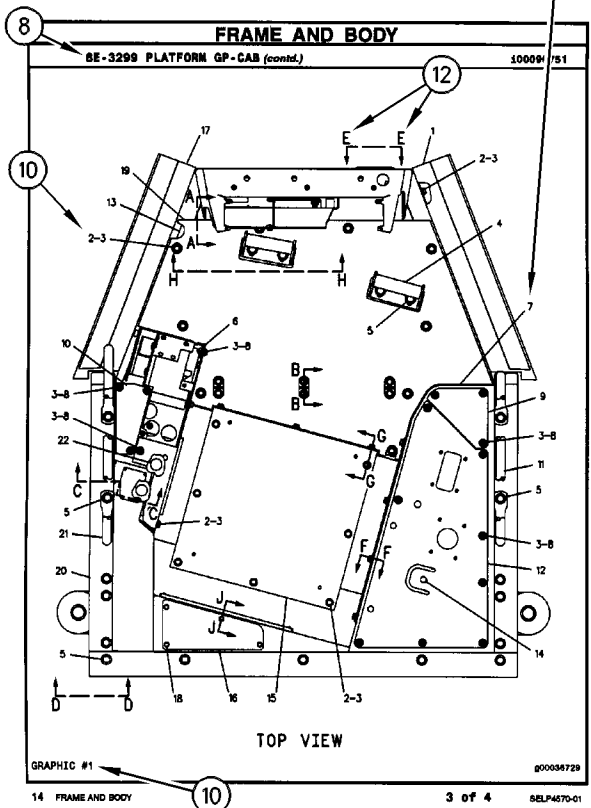
1

6MCS-7253

100090751

NOTE	REF NO	GRAPHIC REF	PART NAME	QTY	PART NAME	QTY	UNIT	PRODUCT/REV	SIZE	PAGE
			ST-2062	1	PLATE	1				
			8E-3002	25	BOLT (3/8-16X.750IN)	25				
			8E-1076	41	WASHER-HARD (3MM THK)	41				
			8E-1444	2	SUPPORT AS FOOT	2				
			8E-1029	19	BOLT (1/2-13X1.13)	19				
			8E-1074	19	WASHER-HARD (4MM THK)	19				
			8E-6130	1	COVER AS-LH	1				
			8E-2073	8	MUT-WELD (3/8-16 THD)	8				
			1F-9189	1	CLIP	1				
			7E-3511	4	COVER	4				
			8E-0480	10	SCREW-HEAD (3/8-16X.875IN)	10				
			8E-4074	1	COVER	1				
			8E-3912	1	GASKET	1				
			8E-3240	1	GASKET	1				
			8E-2380	1	GASKET	1				
			8E-3036	1	HANDHOLD	1				
			8E-8078	1	COVER AS	1				
			8E-2073	8	MUT-WELD (3/8-16 THD)	8				
			8E-2073	1	GASKET	1				
			7E-0131	1	FLOORPLATE AS	1				
			1F-0748	4	MUT-WELD (1/2-13 THD)	4				
			7E-0087	1	FLUR-BUTTON	1				
			7E-0130	1	PLATE AS	1				
			8E-1076	6	MUT-WELD (3/8-16 THD)	6				
			7E-0096	1	COVER	1				
			7E-0079	1	GASKET	1				
			8E-1081	1	PLATE AS	1				
			8E-0484	4	BOLT (1/4-20X.625IN)	4				
			8E-4306	4	FLANGE AS	4				
			8E-0484	1	FLANGE AS	1				
			8E-0484	1	MODULE AS-OPERATOR	1				
			2T-3034	1	HANDHOLD	1				
			8E-0071	2	FLUR	2				
			8E-1084	4	BOLT (1/4-20X.625IN)	4				
			8E-4306	4	WASHER-HARD (2MM THK)	4				
			8E-2062	17	BOLT (3/8-16X.750IN)	17				
			8E-1076	21	WASHER-HARD (3MM THK)	21				
			7E-0130	1	SEAL	1				
			7E-0078	2	BOLT (3/4-10X5IN)	2				
			7E-0082	2	WASHER-HARD (5MM THK)	2				
			2T-2482	2	PLATE AS	2				
			2T-5290	1	PLATE AS	1				
			7E-0088	6	SPACER	6				
			2T-5281	1	SEAL	1				
			7E-0017	1	GASKET	1				
			7E-0016	1	COVER AS	1				
			2E-2276	2	WASHER	2				
			8E-0029	2	SCREW-KNURL CD	2				
			8E-3450	1	COVER	1				
			8E-0097	1	COVER	1				
			8E-2061	6	SCREW-ROCKET HEAD	6				
			8E-3142	8	WELTING	8				
			8E-0027	2	PLATE	2				
			7E-0090	2	BOLT (7/8-8X5IN)	2				
			7E-0072	2	WASHER-HARD	2				
			8E-0484	4	BOLT (3/8-16X1.03IN)	4				
			2T-5288	1	COVER	1				

SELF 170-01



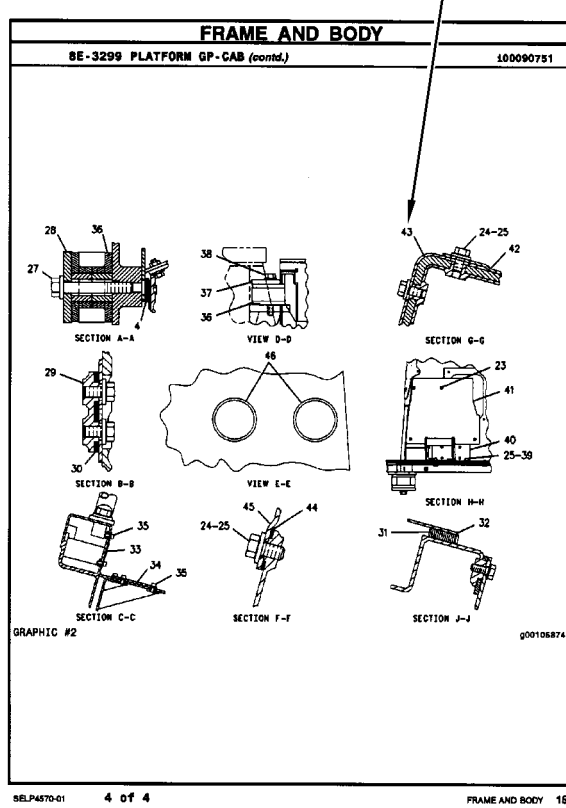
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8E-3298 PLATFORM GP-CAB (contd.)							100090751
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	PRODUCT LEVEL	REV PAGE
	41	2	8E-32118	1	COVER		
	42	2	77-0134	1	PLATE		
	43	2	77-0138	1	GASKET		
	44	2	78-8724	1	GASKET		
	45	2	78-8723	1	COVER		
	46	0	8Y-1950	2	PLUG-BUTTON		

H-METRIC PART

10

FRAME AND BODY 13



FRAME AND BODY 16

INFORMACIÓN GENERAL

1. MÁQUINAS

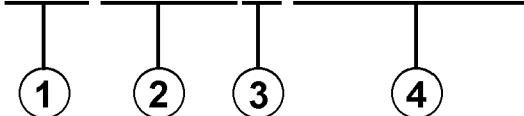
Las máquinas Caterpillar se identifican con Números de Identificación del Producto (PIN). Algunos componentes incluidos en la máquina pueden estar identificados con Números de Serie (N/S). Los componentes que tienen típicamente esta identificación incluyen motores, transmisiones, hojas topadoras y desgarradores. La máquina y el motor se identifican además con Números de Configuración y en algunos casos, Números de Modificación. Estos números están en las placas de identificación del producto o en la placa principal en la cabina del operador.

Los distribuidores Caterpillar necesitan estos números para identificar con exactitud los números de piezas de repuesto.

Nueva Característica

A partir del primer trimestre del 2001, el Número de Identificación de Producto (PIN) de Caterpillar cambió de 8 a 17 caracteres. Para hacer más uniforme el método de identificación de equipos, Caterpillar y otros fabricantes de equipo de construcción han tomado medidas para cumplir con la versión más reciente de la norma de numeración de identificación de productos. Los Números de Identificación de Producto para máquinas que no se operan en carreteras son definidos por la norma ISO 10261. El nuevo formato PIN corresponderá a todas las máquinas y grupos electrógenos Caterpillar. Las placas y los caracteres PIN estampados en el bastidor mostrarán el PIN de 17 caracteres. El nuevo formato tendrá la apariencia siguiente:

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



The diagram shows the 17-character PIN: * C A T 0 7 8 9 B G 6 S L 1 2 3 4 5 *. Brackets are placed under the characters to group them into four categories, numbered 1 through 4 in circles below. Group 1 includes the first three characters (C, A, T). Group 2 includes the next five characters (0, 7, 8, 9, B). Group 3 includes the next three characters (G, 6, S). Group 4 includes the final five characters (L, 1, 2, 3, 4).

Significado de los caracteres:

1. Código de Fabricación Mundial de Caterpillar (caracteres 1-3)
2. Sección Descriptor de la Máquina (caracteres 4-8)
3. Carácter de Verificación (carácter 9)

4. Sección Indicador de la Máquina (MIS) o Número de Secuencia de Producto (caracteres 10-17). Anteriormente, estos caracteres constituían el Número de Serie.

Las máquinas y grupos electrógenos producidos antes del primer semestre del 2001 mantendrán su formato PIN de 8 caracteres.

Los componentes como motores, transmisiones, ejes, herramientas de trabajo, etc., continuarán usando un Número de Serie (S/N) de 8 caracteres.

2. COMO PEDIR REPUESTOS

ADVERTENCIA

Cuando se necesiten piezas de repuesto para este producto, Caterpillar recomienda usar piezas de repuesto Caterpillar o piezas que tengan especificaciones equivalentes incluyendo, pero sin estar limitadas a, dimensiones físicas, tipo, fortaleza y material.

El no hacer caso de esta advertencia puede llevar a fallas prematuras, daños al producto y lesiones graves o mortales.

Las piezas de repuesto Caterpillar de calidad están a la disposición de los distribuidores Caterpillar en todo el mundo. Sus existencias actualizadas incluyen todas las piezas normalmente requeridas para proteger su inversión en máquinas Caterpillar. Los distribuidores pueden tener juegos de reparación o piezas remanufacturadas para permitir la selección de la mejor alternativa de reparación en un caso en particular. Al pedir piezas de repuesto, especifique en su pedido la cantidad, el número de pieza, el nombre de la pieza y el número de serie/número de identificación del producto, de la máquina para la cual se necesitan estas piezas.

3. ORGANIZACION DEL MANUAL DE PIEZAS

La información sobre el producto, se presenta en este manual, como "elementos de información" que representan todos los componentes de un modelo específico. Las configuraciones de motores y los grupos de asientos son ejemplos de elementos de información. Los elementos de información están organizados primeramente por nombres de piezas en orden alfabético y en segundo lugar, por el número de pieza dentro de cada sección principal del manual.

INFORMACIÓN GENERAL

4. CONTENIDO

La página de Contenido se encuentra al principio del manual. El Contenido indica cada sección del manual con una lista completa de todos los elementos de información organizados en el orden que aparecen en el manual. Los números de página proporcionan una referencia rápida a las ilustraciones detalladas de identificación de piezas y a las listas de componentes de repuesto de dichas piezas.

5. ÍNDICE DE PIEZAS DE MANTENIMIENTO

Al principio de este catálogo se encuentra un índice de los números de piezas utilizadas más frecuentemente para el mantenimiento, que incluye descripción, cantidad necesaria, lugar de utilización y número de página. Esta información está organizada alfabéticamente, por descripción de la pieza.

6. ÍNDICE

El Índice, ubicado cerca del principio del manual, es una lista en orden alfabético de todos los elementos de información incluidos en el manual. Los números de página proporcionan una referencia rápida a las ilustraciones detalladas de identificación de piezas y a las listas de componentes de repuesto de dichas piezas.

7. INDICE NUMÉRICO DE PIEZAS

Un índice numérico de piezas con el correspondiente número de página aparece al final de este catálogo.

8. TÍTULOS

Los títulos ubicados al principio de cada elemento de información identifican el número y el nombre de la pieza junto con información descriptiva. Se debe usar información sobre los Números de Identificación de Pieza (PIN) y los números de serie (S/N) para seleccionar la información que corresponda a una máquina en particular. También se suministra información sobre las opciones de reparación en el campo, la identificación de componentes de accesorios optativos y el lugar de ubicación de la pieza ("es parte de").

La primera línea del título se muestra con un tipo de letra más grande para indicar el comienzo de un elemento de información. Si se requieren páginas adicionales para ilustrar un elemento de información, los títulos se muestran con un tipo de letra normal y la continuación se indica entre paréntesis.

9. PIEZAS QUE NO SE SUMINISTRAN COMO REPUESTO

En algunos casos es necesario indicar piezas que no se suministran como repuesto pero que pueden estar conectadas a listas de componentes de otras piezas de repuesto. En tal caso, dichas piezas se muestran en cursiva para indicar que no son piezas disponibles.

10. NÚMEROS DE REFERENCIA

Los números en la columna de No. de Referencia corresponden a los números indicados en la ilustración que pertenece a ese número de pieza. Los números que tienen un sufijo alfabético identifican artículos de las listas de componentes de piezas. Los números en la columna de Referencia de la ilustración se identifican en la esquina inferior izquierda de cada ilustración. Para determinar el número de pieza correcto se puede utilizar tanto el No. de Referencia de la ilustración como el No. de Referencia del artículo. A medida que se actualiza la información para indicar los más recientes números de piezas de repuesto, puede omitirse intencionalmente un No. de Referencia en una lista de componentes de piezas.

11. NOMBRES DE PIEZA SANGRADOS

Cuando el nombre de una pieza está sangrado en una lista, significa que esta pieza forma parte del grupo o conjunto del renglón inmediatamente superior.

12. LETRAS DE REFERENCIA DE ILUSTRACIONES

Las ilustraciones contienen algunas veces letras de referencia (A, B, C etc.) cuyo propósito es seguir el trayecto de líneas y mazos de cables de un punto a otro. También se utilizan para mostrar dónde volver a unir ilustraciones que se habían separado.

INFORMACIÓN GENERAL

13. ABREVIATURAS Y SIMBOLOS

O.D. – Diámetro exterior

I.D. – Diámetro interior

A – No es pieza de este grupo

B – Utilizado según la demanda

C – Indica cambio

D – Se pide por metro

E – Se pide por centímetro

F – No se muestra

G – Se pide por pulgada

I – Consulte el sistema de información hidráulica

M – Pieza métrica

R – Puede estar disponible como pieza remanufacturada

Y – Ilustración separada

Z – No se suministra por separado



Nueva Característica

14. DESCRIPCIÓN DE LOS CAMBIOS DE TIPO

Tipo – Un tipo se define como cualquier cambio de configuración que requiere un Elemento de información adicional de una Configuración, Grupo o Conjunto. Si el número de serie se clasifica por tipos que no están disponibles, se mostrará un número de tipo (Tipo 1, Tipo 2, etc.) en el comentario de la fotografía. Estos cambios de "tipo" se identifican con una nota "C" (cambio con respecto al tipo anterior) en la Lista de Piezas. Se incluirían sólo los "tipos" que aplican a este Manual de Piezas. Es posible que haya tipos adicionales que causen la aparición de notas "C" en el Elemento de Información cuando no se muestran otros tipos."

15.<END>

Este símbolo indica el final de un elemento de información.

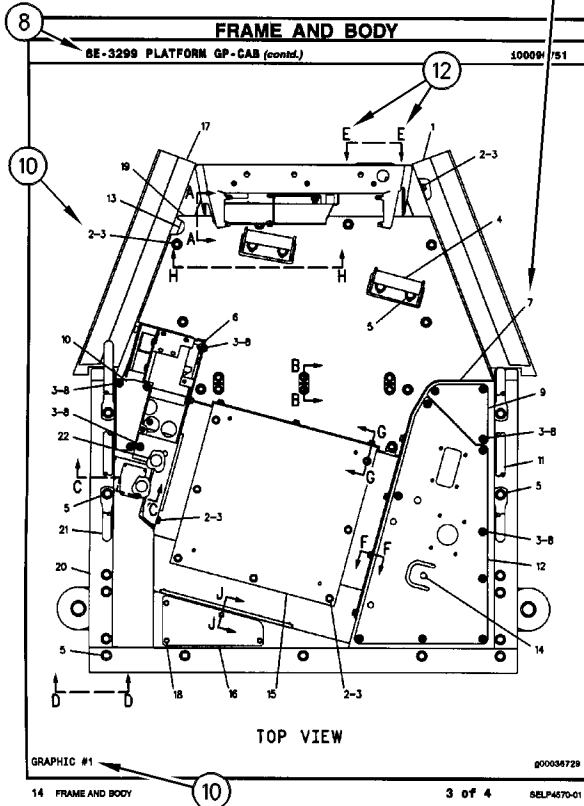
NOTA:

Las continuas mejoras y adelantos en diseño podrían originar cambios a su máquina que no se incluyen en esta publicación. Cuando tenga alguna pregunta acerca de su producto Caterpillar o de esta publicación, consulte al distribuidor Caterpillar para obtener la información más reciente.

INFORMACIÓN GENERAL

8		FRAME AND BODY				1
		8E-3209 PLATFORM GP-CAB				
		PIN 58K1-00000				
8MCS-7253						100090751
NOTE	REF NO	GRAPHIC REF	PART NAME	QTY	PART NAME	USE FROM
	1	ST-3062	PLATE AS	1	PRODUCT/WORK	
	2	8E-3062	BOLT (3/8-16X.750IN)	25		
	3	8E-1075	1 WASHER-HARD (3MM THK)	1		
	4	8E-1464	2 SUPPORT-FOOT	2		
	5	8E-2220	10 BOLT (1/2-13X1.75IN)	10		
	6	8E-1130	10 WASHER-HARD (4MM THK)	10		
	8	8E-0130	COVER AS-LVL	1		
	9	8E-2073	MUT-MELD (3/8-16 THD)	1		
	10	1P-0130	CLIP	1		
	7	1E-2411	4 COVER	4		
	8	8E-0488	10 SCREW-HEAD (3/8-16X.675IN)	10		
	9	1E-0474	COVER	1		
	10	8E-0972	GASKET	1		
	11	8E-2349	GASKET	1		
	12	8E-2350	GASKET	1		
	13	8E-2330	HANDHOLD	1		
	14	8E-0078	1 COVER AS	1		
	15	8E-0078	MUT-MELD (3/8-16 THD)	8		
	16	8E-0078	GASKET	1		
	17	7T-0131	FLOORPLATE AS	1		
	18	1F-0748	4 MUT-MELD (1/2-13 THD)	4		
	19	7P-0067	1 PUSH-BUTTON	1		
	20	7T-0130	PLATE AS	1		
	21	0P-0078	5 MUT-MELD (3/8-16 THD)	5		
	22	7T-0096	1 COVER	1		
	23	7T-0079	GASKET	1		
	24	8T-2081	1 PLATE AS	1		
	25	8T-0284	4 BOLT (1/4-20X.655IN)	4		
	26	8T-0305	4 FLOOR MAT (3MM THK)	4		
	27	8E-0846	1 FLOOR MAT (3MM THK)	1		
	28	8E-0846	1 MODUL AS-OPERATOR	1		
	29	2T-2034	1 HANDHOLD	1		
	30	9P-0071	2 PLUG	2		
	31	8T-0304	4 BOLT (1/4-20X.625IN)	4		
	32	8E-1236	4 WASHER-HARD (2MM THK)	4		
	33	8E-2062	17 BOLT (3/8-16X.750IN)	17		
	34	8E-1075	21 WASHER-HARD (3MM THK)	21		
	35	7T-0130	SEAL	1		
	36	7X-0078	2 BOLT (3/4-10X5IN)	2		
	37	7X-0082	2 WASHER-HARD (5MM THK)	2		
	38	2T-2462	2 PLATE	2		
	39	2T-0390	1 PLATE AS	1		
	40	7E-0028	6 SPACER	6		
	41	2T-0351	1 SEAL	1		
	42	7E-0017	GASKET	1		
	43	7E-0016	1 COVER AS	1		
	44	2E-2276	2 WASHER	2		
	45	8E-0029	2 SCREW-KNURL ED	2		
	46	0E-3430	1 COVER	1		
	47	8E-0097	1 COVER	1		
	48	0E-2051	5 SCREW-ROCKET HEAD	5		
	49	2E-2142	8 WELDING	8		
	50	0E-0027	2 PLATE	2		
	51	7X-0090	2 BOLT (7/8-8X5IN)	2		
	52	7X-0072	2 WASHER-HARD	2		
	53	8E-0464	2 BOLT (3/8-16X1.02IN)	2		
	54	2T-0788	1 COVER	1		

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FRAME AND BODY

8E-3298 PLATFORM GP-CAB (contd.)

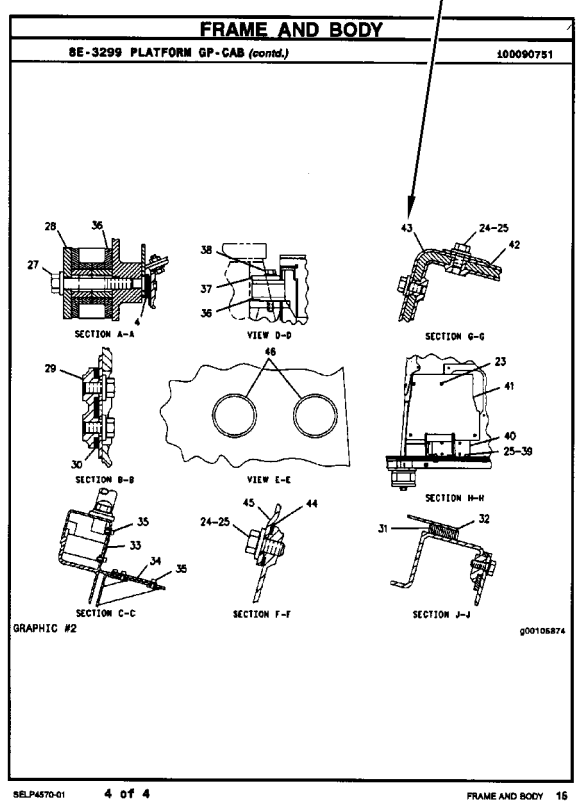
100000751

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 PRODUCT LEVEL	SEE PAGE
	41	2	8E-2518	1	COVER	
	42	2	7T-0134	1	PLATE	
	43	2	7T-0138	1	GASKET	
	44	2	7B-8724	1	GASKET	
	45	2	7B-8723	1	COVER	
	46	2	8V-1959	2	PLUG-BUTTON	

W-METRIC PART

10

FRAME AND BODY 13



FRAME AND BODY 16

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.

INFORMAÇÃO GERAL

5. ÍNDICE DE PEÇAS DE MANUTENÇÃO

O Índice de Peças de Manutenção, localizado perto do princípio do manual, faz referência aos números de peça de manutenção usados com maior frequência, fornecendo uma descrição, a quantidade, o uso e o número de página. Esta informação é organizada com a descrição da peça em ordem alfabética.

6. ÍNDICE

O Índice localizado perto do princípio do manual, consiste de uma lista em ordem alfabética de todos os elementos de informação incluídos 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.

7. ÍNDICE DE NÚMERO DE PEÇA

Um índice numérico relacionando todos os números de peça e a(s) página(s) correspondentes, aparece no final do manual.

8. LEGENDAS

As legendas localizadas no início de cada elemento de informação identificam o número e o nome de peça, juntamente com informação descritiva adicional. Informações sobre o Número de Informação do Produto (PIN) e o Número de Série (S/N) encontradas em cada legenda devem ser usadas para selecionar a informação correta sobre uma máquina específica. Opções de substituição no campo, identificação de componentes de acessórios opcionais e informações sobre onde são utilizados ("parte de") são também fornecidas.

A primeira linha de uma legenda é indicada em tipo maior para indicar o princípio de um elemento de informação. Legendas para páginas adicionais que podem ser necessárias para ilustrar um elemento de informação serão apresentadas em tipo padrão e incluirão o termo (*continua*) .

9. NÃO DISPONÍVEL SEPARADAMENTE

Em alguns casos, é necessário mostrar peças não disponíveis separadamente que têm uma ligação com listas de conteúdos de nível inferior que podem receber serviço de manutenção. Os números de peça destes componentes não disponíveis aparecerão em *itálico* , a fim de indicar que não estão disponíveis.

10. NÚMEROS DE REFERÊNCIA À LISTA DE PEÇAS

Os números indicados na coluna Ref No (No. de Referência) correspondem-se aos números usados no(s) gráfico(s) correspondente(s). Um sufixo com letras pode ser acrescentado a um número de referência para identificar itens de conteúdo de nível inferior. Os números indicados na coluna Graphic Ref (Referência de Gráfico) referem-se ao identificador de número de gráfico presente no canto esquerdo inferior de cada ilustração. O número de Referência de Gráfico pode ser usado em combinação com o item Ref No para determinar-se o número de peça correto. Poderá haver omissão intencional de um número de referência (Ref No) de uma lista de conteúdos uma vez que as informações são atualizadas para refletir os números de peça mais recentes que podem receber serviço de manutenção.

11. NOMES DE PEÇAS DESALINHADOS

Quando um nome de peça encontra-se desalinhado numa lista de peças, significa que tal item faz parte do (está incluído no) grupo ou conjunto sob o qual está relacionado.

12. LETRAS DE REFERÊNCIA NAS ILUSTRAÇÕES

Quando necessário, as ilustrações contêm letras de referência (A, B, C, etc.) que são utilizadas para seguir tubulações e cabos elétricos de um ponto a outro. Também foram utilizadas para indicar onde se pode reconectar as ilustrações que foram separadas.

13. ABREVIações E SÍMBOLOS

O.D. – "Outside Diameter" (Diâmetro Externo)

I.D. – "Inside Diameter" (Diâmetro Interno)

A – Não faz parte deste grupo

B – Use conforme necessário

C – Indica modificação

D – Vendido por metro

E – Vendido por centímetro

F – Não ilustrado

G – Vendido por polegada

I – Consultar o Sistema de Informações Hidráulicas

M – Peça métrica

R – Peça remanufaturada pode estar disponível; consulte o seu revendedor Cat

Y – Ilustração separada

Z – Não disponível separadamente



Novidades

14. <END>

Este símbolo indica o final de um elemento de informação.

INFORMAÇÃO GERAL

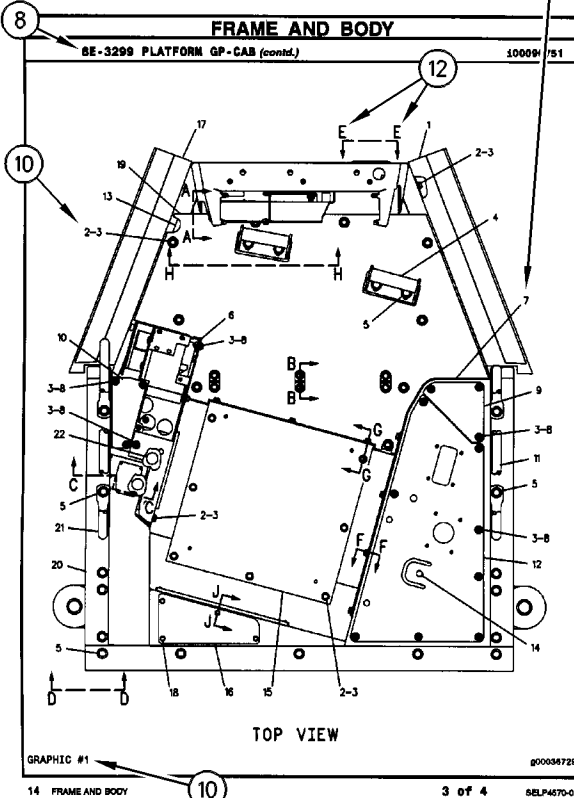
NOTA:

Os contínuos aperfeiçoamentos e avanços no projeto do produto podem ocasionar modificações em sua máquina que talvez ainda não estejam incluídas nesta publicação. Sempre que surgirem dúvidas quanto a um produto Caterpillar ou quanto à presente publicação, consulte o seu revendedor Caterpillar para obter as informações mais recentes disponíveis.

INFORMAÇÃO GERAL

[illegible]

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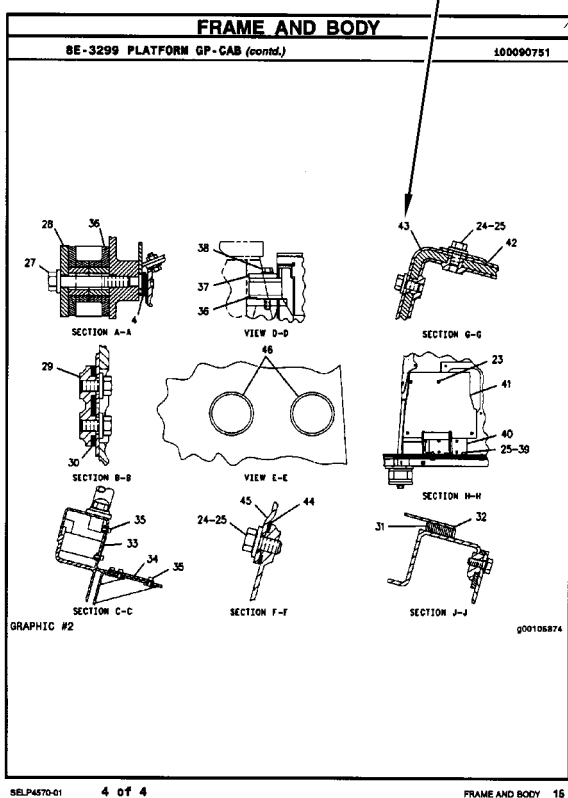
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8E-3298 PLATFORM GP-CAB (contd.)							100090751
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 PRODUCT LEVEL	SER PAGE	
	41	2	BE-2518	1	COVER		
	42	2	7T-0134	1	PLATE		
	43	2	7T-0138	1	GASNET		
	44	2	7B-8724	1	GASNET		
	45	2	7B-8723	1	COVER		
	46	2	SV-1959	2	PLUG-BUTTON		

N-METRIC PART

(10)

FRAME AND BODY 13



FRAME AND BODY 16

ALLGEMEINE HINWEISE

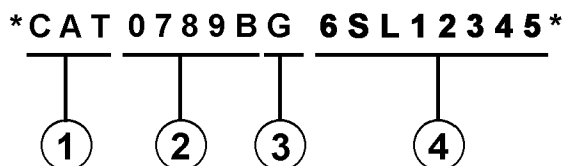
1. MASCHINENKENNZEICHNUNG

Caterpillar-Maschinen sind mit PRODUCT IDENTIFICATION NUMBERS (PIN) (Produkt-Identnummern) gekennzeichnet. Einige Baugruppen, z.B. Motoren, Getriebe, Planierschilde und Aufreißer, sind mit SERIAL NUMBERS (S/N) (Seriennummern) gekennzeichnet. An der Maschine und am Motor befinden sich außerdem ARRANGEMENT NUMBERS (Ausrüstungsnummern) sowie in einigen Fällen MODIFICATION NUMBERS (Änderungsnummern). Sie befinden sich auf den PIN-Schildern und auf dem Typenschild im Fahrerhaus.

Bei Ersatzteilbestellungen müssen dem Händler alle diese Nummern zur Verfügung gestellt werden.

 *Neu im Parts Manual*

Vom ersten Quartal 2001 ab wurde die Caterpillar Produkt-Identnummer (PIN) von 8 auf 17 Zeichen geändert. Um zur Standardisierung der Produkt-Identnummer beizutragen, sind Caterpillar und andere Baumaschinenhersteller bestrebt, die aktuellste Norm zur Produkt-Identnummerierung einzuführen. Produkt-Identnummern für Baumaschinen sind durch ISO 10261 definiert. Das neue Format der Produkt-Identnummern gilt für alle Caterpillar-Maschinen und -Stromaggregate. Die Produkt-Identschilder und -Identrahmenmarkierung enthalten die aus 17 Zeichen bestehende Identnummer. Das neue Format hat folgende Abschnitte:



Abschnitte:

1. Caterpillars weltweiter Herstellungscod (Zeichen 1-3)
2. Modell (Zeichen 4-8)
3. Kontrollzeichen (Zeichen 9)
4. Maschinenspezifische Kennung (MIS) oder Produktsequenznummer (Zeichen 10-17). Diese wurde früher als Seriennummer bezeichnet.

Für vor dem ersten Quartal 2001 hergestellte Maschinen und Stromaggregate wird das aus 8 Zeichen bestehende PIN-Format beibehalten.

Bauteile wie z.B. Motoren, Getriebe, Achsen sowie Arbeitsgeräte werden weiterhin eine aus 8 Zeichen bestehende Seriennummer (S/N) aufweisen.

2. BESTELLEN VON ERSATZTEILEN

WARNUNG

Wenn für diese Maschine Ersatzteile benötigt werden, empfiehlt Caterpillar, ausschließlich Caterpillar-Ersatzteile oder solche zu verwenden, die die gleichen technischen Merkmale hinsichtlich Typ, Festigkeit, Werkzeugeigenschaften und die gleichen Maße aufweisen.

Bei Nichtbeachtung dieser Warnung besteht Verletzungs- oder sogar Lebensgefahr! Ferner kann Nichtbeachtung vorzeitige Ausfälle der Teile und Beschädigung der Maschine zur Folge haben.

Original Caterpillar-Ersatzteile können weltweit bei jedem Caterpillar-Händler bestellt werden. Die umfangreichen Händlerlager enthalten normalerweise alle Teile, die Sie für Ihre Caterpillar-Maschine benötigen. Einige Händler bieten Reparatursätze, Austausch- oder werküberholte Teile an, so daß Sie eine Auswahl unter verschiedenen Reparaturmöglichkeiten treffen können. Ihre Bestellung muß folgende Angaben enthalten: Anzahl der benötigten Teile, Bestellnummer, Bezeichnung des Teils, Serien-Nr./Produkt-Ident-Nr., Ausrüstungs-Nr. und Änderungs-Nr. der Maschine, für die diese Teile benötigt werden.

3. AUFBAU DES PARTS MANUAL

Die Produktinformationen für alle Komponenten eines bestimmten Modells sind in INFORMATION ELEMENTS (Informationseinheiten) gegliedert. ENGINE ARRANGEMENT (Motorausführung) und SEAT GROUP (Fahrsitz) sind Beispiele für solche Informationseinheiten. Sie sind innerhalb jeder Gruppe alphabetisch, entsprechend der Ersatzteilbezeichnung, und zusätzlich numerisch, entsprechend der Ersatzteilnummer, geordnet.

4. INHALTSVERZEICHNIS

Das Inhaltsverzeichnis befindet sich am Anfang des Buches. Im Inhaltsverzeichnis werden die einzelnen Abschnitte des Buches aufgeführt. Die Abschnitte enthalten eine vollständige Aufstellung aller Informationseinheiten. Diese sind entsprechend ihrem Erscheinen im Buch geordnet. Das Inhaltsverzeichnis enthält Seitenangaben für Schnellverweise auf detaillierte Abbildungen und Teillisten.

ALLGEMEINE HINWEISE

5. INDEX FÜR WARTUNGSTEILE

Der Index für Wartungsteile vorn im Buch enthält die Bestellnummern, Seitenangaben, Mengenangaben und Informationen über den Einsatzbereich für die am häufigsten benötigten Ersatzteile. Die Angaben sind alphabetisch entsprechend der Teilebezeichnung geordnet.

6. INDEX

Der Index vorn im Buch enthält eine alphabetische Liste aller Informationseinheiten. Er enthält Seitenangaben für Schnellverweise auf detaillierte Abbildungen und Teillisten.

7. INDEX FÜR BESTELLNUMMERN

Hinten im Buch befindet sich ein numerischer Index, mit allen Bestellnummern und dem Hinweis auf die Seite, auf der sich die betreffende Abbildung befindet.

8. ÜBERSCHRIFTEN

Die Überschriften, die sich am Anfang jeder der Informationseinheiten befinden, enthalten Bestellnummern, Ersatzteilbezeichnungen und zusätzliche beschreibende Informationen. Produkt-Ident- und Seriennummern in den Überschriften sollten zur Auswahl der richtigen Informationen für die betreffende Maschine verwendet werden. Die Überschriften enthalten außerdem Informationen über möglichen Außendienstersatz, mögliche Baugerätekomponenten und die Baugruppe, zu der das Teil gehört.

Die erste Zeile einer Überschrift erscheint in einer größeren Schriftart, um den Anfang einer Informationseinheit zu kennzeichnen. Überschriften für zusätzliche Seiten, die zur Erläuterung einer Informationseinheit notwendig sind, erscheinen in normaler Schriftart und enthalten den Begriff "(contd.)".

9. NICHT EINZELN LIEFERBARE TEILE

In einigen Fällen ist es notwendig nicht lieferbare Teile, die selbst mit einer eigenen Teilliste im Buch vertreten sind, aufzuführen. Die Bestellnummern dieser nicht einzeln lieferbaren Teile erscheinen kursiv, wodurch angezeigt wird, daß sie nur in Verbindung mit anderen Teilen lieferbar sind.

10. REFERENZNUMMER FÜR ERSATZTEILE

Die Zahlen, die in der Spalte "Ref No" aufgeführt sind, stimmen mit den Zahlen in den beigefügten Abbildungen überein. Ein Buchstaben-Suffix kann zu einer Referenznummer hinzugefügt werden, um zu kennzeichnen, daß das Teil mit einer eigenen Teilliste im Buch aufgeführt ist. Die in der Spalte "Graphic Ref" angeführten Zahlen verweisen auf die Identifikationsnummer der Abbildung, die sich in der linken unteren Ecke der Abbildung befindet. Diese Nummer kann zusammen mit der Referenznummer des Teils angegeben werden, um die richtige Ersatzteilnummer zu ermitteln. Referenznummern können absichtlich weggelassen werden, da die Nummern der lieferbaren Ersatzteile ständig aktualisiert werden.

11. EINGERÜCKTE BEZEICHNUNGEN

Wenn eine Bezeichnung eingerückt ist, wird dadurch angezeigt, daß das Teil zu einer Baugruppe gehört, unter deren Bezeichnung es eingerückt ist.

12. REFERENZBUCHSTABEN

Falls erforderlich sind in den Abbildungen Referenzbuchstaben enthalten (z.B. A, B, C, usw.), die Leitungen und Kabelbäume von einem Punkt zum anderen verfolgen. Außerdem geben sie die Stelle an, an der getrennte Abbildungen fortgesetzt werden.

13. ABKÜRZUNGEN UND SYMBOLE

- O.D.** – Außendurchmesser
- I.D.** – Innendurchmesser
- A** – kein Teil dieser Gruppe
- B** – nach Bedarf verwenden
- C** – Hinweis auf eine Änderung
- D** – in Meter-Länge bestellen
- E** – in Zentimeter-Länge bestellen
- F** – nicht gezeigt
- G** – in Zoll-Länge bestellen
- I** – siehe Hydraulikinformationssystem
- M** – metrisches Teil
- R** – werküberholtes Teil unter Umständen lieferbar
- Y** – separate Abbildung
- Z** – nicht einzeln lieferbar



14. BESCHREIBUNG DER TYPENÄNDERUNGEN

Typ-A bezieht sich auf alle Konfigurationsänderungen, die ein zusätzliches Informationselement für Ausführung, Gruppe oder Einheit benötigen. Wenn kein Seriennummernumbruch für Typen erhältlich ist, wird in der Überschrift eine Typennummer (Typ 1, Typ 2, etc.) angegeben. Diese "Typenänderungen" sind in der Teileliste mit der Anmerkung "C" (Änderung des vorherigen Typs) versehen. Es werden nur die für dieses Ersatzteillhandbuch relevanten "Typen" angegeben. Es können zusätzliche Typen vorhanden sein, was zu "C" Anmerkungen zu einem Informationselement führen kann, wenn keine anderen Typen angegeben werden.

15. <END>

Dieses Symbol zeigt das Ende eines Informationselements an.

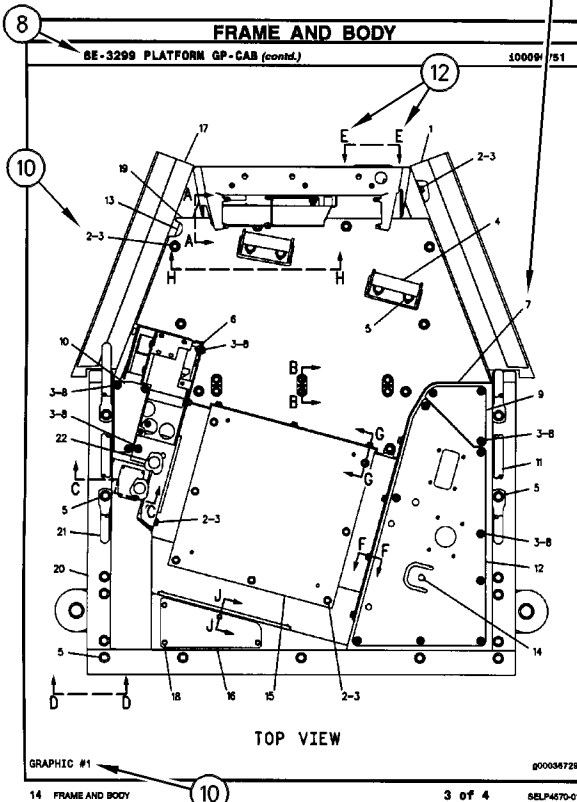
ANMERKUNG:

Ständig vorgenommene Verbesserungen und Weiterentwicklungen an Ihrer Maschine können Änderungen verursachen, die in der vorliegenden Ausgabe noch nicht berücksichtigt sind. Fragen zu Ihrer Caterpillar-Maschine oder diesem Ersatzteillbuch beantwortet Ihr Caterpillar-Händler.

ALLGEMEINE HINWEISE

8		FRAME AND BODY					1
		8E-3299 PLATFORM GP-CAB					
		PIN 35K1-00000					
8MCS-7253							100090751
NOTE	REF NO	GRAPHIC REF	PART NAME	QTY	PART NAME	QTY	SEE PAGE
			8E-3293 1		PLATE AS		
	1		8E-3096 26		BOLT (3/8-16X.750IN)		
	2		8E-1078 41		WASHER-HARD (3MM THK)		
	3		8E-1064 2		SPACER AS-FOOT		
	4		8E-3220 19		BOLT (1/2-13X1.81)		
	5		8E-3220 19		WASHER-HARD (4MM THK)		
	6		8E-3156 4		COVER AS-LIN		
	7		8E-3078 6		MUT-WELD (3/8-16 THD)		
	8		1F-3189 1		CLIP		
	9		7T-2611 4		COVER		
	10		8E-0488 18		SCREW-HEAD (3/8-16X.875IN)		
	11		8E-3260 1		COVER		
	12		8E-3972 1		GASKET		
	13		8E-3248 1		GASKET		
	14		8E-3260 1		GASKET		
	15		8E-3230 1		HANDHOLD		
	16		8E-3078 1		COVER AS		
	17		8E-3078 6		MUT-WELD (3/8-16 THD)		
	18		8E-3078 1		GASKET		
	19		7T-5131 1		FLOORPLATE AS		
	20		1F-0748 4		MUT-WELD (1/2-13 THD)		
	21		7T-0067 1		PLUG-BUTTON		
	22		7T-5136 1		PLATE AS		
	23		8E-3078 6		MUT-WELD (3/8-16 THD)		
	24		7T-0066 1		COVER		
	25		7T-0070 1		GASKET		
	26		8T-3081 1		PLATE AS		
	27		8T-3084 4		BOLT (1/4-20X.625IN)		
	28		8T-3206 4		WASHER-HARD (2MM THK)		
	29		8T-3044 1		FLAT WASHER		
	30		8E-3046 1		MODULE AS-OPERATOR		
	31		2T-3534 1		HANDHOLD		
	32		8E-3071 2		PLUG		
	33		8T-3284 4		BOLT (1/4-20X.625IN)		
	34		8T-3230 4		WASHER-HARD (2MM THK)		
	35		8E-3202 17		BOLT (3/8-16X.750IN)		
	36		8E-1078 21		WASHER-HARD (3MM THK)		
	37		7T-0138 1		SEAL		
	38		7X-0078 2		BOLT (3/4-10X5IN)		
	39		7X-0082 2		WASHER-HARD (6MM THK)		
	40		2T-2448 2		PLATE		
	41		8T-3280 2		PLATE AS		
	42		7X-0028 6		SPACER		
	43		2T-3261 1		SEAL		
	44		7X-0017 1		GASKET		
	45		7X-0016 1		COVER AS		
	46		2R-3278 2		WASHER		
	47		8E-0026 2		SCREW-KNIBLED		
	48		8E-3459 1		COVER		
	49		8E-0007 1		COVER		
	50		8E-3001 1		SCREW-SOCKET HEAD		
	51		8E-3142 6		SPACING		
	52		8E-0007 2		PLATE		
	53		7X-0090 2		BOLT (7/8-9X5IN)		
	54		7X-0072 2		WASHER-HARD		
	55		4X-0454 4		BOLT (3/8-16X1.0IN)		
	56		8E-0007 2		COVER		

SELF 170-01



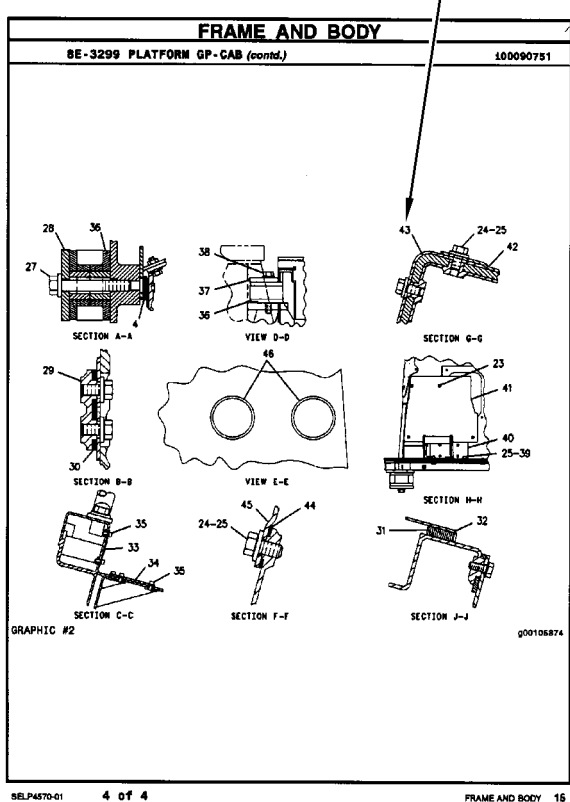
SELP4570-01

FRAME AND BODY										
8E-3298 PLATFORM GP-CAB (contd.)									100090751	
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME					SEE PAGE
					1	2	3	4	5	
	41	2	8E-3518	1	COVER					
	42	2	77-0134	1	PLATE					
	43	2	77-0138	1	GASKET					
	44	2	78-8724	1	GASKET					
	45	2	78-8723	1	COVER					
	46	2	8V-1959	2	PLUG-BUTTON					

N-METRIC PART

10

FRAME AND BODY 13



FRAME AND BODY 16

REPAIR ALTERNATIVES

REMANUFACTURED COMPONENTS

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

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

Typical components included in the Remanufacturing Program include:

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

Caterpillar Remanufactured engines for many engine arrangements are also available.

OPTIONS DE RÉPARATION

COMPOSANTS RÉNOVÉS

Comme option de réparation, considérer les composants rénovés Caterpillar. Les composants disponibles dans le cadre du programme Caterpillar de composants rénovés sont identifiés de trois façons dans le catalogue de pièces:

- avec la lettre "R" dans l'espace note de la liste des pièces
- avec R* au début de la première ligne des légendes
- avec *R à la fin de la première ligne des légendes

Les composants suivants figurent parmi les composants typiques du programme de rénovation:

ALTERNATEURS
BIELLES
VILEBREQUINS - SOUS-DIMENSIONNÉS
VILEBREQUINS - REMIS À NEUF
CULASSES
MODULES DE COMMANDE ÉLECTRONIQUE (ECM)
CAPTEURS ÉLECTRONIQUES
INJECTEURS
TÊTES D'INJECTEURS
POMPES À CARBURANT
RÉGULATEURS
POMPES À HUILE
PISTONS
BLOCS EMBIELLÉS
DÉMARREURS
TURBOCOMPRESSEURS - COMPLETS
CARTOUCHES DE TURBOCOMPRESSEUR
POMPES À EAU

Des moteurs rénovés sont aussi disponibles pour plusieurs versions de moteur.

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.

ALTERNATIVAS DE REPARO

COMPONENTES REMANUFATURADOS

Considere o uso de Componentes Remanufaturados Caterpillar ao efetuar reparos. Os componentes disponíveis através do Programa de Remanufatura Caterpillar são identificados de três formas no manual de peças:

- com um R na área da nota da lista de peças
- com um R* no princípio da primeira linha da legenda
- com um *R no final da primeira linha da legenda

Os componentes típicos que constam no Programa de Remanufatura incluem:

ALTERNADORES
BIELAS
VIRABREQUINS - SUBMEDIDAS
VIRABREQUINS - ATUALIZAÇÃO
CABEÇOTES
MÓDULOS DE CONTROLE ELETRÔNICO (ECM)
SENSORES ELETRÔNICOS
INJETORES DE COMBUSTÍVEL
BICOS DE ABASTECIMENTO DE COMBUSTÍVEL
BOMBAS DE COMBUSTÍVEL
GOVERNADORES
BOMBAS DE ÓLEO
PISTÕES
BLOCOS BÁSICOS DO MOTOR
MOTORES DE PARTIDA
TURBOALIMENTADORES - COMPLETOS
CARTUCHOS DE TURBOALIMENTADORES
BOMBAS D'ÁGUA

Motores Remanufaturados Caterpillar também encontram-se disponíveis para diversos arranjos de motor.

REPARATURALTERNATIVEN

WERKÜBERHOLTE AT-PRODUKTE

Bei Reparaturen sollten werküberholte AT-Produkte von Caterpillar in Betracht gezogen werden. Die durch das AT-Programm von Caterpillar erhältlichen Teile sind im Parts Book auf drei verschiedene Arten gekennzeichnet:

- mit dem Buchstaben R in der Spalte NOTE der Ersatzteilliste
- mit einem R* am Anfang der ersten Zeile der Überschrift
- mit einem *R am Ende der ersten Zeile der Überschrift

Das AT-Programm umfaßt u.a. folgende Produkte:

DREHSTROMGENERATOREN
PLEUELSTANGEN
KURBELWELLEN - MIT UNTERMASSE
KURBELWELLEN - MIT ORIGINALMASSE
ZYLINDERKÖPFE
ELEKTRONISCHE STEUEREINHEITEN (EMC)
ELEKTRONISCHE SENSOREN
PUMPENDÜSEN
EINSPRITZDÜSEN
KRAFTSTOFFPUMPEN
DREHZAHLREGLER
ÖLPUMPEN
KOLBEN
TEILMOTOREN
ANLASSER
TURBOLADER - KOMPLETT
TURBOLADERLAUFZEUGE
KÜHLWASSERPUMPEN

Viele Motoren können durch werküberholte AT-Motoren von Caterpillar ersetzt werden.

SUPPLEMENTAL COOLANT ADDITIVES

CUSTOMER BENEFITS:

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

- Provides measured coolant conditioner.

DESCRIPTION:

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

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

NOTE:

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

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

NOTE:

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

PARTS NEEDED:

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

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

() Indicates quantity required.

ADDITIFS POUR LIQUIDE DE REFROIDISSEMENT

AVANTAGES POUR LE CLIENT

L'additif protège contre la cavitation, la mousse, l'érosion, la corrosion et l'accumulation de dépôts dans le circuit de refroidissement.

- L'additif complémentaire fournit une quantité mesurée d'additif.

DESCRIPTION:

Les additifs s'épuisent pendant l'utilisation du moteur. C'est pourquoi l'on doit ajouter de l'additif au liquide de refroidissement/antigel pour moteurs diesel à intervalles réguliers. En plus, si l'on n'utilise pas de l'antigel entièrement formulé et pré-chargé comme le liquide de refroidissement/antigel Caterpillar pour moteurs diesel, une quantité initiale d'additif doit être ajoutée au circuit de refroidissement. La quantité d'additif à ajouter au circuit dépend de la contenance du circuit.

L'additif pour le remplissage initial est fourni sous forme liquide. L'additif pour l'entretien ultérieur est disponible sous forme liquide et sous forme d'élément à visser. (Il n'y a pas d'élément à visser pour les moteurs de la famille 3600).

NOTA:

La quantité d'additif à ajouter au remplissage initial diffère de la quantité à ajouter aux intervalles d'entretien.

Les éléments d'additif peuvent être utilisés avec tout antigel de type éthylène ou propylène-glycol conforme à la norme ASTM D4985 ou ASTM D5345.

NOTA:

A utiliser uniquement avec du liquide de refroidissement pour moteurs diesel et non avec le liquide de refroidissement longue durée.

PIÈCES NÉCESSAIRES:

Contenance du circuit de refroidissement		Additif liquide au remplissage initial	Additif liquide aux intervalles d'entretien*	Élément d'additif à visser aux intervalles d'entretien*
Litres	Gallons U.S.			
22-30	(6-8)	3P-2044 (1)	6V-3542 (1)	111-2370 (1)
30-38	(8-10)	3P-2044 (1) 6V-3542 (1)	111-2372 (1)	111-2369 (1)
38-49	(10-13)	3P-2044 (1) 8T-1589 (1)	111-2372 (1)	111-2369 (1)
49-64	(13-17)	3P-2044 (2)	8T-1589 (1)	9N-3368 (1)
64-83	(17-22)	3P-2044 (2) 8T-1589 (1)	111-2372 (1) 6V-3542 (1)	111-2371 (1)
83-114	(22-30)	3P-2044 (3) 8T-1589 (1)	3P-2044 (1)	9N-3718 (1)
114-163	(30-43)	3P-2044 (5)	3P-2044 (1) 6V-3542 (1)	111-2371 (2)
163-242	(43-64)	3P-2044 (8)	3P-2044 (2)	9N-3718 (2)

* L'intervalle d'entretien normal est de 250 heures-service. Voir le Guide d'utilisation et d'entretien pour de plus amples renseignements concernant l'entretien du circuit de refroidissement.

() Indique la quantité exigée.

ADITIVOS DE REFRIGERANTE SUPLEMENTARIOS

VENTAJAS PARA EL USUARIO:

Protegen contra la cavitación, la formación de espuma, la corrosión y la acumulación de escamas en los sistemas de enfriamiento.

- Suministra un acondicionador dosificado de refrigerante.

DESCRIPCIÓN:

Los aditivos en el refrigerante se agotan con la operación normal. Por esta razón, se debe agregar Aditivo de refrigerante suplementario (SCA) a todos los refrigerantes para servicio pesado, a intervalos regulares. Además, cuando no se usa un anticongelante de precarga completo, tal como el DEAC de Caterpillar, es necesario agregar una cantidad de aditivo de refrigerante suplementario inicial al sistema de enfriamiento. La cantidad de aditivo que se debe agregar depende de la capacidad del sistema.

El SCA de llenado inicial es líquido. El que se usa para el mantenimiento está disponible tanto en líquido como en un elemento enroscable. (No hay elemento enroscable disponible para la Familia de Motores 3600).

NOTA:

La cantidad de aditivo de llenado inicial no es la misma que se agrega en los intervalos de mantenimiento.

Los elementos de aditivo de refrigerante se pueden usar con cualquier anticongelante de tipo glicol etilénico o propílico que esté de acuerdo con las especificaciones de las normas ASTM D4985 o ASTM D5345.

NOTA:

Se debe utilizar únicamente con refrigerante estándar para servicio pesado; no se debe usar con Refrigerante de Larga Duración.

PIEZAS NECESARIAS:

Capacidad del Sistema de Enfriamiento		SCA líquido de llenado inicial	SCA líquido de mantenimiento*	Elemento de mantenimiento enroscable*
litros	gal EE.UU.			
22-30	6-8	3P-2044 (1)	6V-3542 (1)	111-2370 (1)
30-38	8-10	3P-2044 (1) 6V-3542 (1)	111-2372 (1)	111-2369 (1)
38-49	10-13	3P-2044 (1) 8T-1589 (1)	111-2372 (1)	111-2369 (1)
49-64	13-17	3P-2044 (2)	8T-1589 (1)	9N-3368 (1)
64-83	17-22	3P-2044 (2) 8T-1589 (1)	111-2372 (1) 6V-3542 (1)	111-2371 (1)
83-114	22-30	3P-2044 (3) 8T-1589 (1)	3P-2044 (1)	9N-3718 (1)
114-163	30-43	3P-2044 (5)	3P-2044 (1) 6V-3542 (1)	111-2371 (2)
163-242	43-64	3P-2044 (8)	3P-2044 (2)	9N-3718 (2)

* El período normal de mantenimiento es de 250 horas. Para ver las instrucciones completas sobre el mantenimiento del refrigerante, consulte el Manual de Operación y Mantenimiento.

() Indica la cantidad necesaria.

ADITIVOS SUPLEMENTARES DO LÍQUIDO ARREFECEDOR

BENEFÍCIOS PARA O CLIENTE:

Protege contra cavitação, espuma, erosão, corrosão e acúmulo de crostas nos sistemas de arrefecimento.

- Fornece uma quantidade pré-determinada de condicionador de arrefecimento.

DESCRIÇÃO:

Com a operação normal, os aditivos se esgotam do líquido arrefecedor. Por isso, Aditivos Suplementares do Líquido Arrefecedor (SCA) devem ser acrescentados a todos os líquidos arrefecedores para serviço pesado em intervalos regulares. Além disso, quando um anticongelante pré-carregado, totalmente formulado não for usado, como o DEAC Caterpillar, uma carga inicial de SCA deve ser acrescentada ao sistema de arrefecimento. A quantidade de SCA acrescentada ao sistema depende da capacidade do sistema.

O SCA para abastecimento inicial é fornecido em forma de líquido. Os aditivos suplementares (SCA) para intervalos de manutenção estão à disposição em forma líquida e como um elemento com roscas. (Exceto os Motores da Família 3600)

NOTA:

A quantidade de SCA adicionada no abastecimento inicial não é a mesma que a acrescentada nos intervalos de manutenção.

Os elementos do aditivo do líquido arrefecedor podem ser usados com qualquer tipo de anticongelante etileno ou propileno que satisfaz as Especificações ASTM D4985 ou ASTM D5345.

NOTA:

Para uso apenas com líquido arrefecedor para serviço pesado padrão, não deve ser usado com Líquido Arrefecedor de Vida Longa.

PEÇAS NECESSÁRIAS:

Capacidade do Sistema de Arrefecimento		Líquido SCA Durante Abastecimento Inicial	Líquido SCA Durante Manutenção*	Elemento de Manutenção de SCA com Roscas*
Litros	Galões			
22-30	6-8	3P-2044 (1)	6V-3542 (1)	111-2370 (1)
30-38	8-10	3P-2044 (1) 6V-3542 (1)	111-2372 (1)	111-2369 (1)
38-49	10-13	3P-2044 (1) 8T-1589 (1)	111-2372 (1)	111-2369 (1)
49-64	13-17	3P-2044 (2)	8T-1589 (1)	9N-3368 (1)
64-83	17-22	3P-2044 (2) 8T-1589 (1)	111-2372 (1) 6V-3542 (1)	111-2371 (1)
83-114	22-30	3P-2044 (3) 8T-1589 (1)	3P-2044 (1)	9N-3718 (1)
114-163	30-43	3P-2044 (5)	3P-2044 (1) 6V-3542 (1)	111-2371 (2)
163-242	43-64	3P-2044 (8)	3P-2044 (2)	9N-3718 (2)

* O período normal de manutenção é de 250 horas. Consulte o Manual de Operação e Manutenção para obter instruções completas quanto à manutenção do líquido arrefecedor.

() Indica a quantidade exigida.

KÜHLMITTELZUSATZ

VORTEILE FÜR DEN KUNDEN:

Schutz gegen Kavitation, Schaumbildung, Erosion, Korrosion und Kesselsteinbildung in Kühlsystemen.

- Richtig dosierter Kühlmittelzusatz

BESCHREIBUNG:

Additive erschöpfen sich während des Motorbetriebs. Deshalb muß allen HD-Kühlmitteln regelmäßig Kühlmittelzusatz beigelegt werden. Wenn bei Erstfüllung kein vollwertiges Fertigkühlmittel, wie das Frostschutz- und Kühlmittel für Dieselmotoren von Caterpillar (DEAC), verwendet wird, muß bei Erstfüllung Kühlmittelzusatz beigelegt werden. Wieviel Kühlmittelzusatz beigelegt werden muß, hängt vom Inhalt des Kühlsystems ab.

Für Erstfüllung ist Kühlmittelzusatz nur in flüssiger Form erhältlich. Für Wartungsintervalle ist Kühlmittelzusatz in flüssiger Form und als Zusatzelement erhältlich. (Für die Motorbaureihe 3600 sind keine Zusatzelemente erhältlich.)

ANMERKUNG:

Die Kühlmittelmenge bei Erstfüllung ist nicht die gleiche Menge, die bei Wartungsintervallen beigelegt werden muß.

Die Kühlmittelzusatzelemente können mit allen Frostschutzmitteln auf Ethylen- oder Propylenglykollbasis verwendet werden, die den Standards nach ASTM D4985 oder ASTM D5345 entsprechen.

ANMERKUNG:

Den Kühlmittelzusatz nicht mit Langzeitkühlmittel (ELC) von Caterpillar verwenden. Der Kühlmittelzusatz ist nur für HD-Kühlmittel bestimmt.

TEILEBEZEICHNUNG:

Kühlsysteminhalt		Kühlmittelzusatz bei Erstfüllung	Flüssiger Kühlmittelzusatz bei Wartung*	Kühlmittelzusatzelement bei Wartung*
Liter	US-Gall.			
22-30	(6-8)	3P-2044 (1)	6V-3542 (1)	111-2370 (1)
30-38	(8-10)	3P-2044 (1) 6V-3542 (1)	111-2372 (1)	111-2369 (1)
38-49	(10-13)	3P-2044 (1) 8T-1589 (1)	111-2372 (1)	111-2369 (1)
49-64	(13-17)	3P-2044 (2)	8T-1589 (1)	9N-3368 (1)
64-83	(17-22)	3P-2044 (2) 8T-1589 (1)	111-2372 (1) 6V-3542 (1)	111-2371 (1)
83-114	(22-30)	3P-2044 (3) 8T-1589 (1)	3P-2044 (1)	9N-3718 (1)
114-163	(30-43)	3P-2044 (5)	3P-2044 (1) 6V-3542 (1)	111-2371 (2)
163-242	(43-64)	3P-2044 (8)	3P-2044 (2)	9N-3718 (2)

* Der normale Wartungsintervall beträgt 250 Betriebsstunden. Für vollständige Anweisungen zur Wartung des Kühlsystems, siehe Betriebs- und Wartungshandbuch.

() Erforderliche Anzahl

NOMENCLATURA DE PEÇAS INGLÊS-PORTUGUÊS

INGLÊS	PORTUGUÊS
ABOVE	Acima
ABSORBER	Amortecedor
ACCESSORY	Acessório
ACTUATOR	Acionador
ADAPTER	Adaptador
ADHESIVE	Adesivo
ADJUSTER	Adjustador
AFTERCOOLER	Pós-resfriador
AIR	Ar
AIR CLEANER	Purificador de ar
AIR SYSTEM	Sistema de ar
ALARM	Alarme
ALTERNATOR	Alternador
AMMETER	Amperímetro
ANCHOR	Âncora, fixador
ANGLE	Ângulo, canto
ANVIL A.	Bigorna conj.
ARBOR	Mandril, eixo
ARM	Braço
ARMATURE	Armadura, Induzida
ARM REST	Apoio para braço
ARRESTER	Detentor
ASSEM. =	
ASSEMBLY	Conjunto
ATTACHMENT	Acessório
AVAILABLE	Disponível
AXLE	Eixo
AXLE SHAFT	Semi-eixo, ponta
BACK-UP ALARM	Alarme de marcha à ré
BACK-UP LIGHT	Luz da marcha à ré
BACK-UP SWITCH	Interruptor de marcha à ré
BACKBOARD	Prancha traseira
BACK CUSHION	Encosto
BACKHOE	Retroescavadeira
BAFFLE	Defletor
BAG	Saco, sacola
BAIL	Alça
BALANCER	Balanceador
BALL	Esfera
BALLCHECK	
ASSEMBLY	Conjunto de (válvula) de esfera de retenção
BALL JOINT	Junta esférica
BALLSTUD	Munhão esférica
BAND	Banda, cinta, tira
BAND & LINING	Banda e revestimento
BAR	Barra
BARREL	Cilindro
BARRIER	Barreira
BASE	Base
BASIN	Bacia, coletor
BATTERY	Bateria
BEAM	Barra, viga, trave
BEARING	Mancal, rolamento
BEARING BALL	Rolamento de esferas

INGLÊS	PORTUGUÊS
BEARING-SLEEVE	Mancal tipo luva
BEARING-NEEDLE	Rolamento de agulha
BEARING-ROLLER	Rolamento tipo roletes
BELL	Campânula
BELLCRANK	Alavanca angular
BELLOWS	Fole
BELOW	Abaixo
BELT	Correia, cinto
BELT TIGHTENER	Ajustador de correia
BEVEL GEAR	Coroa
BIT-CUTTER	Broca, fresa
BLACK	Preto
BLADE	Lâmina
BLEEDER	Sangrador
BLOCK	Bloco, calço
BLOWER	Ventilador
BLUE	Azul
BOARD	Prancha, tábua
BODY	Corpo
BOLT	Parafuso
BONNET	Tampa
BOOM	Lança
BOOSTER	Reforçador
BOOT	Protetor contra poeira
BORE	Furo
BOSS	Ressalto
BOTH	Ambos (as)
BOTTOM	Fundo
BOWL	Caçamba
BOX	Caixa
BRACE	Tirante
BRACKET	Suporte
BRAKE	Freio
BREAKER	Interruptor
BREATHER	Respiro
BRIDGE	Braço
BROWN	Marrom
BRUSH	Escova
BUCKET	Caçamba
BULB	Bulbo
BULLDOZER	Bulldozer
BUMPER	Pára-choque
BUSHING	Bucha
BUTTON	Botão
BUZZER WARNING	Alarme sonoro
C = CHANGE	Alteração
CAB	Cabina
CABINET	Gabinete
CABLE	Cabo
CAGE	Alojamento
CALIPER	Calibrador
CAM	Excêntrico, ressalto
CAMSHAFT	Eixo-comando-de-válvulas
CANOPY	Coberta, toldo

NOMENCLATURA DE PEÇAS INGLÊS-PORTUGUÊS

INGLÊS	PORTUGUÊS	INGLÊS	PORTUGUÊS
CAP	Tampa	CONTROL	Controle
CAPACITOR	Capacitor, condensador	CONVERSION	Conversão
CARBURETOR	Caburador	CONVERTER	Conversor
CARCASS	Carcaça	COOLER	Arrefecedor
CARRIER	Suporte	COOLING	Arrefecimento
CARTON	Caixa de papelão	CORK	Cortiça
CARTRIDGE	Cartucho	CORE	Núcleo
CASE	Caixa, alojamento	CORNER	Canto
CASING	Invólucro, revestimento	COTTER PIN	Contrapino
CASTER	Rolete, roldana	COUNTER	Contador, tacômetro
CAST IRON	Ferro fundido	COUNTERWEIGHT	Contrapeso
CATWALK	Passadiço	COUPLER	Acoplador, engate
CENTER	Centro	COUPLING	Acoplamento, conexão
CHAIN	Corrente	COVER	Tampa
CHAMBER	Câmara	COWL	Capota
CHANGEOVER	Modificação	COWLING	Capota
CHANNEL	Canal	CRADLE	Armação, suporte
CHASSIS	Chassi, armação	CRANK	Manivela
CHECK-VALVE	Válvula de retenção	CRANKCASE	Cárter
CIRCUIT	Circuito	CRANKSHAFT	Virabrequim
CIRCUIT BREAKER	Interruptor de circuito	CROSS UNION	Junta transversal
CLAMP	Braçadeira	CROSSBAR	Barra transversal
CLASP	Fecho, grampo	CUP	Capa, anel externa
CLEANER	Purificador	CURTAIN	Cortina
CLEVIS	Forquilha, garfo	CUSHION	Almofada, amortecedor
CLIP	Clipe, presilha, grampo	CUTTER	Fresa, cortador
CLOSURE	Fecho	CUTTING EDGE	Borda cortante
CLUTCH	Embreagem	CYLINDER	Cilindro
COARSE	Grosso, áspero	CYLINDER BLOCK	Bloco do motor
COATING	Capa, revestimento	CYLINDER HEAD	Cabeçote
COCK	Torneira	DAMPER	Amortecedor
COIL	Bobina, serpentina	DARK GREEN	Verde escuro
COLLAR	Colar	DASH	Painel
COLLECTOR	Coletor	DASH PANEL	Painel de Instrumento
COLLET	Mandril	DECELERATOR	Desacelerador
COLUMN	Coluna	DEFLECTOR	Defletor
COMPACTOR	Compactador	DETENT	Retém, pino de trava
COMPARTMENT	Compartimento	DIAGRAM-WIRING	Diagrama dos circuitos elétricos
COMPLETE	Completo	DIAL	Medidor de dial
COMPOUND	Composto	DIAPHRAGM	Diafragma
COMPRESSOR	Compressor	DIESEL ENGINE	
CONCAVE	Côncavo	COMPLETE	Motor diesel completo
CONDITIONER	Condicionador	DIFFERENTIAL	Diferencial
CONDUIT	Conduite, eletroduto	DIFFUSER	Difusor
CONE	Cone	DIMMER	Redutor de luminosidade
CONNECTING	Ligação	DIODE	Diodo
CONNECTED ROD	Biela	DIRECTOR	Diretor
CONNECTION	Conexão	DISC	Disco
CONNECTOR	Conetor	DISCONNECT	Desligar
CONSISTS OF	Consiste de	DISPOSABLE	Disponível, substituível
CONSOLE	Consolo	DISSIPATOR	Dissipador de calor
CONTACT	Contato, platinado	DISTRIBUTOR	Distribuidor
CONTACTOR	Contactador	DM = DECIMETER	dm = decímetro
CONTINUED FROM	Continuação de		

NOMENCLATURA DE PEÇAS INGLÊS-PORTUGUÊS

INGLÊS	PORTUGUÊS	INGLÊS	PORTUGUÊS
DOME LIGHT	Lâmpada do teto	FILM	Película
DOOR	Porta	FILTER	Filtro
DOWEL	Pino-guia, cavilha	FINAL DRIVE	Comando final
DOWNSHIFT	Mudança para marcha mais baixa	FINGER	Dedo
DOZER	Bulldozer (lâmina)	FIREWALL	Parede contra fogo
DRAIN	Dreno	FITTING	Graxeira, conexão
DRAWBAR	Barra de tração	FIXTURE	Dispositivo, Aparelho
DRILL	Broca	FLANGE	Flange
DRILLED	Broqueado, perfurado	FLASHER	Luz intermitente
DRIVE	Comando, acionamento, propulsão	FLOAT	Flutuar, livre
DRIVER	Acionador, mecanismo propulsor	FLOOD-LAMP	Farol
DRIVESHAFT	Eixo acionador, eixo de transmissão	FLOOR	Piso
DRUM	Tambor	FLOORMAT	Tapete
DUCT	Conduto, canal	FLOORPLATE	Chapa do piso
EACH	Cada	FLYWEIGHT	Peso volante
EDGE	Borda, canto	FLYWHEEL	Volante
EFFECTIVE WITH	Efetivo a partir de	FOLLOWER	Seguidor
EJECTOR	Ejetor	FOOT	Pé
ELBOW	Cotovelo	FORK	Garfo
ELEMENT	Elemento	FOR USE WITH	Para usar com
ENCLOSURE	Cobertura	FOUNDATION	Assentamento, alicerce
END	Extremidade	FRAME	Armacão, chassi
END BIT	Canto de lâmina	FRONT	Frente, dianteiro
END VIEW	Vista traseira	FT = FOOT	Pé
ENGINE	Motor	FUEL INJECTION	Injeção de combustível
ENGINE ARRANGEMENT	Arranjo do motor	FUEL PUMP	Bomba de combustível
EXCEPT	Exceto	FUEL RATIO	Limitador de combustível
EXHAUST	Escape	FUEL SYSTEM	Sistema do combustível
EXHAUST PIPE	Cano de escape	FUEL TANK	Tanque do combustível
EXPANDER	Expansor	FUMES DISPOSAL	Eliminação de vapores do cárter
EXPANSION PLUG	Bujão de expansão	FUSE	Fusível
EXTENSION	Extensão	G = GROUP	Grupo
EXTINGUISHER	Extintor	GAGE	Indicador, manômetro
EXTRACTOR	Extrator	GAP	Folga, lacuna, intervalo
EYE	Olhal	GASKET	Junta
EYEBOLT	Parafuso de olhal	GASKET KIT	Jogo de junta
FABRIC	Tecido, tela textura	GATE	Entrada, trava
FACING	Revestimento, forro	GAUGE	Indicador, manômetro
FAN	Ventilador	GEAR	Engrenagem, marcha
FASTENED	Fixo, preso	GEAR BOX	Caixa de engrenagem
FASTENER	Fixador, prendedor	GEAR PUMP	Bomba de engrenagem
FENDER	Pára-lamas	GENERATOR	Gerador
FERRULE	Virola	GLAND	Junta, gaxeta, vedação sobreposta
FIELD COIL	Bobina indutora, ou de campo	GLASS	Vidro
FIELD REPLACEMENT	Reposição ou substituição no campo	GLOW PLUG	Vela incandescente
FILLER	Bocal de enchimento	GOVERNOR	Governador
		GRAB IRON	Balaústre corrimão
		GRATE	Grade, grelha
		GRAY	Cinza
		GRID	Grade, grelha
		GRILL	Grade, grelha
		GRIP	Pega, garra, cabo

NOMENCLATURA DE PEÇAS INGLÊS-PORTUGUÊS

INGLÊS	PORTUGUÊS	INGLÊS	PORTUGUÊS
GROMMET	Ilhós	INLET	Admissão, entrada
GROUND BRUSH	Escova-terra	INPUT	Entrada
GROUND (ELECTRIC)	Terra (eletricidade)	INSERT	Inserção
GROUSER	Garra (de sapata)	INSTALLATION	Instalação
GUARD	Protetor	INSTALLED ON MODEL	Instalação no modelo
GUIDE	Guia	INSTRUCTION	Instrução
GUSSET	Cantoneira	INSTRUMENT	Instrumento
HACKSAW	Serra para metais	INSULATED BRUSH ...	Escova isolada
HALF	Metade, meio (a)	INSULATION	Isolação, isolamento
HALF LINK	Semi-elo	INSULATOR	Isolante, isolador
HAMMER	Martelo	INTAKE	Admissão
HAND CONTROL	Controle manual	INTERLOCK	Trava interna
HANDLE	Cabo, alça	INTERMEDIATE	Intermediário
HANDRAIL	Corrimão, balaústre	INTERNAL	Interno
HANGER	Suporte, dispositivo de suspensão	INVERTER	Inversor
HARDWARE	Ferragem	IRON	Ferro
HARDWARE KIT	Jogo de ferragem	JACK	Macaco
HARNESS	Chicote	JAW	Mandíbula, garra
HEAD = HD	Cabeça	JET	Jato, vaporizador
HEADER	Coletor	JOINT	Junta, articulação
HEADLAMP	Farol dianteiro	JUNCTION	Junção
HEADLIGHT	Farol dianteiro	KEY	Chaveta
HEAT SINK	Difusor de calor	KINGBOLT	Pino de engate
HEATER	Aquecedor	KNIFE	Faca, lâmina
HIGH-IDLE	Marcha acelerada em vazio	KNOB	Maçaneta, botão
HINGE	Dobradiça, articulação	LADDER	Escada
HITCH	Engate	LAMP	Lâmpada
HOIST	Guincho, talha	LARGE	Grande
HOLD	Suporte, fixador	LATCH	Trinco, lingüeta
HOLD DOWN	Fixar, reter, manter abaixado	LEAD	Condutor, cabo
HOLDER	Fixador, suporte	LEG	Perna
HOLE	Furo, buraco	LENS	Lente
HOOD	Capô	LEVEL	Nível
HOOD & DASH	Capô e painel	LEVER	Alavanca
HOOK	Gancho	L.H. = LEFT HAND	Lado esquerdo
HORN	Buzina	LID	Placa, tampa
HOSE	Mangueira	LIFT	Levantar
HOUSING	Alojamento	LIFT CYLINDER	Cilindro de levantamento
HUB	Cubo	LIFTER	Tucho
HYDRAULIC	Hidráulico	LIFTING EYE	Olhal de levantamento
ID = INSIDE DIAMETER	Diâmetro interno	LIGHT GREEN	Verde claro
IDLER	Roda-guia	LIGHTING	Sistema de iluminação
IDLER & SHAFT	Roda-guia e eixo	LINE	Tubulação
IDLER GEAR	Engrenagem intermediária	LINER	Camisa
IDLER PULLEY	Polia intermediária	LINES & PUMP	Tubulação e bomba
IMPELLER	Impulsor, rotor	LINES & VALVE	Tubulação e válvula
IN = INCH	Polegada	LINING	Revestimento, lona
INCLUDES	Inclui	LINK	Elo
INDICATE	Indicam	LINKAGE	Articulação
INDICATOR	Indicador	LIP	Lábio, borda
INLAY	Incrustação	LISTED	Relacionamento
		LITERATURE	Literatura
		LOCATED	Localizado

NOMENCLATURA DE PEÇAS INGLÊS-PORTUGUÊS

INGLÊS	PORTUGUÊS	INGLÊS	PORTUGUÊS
LOCATOR	Localizador	NUT-JAM	Porca de trava, contraporca
LOCK	Trava	NUT-LOW CROWN	Porca de meia coroa
LOCKNUT	Contraporca	NUT-RETAINING	Porca de retenção
LOCKWASHER	Arruela de pressão	NUT-SELF LOCK	Porca de autotravamento
LOCKWIRE	Arame de trava	NUT-SLOTTED	Porca fendada
LONG	Longo	NUT-SPANNER	Porca para chaves
LOOM	Tubo isolador	O.D. = OUTSIDE	
LOW IDLE	Marcha lenta	DIAMETER	Diâmetro externo
LOUVER	Persiana	O-RING	Anel "O"
LOWER	Abaixar, inferior	OIL	Óleo
LUBRICANT	Lubrificante	OILPAN	Cárter
LUG	Ressalto, orelha	OIL PUMP	Bomba de óleo
MACHINE SCREW	Parafuso de fenda	OIL SYSTEM	Sistema de lubrificação
MAGNET	Ímã magneto	OILER	Almotolia, lubrificador
MAIN	Principal	ORANGE	Laranja
MAINTENANCE	Manutenção	TO ORDER	Para pedir
MANIFOLD	Coletor	ORIFICE	Orifício
MARKED	Marcado (a)	OUTER	Externo
MARKER	Marcador	OUTER RACE	Anel externo
MASTER PIN	Pino mestre	OUTPUT	Saída
MAT	Capacho, esteira	OVERALL	Geral, total
METER	Medidor, contador	OVERHAUL	Revisão
MINOR	Menor	OVER SIZE	Sobremedida
MIRROR	Espelho	PACKING	Embalagem, gaxeta
MISCELLANEOUS	Miscelânea	PAD	Coxim, calço
MODIFICATION	Modificação	PADLOCK	Cadeado
MOLDBOARD	Armação da lâmina	PAINT	Pintura
MOTOR	Motor	PAN	Cárter
MOULDING	Moldura	PANEL	Painel
MOUNT	Montar	PARKING BRAKE	Freio de estacionamento
MOUNTED	Montado (a)	PARTITION	Separação
MOUNTING	Montagem	PARTS G	Grupo de peças
MUFFLER	Silenciador	PARTS OF	Peça de
NAMEPLATE	Plaqueta de identificação	PARTS OF ALL ENGINE	
N.C. (THREAD)	Rosca grossa	ARRANGEMENTS ...	Peças de todos os arranjos do motor exceto
NEEDLE	Agulha	PAWL	Garra
N.F. (THREAD)	Rosca fina	PEDAL	Pedal
NIB	Ponta, bico	PEDESTAL	Pedestal
NIPPLE	Conexão	PERFORMANCE	Desempenho
NONE	Nenhum (a)	PILOT	Piloto
NORMALIZING	Normalização	PIN	Pino
NOT PART OF	Não faz parte de	PIN & BUSHING	Pino e bucha
NOZZLE	Bocal, bico injetor	PIN-COTTER	Contrapino
N/S = NOT		PINCH BAR	Pé de cabra
SERVICED	Não vendável	PINION	Pinhão
NUMBER (No)	Número (No)	PIPE	Tubo
NUT	Porca	PISTON	Pistão
NUT-WING	Porca borboleta	PIVOT	Articulação, pivô
NUT-CASTLE	Porca acastelada	PLANETARY	Planetário
NUT-WELD	Porca-soldada	PLATE	Placa
NUT-CAP	Porca cega	PLATFORM	Plataforma
NUT-HEX	Porca sextavada	PLUG	Bujão
NUT-LOCK	Contraporca	PLUNGER	Pistão, êmbolo
NUT-IMPERIAL	Porca imperial		

NOMENCLATURA DE PEÇAS INGLÊS-PORTUGUÊS

INGLÊS	PORTUGUÊS	INGLÊS	PORTUGUÊS
POINT	Ponta, ponto	RESIN	Resina
POINTER	Ponteiro	RESISTOR	Resistência
POLE & COIL	Polo e bobina	RETAINER	Fixador
POLE	Polo, lança, vara	RETARDER	Retardador
POPPET	Gatilho	REVERSIBLE	Reversível
POST	Poste, coluna	R.H. = RIGHT HAND ...	Lado direito
POTENTIOMETER	Potenciômetro	RIM	Aro
POWER TAKE OFF	Tomada de força	RIM & TIRE	Aro e pneu
POWER TRAIN	Trem de força	RING	Anel
PRE-SCREENER	Tela protetora	RIVET	Rebite
PRECHAMBER	Câmara de pré-combustão	ROCKET	Balancim
PRECLEANER	Pré-purificador	ROD	Haste
PRECOMBUSTION	Pré-combustão	ROD END	Extremidade da haste
PRESS	Prensa	ROLLER	Roleta
PRESS = PRESSURE ..	Pressão	ROPE-STARTING	Partida à corda
PREVIOUS	Prévio, anterior	ROTATOR	Girador
PRIMARY	Primário, principal	ROTOCHAMBER	Câmara pneumática
PROBE	Prova	ROTOCOIL	Girador de válvula
PROJECTOR	Projeter	ROTOR	Rotor
PROTECTION	Proteção	RUST INHIBITOR	Antioxidante
PROTECTOR	Protetor	SADDLE	Sela, assento
PULLER	Extrator, sacador	SAFETY	Segurança
PULLEY	Polia	SAFETY TREAD	Tiras antiderrapante
PUMP	Bomba	SCRAPER	Tampa
PURPLE	Roxo	SCREEN	Tela
PUSHROD	Haste de empuxo	SCREW	Parafuso
QTY = QUANTITY	Quantidade	SCREW-HEX HD	Parafuso de cabeça hexagonal
RACE	Pista	SCREW-KIT	Jogos de parafuso
RACE & ROLLER	Pista e rolete	SCREW-MACHINE	Parafuso de fenda
RACK	Cremalheira	SCREW-ROUND HD ...	Parafuso de cabeça redonda
RADIATOR	Radiador	SCREW-FLANGED	Parafuso com flange
RAIL	Trilho, guia	SCREW-LOCKING	Parafuso de trava
RANGE TRANSM	Transmissão manual	SCREW-THUMB	Parafuso de orelhas
RATCHET	Catraca	SCREWDRIVER	Chave de fenda
REAR	Traseiro (a)	SEAL	Retentor
REBORED	Escareado, alargado	SEALED UNIT	Unidade vedada
REBUILD KIT	Jogo de recondição	SEALER	Vedador isolante
RECEPTACLE	Recipiente	SEAT	Assento
RECTIFIER	Retificador	SECONDARY	Secundário
RED	Vermelho	SECTION	Seção
REDUCER	Redutor	SEGMENT	Segmento
REFER	Referir	SENDER	Emissor
REGULATOR	Regulador	SENSOR	Sensor
RELATED REPAIR ITEMS	Itens de reparos relacionados	SEPARATE	Separar, separado
RELAY	Relé	SEPARATOR	Separador
RELIEF VALVE	Válvula de alívio	SERIAL NUMBER PLATE	Placa de número de série
REPAIR G	Grupo de reparo	SERVICE	Serviço, manutenção
REPAIR KIT	Jogo de reparo	SERVICE KIT	Jogo de manutenção
REPAIR ITEMS	Itens de reparo	SERVICE METER	Horômetro
REPLACEMENT	Reposição, substituição	SETSCREW	Parafuso de fixação
REQUIRED	Necessário	SHACKLE	Grilheto, anel, manilha
RESERVOIR A	Reservatório	SHAFT	Eixo

NOMENCLATURA DE PEÇAS INGLÊS-PORTUGUÊS

INGLÊS	PORTUGUÊS	INGLÊS	PORTUGUÊS
SHANK	Porta-ponta do escarificador	STAPLE	Grampo
SHEAVE	Polia, roldana	STARTER	Arranque motor de partida
SHEET	Folha, lâmina	STATOR	Estator
SHELL	Invólucro, cápsula, casquilho	STEERING	Direção
SHIELD	Blindagem, protetor	STEM	Haste
SHIFT	Mudança	STEP	Degrau
SHIM	Calço	STICK	Vareta
SHIPPING	Embarque	STOP	Parar
SHOCK ABSORBER ...	Amortecedor de choques	STORAGE	Armazenagem
SHOCKMOUNT	Montagem a prova de choques	STRAINER	Tela filtrante
SHOE	Sapata	STRAP	Tira, cinta, suporte de fixação
SHORT	Curto	STREET ELL	Conexão cotovelo
SHOWN	Ilustrado, mostrado	STRIP	Tira, fita, listra
SHROUD	Tampa de proteção	STROKE	Curso do pistão
SHUNT	Derivação	STUD	Prisioneiro
SHUT OFF	Desligar, parada	SUMP	Tanque, reservatório
SHUTTLE	Pistão de vaivém	SUPPLY VALVE	Válvula de suprimento
SIDE	Lateral	SUPPORT	Suporte
SIDE VIEW	Vista lateral	SUSPENSION	Suspensão
SILICONE	Silicone	SWITCH	Interruptor
SINK	Absorvente de calor	SWIVEL	Articulação giratória
SKIVING	Desbaste	TAB	Tira, aba, lingüeta
SLACK ADJUSTER	Adjustador de folga	TABLE	Mesa
SLEEVE	Luva, manga, camisa	TACHOGRAPH	Tacógrafo
SLIDER	Cursor, deslizador	TACHOMETER	Tacômetro
SLIDE RAIL	Trilho deslizante	TAG	Etiqueta
SLING	Cabos, amarras, linga	TAIL LAMP	Farol traseiro
SLINGER	Defletor	TAN	Castanho
SLUG	Pistão de reação, pistãozinho	TANG	Lingüeta
SMALL	Pequeno	TANK	Tanque
SNAP RING	Anel de retenção, anel de pressão	TAP	Macho
SNUBBER	Amortecedor	TAPE	Fita
SOCKET	Soquete, tomada	TAPPET	Tucho
SOLENOID	Solenóide	TEE	Conexão em "T"
SPACER	Espaçador	TEMP. =	
SPARE	Sobressalente	TEMPERATURE	Temperatura
SPARK PLUG	Vela de ignição	TERMINAL	Terminal
SPECIAL	Especial	TEST UNIT	Unidade de teste
SPEEDOMETER	Velocímetro	TESTER	Aparelho de teste
SPIDER	Cruzeta	THERMISTOR	Termistor
SPINDLE	Ponta de eixo	THERMOCOUPLE	Termopar
SPLINE	Estria	THERMOMETER	Termômetro
SPOOL	Carretel	THERMOSTAT	Termostato
SPOUT	Calha, tubo	THERMOSWITCH	Interruptor térmico
SPRING	Mola	THICK	Grosso (a) espesso (a)
SPROCKET	Roda motriz, roda dentada	TIE	Ligação, tirante
STABILIZER	Estabilizador	THREAD (OF NUT)	Rosca (de porca)
STACK	Chaminé, cano de escapamento	THROTTLE	Acelerador de
STAND	Suporte, cavalete	THROWER	Defletor
STANDPIPE	Suporte vertical de sucção	THRU = THROUGH	Através de
		TIGHTENER	Tensor
		TILT CYLINDER	Cilindro de inclinação
		TIMING	Sincronização, Distribuição

NOMENCLATURA DE PEÇAS INGLÊS-PORTUGUÊS

INGLÊS	PORTUGUÊS	INGLÊS	PORTUGUÊS
TIP	Ponta	WELDNUT	Porca soldada
TIRE	Pneu	WHEEL	Roda
TIRE & RIM	Pneu e aro	WHITE	Branco
TONGUE	Língua, lingueta	WICK	Mecha, pavio
TOOL	Ferramenta	WINCH	Guincho
TOOLCABINET	Armário para ferramenta	WINDOW	Janela
TOOTH/TEETH	Dente/dentes	WINDSHIELD	Pára-brisa
TOP	Topo, parte superior	WIPER	Limpador
TORQUE	Torque	WIRE	Fio
TORQ. CONV.	Conversor de torque	WIRING	Sistema elétrico
TORQ. DIVIDER	Divisor de torque	WIRING DIAGRAM	Diagrama do sistema elétrico
TOWER	Torre	WITH	Com
TRACK	Esteira	WRAPPER	Invólucro, envoltório
TRACK PIN	Pino de esteira	WRENCH	Chave
TRACTOR	Trator	YELLOW	Amarelo
TRAILING UNIT	Unidade rebocada	YOKE	Garfo
TRANSFER	Decalcomania		
TRANSFORMER	Transformador		
TRANSISTOR	Transistor		
TRANSMISSION	Transmissão		
TRANSMISSION OVERHAUL	Revisão da transmissão		
TREAD	Piso, banda de rodagem		
TREADLE	Pedal		
TROLLY	Carrinho		
TRUCK	Caminhão		
TRUNNION	Munhão		
TUBE	Tubo, cano		
TUBING	Tubulagem canalização		
TURBINE	Turbina		
TURBOCHARGER	Turboalimentador		
U-BOLT	Parafuso em "U"		
U-JOINT	Junta universal		
UNDERSIZE	Submedida		
UNION	União		
UPPER	Superior		
USE AS REQUIRED	Usar conforme necessitar		
VALUE	Valor		
VALVE	Válvula		
VALVE GRINDING	Retificação das válvulas		
VEE BELT	Correia "V"		
VEE BELT SET	Jogo de correia em "V"		
VENT	Respiro		
VIEW	Vista		
VISE	Morsa, torno		
VISOR	Pára-sol		
WALKWAY	Passadiço, corredor		
WARNING G.	Grupo de alarma		
WASHER	Arruela		
WATER PUMP	Bomba d'água		
WEARPLATE	Placa de desgaste		
WEDGE	Cunha		
WEIGHT	Peso		
WELD	Solda		

MAINTENANCE PARTS

DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE
AIR INLET AND EXHAUST SYSTEM				
FILTER ELEMENT AS-AIR (PRIMARY)	131-8822	1	AIR CLEANER GP	67
FILTER ELEMENT AS-AIR (SECONDARY)	131-8821	1	AIR CLEANER GP	67
BASIC ENGINE				
BELT-SERPENTINE	294-1781	1	PULLEY GP-ENGINE	33
	297-7825	1	PULLEY GP-ENGINE	35
CAP (ENGINE OIL FILLER)	294-1708	1	COVER GP-VALVE MECHANISM	9
GASKET (VALVE COVER)	294-1706	1	COVER GP-VALVE MECHANISM	9
COOLING SYSTEM				
CAP AS (COOLANT RECOVERY)	171-3369	1	RADIATOR & HYD OIL COOLER GP	58
CAP AS-RADIATOR	245-9212	1	RADIATOR & HYD OIL COOLER GP	62
		1	RADIATOR & HYD OIL COOLER GP	64
GASKET (REGULATOR)	5I-7735	1	LINES GP-WATER	55
HOSE-LOWER RADIATOR	245-9178	1	RADIATOR & HYD OIL COOLER GP	58
		1	RADIATOR & HYD OIL COOLER GP	60
HOSE-UPPER RADIATOR	265-3602	1	RADIATOR & HYD OIL COOLER GP	58
		1	RADIATOR & HYD OIL COOLER GP	60
REGULATOR (COOLANT)	5I-8010	1	LINES GP-WATER	55
ELECTRICAL AND STARTING SYSTEM				
BATTERY (12-VOLT, MAINTENANCE FREE)	3T-5760	2	BATTERY & WIRING GP	117
		2	BATTERY & WIRING GP	119
CIRCUIT BREAKER AS (120-AMPERE) (HEATER)	216-4970	1	PANEL GP-CIRCUIT BREAKER	149
CIRCUIT BREAKER AS (60-AMPERE) (ALTERNATOR)	171-2208	1	PANEL GP-CIRCUIT BREAKER	149
CIRCUIT BREAKER AS (80-AMPERE) (MAIN)	171-2210	1	PANEL GP-CIRCUIT BREAKER	149
FUSE (10-AMPERE)	113-8490	20	WIRING GP-CAB	172
FUSE (15-AMPERE)	113-8491	5	WIRING GP-CAB	172
FUSE (20-AMPERE)	113-8492	3	WIRING GP-CAB	172
FUSE (30-AMPERE)	124-3548	2	WIRING GP-CAB	172
FUSE (5-AMPERE)	141-2759	7	WIRING GP-CAB	172
KEY (BATTERY DISCONNECT)	8H-5306	1	SWITCH GP-DISCONNECT	159
LAMP AS (24-VOLT, 3-WATT)	170-9324	1	PANEL GP-SWITCH	151
LAMP-HALOGEN (24-VOLT, 65-WATT)	9X-3463	1	LAMP GP-FLOOD	139
		1	LAMP GP-FLOOD	140
		1	LIGHTING GP-FLOOD	142
FUEL SYSTEM				
CAP GP-FUEL FILLER (EXTREME SERVICE, LOCKABLE)	164-4858	1	TANK GP-FUEL	105
		1	TANK GP-FUEL	106
		1	TANK GP-FUEL	108
		1	TANK GP-FUEL	110
FILTER AS-FUEL	1R-0751	2	FILTER GP-FUEL	84
FILTER AS-WATER SEP & FUEL (PRIMARY)	1R-0770	1	FILTER GP-WATER SEP & FUEL	88
GASKET	294-1820	1	FILTER GP-FUEL	84
STRAINER AS-FUEL	229-1860	1	PUMP GP-REFUELING	98

MAINTENANCE PARTS

DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE
HYDRAULIC SYSTEM				
BREATHER	4H-6112	1	DRIVE GP-SWING	303
BREATHER GP (HYDRAULIC TANK)	227-0590	1	TANK & FILTER GP-HYDRAULIC	482
ELEMENT (FLEXIBLE RUBBER)	7Y-0463	1	COUPLING GP-FLEXIBLE	285
FILTER AS-OIL (ADVANCED EFFICIENCY)	093-7521	1	FILTER GP-OIL	313
FILTER AS-OIL (ADVANCED EFFICIENCY) (HYDRAULIC)	5I-8670	1	FILTER & VALVE GP-PILOT	308
FILTER AS-OIL (HYDRAULIC) (PILOT)	126-1813	1	FILTER & VALVE GP-PILOT	307
FILTER ELEMENT AS-OIL	179-9806	1	FILTER GP-OIL	311
PLUG-DRAIN (HYDRAULIC OIL)	4B-7739	1	TANK & FILTER GP-HYDRAULIC	482
SCREEN AS (HYDRAULIC TANK)	209-6000	1	SCREEN GP-HYDRAULIC	479
LUBRICATION SYSTEM				
BREATHER (CRANKCASE)	5I-7725	1	BREATHER GP	40
FILTER AS-ENGINE OIL	1R-0739	1	FILTER & MTG GP-ENGINE OIL	41
OPERATOR STATION				
BLADE AS-WIPER (600-MM)	161-3670	1	WIPER GP-WINDOW	725
CAP AS (WINDOW WASHER)	178-5431	1	WASHER GP-WINDOW	716
FILTER-AIR (CAB)	293-1184	1	DUCT GP-CAB AIR	681
FILTER (AIR CONDITIONER)	245-7823	1	AIR CONDITIONER GP	636
FILTER AS-AIR (CAB)	293-1183	1	CAB GP	648
LAMP (24-VOLT, 10-WATT)	201-4417	1	CAB GP	644
RECEIVER DRYER AS (REFRIGERANT)	176-1902	1	LINES GP-AIR CONDITIONER	695
SEAT BELT GP (RETRACTABLE, 3-IN)	235-9020	1	SEAT GP	709
V-BELT (AIR CONDITIONER COMPRESSOR)	255-2927	1	COMPRESSOR GP-REFRIGERANT	652

PIÈCES DE RECHANGE

DESCRIPTION	NUMÉRO DE PIÈCES	QTÉ	DOMAINE D'APPLICATION	PAGE
CIRCUIT D'ADMISSION D'AIR ET D'ÉCHAPPEMENT				
ÉLÉMENT DE FILTRE À AIR (ENS) (PRINCIPAL)	131-8822	1	FILTRE A AIR (ASS)	67
ÉLÉMENT DE FILTRE À AIR (ENS) (SECONDAIRE)	131-8821	1	FILTRE A AIR (ASS)	67
CIRCUIT DE CARBURANT				
BOUCHON DE GOULOTTE DE CARBURANT (ASS) (SERVICE INTENSIF, VERROUILLABLE)	164-4858	1	RÉSERVOIR DE CARBURANT (ASS)	105
		1	RÉSERVOIR DE CARBURANT (ASS)	106
		1	RÉSERVOIR DE CARBURANT (ASS)	108
		1	RÉSERVOIR DE CARBURANT (ASS)	110
CRÉPINE - CARBURANT (ENS)	229-1860	1	POMPE DE REMPLISSAGE DE CARBURANT	98
FILTRE - SÉPARATEUR D'EAU ET DE CARBURANT (ENS) (PRINCIPAL)	1R-0770	1	FILTRE DE SÉPARATEUR D'EAU ET DE CARBURANT (ASS)	88
FILTRE A CARBURANT (ENS)	1R-0751	2	FILTRE A CARBURANT (ASS)	84
JOINT PLAT	294-1820	1	FILTRE A CARBURANT (ASS)	84
CIRCUIT DE GRAISSAGE				
FILTRE A HUILE MOTEUR (ENS)	1R-0739	1	FILTRE ET MONTAGE - HUILE MOTEUR (ASS)	41
RENIFLARD (VILEBREQUIN)	5I-7725	1	RENIFLARD (ASS)	40
CIRCUIT DE REFROIDISSEMENT				
BOUCHON DE RADIATEUR (ENS)	245-9212	1	RADIATEUR ET REFROIDISSEUR D'HUILE HYDRAULIQUE (ASS)	62
		1	RADIATEUR ET REFROIDISSEUR D'HUILE HYDRAULIQUE (ASS)	64
CHAPEAU (ENS) (VASE D'EXPANSION DE LIQUIDE DE REFROIDISSEMENT)	171-3369	1	RADIATEUR ET REFROIDISSEUR D'HUILE HYDRAULIQUE (ASS)	58
FLEXIBLE DE RADIATEUR INFÉRIEUR	245-9178	1	RADIATEUR ET REFROIDISSEUR D'HUILE HYDRAULIQUE (ASS)	58
		1	RADIATEUR ET REFROIDISSEUR D'HUILE HYDRAULIQUE (ASS)	60
FLEXIBLE DE RADIATEUR SUPÉRIEUR	265-3602	1	RADIATEUR ET REFROIDISSEUR D'HUILE HYDRAULIQUE (ASS)	58
		1	RADIATEUR ET REFROIDISSEUR D'HUILE HYDRAULIQUE (ASS)	60
JOINT PLAT (RÉGULATEUR)	5I-7735	1	CANALISATIONS D'EAU (ASS)	55
RÉGULATEUR (LIQUIDE DE REFROIDISSEMENT)	5I-8010	1	CANALISATIONS D'EAU (ASS)	55

* TRADUCTION NON DISPONIBLE AU MOMENT DE LA PUBLICATION

PIÈCES DE RECHANGE

DESCRIPTION	NUMÉRO DE PIÈCES	QTÉ	DOMAINE D'APPLICATION	PAGE
CIRCUIT ÉLECTRIQUE ET DE DÉMARRAGE				
BATTERIE (12V, SANS ENTRETIEN)	3T-5760	2	BATTERIE ET CÂBLAGE	117
		2	BATTERIE ET CÂBLAGE	119
CLÉ (COUPE-BATTERIE)	8H-5306	1	ROBINET DE BATTERIE (ASS)	159
DISJONCTEUR (ENS) (120A) (RÉCHAUFFEUR)	216-4970	1	DISJONCTEUR DU PANNEAU DE COMMANDE (ASS)	149
DISJONCTEUR (ENS) (60A) (ALTERNATEUR)	171-2208	1	DISJONCTEUR DU PANNEAU DE COMMANDE (ASS)	149
DISJONCTEUR (ENS) (80A) (PRINCIPAL)	171-2210	1	DISJONCTEUR DU PANNEAU DE COMMANDE (ASS)	149
FUSIBLE (10A)	113-8490	20	CÂBLAGE DE CABINE (ASS)	172
FUSIBLE (15A)	113-8491	5	CÂBLAGE DE CABINE (ASS)	172
FUSIBLE (20A)	113-8492	3	CÂBLAGE DE CABINE (ASS)	172
FUSIBLE (30A)	124-3548	2	CÂBLAGE DE CABINE (ASS)	172
FUSIBLE (5A)	141-2759	7	CÂBLAGE DE CABINE (ASS)	172
LAMPE (ENS) (24V, 3W)	170-9324	1	INTERRUPTEURS DU PANNEAU (ASS)	151
LAMPE HALOGÈNE (24V, 65W)	9X-3463	1	ÉCLAIRAGE - PROJECTEURS (ASS)	142
		1	LAMPE - PHARE (ASS)	139
		1	LAMPE - PHARE (ASS)	140
CIRCUIT HYDRAULIQUE				
BOUCHON DE VIDANGE (HUILE HYDRAULIQUE)	4B-7739	1	RÉSERVOIR HYDRAULIQUE ET FILTRE (ASS)	482
ÉCRAN (ENS) (RÉSERVOIR HYDRAULIQUE)	209-6000	1	ÉCRAN (ASS)-HYDRAULIQUE	479
ÉLÉMENT DE FILTRE À HUILE (ENS)	179-9806	1	FILTRE A HUILE (ASS)	311
ÉLÉMENT (*FLEXIBLE RUBBER)	7Y-0463	1	ACCOUPLEMENT FLEXIBLE (ASS)	285
FILTRE À HUILE (ENS) (EFFICACITÉ AVANCÉE)	093-7521	1	FILTRE A HUILE (ASS)	313
FILTRE À HUILE (ENS) (EFFICACITÉ AVANCÉE) (HYDRAULIQUE)	5I-8670	1	FILTRE ET SOUPAPE PILOTE (ASS)	308
FILTRE À HUILE (ENS) (HYDRAULIQUE) (PILOTE)	126-1813	1	FILTRE ET SOUPAPE PILOTE (ASS)	307
RENIFLARD	4H-6112	1	ENTRAÎNEMENT D'ORIENTATION (ASS)	303
RENIFLARD (ASS) (RÉSERVOIR HYDRAULIQUE)	227-0590	1	RÉSERVOIR HYDRAULIQUE ET FILTRE (ASS)	482
MOTEUR STANDARD				
CHAPEAU (GOULOTTE DE REMPLISSAGE D'HUILE MOTEUR)	294-1708	1	CACHE-SOUPAPES (ASS)	9
COURROIE MULTIPLE	294-1781	1	POULIE-MOTEUR (ASS)	33
	297-7825	1	POULIE-MOTEUR (ASS)	35
JOINT PLAT (CACHE-SOUPAPES)	294-1706	1	CACHE-SOUPAPES (ASS)	9

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PIÈCES DE RECHANGE

DESCRIPTION	NUMÉRO DE PIÈCES	QTÉ	DOMAINE D'APPLICATION	PAGE
POSTE DE CONDUITE				
AMPOULE (24V, 10W)	201-4417	1	CABINE (ASS)	644
BALAI D'ESSUIE-GLACE (ENS) (*600-MM)	161-3670	1	ESSUIE-GLACE (ASS)	725
CEINTURE DE SECURITE (ASS) (ENROULEUR, 3-PO)	235-9020	1	SIÈGE (ASS)	709
CHAPEAU (ENS) (LAVE-VITRE)	178-5431	1	LAVE-GLACE - VITRE (ASS)	716
COURROIE TRAPEZOIDALE (COMPRESSEUR DE CLIMATISEUR)	255-2927	1	COMPRESSEUR DE REFRIGERANT (ASS)	652
FILTRE À AIR (CABINE)	293-1184	1	GAINE D'AIR (ASS)	681
FILTRE A HUILE (ENS) (CABINE)	293-1183	1	CABINE (ASS)	648
FILTRE (CLIMATISEUR)	245-7823	1	CLIMATISEUR (ASS)	636
RÉCEPTEUR-DÉSHYDRATEUR (ENS) (RÉFRIGÉRANT)	176-1902	1	CANALISATIONS DE CLIMATISEUR (ASS)	695

* TRADUCTION NON DISPONIBLE AU MOMENT DE LA PUBLICATION

PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
COMPARTIMIENTO DEL OPERADOR				
CINTURÓN DE SEGURIDAD (GR) (RETRÁCTIL DE 3 PULG)	235-9020	1	ASIENTO (GR)	709
CORREA TRAPEZOIDAL (COMPRESOR DE AIRE ACONDICIONADO)	255-2927	1	COMPRESOR DE REFRIGERANTE (GR)	652
FILTRO (ACONDICIONADOR DE AIRE)	245-7823	1	ACONDICIONADOR DE AIRE (GR)	636
FILTRO DE AIRE (CABINA)	293-1184	1	CONDUCTO DE AIRE (GR)	681
FILTRO DE AIRE (CONJ) (CABINA)	293-1183	1	CABINA (GR)	648
HOJA DE LIMPIAPARABRISAS (CONJ) (*600-MM)	161-3670	1	LIMPIAPARABRISAS DE LA VENTANA (GR)	725
LÁMPARA (24 VOLTIOS, 10 VATIOS)	201-4417	1	CABINA (GR)	644
SECADOR DE RECEPTOR (CONJ) (REFRIGERANTE)	176-1902	1	TUBERÍAS DE ACONDICIONADOR DE AIRE (GR)	695
TAPÓN (CONJ) (LAVAPARABRISAS)	178-5431	1	LAVAPARABRISAS DE LA VENTANA (GR)	716
MOTOR BÁSICO				
CORREA-SERPENTIN	294-1781	1	POLEA DE MOTOR (GR)	33
	297-7825	1	POLEA DE MOTOR (GR)	35
EMPAQUETADURA (TAPA DE VÁLVULA)	294-1706	1	TAPA DEL MECANISMO DE VÁLVULAS (GR)	9
TAPA (LLENADO DE ACEITE DE MOTOR)	294-1708	1	TAPA DEL MECANISMO DE VÁLVULAS (GR)	9
SISTEMA DE ADMISION Y ESCAPE DE AIRE				
ELEMENTO DEL FILTRO DE AIRE (CONJ) (PRIMARIO)	131-8822	1	FILTRO DE AIRE (GR)	67
ELEMENTO DEL FILTRO DE AIRE (CONJ) (SECUNDARIO)	131-8821	1	FILTRO DE AIRE (GR)	67
SISTEMA DE COMBUSTIBLE				
COLADOR DE COMBUSTIBLE (CONJ)	229-1860	1	BOMBA DE REABASTECIMIENTO (GR)	98
EMPAQUETADURA	294-1820	1	FILTRO DE COMBUSTIBLE (GR)	84
FILTRO DE COMBUSTIBLE (CONJ)	1R-0751	2	FILTRO DE COMBUSTIBLE (GR)	84
FILTRO DE COMBUSTIBLE Y SEPARADOR DE AGUA (CONJ) (PRIMARIO)	1R-0770	1	FILTRO DE COMBUSTIBLE Y SEPARADOR DE AGUA (GR)	88
TAPA DEL TUBO DE LLENADO DE COMBUSTIBLE (GR) (SERVICIO PESADO, TRABABLE)	164-4858	1	COMBUSTIBLE - TANQUE DE (GR)	105
		1	COMBUSTIBLE - TANQUE DE (GR)	106
		1	COMBUSTIBLE - TANQUE DE (GR)	108
		1	COMBUSTIBLE - TANQUE DE (GR)	110

* NO HAY TRADUCCION DISPONIBLE EN EL MOMENTO DE LA IMPRESION

PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
SISTEMA DE ENFRIAMIENTO				
EMPAQUETADURA (REGULADOR)	5I-7735	1	TUBERÍAS DEL AGUA (GR)	55
*HOSE-UPPER RADIATOR	265-3602	1	RADIADOR Y ENFRIADOR DE ACEITE HIDRÁULICO (GR)	58
		1	RADIADOR Y ENFRIADOR DE ACEITE HIDRÁULICO (GR)	60
MANGUERA, RADIADOR INFERIOR	245-9178	1	RADIADOR Y ENFRIADOR DE ACEITE HIDRÁULICO (GR)	58
		1	RADIADOR Y ENFRIADOR DE ACEITE HIDRÁULICO (GR)	60
REGULADOR (REFRIGERANTE)	5I-8010	1	TUBERÍAS DEL AGUA (GR)	55
TAPA DE RADIADOR (CONJ)	245-9212	1	RADIADOR Y ENFRIADOR DE ACEITE HIDRÁULICO (GR)	62
		1	RADIADOR Y ENFRIADOR DE ACEITE HIDRÁULICO (GR)	64
TAPÓN (CONJ) (COLECTOR DE REFRIGERANTE)	171-3369	1	RADIADOR Y ENFRIADOR DE ACEITE HIDRÁULICO (GR)	58
SISTEMA DE LUBRICACIÓN				
FILTRO DE ACEITE DEL MOTOR (CONJ)	1R-0739	1	FILTRO DE ACEITE DEL MOTOR Y MONTAJE (GR)	41
RESPIRADERO (CÁRTER DEL MOTOR)	5I-7725	1	RESPIRADERO (GR)	40
SISTEMA ELÉCTRICO Y DE ARRANQUE				
BATERÍA (12-VOLTIOS, LIBRE DE MANTENIMIENTO)	3T-5760	2	BATERÍA Y CABLES (GR)	117
		2	BATERÍA Y CABLES (GR)	119
DISYUNTOR (CONJ) (120 AMPERIOS) (CALEFACTOR)	216-4970	1	PANEL DE DISYUNTORES (GR)	149
DISYUNTOR (CONJ) (60 AMPERIOS) (ALTERNADOR)	171-2208	1	PANEL DE DISYUNTORES (GR)	149
DISYUNTOR (CONJ) (80 AMPERIOS) (PRINCIPAL)	171-2210	1	PANEL DE DISYUNTORES (GR)	149
FUSIBLE (10-AMPERIOS)	113-8490	20	CABLES DE LA CABINA (GR)	172
FUSIBLE (15 AMPERIOS)	113-8491	5	CABLES DE LA CABINA (GR)	172
FUSIBLE (20-AMPERIOS)	113-8492	3	CABLES DE LA CABINA (GR)	172
FUSIBLE (30-AMPERIOS)	124-3548	2	CABLES DE LA CABINA (GR)	172
FUSIBLE (5-AMPERIOS)	141-2759	7	CABLES DE LA CABINA (GR)	172
LÁMPARA (CONJ) (24-VOLTIOS, 3-VATIOS)	170-9324	1	TABLERO DE INTERRUPTOR (GR)	151
LLAVE (INTERRUPTOR GENERAL)	8H-5306	1	DISYUNTOR (GR)	159
LUCES DE ALÓGENO (24 VOLTIOS, 65 VATIOS)	9X-3463	1	LUCES DE REFLECTOR (GR)	142
		1	REFLECTOR (GR)	139
		1	REFLECTOR (GR)	140

* NO HAY TRADUCCION DISPONIBLE EN EL MOMENTO DE LA IMPRESION

PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
SISTEMA HIDRÁULICO				
ELEMENTO DE FILTRO DE ACEITE (CONJ)	179-9806	1	FILTRO DE ACEITE (GR)	311
ELEMENTO (*FLEXIBLE RUBBER)	7Y-0463	1	ACOPLAMIENTO FLEXIBLE (GR)	285
FILTRO DE ACEITE (CONJ) (EFICIENCIA AVANZADA)	093-7521	1	FILTRO DE ACEITE (GR)	313
FILTRO DE ACEITE (CONJ) (EFICIENCIA AVANZADA) (HIDRÁULICO)	5I-8670	1	GRUPO DE FILTRO Y VÁLVULA, PILOTO	308
FILTRO DE ACEITE (CONJ) (HIDRAULICO) (PILOTO)	126-1813	1	GRUPO DE FILTRO Y VÁLVULA, PILOTO	307
PANTALLA (CONJ) (TANQUE HIDRAULICO)	209-6000	1	REJILLA DEL SISTEMA HIDRÁULICO(GR)	479
RESPIRADERO	4H-6112	1	MANDO DE ROTACIÓN (GR)	303
RESPIRADERO (GR) (TANQUE HIDRAULICO)	227-0590	1	TANQUE Y FILTRO HIDRÁULICOS (GR)	482
TAPÓN DE DRENAJE (ACEITE HIDRÁULICO)	4B-7739	1	TANQUE Y FILTRO HIDRÁULICOS (GR)	482

* NO HAY TRADUCCION DISPONIBLE EN EL MOMENTO DE LA IMPRESION

PEÇAS DE MANUTENÇÃO

DESCRIÇÃO	NÚMERO DE PEÇA	QUANT	UTILIZADA EM	PÁGINA
MOTOR BÁSICO				
CORREIA- SERPENTINA	294 - 1781	1	POLIA DO MOTOR	33
	297 - 7825	1	POLIA DO MOTOR	35
JUNTA (MECANISMO DAS VÁLVULAS - TAMPA)	294 - 1706	1	TAMPA - MECANISMO DAS VÁLVULAS	9
TAMPA (BOCAL DE ENCHIMENTO DO OLEO DO MOTOR)	294 - 1708	1	TAMPA - MECANISMO DAS VÁLVULAS	9
POSTO DO OPERADOR				
CINTO DE SEGURANÇA (RETRÁTIL, 3 POL)	235 - 9020	1	ASSENTO	709
CORREIA EM V (COMPRESSOR DO AR CONDICIONADO)	255 - 2927	1	COMPRESSOR DE REFRIGERANTE	652
FILTRO - AR (CABINE)	293 - 1183	1	CABINE	648
	293 - 1184	1	DUCTO DE AR	681
FILTRO (CONDICIONADOR DE AR)	245 - 7823	1	CONDICIONADOR DE AR	636
LÂMINA DO LIMPADOR DE PÁRA-BRISA (600 MM)	161 - 3670	1	LIMPADOR DO VIDRO	725
LÂMPADA (24 VOLTS, 10 WATTS)	201 - 4417	1	CABINE	644
RECEPTOR SECADOR (REFRIGERANTE)	176 - 1902	1	TUBOS - AR CONDICIONADO	695
TAMPA (LAVADOR DE VIDROS)	178 - 5431	1	LAVADOR DO VIDRO	716
SISTEMA DA ADMISSÃO DE AR E DE ESCAPE				
ELEMENTO DO FILTRO DE AR (PRIMÁRIO)	131 - 8822	1	PURIFICADOR DE AR	67
ELEMENTO DO FILTRO DE AR (SECUNDÁRIO)	131 - 8821	1	PURIFICADOR DE AR	67
SISTEMA DE ARREFECIMENTO				
JUNTA (REGULADOR)	5I - 7735	1	TUBOS - ÁGUA	55
MANGUEIRA-RADIADOR INFERIOR	245 - 9178	1	RADIADOR E ARREFECEDOR DO ÓLEO HIDRÁULICO	58
		1	RADIADOR E ARREFECEDOR DO ÓLEO HIDRÁULICO	60
MANGUEIRA-RADIADOR SUPERIOR	265 - 3602	1	RADIADOR E ARREFECEDOR DO ÓLEO HIDRÁULICO	58
		1	RADIADOR E ARREFECEDOR DO ÓLEO HIDRÁULICO	60
REGULADOR (LÍQUIDO ARREFECEDOR)	5I - 8010	1	TUBOS - ÁGUA	55
TAMPA - RADIADOR	245 - 9212	1	RADIADOR E ARREFECEDOR DO ÓLEO HIDRÁULICO	62
		1	RADIADOR E ARREFECEDOR DO ÓLEO HIDRÁULICO	64
TAMPA (RECUPERAÇÃO DO LÍQUIDO ARREFECEDOR)	171 - 3369	1	RADIADOR E ARREFECEDOR DO ÓLEO HIDRÁULICO	58

PEÇAS DE MANUTENÇÃO

DESCRIÇÃO	NÚMERO DE PEÇA	QUANT	UTILIZADA EM	PÁGINA
SISTEMA DE COMBUSTÍVEL				
FILTRO - COMBUSTÍVEL	1R-0751	2	FILTRO - COMBUSTÍVEL	84
FILTRO - SEPARADOR DE ÁGUA E COMBUSTÍVEL (PRIMÁRIO)	1R-0770	1	FILTRO DE COMBUSTÍVEL E SEPARADOR DE ÁGUA	88
JUNTA	294-1820	1	FILTRO - COMBUSTÍVEL	84
TAMPA - BOCAL DE ENCHIMENTO DE COMBUSTÍVEL (SERVIÇO PESADO, TRAVÁVEL)	164-4858	1	TANQUE DE COMBUSTÍVEL	105
		1	TANQUE DE COMBUSTÍVEL	106
		1	TANQUE DE COMBUSTÍVEL	108
		1	TANQUE DE COMBUSTÍVEL	110
TELA FILTRANTE - COMBUSTÍVEL	229-1860	1	BOMBA DE REABASTECIMENTO	98
SISTEMA DE LUBRIFICAÇÃO				
FILTRO - ÓLEO DO MOTOR	1R-0739	1	FILTRO E MONTAGEM - ÓLEO DO MOTOR	41
RESPIRO (CÁRTER)	5I-7725	1	RESPIRO	40
SISTEMA ELÉTRICO E DE PARTIDA				
BATERIA (12 VOLTS, ISENTA DE MANUTENÇÃO)	3T-5760	2	BATERIA E CABOS / FIOS ELÉTRICOS	117
		2	BATERIA E CABOS / FIOS ELÉTRICOS	119
CHAVE (DESCONEXÃO DA BATERIA)	8H-5306	1	CHAVE GERAL	159
DISJUNTOR AUTOMÁTICO DE CIRCUITO (120 AMPÈRES) (AQUECEDOR)	216-4970	1	PAINEL - DISJUNTOR ELÉTRICO AUTOMÁTICO	149
DISJUNTOR AUTOMÁTICO DE CIRCUITO (60 AMPERES) (ALTERNADOR)	171-2208	1	PAINEL - DISJUNTOR ELÉTRICO AUTOMÁTICO	149
DISJUNTOR AUTOMÁTICO DE CIRCUITO (80 AMPERES) (PRINCIPAL)	171-2210	1	PAINEL - DISJUNTOR ELÉTRICO AUTOMÁTICO	149
FUSÍVEL (10 AMPERES)	113-8490	20	CABOS/FIOS ELÉTRICOS - CABINE	172
FUSÍVEL (15 AMPERES)	113-8491	5	CABOS/FIOS ELÉTRICOS - CABINE	172
FUSÍVEL (20-AMPERES)	113-8492	3	CABOS/FIOS ELÉTRICOS - CABINE	172
FUSÍVEL (30 AMPERES)	124-3548	2	CABOS/FIOS ELÉTRICOS - CABINE	172
FUSÍVEL (5 AMPÈRES)	141-2759	7	CABOS/FIOS ELÉTRICOS - CABINE	172
LÂMPADA - HALOGÊNEO (24 VOLTS, 65 WATTS)	9X-3463	1	LÂMPADA - FAROL	139
		1	LÂMPADA - FAROL	140
		1	SISTEMA DE ILUMINAÇÃO - FARÓIS	142
LÂMPADA (24 VOLTS, 3 WATTS)	170-9324	1	PAINEL - INTERRUPTOR	151

PEÇAS DE MANUTENÇÃO

DESCRIÇÃO	NÚMERO DE PEÇA	QUANT	UTILIZADA EM	PÁGINA
SISTEMA HIDRÁULICO				
BUJÃO DO DRENO (ÓLEO HIDRÁULICO)	4B-7739	1	TANQUE HIDRÁULICO E FILTRO	482
ELEMENTO (BORRACHA FLEXÍVEL)	7Y-0463	1	ACOPLAMENTO FLEXÍVEL	285
ELEMENTO FILTRANTE - ÓLEO	179-9806	1	FILTRO - ÓLEO	311
FILTRO - ÓLEO (EFICIÊNCIA AVANÇADA)	093-7521	1	FILTRO - ÓLEO	313
FILTRO - ÓLEO (EFICIÊNCIA AVANÇADA) (HIDRÁULICO)	5I-8670	1	FILTRO E VÁLVULA - PILOTO	308
FILTRO - ÓLEO (HIDRÁULICO) (PILOTO)	126-1813	1	FILTRO E VÁLVULA - PILOTO	307
RESPIRO	4H-6112	1	COMANDO DE GIRO	303
RESPIRO (TANQUE HIDRÁULICO)	227-0590	1	TANQUE HIDRÁULICO E FILTRO	482
TELA FILTRANTE (TANQUE HIDRÁULICO)	209-6000	1	TELA - SIST. HIDRÁULICO	479

WARTUNGSTEILE

BESCHREIBUNG	ERSATZTEIL- NUMMER	MENGE	VERWENDET IN	SEITE
ELEKTRISCHE ANLAGE U. STARTSYSTEM				
BATTERIE (12 V, WARTUNGSFREI)	3T-5760	2	BATTERIE UND VERDRAHTUNG	117
		2	BATTERIE UND VERDRAHTUNG	119
BELEUCHTUNGSANLAGE (24 V, 3 W)	170-9324	1	SCHALTТАFEL	151
HALOGENSCHINWERFER (24V)(65W)	9X-3463	1	ARBEITSLEUCHTEN	139
		1	ARBEITSLEUCHTEN	140
		1	ARBEITSLEUCHTEN	142
SCHLÜSSEL (ELEKTRISCHER HAUPTSCHALTER)	8H-5306	1	TRENNSCHALTER	159
SICHERUNG (10 A)	113-8490	20	FAHRERHAUSVERDRAHTUNG	172
SICHERUNG (15 A)	113-8491	5	FAHRERHAUSVERDRAHTUNG	172
SICHERUNG (20 A)	113-8492	3	FAHRERHAUSVERDRAHTUNG	172
SICHERUNG (30 A)	124-3548	2	FAHRERHAUSVERDRAHTUNG	172
SICHERUNG (5 A)	141-2759	7	FAHRERHAUSVERDRAHTUNG	172
UNTERBRECHER (120 A) (HEIZUNG)	216-4970	1	UNTERBRECHER - INSTRUMENTEN- TAFEL	149
UNTERBRECHER (60 A) (DREHSTROM- GENERATOR)	171-2208	1	UNTERBRECHER - INSTRUMENTEN- TAFEL	149
UNTERBRECHER (80 A) (HAUPTUN- TERBRECHER)	171-2210	1	UNTERBRECHER - INSTRUMENTEN- TAFEL	149
FAHRERHAUS				
FILTER (KLIMAAANLAGE)	245-7823	1	KLIMAAANLAGE	636
KAPPE (SCHEIBENWASCHER)	178-5431	1	SCHEIBENWASCHANLAGE	716
KEILRIEMEN (KLIMAAANLAGEN- KOMRESSOR)	255-2927	1	KÄLTEMITTELKOMPRESSOR	652
LEUCHTE (24V, 10W)	201-4417	1	FAHRERHAUS	644
LUFTFILTER (FAHRERHAUS)	293-1183	1	FAHRERHAUS	648
	293-1184	1	LUFTKANAL	681
SCHEIBENWISCHERBLATT (*600-MM)	161-3670	1	SCHEIBENWISCHER	725
SICHERHEITSGURT (EINZIEHBAR, 3 ZOLL)	235-9020	1	FAHRERSITZ	709
TROCKNERSAMMLER (KÜHLMITTEL)	176-1902	1	KLIMAAANLAGENLEITUNGEN	695
HYDRAULIKSYSTEM				
ABLASSTOPFEN (HYDRAULIKÖL)	4B-7739	1	HYDRAULIKTANK UND SCHMIERFIL- TER	482
ELEMENT (*FLEXIBLE RUBBER)	7Y-0463	1	ANSCHLUSS, ELAST.	285
ENTLÜFTER	4H-6112	1	SCHWENKANTRIEB	303
ENTLÜFTER (HYDRAULIKTANK)	227-0590	1	HYDRAULIKTANK UND SCHMIERFIL- TER	482
ÖLFILTER (HOCHLEISTUNG)	093-7521	1	ÖLFILTER	313
ÖLFILTER (HOCHLEISTUNG) (HYDRAULIK)	5I-8670	1	FILTER U. VENTIL - VORSTEUERUNG	308
ÖLFILTER (HYDRAULISCH) (VORSTEUERUNG)	126-1813	1	FILTER U. VENTIL - VORSTEUERUNG	307
ÖLFILTERELEMENT	179-9806	1	ÖLFILTER	311
SIEB (HYDRAULIKTANK)	209-6000	1	HYDRAULIKSIEB	479

* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN

WARTUNGSTEILE

BESCHREIBUNG	ERSATZTEIL- NUMMER	MENGE	VERWENDET IN	SEITE
KRAFTSTOFFSYSTEM				
DICHTUNG	294 - 1820	1	KRAFTSTOFFFILTER	84
KRAFTSTOFFFILTERKAPPE (SCHWEREINSATZ, SPERRBAR)	164 - 4858	1	KRAFTSTOFFTANK	105
		1	KRAFTSTOFFTANK	106
		1	KRAFTSTOFFTANK	108
		1	KRAFTSTOFFTANK	110
KRAFTSTOFFFILTER	1R - 0751	2	KRAFTSTOFFFILTER	84
KRAFTSTOFFSIEB	229 - 1860	1	BETANKUNGSPUMPE	98
WASSERABSCHIEDER UND KRAFTST- OFFILTER (HAUPTTELEMENT)	1R - 0770	1	WASSERABSCHIEDER- U. KRAFTSTOFFFILTER	88
KÜHLSYSTEM				
DICHTUNG (REGULATOR)	5I - 7735	1	KÜHLWASSERLEITUNGEN	55
KAPPE (KÜHLMITTELAUFFANG)	171 - 3369	1	KÜHLER UND HYDRAULIKÖLKÜHLER	58
KÜHLERKAPPE	245 - 9212	1	KÜHLER UND HYDRAULIKÖLKÜHLER	62
		1	KÜHLER UND HYDRAULIKÖLKÜHLER	64
KÜHLERSCHLAUCH - UNTEN	245 - 9178	1	KÜHLER UND HYDRAULIKÖLKÜHLER	58
		1	KÜHLER UND HYDRAULIKÖLKÜHLER	60
REGULATOR (KÜHLMITTEL)	5I - 8010	1	KÜHLWASSERLEITUNGEN	55
SCHLAUCH, OBERER KÜHLER	265 - 3602	1	KÜHLER UND HYDRAULIKÖLKÜHLER	58
		1	KÜHLER UND HYDRAULIKÖLKÜHLER	60
LUFTANSAUG - U. ABGASSYSTEM				
LUFTFILTER (HAUPTTELEMENT)	131 - 8822	1	LUFTREINIGER	67
LUFTFILTER (HILFSELEMENT)	131 - 8821	1	LUFTREINIGER	67
MOTOR (GRUNDAUSFÜHRUNG)				
DICHTUNG (VENTILDECKEL)	294 - 1706	1	VENTILDECKEL	9
KAPPE (MOTORÖLEINFÜLLUNG)	294 - 1708	1	VENTILDECKEL	9
SERPENTINENFÖRMIGER RIEMEN	294 - 1781	1	MOTORRIEMENSCHLEIBE	33
	297 - 7825	1	MOTORRIEMENSCHLEIBE	35
SCHMIERSYSTEM				
ENTLÜFTER (KURBELGEHÄUSE)	5I - 7725	1	ENTLÜFTER	40
ÖLFILTER	1R - 0739	1	MOTORÖLFILTER UND -BEFESTI- GUNG	41

* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN

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* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN

STICHWORTVERZEICHNIS

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	264	VENTILSTEUERUNG	395
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* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN

STICHWORTVERZEICHNIS

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* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN

MEMORANDA

MACHINE ARRANGEMENT

264-8638 CHASSIS AR

S/N: A6F1-UP

PART OF 264-8626 GENERAL AR

SMCS-7000

i02780927

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	267-8000	1	BATTERY & WIRING GP						119
Y	223-3040	1	BOX & MOUNTING GP						211
Y	262-2607	1	COUNTERWEIGHT GP						215
Y	223-3042	1	FENDER & COVER GP						223
Y	273-6716	1	FRAME GP-UPPER						224
Y	289-6424	1	GUARD GP-BOTTOM						229
Y	142-3835	1	HANDRAIL GP						231
Y	273-7726	1	HOOD & GUARD GP						232
Y	267-8071	1	HORN GP-ELECTRIC						692
Y	4I-5409	1	LIGHTING GP-CHASSIS						141
Y	284-4386	1	LINES GP-AIR CONDITIONER						695
Y	273-7735	1	LINES GP-FUEL						90
Y	7Y-0059	1	LITERATURE GP						697
Y	142-3836	1	MIRROR GP-REAR VIEW						698
Y	245-7811	1	MOUNTING GP-PLATFORM						703
Y	273-5387	1	OPERATOR AR						705
Y	275-3683	1	PLATE & FILM GP						731
Y	278-3896	1	TANK & MTG GP-FUEL						102
Y	259-5052	1	WIRING GP-FINE SWING						202

Y-SEPARATE ILLUSTRATION

<END>

264-8639 CHASSIS AR

S/N: A8F1-UP

PART OF 264-8627 GENERAL AR

SMCS-7000

i02774971

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	267-8000	1	BATTERY & WIRING GP						119
Y	223-3040	1	BOX & MOUNTING GP						211
Y	262-2607	1	COUNTERWEIGHT GP						215
Y	223-3042	1	FENDER & COVER GP						223
Y	273-6716	1	FRAME GP-UPPER						224
Y	289-6424	1	GUARD GP-BOTTOM						229
Y	142-3835	1	HANDRAIL GP						231
Y	273-7726	1	HOOD & GUARD GP						232
Y	267-8071	1	HORN GP-ELECTRIC						692
Y	4I-5409	1	LIGHTING GP-CHASSIS						141
Y	284-4386	1	LINES GP-AIR CONDITIONER						695
Y	273-7735	1	LINES GP-FUEL						90
Y	7Y-0059	1	LITERATURE GP						697
Y	142-3836	1	MIRROR GP-REAR VIEW						698
Y	245-7811	1	MOUNTING GP-PLATFORM						703
Y	273-5387	1	OPERATOR AR						705
Y	275-3684	1	PLATE & FILM GP						736
Y	278-3896	1	TANK & MTG GP-FUEL						102
Y	259-5052	1	WIRING GP-FINE SWING						202

Y-SEPARATE ILLUSTRATION

<END>

MACHINE ARRANGEMENT

264-8626 GENERAL AR

S/N: A6F1-UP

SMCS-7000

i02780673

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	264-8638	1	CHASSIS AR						1
Y	274-7465	1	CONSOLE GP-OPERATOR (LH)						665
Y	274-7466	1	CONSOLE GP-OPERATOR (RH)						665
Y	270-5512	1	ELECTRONICS GP-MACHINE						132
Y	221-8861	1	ELECTRONICS GP-MONITOR						132
Y	272-4681	1	ENGINE AR						3
Y	247-7454	1	FRAME AR-UNDERCARRIAGE						248
Y	285-1354	1	HYDRAULIC AR						334
Y	272-4742	1	INSTALLATION AR-ENGINE						7
Y	267-6767	1	POWER TRAIN AR						209
	185-8284	1	COVER						
Y-SEPARATE ILLUSTRATION									
<END>									

264-8627 GENERAL AR

S/N: A8F1-UP

SMCS-7000

i02772061

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	264-8639	1	CHASSIS AR						1
Y	274-7465	1	CONSOLE GP-OPERATOR (LH)						665
Y	274-7466	1	CONSOLE GP-OPERATOR (RH)						665
Y	270-5512	1	ELECTRONICS GP-MACHINE (MACHINE CONTROL)						132
Y	221-8861	1	ELECTRONICS GP-MONITOR						132
Y	272-4681	1	ENGINE AR						3
Y	240-3822	1	FRAME AR-UNDERCARRIAGE						248
Y	285-1355	1	HYDRAULIC AR						334
Y	272-4742	1	INSTALLATION AR-ENGINE						7
Y	267-6767	1	POWER TRAIN AR						209
	185-8284	1	COVER						
Y-SEPARATE ILLUSTRATION									
<END>									

ENGINE ARRANGEMENT

272-4681 ENGINE AR

S/N: A6F1-UP; A8F1-UP

PART OF 264-8626, 264-8627 GENERAL AR

SMCS-1000

i02776639

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	272-4682	1	ENGINE AR-COMPLETE						5
Y	245-9313	1	FAN GP-SUCTION						52
Y-SEPARATE ILLUSTRATION									

ENGINE ARRANGEMENT

272-4683 ENGINE AR

S/N: GDC1-UP

PART OF 272-4682, 310-9485 ENGINE AR-COMPLETE
ALSO AN ATTACHMENT

SMCS-1000

i02784830

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	212-8561	1	ALTERNATOR GP-CHARGING						115
Y	296-4638	1	BREATHER GP (CRANKCASE)						40
Y	305-4744	1	CAMSHAFT GP						8
Y	296-4664	1	CONTROL & MTG GP-ENGINE ELEK						128
Y	296-4642	1	COOLER GP-ENGINE OIL						48
Y	296-4647	1	COVER GP-VALVE MECHANISM						9
Y	296-4650	1	CRANKSHAFT GP						11
Y	296-4648	1	CYLINDER BLOCK GP						15
Y	296-4645	1	CYLINDER HEAD GP						18
Y	296-4654	1	FILTER GP-ENGINE OIL						43
Y	305-4745	1	FILTER GP-FUEL						84
Y	296-4644	1	FLYWHEEL GP						19
Y	296-4651	1	GEAR GP-FRONT						20
Y	296-4643	1	HOUSING GP-FLYWHEEL						21
Y	296-4649	1	HOUSING GP-FRONT						22
Y	295-9130	6	INJECTOR GP-FUEL						89
Y	296-4641	1	LINES GP-ENGINE OIL						45
Y	296-4656	1	LINES GP-FUEL						92
Y	296-4636	1	LINES GP-TURBOCHARGER OIL						47
Y	296-4658	1	LINES GP-WATER						55
Y	296-4653	1	MANIFOLD GP-EXHAUST						75
Y	296-4652	1	MANIFOLD GP-INLET						77
Y	296-4661	1	MOUNTING GP-ALTERNATOR						25
Y	296-4637	1	MOUNTING GP-STARTING MOTOR						27
Y	296-4662	1	MUFFLER GP						79
Y	296-4640	1	PAN GP-OIL						28
Y	296-4659	1	PISTON & ROD GP						30
Y	296-4655	1	PUMP GP-WATER						56
Y	296-4666	1	SENSOR GP-ENGINE						153
Y	272-4774	1	STARTING MOTOR GP-ELECTRIC						157
Y	287-0049	1	TURBOCHARGER GP						81
Y	305-4910	1	VALVE MECHANISM GP						38
Y	296-4665	1	WIRING GP-ELECTRONIC CONTROL						195
	297-7736	1	ELECTRONICS GP						

Y-SEPARATE ILLUSTRATION

ENGINE ARRANGEMENT

272-4682 ENGINE AR-COMPLETE

S/N: A6F1-UP; A8F1-UP
PART OF 272-4681 ENGINE AR

SMCS-1000

i02776653

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	272-4683	1	ENGINE AR						4
Y	297-7747	1	PULLEY GP-ENGINE						35
Y-SEPARATE ILLUSTRATION									

ENGINE ARRANGEMENT

310-9485 ENGINE AR-COMPLETE

S/N: A6F1-UP; A8F1-UP

PART OF 298-4272 COOLING AR-HIGH AMBIENT TEMP
AN ATTACHMENT

SMCS-1000

i02783191

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	272-4683	1	ENGINE AR						4
Y	296-4667	1	PULLEY GP-ENGINE						33
Y-SEPARATE ILLUSTRATION									

ENGINE ARRANGEMENT

272-4742 INSTALLATION AR-ENGINE

S/N: A6F1-UP; A8F1-UP

PART OF 264-8626, 264-8627 GENERAL AR

SMCS-1000

i02776682

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	109-9313	1	AIR CLEANER GP						66
Y	239-6507	1	COMPRESSOR GP-REFRIGERANT						652
Y	259-7184	1	CONDENSER & MTG GP-REFRIGERANT						655
Y	255-3044	1	EXTENSION GP-EXHAUST						69
Y	279-7911	1	FILTER & MTG GP-ENGINE OIL						41
Y	272-4744	1	LINES GP-AIR						70
Y	265-3504	1	LINES GP-COOLING AIR						71
Y	162-6185	1	LINES GP-ENGINE OIL DRAIN						46
Y	287-0183	1	LINES GP-MUFFLER DRAIN						74
Y	266-6297	1	MOUNTING GP-ENGINE						26
Y	297-7671	1	MOUNTING GP-FUEL FILTER						94
Y	265-3616	1	RADIATOR & HYD OIL COOLER GP						60

Y-SEPARATE ILLUSTRATION

BASIC ENGINE

305-4744 CAMSHAFT GP

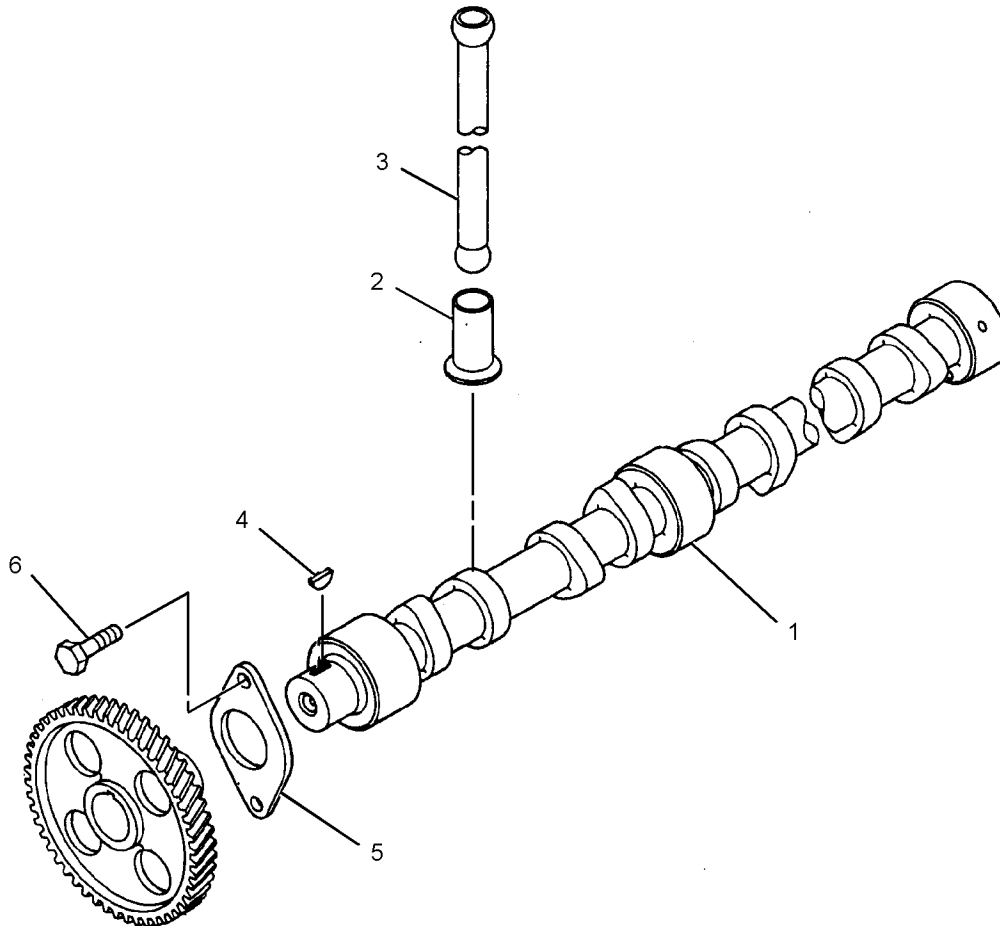
S/N: GDC1-UP

PART OF 272-4683 ENGINE AR
ALSO AN ATTACHMENT

SMCS-1210

i02781970

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	305-4756	1	CAMSHAFT						
	2	1	279-7859	12	TAPPET						
	3	1	294-1716	12	PUSHROD						
	4	1	094-4628	1	KEY						
	5	1	5I-7650	1	PLATE						
M	6	1	6V-5215	2	BOLT (M8X1.25X16-MM)						
M-METRIC PART											



GRAPHIC #1

<END>

g01316640

BASIC ENGINE

296-4647 COVER GP-VALVE MECHANISM

S/N: GDC1-UP

PART OF 272-4683 ENGINE AR
ALSO AN ATTACHMENT

SMCS-1107

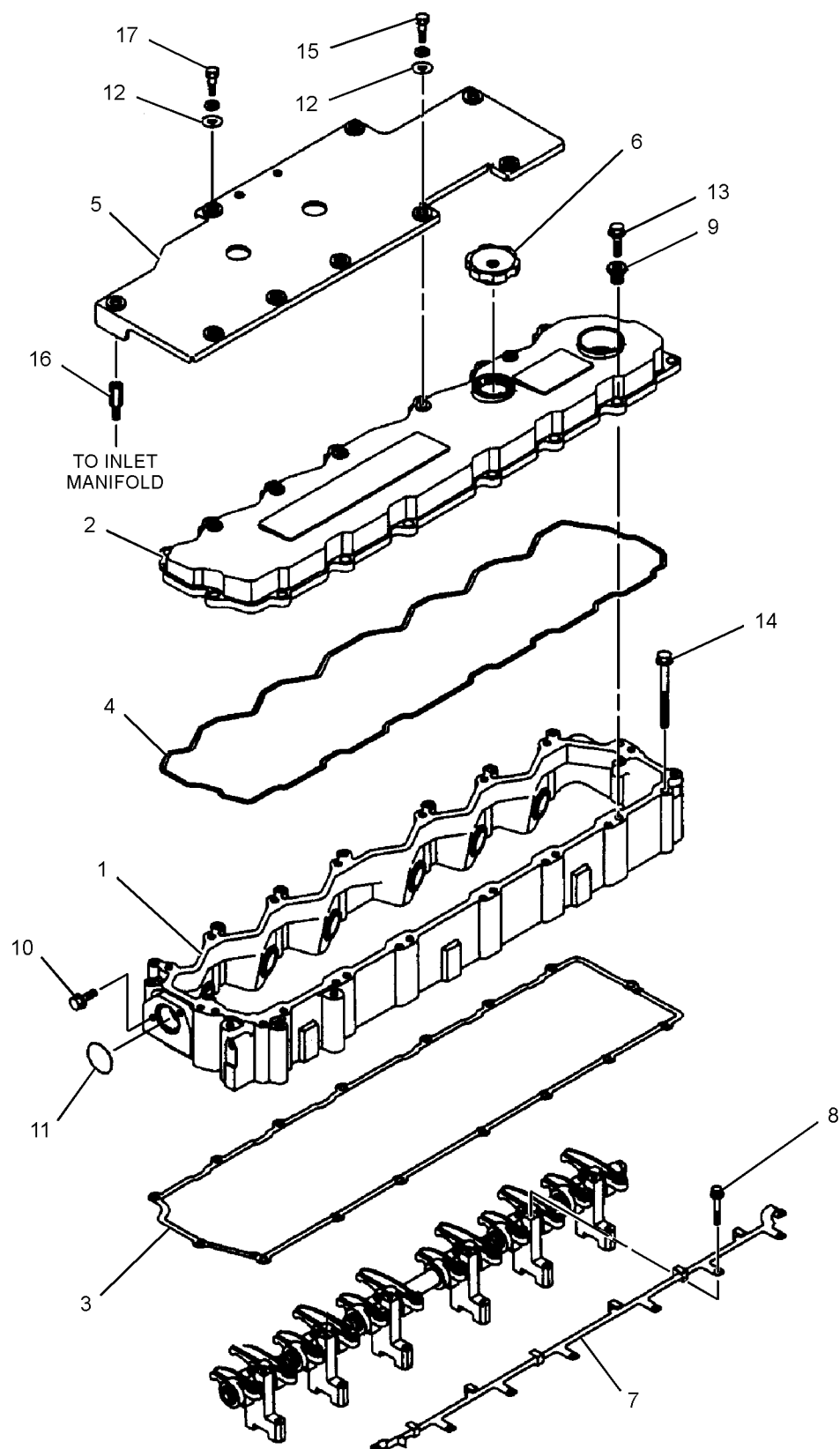
i02781956

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	294-1703	1	COVER-ROCKER						
	2	1	294-1704	1	COVER-ROCKER						
	3	1	294-1705	1	GASKET						
	4	1	294-1706	1	GASKET (VALVE COVER)						
	5	1	294-1707	1	COVER						
	6	1	294-1708	1	CAP (ENGINE OIL FILLER)						
	7	1	294-1709	1	BRACKET						
	8	1	294-1710	8	BOLT (M6X1X16.2-MM)						
	9	1	294-1711	16	WASHER						
	10	1	096-8569	2	BOLT (14-MM LONG)						
	11	1	294-1712	1	SEAL						
	12	1	8T-4224	9	WASHER-HARD (8.8X16X2-MM THK)						
	13	1	294-1713	16	BOLT (M8X1.25X38.3-MM)						
	14	1	294-1700	16	BOLT (M8X1.25X108.3-MM)						
	15	1	5I-7603	7	EYE						
	16	1	294-1714	2	STUD						
	17	1	294-1821	2	BOLT (M8X1.25X35.5-MM)						

BASIC ENGINE

296-4647 COVER GP-VALVE MECHANISM (contd.)

i02781956



GRAPHIC #1

<END>

g01356344

BASIC ENGINE

296-4650 CRANKSHAFT GP

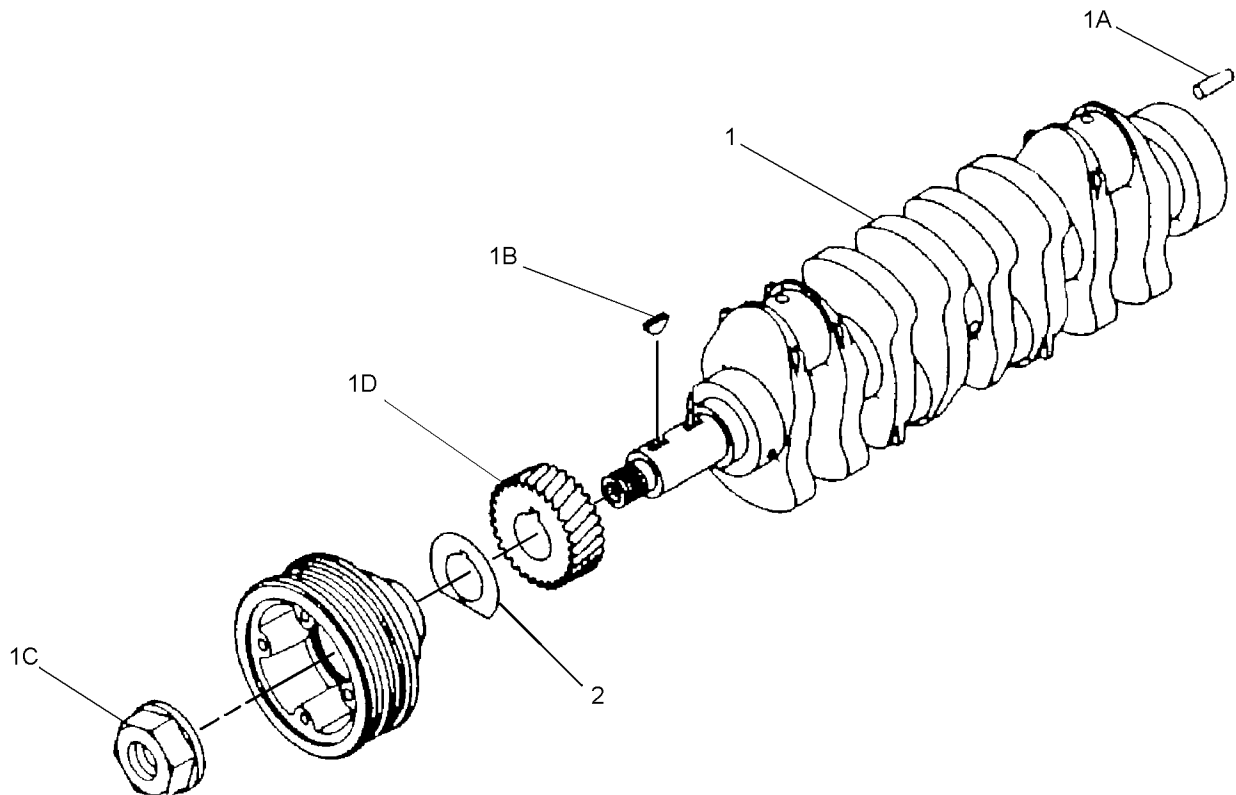
S/N: GDC1-UP

PART OF 272-4683 ENGINE AR
ALSO AN ATTACHMENT

SMCS-1202

i02781959

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	294-1749	1	CRANKSHAFT AS						
	1A	1	085-9513	2	PIN						
	1B	1	094-4628	2	KEY (CRANKSHAFT)						
	1C	1	130-7596	1	NUT						
	1D	1	294-1751	1	GEAR (31-TEETH)						
	2	1	233-1277	1	PLATE						



GRAPHIC #1

<END>

g01340092

BASIC ENGINE

294-1725 CYLINDER BLOCK GP

S/N: GDC1-UP

PART OF 296-4648 CYLINDER BLOCK GP
ALSO AN ATTACHMENT

SMCS-1201

i02783105

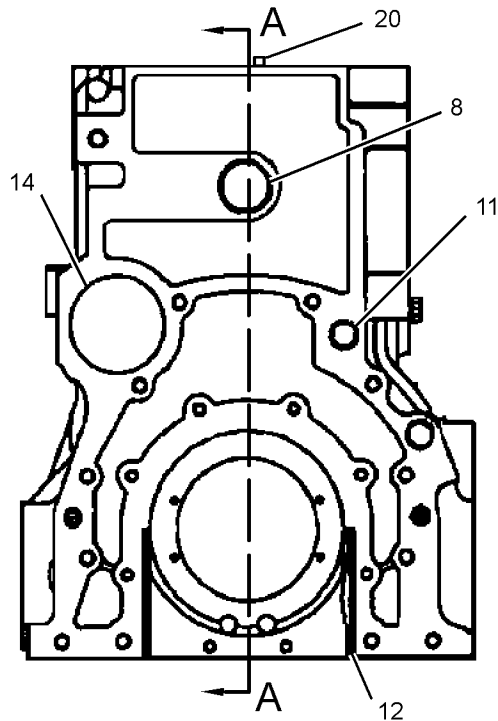
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	5I-7505	12	PLUG						
	2	1	294-1717	1	CAP-BEARING						
	3	1	294-1718	5	CAP-BEARING						
	4	1	294-1719	1	CAP-BEARING						
	5	1	5I-8009	1	BUSHING						
	6	1	5I-7528	2	BUSHING						
	7	1	5I-7529	1	BUSHING						
	8	1	3P-1896	14	PLUG-CUP						
M	9	1	094-7741	14	BOLT-BEARING CAP (M14X2X120-MM)						
	10	2	095-2005	2	CAP						
	11	1	096-3741	7	CAP						
	12	1	294-1720	2	SEAL						
	13	1	294-1722	6	JET						
	14	1	5I-7525	1	PLUG						
	15	2	195-8212	1	PLUG						
	16	1	294-1721	1	SHAFT						
	17	2	5I-7724	2	PIN						
	18	2	095-2039	1	WASHER-SPECIAL						
M	19	2	8T-4191	1	BOLT (M10X1.5X16-MM)						
	20	1	4I-9664	2	PIN						
	21	2	099-4420	2	PIN						
	22	1	183-5916	6	PIN-SPRING						
	23	2	139-7814	6	VALVE						
	24	2	094-9424	12	GASKET						

M-METRIC PART

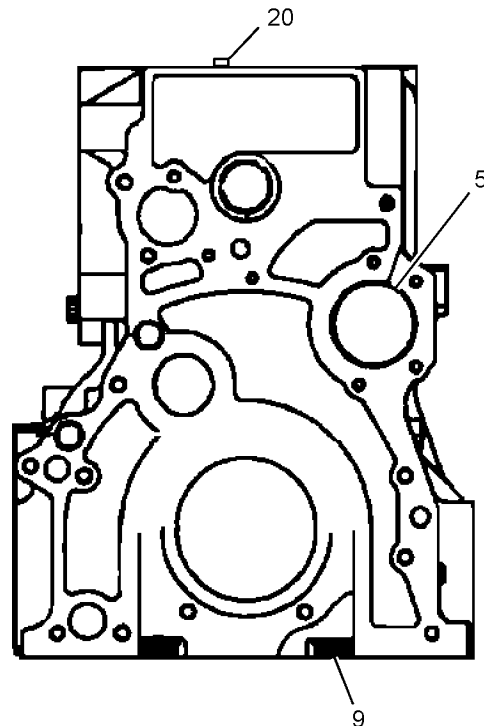
BASIC ENGINE

294 - 1725 CYLINDER BLOCK GP (contd.)

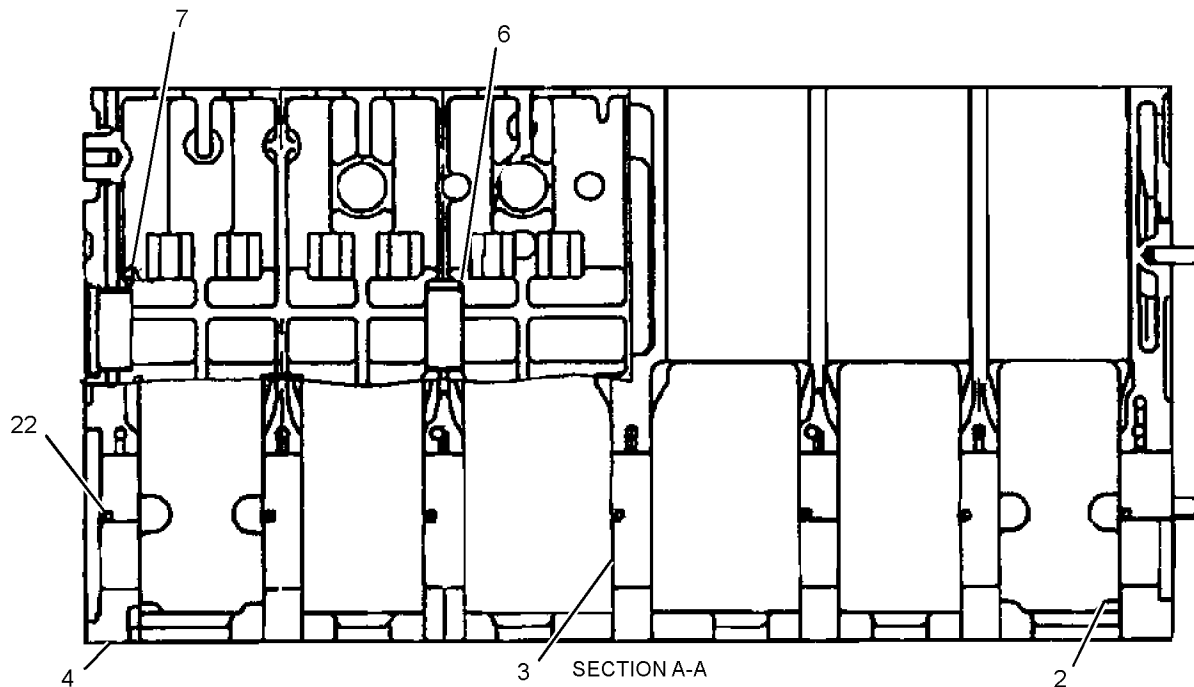
i02783105



REAR VIEW OF ENGINE



FRONT VIEW OF ENGINE



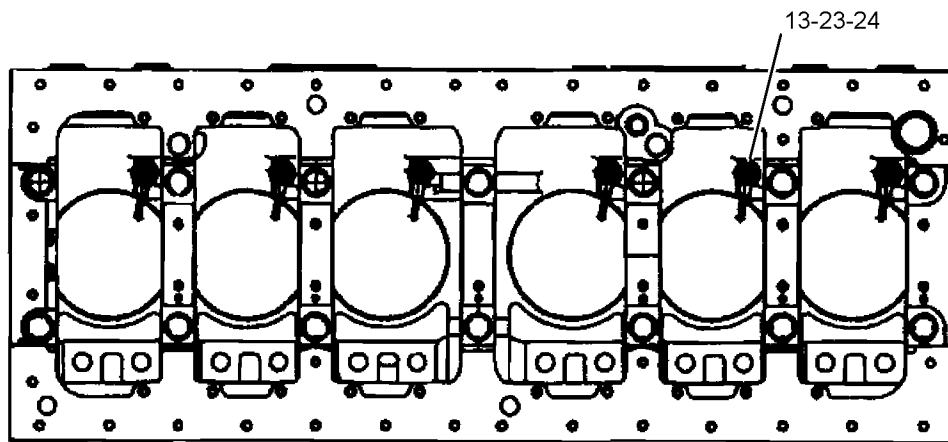
GRAPHIC #1

g01357608

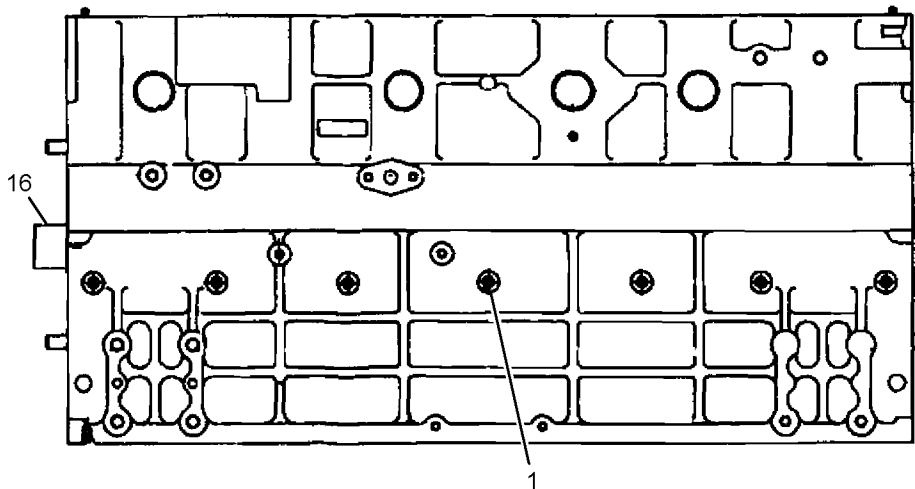
BASIC ENGINE

294-1725 CYLINDER BLOCK GP (contd.)

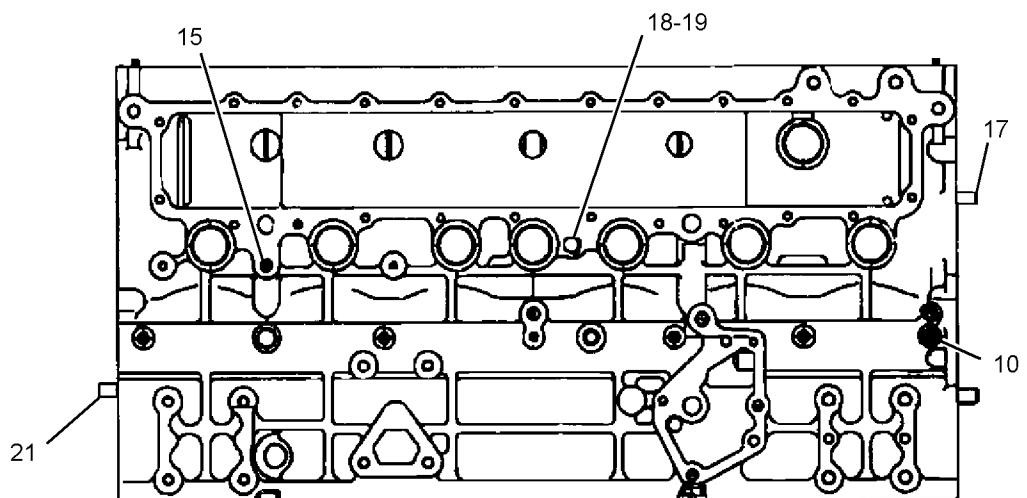
i02783105



BOTTOM VIEW OF ENGINE



LEFT SIDE VIEW OF ENGINE



RIGHT SIDE VIEW OF ENGINE

GRAPHIC #2

<END>

g01357617

BASIC ENGINE

296-4648 CYLINDER BLOCK GP

S/N: GDC1-UP

PART OF 272-4683 ENGINE AR
ALSO AN ATTACHMENT

SMCS-1201

i02781957

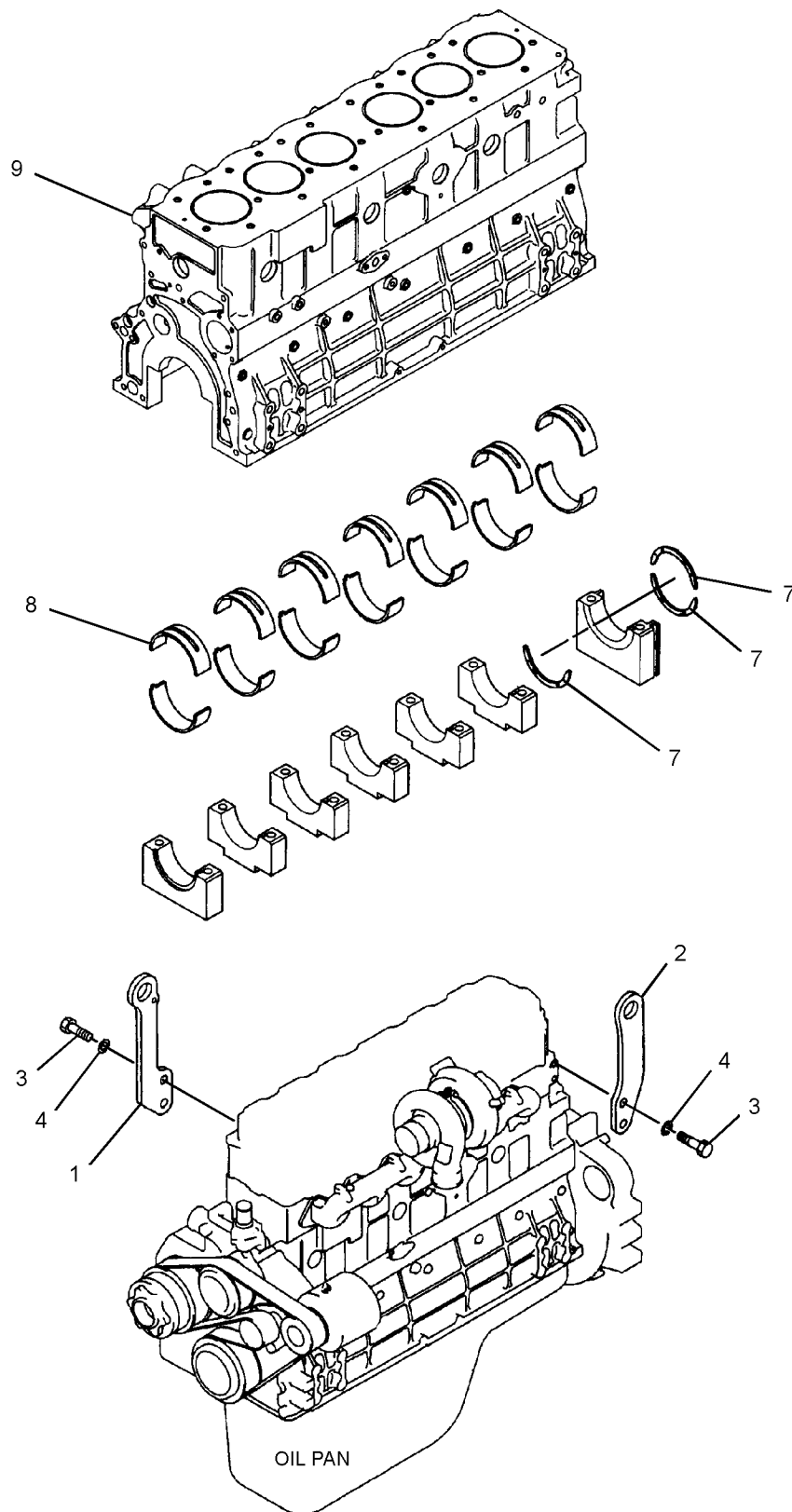
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	294-1723	1	EYE						
	2	1	294-1724	1	EYE						
	3	1	5I-5181	4	BOLT						
	4	1	096-2501	4	LOCKWASHER						
	7	1	5I-7654	3	PLATE (STANDARD)						
AB			5I-7787		PLATE (0.15-MM OS)						
AB			5I-7788		PLATE (0.3-MM OS)						
AB			5I-7789		PLATE (0.45-MM OS)						
	8	1	5I-7588	7	SET-BEARING (STANDARD)						
AB			5I-7784		SET-BEARING (0.25-MM US)						
AB			5I-7785		SET-BEARING (0.5-MM US)						
AB			5I-7786		SET-BEARING (0.75-MM US)						
Y	9	1	294-1725	1	CYLINDER BLOCK GP						12

A-NOT PART OF THIS GROUP
B-USE AS REQUIRED
Y-SEPARATE ILLUSTRATION

BASIC ENGINE

296 - 4648 CYLINDER BLOCK GP (contd.)

i02781957



GRAPHIC #1

<END>

g01355154

BASIC ENGINE

297-7644 CYLINDER HEAD AS

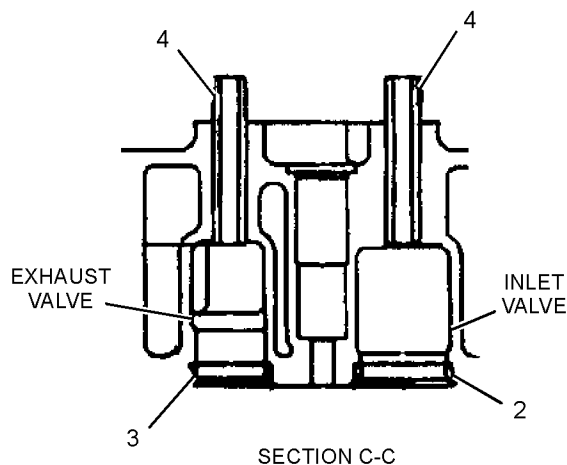
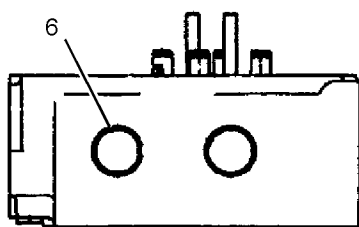
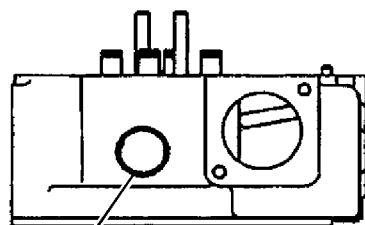
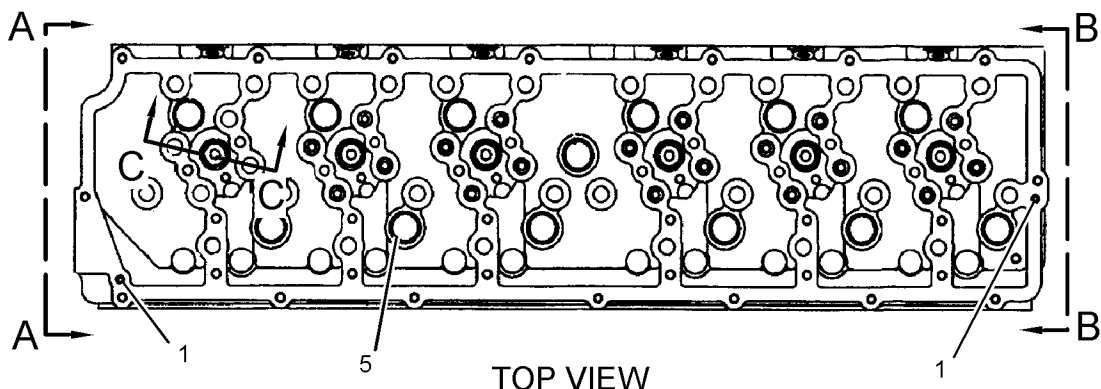
S/N: GDC1-UP

PART OF 296-4645 CYLINDER HEAD GP
ALSO AN ATTACHMENT

SMCS-1100

i02783103

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4I-9664	2	PIN						
	2	1	294-1679	12	SEAT						
	3	1	294-1680	12	SEAT						
	4	1	294-1678	24	GUIDE						
	5	1	103-9011	13	CAP-SEALING						
	6	1	5I-4915	9	CAP						



GRAPHIC #1

<END>

g01356657

BASIC ENGINE

296-4645 CYLINDER HEAD GP

S/N: GDC1-UP

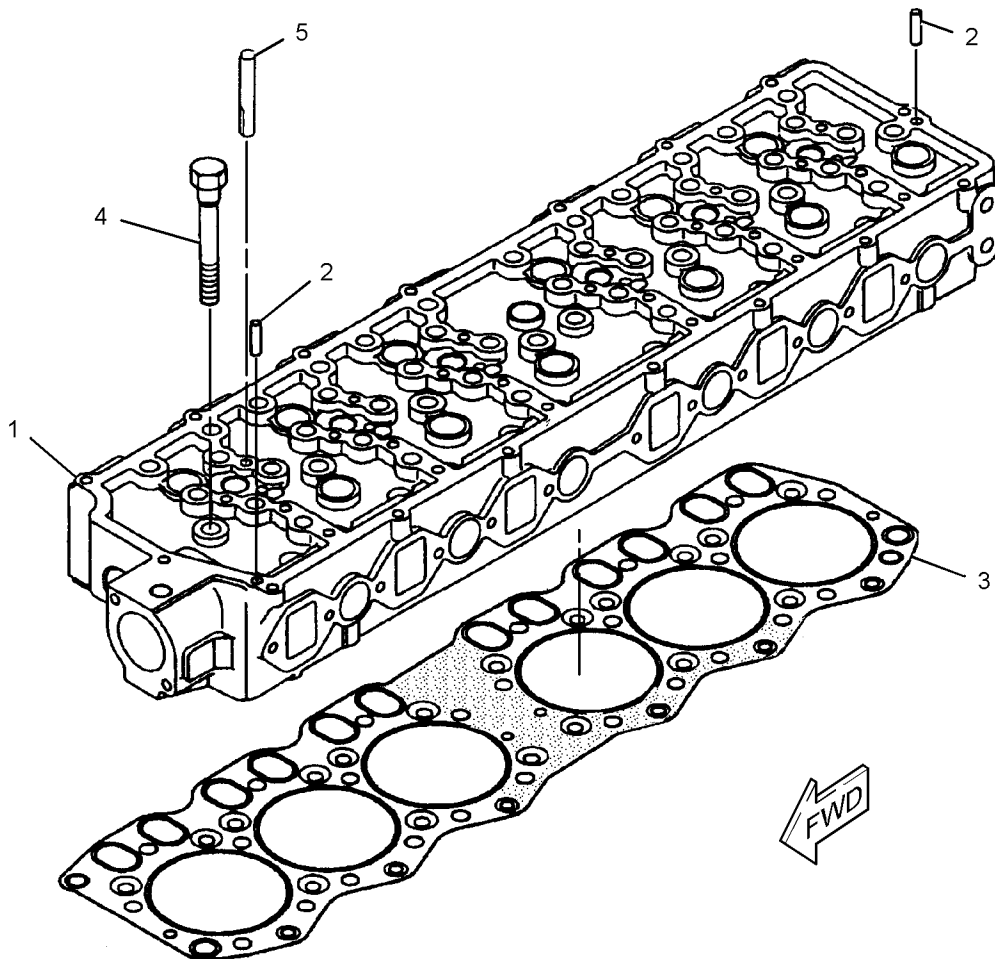
PART OF 272-4683 ENGINE AR
ALSO AN ATTACHMENT

SMCS-1100

i02781954

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	297-7644	1	CYLINDER HEAD AS						17
	2	1	4I-9664	2	PIN						
	3	1	294-1682	1	GASKET						
	4	1	294-1683	26	BOLT						
	5	1	297-7645	12	GUIDE						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01313571

BASIC ENGINE

296-4644 FLYWHEEL GP

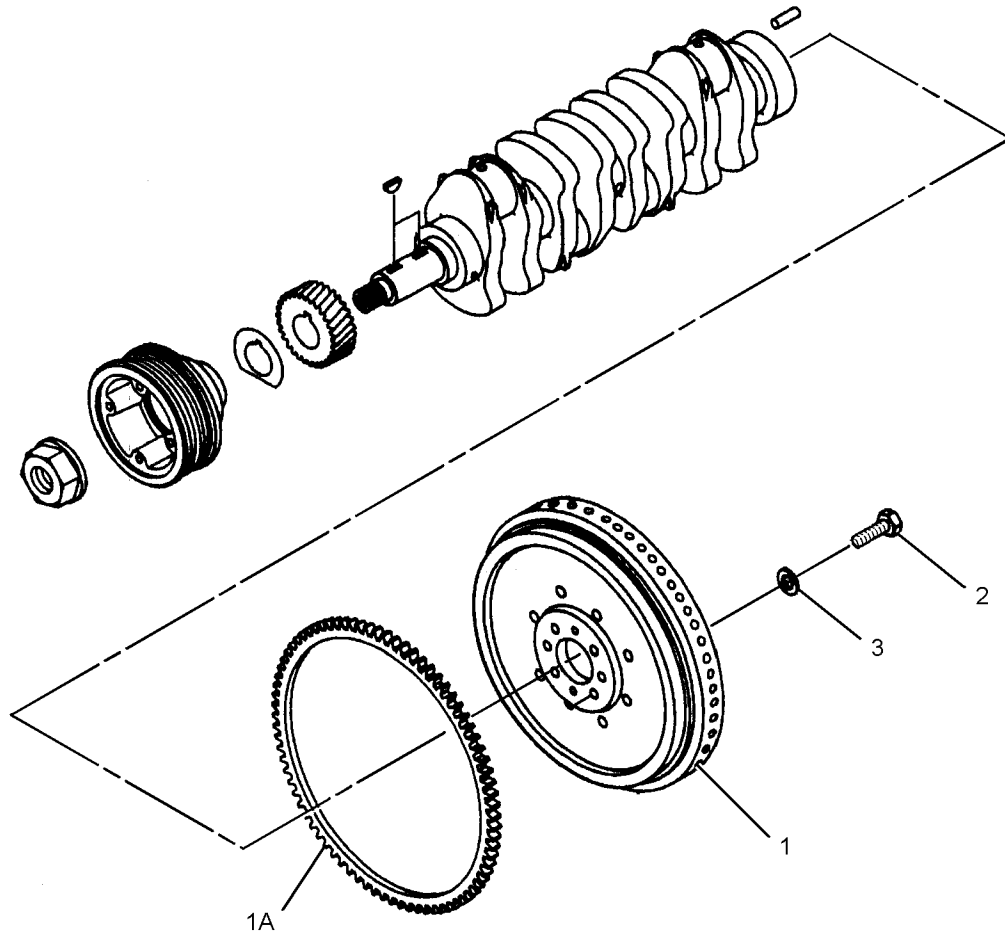
S/N: GDC1-UP

PART OF 272-4683 ENGINE AR
ALSO AN ATTACHMENT

SMCS-1156

i02781953

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	294-1752	1	FLYWHEEL AS						
	1A	1	205-6788	1	GEAR (127-TEETH)						
	2	1	51-5005	6	BOLT (M12X1.25X35-MM)						
	3	1	096-2501	6	LOCKWASHER						



GRAPHIC #1

<END>

g01312147

BASIC ENGINE

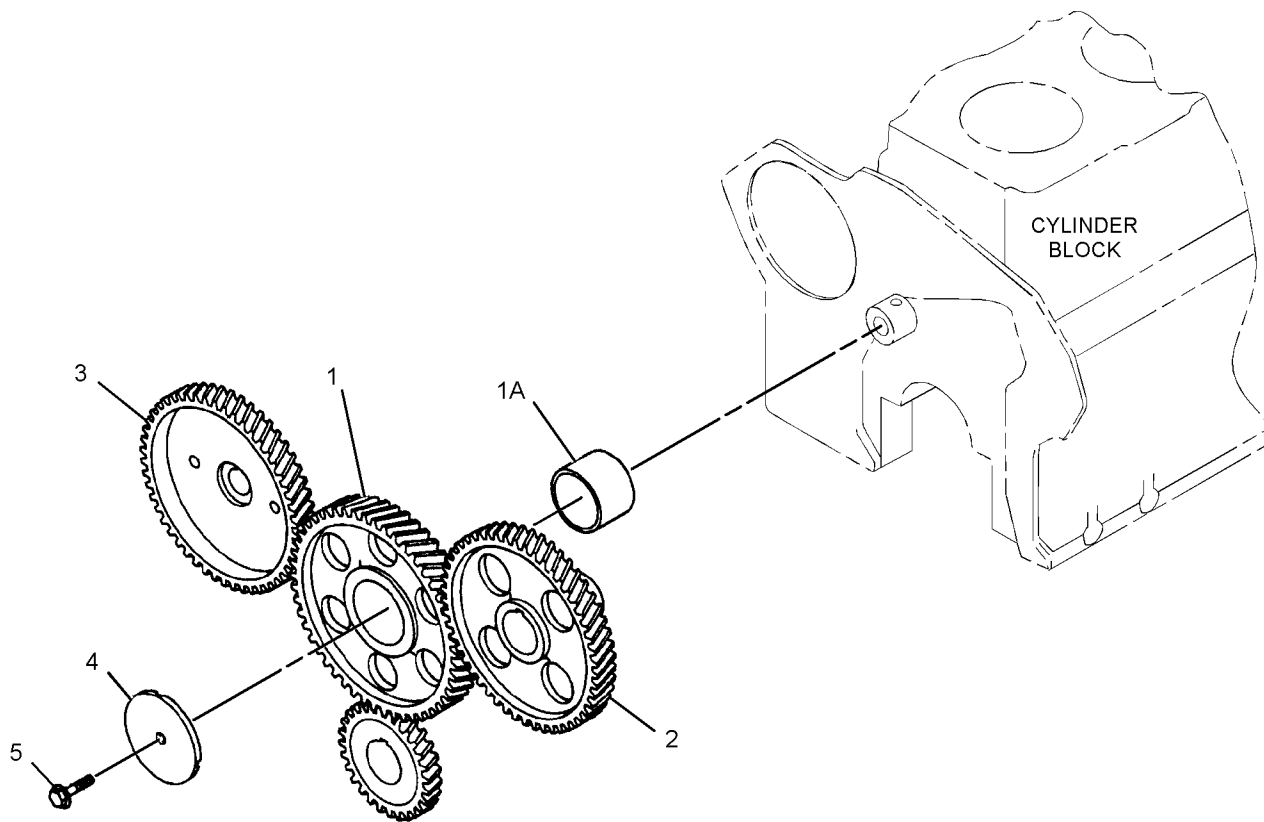
296-4651 GEAR GP - FRONT

S/N: GDC1-UP
PART OF 272-4683 ENGINE AR
ALSO AN ATTACHMENT

SMCS-1151, 1162, 1206

i02781960

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	294-1753	1	GEAR AS - IDLER						
	1A	1	296-4673	1	BUSHING						
	2	1	294-1754	1	GEAR						
	3	1	294-1755	1	GEAR						
	4	1	294-1756	1	PLATE						
	5	1	294-1757	1	BOLT						



GRAPHIC #1

<END>

g01317830

BASIC ENGINE

296-4643 HOUSING GP-FLYWHEEL

S/N: GDC1-UP

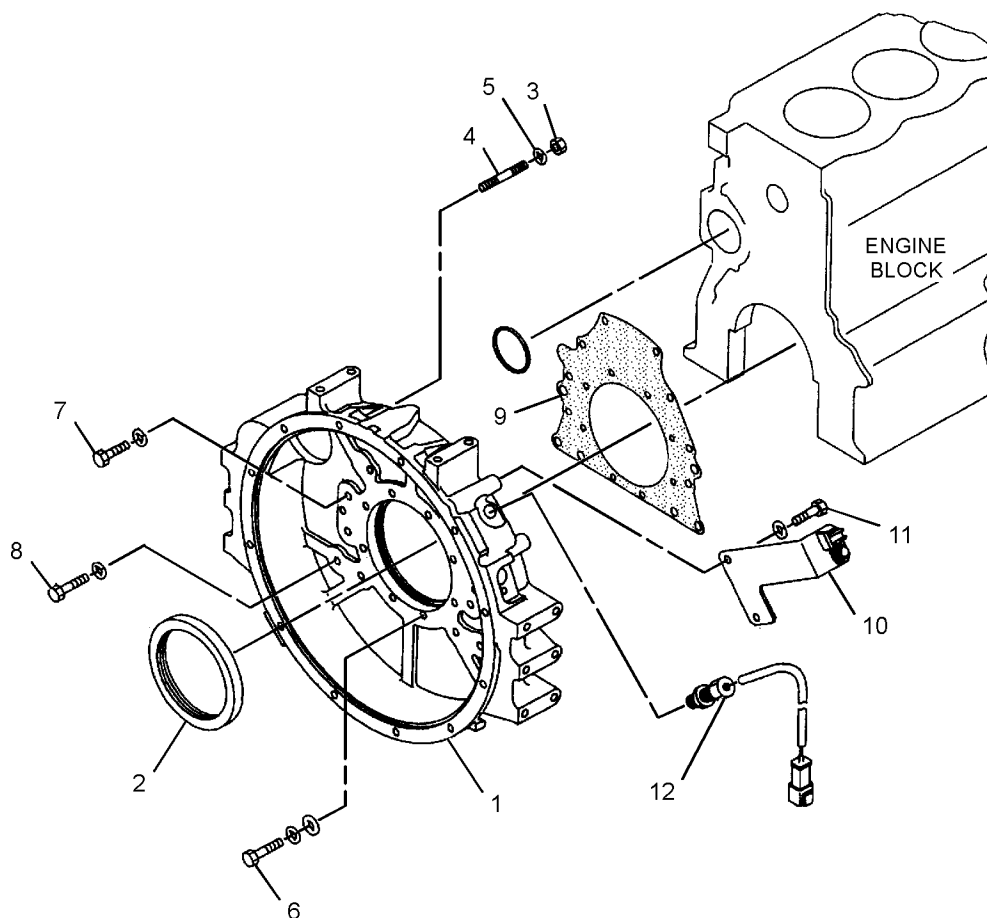
PART OF 272-4683 ENGINE AR
ALSO AN ATTACHMENT

SMCS-1157

i02783198

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	294-1736	1	HOUSING						
	2	1	5I-7660	1	SEAL AS						
M	3	1	6V-8231	2	NUT (M10X1.25-THD)						
	4	1	5I-4983	2	STUD						
	5	1	7X-0796	2	LOCKWASHER						
	6	1	294-1737	8	BOLT (M8X1.25X35.5-MM)						
	7	1	294-1738	2	BOLT (M10X1.5X32-MM)						
	8	1	294-1726	10	BOLT (M10X1.5X37-MM)						
	9	1	294-1739	1	GASKET						
	10	1	294-1740	1	BRACKET						
	11	1	5I-5597	2	BOLT (M14X1.5X10-MM)						
	12	1	196-7973	1	SENSOR GP-SPEED (ENGINE)						

M-METRIC PART



GRAPHIC #1

<END>

g01312174

BASIC ENGINE

296-4649 HOUSING GP - FRONT

S/N: GDC1-UP

PART OF 272-4683 ENGINE AR
ALSO AN ATTACHMENT

SMCS-1151, 1162, 1206

i02781958

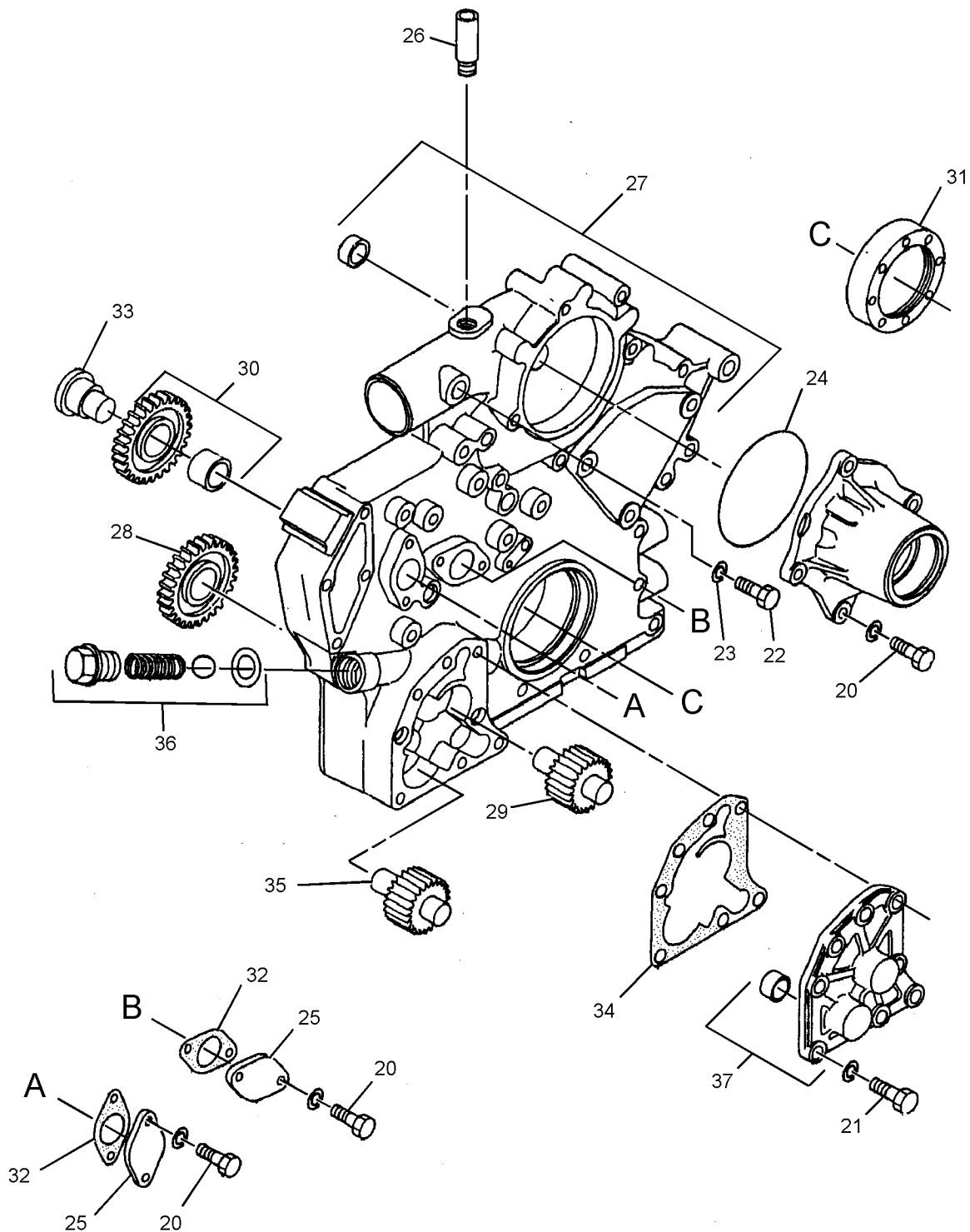
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	222-8292	1	POINTER						
	2	2	294-1731	1	BOLT (M8X1.25X19.5-MM)						
	3	2	6V-8236	1	PIN-SPRING						
	4	2	294-1732	1	PLATE						
M	5	2	6V-5215	2	BOLT (M8X1.25X16-MM)						
	6	2	297-7646	2	BOLT (M8X1.25X95.5-MM)						
M	8	2	8T-4137	6	BOLT (M10X1.5X20-MM)						
	9	2	5I-7610	1	BOLT (M10X1.5X20-MM)						
	10	2	297-7647	6	BOLT (M10X1.5X77-MM)						
M	11	2	8T-4172	2	BOLT (M10X1.5X80-MM)						
M	12	2	8T-6685	4	BOLT (M10X1.5X110-MM)						
	13	2	7X-0796	6	LOCKWASHER						
	14	2	294-1733	1	GASKET						
	15	2	294-1734	1	GASKET						
	16	2	212-8571	1	COVER						
	17	2	212-8572	1	GASKET						
	18	2	196-8366	1	BOLT						
	19	2	294-1735	5	BOLT (M8X1.25X90.5-MM)						
M	20	1	294-7251	6	BOLT AS (M8X20X1-MM)						
	21	1	294-1726	4	BOLT (M10X1.5X37-MM)						
	22	1	096-9435	1	PLUG						
	23	1	096-9532	1	WASHER (15.8X22.5X2-MM THK)						
	24	1	096-9528	1	SEAL-O-RING						
	25	1	6F-7556	2	COVER						
	26	1	5I-7632	1	PIPE						
	27	1	294-1727	1	BODY AS						
	28	1	294-1728	1	GEAR						
	29	1	125-2950	1	GEAR AS (9-TEETH)						
	30	1	294-1729	1	GEAR AS						
	31	1	5I-7656	1	SEAL						
	32	1	6F-7557	2	GASKET						
	33	1	5I-7683	1	SPINDLE						
	34	1	178-6537	1	GASKET						
	35	1	5I-7558	1	GEAR AS (9-TEETH)						
	36	1	5I-7559	1	VALVE AS						
	37	1	178-6538	1	COVER AS						

M-METRIC PART

BASIC ENGINE

296 - 4649 HOUSING GP - FRONT (contd.)

i02781958



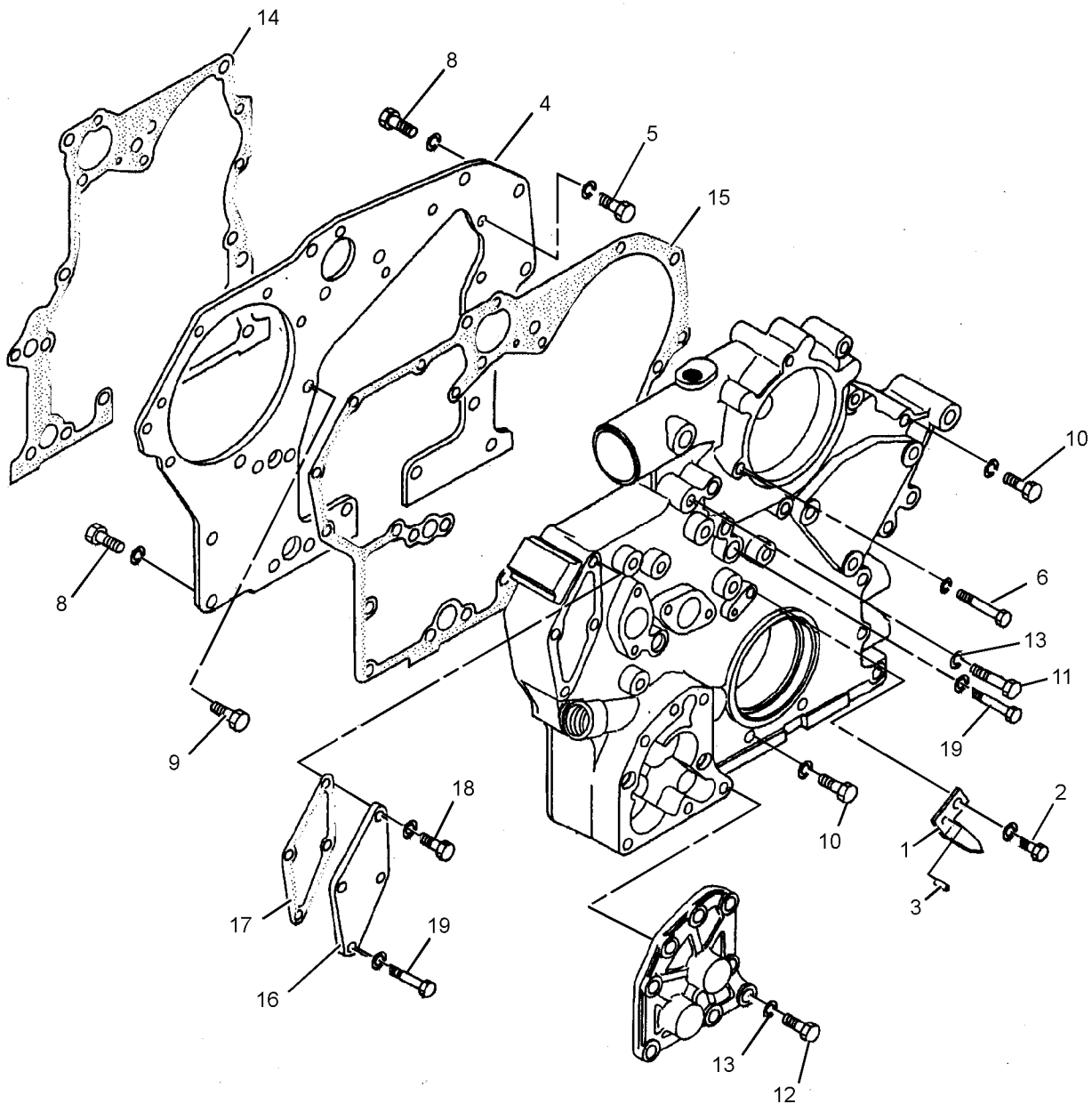
GRAPHIC #1

g01312833

BASIC ENGINE

296 - 4649 HOUSING GP - FRONT (contd.)

i02781958



GRAPHIC #2

<END>

g01355454

BASIC ENGINE

296-4661 MOUNTING GP-ALTERNATOR

S/N: GDC1-UP

PART OF 272-4683 ENGINE AR

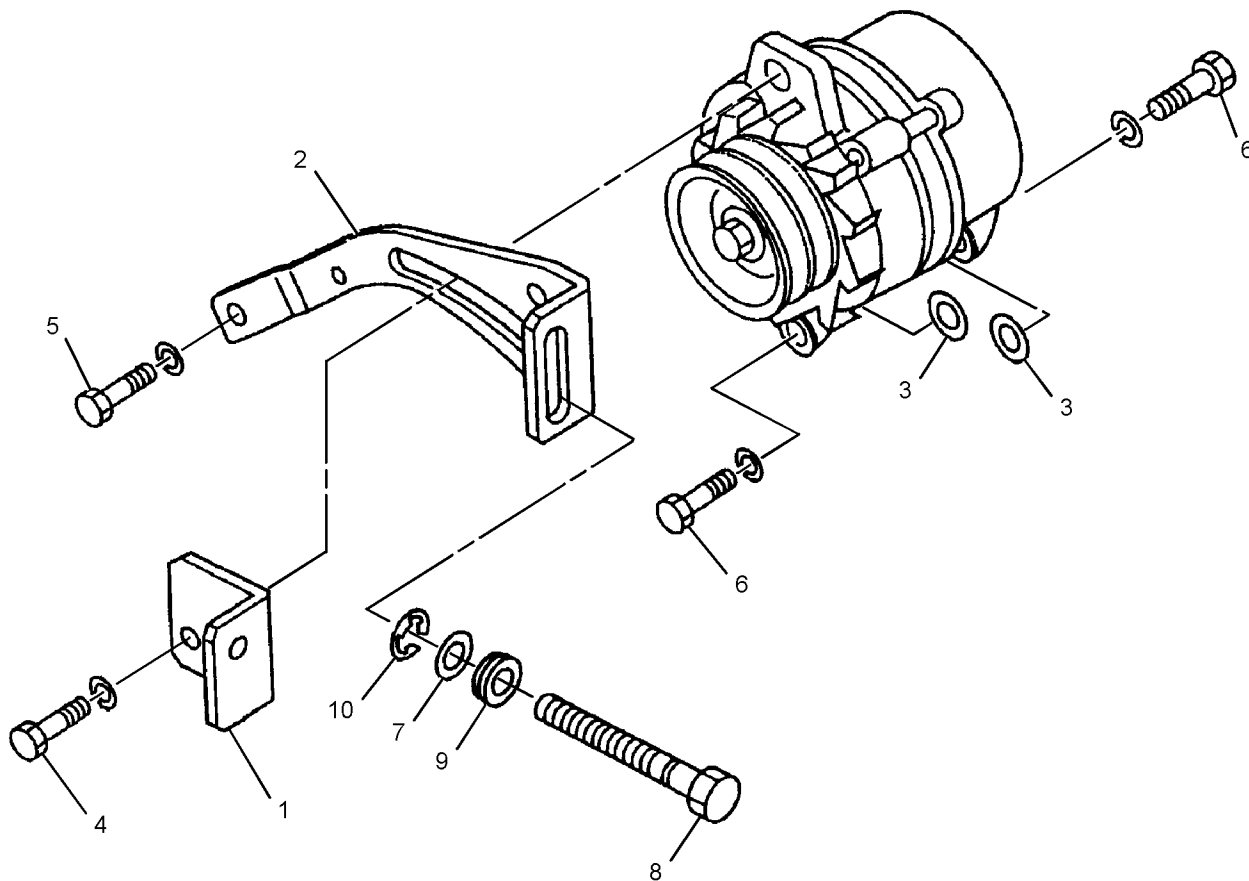
ALSO AN ATTACHMENT

SMCS-1405

i02783199

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	178-6600	1	PULLER						
	2	1	294-1859	1	PLATE						
	3	1	5I-7750	2	WASHER (12.5X25X8-MM THK)						
	4	1	294-1860	1	BOLT						
	5	1	5I-5597	1	BOLT (M14X1.5X10-MM)						
M	6	1	294-1861	2	BOLT (M12X1.75X30-MM)						
	7	1	8T-4223	1	WASHER-HARD (13.5X25.5X3-MM THK)						
M	8	1	178-6598	1	BOLT (M12X1.25X135-MM)						
	9	1	178-6599	1	WASHER						
	10	1	178-6601	1	RING						

M-METRIC PART



GRAPHIC #1

<END>

g01317811

BASIC ENGINE

266-6297 MOUNTING GP-ENGINE

S/N: A6F1-UP; A8F1-UP

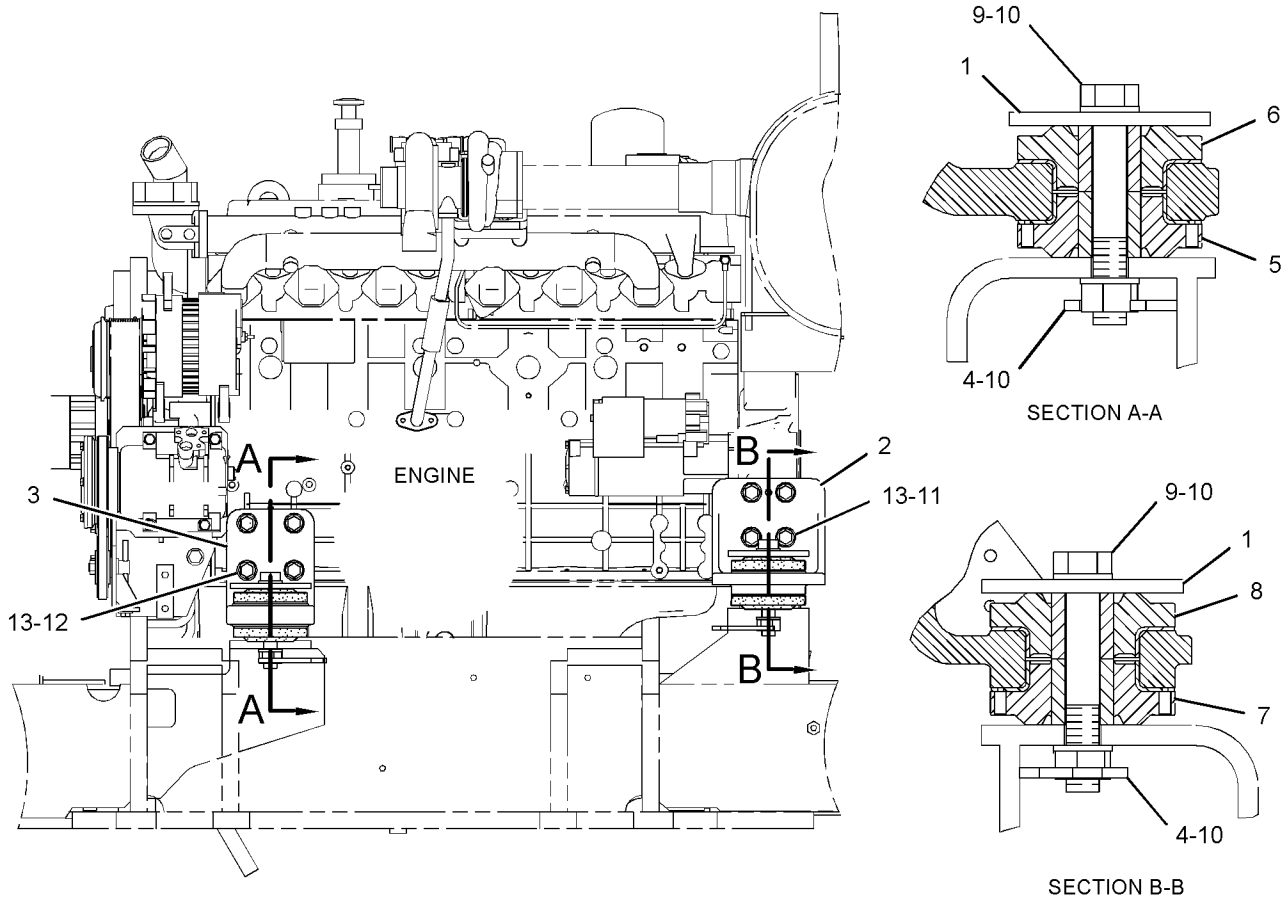
PART OF 272-4742 INSTALLATION AR-ENGINE

SMCS-1152

i02777628

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	109-9329	4	WASHER (21.5X120X8-MM THK)						
	2	1	118-9784	2	BRACKET-REAR						
	3	1	118-9785	2	BRACKET-FRONT						
	4	1	118-9930	4	SUPPORT AS						
	5	1	266-6298	2	MOUNT-RUBBER						
	6	1	266-6299	2	MOUNT-RUBBER						
	7	1	266-6300	2	MOUNT-RUBBER						
	8	1	266-6301	2	MOUNT-RUBBER						
M	9	1	7X-2532	4	BOLT (M20X2.5X130-MM)						
	10	1	8T-4123	8	WASHER (22X35X3.5-MM THK)						
M	11	1	8T-4139	8	BOLT (M12X1.75X30-MM)						
M	12	1	8T-4183	8	BOLT (M12X1.75X40-MM)						
	13	1	8T-4223	16	WASHER-HARD (13.5X25.5X3-MM THK)						

M-METRIC PART



LEFT SIDE VIEW OF ENGINE

GRAPHIC #1

<END>

g01222807

BASIC ENGINE

296-4637 MOUNTING GP-STARTING MOTOR

S/N: GDC1-UP

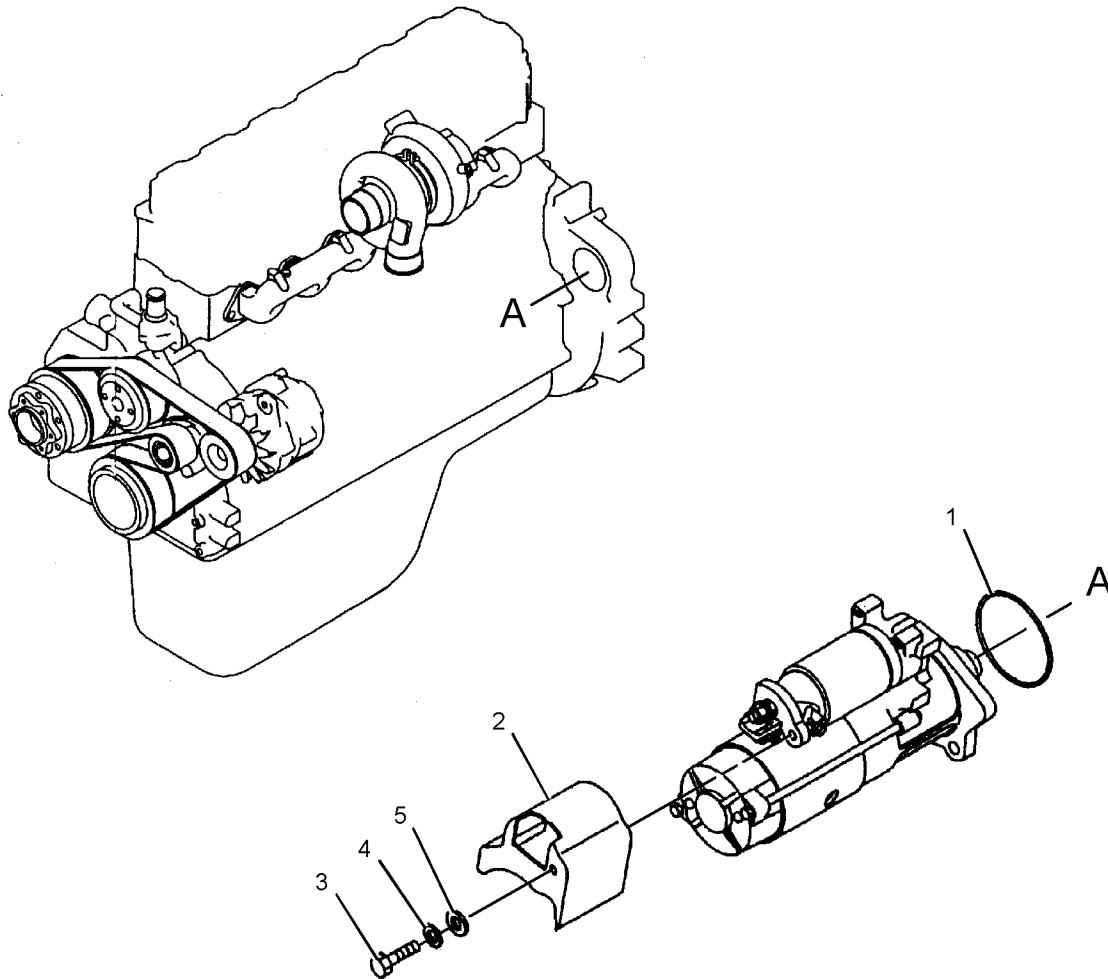
PART OF 272-4683 ENGINE AR
ALSO AN ATTACHMENT

SMCS-1453

i02781942

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5I-7599	1	SEAL-O-RING						
	2	1	135-2369	1	COVER						
M	3	1	135-2370	1	BOLT (M5X0.8X25-MM)						
	4	1	294-1850	1	WASHER						
	5	1	294-1851	1	WASHER						

M-METRIC PART



GRAPHIC #1

<END>

g01318867

BASIC ENGINE

296-4640 PAN GP-OIL

S/N: GDC1-UP

PART OF 272-4683 ENGINE AR
ALSO AN ATTACHMENT

SMCS-1302

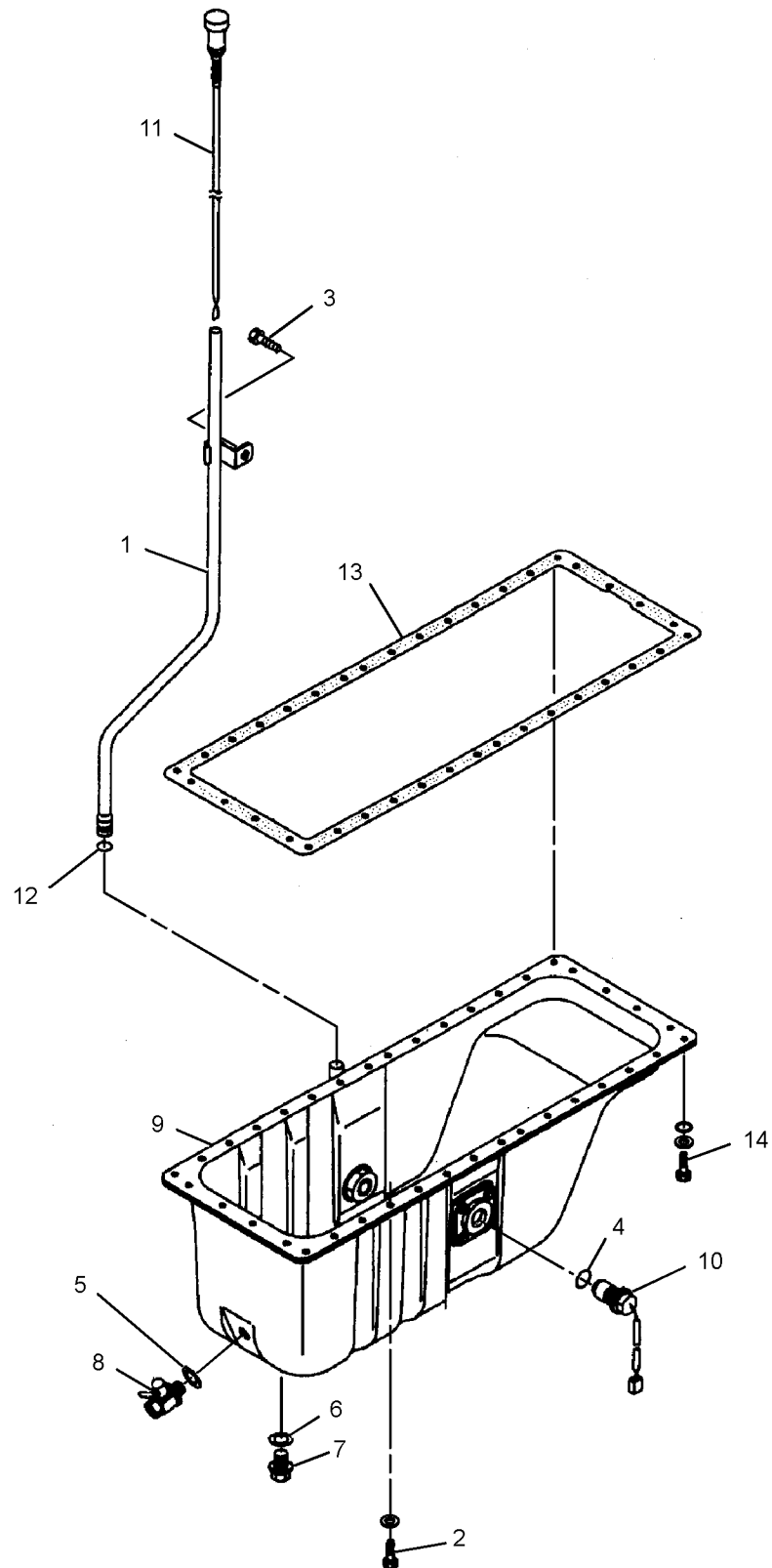
i02781951

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	294-1741	1	GUIDE						
	2	1	196-8366	37	BOLT						
	3	1	199-2178	1	BOLT						
	4	1	125-2968	1	SEAL						
	5	1	5I-8067	1	WASHER						
	6	1	7W-3556	1	WASHER (14.27X20.57X1.5-MM THK)						
	7	1	183-8177	1	PLUG						
	8	1	183-8176	1	VALVE (ENGINE OIL PAN)						
	9	1	294-1742	1	PAN AS						
		1	287-0187	1	BOSS						
		1	287-0188	1	PLATE						
		1	287-0189	1	SEAL						
		1	287-0190	1	BOLT						
10		1	213-0677	1	SWITCH AS-LIQUID LEVEL (ENGINE OIL)						
		1	102-8802	2	KIT-RECEPTACLE (2-PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		1	9X-3401	2	PIN-CONNECTOR (16-GA TO 18-GA)						
11		1	294-1743	1	GAUGE AS-OIL LEVEL (DIPSTICK) (ENGINE)						
12		1	5I-4993	1	SEAL						
13		1	5I-7666	1	GASKET						
14		1	282-8567	1	BOLT						

BASIC ENGINE

296-4640 PAN GP-OIL (contd.)

i02781951



GRAPHIC #1

<END>

g01356947

BASIC ENGINE

296-4659 PISTON & ROD GP

S/N: GDC1-UP

PART OF 272-4683 ENGINE AR
ALSO AN ATTACHMENT

SMCS-1225

i02785163

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	310-9509	6	PISTON (STANDARD)						
AB		1	310-9510		PISTON (0.25-MM OS)						
AB		1	310-9511		PISTON (0.5-MM OS)						
	2	1	094-7134	6	PIN						
	3	1	5I-7667	12	RING						
J	4	1	178-6543	6	SET-PISTON RING (STANDARD)						
ABJ		1	178-6544		SET-PISTON RING (0.25-MM OS)						
ABJ		1	178-6545		SET-PISTON RING (0.5-MM OS)						
	5	1	294-1747	6	ROD AS						
					(EACH INCLUDES)						
	5A	1	094-7154	2	BOLT (M12X1.25-1X85-MM)						
	5B	1	094-7516	2	NUT (M12X1.25-THD)						
	5C	1	296-4663	1	BUSHING						
	6	1	294-1748	12	BEARING (STANDARD)						
AB		1	297-7648		BEARING (0.25-MM US)						
AB		1	297-7649		BEARING (0.50-MM US)						
AB		1	297-7650		BEARING (0.75-MM US)						

A - NOT PART OF THIS GROUP

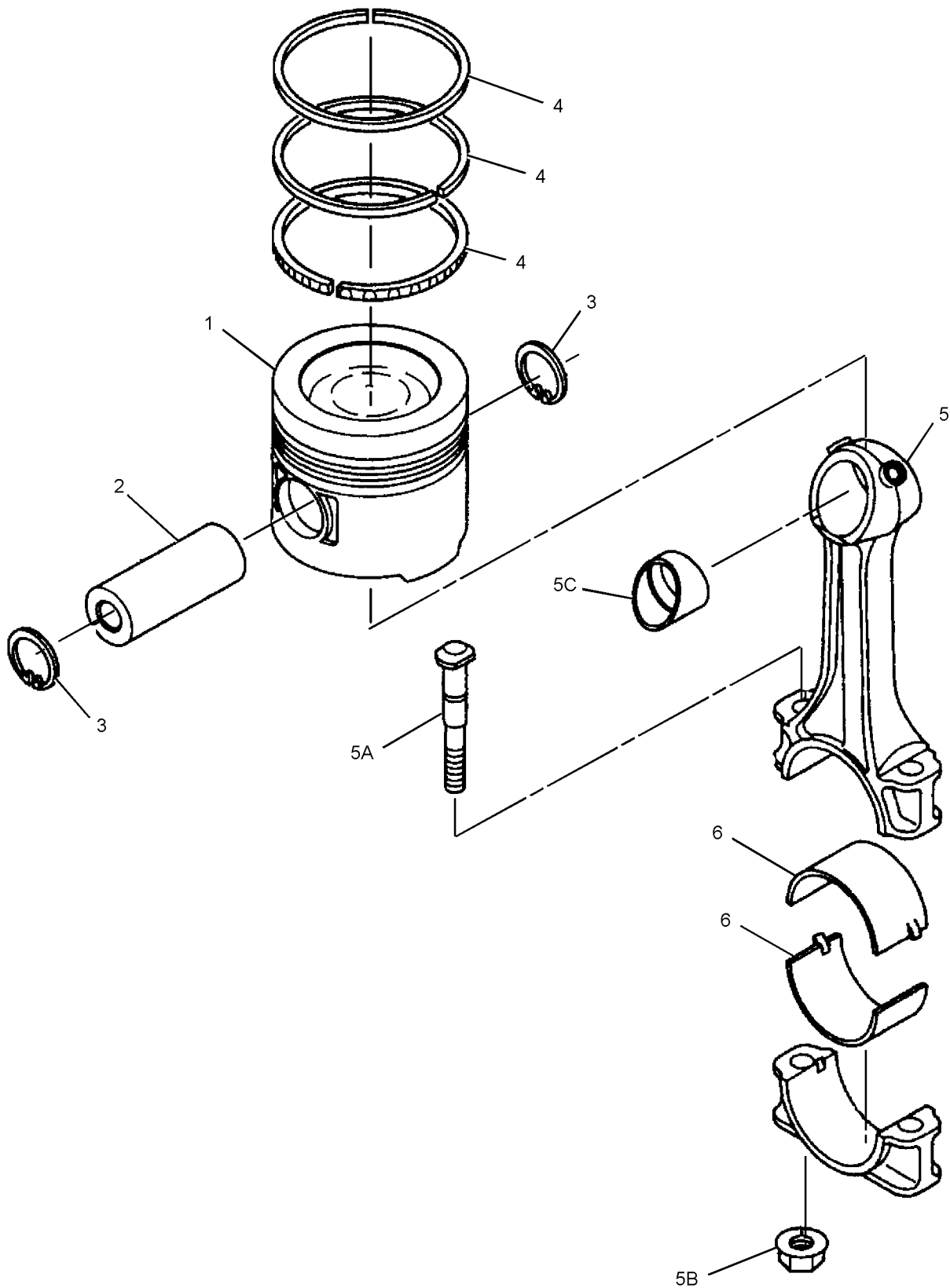
B - USE AS REQUIRED

J - INCLUDES A COMPLETE SET OF RINGS FOR ONE PISTON

BASIC ENGINE

296 - 4659 PISTON & ROD GP (contd.)

i02785163



GRAPHIC #1

<END>

g01317861

BASIC ENGINE

305-4908 PULLEY AS-IDLER

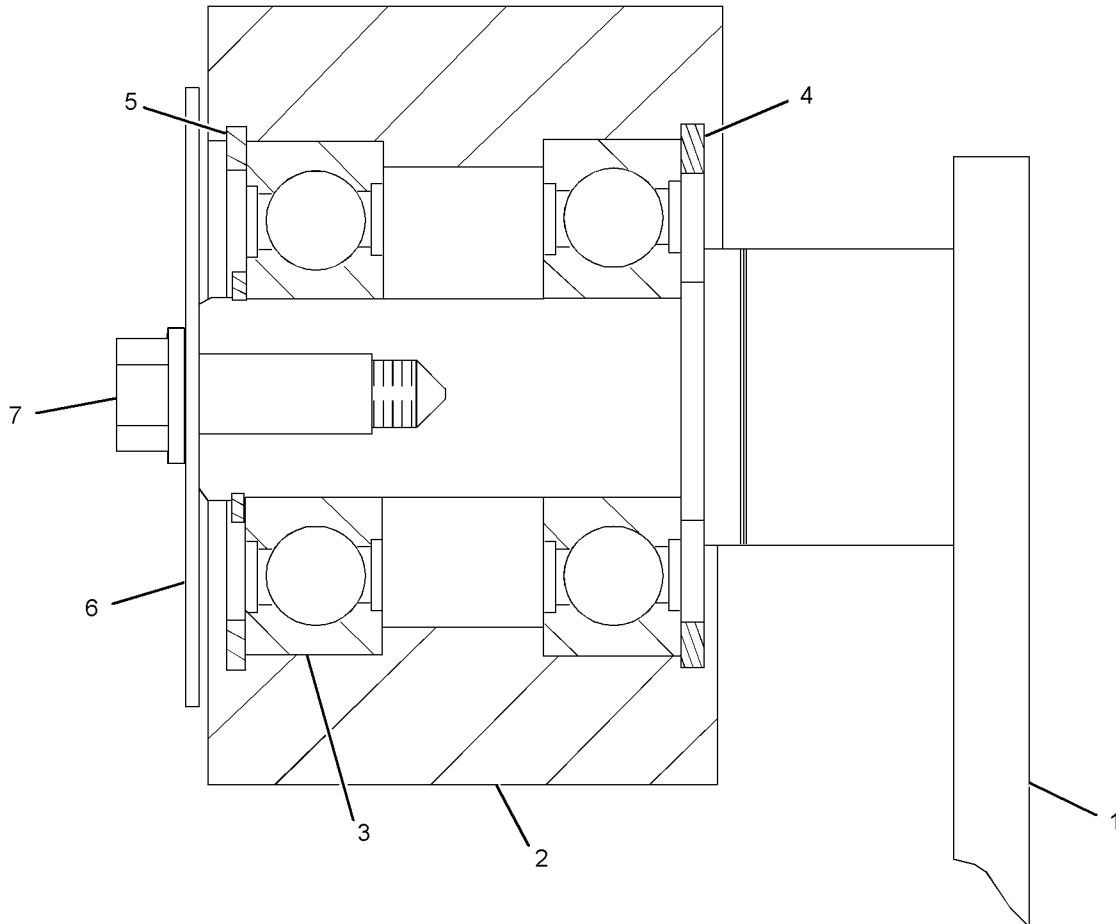
S/N: A6F1-UP; A8F1-UP

PART OF 296-4667, 297-7747 PULLEY GP-ENGINE
ALSO AN ATTACHMENT

SMCS-1358

i02766806

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	305-4907	1	BRACKET						
	2	1	294-1784	1	PULLEY						
	3	1	294-1785	2	BEARING						
	4	1	294-1786	1	RING						
	5	1	8T-9598	2	RING-RETAINING						
	6	1	305-4906	1	COVER						
	7	1	305-4905	1	BOLT						



GRAPHIC #1

<END>

g01383446

BASIC ENGINE

296-4667 PULLEY GP - ENGINE

S/N: A6F1-UP; A8F1-UP

PART OF 310-9485 ENGINE AR-COMPLETE
AN ATTACHMENT

SMCS-1205, 1207, 1359, 1384, 1425

i02794495

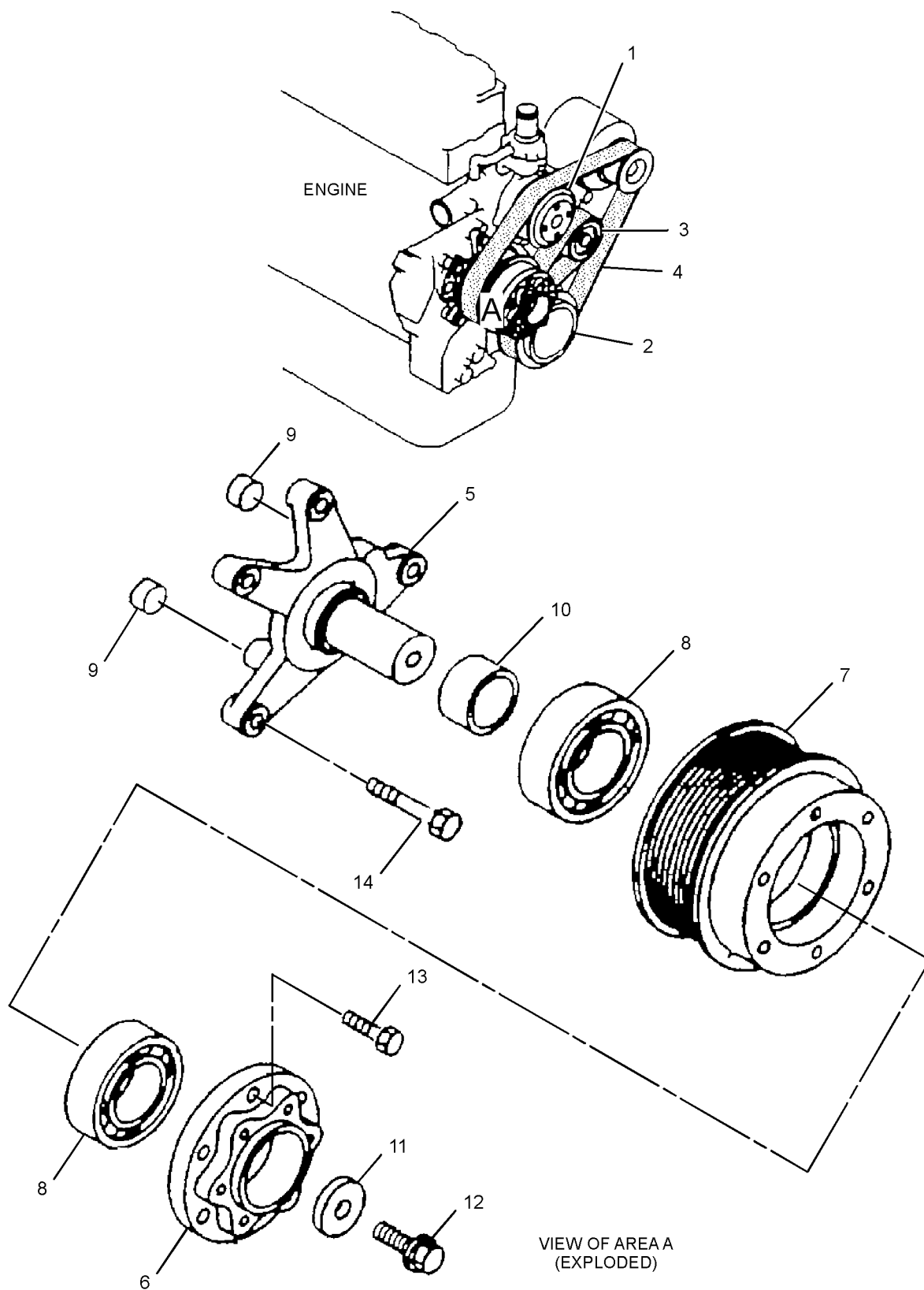
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	212-8584	1	PULLEY						
	2	1	266-6326	1	PULLEY AS						
		1	5I-7540	1	SLEEVE						
Y	3	1	305-4908	1	PULLEY AS- IDLER						32
	4	1	294-1781	1	BELT-SERPENTINE						
	5	1	266-6332	1	BRACKET						
	6	1	266-6333	1	COVER						
	7	1	266-6337	1	PULLEY						
	8	1	266-6334	2	BEARING						
	9	1	212-8596	2	BUSHING						
	10	1	266-6335	1	SPACER (40.8X50.8X27-MM THK)						
	11	1	266-6336	1	WASHER (13X49X8-MM THK)						
M	12	1	266-6338	1	BOLT (M12X1.25X25-MM)						
	13	1	294-1726	6	BOLT (M10X1.5X37-MM)						
M	14	1	213-9433	4	BOLT (M10X1.5X45-MM)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

BASIC ENGINE

296-4667 PULLEY GP-ENGINE (contd.)

i02794495



GRAPHIC #1

<END>

g01376966

BASIC ENGINE

297-7747 PULLEY GP - ENGINE

S/N: A6F1-UP; A8F1-UP

PART OF 272-4682 ENGINE AR-COMPLETE

SMCS-1205, 1207, 1359, 1384, 1425

i02780794

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	305-4908	1	PULLEY AS-IDLER	32
M	2	1	297-7824	11	BOLT AS (M10X1.5X42-MM)	
	3	1	7X-0796	6	LOCKWASHER	
	4	1	266-6230	1	SPACER-FAN	
	5	1	212-8593	1	PLATE	
	6	1	266-6231	6	BOLT (M10X1.5X120-MM)	
	7	1	212-8584	1	PULLEY	
	8	1	297-7825	1	BELT-SERPENTINE	
	9	1	266-6228	1	COVER	
	10	1	222-8371	1	PULLEY AS (DRIVE)	
		1	5I-7540	1	SLEEVE	
Y	11	1	305-4775	1	FAN GP-SUCTION	53

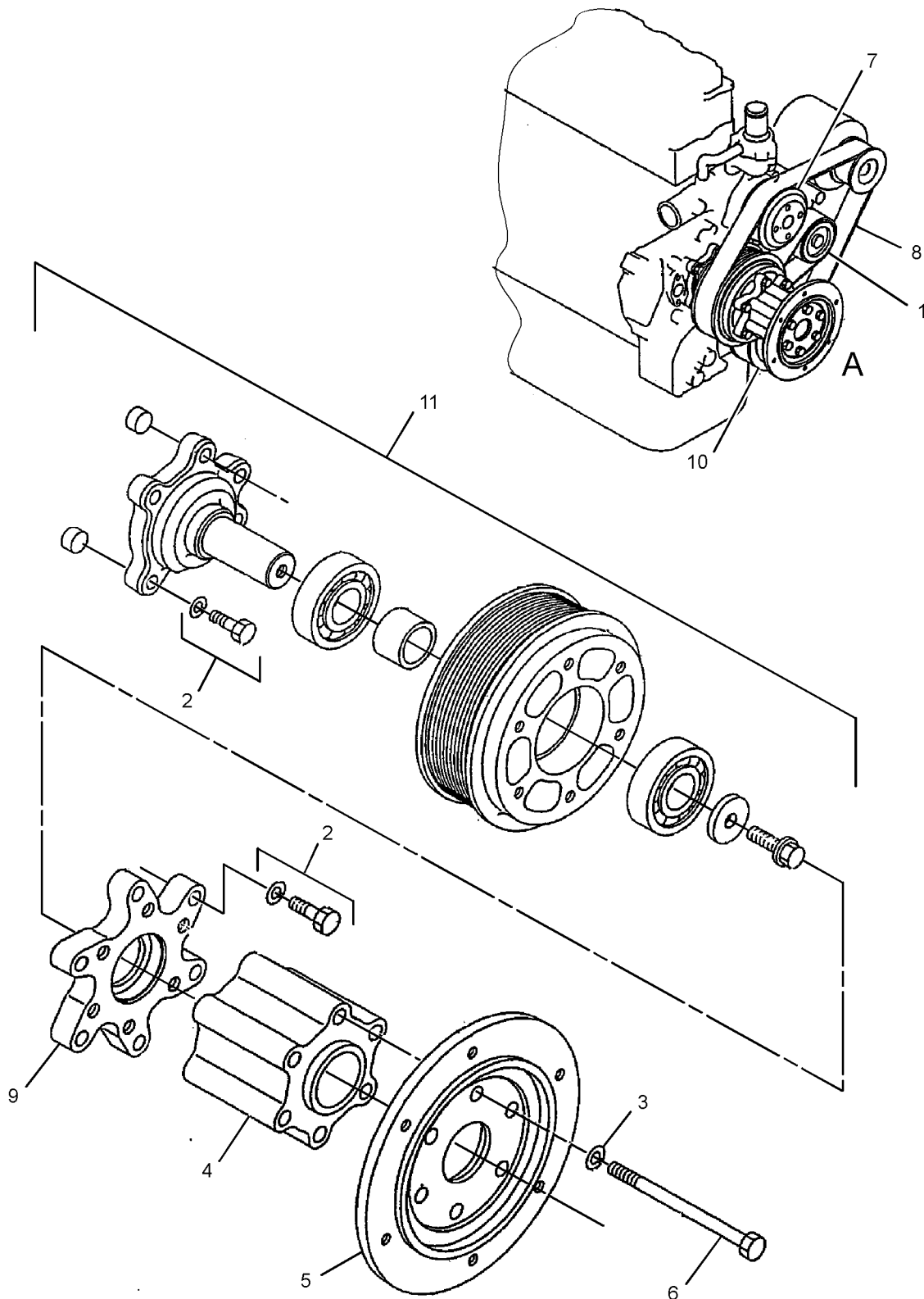
M-METRIC PART

Y-SEPARATE ILLUSTRATION

BASIC ENGINE

297-7747 PULLEY GP-ENGINE (contd.)

i02780794



VIEW OF AREA A
(EXPLODED)

GRAPHIC #1

<END>

g01393223

BASIC ENGINE

255-3018 PULLEY GP - IDLER

S/N: A6F1-UP; A8F1-UP

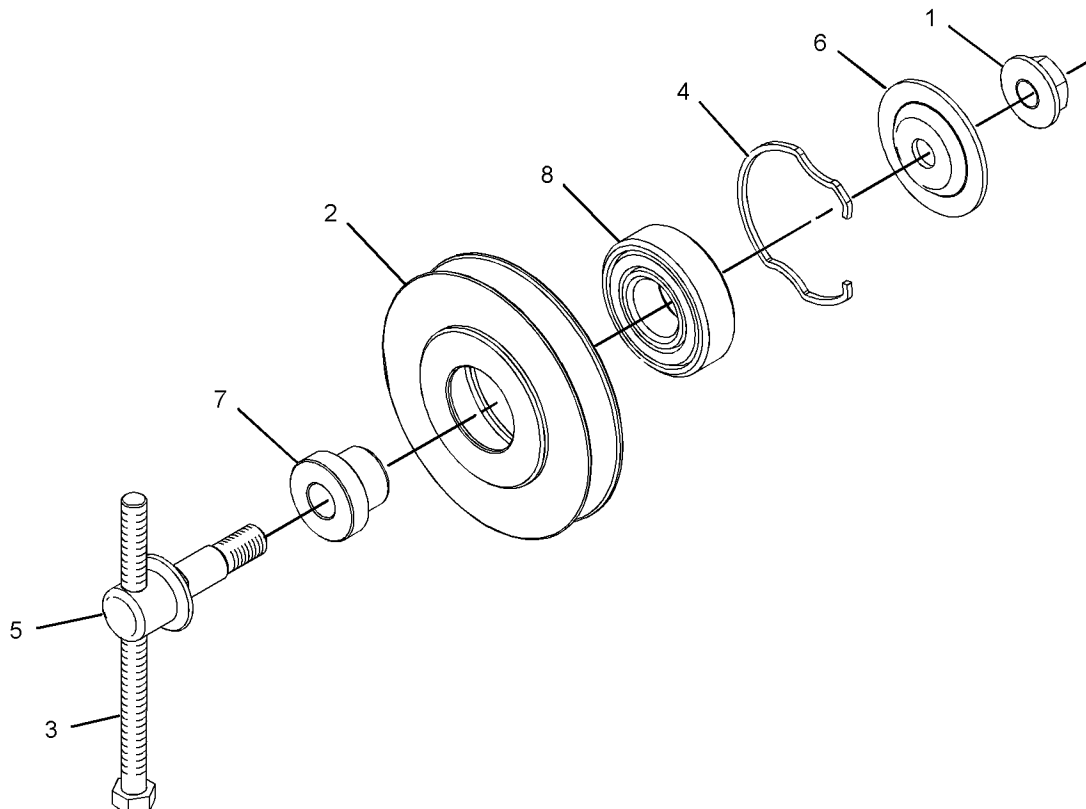
PART OF 239-6507 COMPRESSOR GP-REFRIGERANT

SMCS-1358

i02674716

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	255-3022	1	NUT (M10X1.25-THD)						
	2	1	239-6626	1	PULLEY- IDLER						
M	3	1	239-6627	1	BOLT (M8X1.25X110-MM)						
	4	1	239-6632	1	RING- SNAP						
	5	1	255-3020	1	SHAFT						
	6	1	255-3021	1	WASHER						
	7	1	239-6630	1	COLLAR						
	8	1	239-6631	1	BEARING AS- BALL						

M-METRIC PART



GRAPHIC #1

<END>

g01277313

BASIC ENGINE

305-4910 VALVE MECHANISM GP

S/N: GDC1-UP

PART OF 272-4683 ENGINE AR
ALSO AN ATTACHMENT

SMCS-1209

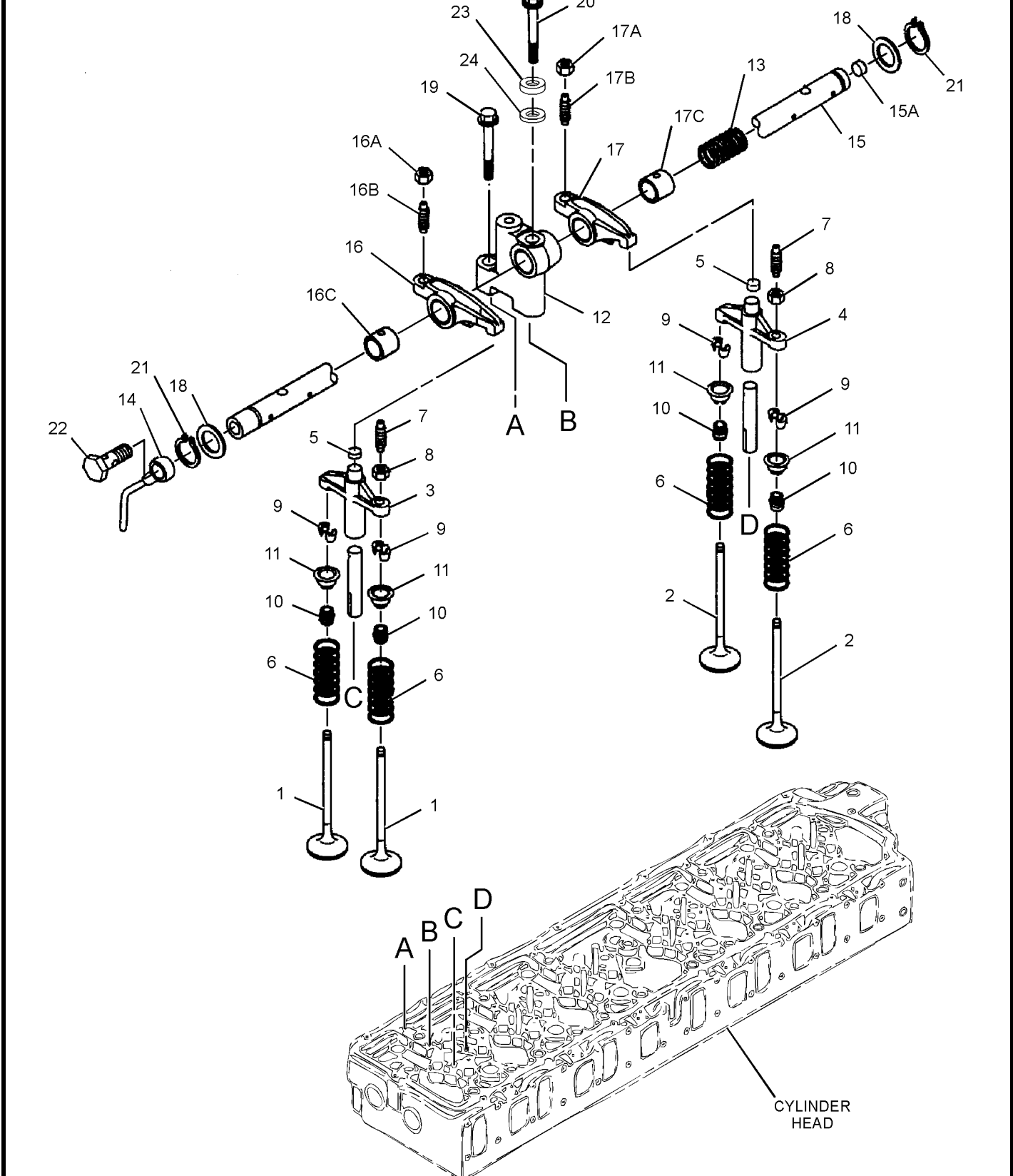
i02781972

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	294-1684	12	VALVE - INLET						
	2	1	294-1685	12	VALVE - EXHAUST						
	3	1	294-1686	6	INLET						
	4	1	294-1687	6	BRIDGE - EXHAUST						
	5	1	5I-7630	12	CAP						
	6	1	294-1688	24	SPRING						
	7	1	294-1689	12	SCREW						
M	8	1	8T-7964	12	NUT (M6X1 - THD)						
	9	1	199-2188	48	PIN - COTTER						
	10	1	199-2189	24	SEAL - VALVE STEM						
	11	1	199-2187	24	RETAINER						
	12	1	305-4750	6	BRACKET						
	13	1	305-4751	4	SPRING						
	14	1	294-1693	1	PIPE						
	15	1	305-4930	1	SHAFT AS -ROCKER						
	15A	1	096-3741	1	CAP						
	16	1	305-4929	6	ROCKER ARM AS						
					(EACH INCLUDES)						
M	16A	1	091-3474	1	NUT (M8X1 .25 - THD)						
	16B	1	094-9525	1	SCREW						
	16C	1	305-4928	1	BUSHING						
	17	1	305-4927	6	ROCKER ARM AS						
					(EACH INCLUDES)						
M	17A	1	091-3474	1	NUT (M8X1 .25 - THD)						
	17B	1	094-9525	1	SCREW						
	17C	1	305-4928	1	BUSHING						
	18	1	294-1698	4	WASHER						
	19	1	294-1699	6	BOLT						
	20	1	305-4746	6	BOLT						
	21	1	294-1786	4	RING						
	22	1	294-1702	1	BOLT						
	23	1	3B-4505	4	LOCKWASHER						
	24	1	305-4747	4	WASHER						
M - METRIC PART											

BASIC ENGINE

305-4910 VALVE MECHANISM GP (contd.) i02781972

Page 20



GRAPHIC #1

<END>

g01369661

LUBRICATION SYSTEM

296-4638 BREATHER GP

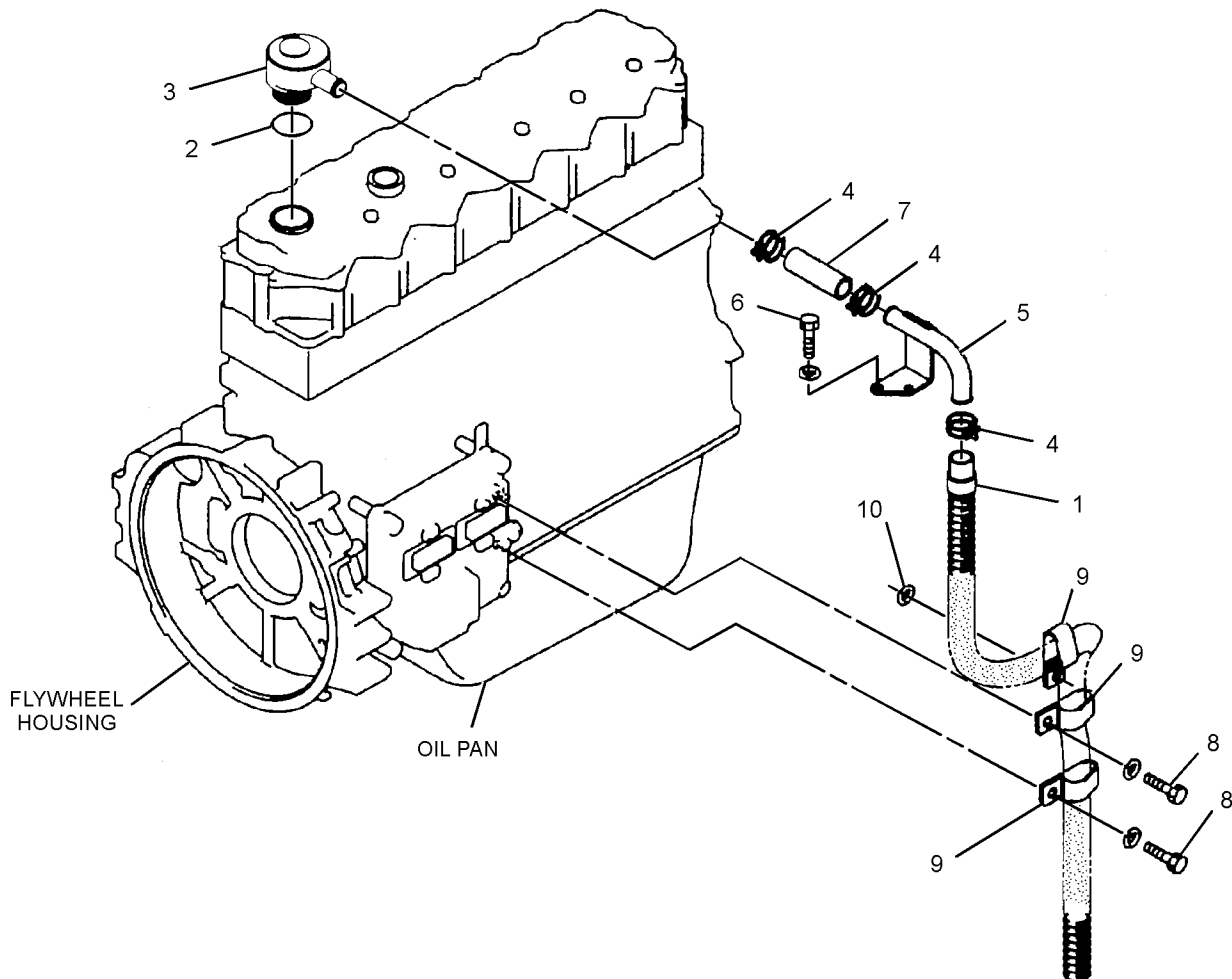
S/N: GDC1-UP

PART OF 272-4683 ENGINE AR
ALSO AN ATTACHMENT

SMCS-1317

i02781943

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	294-1773	1	HOSE						
	2	1	294-1774	1	SEAL-O-RING						
	3	1	5I-7725	1	BREATHER (CRANKCASE)						
	4	1	2S-3440	3	CLAMP-HOSE						
	5	1	5I-7645	1	PIPE						
	6	1	5I-5597	2	BOLT (M14X1.5X10-MM)						
	7	1	5I-4940	1	TUBE (FUMES DISPOSAL)						
	8	1	294-1775	2	BOLT (M10X1.5X23-MM)						
	9	1	294-1776	3	CLIP						
	10	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						



GRAPHIC #1

<END>

g01356353

LUBRICATION SYSTEM

279-7911 FILTER & MTG GP-ENGINE OIL

S/N: A6F1-UP; A8F1-UP

PART OF 272-4742 INSTALLATION AR-ENGINE

SMCS-1306, 1308

i02777447

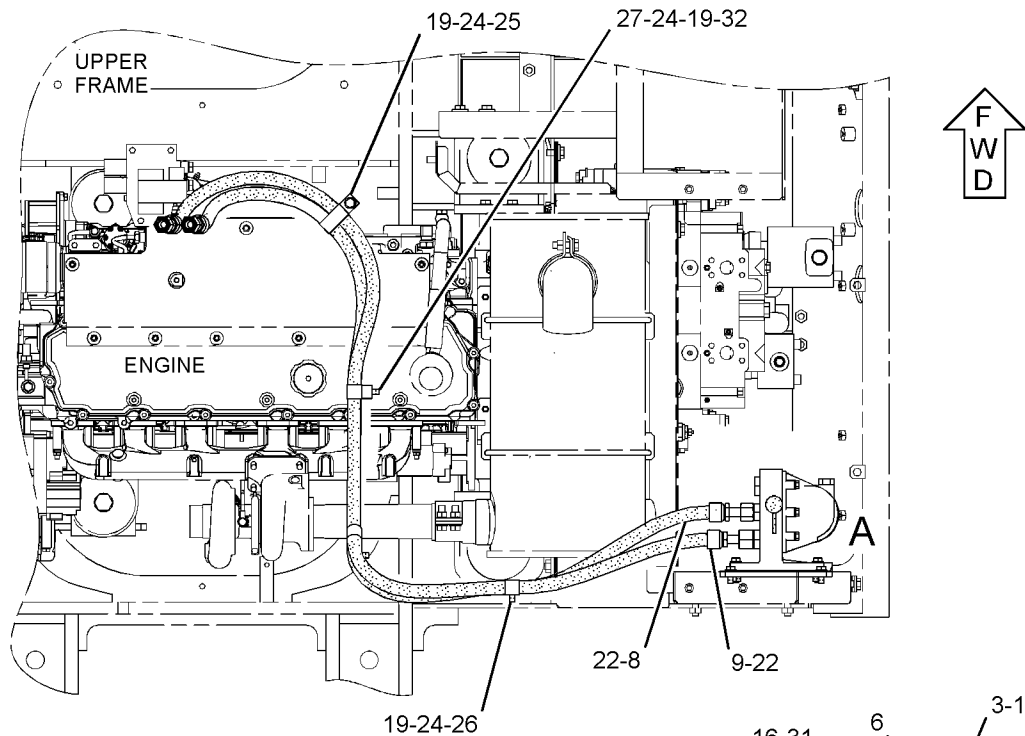
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6V-5266	3	SEAL-O-RING						
	2	1	7C-1493	1	VALVE AS-BYPASS						
	3	1	7W-9028	1	BASE AS-OIL FILTER						
	4	1	8C-3445	1	CAP-DUST						
	5	1	9L-9188	1	SPRING-VALVE						
	6	1	121-0307	1	BASE						
	7	1	305-4781	1	PLATE AS						
I	8	1	310-9498	1	HOSE AS						
I	9	1	310-9500	1	HOSE AS						
	10	1	1R-0739	1	FILTER AS-ENGINE OIL						
	11	1	152-2939	1	SEAL-O-RING						
	12	1	2T-2991	1	CONNECTOR						
	13	1	189-9377	1	SEAL-O-RING						
	14	1	153-4906	1	SEAL-O-RING						
	15	1	033-5853	1	SEAL-O-RING						
	16	1	033-6038	2	SEAL-O-RING						
M	17	1	5P-8196	1	PLUG						
	18	1	5P-9617	1	ADAPTER						
	19	1	6D-1641	4	CLIP						
	20	1	6V-8713	1	CONNECTOR						
	21	1	228-7092	1	SEAL-O-RING						
	22	1	152-2938	3	SEAL-O-RING						
	23	1	8C-3446	1	VALVE-FLUID SAMPLING (ENGINE OIL)						
	24	1	8T-4121	10	WASHER-HARD (11X21X2.5-MM THK)						
M	25	1	8T-4136	4	BOLT (M10X1.5X25-MM)						
M	26	1	8T-4137	2	BOLT (M10X1.5X20-MM)						
M	27	1	8T-4186	4	BOLT (M10X1.5X40-MM)						
M	28	1	8T-4197	3	BOLT (M8X1.25X40-MM)						
	29	1	8T-4224	5	WASHER-HARD (8.8X16X2-MM THK)						
M	30	1	8T-7547	2	BOLT (M8X1.25X30-MM)						
	31	1	9S-4188	1	PLUG						
	32	1	173-8073	1	BOSS						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART

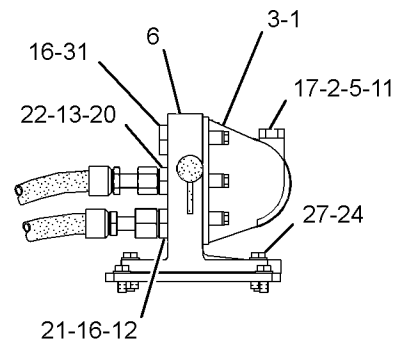
LUBRICATION SYSTEM

279-7911 FILTER & MTG GP-ENGINE OIL (contd.)

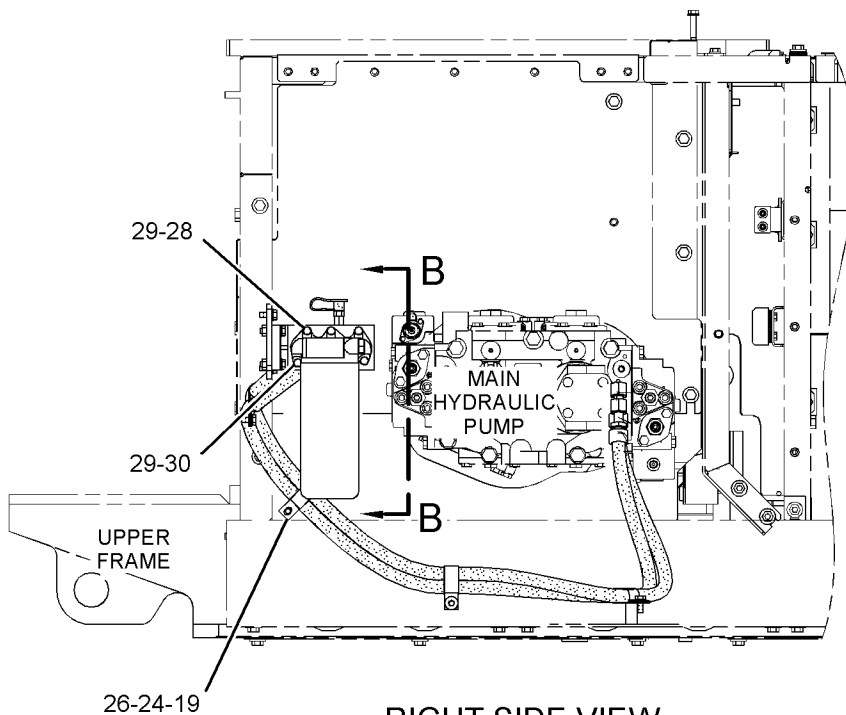
i02777447



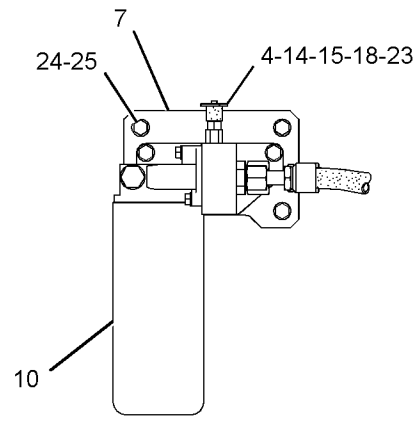
TOP VIEW



VIEW OF AREA A



RIGHT SIDE VIEW



VIEW B-B

GRAPHIC #1

<END>

g01393101

LUBRICATION SYSTEM

296 - 4654 FILTER GP - ENGINE OIL

S/N: GDC1-UP

PART OF 272-4683 ENGINE AR
ALSO AN ATTACHMENT

SMCS - 1308

i02781963

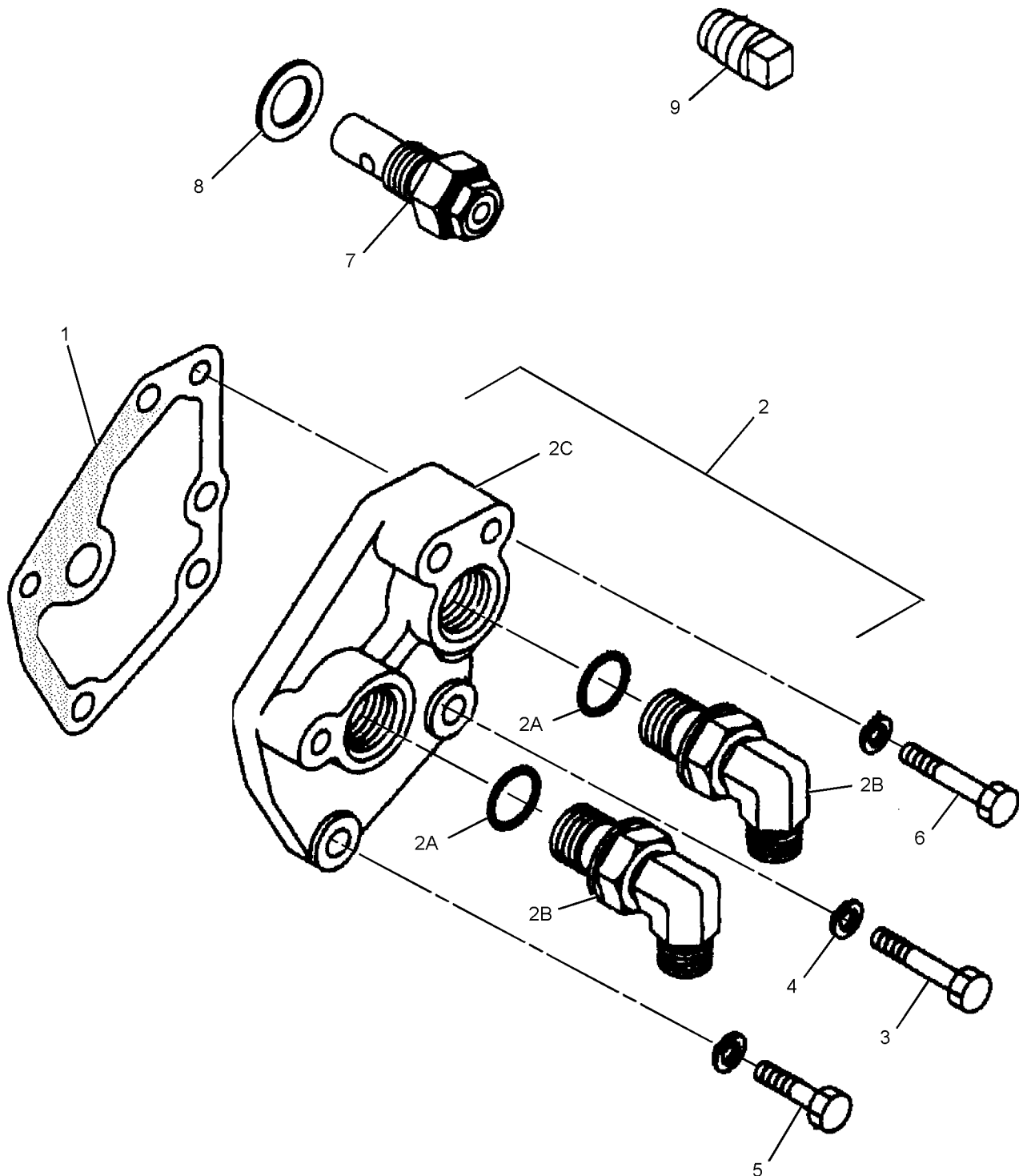
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	294 - 1769	1	GASKET						
	2	1	294 - 1770	1	COVER AS - FILTER						
	2A	1	185 - 2791	2	SEAL						
	2B	1	185 - 2793	2	ELBOW						
	2C	1	294 - 1771	1	COVER						
M	3	1	8T - 4185	1	BOLT (M10X1.5X50-MM)						
	4	1	7X - 0796	1	LOCKWASHER						
	5	1	294 - 1726	3	BOLT (M10X1.5X37-MM)						
	6	1	294 - 1772	2	BOLT						
	7	1	5I - 8066	1	VALVE AS - RELIEF (ENGINE OIL PRESSURE)						
	8	1	5B - 5947	1	GASKET						
	9	1	5I - 7505	1	PLUG						

M - METRIC PART

LUBRICATION SYSTEM

296-4654 FILTER GP-ENGINE OIL (contd.)

i02781963



GRAPHIC #1

<END>

g01316771

LUBRICATION SYSTEM

162-6185 LINES GP-ENGINE OIL DRAIN

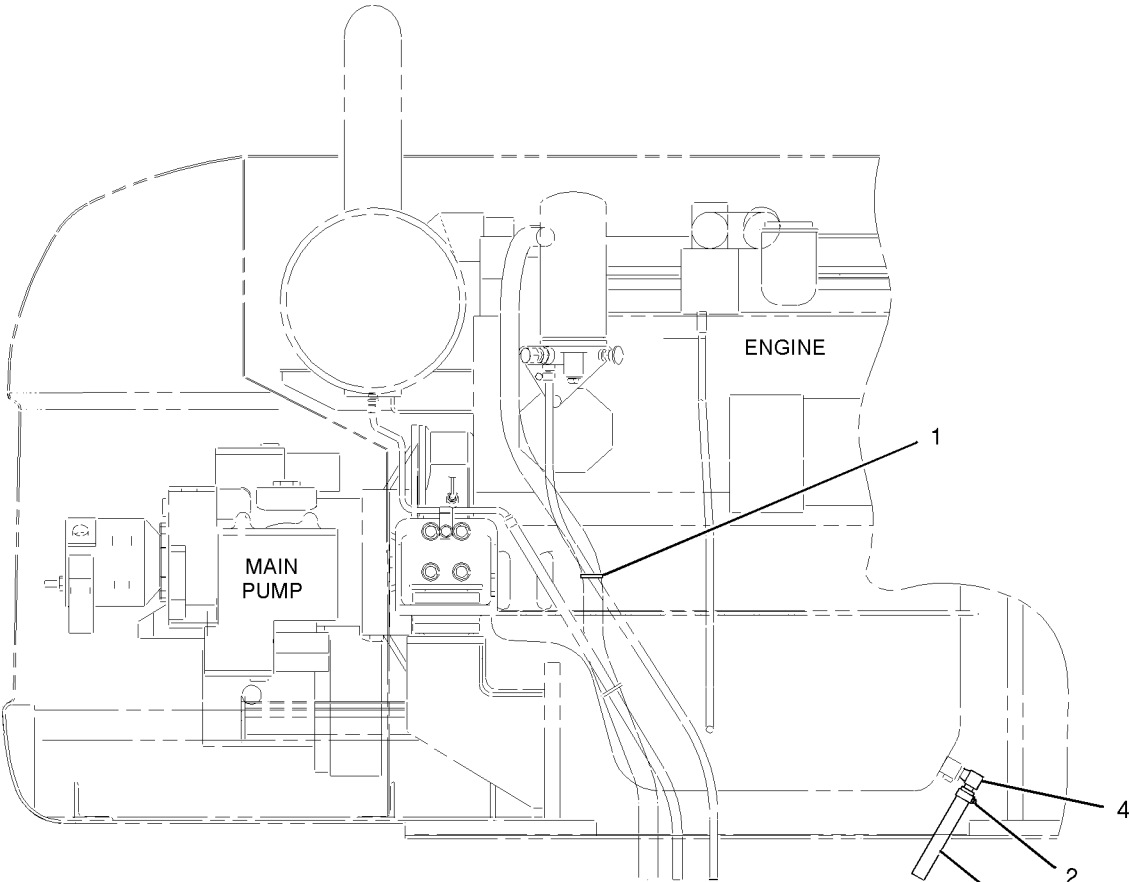
S/N: A6F1-UP; A8F1-UP

PART OF 272-4742 INSTALLATION AR-ENGINE

SMCS-1307

i01935012

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	096-0061	1	STRAP - CABLE						
	2	1	095-1388	1	CLAMP - HOSE						
E	3	1	5P-0743		HOSE (17CM)						
	4	1	217-5469	1	ELBOW						
E - ORDER BY THE CENTIMETER											



FRONT VIEW

<END>

GRAPHIC #1

g01033093

LUBRICATION SYSTEM

296-4636 LINES GP-TURBOCHARGER OIL

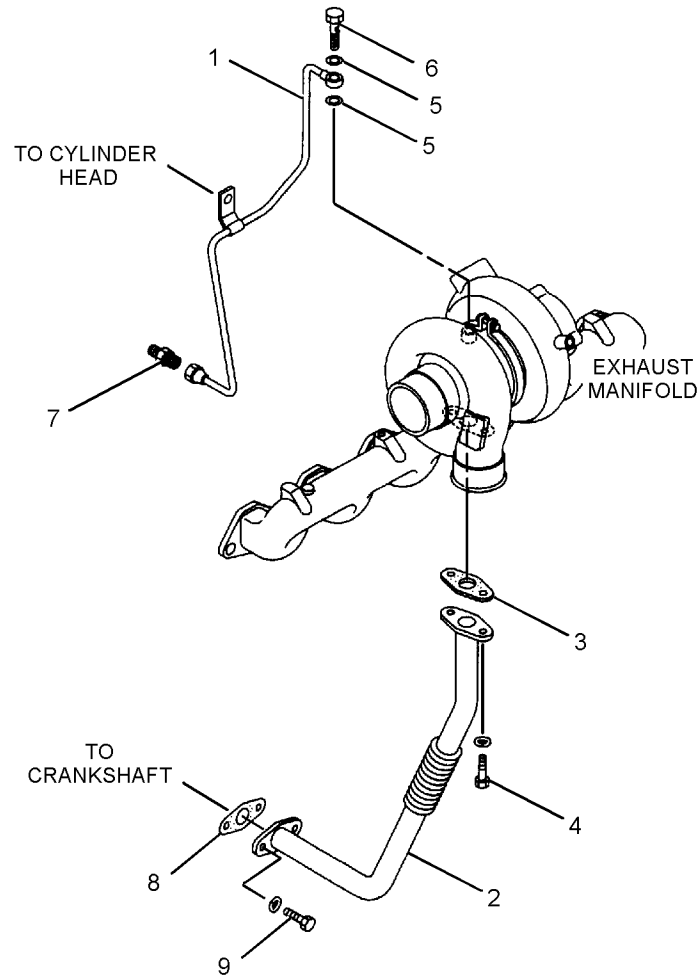
S/N: GDC1-UP

PART OF 272-4683 ENGINE AR
ALSO AN ATTACHMENT

SMCS-1052

i02781941

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6	
	1	1	294-1764	1	PIPE						
	2	1	294-1765	1	PIPE						
	3	1	294-1766	1	GASKET						
	4	1	195-8322	2	BOLT (M6X1X16-MM)						
	5	1	2A-5222	2	WASHER (10.3X15.9X1-IN)						
	6	1	5I-7623	1	BOLT						
	7	1	5I-8058	1	CONNECTOR						
	8	1	5I-7561	1	GASKET						
	9	1	196-8366	2	BOLT						



GRAPHIC #1

<END>

g01319518

COOLING SYSTEM

296-4642 COOLER GP-ENGINE OIL

S/N: GDC1-UP

PART OF 272-4683 ENGINE AR
ALSO AN ATTACHMENT

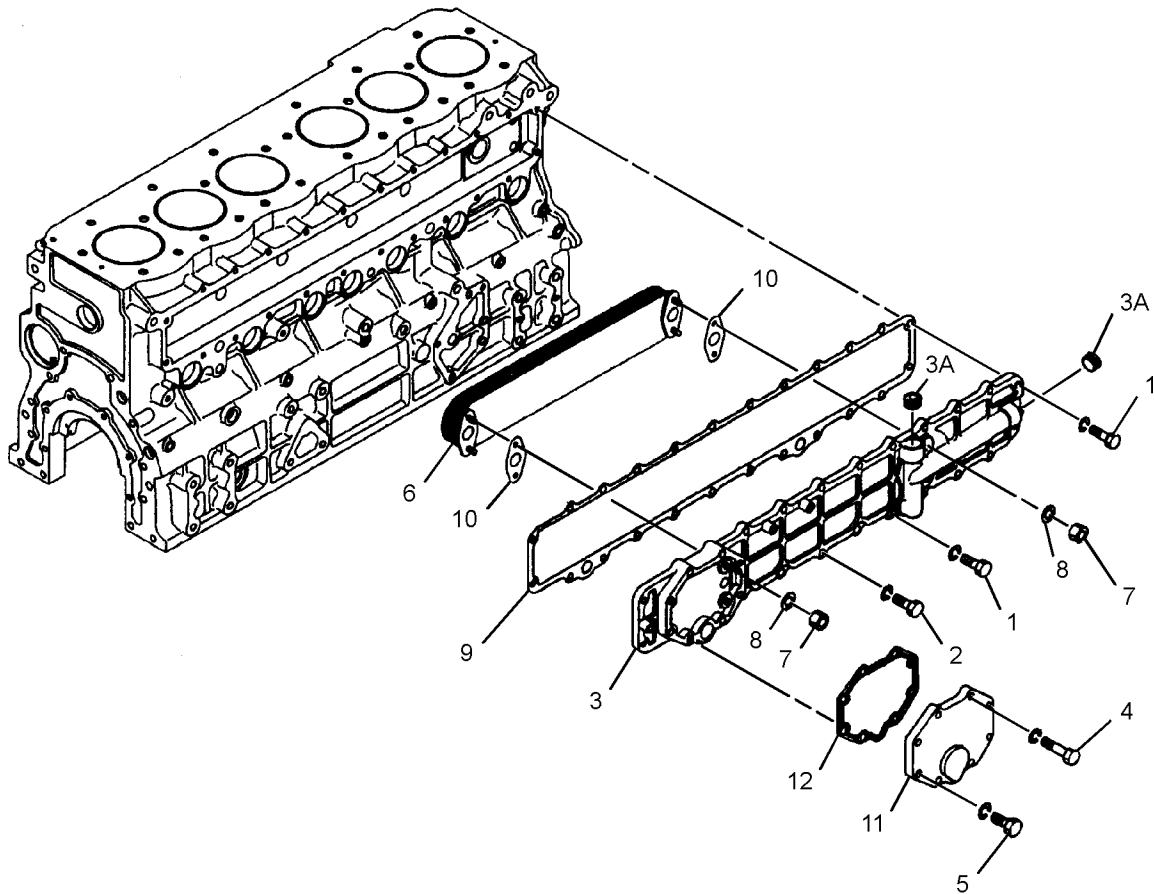
SMCS-1378

i02783192

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	196-8366	6	BOLT						
	2	1	094-9266	14	BOLT						
	3	1	255-2904	1	COVER AS						
	3A	1	096-3321	2	PLUG						
	4	1	094-9267	4	BOLT						
	5	1	294-1738	4	BOLT (M10X1.5X32-MM)						
R	6	1	125-2970	1	CORE AS-OIL COOLER						
M	7	1	5C-7261	4	NUT (M8X1.25-THD)						
	8	1	3B-4505	4	LOCKWASHER						
	9	1	5I-7690	1	GASKET						
	10	1	5I-7691	2	GASKET						
	11	1	222-8238	1	COVER						
	12	1	217-5589	1	GASKET						

M-METRIC PART

R-REMFG PART MAY BE AVAILABLE



GRAPHIC #1

<END>

g01316658

COOLING SYSTEM

298-4272 COOLING AR-HIGH AMBIENT TEMP

S/N: A6F1-UP; A8F1-UP

AN ATTACHMENT

SMCS-1350

i02783132

NOTE	PART NUMBER	QTY	PART NAME	SEE PAGE
			1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	289-6910	1	DOOR GP-ACCESS (RADIATOR)	219
Y	310-9485	1	ENGINE AR-COMPLETE	6
Y	230-2979	1	FAN GP-BLOWER	50
Y	265-3600	1	RADIATOR & HYD OIL COOLER GP	58
Y	306-8501	1	WIRING GP-FAN (FLUID CLUTCH)	201
Y-SEPARATE ILLUSTRATION				

<END>

COOLING SYSTEM

230 - 2979 FAN GP - BLOWER

S/N: A6F1-UP; A8F1-UP

PART OF 298-4272 COOLING AR-HIGH AMBIENT TEMP
AN ATTACHMENT

SMCS-1356, 1360

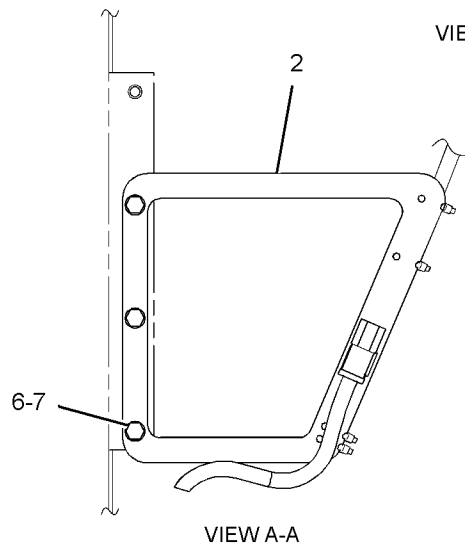
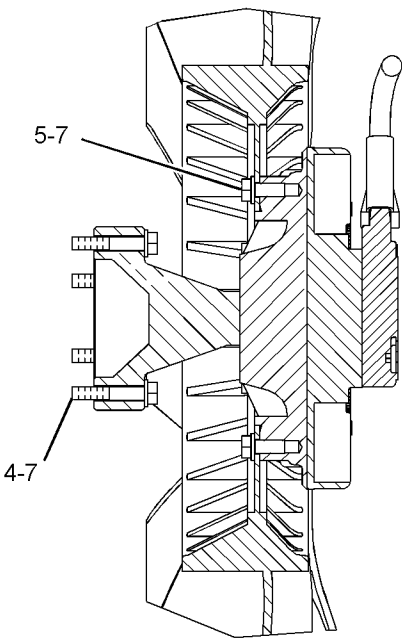
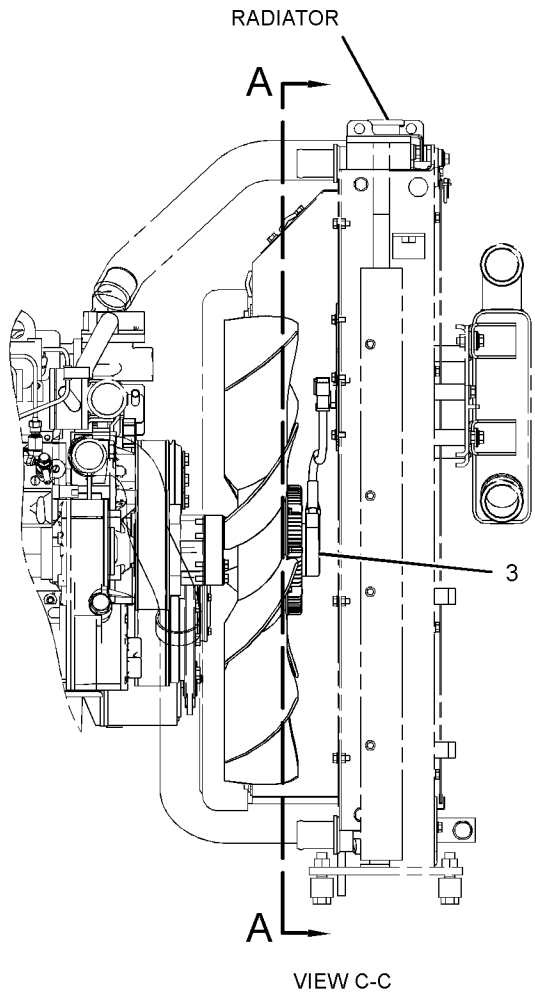
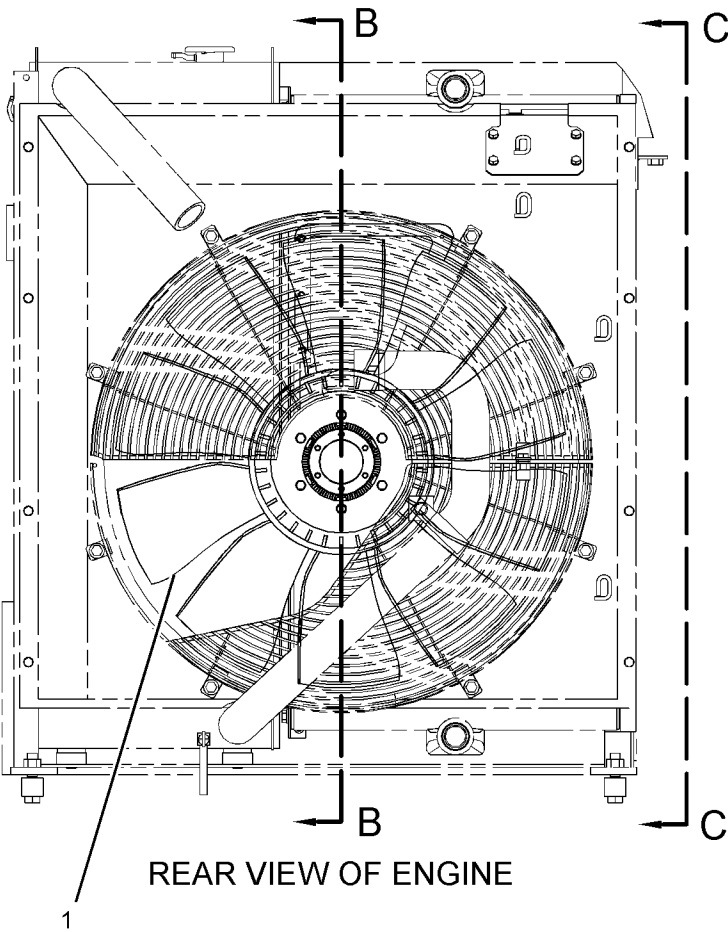
i02783151

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	245-9344	1	FAN AS (10-BLADE)	
	2	1	265-3557	1	PLATE AS	
	3	1	281-3588	1	DRIVE AS-FAN	
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
M	4	1	7X-0818	6	BOLT (M8X1.25X45-MM)	
M	5	1	8T-4189	6	BOLT (M8X1.25X20-MM)	
M	6	1	8T-4200	3	BOLT (M8X1.25X16-MM)	
	7	1	8T-4224	15	WASHER-HARD (8.8X16X2-MM THK)	
M-METRIC PART						

COOLING SYSTEM

230 - 2979 FAN GP - BLOWER (contd.)

i02783151



GRAPHIC #1

<END>

g01381523

COOLING SYSTEM

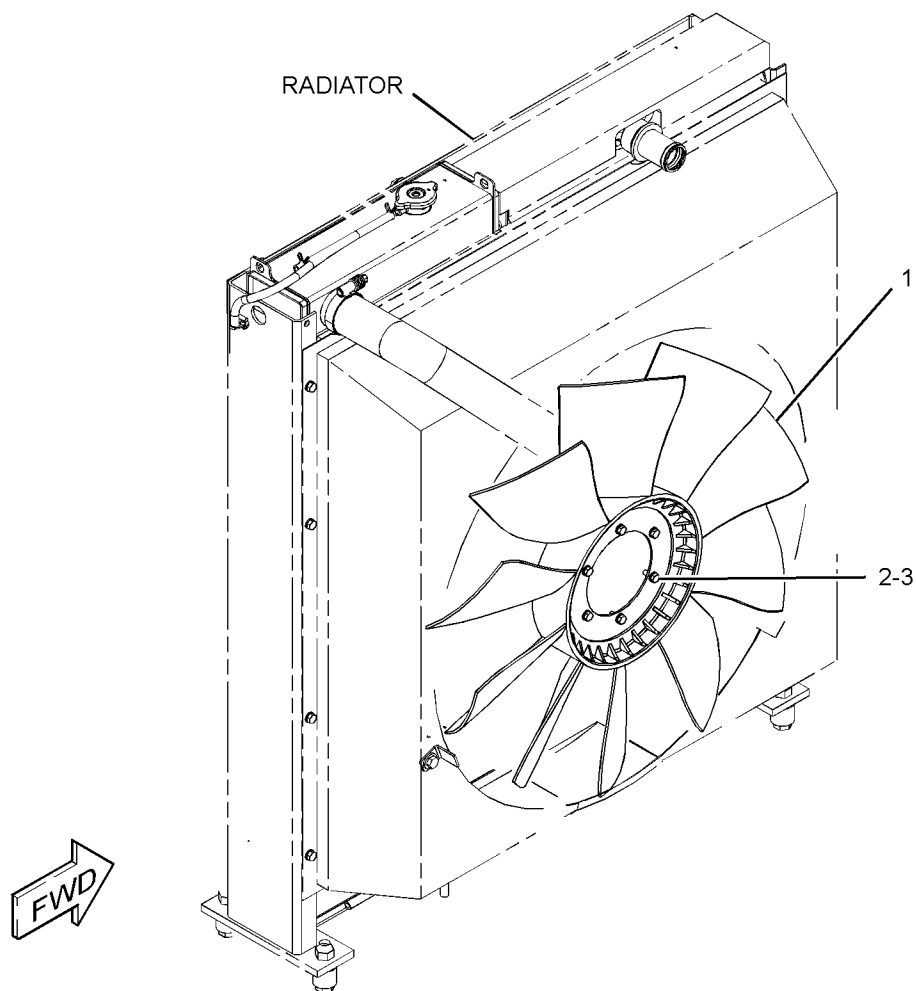
245-9313 FAN GP-SUCTION

S/N: A6F1-UP; A8F1-UP
PART OF 272-4681 ENGINE AR

SMCS-1356

i02776669

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	245-9343	1	FAN AS						
M	2	1	8T-4189	6	BOLT (M8X1.25X20-MM)						
	3	1	8T-4224	6	WASHER -HARD (8.8X16X2-MM THK)						
M-METRIC PART											



GRAPHIC #1

<END>

g01222744

COOLING SYSTEM

305-4775 FAN GP-SUCTION

S/N: A6F1-UP; A8F1-UP

PART OF 297-7747 PULLEY GP-ENGINE

SMCS-1356

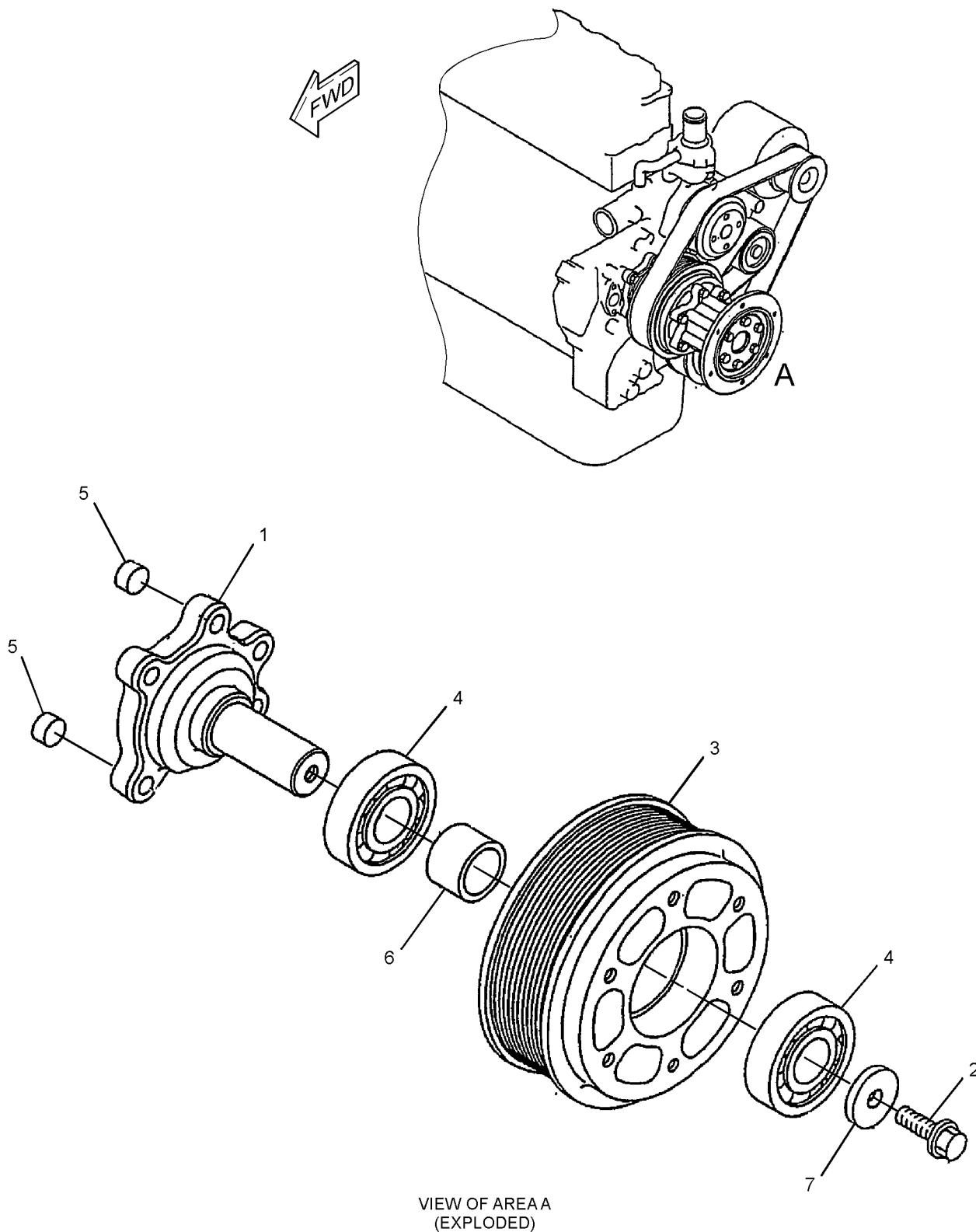
i02784744

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	266-6227	1	BRACKET	
M	2	1	255-2873	1	BOLT AS (M10X1.25X25-MM)	
	3	1	266-6229	1	PULLEY-FAN DRIVE	
	4	1	255-2926	2	BEARING	
	5	1	212-8596	2	BUSHING	
	6	1	266-6232	1	SPACER (31.1X38.1X28.4-MM THK)	
	7	1	255-2871	1	WASHER (10.5X38X7-MM THK)	
M-METRIC PART						

COOLING SYSTEM

305-4775 FAN GP-SUCTION (contd.)

i02784744



GRAPHIC #1

<END>

g01392532

COOLING SYSTEM

296-4658 LINES GP-WATER

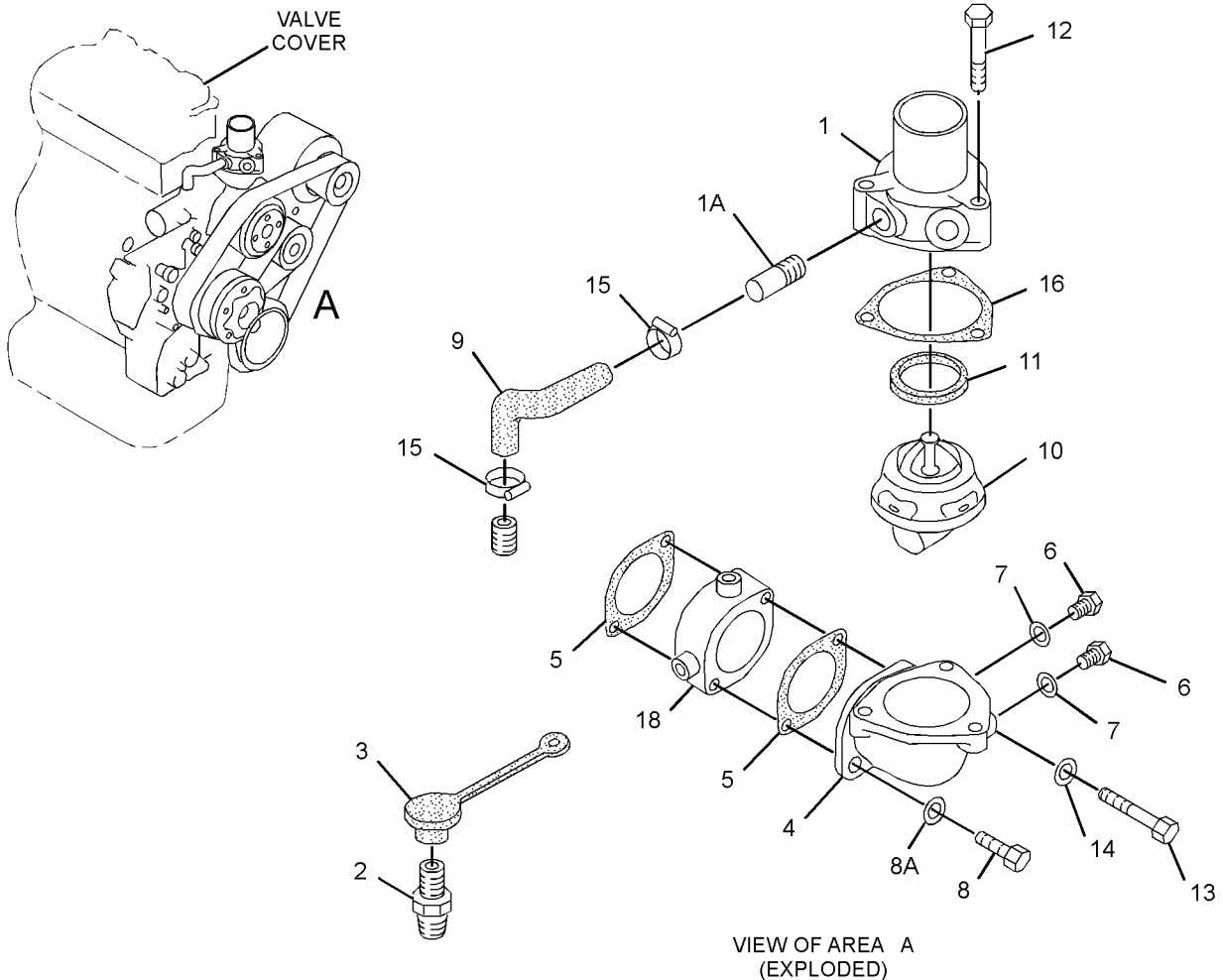
S/N: GDC1-UP

PART OF 272-4683 ENGINE AR
ALSO AN ATTACHMENT

SMCS-1355, 1380

i02781966

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	5I-7867	1	COVER AS	
	1A	1	5I-7655	1	PIPE	
	2	1	154-9024	1	VALVE GP-FLUID SAMPLING (ENGINE COOLANT)	
	3	1	157-0670	1	CAP-DUST	
	4	1	5I-7646	1	ELBOW	
	5	1	294-1777	2	GASKET	
	6	1	5I-8056	2	PLUG	
	7	1	096-9532	2	WASHER (15.8X22.5X2-MM THK)	
	8	1	270-6338	1	BOLT AS	
	8A	1	3B-4505	1	LOCKWASHER	
	9	1	294-1778	1	HOSE	
	10	1	5I-8010	1	REGULATOR (COOLANT)	
	11	1	5I-7735	1	GASKET (REGULATOR)	
	12	1	096-8619	3	BOLT	
	13	1	297-7655	1	BOLT	
	14	1	3B-4505	1	LOCKWASHER	
	15	1	2S-3440	2	CLAMP - HOSE	
	16	1	294-1780	1	GASKET	
	18	1	296-4733	1	SPACER	



GRAPHIC #1

<END>

g01357120

COOLING SYSTEM

296-4655 PUMP GP-WATER

S/N: GDC1-UP

PART OF 272-4683 ENGINE AR
ALSO AN ATTACHMENT

SMCS-1361

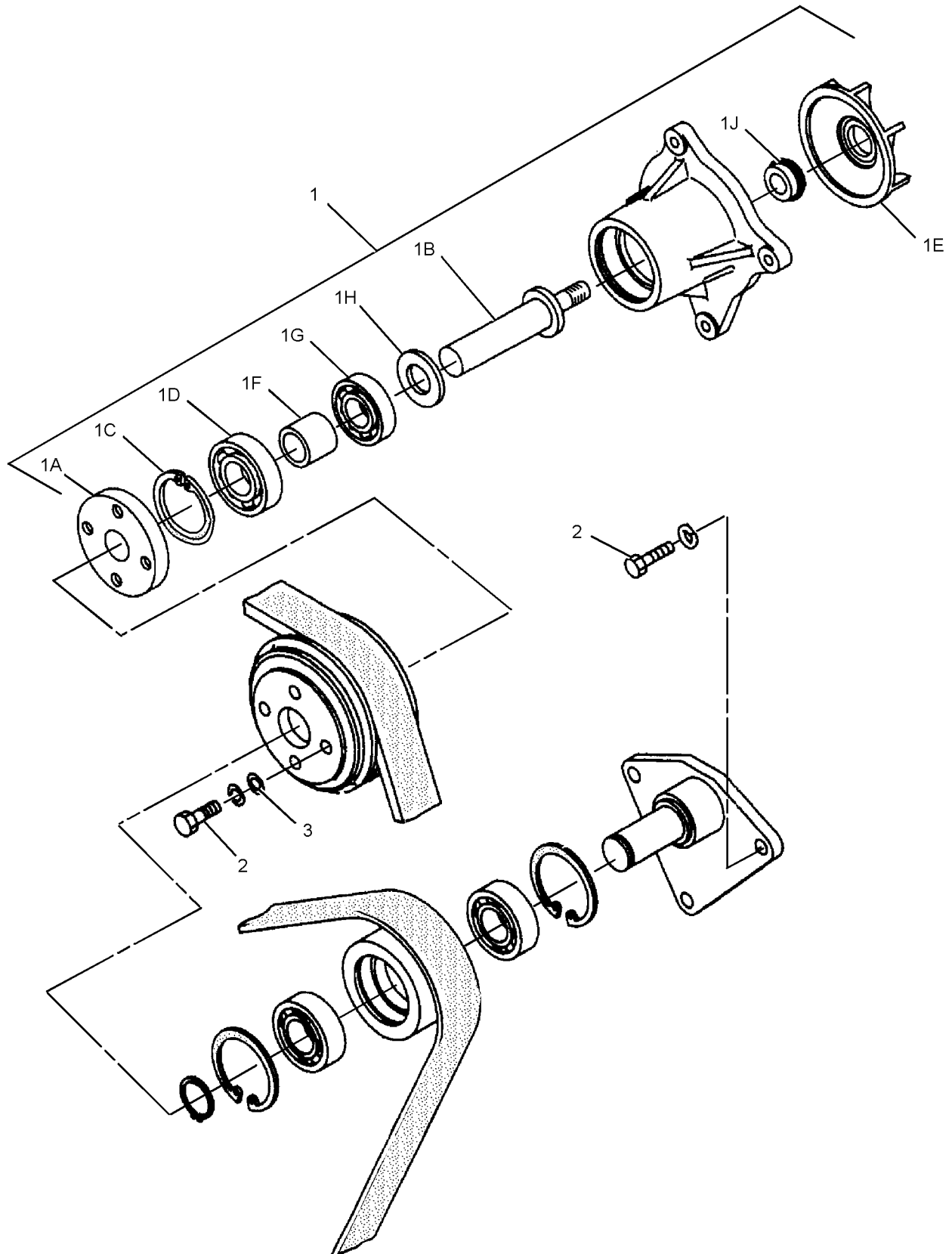
i02781964

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	178-6633	1	PUMP GP-WATER						
	1A	1	5I-7696	1	FLANGE						
	1B	1	178-6635	1	SHAFT						
	1C	1	8T-9598	1	RING-RETAINING						
	1D	1	5L-6326	1	BALL BEARING (62-MM OD)						
	1E	1	178-6634	1	IMPELLER						
	1F	1	5I-7697	1	SPACER (28-MM)						
	1G	1	2H-3814	1	BALL BEARING (52-MM OD)						
	1H	1	125-2947	1	WASHER (1-MM THK)						
	1J	1	178-6636	1	SEAL						
	2	1	294-1738	7	BOLT (M10X1.5X32-MM)						
	3	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						

COOLING SYSTEM

296 - 4655 PUMP GP - WATER (contd.)

i02781964



GRAPHIC #1

<END>

g01316735

COOLING SYSTEM

265-3600 RADIATOR & HYD OIL COOLER GP

S/N: A6F1-UP; A8F1-UP

PART OF 298-4272 COOLING AR-HIGH AMBIENT TEMP
AN ATTACHMENT

SMCS-1353, 1374

i02783159

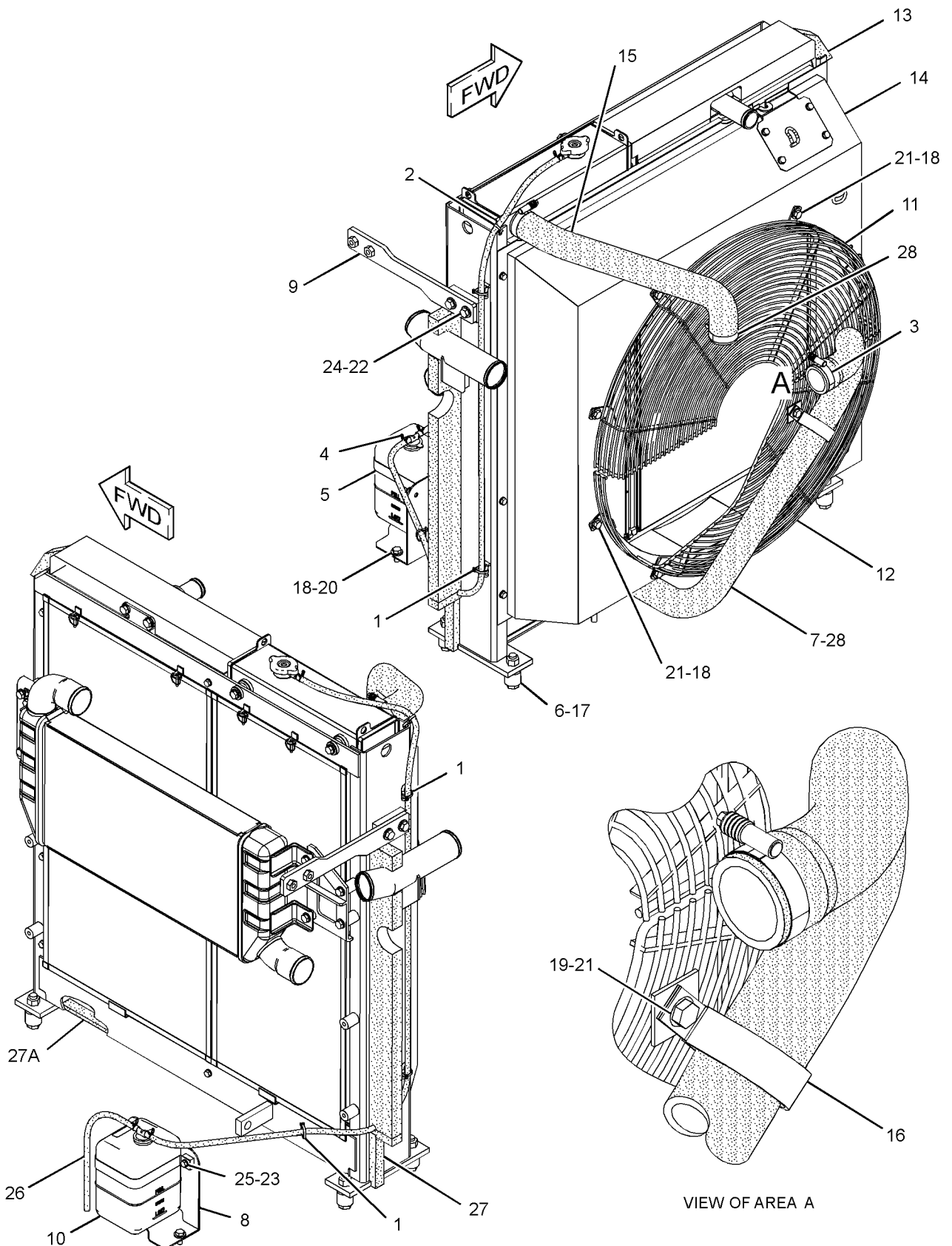
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	3	STRAP-CABLE						
	2	1	7I-2673	1	STRAP-CABLE						
	3	1	8T-4984	1	CLAMP-HOSE						
	4	1	096-4035	1	CLIP						
	5	1	171-9077	1	BAND						
	6	1	178-6450	4	SPACER (17X35X30-MM THK)						
	7	1	245-9178	1	HOSE-LOWER RADIATOR						
	8	1	245-9185	1	BRACKET AS						
	9	1	245-9191	1	PLATE AS						
	10	1	245-9205	1	TANK AS-COOLANT (RECOVERY)						
		1	171-3369	1	CAP AS (COOLANT RECOVERY)						
	11	1	245-9348	1	GUARD AS (UPPER)						
	12	1	245-9349	1	GUARD AS (LOWER)						
	13	1	245-9352	1	SEAL						
Y	14	1	281-3602	1	RADIATOR & HYD OIL COOLER GP						64
	15	1	265-3602	1	HOSE-UPPER RADIATOR						
	16	1	3P-9847	1	CLIP						
M	17	1	7X-2554	4	BOLT (M16X2X70-MM)						
	18	1	7X-7729	11	WASHER (11X25X3-MM THK)						
	19	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						
M	20	1	8T-4136	2	BOLT (M10X1.5X25-MM)						
M	21	1	8T-4137	10	BOLT (M10X1.5X20-MM)						
M	22	1	8T-4139	2	BOLT (M12X1.75X30-MM)						
M	23	1	8T-4200	2	BOLT (M8X1.25X16-MM)						
	24	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						
	25	1	8T-4224	2	WASHER-HARD (8.8X16X2-MM THK)						
E	26	1	7Y-1976		HOSE-WATER (40-CM)						
D	27	1	5P-9909		SEAL (0.14-M)						
D	27A	1	5P-9909		SEAL (0.87-M)						
	28	1	8T-6703	3	CLAMP-HOSE						

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

COOLING SYSTEM

265-3600 RADIATOR & HYD OIL COOLER GP (contd.)

i02783159



GRAPHIC #1

<END>

g01380034

COOLING SYSTEM

265-3616 RADIATOR & HYD OIL COOLER GP

S/N: A6F1-UP; A8F1-UP

PART OF 272-4742 INSTALLATION AR-ENGINE

SMCS-1353, 1374

i02778285

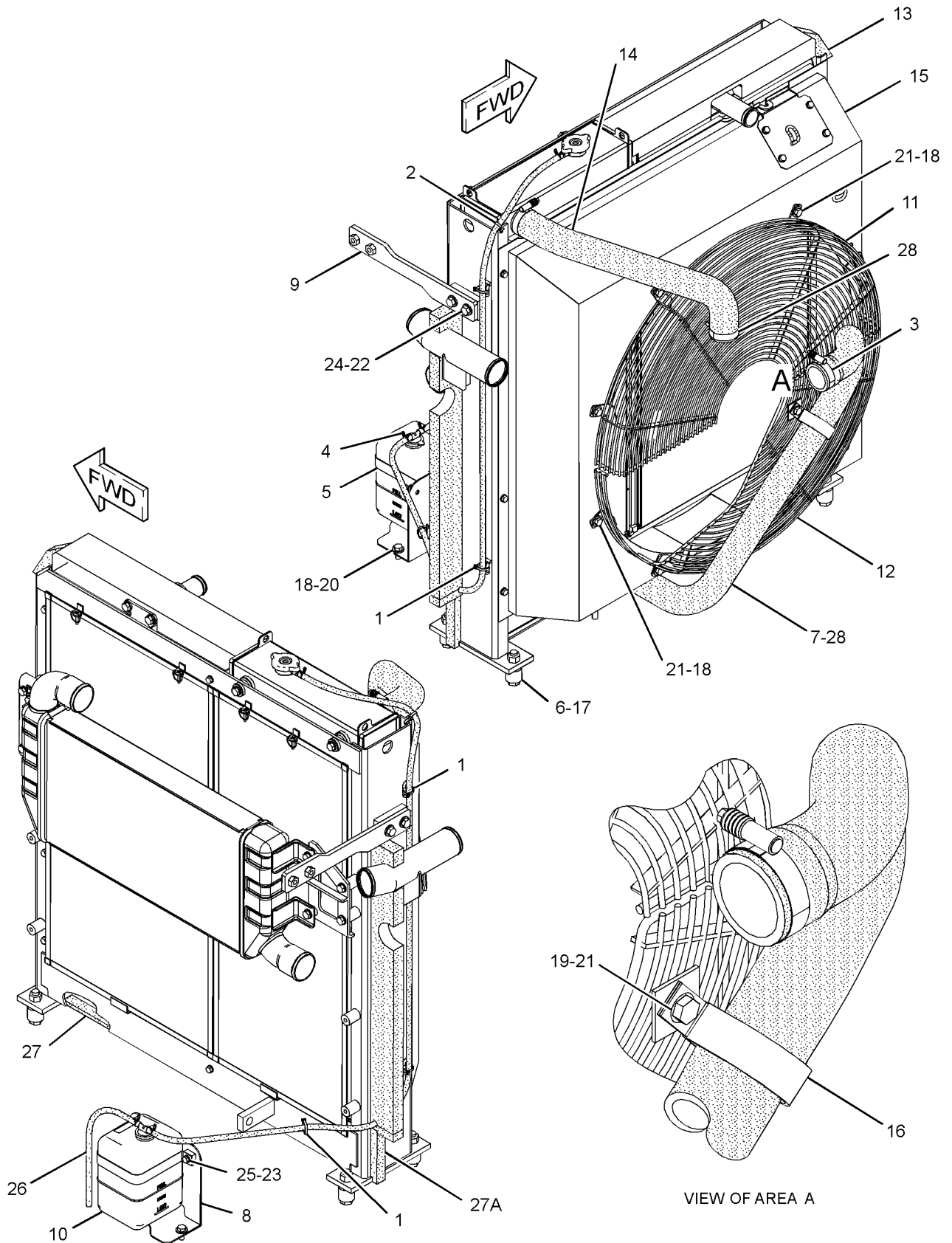
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3S-2093	3	STRAP-CABLE	
	2	1	7I-2673	1	STRAP-CABLE	
	3	1	8T-4984	1	CLAMP-HOSE	
	4	1	096-4035	1	CLIP	
	5	1	171-9077	1	BAND	
	6	1	178-6450	4	SPACER (17X35X30-MM THK)	
	7	1	245-9178	1	HOSE-LOWER RADIATOR	
	8	1	245-9185	1	BRACKET AS	
	9	1	245-9191	1	PLATE AS	
	10	1	245-9205	1	TANK AS-COOLANT (RECOVERY)	
		1	171-3369	1	CAP AS (COOLANT RECOVERY)	
	11	1	245-9348	1	GUARD AS (UPPER)	
	12	1	245-9349	1	GUARD AS (LOWER)	
	13	1	245-9352	1	SEAL	
	14	1	265-3602	1	HOSE-UPPER RADIATOR	
Y	15	1	281-3601	1	RADIATOR & HYD OIL COOLER GP	62
	16	1	3P-9847	1	CLIP	
M	17	1	7X-2554	4	BOLT (M16X2X70-MM)	
	18	1	7X-7729	11	WASHER (11X25X3-MM THK)	
	19	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)	
M	20	1	8T-4136	2	BOLT (M10X1.5X25-MM)	
M	21	1	8T-4137	10	BOLT (M10X1.5X20-MM)	
M	22	1	8T-4139	2	BOLT (M12X1.75X30-MM)	
M	23	1	8T-4200	2	BOLT (M8X1.25X16-MM)	
	24	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)	
	25	1	8T-4224	2	WASHER-HARD (8.8X16X2-MM THK)	
E	26	1	7Y-1976		HOSE-WATER (40-CM)	
D	27	1	5P-9909		SEAL (.87-M)	
D	27A	1	5P-9909		SEAL (.15-M)	
	28	1	8T-6703	3	CLAMP-HOSE	

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

COOLING SYSTEM

265-3616 RADIATOR & HYD OIL COOLER GP (contd.)

i02778285



GRAPHIC #1

<END>

g01380068

COOLING SYSTEM

281-3601 RADIATOR & HYD OIL COOLER GP

S/N: A6F1-UP; A8F1-UP

PART OF 265-3616 RADIATOR & HYD OIL COOLER GP

SMCS-1353, 1374

i02778292

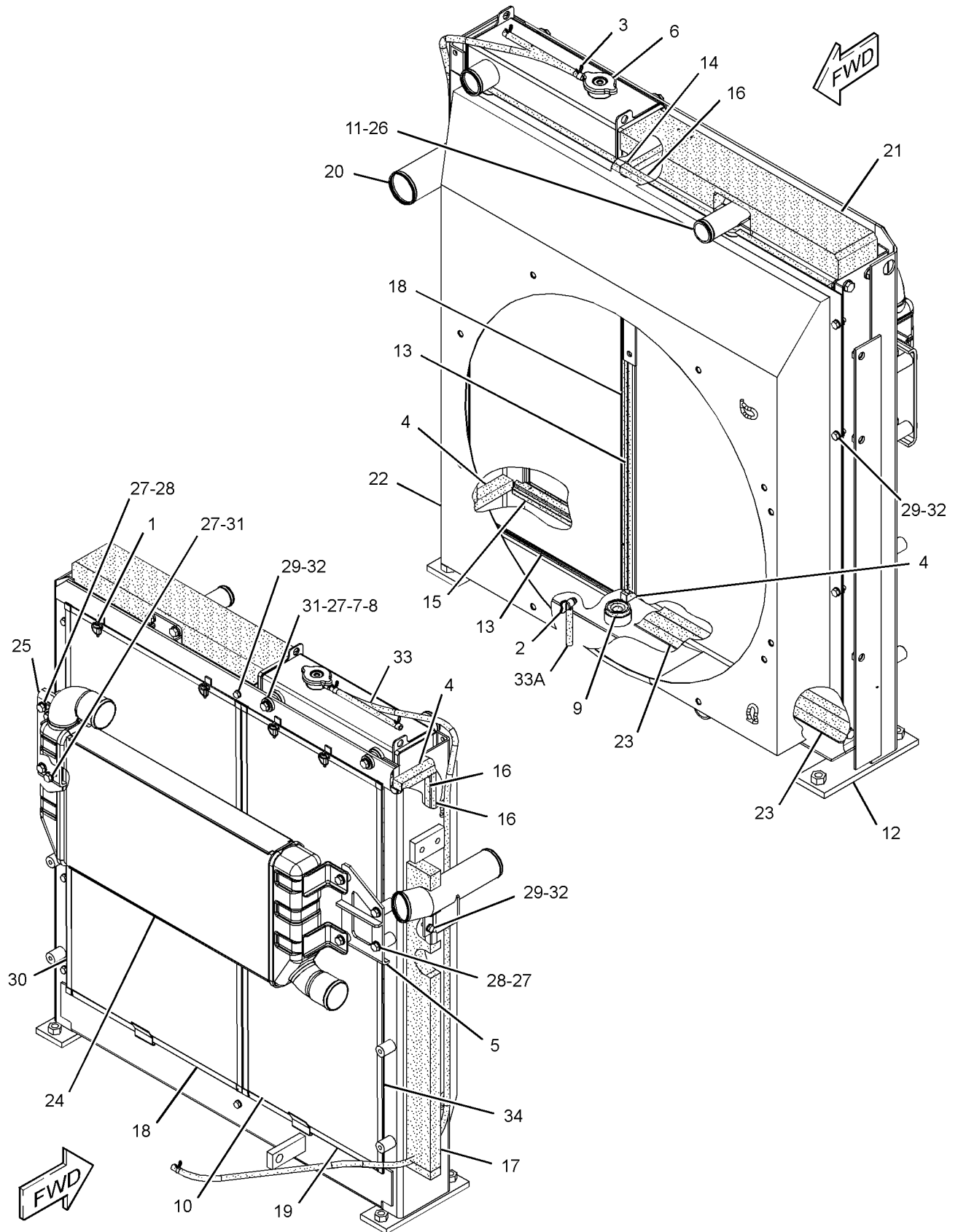
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5D-8159	4	PIN AS						
M	2	1	093-5432	1	VALVE AS-DRAIN (COOLANT)						
	3	1	096-4035	2	CLIP						
	4	1	210-8117	2	SEAL						
	5	1	210-8128	1	PLATE AS						
	6	1	245-9212	1	CAP AS-RADIATOR						
	7	1	245-9216	2	BOSS						
	8	1	245-9217	2	CUSHION-RUBBER						
	9	1	245-9218	2	CUSHION-RUBBER						
	10	1	265-3624	1	CORE AS-RADIATOR						
	11	1	265-3625	1	CORE AS-OIL COOLER (HYDRAULIC)						
	12	1	281-3605	1	FRAME AS						
	13	1	265-3629	3	SEAL						
	14	1	265-3630	2	SEAL						
	15	1	265-3631	2	SEAL						
	16	1	265-3632	3	SEAL						
	17	1	265-3633	1	SEAL						
	18	1	265-3634	1	SCREEN AS (FRONT)						
	19	1	265-3635	1	SCREEN AS (REAR)						
	20	1	265-3637	1	TUBE AS						
	21	1	265-3638	1	SEAL						
	22	1	265-3640	1	SHROUD AS-RADIATOR						
	23	1	281-3488	2	SHEET-RUBBER						
	24	1	281-3534	1	AFTERCOOLER AS						
	25	1	281-3535	1	PLATE AS						
	26	1	095-1543	2	SEAL-O-RING						
	27	1	8T-4121	10	WASHER-HARD (11X21X2.5-MM THK)						
M	28	1	8T-4137	6	BOLT (M10X1.5X20-MM)						
M	29	1	8T-4189	16	BOLT (M8X1.25X20-MM)						
M	30	1	8T-4195	2	BOLT (M10X1.5X30-MM)						
M	31	1	8T-4196	2	BOLT (M10X1.5X35-MM)						
	32	1	8T-4224	16	WASHER-HARD (8.8X16X2-MM THK)						
E	33	1	7Y-1976		HOSE-WATER (190-CM)						
E	33A	1	7Y-1976		HOSE-WATER (8-CM)						
	34	1	281-3568	2	SEAL						

E-ORDER BY THE CENTIMETER
M-METRIC PART

COOLING SYSTEM

281-3601 RADIATOR & HYD OIL COOLER GP (contd.)

i02778292



GRAPHIC #1

<END>

g01380073

COOLING SYSTEM

281-3602 RADIATOR & HYD OIL COOLER GP-BASIC

S/N: A6F1-UP; A8F1-UP

PART OF 265-3600 RADIATOR & HYD OIL COOLER GP
AN ATTACHMENT

SMCS-1353, 1374

i02783249

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5D-8159	4	PIN AS						
M	2	1	093-5432	1	VALVE AS-DRAIN (COOLANT)						
	3	1	095-1543	2	SEAL-O-RING						
	4	1	096-4035	2	CLIP						
	5	1	210-8117	2	SEAL						
	6	1	210-8128	1	PLATE AS						
	7	1	245-9212	1	CAP AS-RADIATOR						
	8	1	245-9216	2	BOSS						
	9	1	245-9217	2	CUSHION-RUBBER						
	10	1	245-9218	2	CUSHION-RUBBER						
	11	1	245-9276	2	SEAL						
	12	1	265-3624	1	CORE AS-RADIATOR						
	13	1	265-3625	1	CORE AS-OIL COOLER (HYDRAULIC)						
	14	1	265-3628	1	SHROUD AS-RADIATOR						
	15	1	265-3629	2	SEAL						
	16	1	265-3630	2	SEAL						
	17	1	265-3631	2	SEAL						
	18	1	265-3632	3	SEAL						
	19	1	265-3633	1	SEAL						
	20	1	265-3634	1	SCREEN AS (FRONT)						
	21	1	265-3635	1	SCREEN AS (REAR)						
	22	1	265-3637	1	TUBE AS						
	23	1	265-3638	1	SEAL						
	24	1	265-3639	1	PLATE AS						
	25	1	265-3642	1	SEAL						
	26	1	265-3643	1	SEAL						
	27	1	281-3488	2	SHEET-RUBBER						
	28	1	281-3534	1	AFTERCOOLER AS						
	29	1	281-3535	1	PLATE AS						
	30	1	281-3568	2	SEAL						
	31	1	281-3605	1	FRAME AS						
	32	1	8T-4121	10	WASHER-HARD (11X21X2.5-MM THK)						
M	33	1	8T-4137	6	BOLT (M10X1.5X20-MM)						
M	34	1	8T-4189	20	BOLT (M8X1.25X20-MM)						
M	35	1	8T-4195	2	BOLT (M10X1.5X30-MM)						
M	36	1	8T-4196	2	BOLT (M10X1.5X35-MM)						
	37	1	8T-4224	20	WASHER-HARD (8.8X16X2-MM THK)						
E	38	1	7Y-1976		HOSE-WATER (190-CM)						
E	38A	1	7Y-1976		HOSE-WATER (8-CM)						

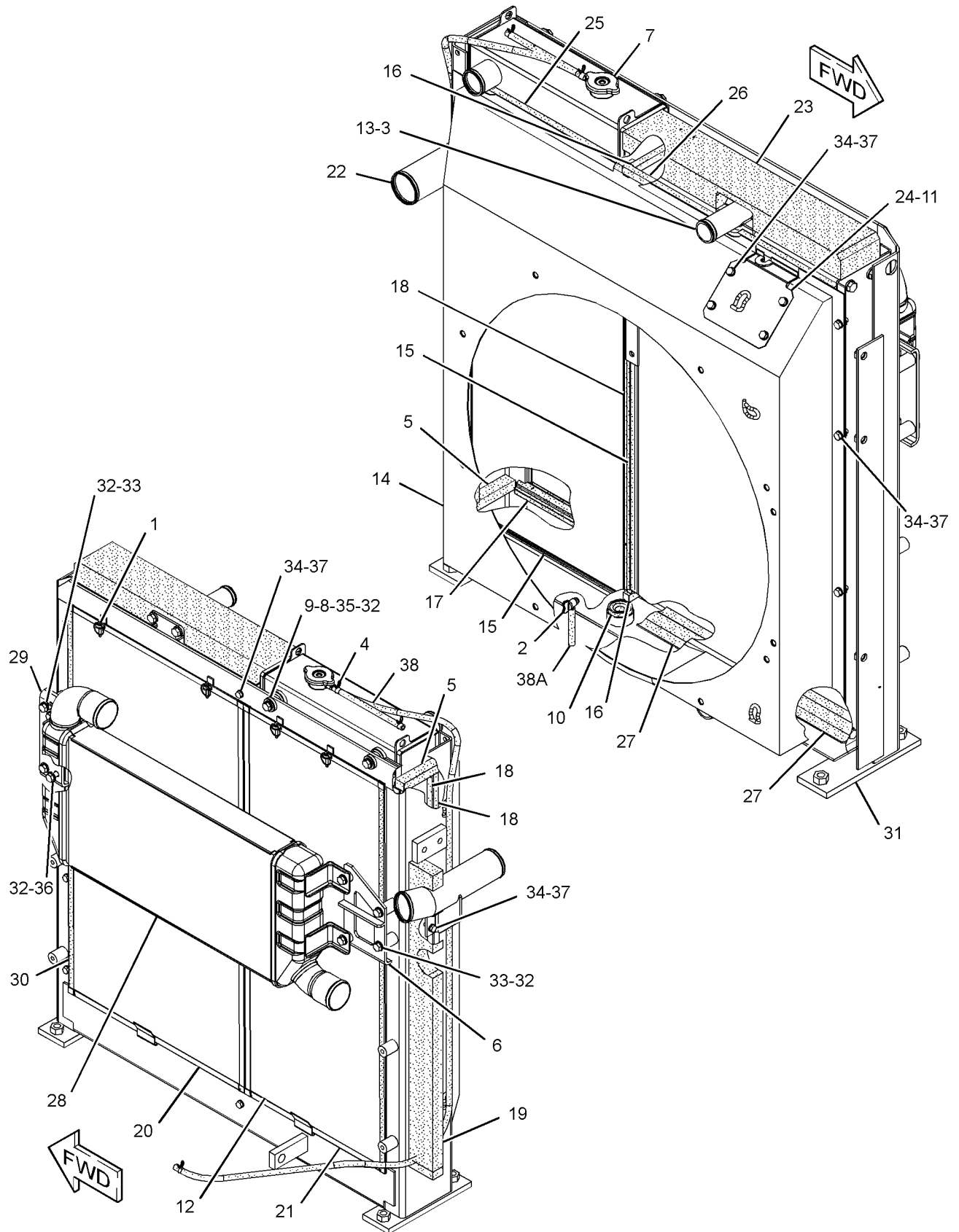
E-ORDER BY THE CENTIMETER

M-METRIC PART

COOLING SYSTEM

281-3602 RADIATOR & HYD OIL COOLER GP (contd.)

i02783249



GRAPHIC #1

<END>

g01383218

AIR INLET AND EXHAUST SYSTEM

109-9313 AIR CLEANER GP

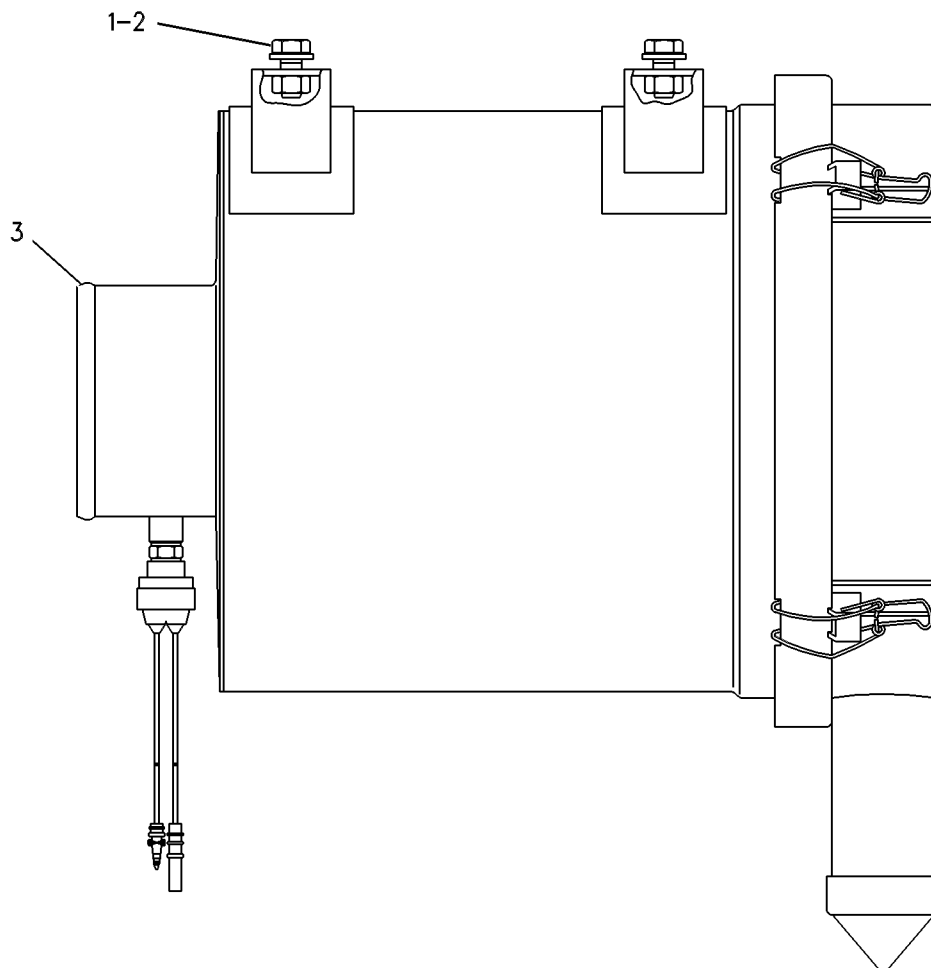
S/N: A6F1-UP; A8F1-UP

PART OF 272-4742 INSTALLATION AR-ENGINE

SMCS-1051, 1054

i00749466

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	2	1	8T-4137	4	BOLT (M10X1.5X20-MM)						
Y	3	1	124-1711	1	AIR CLEANER GP						67
M-METRIC PART											
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g00308333

AIR INLET AND EXHAUST SYSTEM

124-1711 AIR CLEANER GP

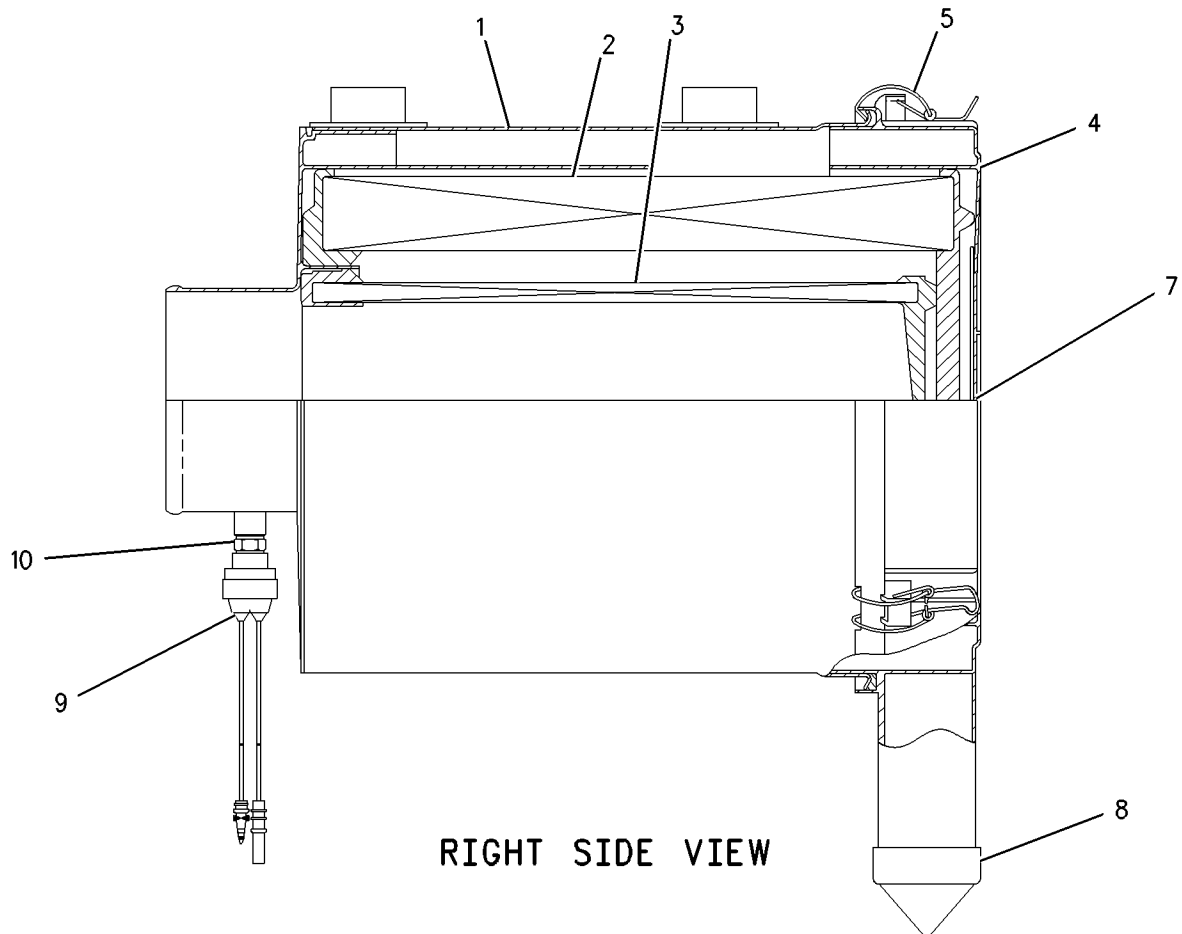
S/N: A6F1-UP; A8F1-UP

PART OF 109-9313 AIR CLEANER GP

SMCS-1051, 1054

i01663386

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	131-8820	1	BODY AS						
	2	1	131-8822	1	FILTER ELEMENT AS-AIR (PRIMARY)						
	3	1	131-8821	1	FILTER ELEMENT AS-AIR (SECONDARY)						
	4	1	184-3983	1	COVER AS						
	5	1	131-8932	4	LATCH						
	7	1	131-8826	1	FILM-INSTRUCTION (TOP, AIR CLEANER COVER)						
	8	1	112-9717	1	VALVE-VACUATOR						
	9	1	154-0498	1	INDICATOR AS-AIR FILTER CHANGE						
	10	1	5L-3233	1	FITTING						



GRAPHIC #1

<END>

g00862648

AIR INLET AND EXHAUST SYSTEM

5I-7589 CARTRIDGE AS-TURBOCHARGER

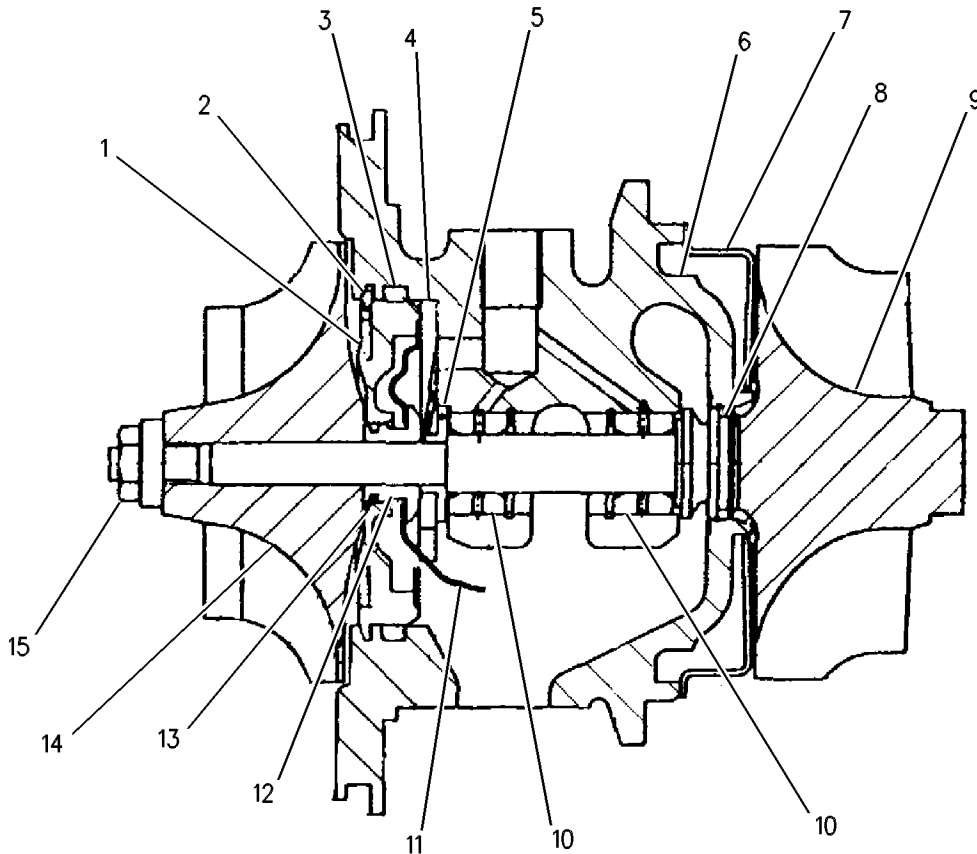
S/N: GDC1-UP

PART OF 287-0049 TURBOCHARGER GP
ALSO AN ATTACHMENT

SMCS-1053

i00755836

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	135-2351	1	INSERT						
	2	1	135-2352	1	RING-RETAINING						
	3	1	135-2355	1	SEAL-O-RING						
	4	1	135-2347	1	BEARING-THRUST						
	5	1	135-2356	1	RING-THRUST						
	6	1	135-2359	1	HOUSING						
	7	1	135-2346	1	PLATE						
	8	1	135-2354	1	RING-PISTON						
	9	1	135-2357	1	WHEEL AS						
	10	1	135-2358	2	BEARING						
	11	1	135-2348	1	DEFLECTOR-OIL						
	12	1	135-2349	1	SLEEVE						
	13	1	135-2350	1	RING-PISTON						
	14	1	135-2360	1	WHEEL-COMPRESSOR						
	15	1	135-2353	1	NUT						



GRAPHIC #1

<END>

g00315677

AIR INLET AND EXHAUST SYSTEM

255-3044 EXTENSION GP-EXHAUST

S/N: A6F1-UP; A8F1-UP

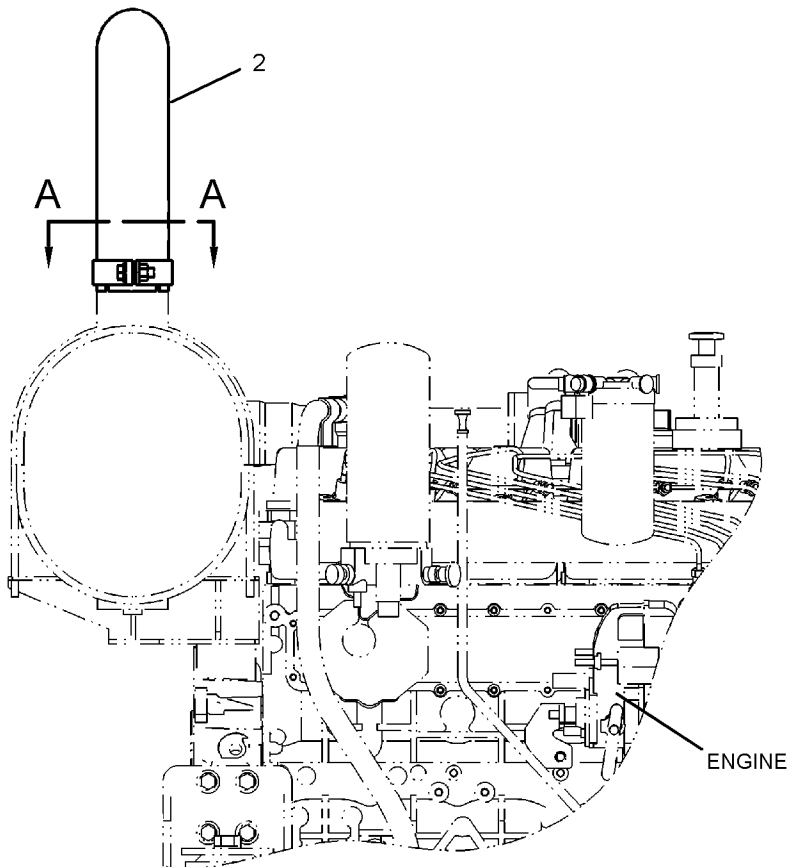
PART OF 272-4742 INSTALLATION AR-ENGINE

SMCS-1061

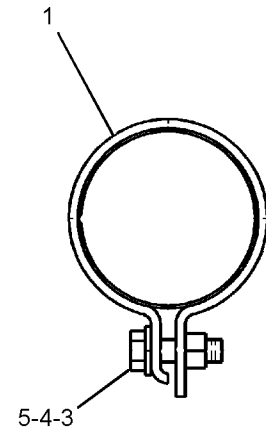
i02776791

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4I-7554	1	CLAMP						
	2	1	266-6346	1	PIPE						
M	3	1	8T-4183	1	BOLT (M12X1.75X40-MM)						
	4	1	8T-4223	1	WASHER-HARD (13.5X25.5X3-MM THK)						
M	5	1	8T-4244	1	NUT (M12X1.75-THD)						

M-METRIC PART



RIGHT SIDE VIEW
(ENGINE)



SECTION A-A

GRAPHIC #1

<END>

g01214871

AIR INLET AND EXHAUST SYSTEM

272-4744 LINES GP-AIR

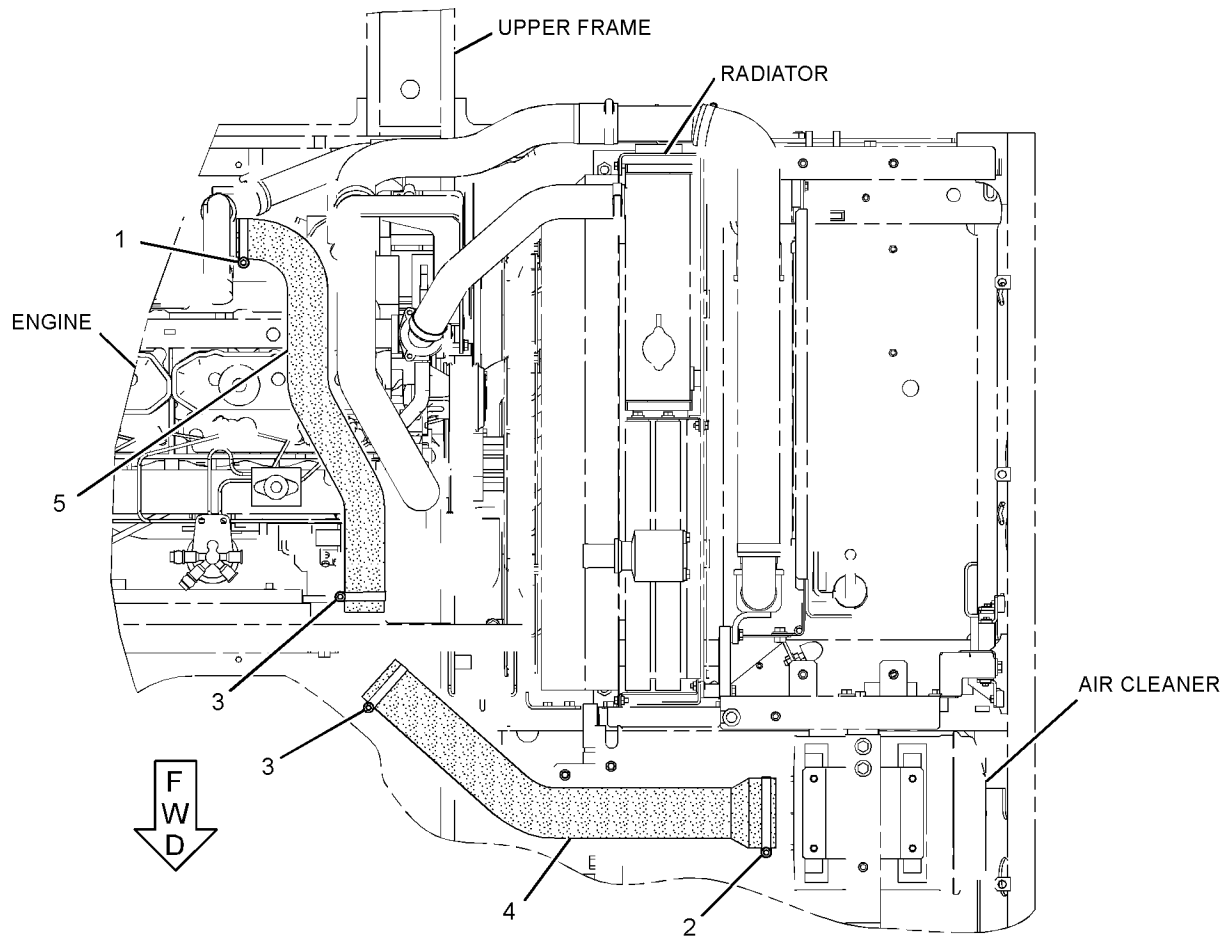
S/N: A6F1-UP; A8F1-UP

PART OF 272-4742 INSTALLATION AR-ENGINE

SMCS-1071

i02777526

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	144-0367	1	CLAMP-HOSE						
	2	1	8T-4986	1	CLAMP-HOSE						
	3	1	9X-2201	2	CLAMP-HOSE						
	4	1	279-7907	1	HOSE-AIR						
	5	1	287-0211	1	HOSE-AIR						



TOP VIEW

<END>

GRAPHIC #1

g01284530

AIR INLET AND EXHAUST SYSTEM

265-3504 LINES GP-COOLING AIR

S/N: A6F1-UP; A8F1-UP

PART OF 272-4742 INSTALLATION AR-ENGINE

SMCS-1087

i02777564

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1, 2	8T-4984	9	CLAMP-HOSE	
	2	1	8T-6703	1	CLAMP-HOSE	
	3	2	210-8012	1	SUPPORT	
	4	2	265-3581	1	TUBE AS	
	5	2	265-3585	1	HOSE	
	6	1	265-3586	1	HOSE	
	7	1	265-3587	1	TUBE AS	
	8	1	265-3590	1	HOSE	
	9	1	265-3591	1	HOSE	
	10	2	265-3599	1	HOSE	
	11	1, 2	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)	
M	12	1, 2	8T-4136	4	BOLT (M10X1.5X25-MM)	
M	13	2	8T-4137	2	BOLT (M10X1.5X20-MM)	

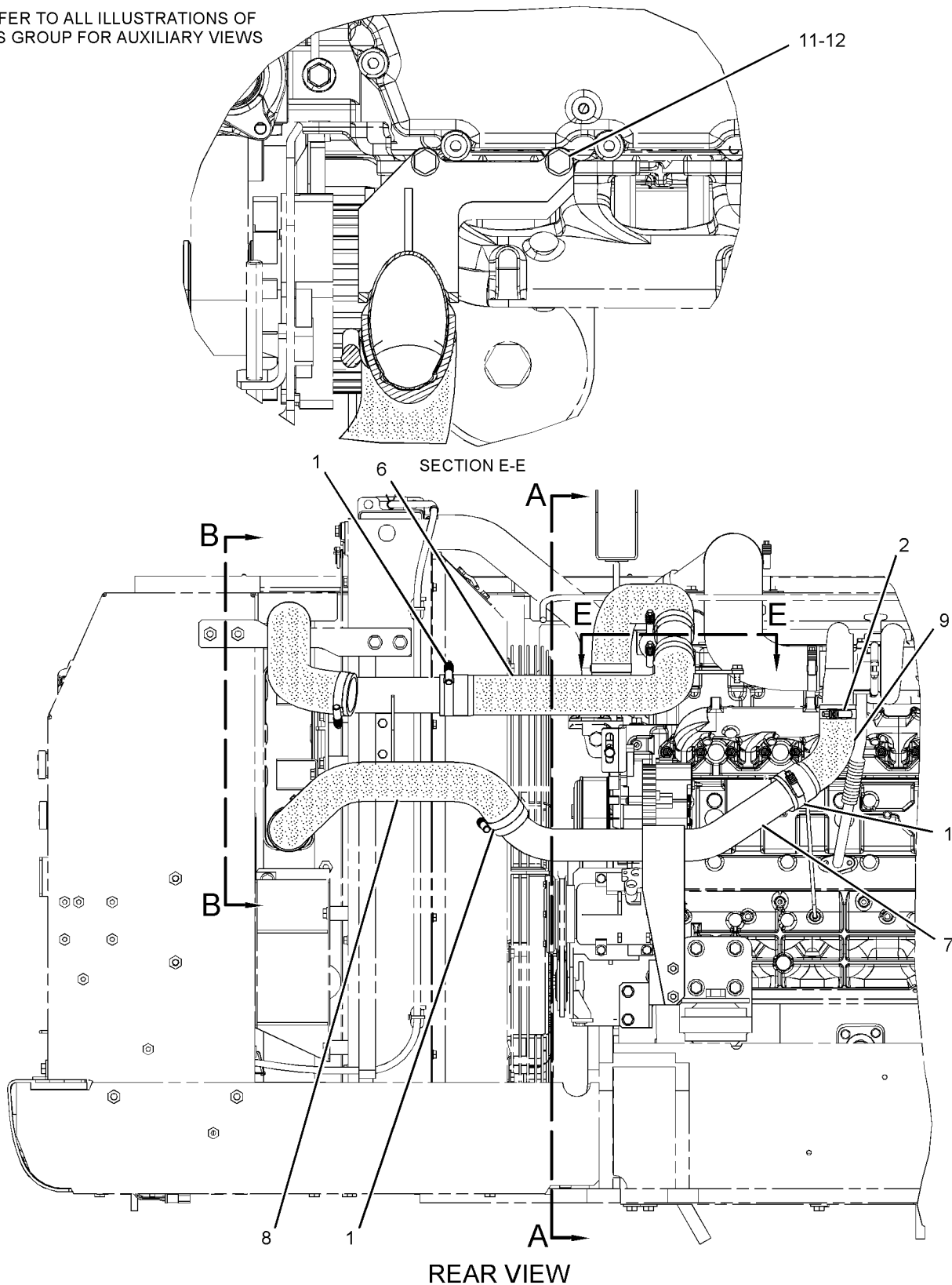
M-METRIC PART

AIR INLET AND EXHAUST SYSTEM

265 - 3504 LINES GP-COOLING AIR (contd.)

i02777564

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



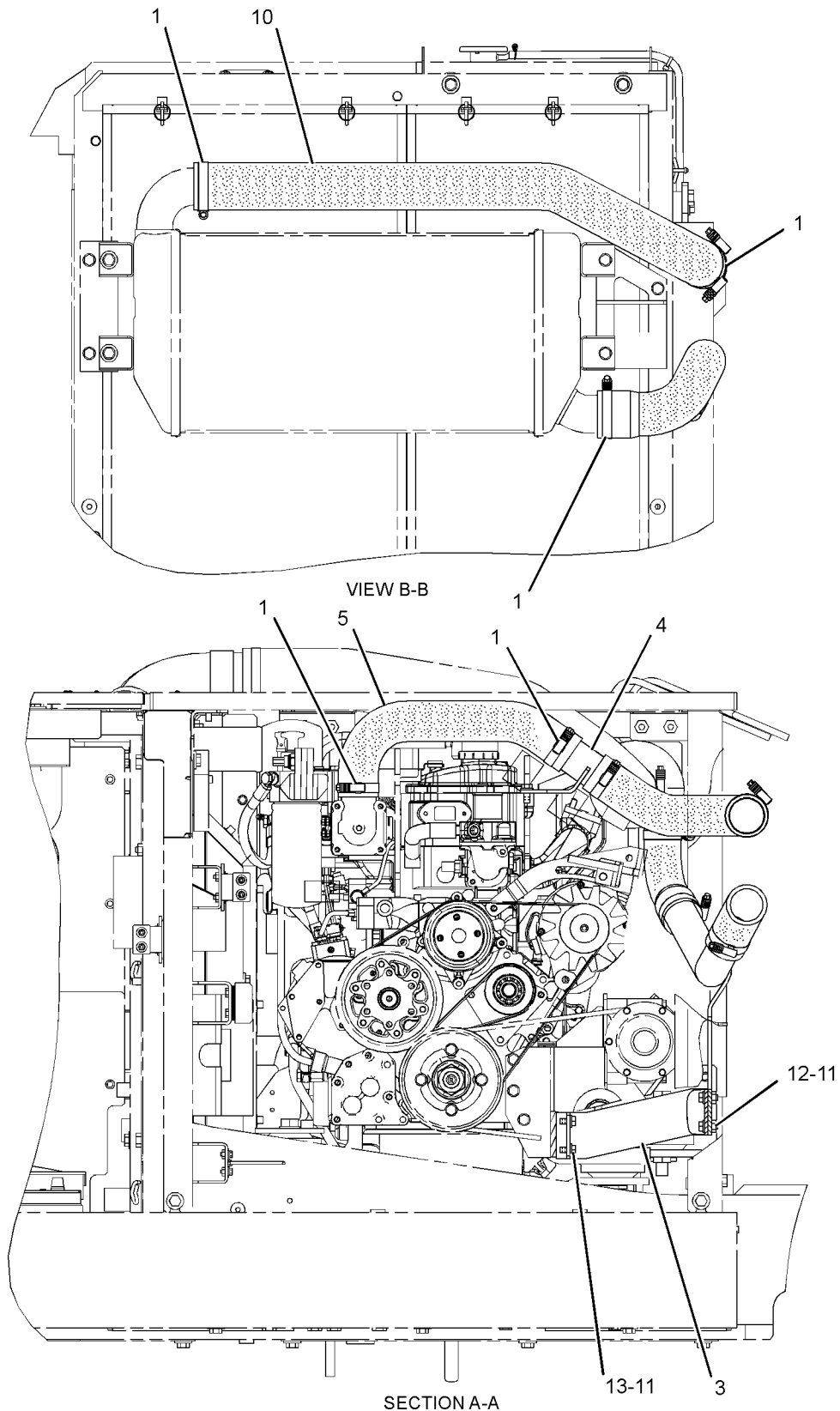
GRAPHIC #1

g01288146

AIR INLET AND EXHAUST SYSTEM

265 - 3504 LINES GP - COOLING AIR (contd.)

i02777564



GRAPHIC #2

<END>

g01367153

AIR INLET AND EXHAUST SYSTEM

287-0183 LINES GP-MUFFLER DRAIN

S/N: A6F1-UP; A8F1-UP

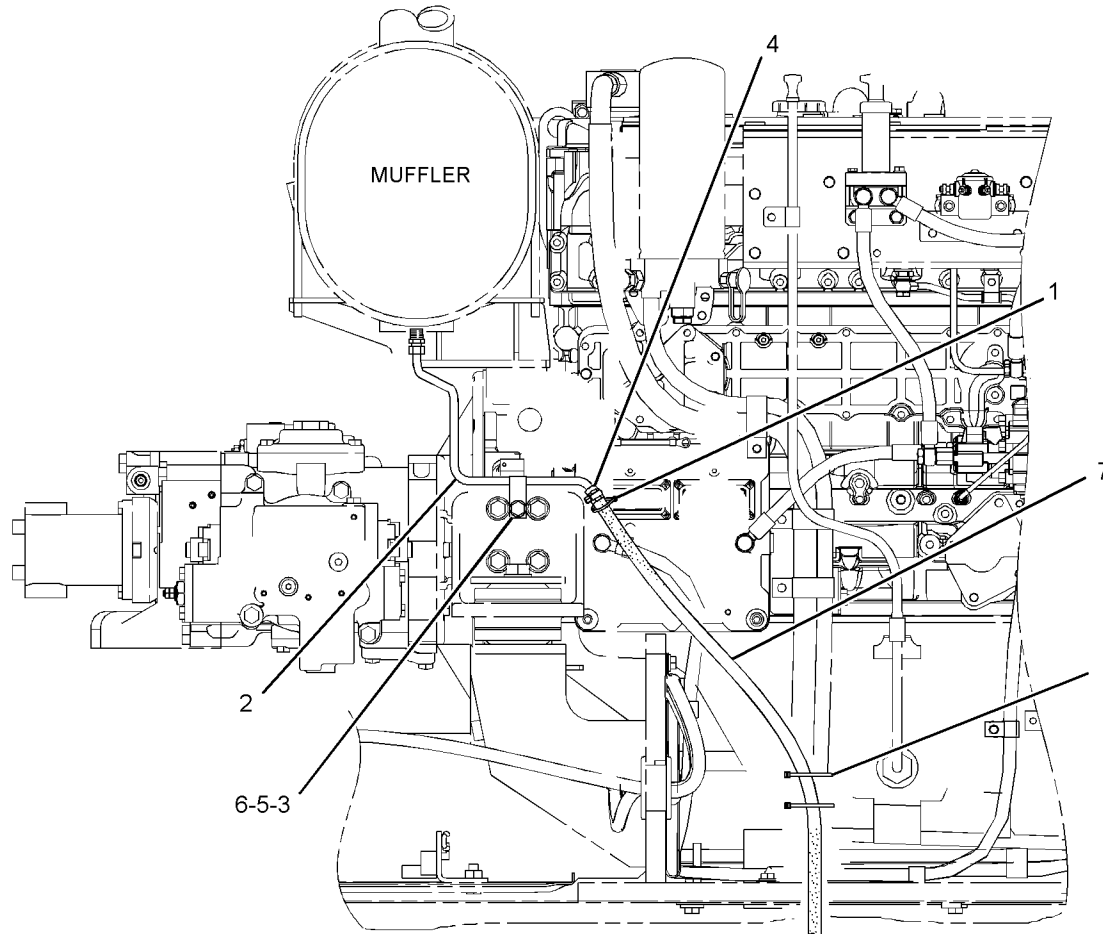
PART OF 272-4742 INSTALLATION AR-ENGINE

SMCS-1062

i02777613

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	3	STRAP-CABLE						
	2	1	287-0171	1	TUBE AS						
		1	287-0118	1	ADAPTER AS						
	3	1	171-9073	1	CLIP						
	4	1	5P-4961	1	CLAMP-HOSE						
	5	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						
M	6	1	8T-4191	1	BOLT (M10X1.5X16-MM)						
E	7	1	5P-1442		HOSE (72-CM)						

E-ORDER BY THE CENTIMETER
M-METRIC PART



RIGHT SIDE VIEW OF ENGINE

GRAPHIC #1

<END>

g01354840

AIR INLET AND EXHAUST SYSTEM

296-4653 MANIFOLD GP - EXHAUST

S/N: GDC1-UP

PART OF 272-4683 ENGINE AR

ALSO AN ATTACHMENT

SMCS-1059

i02781962

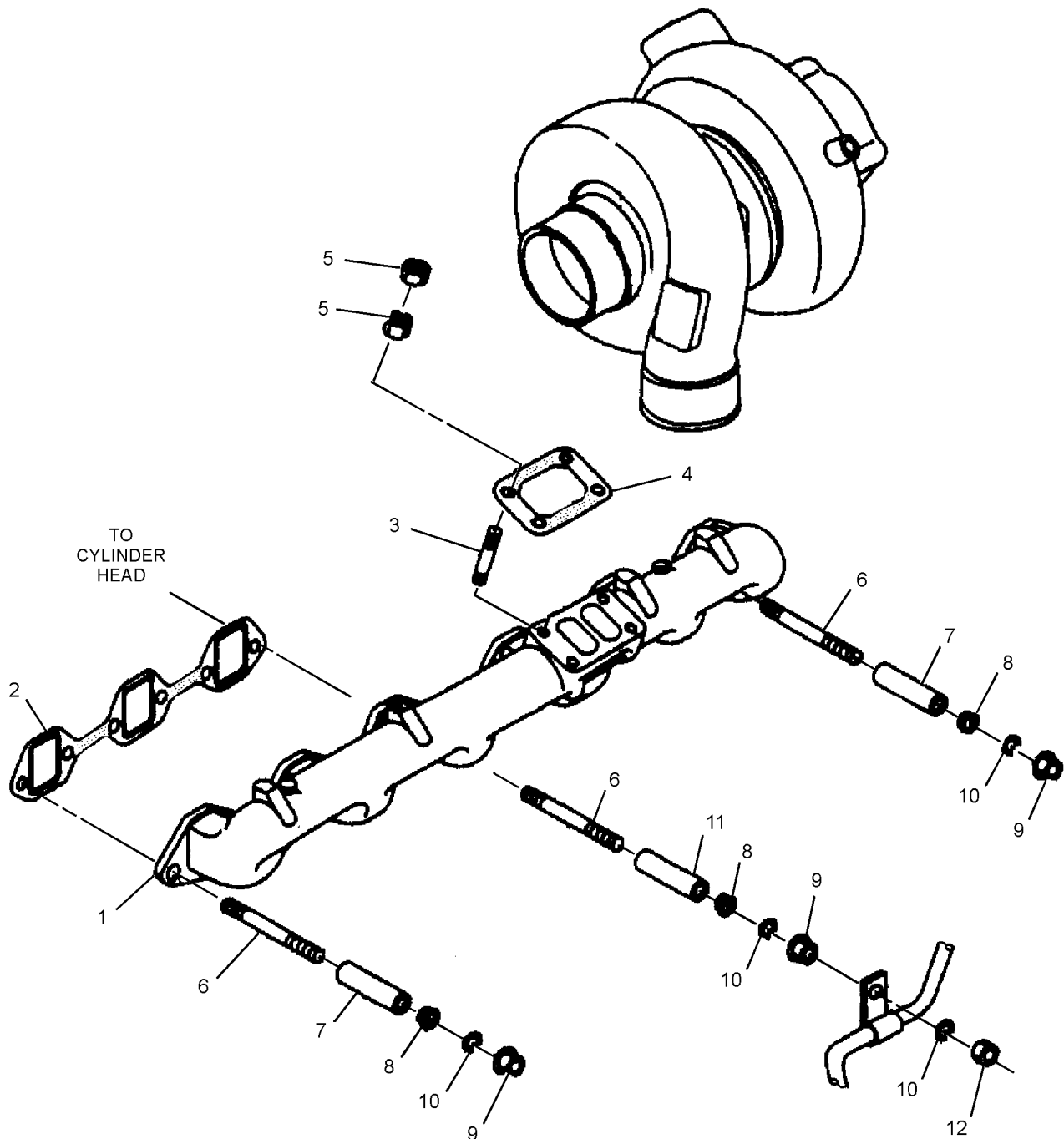
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	178-6552	1	MANIFOLD						
	2	1	294-1761	2	GASKET						
M	3	1	178-6554	4	STUD (M10X1.5X15-MM, M10X1.25X20-MM)						
	4	1	5I-7742	1	GASKET						
	5	1	5I-7633	8	NUT (M10X1.25-THD)						
	6	1	5I-7549	12	STUD (M8X1.25X86-MM)						
	7	1	5I-7550	11	SPACER						
	8	1	239-6604	12	WASHER						
	9	1	212-8489	12	NUT						
	10	1	3B-4505	13	LOCKWASHER						
	11	1	5I-7601	1	SPACER						
M	12	1	091-3474	1	NUT (M8X1.25-THD)						

M-METRIC PART

AIR INLET AND EXHAUST SYSTEM

296 - 4653 MANIFOLD GP - EXHAUST (contd.)

i02781962



GRAPHIC #1

<END>

g01316687

AIR INLET AND EXHAUST SYSTEM

296-4652 MANIFOLD GP- INLET

S/N: GDC1-UP

PART OF 272-4683 ENGINE AR
ALSO AN ATTACHMENT

SMCS-1058

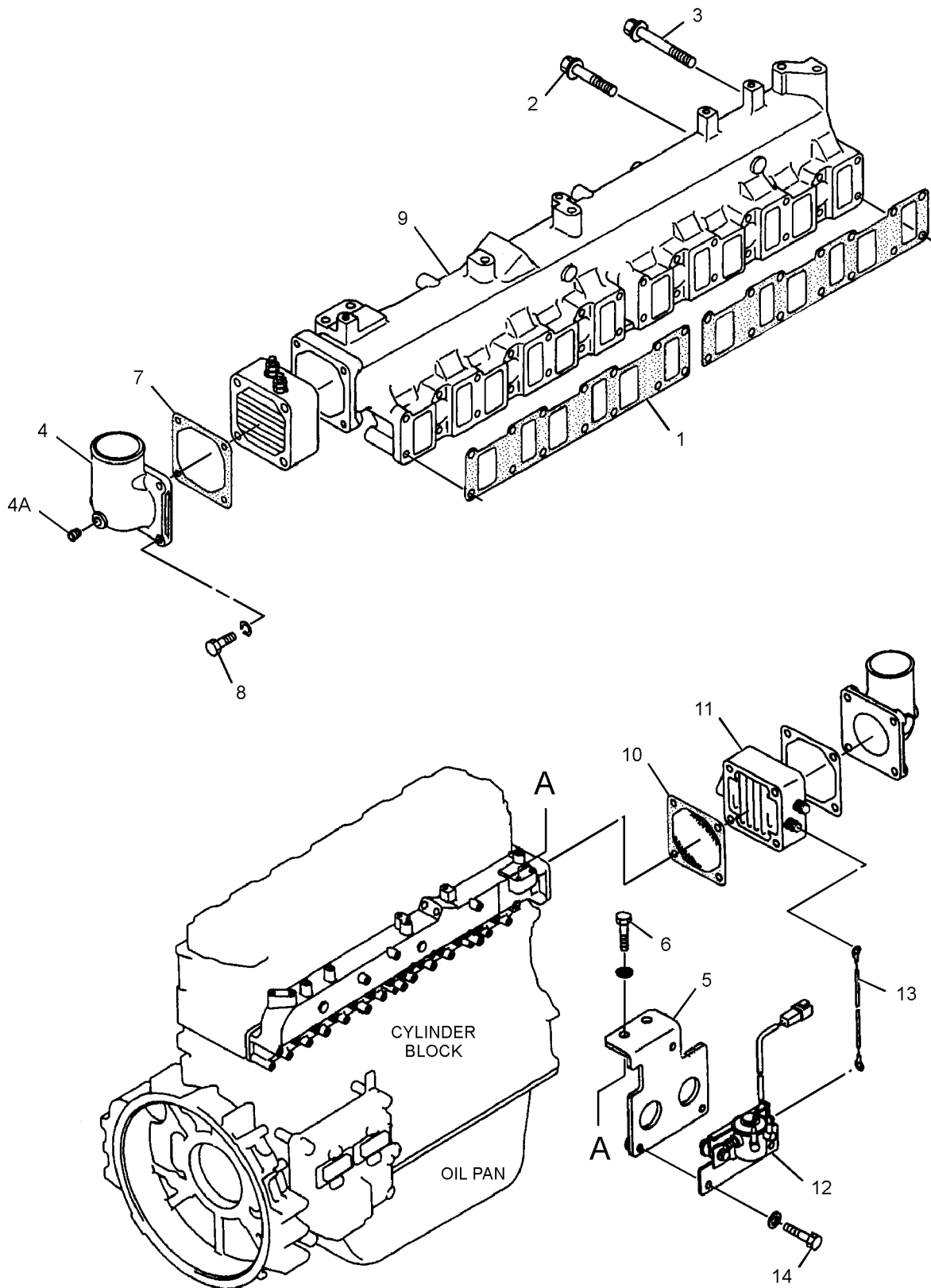
i02781961

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	294-1758	2	GASKET						
	2	1	096-8490	12	BOLT						
	3	1	294-1700	16	BOLT (M8X1.25X108.3-MM)						
	4	1	5I-8021	1	ELBOW AS						
	4A	1	5I-8023	1	PLUG						
	5	1	294-1854	1	BRACKET						
	6	1	294-1738	2	BOLT (M10X1.5X32-MM)						
	7	1	5I-7678	1	GASKET (INLET MANIFOLD)						
	8	1	303-6261	4	BOLT						
	9	1	294-1760	1	MANIFOLD						
	10	1	5I-7677	1	GASKET						
	11	1	168-5057	1	HEATER AS (AIR INLET MANIFOLD)						
Y	12	1	223-4453	1	SWITCH GP-MAGNETIC (24-VOLT)						160
	13	1	294-1853	1	CABLE						
	14	1	5I-5597	2	BOLT (M14X1.5X10-MM)						
Y- SEPARATE ILLUSTRATION											

AIR INLET AND EXHAUST SYSTEM

296-4652 MANIFOLD GP-INLET (contd.)

i02781961



GRAPHIC #1

<END>

g01317367

AIR INLET AND EXHAUST SYSTEM

296-4662 MUFFLER GP

S/N: GDC1-UP

PART OF 272-4683 ENGINE AR
ALSO AN ATTACHMENT

SMCS-1062

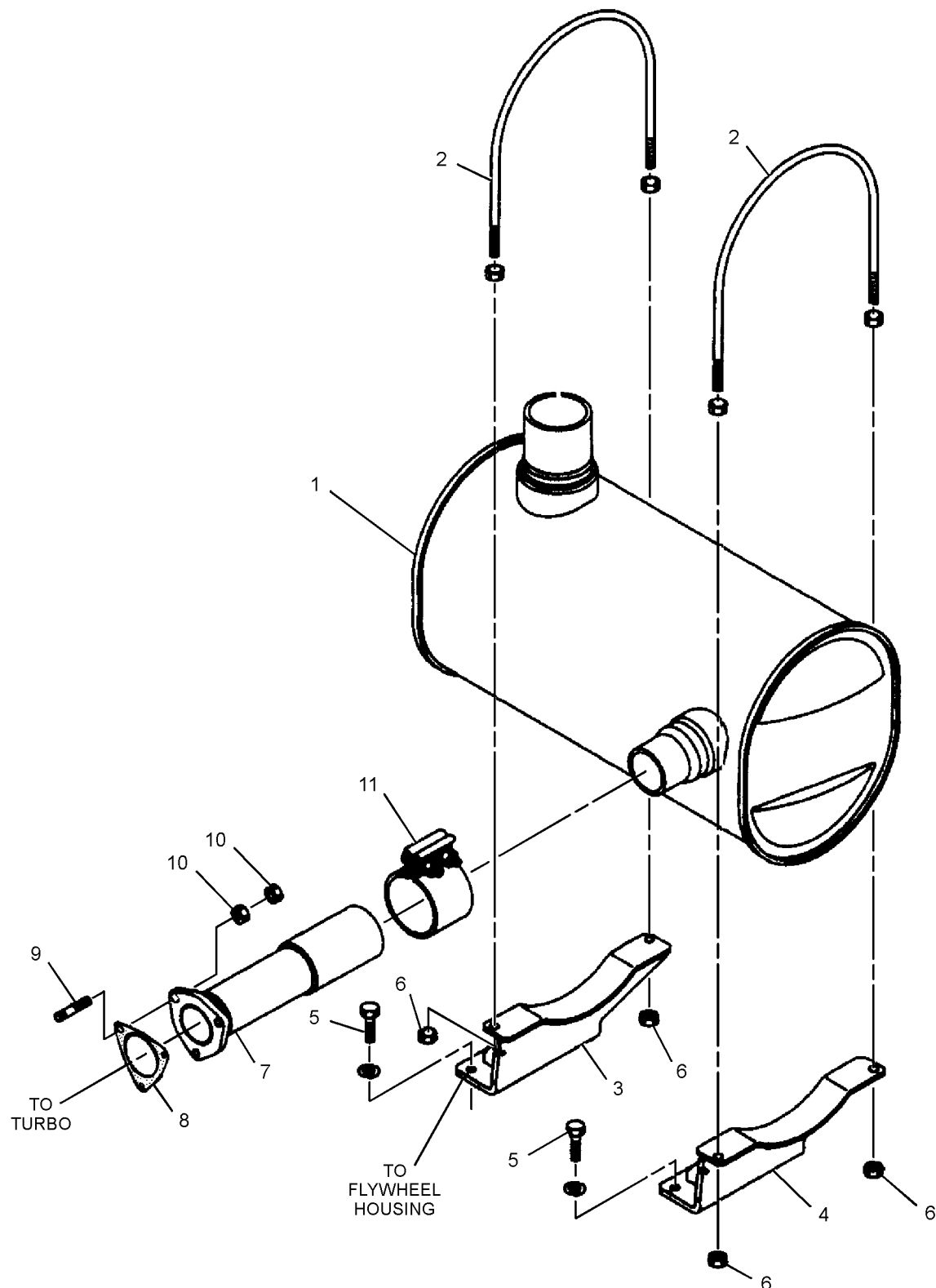
i02783213

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	294-1762	1	MUFFLER						
	2	1	266-6321	2	U-BOLT						
	3	1	266-6319	1	BRACKET						
	4	1	266-6320	1	BRACKET						
	5	1	294-1738	4	BOLT (M10X1.5X32-MM)						
M	6	1	6V-8231	8	NUT (M10X1.25-THD)						
	7	1	5I-8040	1	PIPE						
	8	1	5I-7679	1	GASKET						
M	9	1	178-6554	3	STUD (M10X1.5X15-MM, M10X1.25X20-MM)						
	10	1	5I-7633	6	NUT (M10X1.25-THD)						
	11	1	094-7583	1	CLAMP AS						
M-METRIC PART											

AIR INLET AND EXHAUST SYSTEM

296-4662 MUFFLER GP (contd.)

i02783213



GRAPHIC #1

<END>

g01317750

AIR INLET AND EXHAUST SYSTEM

287-0049 TURBOCHARGER GP

S/N: GDC1-UP

PART OF 272-4683 ENGINE AR

ALSO AN ATTACHMENT

SMCS-1052, 1053

i02781938

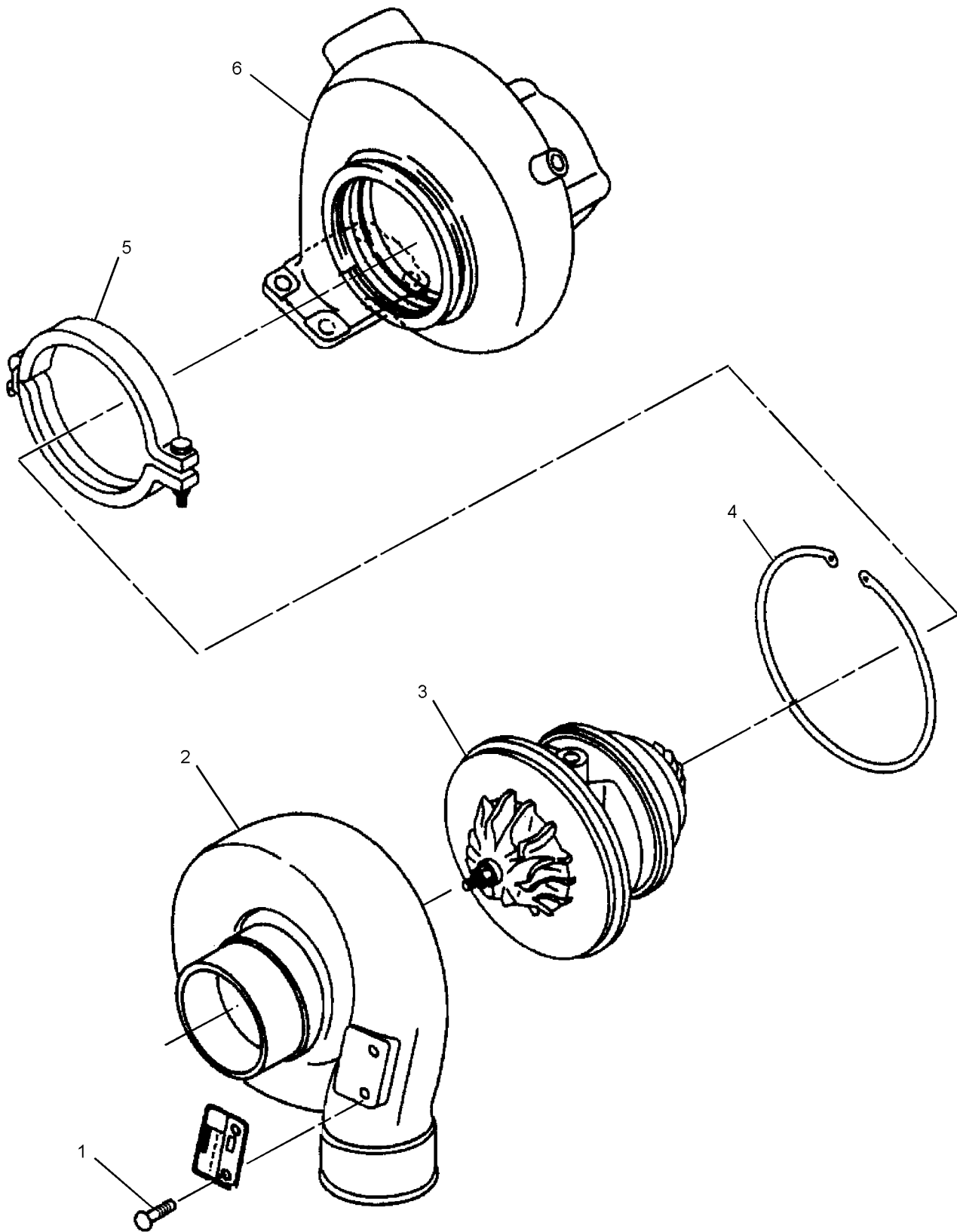
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	5B-9304	2	SCREW-DRIVE (NO 2X3/16-IN)	
	2	1	5I-7587	1	COVER	
Y	3	1	5I-7589	1	CARTRIDGE AS-TURBOCHARGER	68
	4	1	135-2352	1	RING-RETAINING	
	5	1	5I-7602	1	COUPLING AS	
	6	1	294-1763	1	HOUSING	

Y-SEPARATE ILLUSTRATION

AIR INLET AND EXHAUST SYSTEM

287-0049 TURBOCHARGER GP (contd.)

i02781938



GRAPHIC #1

<END>

g01317715

FUEL SYSTEM

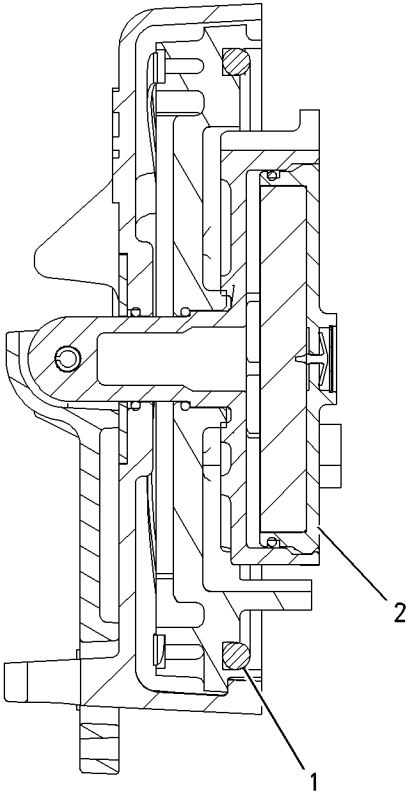
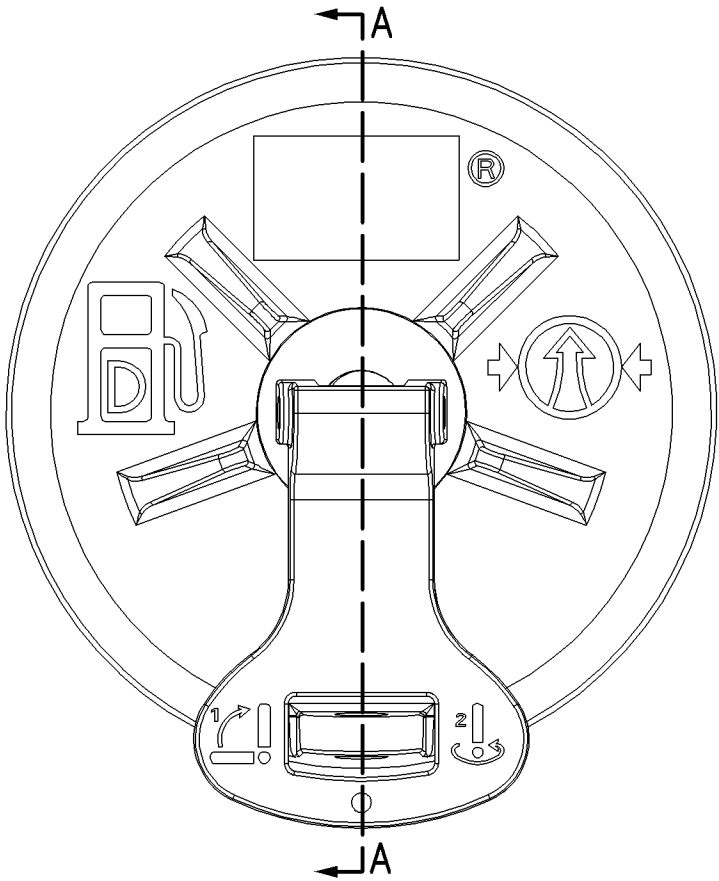
164-4858 CAP GP-FUEL FILLER

S/N: A6F1-UP; A8F1-UP
PART OF 278-3898, 278-3899, 278-3902, 278-3903 TANK GP-FUEL
ALSO AN ATTACHMENT

SMCS-1273

i02056139

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-8600	1	SEAL-O-RING						
	2	1	190-9775	1	COVER AS-FILTER						



SECTION A-A

GRAPHIC #1

<END>

g00849812

FUEL SYSTEM

305-4745 FILTER GP-FUEL

S/N: GDC1-UP
PART OF 272-4683 ENGINE AR
ALSO AN ATTACHMENT

SMCS-1261

i02781971

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	099-4437	17	GASKET	
	2	1	099-5041	7	BOLT (M14X1.5X27-MM)	
	3	1	294-1811	1	WASHER	
	4	1	294-1819	1	HOSE	
	5	1	137-5541	1	PUMP AS-FUEL PRIMING	
		1	061-7539	1	SEAL-O-RING	
		1	229-3218	2	VALVE AS	
	6	1	294-1820	1	GASKET	
	7	1	199-2241	1	BOLT	
	8	1, 2	294-1821	4	BOLT (M8X1.25X35.5-MM)	
	9	1	294-1822	1	BASE	
	10	1	288-9297	4	BOLT	
	11	1	1R-0751	2	FILTER AS-FUEL	
	12	1	294-1825	1	HOSE	
	13	1	294-1826	1	HOSE	
	14	1	294-1827	1	BRACKET	
	15	1	294-1828	2	BOLT (M10X1.5X62-MM)	
	16	1	183-8224	1	TUBE	
	17	1	196-8217	1	TUBE	
	18	1	305-4889	1	HOSE	
	19	1	190-5830	1	TUBE	
	20	1	294-1830	1	TUBE	
	21	1	094-9725	2	PLUG	
M	22	1	5C-2890	4	NUT (M6X1-THD)	
	23	1	9X-8256	4	WASHER (6.6X12X2-MM THK)	
	24	1	294-1831	4	CLAMP	
	25	1	294-1833	2	CLAMP	
	26	1	297-7822	2	BOLT	
	27	1	096-2500	4	LOCKWASHER	
	28	1	297-7706	2	BOLT	
	29	2	297-7661	1	CONNECTOR	
	30	1	305-4887	1	HOSE	
M	31	1	213-9433	2	BOLT (M10X1.5X45-MM)	
	32	1	095-2038	1	WASHER (7.8X13.5X2-MM THK)	
	33	1	196-8237	1	BRACKET	
Y	34	2	292-3750	1	PUMP & MTG GP-UNIT INJ HYD	96
	35	2	294-1834	1	NUT	
	36	2	294-1835	1	WASHER	
	37	2	294-1836	1	KEY-WOODRUFF	
	38	2	294-1837	1	BRACKET	
	39	2	294-1838	1	BRACKET	
	40	2	294-1839	1	FLANGE	
	41	2	305-4901	1	SEAL-O-RING	
	42	2	294-1804	2	SEAL-O-RING	
	43	2	294-1841	1	GASKET	
	44	2	294-1842	1	SEAL-O-RING	
	45	2	5I-7603	1	EYE	
	46	2	294-1843	1	BOLT (M10X1.5X47-MM)	
	47	2	294-1844	1	BOLT (M12X1.75X28-MM)	
	48	2	294-1845	1	BOLT (M12X1.25X38-MM)	
	49	2	305-4902	1	CONNECTOR	
	50	2	5I-8058	1	CONNECTOR	
	51	2	294-1810	1	CONNECTOR	
M	52	2	6V-5215	2	BOLT (M8X1.25X16-MM)	
	53	2	294-1846	1	SEAL-O-RING	

FUEL SYSTEM

305-4745 FILTER GP-FUEL (contd.)

i02781971

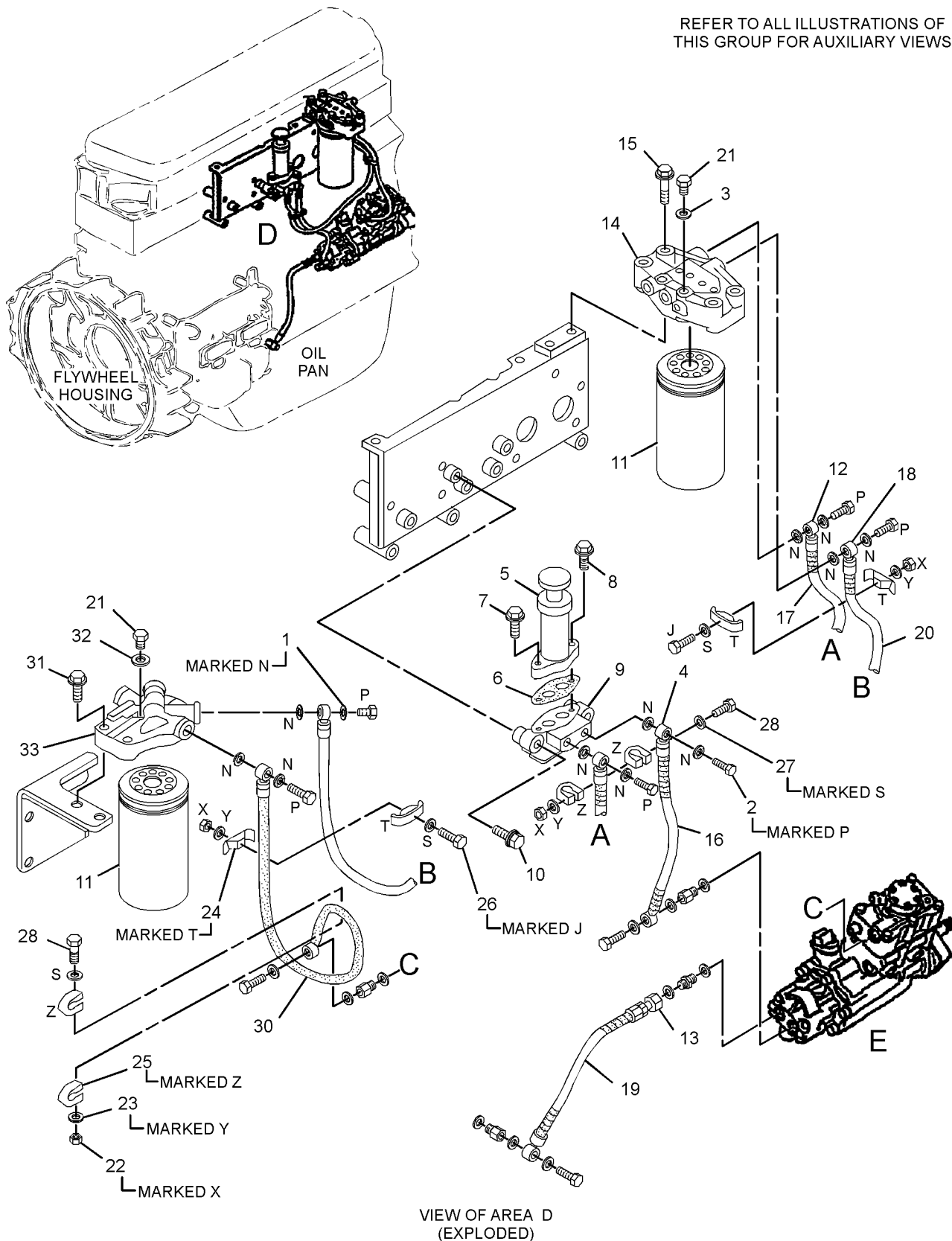
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	54	2	305-4900	1	PIPE	
	55	2	294-1848	1	CONNECTOR	
	56	2	294-1849	1	SEAL-O-RING	
	57	2	297-7660	1	NUT	
M-METRIC PART						
Y-SEPARATE ILLUSTRATION						

FUEL SYSTEM

305-4745 FILTER GP-FUEL (contd.)

i02781971

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



VIEW OF AREA D
(EXPLODED)

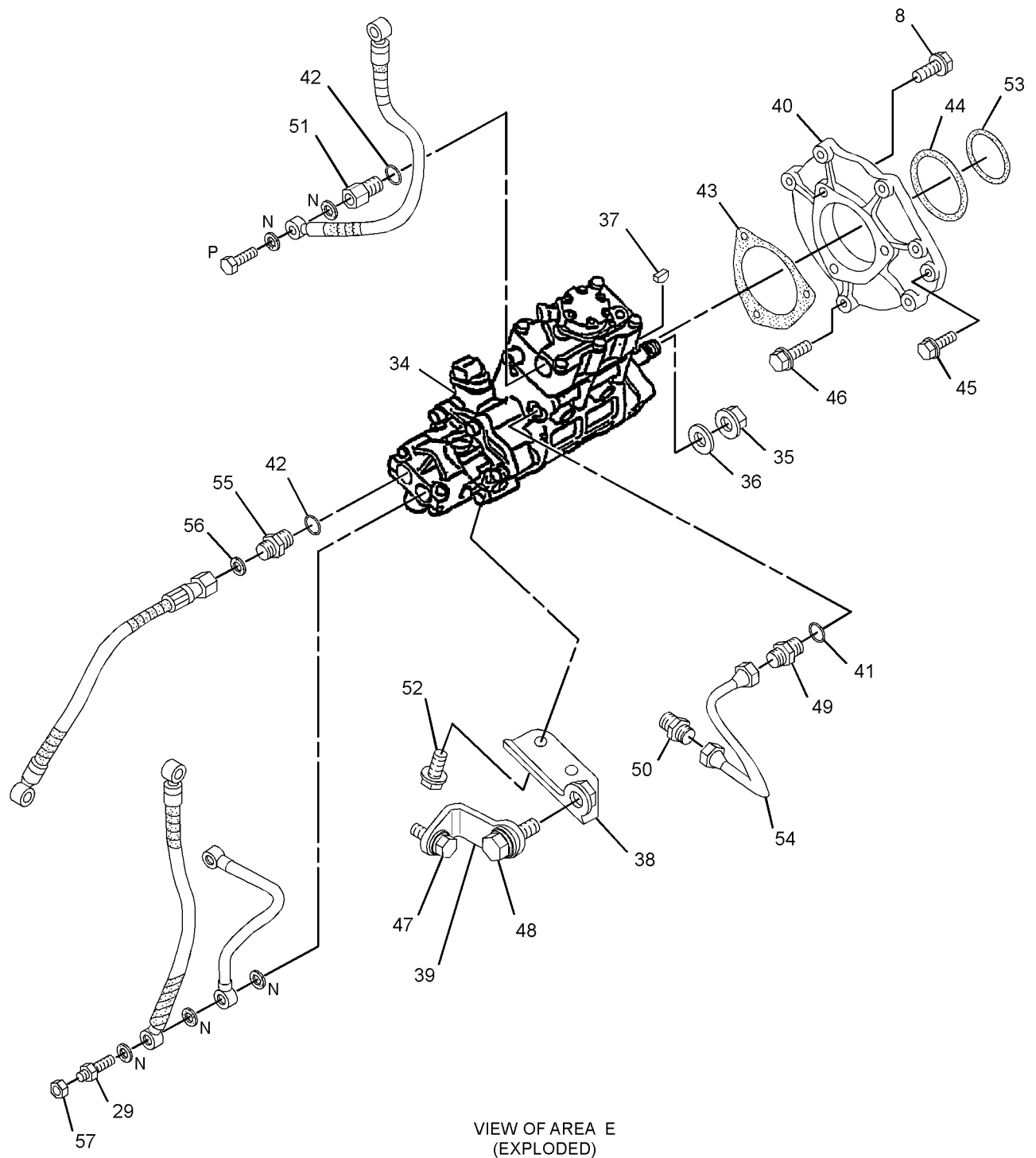
GRAPHIC #1

g01363757

FUEL SYSTEM

305-4745 FILTER GP-FUEL (contd.)

i02781971



GRAPHIC #2

<END>

g01365385

FUEL SYSTEM

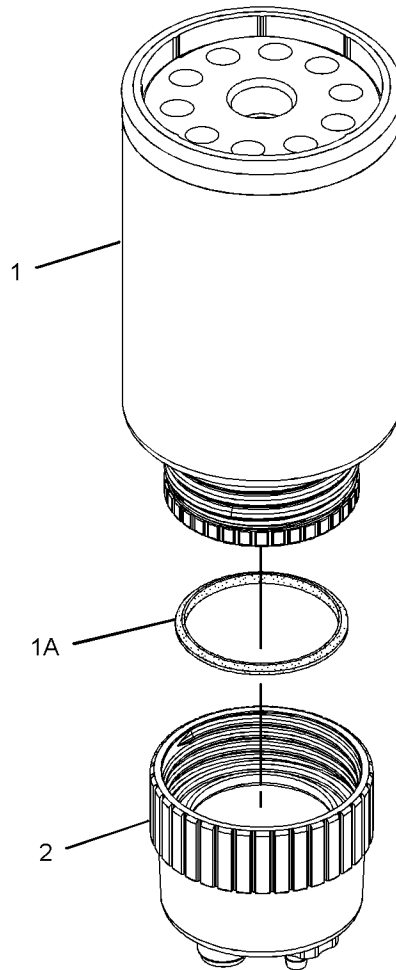
174-9570 FILTER GP-WATER SEP & FUEL

S/N: A6F1-UP; A8F1-UP
PART OF 273-7735 LINES GP-FUEL

SMCS-1261, 1263

i02390251

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1R-0770	1	FILTER AS-WATER SEP & FUEL (PRIMARY)						
	1A	1	220-8678	1	SEAL-RING						
	2	1	270-5320	1	BOWL AS (FUEL, WATER SEPARATOR)						



GRAPHIC #1

<END>

g01179858

FUEL SYSTEM

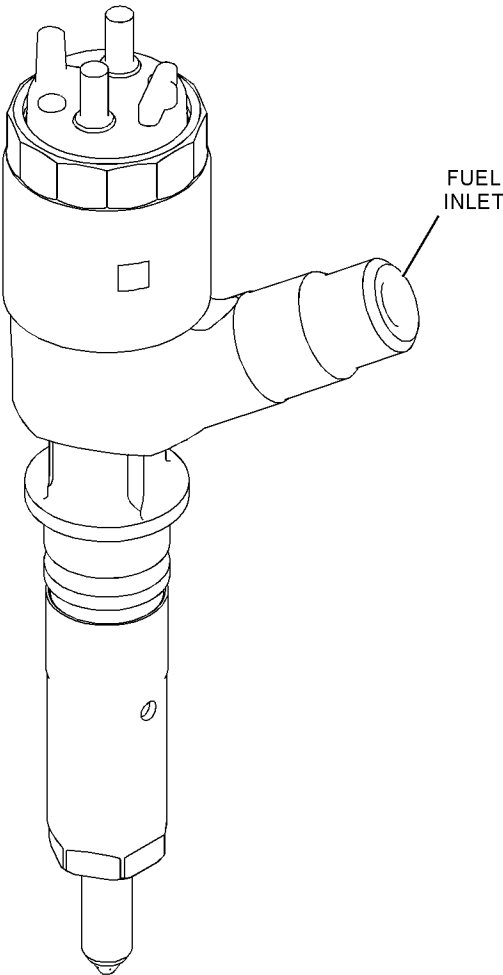
295-9130 INJECTOR GP - FUEL

S/N: GDC1-UP
PART OF 272-4683 ENGINE AR
ALSO AN ATTACHMENT

SMCS-1251, 1254, 1290, 1713

i02781940

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



GRAPHIC #1

<END>

g01367386

FUEL SYSTEM

273-7735 LINES GP-FUEL

S/N: A6F1-UP; A8F1-UP

PART OF 264-8638, 264-8639 CHASSIS AR

SMCS-1274

i02775515

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	4I-0379	1	VALVE-MANUAL (DRAIN, FUEL TANK)	
	2	1	5P-7175	1	FITTING-STRAIGHT	
	3	1	003-7764	2	END-HOSE	
	4	1	095-1386	9	CLAMP-HOSE	
	5	1	150-3024	1	ELBOW AS	
		1	3J-1907	1	SEAL-O-RING	
		1	5P-4924	1	ELBOW	
	6	1	170-2901	1	GROMMET	
Y	7	1	174-9570	1	FILTER GP-WATER SEP & FUEL (PRIMARY)	88
	8	1	177-9778	1	BASE AS	
		1	9S-4167	1	STUD-HOLLOW (1-14X1.47-IN)	
	9	1	255-3160	1	HOSE	
	10	1	286-6186	1	SHEET AS	
	11	1	293-6789	1	BRACKET AS	
Y	12	1	298-3147	1	VALVE GP-FUEL SHUTOFF (FUEL SHUTOFF)	112
	13	1	134-3299	1	GROMMET	
	14	1	2R-1498	3	GROMMET	
	15	1	3J-1907	5	SEAL-O-RING	
	16	1	5K-8451	13	CLIP	
	17	1	7Y-8167	1	GROMMET	
	18	1	8T-4121	32	WASHER-HARD (11X21X2.5-MM THK)	
M	19	1	8T-4133	1	NUT (M10X1.5-THD)	
M	20	1	8T-4136	4	BOLT (M10X1.5X25-MM)	
M	21	1	8T-4137	22	BOLT (M10X1.5X20-MM)	
M	22	1	135-8572	1	BOLT AS (M12X1.75-THD)	
M	23	1	8T-4195	5	BOLT (M10X1.5X30-MM)	
	24	1	6D-4636	3	CLIP	
	25	1	9M-8406	8	CLIP	
	26	1	9S-8004	5	PLUG-O-RING	
E	27	1	5P-1442		HOSE (30-CM)	
E	27A	1	5P-1442		HOSE (160-CM)	
E	27B	1	5P-1442		HOSE (519-CM)	
	28	1	133-5813	2	BAND-MARKER (GRAY, P)	
	29	1	307-7804	1	HOSE AS	
	30	1	307-7803	1	HOSE AS	
	31	1	4I-9521	2	MARKER (RED, L1)	

E-ORDER BY THE CENTIMETER

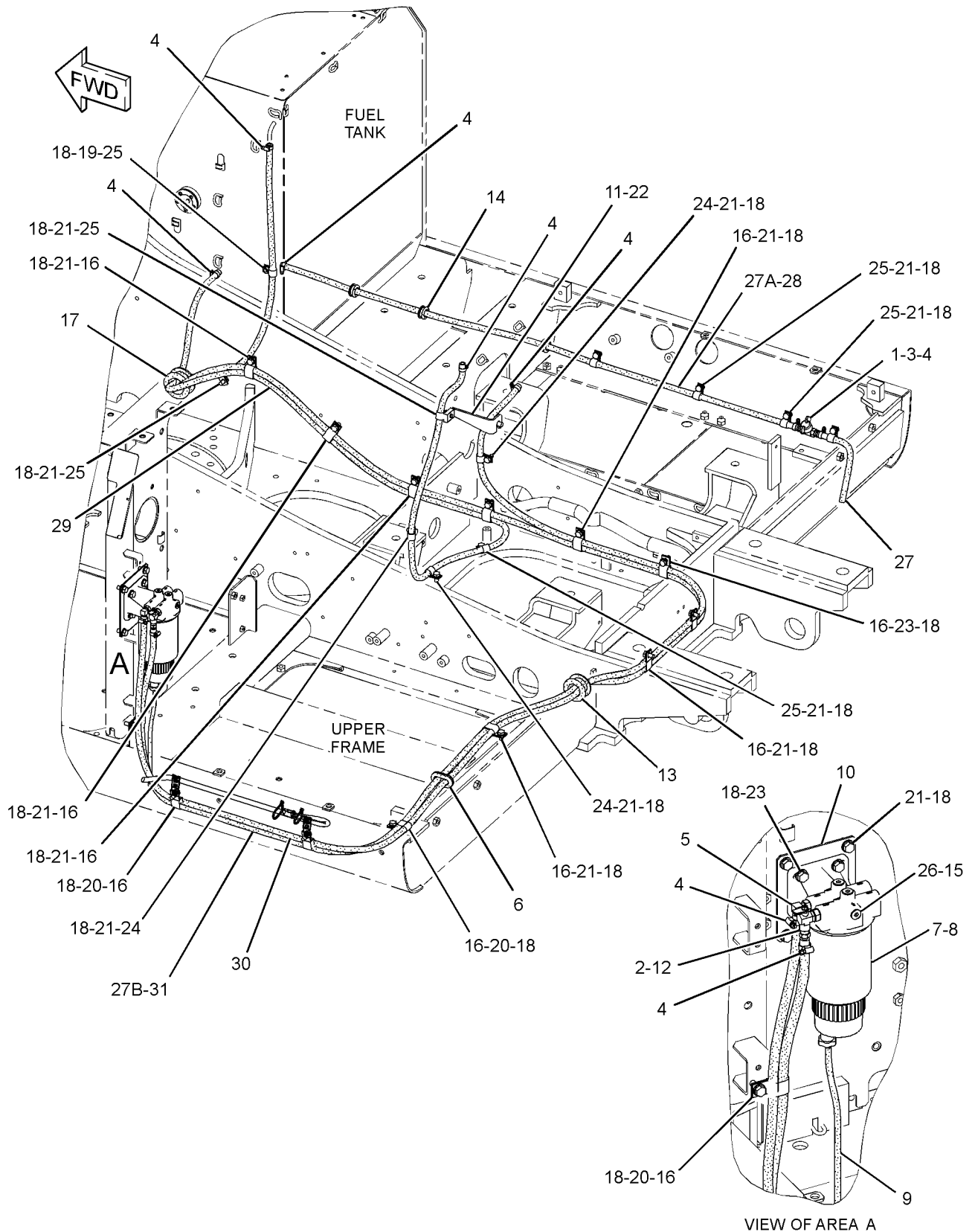
M-METRIC PART

Y-SEPARATE ILLUSTRATION

FUEL SYSTEM

273-7735 LINES GP-FUEL (contd.)

i02775515



GRAPHIC #1

<END>

g01390585

FUEL SYSTEM

296-4656 LINES GP-FUEL

S/N: GDC1-UP
PART OF 272-4683 ENGINE AR
ALSO AN ATTACHMENT

SMCS-1274

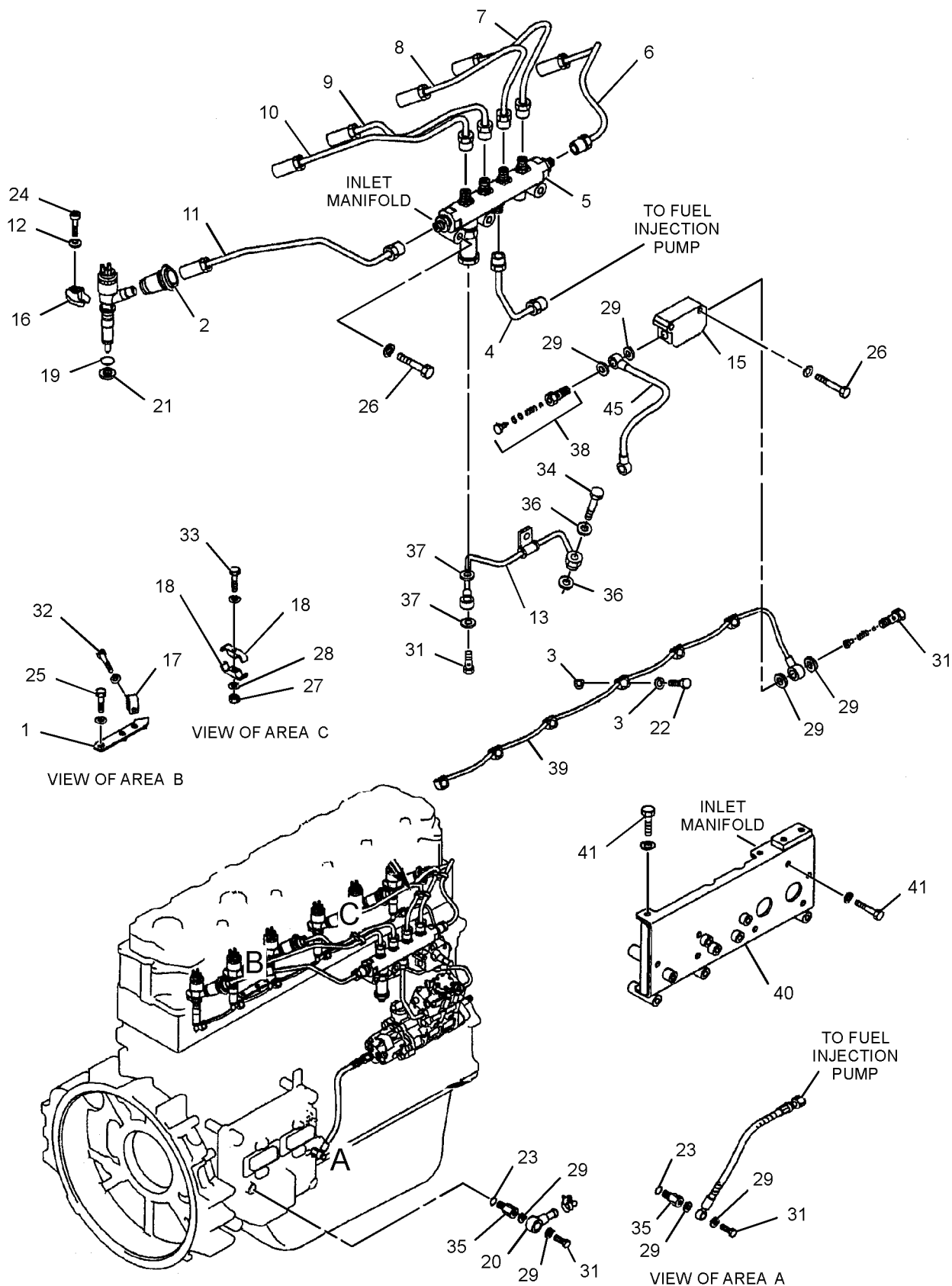
i02781965

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	294-1787	1	SUPPORT						
	2	1	294-1788	6	SEAL						
	3	1	095-2039	12	WASHER-SPECIAL						
	4	1	294-1789	1	PIPE						
	5	1	308-8426	1	RAIL AS-FUEL						
	6	1	294-1790	1	PIPE						
	7	1	294-1791	1	PIPE						
	8	1	294-1792	1	PIPE						
	9	1	294-1793	1	PIPE						
	10	1	294-1794	1	PIPE						
	11	1	294-1795	1	PIPE						
	12	1	294-1796	6	WASHER-SPECIAL						
	13	1	297-7656	1	PIPE						
	15	1	297-7658	1	BLOCK						
	16	1	294-1800	6	SUPPORT						
	17	1	294-1801	1	CLAMP						
	18	1	294-1802	3	CLAMP						
	19	1	294-1803	6	SEAL-O-RING						
	20	1	125-2983	1	FITTING						
	21	1	1R-6573	6	GASKET						
	22	1	296-4812	6	BOLT						
	23	1	294-1804	2	SEAL-O-RING						
M	24	1	294-1805	6	BOLT (M8X1.25X43-MM)						
	25	1	294-1806	1	BOLT AS (M8X1.25X23.5-MM)						
	26	1	270-6259	5	BOLT (M8X1.25X40-MM)						
M	27	1	5C-2890	3	NUT (M6X1-THD)						
	28	1	9X-8256	3	WASHER (6.6X12X2-MM THK)						
	29	1	099-4437	8	GASKET						
	31	1	099-5041	4	BOLT (M14X1.5X27-MM)						
	33	1	294-1808	4	BOLT AS (M6X1X29-MM)						
	34	1	294-1809	1	BOLT						
	35	1	294-1810	2	CONNECTOR						
	36	1	294-1811	2	WASHER						
	37	1	294-1812	2	WASHER						
	38	1	297-7659	1	VALVE						
	39	1	294-1814	1	PIPE						
	40	1	294-1815	1	BRACKET						
M	41	1	099-2503	6	BOLT (M8X1.25X75.5-MM)						
	45	1	297-7657	1	HOSE						
M-METRIC PART											

FUEL SYSTEM

296-4656 LINES GP-FUEL (contd.)

i02781965



GRAPHIC #1

<END>

g01356365

FUEL SYSTEM

297-7671 MOUNTING GP-FUEL FILTER

S/N: A6F1-UP; A8F1-UP

PART OF 272-4742 INSTALLATION AR-ENGINE

SMCS-1261

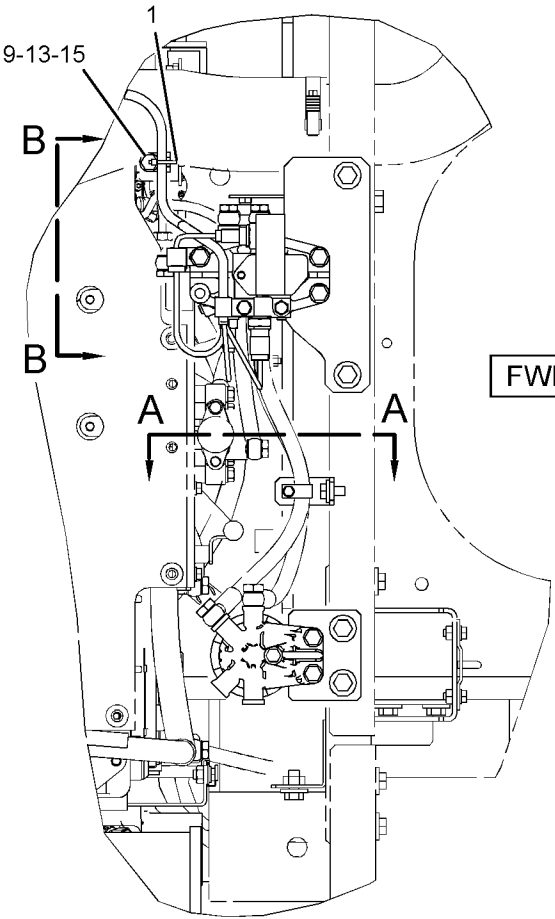
i02778253

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	1	STRAP-CABLE						
	2	1	116-0118	1	CLIP						
M	3	1	135-8575	4	BOLT AS-LOCKING (M12X1.75X30-MM)						
	4	1	294-1831	2	CLAMP						
	5	1	294-1833	1	CLAMP						
	6	1	297-7672	1	PLATE AS						
	7	1	297-7673	1	PLATE AS						
	8	1	297-7674	1	PLATE AS						
	9	1	132-5789	1	CLIP						
M	10	1	7X-2533	1	BOLT (M6X1X35-MM)						
M	11	1	7X-2535	1	BOLT (M6X1X60-MM)						
	12	1	7X-7729	1	WASHER (11X25X3-MM THK)						
	13	1	8T-4121	7	WASHER-HARD (11X21X2.5-MM THK)						
M	14	1	8T-4133	1	NUT (M10X1.5-THD)						
M	15	1	8T-4137	2	BOLT (M10X1.5X20-MM)						
M	16	1	8T-4182	2	BOLT (M10X1.5X45-MM)						
M	17	1	8T-6466	3	BOLT (M10X1.5X60-MM)						
	18	1	9X-8256	4	WASHER (6.6X12X2-MM THK)						
M-METRIC PART											

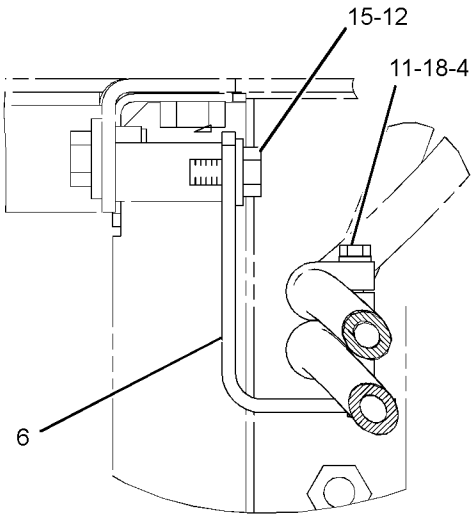
FUEL SYSTEM

297-7671 MOUNTING GP-FUEL FILTER (contd.)

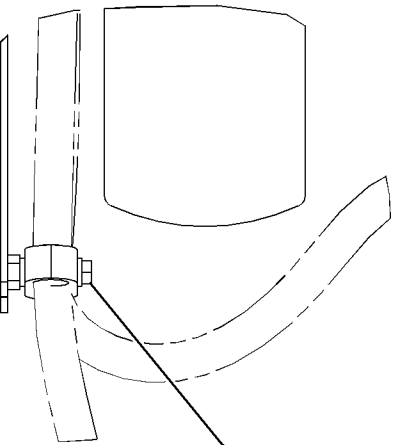
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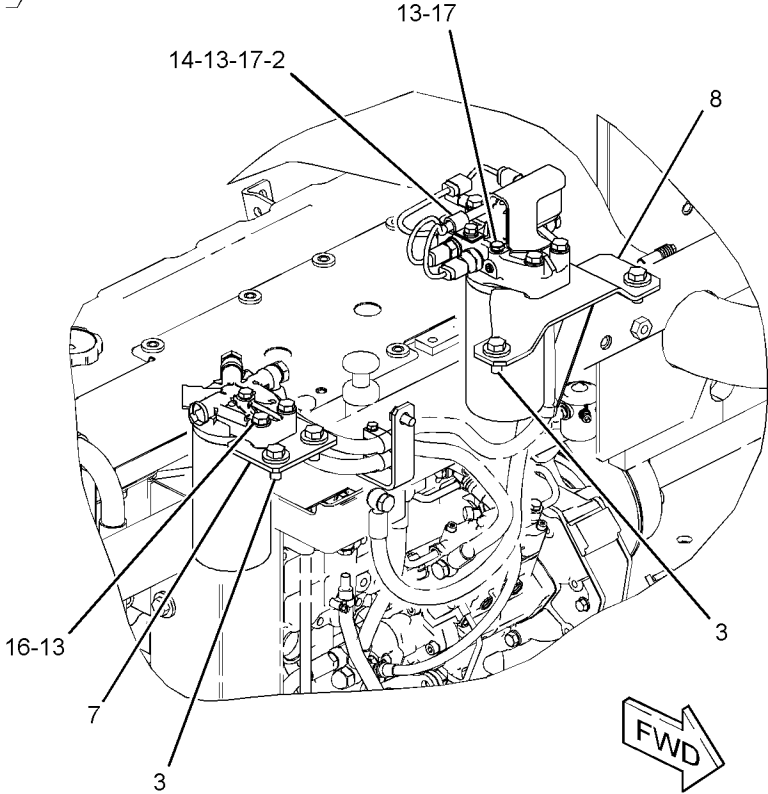
TOP VIEW



SECTION A-A



VIEW B-B



GRAPHIC #1

<END>

g01390766

FUEL SYSTEM

292 - 3750 PUMP & MTG GP-UNIT INJ HYD

S/N: GDC1-UP

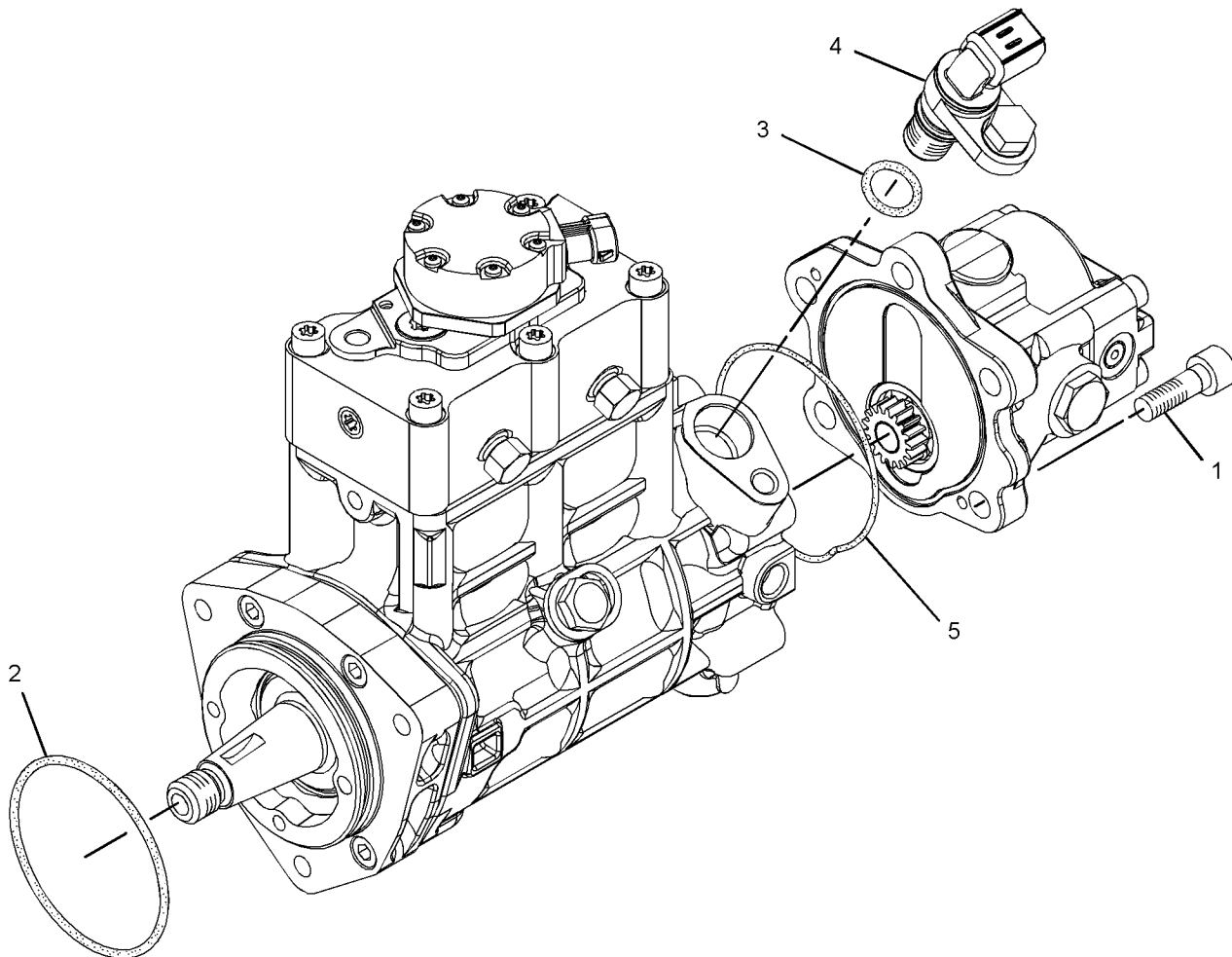
PART OF 305-4745 FILTER GP-FUEL
ALSO AN ATTACHMENT

SMCS-1714

i02781939

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	5A-3604	5	BOLT-SOCKET HEAD (M8X1.25X25-MM)						
	2	1	6D-7889	1	SEAL-O-RING						
	3	1	117-1385	1	SEAL-O-RING						
	4	1	238-0120	1	SENSOR GP-SPEED (FUEL PUMP)						
	5	1	247-6019	1	SEAL						

M-METRIC PART



GRAPHIC #1

<END>

g01366866

FUEL SYSTEM

264-8770 PUMP AR-FUEL TRANSFER

S/N: A6F1-UP; A8F1-UP
AN ATTACHMENT

SMCS-1256

i02788862

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	229-1785	1	PUMP GP-REFUELING						98
Y	278-3900	1	TANK & MTG GP-FUEL						103
Y	238-1570	1	WIRING GP-FUEL SYSTEM (REFUELING)						203
Y-SEPARATE ILLUSTRATION									

<END>

FUEL SYSTEM

229-1785 PUMP GP-REFUELING

S/N: A6F1-UP; A8F1-UP

PART OF 264-8770 PUMP AR-FUEL TRANSFER
AN ATTACHMENT

SMCS-1295

i02499696

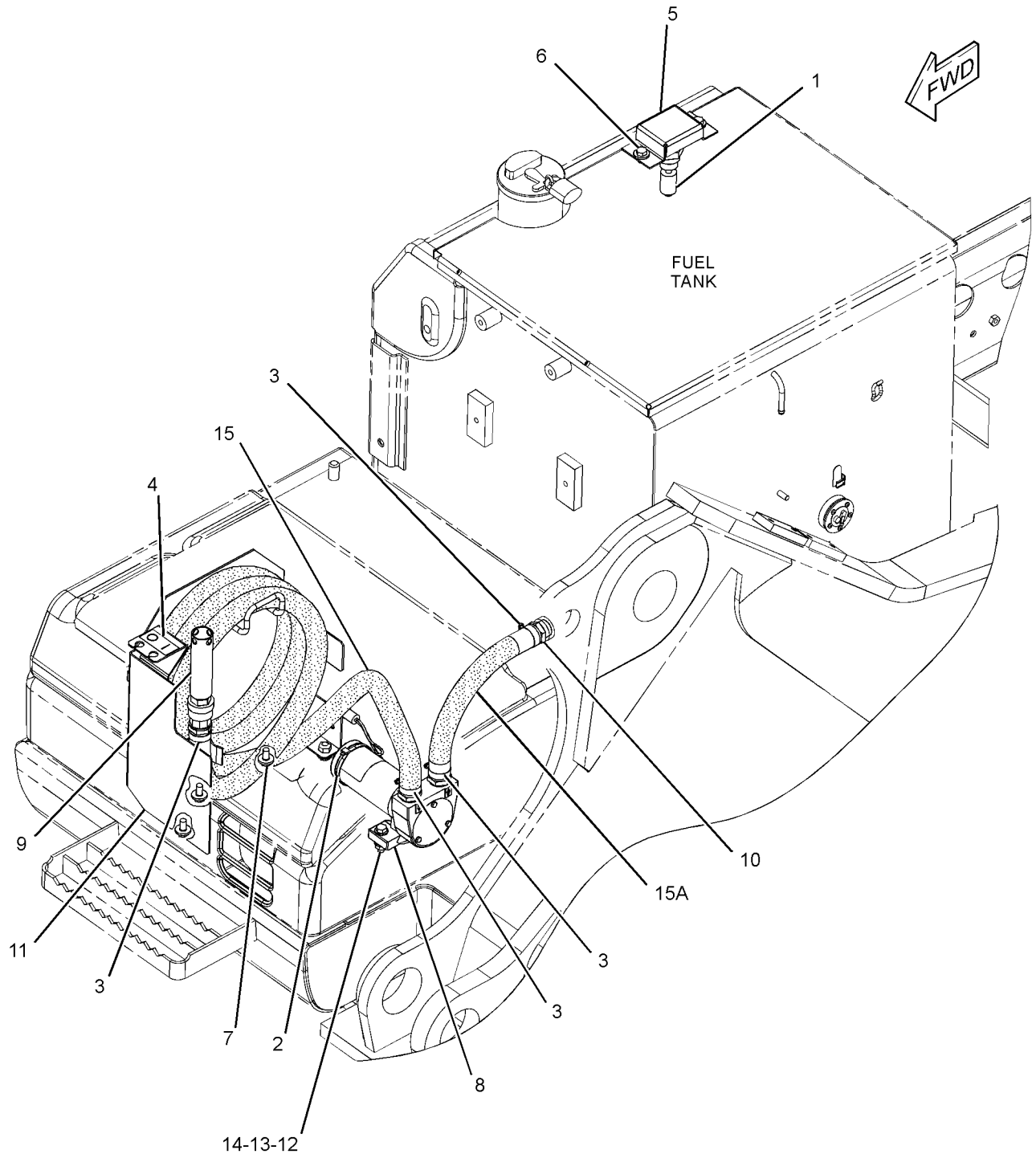
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	5C-6108	1	SWITCH GP-REFUELING (FUEL TANK SHUTOFF)	163
	2	1	7K-1181	1	STRAP-CABLE	
	3	1	9M-7958	4	CLAMP-HOSE	
	4	1	120-5114	1	FILM-INSTRUCTION (REFUELING PUMP)	
	5	1	122-4021	1	COVER	
M	6	1	135-8572	2	BOLT AS	
M	7	1	135-8573	4	BOLT AS	
Y	8	1	229-1859	1	PUMP GP-REFUELING	100
	9	1	229-1860	1	STRAINER AS-FUEL	
	10	1	229-1861	1	CONNECTOR-HOSE	
	11	1	240-3920	1	SUPPORT AS	
M	12	1	8T-4194	2	BOLT (M12X1.75X50-MM)	
	13	1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)	
M	14	1	8T-4244	2	NUT (M12X1.75-THD)	
E	15	1	229-1857		HOSE (430-CM)	
E	15A	1	229-1857		HOSE (38-CM)	

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

FUEL SYSTEM

229 - 1785 PUMP GP - REFUELING (contd.)

i02499696



GRAPHIC #1

<END>

g01236403

FUEL SYSTEM

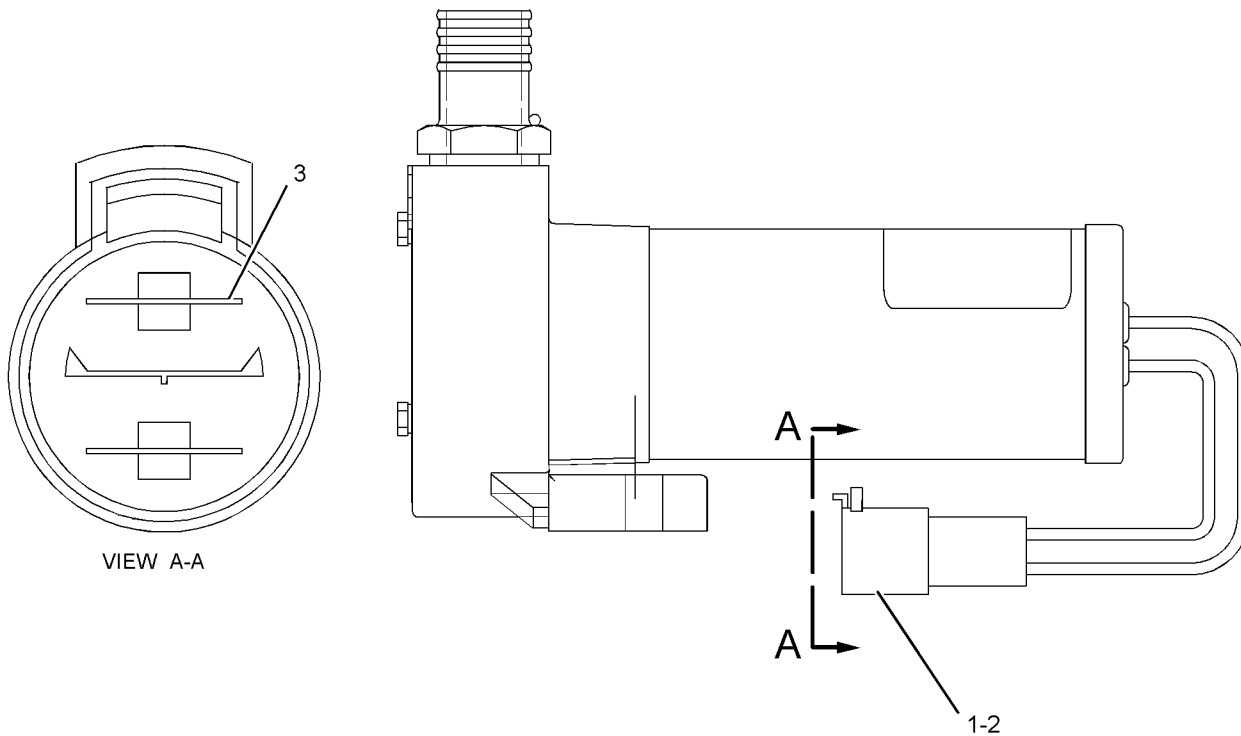
229-1859 PUMP GP-REFUELING

S/N: A6F1-UP; A8F1-UP
PART OF 229-1785 PUMP GP-REFUELING
AN ATTACHMENT

SMCS-1295

i02499702

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	121-1038	1	HOUSING-RECEPTACLE						
	2	1	116-0128	1	SEAL						
	3	1	121-1039	2	TERMINAL (MALE)						



GRAPHIC #1

<END>

g01104176

FUEL SYSTEM

262-9372 STRAINER GP-FUEL-FLOAT GAUGE

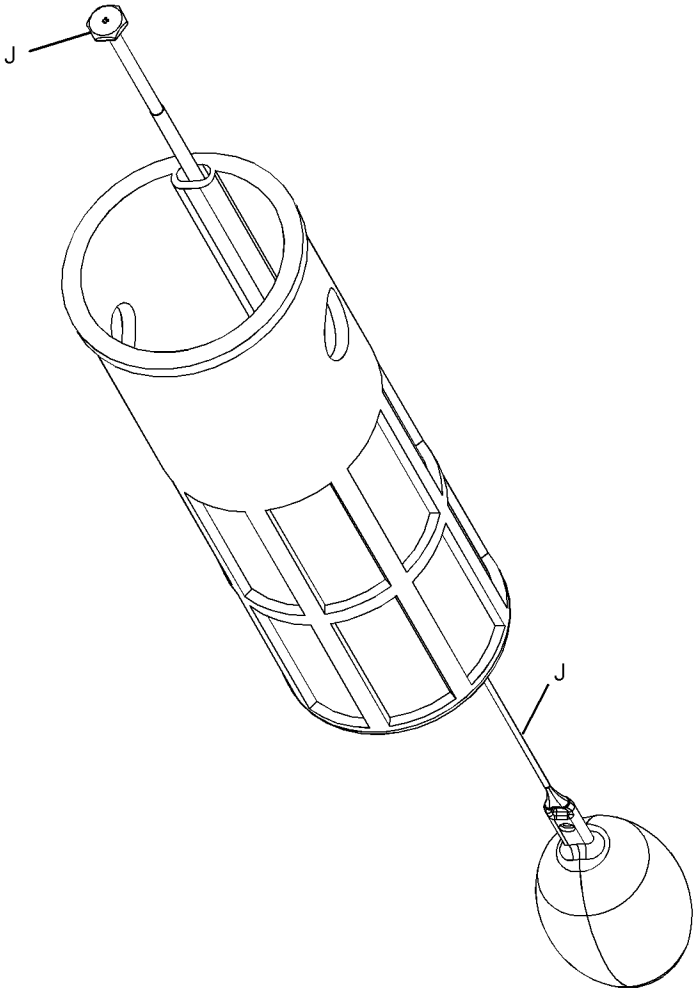
S/N: A6F1-UP; A8F1-UP

PART OF 278-3898, 278-3899, 278-3902, 278-3903 TANK GP-FUEL
ALSO AN ATTACHMENT

SMCS-1261

i02776330

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
AVAILABLE REPAIR KIT(S) :											
J			278-3970	1	KIT-GAUGE (FUEL STRAINER)						
J-KIT MARKED J SERVICES PART(S) MARKED J IN GRAPHIC											



GRAPHIC #1

<END>

g01387510

FUEL SYSTEM

278-3896 TANK & MTG GP - FUEL

S/N: A6F1-UP; A8F1-UP

PART OF 264-8638, 264-8639 CHASSIS AR

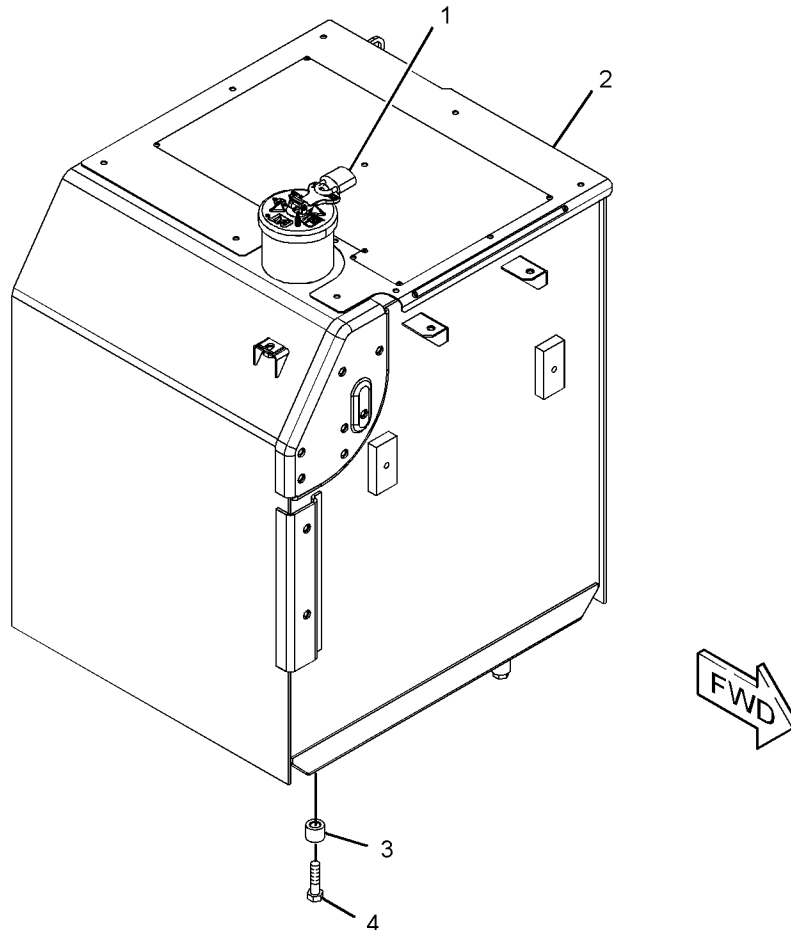
SMCS-1273

i02775892

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	246-2641	1	PADLOCK GP						
		1	5P-8500	1	KEY						
Y	2	1	278-3897	1	TANK GP - FUEL						104
	3	1	085-9310	4	SPACER (16.6X32X26-MM THK)						
M	4	1	8T-4140	4	BOLT (M16X2X60-MM)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01392682

FUEL SYSTEM

278-3900 TANK & MTG GP - FUEL

S/N: A6F1-UP; A8F1-UP

PART OF 264-8770 PUMP AR-FUEL TRANSFER
AN ATTACHMENT

SMCS-1273

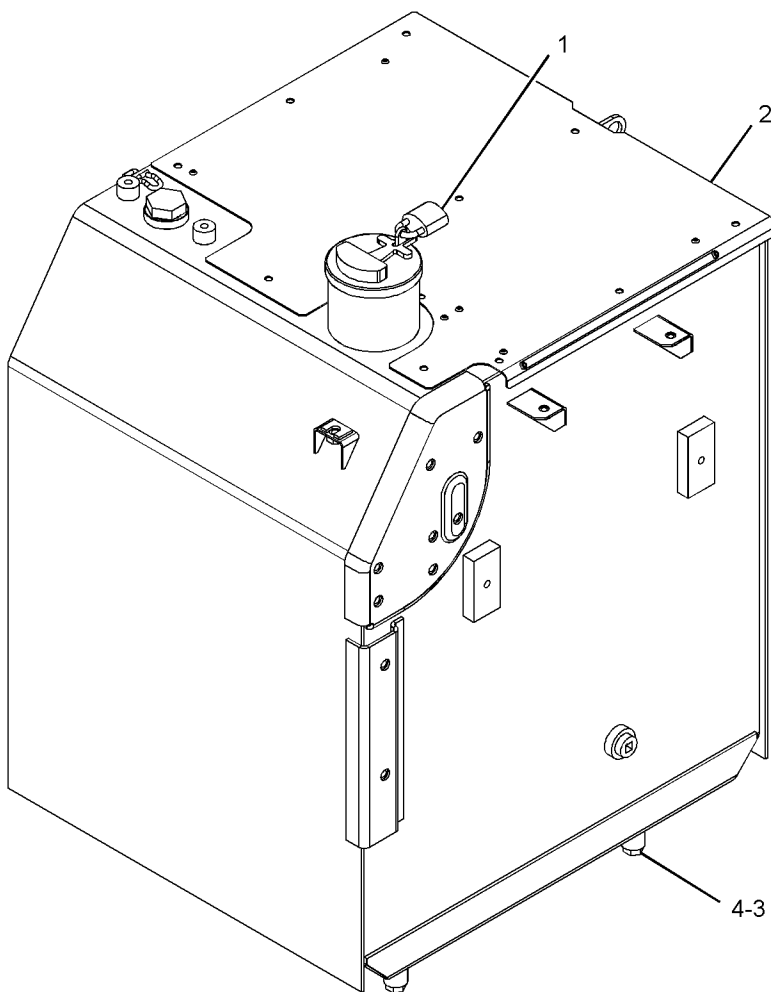
i02788866

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						
A		1	5P-8500	1	KEY						
Y	2	1	278-3901	1	TANK GP - FUEL						107
	3	1	085-9310	4	SPACER (16.6X32X26-MM THK)						
M	4	1	8T-4140	4	BOLT (M16X2X60-MM)						

A - NOT PART OF THIS GROUP

M - METRIC PART

Y - SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01384337

FUEL SYSTEM

278-3897 TANK GP - FUEL

S/N: A6F1-UP; A8F1-UP

PART OF 278-3896 TANK & MTG GP - FUEL

SMCS-1273

i02775956

NOTE	PART NUMBER	QTY	PART NAME	SEE PAGE
			1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	278-3898	1	TANK GP - FUEL	105
			-OR-	
Y	278-3899	1	TANK GP - FUEL	106
Y - SEPARATE ILLUSTRATION				

<END>

FUEL SYSTEM

278-3898 TANK GP-FUEL

S/N: A6F1-UP; A8F1-UP

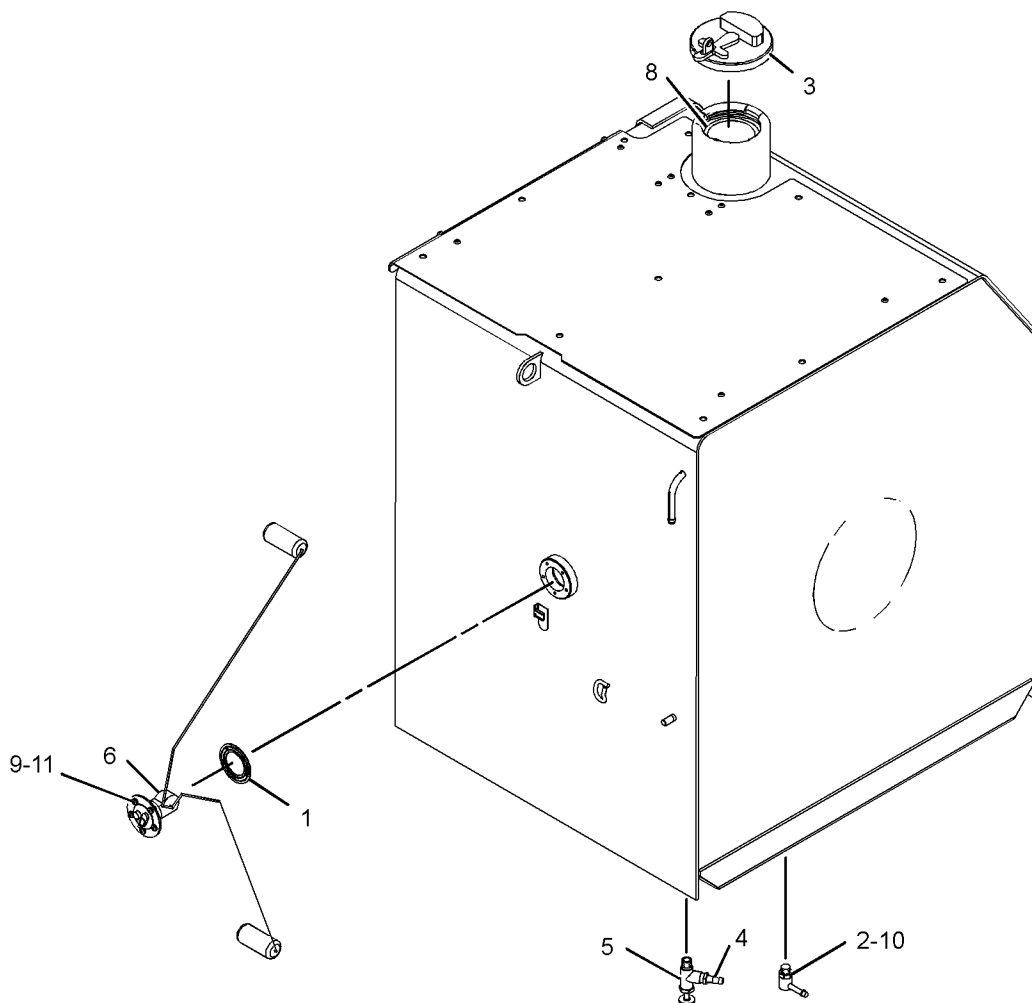
PART OF 278-3897 TANK GP-FUEL

SMCS-1273

i02776015

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	4I-0378	1	GASKET - RUBBER	
	2	1	5P-4924	1	ELBOW	
Y	3	1	164-4858	1	CAP GP-FUEL FILLER (EXTREME SERVICE, LOCKABLE)	83
	4	1	003-7764	1	END-HOSE	
	5	1	128-4411	1	VALVE AS (FUEL SHUTOFF)	
	6	1	163-6700	1	SENSOR GP-FUEL LEVEL	
		1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
Y	8	1	262-9372	1	STRAINER GP-FUEL (FLOAT GAUGE)	101
M	9	1	095-0736	5	SCREW-MACHINE (M5X0.8X10-MM)	
	10	1	3J-1907	1	SEAL-O-RING	
	11	1	8T-0328	5	WASHER-HARD (5.5X10X1-MM THK)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01392222

FUEL SYSTEM

278-3899 TANK GP - FUEL

S/N: A6F1-UP; A8F1-UP

410-L (108-US GAL)

PART OF 278-3897 TANK GP - FUEL

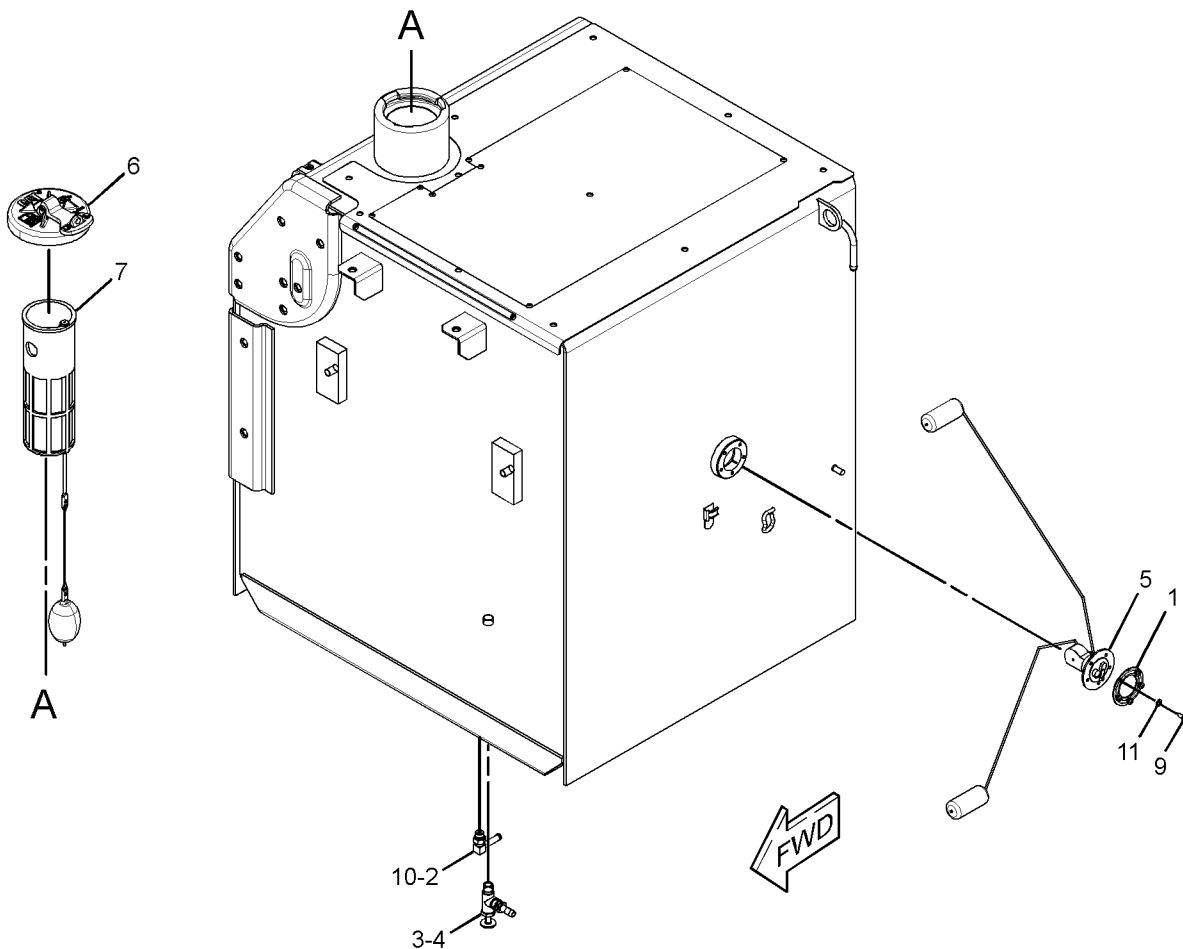
SMCS-1273

i02776151

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4I-0378	1	GASKET - RUBBER						
	2	1	5P-4924	1	ELBOW						
	3	1	003-7764	1	END-HOSE						
	4	1	128-4411	1	VALVE AS (FUEL SHUTOFF)						
	5	1	163-6700	1	SENSOR GP - FUEL LEVEL						
		1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
Y	6	1	164-4858	1	CAP GP - FUEL FILLER (EXTREME SERVICE, LOCKABLE)						83
Y	7	1	262-9372	1	STRAINER GP - FUEL (FLOAT GAUGE)						101
M	9	1	095-0736	5	SCREW-MACHINE (M5X0.8X10-MM)						
	10	1	3J-1907	1	SEAL-O-RING						
	11	1	8T-0328	5	WASHER-HARD (5.5X10X1-MM THK)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01393129

FUEL SYSTEM

278-3901 TANK GP - FUEL

S/N: A6F1-UP; A8F1-UP

410-L (108.3-US GAL)

PART OF 278-3900 TANK & MTG GP - FUEL
AN ATTACHMENT

SMCS-1273

i02789080

NOTE	PART NUMBER	QTY	PART NAME	SEE PAGE
			1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	278-3902	1	TANK GP - FUEL	108
			-OR-	
Y	278-3903	1	TANK GP - FUEL	110
Y - SEPARATE ILLUSTRATION				

<END>

FUEL SYSTEM

278-3902 TANK GP-FUEL

S/N: A6F1-UP; A8F1-UP

410-L (108.3-US GAL)

PART OF 278-3901 TANK GP-FUEL

AN ATTACHMENT

SMCS-1273

i02789113

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4I-0378	1	GASKET-RUBBER						
	2	1	5P-4924	1	ELBOW						
	3	1	003-7764	1	END-HOSE						
	4	1	128-4411	1	VALVE AS (FUEL SHUTOFF)						
	5	1	163-6700	1	SENSOR GP-FUEL LEVEL						
		1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
Y	6	1	164-4858	1	CAP GP-FUEL FILLER (EXTREME SERVICE, LOCKABLE)						83
Y	8	1	262-9372	1	STRAINER GP-FUEL (FLOAT GAUGE)						101
M	9	1	095-0736	5	SCREW-MACHINE (M5X0.8X10-MM)						
	10	1	2S-4078	1	SEAL-O-RING						
	11	1	3B-0551	1	PLUG-PIPE						
	12	1	3J-1907	1	SEAL-O-RING						
	13	1	8T-0328	5	WASHER-HARD (5.5X10X1-MM THK)						
	14	1	9S-6130	1	PLUG						

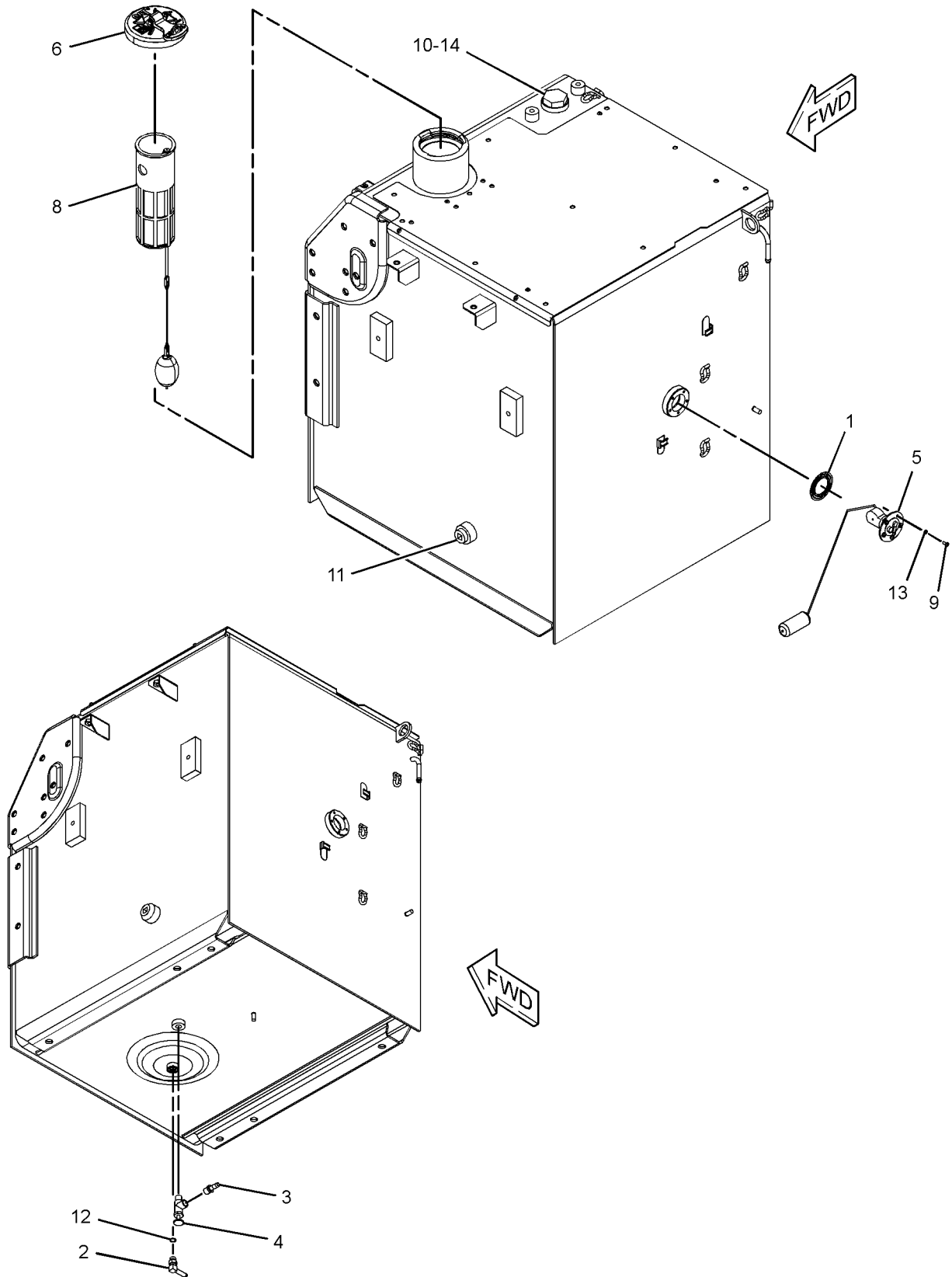
M-METRIC PART

Y-SEPARATE ILLUSTRATION

FUEL SYSTEM

278 - 3902 TANK GP - FUEL (contd.)

i02789113



GRAPHIC #1

<END>

g01396209

FUEL SYSTEM

278-3903 TANK GP-FUEL-410-L (108.3-US GAL)

S/N: A6F1-UP; A8F1-UP
PART OF 278-3901 TANK GP-FUEL
AN ATTACHMENT

SMCS-1273

i02789121

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4I-0378	1	GASKET-RUBBER						
	2	1	5P-4924	1	ELBOW						
Y	3	1	164-4858	1	CAP GP-FUEL FILLER (EXTREME SERVICE, LOCKABLE)						83
	4	1	003-7764	1	END-HOSE						
	5	1	128-4411	1	VALVE AS (FUEL SHUTOFF)						
	6	1	163-6700	1	SENSOR GP-FUEL LEVEL						
		1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
Y	7	1	262-9372	1	STRAINER GP-FUEL (FLOAT GAUGE)						101
	8	1	9S-6130	1	PLUG						
M	9	1	095-0736	5	SCREW-MACHINE (M5X0.8X10-MM)						
	10	1	2S-4078	1	SEAL-O-RING						
	11	1	3B-0551	1	PLUG-PIPE						
	12	1	3J-1907	1	SEAL-O-RING						
	13	1	8T-0328	5	WASHER-HARD (5.5X10X1-MM THK)						

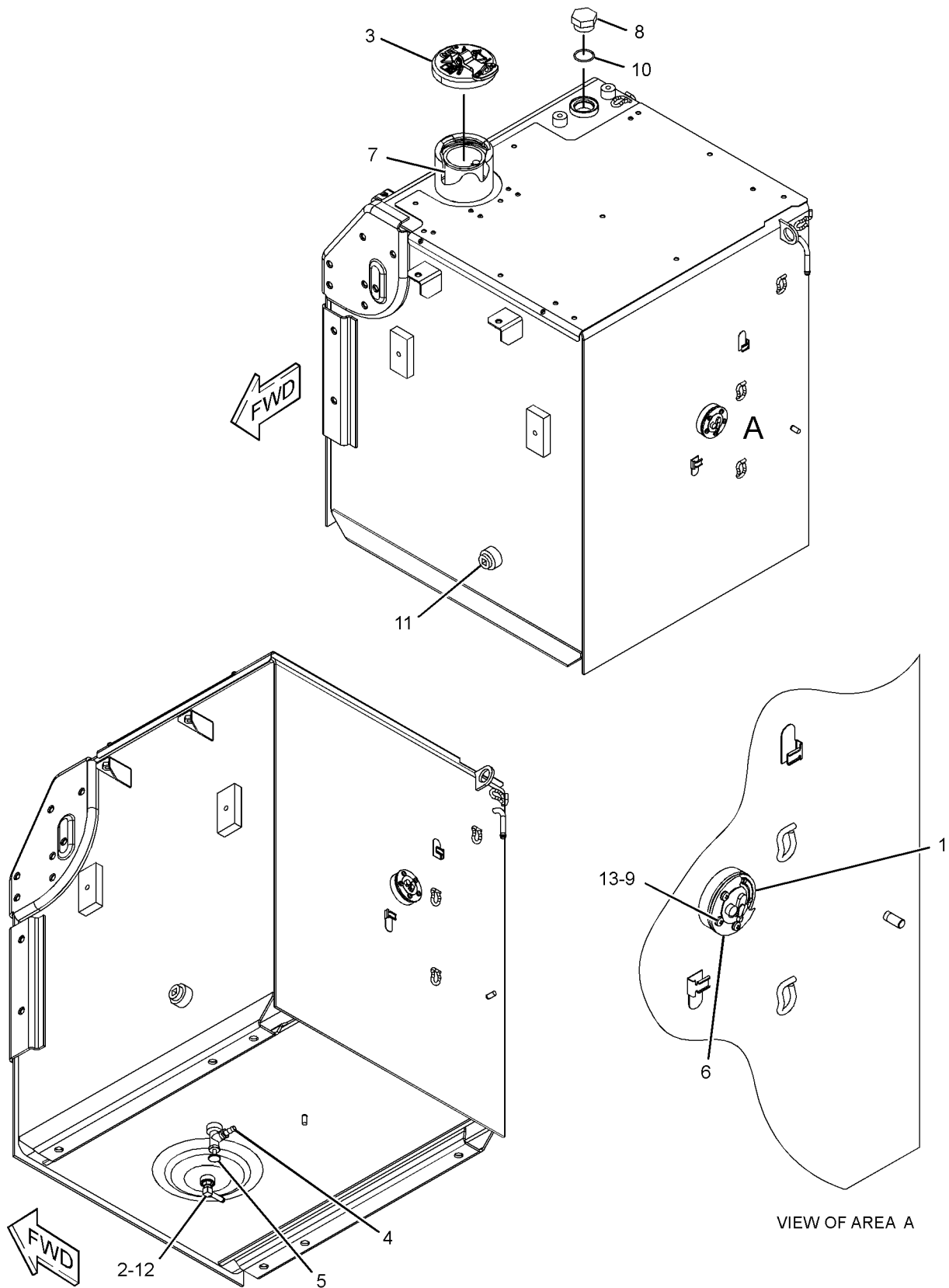
M-METRIC PART

Y-SEPARATE ILLUSTRATION

FUEL SYSTEM

278 - 3903 TANK GP - FUEL (contd.)

i02789121



GRAPHIC #1

<END>

g01389033

FUEL SYSTEM

298-3147 VALVE GP-FUEL SHUTOFF

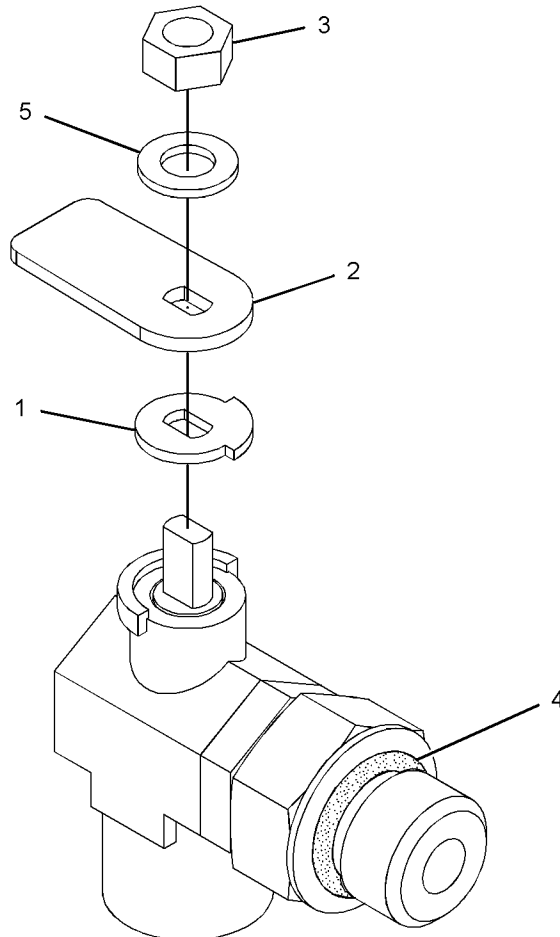
S/N: A6F1-UP; A8F1-UP
PART OF 273-7735 LINES GP-FUEL

SMCS-1273

i02775704

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	298-3257	1	STOP						
	2	1	298-3258	1	LEVER						
	3	1	260-6692	1	NUT (M5X0.8-THD)						
	4	1	3J-1907	1	SEAL-O-RING						
	5	1	8T-0328	1	WASHER-HARD (5.5X10X1-MM THK)						

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



GRAPHIC #1

<END>

g01377343

ELECTRICAL AND STARTING SYSTEM

132 - 1829 ALARM GP

S/N: A6F1-UP; A8F1-UP

24-VOLT

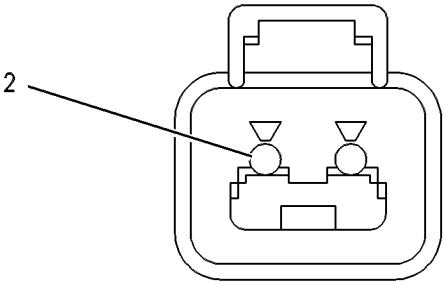
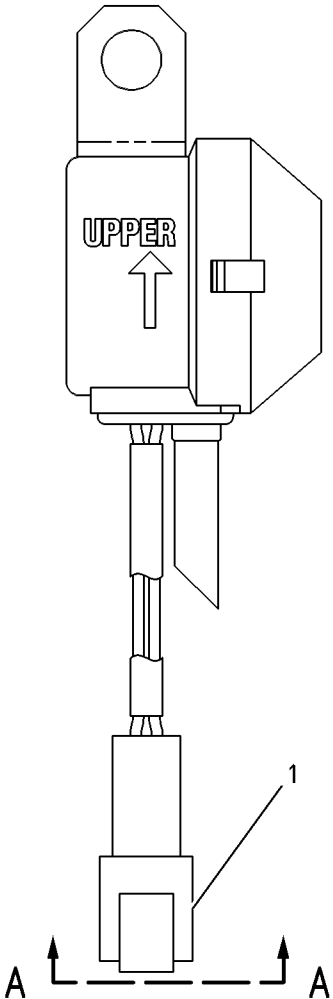
PART OF 259-5161 WIRING GP-CAB

ALSO AN ATTACHMENT

SMCS-7400, 7402, 7407

i02454082

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



VIEW A-A

GRAPHIC #1

<END>

g00272185

ELECTRICAL AND STARTING SYSTEM

231-1771 ALARM GP-TRAVEL

S/N: A6F1-UP; A8F1-UP

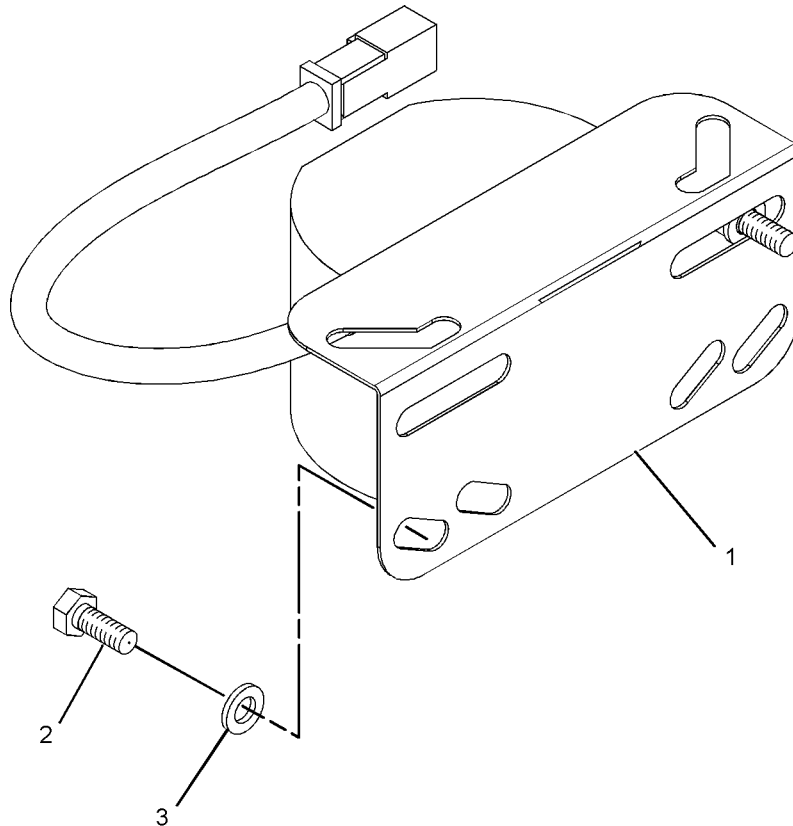
AN ATTACHMENT

SMCS-7429

i02502117

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	213-9100	1	ALARM AS						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)						
BD		1	5P-5623		WIRE-ELECTRICAL (16-GA, BLACK)						
		1	186-3735	1	PIN-CONNECTOR (16-GA TO 18-GA)						
E		1	9X-1813		SLEEVE (31-CM)						
M	2	1	8T-4189	2	BOLT (M8X1.25X20-MM)						
	3	1	7X-0772	2	WASHER-HARD (10.2X25.5X2.5-MM THK)						

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



GRAPHIC #1

<END>

g01071794

ELECTRICAL AND STARTING SYSTEM

212-8561 ALTERNATOR GP-CHARGING

S/N: GDC1-UP

PART OF 272-4683 ENGINE AR

ALSO AN ATTACHMENT

SMCS-1405

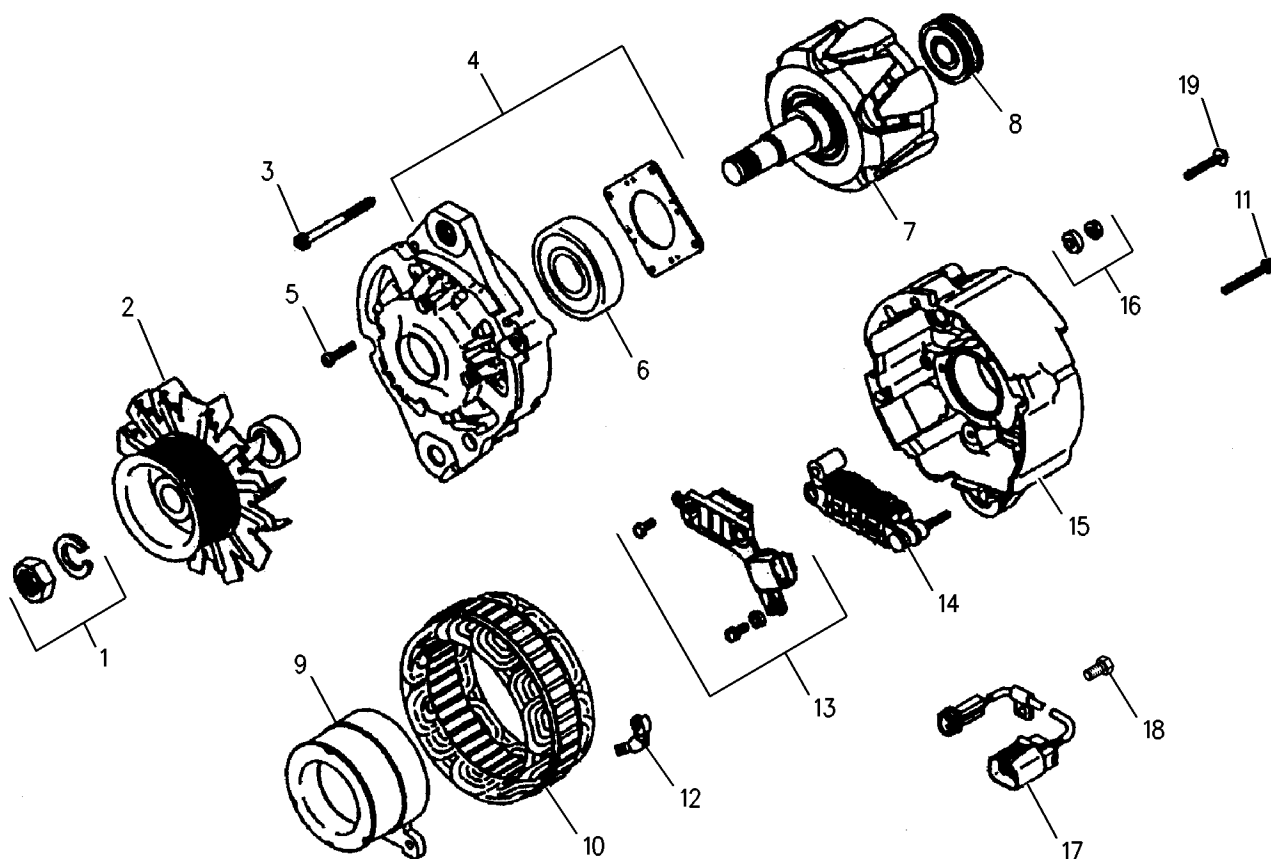
i02170839

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	099-3913	1	NUT SET						
	2	1	212-8613	1	PULLEY AS						
	3	1	5I-7985	1	SETSCREW						
	4	1	5I-8086	1	BRACKET AS						
	5	1	5I-7987	1	SETSCREW						
	6	1	5I-8087	1	BEARING						
	7	1	5I-8088	1	ROTOR AS						
	8	1	5I-8089	1	BEARING						
	9	1	5I-8098	1	COIL AS						
	10	1	5I-8090	1	STATOR						
	11	1	5I-7997	1	SETSCREW						
	12	1	135-2381	1	PLATE						
	13	1	239-6681	1	REGULATOR AS						
	14	1	5I-8095	1	RECTIFIER AS						
	15	1	212-8521	1	BRACKET						
	16	1	085-9429	1	NUT SET						
	17	1	5I-8080	1	CONNECTOR AS						
	18	1	5I-8094	1	BOLT						
	19	1	5I-8097	1	SETSCREW						

ELECTRICAL AND STARTING SYSTEM

212-8561 ALTERNATOR GP - CHARGING (contd.)

i02170839



GRAPHIC #1

<END>

g00923464

ELECTRICAL AND STARTING SYSTEM

259-5049 BATTERY & WIRING GP-COLD WEATHER

S/N: A6F1-UP; A8F1-UP

AN ATTACHMENT

SMCS-1401, 1402, 1408

i02790848

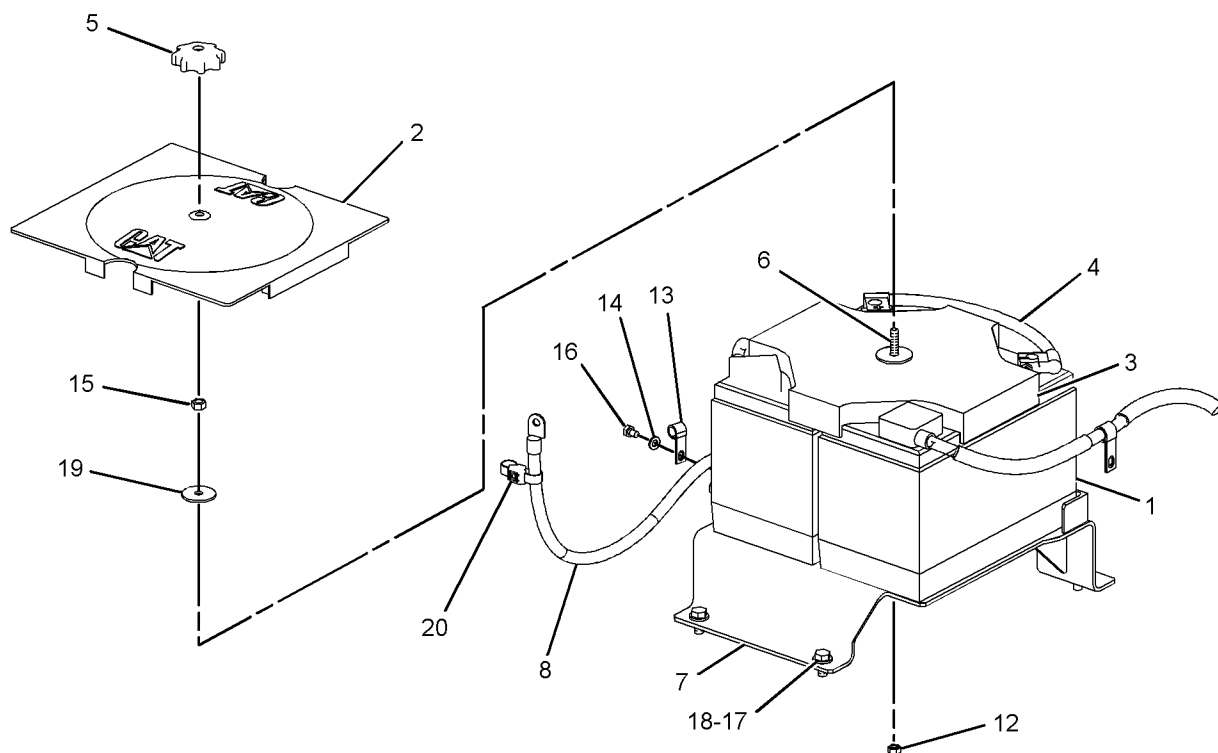
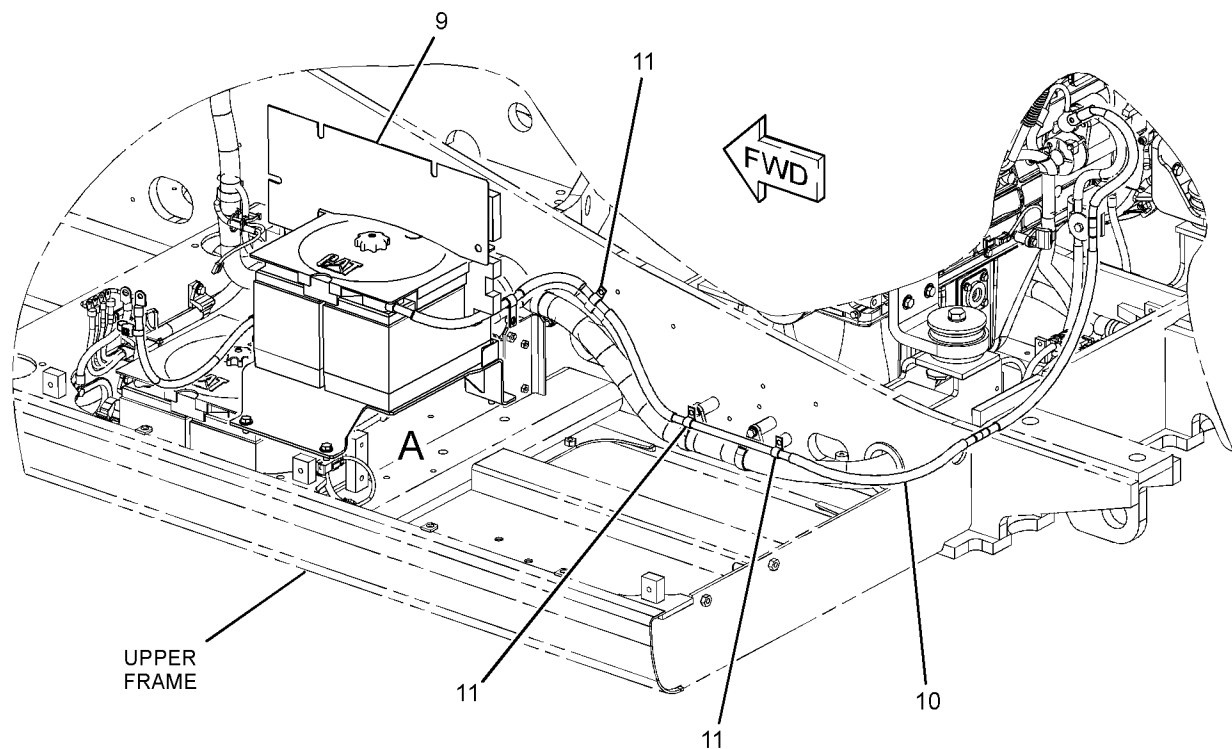
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3T-5760	2	BATTERY (12-VOLT, MAINTENANCE FREE)						
	2	1	5I-8270	1	COVER-BATTERY						
	3	1	6W-6005	1	HOLD-DOWN-BATTERY						
	4	1	170-6929	1	CABLE AS						
E		1	5P-0761		CABLE (00-GA, RED) (31-CM)						
		1	9G-0002	1	COVER-TERMINAL (RED)						
		1	9G-0005	1	COVER-TERMINAL (BLACK)						
		1	8C-5918	1	TERMINAL AS (NEGATIVE)						
		1	8T-9756	1	TERMINAL AS (POSITIVE)						
					(EACH TERMINAL AS INCLUDES)						
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)						
		1	1M-6120	1	NUT (5/16-18-THD)						
	5	1	238-2501	1	KNOB						
	6	1	238-2528	1	ROD						
	7	1	259-5225	1	SUPPORT AS						
	8	1	259-5229	1	CABLE AS						
E		1	1S-7252	1	TERMINAL-RING (FOR 3/8-IN BOLT)						
		1	5P-0747		CABLE (00-GA, BLACK) (89-CM)						
		1	9G-0003	1	COVER-TERMINAL (BLACK)						
		1	8T-9757	1	TERMINAL AS-BATTERY (NEGATIVE)						
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)						
		1	1M-6120	1	NUT (5/16-18-THD)						
	9	1	289-6712	1	SHEET AS-SOUND SUPPRESSION						
		1	262-2333	1	LINER						
		1	262-2335	1	LINER						
		1	289-6713	1	LINER						
	10	1	291-7592	1	CABLE AS						
		1	1S-7252	1	TERMINAL-RING (FOR 3/8-IN BOLT)						
E		1	5P-0761		CABLE (00-GA, RED) (281-CM)						
D		1	6V-2722		TUBE-HEAT SHRINK (25.4-MM DIA) (1-M)						
		1	9G-0004	1	COVER-TERMINAL (RED)						
		1	8C-5917	1	TERMINAL AS-BATTERY (POSITIVE)						
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)						
		1	1M-6120	1	NUT (5/16-18-THD)						
	11	1	4K-8864	3	CLIP						
M	12	1	5C-7261	1	NUT (M8X1.25-THD)						
	13	1	6K-8178	2	CLIP						
	14	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						
M	15	1	8T-4133	1	NUT (M10X1.5-THD)						
M	16	1	8T-4191	1	BOLT (M10X1.5X16-MM)						
M	17	1	8T-4192	4	BOLT (M12X1.75X25-MM)						
	18	1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)						
	19	1	8T-4226	1	WASHER-PLATED (10.5X45X3-MM THK)						
	20	1	204-1673	1	STRAP-CABLE						

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

ELECTRICAL AND STARTING SYSTEM

259-5049 BATTERY & WIRING GP (contd.)

i02790848



VIEW OF AREA A

GRAPHIC #1

<END>

g01397361

ELECTRICAL AND STARTING SYSTEM

267-8000 BATTERY & WIRING GP

S/N: A6F1-UP; A8F1-UP

PART OF 264-8638, 264-8639 CHASSIS AR

SMCS-1401, 1402, 1408

i02771137

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	3, 4	2G-8767	2	WASHER (10.5X60X3-MM THK)	
	2	1, 2, 3, 4, 5	3S-2093	39	STRAP-CABLE	
	3	2	3T-5760	2	BATTERY (12-VOLT, MAINTENANCE FREE)	
	4	2	306-8401	1	GROMMET	
	5	2	5I-8270	1	COVER-BATTERY	
	6	4	5I-9368	1	SPACER (11.24X13.72X20-MM THK)	
	7	2	6W-6005	1	HOLD-DOWN-BATTERY	
	8	3, 4, 5	7I-2673	4	STRAP-CABLE	
	9	2, 3, 5	7K-1181	15	STRAP-CABLE	
	10	1, 2	7Y-5456	2	GROMMET	
	11	1, 3, 4, 5	111-4836	11	CLIP	
	12	2, 3, 4, 5	111-4837	12	CLIP	
	13	2, 3, 4	111-4838	13	CLIP	
	14	2, 3, 4	111-4839	13	STRAP	
	15	2, 3, 4, 5	116-0118	10	CLIP	
	16	2	132-1805	1	STRAP AS-GROUND	
	17	4	132-1806	1	STRAP AS-GROUND	
	18	2	170-6929	1	CABLE AS	
E		2	5P-0761		CABLE (00-GA, RED) (31-CM)	
		2	9G-0002	1	COVER-TERMINAL (RED)	
		2	9G-0005	1	COVER-TERMINAL (BLACK)	
		2	8T-9756	1	TERMINAL AS (POSITIVE)	
		2	8C-5918	1	TERMINAL AS (NEGATIVE)	
					(EACH TERMINAL AS INCLUDES)	
		2	1M-6119	1	BOLT (5/16-18X1.375-IN)	
		2	1M-6120	1	NUT (5/16-18-THD)	
	19	4	170-9336	1	BRACKET AS	
	20	4	183-1049	1	BRACKET	
	21	2	231-1827	1	CABLE AS	
		2	1S-7252	1	TERMINAL-RING (FOR 3/8-IN BOLT)	
E		2	5P-0747		CABLE (00-GA, BLACK) (23-CM)	
		2	9G-0003	1	COVER-TERMINAL (BLACK)	
		2	9G-8909	1	COVER-TERMINAL (BLACK)	
		2	8T-9757	1	TERMINAL AS-BATTERY (NEGATIVE)	
		2	1M-6119	1	BOLT (5/16-18X1.375-IN)	
		2	1M-6120	1	NUT (5/16-18-THD)	
	22	2	238-2501	1	KNOB	
	23	2	238-2528	1	ROD	
	24	2	251-0467	1	BRACKET AS	
	25	3	259-5267	1	BRACKET AS	
	26	3	259-5317	1	BRACKET AS	
	27	2	291-7590	1	HARNESS AS-CHASSIS	
		2	121-1038	1	HOUSING-RECEPTACLE	
E		2	103-2529	1	HOSE (80-CM)	
		2	102-8802	4	KIT-RECEPTACLE (2-PIN)	
		2	102-8803	2	KIT-RECEPTACLE (3-PIN)	
		2	102-8804	1	KIT-RECEPTACLE (4-PIN)	
					(EACH RECPACLE KIT INCLUDES RECEPTACLE AS & WEDGE)	
		2	3S-2093	17	STRAP-CABLE	
		2	8T-8799	2	BOOT	
E		2	7Y-3820	1	HOUSING-RECEPTACLE	
		2	116-0128	2	SEAL	
E		2	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (26-CM)	
E		2	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (95-CM)	

ELECTRICAL AND STARTING SYSTEM

267-8000 BATTERY & WIRING GP (contd.)

i02771137

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
E		2	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (50-CM)						
		2	134-3297	1	SEAL						
		2	153-2620	1	PLUG AS-CONNECTOR (54-PIN, BLACK)						
		2	163-6759	1	SEAL						
		2	153-2630	1	PLUG AS-CONNECTOR (54-PIN, BROWN)						
		2	163-6759	1	SEAL						
		2	155-2260	2	KIT-CONNECTING PLUG (3-PIN)						
		2	155-2270	16	KIT-CONNECTING PLUG (2-PIN)						
		2	155-2271	1	KIT-CONNECTING PLUG (4-PIN)						
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
		2	163-6637	1	RECEPTACLE AS-CONNECTOR (54-PIN, BLACK)						
		2	174-3016	2	PLUG AS-CONNECTOR (3-PIN)						
		2	230-4009	3	PLUG AS-CONNECTOR (12-PIN)						
		2	230-4011	7	PLUG AS-CONNECTOR (2-PIN)						
		2	230-4013	1	PLUG AS-CONNECTOR (3-PIN)						
		2	230-5010	3	PLUG AS-CONNECTOR (6-PIN)						
		2	231-2295	2	PLUG AS-CONNECTOR (8-PIN)						
		2	243-4505	6	RECEPTACLE AS-CONNECTOR (2-PIN)						
		2	243-4506	1	RECEPTACLE AS-CONNECTOR (3-PIN)						
		2	243-4508	3	RECEPTACLE AS-CONNECTOR (6-PIN)						
		2	243-4509	2	RECEPTACLE AS-CONNECTOR (8-PIN)						
		2	243-4510	3	RECEPTACLE AS-CONNECTOR (12-PIN)						
		2	245-1042	1	PLUG AS-CONNECTOR (64-PIN)						
M		2	267-7207	1	BOLT-SPECIAL (M6X1X40-MM)						
		2	267-7208	1	RING-RETAINING						
		2	274-4990	1	SEAL						
		2	245-1045	1	COVER						
	28	2	291-7591	1	CABLE AS						
E		2	1S-7252	1	TERMINAL-RING (FOR 3/8-IN BOLT)						
		2	5P-0761		CABLE (00-GA, RED) (327-CM)						
		2	9G-0004	1	COVER-TERMINAL (RED)						
		2	8N-0869	1	COVER-TERMINAL (RED)						
		2	8C-5917	1	TERMINAL AS-BATTERY (POSITIVE)						
		2	1M-6119	1	BOLT (5/16-18X1.375-IN)						
		2	1M-6120	1	NUT (5/16-18-THD)						
	29	2	291-7593	1	BRACKET AS						
	30	4	085-7329	2	SPACER (9X19X30-MM THK)						
	31	2	091-9035	1	SPACER (11X25X20-MM THK)						
	32	2,4	9X-8256	6	WASHER (6.6X12X2-MM THK)						
	33	2	132-5789	2	CLIP						
	34	2	4K-8864	1	CLIP						
	35	5	4P-7428	1	CLIP						
	36	2,3	4P-7581	4	CLIP						
	M	37	5C-7261	1	NUT (M8X1.25-THD)						
	M	38	5C-7883	4	BOLT-SOCKET HEAD (M6X1X16-MM)						
		39	5I-3878	1	GROMMET						
		40	5P-4116	5	WASHER-HARD (8.8X20.5X2-MM THK)						
		41	3,4	6G-2256	2	CLAMP					
		42	2,3,4	6G-2263	4	SPACER (10.5X19X28.5-MM THK)					
		43	2	6K-8178	4	CLIP					
	M	44	4	7X-0818	2	BOLT (M8X1.25X45-MM)					
	M	45	4	7X-2533	1	BOLT (M6X1X35-MM)					
	M	46	4	7X-2619	1	BOLT (M6X1X10-MM)					
	M	47	4	7X-2621	2	BOLT (M10X1.5X12-MM)					
		48	4	7Y-1924	2	SPACER (9X19X23-MM THK)					
	M	49	4	7Y-5226	1	NUT (M5X0.8-THD)					
		50	4	7Y-8165	1	GROMMET					
		51	5	7Y-8167	1	GROMMET					
		52	4	8J-1256	1	CLIP					

ELECTRICAL AND STARTING SYSTEM

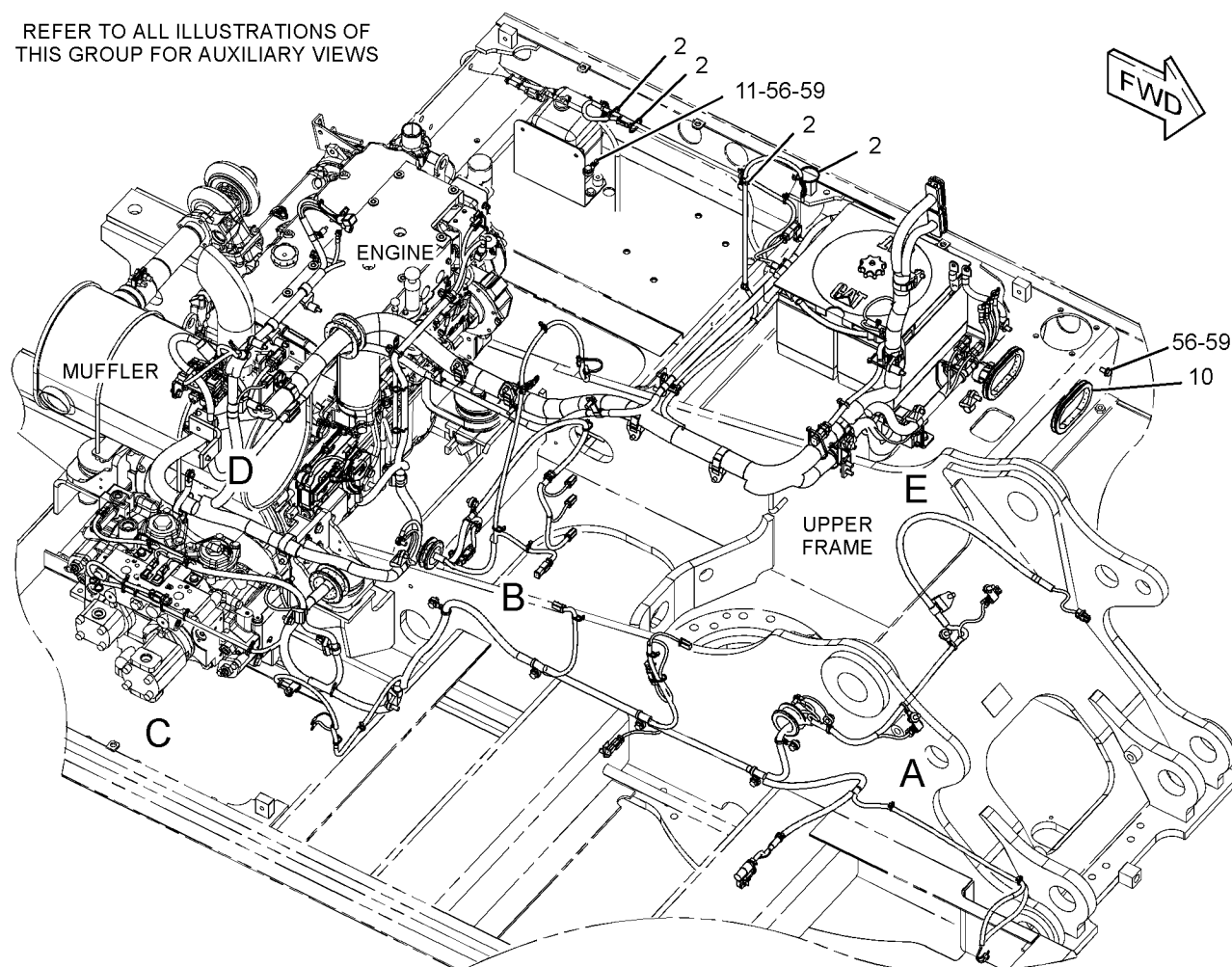
267-8000 BATTERY & WIRING GP (contd.)

i02771137

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	53	2	8M-2770	1	CLIP						
M	54	4	8T-0286	1	BOLT (M5X0.8X8-MM)						
	55	4	8T-0328	2	WASHER-HARD (5.5X10X1-MM THK)						
	56	1,2,3,4,5	8T-4121	60	WASHER-HARD (11X21X2.5-MM THK)						
M	57	2	8T-4133	1	NUT (M10X1.5-THD)						
M	58	2,3	8T-4136	10	BOLT (M10X1.5X25-MM)						
M	59	1,2,3,4,5	8T-4137	36	BOLT (M10X1.5X20-MM)						
M	60	2,4	8T-4182	2	BOLT (M10X1.5X45-MM)						
M	61	2,3	8T-4185	2	BOLT (M10X1.5X50-MM)						
M	62	2,4	8T-4191	3	BOLT (M10X1.5X16-MM)						
M	63	2,3,4	8T-4195	5	BOLT (M10X1.5X30-MM)						
M	64	2	8T-4196	1	BOLT (M10X1.5X35-MM)						
M	65	4	8T-4199	1	BOLT (M8X1.25X12-MM)						
	66	2	8T-4226	1	WASHER-PLATED (10.5X45X3-MM THK)						
M	67	3	8T-6466	1	BOLT (M10X1.5X60-MM)						
M	68	4	8T-6912	2	BOLT (M8X1.25X50-MM)						

E-ORDER BY THE CENTIMETER
M-METRIC PART

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



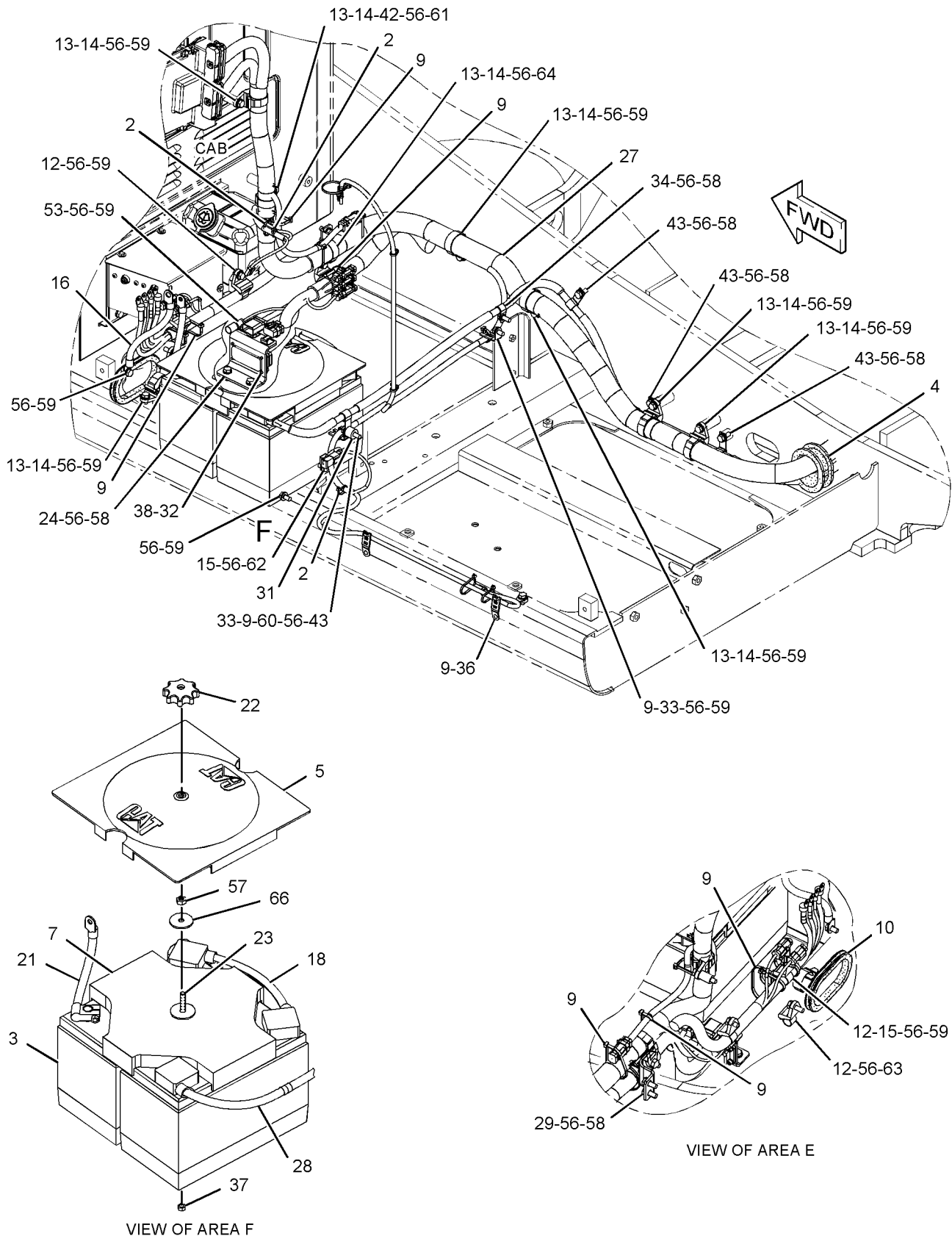
GRAPHIC #1

g01374697

ELECTRICAL AND STARTING SYSTEM

267-8000 BATTERY & WIRING GP (contd.)

i02771137



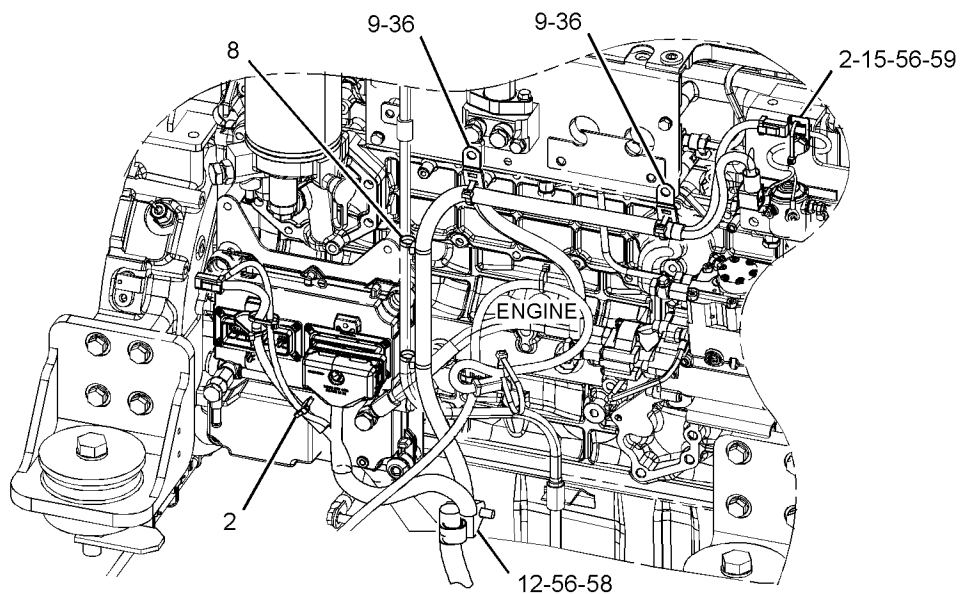
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g01374371

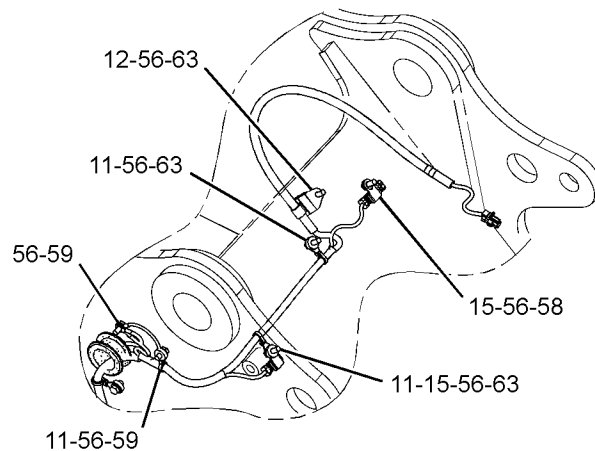
ELECTRICAL AND STARTING SYSTEM

267-8000 BATTERY & WIRING GP (contd.)

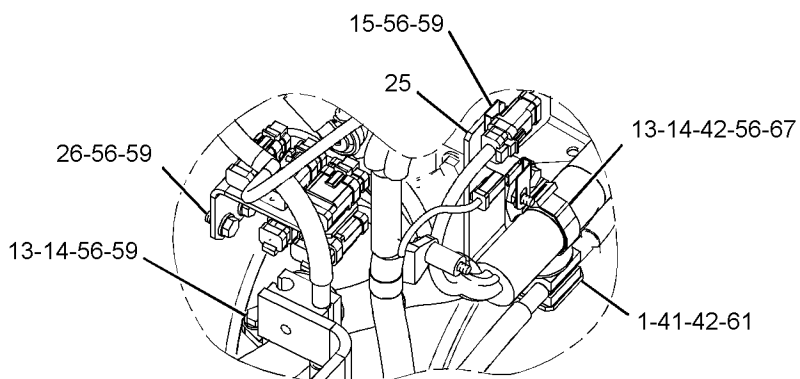
i02771137



FRONT VIEW
(UPPER LEFT)



VIEW OF AREA A



VIEW OF AREA D

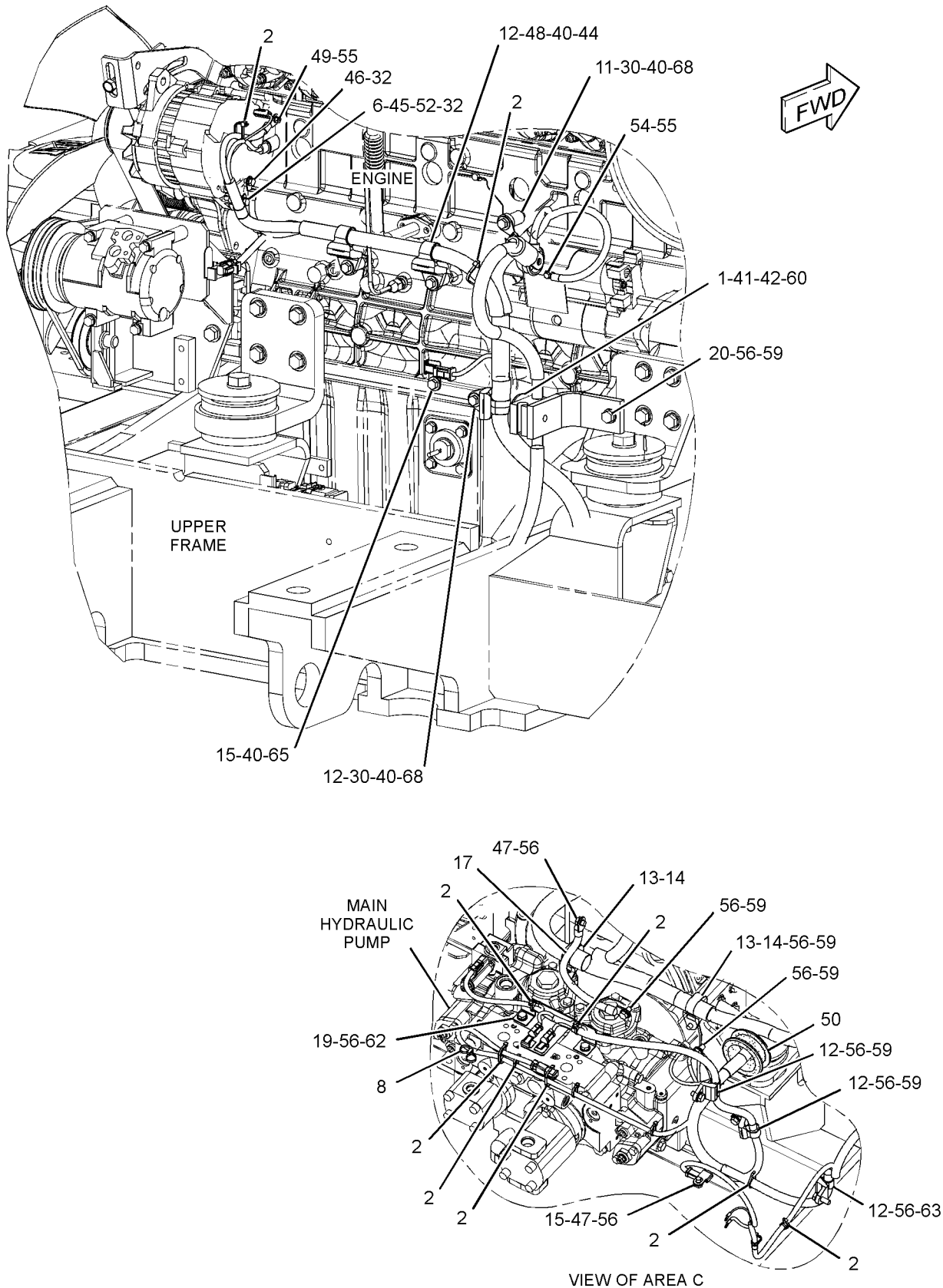
GRAPHIC #3

g01310502

ELECTRICAL AND STARTING SYSTEM

267-8000 BATTERY & WIRING GP (contd.)

i02771137



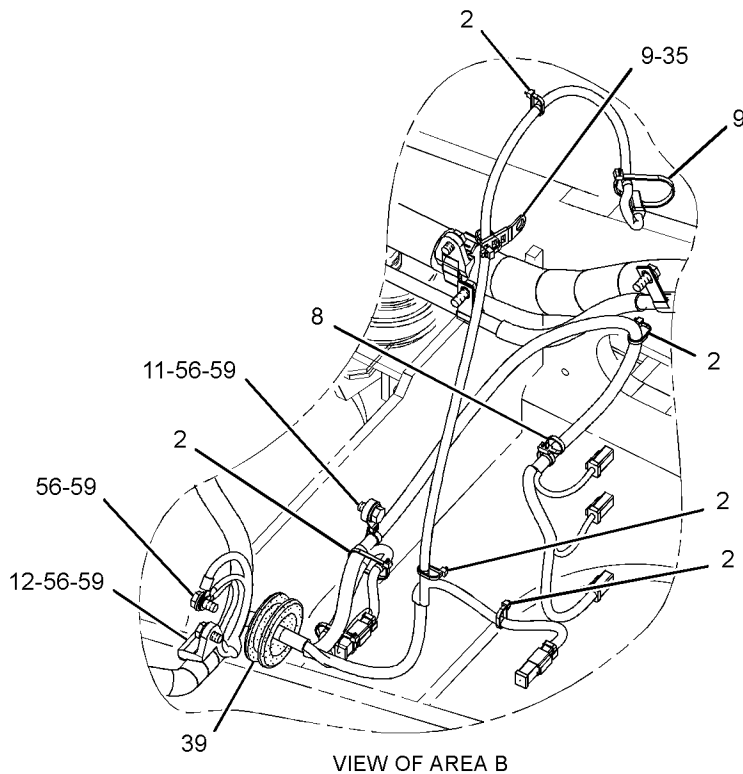
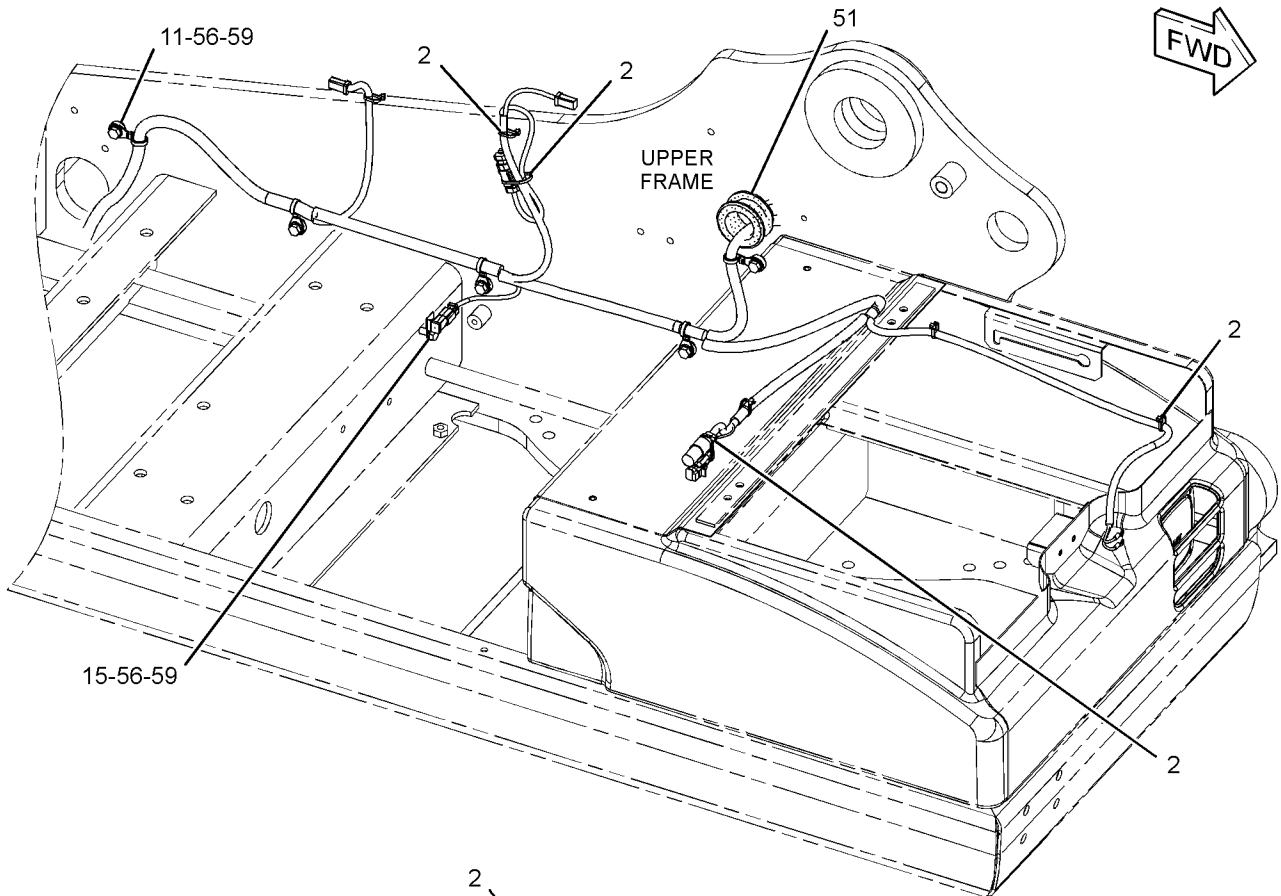
GRAPHIC #4

g01374768

ELECTRICAL AND STARTING SYSTEM

267-8000 BATTERY & WIRING GP (contd.)

i02771137



VIEW OF AREA B

GRAPHIC #5

<END>

g01310504

ELECTRICAL AND STARTING SYSTEM

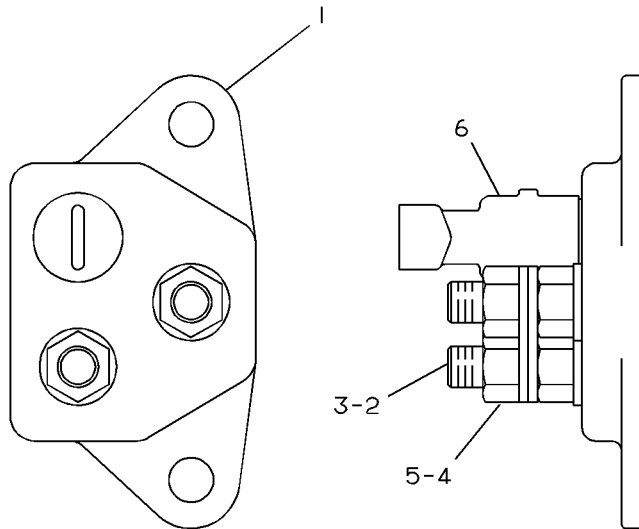
9W-0742 BLOCK GP - JUNCTION

S/N: A6F1-UP; A8F1-UP
PART OF 259-5051 WIRING GP-ENGINE
AN ATTACHMENT

SMCS-7426

i02203621

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8C-6358	1	BLOCK GP-JUNCTION (BATTERY)						
	2	1	8T-3519	3	BOLT-BRONZE (1/2-13X2-IN)						
	3	1	8C-6921	3	NUT-SPACER (1/2-13-THD)						
	4	1	8T-3518	6	NUT-FULL (1/2-13-THD)						
	5	1	7F-0560	6	WASHER (0.516X0.938X0.101-IN THK)						
BD	6	1	6V-2722		TUBE-HEAT SHRINK (25.4-MM DIA)						
B-USE AS REQUIRED											
D-ORDER BY THE METER											



GRAPHIC #1

<END>

g00082186

ELECTRICAL AND STARTING SYSTEM

247-5284 CONTROL & MTG GP-COMMUNICATION- PRODUCT LINK 300

S/N: A6F1-UP; A8F1-UP

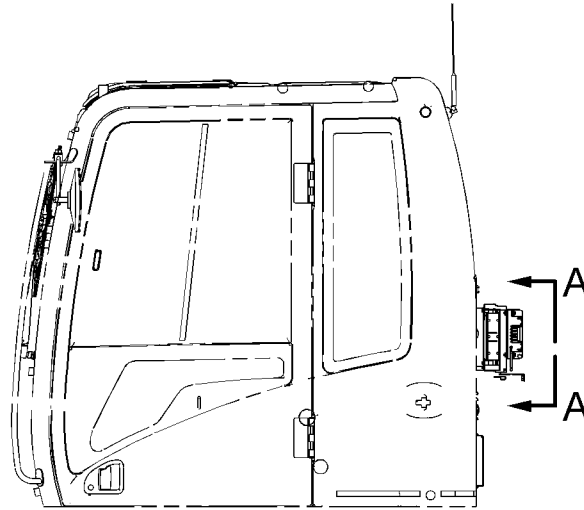
PART OF 264-8665 INSTALLATION AR-COMMUNICATION
AN ATTACHMENT

SMCS-7606

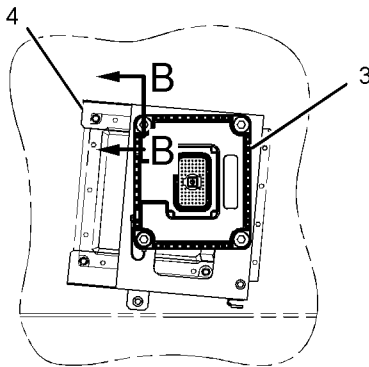
i02517206

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	8C-5608	4	SPACER (6.5X9.5X25.4-MM THK)	
	2	1	9X-9896	8	MOUNT (ISOLATION)	
Y	3	1	239-9954	1	CONTROL GP-UNPROGRAMMED (PRODUCT LINK 300)	130
	4	1	260-2042	1	BRACKET AS	
M	5	1	8C-8451	4	BOLT (M6X1X40-MM)	
	6	1	9X-6165	4	WASHER (6.5X22X2.5-MM THK)	

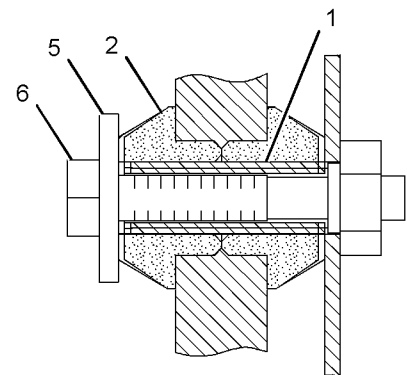
M-METRIC PART
Y-SEPARATE ILLUSTRATION



LEFT SIDE VIEW



VIEW A-A



SECTION B-B

GRAPHIC #1

<END>

g01126708

ELECTRICAL AND STARTING SYSTEM

296-4664 CONTROL & MTG GP-ENGINE ELEK

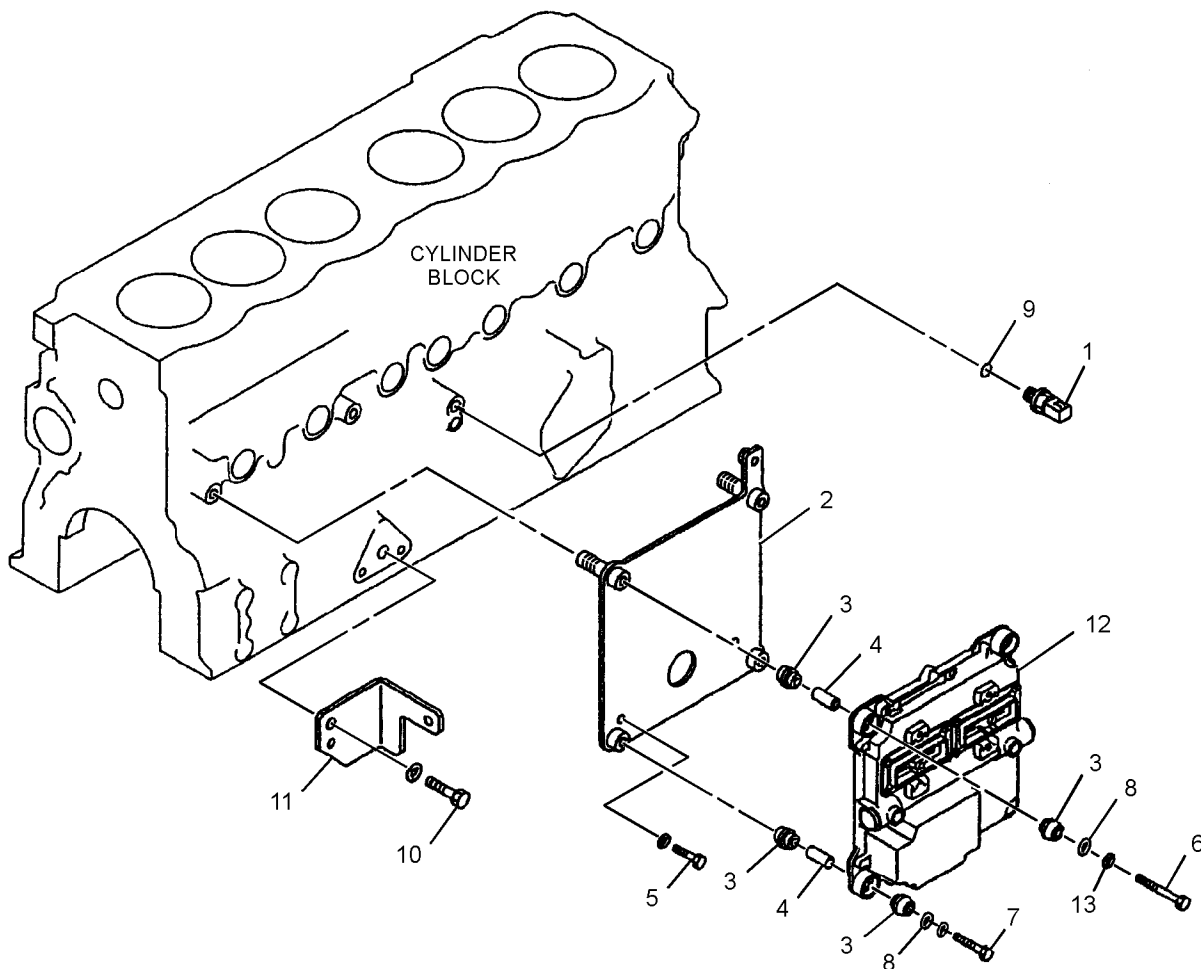
S/N: GDC1-UP
PART OF 272-4683 ENGINE AR
ALSO AN ATTACHMENT

SMCS-1901

i02783197

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	274-6721	1	SENSOR GP-PRESSURE (ENGINE OIL)						
	2	1	296-4632	1	BRACKET						
	3	1	155-0576	8	MOUNT-ISOLATION						
	4	1	6I-1418	4	SPACER (8.2X12.7X28.7-MM THK)						
	5	1	294-1775	2	BOLT (M10X1.5X23-MM)						
M	6	1	178-6577	2	BOLT (M8X1.25X100-MM)						
	7	1	270-6259	2	BOLT (M8X1.25X40-MM)						
	8	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)						
	9	1	294-1804	1	SEAL-O-RING						
M	10	1	8T-4137	1	BOLT (M10X1.5X20-MM)						
	11	1	296-4635	1	BRACKET						
	12	1	286-3683	1	CONTROL GP-UNPROGRAMMED						
	13	1	3B-4505	2	LOCKWASHER						

M-METRIC PART



GRAPHIC #1

<END>

g01356929

ELECTRICAL AND STARTING SYSTEM

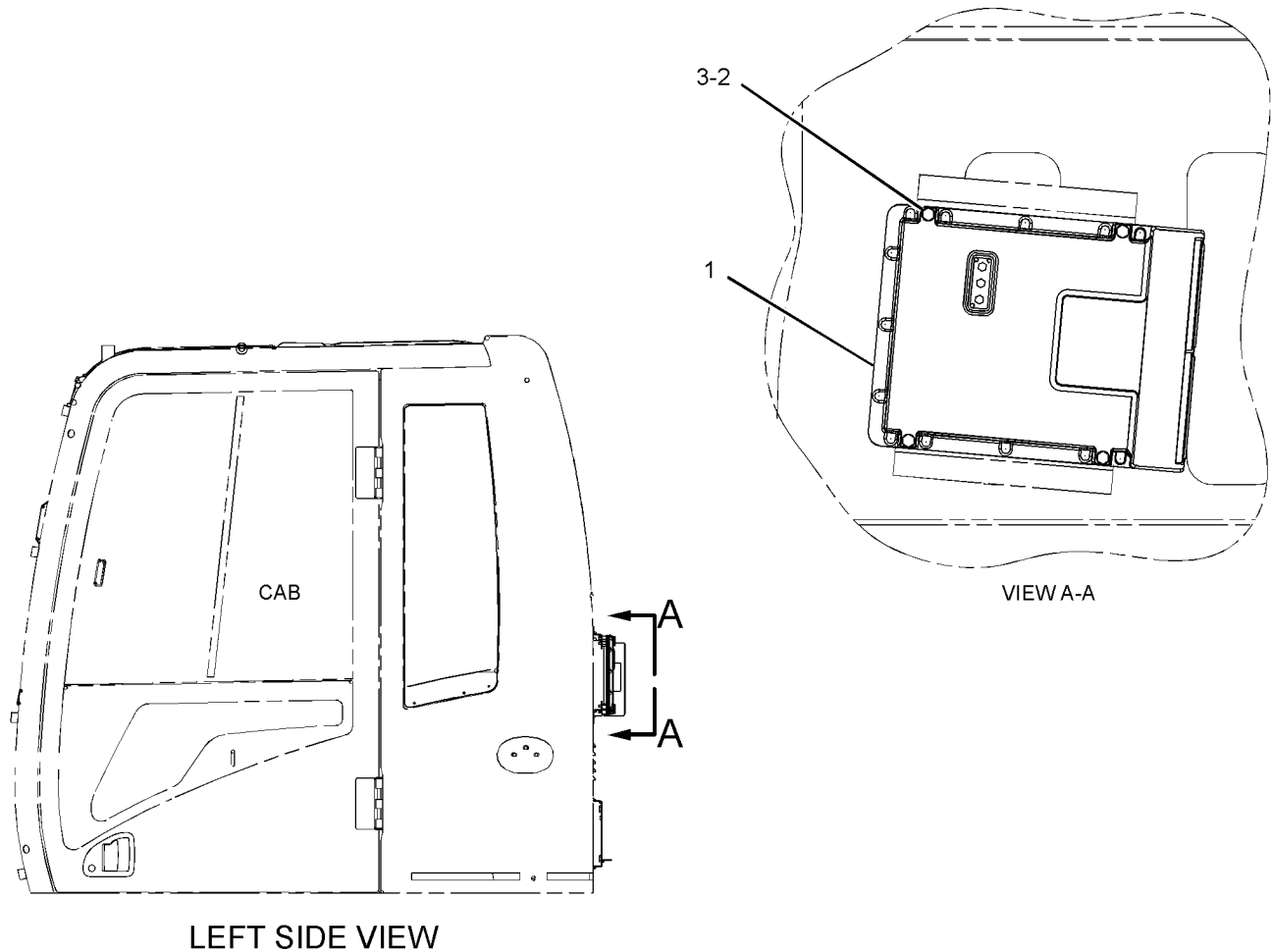
221-8872 CONTROL & MTG GP-MACHINE

S/N: A6F1-UP; A8F1-UP
PART OF 273-5387 OPERATOR AR

SMCS-1931, 7600

i02489587

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	221-8874	1	CONTROL GP-UNPROGRAMMED	
M	2	1	9X-2480	4	BOLT (M6X1X45-MM)	
	3	1	9X-8256	4	WASHER (6.6X12X2-MM THK)	
M-METRIC PART						



GRAPHIC #1

<END>

g01150750

ELECTRICAL AND STARTING SYSTEM

239 - 9954 CONTROL GP - UNPROGRAMMED

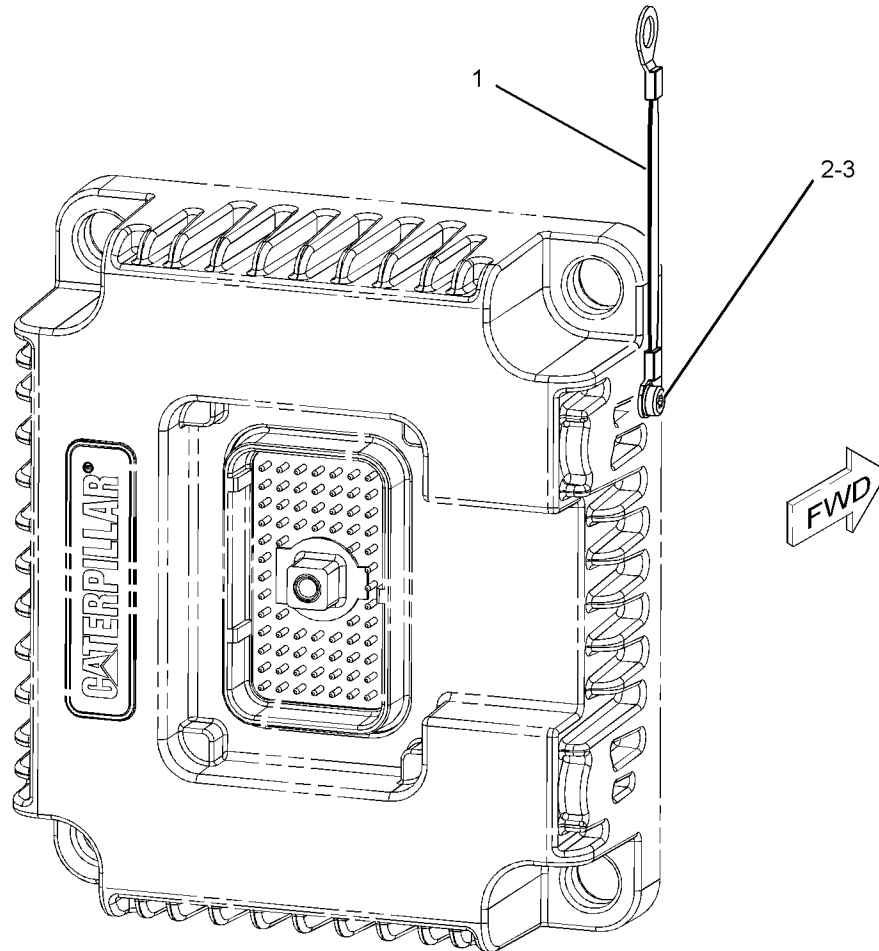
S/N: A6F1-UP; A8F1-UP

PART OF 247-5284 CONTROL & MTG GP-COMMUNICATION
AN ATTACHMENT

SMCS-7610

i02363021

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



GRAPHIC #1

<END>

g01145801

ELECTRICAL AND STARTING SYSTEM

262 - 2043 ELECTRONICS GP-COMMUNICATION- PRODUCT LINK 300

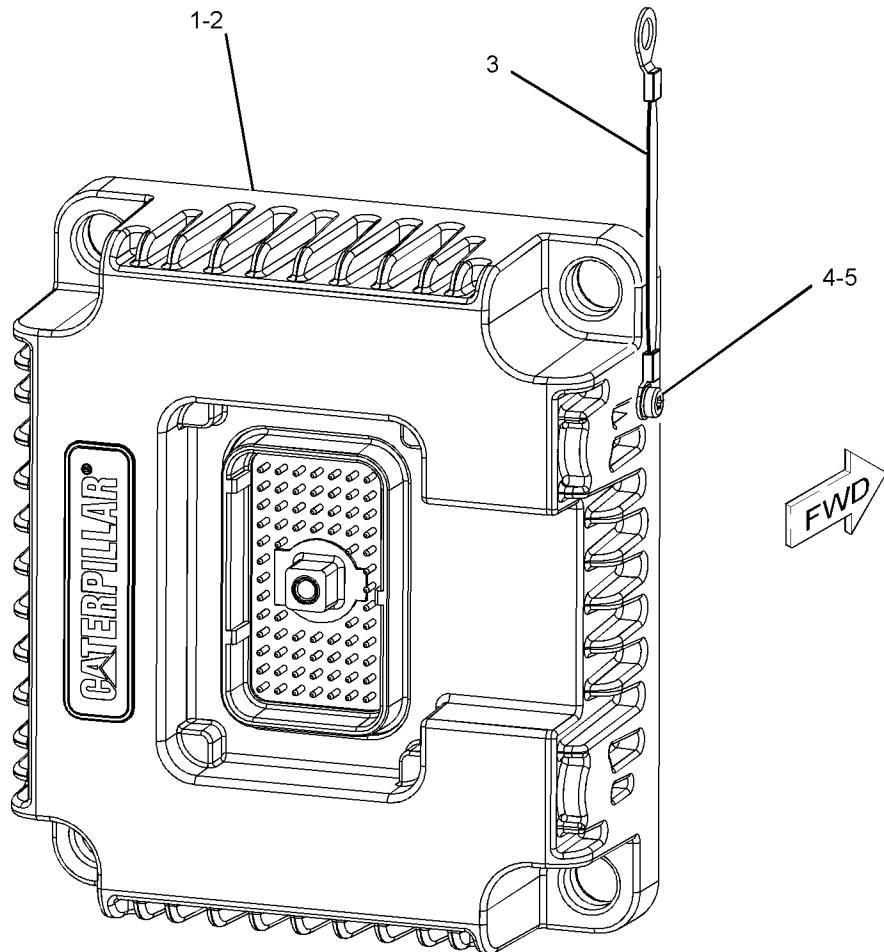
S/N: A6F1-UP; A8F1-UP

PART OF 264-8665 INSTALLATION AR-COMMUNICATION
AN ATTACHMENT

SMCS-7606, 7610, 7620

i02308909

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	265-9642	1	SOFTWARE GP-COMMUNICATION (PRODUCT LINK 300)	
					-OR-	
					(OPTIONAL SERVICE REPLACEMENT)	
	2	1	265-9643	1	SERVICE GP-COMMUNICATION (PRODUCT LINK 300)	
					(INCLUDES CONTROL GP AND SOFTWARE)	
	3	1	7X-6315	1	STRAP AS-GROUND	
	4	1	126-7574	1	SCREW-PAN HEAD (8-32X9.52-MM)	
	5	1	134-4126	1	WASHER (4.52X8.28X0.76-MM THK)	



GRAPHIC #1

<END>

g01157176

ELECTRICAL AND STARTING SYSTEM

270-5512 ELECTRONICS GP-MACHINE—MACHINE CONTROL

S/N: A6F1-UP; A8F1-UP

PART OF 264-8626, 264-8627 GENERAL AR

SMCS-7610, 7620

i02776622

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	270-5563	1	SOFTWARE GP-MACHINE						
			—OR—						
	270-5564	1	SERVICE GP-MACHINE						
			(OPTIONAL SERVICE REPLACEMENT) (INCLUDES CONTROL GP & SOFTWARE)						
			<END>						

221-8861 ELECTRONICS GP-MONITOR

S/N: A6F1-UP; A8F1-UP

PART OF 264-8626, 264-8627 GENERAL AR

SMCS-7490, 7601, 7610, 7620

i02768406

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	290-9514	1	SOFTWARE GP-MONITOR						
			—OR—						
Y	290-9515	1	SERVICE GP-MONITOR						156
			(OPTIONAL SERVICE REPLACEMENT) (PREPROGRAMMED MONITOR GROUP)						
Y-SEPARATE ILLUSTRATION									
<END>									

ELECTRICAL AND STARTING SYSTEM

251 - 0436 FASTENER GP-WIRING HARNESS

S/N: A6F1-UP; A8F1-UP

PART OF 259-7492, 259-7494 CONTROL AR-AUXILIARY
AN ATTACHMENT

SMCS-1408, 7553

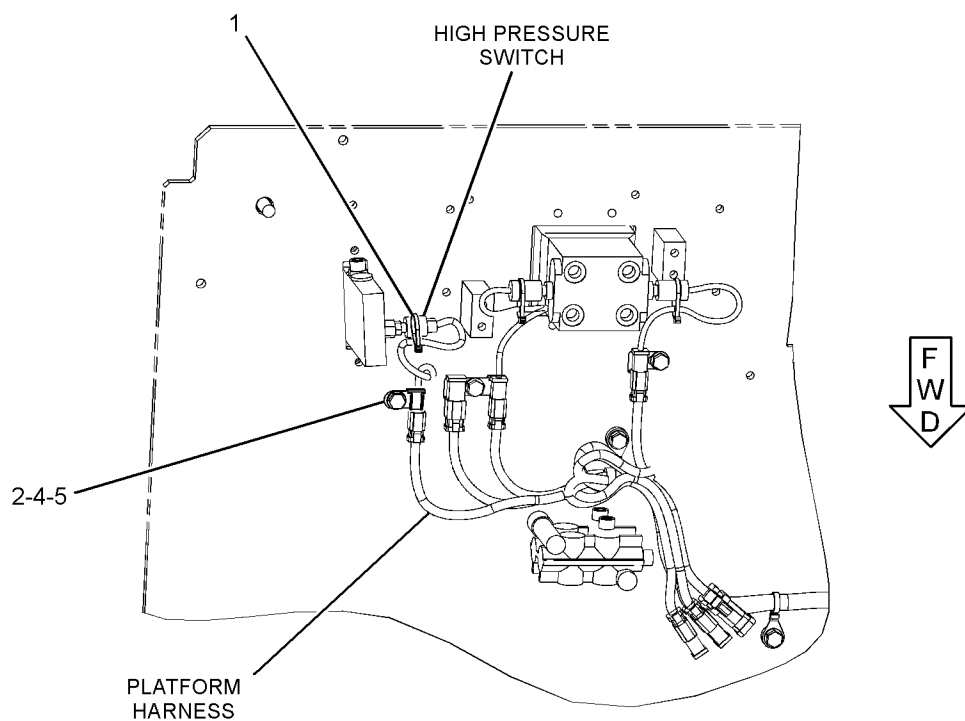
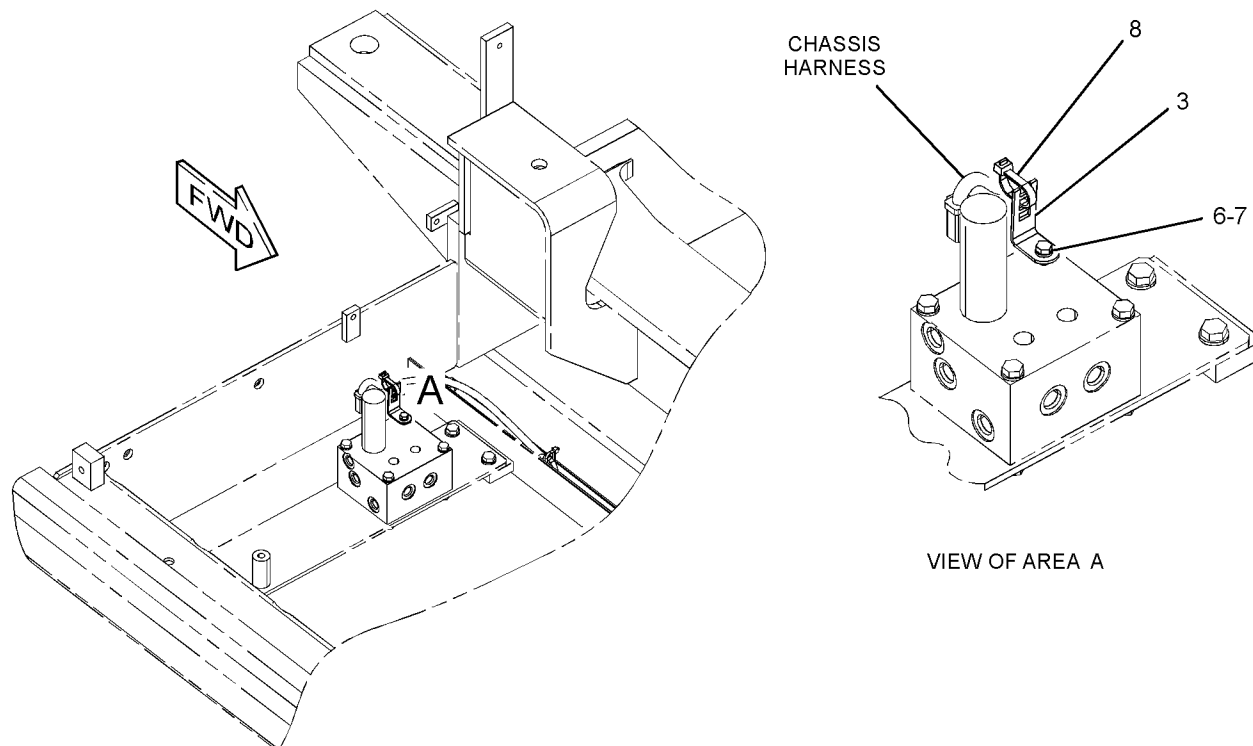
i02765706

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	1	STRAP - CABLE						
	2	1	116-0118	1	CLIP						
	3	1	156-6175	1	CLIP						
M	4	1	7X-2621	1	BOLT (M10X1.5X12-MM)						
	5	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						
M	6	1	8T-4171	1	BOLT (M6X1X12-MM)						
	7	1	9X-8256	1	WASHER (6.6X12X2-MM THK)						
	8	1	7K-1181	1	STRAP - CABLE						
M-METRIC PART											

ELECTRICAL AND STARTING SYSTEM

251-0436 FASTENER GP-WIRING HARNESS (contd.)

i02765706



BOTTOM VIEW

GRAPHIC #1

<END>

g01273033

ELECTRICAL AND STARTING SYSTEM

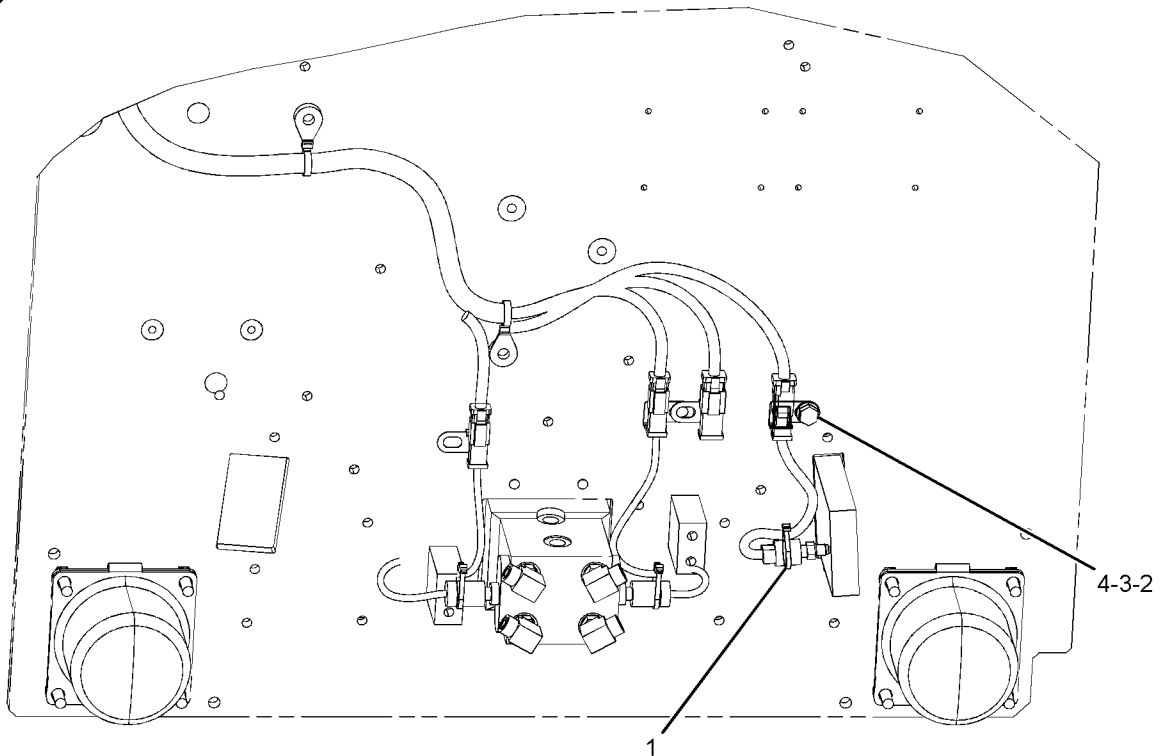
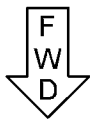
251-0526 FASTENER GP-WIRING HARNESS-STRAIGHT TRAVEL

S/N: A6F1-UP; A8F1-UP
PART OF 259-7178 PEDAL AR-AUXILIARY
AN ATTACHMENT

SMCS-1408, 7553

i02518074

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	1	STRAP - CABLE						
	2	1	116-0118	1	CLIP						
M	3	1	7X-2621	1	BOLT (M10X1.5X12-MM)						
	4	1	8T-4121	1	WASHER - HARD (11X21X2.5-MM THK)						
M-METRIC PART											



BOTTOM VIEW

GRAPHIC #1

<END>

g01190326

ELECTRICAL AND STARTING SYSTEM

259-5237 FASTENER GP-WIRING HARNESS-HEAVY LIFT

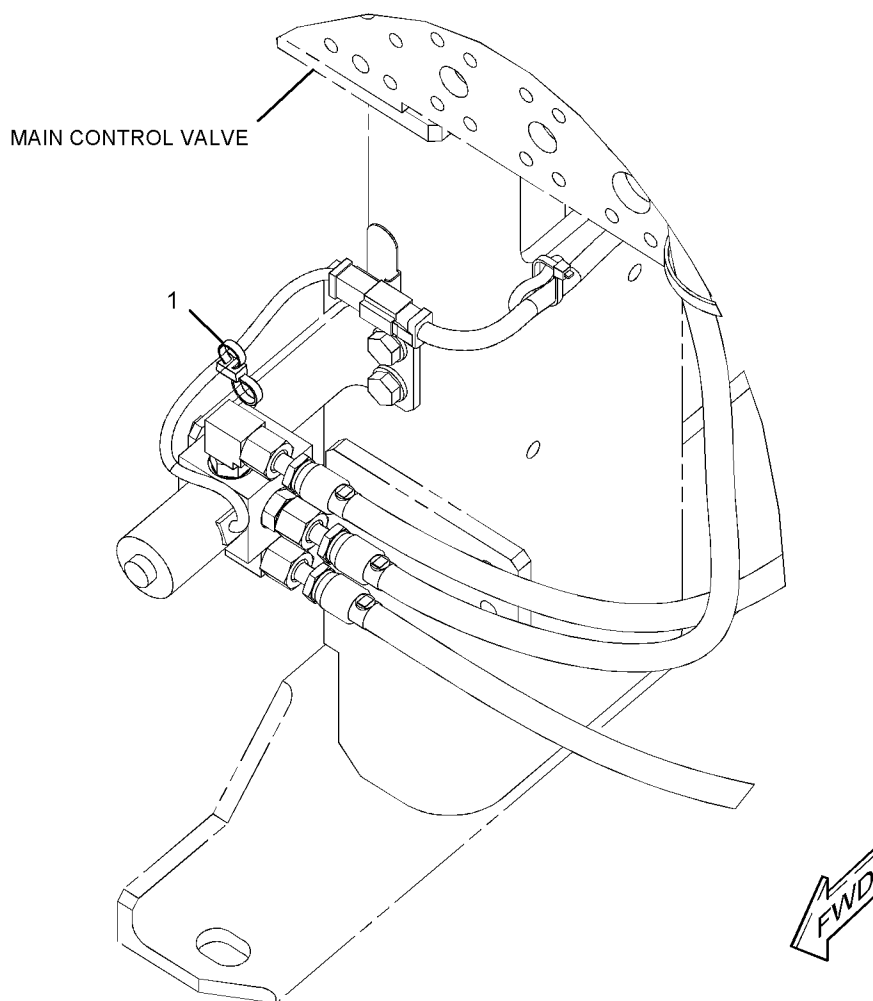
S/N: A6F1-UP; A8F1-UP

PART OF 240-3881 VALVE & LINES GP-HEAVY LIFT
AN ATTACHMENT

SMCS-1408, 7553

i02499398

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7I-2673	1	STRAP-CABLE						



GRAPHIC #1

<END>

g01200808

ELECTRICAL AND STARTING SYSTEM

264-8665 INSTALLATION AR-COMMUNICATION- PRODUCT LINK 321SR S/N: A6F1-UP; A8F1-UP AN ATTACHMENT

SMCS-7606

i02789449

NOTE	PART NUMBER	QTY	PART NAME	SEE PAGE
			1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	247-5284	1	CONTROL & MTG GP-COMMUNICATION (PRODUCT LINK 300)	127
Y	262-2043	1	ELECTRONICS GP-COMMUNICATION (PRODUCT LINK 300)	131
Y	270-5511	1	INSTALLATION GP-COMMUNICATION (PRODUCT LINK 121SR)	138
Y	290-9466	1	MOUNTING GP-ANTENNA (PRODUCT LINK)	701
Y	267-8007	1	WIRING GP-COMMUNICATION (PRODUCT LINK 321SR)	183
Y-SEPARATE ILLUSTRATION				

<END>

264-8666 INSTALLATION AR-COMMUNICATION- PRODUCT LINK 121SR S/N: A6F1-UP; A8F1-UP AN ATTACHMENT

SMCS-7606

i02789397

NOTE	PART NUMBER	QTY	PART NAME	SEE PAGE
			1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	270-5511	1	INSTALLATION GP-COMMUNICATION (PRODUCT LINK 121SR)	138
Y	290-9466	1	MOUNTING GP-ANTENNA (PRODUCT LINK)	701
Y	267-8008	1	WIRING GP-COMMUNICATION (PRODUCT LINK 121SR)	185
Y-SEPARATE ILLUSTRATION				

<END>

ELECTRICAL AND STARTING SYSTEM

270-5511 INSTALLATION GP-COMMUNICATION- PRODUCT LINK 121SR

S/N: A6F1-UP; A8F1-UP

PART OF 264-8665, 264-8666 INSTALLATION AR-COMMUNICATION
AN ATTACHMENT

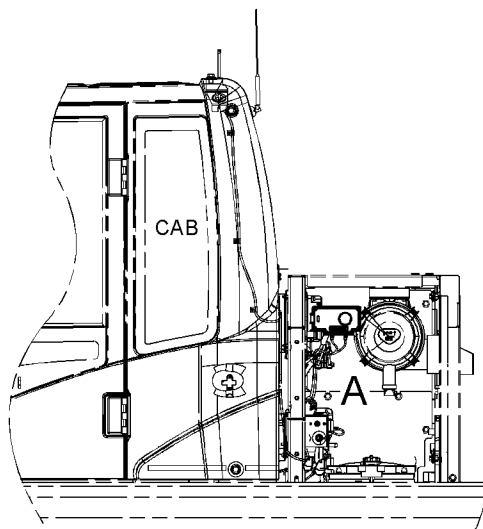
SMCS-7606

i02789444

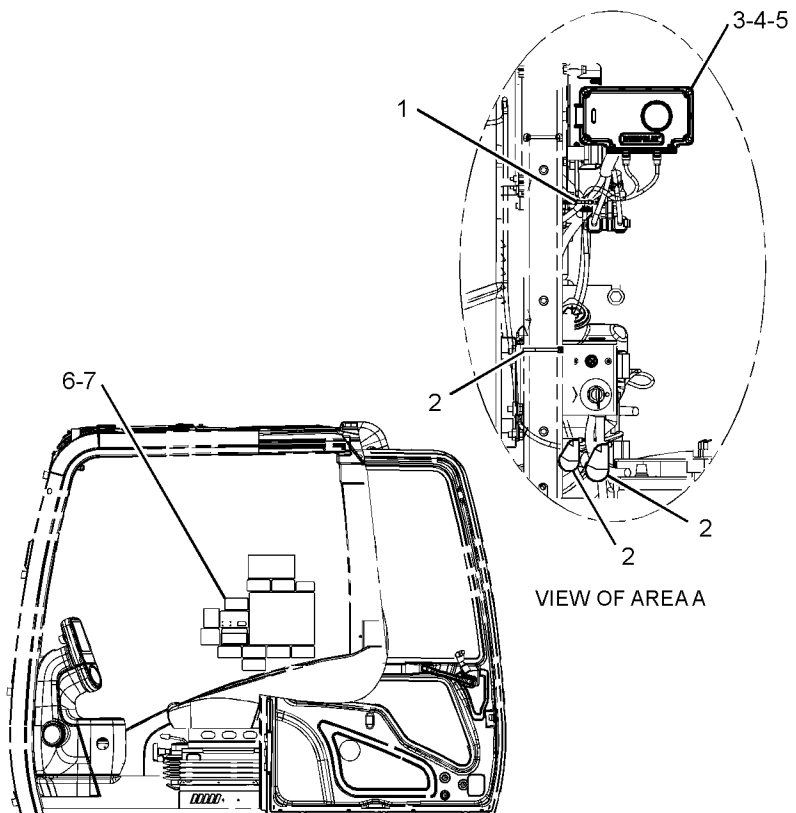
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	1	STRAP-CABLE						
	2	1	7K-1181	3	STRAP-CABLE						
Y	3	1	263-9088	1	RADIO GP-COMMUNICATION (PRODUCT LINK 121SR)						707
M	4	1	8T-4138	4	BOLT (M6X1X20-MM)						
	5	1	9X-8256	4	WASHER (6.6X12X2-MM THK)						
	6	1	230-1340	1	FILM-WARNING (PRODUCT LINK RADIO, U.S.)						
	7	1	230-1341	1	FILM-WARNING (PRODUCT LINK RADIO, INTL)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



LEFT SIDE VIEW



LEFT SIDE VIEW
(CAB)

GRAPHIC #1

<END>

g01342214

ELECTRICAL AND STARTING SYSTEM

153-2521 LAMP GP - FLOOD

S/N: A6F1-UP; A8F1-UP

24 VOLT. VERTICAL

PART OF 259-5043, 267-7627 LIGHTING GP-FLOOD

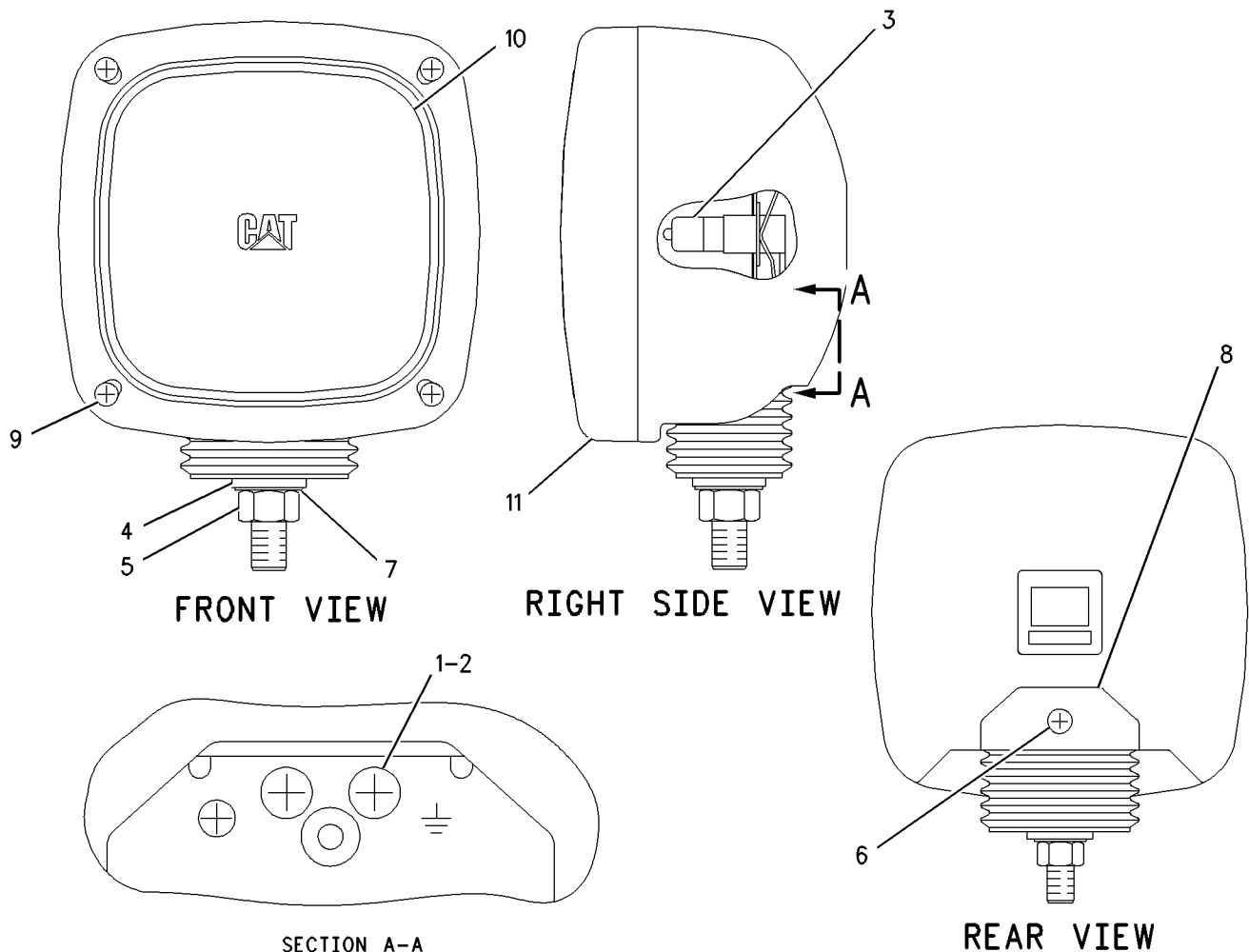
AN ATTACHMENT

SMCS-1434

i01207430

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	6V-5210	2	SCREW-MACHINE (M4X0.7X10-MM)						
	2	1	3B-4501	2	LOCKWASHER						
	3	1	9X-3463	1	LAMP-HALOGEN (24-VOLT, 65-WATT)						
	4	1	8T-4223	1	WASHER-HARD (13.5X25.5X3-MM THK)						
M	5	1	8T-4244	1	NUT (M12X1.75-THD)						
M	6	1	174-7791	1	SCREW-TAPPING						
	7	1	5C-2889	1	LOCKWASHER						
	8	1	170-6993	1	COVER						
M	9	1	180-3861	4	SCREW-TAPPING						
	10	1	170-9417	1	LENS AS						
	11	1	170-9418	1	BAND						

M-METRIC PART



GRAPHIC #1

<END>

g00645979

ELECTRICAL AND STARTING SYSTEM

153-2523 LAMP GP - FLOOD

S/N: A6F1-UP; A8F1-UP

24V. HORIZONTAL

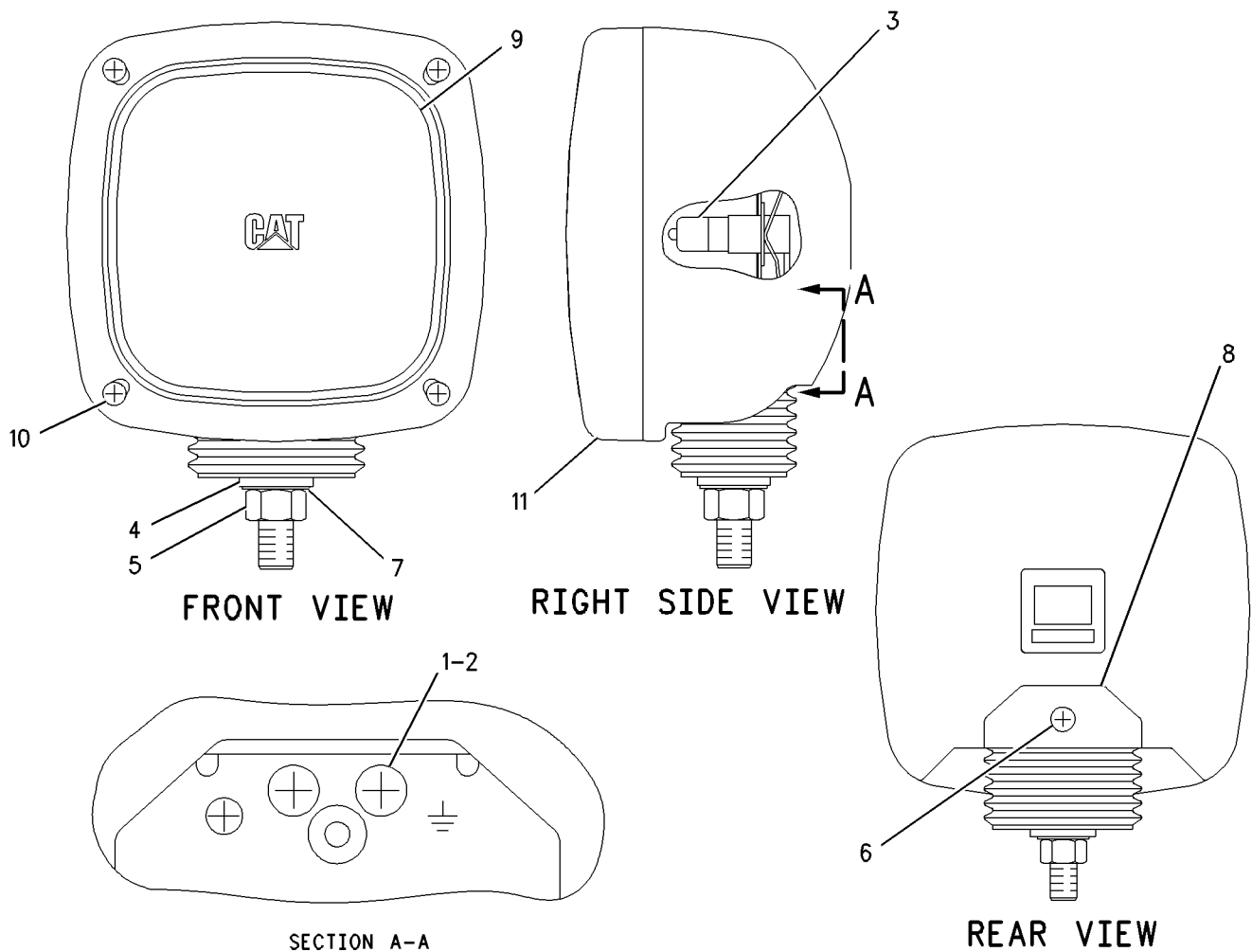
PART OF 4I-5409 LIGHTING GP-CHASSIS

SMCS-1434

i01694989

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	6V-5210	2	SCREW-MACHINE (M4X0.7X10-MM)						
	2	1	3B-4501	2	LOCKWASHER						
	3	1	9X-3463	1	LAMP-HALOGEN (24-VOLT, 65-WATT)						
	4	1	8T-4223	1	WASHER-HARD (13.5X25.5X3-MM THK)						
M	5	1	8T-4244	1	NUT (M12X1.75-THD)						
M	6	1	174-7791	1	SCREW-TAPPING						
	7	1	5C-2889	1	LOCKWASHER						
	8	1	170-6993	1	COVER						
	9	1	170-9417	1	LENS AS						
M	10	1	180-3861	4	SCREW-TAPPING						
	11	1	170-9418	1	BAND						

M-METRIC PART



GRAPHIC #1

<END>

g00872744

ELECTRICAL AND STARTING SYSTEM

4I-5409 LIGHTING GP-CHASSIS

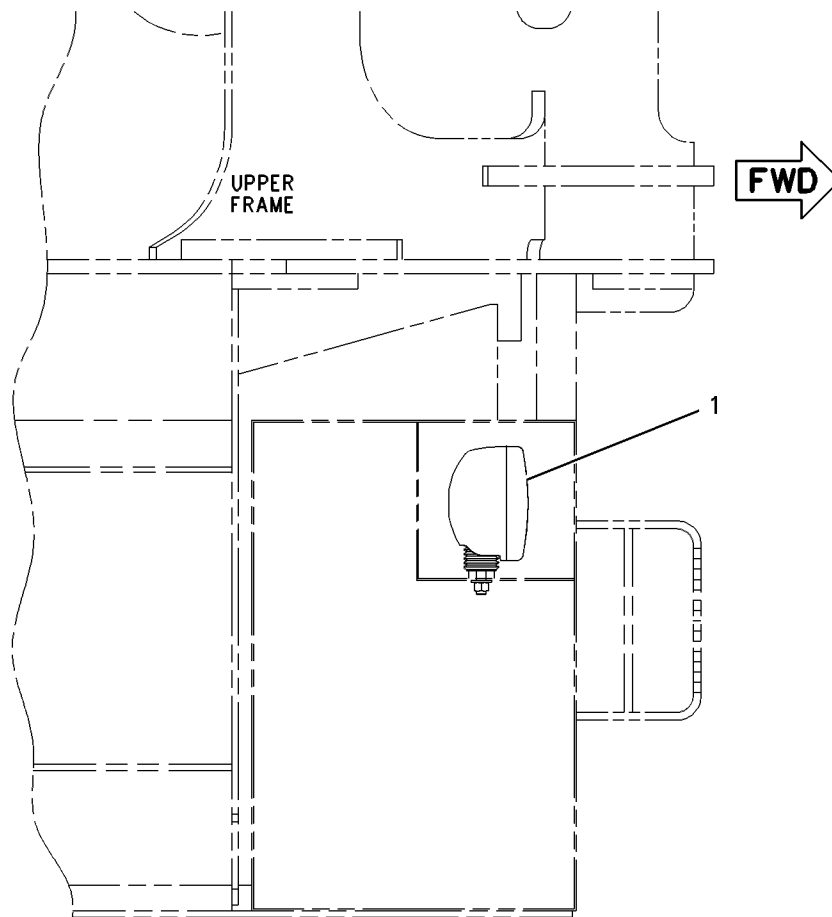
S/N: A6F1-UP; A8F1-UP

PART OF 264-8638, 264-8639 CHASSIS AR

SMCS-1429

i02770334

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	153-2523	1	LAMP GP-FLOOD (24-VOLT)	140
Y-SEPARATE ILLUSTRATION						



TOP VIEW

GRAPHIC #1

<END>

g00588573

ELECTRICAL AND STARTING SYSTEM

163-6772 LIGHTING GP - FLOOD-CAB

S/N: A6F1-UP; A8F1-UP

AN ATTACHMENT

SMCS-1434

i02191879

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	163-6814	1	COVER (RH)						
	2	1	163-6813	1	COVER (LH)						
M	3	1	8T-4970	4	BOLT (M6X1X14-MM)						
	4	1	9X-8256	12	WASHER (6.6X12X2-MM THK)						
	5	1	167-3441	2	LAMP GP - FLOOD						
					(EACH INCLUDES)						
		1	9X-3463	1	LAMP - HALOGEN (24-VOLT, 65-WATT)						
	6	1	167-3437	1	BRACKET AS (LH)						
M	7	1	8T-6411	6	SCREW-MACHINE (M6X1X12-MM)						
	8	1	167-3456	2	HARNESS AS - LIGHTING (CAB FLOODLIGHT)						
	9	1	167-3438	1	BRACKET AS (RH)						
	10	1	163-6795	2	STRAP - CABLE						
B	11	1	9X-8256	4	WASHER (6.6X12X2-MM THK)						
M	12	1	8T-6412	2	SCREW-MACHINE (M6X1X20-MM)						

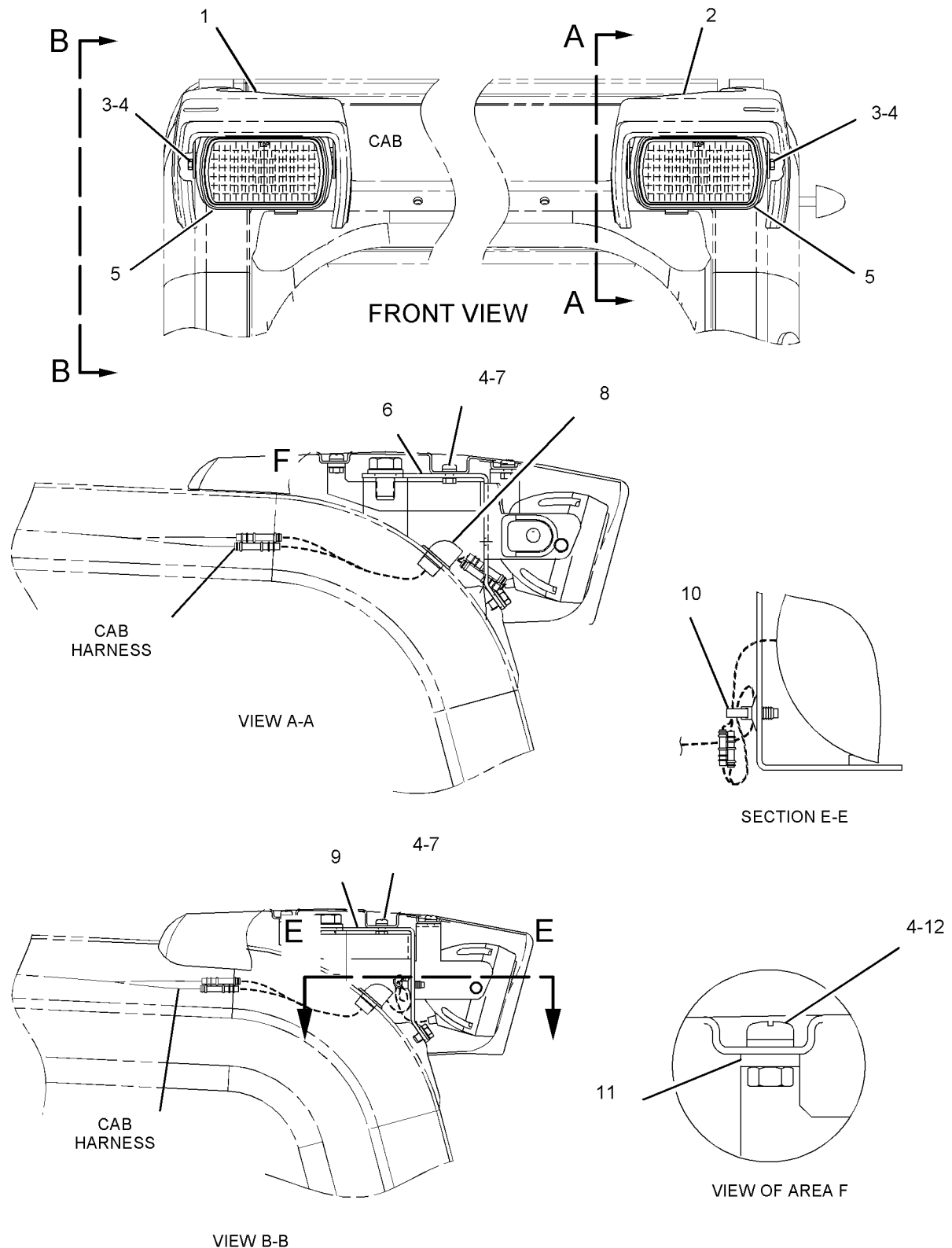
B-USE AS REQUIRED

M-METRIC PART

ELECTRICAL AND STARTING SYSTEM

163-6772 LIGHTING GP - FLOOD (contd.)

i02191879



GRAPHIC #1

<END>

g01116696

ELECTRICAL AND STARTING SYSTEM

259-5043 LIGHTING GP-FLOOD-BOOM, LH

S/N: A6F1-UP; A8F1-UP

PART OF 240-3828, 240-3830 BOOM AR-1 PIECE LONG
AN ATTACHMENT

SMCS-1434

i02794023

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7I-2673	1	STRAP-CABLE						
	2	1	111-4836	4	CLIP						
	3	1	116-0118	1	CLIP						
Y	4	1	153-2521	1	LAMP GP-FLOOD (24-VOLT)						139
	5	1	259-5326	1	HARNESS AS-LIGHTING (BOOM, LH)						
		1	243-4505	1	RECEPTACLE AS-CONNECTOR (2-PIN)						
	6	1	111-4837	1	CLIP						
	7	1	134-3284	1	BRACKET						
	8	1	5P-9297	2	CLIP						
	9	1	8T-4121	5	WASHER-HARD (11X21X2.5-MM THK)						
M	10	1	8T-4133	5	NUT (M10X1.5-THD)						
M	11	1	8T-4190	1	BOLT (M16X2X25-MM)						
	12	1	9X-8257	1	WASHER (17.5X30X3.5-MM THK)						

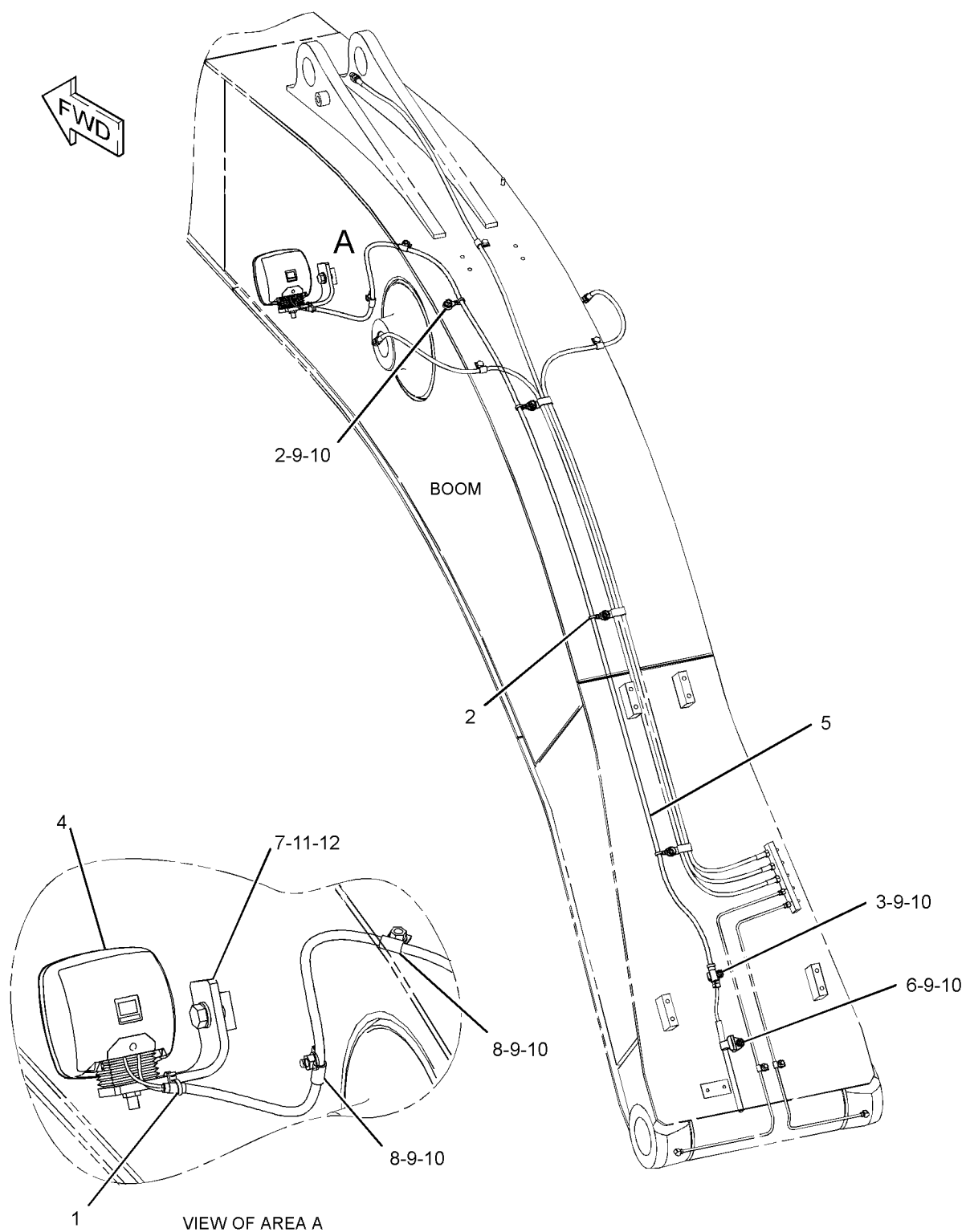
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

259-5043 LIGHTING GP-FLOOD (contd.)

i02794023



GRAPHIC #1

<END>

g01226436

ELECTRICAL AND STARTING SYSTEM

267-7627 LIGHTING GP-FLOOD-SHORT BOOM, LH

S/N: A6F1-UP; A8F1-UP
PART OF 240-3833 BOOM AR
AN ATTACHMENT

SMCS-1434

i02793714

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7I-2673	1	STRAP-CABLE						
	2	1	111-4836	4	CLIP						
	3	1	116-0118	1	CLIP						
Y	4	1	153-2521	1	LAMP GP-FLOOD (24-VOLT)						139
	5	1	267-7628	1	HARNESS AS-LIGHTING (SHORT BOOM, LH)						
		1	243-4505	1	RECEPTACLE AS-CONNECTOR (2-PIN)						
	6	1	111-4837	1	CLIP						
	7	1	134-3284	1	BRACKET						
	8	1	5P-9297	2	CLIP						
	9	1	8T-4121	5	WASHER-HARD (11X21X2.5-MM THK)						
M	10	1	8T-4133	5	NUT (M10X1.5-THD)						
M	11	1	8T-4190	1	BOLT (M16X2X25-MM)						
	12	1	9X-8257	1	WASHER (17.5X30X3.5-MM THK)						

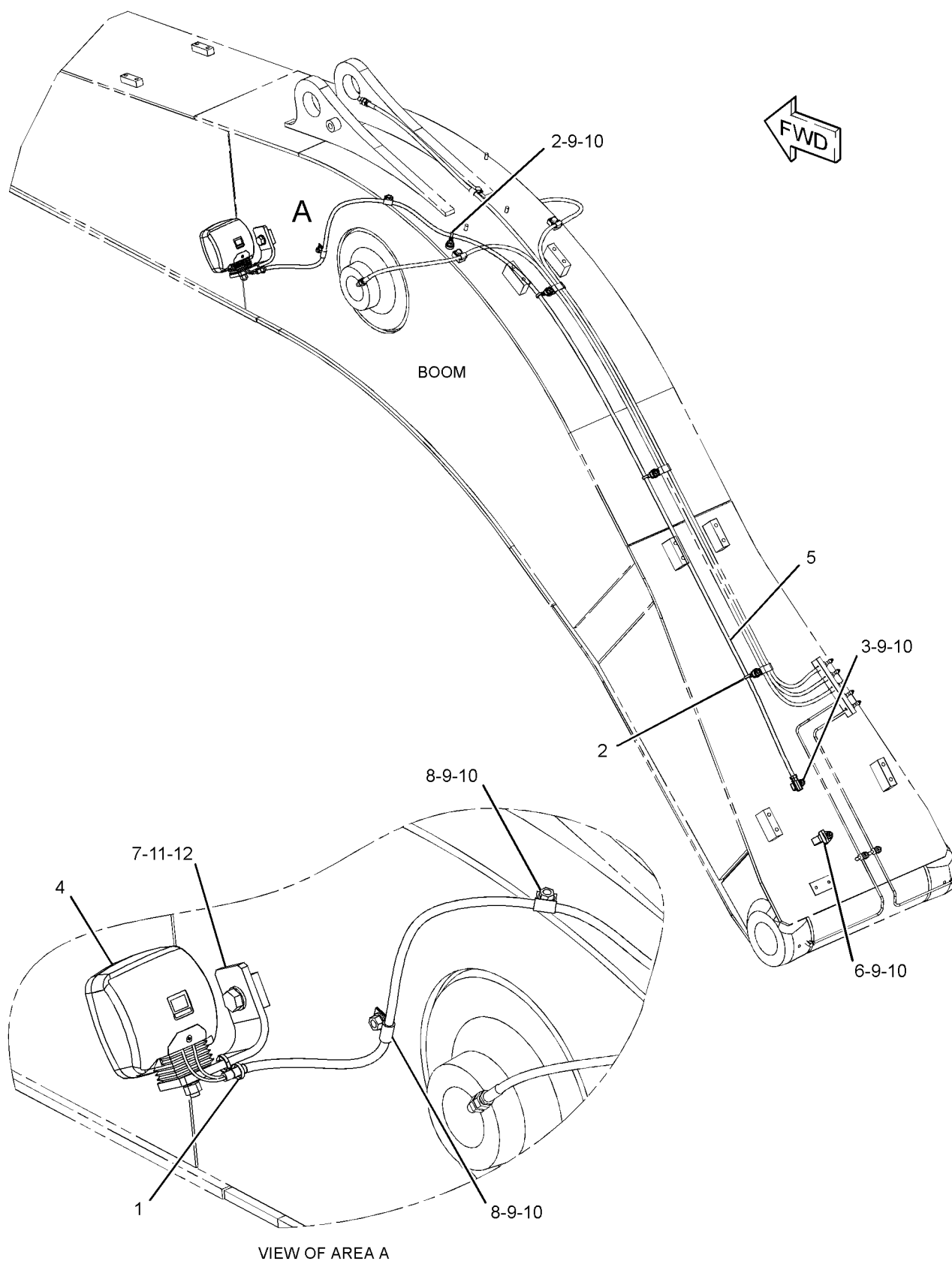
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

267-7627 LIGHTING GP-FLOOD (contd.)

i02793714



GRAPHIC #1

<END>

g01229074

ELECTRICAL AND STARTING SYSTEM

259-5176 PANEL & MTG GP-CIRCUIT BREAKER

S/N: A6F1-UP; A8F1-UP
PART OF 273-5387 OPERATOR AR

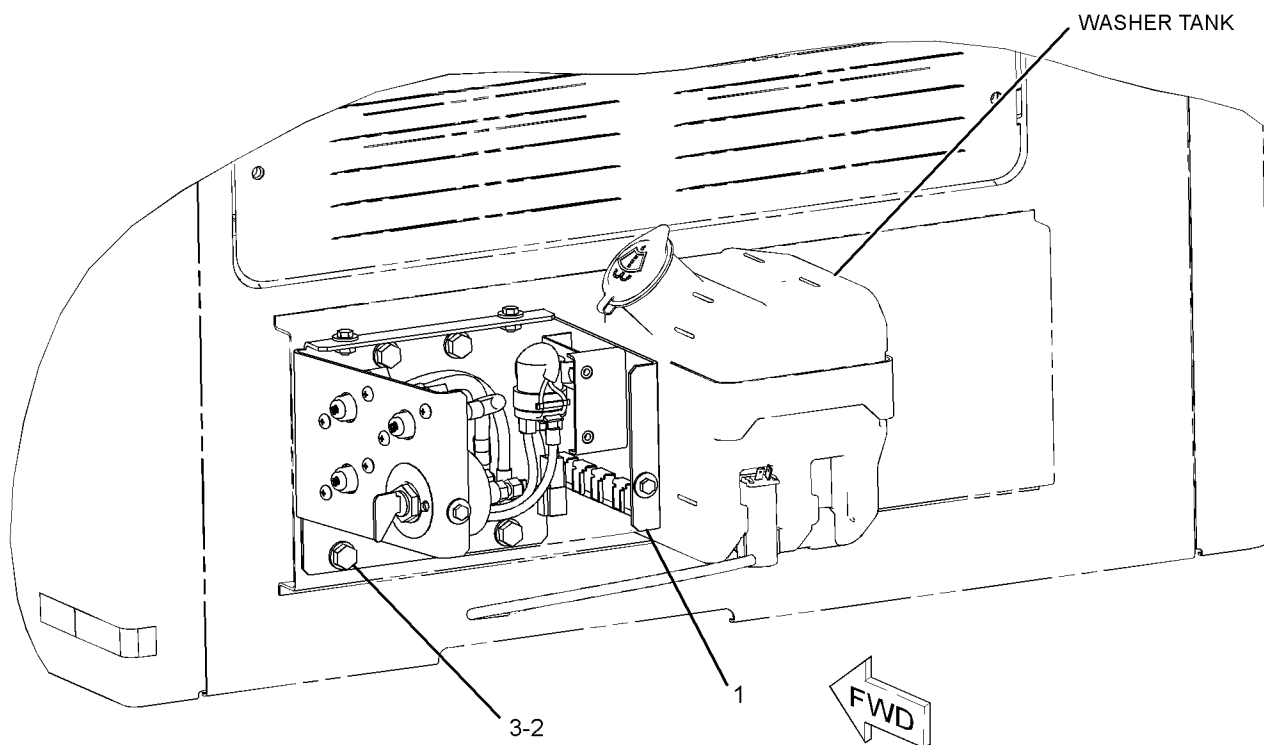
SMCS-1417, 1420

i02773250

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	259-5177	1	PANEL GP-CIRCUIT BREAKER	149
	2	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)	
M	3	1	8T-4137	4	BOLT (M10X1.5X20-MM)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01193327

ELECTRICAL AND STARTING SYSTEM

259-5177 PANEL GP-CIRCUIT BREAKER

S/N: A6F1-UP; A8F1-UP

PART OF 259-5176 PANEL & MTG GP-CIRCUIT BREAKER

SMCS-1417

i02773267

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3E-8320	1	PLATE-INSTRUCTION (BATTERY)						
Y	2	1	7N-0719	1	SWITCH GP-DISCONNECT (BATTERY)						159
	3	1	121-1023	1	BLOCK-TERMINAL						
	4	1	171-2208	1	CIRCUIT BREAKER AS (60-AMPERE) (ALTERNATOR)						
		1	6V-8187	2	NUT (1/4-28-THD)						
		1	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)						
		1	253-2111	2	LOCKWASHER						
5	1	1	216-4970	1	CIRCUIT BREAKER AS (120-AMPERE) (HEATER)						
		1	6V-8187	2	NUT (1/4-28-THD)						
		1	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)						
		1	253-2111	2	LOCKWASHER						
6	1	1	291-7547	1	BRACKET AS						
7	1	1	238-2280	1	WIRE AS						
8	1	1	234-1037	1	WIRE AS						
9	1	1	234-1038	1	WIRE AS						
10	1	1	238-1506	1	COVER						
11	1	1	238-2279	1	BAR-BUS						
12	1	1	234-1035	1	CABLE AS						
13	1	1	251-0303	1	CABLE AS						
14	1	1	251-0304	1	CABLE AS						
					(EACH CABLE AS INCLUDES)						
D		1	6V-2369		WIRE (4-GA, BLACK) (1-M)						
E		1	125-7876		TUBE-HEAT SHRINK (17.78-MM DIA) (4-CM)						
		1	9G-4343	2	TERMINAL (4-GA)						
Y	15	1	259-5274	1	SWITCH GP-MAGNETIC (24-VOLT) (START RELAY)						161
	16	1	171-2210	1	CIRCUIT BREAKER AS (80-AMPERE) (MAIN)						
		1	6V-8187	2	NUT (1/4-28-THD)						
		1	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)						
		1	253-2111	2	LOCKWASHER						
M	17	1	5C-9553	5	BOLT (M6X1X16-MM)						
	18	1	5P-4115	4	WASHER-HARD (7.2X19X2-MM THK)						
	19	1	6V-5645	6	SCREW-MACHINE (10-32X0.87-IN)						
	20	1	8T-0328	6	WASHER-HARD (5.5X10X1-MM THK)						
M	21	1	8T-4171	4	BOLT (M6X1X12-MM)						
M	22	1	8T-4970	4	BOLT (M6X1X14-MM)						
	23	1	9X-8256	9	WASHER (6.6X12X2-MM THK)						

D-ORDER BY THE METER

E-ORDER BY THE CENTIMETER

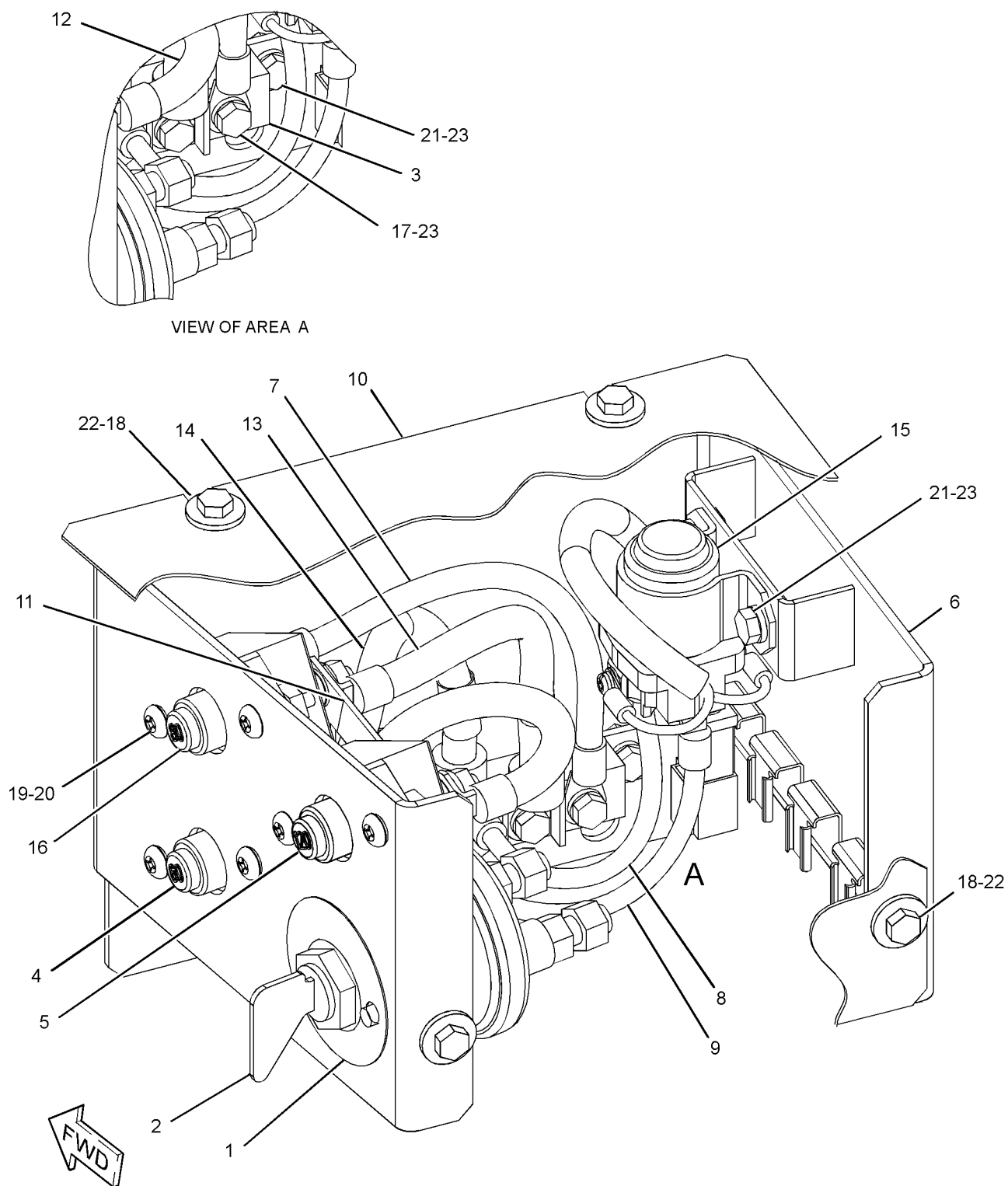
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

259-5177 PANEL GP-CIRCUIT BREAKER (contd.)

i02773267



GRAPHIC #1

<END>

g01391828

ELECTRICAL AND STARTING SYSTEM

251-0542 PANEL GP-SWITCH-ENGINE SPEED, START

S/N: A6F1-UP; A8F1-UP

PART OF 274-7466 CONSOLE GP-OPERATOR

SMCS-1408, 1429, 7332, 7451

i02500474

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	3S-2093	4	STRAP-CABLE	
Y	2	1	9G-7641	1	SWITCH GP-START (ENGINE, KEY)	165
Y	3	1	106-0107	1	SWITCH GP-ROTARY (THROTTLE POSITION)	164
	4	1	170-9324	1	LAMP AS (24-VOLT, 3-WATT)	
	5	1	185-9208	1	KNOB AS (THROTTLE POSITION)	
	6	1	234-1156	1	COVER	
	7	1	234-1158	1	COVER	
	8	1	267-7976	1	PANEL	
	9	1	251-0543	1	HARNESS AS-CONSOLE (RH)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)	
					(EACH CONNECTING PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
	10	1	096-6166	4	WASHER-HARD (4.5X9X1-MM THK)	
	11	1	119-5026	4	SCREW-PAN HEAD (10-16X0.63-IN)	
M	12	1	6V-9491	4	SCREW-MACHINE (M4X0.7X20-MM)	

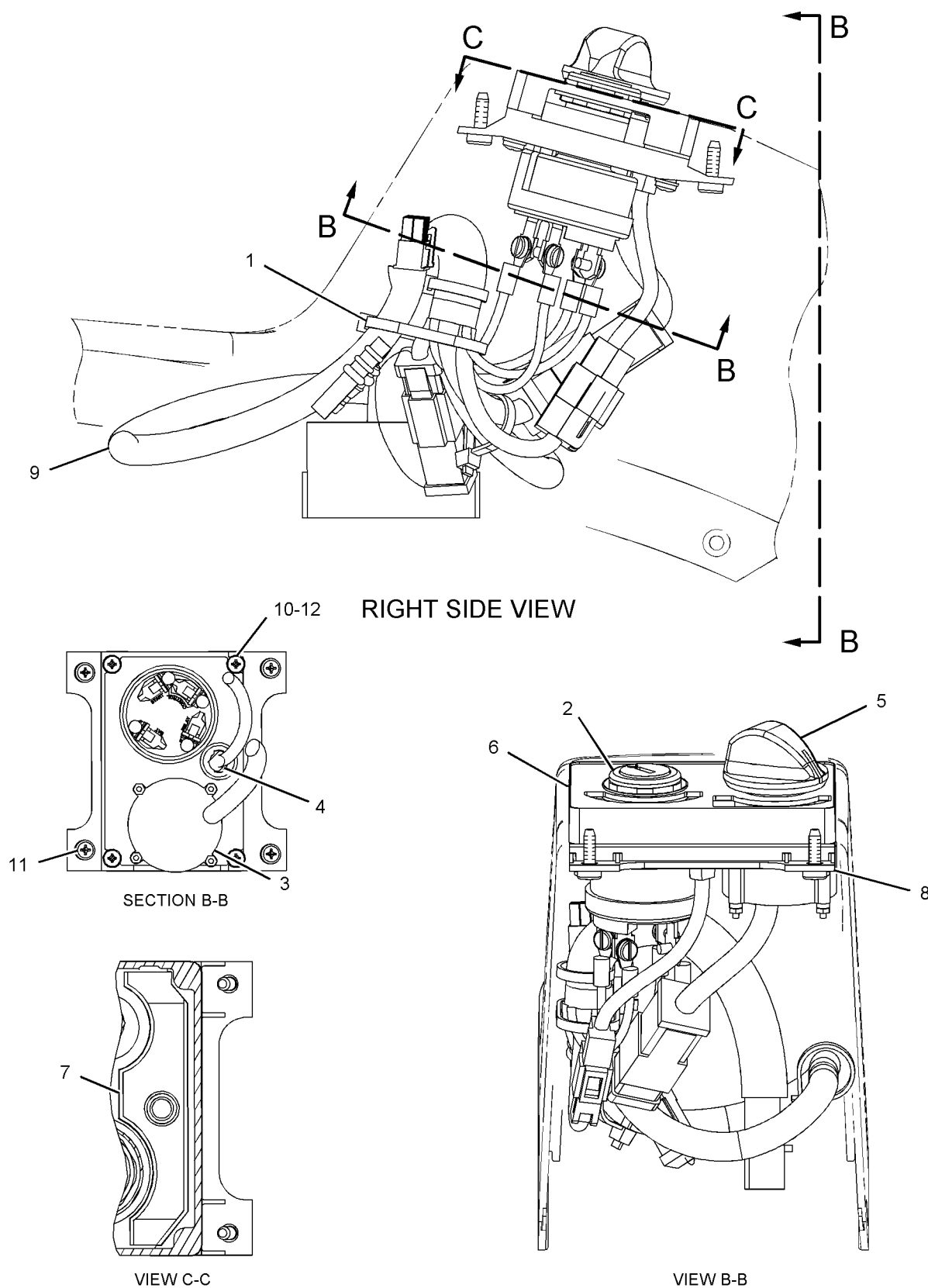
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

251-0542 PANEL GP - SWITCH (contd.)

i02500474



GRAPHIC #1

<END>

g01112022

ELECTRICAL AND STARTING SYSTEM

296-4666 SENSOR GP-ENGINE

S/N: GDC1-UP

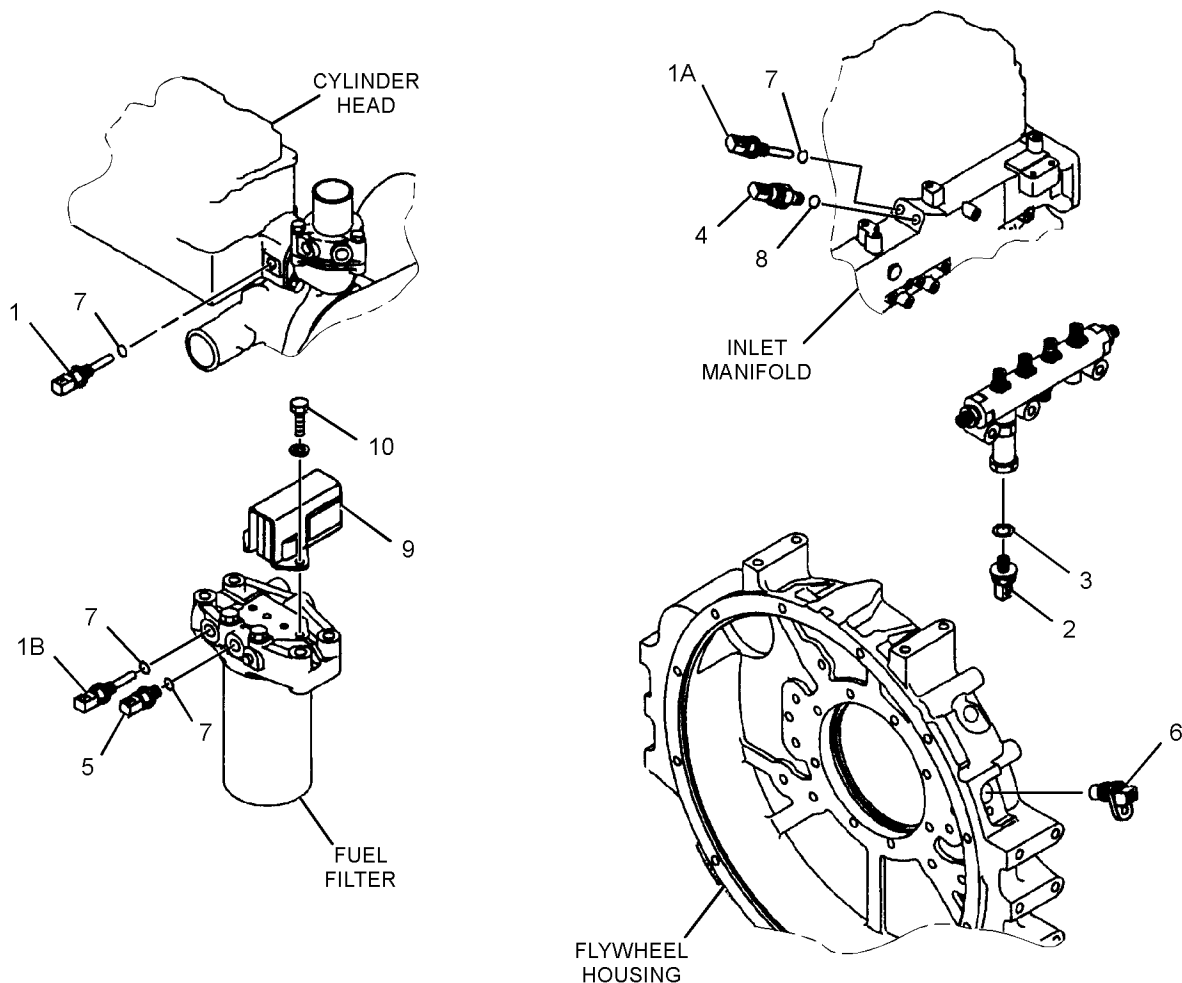
PART OF 272-4683 ENGINE AR
ALSO AN ATTACHMENT

SMCS-1000, 1906, 1907, 1924, 7422

i02781968

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	238-0112	1	SENSOR GP-TEMPERATURE (ENGINE OIL)	
	1A	1	238-0112	1	SENSOR GP-TEMPERATURE (AIR INLET MANIFOLD)	
	1B	1	238-0112	1	SENSOR GP-TEMPERATURE (FUEL)	
	2	1	238-0118	1	SENSOR GP-PRESSURE (FUEL MANIFOLD)	
	3	1	296-4631	1	WASHER	
	4	1	274-6720	1	SENSOR GP-PRESSURE (AIR INLET MANIFOLD)	
	5	1	274-6721	1	SENSOR GP-PRESSURE (FUEL)	
	6	1	238-0120	1	SENSOR GP-SPEED (ENGINE)	
	7	1	294-1804	4	SEAL-O-RING	
	8	1	296-4633	1	SEAL-O-RING	
	9	1	266-0136	1	SENSOR GP-PRESSURE (FUEL)	
E		1	9X-1813		SLEEVE (8-CM)	
		1	9X-3401	3	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	237-0228	1	RECEPTACLE AS-CONNECTOR	
	10	1	296-4621	2	BOLT (M6X1.25X23.5-MM)	

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g01317849

ELECTRICAL AND STARTING SYSTEM

178-2345 SENSOR GP-LIQUID LEVEL

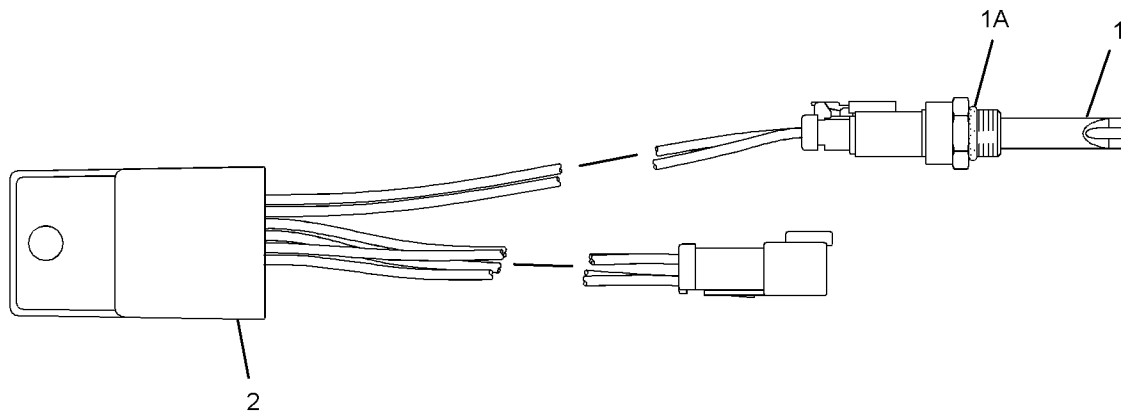
S/N: A6F1-UP; A8F1-UP

**PART OF 272-4772 SENSOR GP-LIQUID LEVEL
AN ATTACHMENT**

SMCS - 7422

i02662509

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	178-2334	1	PROBE AS-LIQUID LEVEL (WATER SEPARATOR)						
	1A	1	3J-1907	1	SEAL-O-RING						
	2	1	178-2335	1	SENSOR AS-LIQUID LEVEL (WATER SEPARATOR)						
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
					(INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
		1	186-3735	4	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	186-3736	2	SOCKET-CONNECTOR (16-GA TO 18-GA)						



GRAPHIC #1

<END>

g01285011

ELECTRICAL AND STARTING SYSTEM

272-4772 SENSOR GP- LIQUID LEVEL-WATER SEPARATOR

S/N: A6F1-UP; A8F1-UP

AN ATTACHMENT

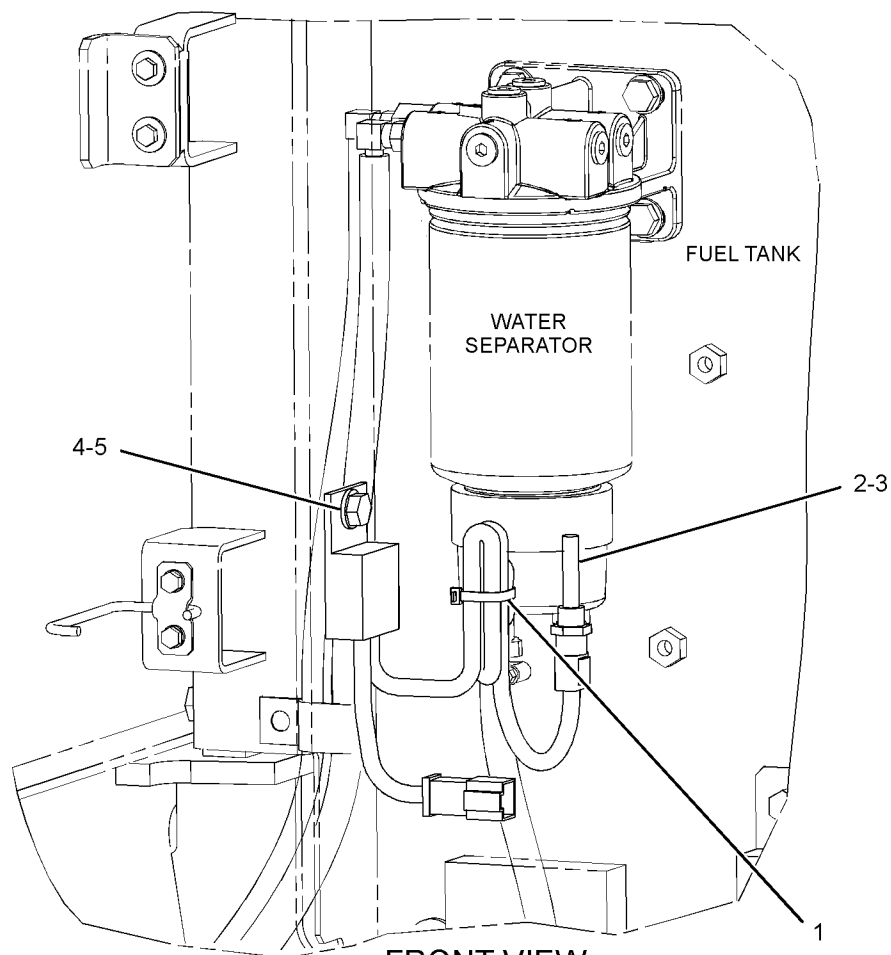
SMCS-7422

i02783609

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	1	STRAP-CABLE						
Y	2	1	178-2345	1	SENSOR GP- LIQUID LEVEL (WATER SEPARATOR)						154
	3	1	6V-5049	1	SEAL-O-RING						
	4	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						
M	5	1	8T-4137	1	BOLT (M10X1.5X20-MM)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



FRONT VIEW
(UPPER LEFT)

<END>

GRAPHIC #1

g01392538

ELECTRICAL AND STARTING SYSTEM

290-9515 SERVICE GP-MONITOR

S/N: A6F1-UP; A8F1-UP

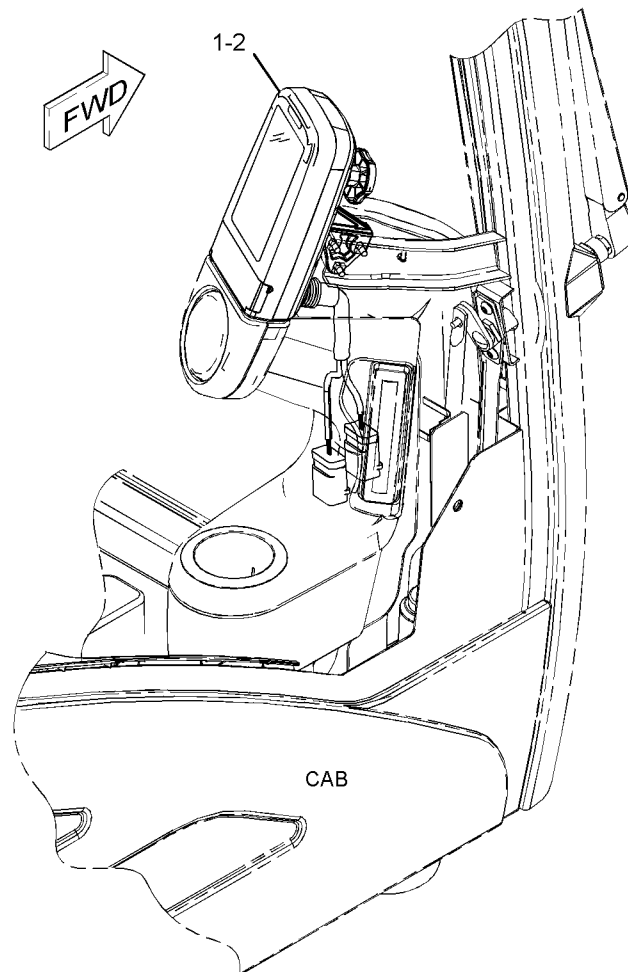
PART OF 221-8861 ELECTRONICS GP-MONITOR

SMCS-4802, 7610

i02772097

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	260-2193	1	MONITOR GP-OPERATOR	700
	2	1	290-9514	1	SOFTWARE GP-MONITOR	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01130730

ELECTRICAL AND STARTING SYSTEM

272-4774 STARTING MOTOR GP-ELECTRIC

S/N: GDC1-UP

PART OF 272-4683 ENGINE AR
ALSO AN ATTACHMENT

SMCS-1453

i02646438

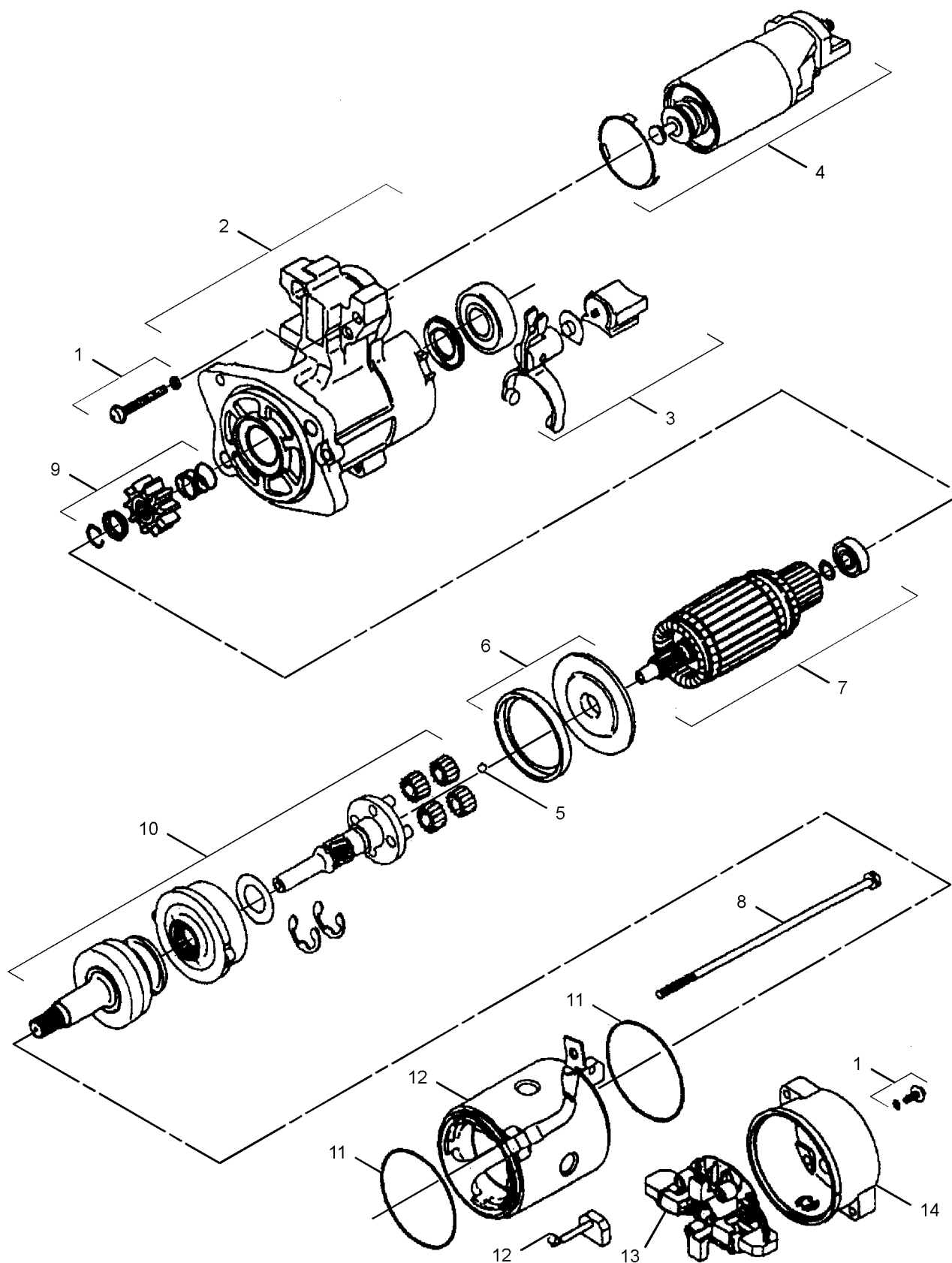
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	127-5947	1	SETSCREW						
C	2	1	294-1855	1	BRACKET AS						
		1	127-5937	1	BEARING AS						
	3	1	127-5944	1	LEVER AS						
C	4	1	294-1857	1	SWITCH AS (STARTING MOTOR)						
	5	1	127-5948	1	BALL						
	6	1	127-5949	1	PACKING AS						
	7	1	127-5950	1	ARMATURE AS						
		1	095-0410	1	BEARING						
	8	1	095-0085	1	BOLT SET						
	9	1	279-7750	1	PINION SET						
		1	094-9950	1	STOP SET						
	10	1	233-1279	1	SHAFT GP-MOTOR						
		1	127-5939	1	SHAFT AS-GEAR						
		1	127-5940	1	WASHER AS						
		1	127-5941	1	GEAR AS-INTERNAL						
		1	127-5943	4	GEAR AS (55/138-TEETH)						
		1	233-1280	1	CLUTCH						
	11	1	094-9980	2	GASKET						
	12	1	127-5952	1	YOKE AS						
		1	127-5953	2	BRUSH						
C	13	1	294-1858	1	HOLDER AS						
	14	1	135-2366	1	BRACKET						

C- CHANGE FROM PREVIOUS TYPE

ELECTRICAL AND STARTING SYSTEM

272-4774 STARTING MOTOR GP - ELECTRIC (contd.)

i02646438



GRAPHIC #1

<END>

g01219448

ELECTRICAL AND STARTING SYSTEM

7N-0719 SWITCH GP-DISCONNECT

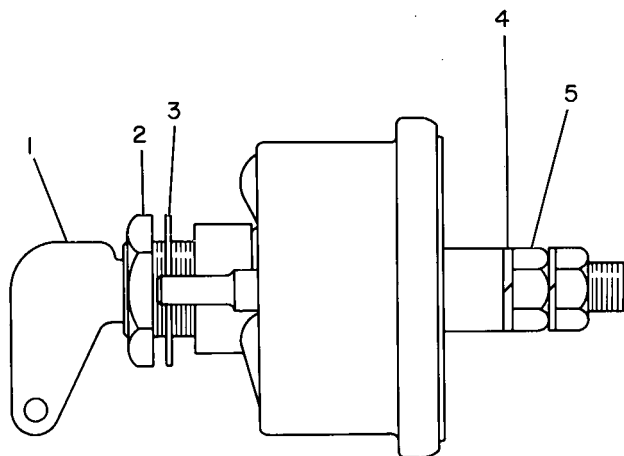
S/N: A6F1-UP; A8F1-UP

PART OF 259-5177 PANEL GP-CIRCUIT BREAKER

SMCS-1411

i01087971

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	8H-5306	1	KEY (BATTERY DISCONNECT)	
	2	1	8H-5303	1	NUT (3/4-16-THD)	
	3	1	2H-3922	1	LOCKWASHER	
	4	1	7F-7259	4	LOCKWASHER	
	5	1	6F-7045	4	NUT-FULL (3/8-24-THD)	



GRAPHIC #1

<END>

g00136161

ELECTRICAL AND STARTING SYSTEM

223-4453 SWITCH GP-MAGNETIC

S/N: GDC1-UP

24 VOLT

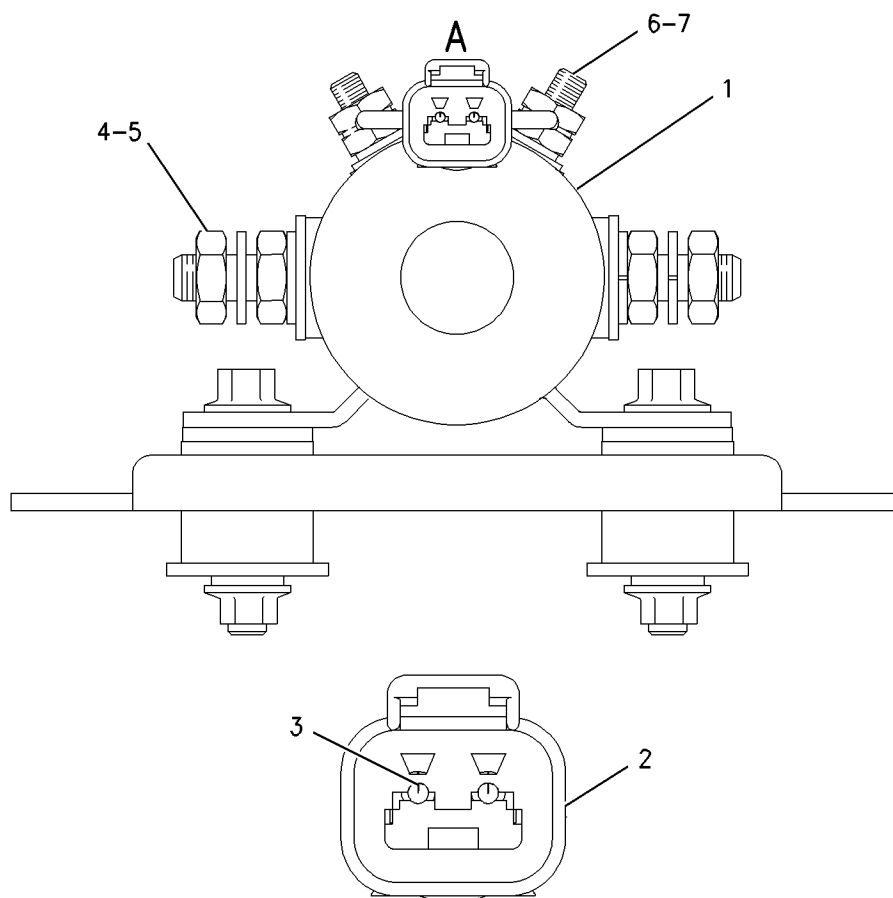
PART OF 296-4652 MANIFOLD GP-INLET

ALSO AN ATTACHMENT

SMCS-7499

i02203402

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	209-5582	1	SWITCH GP-MAGNETIC (24-VOLT) (INLET AIR HEATER)						
	2	1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
	3	1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)						
	4	1	3F-9556	2	LOCKWASHER						
	5	1	6V-8186	2	NUT-FULL (5/16-24-THD)						
	6	1	6V-8378	2	NUT (10-32-THD)						
	7	1	8F-1434	2	LOCKWASHER						



VIEW OF AREA A

GRAPHIC #1

<END>

g00954596

ELECTRICAL AND STARTING SYSTEM

259-5274 SWITCH GP-MAGNETIC

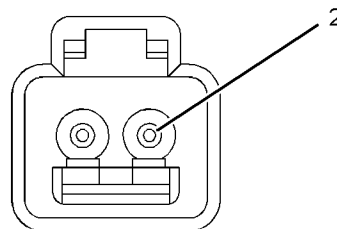
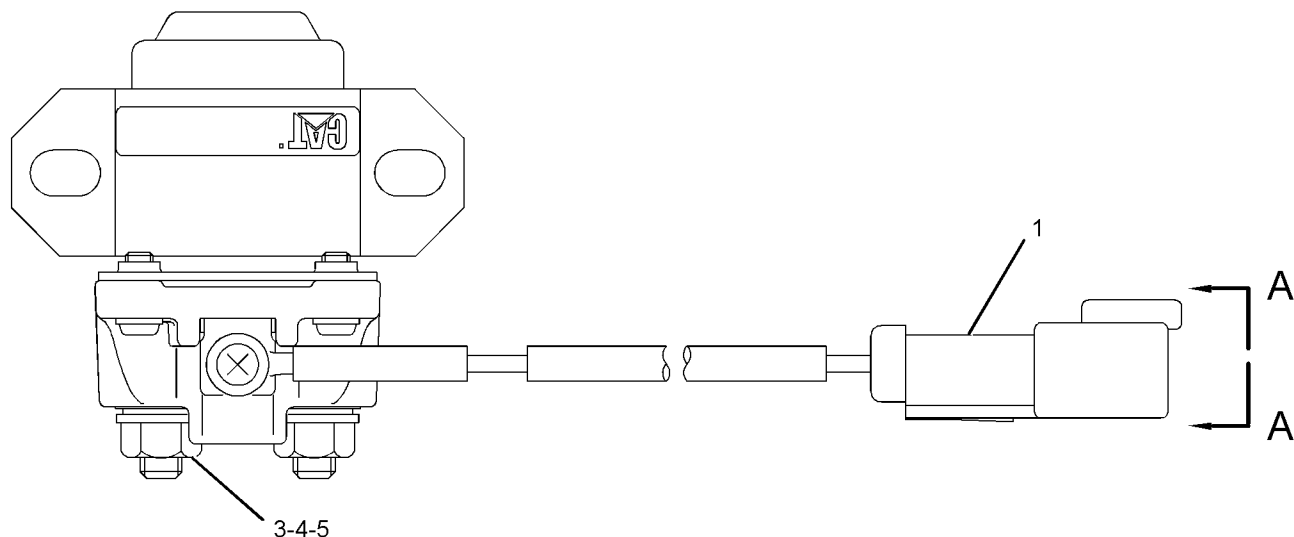
S/N: A6F1-UP; A8F1-UP

PART OF 259-5177 PANEL GP-CIRCUIT BREAKER

SMCS-7499

i02503872

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	2	1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)						
	3	1	1H-3338	2	LOCKWASHER (TOOTH)						
	4	1	012-0380	2	LOCKWASHER (SPLIT)						
M	5	1	5C-2890	2	NUT (M6X1-THD)						
M-METRIC PART											



VIEW A-A

GRAPHIC #1

<END>

g01196733

ELECTRICAL AND STARTING SYSTEM

234-6613 SWITCH GP-POSITION-HYDRAULIC LOCKOUT

S/N: A6F1-UP; A8F1-UP

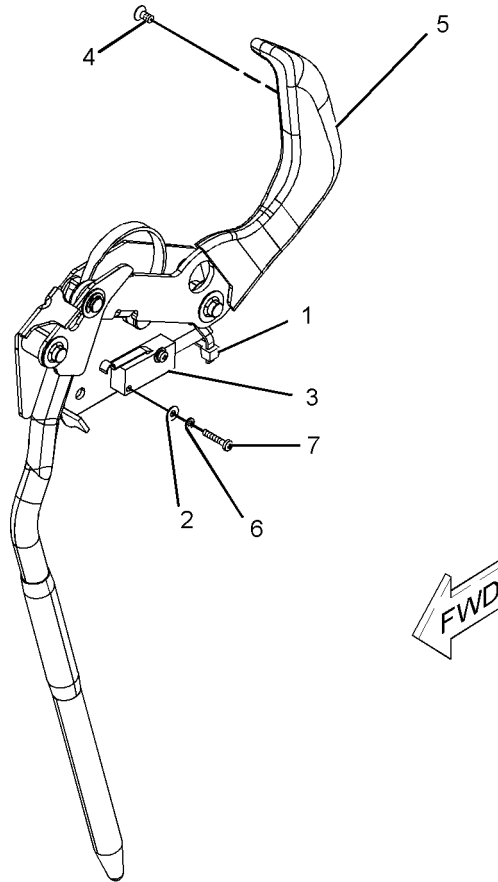
PART OF 259-7349 CONSOLE GP-OPERATOR

SMCS-1408, 1435

i02489984

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	1	STRAP-CABLE						
	2	1	4I-3038	2	WASHER (3.3X8X0.5-MM THK)						
	3	1	111-4799	1	SWITCH AS-LIMIT (HYDRAULIC LOCKOUT)						
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	186-3735		PIN-CONNECTOR (16-GA TO 18-GA)						
D		1	5P-5998		TUBE (.25-M)						
	4	1	185-8286	2	SCREW-MACHINE (M4X0.7X8-MM)						
	5	1	234-6615	1	KNOB						
	6	1	087-4683	2	LOCKWASHER						
M	7	1	120-9027	2	SCREW-PAN HEAD (M3X0.5X16-MM)						

D-ORDER BY THE METER
M-METRIC PART



GRAPHIC #1

<END>

g01096293

ELECTRICAL AND STARTING SYSTEM

5C-6108 SWITCH GP-REFUELING

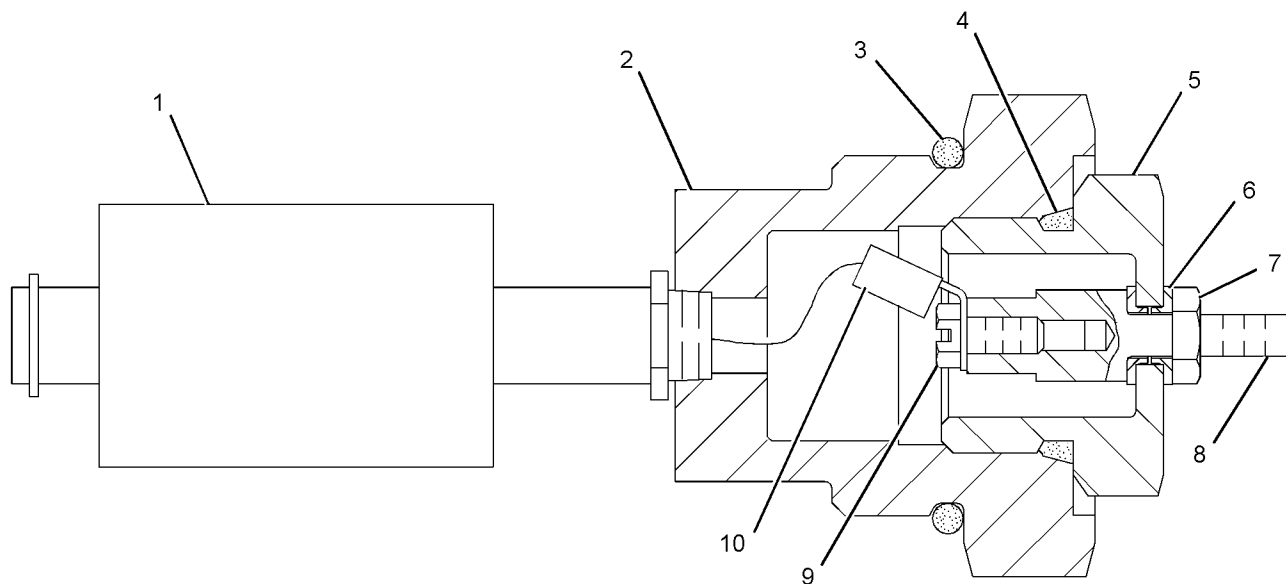
S/N: A6F1-UP; A8F1-UP
PART OF 229-1785 PUMP GP-REFUELING
AN ATTACHMENT

SMCS-1295

i02626131

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8J-9236	1	SWITCH (LIQUID LEVEL)						
	2	1	5C-6074	1	FITTING						
	3	1	2S-4078	1	SEAL-O-RING						
	4	1	3D-2824	1	SEAL-O-RING						
	5	1	8S-1815	1	PLUG						
	6	1	8S-1814	2	INSULATOR						
	7	1	4B-2049	2	NUT (10-32-THD)						
	8	1	8S-1812	1	TERMINAL						
	9	1	9B-4499	1	SCREW-MACHINE (8-36X0.375-IN)						
	10	1	139-6913	1	TERMINAL-RING						
E		1	7X-3159		TUBE-HEAT SHRINK (2.36-MM DIA) (3-CM)						

E - ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g01243412

ELECTRICAL AND STARTING SYSTEM

106-0107 SWITCH GP - ROTARY

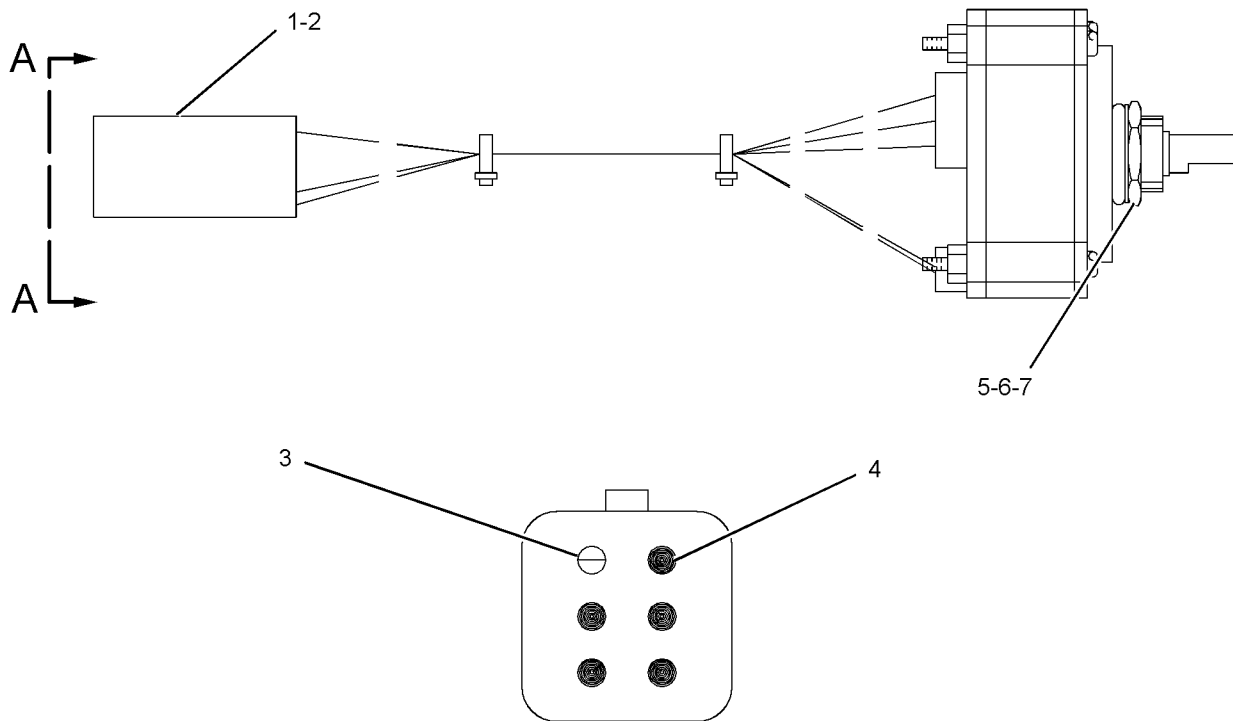
S/N: A6F1-UP; A8F1-UP

PART OF 251-0542 PANEL GP - SWITCH

SMCS-7332

i02305918

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	1	2	3	4	5	6 (PRODUCT LEVEL)	SEE PAGE
	1	1	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	2	1	3E-3383	1	WEDGE-RECEPTACLE LOCK (6-PIN)						
	3	1	8T-8737	1	PLUG-SEAL						
	4	1	144-1636	5	PIN-CONNECTOR						
M	5	1	7Y-5458	1	NUT (M12X1-THD)						
	6	1	7Y-5464	1	WASHER (M12.2X15.4X0.5-MM THK)						
	7	1	106-0210	1	SEAL						
M-METRIC PART											



VIEW A-A

<END>

GRAPHIC #1

g01098706

ELECTRICAL AND STARTING SYSTEM

9G-7641 SWITCH GP-START-KEY

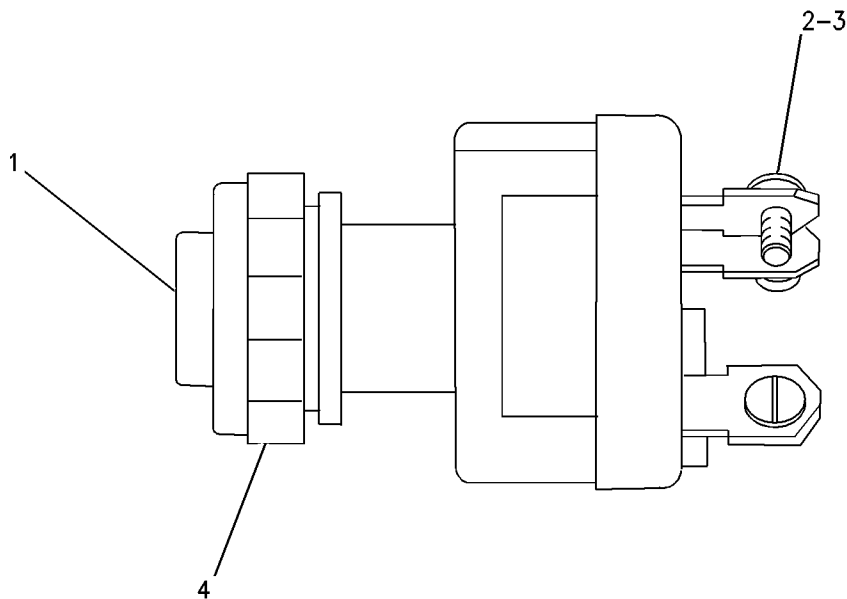
S/N: A6F1-UP; A8F1-UP

PART OF 251-0542 PANEL GP-SWITCH

SMCS-1416

i01336684

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	6V-3324	1	LOCK AS-CYLINDER	
	2	1	6V-8362	4	SCREW-MACHINE (8-32X0.31-IN)	
	3	1	9B-7233	4	LOCKWASHER	
	4	1	7T-6799	1	NUT-MOUNTING (1-32-THD)	



GRAPHIC #1

<END>

g00706809

ELECTRICAL AND STARTING SYSTEM

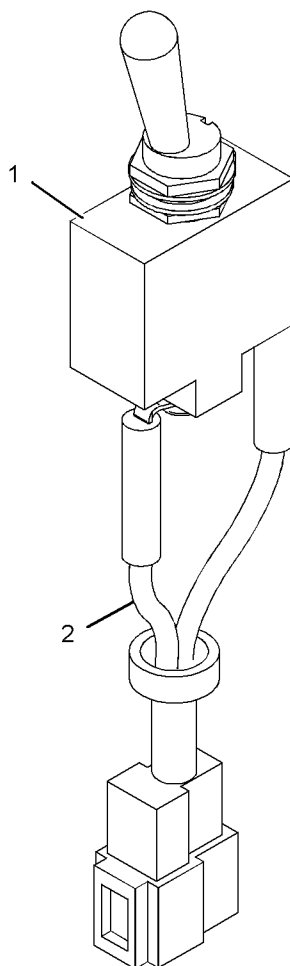
238-2478 SWITCH GP - TOGGLE

S/N: A6F1-UP; A8F1-UP
PART OF 238-2485 WIRING GP - CAB
AN ATTACHMENT

SMCS-7332

i02515923

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7N-2353	1	SWITCH AS-TOGGLE (QUICK COUPLER)						
	2	1	238-2479	1	HARNESS AS-WIRING (QUICK COUPLER SWITCH)						
		1	7Y-3950	2	TERMINAL (MALE)						
		1	7Y-3953	1	CONNECTOR-RECEPTACLE						
		1	3S-2093	1	STRAP-CABLE						



GRAPHIC #1

<END>

g01125914

ELECTRICAL AND STARTING SYSTEM

238-2485 WIRING GP-CAB-QUICK COUPLER

S/N: A6F1-UP; A8F1-UP

PART OF 288-7608 CONTROL AR-COUPLER
AN ATTACHMENT

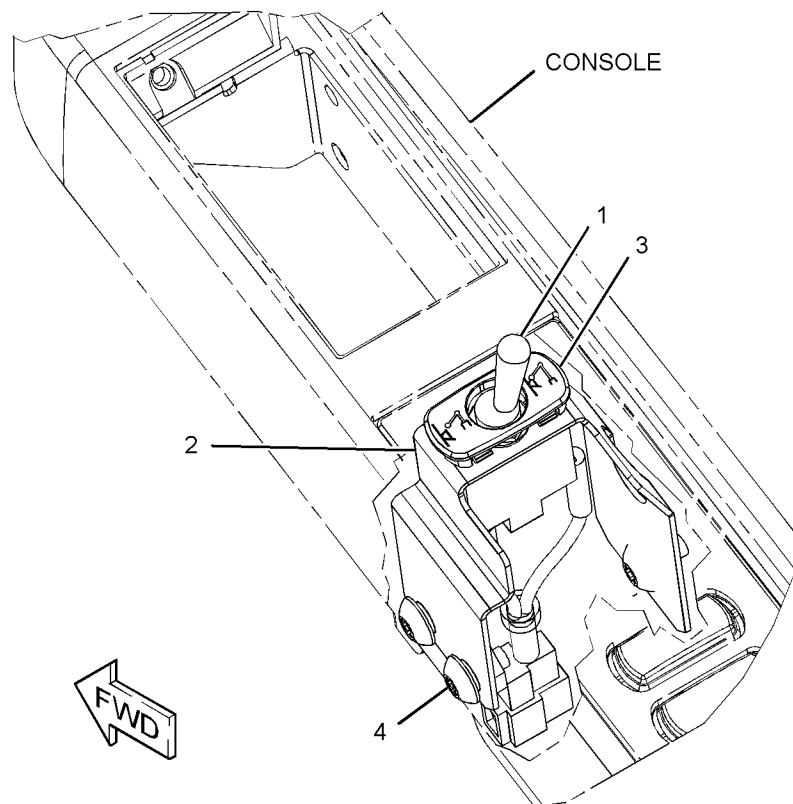
SMCS-1408, 7301

i02508822

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	238-2478	1	SWITCH GP-TOGGLE (QUICK COUPLER)	166
	2	1	259-4884	1	BRACKET AS	
	3	1	259-7180	1	COVER	
M	4	1	9X-2042	3	SCREW-TRUSS HEAD (M6X1X12-MM)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01259753

ELECTRICAL AND STARTING SYSTEM

251-0529 WIRING GP-CAB

S/N: A6F1-UP; A8F1-UP

PART OF 259-7493, 259-7495 CONTROL AR-AUXILIARY
AN ATTACHMENT

SMCS-1408, 7301

i02786472

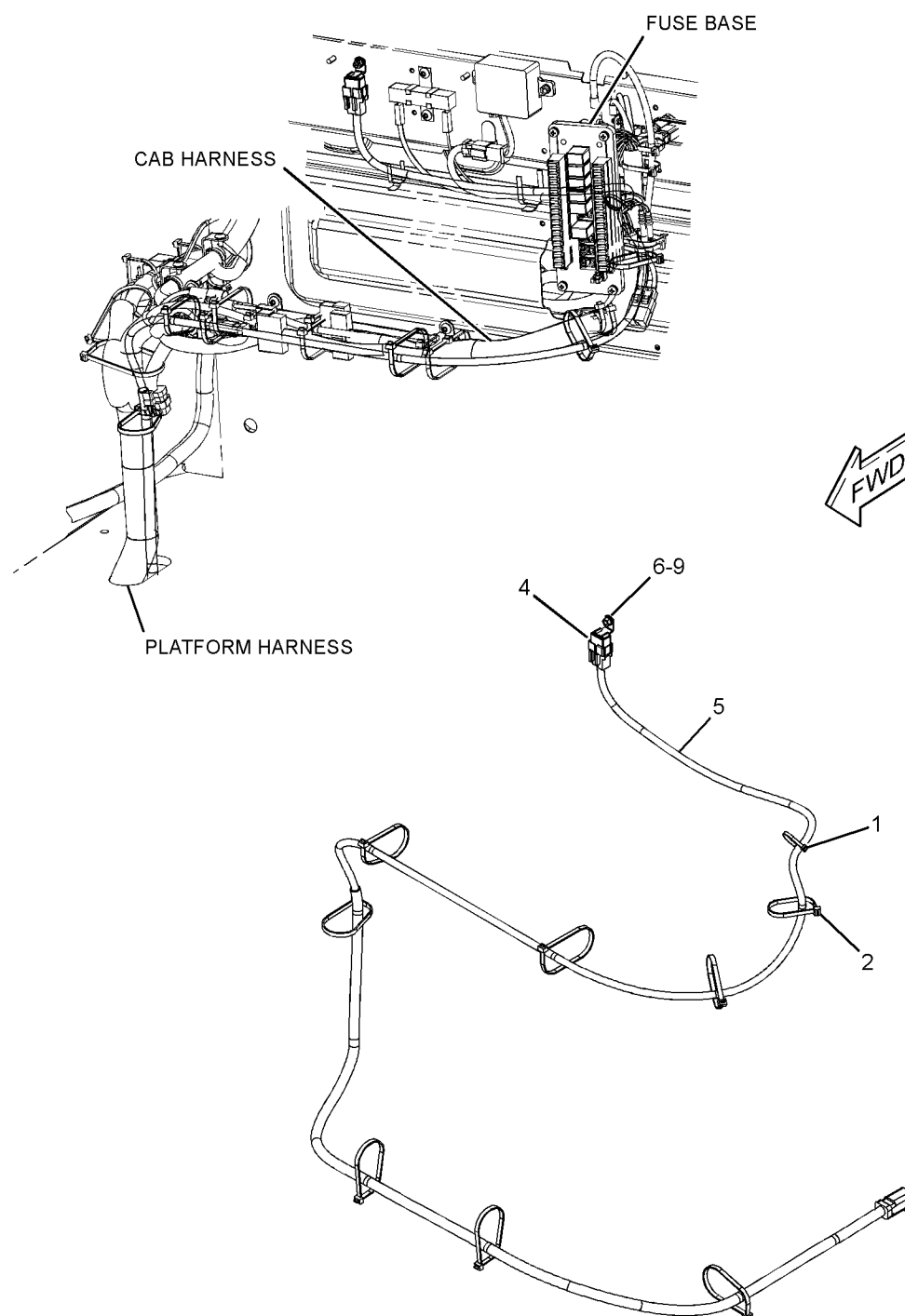
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1, 3	3S-2093	4	STRAP-CABLE						
	2	1, 2	7K-1181	8	STRAP-CABLE						
	3	3	116-0118	2	CLIP						
	4	1	149-5050	1	RELAY (24-VOLT) (1-WAY/2-WAY SOLENOID)						
	5	1	251-0598	1	HARNESS AS-SOLENOID (1-WAY/2-WAY FLOW)						
		1	3S-2093	6	STRAP-CABLE						
		1	8T-8737	1	PLUG-SEAL						
		1	243-4508	1	RECEPTACLE AS-CONNECTOR (6-PIN)						
M	6	1	5C-2890	1	NUT (M6X1-THD)						
M	7	3	7X-2621	2	BOLT (M10X1.5X12-MM)						
	8	3	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
	9	1	9X-8256	1	WASHER (6.6X12X2-MM THK)						

M-METRIC PART

ELECTRICAL AND STARTING SYSTEM

251-0529 WIRING GP-CAB (contd.)

i02786472



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

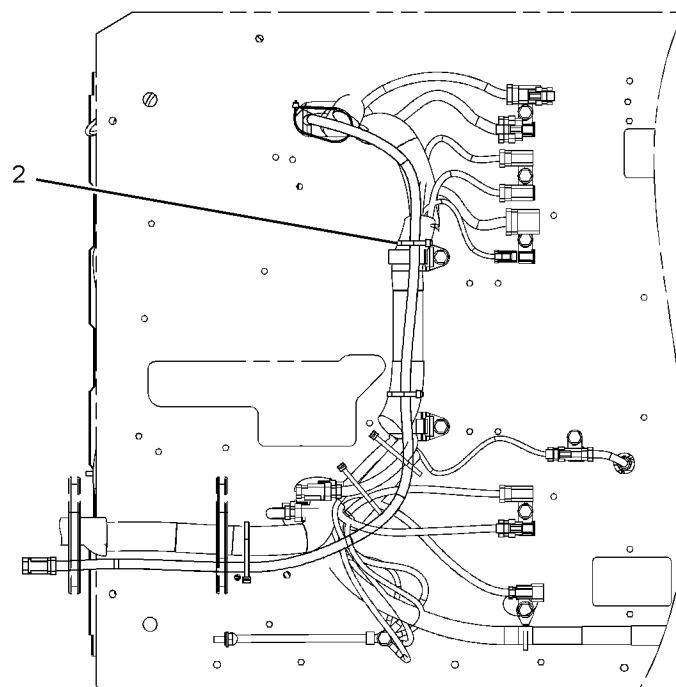
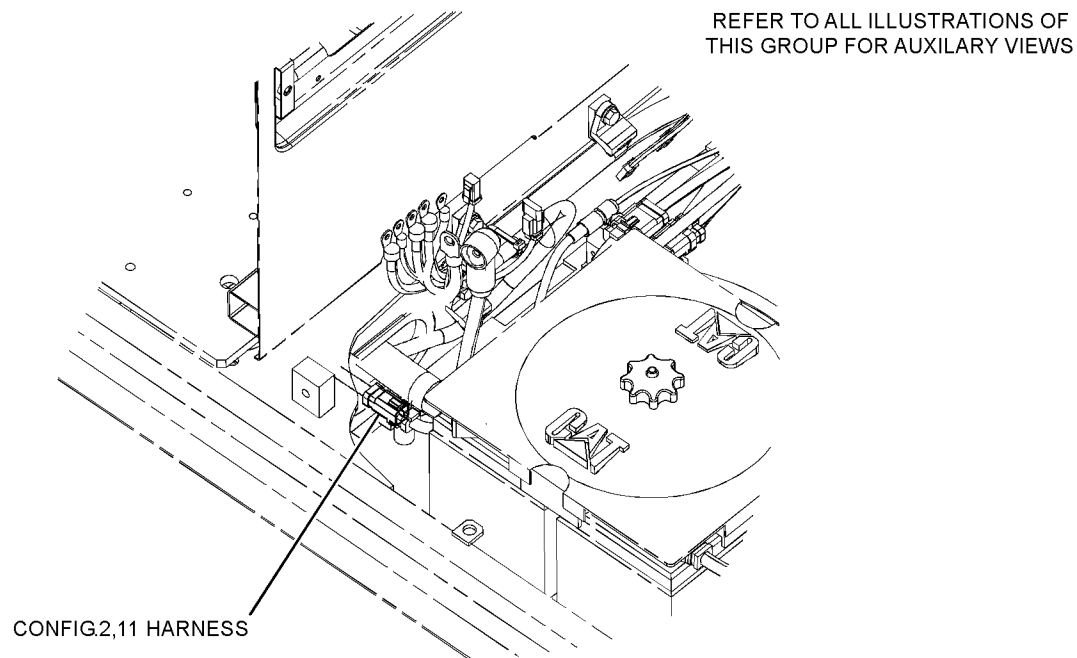
GRAPHIC #1

g01233498

ELECTRICAL AND STARTING SYSTEM

251-0529 WIRING GP-CAB (contd.)

i02786472



BOTTOM VIEW
(FOR CONFIG. 2,11)

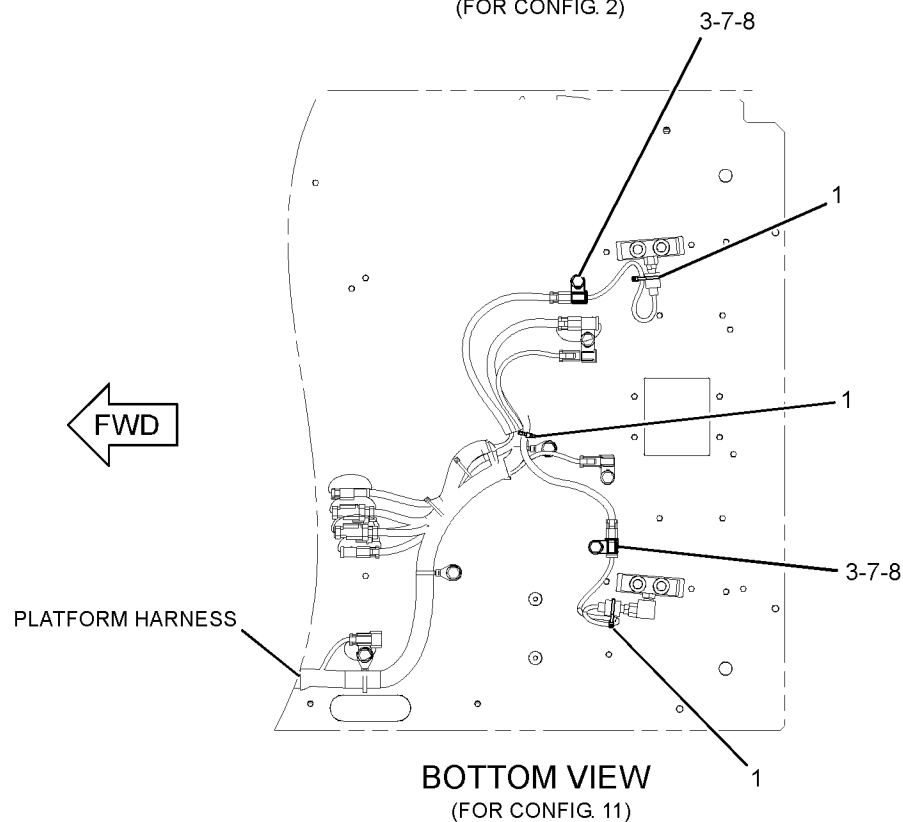
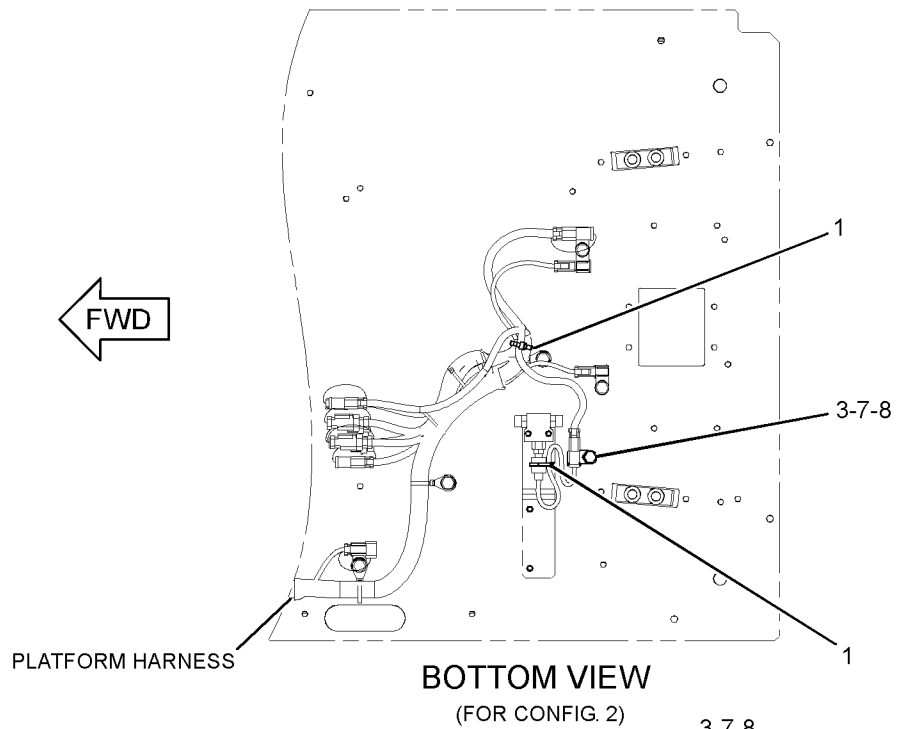
GRAPHIC #2

g01233501

ELECTRICAL AND STARTING SYSTEM

251-0529 WIRING GP-CAB (contd.)

i02786472



GRAPHIC #3

<END>

g01233503

ELECTRICAL AND STARTING SYSTEM

259-5161 WIRING GP-CAB

S/N: A6F1-UP; A8F1-UP

PART OF 296-5189 CAB GP, 273-5387 OPERATOR AR
ALSO AN ATTACHMENT

SMCS-1408, 7301

i02796941

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	3, 4	3S-2093	10	STRAP-CABLE	
	2	4	7Y-5505	2	SPEAKER AS	
					(EACH INCLUDES)	
		4	7Y-3951	2	TERMINAL (FEMALE)	
		4	7Y-3954	1	CONNECTOR-PLUG	
	3	3	9W-0335	1	LIGHTER AS-CIGAR (24-VOLT)	
					-OR-	
F			238-2318	1	LIGHTER AS-CIGAR (24-VOLT)	
	4	3	094-2080	1	SWITCH-MAGNETIC (24-VOLT) (START RELAY)	
M	5	4	099-7127	8	SCREW-MACHINE (M4X0.7X12-MM)	
	6	1	102-8016	1	RESISTOR AS	
	7	3	113-8490	20	FUSE (10-AMPERE)	
	8	3	113-8491	5	FUSE (15-AMPERE)	
	9	3	113-8492	3	FUSE (20-AMPERE)	
	10	3	113-8493	3	FUSE (25-AMPERE)	
	11	4	116-0210	4	BRACKET AS	
	12	3	124-3548	2	FUSE (30-AMPERE)	
Y	13	4	132-1829	1	ALARM GP (24-VOLT)	113
	14	3	141-2759	7	FUSE (5-AMPERE)	
	15	3	161-3128	1	RELAY (24-VOLT) (BOOM FLOODLIGHT)	
	15A	3	161-3128	1	RELAY (24-VOLT) (CHASSIS LIGHT)	
	15B	3	161-3128	1	RELAY (24-VOLT) (CAB FLOODLIGHT)	
	15C	3	161-3128	1	RELAY (24-VOLT) (HORN)	
	15D	3	161-3128	1	RELAY (24-VOLT) (NEUTRAL START)	
	15E	3	161-3128	1	RELAY (24-VOLT) (TRAVEL ALARM)	
	16	4	268-1964	1	KIT-SERVICE METER	
					(INCLUDES FILM & METER)	
	17	4	163-6758	1	WIRE AS	
	18	2, 3, 4	163-6795	15	STRAP-CABLE	
	19	3	167-3593	1	STRAP	
	20	3	170-6888	1	PULLER-FUSE	
	21	4	213-0772	1	SWITCH AS-MAGNETIC (24-VOLT) (MAIN RELAY)	
	22	3	227-7575	1	PANEL AS-CONTROL (SWITCH)	
	23	3	234-1097	1	BRACKET	
	24	3	238-2212	1	SWITCH AS-ROCKER (FINE SWING)	
		3	167-3542	1	CONNECTOR-RECEPTACLE	
		3	167-3543	5	TERMINAL	
	26	4	238-2390	1	CABLE AS	
		4	3T-4004	1	TERMINAL-SOLDER	
E		4	125-7876		TUBE-HEAT SHRINK (17.78-MM DIA) (4-CM)	
	27	4	238-2391	1	CABLE AS	
		4	9G-4343	1	TERMINAL (4-GA)	
E		4	125-7876		TUBE-HEAT SHRINK (17.78-MM DIA) (4-CM)	
	28	2	245-7760	8	INSULATION	
	29	2	251-0637	1	INSULATION	
	30	2	259-4883	1	ANTENNA AS	
	31	3	259-5290	1	BRACKET AS	
	32	1	259-5296	1	HARNESS AS-CAB	
		1	7Y-3952	4	CONNECTOR-PLUG	
		1	7Y-3958	2	CONNECTOR-PLUG	
		1	102-7964	2	CONNECTOR-PLUG	
		1	111-4816	1	CONNECTOR-PLUG	
		1	163-6659	1	CONNECTOR-PLUG	
		1	163-6699	1	CONNECTOR-PLUG	
		1	163-6803	9	CONNECTOR-PLUG	

ELECTRICAL AND STARTING SYSTEM

259-5161 WIRING GP-CAB (contd.)

i02796941

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	7Y-3955	2	CONNECTOR-RECEPTACLE						
		1	121-1168	1	CONNECTOR-RECEPTACLE						
		1	153-2602	5	CONNECTOR-RECEPTACLE						
		1	9W-1951	1	RECEPTACLE-CONNECTOR (9-PIN)						
		1	8C-6354	1	CAP-RECEPTACLE						
		1	5P-6271	1	CONNECTOR AS						
		1	134-3296	1	HOUSING-PLUG						
		1	134-3297	1	SEAL						
		1	3S-2093	111	STRAP-CABLE						
		1	121-1022	3	DIODE						
		1	238-2319	1	BASE AS						
		1	9X-8256	2	WASHER (6.6X12X2-MM THK)						
M		1	095-0742	2	SCREW-MACHINE (M6X1X16-MM)						
		1	170-9394	40	TERMINAL						
		1	102-8803	3	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
		1	155-2270	2	KIT-CONNECTING PLUG (2-PIN)						
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
		1	230-4011	1	PLUG AS-CONNECTOR (2-PIN)						
		1	264-7029	1	SEAL-CONNECTOR						
		1	230-4013	1	PLUG AS-CONNECTOR (3-PIN)						
		1	264-7030	1	SEAL-CONNECTOR						
		1	239-7356	1	PLUG AS-CONNECTOR (12-PIN)						
		1	230-4009	1	PLUG AS-CONNECTOR (12-PIN)						
					(EACH PLUG AS INCLUDES)						
		1	264-7034	1	SEAL-CONNECTOR						
		1	174-3016	2	PLUG AS-CONNECTOR (3-PIN)						
		1	243-4505	2	RECEPTACLE AS-CONNECTOR (2-PIN)						
		1	243-4506	1	RECEPTACLE AS-CONNECTOR (3-PIN)						
	33	3	267-7639	1	SWITCH AS-ROCKER (LEVELING)						
		3	167-3542	1	CONNECTOR-RECEPTACLE						
		3	167-3543	5	TERMINAL						
M	34	3	095-0723	3	SCREW (M3X0.5X10-MM)						
	35	3	096-5962	3	WASHER-HARD (3.4X7X0.8-MM THK)						
	36	4	096-6166	2	WASHER-HARD (4.5X9X1-MM THK)						
	37	3, 4	132-5789	7	CLIP						
	38	4	4P-7581	1	CLIP						
M	39	3	5C-2890	5	NUT (M6X1-THD)						
M	40	4	6V-5210	8	SCREW-MACHINE (M4X0.7X10-MM)						
M	41	4	6V-9672	2	SCREW-MACHINE (M4X0.7X16-MM)						
	42	4	8T-0328	3	WASHER-HARD (5.5X10X1-MM THK)						
M	43	4	8T-4127	2	SCREW-MACHINE (M5X0.8X20-MM)						
M	44	4	8T-6693	1	SCREW-MACHINE (M5X0.8X16-MM)						
M	45	1, 3, 4	9X-2042	13	SCREW-TRUSS HEAD (M6X1X12-MM)						
M	46	3	9X-2044	5	SCREW-TRUSS HEAD (M6X1X16-MM)						
	47	3	9X-8256	5	WASHER (6.6X12X2-MM THK)						
E	48	2	101-2846		GUARD (9.5-CM)						
E	48A	4	101-2846		GUARD (9-CM EACH)						

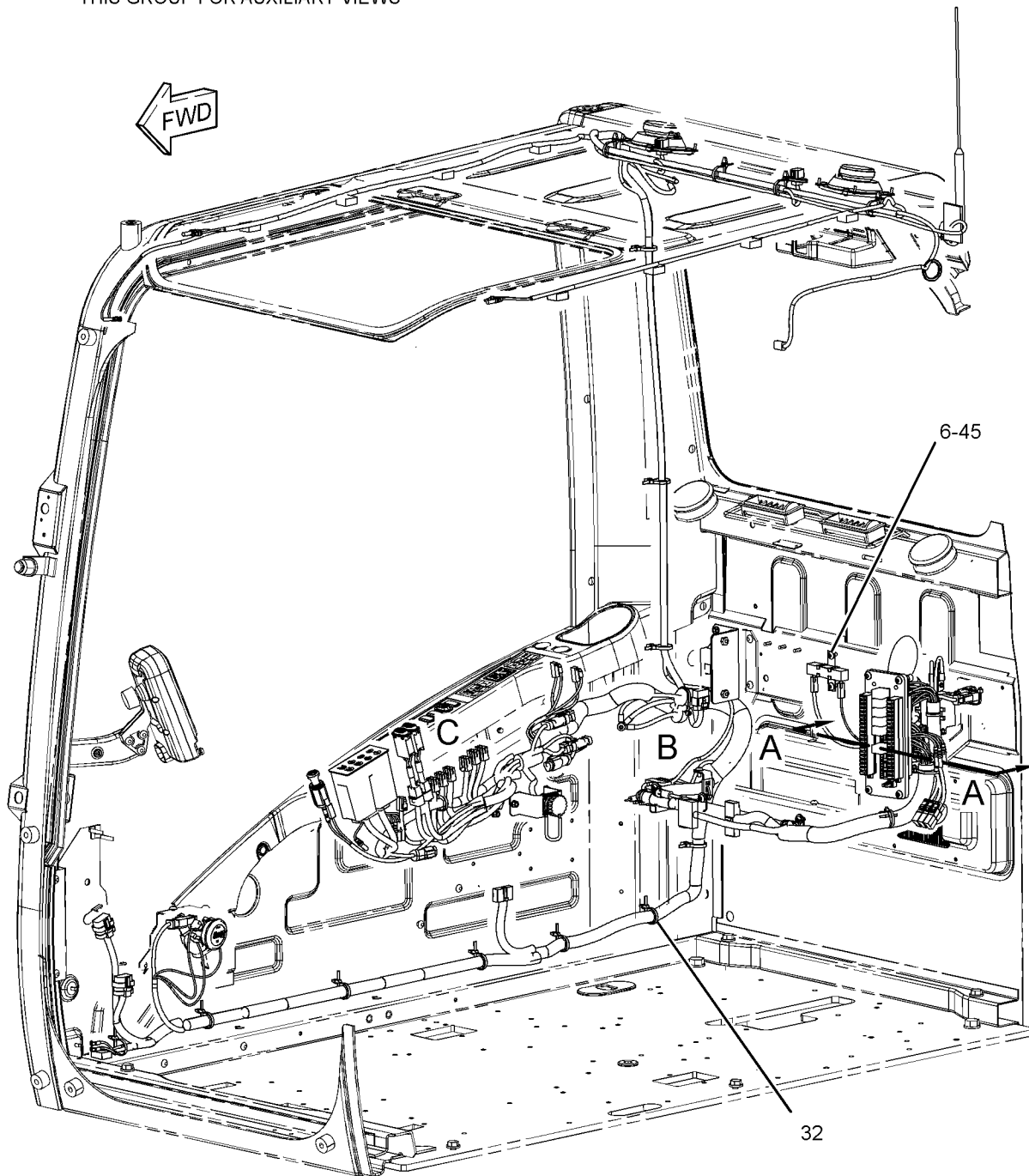
E-ORDER BY THE CENTIMETER
F-NOT SHOWN
M-METRIC PART
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

259-5161 WIRING GP-CAB (contd.)

i02796941

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



GRAPHIC #1

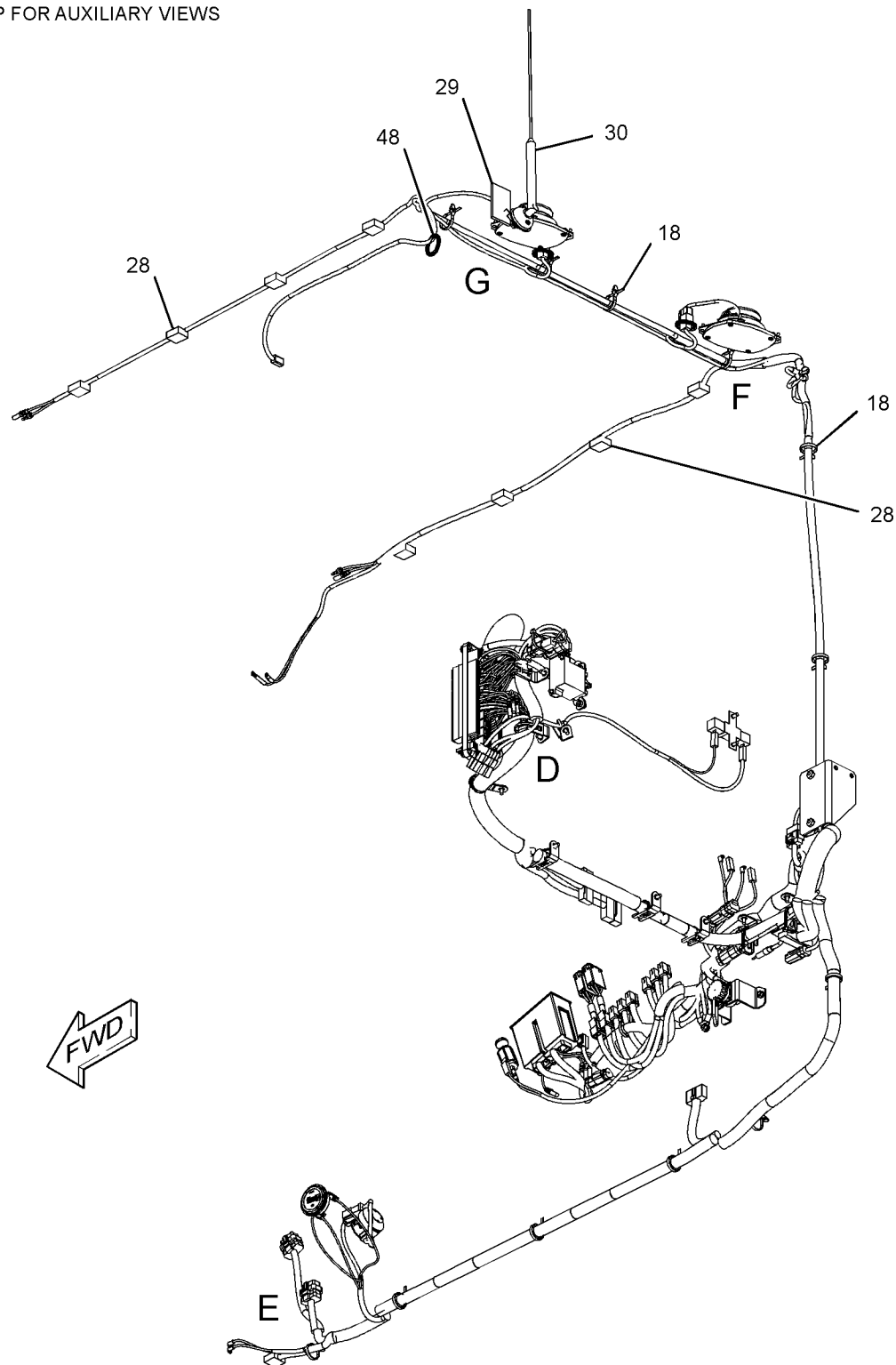
g01398279

ELECTRICAL AND STARTING SYSTEM

259-5161 WIRING GP-CAB (contd.)

i02796941

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



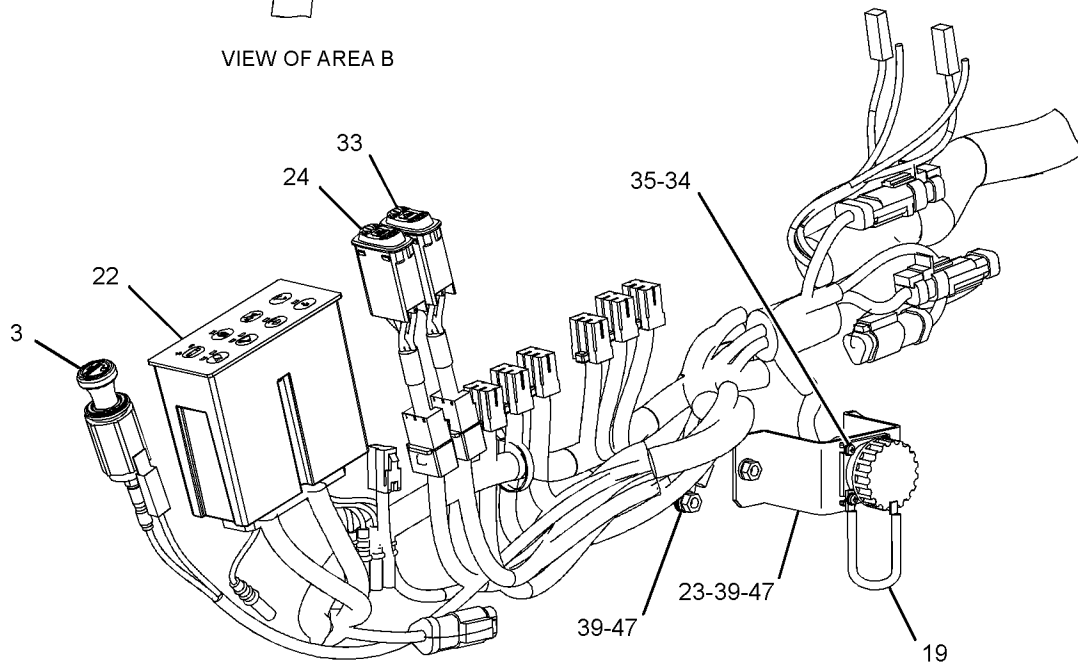
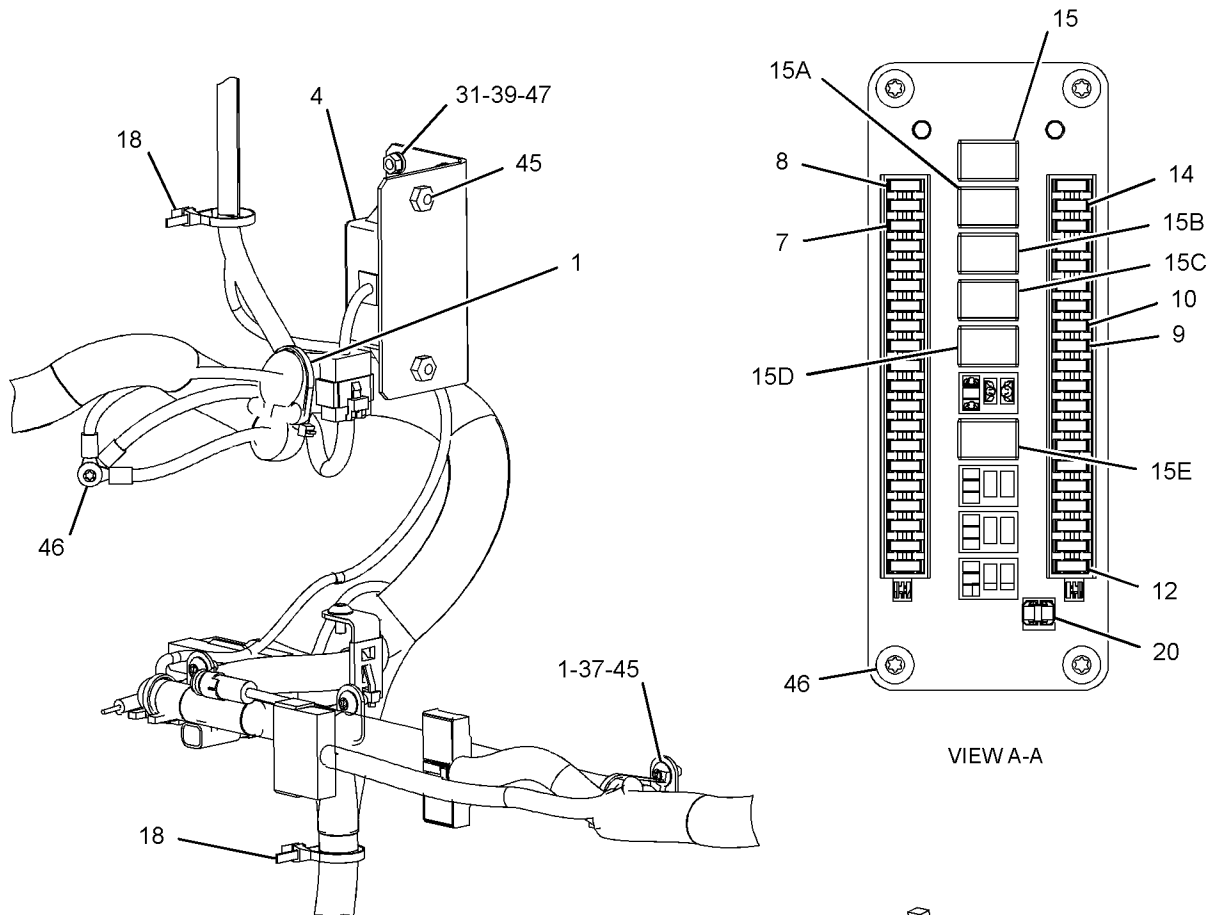
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g01398365

ELECTRICAL AND STARTING SYSTEM

259-5161 WIRING GP-CAB (contd.)

i02796941



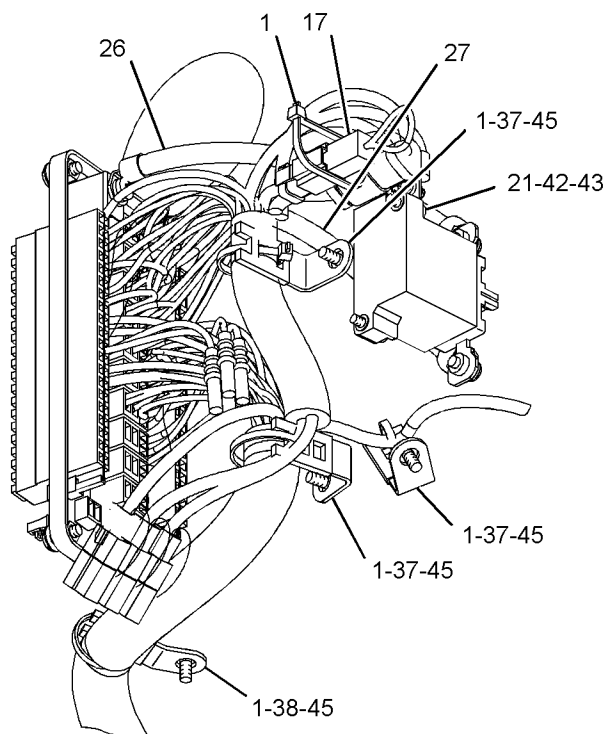
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g01398416

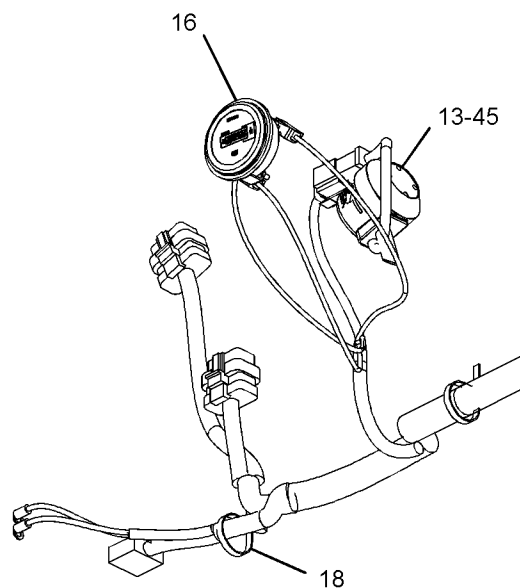
ELECTRICAL AND STARTING SYSTEM

259-5161 WIRING GP-CAB (contd.)

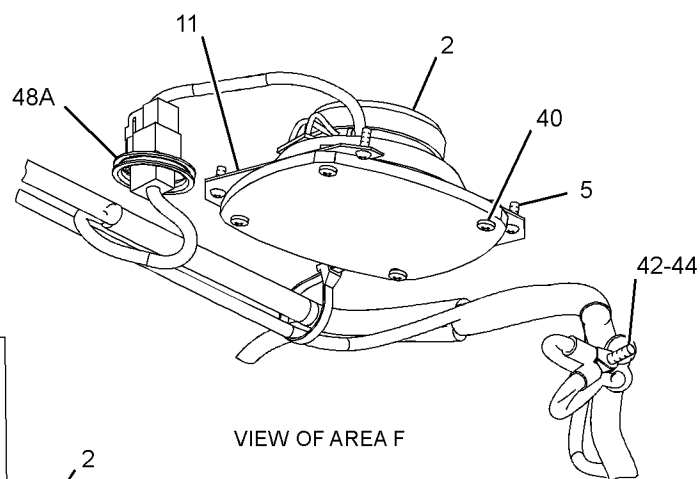
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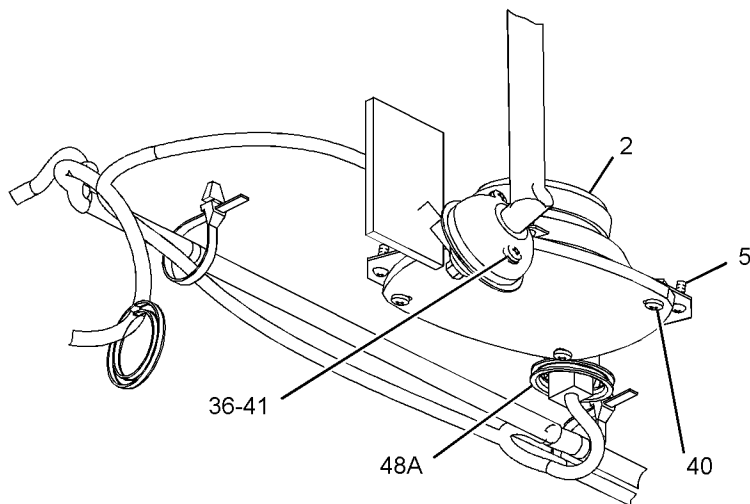
VIEW OF AREA D



VIEW OF AREA E



VIEW OF AREA F



VIEW OF AREA G

GRAPHIC #4

<END>

g01302137

ELECTRICAL AND STARTING SYSTEM

267-7642 WIRING GP-CAB-COUPLER

S/N: A6F1-UP; A8F1-UP

PART OF 277-0863 CONTROL AR-COUPLER
AN ATTACHMENT

SMCS-1408, 7301

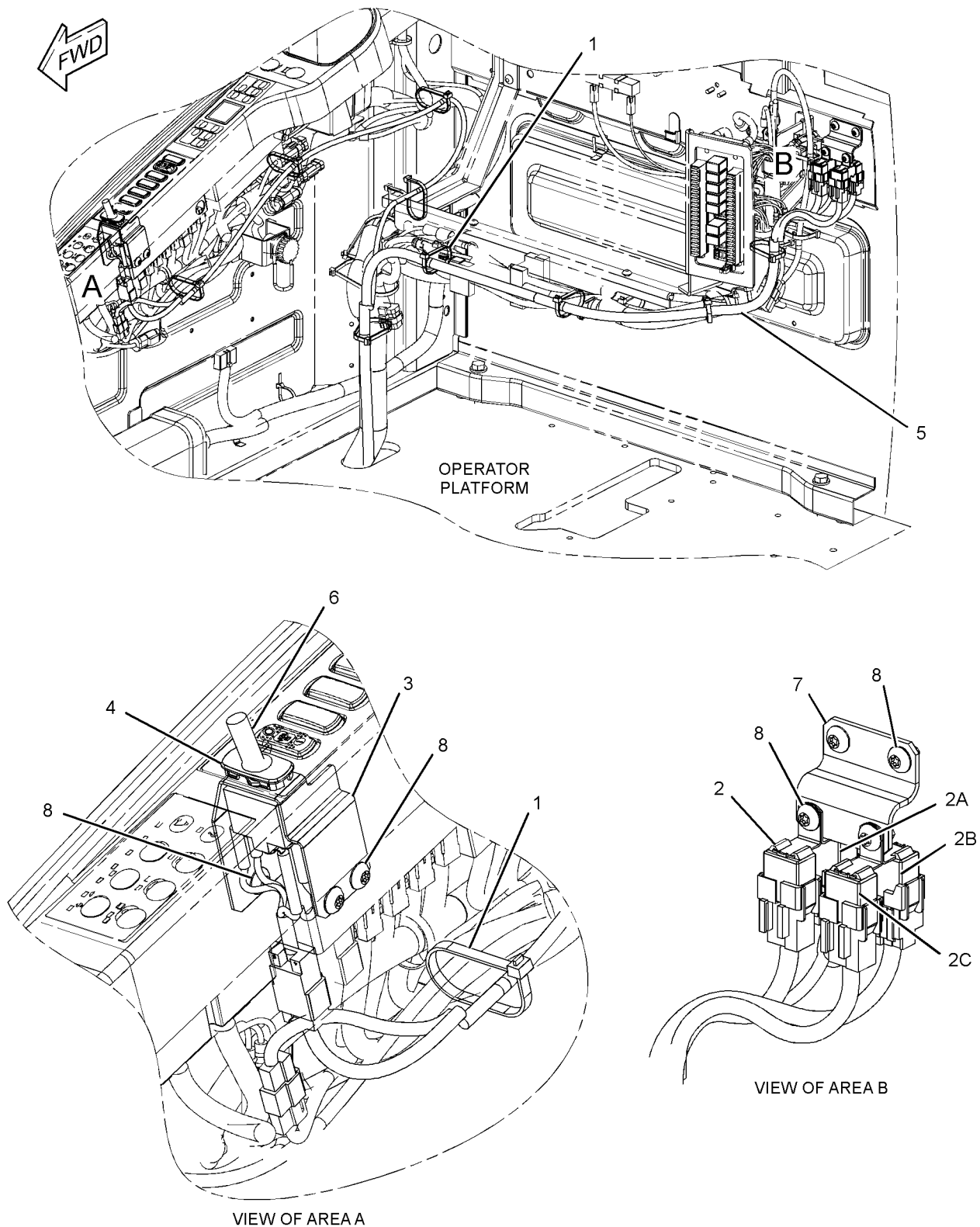
i02663229

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7K-1181	13	STRAP-CABLE						
	2	1	149-5050	1	RELAY (24-VOLT) (QUICK COUPLER LOCK PRIORITY)						
	2A	1	149-5050	1	RELAY (24-VOLT) (QUICK COUPLER LOCK ON)						
	2B	1	149-5050	1	RELAY (24-VOLT) (QUICK COUPLER LOCK)						
	2C	1	149-5050	1	RELAY (24-VOLT) (QUICK COUPLER LOCK)						
	3	1	259-4884	1	BRACKET AS						
	4	1	259-7220	1	COVER						
	5	1	267-7644	1	HARNESS AS-QUICK COUPLER						
		1	102-7965	3	TERMINAL (FEMALE)						
E		1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (10-CM)						
E		1	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (15-CM)						
		1	149-5070	9	TERMINAL (FEMALE)						
		1	163-6803	1	CONNECTOR-PLUG						
		1	230-5008	1	PLUG AS-CONNECTOR (4-PIN)						
		1	7Y-3950	2	TERMINAL (MALE)						
		1	7Y-3953	1	CONNECTOR-RECEPTACLE						
		1	149-5069	7	TERMINAL (FEMALE)						
		1	3S-2093	15	STRAP-CABLE						
		1	230-5008	1	PLUG AS-CONNECTOR (4-PIN)						
6		1	267-7671	1	SWITCH GP-TOGGLE (QUICK COUPLER)						
		1	105-5175	1	SWITCH AS-TOGGLE (QUICK COUPLER)						
		1	3L-8187	6	LOCKWASHER						
		1	6T-3631	2	NUT-HEX (15/32-32-THD)						
		1	6T-3632	1	LOCKWASHER						
		1	6T-3633	1	RING-LOCKING						
		1	6V-8374	6	SCREW-MACHINE (6-32X0.25-IN)						
		1	267-7672	1	HARNESS AS-WIRING (CAB)						
		1	3S-2093	1	STRAP-CABLE						
		1	121-1173	3	TERMINAL						
		1	167-3542	1	CONNECTOR-RECEPTACLE						
	7	1	267-7676	1	BRACKET AS						
M	8	1	9X-2042	7	SCREW-TRUSS HEAD (M6X1X12-MM)						
E-ORDER BY THE CENTIMETER											
M-METRIC PART											

ELECTRICAL AND STARTING SYSTEM

267-7642 WIRING GP-CAB (contd.)

i02663229



GRAPHIC #1

<END>

g01235651

ELECTRICAL AND STARTING SYSTEM

259-5045 WIRING GP-COMBINED FLOW

S/N: A6F1-UP; A8F1-UP

PART OF 259-7493, 259-7495 CONTROL AR-AUXILIARY
AN ATTACHMENT

SMCS-1408

i02790201

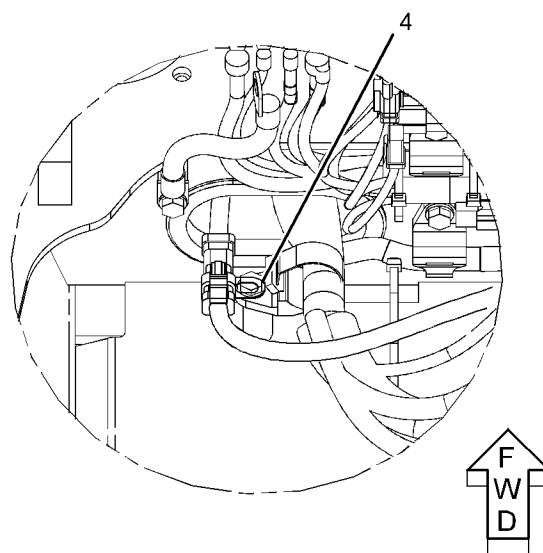
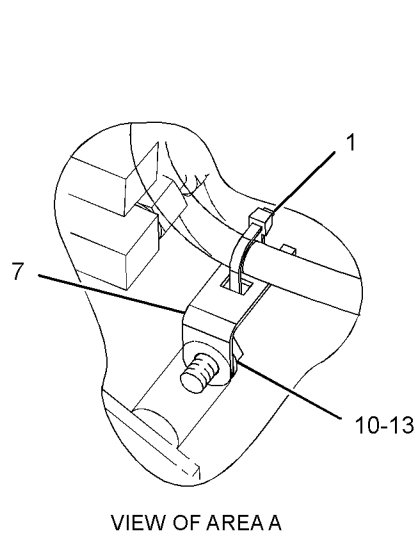
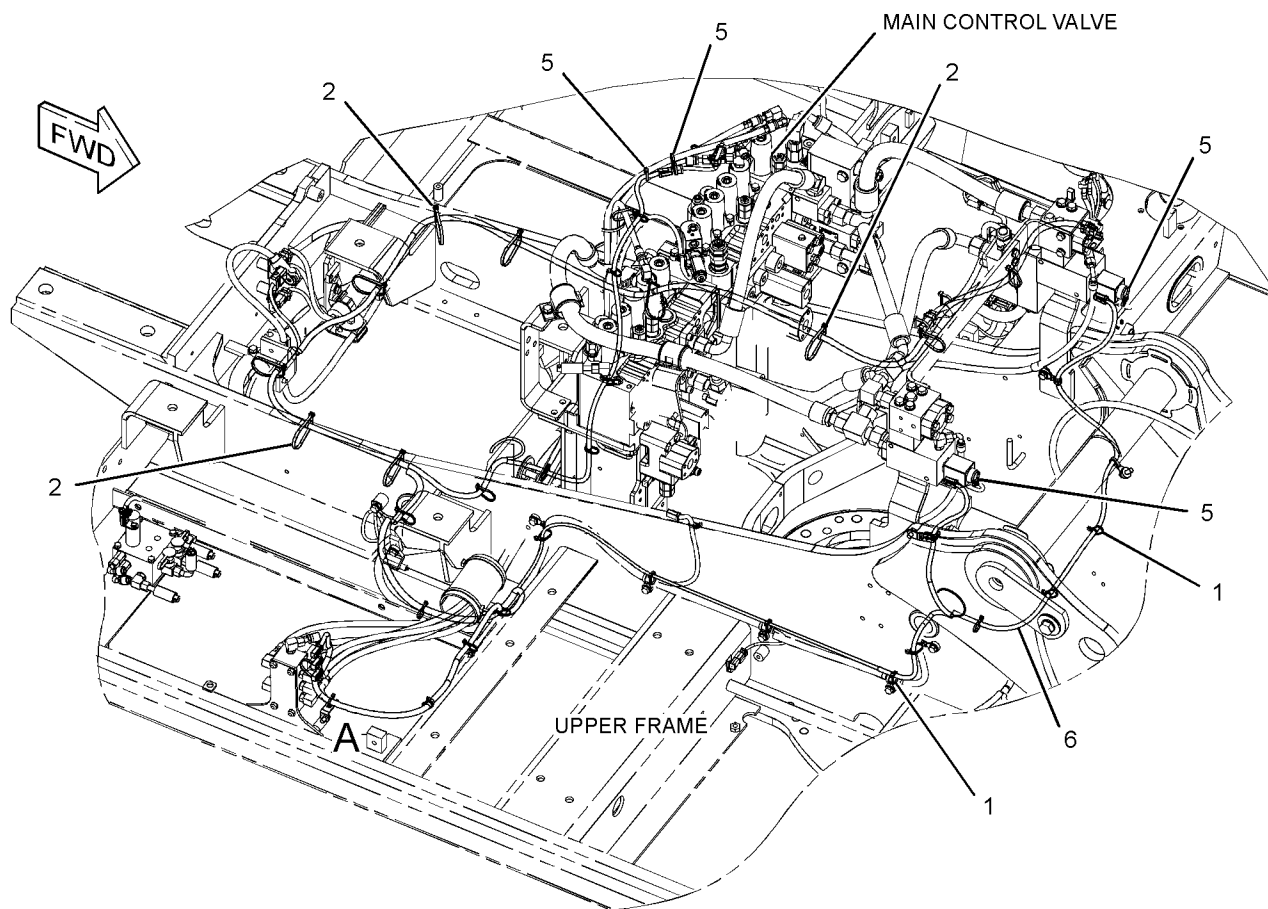
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1, 2	3S-2093	23	STRAP-CABLE	
	2	1	7K-1181	11	STRAP-CABLE	
	3	2	111-4836	2	CLIP	
	4	1	116-0118	1	CLIP	
	5	1	204-1611	4	STRAP-CABLE	
	6	1	267-7636	1	HARNESS AS-AUXILIARY	
		1	3S-2093	1	STRAP-CABLE	
E		1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (20-CM)	
		1	155-2270	6	KIT-CONNECTING PLUG (2-PIN)	
					(INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
		1	230-5010	1	PLUG AS-CONNECTOR (6-PIN)	
		1	264-7032	1	SEAL-CONNECTOR	
		1	243-4510	1	RECEPTACLE AS-CONNECTOR (12-PIN)	
		1	9W-0852	1	PIN-CONNECTOR (14-GA)	
	7	1	132-5789	1	CLIP	
	8	2	156-6175	1	CLIP	
	9	2	4P-7581	1	CLIP	
	10	1, 2	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)	
M	11	2	8T-4137	1	BOLT (M10X1.5X20-MM)	
M	12	2	8T-4171	1	BOLT (M6X1X12-MM)	
M	13	1, 2	8T-4191	2	BOLT (M10X1.5X16-MM)	
M	14	2	8T-4195	1	BOLT (M10X1.5X30-MM)	
	15	2	9X-8256	1	WASHER (6.6X12X2-MM THK)	

E-ORDER BY THE CENTIMETER
M-METRIC PART

ELECTRICAL AND STARTING SYSTEM

259-5045 WIRING GP-COMBINED FLOW (contd.)

i02790201



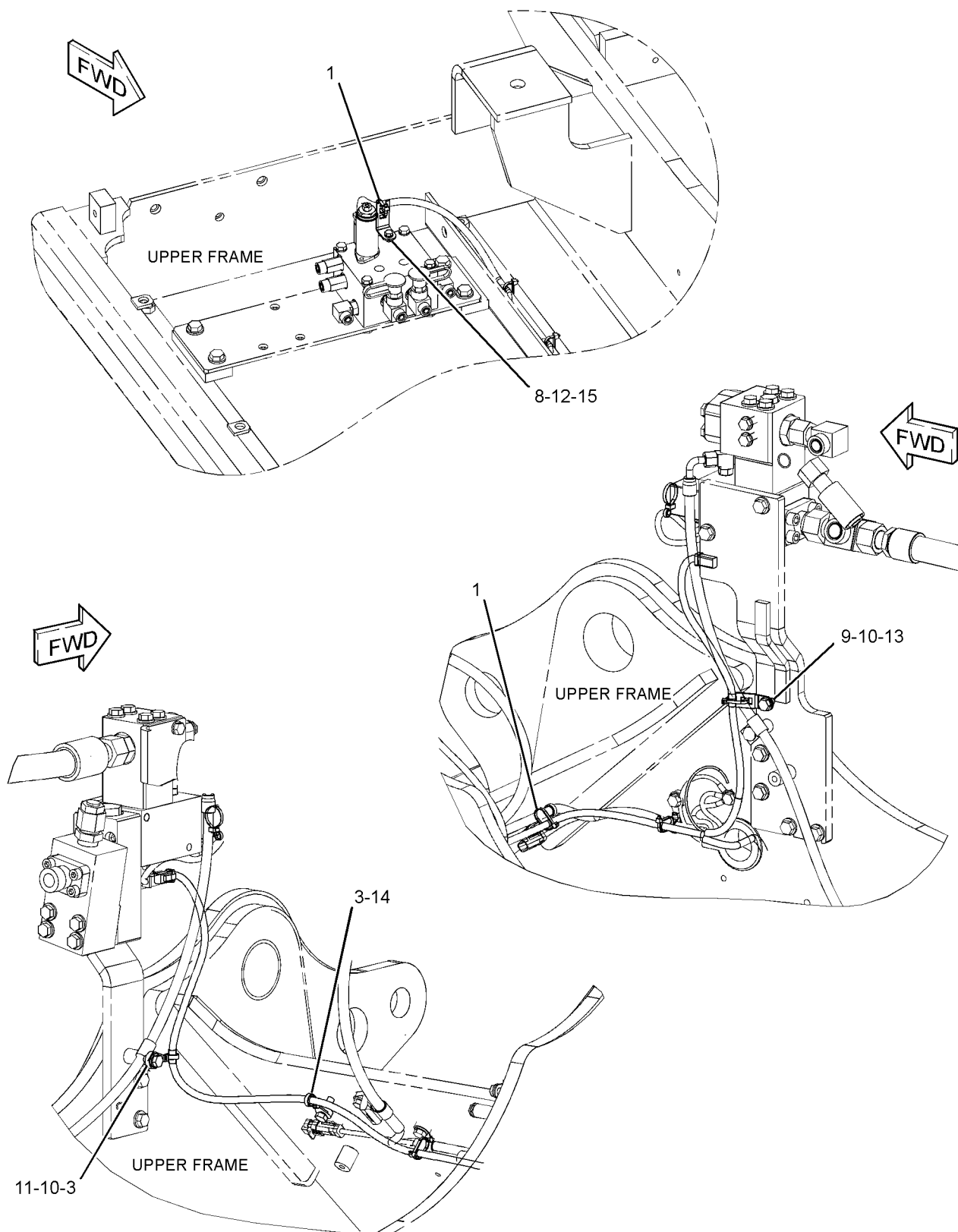
GRAPHIC #1

g01230607

ELECTRICAL AND STARTING SYSTEM

259-5045 WIRING GP-COMBINED FLOW (contd.)

i02790201



GRAPHIC #2

<END>

g01230609

ELECTRICAL AND STARTING SYSTEM

267-8007 WIRING GP-COMMUNICATION-PRODUCT LINK 321SR

S/N: A6F1-UP; A8F1-UP

PART OF 264-8665 INSTALLATION AR-COMMUNICATION
AN ATTACHMENT

SMCS-1408

i02789464

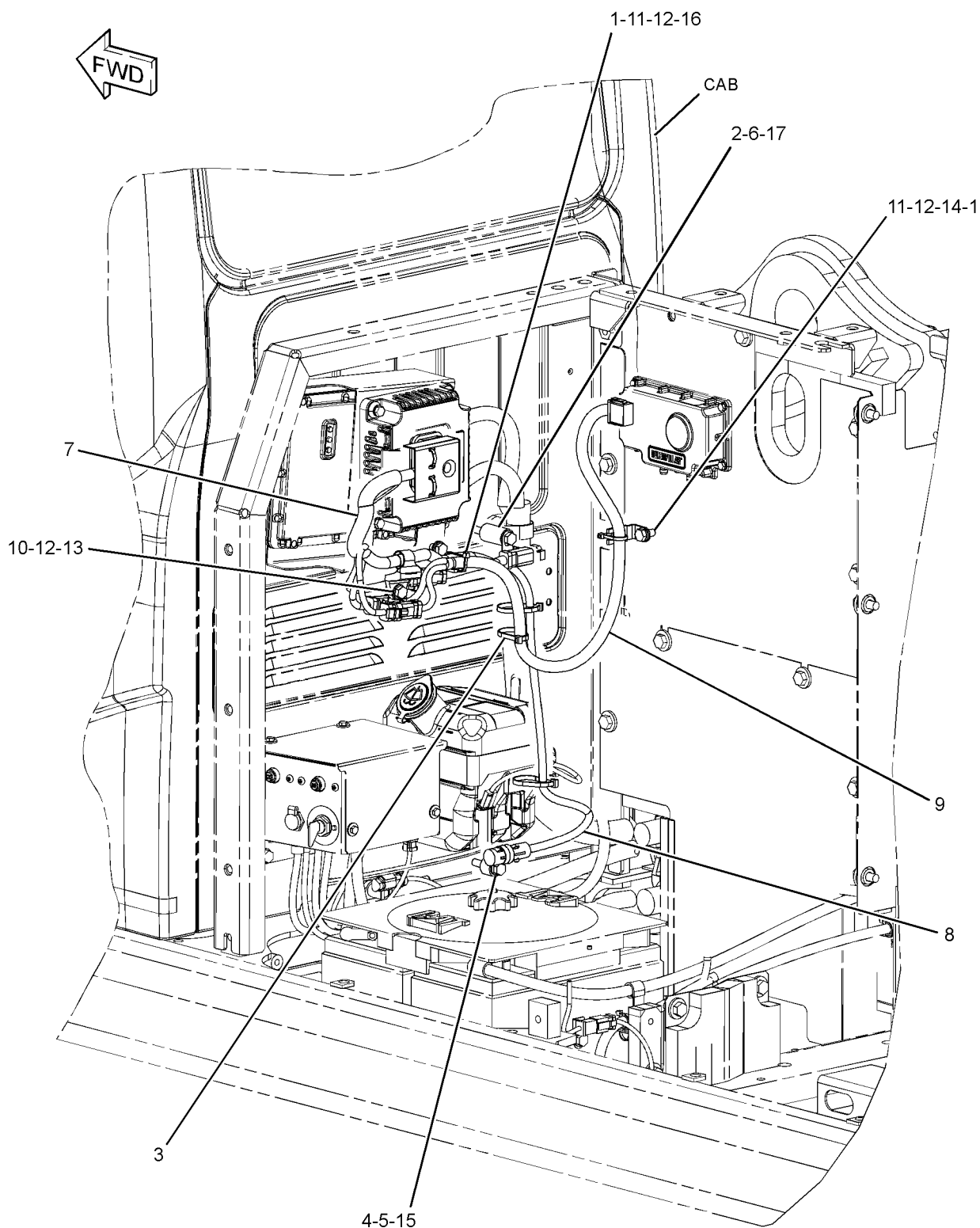
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	2	STRAP-CABLE						
	2	1	4I-7889	1	SPACER (11X25X45-MM THK)						
	3	1	7K-1181	3	STRAP-CABLE						
	4	1	9X-3495	1	CLIP AS						
	5	1	091-9035	1	SPACER (11X25X20-MM THK)						
	6	1	116-0118	3	CLIP						
	7	1	259-4887	1	HARNESS AS-CONTROL (PRODUCT LINK)						
		1	3S-2093	2	STRAP-CABLE						
E		1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (15-CM)						
E		1	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (5-CM)						
		1	126-1774	1	COVER-CONNECTOR						
		1	160-7690	1	PLUG AS-CONNECTOR (70-PIN)						
		1	230-5010	2	PLUG AS-CONNECTOR (6-PIN)						
		1	243-4508	2	RECEPTACLE AS-CONNECTOR (6-PIN)						
8		1	259-4940	1	HARNESS AS-WIRING (SERVICE CONNECTOR)						
		1	243-4508	1	RECEPTACLE AS-CONNECTOR (6-PIN)						
9		1	275-6979	1	HARNESS AS-CONTROL (PRODUCT LINK 121SR)						
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
					(INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
		1	230-5010	1	PLUG AS-CONNECTOR (6-PIN)						
		1	243-4508	1	RECEPTACLE AS-CONNECTOR (6-PIN)						
10		1	111-4837	1	CLIP						
11		1	132-5789	2	CLIP						
12		1	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)						
M	13	1	8T-4136	1	BOLT (M10X1.5X25-MM)						
M	14	1	8T-4137	1	BOLT (M10X1.5X20-MM)						
M	15	1	8T-4185	1	BOLT (M10X1.5X50-MM)						
M	16	1	8T-4191	1	BOLT (M10X1.5X16-MM)						
M	17	1	8T-5005	1	BOLT (M10X1.5X70-MM)						

E-ORDER BY THE CENTIMETER
M-METRIC PART

ELECTRICAL AND STARTING SYSTEM

267-8007 WIRING GP-COMMUNICATION (contd.)

i02789464



GRAPHIC #1

<END>

g01297008

ELECTRICAL AND STARTING SYSTEM

267-8008 WIRING GP-COMMUNICATION-PRODUCT LINK 121SR

S/N: A6F1-UP; A8F1-UP

PART OF 264-8666 INSTALLATION AR-COMMUNICATION
AN ATTACHMENT

SMCS-1408

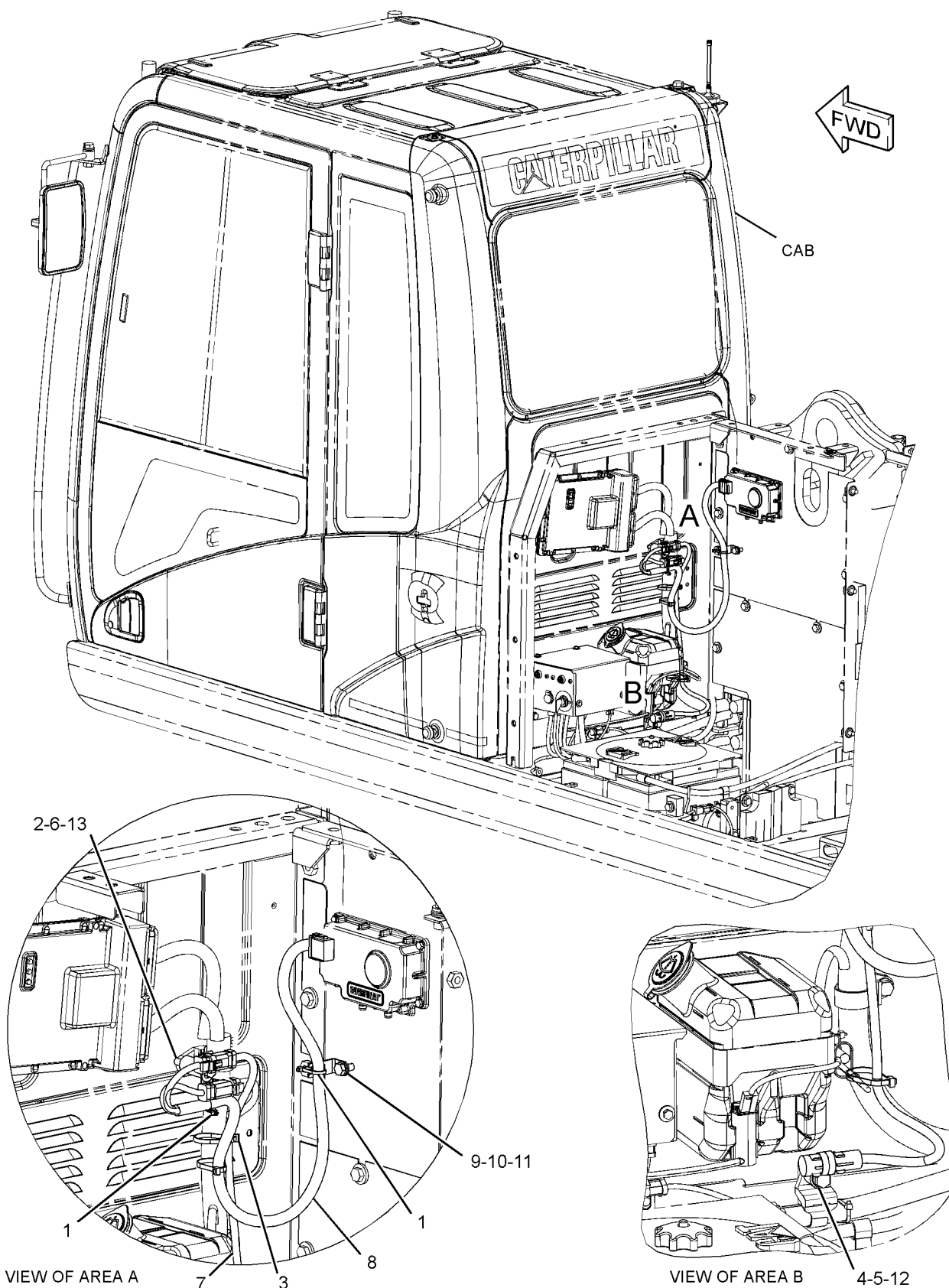
i02789409

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	2	STRAP-CABLE						
	2	1	4I-7889	1	SPACER (11X25X45-MM THK)						
	3	1	7K-1181	3	STRAP-CABLE						
	4	1	9X-3495	1	CLIP AS						
		1	8C-3334	2	RIVET-TUBULAR						
	5	1	091-9035	1	SPACER (11X25X20-MM THK)						
	6	1	116-0118	2	CLIP						
	7	1	259-4940	1	HARNESS AS-WIRING (SERVICE CONNECTOR)						
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2260	6	KIT-CONNECTING PLUG (3-PIN)						
					(INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
		1	243-4508		RECEPTACLE AS-CONNECTOR (6-PIN)						
	8	1	275-6979	1	HARNESS AS-CONTROL (PRODUCT LINK 121SR)						
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
					(INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
		1	230-5010	1	PLUG AS-CONNECTOR (6-PIN)						
		1	243-4508	1	RECEPTACLE AS-CONNECTOR (6-PIN)						
	9	1	132-5789	1	CLIP						
	10	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						
M	11	1	8T-4137	1	BOLT (M10X1.5X20-MM)						
M	12	1	8T-4185	1	BOLT (M10X1.5X50-MM)						
M	13	1	8T-5005	1	BOLT (M10X1.5X70-MM)						
M-METRIC PART											

ELECTRICAL AND STARTING SYSTEM

267-8008 WIRING GP-COMMUNICATION (contd.)

i02789409



GRAPHIC #1

<END>

g01229471

ELECTRICAL AND STARTING SYSTEM

231-1836 WIRING GP-CONSOLE-LH

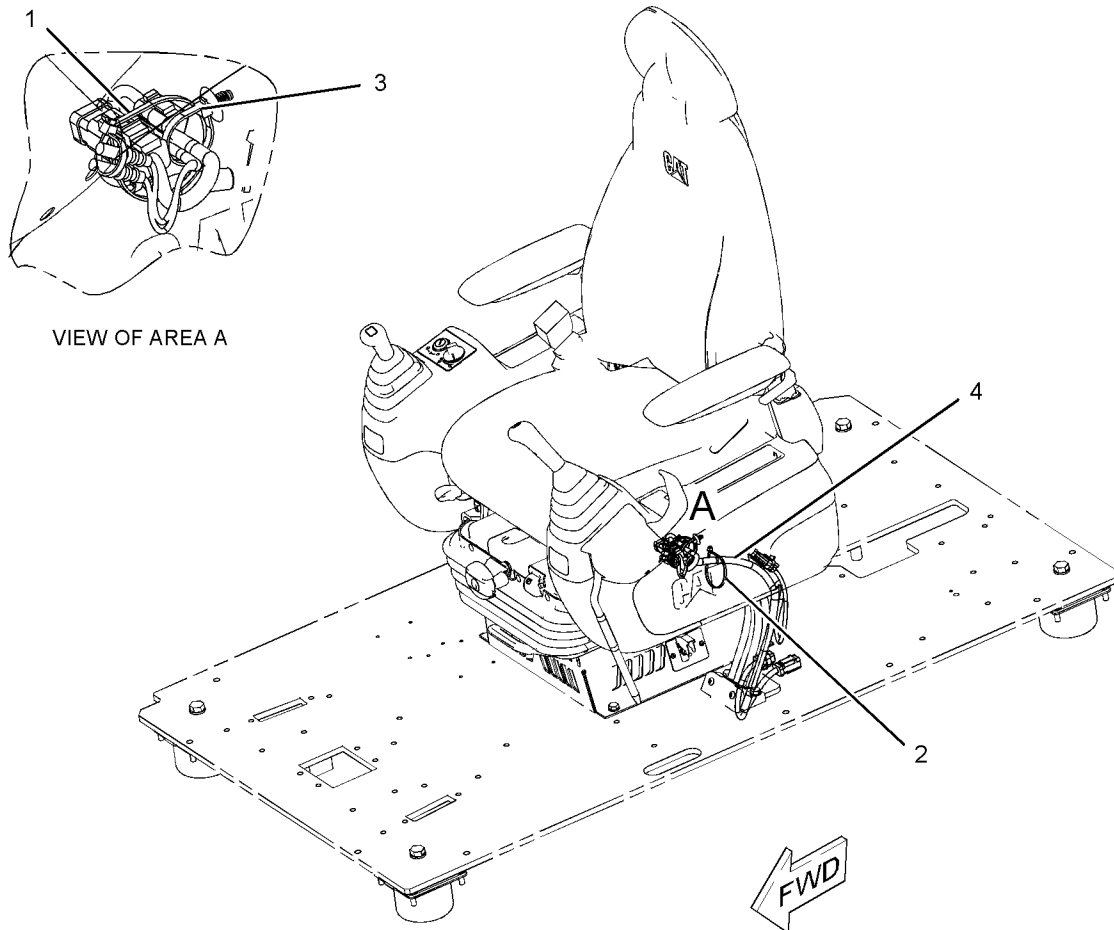
S/N: A6F1-UP; A8F1-UP

PART OF 274-7465 CONSOLE GP-OPERATOR, 251-0433 WIRING GP-CONSOLE

SMCS-1408

i02490120

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	2	STRAP-CABLE						
	2	1	7K-1181	1	STRAP-CABLE						
	3	1	163-6795	2	STRAP-CABLE						
	4	1	251-0580	1	HARNESS AS-CONSOLE (LH)						
		1	3S-2093	9	STRAP-CABLE						
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
					(INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
		1	230-4011	1	PLUG AS-CONNECTOR (2-PIN)						
		1	230-5010	1	PLUG AS-CONNECTOR (6-PIN)						
		1	239-7352	1	PLUG AS-CONNECTOR (6-PIN)						
		1	243-4505	1	RECEPTACLE AS-CONNECTOR (2-PIN)						
		1	243-4508	1	RECEPTACLE AS-CONNECTOR (6-PIN)						
		1	247-2693	1	RECEPTACLE AS-CONNECTOR (6-PIN)						



GRAPHIC #1

<END>

g01150799

ELECTRICAL AND STARTING SYSTEM

251-0433 WIRING GP-CONSOLE-MONITOR

S/N: A6F1-UP; A8F1-UP
PART OF 273-5387 OPERATOR AR

SMCS-1408

i02490116

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	231-1836	1	WIRING GP-CONSOLE (LH)						187
Y	251-0435	1	WIRING GP-CONSOLE (RH)						189
Y-SEPARATE ILLUSTRATION									
<END>									

ELECTRICAL AND STARTING SYSTEM

251-0435 WIRING GP-CONSOLE-RH

S/N: A6F1-UP; A8F1-UP

PART OF 274-7466 CONSOLE GP-OPERATOR, 251-0433 WIRING GP-CONSOLE

SMCS-1408

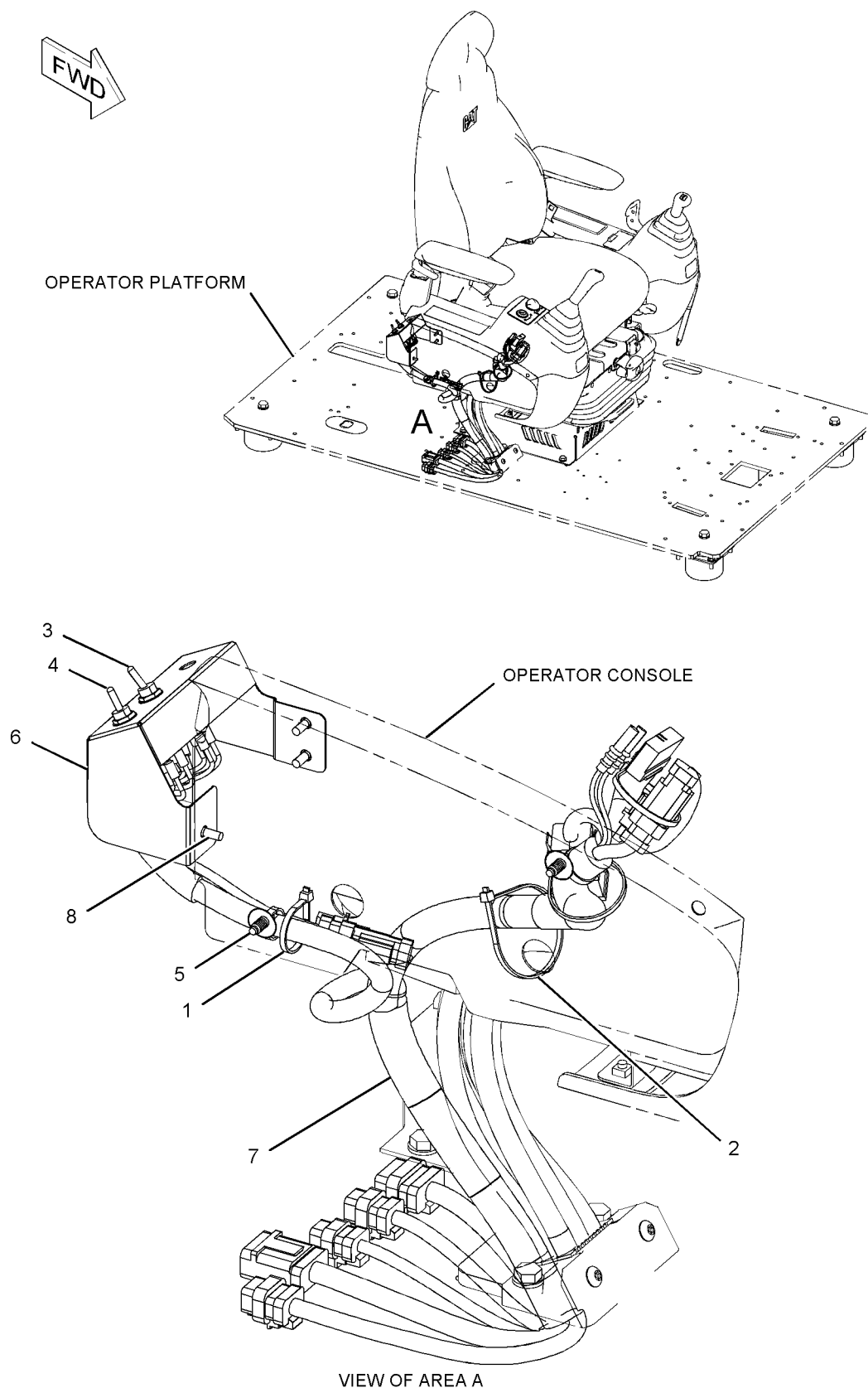
i02634692

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	3	STRAP-CABLE						
	2	1	7K-1181	1	STRAP-CABLE						
	3	1	283-3074	1	SWITCH AS-TOGGLE (AUTO/MANUAL ENG SPEED CONTROL)						
	4	1	163-6711	1	SWITCH AS-TOGGLE (MANUAL ENGINE SPEED CONTROL)						
	5	1	163-6795	3	STRAP-CABLE						
	6	1	251-0602	1	BRACKET						
	7	1	259-4877	1	HARNESS AS-CONSOLE (RH)						
		1	3S-2093	10	STRAP-CABLE						
		1	8T-8737	20	PLUG-SEAL						
		1	102-8806	1	KIT-RECEPTACLE (8-PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2265	1	KIT-CONNECTING PLUG (8-PIN) (INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
		1	230-4009	1	PLUG AS-CONNECTOR (12-PIN)						
		1	230-4011	1	PLUG AS-CONNECTOR (2-PIN)						
		1	230-5008	1	PLUG AS-CONNECTOR (4-PIN)						
		1	230-5010	1	PLUG AS-CONNECTOR (6-PIN)						
		1	231-2295	1	PLUG AS-CONNECTOR (8-PIN)						
		1	239-7352	1	PLUG AS-CONNECTOR (6-PIN)						
		1	243-4505	1	RECEPTACLE AS-CONNECTOR (2-PIN)						
		1	243-4510	1	RECEPTACLE AS-CONNECTOR (12-PIN)						
		1	247-2693	1	RECEPTACLE AS-CONNECTOR (6-PIN)						
M	8	1	9X-2042	3	SCREW-TRUSS HEAD (M6X1X12-MM)						
M-METRIC PART											

ELECTRICAL AND STARTING SYSTEM

251-0435 WIRING GP-CONSOLE (contd.)

i02634692



GRAPHIC #1

<END>

g01231684

ELECTRICAL AND STARTING SYSTEM

251-0485 WIRING GP-CONVERTER-12-VOLT, 7-AMPERE

S/N: A6F1-UP; A8F1-UP

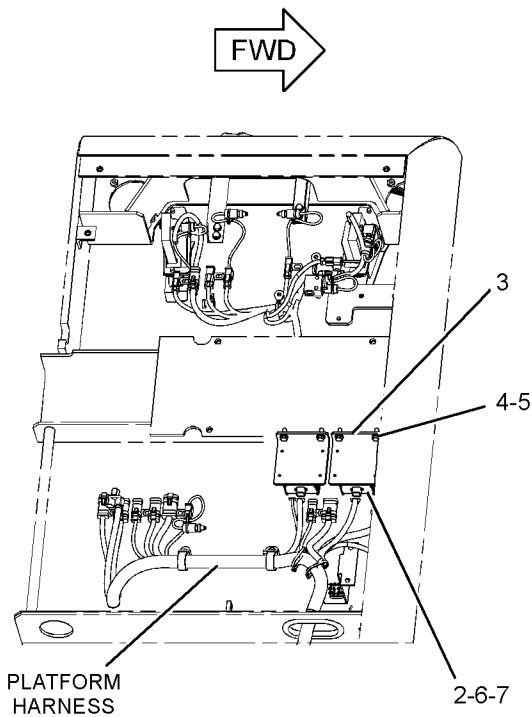
AN ATTACHMENT

SMCS-1421

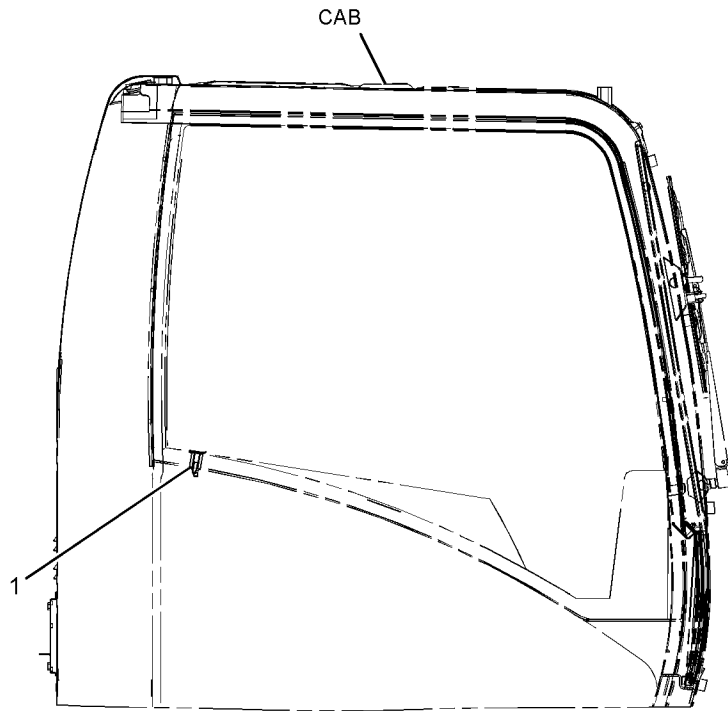
i02662326

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	121-0987	2	SOCKET (12-VOLT, 7-AMPERE)						
	2	1	283-2783	2	CONVERTER-POWER (24-VOLT TO 12-VOLT)						
	3	1	251-0483	2	BRACKET						
	4	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	5	1	8T-4136	4	BOLT (M10X1.5X25-MM)						
M	6	1	8T-4171	8	BOLT (M6X1X12-MM)						
	7	1	9X-8256	8	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



BOTTOM VIEW
(PLATFORM)



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g01155779

ELECTRICAL AND STARTING SYSTEM

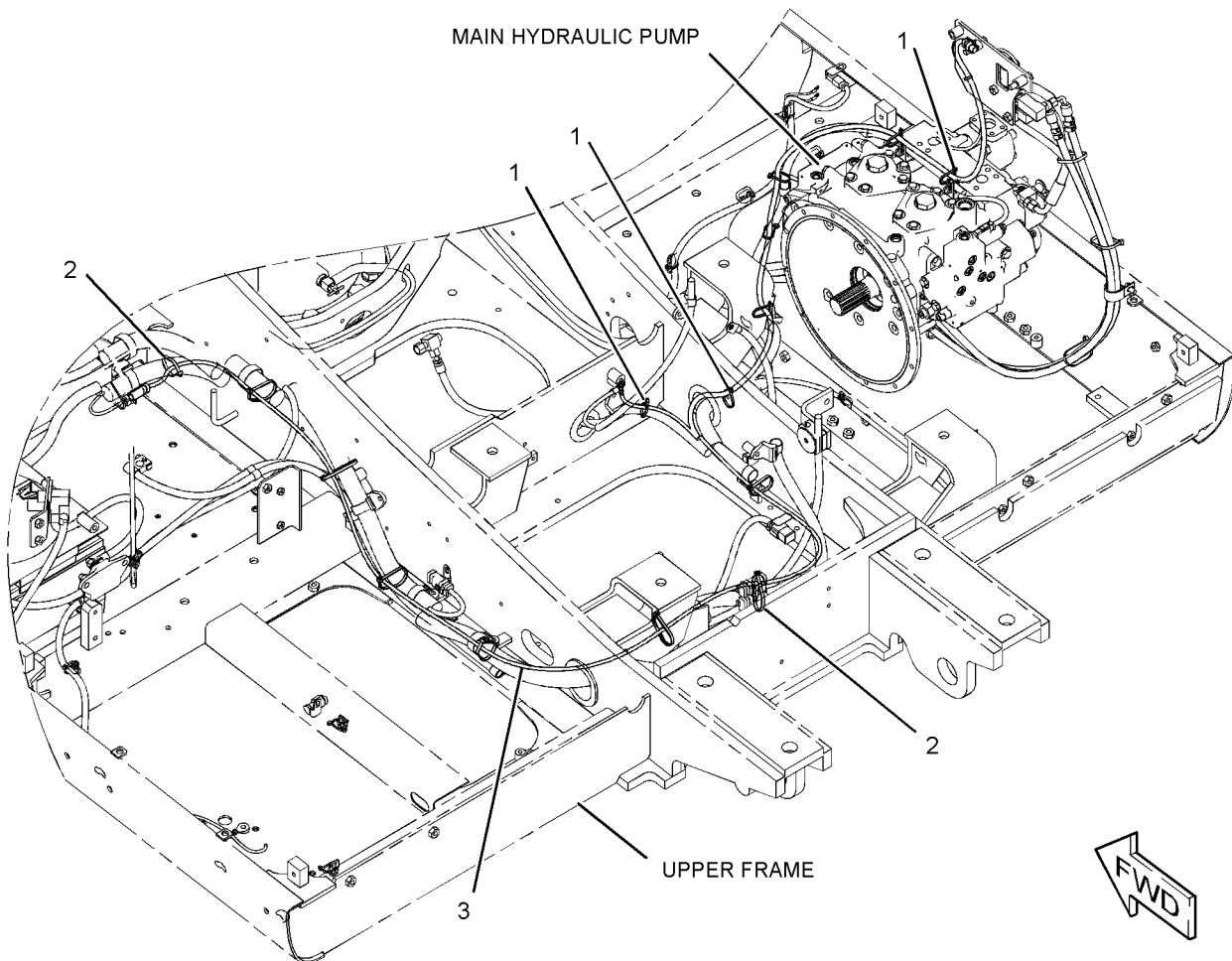
259-5044 WIRING GP-COUPLER

S/N: A6F1-UP; A8F1-UP
PART OF 288-7608 CONTROL AR-COUPLER
AN ATTACHMENT

SMCS-1408, 6129

i02783387

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	9	STRAP-CABLE						
	2	1	7K-1181	9	STRAP-CABLE						
	3	1	283-3041	1	HARNESS AS-SOLENOID (QUICK COUPLER)						
		1	230-4011	1	PLUG AS-CONNECTOR (2-PIN)						
		1	264-7029	1	SEAL-CONNECTOR						
		1	243-4505	1	RECEPTACLE AS-CONNECTOR (2-PIN)						



GRAPHIC #1

<END>

g01230088

ELECTRICAL AND STARTING SYSTEM

267-8002 WIRING GP-COUPLER

S/N: A6F1-UP; A8F1-UP

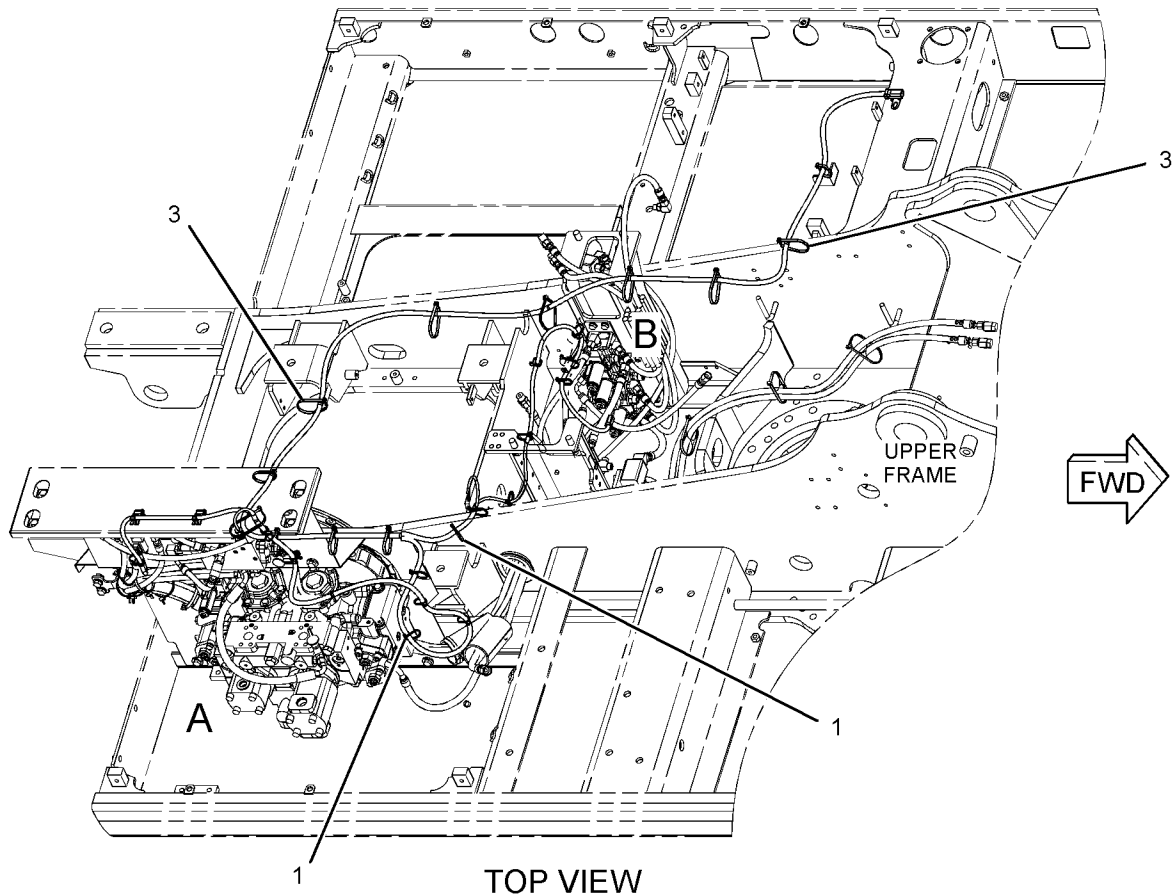
PART OF 277-0863 CONTROL AR-COUPLER
AN ATTACHMENT

SMCS-1408, 6129

i02783560

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1,2	3S-2093	13	STRAP-CABLE	
	2	2	7I-2673	2	STRAP-CABLE	
	3	1,2	7K-1181	15	STRAP-CABLE	
	4	2	116-0118	1	CLIP	
	5	2	283-3015	1	HARNESS AS-SOLENOID	
	6	2	132-5789	2	CLIP	
	7	2	4P-7581	1	CLIP	
	8	2	5P-4116	3	WASHER-HARD (8.8X20.5X2-MM THK)	
M	9	2	8T-4189	3	BOLT (M8X1.25X20-MM)	
M-METRIC PART						

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



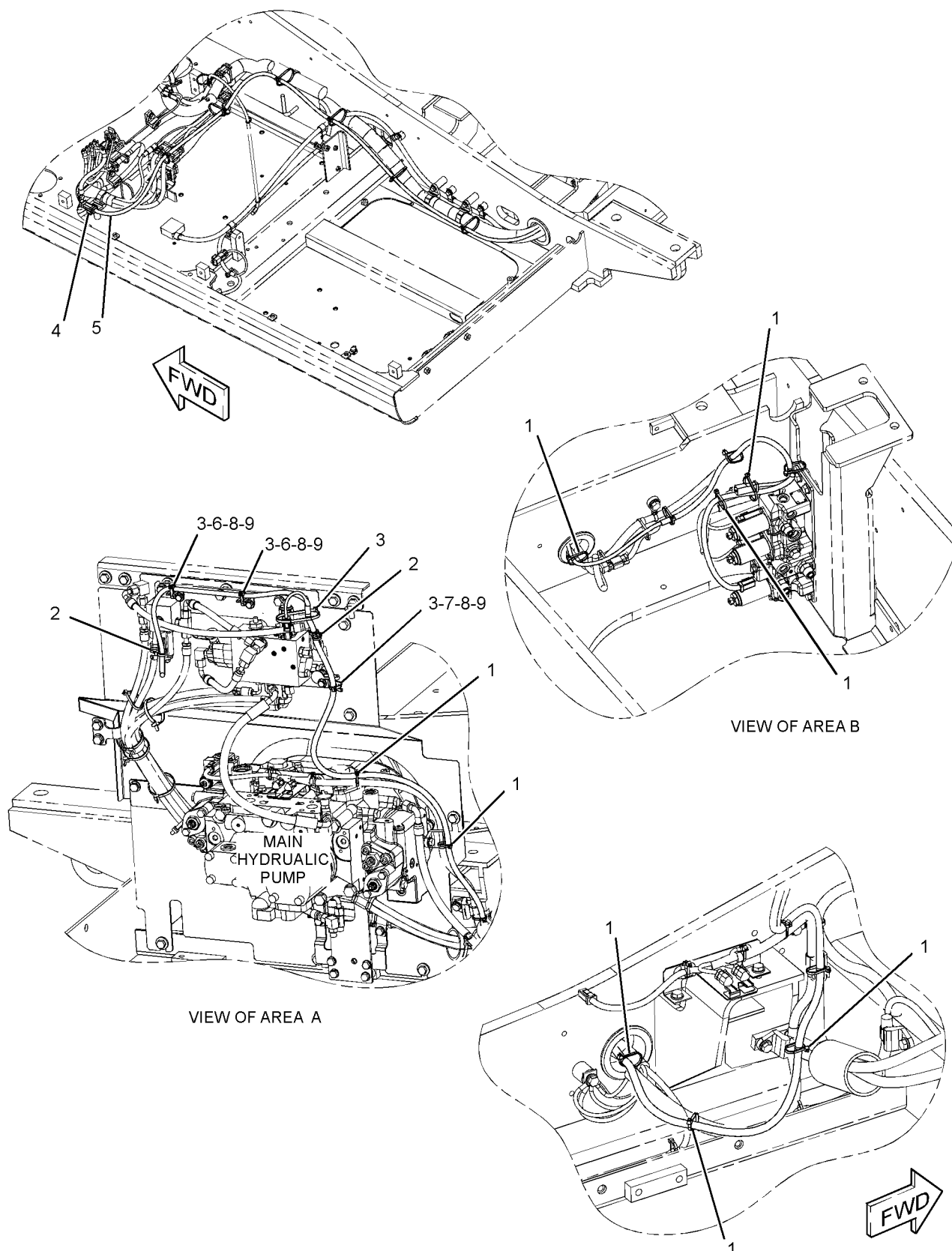
GRAPHIC #1

g01316032

ELECTRICAL AND STARTING SYSTEM

267-8002 WIRING GP-COUPLER (contd.)

i02783560



GRAPHIC #2

<END>

g01316033

ELECTRICAL AND STARTING SYSTEM

296-4665 WIRING GP-ELECTRONIC CONTROL

S/N: GDC1-UP

PART OF 272-4683 ENGINE AR

ALSO AN ATTACHMENT

SMCS-1408

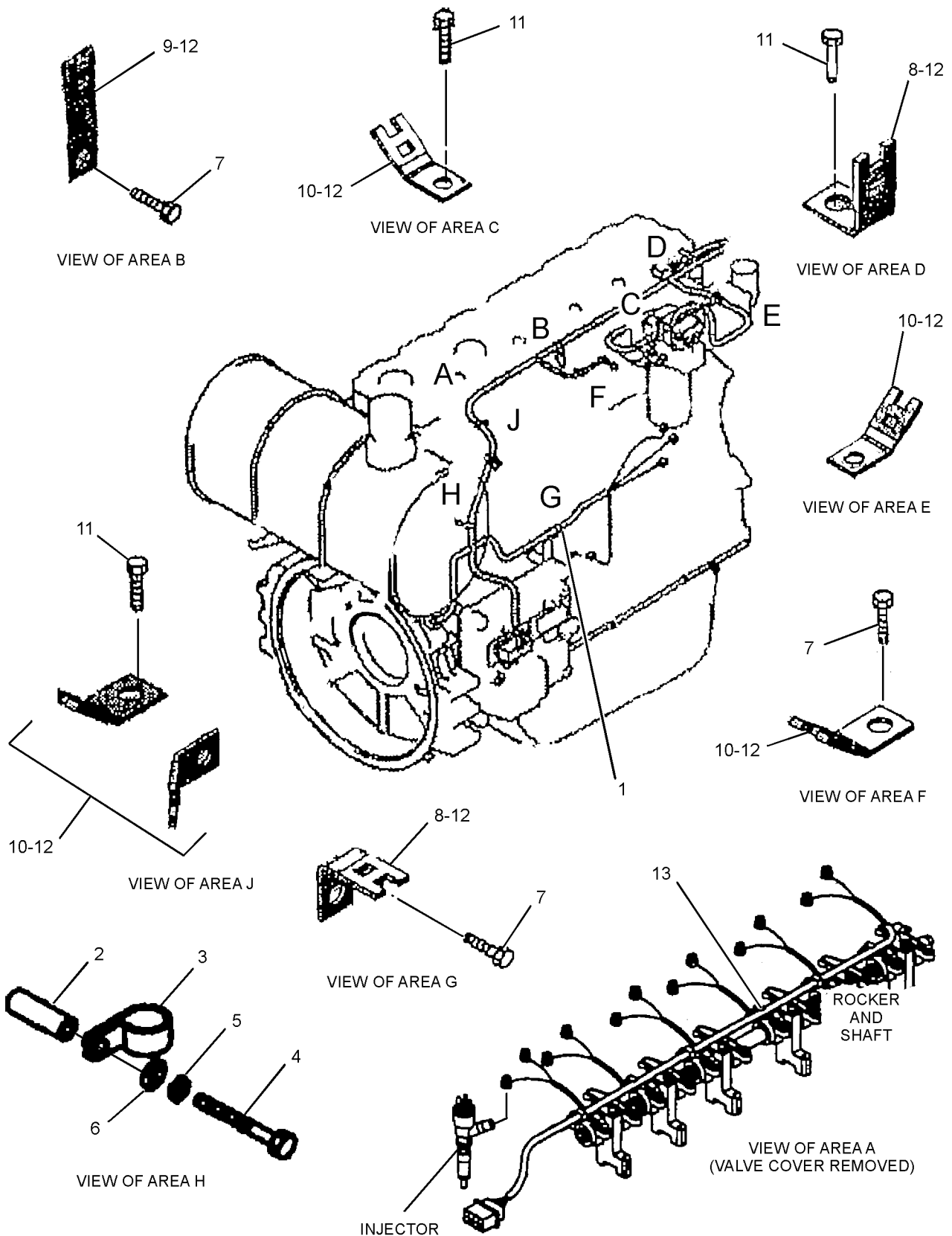
i02781967

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	296-4617	1	HARNESS AS-ENGINE (ELECTRONIC CONTROL MODULE)	
	2	1	296-4618	1	SPACER	
	3	1	296-4619	1	CLIP	
	4	1	099-4460	1	BOLT	
	5	1	096-2501	1	LOCKWASHER	
	6	1	8T-4223	1	WASHER-HARD (13.5X25.5X3-MM THK)	
	7	1	296-4621	3	BOLT (M6X1.25X23.5-MM)	
	8	1	305-4898	2	CLIP	
	9	1	305-4897	1	CLIP	
	10	1	305-4896	5	CLIP	
	11	1	282-8567	3	BOLT	
	12	1	305-4895	8	STRAP-CABLE	
	13	1	305-4893	1	HARNESS AS-ENGINE (FUEL INJECTION)	

ELECTRICAL AND STARTING SYSTEM

296-4665 WIRING GP-ELECTRONIC CONTROL (contd.)

i02781967



GRAPHIC #1

<END>

g01368395

ELECTRICAL AND STARTING SYSTEM

259-5051 WIRING GP-ENGINE-JUMP START

S/N: A6F1-UP; A8F1-UP

AN ATTACHMENT

SMCS-1408

i02790825

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2G-1830	1	RECEPTACLE AS						
		1	1S-7251	2	TERMINAL-RING (FOR 1/2-IN BOLT)						
E		1	5P-0747		CABLE (00-GA, BLACK) (49-CM)						
E		1	5P-0761		CABLE (00-GA, RED) (56-CM)						
	2	1	301-0091	1	COVER-TERMINAL (RED)						
	3	1	8S-2634	1	COVER AS						
Y	4	1	9W-0742	1	BLOCK GP-JUNCTION (BATTERY)						126
	5	1	251-0452	1	BRACKET						
	6	1	259-5097	1	CABLE AS						
		1	1S-7251	1	TERMINAL-RING (FOR 1/2-IN BOLT)						
E		1	5P-0761		CABLE (00-GA, RED) (30-CM)						
		1	301-0091	1	COVER-TERMINAL (RED)						
		1	9G-0004	1	COVER-TERMINAL (RED)						
		1	8C-5917	1	TERMINAL AS-BATTERY (POSITIVE)						
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)						
		1	1M-6120	1	NUT (5/16-18-THD)						
	7	1	299-2798	1	CABLE AS						
		1	1S-7251	1	TERMINAL-RING (FOR 1/2-IN BOLT)						
		1	1S-7252	1	TERMINAL-RING (FOR 3/8-IN BOLT)						
E		1	5P-0761		CABLE (00-GA, RED) (292-CM)						
		1	8N-0869	1	COVER-TERMINAL (RED)						
		1	301-0091	1	COVER-TERMINAL (RED)						
	8	1	4I-7889	1	SPACER (11X25X45-MM THK)						
	9	1	4K-8864	1	CLIP						
M	10	1	5C-9553	4	BOLT (M6X1X16-MM)						
	11	1	5P-4115	4	WASHER-HARD (7.2X19X2-MM THK)						
	12	1	8T-4121	5	WASHER-HARD (11X21X2.5-MM THK)						
M	13	1	8T-4136	2	BOLT (M10X1.5X25-MM)						
M	14	1	8T-4137	2	BOLT (M10X1.5X20-MM)						
M	15	1	8T-5005	1	BOLT (M10X1.5X70-MM)						

E-ORDER BY THE CENTIMETER

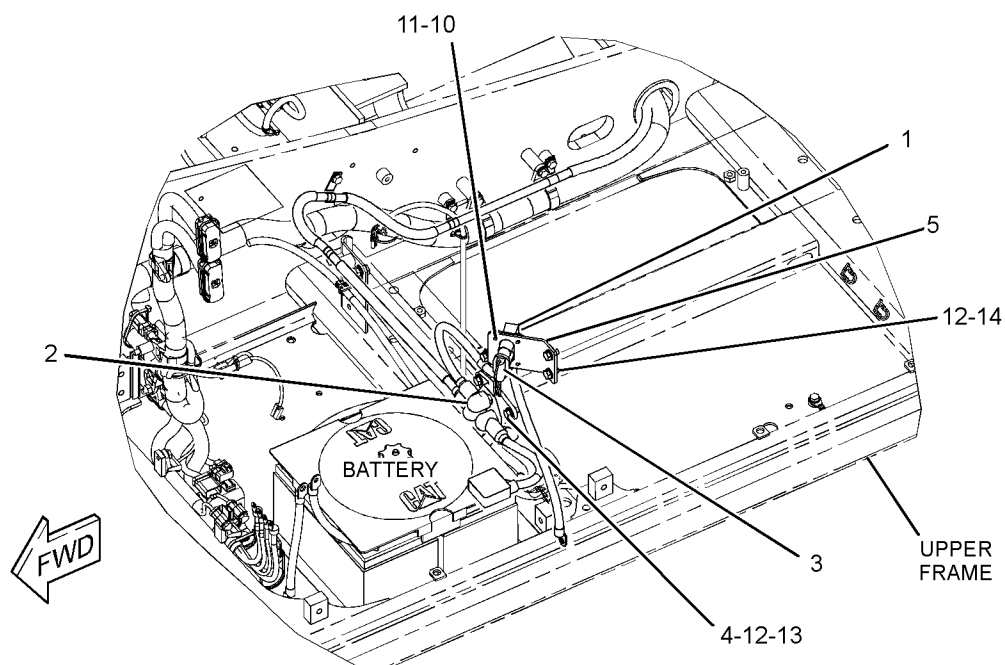
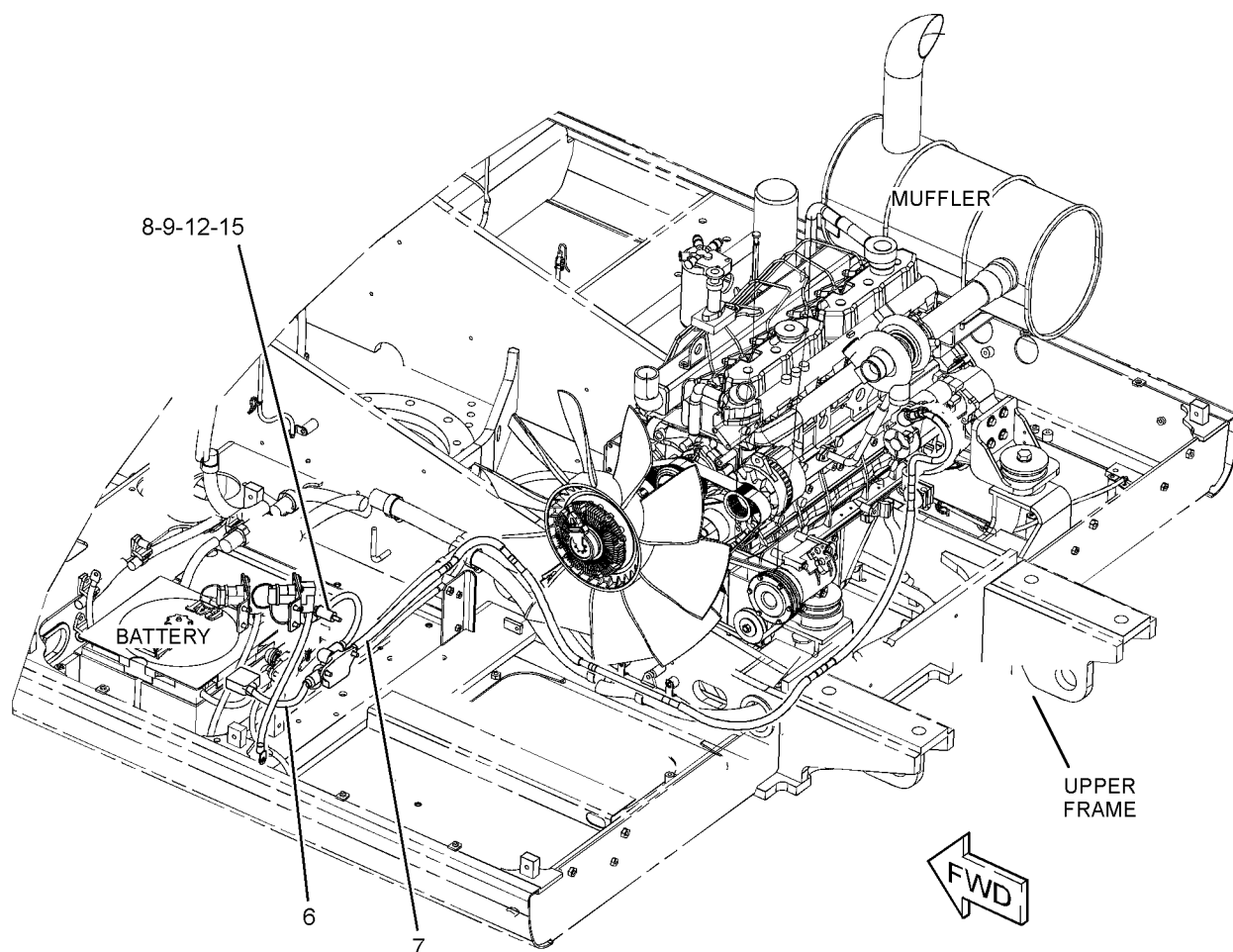
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

259-5051 WIRING GP-ENGINE (contd.)

i02790825



GRAPHIC #1

<END>

g01397273

ELECTRICAL AND STARTING SYSTEM

291-7463 WIRING GP-FAN-FLUID CLUTCH

S/N: A6F1-UP; A8F1-UP

PART OF 306-8501 WIRING GP-FAN

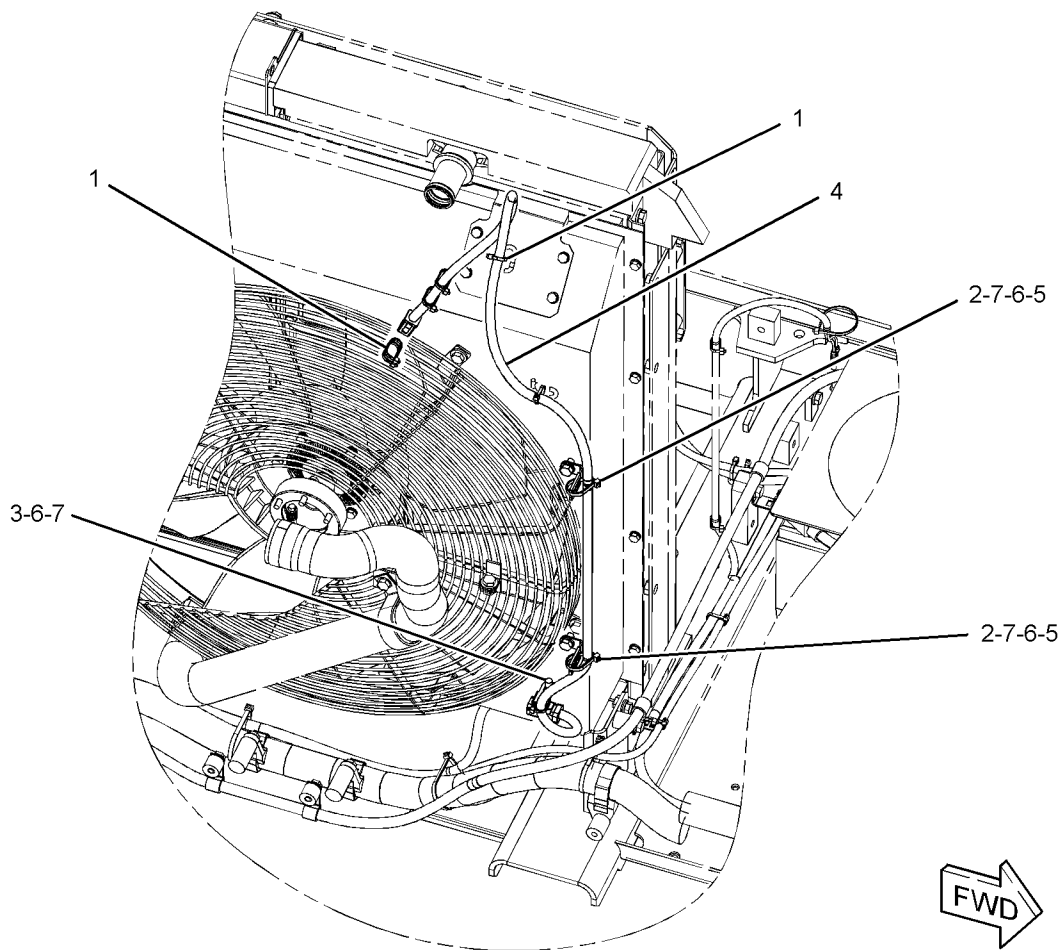
AN ATTACHMENT

SMCS - 1408

i02783272

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6	
	1	1	3S-2093	7	STRAP - CABLE						
	2	1	7K-1181	2	STRAP - CABLE						
	3	1	116-0118	1	CLIP						
	4	1	275-6846	1	HARNESS AS-SOLENOID (FAN)						
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)						
					(INCLUDES PLUG AS , WEDGE & INTERFACE SEAL)						
		1	243-4508	1	RECEPTACLE AS-CONNECTOR (6-PIN)						
	5	1	132-5789	2	CLIP						
	6	1	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)						
M	7	1	8T-4191	3	BOLT (M10X1.5X16-MM)						

M - METRIC PART



GRAPHIC #1

<END>

g01315917

ELECTRICAL AND STARTING SYSTEM

291 - 7716 WIRING GP - FAN-HYD FAN CTL, AIR TEMP CTL

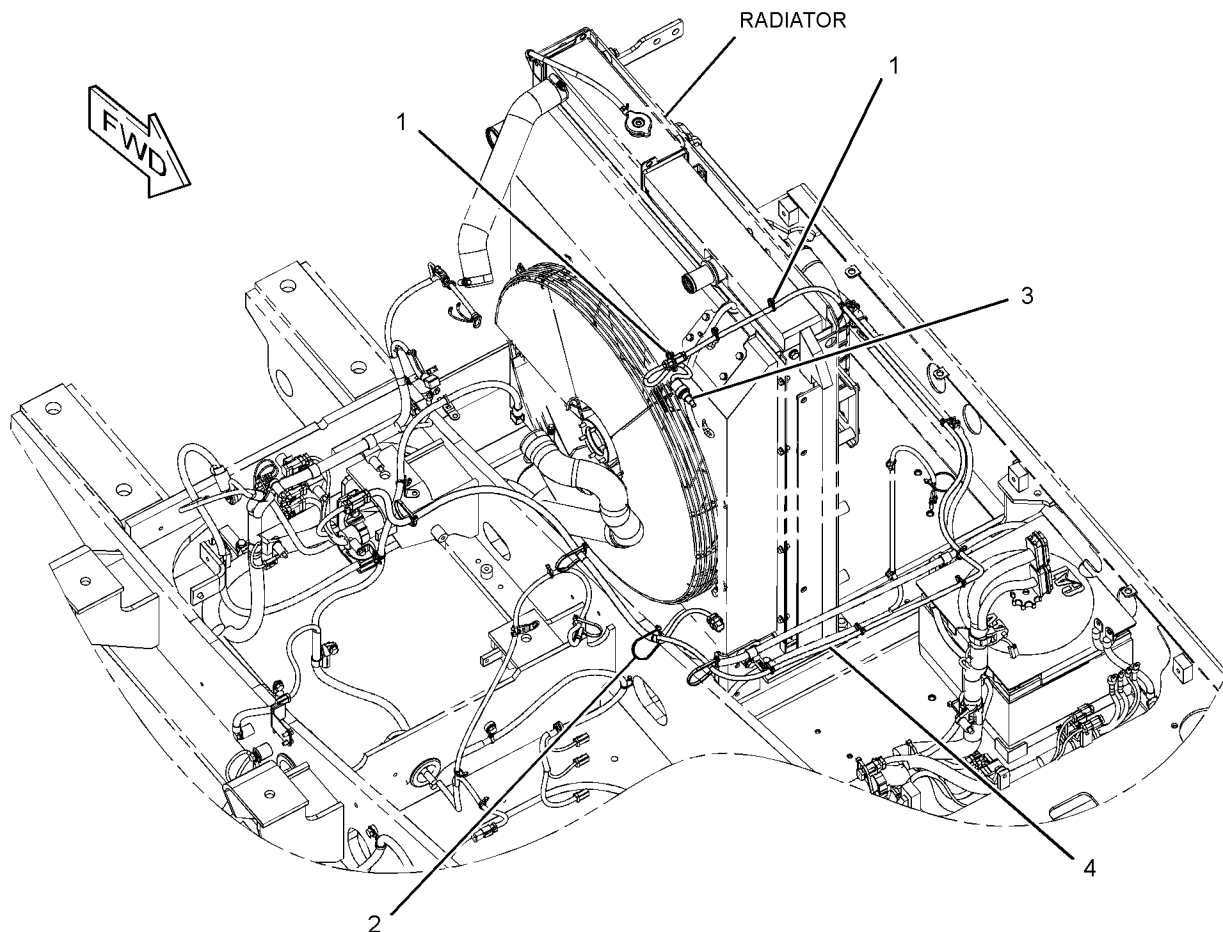
S/N: A6F1-UP; A8F1-UP
PART OF 306-8501 WIRING GP - FAN
AN ATTACHMENT

SMCS - 1408

i02783276

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	9	STRAP - CABLE						
	2	1	7K-1181	4	STRAP - CABLE						
	3	1	107-8618	1	SENSOR GP - TEMPERATURE (AMBIENT AIR, RAD FAN CLUTCH)						
		1	102-8803	1	KIT-RECEPTACLE (3-PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
		1	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)						
E		1	112-4550		SLEEVE (31-CM)						
	4	1	275-6803	1	HARNESS AS - PUMP						
		1	3S-2093	1	STRAP - CABLE						
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN) (INCLUDES PLUG AS, WEDGE, & INTERFACE SEAL)						
		1	230-5010	1	PLUG AS-CONNECTOR (6-PIN)						
		1	264-7032	1	SEAL - CONNECTOR						
		1	243-4509	1	RECEPTACLE AS-CONNECTOR (8-PIN)						

E - ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g01383567

ELECTRICAL AND STARTING SYSTEM

306-8501 WIRING GP-FAN-FLUID CLUTCH

S/N: A6F1-UP; A8F1-UP

PART OF 298-4272 COOLING AR-HIGH AMBIENT TEMP
AN ATTACHMENT

SMCS-1408

i02783184

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	291-7463	1	WIRING GP-FAN (FAN CLUTCH)						199
Y	291-7716	1	WIRING GP-FAN (HYD FAN CTL, AIR TEMP CTL)						200
Y-SEPARATE ILLUSTRATION									

<END>

ELECTRICAL AND STARTING SYSTEM

259-5052 WIRING GP-FINE SWING

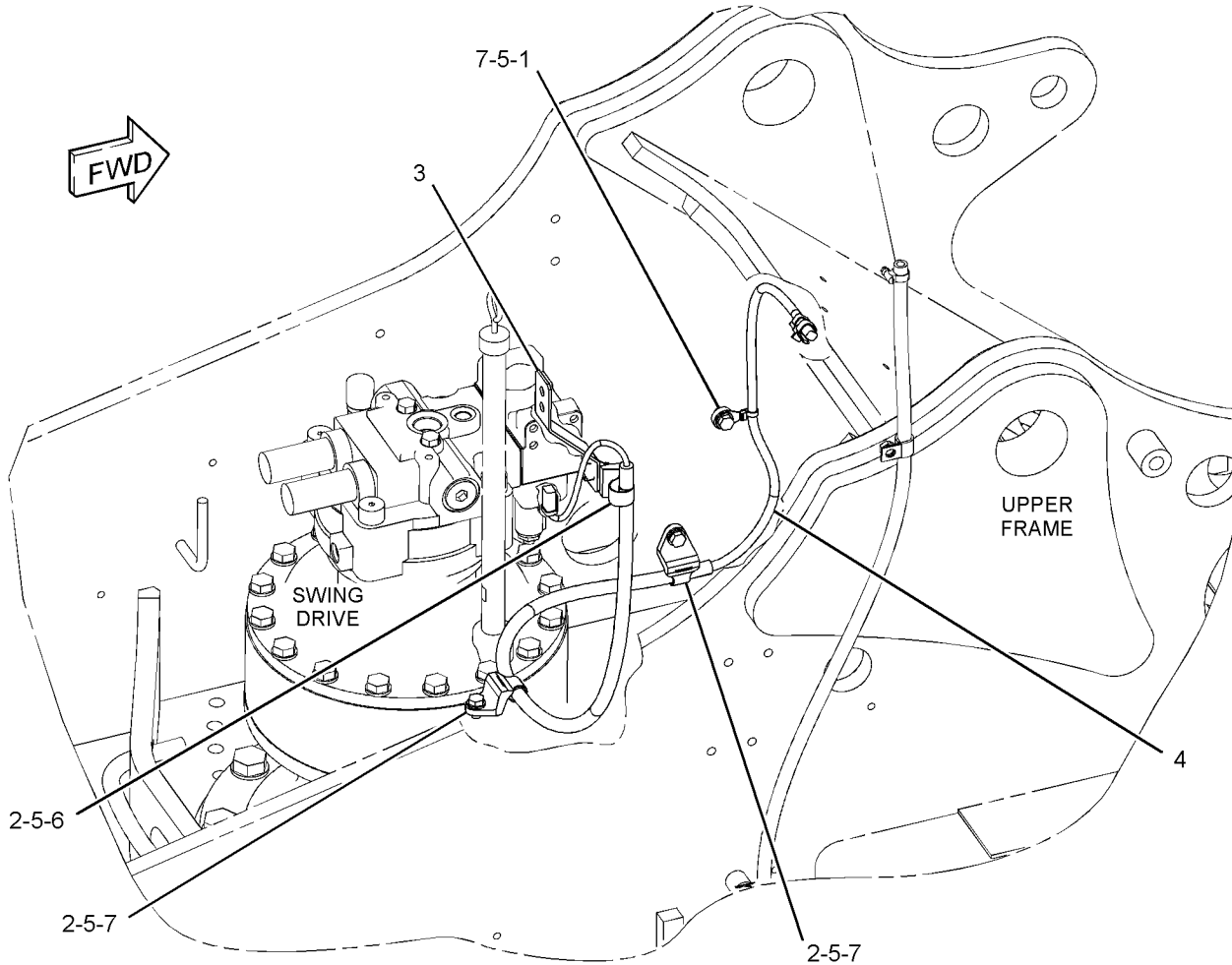
S/N: A6F1-UP; A8F1-UP

PART OF 264-8638, 264-8639 CHASSIS AR

SMCS-1408

i02770500

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	111-4836	1	CLIP						
	2	1	111-4837	3	CLIP						
	3	1	238-2171	1	BRACKET AS						
	4	1	259-5129	1	HARNESS AS-SOLENOID						
	5	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	6	1	8T-4136	1	BOLT (M10X1.5X25-MM)						
M	7	1	8T-4137	3	BOLT (M10X1.5X20-MM)						
M-METRIC PART											



GRAPHIC #1

<END>

g01392705

ELECTRICAL AND STARTING SYSTEM

238-1570 WIRING GP-FUEL SYSTEM-REFUELING

S/N: A6F1-UP; A8F1-UP

PART OF 264-8770 PUMP AR-FUEL TRANSFER
AN ATTACHMENT

SMCS-1408

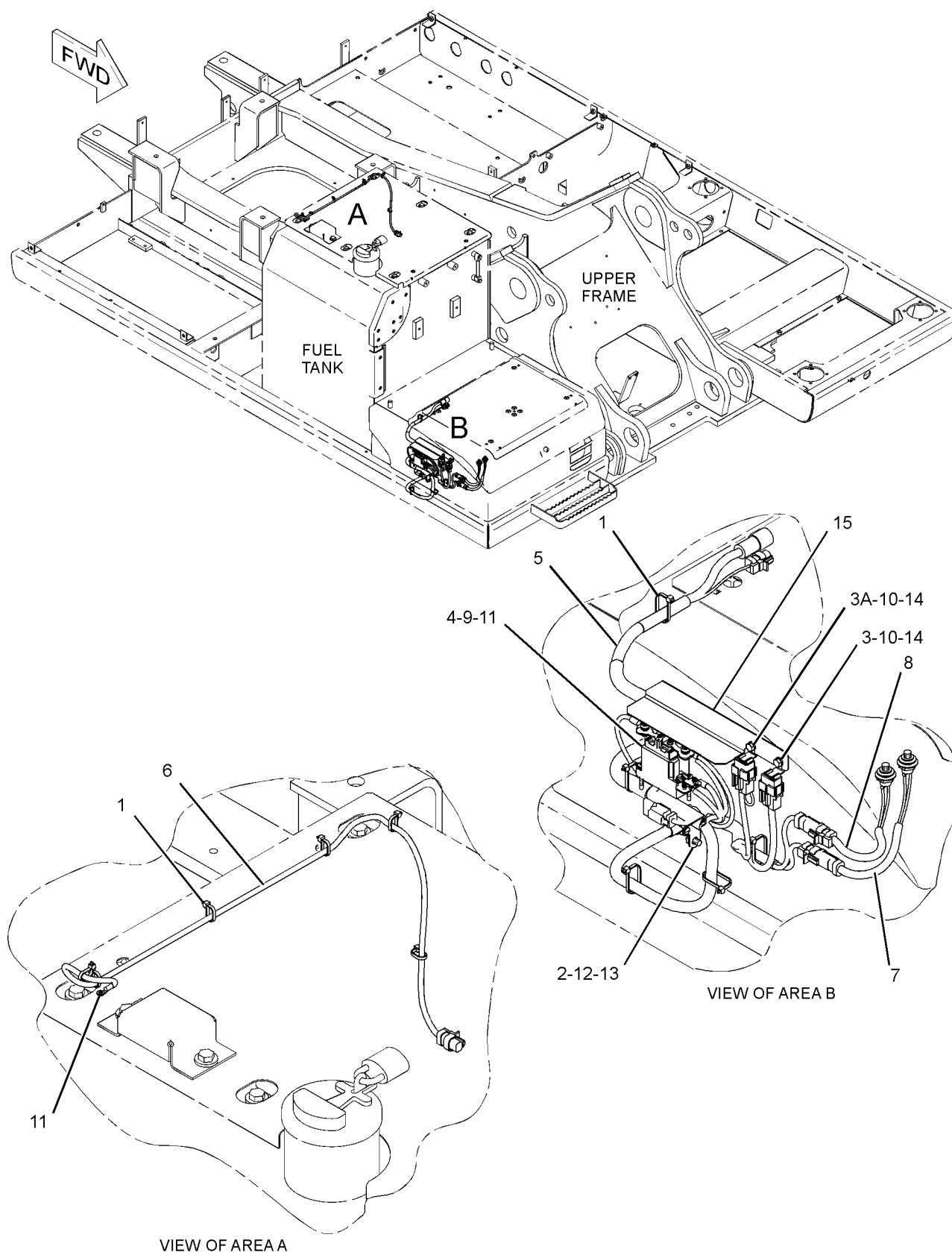
i02499710

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	16	STRAP-CABLE						
	2	1	9X-3495	1	CLIP AS						
	3	1	149-5050	1	RELAY (24-VOLT) (REFUELING PUMP, STOP)						
	3A	1	149-5050	1	RELAY (24-VOLT) (REFUELING PUMP, START)						
	4	1	213-0772	1	SWITCH AS-MAGNETIC (24-VOLT) (MAIN RELAY)						
	5	1	238-1579	1	HARNESS AS-PUMP (REFUELING)						
		1	155-2270	2	KIT-CONNECTING PLUG (2-PIN)						
					(INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
		1	3S-2093	3	STRAP-CABLE						
		1	116-0126	1	HOUSING-PLUG						
		1	116-0255	2	TERMINAL (FEMALE)						
E		1	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (7-CM)						
		1	121-1038	1	HOUSING-RECEPTACLE						
		1	121-1039	2	TERMINAL (MALE)						
E		1	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (10-CM)						
		1	149-5051	4	CONNECTOR						
		1	149-5069	4	TERMINAL (FEMALE)						
		1	149-5070	4	TERMINAL (FEMALE)						
		1	197-4385	1	DIODE						
		1	230-4011	2	PLUG AS-CONNECTOR (2-PIN)						
		1	243-4505	1	RECEPTACLE AS-CONNECTOR (2-PIN)						
6		1	238-1593	1	WIRE AS						
7		1	238-1594	1	SWITCH GP-PUSH BUTTON (REFUELING PUMP, START)						
		1	1S-0812	2	SCREW-TAPPING						
		1	3K-0835	1	NUT (5/8-24-THD)						
		1	6F-0253	1	LOCKWASHER						
		1	8T-8748	1	ADAPTER-MOUNT						
		1	238-1595	1	HARNESS AS-SWITCH (REFUELING PUMP, START)						
		1	243-4505	1	RECEPTACLE AS-CONNECTOR (2-PIN)						
		1	230-4012	1	RECEPTACLE AS-CONNECTOR (2-PIN)						
8		1	238-1596	1	SWITCH GP-PUSH BUTTON (REFUELING PUMP, STOP)						
		1	1S-0812	2	SCREW-TAPPING						
		1	3K-0835	1	NUT (5/8-24-THD)						
		1	6F-0253	1	LOCKWASHER						
		1	8T-8748	1	ADAPTER-MOUNT						
		1	238-1597	1	HARNESS AS-SWITCH (REFUELING PUMP, STOP)						
		1	230-4011	1	PLUG AS-CONNECTOR (2-PIN)						
M	9	1	096-2591	2	SCREW-MACHINE (M5X0.8X35-MM)						
M	10	1	7X-2619	2	BOLT (M6X1X10-MM)						
	11	1	8T-0328	3	WASHER-HARD (5.5X10X1-MM THK)						
M	12	1	8T-4199	1	BOLT (M8X1.25X12-MM)						
	13	1	8T-4224	1	WASHER-HARD (8.8X16X2-MM THK)						
	14	1	9X-8256	2	WASHER (6.6X12X2-MM THK)						
	15	1	275-6993	1	COVER						
E-ORDER BY THE CENTIMETER											
M-METRIC PART											

ELECTRICAL AND STARTING SYSTEM

238 - 1570 WIRING GP - FUEL SYSTEM (contd.)

i02499710



GRAPHIC #1

<END>

g01236374

ELECTRICAL AND STARTING SYSTEM

275 - 7003 WIRING GP - PLATFORM

S/N: A6F1-UP; A8F1-UP
PART OF 273-5387 OPERATOR AR

SMCS - 1408

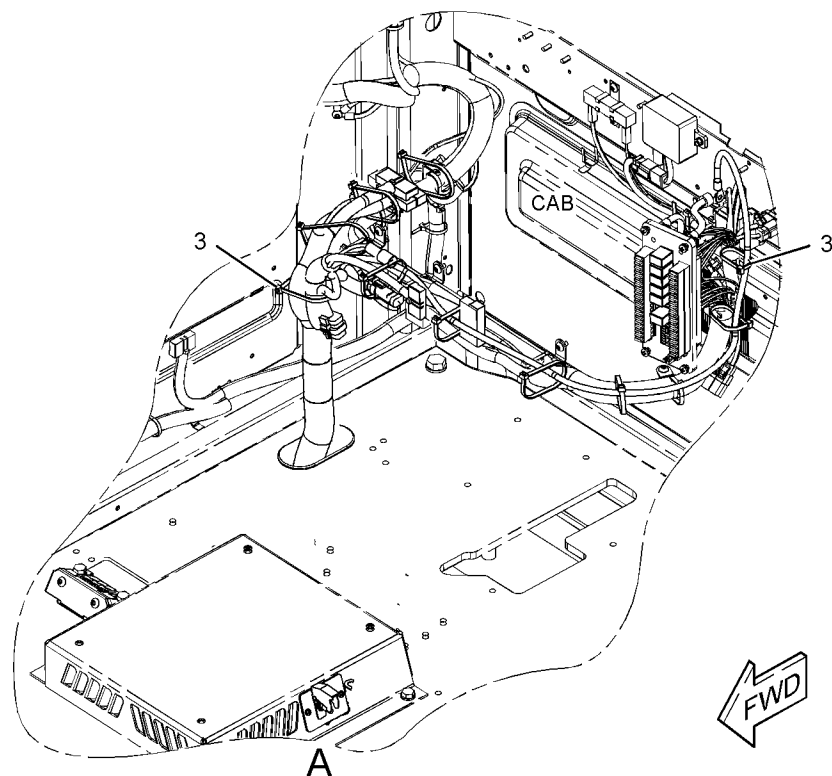
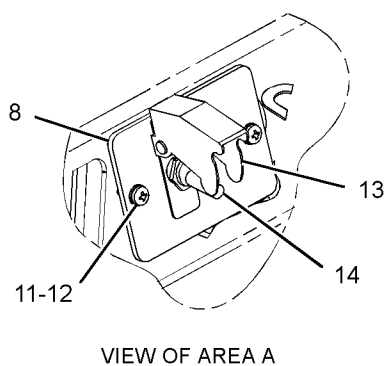
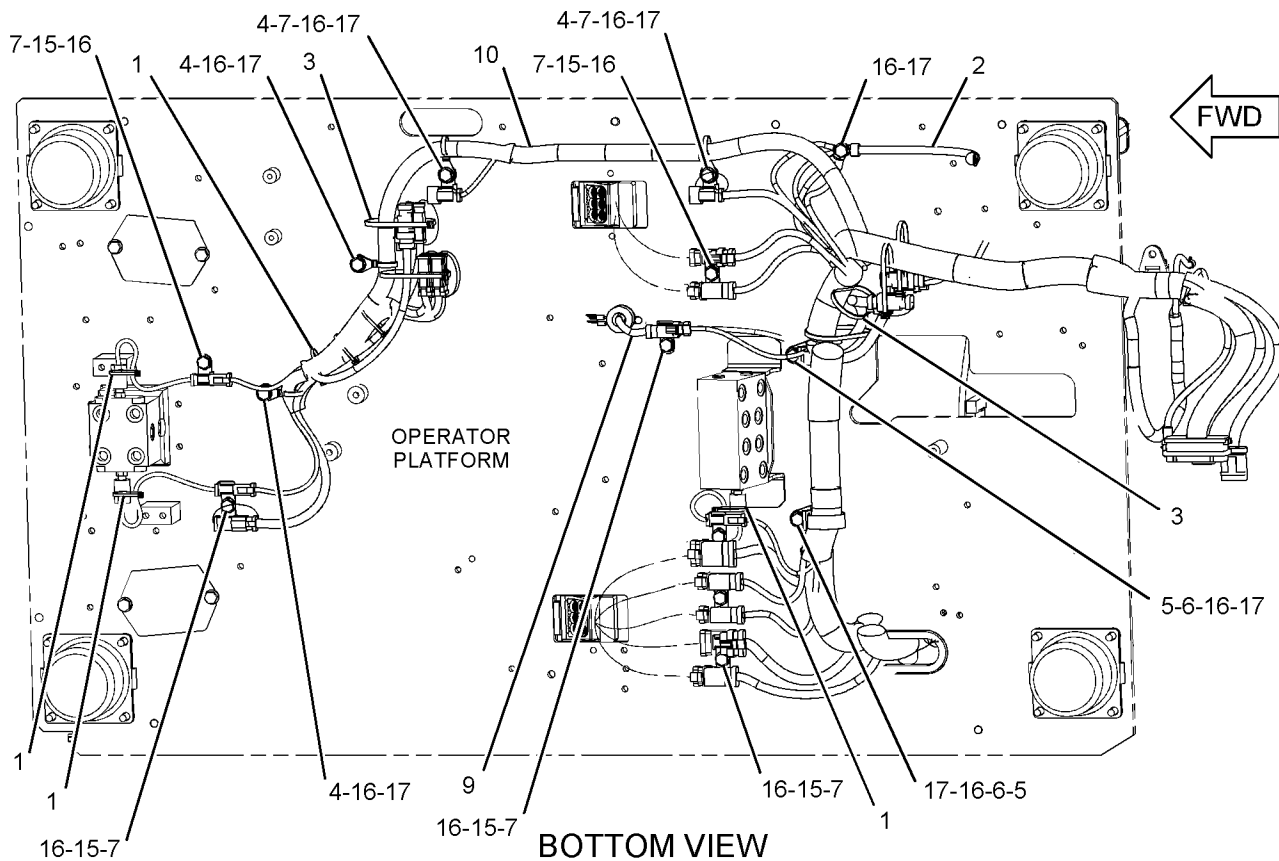
i02773402

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3S-2093	6	STRAP - CABLE	
	2	1	7G-1060	1	STRAP AS - GROUND	
	3	1	7K-1181	16	STRAP - CABLE	
	4	1	111-4836	4	CLIP	
	5	1	111-4838	2	CLIP	
	6	1	111-4839	2	STRAP	
	7	1	116-0118	14	CLIP	
	8	1	234-1122	1	COVER	
	9	1	251-0299	1	HARNESS AS - PUMP	
		1	243-4505	1	RECEPTACLE AS - CONNECTOR (2-PIN)	
10		1	275-7004	1	HARNESS AS - PLATFORM	
		1	102-8802	5	KIT-RECEPTACLE (2-PIN)	
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)	
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2270	12	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2271	1	KIT-CONNECTING PLUG (4-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)	
		1	3S-2093	22	STRAP - CABLE	
		1	197-4385	3	DIODE	
		1	102-7964	1	CONNECTOR - PLUG	
		1	121-1168	2	CONNECTOR-RECEPTACLE	
		1	134-3296	1	HOUSING-PLUG	
		1	134-3297	2	SEAL	
		1	230-4009	3	PLUG AS - CONNECTOR (12-PIN)	
					(EACH INCLUDES)	
		1	264-7034	1	SEAL - CONNECTOR	
		1	230-4011	3	PLUG AS - CONNECTOR (2-PIN)	
					(EACH INCLUDES)	
		1	264-7029	1	SEAL - CONNECTOR	
		1	230-5010	3	PLUG AS - CONNECTOR (6-PIN)	
		1	239-7352	1	PLUG AS - CONNECTOR (6-PIN)	
					(EACH PLUG AS INCLUDES)	
		1	264-7032	1	SEAL - CONNECTOR	
		1	153-2620	1	PLUG AS - CONNECTOR (54-PIN, BLACK)	
		1	163-6759	1	SEAL	
		1	243-4505	1	RECEPTACLE AS - CONNECTOR (2-PIN)	
		1	243-4507	1	RECEPTACLE AS - CONNECTOR (4-PIN)	
		1	243-4508	4	RECEPTACLE AS - CONNECTOR (6-PIN)	
		1	243-4509	1	RECEPTACLE AS - CONNECTOR (8-PIN)	
		1	243-4510	2	RECEPTACLE AS - CONNECTOR (12-PIN)	
		1	247-2693	1	RECEPTACLE AS - CONNECTOR (6-PIN)	
M	11	1	095-0728	2	SCREW - MACHINE (M4X0.7X12-MM)	
	12	1	096-6166	2	WASHER - HARD (4.5X9X1-MM THK)	
	13	1	3E-5169	1	GUARD - SWITCH	
	14	1	4D-1836	1	SWITCH AS - TOGGLE (SECONDARY SHUTDOWN)	
M	15	1	7X-2621	7	BOLT (M10X1.5X12-MM)	
	16	1	8T-4121	14	WASHER - HARD (11X21X2.5-MM THK)	
M	17	1	8T-4137	7	BOLT (M10X1.5X20-MM)	
M-METRIC PART						

ELECTRICAL AND STARTING SYSTEM

275-7003 WIRING GP-PLATFORM (contd.)

i02773402



GRAPHIC #1

<END>

g01297079

POWER TRAIN

227-6949 FINAL DRIVE GP-WITHOUT MOTOR

S/N: A6F1-UP; A8F1-UP

PART OF 270-8170 FINAL DRIVE GP

SMCS-4050

i02784067

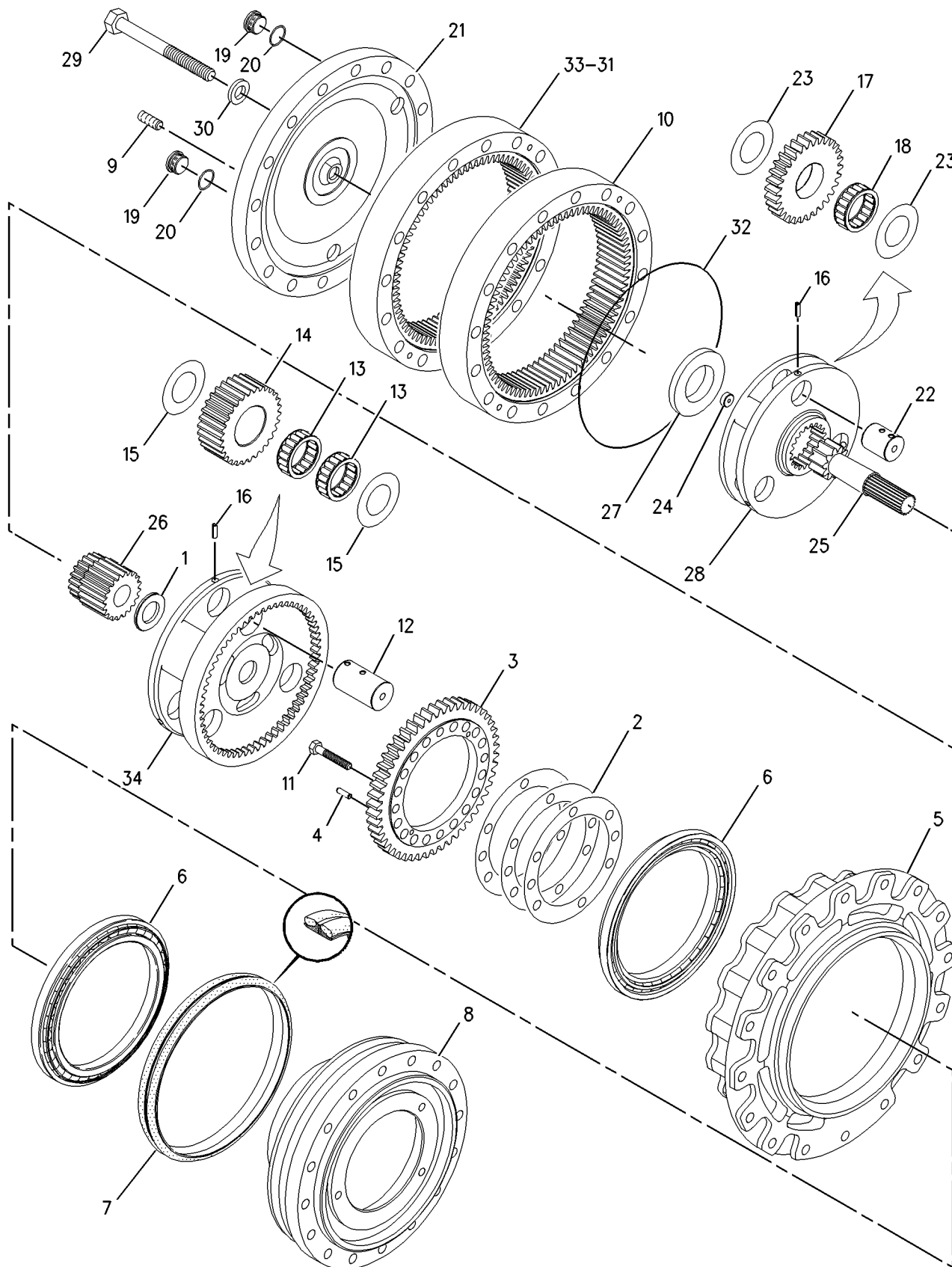
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7Y-1434	1	SPACER (40X69.5X6-MM THK)						
B	2	1	096-1773	1	SHIM (0.15-MM THK)						
B		1	096-1774	1	SHIM (0.3-MM THK)						
B		1	096-1775	1	SHIM (0.4-MM THK)						
B		1	096-1776	1	SHIM (0.5-MM THK)						
B		1	096-1777	1	SHIM (0.6-MM THK)						
B		1	096-1778	1	SHIM (0.7-MM THK)						
B		1	096-1779	1	SHIM (0.8-MM THK)						
B		1	096-1780	1	SHIM (1-MM THK)						
B		1	096-1781	1	SHIM (1.6-MM THK)						
	3	1	148-4715	1	GEAR-COUPLING (55-TEETH)						
	4	1	114-1539	6	PIN-DOWEL						
	5	1	191-3235	1	HOUSING						
	6	1	168-8451	2	BALL BEARING						
	7	1	114-1497	1	SEAL GP-DUO-CONE						
		1	296-6166	2	RING-TORIC						
	8	1	191-3236	1	HOUSING						
M	9	1	095-1270	2	SETSCREW-SOCKET (M12X1.75X30-MM)						
	10	1	102-6456	1	GEAR-RING (79-TEETH)						
	11	1	227-6034	14	BOLT-FLANGE HEAD (M16X2X60-MM)						
	12	1	7Y-0223	3	SHAFT-PLANETARY						
	13	1	094-1542	6	BEARING-ROLLER						
	14	1	7Y-1431	3	GEAR-PLANETARY (44-TEETH)						
M	15	1	094-1528	6	WASHER (53X84X1-MM THK)						
	16	1	095-0891	6	PIN-SPRING						
	17	1	6I-6585	3	GEAR-PLANETARY (44-TEETH)						
	18	1	094-0616	3	BEARING AS-ROLLER						
	19	1	3E-2338	2	PLUG-PIPE						
	20	1	7M-8485	2	SEAL-O-RING						
	21	1	7Y-1426	1	COVER						
	22	1	7Y-0225	3	SHAFT-PLANETARY						
	23	1	094-0611	6	WASHER (47.3X76X1-MM THK)						
	24	1	094-0580	1	PLATE (10-MM THK)						
	25	1	6I-6583	1	GEAR-SUN (13-TEETH)						
	26	1	7Y-1430	1	GEAR-SUN (17-TEETH)						
	27	1	7Y-1558	1	SPACER (90X119.6X7.5-MM THK)						
	28	1	7Y-1432	1	CARRIER						
M	29	1	7X-2568	16	BOLT (M20X2.5X180-MM)						
	30	1	8T-4123	16	WASHER (22X35X3.5-MM THK)						
B	31	1	1U-8846		SEALANT-GASKET						
	32	1	6D-0692	1	SEAL-O-RING						
	33	1	102-6454	1	GEAR-RING (104-TEETH)						
	34	1	7Y-1433	1	CARRIER						

B-USE AS REQUIRED
M-METRIC PART

POWER TRAIN

227-6949 FINAL DRIVE GP (contd.)

i02784067



GRAPHIC #1

<END>

g00984808

POWER TRAIN

270-8170 FINAL DRIVE GP

S/N: A6F1-UP; A8F1-UP
PART OF 267-6767 POWER TRAIN AR

SMCS-4050

i02784058

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	227-6949	1	FINAL DRIVE GP (WITHOUT MOTOR)						207
Y	215-9982	1	MOTOR & MTG GP-TRAVEL						460
Y-SEPARATE ILLUSTRATION									
<END>									

267-6767 POWER TRAIN AR

S/N: A6F1-UP; A8F1-UP
PART OF 264-8626, 264-8627 GENERAL AR

SMCS-3000, 4000

i02776321

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	148-4679	1	DRIVE GP-SWING (WITH MOTOR)						303
Y	227-6166	1	FASTENER GP-SWING & FINAL DR						304
Y	270-8170	2	FINAL DRIVE GP						209
Y	145-3042	2	SPROCKET GP						210
Y-SEPARATE ILLUSTRATION									
<END>									

POWER TRAIN

145-3042 SPROCKET GP

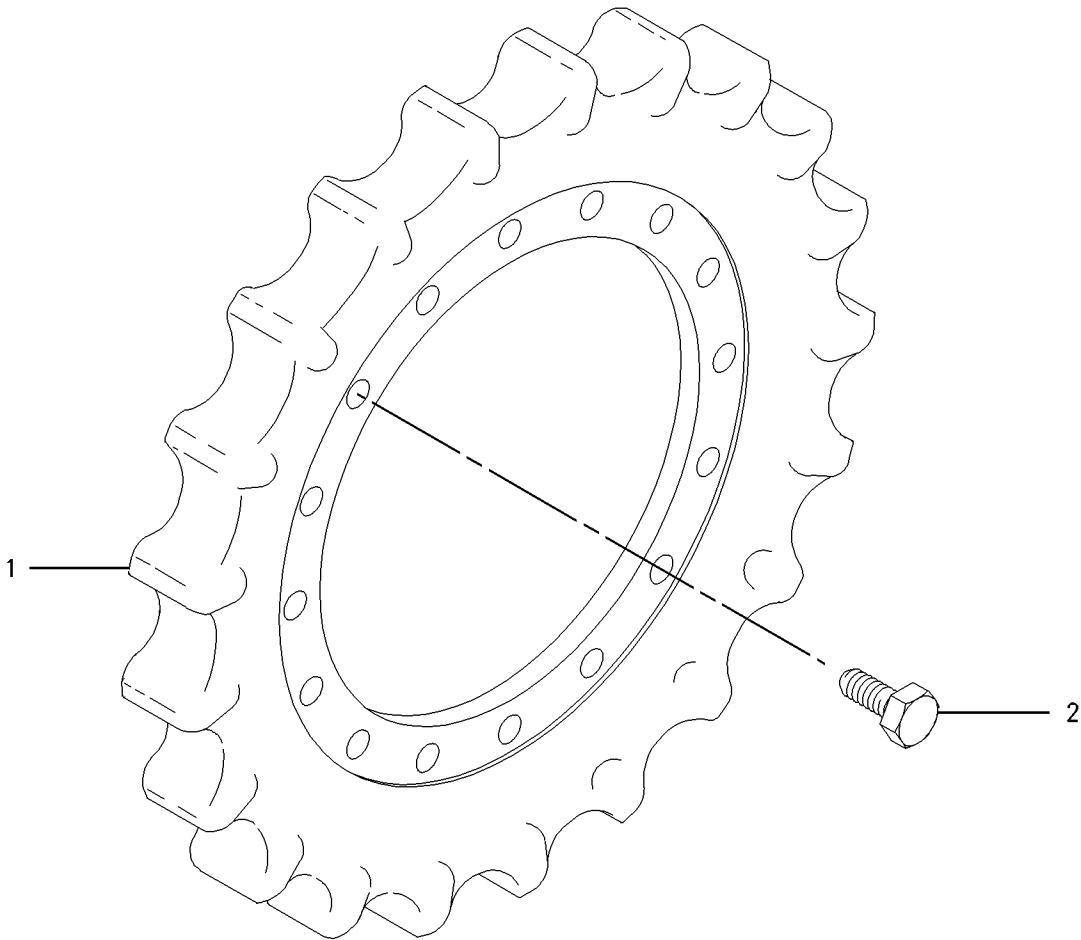
S/N: A6F1-UP; A8F1-UP

PART OF 267-6767 POWER TRAIN AR

SMCS-4164

i01891385

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8E-9805	1	SPROCKET - TRACK						
M	2	1	7X-2562	16	BOLT (M20X2.5X45MM)						
M-METRIC PART											



GRAPHIC #1

<END>

g00935714

FRAME AND BODY

223-3040 BOX & MOUNTING GP

S/N: A6F1-UP; A8F1-UP

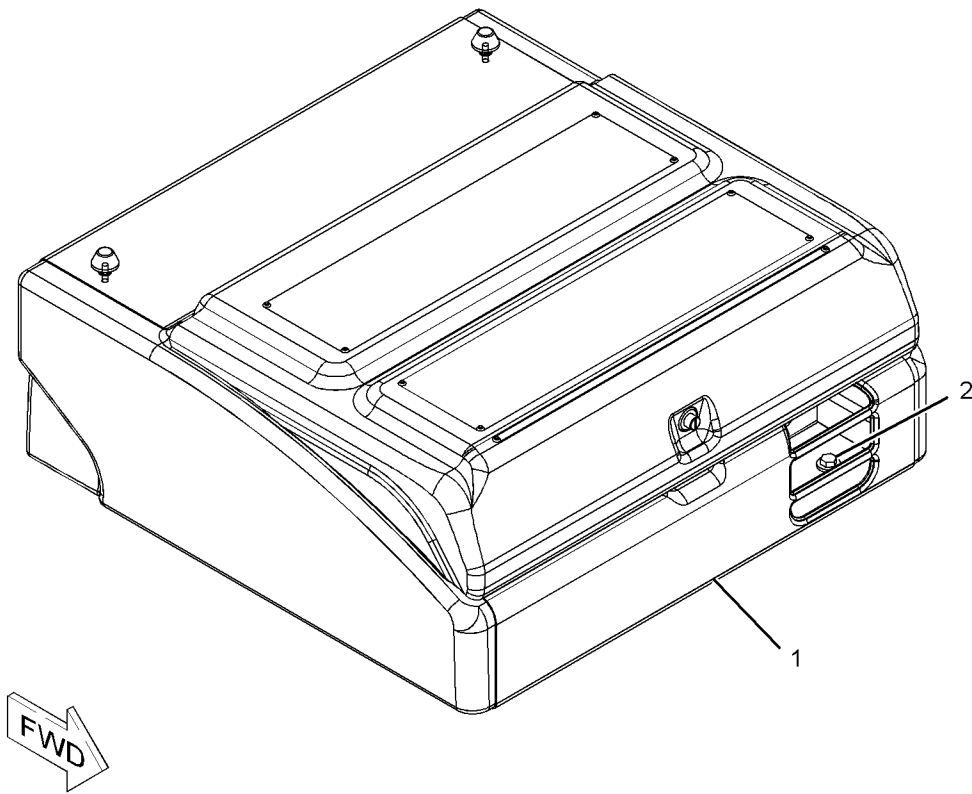
PART OF 264-8638, 264-8639 CHASSIS AR

SMCS-7268

i02489070

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	223-3041	1	BOX GP-STORAGE	212
M	2	1	135-8577	4	BOLT AS (M12X1.75X35-MM)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01150412

FRAME AND BODY

223-3041 BOX GP-STORAGE

S/N: A6F1-UP; A8F1-UP

PART OF 223-3040 BOX & MOUNTING GP

SMCS-7268

i02502379

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4I-2187	1	SUPPORT AS						
	2	1	236-3669	1	LOCK AS						
	3	1	236-3670	1	STRIKER AS						
	4	1	236-3671	1	SEAL						
	5	1	236-9435	1	BOX AS						
	6	1	236-9437	1	COVER AS						
	6A	1	3D-9143	2	HINGE-BUTT						
	7	1	236-9438	1	PLUNGER AS						
	8	1	236-9440	1	SHEET						
	9	1	273-7964	2	MOUNT						
	10	1	095-0843	1	PIN-COTTER						
	11	1	096-3780	1	PIN-CLEVIS						
M	12	1	105-3487	4	BOLT-SOCKET HEAD (M6X1X20-MM)						
	13	1	170-9360	1	GROMMET						
M	15	1	5C-9553	3	BOLT (M6X1X16-MM)						
	16	1	5P-1075	4	WASHER-HARD (10.2X22.5X3-MM THK)						
	17	1	5P-4116	1	WASHER-HARD (8.8X20.5X2-MM THK)						
M	18	1	8T-4133	4	NUT (M10X1.5-THD)						
M	19	1	8T-4200	2	BOLT (M8X1.25X16-MM)						
	20	1	8T-4224	2	WASHER-HARD (8.8X16X2-MM THK)						
	21	1	9X-8256	7	WASHER (6.6X12X2-MM THK)						
	22	1	278-3581	4	CUSHION						
B	23	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						

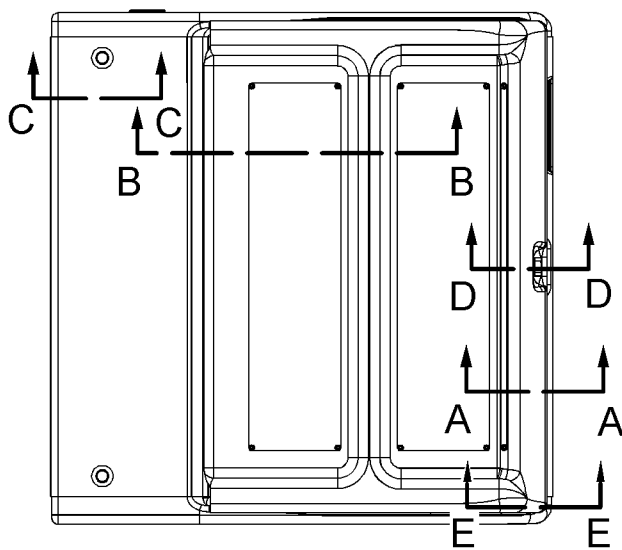
B-USE AS REQUIRED

M-METRIC PART

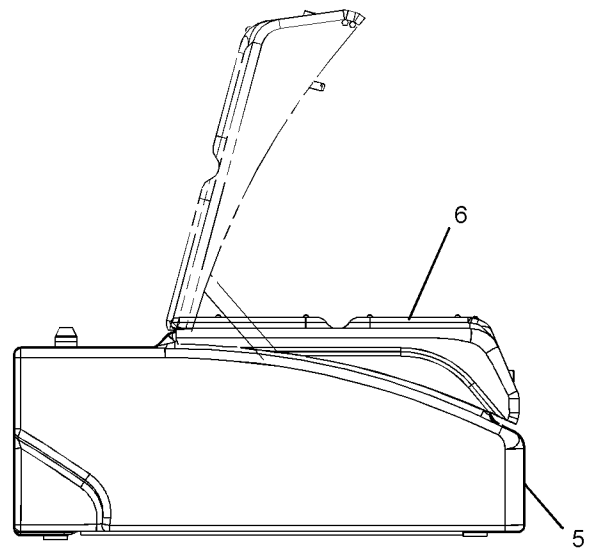
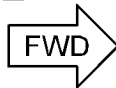
FRAME AND BODY

223-3041 BOX GP-STORAGE (contd.)

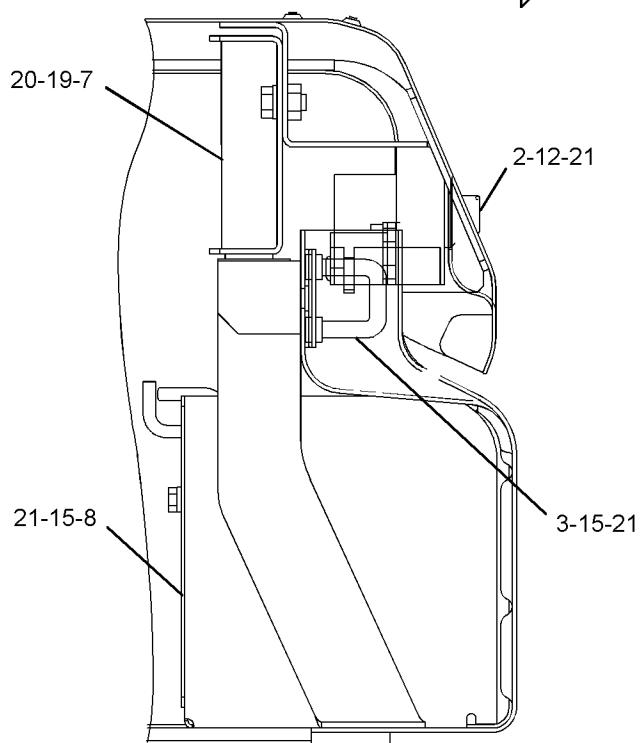
i02502379



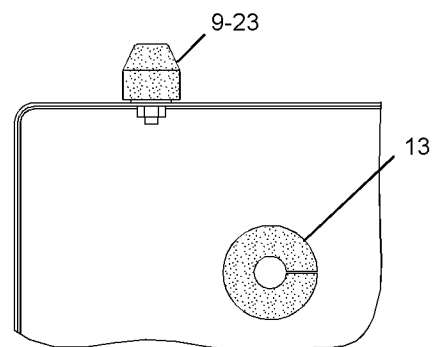
TOP VIEW



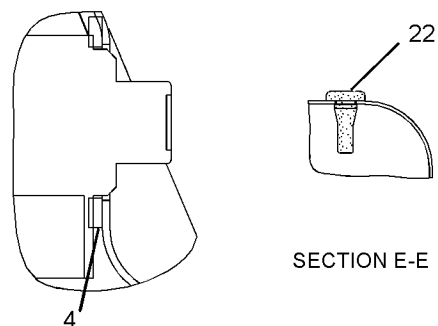
RIGHT SIDE VIEW



SECTION A-A

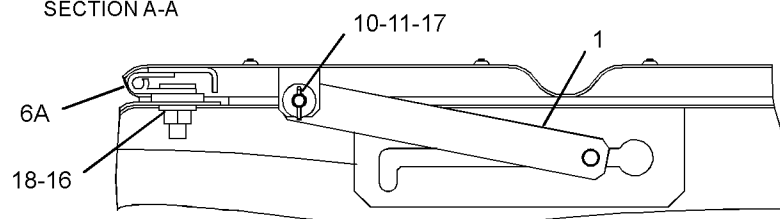


SECTION C-C



SECTION D-D

SECTION E-E



SECTION B-B

GRAPHIC #1

<END>

g01238343

FRAME AND BODY

278-9257 BUMPER GP-SIDE

S/N: A6F1-UP; A8F1-UP

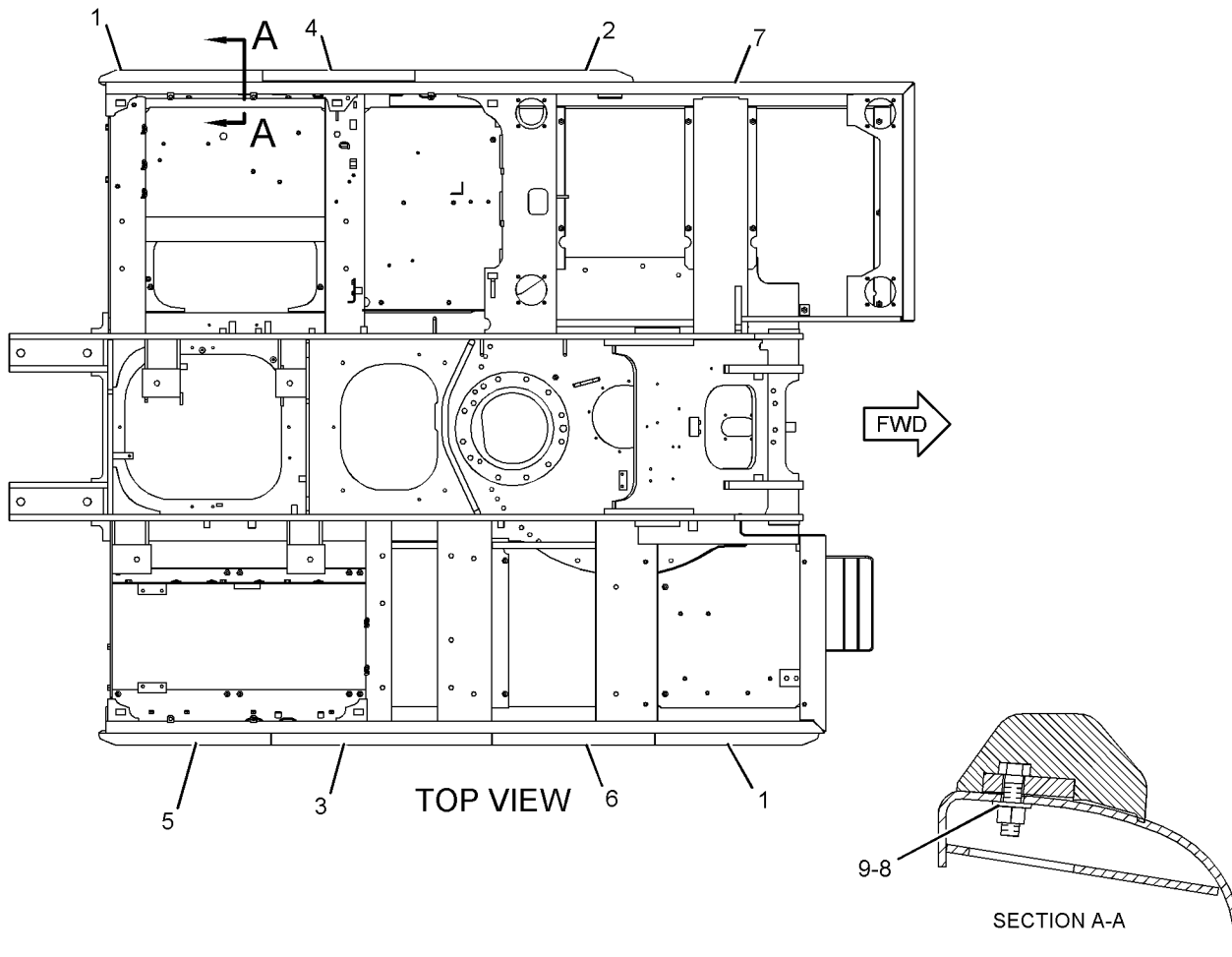
AN ATTACHMENT

SMCS-7156

i02783456

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	180-7521	2	BUMPER AS						
	2	1	180-7525	1	BUMPER AS						
	3	1	180-7529	1	BUMPER AS						
	4	1	180-7533	1	BUMPER AS						
	5	1	218-5199	1	BUMPER AS						
	6	1	228-5463	1	BUMPER AS						
	7	1	278-9258	1	FRAME AS-UPPER						
		1	273-6717	1	FRAME AS-UPPER						
	8	1	8T-4223	14	WASHER-HARD (13.5X25.5X3-MM THK)						
M	9	1	8T-4244	14	NUT (M12X1.75-THD)						

M-METRIC PART



GRAPHIC #1

<END>

g01291533

FRAME AND BODY

262-2607 COUNTERWEIGHT GP

S/N: A6F1-UP; A8F1-UP

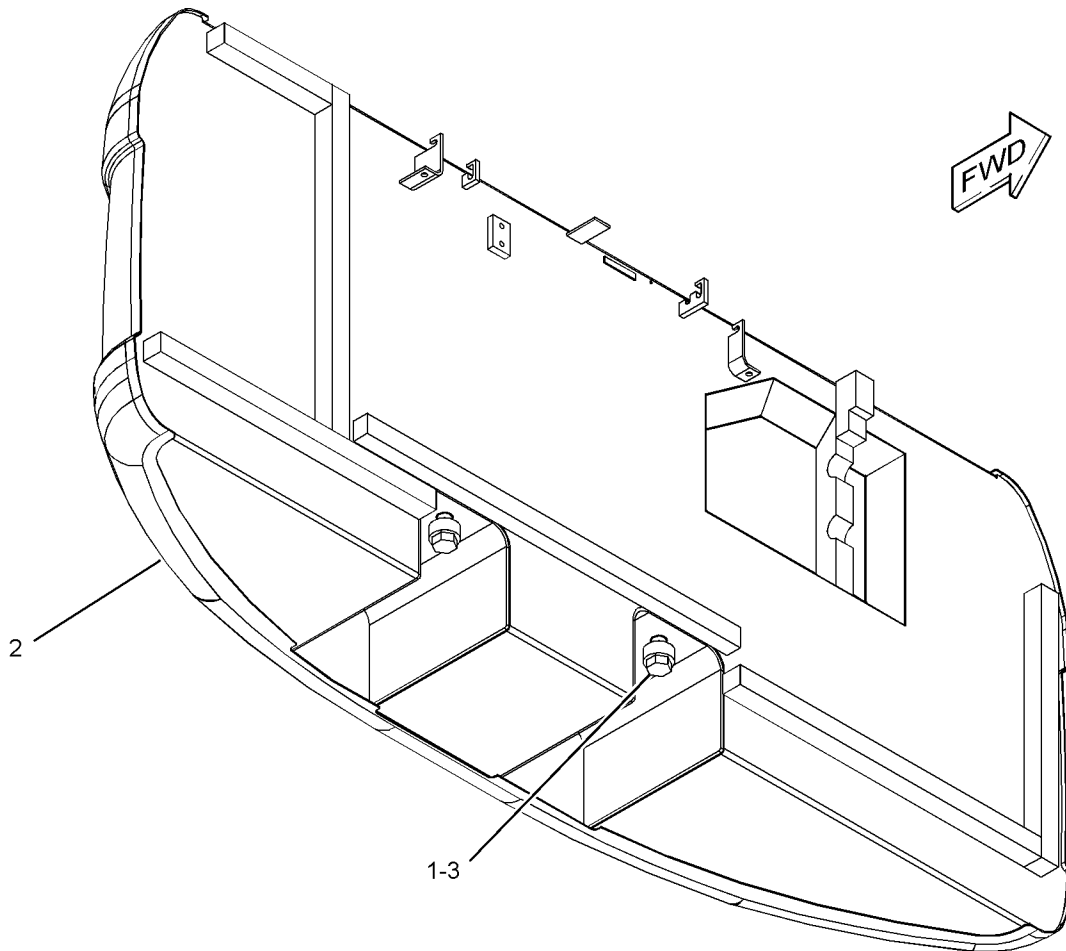
PART OF 264-8638, 264-8639 CHASSIS AR

SMCS-7056

i02770737

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	244-8194	4	SPACER (32X65X30-MM THK)	
Y	2	1	262-2623	1	COUNTERWEIGHT GP	216
M	3	1	7X-2583	4	BOLT (M30X3.5X120-MM)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01229117

FRAME AND BODY

262-2623 COUNTERWEIGHT GP

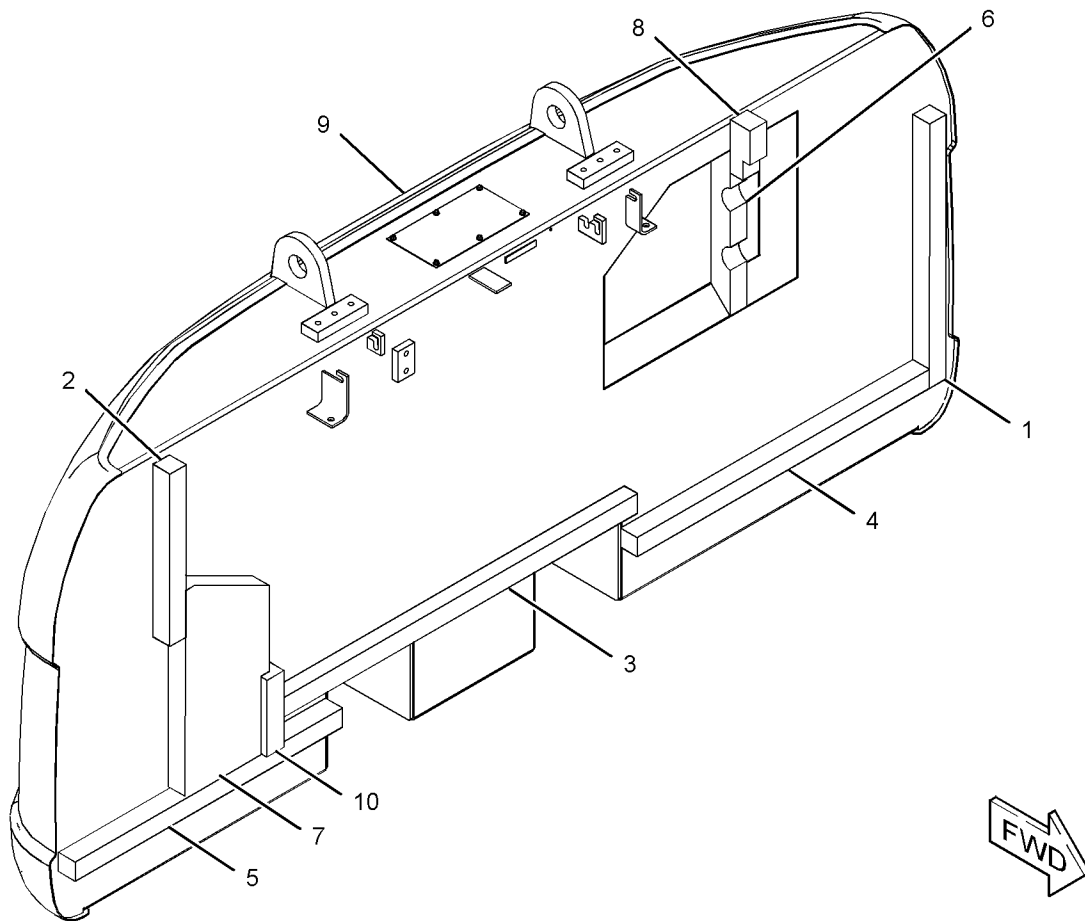
S/N: A6F1-UP; A8F1-UP

PART OF 262-2607 COUNTERWEIGHT GP

SMCS-7056

i02770748

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7I-0717	1	LINER						
	2	1	116-1665	1	LINER						
	3	1	165-3102	1	LINER						
	4	1	165-3103	1	LINER						
	5	1	184-8722	1	LINER						
	6	1	248-9061	1	LINER						
	7	1	262-2406	1	LINER						
	8	1	262-2417	1	LINER						
	9	1	262-2624	1	COUNTERWEIGHT AS						
	10	1	273-7677	1	LINER						



GRAPHIC #1

<END>

g01230742

FRAME AND BODY

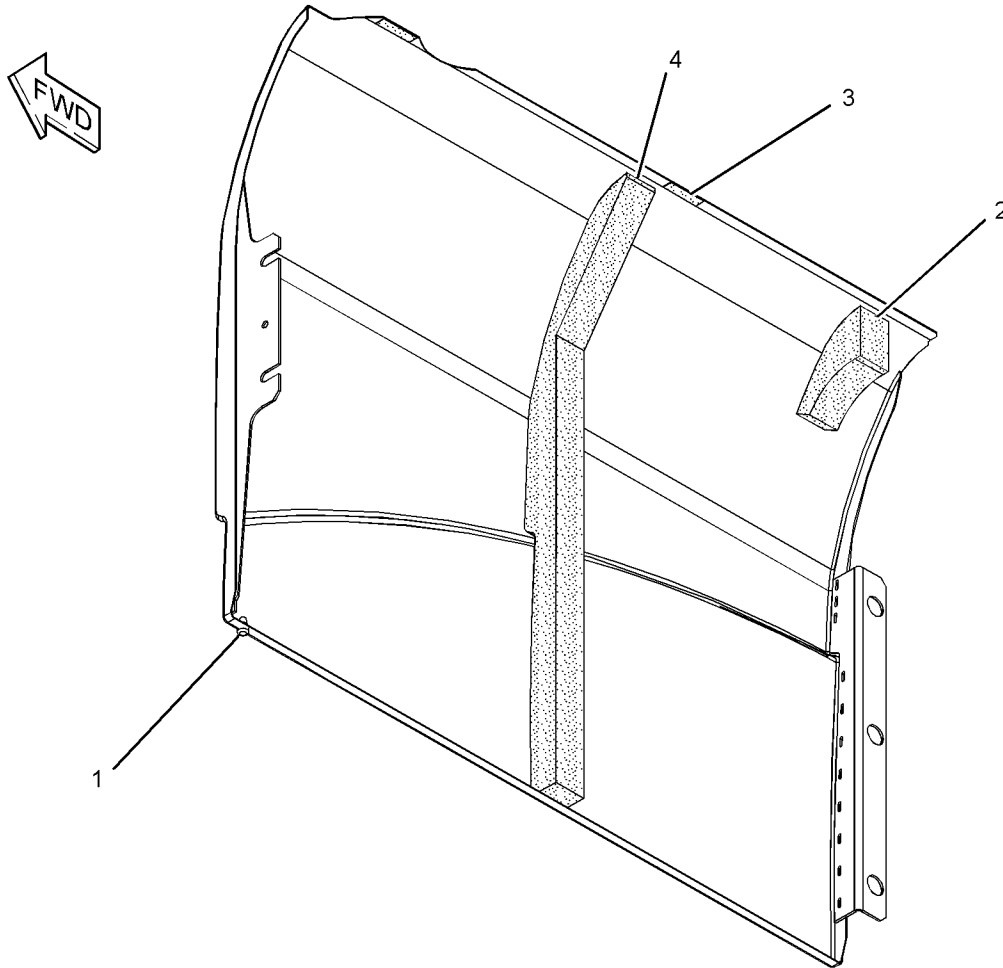
298-2979 COVER AS-ACCESS-HYDRAULIC TANK, SIDE

S/N: A6F1-UP; A8F1-UP
PART OF 273-7726 HOOD & GUARD GP

SMCS-726A, 795C

i02775295

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	170-3015	1	BUMPER						
	2	1	177-5739	1	LINER						
	3	1	240-2978	2	LINER						
	4	1	240-2979	1	LINER						



GRAPHIC #1

<END>

g01342289

FRAME AND BODY

298-2977 DOOR AS-ACCESS-FUEL TANK

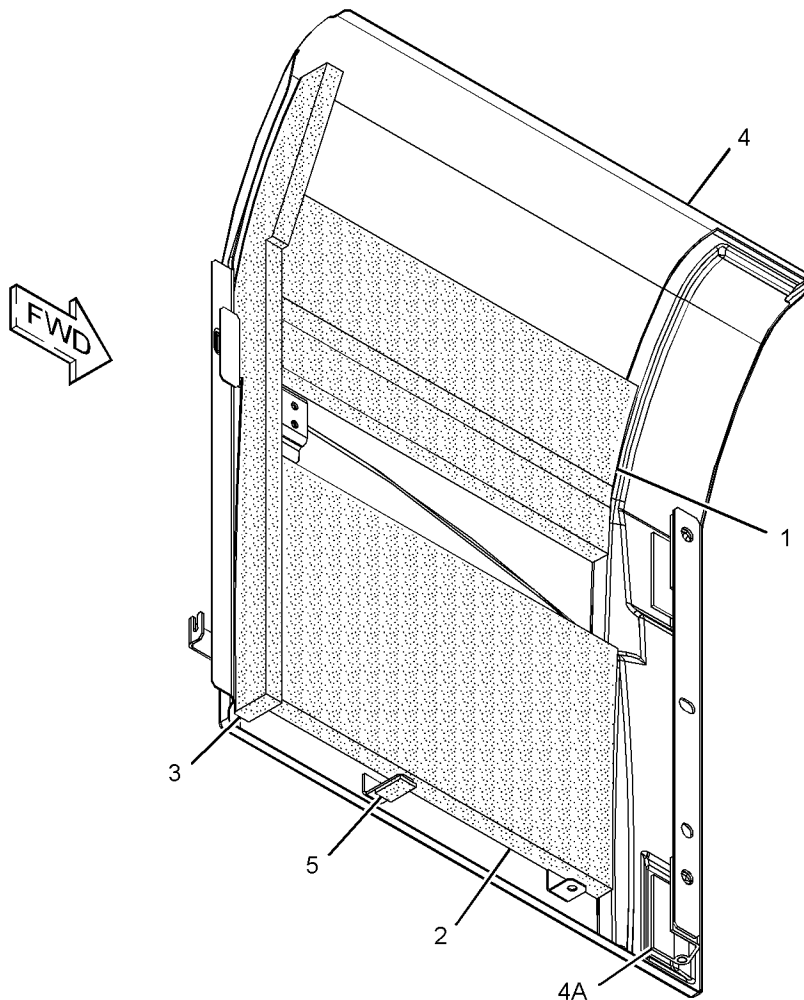
S/N: A6F1-UP; A8F1-UP

PART OF 273-7726 HOOD & GUARD GP

SMCS-7273

i02775132

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	236-3747	1	INSULATION						
	2	1	236-3748	1	INSULATION						
	3	1	250-5054	1	LINER						
	4	1	298-2978	1	DOOR AS-SIDE						
	4A	1	165-2976	2	HINGE						
	5	1	208-4289	1	CUSHION						



GRAPHIC #1

<END>

g01390678

FRAME AND BODY

289-6910 DOOR GP-ACCESS-RADIATOR

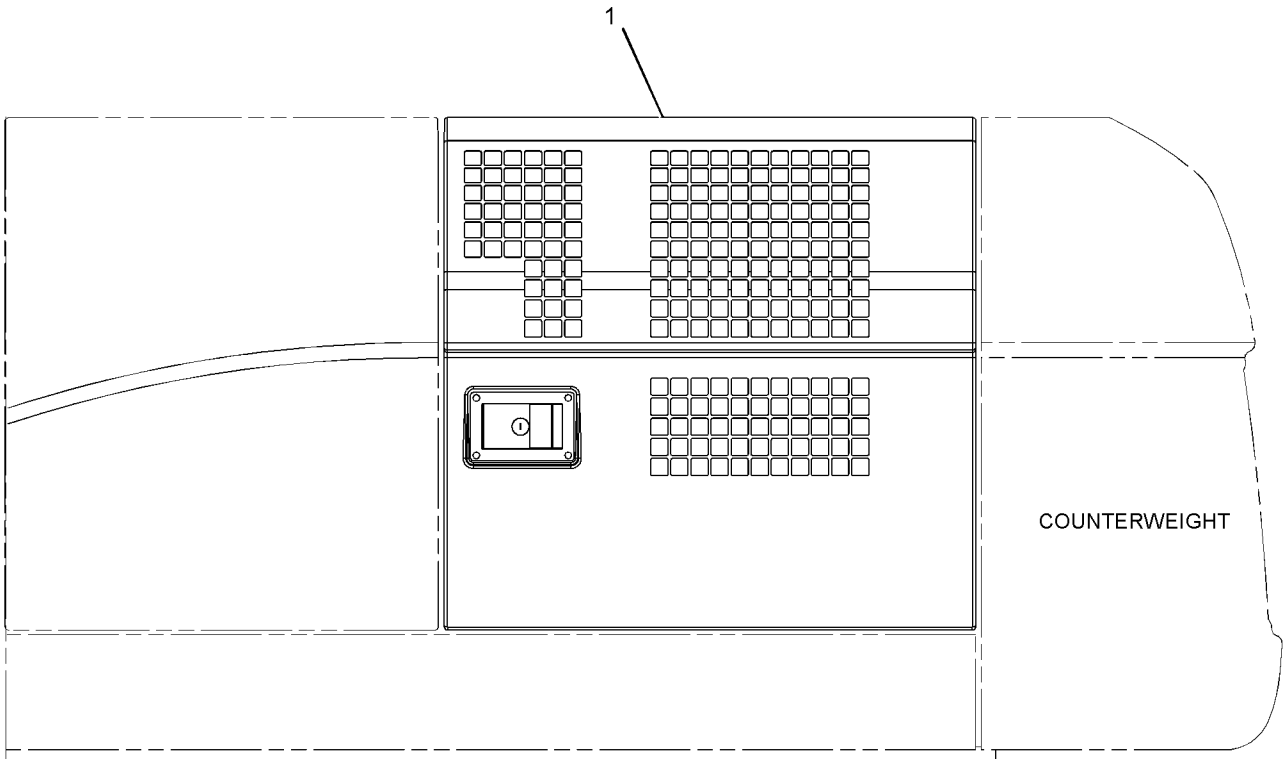
S/N: A6F1-UP; A8F1-UP

PART OF 298-4272 COOLING AR-HIGH AMBIENT TEMP
AN ATTACHMENT

SMCS-7273

i02783179

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	289-6917	1	DOOR GP-ACCESS (RADIATOR)						222
Y-SEPARATE ILLUSTRATION											



LEFT SIDE VIEW

GRAPHIC #1

<END>

g01320462

FRAME AND BODY

289-6913 DOOR GP-ACCESS-PUMP

S/N: A6F1-UP; A8F1-UP

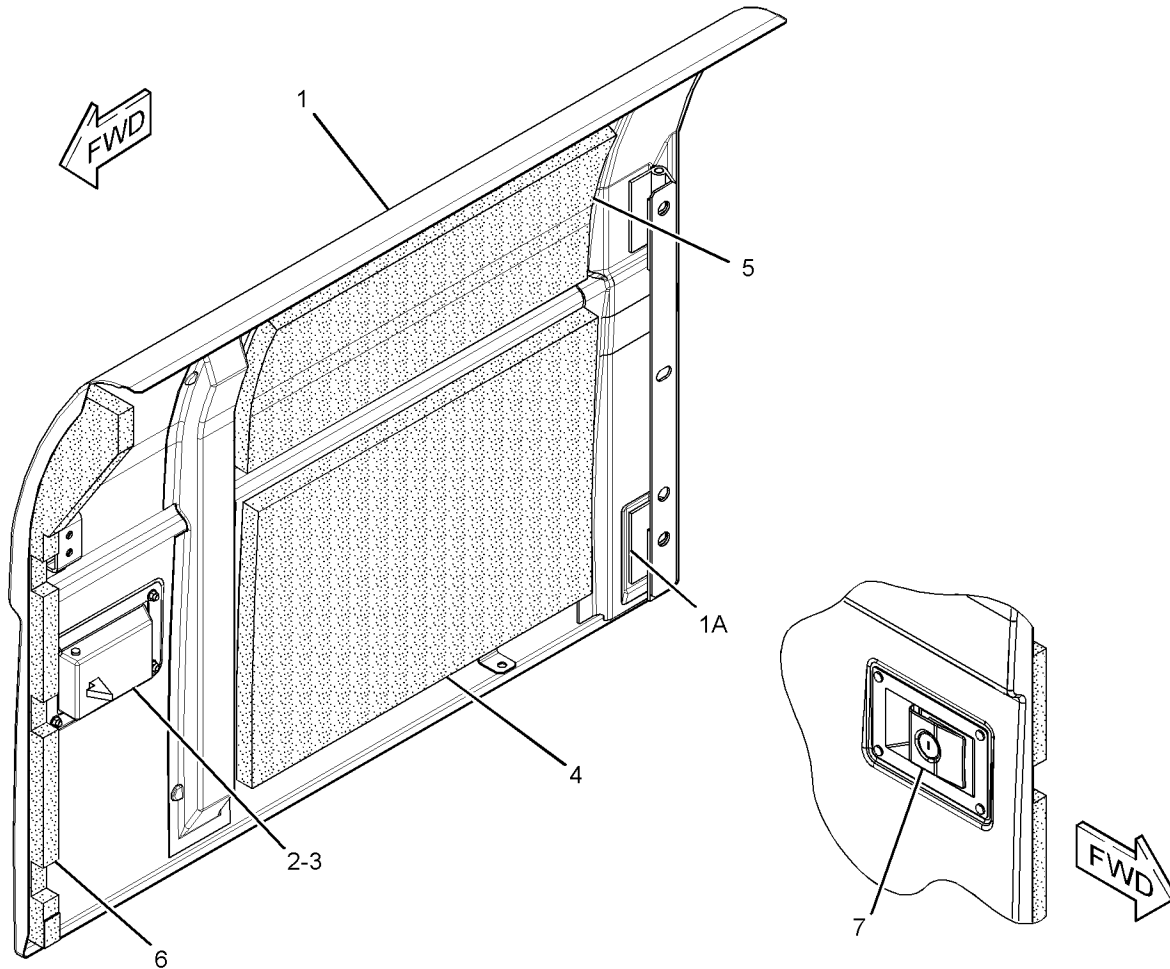
PART OF 273-7726 HOOD & GUARD GP

SMCS-7273

i02774671

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	289-6914	1	DOOR AS-SIDE						
	1A	1	165-2976	2	HINGE						
J	2	1	298-2942	1	LOCK AS						
M	3	1	099-6418	4	NUT (M6X1-THD)						
	4	1	244-7928	1	INSULATION						
	5	1	244-7927	1	INSULATION						
	6	1	248-8961	1	LINER						
	7	1	184-8862	1	COVER						

J-LOCK REQUIRES CORPORATE KEY
M-METRIC PART



GRAPHIC #1

<END>

g01393277

FRAME AND BODY

289-6915 DOOR GP-ACCESS-RADIATOR

S/N: A6F1-UP; A8F1-UP

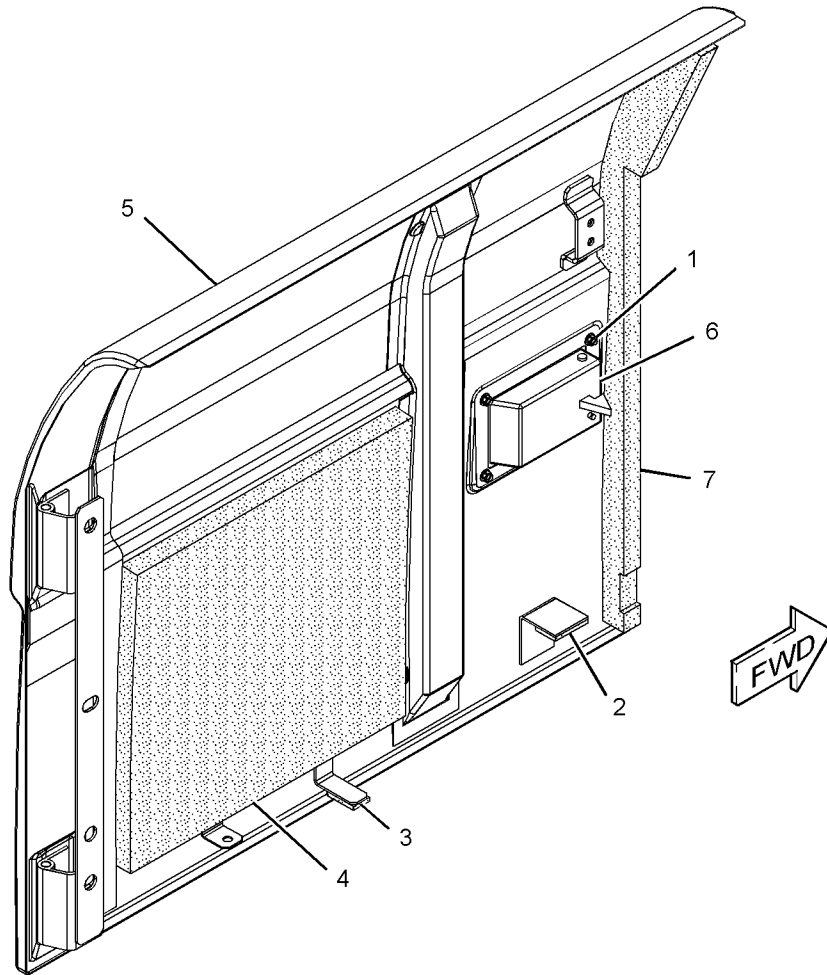
PART OF 273-7726 HOOD & GUARD GP

SMCS-7273

i02775401

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	099-6418	4	NUT (M6X1 - THD)						
	2	1	122-4101	1	RUBBER						
	3	1	208-4289	1	CUSHION						
	4	1	244-7929	1	INSULATION						
	5	1	289-6916	1	DOOR AS-SIDE						
		1	165-2976	2	HINGE						
	6	1	298-2942	1	LOCK AS						
	7	1	307-7656	1	LINER						

M-METRIC PART



GRAPHIC #1

<END>

g01371686

FRAME AND BODY

289-6917 DOOR GP-ACCESS-RADIATOR

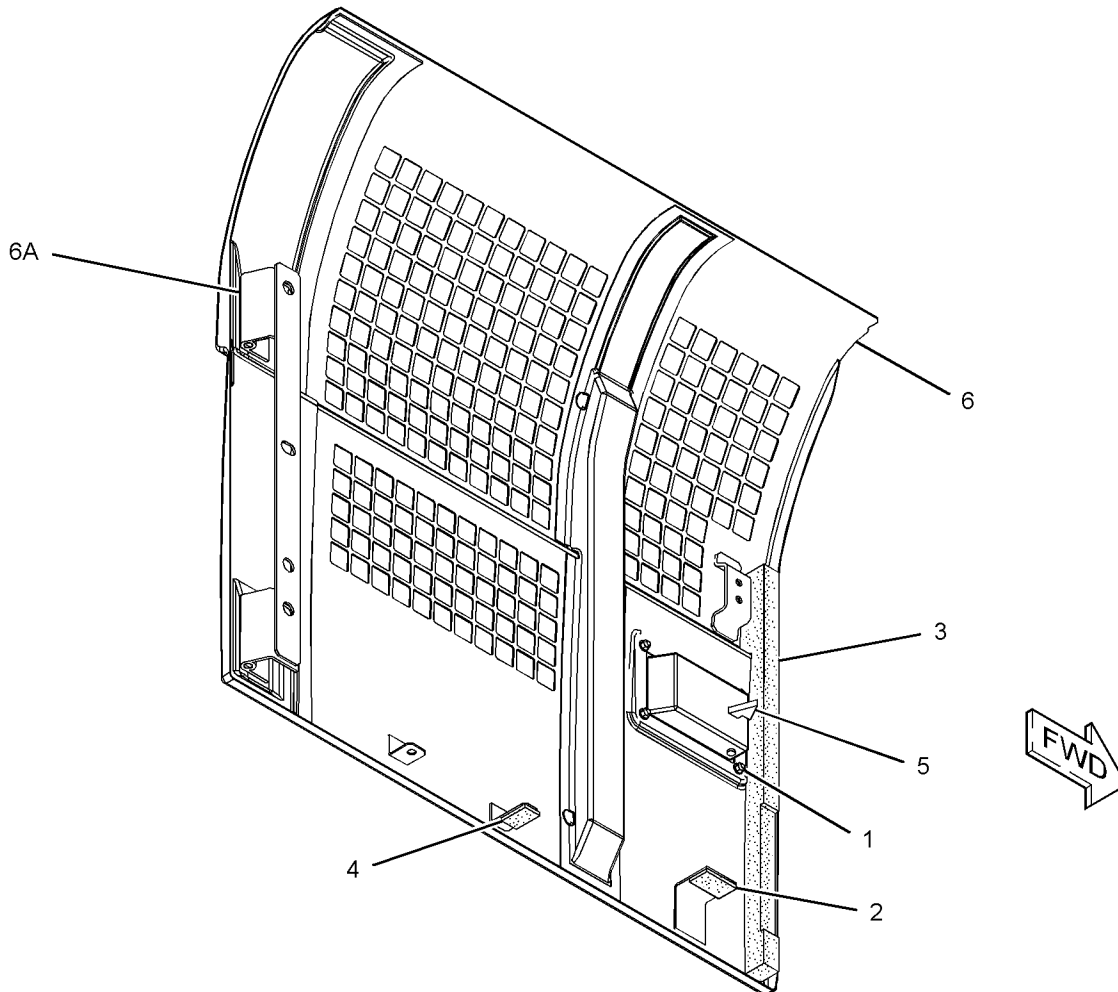
S/N: A6F1-UP; A8F1-UP
PART OF 289-6910 DOOR GP-ACCESS
AN ATTACHMENT

SMCS-7273

i02783270

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	099-6418	4	NUT (M6X1-THD)						
	2	1	122-4101	1	RUBBER						
	3	1	177-6395	1	LINER						
	4	1	208-4289	1	CUSHION						
J	5	1	298-2942	1	LOCK AS						
	6	1	293-6644	1	DOOR AS-SIDE						
	6A	1	165-2976	2	HINGE						

J-REQUIRES CORPORATE KEY
M-METRIC PART



GRAPHIC #1

<END>

g01395614

FRAME AND BODY

223-3042 FENDER & COVER GP

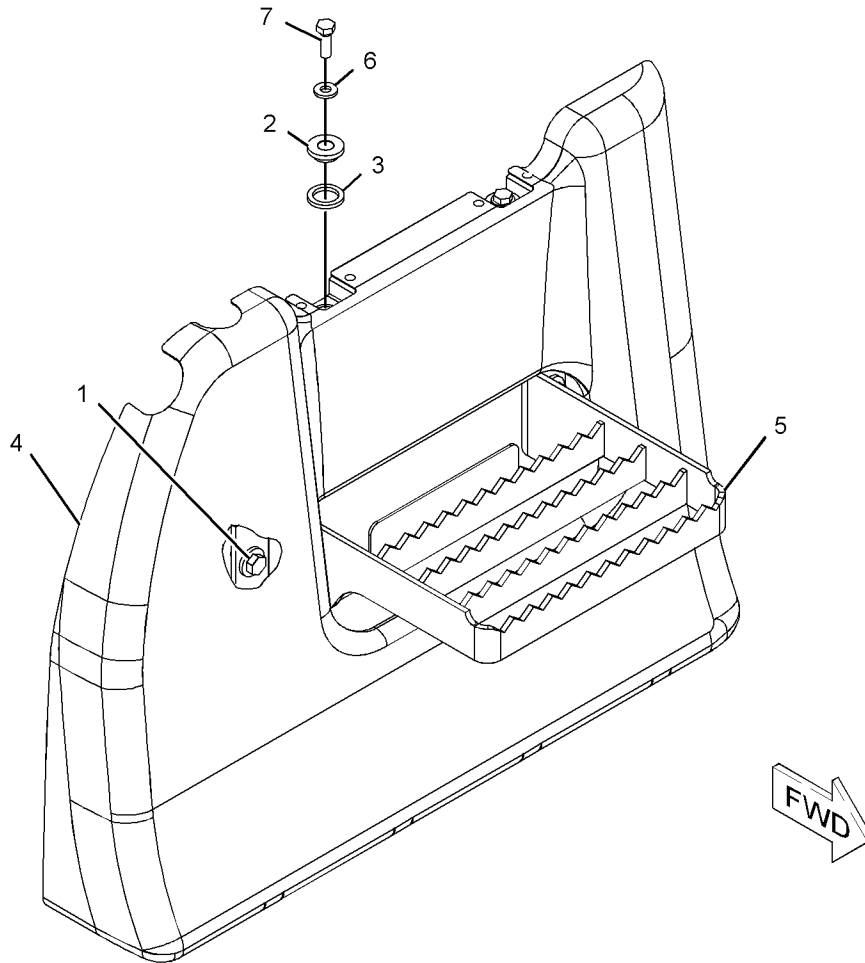
S/N: A6F1-UP; A8F1-UP

PART OF 264-8638, 264-8639 CHASSIS AR

SMCS-7252

i02770453

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	135-8573	2	BOLT AS (M12X1.75X25-MM)						
	2	1	236-3702	2	SPACER (15X35X11-MM THK)						
	3	1	236-3703	2	WASHER (25X35X4-MM THK)						
	4	1	236-9570	1	COVER AS						
	5	1	259-3543	1	STEP AS						
	6	1	5P-1075	2	WASHER-HARD (10.2X22.5X3-MM THK)						
M	7	1	8T-4195	2	BOLT (M10X1.5X30-MM)						
M-METRIC PART											



GRAPHIC #1

<END>

g01150323

FRAME AND BODY

273-6716 FRAME GP-UPPER

S/N: A6F1-UP; A8F1-UP

PART OF 264-8638, 264-8639 CHASSIS AR

SMCS-7051

i02773413

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
B	1	1	093-0083	4	SHIM (1-MM THK)						
B	2	1	093-0084	2	SHIM (1-MM THK)						
B	3	1	093-0115	2	SHIM (2-MM THK)						
B	4	1	093-0116	1	SHIM (2-MM THK)						
	5	1	093-0349	3	WASHER (22X60X6-MM THK)						
	6	1	093-0363	2	SPACER (83X120X12-MM THK)						
B	7	1	113-2127	1	SHIM (0.5-MM THK)						
B	8	1	133-2425	2	SHIM (0.5-MM THK)						
	9	1	4I-4812	2	PIN AS						
	10	1	212-2838	2	SHIM (2-MM THK)						
J	11	1	245-7900	1	CAP						
J	12	1	245-7901	1	CAP						
	13	1	260-2492	1	PIN AS						
	14	1	273-6717	1	FRAME AS-UPPER						
	14A	1	163-3729	1	STEP AS						
	15	1	8T-4123	3	WASHER (22X35X3.5-MM THK)						
M	16	1	8T-4191	1	BOLT (M10X1.5X16-MM)						
M	17	1	8T-4780	3	BOLT (M20X2.5X30-MM)						

B-USE AS REQUIRED

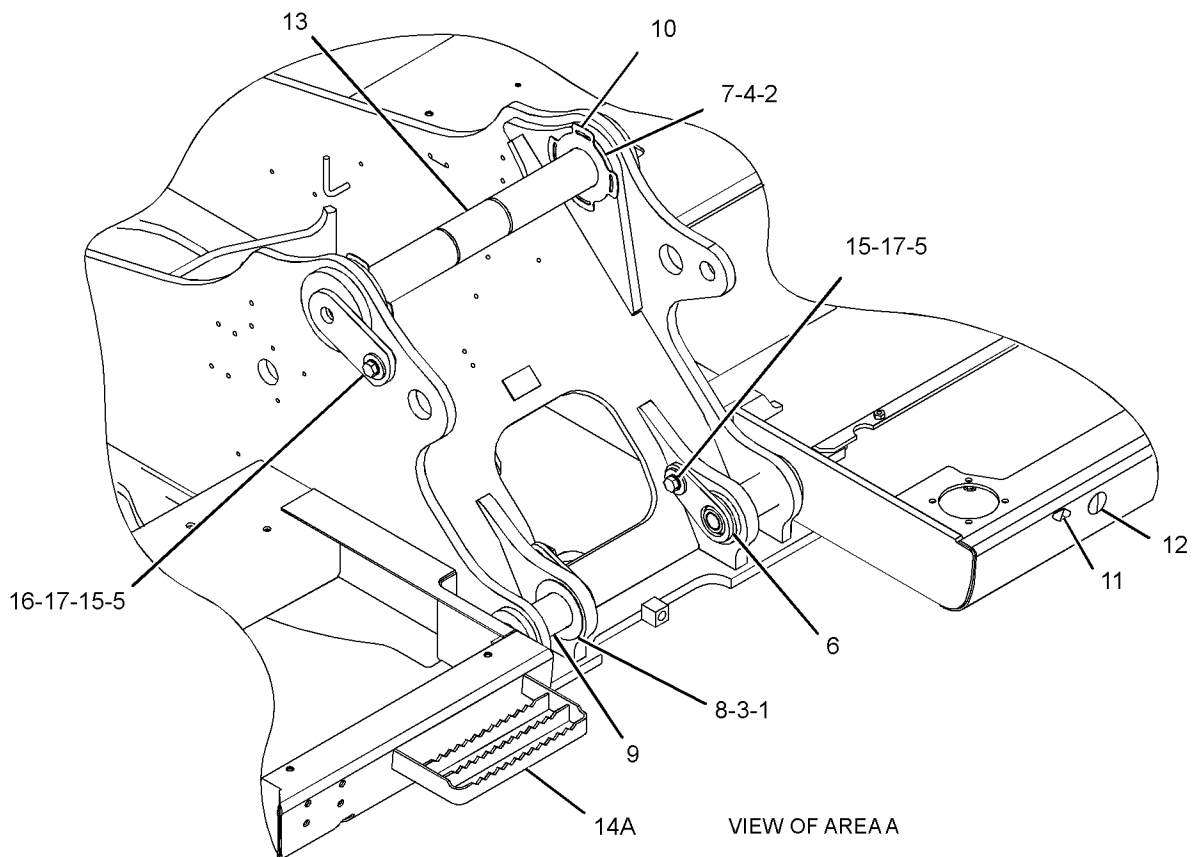
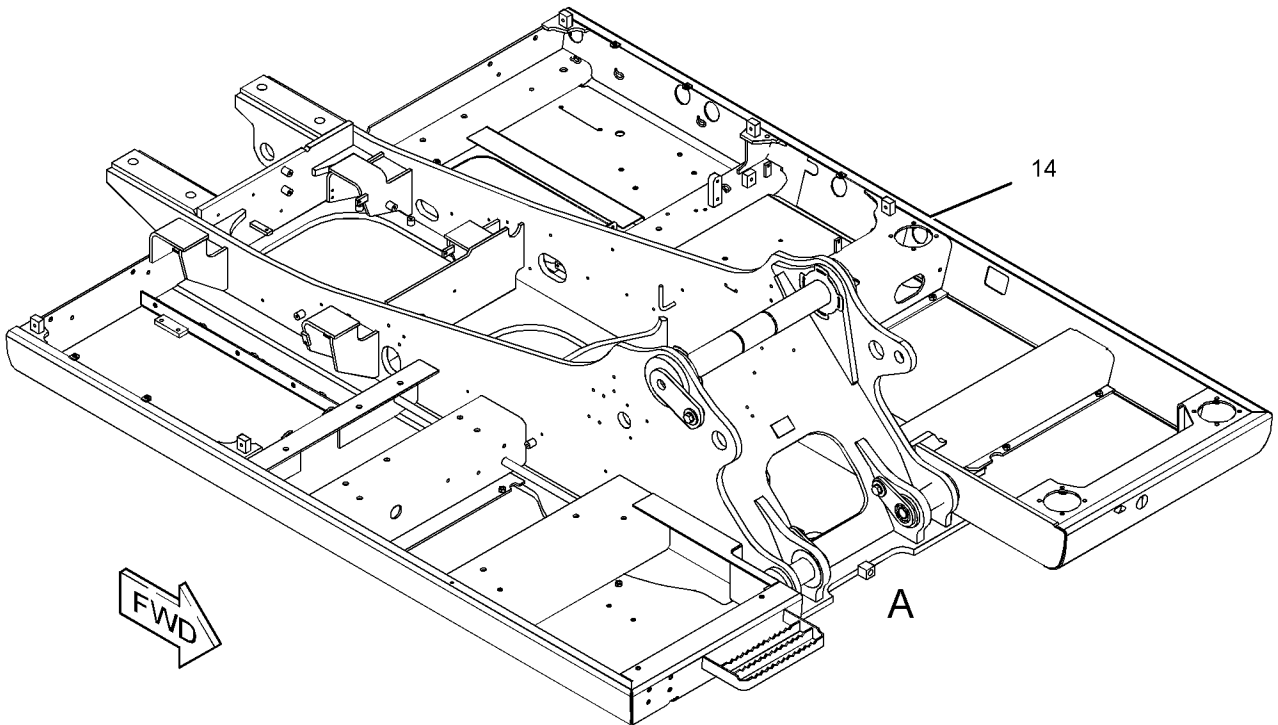
J-USE ON MACHINE WITHOUT LOWER WIPER

M-METRIC PART

FRAME AND BODY

273-6716 FRAME GP - UPPER (contd.)

i02773413



GRAPHIC #1

<END>

g01384884

FRAME AND BODY

227-6081 GEAR & BEARING GP-SWING

S/N: A6F1-UP; A8F1-UP

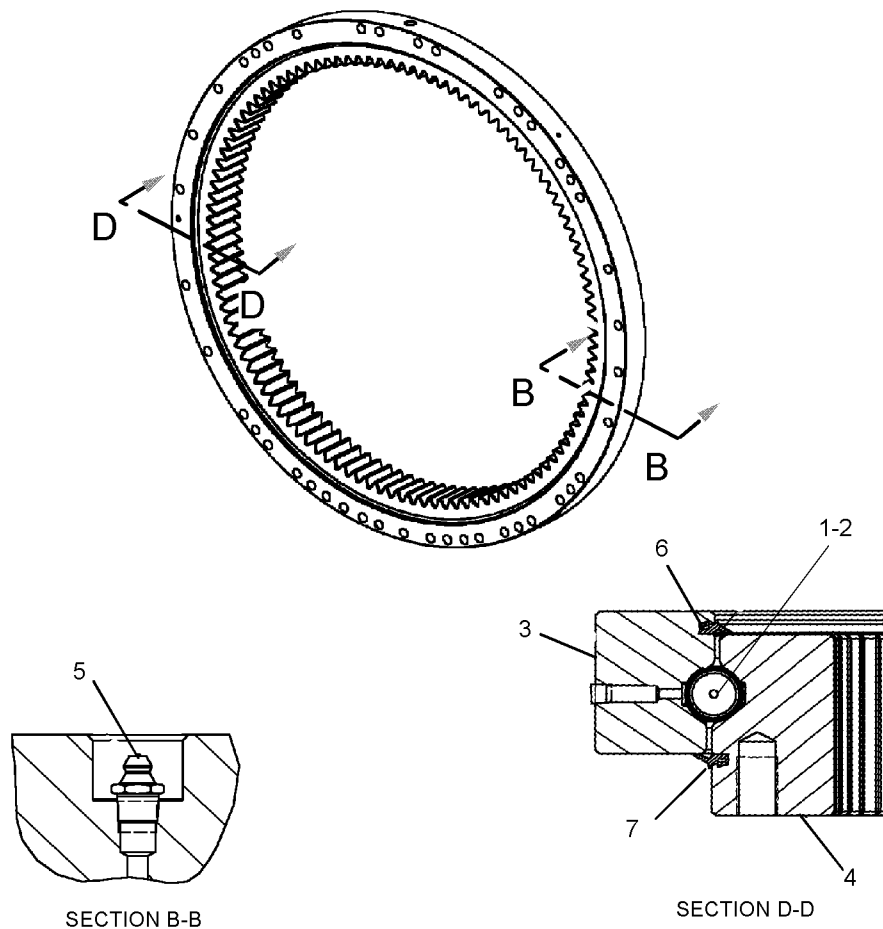
PART OF 227-6147 GEAR & BEARING GP-SWING

SMCS-7063

i02176382

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Z	1	1		118	BALL						
Z	2	1		118	SEPARATOR						
Z	3	1		1	RACE AS-OUTER						
Z	4	1		1	RACE-BEARING						
	5	1	3B-8489	1	FITTING-GREASE						
	6	1	227-6071	1	SEAL-DUST						
BE	7	1	148-4685		SEAL						

B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER
Z-NOT SERVICED SEPARATELY



GRAPHIC #1

<END>

g01099271

FRAME AND BODY

227-6147 GEAR & BEARING GP - SWING

S/N: A6F1-UP; A8F1-UP

PART OF 240-3822, 247-7454 FRAME AR-UNDERCARRIAGE

SMCS-7063

i02768511

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	5K-9243	2	ELBOW-FLARED	
	2	1	7Y-1647	1	GASKET	
	3	1	7Y-1650	1	CLAMP-HOSE	
	4	1	7Y-1863	40	SPACER (20.5X38X34-MM THK)	
	5	1	148-4689	1	TUBE AS	
	6	1	171-9464	37	SPACER (20.6X38X6-MM THK)	
Y	7	1	227-6081	1	GEAR & BEARING GP-SWING	226
	8	1	227-6105	1	BOOT	
	9	1	227-6106	1	RETAINER	
	10	1	096-4902	1	DOWEL	
	11	1	148-4703	1	COVER	
	12	1	148-4704	1	GASKET	
	13	1	3B-8489	1	FITTING-GREASE	
	14	1	4N-9170	2	CLIP	
	15	1	7Y-1648	1	STRIP	
M	16	1	8T-0360	40	BOLT (M20X2.5X90-MM)	
M	17	1	8T-0362	37	BOLT (M20X2.5X110-MM)	
	18	1	8T-4121	14	WASHER-HARD (11X21X2.5-MM THK)	
M	19	1	8T-4137	2	BOLT (M10X1.5X20-MM)	
M	20	1	8T-4136	12	BOLT (M10X1.5X25-MM)	
M	21	1	8T-4199	2	BOLT (M8X1.25X12-MM)	
B	22	1	1U-8846		SEALANT-GASKET	

B-USE AS REQUIRED

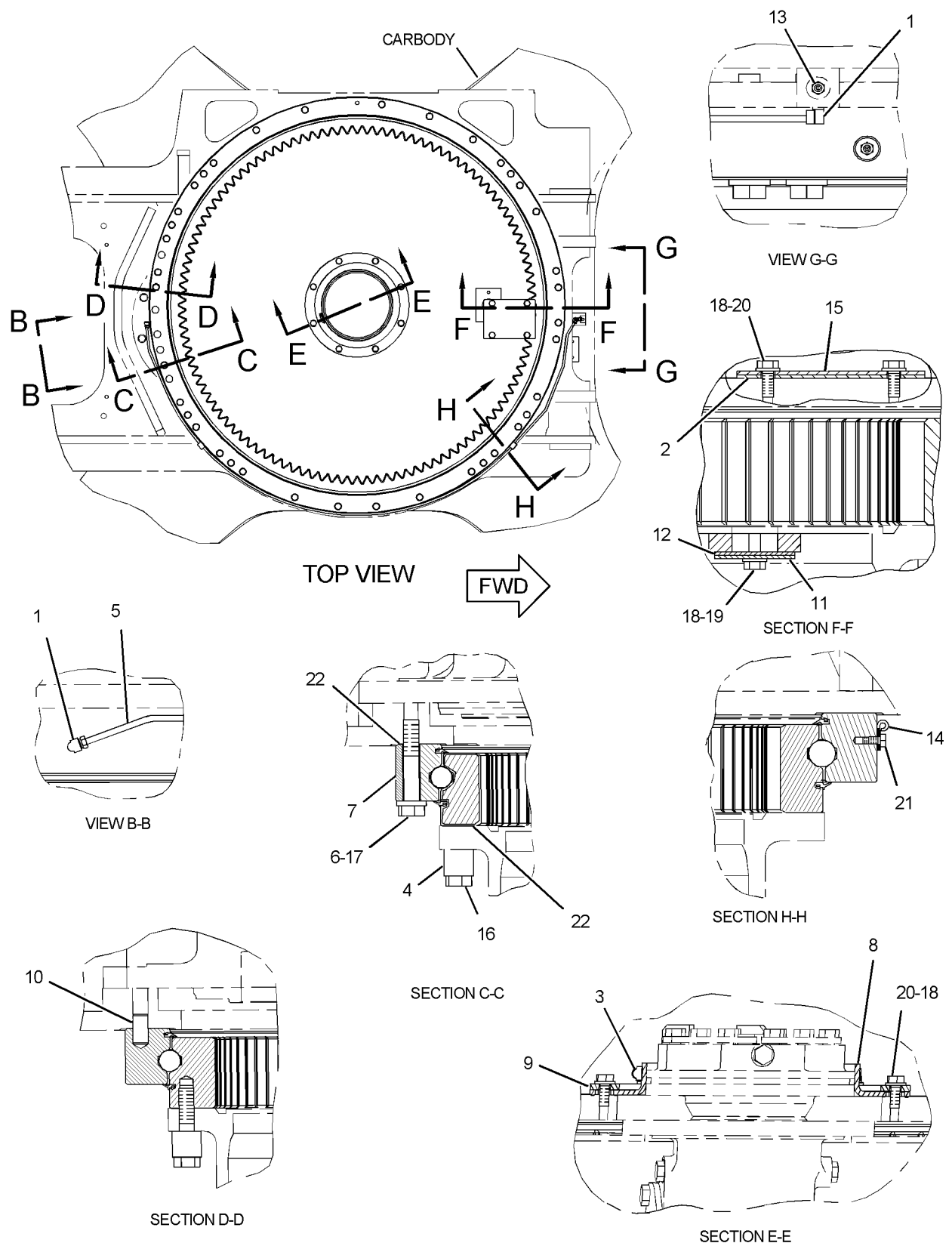
M-METRIC PART

Y-SEPARATE ILLUSTRATION

FRAME AND BODY

227-6147 GEAR & BEARING GP - SWING (contd.)

i02768511



GRAPHIC #1

<END>

g01276722

FRAME AND BODY

289-6424 GUARD GP - BOTTOM

S/N: A6F1-UP; A8F1-UP

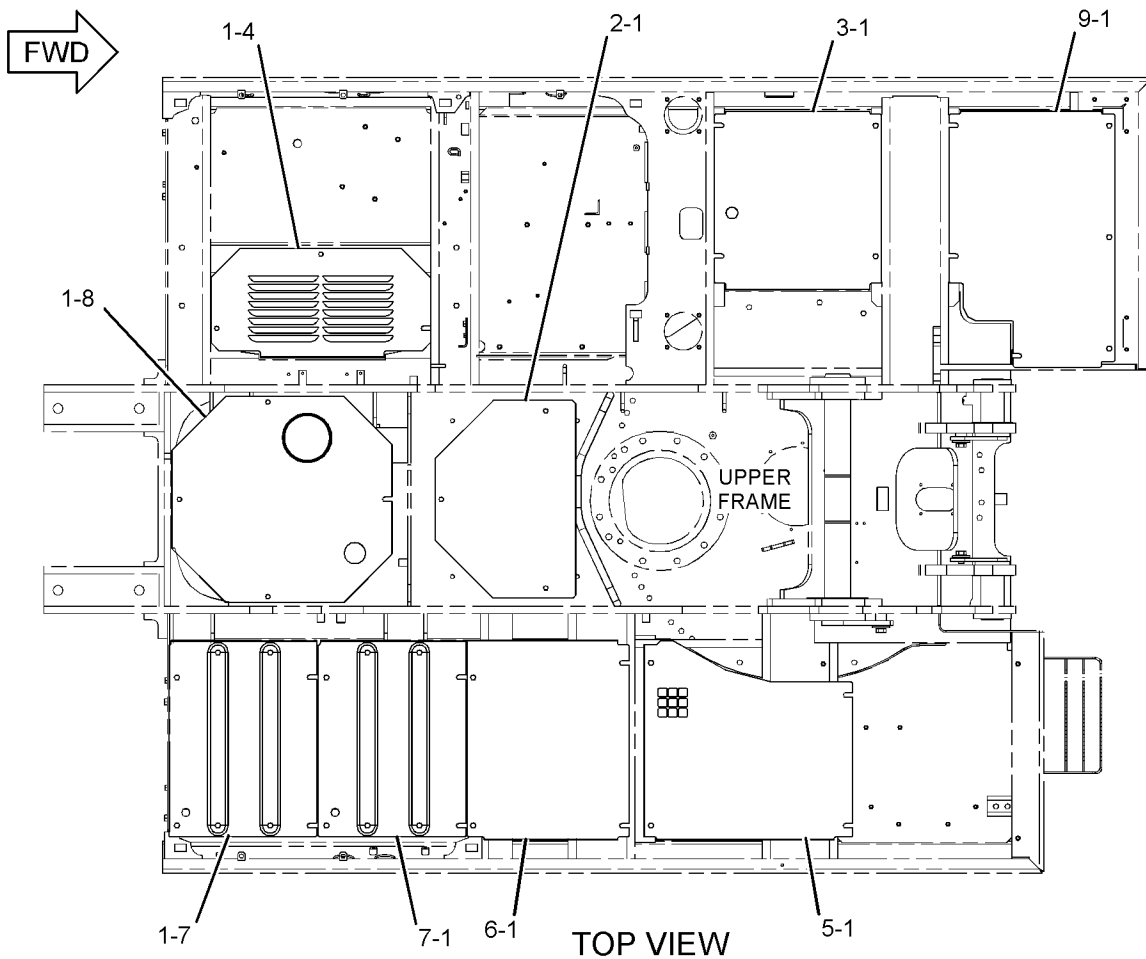
PART OF 264-8638, 264-8639 CHASSIS AR

SMCS-7153

i02775264

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	135-8576	36	BOLT AS-LOCKING (M12X1.75X30-MM)						
	2	1	165-2823	1	SHEET						
	3	1	248-8992	1	SHEET						
	4	1	248-8993	1	SHEET						
	5	1	248-8994	1	SHEET						
	6	1	248-8995	1	SHEET						
	7	1	273-7674	2	SHEET						
	8	1	286-6281	1	SHEET AS						
	9	1	289-6603	1	SHEET						

M-METRIC PART



GRAPHIC #1

<END>

g01297179

FRAME AND BODY

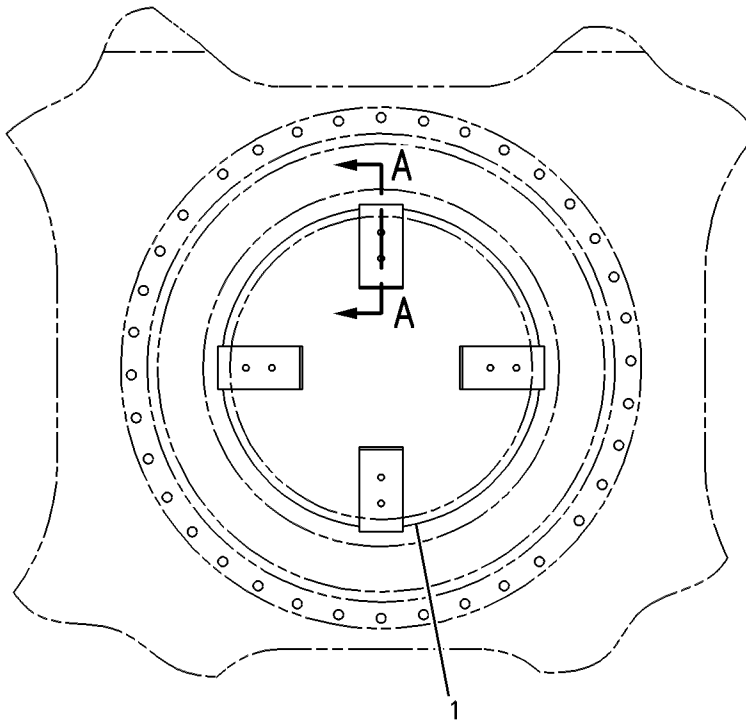
134-8850 GUARD GP - SWIVEL

S/N: A6F1-UP; A8F1-UP
AN ATTACHMENT

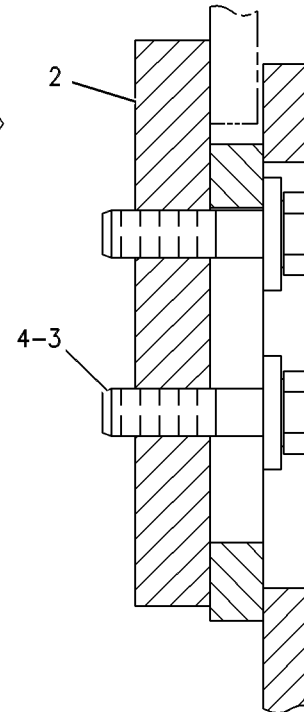
SMCS-7183

i01362454

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	134-8851	1	PLATE AS						
	2	1	130-4276	4	PLATE						
M	3	1	8T-4140	8	BOLT (M16X2.0X60MM)						
	4	1	3E-9411	8	WASHER-HARD (6MM THK)						
M-METRIC PART											



TOP VIEW



SECTION A-A

GRAPHIC #1

<END>

g00264950

FRAME AND BODY

142 - 3835 HANDRAIL GP

S/N: A6F1-UP; A8F1-UP

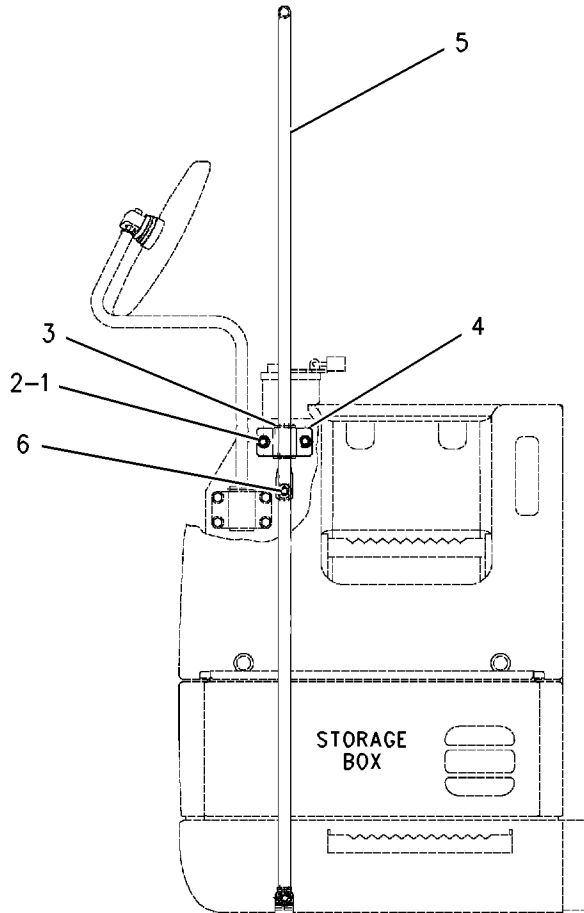
PART OF 264-8638, 264-8639 CHASSIS AR

SMCS-7256

i02770386

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)	
M	2	1	8T-4192	2	BOLT (M12X1.75X25-MM)	
	3	1	177-5880	2	SLEEVE	
	4	1	177-5879	1	CLAMP	
	5	1	177-5877	1	HANDHOLD AS	
M	6	1	135-8578	3	BOLT AS (M12X1.75X40-MM)	

M-METRIC PART



FRONT VIEW

GRAPHIC #1

<END>

g00678707

FRAME AND BODY

273-7726 HOOD & GUARD GP

S/N: A6F1-UP; A8F1-UP

PART OF 264-8638, 264-8639 CHASSIS AR

SMCS-7251, 7276

i02773441

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1R-9958	1	FASTENER	
	2	1	4I-0117	1	FASTENER	
	3	3	4I-0118	2	HOOK AS	
	4	2	4I-0232	2	STRIKER	
	5	2	4I-8019	3	SUPPORT	
	6	2	6I-6033	3	STOP	
	7	2,3	7Y-2853	8	SPACER (13X38X5-MM THK)	
	8	2	087-3908	4	SHIM (1-MM THK)	
	9	2	087-3909	4	SHIM (2-MM THK)	
	10	2	116-1628	1	SUPPORT AS	
		2	7Y-2885	1	SUPPORT	
		2	054-3788	2	ORIFICE	
	11	2	122-3979	1	BAND	
	12	2	122-3980	1	ROD	
	13	2	122-4120	3	ROD	
M	14	1,2,3,4	135-8573	73	BOLT AS (M12X1.75X25-MM)	
M	15	1,2,3	135-8575	35	BOLT AS-LOCKING (M12X1.75X30-MM)	
M	16	1,2	135-8577	4	BOLT AS (M12X1.75X35-MM)	
M	17	2	135-8578	6	BOLT AS (M12X1.75X40-MM)	
	18	1,3	170-3016	15	SPACER (19X32X2-MM THK)	
	19	2	184-8423	1	SUPPORT AS	
	20	2	190-6880	3	SUPPORT AS	
	21	2	203-4889	1	SPRING	
	22	2	203-4890	1	SPRING	
	23	1	244-8202	1	COVER AS	
	24	1	244-8207	1	COVER AS	
	25	3	244-8219	1	SUPPORT AS	
	26	3	244-8228	1	SUPPORT AS	
	27	3	244-8234	1	SUPPORT AS	
	28	3	244-8242	1	SUPPORT AS	
	29	3	244-8255	1	SUPPORT AS	
Y	30	3	248-8940	1	SUPPORT AS-ENCLOSURE	246
Y	31	1	262-2286	1	HOOD GP-ENGINE	238
	32	2	262-2324	1	COVER AS	
	33	1	262-2353	1	COVER AS	
	34	4	262-2363	1	SHEET AS	
		4	262-2365	1	LINER	
Y	35	3	278-3836	1	SHEET AS-SOUND SUPPRESSION	239
Y	36	4	278-3842	1	SHEET AS-SOUND SUPPRESSION	240
	37	1	278-3845	1	SUPPORT AS	
	38	4	283-3911	1	SHEET AS	
	39	4	286-6220	1	SHEET AS	
		4	286-6276		LINER	
	40	3	286-6359	1	SUPPORT AS	
Y	41	4	289-6572	1	SHEET AS-SOUND SUPPRESSION	241
Y	42	3	289-6695	1	SHEET AS-SOUND SUPPRESSION	242
	43	1	289-6698	1	SUPPORT AS	
		1	129-3400	1	GUARD	
		1	244-8198	1	LINER	
Y	44	4	289-6699	1	SHEET AS-SOUND SUPPRESSION	243
	45	3	289-6805	1	SUPPORT AS	
Y	46	1	289-6913	1	DOOR GP-ACCESS (PUMP)	220
Y	47	1	289-6915	1	DOOR GP-ACCESS (RADIATOR)	221
	48	4	293-6982	1	SHEET AS	
	49	4	293-7056	1	SHEET AS	
Y	50	1	298-2977	1	DOOR AS-ACCESS (LEFT SIDE, FRONT)	218

FRAME AND BODY

273-7726 HOOD & GUARD GP (contd.)

i02773441

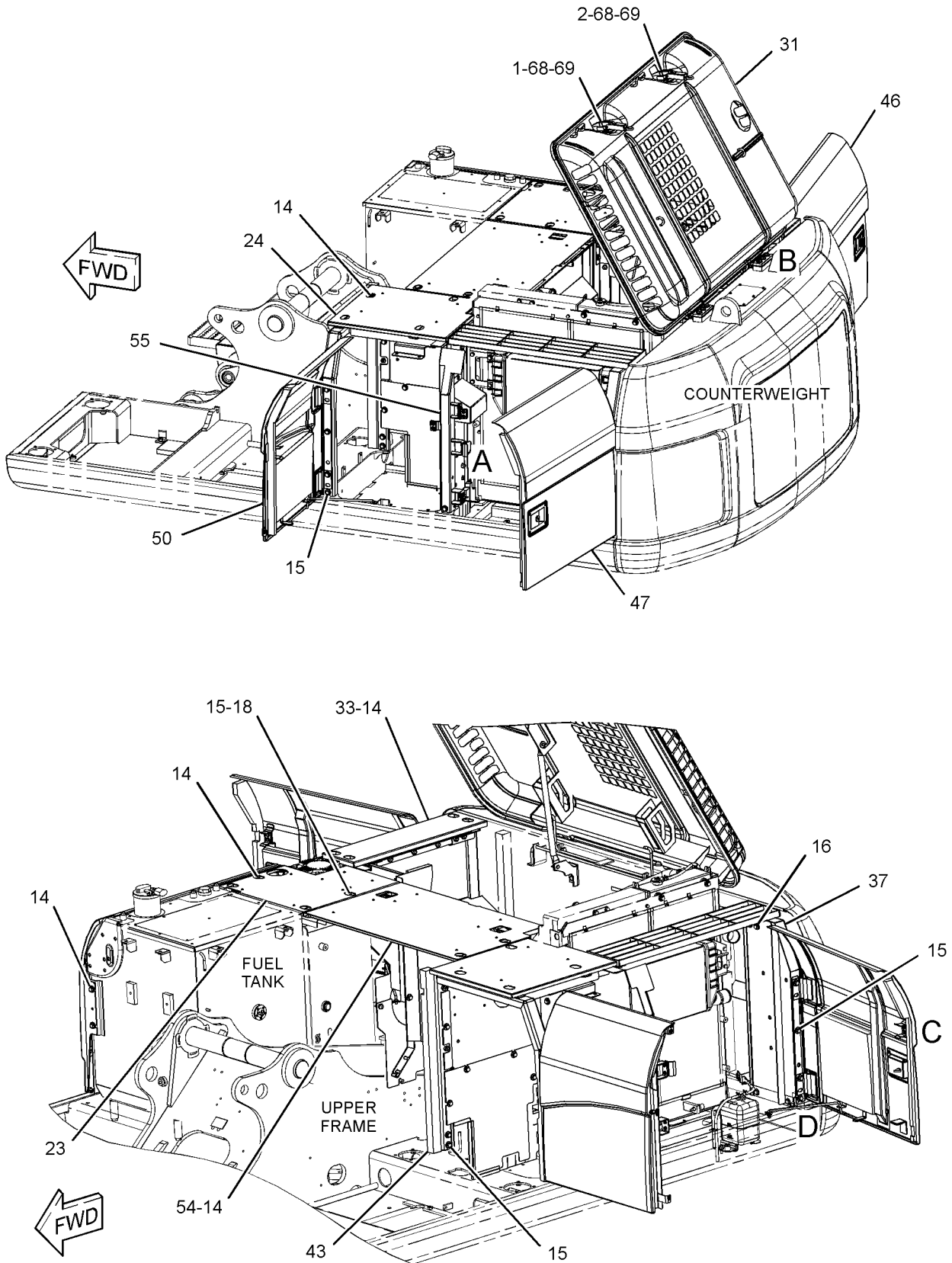
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	51	2	298-2979	1	COVER AS-ACCESS (HYDRAULIC TANK, SIDE)	217
	52	3	298-3038	1	SUPPORT AS	
	53	3	298-3041	1	SUPPORT AS	
		3	278-3832	1	LINER	
	54	1	298-3044	1	COVER AS	
Y	55	1	307-7662	1	SUPPORT AS-ENCLOSURE	247
	56	4	307-7700	1	SHEET AS	
		4	6P-2216	3	CAP (PUSH ON)	
		4	307-7702	1	INSULATION	
	57	2	3B-4618	4	PIN-COTTER	
M	58	2	105-3487	6	BOLT-SOCKET HEAD (M6X1X20-MM)	
	59	2	114-6285	2	BAR	
M	60	2	5C-9553	8	BOLT (M6X1X16-MM)	
	61	2	5P-4115	16	WASHER-HARD (7.2X19X2-MM THK)	
	62	2,3	7Y-2854	8	SPACER (24X38X3-MM THK)	
	63	2	8T-4121	5	WASHER-HARD (11X21X2.5-MM THK)	
	64	2	8T-4137	2	BOLT (M10X1.5X20-MM)	
M	65	2	8T-4138	10	BOLT (M6X1X20-MM)	
M	66	3	8T-4189	4	BOLT (M8X1.25X20-MM)	
	67	2	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)	
	68	1,3	8T-4224	8	WASHER-HARD (8.8X16X2-MM THK)	
M	69	1	8T-4908	4	BOLT (M8X1.25X25-MM)	
	70	2	9X-8256	8	WASHER (6.6X12X2-MM THK)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION

FRAME AND BODY

273-7726 HOOD & GUARD GP (contd.)

i02773441



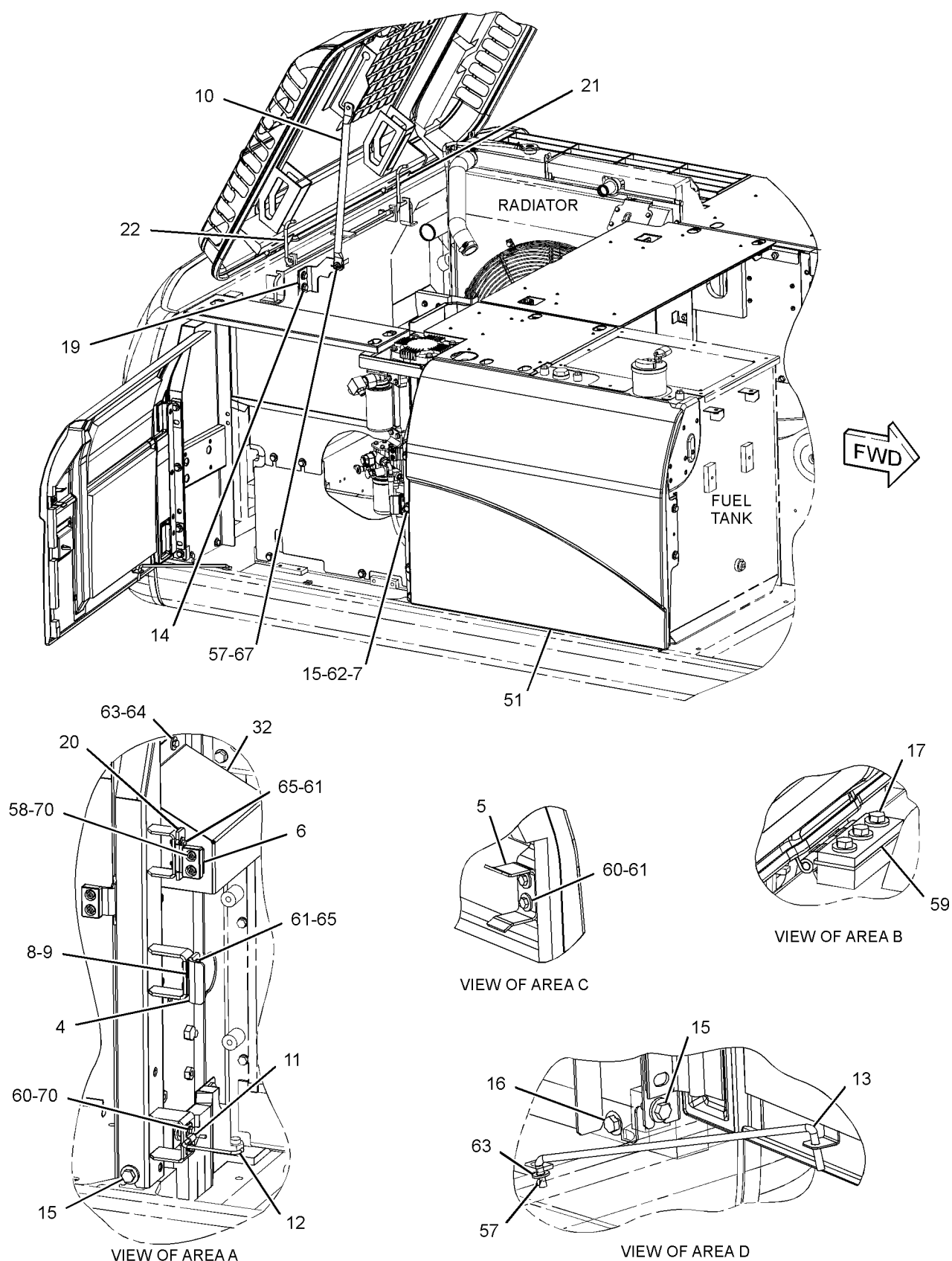
GRAPHIC #1

g01396366

FRAME AND BODY

273-7726 HOOD & GUARD GP (contd.)

i02773441



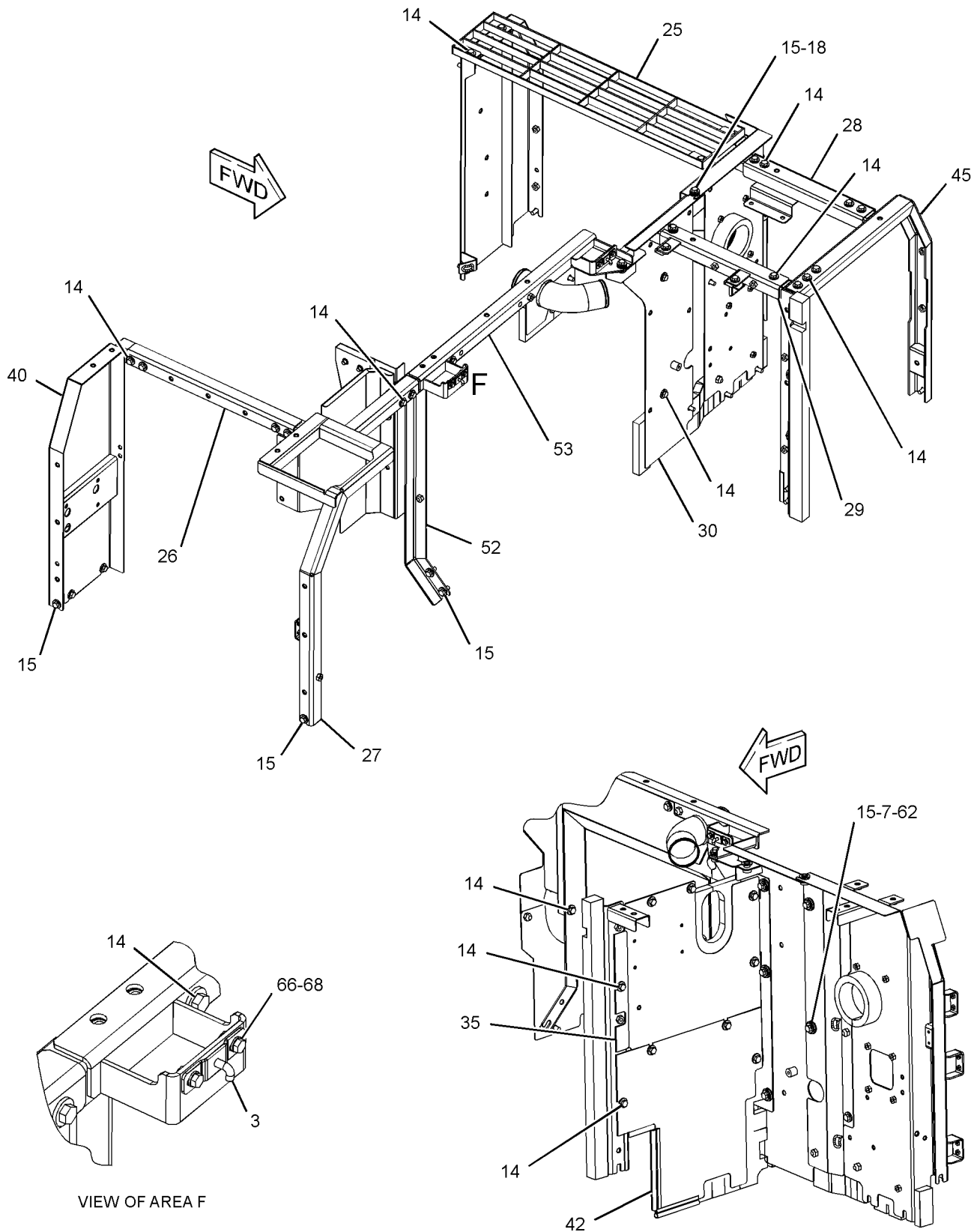
GRAPHIC #2

g01397194

FRAME AND BODY

273-7726 HOOD & GUARD GP (contd.)

i02773441



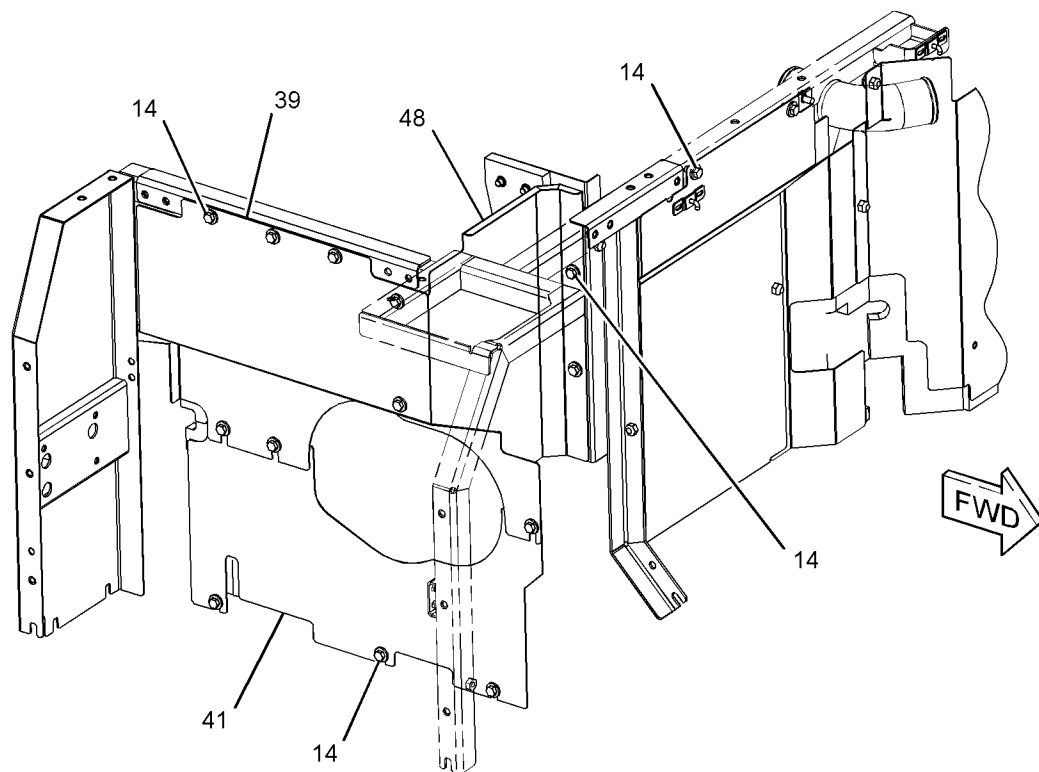
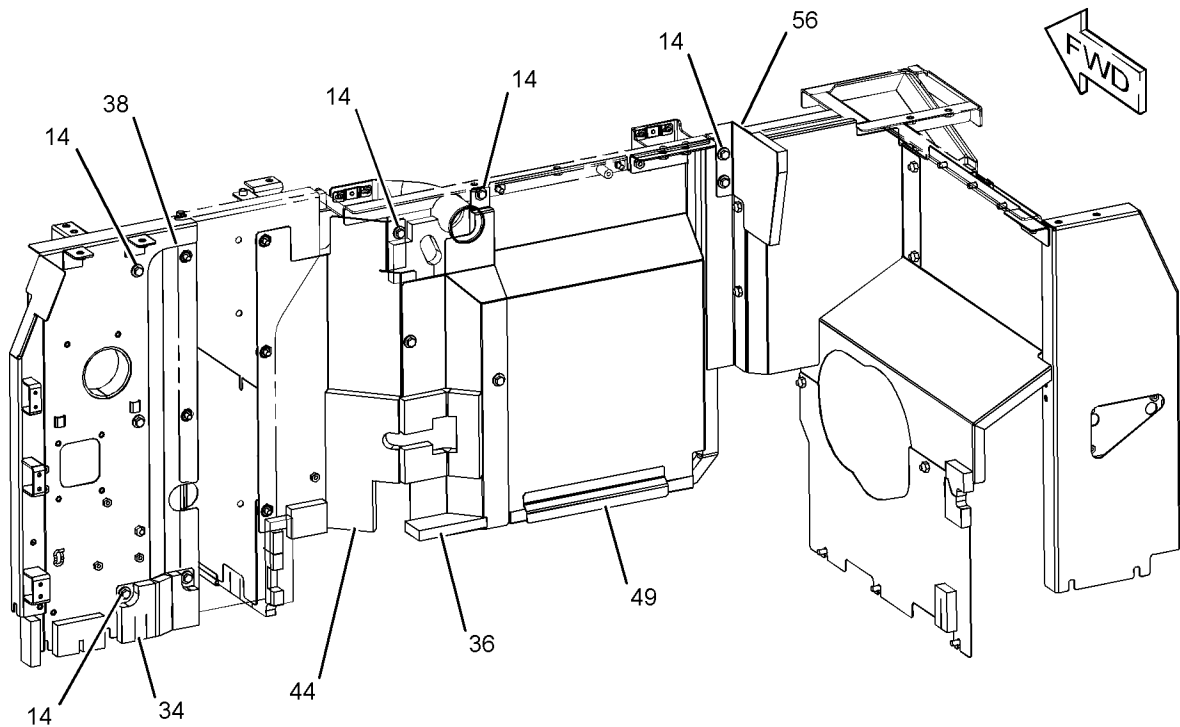
GRAPHIC #3

g01397204

FRAME AND BODY

273-7726 HOOD & GUARD GP (contd.)

i02773441



GRAPHIC #4

<END>

g01397293

FRAME AND BODY

262-2286 HOOD GP - ENGINE

S/N: A6F1-UP; A8F1-UP

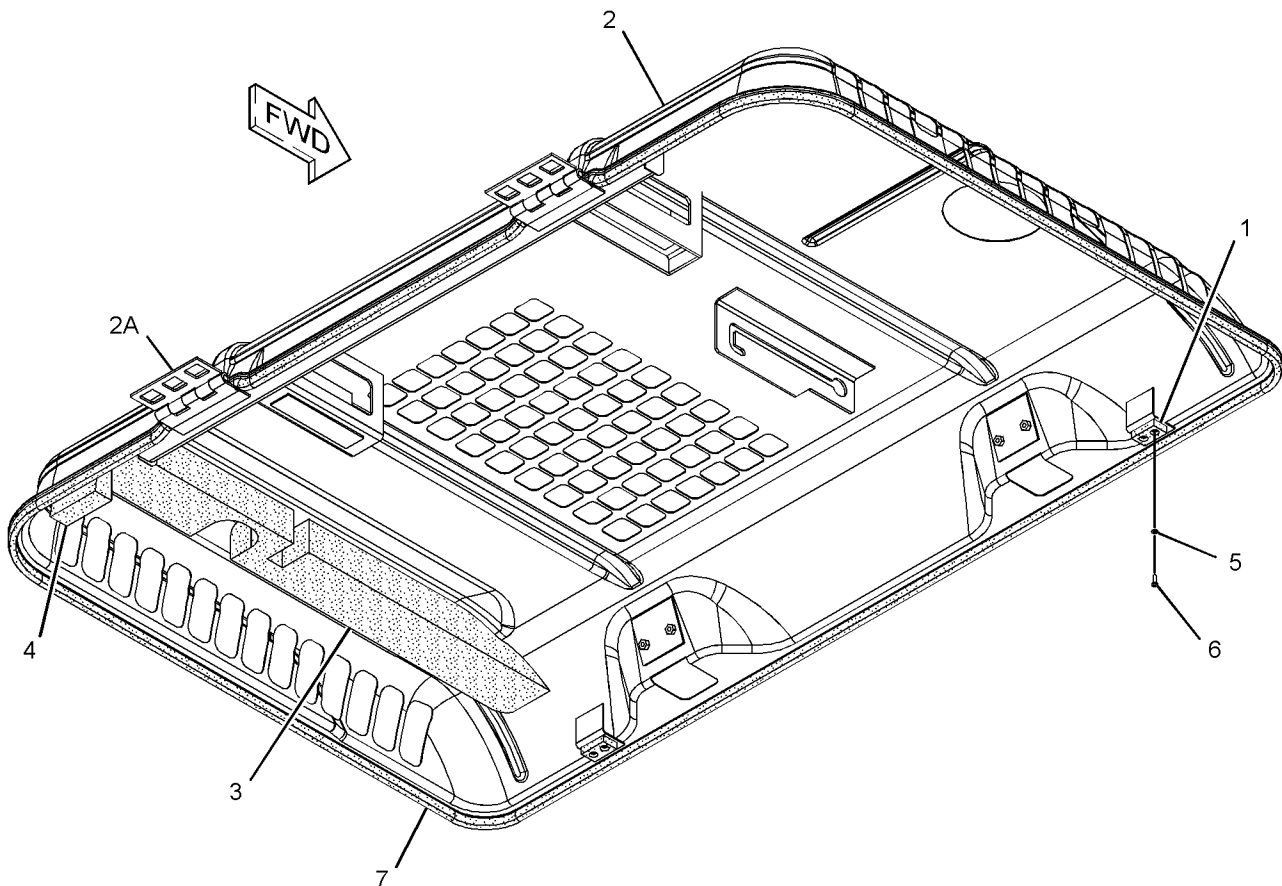
PART OF 273-7726 HOOD & GUARD GP

SMCS-7251

i02773688

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	096-4129	2	CUSHION						
	2	1	262-2287	1	HOOD AS-ENGINE						
	2A	1	114-6289	2	HINGE						
	3	1	262-2427	1	LINER						
	4	1	262-2428	1	LINER						
	5	1	8T-0328	4	WASHER-HARD (5.5X10X1-MM THK)						
M	6	1	8T-6693	4	SCREW-MACHINE (M5X0.8X16-MM)						
D	7	1	101-9848		SEAL (6.2-M)						

D- ORDER BY THE METER
M- METRIC PART



GRAPHIC #1

<END>

g01392502

FRAME AND BODY

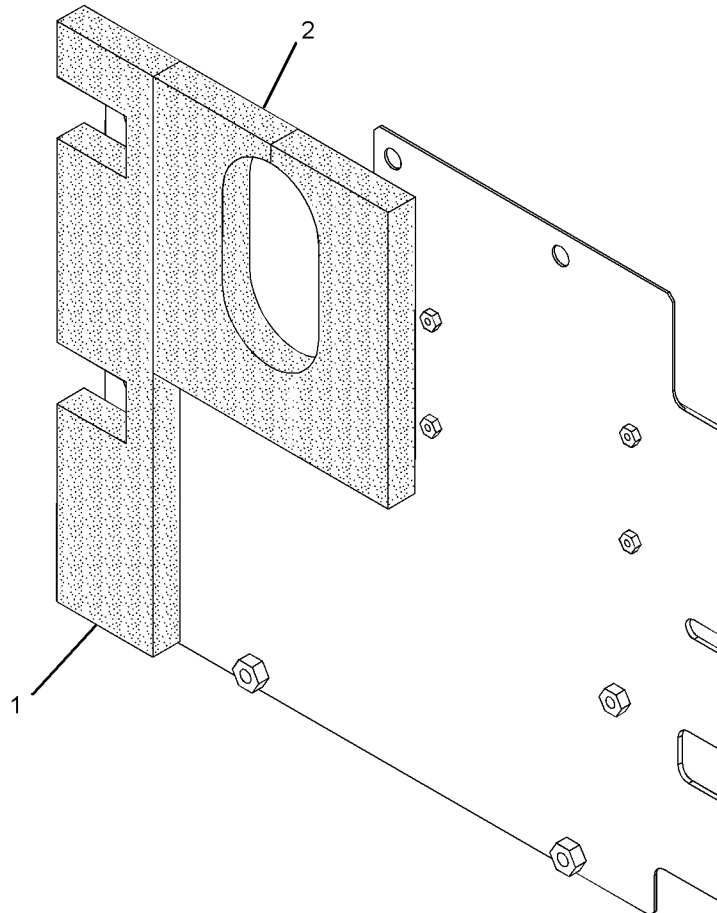
278-3836 SHEET AS-SOUND SUPPRESSION

S/N: A6F1-UP; A8F1-UP
PART OF 273-7726 HOOD & GUARD GP

SMCS-1801, 7076, 7251, 7267

i02774588

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	262-2313	1	LINER						
	2	1	278-3837	1	LINER						



GRAPHIC #1

<END>

g01392526

FRAME AND BODY

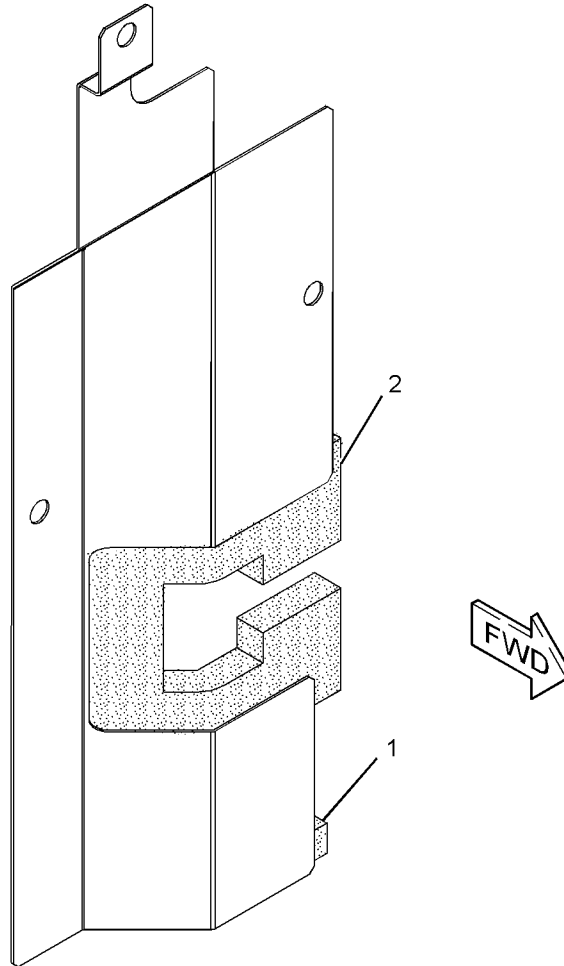
278-3842 SHEET AS-SOUND SUPPRESSION

S/N: A6F1-UP; A8F1-UP
PART OF 273-7726 HOOD & GUARD GP

SMCS-1801, 7076, 7251, 7267

i02775617

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	204-3663	1	LINER						
	2	1	199-7398	1	LINER						



GRAPHIC #1

<END>

g01392629

FRAME AND BODY

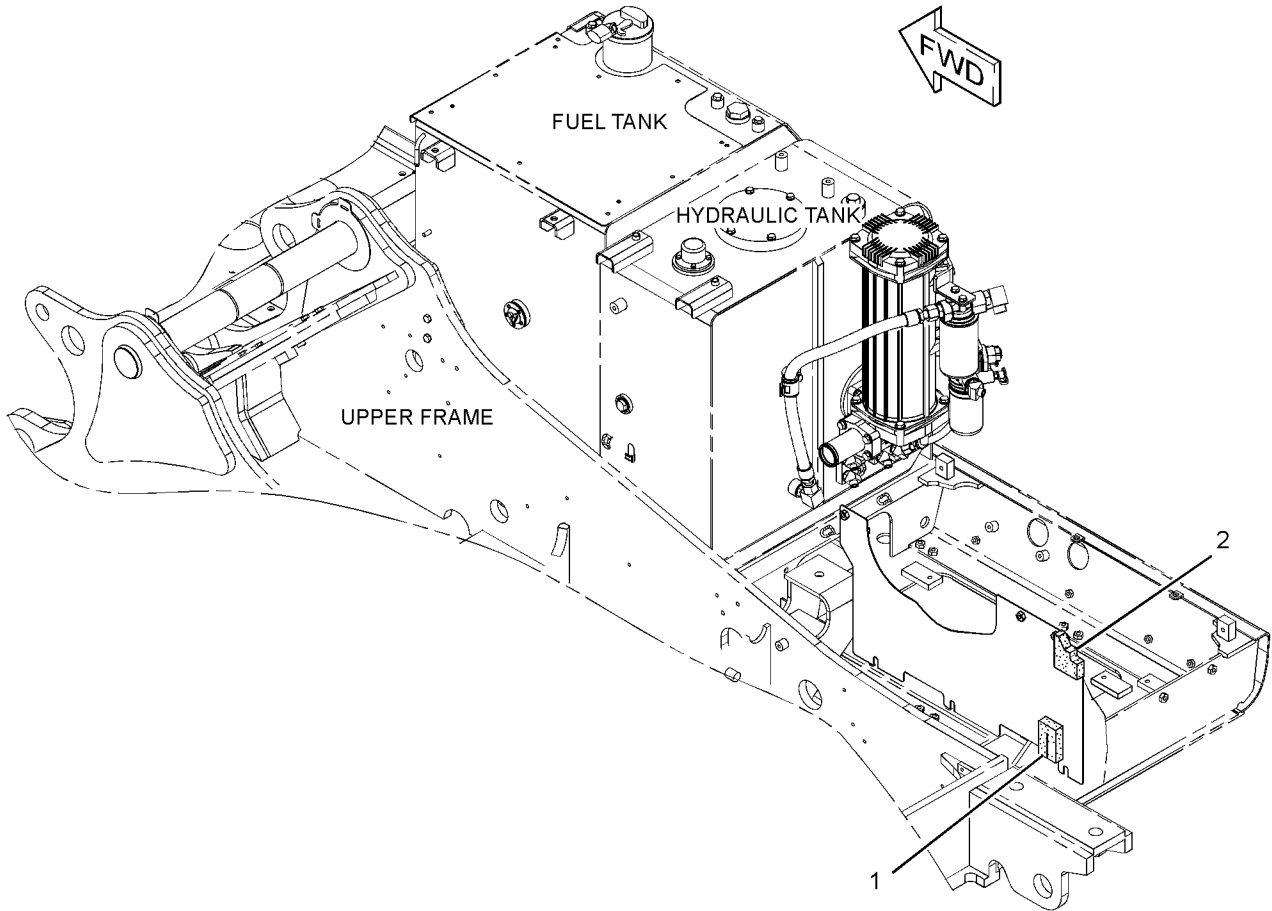
289 - 6572 SHEET AS - SOUND SUPPRESSION

S/N: A6F1-UP; A8F1-UP
PART OF 273-7726 HOOD & GUARD GP

SMCS-1801, 7076, 7251, 7267

i02775645

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	283-3905	1	LINER						
	2	1	286-6277	1	LINER						



GRAPHIC #1

<END>

g01393130

FRAME AND BODY

289 - 6695 SHEET AS - SOUND SUPPRESSION

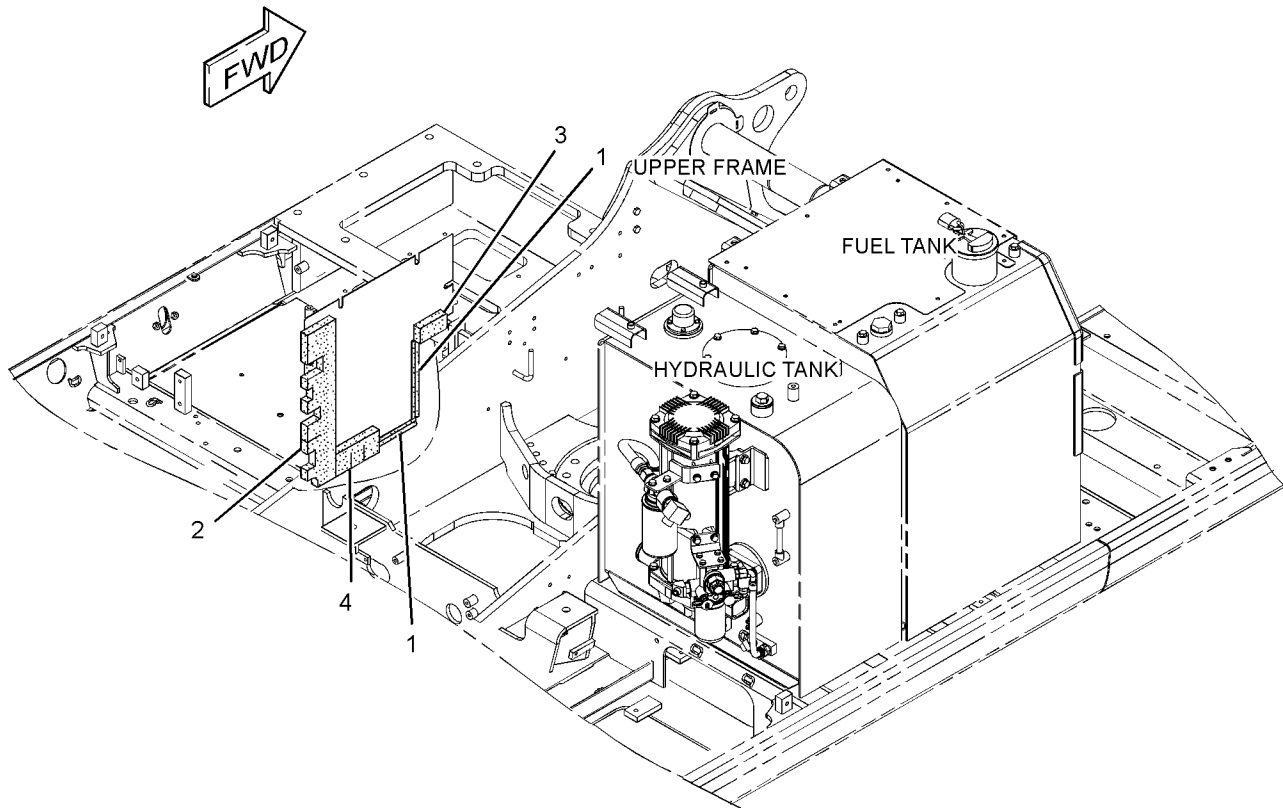
S/N: A6F1-UP; A8F1-UP
PART OF 273-7726 HOOD & GUARD GP

SMCS-1801, 7076, 7251, 7267

i02774626

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
D	1	1	5P-8309		SEAL (.5-M)						
	2	1	289-6697	1	LINER						
	3	1	244-8284	1	LINER						
	4	1	262-2347	1	LINER						

D-ORDER BY THE METER



GRAPHIC #1

<END>

g01393253

FRAME AND BODY

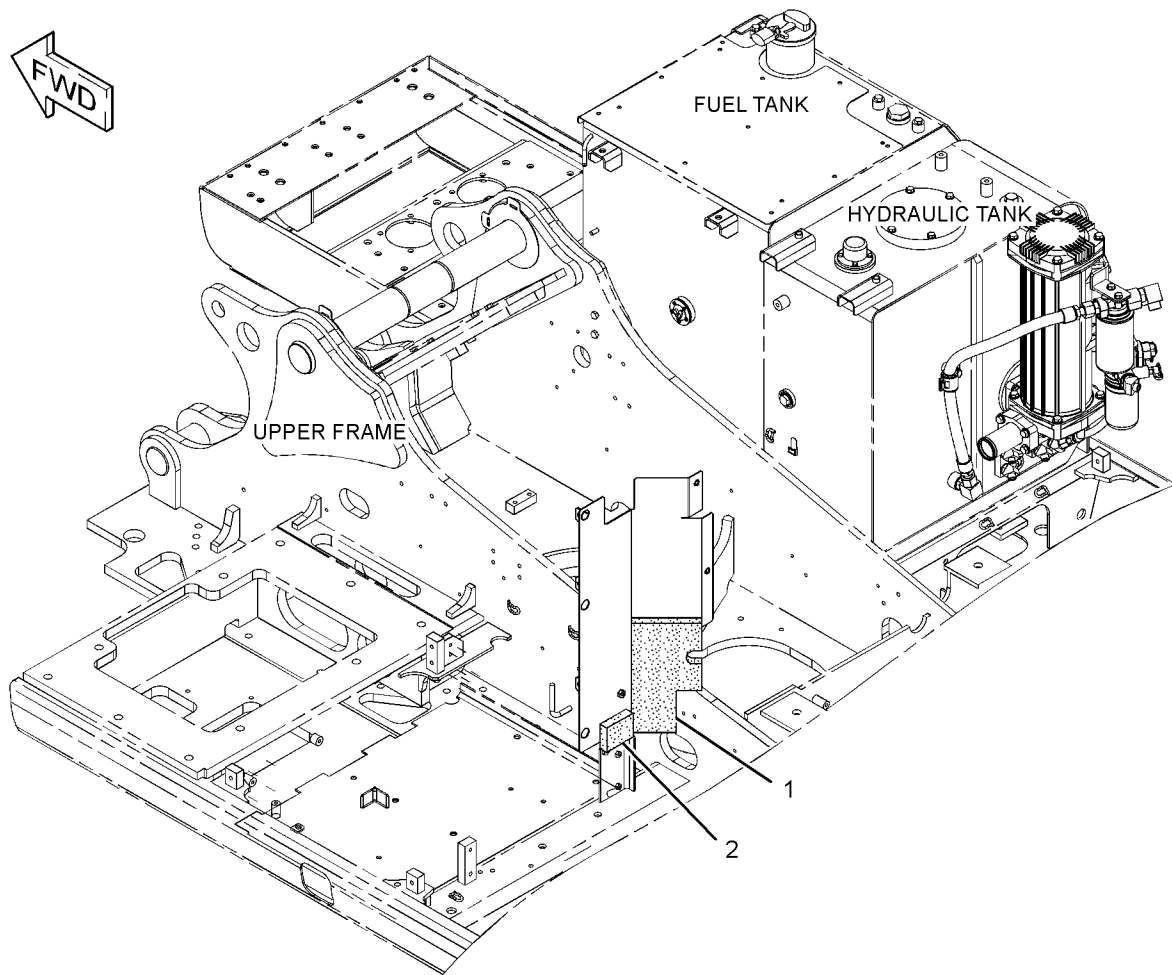
289 - 6699 SHEET AS - SOUND SUPPRESSION

S/N: A6F1-UP; A8F1-UP
PART OF 273-7726 HOOD & GUARD GP

SMCS-1801, 7076, 7251, 7267

i02775659

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	262-2309	1	LINER						
	2	1	289-6700	1	LINER						



GRAPHIC #1

<END>

g01393250

FRAME AND BODY

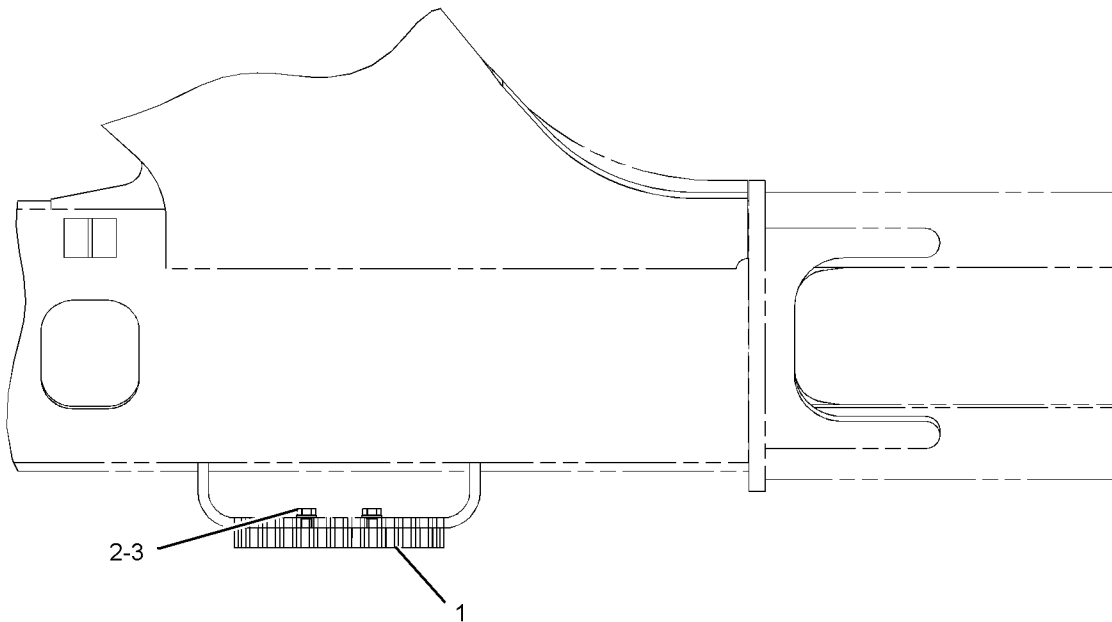
235 - 7764 STEP GP

S/N: A6F1-UP; A8F1-UP
PART OF 247-7346, 247-7382 TRACK AR
AN ATTACHMENT

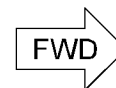
SMCS-7254

i02503808

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	235-7765	2	STEP						
M	2	1	8T-7338	4	BOLT (M16X2X45-MM)						
	3	1	9X-8257	4	WASHER (17.5X30X3.5-MM THK)						
M-METRIC PART											



TOP VIEW



GRAPHIC #1

<END>

g01150668

FRAME AND BODY

273-7727 STORAGE GP-VANDALISM GUARD-VANDALISM GUARD

S/N: A6F1-UP; A8F1-UP

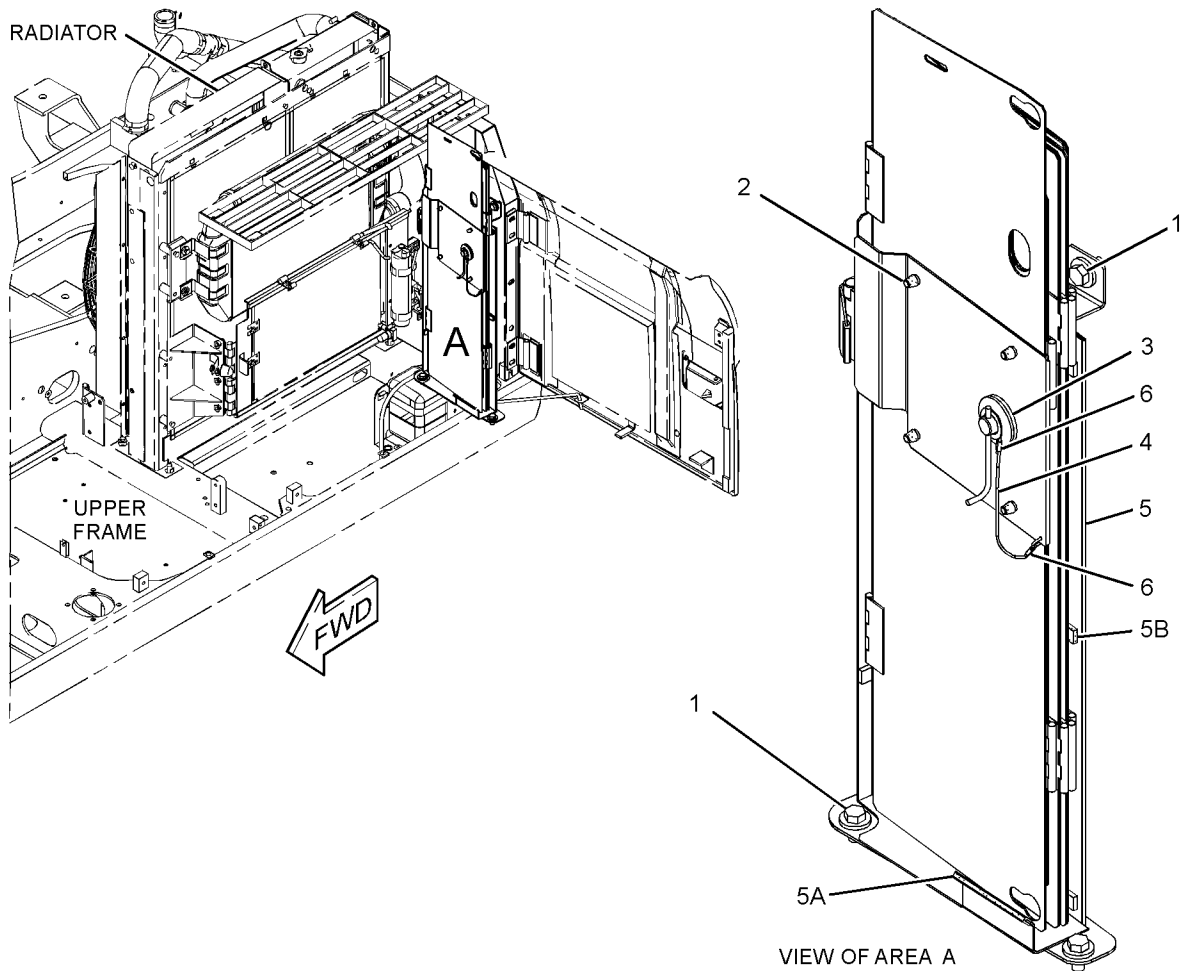
PART OF 264-8648, 264-8649 GUARD AR-VANDALISM
AN ATTACHMENT

SMCS-7315

i02789524

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	135-8573	4	BOLT AS (M12X1.75X25-MM)						
	2	1	170-3015	4	BUMPER						
	3	1	241-1933	1	BOLT AS						
	4	1	241-1938	1	CABLE						
	5	1	278-3729	1	SHEET AS						
E	5A	1	184-8580		SEAL (15-CM)						
E	5B	1	237-5586		SEAL (95-CM)						
	6	1	5P-7958	2	SLEEVE-CABLE SPLICE						

E-ORDER BY THE CENTIMETER
M-METRIC PART



GRAPHIC #1

<END>

g01339743

FRAME AND BODY

248-8940 SUPPORT AS-ENCLOSURE

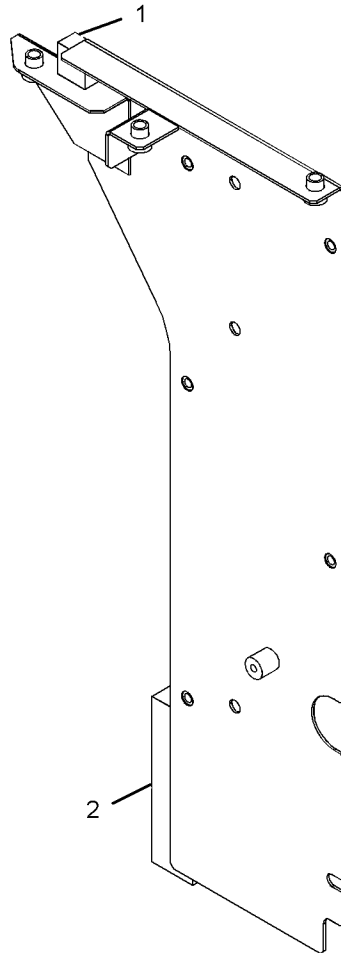
S/N: A6F1-UP; A8F1-UP

PART OF 273-7726 HOOD & GUARD GP

SMCS-0635, 1801, 7076, 7251, 7263, 7267, 7272, 7276

i02775527

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	248-8944	1	LINER	
	2	1	248-8943	1	LINER	



GRAPHIC #1

<END>

g01392607

FRAME AND BODY

307-7662 SUPPORT AS-ENCLOSURE

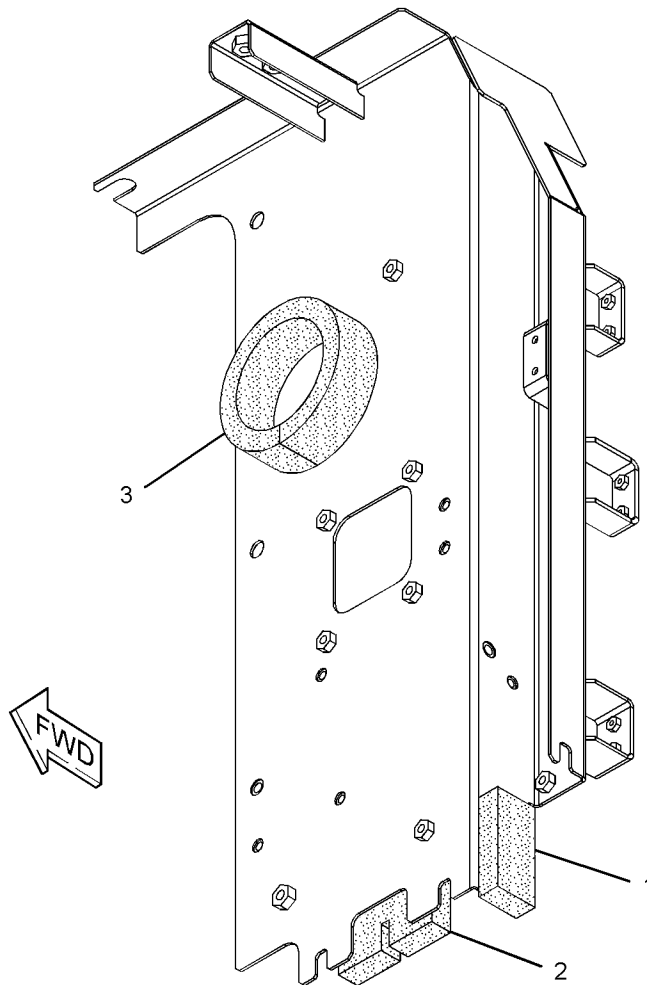
S/N: A6F1-UP; A8F1-UP

PART OF 273-7726 HOOD & GUARD GP

SMCS-0635, 1801, 7076, 7251, 7263, 7267, 7272, 7276

i02775753

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	244-8277	1	LINER						
	2	1	244-8278	1	LINER						
	3	1	244-8288	1	LINER						



GRAPHIC #1

<END>

g01377554

UNDERCARRIAGE

240-3822 FRAME AR-UNDERCARRIAGE

S/N: A8F1-UP

PART OF 264-8627 GENERAL AR

SMCS-4151

i02768441

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	236-8341	1	FRAME AS-UNDERCARRIAGE						249
Y	227-6147	1	GEAR & BEARING GP-SWING						227
Y	087-5908	2	GUARD GP-TRACK GUIDE						250
Y	163-3754	1	GUARD GP-TRAVEL MOTOR						255
Y	239-4341	1	IDLER GP-FRONT						257
Y	7Y-1608	1	ROLLER AR-TRACK & CARRIER						264

Y-SEPARATE ILLUSTRATION

<END>

247-7454 FRAME AR-UNDERCARRIAGE-STANDARD

S/N: A6F1-UP

PART OF 264-8626 GENERAL AR

SMCS-4151

i02780846

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	227-6147	1	GEAR & BEARING GP-SWING						227
Y	087-5908	2	GUARD GP-TRACK GUIDE						250
Y	163-3754	1	GUARD GP-TRAVEL MOTOR						255
Y	239-4341	1	IDLER GP-FRONT						257
Y	7Y-1607	1	ROLLER AR-TRACK & CARRIER						263
	254-3022	1	FRAME AS-UNDERCARRIAGE						
	235-7520	4	STEP						

Y-SEPARATE ILLUSTRATION

<END>

UNDERCARRIAGE

236-8341 FRAME AS-UNDERCARRIAGE

S/N: A8F1-UP

PART OF 240-3822 FRAME AR-UNDERCARRIAGE

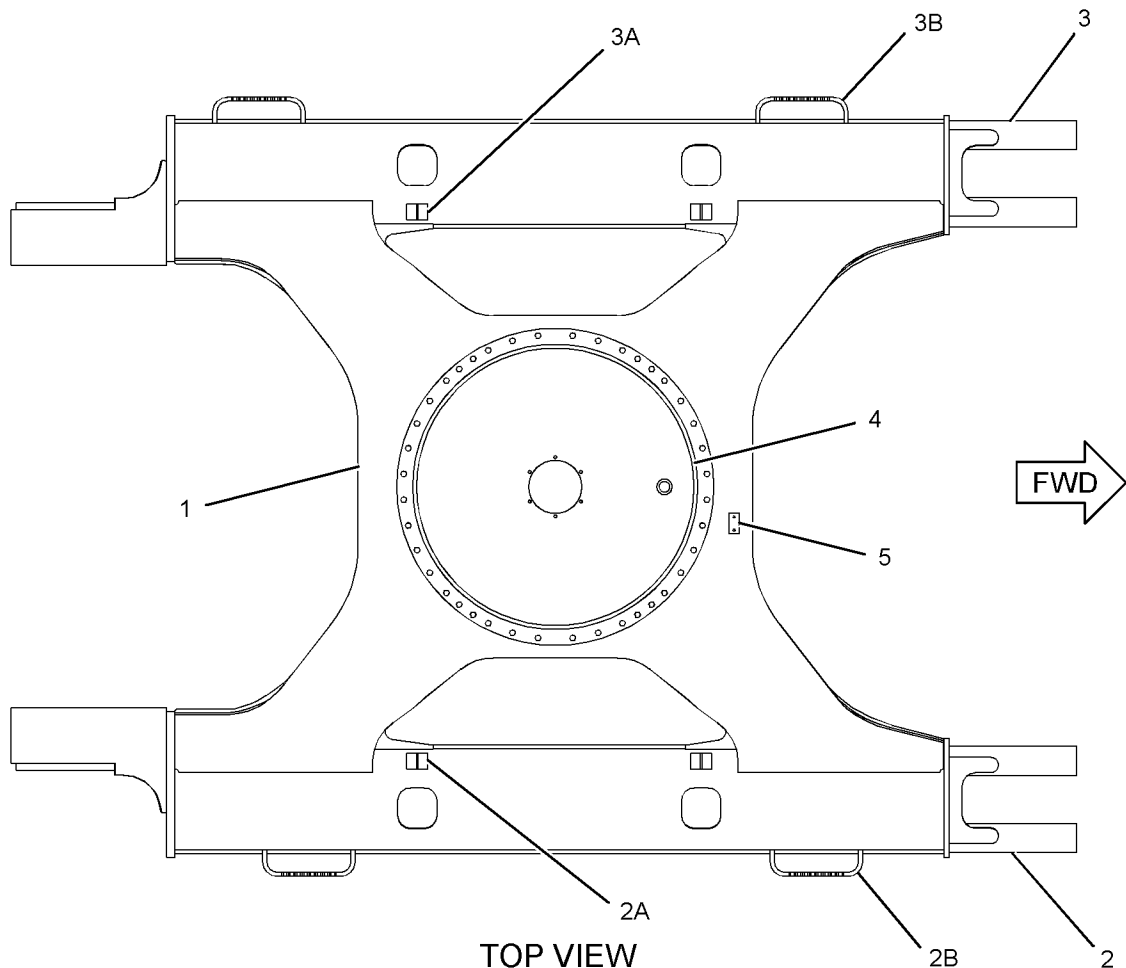
SMCS-4150

i02772525

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Z	1	1		1	FRAME AS-CARBODY						
	2	1	236-8357	1	FRAME AS-TRACK ROLLER						
	2A	1	117-5540	2	BRACKET						
	2B	1	235-7520	2	STEP						
	3	1	236-8358	1	FRAME AS-TRACK ROLLER						
	3A	1	117-5540	2	BRACKET						
	3B	1	235-7520	2	STEP						
Z	4	1		1	COVER AS						
B	5	1	6C-1886	1	PLATE						

B-USE AS REQUIRED

Z-NOT SERVICED SEPARATELY



GRAPHIC #1

g01208777

UNDERCARRIAGE

087-5908 GUARD GP-TRACK GUIDE

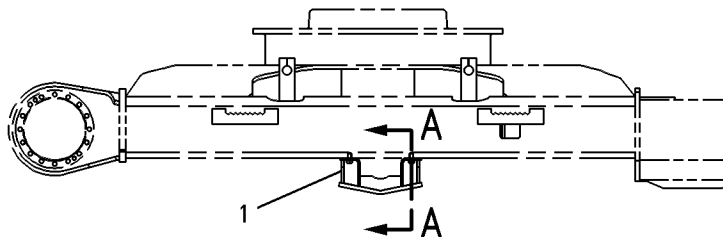
S/N: A6F1-UP; A8F1-UP

PART OF 240-3822, 247-7454 FRAME AR-UNDERCARRIAGE

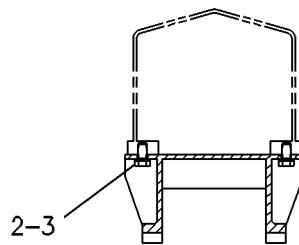
SMCS-4177

i02570222

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	240-2988	1	GUARD AS-TRACK GUIDE						
M	2	1	8T-5460	4	BOLT (M20X2.5X40-MM)						
	3	1	8T-4123	4	WASHER (22X35X3.5-MM THK)						
M-METRIC PART											



RIGHT SIDE VIEW



SECTION A-A

GRAPHIC #1

<END>

g00257014

UNDERCARRIAGE

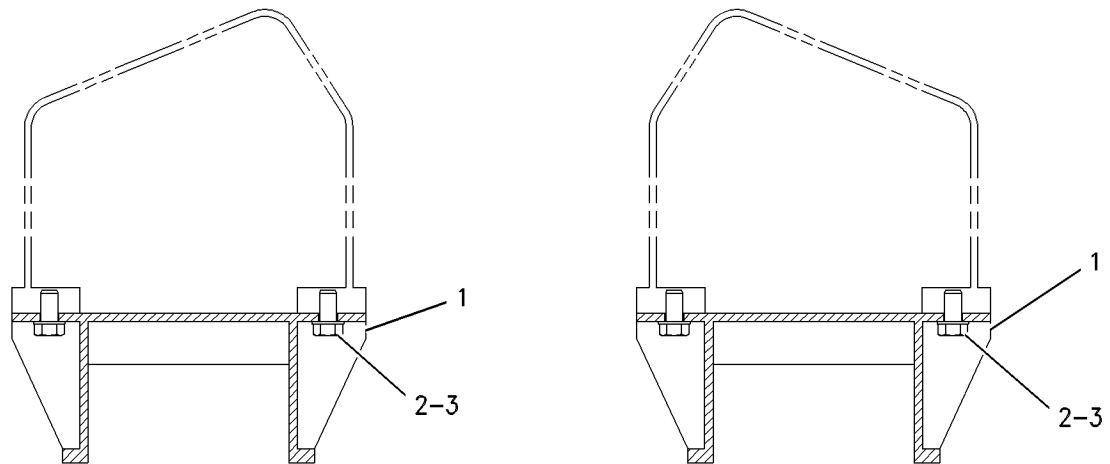
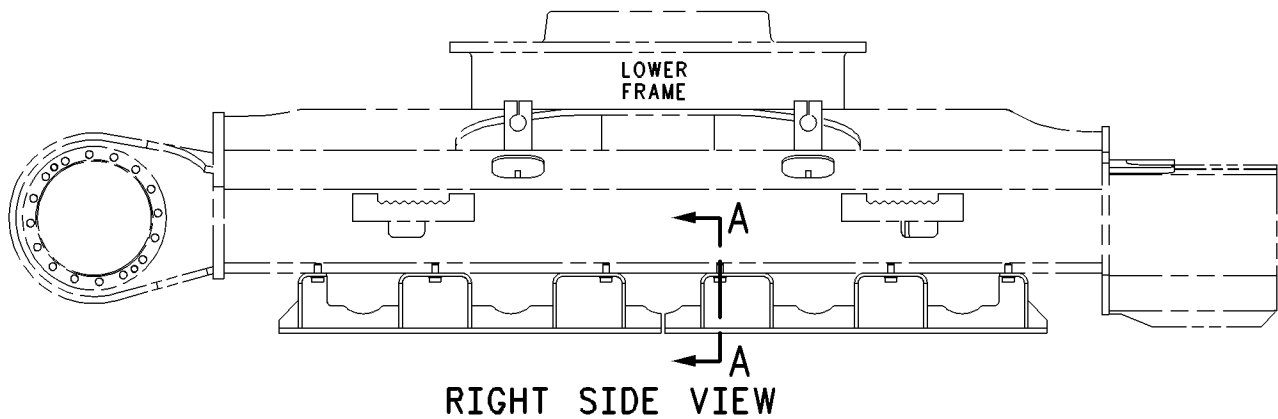
120-7164 GUARD GP - TRACK GUIDE

S/N: A6F1-UP
SPROCKET
AN ATTACHMENT

SMCS-4177

i02337441

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	219-8468	2	GUARD AS - TRACK GUIDE	
M	2	1	8T-5460	12	BOLT (M20X2.5X40-MM)	
	3	1	8T-4123	12	WASHER (22X35X3.5-MM THK)	
M-METRIC PART						



GRAPHIC #1

<END>

g00470469

UNDERCARRIAGE

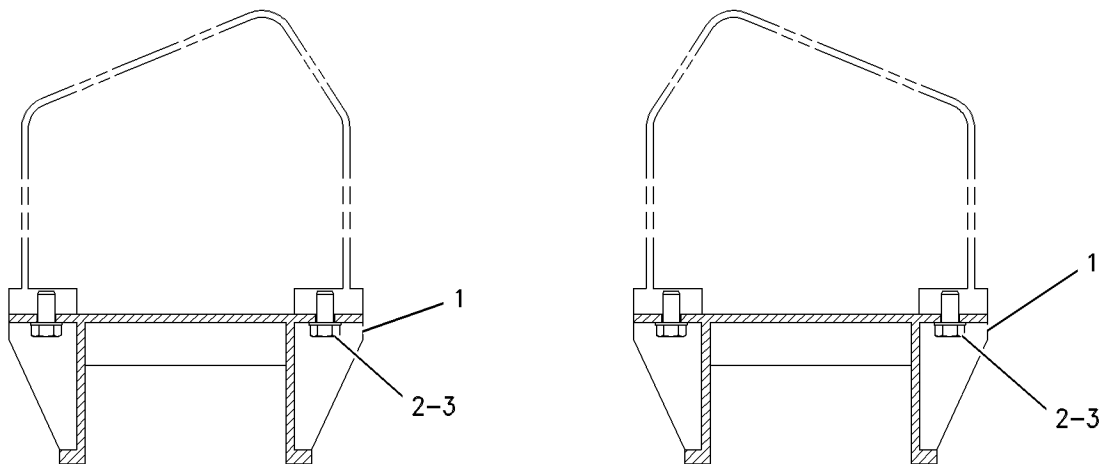
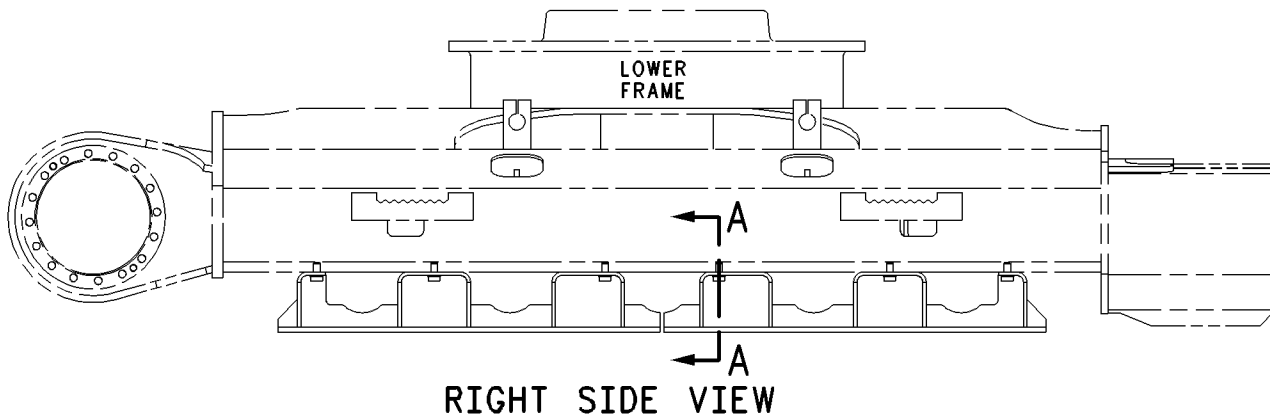
120-7165 GUARD GP-TRACK GUIDE-FULL LENGTH

S/N: A6F1-UP
AN ATTACHMENT

SMCS-4177

i02401717

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	219-8468	4	GUARD AS-TRACK GUIDE						
M	2	1	8T-5460	24	BOLT (M20X2.5X40-MM)						
	3	1	8T-4123	24	WASHER (22X35X3.5-MM THK)						
M-METRIC PART											



GRAPHIC #1

<END>

g00470469

UNDERCARRIAGE

120-7167 GUARD GP - TRACK GUIDE

S/N: A8F1-UP

SPROCKET

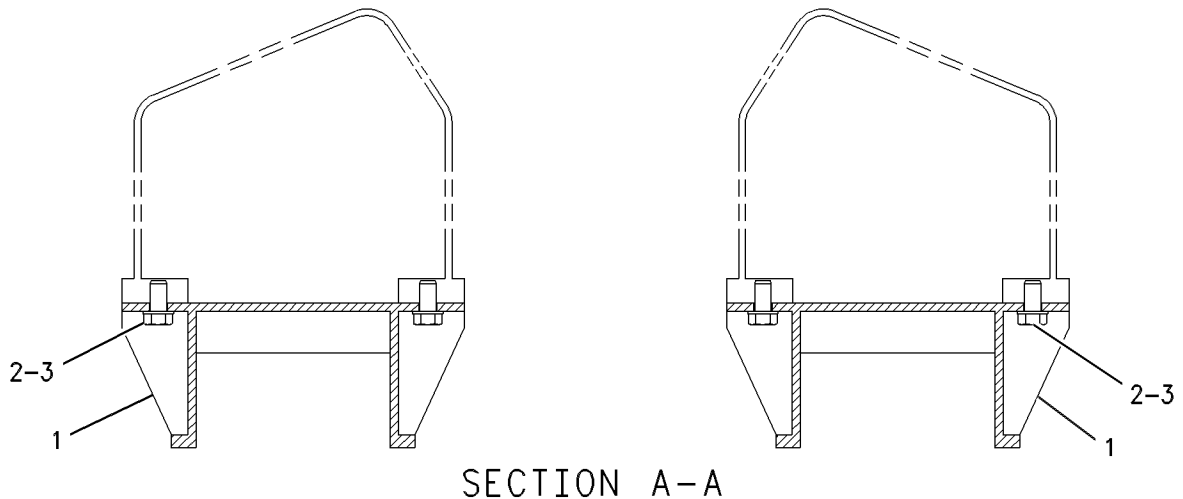
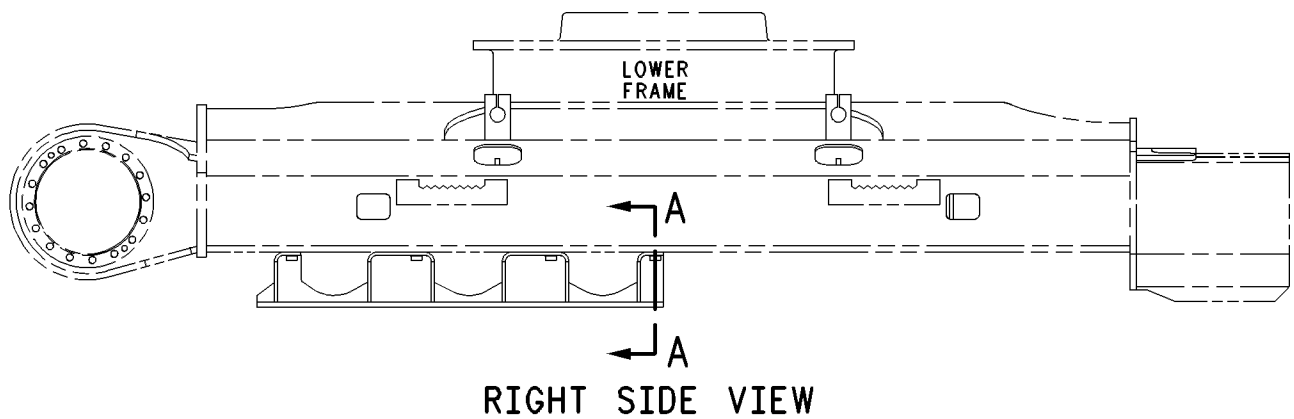
AN ATTACHMENT

SMCS-4177

i01892247

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	219-8469	2	GUARD AS - TRACK GUIDE						
M	2	1	8T-5460	16	BOLT (M20X2.5X40-MM)						
	3	1	8T-4123	16	WASHER (22X35X3.5-MM THK)						

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



GRAPHIC #1

<END>

g00492462

UNDERCARRIAGE

120-7168 GUARD GP - TRACK GUIDE

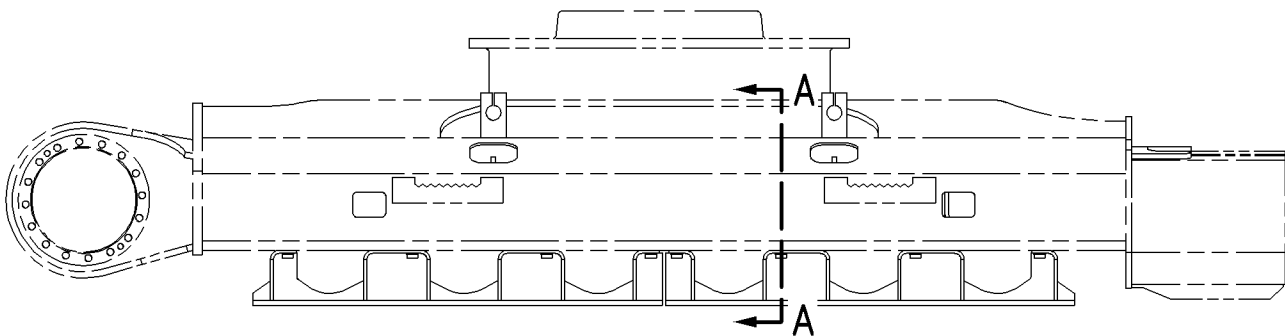
S/N: A8F1-UP
FULL LENGTH
AN ATTACHMENT

SMCS-4177

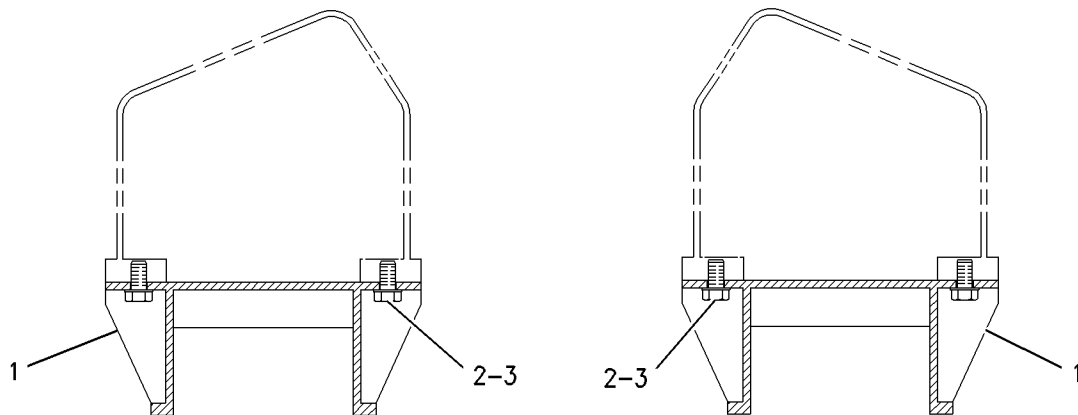
i01890078

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	219-8469	4	GUARD AS - TRACK GUIDE						
M	2	1	8T-5460	32	BOLT (M20X2.5X40-MM)						
	3	1	8T-4123	32	WASHER (22X35X3.5-MM THK)						

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



RIGHT SIDE VIEW



SECTION A-A

GRAPHIC #1

<END>

g00736329

UNDERCARRIAGE

163-3754 GUARD GP-TRAVEL MOTOR

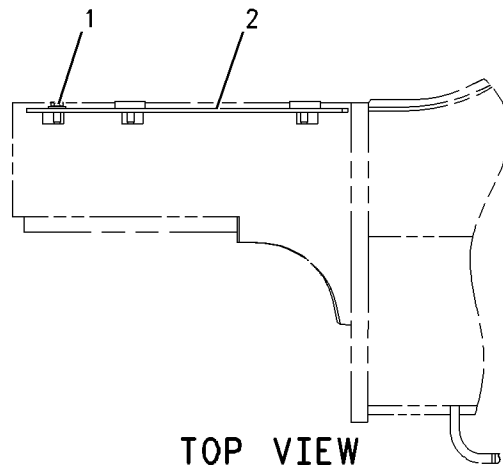
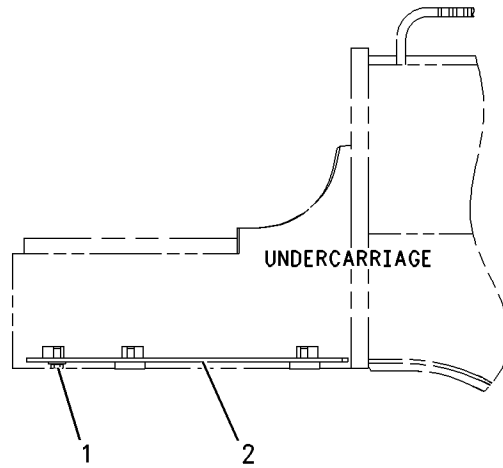
S/N: A6F1-UP; A8F1-UP

PART OF 240-3822, 247-7454 FRAME AR-UNDERCARRIAGE

SMCS-7163

i01389079

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
M	1	1	135-8576	8	BOLT AS-LOCKING (M12X1.75X30-MM)	
					(EACH INCLUDES)	
		1	5P-1076	1	WASHER-HARD (13.5X30X4-MM THK)	
M		1	8C-8992	1	BOLT-LOCKING (M12X1.75X30-MM)	
	2	1	163-3755	2	COVER	
M-METRIC PART						



TOP VIEW

GRAPHIC #1

<END>

g00678898

UNDERCARRIAGE

166 - 1478 GUARD GP - TRAVEL MOTOR

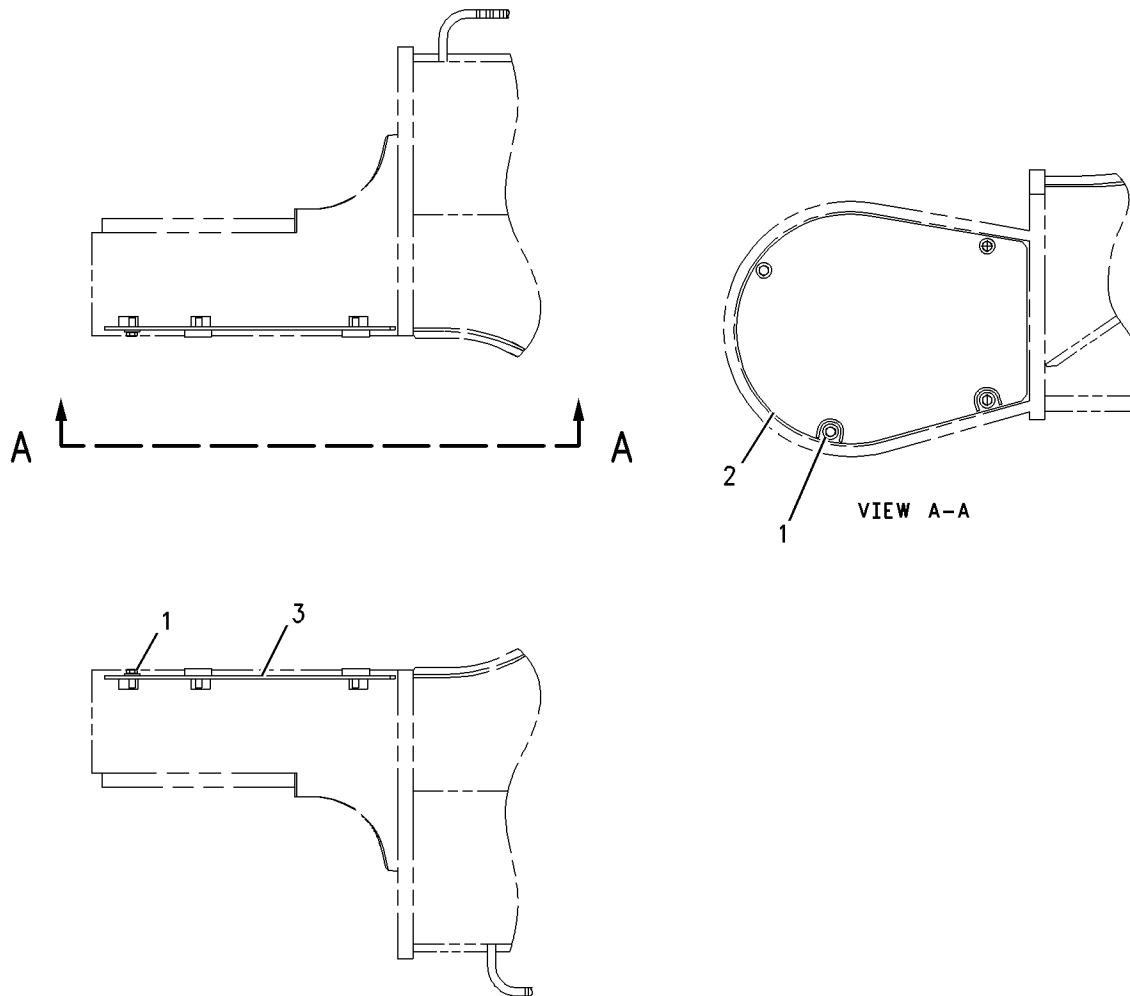
S/N: A6F1-UP; A8F1-UP
AN ATTACHMENT

SMCS-7163

i01404298

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
M	1	1	135-8576	8	BOLT AS-LOCKING (M12X1.75X30-MM)	
					(EACH INCLUDES)	
		1	5P-1076	1	WASHER-HARD (13.5X30X4-MM THK)	
M		1	8C-8992	1	BOLT-LOCKING (M12X1.75X30-MM)	
	2	1	166-1479	1	COVER AS	
	3	1	166-1512	1	COVER AS	

M-METRIC PART



GRAPHIC #1

<END>

g00691665

UNDERCARRIAGE

239-4341 IDLER GP - FRONT

S/N: A6F1-UP; A8F1-UP

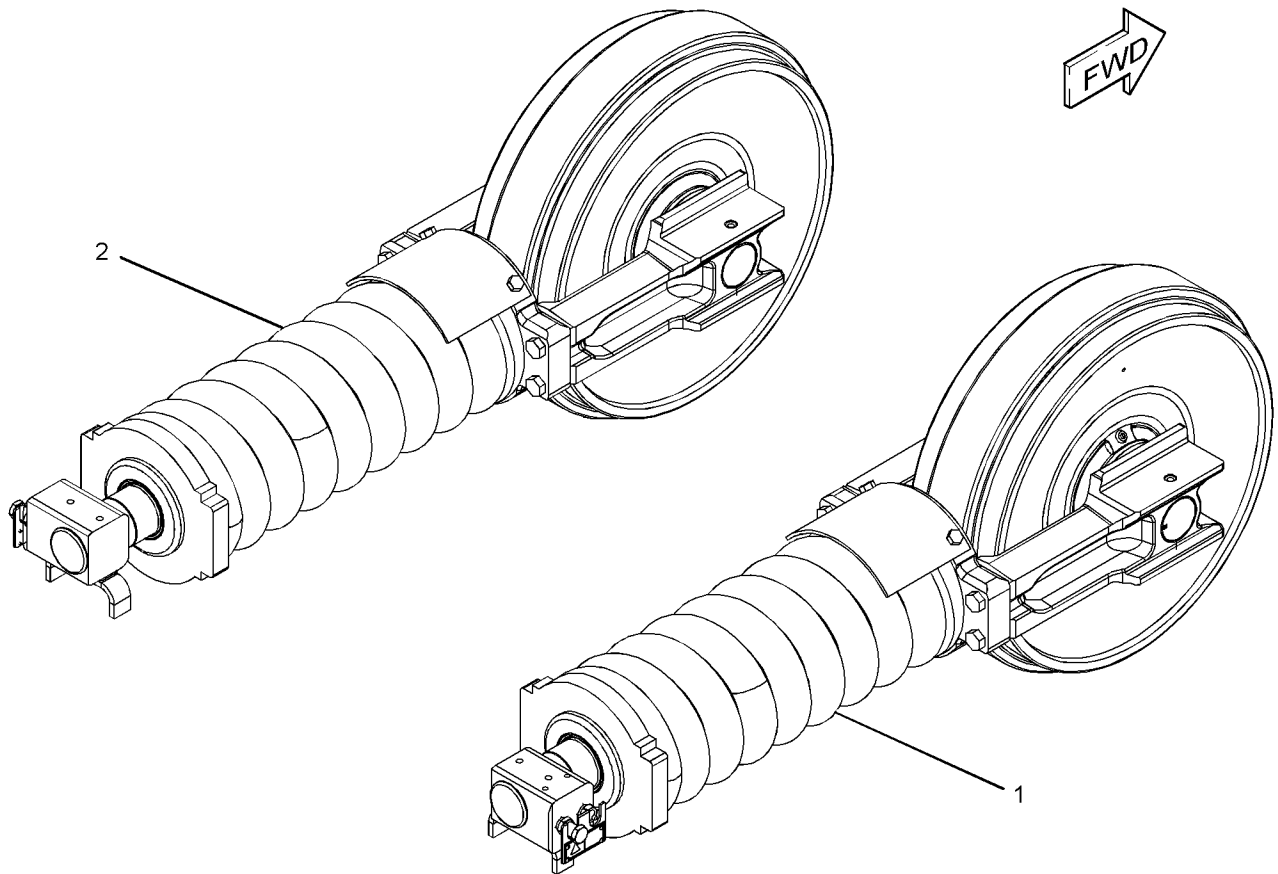
PART OF 240-3822, 247-7454 FRAME AR-UNDERCARRIAGE

SMCS-4159

i02768671

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	239-4385	1	IDLER GP-FRONT (RH)	258
Y	2	1	239-4386	1	IDLER GP-FRONT (LH)	259

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01217090

UNDERCARRIAGE

239-4385 IDLER GP - FRONT-RH

S/N: A6F1-UP; A8F1-UP

PART OF 239-4341 IDLER GP-FRONT

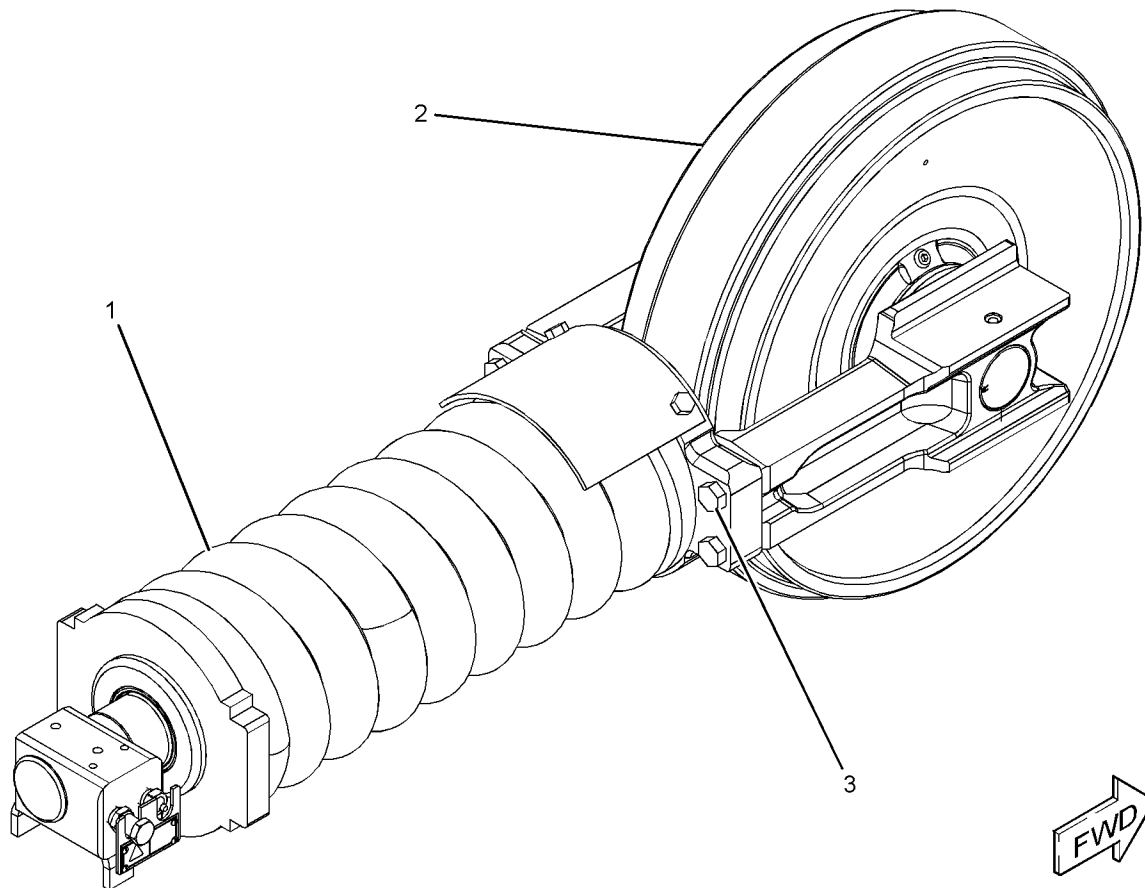
SMCS-4159

i02769052

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	239-4387	1	TRACK ADJUSTER & RECOIL GP (RH)	267
Y	2	1	248-7143	1	IDLER GP-FRONT	260
M	3	1	8T-4140	4	BOLT (M16X2X60-MM)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01217100

UNDERCARRIAGE

239-4386 IDLER GP - FRONT-LH

S/N: A6F1-UP; A8F1-UP

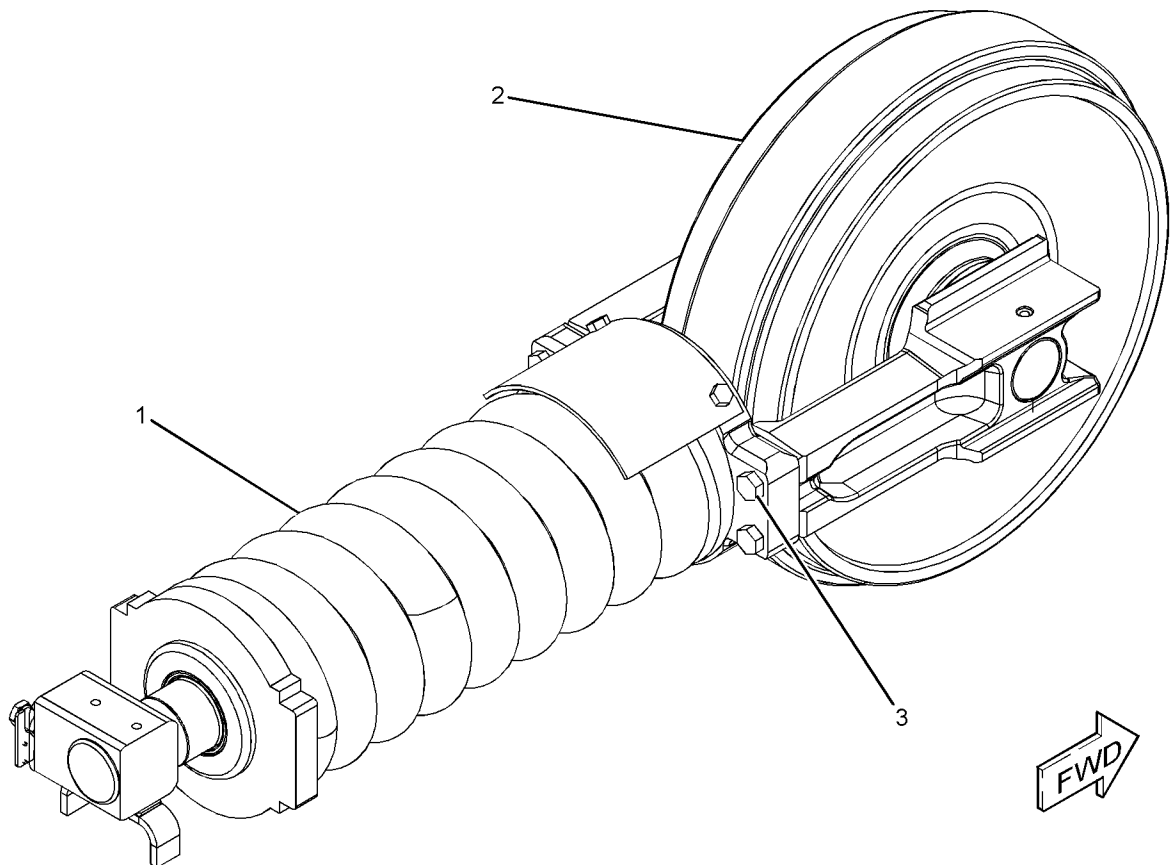
PART OF 239-4341 IDLER GP-FRONT

SMCS-4159

i02769516

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	239-4388	1	TRACK ADJUSTER & RECOIL GP	268
Y	2	1	248-7143	1	IDLER GP-FRONT	260
M	3	1	8T-4140	4	BOLT (M16X2X60-MM)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01217105

UNDERCARRIAGE

248-7143 IDLER GP - FRONT

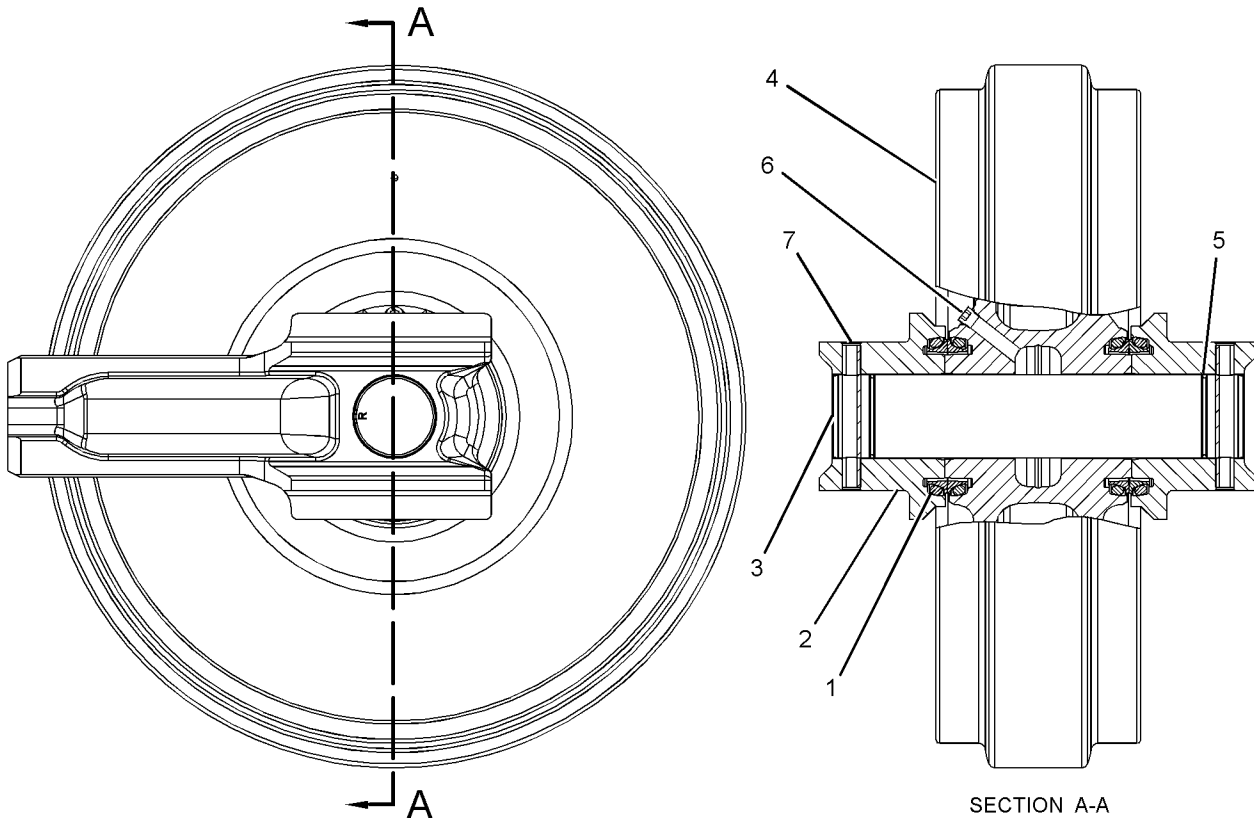
S/N: A6F1-UP; A8F1-UP

PART OF 239-4385, 239-4386 IDLER GP-FRONT

SMCS-4159

i02402541

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9W-2201	2	SEAL GP-DUO-CONE						
					(EACH INCLUDES)						
		1	096-4255	2	RING						
	2	1	239-4362	2	BEARING (FRONT IDLER)						
	3	1	246-5425	1	SHAFT						
	4	1	262-4781	1	IDLER & BEARING AS						
		1	8E-4359	2	BEARING						
	5	1	6V-7658	2	SEAL-O-RING						
	6	1	7H-3171	1	PLUG-PIPE						
	7	1	9W-9455	2	PIN						



GRAPHIC #1

<END>

g01206925

UNDERCARRIAGE

194 - 1608 LINK AS - TRACK

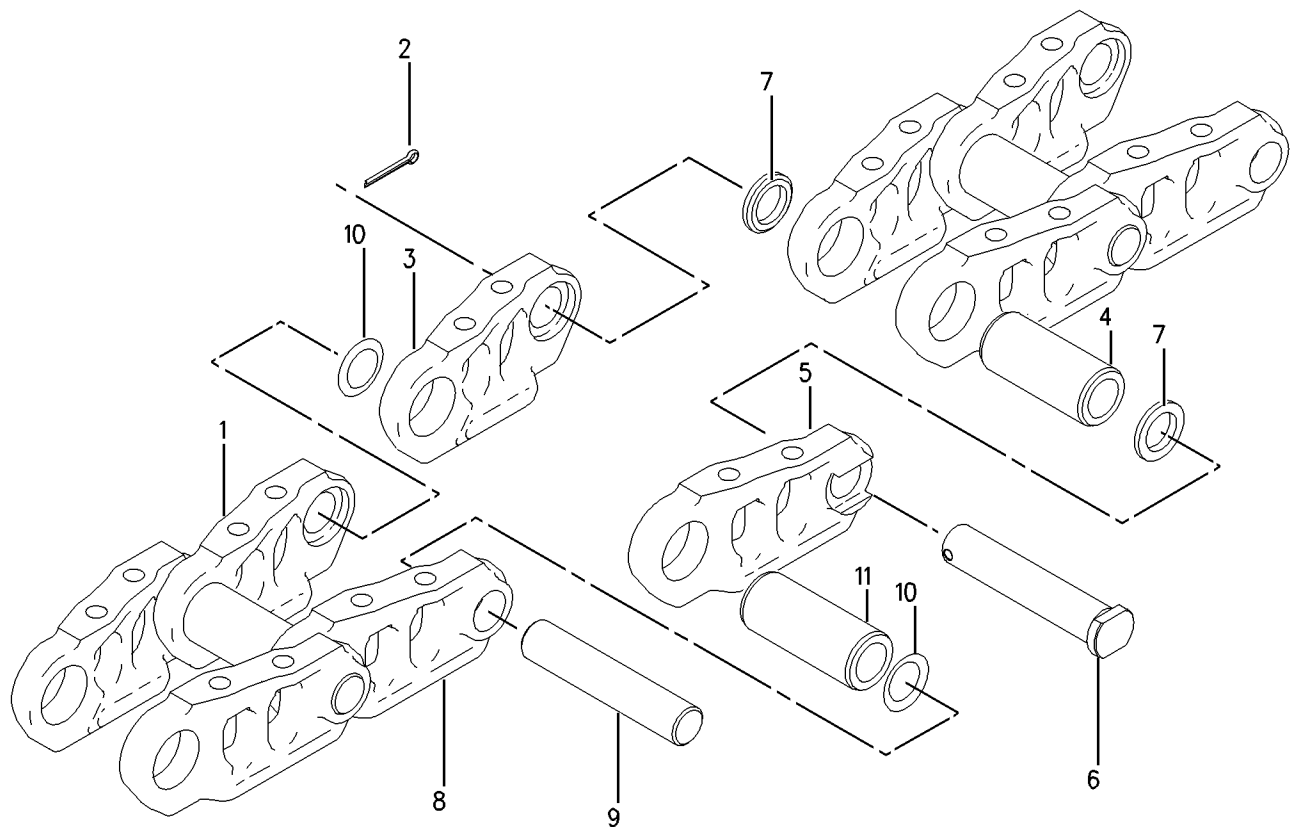
S/N: A8F1-UP

PART OF 194-1910, 194-1911, 194-1912, 194-1914, 194-1915 TRACK GP
AN ATTACHMENT

SMCS-4169, 4171

i01399428

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9W-3138	48	LINK-TRACK-LH						
	2	1	095-0863	1	COTTER						
	3	1	8E-8586	1	LINK-MASTER-LH						
	4	1	190-3524	1	BUSHING-MASTER						
	5	1	8E-8585	1	LINK-MASTER-RH						
	6	1	188-3064	1	PIN-TRACK MASTER						
	7	1	158-4381	2	SEAL-TRACK MASTER						
	8	1	9W-3137	48	LINK-TRACK-RH						
	9	1	6Y-8186	48	PIN-TRACK						
	10	1	158-4380	96	SEAL-TRACK						
	11	1	190-3523	48	BUSHING-TRACK						



GRAPHIC #1

<END>

g00739993

UNDERCARRIAGE

194 - 1609 LINK AS - TRACK

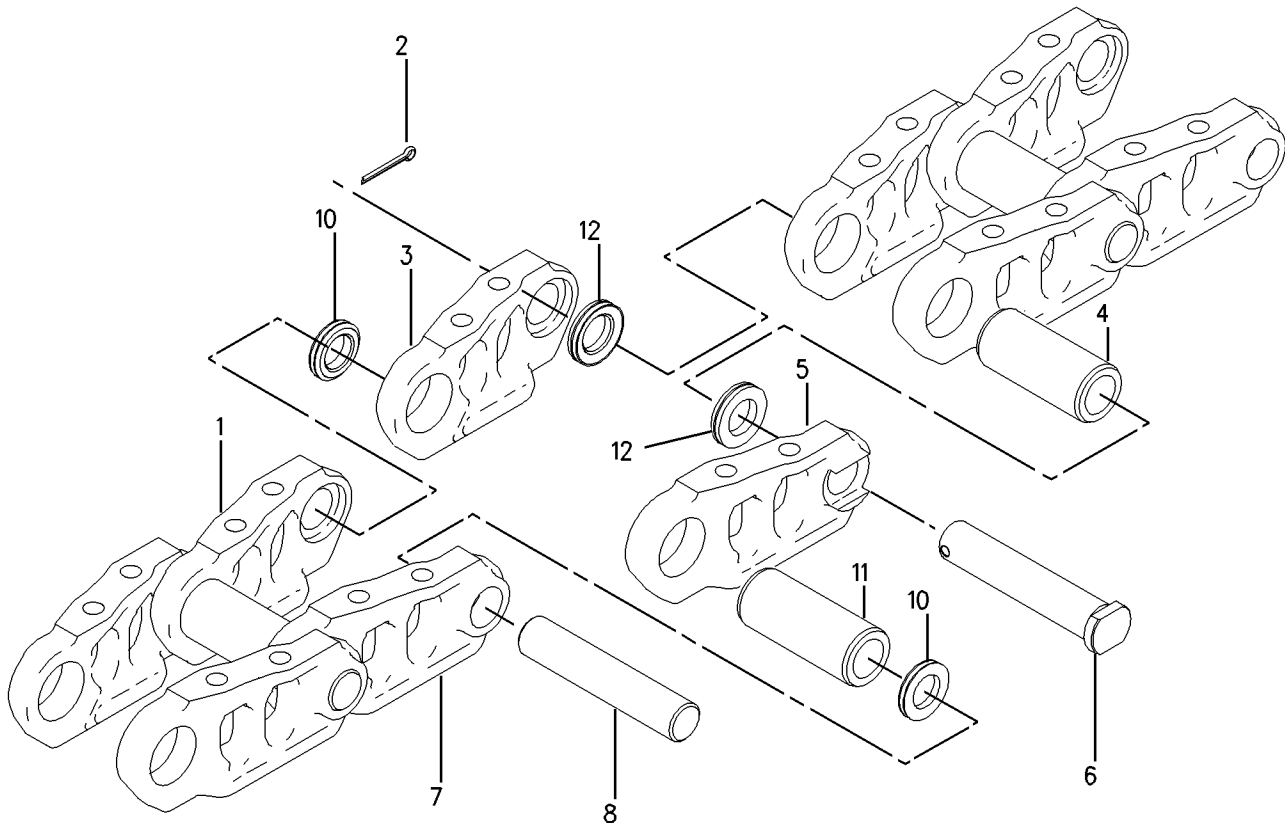
S/N: A6F1-UP

PART OF 194-1917, 194-1920, 194-1921 TRACK GP
AN ATTACHMENT

SMCS-4169, 4171

i01389283

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9W-3138	44	LINK-TRACK-LH						
	2	1	095-0863	1	COTTER						
	3	1	8E-8586	1	LINK-MASTER-LH						
		1	9W-3138	1	LINK-TRACK-LH						
	4	1	190-3524	1	BUSHING-MASTER						
	5	1	8E-8585	1	LINK-MASTER-RH						
		1	9W-3137	1	LINK-TRACK-RH						
	6	1	188-3064	1	PIN-TRACK MASTER						
	7	1	9W-3137	44	LINK-TRACK-RH						
	8	1	6Y-8186	44	PIN-TRACK						
	10	1	158-4380	88	SEAL-TRACK						
	11	1	190-3523	44	BUSHING-TRACK						
	12	1	158-4381	2	SEAL-TRACK MASTER						



GRAPHIC #1

<END>

g00668766

UNDERCARRIAGE

7Y-1607 ROLLER AR-TRACK & CARRIER

S/N: A6F1-UP

PART OF 247-7454 FRAME AR-UNDERCARRIAGE

SMCS-4154, 4180

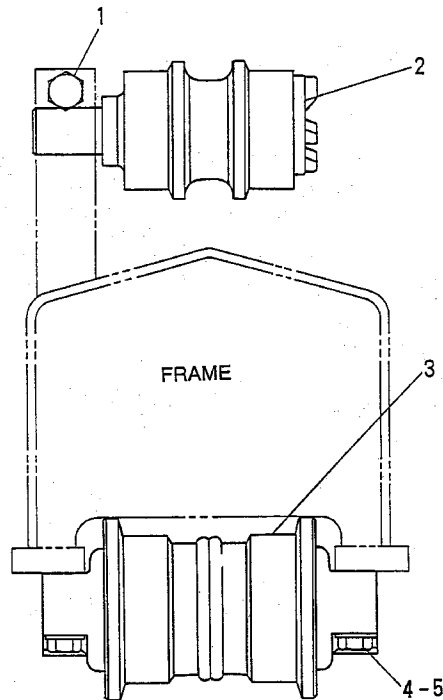
i01334542

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	8T-5878	4	BOLT (M24X3X80-MM)						
Y	2	1	8E-5600	4	ROLLER GP-TRACK CARRIER						265
YR	3	1	163-4143	14	ROLLER GP-TRACK-SINGLE FLANGE						266
M	4	1	7X-2565	56	BOLT (M20X2.5X100-MM)						
	5	1	8T-4123	56	WASHER (22X35X3.5-MM THK)						

M-METRIC PART

R-REMFG PART MAY BE AVAILABLE

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00225056

UNDERCARRIAGE

7Y-1608 ROLLER AR-TRACK & CARRIER

S/N: A8F1-UP

PART OF 240-3822 FRAME AR-UNDERCARRIAGE

SMCS-4154, 4180

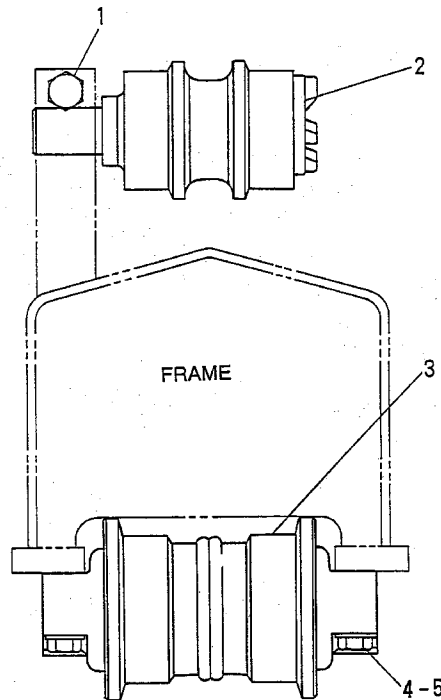
i01040121

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
M	1	1	8T-5878	4	BOLT (M24X3X80-MM)	
Y	2	1	8E-5600	4	ROLLER GP-TRACK CARRIER	265
YR	3	1	163-4143	16	ROLLER GP-TRACK-SINGLE FLANGE	266
M	4	1	7X-2565	64	BOLT (M20X2.5X100-MM)	
	5	1	8T-4123	64	WASHER (22X35X3.5-MM THK)	

M-METRIC PART

R-REMFG PART MAY BE AVAILABLE

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00225056

UNDERCARRIAGE

8E-5600 ROLLER GP-TRACK CARRIER

S/N: A6F1-UP; A8F1-UP

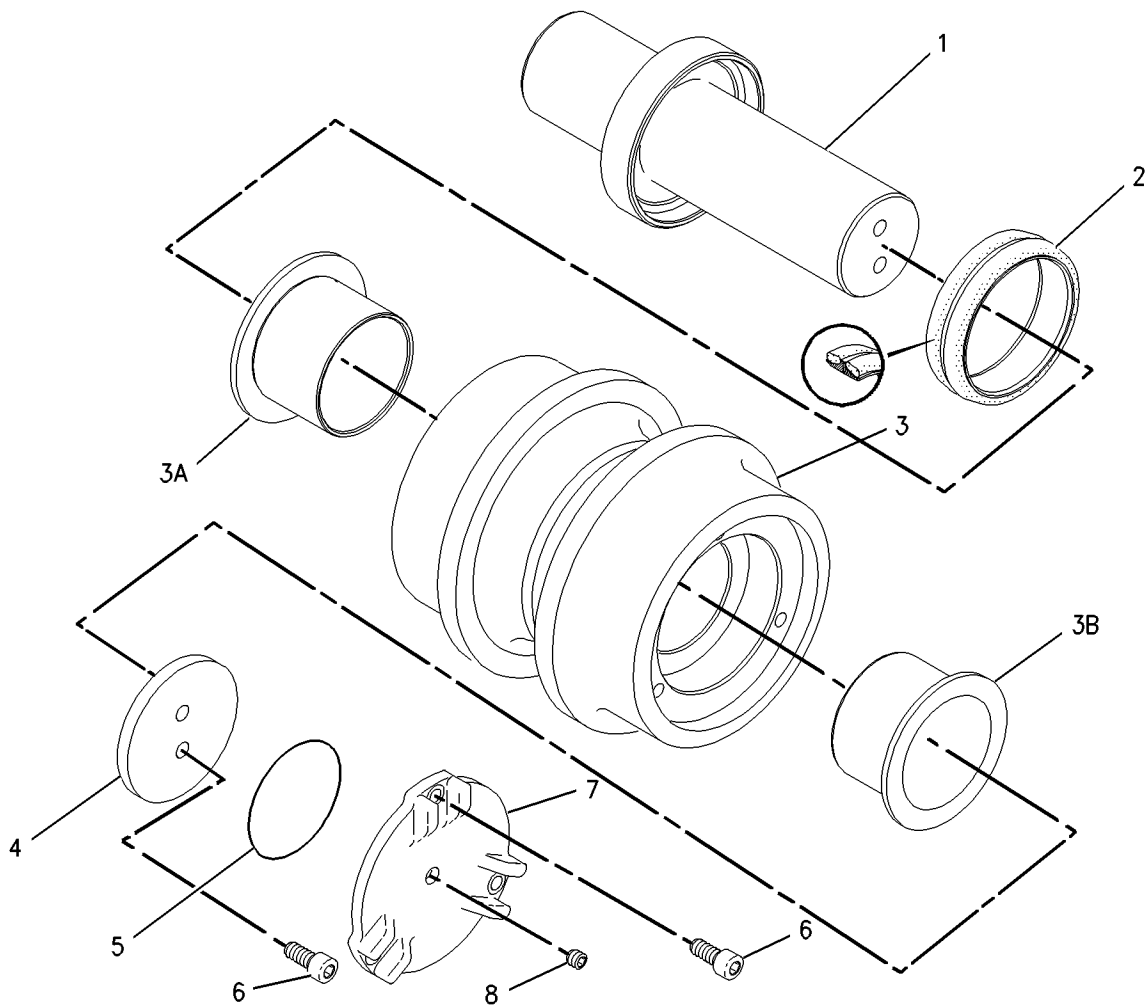
PART OF 7Y-1607, 7Y-1608 ROLLER AR-TRACK & CARRIER

SMCS-4154

i02752189

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8E-5601	1	SHAFT AS-TRACK ROLLER						
		1	8E-5604	1	COLLAR-ROLLER END						
		1	8E-5607	1	SHAFT-TRACK ROLLER						
	2	1	8E-5608	1	SEAL GP-DUO-CONE						
	3	1	8E-5602	1	ROLLER & BEARING AS						
	3A	1	8E-6792	1	BEARING-TRACK ROLLER						
	3B	1	8E-6793	1	BEARING-TRACK ROLLER						
	4	1	8E-5606	1	RETAINER						
	5	1	6V-7661	1	SEAL-O-RING						
M	6	1	8T-1159	5	BOLT-SOCKET HEAD (M10X1.5X25-MM)						
	7	1	8E-5605	1	COVER-CARRIER ROLLER						
	8	1	7H-3171	1	PLUG-PIPE						

M-METRIC PART



GRAPHIC #1

<END>

g00715793

UNDERCARRIAGE

163-4143 ROLLER GP - TRACK-SINGLE FLANGE

S/N: A6F1-UP; A8F1-UP

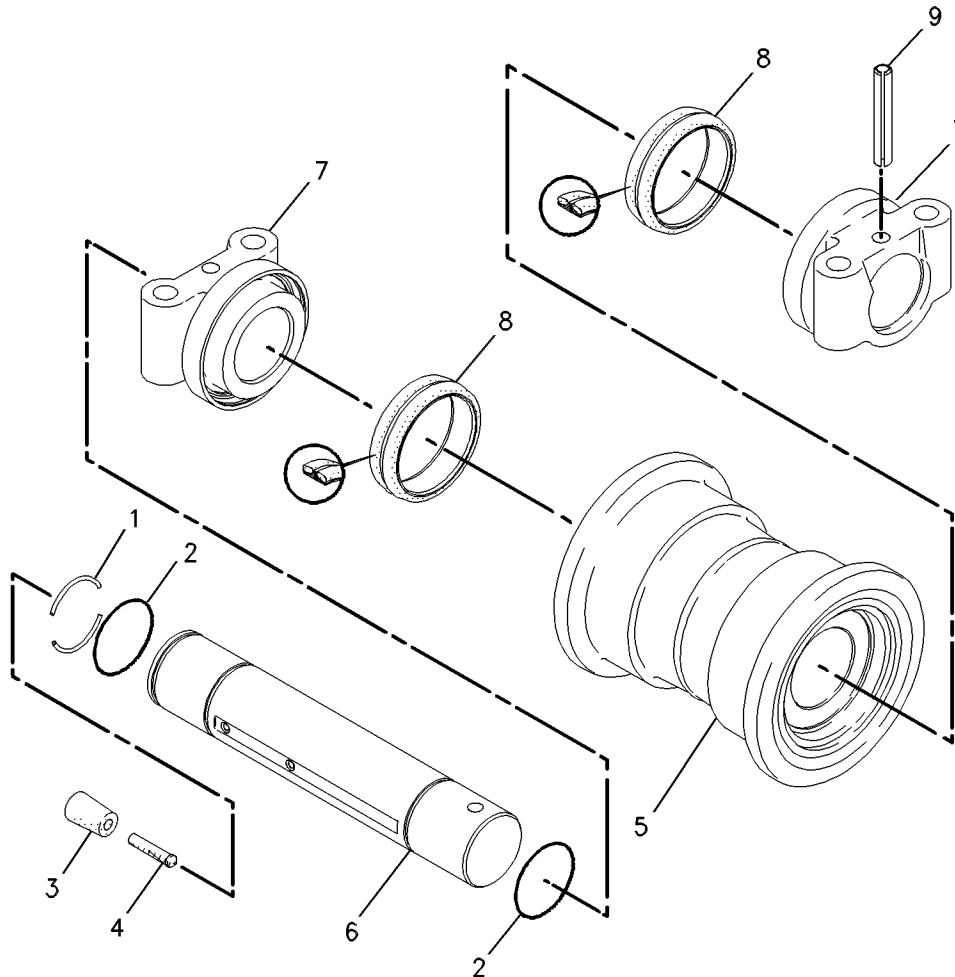
PART OF 7Y-1607, 7Y-1608 ROLLER AR-TRACK & CARRIER

SMCS-4180

i01040115

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8E-5031	2	RING-RETAINING						
	2	1	7F-8268	2	SEAL-O-RING (53.57MM ID)						
	3	1	5G-2247	1	STOPPER-RUBBER						
	4	1	6Y-0473	1	PLUG						
	5	1	8E-5032	1	ROLLER & BEARING AS						
		1	8E-5599	2	BEARING-TRACK ROLLER						
	6	1	8E-5035	1	SHAFT-TRACK ROLLER						
	7	1	8E-5037	2	COLLAR-TRACK ROLLER						
R	8	1	9W-7220	2	SEAL GP-DUO-CONE						
	9	1	3E-3217	1	DOWEL						

R-REMFG PART MAY BE AVAILABLE



GRAPHIC #1

<END>

g00534097

UNDERCARRIAGE

239-4387 TRACK ADJUSTER & RECOIL GP-RH

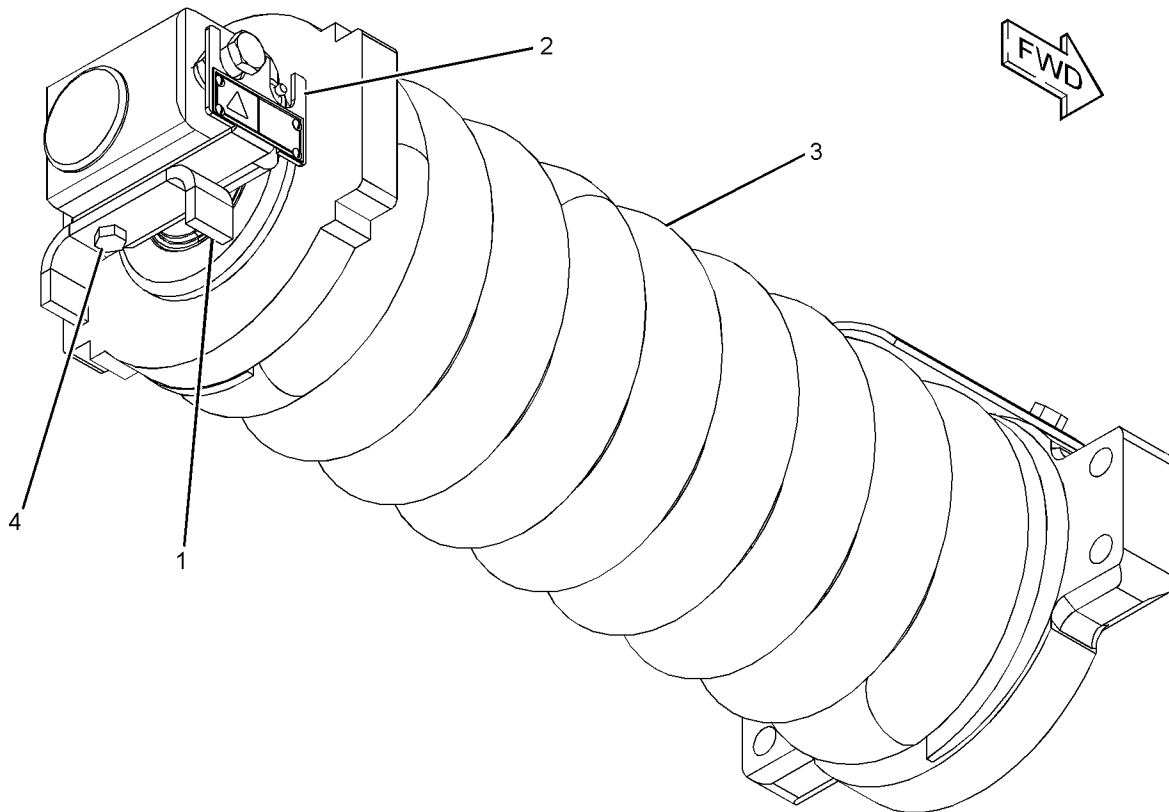
S/N: A6F1-UP; A8F1-UP
PART OF 239-4385 IDLER GP-FRONT

SMCS-4157, 4158

i02769449

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7Y-1746	1	PLATE						
	2	1	168-6761	1	PLATE AS						
		1	4B-4158	4	SCREW-DRIVE (3/16X0.25-IN)						
		1	253-1346	1	PLATE-WARNING (HIGH PRESSURE CYLINDER)						
Y	3	1	239-4389	1	TRACK ADJUSTER & RECOIL GP						269
M	4	1	8T-4137	2	BOLT (M10X1.5X20-MM)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01217204

UNDERCARRIAGE

239-4388 TRACK ADJUSTER & RECOIL GP-LH

S/N: A6F1-UP; A8F1-UP
PART OF 239-4386 IDLER GP-FRONT

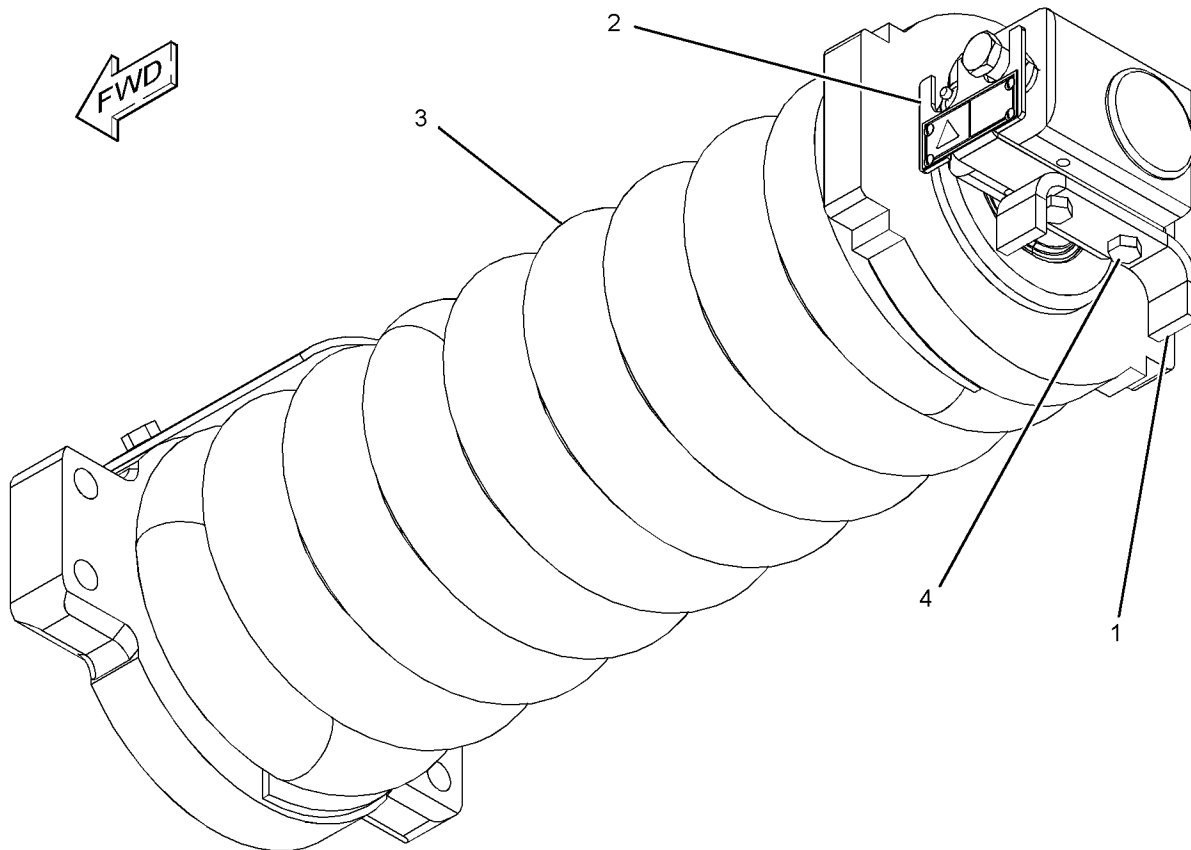
SMCS-4157, 4158

i02769561

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7Y-1746	1	PLATE						
	2	1	168-6761	1	PLATE AS						
		1	4B-4158	4	SCREW-DRIVE (3/16X0.25-IN)						
		1	253-1346	1	PLATE-WARNING (HIGH PRESSURE CYLINDER)						
Y	3	1	239-4389	1	TRACK ADJUSTER & RECOIL GP						269
M	4	1	8T-4137	2	BOLT (M10X1.5X20-MM)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01217224

UNDERCARRIAGE

239-4389 TRACK ADJUSTER & RECOIL GP

S/N: A6F1-UP; A8F1-UP

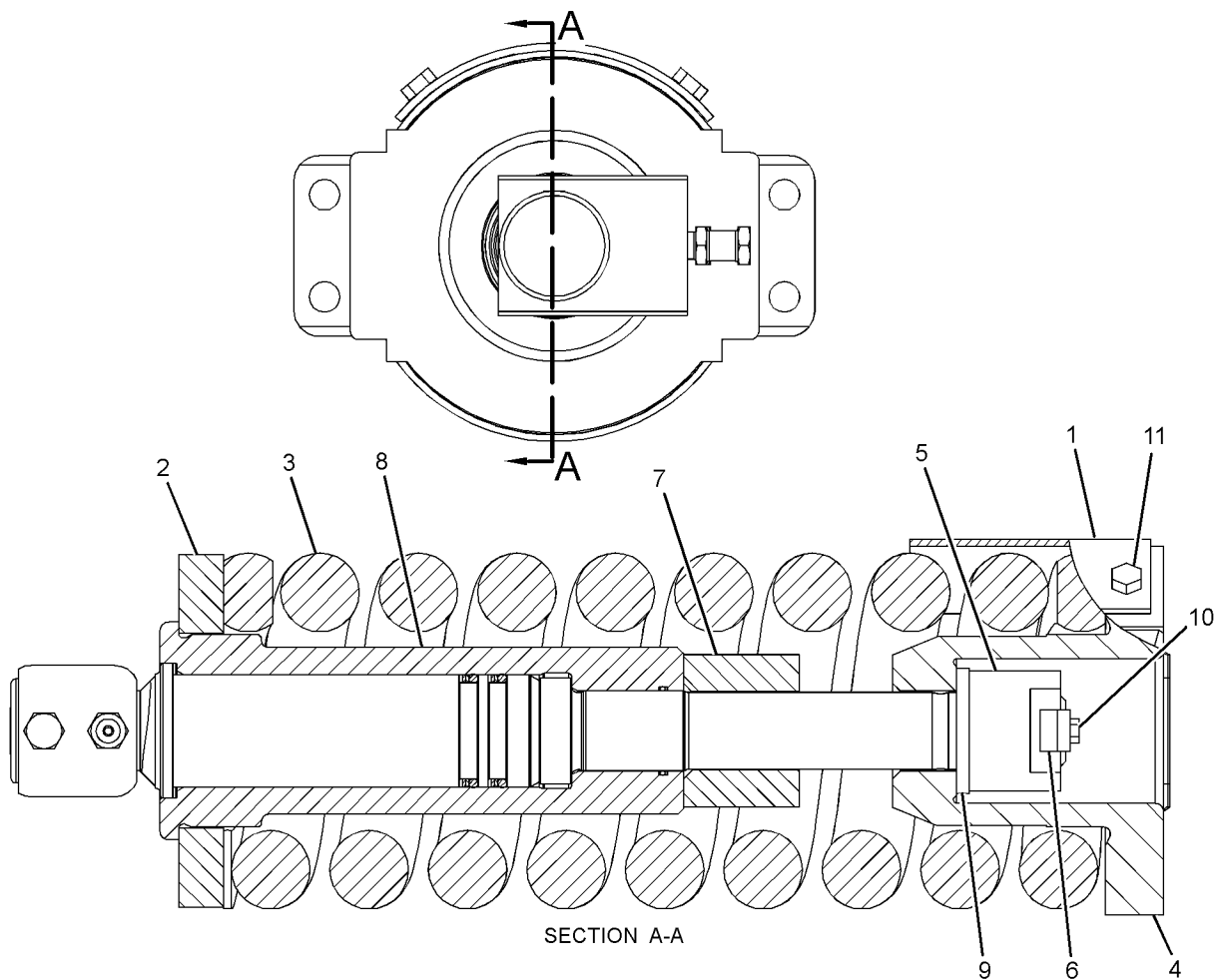
PART OF 239-4387, 239-4388 TRACK ADJUSTER & RECOIL GP

SMCS-4157, 4158

i02769716

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7Y-1781	1	COVER						
	2	1	145-3035	1	PLATE						
	3	1	239-4350	1	SPRING						
	4	1	239-4378	1	SUPPORT						
	5	1	239-4382	1	NUT (M48X5-THD)						
	6	1	239-4383	1	STRIP						
	7	1	239-4384	1	SPACER (49X95X72-MM THK)						
Y	8	1	239-4390	1	TRACK ADJUSTER & RECOIL GP						270
	9	1	239-4393	1	WASHER (50X78X8-MM THK)						
M	10	1	7X-2536	2	BOLT (M8X1.25X14-MM)						
M	11	1	8T-4179	2	BOLT (M12X1.75X20-MM)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01217233

UNDERCARRIAGE

239-4390 TRACK ADJUSTER & RECOIL GP

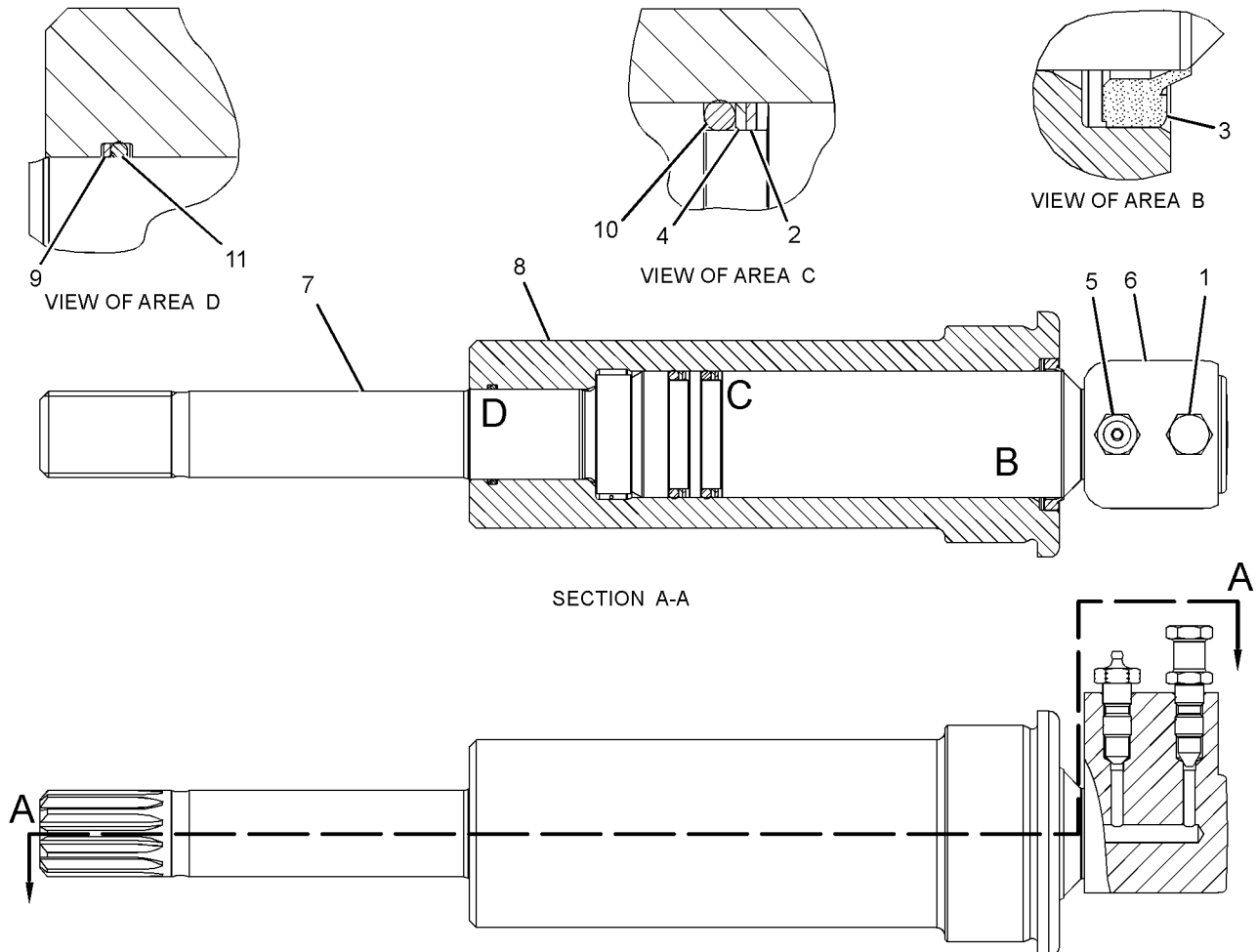
S/N: A6F1-UP; A8F1-UP

PART OF 239-4389 TRACK ADJUSTER & RECOIL GP

SMCS-4157, 4158

i02770145

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2S-5926	1	VALVE-RELIEF						
	2	1	7Y-0682	2	RING						
	3	1	093-1436	1	SEAL-LIP TYPE						
	4	1	093-1512	2	RING						
	5	1	095-2927	1	VALVE-FILL						
	6	1	145-3031	1	PISTON AS						
	7	1	239-4391	1	ROD						
	8	1	239-4392	1	CYLINDER						
	9	1	239-4394	1	RING-BACKUP						
	10	1	248-7174	2	SEAL-O-RING						
	11	1	095-1704	1	SEAL-O-RING						



GRAPHIC #1

<END>

g01217269

UNDERCARRIAGE

247-7346 TRACK AR-2-REQUIRED

S/N: A8F1-UP

800-MM (31.5-IN) TRIPLE GROUSER SHOE. WITH STEPS
AN ATTACHMENT

SMCS-4170

i02791206

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	235-7764	1	STEP GP						244
Y	194-1912	1	TRACK GP						274
Y-SEPARATE ILLUSTRATION									
<END>									

247-7382 TRACK AR-2-REQUIRED

S/N: A6F1-UP

AN ATTACHMENT

SMCS-4170

i02791214

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	235-7764	1	STEP GP						244
Y	194-1921	1	TRACK GP						279
Y-SEPARATE ILLUSTRATION									
<END>									

UNDERCARRIAGE

194-1910 TRACK GP-2-REQUIRED

S/N: A8F1-UP

600-MM (23.6-IN) TRIPLE GROUSER SHOE. GREASE LUBRICATED TRACK
AN ATTACHMENT

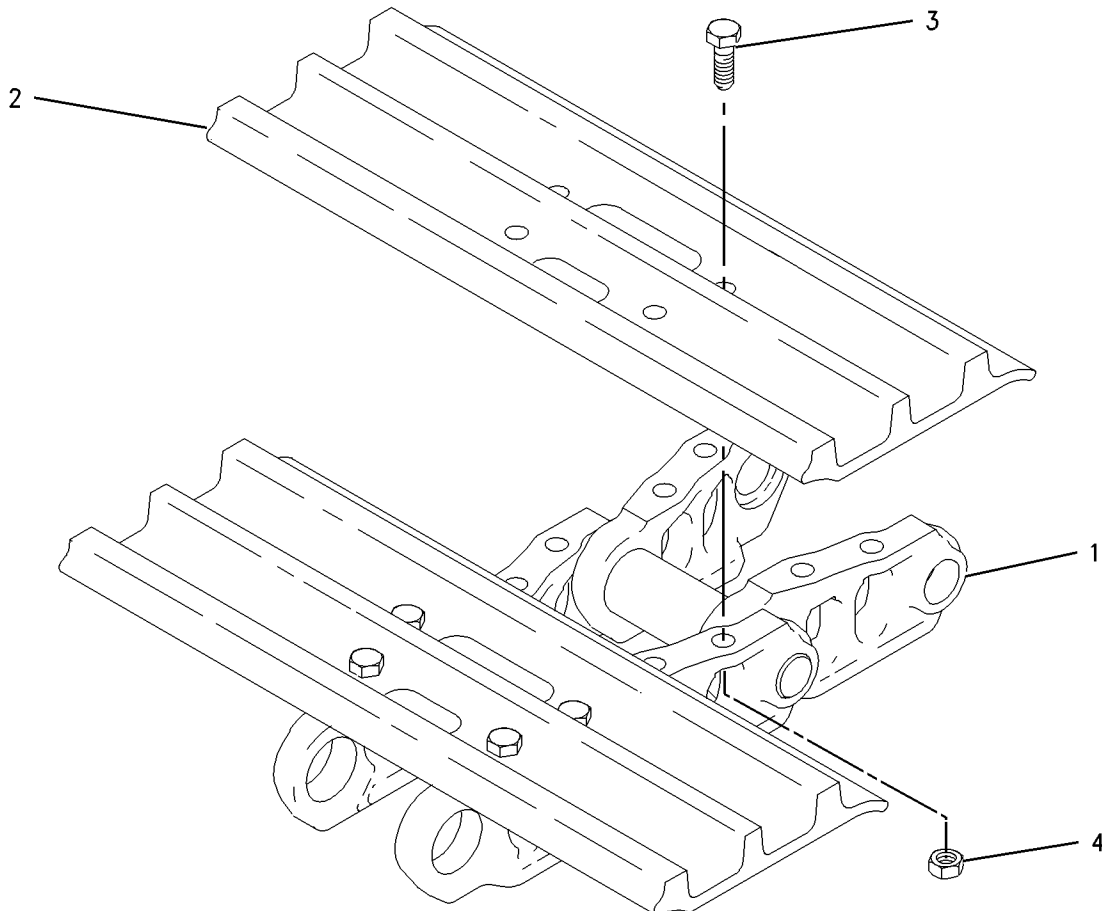
SMCS-4170

i01412775

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	194-1608	1	LINK AS-TRACK	261
	2	1	126-5062	49	SHOE-TRACK	
M	3	1	9W-3619	196	BOLT-TRACK (M20X1.5X55MM)	
M	4	1	9W-3361	196	NUT-TRACK (M20X1.5 THD)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00731630

UNDERCARRIAGE

194 - 1911 TRACK GP

S/N: A8F1-UP

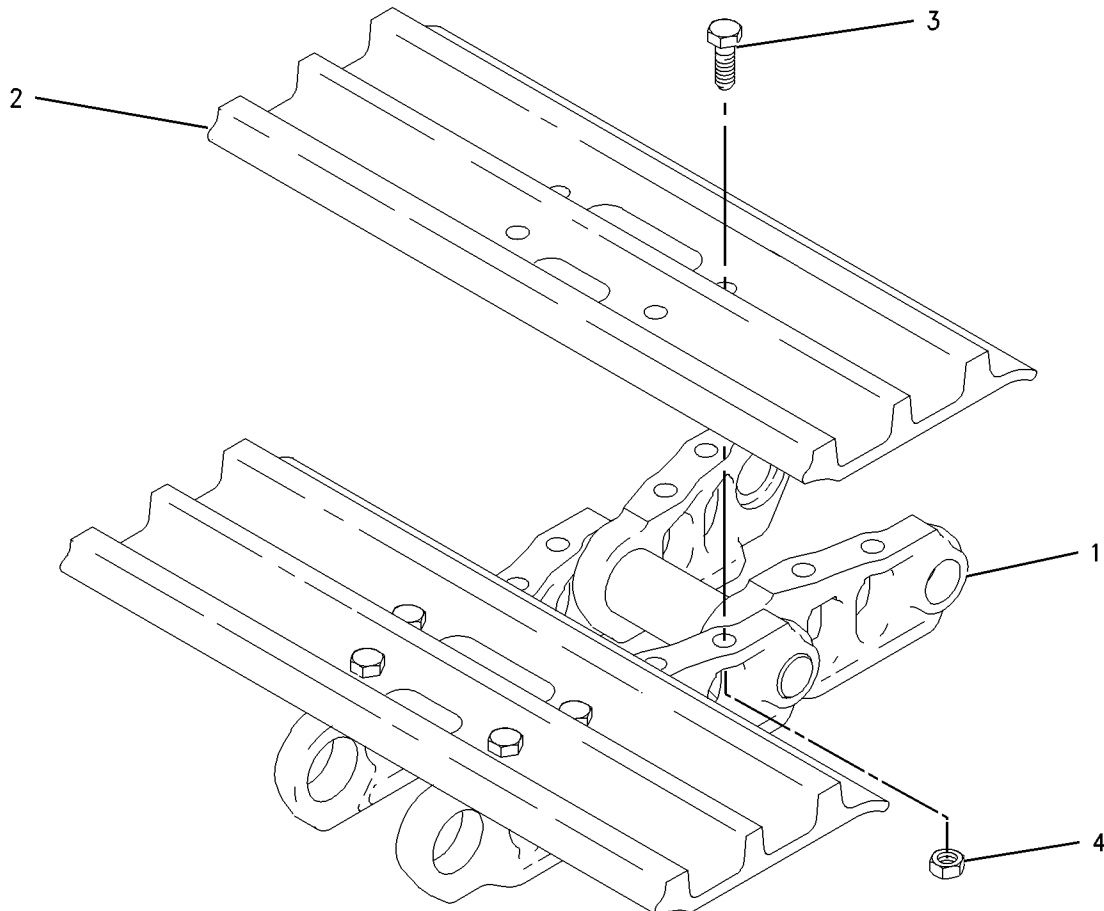
700MM (27IN) . TRIPLE GROUSER SHOE, GREASED LUBRICATED TRACK
AN ATTACHMENT

SMCS-4170

i01412859

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	194-1608	1	LINK AS - TRACK	261
	2	1	6I-9454	49	SHOE - TRACK	
M	3	1	9W-3619	196	BOLT - TRACK (M20X1.5X55-MM)	
M	4	1	9W-3361	196	NUT - TRACK (M20X1.5-THD)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00731630

UNDERCARRIAGE

194-1912 TRACK GP-2-REQUIRED

S/N: A8F1-UP

800-MM (31.5-IN) TRIPLE GROUSER SHOE. GREASE LUBRICATED TRACK

PART OF 247-7346 TRACK AR

AN ATTACHMENT

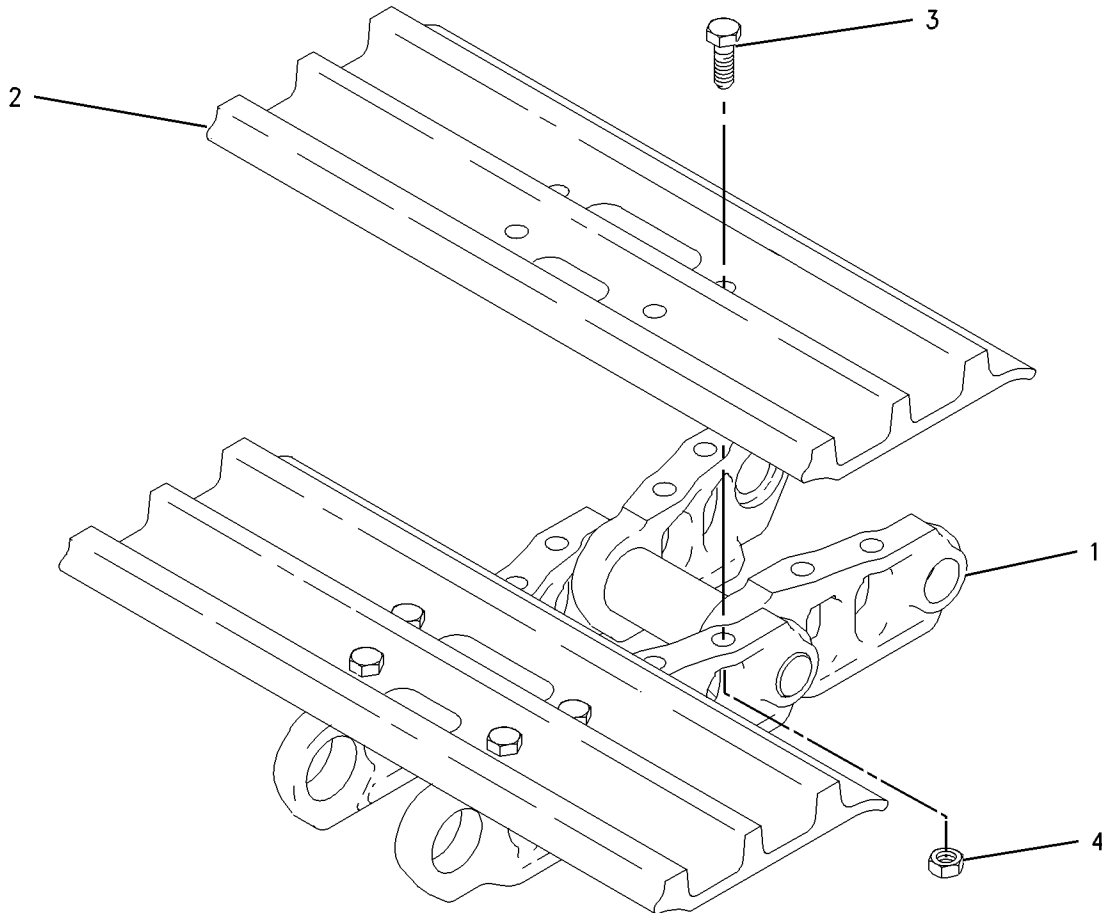
SMCS-4170

i01403394

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	194-1608	1	LINK AS-TRACK	261
	2	1	9W-9351	49	SHOE-TRACK	
M	3	1	9W-3619	196	BOLT-TRACK (M20X1.5X55MM)	
M	4	1	9W-3361	196	NUT-TRACK (M20X1.5 THD)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00731630

UNDERCARRIAGE

194 - 1914 TRACK GP

S/N: A8F1-UP

600MM (23IN) DOUBLE GROUSER SHOE. GREASED LUBRICATED TRACK
AN ATTACHMENT

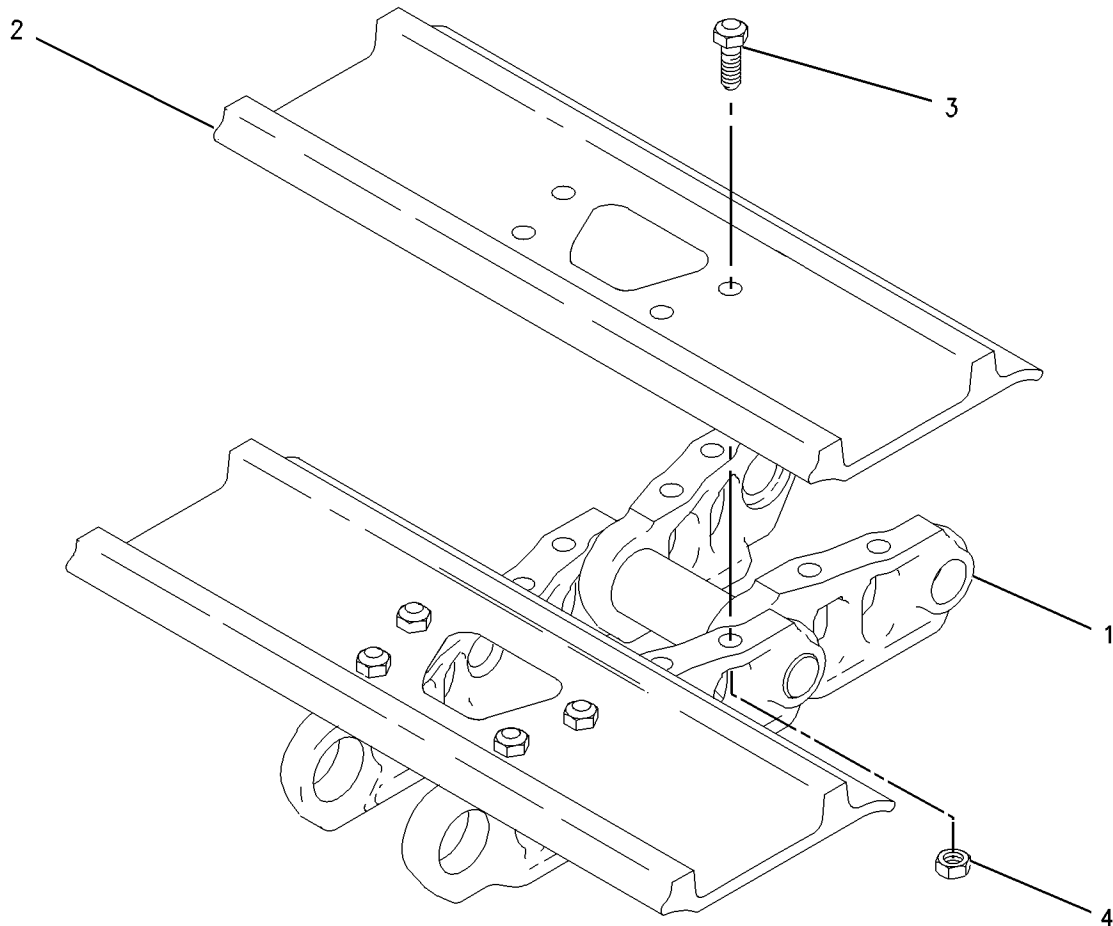
SMCS-4170

i01896037

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	194-1608	1	LINK AS - TRACK	261
	2	1	106-0615	49	SHOE - TRACK	
M	3	1	6Y-0846	196	BOLT - TRACK (M20X1.75X63MM)	
M	4	1	9W-3361	196	NUT - TRACK (M20X1.5 THD)	

M - METRIC PART

Y - SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00941391

UNDERCARRIAGE

194 - 1915 TRACK GP

S/N: A8F1-UP

700-MM (27.6-IN) . DOUBLE GROUSER SHOE, GREASE LUBRICATED TRACK
AN ATTACHMENT

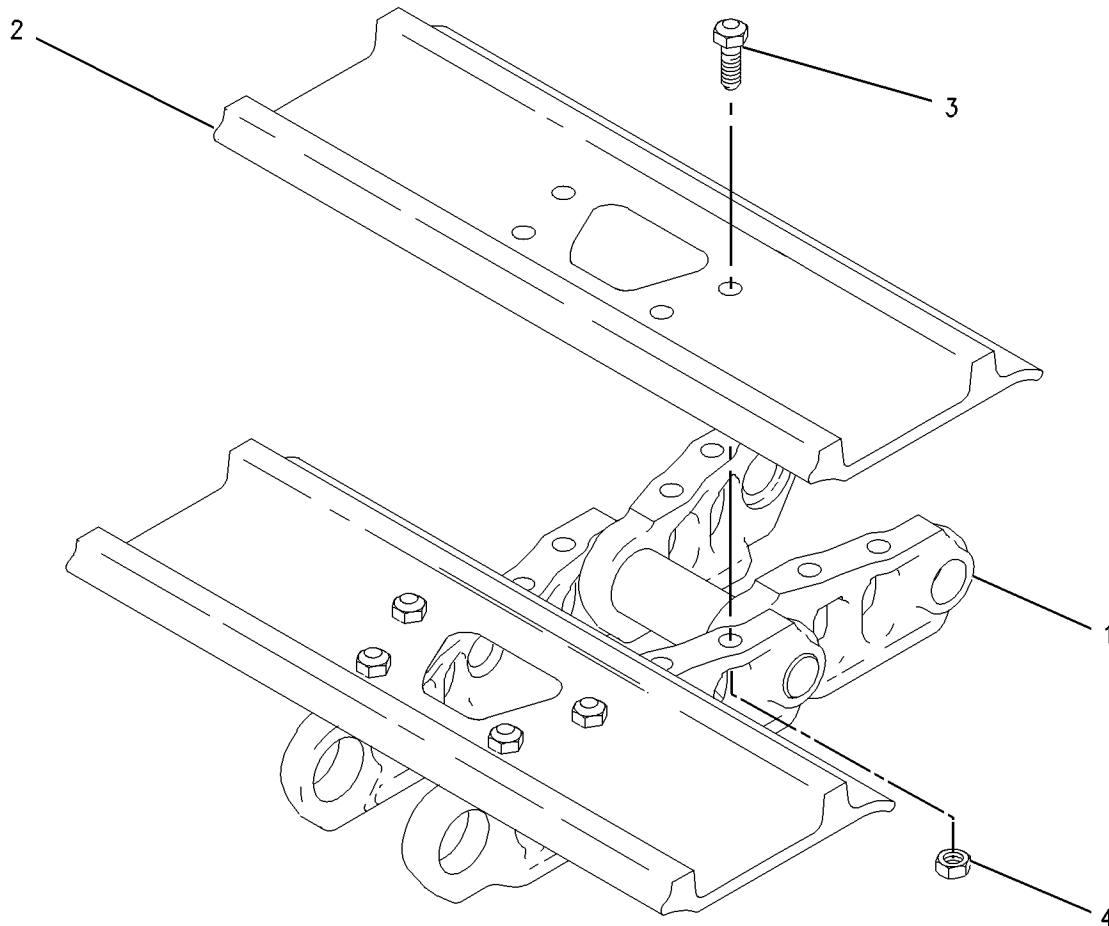
SMCS-4170

i02794454

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	194-1608	1	LINK AS - TRACK						261
	2	1	106-0616	49	SHOE - TRACK						
M	3	1	6Y-0846	196	BOLT - TRACK (M20X1.75X63-MM)						
M	4	1	9W-3361	196	NUT - TRACK (M20X1.5-THD)						

M - METRIC PART

Y - SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00946288

UNDERCARRIAGE

194 - 1917 TRACK GP

S/N: A6F1-UP

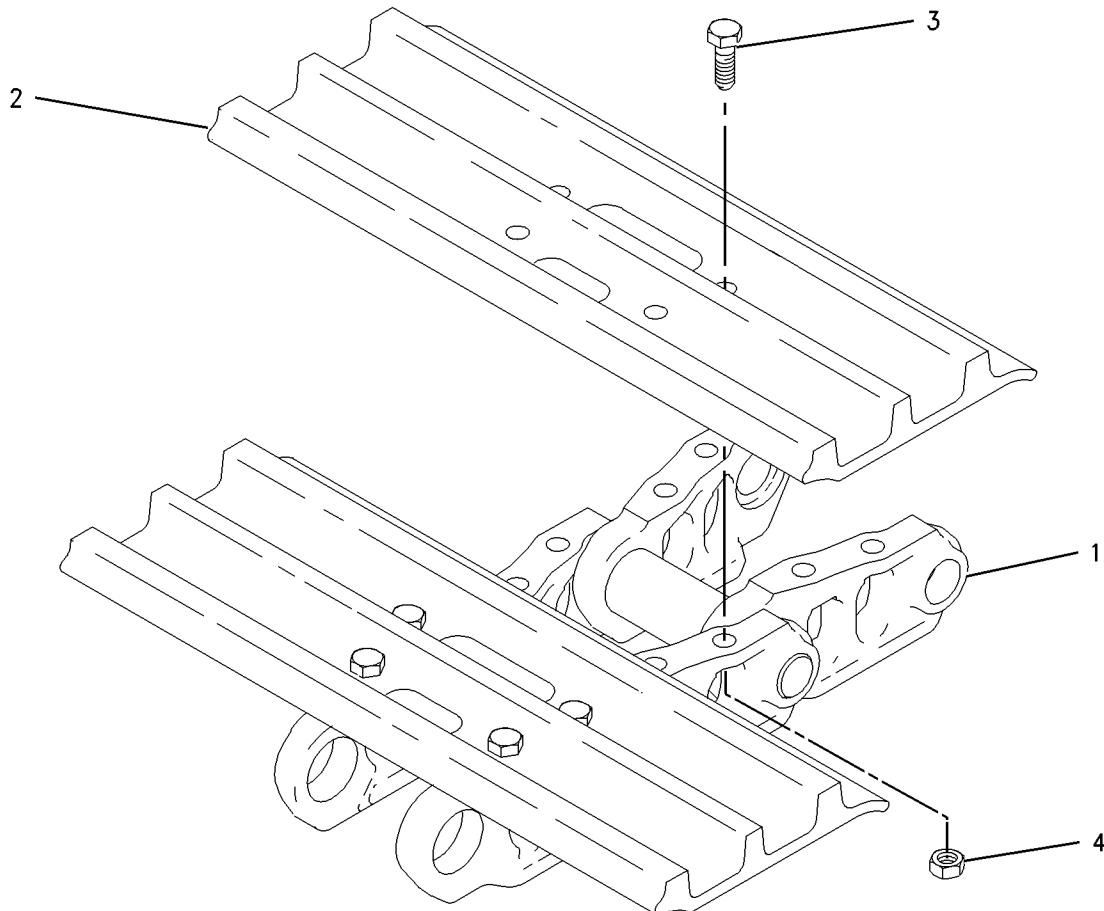
700MM (27IN) TRIPLE GROUSER SHOE . GREASED LUBRICATED TRACK
AN ATTACHMENT

SMCS-4170

i01412822

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	194-1609	1	LINK AS - TRACK	262
	2	1	6I-9454	45	SHOE - TRACK	
M	3	1	9W-3619	180	BOLT - TRACK (M20X1.5X55MM)	
M	4	1	9W-3361	180	NUT - TRACK (M20X1.5 THD)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00731630

UNDERCARRIAGE

194 - 1920 TRACK GP-2-REQUIRED

S/N: A6F1-UP

600-MM (23.6-IN) TRIPLE GROUSER SHOE. GREASE LUBRICATED TRACK
AN ATTACHMENT

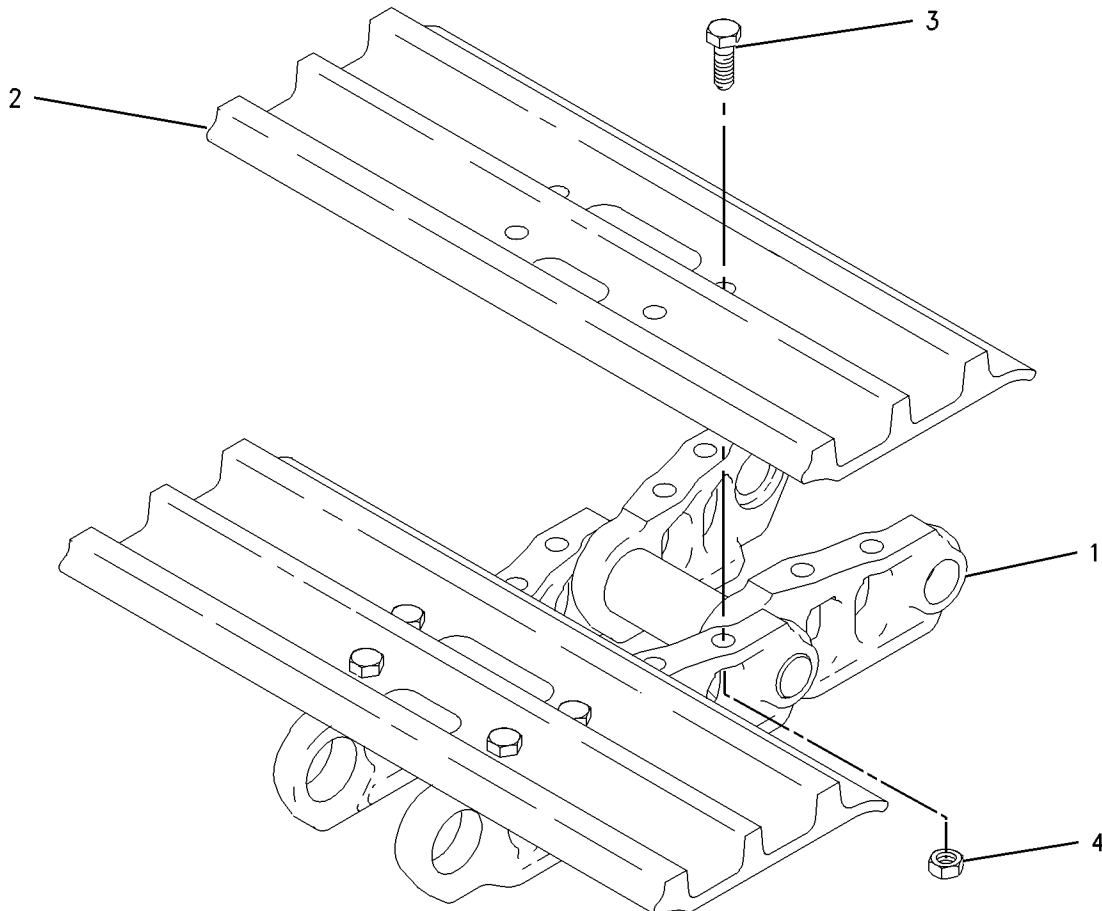
SMCS-4170

i01397313

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	194-1609	1	LINK AS-TRACK	262
	2	1	126-5062	45	SHOE-TRACK	
M	3	1	9W-3619	180	BOLT-TRACK (M20X1.5X55MM)	
M	4	1	9W-3361	180	NUT-TRACK (M20X1.5 THD)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00731630

UNDERCARRIAGE

194-1921 TRACK GP-2-REQUIRED

S/N: A6F1-UP

800-MM (31.5-IN) TRIPLE GROUSER SHOE. GREASE LUBRICATED TRACK

PART OF 247-7382 TRACK AR

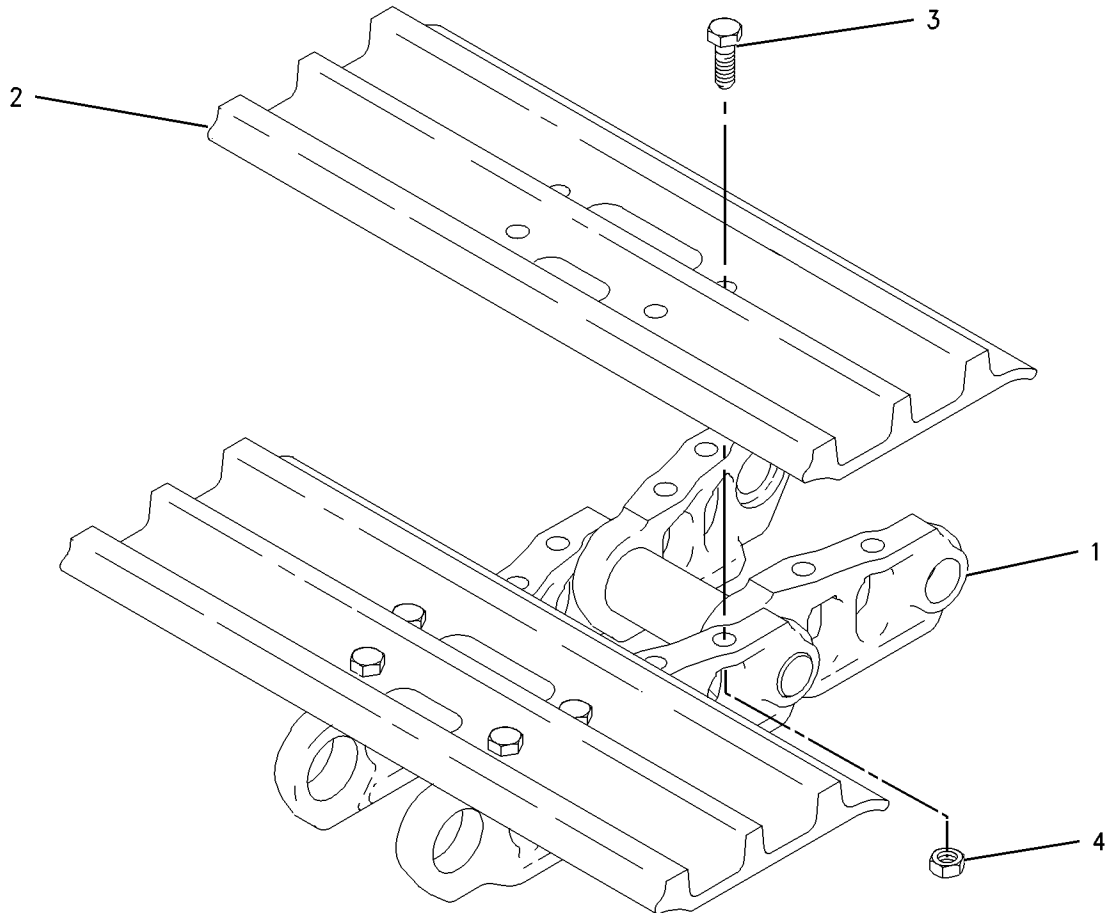
AN ATTACHMENT

SMCS-4170

i01412860

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	194-1609	1	LINK AS - TRACK	262
	2	1	9W-9351	45	SHOE - TRACK	
M	3	1	9W-3619	180	BOLT - TRACK (M20X1.5X55MM)	
M	4	1	9W-3361	180	NUT - TRACK (M20X1.5 THD)	

M - METRIC PART
Y - SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00731630

HYDRAULIC SYSTEM

164-6981 ACCUMULATOR GP-HYDRAULIC

S/N: A6F1-UP; A8F1-UP

PART OF 248-9851 LINES GP-PILOT

SMCS-5077

i02498114

NOTE	PART NUMBER	QTY	PART NAME	SEE PAGE
			1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	199-7447	1	ACCUMULATOR GP-HYDRAULIC (UNCHARGED)	281
	3K-0360	1	SEAL-O-RING	
Y-SEPARATE ILLUSTRATION				
<END>				

HYDRAULIC SYSTEM

199 - 7447 ACCUMULATOR GP - HYDRAULIC

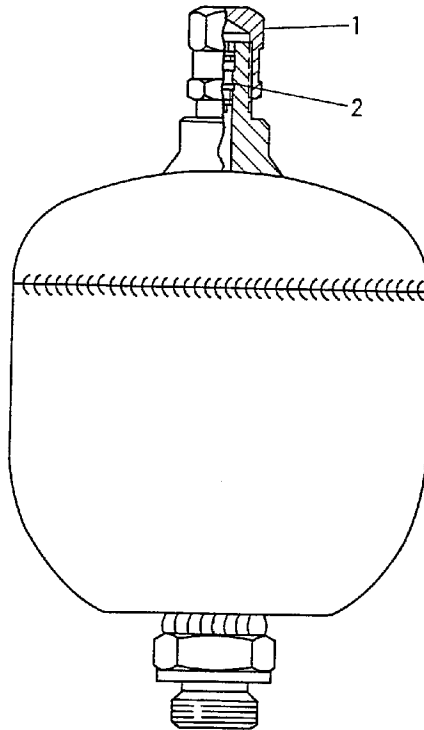
S/N: A6F1-UP; A8F1-UP

PART OF 164-6981 ACCUMULATOR GP - HYDRAULIC

SMCS-5077

i01889586

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4I-5862	1	CAP						
	2	1	4I-1539	1	CORE						



GRAPHIC #1

<END>

g00222004

HYDRAULIC SYSTEM

173-3503 BASE GP-OIL FILTER

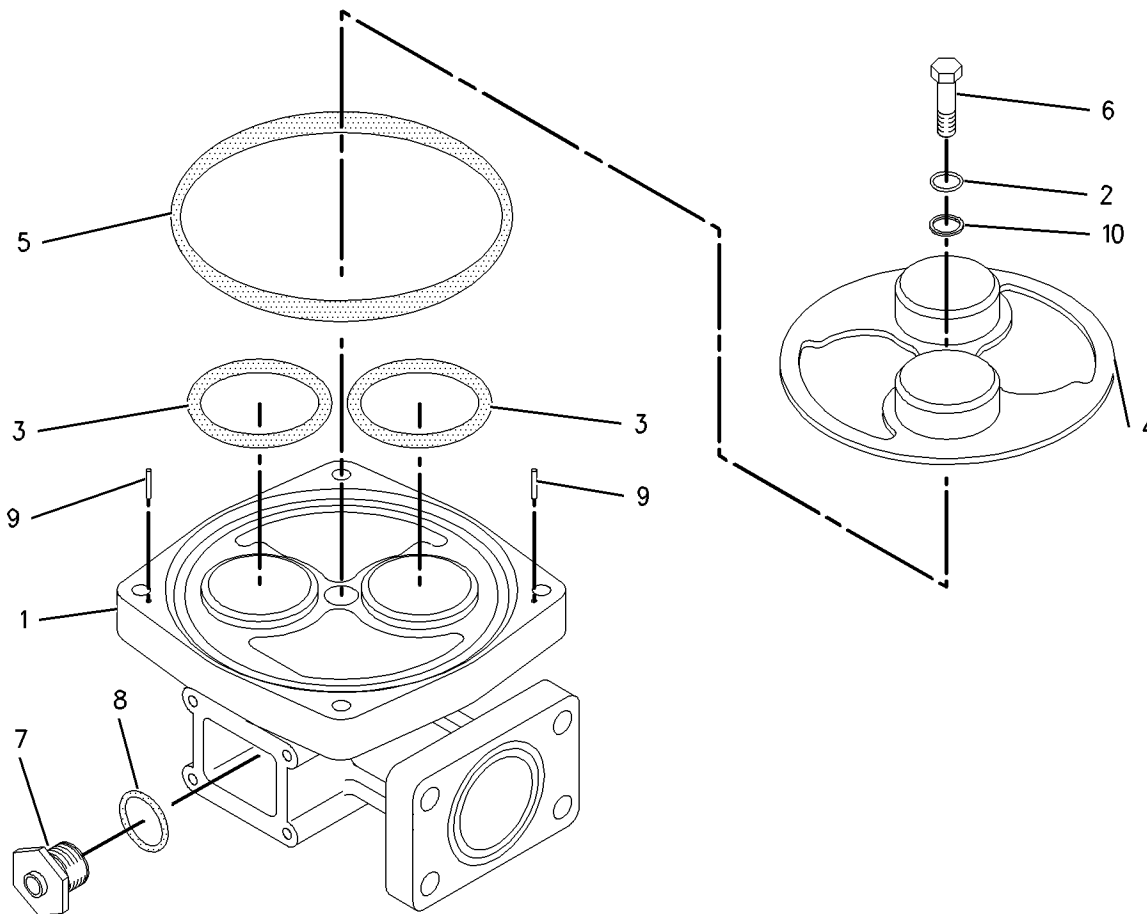
S/N: A6F1-UP; A8F1-UP
PART OF 188-4140 FILTER GP-OIL

SMCS-5068

i02270914

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	204-2763	1	BLOCK						
	2	1	5L-4758	1	SEAL-O-RING						
	3	1	177-2619	2	PACKING						
	4	1	173-3505	1	PLATE-SLIDE						
	5	1	137-3631	1	PACKING						
M	6	1	137-3626	1	BOLT-SHOULDER (M6X1X28.75-MM)						
	7	1	173-3506	1	PLUG AS						
	8	1	3J-1907	1	SEAL-O-RING						
	9	1	7Y-5272	2	PIN-SPRING						
B	10	1	137-3628	1	SHIM (0.1-MM THK)						

B-USE AS REQUIRED
M-METRIC PART



GRAPHIC #1

<END>

g00731058

HYDRAULIC SYSTEM

259 - 7492 CONTROL AR-AUXILIARY

S/N: A6F1-UP; A8F1-UP

AN ATTACHMENT

SMCS-5051

i02765442

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	239-8693	1	CONTROL GP-HYDRAULIC PEDAL						670
Y	251-0436	1	FASTENER GP-WIRING HARNESS						133
Y	247-7423	1	FILM GP (OPERATOR CONTROLS, NOTICE)						727
Y	260-8006	1	LINES GP-FRONT (AUXILIARY)						377
Y	255-1800	1	LINES GP-PILOT (PEDAL, RH)						418
Y	260-7971	1	LINES GP-PILOT (AUXILIARY SYSTEM)						426

Y-SEPARATE ILLUSTRATION

<END>

259 - 7493 CONTROL AR-AUXILIARY- SYSTEM 2, COMBINED FUNCTION

S/N: A8F1-UP

AN ATTACHMENT

SMCS-5051

i02790418

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	239-8695	1	CONTROL GP-HYDRAULIC PEDAL						671
Y	247-7424	1	FILM GP (OPERATOR CONTROLS, NOTICE)						728
Y	260-8008	1	LINES GP-FRONT (COMBINED FUNCTION)						385
Y	255-1802	1	LINES GP-PILOT (PEDAL CONTROLS)						420
Y	260-7974	1	LINES GP-PILOT (SYSTEM 2, COMBINED FUNCTION)						433
Y	255-5713	1	VALVE & MTG GP-CONTROL (AUXILIARY)						486
Y	251-0529	1	WIRING GP-CAB (1-WAY/2-WAY FLOW)						168
Y	259-5045	1	WIRING GP-COMBINED FLOW						180

Y-SEPARATE ILLUSTRATION

<END>

259 - 7494 CONTROL AR-AUXILIARY-SYSTEM 3, 1-WAY, 2-PUMP

S/N: A6F1-UP; A8F1-UP

FOR USE WITH 240-5073-PAGE 683. CANNOT BE USED WITH THIRD PEDAL

AN ATTACHMENT

SMCS-5051

i02790209

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	239-8693	1	CONTROL GP-HYDRAULIC PEDAL						670
Y	251-0436	1	FASTENER GP-WIRING HARNESS						133
Y	247-7423	1	FILM GP (OPERATOR CONTROLS, NOTICE)						727
Y	260-8007	1	LINES GP-FRONT (SYSTEM 3, 1-WAY, 2-PUMP)						381
Y	255-1800	1	LINES GP-PILOT (PEDAL, RH)						418
Y	260-7972	1	LINES GP-PILOT (AUXILIARY SYSTEM)						429
Y	255-5713	1	VALVE & MTG GP-CONTROL (AUXILIARY)						486

Y-SEPARATE ILLUSTRATION

<END>

HYDRAULIC SYSTEM

259-7495 CONTROL AR-AUXILIARY

S/N: A6F1-UP; A8F1-UP
AN ATTACHMENT

SMCS-5051

i02786402

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	239-8695	1	CONTROL GP-HYDRAULIC PEDAL						671
Y	247-7423	1	FILM GP (OPERATOR CONTROLS, NOTICE)						727
Y	260-8008	1	LINES GP-FRONT (COMBINED FUNCTION)						385
Y	260-8009	1	LINES GP-FRONT (COMBINED FCTN, MEDIUM PRESSURE)						389
Y	255-1663	1	LINES GP-PILOT (PEDAL CONTROLS)						416
Y	260-7986	1	LINES GP-PILOT (AUXILIARY SYSTEM)						439
Y	255-5716	1	VALVE & MTG GP-CONTROL (AUXILIARY)						487
Y	251-0529	1	WIRING GP-CAB (1-WAY/2-WAY FLOW)						168
Y	259-5045	1	WIRING GP-COMBINED FLOW						180

Y-SEPARATE ILLUSTRATION

<END>

277-0863 CONTROL AR-COUPLER

S/N: A6F1-UP; A8F1-UP
FOR USE WITH 260-7984-PAGE 437
AN ATTACHMENT

SMCS-6129

i02783485

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	268-6816	1	FILM GP (QUICK COUPLER)						729
Y	275-1409	1	LINES GP-FRONT (QUICK COUPLER)						391
Y	267-7642	1	WIRING GP-CAB (COUPLER)						178
Y	267-8002	1	WIRING GP-COUPLER						193

Y-SEPARATE ILLUSTRATION

<END>

288-7608 CONTROL AR-COUPLER

S/N: A6F1-UP; A8F1-UP
AN ATTACHMENT

SMCS-6129

i02783371

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	282-5705	1	FILM GP (QUICK COUPLER)						730
Y	289-5416	1	LINES GP-FRONT						395
Y	238-2485	1	WIRING GP-CAB (QUICK COUPLER)						167
Y	259-5044	1	WIRING GP-COUPLER						192

Y-SEPARATE ILLUSTRATION

<END>

HYDRAULIC SYSTEM

279-7871 COUPLING GP-FLEXIBLE

S/N: A6F1-UP; A8F1-UP

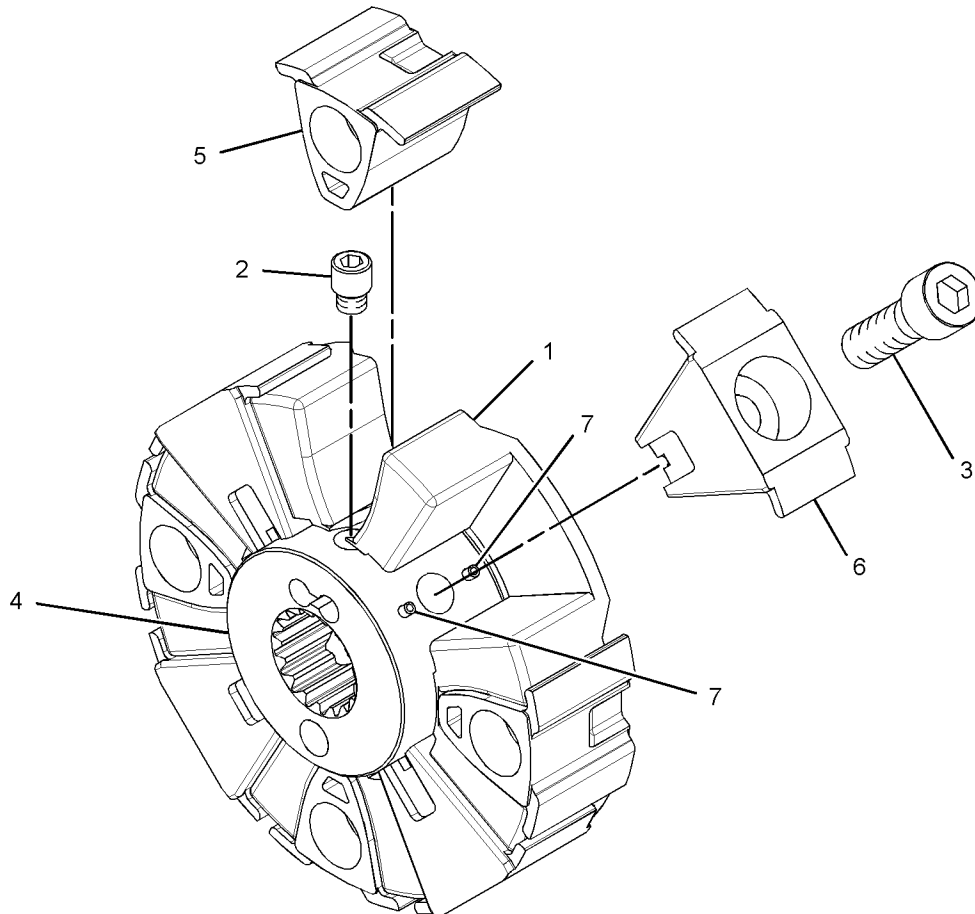
PART OF 279-7870 COUPLING GP-PUMP

SMCS-3252

i02780713

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7Y-0463	1	ELEMENT (FLEXIBLE RUBBER)						
M	2	1	7Y-0466	2	SETSCREW-SOCKET (M16X2X22-MM)						
M	3	1	7Y-0467	4	BOLT-SOCKET HEAD (M18X2.5X55-MM)						
	4	1	305-4950	1	HUB						
	5	1	305-4951	4	INSERT-COUPLING						
	6	1	305-4952	4	INSERT-COUPLING						
	7	1	7Y-0468	8	PIN-SPRING						

M-METRIC PART



GRAPHIC #1

<END>

g01393114

HYDRAULIC SYSTEM

279-7870 COUPLING GP - PUMP

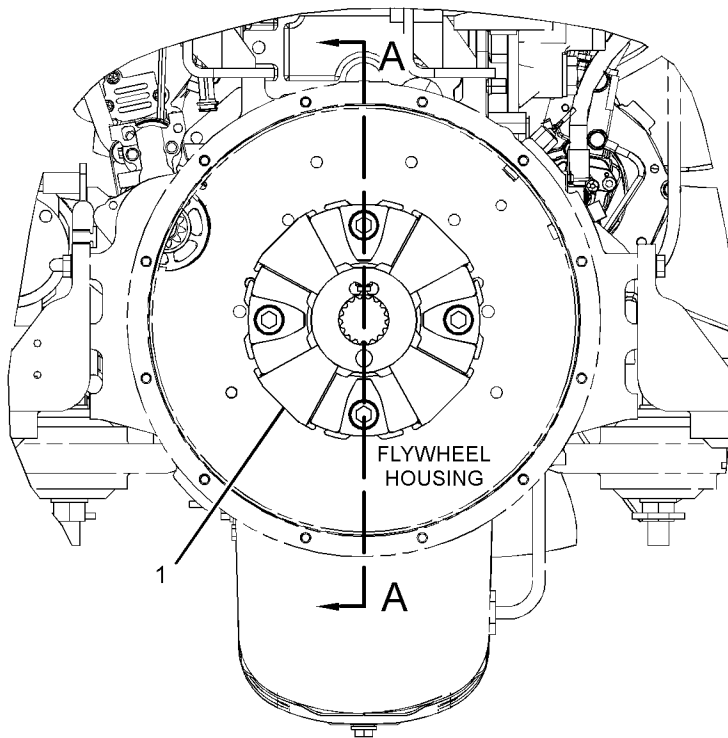
S/N: A6F1-UP; A8F1-UP

PART OF 279-7869 PUMP & MTG GP-MAIN HYDRAULIC

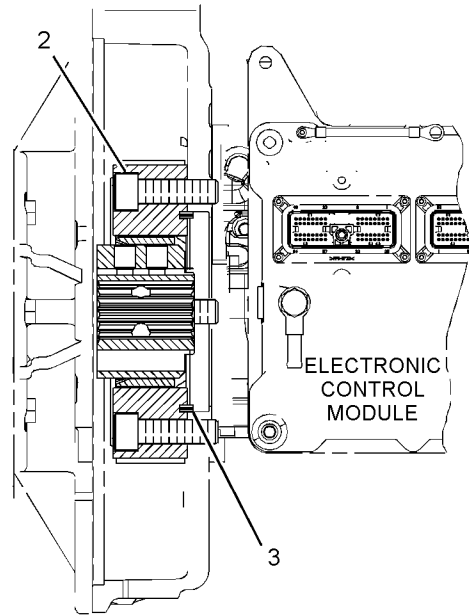
SMCS-5062

i02779819

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	279-7871	1	COUPLING GP-FLEXIBLE						285
	2	1	287-0047	4	BOLT-SOCKET HEAD						
	3	1	7Y-0468	4	PIN-SPRING						
Y-SEPARATE ILLUSTRATION											



RIGHT SIDE VIEW



SECTION A-A

GRAPHIC #1

<END>

g01291991

HYDRAULIC SYSTEM

242-6730 CYLINDER & LINES GP-BOOM-LH

S/N: A6F1-UP; A8F1-UP

PART OF 240-3833 BOOM AR, 240-3828, 240-3830 BOOM AR-1 PIECE LONG
AN ATTACHMENT

SMCS-5456, 7562

i02793736

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	242-6731	1	CYLINDER & SEAL GP-BOOM						289
Y	242-6732	1	LINES GP-BOOM CYLINDER (LH)						362
Y-SEPARATE ILLUSTRATION									
<END>									

242-6736 CYLINDER & LINES GP-BOOM-RH

S/N: A6F1-UP; A8F1-UP

PART OF 240-3833 BOOM AR, 240-3828, 240-3830 BOOM AR-1 PIECE LONG
AN ATTACHMENT

SMCS-5456, 7562

i02793682

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	242-6731	1	CYLINDER & SEAL GP-BOOM						289
Y	242-6737	1	LINES GP-BOOM CYLINDER (RH)						363
Y-SEPARATE ILLUSTRATION									
<END>									

225-4590 CYLINDER & LINES GP-BUCKET

S/N: A6F1-UP; A8F1-UP

PART OF 247-7331 LINKAGE AR-BUCKET
AN ATTACHMENT

SMCS-5457

i02791251

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	225-4591	1	CYLINDER & SEAL GP-BUCKET						293
Y	225-4592	1	LINES GP-BUCKET CYLINDER						365
Y-SEPARATE ILLUSTRATION									
<END>									

242-6755 CYLINDER & LINES GP-BUCKET

S/N: A6F1-UP; A8F1-UP

PART OF 240-3858 LINKAGE AR-BUCKET
AN ATTACHMENT

SMCS-5457

i02793247

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	242-6756	1	CYLINDER & SEAL GP-BUCKET						295
Y	242-6757	1	LINES GP-BUCKET CYLINDER						366
Y-SEPARATE ILLUSTRATION									
<END>									

HYDRAULIC SYSTEM

242-6733 CYLINDER & LINES GP-STICK

S/N: A6F1-UP; A8F1-UP
PART OF 240-3828 BOOM AR-1 PIECE LONG
AN ATTACHMENT

SMCS-5458

i02794082

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	242-6734	1	CYLINDER & SEAL GP-STICK						297
Y	242-6735	1	LINES GP-STICK CYLINDER						450
Y-SEPARATE ILLUSTRATION									

<END>

242-6743 CYLINDER & LINES GP-STICK

S/N: A6F1-UP; A8F1-UP
PART OF 240-3830 BOOM AR-1 PIECE LONG
AN ATTACHMENT

SMCS-5458

i02793937

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	242-6744	1	CYLINDER & SEAL GP-STICK						299
Y	242-6735	1	LINES GP-STICK CYLINDER						450
Y-SEPARATE ILLUSTRATION									

<END>

242-6750 CYLINDER & LINES GP-STICK

S/N: A6F1-UP; A8F1-UP
PART OF 240-3833 BOOM AR
AN ATTACHMENT

SMCS-5458

i02793752

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	242-6751	1	CYLINDER & SEAL GP-BOOM						291
Y	242-6735	1	LINES GP-STICK CYLINDER						450
Y-SEPARATE ILLUSTRATION									

<END>

HYDRAULIC SYSTEM

242-6731 CYLINDER & SEAL GP-BOOM

S/N: A6F1-UP; A8F1-UP

120-MM (4.7-IN) BORE X 1260--MM (49.6-IN) STROKE

PART OF 242-6730, 242-6736 CYLINDER & LINES GP-BOOM

AN ATTACHMENT

SMCS-5456

i02793694

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
J	1	1	121-1611	1	SEAL-LIP TYPE						
J	2	1	096-1568	1	RING-BACKUP						
J	3	1	096-1567	1	SEAL-U-CUP						
J	4	1	204-3622	1	SEAL-BUFFER						
	5	1	096-4402	1	BEARING-SLEEVE						
	6	1	094-0747	1	RING-RETAINING						
	7	1	185-0334	1	HEAD						
M	8	1	8T-1447	12	BOLT-SOCKET HEAD (M16X2X70-MM)						
J	9	1	095-1717	1	SEAL-O-RING						
J	10	1	096-3964	1	RING-BACKUP						
	11	1	247-8866	1	CYLINDER AS						
	11A	1	241-7379	1	BEARING-SLEEVE						
	12	1	247-8867	1	ROD AS						
	12A	1	241-7380	1	BEARING-SLEEVE						
	13	1	4I-8864	1	STOP						
J	14	1	126-1935	1	RING-SEAL						
J	15	1	4I-3615	2	RING-BACKUP						
J	16	1	096-7803	1	SEAL AS						
J	17	1	247-8865	2	RING						
J	18	1	086-0255	2	RING						
	19	1	247-8864	1	PISTON						
M	20	1	096-3216	1	SETSCREW-SOCKET (M12X1.75X12-MM)						
	21	1	3D-2891	1	BALL						
	22	1	166-1494	4	SEAL-LIP TYPE						
	23	1	3B-8489	1	FITTING-GREASE						

AVAILABLE REPAIR KIT(S) :

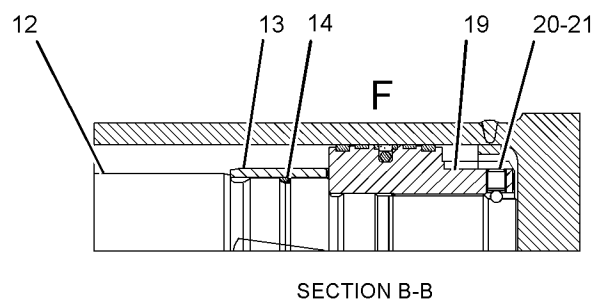
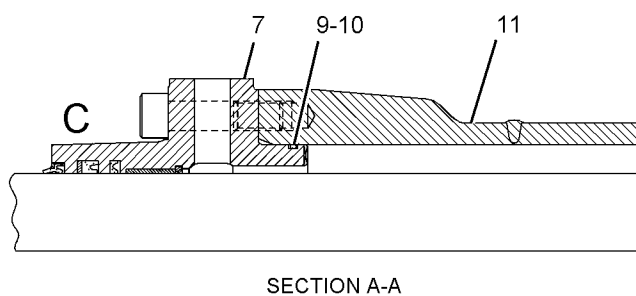
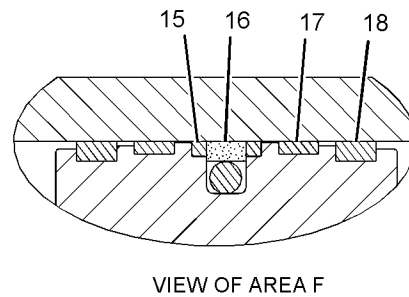
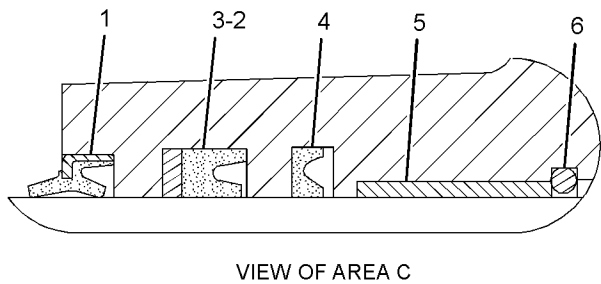
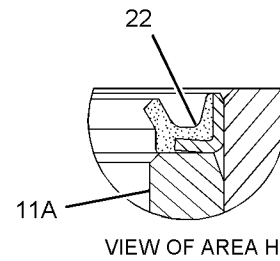
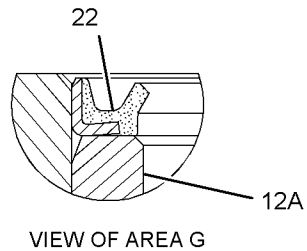
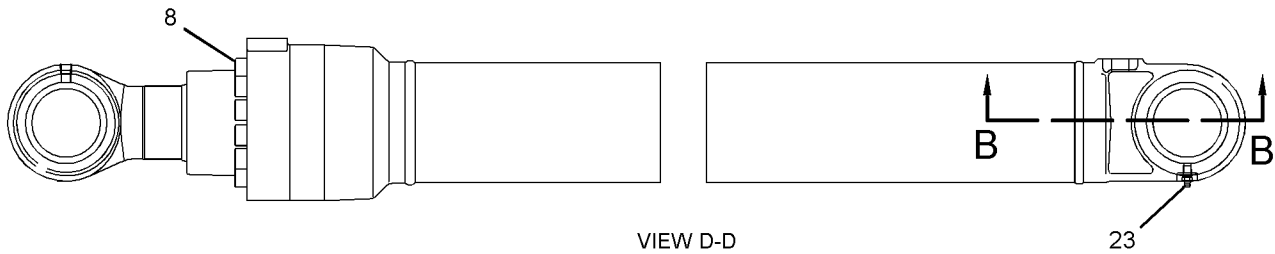
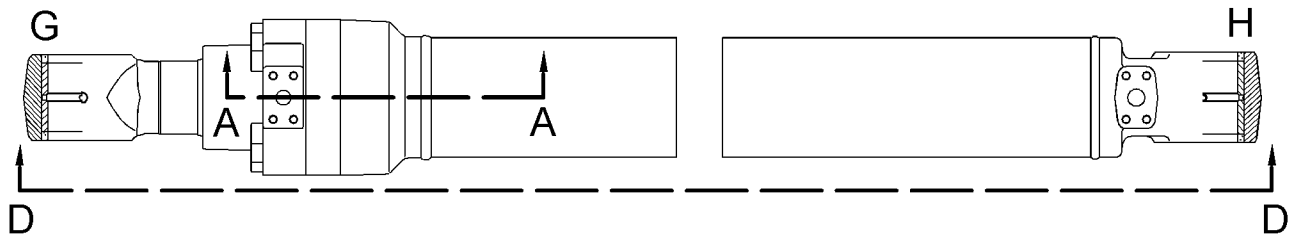
J 247-8868 1 KIT-SEAL (CYLINDER)

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

HYDRAULIC SYSTEM

242-6731 CYLINDER & SEAL GP - BOOM (contd.)

i02793694



GRAPHIC #1

<END>

g01218786

HYDRAULIC SYSTEM

242-6751 CYLINDER & SEAL GP-BOOM

S/N: A6F1-UP; A8F1-UP

140-MM (5.51-IN) BORE X 1518-MM (59.8-IN) STORKE

PART OF 242-6750 CYLINDER & LINES GP-STICK

AN ATTACHMENT

SMCS-5456

i02793766

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
J	1	1	133-6904	1	SEAL-LIP TYPE						
J	2	1	121-1372	1	RING-BACKUP						
J	3	1	121-1371	1	SEAL-U-CUP						
J	4	1	204-3623	1	SEAL-BUFFER						
	5	1	096-5625	1	BEARING-SLEEVE						
	6	1	094-1931	1	RING-RETAINING						
	7	1	188-4181	1	HEAD						
M	8	1	4I-3628	12	BOLT-SOCKET HEAD (M18X2.5X80-MM)						
J	9	1	095-1721	1	SEAL-O-RING						
J	10	1	4I-3627	1	RING-BACKUP						
	11	1	247-8881	1	CYLINDER AS						
		1	241-7381	1	BEARING-SLEEVE						
	12	1	247-8882	1	ROD AS						
		1	241-7381	1	BEARING-SLEEVE						
	13	1	4I-8869	1	STOP						
J	14	1	126-1876	1	RING-SEAL						
J	15	1	4I-3631	2	RING-BACKUP						
J	16	1	096-1570	1	SEAL AS						
J	17	1	247-8874	2	RING						
J	18	1	096-1571	2	RING						
	19	1	247-8873	1	PISTON						
M	20	1	096-6210	1	SETSCREW-SOCKET (M14X2X14-MM)						
	21	1	4B-9880	1	BALL (0.31-IN DIA)						
	22	1	085-8605	1	RING-RETAINING						
J	23	1	194-8359	1	RING-SEAL						
	24	1	121-1549	1	STOP						
	25	1	085-8604	2	RING-RETAINING						
	26	1	166-1494	4	SEAL-LIP TYPE						
	27	1	3B-8489	1	FITTING-GREASE						

AVAILABLE REPAIR KIT(S):

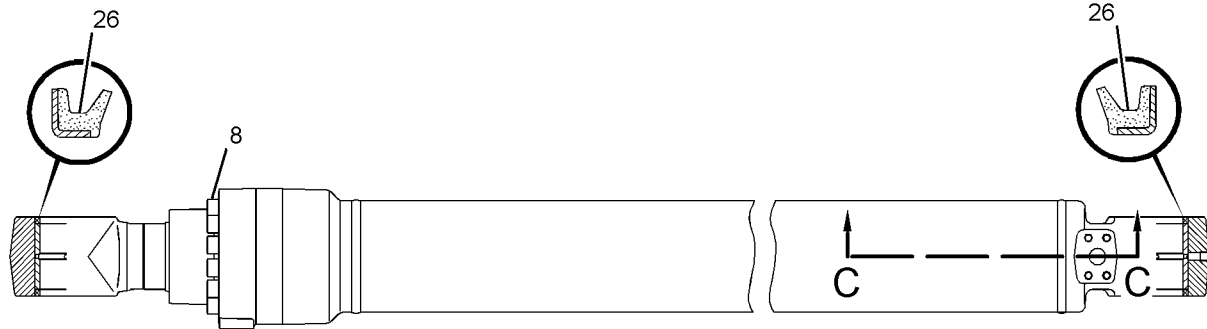
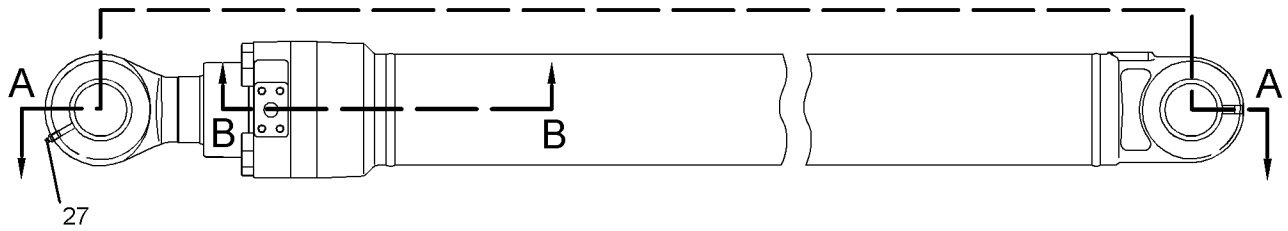
J 247-8878 1 KIT-SEAL (HYDRAULIC CYLINDER)

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

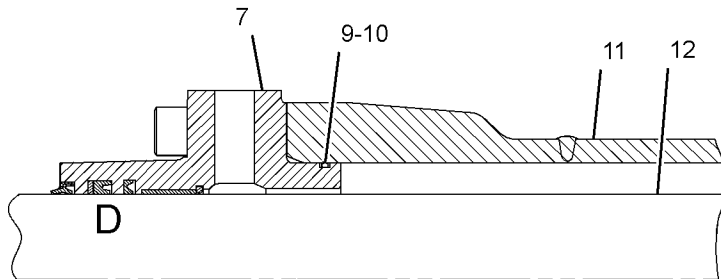
HYDRAULIC SYSTEM

242-6751 CYLINDER & SEAL GP - BOOM (contd.)

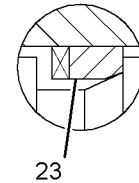
i02793766



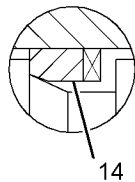
SECTION A-A



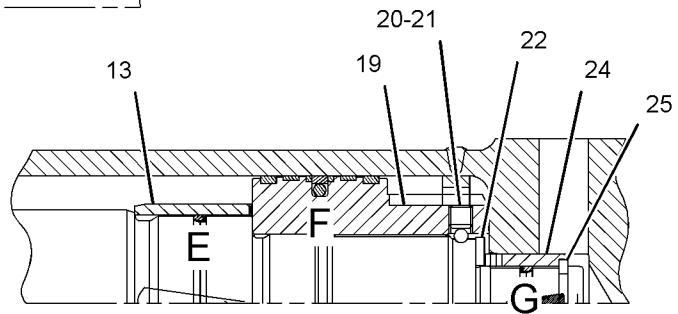
SECTION B-B



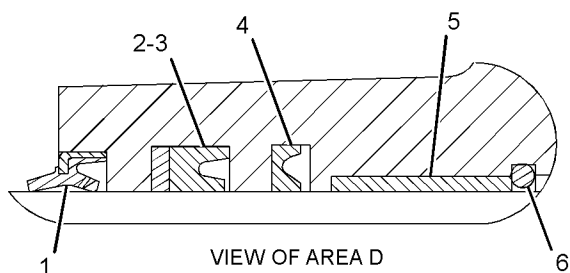
VIEW OF AREA G



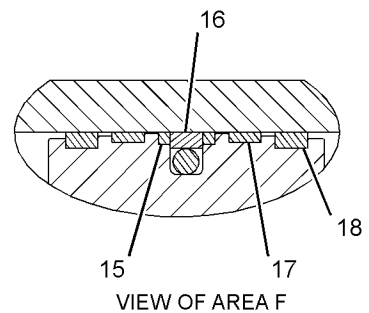
VIEW OF AREA E



SECTION C-C



VIEW OF AREA D



VIEW OF AREA F

GRAPHIC #1

<END>

g01295127

HYDRAULIC SYSTEM

225-4591 CYLINDER & SEAL GP-BUCKET

S/N: A6F1-UP; A8F1-UP

135-MM (5.3-IN) BORE X 1156-MM (45.5-IN) STROKE

PART OF 225-4590 CYLINDER & LINES GP-BUCKET

AN ATTACHMENT

SMCS-5457

i02791336

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
J	1	1	150-5828	1	SEAL-LIP TYPE						
J	2	1	150-5827	1	RING-BACKUP						
J	3	1	150-5826	1	SEAL-U-CUP						
J	4	1	209-5957	1	SEAL-BUFFER						
	5	1	096-4430	1	BEARING-SLEEVE						
	6	1	7Y-4631	1	RING-RETAINING						
	7	1	234-4580	1	HEAD						
M	8	1	4I-3628	12	BOLT-SOCKET HEAD (M18X2.5X80-MM)						
J	9	1	095-1720	1	SEAL-O-RING						
J	10	1	234-4581	1	RING-BACKUP						
	11	1	234-4589	1	ROD AS						
	11A	1	228-5615	1	BEARING-SLEEVE						
	12	1	234-4588	1	CYLINDER AS						
	12A	1	235-7769	1	BEARING-SLEEVE						
J	13	1	234-4583	1	SEAL AS						
J	14	1	234-4584	2	RING-BACKUP						
J	15	1	234-4585	2	RING						
J	16	1	234-4586	2	RING						
	17	1	234-4582	1	PISTON						
M	18	1	096-6210	1	SETSCREW-SOCKET (M14X2X14-MM)						
	19	1	4B-9880	1	BALL (0.31-IN DIA)						
	20	1	166-1495	2	SEAL-LIP TYPE						
	21	1	235-7679	2	SEAL-LIP TYPE						
	22	1	3B-8489	2	FITTING-GREASE						

AVAILABLE REPAIR KIT(S):

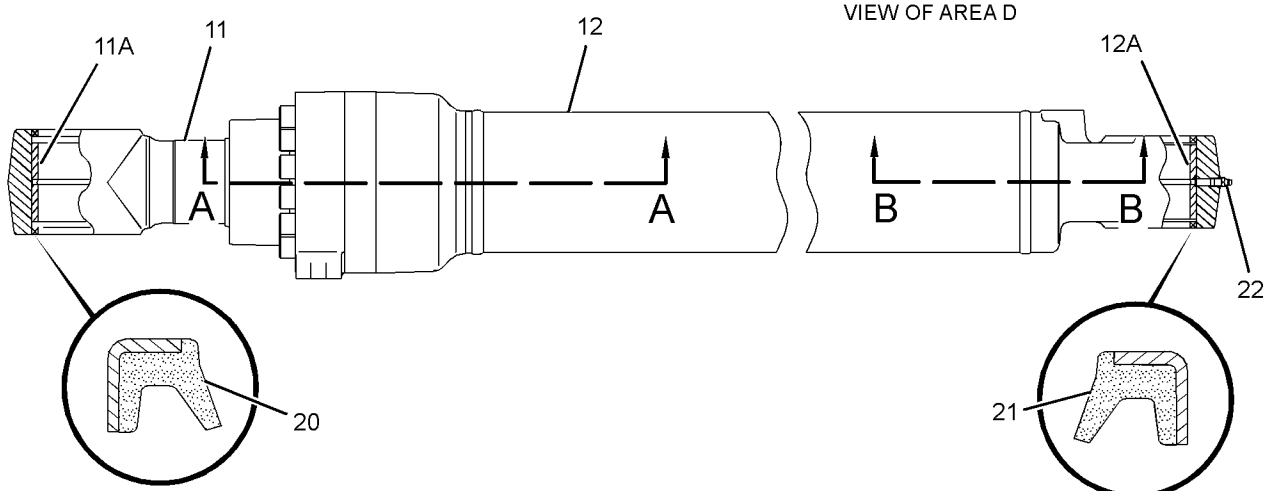
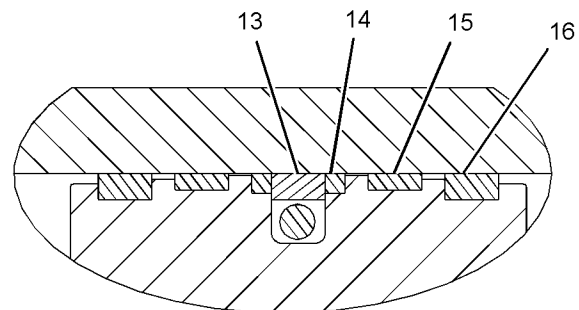
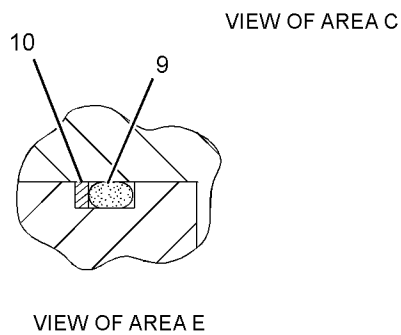
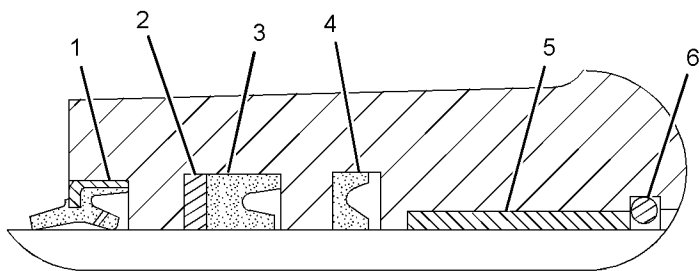
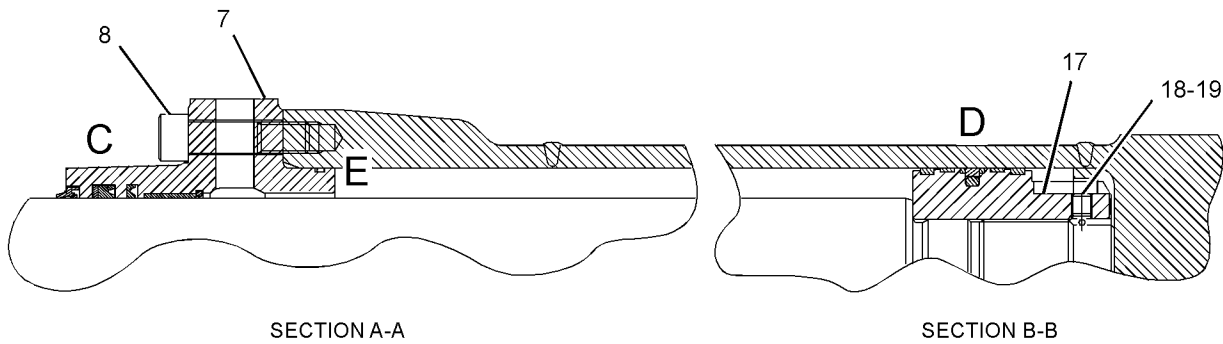
J 234-4587 1 KIT-SEAL (BUCKET CYLINDER)

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

HYDRAULIC SYSTEM

225 - 4591 CYLINDER & SEAL GP - BUCKET (contd.)

i02791336



GRAPHIC #1

<END>

g01191305

HYDRAULIC SYSTEM

242-6756 CYLINDER & SEAL GP-BUCKET

S/N: A6F1-UP; A8F1-UP

120-MM (4.7-IN) BORE X 1104-MM) 43.5-IN) STROKE

PART OF 242-6755 CYLINDER & LINES GP-BUCKET

AN ATTACHMENT

SMCS-5457

i02793283

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
J	1	1	121-1611	1	SEAL-LIP TYPE						
J	2	1	096-1568	1	RING-BACKUP						
J	3	1	096-1567	1	SEAL-U-CUP						
J	4	1	204-3622	1	SEAL-BUFFER						
	5	1	096-4402	1	BEARING-SLEEVE						
	6	1	094-0747	1	RING-RETAINING						
	7	1	177-2611	1	HEAD						
M	8	1	8T-1447	12	BOLT-SOCKET HEAD (M16X2X70-MM)						
J	9	1	095-1717	1	SEAL-O-RING						
J	10	1	096-3964	1	RING-BACKUP						
	11	1	247-8886	1	CYLINDER AS						
	11A	1	235-7769	1	BEARING-SLEEVE						
	12	1	247-8887	1	ROD AS						
	12A	1	241-7382	1	BEARING-SLEEVE						
J	13	1	4I-3615	2	RING-BACKUP						
J	14	1	096-7803	1	SEAL AS						
J	15	1	247-8865	2	RING						
J	16	1	086-0255	2	RING						
	17	1	247-8885	1	PISTON						
M	18	1	096-3216	1	SETSCREW-SOCKET (M12X1.75X12-MM)						
	19	1	3D-2891	1	BALL						
	20	1	166-1494	2	SEAL-LIP TYPE						
	21	1	235-7679	2	SEAL-LIP TYPE						
	22	1	3B-8489	2	FITTING-GREASE						

AVAILABLE REPAIR KIT(S):

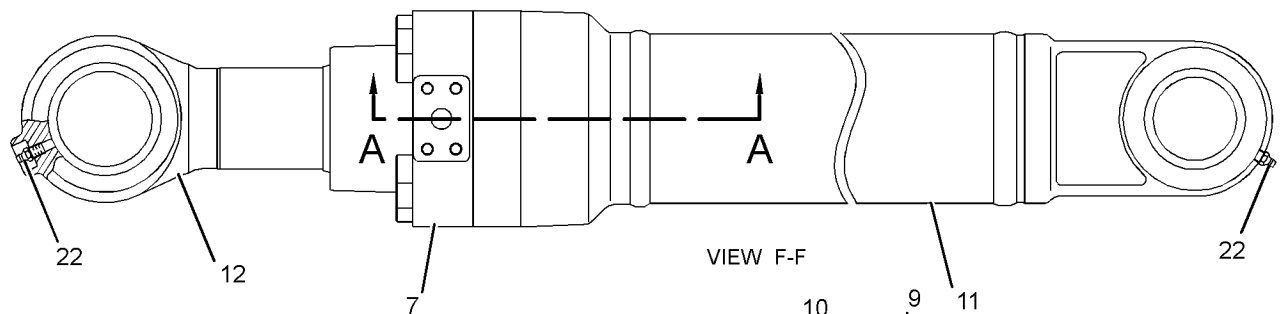
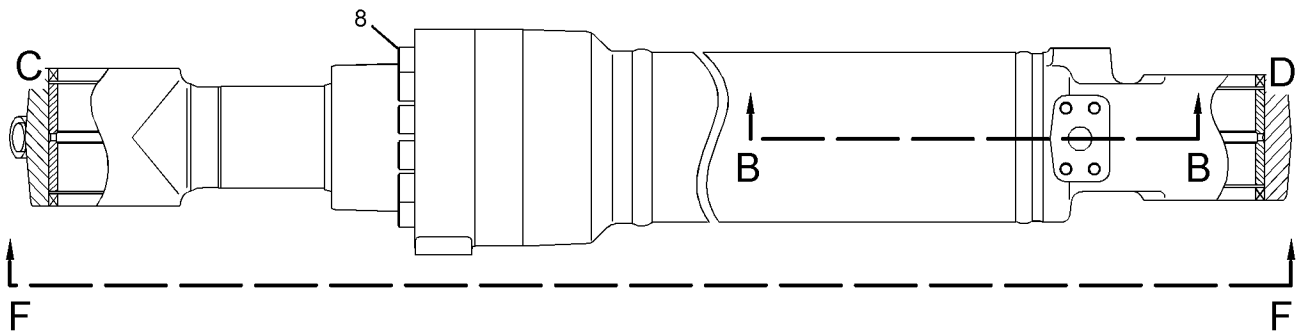
J 247-8888 1 KIT-SEAL (HYDRAULIC CYLINDER) (BUCKET)

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

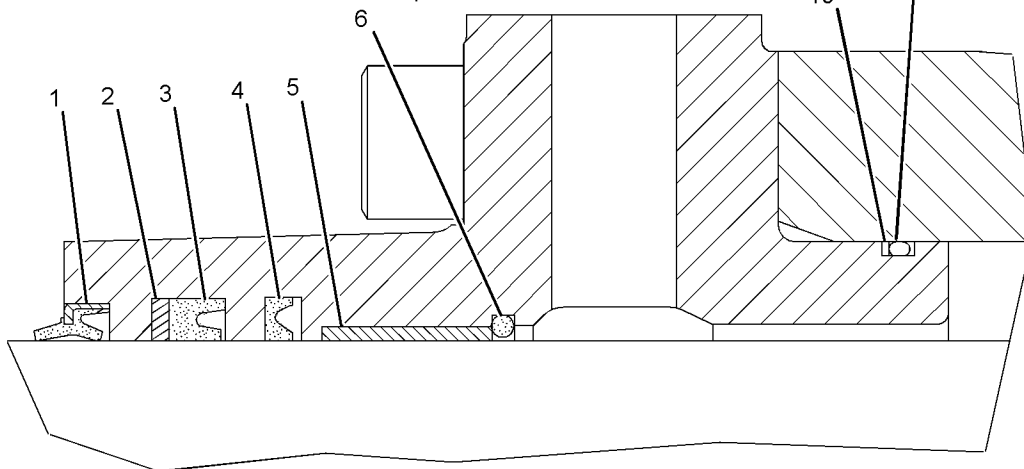
HYDRAULIC SYSTEM

242-6756 CYLINDER & SEAL GP -BUCKET (contd.)

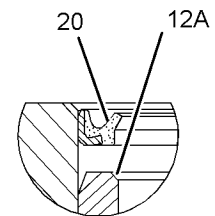
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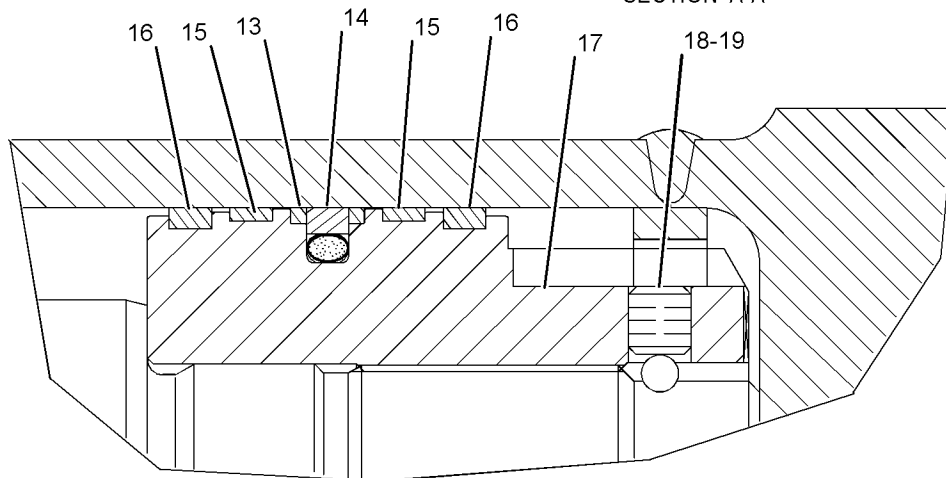
VIEW F-F



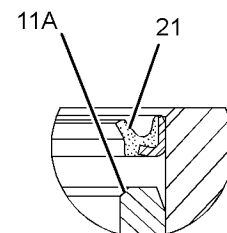
SECTION A-A



VIEW OF AREA C



SECTION B-B



VIEW OF AREA D

GRAPHIC #1

<END>

g01215259

HYDRAULIC SYSTEM

242-6734 CYLINDER & SEAL GP-STICK

S/N: A6F1-UP; A8F1-UP

140-MM (5.5-IN) BORE X 1540-MM (59.2-IN) STROKE

PART OF 242-6733 CYLINDER & LINES GP-STICK

AN ATTACHMENT

SMCS-5458

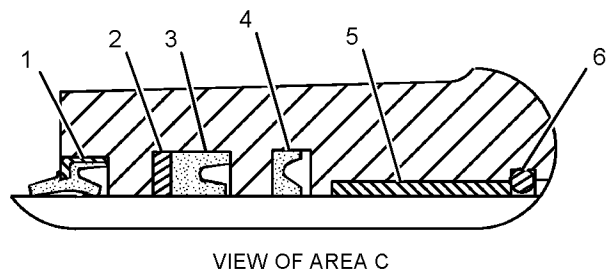
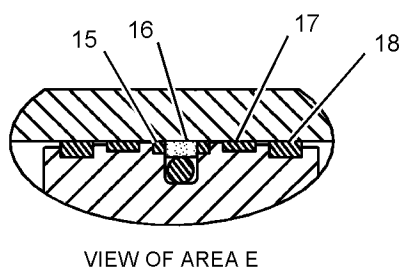
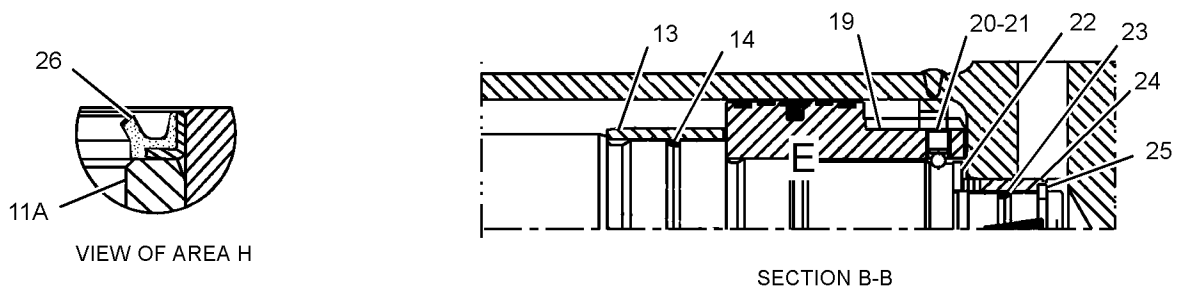
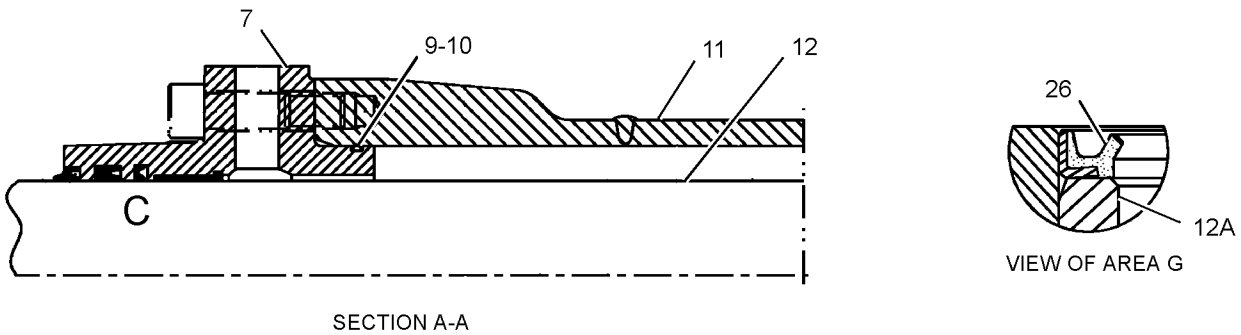
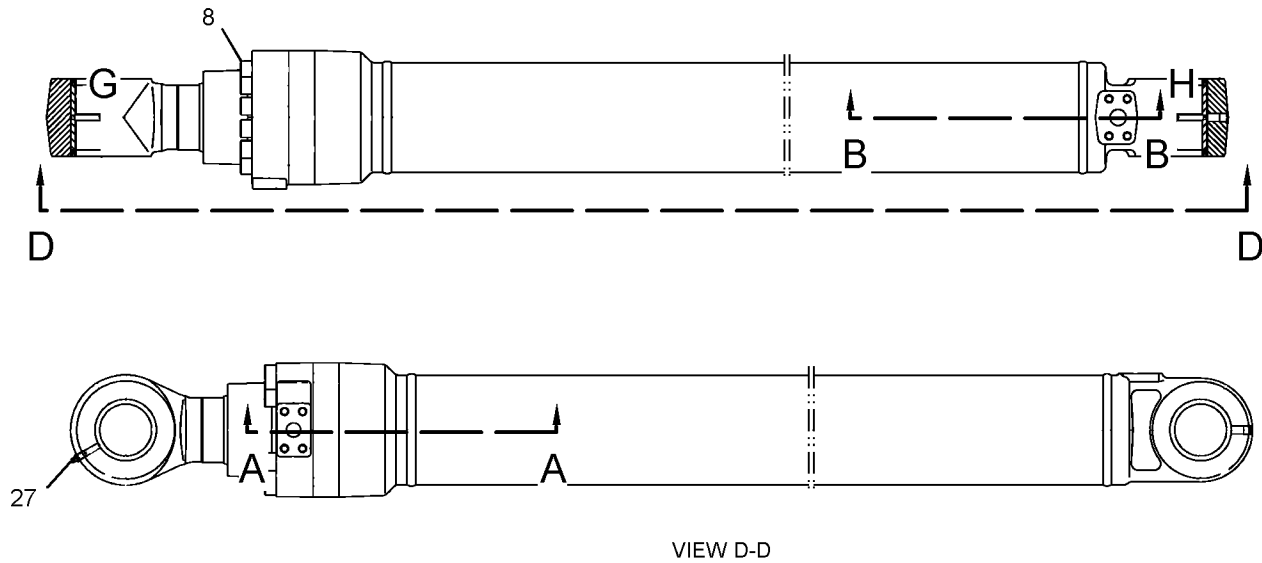
i02794094

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
J	1	1	133-6904	1	SEAL-LIP TYPE						
J	2	1	121-1372	1	RING-BACKUP						
J	3	1	121-1371	1	SEAL-U-CUP						
J	4	1	204-3623	1	SEAL-BUFFER						
	5	1	096-5625	1	BEARING-SLEEVE						
	6	1	094-1931	1	RING-RETAINING						
	7	1	188-4181	1	HEAD						
M	8	1	4I-3628	12	BOLT-SOCKET HEAD (M18X2.5X80-MM)						
J	9	1	095-1721	1	SEAL-O-RING						
J	10	1	4I-3627	1	RING-BACKUP						
	11	1	247-8876	1	CYLINDER AS						
	11A	1	241-7381	1	BEARING-SLEEVE						
	12	1	247-8877	1	ROD AS						
	12A	1	241-7381	1	BEARING-SLEEVE						
	13	1	4I-8869	1	STOP						
J	14	1	126-1876	1	RING-SEAL						
J	15	1	4I-3631	2	RING-BACKUP						
J	16	1	096-1570	1	SEAL AS						
J	17	1	247-8874	2	RING						
J	18	1	096-1571	2	RING						
	19	1	247-8873	1	PISTON						
M	20	1	096-6210	1	SETSCREW-SOCKET (M14X2X14-MM)						
	21	1	4B-9880	1	BALL (0.31-IN DIA)						
	22	1	085-8605	1	RING-RETAINING						
J	23	1	194-8359	1	RING-SEAL						
	24	1	121-1549	1	STOP						
	25	1	085-8604	2	RING-RETAINING						
	26	1	166-1494	4	SEAL-LIP TYPE						
	27	1	3B-8489	1	FITTING-GREASE						
AVAILABLE REPAIR KIT(S):											
J			247-8878	1	KIT-SEAL (HYDRAULIC CYLINDER)						
J - KIT MARKED J SERVICES PART(S) MARKED J M - METRIC PART											

HYDRAULIC SYSTEM

242-6734 CYLINDER & SEAL GP-STICK (contd.)

i02794094



GRAPHIC #1

<END>

g01221010

HYDRAULIC SYSTEM

242-6744 CYLINDER & SEAL GP-STICK

S/N: A6F1-UP; A8F1-UP

140-MM (5.5-IN) BORE X 1504-MM (59.2-IN) STROKE

PART OF 242-6743 CYLINDER & LINES GP-STICK

AN ATTACHMENT

SMCS-5458

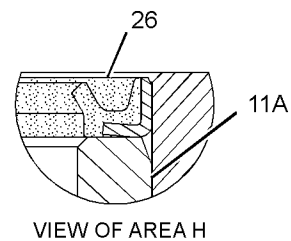
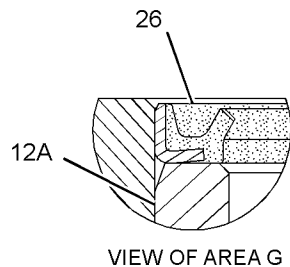
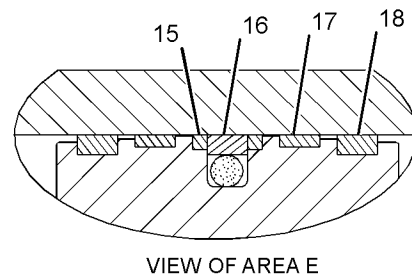
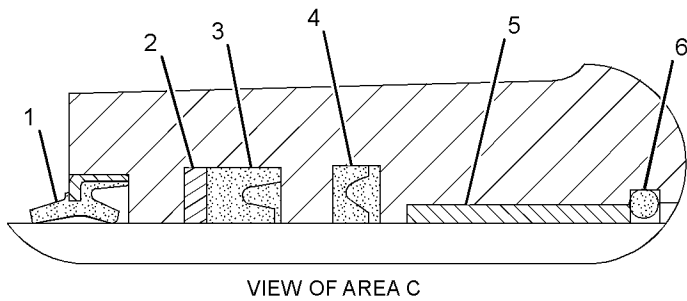
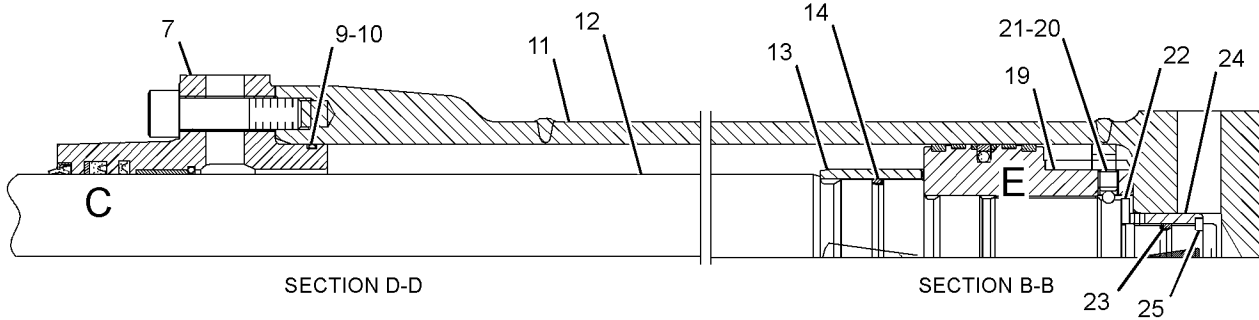
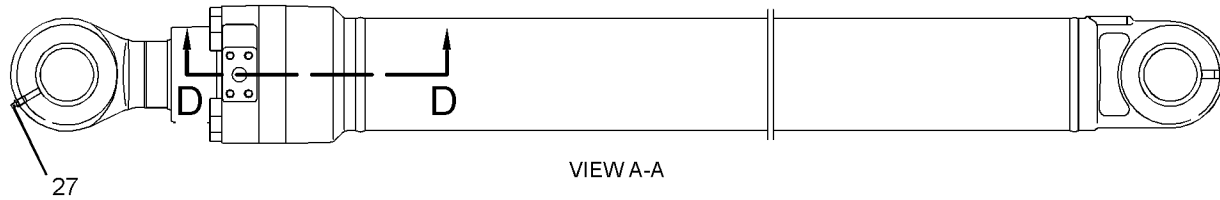
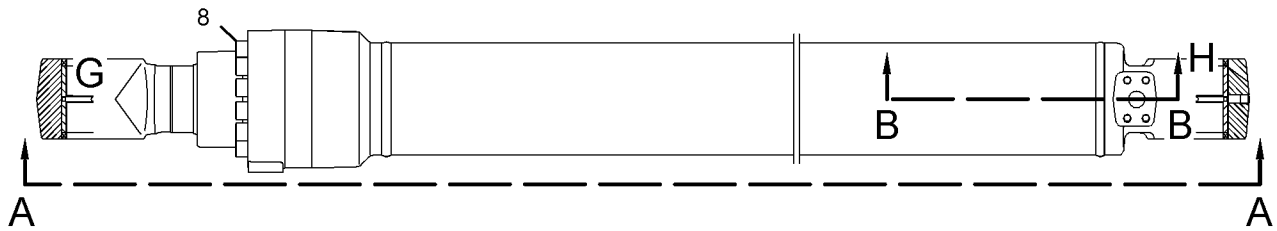
i02793944

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
J	1	1	133-6904	1	SEAL-LIP TYPE						
J	2	1	121-1372	1	RING-BACKUP						
J	3	1	121-1371	1	SEAL-U-CUP						
J	4	1	204-3623	1	SEAL-BUFFER						
	5	1	096-5625	1	BEARING-SLEEVE						
	6	1	094-1931	1	RING-RETAINING						
	7	1	188-4181	1	HEAD						
M	8	1	4I-3628	12	BOLT-SOCKET HEAD (M18X2.5X80-MM)						
J	9	1	095-1721	1	SEAL-O-RING						
J	10	1	4I-3627	1	RING-BACKUP						
	11	1	247-8876	1	CYLINDER AS						
	11A	1	241-7381	1	BEARING-SLEEVE						
	12	1	247-8877	1	ROD AS						
	12A	1	241-7381	1	BEARING-SLEEVE						
	13	1	4I-8869	1	STOP						
J	14	1	214-4501	1	RING-SEAL						
J	15	1	4I-3631	2	RING-BACKUP						
J	16	1	096-1570	1	SEAL AS						
J	17	1	247-8874	2	RING						
J	18	1	096-1571	2	RING						
	19	1	247-8873	1	PISTON						
M	20	1	096-6210	1	SETSCREW-SOCKET (M14X2X14-MM)						
	21	1	4B-9880	1	BALL (0.31-IN DIA)						
	22	1	085-8605	1	RING-RETAINING						
J	23	1	194-8359	1	RING-SEAL						
	24	1	121-1549	1	STOP						
	25	1	085-8604	2	RING-RETAINING						
	26	1	166-1494	4	SEAL-LIP TYPE						
	27	1	3B-8489	1	FITTING-GREASE						
AVAILABLE REPAIR KIT(S):											
J			247-8974	1	KIT-SEAL (HYDRAULIC CYLINDER)						
J - KIT MARKED J SERVICES PART(S) MARKED J											
M - METRIC PART											

HYDRAULIC SYSTEM

242-6744 CYLINDER & SEAL GP - STICK (contd.)

i02793944



GRAPHIC #1

<END>

g01220828

HYDRAULIC SYSTEM

148-4644 DRIVE GP-SWING

S/N: A6F1-UP; A8F1-UP

PART OF 148-4679 DRIVE GP-SWING

SMCS-5459

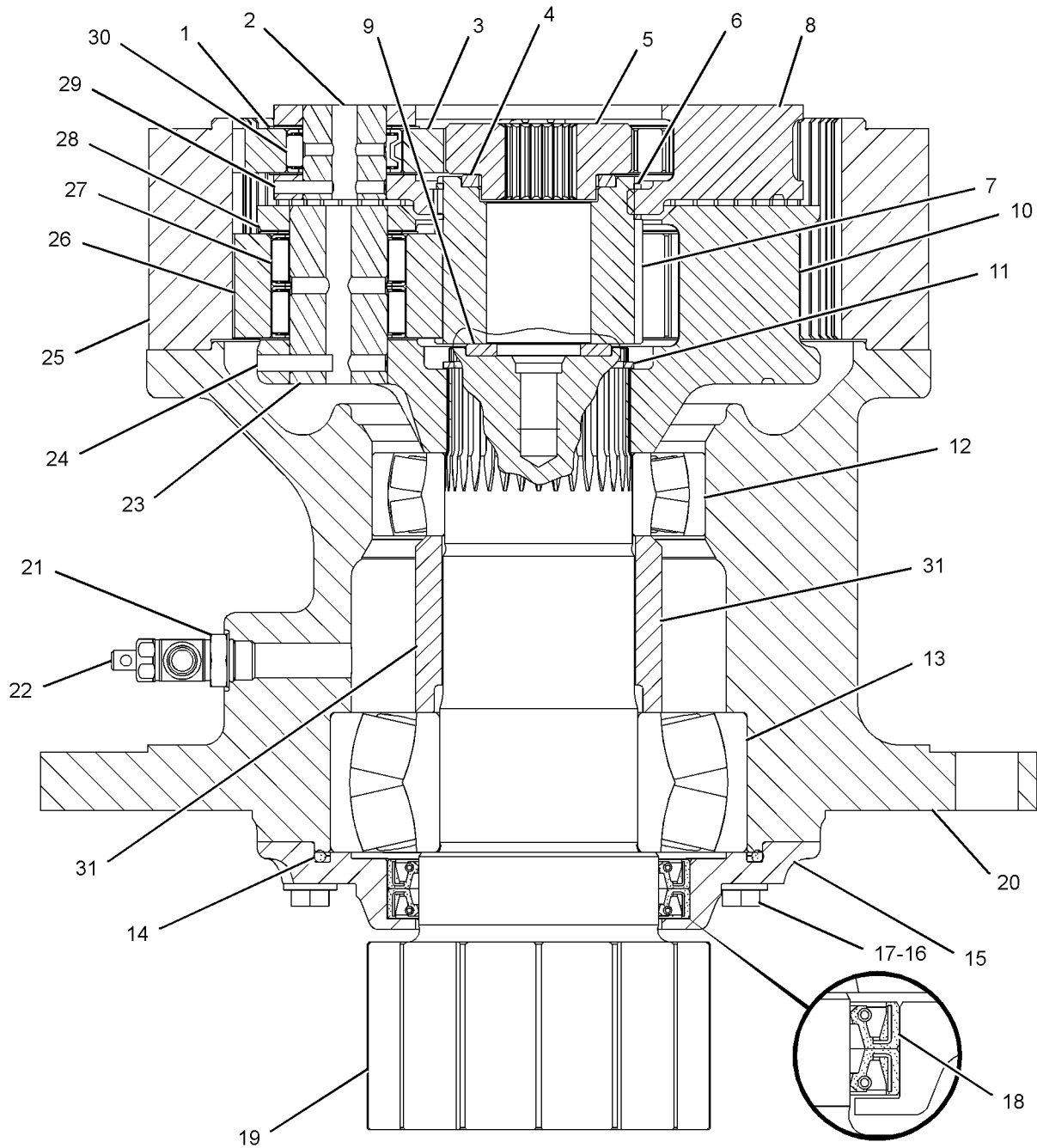
i02662309

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	094-0584	6	WASHER (40.3X72X1-MM THK)						
	2	1	094-1509	3	SHAFT-PLANETARY						
	3	1	148-4733	3	GEAR-PLANETARY (26-TEETH)						
	4	1	114-1581	1	SPACER (57.5X74X6-MM THK)						
	5	1	148-4732	1	GEAR-SUN (20-TEETH)						
	6	1	093-1729	2	RING-RETAINING						
	7	1	148-4632	1	GEAR-SUN (23-TEETH)						
	8	1	191-2578	1	CARRIER-PLANETARY						
	9	1	7Y-1434	1	SPACER (40X69.5X6-MM THK)						
	10	1	148-4637	1	CARRIER-PLANETARY						
	11	1	148-4640	1	RING-RETAINING						
	12	1	148-4643	1	BEARING						
	13	1	095-1022	1	BEARING-ROLLER						
	14	1	148-4642	1	SEAL-O-RING						
	15	1	227-6228	1	CAGE						
M	16	1	8T-4183	6	BOLT (M12X1.75X40-MM)						
	17	1	8T-4223	6	WASHER-HARD (13.5X25.5X3-MM THK)						
	18	1	199-4561	2	SEAL-LIP TYPE						
	19	1	148-4636	1	SHAFT-PINION						
	20	1	148-4638	1	HOUSING						
	21	1	3K-0360	1	SEAL-O-RING						
	22	1	6V-7238	1	VALVE-SHUTOFF (SWING DRIVE)						
	23	1	148-4634	3	SHAFT-PLANETARY						
	24	1	095-0891	3	PIN-SPRING						
	25	1	148-4635	1	GEAR-RING (73-TEETH)						
	26	1	148-4633	3	GEAR-PLANETARY (25-TEETH)						
	27	1	7Y-0252	6	BEARING AS-ROLLER						
	28	1	094-0611	6	WASHER (47.3X76X1-MM THK)						
	29	1	095-0886	3	PIN-SPRING						
	30	1	094-1516	3	BEARING-ROLLER						
	31	1	171-9383	1	SPACER						
M-METRIC PART											

HYDRAULIC SYSTEM

148-4644 DRIVE GP-SWING (contd.)

i02662309



GRAPHIC #1

<END>

g01209530

HYDRAULIC SYSTEM

148-4679 DRIVE GP - SWING

S/N: A6F1-UP; A8F1-UP

WITH MOTOR

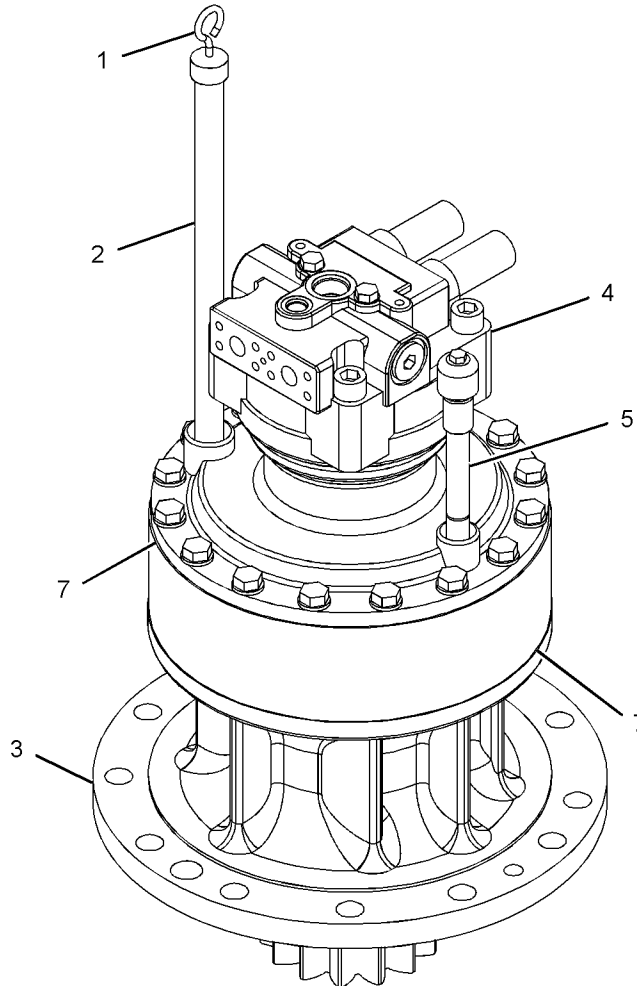
PART OF 267-6767 POWER TRAIN AR

SMCS-5459

i02776400

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	114-1398	1	GAUGE-OIL LEVEL (SWING DRIVE)	
	2	1	114-1399	1	PIPE-GAUGE	
Y	3	1	148-4644	1	DRIVE GP-SWING (WITHOUT MOTOR)	301
Y	4	1	158-8985	1	MOTOR & MTG GP-SWING	459
	5	1	227-6221	1	BREATHER AS (SWING DRIVE)	
		1	4H-6112	1	BREATHER	
		1	267-6785	1	PIPE	
B	7	1	1U-8846		SEALANT-GASKET	

B-USE AS REQUIRED
Y-SEPARATE ILLUSTRATION



<END>

GRAPHIC #1

g01390570

HYDRAULIC SYSTEM

227-6166 FASTENER GP-SWING & FINAL DR

S/N: A6F1-UP; A8F1-UP

PART OF 267-6767 POWER TRAIN AR

SMCS-4050, 5459

i02776476

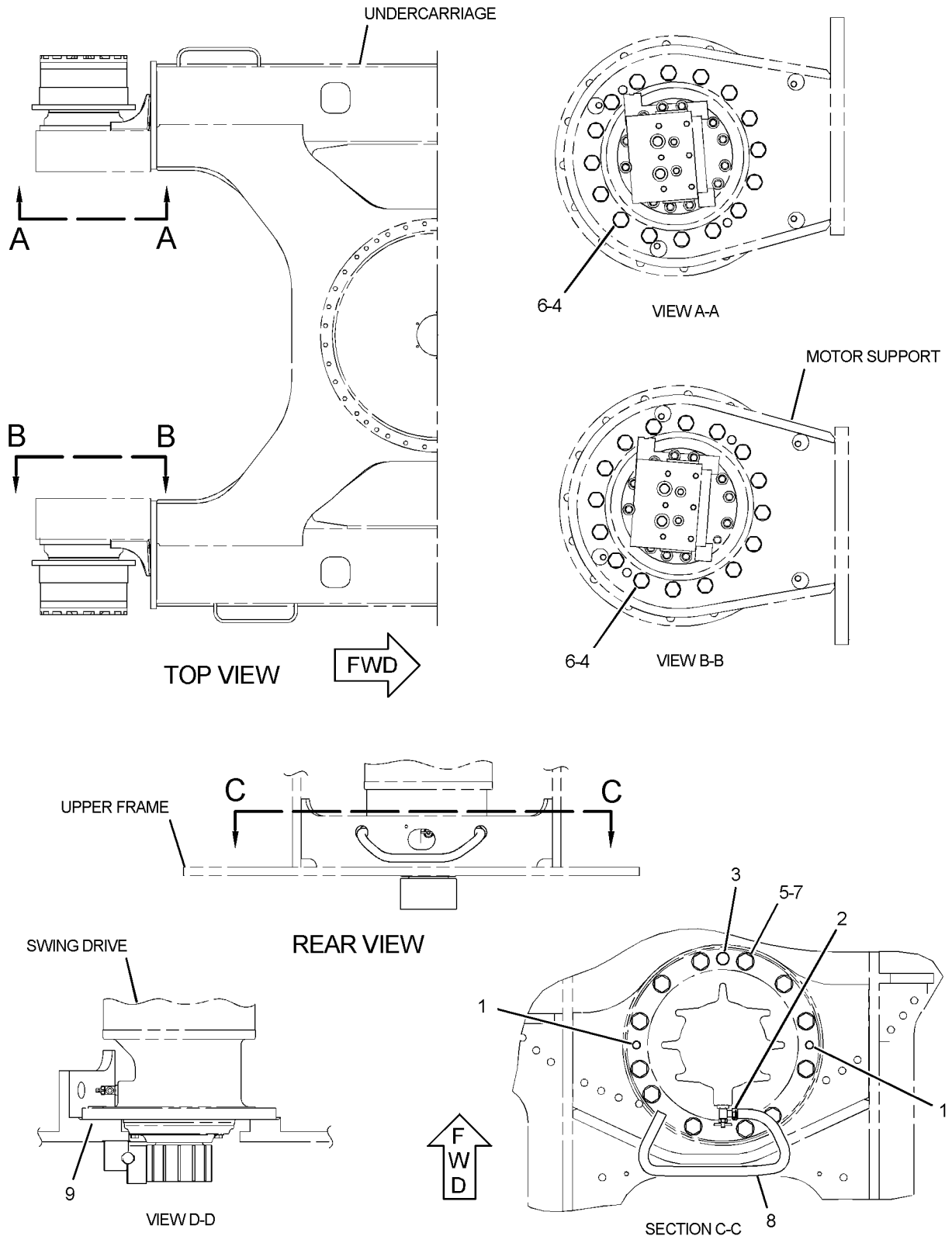
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	2Y-5503	2	CORK	
	2	1	5D-1026	1	CLAMP-HOSE	
	3	1	096-4755	1	PIN	
M	4	1	7X-2563	32	BOLT (M20X2.5X60-MM)	
M	5	1	7X-2576	12	BOLT (M24X3X70-MM)	
	6	1	8T-4123	32	WASHER (22X35X3.5-MM THK)	
	7	1	8T-4167	12	WASHER-HARD (26X44X4-MM THK)	
E	8	1	5P-0767		HOSE (90-CM)	
B	9	1	1U-8846	1	SEALANT-GASKET	

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

HYDRAULIC SYSTEM

227-6166 FASTENER GP-SWING & FINAL DR (contd.)

i02776476



GRAPHIC #1

<END>

g01224177

HYDRAULIC SYSTEM

158-8987 FILTER & VALVE GP-PILOT-HYDRAULIC OIL

S/N: A6F1-UP; A8F1-UP

PART OF 239-1711 TANK & FILTER GP-HYDRAULIC

SMCS-5072, 5092

i02699306

NOTE	PART NUMBER	QTY	PART NAME	SEE PAGE
			1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	188-2084	1	FILTER & VALVE GP-PILOT (HYDRAULIC OIL) (REQUIRES FILTER AS WITH 2-12-THD)	307
			-OR-	
Y	289-7836	1	FILTER & VALVE GP-PILOT (HYDRAULIC OIL) (REQUIRES FILTER AS WITH M45X2-THD)	308
Y-SEPARATE ILLUSTRATION				
<END>				

HYDRAULIC SYSTEM

188-2084 FILTER & VALVE GP-PILOT

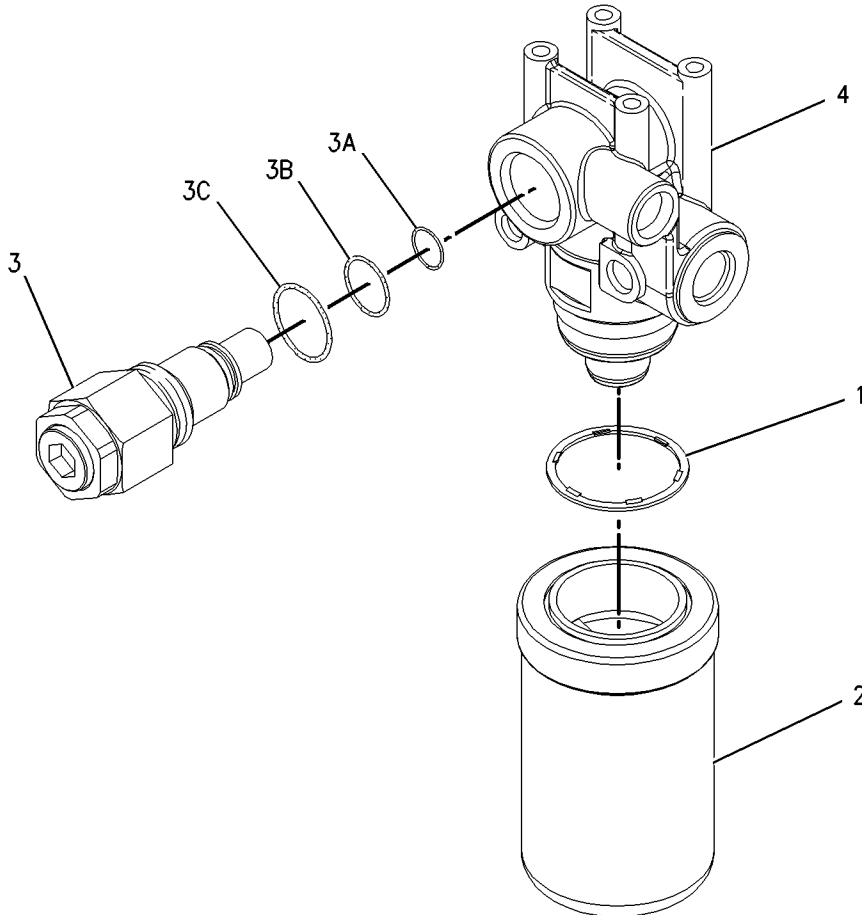
S/N: A6F1-UP; A8F1-UP

PART OF 158-8987 FILTER & VALVE GP-PILOT

SMCS-5072, 5092

i02603994

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	103-8236	1	RING						
	2	1	126-1813	1	FILTER AS-OIL (HYDRAULIC) (PILOT)						
	3	1	215-4909	1	VALVE GP-PILOT RELIEF						
	3A	1	095-1584	1	SEAL-O-RING						
	3B	1	095-1590	1	SEAL-O-RING						
	3C	1	095-1596	1	SEAL-O-RING						
Z	4	1		1	BASE						
Z-NOT SERVICED SEPARATELY											



GRAPHIC #1

<END>

g00949881

HYDRAULIC SYSTEM

289-7836 FILTER & VALVE GP-PILOT-HYDRAULIC OIL

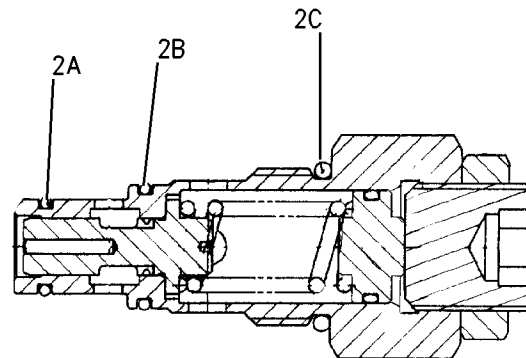
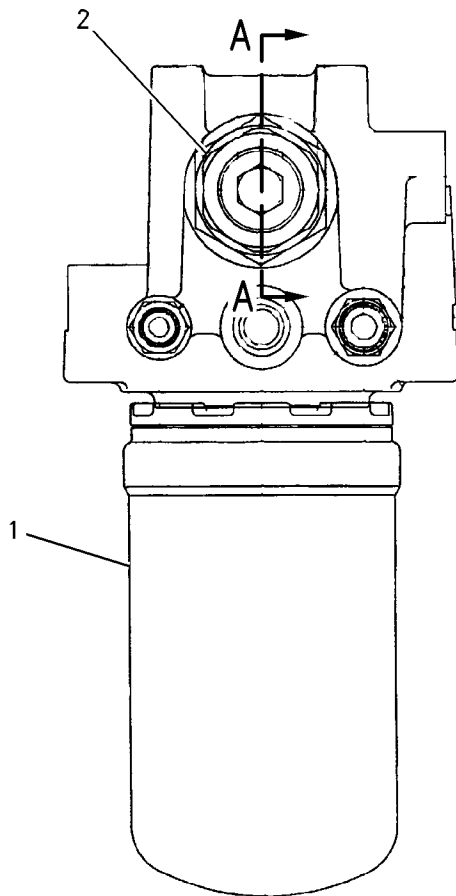
S/N: A6F1-UP; A8F1-UP

PART OF 158-8987 FILTER & VALVE GP-PILOT

SMCS-5072, 5092

i02603999

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5I-8670	1	FILTER AS-OIL (ADVANCED EFFICIENCY) (HYDRAULIC)						
	2	1	215-4909	1	VALVE GP-PILOT RELIEF						
	2A	1	095-1584	1	SEAL-O-RING						
	2B	1	095-1590	1	SEAL-O-RING						
	2C	1	095-1596	1	SEAL-O-RING						



SECTION A-A

GRAPHIC #1

<END>

g00842119

HYDRAULIC SYSTEM

188-4140 FILTER GP-OIL-HYDRAULIC, RETURN

S/N: A6F1-UP; A8F1-UP

PART OF 239-1711 TANK & FILTER GP-HYDRAULIC

SMCS-3004, 4295, 431F, 5068, 5091, 5092

i02496815

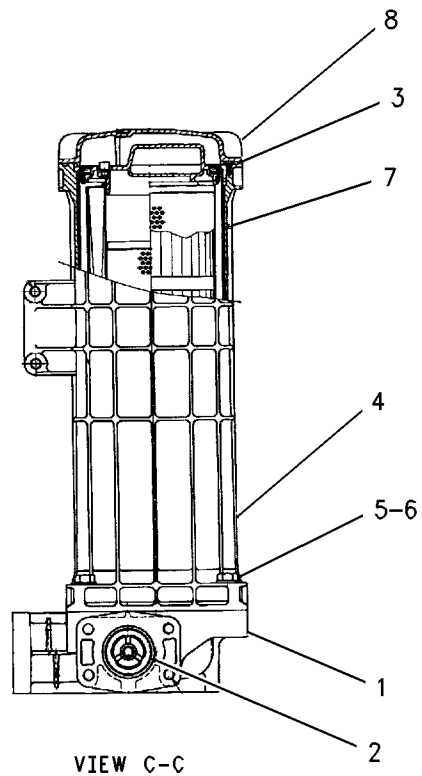
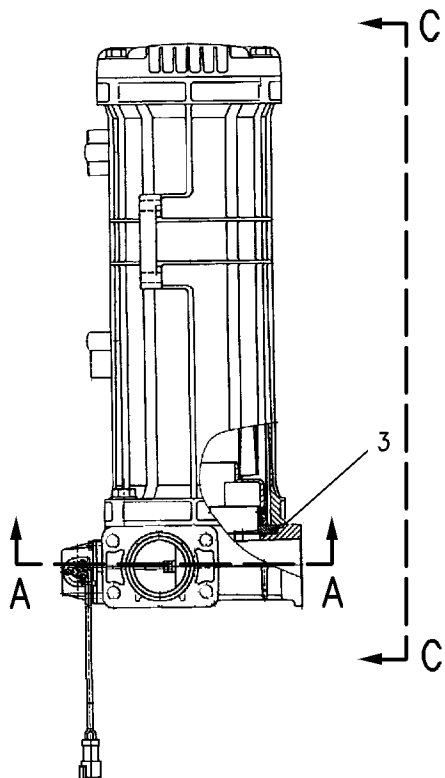
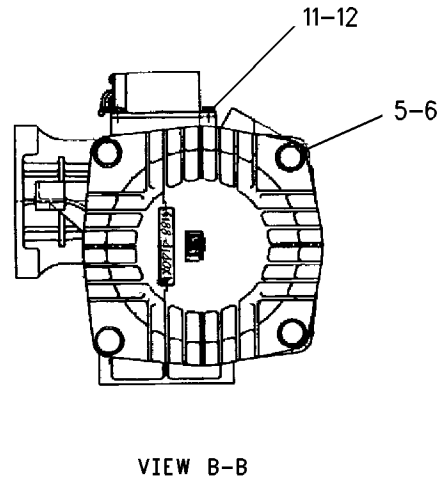
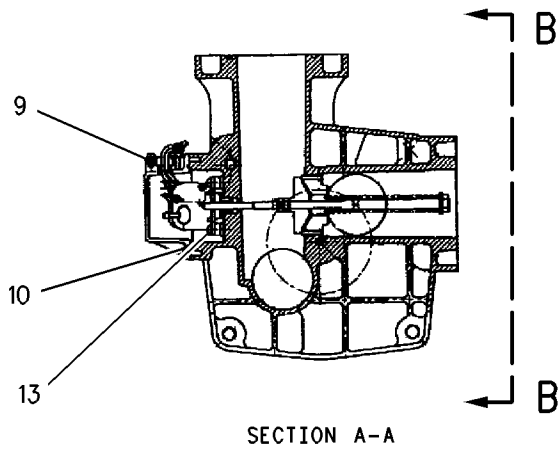
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	173-3503	1	BASE GP-OIL FILTER (HYDRAULIC)	282
	2	1	129-8034	1	VALVE AS-BYPASS	
	3	1	123-2003	2	SEAL-O-RING	
	4	1	173-3507	1	HOUSING AS	
M	5	1	8T-4194	8	BOLT (M12X1.75X50-MM)	311
	6	1	8T-4223	8	WASHER-HARD (13.5X25.5X3-MM THK)	
Y	7	1	188-4142	1	FILTER GP-OIL (HYDRAULIC RETURN)	
	8	1	173-3510	1	COVER	
	9	1	173-3518	1	INDICATOR AS (HYDRAULIC RETURN FILTER)	
	10	1	159-7784	1	SEAL-O-RING	
M	11	1	6V-4298	4	BOLT (M5X0.8X16-MM)	
	12	1	8T-0328	4	WASHER-HARD (5.5X10X1-MM THK)	
M	13	1	8T-6693	4	SCREW-MACHINE (M5X0.8X16-MM)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

188-4140 FILTER GP-OIL (contd.)

i02496815



HYDRAULIC SYSTEM

188-4142 FILTER GP-OIL-HYDRAULIC

S/N: A6F1-UP; A8F1-UP

PART OF 188-4140 FILTER GP-OIL

SMCS-3004, 4295, 431F, 5068, 5091, 5092

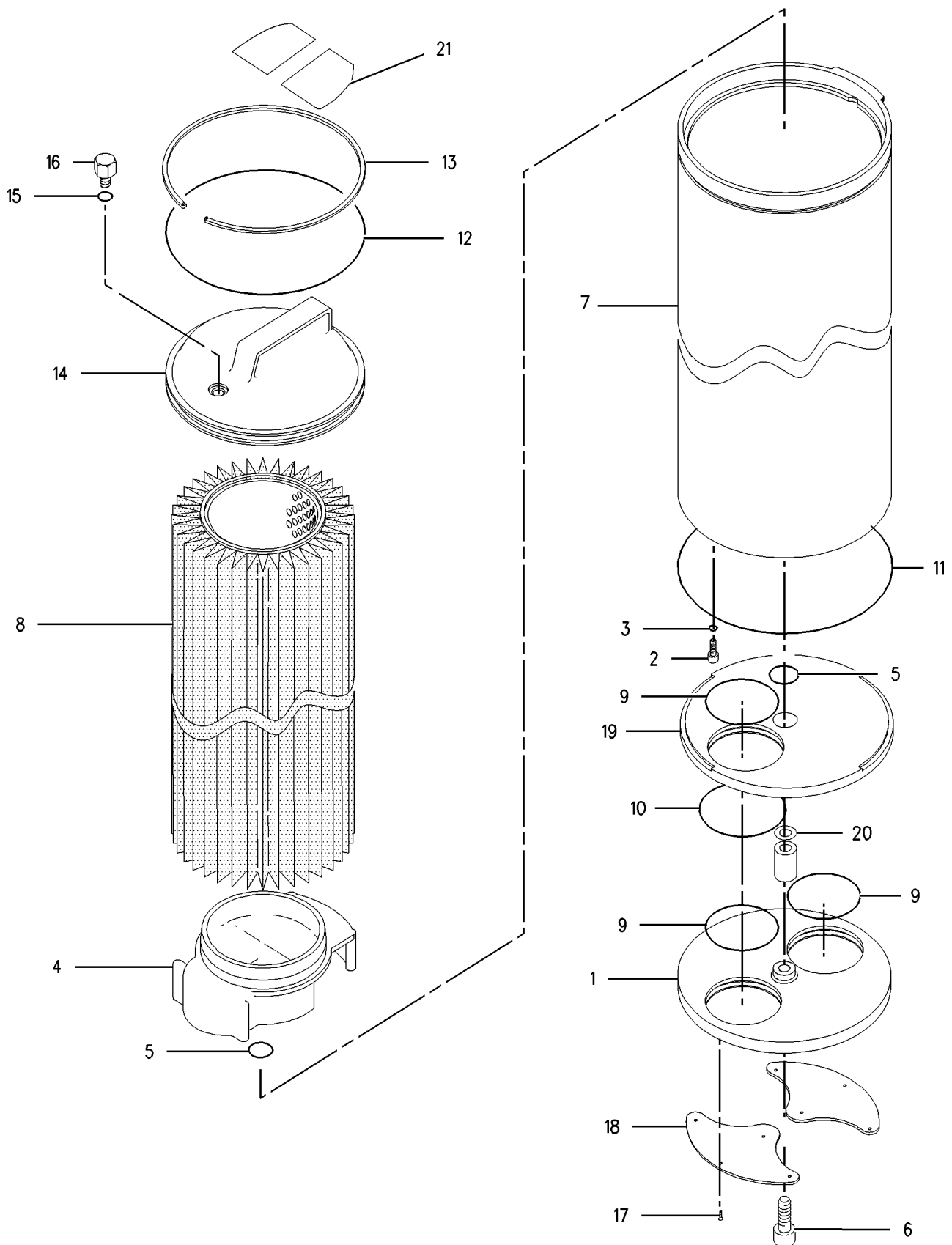
i02178159

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	204-2762	1	PLATE						
JM	2	1	173-3529	6	BOLT (M6X1X15-MM)						
J	3	1	3T-7528	6	SEAL-O-RING						
	4	1	173-3513	1	BASE						
J	5	1	3E-4297	2	SEAL-O-RING						
M	6	1	137-3626	1	BOLT-SHOULDER (M6X1X28.75-MM)						
Z	7	1		1	SHELL AS						
	8	1	179-9806	1	FILTER ELEMENT AS-OIL						
J	9	1	137-3623	4	SEAL-O-RING						
J	10	1	6V-7658	2	SEAL-O-RING						
J	11	1	177-2553	1	SEAL						
J	12	1	095-1681	1	SEAL-O-RING						
	13	1	173-3515	1	RING-RETAINING						
	14	1	173-3516	1	HANDLE						
J	15	1	4J-7533	1	SEAL-O-RING						
J	16	1	9S-4180	1	PLUG (5/16-24-THD)						
JM	17	1	137-3624	8	SCREW (M3X0.5X5-MM)						
J	18	1	137-3625	2	PAD						
	19	1	173-3517	1	PLATE						
BJ	20	1	137-3628	1	SHIM (0.1-MM THK)						
	21	1	188-4143	1	FILM-INSTRUCTION (HYDRAULIC OIL RETURN FILTER)						
AVAILABLE REPAIR KIT(S) :											
J			201-9299	1	KIT-SERVICE (HYDRAULIC FILTER)						
B-USE AS REQUIRED											
J-KIT MARKED J SERVICES PARTS MARKED J											
M-METRIC PART											
Z-NOT SERVICED SEPARATELY											

HYDRAULIC SYSTEM

188-4142 FILTER GP-OIL (contd.)

i02178159



GRAPHIC #1

<END>

g00923879

HYDRAULIC SYSTEM

289-8194 FILTER GP-OIL-HYDRAULIC, CASE DRAIN

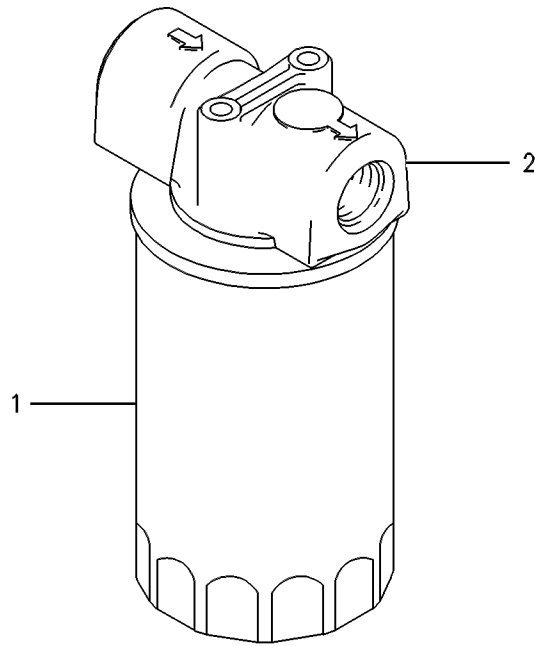
S/N: A6F1-UP; A8F1-UP

PART OF 239-1711 TANK & FILTER GP-HYDRAULIC

SMCS-3004, 4295, 431F, 5068, 5091, 5092

i02718378

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	093-7521	1	FILTER AS-OIL (ADVANCED EFFICIENCY)	
	2	1	289-8195	1	HEAD AS-FILTER	



GRAPHIC #1

<END>

g00258224

HYDRAULIC SYSTEM

214-4511 FITTING GP-HYDRAULIC

S/N: A6F1-UP; A8F1-UP

PART OF 239-1714 LINES GP-FRONT

SMCS-5057, 7553

i02378071

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	214-4400	1	FLANGE AS						
	5K-9090	1	SEAL - O - RING						
			-OR-						
	214-4518	1	FLANGE AS						
	148-8335	1	CONNECTOR AS						
	5K-9090	1	SEAL - O - RING						
	6V-8635	1	CONNECTOR						
	7M-8485	1	SEAL - O - RING						
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HYDRAULIC SYSTEM

227-0620 GAUGE GP-SIGHT-HYDRAULIC OIL LEVEL

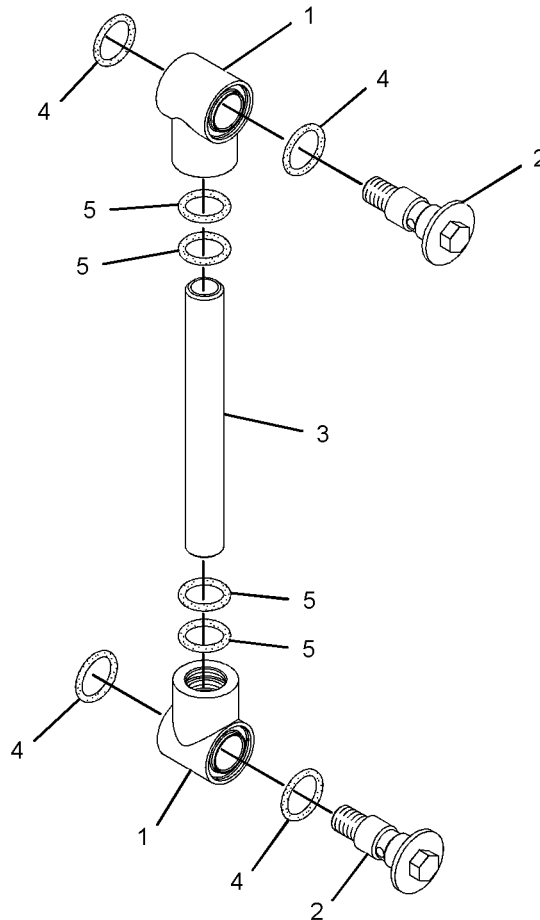
S/N: A6F1-UP; A8F1-UP

PART OF 239-1711 TANK & FILTER GP-HYDRAULIC

SMCS-7479

i02178125

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	236-3258	2	BLOCK						
	2	1	236-3259	2	BOLT-SPECIAL						
	3	1	236-3257	1	PIPE						
	4	1	095-1519	4	SEAL-O-RING						
	5	1	6F-4855	4	SEAL-O-RING						
M-METRIC PART											



GRAPHIC #1

<END>

g01091508

HYDRAULIC SYSTEM

256 - 0093 HEAD GP - PUMP-DRIVE

S/N: A6F1-UP; A8F1-UP

PART OF 272-6955 PUMP GP-MAIN HYDRAULIC

SMCS-3222, 5070, 5086

i02780303

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
B	1	1	099-3669	2	SHIM (1-MM THK)						
B		1	099-3670	2	SHIM (1.95-MM THK)						
B		1	099-6109	2	SHIM (1.05-MM THK)						
B		1	099-6110	2	SHIM (1.1-MM THK)						
B		1	099-6111	2	SHIM (1.15-MM THK)						
B		1	099-6112	2	SHIM (1.2-MM THK)						
B		1	099-6113	2	SHIM (1.25-MM THK)						
B		1	099-6115	2	SHIM (1.3-MM THK)						
B		1	099-6117	2	SHIM (1.35-MM THK)						
B		1	099-6118	2	SHIM (1.4-MM THK)						
B		1	099-6119	2	SHIM (1.45-MM THK)						
B		1	099-6120	2	SHIM (1.5-MM THK)						
B		1	099-6121	2	SHIM (1.55-MM THK)						
B		1	099-6122	2	SHIM (1.6-MM THK)						
B		1	099-6123	2	SHIM (1.65-MM THK)						
B		1	099-6124	2	SHIM (1.7-MM THK)						
B		1	099-6125	2	SHIM (1.75-MM THK)						
B		1	099-6126	2	SHIM (1.8-MM THK)						
B		1	099-6127	2	SHIM (1.85-MM THK)						
B		1	099-6128	2	SHIM (1.9-MM THK)						
	2	1	9S-4191	1	PLUG-O-RING						
	3	1	8T-4223	6	WASHER-HARD (13.5X25.5X3-MM THK)						
M	4	1	8T-4196	2	BOLT (M10X1.5X35-MM)						
M	5	1	8T-4136	2	BOLT (M10X1.5X25-MM)						
M	6	1	8T-4133	1	NUT (M10X1.5-THD)						
M	7	1	7I-2272	2	BOLT (M5X0.8X12-MM)						
Y	8	1	111-9916	1	VALVE GP-SOLENOID						552
	9	1	173-3398	1	COVER						
	10	1	200-3244	1	SPRING						
	11	1	200-3245	1	SPRING						
	12	1	200-3246	1	SPRING						
	13	1	215-9961	1	STOPPER						
	14	1	215-9962	1	STOPPER						
	15	1	225-4607	2	SETSCREW (M20X2.5X45-MM)						
	16	1	234-4452	1	COVER						
	17	1	234-4453	1	COVER						
	18	1	273-8316	1	SEAL-O-RING						
	19	1	273-8317	1	SEAL-O-RING						
	20	1	273-8318	1	SEAL-O-RING						
	21	1	273-8319	1	SEAL-O-RING						
	22	1	285-4470	1	SEAL-O-RING						
	23	1	300-9715	1	BODY AS						
	24	1	301-6874	1	RETAINER						
	25	1	301-8294	1	ADJUSTER						
	26	1	094-1875	1	DOWEL						
	27	1	094-1881	1	PLATE-SLIDE						
	28	1	094-1882	13	PLUG						
	29	1	095-1788	1	RING-BACKUP						
M	30	1	8T-4131	1	NUT (M20X2.5-THD)						
M	31	1	6V-8200	6	BOLT-SOCKET HEAD (M12X1.75X35-MM)						
	32	1	099-3671	1	SPRING						
	33	1	3J-1907	2	SEAL-O-RING						
	34	1	3D-2891	1	BALL						
M	35	1	200-3255	1	NUT (M20X1.5-THD)						
	36	1	191-5707	1	SPOOL AS						
	37	1	190-7674	1	SEAL-O-RING						

HYDRAULIC SYSTEM

256-0093 HEAD GP - PUMP (contd.)

i02780303

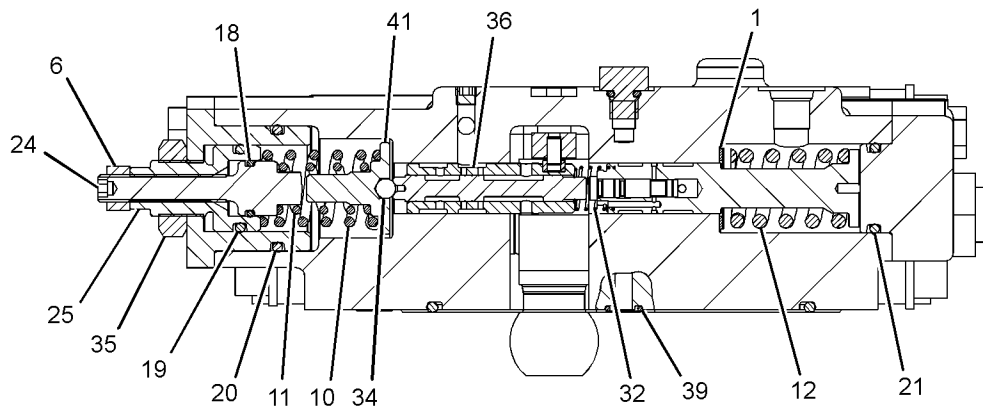
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	38	1	190-7673	1	SEAL-O-RING						
	39	1	189-9763	3	SEAL-O-RING						
	40	1	185-0201	1	PIN AS						
		1	129-7978	1	DOWEL						
	41	1	185-0169	1	GUIDE						
	42	1	173-3413	1	COVER						
	43	1	173-3397	1	LEVER						
	44	1	173-3384	1	PISTON						
	45	1	150-5797	1	PIN						
	46	1	153-8623	1	RING-BACKUP						

B-USE AS REQUIRED
M-METRIC PART
Y-SEPARATE ILLUSTRATION

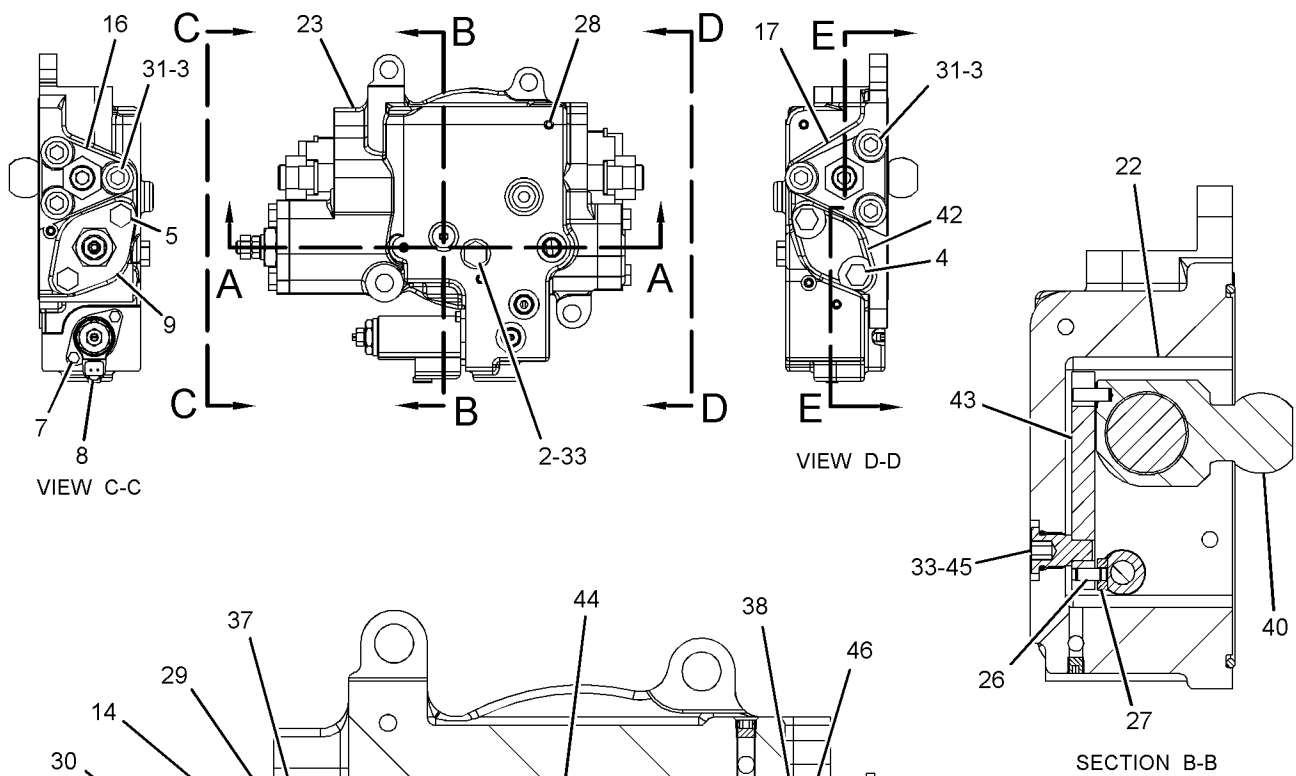
HYDRAULIC SYSTEM

256-0093 HEAD GP - PUMP (contd.)

i02780303



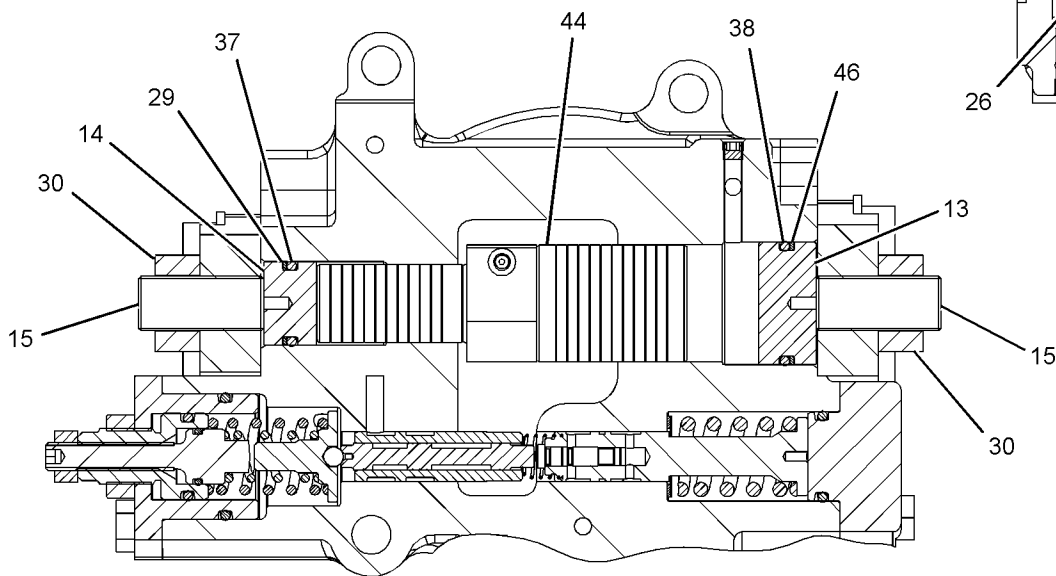
SECTION A-A



VIEW C-C

VIEW D-D

SECTION B-B



SECTION E-E

GRAPHIC #1

<END>

g01392644

HYDRAULIC SYSTEM

256-0096 HEAD GP - PUMP-DRIVEN

S/N: A6F1-UP; A8F1-UP

PART OF 272-6955 PUMP GP-MAIN HYDRAULIC

SMCS-3222, 5070, 5086

i02780398

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
B	1	2	099-3669	2	SHIM (1-MM THK)						
B		2	099-3670	2	SHIM (1.95-MM THK)						
B		2	099-6109	2	SHIM (1.05-MM THK)						
B		2	099-6110	2	SHIM (1.1-MM THK)						
B		2	099-6111	2	SHIM (1.15-MM THK)						
B		2	099-6112	2	SHIM (1.2-MM THK)						
B		2	099-6113	2	SHIM (1.25-MM THK)						
B		2	099-6115	2	SHIM (1.3-MM THK)						
B		2	099-6117	2	SHIM (1.35-MM THK)						
B		2	099-6118	2	SHIM (1.4-MM THK)						
B		2	099-6119	2	SHIM (1.45-MM THK)						
B		2	099-6120	2	SHIM (1.5-MM THK)						
B		2	099-6121	2	SHIM (1.55-MM THK)						
B		2	099-6122	2	SHIM (1.6-MM THK)						
B		2	099-6123	2	SHIM (1.65-MM THK)						
B		2	099-6124	2	SHIM (1.7-MM THK)						
B		2	099-6125	2	SHIM (1.75-MM THK)						
B		2	099-6126	2	SHIM (1.8-MM THK)						
B		2	099-6127	2	SHIM (1.85-MM THK)						
B		2	099-6128	2	SHIM (1.9-MM THK)						
	2	1, 2	8T-4223	6	WASHER-HARD (13.5X25.5X3-MM THK)						
M	3	1	8T-4196	2	BOLT (M10X1.5X35-MM)						
M	4	2	8T-4136	2	BOLT (M10X1.5X25-MM)						
M	5	2	8T-4133	1	NUT (M10X1.5-THD)						
M	6	1, 2	6V-8200	6	BOLT-SOCKET HEAD (M12X1.75X35-MM)						
	7	2	3J-1907	1	SEAL-O-RING						
	8	2	173-3398	1	COVER						
	9	2	200-3244	1	SPRING						
	10	2	200-3245	1	SPRING						
	11	2	200-3246	1	SPRING						
	12	1	215-9961	1	STOPPER						
	13	1	215-9962	1	STOPPER						
	14	1	225-4607	2	SETSCREW (M20X2.5X45-MM)						
	15	2	234-4452	1	COVER						
	16	1	234-4453	1	COVER						
	17	2	273-8316	1	SEAL-O-RING						
	18	2	273-8317	1	SEAL-O-RING						
	19	2	273-8318	1	SEAL-O-RING						
	20	2	273-8319	1	SEAL-O-RING						
	21	2	285-4470	1	SEAL-O-RING						
	22	1	300-9716	1	BODY AS						
	23	2	301-6874	1	RETAINER						
	24	2	301-8294	1	ADJUSTER						
	25	2	094-1875	1	DOWEL						
	26	2	094-1881	1	PLATE-SLIDE						
	27	1	094-1882	9	PLUG						
	28	1	095-1788	1	RING-BACKUP						
M	29	1	8T-4131	2	NUT (M20X2.5-THD)						
	30	2	3D-2891	1	BALL						
	31	2	099-3671	1	SPRING						
M	32	2	200-3255	1	NUT (M20X1.5-THD)						
	33	2	191-5707	1	SPOOL AS						
	34	1	190-7674	1	SEAL-O-RING						
	35	1	190-7673	1	SEAL-O-RING						
	36	2	189-9763	3	SEAL-O-RING						
	37	2	185-0201	1	PIN AS						

HYDRAULIC SYSTEM

256-0096 HEAD GP - PUMP (contd.)

i02780398

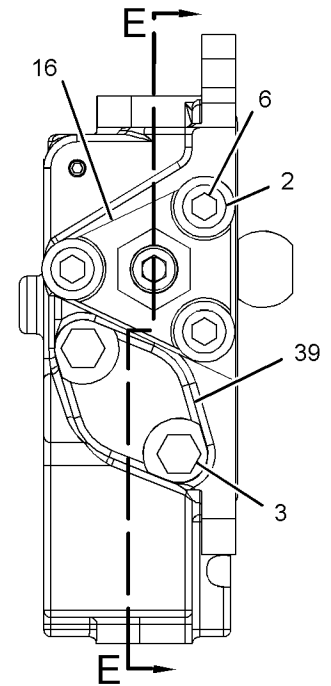
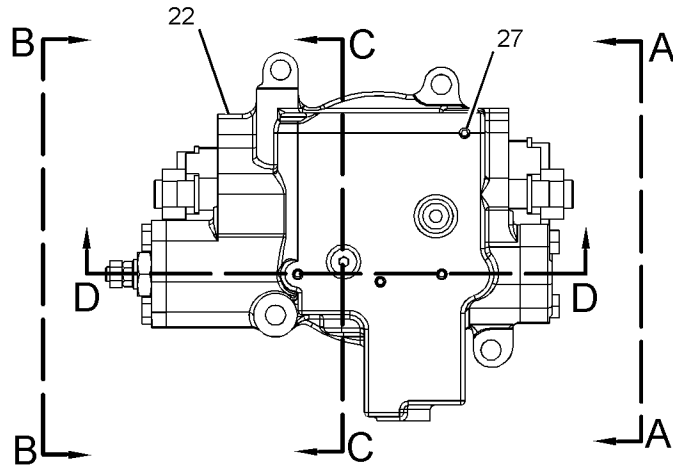
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	129-7978	1	DOWEL						
	38	2	185-0169	1	GUIDE						
	39	1	173-3413	1	COVER						
	40	2	173-3397	1	LEVER						
	41	1	173-3384	1	PISTON						
	42	1	153-8623	1	RING-BACKUP						
	43	2	150-5797	1	PIN						
B-USE AS REQUIRED											
M-METRIC PART											

HYDRAULIC SYSTEM

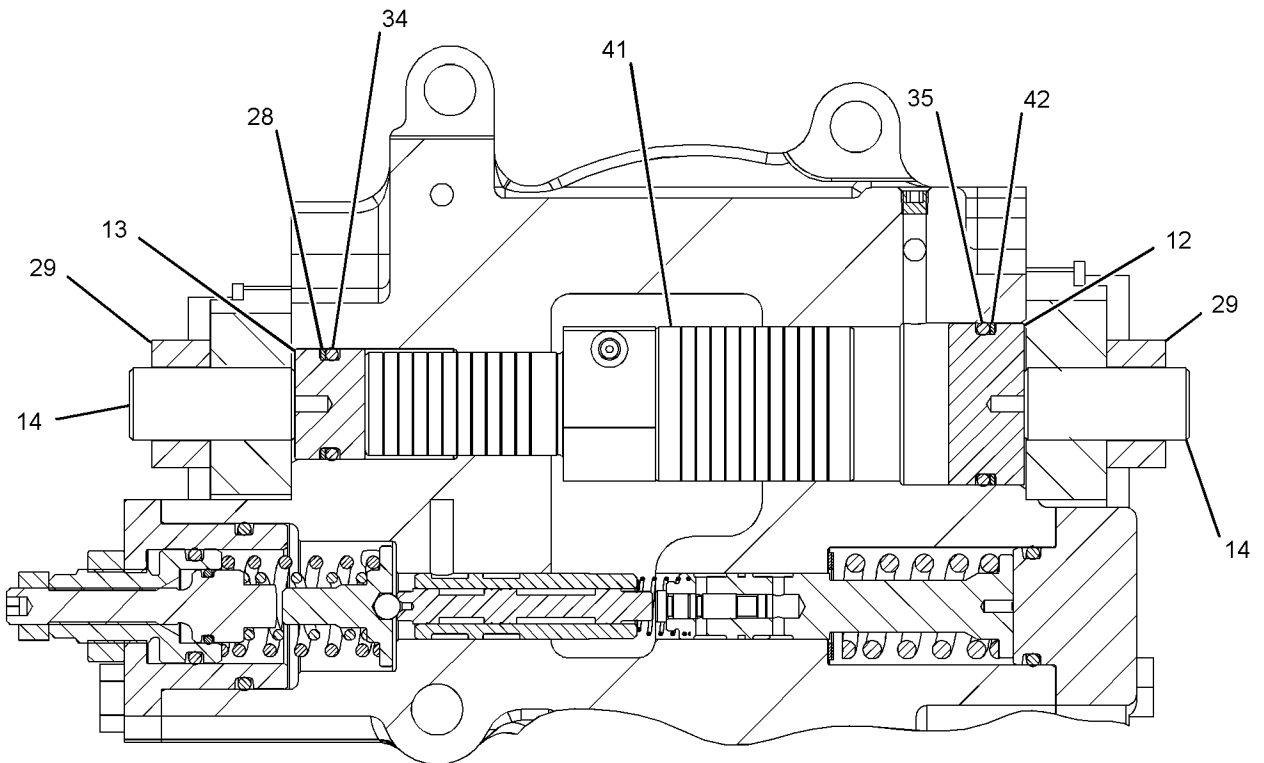
256-0096 HEAD GP - PUMP (contd.)

i02780398

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



VIEW A-A



SECTION E-E

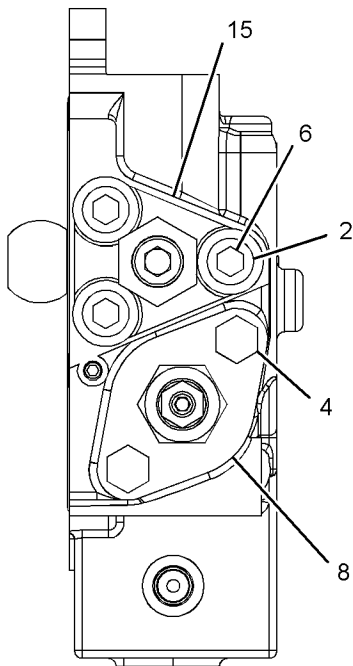
GRAPHIC #1

g01393331

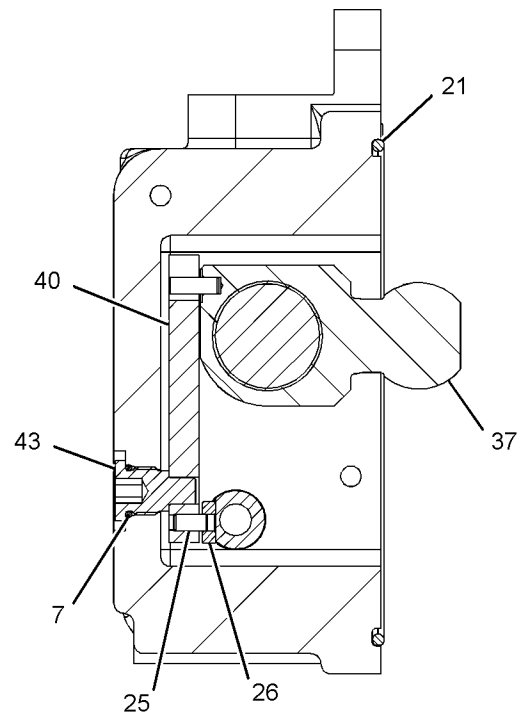
HYDRAULIC SYSTEM

256-0096 HEAD GP - PUMP (contd.)

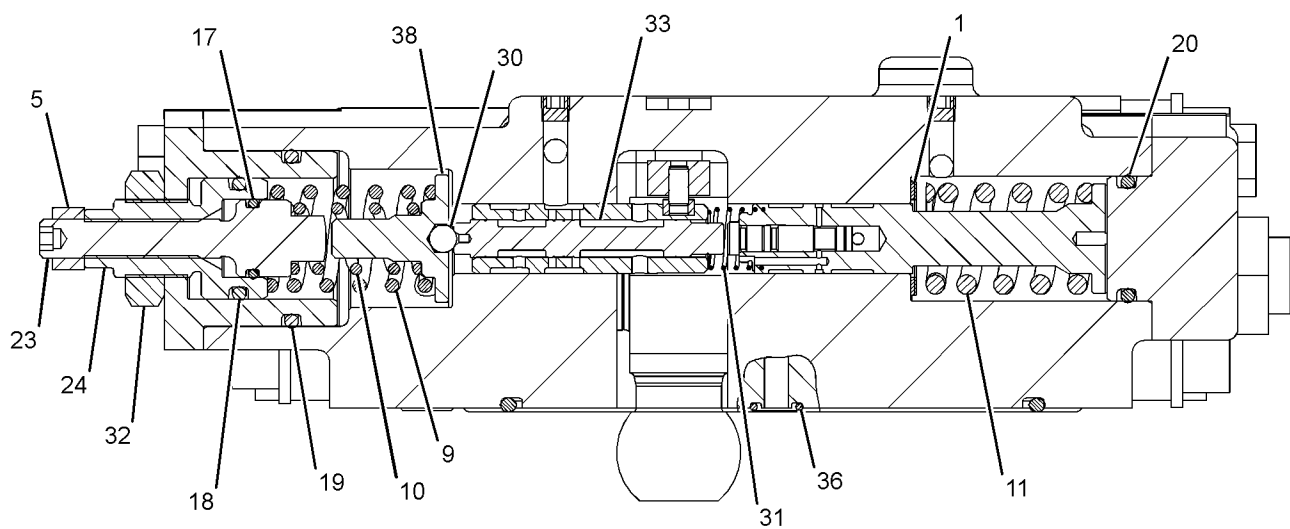
i02780398



VIEW B-B



SECTION C-C



SECTION D-D

GRAPHIC #2

<END>

g01393359

HYDRAULIC SYSTEM

194-0174 HOSE GP - HYDRAULIC

S/N: A6F1-UP; A8F1-UP

PART OF 239-1714 LINES GP-FRONT

SMCS-5057

i02378005

NOTE	PART NUMBER	QTY	PART NAME	SEE PAGE
			1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	194-0176	1	HOSE GP-HYDRAULIC	324
			-OR-	
	168-9760	1	HOSE GP-HYDRAULIC	
Y-SEPARATE ILLUSTRATION				
<END>				

HYDRAULIC SYSTEM

194-0176 HOSE GP-HYDRAULIC-FRONT

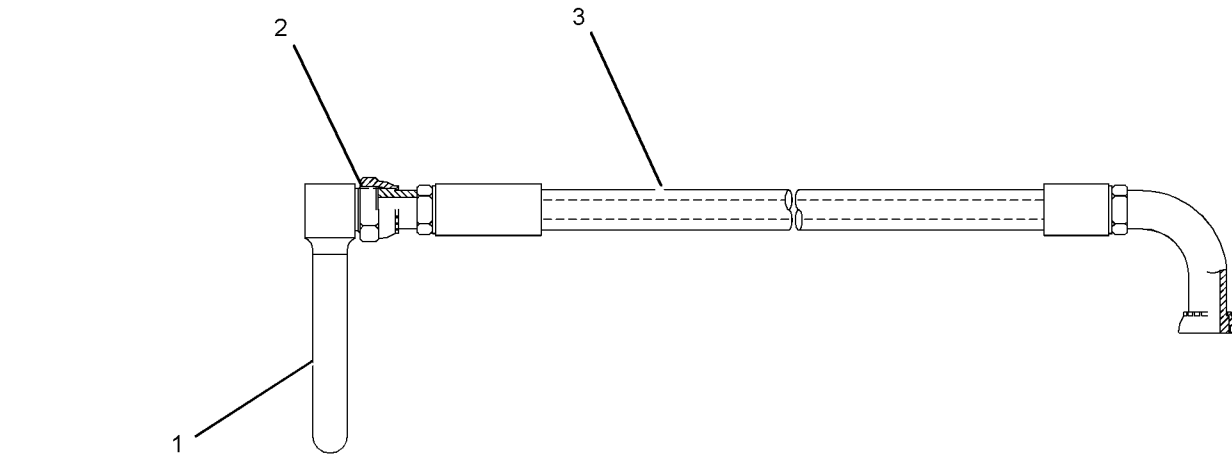
S/N: A6F1-UP; A8F1-UP

PART OF 194-0174 HOSE GP-HYDRAULIC

SMCS-5057

i02378061

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	142-7765	1	TUBE AS						
	2	1	5K-9090	1	SEAL -O- RING						
I	3	1	165-3165	1	HOSE AS						
I-REFER TO HYDRAULIC INFORMATION SYSTEM											



GRAPHIC #1

<END>

g01041998

HYDRAULIC SYSTEM

194-0180 HOSE GP-HYDRAULIC-FRONT

S/N: A6F1-UP; A8F1-UP

PART OF 239-1714 LINES GP-FRONT

SMCS-5057

i02378085

NOTE	PART NUMBER	QTY	PART NAME	SEE PAGE
			1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	194-0181	1	HOSE GP-HYDRAULIC	326
			-OR-	
Y	194-0182	1	HOSE GP-HYDRAULIC	327
Y-SEPARATE ILLUSTRATION				

<END>

HYDRAULIC SYSTEM

194-0181 HOSE GP-HYDRAULIC-FRONT

S/N: A6F1-UP; A8F1-UP

PART OF 194-0180 HOSE GP-HYDRAULIC

SMCS-5057

i02662568

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	168-9762	1	HOSE AS						
	2	1	8C-3206	2	FLANGE-HALF						
	3	1	4J-0520	1	SEAL-O-RING						



GRAPHIC #1

<END>

g01049500

HYDRAULIC SYSTEM

194-0182 HOSE GP-HYDRAULIC-FRONT

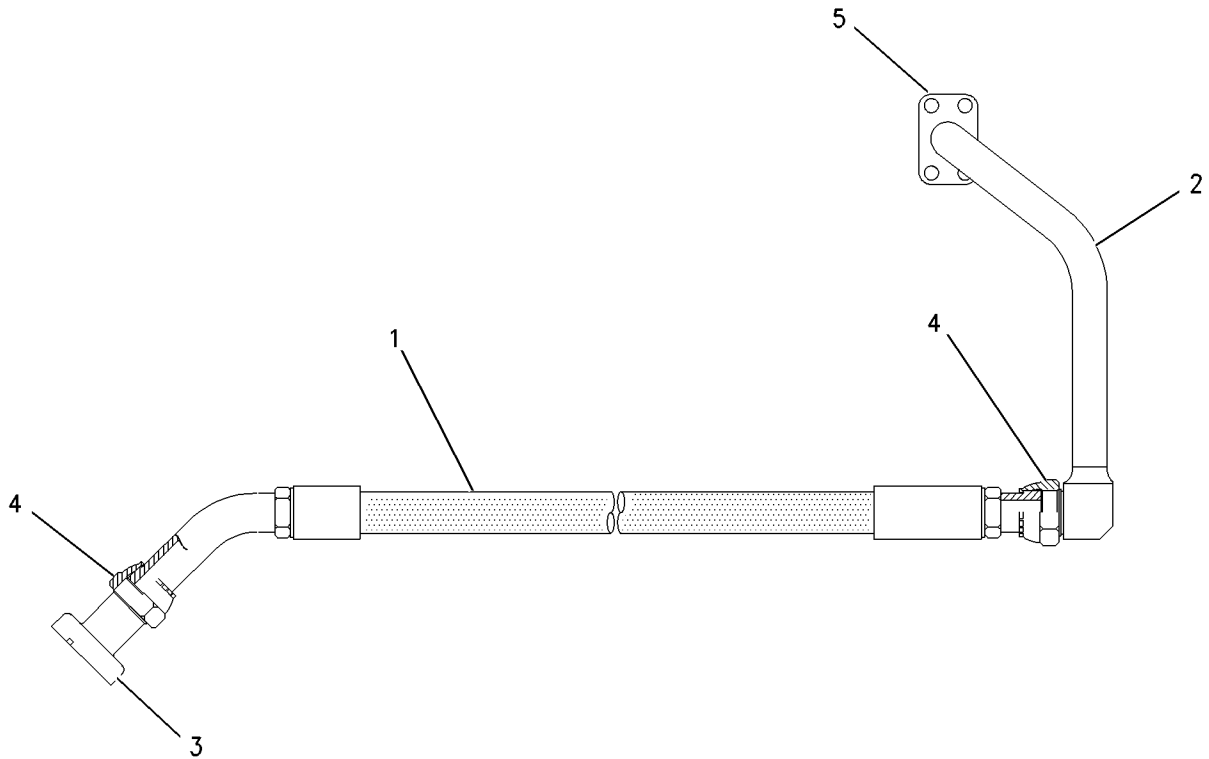
S/N: A6F1-UP; A8F1-UP

PART OF 194-0180 HOSE GP-HYDRAULIC

SMCS-5057

i02378159

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	165-3173	1	HOSE AS						
	2	1	168-9523	1	TUBE AS						
	3	1	113-6479	1	FLANGE - SPECIAL						
	4	1	5K-9090	2	SEAL - O-RING						
	5	1	1P-3703	1	SEAL - RECTANGULAR						
I-REFER TO HYDRAULIC INFORMATION SYSTEM											



GRAPHIC #1

<END>

g00834662

HYDRAULIC SYSTEM

236 - 3212 HOSE GP - HYDRAULIC

S/N: A6F1-UP; A8F1-UP

PART OF 239-1714 LINES GP-FRONT

SMCS - 5057

i02302698

NOTE	PART NUMBER	QTY	PART NAME	SEE PAGE
			1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	236-3214	1	HOSE GP - HYDRAULIC	329
			-OR-	
	207-6666	1	HOSE AS	
BE	7Y-5074		GUARD - HOSE	
B - USE AS REQUIRED E - ORDER BY THE CENTIMETER Y - SEPARATE ILLUSTRATION				

<END>

236 - 3213 HOSE GP - HYDRAULIC

S/N: A6F1-UP; A8F1-UP

PART OF 239-1714 LINES GP-FRONT

SMCS - 5057

i02302701

NOTE	PART NUMBER	QTY	PART NAME	SEE PAGE
			1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	236-3215	1	HOSE GP - HYDRAULIC	330
			-OR-	
	207-6667	1	HOSE AS	
BE	7Y-5074		GUARD - HOSE	
B - USE AS REQUIRED E - ORDER BY THE CENTIMETER Y - SEPARATE ILLUSTRATION				

<END>

HYDRAULIC SYSTEM

236-3214 HOSE GP-HYDRAULIC

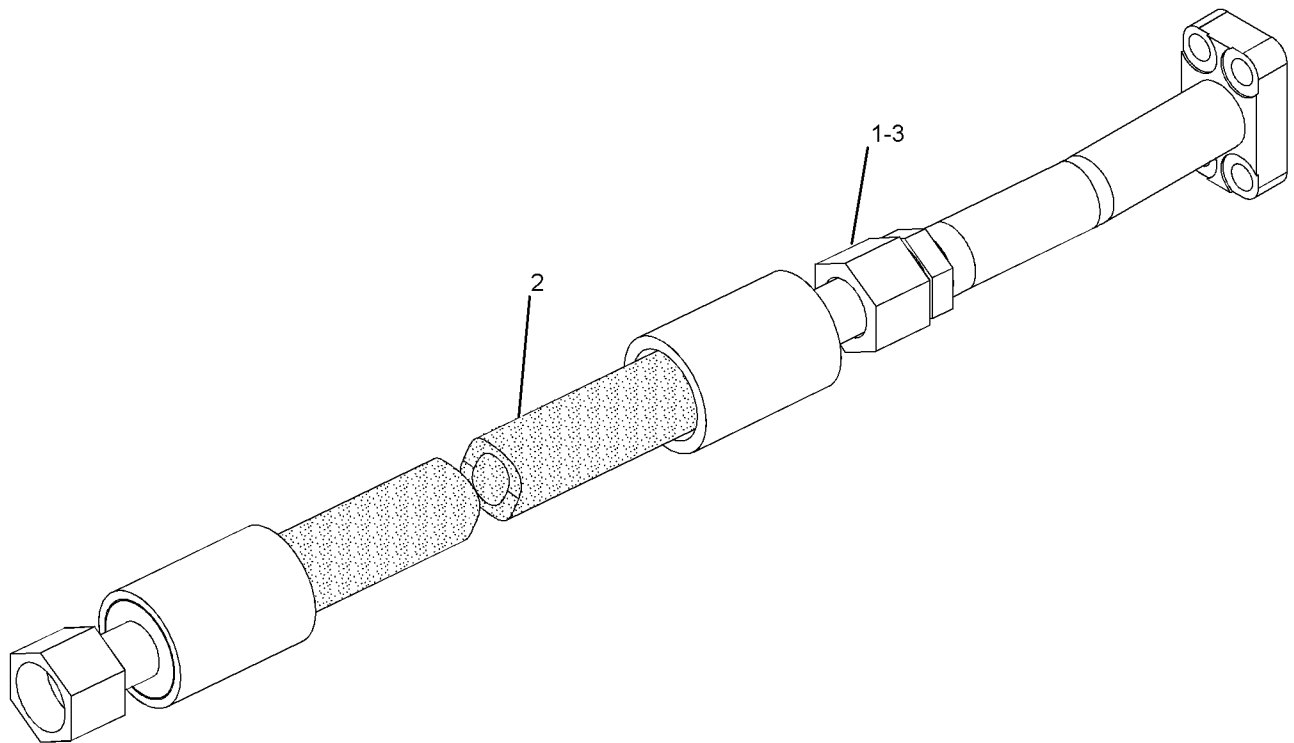
S/N: A6F1-UP; A8F1-UP

PART OF 236-3212 HOSE GP-HYDRAULIC

SMCS-5057

i02302709

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7Y-3721	1	TUBE AS						
I	2	1	187-5954	1	HOSE AS						
	3	1	6V-9746	1	SEAL - O - RING						
I - REFER TO HYDRAULIC INFORMATION SYSTEM											



GRAPHIC #1

<END>

g01133931

HYDRAULIC SYSTEM

236-3215 HOSE GP-HYDRAULIC

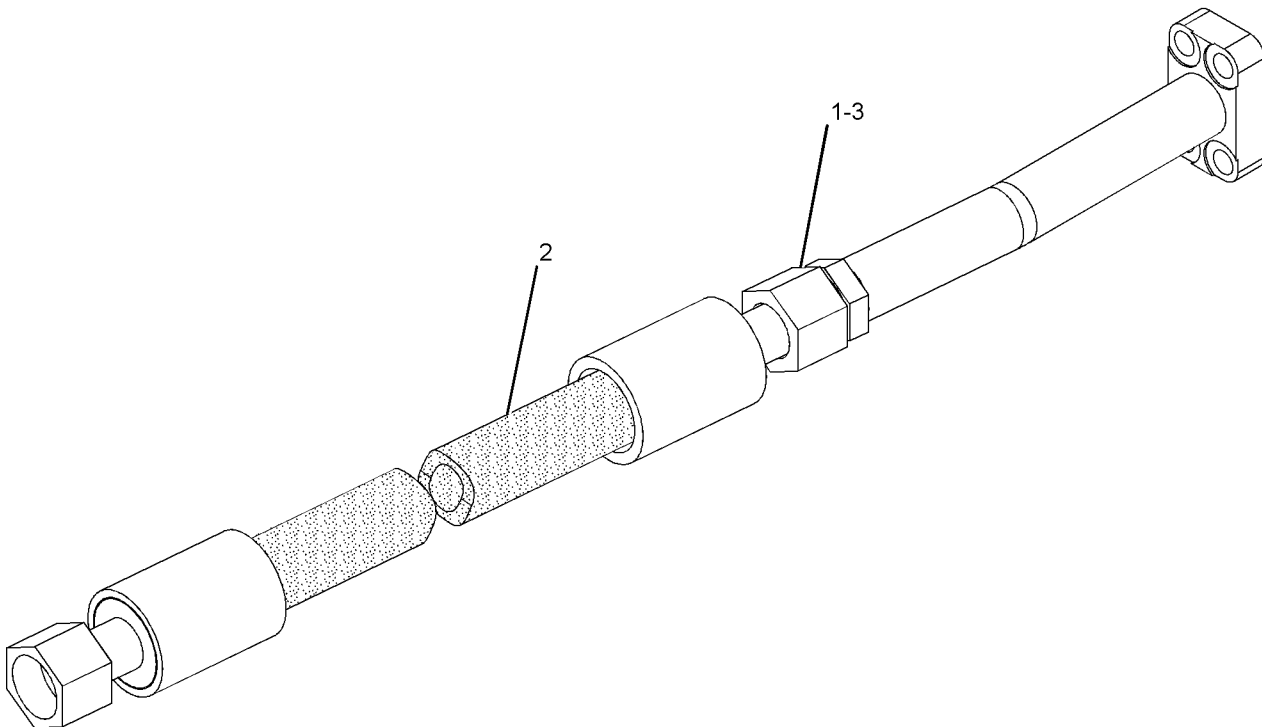
S/N: A6F1-UP; A8F1-UP

PART OF 236-3213 HOSE GP-HYDRAULIC

SMCS-5057

i02302711

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	137-0856	1	TUBE AS						
I	2	1	187-5954	1	HOSE AS						
	3	1	6V-9746	1	SEAL-O-RING						
I-REFER TO HYDRAULIC INFORMATION SYSTEM											



GRAPHIC #1

<END>

g01133918

HYDRAULIC SYSTEM

260-7910 HOSE GP-HYDRAULIC-FRONT

S/N: A6F1-UP; A8F1-UP

PART OF 239-1714 LINES GP-FRONT

SMCS-5057

i02575392

NOTE	PART NUMBER	QTY	PART NAME	SEE PAGE
			1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	260-7911	1	HOSE GP-HYDRAULIC (FRONT)	332
			-OR-	
Y	260-7913	1	HOSE GP-HYDRAULIC (FRONT)	333
Y-SEPARATE ILLUSTRATION				

<END>

HYDRAULIC SYSTEM

260-7911 HOSE GP - HYDRAULIC

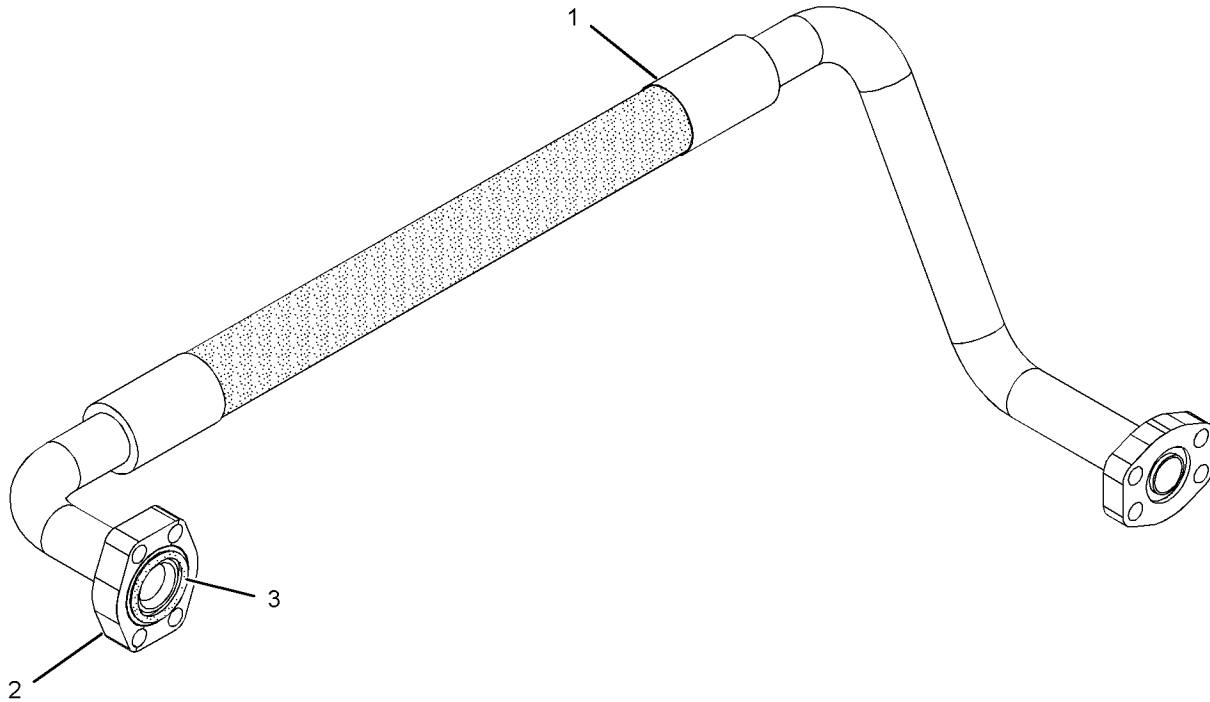
S/N: A6F1-UP; A8F1-UP

PART OF 260-7910 HOSE GP - HYDRAULIC

SMCS-5057

i02575396

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	260-7912	1	HOSE AS						
	2	1	1P-4577	2	FLANGE - HALF						
	3	1	4J-0520	1	SEAL-O-RING						



GRAPHIC #1

<END>

g01277264

HYDRAULIC SYSTEM

260-7913 HOSE GP - HYDRAULIC

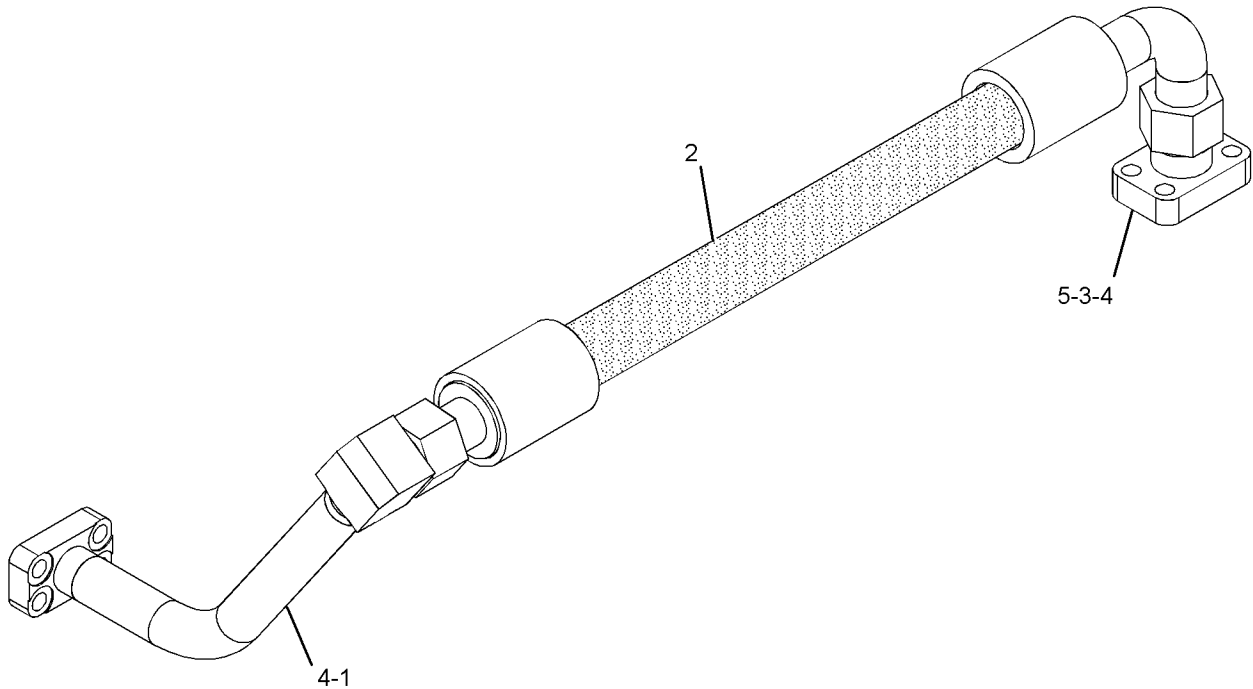
S/N: A6F1-UP; A8F1-UP

PART OF 260-7910 HOSE GP - HYDRAULIC

SMCS-5057

i02575397

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	142-7764	1	TUBE AS						
	2	1	260-7914	1	HOSE AS						
	3	1	1P-3703	1	SEAL - RECTANGULAR						
	4	1	5K-9090	2	SEAL - O-RING						
	5	1	7Y-3731	1	FLANGE						
I-REFER TO HYDRAULIC INFORMATION SYSTEM											



GRAPHIC #1

<END>

g01277324

HYDRAULIC SYSTEM

285 - 1354 HYDRAULIC AR

S/N: A6F1-UP

PART OF 264-8626 GENERAL AR

SMCS-5050

i02781533

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	239-1699	1	LINES GP-BOOM CYLINDER						360
Y	239-1714	1	LINES GP-FRONT						375
Y	248-9846	1	LINES GP-HYDRAULIC OIL COOLER (MAIN PUMP)						398
Y	248-9848	1	LINES GP-HYDRAULIC OIL COOLER						401
Y	248-9825	1	LINES GP-PILOT (JOYSTICK, PEDALS)						402
Y	248-9850	1	LINES GP-PILOT (MAIN CONTROL VALVE)						406
Y	248-9851	1	LINES GP-PILOT (MAIN CONTROL VALVE)						408
Y	248-9852	1	LINES GP-PILOT (FILTER, PILOT PUMP)						412
Y	248-9847	1	LINES GP-PUMP (SUPPLY, MAIN PUMP)						444
Y	239-1716	1	LINES GP-TRAVEL MOTOR						451
Y	260-7868	1	MOUNTING GP-MAIN CONTROL VALVE						467
Y	279-7869	1	PUMP & MTG GP-MAIN HYDRAULIC						473
Y	239-1710	1	TANK & MTG GP-HYDRAULIC						484
Y	259-7464	1	VALVE GP-MAIN CONTROL						521

Y-SEPARATE ILLUSTRATION

<END>

285 - 1355 HYDRAULIC AR

S/N: A8F1-UP

PART OF 264-8627 GENERAL AR

SMCS-5050

i02778406

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	239-1699	1	LINES GP-BOOM CYLINDER						360
Y	239-1714	1	LINES GP-FRONT						375
Y	248-9846	1	LINES GP-HYDRAULIC OIL COOLER (MAIN PUMP)						398
Y	248-9848	1	LINES GP-HYDRAULIC OIL COOLER						401
Y	248-9825	1	LINES GP-PILOT (JOYSTICK, PEDALS)						402
Y	248-9850	1	LINES GP-PILOT (MAIN CONTROL VALVE)						406
Y	248-9851	1	LINES GP-PILOT (MAIN CONTROL VALVE)						408
Y	248-9852	1	LINES GP-PILOT (FILTER, PILOT PUMP)						412
Y	248-9847	1	LINES GP-PUMP (SUPPLY, MAIN PUMP)						444
Y	239-1717	1	LINES GP-TRAVEL MOTOR						453
Y	260-7868	1	MOUNTING GP-MAIN CONTROL VALVE						467
Y	279-7869	1	PUMP & MTG GP-MAIN HYDRAULIC						473
Y	239-1710	1	TANK & MTG GP-HYDRAULIC						484
Y	259-7464	1	VALVE GP-MAIN CONTROL						521

Y-SEPARATE ILLUSTRATION

<END>

HYDRAULIC SYSTEM

237-3184 LINES GP-AUXILIARY HYDRAULIC-HIGH FLOW

S/N: A6F1-UP; A8F1-UP
2.4 TO 2.5-M (7.9 TO 8.2-FT) STICK
AN ATTACHMENT

SMCS-5057

i02793207

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	127-6780	1	TUBE AS						
	2	1	142-6582	1	TUBE AS						
	3	1	173-7916	4	CLAMP-HALF						
I	4	1	253-6694	1	HOSE AS						
I	5	1	253-6697	1	HOSE AS						
Y	6	1	277-0954	2	VALVE GP-MANUAL (AUXILIARY, SHUTOFF)						523
	7	1	1P-3703	3	SEAL-RECTANGULAR						
	8	1	1P-3704	3	SEAL-RECTANGULAR						
	9	1	1P-5767	4	FLANGE-HALF						
	10	1	6V-0400	4	FLANGE-HALF						
	11	1	7Y-4538	4	CLAMP-HALF						
	12	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	13	1	8T-4139	8	BOLT (M12X1.75X30-MM)						
M	14	1	8T-4183	4	BOLT (M12X1.75X40-MM)						
M	15	1	8T-4184	8	BOLT (M12X1.75X45-MM)						
M	16	1	8T-4194	8	BOLT (M12X1.75X50-MM)						
	17	1	8T-4223	24	WASHER-HARD (13.5X25.5X3-MM THK)						
M	18	1	8T-4956	4	BOLT (M12X1.75X35-MM)						
M	19	1	8T-6685	4	BOLT (M10X1.5X110-MM)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM

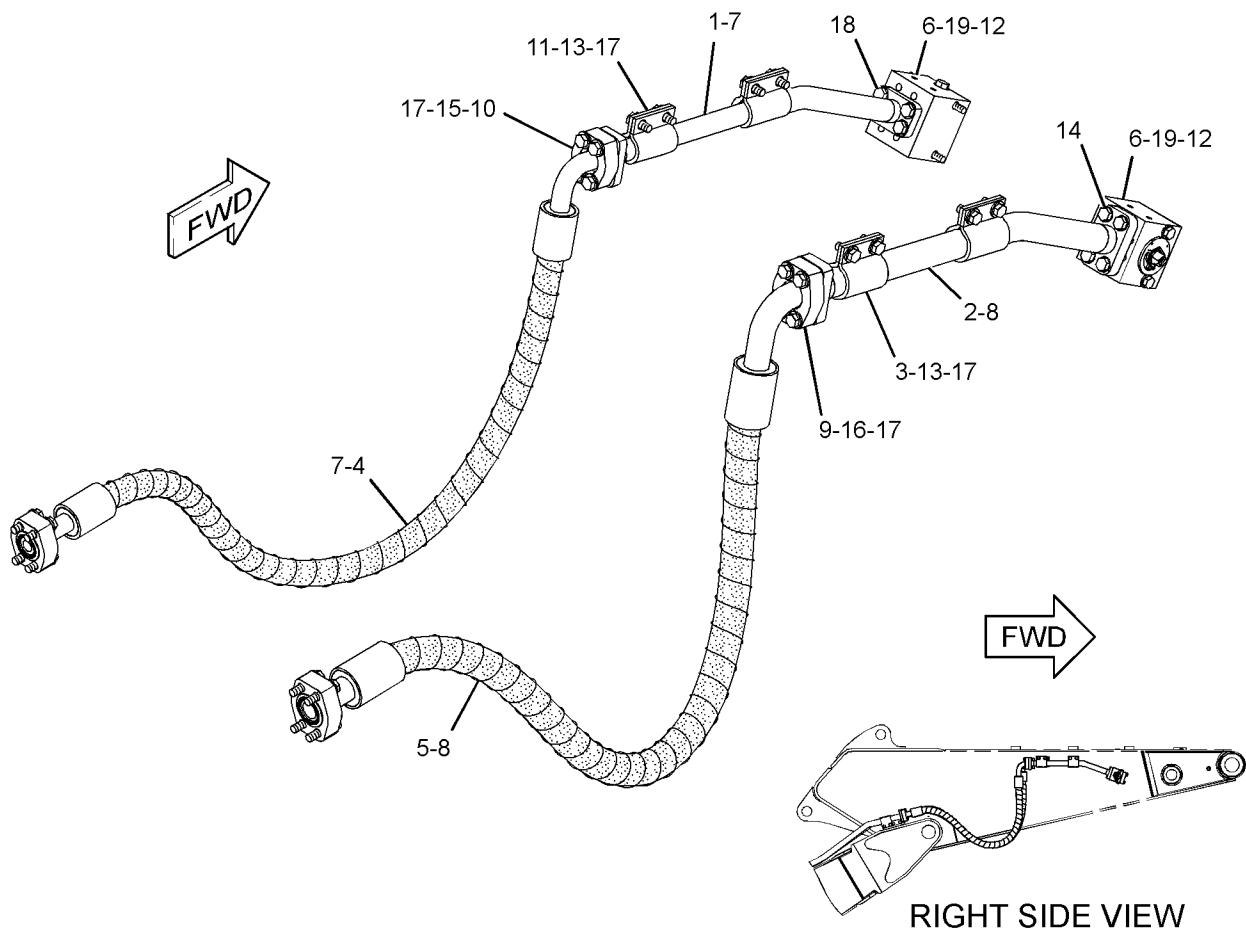
M-METRIC PART

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

237-3184 LINES GP-AUXILIARY HYDRAULIC (contd.)

i02793207



GRAPHIC #1

<END>

g01241101

HYDRAULIC SYSTEM

242-6475 LINES GP-AUXILIARY HYDRAULIC- HIGH PRESSURE, REACH BOOM S/N: A6F1-UP; A8F1-UP AN ATTACHMENT

SMCS-5057

i02793141

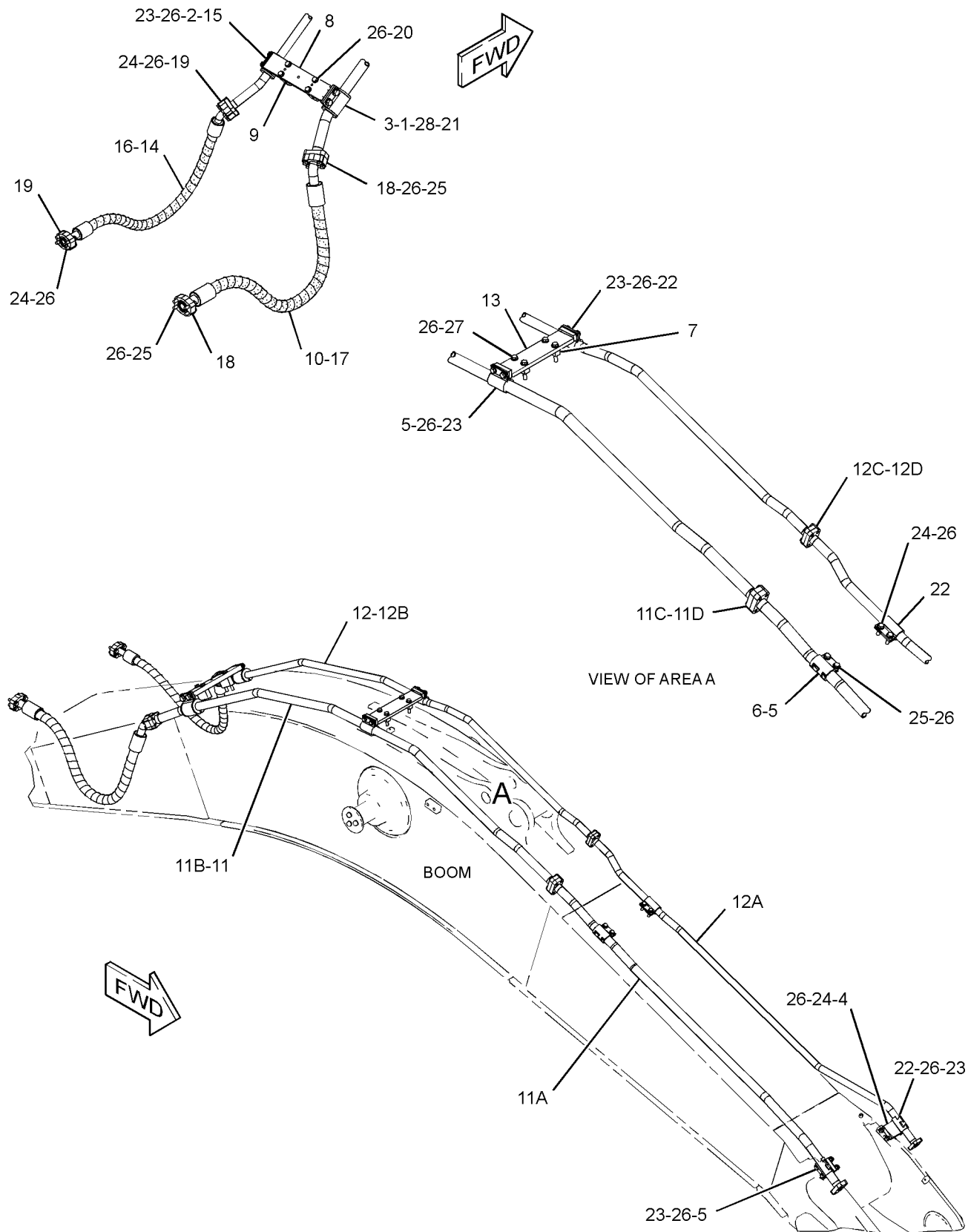
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	124-1107	1	GROMMET						
	2	1	129-5874	1	GROMMET						
	3	1	138-5708	2	CLIP-HALF						
	4	1	153-8798	2	PLATE						
	5	1	173-7916	6	CLAMP-HALF						
	6	1	173-7995	1	PLATE						
	7	1	193-6606	2	PLATE						
	8	1	202-7127	1	PLATE						
	9	1	202-7128	2	PLATE						
I	10	1	216-6589	1	HOSE AS						
J	11	1	226-3055	1	TUBE GP						
L	11A	1	153-8797	1	TUBE AS						
L	11B	1	173-8031	1	TUBE AS						
L	11C	1	1P-3705	1	SEAL-RECTANGULAR						
LM	11D	1	8T-4183	4	BOLT (M12X1.75X40-MM)						
J	12	1	247-9030	1	TUBE GP						
L	12A	1	247-9033	1	TUBE AS						
L	12B	1	247-9034	1	TUBE AS						
L	12C	1	1P-3703	1	SEAL-RECTANGULAR						
LM	12D	1	8T-4139	4	BOLT (M12X1.75X30-MM)						
	13	1	277-0786	1	SUPPORT AS						
I	14	1	288-7502	1	HOSE AS						
	15	1	124-1108	2	CLIP						
	16	1	1P-3703	2	SEAL-RECTANGULAR						
	17	1	1P-3704	2	SEAL-RECTANGULAR						
	18	1	1P-5767	4	FLANGE-HALF						
	19	1	6V-0400	4	FLANGE-HALF						
M	20	1	7X-2549	4	BOLT (M12X1.75X100-MM)						
M	21	1	7X-2553	2	BOLT (M16X2X40-MM)						
	22	1	7Y-4538	6	CLAMP-HALF						
M	23	1	8T-4139	10	BOLT (M12X1.75X30-MM)						
M	24	1	8T-4184	14	BOLT (M12X1.75X45-MM)						
M	25	1	8T-4194	10	BOLT (M12X1.75X50-MM)						
	26	1	8T-4223	42	WASHER-HARD (13.5X25.5X3-MM THK)						
M	27	1	8T-4648	4	BOLT (M12X1.75X70-MM)						
	28	1	9X-8257	2	WASHER (17.5X30X3.5-MM THK)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
J-TUBE MAY BE 1-PIECE OR 2-PIECE DESIGN (2-PIECE SHOWN)
L-PARTS REQUIRED ONLY WITH 2-PIECE TUBE DESIGN
M-METRIC PART

HYDRAULIC SYSTEM

242-6475 LINES GP-AUXILIARY HYDRAULIC (contd.)

i02793141



GRAPHIC #1

<END>

g01397971

HYDRAULIC SYSTEM

242-6476 LINES GP-AUXILIARY HYDRAULIC-REACH BOOM

S/N: A6F1-UP; A8F1-UP

AN ATTACHMENT

SMCS-5057

i02793108

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	153-8867	2	CLIP						
	2	1	173-7895	4	CLIP						
	3	1	179-5260	4	CLIP						
	4	1	202-3915	1	PLATE						
	5	1	247-9129	1	TUBE AS						
J	6	1	247-9132	1	TUBE GP						
L	6A	1	247-9135	1	TUBE AS						
L	6B	1	247-9138	1	TUBE AS						
L	6C	1	7J-9108	1	SEAL-O-RING						
	7	1	247-9141	1	TUBE AS						
J	8	1	247-9144	1	TUBE GP						
L	8A	1	268-6787	1	TUBE AS						
L	8B	1	247-9147	1	TUBE AS						
L	8C	1	7J-9108	1	SEAL-O-RING						
	9	1	247-9298	1	CLIP AS						
C	10	1	294-3796	1	PLATE						
C	11	1	294-3797	1	PLATE						
	12	1	268-6790	1	CLIP AS						
C	13	1	093-1291	2	CLAMP						
	14	1	6V-8398	4	SEAL-O-RING						
	15	1	7J-9108	2	SEAL-O-RING						
M	16	1	7X-2549	2	BOLT (M12X1.75X100-MM)						
	17	1	7Y-4868	2	CLIP						
C	18	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
CM	19	1	8T-4194	4	BOLT (M12X1.75X50-MM)						
M	20	1	8T-4139	12	BOLT (M12X1.75X30-MM)						
M	21	1	8T-4184	4	BOLT (M12X1.75X45-MM)						
CM	22	1	8T-4185	2	BOLT (M10X1.5X50-MM)						
C	23	1	8T-4223	22	WASHER-HARD (13.5X25.5X3-MM THK)						
M	24	1	8T-4244	12	NUT (M12X1.75-THD)						
C	25	1	294-3795	2	CLIP AS						
C	26	1	294-3794	2	CLIP AS						

C- CHANGE FROM PREVIOUS TYPE

J- TUBE MAY BE 1-PIECE OR 2-PIECE DESIGN (2-PIECE SHOWN)

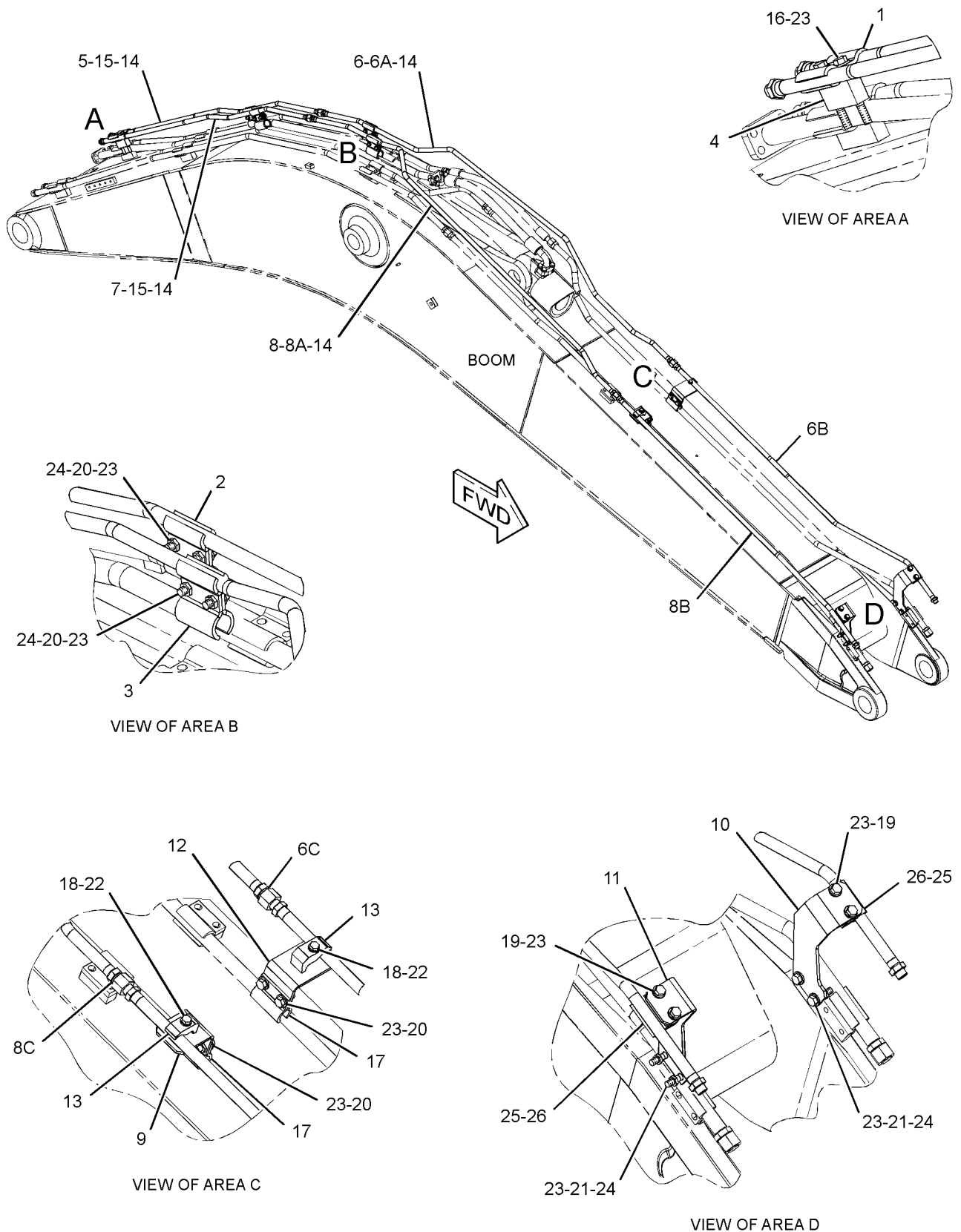
L- PARTS REQUIRED ONLY WITH 2-PIECE TUBE DESIGN

M- METRIC PART

HYDRAULIC SYSTEM

242-6476 LINES GP-AUXILIARY HYDRAULIC (contd.)

i02793108



GRAPHIC #1

<END>

g01397748

HYDRAULIC SYSTEM

242-6479 LINES GP-AUXILIARY HYDRAULIC- MASS BOOM, HIGH PRESSURE S/N: A6F1-UP; A8F1-UP AN ATTACHMENT

SMCS-5057

i02792870

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	124-1107	1	GROMMET						
	2	2	129-5874	1	GROMMET						
	3	2	138-5708	2	CLIP-HALF						
	4	2	153-8798	2	PLATE						
	5	2	173-7916	6	CLAMP-HALF						
	6	2	173-7995	1	PLATE						
	7	2	193-6606	2	PLATE						
	8	2	202-7127	1	PLATE						
	9	2	202-7128	2	PLATE						
I	10	1	216-6589	1	HOSE AS						
J	11	1	226-3065	1	TUBE GP						
L		1	1P-3705	1	SEAL-RECTANGULAR						
L	11A	1	179-5005	1	TUBE AS						
L	11B	1	179-5006	1	TUBE AS						
LM	11C	1	8T-4183	4	BOLT (M12X1.75X40-MM)						
I	12	1	288-7502	1	HOSE AS						
J	13	1	268-6966	1	TUBE GP						
L		1	1P-3703	1	SEAL-RECTANGULAR						
L	13A	1	268-6969	1	TUBE AS						
L	13B	1	268-6970	1	TUBE AS						
LM	13C	1	8T-4139	4	BOLT (M12X1.75X30-MM)						
	14	2	277-0786	1	SUPPORT AS						
	15	2	124-1108	2	CLIP						
	16	1	1P-3703	2	SEAL-RECTANGULAR						
	17	1	1P-3704	2	SEAL-RECTANGULAR						
	18	1	1P-5767	4	FLANGE-HALF						
	19	1	6V-0400	4	FLANGE-HALF						
M	20	2	7X-2549	4	BOLT (M12X1.75X100-MM)						
M	21	2	7X-2553	2	BOLT (M16X2X40-MM)						
	22	2	7Y-4538	6	CLAMP-HALF						
M	23	2	8T-4139	10	BOLT (M12X1.75X30-MM)						
M	24	1,2	8T-4184	14	BOLT (M12X1.75X45-MM)						
M	25	1,2	8T-4194	10	BOLT (M12X1.75X50-MM)						
	26	1,2	8T-4223	42	WASHER-HARD (13.5X25.5X3-MM THK)						
M	27	2	8T-4648	4	BOLT (M12X1.75X70-MM)						
	28	2	9X-8257	2	WASHER (17.5X30X3.5-MM THK)						

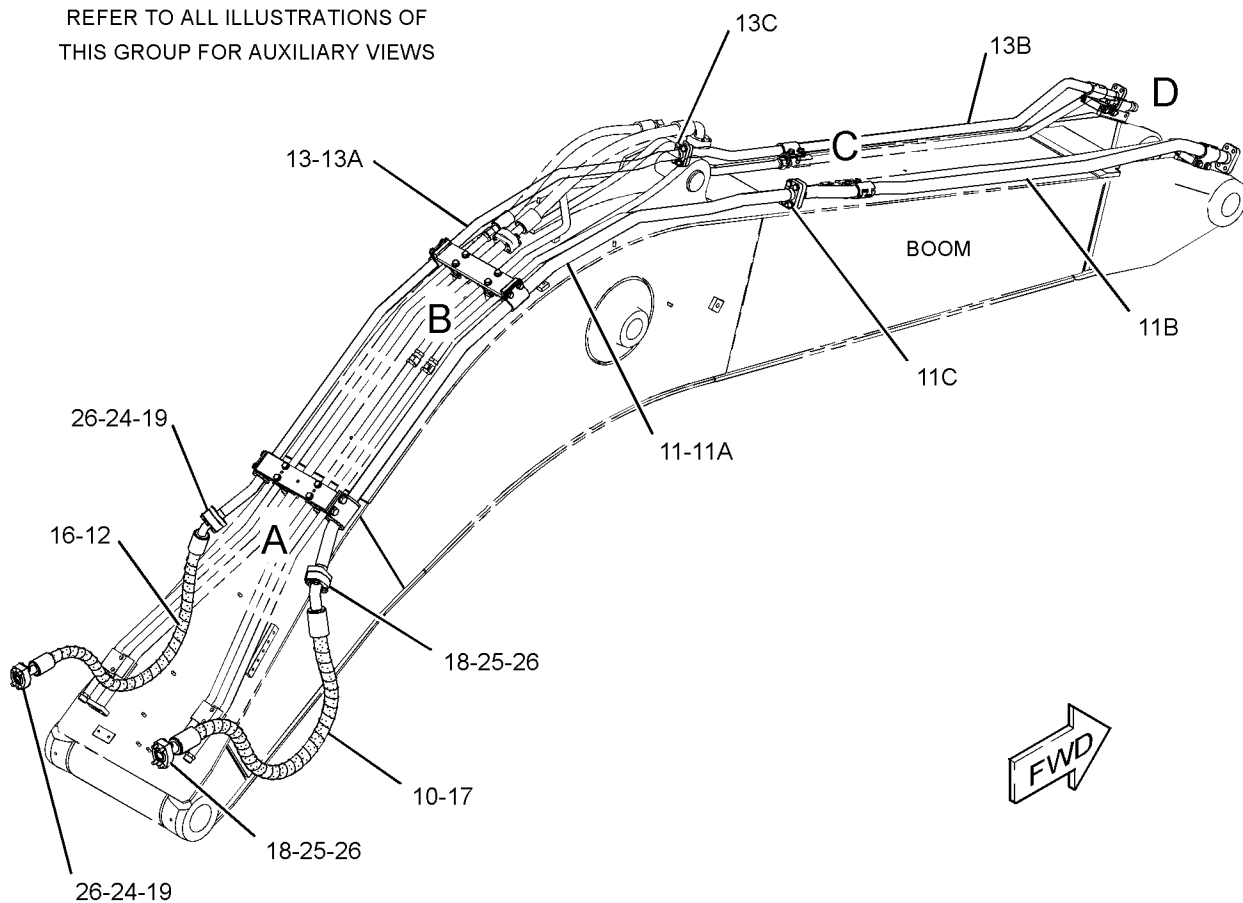
I-REFER TO HYDRAULIC INFORMATION SYSTEM
J-TUBE MAY BE 1-PIECE OR 2-PIECE DESIGN (2-PIECE SHOWN)
L-PARTS REQUIRED ONLY WITH 2-PIECE TUBE DESIGN
M-METRIC PART

HYDRAULIC SYSTEM

242-6479 LINES GP-AUXILIARY HYDRAULIC (contd.)

i02792870

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



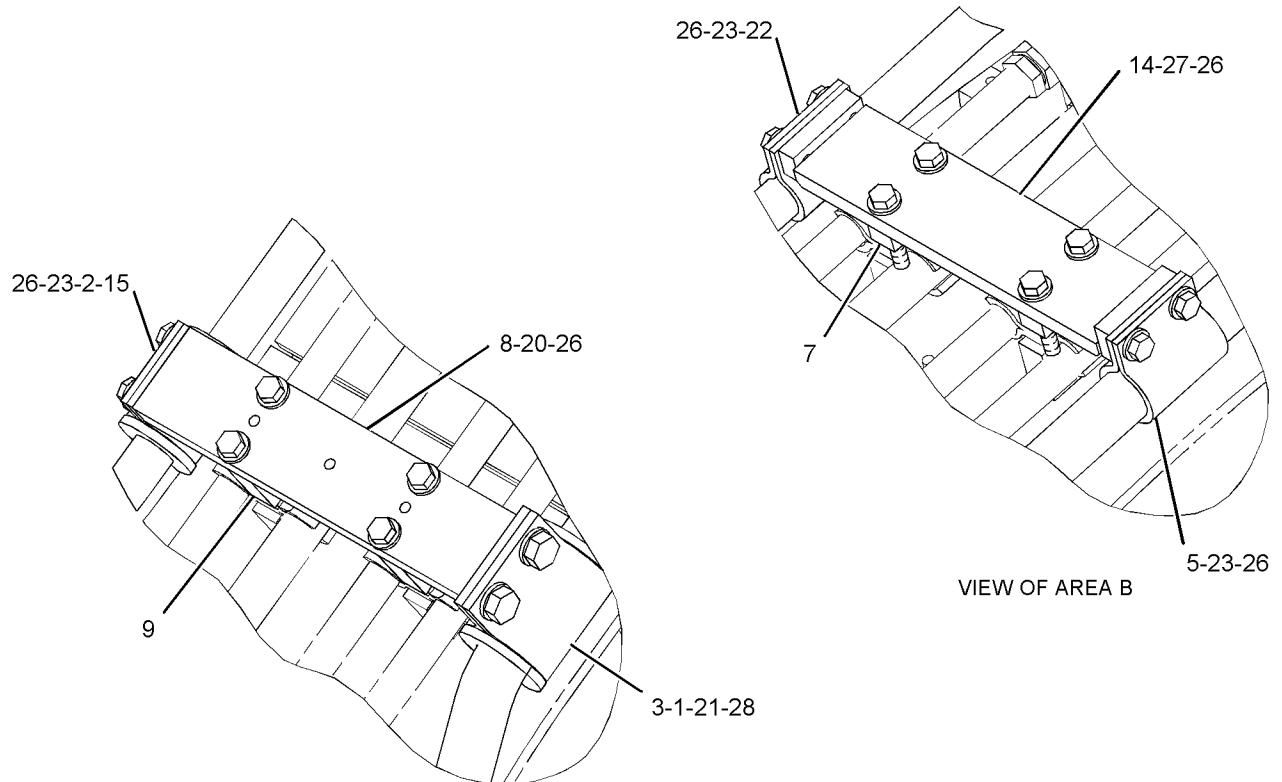
GRAPHIC #1

g01229180

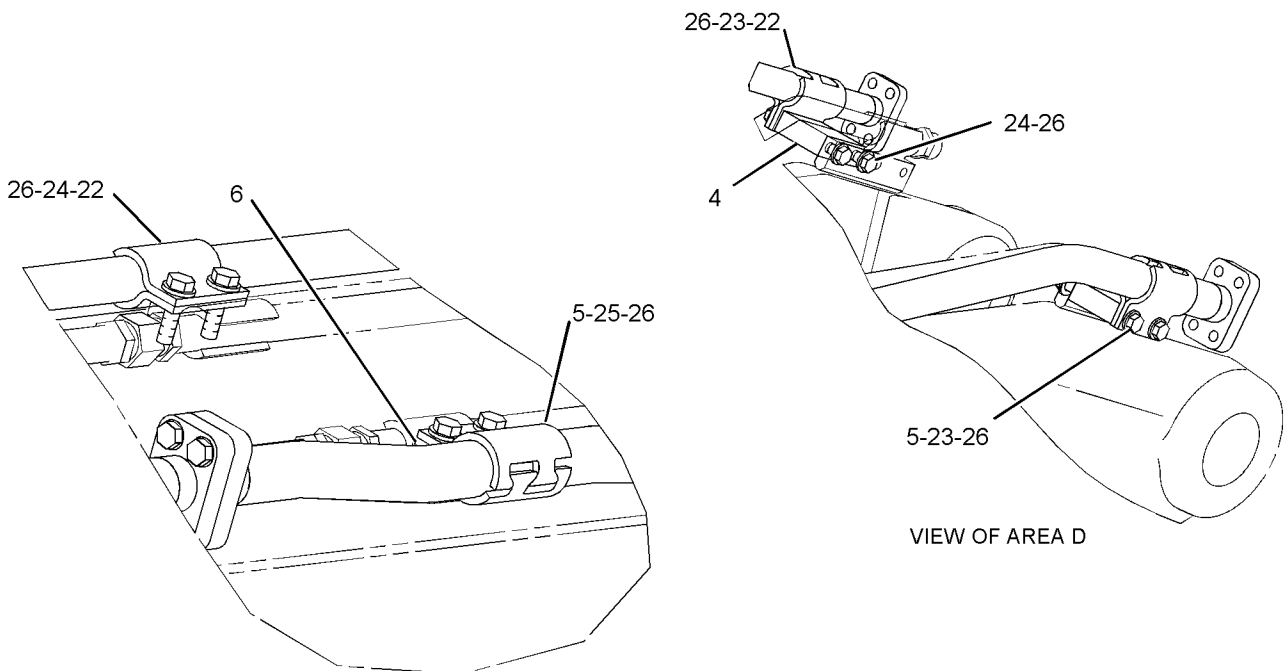
HYDRAULIC SYSTEM

242-6479 LINES GP-AUXILIARY HYDRAULIC (contd.)

i02792870



VIEW OF AREA A



VIEW OF AREA C

VIEW OF AREA D

GRAPHIC #2

<END>

g01229181

HYDRAULIC SYSTEM

242 - 6480 LINES GP - AUXILIARY HYDRAULIC- MASS BOOM, MEDIUM PRESSURE S/N: A6F1-UP; A8F1-UP AN ATTACHMENT

SMCS - 5057

i02792858

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	153-8867	2	CLIP						
	2	2	173-7895	4	CLIP						
	3	2	179-5260	4	CLIP						
	4	2	202-3915	1	PLATE						
	5	2	247-9298	2	CLIP AS						
C	6	2	294-3796	1	PLATE						
C	7	2	294-3797	1	PLATE						
	8	1	268-6989	1	TUBE AS						
J	9	1	268-6992	1	TUBE GP						
L	9A	1	268-6995	1	TUBE AS						
L	9B	1	268-6998	1	TUBE AS						
L	9C	1	7J-9108	1	SEAL - O - RING						
	10	1	268-7001	1	TUBE AS						
J	11	1	268-7004	1	TUBE GP						
L	11A	1	268-7007	1	TUBE AS						
L	11B	1	268-7010	1	TUBE AS						
L	11C	1	7J-9108	1	SEAL - O - RING						
C	12	2	093-1291	2	CLAMP						
	13	1	6V-8398	4	SEAL - O - RING						
	14	1	7J-9108	2	SEAL - O - RING						
M	15	2	7X-2549	2	BOLT (M12X1.75X100-MM)						
	16	2	7Y-4868	2	CLIP						
C	17	2	8T-4121	2	WASHER - HARD (11X21X2.5-MM THK)						
CM	18	2	8T-4194	4	BOLT (M12X1.75X50-MM)						
M	19	2	8T-4139	12	BOLT (M12X1.75X30-MM)						
M	20	2	8T-4184	4	BOLT (M12X1.75X45-MM)						
CM	21	2	8T-4185	2	BOLT (M10X1.5X50-MM)						
C	22	2	8T-4223	22	WASHER - HARD (13.5X25.5X3-MM THK)						
M	23	2	8T-4244	12	NUT (M12X1.75-THD)						
C	24	2	294-3795	2	CLIP AS						
C	25	2	294-3794	2	CLIP AS						

C - CHANGE FROM PREVIOUS TYPE

J - TUBE MAY BE 1-PIECE OR 2-PIECE DESIGN (2-PIECE SHOWN)

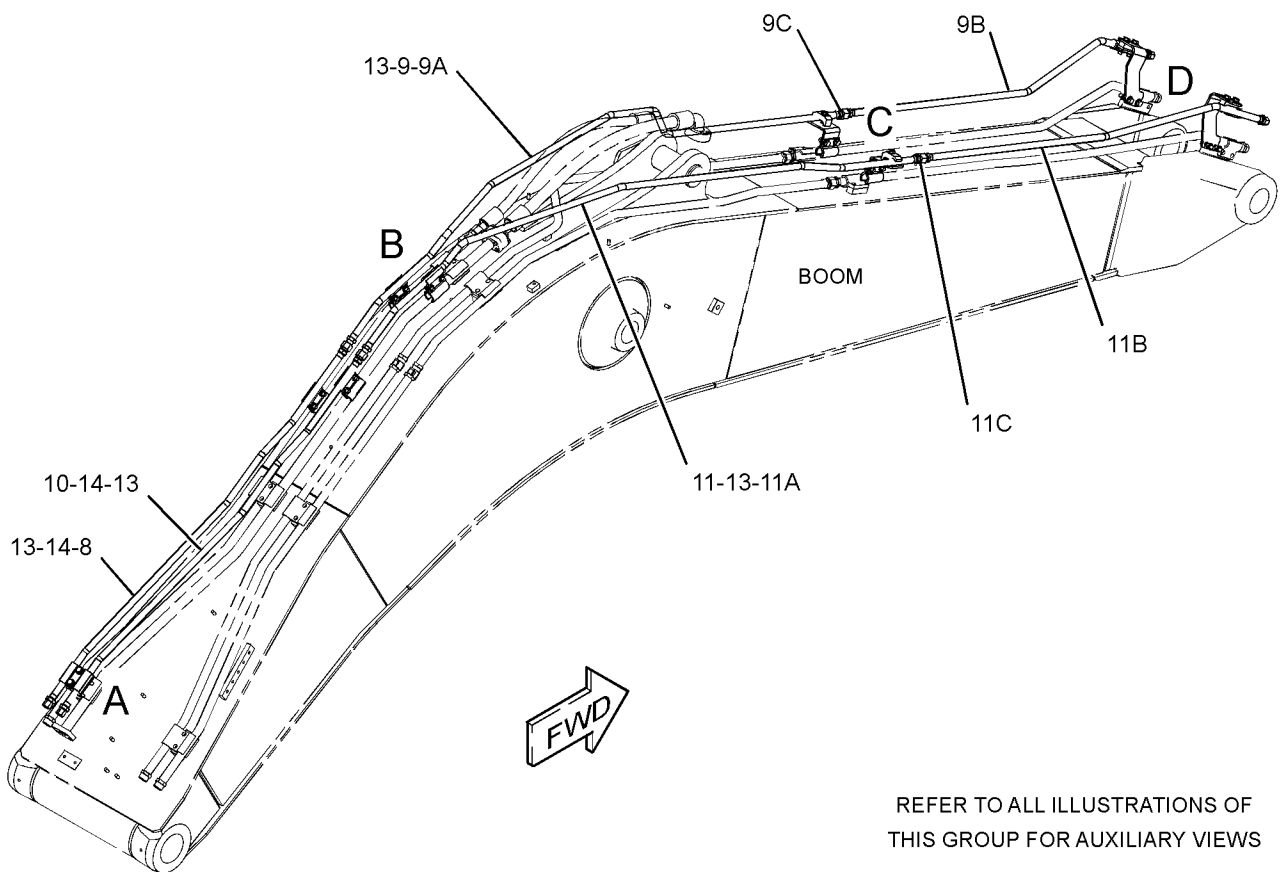
L - PARTS REQUIRED ONLY WITH 2-PIECE TUBE DESIGN

M - METRIC PART

HYDRAULIC SYSTEM

242-6480 LINES GP-AUXILIARY HYDRAULIC (contd.)

i02792858



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

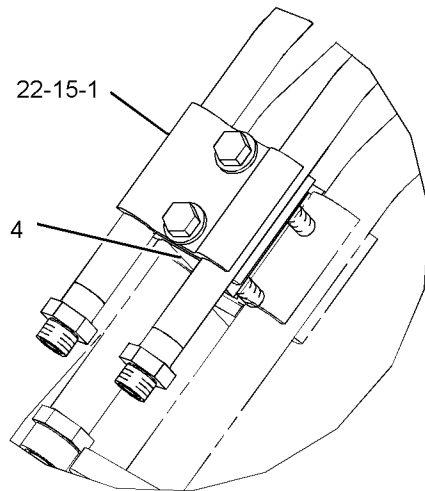
GRAPHIC #1

g01398226

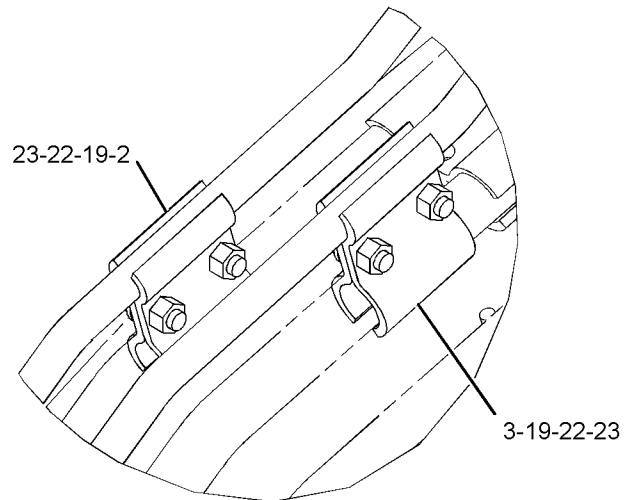
HYDRAULIC SYSTEM

242-6480 LINES GP-AUXILIARY HYDRAULIC (contd.)

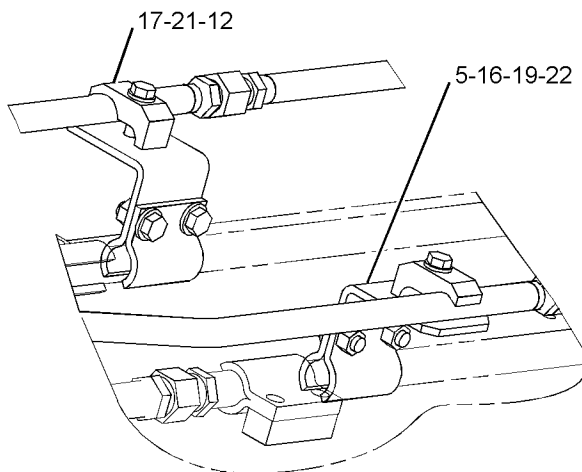
i02792858



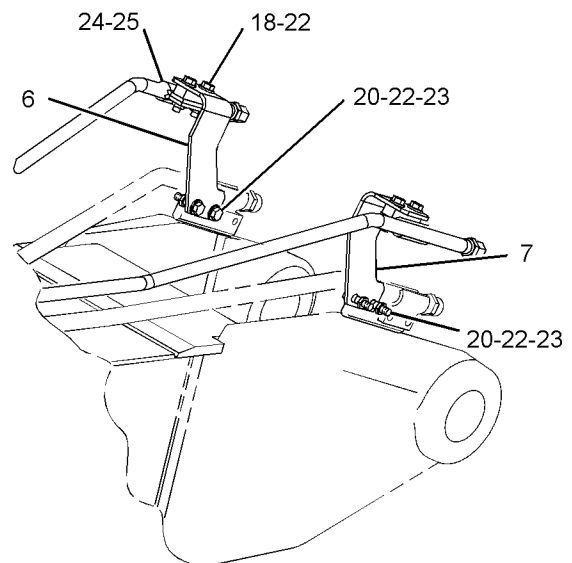
VIEW OF AREA A



VIEW OF AREA B



VIEW OF AREA C



VIEW OF AREA D

GRAPHIC #2

<END>

g01398229

HYDRAULIC SYSTEM

242-6483 LINES GP-AUXILIARY HYDRAULIC-HIGH FLOW

S/N: A6F1-UP; A8F1-UP

3.9-M (12.8-FT)

AN ATTACHMENT

SMCS-5057

i02797983

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	104-8750	1	HOSE AS						
	2	1	173-7916	6	CLAMP - HALF						
I	3	1	253-6623	1	HOSE AS						
	4	1	262-3402	1	TUBE AS						
	5	1	262-3403	1	TUBE AS						
Y	6	1	277-0954	2	VALVE GP-MANUAL (AUXILIARY, SHUTOFF)						523
	7	1	1P-3703	3	SEAL - RECTANGULAR						
	8	1	1P-3704	3	SEAL - RECTANGULAR						
	9	1	1P-5767	4	FLANGE - HALF						
	10	1	6V-0400	4	FLANGE - HALF						
	11	1	7Y-4538	6	CLAMP - HALF						
	12	1	8T-4121	4	WASHER - HARD (11X21X2.5-MM THK)						
M	13	1	8T-4139	12	BOLT (M12X1.75X30-MM)						
M	14	1	8T-4183	4	BOLT (M12X1.75X40-MM)						
M	15	1	8T-4184	8	BOLT (M12X1.75X45-MM)						
M	16	1	8T-4194	8	BOLT (M12X1.75X50-MM)						
	17	1	8T-4223	28	WASHER - HARD (13.5X25.5X3-MM THK)						
M	18	1	8T-4956	4	BOLT (M12X1.75X35-MM)						
M	19	1	8T-6685	4	BOLT (M10X1.5X110-MM)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM

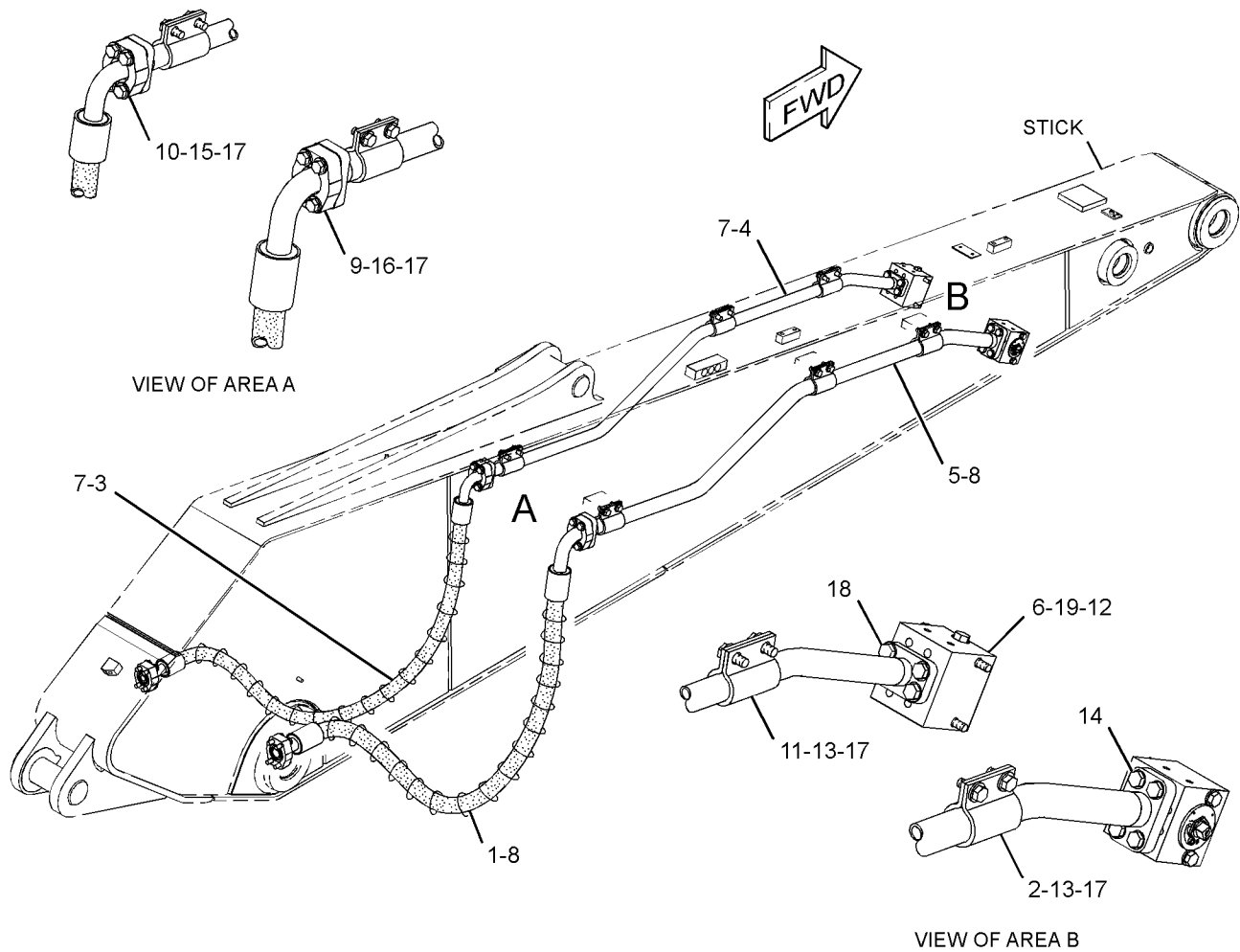
M-METRIC PART

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

242-6483 LINES GP-AUXILIARY HYDRAULIC (contd.)

i02797983



GRAPHIC #1

<END>

g01240210

HYDRAULIC SYSTEM

242 - 6484 LINES GP - AUXILIARY HYDRAULIC—MEDIUM FLOW

S/N: A6F1-UP; A8F1-UP
3.9-M (12.8-FT) STICK
AN ATTACHMENT

SMCS-5057

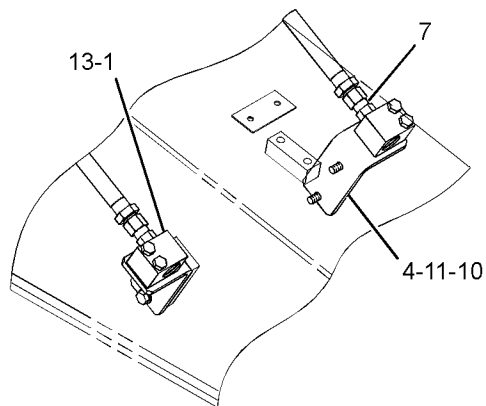
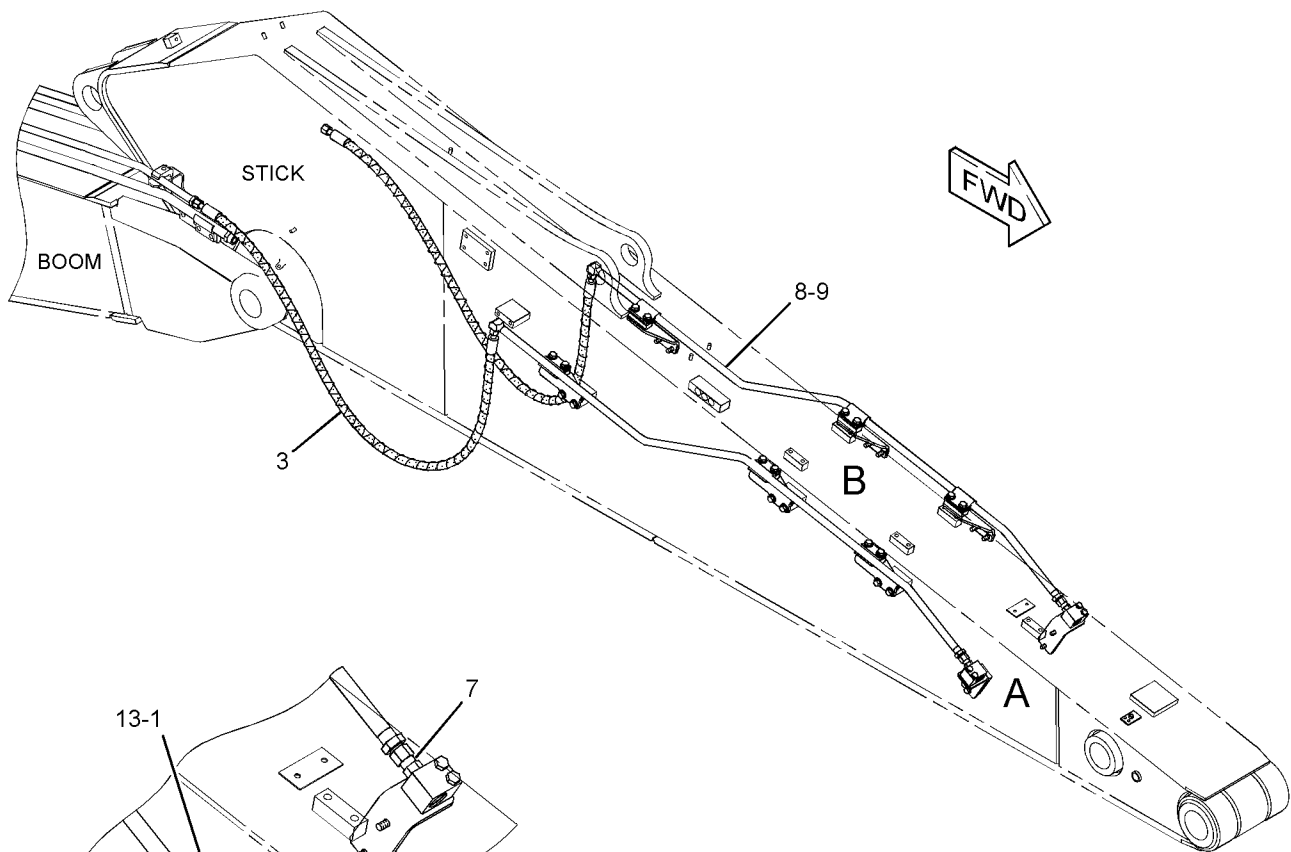
i02791414

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	6C-6760	2	MANIFOLD						
	2	1	149-1738	12	CLIP						
	3	1	177-8506	2	HOSE AS						
	4	1	187-9977	2	PLATE						
	5	1	187-9978	3	SUPPORT AS						
	6	1	187-9981	3	SUPPORT AS						
	7	1	250-1440	2	ADAPTER AS						
					(EACH INCLUDES)						
		1	3K-0360	1	SEAL-O-RING						
		1	7X-3164	1	ADAPTER-SWIVEL						
	8	1	262-3404	2	TUBE AS						
	9	1	6V-8398	4	SEAL-O-RING						
	10	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	11	1	8T-4136	4	BOLT (M10X1.5X25-MM)						
M	12	1	8T-4139	24	BOLT (M12X1.75X30-MM)						
M	13	1	8T-4185	4	BOLT (M10X1.5X50-MM)						
	14	1	8T-4223	24	WASHER-HARD (13.5X25.5X3-MM THK)						
M	15	1	7X-2543	4	BOLT (M10X1.5X120-MM)						
					(USE WITH HIGH PRESSURE AUXILIARY HYDRAULIC LINES)						
M	16	1	8T-4183	12	BOLT (M12X1.75X40-MM)						
					(USE WITH HIGH PRESSURE AUXILIARY HYDRAULIC LINES)						
I-REFER TO HYDRAULIC INFORMATION SYSTEM											
M-METRIC PART											

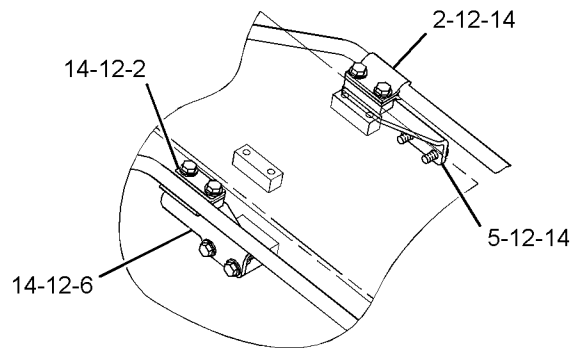
HYDRAULIC SYSTEM

242-6484 LINES GP-AUXILIARY HYDRAULIC (contd.)

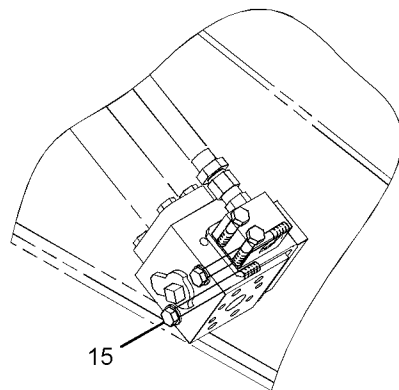
i02791414



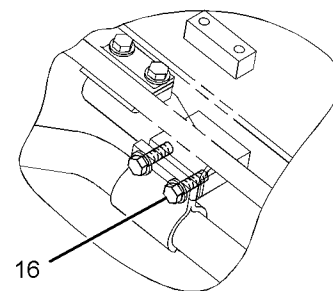
VIEW OF AREA A



VIEW OF AREA B



VIEW OF AREA A
(OPTIONAL DESIGN)



VIEW OF AREA B
(OPTIONAL DESIGN)

GRAPHIC #1

<END>

g01216985

HYDRAULIC SYSTEM

242-6487 LINES GP-AUXILIARY HYDRAULIC-HIGH PRESSURE

S/N: A6F1-UP; A8F1-UP

2.92-M (9.58-FT)

AN ATTACHMENT

SMCS-5057

i02791379

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	5I-8510	1	HOSE AS						
	2	1	173-7916	4	CLAMP-HALF						
I	3	1	253-6445	1	HOSE AS						
	4	1	253-6453	1	TUBE AS						
	5	1	253-6454	1	TUBE AS						
Y	6	1	277-0954	2	VALVE GP-MANUAL (AUXILIARY, SHUTOFF)						523
	7	1	1P-3703	3	SEAL-RECTANGULAR						
	8	1	1P-3704	3	SEAL-RECTANGULAR						
	9	1	1P-5767	4	FLANGE-HALF						
	10	1	6V-0400	4	FLANGE-HALF						
	11	1	7Y-4538	4	CLAMP-HALF						
	12	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	13	1	8T-4139	8	BOLT (M12X1.75X30-MM)						
M	14	1	8T-4183	4	BOLT (M12X1.75X40-MM)						
M	15	1	8T-4184	8	BOLT (M12X1.75X45-MM)						
M	16	1	8T-4194	8	BOLT (M12X1.75X50-MM)						
	17	1	8T-4223	24	WASHER-HARD (13.5X25.5X3-MM THK)						
M	18	1	8T-4956	4	BOLT (M12X1.75X35-MM)						
M	19	1	8T-6685	4	BOLT (M10X1.5X110-MM)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM

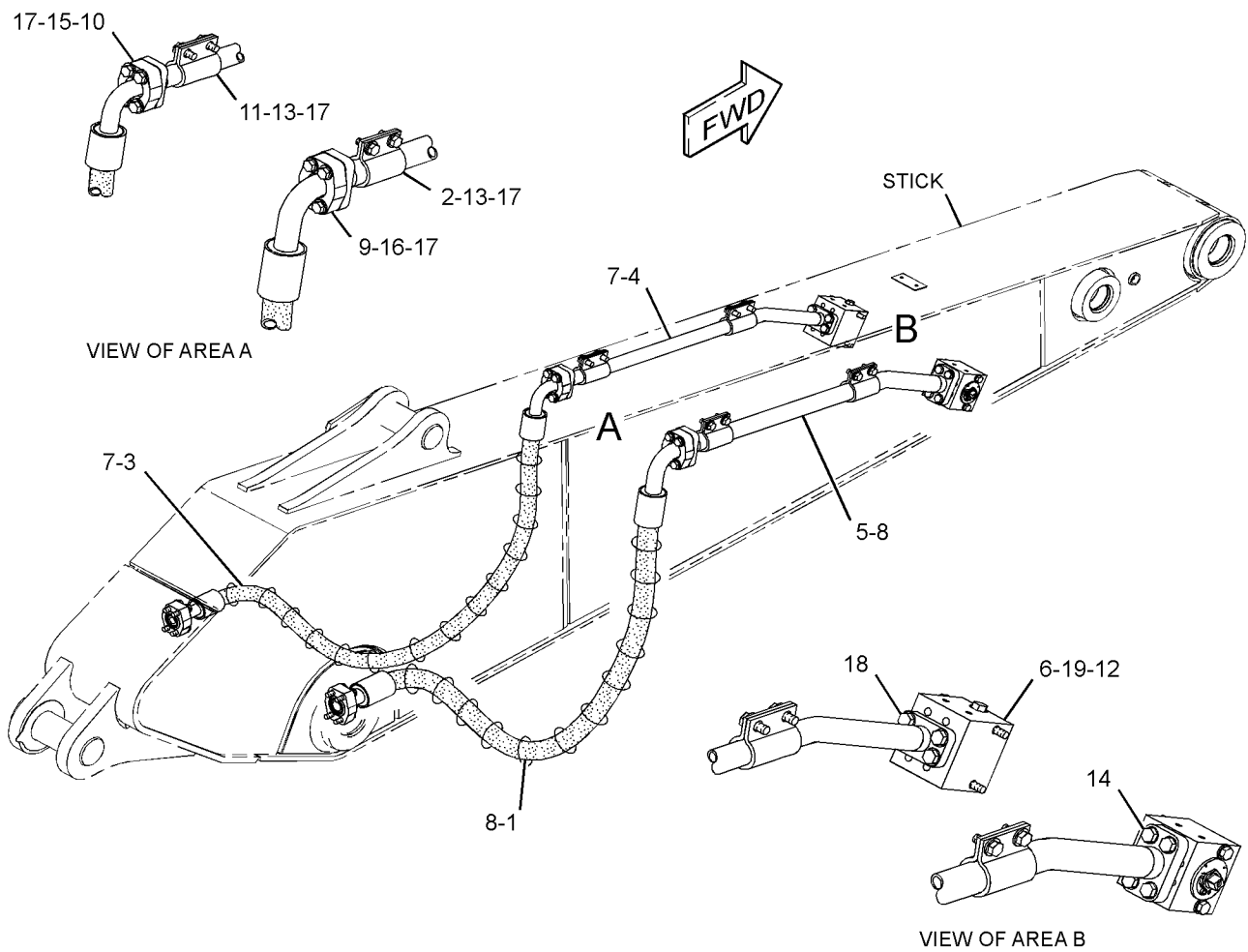
M-METRIC PART

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

242-6487 LINES GP-AUXILIARY HYDRAULIC (contd.)

i02791379



GRAPHIC #1

<END>

g01240196

HYDRAULIC SYSTEM

242 - 6488 LINES GP - AUXILIARY HYDRAULIC—MEDIUM FLOW

S/N: A6F1-UP; A8F1-UP

2.9-M (9.5-FT) STICK

AN ATTACHMENT

SMCS-5057

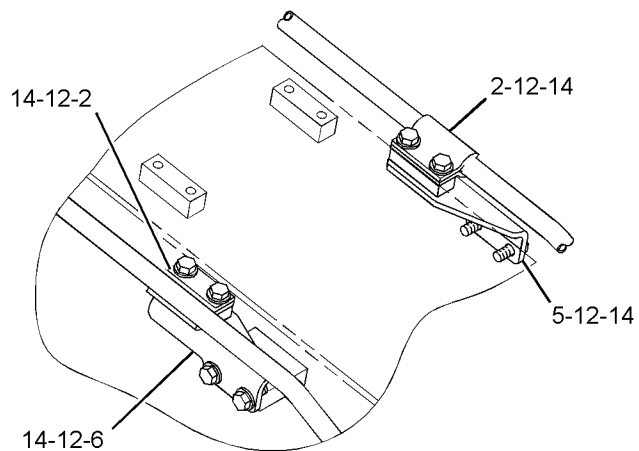
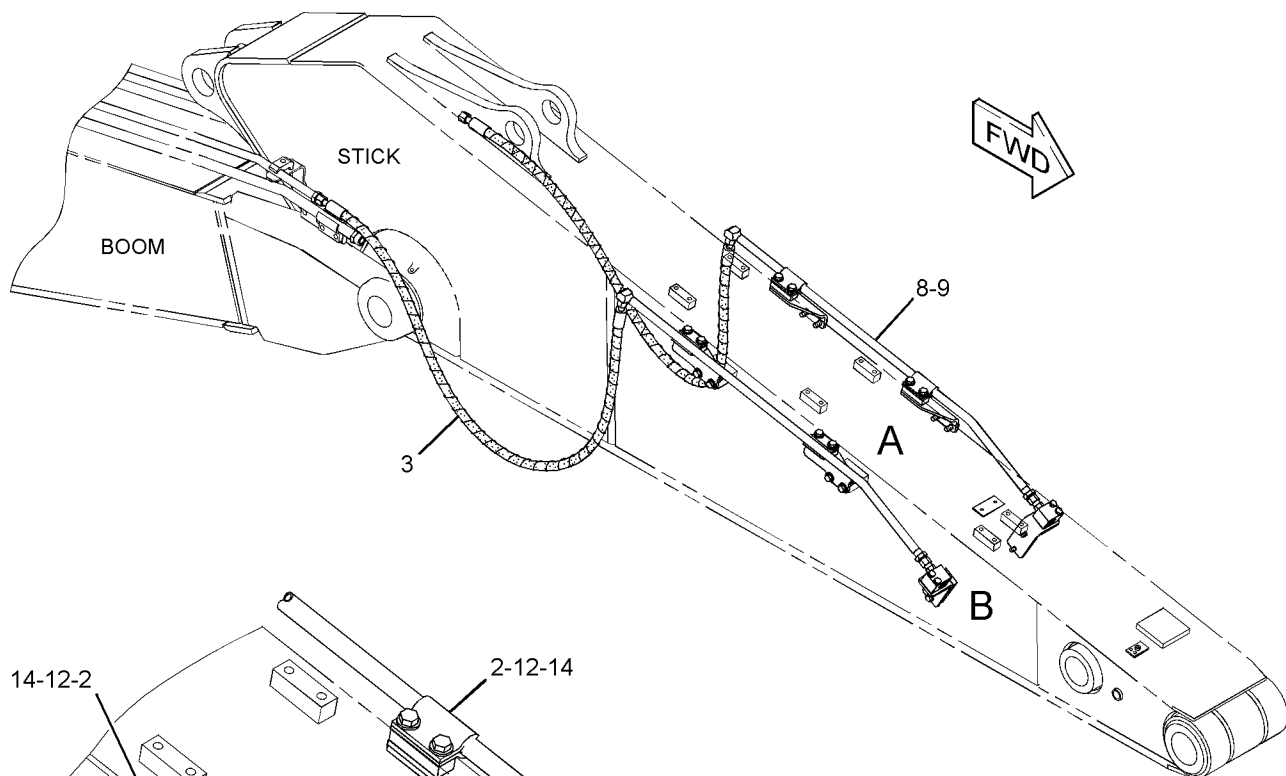
i02791345

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6C-6760	2	MANIFOLD						
	2	1	149-1738	8	CLIP						
I	3	1	177-8572	2	HOSE AS						
	4	1	187-9977	2	PLATE						
	5	1	187-9978	2	SUPPORT AS						
	6	1	187-9981	2	SUPPORT AS						
	7	1	250-1440	2	ADAPTER AS						
					(EACH INCLUDES)						
		1	3K-0360	1	SEAL - O - RING						
		1	7X-3164	1	ADAPTER - SWIVEL						
	8	1	253-6455	2	TUBE AS						
	9	1	6V-8398	4	SEAL - O - RING						
	10	1	8T-4121	4	WASHER - HARD (11X21X2.5-MM THK)						
M	11	1	8T-4136	4	BOLT (M10X1.5X25-MM)						
M	12	1	8T-4139	16	BOLT (M12X1.75X30-MM)						
M	13	1	8T-4185	4	BOLT (M10X1.5X50-MM)						
	14	1	8T-4223	16	WASHER - HARD (13.5X25.5X3-MM THK)						
M	15	1	7X-2543	4	BOLT (M10X1.5X120-MM)						
					(USED WITH AUX HYD (MED PRESS.) LINES						
M	16	1	8T-4183	8	BOLT (M12X1.75X40-MM)						
					(USED WITH AUX HYD (MED PRESS.) LINES						
I - REFER TO HYDRAULIC INFORMATION SYSTEM											
M - METRIC PART											

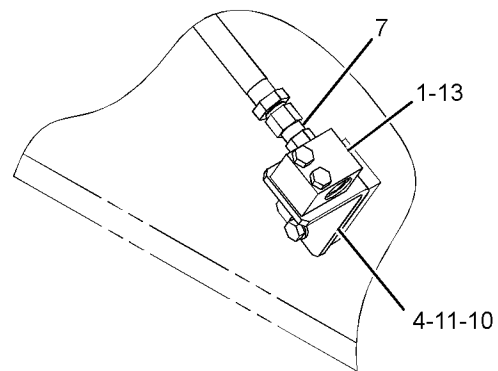
HYDRAULIC SYSTEM

242-6488 LINES GP-AUXILIARY HYDRAULIC (contd.)

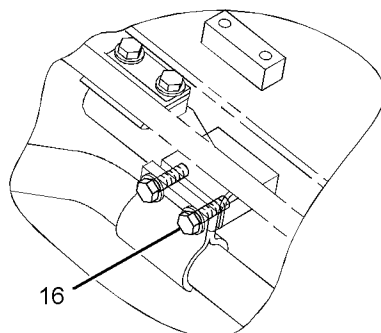
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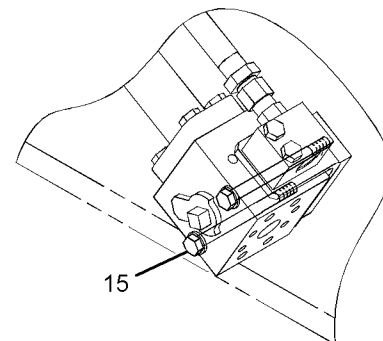
VIEW OF AREA A



VIEW OF AREA B



VIEW OF AREA A
(OPTIONAL DESIGN)



VIEW OF AREA B
(OPTIONAL DESIGN)

GRAPHIC #1

<END>

g01217865

HYDRAULIC SYSTEM

242 - 6492 LINES GP - AUXILIARY HYDRAULIC

S/N: A6F1-UP; A8F1-UP
2.5-M (8.2-FT) . MEDIUM PRESSURE
AN ATTACHMENT

SMCS - 5057

i02798444

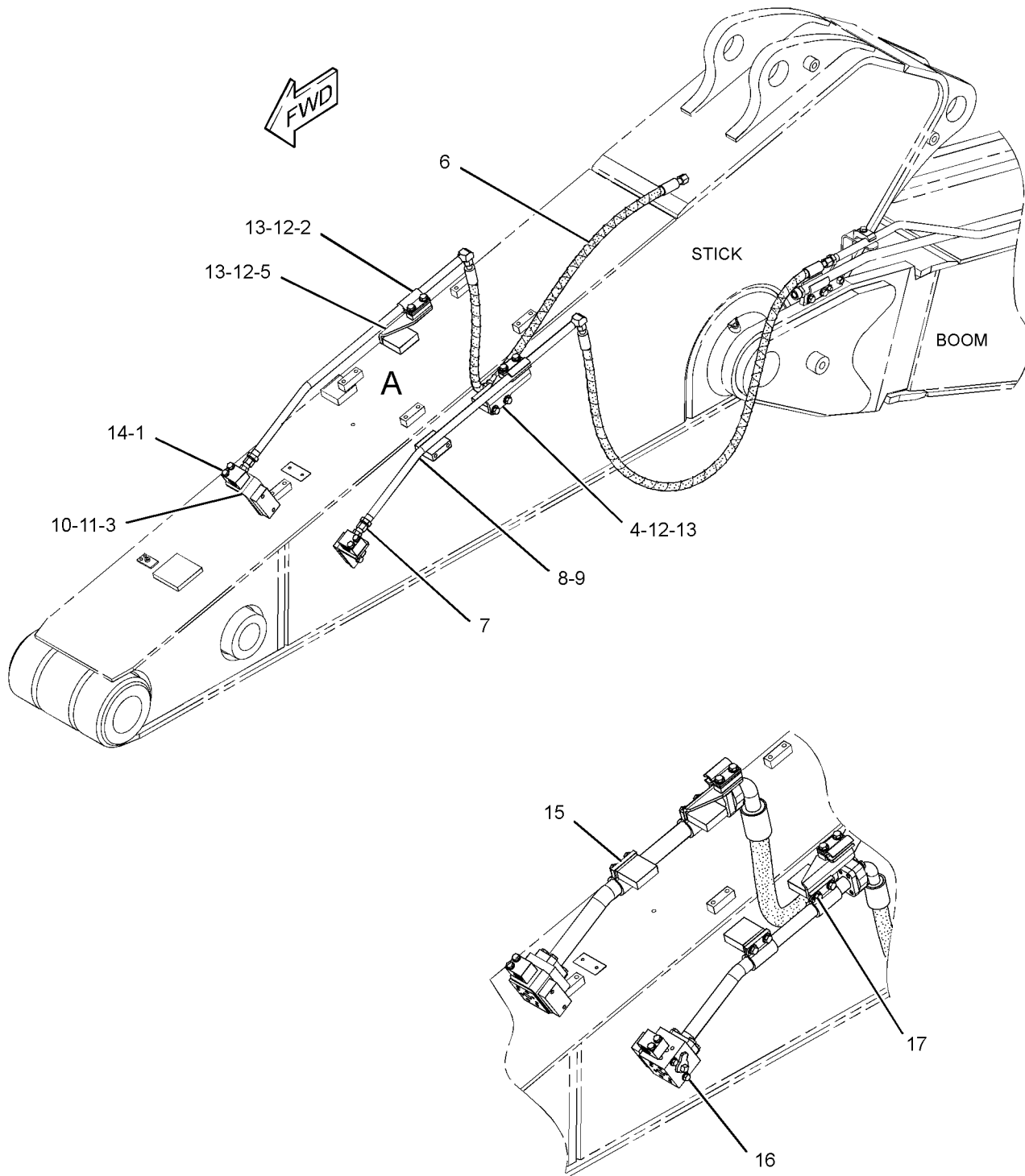
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6C-6760	2	MANIFOLD						
	2	1	149-1738	4	CLIP						
	3	1	187-9977	2	PLATE						
	4	1	187-9978	1	SUPPORT AS						
	5	1	187-9981	1	SUPPORT AS						
I	6	1	216-6485	2	HOSE AS						
	7	1	250-1440	2	ADAPTER AS						
					(EACH INCLUDES)						
		1	3K-0360	1	SEAL-O-RING						
		1	7X-3164	1	ADAPTER-SWIVEL						
	8	1	253-6685	2	TUBE AS						
	9	1	6V-8398	4	SEAL-O-RING						
	10	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	11	1	8T-4136	4	BOLT (M10X1.5X25-MM)						
M	12	1	8T-4139	8	BOLT (M12X1.75X30-MM)						
	13	1	8T-4223	8	WASHER-HARD (13.5X25.5X3-MM THK)						
M	14	1	8T-4185	4	BOLT (M10X1.5X50-MM)						
J	15	1	197-2362	2	PLATE						
JM	16	1	7X-2543	4	BOLT (M10X1.5X120-MM)						
JM	17	1	8T-4183	8	BOLT (M12X1.75X40-MM)						

I - REFER TO HYDRAULIC INFORMATION SYSTEM
J - OPTIONAL DESIGN
M - METRIC PART

HYDRAULIC SYSTEM

242-6492 LINES GP-AUXILIARY HYDRAULIC (contd.)

i02798444



GRAPHIC #1

<END>

g01398410

HYDRAULIC SYSTEM

239 - 1732 LINES GP - BOOM

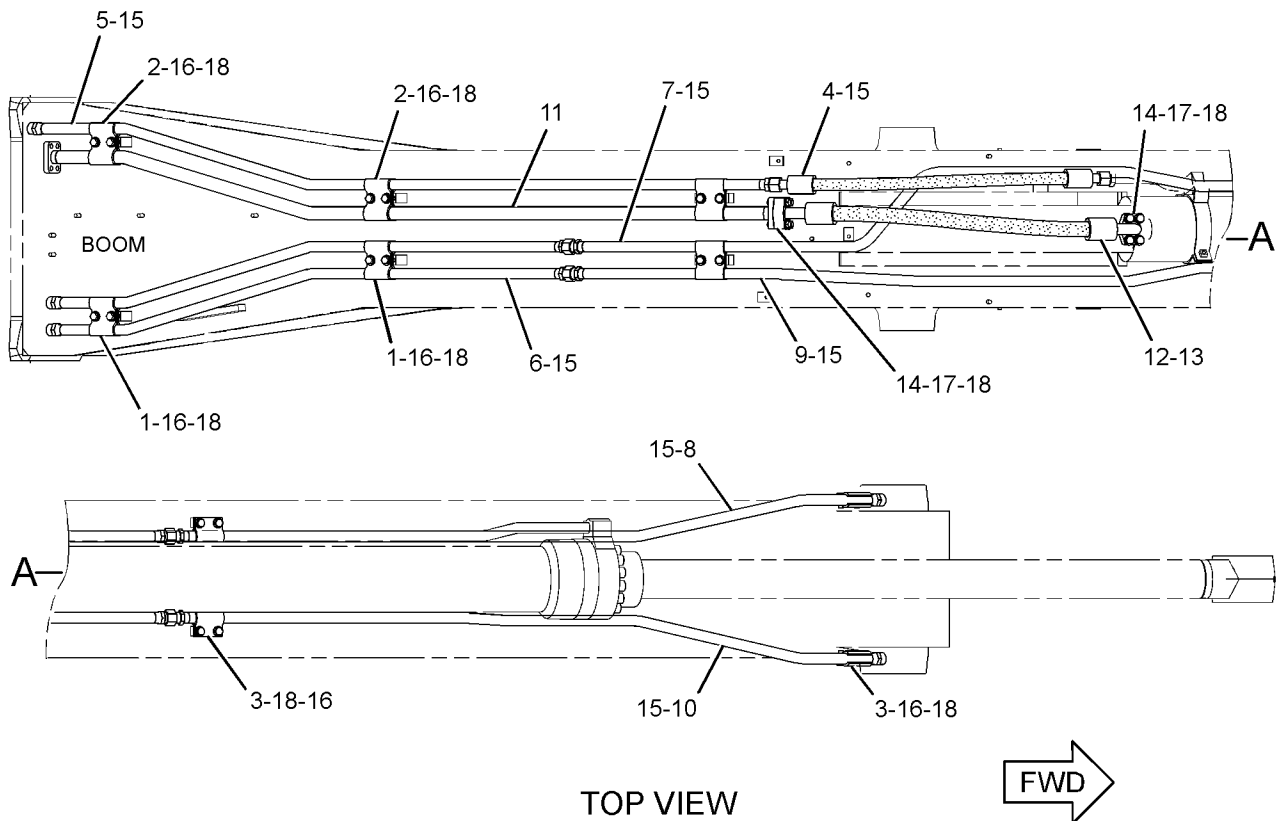
S/N: A6F1-UP; A8F1-UP
PART OF 240-3833 BOOM AR
AN ATTACHMENT

SMCS-5057

i02793726

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4I-1674	6	CLIP						
	2	1	4I-1676	6	CLIP						
	3	1	7Y-4868	8	CLIP						
I	4	1	151-1846	1	HOSE AS						
	5	1	307-5035	1	TUBE AS						
	6	1	184-9253	2	TUBE AS						
	7	1	184-9254	1	TUBE AS						
	8	1	184-9255	1	TUBE AS						
	9	1	184-9256	1	TUBE AS						
	10	1	184-9257	1	TUBE AS						
	11	1	260-8320	1	TUBE AS						
I	12	1	260-8321	1	HOSE AS						
	13	1	1P-3703	2	SEAL-RECTANGULAR						
	14	1	6V-0400	4	FLANGE-HALF						
	15	1	6V-9746	11	SEAL-O-RING						
M	16	1	8T-4139	20	BOLT (M12X1.75X30-MM)						
M	17	1	8T-4184	8	BOLT (M12X1.75X45-MM)						
	18	1	8T-4223	28	WASHER-HARD (13.5X25.5X3-MM THK)						

I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART



GRAPHIC #1

<END>

g01394692

HYDRAULIC SYSTEM

260-8010 LINES GP-BOOM

S/N: A6F1-UP; A8F1-UP

PART OF 240-3828, 240-3830 BOOM AR-1 PIECE LONG
AN ATTACHMENT

SMCS-5057

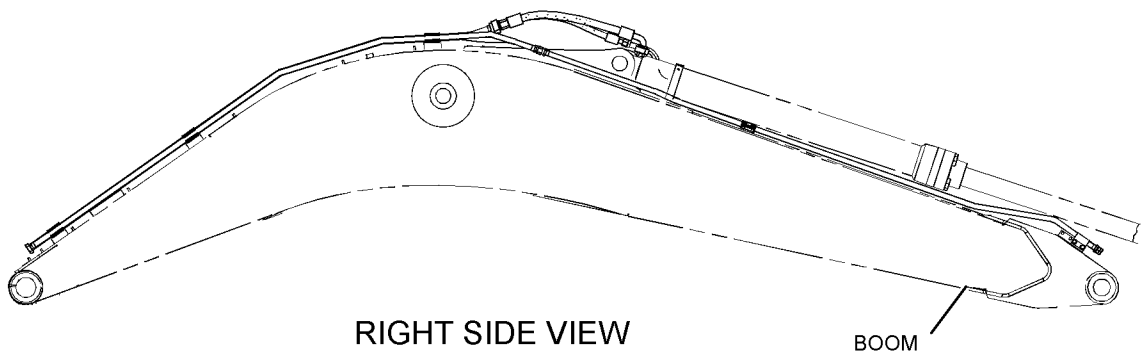
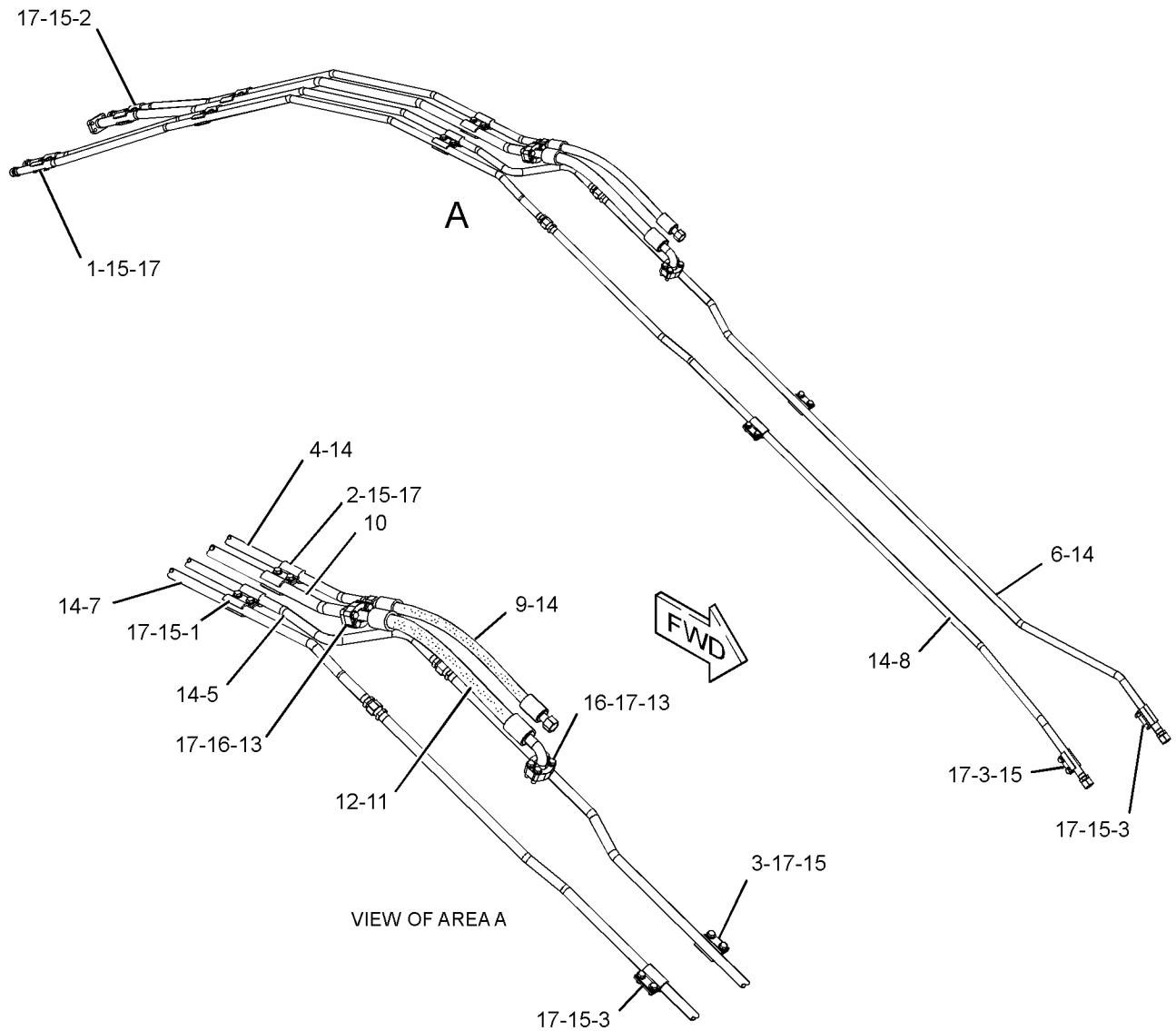
i02793992

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4I-1674	6	CLIP						
	2	1	4I-1676	6	CLIP						
	3	1	7Y-4868	8	CLIP						
	4	1	307-5034	1	TUBE AS						
	5	1	202-3855	1	TUBE AS						
	6	1	202-3856	1	TUBE AS						
	7	1	202-3857	1	TUBE AS						
	8	1	202-3858	1	TUBE AS						
I	9	1	202-6996	1	HOSE AS						
	10	1	260-8315	1	TUBE AS						
I	11	1	260-8316	1	HOSE AS						
	12	1	1P-3703	2	SEAL-RECTANGULAR						
	13	1	6V-0400	4	FLANGE-HALF						
	14	1	6V-9746	9	SEAL-O-RING						
M	15	1	8T-4139	20	BOLT (M12X1.75X30-MM)						
M	16	1	8T-4184	8	BOLT (M12X1.75X45-MM)						
	17	1	8T-4223	28	WASHER-HARD (13.5X25.5X3-MM THK)						
I-REFER TO HYDRAULIC INFORMATION SYSTEM											
M-METRIC PART											

HYDRAULIC SYSTEM

260-8010 LINES GP-BOOM (contd.)

i02793992



GRAPHIC #1

<END>

g01366545

HYDRAULIC SYSTEM

239 - 1699 LINES GP - BOOM CYLINDER

S/N: A6F1-UP; A8F1-UP

PART OF 285-1354, 285-1355 HYDRAULIC AR

SMCS-5057, 5456

i02777396

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	9F-2167	1	SCREW-PURGE (3/8-24-THD)	
M	2	1	101-7398	4	BOLT-SOCKET HEAD (M10X1.5X40-MM)	
I	3	1	108-7354	1	HOSE AS	
I	4	1	124-1047	4	HOSE AS	
	5	1	124-1062	1	SUPPORT AS	
	6	1	133-5828	1	SUPPORT AS	
	7	1	142-7768	1	TUBE AS	
	8	1	142-7769	1	TUBE AS	
Y	9	1	158-9090	1	VALVE GP-SWING CUSHION (FINE SWING)	560
	10	1	164-5552	1	CONNECTOR AS	
		1	3D-2824	1	SEAL-O-RING	
		1	4I-7745	1	CONNECTOR	
		1	6V-8398	1	SEAL-O-RING	
	11	1	234-4492	1	SUPPORT	
	12	1	307-4918	1	CONNECTOR AS	
		1	5K-9090	1	SEAL-O-RING	
		1	7M-8485	1	SEAL-O-RING	
		1	307-4919	1	CONNECTOR	
M	13	1	101-7404	4	BOLT-SOCKET HEAD (M10X1.5X30-MM)	
	14	1	108-7550	1	CLIP	
	15	1	148-8336	1	CONNECTOR AS	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-8636	1	CONNECTOR	
	16	1	148-8353	1	ELBOW AS	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-9001	1	ELBOW	
	17	1	148-8364	1	ELBOW AS	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-8398	1	SEAL-O-RING	
		1	6V-8625	1	ELBOW	
	18	1	148-8367	1	ELBOW AS	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-9850	1	ELBOW	
	19	1	148-8444	1	TEE AS-SWIVEL	
		1	6V-8398	2	SEAL-O-RING	
		1	6V-9837	1	TEE-SWIVEL	
	20	1	1P-3703	2	SEAL-RECTANGULAR	
	21	1	4I-1674	2	CLIP	
	22	1	5P-1076	2	WASHER-HARD (13.5X30X4-MM THK)	
	23	1	6V-9746	4	SEAL-O-RING	
	24	1	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)	
M	25	1	8T-4139	2	BOLT (M12X1.75X30-MM)	
M	26	1	8T-4178	6	BOLT (M10X1.5X90-MM)	
M	27	1	8T-4182	8	BOLT (M10X1.5X45-MM)	
M	28	1	8T-4192	2	BOLT (M12X1.75X25-MM)	
	29	1	8T-4223	6	WASHER-HARD (13.5X25.5X3-MM THK)	
M	30	1	8T-4648	2	BOLT (M12X1.75X70-MM)	
M	31	1	8T-4910	2	BOLT (M12X1.75X60-MM)	
	32	1	8T-9403	4	FLANGE-HALF	

I - REFER TO HYDRAULIC INFORMATION SYSTEM

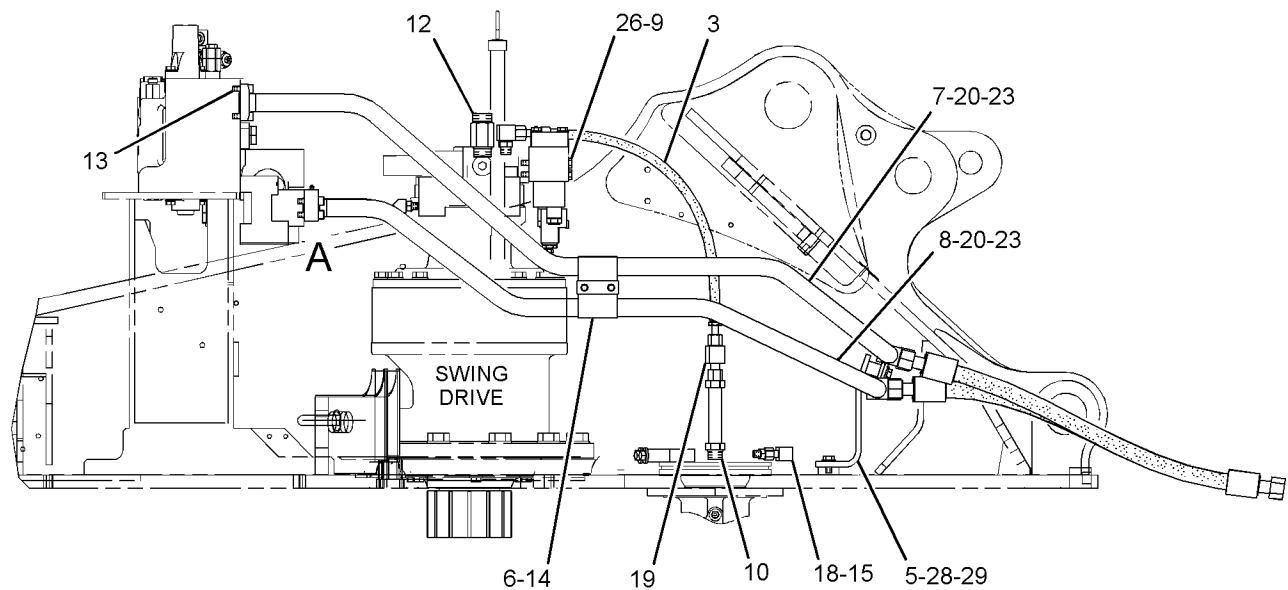
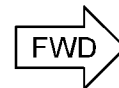
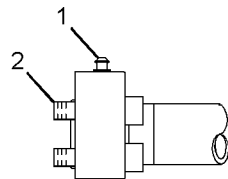
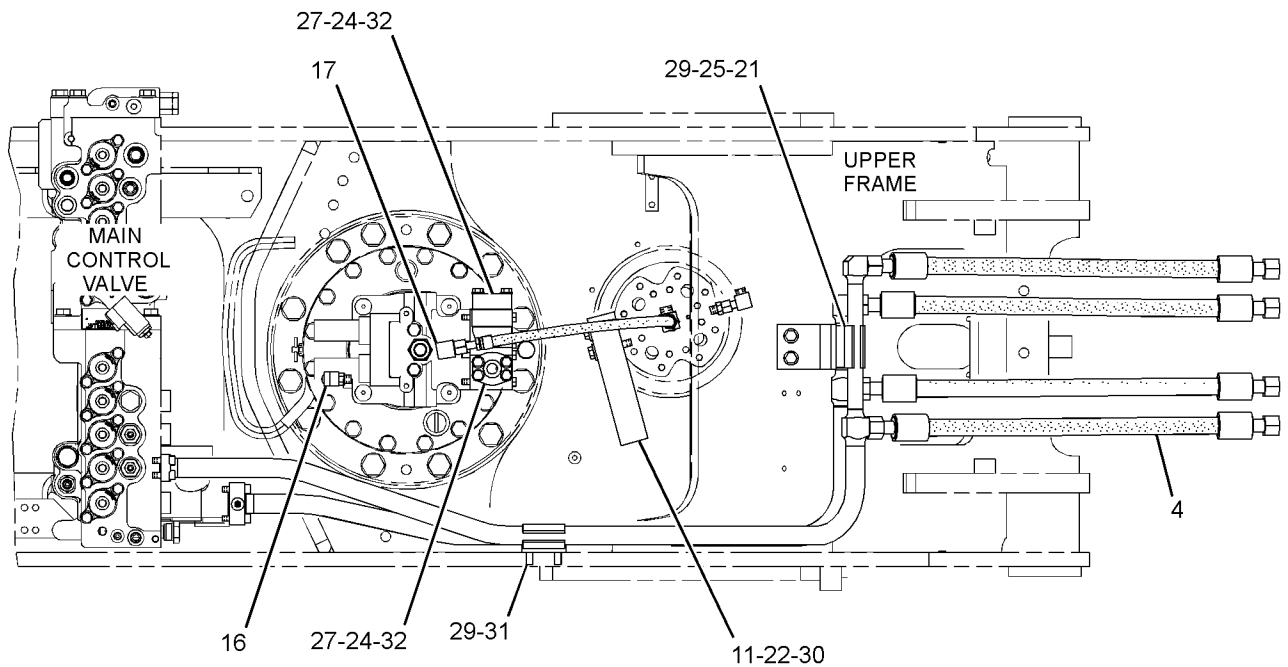
M - METRIC PART

Y - SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

239 - 1699 LINES GP - BOOM CYLINDER (contd.)

i02777396



GRAPHIC #1

<END>

g01393127

HYDRAULIC SYSTEM

242-6732 LINES GP-BOOM CYLINDER-LH

S/N: A6F1-UP; A8F1-UP

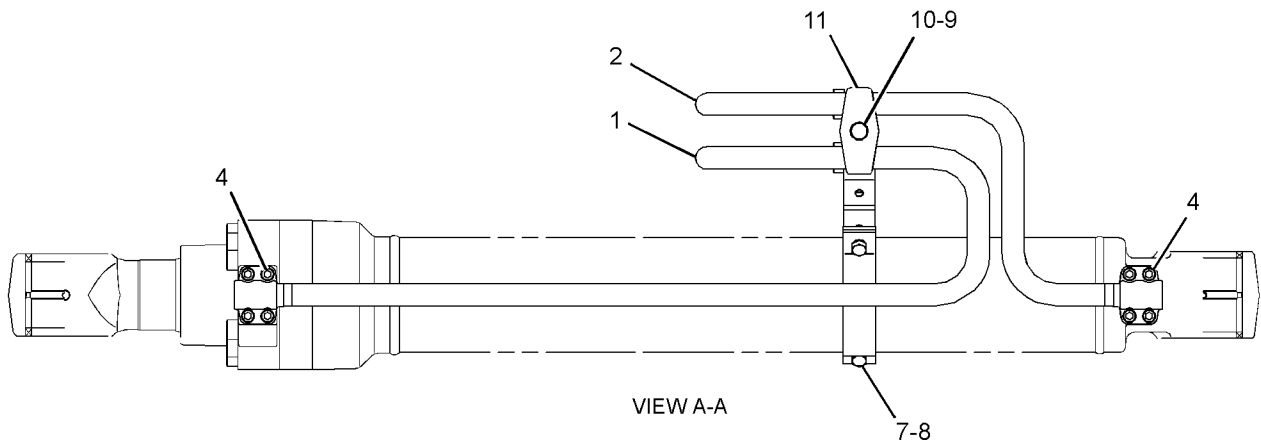
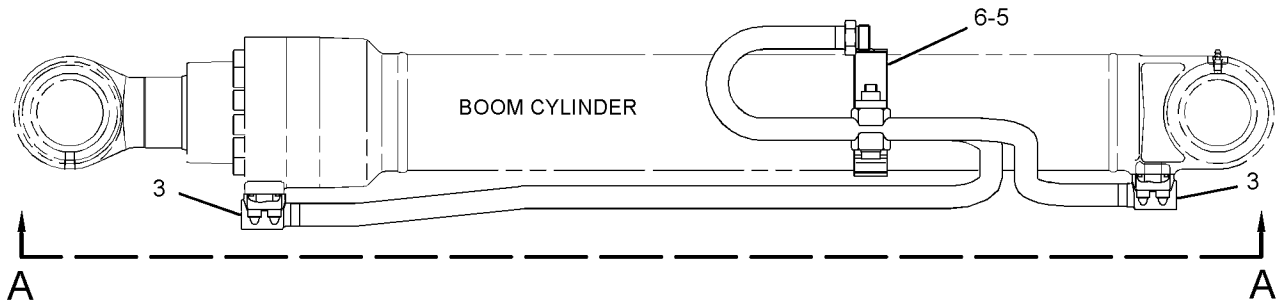
PART OF 242-6730 CYLINDER & LINES GP-BOOM
AN ATTACHMENT

SMCS-5057, 5456

i02793746

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	247-8869	1	TUBE AS						
	2	1	222-0126	1	TUBE AS						
	3	1	095-1597	2	SEAL-O-RING						
M	4	1	9X-6032	8	BOLT-SOCKET HEAD (M10X1.5X30-MM)						
	5	1	137-3709	1	SUPPORT						
	6	1	4I-3621	1	SUPPORT						
M	7	1	8T-4196	2	BOLT (M10X1.5X35-MM)						
	8	1	8T-4896	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
M	9	1	8T-3653	1	BOLT (M14X2X80-MM)						
	10	1	3B-4509	1	LOCKWASHER						
	11	1	094-1920	2	CLAMP						

M-METRIC PART



GRAPHIC #1

<END>

g01220547

HYDRAULIC SYSTEM

242-6737 LINES GP-BOOM CYLINDER-RH

S/N: A6F1-UP; A8F1-UP

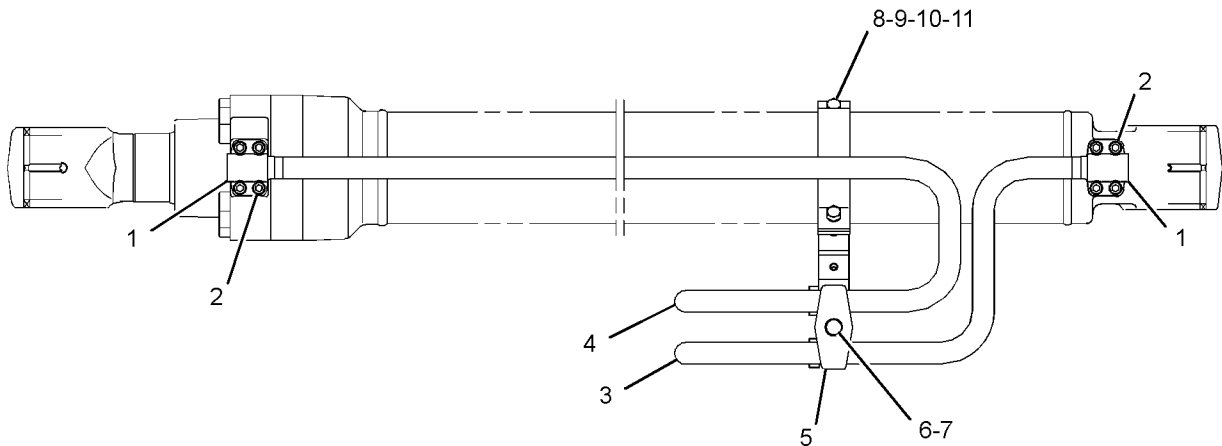
PART OF 242-6736 CYLINDER & LINES GP-BOOM
AN ATTACHMENT

SMCS-5057, 5456

i02793708

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	095-1597	2	SEAL-O-RING						
M	2	1	9X-6032	8	BOLT-SOCKET HEAD (M10X1.5X30-MM)						
	3	1	222-0124	1	TUBE AS						
	4	1	247-8870	1	TUBE AS						
	5	1	094-1920	2	CLAMP						
M	6	1	8T-3653	1	BOLT (M14X2X80-MM)						
	7	1	3B-4509	1	LOCKWASHER						
M	8	1	8T-4196	2	BOLT (M10X1.5X35-MM)						
	9	1	8T-4896	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	10	1	4I-3621	1	SUPPORT						
	11	1	137-3709	1	SUPPORT						

M-METRIC PART



GRAPHIC #1

<END>

g01221624

HYDRAULIC SYSTEM

187-5693 LINES GP-BUCKET CYLINDER

S/N: A6F1-UP; A8F1-UP

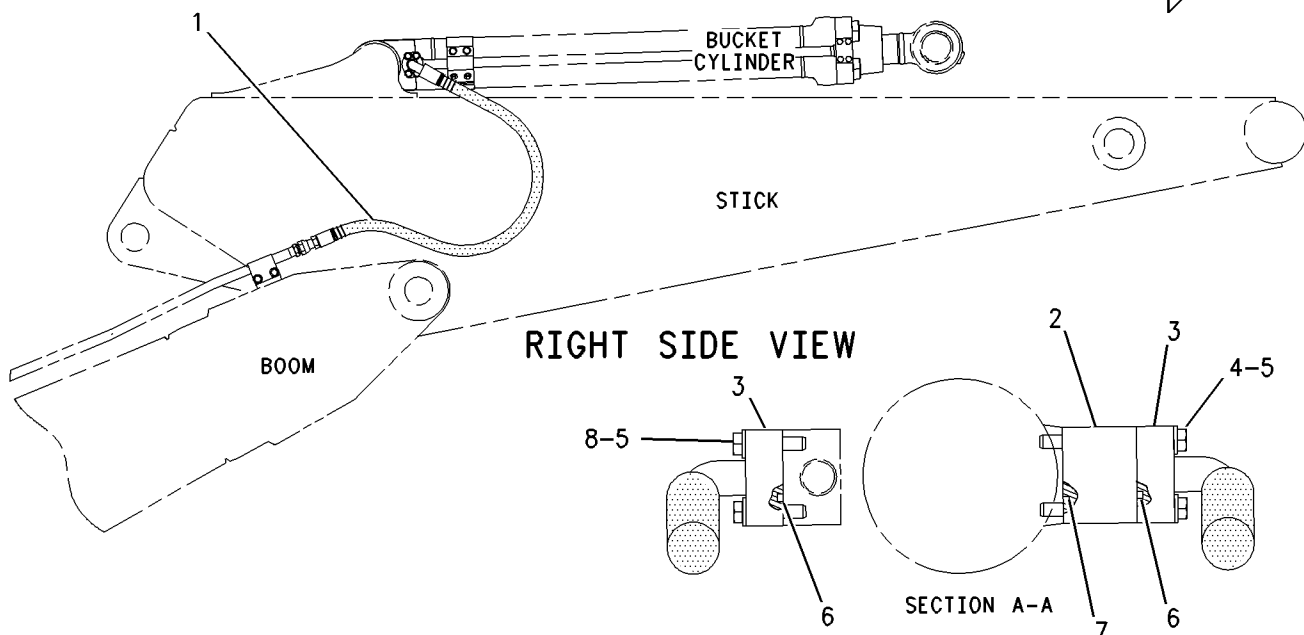
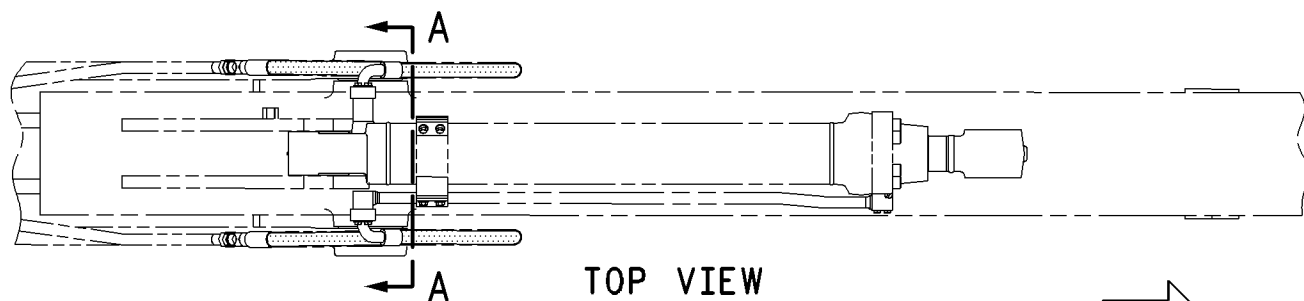
PART OF 240-3849, 240-3851 STICK AR-HOE
AN ATTACHMENT

SMCS-5457

i01389036

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	4I-8785	2	HOSE AS						
	2	1	5I-4174	1	BLOCK						
	3	1	1P-5765	4	FLANGE-HALF						
M	4	1	8T-4198	4	BOLT (M10X1.5X100-MM)						
	5	1	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)						
	6	1	1P-3702	2	SEAL-RECTANGULAR						
	7	1	1P-3703	1	SEAL-RECTANGULAR						
M	8	1	8T-4182	4	BOLT (M10X1.5X45-MM)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART



GRAPHIC #1

<END>

g00708137

HYDRAULIC SYSTEM

225-4592 LINES GP-BUCKET CYLINDER

S/N: A6F1-UP; A8F1-UP

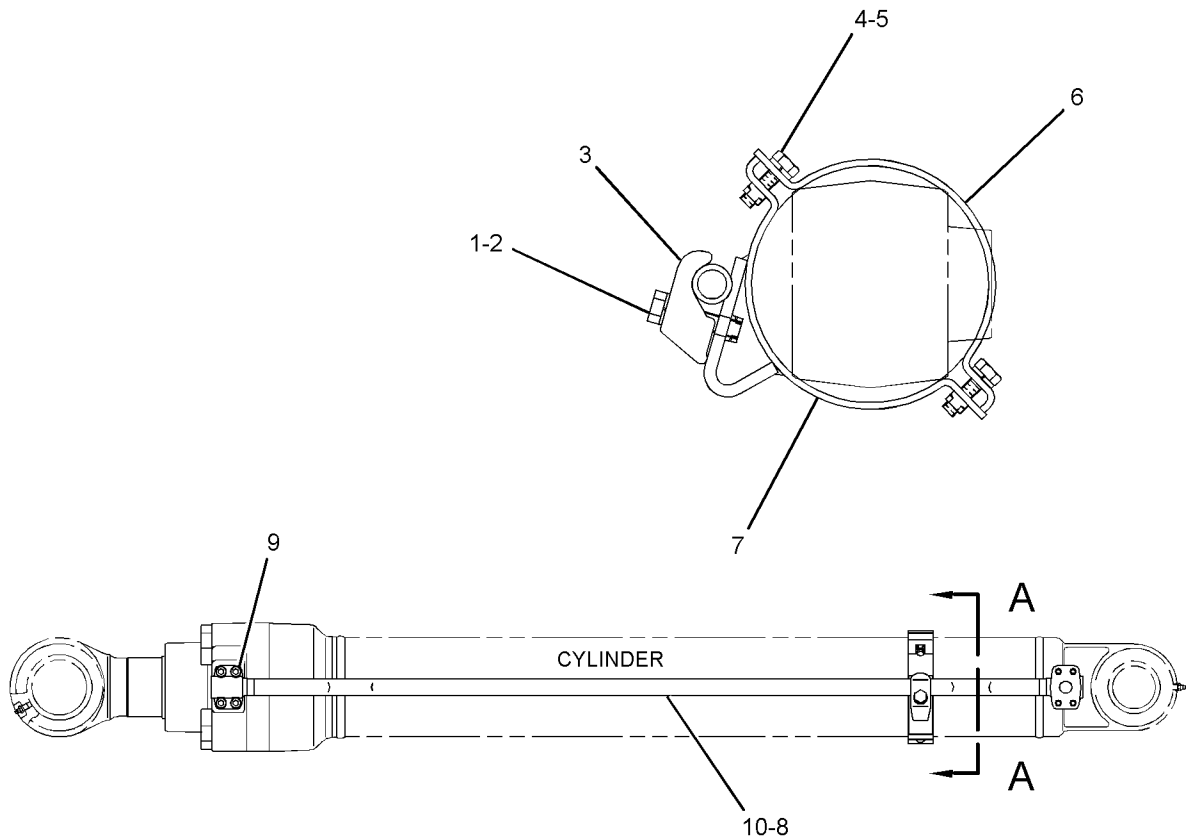
PART OF 225-4590 CYLINDER & LINES GP-BUCKET
AN ATTACHMENT

SMCS-5457

i02791330

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8T-4223	1	WASHER-HARD (13.5X25.5X3-MM THK)						
M	2	1	8T-4910	1	BOLT (M12X1.75X60-MM)						
	3	1	096-4480	1	CLAMP						
	4	1	8T-4896	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
M	5	1	8T-4196	2	BOLT (M10X1.5X35-MM)						
	6	1	234-4592	1	SUPPORT						
	7	1	234-4591	1	SUPPORT AS						
	8	1	095-1597	1	SEAL-O-RING						
M	9	1	9X-6032	4	BOLT-SOCKET HEAD (M10X1.5X30-MM)						
	10	1	259-0647	1	TUBE AS						

M-METRIC PART



GRAPHIC #1

<END>

g01188200

HYDRAULIC SYSTEM

242-6757 LINES GP-BUCKET CYLINDER

S/N: A6F1-UP; A8F1-UP

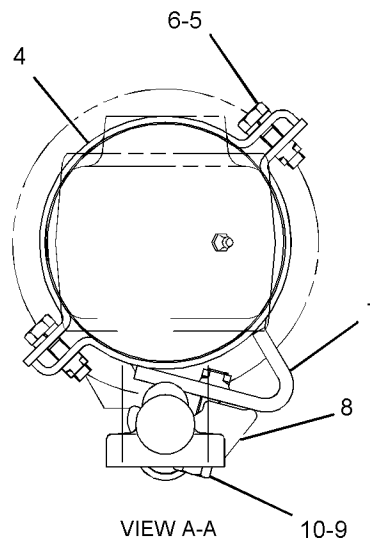
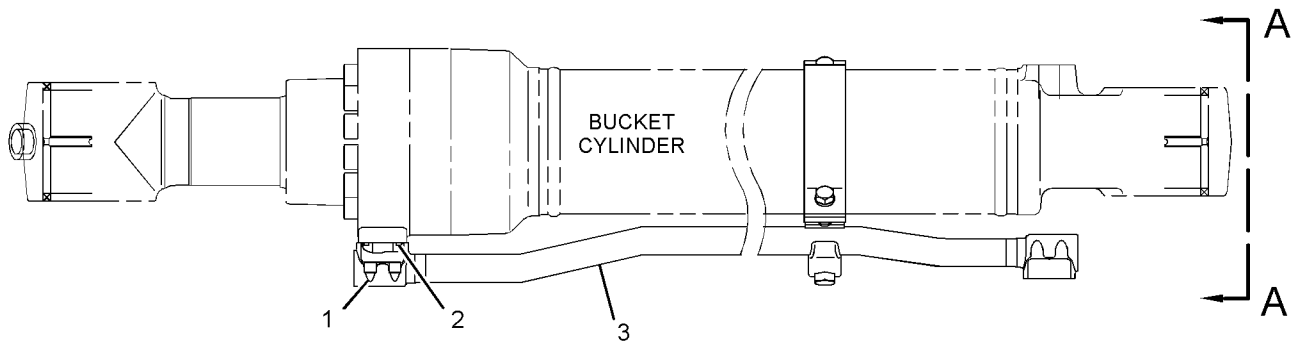
PART OF 242-6755 CYLINDER & LINES GP-BUCKET
AN ATTACHMENT

SMCS-5457

i02793298

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	9X-6032	4	BOLT-SOCKET HEAD (M10X1.5X30-MM)						
	2	1	095-1597	1	SEAL-O-RING						
	3	1	274-2547	1	TUBE AS						
	4	1	096-4412	1	SUPPORT						
M	5	1	8T-4196	2	BOLT (M10X1.5X35-MM)						
	6	1	8T-4896	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	7	1	124-1034	1	SUPPORT AS						
	8	1	096-4480	1	CLAMP						
M	9	1	8T-4910	1	BOLT (M12X1.75X60-MM)						
	10	1	8T-4223	1	WASHER-HARD (13.5X25.5X3-MM THK)						

M-METRIC PART



VIEW A-A

GRAPHIC #1

<END>

g01220243

HYDRAULIC SYSTEM

260-8011 LINES GP-BUCKET CYLINDER

S/N: A6F1-UP; A8F1-UP

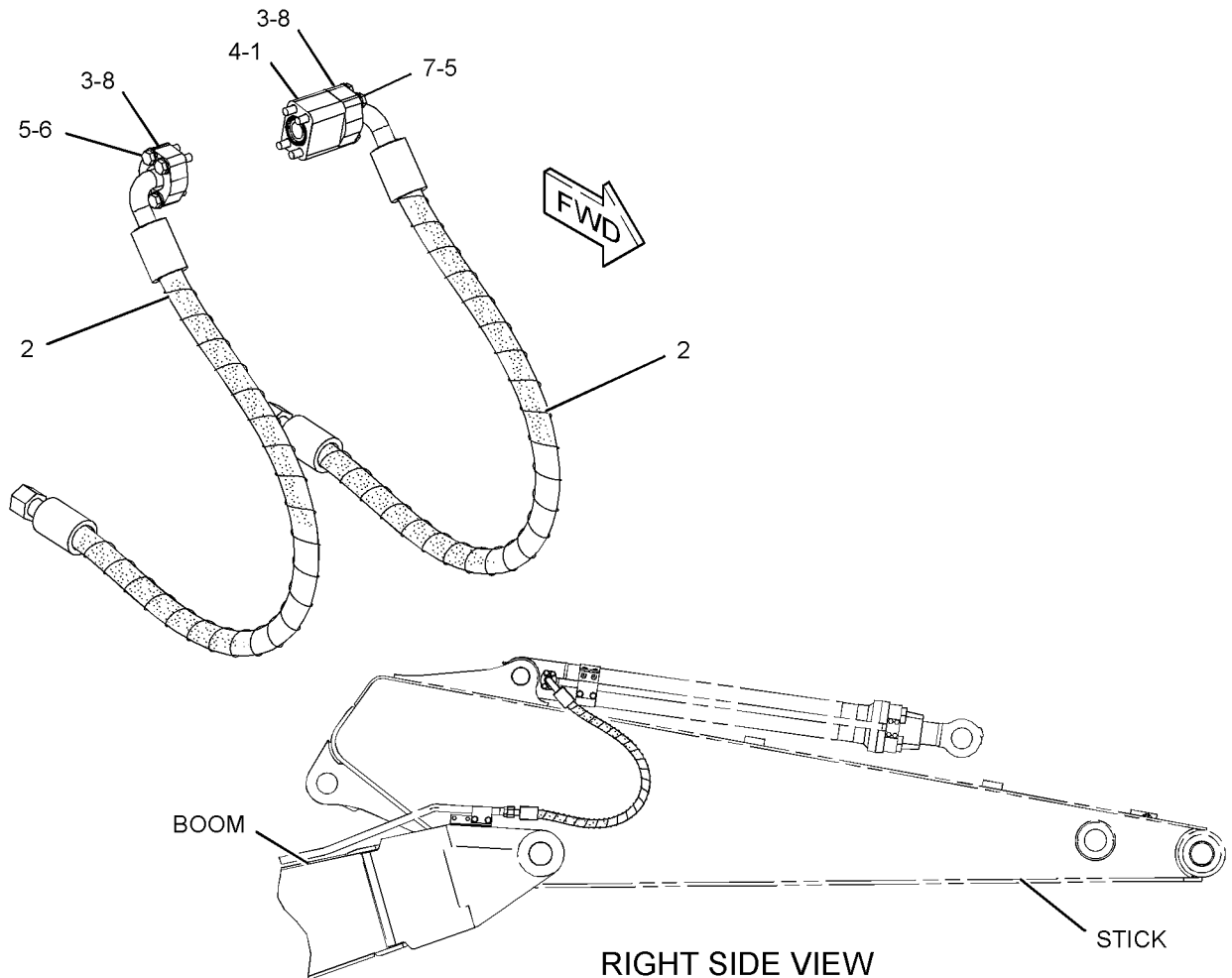
PART OF 240-3854, 240-3882 STICK AR-HOE
AN ATTACHMENT

SMCS-5457

i02764645

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5I-4174	1	BLOCK						
I	2	1	187-6058	2	HOSE AS						
	3	1	1P-3702	2	SEAL-RECTANGULAR						
	4	1	1P-3703	1	SEAL-RECTANGULAR						
	5	1	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)						
M	6	1	8T-4182	4	BOLT (M10X1.5X45-MM)						
M	7	1	8T-4198	4	BOLT (M10X1.5X100-MM)						
	8	1	8T-9403	4	FLANGE-HALF						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART



g01224077

HYDRAULIC SYSTEM

242 - 6478 LINES GP - COUPLER-REACH BOOM

S/N: A6F1-UP; A8F1-UP

AN ATTACHMENT

SMCS-5057, 5133

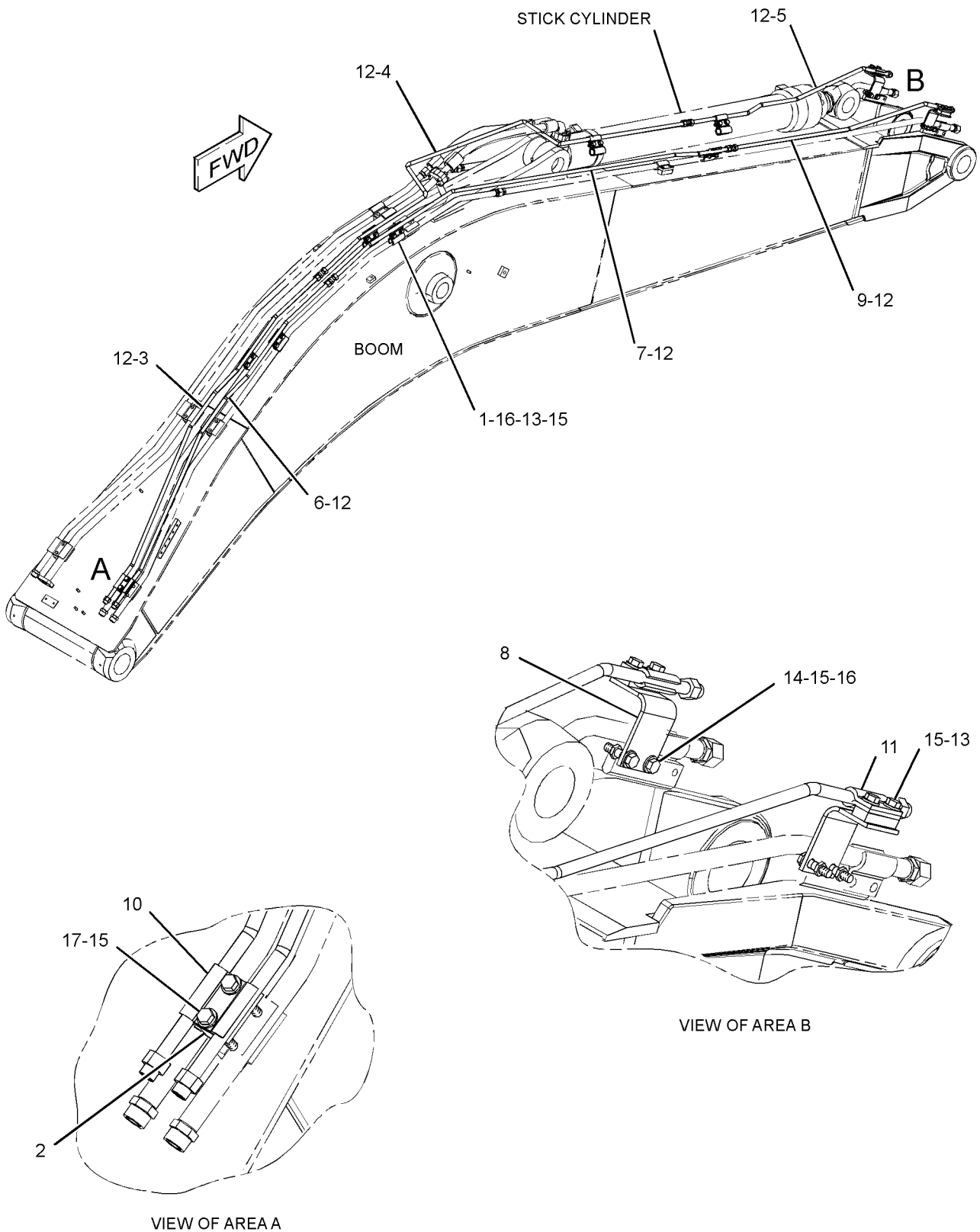
i02792939

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	5Q-4213	14	CLIP	
	2	1	153-8839	1	PLATE	
	3	1	247-9164	1	TUBE AS	
	4	1	247-9169	1	TUBE AS	
	5	1	247-9173	1	TUBE AS	
	6	1	247-9177	1	TUBE AS	
	7	1	247-9181	1	TUBE AS	
	8	1	247-9294	2	SUPPORT AS	
	9	1	262-3589	1	TUBE AS	
	10	1	135-3980	2	CLIP	
	11	1	5Q-4212	4	CLIP	
	12	1	6V-8398	8	SEAL-O-RING	
M	13	1	8T-4139	18	BOLT (M12X1.75X30-MM)	
M	14	1	8T-4184	4	BOLT (M12X1.75X45-MM)	
	15	1	8T-4223	24	WASHER-HARD (13.5X25.5X3-MM THK)	
M	16	1	8T-4244	18	NUT (M12X1.75-THD)	
M	17	1	8T-6868	2	BOLT (M12X1.75X80-MM)	
M-METRIC PART						

HYDRAULIC SYSTEM

242-6478 LINES GP-COUPLER (contd.)

i02792939



GRAPHIC #1

<END>

g01398275

HYDRAULIC SYSTEM

242 - 6482 LINES GP - COUPLER—MASS BOOM

S/N: A6F1-UP; A8F1-UP

AN ATTACHMENT

SMCS-5057, 5133

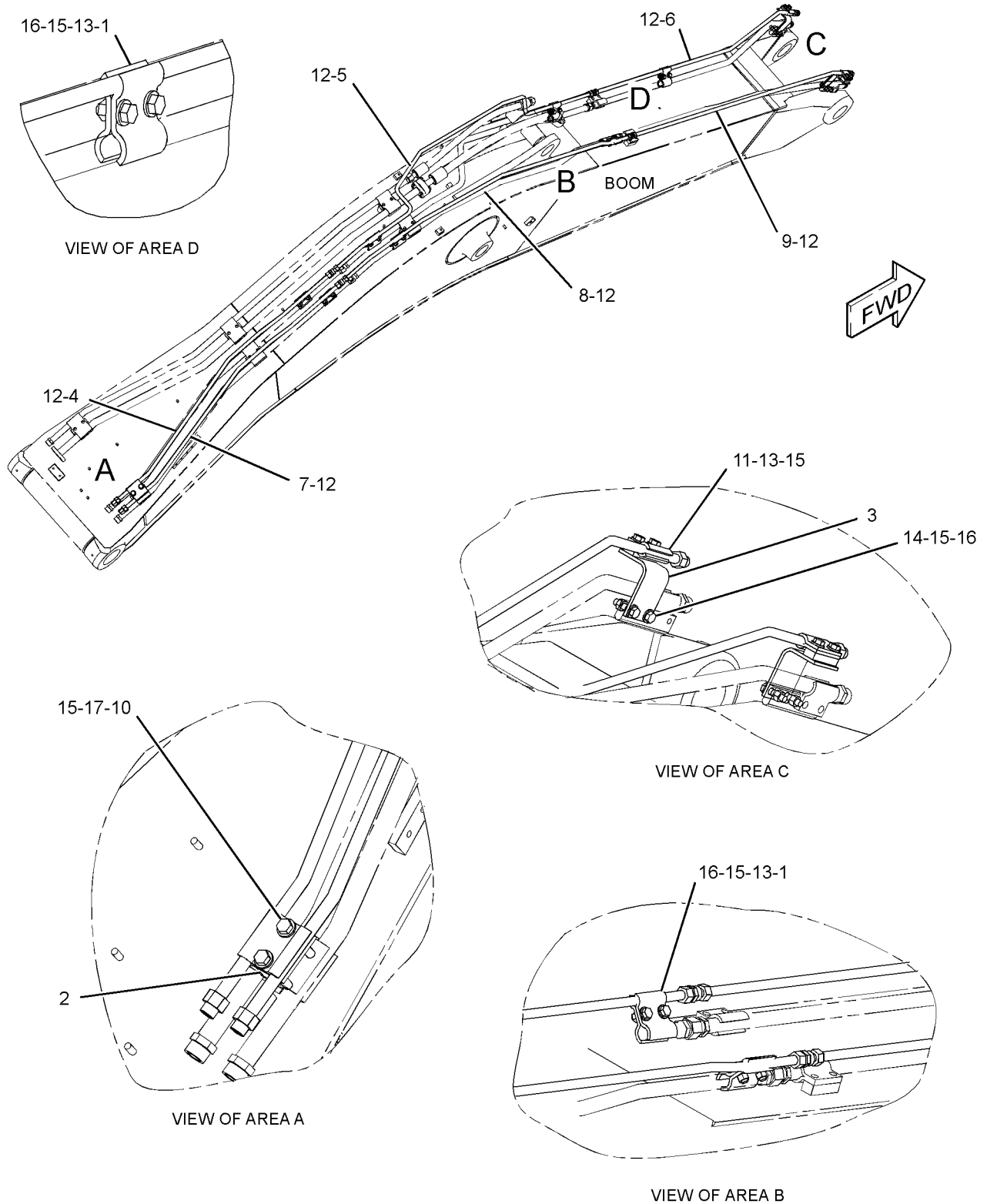
i02792847

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	5Q-4213	14	CLIP	
	2	1	153-8839	1	PLATE	
	3	1	247-9294	2	SUPPORT AS	
	4	1	268-6971	1	TUBE AS	
	5	1	268-6974	1	TUBE AS	
	6	1	268-6977	1	TUBE AS	
	7	1	268-6980	1	TUBE AS	
	8	1	268-6983	1	TUBE AS	
	9	1	268-6986	1	TUBE AS	
	10	1	135-3980	2	CLIP	
	11	1	5Q-4212	4	CLIP	
	12	1	6V-8398	8	SEAL-O-RING	
M	13	1	8T-4139	18	BOLT (M12X1.75X30-MM)	
M	14	1	8T-4184	4	BOLT (M12X1.75X45-MM)	
	15	1	8T-4223	24	WASHER-HARD (13.5X25.5X3-MM THK)	
M	16	1	8T-4244	18	NUT (M12X1.75-THD)	
M	17	1	8T-6868	2	BOLT (M12X1.75X80-MM)	
M-METRIC PART						

HYDRAULIC SYSTEM

242-6482 LINES GP-COUPLER (contd.)

i02792847



GRAPHIC #1

<END>

g01230965

HYDRAULIC SYSTEM

242 - 6486 LINES GP-COUPLER-REACH

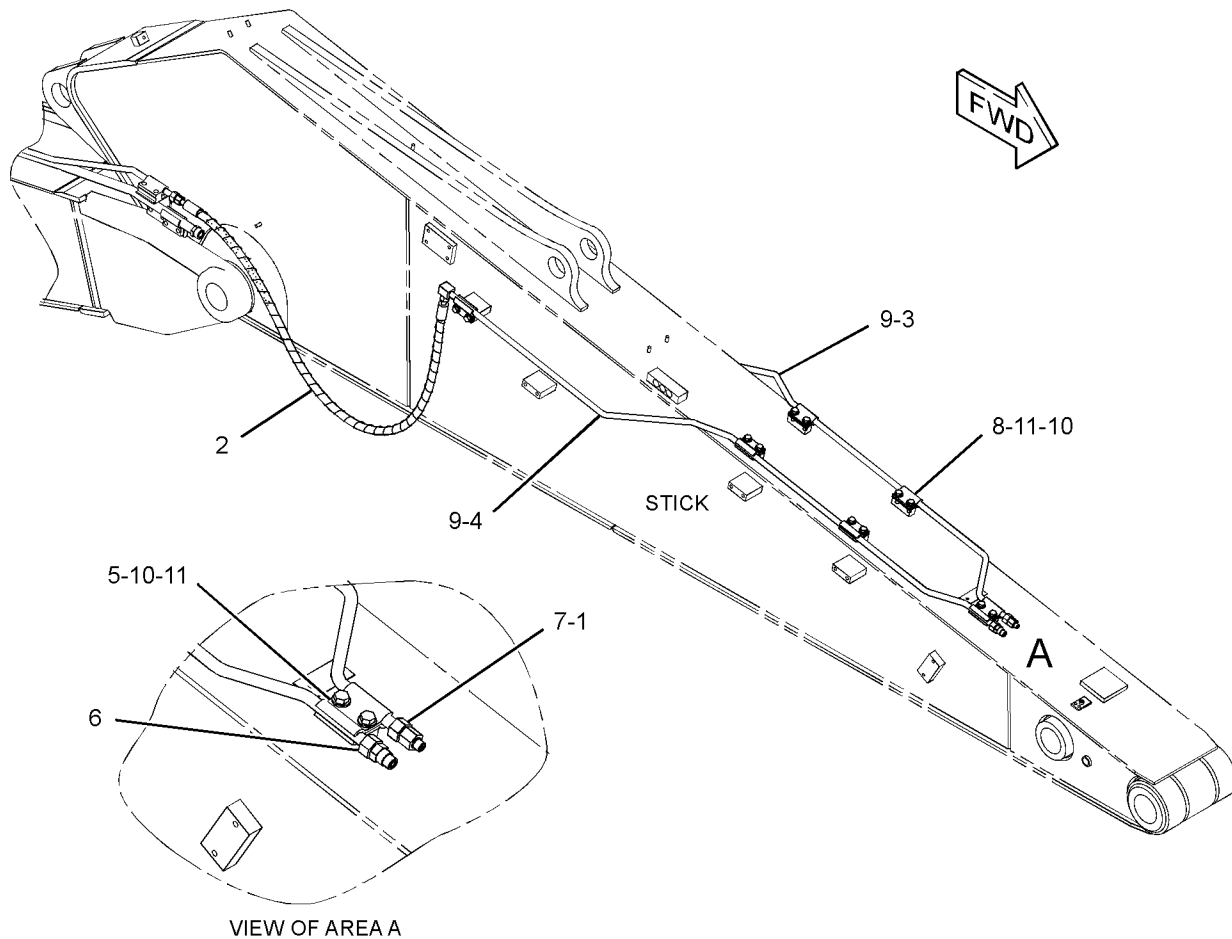
S/N: A6F1-UP; A8F1-UP
AN ATTACHMENT

SMCS-5057, 5133

i02791395

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	9X-6582	1	NUT (13/16-16-THD)						
	2	1	177-8572	2	HOSE AS						
	3	1	262-3407	1	TUBE AS						
	4	1	262-3410	1	TUBE AS						
	5	1	135-3980	2	CLIP						
	6	1	148-8415	1	REDUCER AS						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8936	1	REDUCER						
	7	1	148-8419	1	REDUCER AS						
		1	4J-5477	1	SEAL-O-RING						
	1	6V-8935	1	REDUCER-O-RING							
	8	1	5Q-4212	12	CLIP						
	9	1	6V-8398	4	SEAL-O-RING						
	10	1	8T-4223	14	WASHER-HARD (13.5X25.5X3-MM THK)						
M	11	1	8T-4956	14	BOLT (M12X1.75X35-MM)						

I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART



GRAPHIC #1

<END>

g01229788

HYDRAULIC SYSTEM

242-6490 LINES GP-COUPLER

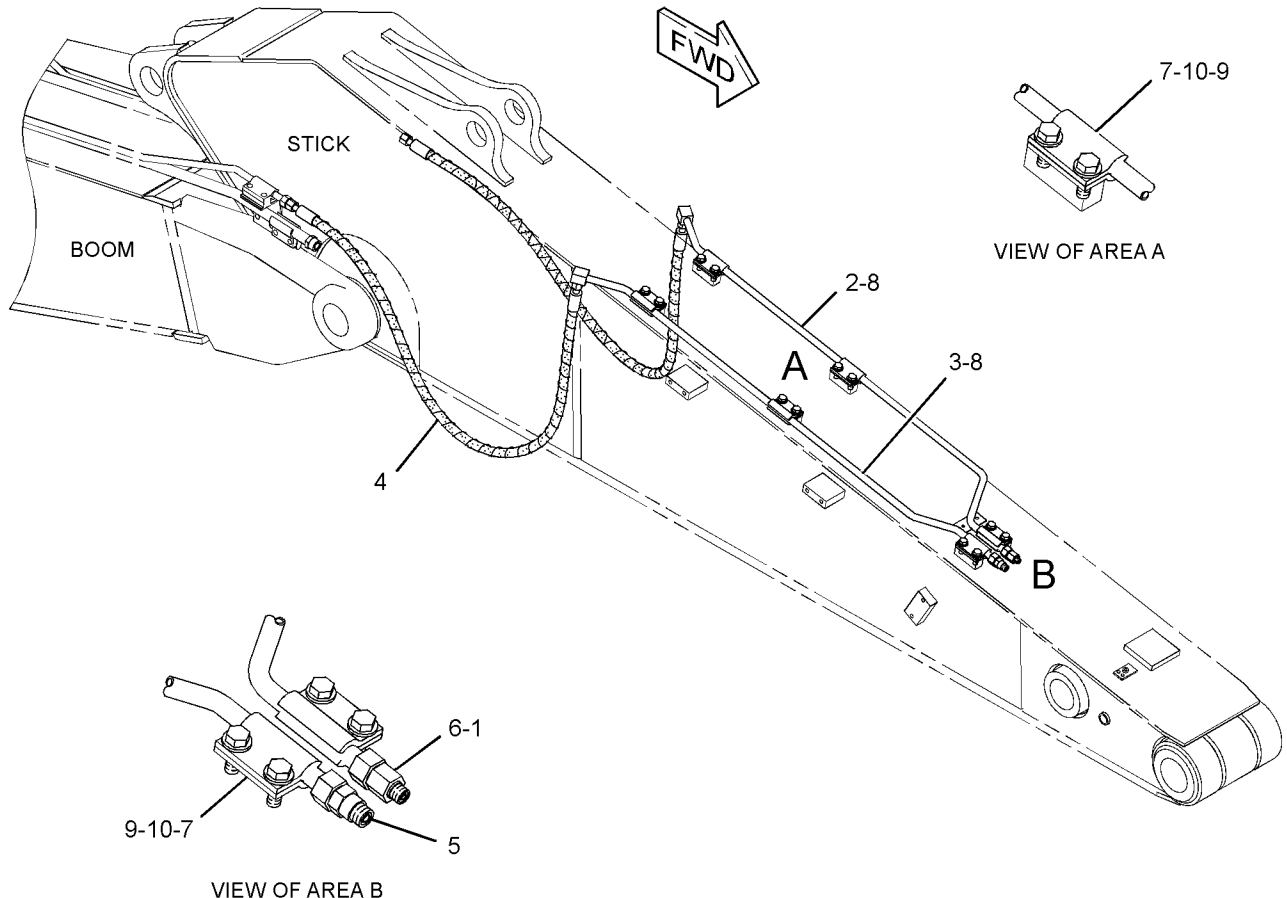
S/N: A6F1-UP; A8F1-UP
2.92-M (9.6-FT) STICK
AN ATTACHMENT

SMCS-5057, 5133

i02791315

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-6582	1	NUT (13/16-16-THD)						
	2	1	253-6548	1	TUBE AS						
	3	1	253-6551	1	TUBE AS						
I	4	1	262-3390	2	HOSE AS						
	5	1	148-8415	1	REDUCER AS						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8936	1	REDUCER						
	6	1	148-8419	1	REDUCER AS						
		1	4J-5477	1	SEAL-O-RING						
		1	6V-8935	1	REDUCER-O-RING						
	7	1	5Q-4212	12	CLIP						
	8	1	6V-8398	4	SEAL-O-RING						
	9	1	8T-4223	12	WASHER-HARD (13.5X25.5X3-MM THK)						
M	10	1	8T-4956	12	BOLT (M12X1.75X35-MM)						

I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART



GRAPHIC #1

<END>

g01217350

HYDRAULIC SYSTEM

242-6494 LINES GP-COUPLER

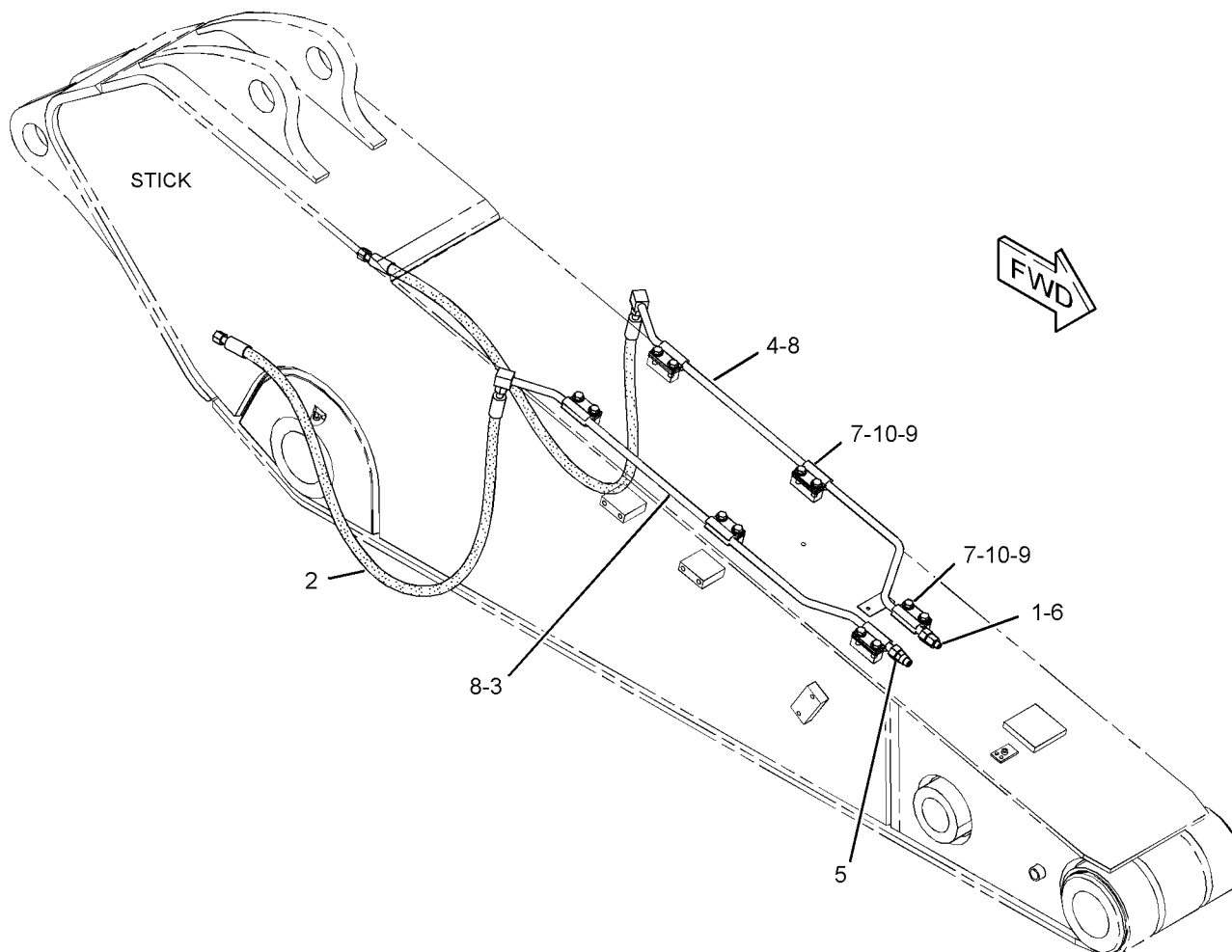
S/N: A6F1-UP; A8F1-UP
2.4 TO 2.5-M (7.9 TO 8.2-FT) STICK
AN ATTACHMENT

SMCS-5057, 5133

i02791294

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-6582	1	NUT (13/16-16-THD)						
I	2	1	210-9966	2	HOSE AS						
	3	1	253-6688	1	TUBE AS						
	4	1	253-6691	1	TUBE AS						
	5	1	148-8415	1	REDUCER AS						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8936	1	REDUCER						
	6	1	148-8419	1	REDUCER AS						
		1	4J-5477	1	SEAL-O-RING						
		1	6V-8935	1	REDUCER-O-RING						
	7	1	5Q-4212	12	CLIP						
	8	1	6V-8398	4	SEAL-O-RING						
	9	1	8T-4223	12	WASHER-HARD (13.5X25.5X3-MM THK)						
M	10	1	8T-4956	12	BOLT (M12X1.75X35-MM)						

I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART



GRAPHIC #1

<END>

g01236506

HYDRAULIC SYSTEM

239 - 1714 LINES GP - FRONT

S/N: A6F1-UP; A8F1-UP

PART OF 285-1354, 285-1355 HYDRAULIC AR

SMCS-5057

i02778313

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7Y-3730	2	FLANGE-SPECIAL						
M	2	1	101-7403	2	BOLT-SOCKET HEAD (M10X1.5X80-MM)						
M	3	1	105-3477	8	BOLT-SOCKET HEAD (M10X1.5X45-MM)						
M	4	1	105-3483	2	BOLT-SOCKET HEAD (M10X1.5X70-MM)						
	5	1	113-6479	2	FLANGE-SPECIAL						
I	6	1	165-3185	1	HOSE AS						
I	7	1	165-3190	1	HOSE AS						
I	8	1	165-3194	1	HOSE AS						
Y	9	1	194-0174	1	HOSE GP-HYDRAULIC (CONTROL VALVE, STICK)						323
Y	10	1	194-0180	1	HOSE GP-HYDRAULIC (CONTROL VALVE, BOOM)						325
Y	11	1	214-4511	1	FITTING GP-HYDRAULIC (4-BOLT FLANGE)						314
Y	12	1	236-3212	1	HOSE GP-HYDRAULIC (FRONT)						328
Y	13	1	236-3213	1	HOSE GP-HYDRAULIC (FRONT)						328
I	14	1	289-5672	1	HOSE AS						
Y	15	1	255-5680	1	VALVE GP-LOAD CONTROL (STICK DRIFT RED, LINE RELIEF)						517
Y	16	1	255-5683	1	VALVE GP-LOAD CONTROL (BOOM DRIFT RED, LINE RELIEF)						519
Y	17	1	260-7910	1	HOSE GP-HYDRAULIC (FRONT)						331
I	18	1	260-7988	1	HOSE AS						
I	19	1	260-7992	1	HOSE AS						
I	20	1	260-7996	1	HOSE AS						
I	21	1	260-8000	1	HOSE AS						
M	22	1	101-7397	4	BOLT-SOCKET HEAD (M12X1.75X50-MM)						
M	23	1	101-7404	42	BOLT-SOCKET HEAD (M10X1.5X30-MM)						
M	24	1	199-1286	6	BOLT-SOCKET HEAD (M10X1.5X150-MM)						
	25	1	1P-3702	4	SEAL-RECTANGULAR						
	26	1	1P-3703	9	SEAL-RECTANGULAR						
	27	1	4J-5267	10	SEAL-O-RING						
	28	1	4J-5268	1	SEAL-O-RING						
	29	1	5K-9090	5	SEAL-O-RING						
	30	1	6V-0400	4	FLANGE-HALF						
	31	1	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)						
M	32	1	8T-4194	4	BOLT (M12X1.75X50-MM)						
	33	1	8T-4223	8	WASHER-HARD (13.5X25.5X3-MM THK)						
	34	1	8T-9403	4	FLANGE-HALF						

I-REFER TO HYDRAULIC INFORMATION SYSTEM

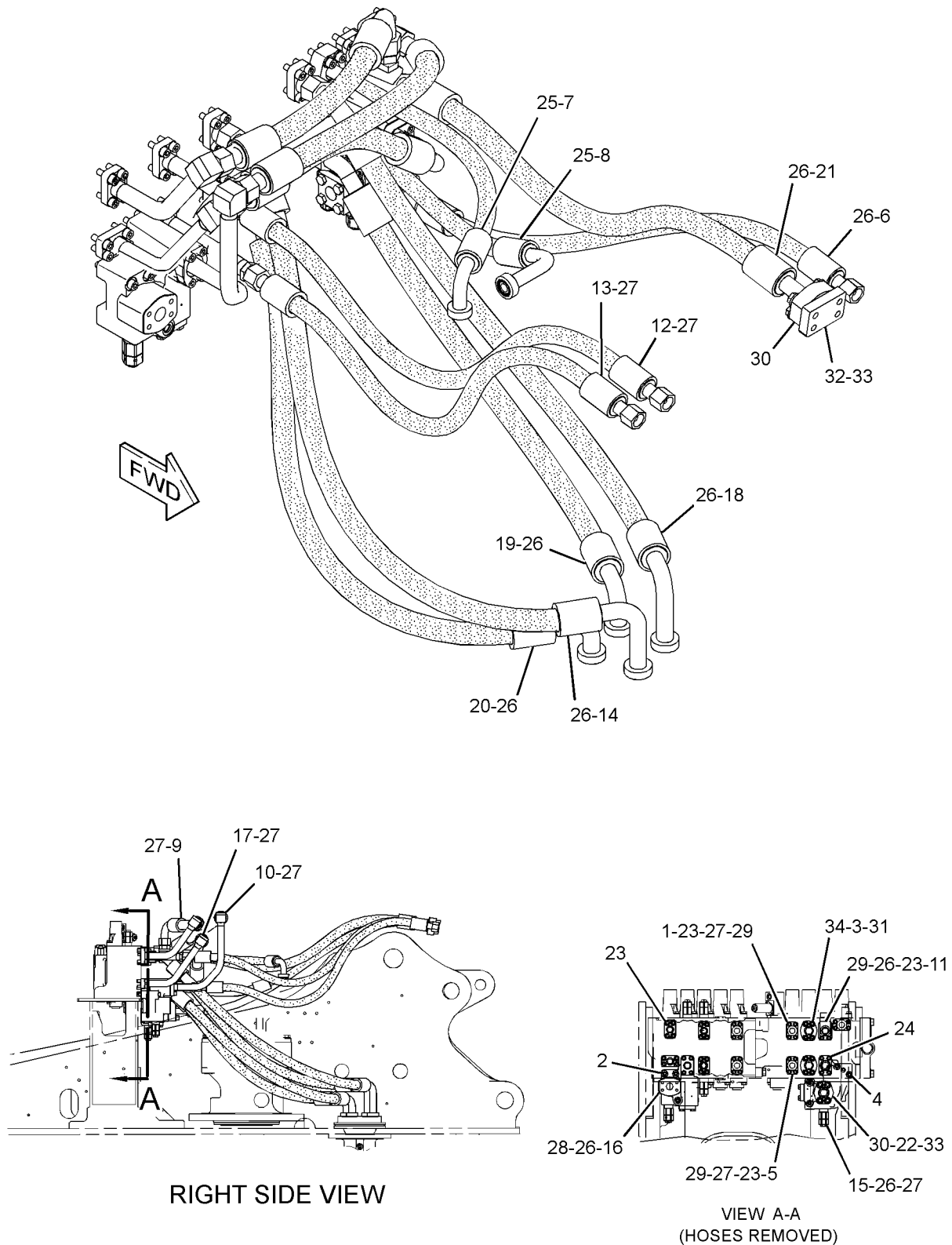
M-METRIC PART

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

239 - 1714 LINES GP - FRONT (contd.)

i02778313



GRAPHIC #1

<END>

g01227428

HYDRAULIC SYSTEM

260-8006 LINES GP - FRONT

S/N: A6F1-UP; A8F1-UP

PART OF 259-7492 CONTROL AR-AUXILIARY
AN ATTACHMENT

SMCS-5057

i02765829

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	7Y-3731	1	FLANGE	
I	2	1	102-1248	1	HOSE AS	
Y	3	2	177-2653	1	VALVE GP-RELIEF (WITH BLOCK) (WORK TOOL)	538
JI	4	1	184-3906	1	HOSE AS	
	5	1	204-3737	1	FLANGE-SPECIAL	
Z	6	2		1	BLOCK	
	7	1	212-5148	1	BLOCK	
	8	2	218-1139	1	BLOCK	
I	9	1	230-0185	1	HOSE AS	
	10	1	260-7872	1	SUPPORT AS	
	11	2	260-8043	1	BLOCK	
	12	2	266-0898	1	SUPPORT AS	
	13	2	266-0900	1	SUPPORT AS	
	14	2	266-0912	1	BRACKET	
	15	2	266-0913	1	SUPPORT AS	
	16	1	266-1071	1	SUPPORT AS	
	17	2	099-8232	1	SEAL-O-RING	
M	18	1	101-7402	4	BOLT-SOCKET HEAD (M12X1.75X30-MM)	
M	19	1,2	101-7404	8	BOLT-SOCKET HEAD (M10X1.5X30-MM)	
	20	1	148-8323	1	CONNECTOR AS	
		1	2S-4078	1	SEAL-O-RING	
		1	5K-9090	1	SEAL-O-RING	
		1	6V-9875	1	CONNECTOR	
	21	1	148-8352	1	ELBOW AS	
		1	5K-9090	1	SEAL-O-RING	
		1	6V-9854	1	ELBOW (SWIVEL)	
	22	2	148-8357	1	ELBOW AS	
		2	5K-9090	1	SEAL-O-RING	
		2	6V-9008	1	ELBOW	
		2	7M-8485	1	SEAL-O-RING	
	23	1	148-8411	1	PLUG AS	
		1	3K-0360	1	SEAL-O-RING	
		1	9S-4185	1	PLUG-O-RING	
	24	2	148-8429	1	TEE AS	
		2	5K-9090	2	SEAL-O-RING	
		2	6V-9840	1	TEE-SWIVEL	
	25	2	164-4180	2	PLUG AS	
					(EACH INCLUDES)	
		2	7M-8485	1	SEAL-O-RING	
		2	9S-4181	1	PLUG-O-RING	
	26	1	173-4664	1	FLANGE	
	27	1,2	1P-3703	5	SEAL-RECTANGULAR	
	28	1,2	5K-9090	3	SEAL-O-RING	
	29	1	5P-7468	2	CLIP (SLOT)	
	30	1	5P-7469	2	CLIP (TAB)	
	31	1	6V-1874	2	GROMMET	
	32	1,2	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)	
M	33	1,2	8T-4136	6	BOLT (M10X1.5X25-MM)	
M	34	2	8T-4176	4	BOLT (M12X1.75X90-MM)	
M	35	2	8T-4196	2	BOLT (M10X1.5X35-MM)	
	36	1,2	8T-4223	22	WASHER-HARD (13.5X25.5X3-MM THK)	
M	37	1,2	8T-4956	10	BOLT (M12X1.75X35-MM)	
M	38	2	8T-5092	8	BOLT (M12X1.75X150-MM)	

HYDRAULIC SYSTEM

260-8006 LINES GP-FRONT (contd.)

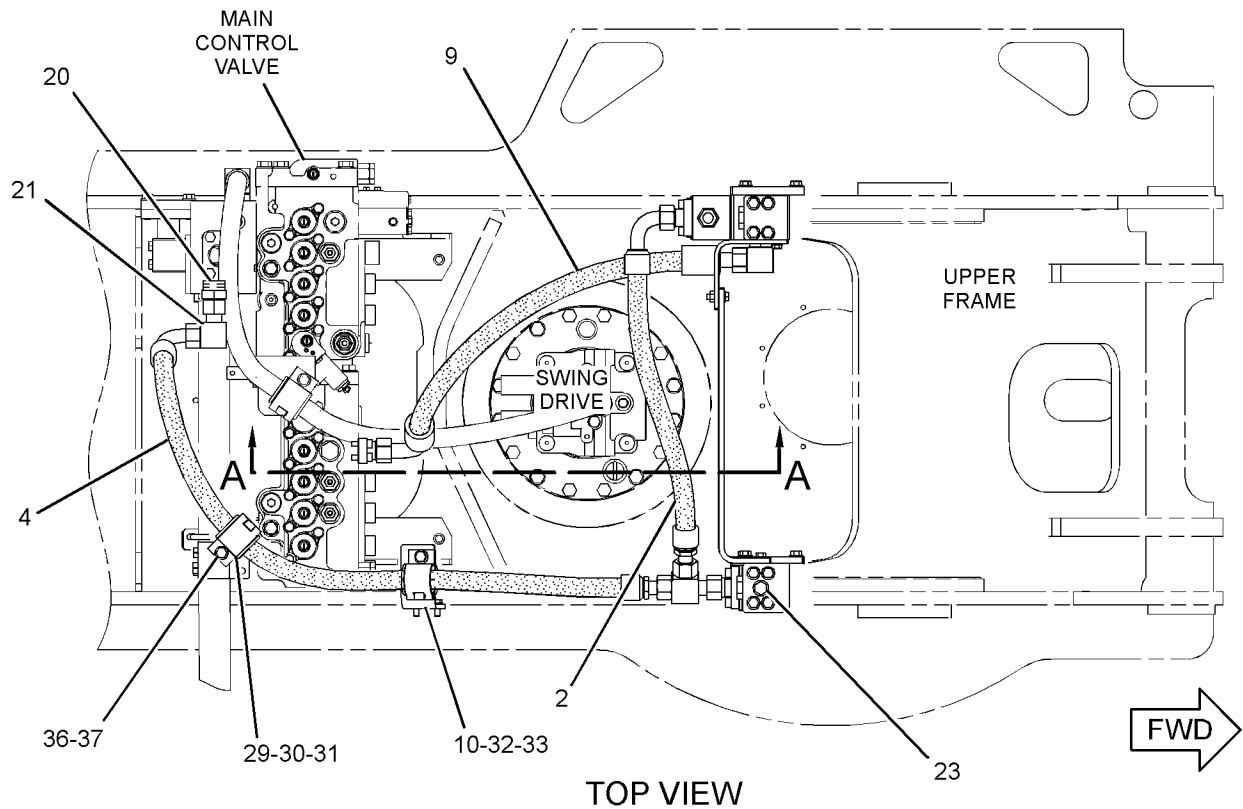
i02765829

I - REFER TO HYDRAULIC INFORMATION SYSTEM
J - NOT REQUIRED WITH HAMMER RETURN
M - METRIC PART
Y - SEPARATE ILLUSTRATION
Z - NOT SERVICED SEPARATELY

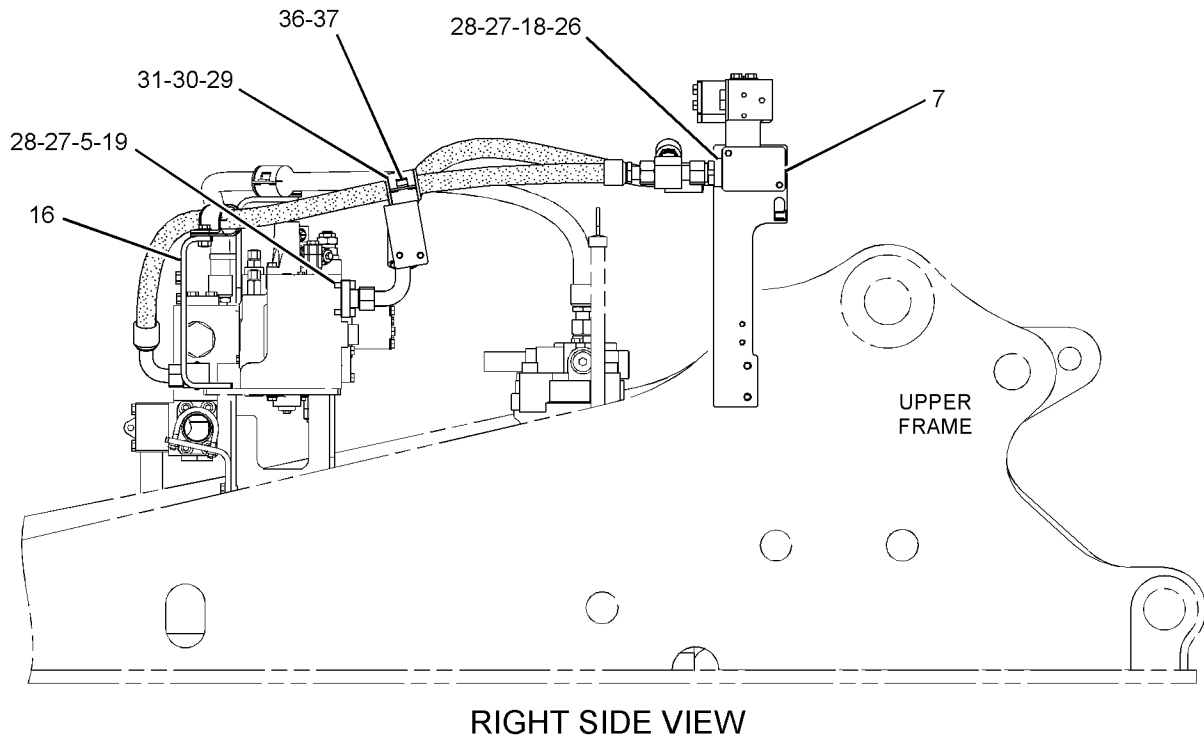
HYDRAULIC SYSTEM

260-8006 LINES GP - FRONT (contd.)

i02765829



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



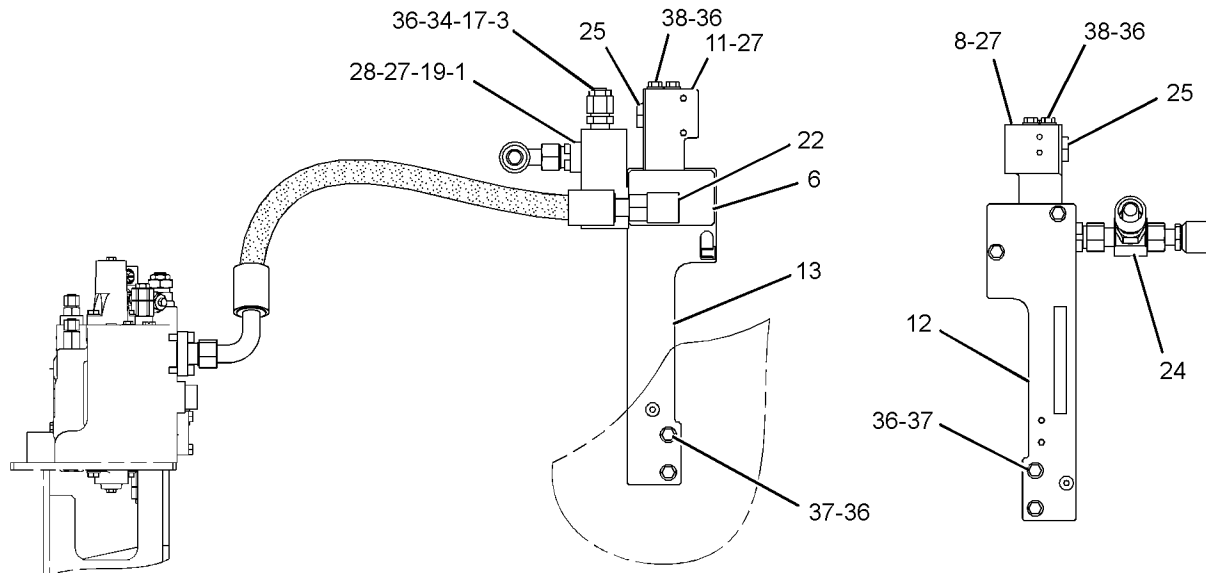
GRAPHIC #1

g01230747

HYDRAULIC SYSTEM

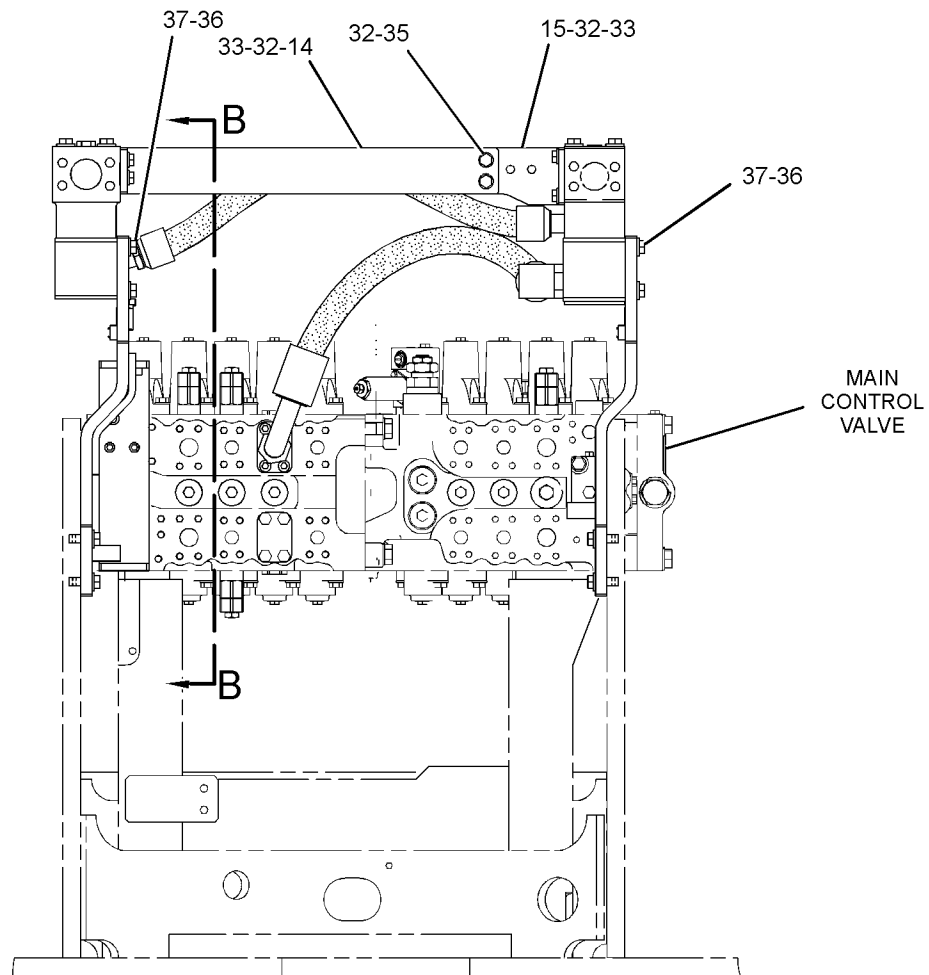
260-8006 LINES GP - FRONT (contd.)

i02765829



SECTION A-A

SECTION B-B



FRONT VIEW

GRAPHIC #2

<END>

g01230748

HYDRAULIC SYSTEM

260-8007 LINES GP-FRONT-SYSTEM 3, 1-WAY, 2-PUMP

S/N: A6F1-UP; A8F1-UP

PART OF 259-7494 CONTROL AR-AUXILIARY
AN ATTACHMENT

SMCS-5057

i02790366

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	7Y-3731	1	FLANGE	
I	2	1	102-1248	1	HOSE AS	
M	3	2	105-3477	4	BOLT-SOCKET HEAD (M10X1.5X45-MM)	
	4	1	173-4664	1	FLANGE	
Y	5	1	177-2653	1	VALVE GP-RELIEF (WITH BLOCK)	538
	6	1	207-6222	1	BLOCK	
	7	1,2	212-5148	2	BLOCK	
	8	2	218-1139	1	BLOCK	
	9	1	260-7872	1	SUPPORT AS	
	10	1	260-8043	1	BLOCK	
	11	2	266-0912	1	BRACKET	
	12	2	266-0913	1	SUPPORT AS	
	13	1	266-1071	1	SUPPORT AS	
I	14	1	266-1217	1	HOSE AS	
	15	2	266-1278	1	BLOCK	
	16	2	266-1279	1	FLANGE	
I	17	1	266-1303	1	HOSE AS	
I	18	1	266-1307	1	HOSE AS	
	19	2	275-1439	1	BLOCK	
	20	1	296-7067	1	SUPPORT AS	
	21	2	296-7069	1	SUPPORT AS	
	22	1	099-8232	2	SEAL-O-RING	
M	23	1	101-7397	4	BOLT-SOCKET HEAD (M12X1.75X50-MM)	
M	24	2	101-7401	4	BOLT-SOCKET HEAD (M10X1.5X20-MM)	
M	25	1	101-7402	4	BOLT-SOCKET HEAD (M12X1.75X30-MM)	
M	26	1	101-7404	4	BOLT-SOCKET HEAD (M10X1.5X30-MM)	
	27	1	148-8323	1	CONNECTOR AS	
		1	2S-4078	1	SEAL-O-RING	
		1	5K-9090	1	SEAL-O-RING	
		1	6V-9875	1	CONNECTOR	
	28	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	
	29	1	148-8347	1	ELBOW AS	
		1	3D-2824	1	SEAL-O-RING	
		1	6V-9007	1	ELBOW	
		1	6V-9746	1	SEAL-O-RING	
	30	1	148-8352	1	ELBOW AS	
		1	5K-9090	1	SEAL-O-RING	
		1	6V-9854	1	ELBOW (SWIVEL)	
	31	2	148-8355	1	ELBOW AS	
		2	5K-9090	1	SEAL-O-RING	
		2	6V-9005	1	ELBOW	
		2	7M-8485	1	SEAL-O-RING	
	32	1	148-8411	1	PLUG AS	
		1	3K-0360	1	SEAL-O-RING	
		1	9S-4185	1	PLUG-O-RING	
	33	2	148-8429	1	TEE AS	
		2	5K-9090	2	SEAL-O-RING	
		2	6V-9840	1	TEE-SWIVEL	
	34	2	153-6237	1	ELBOW AS	
		2	3D-2824	1	SEAL-O-RING	
		2	6V-9004	1	ELBOW	
		2	6V-9746	1	SEAL-O-RING	

HYDRAULIC SYSTEM

260-8007 LINES GP - FRONT (contd.)

i02790366

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	35	1,2	164-4180	2	PLUG AS	
					(EACH INCLUDES)	
		1,2	7M-8485	1	SEAL-O-RING	
		1,2	9S-4181	1	PLUG-O-RING	
	36	2	1P-3702	3	SEAL-RECTANGULAR	
	37	1,2	1P-3703	4	SEAL-RECTANGULAR	
M	38	2	280-2747	4	BOLT-SOCKET HEAD (M10X1.5X60-MM)	
	39	1	5K-9090	2	SEAL-O-RING	
	40	1	5P-7468	2	CLIP (SLOT)	
	41	1	5P-7469	2	CLIP (TAB)	
	42	1	6V-1874	2	GROMMET	
	43	1,2	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)	
M	44	1,2	8T-4136	6	BOLT (M10X1.5X25-MM)	
M	45	1	8T-4176	4	BOLT (M12X1.75X90-MM)	
M	46	2	8T-4196	2	BOLT (M10X1.5X35-MM)	
	47	1,2	8T-4223	26	WASHER-HARD (13.5X25.5X3-MM THK)	
M	48	1,2	8T-4956	14	BOLT (M12X1.75X35-MM)	
M	49	1,2	8T-5092	8	BOLT (M12X1.75X150-MM)	

I - REFER TO HYDRAULIC INFORMATION SYSTEM

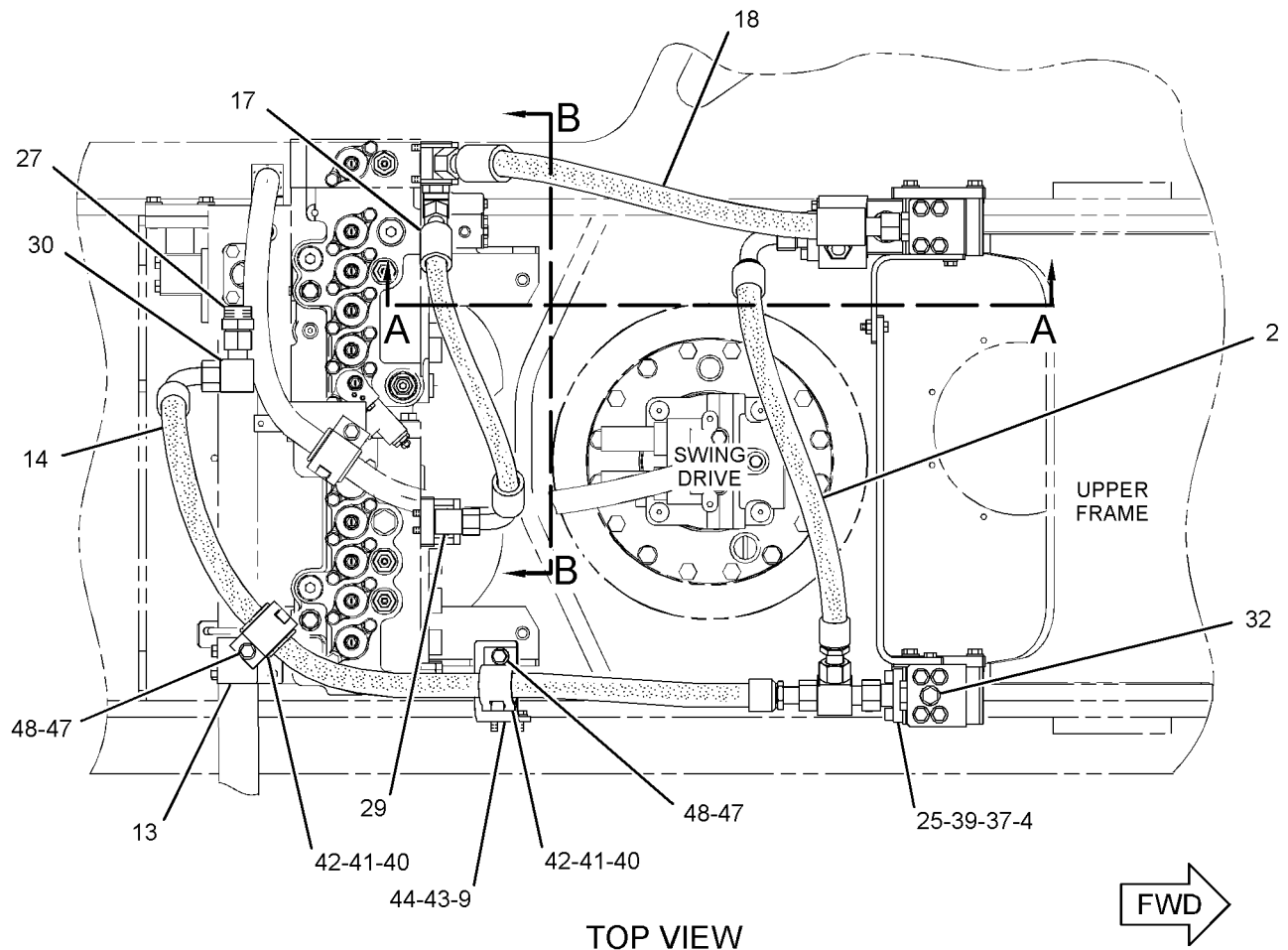
M - METRIC PART

Y - SEPARATE ILLUSTRATION

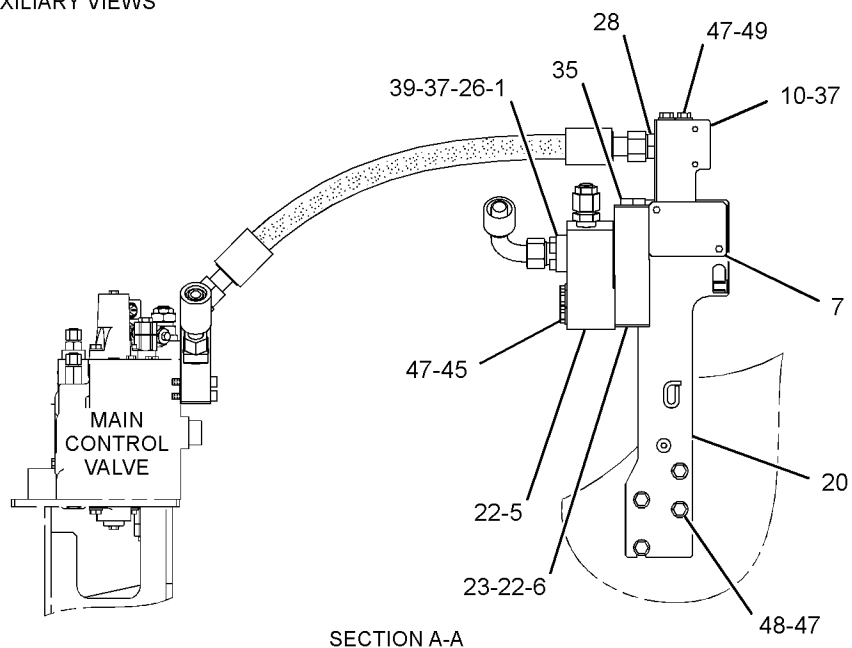
HYDRAULIC SYSTEM

260-8007 LINES GP - FRONT (contd.)

i02790366



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



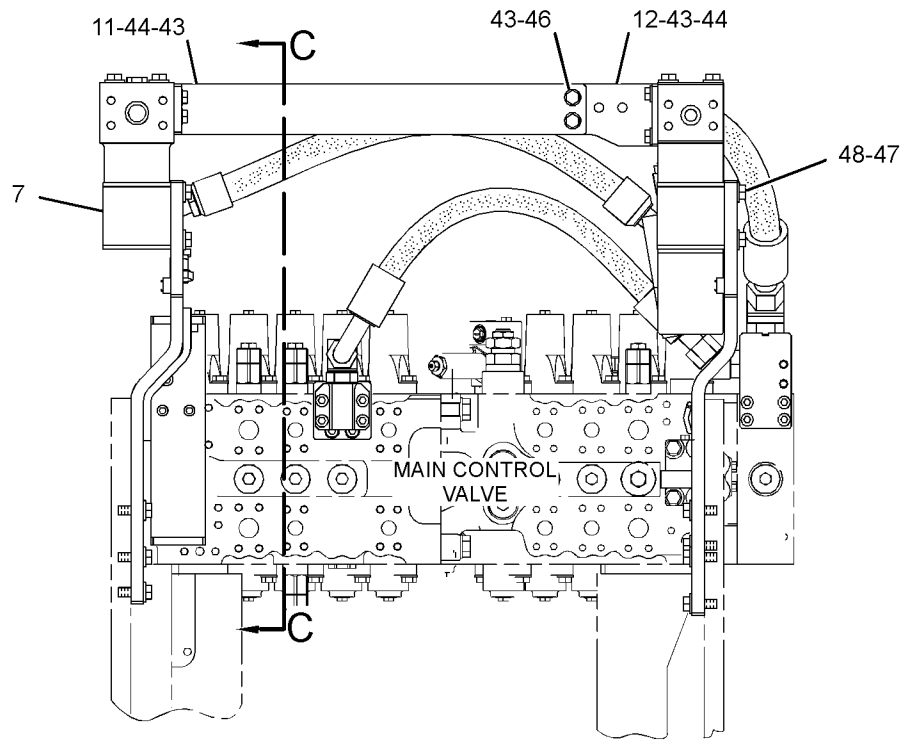
GRAPHIC #1

g01395844

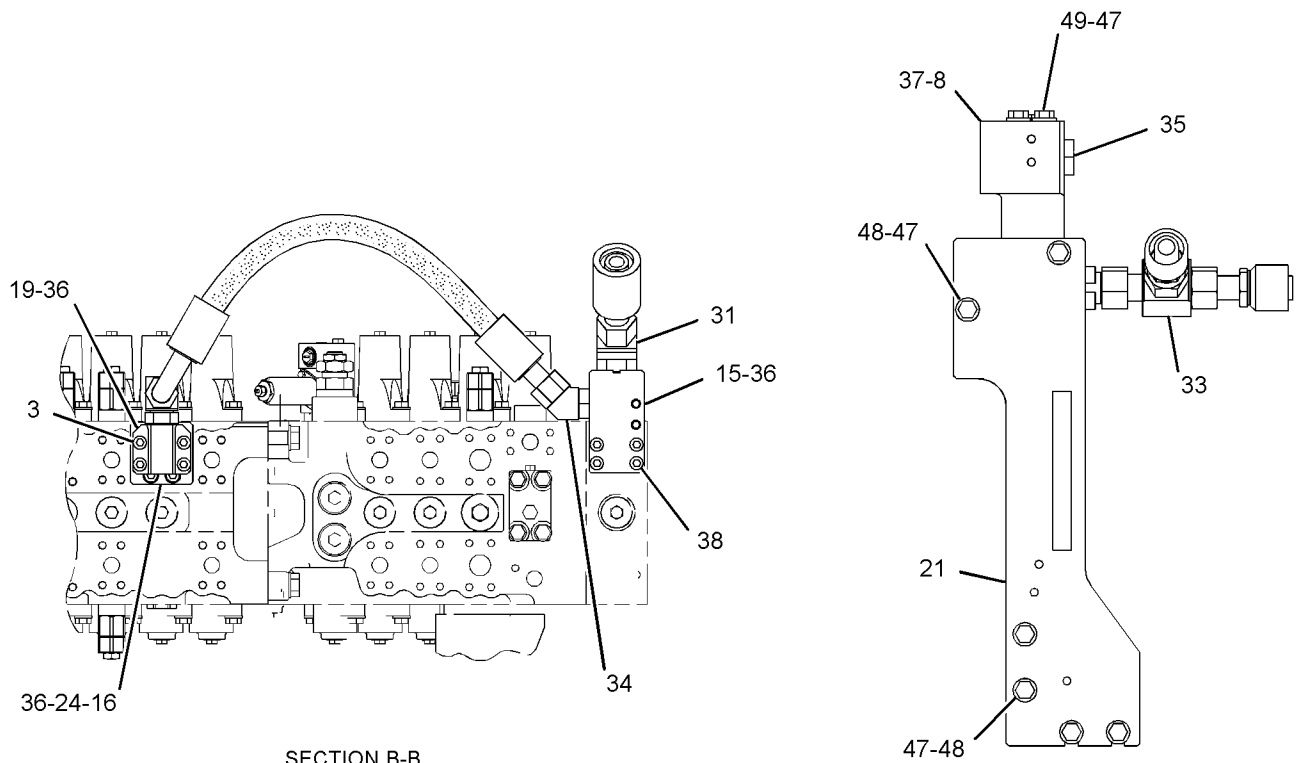
HYDRAULIC SYSTEM

260-8007 LINES GP - FRONT (contd.)

i02790366



FRONT VIEW



SECTION B-B

SECTION C-C

GRAPHIC #2

<END>

g01395897

HYDRAULIC SYSTEM

260-8008 LINES GP-FRONT-SYSTEM 2, COMBINED FUNCTION

S/N: A6F1-UP; A8F1-UP

PART OF 259-7493, 259-7495 CONTROL AR-AUXILIARY
AN ATTACHMENT

SMCS-5057

i02787547

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	7Y-3729	1	FLANGE	
	2	2	7Y-3731	1	FLANGE	
I	3	1	102-1248	1	HOSE AS	
M	4	2	105-3477	4	BOLT-SOCKET HEAD (M10X1.5X45-MM)	
	5	1	173-4664	1	FLANGE	
Y	6	2	177-2653	1	VALVE GP-RELIEF (WITH BLOCK)	538
	7	2	207-6222	1	BLOCK	
	8	2	218-1139	1	BLOCK	
	9	1	260-7872	1	SUPPORT AS	
	10	2	260-8043	1	BLOCK	
	11	2	266-0912	1	BRACKET	
	12	2	266-0913	1	SUPPORT AS	
	13	1	266-1071	1	SUPPORT AS	
I	14	1	266-1217	1	HOSE AS	
	15	1	266-1266	1	BLOCK	
	16	2	266-1278	1	BLOCK	
	17	2	266-1279	2	FLANGE	
I	18	1	266-1303	1	HOSE AS	
I	19	1	266-1307	1	HOSE AS	
I	20	1	266-1311	1	HOSE AS	
I	21	1	266-1315	1	HOSE AS	
	22	2	275-1439	1	BLOCK	
	23	2	275-1440	1	BLOCK	
I	24	1	278-6756	1	HOSE AS	
	25	2	296-7067	1	SUPPORT AS	
	26	2	296-7069	1	SUPPORT AS	
Y	27	2	297-0370	2	VALVE GP-CHECK	489
	28	2	099-8232	2	SEAL-O-RING	
M	29	2	101-7397	4	BOLT-SOCKET HEAD (M12X1.75X50-MM)	
M	30	2	101-7401	8	BOLT-SOCKET HEAD (M10X1.5X20-MM)	
M	31	1	101-7402	4	BOLT-SOCKET HEAD (M12X1.75X30-MM)	
M	32	2	101-7404	8	BOLT-SOCKET HEAD (M10X1.5X30-MM)	
M	33	2	108-4282	4	BOLT-SOCKET HEAD (M10X1.5X100-MM)	
	34	1	148-8323	1	CONNECTOR AS	
		1	2S-4078	1	SEAL-O-RING	
		1	5K-9090	1	SEAL-O-RING	
		1	6V-9875	1	CONNECTOR	
	35	2	148-8335	1	CONNECTOR AS	
		2	5K-9090	1	SEAL-O-RING	
		2	6V-8635	1	CONNECTOR	
		2	7M-8485	1	SEAL-O-RING	
	36	2	148-8339	1	CONNECTOR AS	
		2	6V-8716	1	CONNECTOR	
		2	6V-9746	1	SEAL-O-RING	
		2	7M-8485	1	SEAL-O-RING	
	37	1	148-8347	1	ELBOW AS	
		1	3D-2824	1	SEAL-O-RING	
		1	6V-9007	1	ELBOW	
		1	6V-9746	1	SEAL-O-RING	
	38	1	148-8352	1	ELBOW AS	
		1	5K-9090	1	SEAL-O-RING	
		1	6V-9854	1	ELBOW (SWIVEL)	
	39	2	148-8355	1	ELBOW AS	
		2	5K-9090	1	SEAL-O-RING	
		2	6V-9005	1	ELBOW	

HYDRAULIC SYSTEM

260-8008 LINES GP - FRONT (contd.)

i02787547

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	7M-8485	1	SEAL-O-RING						
	40	1	148-8411	1	PLUG AS						
		1	3K-0360	1	SEAL-O-RING						
		1	9S-4185	1	PLUG-O-RING						
	41	2	148-8429	1	TEE AS						
		2	5K-9090	2	SEAL-O-RING						
		2	6V-9840	1	TEE-SWIVEL						
	42	2	148-8449	1	TEE AS-SWIVEL						
		2	6V-9746	2	SEAL-O-RING						
		2	6V-9839	1	TEE-SWIVEL						
	43	1	153-6237	1	ELBOW AS						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-9004	1	ELBOW						
		1	6V-9746	1	SEAL-O-RING						
	44	2	164-4180	1	PLUG AS						
		2	7M-8485	1	SEAL-O-RING						
		2	9S-4181	1	PLUG-O-RING						
	45	1	164-5574	1	TEE AS						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-8784	1	TEE-FACE SEAL						
		1	6V-9746	2	SEAL-O-RING						
	46	2	164-5606	1	CONNECTOR AS						
		2	3D-2824	1	SEAL-O-RING						
		2	6V-9746	1	SEAL-O-RING						
		2	8T-0078	1	CONNECTOR						
	47	2	1P-3702	6	SEAL-RECTANGULAR						
	48	1,2	1P-3703	4	SEAL-RECTANGULAR						
M	49	2	280-2747	4	BOLT-SOCKET HEAD (M10X1.5X60-MM)						
	50	1,2	5K-9090	2	SEAL-O-RING						
	51	1	5P-7468	2	CLIP (SLOT)						
	52	1	5P-7469	2	CLIP (TAB)						
	53	1	6V-1874	2	GROMMET						
	54	2	6V-9746	1	SEAL-O-RING						
	55	1,2	8T-4121	10	WASHER-HARD (11X21X2.5-MM THK)						
M	56	1,2	8T-4136	8	BOLT (M10X1.5X25-MM)						
M	57	2	8T-4176	4	BOLT (M12X1.75X90-MM)						
M	58	2	8T-4196	2	BOLT (M10X1.5X35-MM)						
	59	1,2	8T-4223	26	WASHER-HARD (13.5X25.5X3-MM THK)						
M	60	1,2	8T-4956	14	BOLT (M12X1.75X35-MM)						
M	61	2	8T-5092	8	BOLT (M12X1.75X150-MM)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM

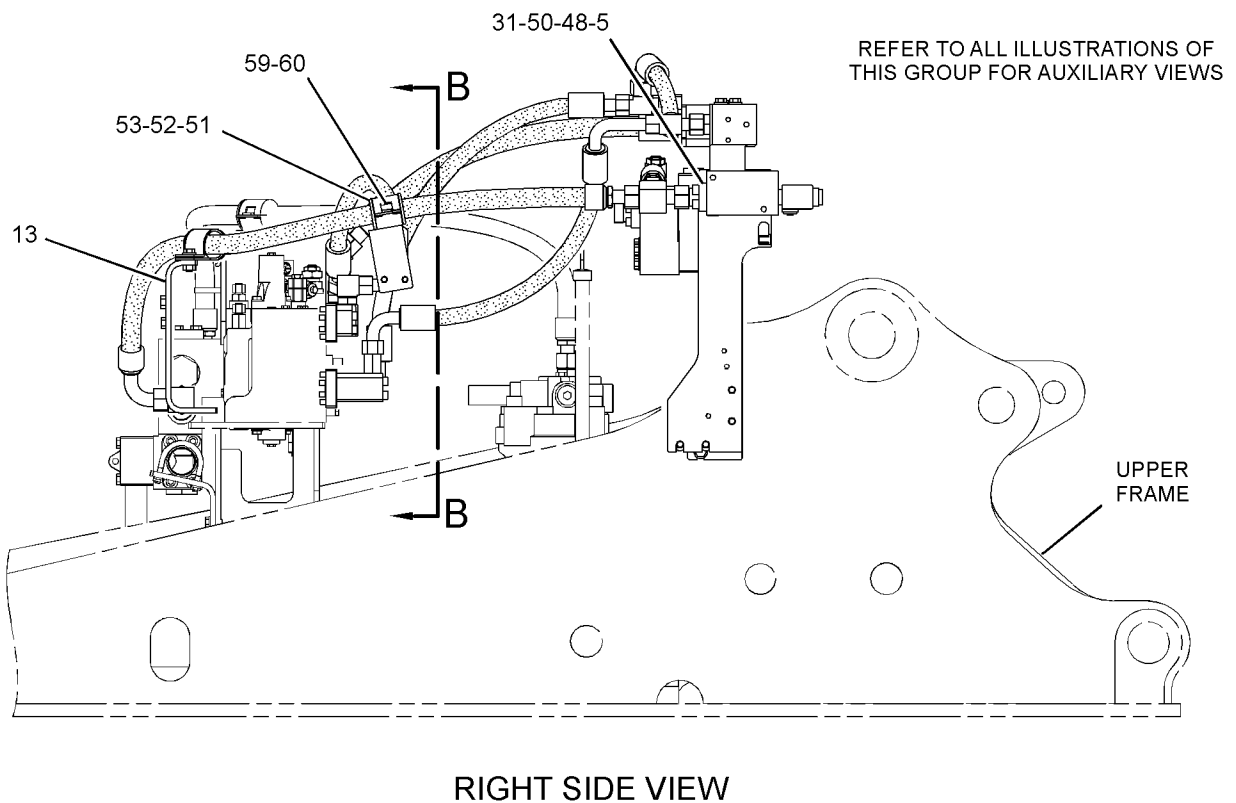
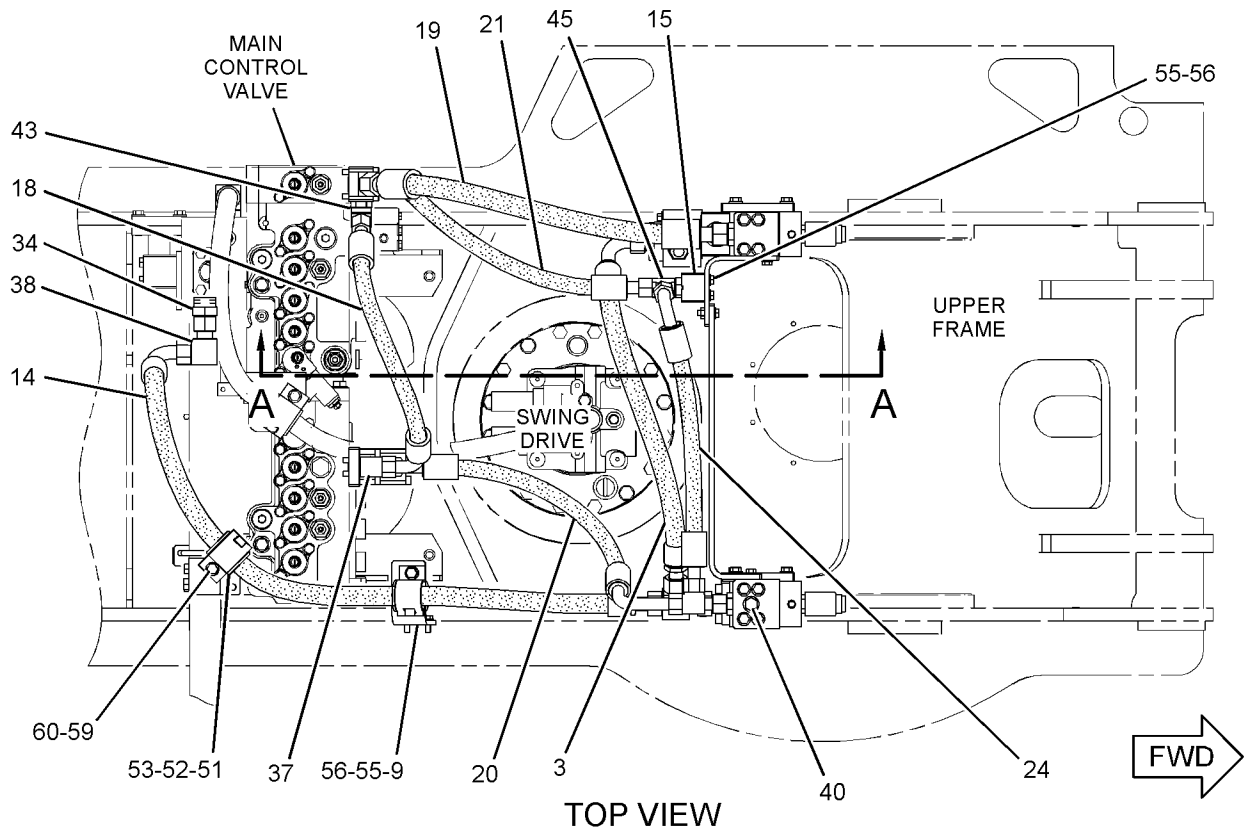
M-METRIC PART

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

260-8008 LINES GP - FRONT (contd.)

i02787547



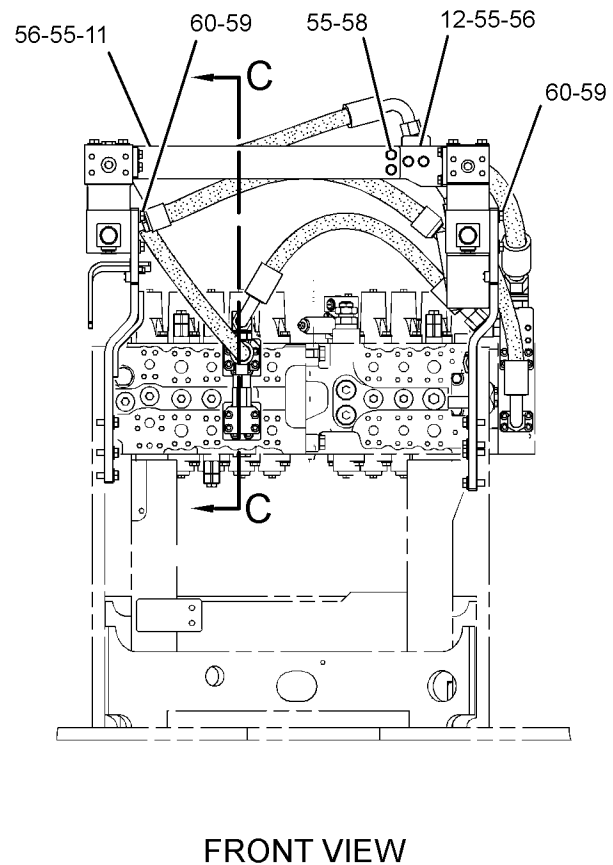
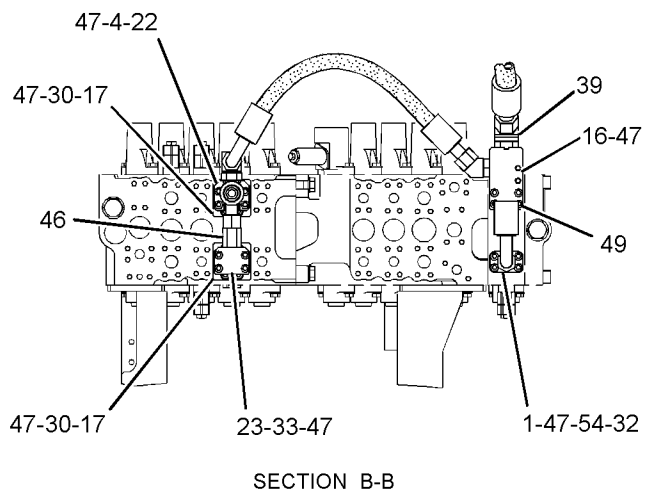
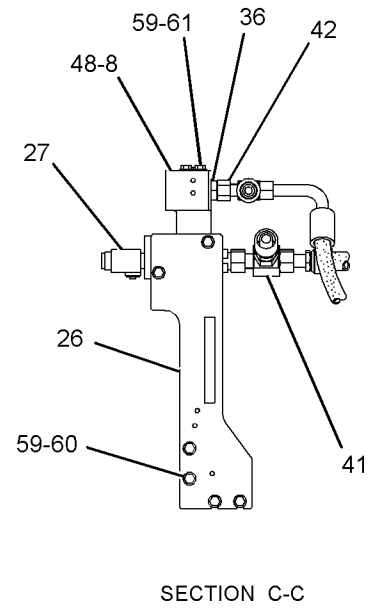
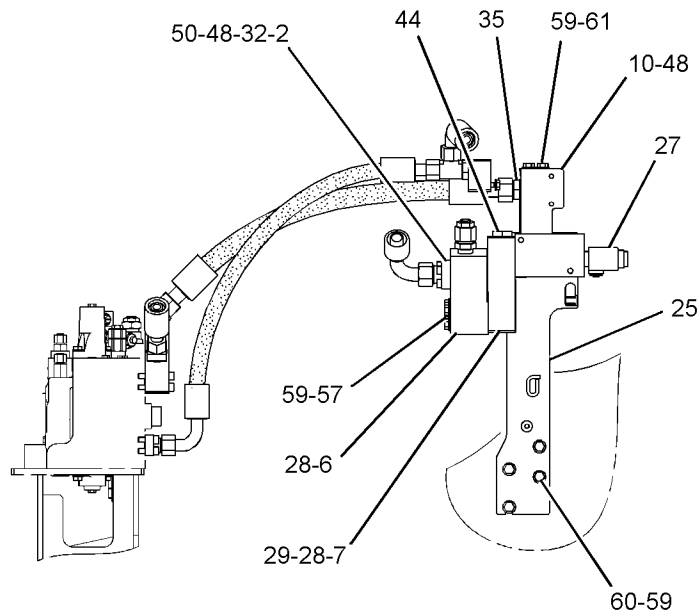
GRAPHIC #1

g01396625

HYDRAULIC SYSTEM

260-8008 LINES GP - FRONT (contd.)

i02787547



GRAPHIC #2

<END>

g01396626

HYDRAULIC SYSTEM

260-8009 LINES GP-FRONT-SYSTEM 11, COMBINED FN, MED PR

S/N: A6F1-UP; A8F1-UP

PART OF 259-7495 CONTROL AR-AUXILIARY
AN ATTACHMENT

SMCS-5057

i02787630

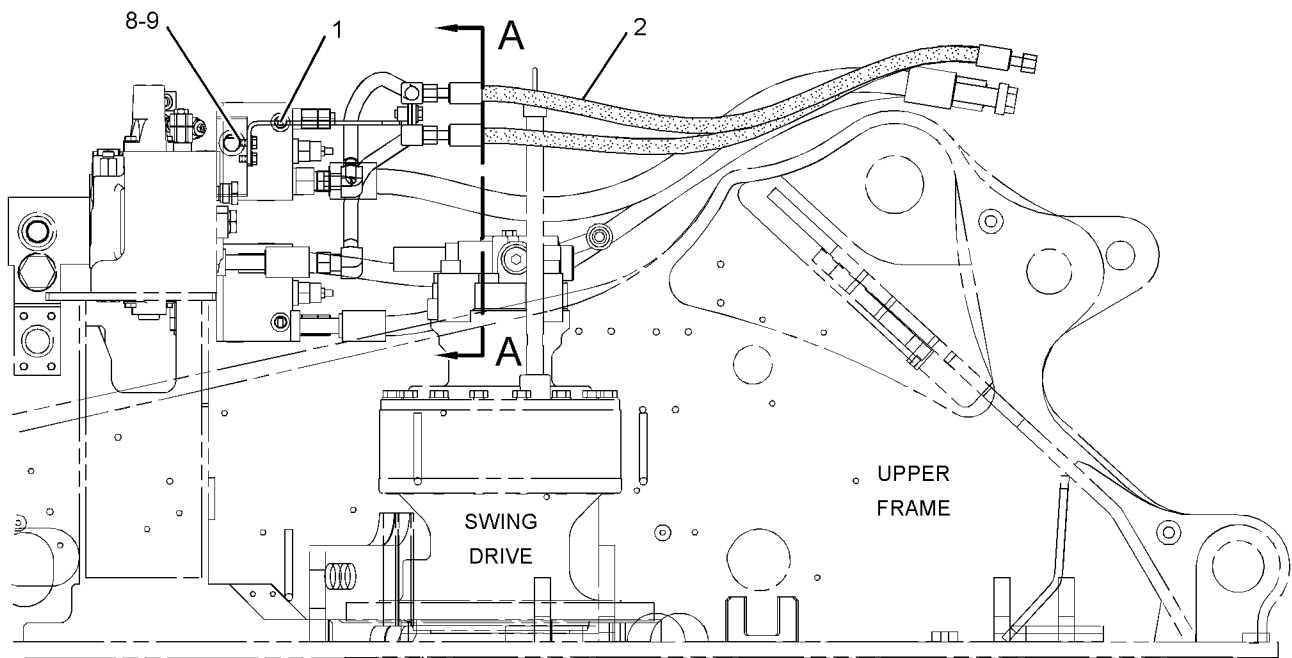
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	282-7086	1	SUPPORT AS						
I	2	1	282-7088	2	HOSE AS						
	3	1	282-7096	1	TUBE AS						
	4	1	282-7097	1	TUBE AS						
	5	1	153-8867	2	CLIP						
	6	1	6V-8398	2	SEAL-O-RING						
	7	1	6V-9746	2	SEAL-O-RING						
	8	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
M	9	1	8T-4137	2	BOLT (M10X1.5X20-MM)						
	10	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						
M	11	1	8T-4956	2	BOLT (M12X1.75X35-MM)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART

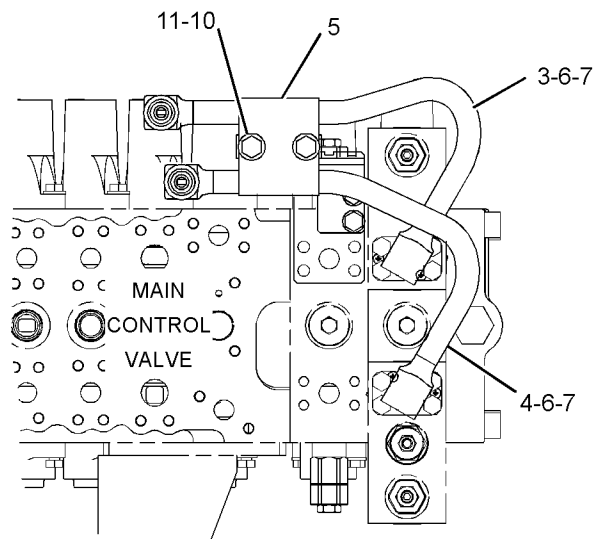
HYDRAULIC SYSTEM

260-8009 LINES GP - FRONT (contd.)

i02787630



RIGHT SIDE VIEW



SECTION A-A

GRAPHIC #1

<END>

g01291740

HYDRAULIC SYSTEM

275-1409 LINES GP-FRONT-QUICK COUPLER

S/N: A6F1-UP; A8F1-UP

PART OF 277-0863 CONTROL AR-COUPLER
AN ATTACHMENT

SMCS-5057

i02783509

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	4I-9521	6	MARKER (RED, L1)	
	2	1	4I-9522	8	MARKER (YELLOW, L2)	
	3	1	4I-9526	6	MARKER (WHITE, R2)	
	4	2	4I-9527	2	MARKER (GREEN, R3)	
	5	1	5I-4376	1	FITTING	
	6	1, 2	6V-0852	3	CAP-DUST	
	7	1	7K-1181	15	STRAP-CABLE	
I	8	2	7Y-8484	1	HOSE AS	
	9	1	9X-6582	2	NUT (13/16-16-THD)	
Y	10	2	123-2549	1	VALVE GP-SHUTTLE	549
	11	1	123-4750	1	VALVE-CHECK	
	12	2	124-1035	1	FITTING-ORFS	
I	13	2	143-4308	1	HOSE AS	
	14	1, 2	164-5567	3	FITTING AS (QUICK DISCONNECT, MALE)	
					(EACH INCLUDES)	
		1, 2	3J-1907	1	SEAL-O-RING	
		1, 2	6V-3965	1	FITTING-COUPLER	
	15	2	164-9640	1	CONNECTOR AS	
		2	3J-1907	1	SEAL-O-RING	
		2	4J-5477	1	SEAL-O-RING	
		2	145-2237	1	CONNECTOR	
	16	1	194-0027	1	HOSE AS	
	17	2	213-3745	2	ELBOW	
Y	18	2	254-3080	1	VALVE GP-COUPLER (QUICK COUPLER)	513
Y	19	2	258-6749	1	VALVE GP-SOLENOID	558
	20	2	267-4051	1	CONNECTOR AS	
		2	3J-1907	1	SEAL-O-RING	
		2	4J-5477	1	SEAL-O-RING	
		2	156-8845	1	CONNECTOR	
	21	1	275-1468	1	HOSE AS	
I	22	2	275-1538	1	HOSE AS	
	23	2	282-7615	1	HOSE AS	
	24	1	285-2415	1	SUPPORT AS	
	25	1	285-2423	1	TUBE AS	
	26	1	285-2427	1	HOSE AS	
	27	2	285-2428	1	HOSE AS	
I	28	1	296-7229	1	HOSE AS	
	29	2	302-2852	1	SUPPORT AS	
I	30	1	302-3171	2	HOSE AS	
	31	1	307-5161	1	SUPPORT AS	
M	32	1	101-7402	4	BOLT-SOCKET HEAD (M12X1.75X30-MM)	
	33	1	115-8645	2	GUARD	
	34	2	148-8321	1	CONNECTOR AS	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	8C-0564	1	CONNECTOR	
	35	2	148-8325	2	CONNECTOR AS	
					(EACH INCLUDES)	
		2	3J-1907	1	SEAL-O-RING	
		2	3J-1907	1	SEAL-O-RING	
		2	4J-5477	1	SEAL-O-RING	
		2	4J-5477	1	SEAL-O-RING	
		2	6V-8641	1	CONNECTOR	
		2	6V-8641	1	CONNECTOR	

HYDRAULIC SYSTEM

275 - 1409 LINES GP - FRONT (contd.)

i02783509

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	36	1, 2	148-8336	6	CONNECTOR AS (EACH INCLUDES)	
		1, 2	3J-1907	1	SEAL-O-RING	
		1, 2	6V-8397	1	SEAL-O-RING	
		1, 2	6V-8636	1	CONNECTOR	
	37	1	148-8363	1	ELBOW AS	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-9876	1	ELBOW	
	38	1, 2	148-8367	6	ELBOW AS (EACH INCLUDES)	
		1, 2	6V-8397	1	SEAL-O-RING	
		1, 2	6V-9850	1	ELBOW	
	39	1, 2	148-8378	5	ELBOW AS (EACH INCLUDES)	
		1, 2	3J-1907	1	SEAL-O-RING	
		1, 2	6V-8397	1	SEAL-O-RING	
		1, 2	6V-8724	1	ELBOW	
	40	1	148-8419	2	REDUCER AS (EACH INCLUDES)	
		1	4J-5477	1	SEAL-O-RING	
		1	6V-8935	1	REDUCER-O-RING	
	41	2	148-8435	1	TEE AS	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	2	SEAL-O-RING	
		2	6V-8781	1	TEE-FACE SEAL	
	42	2	148-8439	2	TEE AS (EACH INCLUDES)	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	2	SEAL-O-RING	
		2	6V-8774	1	TEE	
	43	2	162-0177	1	PLUG AS	
		2	3J-1907	1	SEAL-O-RING	
		2	9S-8004	1	PLUG-O-RING	
	44	2	164-9869	1	CONNECTOR AS	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	9X-2297	1	CONNECTOR	
	45	1	3J-1907	1	SEAL-O-RING	
	46	1	4J-0527	1	SEAL-O-RING	
	47	1	5K-8451	2	CLIP	
	48	1, 2	6V-8397	3	SEAL-O-RING	
	49	1, 2	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)	
M	50	1, 2	8T-4136	4	BOLT (M10X1.5X25-MM)	
M	51	2	8T-4137	2	BOLT (M10X1.5X20-MM)	
M	52	1	8T-4139	2	BOLT (M12X1.75X30-MM)	
M	53	1	8T-4192	2	BOLT (M12X1.75X25-MM)	
	54	1, 2	8T-4223	7	WASHER-HARD (13.5X25.5X3-MM THK)	
M	55	2	8T-4910	3	BOLT (M12X1.75X60-MM)	

I - REFER TO HYDRAULIC INFORMATION SYSTEM

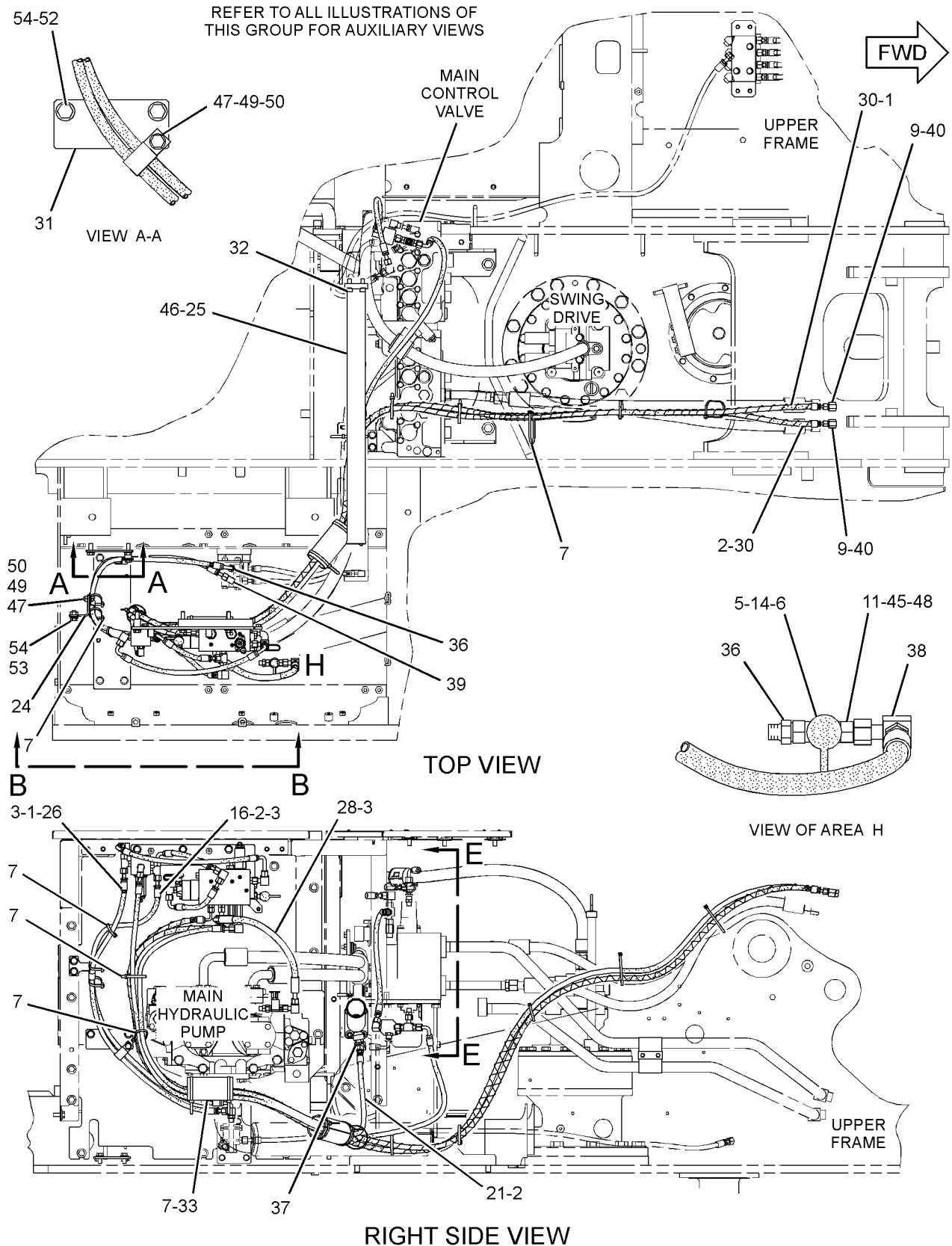
M - METRIC PART

Y - SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

275 - 1409 LINES GP - FRONT (contd.)

i02783509



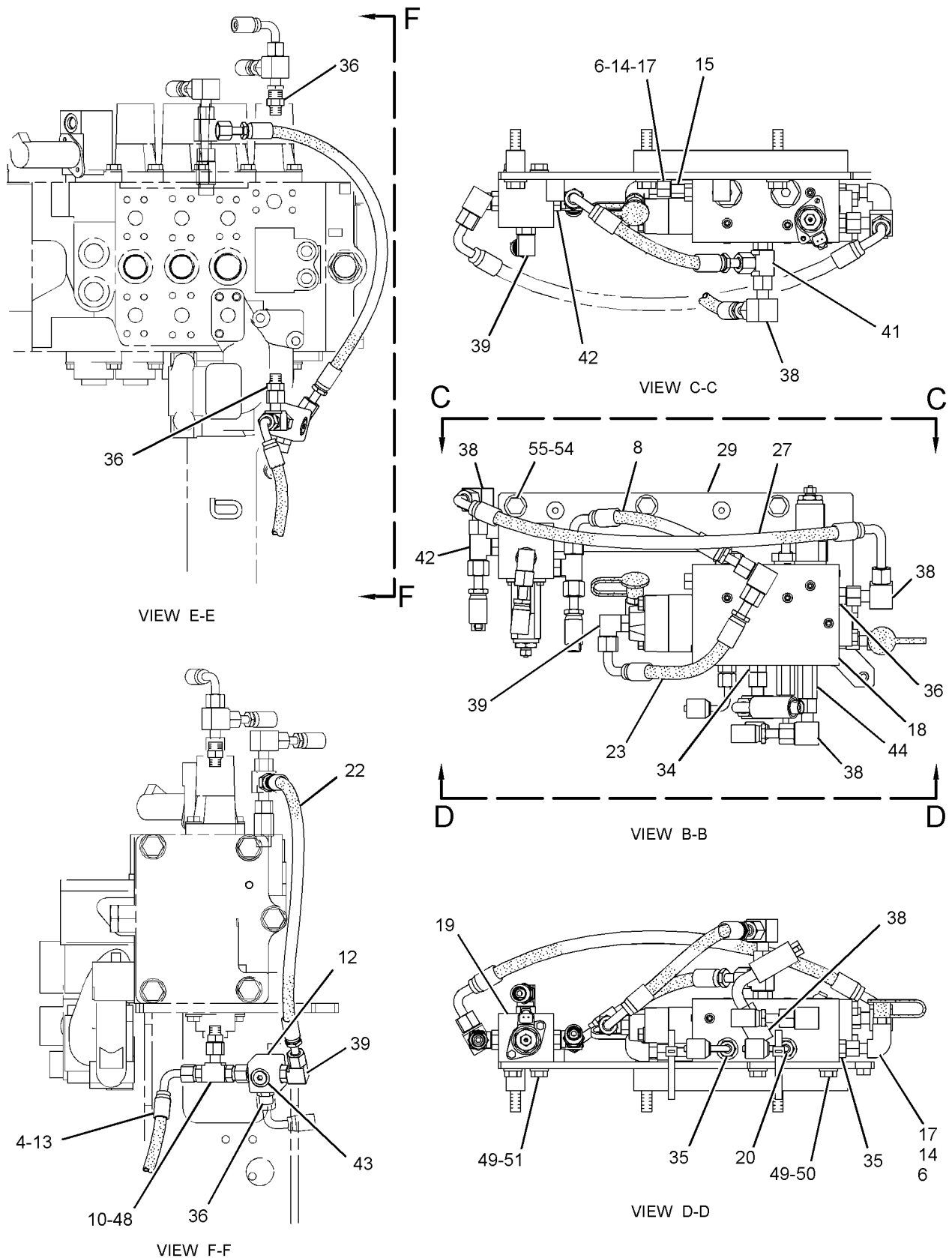
GRAPHIC #1

g01392808

HYDRAULIC SYSTEM

275- 1409 LINES GP -FRONT (contd.)

i02783509



GRAPHIC #2

<END>

g01392809

HYDRAULIC SYSTEM

289-5416 LINES GP-FRONT-QUICK COUPLER

S/N: A6F1-UP; A8F1-UP

PART OF 288-7608 CONTROL AR-COUPLER
AN ATTACHMENT

SMCS-5057

i02783381

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	3S-2093	1	STRAP-CABLE	
	2	1	4I-9521	4	MARKER (RED, L1)	
	3	1	4I-9522	4	MARKER (YELLOW, L2)	
	4	2	5I-4376	1	FITTING	
	5	1, 2	7K-1181	14	STRAP-CABLE	
I	6	1	7Y-4390	1	HOSE AS	
	7	1	9X-6582	2	NUT (13/16-16-THD)	
	8	2	123-4750	1	VALVE-CHECK	
	9	2	148-8368	1	ELBOW AS	
		2	3J-1907	1	SEAL-O-RING	
		2	4J-5477	1	SEAL-O-RING	
		2	6V-8627	1	ELBOW	
	10	2	148-8433	1	TEE AS	
		2	6V-8397	2	SEAL-O-RING	
		2	6V-9836	1	TEE-SWIVEL	
	11	2	164-5567	1	FITTING AS (QUICK DISCONNECT, MALE)	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-3965	1	FITTING-COUPLER	
	12	2	236-3200	1	SUPPORT AS	
Y	13	2	260-3877	1	VALVE GP-SOLENOID & MANIFOLD (QUICK COUPLER)	559
I	14	1	260-7988	1	HOSE AS	
	15	2	285-2415	1	SUPPORT AS	
	16	2	289-5607	1	SUPPORT AS	
I	17	1	285-2431	2	HOSE AS	
	18	2	289-5400	1	SUPPORT AS	
	19	2	148-8336	1	CONNECTOR AS	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	6V-8636	1	CONNECTOR	
	20	2	148-8378	2	ELBOW AS	
					(EACH INCLUDES)	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	6V-8724	1	ELBOW	
	21	2	148-8413	1	REDUCER AS	
		2	4J-5477	1	SEAL-O-RING	
		2	6V-8934	1	REDUCER AS	
	22	1	148-8419	2	REDUCER AS	
					(EACH INCLUDES)	
		1	4J-5477	1	SEAL-O-RING	
		1	6V-8935	1	REDUCER-O-RING	
	23	2	150-3036	2	ELBOW AS	
					(EACH INCLUDES)	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	8T-1905	1	ELBOW	
	24	2	3J-1907	1	SEAL-O-RING	
	25	2	5P-7854	3	CLIP	
	26	2	6V-0852	1	CAP-DUST	
	27	2	6V-8397	2	SEAL-O-RING	
	28	2	8T-4121	5	WASHER-HARD (11X21X2.5-MM THK)	
M	29	2	8T-4136	1	BOLT (M10X1.5X25-MM)	
M	30	2	8T-4137	1	BOLT (M10X1.5X20-MM)	
M	31	2	8T-4139	2	BOLT (M12X1.75X30-MM)	
M	32	2	8T-4185	2	BOLT (M10X1.5X50-MM)	

HYDRAULIC SYSTEM

289-5416 LINES GP - FRONT (contd.)

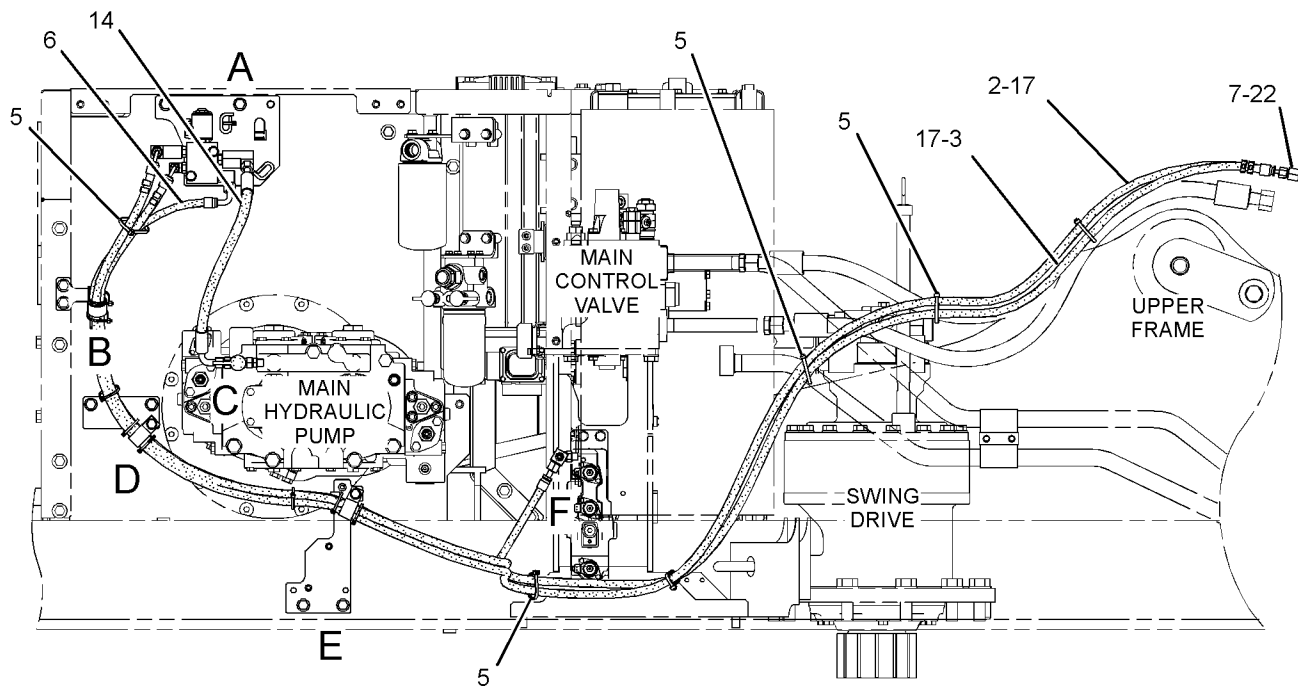
i02783381

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	33	2	8T-4184	2	BOLT (M12X1.75X45-MM)						
M	34	2	8T-4191	1	BOLT (M10X1.5X16-MM)						
M	35	2	8T-4192	2	BOLT (M12X1.75X25-MM)						
M	36	2	8T-4194	2	BOLT (M12X1.75X50-MM)						
	37	2	8T-4223	8	WASHER-HARD (13.5X25.5X3-MM THK)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM

M-METRIC PART

Y-SEPARATE ILLUSTRATION



RIGHT SIDE VIEW

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

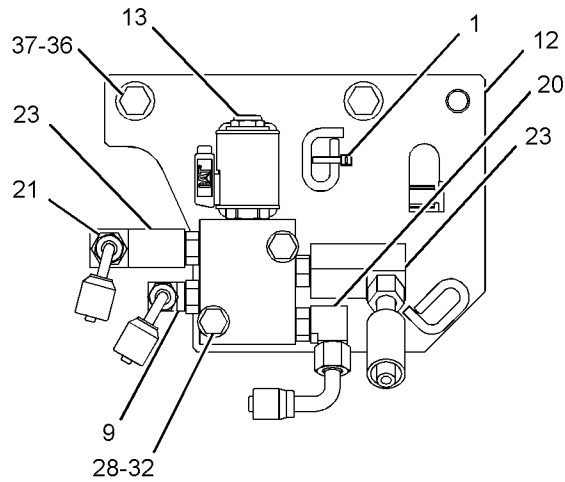
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g01308706

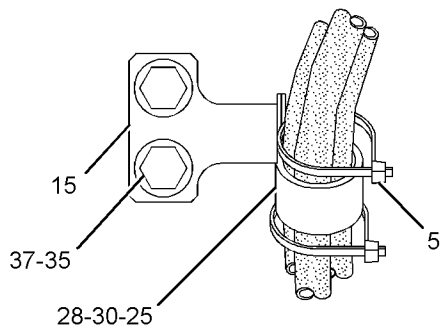
HYDRAULIC SYSTEM

289-5416 LINES GP - FRONT (contd.)

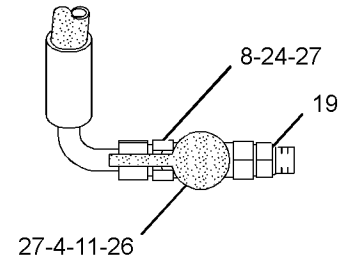
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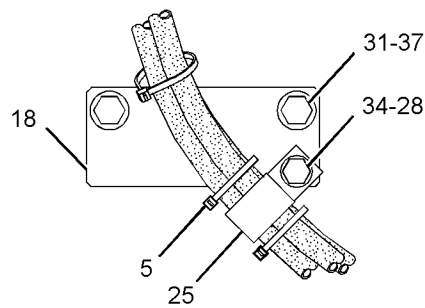
VIEW OF AREA A



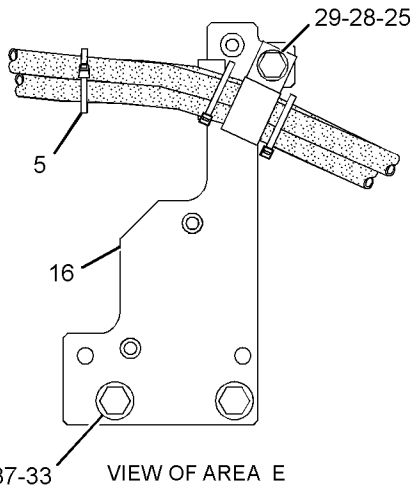
VIEW OF AREA B



VIEW OF AREA C

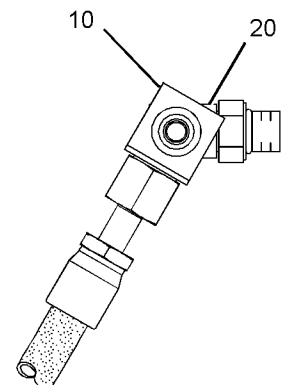


VIEW OF AREA D



VIEW OF AREA E

GRAPHIC #2



VIEW OF AREA F

<END>

g01308705

HYDRAULIC SYSTEM

248-9846 LINES GP-HYDRAULIC OIL COOLER-MAIN PUMP

S/N: A6F1-UP; A8F1-UP

PART OF 285-1354, 285-1355 HYDRAULIC AR

SMCS-1374

i02778595

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	144-0367	2	CLAMP-HOSE	
	2	1	173-4816	1	SUPPORT AS	
I	3	2	179-7863	1	HOSE AS	
I	4	2	179-7867	1	HOSE AS	
	5	2	196-0807	1	PLATE	
	6	1	199-7394	1	PIPE AS	
I	7	2	199-7403	1	HOSE AS	
	8	2	227-0581	1	HOSE	
	9	1	266-1037	1	TUBE AS	
	10	2	266-1045	1	TUBE AS	
	11	2	266-1055	1	SUPPORT AS	
Y	12	1	297-0462	1	VALVE GP-CHECK	491
M	13	1	096-4883	2	LOCKNUT (M10X1.15-THD)	
M	14	1	101-7402	4	BOLT-SOCKET HEAD (M12X1.75X30-MM)	
	15	1	148-8340	1	CONNECTOR AS	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-8398	1	SEAL-O-RING	
		1	6V-8639	1	CONNECTOR	
	16	1	148-8357	1	ELBOW AS	
		1	5K-9090	1	SEAL-O-RING	
		1	6V-9008	1	ELBOW	
		1	7M-8485	1	SEAL-O-RING	
	17	2	1P-3703	4	SEAL-RECTANGULAR	
	18	1,2	4J-0524	3	SEAL-O-RING	
	19	1	4J-0527	1	SEAL-O-RING	
	20	1	5P-7468	1	CLIP (SLOT)	
	21	1	5P-7469	1	CLIP (TAB)	
	22	1	5P-8444	1	GROMMET	
					-OR-	
		1	8T-7087	1	GROMMET (34X60X62-MM)	
	23	1	6V-0400	4	FLANGE-HALF	
	24	2	7G-5984	1	CLIP (TAB)	
	25	2	7G-5985	1	CLIP (SLOT)	
	26	2	7G-5986	1	GROMMET	
M	27	1	7X-2544	4	BOLT (M10X1.5X104-MM)	
	28	2	7X-7729	2	WASHER (11X25X3-MM THK)	
M	29	1	7Y-5247	1	U-BOLT	
	30	1,2	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)	
M	31	2	8T-4136	2	BOLT (M10X1.5X25-MM)	
M	32	1,2	8T-4139	4	BOLT (M12X1.75X30-MM)	
M	33	1	8T-4183	2	BOLT (M12X1.75X40-MM)	
M	34	2	8T-4186	2	BOLT (M10X1.5X40-MM)	
M	35	1	8T-4194	8	BOLT (M12X1.75X50-MM)	
	36	1,2	8T-4223	15	WASHER-HARD (13.5X25.5X3-MM THK)	
M	37	2	8T-4956	5	BOLT (M12X1.75X35-MM)	

I-REFER TO HYDRAULIC INFORMATION SYSTEM

M-METRIC PART

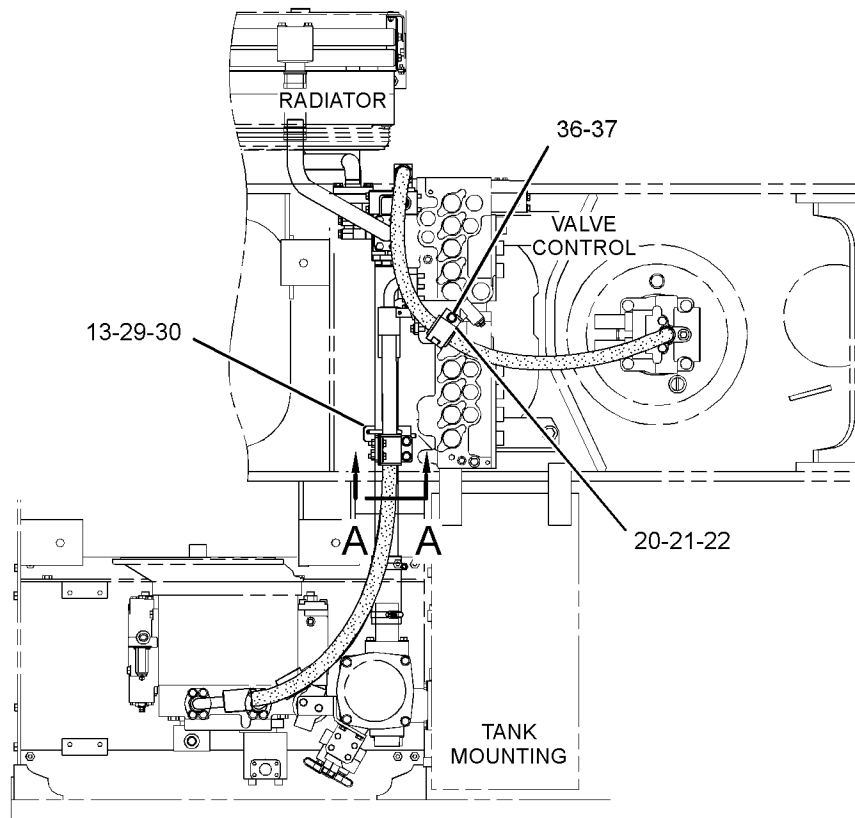
Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

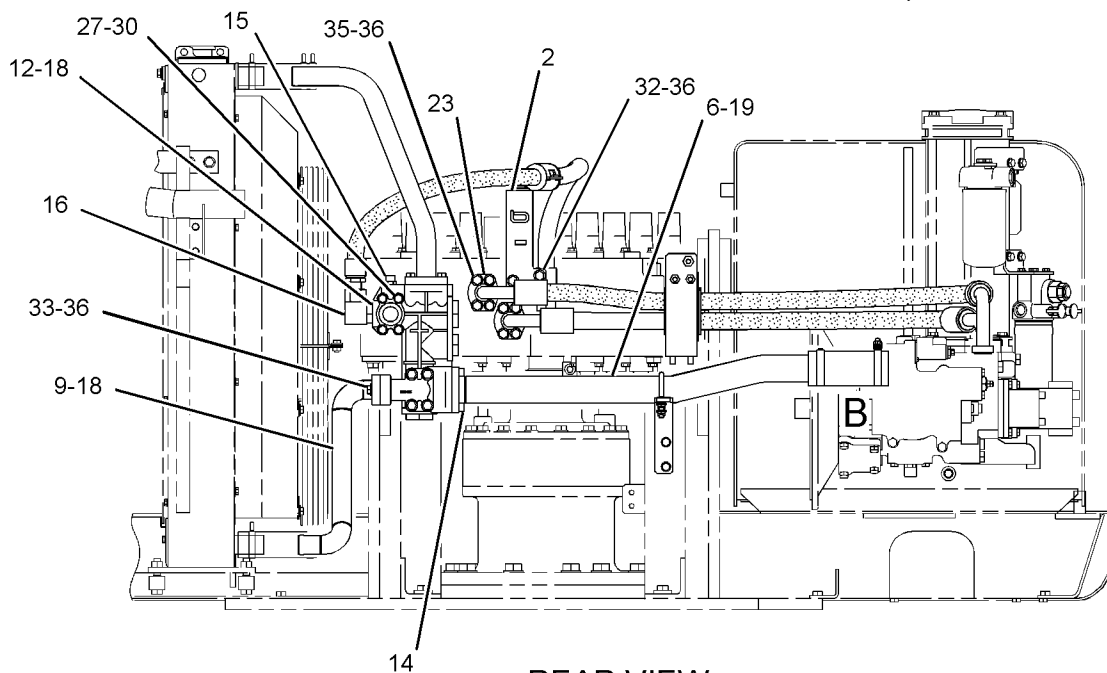
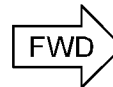
248-9846 LINES GP-HYDRAULIC OIL COOLER (contd.)

i02778595

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



TOP VIEW



REAR VIEW

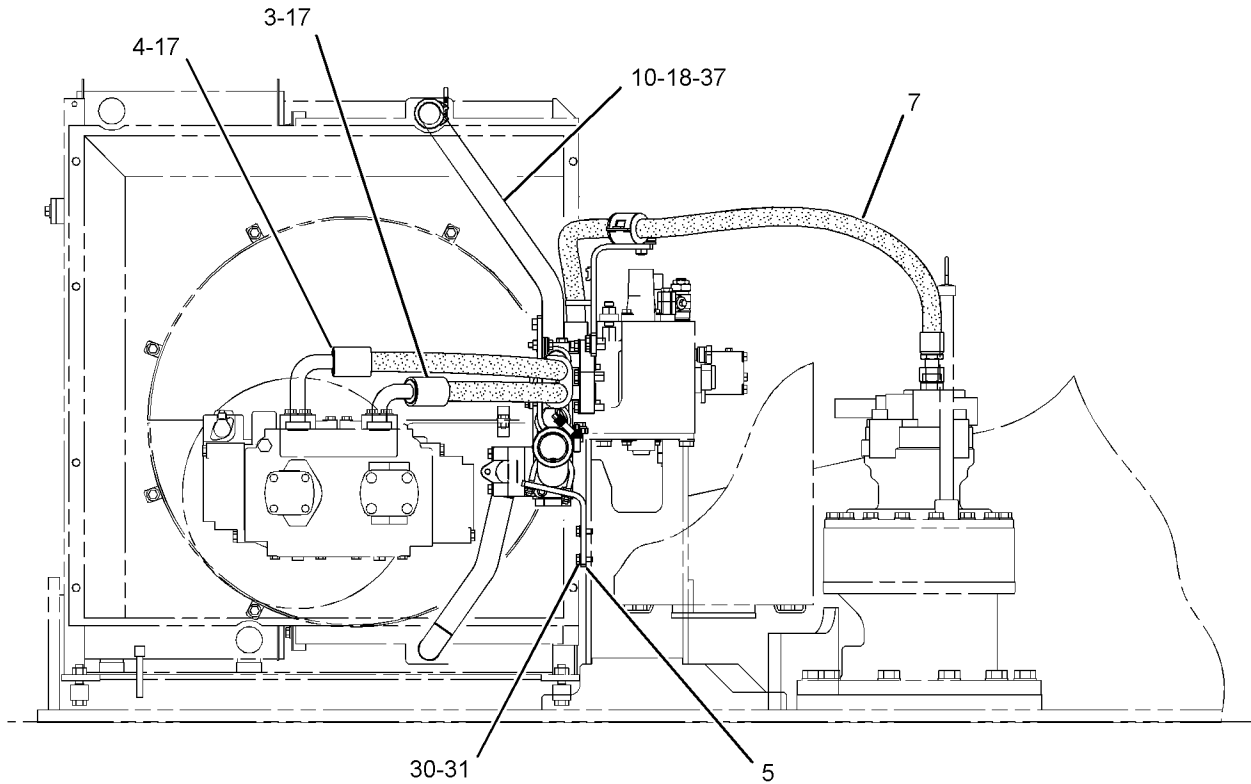
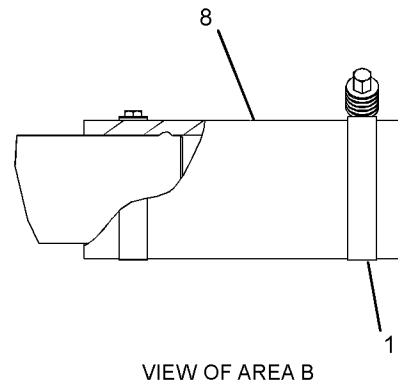
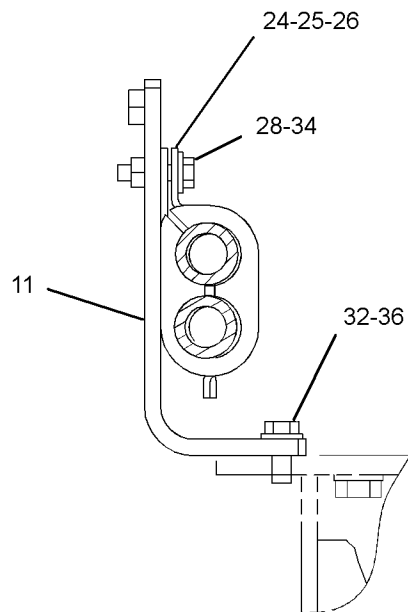
GRAPHIC #1

g01393338

HYDRAULIC SYSTEM

248-9846 LINES GP-HYDRAULIC OIL COOLER (contd.)

i02778595



GRAPHIC #2

<END>

g01393487

HYDRAULIC SYSTEM

248-9848 LINES GP-HYDRAULIC OIL COOLER

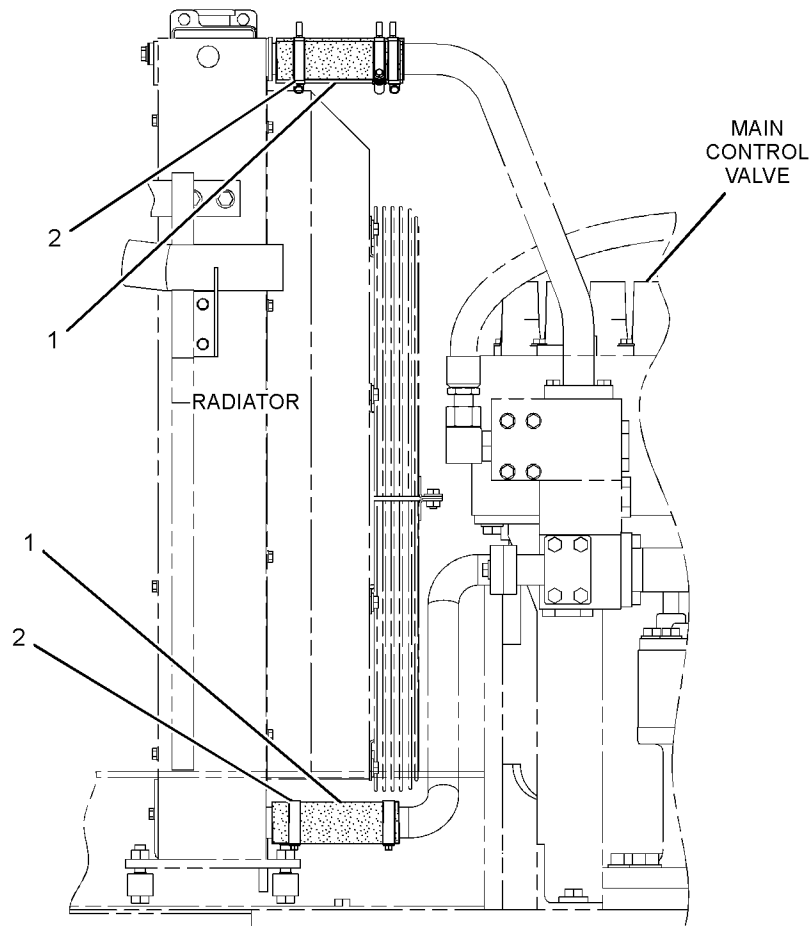
S/N: A6F1-UP; A8F1-UP

PART OF 285-1354, 285-1355 HYDRAULIC AR

SMCS-1374

i02778840

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	227-0265	2	HOSE						
	2	1	8T-6703	5	CLAMP-HOSE						



REAR VIEW

<END>

GRAPHIC #1

g01276111

HYDRAULIC SYSTEM

248-9825 LINES GP-PILOT-JOYSTICK, PEDALS

S/N: A6F1-UP; A8F1-UP

PART OF 285-1354, 285-1355 HYDRAULIC AR

SMCS-5057, 5059

i02662320

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	4I-9521	2	MARKER (RED, L1)	
	2	2	4I-9522	2	MARKER (YELLOW, L2)	
	3	2	4I-9523	2	MARKER (BLUE, L3)	
	4	2	4I-9524	2	MARKER (BROWN, L4)	
	5	2	4I-8525	2	FILM-LIFT CAPACITY	
	6	2	4I-9526	2	MARKER (WHITE, R2)	
	7	2	4I-9527	2	MARKER (GREEN, R3)	
	8	2	4I-9528	2	MARKER (PURPLE, R4)	
	9	1,2	7K-1181	3	STRAP-CABLE	
I	10	1	087-4402	2	HOSE AS	
	11	2	133-5813	4	BAND-MARKER (GRAY, P)	
	12	2	167-3466	1	SWITCH AS-PRESSURE (IMPLEMENT, SWING)	
	12A	1	167-3466	1	SWITCH AS-PRESSURE (TRAVEL, LH)	
	12B	1	167-3466	1	SWITCH AS-PRESSURE (TRAVEL, RH)	
					(EACH SWITCH AS-PRESSURE INCLUDES)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	9X-3401	1	PIN-CONNECTOR (16-GA TO 18-GA)	
	13	2	168-9759	1	BLOCK	
	14	1,2	184-9336	4	SUPPORT	
	15	2	185-0383	1	BRACKET	
Y	16	2	185-0462	1	VALVE GP-SHUTTLE	550
	17	2	236-2843	4	HOSE AS	
	18	2	236-2844	3	HOSE AS	
	19	2	236-2848	1	HOSE AS	
	20	2	245-5079	1	HOSE AS	
	21	2	255-1665	1	HOSE AS	
	22	2	255-1666	1	HOSE AS	
Y	23	1	270-5947	1	VALVE GP-PILOT (TRAVEL)	524
	24	1,2	148-8336	23	CONNECTOR AS	
					(EACH INCLUDES)	
		1,2	3J-1907	1	SEAL-O-RING	
		1,2	6V-8397	1	SEAL-O-RING	
		1,2	6V-8636	1	CONNECTOR	
	25	2	148-8353	8	ELBOW AS	
					(EACH INCLUDES)	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	6V-9001	1	ELBOW	
	26	2	148-8354	2	ELBOW AS	
					(EACH INCLUDES)	
		2	3K-0360	1	SEAL-O-RING	
		2	6V-8398	1	SEAL-O-RING	
		2	6V-9002	1	ELBOW	
	27	1,2	148-8378	6	ELBOW AS	
					(EACH INCLUDES)	
		1,2	3J-1907	1	SEAL-O-RING	
		1,2	6V-8397	1	SEAL-O-RING	
		1,2	6V-8724	1	ELBOW	
	28	2	148-8407	4	PLUG AS	
					(EACH INCLUDES)	
		2	3J-1907	1	SEAL-O-RING	
		2	9S-4191	1	PLUG-O-RING	
	29	1,2	164-5628	3	CONNECTOR AS	
					(EACH INCLUDES)	
		1,2	3J-1907	1	SEAL-O-RING	

HYDRAULIC SYSTEM

248-9825 LINES GP-PILOT (contd.)

i02662320

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1,2	6V-8397	1	SEAL-O-RING						
		1,2	107-6631	1	CONNECTOR (SCREEN)						
	30	1,2	8T-4121	20	WASHER-HARD (11X21X2.5-MM THK)						
M	31	1	8T-4136	4	BOLT (M10X1.5X25-MM)						
M	32	1,2	8T-4137	15	BOLT (M10X1.5X20-MM)						
M	33	2	8T-4198	2	BOLT (M10X1.5X100-MM)						
	34	2	289-5657	1	HOSE AS						
	35	2	4P-7581	1	CLIP						

I-REFER TO HYDRAULIC INFORMATION SYSTEM

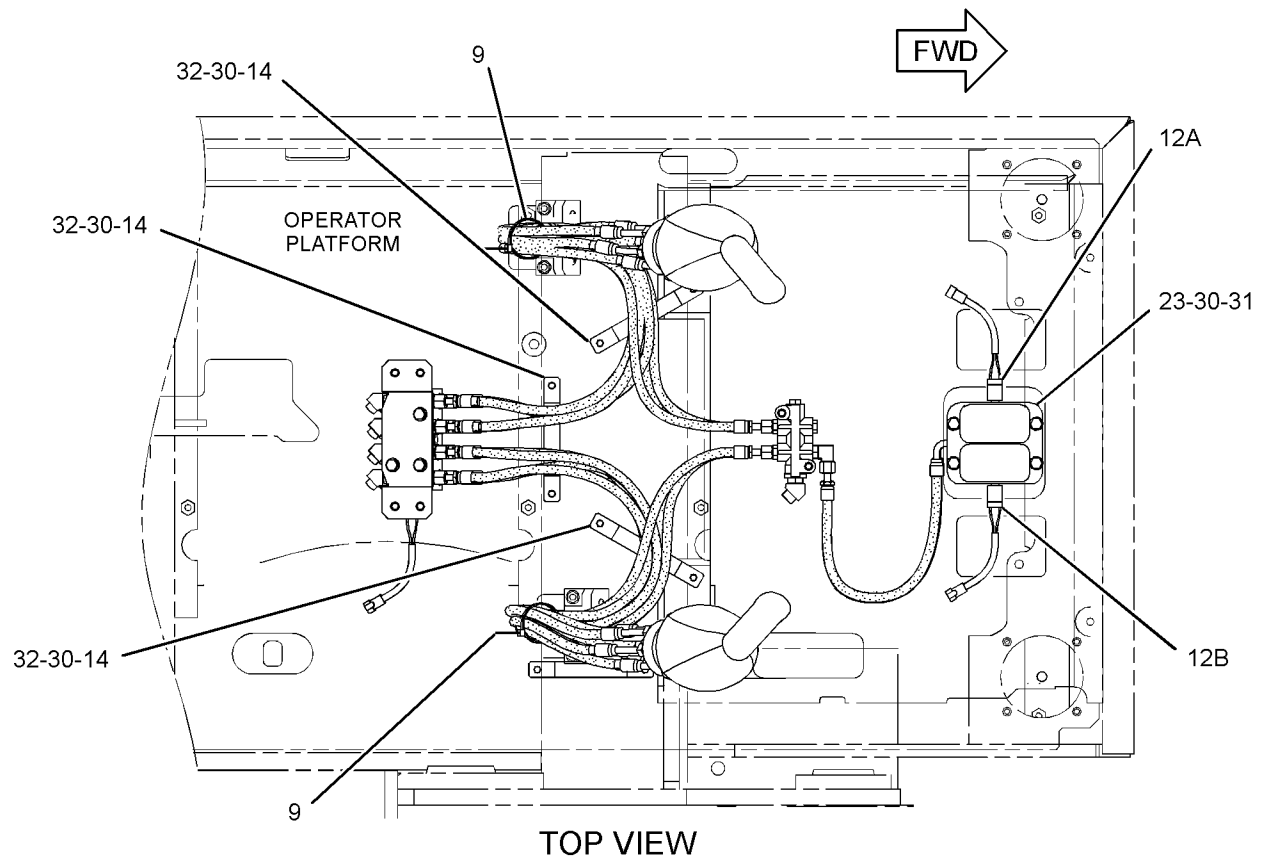
M-METRIC PART

Y-SEPARATE ILLUSTRATION

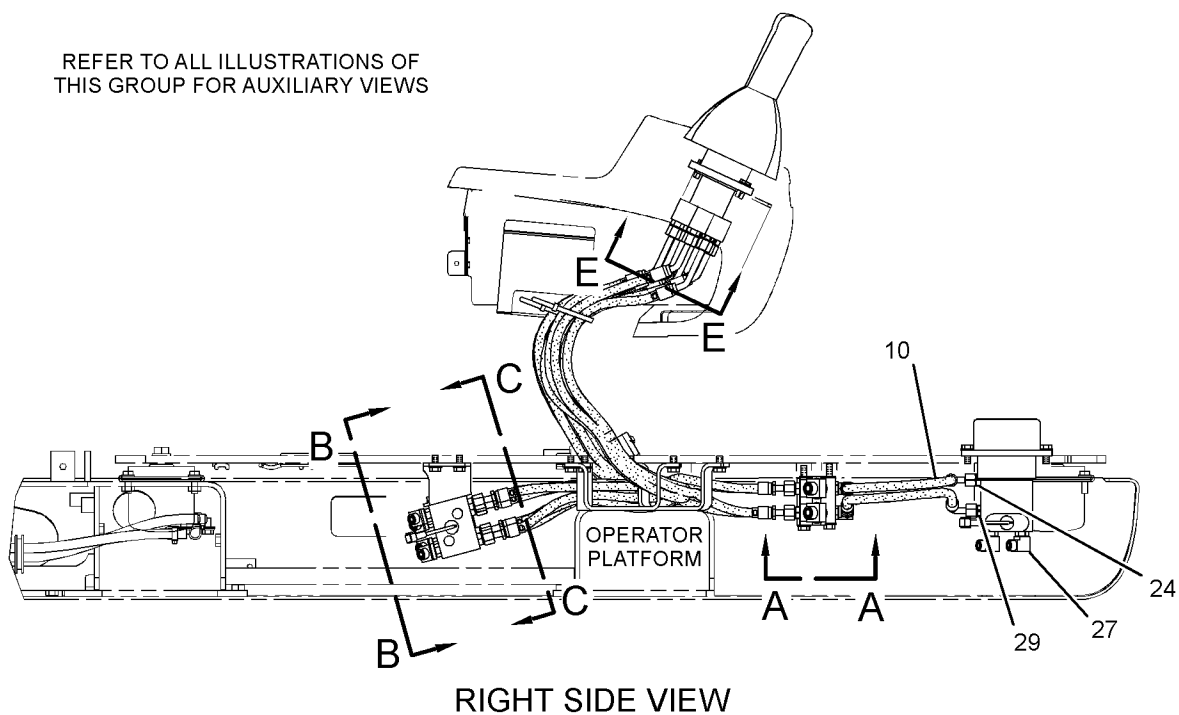
HYDRAULIC SYSTEM

248-9825 LINES GP-PILOT (contd.)

i02662320



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



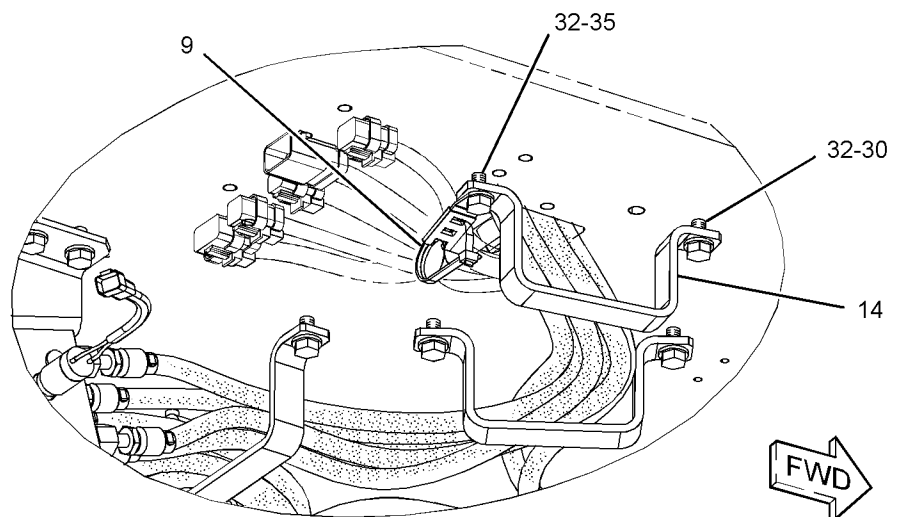
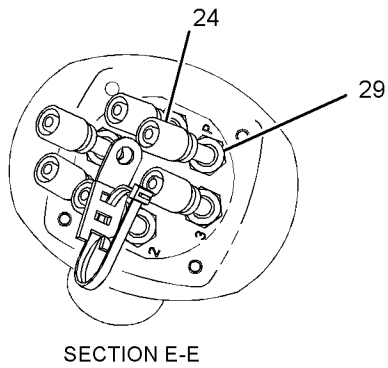
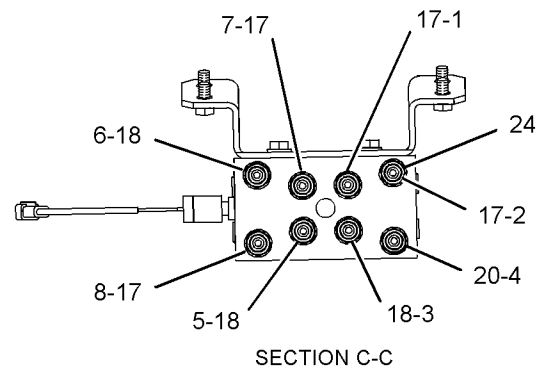
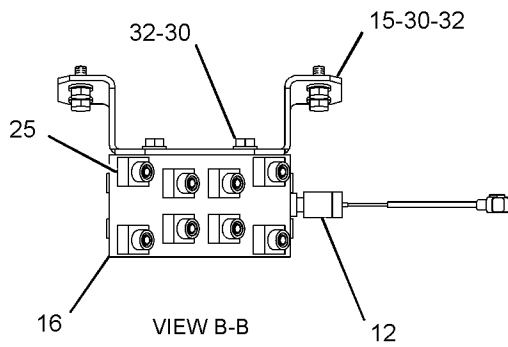
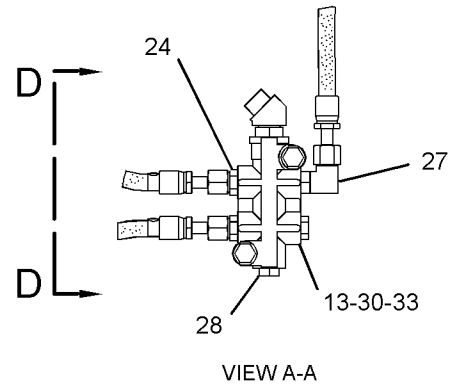
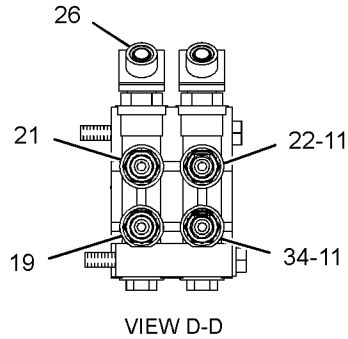
GRAPHIC #1

g01318427

HYDRAULIC SYSTEM

248 - 9825 LINES GP - PILOT (contd.)

i02662320



GRAPHIC #2

<END>

g01318428

HYDRAULIC SYSTEM

248 - 9850 LINES GP - PILOT-MAIN CONTROL VALVE

S/N: A6F1-UP; A8F1-UP

PART OF 285-1354, 285-1355 HYDRAULIC AR

SMCS-5057, 5059

i02778845

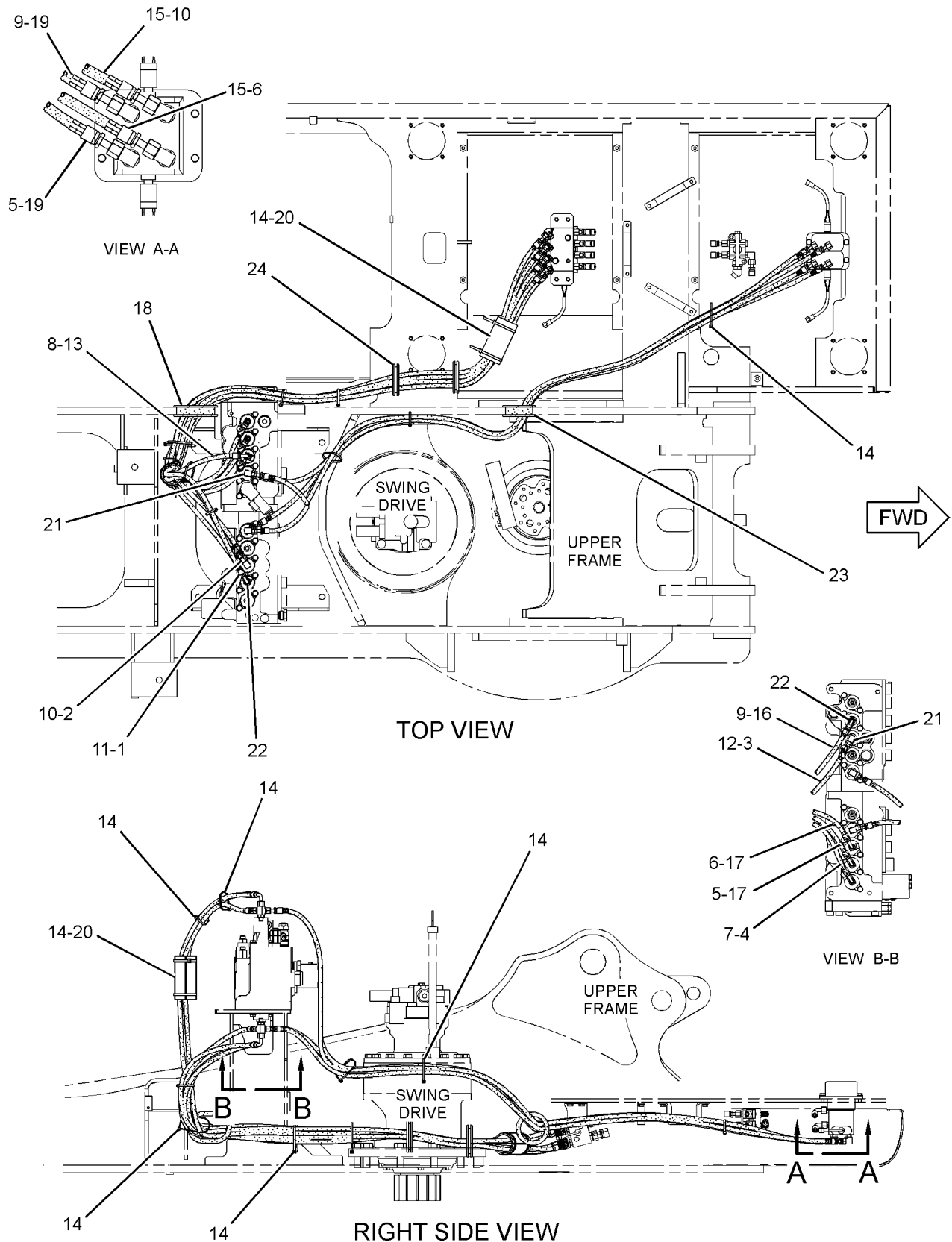
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	4I-1631	1	HOSE AS						
I	2	1	4I-3981	1	HOSE AS						
I	3	1	4I-3994	1	HOSE AS						
I	4	1	4I-6054	1	HOSE AS						
	5	1	4I-9521	6	MARKER (RED, L1)						
	6	1	4I-9522	6	MARKER (YELLOW, L2)						
	7	1	4I-9523	2	MARKER (BLUE, L3)						
	8	1	4I-9524	2	MARKER (BROWN, L4)						
	9	1	4I-9525	6	MARKER (ORANGE, R1)						
	10	1	4I-9526	6	MARKER (WHITE, R2)						
	11	1	4I-9527	2	MARKER (GREEN, R3)						
	12	1	4I-9528	2	MARKER (PURPLE, R4)						
I	13	1	5I-8853	1	HOSE AS						
	14	1	7K-1181	13	STRAP - CABLE						
I	15	1	7Y-4193	2	HOSE AS						
I	16	1	7Y-4390	1	HOSE AS						
I	17	1	087-5303	2	HOSE AS						
	18	1	176-4708	1	GROMMET						
	19	1	221-4883	2	HOSE AS						
	20	1	115-8645	2	GUARD						
	21	1	148-8378	6	ELBOW AS						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8724	1	ELBOW						
	22	1	148-8435	6	TEE AS						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	2	SEAL-O-RING						
		1	6V-8781	1	TEE-FACE SEAL						
	23	1	202-4004	1	GROMMET						
	24	1	4I-3953	2	GROMMET						

I - REFER TO HYDRAULIC INFORMATION SYSTEM

HYDRAULIC SYSTEM

248-9850 LINES GP-PILOT (contd.)

i02778845



GRAPHIC #1

<END>

g01228069

HYDRAULIC SYSTEM

248-9851 LINES GP-PILOT-MAIN CONTROL VALVE

S/N: A6F1-UP; A8F1-UP

PART OF 285-1354, 285-1355 HYDRAULIC AR

SMCS-5057, 5059

i02778988

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
I	1	2	4I-0818	1	HOSE AS	
I	2	2	4I-0836	1	HOSE AS	
I	3	1	4I-1037	1	HOSE AS	
I	4	1	4I-1739	1	HOSE AS	
I	5	1	4I-1780	1	HOSE AS	
I	6	2	4I-5906	1	HOSE AS	
I	7	1	4I-5933	1	HOSE AS	
	8	2	4I-9521	2	MARKER (RED, L1)	
	9	1	4I-9522	6	MARKER (YELLOW, L2)	
	10	1	4I-9523	4	MARKER (BLUE, L3)	
	11	1,2	4I-9524	6	MARKER (BROWN, L4)	
	12	1	4I-9525	2	MARKER (ORANGE, R1)	
	13	1,2	4I-9527	4	MARKER (GREEN, R3)	
	14	1	4I-9528	4	MARKER (PURPLE, R4)	
I	15	1	5I-4076	1	HOSE AS	
I	16	2	5I-4396	1	HOSE AS	
I	17	2	5I-8708	1	HOSE AS	
	18	1,2	7K-1181	17	STRAP-CABLE	
I	19	1	7Y-8487	1	HOSE AS	
I	20	1,2	087-4411	1	HOSE AS	
I	21	1	087-4531	2	HOSE AS	
I	22	1	087-4534	1	HOSE AS	
I	23	2	087-5760	1	HOSE AS	
I	24	1	087-5762	1	HOSE AS	
I	25	2	087-5772	1	HOSE AS	
I	26	1,2	087-5774	2	HOSE AS	
I	27	2	104-8838	1	HOSE AS	
I	28	1	110-5496	1	HOSE AS	
I	29	1	143-4254	2	HOSE AS	
	30	2	148-8364	2	ELBOW AS	
					(EACH INCLUDES)	
		2	3K-0360	1	SEAL-O-RING	
		2	6V-8398	1	SEAL-O-RING	
		2	6V-8625	1	ELBOW	
	31	2	148-8433	3	TEE AS	
					(EACH INCLUDES)	
		2	6V-8397	2	SEAL-O-RING	
		2	6V-9836	1	TEE-SWIVEL	
	32	2	148-8435	4	TEE AS	
					(EACH INCLUDES)	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	2	SEAL-O-RING	
		2	6V-8781	1	TEE-FACE SEAL	
	33	2	150-4044	3	CONNECTOR AS	
					(EACH INCLUDES)	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	8T-1779	1	CONNECTOR	
Y	34	2	164-6981	1	ACCUMULATOR GP-HYDRAULIC (CHARGED)	280
I	35	1	164-8977	1	HOSE AS	
I	36	1	164-8983	1	HOSE AS	
	37	2	176-4463	1	PLATE	
	38	2	176-4469	1	BLOCK	
I	39	2	176-4472	1	HOSE AS	
I	40	2	176-4768	1	HOSE AS	
I	41	1	187-7070	2	HOSE AS	

HYDRAULIC SYSTEM

248-9851 LINES GP-PILOT (contd.)

i02778988

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
I	42	1	199-1965	1	HOSE AS	
	43	1	202-4004	1	GROMMET	
Y	44	2	215-5037	1	MANIFOLD GP-CONTROL (PILOT OIL)	456
Y	45	2	232-4102	1	VALVE GP-PRESSURE REDUCING (BOOM, SWING PRIORITY)	531
Y	46	2	259-7732	1	VALVE GP-SHUTTLE	551
I	47	1	266-1098	1	HOSE AS	
	48	1	275-1442	1	CLIP (TAB)	
	49	1	275-1443	1	CLIP (SLOT)	
	50	1	275-1444	1	GROMMET	
	51	2	285-1399	1	CONNECTOR AS	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	285-1465	1	CONNECTOR	
I	52	1	286-6760	1	HOSE AS	
I	53	1	302-3168	1	HOSE AS	
M	54	2	099-3649	2	BOLT (M8X1.25X40-MM)	
M	55	2	105-3484	2	BOLT-SOCKET HEAD (M10X1.5X25-MM)	
	56	2	148-8336	7	CONNECTOR AS	
					(EACH INCLUDES)	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	6V-8636	1	CONNECTOR	
	57	2	148-8340	4	CONNECTOR AS	
					(EACH INCLUDES)	
		2	3K-0360	1	SEAL-O-RING	
		2	6V-8398	1	SEAL-O-RING	
		2	6V-8639	1	CONNECTOR	
	58	2	148-8353	5	ELBOW AS	
					(EACH INCLUDES)	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	6V-9001	1	ELBOW	
	59	2	148-8354	1	ELBOW AS	
		2	3K-0360	1	SEAL-O-RING	
		2	6V-8398	1	SEAL-O-RING	
		2	6V-9002	1	ELBOW	
	60	2	148-8367	2	ELBOW AS	
					(EACH INCLUDES)	
		2	6V-8397	1	SEAL-O-RING	
		2	6V-9850	1	ELBOW	
	61	2	148-8378	8	ELBOW AS	
					(EACH INCLUDES)	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	6V-8724	1	ELBOW	
	62	2	148-8407	6	PLUG AS	
					(EACH INCLUDES)	
		2	3J-1907	1	SEAL-O-RING	
		2	9S-4191	1	PLUG-O-RING	
	63	2	148-8439	2	TEE AS	
					(EACH INCLUDES)	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	2	SEAL-O-RING	
		2	6V-8774	1	TEE	
	64	1	4K-8864	1	CLIP	
	65	1	5P-7462	2	CLIP (SLOT)	
	66	1	5P-7463	2	CLIP (TAB)	
	67	1	6V-0683	2	GROMMET	
	68	2	6V-8397	2	SEAL-O-RING	

HYDRAULIC SYSTEM

248-9851 LINES GP-PILOT (contd.)

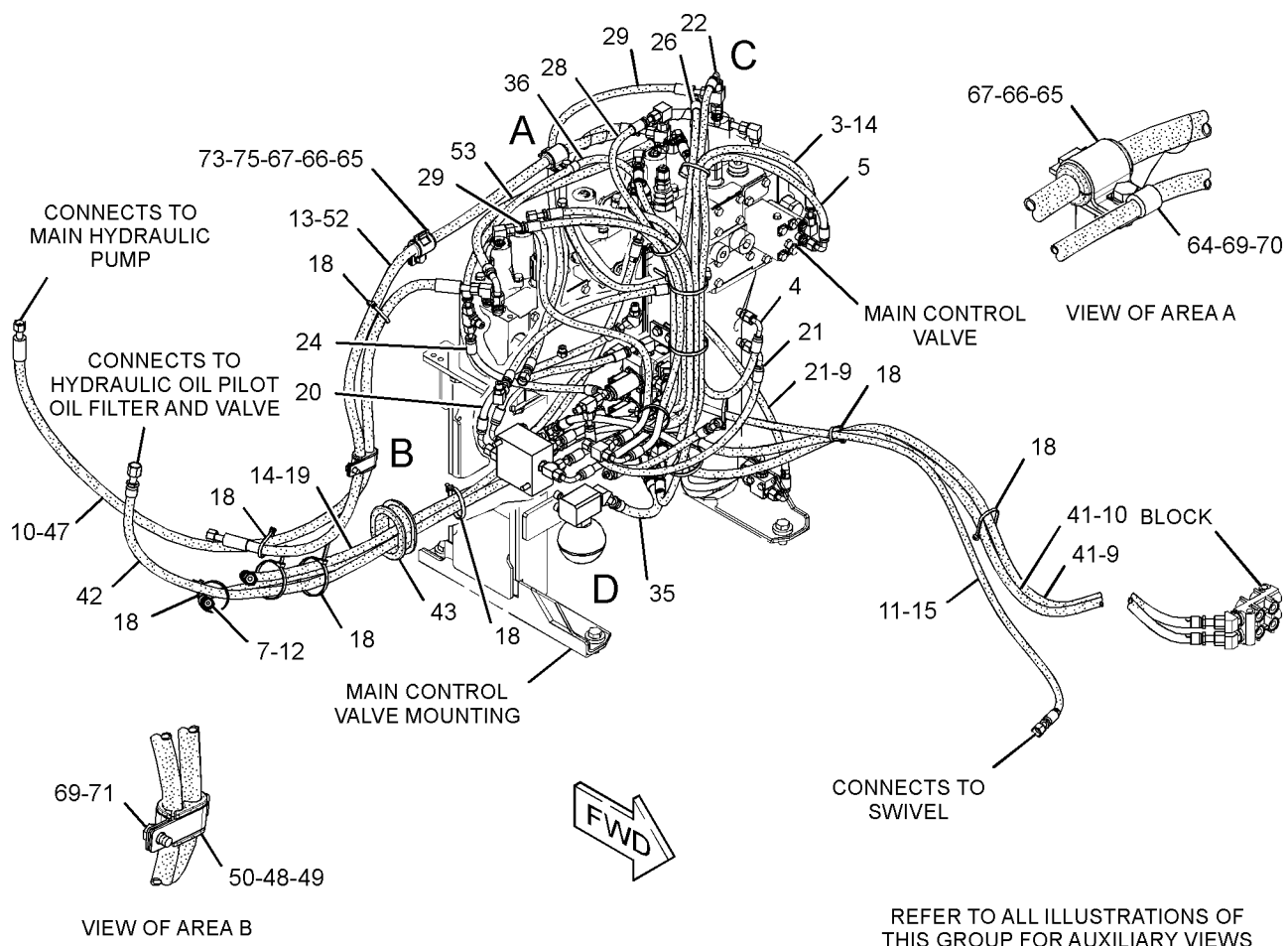
i02778988

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	69	1, 2	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)						
M	70	1	8T-4136	1	BOLT (M10X1.5X25-MM)						
M	71	1, 2	8T-4137	5	BOLT (M10X1.5X20-MM)						
M	72	2	8T-4172	2	BOLT (M10X1.5X80-MM)						
M	73	1	8T-4183	1	BOLT (M12X1.75X40-MM)						
M	74	2	8T-4192	3	BOLT (M12X1.75X25-MM)						
	75	1, 2	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)						

I - REFER TO HYDRAULIC INFORMATION SYSTEM

M - METRIC PART

Y - SEPARATE ILLUSTRATION



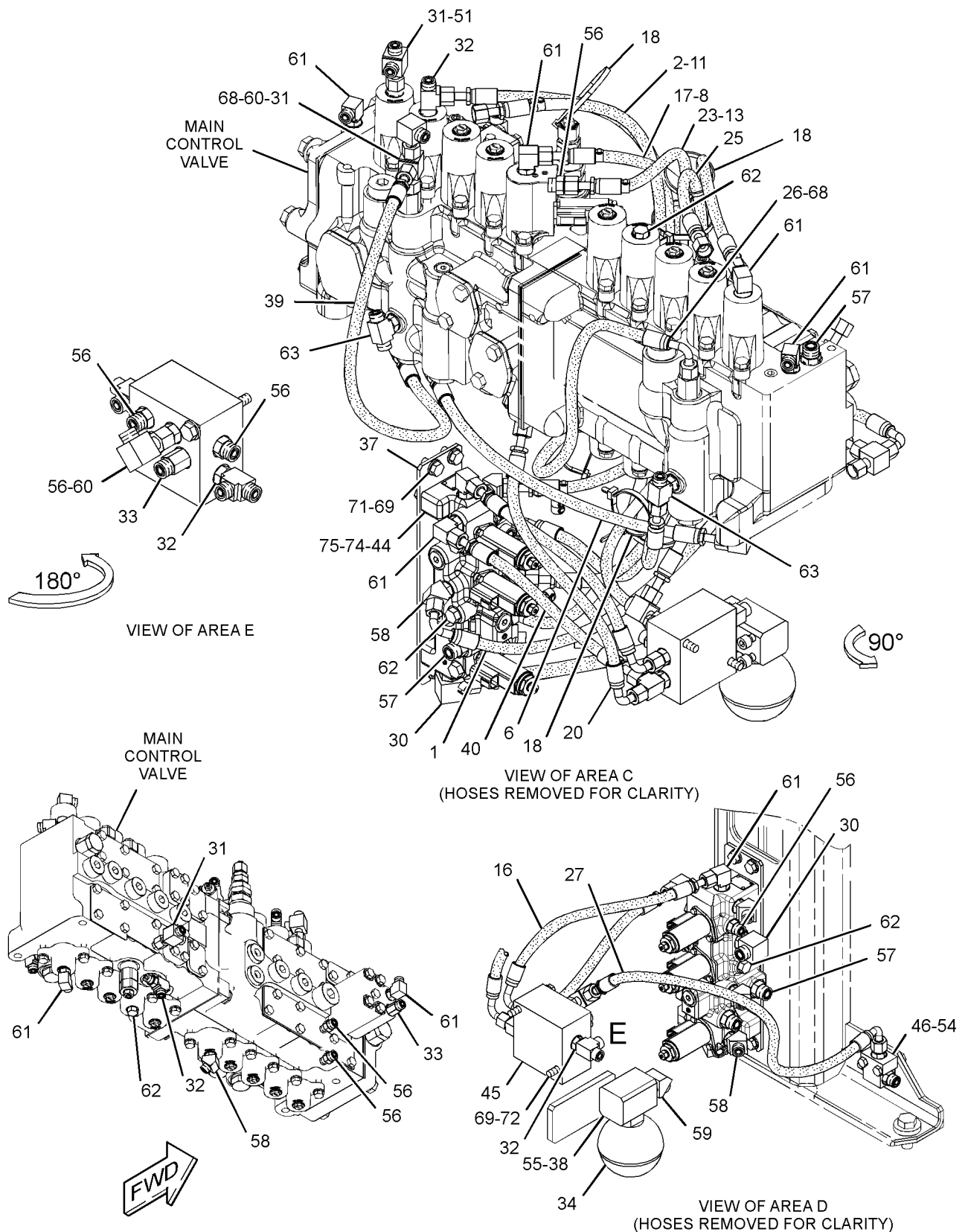
GRAPHIC #1

g01393583

HYDRAULIC SYSTEM

248-9851 LINES GP-PILOT (contd.)

i02778988



GRAPHIC #2

<END>

g01393584

HYDRAULIC SYSTEM

248-9852 LINES GP-PILOT-FILTER, PILOT PUMP

S/N: A6F1-UP; A8F1-UP

PART OF 285-1354, 285-1355 HYDRAULIC AR

SMCS-5057, 5059

i02795733

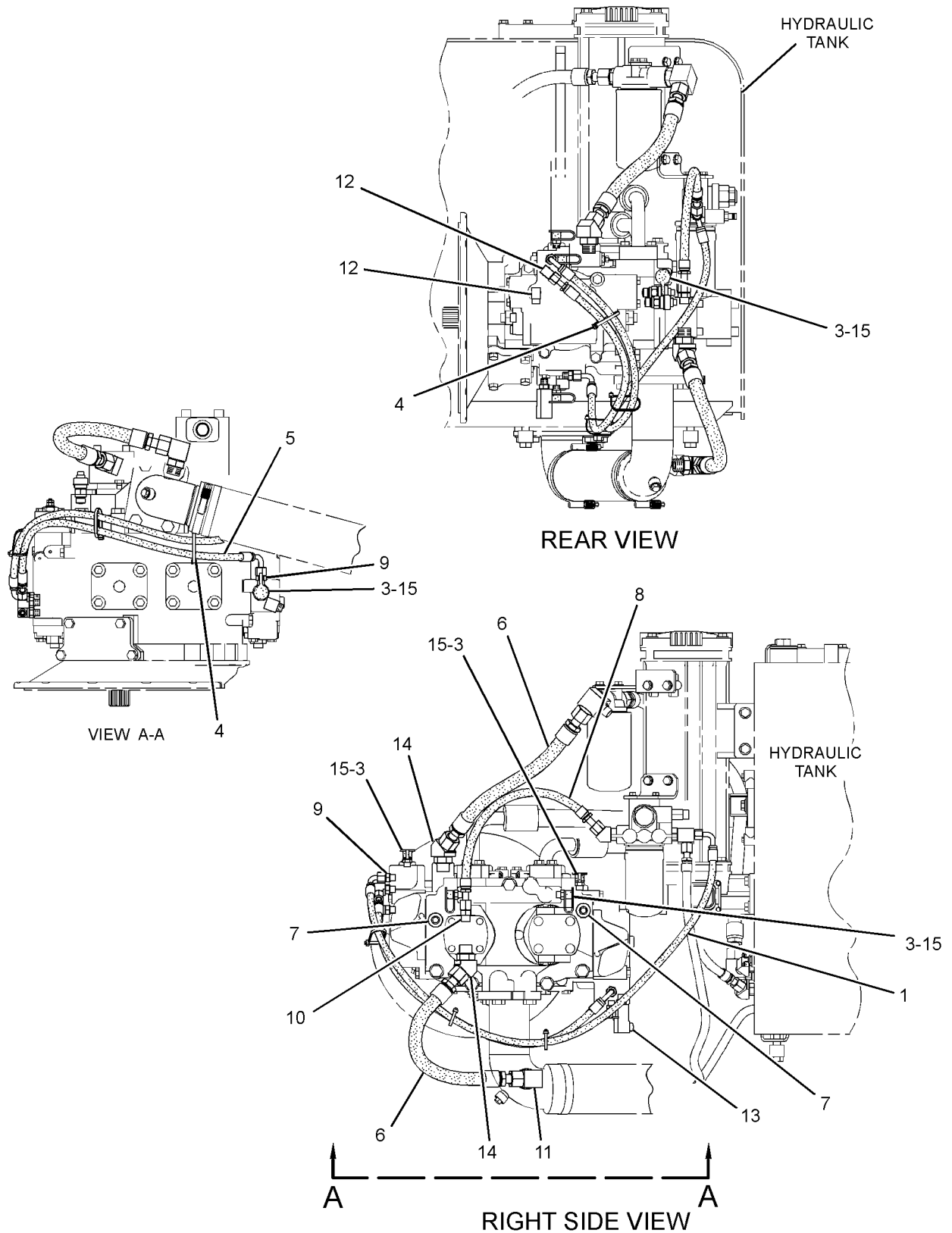
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	307-5120	1	HOSE AS	
	3	1	6V-0852	5	CAP-DUST	
	4	1	7K-1181	3	STRAP-CABLE	
I	5	1	7Y-8379	1	HOSE AS	
I	6	1	176-4743	2	HOSE AS	
	7	1	221-8859	2	SENSOR AS-PRESSURE (MAIN PUMP)	
					(EACH INCLUDES)	
		1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)	
		1	3K-0360	1	SEAL-O-RING	
		1	9X-3401	1	PIN-CONNECTOR (16-GA TO 18-GA)	
					-OR-	
		1	126-1767	1	PIN-CONNECTOR (14-GA)	
		1	171-0596	1	RECEPTACLE AS	
8	1	1	266-1028	1	HOSE AS	
9	1	1	148-8336	2	CONNECTOR AS	
					(EACH INCLUDES)	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-8636	1	CONNECTOR	
10	1	1	148-8340	1	CONNECTOR AS	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-8398	1	SEAL-O-RING	
		1	6V-8639	1	CONNECTOR	
11	1	1	148-8347	1	ELBOW AS	
		1	3D-2824	1	SEAL-O-RING	
		1	6V-9007	1	ELBOW	
		1	6V-9746	1	SEAL-O-RING	
12	1	1	148-8378	2	ELBOW AS	
					(EACH INCLUDES)	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-8724	1	ELBOW	
13	1	1	150-3036	1	ELBOW AS	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	8T-1905	1	ELBOW	
14	1	1	153-6237	2	ELBOW AS	
					(EACH INCLUDES)	
		1	3D-2824	1	SEAL-O-RING	
		1	6V-9004	1	ELBOW	
		1	6V-9746	1	SEAL-O-RING	
15	1	1	164-5567	5	FITTING AS (QUICK DISCONNECT, MALE)	
					(EACH INCLUDES)	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-3965	1	FITTING-COUPLER	

I-REFER TO HYDRAULIC INFORMATION SYSTEM

HYDRAULIC SYSTEM

248-9852 LINES GP-PILOT (contd.)

i02795733



HYDRAULIC SYSTEM

255 - 1659 LINES GP-PILOT-HEAVY LIFT

S/N: A6F1-UP; A8F1-UP

PART OF 240-3881 VALVE & LINES GP-HEAVY LIFT
AN ATTACHMENT

SMCS-5057, 5059

i02779908

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
I	1	1	087-4402	1	HOSE AS	
I	2	1	4I-6248	1	HOSE AS	
	3	1	4I-9522	2	MARKER (YELLOW, L2)	
	4	1	4I-9523	2	MARKER (BLUE, L3)	
	5	1	4I-9524	2	MARKER (BROWN, L4)	
	6	1	7K-1181	2	STRAP-CABLE	
I	7	1	087-5766	1	HOSE AS	
Y	8	1	121-6303	1	VALVE GP-SOLENOID	555
	9	1	269-9919	1	PLATE	
	10	1	148-8336	2	CONNECTOR AS	
					(EACH INCLUDES)	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-8636	1	CONNECTOR	
	11	1	148-8338	1	CONNECTOR AS	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	8T-0075	1	CONNECTOR	
	12	1	148-8367	1	ELBOW AS	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-9850	1	ELBOW	
	13	1	148-8378	2	ELBOW AS	
					(EACH INCLUDES)	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-8724	1	ELBOW	
	14	1	148-8435	1	TEE AS	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	2	SEAL-O-RING	
		1	6V-8781	1	TEE-FACE SEAL	
	15	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)	
M	16	1	8T-4137	2	BOLT (M10X1.5X20-MM)	
M	17	1	8T-4970	2	BOLT (M6X1X14-MM)	
	18	1	9X-8256	2	WASHER (6.6X12X2-MM THK)	

I-REFER TO HYDRAULIC INFORMATION SYSTEM

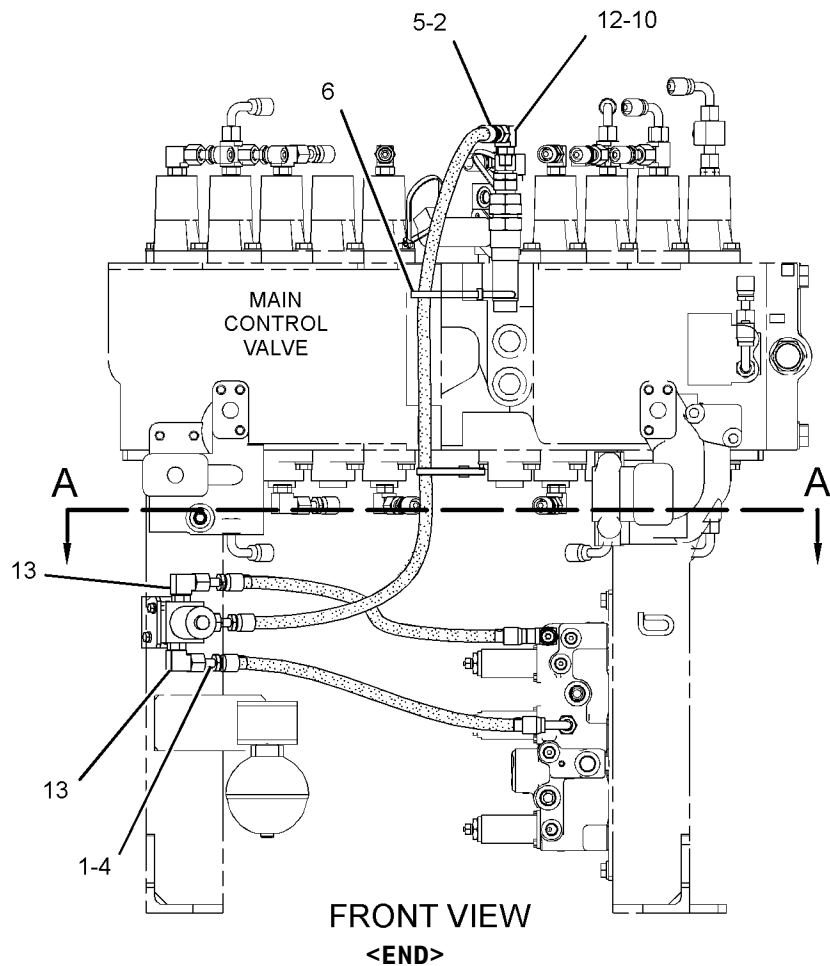
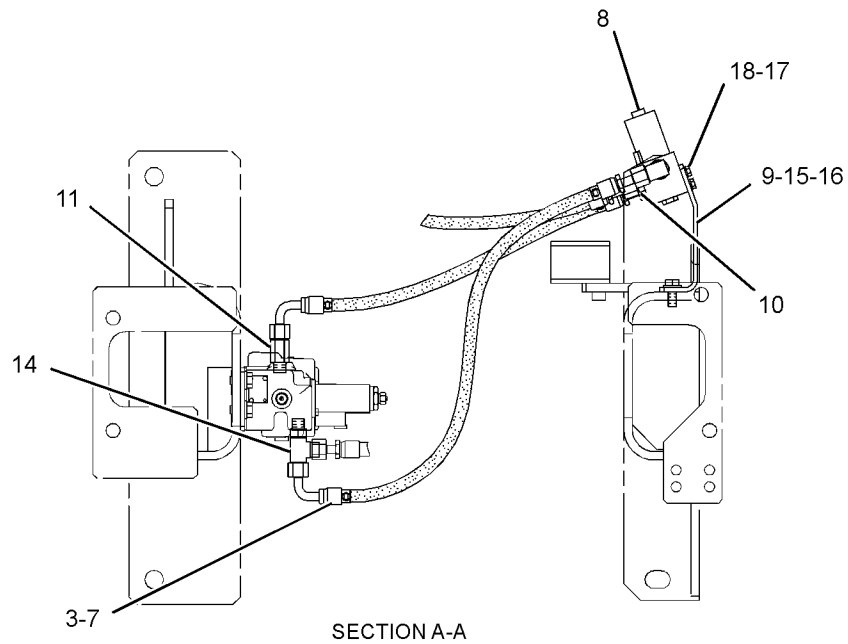
M-METRIC PART

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

255 - 1659 LINES GP-PILOT (contd.)

i02779908



GRAPHIC #1

g01226769

HYDRAULIC SYSTEM

255-1663 LINES GP-PILOT- SYSTEM 11, COMBINED FN, MEDIUM PRESSURE S/N: A6F1-UP; A8F1-UP PART OF 259-7495 CONTROL AR-AUXILIARY AN ATTACHMENT

SMCS-5057, 5059

i02787666

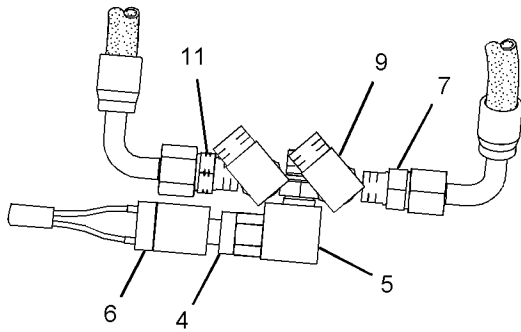
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	4I-1025	1	HOSE AS						
I	2	1	4I-1704	1	HOSE AS						
I	3	1	087-4402	2	HOSE AS						
	4	1	164-5629	2	FITTING AS						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL-O-RING						
		1	108-7516	1	FITTING						
	5	1	164-6874	1	FITTING AS-ELBOW						
		1	3J-1907	1	SEAL-O-RING						
		1	085-7356	1	FITTING						
	6	1	167-3466	2	SWITCH AS-PRESSURE (COMBINED FUNC, MEDIUM PRESSURE)						
					(EACH INCLUDES)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	9X-3401	2	PIN-CONNECTOR (16-GA TO 18-GA)						
					-OR-						
		1	126-1767	2	PIN-CONNECTOR (14-GA)						
	7	1	148-8336	2	CONNECTOR AS						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8636	1	CONNECTOR						
	8	1	148-8353	2	ELBOW AS						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-9001	1	ELBOW						
	9	1	148-8378	5	ELBOW AS						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8724	1	ELBOW						
	10	1	150-3036	1	ELBOW AS						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	8T-1905	1	ELBOW						
	11	1	164-5628	2	CONNECTOR AS						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	107-6631	1	CONNECTOR (SCREEN)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM

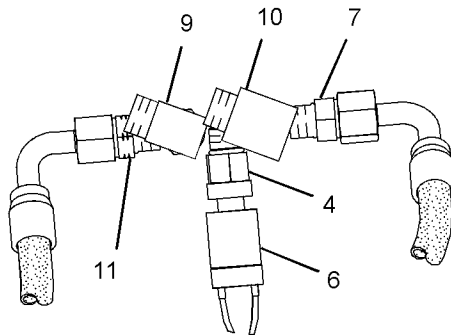
HYDRAULIC SYSTEM

255 - 1663 LINES GP-PILOT (contd.)

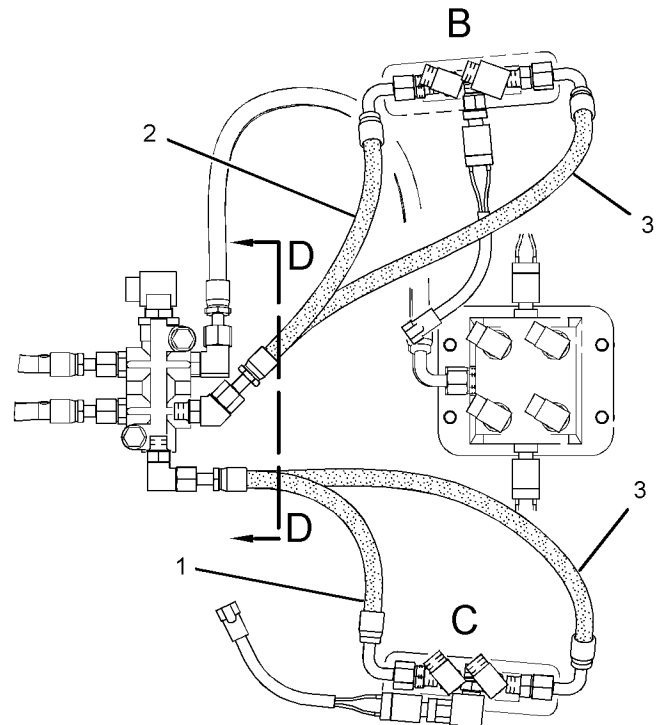
i02787666



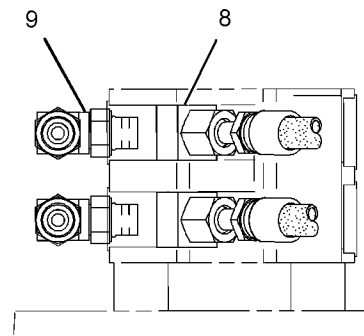
VIEW OF AREA C



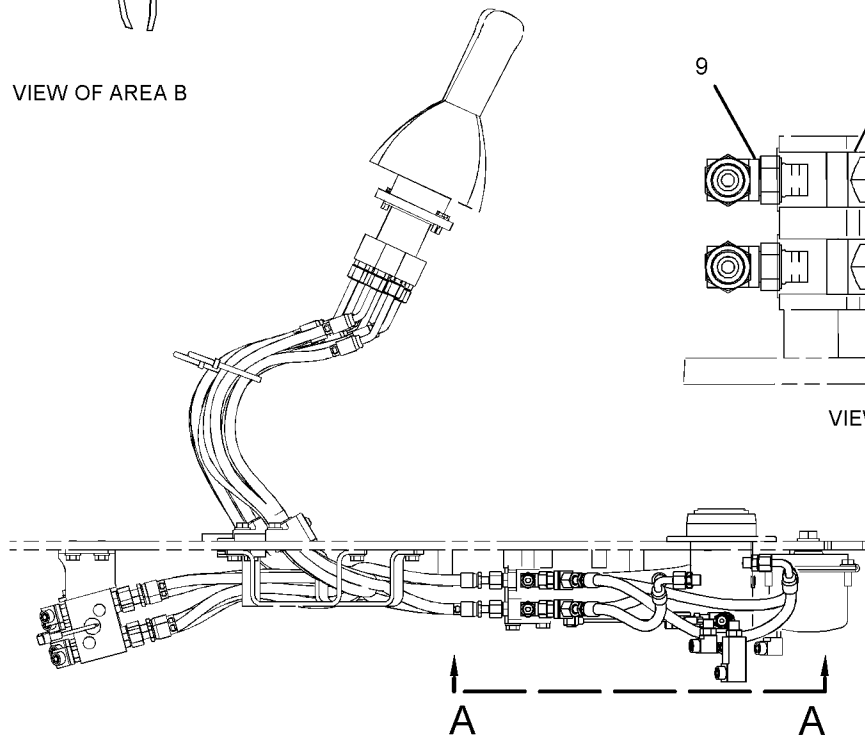
VIEW OF AREA B



VIEW A-A



VIEW D-D



RIGHT SIDE VIEW

<END>

GRAPHIC #1

g01232681

HYDRAULIC SYSTEM

255 - 1800 LINES GP - PILOT

S/N: A6F1-UP; A8F1-UP

PART OF 259-7492, 259-7494 CONTROL AR-AUXILIARY
AN ATTACHMENT

SMCS-5057, 5059

i02765962

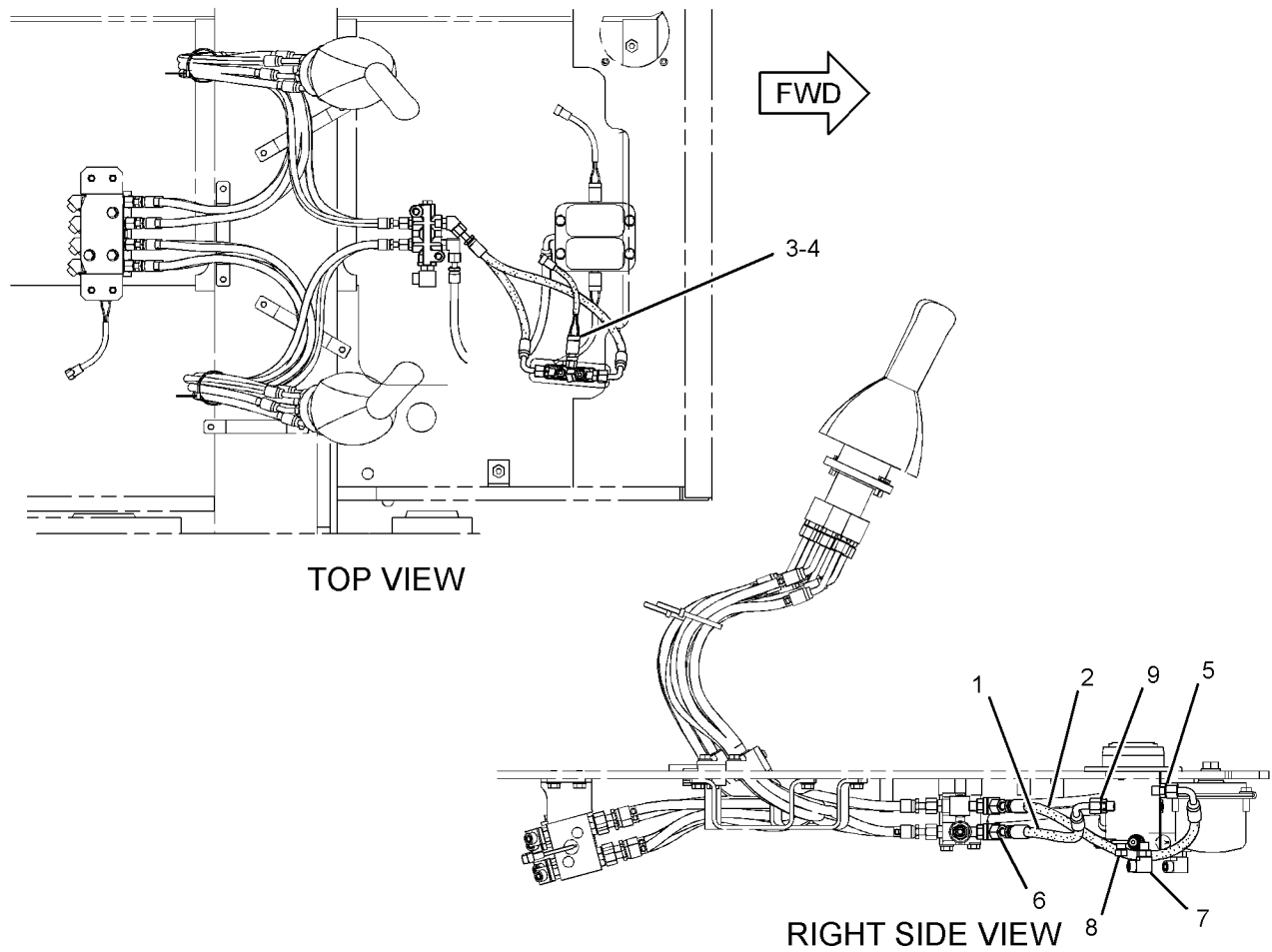
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	4I-1704	1	HOSE AS						
I	2	1	087-4402	1	HOSE AS						
	3	1	164-5629	1	FITTING AS						
		1	3J-1907	1	SEAL-O-RING						
		1	108-7516	1	FITTING						
	4	1	167-3466	1	SWITCH AS-PRESSURE (ACTION INPUT, WORK TOOL)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	9X-3401	1	PIN-CONNECTOR (16-GA TO 18-GA)						
	5	1	148-8336	1	CONNECTOR AS						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8636	1	CONNECTOR						
	6	1	148-8353	2	ELBOW AS						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-9001	1	ELBOW						
	7	1	148-8378	1	ELBOW AS						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8724	1	ELBOW						
	8	1	148-8407	1	PLUG AS						
		1	3J-1907	1	SEAL-O-RING						
		1	9S-4191	1	PLUG-O-RING						
	9	1	164-5628	1	CONNECTOR AS						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	107-6631	1	CONNECTOR (SCREEN)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM

HYDRAULIC SYSTEM

255 - 1800 LINES GP - PILOT (contd.)

i02765962



GRAPHIC #1

<END>

g01389248

HYDRAULIC SYSTEM

255-1802 LINES GP-PILOT-PEDAL CONTROLS

S/N: A8F1-UP

PART OF 259-7493 CONTROL AR-AUXILIARY
AN ATTACHMENT

SMCS-5057, 5059

i02790520

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	4I-1025	1	HOSE AS						
I	2	1	4I-1704	1	HOSE AS						
I	3	1	5I-4396	1	HOSE AS						
I	4	1	087-4402	2	HOSE AS						
I	5	1	087-6585	1	HOSE AS						
Y	6	1	123-2430	1	VALVE GP-SHUTTLE						548
	7	1	164-5629	1	FITTING AS						
		1	3J-1907	1	SEAL-O-RING						
		1	108-7516	1	FITTING						
	8	1	167-3466	1	SWITCH AS-PRESSURE (PILOT, BOOM UP)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	9X-3401	2	PIN-CONNECTOR (16-GA TO 18-GA)						
	9	1	148-8336	2	CONNECTOR AS						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8636	1	CONNECTOR						
	10	1	148-8353	3	ELBOW AS						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-9001	1	ELBOW						
	11	1	148-8378	5	ELBOW AS						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8724	1	ELBOW						
	12	1	148-8407	2	PLUG AS						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL-O-RING						
		1	9S-4191	1	PLUG-O-RING						
	13	1	164-5628	2	CONNECTOR AS						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	107-6631	1	CONNECTOR (SCREEN)						
	14	1	179-7578	1	SUPPORT AS						
	15	1	6V-8397	2	SEAL-O-RING						
M	16	1	7X-0818	2	BOLT (M8X1.25X45-MM)						
M	17	1	8T-4189	2	BOLT (M8X1.25X20-MM)						
	18	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM

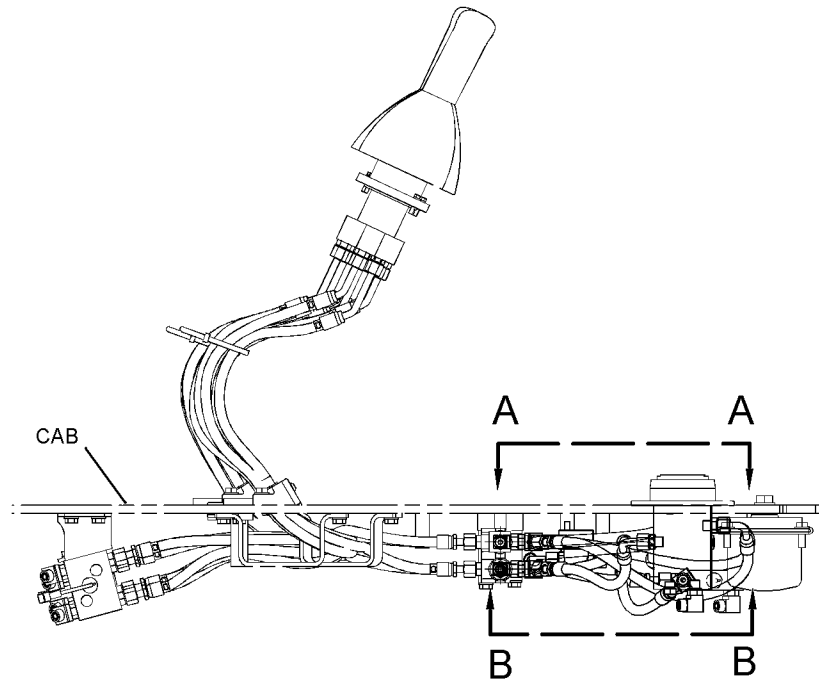
M-METRIC PART

Y-SEPARATE ILLUSTRATION

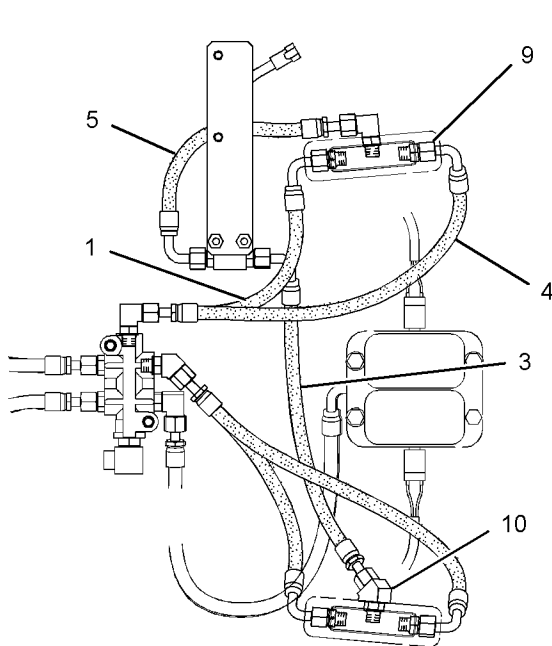
HYDRAULIC SYSTEM

255 - 1802 LINES GP-PILOT (contd.)

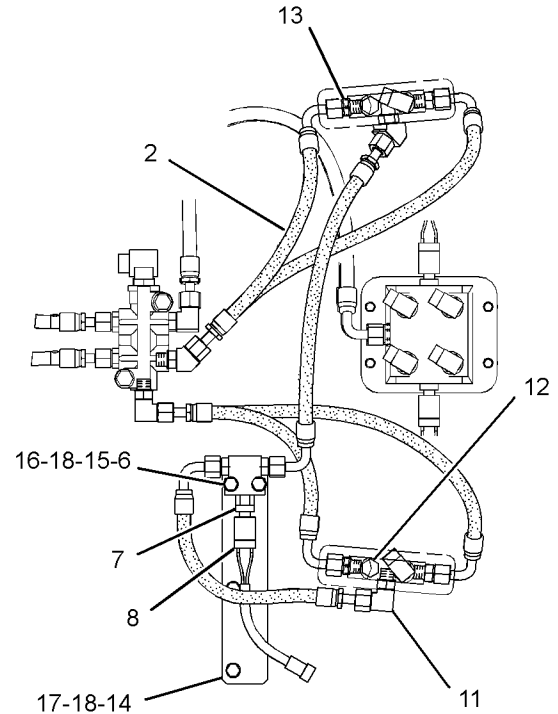
i02790520



RIGHT SIDE VIEW



VIEW A-A



VIEW B-B

GRAPHIC #1

<END>

g01233445

HYDRAULIC SYSTEM

255 - 1843 LINES GP - PILOT-THIRD PEDAL

S/N: A6F1-UP; A8F1-UP

PART OF 259-7178 PEDAL AR-AUXILIARY
AN ATTACHMENT

SMCS-5057, 5059

i02765414

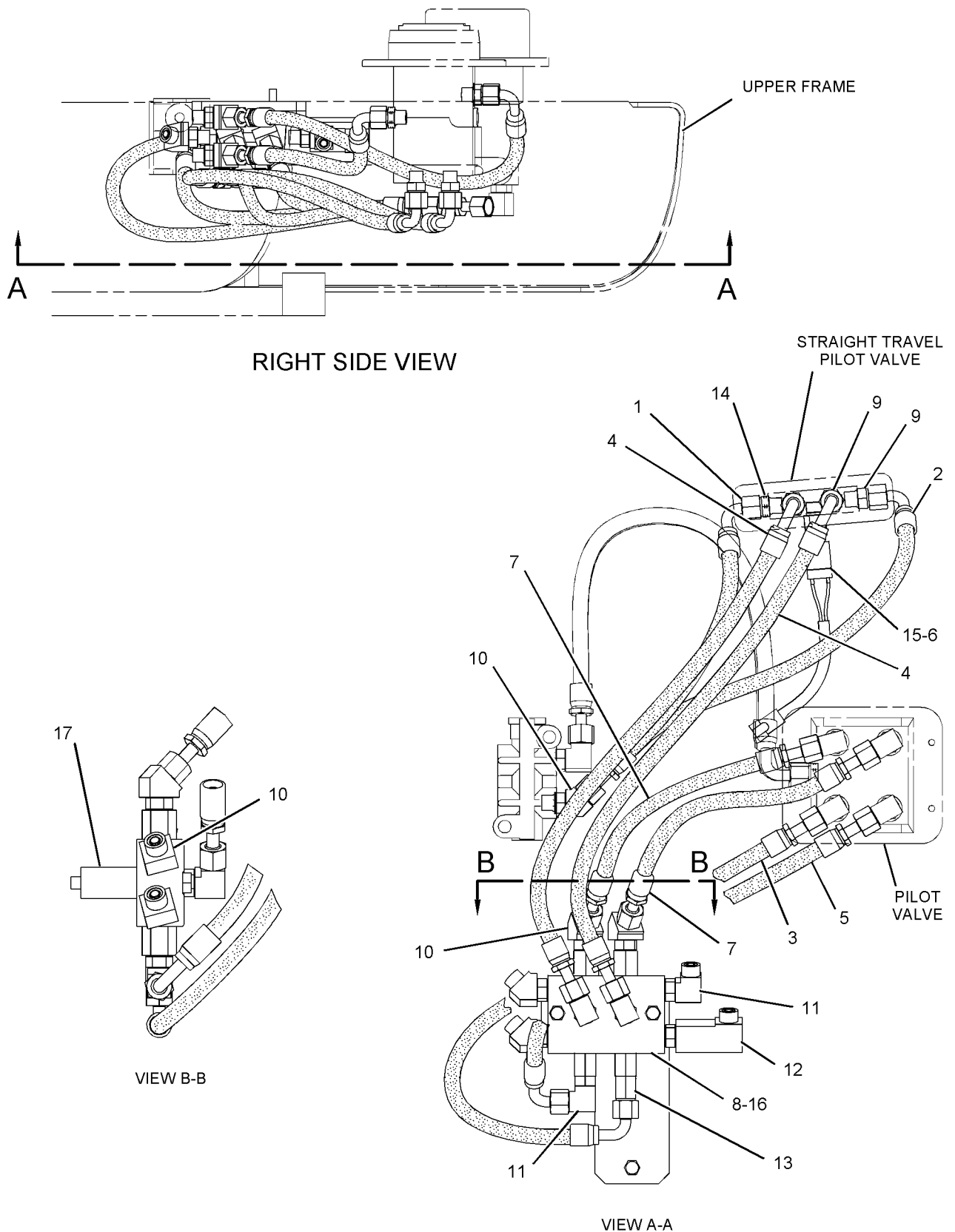
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	4I-1704	1	HOSE AS						
I	2	1	087-4402	1	HOSE AS						
I	3	1	087-5762	1	HOSE AS						
I	4	1	087-5765	2	HOSE AS						
I	5	1	087-5766	1	HOSE AS						
	6	1	164-5629	1	FITTING AS						
		1	3J-1907	1	SEAL-O-RING						
		1	108-7516	1	FITTING						
I	7	1	179-7456	2	HOSE AS						
Y	8	1	112-0083	1	VALVE GP-SHUTTLE						547
	9	1	148-8336	3	CONNECTOR AS						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8636	1	CONNECTOR						
	10	1	148-8353	6	ELBOW AS						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-9001	1	ELBOW						
	11	1	148-8378	4	ELBOW AS						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8724	1	ELBOW						
	12	1	150-3036	1	ELBOW AS						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	8T-1905	1	ELBOW						
	13	1	150-4044	1	CONNECTOR AS						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	8T-1779	1	CONNECTOR						
	14	1	164-5628	1	CONNECTOR AS						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	107-6631	1	CONNECTOR (SCREEN)						
	15	1	167-3466	1	SWITCH AS-PRESSURE (THIRD PEDAL, STRAIGHT TRAVEL)						
		1	9X-3401	2	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
CM	16	1	8T-4178	2	BOLT (M10X1.5X90-MM)						
C	17	1	4I-7889	2	SPACER (11X25X45-MM THK)						

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

HYDRAULIC SYSTEM

255 - 1843 LINES GP-PILOT (contd.)

i02765414



GRAPHIC #1

<END>

g01398371

HYDRAULIC SYSTEM

260 - 7965 LINES GP - PILOT-CONTROL VALVE, TRAVEL VALVE

S/N: A6F1-UP; A8F1-UP

PART OF 259-7178 PEDAL AR-AUXILIARY
AN ATTACHMENT

SMCS-5057, 5059

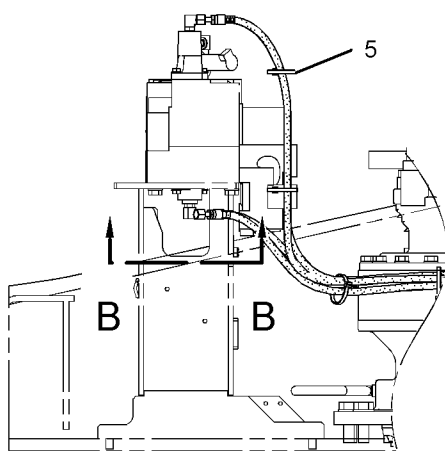
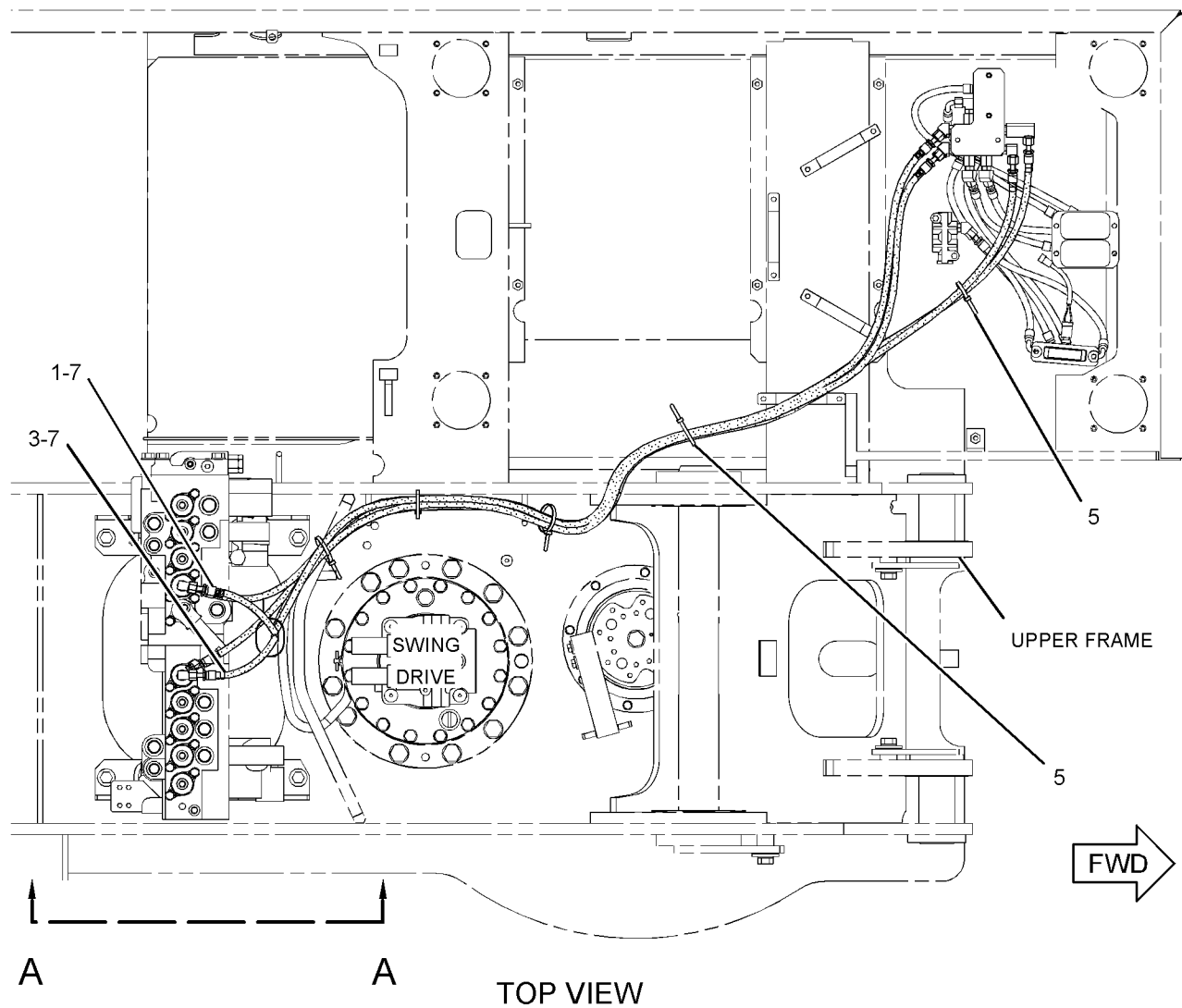
i02790750

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	4I-9521	4	MARKER (RED, L1)	
	2	1	4I-9522	4	MARKER (YELLOW, L2)	
	3	1	4I-9525	4	MARKER (ORANGE, R1)	
	4	1	4I-9526	4	MARKER (WHITE, R2)	
	5	1	7K-1181	7	STRAP-CABLE	
I	6	1	087-6583	2	HOSE AS	
	7	1	221-4883	2	HOSE AS	
I-REFER TO HYDRAULIC INFORMATION SYSTEM						

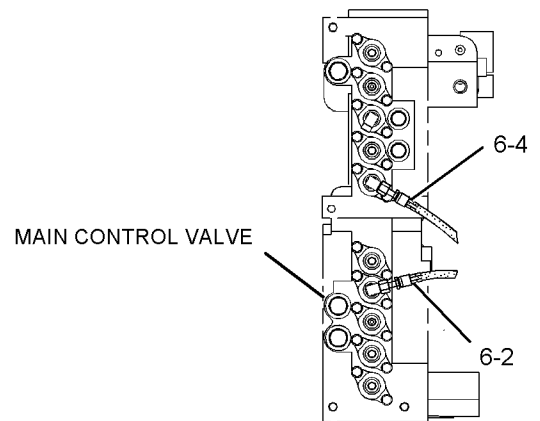
HYDRAULIC SYSTEM

260 - 7965 LINES GP-PILOT (contd.)

i02790750



VIEW A-A



VIEW B-B

GRAPHIC #1

<END>

g01230229

HYDRAULIC SYSTEM

260-7971 LINES GP-PILOT

S/N: A6F1-UP; A8F1-UP

PART OF 259-7492 CONTROL AR-AUXILIARY
AN ATTACHMENT

SMCS-5057, 5059

i02765677

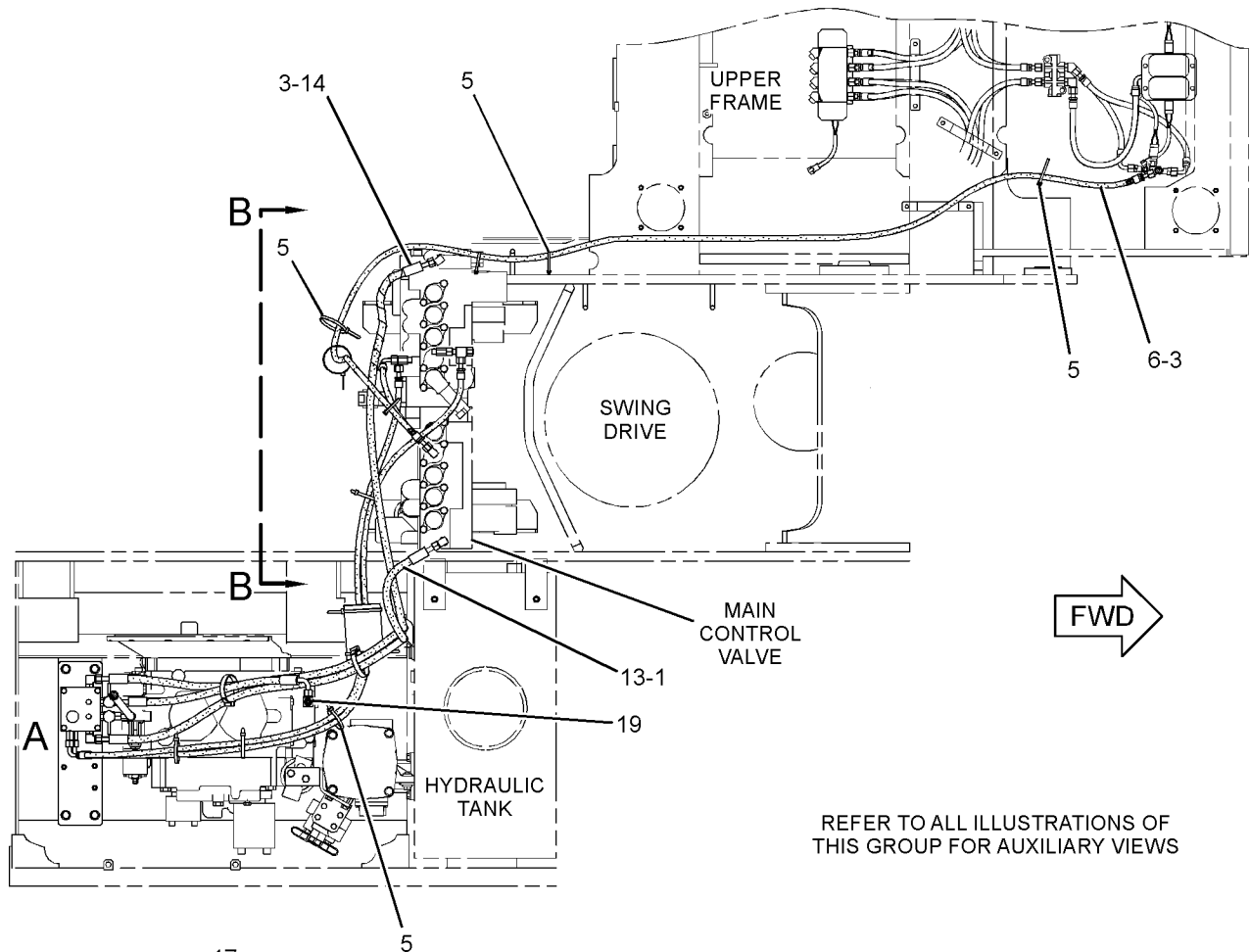
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1, 2	4I-9523	4	MARKER (BLUE, L3)	
	2	2	4I-9524	2	MARKER (BROWN, L4)	
	3	1, 2	4I-9527	8	MARKER (GREEN, R3)	
I	4	2	5I-4396	1	HOSE AS	
	5	1, 2	7K-1181	13	STRAP-CABLE	
I	6	1	7Y-4399	1	HOSE AS	
I	7	2	108-7375	1	HOSE AS	
I	8	2	111-0988	1	HOSE AS	
	9	2	136-0207	2	STRAP-CABLE	
	10	1	266-1108	1	SUPPORT AS	
I	11	2	266-1133	1	HOSE AS	
I	12	2	266-1136	1	HOSE AS	
I	13	1	266-1139	1	HOSE AS	
I	14	1	296-6975	1	HOSE AS	
	15	2	124-1008	1	GUARD	
	16	1	148-8338	4	CONNECTOR AS	
					(EACH INCLUDES)	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	8T-0075	1	CONNECTOR	
	17	1, 2	148-8378	5	ELBOW AS	
					(EACH INCLUDES)	
		1, 2	3J-1907	1	SEAL-O-RING	
		1, 2	6V-8397	1	SEAL-O-RING	
		1, 2	6V-8724	1	ELBOW	
	18	1	148-8433	1	TEE AS	
		1	6V-8397	2	SEAL-O-RING	
		1	6V-9836	1	TEE-SWIVEL	
	19	1	150-3036	1	ELBOW AS	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	8T-1905	1	ELBOW	
	20	1	150-4027	2	TEE AS	
					(EACH INCLUDES)	
		1	3E-2310	1	TEE	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
	21	1	164-5567	2	FITTING AS (QUICK DISCONNECT, MALE)	
					(EACH INCLUDES)	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-3965	1	FITTING-COUPLER	
Y	22	1	171-0188	1	VALVE GP-SOLENOID (NEG FLOW CONT, PROPN RED VALVE)	557
	23	1	6V-0852	2	CAP-DUST	
B	24	1	6V-9829	1	CAP AS	
M	25	1	8T-4177	4	BOLT (M8X1.25X90-MM)	
M	26	1	8T-4192	4	BOLT (M12X1.75X25-MM)	
	27	1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)	
	28	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)	

B-USE AS REQUIRED
I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART
Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

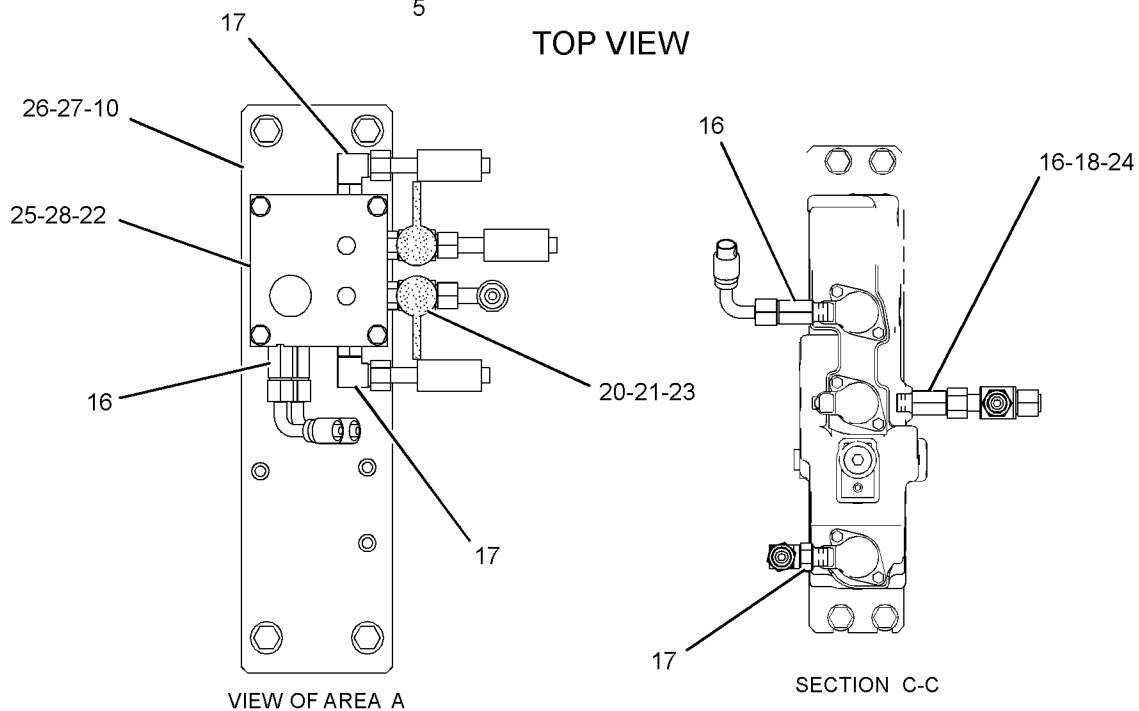
260-7971 LINES GP-PILOT (contd.)

i02765677



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

TOP VIEW



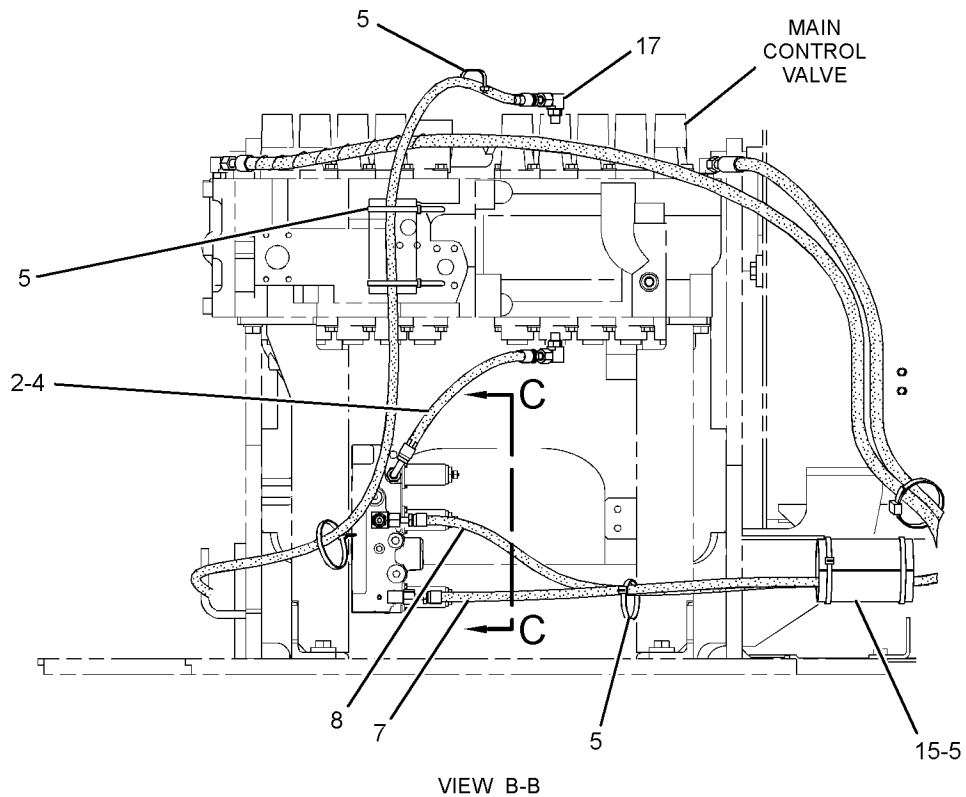
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g01338541

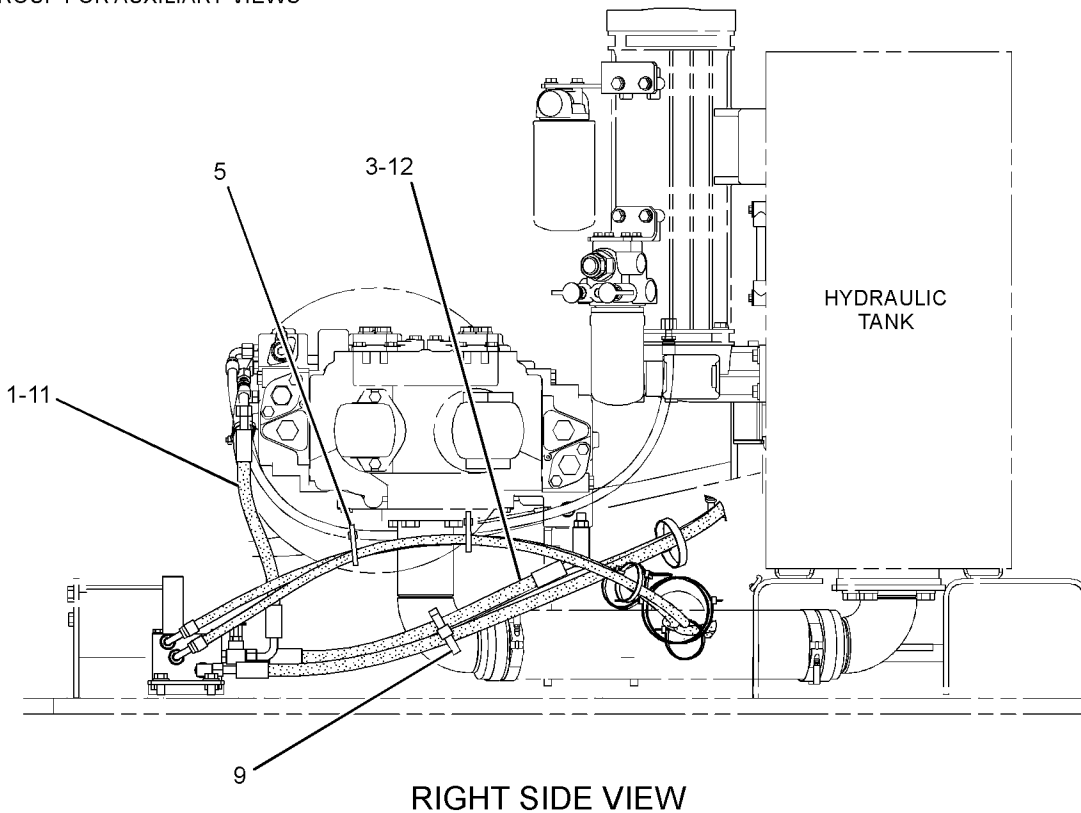
HYDRAULIC SYSTEM

260-7971 LINES GP-PILOT (contd.)

i02765677



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



GRAPHIC #2

<END>

g01338545

HYDRAULIC SYSTEM

260-7972 LINES GP-PILOT-AUXILIARY SYSTEM

S/N: A6F1-UP; A8F1-UP

PART OF 259-7494 CONTROL AR-AUXILIARY
AN ATTACHMENT

SMCS-5057, 5059

i02790539

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1, 2	4I-9523	4	MARKER (BLUE, L3)	
	2	2	4I-9524	2	MARKER (BROWN, L4)	
	3	2	4I-9525	2	MARKER (ORANGE, R1)	
	4	1, 2	4I-9527	8	MARKER (GREEN, R3)	
I	5	2	5I-4396	1	HOSE AS	
	6	1, 2	7K-1181	13	STRAP-CABLE	
I	7	1	7Y-4399	1	HOSE AS	
I	8	2	087-5766	1	HOSE AS	
I	9	2	108-7375	1	HOSE AS	
I	10	2	111-0988	1	HOSE AS	
	11	2	136-0207	2	STRAP-CABLE	
	12	2	148-8443	1	TEE AS	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	7X-2459	1	TEE-O-RING	
	13	2	7Y-7955	1	HOSE AS	
	14	1	266-1108	1	SUPPORT AS	
I	15	2	266-1133	1	HOSE AS	
I	16	2	266-1136	1	HOSE AS	
I	17	1	266-1139	1	HOSE AS	
I	18	1	266-1142	1	HOSE AS	
	19	2	124-1008	1	GUARD	
	20	1	148-8338	4	CONNECTOR AS (EACH INCLUDES)	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	8T-0075	1	CONNECTOR	
	21	1, 2	148-8378	7	ELBOW AS (EACH INCLUDES)	
		1, 2	3J-1907	1	SEAL-O-RING	
		1, 2	6V-8397	1	SEAL-O-RING	
		1, 2	6V-8724	1	ELBOW	
	22	1	148-8433	2	TEE AS (EACH INCLUDES)	
		1	6V-8397	2	SEAL-O-RING	
		1	6V-9836	1	TEE-SWIVEL	
	23	1, 2	150-3036	2	ELBOW AS	
		1, 2	3J-1907	1	SEAL-O-RING	
		1, 2	6V-8397	1	SEAL-O-RING	
		1, 2	8T-1905	1	ELBOW	
	24	1	150-4027	2	TEE AS (EACH INCLUDES)	
		1	3E-2310	1	TEE	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
	25	1	164-5567	2	FITTING AS (QUICK DISCONNECT, MALE) (EACH INCLUDES)	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-3965	1	FITTING-COUPLER	
Y	26	1	171-0188	1	VALVE GP-SOLENOID (NEG FLOW CONT, PROPN RED VALVE)	557
	27	1	6V-0852	2	CAP-DUST	
	28	1	6V-9829	1	CAP AS	
M	29	1	8T-4177	4	BOLT (M8X1.25X90-MM)	
M	30	1	8T-4192	4	BOLT (M12X1.75X25-MM)	

HYDRAULIC SYSTEM

260-7972 LINES GP-PILOT (contd.)

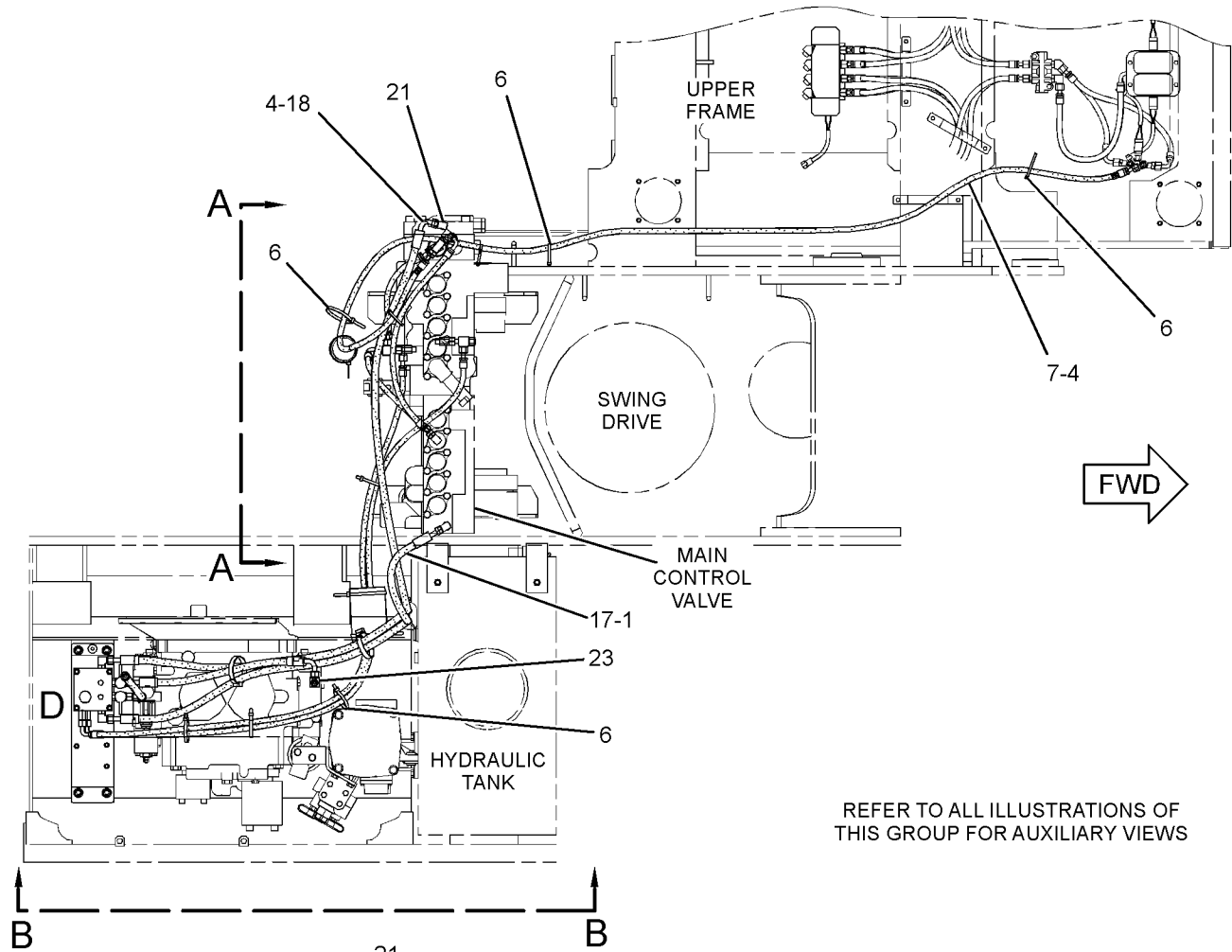
i02790539

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	31	1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)						
	32	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)						
I-REFER TO HYDRAULIC INFORMATION SYSTEM											
M-METRIC PART											
Y-SEPARATE ILLUSTRATION											

HYDRAULIC SYSTEM

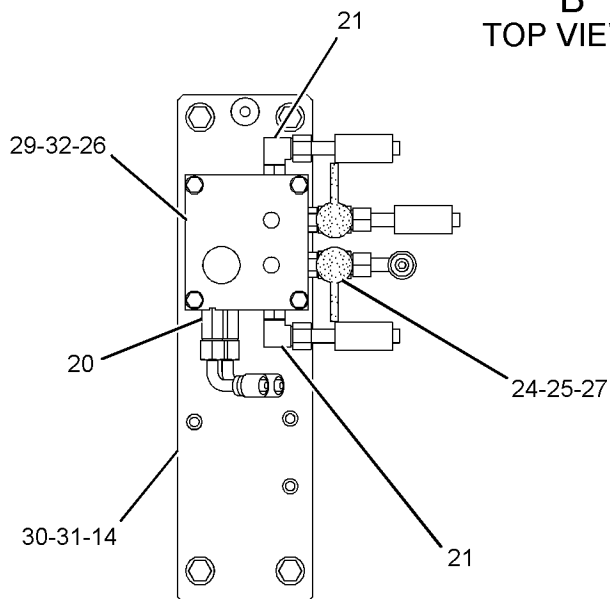
260-7972 LINES GP-PILOT (contd.)

i02790539

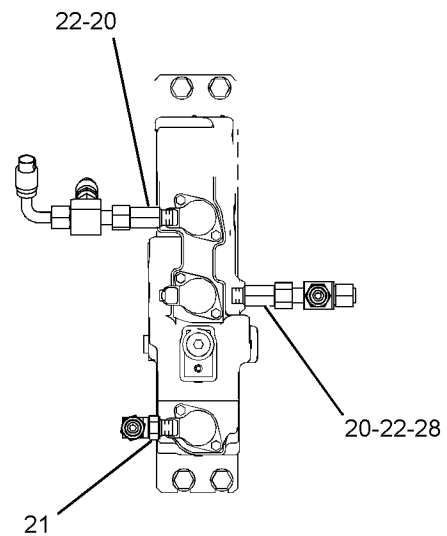


REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

TOP VIEW



VIEW OF AREA D



SECTION C-C

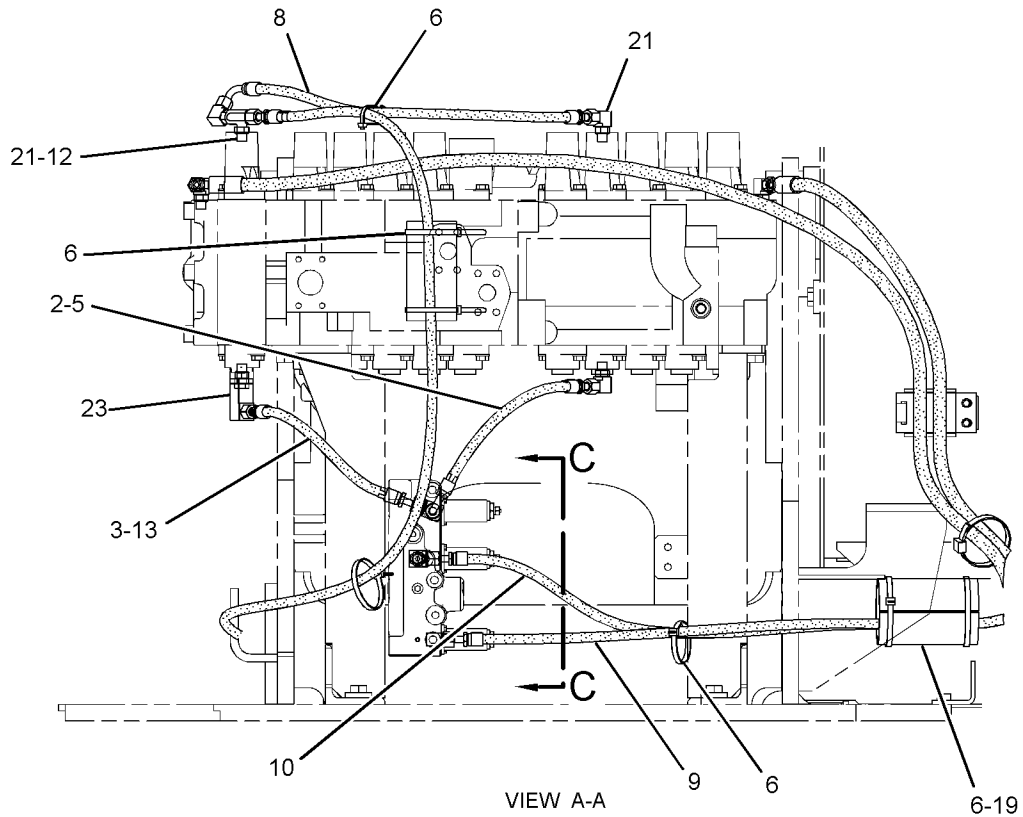
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g01276133

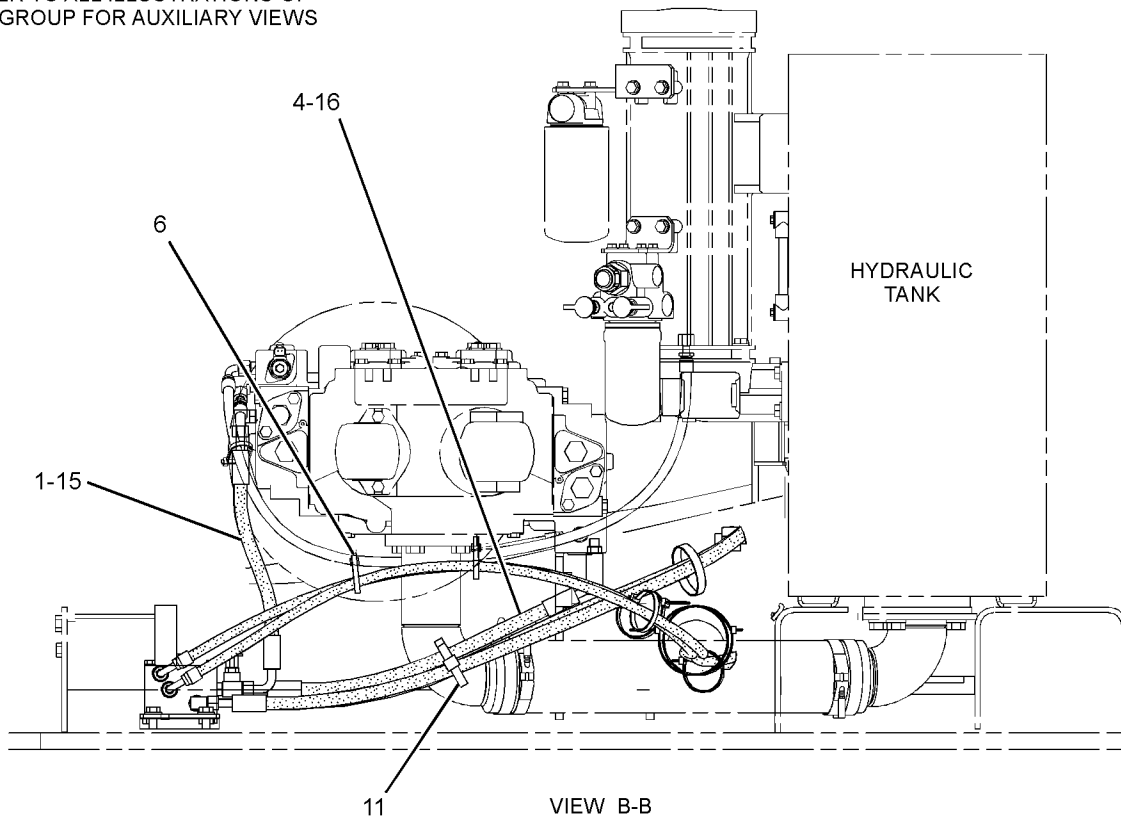
HYDRAULIC SYSTEM

260 - 7972 LINES GP - PILOT (contd.)

i02790539



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



GRAPHIC #2

<END>

g01276135

HYDRAULIC SYSTEM

260-7974 LINES GP-PILOT-SYSTEM 2, COMBINED FUNCTION

S/N: A8F1-UP

PART OF 259-7493 CONTROL AR-AUXILIARY
AN ATTACHMENT

SMCS-5057, 5059

i02790527

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE	
					1	2	3	4	5	6 (PRODUCT LEVEL)		
I	1	2	4I-1878	1	HOSE AS							
	2	1	4I-3941	1	FITTING AS							
I	3	2	4I-3988	1	HOSE AS							
	4	2	4I-9521	2	MARKER (RED, L1)							
	5	2	4I-9522	2	MARKER (YELLOW, L2)							
	6	1	4I-9523	8	MARKER (BLUE, L3)							
	7	2	4I-9524	2	MARKER (BROWN, L4)							
	8	2	4I-9525	2	MARKER (ORANGE, R1)							
	9	1	4I-9527	8	MARKER (GREEN, R3)							
	10	1,2	7K-1181	19	STRAP-CABLE							
	I	11	2	7Y-4199	1	HOSE AS						
	I	12	1	087-5764	1	HOSE AS						
I	13	1	087-5772	1	HOSE AS							
I	14	2	104-8976	1	HOSE AS							
	15	1	108-7373	1	HOSE AS							
I	16	1	111-0988	1	HOSE AS							
	17	1	118-9902	1	SPACER (12X20X43-MM THK)							
	18	1	136-0207	2	STRAP-CABLE							
	19	2	148-8443	1	TEE AS							
		2	3J-1907	1	SEAL-O-RING							
		2	6V-8397	1	SEAL-O-RING							
		2	7X-2459	1	TEE-O-RING							
I	20	2	179-7616	1	HOSE AS							
I	21	1	212-5419	1	HOSE AS							
I	22	1	212-5423	1	HOSE AS							
	23	1	266-1108	1	SUPPORT AS							
I	24	1	266-1133	1	HOSE AS							
I	25	1	266-1136	1	HOSE AS							
I	26	1	266-1139	1	HOSE AS							
I	27	1	266-1142	1	HOSE AS							
	28	2	286-6561	1	SUPPORT AS							
	29	2	124-1008	1	GUARD							
	30	1,2	148-8336	2	CONNECTOR AS							
					(EACH INCLUDES)							
		1,2	3J-1907	1	SEAL-O-RING							
		1,2	6V-8397	1	SEAL-O-RING							
		1,2	6V-8636	1	CONNECTOR							
	31	1,2	148-8338	3	CONNECTOR AS							
					(EACH INCLUDES)							
		1,2	3J-1907	1	SEAL-O-RING							
		1,2	6V-8397	1	SEAL-O-RING							
		1,2	8T-0075	1	CONNECTOR							
	32	2	148-8353	1	ELBOW AS							
		2	3J-1907	1	SEAL-O-RING							
		2	6V-8397	1	SEAL-O-RING							
		2	6V-9001	1	ELBOW							
	33	1,2	148-8378	16	ELBOW AS							
					(EACH INCLUDES)							
		1,2	3J-1907	1	SEAL-O-RING							
		1,2	6V-8397	1	SEAL-O-RING							
		1,2	6V-8724	1	ELBOW							
	34	2	148-8433	3	TEE AS							
					(EACH INCLUDES)							
		2	6V-8397	2	SEAL-O-RING							
		2	6V-9836	1	TEE-SWIVEL							

HYDRAULIC SYSTEM

260-7974 LINES GP-PILOT (contd.)

i02790527

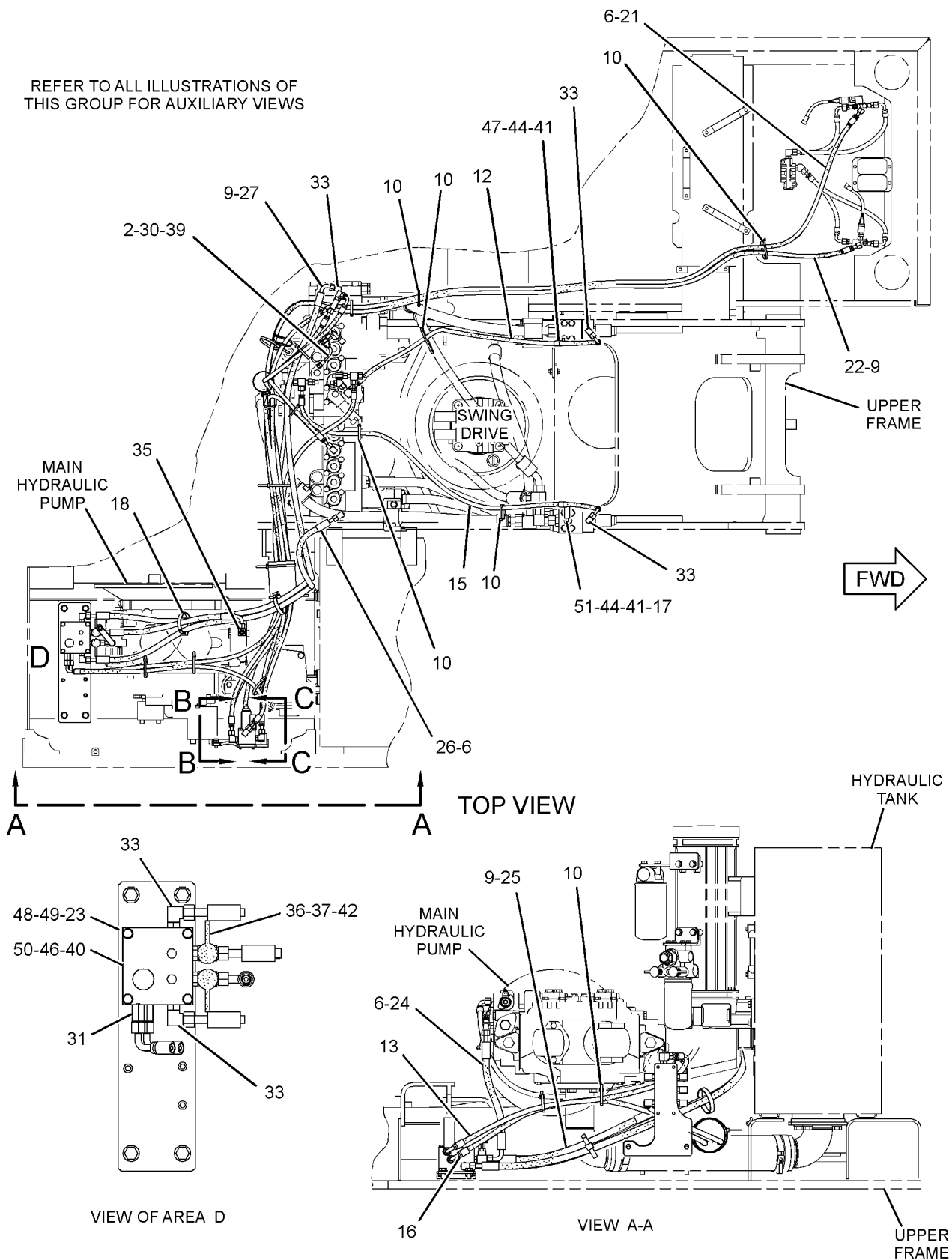
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	35	1	150-3036	1	ELBOW AS	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	8T-1905	1	ELBOW	
	36	1	150-4027	2	TEE AS	
					(EACH INCLUDES)	
		1	3E-2310	1	TEE	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
	37	1	164-5567	2	FITTING AS (QUICK DISCONNECT, MALE)	
					(EACH INCLUDES)	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-3965	1	FITTING-COUPLER	
Y	38	2	165-9549	1	VALVE GP-SOLENOID	556
	39	1	167-3466	1	SWITCH AS-PRESSURE (PILOT, BOOM UP)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	9X-3401	2	PIN-CONNECTOR (16-GA TO 18-GA)	
Y	40	1	171-0188	1	VALVE GP-SOLENOID (NEG FLOW CONT, PROPN RED VALVE)	557
	41	1	6D-3479	2	CLIP	
	42	1	6V-0852	2	CAP-DUST	
B	43	2	6V-9829	1	CAP AS	
	44	1, 2	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)	
M	45	2	8T-4136	2	BOLT (M10X1.5X25-MM)	
M	46	1	8T-4177	4	BOLT (M8X1.25X90-MM)	
M	47	1	8T-4191	1	BOLT (M10X1.5X16-MM)	
M	48	1	8T-4192	4	BOLT (M12X1.75X25-MM)	
	49	1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)	
	50	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)	
M	51	1	8T-6466	1	BOLT (M10X1.5X60-MM)	
M	52	2	8T-6870	4	BOLT (M8X1.25X70-MM)	

B-USE AS REQUIRED
I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART
Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

260-7974 LINES GP-PILOT (contd.)

i02790527



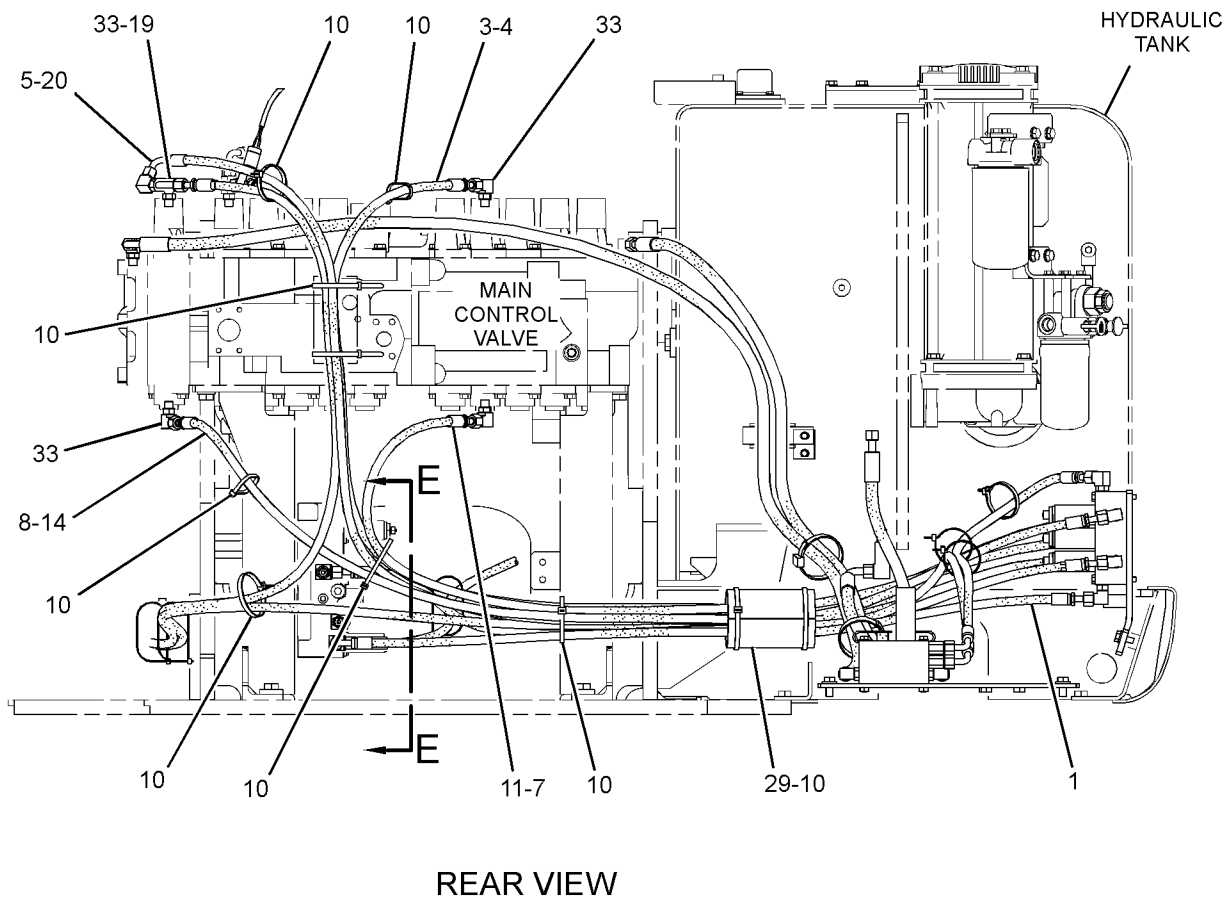
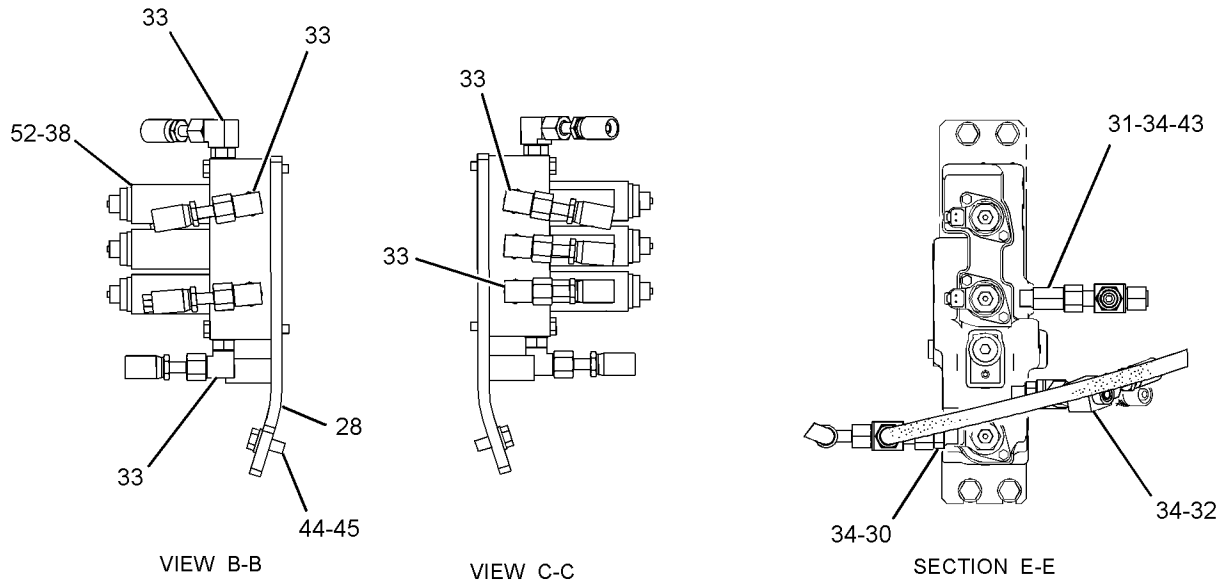
GRAPHIC #1

q01396319

HYDRAULIC SYSTEM

260 - 7974 LINES GP - PILOT (contd.)

i02790527



GRAPHIC #2

<END>

g01396320

HYDRAULIC SYSTEM

260 - 7984 LINES GP - PILOT

S/N: A6F1-UP; A8F1-UP

AN ATTACHMENT

SMCS-5057, 5059

i02789964

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4I-9526	2	MARKER (WHITE, R2)						
	2	1	4I-9527	2	MARKER (GREEN, R3)						
I	3	1	5I-4076	1	HOSE AS						
	4	1	7K-1181	4	STRAP - CABLE						
I	5	1	4I-5795	1	HOSE AS						
	6	1	124-1008	1	GUARD						
	7	1	168-9759	1	BLOCK						
	8	1	266-1108	1	SUPPORT AS						
	9	1	289-5578	1	SUPPORT AS						
	10	1	148-8336	3	CONNECTOR AS						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL - O-RING						
		1	6V-8397	1	SEAL - O-RING						
		1	6V-8636	1	CONNECTOR						
	11	1	148-8338	1	CONNECTOR AS						
		1	3J-1907	1	SEAL - O-RING						
		1	6V-8397	1	SEAL - O-RING						
		1	8T-0075	1	CONNECTOR						
B	12	1	148-8407	8	PLUG AS						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL - O-RING						
		1	9S-4191	1	PLUG - O-RING						
	13	1	148-8411	2	PLUG AS						
					(EACH INCLUDES)						
		1	3K-0360	1	SEAL - O-RING						
		1	9S-4185	1	PLUG - O-RING						
	14	1	148-8433	2	TEE AS						
					(EACH INCLUDES)						
		1	6V-8397	2	SEAL - O-RING						
		1	6V-9836	1	TEE - SWIVEL						
B	15	1	6V-9829	2	CAP AS						
	16	1	8T-4121	2	WASHER - HARD (11X21X2.5-MM THK)						
M	17	1	8T-4184	2	BOLT (M12X1.75X45-MM)						
M	18	1	8T-4192	4	BOLT (M12X1.75X25-MM)						
M	19	1	8T-4198	2	BOLT (M10X1.5X100-MM)						
	20	1	8T-4223	6	WASHER - HARD (13.5X25.5X3-MM THK)						

B - USE AS REQUIRED

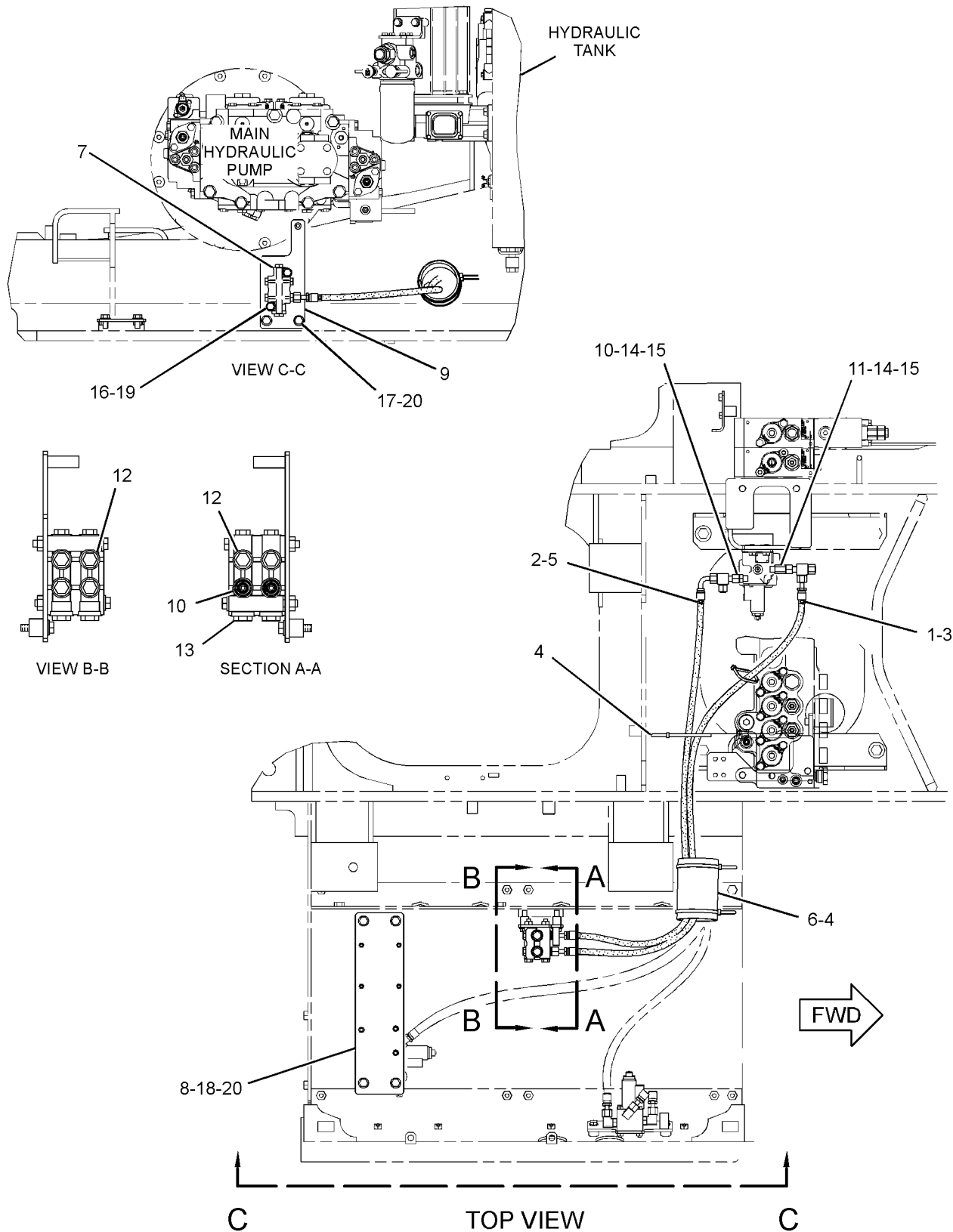
I - REFER TO HYDRAULIC INFORMATION SYSTEM

M - METRIC PART

HYDRAULIC SYSTEM

260 - 7984 LINES GP-PILOT (contd.)

i02789964



GRAPHIC #1

<END>

g01323065

HYDRAULIC SYSTEM

260 - 7986 LINES GP - PILOT

S/N: A6F1-UP; A8F1-UP

PART OF 259-7495 CONTROL AR-AUXILIARY
AN ATTACHMENT

SMCS-5057, 5059

i02786585

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	2	4I-1878	1	HOSE AS						
	2	3	4I-3941	1	FITTING AS						
I	3	2	4I-3988	1	HOSE AS						
	4	2	4I-9521	2	MARKER (RED, L1)						
	5	2	4I-9522	2	MARKER (YELLOW, L2)						
	6	2,3	4I-9523	8	MARKER (BLUE, L3)						
	7	2,3	4I-9524	6	MARKER (BROWN, L4)						
	8	2	4I-9525	2	MARKER (ORANGE, R1)						
	9	2,3	4I-9527	8	MARKER (GREEN, R3)						
	10	3	4I-9528	4	MARKER (PURPLE, R4)						
C	11	1,2,3	7K-1181	19	STRAP-CABLE						
I	12	2	7Y-4199	1	HOSE AS						
I	13	3	7Y-8309	1	HOSE AS						
I	14	1	087-5764	1	HOSE AS						
I	15	3	087-5772	1	HOSE AS						
I	16	2	104-8976	1	HOSE AS						
I	17	3	111-0988	1	HOSE AS						
C	18	1	118-9902	1	SPACER (12X20X43-MM THK)						
CI	19	1	108-7313	1	HOSE AS						
I	20	3	134-6921	1	HOSE AS						
	21	2	136-0207	2	STRAP-CABLE						
	22	2	148-8443	1	TEE AS						
		2	3J-1907	1	SEAL-O-RING						
		2	6V-8397	1	SEAL-O-RING						
		2	7X-2459	1	TEE-O-RING						
I	23	2	179-7616	1	HOSE AS						
I	24	1	199-1609	2	HOSE AS						
I	25	3	212-5423	1	HOSE AS						
	26	3	223-6768	1	HOSE AS						
	27	3	266-1108	1	SUPPORT AS						
I	28	3	266-1133	1	HOSE AS						
I	29	3	266-1136	1	HOSE AS						
I	30	2	266-1139	1	HOSE AS						
	31	3	286-6561	1	SUPPORT AS						
I	32	2	266-1179	1	HOSE AS						
	33	2	124-1008	1	GUARD						
	34	2,3	148-8336	2	CONNECTOR AS						
					(EACH INCLUDES)						
		2,3	3J-1907	1	SEAL-O-RING						
		2,3	6V-8397	1	SEAL-O-RING						
		2,3	6V-8636	1	CONNECTOR						
	35	2,3	148-8338	3	CONNECTOR AS						
					(EACH INCLUDES)						
		2,3	3J-1907	1	SEAL-O-RING						
		2,3	6V-8397	1	SEAL-O-RING						
		2,3	8T-0075	1	CONNECTOR						
	36	1	148-8342	1	CONNECTOR AS						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8632	1	CONNECTOR						
		1	7J-9108	1	SEAL-O-RING						
	37	2	148-8353	1	ELBOW AS						
		2	3J-1907	1	SEAL-O-RING						
		2	6V-8397	1	SEAL-O-RING						
		2	6V-9001	1	ELBOW						

HYDRAULIC SYSTEM

260-7986 LINES GP-PILOT (contd.)

i02786585

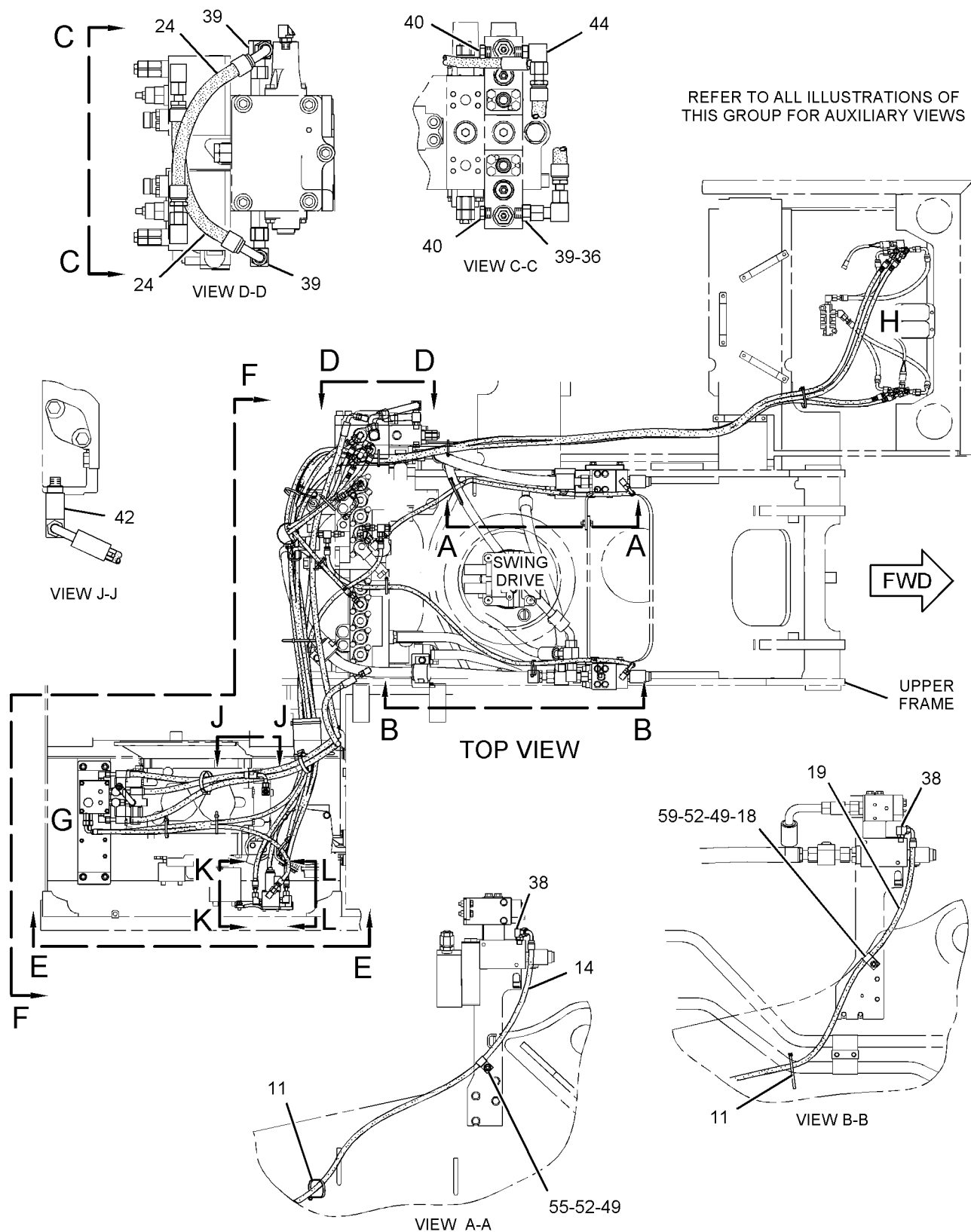
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	38	1, 2, 3	148-8378	18	ELBOW AS	
					(EACH INCLUDES)	
		1, 2, 3	3J-1907	1	SEAL-O-RING	
		1, 2, 3	6V-8397	1	SEAL-O-RING	
		1, 2, 3	6V-8724	1	ELBOW	
	39	1	148-8393	3	ELBOW AS	
					(EACH INCLUDES)	
		1	6V-9852	1	ELBOW	
		1	7J-9108	1	SEAL-O-RING	
	40	1	148-8411	2	PLUG AS	
					(EACH INCLUDES)	
		1	3K-0360	1	SEAL-O-RING	
		1	9S-4185	1	PLUG-O-RING	
	41	2	148-8433	3	TEE AS	
					(EACH INCLUDES)	
		2	6V-8397	2	SEAL-O-RING	
		2	6V-9836	1	TEE-SWIVEL	
	42	1	150-3036	1	ELBOW AS	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	8T-1905	1	ELBOW	
	43	3	150-4027	2	TEE AS	
					(EACH INCLUDES)	
		3	3E-2310	1	TEE	
		3	3J-1907	1	SEAL-O-RING	
		3	6V-8397	1	SEAL-O-RING	
	44	1	150-4048	1	ELBOW AS	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-8722	1	ELBOW	
		1	7J-9108	1	SEAL-O-RING	
	45	3	164-5567	2	FITTING AS (QUICK DISCONNECT, MALE)	
					(EACH INCLUDES)	
		3	3J-1907	1	SEAL-O-RING	
		3	6V-3965	1	FITTING-COUPLER	
Y	46	3	165-9549	1	VALVE GP-SOLENOID (1-PUMP/2-PUMP, 1-WAY/2-WAY FLW)	556
	47	3	167-3466	1	SWITCH AS-PRESSURE (PILOT, BOOM UP)	
		3	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		3	3E-3365	1	WEDGE-RECEPTACLE LOCK (2-PIN)	
		3	9X-3401	2	PIN-CONNECTOR (16-GA TO 18-GA)	
Y	48	3	171-0188	1	VALVE GP-SOLENOID (NEG FLOW CONT, PROPN RED VALVE)	557
	49	1	6D-3479	2	CLIP	
	50	3	6V-0852	2	CAP-DUST	
B	51	2	6V-9829	1	CAP AS	
	52	1, 3	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)	
M	53	3	8T-4136	2	BOLT (M10X1.5X25-MM)	
M	54	3	8T-4177	4	BOLT (M8X1.25X90-MM)	
M	55	1	8T-4191	1	BOLT (M10X1.5X16-MM)	
M	56	3	8T-4192	4	BOLT (M12X1.75X25-MM)	
	57	3	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)	
	58	3	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)	
CM	59	1	8T-6466	1	BOLT (M10X1.5X60-MM)	
M	60	3	8T-6870	4	BOLT (M8X1.25X70-MM)	

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

HYDRAULIC SYSTEM

260-7986 LINES GP-PILOT (contd.)

i02786585



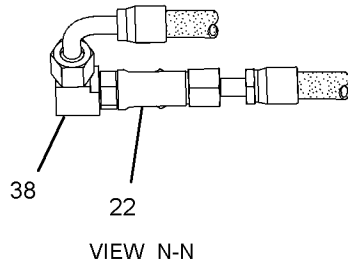
GRAPHIC #1

g01364062

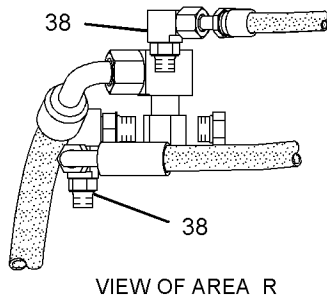
HYDRAULIC SYSTEM

260-7986 LINES GP-PILOT (contd.)

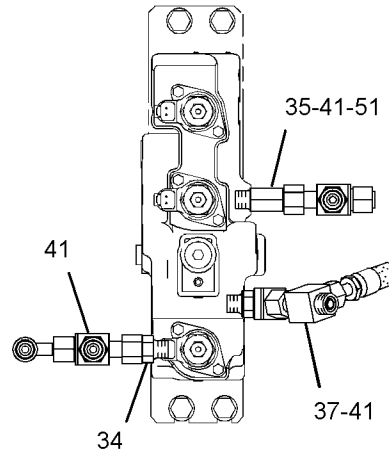
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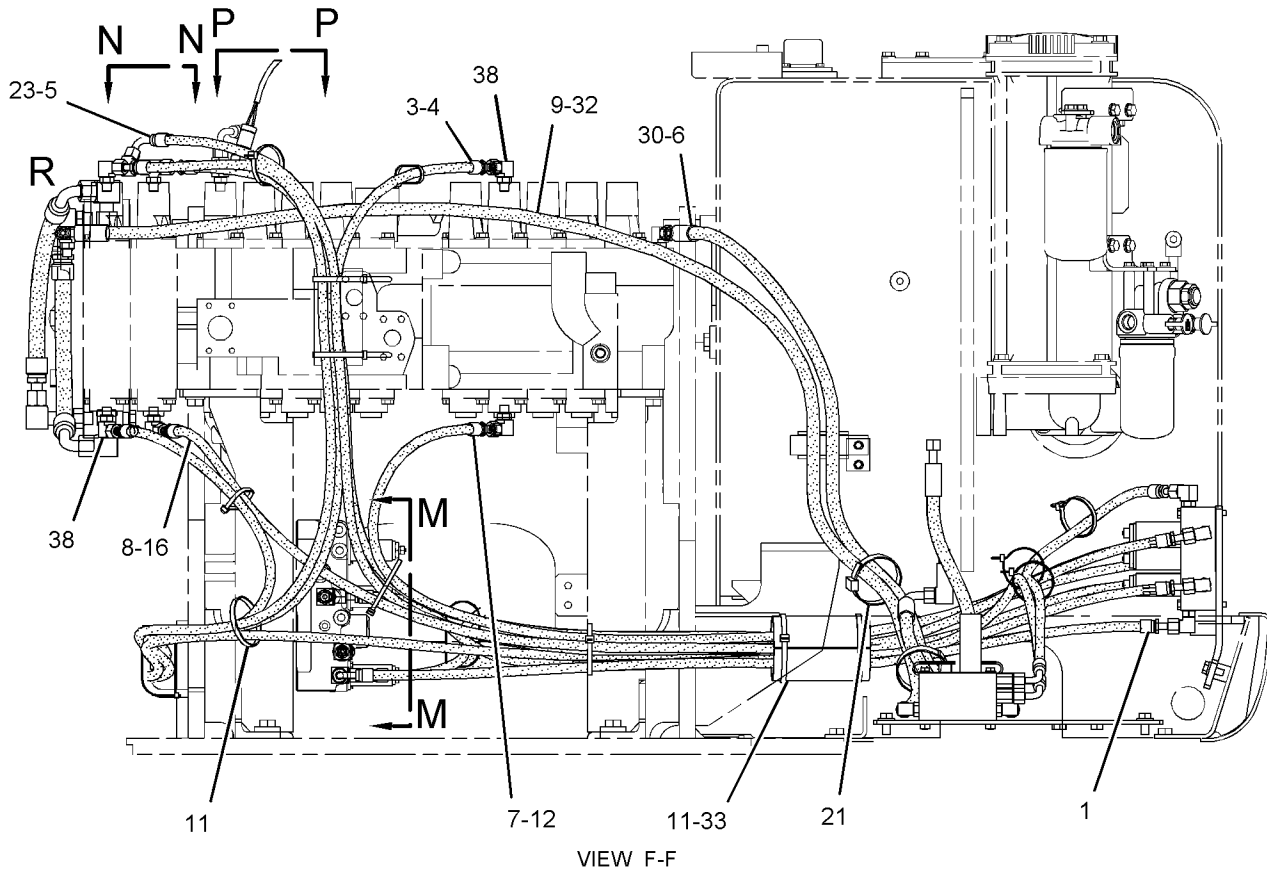
VIEW N-N



VIEW OF AREA R



SECTION M-M



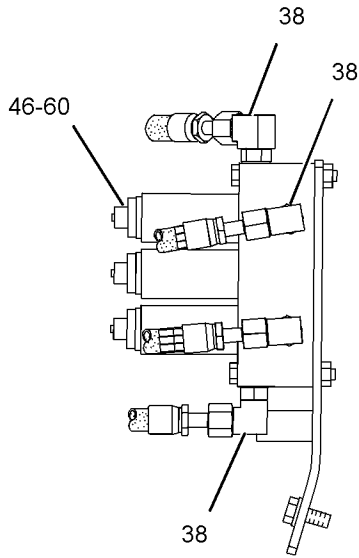
GRAPHIC #2

g01364064

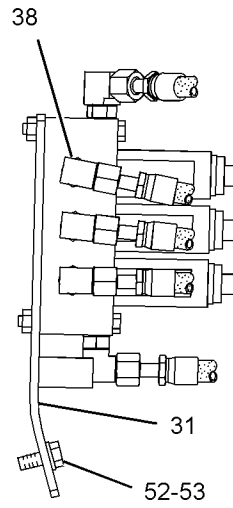
HYDRAULIC SYSTEM

260 - 7986 LINES GP - PILOT (contd.)

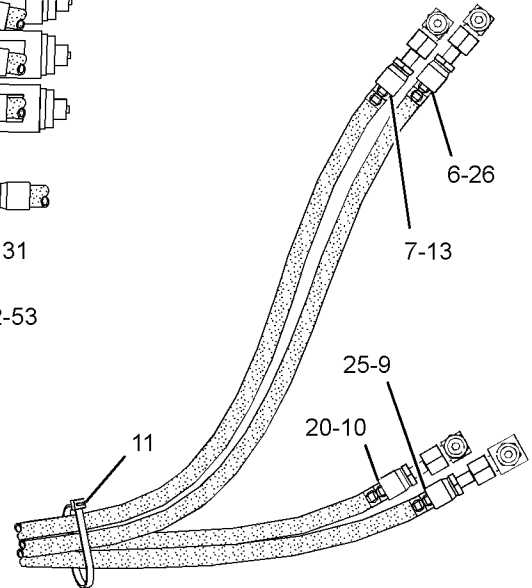
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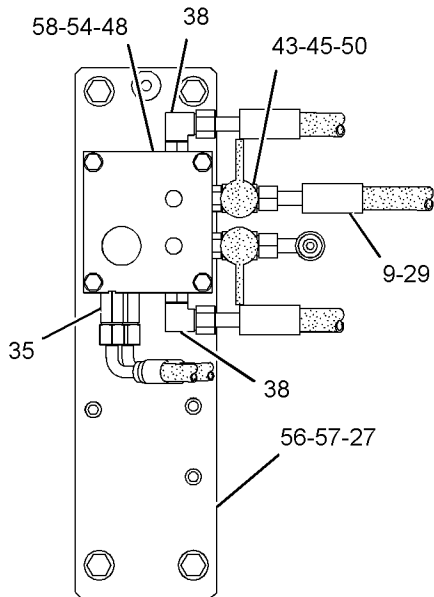
VIEW K-K



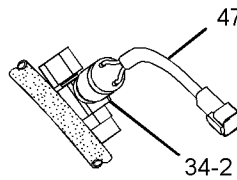
VIEW L-L



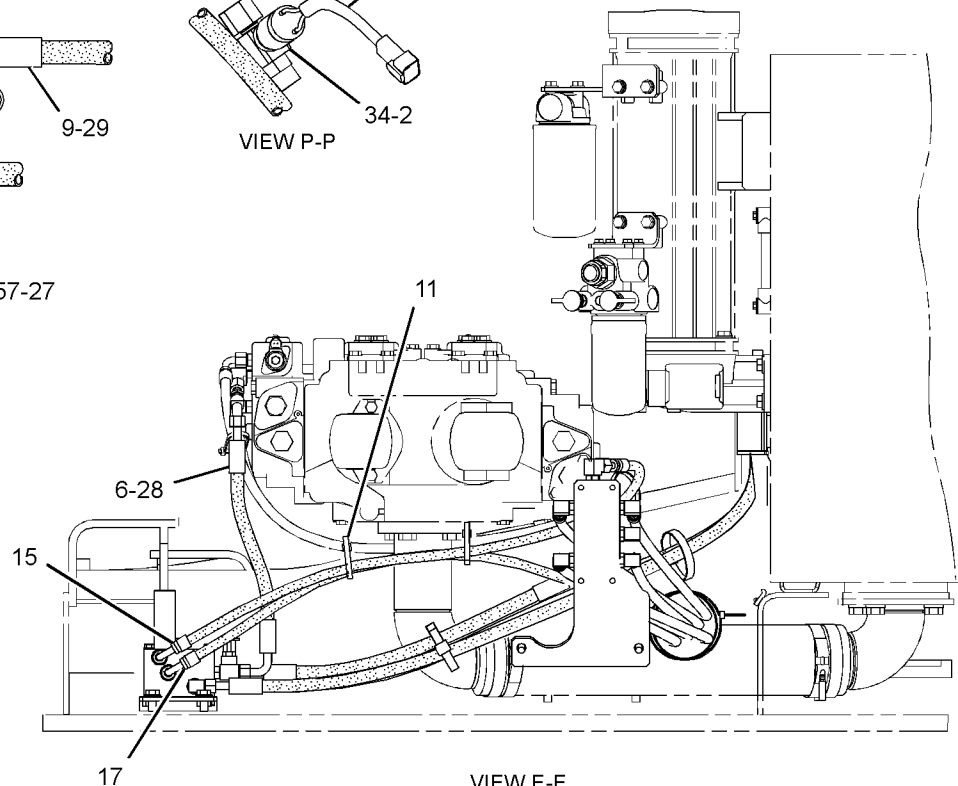
VIEW OF AREA H



VIEW OF AREA G



VIEW P-P



VIEW E-E

GRAPHIC #3

<END>

g01364399

HYDRAULIC SYSTEM

248-9847 LINES GP-PUMP-SUPPLY, MAIN PUMP

S/N: A6F1-UP; A8F1-UP

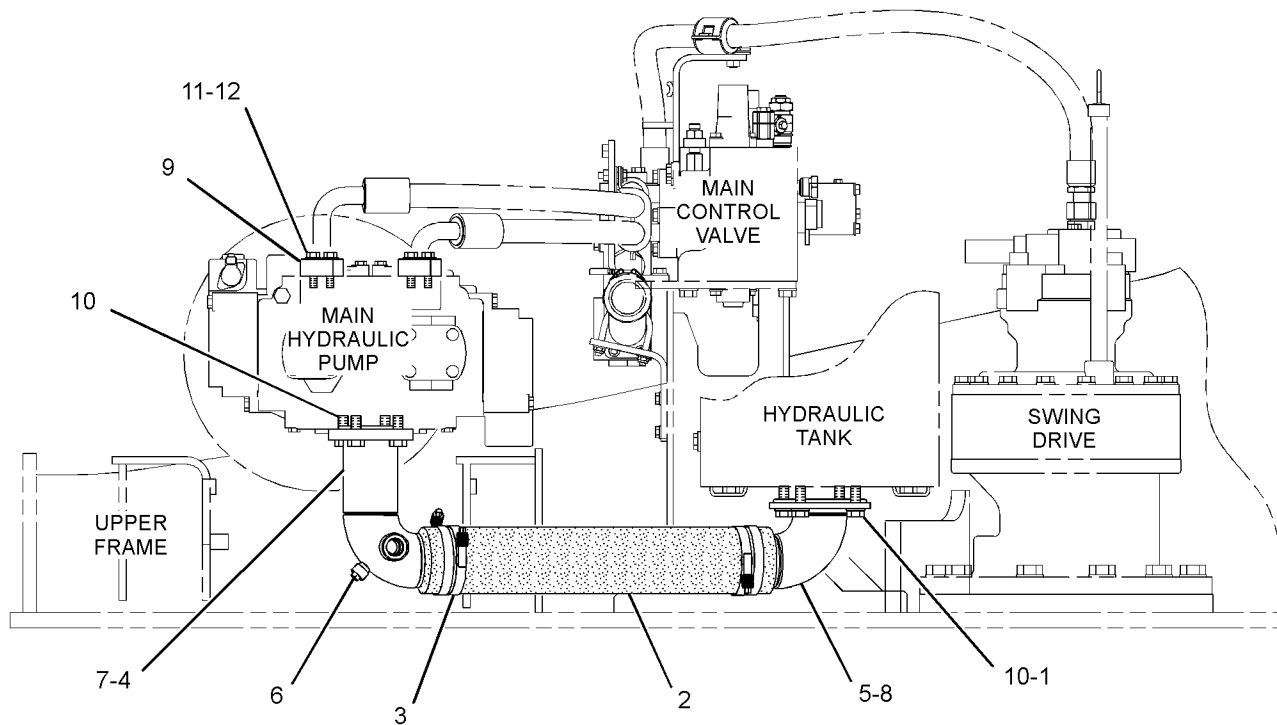
PART OF 285-1354, 285-1355 HYDRAULIC AR

SMCS-5057

i02778809

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-8257	4	WASHER (17.5X30X3.5-MM THK)						
	2	1	5P-1296	1	HOSE						
	3	1	9X-2201	4	CLAMP-HOSE						
	4	1	245-5285	1	TUBE AS						
	5	1	245-5287	1	TUBE AS						
	6	1	155-3624	1	PLUG AS						
		1	3J-7354	1	SEAL-O-RING						
		1	9S-4182	1	PLUG-O-RING						
	7	1	5H-8624	1	SEAL-O-RING						
	8	1	6D-9157	1	SEAL-O-RING						
	9	1	6V-0400	4	FLANGE-HALF						
M	10	1	7X-2553	8	BOLT (M16X2X40-MM)						
M	11	1	8T-4194	8	BOLT (M12X1.75X50-MM)						
	12	1	8T-4223	8	WASHER-HARD (13.5X25.5X3-MM THK)						

M-METRIC PART



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g01275930

HYDRAULIC SYSTEM

248-9853 LINES GP-RETURN-HYDRAULIC TANK

S/N: A6F1-UP; A8F1-UP

PART OF 239-1710 TANK & MTG GP-HYDRAULIC

SMCS-5057

i02795734

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4I-9527	2	MARKER (GREEN, R3)						
	2	1	7K-1181	2	STRAP-CABLE						
	3	1	124-1212	1	FITTING						
	4	1	165-3260	1	PIPE AS						
I	5	1	176-4770	1	HOSE AS						
	6	1	307-5097	1	TEE AS						
		1	2M-9780	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8398	1	SEAL-O-RING						
		1	307-5098	1	TEE-ORP TO ORFS						
I	7	1	275-1361	1	HOSE AS						
	8	1	292-7153	1	HOSE AS						
	9	1	148-8327	1	CONNECTOR AS						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-8637	1	CONNECTOR						
		1	6V-9746	1	SEAL-O-RING						
	10	1	164-5608	1	CONNECTOR AS						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8398	1	SEAL-O-RING						
		1	8T-1687	1	CONNECTOR						
	11	1	148-8347	1	ELBOW AS						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-9007	1	ELBOW						
		1	6V-9746	1	SEAL-O-RING						
	12	1	148-8354	3	ELBOW AS						
					(EACH INCLUDES)						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8398	1	SEAL-O-RING						
		1	6V-9002	1	ELBOW						
	13	1	148-8358	1	ELBOW AS						
		1	2M-9780	1	SEAL-O-RING						
		1	6V-8398	1	SEAL-O-RING						
		1	6V-8624	1	ELBOW						
	14	1	148-8363	1	ELBOW AS						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-9876	1	ELBOW						
	15	1	148-8411	1	PLUG AS						
		1	3K-0360	1	SEAL-O-RING						
		1	9S-4185	1	PLUG-O-RING						
	16	1	3D-2824	1	SEAL-O-RING						
	17	1	5P-7464	1	CLIP (SLOT)						
	18	1	5P-7465	1	CLIP (TAB)						
	19	1	6J-2680	1	SEAL-O-RING						
	20	1	6V-9746	1	SEAL-O-RING						
	21	1	8T-2920	1	GROMMET						
M	22	1	8T-4139	1	BOLT (M12X1.75X30-MM)						
	23	1	8T-4223	5	WASHER-HARD (13.5X25.5X3-MM THK)						
M	24	1	8T-4956	4	BOLT (M12X1.75X35-MM)						

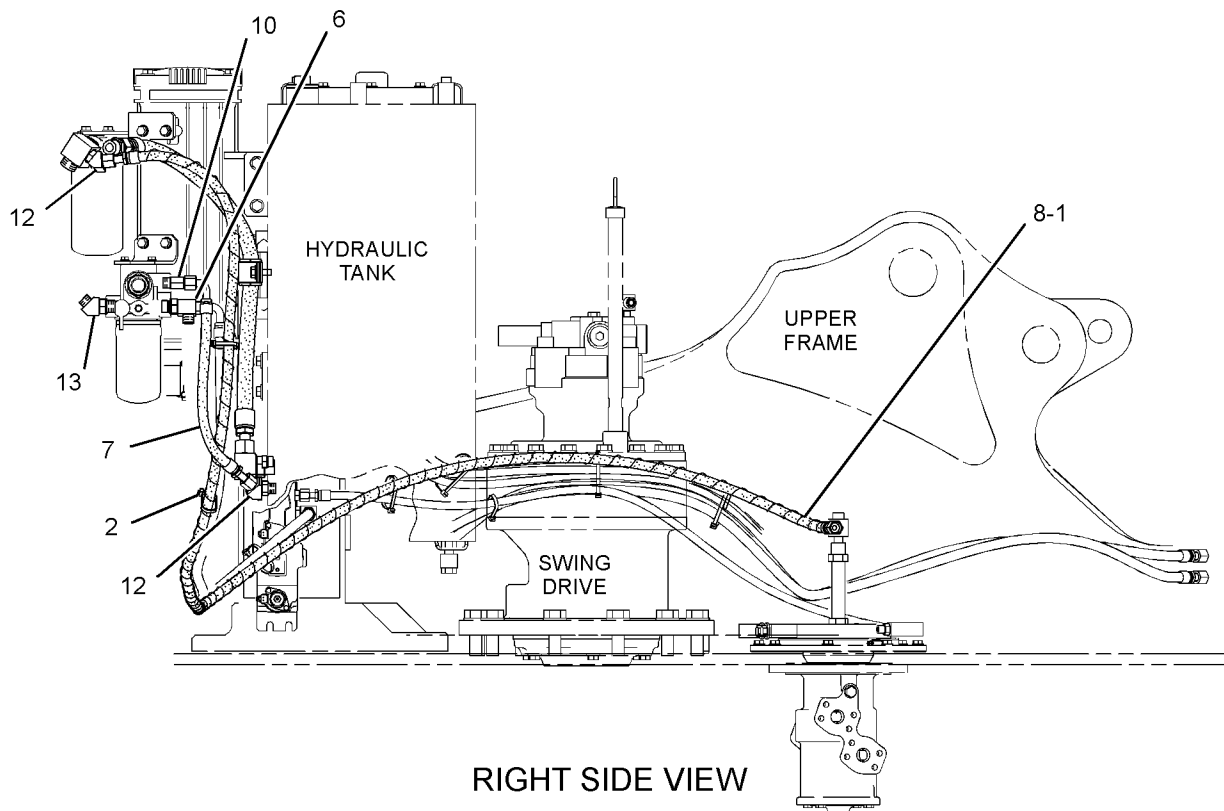
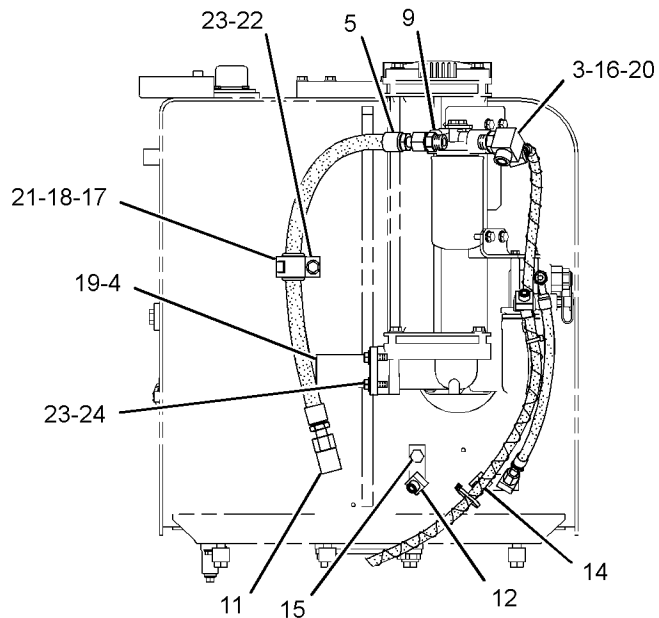
I-REFER TO HYDRAULIC INFORMATION SYSTEM

M-METRIC PART

HYDRAULIC SYSTEM

248-9853 LINES GP-RETURN (contd.)

i02795734



GRAPHIC #1

<END>

g01397456

HYDRAULIC SYSTEM

187-5976 LINES GP-STICK

S/N: A6F1-UP; A8F1-UP
PART OF 240-3845 STICK AR
AN ATTACHMENT

SMCS-5057, 5458

i01388994

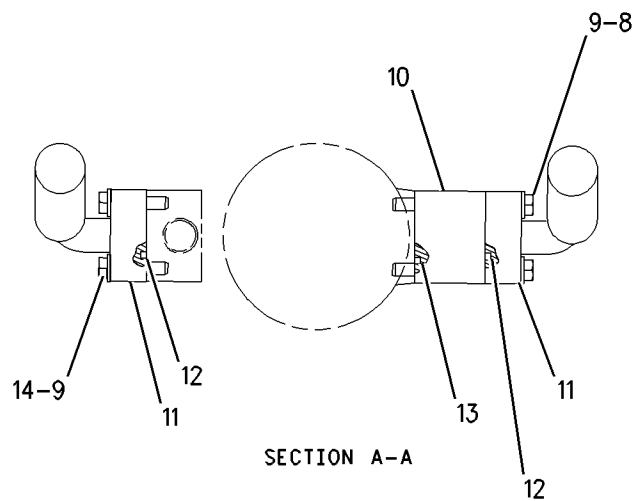
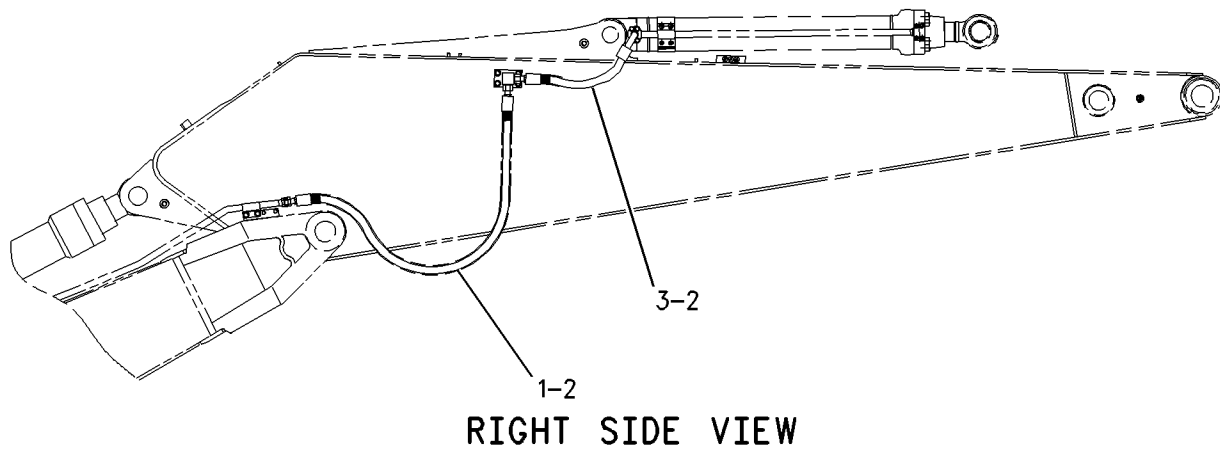
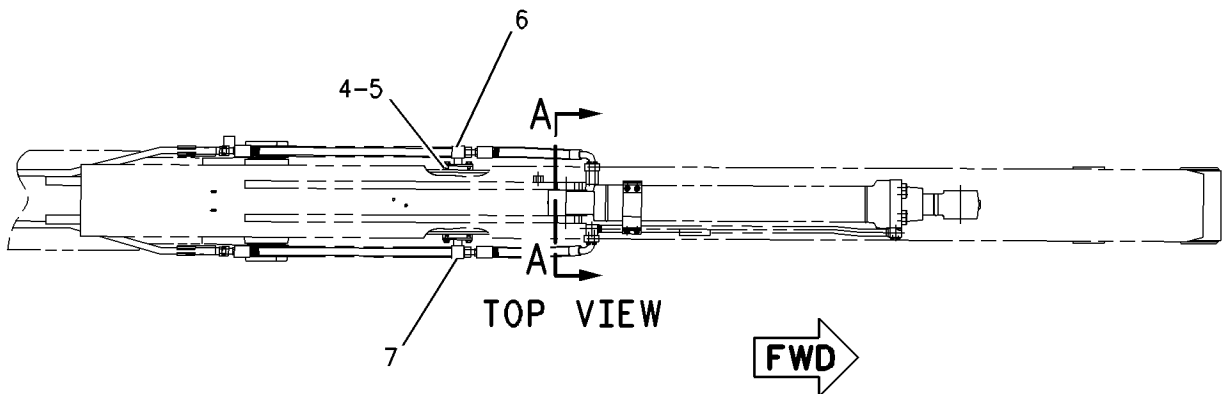
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	102-1279	2	HOSE AS						
	2	1	6V-9746	4	SEAL - O - RING						
I	3	1	187-6696	2	HOSE AS						
	4	1	8T-4223	8	WASHER - HARD (13.5X25.5X3-MM THK)						
M	5	1	8T-4179	8	BOLT (M12X1.75X20-MM)						
	6	1	102-1291	1	ELBOW AS						
	7	1	102-1120	1	ELBOW AS						
M	8	1	8T-4198	4	BOLT (M10X1.5X100-MM)						
	9	1	8T-4121	8	WASHER - HARD (11X21X2.5-MM THK)						
	10	1	5I-4174	1	BLOCK						
	11	1	1P-5765	4	FLANGE - HALF						
	12	1	1P-3702	2	SEAL - RECTANGULAR						
	13	1	1P-3703	1	SEAL - RECTANGULAR						
M	14	1	8T-4182	4	BOLT (M10X1.5X45-MM)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART

HYDRAULIC SYSTEM

187-5976 LINES GP-STICK (contd.)

i01388994



GRAPHIC #1

<END>

g00708361

HYDRAULIC SYSTEM

248 - 9633 LINES GP - STICK

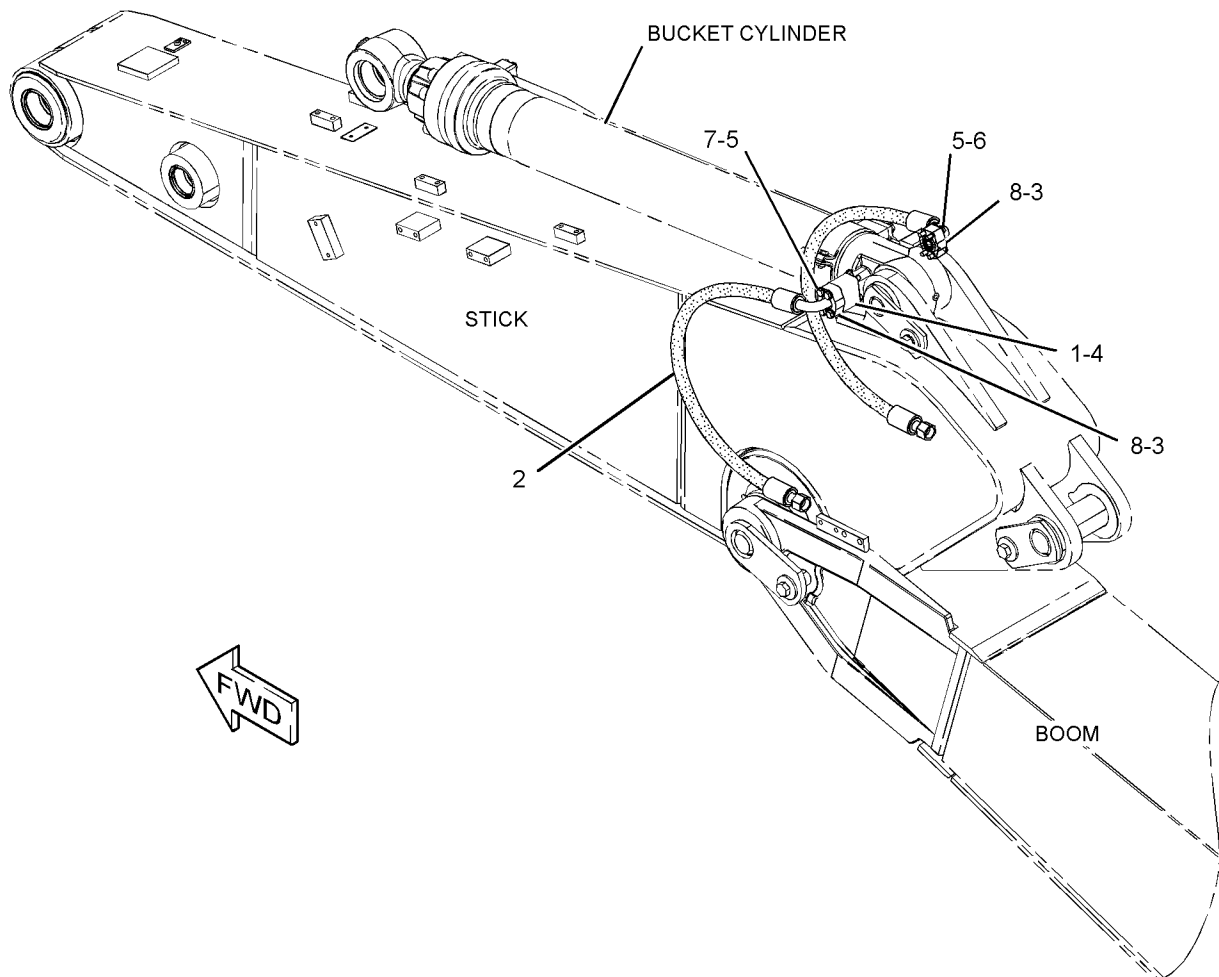
S/N: A6F1-UP; A8F1-UP
PART OF 240-3846 STICK AR-HOE
AN ATTACHMENT

SMCS-5057, 5458

i02793550

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5I-4174	1	BLOCK						
I	2	1	187-6058	2	HOSE AS						
	3	1	1P-3702	2	SEAL-RECTANGULAR						
	4	1	1P-3703	1	SEAL-RECTANGULAR						
	5	1	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)						
M	6	1	8T-4182	4	BOLT (M10X1.5X45-MM)						
M	7	1	8T-4198	4	BOLT (M10X1.5X100-MM)						
	8	1	8T-9403	4	FLANGE-HALF						

I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART



GRAPHIC #1

<END>

g01227745

HYDRAULIC SYSTEM

242-6735 LINES GP-STICK CYLINDER

S/N: A6F1-UP; A8F1-UP

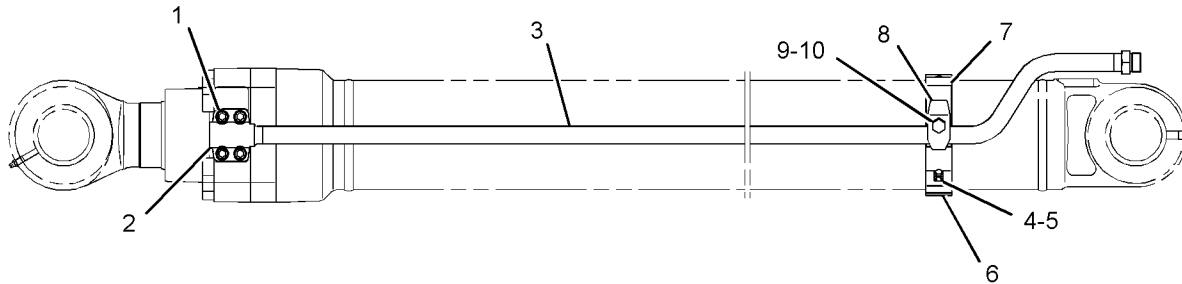
PART OF 242-6733, 242-6743, 242-6750 CYLINDER & LINES GP-STICK
AN ATTACHMENT

SMCS-5458

i02793759

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
M	1	1	6V-8200	4	BOLT-SOCKET HEAD (M12X1.75X35-MM)	
	2	1	095-1600	1	SEAL-O-RING	
	3	1	247-8883	1	TUBE AS	
M	4	1	8T-4196	2	BOLT (M10X1.5X35-MM)	
	5	1	8T-4896	2	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	6	1	124-1020	1	SUPPORT	
M	7	1	124-1019	1	SUPPORT AS	
	8	1	096-4480	1	CLAMP	
	9	1	8T-4910	1	BOLT (M12X1.75X60-MM)	
	10	1	8T-4223	1	WASHER-HARD (13.5X25.5X3-MM THK)	

M-METRIC PART



GRAPHIC #1

<END>

g01220097

HYDRAULIC SYSTEM

239 - 1716 LINES GP - TRAVEL MOTOR

S/N: A6F1-UP

PART OF 285-1354 HYDRAULIC AR

SMCS-5057, 5058

i02781631

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7K-1181	4	STRAP - CABLE						
	2	1	108-7118	4	GROMMET						
I	3	1	111-6752	2	HOSE AS						
Y	4	1	234-4440	1	SWIVEL GP						480
I	5	1	245-5427	4	HOSE AS						
	6	1	248-9428	2	HOSE AS						
	7	1	148-8364	2	ELBOW AS						
					(EACH INCLUDES)						
		1	3K-0360	1	SEAL - O-RING						
		1	6V-8398	1	SEAL - O-RING						
		1	6V-8625	1	ELBOW						
8	1	1	148-8372	1	ELBOW AS						
		1	2M-9780	1	SEAL - O-RING						
		1	6V-8398	1	SEAL - O-RING						
		1	6V-8721	1	ELBOW						
9	1	1	148-8378	2	ELBOW AS						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL - O-RING						
		1	6V-8397	1	SEAL - O-RING						
		1	6V-8724	1	ELBOW						
10	1	1	150-4037	1	TEE AS						
		1	6V-8398	2	SEAL - O-RING						
		1	6V-9844	1	TEE - SWIVEL						
11	1	1	150-4044	2	CONNECTOR AS						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL - O-RING						
		1	6V-8397	1	SEAL - O-RING						
		1	8T-1779	1	CONNECTOR						
12	1	1	1P-3703	8	SEAL - RECTANGULAR						
13	1	1	6V-0400	24	FLANGE - HALF						
14	1	1	8T-4121	6	WASHER - HARD (11X21X2.5-MM THK)						
M	15	1	8T-4136	6	BOLT (M10X1.5X25-MM)						
M	16	1	8T-4184	48	BOLT (M12X1.75X45-MM)						
	17	1	8T-4223	48	WASHER - HARD (13.5X25.5X3-MM THK)						
B	18	1	1U-8846	2	SEALANT - GASKET						

B - USE AS REQUIRED

I - REFER TO HYDRAULIC INFORMATION SYSTEM

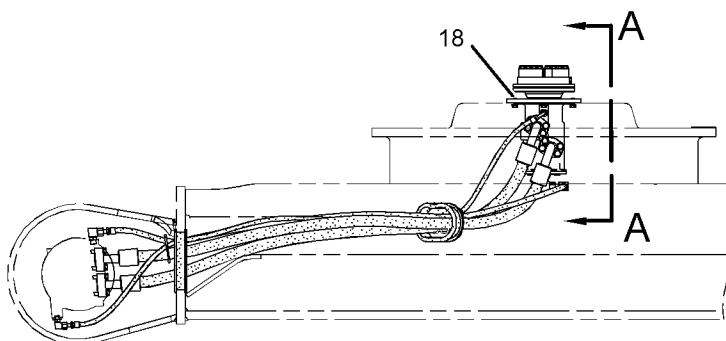
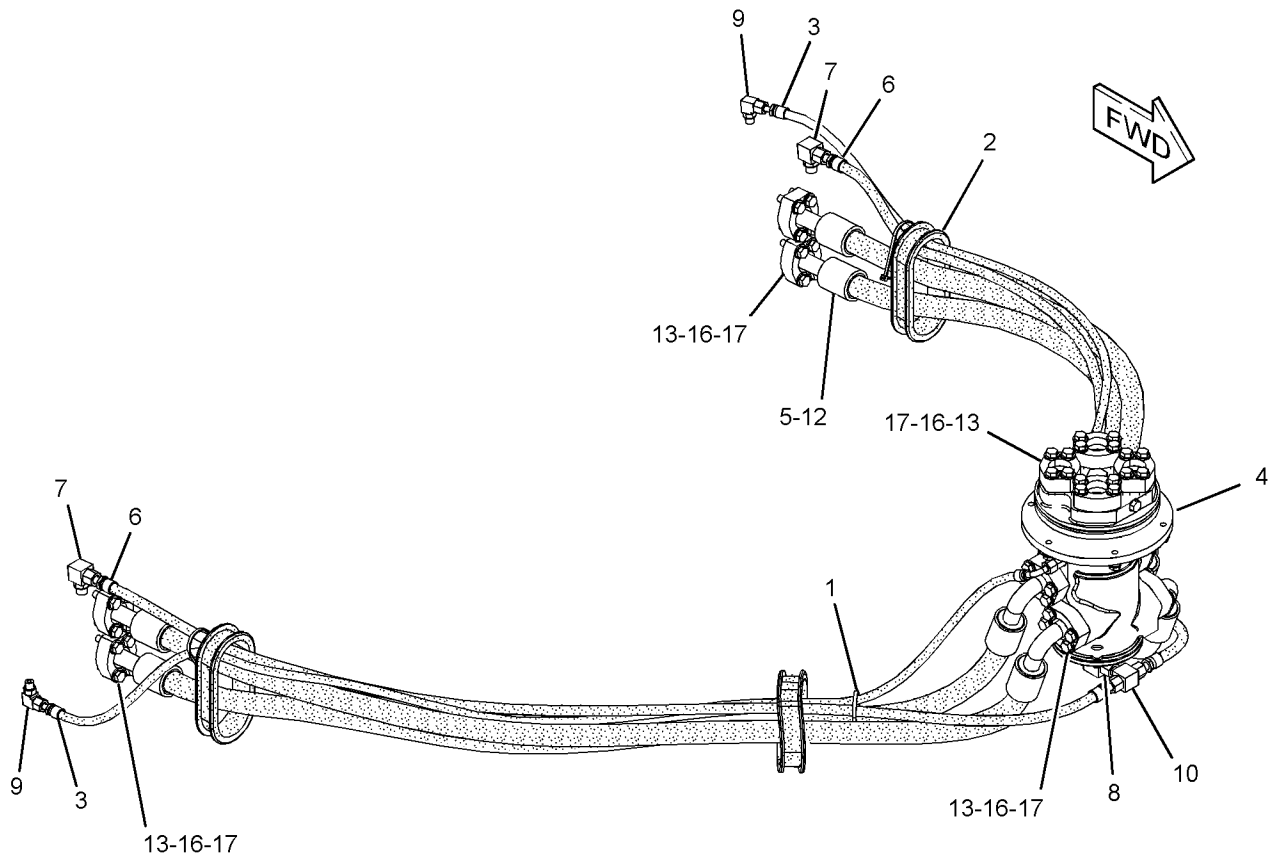
M - METRIC PART

Y - SEPARATE ILLUSTRATION

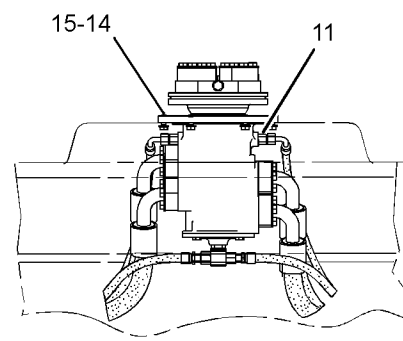
HYDRAULIC SYSTEM

239-1716 LINES GP-TRAVEL MOTOR (contd.)

i02781631



RIGHT SIDE VIEW



VIEW A-A

GRAPHIC #1

<END>

g01229296

HYDRAULIC SYSTEM

239-1717 LINES GP-TRAVEL MOTOR-LONG UNDERCARRIAGE

S/N: A8F1-UP

PART OF 285-1355 HYDRAULIC AR

SMCS-5057, 5058

i02778553

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1, 2	7K-1181	4	STRAP-CABLE	
I	2	2	7Y-4390	2	HOSE AS	
	3	1	108-7118	4	GROMMET	
	4	2	173-5089	2	HOSE AS	
Y	5	2	234-4440	1	SWIVEL GP	480
I	6	1	245-5416	4	HOSE AS	
	7	2	148-8364	2	ELBOW AS	
					(EACH INCLUDES)	
		2	3K-0360	1	SEAL-O-RING	
		2	6V-8398	1	SEAL-O-RING	
		2	6V-8625	1	ELBOW	
8	2	2	148-8372	1	ELBOW AS	
		2	2M-9780	1	SEAL-O-RING	
		2	6V-8398	1	SEAL-O-RING	
		2	6V-8721	1	ELBOW	
9	2	2	148-8378	2	ELBOW AS	
					(EACH INCLUDES)	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	6V-8724	1	ELBOW	
10	2	2	150-4037	1	TEE AS	
		2	6V-8398	2	SEAL-O-RING	
		2	6V-9844	1	TEE-SWIVEL	
11	2	2	150-4044	2	CONNECTOR AS	
					(EACH INCLUDES)	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	8T-1779	1	CONNECTOR	
12	1	1	1P-3703	8	SEAL-RECTANGULAR	
13	2	2	6V-0400	24	FLANGE-HALF	
14	2	2	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)	
M	15	2	8T-4136	6	BOLT (M10X1.5X25-MM)	
M	16	2	8T-4184	48	BOLT (M12X1.75X45-MM)	
	17	2	8T-4223	48	WASHER-HARD (13.5X25.5X3-MM THK)	
	18	2	1U-8846	1	SEALANT-GASKET	

I-REFER TO HYDRAULIC INFORMATION SYSTEM

M-METRIC PART

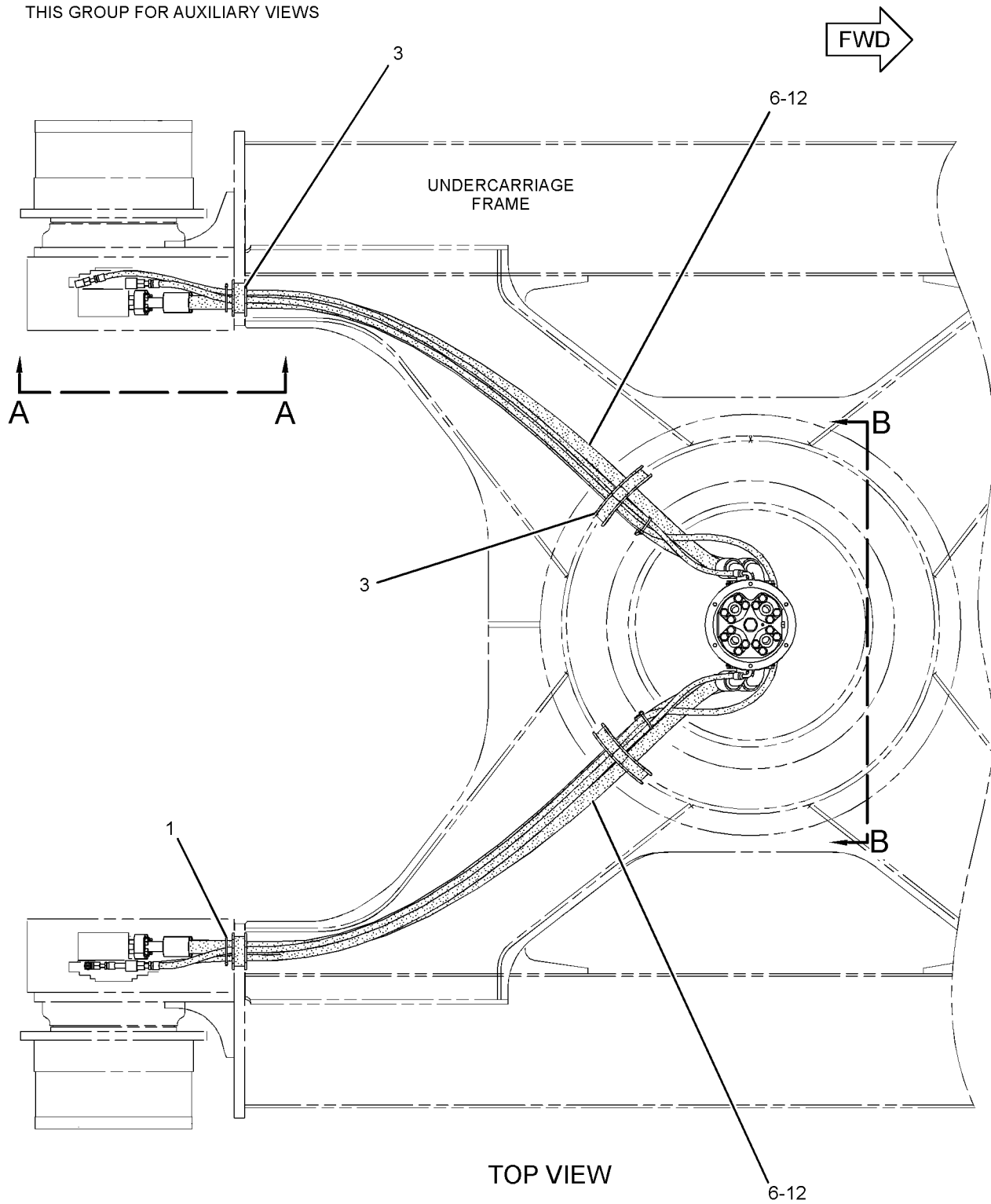
Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

239 - 1717 LINES GP - TRAVEL MOTOR (contd.)

i02778553

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



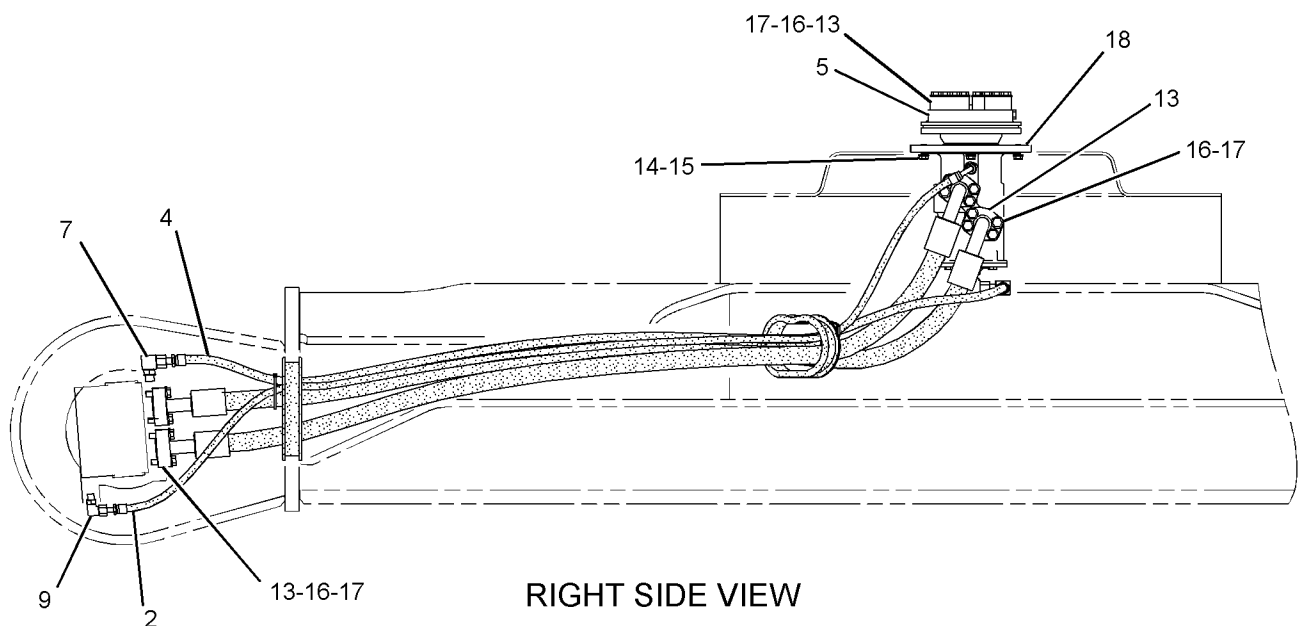
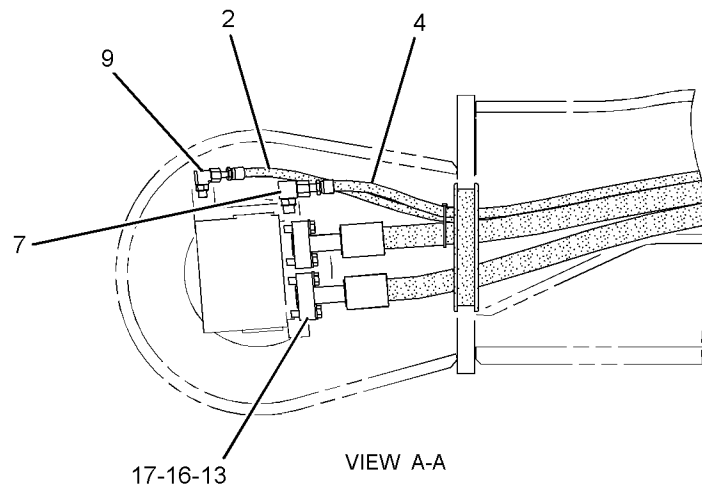
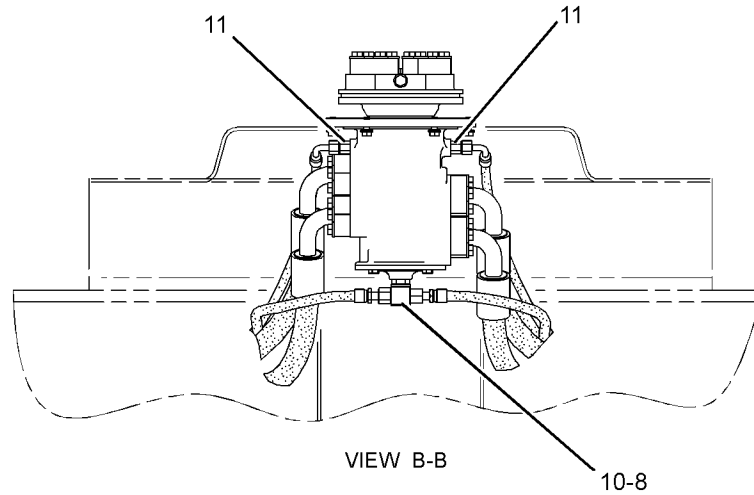
GRAPHIC #1

g01217452

HYDRAULIC SYSTEM

239 - 1717 LINES GP - TRAVEL MOTOR (contd.)

i02778553



GRAPHIC #2

<END>

g01226372

HYDRAULIC SYSTEM

215-5037 MANIFOLD GP-CONTROL-PILOT OIL

S/N: A6F1-UP; A8F1-UP

PART OF 248-9851 LINES GP-PILOT

SMCS-5264

i02571595

NOTE	PART NUMBER	QTY	PART NAME	SEE PAGE
			1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	239-8998	1	MANIFOLD GP-CONTROL (PILOT OIL SUPPLY) (STEEL BODY)	458
			-OR-	
Y	239-8697	1	MANIFOLD GP-CONTROL (PILOT OIL SUPPLY) (ALUMINUM BODY)	457
Y-SEPARATE ILLUSTRATION				
<END>				

HYDRAULIC SYSTEM

239-8697 MANIFOLD GP-CONTROL-PILOT OIL SUPPLY

S/N: A6F1-UP; A8F1-UP

PART OF 215-5037 MANIFOLD GP-CONTROL

SMCS-5264

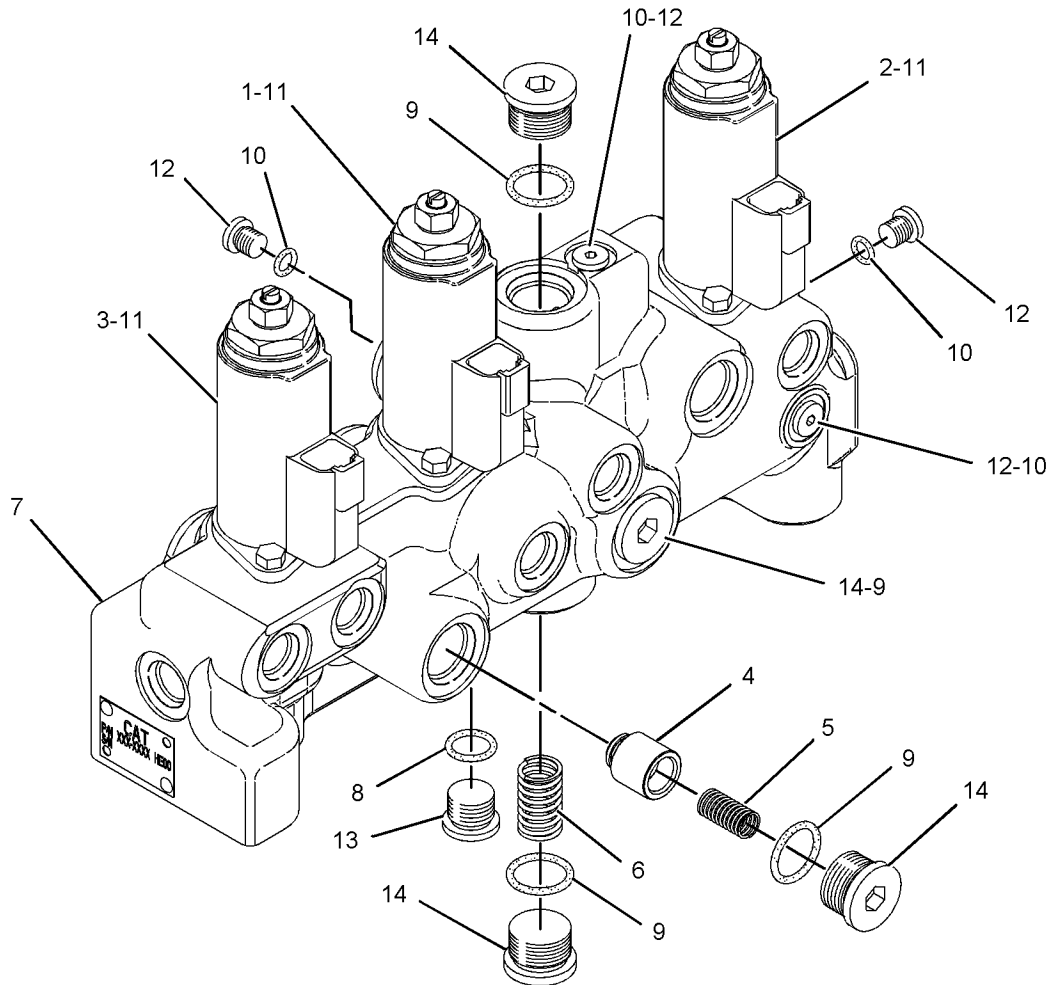
i02571596

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	121-1491	1	VALVE GP-SOLENOID (SWING BRAKE RELEASE)	554
Y	2	1	121-1491	1	VALVE GP-SOLENOID (HYDRAULIC LOCKOUT)	554
Y	3	1	121-1491	1	VALVE GP-SOLENOID (TRAVEL SPEED)	554
	4	1	197-0196	1	VALVE-CHECK	
	5	1	197-0199	1	SPRING	
	6	1	197-0273	1	SPRING	
Z	7	1		1	MANIFOLD GP-CONTROL	
	8	1	3J-1907	1	SEAL-O-RING	
	9	1	3K-0360	4	SEAL-O-RING	
	10	1	4J-7533	6	SEAL-O-RING	
M	11	1	7I-2272	6	BOLT (M5X0.8X12-MM)	
	12	1	9S-8001	6	PLUG	
	13	1	9S-8004	1	PLUG-O-RING	
	14	1	9S-8005	4	PLUG-O-RING	

M-METRIC PART

Y-SEPARATE ILLUSTRATION

Z-NOT SERVICED SEPARATELY



GRAPHIC #1

<END>

g01084474

HYDRAULIC SYSTEM

239 - 8998 MANIFOLD GP - CONTROL-PILOT OIL SUPPLY

S/N: A6F1-UP; A8F1-UP

PART OF 215-5037 MANIFOLD GP - CONTROL

SMCS-5264

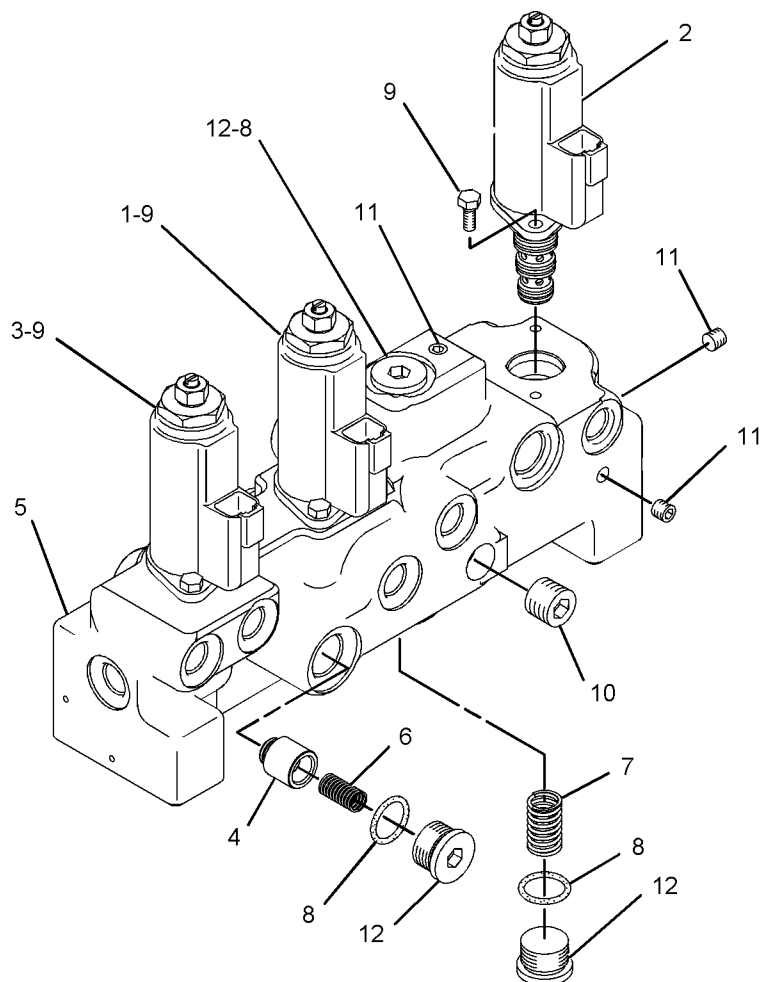
i02571597

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	121-1491	1	VALVE GP-SOLENOID (SWING BRAKE RELEASE)	554
Y	2	1	121-1491	1	VALVE GP-SOLENOID (HYDRAULIC LOCKOUT)	554
Y	3	1	121-1491	1	VALVE GP-SOLENOID (TRAVEL SPEED)	554
	4	1	197-0196	1	VALVE-CHECK	
Z	5	1		1	MANIFOLD GP-CONTROL	
	6	1	197-0199	1	SPRING	
	7	1	197-0273	1	SPRING	
	8	1	3K-0360	3	SEAL-O-RING	
M	9	1	7I-2272	6	BOLT (M5X0.8X12-MM)	
	10	1	7M-7410	2	PLUG-PIPE	
	11	1	8T-6759	6	PLUG-PIPE	
	12	1	9S-8005	3	PLUG-O-RING	

M-METRIC PART

Y-SEPARATE ILLUSTRATION

Z-NOT SERVICED SEPARATELY



GRAPHIC #1

<END>

g01083316

HYDRAULIC SYSTEM

158 - 8985 MOTOR & MTG GP - SWING

S/N: A6F1-UP; A8F1-UP

PART OF 148-4679 DRIVE GP-SWING

SMCS-5058

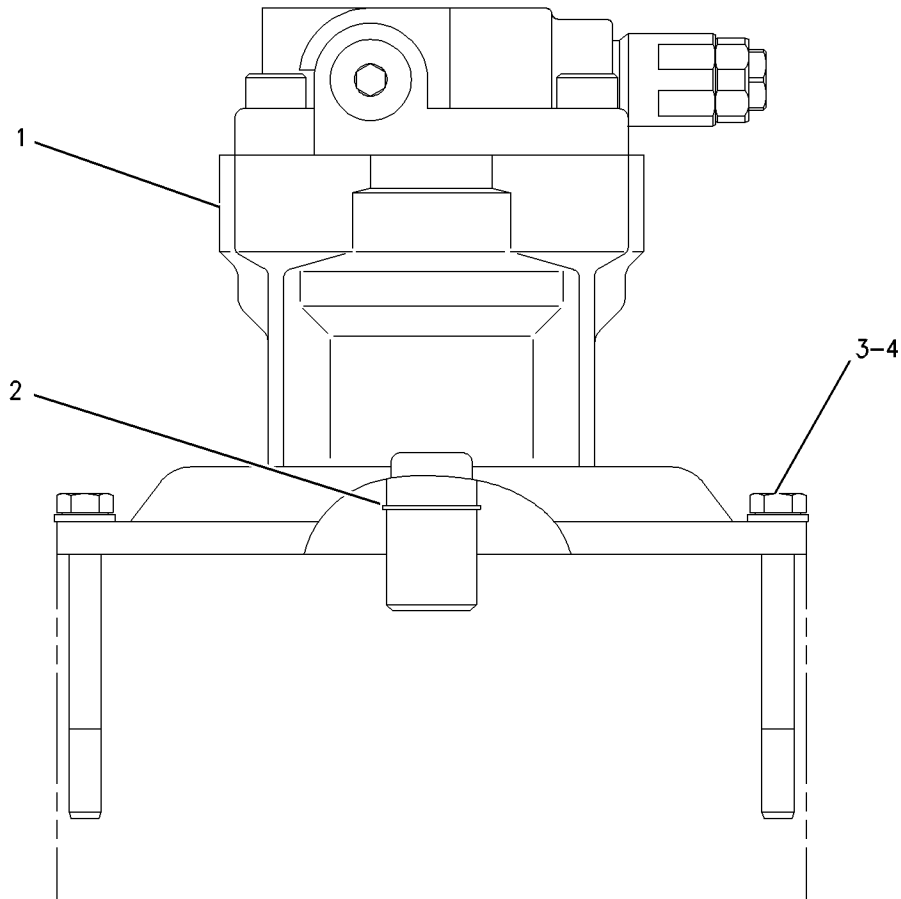
i01375371

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
YR	1	1	158-8986	1	MOTOR GP-SWING	461
	2	1	6V-5200	1	RING-RETAINING	
M	3	1	7X-2558	16	BOLT (M16X2X150-MM)	
	4	1	9X-8257	16	WASHER (17.5X30X3.5-MM THK)	

M-METRIC PART

R-REMFG PART MAY BE AVAILABLE

Y-SEPARATE ILLUSTRATION



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g00670538

HYDRAULIC SYSTEM

215-9982 MOTOR & MTG GP-TRAVEL

S/N: A6F1-UP; A8F1-UP

PART OF 270-8170 FINAL DRIVE GP

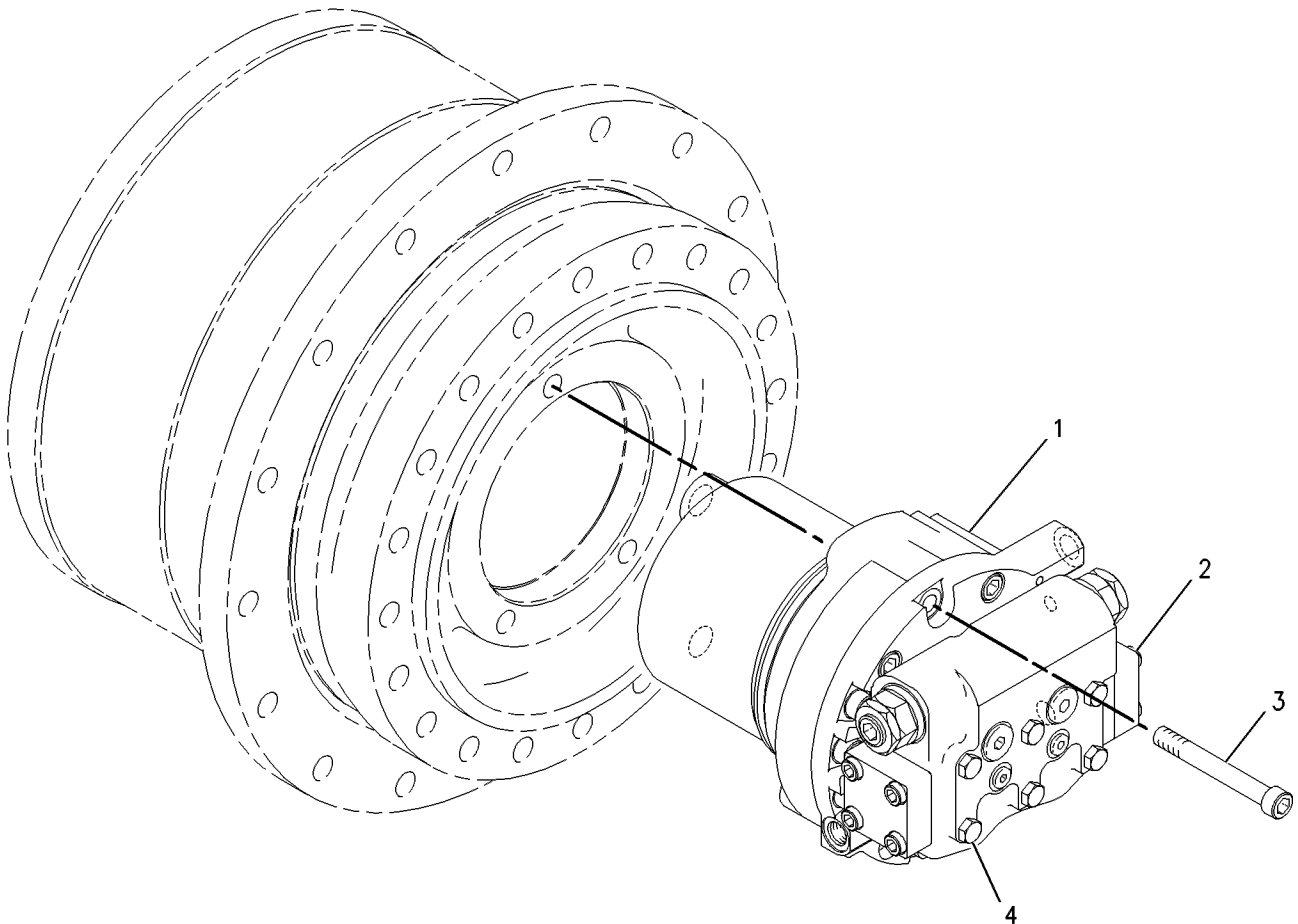
SMCS-4351

i02776585

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	209-5992	1	MOTOR GP-TRAVEL						464
Y	2	1	204-2819	1	VALVE GP-TRAVEL COUNTERBALANCE						561
M	3	1	095-0707	3	BOLT (M16X2X120-MM)						
M	4	1	3E-6910	6	BOLT-SOCKET HEAD (M12X1.75X70-MM)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00591624

HYDRAULIC SYSTEM

158 - 8986 MOTOR GP - SWING

S/N: A6F1-UP; A8F1-UP

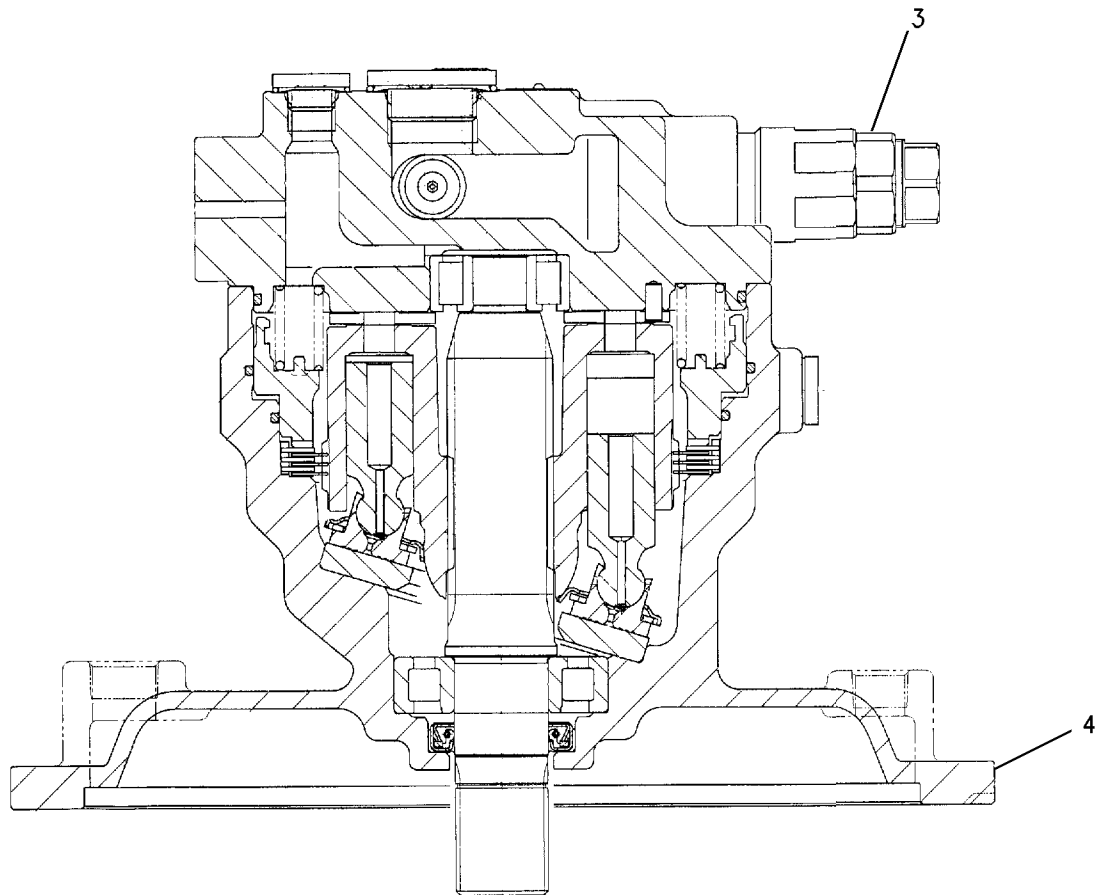
PART OF 158-8985 MOTOR & MTG GP-SWING

SMCS-5058

i01890875

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	3	1	173-3452	2	VALVE GP-RELIEF	536
Y	4	1	191-5542	1	MOTOR GP-SWING	462

Y- SEPARATE ILLUSTRATION



LEFT SIDE VIEW

GRAPHIC #1

<END>

g00757516

HYDRAULIC SYSTEM

191-5542 MOTOR GP - SWING

S/N: A6F1-UP; A8F1-UP

PART OF 158-8986 MOTOR GP - SWING

SMCS-5058

i01890882

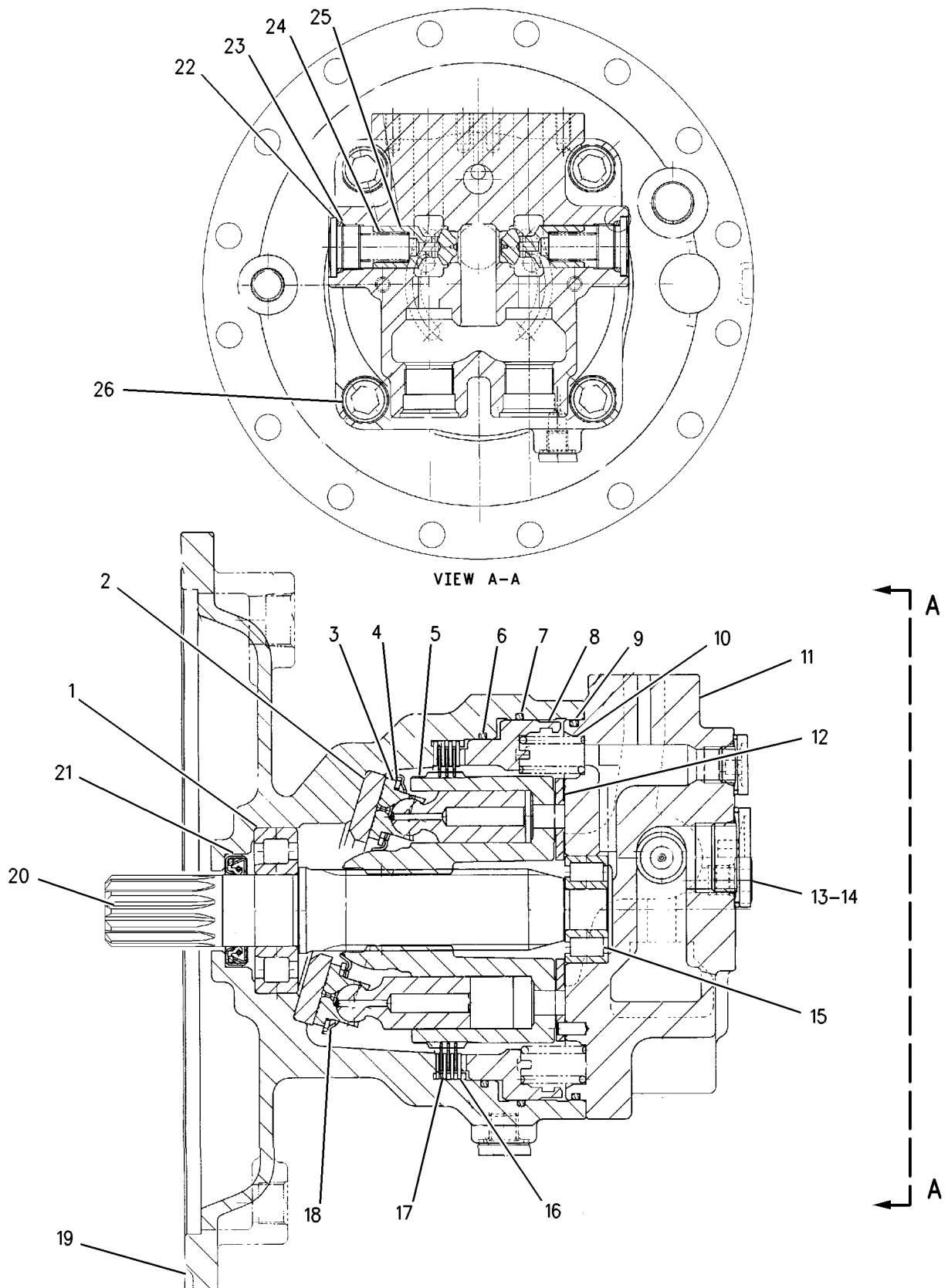
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	122-5318	1	BEARING						
	2	1	173-3444	1	PLATE						
	3	1	173-3472	1	PISTON AS						
	4	1	173-3443	1	PLATE						
	5	1	173-3441	1	BARREL						
J	6	1	5I-8426	1	SEAL-O-RING						
J	7	1	5I-8417	1	SEAL-O-RING						
	8	1	177-2584	1	PISTON-BRAKE						
J	9	1	5I-8623	1	SEAL-O-RING						
	10	1	126-2055	20	SPRING						
	11	1	173-3439	1	HEAD GP-MOTOR						
		1	095-0882	2	PIN-SPRING						
	12	1	173-3445	1	PLATE-VALVE						
	13	1	110-5525	2	PLUG						
J	14	1	3J-1907	2	SEAL-O-RING						
	15	1	5I-8625	1	BEARING						
	16	1	173-3451	4	PLATE-SEPARATOR						
	17	1	173-3450	3	PLATE-FRICTION						
	18	1	173-3442	1	SPRING						
	19	1	191-5543	1	BODY						
	20	1	173-3440	1	SHAFT						
J	21	1	173-3447	1	SEAL-OIL						
	22	1	094-1900	2	PLUG						
J	23	1	095-1595	2	SEAL-O-RING						
	24	1	7Y-4268	2	SPRING						
	25	1	7Y-4267	2	VALVE						
M	26	1	7Y-5221	4	BOLT-SOCKET HEAD (M20X2.5X45-MM)						
AVAILABLE REPAIR KIT(S) :											
J			173-3454	1	KIT-SEAL						

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

HYDRAULIC SYSTEM

191-5542 MOTOR GP - SWING (contd.)

i01890882



GRAPHIC #1

<END>

g00881256

HYDRAULIC SYSTEM

209-5992 MOTOR GP - TRAVEL

S/N: A6F1-UP; A8F1-UP

PART OF 215-9982 MOTOR & MTG GP - TRAVEL

SMCS-4351, 5058

i01891487

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	209-5894	1	SHAFT						
	2	1	087-4743	2	STOP						
	3	1	094-1399	2	RING-RETAINING						
	4	1	7Y-4212	1	BEARING						
	5	1	087-4757	2	PISTON						
	6	1	107-6969	1	BODY						
	7	1	122-5114	1	GUIDE-BALL						
	8	1	209-5909	1	PLATE-CAM						
	9	1	147-5860	1	PISTON AS						
	10	1	133-6777	1	BARREL AS						
	11	1	107-6954	4	PLATE-FRICTION						
	12	1	107-6955	5	PLATE-SEPARATOR						
	13	1	096-1523	1	GUIDE-PISTON						
	14	1	7Y-4213	1	PISTON-BRAKE						
	15	1	7Y-4202	1	HEAD						
M	16	1	8T-4944	10	BOLT-SOCKET HEAD (M16X2X40-MM)						
B	17	1	096-1521	1	SHIM (1-MM THK)						
B	18	1	096-3785	1	SHIM (1.2-MM THK)						
B	19	1	096-3786	1	SHIM (1.4-MM THK)						
B	20	1	096-3787	1	SHIM (1.6-MM THK)						
B	21	1	096-1522	1	SHIM (2-MM THK)						
B	22	1	096-3788	1	SHIM (1.8-MM THK)						
	23	1	096-5916	2	SEAT						
	24	1	2D-6642	2	BALL						
J	25	1	095-1572	2	SEAL-O-RING						
J	26	1	096-5919	2	RING-BACKUP						
	27	1	096-5915	2	RETAINER						
	28	1	096-4003	1	SET-BEARING						
		1	7Y-4234	1	RACE-NEEDLE ROLLER						
J	29	1	095-1585	1	SEAL-O-RING						
	30	1	087-4742	1	VALVE						
	31	1	096-1519	1	SEAT						
	32	1	095-7380	1	SPRING						
	33	1	095-7382	1	RETAINER						
	34	1	094-1875	1	DOWEL						
	35	1	095-7378	1	WASHER SET						
	36	1	8T-6759	10	PLUG-PIPE						
J	37	1	095-1575	3	SEAL-O-RING						
J	38	1	096-4378	1	RING-BACKUP						
J	39	1	096-4377	2	SEAL-O-RING						
	40	1	8T-6759	1	PLUG-PIPE						
J	41	1	095-7384	1	SEAL-O-RING						
J	42	1	095-7383	1	SEAL-O-RING						
J	43	1	095-7386	1	RING-BACKUP						
J	44	1	095-7387	1	RING						
J	45	1	095-1685	1	SEAL-O-RING						
	46	1	118-4057	9	SPRING						
	47	1	7Y-4215	1	SPACER						
J	48	1	095-1586	2	SEAL-O-RING						
J	49	1	7Y-4217	2	RING-BACKUP						
J	50	1	096-4376	1	SEAL-LIP TYPE						
	51	1	123-2008	2	KEY						
J	54	1	3K-0360	1	SEAL-O-RING						
	55	1	9S-4185	1	PLUG-O RING						
J	56	1	095-1700	2	SEAL-O-RING						
	57	1	7Y-4224	2	ORIFICE						

HYDRAULIC SYSTEM

209-5992 MOTOR GP - TRAVEL (contd.)

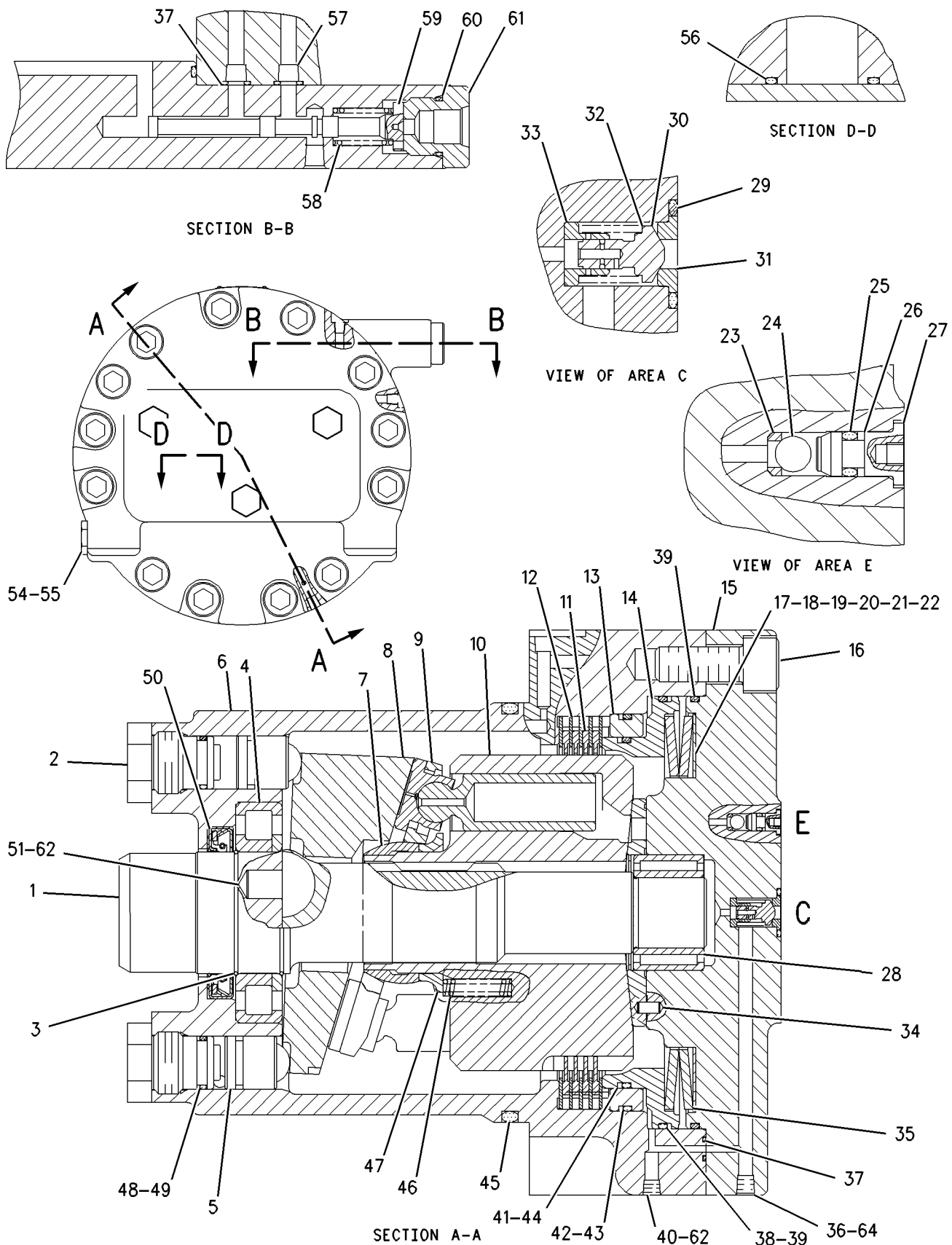
i01891487

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	58	1	096-3978	1	SPRING	
	59	1	7Y-4216	1	SPOOL	
J	60	1	2M-9780	1	SEAL-O-RING	
	61	1	087-4786	1	ADAPTER	
	62	1	121-1558	2	PIN	
B	64	1	094-1882	11	PLUG	
AVAILABLE REPAIR KIT(S) :						
J			7Y-4222	1	KIT-SEAL (TRAVEL MOTOR)	
B-USE AS REQUIRED						
J - KIT MARKED J SERVICES PARTS MARKED J						
M-METRIC PART						

HYDRAULIC SYSTEM

209-5992 MOTOR GP - TRAVEL (contd.)

i01891487



HYDRAULIC SYSTEM

260 - 7868 MOUNTING GP-MAIN CONTROL VALVE

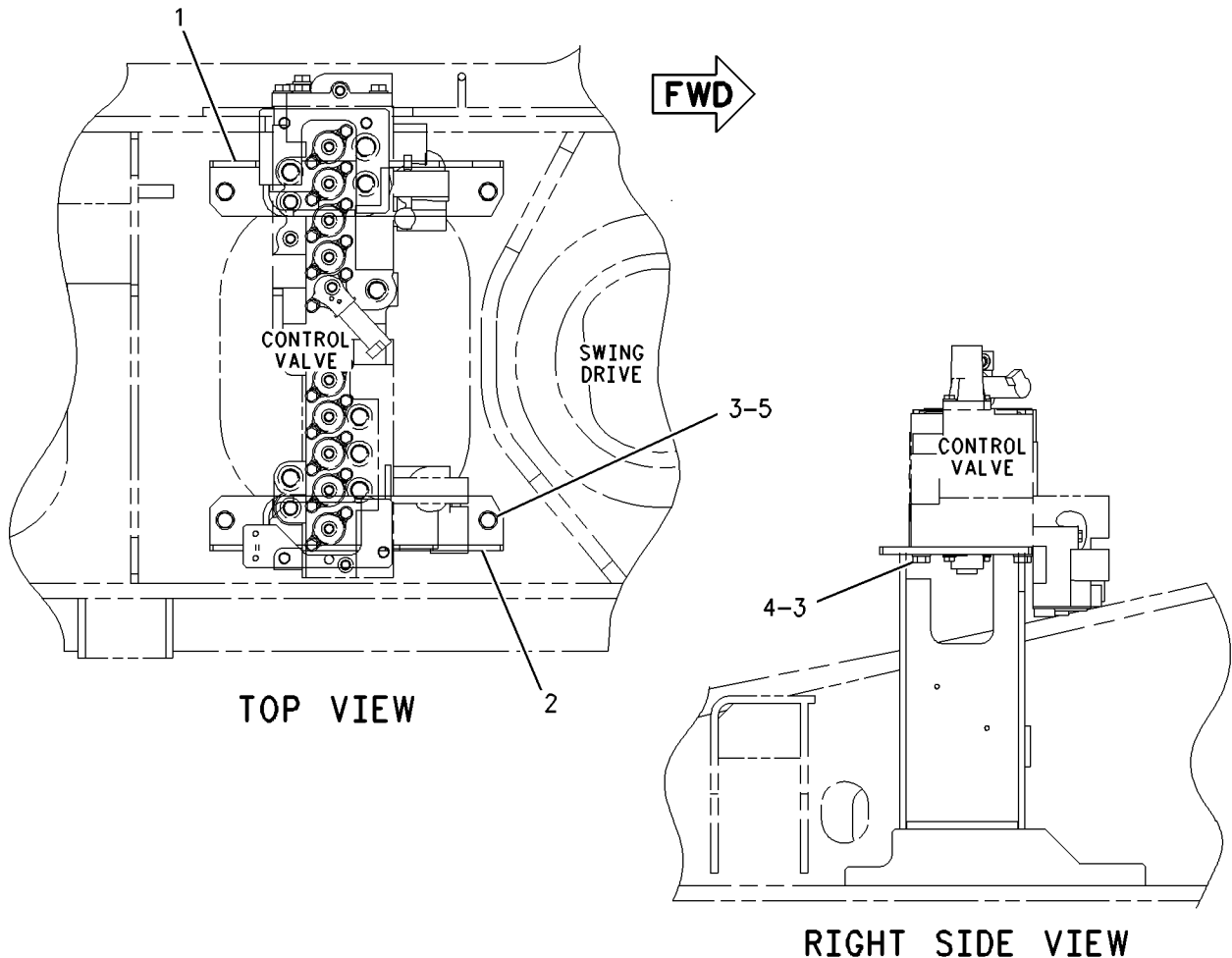
S/N: A6F1-UP; A8F1-UP

PART OF 285-1354, 285-1355 HYDRAULIC AR

SMCS-5051

i02499414

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	260-7904	1	SUPPORT AS						
	2	1	260-7906	1	SUPPORT AS						
M	3	1	100-3866	8	BOLT-SELF-LOCKING (M16X2X40-MM)						
	4	1	9X-8257	4	WASHER (17.5X30X3.5-MM THK)						
	5	1	196-0711	4	WASHER (17X40X8-MM THK)						
M-METRIC PART											



GRAPHIC #1

<END>

g00676425

HYDRAULIC SYSTEM

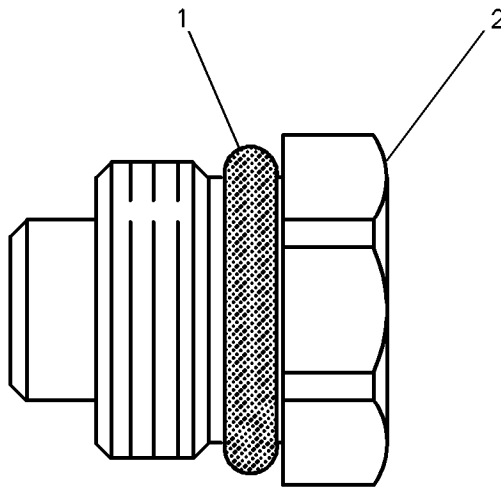
6E-2746 PLUG GP-CONTROL VALVE

S/N: A6F1-UP; A8F1-UP
PART OF 6E-4816 PLUG GP-CONTROL VALVE
ALSO AN ATTACHMENT

SMCS-0663, 5051

i00828073

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6E-2745	1	SEAL-O-RING						
	2	1	9T-4506	1	PLUG						



GRAPHIC #1

<END>

g00228739

HYDRAULIC SYSTEM

6E-4793 PLUG GP-CONTROL VALVE

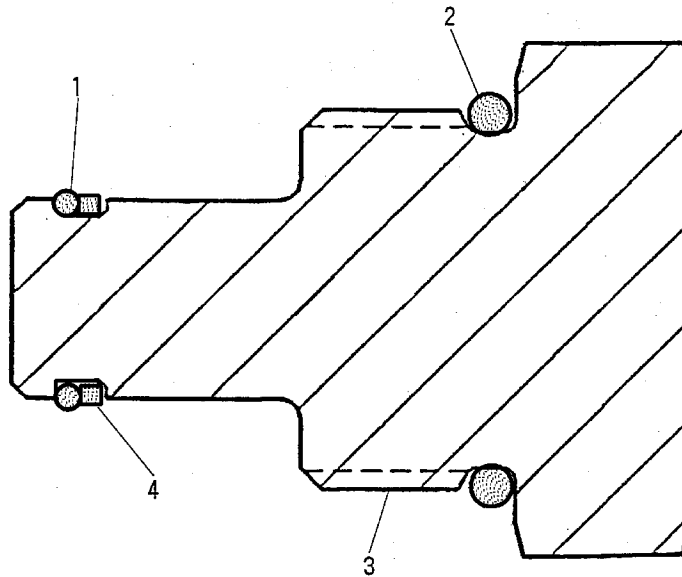
S/N: A6F1-UP; A8F1-UP

PART OF 6E-4816 PLUG GP-CONTROL VALVE
ALSO AN ATTACHMENT

SMCS-0663, 5051

i00831416

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6M-5062	1	SEAL-O-RING						
	2	1	3D-2824	1	SEAL-O-RING						
	3	1	9J-0705	1	RING-BACKUP						
	4	1	6E-4815	1	PLUG						



GRAPHIC #1

<END>

g00228736

HYDRAULIC SYSTEM

6E-4816 PLUG GP-CONTROL VALVE

S/N: A6F1-UP; A8F1-UP

PART OF 259-7465 VALVE GP-CONTROL
ALSO AN ATTACHMENT

SMCS-0663, 5051

i00751498

NOTE	PART NUMBER	QTY	PART NAME	SEE PAGE
			1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	6E-2746	1	PLUG GP-CONTROL VALVE	468
Y	6E-4793	1	PLUG GP-CONTROL VALVE	469
Y	106-6248	1	PLUG GP-CONTROL VALVE	471
Y-SEPARATE ILLUSTRATION				

<END>

HYDRAULIC SYSTEM

106 - 6248 PLUG GP - CONTROL VALVE

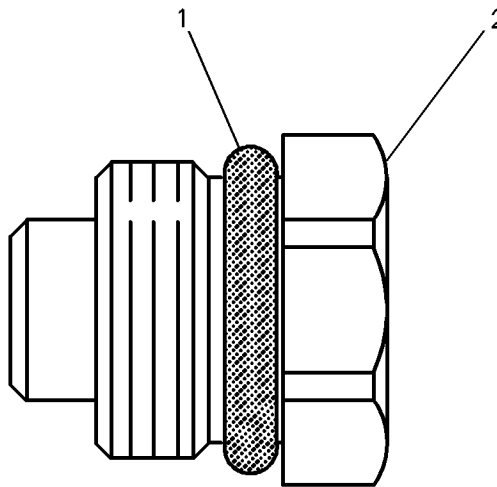
S/N: A6F1-UP; A8F1-UP

PART OF 6E-4816 PLUG GP-CONTROL VALVE
ALSO AN ATTACHMENT

SMCS-0663, 5051

i00828076

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	6E-2745	1	SEAL-O-RING	
	2	1	9T-4506	1	PLUG	



GRAPHIC #1

<END>

g00228739

HYDRAULIC SYSTEM

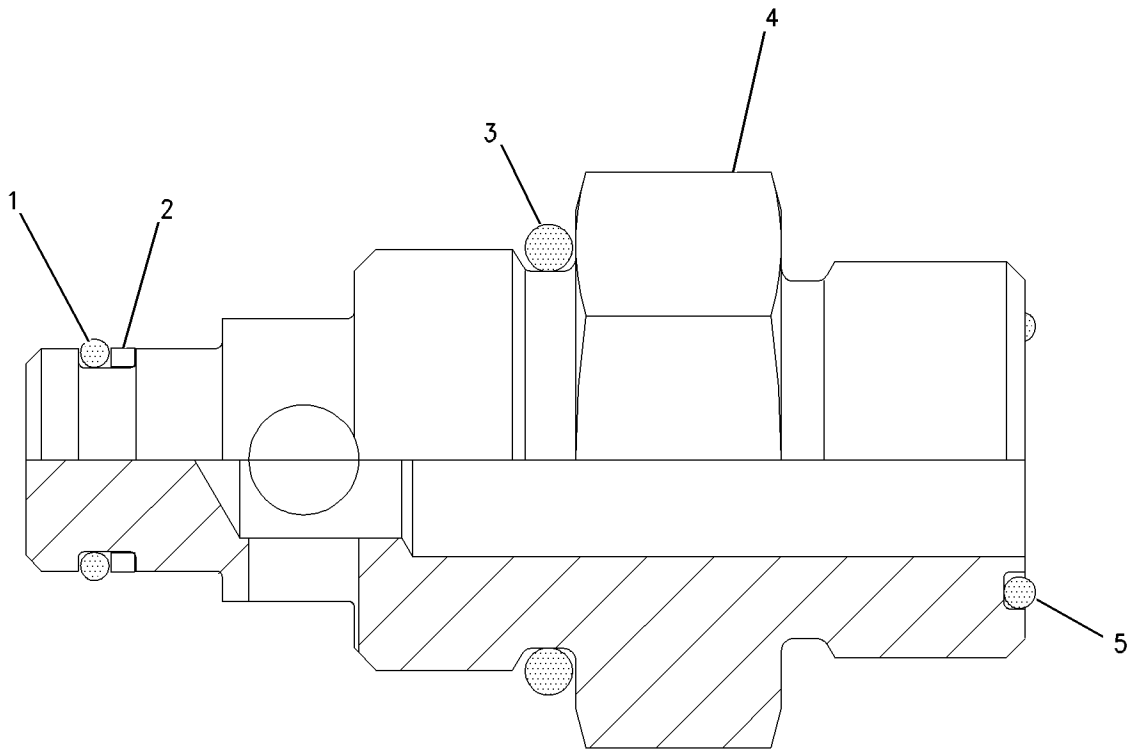
165-9473 PLUG GP-CONTROL VALVE-AUXILIARY

S/N: A6F1-UP; A8F1-UP
PART OF 244-8419 VALVE GP-CONTROL
AN ATTACHMENT

SMCS-0663, 5051

i02797132

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6M-5062	1	SEAL-O-RING						
	2	1	9J-0705	1	RING-BACKUP						
	3	1	3D-2824	1	SEAL-O-RING						
	4	1	165-9474	1	PLUG						
	5	1	7J-9108	1	SEAL-O-RING						



GRAPHIC #1

<END>

g00693084

HYDRAULIC SYSTEM

279 - 7869 PUMP & MTG GP-MAIN HYDRAULIC

S/N: A6F1-UP; A8F1-UP

PART OF 285-1354, 285-1355 HYDRAULIC AR

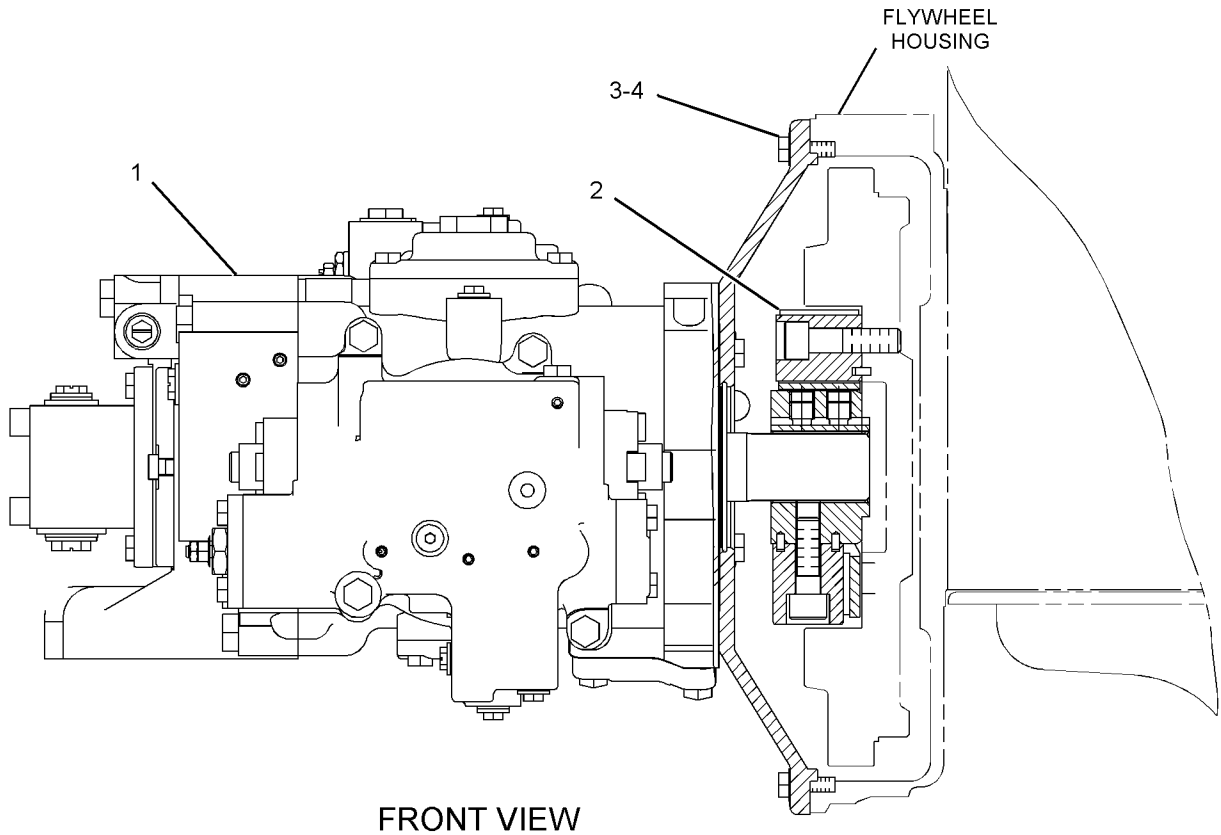
SMCS-5070

i02779629

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	272-6955	1	PUMP GP-MAIN HYDRAULIC	474
Y	2	1	279-7870	1	COUPLING GP-PUMP	286
	3	1	8T-4121	12	WASHER-HARD (11X21X2.5-MM THK)	
M	4	1	8T-4195	12	BOLT (M10X1.5X30-MM)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



FRONT VIEW

GRAPHIC #1

<END>

g01285232

HYDRAULIC SYSTEM

272-6955 PUMP GP-MAIN HYDRAULIC-DOUBLE

S/N: A6F1-UP; A8F1-UP

PART OF 279-7869 PUMP & MTG GP-MAIN HYDRAULIC

SMCS-5070

i02779706

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	3	4I-1022	2	ORIFICE	
	2	2	7Y-4215	2	SPACER	
	3	3	096-3983	1	RING-RETAINING	
	4	2	118-4057	18	SPRING	
J	5	3	126-2016	1	PUMP GP-GEAR (PILOT)	
		3	9T-0835	1	RING-RETAINING	
	6	2	129-7859	2	SET-BEARING	
	7	1	129-7863	1	COVER	
	8	2	129-7921	2	RING-RETAINING	
	9	2	129-7927	2	BEARING	
	10	1	129-7979	4	DOWEL	
	11	1	150-5782	2	COVER	
	12	2	173-3427	2	GUIDE-BALL	
	13	2	173-3473	2	PLATE	
	14	3	173-3496	1	BARREL AS	
	15	2	173-3498	1	BARREL AS	
	16	1	177-2470	1	COVER	
	17	1	177-2471	1	COVER	
	18	1	179-9763	1	FLANGE	
	19	2	191-5709	2	PISTON AS	
	20	3	192-0573	4	PIN-DOWEL	
	21	2, 3	189-9763	8	SEAL-O-RING	
	22	1	200-3333	1	HEAD-PUMP	
	23	2	200-3334	1	COVER	
	24	3	225-4543	1	SHAFT-DRIVE	
	25	2	225-4544	1	SHAFT-DRIVEN	
	26	3	129-7854	1	CASE	
	27	1	129-7857	1	GASKET	
	28	2	129-7855	1	GASKET	
	29	3	129-7925	1	SEAL-LIP TYPE	
	30	2	242-6801	2	SWASHPLATE AS	
					(EACH INCLUDES)	
		2	094-1875	1	DOWEL	
		2	173-3428	1	BEARING-SLEEVE	
		2	242-6803	2	PIN-DOWEL	
	31	3	242-6804	4	BEARING	
	32	2	247-8920	2	ORIFICE	
	33	1	247-8782	1	BODY	
Y	34	1	256-0093	1	HEAD GP-PUMP	316
Y	35	1	256-0096	1	HEAD GP-PUMP	319
	37	3	094-1875	6	DOWEL	
	38	1, 3	094-1882	16	PLUG	
	39	2	095-0946	2	RING-RETAINING	
	41	3	096-3944	1	SEAL-O-RING	
	42	2	273-8314	1	SEAL-O-RING	
	43	2	190-4896	2	PLUG	
	44	2	193-1736	4	SEAL-O-RING	
	45	1	3K-0360	2	SEAL-O-RING	
	46	3	7M-8485	2	SEAL-O-RING	
M	47	1	7X-2557	1	BOLT (M16X2X140-MM)	
	48	3	8J-4645	2	PLUG (STRAIGHT THREAD O-RING)	
	49	2, 3	273-8315	2	SEAL-O-RING	
M	50	1, 2, 3	8T-4136	18	BOLT (M10X1.5X25-MM)	
M	51	3	8T-4137	2	BOLT (M10X1.5X20-MM)	
M	52	1, 2	8T-4139	10	BOLT (M12X1.75X30-MM)	
M	53	1	8T-4140	4	BOLT (M16X2X60-MM)	

HYDRAULIC SYSTEM

272-6955 PUMP GP-MAIN HYDRAULIC (contd.)

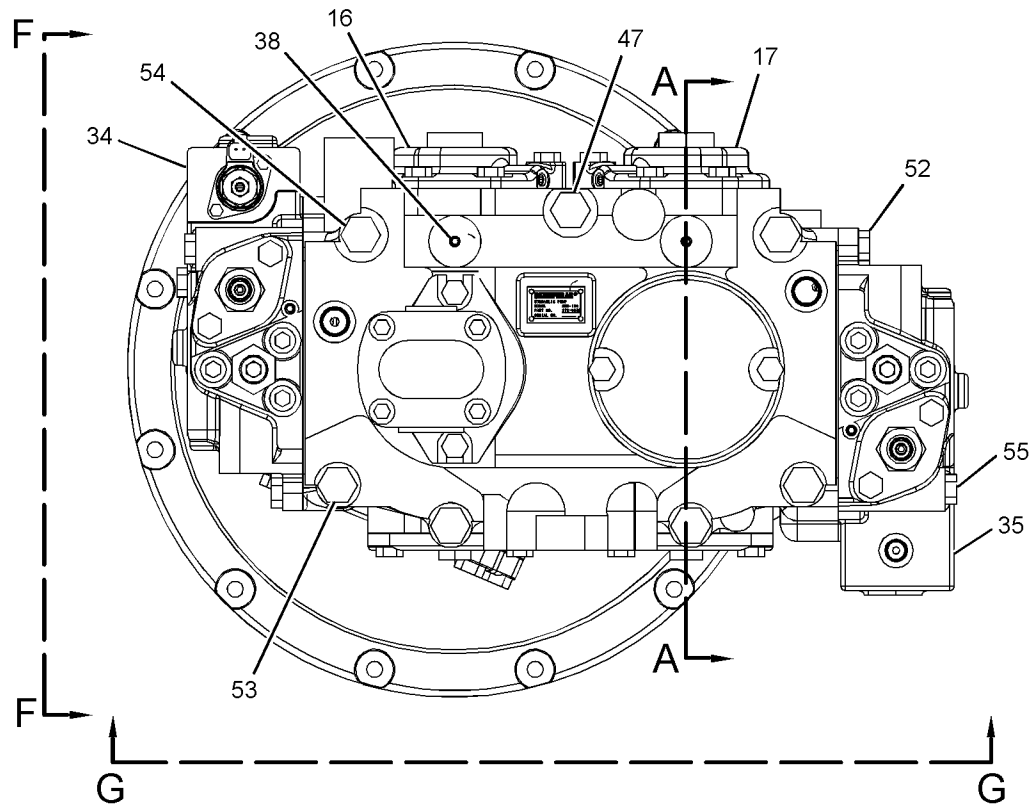
i02779706

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	54	1	8T-4175	2	BOLT (M16X2X90-MM)						
M	55	1, 2	8T-4176	2	BOLT (M12X1.75X90-MM)						
M	56	3	8T-4192	10	BOLT (M12X1.75X25-MM)						
M	57	3	8T-4196	2	BOLT (M10X1.5X35-MM)						
	58	1	9S-4185	2	PLUG-O-RING						
AVAILABLE REPAIR KIT(S) :											
J			250-2503	1	KIT-SEAL (PILOT GEAR PUMP)						
					(INCLUDES 2 GASKETS, LIP SEAL, SEAL AND RETAINING RING)						
J-KIT MARKED J SERVICES PART(S) MARKED J											
M-METRIC PART											
Y-SEPARATE ILLUSTRATION											

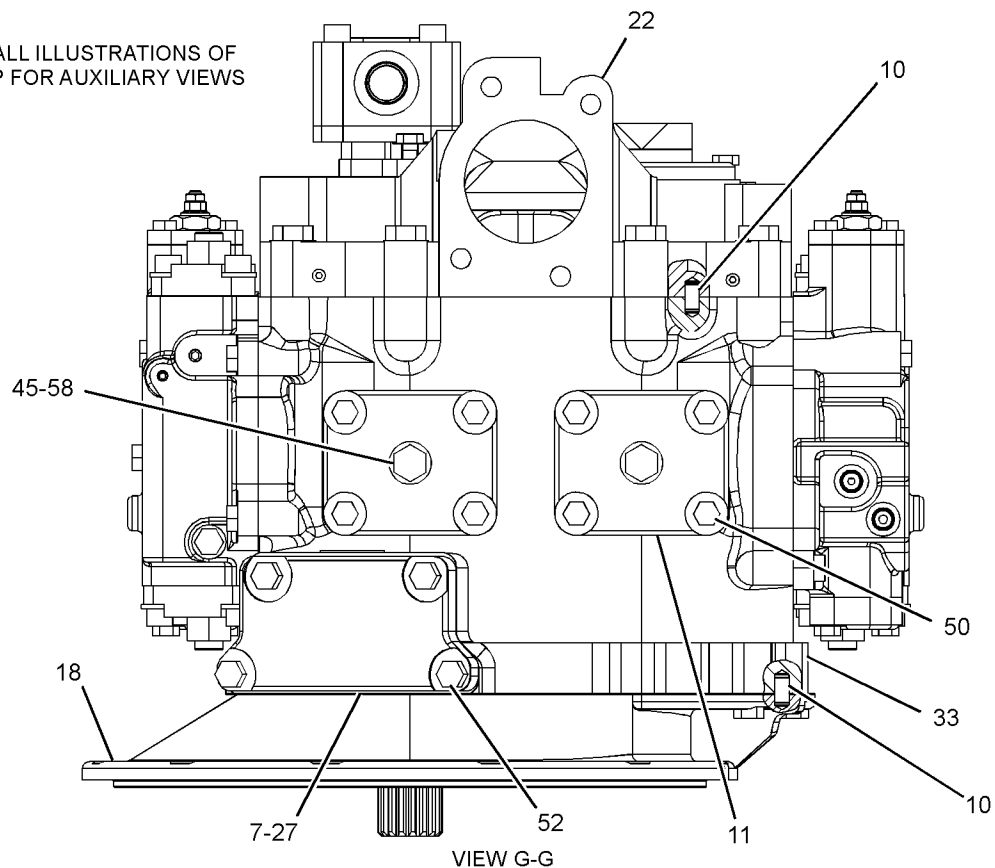
HYDRAULIC SYSTEM

272-6955 PUMP GP-MAIN HYDRAULIC (contd.)

i02779706



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



GRAPHIC #1

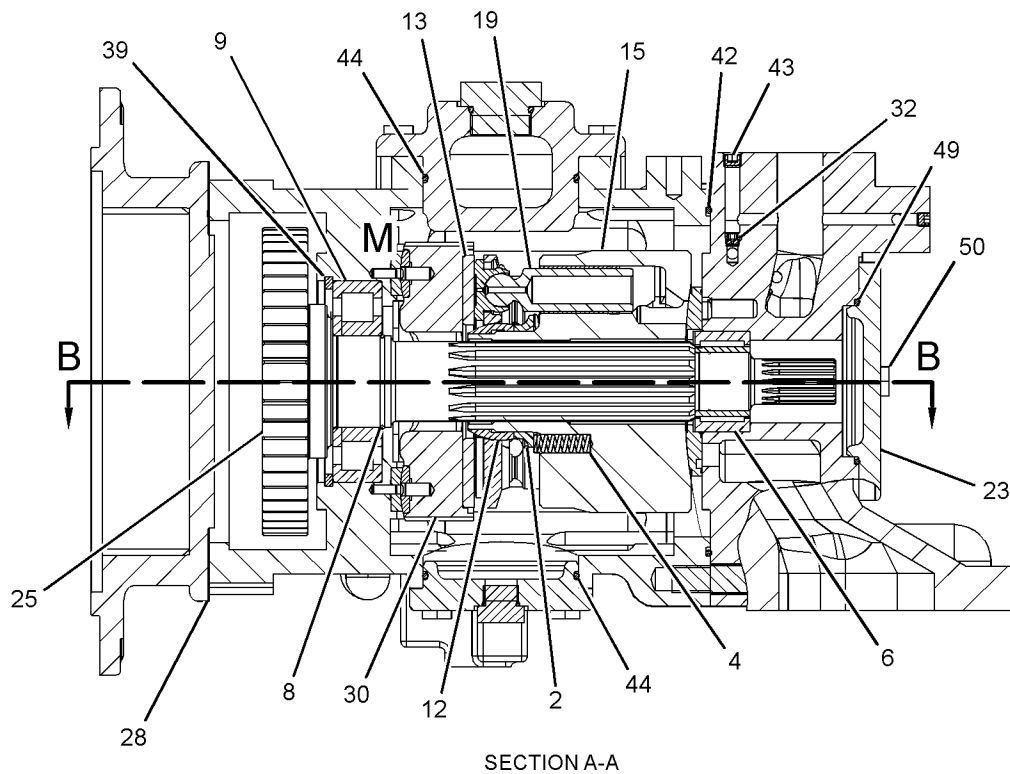
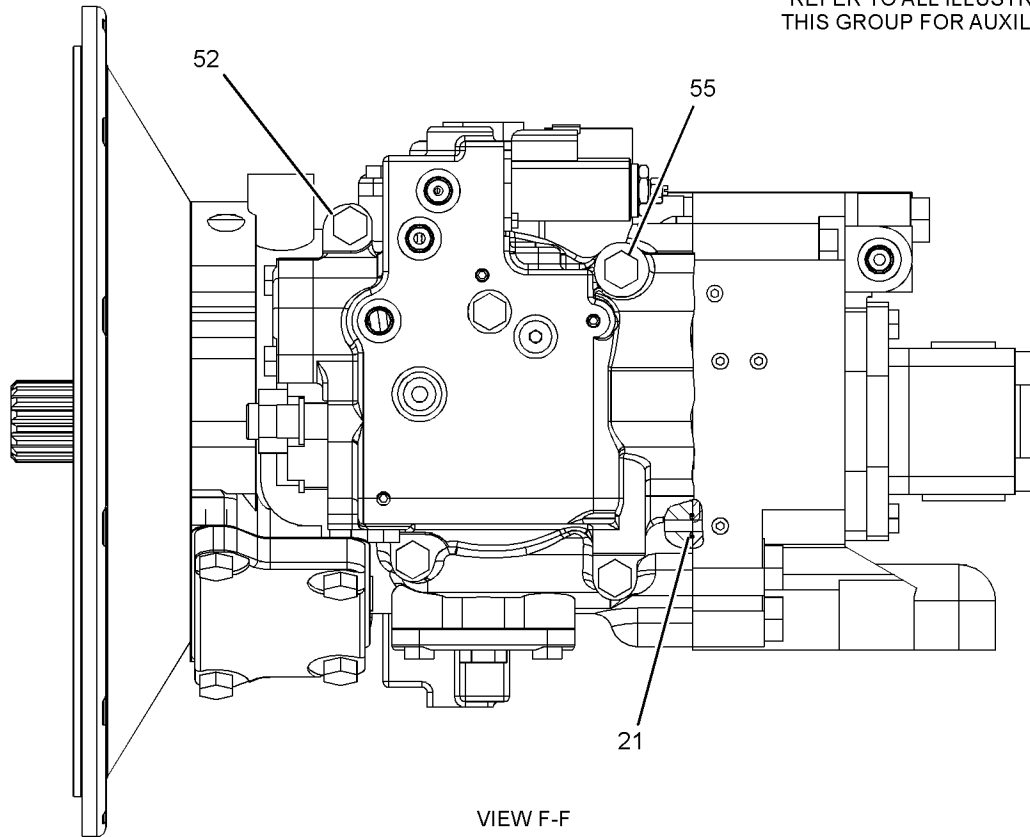
g01277932

HYDRAULIC SYSTEM

272-6955 PUMP GP-MAIN HYDRAULIC (contd.)

i02779706

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



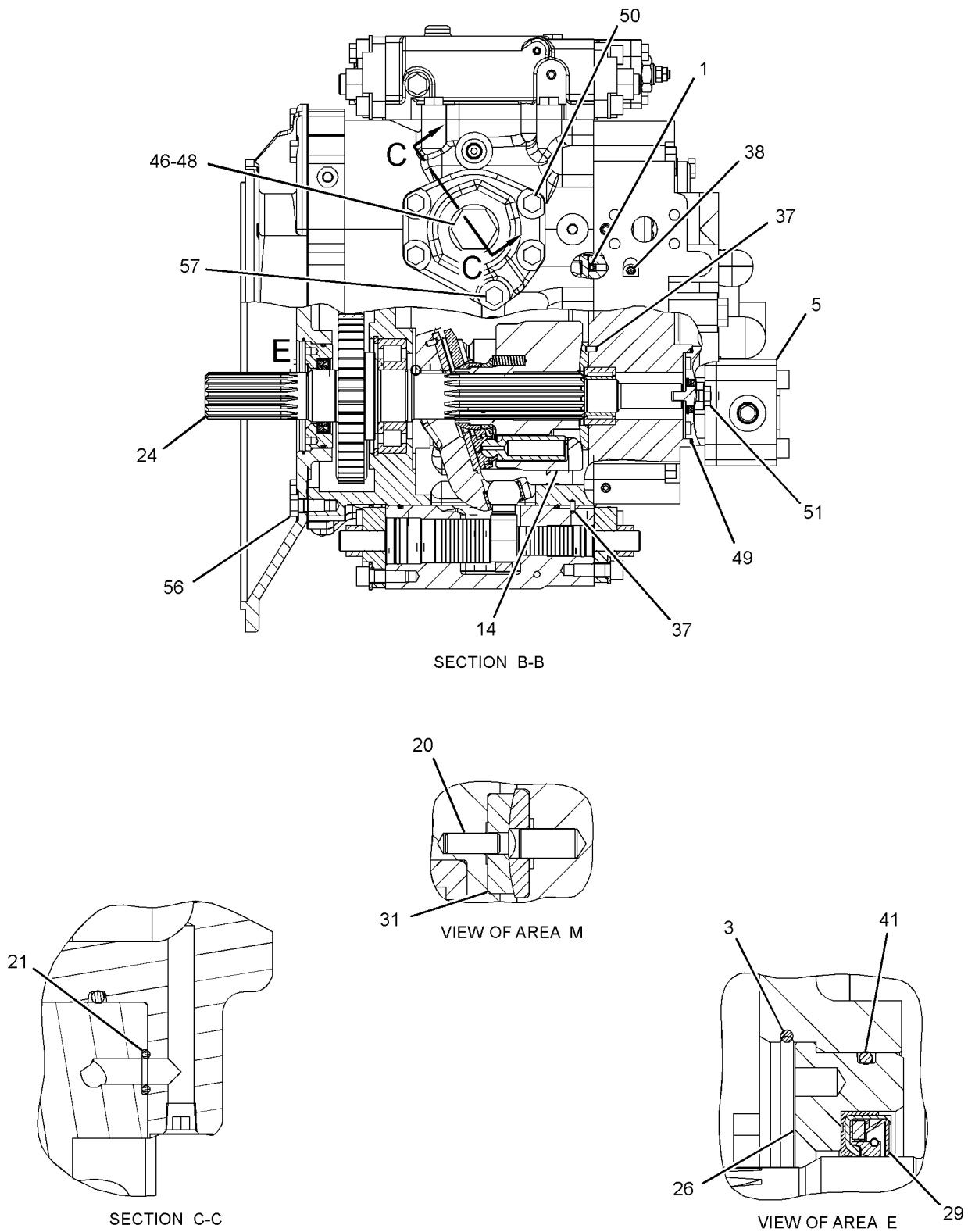
GRAPHIC #2

g01277933

HYDRAULIC SYSTEM

272-6955 PUMP GP-MAIN HYDRAULIC (contd.)

i02779706



GRAPHIC #3

<END>

g01275923

HYDRAULIC SYSTEM

259-0922 SCREEN GP-HYDRAULIC

S/N: A6F1-UP; A8F1-UP

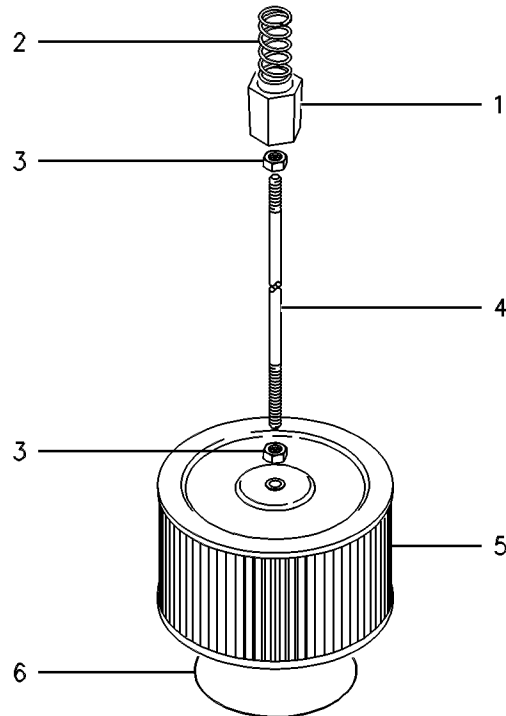
PART OF 239-1711 TANK & FILTER GP-HYDRAULIC

SMCS-5068

i02346889

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	259-0918	1	GUIDE						
	2	1	095-6639	1	SPRING						
M	3	1	8T-4133	2	NUT (M10X1.5-THD)						
	4	1	129-7784	1	ROD						
	5	1	209-6000	1	SCREEN AS (HYDRAULIC TANK)						
	6	1	5H-5672	1	SEAL-O-RING						

M-METRIC PART



GRAPHIC #1

<END>

g00267878

HYDRAULIC SYSTEM

234 - 4440 SWIVEL GP

S/N: A6F1-UP; A8F1-UP

PART OF 239-1716, 239-1717 LINES GP-TRAVEL MOTOR

SMCS-5060

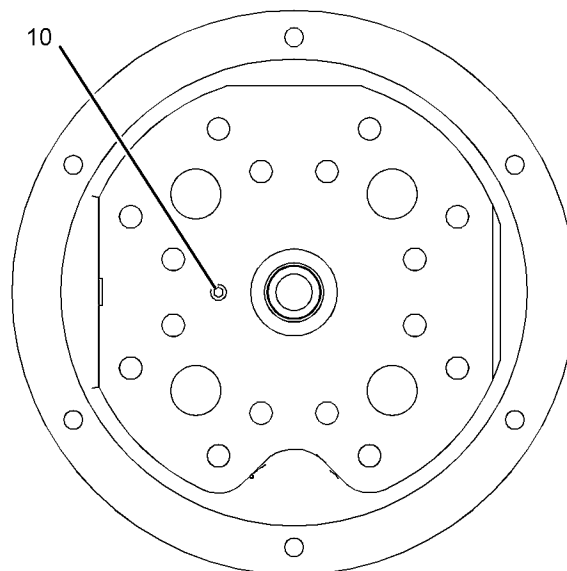
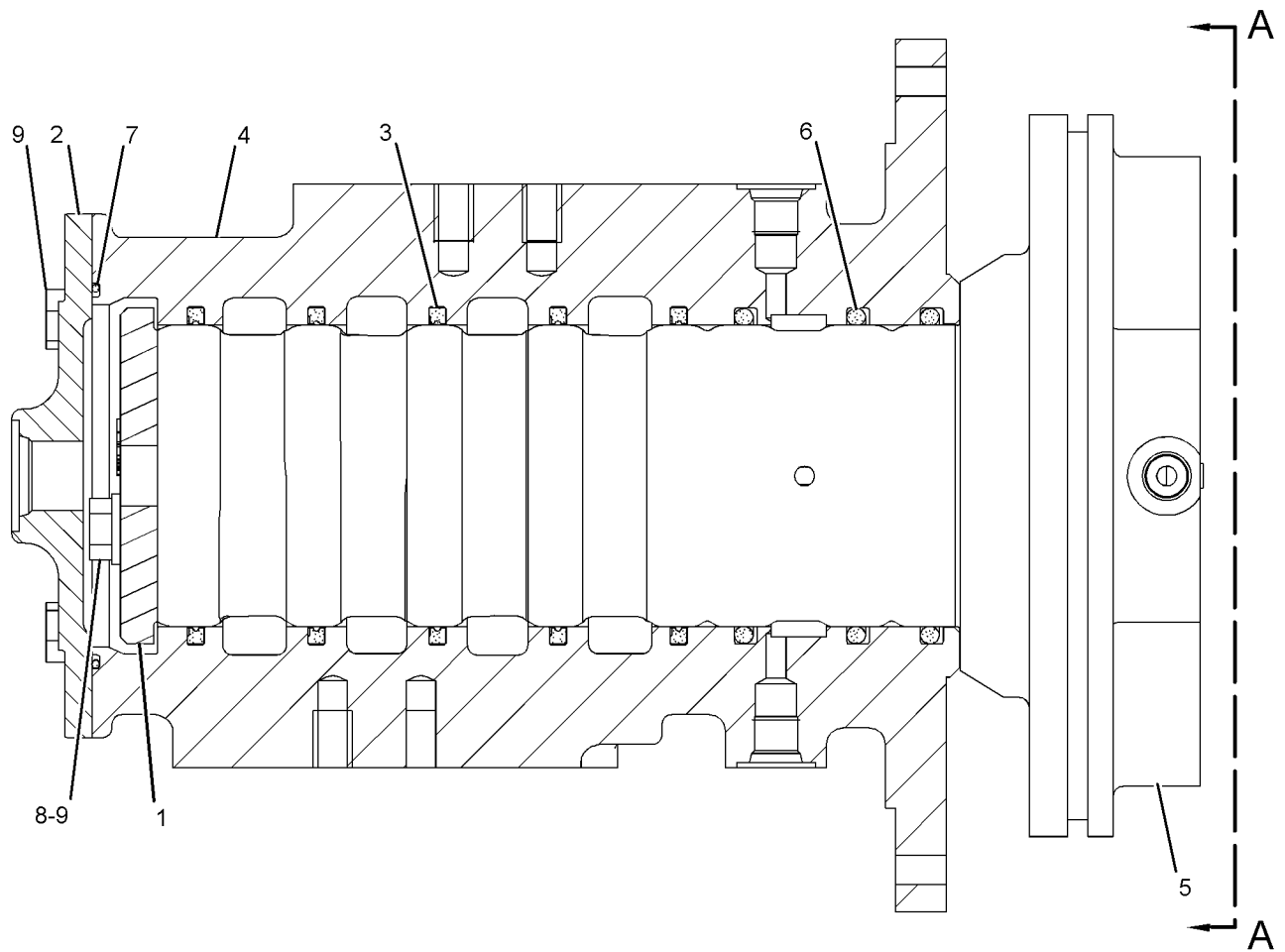
i02497047

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	7I-7131	1	RETAINER	
	2	1	7Y-4817	1	COVER	
	3	1	159-7782	5	SEAL	
	4	1	225-4548	1	HOUSING	
	5	1	225-4549	1	ROTOR	
	6	1	095-1625	3	SEAL-O-RING	
	7	1	095-1716	1	SEAL-O-RING	
	8	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)	
M	9	1	8T-4136	6	BOLT (M10X1.5X25-MM)	
	10	1	8T-6759	1	PLUG-PIPE	
M-METRIC PART						

HYDRAULIC SYSTEM

234-4440 SWIVEL GP (contd.)

i02497047



VIEW A-A

<END>

GRAPHIC #1

g01153614

HYDRAULIC SYSTEM

239-1711 TANK & FILTER GP-HYDRAULIC

S/N: A6F1-UP; A8F1-UP

210-L (55.5-US GAL)

PART OF 239-1710 TANK & MTG GP-HYDRAULIC

SMCS-5056, 5068

i02778117

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4B-7739	1	PLUG-DRAIN (HYDRAULIC OIL)						
	2	1	4I-5394	1	SENDER AS-TEMPERATURE (HYDRAULIC OIL)						
M		1	4I-5490	2	SCREW-MACHINE (M4X0.7X6-MM)						
		1	095-0826	2	LOCKWASHER						
	3	1	4J-5267	1	SEAL-O-RING						
	4	1	8H-9819	1	ADAPTER-PLUG						
	5	1	095-1608	1	SEAL-O-RING						
	6	1	213-0677	1	SWITCH AS-LIQUID LEVEL (HYDRAULIC OIL)						
		1	9X-3401	2	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	7	1	227-0590	1	BREATHING GP (HYDRAULIC TANK)						
Y	8	1	227-0620	1	GAUGE GP-SIGHT (HYDRAULIC OIL LEVEL)						315
	9	1	9X-8256	4	WASHER (6.6X12X2-MM THK)						
	10	1	245-5402	1	COVER AS						
Y	11	1	259-0922	1	SCREEN GP-HYDRAULIC (TANK)						479
	12	1	292-7297	1	SUPPORT AS						
	13	1	207-6403	1	PLUG						
	14	1	207-6404	1	WASHER (49.5X60.5X1.5-MM THK)						
	15	1	095-1730	1	SEAL-O-RING						
	16	1	275-1362	1	BRACKET						
Y	17	1	289-8194	1	FILTER GP-OIL (HYDRAULIC, CASE DRAIN)						313
Y	18	1	158-8987	1	FILTER & VALVE GP-PILOT (HYDRAULIC OIL)						306
	19	1	164-5567	1	FITTING AS (QUICK DISCONNECT, MALE)						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-3965	1	FITTING-COUPLER						
	20	1	164-5590	1	VALVE AS-FLUID SAMPLING (HYDRAULIC OIL)						
		1	3J-7354	1	SEAL-O-RING						
		1	8C-3446	1	VALVE-FLUID SAMPLING (HYDRAULIC OIL)						
	21	1	165-3256	1	PIPE AS						
Y	22	1	188-4140	1	FILTER GP-OIL (HYDRAULIC RETURN)						309
	23	1	2B-0858	1	PLUG-PIPE						
	24	1	8T-7971	2	WASHER-HARD (13.5X25.5X5-MM THK)						
	25	1	3D-2824	1	SEAL-O-RING						
	26	1	3K-0360	1	SEAL-O-RING						
	27	1	4J-0527	1	SEAL-O-RING						
M	28	1	5C-9553	4	BOLT (M6X1X16-MM)						
	29	1	6D-9157	1	SEAL-O-RING						
	30	1	6J-2680	1	SEAL-O-RING						
	31	1	6V-0852	1	CAP-DUST						
	32	1	8C-3451	1	CAP-DUST						
M	33	1	8T-0267	2	BOLT-SOCKET HEAD (M6X1X12-MM)						
	34	1	8T-4121	15	WASHER-HARD (11X21X2.5-MM THK)						
M	35	1	8T-4136	5	BOLT (M10X1.5X25-MM)						
M	36	1	8T-4137	6	BOLT (M10X1.5X20-MM)						
M	37	1	8T-4183	2	BOLT (M12X1.75X40-MM)						
M	38	1	8T-4195	4	BOLT (M10X1.5X30-MM)						
	39	1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)						
	40	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)						
M	41	1	8T-4908	4	BOLT (M8X1.25X25-MM)						
M	42	1	8T-4956	4	BOLT (M12X1.75X35-MM)						

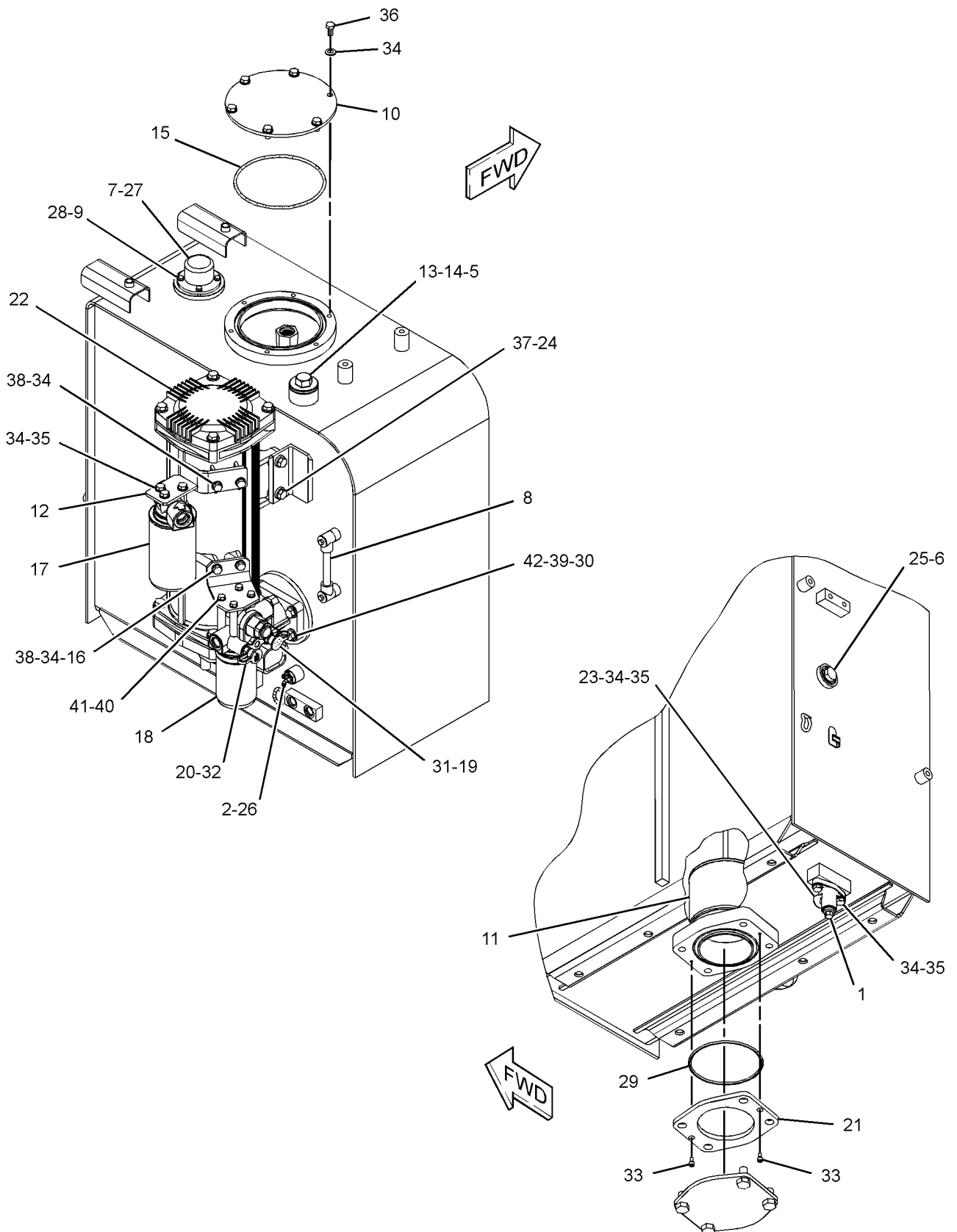
M-METRIC PART

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

239-1711 TANK & FILTER GP -HYDRAULIC (contd.)

i02778117



GRAPHIC #1

<END>

g01344311

HYDRAULIC SYSTEM

239-1710 TANK & MTG GP - HYDRAULIC

S/N: A6F1-UP; A8F1-UP

PART OF 285-1354, 285-1355 HYDRAULIC AR

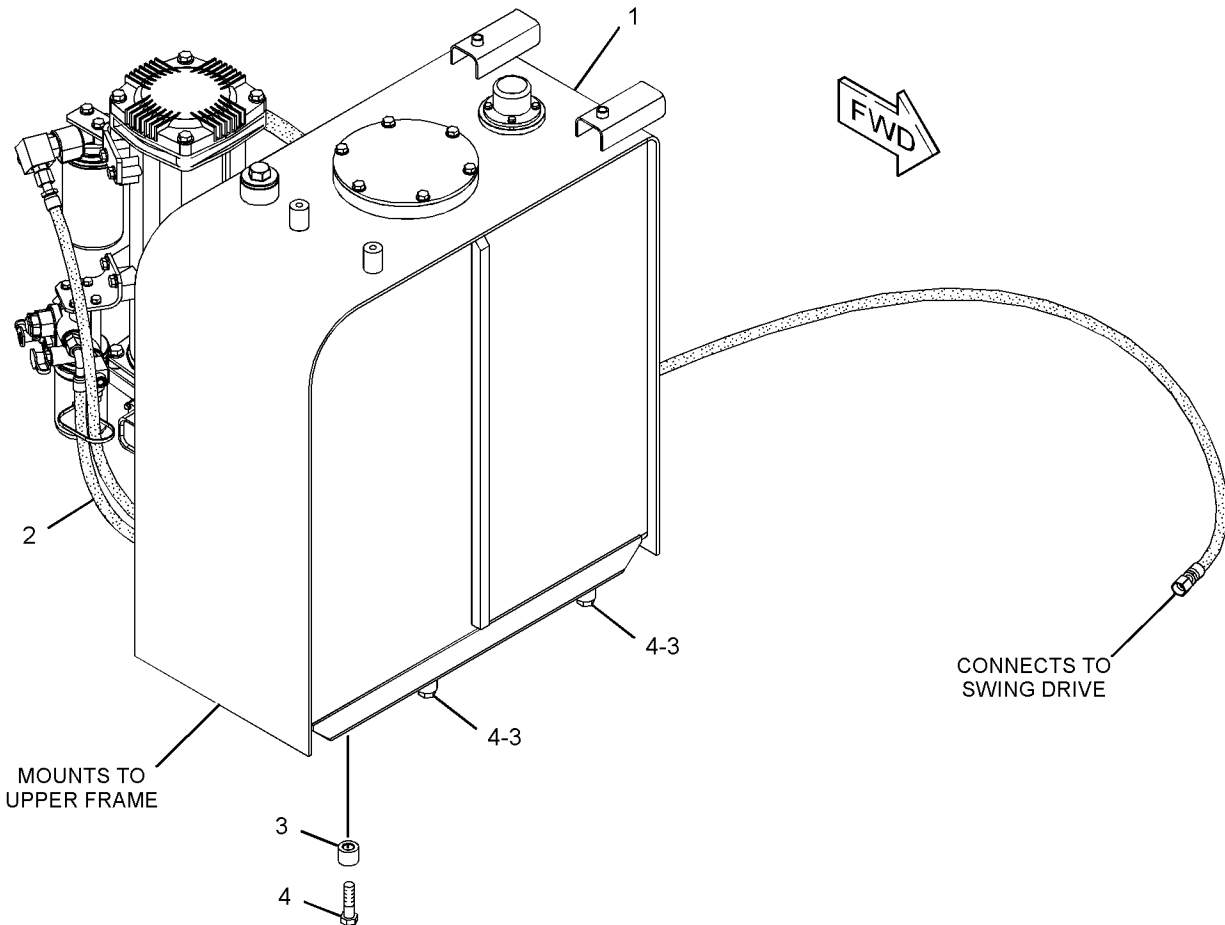
SMCS-5056

i02777598

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	239-1711	1	TANK & FILTER GP-HYDRAULIC						482
Y	2	1	248-9853	1	LINES GP-RETURN						445
	3	1	085-9310	6	SPACER (16.6X32X26-MM THK)						
M	4	1	8T-4140	6	BOLT (M16X2X60-MM)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01392799

HYDRAULIC SYSTEM

240-3881 VALVE & LINES GP-HEAVY LIFT

S/N: A6F1-UP; A8F1-UP

AN ATTACHMENT

SMCS-5059, 5479

i02793161

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	259-5237	1	FASTENER GP-WIRING HARNESS (HEAVY LIFT)						136
Y	255-1659	1	LINES GP-PILOT (HEAVY LIFT)						414
Y	259-7602	1	VALVE GP-MAIN CONTROL (HEAVY LIFT)						522
Y-SEPARATE ILLUSTRATION									

<END>

HYDRAULIC SYSTEM

255-5713 VALVE & MTG GP-CONTROL-AUXILIARY

S/N: A6F1-UP; A8F1-UP

PART OF 259-7493, 259-7494 CONTROL AR-AUXILIARY
AN ATTACHMENT

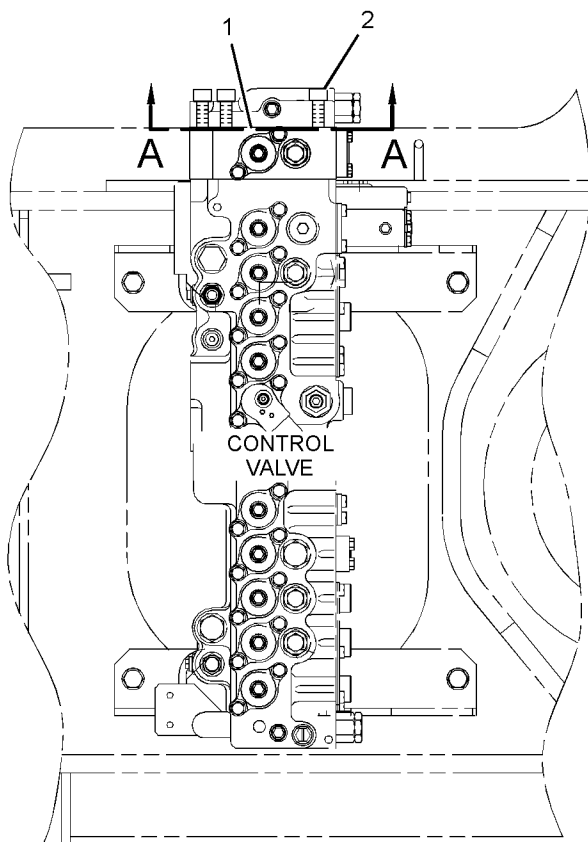
SMCS-5051

i02509663

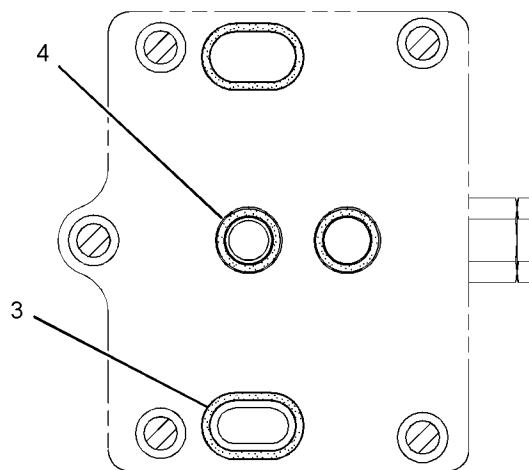
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
Y	1	1	259-7378	1	VALVE GP-CONTROL (AUXILIARY)	495
M	2	1	7I-1026	5	BOLT-SOCKET HEAD (M16X2X130-MM)	
	3	1	4J-8998	2	SEAL-O-RING	
	4	1	1P-3702	2	SEAL-RECTANGULAR	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



TOP VIEW



SECTION A-A

GRAPHIC #1

<END>

g01214142

HYDRAULIC SYSTEM

255-5716 VALVE & MTG GP-CONTROL-AUXILIARY

S/N: A6F1-UP; A8F1-UP

PART OF 259-7495 CONTROL AR-AUXILIARY
AN ATTACHMENT

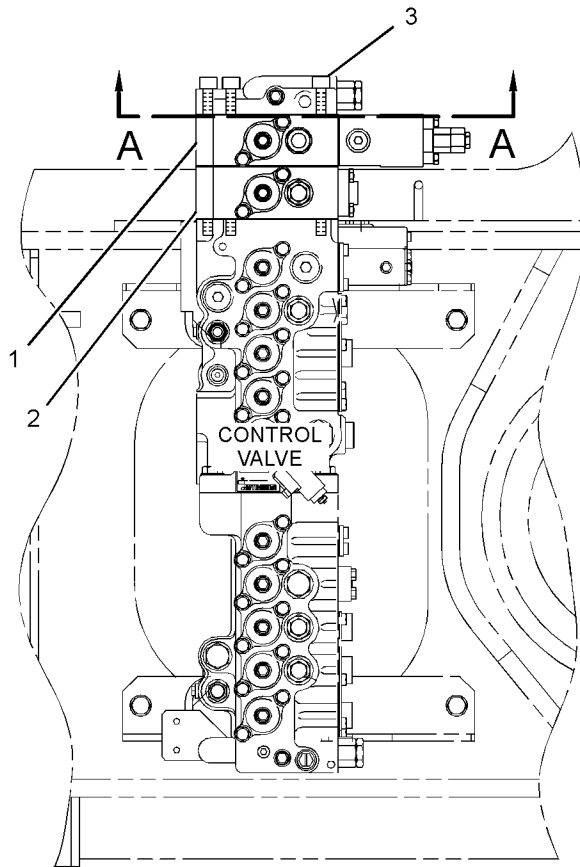
SMCS-5051

i02787696

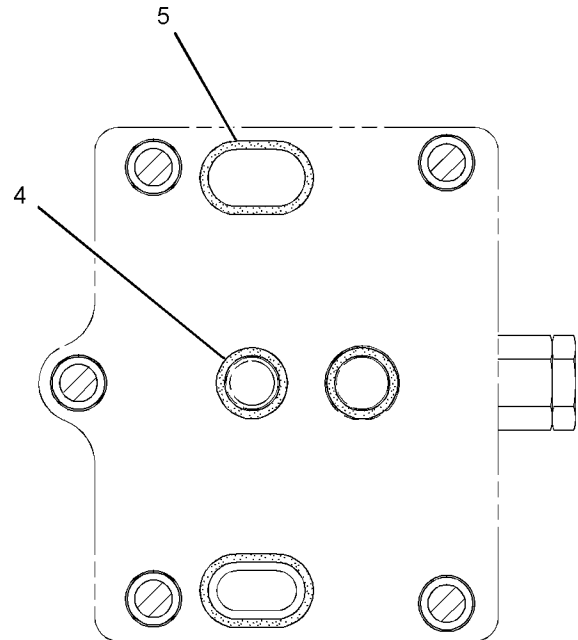
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	244-8419	1	VALVE GP-CONTROL (MEDIUM FLOW)						493
Y	2	1	259-7378	1	VALVE GP-CONTROL (AUXILIARY)						495
M	3	1	7Y-5243	5	BOLT-SOCKET HEAD (M16X2X200-MM)						
	4	1	1P-3702	2	SEAL-RECTANGULAR						
	5	1	4J-8998	2	SEAL-O-RING						

M-METRIC PART

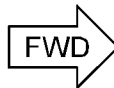
Y-SEPARATE ILLUSTRATION



TOP VIEW



SECTION A-A



<END>

GRAPHIC #1

g01232197

HYDRAULIC SYSTEM

201-9329 VALVE GP - CHECK

S/N: A6F1-UP; A8F1-UP

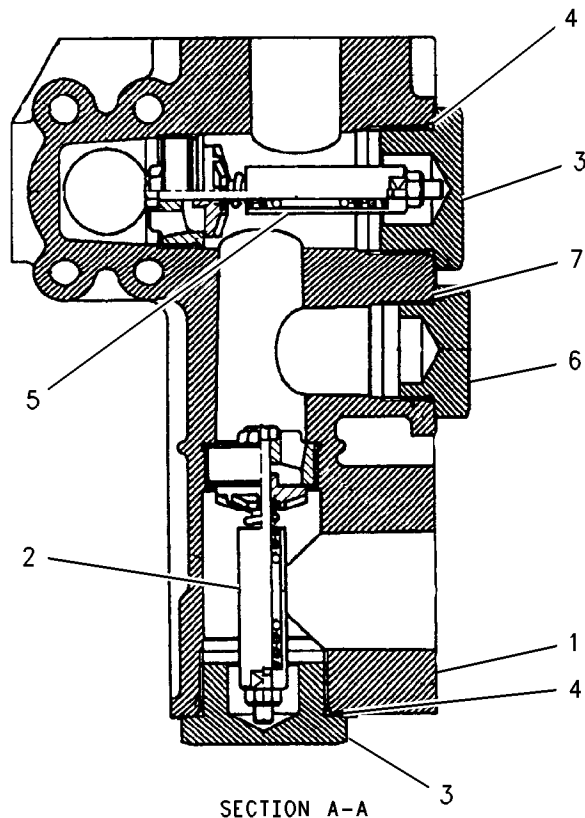
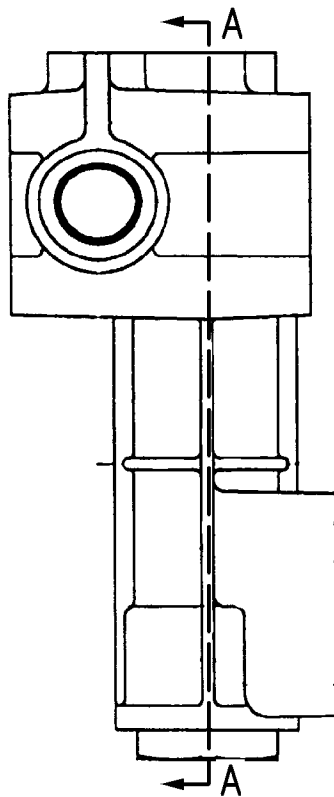
PART OF 297-0462 VALVE GP-CHECK

SMCS-5067

i01889745

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Z	1	1		1	BODY - VALVE						
	2	1	184-3833	1	VALVE AS						
	3	1	190-7826	2	PLUG						
	4	1	095-1547	2	SEAL - O - RING						
	5	1	177-2713	1	VALVE AS						
	6	1	9S-6130	1	PLUG						
	7	1	2S-4078	1	SEAL - O - RING						

Z-NOT SERVICED SEPARATELY



GRAPHIC #1

<END>

g00932225

HYDRAULIC SYSTEM

297 - 0370 VALVE GP - CHECK

S/N: A6F1-UP; A8F1-UP

PART OF 260-8008 LINES GP-FRONT
AN ATTACHMENT

SMCS-5067

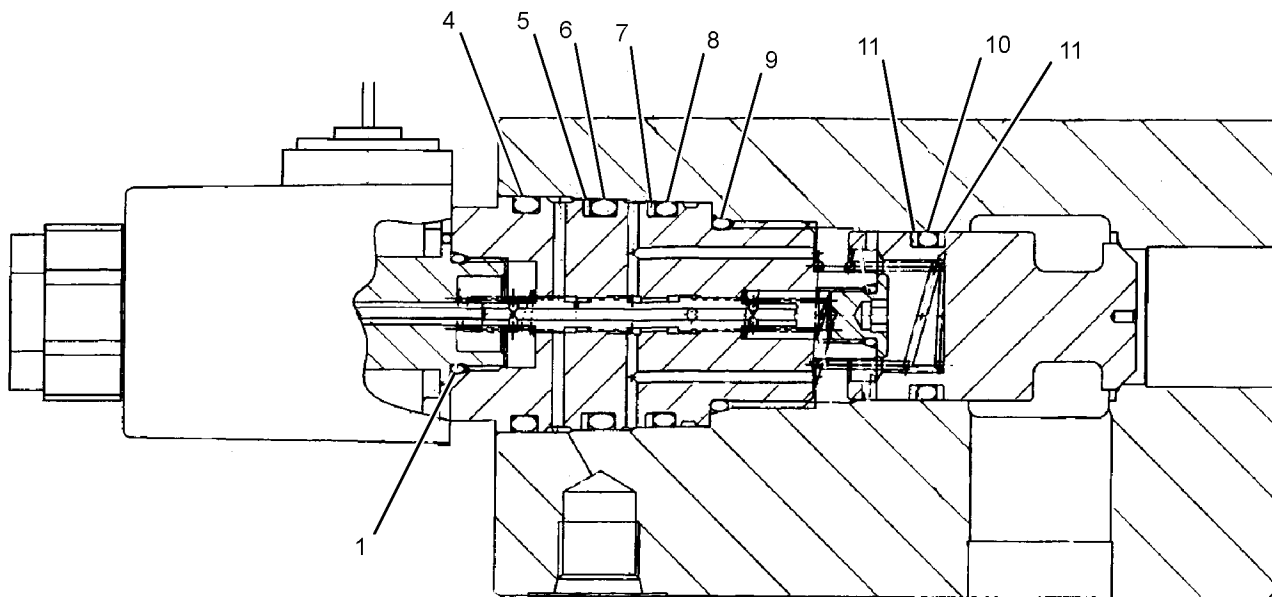
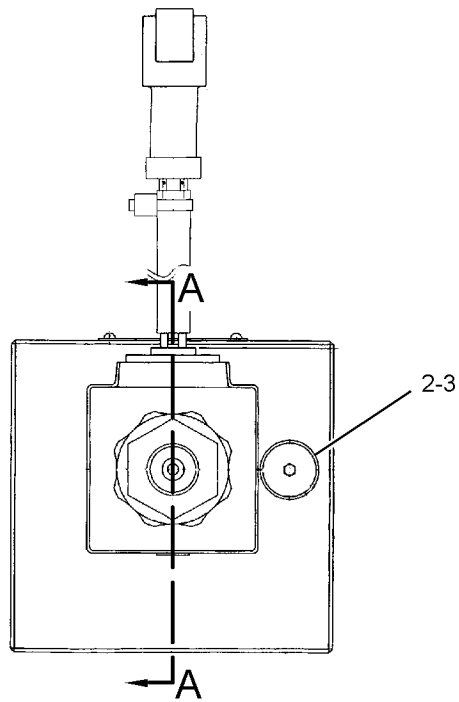
i02787572

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	095-1585	1	SEAL-O-RING						
	2	1	225-4804	3	PLUG						
	3	1	4J-7533	3	SEAL-O-RING						
	4	1	095-1602	1	SEAL-O-RING						
	5	1	232-4113	1	RING						
	6	1	095-1601	1	SEAL-O-RING						
	7	1	8T-3008	1	RING-BACKUP						
	8	1	095-1700	1	SEAL-O-RING						
	9	1	7M-8485	1	SEAL-O-RING						
	10	1	095-1657	1	SEAL-O-RING						
	11	1	232-4114	2	RING						

HYDRAULIC SYSTEM

297-0370 VALVE GP-CHECK (contd.)

i02787572



SECTION A-A

GRAPHIC #1

<END>

g01382946

HYDRAULIC SYSTEM

297-0462 VALVE GP - CHECK

S/N: A6F1-UP; A8F1-UP

PART OF 248-9846 LINES GP-HYDRAULIC OIL COOLER

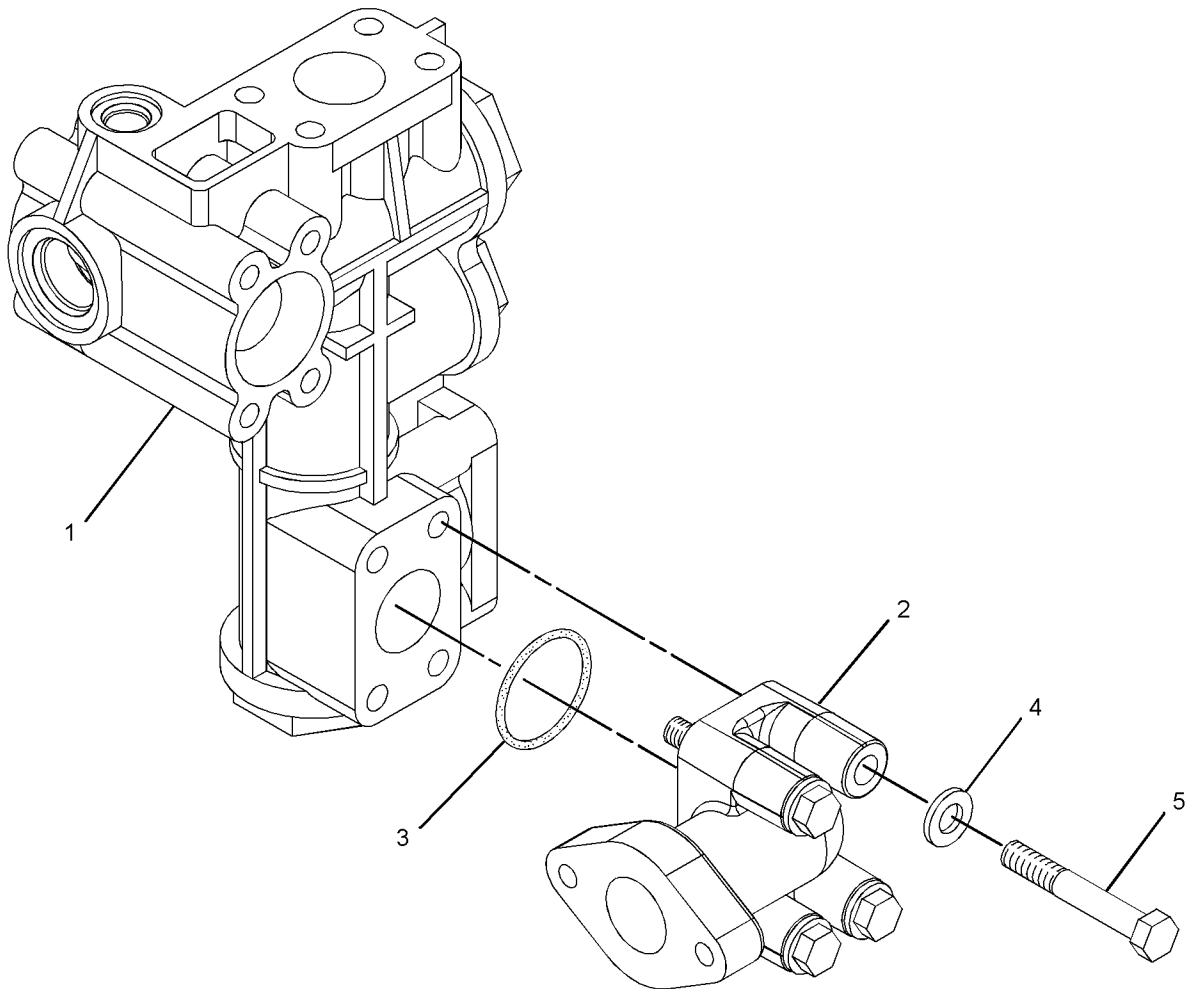
SMCS-5067

i02779289

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	201-9329	1	VALVE GP-CHECK	488
	2	1	204-3796	1	PIPE AS	
	3	1	4J-0524	1	SEAL-O-RING	
	4	1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)	
M	5	1	8T-6868	4	BOLT (M12X1.75X80-MM)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01375856

HYDRAULIC SYSTEM

244-8400 VALVE GP-CONTROL-WITHOUT HOUSINGS

S/N: A6F1-UP; A8F1-UP

PART OF 244-8419, 259-7378 VALVE GP-CONTROL
AN ATTACHMENT

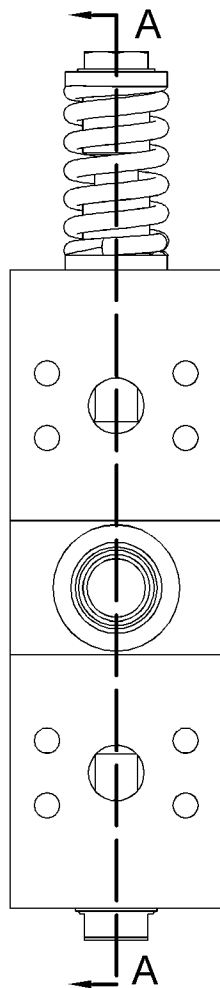
SMCS-5051

i02411027

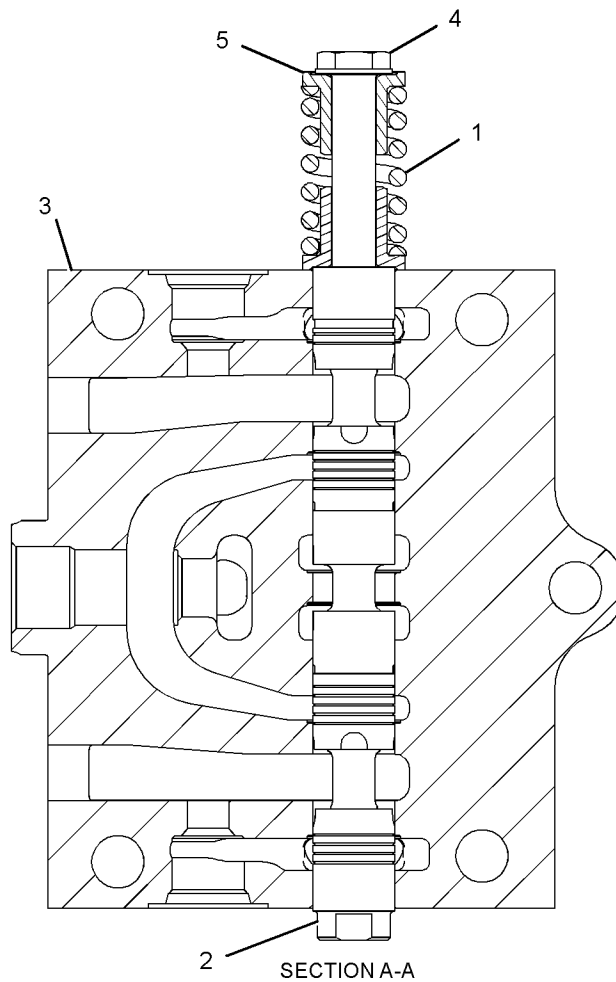
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	104-7293	1	SPRING						
Z	2	1		1	STEM-AUXILIARY						
Z	3	1		1	BLOCK						
M	4	1	153-5276	1	BOLT-SPECIAL (M10X1.5X10-MM)						
	5	1	6E-2271	2	RETAINER						

M-METRIC PART

Z-NOT SERVICED SEPARATELY



GRAPHIC #1



<END>

g01218449

HYDRAULIC SYSTEM

244-8419 VALVE GP-CONTROL-MEDIUM FLOW

S/N: A6F1-UP; A8F1-UP

PART OF 255-5716 VALVE & MTG GP-CONTROL
AN ATTACHMENT

SMCS-5051

i02794858

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	8T-4195	4	BOLT (M10X1.5X30-MM)						
	2	1	4J-8998	2	SEAL-O-RING						
	3	1	6E-5731	1	VALVE (LOAD CHECK)						
	4	1	7I-1248	1	SPRING						
	5	1	158-8159	1	HOUSING						
Y	6	1	165-9473	2	PLUG GP-CONTROL VALVE (AUXILIARY)						472
Y	7	1	185-0490	2	VALVE GP-FLOW CONTROL & RELIEF (MEDIUM FLOW, ROTATOR MOTOR)						515
	8	1	236-6419	1	PLUG						
Y	9	1	244-8400	1	VALVE GP-CONTROL (WITHOUT COVERS, HOUSINGS)						492
	10	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
	11	1	095-1590	1	SEAL-O-RING						
	12	1	095-1787	1	RING-BACKUP						
	13	1	1P-3702	2	SEAL-RECTANGULAR						
	14	1	4J-5267	2	SEAL-O-RING						
	15	1	6E-2274	1	COVER						
	16	1	6V-5597	2	SEAL-O-RING						
M	17	1	7X-2545	8	BOLT (M10X1.5X150-MM)						

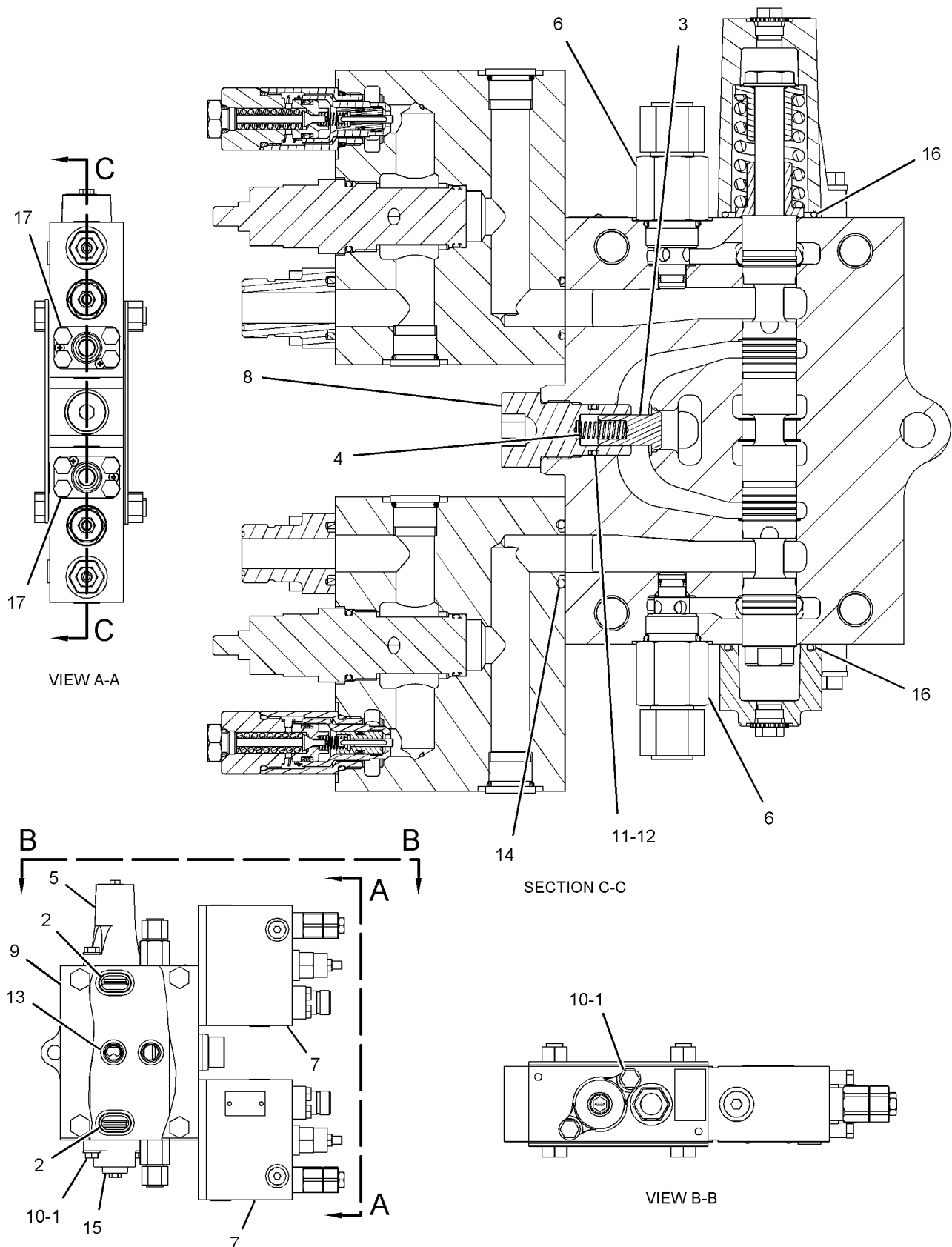
M-METRIC PART

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

244-8419 VALVE GP-CONTROL (contd.)

i02794858



GRAPHIC #1

<END>

g01232090

HYDRAULIC SYSTEM

259-7378 VALVE GP-CONTROL-AUXILIARY

S/N: A6F1-UP; A8F1-UP

PART OF 255-5713, 255-5716 VALVE & MTG GP-CONTROL
AN ATTACHMENT

SMCS-5051

i02509673

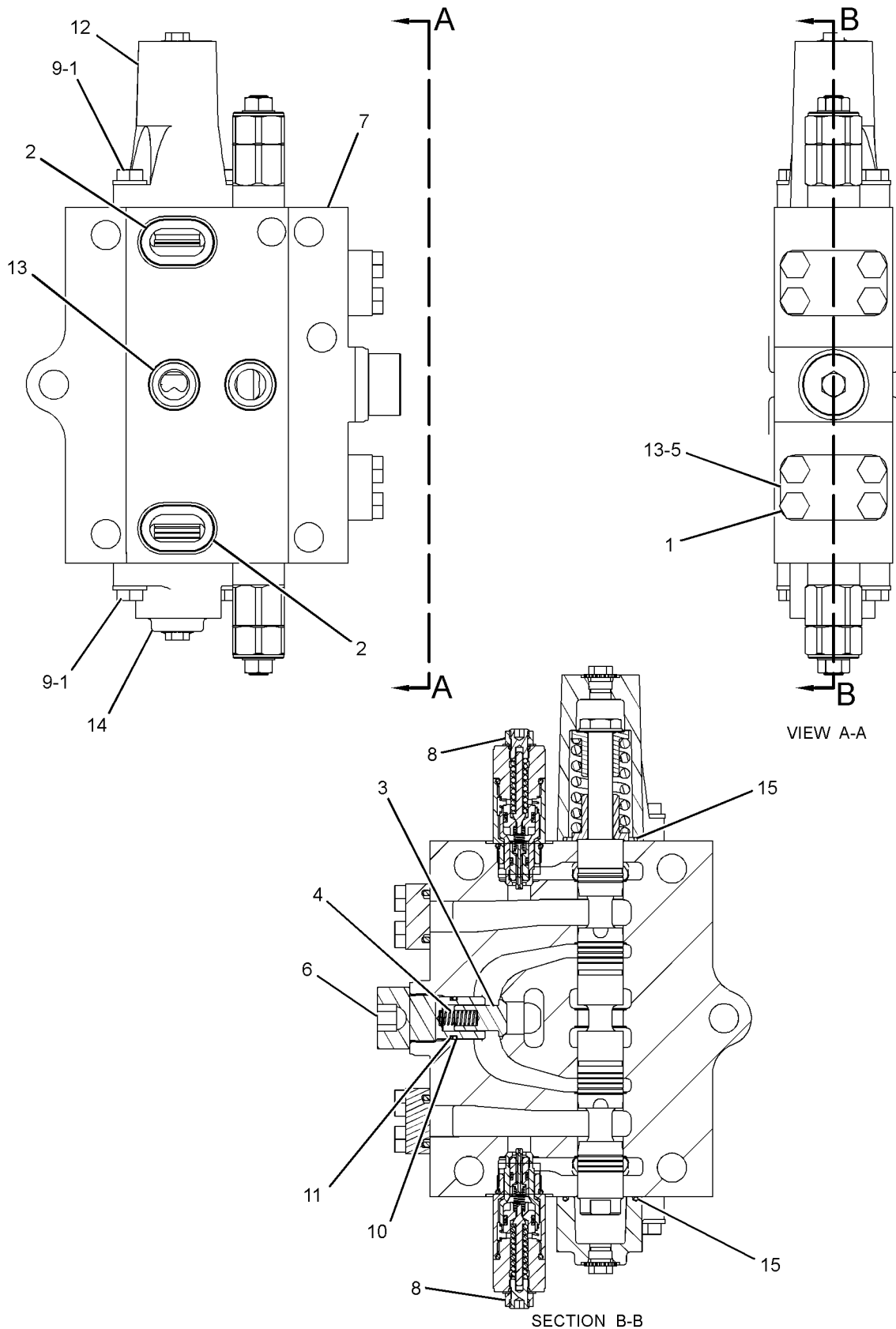
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	8T-4195	12	BOLT (M10X1.5X30-MM)						
	2	1	4J-8998	2	SEAL-O-RING						
	3	1	6E-5731	1	VALVE (LOAD CHECK)						
	4	1	7I-1248	1	SPRING						
	5	1	171-0150	2	COVER						
	6	1	236-6419	1	PLUG						
Y	7	1	244-8400	1	VALVE GP-CONTROL (WITHOUT COVERS, HOUSINGS)						492
Y	8	1	255-5661	2	VALVE GP-RELIEF (LINE) (AUXILIARY)						545
	9	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
	10	1	095-1590	1	SEAL-O-RING						
	11	1	095-1787	1	RING-BACKUP						
	12	1	158-8159	1	HOUSING						
	13	1	1P-3702	4	SEAL-RECTANGULAR						
	14	1	6E-2274	1	COVER						
	15	1	6V-5597	2	SEAL-O-RING						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

259-7378 VALVE GP-CONTROL (contd.)

i02509673



GRAPHIC #1

<END>

g01219416

HYDRAULIC SYSTEM

259-7465 VALVE GP-CONTROL

S/N: A6F1-UP; A8F1-UP

PART OF 259-7464, 259-7602 VALVE GP-MAIN CONTROL
ALSO AN ATTACHMENT

SMCS-5051

i02780298

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	6E-2274	5	COVER	
	2	1,2	6E-5731	4	VALVE (LOAD CHECK)	
	3	1,2	7I-1248	5	SPRING	
	4	2	153-5286	1	VALVE (LOAD CHECK)	
	5	1	153-5288	1	SPRING	
	6	1	153-5289	1	GUIDE	
	7	1	153-5290	1	PLUG	
	8	1	153-5291	1	CONNECTOR	
	9	1	153-5292	1	VALVE-CHECK	
	10	1	153-5293	1	SPRING	
	11	1	158-8159	5	HOUSING	
	12	1,2	236-6419	5	PLUG	
	13	1	236-6421	1	PLUG	
Y	14	2	255-5661	3	VALVE GP-RELIEF (LINE)	545
Y	15	1	259-7631	1	VALVE GP-CONTROL (WITHOUT COVERS, HOUSINGS)	505
	16	1,2	095-1590	5	SEAL-O-RING	
	17	1,2	095-1787	5	RING-BACKUP	
Y	18	1	109-5152	1	VALVE GP-RELIEF (NEGATIVE FLOW CONTROL)	534
	19	1	111-9959	1	PLUG-PIPE	
	20	1	2M-9780	1	SEAL-O-RING	
	21	1	4I-6397	1	RING-BACKUP	
	22	2	4J-0520	2	SEAL-O-RING	
Y	23	2	6E-4816	2	PLUG GP-CONTROL VALVE	470
	24	1	6V-3922	1	SEAL-O-RING	
	25	2	6V-5597	10	SEAL-O-RING	
	26	1	7M-8485	1	SEAL-O-RING	
	27	2	7Y-8099	2	COVER	
	28	1	8T-4121	20	WASHER-HARD (11X21X2.5-MM THK)	
M	29	1,2	8T-4195	28	BOLT (M10X1.5X30-MM)	

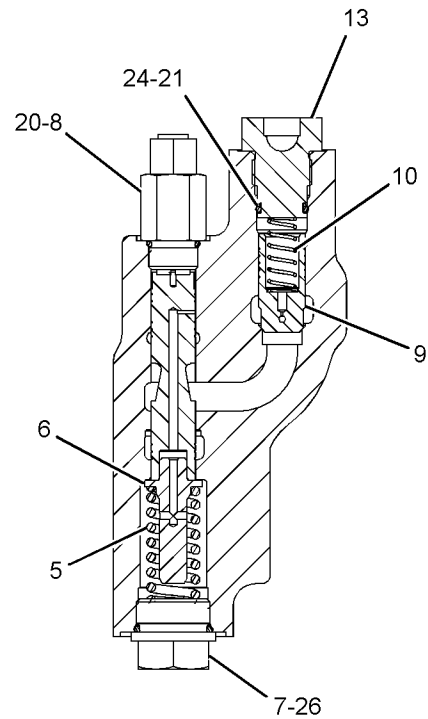
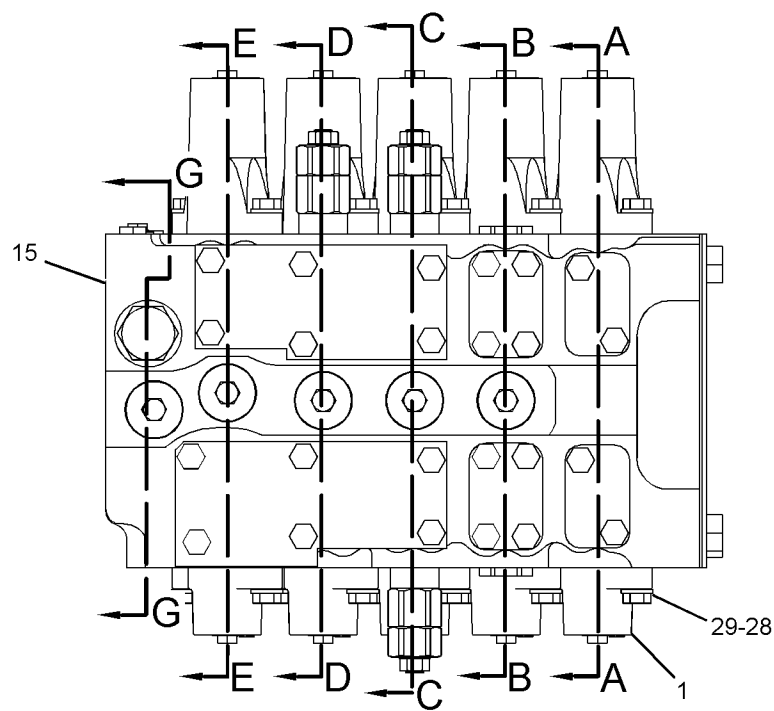
M-METRIC PART

Y-SEPARATE ILLUSTRATION

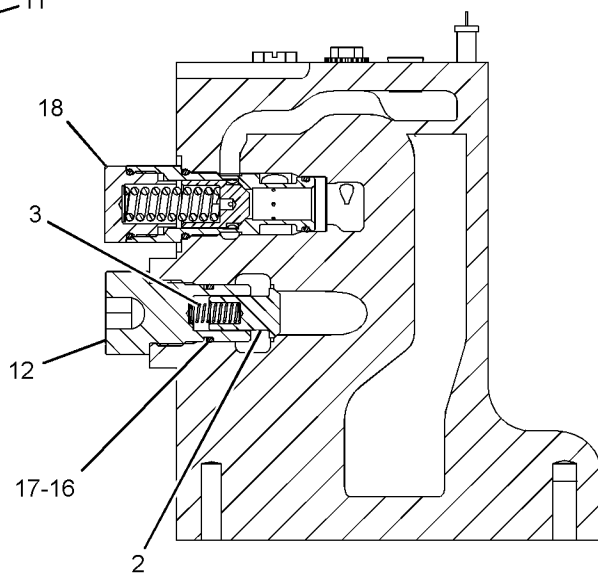
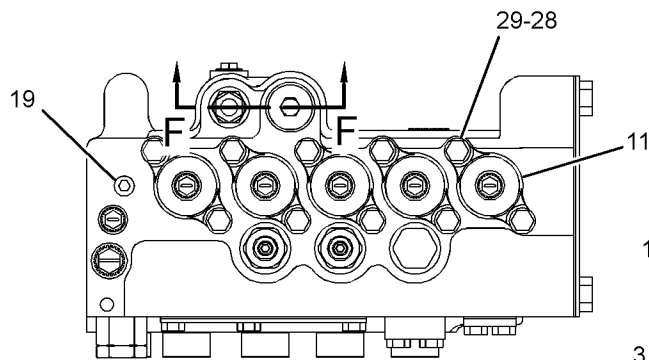
HYDRAULIC SYSTEM

259-7465 VALVE GP-CONTROL (contd.)

i02780298



SECTION F-F



SECTION G-G

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

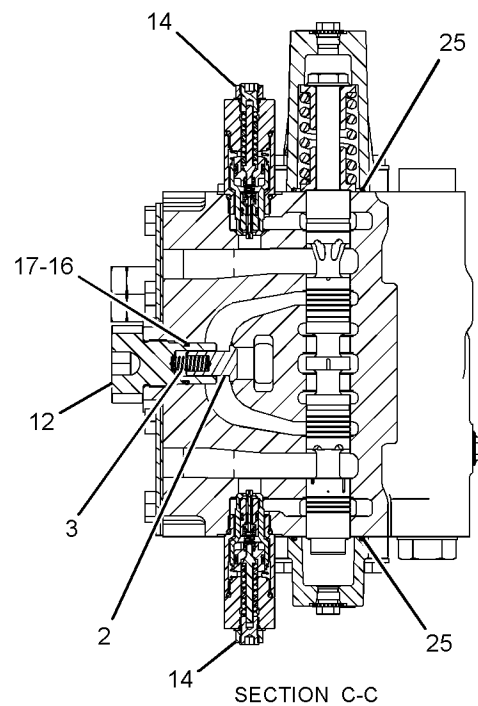
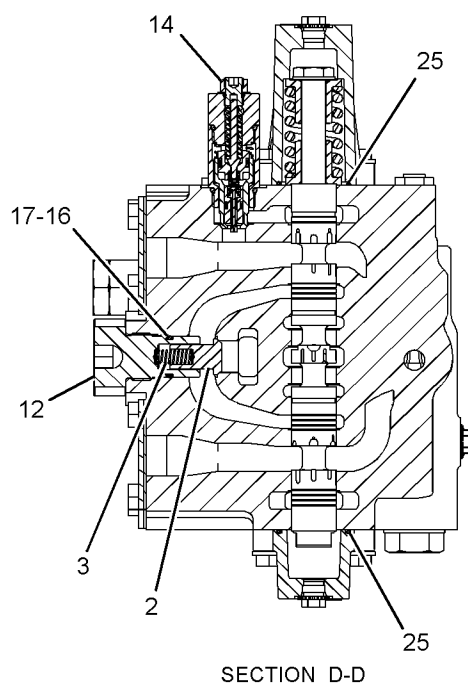
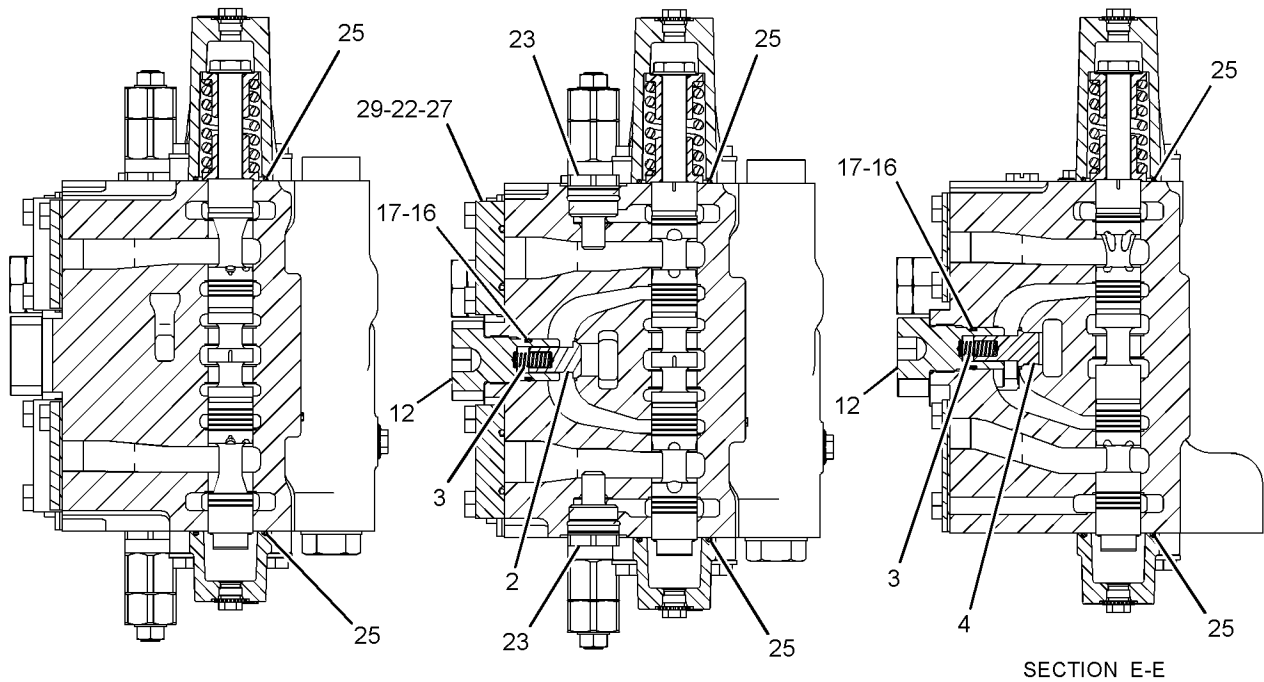
GRAPHIC #1

g01226704

HYDRAULIC SYSTEM

259-7465 VALVE GP-CONTROL (contd.)

i02780298



GRAPHIC #2

<END>

g01226719

HYDRAULIC SYSTEM

259-7466 VALVE GP-CONTROL

S/N: A6F1-UP; A8F1-UP

PART OF 259-7464 VALVE GP-MAIN CONTROL

SMCS-5051

i02780538

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2, 3	4T-3148	3	SPRING	
	2	1	6E-2274	5	COVER	
	3	3	6E-5169	1	SPRING	
	4	2, 3	6E-5643	3	VALVE	
	5	2	7I-1248	1	SPRING	
Y	6	1	121-1491	1	VALVE GP-SOLENOID (STRAIGHT TRAVEL)	554
	7	3	153-5288	1	SPRING	
	8	3	153-5289	1	GUIDE	
	9	3	153-5290	2	PLUG	
	10	3	153-5291	1	CONNECTOR	
	11	3	153-5292	1	VALVE-CHECK	
	12	3	153-5293	1	SPRING	
Y	13	2	153-5295	1	VALVE GP-PRIORITY (SWING)	532
	14	2	153-5298	1	SLEEVE	
	15	2	153-5299	1	VALVE	
	16	2	153-5306	1	SPRING	
	17	3	153-5309	1	SLEEVE	
	18	3	153-5311	1	SPRING	
	19	3	158-8150	1	VALVE GP-UNLOADING	
	20	1	158-8159	4	HOUSING	
	21	1	158-8206	1	HOUSING	
	22	3	158-8207	1	STOPPER	
	23	2	165-9595	1	COVER	
	24	3	201-9263	2	PLUG	
	25	2	222-4737	3	PLUG AS	
					(EACH INCLUDES)	
		2	4J-7533	1	SEAL-O-RING	
		2	9S-4180	1	PLUG (5/16-24-THD)	
	26	2	236-6419	1	PLUG	
	27	3	236-6421	1	PLUG	
	28	2	250-2446	1	PLUG	
	29	3	250-2447	1	PLUG	
Y	30	3	255-5660	1	VALVE GP-RELIEF (MAIN)	544
Y	31	2	255-5661	1	VALVE GP-RELIEF (LINE)	545
Y	32	1	259-7632	1	VALVE GP-CONTROL (WITHOUT COVERS, HOUSINGS)	507
	33	2	264-9961	1	PLUG	
	34	3	095-1575	1	SEAL-O-RING	
	35	2, 3	095-1590	3	SEAL-O-RING	
	36	3	095-1603	1	SEAL-O-RING	
	37	3	095-1778	1	RING-BACKUP	
	38	2, 3	095-1787	3	RING-BACKUP	
	39	2	103-8173	1	SEAL-O-RING	
	40	3	103-8177	1	ADAPTER	
	41	3	123-2485	1	PLUG	
	42	3	2M-9780	1	SEAL-O-RING	
	43	3	3J-1907	1	SEAL-O-RING	
	44	1	4I-3569	1	RING-BACKUP	
	45	3	4I-6397	3	RING-BACKUP	
	46	2	4J-5309	1	SEAL-O-RING	
	47	2	4T-5074	1	RING-BACKUP	
	48	1	6E-3653	1	PLUG	
	49	2	6E-5731	1	VALVE (LOAD CHECK)	
	50	3	6V-3922	3	SEAL-O-RING	
	51	3	6V-5393	1	SEAL-O-RING	
	52	2	6V-5556	1	SEAL-O-RING	
	53	2, 3	6V-5597	9	SEAL-O-RING	

HYDRAULIC SYSTEM

259-7466 VALVE GP-CONTROL (contd.)

i02780538

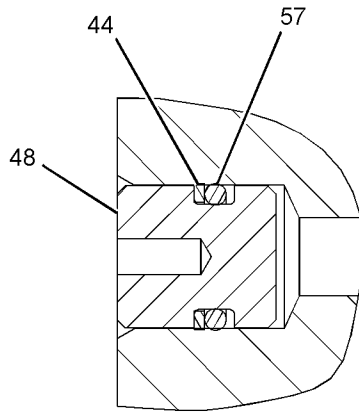
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	54	1	7I-2272	2	BOLT (M5X0.8X12-MM)						
	55	3	7M-8485	2	SEAL-O-RING						
M	56	2	7X-2621	1	BOLT (M10X1.5X12-MM)						
	57	1	7Y-5219	1	SEAL-O-RING						
	58	1,2	8T-4121	24	WASHER-HARD (11X21X2.5-MM THK)						
M	59	1	8T-4195	20	BOLT (M10X1.5X30-MM)						
M	60	2	8T-6685	4	BOLT (M10X1.5X110-MM)						
	61	1	8T-6759	2	PLUG-PIPE						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

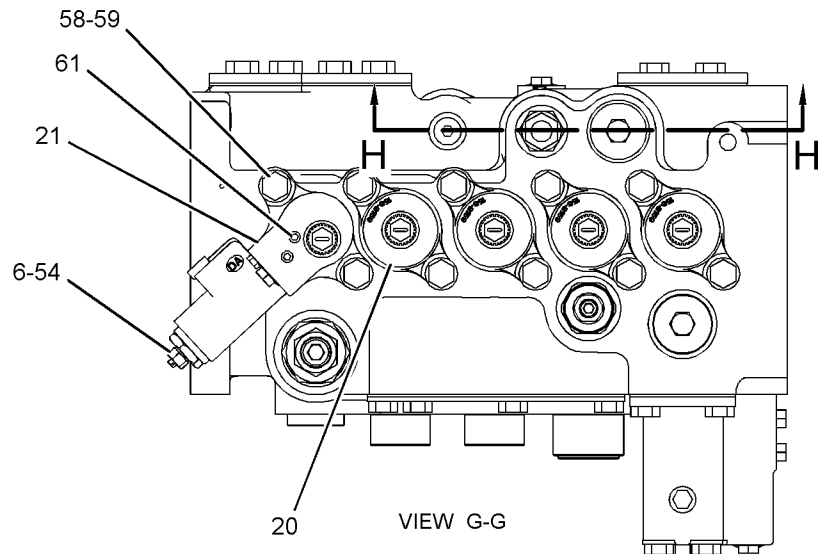
HYDRAULIC SYSTEM

259-7466 VALVE GP-CONTROL (contd.)

i02780538

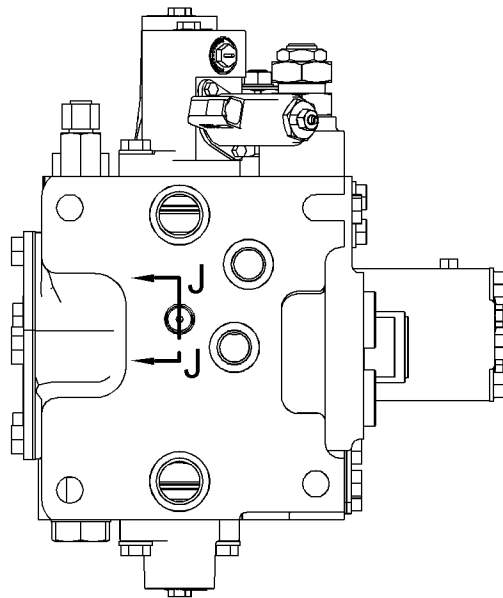


SECTION J-J

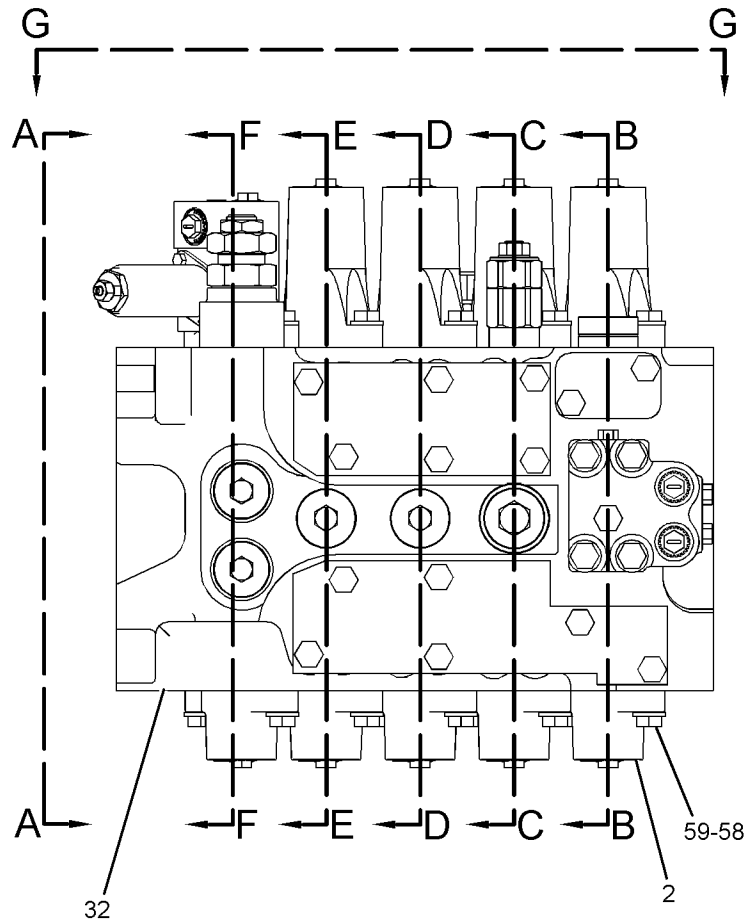


VIEW G-G

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



VIEW A-A



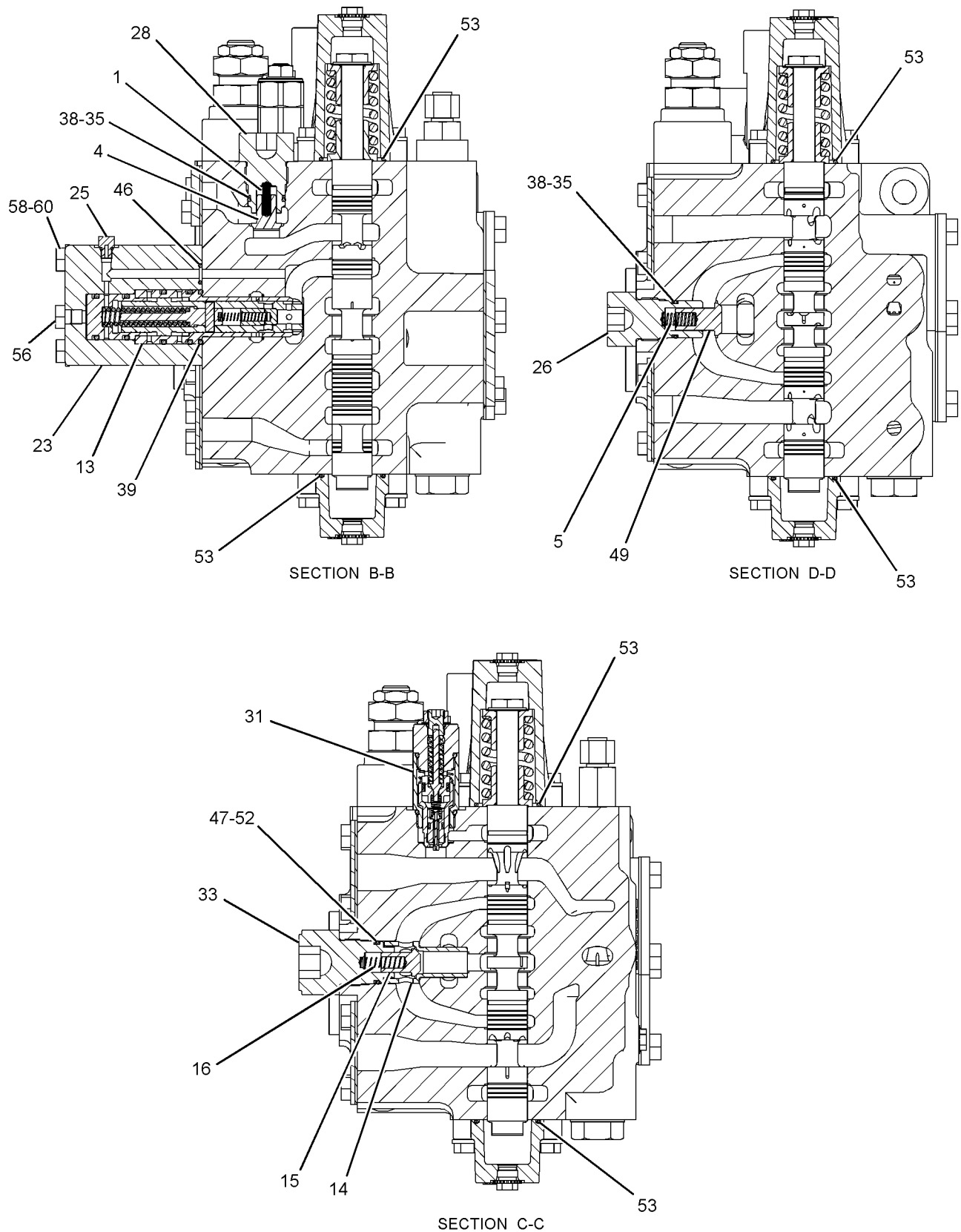
GRAPHIC #1

g01228544

HYDRAULIC SYSTEM

259-7466 VALVE GP-CONTROL (contd.)

i02780538



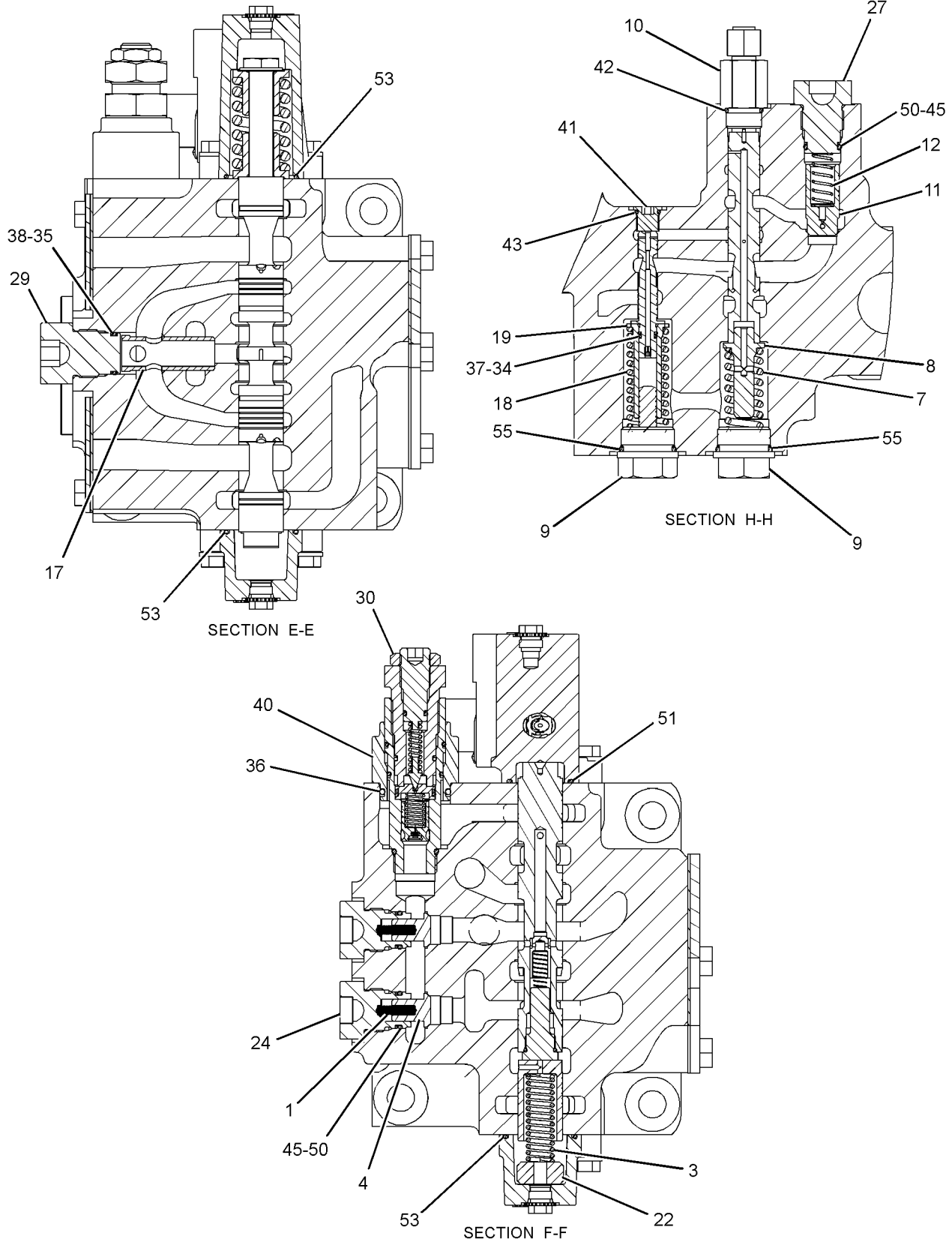
GRAPHIC #2

g01228546

HYDRAULIC SYSTEM

259-7466 VALVE GP-CONTROL (contd.)

i02780538



GRAPHIC #3

<END>

g01228547

HYDRAULIC SYSTEM

259-7631 VALVE GP-CONTROL-WITHOUT COVERS, HOUSINGS

S/N: A6F1-UP; A8F1-UP

PART OF 259-7465 VALVE GP-CONTROL
ALSO AN ATTACHMENT

SMCS-5051

i02780531

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6E-2271	10	RETAINER						
	2	1	104-7293	3	SPRING						
	3	1	104-7294	1	SPRING						
	4	1	104-7296	1	SPRING						
Z	5	1		1	STEM-AUXILIARY						
Z	6	1		1	STEM-TRAVEL						
Z	7	1		1	STEM (BOOM DOWN)						
Z	8	1		1	BODY-VALVE						
Z	9	1		1	STEM-BUCKET						
Z	10	1		1	STEM-STICK						
Z	11	1		1	STEM-BOOM						
M	12	1	153-5276	5	BOLT-SPECIAL (M10X1.5X10-MM)						

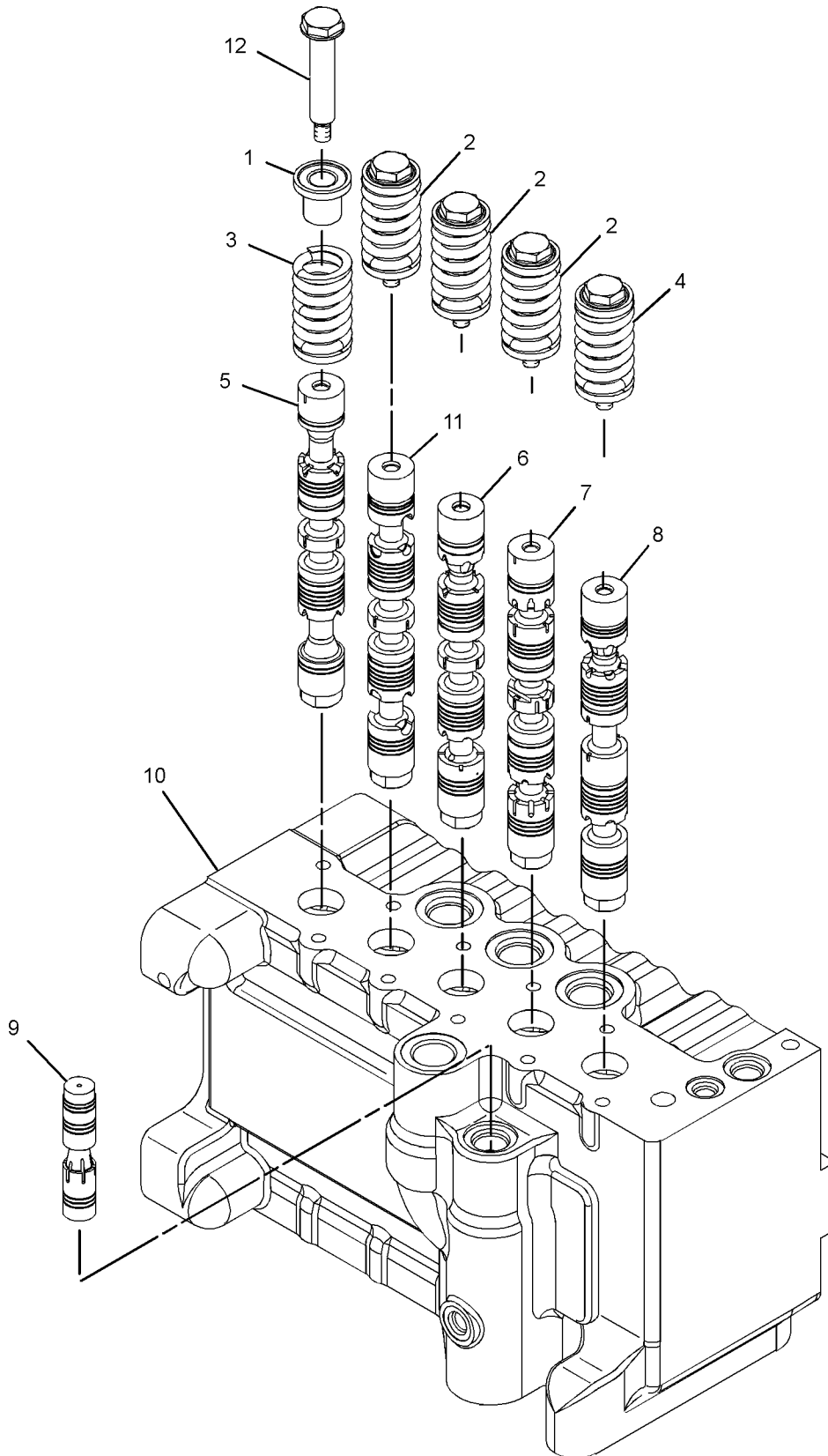
M-METRIC PART

Z-NOT SERVICED SEPARATELY

HYDRAULIC SYSTEM

259-7631 VALVE GP-CONTROL (contd.)

i02780531



GRAPHIC #1

<END>

g01230843

HYDRAULIC SYSTEM

259 - 7632 VALVE GP - CONTROL—WITHOUT COVERS, HOUSINGS

S/N: A6F1-UP; A8F1-UP

PART OF 259-7466, 259-7662 VALVE GP-CONTROL

ALSO AN ATTACHMENT

SMCS-5051

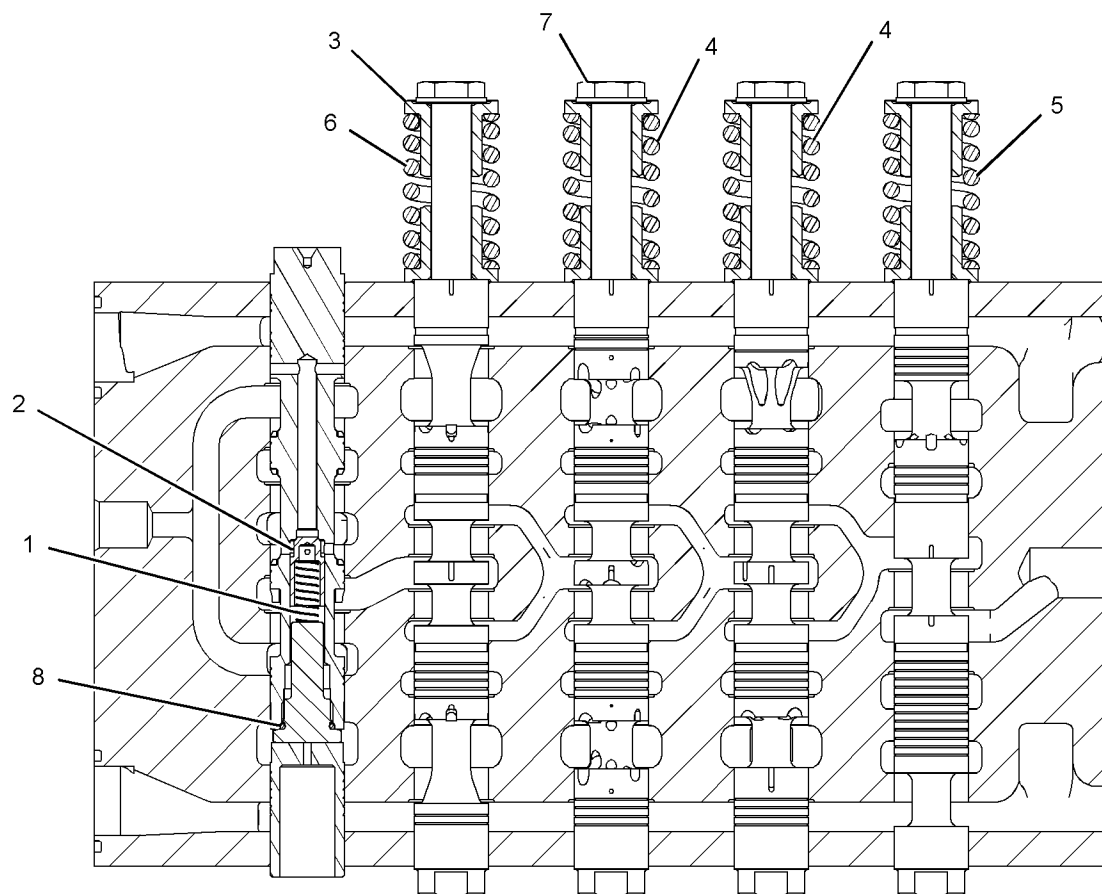
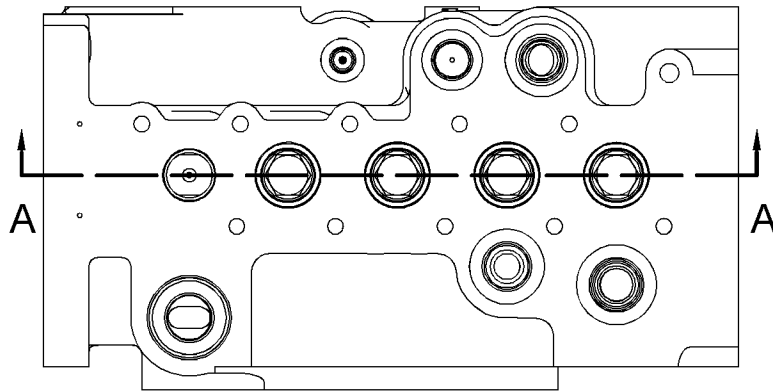
i02780525

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	2S-2596	1	SPRING	
	2	1	6E-2163	1	VALVE-CHECK	
	3	1	6E-2271	8	RETAINER	
	4	1	104-7293	2	SPRING	
	5	1	104-7294	1	SPRING	
	6	1	104-7296	1	SPRING	
M	7	1	153-5276	4	BOLT-SPECIAL (M10X1.5X10-MM)	
	8	1	3K-0360	1	SEAL-O-RING	
M-METRIC PART						

HYDRAULIC SYSTEM

259-7632 VALVE GP-CONTROL (contd.)

i02780525



SECTION A-A

GRAPHIC #1

<END>

g01392500

HYDRAULIC SYSTEM

259-7662 VALVE GP-CONTROL-HEAVY LIFT

S/N: A6F1-UP; A8F1-UP

PART OF 259-7602 VALVE GP-MAIN CONTROL
AN ATTACHMENT

SMCS-5051

i02780397

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2, 3	4T-3148	3	SPRING	
	2	1	6E-2274	5	COVER	
	3	3	6E-5169	1	SPRING	
	4	2, 3	6E-5643	3	VALVE	
	5	2	7I-1248	1	SPRING	
Y	6	1	121-1491	1	VALVE GP-SOLENOID (STRAIGHT TRAVEL)	554
	7	3	153-5288	1	SPRING	
	8	3	153-5289	1	GUIDE	
	9	3	153-5290	2	PLUG	
	10	3	153-5291	1	CONNECTOR	
	11	3	153-5292	1	VALVE-CHECK	
	12	3	153-5293	1	SPRING	
Y	13	2	153-5295	1	VALVE GP-PRIORITY (SWING)	532
	14	2	153-5298	1	SLEEVE	
	15	2	153-5299	1	VALVE	
	16	2	153-5306	1	SPRING	
	17	3	153-5309	1	SLEEVE	
	18	3	153-5311	1	SPRING	
	19	3	158-8150	1	VALVE GP-UNLOADING	
	20	1	158-8159	4	HOUSING	
	21	1	158-8206	1	HOUSING	
	22	3	158-8207	1	STOPPER	
	23	2	165-9595	1	COVER	
	24	3	201-9263	2	PLUG	
	25	2	222-4737	3	PLUG AS	
					(EACH INCLUDES)	
		2	4J-7533	1	SEAL-O-RING	
		2	9S-4180	1	PLUG (5/16-24-THD)	
	26	2	236-6419	1	PLUG	
	27	3	236-6421	1	PLUG	
Y	28	3	239-8774	1	VALVE GP-RELIEF (MAIN, HEAVY LIFT)	542
	29	2	250-2446	1	PLUG	
	30	3	250-2447	1	PLUG	
Y	31	2	255-5661	1	VALVE GP-RELIEF (LINE)	545
Y	32	1	259-7632	1	VALVE GP-CONTROL (WITHOUT COVERS, HOUSINGS)	507
	33	2	264-9961	1	PLUG	
	34	3	095-1575	1	SEAL-O-RING	
	35	2, 3	095-1590	3	SEAL-O-RING	
	36	3	095-1603	1	SEAL-O-RING	
	37	3	095-1778	1	RING-BACKUP	
	38	2, 3	095-1787	3	RING-BACKUP	
	39	2	103-8173	1	SEAL-O-RING	
	40	3	103-8177	1	ADAPTER	
	41	3	123-2485	1	PLUG	
	42	3	2M-9780	1	SEAL-O-RING	
	43	3	3J-1907	1	SEAL-O-RING	
	44	1	4I-3569	1	RING-BACKUP	
	45	3	4I-6397	3	RING-BACKUP	
	46	2	4J-5309	1	SEAL-O-RING	
	47	2	4T-5074	1	RING-BACKUP	
	48	1	6E-3653	1	PLUG	
	49	2	6E-5731	1	VALVE (LOAD CHECK)	
	50	3	6V-3922	3	SEAL-O-RING	
	51	3	6V-5393	1	SEAL-O-RING	
	52	2	6V-5556	1	SEAL-O-RING	

HYDRAULIC SYSTEM

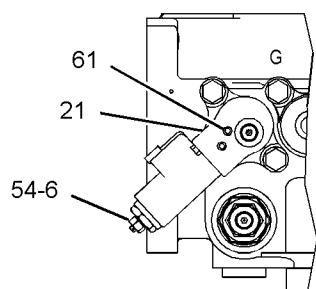
259-7662 VALVE GP-CONTROL (contd.)

i02780397

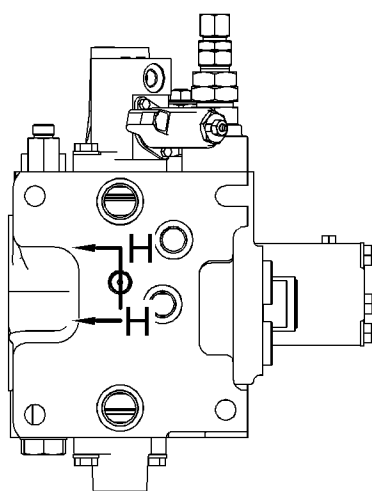
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	53	2, 3	6V-5597	9	SEAL-O-RING						
M	54	1	7I-2272	2	BOLT (M5X0.8X12-MM)						
	55	3	7M-8485	2	SEAL-O-RING						
M	56	2	7X-2621	1	BOLT (M10X1.5X12-MM)						
	57	1	7Y-5219	1	SEAL-O-RING						
	58	1, 2	8T-4121	24	WASHER-HARD (11X21X2.5-MM THK)						
M	59	1	8T-4195	20	BOLT (M10X1.5X30-MM)						
M	60	2	8T-6685	4	BOLT (M10X1.5X110-MM)						
	61	1	8T-6759	2	PLUG-PIPE						

M-METRIC PART

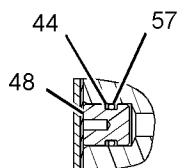
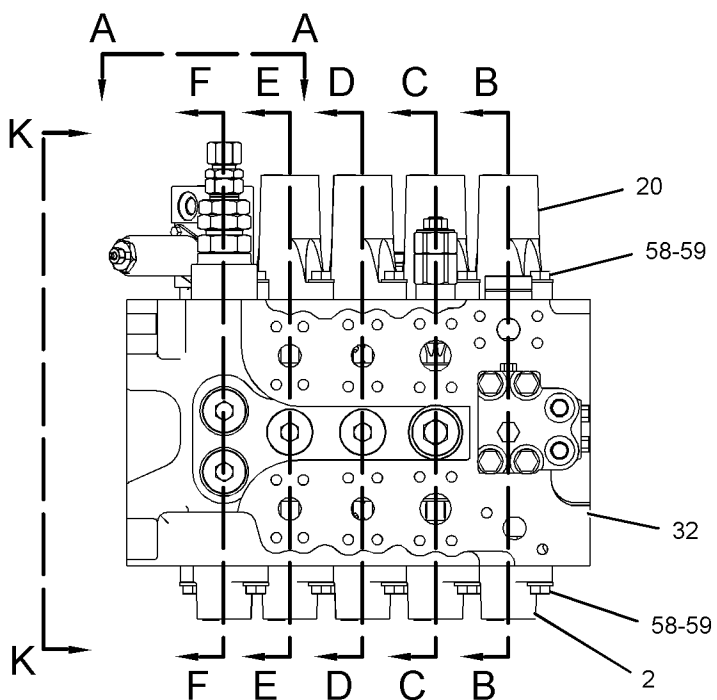
Y-SEPARATE ILLUSTRATION



VIEW A-A



VIEW K-K



SECTION H-H

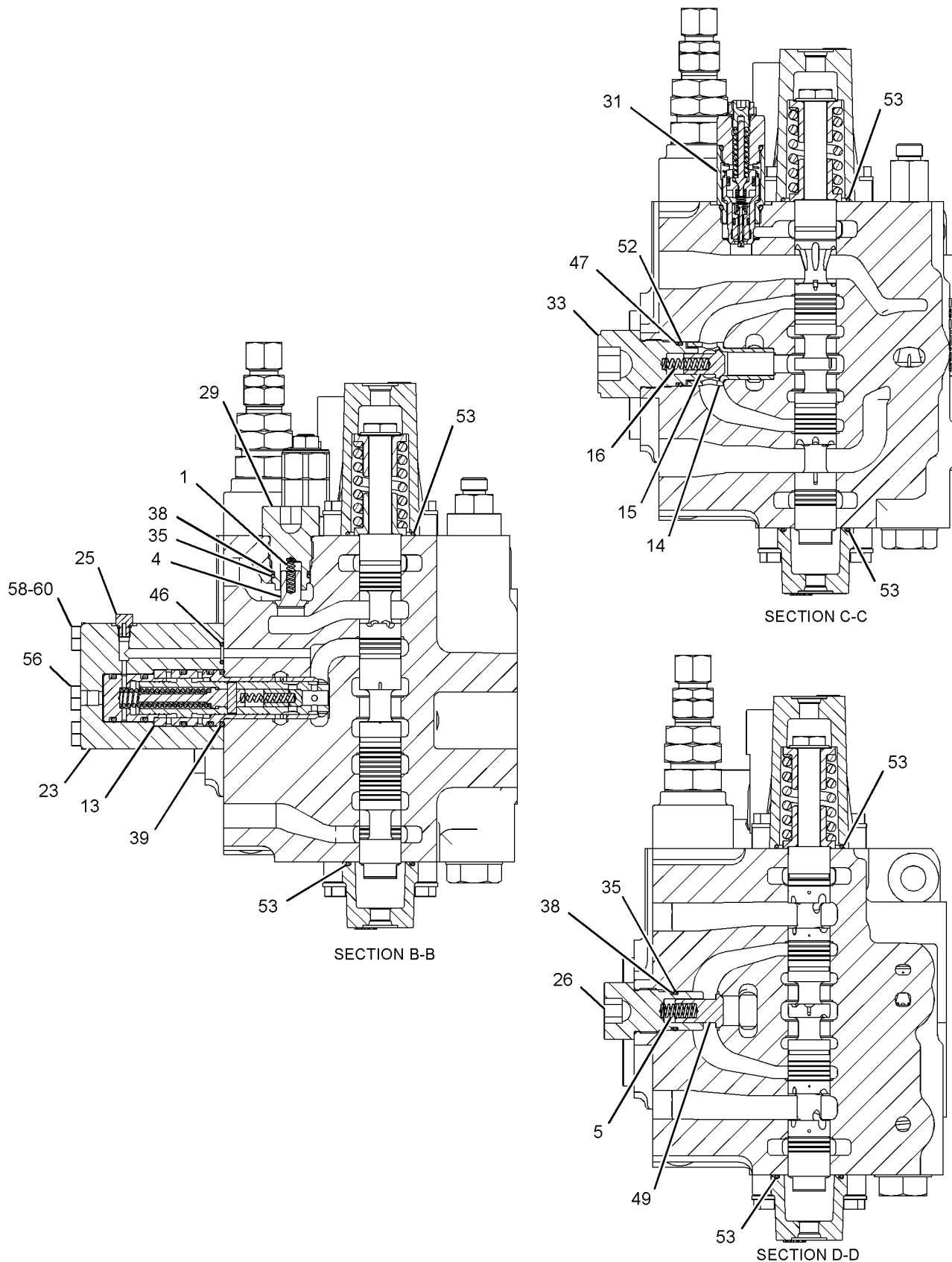
GRAPHIC #1

g01224123

HYDRAULIC SYSTEM

259-7662 VALVE GP-CONTROL (contd.)

i02780397



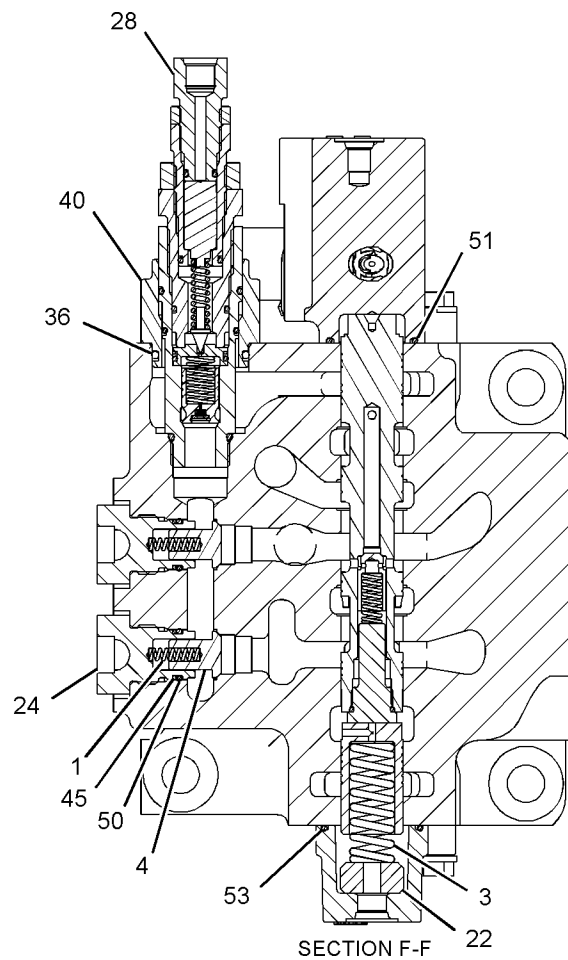
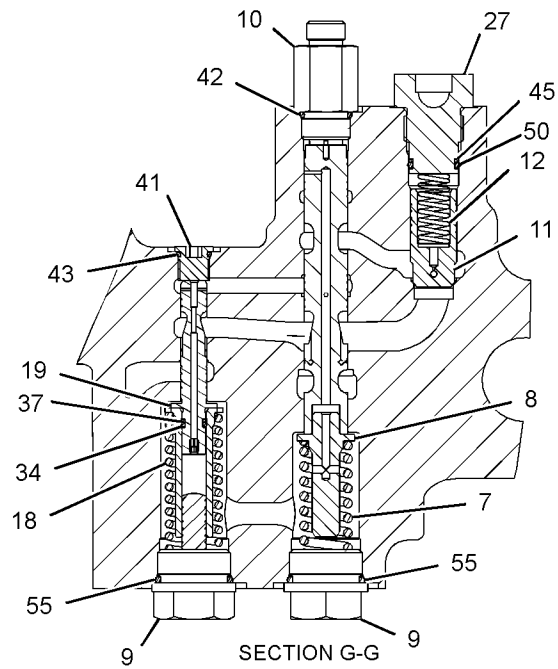
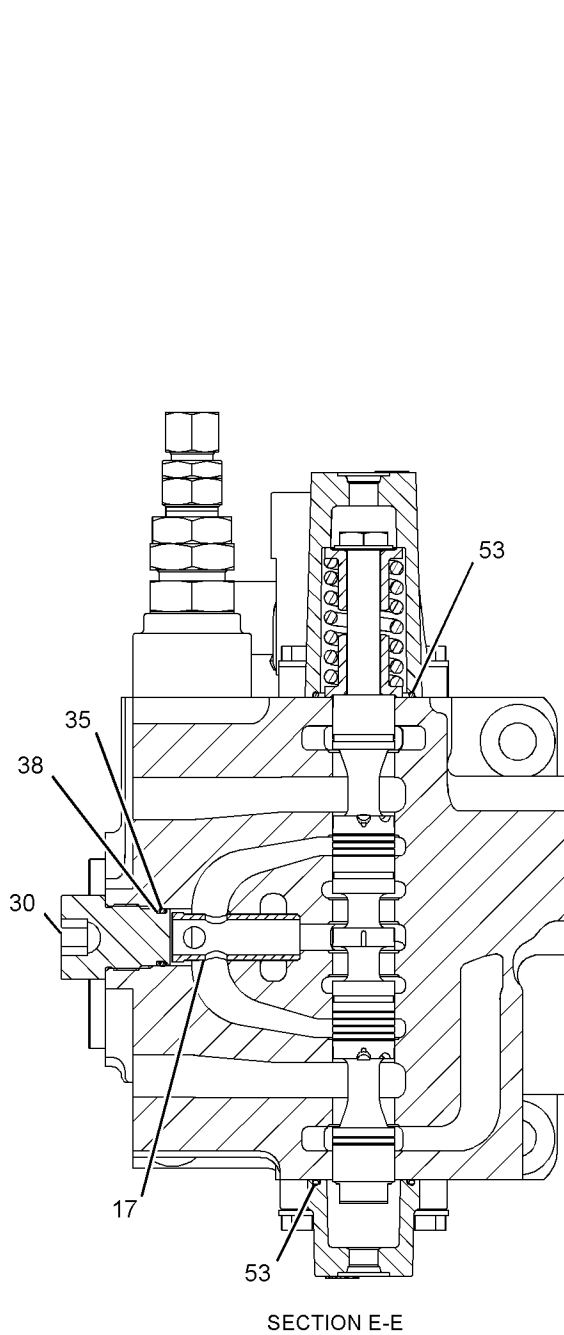
GRAPHIC #2

g01224127

HYDRAULIC SYSTEM

259-7662 VALVE GP-CONTROL (contd.)

i02780397



GRAPHIC #3

<END>

g01224129

HYDRAULIC SYSTEM

254-3080 VALVE GP-COUPLER-QUICK COUPLER

S/N: A6F1-UP; A8F1-UP

PART OF 275-1409 LINES GP-FRONT
AN ATTACHMENT

SMCS-5491

i02663296

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	287-2352	1	RETAINER-SPRING						
	2	1	6E-5438	1	SPRING						
	3	1	6E-5439	1	SPRING						
Y	4	1	121-1491	1	VALVE GP-SOLENOID (QUICK COUPLER)						554
	5	1	247-7587	2	VALVE GP-PRESSURE REDUCING (QUICK COUPLER)						
					(EACH INCLUDES)						
		1	172-4432	1	KIT-SEAL (QUICK COUPLER)						
Z	6	1		1	BODY-VALVE						
Z	7	1		1	STEM						
	8	1	148-8407	2	PLUG AS						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL-O-RING						
		1	9S-4191	1	PLUG-O-RING						
	9	1	4J-5267	1	SEAL-O-RING						
	10	1	6E-2313	1	COVER						
	11	1	6E-5431	5	SHIM (0.5-MM THK)						
	12	1	6E-5434	1	HOUSING-PILOT						
M	13	1	7I-2272	2	BOLT (M5X0.8X12-MM)						
	14	1	8F-0212	1	SEAL-O-RING						
M	15	1	8T-4195	2	BOLT (M10X1.5X30-MM)						
	16	1	8T-4224	2	WASHER-HARD (8.8X16X2-MM THK)						
	17	1	8T-6759	12	PLUG-PIPE						
M	18	1	8T-6870	2	BOLT (M8X1.25X70-MM)						

M-METRIC PART

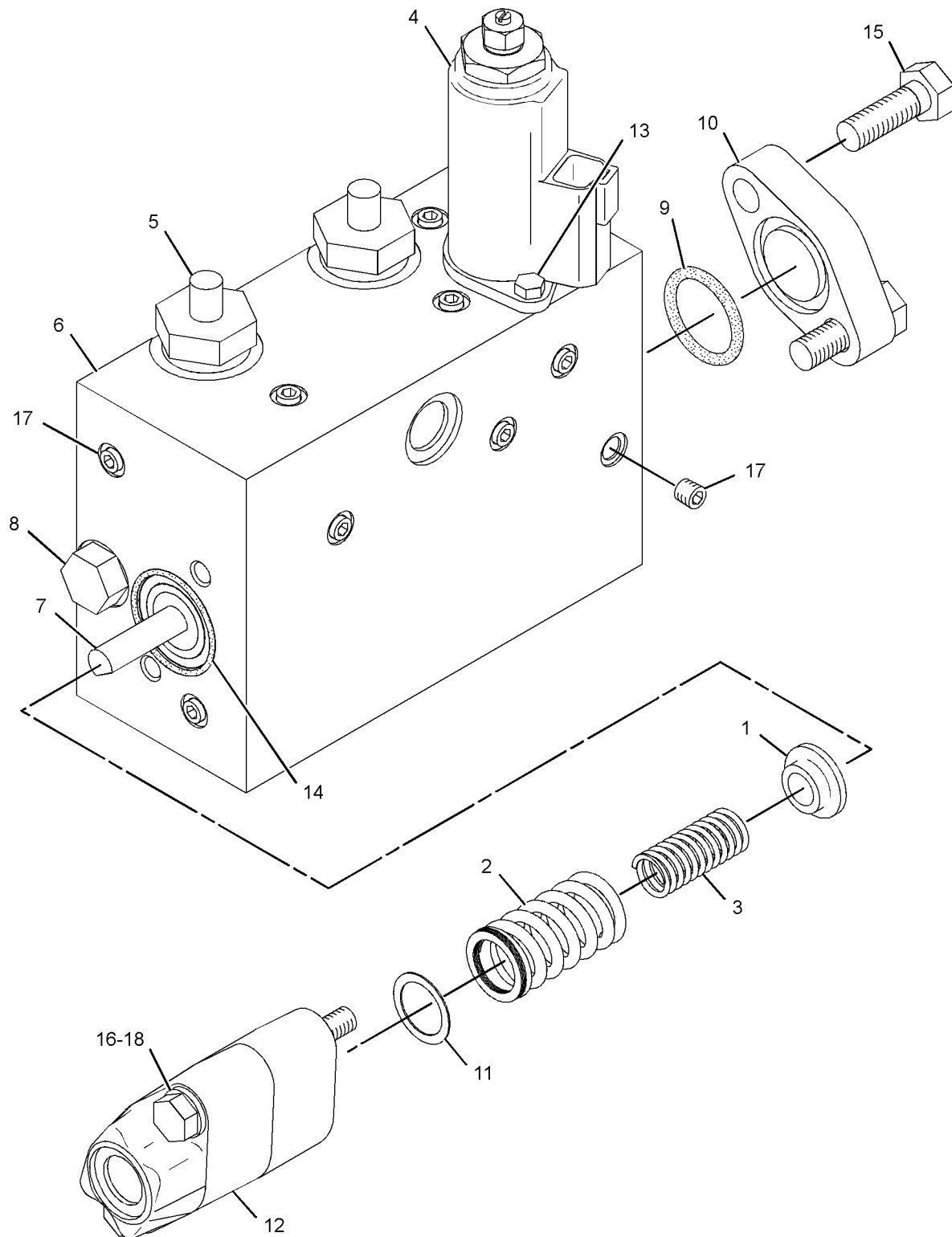
Y-SEPARATE ILLUSTRATION

Z-NOT SERVICED SEPARATELY

HYDRAULIC SYSTEM

254-3080 VALVE GP-COUPLER (contd.)

i02663296



GRAPHIC #1

<END>

g01245214

HYDRAULIC SYSTEM

185-0490 VALVE GP-FLOW CONTROL & RELIEF

S/N: A6F1-UP; A8F1-UP
PART OF 244-8419 VALVE GP-CONTROL
AN ATTACHMENT

SMCS-5117, 5137

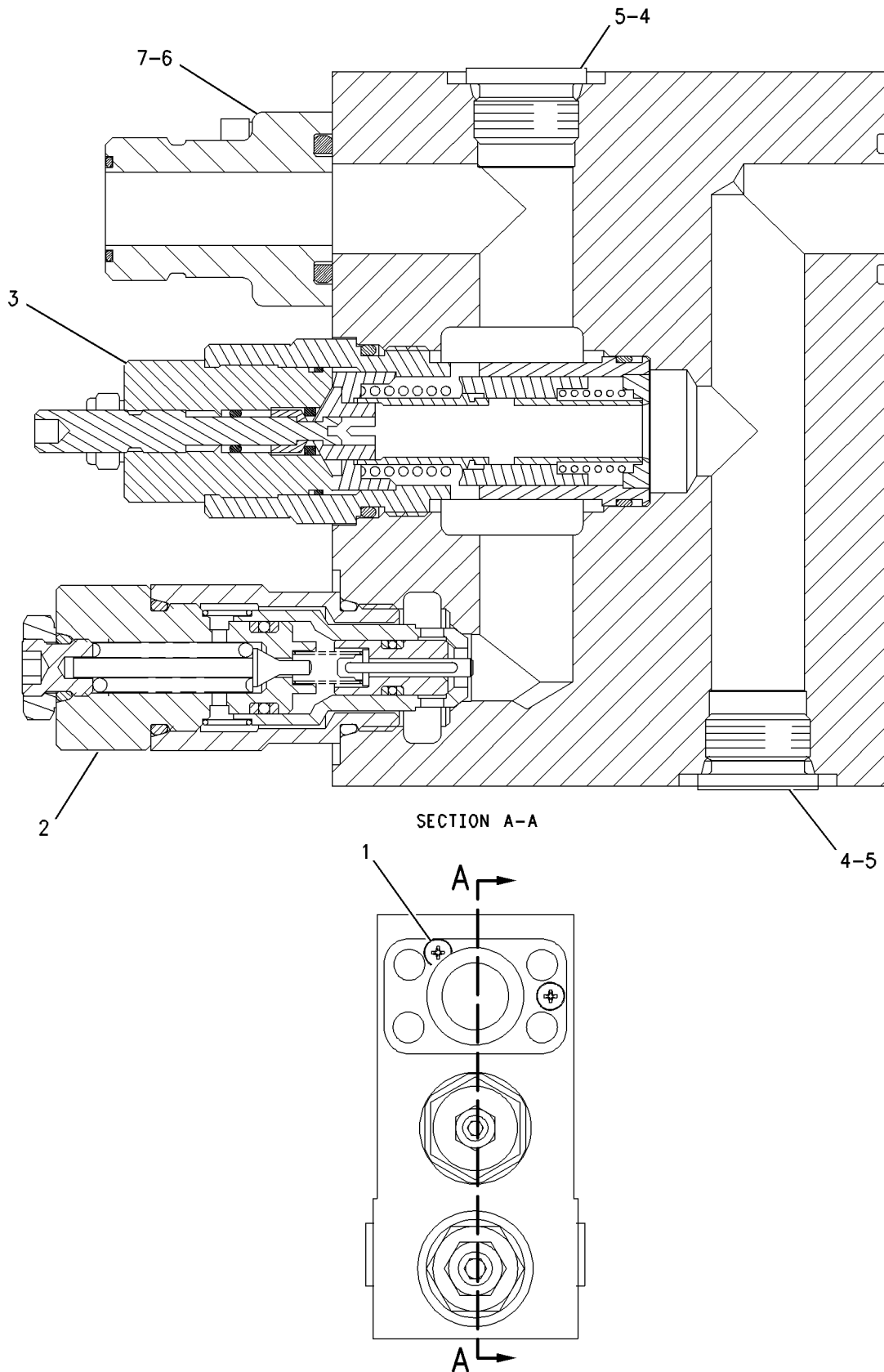
i02797210

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
M	1	1	096-3773	2	SCREW-MACHINE (M4X0.7X25-MM)	
Y	2	1	201-9352	1	VALVE GP-RELIEF (LINE)	539
J	3	1	165-9497	1	VALVE GP-FLOW CONTROL (MEDIUM PRESSURE)	
	4	1	9S-8006	2	PLUG-O-RING	
	5	1	2M-9780	2	SEAL-O-RING	
	6	1	123-2423	1	FLANGE-TUBE	
	7	1	1P-3702	1	SEAL-RECTANGULAR	
AVAILABLE REPAIR KIT(S) :						
J			185-0400	1	KIT-SEAL (CONTROL VALVE)	
J-KIT MARKED J SERVICES PART(S) MARKED J						
M-METRIC PART						
Y-SEPARATE ILLUSTRATION						

HYDRAULIC SYSTEM

185-0490 VALVE GP-FLOW CONTROL & RELIEF (contd.)

i02797210



GRAPHIC #1

<END>

g00885072

HYDRAULIC SYSTEM

255-5680 VALVE GP-LOAD CONTROL- STICK DRIFT RED, LINE RELIEF S/N: A6F1-UP; A8F1-UP PART OF 239-1714 LINES GP-FRONT

SMCS-5067, 5117, 5147, 5811

i02502323

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	2	1	4I-8965	1	GUIDE						
	3	1	5I-8511	1	SPRING						
	4	1	087-5166	1	SPRING						
	5	1	118-4044	1	COVER						
	7	1	147-4184	1	PLUG						
	8	1	225-4818	2	PLUG AS						
					(EACH INCLUDES)						
		1	4J-7533	1	SEAL-O-RING						
		1	225-4804	1	PLUG						
Y	9	1	255-5662	1	VALVE GP-RELIEF (LINE)						546
Z	10	1		1	VALVE GP-CONTROL (DRIFT CONTROL)						
	11	1	095-1594	1	SEAL-O-RING						
	12	1	095-1789	1	RING						
	13	1	148-8395	1	PLUG AS						
		1	3K-0360	1	SEAL-O-RING						
		1	9S-8005	1	PLUG-O-RING						
	14	1	162-0177	1	PLUG AS						
		1	3J-1907	1	SEAL-O-RING						
		1	9S-8004	1	PLUG-O-RING						
M	15	1	8T-4136	4	BOLT (M10X1.5X25-MM)						

M-METRIC PART

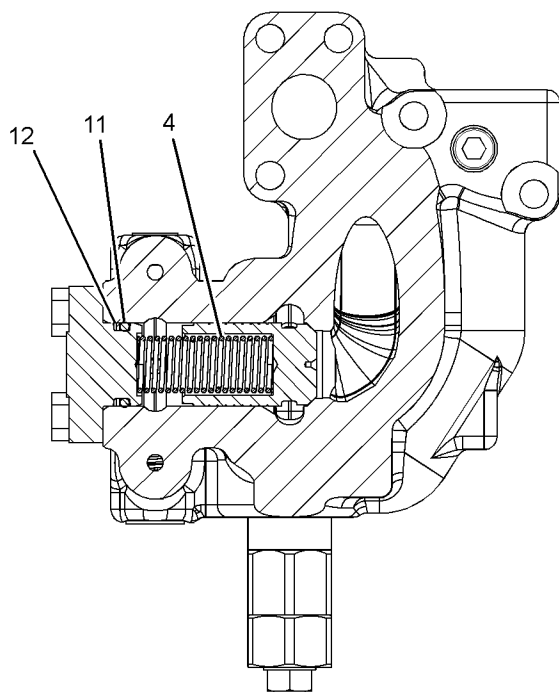
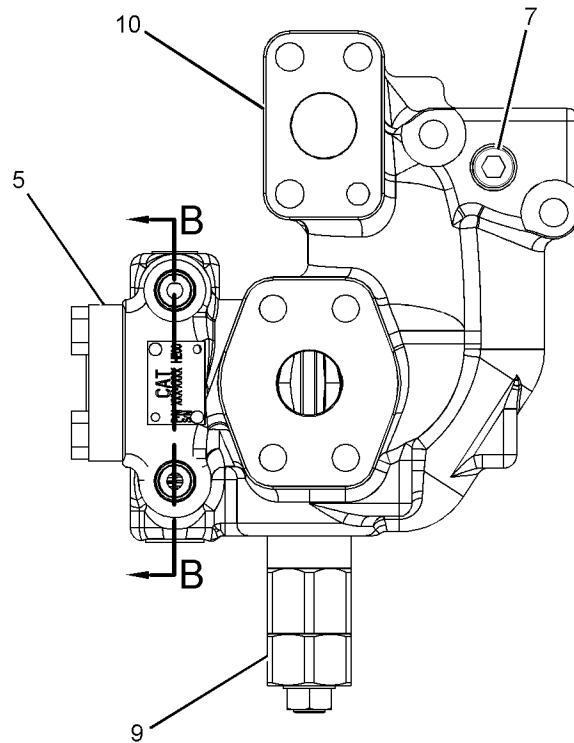
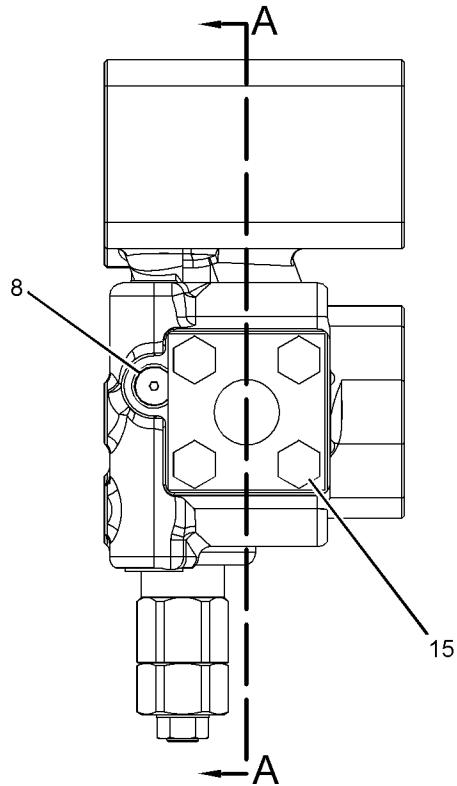
Y-SEPARATE ILLUSTRATION

Z-NOT SERVICED SEPARATELY

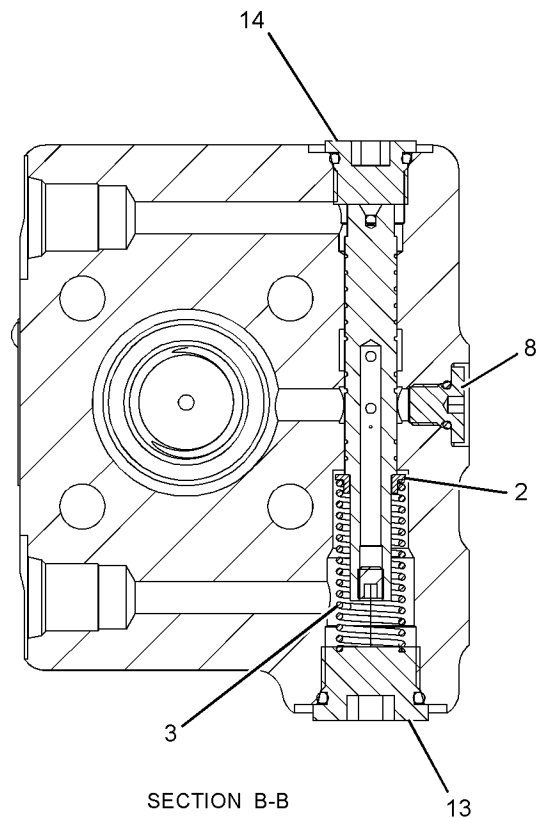
HYDRAULIC SYSTEM

255 - 5680 VALVE GP - LOAD CONTROL (contd.)

i02502323



SECTION A-A



SECTION B-B

GRAPHIC #1

<END>

g01174591

HYDRAULIC SYSTEM

255-5683 VALVE GP-LOAD CONTROL- BOOM DRIFT RED, LINE RELIEF S/N: A6F1-UP; A8F1-UP PART OF 239-1714 LINES GP-FRONT

SMCS-5067, 5117, 5147, 5811

i02499630

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	2	1	4I-8965	1	GUIDE						
	3	1	5I-8511	1	SPRING						
	4	1	087-5166	1	SPRING						
	5	1	118-4044	1	COVER						
	7	1	225-4818	2	PLUG AS						
					(EACH INCLUDES)						
		1	225-4804	1	PLUG						
	7A	1	4J-7533	1	SEAL-O-RING						
Y	8	1	255-5662	1	VALVE GP-RELIEF (LINE)						546
Z	9	1		1	VALVE GP-CONTROL (DRIFT REDUCTION)						
	10	1	095-1594	1	SEAL-O-RING						
	11	1	095-1789	1	RING						
	12	1	148-8395	1	PLUG AS						
		1	9S-8005	1	PLUG-O-RING						
	12A	1	3K-0360	1	SEAL-O-RING						
	13	1	148-8407	1	PLUG AS						
		1	9S-4191	1	PLUG-O-RING						
	13A	1	3J-1907	1	SEAL-O-RING						
	14	1	190-7865	1	CONNECTOR						
	15	1	3J-1907	1	SEAL-O-RING						
	16	1	6V-8397	1	SEAL-O-RING						
M	17	1	8T-4136	4	BOLT (M10X1.5X25-MM)						

M-METRIC PART

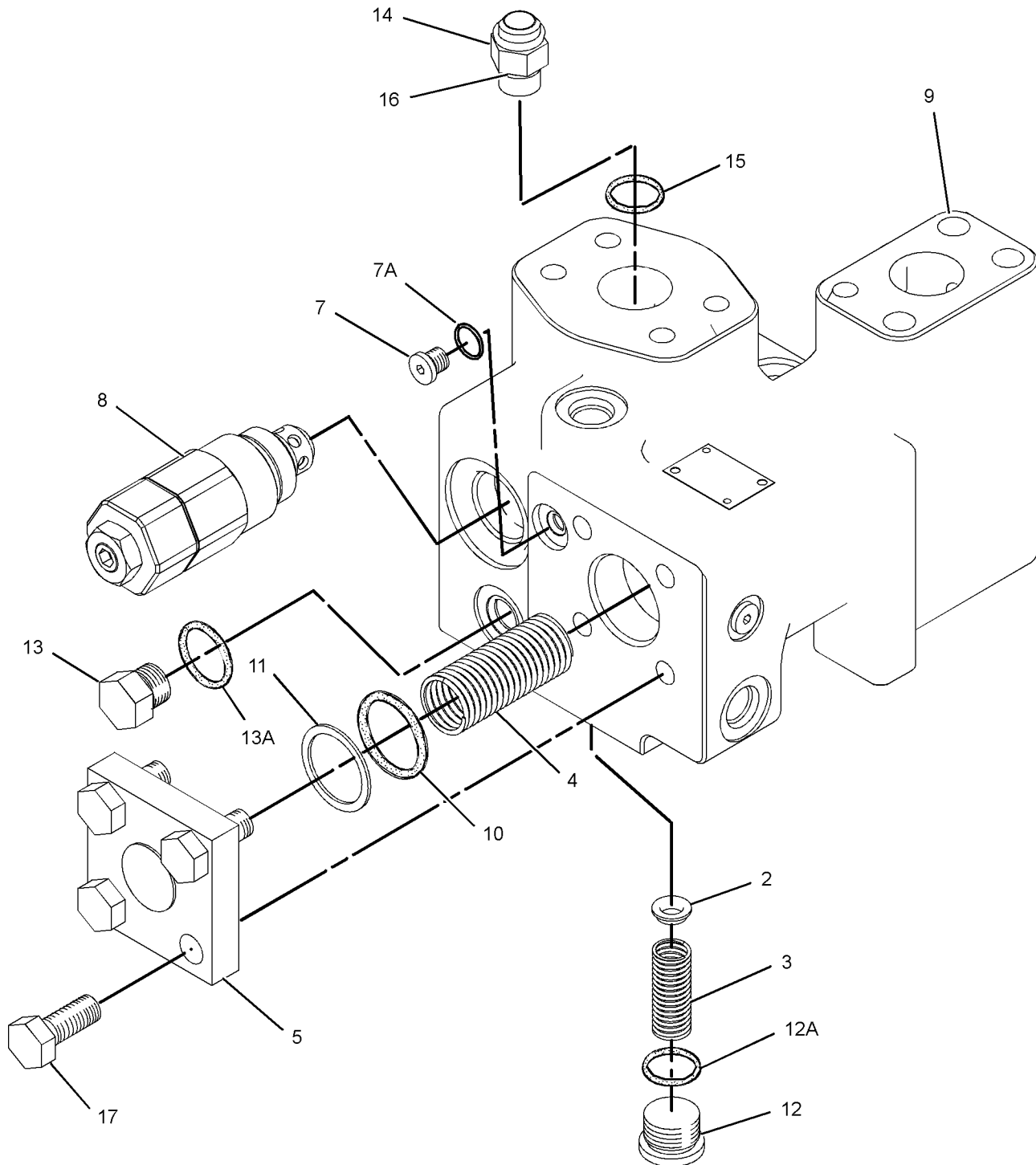
Y-SEPARATE ILLUSTRATION

Z-NOT SERVICED SEPARATELY

HYDRAULIC SYSTEM

255-5683 VALVE GP - LOAD CONTROL (contd.)

i02499630



GRAPHIC #1

<END>

g01152135

HYDRAULIC SYSTEM

259-7464 VALVE GP-MAIN CONTROL

S/N: A6F1-UP; A8F1-UP

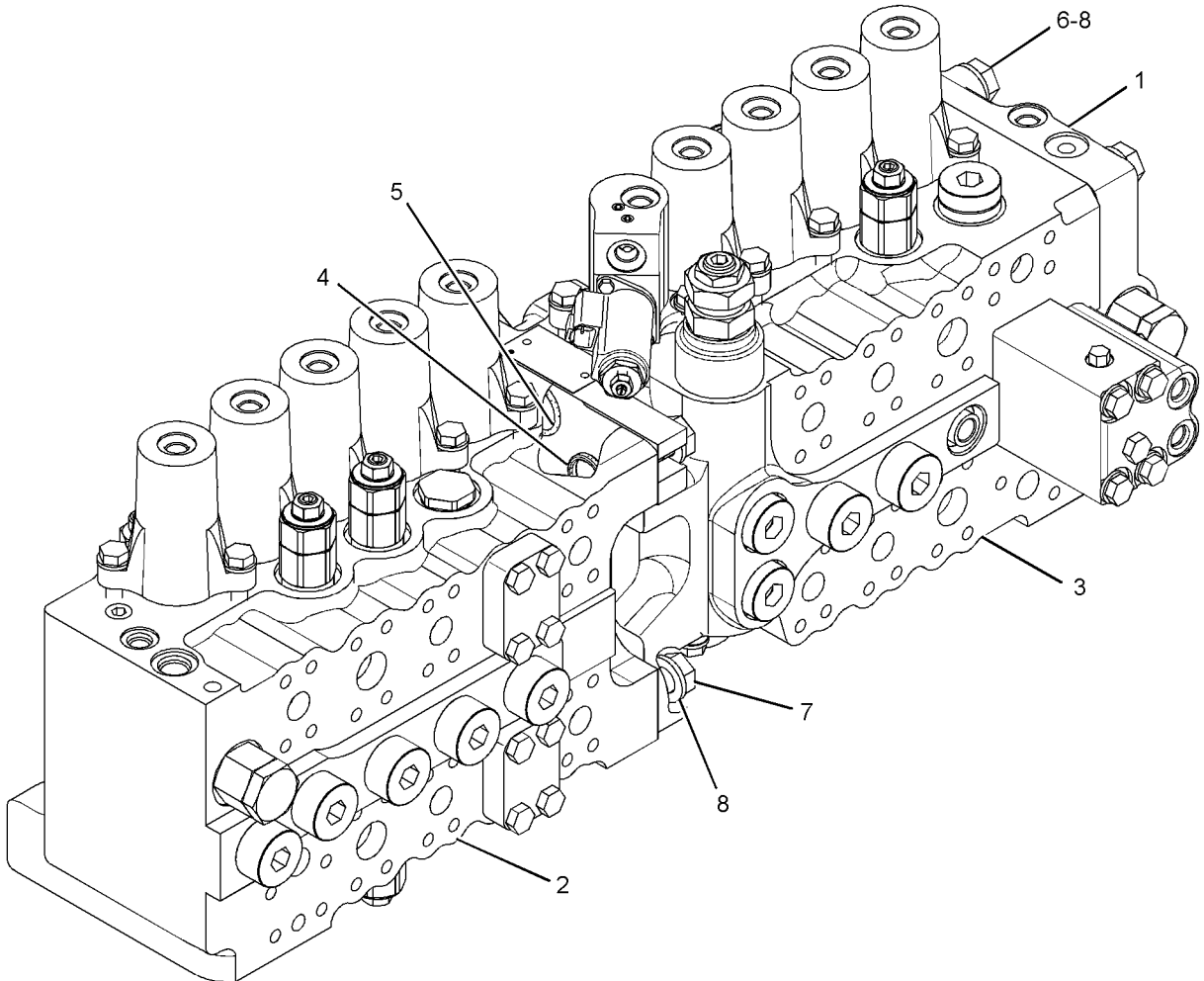
PART OF 285-1354, 285-1355 HYDRAULIC AR

SMCS-5051

i02780523

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	153-5313	1	VALVE GP-RELIEF (NEGATIVE FLOW CONTROL)	535
Y	2	1	259-7465	1	VALVE GP-CONTROL (LH)	497
Y	3	1	259-7466	1	VALVE GP-CONTROL (RH)	500
	4	1	1P-3702	2	SEAL-RECTANGULAR	
	5	1	4J-0519	2	SEAL-O-RING	
M	6	1	8T-4140	5	BOLT (M16X2X60-MM)	
M	7	1	8T-4193	4	BOLT (M16X2X50-MM)	
	8	1	9X-8257	9	WASHER (17.5X30X3.5-MM THK)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01190229

HYDRAULIC SYSTEM

259-7602 VALVE GP-MAIN CONTROL-HEAVY LIFT

S/N: A6F1-UP; A8F1-UP

PART OF 240-3881 VALVE & LINES GP-HEAVY LIFT
AN ATTACHMENT

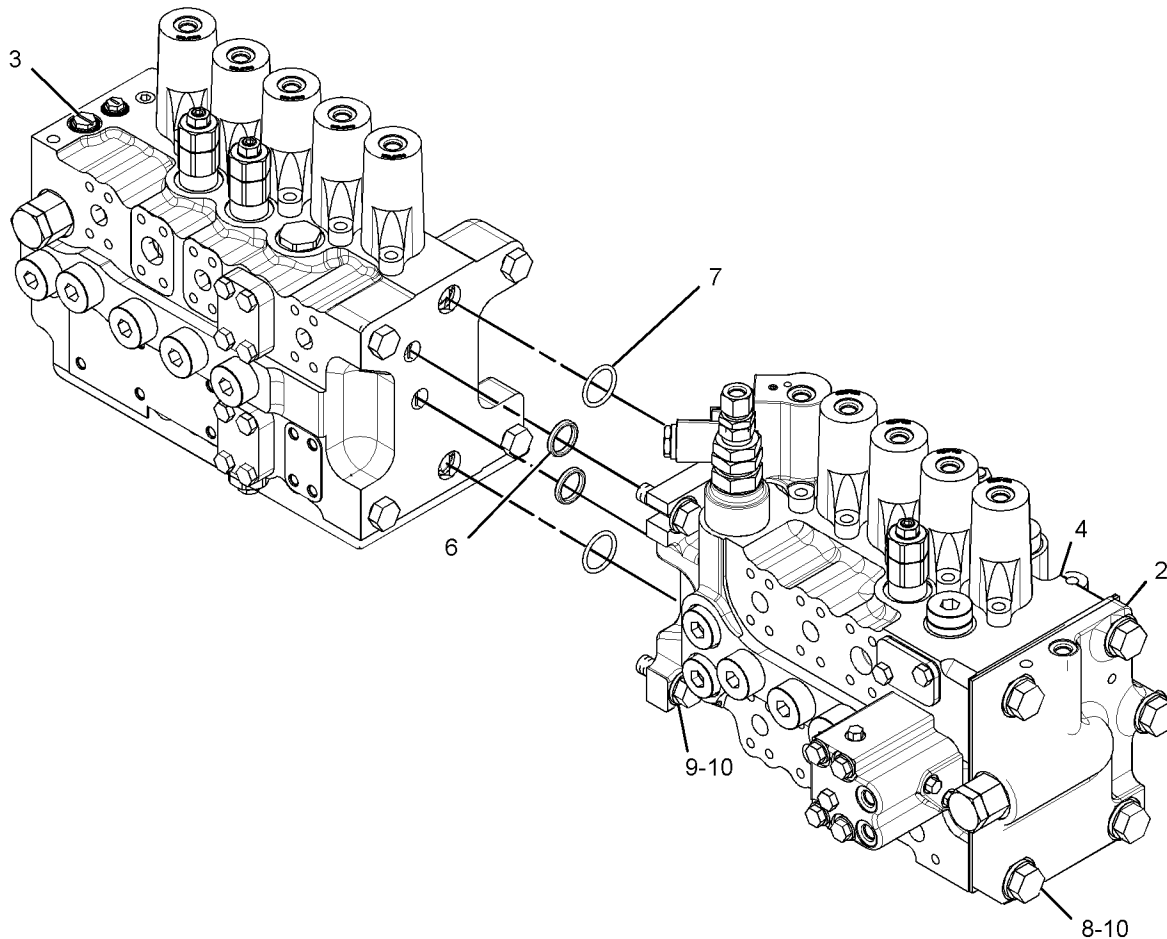
SMCS-5051

i02779549

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	2	1	153-5313	1	VALVE GP-RELIEF (NEGATIVE FLOW CONTROL)	535
Y	3	1	259-7465	1	VALVE GP-CONTROL (RH)	497
Y	4	1	259-7662	1	VALVE GP-CONTROL (LH)	509
	6	1	1P-3702	2	SEAL-RECTANGULAR	
	7	1	4J-0519	2	SEAL-O-RING	
M	8	1	8T-4140	5	BOLT (M16X2X60-MM)	
M	9	1	8T-4193	4	BOLT (M16X2X50-MM)	
	10	1	9X-8257	9	WASHER (17.5X30X3.5-MM THK)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01392911

HYDRAULIC SYSTEM

277-0954 VALVE GP-MANUAL

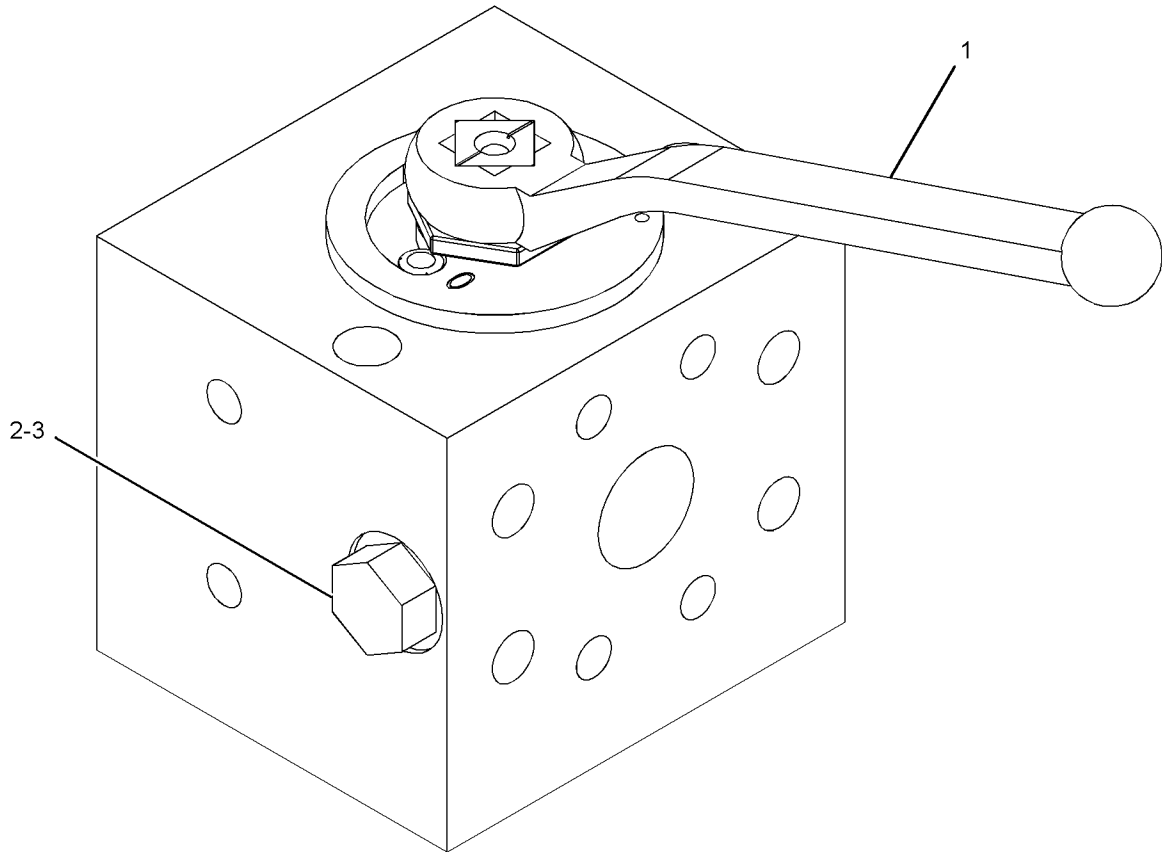
S/N: A6F1-UP; A8F1-UP

PART OF 237-3184, 242-6483, 242-6487 LINES GP-AUXILIARY HYDRAULIC
AN ATTACHMENT

SMCS-1329, 5001, 5130, 5147

i02518020

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	119-1353	1	HANDLE						
	2	1	3J-1907	1	SEAL-O-RING						
	3	1	9S-4191	1	PLUG-O-RING						



GRAPHIC #1

<END>

g01236800

HYDRAULIC SYSTEM

270-5947 VALVE GP-PILOT-TRAVEL

S/N: A6F1-UP; A8F1-UP

PART OF 248-9825 LINES GP-PILOT

SMCS-5059

i02497097

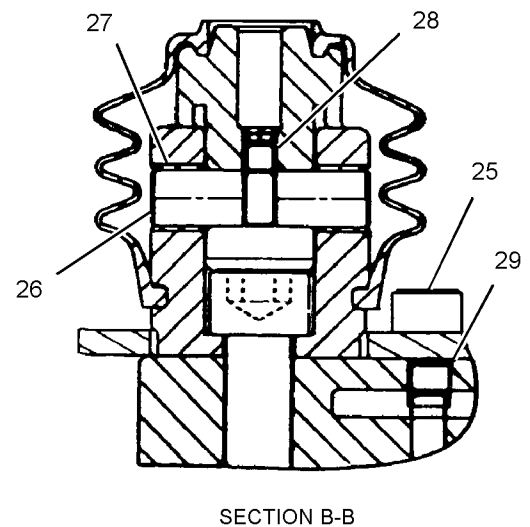
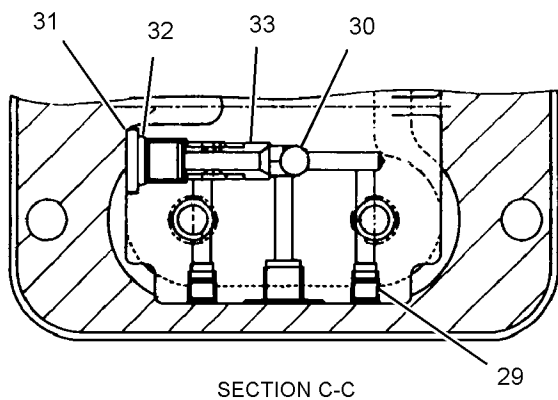
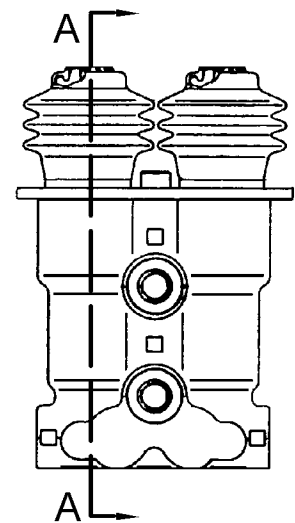
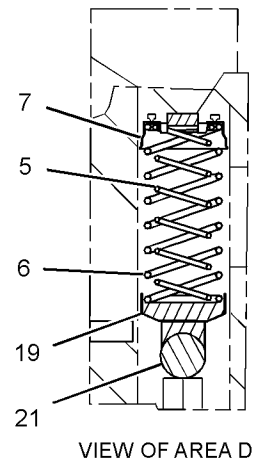
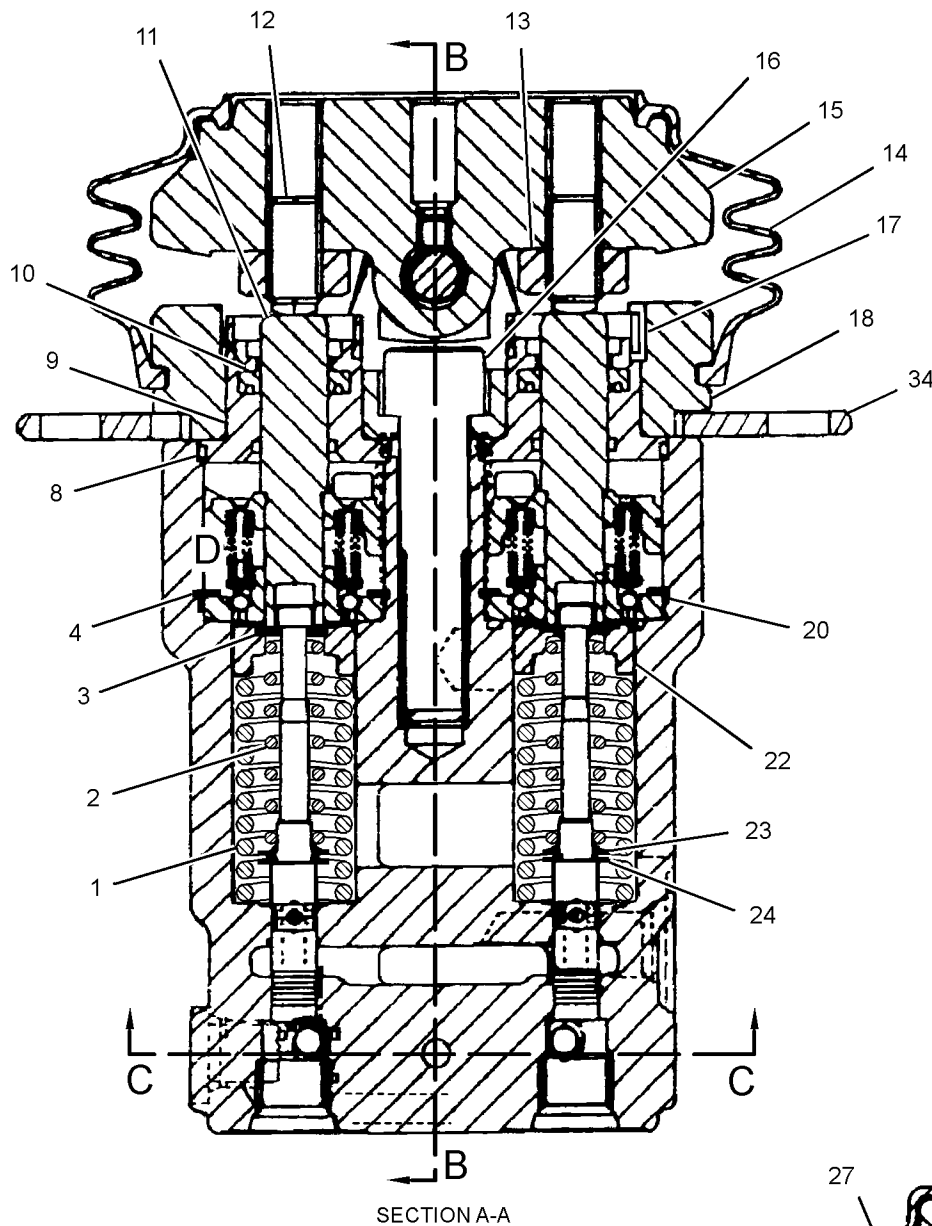
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	270-5950	4	SPRING						
	2	1	131-5818	4	SPRING						
	3	1	099-6136	8	WASHER (5.1X12.5X1-MM THK)						
	4	1	095-0936	4	RING-RETAINING						
	5	1	126-1865	4	SPRING						
	6	1	126-1866	4	SPRING						
	7	1	270-5949	4	PISTON						
	8	1	6V-8400	4	SEAL-O-RING						
	9	1	165-9554	4	PLUG						
	10	1	119-5389	4	PACKING						
	11	1	165-9552	4	PUSHROD						
M	12	1	087-4710	4	SETSCREW						
M	13	1	8T-4133	4	NUT (M10X1.5-THD)						
	14	1	087-5709	2	BELLOWS						
	15	1	087-5708	2	PEDAL						
M	16	1	8T-0343	2	BOLT-SOCKET HEAD (M12X1.75X55-MM)						
	17	1	119-5388	4	CAP						
	18	1	165-9463	2	COVER						
	19	1	119-5391	4	SEAT						
	20	1	119-5392	4	BUSHING						
	21	1	153-5223	12	BALL						
	22	1	165-9551	4	SEAT						
	23	1	099-6137	4	WASHER						
	24	1	099-6141	4	WASHER (6.1X11X1.5-MM THK)						
M	25	1	8T-1158	2	BOLT-SOCKET HEAD (M8X1.25X20-MM)						
	26	1	099-6145	2	CAMSHAFT						
	27	1	099-6144	4	BUSHING-TERMINAL						
M	28	1	095-1260	2	SETSCREW-SOCKET (M6X1X6-MM)						
	29	1	8T-6759	6	PLUG-PIPE						
	30	1	9M-5590	2	BALL						
	31	1	107-6479	2	PLUG						
	32	1	095-1578	2	SEAL-O-RING						
	33	1	165-9464	2	SEAT						
	34	1	165-9553	1	COVER						

M-METRIC PART

HYDRAULIC SYSTEM

270-5947 VALVE GP-PILOT (contd.)

i02497097



GRAPHIC #1

<END>

g01237519

HYDRAULIC SYSTEM

285 - 1327 VALVE GP-PILOT-JOYSTICK

S/N: A6F1-UP; A8F1-UP

PART OF 270-5951, 270-5952 CONTROL GP-JOYSTICK
AN ATTACHMENT

SMCS-5059

i02600645

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	165-9431	1	PLATE						
	2	1	4I-6365	1	JOINT						
	3	1	118-4087	4	SPRING						
	4	1	165-9444	2	SEAT-SPRING						
					(USED WITH REF NO 7 OR 7A SPRINGS)						
					-OR-						
J		1	244-8496	2	SEAT-SPRING						
					(USED WITH REF NO 7B SPRINGS)						
					-OR-						
L		1	244-8500	2	SEAT-SPRING						
					(USED WITH REF NO 7C SPRINGS)						
	5	1	096-1628	4	PLUG						
	6	1	165-9436	2	SEAT						
	7	1	165-9460	2	SPRING (STANDARD)						
					-OR-						
	7A	1	225-4815	2	SPRING (OPTIONAL)						
					(REDUCES OPERATING FORCE FOR IMPROVED INCHING CONTROL)						
					-OR-						
J	7B	1	244-8494	2	SPRING (OPTIONAL)						
					(PROVIDES CONTROLLABILITY EQUAL TO A-SERIES MACHINES)						
					-OR-						
L	7C	1	244-8498	2	SPRING (OPTIONAL)						
					(PROVIDES CONTROLLABILITY COMPARABLE TO A AND B-SERIES MACHINES)						
	8	1	270-5953	4	SPRING (STANDARD)						
					-OR-						
		1	190-7750	4	SPRING (OPTIONAL)						
					(REDUCES OPERATING FORCE BY 30%)						
					-OR-						
		1	190-7751	4	SPRING (OPTIONAL)						
					(REDUCES OPERATING FORCE BY 20%)						
	9	1	165-9439	1	BUSHING						
	10	1	165-9448	1	SEAL-O-RING						
	11	1	168-0794	1	PLATE						
	12	1	096-4498	2	WASHER						
M	13	1	6V-8337	2	BOLT-SOCKET HEAD (M8X1.25X35-MM)						
	14	1	171-0087	1	BELLOWS						
M	15	1	131-5915	1	NUT						
	16	1	7Y-0468	1	PIN-SPRING						
	17	1	094-0876	4	SEAL						
B	18	1	099-6137	4	WASHER						
	19	1	165-9442	2	SPRING (STANDARD)						
					-OR-						
	19A	1	225-4816	2	SPRING (OPTIONAL)						
					(REDUCES OPERATING FORCE FOR IMPROVED INCHING CONTROL)						
					-OR-						
J	19B	1	244-8495	2	SPRING (OPTIONAL)						
					(PROVIDES CONTROLLABILITY EQUAL TO A-SERIES MACHINES)						
					-OR-						
L	19C	1	244-8499	2	SPRING (OPTIONAL)						
					(PROVIDES CONTROLLABILITY COMPARABLE TO A AND B-SERIES MACHINES)						

HYDRAULIC SYSTEM

285 - 1327 VALVE GP - PILOT (contd.)

i02600645

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	20	1	165-9435	2	SEAT	
	21	1	095-1586	4	SEAL-O-RING	
	22	1	165-9443	2	SEAT-SPRING	
					(USED WITH REF NO 19 OR 19A SPRINGS)	
					-OR-	
J		1	244-8497	2	SEAT-SPRING	
					(USED WITH REF NO 19B SPRINGS)	
					-OR-	
L		1	244-8501	2	SEAT-SPRING	
					(USED WITH REF NO 19C SPRINGS)	
	23	1	165-9438	1	PLATE	
	24	1	118-4086	4	ROD	

B-USE AS REQUIRED

J - PARTS MARKED J MUST BE USED TOGETHER AS A SET

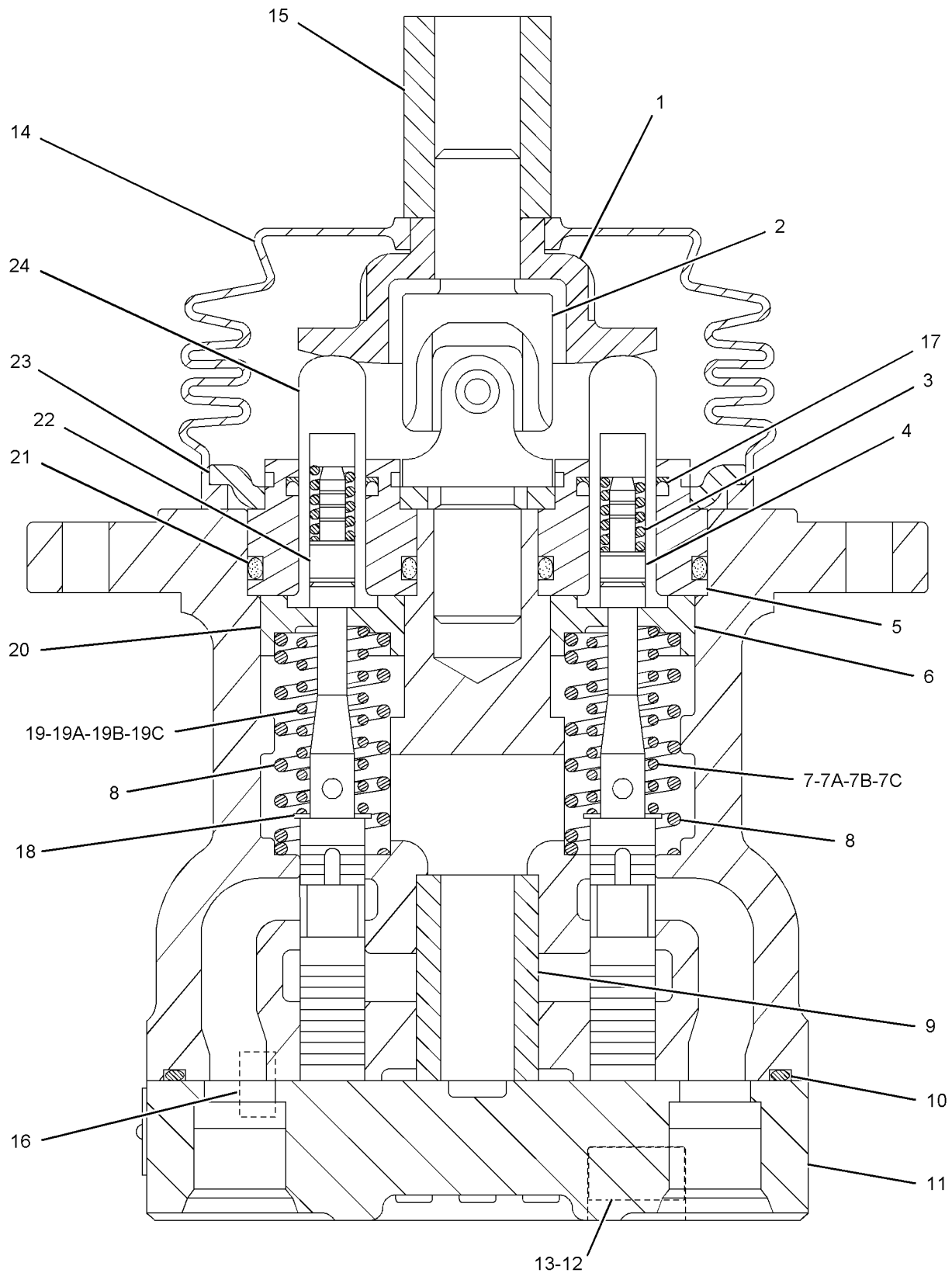
L - PARTS MARKED L MUST BE USED TOGETHER AS A SET

M-METRIC PART

HYDRAULIC SYSTEM

285 - 1327 VALVE GP - PILOT (contd.)

i02600645



GRAPHIC #1

<END>

g01102305

HYDRAULIC SYSTEM

105 - 1321 VALVE GP-PILOT RELIEF

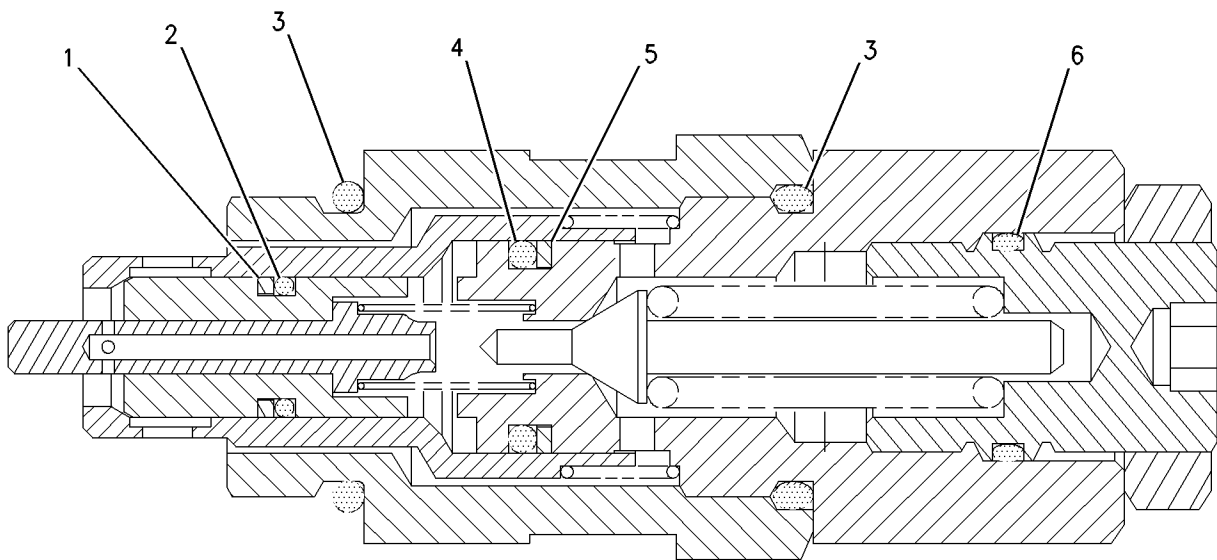
S/N: A6F1-UP; A8F1-UP

PART OF 201-9352 VALVE GP-RELIEF
AN ATTACHMENT

SMCS-5072

i01889480

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	030-0167	1	RING-BACKUP						
	2	1	8L-2779	1	SEAL-O-RING						
	3	1	033-6036	2	SEAL-O-RING						
	4	1	3P-0647	1	SEAL-O-RING						
	5	1	9J-0707	1	RING-BACKUP						
	6	1	8T-7877	1	SEAL-O-RING						



GRAPHIC #1

<END>

g00826154

HYDRAULIC SYSTEM

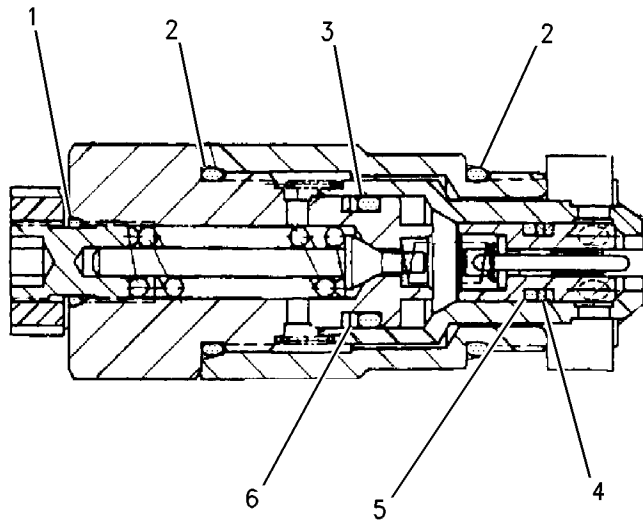
201-9353 VALVE GP-PILOT RELIEF

S/N: A6F1-UP; A8F1-UP
PART OF 201-9352 VALVE GP-RELIEF
AN ATTACHMENT

SMCS-5072

i01889481

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	095-1578	1	SEAL-O-RING						
	2	1	3D-2824	2	SEAL-O-RING						
	3	1	103-8255	1	SEAL-O-RING						
	4	1	103-8252	2	RING						
	5	1	103-8254	1	SEAL-O-RING						
	6	1	103-8253	2	RING						



GRAPHIC #1

<END>

g00831254

HYDRAULIC SYSTEM

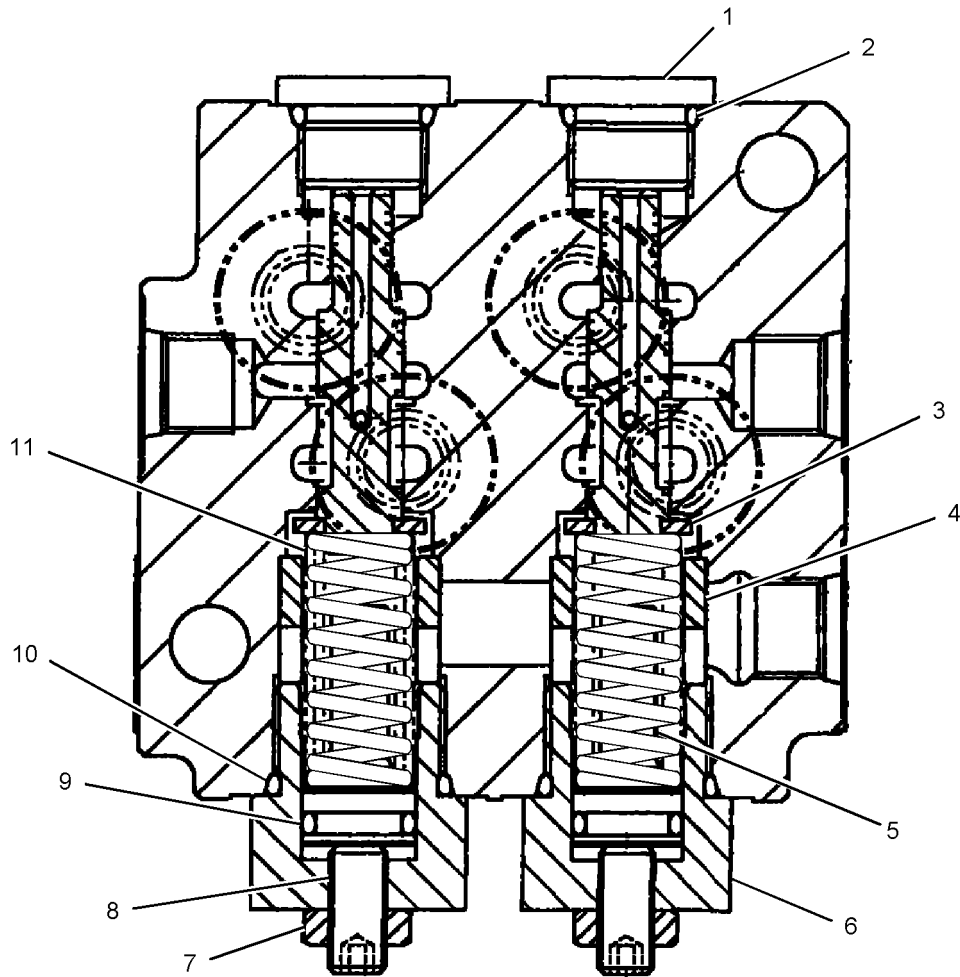
232-4102 VALVE GP - PRESSURE REDUCING- BOOM, SWING PRIORITY S/N: A6F1-UP; A8F1-UP PART OF 248-9851 LINES GP-PILOT

SMCS-5117

i02192732

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	111-9998	2	PLUG						
	2	1	095-1582	2	SEAL-O-RING						
	3	1	171-0127	2	SEAT-SPRING						
	4	1	185-0423	2	STOP						
	5	1	171-0126	2	SEAT-SPRING						
	6	1	171-0123	2	PLUG						
M	7	1	50-7261	2	NUT (M8X1.25-THD)						
M	8	1	171-0124	2	SETSCREW (M8X1.25X18-MM)						
	9	1	095-1580	2	SEAL-O-RING						
	10	1	095-1590	2	SEAL-O-RING						
	11	1	171-0128	2	SPRING						

M-METRIC PART



GRAPHIC #1

<END>

g01095267

HYDRAULIC SYSTEM

153-5295 VALVE GP-PRIORITY-SWING

S/N: A6F1-UP; A8F1-UP

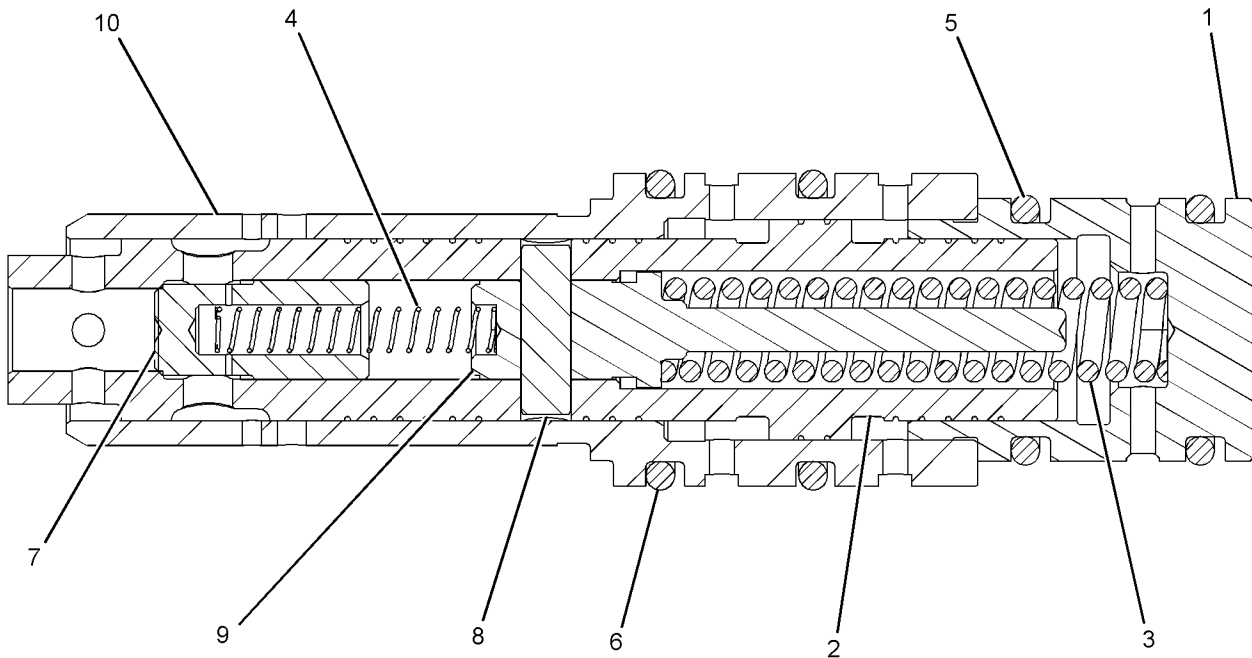
PART OF 259-7466, 259-7662 VALVE GP-CONTROL
ALSO AN ATTACHMENT

SMCS-506P

i02697143

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Z	1	1		1	SLEEVE						
Z	2	1		1	STEM						
Z	3	1		1	SPRING						
	4	1	158-8186	1	SPRING						
	5	1	102-0889	2	SEAL-O-RING						
	6	1	103-8173	2	SEAL-O-RING						
	7	1	140-0674	1	VALVE						
	8	1	140-0677	1	PIN						
Z	9	1		1	ROD						
Z	10	1		1	SLEEVE						

Z - NOT SERVICED SEPARATELY



GRAPHIC #1

<END>

g01266687

HYDRAULIC SYSTEM

109-2667 VALVE GP-RELIEF

S/N: A6F1-UP; A8F1-UP

PART OF 153-5313 VALVE GP-RELIEF

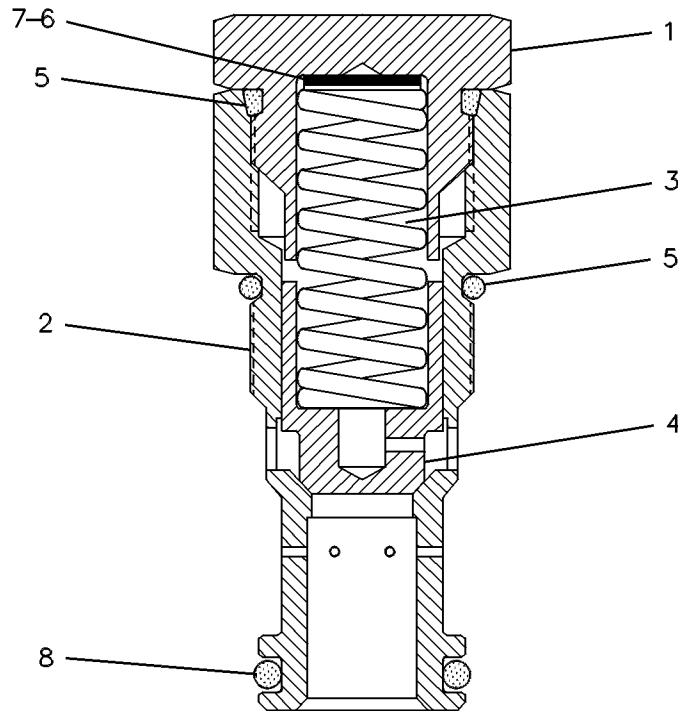
ALSO AN ATTACHMENT

SMCS-5069, 5117

i01401638

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5I-4111	1	PLUG						
	2	1	109-2665	1	BODY-VALVE						
	3	1	107-6370	1	SPRING						
	4	1	107-6371	1	VALVE						
	5	1	4K-1388	2	SEAL-O-RING						
B	6	1	4J-7385	1	SHIM (0.048-IN THK)						
B	7	1	4J-7386	5	SHIM (0.01-IN THK)						
	8	1	5P-3108	1	SEAL-O-RING						

B-USE AS REQUIRED



GRAPHIC #1

<END>

g00242585

HYDRAULIC SYSTEM

109-5152 VALVE GP-RELIEF-NEGATIVE FLOW CONTROL

S/N: A6F1-UP; A8F1-UP

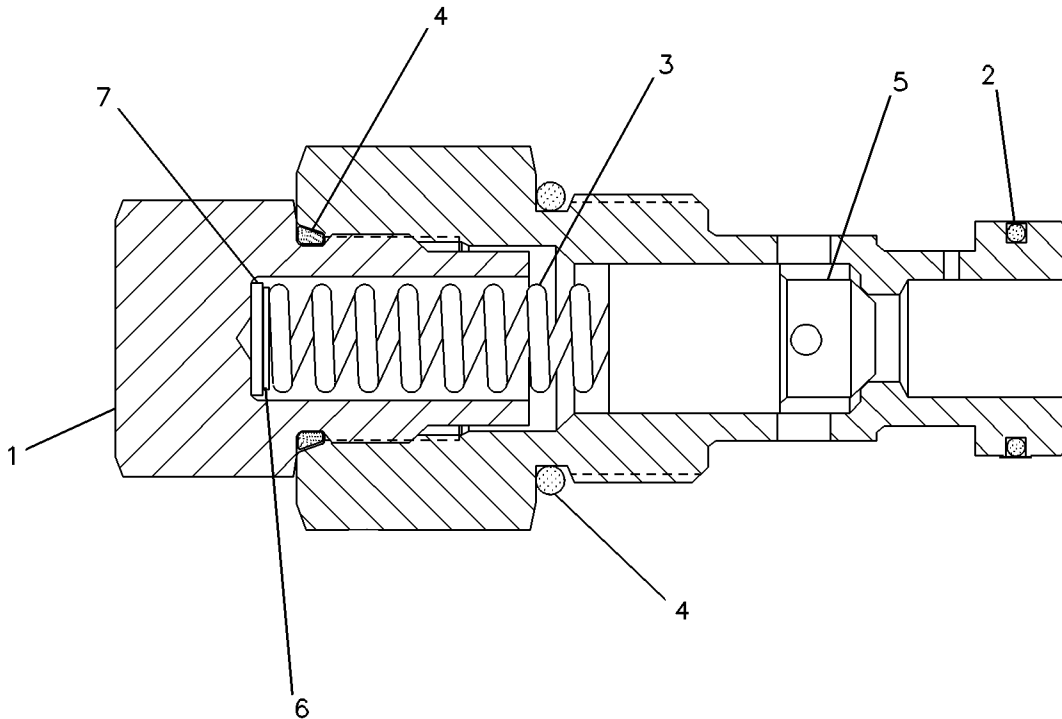
PART OF 259-7465 VALVE GP-CONTROL

ALSO AN ATTACHMENT

SMCS-5069, 5117

i00831419

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5I-4111	1	PLUG						
	2	1	5P-3108	1	SEAL-O-RING						
	3	1	107-6370	1	SPRING						
	4	1	4K-1388	2	SEAL-O-RING						
	5	1	107-6371	1	VALVE						
B	6	1	4J-7386	1	SHIM (0.01-IN THK)						
B	7	1	4J-7385	1	SHIM (0.048-IN THK)						
B-USE AS REQUIRED											



GRAPHIC #1

<END>

g00243325

HYDRAULIC SYSTEM

153-5313 VALVE GP-RELIEF

S/N: A6F1-UP; A8F1-UP

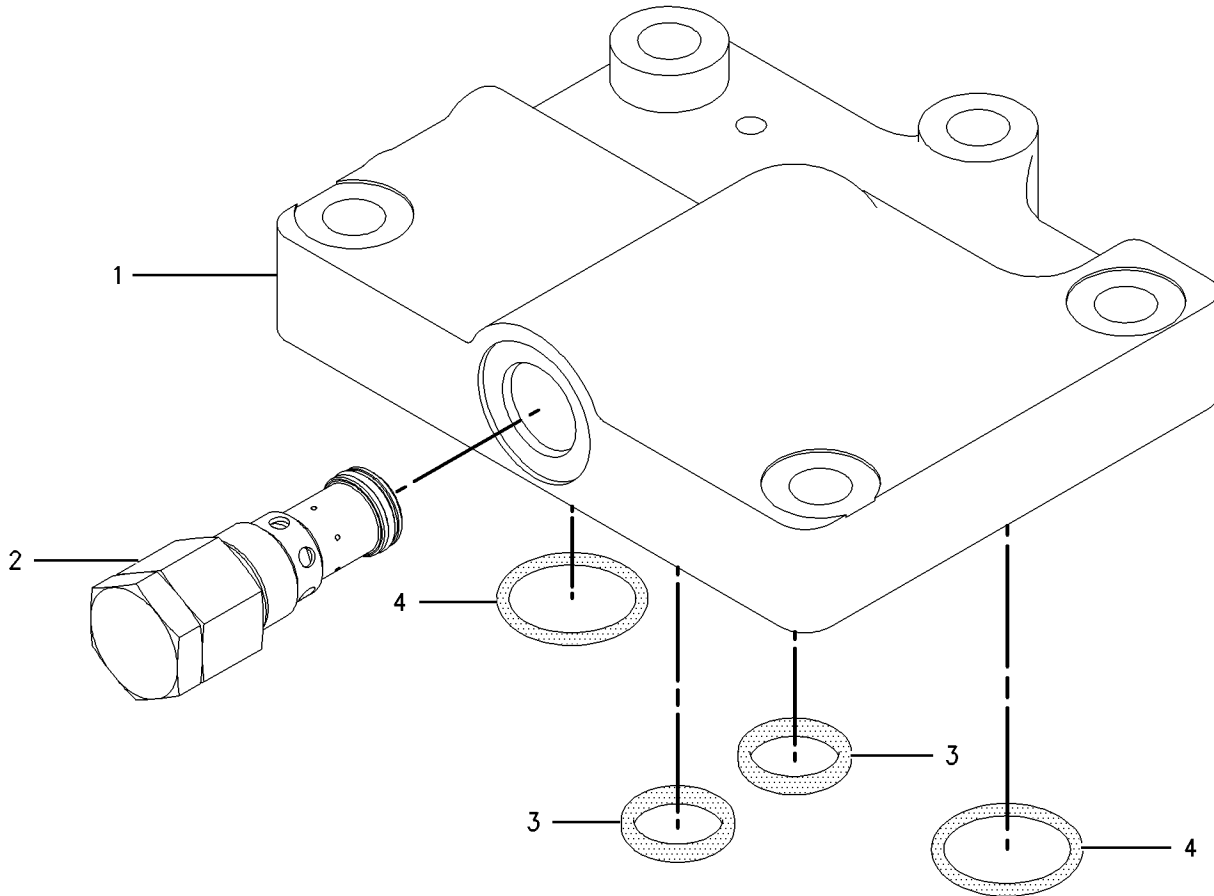
PART OF 259-7464, 259-7602 VALVE GP-MAIN CONTROL
ALSO AN ATTACHMENT

SMCS-5069, 5117

i01378440

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	4J-8998	2	SEAL-O-RING	
Y	2	1	109-2667	1	VALVE GP-RELIEF	533
	3	1	153-5239	1	COVER	
	4	1	1P-3702	2	SEAL-RECTANGULAR	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00672555

HYDRAULIC SYSTEM

173-3452 VALVE GP-RELIEF

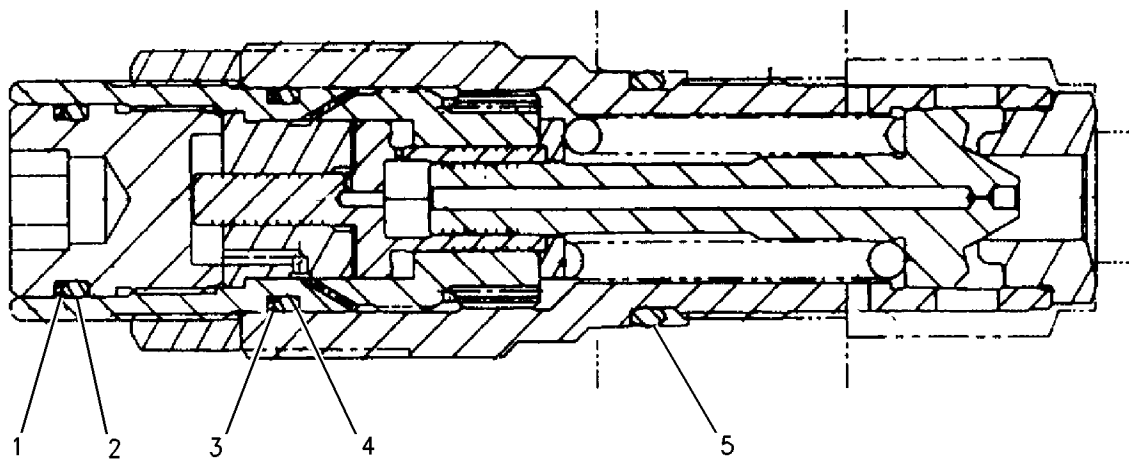
S/N: A6F1-UP; A8F1-UP

PART OF 158-8986 MOTOR GP-SWING

SMCS-5069, 5117

i01375454

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	168-0765	1	RING-BACKUP						
	2	1	7J-9933	1	SEAL-O-RING						
	3	1	7I-0966	1	RING-BACKUP						
	4	1	6V-5556	1	SEAL-O-RING						
	5	1	095-1698	1	SEAL-O-RING						



GRAPHIC #1

<END>

g00671043

HYDRAULIC SYSTEM

173-3536 VALVE GP-RELIEF

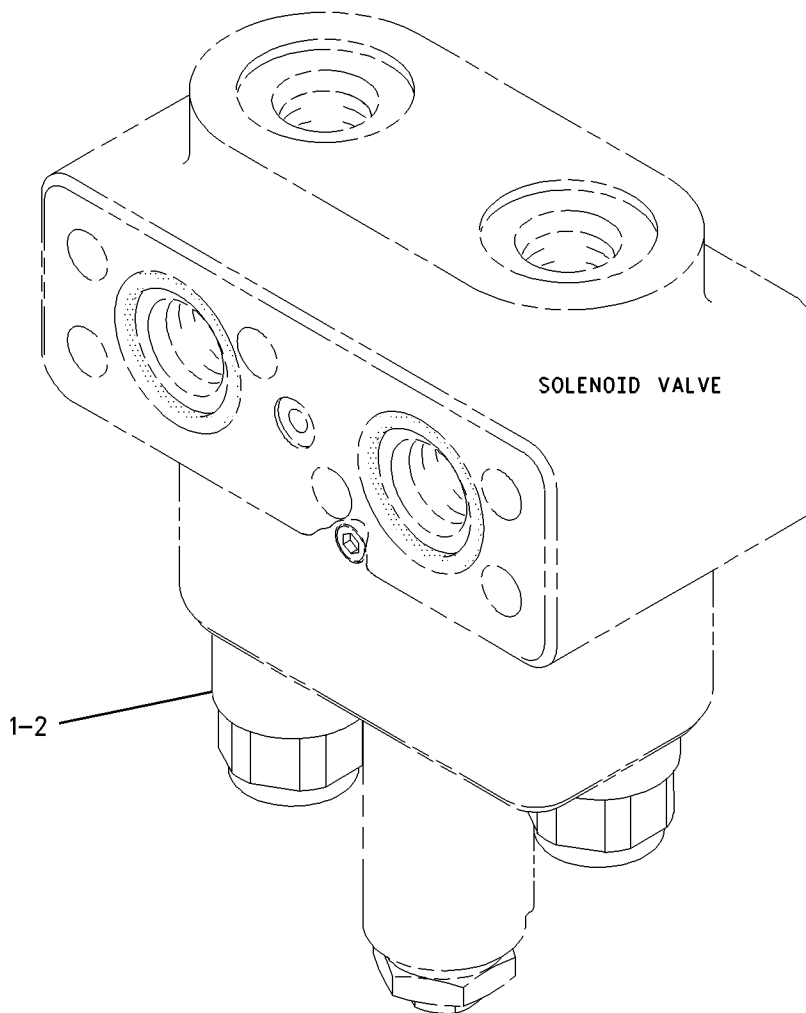
S/N: A6F1-UP; A8F1-UP

PART OF 158-9090 VALVE GP-SWING CUSHION

SMCS-5069, 5117

i02444489

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	095-1785	1	RING-BACKUP						
	2	1	095-1586	1	SEAL-O-RING						



GRAPHIC #1

<END>

g00672771

HYDRAULIC SYSTEM

177-2653 VALVE GP-RELIEF

S/N: A6F1-UP; A8F1-UP

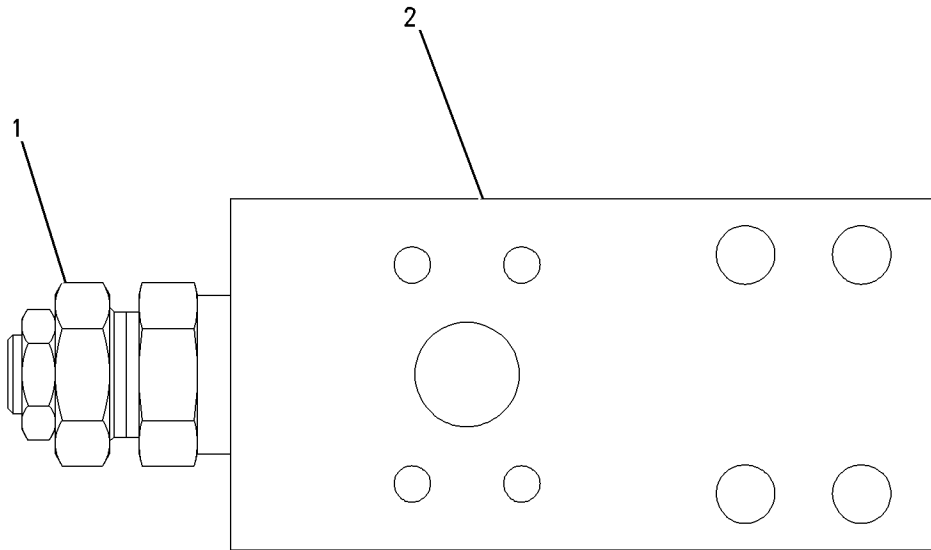
PART OF 260-8006, 260-8007, 260-8008 LINES GP-FRONT
AN ATTACHMENT

SMCS-5069, 5117

i01893642

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
CY	1	1	222-0084	1	VALVE GP-RELIEF (LINE)	541
Z	2	1			BLOCK	

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION
Z-NOT SERVICED SEPARATELY



GRAPHIC #1

<END>

g00684155

HYDRAULIC SYSTEM

201-9352 VALVE GP-RELIEF

S/N: A6F1-UP; A8F1-UP

PART OF 185-0490 VALVE GP-FLOW CONTROL & RELIEF
AN ATTACHMENT

SMCS-5069, 5117

i01889473

NOTE	PART NUMBER	QTY	PART NAME	SEE PAGE
			1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	201-9353	1	VALVE GP-PILOT RELIEF	530
			-OR-	
Y	105-1321	1	VALVE GP-PILOT RELIEF	529
Y-SEPARATE ILLUSTRATION				

<END>

HYDRAULIC SYSTEM

204-2755 VALVE GP-RELIEF

S/N: A6F1-UP; A8F1-UP

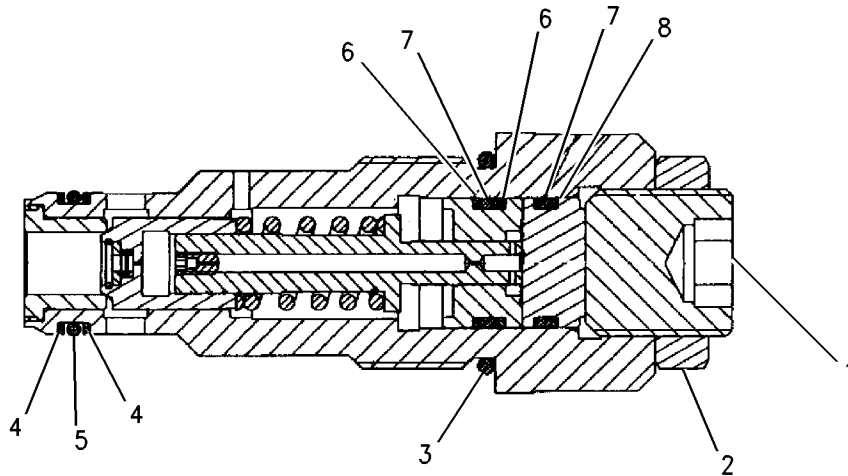
PART OF 204-2819 VALVE GP-TRAVEL COUNTERBALANCE

SMCS-5069, 5117

i02069521

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	7Y-8436	1	SCREW						
M	2	1	7Y-8437	1	NUT (M27X2-THD)						
	3	1	095-1601	1	SEAL-O-RING						
	4	1	095-1787	2	RING-BACKUP						
	5	1	095-1590	1	SEAL-O-RING						
	6	1	121-1459	2	RING-BACKUP						
	7	1	095-1586	2	SEAL-O-RING						
	8	1	095-1785	1	RING-BACKUP						

M-METRIC PART



GRAPHIC #1

<END>

g00826520

HYDRAULIC SYSTEM

222-0084 VALVE GP-RELIEF

S/N: A6F1-UP; A8F1-UP

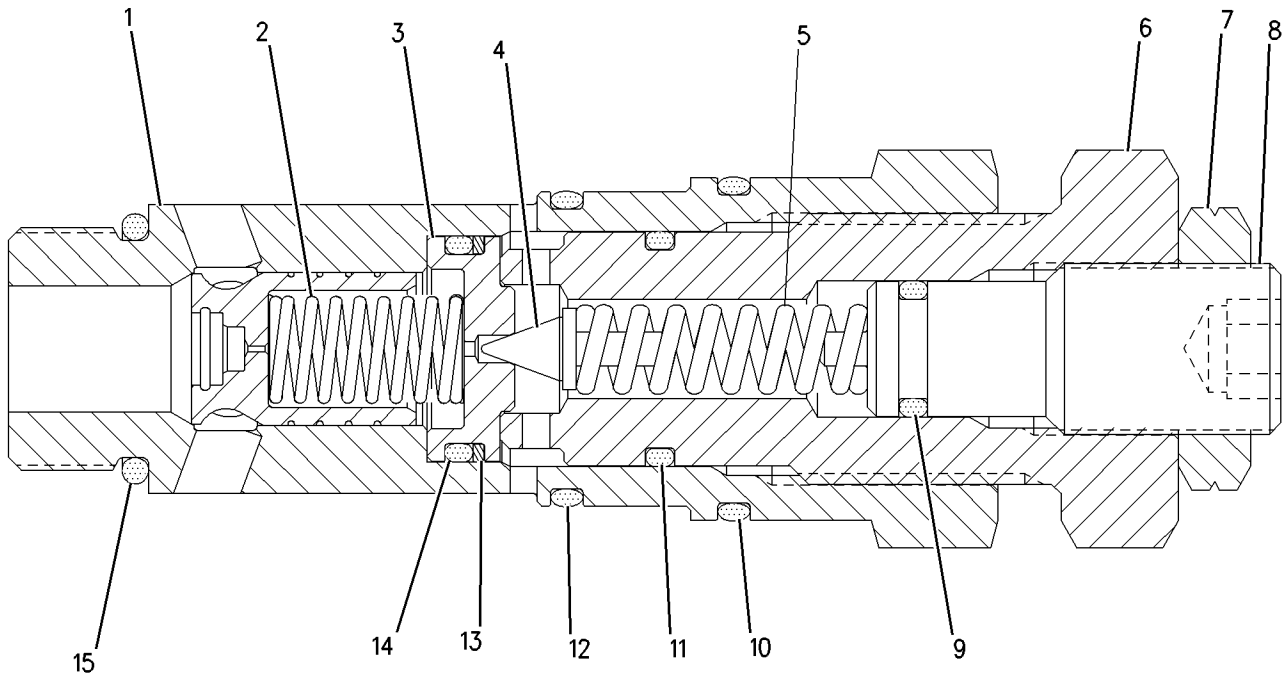
PART OF 177-2653 VALVE GP-RELIEF
AN ATTACHMENT

SMCS-5069, 5117

i01893639

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
Z	1	1		1	VALVE GP-RELIEF	
	2	1	6I-6795	1	SPRING	
	3	1	171-0034	1	SEAT	
	4	1	171-0037	1	VALVE	
	5	1	4I-3510	1	SPRING	
	6	1	171-0035	1	HOLDER	
	7	1	222-0085	1	NUT (3/4-16-THD)	
	8	1	171-0036	1	ADJUSTER	
	9	1	095-1579	1	SEAL-O-RING	
	10	1	6V-8218	1	SEAL-O-RING	
	11	1	095-1590	1	SEAL-O-RING	
	12	1	6V-8978	1	SEAL-O-RING	
	13	1	095-1786	1	RING-BACKUP	
	14	1	095-1587	1	SEAL-O-RING	
	15	1	3D-2824	1	SEAL-O-RING	

Z-NOT SERVICED SEPARATELY



GRAPHIC #1

<END>

g00927977

HYDRAULIC SYSTEM

239-8774 VALVE GP-RELIEF—MAIN, INCREASED LIFT

S/N: A6F1-UP; A8F1-UP

PART OF 259-7662 VALVE GP-CONTROL
AN ATTACHMENT

SMCS-5069, 5117

i02499332

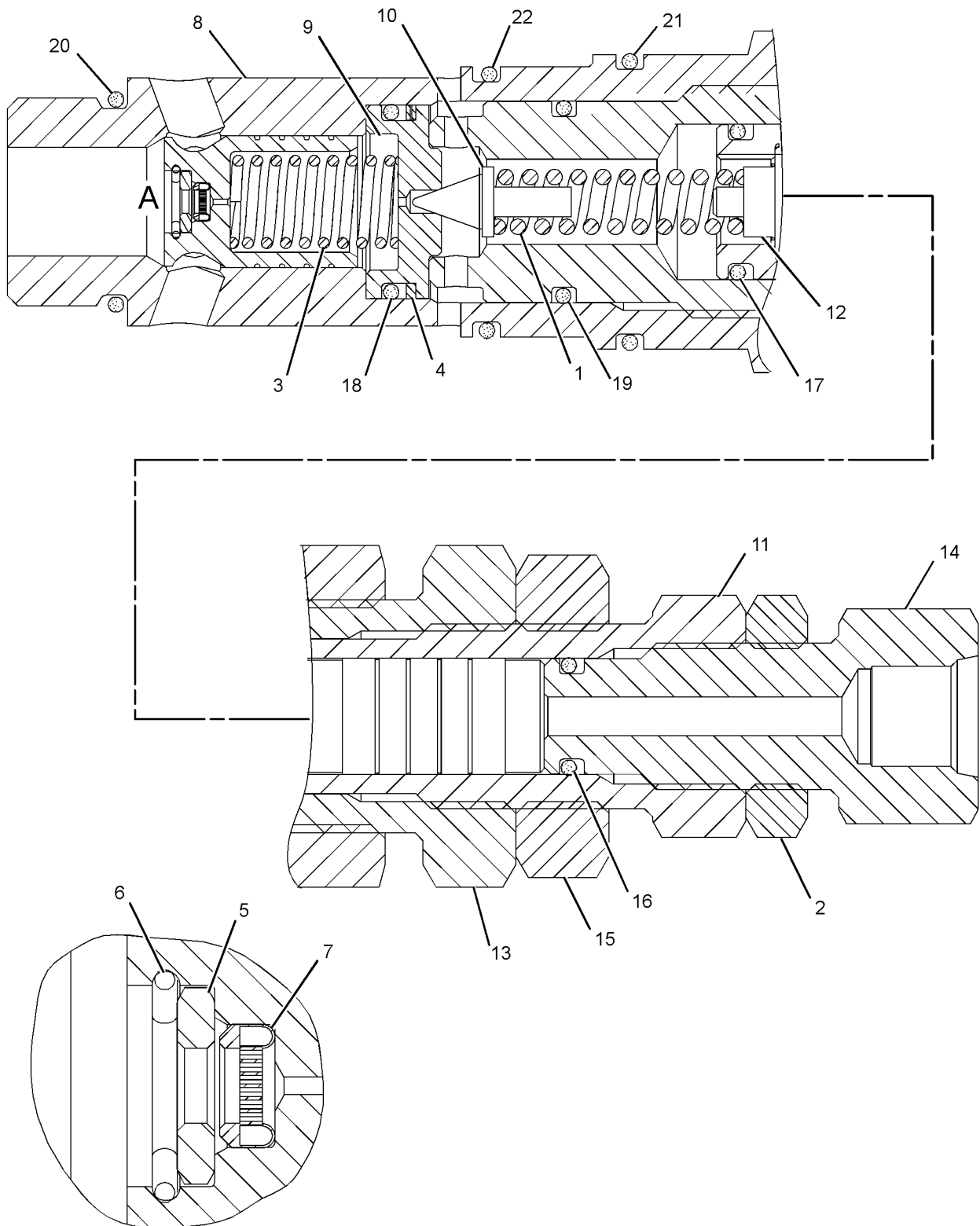
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4I-3510	1	SPRING						
	2	1	4I-7714	1	NUT (3/4-16-THD)						
	3	1	6I-6795	1	SPRING						
	4	1	095-1786	1	RING-BACKUP						
	5	1	107-6540	1	COLLAR						
	6	1	107-6541	1	RING-RETAINING						
	7	1	119-5398	1	FILTER						
Z	8	1		1	VALVE GP-RELIEF						
	9	1	171-0034	1	SEAT						
	10	1	171-0037	1	VALVE						
	11	1	259-7848	1	SLEEVE						
	12	1	259-7849	1	PISTON						
	13	1	259-7850	1	SLEEVE						
	14	1	259-7851	1	ADJUSTER						
	15	1	259-7852	1	NUT (M24X2-THD)						
	16	1	095-1579	1	SEAL-O-RING						
	17	1	095-1584	1	SEAL-O-RING						
	18	1	095-1587	1	SEAL-O-RING						
	19	1	095-1590	1	SEAL-O-RING						
	20	1	3D-2824	1	SEAL-O-RING						
	21	1	6V-8218	1	SEAL-O-RING						
	22	1	6V-8978	1	SEAL-O-RING						

Z - NOT SERVICED SEPARATELY

HYDRAULIC SYSTEM

239 - 8774 VALVE GP-RELIEF (contd.)

i02499332



VIEW OF AREA A

GRAPHIC #1

<END>

g01202793

HYDRAULIC SYSTEM

255-5660 VALVE GP-RELIEF-MAIN

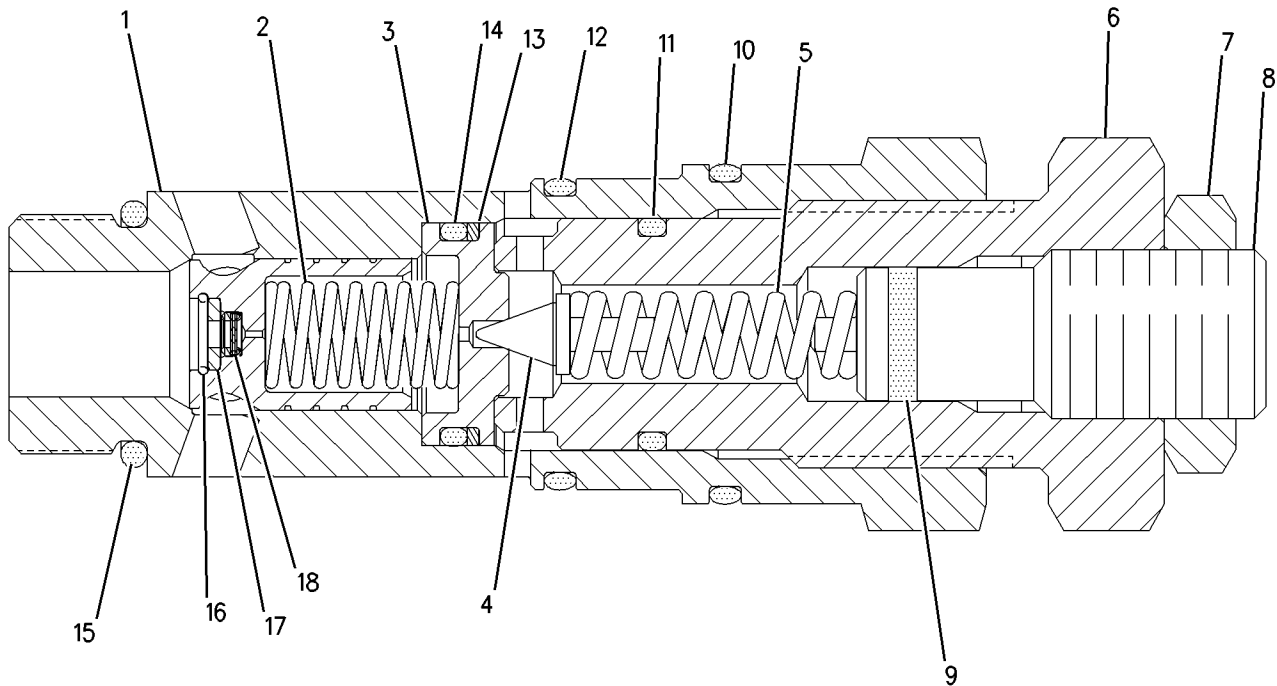
S/N: A6F1-UP; A8F1-UP

PART OF 259-7466 VALVE GP-CONTROL

SMCS-5069, 5117

i02780545

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	171-0031	1	VALVE GP-RELIEF						
	2	1	6I-6795	1	SPRING						
	3	1	171-0034	1	SEAT						
	4	1	171-0037	1	VALVE						
	5	1	4I-3510	1	SPRING						
	6	1	171-0035	1	HOLDER						
	7	1	4I-7714	1	NUT (3/4-16-THD)						
	8	1	171-0036	1	ADJUSTER						
	9	1	095-1579	1	SEAL-O-RING						
	10	1	6V-8218	1	SEAL-O-RING						
	11	1	095-1590	1	SEAL-O-RING						
	12	1	6V-8978	1	SEAL-O-RING						
	13	1	095-1786	1	RING-BACKUP						
	14	1	095-1587	1	SEAL-O-RING						
	15	1	3D-2824	1	SEAL-O-RING						
	16	1	107-6541	1	RING-RETAINING						
	17	1	107-6540	1	COLLAR						
	18	1	119-5398	1	FILTER (RELIEF VALVE)						



GRAPHIC #1

<END>

g00680513

HYDRAULIC SYSTEM

255-5661 VALVE GP-RELIEF-LINE

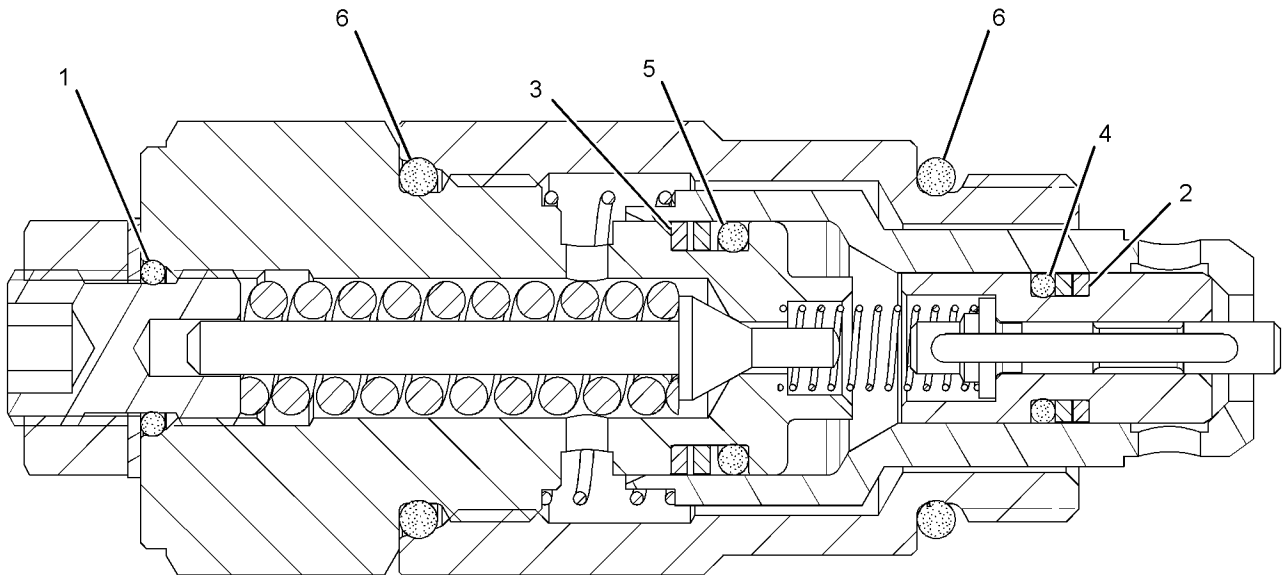
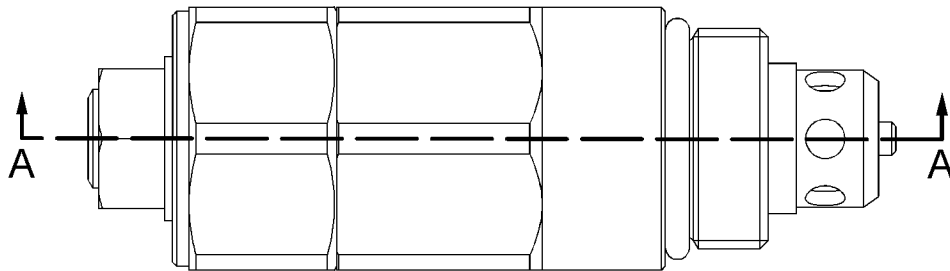
S/N: A6F1-UP; A8F1-UP

PART OF 259-7378, 259-7465, 259-7466, 259-7662 VALVE GP-CONTROL
ALSO AN ATTACHMENT

SMCS-5069, 5117

i02498673

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	095-1578	1	SEAL-O-RING						
	2	1	103-8252	2	RING						
	3	1	103-8253	2	RING						
	4	1	103-8254	1	SEAL-O-RING						
	5	1	103-8255	1	SEAL-O-RING						
	6	1	3D-2824	2	SEAL-O-RING						



SECTION A-A

<END>

GRAPHIC #1

g01251398

HYDRAULIC SYSTEM

255-5662 VALVE GP-RELIEF-LINE

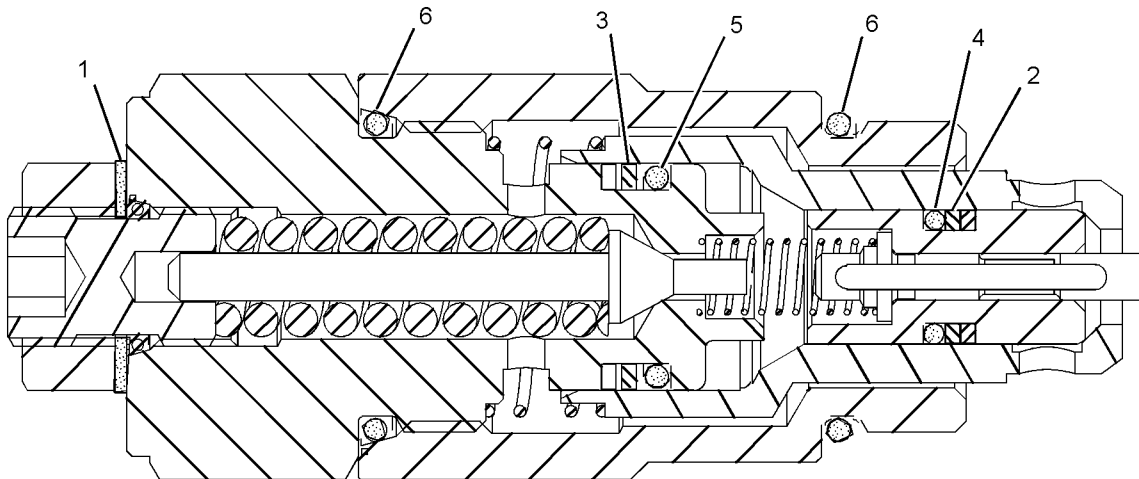
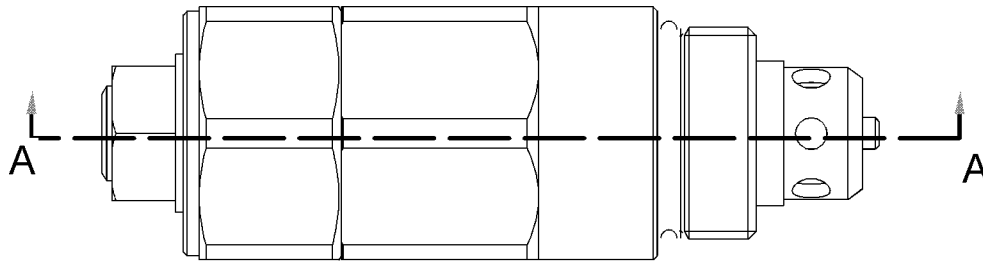
S/N: A6F1-UP; A8F1-UP

PART OF 255-5680, 255-5683 VALVE GP-LOAD CONTROL

SMCS-5069, 5117

i02499537

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	095-1578	1	SEAL-O-RING						
	2	1	103-8252	2	RING						
	3	1	103-8253	2	RING						
	4	1	103-8254	1	SEAL-O-RING						
	5	1	103-8255	1	SEAL-O-RING						
	6	1	3D-2824	2	SEAL-O-RING						



SECTION A-A
<END>

GRAPHIC #1

g01152131

HYDRAULIC SYSTEM

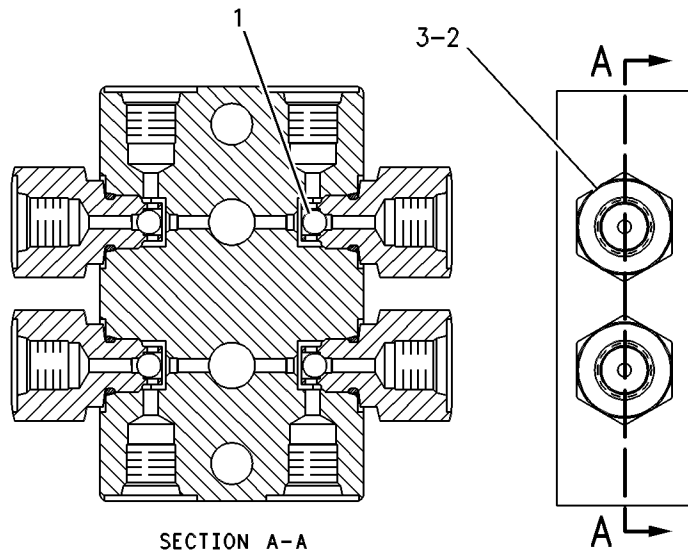
112-0083 VALVE GP-SHUTTLE

S/N: A6F1-UP; A8F1-UP
PART OF 255-1843 LINES GP-PILOT
AN ATTACHMENT

SMCS-5079

i01683227

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2D-6642	4	BALL						
	2	1	112-0085	4	PLUG						
	3	1	3J-1907	4	SEAL-O-RING						



GRAPHIC #1

<END>

g00258739

HYDRAULIC SYSTEM

123-2430 VALVE GP-SHUTTLE

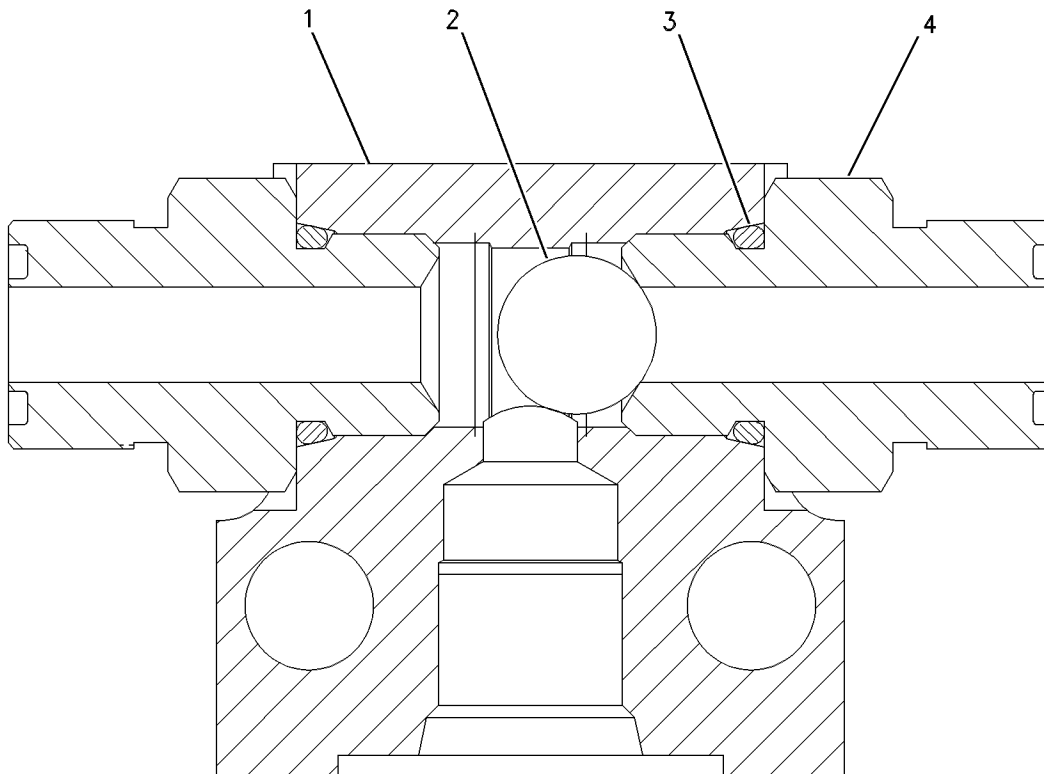
S/N: A8F1-UP

PART OF 255-1802 LINES GP-PILOT
AN ATTACHMENT

SMCS-5079

i01374203

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	123-2431	1	BODY-VALVE						
	2	1	4B-9783	1	BALL						
	3	1	3J-1907	2	SEAL-O-RING						
	4	1	123-2552	2	CONNECTOR						



GRAPHIC #1

<END>

g00652899

HYDRAULIC SYSTEM

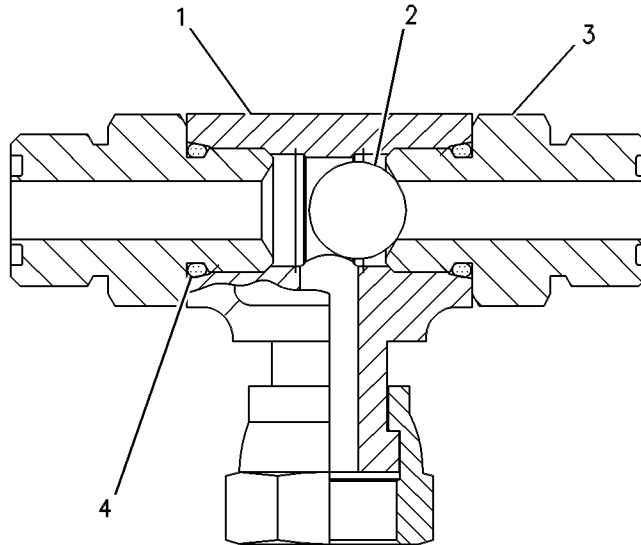
123-2549 VALVE GP-SHUTTLE

S/N: A6F1-UP; A8F1-UP
PART OF 275-1409 LINES GP-FRONT
AN ATTACHMENT

SMCS-5079

i02663291

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	123-2511	1	TEE						
	2	1	4B-9783	1	BALL						
	3	1	123-2552	2	CONNECTOR						
	4	1	3J-1907	2	SEAL-O-RING						



GRAPHIC #1

<END>

g00274258

HYDRAULIC SYSTEM

185-0462 VALVE GP-SHUTTLE

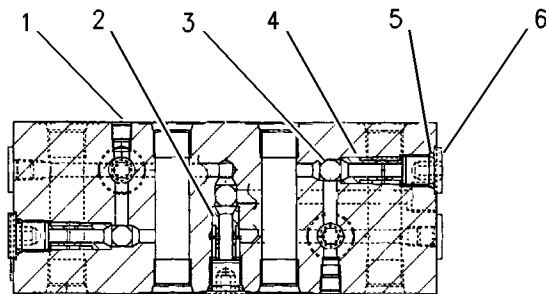
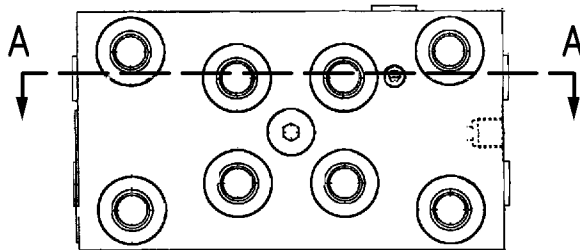
S/N: A6F1-UP; A8F1-UP

PART OF 248-9825 LINES GP-PILOT

SMCS-5079

i01375688

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7I-8084	4	PLUG						
	2	1	185-0463	1	SEAT						
	3	1	4B-9880	7	BALL						
	4	1	165-9464	6	SEAT						
	5	1	095-1578	7	SEAL-O-RING						
	6	1	107-6479	7	PLUG						



SECTION A-A

GRAPHIC #1

<END>

g00699270

HYDRAULIC SYSTEM

259-7732 VALVE GP-SHUTTLE

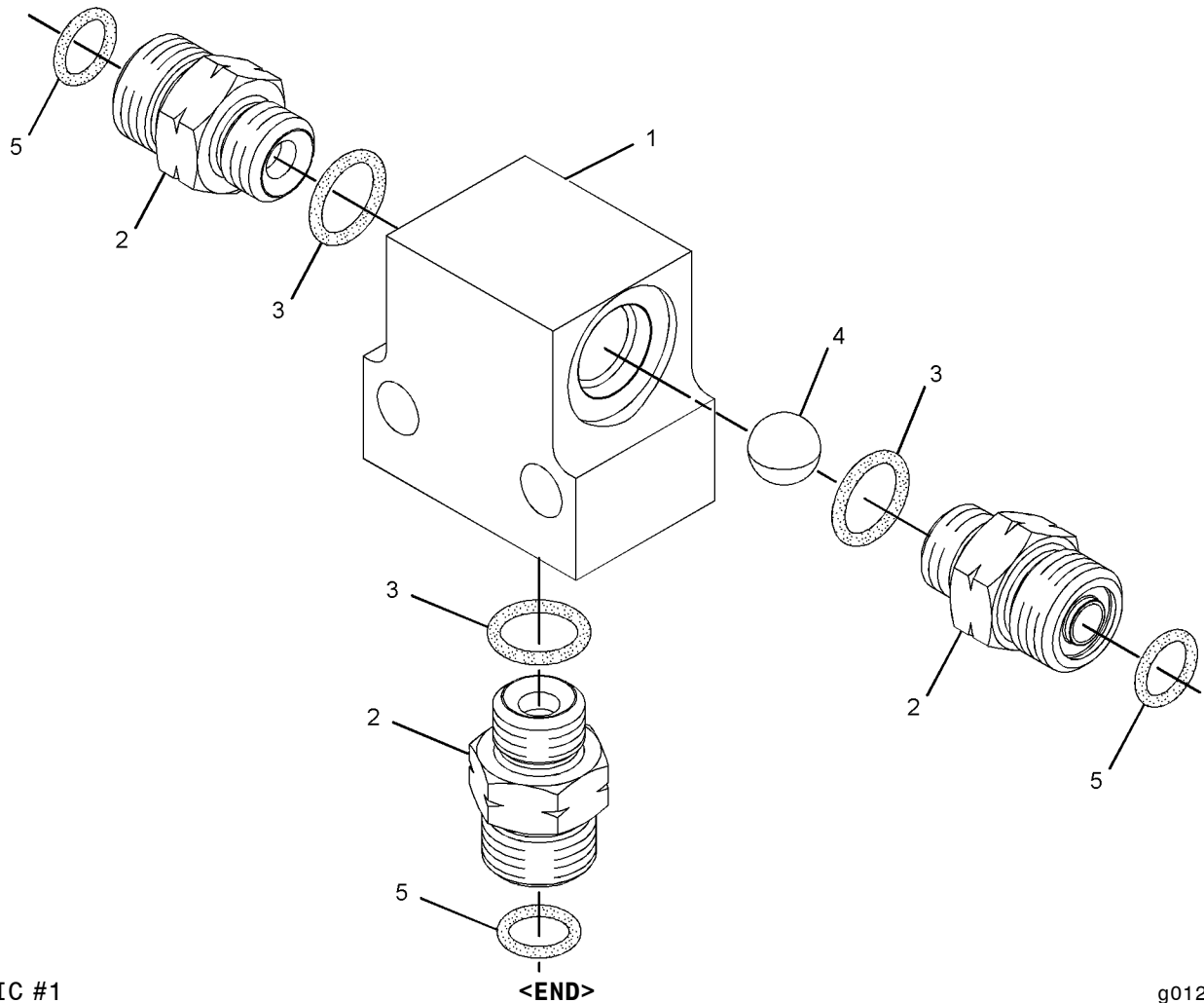
S/N: A6F1-UP; A8F1-UP

PART OF 248-9851 LINES GP-PILOT

SMCS-5079

i02772185

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Z	1	1		1	BODY - VALVE						
	2	1	259-7733	3	CONNECTOR						
	3	1	3J-1907	3	SEAL - O - RING						
	4	1	4B-9783	1	BALL						
	5	1	6V-8397	3	SEAL - O - RING						
Z - NOT SERVICED SEPARATELY											



g01254120

HYDRAULIC SYSTEM

111-9916 VALVE GP-SOLENOID

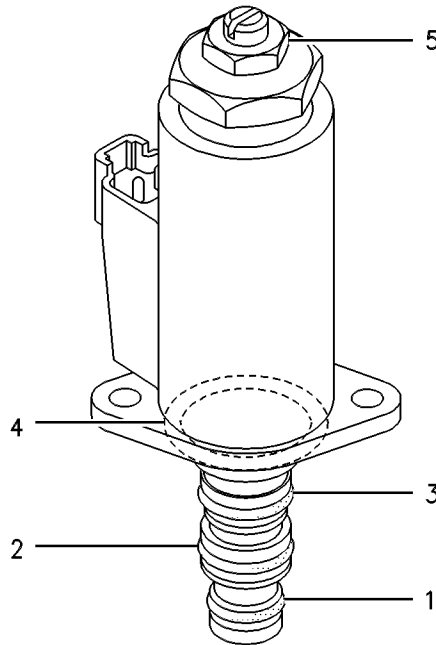
S/N: A6F1-UP; A8F1-UP

PART OF 256-0093 HEAD GP-PUMP, 171-0188 VALVE GP-SOLENOID
ALSO AN ATTACHMENT

SMCS-5479

i01401641

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6M-5062	1	SEAL-O-RING						
	2	1	4K-2039	1	SEAL-O-RING						
	3	1	5L-4758	1	SEAL-O-RING						
	4	1	095-1586	1	SEAL-O-RING						
M	5	1	114-0623	1	NUT AS (M6X1-THD)						
M-METRIC PART											



GRAPHIC #1

<END>

g00258219

HYDRAULIC SYSTEM

116-3526 VALVE GP-SOLENOID

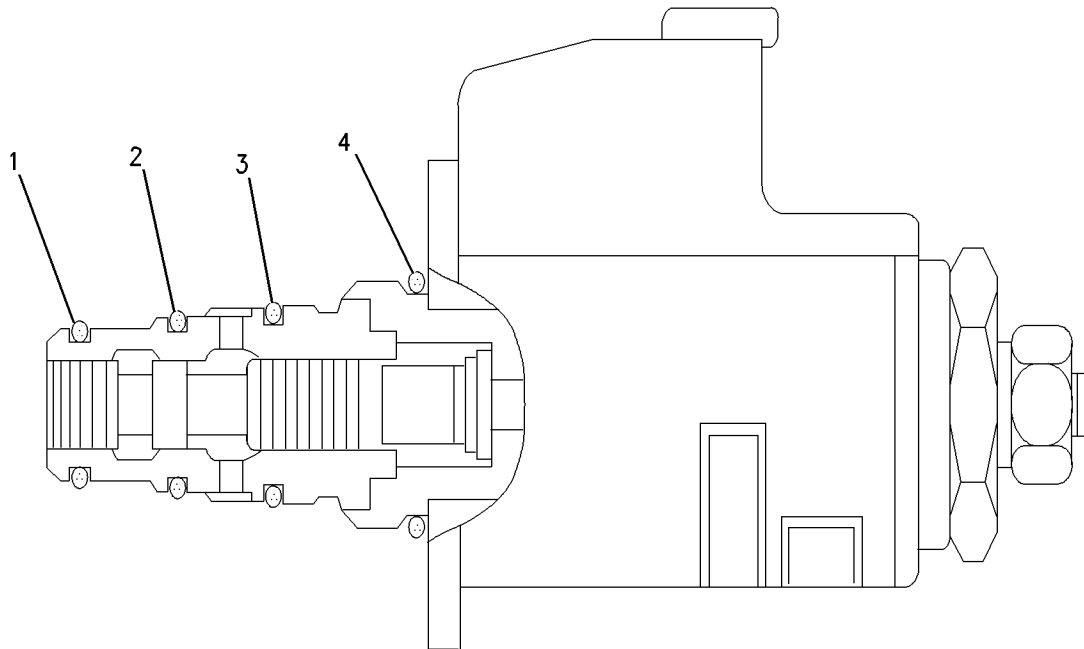
S/N: A6F1-UP; A8F1-UP

PART OF 158-9090 VALVE GP-SWING CUSHION

SMCS-5479

i02444486

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	126-6514	1	SEAL-O-RING						
	2	1	126-6515	1	SEAL-O-RING						
	3	1	126-6516	1	SEAL-O-RING						
	4	1	095-1586	1	SEAL-O-RING						



GRAPHIC #1

<END>

g00669557

HYDRAULIC SYSTEM

121-1491 VALVE GP-SOLENOID

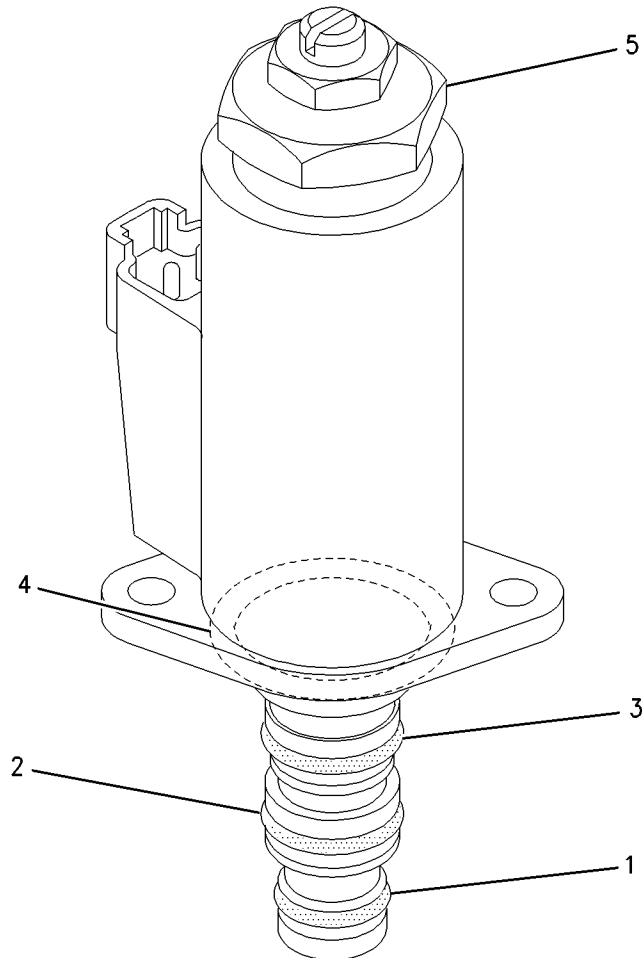
S/N: A6F1-UP; A8F1-UP

PART OF 239-8697, 239-8998 MANIFOLD GP-CONTROL, 259-7466, 259-7662 VALVE GP-CONTROL, 254-3080 VALVE GP-COUPLER, 165-9549, 258-6749 VALVE GP-SOLENOID ALSO AN ATTACHMENT

SMCS-5479

i02198057

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	095 - 1750	1	SEAL - O - RING						
	2	1	6V - 8398	1	SEAL - O - RING						
	3	1	095 - 1751	1	SEAL - O - RING						
	4	1	095 - 1586	1	SEAL - O - RING						
M	5	1	114 - 0623	1	NUT AS (M6X1 - THD)						
M - METRIC PART											



GRAPHIC #1

<END>

g00928680

HYDRAULIC SYSTEM

121-6303 VALVE GP-SOLENOID

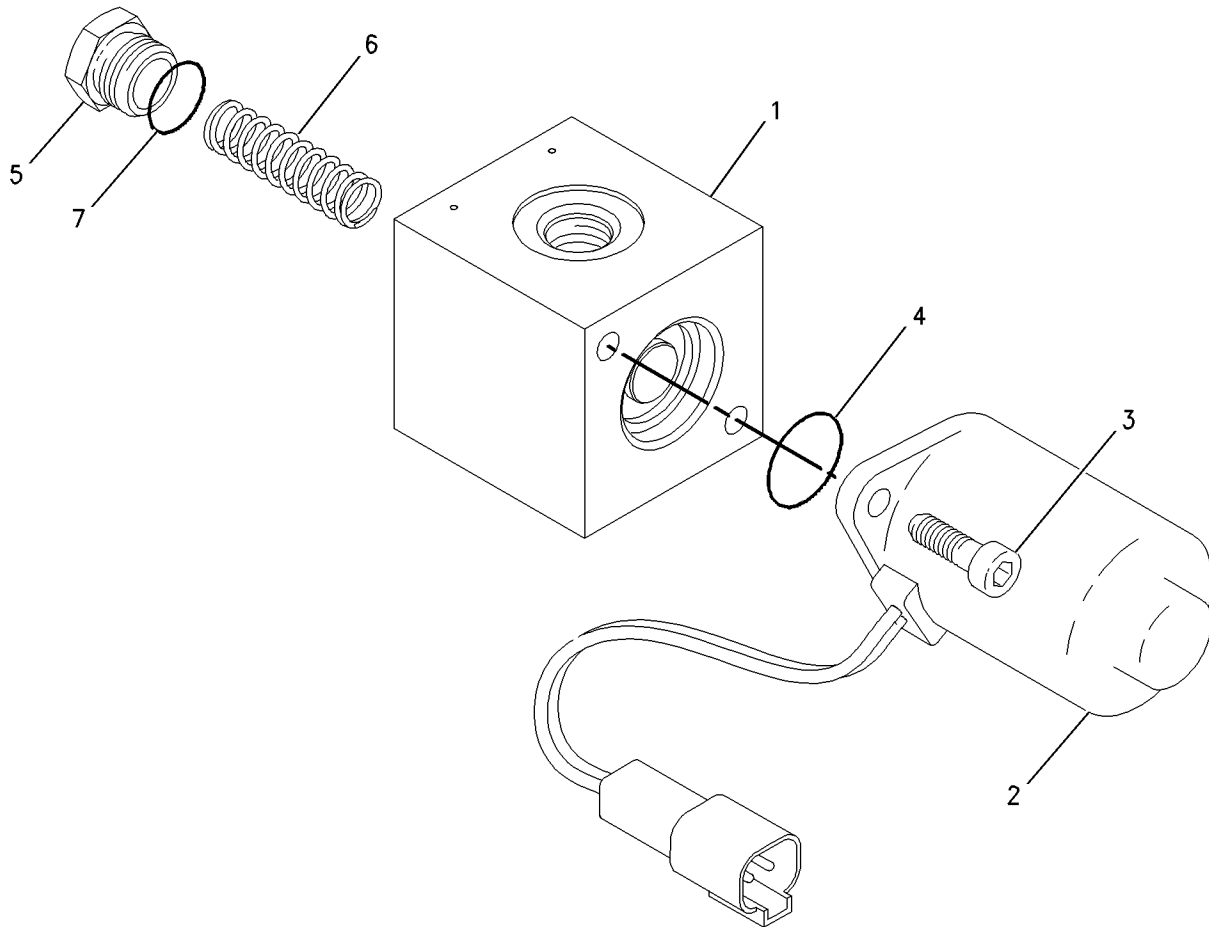
S/N: A6F1-UP; A8F1-UP
PART OF 255-1659 LINES GP-PILOT
AN ATTACHMENT

SMCS-5479

i01404813

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7I-8102	1	VALVE AS						
	2	1	121-6304	1	COIL GP						
M	3	1	099-0822	2	BOLT-SOCKET HEAD (M5X0.8X10-MM)						
	4	1	095-1519	1	SEAL-O-RING						
	5	1	7I-0986	1	PLUG						
	6	1	7I-7403	1	SPRING						
	7	1	095-1578	1	SEAL-O-RING						

M-METRIC PART



GRAPHIC #1

<END>

g00685554

HYDRAULIC SYSTEM

165-9549 VALVE GP-SOLENOID

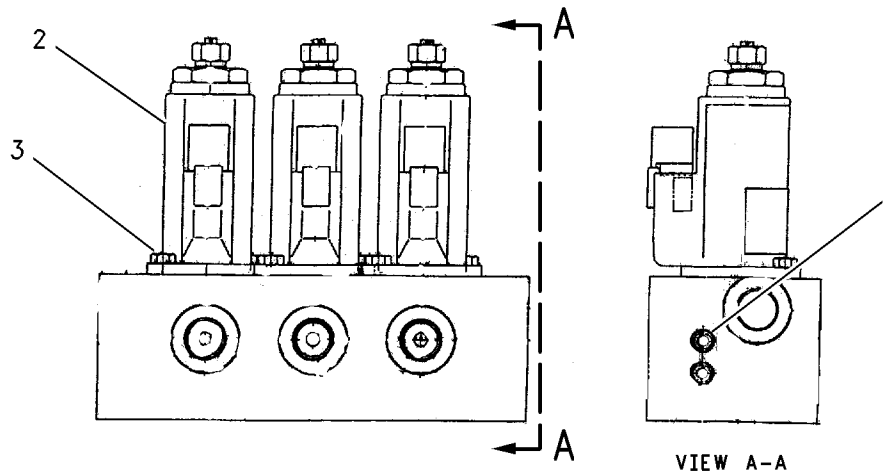
S/N: A6F1-UP; A8F1-UP

PART OF 260-7974, 260-7986 LINES GP-PILOT
AN ATTACHMENT

SMCS-5479

i02786789

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7I - 8084	4	PLUG						
Y	2	1	121 - 1491	3	VALVE GP - SOLENOID						554
M	3	1	8T - 0288	6	BOLT (M5X0.8X12-MM)						
M - METRIC PART											
Y - SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g00754979

HYDRAULIC SYSTEM

171-0188 VALVE GP-SOLENOID

S/N: A6F1-UP; A8F1-UP

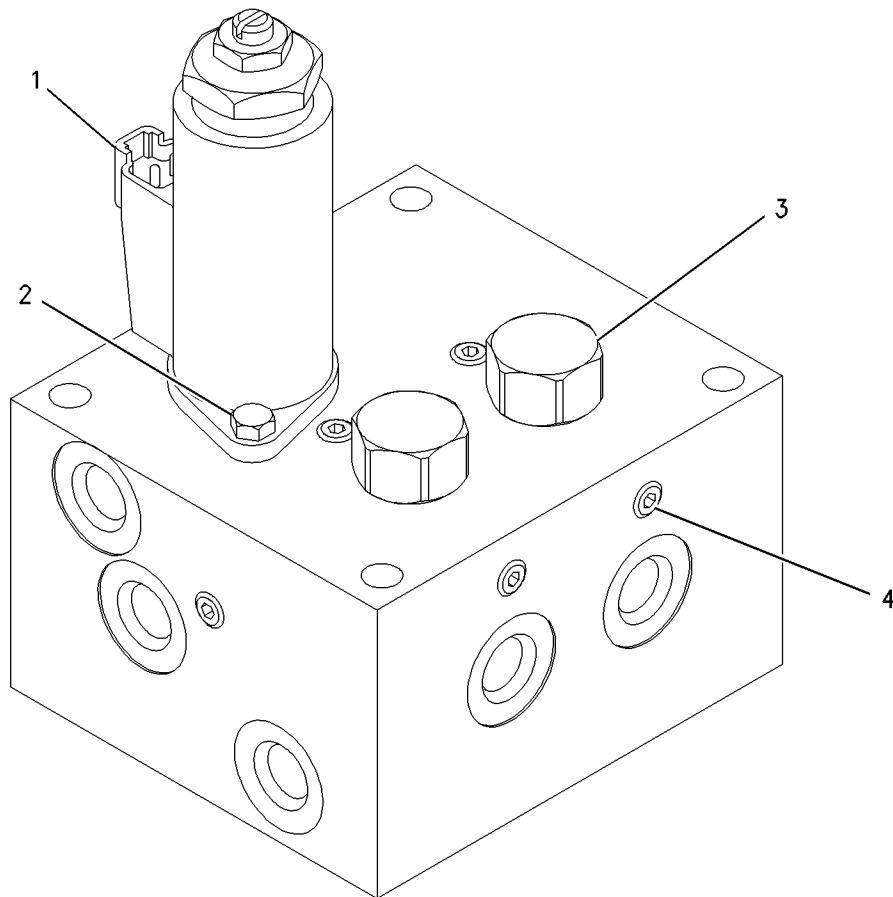
PART OF 260-7971, 260-7972, 260-7974, 260-7986 LINES GP-PILOT
AN ATTACHMENT

SMCS-5479

i01694827

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	111-9916	1	VALVE GP-SOLENOID						552
M	2	1	8T-0288	2	BOLT (M5X0.8X12-MM)						
	3	1	171-0198	2	VALVE GP-SHUTTLE						
					(EACH INCLUDES)						
		1	185-0407	1	KIT-SEAL (SHUTTLE VALVE)						
	4	1	7I-8084	6	PLUG						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00681111

HYDRAULIC SYSTEM

258-6749 VALVE GP-SOLENOID

S/N: A6F1-UP; A8F1-UP

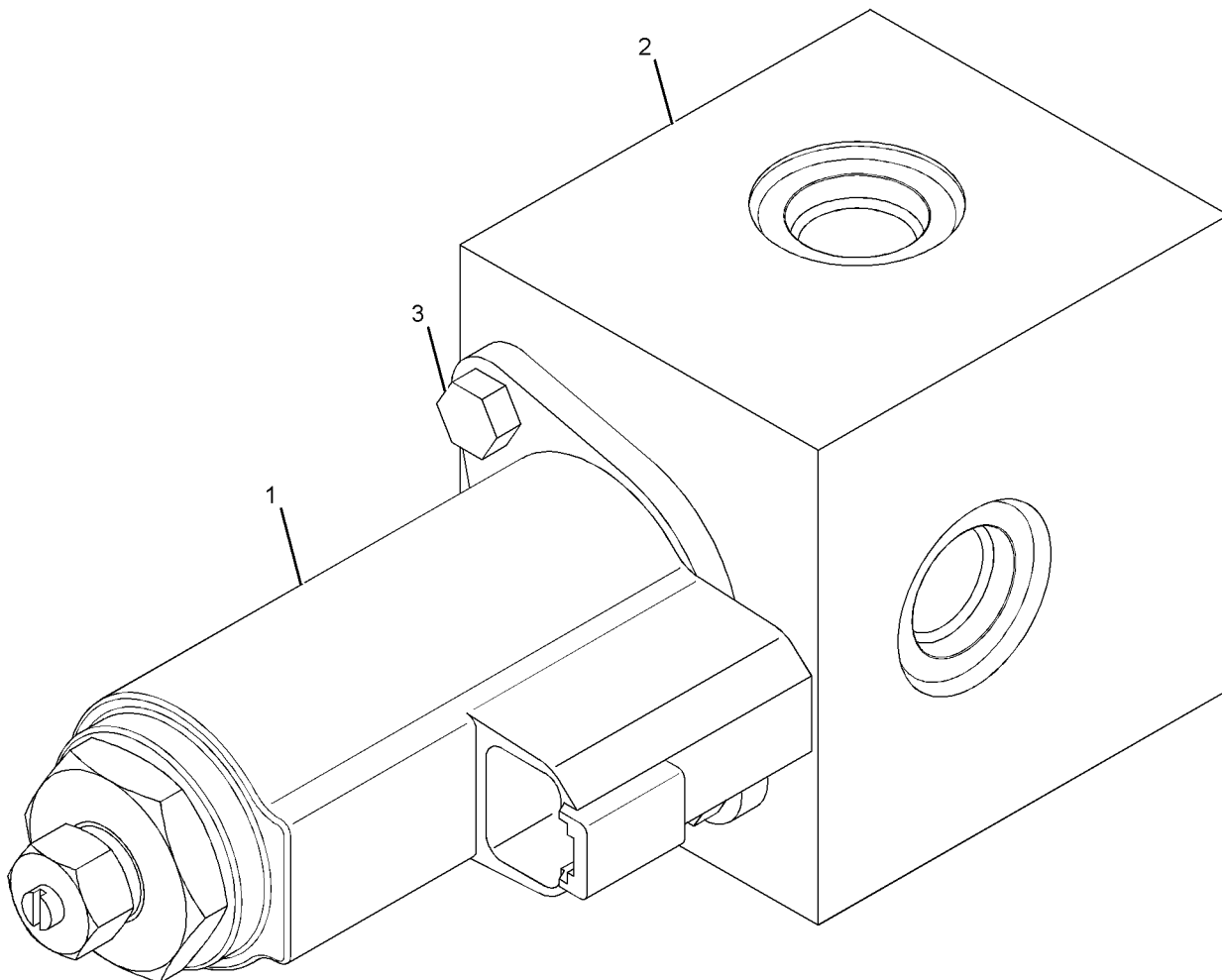
PART OF 275-1409 LINES GP-FRONT
AN ATTACHMENT

SMCS-5479

i02663308

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	121-1491	1	VALVE GP-SOLENOID (QUICK COUPLER PIN)	554
Z	2	1		1	BODY-VALVE	
M	3	1	8T-0288	2	BOLT (M5X0.8X12-MM)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION
Z-NOT SERVICED SEPARATELY



GRAPHIC #1

<END>

g01137453

HYDRAULIC SYSTEM

260-3877 VALVE GP-SOLENOID & MANIFOLD

S/N: A6F1-UP; A8F1-UP

24-VOLT

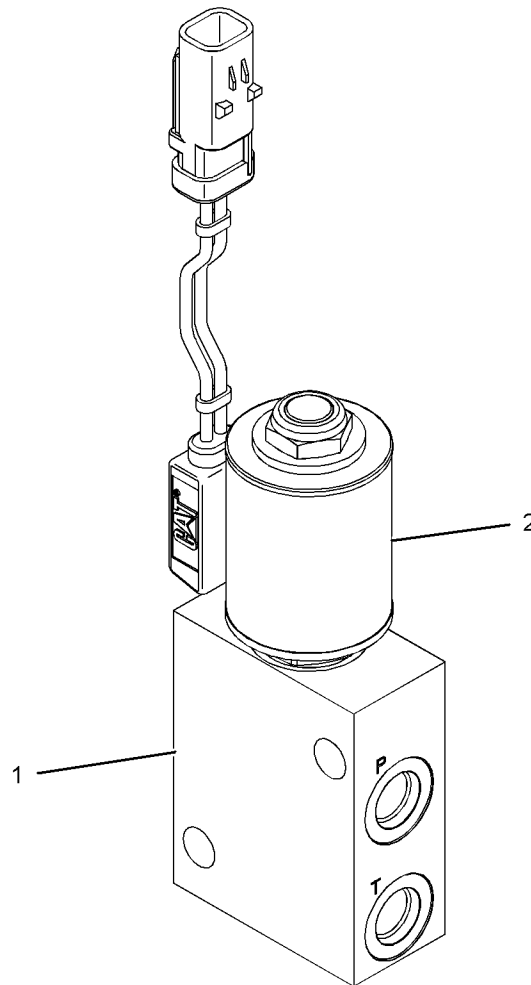
PART OF 289-5416 LINES GP-FRONT
AN ATTACHMENT

SMCS-5264, 5479

i02509086

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Z	1	1		1	MANIFOLD						
J	2	1	260-3876	1	VALVE GP-SOLENOID (QUICK COUPLER)						
		1	156-5970	1	NUT (1/2-20-2B-THD)						
		1	260-3883	1	COIL AS-SOLENOID						
		1	1S-9593	2	STRAP-CABLE						
		1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	230-4012	1	RECEPTACLE AS-CONNECTOR (2-PIN)						
AVAILABLE REPAIR KIT(S) :											
J			268-8209	1	KIT-SEAL (QUICK COUPLER SOLENOID)						
(INCLUDES RINGS AND SEALS)											

J-KIT MARKED J SERVICES PART MARKED J
Z-NOT SERVICED SEPARATELY



GRAPHIC #1

<END>

g01186590

HYDRAULIC SYSTEM

158-9090 VALVE GP-SWING CUSHION

S/N: A6F1-UP; A8F1-UP

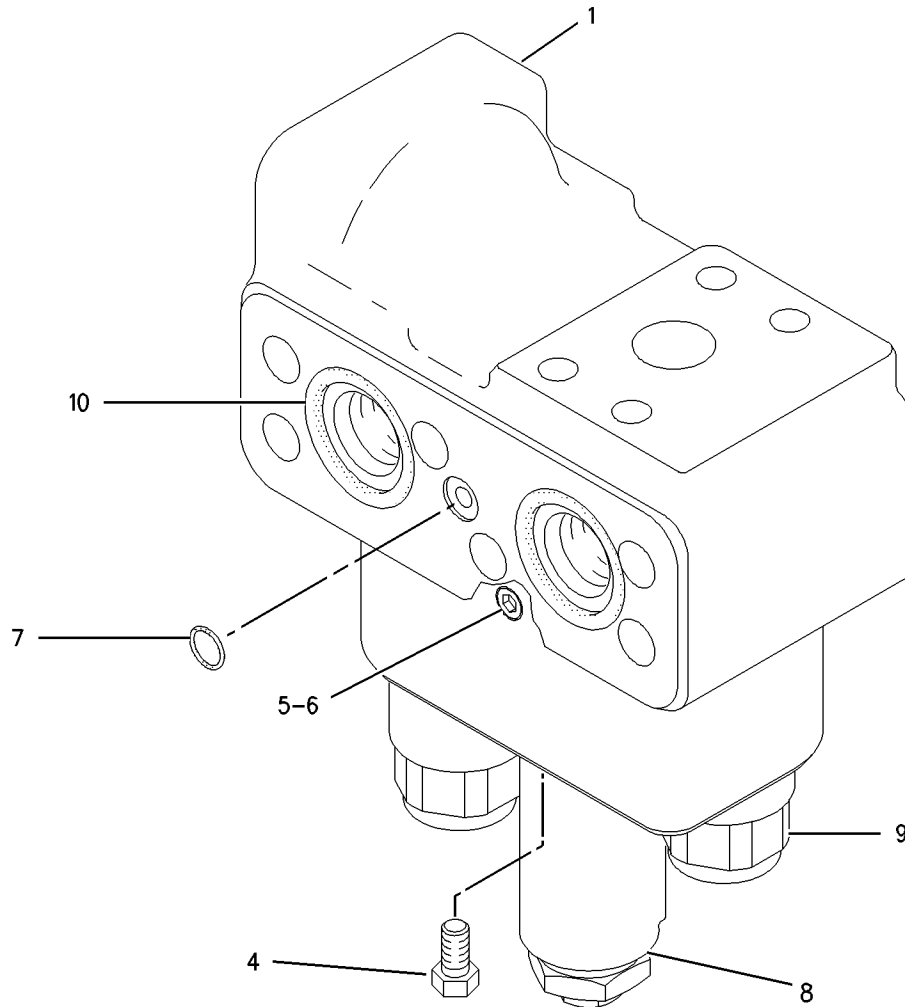
PART OF 239-1699 LINES GP-BOOM CYLINDER

SMCS-5480

i02199996

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Z	1	1		1	BODY						
M	4	1	8T-0288	2	BOLT (M5X0.8X12-MM)						
	5	1	133-6788	2	ORIFICE						
	6	1	8T-6759	6	PLUG-PIPE						
	7	1	095-1576	1	SEAL-O-RING						
Y	8	1	116-3526	1	VALVE GP-SOLENOID (24-VOLT) (FINE SWING)						553
Y	9	1	173-3536	2	VALVE GP-RELIEF (CUSHION CROSSOVER)						537
	10	1	095-1698	2	SEAL-O-RING						

M-METRIC PART
Y-SEPARATE ILLUSTRATION
Z-NOT SERVICED SEPARATELY



GRAPHIC #1

<END>

g00685474

HYDRAULIC SYSTEM

204-2819 VALVE GP-TRAVEL COUNTERBALANCE

S/N: A6F1-UP; A8F1-UP

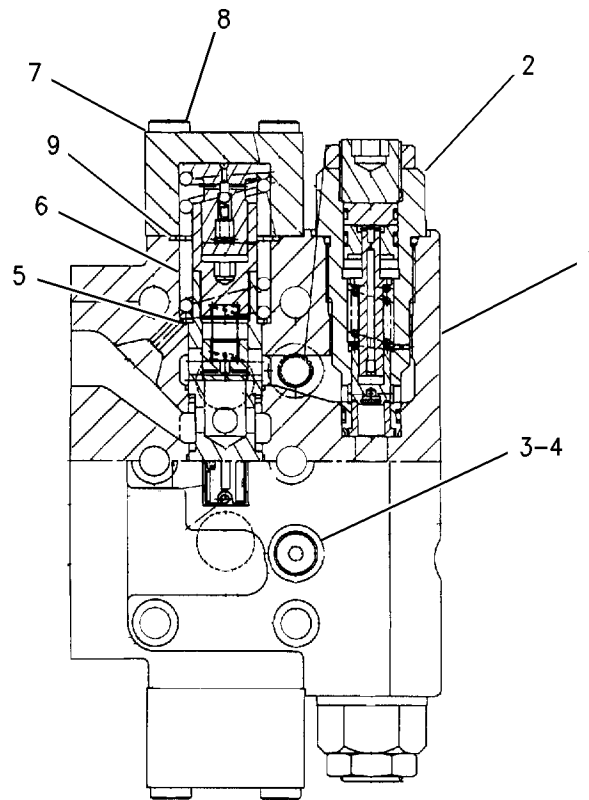
PART OF 215-9982 MOTOR & MTG GP-TRAVEL

SMCS-5811

i02069507

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	209-5917	1	VALVE GP-COUNTERBALANCE (TRAVEL)						
Y	2	1	204-2755	2	VALVE GP-RELIEF (CROSSOVER)						540
	3	1	9S-8004	2	PLUG-O-RING						
	4	1	3J-1907	2	SEAL-O-RING						
	5	1	096-1545	2	WASHER (28.5X37X2-MM THK)						
	6	1	209-5920	2	SPRING						
	7	1	204-2756	2	COVER						
M	8	1	8T-7811	8	BOLT-SOCKET HEAD (M12X1.75X50-MM)						
	9	1	5P-2568	2	SEAL-O-RING						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00835139

IMPLEMENTS

240-3833 BOOM AR-1-PIECE SHORT BOOM

S/N: A6F1-UP; A8F1-UP

AN ATTACHMENT

SMCS-6000

i02793645

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	241-7291	1	BOOM GP- 1 PIECE						567
Y	242-6730	1	CYLINDER & LINES GP-BOOM (LH)						287
Y	242-6736	1	CYLINDER & LINES GP-BOOM (RH)						287
Y	242-6750	1	CYLINDER & LINES GP-STICK						288
Y	267-7627	1	LIGHTING GP-FLOOD (SHORT BOOM, LH)						146
Y	239-1732	1	LINES GP-BOOM						357
Y	172-2939	1	LINES GP-GREASE (MASS BOOM)						569
Y-SEPARATE ILLUSTRATION									

<END>

240-3828 BOOM AR-1 PIECE LONG

S/N: A6F1-UP; A8F1-UP

AN ATTACHMENT

SMCS-6501

i02794031

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	241-7282	1	BOOM GP						563
Y	242-6730	1	CYLINDER & LINES GP-BOOM (LH)						287
Y	242-6736	1	CYLINDER & LINES GP-BOOM (RH)						287
Y	242-6733	1	CYLINDER & LINES GP-STICK						288
Y	259-5043	1	LIGHTING GP-FLOOD (BOOM, LH)						144
Y	260-8010	1	LINES GP-BOOM						358
Y	241-7286	1	LINES GP-GREASE (BOOM)						571
Y-SEPARATE ILLUSTRATION									

<END>

240-3830 BOOM AR-1 PIECE LONG-HEAVY-DUTY

S/N: A6F1-UP; A8F1-UP

AN ATTACHMENT

SMCS-6501

i02793786

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	241-7287	1	BOOM GP						565
Y	242-6730	1	CYLINDER & LINES GP-BOOM (LH)						287
Y	242-6736	1	CYLINDER & LINES GP-BOOM (RH)						287
Y	242-6743	1	CYLINDER & LINES GP-STICK						288
Y	259-5043	1	LIGHTING GP-FLOOD (BOOM, LH)						144
Y	260-8010	1	LINES GP-BOOM						358
Y	241-7286	1	LINES GP-GREASE (BOOM)						571
Y-SEPARATE ILLUSTRATION									

<END>

IMPLEMENTS

241 - 7282 BOOM GP

S/N: A6F1-UP; A8F1-UP

5.7-M (18.6-FT)

PART OF 240-3828 BOOM AR-1 PIECE LONG

AN ATTACHMENT

SMCS-6301, 6302, 6460, 6501, 6516, 6521, 6535, 6536

i02794105

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4I-3308	2	PLATE						
	2	1	4I-3309	2	SPACER (82X110X3-MM THK)						
B	3	1	093-0084	2	SHIM (1-MM THK)						
B	4	1	093-0116	2	SHIM (2-MM THK)						
	5	1	093-0349	2	WASHER (22X60X6-MM THK)						
	6	1	093-0363	1	SPACER (83X120X12-MM THK)						
B	7	1	113-2127	1	SHIM (0.5-MM THK)						
	8	1	166-1486	2	SHIM (2-MM THK)						
	9	1	176-2278	1	PIN						
	10	1	241-7283	1	BOOM & BEARING AS						
	10A	1	244-4277	2	BEARING-SLEEVE						
	11	1	264-1702	1	PIN AS						
	12	1	166-1487	2	SHIM (2-MM THK)						
	13	1	166-1495	2	SEAL-LIP TYPE						
	14	1	4I-4809	1	PIN AS						
	15	1	8T-4123	2	WASHER (22X35X3.5-MM THK)						
	16	1	8T-4223	6	WASHER-HARD (13.5X25.5X3-MM THK)						
M	17	1	8T-4780	2	BOLT (M20X2.5X30-MM)						
M	18	1	8T-4956	6	BOLT (M12X1.75X35-MM)						

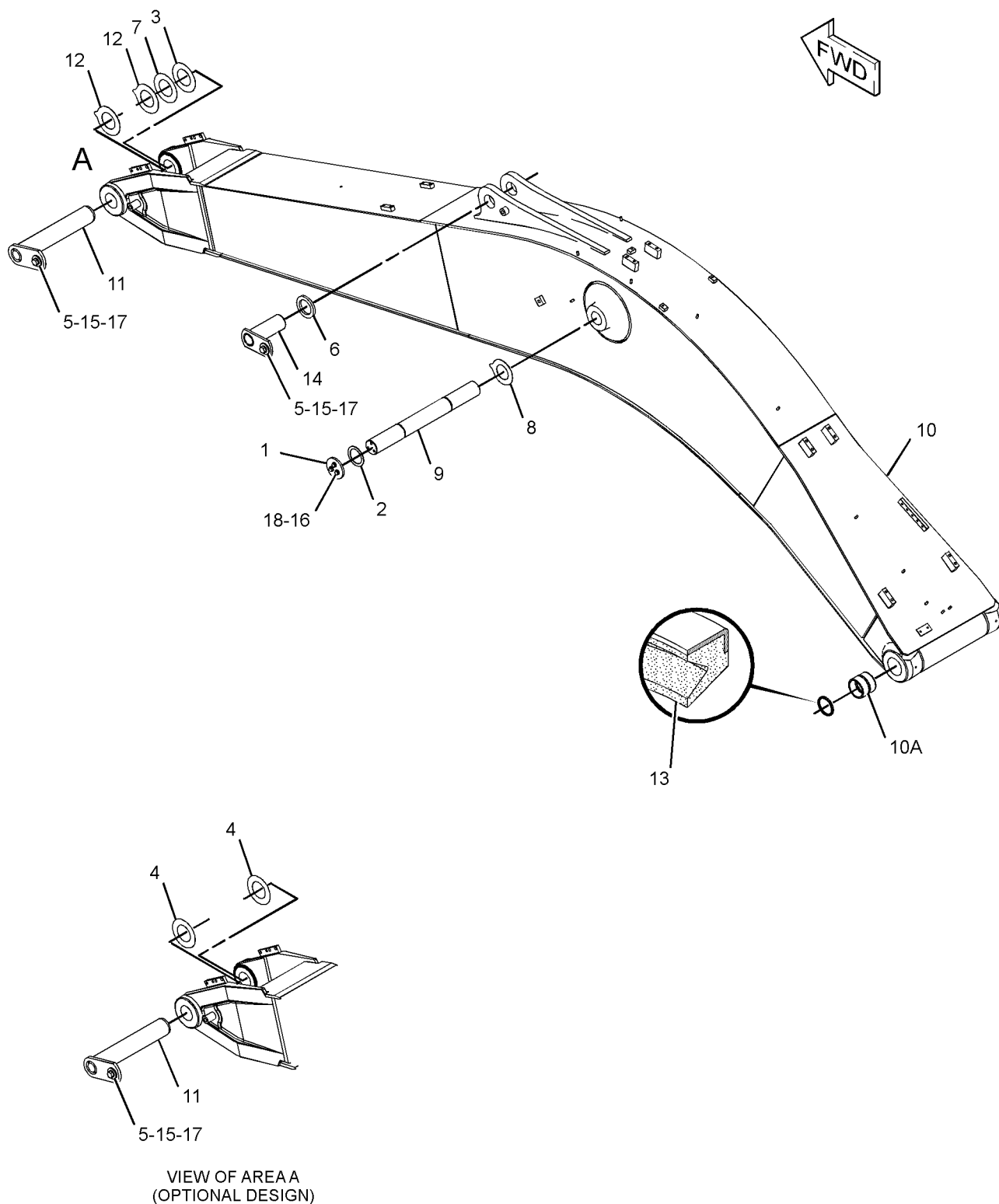
B-USE AS REQUIRED

M-METRIC PART

IMPLEMENTS

241-7282 BOOM GP (contd.)

i02794105



GRAPHIC #1

<END>

g01223105

IMPLEMENTS

241 - 7287 BOOM GP

S/N: A6F1-UP; A8F1-UP

5.6-M (18.6-FT)

PART OF 240-3830 BOOM AR-1 PIECE LONG

AN ATTACHMENT

SMCS-6301, 6302, 6460, 6501, 6516, 6521, 6535, 6536

i02794012

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4I-3308	2	PLATE						
	2	1	4I-3309	2	SPACER (82X110X3-MM THK)						
B	3	1	093-0084	2	SHIM (1-MM THK)						
B	4	1	093-0116	2	SHIM (2-MM THK)						
	5	1	093-0349	2	WASHER (22X60X6-MM THK)						
	6	1	093-0363	1	SPACER (83X120X12-MM THK)						
B	7	1	113-2127	1	SHIM (0.5-MM THK)						
	8	1	166-1486	2	SHIM (2-MM THK)						
	9	1	176-2278	1	PIN						
	10	1	241-7288	1	BOOM & BEARING AS						
	10A	1	244-4277	2	BEARING-SLEEVE						
	11	1	264-1702	1	PIN AS						
	12	1	166-1487	2	SHIM (2-MM THK)						
	13	1	166-1495	2	SEAL-LIP TYPE						
	14	1	4I-4809	1	PIN AS						
	15	1	8T-4123	2	WASHER (22X35X3.5-MM THK)						
	16	1	8T-4223	6	WASHER-HARD (13.5X25.5X3-MM THK)						
M	17	1	8T-4780	2	BOLT (M20X2.5X30-MM)						
M	18	1	8T-4956	6	BOLT (M12X1.75X35-MM)						

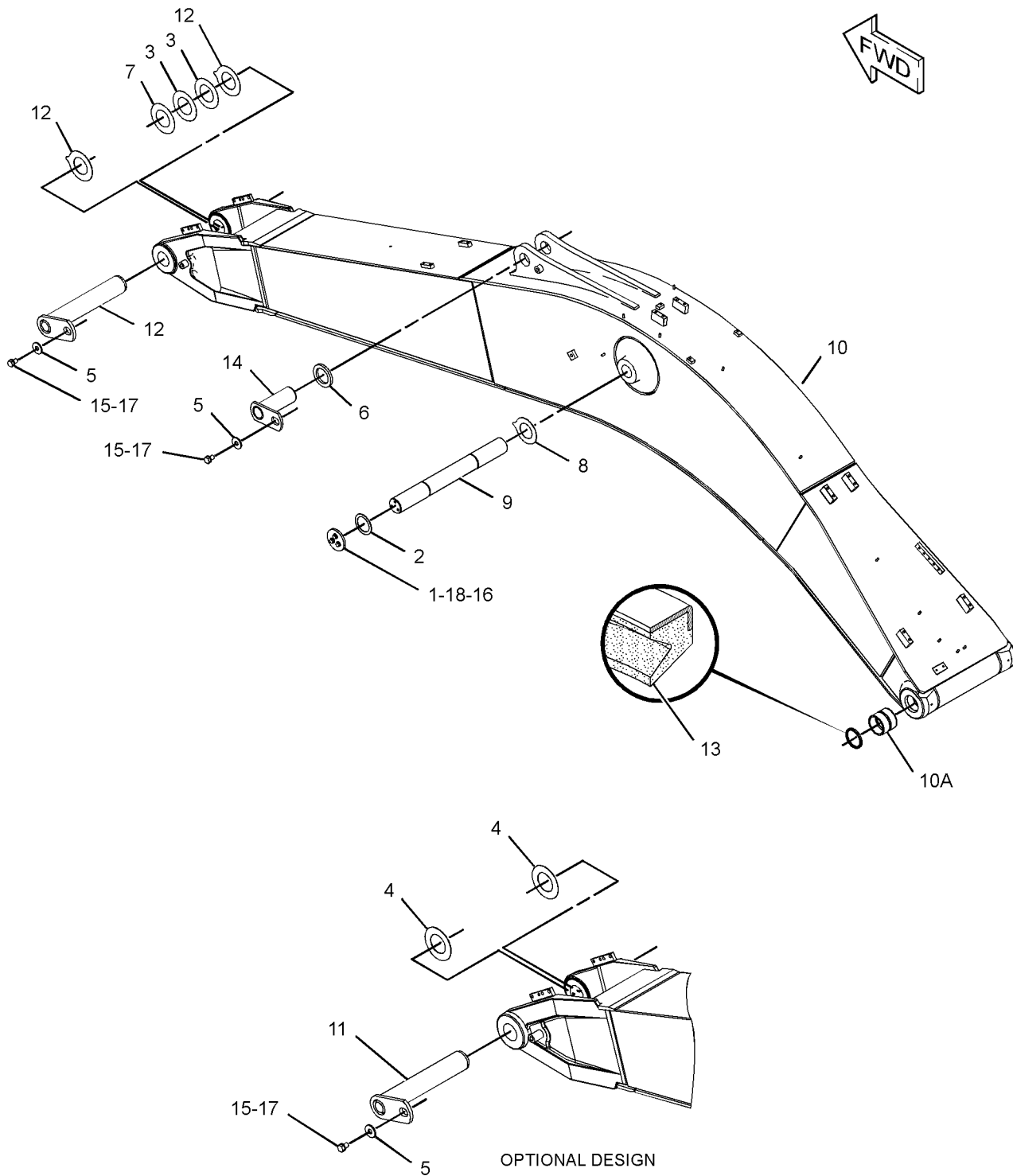
B-USE AS REQUIRED

M-METRIC PART

IMPLEMENTS

241 - 7287 BOOM GP (contd.)

i02794012



GRAPHIC #1

<END>

g01227919

IMPLEMENTS

241 - 7291 BOOM GP - 1 PIECE

S/N: A6F1-UP; A8F1-UP

5.2-M (17.1-FT)

PART OF 240-3833 BOOM AR

AN ATTACHMENT

SMCS-6501

i02793655

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4I-3308	2	PLATE						
	2	1	4I-3309	2	SPACER (82X110X3-MM THK)						
B	3	1	093-0084	2	SHIM (1-MM THK)						
J	4	1	093-0116	2	SHIM (2-MM THK)						
	5	1	093-0349	2	WASHER (22X60X6-MM THK)						
	6	1	093-0363	1	SPACER (83X120X12-MM THK)						
B	7	1	113-2127	1	SHIM (0.5-MM THK)						
	8	1	166-1486	2	SHIM (2-MM THK)						
	9	1	166-1495	2	SEAL-LIP TYPE						
	10	1	176-2278	1	PIN						
	11	1	241-7292	1	BOOM & BEARING AS						
	11A	1	244-4277	1	BEARING-SLEEVE						
	12	1	264-1702	1	PIN AS						
	13	1	166-1487	2	SHIM (2-MM THK)						
	14	1	4I-4809	1	PIN AS						
	15	1	8T-4123	2	WASHER (22X35X3.5-MM THK)						
	16	1	8T-4223	6	WASHER-HARD (13.5X25.5X3-MM THK)						
M	17	1	8T-4780	2	BOLT (M20X2.5X30-MM)						
M	18	1	8T-4956	6	BOLT (M12X1.75X35-MM)						

B-USE AS REQUIRED

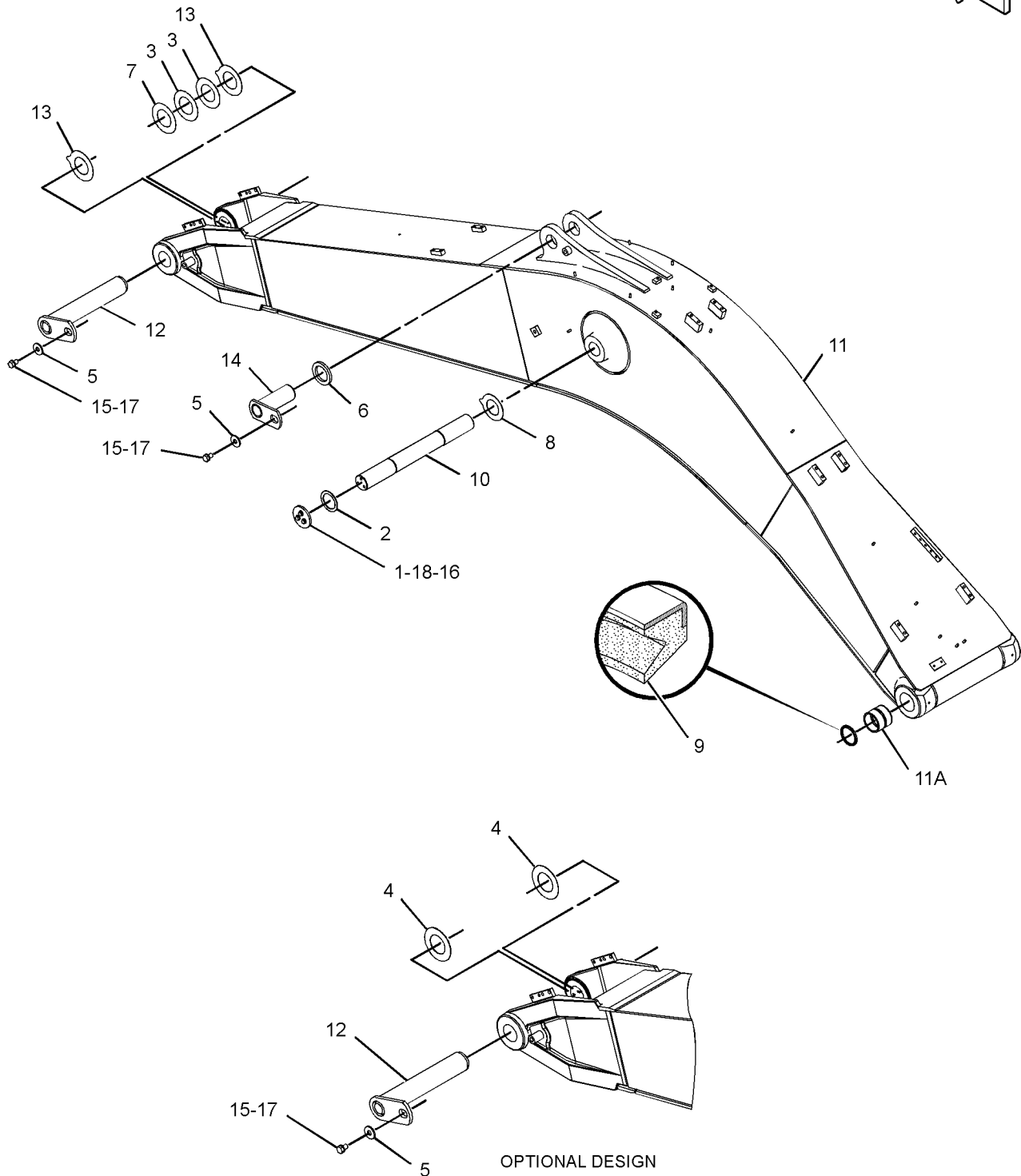
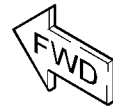
J-USED ONLY ON OPTIONAL DESIGN BOOM END

M-METRIC PART

IMPLEMENTS

241-7291 BOOM GP-1 PIECE (contd.)

i02793655



GRAPHIC #1

<END>

g01227886

IMPLEMENTS

172-2939 LINES GP - GREASE

S/N: A6F1-UP; A8F1-UP
PART OF 240-3833 BOOM AR
AN ATTACHMENT

SMCS-7510

i01401870

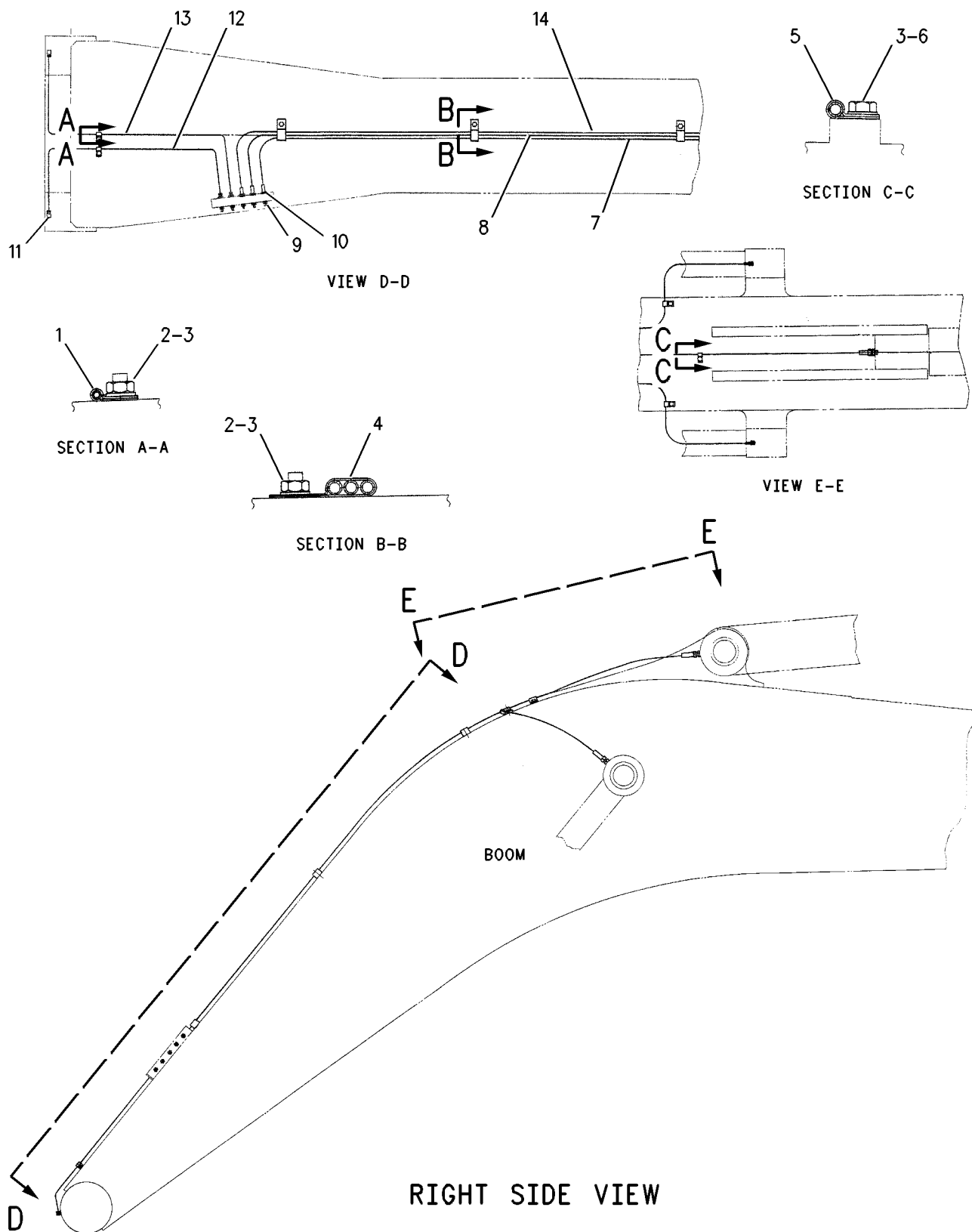
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8M-2772	2	CLIP						
M	2	1	8T-4133	5	NUT (M10X1.5-THD)						
	3	1	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)						
	4	1	166-1579	3	CLIP						
	5	1	033-8248	3	CLIP						
M	6	1	8T-4191	3	BOLT (M10X1.5X16-MM)						
	7	1	166-3152	1	HOSE AS						
I	8	1	115-2678	1	HOSE AS						
	9	1	3B-8489	5	FITTING-GREASE						
	10	1	6L-3616	2	CONNECTOR						
	11	1	5K-9243	2	ELBOW-FLARED						
	12	1	4I-4544	1	TUBE AS						
	13	1	4I-4543	1	TUBE AS						
I	14	1	115-2677	1	HOSE AS						

I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART

IMPLEMENTS

172 - 2939 LINES GP - GREASE (contd.)

i01401870



GRAPHIC #1

<END>

g00675837

IMPLEMENTS

241 - 7286 LINES GP - GREASE

S/N: A6F1-UP; A8F1-UP

PART OF 240-3828, 240-3830 BOOM AR-1 PIECE LONG
AN ATTACHMENT

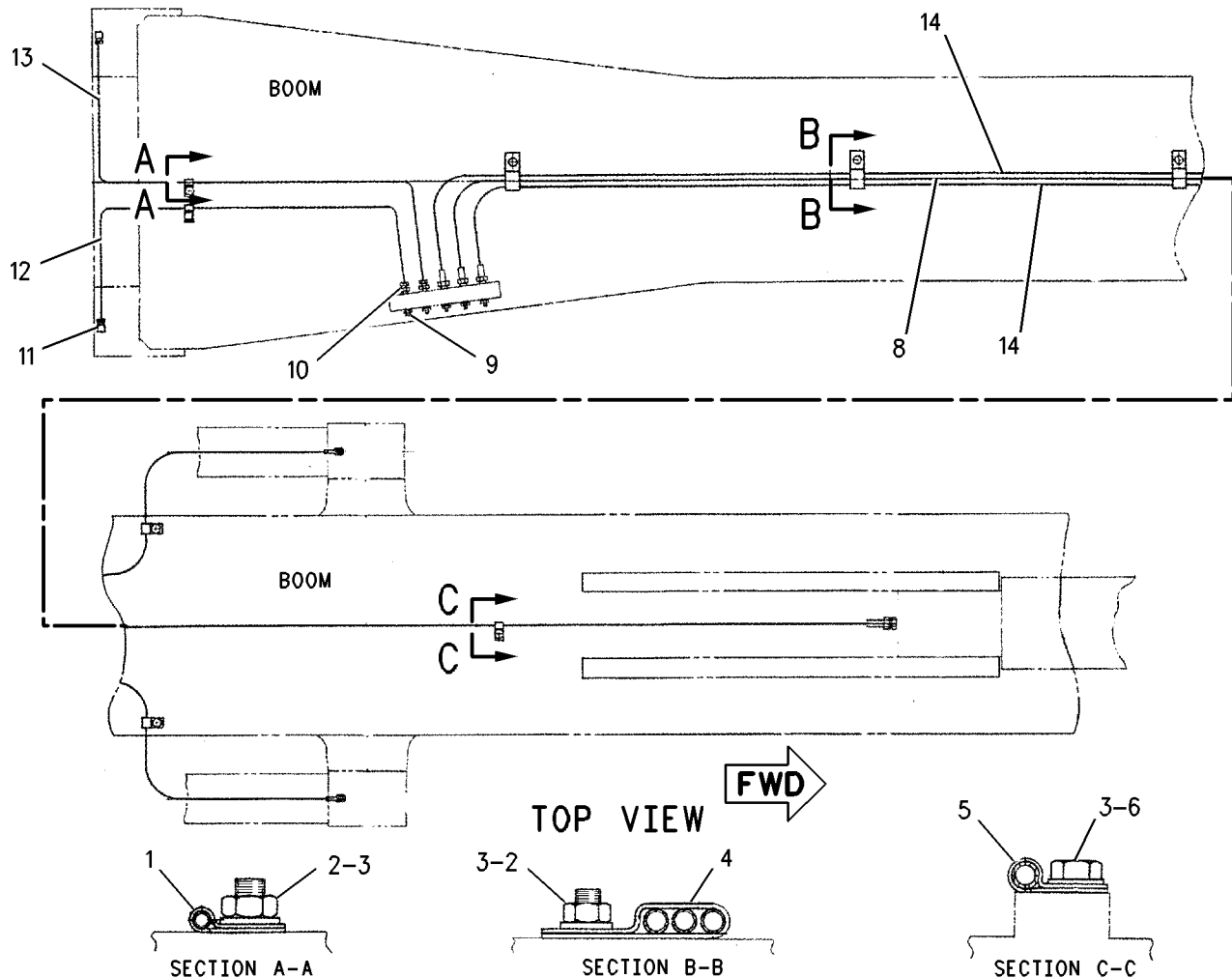
SMCS-7510

i02793928

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8M-2772	2	CLIP						
M	2	1	8T-4133	5	NUT (M10X1.5-THD)						
	3	1	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)						
	4	1	166-1579	3	CLIP						
	5	1	033-8248	3	CLIP						
M	6	1	8T-4191	3	BOLT (M10X1.5X16-MM)						
I	8	1	120-7226	1	HOSE AS						
	9	1	3B-8489	5	FITTING-GREASE						
	10	1	6L-3616	2	CONNECTOR						
	11	1	5K-9243	2	ELBOW-FLARED						
	12	1	4I-4544	1	TUBE AS						
	13	1	4I-4543	1	TUBE AS						
	14	1	166-3152	2	HOSE AS						

I-REFER TO HYDRAULIC INFORMATION SYSTEM

M-METRIC PART



GRAPHIC #1

<END>

g00781541

IMPLEMENTS

267-0138 LINES GP - GREASE

S/N: A6F1-UP; A8F1-UP
PART OF 240-3845 STICK AR
AN ATTACHMENT

SMCS-7510

i02793607

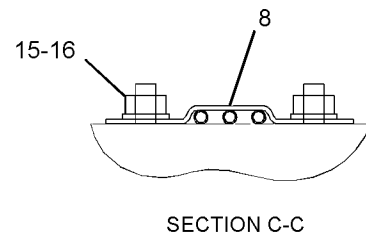
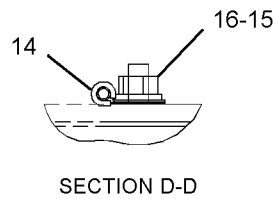
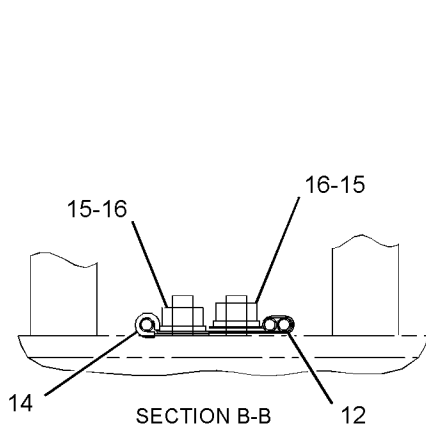
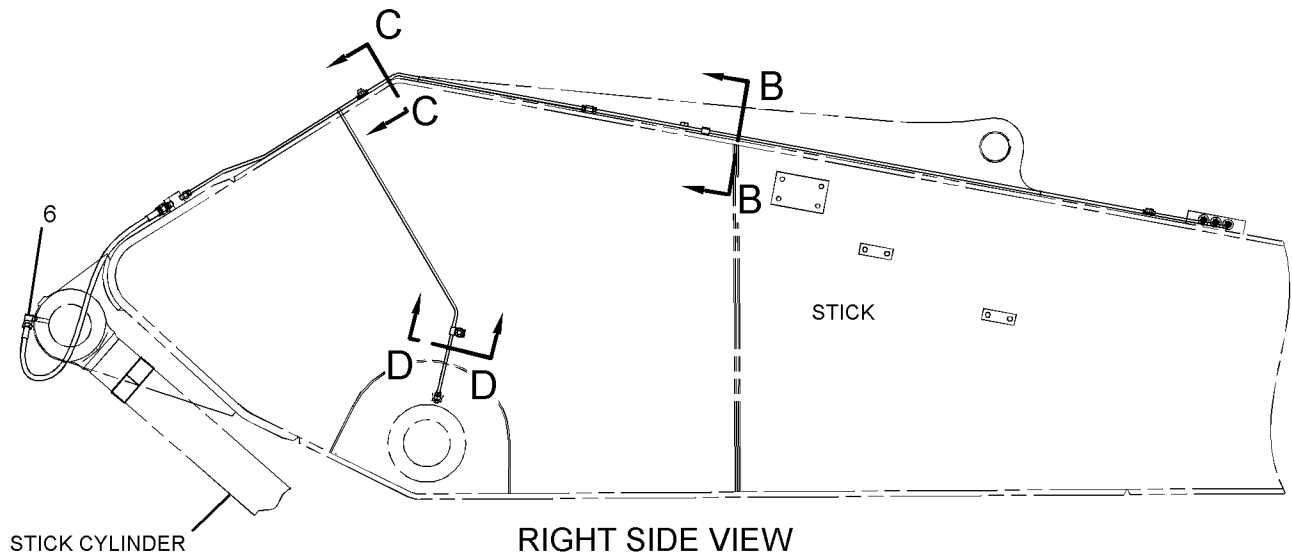
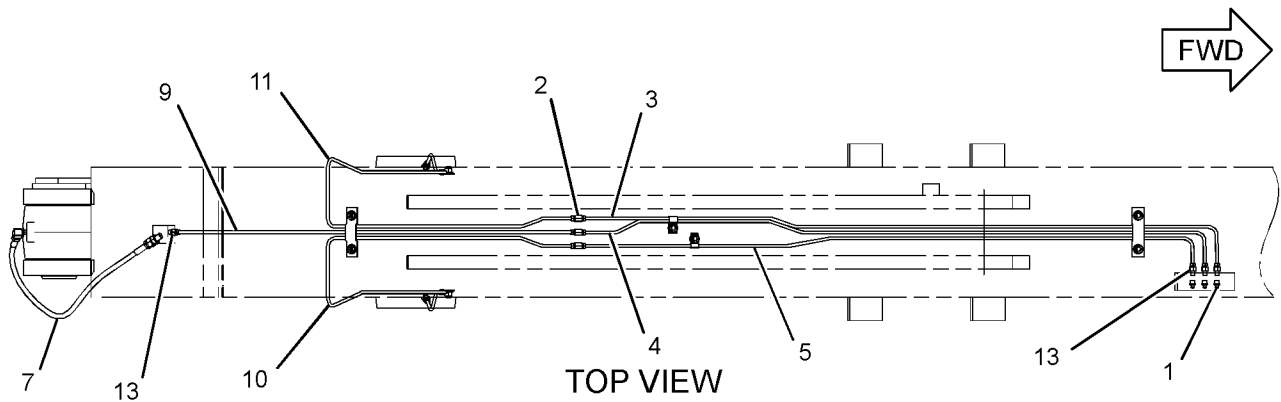
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3B-8489	3	FITTING-GREASE						
	2	1	5K-9242	3	UNION-FLARED						
	3	1	6I-5134	1	TUBE AS						
	4	1	6I-5135	1	TUBE AS						
	5	1	6I-5136	1	TUBE AS						
	6	1	6V-3342	1	ELBOW-PIPE						
I	7	1	7Y-2670	1	HOSE AS						
	8	1	087-5838	2	PLATE						
	9	1	267-0139	1	TUBE AS						
	10	1	267-0140	1	TUBE AS						
	11	1	267-0141	1	TUBE AS						
	12	1	5K-2298	1	CLIP						
	13	1	6L-3616	6	CONNECTOR						
	14	1	8M-2772	3	CLIP						
	15	1	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)						
M	16	1	8T-4133	8	NUT (M10X1.5-THD)						

I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART

IMPLEMENTS

267-0138 LINES GP - GREASE (contd.)

i02793607



GRAPHIC #1

<END>

g01229386

IMPLEMENTS

240-3858 LINKAGE AR-BUCKET-B1-FAMILY, WITH LIFTING EYE

S/N: A6F1-UP; A8F1-UP
AN ATTACHMENT

SMCS-6513

i02793202

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	242-6755	1	CYLINDER & LINES GP-BUCKET						287
Y	260-2288	1	LINKAGE GP-BUCKET (B1-FAMILY, WITH LIFTING EYE)						577
Y-SEPARATE ILLUSTRATION									
<END>									

247-7331 LINKAGE AR-BUCKET-CB2-FAMILY, WITH LIFTING EYE

S/N: A6F1-UP; A8F1-UP
AN ATTACHMENT

SMCS-6513

i02791245

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	225-4590	1	CYLINDER & LINES GP-BUCKET						287
Y	251-2597	1	LINKAGE GP-BUCKET						575
Y-SEPARATE ILLUSTRATION									
<END>									

IMPLEMENTS

251 - 2597 LINKAGE GP - BUCKET-CB2-FAMILY

S/N: A6F1-UP; A8F1-UP

PART OF 247-7331 LINKAGE AR-BUCKET
AN ATTACHMENT

SMCS-6513

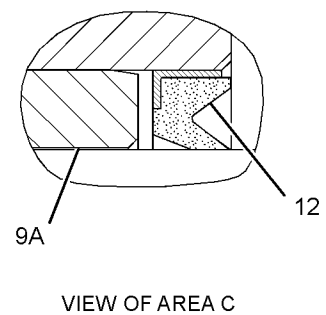
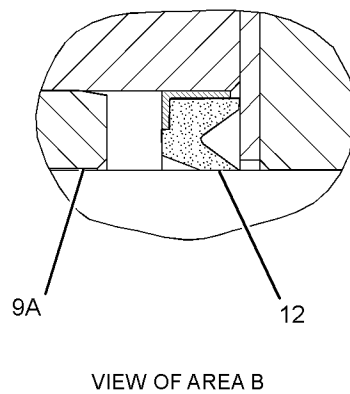
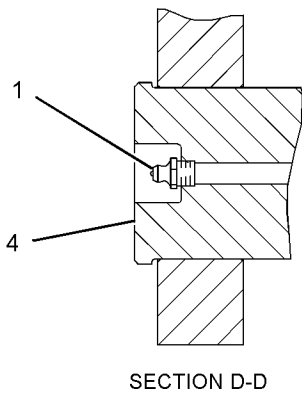
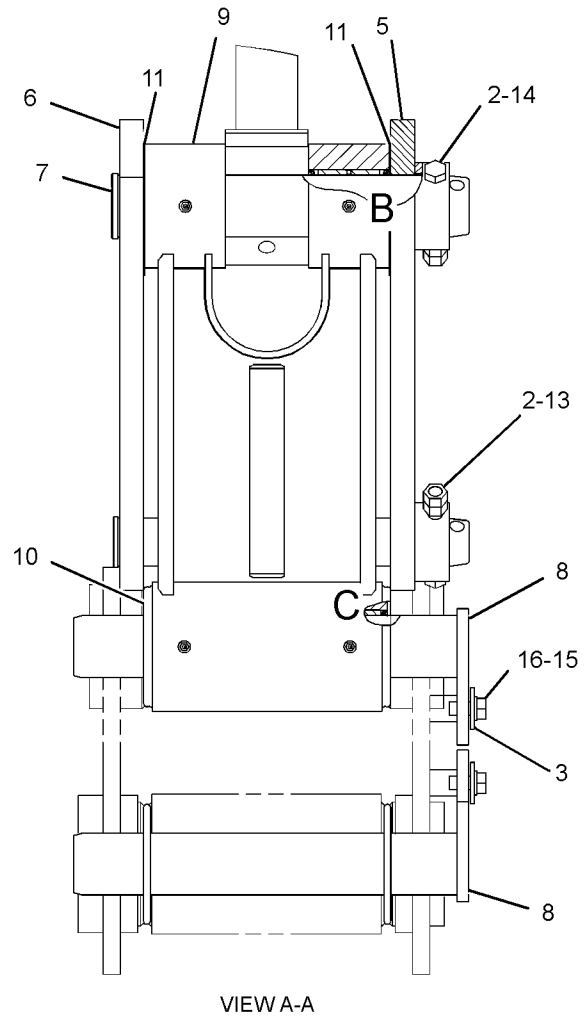
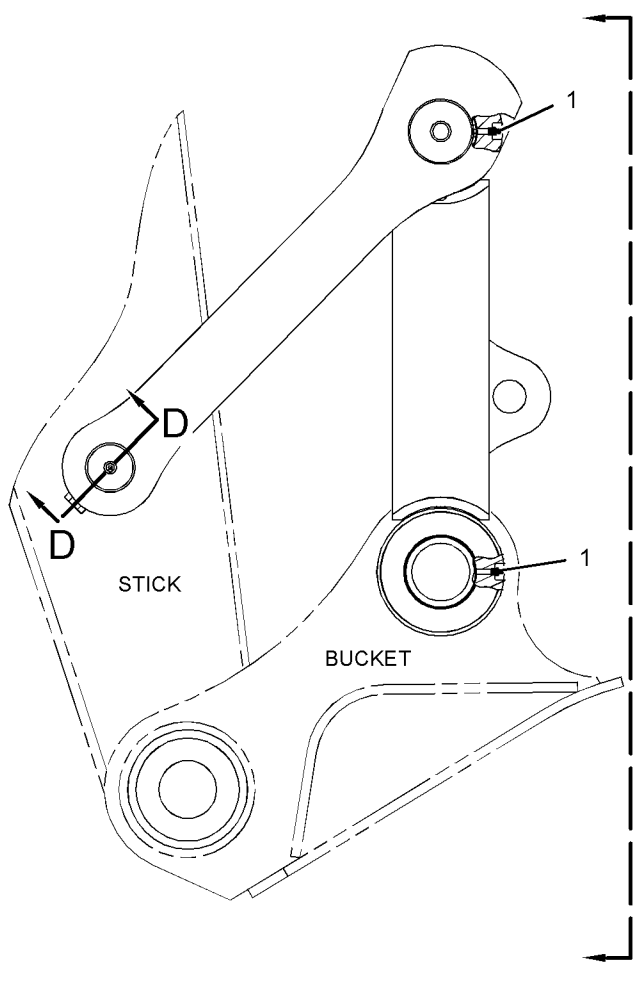
i02791260

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3B-8489	5	FITTING-GREASE						
M	2	1	8T-4131	4	NUT (M20X2.5-THD)						
	3	1	093-0349	2	WASHER (22X60X6-MM THK)						
	4	1	186-5662	1	PIN						
	5	1	234-3927	1	LINK AS						
	6	1	234-3928	1	LINK						
	7	1	234-3930	1	PIN						
	8	1	234-3931	2	PIN AS						
	9	1	254-2996	1	LINK & BEARING AS						
	9A	1	228-5615	4	BEARING-SLEEVE						
	10	1	093-1345	4	SEAL-O-RING						
	11	1	166-1487	2	SHIM (2-MM THK)						
	12	1	166-1495	6	SEAL-LIP TYPE						
M	13	1	186-5649	1	BOLT (M20X2.5X160-MM)						
M	14	1	189-3925	1	BOLT (M20X2.5X170-MM)						
	15	1	8T-4123	2	WASHER (22X35X3.5-MM THK)						
M	16	1	8T-5460	2	BOLT (M20X2.5X40-MM)						
M-METRIC PART											

IMPLEMENTS

251 - 2597 LINKAGE GP - BUCKET (contd.)

i02791260



GRAPHIC #1

<END>

g01397602

IMPLEMENTS

260-2288 LINKAGE GP-BUCKET-B1-FAMILY, WITH LIFTING EYE

S/N: A6F1-UP; A8F1-UP

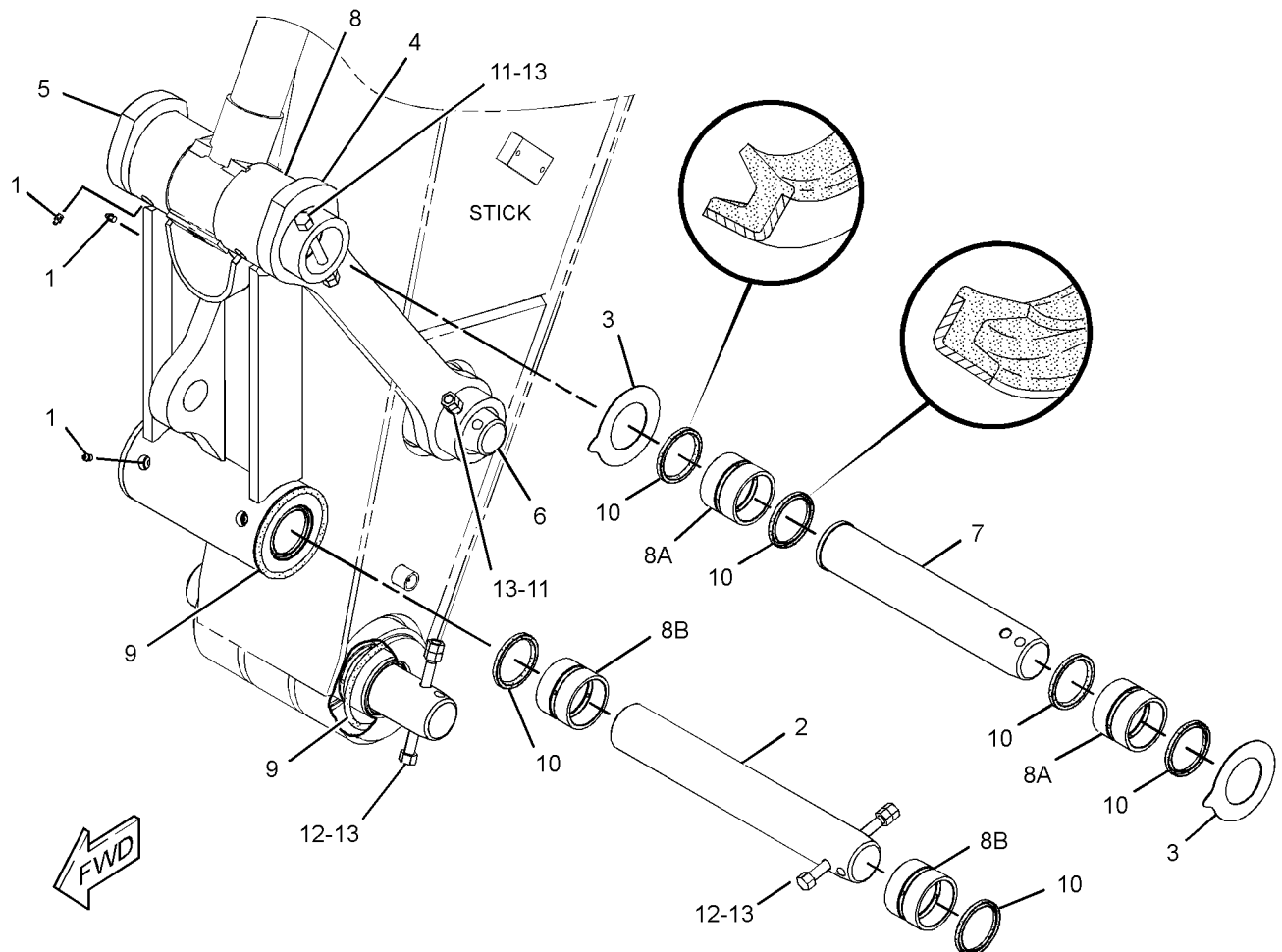
PART OF 240-3858 LINKAGE AR-BUCKET
AN ATTACHMENT

SMCS-6513

i02793261

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3B-8489	5	FITTING-GREASE						
	2	1	087-5805	2	PIN						
	3	1	166-1486	2	SHIM (2-MM THK)						
	4	1	244-4254	1	LINK AS						
	5	1	244-4255	1	LINK						
	6	1	254-3052	1	PIN						
	7	1	254-3053	1	PIN						
	8	1	260-2289	1	LINK & BEARING AS						
	8A	1	244-4360	2	BEARING-SLEEVE						
	8B	1	240-2912	2	BEARING-SLEEVE						
	9	1	093-1344	4	SEAL-O-RING						
	10	1	166-1494	6	SEAL-LIP TYPE						
M	11	1	236-6365	2	BOLT (M16X2X150-MM)						
M	12	1	236-6366	2	BOLT (M16X2X195-MM)						
M	13	1	8T-4132	8	NUT (M16X2-THD)						

M-METRIC PART



GRAPHIC #1

<END>

g01398037

IMPLEMENTS

240-3845 STICK AR-B-FAMILY

S/N: A6F1-UP; A8F1-UP
3.9-M (12.8-FT) REACH
AN ATTACHMENT

SMCS-6502

i02793585

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	267-0138	1	LINES GP -GREASE						572
Y	187-5976	1	LINES GP -STICK						447
Y	241-7296	1	STICK GP -HOE						580
Y-SEPARATE ILLUSTRATION									

<END>

240-3846 STICK AR-HOE-CB2-FAMILY

S/N: A6F1-UP; A8F1-UP
2.4-M (7.9-FT) MASS
AN ATTACHMENT

SMCS-6502

i02793532

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	248-9633	1	LINES GP-STICK						449
Y	241-7315	1	STICK GP-HOE						585
Y-SEPARATE ILLUSTRATION									

<END>

240-3849 STICK AR-HOE

S/N: A6F1-UP; A8F1-UP
AN ATTACHMENT

SMCS-6502

i02762562

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	187-5693	1	LINES GP-BUCKET CYLINDER						364
Y	242-6463	1	STICK GP-HOE						587
Y-SEPARATE ILLUSTRATION									

<END>

240-3851 STICK AR-HOE-B1-FAMILY, HEAVY-DUTY

S/N: A6F1-UP; A8F1-UP
2.9-M (9.5-FT) REACH
AN ATTACHMENT

SMCS-6502

i02793377

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	187-5693	1	LINES GP-BUCKET CYLINDER						364
Y	241-7303	1	STICK GP-HOE						581
Y-SEPARATE ILLUSTRATION									

<END>

IMPLEMENTS

240-3854 STICK AR-HOE-HEAVY-DUTY, B-FAMILY

S/N: A6F1-UP; A8F1-UP

2.5-M (8.2-FT) REACH

AN ATTACHMENT

SMCS-6502

i02793336

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	260-8011	1	LINES GP-BUCKET CYLINDER						367
Y	241-7309	1	STICK GP-HOE						583
Y-SEPARATE ILLUSTRATION									

<END>

240-3882 STICK AR-HOE-REACH

S/N: A6F1-UP; A8F1-UP

2.5-M (8.2-FT) . B-FAMILY

AN ATTACHMENT

SMCS-6502

i02762642

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	260-8011	1	LINES GP-BUCKET CYLINDER						367
Y	241-7306	1	STICK GP-HOE						582
Y-SEPARATE ILLUSTRATION									

<END>

IMPLEMENTS

241 - 7296 STICK GP - HOE-B-FAMILY

S/N: A6F1-UP; A8F1-UP

3.9-M (12.8-FT) REACH

PART OF 240-3845 STICK AR

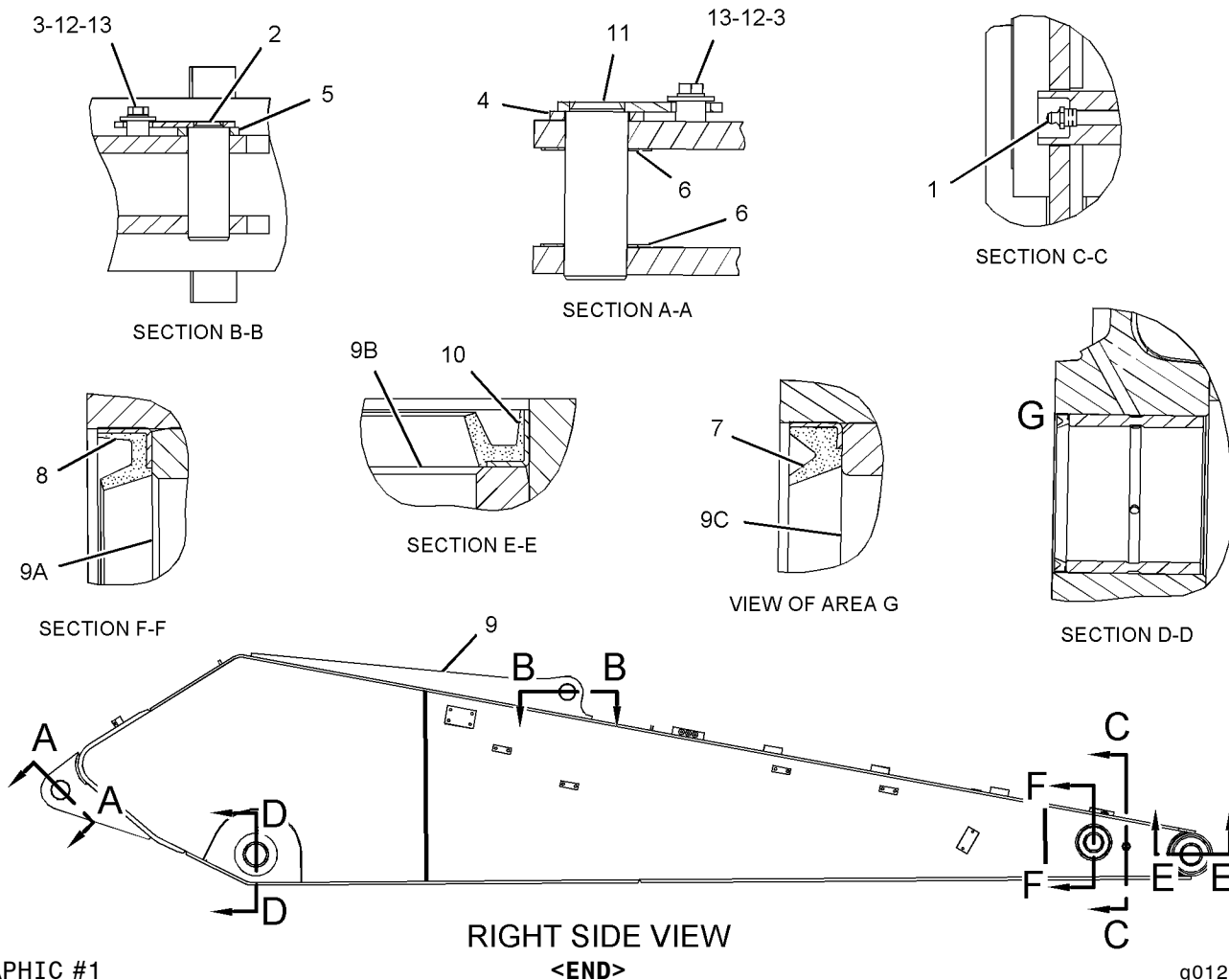
AN ATTACHMENT

SMCS-6502

i02793626

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3B-8489	1	FITTING-GREASE						
	2	1	4I-4811	1	PIN AS						
	3	1	093-0349	2	WASHER (22X60X6-MM THK)						
	4	1	093-0363	1	SPACER (83X120X12-MM THK)						
	5	1	118-5982	1	SPACER (73X105X14-MM THK)						
	6	1	166-1486	2	SHIM (2-MM THK)						
	7	1	166-1495	2	SEAL-LIP TYPE						
	8	1	235-7679	2	SEAL-LIP TYPE						
	9	1	290-9101	1	STICK & BEARING AS						
	9A	1	229-1096	2	BEARING-SLEEVE						
	9B	1	240-2913	2	BEARING-SLEEVE						
	9C	1	244-4277	2	BEARING-SLEEVE						
	10	1	166-1494	2	SEAL-LIP TYPE						
	11	1	4I-4809	1	PIN AS						
	12	1	8T-4123	2	WASHER (22X35X3.5-MM THK)						
M	13	1	8T-4780	2	BOLT (M20X2.5X30-MM)						

M-METRIC PART



GRAPHIC #1

g01227868

IMPLEMENTS

241 - 7303 STICK GP-HOE-B1-FAMILY

S/N: A6F1-UP; A8F1-UP

2.9-M (9.5-FT) . AUXILIARY, COUPLER

PART OF 240-3851 STICK AR-HOE

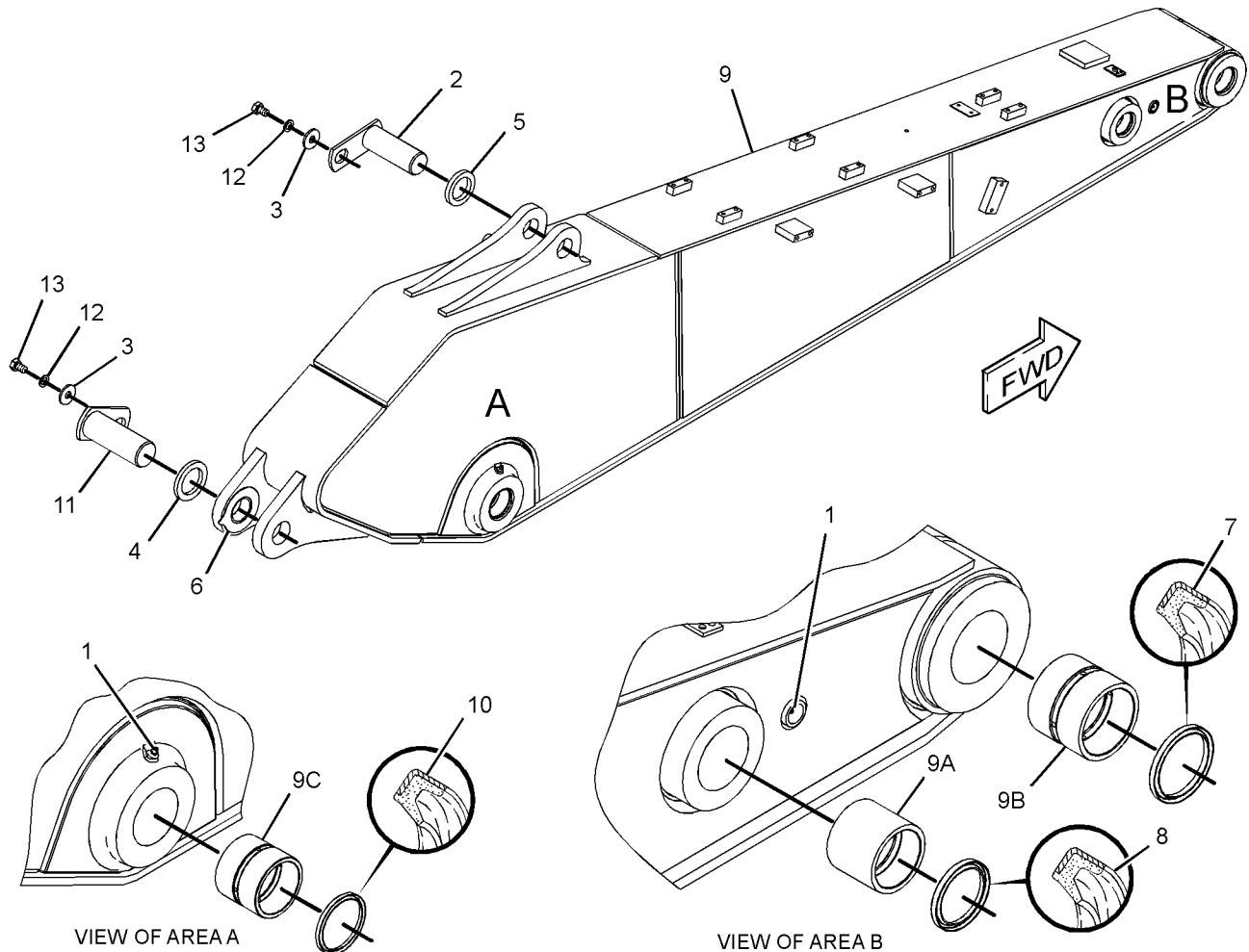
AN ATTACHMENT

SMCS - 6502

i02793471

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3B-8489	3	FITTING-GREASE						
	2	1	4I-4811	1	PIN AS						
	3	1	093-0349	2	WASHER (22X60X6-MM THK)						
	4	1	093-0363	1	SPACER (83X120X12-MM THK)						
	5	1	118-5982	1	SPACER (73X105X14-MM THK)						
	6	1	166-1486	2	SHIM (2-MM THK)						
	7	1	166-1494	2	SEAL-LIP TYPE						
	8	1	235-7679	2	SEAL-LIP TYPE						
	9	1	241-7304	1	STICK & BEARING AS						
	9A	1	229-1096	2	BEARING-SLEEVE						
	9B	1	240-2913	2	BEARING-SLEEVE						
	9C	1	244-4277	2	BEARING-SLEEVE						
	10	1	166-1495	2	SEAL-LIP TYPE						
	11	1	4I-4809	1	PIN AS						
	12	1	8T-4123	2	WASHER (22X35X3.5-MM THK)						
M	13	1	8T-4780	2	BOLT (M20X2.5X30-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01217069

IMPLEMENTS

241 - 7306 STICK GP - HOE

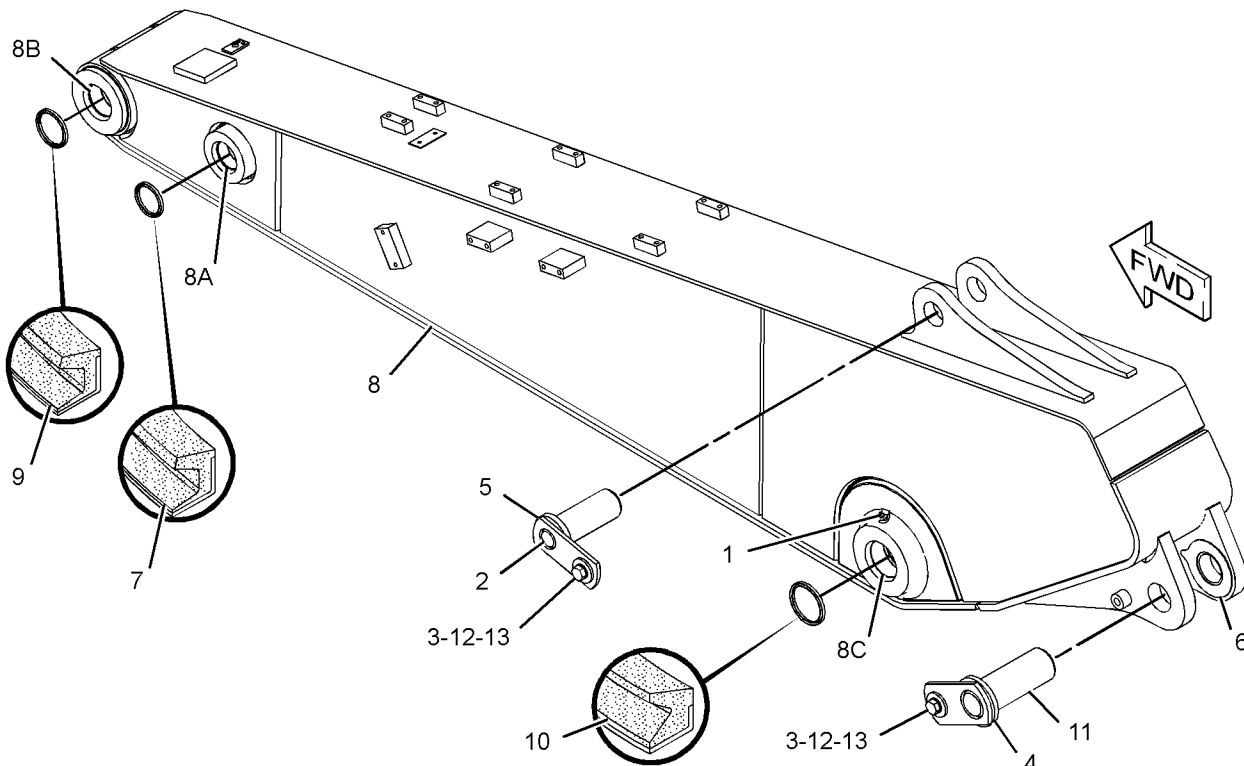
S/N: A6F1-UP; A8F1-UP
2.5-M (8.2-FT) . B-FAMILY
PART OF 240-3882 STICK AR-HOE
AN ATTACHMENT

SMCS - 6502

i02762662

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3B-8489	3	FITTING-GREASE						
	2	1	4I-4811	1	PIN AS						
	3	1	093-0349	2	WASHER (22X60X6-MM THK)						
	4	1	093-0363	1	SPACER (83X120X12-MM THK)						
	5	1	118-5982	1	SPACER (73X105X14-MM THK)						
	6	1	166-1486	2	SHIM (2-MM THK)						
	7	1	235-7679	2	SEAL-LIP TYPE						
	8	1	284-7317	1	STICK & BEARING AS						
	8A	1	229-1096	2	BEARING-SLEEVE						
	8B	1	240-2913	2	BEARING-SLEEVE						
	8C	1	244-4277	2	BEARING-SLEEVE						
	9	1	166-1494	2	SEAL-LIP TYPE						
	10	1	166-1495	2	SEAL-LIP TYPE						
	11	1	4I-4809	1	PIN AS						
	12	1	8T-4123	2	WASHER (22X35X3.5-MM THK)						
M	13	1	8T-4780	2	BOLT (M20X2.5X30-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01226959

IMPLEMENTS

241 - 7309 STICK GP - HOE-HEAVY-DUTY, B-FAMILY

S/N: A6F1-UP; A8F1-UP

2.5-M (8.2-FT) REACH

PART OF 240-3854 STICK AR-HOE

AN ATTACHMENT

SMCS-6502

i02793354

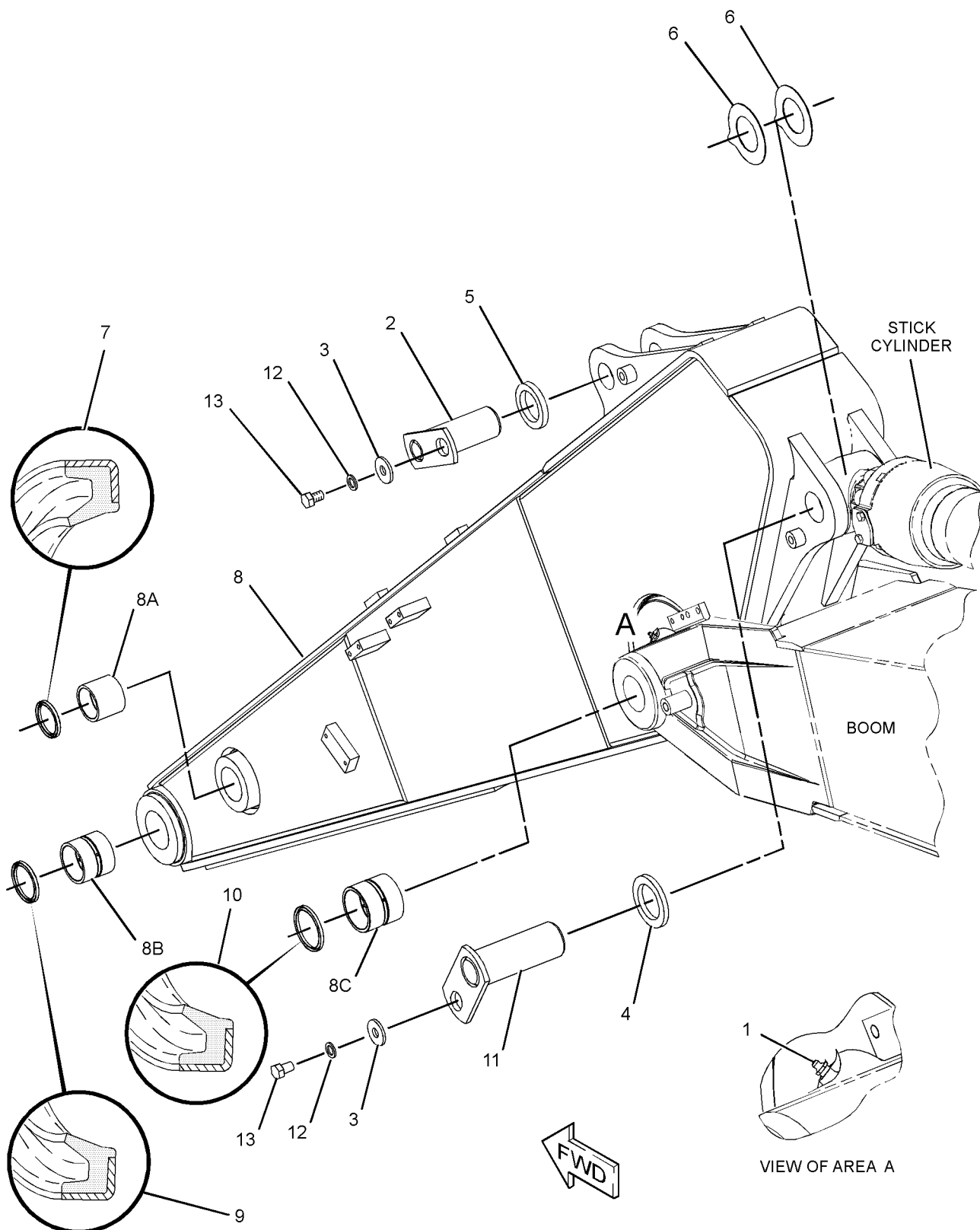
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					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3B-8489	3	FITTING-GREASE						
	2	1	4I-4811	1	PIN AS						
	3	1	093-0349	2	WASHER (22X60X6-MM THK)						
	4	1	093-0363	1	SPACER (83X120X12-MM THK)						
	5	1	118-5982	1	SPACER (73X105X14-MM THK)						
	6	1	166-1486	2	SHIM (2-MM THK)						
	7	1	235-7679	2	SEAL-LIP TYPE						
	8	1	284-7325	1	STICK & BEARING AS						
	8A	1	229-1096	2	BEARING-SLEEVE						
	8B	1	240-2913	2	BEARING-SLEEVE						
	8C	1	244-4277	2	BEARING-SLEEVE						
	9	1	166-1494	2	SEAL-LIP TYPE						
	10	1	166-1495	2	SEAL-LIP TYPE						
	11	1	4I-4809	1	PIN AS						
	12	1	8T-4123	2	WASHER (22X35X3.5-MM THK)						
M	13	1	8T-4780	2	BOLT (M20X2.5X30-MM)						

M-METRIC PART

IMPLEMENTS

241 - 7309 STICK GP - HOE (contd.)

i02793354



GRAPHIC #1

<END>

g01231476

IMPLEMENTS

241-7315 STICK GP-HOE-MASS

S/N: A6F1-UP; A8F1-UP
 2.4-M (7.9-FT). CB2-FAMILY
 PART OF 240-3846 STICK AR-HOE
 AN ATTACHMENT

SMCS-6502

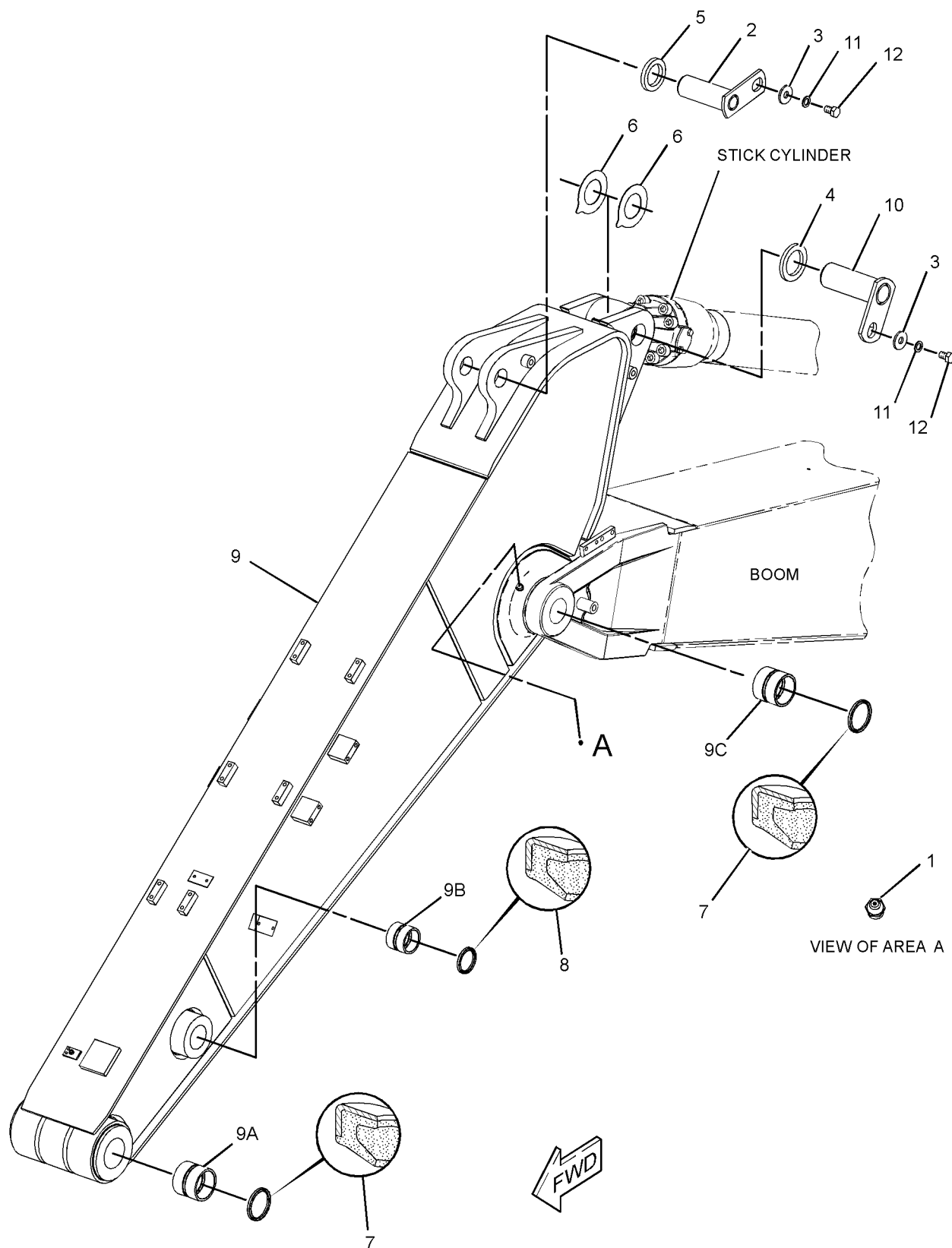
i02793544

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3B-8489	3	FITTING-GREASE						
	2	1	4I-4811	1	PIN AS						
	3	1	093-0349	2	WASHER (22X60X6-MM THK)						
	4	1	093-0363	1	SPACER (83X120X12-MM THK)						
	5	1	118-5982	1	SPACER (73X105X14-MM THK)						
	6	1	166-1486	2	SHIM (2-MM THK)						
	7	1	166-1495	4	SEAL-LIP TYPE						
	8	1	235-7679	2	SEAL-LIP TYPE						
	9	1	241-7316	1	STICK & BEARING AS						
	9A	1	228-5615	2	BEARING-SLEEVE						
	9B	1	228-5614	2	BEARING-SLEEVE						
	9C	1	244-4277	2	BEARING-SLEEVE						
	10	1	4I-4809	1	PIN AS						
	11	1	8T-4123	2	WASHER (22X35X3.5-MM THK)						
M	12	1	8T-4780	2	BOLT (M20X2.5X30-MM)						
M-METRIC PART											

IMPLEMENTS

241-7315 STICK GP-HOE (contd.)

i02793544



GRAPHIC #1

<END>

g01230123

IMPLEMENTS

242-6463 STICK GP-HOE-AUXILIARY, COUPLER

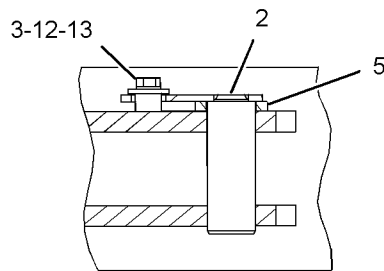
S/N: A6F1-UP; A8F1-UP
2.9-M (9.5-FT) REACH. B1-FAMILY
PART OF 240-3849 STICK AR-HOE
AN ATTACHMENT

SMCS-6502

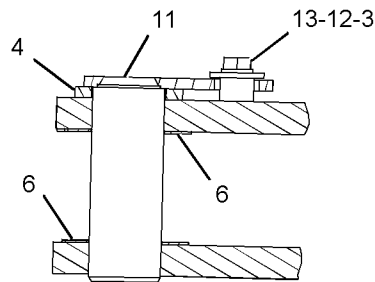
i02762577

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	3B-8489	3	FITTING-GREASE	
	2	1	4I-4811	1	PIN AS	
	3	1	093-0349	2	WASHER (22X60X6-MM THK)	
	4	1	093-0363	1	SPACER (83X120X12-MM THK)	
	5	1	118-5982	1	SPACER (73X105X14-MM THK)	
	6	1	166-1486	2	SHIM (2-MM THK)	
	7	1	166-1494	2	SEAL-LIP TYPE	
	8	1	235-7679	2	SEAL-LIP TYPE	
	9	1	242-6464	1	STICK & BEARING AS	
	9A	1	229-1096	2	BEARING-SLEEVE	
	9B	1	240-2913	2	BEARING-SLEEVE	
	9C	1	244-4277	2	BEARING-SLEEVE	
	10	1	166-1495	2	SEAL-LIP TYPE	
	11	1	4I-4809	1	PIN AS	
	12	1	8T-4123	2	WASHER (22X35X3.5-MM THK)	
M	13	1	8T-4780	2	BOLT (M20X2.5X30-MM)	

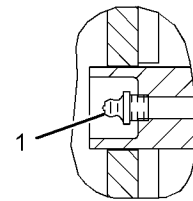
M-METRIC PART



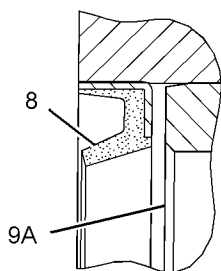
SECTION B-B



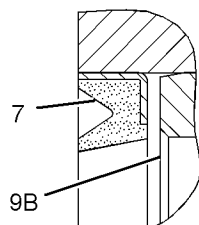
SECTION A-A



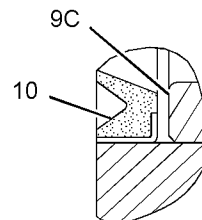
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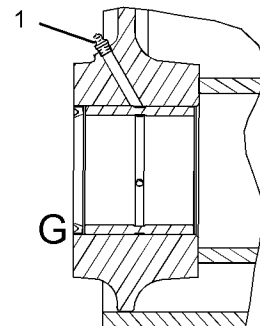
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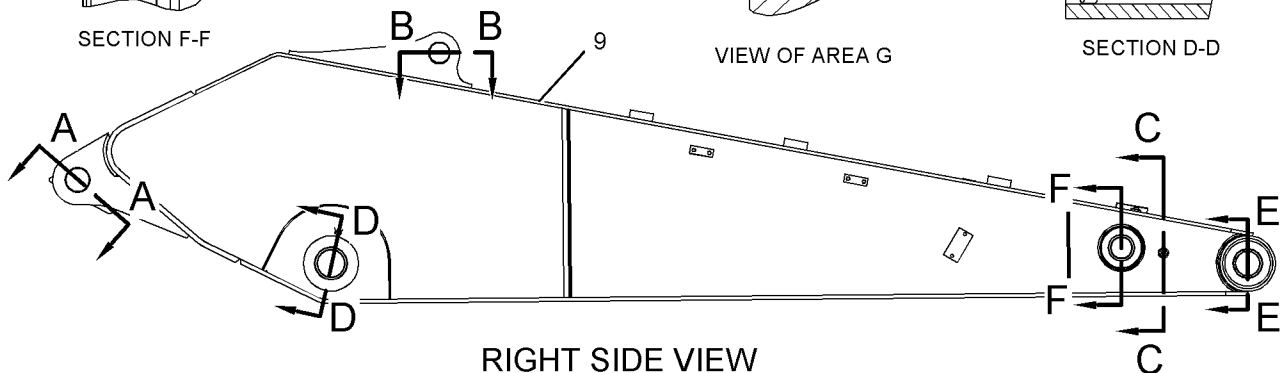
SECTION E-E



VIEW OF AREA G



SECTION D-D



RIGHT SIDE VIEW

<END>

GRAPHIC #1

g01227934

WORK TOOLS

7Y-2219 ADJUSTER GP-BUCKET

S/N: A6F1-UP; A8F1-UP

B-FAMILY

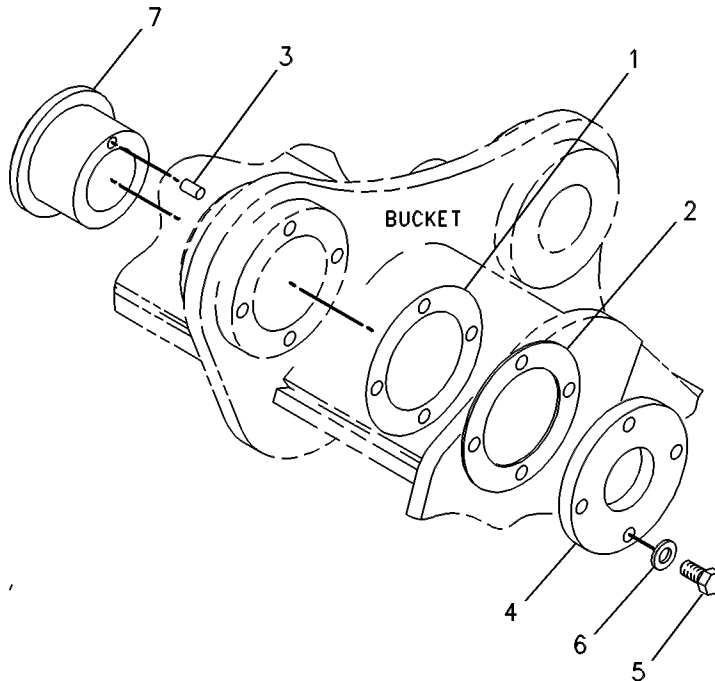
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269-2622, 269-2623 BUCKET & ADJUSTER GP
AN ATTACHMENT

SMCS-6513, 6700

i01892711

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
B	1	1	086-0322	6	SHIM (1-MM THK)						
B	2	1	086-0321	4	SHIM (0.5-MM THK)						
	3	1	193-5014	1	PIN						
	4	1	134-8948	1	PLATE						
M	5	1	8T-4193	4	BOLT (M16X2X50-MM)						
	6	1	9X-8257	4	WASHER (17.5X30X3.5-MM THK)						
	7	1	193-5015	1	FLANGE						

B-USE AS REQUIRED
M-METRIC PART



GRAPHIC #1

<END>

g00255457

WORK TOOLS

250-6418 ADJUSTER GP-BUCKET-CB-FAMILY

S/N: A6F1-UP; A8F1-UP

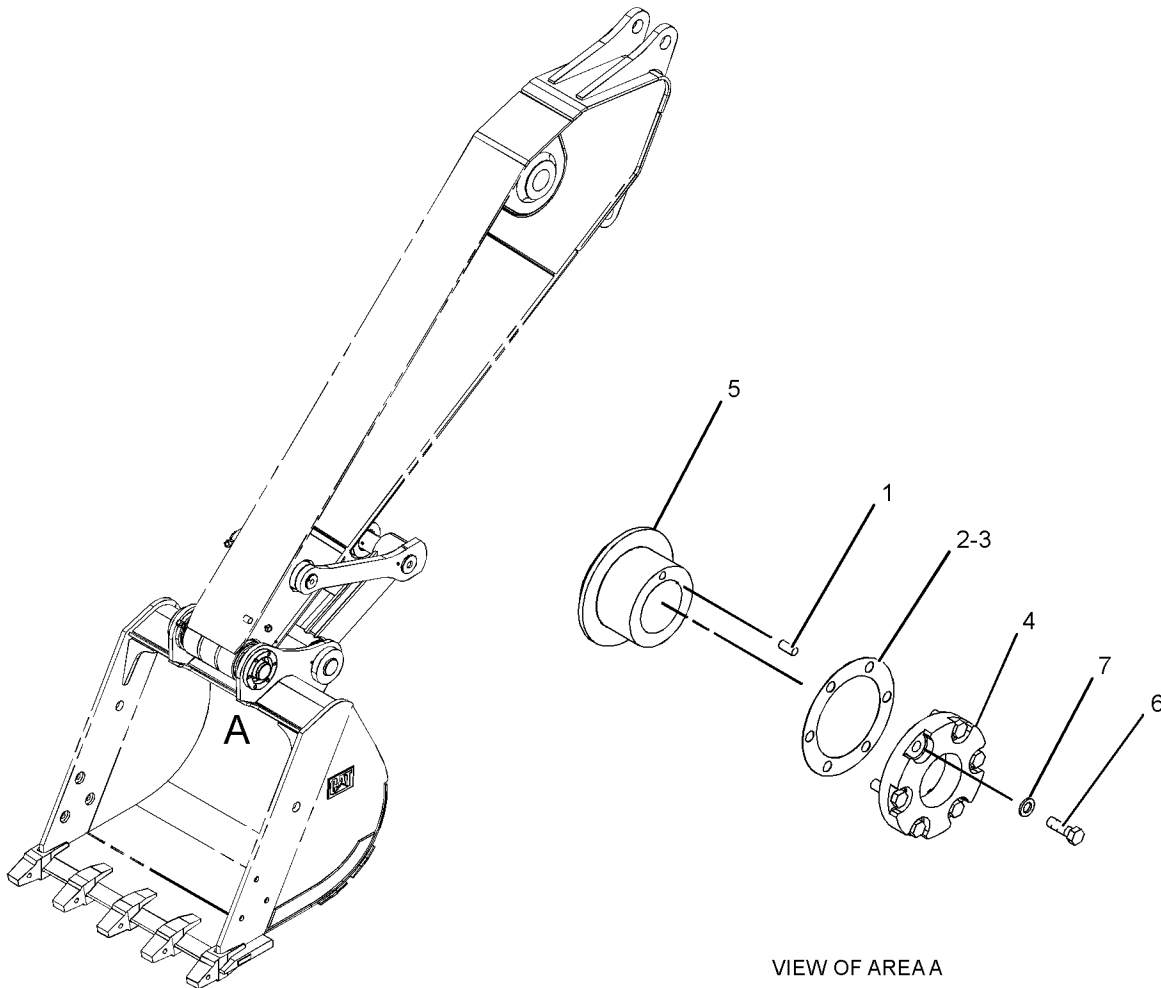
PART OF 269-2644, 269-2646, 269-2647, 269-2648, 269-2657, 269-2658, 269-2660,
269-2666, 269-2667, 276-5803, 276-5804 BUCKET & ADJUSTER GP
AN ATTACHMENT

SMCS-6513, 6700

i02783574

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	087-5974	1	PIN						
B	2	1	087-5975	4	SHIM (0.5-MM THK)						
B	3	1	087-5976	6	SHIM (1-MM THK)						
	4	1	134-8950	1	PLATE						
	5	1	250-6417	1	FLANGE						
M	6	1	8T-4193	6	BOLT (M16X2X50-MM)						
	7	1	9X-8257	6	WASHER (17.5X30X3.5-MM THK)						

B-USE AS REQUIRED
M-METRIC PART



GRAPHIC #1

<END>

g01218311

WORK TOOLS

269-2600 BUCKET & ADJUSTER GP—HEAVY-DUTY, B-FAMILY

S/N: A6F1-UP; A8F1-UP

1072-MM (42-IN) WIDE X 1.0-CU M (1.31-CU YD) CAPACITY. K-90 ADAPTERS, (5X)
AN ATTACHMENT

SMCS-6503, 6513

i02788148

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	7Y-2219	1	ADJUSTER GP-BUCKET (B-FAMILY)						588
Y	269-2608	1	BUCKET AS-HEAVY DUTY						599
Y-SEPARATE ILLUSTRATION									

<END>

269-2601 BUCKET & ADJUSTER GP—B-FAMILY

S/N: A6F1-UP; A8F1-UP

1224-MM (48-IN) WIDE X 1.19-CU M (1.55-CU YD) CAPACITY. K-90 ADAPTERS, (6X)
AN ATTACHMENT

SMCS-6503, 6513

i02788099

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	7Y-2219	1	ADJUSTER GP-BUCKET (B-FAMILY)						588
Y	269-2609	1	BUCKET AS-HEAVY DUTY						600
Y-SEPARATE ILLUSTRATION									

<END>

269-2603 BUCKET & ADJUSTER GP—HEAVY-DUTY, B-FAMILY

S/N: A6F1-UP; A8F1-UP

1376-MM (54-IN) WIDE X 1.37-CU M (1.80-CU YD) CAPACITY. K-90 ADAPTERS, (7X)
AN ATTACHMENT

SMCS-6503, 6513

i02788015

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	7Y-2219	1	ADJUSTER GP-BUCKET (B-FAMILY)						588
Y	269-2610	1	BUCKET AS-HEAVY DUTY						601
Y-SEPARATE ILLUSTRATION									

<END>

269-2613 BUCKET & ADJUSTER GP—HEAVY-DUTY ROCK, B-FAMILY

S/N: A6F1-UP; A8F1-UP

615-MM (24-IN) WIDE X 0.47-CU M (0.61-CU YD) CAPACITY. K-90 ADAPTER, (3X)
AN ATTACHMENT

SMCS-6503, 6513

i02787972

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	7Y-2219	1	ADJUSTER GP-BUCKET (B-FAMILY)						588
Y	269-2617	1	BUCKET AS-HEAVY DUTY ROCK						609
Y-SEPARATE ILLUSTRATION									

<END>

WORK TOOLS

269-2614 BUCKET & ADJUSTER GP—HEAVY-DUTY ROCK, B-FAMILY

S/N: A6F1-UP; A8F1-UP

770-MM (30-IN) WIDE X 0.64-CU M (0.84-CU YD) CAPACITY. K-90 ADAPTERS, (4X)
AN ATTACHMENT

SMCS-6503, 6513

i02787908

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	7Y-2219	1	ADJUSTER GP-BUCKET (B-FAMILY)						588
Y	269-2618	1	BUCKET AS-HEAVY DUTY ROCK						610

Y-SEPARATE ILLUSTRATION

<END>

269-2615 BUCKET & ADJUSTER GP—HEAVY-DUTY ROCK, B-FAMILY

S/N: A6F1-UP; A8F1-UP

918-MM (36-IN) WIDE X 0.82-CU M (1.07-CU YD) CAPACITY. K-90 ADAPTERS, (5X)
AN ATTACHMENT

SMCS-6503, 6513

i02787789

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	7Y-2219	1	ADJUSTER GP-BUCKET (B-FAMILY)						588
Y	269-2619	1	BUCKET AS-HEAVY DUTY ROCK						611

Y-SEPARATE ILLUSTRATION

<END>

269-2616 BUCKET & ADJUSTER GP—HEAVY-DUTY ROCK, B-FAMILY

S/N: A6F1-UP; A8F1-UP

1072-MM (42-IN) WIDE X 1.00-CU M (1.31-CU YD) CAPACITY. K-90 ADAPTERS, (5X)
AN ATTACHMENT

SMCS-6503, 6513

i02787744

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	7Y-2219	1	ADJUSTER GP-BUCKET (B-FAMILY)						588
Y	269-2620	1	BUCKET AS-HEAVY DUTY ROCK						612

Y-SEPARATE ILLUSTRATION

<END>

269-2622 BUCKET & ADJUSTER GP—HEAVY-DUTY POWER, B-FAMILY

S/N: A6F1-UP; A8F1-UP

1072-MM (42-IN) WIDE X 0.96-CU M (1.26-CU YD) CAPACITY. K-90 ADAPTERS, (5X)
AN ATTACHMENT

SMCS-6503, 6513

i02787686

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	7Y-2219	1	ADJUSTER GP-BUCKET (B-FAMILY)						588
Y	269-2625	1	BUCKET AS-HEAVY DUTY (B-FAMILY)						602

Y-SEPARATE ILLUSTRATION

<END>

WORK TOOLS

269-2623 BUCKET & ADJUSTER GP—HEAVY-DUTY POWER, B-FAMILY

S/N: A6F1-UP; A8F1-UP

1224-MM (48-IN) WIDE X 1.14-CU M (1.49-CU YD) CAPACITY. K-90 ADAPTERS, (6X)
AN ATTACHMENT

SMCS-6503, 6513

i02786296

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	7Y-2219	1	ADJUSTER GP-BUCKET (B-FAMILY)						588
Y	269-2626	1	BUCKET AS-HEAVY DUTY						608
Y-SEPARATE ILLUSTRATION									

<END>

269-2644 BUCKET & ADJUSTER GP—HEAVY-DUTY, CB-FAMILY

S/N: A6F1-UP; A8F1-UP

1067-MM (42-IN) WIDE X 1.14-CU M (1.14-CU YD) CAPACITY. K-100 ADAPTERS, (5X)
AN ATTACHMENT

SMCS-6503, 6513

i02786198

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	250-6418	1	ADJUSTER GP-BUCKET						589
Y	269-2652	1	BUCKET AS-HEAVY DUTY						603
Y-SEPARATE ILLUSTRATION									

<END>

269-2646 BUCKET & ADJUSTER GP—HEAVY-DUTY, CB-FAMILY

S/N: A6F1-UP; A8F1-UP

1372-MM (54-IN) WIDE X 1.57-CU M (2.05-CU YD) CAPACITY. K-100 ADAPTERS, (6X)
AN ATTACHMENT

SMCS-6503, 6513

i02786079

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	250-6418	1	ADJUSTER GP-BUCKET						589
Y	269-2654	1	BUCKET AS-HEAVY DUTY						604
Y-SEPARATE ILLUSTRATION									

<END>

269-2647 BUCKET & ADJUSTER GP—HEAVY-DUTY, CB-FAMILY

S/N: A6F1-UP; A8F1-UP

1524-MM (60-IN) WIDE X 1.78-CU M (2.33-CU YD) CAPACITY. K-100 ADAPTERS, (7X)
AN ATTACHMENT

SMCS-6503, 6513

i02785811

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	250-6418	1	ADJUSTER GP-BUCKET						589
Y	269-2655	1	BUCKET AS-HEAVY DUTY						605
Y-SEPARATE ILLUSTRATION									

<END>

WORK TOOLS

269-2648 BUCKET & ADJUSTER GP—HEAVY-DUTY, CB-FAMILY

S/N: A6F1-UP; A8F1-UP

1676-MM (66-IN) WIDE X 1.99-CU M (2.61-CU YD) CAPACITY. K-100 ADAPTERS, (7X)
AN ATTACHMENT

SMCS-6503, 6513

i02785768

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	250-6418	1	ADJUSTER GP-BUCKET						589
Y	269-2656	1	BUCKET AS-HEAVY DUTY						606
Y-SEPARATE ILLUSTRATION									

<END>

269-2657 BUCKET & ADJUSTER GP—HEAVY-DUTY ROCK, CB-FAMILY

S/N: A6F1-UP; A8F1-UP

762-MM (30-IN) WIDE X 0.73-CU M (0.96-CU YD) CAPACITY. K-ADAPTERS, (3X)
AN ATTACHMENT

SMCS-6503, 6513

i02785038

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	250-6418	1	ADJUSTER GP-BUCKET						589
Y	269-2661	1	BUCKET AS-HEAVY DUTY ROCK						613
Y-SEPARATE ILLUSTRATION									

<END>

269-2658 BUCKET & ADJUSTER GP—HEAVY-DUTY ROCK, CB-FAMILY

S/N: A6F1-UP; A8F1-UP

914-MM (36-IN) WIDE X 0.93-CU M (1.22-CU YD) CAPACITY. K-100 ADAPTERS, (4X)
AN ATTACHMENT

SMCS-6503, 6513

i02784906

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	250-6418	1	ADJUSTER GP-BUCKET						589
Y	269-2662	1	BUCKET AS-HEAVY DUTY ROCK						614
Y-SEPARATE ILLUSTRATION									

<END>

269-2660 BUCKET & ADJUSTER GP—HEAVY-DUTY ROCK, CB-FAMILY

S/N: A6F1-UP; A8F1-UP

1219-MM (48-IN) WIDE X 1.35-CU M (1.77-CU YD) CAPACITY. K-100 ADAPTERS, (5X)
AN ATTACHMENT

SMCS-6503, 6513

i02784815

			PART NAME						SEE
NOTE	PART NUMBER	QTY	1	2	3	4	5	6 (PRODUCT LEVEL)	PAGE
Y	250-6418	1	ADJUSTER GP-BUCKET						589
Y	269-2664	1	BUCKET AS-HEAVY DUTY ROCK						615
Y-SEPARATE ILLUSTRATION									

<END>

WORK TOOLS

269-2666 BUCKET & ADJUSTER GP-HEAVY-DUTY POWER, CB-FAMILY

S/N: A6F1-UP; A8F1-UP

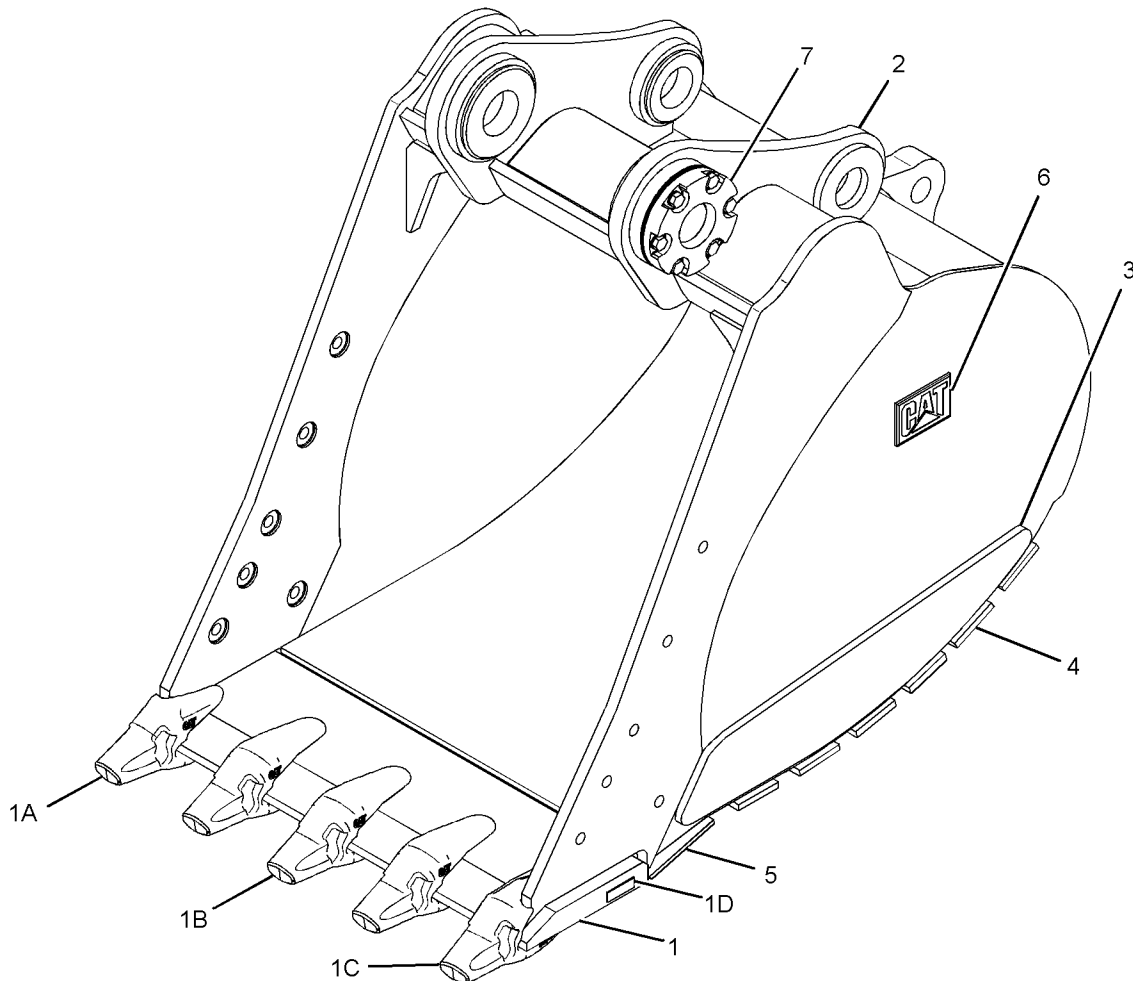
1219-MM (48-IN) WIDE X 1.33-CU M (1.73-CU YD) CAPACITY. K-100 ADAPTERS, (5X)
AN ATTACHMENT

SMCS-6503, 6513

i02784160

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	279-4104	1	EDGE AS						
	1A	1	232-2106	1	ADAPTER-TIP (K-100, 2-STRAP, LH)						
	1B	1	220-9104	3	ADAPTER-TIP (K-100, 2-STRAP, CENTER)						
	1C	1	232-2105	1	ADAPTER-TIP (K-100, 2-STRAP, RH)						
	1D	1	8P-9770	1	PLATE-INFORMATION						
	2	1	273-3452	1	PLATE AS-BOX						
	3	1	273-3475	2	PLATE-WEAR						
	4	1	262-3844	6	PLATE-WEAR						
	5	1	262-3840	1	PLATE-REINFORCEMENT						
	6	1	2C-9259	2	PLATE-IDENTIFICATION (CAT)						
Y	7	1	250-6418	1	ADJUSTER GP-BUCKET						589

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01311147

WORK TOOLS

269-2667 BUCKET & ADJUSTER GP-HEAVY-DUTY POWER, CB-FAMILY

S/N: A6F1-UP; A8F1-UP

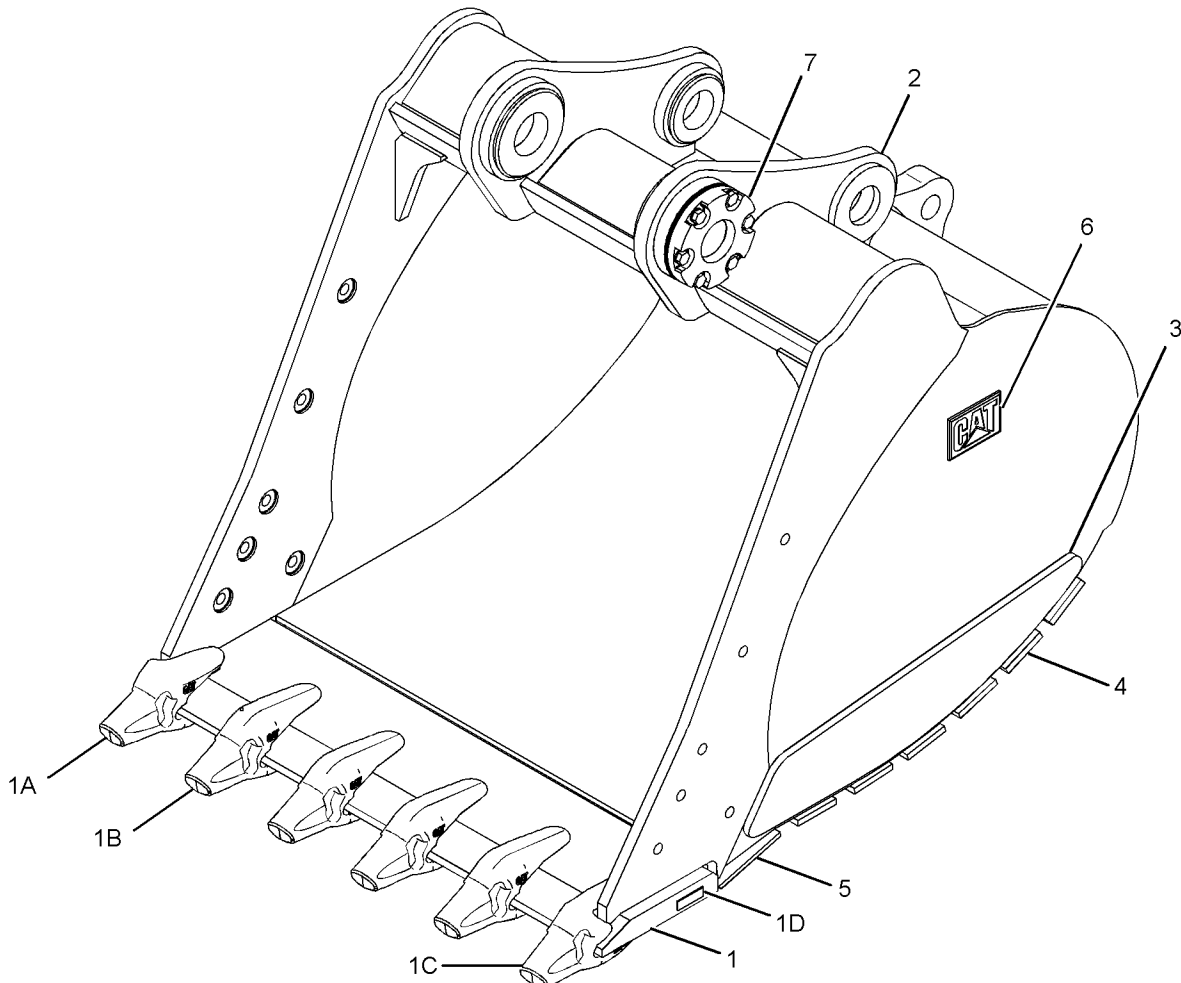
1372-MM (54-IN) WIDE X 1.53-CU M (2.01-CU YD) CAPACITY. K-100 ADAPTERS (6X)
AN ATTACHMENT

SMCS-6503, 6513

i02783641

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	279-4105	1	EDGE AS						
	1A	1	232-2106	1	ADAPTER-TIP (K-100, 2-STRAP, LH)						
	1B	1	220-9104	4	ADAPTER-TIP (K-100, 2-STRAP, CENTER)						
	1C	1	232-2105	1	ADAPTER-TIP (K-100, 2-STRAP, RH)						
	1D	1	8P-9770	1	PLATE-INFORMATION						
	2	1	273-3453	1	PLATE AS-BOX						
	3	1	273-3475	2	PLATE-WEAR						
	4	1	262-3845	6	PLATE-WEAR						
	5	1	262-3841	1	PLATE-REINFORCEMENT						
	6	1	2C-9259	2	PLATE-IDENTIFICATION (CAT)						
Y	7	1	250-6418	1	ADJUSTER GP-BUCKET						589

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01311238

WORK TOOLS

276-5803 BUCKET & ADJUSTER GP-DITCH CLEANING, CB-FAMILY

S/N: A6F1-UP; A8F1-UP

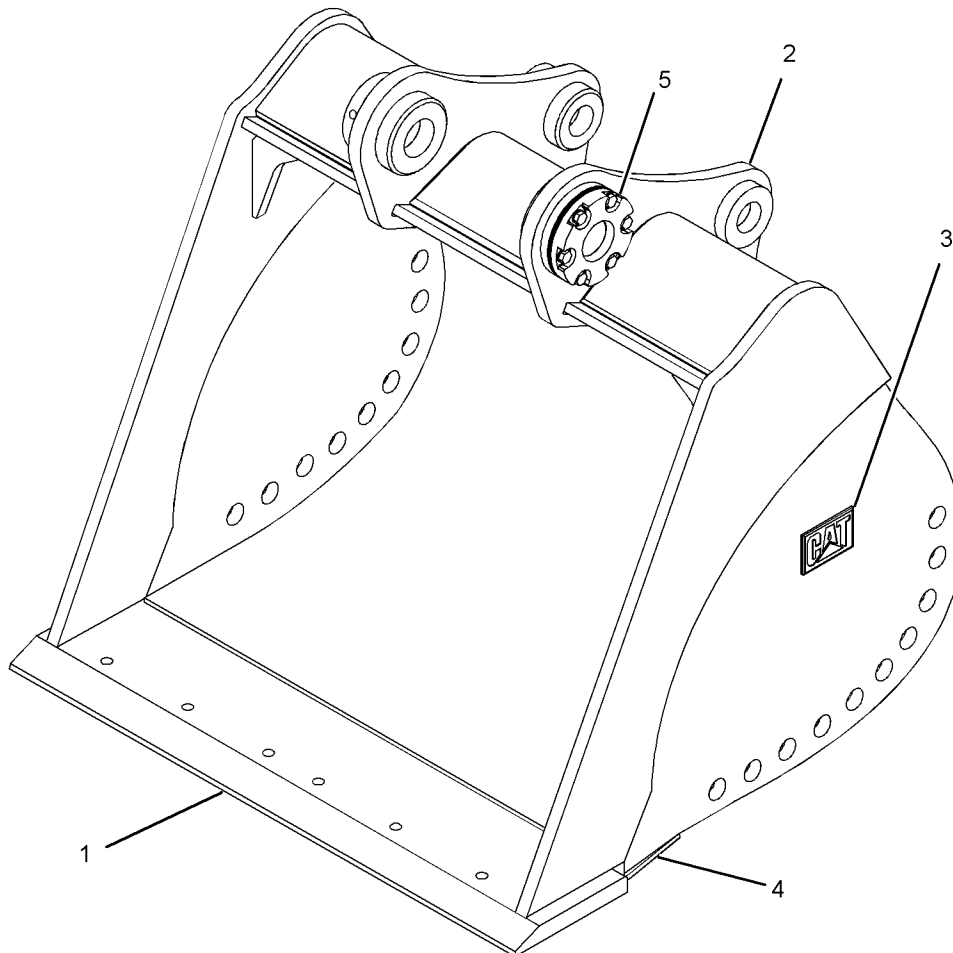
1524-MM (60-IN) WIDE X 1.25-CU M (1.63-CU YD) CAPACITY

AN ATTACHMENT

SMCS-6503, 6513

i02783586

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	227-8203	1	EDGE						
	2	1	281-6770	1	PLATE AS-BOX						
	3	1	2C-9259	2	PLATE-IDENTIFICATION (CAT)						
	4	1	233-4237	1	PLATE-REINFORCEMENT						
Y	5	1	250-6418	1	ADJUSTER GP-BUCKET						589
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g01285124

WORK TOOLS

276 - 5804 BUCKET & ADJUSTER GP-DITCH CLEANING, CB-FAMILY

S/N: A6F1-UP; A8F1-UP

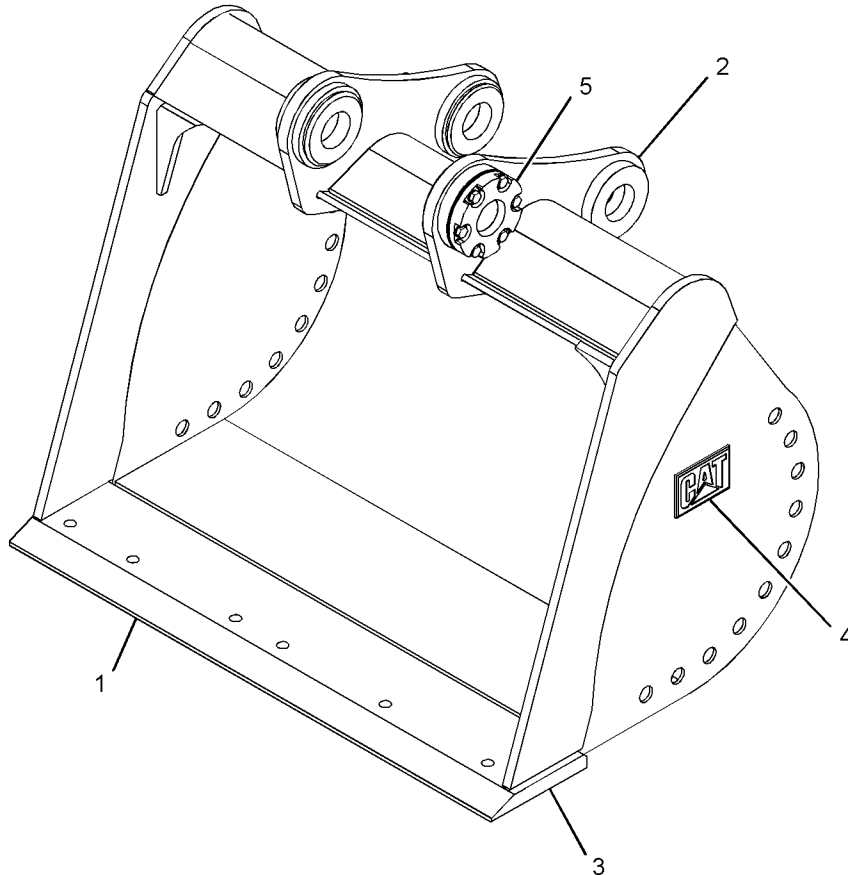
1830-MM (72-IN) WIDE X 1.53-CU M (2.0-CU YD) CAPACITY

AN ATTACHMENT

SMCS-6503, 6513

i02783565

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	232-2923	1	EDGE						
	2	1	281-6771	1	PLATE AS-BOX						
	3	1	233-4238	1	PLATE-REINFORCEMENT						
	4	1	2C-9259	2	PLATE-IDENTIFICATION (CAT)						
Y	5	1	250-6418	1	ADJUSTER GP-BUCKET						589
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g01308420

WORK TOOLS

267-1566 BUCKET AS-HEAVY DUTY-CB-FAMILY

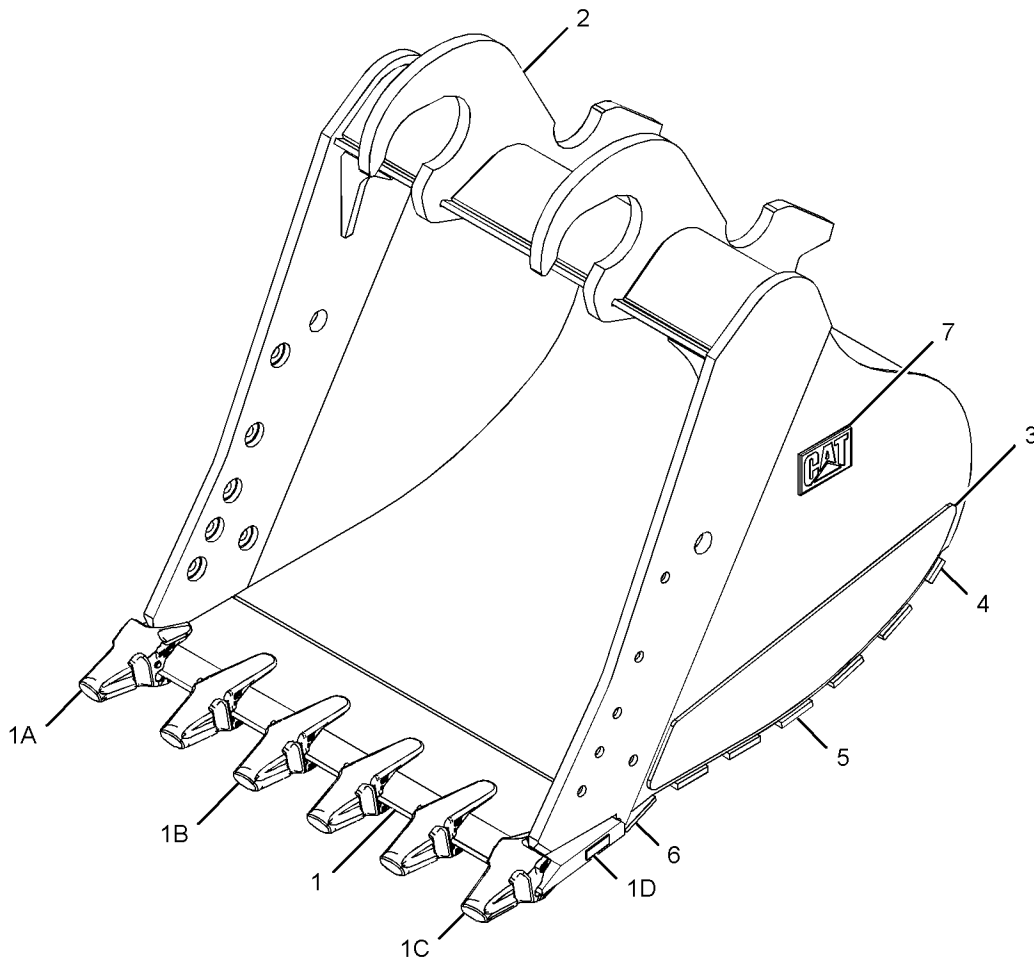
S/N: A6F1-UP; A8F1-UP

1372-MM (54-IN) WIDE X 1.57-CU M (2.05-CU YD) CAPACITY. K-100 ADAPTERS, (6X)
AN ATTACHMENT

SMCS-6531

i02788728

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	279-4105	1	EDGE AS						
	1A	1	232-2106	1	ADAPTER-TIP (K-100, 2-STRAP, LH)						
	1B	1	220-9104	4	ADAPTER-TIP (K-100, 2-STRAP, CENTER)						
	1C	1	232-2105	1	ADAPTER-TIP (K-100, 2-STRAP, RH)						
	1D	1	8P-9770	1	PLATE-INFORMATION						
	2	1	288-1095	1	PLATE AS-BOX						
	3	1	273-3500	2	PLATE-WEAR						
	4	1	262-3849	1	PLATE-WEAR						
	5	1	262-3845	5	PLATE-WEAR						
	6	1	262-3841	1	PLATE-REINFORCEMENT						
	7	1	2C-9259	2	PLATE-IDENTIFICATION (CAT)						



GRAPHIC #1

<END>

g01302804

WORK TOOLS

269-2608 BUCKET AS-HEAVY DUTY-HEAVY-DUTY, B-FAMILY

S/N: A6F1-UP; A8F1-UP

1072-MM (42-IN) WIDE X 1.0-CU M (1.31-CU YD) CAPACITY. K-90 ADAPTERS, (5X)

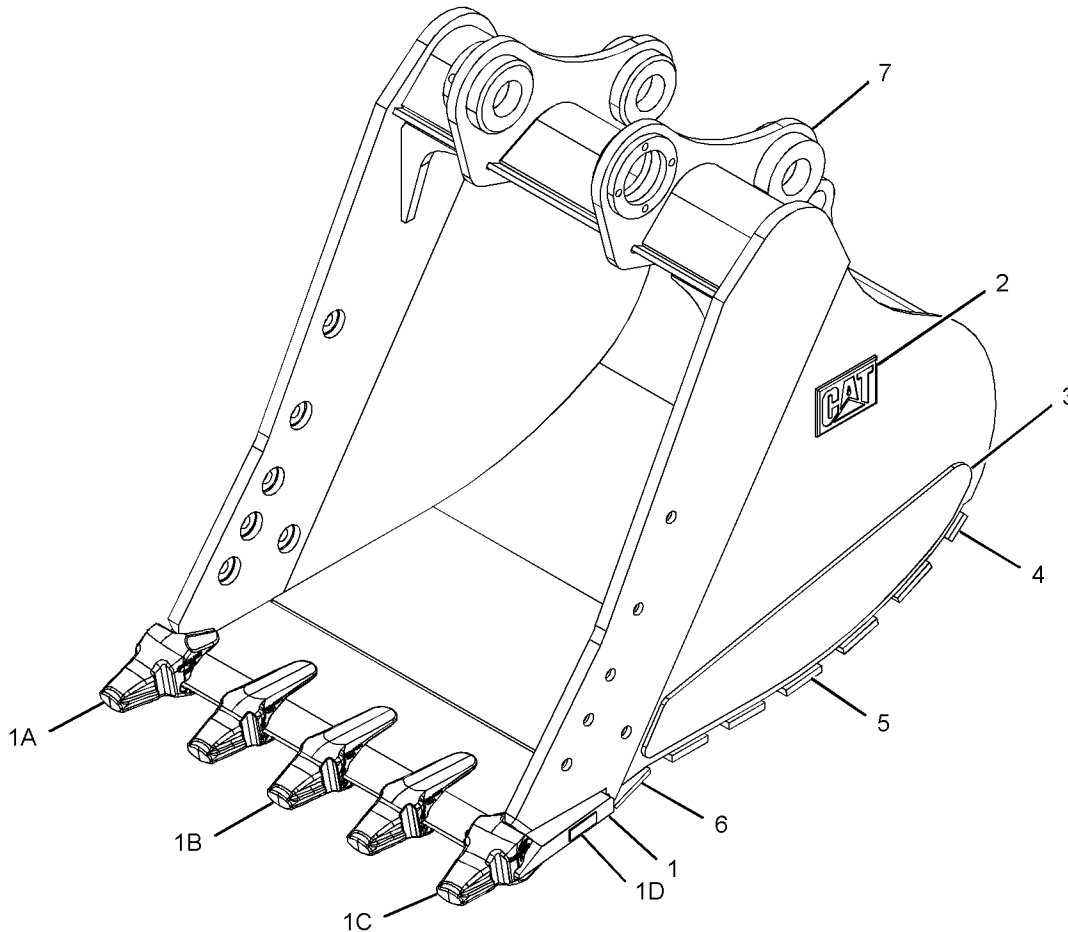
PART OF 269-2600 BUCKET & ADJUSTER GP

AN ATTACHMENT

SMCS-6531

i02788156

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	279-4093	1	EDGE AS						
	1A	1	232-2096	1	ADAPTER-TIP (K-90, 2-STRAP, LH)						
	1B	1	220-9094	3	ADAPTER-TIP (K-90, 2-STRAP, CENTER)						
	1C	1	232-2095	1	ADAPTER-TIP (K-90, 2-STRAP, RH)						
	1D	1	8P-9770	1	PLATE-INFORMATION						
	2	1	2C-9259	1	PLATE-IDENTIFICATION (CAT)						
	3	1	287-6298	2	PLATE-WEAR						
	4	1	273-3430	1	PLATE-WEAR						
	5	1	273-3427	5	PLATE-WEAR						
	6	1	273-3424	1	PLATE-REINFORCEMENT						
	7	1	290-5833	1	PLATE AS-BOX						



GRAPHIC #1

<END>

g01395407

WORK TOOLS

269-2609 BUCKET AS-HEAVY DUTY-HEAVY-DUTY, B-FAMILY

S/N: A6F1-UP; A8F1-UP

1224-MM (48-IN) WIDE X 1.19-CU M (1.55-CU YD) CAPACITY. K-90 ADAPTERS, (6X)

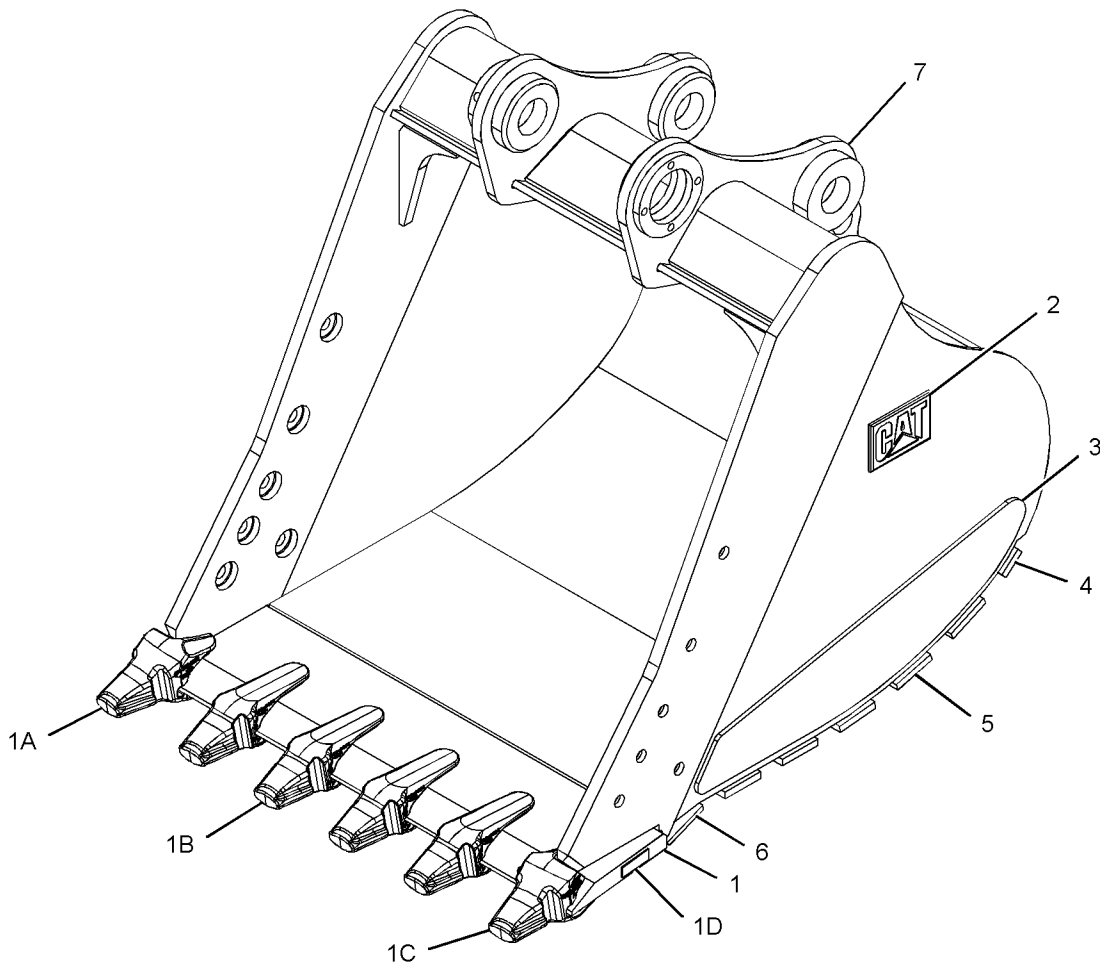
PART OF 269-2601 BUCKET & ADJUSTER GP

AN ATTACHMENT

SMCS-6531

i02788138

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	279-4094	1	EDGE AS						
	1A	1	232-2096	1	ADAPTER-TIP (K-90, 2-STRAP, LH)						
	1B	1	220-9094	4	ADAPTER-TIP (K-90, 2-STRAP, CENTER)						
	1C	1	232-2095	1	ADAPTER-TIP (K-90, 2-STRAP, RH)						
	1D	1	8P-9770	1	PLATE-INFORMATION						
	2	1	2C-9259	1	PLATE-IDENTIFICATION (CAT)						
	3	1	287-6298	2	PLATE-WEAR						
	4	1	262-3848	1	PLATE-WEAR						
	5	1	262-3844	5	PLATE-WEAR						
	6	1	262-3840	1	PLATE-REINFORCEMENT						
	7	1	290-5900	1	PLATE AS-BOX						



GRAPHIC #1

<END>

g01395447

WORK TOOLS

269-2610 BUCKET AS-HEAVY DUTY-HEAVY-DUTY, B-FAMILY

S/N: A6F1-UP; A8F1-UP

1376-MM (54-IN) WIDE X 1.37-CU M (1.80-CU YD) CAPACITY. K-90 ADAPTERS, (7X)

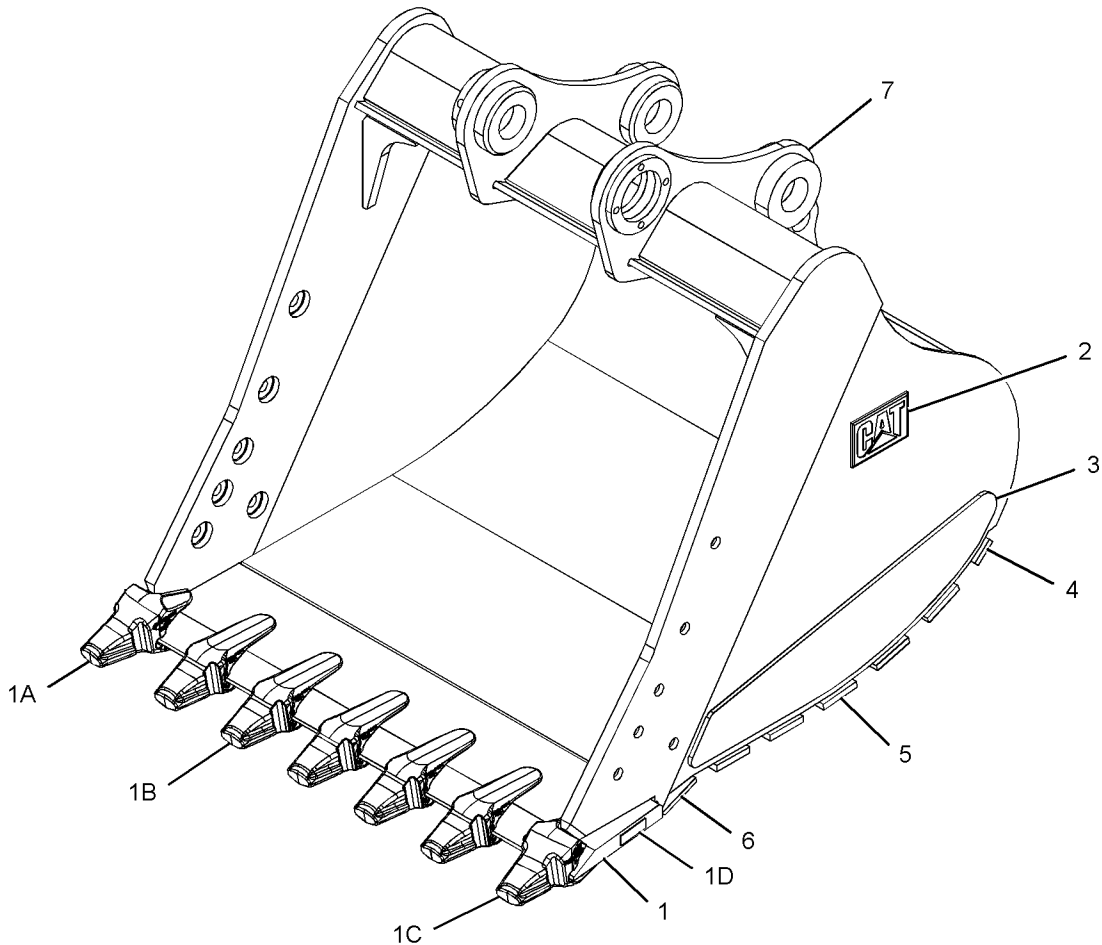
PART OF 269-2603 BUCKET & ADJUSTER GP

AN ATTACHMENT

SMCS-6531

i02788082

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	279-4095	1	EDGE AS						
	1A	1	232-2096	1	ADAPTER-TIP (K-90, 2-STRAP, LH)						
	1B	1	220-9094	5	ADAPTER-TIP (K-90, 2-STRAP, CENTER)						
	1C	1	232-2095	1	ADAPTER-TIP (K-90, 2-STRAP, RH)						
	1D	1	8P-9770	1	PLATE-INFORMATION						
	2	1	2C-9259	1	PLATE-IDENTIFICATION (CAT)						
	3	1	287-6298	2	PLATE-WEAR						
	4	1	262-3849	1	PLATE-WEAR						
	5	1	262-3845	5	PLATE-WEAR						
	6	1	262-3841	1	PLATE-REINFORCEMENT						
	7	1	290-5901	1	PLATE AS-BOX						



GRAPHIC #1

<END>

g01395486

WORK TOOLS

269-2625 BUCKET AS-HEAVY DUTY-B-FAMILY

S/N: A6F1-UP; A8F1-UP

1072-MM (42-IN) WIDE X 0.96-CU M (1.26-CU YD) CAPACITY. K-90 ADAPTERS, (5X)

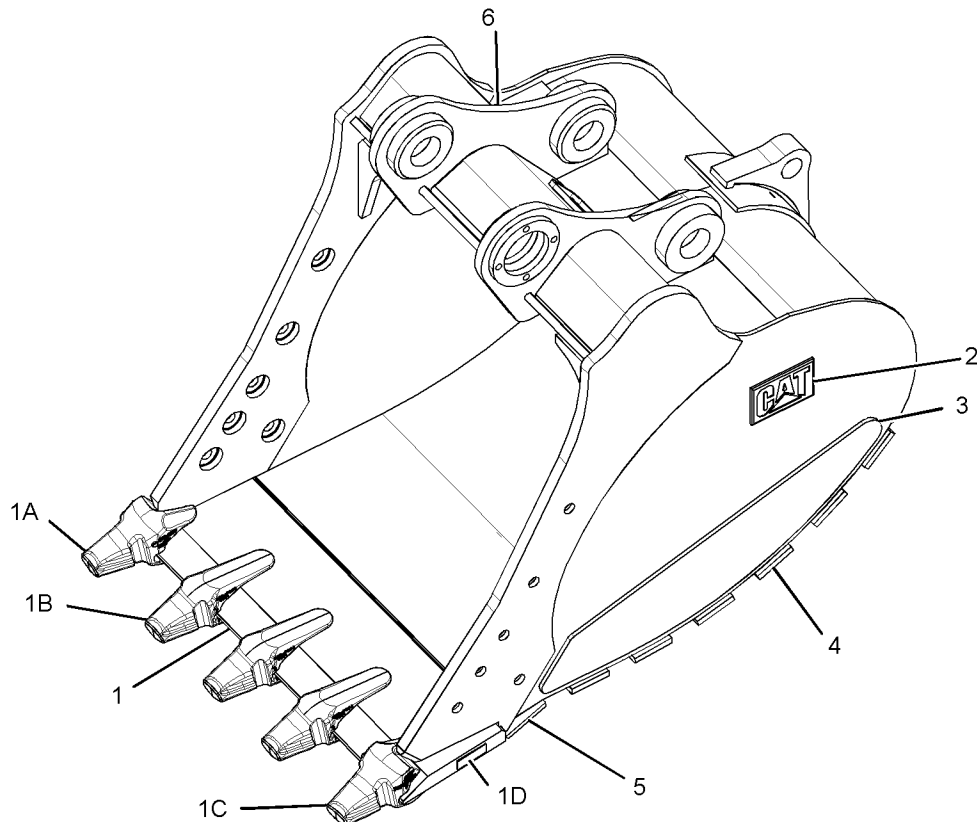
PART OF 269-2622 BUCKET & ADJUSTER GP

AN ATTACHMENT

SMCS-6531

i02787713

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	279-4093	1	EDGE AS						
	1A	1	232-2096	1	ADAPTER-TIP (K-90, 2-STRAP, LH)						
	1B	1	220-9094	3	ADAPTER-TIP (K-90, 2-STRAP, CENTER)						
	1C	1	232-2095	1	ADAPTER-TIP (K-90, 2-STRAP, RH)						
	1D	1	8P-9770	1	PLATE-INFORMATION						
	2	1	2C-9259	1	PLATE-IDENTIFICATION (CAT)						
	3	1	290-5958	1	PLATE-WEAR						
	4	1	273-3427	6	PLATE-WEAR						
	5	1	273-3424	1	PLATE-REINFORCEMENT						
	6	1	290-5962	1	PLATE AS-BOX						



GRAPHIC #1

<END>

g01394717

WORK TOOLS

269-2652 BUCKET AS-HEAVY DUTY-CB-FAMILY

S/N: A6F1-UP; A8F1-UP

1067-MM (42-IN) WIDE X 1.14-CU M (1.49-CU YD) CAPACITY. K-100 ADAPTERS, (5X)

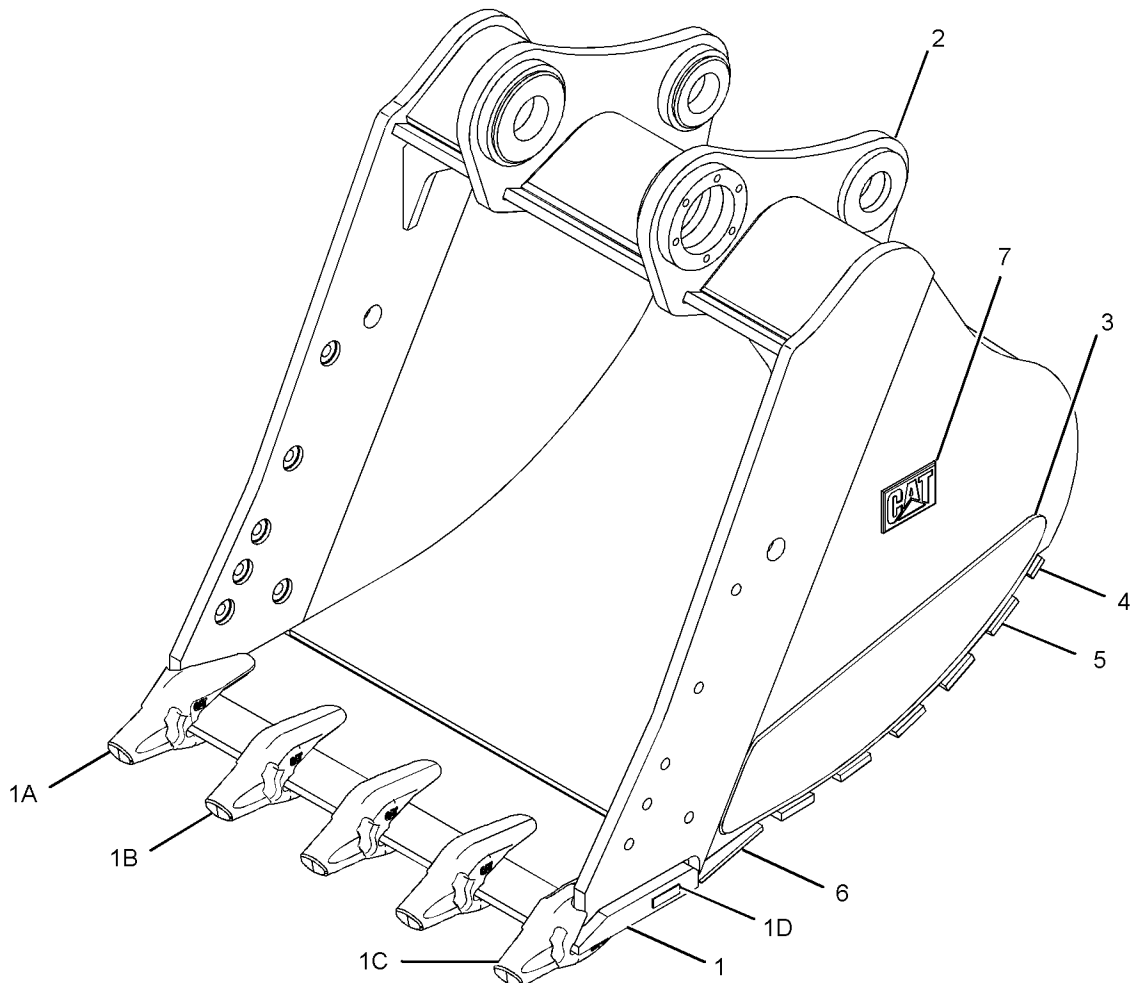
PART OF 269-2644 BUCKET & ADJUSTER GP

AN ATTACHMENT

SMCS-6531

i02786253

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	279-4103	1	EDGE AS						
	1A	1	232-2106	1	ADAPTER-TIP (K-100, 2-STRAP, LH)						
	1B	1	220-9104	3	ADAPTER-TIP (K-100, 2-STRAP, CENTER)						
	1C	1	232-2105	1	ADAPTER-TIP (K-100, 2-STRAP, RH)						
	1D	1	8P-9770	1	PLATE-INFORMATION						
	2	1	273-3480	1	PLATE AS-BOX						
	3	1	273-3500	2	PLATE-WEAR						
	4	1	273-3430	1	PLATE-WEAR						
	5	1	273-3427	5	PLATE-WEAR						
	6	1	273-3424	1	PLATE-REINFORCEMENT						
	7	1	2C-9259	2	PLATE-IDENTIFICATION (CAT)						



GRAPHIC #1

<END>

g01240419

WORK TOOLS

269-2654 BUCKET AS-HEAVY DUTY-CB-FAMILY

S/N: A6F1-UP; A8F1-UP

1372-MM (54-IN) WIDE X 1.57-CU M (2.05-CU YD) CAPACITY. K-100, ADAPTERS (6X)

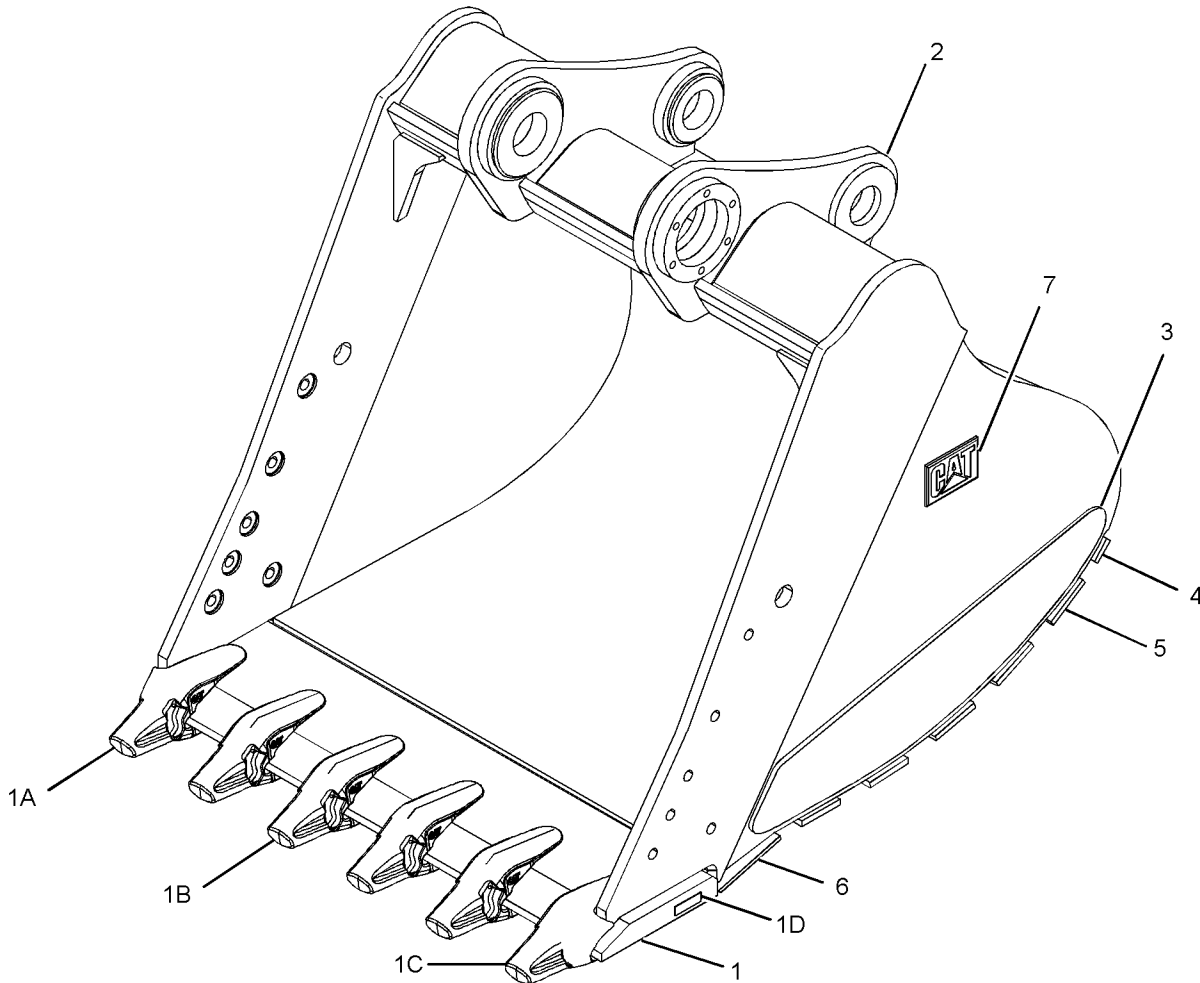
PART OF 269-2646 BUCKET & ADJUSTER GP

AN ATTACHMENT

SMCS-6531

i02786154

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	279-4105	1	EDGE AS						
	1A	1	232-2106	1	ADAPTER-TIP (K-100, 2-STRAP, LH)						
	1B	1	220-9104	4	ADAPTER-TIP (K-100, 2-STRAP, CENTER)						
	1C	1	232-2105	1	ADAPTER-TIP (K-100, 2-STRAP, RH)						
	1D	1	8P-9770	1	PLATE-INFORMATION						
	2	1	271-4704	1	PLATE AS-BOX						
	3	1	273-3500	2	PLATE-WEAR						
	4	1	262-3849	1	PLATE-WEAR						
	5	1	262-3845	5	PLATE-WEAR						
	6	1	262-3841	1	PLATE-REINFORCEMENT						
	7	1	2C-9259	2	PLATE-IDENTIFICATION (CAT)						



GRAPHIC #1

<END>

g01240430

WORK TOOLS

269-2655 BUCKET AS-HEAVY DUTY-CB-FAMILY

S/N: A6F1-UP; A8F1-UP

1524-MM (60-IN) WIDE X 1.78-CU M (2.33-CU YD) CAPACITY. K-100 ADAPTERS, (7X)

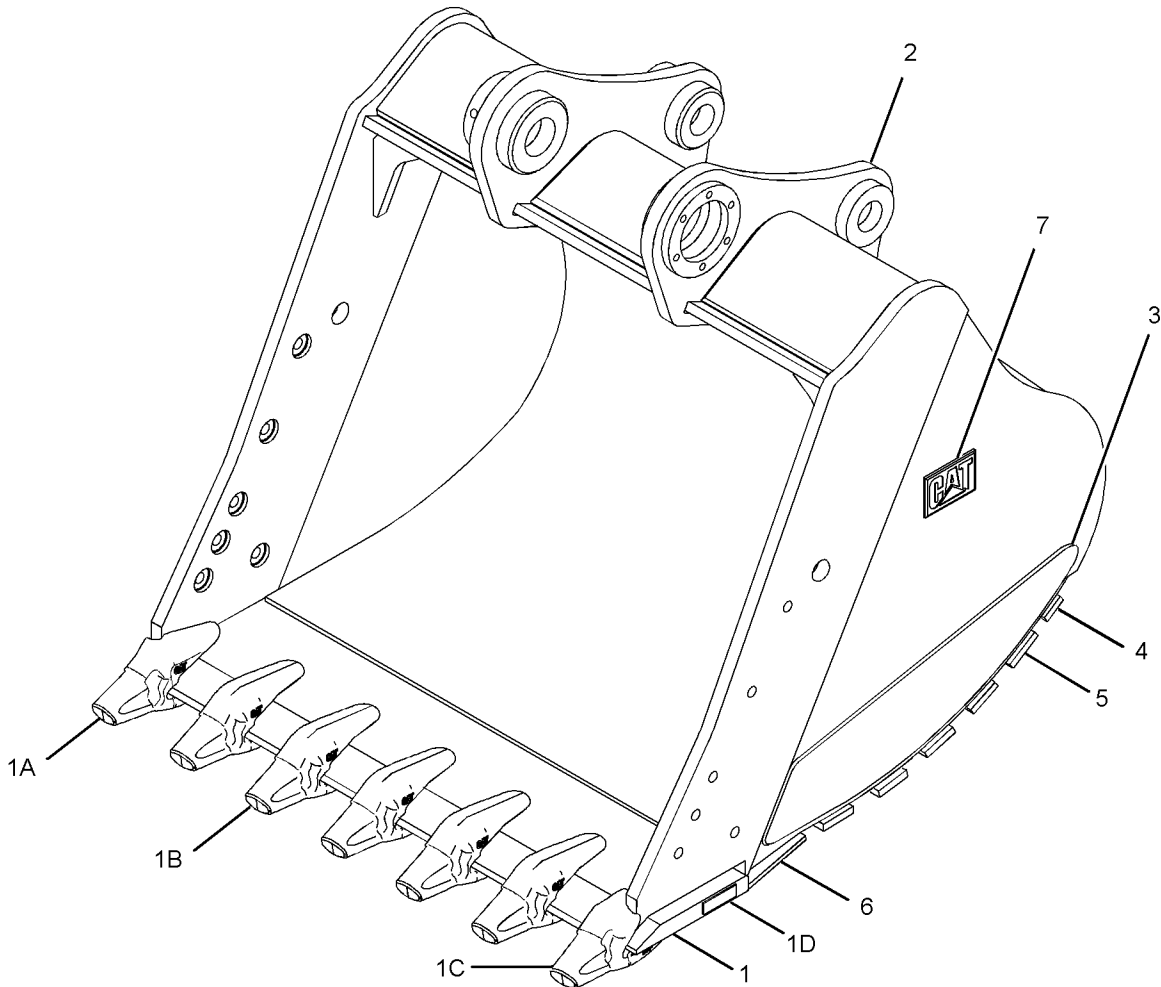
PART OF 269-2647 BUCKET & ADJUSTER GP

AN ATTACHMENT

SMCS-6531

i02786029

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	279-4106	1	EDGE AS						
	1A	1	232-2106	1	ADAPTER-TIP (K-100, 2-STRAP, LH)						
	1B	1	220-9104	5	ADAPTER-TIP (K-100, 2-STRAP, CENTER)						
	1C	1	232-2105	1	ADAPTER-TIP (K-100, 2-STRAP, RH)						
	1D	1	8P-9770	1	PLATE-INFORMATION						
	2	1	273-3481	1	PLATE AS-BOX						
	3	1	273-3500	2	PLATE-WEAR						
	4	1	273-1271	1	PLATE-WEAR						
	5	1	273-1270	5	PLATE-WEAR						
	6	1	273-1269	1	PLATE-REINFORCEMENT						
	7	1	2C-9259	2	PLATE-IDENTIFICATION (CAT)						



GRAPHIC #1

<END>

g01240435

WORK TOOLS

269-2656 BUCKET AS-HEAVY DUTY-CB-FAMILY

S/N: A6F1-UP; A8F1-UP

1676-MM (66-IN) WIDE X 1.99-CU M (2.61-CU YD) CAPACITY. K-100 ADAPTERS, (7X)

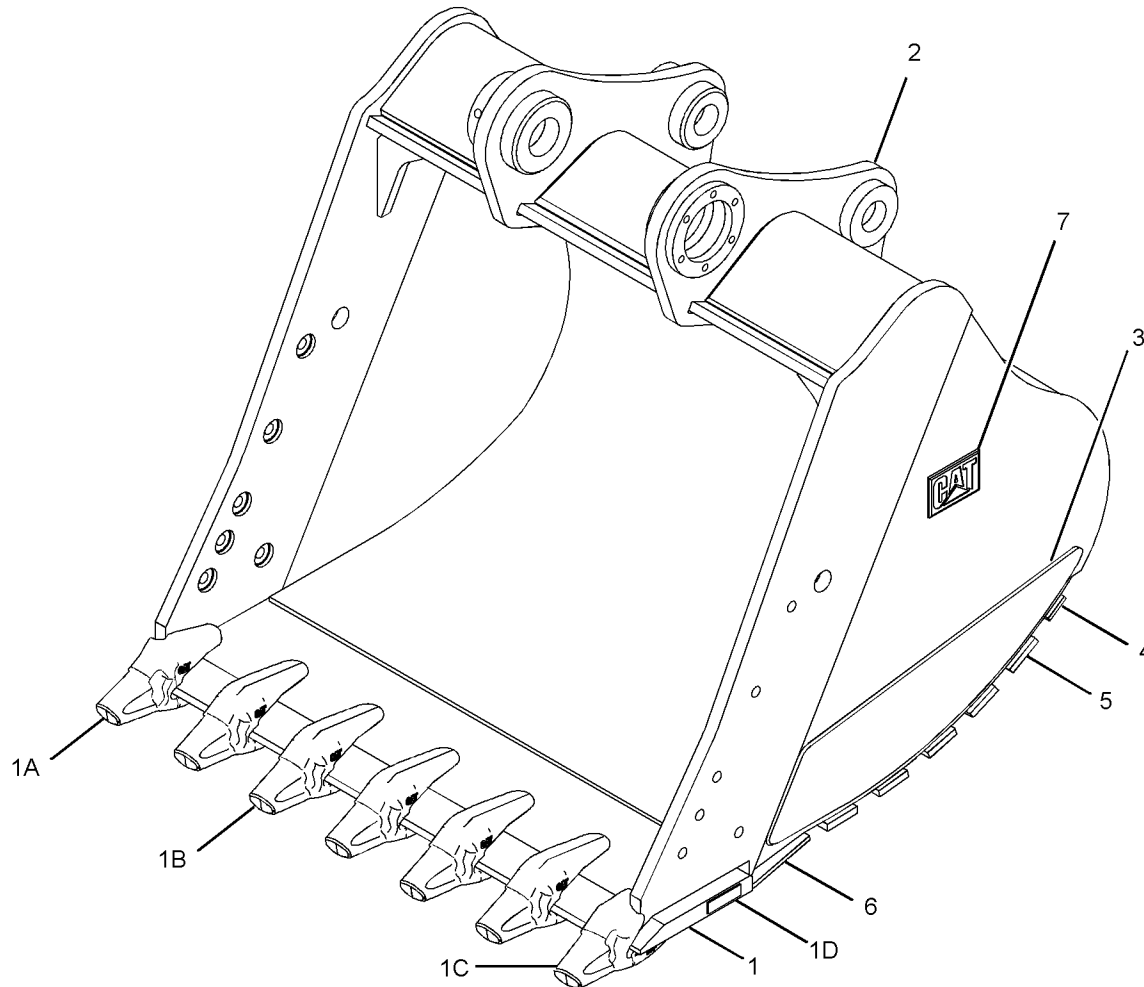
PART OF 269-2648 BUCKET & ADJUSTER GP

AN ATTACHMENT

SMCS-6531

i02785777

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	279-4107	1	EDGE AS						
	1A	1	232-2106	1	ADAPTER-TIP (K-100, 2-STRAP, LH)						
	1B	1	220-9104	5	ADAPTER-TIP (K-100, 2-STRAP, CENTER)						
	1C	1	232-2105	1	ADAPTER-TIP (K-100, 2-STRAP, RH)						
	1D	1	8P-9770	1	PLATE-INFORMATION						
	2	1	273-3482	1	PLATE AS-BOX						
	3	1	273-3500	2	PLATE-WEAR						
	4	1	273-3431	1	PLATE-WEAR						
	5	1	273-3428	5	PLATE-WEAR						
	6	1	273-3425	1	PLATE-REINFORCEMENT						
	7	1	2C-9259	2	PLATE-IDENTIFICATION (CAT)						



GRAPHIC #1

<END>

g01240710

WORK TOOLS

281 -2096 BUCKET AS-HEAVY DUTY-CB-FAMILY

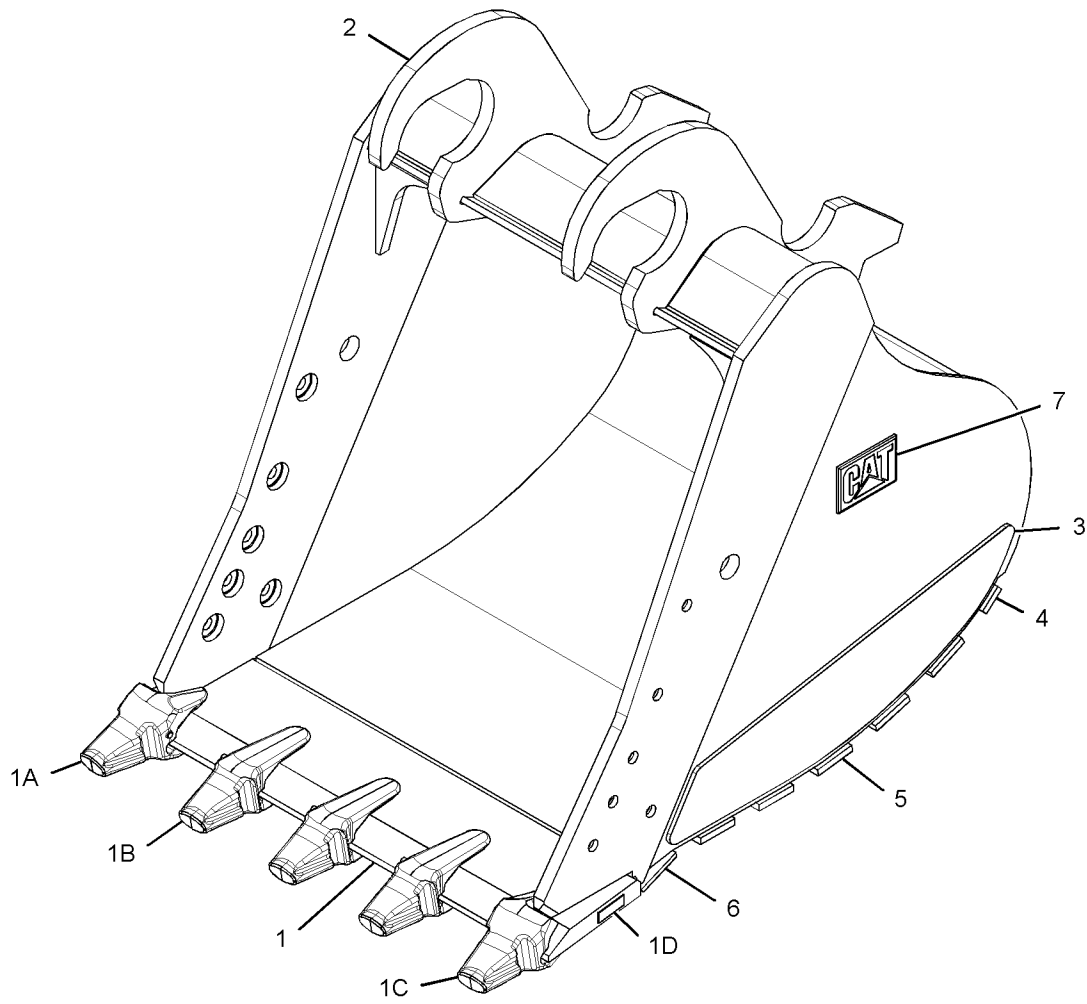
S/N: A6F1-UP; A8F1-UP

1219-MM (48-IN) WIDE X 1.36-CU M (1.77-CU YD) CAPACITY. K-100 ADAPTERS (5X)
AN ATTACHMENT

SMCS-6531

i02783440

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	279-4104	1	EDGE AS						
	1A	1	232-2106	1	ADAPTER-TIP (K-100, 2-STRAP, LH)						
	1B	1	220-9104	3	ADAPTER-TIP (K-100, 2-STRAP, CENTER)						
	1C	1	232-2105	1	ADAPTER-TIP (K-100, 2-STRAP, RH)						
	1D	1	8P-9770	1	PLATE-INFORMATION						
	2	1	288-1094	1	PLATE AS-BOX						
	3	1	273-3500	2	PLATE-WEAR						
	4	1	262-3848	1	PLATE-WEAR						
	5	1	262-3844	5	PLATE-WEAR						
	6	1	262-3840	1	PLATE-REINFORCEMENT						
	7	1	2C-9259	2	PLATE-IDENTIFICATION (CAT)						



GRAPHIC #1

<END>

g01322759

WORK TOOLS

269-2626 BUCKET AS-HEAVY DUTY POWER-B-FAMILY

S/N: A6F1-UP; A8F1-UP

1224-MM (48-IN) WIDE X 1.14-CU M (1.49-CU YD) CAPACITY. K-90 ADAPTERS, (6X)

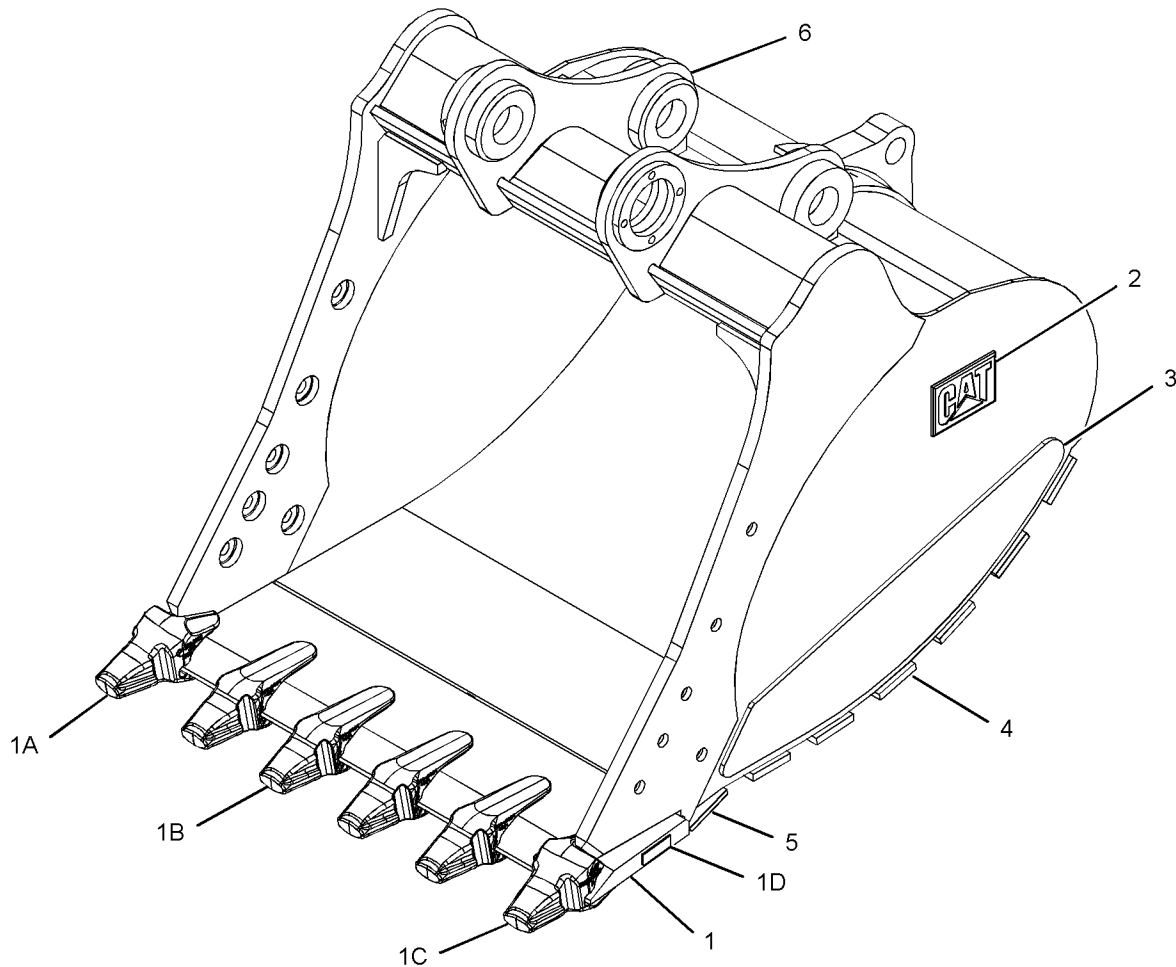
PART OF 269-2623 BUCKET & ADJUSTER GP

AN ATTACHMENT

SMCS-6531

i02786322

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	279-4094	1	EDGE AS						
	1A	1	232-2096	1	ADAPTER-TIP (K-90, 2-STRAP, LH)						
	1B	1	220-9094	4	ADAPTER-TIP (K-90, 2-STRAP, CENTER)						
	1C	1	232-2095	1	ADAPTER-TIP (K-90, 2-STRAP, RH)						
	1D	1	8P-9770	1	PLATE-INFORMATION						
	2	1	2C-9259	1	PLATE-IDENTIFICATION (CAT)						
	3	1	290-5958	2	PLATE-WEAR						
	4	1	262-3844	6	PLATE-WEAR						
	5	1	262-3840	1	PLATE-REINFORCEMENT						
	6	1	290-5963	1	PLATE AS-BOX						



GRAPHIC #1

<END>

g01395786

WORK TOOLS

269-2617 BUCKET AS-HEAVY DUTY ROCK- HEAVY-DUTY ROCK, B-FAMILY

S/N: A6F1-UP; A8F1-UP

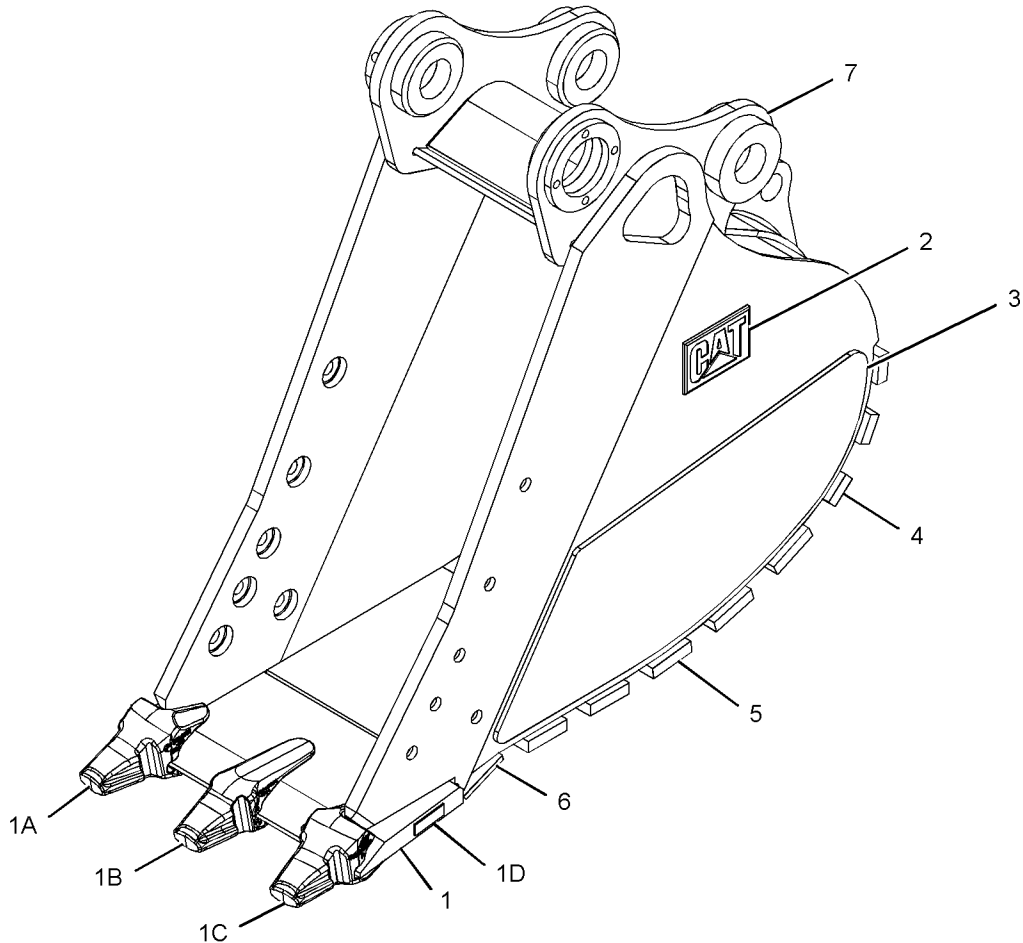
615-MM (24-IN) WIDE X 0.47-CU M (0.61-CU YD) CAPACITY. K-90 ADAPTERS, (3X)

PART OF 269-2613 BUCKET & ADJUSTER GP
AN ATTACHMENT

SMCS-6102

i02787996

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6	
	1	1	279-4090	1	EDGE AS						
	1A	1	232-2096	1	ADAPTER-TIP (K-90, 2-STRAP, LH)						
	1B	1	220-9094	1	ADAPTER-TIP (K-90, 2-STRAP, CENTER)						
	1C	1	232-2095	1	ADAPTER-TIP (K-90, 2-STRAP, RH)						
	1D	1	8P-9770	1	PLATE-INFORMATION						
	2	1	2C-9259	1	PLATE-IDENTIFICATION (CAT)						
	3	1	287-6300	2	PLATE-WEAR						
	4	1	276-5791	3	PLATE-WEAR						
	5	1	276-5790	5	PLATE-WEAR						
	6	1	273-3423	1	PLATE-REINFORCEMENT						
	7	1	290-5830	1	PLATE AS-BOX						



GRAPHIC #1

<END>

g01395595

WORK TOOLS

269-2618 BUCKET AS-HEAVY DUTY ROCK- HEAVY-DUTY ROCK, B-FAMILY

S/N: A6F1-UP; A8F1-UP

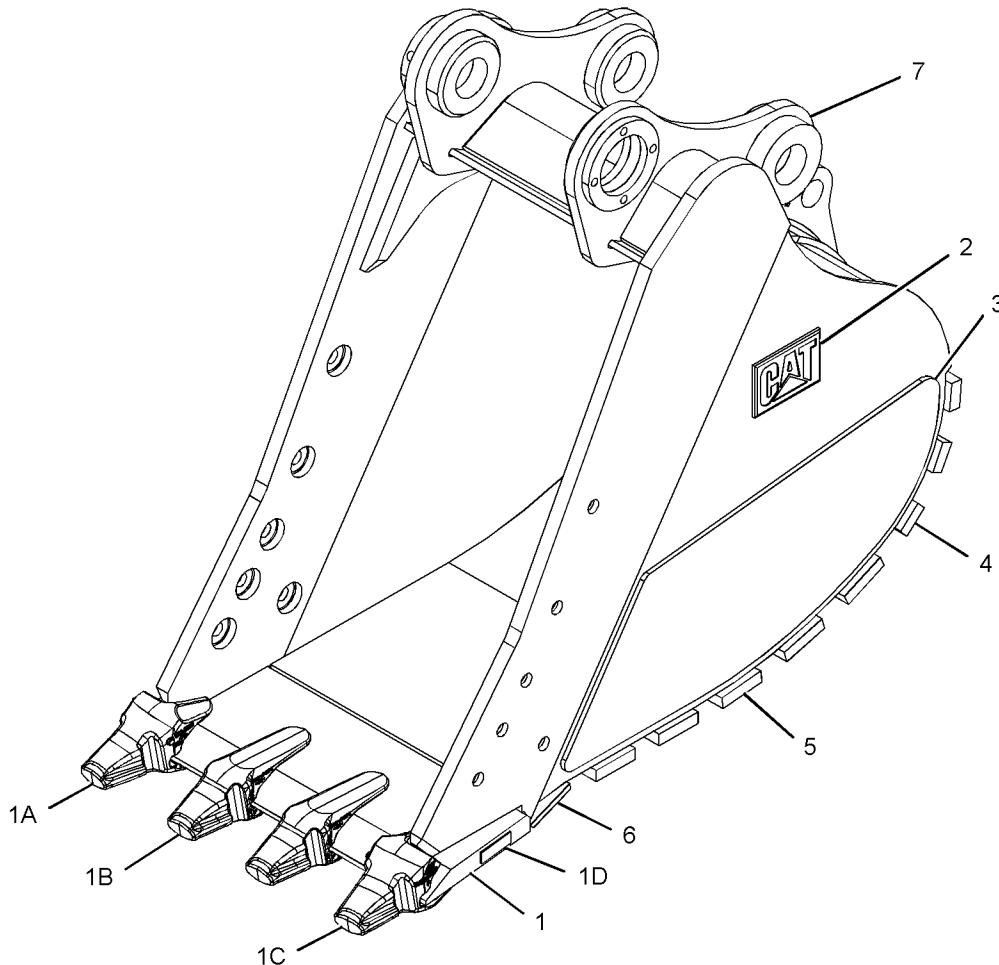
770-MM (30-IN) WIDE X 0.64-CU M (0.84-CU YD) CAPACITY. K-90 ADAPTERS, (4X)

PART OF 269-2614 BUCKET & ADJUSTER GP
AN ATTACHMENT

SMCS-6102

i02787918

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6	
	1	1	279-4091	1	EDGE AS						
	1A	1	232-2096	1	ADAPTER-TIP (K-90, 2-STRAP, LH)						
	1B	1	220-9094	2	ADAPTER-TIP (K-90, 2-STRAP, CENTER)						
	1C	1	232-2095	1	ADAPTER-TIP (K-90, 2-STRAP, RH)						
	1D	1	8P-9770	1	PLATE-INFORMATION						
	2	1	2C-9259	1	PLATE-IDENTIFICATION (CAT)						
	3	1	287-6300	2	PLATE-WEAR						
	4	1	273-3436	3	PLATE-WEAR						
	5	1	273-3432	5	PLATE-WEAR						
	6	1	262-3838	1	PLATE-REINFORCEMENT						
	7	1	290-5831	1	PLATE AS-BOX						



GRAPHIC #1

<END>

g01395611

WORK TOOLS

269-2619 BUCKET AS-HEAVY DUTY ROCK- HEAVY-DUTY ROCK, B-FAMILY

S/N: A6F1-UP; A8F1-UP

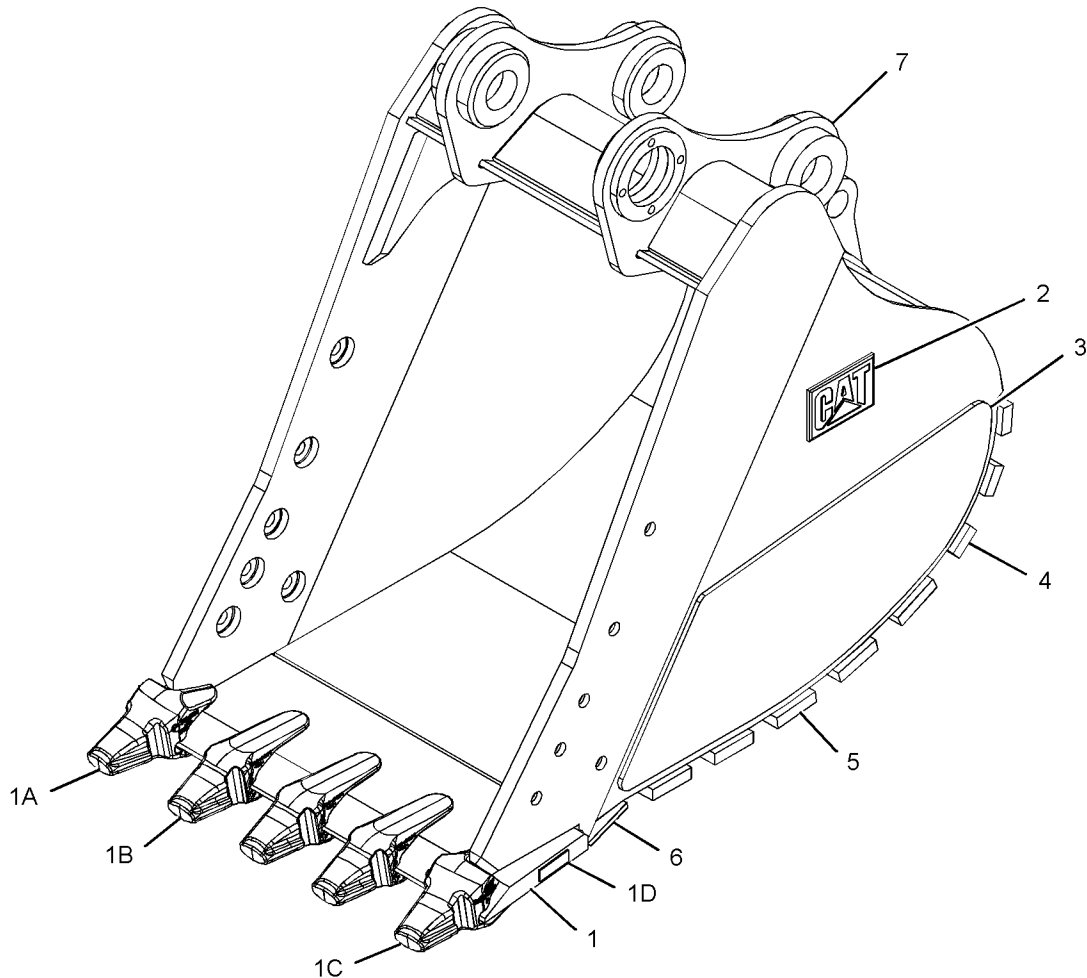
918-MM (36-IN) WIDE X 0.82-CU M (1.07-CU YD) CAPACITY . K-90 ADAPTERS, (5X)

PART OF 269-2615 BUCKET & ADJUSTER GP
AN ATTACHMENT

SMCS-6102

i02787811

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	279-4092	1	EDGE AS						
	1A	1	232-2096	1	ADAPTER-TIP (K-90, 2-STRAP, LH)						
	1B	1	220-9094	3	ADAPTER-TIP (K-90, 2-STRAP, CENTER)						
	1C	1	232-2095	1	ADAPTER-TIP (K-90, 2-STRAP, RH)						
	1D	1	8P-9770	1	PLATE-INFORMATION						
	2	1	2C-9259	1	PLATE-IDENTIFICATION (CAT)						
	3	1	287-6300	2	PLATE-WEAR						
	4	1	273-3437	3	PLATE-WEAR						
	5	1	273-3433	5	PLATE-WEAR						
	6	1	262-3839	1	PLATE-REINFORCEMENT						
	7	1	290-5832	1	PLATE AS-BOX						



GRAPHIC #1

<END>

g01395619

WORK TOOLS

269-2620 BUCKET AS-HEAVY DUTY ROCK- HEAVY-DUTY ROCK, B-FAMILY

S/N: A6F1-UP; A8F1-UP

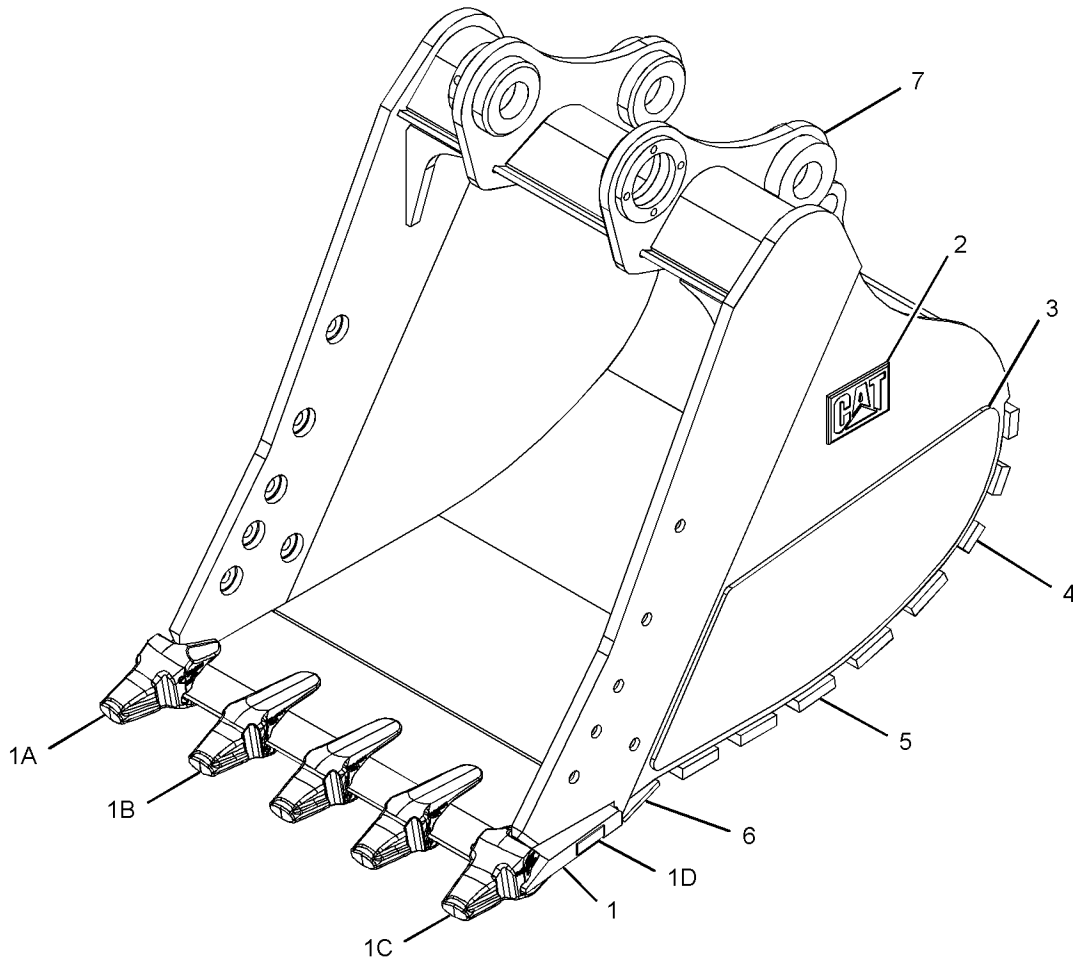
1072-MM (42-IN) WIDE X 1.00-CU M (1.31-CU YD) CAPACITY. K-90 ADAPTER, (5X)

PART OF 269-2616 BUCKET & ADJUSTER GP
AN ATTACHMENT

SMCS-6102

i02787766

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6	
	1	1	279-4093	1	EDGE AS						
	1A	1	232-2096	1	ADAPTER-TIP (K-90, 2-STRAP, LH)						
	1B	1	220-9094	3	ADAPTER-TIP (K-90, 2-STRAP, CENTER)						
	1C	1	232-2095	1	ADAPTER-TIP (K-90, 2-STRAP, RH)						
	1D	1	8P-9770	1	PLATE-INFORMATION						
	2	1	2C-9259	1	PLATE-IDENTIFICATION (CAT)						
	3	1	287-6300	2	PLATE-WEAR						
	4	1	273-3438	3	PLATE-WEAR						
	5	1	273-3434	5	PLATE-WEAR						
	6	1	273-3424	1	PLATE-REINFORCEMENT						
	7	1	290-5833	1	PLATE AS-BOX						



GRAPHIC #1

<END>

g01395603

WORK TOOLS

269-2661 BUCKET AS-HEAVY DUTY ROCK-CB-FAMILY

S/N: A6F1-UP; A8F1-UP

762-MM (30-IN) WIDE X 0.73-CU M (0.96-CU YD) CAPACITY. K-100 ADAPTERS (3X)

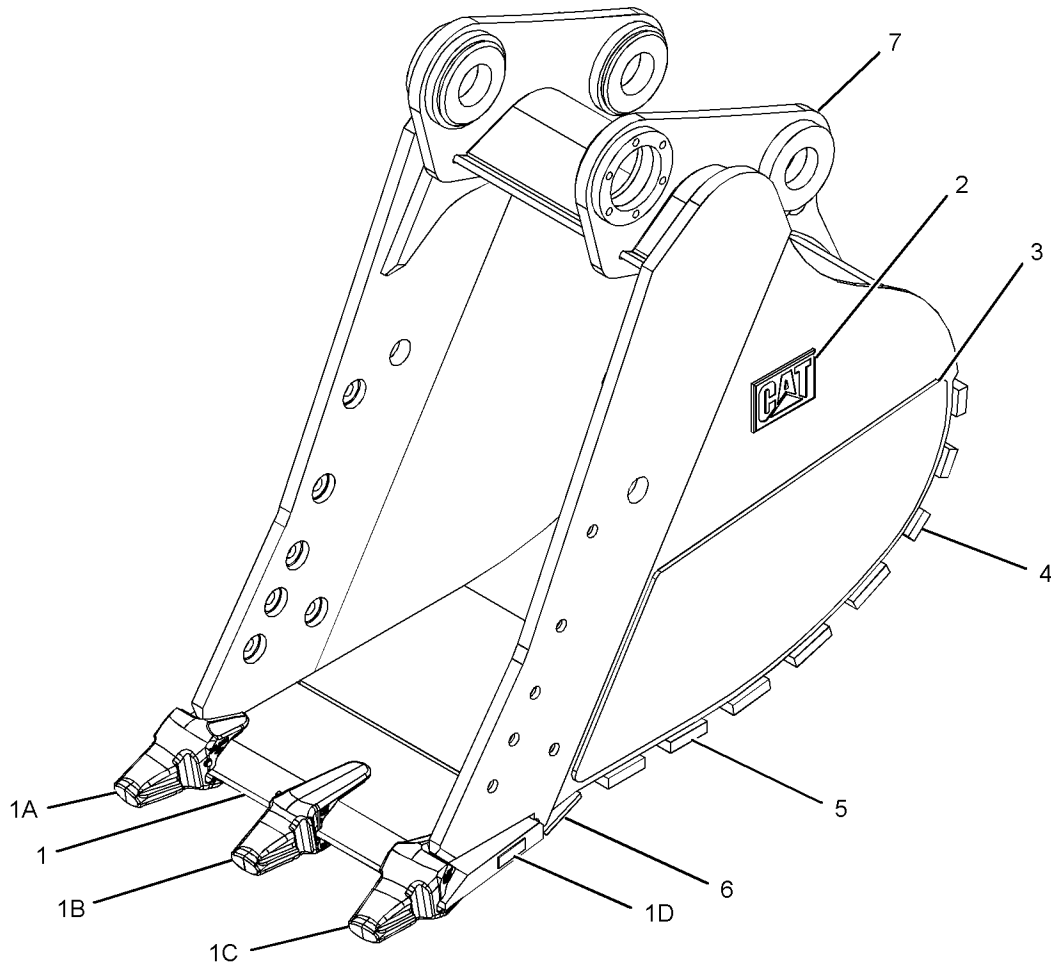
PART OF 269-2657 BUCKET & ADJUSTER GP

AN ATTACHMENT

SMCS-6102

i02785140

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	279-4101	1	EDGE AS						
	1A	1	232-2106	1	ADAPTER-TIP (K-100, 2-STRAP, LH)						
	1B	1	220-9104	1	ADAPTER-TIP (K-100, 2-STRAP, CENTER)						
	1C	1	232-2105	1	ADAPTER-TIP (K-100, 2-STRAP, RH)						
	1D	1	8P-9770	1	PLATE-INFORMATION						
	2	1	2C-9259	1	PLATE-IDENTIFICATION (CAT)						
	3	1	276-5789	2	PLATE-WEAR						
	4	1	273-3436	3	PLATE-WEAR						
	5	1	273-3432	5	PLATE-WEAR						
	6	1	262-3838	1	PLATE-REINFORCEMENT						
	7	1	271-4701	1	PLATE AS-BOX						



GRAPHIC #1

<END>

g01394736

WORK TOOLS

269 - 2662 BUCKET AS-HEAVY DUTY ROCK-CB-FAMILY

S/N: A6F1-UP; A8F1-UP

914-MM (36-IN) WIDE X 0.93-CU M (1.22-CU YD) CAPACITY. K-100 ADAPTERS, (4X)

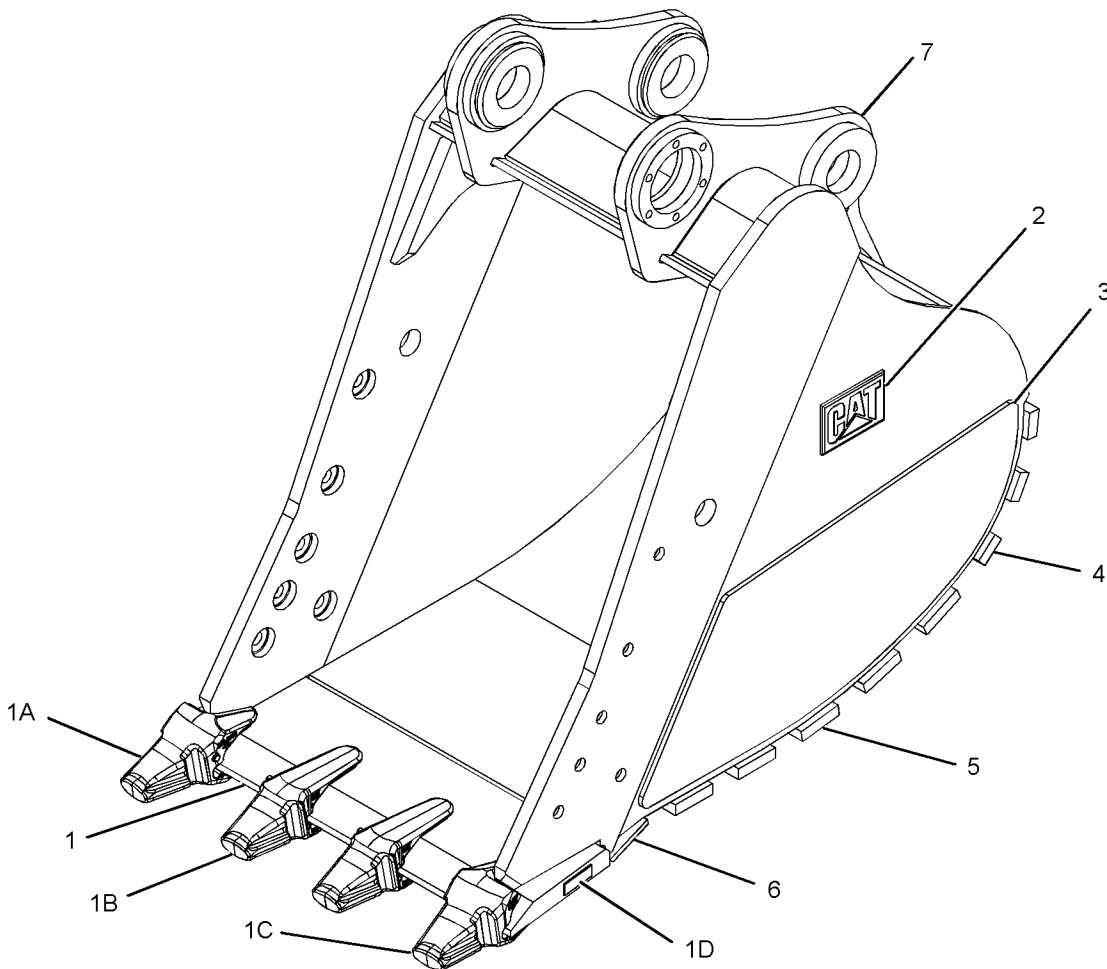
PART OF 269-2658 BUCKET & ADJUSTER GP

AN ATTACHMENT

SMCS-6102

i02785004

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	279-4102	1	EDGE AS						
	1A	1	232-2106	1	ADAPTER-TIP (K-100, 2-STRAP, LH)						
	1B	1	220-9104	2	ADAPTER-TIP (K-100, 2-STRAP, CENTER)						
	1C	1	232-2105	1	ADAPTER-TIP (K-100, 2-STRAP, RH)						
	1D	1	8P-9770	1	PLATE-INFORMATION						
	2	1	2C-9259	1	PLATE-IDENTIFICATION (CAT)						
	3	1	276-5789	2	PLATE-WEAR						
	4	1	273-3437	3	PLATE-WEAR						
	5	1	273-3433	5	PLATE-WEAR						
	6	1	262-3839	1	PLATE-REINFORCEMENT						
	7	1	271-4702	1	PLATE AS-BOX						



GRAPHIC #1

<END>

g01394720

WORK TOOLS

269 - 2664 BUCKET AS-HEAVY DUTY ROCK-CB-FAMILY

S/N: A6F1-UP; A8F1-UP

1219-MM (48-IN) WIDE X 1.35-CU M (1.77-CU YD) CAPACITY. K-100 ADAPTERS, (5X)

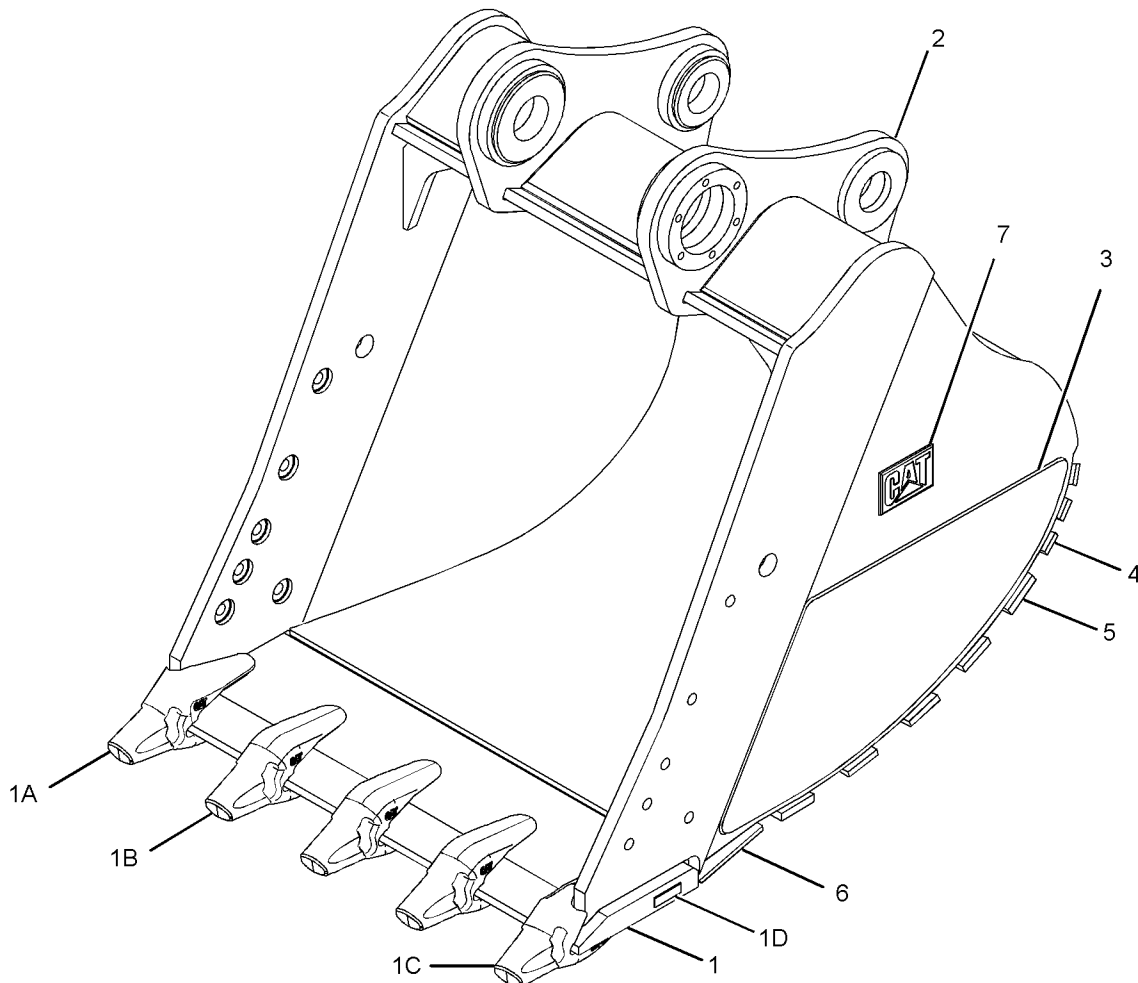
PART OF 269-2660 BUCKET & ADJUSTER GP

AN ATTACHMENT

SMCS-6102

i02784838

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	279-4104	1	EDGE AS						
	1A	1	232-2106	1	ADAPTER-TIP (K-100, 2-STRAP, LH)						
	1B	1	220-9104	3	ADAPTER-TIP (K-100, 2-STRAP, CENTER)						
	1C	1	232-2105	1	ADAPTER-TIP (K-100, 2-STRAP, RH)						
	1D	1	8P-9770	1	PLATE-INFORMATION						
	2	1	271-4703	1	PLATE AS-BOX						
	3	1	276-5789	2	PLATE-WEAR						
	4	1	273-3439	3	PLATE-WEAR						
	5	1	273-3435	5	PLATE-WEAR						
	6	1	262-3840	1	PLATE-REINFORCEMENT						
	7	1	2C-9259	2	PLATE-IDENTIFICATION (CAT)						



GRAPHIC #1

<END>

g01241083

WORK TOOLS

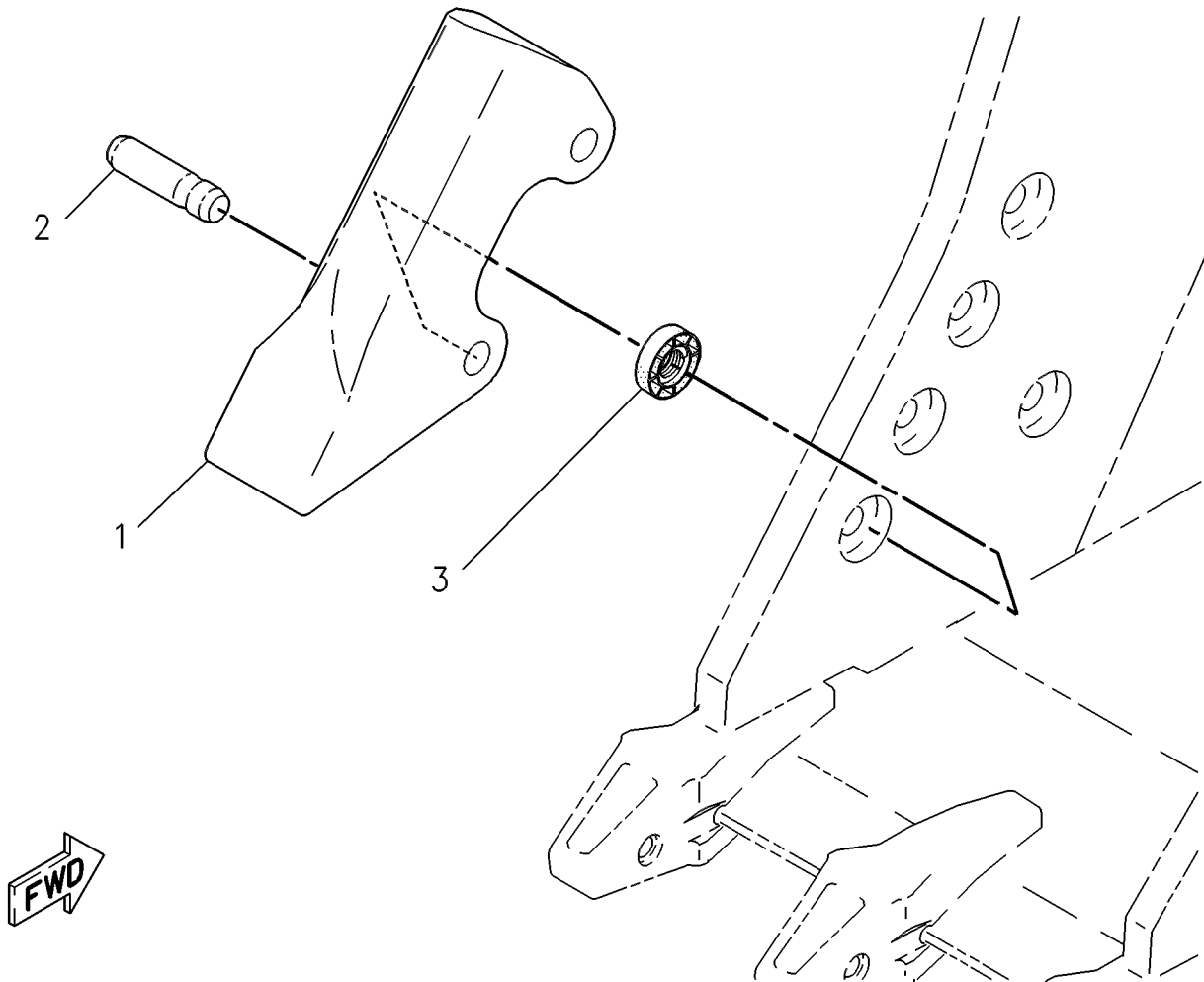
112-2482 PROTECTOR GP-BUCKET

S/N: A6F1-UP; A8F1-UP
AN ATTACHMENT

SMCS-6817

i01397422

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	112-2489	2	PROTECTOR-SIDEBAR						
	2	1	112-2490	4	PIN-G.E.T.						
	3	1	132-0999	4	RETAINER AS-G.E.T.						



GRAPHIC #1

<END>

g00276568

WORK TOOLS

195 - 7216 PROTECTOR GP - SIDE BAR

S/N: A6F1-UP; A8F1-UP

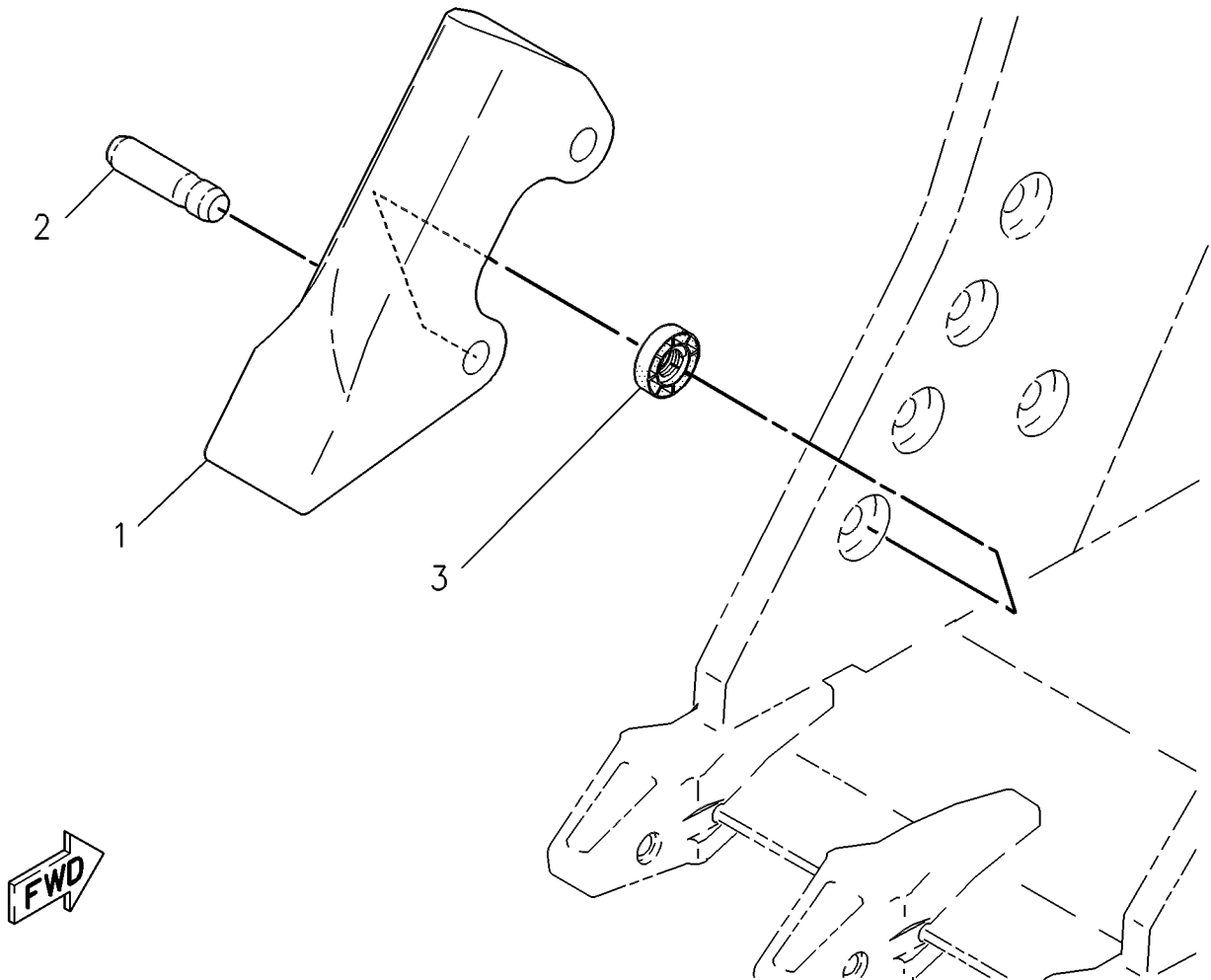
FOR USE WITH B AND C FAMILY HEAVY DUTY, HEAVY DUTY ROCK, AND HEAVY DUTY POWER BUCKETS

AN ATTACHMENT

SMCS-6817

i01891528

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	112-2489	4	PROTECTOR-SIDE BAR						
	2	1	112-2490	8	PIN-G.E.T.						
	3	1	132-0999	8	RETAINER AS-G.E.T.						



GRAPHIC #1

<END>

g00276568

WORK TOOLS

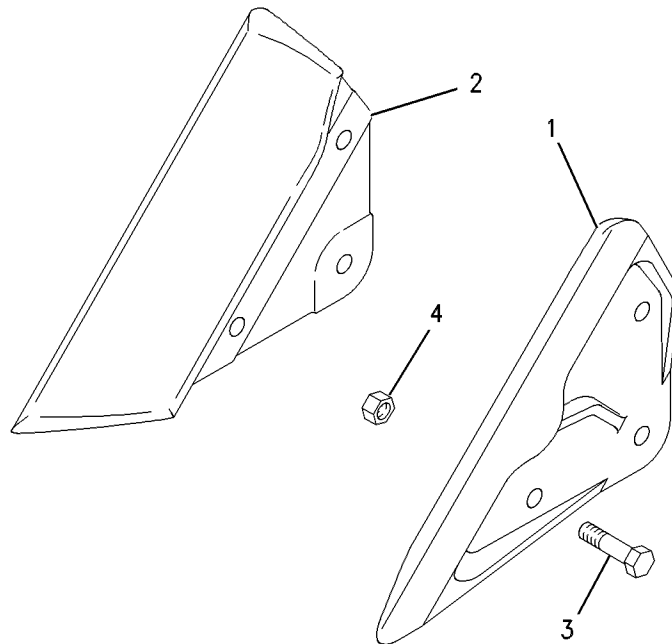
7Y-0366 SIDECUTTER GP

S/N: A6F1-UP; A8F1-UP
FOR USE WITH C & D FAMILY BUCKETS
AN ATTACHMENT

SMCS-6813

i00751506

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7Y-0357		SIDECUTTER-RH						
	2	1	7Y-0358		SIDECUTTER-LH						
	3	1	2J-3507		NUT-FULL (1-8 THD)						
	4	1	6I-6371		BOLT (1-8X2.5IN)						



GRAPHIC #1

<END>

g00312593

WORK TOOLS

283 - 3326 SIDECUTTER GP

S/N: A6F1-UP; A8F1-UP

AN ATTACHMENT

SMCS-6813

i02783395

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	1D-4635	8	BOLT (1-8X2.5-IN)						
	7X-7595	8	NUT PACKAGE						
	232-2147	1	SIDECUTTER (RH)						
	232-2148	1	SIDECUTTER (LH)						
	3K-5234	8	WASHER-HARD (28X49X6-MM THK)						
<END>									

WORK TOOLS

217-4891 TIP GP-EXTRA DUTY

S/N: A6F1-UP; A8F1-UP

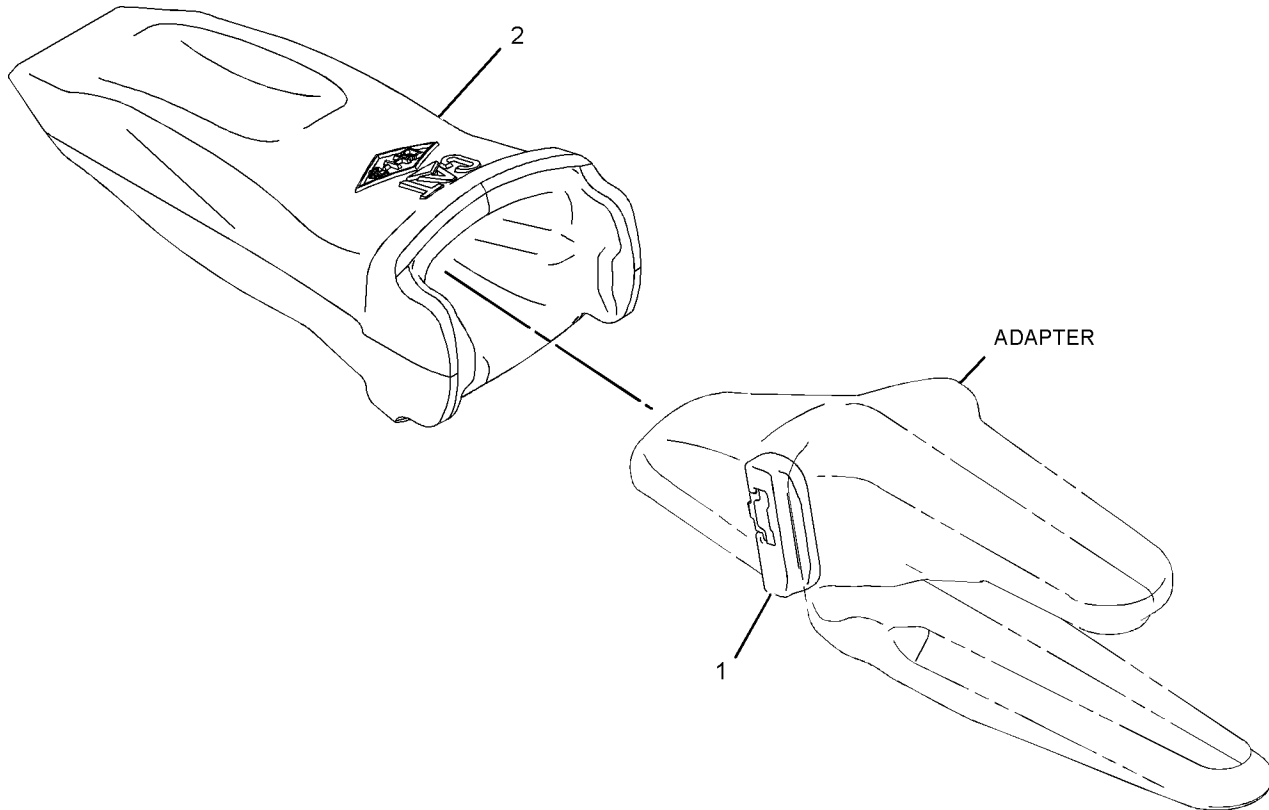
K-90

AN ATTACHMENT

SMCS-6805

i02449348

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	220-9090	1	RETAINER-G.E.T. (K-90)						
	2	1	220-9091	1	TIP-EXTRA DUTY (K-90)						



GRAPHIC #1

<END>

g01074500

WORK TOOLS

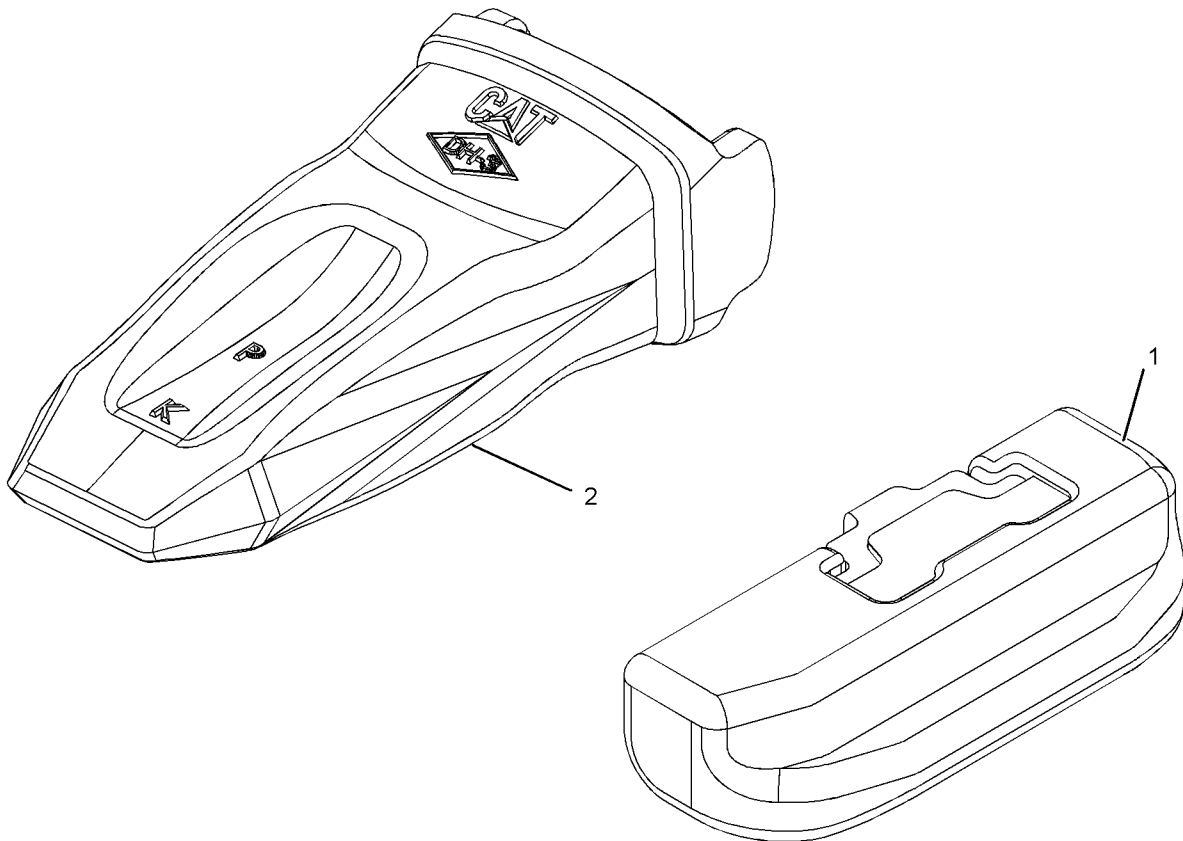
229-6973 TIP GP-EXTRA DUTY-K-100

S/N: A6F1-UP; A8F1-UP
AN ATTACHMENT

SMCS-6805

i02568427

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	220-9090	1	RETAINER-G.E.T. (K-90)						
	2	1	220-9101	1	TIP-EXTRA DUTY (K-100)						



GRAPHIC #1

<END>

g01143666

WORK TOOLS

217-4896 TIP GP-GENERAL PURPOSE

S/N: A6F1-UP; A8F1-UP

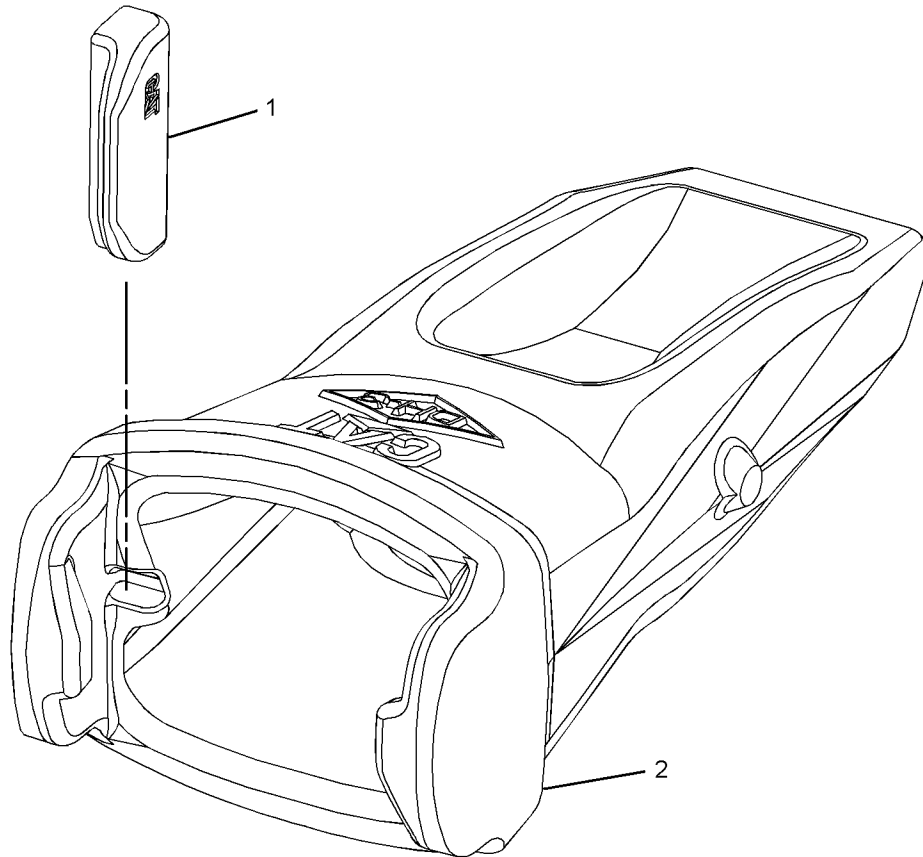
K-90

AN ATTACHMENT

SMCS-6805

i02539849

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	220-9090	1	RETAINER-G.E.T. (K-90)						
	2	1	220-9099	1	TIP-GENERAL PURPOSE (K-90)						



GRAPHIC #1

<END>

g01279515

WORK TOOLS

229-6978 TIP GP-GENERAL PURPOSE-K-100

S/N: A6F1-UP; A8F1-UP

AN ATTACHMENT

SMCS-6805

i02524111

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	220-9090	1	RETAINER-G.E.T. (K-90)						
	220-9109	1	TIP GP-GENERAL PURPOSE (K-100)						
<END>									

WORK TOOLS

217-4892 TIP GP-PENETRATION

S/N: A6F1-UP; A8F1-UP

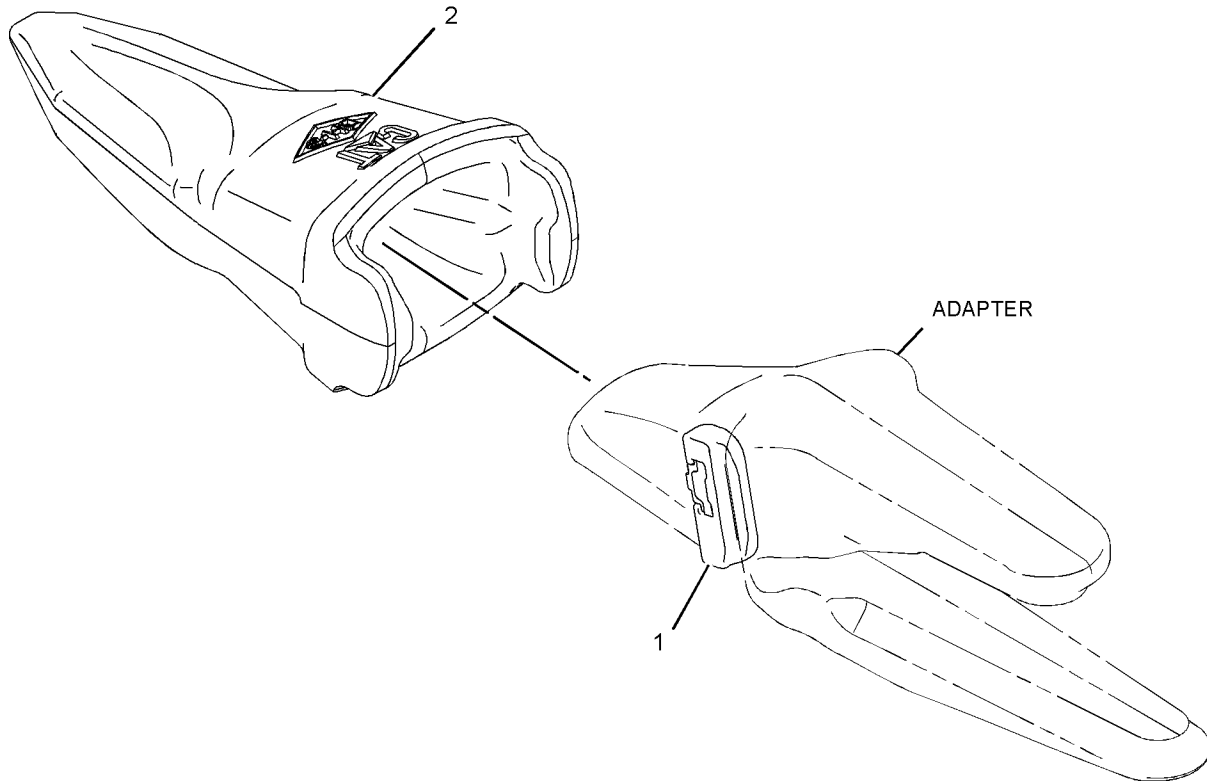
K-90

AN ATTACHMENT

SMCS-6805

i02100100

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	220-9090	1	RETAINER-G.E.T. (K-90)						
	2	1	220-9092	1	TIP-PENETRATION (K-90) (K-90)						



GRAPHIC #1

<END>

g01074482

WORK TOOLS

229-6974 TIP GP-PENETRATION-K-100

S/N: A6F1-UP; A8F1-UP

AN ATTACHMENT

SMCS-6805

i02524342

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	220-9090	1	RETAINER-G.E.T. (K-90)						
	220-9102	1	TIP-PENETRATION (K-100)						
<END>									

WORK TOOLS

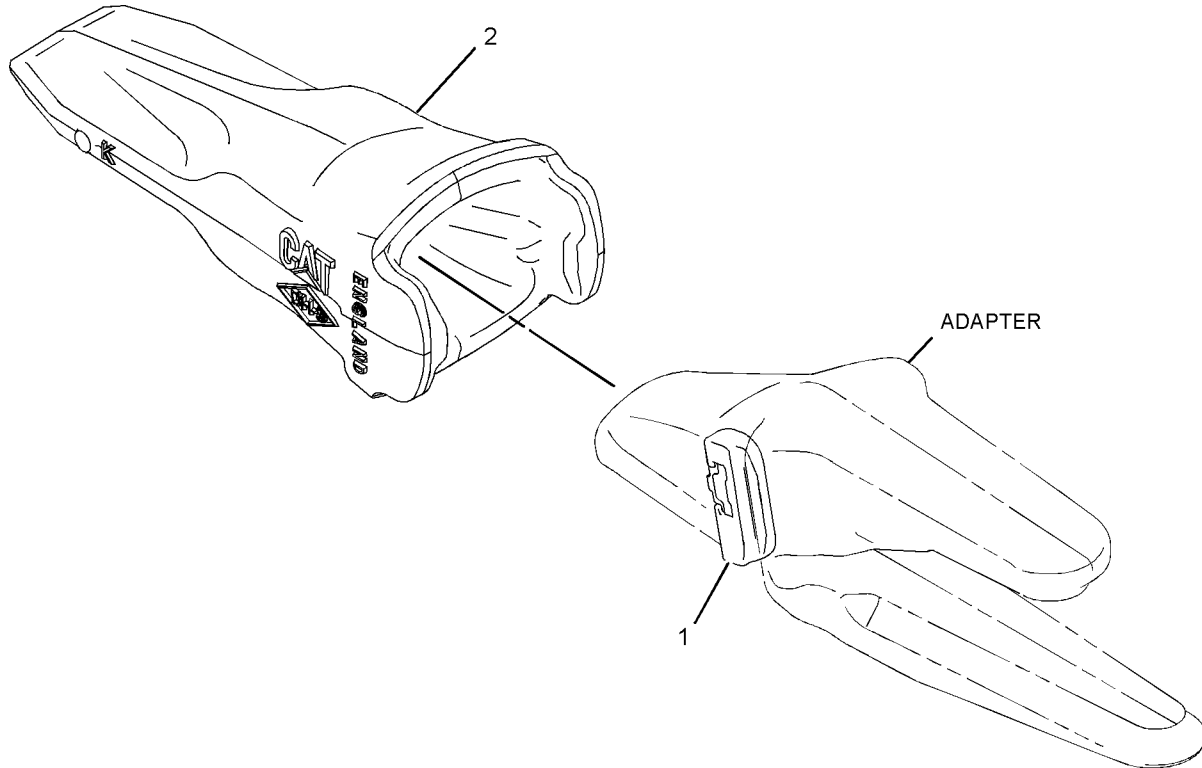
217-4893 TIP GP-PENETRATION PLUS-K-90

S/N: A6F1-UP; A8F1-UP
AN ATTACHMENT

SMCS-6805

i02100261

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	220-9090	1	RETAINER-G.E.T. (K-90)						
	2	1	220-9093	1	TIP-PENETRATION PLUS (K-90) (K-90)						



GRAPHIC #1

<END>

g01074401

WORK TOOLS

229-6975 TIP GP-PENETRATION PLUS-K-100

S/N: A6F1-UP; A8F1-UP
AN ATTACHMENT

SMCS-6805

i02524319

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	220-9090	1	RETAINER-G.E.T. (K-90)						
	220-9103	1	TIP GP-PENETRATION PLUS (K-100)						
<END>									

WORK TOOLS

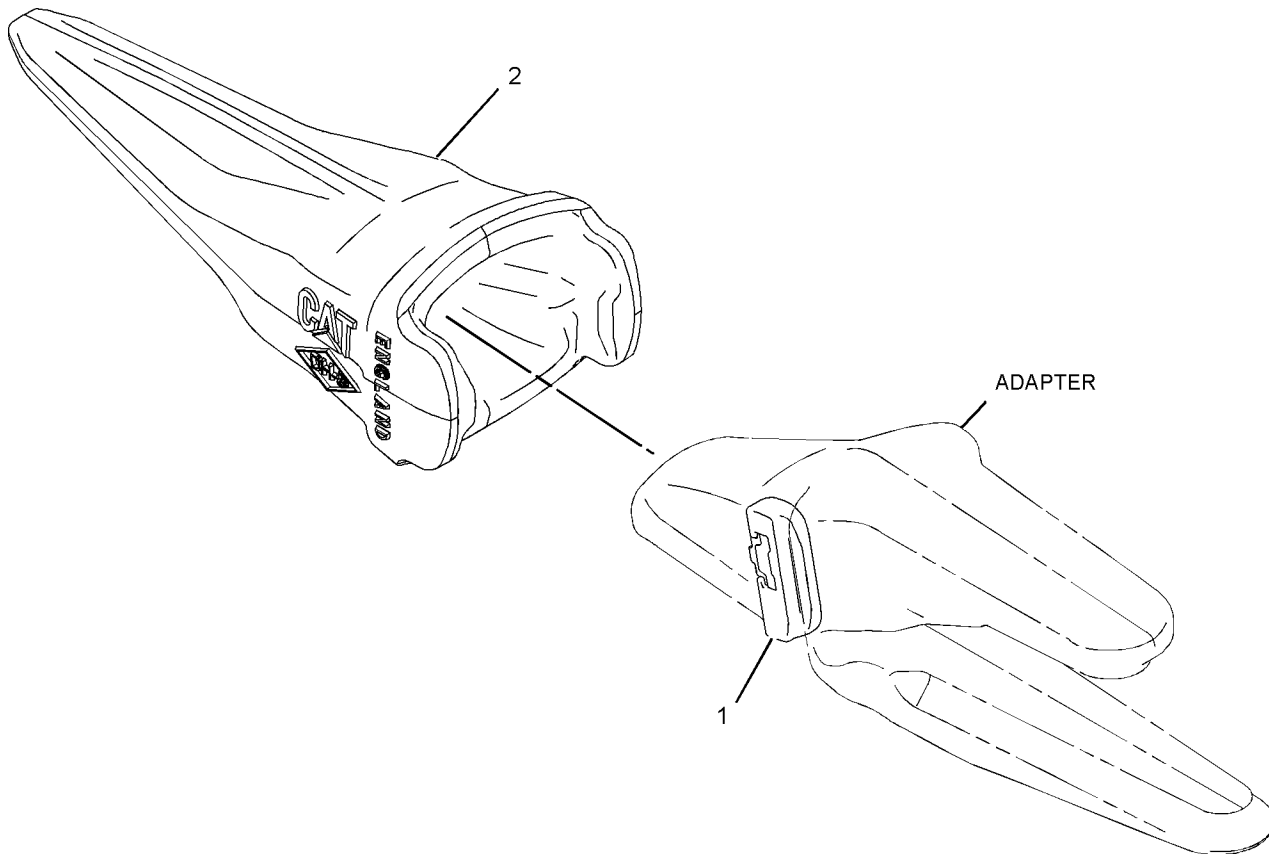
217-4894 TIP GP-SHARP-K-90

S/N: A6F1-UP; A8F1-UP
AN ATTACHMENT

SMCS-6805

i02100393

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	220-9090	1	RETAINER-G.E.T. (K-90)						
	2	1	220-9097	1	TIP-BUCKET (SPIKE) (K-90)						



GRAPHIC #1

<END>

g01074300

WORK TOOLS

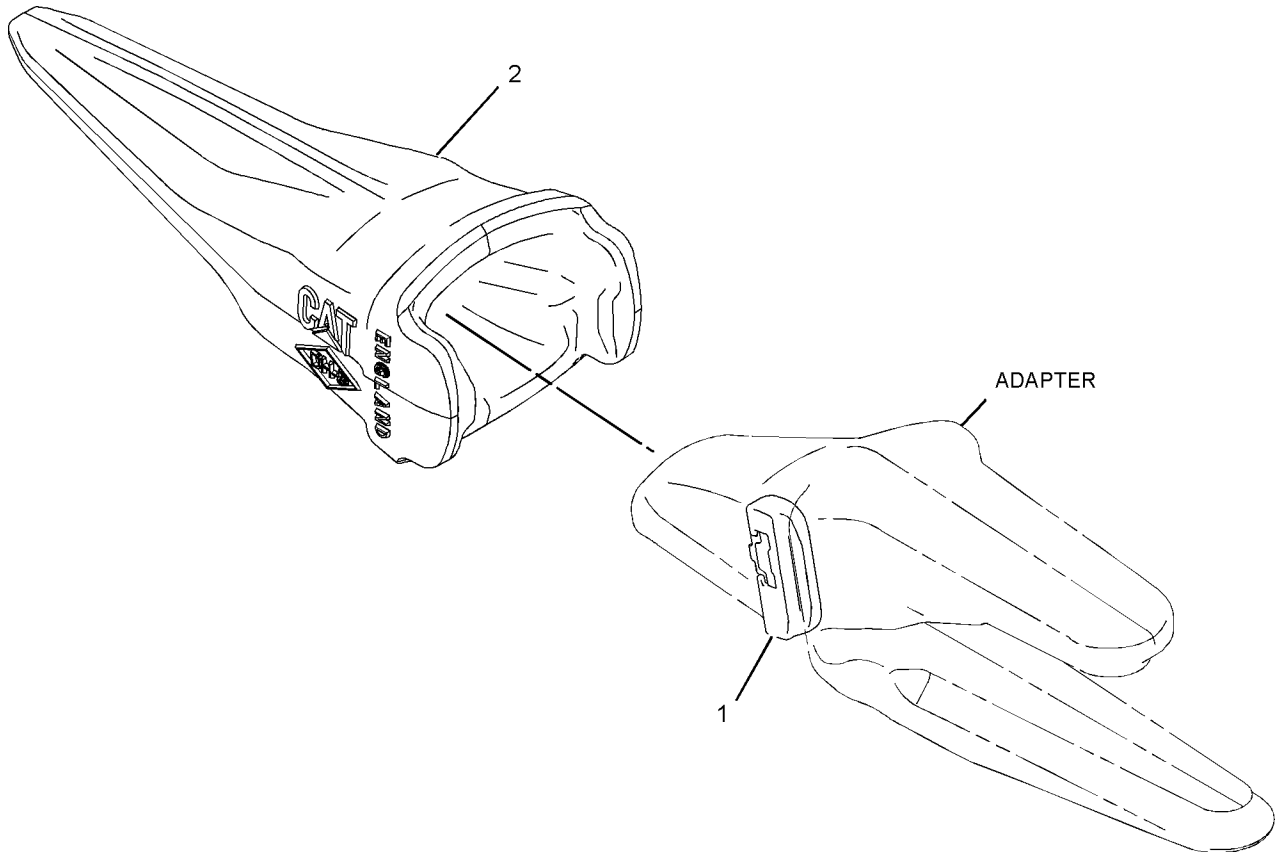
229 - 6976 TIP GP - SHARP-K-100

S/N: A6F1-UP; A8F1-UP
AN ATTACHMENT

SMCS - 6805

i02568430

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	220-9090	1	RETAINER-G.E.T. (K-90)						
	2	1	220-9107	1	TIP-SPIKE						



GRAPHIC #1

<END>

g01074300

WORK TOOLS

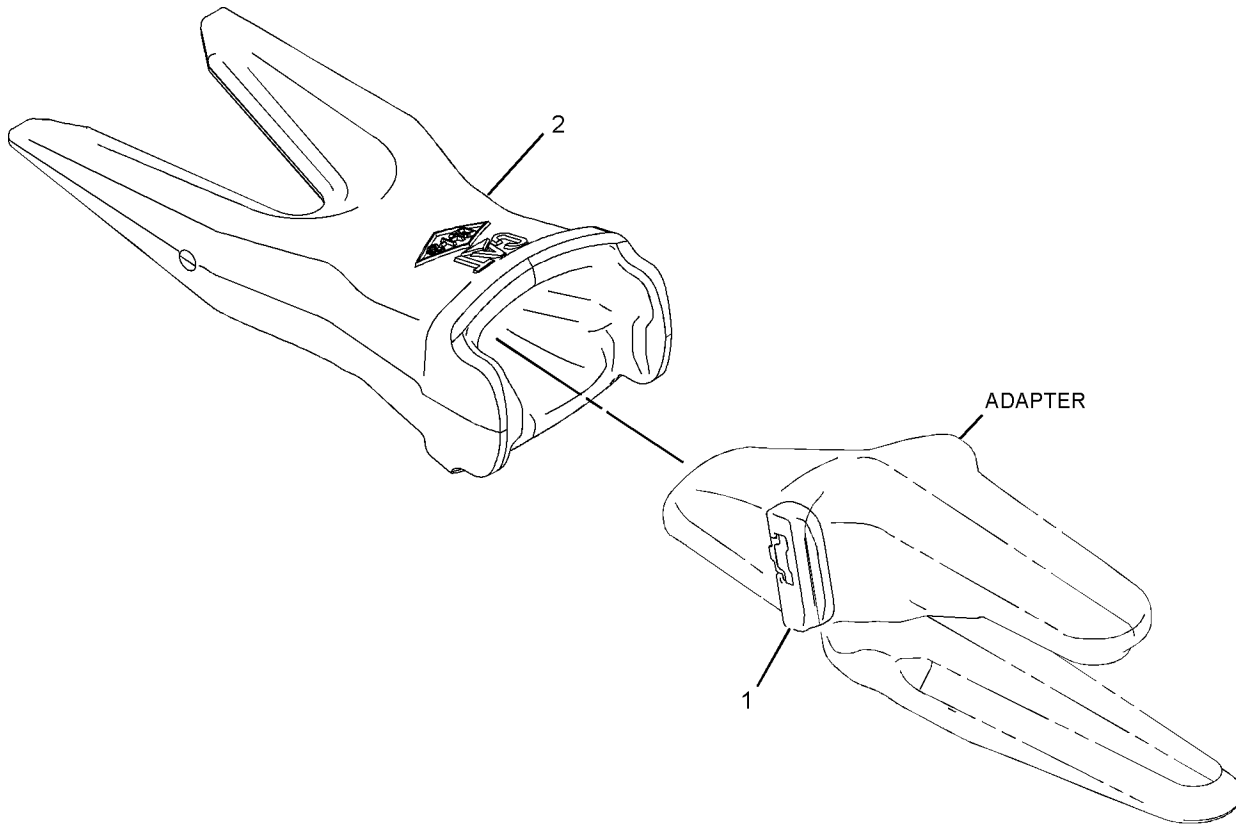
217-4895 TIP GP-TWIN SHARP-K-90

S/N: A6F1-UP; A8F1-UP
AN ATTACHMENT

SMCS-6805

i02100369

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	220-9090	1	RETAINER-G.E.T. (K-90)						
	2	1	220-9098	1	TIP-BUCKET (TWIN SPIKE) (K-90)						



GRAPHIC #1

<END>

g01074222

WORK TOOLS

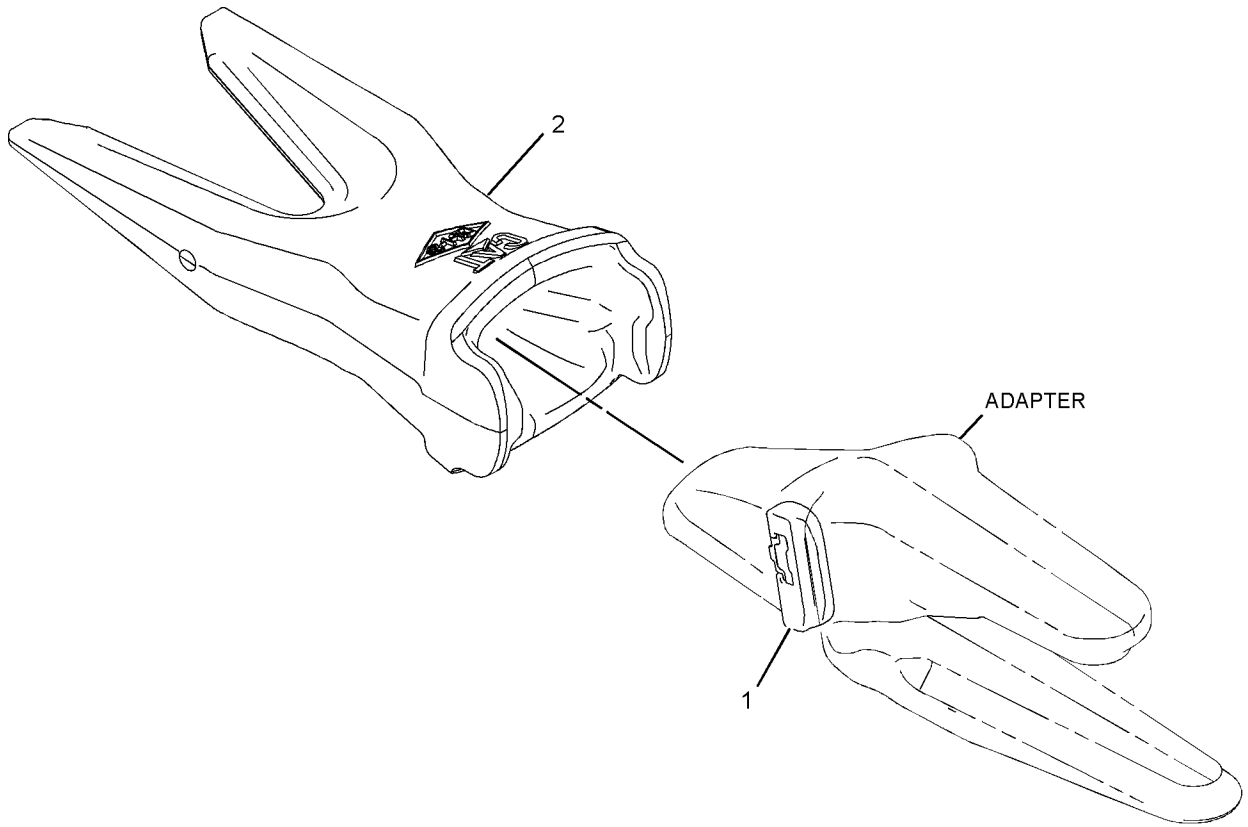
229-6977 TIP GP - TWIN SHARP-K-100

S/N: A6F1-UP; A8F1-UP
AN ATTACHMENT

SMCS-6805

i02568431

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	220-9090	1	RETAINER-G.E.T. (K-90)						
	2	1	220-9108	1	TIP-DOUBLE SPIKE						



GRAPHIC #1

<END>

g01074222

OPERATOR STATION

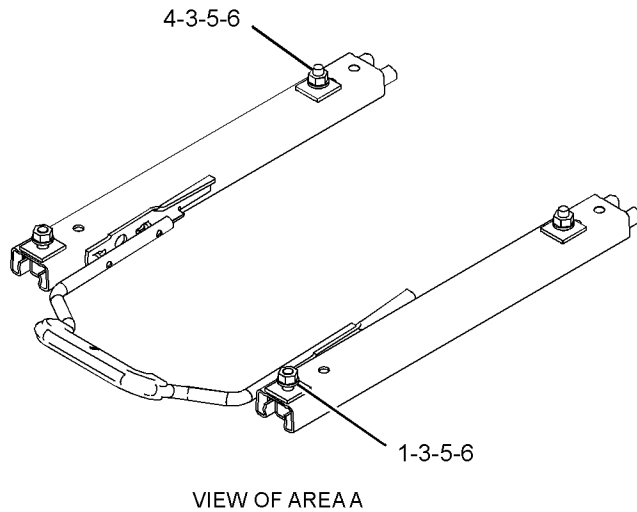
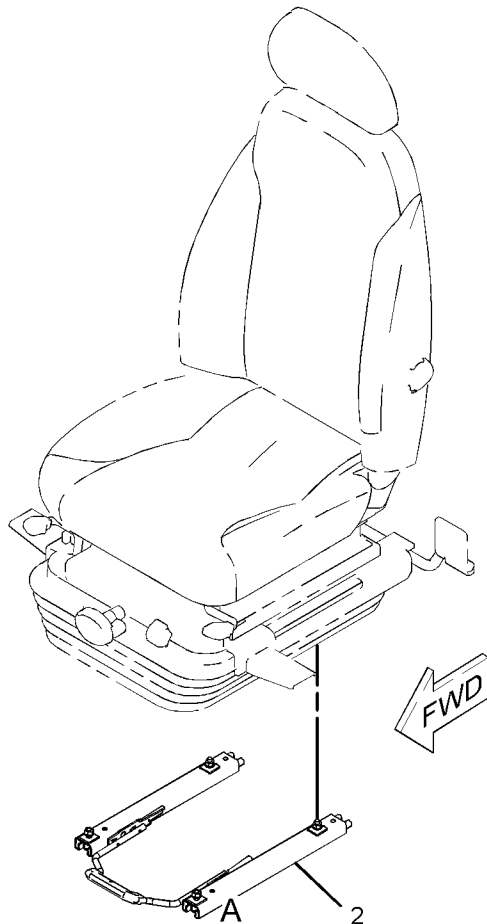
245-7896 ADJUSTER GP-SEAT

S/N: A6F1-UP; A8F1-UP
PART OF 229-9077 SUSPENSION GP-SEAT
AN ATTACHMENT

SMCS-7321

i02502956

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	198-3899	2	SCREW-BUTTON HEAD (M8X1.25X20-MM)						
	2	1	245-7886	2	PLATE						
	3	1	245-7897	4	PLATE						
M	4	1	245-7898	2	SCREW-BUTTON HEAD (M8X1.25X25-MM)						
M	5	1	5C-7261	4	NUT (M8X1.25-THD)						
	6	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)						
M-METRIC PART											



GRAPHIC #1

<END>

g01172620

OPERATOR STATION

235 - 9004 AIR CONDITIONER & MOUNTING GP

S/N: A6F1-UP; A8F1-UP
PART OF 235-9003 AIR CONDITIONER AR
AN ATTACHMENT

SMCS - 7320

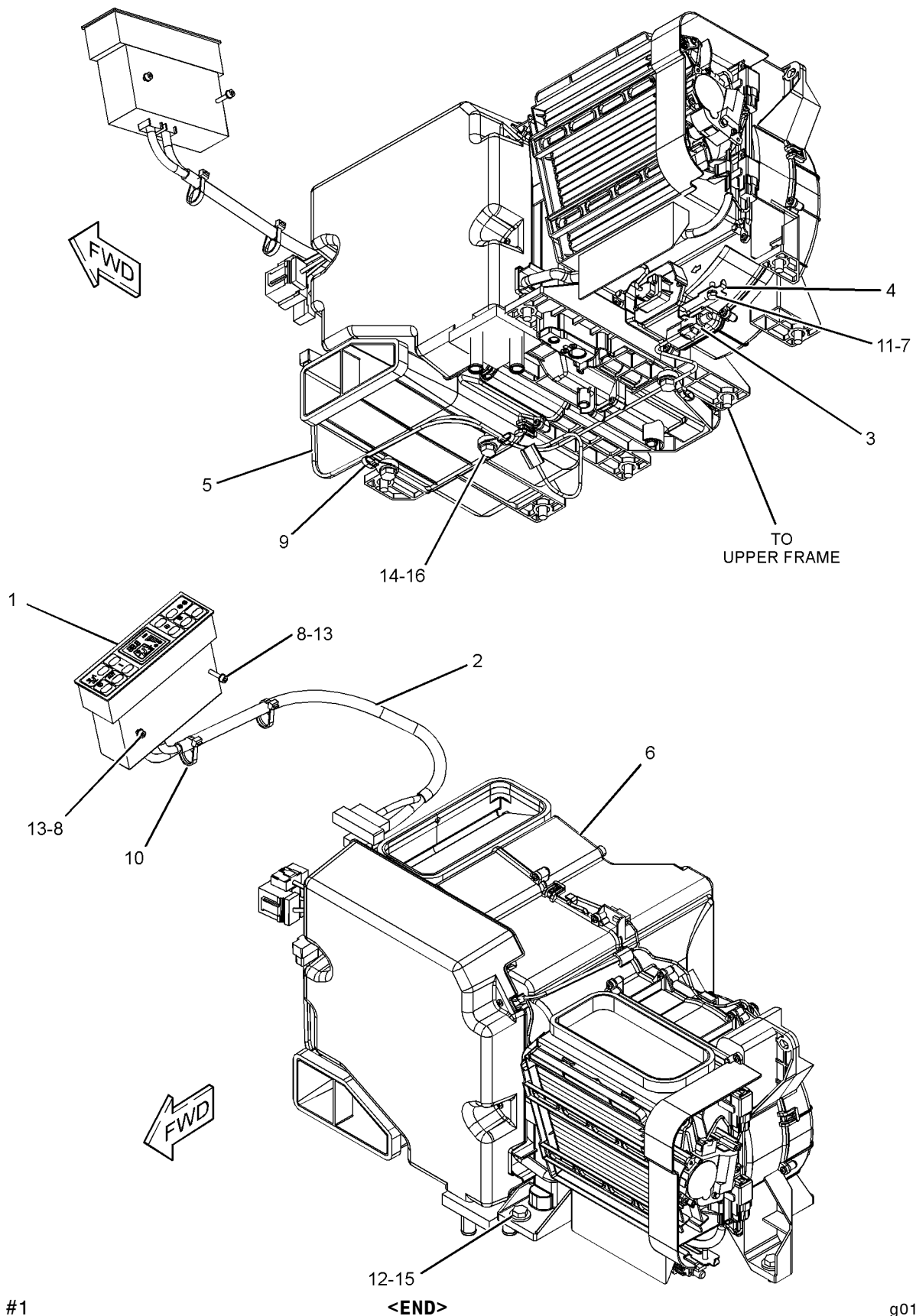
i02794130

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	293-1136	1	PANEL AS-CONTROL						
	2	1	235-8873	1	HARNESS AS-HEATER & AIR COND (CONTROL PANEL SWITCHES)						
	3	1	235-8874	1	SENSOR-TEMPERATURE (AMBIENT AIR)						
	4	1	235-8875	1	BRACKET						
	5	1	235-9005	1	HARNESS AS-HEATER & AIR COND (AIR CONDITIONER, LOW SIDE)						
Y	6	1	240-5036	1	AIR CONDITIONER GP						636
	7	1	9X-8256	1	WASHER (6.6X12X2-MM THK)						
M	8	1	099-2374	2	BOLT-SOCKET HEAD (M5X0.8X12-MM)						
	9	1	111-4836	3	CLIP						
	10	1	3S-2093	2	STRAP-CABLE						
M	11	1	5C-9553	1	BOLT (M6X1X16-MM)						
	12	1	7X-7729	7	WASHER (11X25X3-MM THK)						
	13	1	8T-0328	2	WASHER-HARD (5.5X10X1-MM THK)						
	14	1	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)						
M	15	1	8T-4136	7	BOLT (M10X1.5X25-MM)						
M	16	1	8T-4137	3	BOLT (M10X1.5X20-MM)						
M-METRIC PART											
Y-SEPARATE ILLUSTRATION											

OPERATOR STATION

235-9004 AIR CONDITIONER & MOUNTING GP (contd.)

i02794130



g01397723

OPERATOR STATION

235-9003 AIR CONDITIONER AR

S/N: A6F1-UP; A8F1-UP

AN ATTACHMENT

SMCS-7320

i02794108

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	235-9004	1	AIR CONDITIONER & MOUNTING GP						633
Y	229-9082	1	DUCT GP-CAB AIR						681
Y-SEPARATE ILLUSTRATION									
<END>									

OPERATOR STATION

240-5036 AIR CONDITIONER GP

S/N: A6F1-UP; A8F1-UP

PART OF 235-9004 AIR CONDITIONER & MOUNTING GP
AN ATTACHMENT

SMCS-7320

i02794145

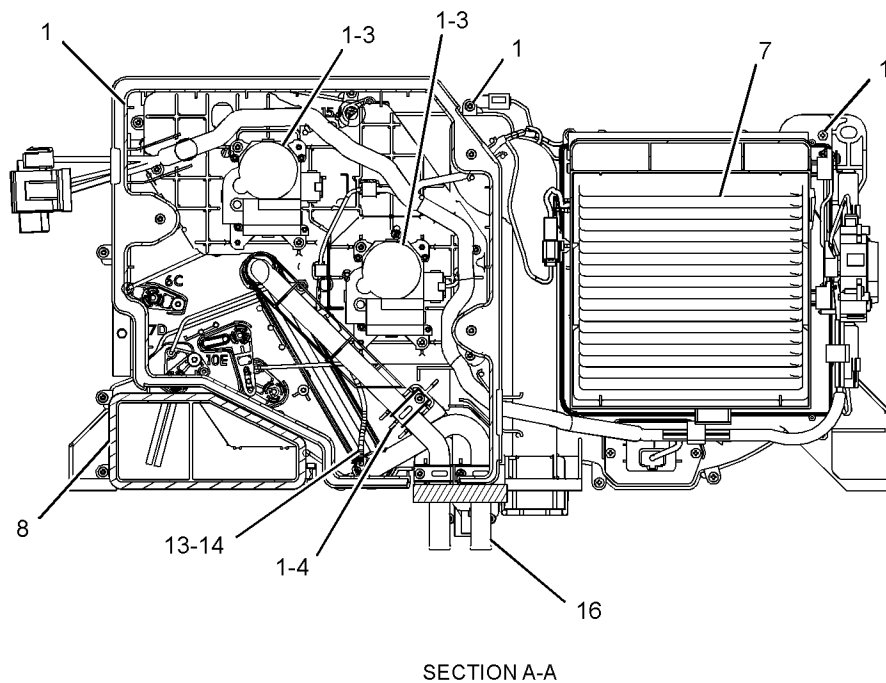
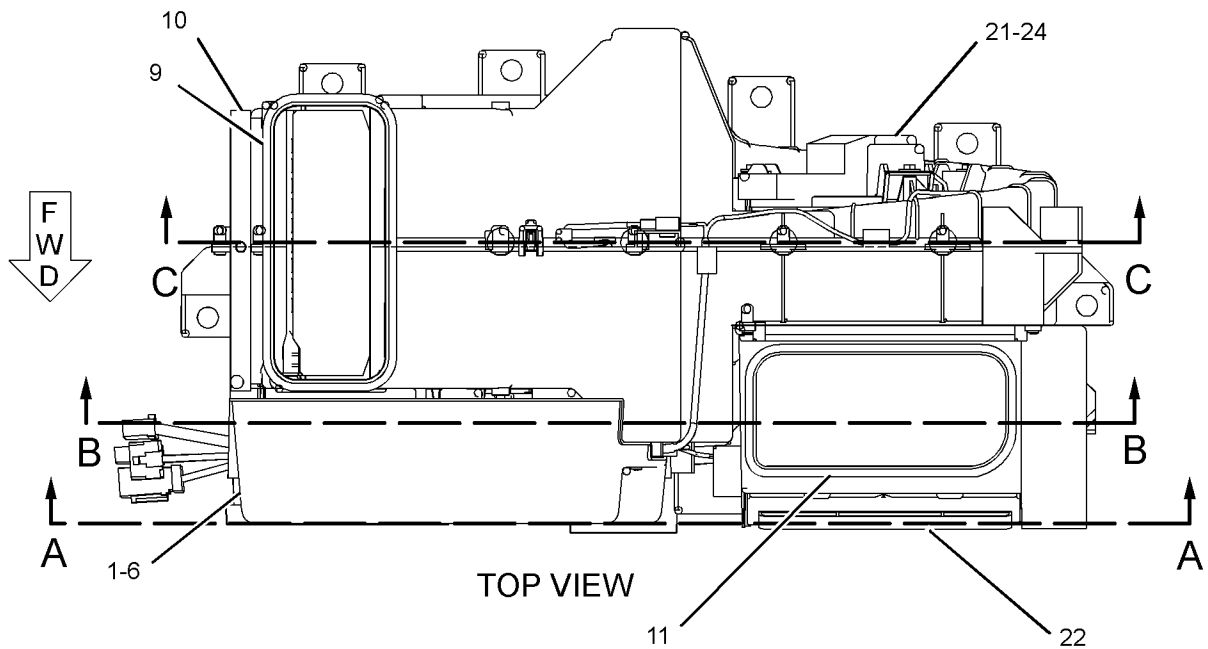
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1, 2	185-8300	35	SCREW-TAPPING						
	2	2	185-8302	3	SCREW AS-TAPPING						
	3	1	245-7817	2	MOTOR AS						
	4	1	245-7818	3	CLIP						
	5	2	245-7819	2	CLIP						
	6	1	245-7820	1	COVER-FRONT						
	7	1	293-1137	1	FILTER AS-AIR (AIR CONDITIONER)						
		1	245-7823	1	FILTER (AIR CONDITIONER)						
		1	245-7824	1	PACKING						
	8	1	245-7825	1	INSULATOR						
	9	1	245-7826	1	INSULATOR						
	10	1	245-7827	1	INSULATOR						
	11	1	245-7828	1	INSULATOR						
	12	2	245-7829	1	PACKING						
	13	1	245-7830	1	CLIP						
	14	1	245-7831	1	SENSOR AS-TEMPERATURE (COOLANT)						
	15	2	245-7832	1	CONTROL AS						
	16	1	245-7833	1	CORE AS-HEATER						
	17	2	245-7834	1	DAMPER AS						
	18	2	245-7835	1	SENSOR AS (AMBIENT AIR TEMP)						
Y	19	2	245-7836	1	CONDENSER GP-REFRIGERANT						657
	20	2	245-7838	1	PACKING						
	21	1	245-7839	1	MOTOR AS (WITH HEATER)						
Y	22	1	245-7846	1	CONTROL GP-HEAT & AIR COND (AIR INLET)						669
	23	2	245-7847	1	HARNESS AS-HEATER & AIR COND						
	24	1	245-7856	3	SCREW AS-TAPPING						

Y-SEPARATE ILLUSTRATION

OPERATOR STATION

240-5036 AIR CONDITIONER GP (contd.)

i02794145



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

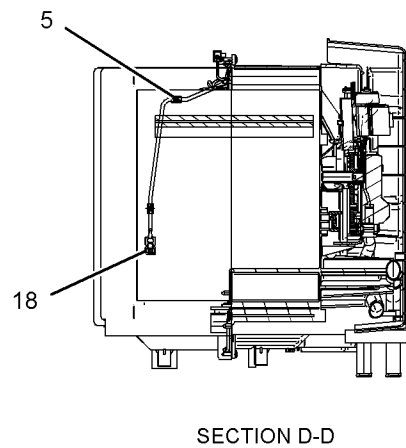
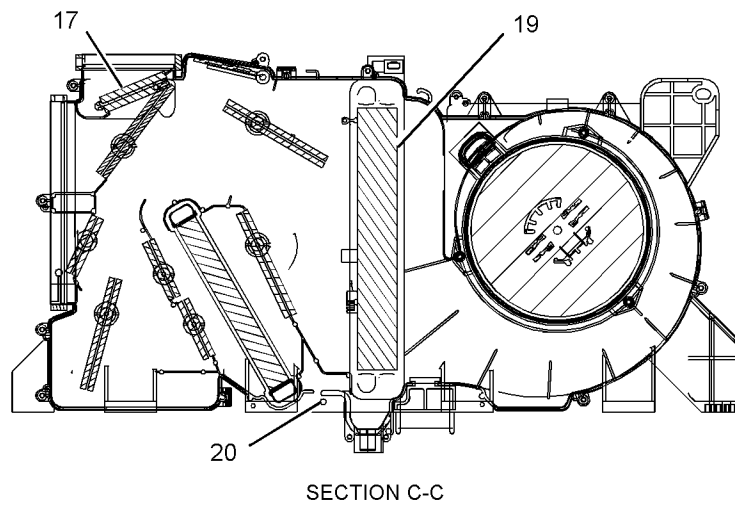
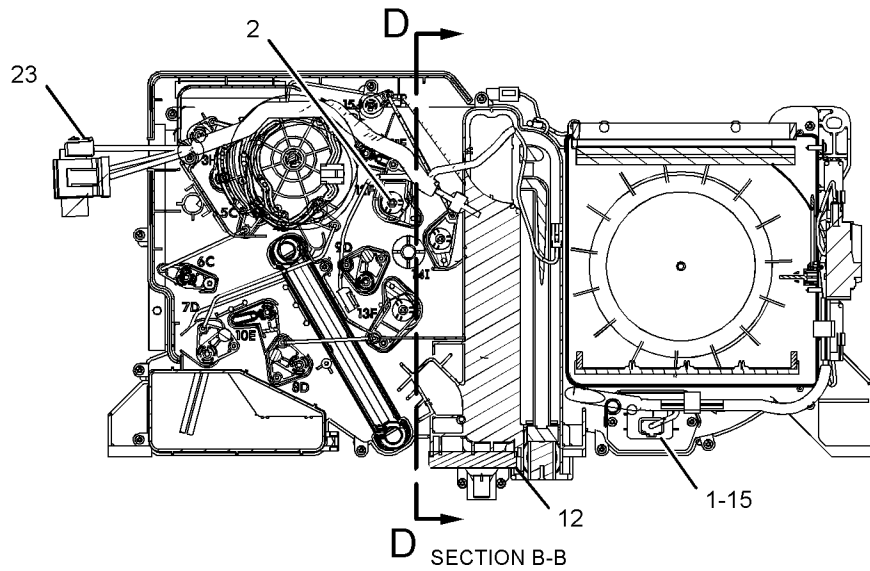
GRAPHIC #1

g01308513

OPERATOR STATION

240-5036 AIR CONDITIONER GP (contd.)

i02794145



GRAPHIC #2

<END>

g01308515

OPERATOR STATION

259-7346 ARMREST GP-RH

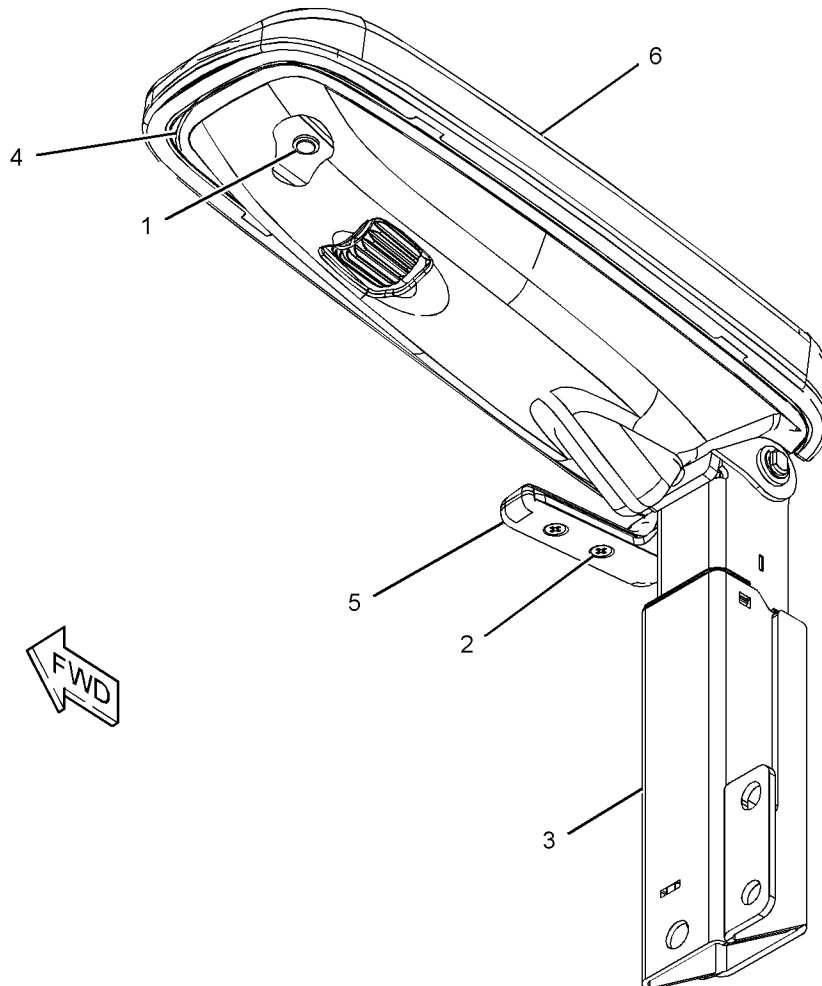
S/N: A6F1-UP; A8F1-UP

PART OF 259-7348 CONSOLE GP-OPERATOR

SMCS-7307

i02604398

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	171-7325	3	SCREW-TAPPING						
	2	1	185-8286	2	SCREW-MACHINE (M4X0.7X8-MM)						
	3	1	235-8951	1	SUPPORT AS						
	4	1	235-8996	1	COVER						
	5	1	235-8997	1	KNOB						
	6	1	279-3161	1	CUSHION						



GRAPHIC #1

<END>

g01217218

OPERATOR STATION

259-7347 ARMREST GP-LH

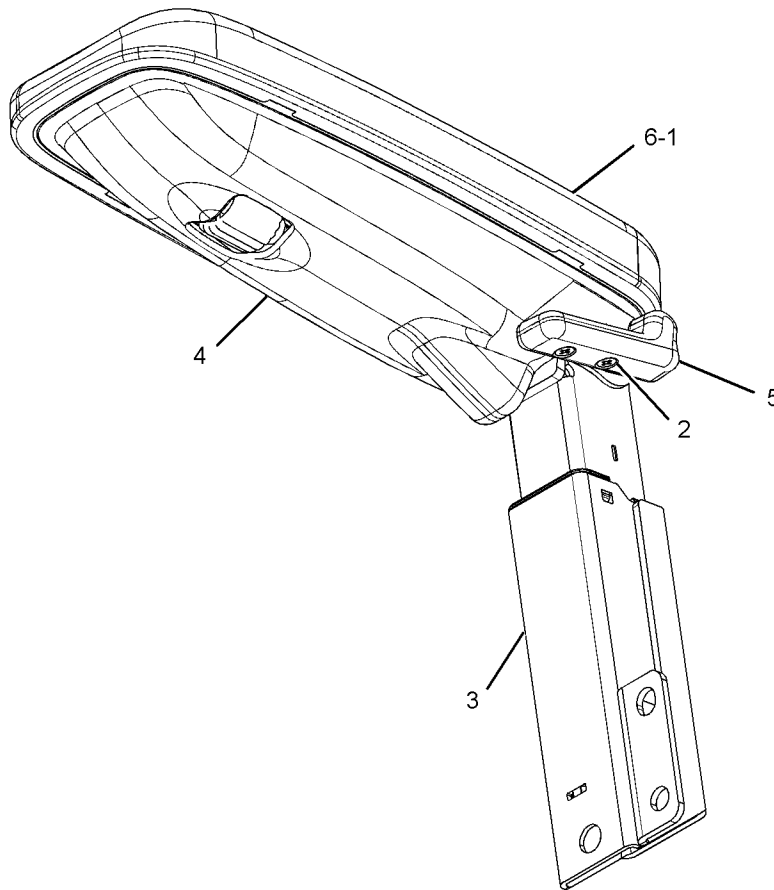
S/N: A6F1-UP; A8F1-UP

PART OF 259-7349 CONSOLE GP-OPERATOR

SMCS-7307

i02604406

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	171-7325	3	SCREW-TAPPING	
	2	1	185-8286	2	SCREW-MACHINE (M4X0.7X8-MM)	
	3	1	235-8952	1	SUPPORT AS	
	4	1	235-8996	1	COVER	
	5	1	235-8998	1	KNOB	
	6	1	259-7345	1	CUSHION	



GRAPHIC #1

<END>

g01210886

OPERATOR STATION

229 - 9099 CAB GP

S/N: A6F1-UP; A8F1-UP

PART OF 296-5189 CAB GP
AN ATTACHMENT

SMCS-7301, 7325

i02500946

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	235-8910	1	CAB GP (EXTERIOR)						644
Y	235-8908	1	CAB GP (INTERIOR)						642
Y	139-7100	1	DOOR GP-CAB						679
Y	139-7099	1	HATCH GP-ROOF						690
Y	235-8909	1	WINDOW GP-CAB						717
Y	139-7101	1	WINDOW GP-FRONT						720
Y	176-1958	1	WINDOW GP-FRONT (LOWER)						723
Y	234-6594	1	WIPER GP-WINDOW (UPPER)						725

Y-SEPARATE ILLUSTRATION

<END>

OPERATOR STATION

235-8908 CAB GP-INTERIOR

S/N: A6F1-UP; A8F1-UP
PART OF 229-9099 CAB GP
AN ATTACHMENT

SMCS-7301, 7325

i02501127

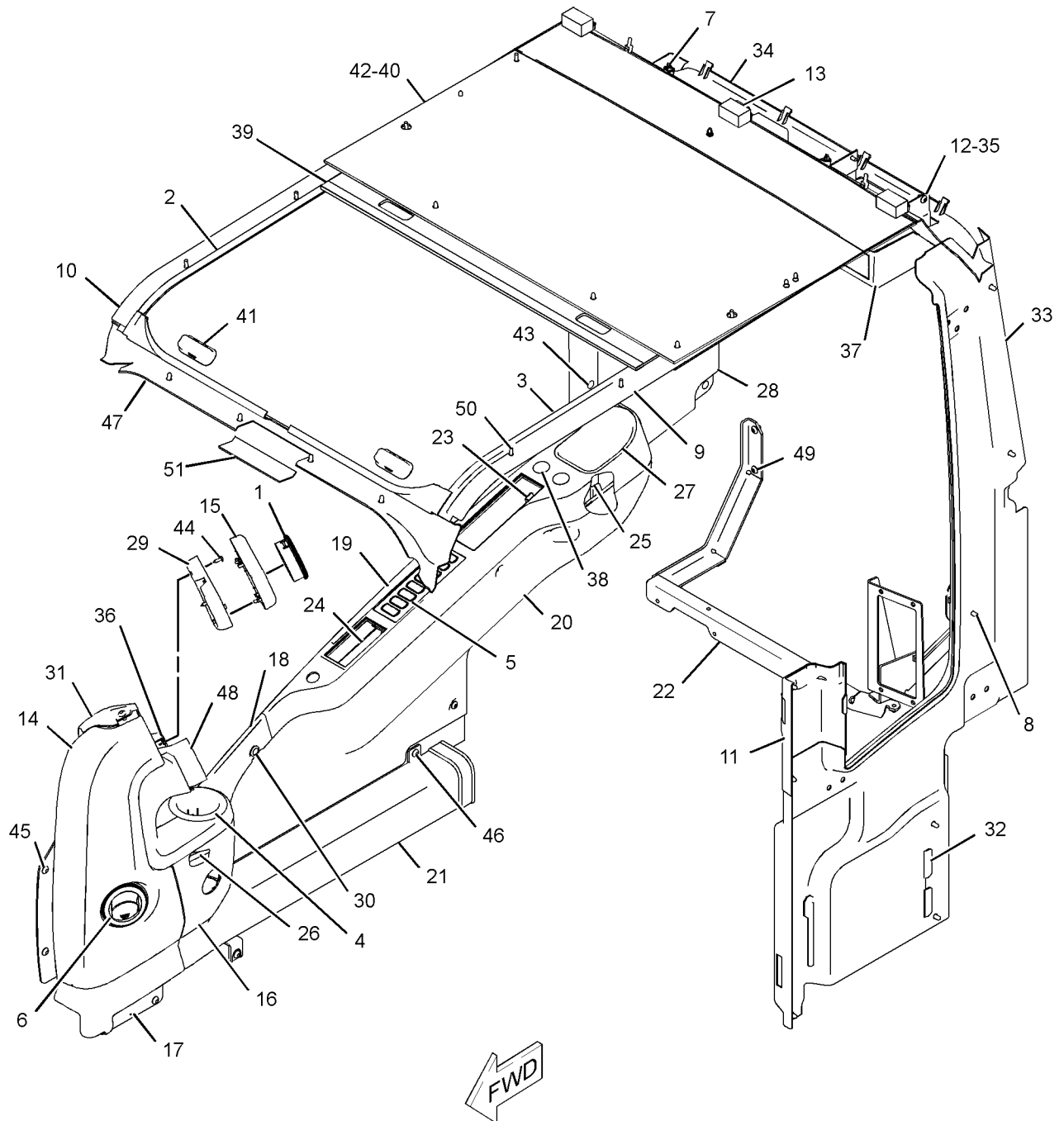
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8Y-6352	1	LOUVER AS						
	2	1	156-6656	1	RAIL						
	3	1	156-6657	1	RAIL						
	4	1	164-0646	1	CUP						
	5	1	164-0655	1	PANEL-SWITCH (OPERATOR CONSOLE)						
	6	1	164-8474	2	LOUVER AS-VENT						
	7	1	170-9724	5	CLIP						
	8	1	171-7420	6	CLIP						
	9	1	176-1946	1	PLATE						
	10	1	176-1947	1	PLATE						
	11	1	176-1972	1	COVER						
	12	1	185-8214	1	BRACKET AS						
	13	1	189-2678	3	SPACER						
	14	1	234-6468	1	COVER AS						
	15	1	234-6470	1	COVER-MONITOR						
	16	1	234-6471	1	COVER-DUCT						
	17	1	234-6472	1	COVER						
	18	1	234-6473	1	COVER-FRONT (UPPER, RH)						
	19	1	234-6474	1	COVER (UPPER, RH)						
	20	1	234-6475	1	COVER (LOWER, RH)						
	21	1	234-6476	1	DUCT						
	22	1	234-6477	1	BRACKET AS						
	23	1	234-6478	1	BRACKET AS						
	24	1	234-6480	1	BRACKET AS						
	25	1	234-6483	1	BRACKET AS						
	26	1	234-6485	1	BRACKET AS						
	27	1	234-6490	1	CUP						
	28	1	156-6573	1	COVER						
	29	1	234-6497	1	COVER						
	30	1	234-6498	3	RIVET						
	31	1	234-6521	1	COVER (RH)						
	32	1	234-6547	1	COVER						
	33	1	234-6548	1	COVER						
	34	1	156-6575	1	COVER						
	35	1	234-6550	1	COVER						
	36	1	234-6579	2	NUT-SPEED						
	37	1	235-8922	1	COVER						
	38	1	235-8923	2	CAP						
	39	1	284-3682	1	VISOR						
	40	1	235-8928	1	LINER						
	41	1	235-8929	2	HANDLE						
	42	1	185-8205	5	CLIP						
	43	1	235-8950	12	CLIP						
	44	1	245-7790	2	SCREW-TAPPING						
M	45	1	128-2135	13	SCREW-TRUSS HEAD (M6X1X13-MM)						
M	46	1	128-2136	1	SCREW-TRUSS HEAD (M6X1X16-MM)						
	47	1	189-2855	1	COVER						
	48	1	234-6469	1	COVER (LH)						
M	49	1	9X-2042	23	SCREW-TRUSS HEAD (M6X1X12-MM)						
M	50	1	9X-2044	8	SCREW-TRUSS HEAD (M6X1X16-MM)						
	51	1	231-2294	1	BRACKET						

M-METRIC PART

OPERATOR STATION

235 - 8908 CAB GP (contd.)

i02501127



GRAPHIC #1

<END>

g01241062

OPERATOR STATION

235-8910 CAB GP-EXTERIOR

S/N: A6F1-UP; A8F1-UP

PART OF 229-9099 CAB GP

AN ATTACHMENT

SMCS-7301, 7325

i02501163

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	139-7126	1	HOLDER						
	2	2	139-7127	1	HOLDER						
	3	1	156-6599	1	STRIKER						
	4	2	161-3685	1	ROD						
	5	1	235-8933	1	HANDLE AS						
	6	1	161-3697	1	GUARD						
	7	2	164-0523	1	LEVER AS						
	8	2	164-0527	1	ROD						
	9	2	164-0528	1	LEVER GP-AIR & TEMP CONTROL						
		2	164-0664	1	BRACKET						
		2	176-1941	1	PIN						
		2	185-8280	1	WASHER-WAVE (10.5X15X0.3-MM THK)						
		2	185-8281	1	SPRING						
	10	1	167-7018	1	COVER AS						
	11	2	167-7042	2	SEAL						
	12	2	171-7426	1	CABLE AS						
	13	2	176-1939	1	LEVER AS						
	14	2	176-1942	1	COVER						
	15	1	178-5570	2	GROMMET						
	16	2	185-8196	1	GROMMET						
	17	2	189-2704	1	SEAL						
M	18	1,2	189-3396	5	NUT (M10X1.15-THD)						
	19	2	189-3409	3	WASHER						
	20	2	201-4530	1	BRACKET AS						
	21	2	205-6295	1	LATCH AS						
	22	1	210-5808	1	SEAL						
	23	1	235-8912	1	HANDLE AS						
M	24	1	099-0823	3	SCREW-MACHINE (M6X1X6-MM)						
M	25	1	127-0580	2	SCREW-FLAT HEAD (M8X1.25X20-MM)						
	26	2	133-8016	1	PACKING						
	27	1	156-6617	1	MIRROR						
C	28	1	259-7295	1	BRACKET GP-MIRROR						
	29	2	176-1986	1	LAMP GP						
		2	201-4417	1	LAMP (24-VOLT, 10-WATT)						
	30	1	1R-5998	2	LOCKWASHER						
M	32	2	3E-8020	6	SCREW-TRUSS HEAD (M6X1X25-MM)						
M	33	2	3E-9874	2	SCREW-OVAL HEAD						
	34	1	4I-1205	2	BUMPER						
	35	2	4I-1206	2	GUIDE						
	36	2	4I-3063	1	SPRING						
M	37	1	4I-3123	2	BOLT (M10X1.5X20-MM)						
	38	1	4I-3144	2	WASHER-HARD (10.2X22X3.2-MM THK)						
	39	2	4I-4270	1	HOLDER-GLASS						
	40	2	4I-4392	3	CLIP						
	41	2	5C-7793	1	HOOK-COAT						
	42	2	6V-7636	4	PIN AS-SPRING						
	43	1	7X-0578	2	WASHER-HARD (10.2X32X2.5-MM THK)						
CM	44	1	8T-4779	1	BOLT (M16X2X35-MM)						
M	45	2	9X-2041	1	SCREW-TRUSS HEAD (M10X1.5X20-MM)						
M	46	2	9X-2042	5	SCREW-TRUSS HEAD (M6X1X12-MM)						
M	47	2	9X-2044	5	SCREW-TRUSS HEAD (M6X1X16-MM)						
M	48	2	9X-2045	2	SCREW-TRUSS HEAD (M6X1X20-MM)						
	49	1	9X-8257	1	WASHER (17.5X30X3.5-MM THK)						
BE	50	2	6I-5470		SEAL						
	51	1	085-6452	2	WASHER						

OPERATOR STATION

235-8910 CAB GP (contd.)

i02501163

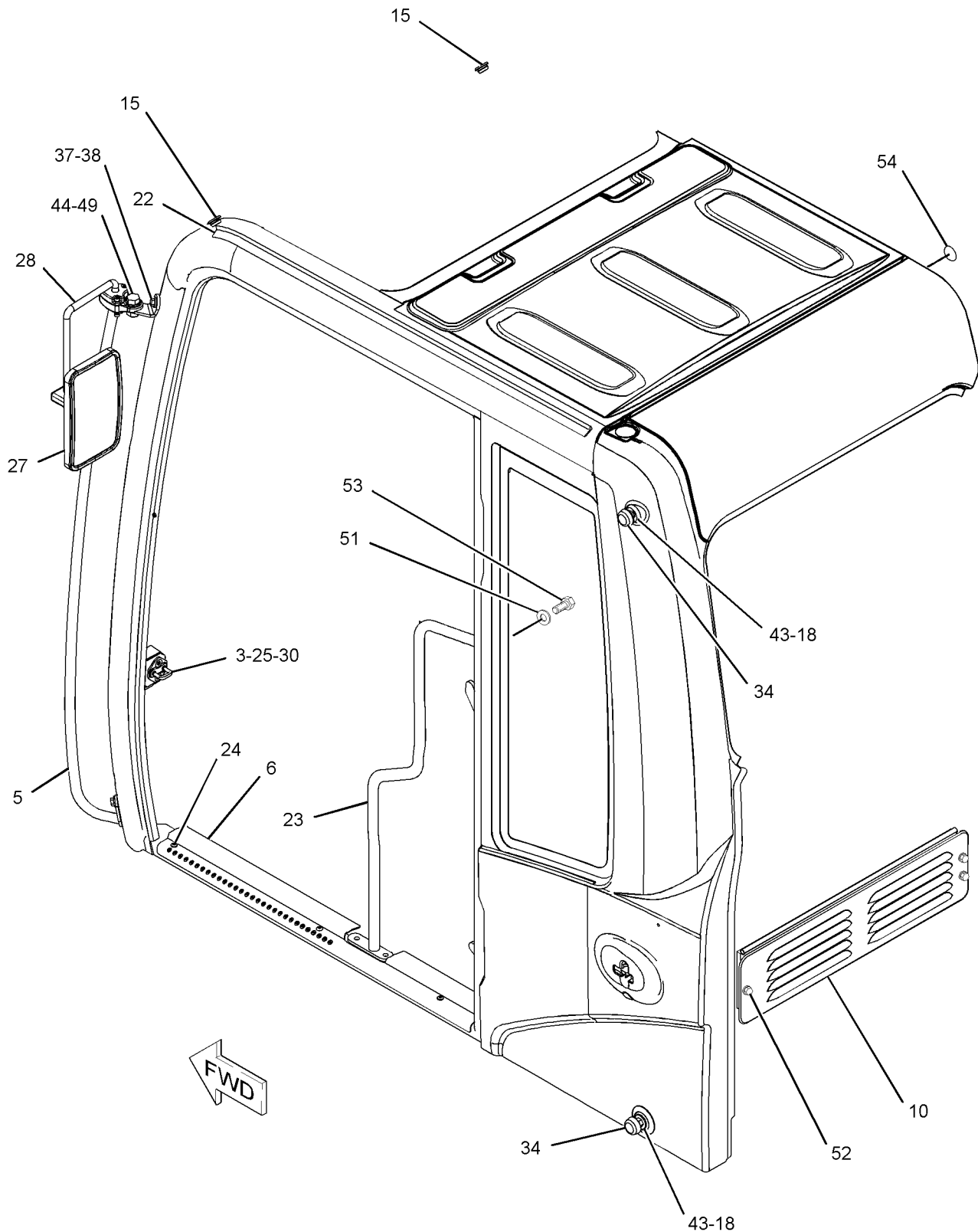
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	52	1	105-2169	3	BOLT AS (M8X1.25X16-MM)	
M	53	1	189-2864	2	SCREW-FLAT HEAD (M8X1.25X30-MM)	
	54	1	4I-3090	4	SEAL	

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

OPERATOR STATION

235-8910 CAB GP (contd.)

i02501163



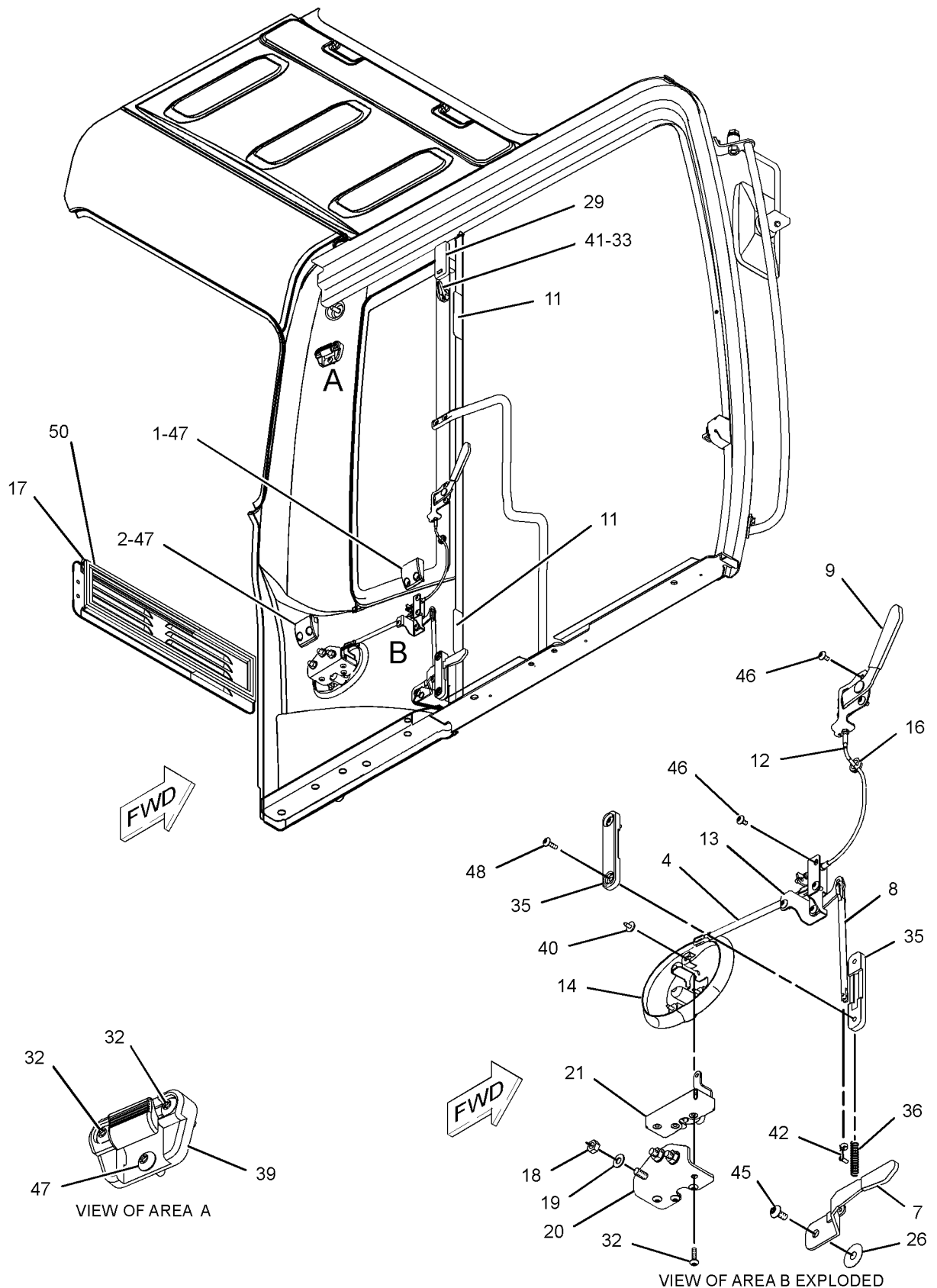
GRAPHIC #1

g01253581

OPERATOR STATION

235-8910 CAB GP (contd.)

i02501163



GRAPHIC #2

<END>

g01253579

OPERATOR STATION

296-5189 CAB GP

S/N: A6F1-UP; A8F1-UP

PART OF 296-5190 CAB GP
AN ATTACHMENT

SMCS-7301, 7325

i02783342

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	229-9099	1	CAB GP						641
Y	221-8813	1	MONITOR & MTG GP-OPERATOR						699
Y	259-5161	1	WIRING GP-CAB						172
M	8T-4190	4	BOLT (M16X2X25-MM)						
	257-4502	1	FILM-IDENTIFICATION (CATERPILLAR)						
E	134-6146		FILM-STRIPE (RED) (50-CM)						
	293-1183	1	FILTER AS-AIR (CAB)						
	9X-8257	6	WASHER (17.5X30X3.5-MM THK)						
E-ORDER BY THE CENTIMETER									
M-METRIC PART									
Y-SEPARATE ILLUSTRATION									

<END>

OPERATOR STATION

296-5190 CAB GP

S/N: A6F1-UP; A8F1-UP

AN ATTACHMENT

SMCS-7301, 7325

i02783299

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
M	1	1	128-2135	5	SCREW- TRUSS HEAD (M6X1X13-MM)	
	2	1	164-8474	2	LOUVER AS-VENT	
Y	3	1	296-5189	1	CAB GP	648
Y	4	1	234-6501	1	COVER GP-CAB (REAR)	677
	5	1	235-9001	1	SUPPORT	
M	6	1	8T-4179	5	BOLT (M12X1.75X20-MM)	
M	7	1	8T-4190	4	BOLT (M16X2X25-MM)	
	8	1	8T-4223	13	WASHER-HARD (13.5X25.5X3-MM THK)	
M	9	1	8T-4910	6	BOLT (M12X1.75X60-MM)	
M	10	1	8T-6868	2	BOLT (M12X1.75X80-MM)	
	11	1	8Y-6967	2	LOUVER AS	
	12	1	9X-8257	6	WASHER (17.5X30X3.5-MM THK)	

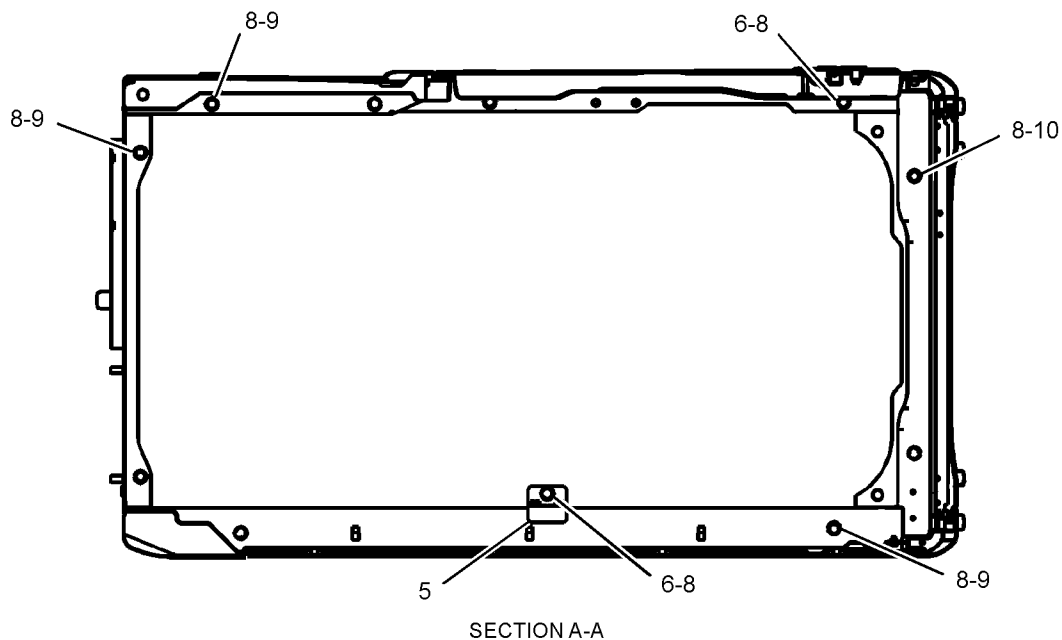
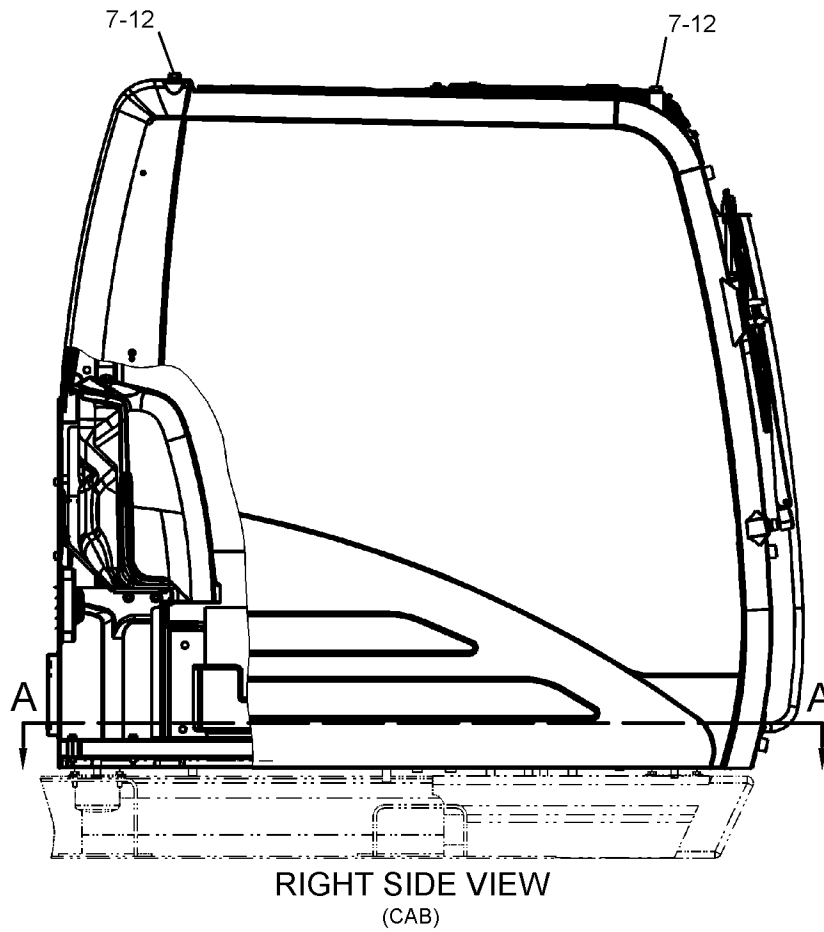
M-METRIC PART

Y-SEPARATE ILLUSTRATION

OPERATOR STATION

296-5190 CAB GP (contd.)

i02783299



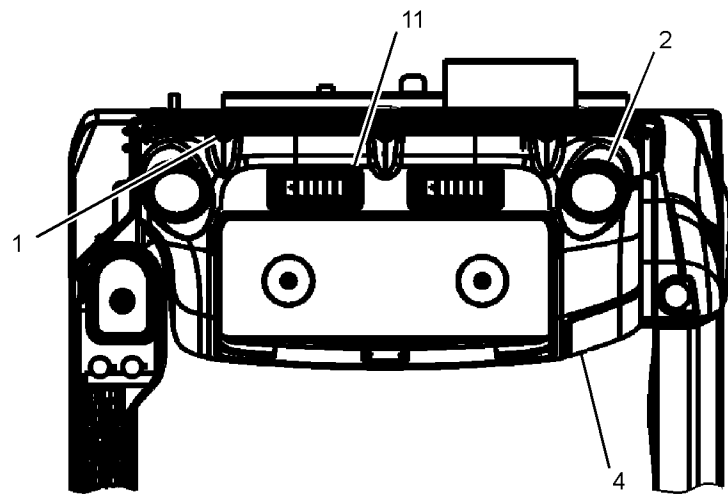
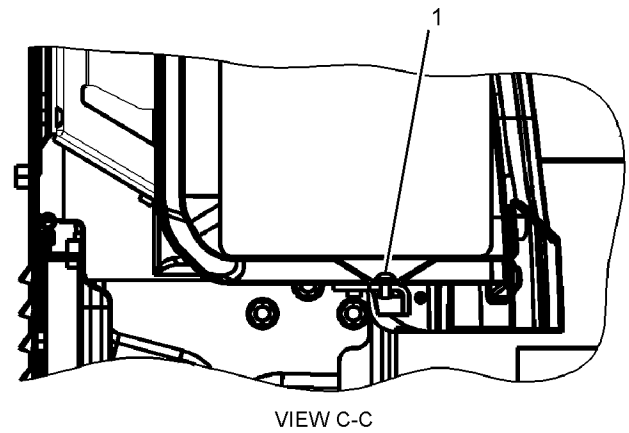
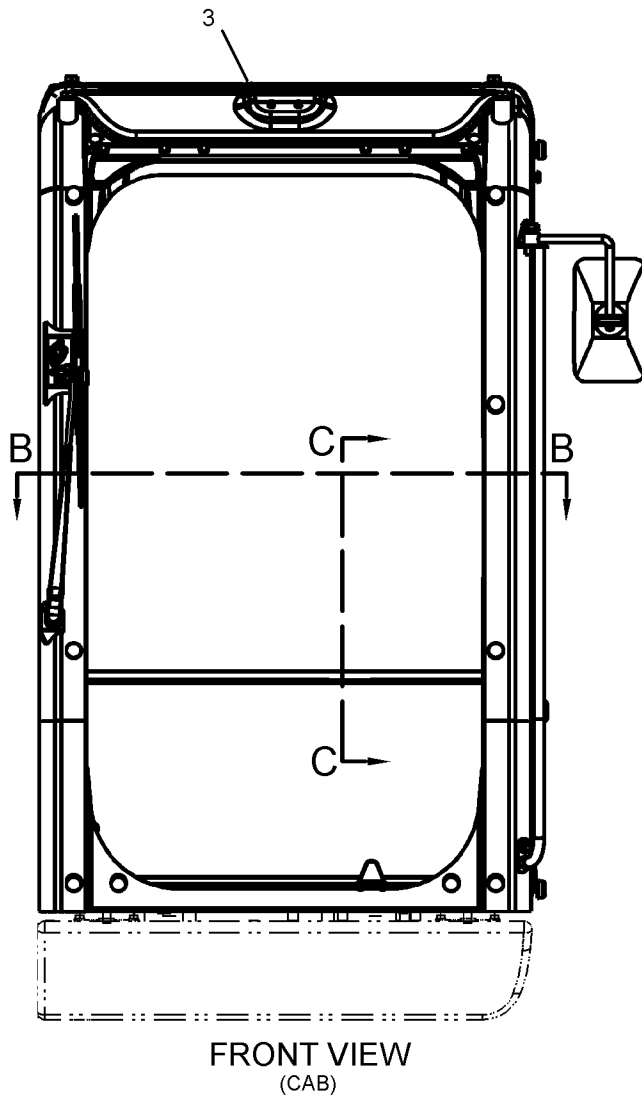
GRAPHIC #1

g01393297

OPERATOR STATION

296-5190 CAB GP (contd.)

i02783299



GRAPHIC #2

<END>

g01393313

OPERATOR STATION

239-6507 COMPRESSOR GP-REFRIGERANT

S/N: A6F1-UP; A8F1-UP

PART OF 272-4742 INSTALLATION AR-ENGINE

SMCS-1802

i02776696

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	118-9863	1	PULLEY						
	2	1	201-3888	1	SPACER						
	3	1	255-2927	1	V-BELT (AIR CONDITIONER COMPRESSOR)						
Y	4	1	255-3018	1	PULLEY GP-IDLER						37
Y	5	1	259-7244	1	COMPRESSOR GP-REFRIGERANT						654
	6	1	266-6207	1	BRACKET AS						
M	7	1	8T-3647	4	BOLT (M8X1.25X80-MM)						
	8	1	8T-4121	7	WASHER-HARD (11X21X2.5-MM THK)						
M	9	1	8T-4172	3	BOLT (M10X1.5X80-MM)						
M	10	1	8T-4184	2	BOLT (M12X1.75X45-MM)						
	11	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						
	12	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)						
M	13	1	8T-6466	4	BOLT (M10X1.5X60-MM)						
	14	1	5P-4116	1	WASHER-HARD (8.8X20.5X2-MM THK)						

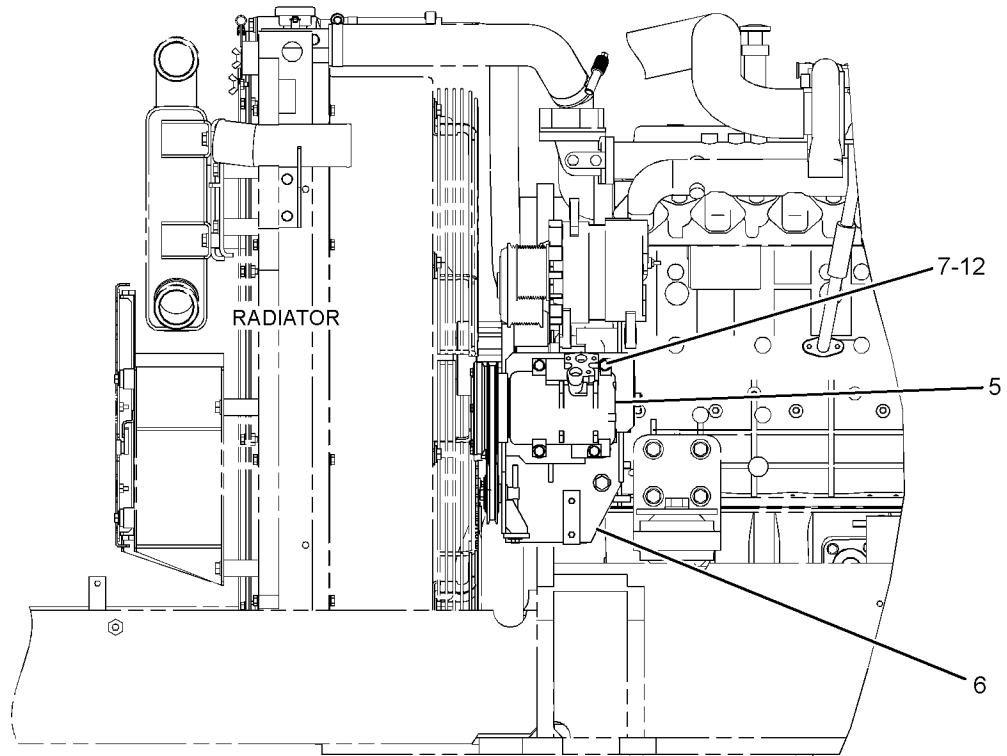
M-METRIC PART

Y-SEPARATE ILLUSTRATION

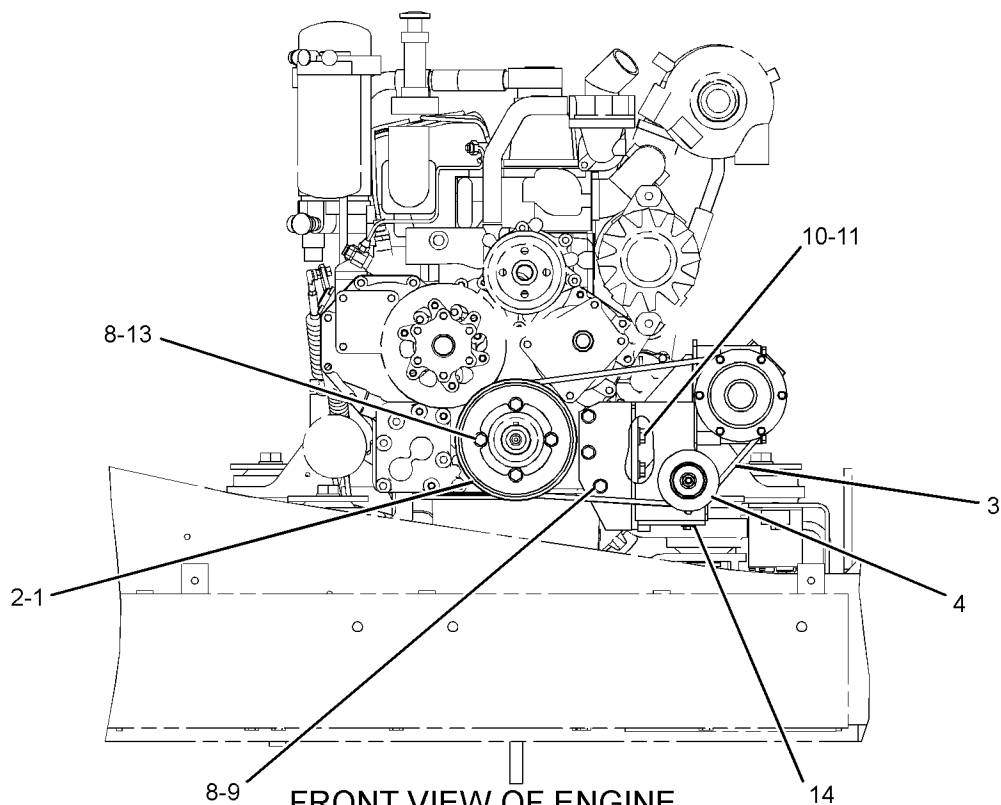
OPERATOR STATION

239-6507 COMPRESSOR GP-REFRIGERANT (contd.)

i02776696



LEFT SIDE VIEW OF ENGINE



FRONT VIEW OF ENGINE

<END>

GRAPHIC #1

g01238479

OPERATOR STATION

259-7244 COMPRESSOR GP-REFRIGERANT

S/N: A6F1-UP; A8F1-UP

PART OF 239-6507 COMPRESSOR GP-REFRIGERANT

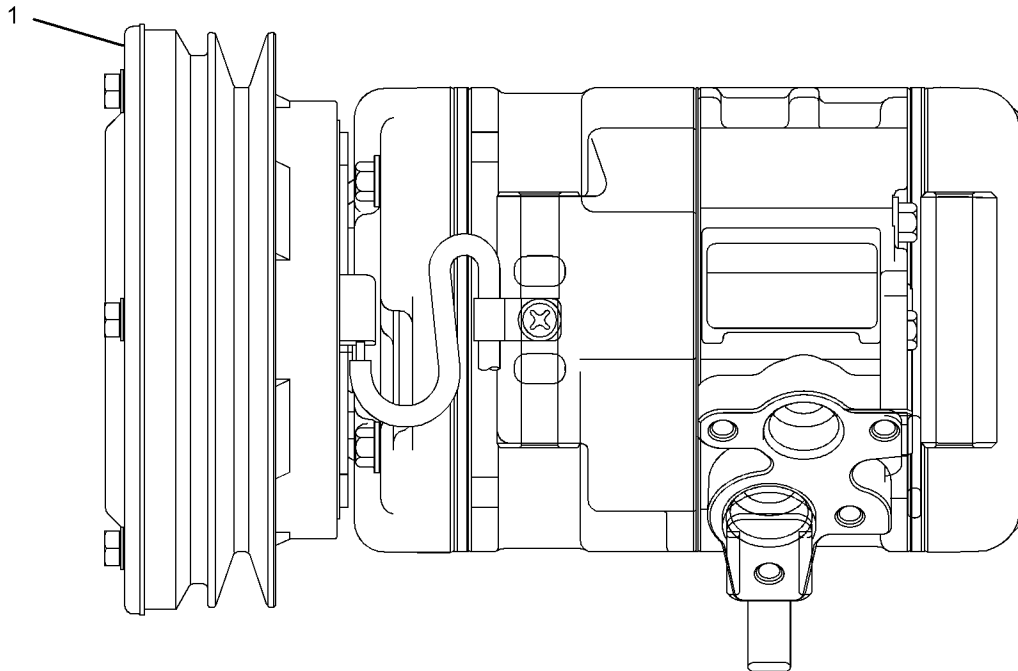
SMCS-1802

i02778302

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	259-7286	1	COIL AS (24-VOLT)						
		1	8T-8729	2	PIN-CONNECTOR						
		1	243-4505	1	RECEPTACLE AS-CONNECTOR (2-PIN)						
BF			264-9982	1	WASHER (6.2X12.2X0.1-MM THK)						
BF			264-9983	1	WASHER (6.2X12.2X0.3-MM THK)						
BF			264-9984	1	WASHER (6.2X12.2X0.5-MM THK)						
					(USED FOR PROPER INSTALLATION OF THE COIL AS)						

B-USE AS REQUIRED

F-NOT SHOWN



GRAPHIC #1

<END>

g01392695

OPERATOR STATION

259 - 7184 CONDENSER & MTG GP - REFRIGERANT

S/N: A6F1-UP; A8F1-UP

PART OF 272-4742 INSTALLATION AR-ENGINE

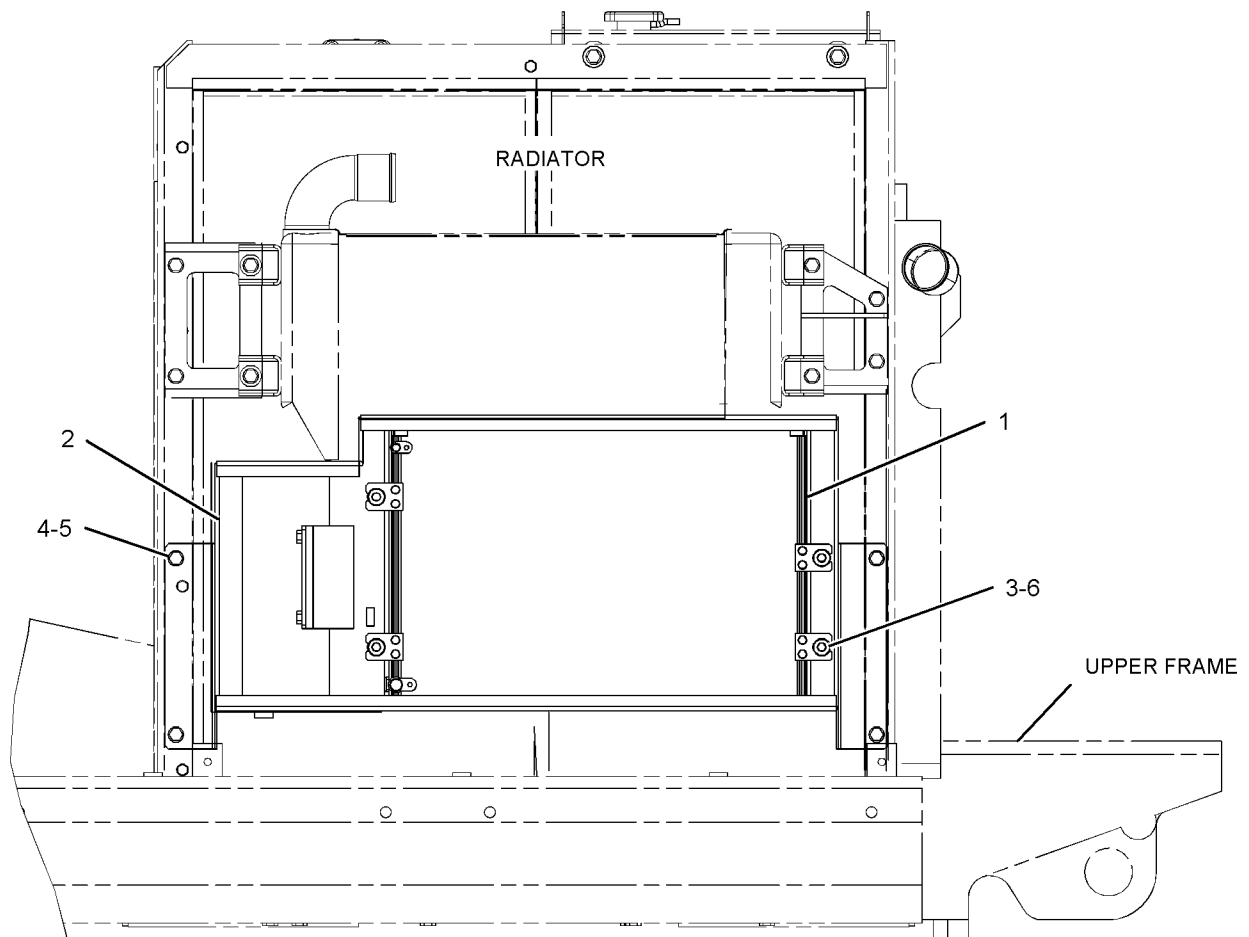
SMCS-1805

i02776731

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	245-7749	1	CONDENSER GP-REFRIGERANT						656
	2	1	259-7207	1	SUPPORT AS-CONDENSER						
M	3	1	7X-2533	4	BOLT (M6X1X35-MM)						
	4	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	5	1	8T-4137	4	BOLT (M10X1.5X20-MM)						
	6	1	9X-8256	4	WASHER (6.6X12X2-MM THK)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



LEFT SIDE VIEW

<END>

GRAPHIC #1

g01230238

OPERATOR STATION

245-7749 CONDENSER GP-REFRIGERANT

S/N: A6F1-UP; A8F1-UP

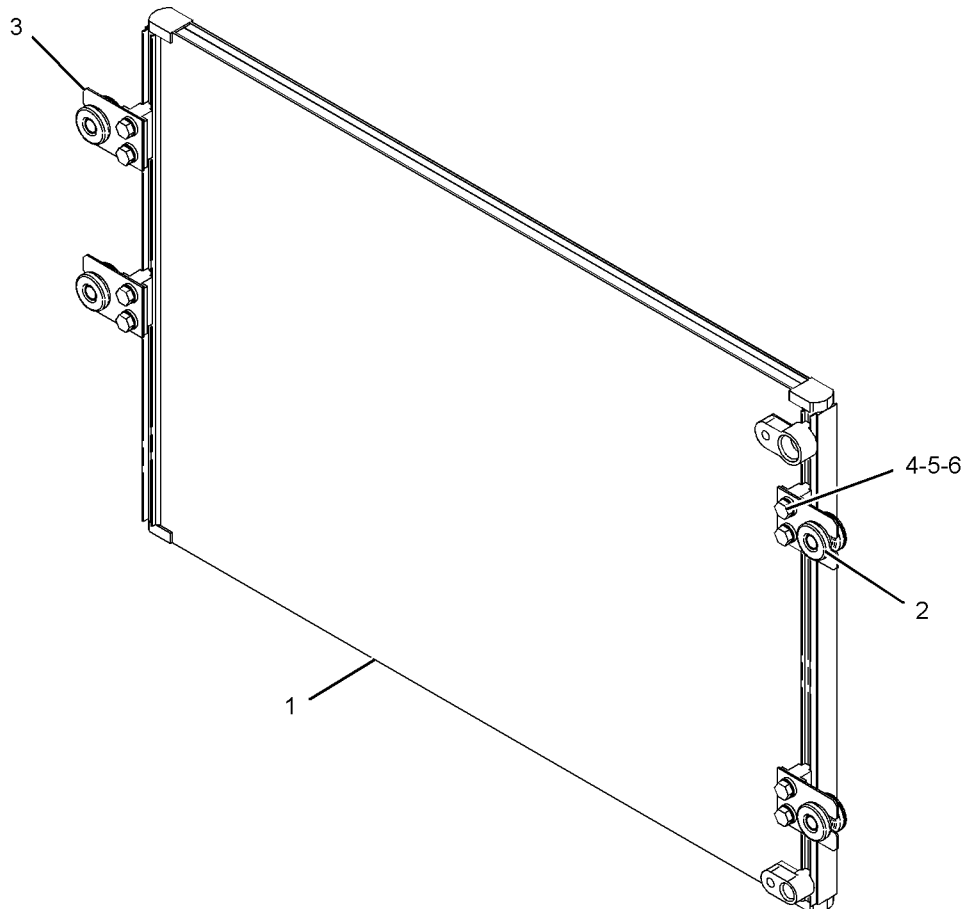
PART OF 259-7184 CONDENSER & MTG GP-REFRIGERANT

SMCS-1805

i02778309

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	235-8880	1	CONDENSER AS						
	2	1	245-7750	4	BUSHING-RUBBER						
	3	1	245-7751	4	BRACKET						
	4	1	095-0827	8	LOCKWASHER						
M	5	1	8T-4171	8	BOLT (M6X1X12-MM)						
	6	1	9X-8256	8	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01086695

OPERATOR STATION

245 - 7836 CONDENSER GP-REFRIGERANT

S/N: A6F1-UP; A8F1-UP

PART OF 240-5036 AIR CONDITIONER GP
AN ATTACHMENT

SMCS-1805

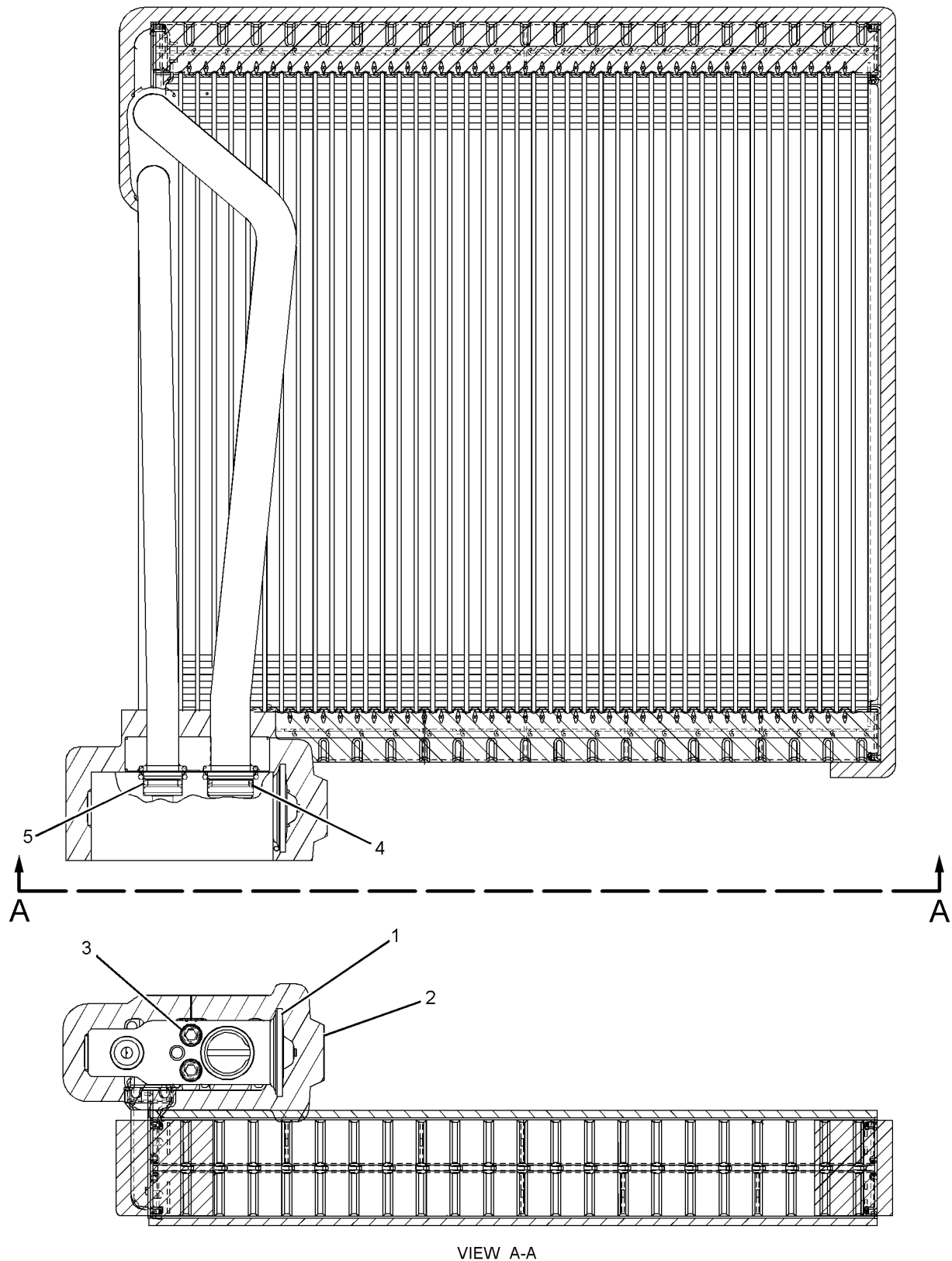
i02500473

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	245-7837	1	VALVE AS-EXPANSION	
	2	1	245-7905	1	INSULATOR	
M	3	1	8T-0266	2	BOLT-SOCKET HEAD (M5X0.8X40-MM)	
	4	1	121-7136	1	SEAL-O-RING	
	5	1	121-7138	1	SEAL-O-RING	
M-METRIC PART						

OPERATOR STATION

245 - 7836 CONDENSER GP - REFRIGERANT (contd.)

i02500473



VIEW A-A

GRAPHIC #1

<END>

g01134658

OPERATOR STATION

245 - 7922 CONSOLE GP-OPERATOR-MONITOR

S/N: A6F1-UP; A8F1-UP
PART OF 273-5387 OPERATOR AR

SMCS-5258

i02604362

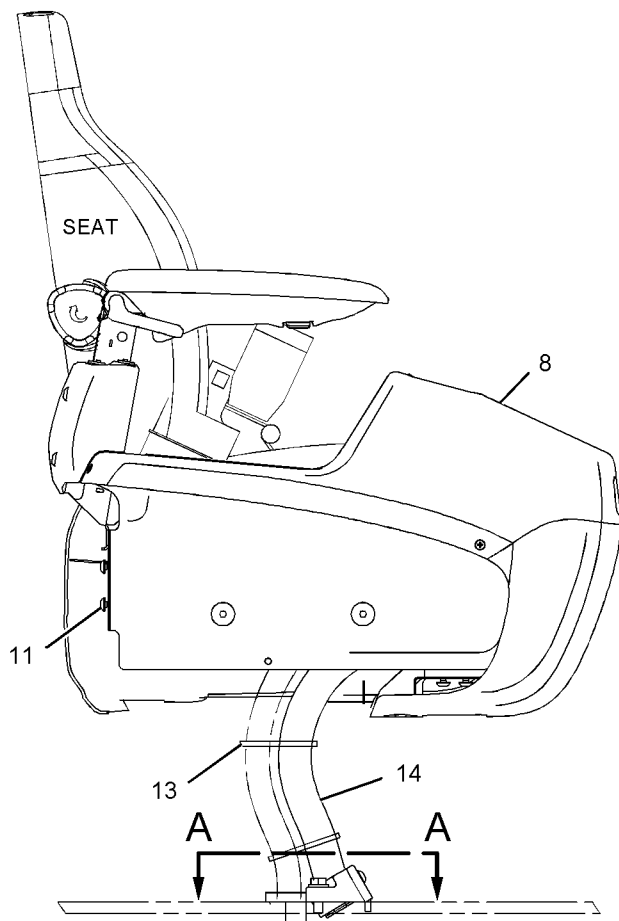
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	176-1916	2	GROMMET						
	2	1	178-5422	2	GROMMET						
	3	1	178-5423	2	GROMMET						
	4	1	185-8161	2	INSULATOR						
	5	1	235-8893	2	SUPPORT						
	6	1	235-8894	2	SUPPORT						
Y	7	1	259-7349	1	CONSOLE GP-OPERATOR (LH)						663
Y	8	1	259-7348	1	CONSOLE GP-OPERATOR (RH)						661
	9	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	10	1	8T-4195	4	BOLT (M10X1.5X30-MM)						
M	11	1	9X-2043	16	SCREW-TRUSS HEAD (M6X1X14-MM)						
M	12	1	9X-2045	4	SCREW-TRUSS HEAD (M6X1X20-MM)						
	13	1	7K-1181	4	STRAP-CABLE						
	14	1	122-9617	2	GUARD						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

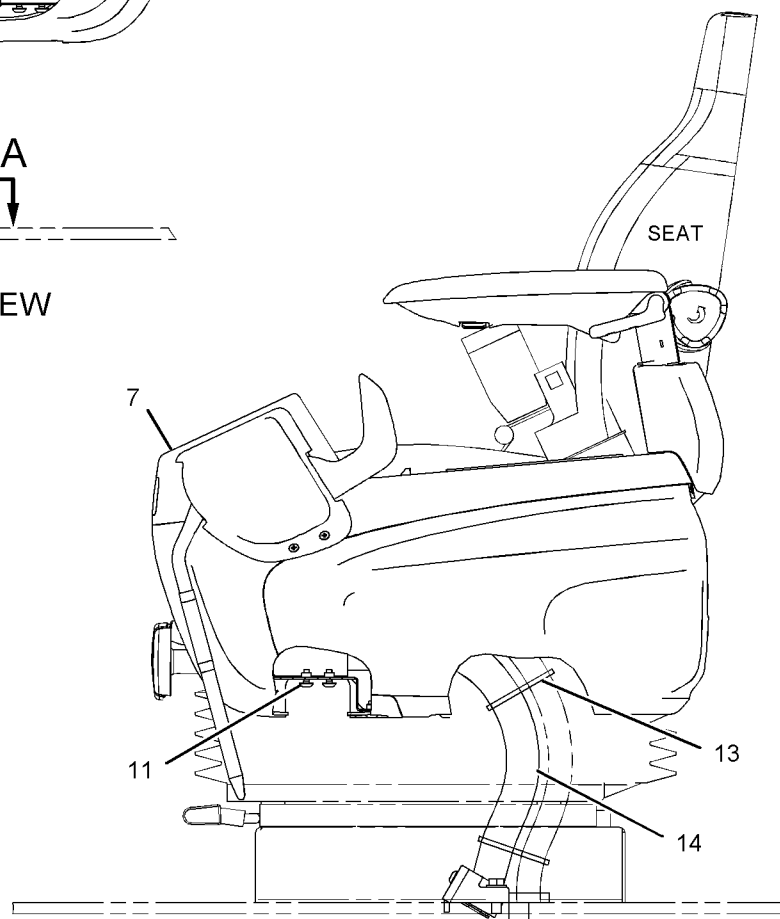
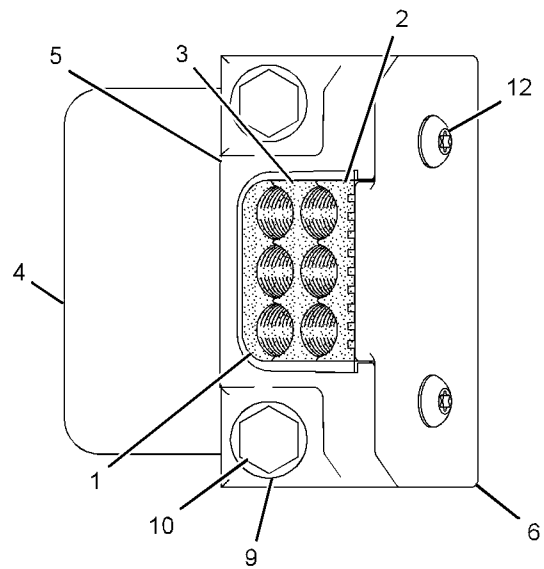
OPERATOR STATION

245 - 7922 CONSOLE GP - OPERATOR (contd.)

i02604362



RIGHT SIDE VIEW



LEFT SIDE VIEW

GRAPHIC #1

<END>

g01122806

OPERATOR STATION

259-7348 CONSOLE GP-OPERATOR-RH

S/N: A6F1-UP; A8F1-UP

PART OF 245-7922, 274-7466 CONSOLE GP-OPERATOR

SMCS-5258

i02604394

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
M	1	1	128-2135	4	SCREW- TRUSS HEAD (M6X1X13-MM)	
	2	1	185-8284	1	COVER	
	3	1	234-6579	2	NUT- SPEED	
	4	1	234-6580	2	CAP	
	5	1	234-6602	1	COVER	
	6	1	234-6604	1	COVER	
	7	1	234-6608	1	COVER	
	8	1	234-6609	1	COVER	
	9	1	234-6610	1	COVER	
	10	1	235-8914	4	NUT- SPEED	
	11	1	235-8966	2	BASE- MOUNTING	
	12	1	245-7790	2	SCREW- TAPPING	
	13	1	245-7926	1	SUPPORT AS	
	14	1	245-7948	4	SCREW- TAPPING	
Y	15	1	259-7346	1	ARMREST GP (RH)	639
M	16	1	9X-2041	3	SCREW- TRUSS HEAD (M10X1.5X20-MM)	

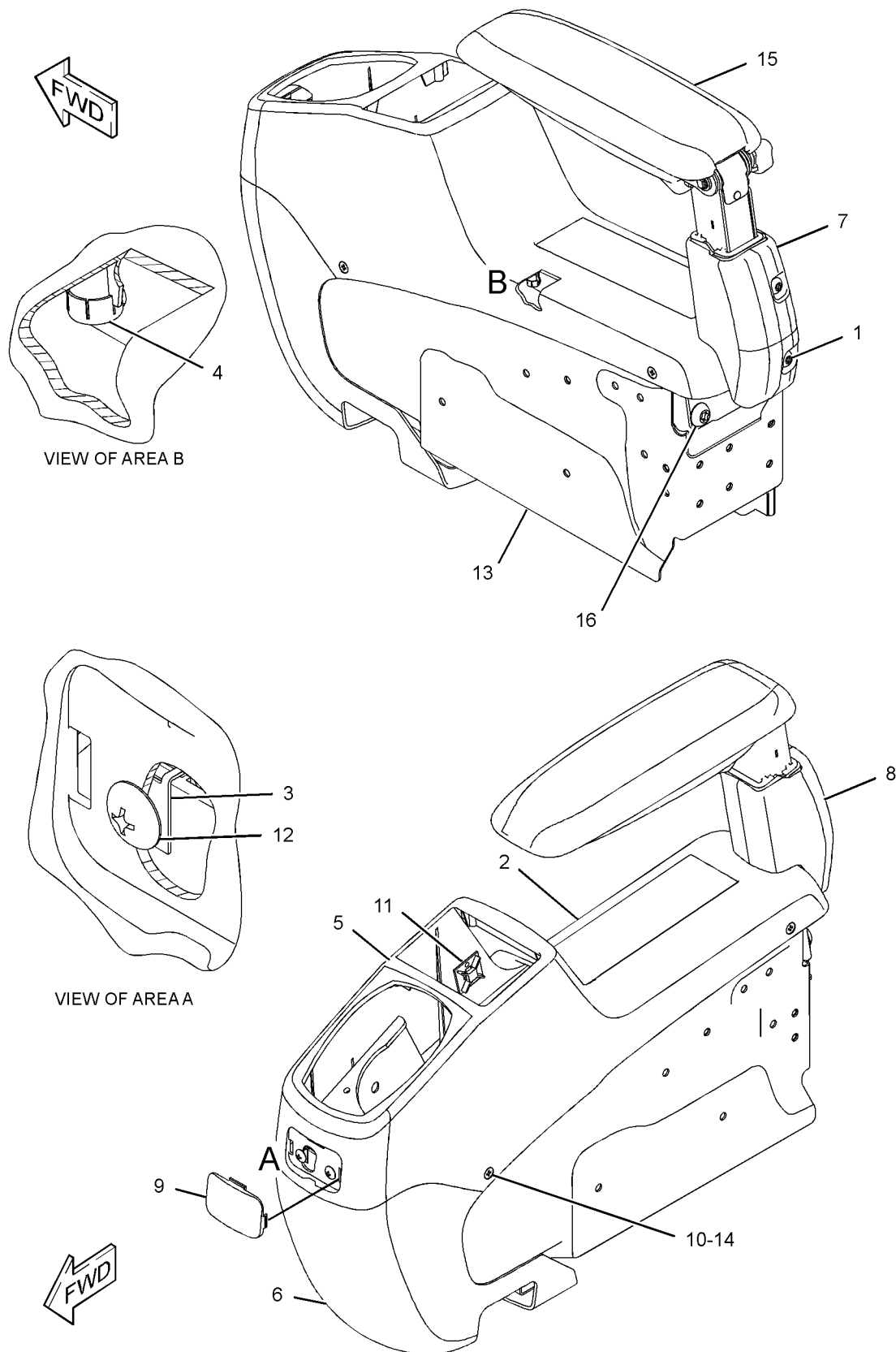
M- METRIC PART

Y- SEPARATE ILLUSTRATION

OPERATOR STATION

259-7348 CONSOLE GP-OPERATOR (contd.)

i02604394



GRAPHIC #1

<END>

g01217107

OPERATOR STATION

259-7349 CONSOLE GP-OPERATOR-LH

S/N: A6F1-UP; A8F1-UP

PART OF 245-7922, 274-7465 CONSOLE GP-OPERATOR

SMCS-5258

i02604395

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
M	1	1	128-2135	5	SCREW-TRUSS HEAD (M6X1X13-MM)	
	2	1	171-7325	3	SCREW-TAPPING	
	3	1	234-6579	6	NUT-SPEED	
	4	1	234-6580	4	CAP	
	5	1	234-6603	1	COVER	
	6	1	234-6605	1	COVER	
	7	1	234-6608	1	COVER	
	8	1	234-6609	1	COVER	
	9	1	234-6610	1	COVER	
	10	1	234-6611	1	CASE	
	11	1	234-6612	1	COVER	
Y	12	1	234-6613	1	SWITCH GP-POSITION (HYDRAULIC LOCKOUT)	162
	13	1	234-6614	1	COVER	
	14	1	235-8914	4	NUT-SPEED	
	15	1	235-8965	1	GUARD	
	16	1	245-7790	3	SCREW-TAPPING	
	17	1	245-7925	1	SUPPORT AS	
	18	1	245-7948	7	SCREW-TAPPING	
	19	1	259-7202	1	ASHTRAY	
	20	1	259-7347	1	ARMREST GP (LH)	640
M	21	1	9X-2041	3	SCREW-TRUSS HEAD (M10X1.5X20-MM)	
M	22	1	9X-2042	2	SCREW-TRUSS HEAD (M6X1X12-MM)	

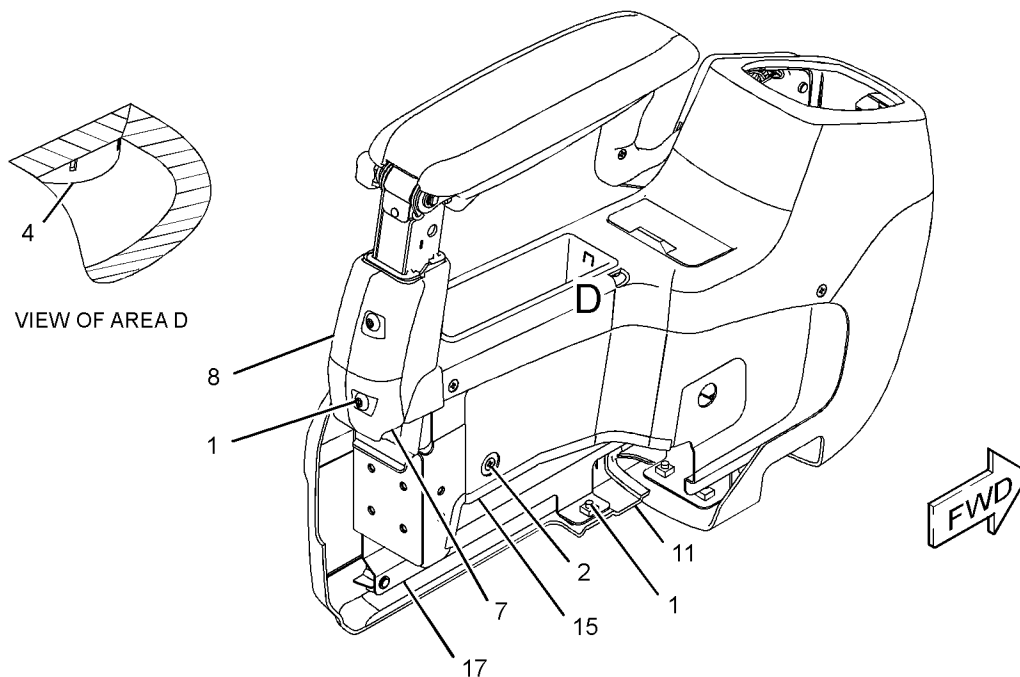
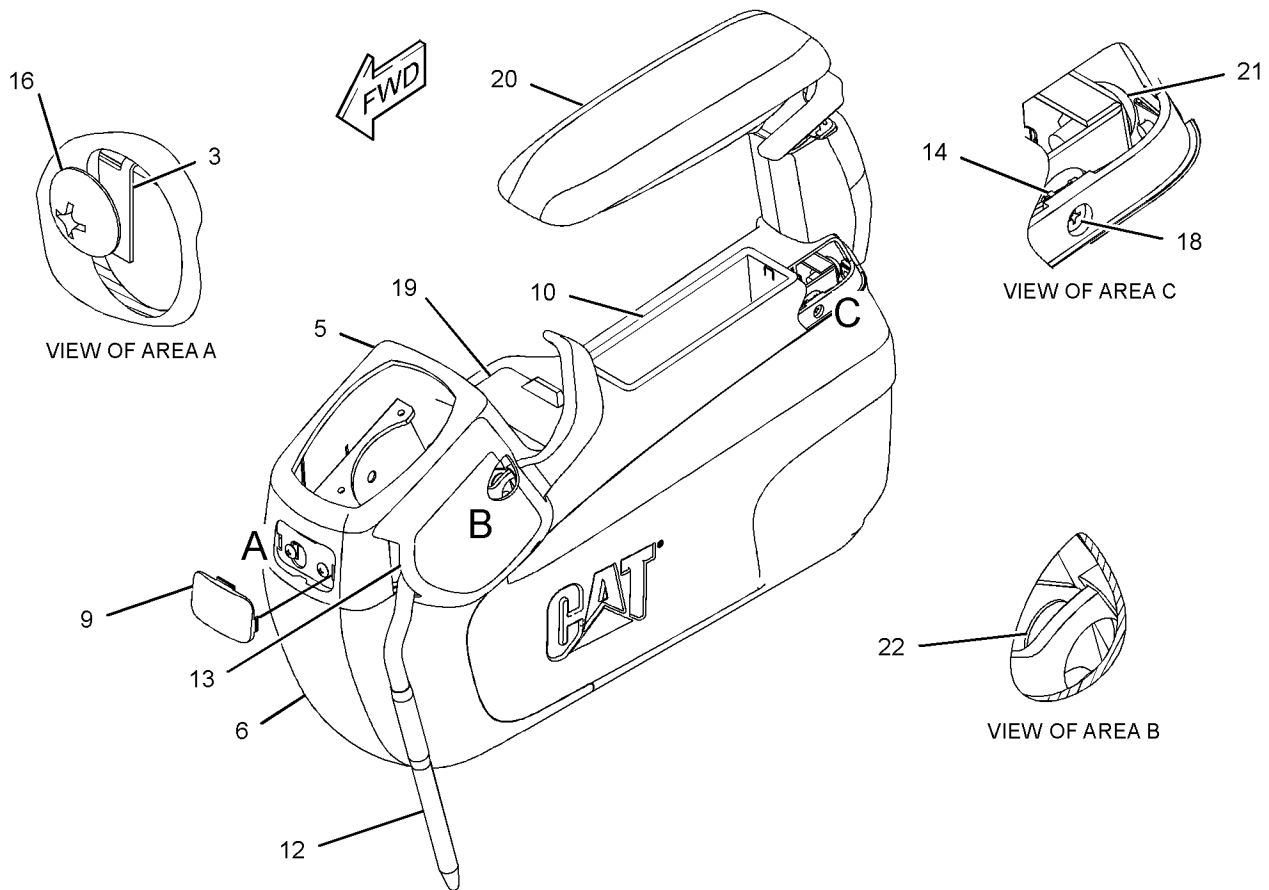
M-METRIC PART

Y-SEPARATE ILLUSTRATION

OPERATOR STATION

259 - 7349 CONSOLE GP - OPERATOR (contd.)

i02604395



GRAPHIC #1

<END>

g01217096

OPERATOR STATION

274-7465 CONSOLE GP-OPERATOR-LH

S/N: A6F1-UP; A8F1-UP

PART OF 264-8626, 264-8627 GENERAL AR

SMCS-5258

i02781626

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	259-7349	1	CONSOLE GP-OPERATOR (LH)						663
Y	231-1836	1	WIRING GP-CONSOLE (LH)						187
Y-SEPARATE ILLUSTRATION									
<END>									

274-7466 CONSOLE GP-OPERATOR-RH

S/N: A6F1-UP; A8F1-UP

PART OF 264-8626, 264-8627 GENERAL AR

SMCS-5258

i02781629

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	259-7348	1	CONSOLE GP-OPERATOR (RH)						661
Y	251-0542	1	PANEL GP-SWITCH (ENGINE SPEED, START)						151
Y	251-0435	1	WIRING GP-CONSOLE (RH)						189
Y-SEPARATE ILLUSTRATION									
<END>									

OPERATOR STATION

170-9497 CONTROL GP - HANDLE

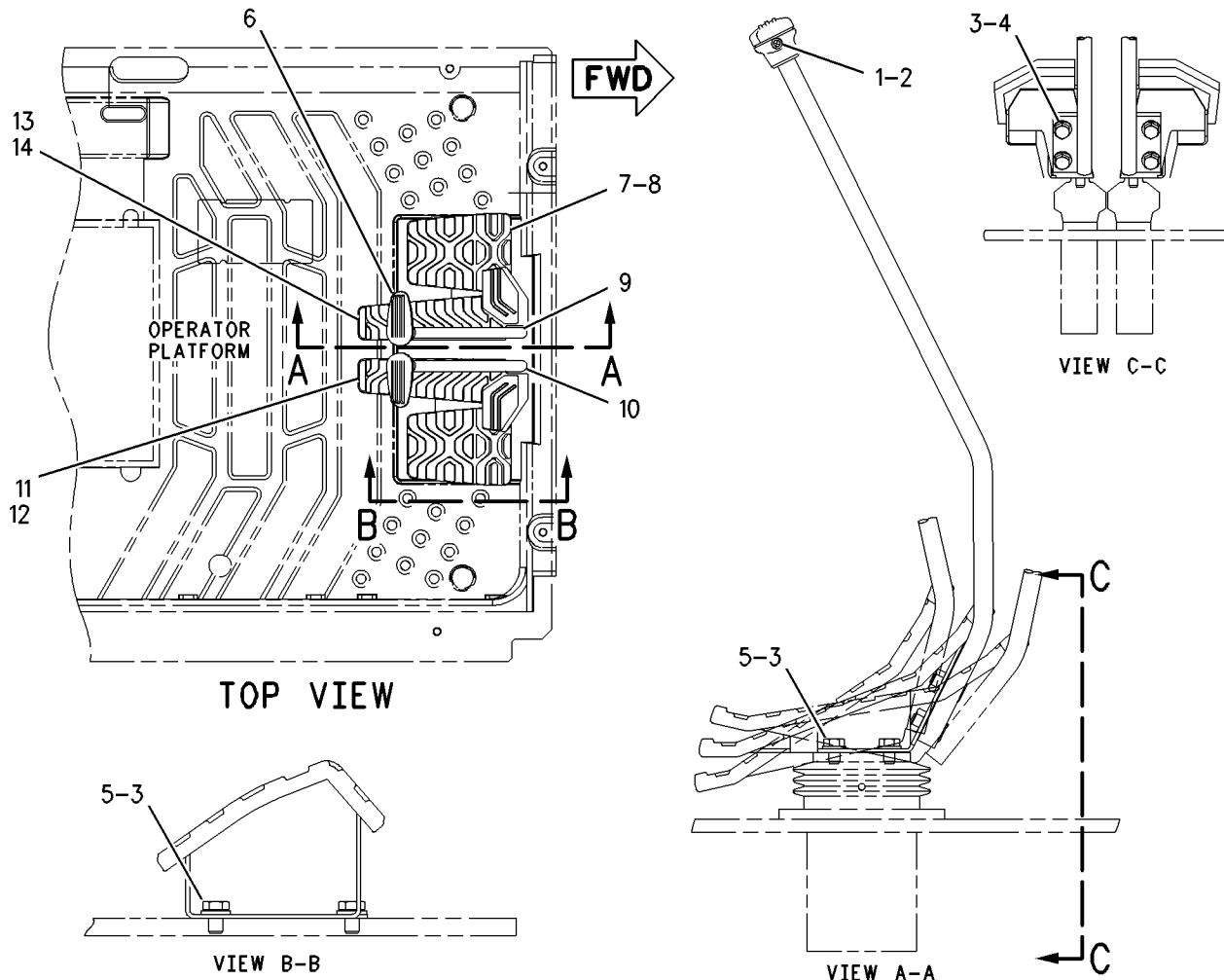
S/N: A6F1-UP; A8F1-UP
PART OF 273-5387 OPERATOR AR

SMCS-5705

i01364060

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	096-6166	1	WASHER-HARD (4.5X9X1-MM THK)						
M	2	1	095-0728	2	SCREW-MACHINE (M4X0.7X12-MM)						
	3	1	8T-4121	12	WASHER-HARD (11X21X2.5-MM THK)						
M	4	1	8T-4136	4	BOLT (M10X1.5X25-MM)						
M	5	1	8T-4191	8	BOLT (M10X1.5X16-MM)						
	6	1	142-5546	2	KNOB						
	7	1	117-6356	2	STEP AS						
	8	1	122-9610	2	STEP						
	9	1	170-9499	1	LEVER AS (LH)						
	10	1	170-9498	1	LEVER AS (RH)						
	11	1	122-9608	1	PEDAL-RUBBER						
	12	1	117-6350	1	PEDAL AS (RH)						
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)						
	13	1	122-9609	1	PEDAL-RUBBER						
	14	1	117-6349	1	PEDAL AS (LH)						
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)						

M-METRIC PART



GRAPHIC #1

<END>

g00672963

OPERATOR STATION

235 - 8969 CONTROL GP - HANDLE-LH

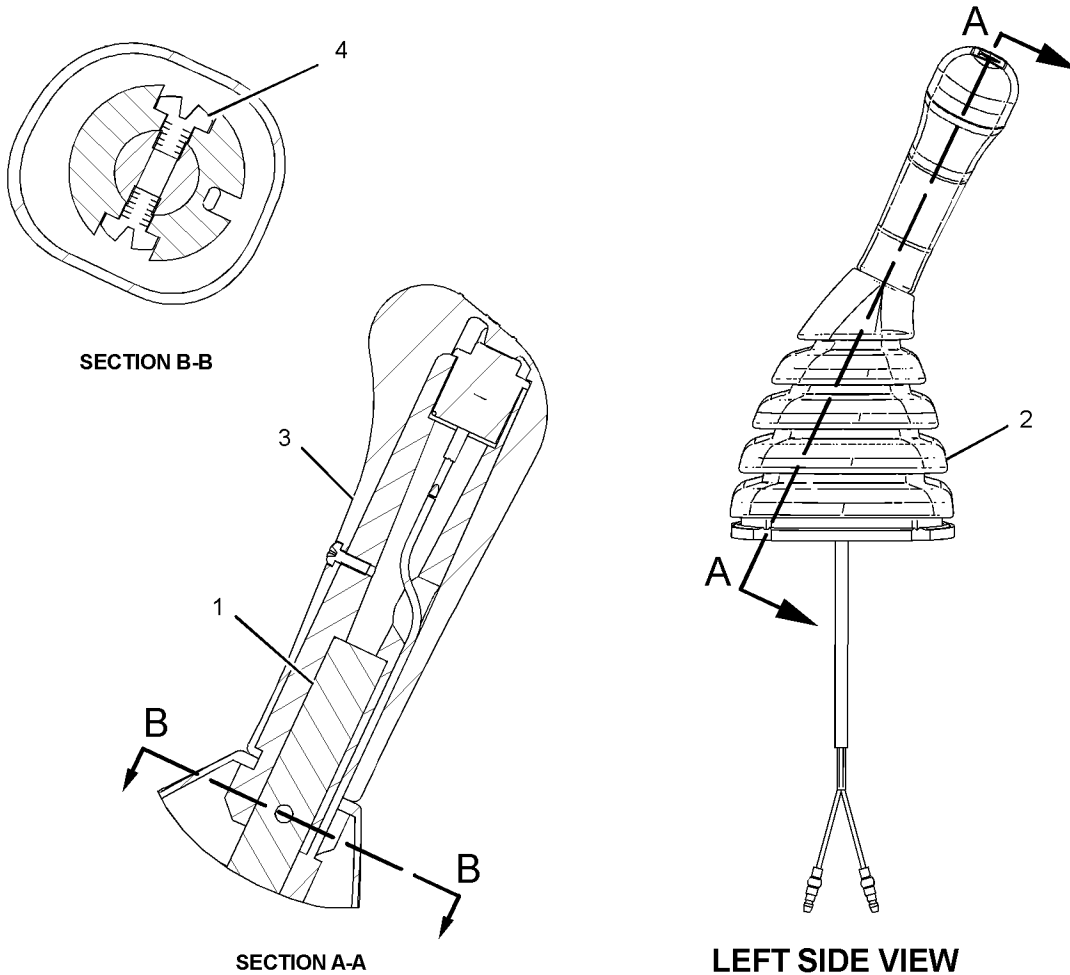
S/N: A6F1-UP; A8F1-UP

PART OF 270-5951 CONTROL GP-JOYSTICK
AN ATTACHMENT

SMCS-5705

i02503918

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	124-4010	1	LEVER						
	2	1	235-8971	1	BOOT						
	3	1	245-7842	1	KNOB AS						
M		1	61-5298	1	SCREW						
		1	124-4009	1	SHAFT						
		1	222-0225	1	SWITCH AS-PUSH BUTTON (HORN) (HORN)						
M	4	1	096-2617	2	SCREW-MACHINE (M5X0.8X6-MM)						
M-METRIC PART											



GRAPHIC #1

<END>

g01253539

OPERATOR STATION

235 - 8970 CONTROL GP - HANDLE-RH

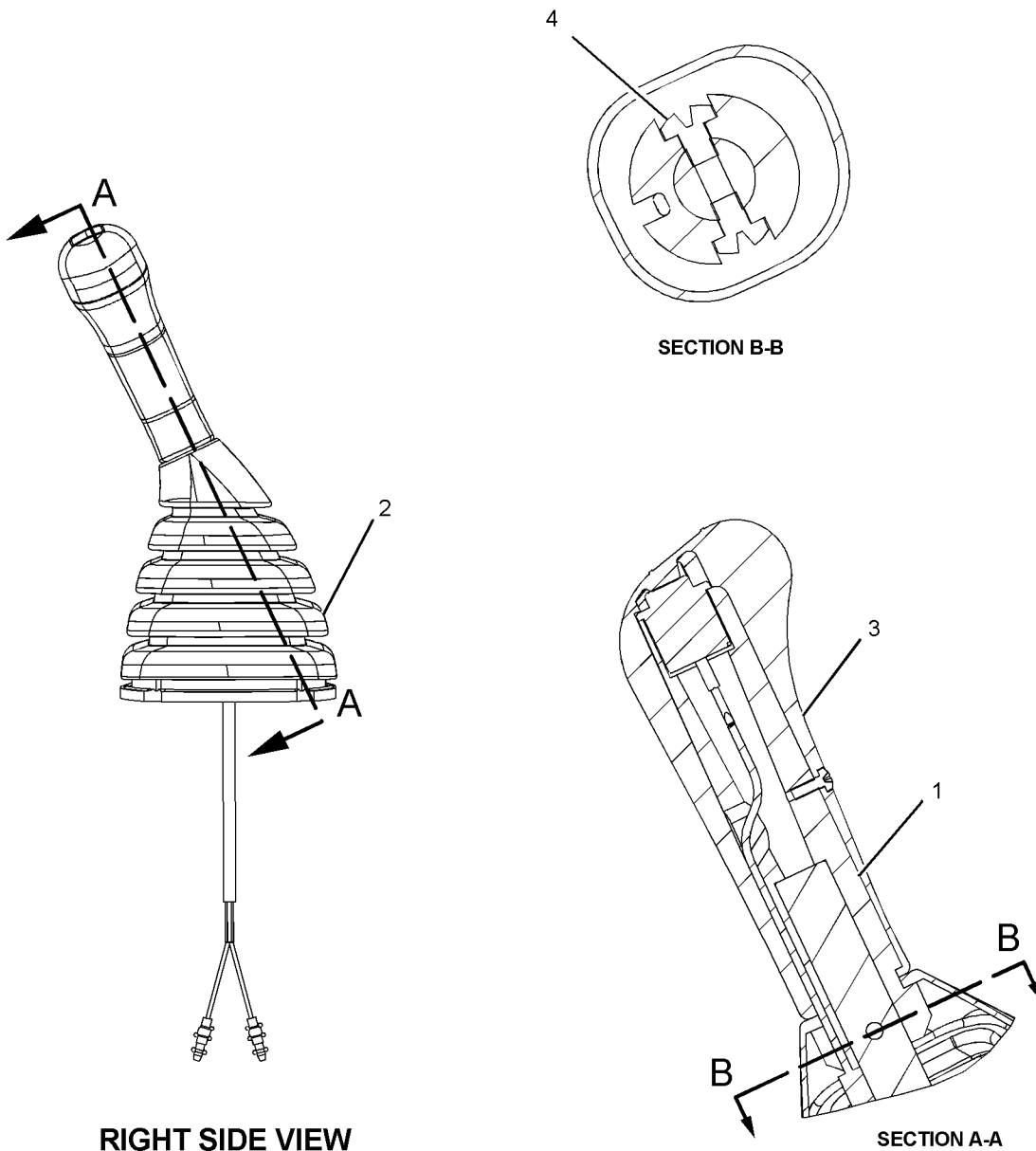
S/N: A6F1-UP; A8F1-UP

PART OF 270-5952 CONTROL GP-JOYSTICK
AN ATTACHMENT

SMCS-5705

i02503932

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	124-4010	1	LEVER						
	2	1	235-8972	1	BOOT						
	3	1	245-7844	1	KNOB AS						
M		1	61-5298	1	SCREW						
		1	124-4009	1	SHAFT						
		1	222-0225	1	SWITCH AS-PUSH BUTTON						
M	4	1	096-2617	2	SCREW-MACHINE (M5X0.8X6-MM)						
M-METRIC PART											



GRAPHIC #1

<END>

g01082427

OPERATOR STATION

245-7846 CONTROL GP-HEAT & AIR COND

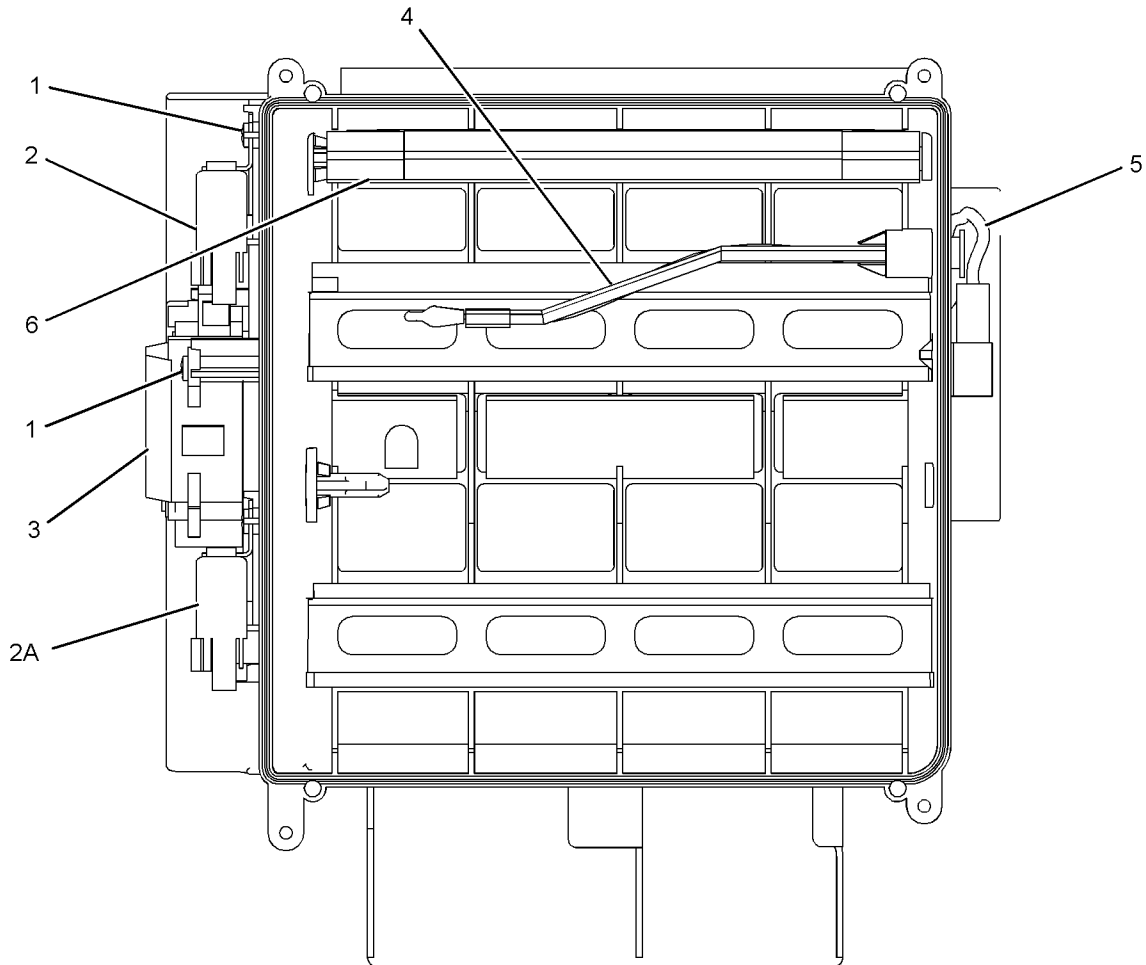
S/N: A6F1-UP; A8F1-UP

PART OF 240-5036 AIR CONDITIONER GP
AN ATTACHMENT

SMCS-7309

i02794156

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	185-8300	4	SCREW-TAPPING						
	2	1	196-1666	1	RELAY (COMPRESSOR CLUTCH)						
	2A	1	196-1666	1	RELAY (BLOWER)						
	3	1	245-7813	1	MOTOR AS						
	4	1	245-7814	1	BRACKET						
	5	1	245-7815	1	SENSOR AS-TEMPERATURE (AIR)						
	6	1	245-7816	1	DAMPER AS						



GRAPHIC #1

<END>

g01245591

OPERATOR STATION

239 - 8693 CONTROL GP - HYDRAULIC PEDAL

S/N: A6F1-UP; A8F1-UP

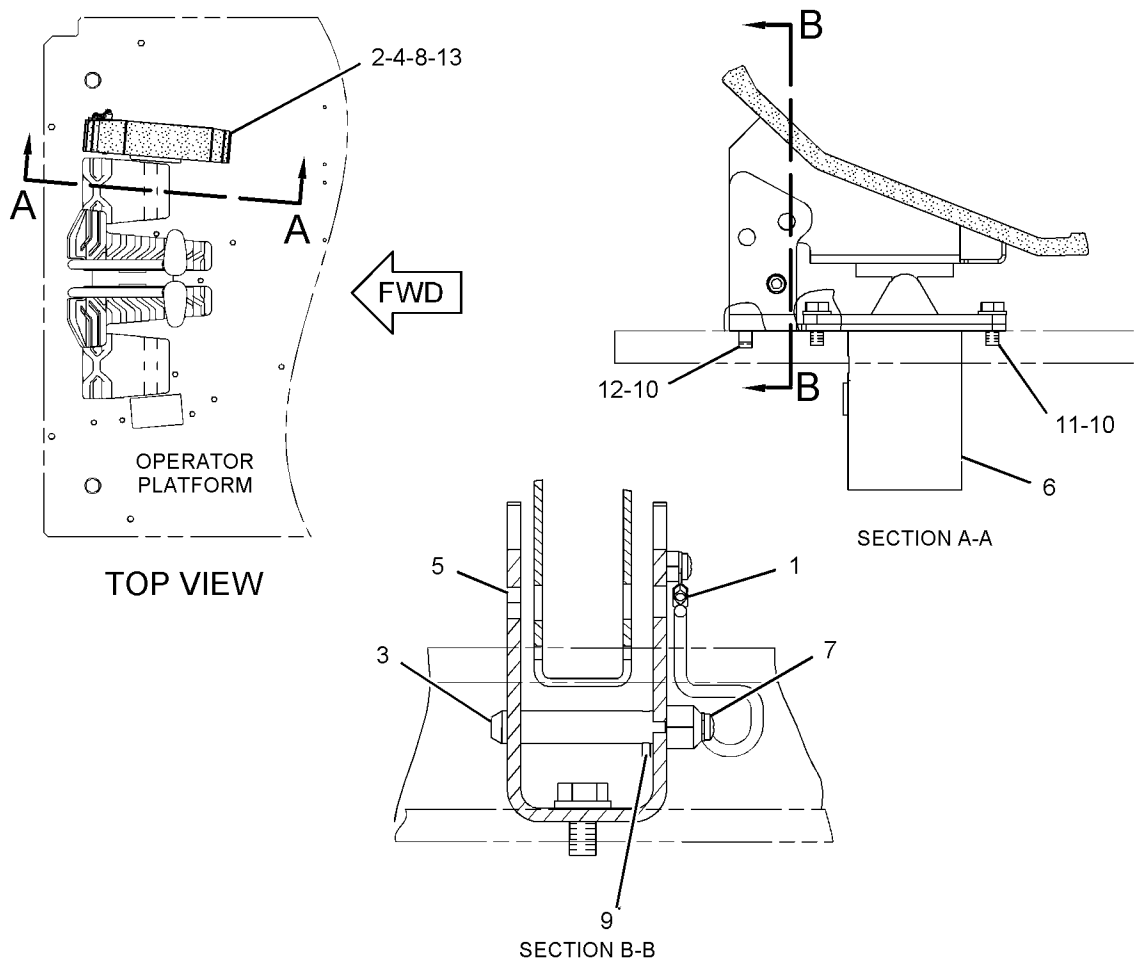
PART OF 259-7492, 259-7494 CONTROL AR-AUXILIARY
AN ATTACHMENT

SMCS-5059, 5063

i02765614

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5I-7090	1	CHAIN AS						
	2	1	122-9611	1	PEDAL - RUBBER (RH)						
	3	1	128-2173	1	PIN						
	4	1	153-8762	1	PEDAL AS						
	5	1	153-8763	1	SUPPORT AS						
	6	1	206-3336	1	VALVE GP-PILOT						
M	7	1	095-0735	2	SCREW-MACHINE (M5X0.8X8-MM)						
M	8	1	7X-2536	2	BOLT (M8X1.25X14-MM)						
	9	1	8T-0114	1	PIN-SPRING						
	10	1	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)						
M	11	1	8T-4136	2	BOLT (M10X1.5X25-MM)						
M	12	1	8T-4137	1	BOLT (M10X1.5X20-MM)						
	13	1	8T-4224	2	WASHER-HARD (8.8X16X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01239101

OPERATOR STATION

239 - 8695 CONTROL GP - HYDRAULIC PEDAL

S/N: A6F1-UP; A8F1-UP

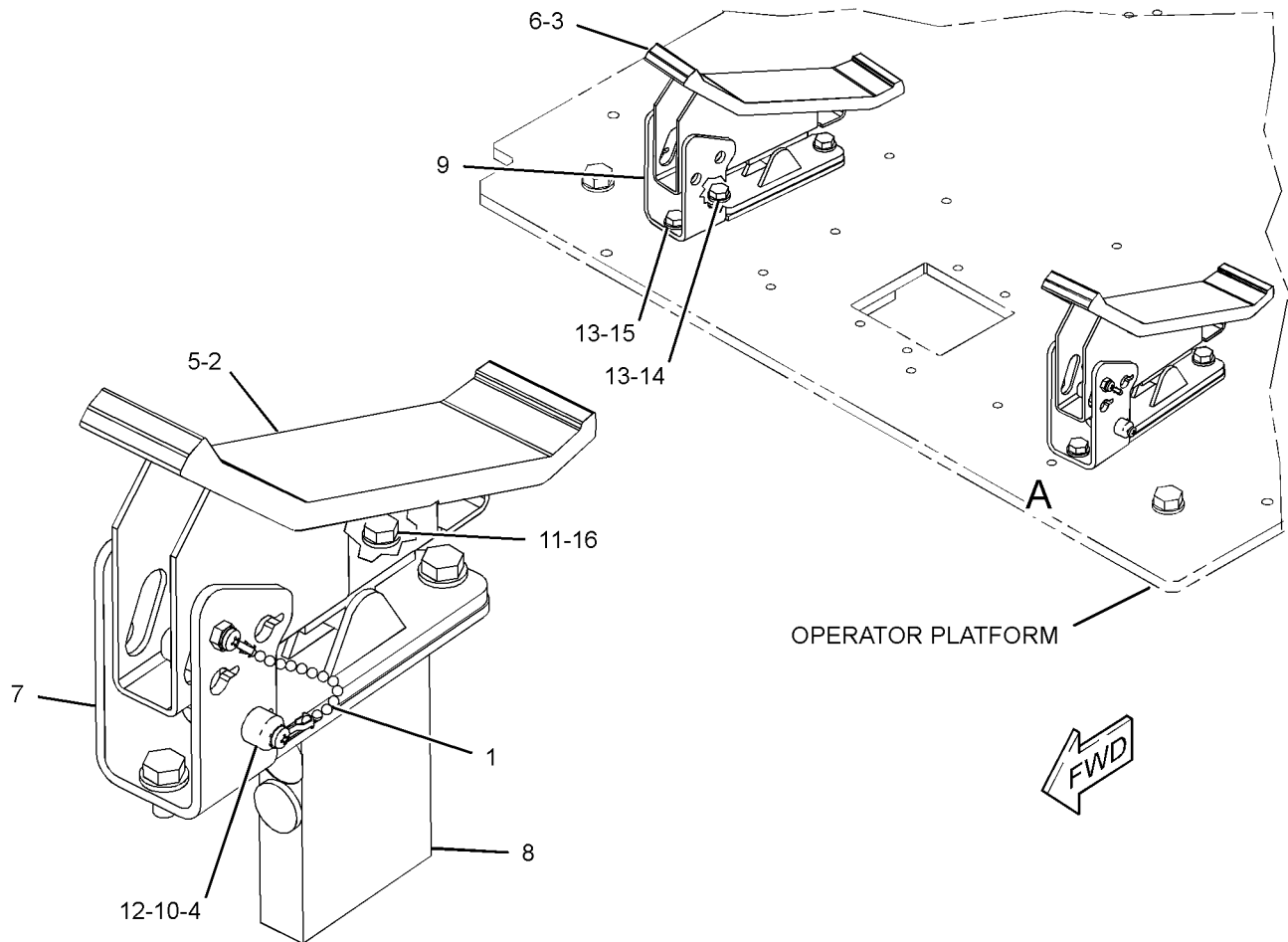
PART OF 259-7493, 259-7495 CONTROL AR-AUXILIARY
AN ATTACHMENT

SMCS-5059, 5063

i02786403

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5I-7090	2	CHAIN AS						
	2	1	121-1865	1	PEDAL - RUBBER (LH)						
	3	1	122-9611	1	PEDAL - RUBBER (RH)						
	4	1	128-2173	2	PIN						
	5	1	153-8753	1	PEDAL AS						
	6	1	153-8762	1	PEDAL AS						
	7	1	153-8763	1	SUPPORT AS						
	8	1	206-3336	2	VALVE GP-PILOT						
	9	1	259-7877	1	SUPPORT AS						
M	10	1	095-0735	4	SCREW-MACHINE (M5X0.8X8-MM)						
M	11	1	7X-2536	4	BOLT (M8X1.25X14-MM)						
	12	1	8T-0114	2	PIN-SPRING						
	13	1	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)						
M	14	1	8T-4136	4	BOLT (M10X1.5X25-MM)						
M	15	1	8T-4137	2	BOLT (M10X1.5X20-MM)						
	16	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)						

M-METRIC PART



VIEW OF AREA A

GRAPHIC #1

<END>

g01231524

OPERATOR STATION

259 - 7179 CONTROL GP - HYDRAULIC PEDAL

S/N: A6F1-UP; A8F1-UP
PART OF 259-7178 PEDAL AR-AUXILIARY
AN ATTACHMENT

SMCS-5059, 5063

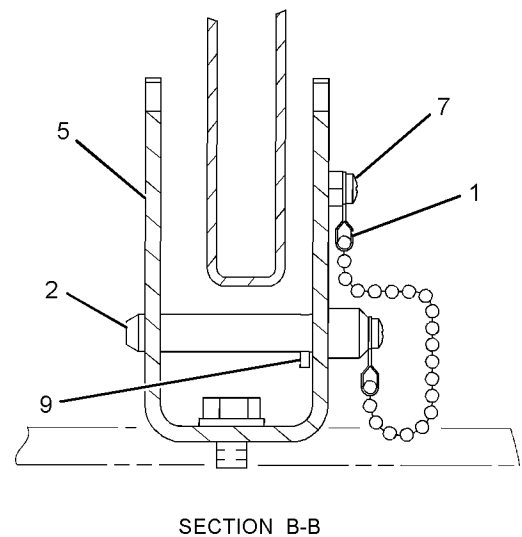
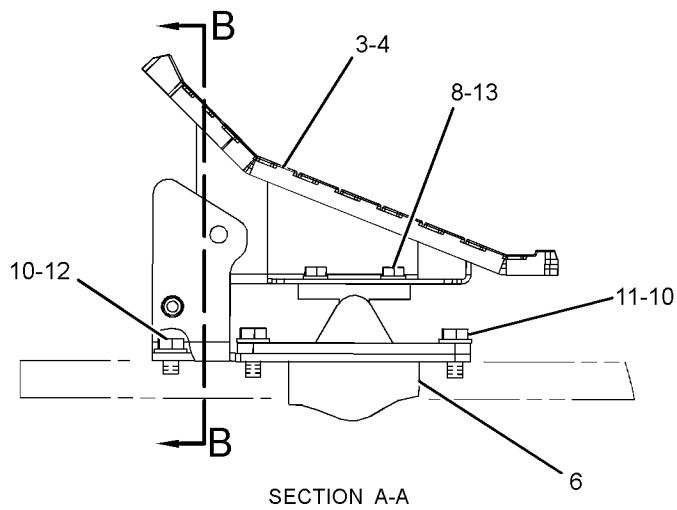
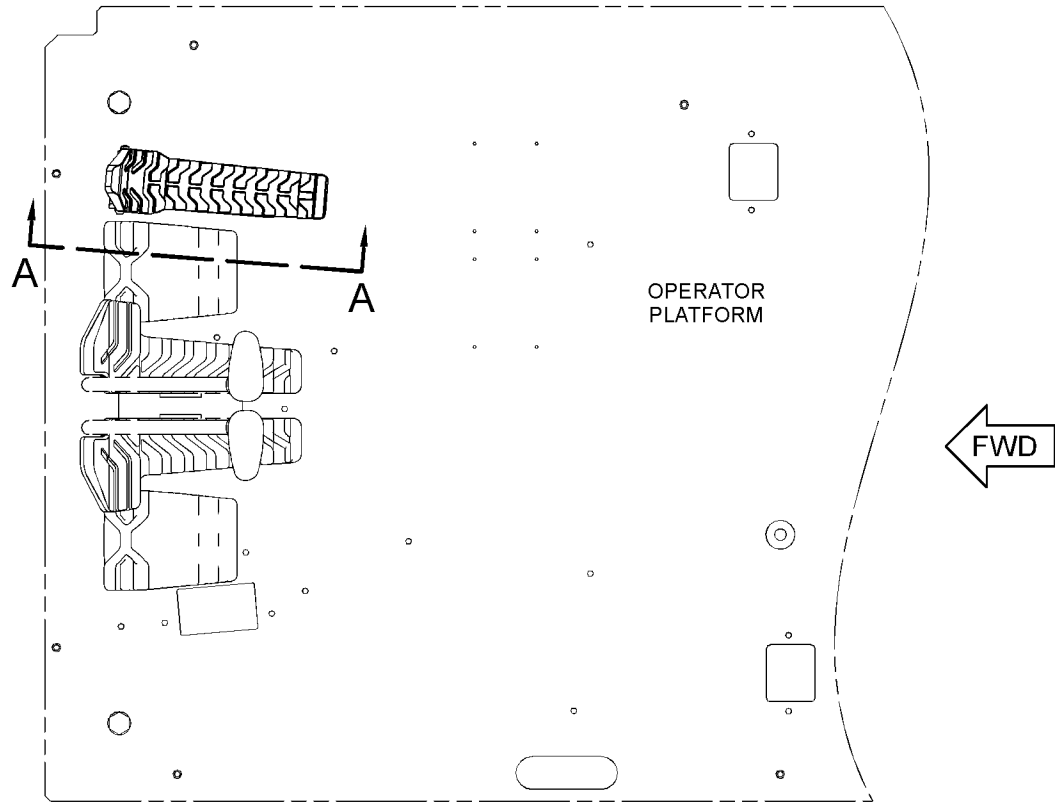
i02518115

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5I-7090	1	CHAIN AS						
	2	1	128-2173	1	PIN						
	3	1	135-2274	1	PEDAL - RUBBER						
	4	1	164-0614	1	PEDAL AS						
	5	1	164-0617	1	SUPPORT AS						
	6	1	206-3336	1	VALVE GP-PILOT (THIRD PEDAL, STRAIGHT TRAVEL)						
		1	190-7819	2	SPRING						
M	7	1	095-0735	2	SCREW-MACHINE (M5X0.8X8-MM)						
M	8	1	7X-2536	2	BOLT (M8X1.25X14-MM)						
	9	1	8T-0114	1	PIN-SPRING						
	10	1	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)						
M	11	1	8T-4136	2	BOLT (M10X1.5X25-MM)						
M	12	1	8T-4191	1	BOLT (M10X1.5X16-MM)						
	13	1	8T-4224	2	WASHER-HARD (8.8X16X2-MM THK)						

OPERATOR STATION

259-7179 CONTROL GP-HYDRAULIC PEDAL (contd.)

i02518115



GRAPHIC #1

<END>

g01182505

OPERATOR STATION

270-5951 CONTROL GP-JOYSTICK-LH

S/N: A6F1-UP; A8F1-UP

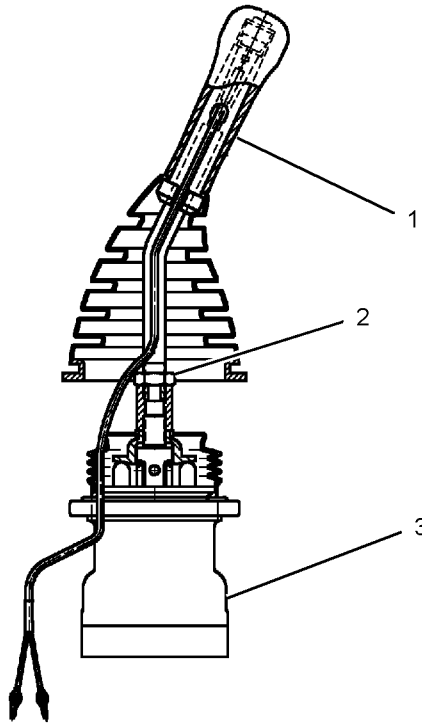
PART OF 259-7707 CONTROL GP-PILOT OPERATED HYD
AN ATTACHMENT

SMCS-5705

i02600636

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	235-8969	1	CONTROL GP-HANDLE (LH)	667
M	2	1	7Y-8463	1	NUT (M14X2-THD)	
Y	3	1	285-1327	1	VALVE GP-PILOT (JOYSTICK)	526

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01136372

OPERATOR STATION

270-5952 CONTROL GP-JOYSTICK-RH

S/N: A6F1-UP; A8F1-UP

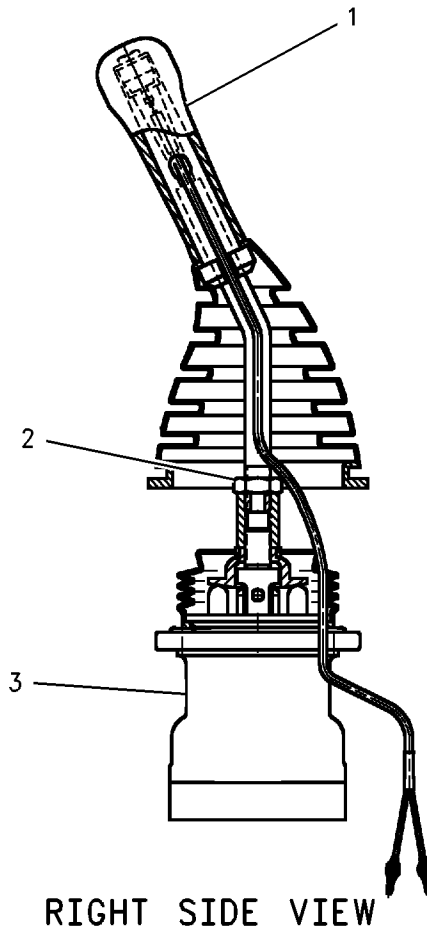
PART OF 259-7707 CONTROL GP-PILOT OPERATED HYD
AN ATTACHMENT

SMCS-5705

i02600632

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	235-8970	1	CONTROL GP-HANDLE (RH)	668
M	2	1	7Y-8463	1	NUT (M14X2-THD)	
Y	3	1	285-1327	1	VALVE GP-PILOT (JOYSTICK)	526

M-METRIC PART
Y-SEPARATE ILLUSTRATION



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g00858428

OPERATOR STATION

259-7707 CONTROL GP-PILOT OPERATED HYD

S/N: A6F1-UP; A8F1-UP
AN ATTACHMENT

SMCS-5059

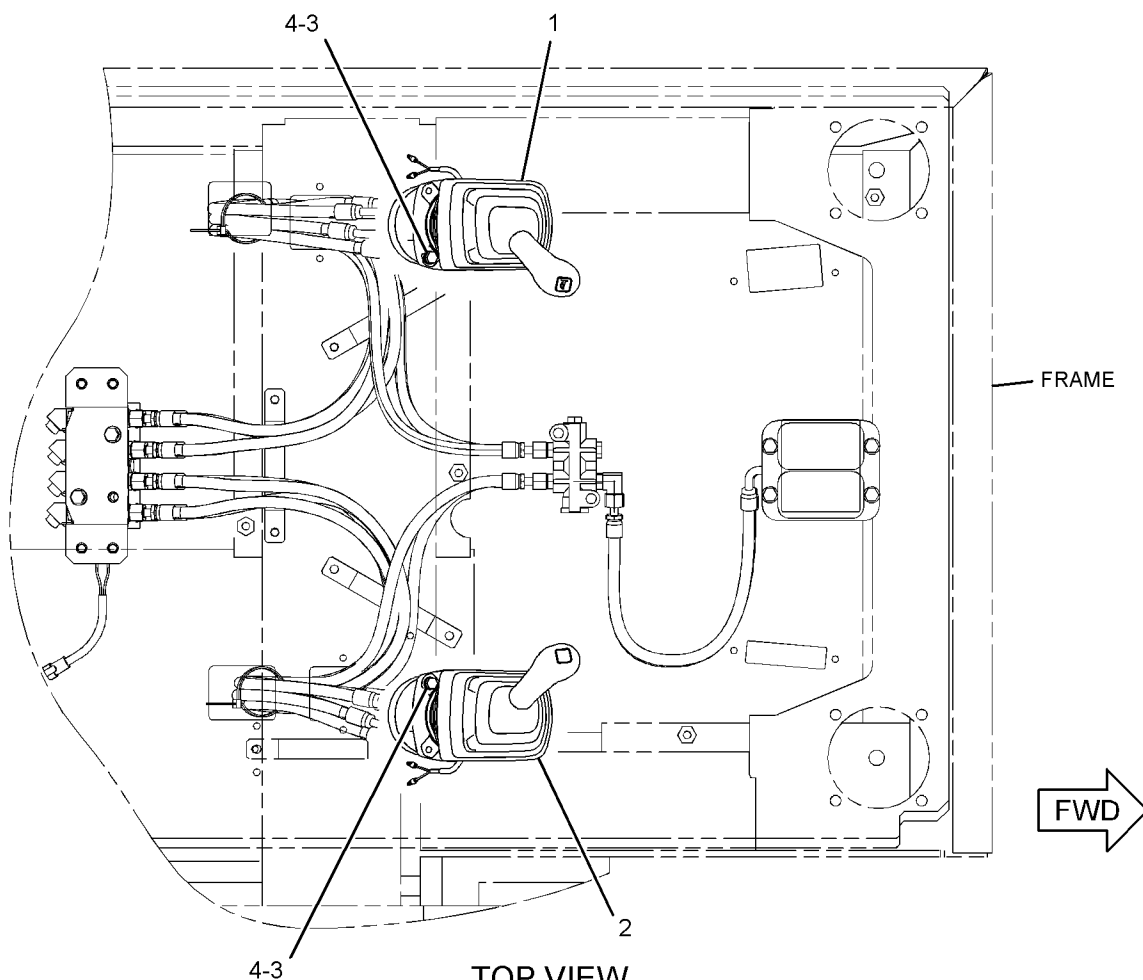
i02600631

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
CY	1	1	270-5951	1	CONTROL GP-JOYSTICK (LH)						674
CY	2	1	270-5952	1	CONTROL GP-JOYSTICK (RH)						675
M	3	1	6V-7357	6	BOLT (M6X1X25-MM)						
	4	1	9X-8256	6	WASHER (6.6X12X2-MM THK)						

C- CHANGE FROM PREVIOUS TYPE

M- METRIC PART

Y- SEPARATE ILLUSTRATION



GRAPHIC #1

TOP VIEW
<END>

g01239046

OPERATOR STATION

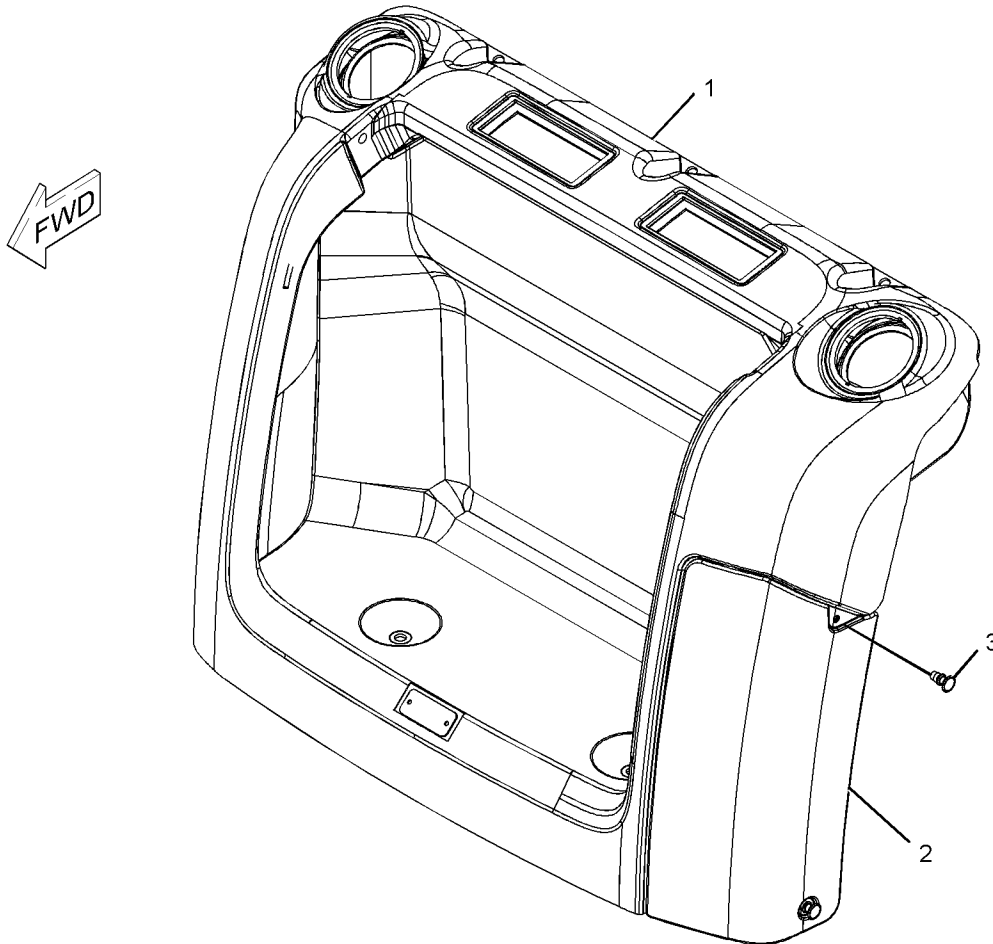
234-6501 COVER GP-CAB-REAR

S/N: A6F1-UP; A8F1-UP
PART OF 296-5190 CAB GP
AN ATTACHMENT

SMCS-7301, 7308

i02501339

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	234-6499	1	COVER AS						
	2	1	234-6502	1	COVER						
	3	1	245-7929	2	CLIP						



GRAPHIC #1

<END>

g01122718

OPERATOR STATION

234-6500 COVER GP-STORAGE

S/N: A6F1-UP; A8F1-UP

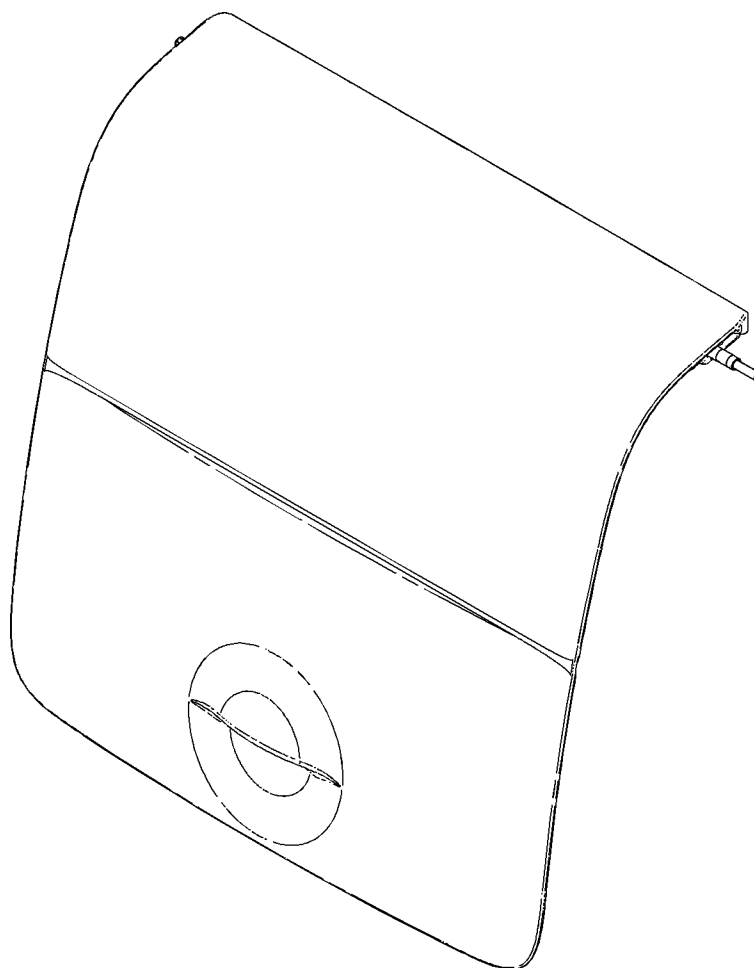
LUNCHBOX LID

AN ATTACHMENT

SMCS-7268

i02502121

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



GRAPHIC #1

<END>

g01092876

OPERATOR STATION

139-7100 DOOR GP - CAB

S/N: A6F1-UP; A8F1-UP
PART OF 229-9099 CAB GP
AN ATTACHMENT

SMCS-7308

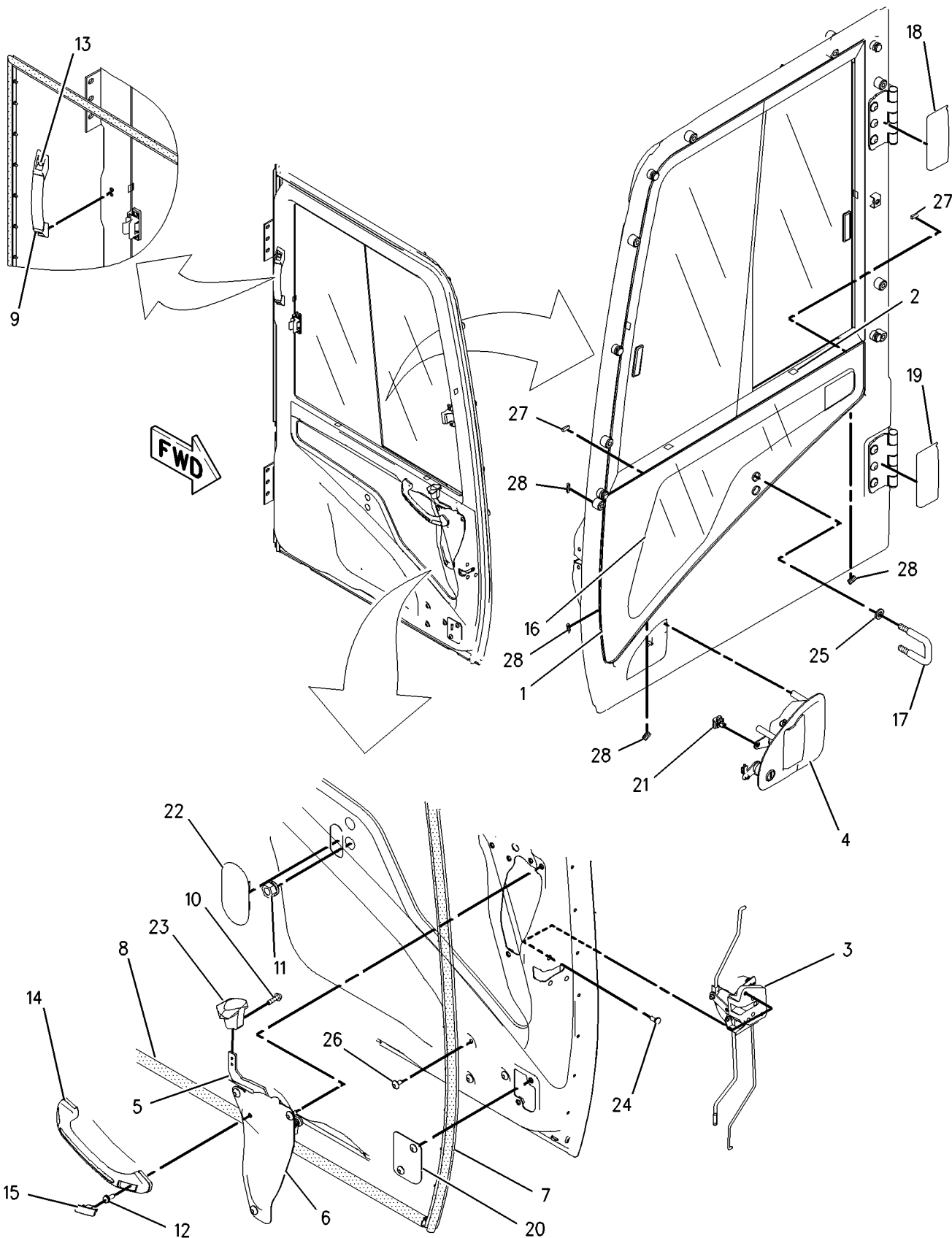
i01895781

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	151-6792	1	WINDOW GP-DOOR						718
	2	1	151-9461	4	SPACER						
	3	1	156-6600	1	LOCK AS						
		1	164-0514	1	CLIP						
		1	164-0519	1	CLIP						
	4	1	156-6645	1	HANDLE AS						
		1	201-4391	1	CLIP						
	5	1	161-3639	1	HANDLE AS						
	6	1	161-3650	1	COVER AS						
	7	1	161-3663	1	SEAL AS						
		1	151-9497	45	CLIP						
	8	1	161-3665	1	SEAL						
	9	1	189-2690	1	HANDLE AS						
M	10	1	096-2622	2	SCREW-MACHINE (M4X0.7X8-MM)						
M	11	1	096-3884	2	NUT-SPRING						
M	12	1	101-8899	2	SCREW AS						
M	13	1	101-8900	2	SCREW AS						
	14	1	151-6703	1	HANDLE-PULL						
	15	1	151-6704	2	CAP						
	16	1	156-6471	1	GLASS						
	17	1	156-6598	1	HOOK						
	18	1	156-6643	1	COVER						
	19	1	156-6644	1	COVER						
	20	1	161-3699	1	COVER						
	21	1	164-0515	1	JOINT						
	22	1	167-7039	1	GROMMET						
	23	1	4I-4286	1	KNOB						
M	24	1	185-8180	3	SCREW (M6X1X16-MM)						
	25	1	189-2711	2	WASHER (8.5X16X2.3-MM THK)						
M	26	1	9X-2042	10	SCREW-TRUSS HEAD						
	27	1	178-5574	2	SPACER						
	28	1	178-5573	4	SPACER						
M-METRIC PART											
Y-SEPARATE ILLUSTRATION											

OPERATOR STATION

139 - 7100 DOOR GP - CAB (contd.)

i01895781



GRAPHIC #1

<END>

g00986674

OPERATOR STATION

229-9082 DUCT GP-CAB AIR

S/N: A6F1-UP; A8F1-UP

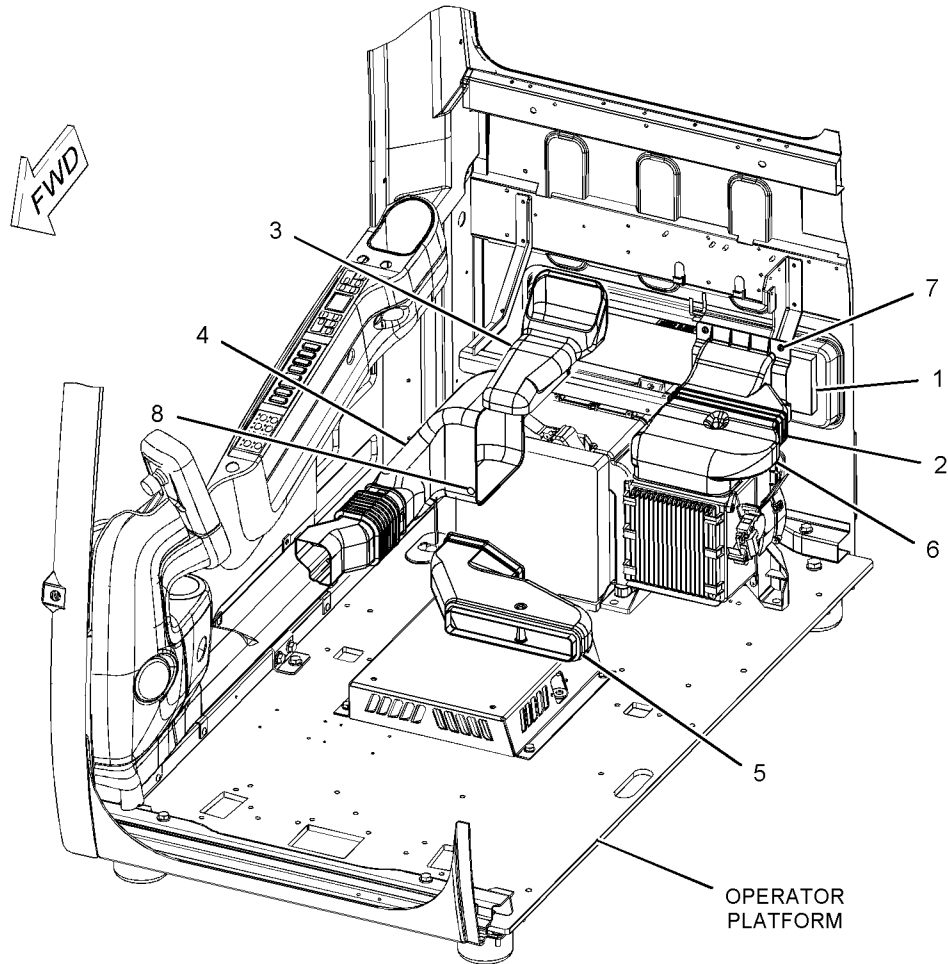
PART OF 235-9003 AIR CONDITIONER AR
AN ATTACHMENT

SMCS-734D

i02746639

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	293-1183	1	FILTER AS-AIR (CAB)						
		1	293-1184	1	FILTER-AIR (CAB)						
	2	1	235-8876	1	DUCT AS (FRESH AIR, UPPER)						
		1	245-7872	1	INSULATOR						
	3	1	235-8877	1	DUCT AS (VENT, REAR)						
		1	245-7792	1	INSULATOR						
	4	1	235-8878	1	DUCT AS (VENT, FRONT)						
		1	245-7793	1	INSULATOR						
	5	1	235-8879	1	DUCT AS (FLOOR)						
		1	245-7873	1	INSULATOR						
	6	1	240-5074	1	DUCT AS (FRESH AIR, LOWER)						
		1	245-7791	1	INSULATOR						
M	7	1	101-8899	2	SCREW AS (M6X1X16-MM)						
	8	1	176-1996	5	CLIP						

M-METRIC PART



GRAPHIC #1

<END>

g01098322

OPERATOR STATION

240-5071 FLOOR MAT GP

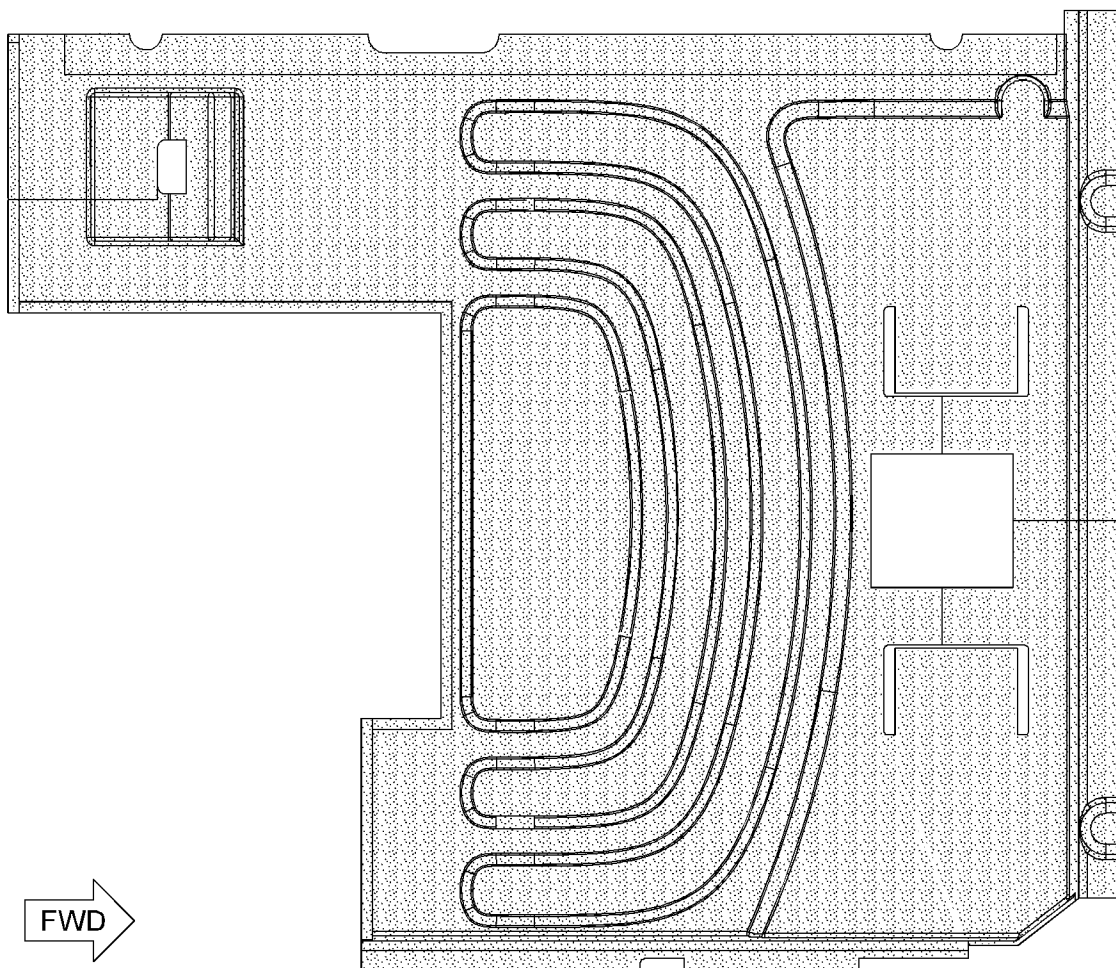
S/N: A6F1-UP; A8F1-UP

FIELD REPLACEMENT FOR 245-7794—PAGE 684, 245-7795—PAGE 685
AN ATTACHMENT

SMCS-7265, 726M

i02605554

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



GRAPHIC #1

<END>

g01305327

OPERATOR STATION

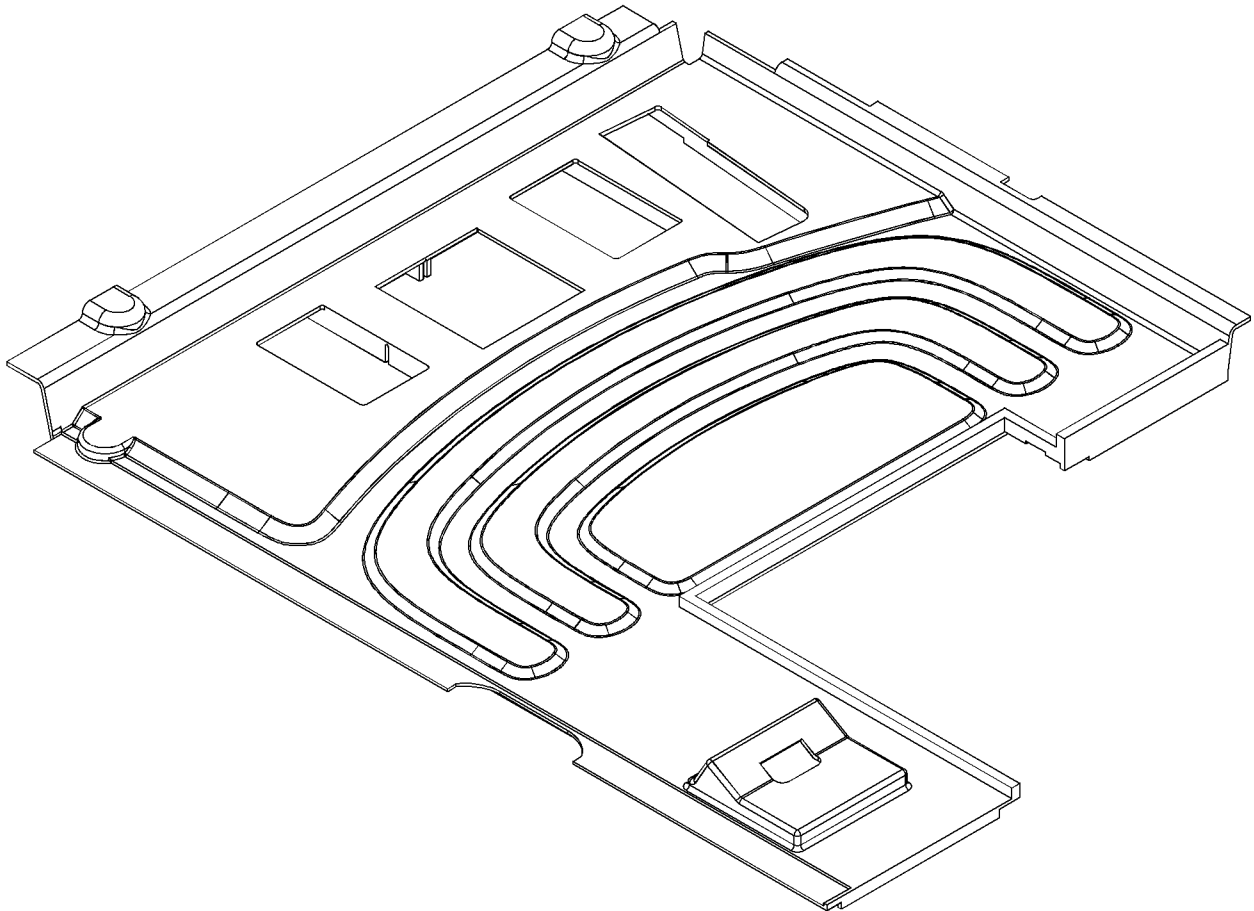
240-5073 FLOOR MAT GP

S/N: A6F1-UP; A8F1-UP
AN ATTACHMENT

SMCS-7265, 726M

i02567759

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



GRAPHIC #1

<END>

g01124624

OPERATOR STATION

245 - 7794 FLOOR MAT GP

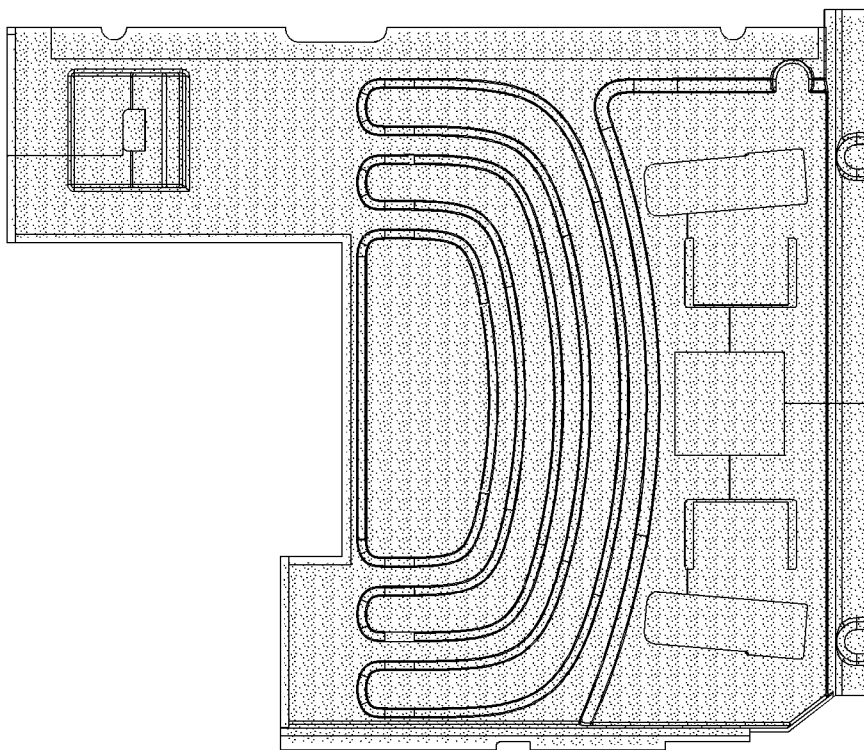
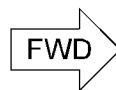
S/N: A6F1-UP; A8F1-UP

FIELD REPLACEMENT ORDER 240-5071-PAGE 682
AN ATTACHMENT

SMCS-7265, 726M

i02663086

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



TOP VIEW

GRAPHIC #1

<END>

g01125036

OPERATOR STATION

245 - 7795 FLOOR MAT GP

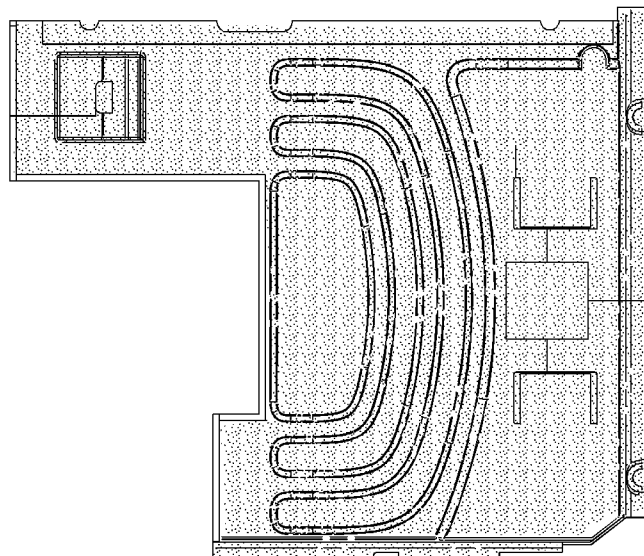
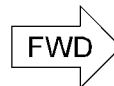
S/N: A6F1-UP; A8F1-UP

FIELD REPLACEMENT ORDER 240-5071-PAGE 682
AN ATTACHMENT

SMCS-7265, 726M

i02663102

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



TOP VIEW

GRAPHIC #1

<END>

g01123303

OPERATOR STATION

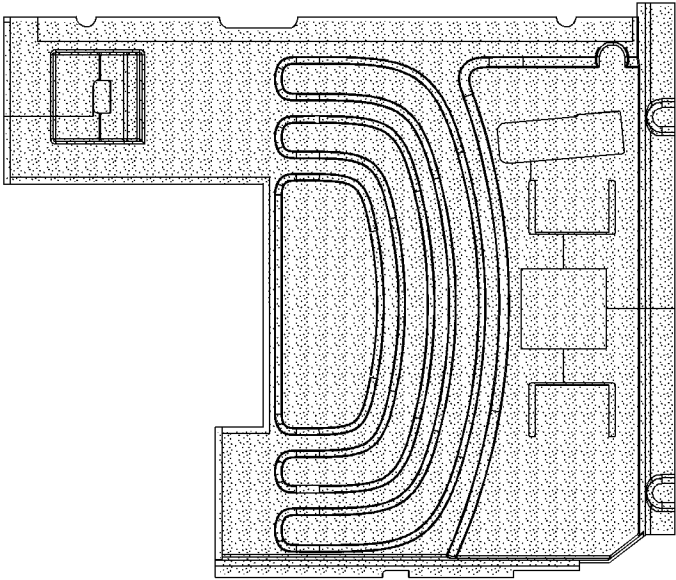
245 - 7796 FLOOR MAT GP

S/N: A6F1-UP; A8F1-UP
AN ATTACHMENT

SMCS-7265, 726M

i02663106

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



TOP VIEW

GRAPHIC #1

<END>

g01123305

OPERATOR STATION

264 - 8648 GUARD AR - VANDALISM

S/N: A6F1-UP; A8F1-UP
CANNOT BE USED WITH 264-8649—PAGE 687
AN ATTACHMENT

SMCS-7315

i02789576

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	207-0160	1	GUARD GP - VANDALISM						689
Y	273-7727	1	STORAGE GP - VANDALISM GUARD						245
Y - SEPARATE ILLUSTRATION									
<END>									

264 - 8649 GUARD AR - VANDALISM

S/N: A6F1-UP; A8F1-UP
CANNOT BE USED WITH 264-8648—PAGE 687, 161-3750—PAGE 715
AN ATTACHMENT

SMCS-7315

i02789490

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	207-0159	1	GUARD GP -VANDALISM (CAB)						688
Y	273-7727	1	STORAGE GP -VANDALISM GUARD						245
Y-SEPARATE ILLUSTRATION									
<END>									

OPERATOR STATION

207-0159 GUARD GP-VANDALISM

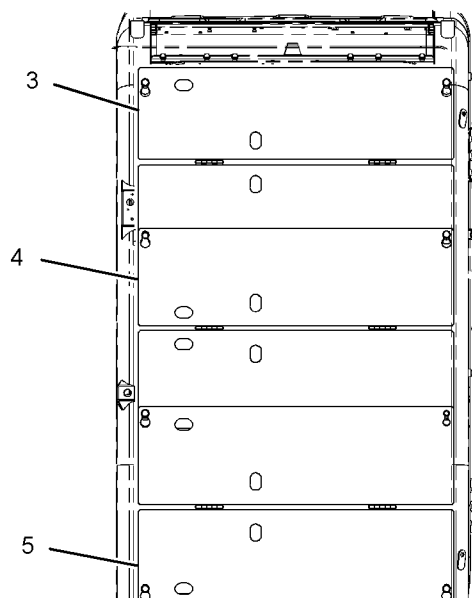
S/N: A6F1-UP; A8F1-UP
PART OF 264-8649 GUARD AR-VANDALISM
AN ATTACHMENT

SMCS-7315

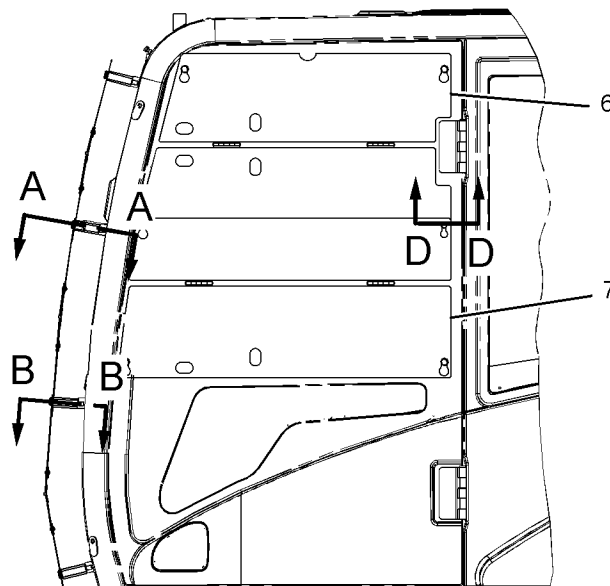
i02111041

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7Y-8621	6	PIN						
	2	1	7Y-8622	1	PIN						
	3	1	207-0161	1	GUARD AS						
		1	8H-2282	2	HINGE						
	4	1	207-0164	1	GUARD AS						
		1	8H-2282	2	HINGE						
	5	1	207-0167	1	GUARD AS						
		1	8H-2282	2	HINGE						
	6	1	207-0170	1	GUARD AS						
		1	8H-2282	2	HINGE						
	7	1	207-0173	1	GUARD AS						
		1	8H-2282	2	HINGE						
M	8	1	8T-4200	2	BOLT (M8X1.25X16-MM)						
	9	1	8T-4224	2	WASHER-HARD (8.8X16X2-MM THK)						

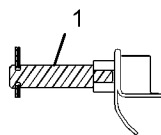
M-METRIC PART



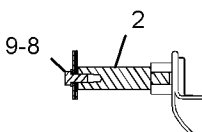
FRONT VIEW



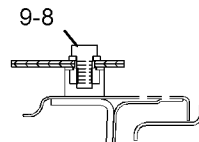
LEFT SIDE VIEW



SECTION A-A



SECTION B-B
<END>



SECTION D-D

GRAPHIC #1

g01079377

OPERATOR STATION

207-0160 GUARD GP-VANDALISM

S/N: A6F1-UP; A8F1-UP

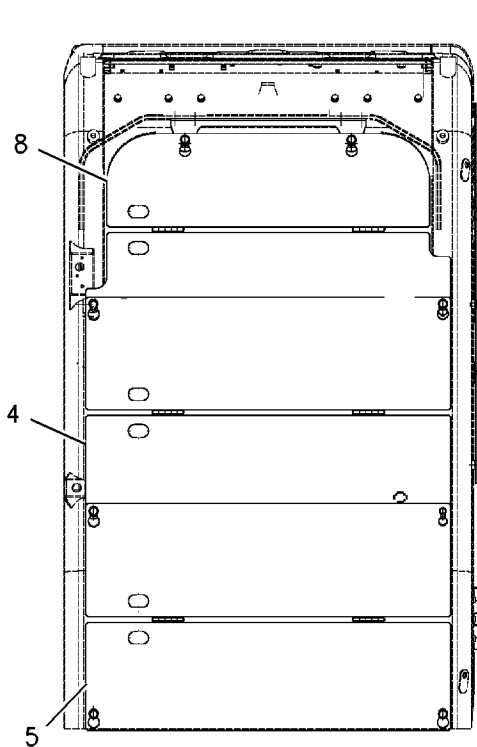
PART OF 264-8648 GUARD AR-VANDALISM
AN ATTACHMENT

SMCS-7315

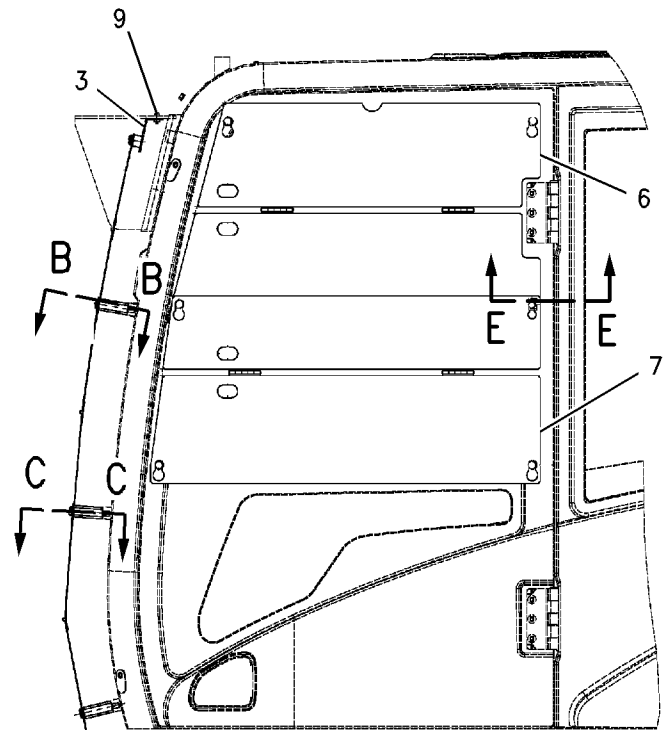
i02570565

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7Y-8621	4	PIN						
	2	1	7Y-8622	1	PIN						
	3	1	164-0643	1	BRACKET AS						
	4	1	207-0164	1	GUARD AS						
		1	8H-2282	2	HINGE						
	5	1	207-0167	1	GUARD AS						
		1	8H-2282	2	HINGE						
	6	1	207-0170	1	GUARD AS						
		1	8H-2282	2	HINGE						
	7	1	207-0173	1	GUARD AS						
		1	8H-2282	2	HINGE						
	8	1	207-0176	1	GUARD AS						
		1	240-5025	2	HINGE						
M	9	1	8T-4138	4	BOLT (M6X1X20-MM)						
M	10	1	8T-4200	2	BOLT (M8X1.25X16-MM)						
	11	1	8T-4224	2	WASHER-HARD (8.8X16X2-MM THK)						

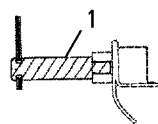
M-METRIC PART



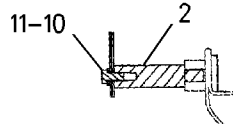
FRONT VIEW



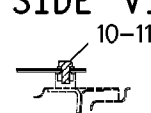
LEFT SIDE VIEW



SECTION B-B



SECTION C-C



SECTION E-E

GRAPHIC #1

<END>

g00880379

OPERATOR STATION

139 - 7099 HATCH GP - ROOF

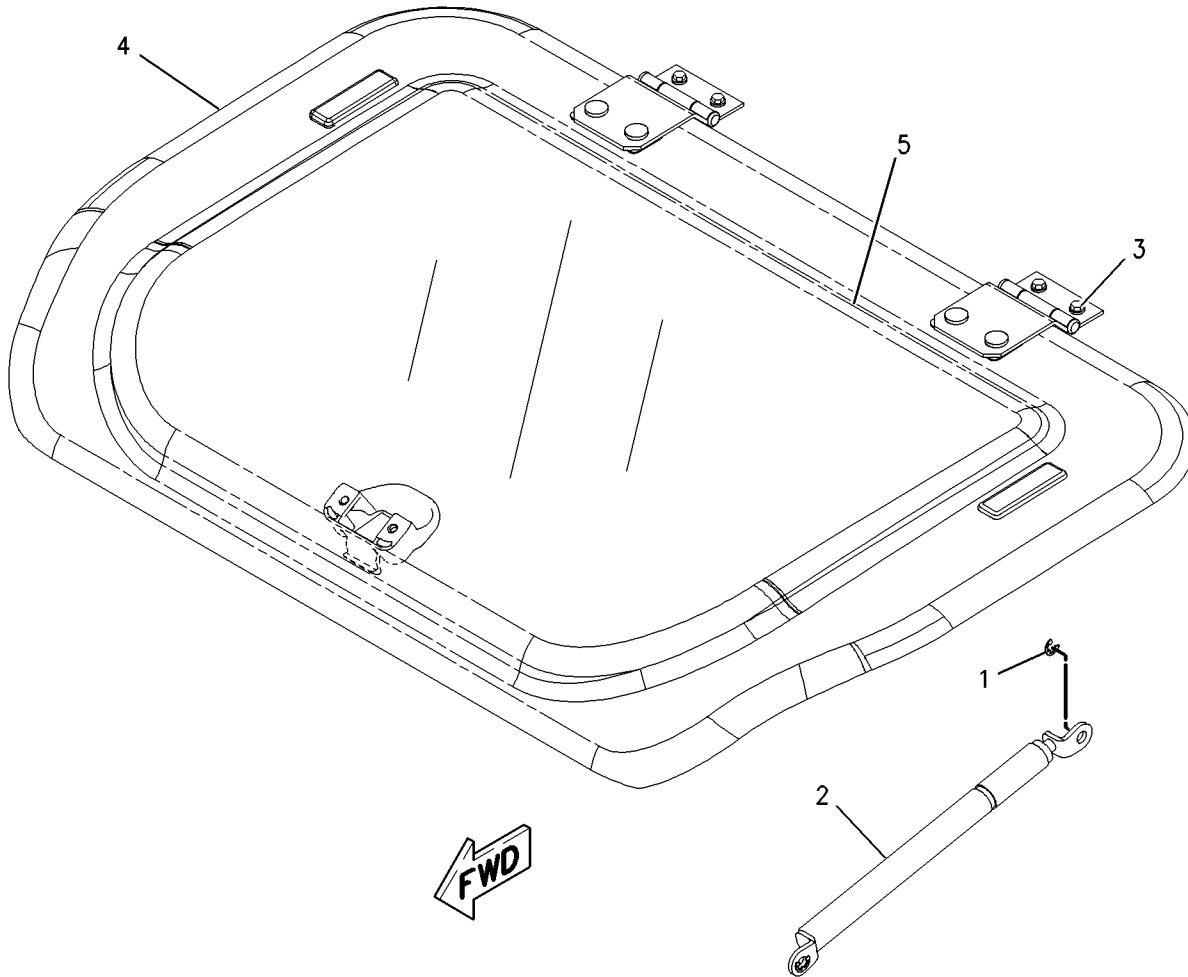
S/N: A6F1-UP; A8F1-UP
PART OF 229-9099 CAB GP
AN ATTACHMENT

SMCS-7303

i01891973

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2Y-5685	4	RING-RETAINING						
	2	1	099-3506	2	SPRING AS-GAS						
M	3	1	105-2169	4	BOLT AS (M8X1.25X16-MM)						
CY	4	1	189-2849	1	HATCH GP-ROOF						691
C	5	1	189-2847	1	SEAL						

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



GRAPHIC #1

<END>

g00737364

OPERATOR STATION

189-2849 HATCH GP-R00F

S/N: A6F1-UP; A8F1-UP

PART OF 139-7099 HATCH GP-R00F
AN ATTACHMENT

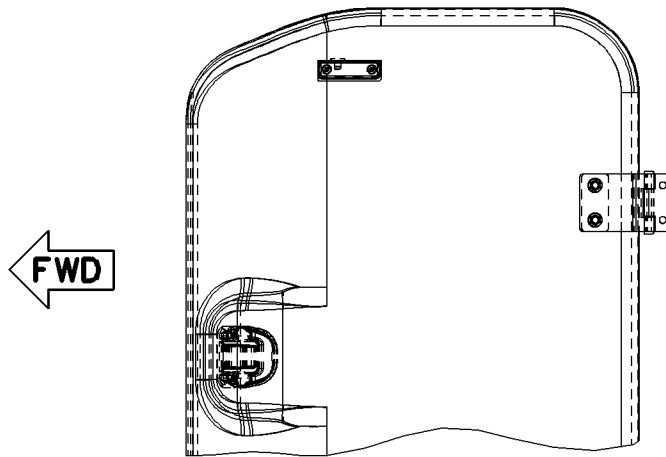
SMCS-7303

i01891991

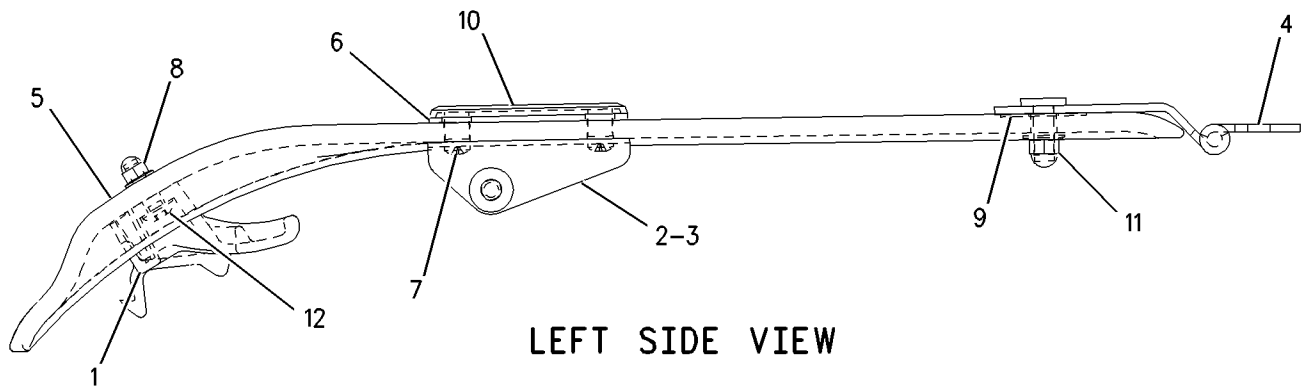
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	161-3694	1	CATCH						
	2	1	189-2693	1	BRACKET AS (RH)						
	3	1	189-2694	1	BRACKET AS (LH)						
	4	1	189-2716	2	HINGE AS						
Z	5	1		1	COVER						
	6	1	085-6449	2	PACKING						
M	7	1	100-2881	4	SCREW- TRUSS HEAD						
	8	1	171-7477	2	NUT						
	9	1	4I-1260	2	PACKING						
	10	1	4I-4361	2	RETAINER						
M	11	1	6I-5342	4	NUT (M8X1.25-THD)						
M	12	1	9X-2045	2	SCREW- TRUSS HEAD (M6X1X20-MM)						

M- METRIC PART

Z- NOT SERVICED SEPARATELY



TOP VIEW



LEFT SIDE VIEW

GRAPHIC #1

<END>

g00986370

OPERATOR STATION

267-8071 HORN GP-ELECTRIC

S/N: A6F1-UP; A8F1-UP

PART OF 264-8638, 264-8639 CHASSIS AR

SMCS-7402

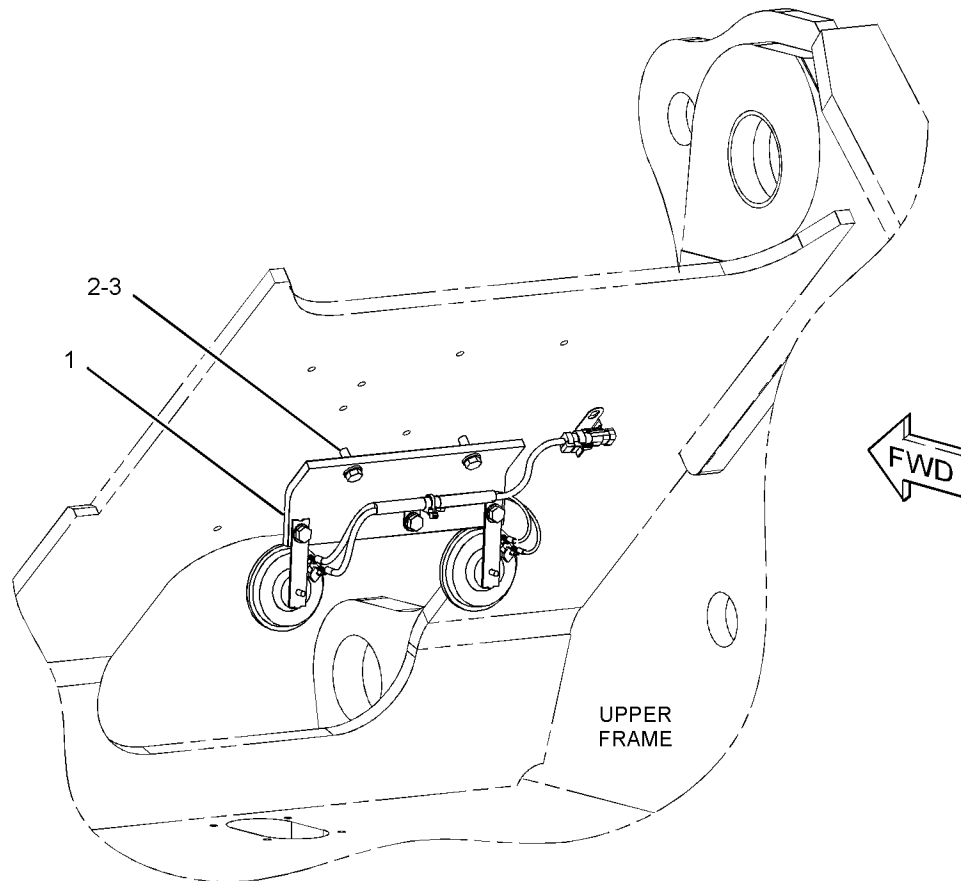
i02752416

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
CY	1	1	291-7559	1	HORN GP-ELECTRIC	693
	2	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)	
M	3	1	8T-4195	2	BOLT (M10X1.5X30-MM)	

C- CHANGE FROM PREVIOUS TYPE

M- METRIC PART

Y- SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01289732

OPERATOR STATION

291 - 7559 HORN GP - ELECTRIC

S/N: A6F1-UP; A8F1-UP

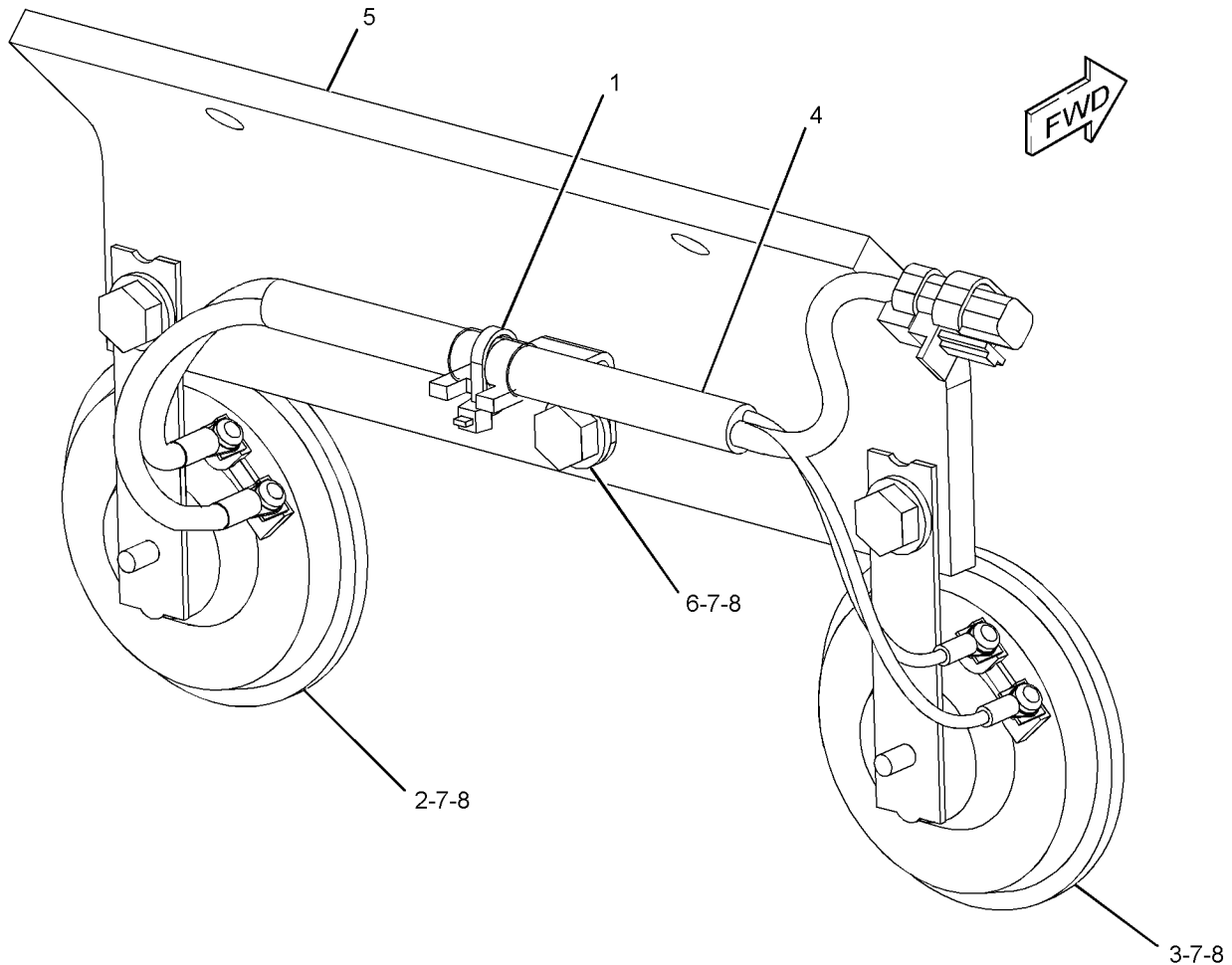
PART OF 267-8071 HORN GP-ELECTRIC

SMCS-7402

i02752433

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	1	STRAP - CABLE						
	2	1	7Y-3919	1	HORN AS (24-VOLT)						
		1	095-0826	2	LOCKWASHER						
M		1	095-7930	2	SCREW-MACHINE (M4X0.07X6-MM)						
	3	1	7Y-3920	1	HORN AS (24-VOLT)						
		1	095-0826	2	LOCKWASHER						
M		1	095-7930	2	SCREW-MACHINE (M4X0.07X6-MM)						
	4	1	291-7560	1	HARNESS AS-CHASSIS (HORN)						
		1	3S-2093	1	STRAP - CABLE						
		1	230-4011	1	PLUG AS-CONNECTOR (2-PIN)						
	5	1	291-7561	1	BRACKET						
	6	1	132-5789	1	CLIP						
	7	1	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)						
M	8	1	8T-4191	3	BOLT (M10X1.5X16-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01302495

OPERATOR STATION

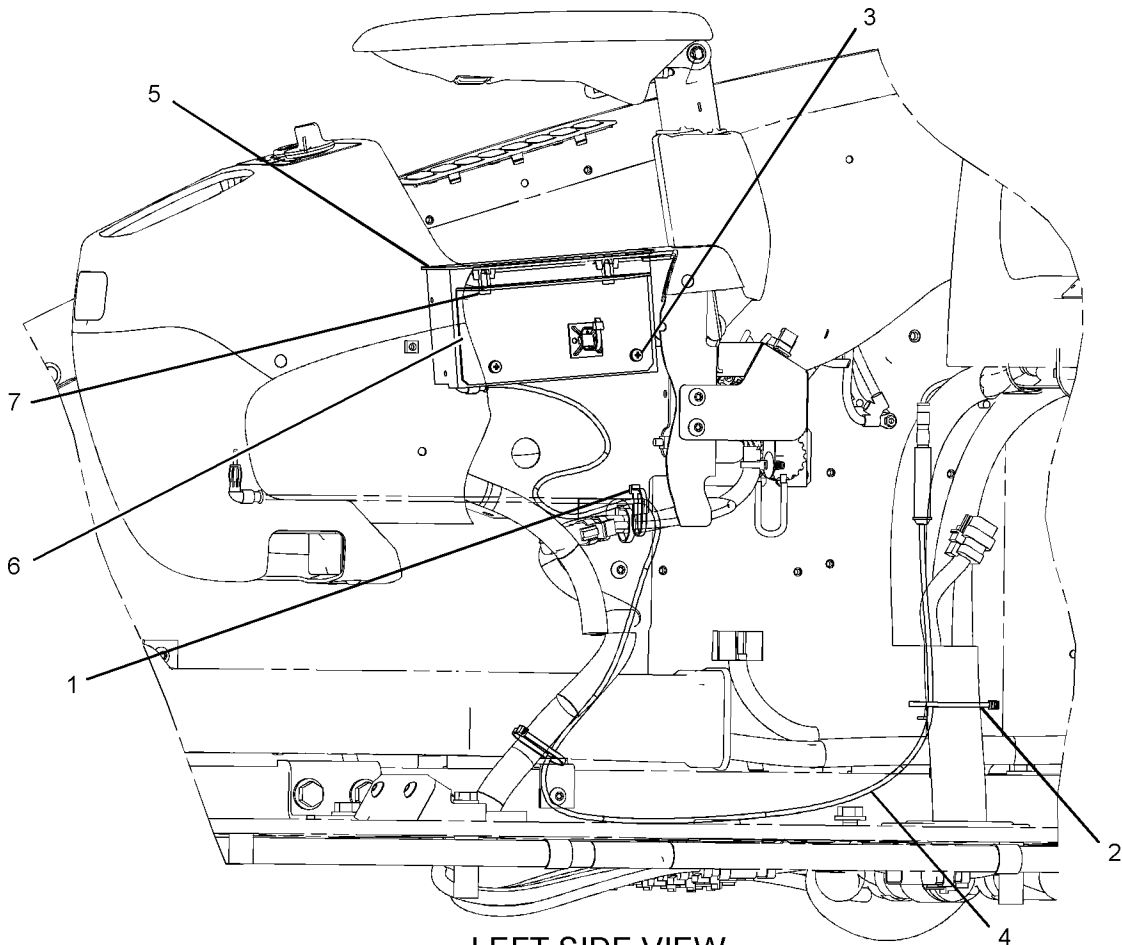
251-0538 INSTALLATION GP-RADIO

S/N: A6F1-UP; A8F1-UP
AN ATTACHMENT

SMCS-7338

i02507066

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	2	STRAP-CABLE						
	2	1	7K-1181	2	STRAP-CABLE						
	3	1	106-2704	2	SCREW AS						
	4	1	238-2260	1	CABLE						
	5	1	251-0539	1	RADIO-AM/FM						
	6	1	259-4914	1	BRACKET AS						
	7	1	119-5026	2	SCREW-PAN HEAD (10-16X0.63-IN)						



LEFT SIDE VIEW

<END>

GRAPHIC #1

g01225602

OPERATOR STATION

284-4386 LINES GP-AIR CONDITIONER

S/N: A6F1-UP; A8F1-UP

PART OF 264-8638, 264-8639 CHASSIS AR

SMCS-1808

i02775472

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4I-4580	1	FITTING						
	2	1	7I-0375	1	ELBOW						
	3	1	7K-1181	2	STRAP-CABLE						
	4	1	122-9605	2	JOINT						
	5	1	122-9657	2	CLAMP						
	6	1	130-0252	2	HOSE-DRAIN						
	7	1	155-7024	2	SPACER-SPECIAL						
	8	1	176-1902	1	RECEIVER DRYER AS (REFRIGERANT)						
	9	1	235-8891	1	PLATE						
	10	1	235-9014	8	CLAMP-HOSE						
	11	1	235-9015	2	HOSE						
	12	1	245-7756	1	TUBE AS						
		1	121-7138	2	SEAL-O-RING						
	13	1	245-7757	1	HOSE AS						
		1	121-7138	2	SEAL-O-RING						
		1	130-0270	1	SWITCH AS-PRESSURE (REFRIGERANT)						
		1	185-8293	1	SEAL-O-RING						
	14	1	245-7758	1	HOSE AS						
		1	121-7136	2	SEAL-O-RING						
		1	245-7851	1	PLUG						
	15	1	273-5400	1	HOSE AS						
		1	121-7137	2	SEAL-O-RING						
		1	245-7850	1	PLUG						
	16	1	293-1230	1	SUPPORT AS						
	17	1	095-0913	1	CLIP						
	18	1	100-4336	3	CLIP						
	19	1	121-7098	1	BRACKET AS						
M		1	8T-4138	2	BOLT (M6X1X20-MM)						
		1	9X-8256	2	WASHER (6.6X12X2-MM THK)						
	20	1	132-5789	1	CLIP						
	21	1	4I-3503	1	GROMMET						
	22	1	4S-1962	6	CLIP						
	23	1	6D-1641	12	CLIP						
	24	1	6D-3479	1	CLIP						
	25	1	6V-3265	1	CLIP						
M	26	1	6V-7357	5	BOLT (M6X1X25-MM)						
	27	1	6W-7293	1	GROMMET						
	28	1	8M-2773	1	CLIP						
M	29	1	8T-3647	1	BOLT (M8X1.25X80-MM)						
	30	1	8T-4121	24	WASHER-HARD (11X21X2.5-MM THK)						
M	31	1	8T-4136	2	BOLT (M10X1.5X25-MM)						
M	32	1	8T-4137	23	BOLT (M10X1.5X20-MM)						
M	33	1	8T-4191	1	BOLT (M10X1.5X16-MM)						
M	34	1	8T-4200	2	BOLT (M8X1.25X16-MM)						
	35	1	8T-4224	3	WASHER-HARD (8.8X16X2-MM THK)						
M	36	1	8T-4971	21	BOLT (M6X1X30-MM)						
	37	1	9X-8256	7	WASHER (6.6X12X2-MM THK)						
E	38	1	5P-0767		HOSE (380-CM)						
E	38A	1	5P-0767		HOSE (310-CM)						
E	40	1	225-5707		GUARD (15-CM EACH)						
E	40A	1	225-5707		GUARD (22-CM)						
E	41	1	225-5714		GUARD (75-CM)						
E	41A	1	225-5714		GUARD (55-CM)						

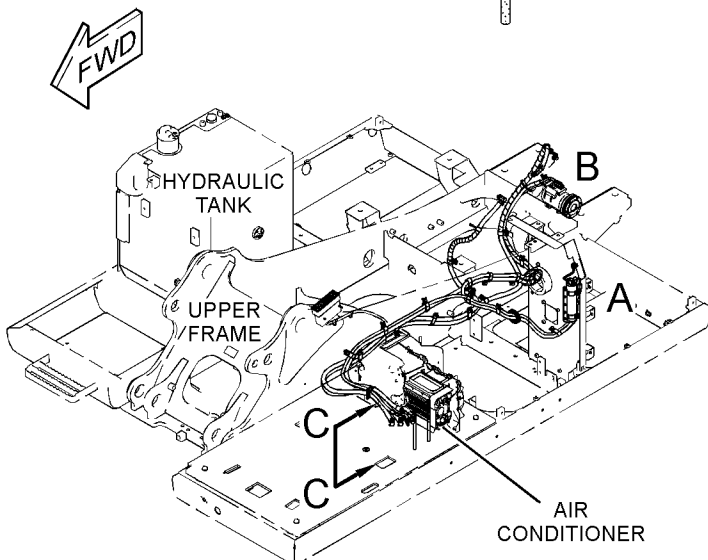
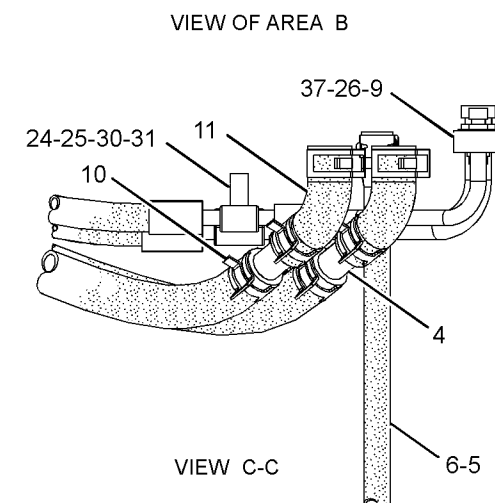
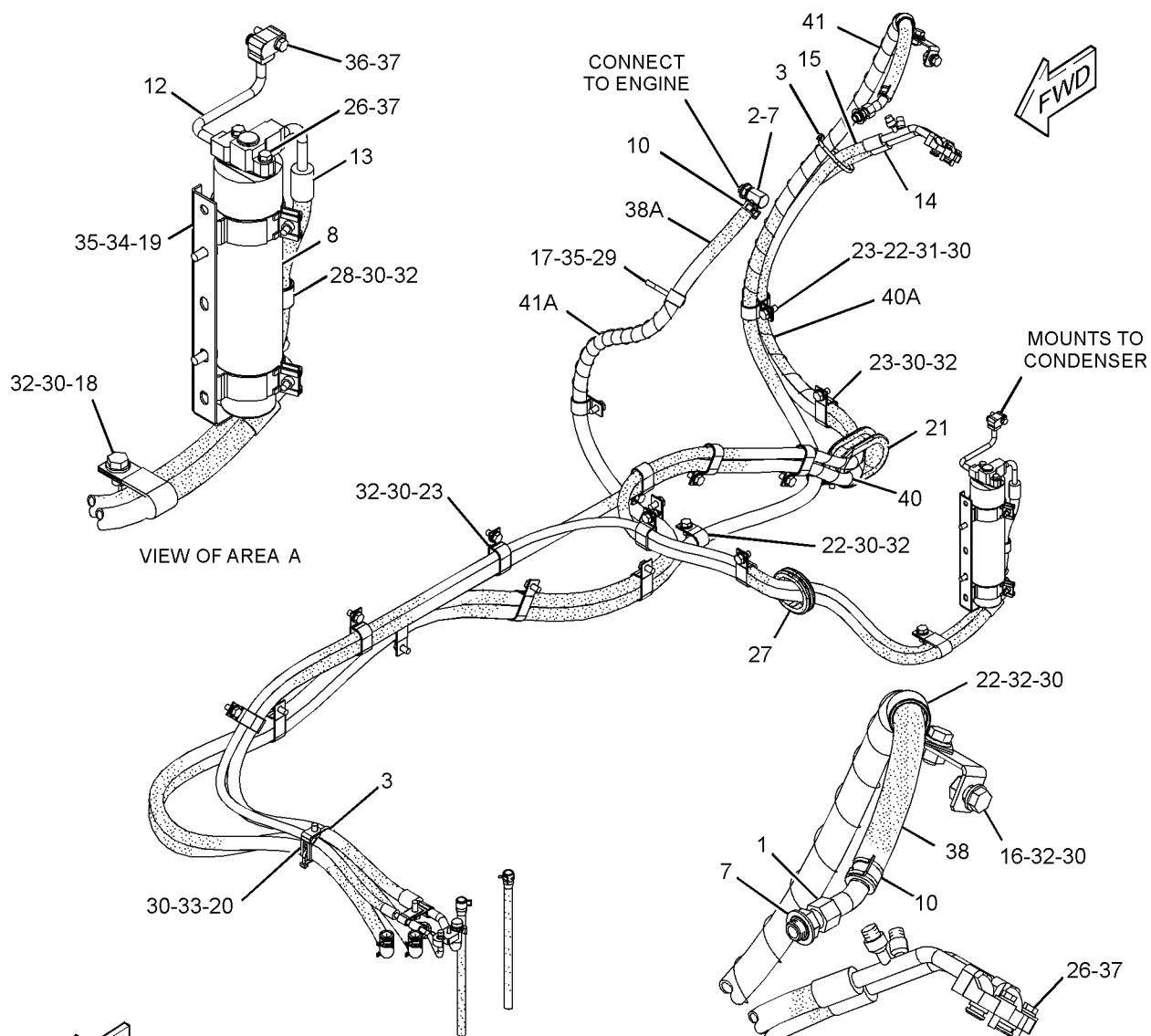
E-ORDER BY THE CENTIMETER

M-METRIC PART

OPERATOR STATION

284-4386 LINES GP-AIR CONDITIONER (contd.)

i02775472



GRAPHIC #1

<END>

g01390847

OPERATOR STATION

7Y-0059 LITERATURE GP

S/N: A6F1-UP; A8F1-UP

PART OF 264-8638, 264-8639 CHASSIS AR

SMCS-7300

i00831590

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	099-3645	1	CABLE - LANYARD						
	5P-8500	2	KEY						
	5P-7958	2	SLEEVE - CABLE SPLICE						
<END>									

OPERATOR STATION

142-3836 MIRROR GP-REAR VIEW

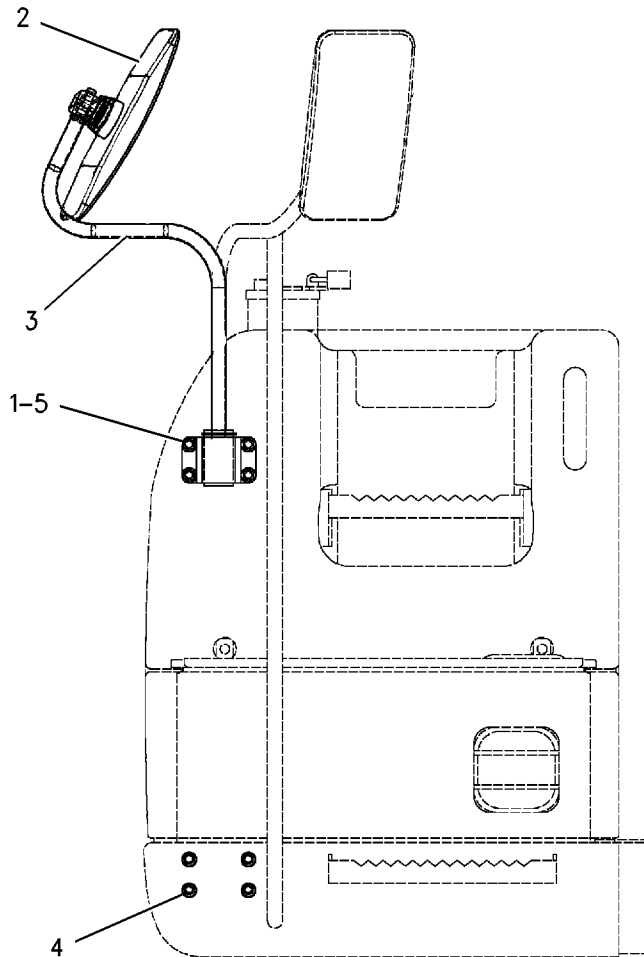
S/N: A6F1-UP; A8F1-UP

PART OF 264-8638, 264-8639 CHASSIS AR

SMCS-7319

i02770409

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	2M-0849	4	WASHER-HARD (13.5X25.5X5-MM THK)	
	2	1	137-2270	1	MIRROR	
	3	1	165-3065	1	BRACKET GP-MIRROR	
	4	1	177-6315	4	PLUG	
M	5	1	8T-4192	4	BOLT (M12X1.75X25-MM)	
M-METRIC PART						



FRONT VIEW

<END>

GRAPHIC #1

g00682738

OPERATOR STATION

221-8813 MONITOR & MTG GP-OPERATOR

S/N: A6F1-UP; A8F1-UP

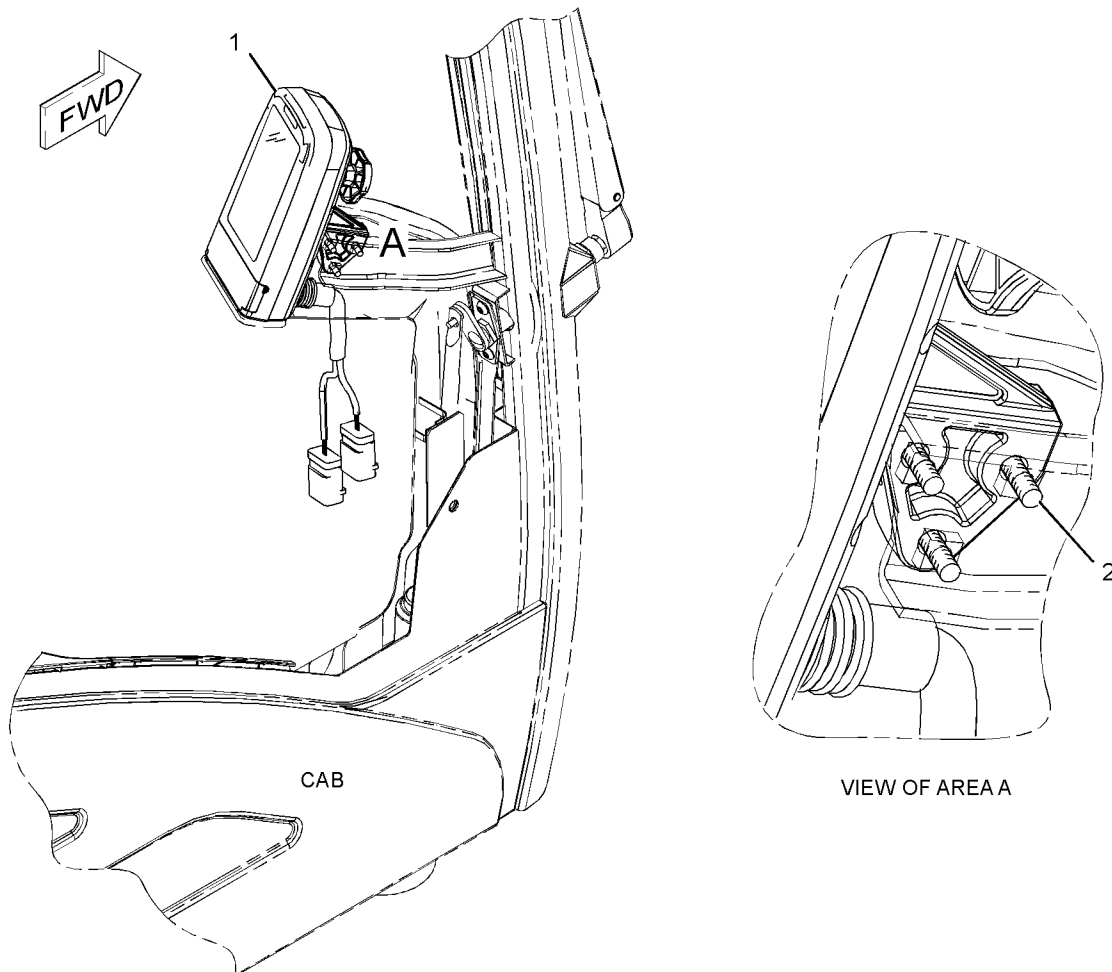
PART OF 296-5189 CAB GP, 273-5387 OPERATOR AR
ALSO AN ATTACHMENT

SMCS-7490

i02489583

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	260-2193	1	MONITOR GP-OPERATOR	700
M	2	1	9X-2046	3	SCREW- TRUSS HEAD (M6X1X35-MM)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01231835

OPERATOR STATION

260-2193 MONITOR GP- OPERATOR

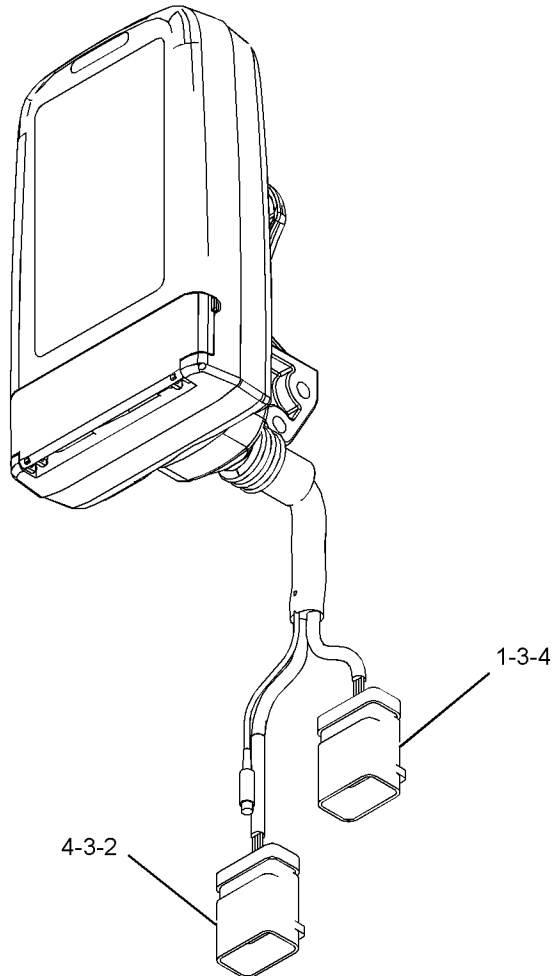
S/N: A6F1-UP; A8F1-UP

PART OF 221-8813 MONITOR & MTG GP-OPERATOR, 290-9515 SERVICE GP-MONITOR
ALSO AN ATTACHMENT

SMCS-7490

i02489585

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	247-2694	1	RECEPTACLE AS-CONNECTOR (12-PIN)	
	2	1	247-2695	1	RECEPTACLE AS-CONNECTOR (12-PIN)	
	3	1	9X-3401	17	PIN-CONNECTOR (16-GA TO 18-GA)	
					-OR-	
		1	126-1767	17	PIN-CONNECTOR (14-GA)	
	4	1	8T-8737	7	PLUG-SEAL	



GRAPHIC #1

<END>

g01232266

OPERATOR STATION

290-9466 MOUNTING GP-ANTENNA-PRODUCT LINK

S/N: A6F1-UP; A8F1-UP

PART OF 264-8665, 264-8666 INSTALLATION AR-COMMUNICATION
AN ATTACHMENT

SMCS-7338, 7606

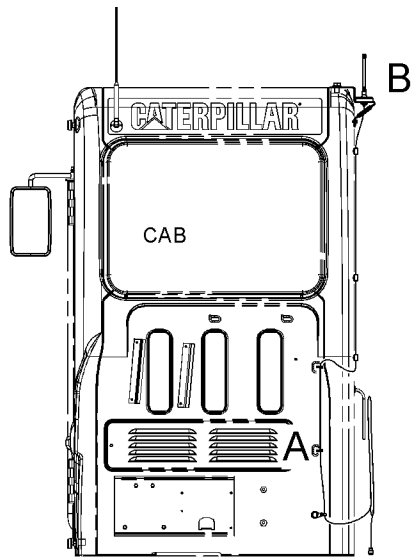
i02789419

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	2	STRAP - CABLE						
	2	1	266-2861	1	ANTENNA AS (PRODUCT LINK)						
		1	223-4296	1	ANTENNA (WHIP)						
	3	1	270-5433	1	BRACKET						
	4	1	095-0910	3	CLIP						
	5	1	096-3872	1	GROMMET						
	6	1	111-4836	1	CLIP						
	7	1	161-6987	3	WASHER-HARD (5.2X16X1.5-MM THK)						
M	8	1	8C-7581	3	SCREW-MACHINE (M4X0.7X8-MM)						
	9	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						
M	10	1	8T-4137	1	BOLT (M10X1.5X20-MM)						
M	11	1	8T-4171	1	BOLT (M6X1X12-MM)						
M	12	1	8T-4190	1	BOLT (M16X2X25-MM)						
	13	1	9X-6165	1	WASHER (6.5X22X2.5-MM THK)						
	14	1	9X-8257	1	WASHER (17.5X30X3.5-MM THK)						
M-METRIC PART											

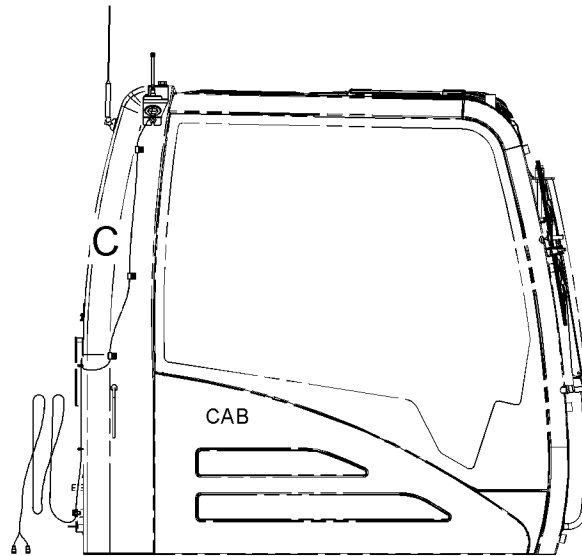
OPERATOR STATION

290-9466 MOUNTING GP-ANTENNA (contd.)

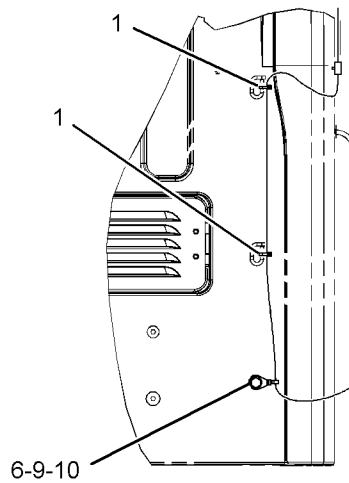
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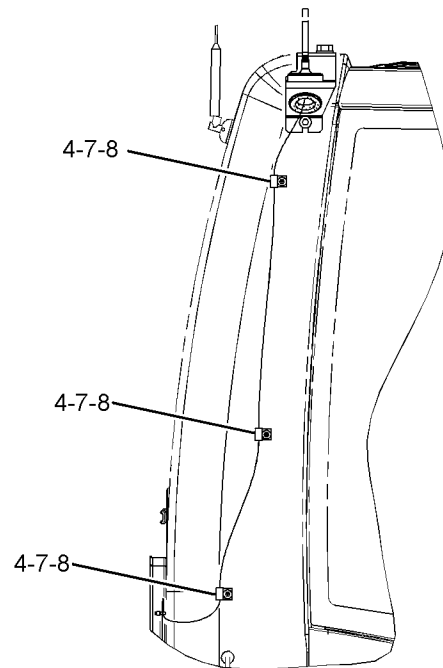
REAR VIEW



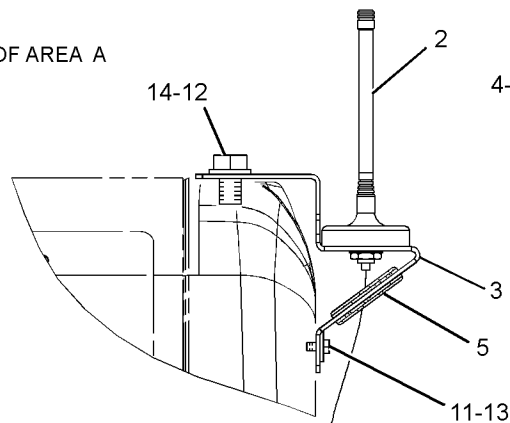
RIGHT SIDE VIEW



VIEW OF AREA A



VIEW OF AREA C



VIEW OF AREA B

GRAPHIC #1

<END>

g01395996

OPERATOR STATION

245-7811 MOUNTING GP - PLATFORM

S/N: A6F1-UP; A8F1-UP
PART OF 264-8638, 264-8639 CHASSIS AR

SMCS-7253

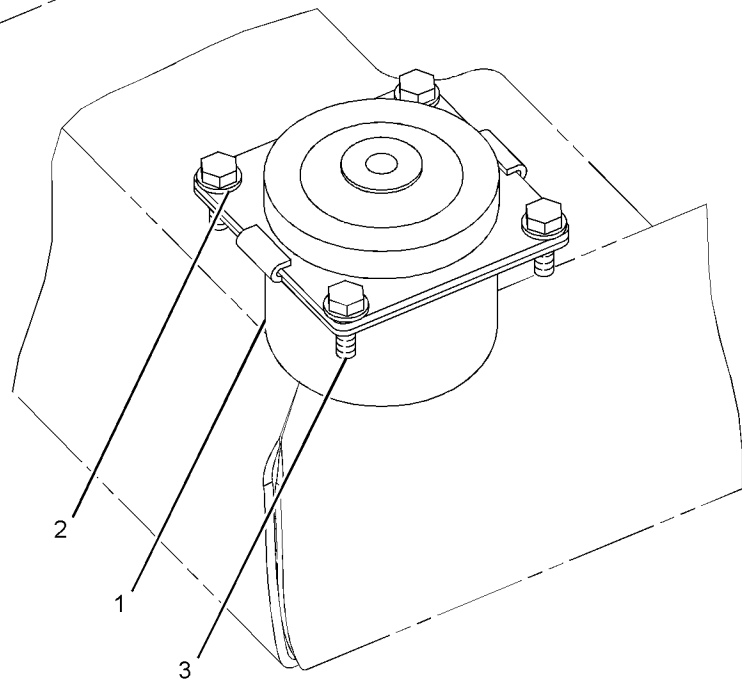
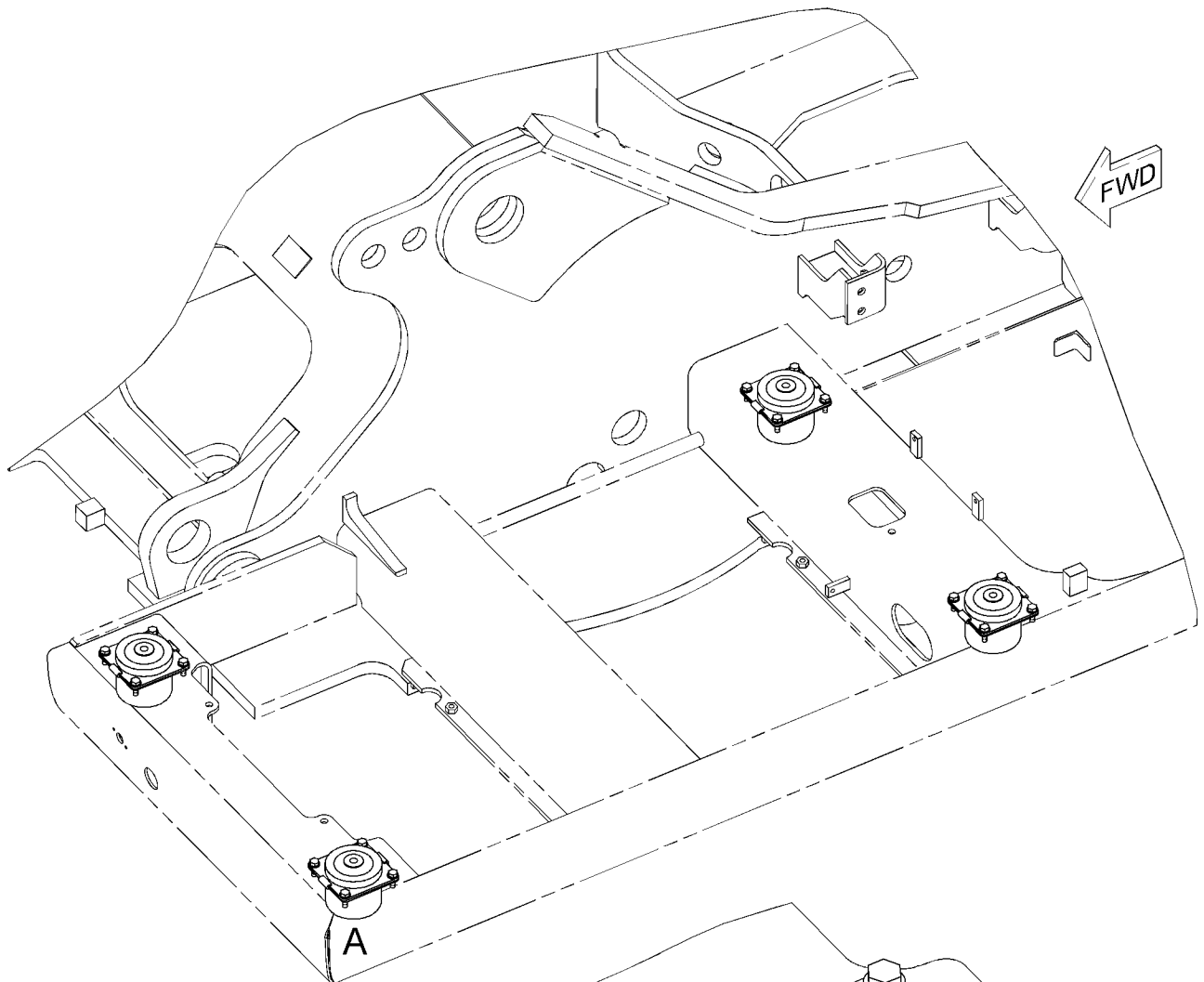
i02495888

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	235-8862	4	MOUNT AS	
	2	1	8T-4121	16	WASHER-HARD (11X21X2.5-MM THK)	
M	3	1	8T-4195	16	BOLT (M10X1.5X30-MM)	
M-METRIC PART						

OPERATOR STATION

245-7811 MOUNTING GP-PLATFORM (contd.)

i02495888



VIEW OF AREA A

GRAPHIC #1

<END>

g01101486

OPERATOR STATION

273-5387 OPERATOR AR

S/N: A6F1-UP; A8F1-UP

PART OF 264-8638, 264-8639 CHASSIS AR

SMCS-7301

i02771616

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	245-7922	1	CONSOLE GP-OPERATOR						659
Y	221-8872	1	CONTROL & MTG GP-MACHINE						129
Y	170-9497	1	CONTROL GP-HANDLE (TRAVEL)						666
Y	221-8813	1	MONITOR & MTG GP-OPERATOR						699
Y	259-5176	1	PANEL & MTG GP-CIRCUIT BREAKER						148
Y	229-9078	1	PLATFORM GP-OPERATOR						706
Y	235-8856	1	SUPPORT GP-SEAT						711
Y	259-5161	1	WIRING GP-CAB						172
Y	251-0433	1	WIRING GP-CONSOLE						188
Y	275-7003	1	WIRING GP-PLATFORM						205

Y-SEPARATE ILLUSTRATION

<END>

259-7178 PEDAL AR-AUXILIARY-THIRD PEDAL, STRAIGHT TRAVEL

S/N: A6F1-UP; A8F1-UP

AN ATTACHMENT

SMCS-5059

i02790655

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	259-7179	1	CONTROL GP-HYDRAULIC PEDAL						672
Y	251-0526	1	FASTENER GP-WIRING HARNESS (STRAIGHT TRAVEL)						135
Y	255-1843	1	LINES GP-PILOT (THIRD PEDAL, PILOT VALVE)						422
Y	260-7965	1	LINES GP-PILOT (CONTROL VALVE, TRAVEL VALVE)						424

127-5250 1 FILM-INSTRUCTION (TRAVEL CONTROLS)
(LOCATED IN CAB)

Y-SEPARATE ILLUSTRATION

<END>

OPERATOR STATION

229-9078 PLATFORM GP- OPERATOR

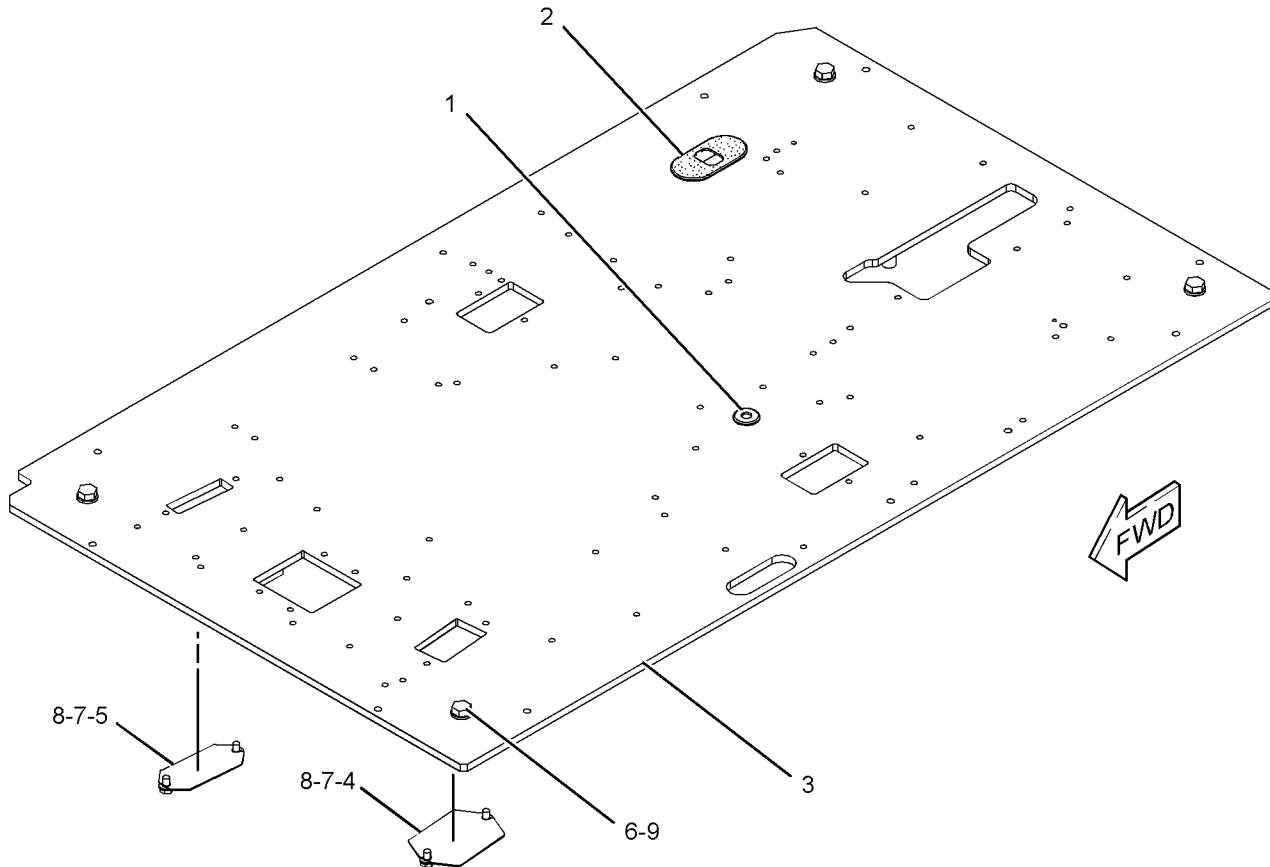
S/N: A6F1-UP; A8F1-UP
PART OF 273-5387 OPERATOR AR

SMCS-7253

i02489588

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	135-8965	1	GROMMET						
	2	1	135-8966	1	GROMMET						
	3	1	245-7916	1	PLATFORM AS						
	4	1	161-3717	1	STRIP						
	5	1	4I-3266	1	STRIP						
M	6	1	7X-2553	4	BOLT (M16X2X40-MM)						
	7	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	8	1	8T-4191	4	BOLT (M10X1.5X16-MM)						
	9	1	9X-8257	4	WASHER (17.5X30X3.5-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01188224

OPERATOR STATION

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

S/N: A6F1-UP; A8F1-UP

**PART OF 270-5511 INSTALLATION GP-COMMUNICATION
AN ATTACHMENT**

SMCS-733T

i02794877

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	311-8377	1	SOFTWARE GP-COMMUNICATION (PRODUCT LINK 121SR)						
<END>									

OPERATOR STATION

240-5003 SEAT & MOUNTING GP-HIGH BACK, TILT

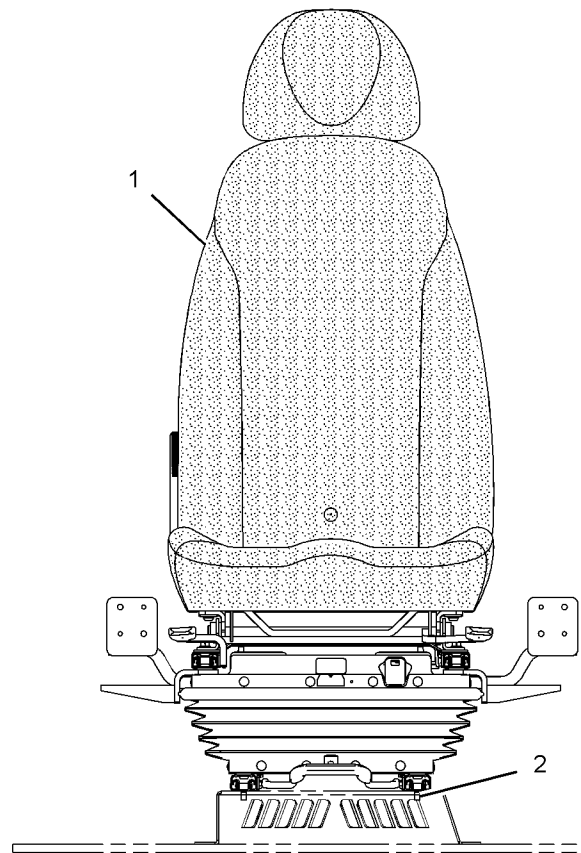
S/N: A6F1-UP; A8F1-UP
PART OF 242-3122 SEAT GP
AN ATTACHMENT

SMCS-7312

i02502634

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	229-9089	1	SEAT GP-SUSPENSION (HIGH BACK, TILT)	710
M	2	1	6V-8202	4	BOLT-SOCKET HEAD (M8X1.25X16-MM)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION



FRONT VIEW

GRAPHIC #1

<END>

g01172584

OPERATOR STATION

242-3122 SEAT GP-HIGH BACK, TILT

S/N: A6F1-UP; A8F1-UP

AN ATTACHMENT

SMCS-7312

i02502551

NOTE	PART NUMBER	QTY	PART NAME	SEE PAGE
			1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	240-5003	1	SEAT & MOUNTING GP (HIGH BACK, TILT)	708
	235-9020	1	SEAT BELT GP (RETRACTABLE, 3-IN)	
	8S-0934	1	LOCKNUT-FLANGE (7/16-20-THD)	
	8S-4723	1	BOLT (7/16-20X1.5-IN)	
	8S-4724	1	BOLT (7/16-20X2.25-IN)	
Y-SEPARATE ILLUSTRATION				

<END>

OPERATOR STATION

229-9089 SEAT GP-SUSPENSION-HIGH BACK, TILT

S/N: A6F1-UP; A8F1-UP

PART OF 240-5003 SEAT & MOUNTING GP
AN ATTACHMENT

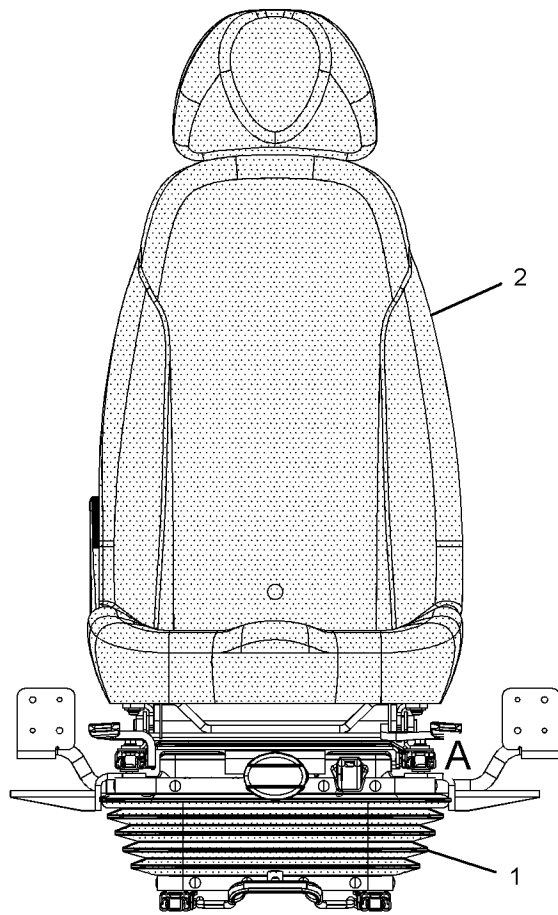
SMCS-7324, 7336

i02502695

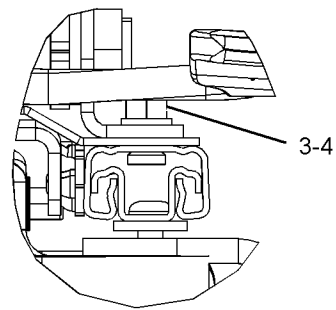
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	229-9077	1	SUSPENSION GP-SEAT	712
	2	1	229-9090	1	SEAT GP (HIGH BACK, TILT)	
		1	245-7884	1	KIT-SEAT	
		1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)	
		1	178-5659	1	HANDLE (LUMBAR SUPPORT ADJUSTER)	
		1	229-9094	1	HEADREST AS-SEAT	
		1	245-7887	1	LEVER-CONTROL	
		1	245-7898	4	SCREW-BUTTON HEAD (M8X1.25X25-MM)	
M		1	245-7888	1	KIT-SEAT SUPPORT	
M		1	5C-7261	4	NUT (M8X1.25-THD)	
		1	8T-4224	8	WASHER-HARD (8.8X16X2-MM THK)	
M		1	245-7898	4	SCREW-BUTTON HEAD (M8X1.25X25-MM)	
M	3	1	5C-7261	4	NUT (M8X1.25-THD)	
	4	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



FRONT VIEW



VIEW OF AREA A

GRAPHIC #1

<END>

g01172597

OPERATOR STATION

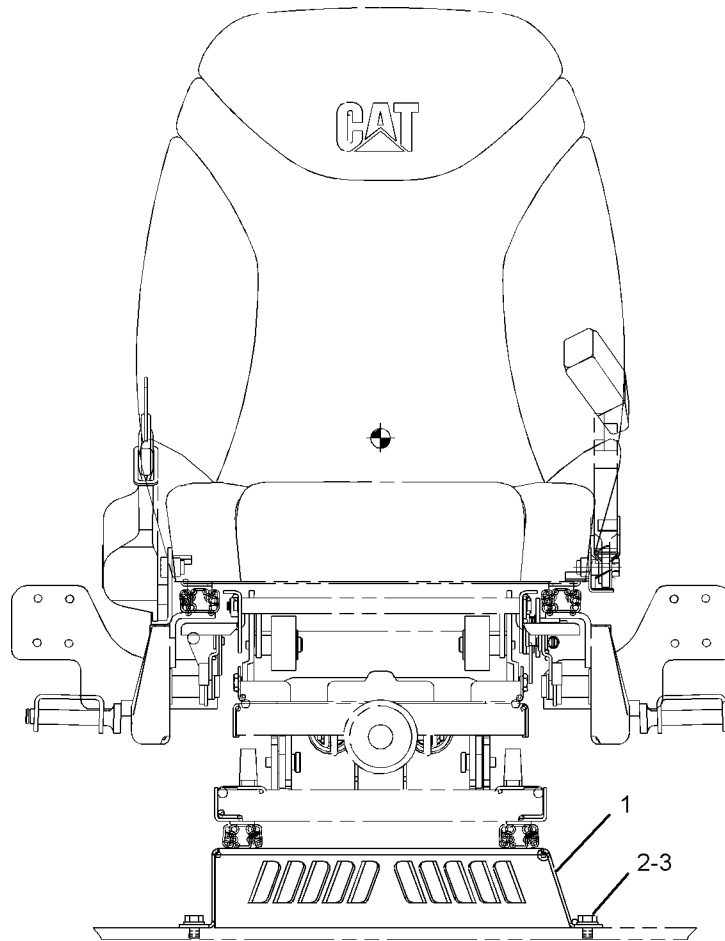
235 - 8856 SUPPORT GP - SEAT

S/N: A6F1-UP; A8F1-UP
PART OF 273-5387 OPERATOR AR

SMCS-7321

i02489649

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	235-8857	1	SUPPORT AS						
	2	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	3	1	8T-4191	4	BOLT (M10X1.5X16-MM)						
M-METRIC PART											



GRAPHIC #1

FRONT VIEW
<END>

g01097240

OPERATOR STATION

229-9077 SUSPENSION GP-SEAT

S/N: A6F1-UP; A8F1-UP
PART OF 229-9089 SEAT GP-SUSPENSION
AN ATTACHMENT

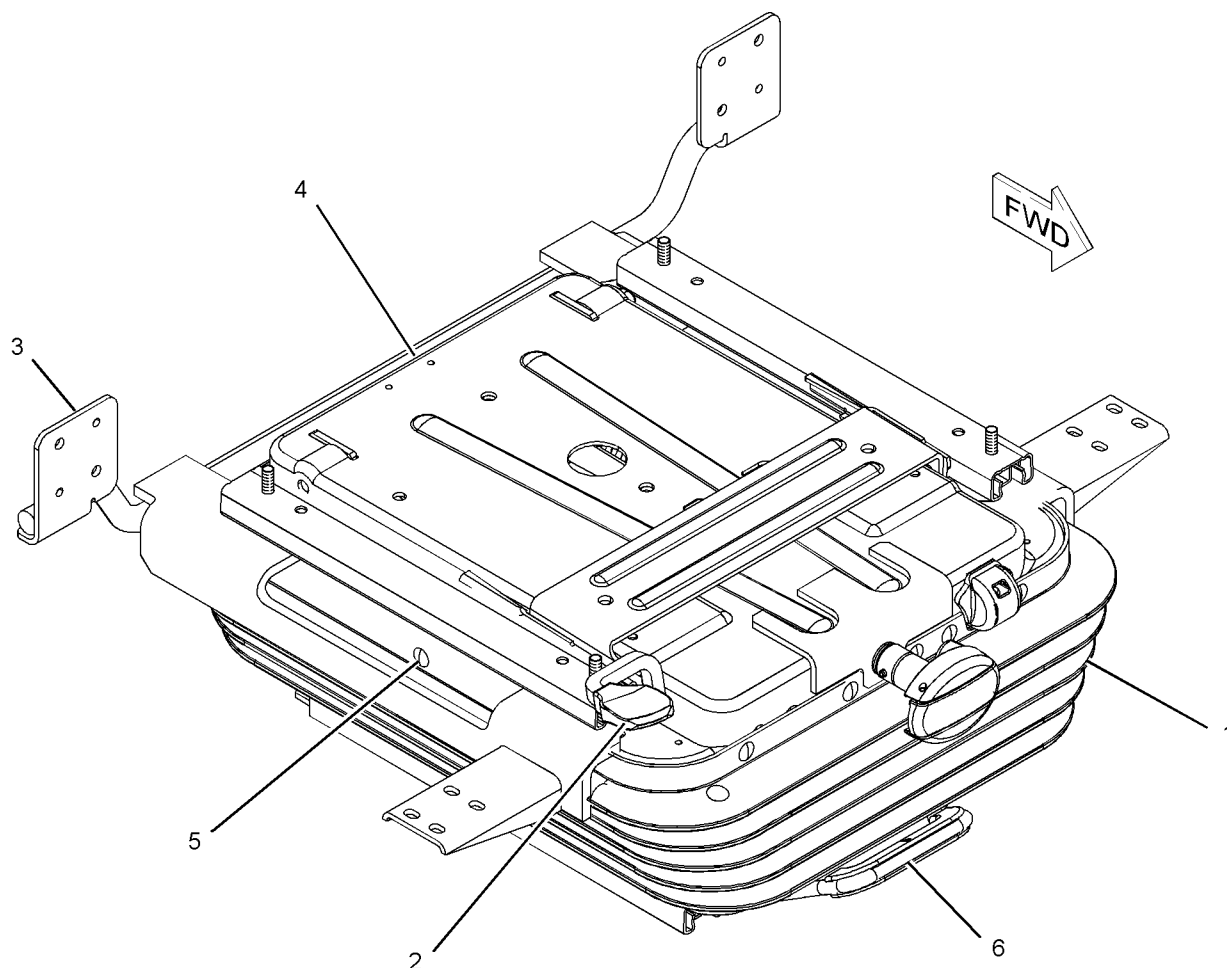
SMCS-7324

i02502941

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	242-8768	1	COVER AS						
		1	147-4921	1	KIT-CLIP (SEAT)						
	2	1	245-7889	1	ADJUSTER GP-SEAT (UPPER SLIDE)						
M		1	5C-7261	8	NUT (M8X1.25-THD)						
		1	8T-4224	8	WASHER-HARD (8.8X16X2-MM THK)						
		1	245-7897	4	PLATE						
M		1	245-7899	4	SCREW-BUTTON HEAD (M8X1.25X30-MM)						
	3	1	245-7890	1	BRACKET GP-MOUNTING						
M		1	5C-7261	4	NUT (M8X1.25-THD)						
		1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)						
		1	245-7897	4	PLATE						
M		1	245-7899	4	SCREW-BUTTON HEAD (M8X1.25X30-MM)						
Y	4	1	245-7892	1	SUSPENSION GP-SEAT						713
	5	1	245-7895	1	KIT-CLIP (SUSPENSION SEAT)						
Y	6	1	245-7896	1	ADJUSTER GP-SEAT (LOWER SLIDE)						632

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01087842

OPERATOR STATION

245 - 7892 SUSPENSION GP - SEAT

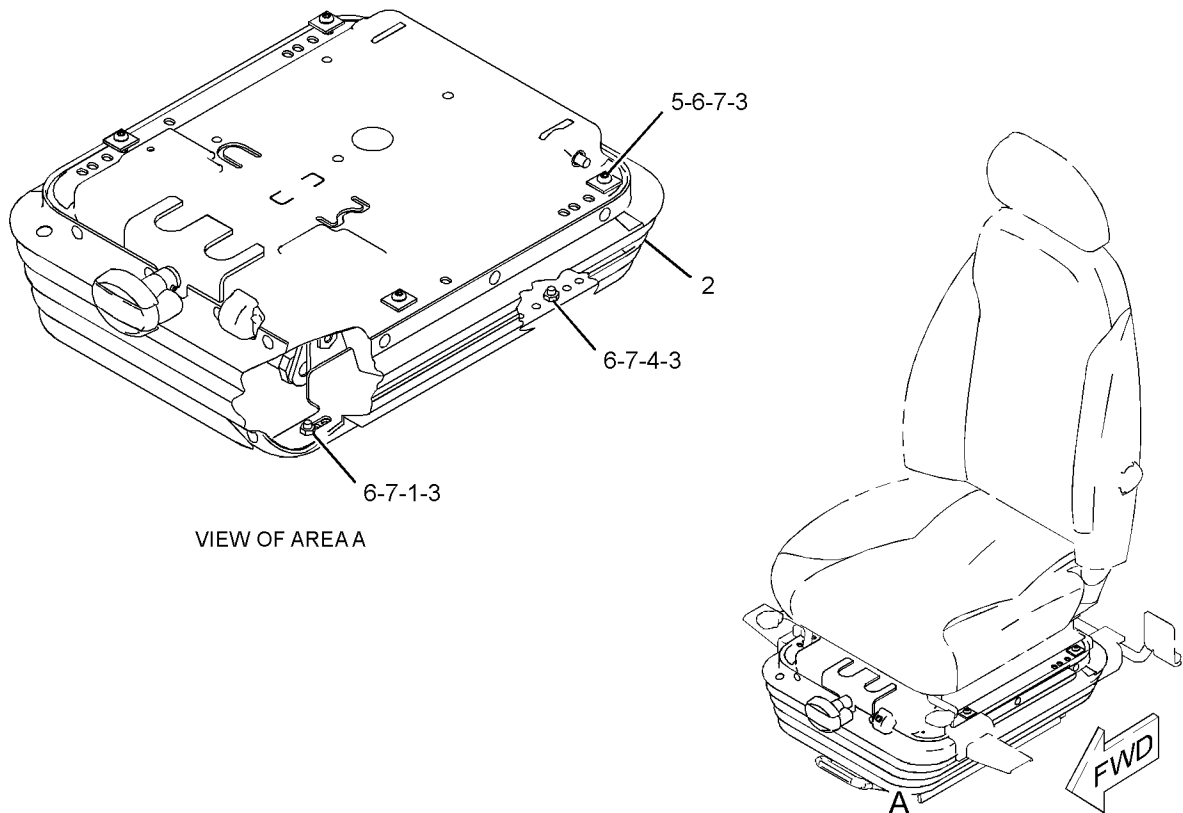
S/N: A6F1-UP; A8F1-UP

PART OF 229-9077 SUSPENSION GP-SEAT
AN ATTACHMENT

SMCS-7324

i02502952

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	198-3899	2	SCREW-BUTTON HEAD (M8X1.25X20-MM)						
	2	1	209-4280	1	CYLINDER-DAMPER						
	3	1	245-7897	8	PLATE						
M	4	1	245-7898	2	SCREW-BUTTON HEAD (M8X1.25X25-MM)						
M	5	1	245-7899	4	SCREW-BUTTON HEAD (M8X1.25X30-MM)						
M	6	1	5C-7261	8	NUT (M8X1.25-THD)						
	7	1	8T-4224	8	WASHER-HARD (8.8X16X2-MM THK)						
M-METRIC PART											



GRAPHIC #1

<END>

g01172575

OPERATOR STATION

161-3751 VISOR GP-CAB

S/N: A6F1-UP; A8F1-UP

SUN

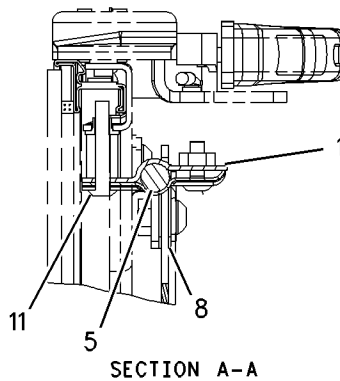
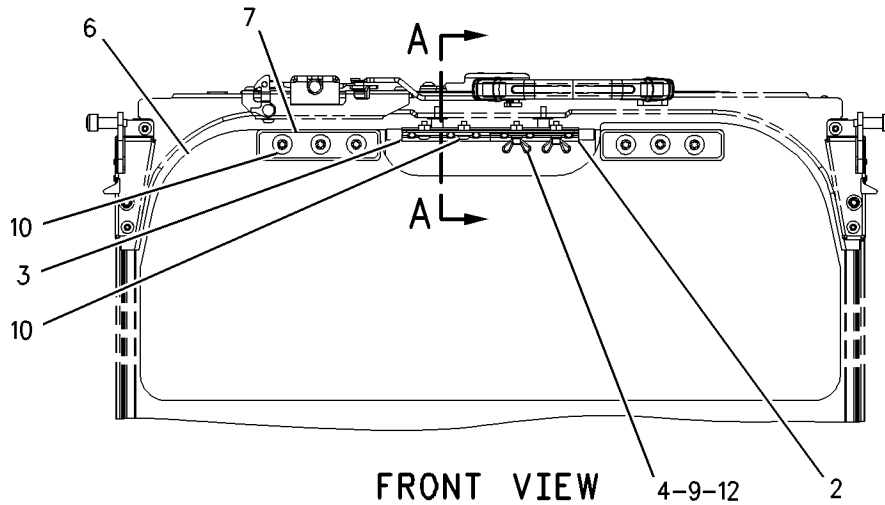
AN ATTACHMENT

SMCS-7301

i01453625

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	164-0639	1	BRACKET AS						
	2	1	210-5827	1	PLATE						
	3	1	210-5828	1	PLATE						
	4	1	210-5829	2	BOLT						
	5	1	210-5834	1	BRACKET AS						
	6	1	210-5836	1	VISOR						
	7	1	210-5837	2	STRIP						
	8	1	210-5838	4	PACKING						
	9	1	8H-3481	2	LOCKWASHER						
M	10	1	9X-2044	8	SCREW-TRUSS HEAD						
M	11	1	9X-2046	2	SCREW-TRUSS HEAD						
	12	1	9X-8256	2	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g00869692

OPERATOR STATION

161-3750 VISOR GP-PROTECTION

S/N: A6F1-UP; A8F1-UP

RAIN

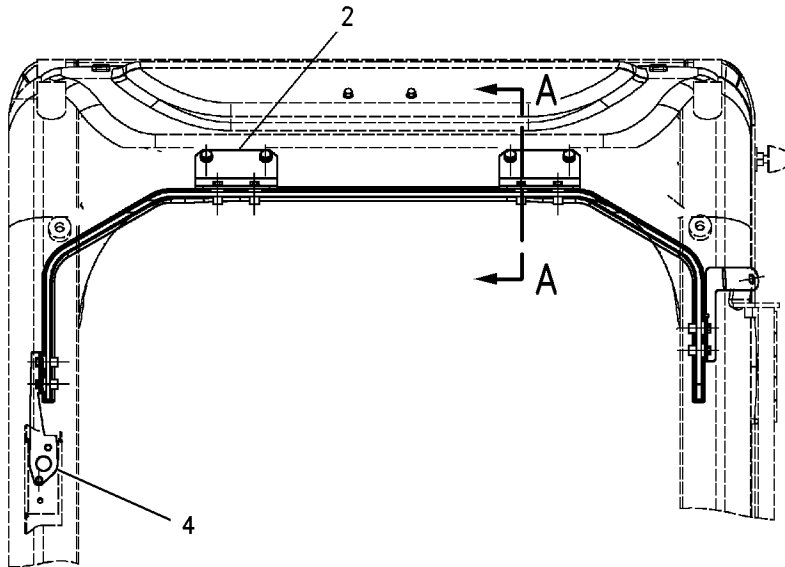
AN ATTACHMENT

SMCS-7340

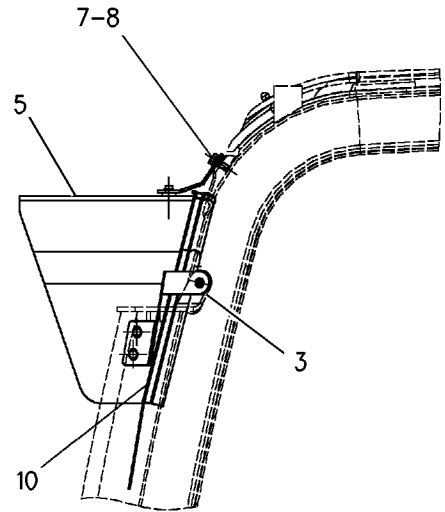
i01677444

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	4I-5049	8	NUT-SPACER (M6X1-THD)						
	2	1	164-0618	2	BRACKET						
	3	1	164-0619	1	BRACKET						
	4	1	164-0620	1	BRACKET						
	5	1	164-0621	1	VISOR						
M	6	1	6V-7357	8	BOLT (M6X1X25-MM)						
M	7	1	8T-4189	4	BOLT (M8X1.25X20-MM)						
	8	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)						
	9	1	9X-8256	8	WASHER (6.6X12X2-MM THK)						
D	10	1	5P-8292		SEAL (1.4M)						

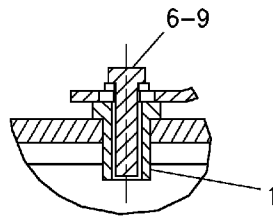
D-ORDER BY THE METER
M-METRIC PART



FRONT VIEW



LEFT SIDE VIEW



SECTION A-A

GRAPHIC #1

<END>

g00868802

OPERATOR STATION

229-9070 WASHER GP - WINDOW

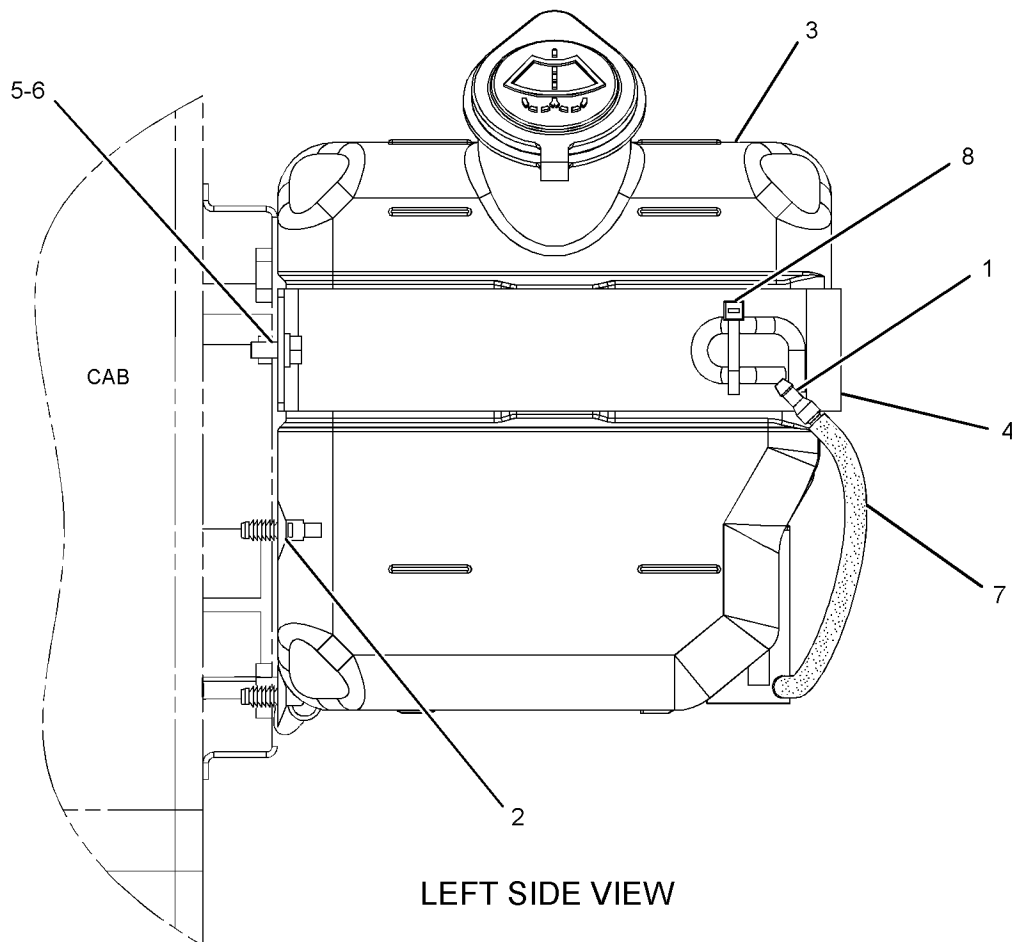
S/N: A6F1-UP; A8F1-UP
AN ATTACHMENT

SMCS-7306

i02593861

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	7Y-3474	1	VALVE AS-CHECK (WINDOW WASHER)	
	2	1	163-6795	2	STRAP-CABLE	
	3	1	176-1931	1	TANK AS-WINDOW WASHER	
		1	5C-8138	1	GROMMET	
		1	7T-8890	1	PUMP AS-WASHER	
		1	178-5431	1	CAP AS (WINDOW WASHER)	
		1	3W-6399		PACKING	
	4	1	235-9012	1	SUPPORT AS	
M	5	1	8T-4970	2	BOLT (M6X1X14-MM)	
	6	1	9X-8256	2	WASHER (6.6X12X2-MM THK)	
CE	7	1	144-0195		HOSE (13-CM)	
	8	1	3S-2093	1	STRAP-CABLE	

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



GRAPHIC #1

<END>

g01307642

OPERATOR STATION

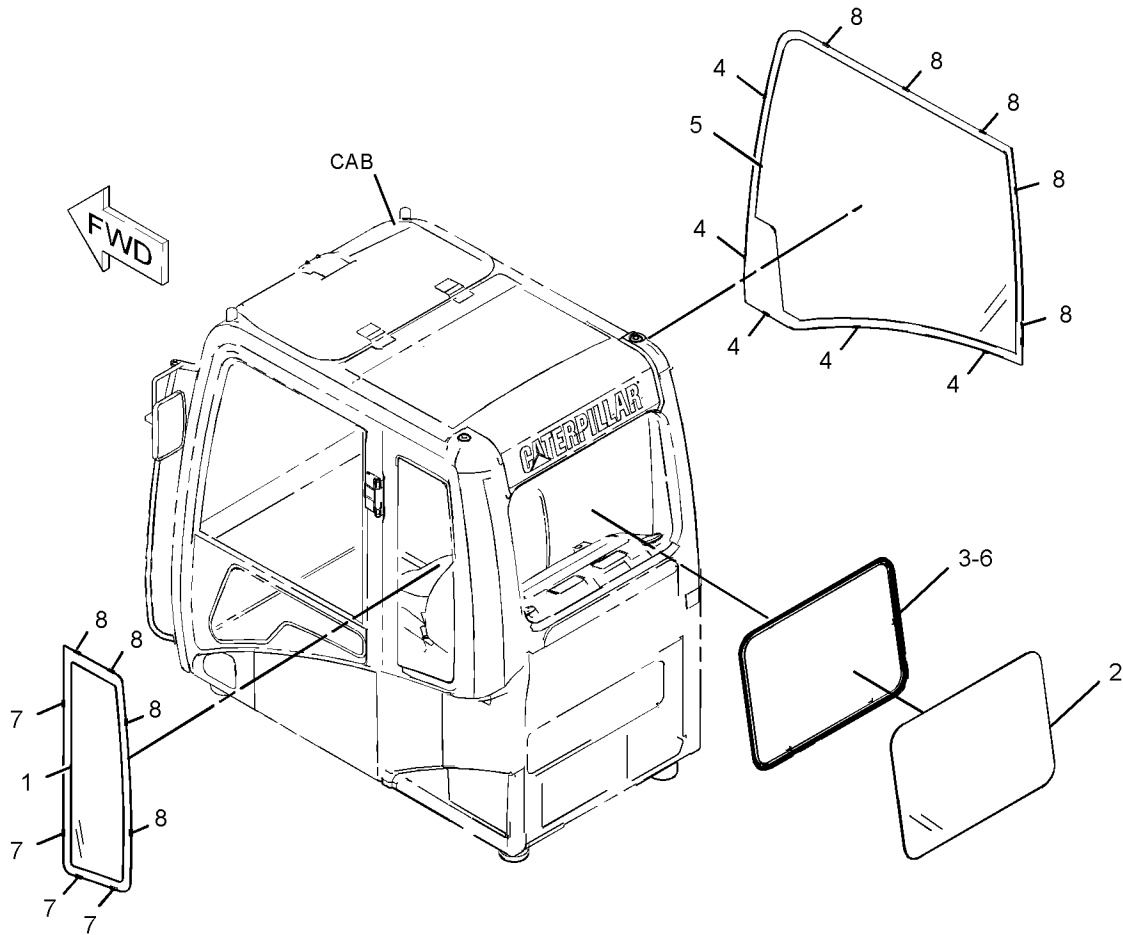
235 - 8909 WINDOW GP - CAB-SIDE, REAR

S/N: A6F1-UP; A8F1-UP
PART OF 229-9099 CAB GP
AN ATTACHMENT

SMCS-7310

i02501135

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	151-6790	1	GLASS						
	2	1	156-6469	1	GLASS						
	3	1	164-0666	1	SEAL						
	4	1	178-5572	5	SPACER						
	5	1	234-6489	1	GLASS						
	6	1	099-3629	1	RING-KEY						
	7	1	178-5573	4	SPACER						
	8	1	178-5574	9	SPACER						



GRAPHIC #1

<END>

g01118561

OPERATOR STATION

151-6792 WINDOW GP - DOOR

S/N: A6F1-UP; A8F1-UP
PART OF 139-7100 DOOR GP - CAB
AN ATTACHMENT

SMCS-7308, 7310

i01398178

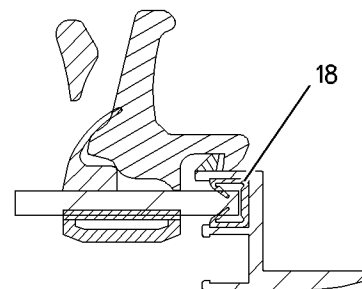
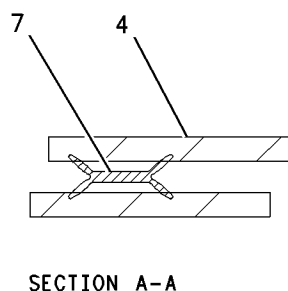
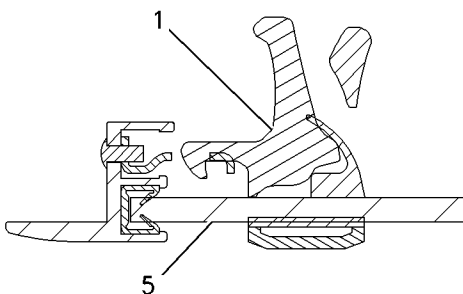
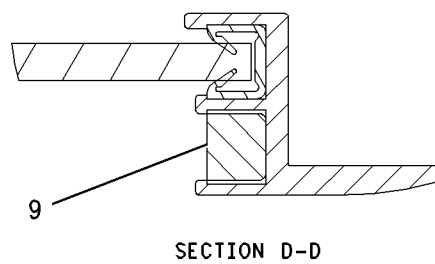
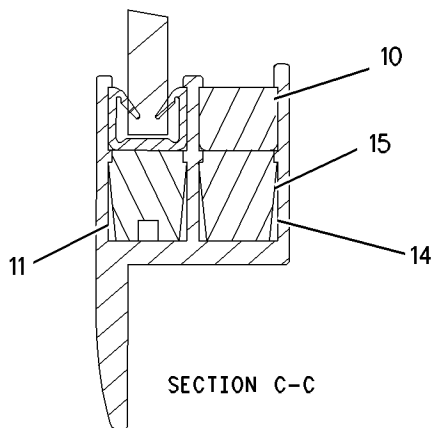
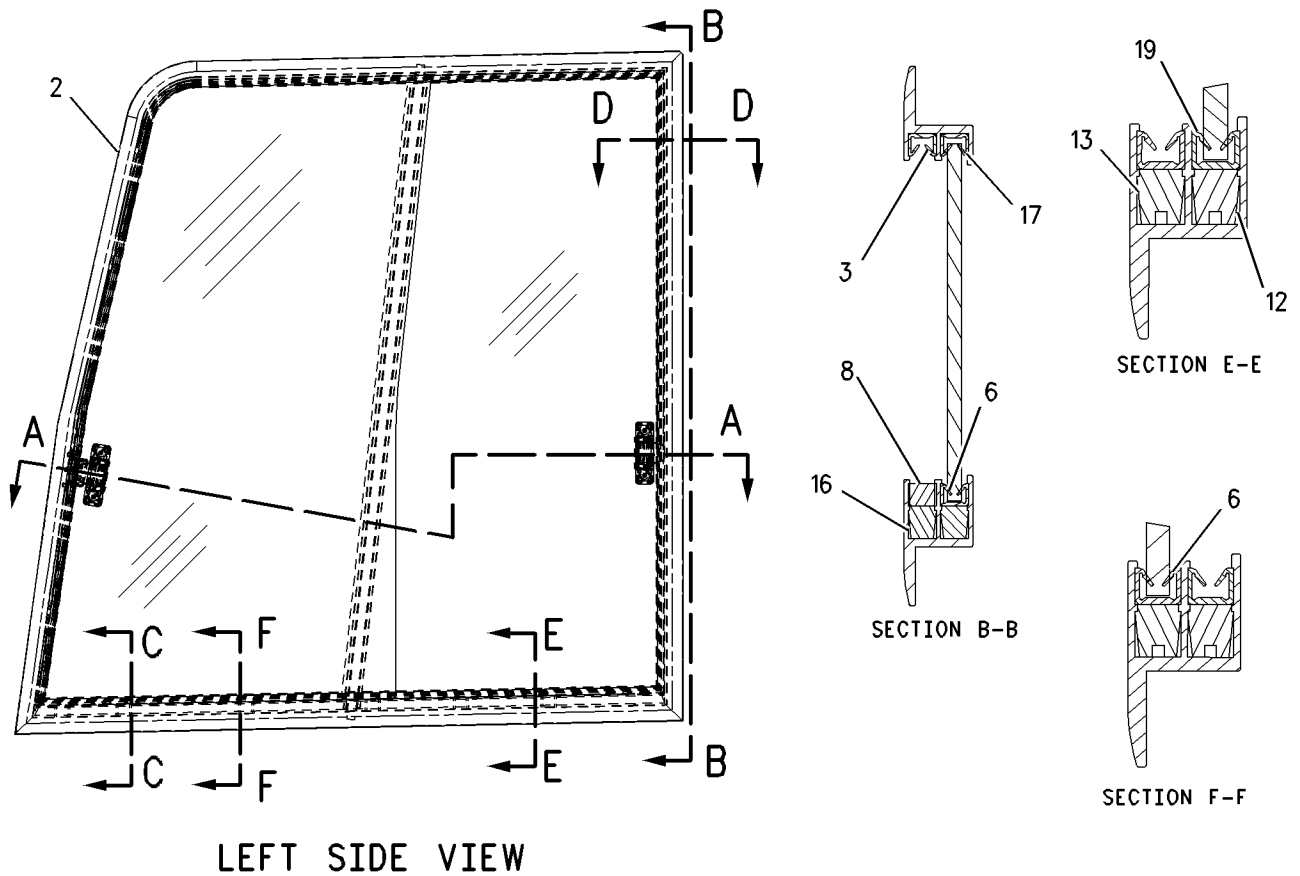
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	085-6444	2	LATCH GP-FRONT WINDOW						
		1	085-6447	1	RETAINER						
M		1	085-6448	2	SCREW						
		1	085-6449	1	PACKING						
	2	1	151-6793	1	FRAME AS						
		1	4I-4298	1	STOPPER						
		1	4I-4300	1	CATCH						
		1	099-0139	3	RIVET						
	3	1	151-6841	1	SEAL						
	4	1	156-6474	1	GLASS						
	5	1	156-6475	1	GLASS						
	6	1	161-3695	1	SEAL						
	7	1	161-3705	1	SEAL						
	8	1	164-0516	1	RUBBER						
	9	1	164-0517	1	RUBBER						
	10	1	164-0518	1	RUBBER						
	11	1	171-7413	1	SPACER						
	12	1	171-7414	1	SPACER						
	13	1	176-1951	1	SPACER						
	14	1	176-1952	1	SPACER						
	15	1	176-1953	1	STOP						
	16	1	176-1954	1	SEAL						
	17	1	176-1955	1	SEAL						
	18	1	176-1956	1	SEAL						
	19	1	176-1957	1	SEAL						

M-METRIC PART

OPERATOR STATION

151-6792 WINDOW GP-DOOR (contd.)

i01398178



GRAPHIC #1

<END>

g00722948

OPERATOR STATION

139-7101 WINDOW GP - FRONT

S/N: A6F1-UP; A8F1-UP
PART OF 229-9099 CAB GP
AN ATTACHMENT

SMCS-7340

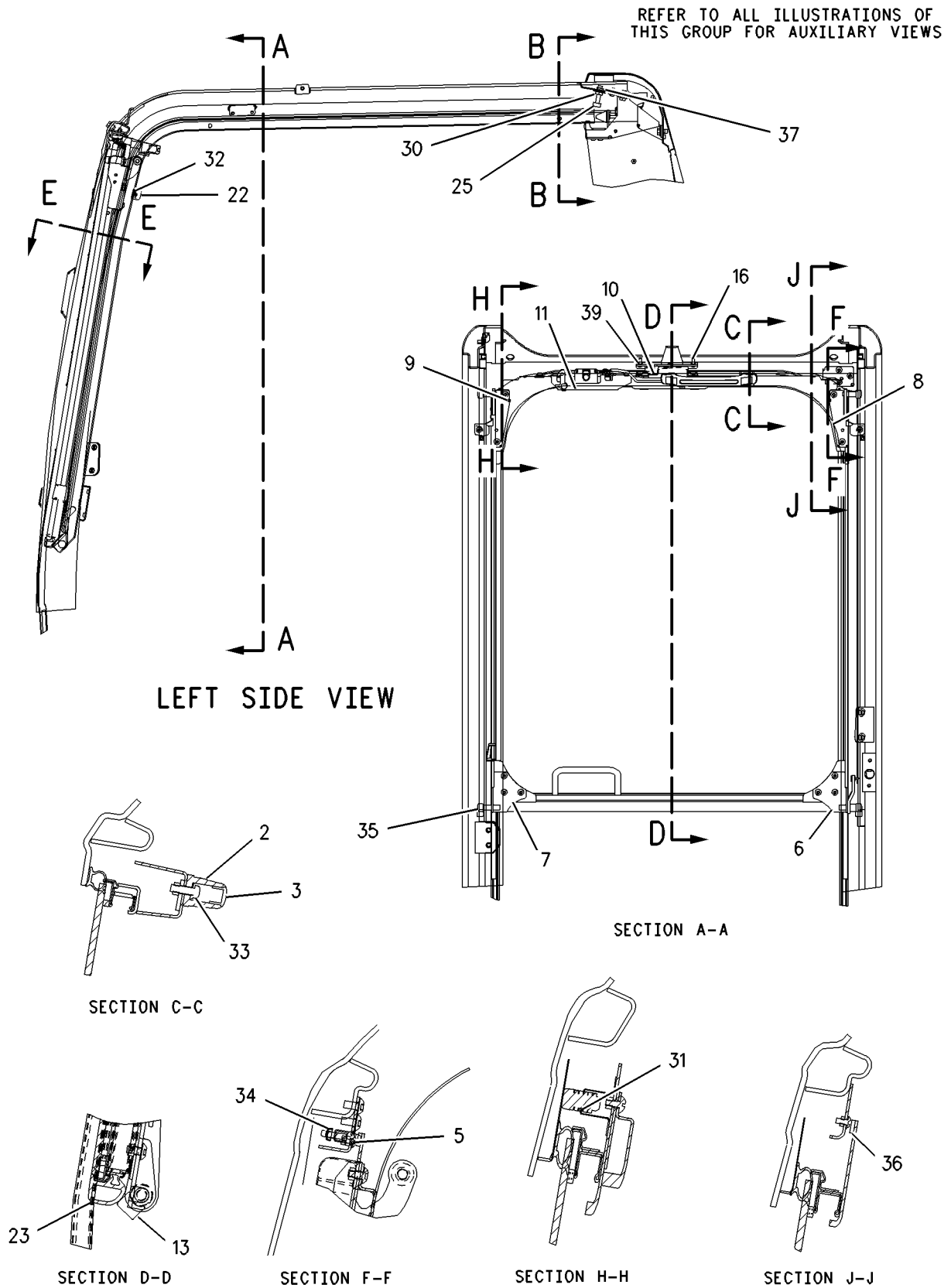
i02782161

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	170-9722	1	CUSHION						
	2	1	151-6703	1	HANDLE - PULL						
	3	1	151-6704	2	CAP (HANDLE)						
	4	2	151-6778	1	FRAME AS						
	5	1	151-6785	1	BRACKET AS						
	6	1	151-6813	1	BRACKET AS						
	7	1	151-6815	1	BRACKET AS						
	8	1	151-6818	1	LINK AS						
	9	1	151-6819	1	LINK AS						
	10	1	151-6831	1	LOCK AS						
	11	1	151-6832	1	LEVER AS						
	12	2	151-6844	1	COVER						
	13	1	151-9557	2	STOP-RUBBER						
	14	2	156-6472	1	GLASS						
	15	2	156-6554	1	CABLE AS						
	16	1	156-6555	1	STRIKER AS						
	17	2	156-6562	1	BRACKET						
	18	2	156-6563	1	CATCH AS						
	19	2	156-6579	1	STOP						
	20	2	156-6601	1	SEAL AS						
	21	2	156-6627	1	STOP AS						
	22	1	161-3684	2	STOP						
	23	1	161-3698	1	SEAL						
	24	2	164-0648	1	BRACKET AS						
	25	1	178-5576	1	STOP						
M	26	2	185-8181	2	SCREW (M4X0.7X10-MM)						
M	27	2	185-8182	4	BOLT (M10X1.5X20-MM)						
M	28	2	5C-8312	1	NUT (M4X0.7-THD)						
	29	2	185-8187	4	WASHER (10.2X22X3.2-MM THK)						
M	30	1	185-8197	1	NUT (M10X1.15-THD)						
	31	1	185-8221	1	STOP						
M	32	1	099-0823	2	SCREW-MACHINE (M6X1X6-MM)						
M	33	1	101-8900	2	SCREW AS (M6X1X20-MM)						
	34	1	117-6306	1	SWITCH (POSITION SENSOR)						
	35	1	151-9576	4	ROLLER						
	36	1	4I-0420	1	STRIP						
	37	1	7X-0578	1	WASHER-HARD (10.2X32X2.5-MM THK)						
M	38	2	9X-2042	20	SCREW-TRUSS HEAD (M6X1X12-MM)						
M	39	1, 2	9X-2044	5	SCREW-TRUSS HEAD (M6X1X16-MM)						
M	40	2	9X-2045	4	SCREW-TRUSS HEAD (M6X1X20-MM)						
	41	2	9X-8256	2	WASHER (6.6X12X2-MM THK)						
M-METRIC PART											

OPERATOR STATION

139-7101 WINDOW GP-FRONT (contd.)

i02782161



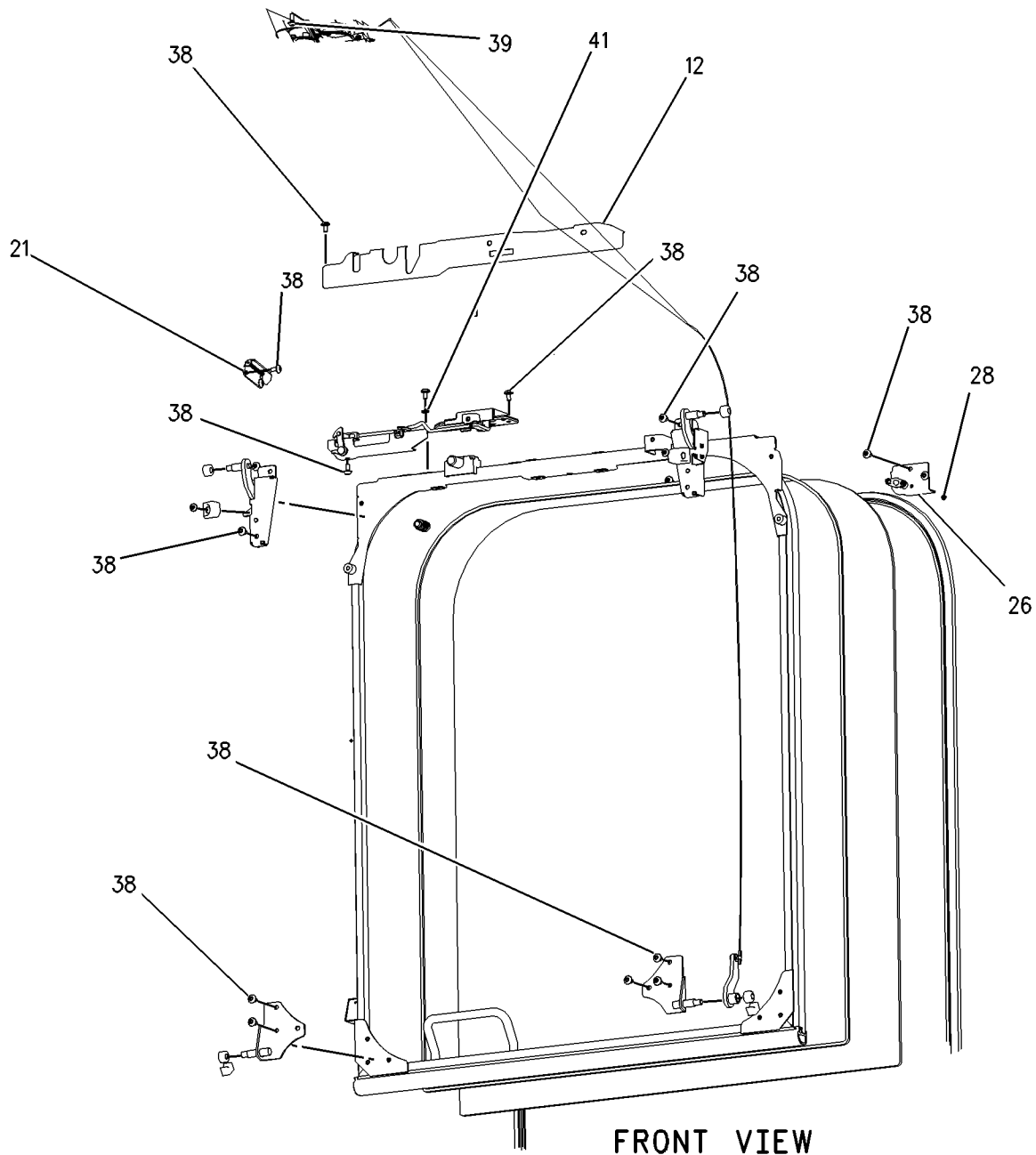
GRAPHIC #1

g00986340

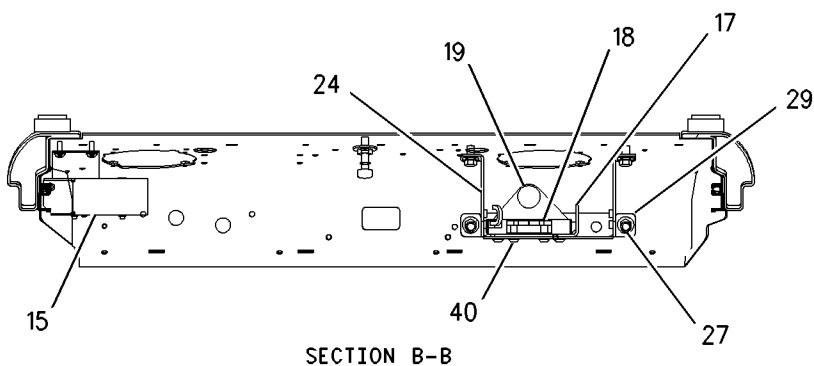
OPERATOR STATION

139-7101 WINDOW GP - FRONT (contd.)

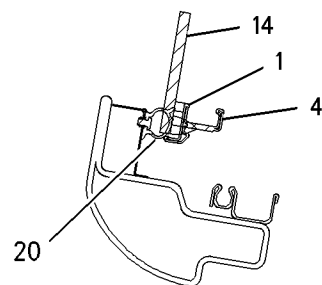
i02782161



FRONT VIEW



SECTION B-B



SECTION E-E

GRAPHIC #2

<END>

g00986341

OPERATOR STATION

176-1958 WINDOW GP-FRONT

S/N: A6F1-UP; A8F1-UP

PART OF 229-9099 CAB GP

AN ATTACHMENT

SMCS-7340

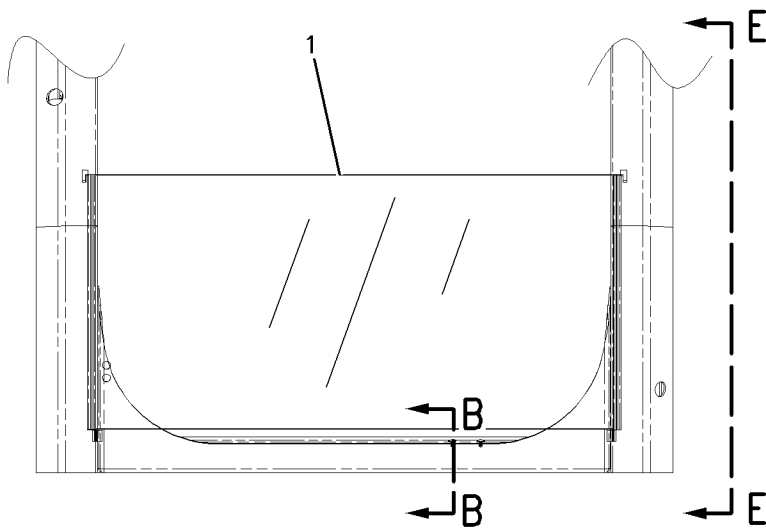
i02152450

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	156-6473	1	GLASS (LOWER FRONT)						
	2	1	156-6631	2	STOP						
	3	1	161-3683	1	SEAL						
	4	1	178-5569	2	SEAL						
	5	1	189-2702	2	SEAL						
	6	1	139-7119	2	PLUG						

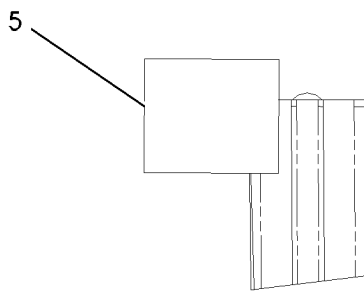
OPERATOR STATION

176 - 1958 WINDOW GP - FRONT (contd.)

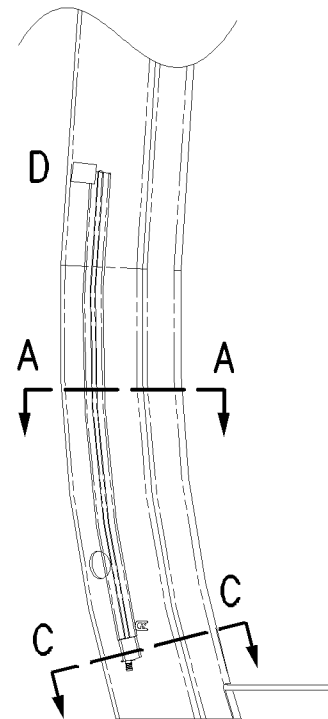
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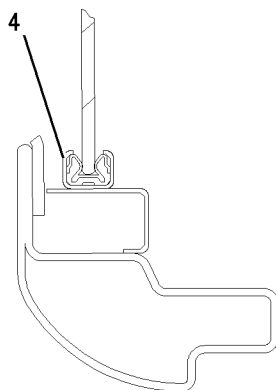
FRONT VIEW



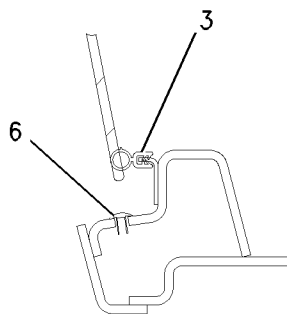
VIEW OF AREA D



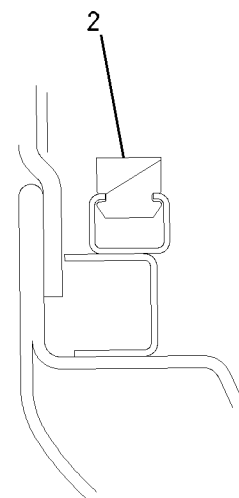
VIEW E-E



SECTION A-A



SECTION B-B



SECTION C-C

GRAPHIC #1

<END>

g00805482

OPERATOR STATION

234 - 6594 WIPER GP - WINDOW-UPPER

S/N: A6F1-UP; A8F1-UP
PART OF 229-9099 CAB GP
AN ATTACHMENT

SMCS - 7305

i02501038

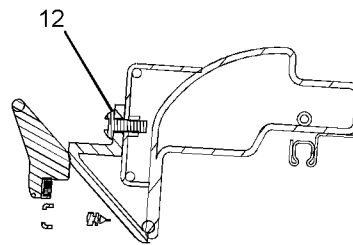
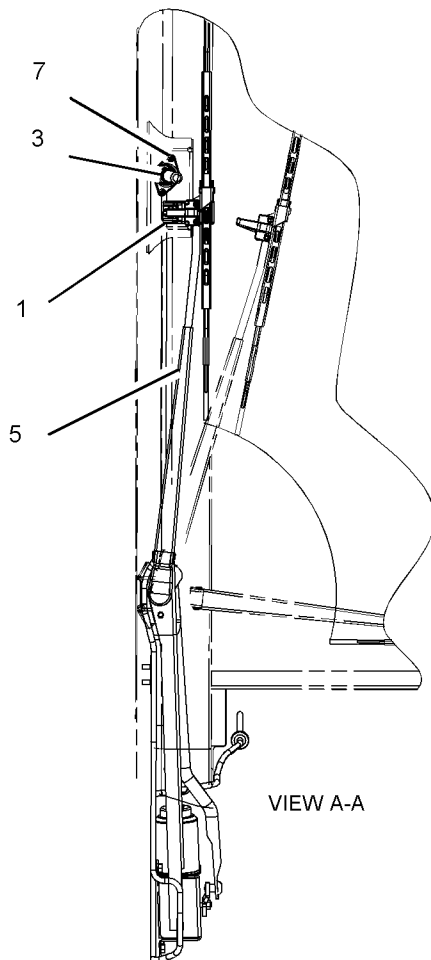
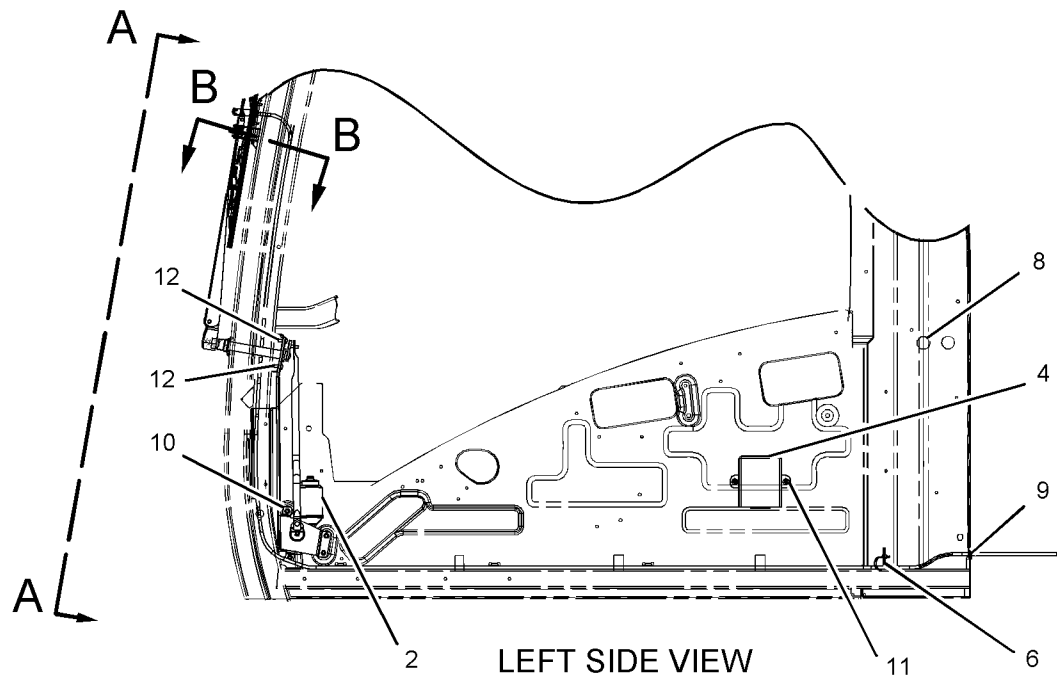
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	161-3677	1	HOLDER						
	2	1	245-7931	1	MOTOR AS (WIPER)						
M		1	6V-8231	1	NUT (M10X1.25-THD)						
M		1	7Y-3470	1	NUT (M20X1-THD)						
		1	7Y-3472	1	CAP						
		1	124-3953	1	WASHER (20.5X30X2-MM THK)						
	3	1	235-8932	1	NOZZLE AS						
	4	1	155-7042	1	RELAY AS (WIPER)						
	5	1	161-3668	1	ARM AS						
		1	161-3669	1	GUIDE						
		1	161-3670	1	BLADE AS-WIPER (600-MM)						
		1	185-8290	1	SCREW AS						
	6	1	163-6795	1	STRAP-CABLE						
M	7	1	3E-9872	2	SCREW AS (M4X0.7X12-MM)						
	8	1	4I-3090	1	SEAL						
	9	1	7Y-7364	1	GROMMET						
M	10	1	8T-4134	4	NUT (M6X1-THD)						
M	11	1	9X-2042	2	SCREW-TRUSS HEAD (M6X1X12-MM)						
M	12	1	9X-2044	3	SCREW-TRUSS HEAD (M6X1X16-MM)						

M-METRIC PART

OPERATOR STATION

234-6594 WIPER GP-WINDOW (contd.)

i02501038



GRAPHIC #1

<END>

g01098021

SERVICE EQUIPMENT AND SUPPLIES

247-7423 FILM GP

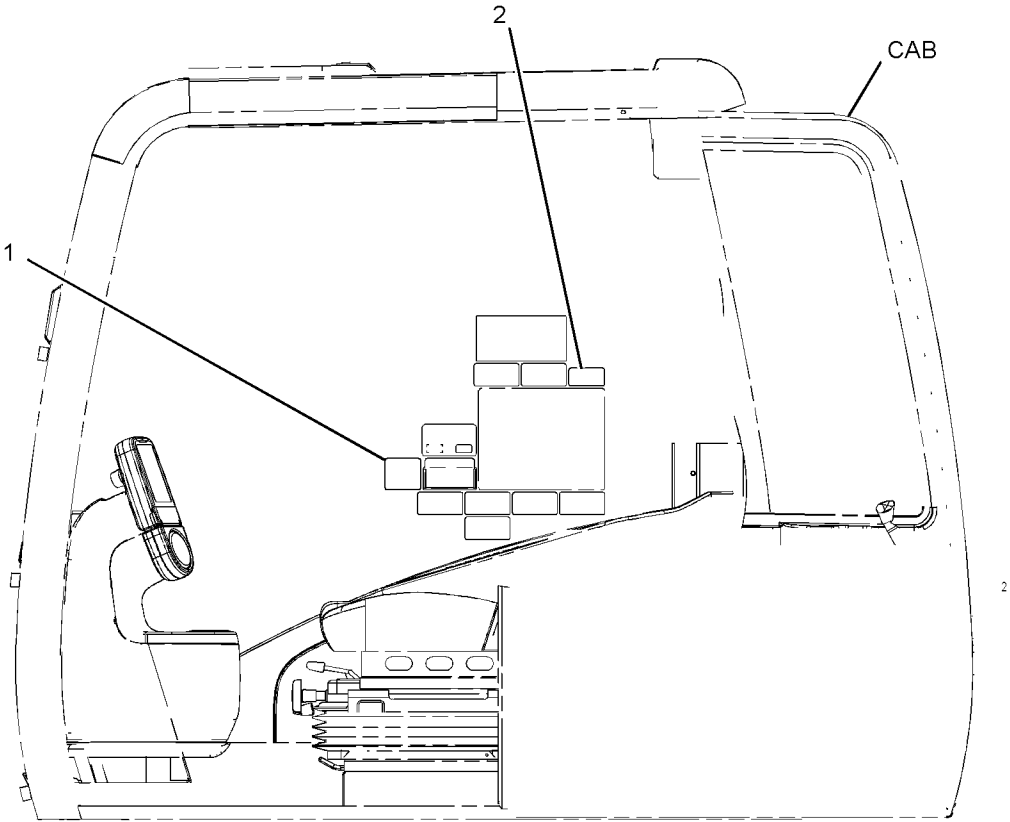
S/N: A6F1-UP; A8F1-UP

PART OF 259-7492, 259-7494, 259-7495 CONTROL AR-AUXILIARY
AN ATTACHMENT

SMCS-7405, 7557

i02765722

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	260-6945	1	FILM-INSTRUCTION (OPERATOR CONTROL PEDALS)						
	2	1	250-8054	1	FILM-NOTICE (HAMMER, READ OMM)						



LEFT SIDE VIEW

GRAPHIC #1

<END>

g01231531

SERVICE EQUIPMENT AND SUPPLIES

247-7424 FILM GP-OPERATOR CONTROLS, NOTICE

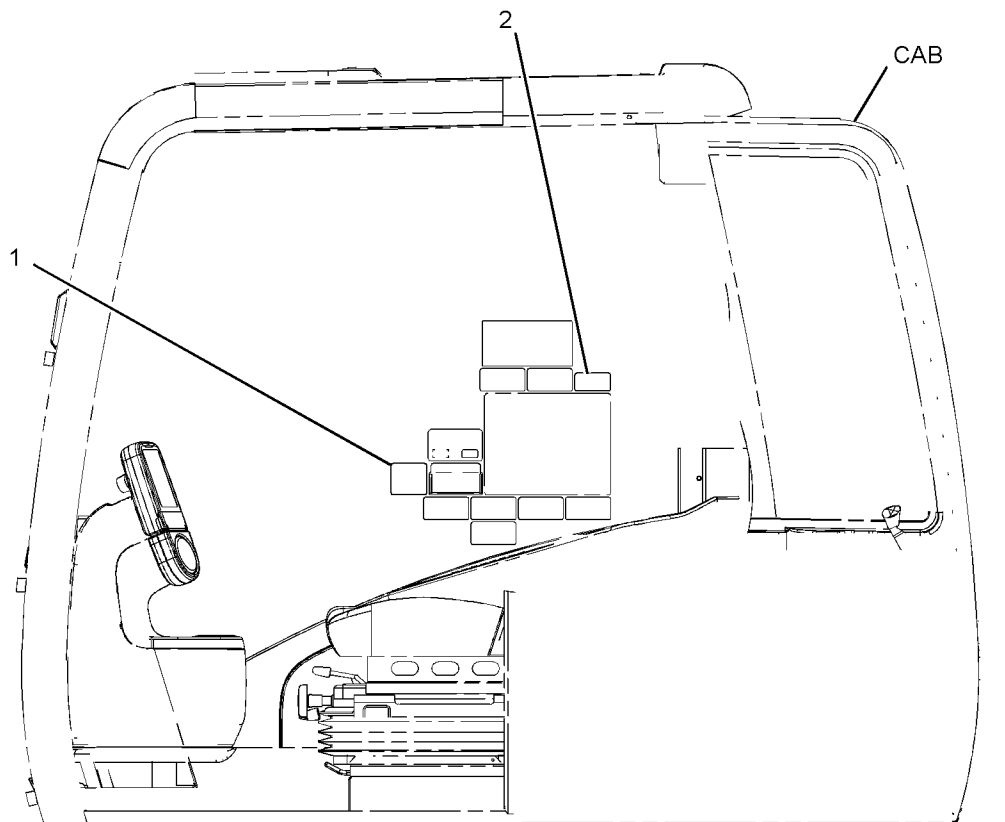
S/N: A8F1-UP

PART OF 259-7493 CONTROL AR-AUXILIARY
AN ATTACHMENT

SMCS-7405, 7557

i02790509

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	260-6946	1	FILM-INSTRUCTION (OPERATOR CONTROL PEDALS)	
	2	1	250-8054	1	FILM-NOTICE (HAMMER, READ OMM)	



LEFT SIDE VIEW

GRAPHIC #1

<END>

g01231531

SERVICE EQUIPMENT AND SUPPLIES

268-6816 FILM GP-QUICK COUPLER

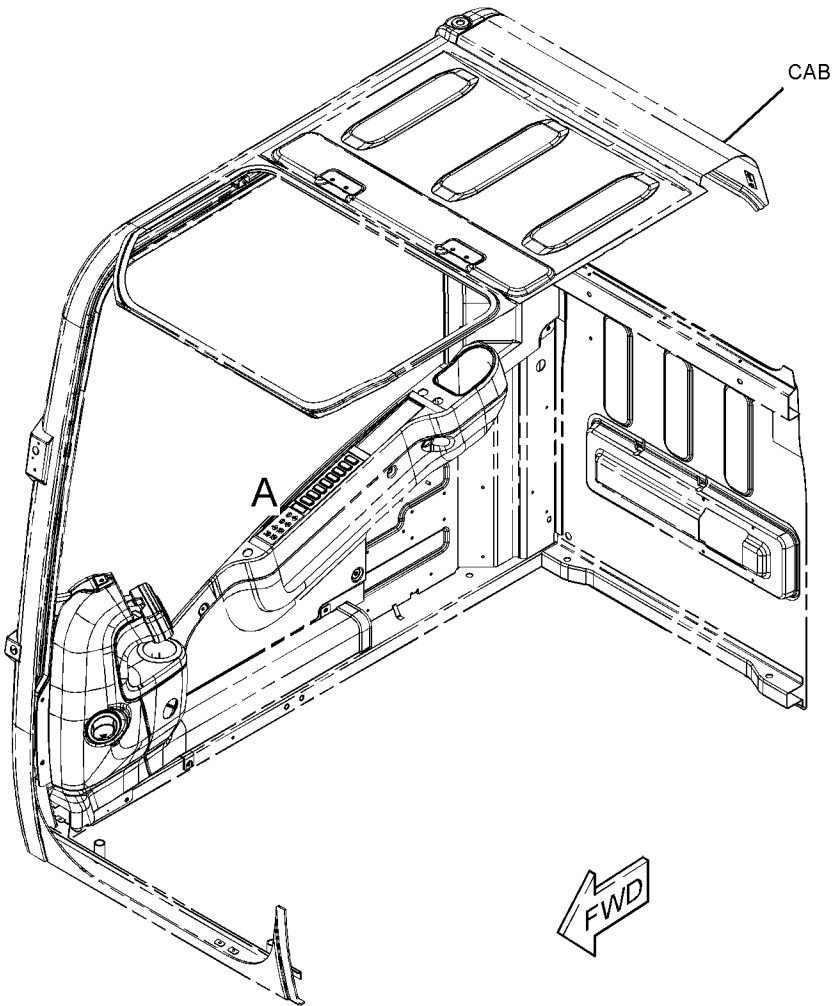
S/N: A6F1-UP; A8F1-UP

PART OF 277-0863 CONTROL AR-COUPLER
AN ATTACHMENT

SMCS-7405, 7557

i02663261

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	268-6817	1	FILM-IDENTIFICATION (QUICK COUPLER)						



GRAPHIC #1

<END>

g01199575

SERVICE EQUIPMENT AND SUPPLIES

282-5705 FILM GP-QUICK COUPLER

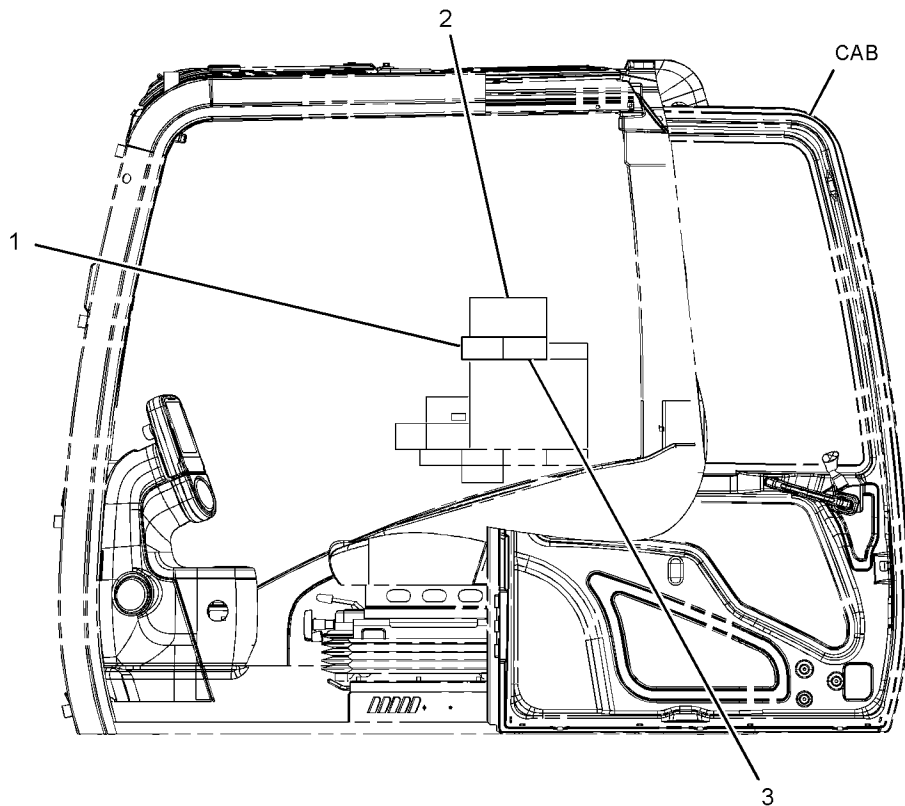
S/N: A6F1-UP; A8F1-UP

PART OF 288-7608 CONTROL AR-COUPLER
AN ATTACHMENT

SMCS-7405, 7557

i02509113

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	268-4530	1	FILM-WARNING (CRUSH HAZARD, READ OMM)						
	2	1	268-4531	1	FILM-INSTRUCTION (COUPLER OPERATION)						
	3	1	268-8872	1	FILM-WARNING (CRUSH HAZARD, READ OMM)						



LEFT SIDE VIEW

GRAPHIC #1

<END>

g01238116

SERVICE EQUIPMENT AND SUPPLIES

275-3683 PLATE & FILM GP

S/N: A6F1-UP

PART OF 264-8638 CHASSIS AR

SMCS-7405, 7557

i02781191

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1P-2807	4	FILM-INFORMATION (LIFT EYE LOCATION)						
	2	4	4I-8472	1	FILM-INSTRUCTION (OPERATOR CONTROLS, READ OMM)						
	3	2, 3	7X-7644	4	FILM-INFORMATION (TIE-DOWN)						
	4	4	8T-6842	1	FILM-INSTRUCTION (ALTERNATE EXIT)						
	5	3	134-7258	1	FILM-INFORMATION (EXTENDED LIFE COOLANT-READ OMM)						
	6	3	144-9126	1	FILM-INSTRUCTION (OIL)						
	7	3	146-6747	1	FILM-INFORMATION (24-VOLT)						
	8	1, 3	167-7270	2	FILM-INSTRUCTION (NO STEP)						
	9	4	187-0661	1	FILM-INSTRUCTION (ALTERNATE EXIT)						
	10	2	190-5386	2	FILM-IDENTIFICATION (ROUND RED REFLECTIVE)						
	11	4	214-7915	1	FILM-INSTRUCTION (ENGINE SHUTOFF)						
	12	4	223-9818	1	FILM-INSTRUCTION (WINDOW CLEANING, READ OMM)						
	13	4	224-0554	1	FILM-WARNING (UNIVERSAL, READ OMM)						
	14	2	224-8946	1	FILM-WARNING (DO NOT USE ETHER)						
	15	3	225-0312	1	FILM-WARNING (JUMP START, READ OMM, INTL)						
	16	1	225-4257	2	FILM-WARNING (HOT FLUID UNDER PRESS, INTL)						
	17	2	228-2781	2	FILM-WARNING (MACHINE SWING, CRUSHING)						
	18	1	228-7316	2	FILM-WARNING (HOT SURFACE, HANDS CLEAR)						
	19	4	228-9254	1	FILM-WARNING (ELECTRICAL HAZARD)						
	20	2	229-0887	1	FILM-INFORMATION (AIR CLEANER)						
	21	1	239-6986	1	PLATE-IDENTIFICATION (MACHINE)						
	22	2	242-1510	1	FILM-INSTRUCTION (HYDRAULIC OIL CHECK)						
	23	4	242-1588	1	FILM-WARNING (WINDSHIELD)						
	24	3	242-6092	1	FILM-WARNING (ACCUMULATOR PRESSURE)						
	25	4	245-5457	1	FILM-INSTRUCTION (THROTTLE)						
	26	2	247-7436	1	FILM-IDENTIFICATION (CAT)						
	27	3	247-7437	1	FILM-IDENTIFICATION (CIRCUIT BREAKER)						
	28	1, 2	253-0861	2	FILM-INFORMATION (CAT POWER, ACERT TECHNOLOGY)						
	29	2	257-4502	1	FILM-IDENTIFICATION (CATERPILLAR)						
	30	4	260-7135	1	FILM-IDENTIFICATION (FUSE PANEL)						
	31	1	290-1727	1	FILM-IDENTIFICATION (CAT, BOOM, RH)						
	32	2	290-1728	1	FILM-IDENTIFICATION (CAT, BOOM, LH)						
	33	1	290-1729	2	FILM-IDENTIFICATION (CAT, UPPER STRUCTURE)						
	34	1, 2	290-1742	2	FILM-IDENTIFICATION (320D)						
E	35	1	290-1906		FILM-STRIPE (RED) (45-CM EACH)						
	36	4	221-8045	1	FILM-WARNING (SEAT BELT)						
	37	4	266-5431	1	FILM-WARNING (CRUSH HAZARD, READ OMM)						
	38	4	264-8507	1	FILM-INFORMATION (LIFTING CAPACITIES, READ OMM)						
	39	3	202-9824	1	FILM-INFORMATION (BRAZIL)						
	40	3	247-7438	2	FILM-IDENTIFICATION (CIRCUIT BREAKER)						

E-ORDER BY THE CENTIMETER

i02781191

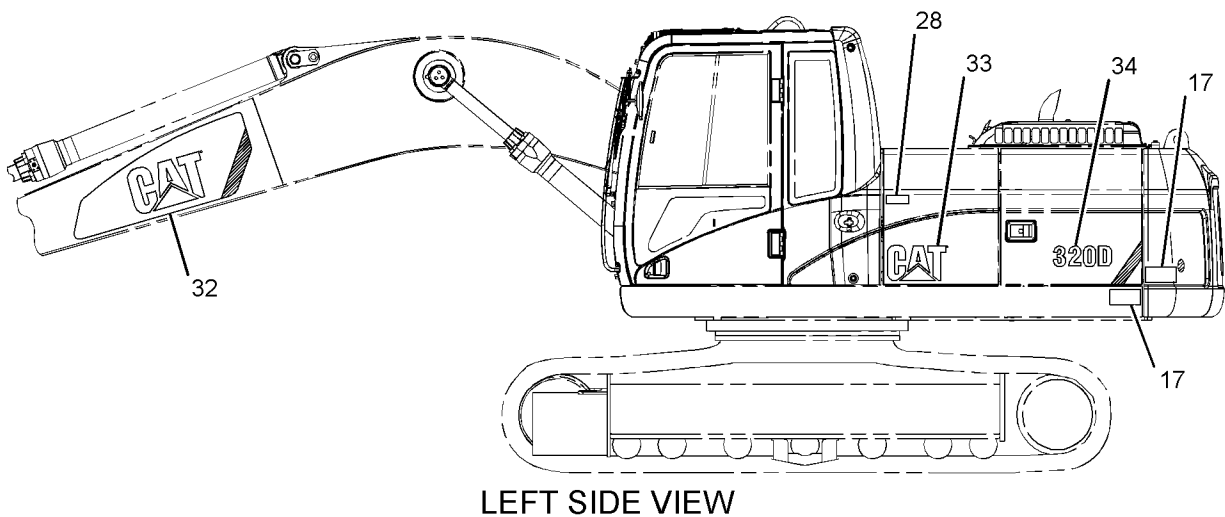
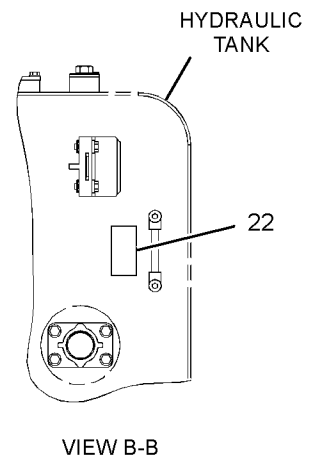
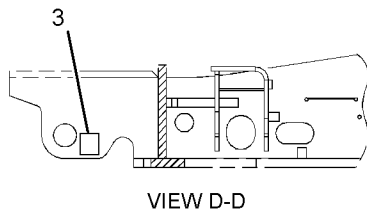
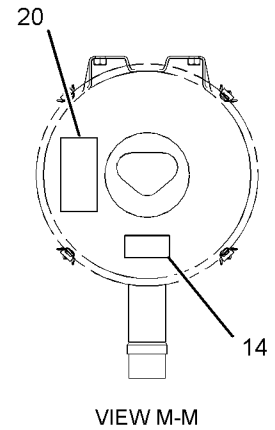
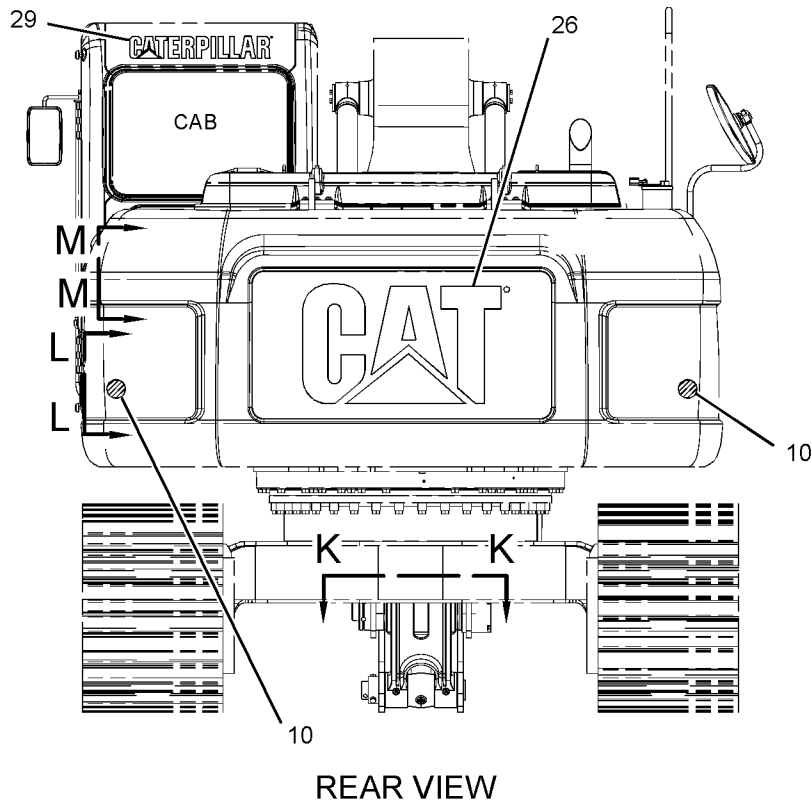


g01394756

SERVICE EQUIPMENT AND SUPPLIES

275 - 3683 PLATE & FILM GP (contd.)

i02781191



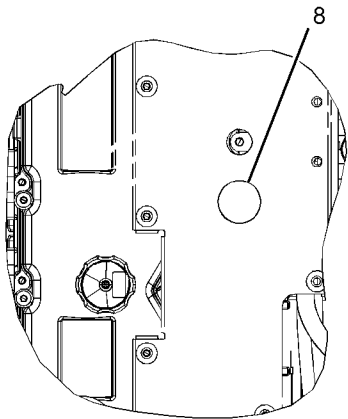
GRAPHIC #2

g01394759

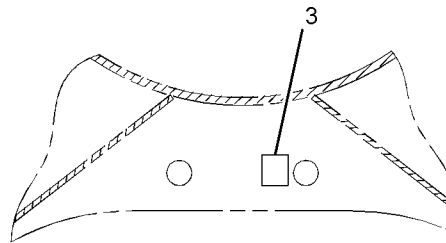
SERVICE EQUIPMENT AND SUPPLIES

275 - 3683 PLATE & FILM GP (contd.)

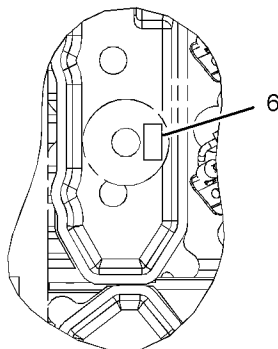
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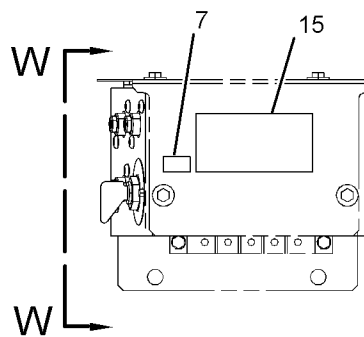
VIEW H-H



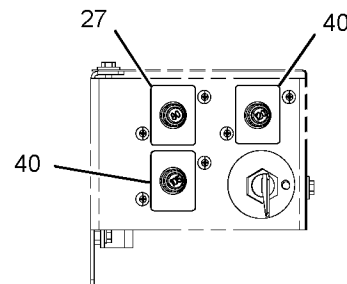
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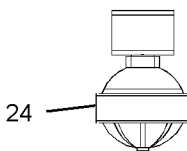
VIEW H-H
(ALTERNATE VIEW)



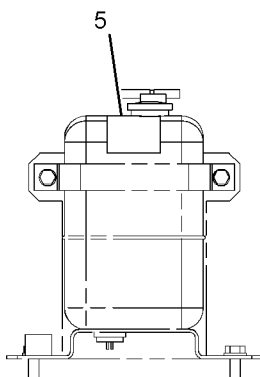
VIEW L-L



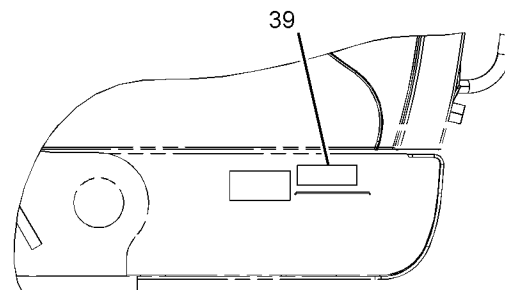
VIEW W-W



VIEW C-C



VIEW A-A



VIEW N-N

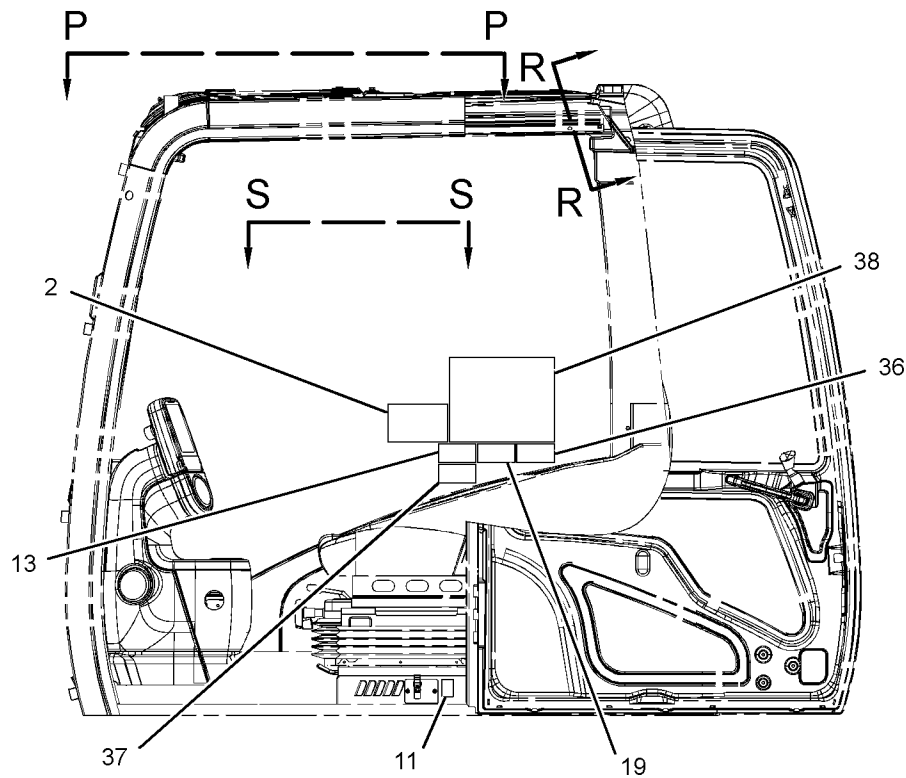
GRAPHIC #3

g01395510

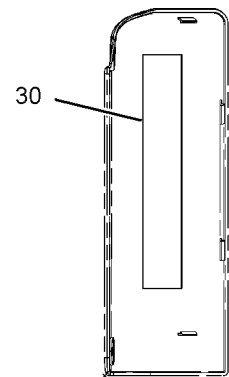
SERVICE EQUIPMENT AND SUPPLIES

275 - 3683 PLATE & FILM GP (contd.)

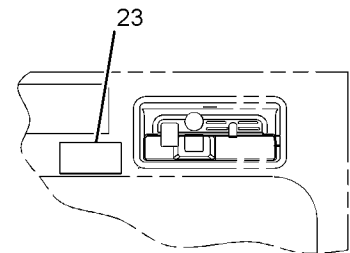
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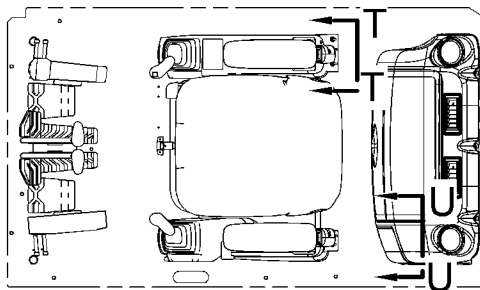
LEFT SIDE VIEW
(CAB)



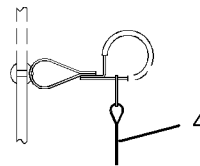
VIEW U-U



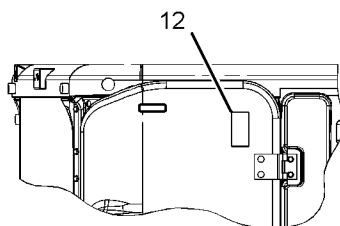
VIEW R-R



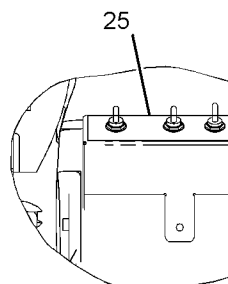
VIEW S-S



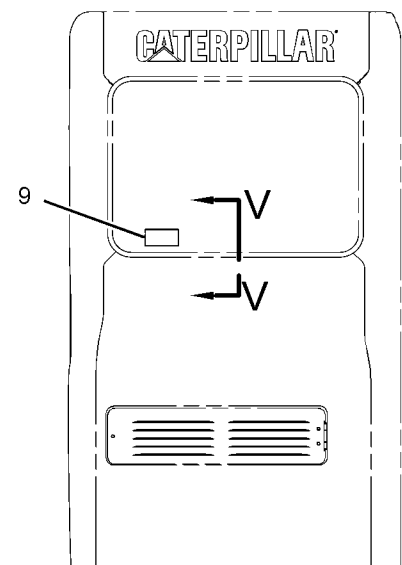
VIEW V-V



VIEW P-P



VIEW T-T



REAR VIEW
(CAB)

GRAPHIC #4

<END>

g01395610

SERVICE EQUIPMENT AND SUPPLIES

275-3684 PLATE & FILM GP

S/N: A8F1-UP

PART OF 264-8639 CHASSIS AR

SMCS-7405, 7557

i02775848

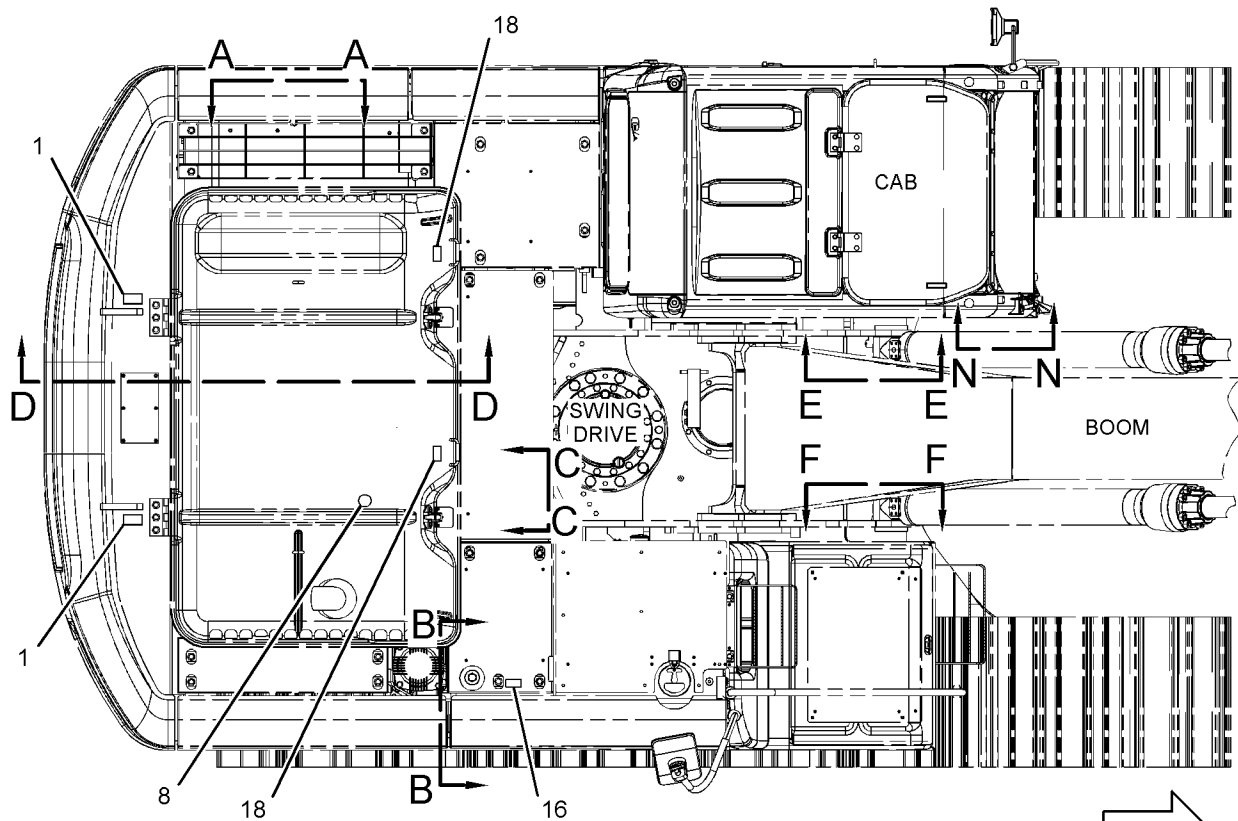
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1P-2807	4	FILM-INFORMATION (LIFT EYE LOCATION)						
	2	4	4I-8472	1	FILM-INSTRUCTION (OPERATOR CONTROLS, READ OMM)						
	3	2, 3	7X-7644	4	FILM-INFORMATION (TIE-DOWN)						
	4	4	8T-6842	1	FILM-INSTRUCTION (ALTERNATE EXIT)						
	5	3	134-7258	1	FILM-INFORMATION (EXTENDED LIFE COOLANT-READ OMM)						
	6	3	144-9126	1	FILM-INSTRUCTION (OIL)						
	7	3	146-6747	1	FILM-INFORMATION (24-VOLT)						
	8	1, 3	167-7270	2	FILM-INSTRUCTION (NO STEP)						
	9	4	187-0661	1	FILM-INSTRUCTION (ALTERNATE EXIT)						
	10	2	190-5386	2	FILM-IDENTIFICATION (ROUND RED REFLECTIVE)						
	11	4	214-7915	1	FILM-INSTRUCTION (ENGINE SHUTOFF)						
	12	4	223-9818	1	FILM-INSTRUCTION (WINDOW CLEANING, READ OMM)						
	13	4	224-0554	1	FILM-WARNING (UNIVERSAL, READ OMM)						
	14	2	224-8946	1	FILM-WARNING (DO NOT USE ETHER)						
	15	3	225-0312	1	FILM-WARNING (JUMP START, READ OMM, INTL)						
	16	1	225-4257	2	FILM-WARNING (HOT FLUID UNDER PRESS, INTL)						
	17	2	228-2781	2	FILM-WARNING (MACHINE SWING, CRUSHING)						
	18	1	228-7316	2	FILM-WARNING (HOT SURFACE, HANDS CLEAR)						
	19	4	228-9254	1	FILM-WARNING (ELECTRICAL HAZARD)						
	20	2	229-0887	1	FILM-INFORMATION (AIR CLEANER)						
	21	1	239-6986	1	PLATE-IDENTIFICATION (MACHINE)						
	22	2	242-1510	1	FILM-INSTRUCTION (HYDRAULIC OIL CHECK)						
	23	4	242-1588	1	FILM-WARNING (WINDSHIELD)						
	24	3	242-6092	1	FILM-WARNING (ACCUMULATOR PRESSURE)						
	25	4	245-5457	1	FILM-INSTRUCTION (THROTTLE)						
	26	2	247-7436	1	FILM-IDENTIFICATION (CAT)						
	27	3	247-7437	1	FILM-IDENTIFICATION (CIRCUIT BREAKER)						
	28	1, 2	253-0861	2	FILM-INFORMATION (CAT POWER, ACERT TECHNOLOGY)						
	29	2	257-4502	1	FILM-IDENTIFICATION (CATERPILLAR)						
	30	4	260-7135	1	FILM-IDENTIFICATION (FUSE PANEL)						
	31	1	290-1727	1	FILM-IDENTIFICATION (CAT, BOOM, RH)						
	32	2	290-1728	1	FILM-IDENTIFICATION (CAT, BOOM, LH)						
	33	1	290-1729	2	FILM-IDENTIFICATION (CAT, UPPER STRUCTURE)						
	34	1, 2	290-1743	2	FILM-IDENTIFICATION (320D L)						
E	35	1	290-1906		FILM-STRIPE (RED) (45-CM EACH)						
	36	4	221-8045	1	FILM-WARNING (SEAT BELT)						
	37	4	266-5431	1	FILM-WARNING (CRUSH HAZARD, READ OMM)						
	38	4	264-8508	1	FILM-INFORMATION (LIFTING CAPACITIES, READ OMM)						
	39	3	202-9824	1	FILM-INFORMATION (BRAZIL)						
	40	3	247-7438	2	FILM-IDENTIFICATION (CIRCUIT BREAKER)						

E-ORDER BY THE CENTIMETER

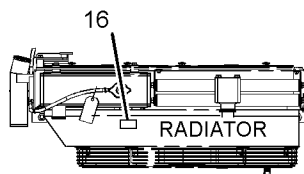
SERVICE EQUIPMENT AND SUPPLIES

275-3684 PLATE & FILM GP (contd.)

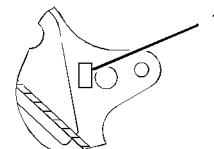
i02775848



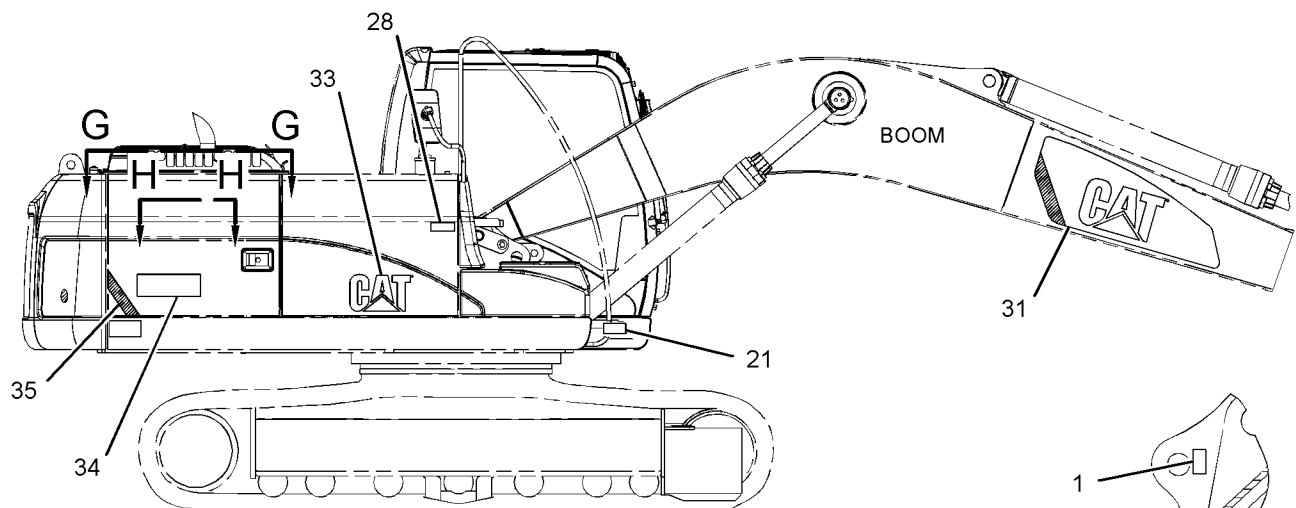
TOP VIEW



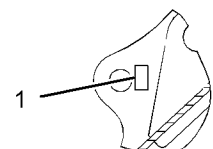
VIEW G-G



VIEW E-E



RIGHT SIDE VIEW



VIEW F-F

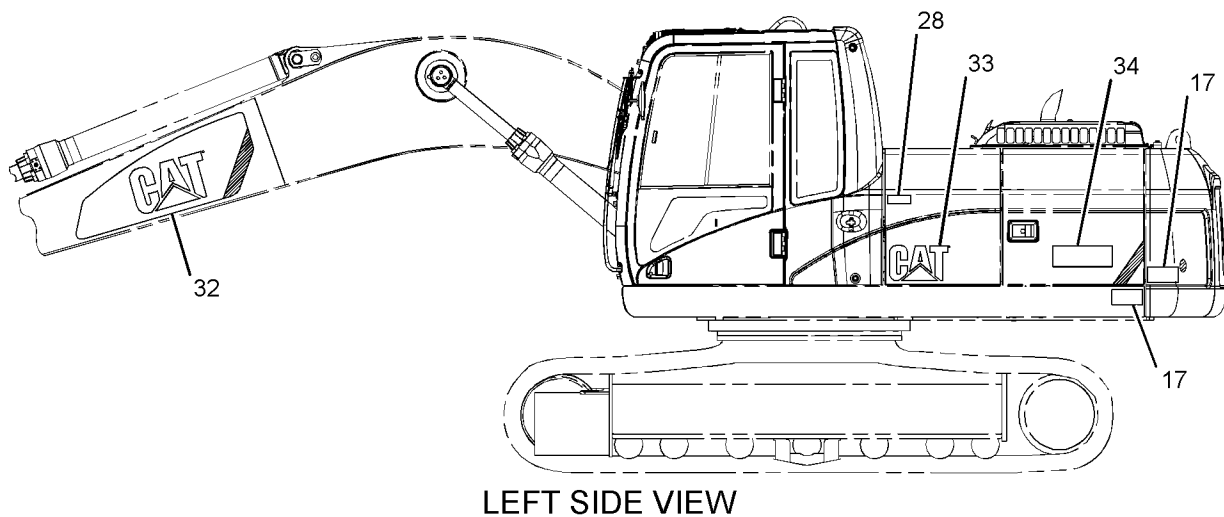
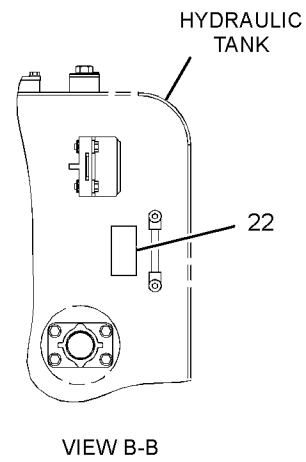
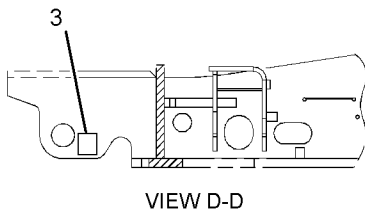
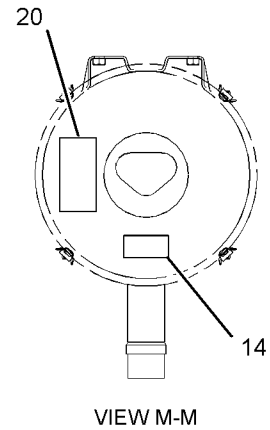
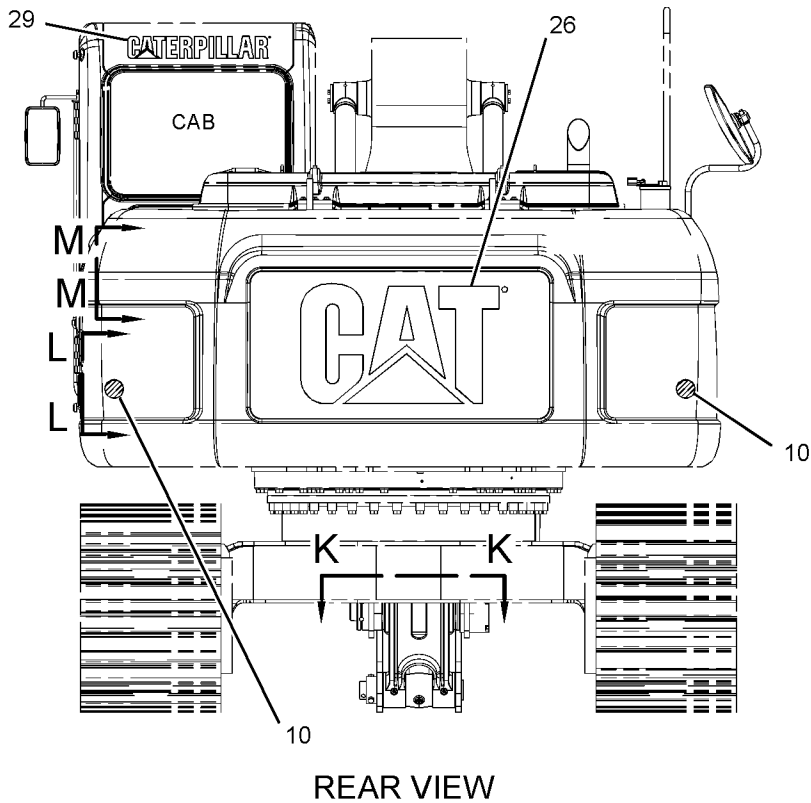
GRAPHIC #1

g01398387

SERVICE EQUIPMENT AND SUPPLIES

275 - 3684 PLATE & FILM GP (contd.)

i02775848



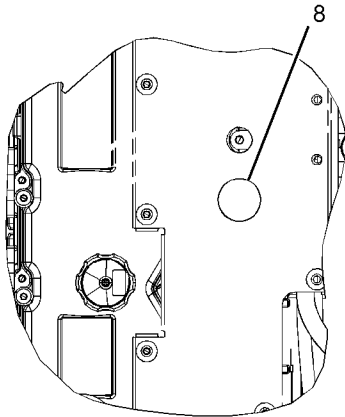
GRAPHIC #2

g01398389

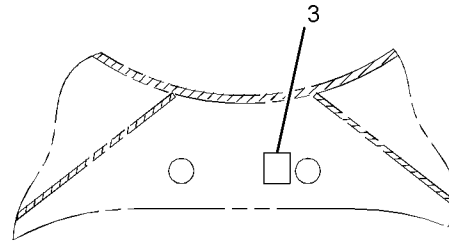
SERVICE EQUIPMENT AND SUPPLIES

275 - 3684 PLATE & FILM GP (contd.)

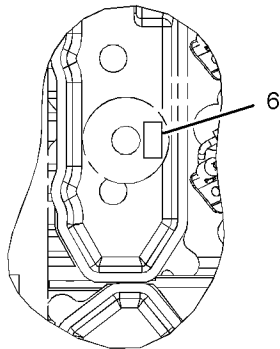
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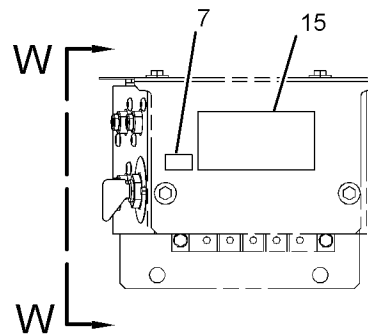
VIEW H-H



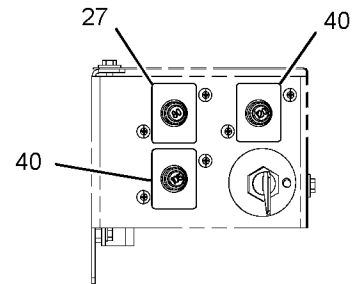
VIEW K-K



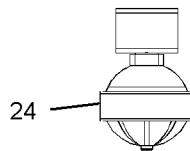
VIEW H-H
(ALTERNATE VIEW)



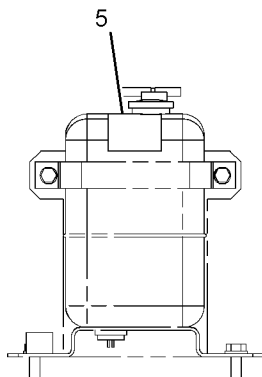
VIEW L-L



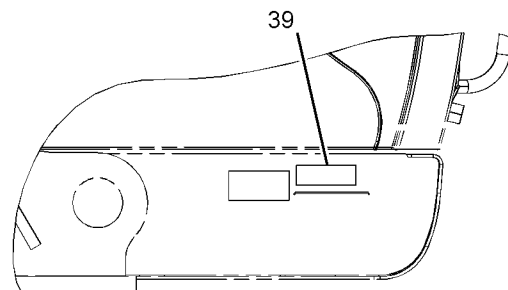
VIEW W-W



VIEW C-C



VIEW A-A



VIEW N-N

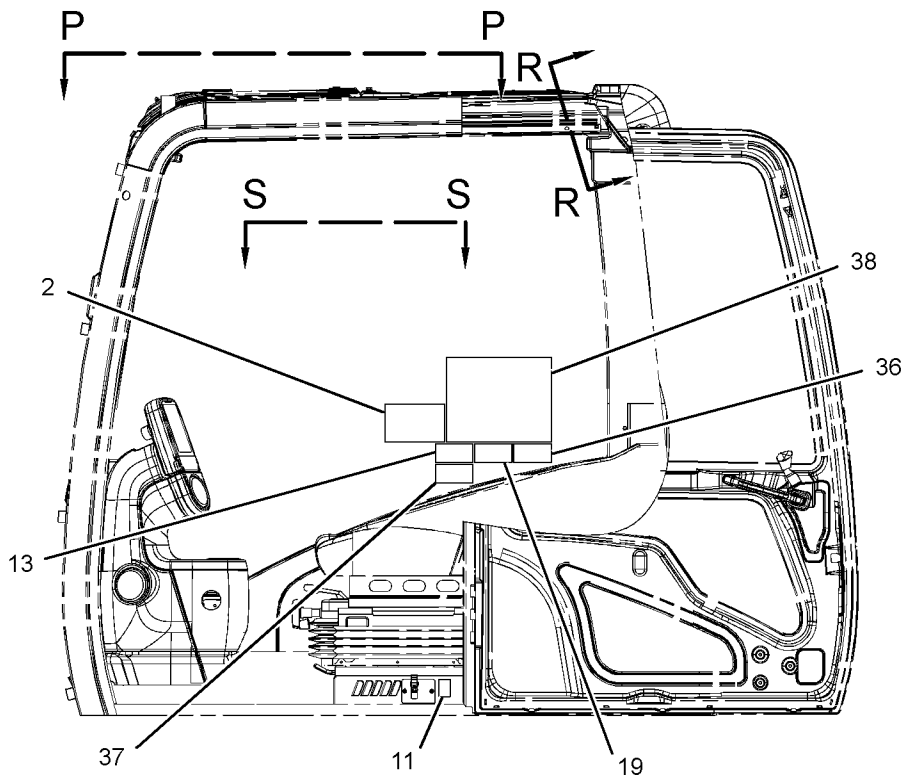
GRAPHIC #3

g01395510

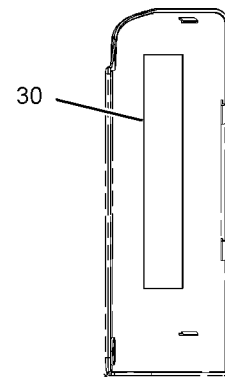
SERVICE EQUIPMENT AND SUPPLIES

275 - 3684 PLATE & FILM GP (contd.)

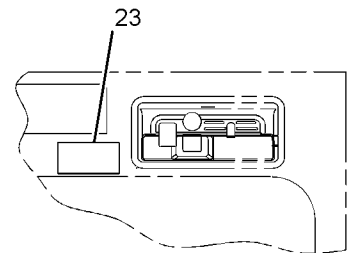
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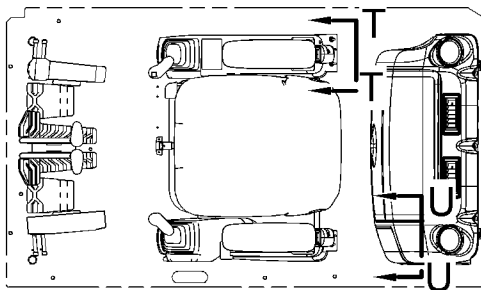
LEFT SIDE VIEW
(CAB)



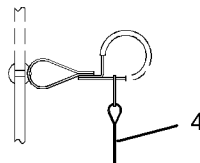
VIEW U-U



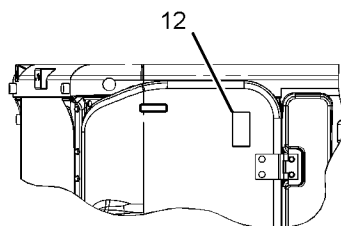
VIEW R-R



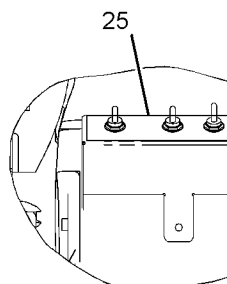
VIEW S-S



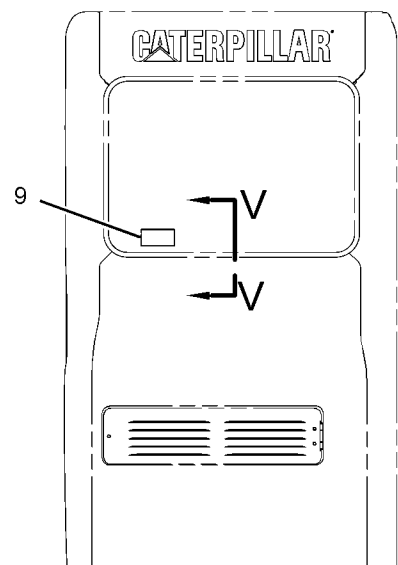
VIEW V-V



VIEW P-P



VIEW T-T



REAR VIEW
(CAB)

GRAPHIC #4

<END>

g01395610

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