

Parts Manual



See "General Information"
for New Parts Manual
Features.

824H Wheel Dozer

ASX1-Up (Machine)
LHX1-Up (Engine)
DRP1-Up (Transmission)
M8X1-Up (Torque Converter)

Powered By C15 Engine

This Parts Manual is also Available in .PDF Format on Compact
Disc(CD-ROM)-Caterpillar Form No. SERP4003

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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* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN

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.

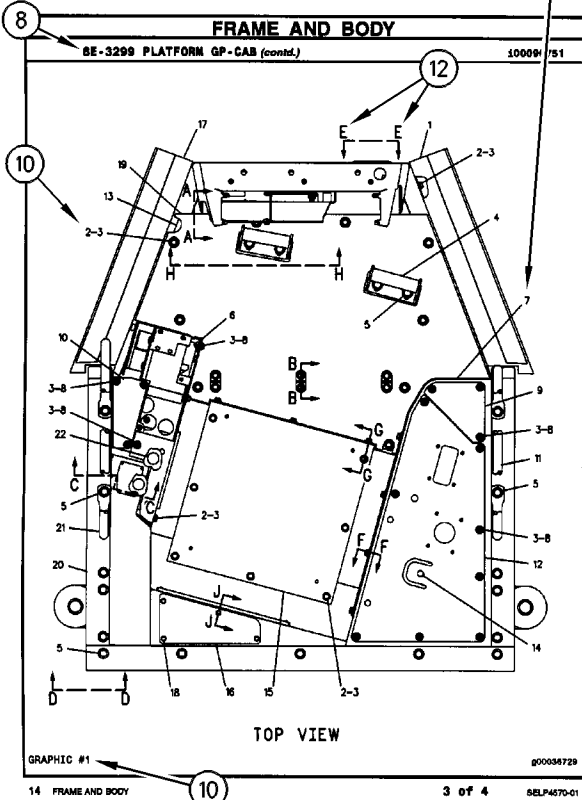
NOTE:

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

8		FRAME AND BODY				1
		8E-3299 PLATFORM GP-CAB				
		PIN 35K1-00000				
8MCS-7253						100090751
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1		3T-2083	1	PLATE AS	
	2		8E-3092	25	BOLT (3/8-18X.750IN)	
	3		8T-1078	41	WASHER-HARD (3MM THK)	
	4		9F-1064	2	SPACER AS-FOOT	
	5		8T-3230	19	BOLT (1/2-13X1IN)	
	5		8T-3230	19	WASHER-HARD (4MM THK)	
	6		8E-8150	1	COVER AS-LIN	
	7		9F-2078	8	MUT-WELD (3/8-16 THD)	
	7		1F-8189	1	CULP	
	7		7T-2411	4	COVER	
	8		8E-0488	19	SCREW-HEAD (3/8-16X.875IN)	
	9		8E-0474	1	COVER	
			8E-8912	1	GASKET	
	10		8E-3249	1	GASKET	
			8E-3250	1	GASKET	
	11		8T-3230	1	HANDHOLD	
	12		8E-8078	1	COVER AS	
			9F-2078	8	MUT-WELD (3/8-16 THD)	
			8E-8078	1	GASKET	
	13		7T-9131	1	FLOORPLATE AS	
			1F-0748	4	MUT-WELD (1/2-13 THD)	
	14		7F-0087	1	PLUG-BUTTON	
	15		7T-9136	1	PLATE AS	
			9F-2078	5	MUT-WELD (3/8-16 THD)	
	18		7T-8096	1	COVER	
			7T-0070	1	GASKET	
	17		8T-3081	1	PLATE AS	
	18		8T-8084	4	BOLT (1/4-20X.652IN)	
	19		8T-8095	4	WASHER-HARD (2MM THK)	
			8T-8044	1	FLAT WAS	
	20		8E-8046	1	MODULE AS-OPERATOR	
	21		3T-3534	1	HANDHOLD	
	22		9F-8071	2	PLUG	
			8T-5384	4	BOLT (1/4-20X.652IN)	
	23		8T-4290	4	WASHER-HARD (2MM THK)	
	24		8E-3092	17	BOLT (3/8-18X.750IN)	
	25		8T-1078	21	WASHER-HARD (3MM THK)	
	26		7T-9136	1	SPACER	
	27		7X-0078	2	BOLT (3/4-10X5IN)	
	27		7X-0082	2	WASHER-HARD (6MM THK)	
	28		3T-2448	2	PLATE	
	29		8T-5380	1	PLATE AS	
			7X-4028	8	SPACER	
	30		3T-6261	1	SEAL	
	31		7X-0017	1	GASKET	
	32		7X-0016	1	COVER AS	
			2R-8278	2	WASHER	
			9F-8026	2	SCREW-KNOBLED	
	33		9F-2459	1	COVER	
	34		8E-8087	1	COVER	
	35		8D-3001	8	SCREW-ROCKET HEAD	
	36		9F-3145	8	SPACING	
	37		9F-0057	2	PLATE	
	38		7X-0090	2	BOLT (7/8-8X5IN)	
	39		7X-0072	2	WASHER-HARD	
	40		4L-6454	4	BOLT (3/8-18X1.0IN)	
					COVER	

1 of 4 SELF 170-01



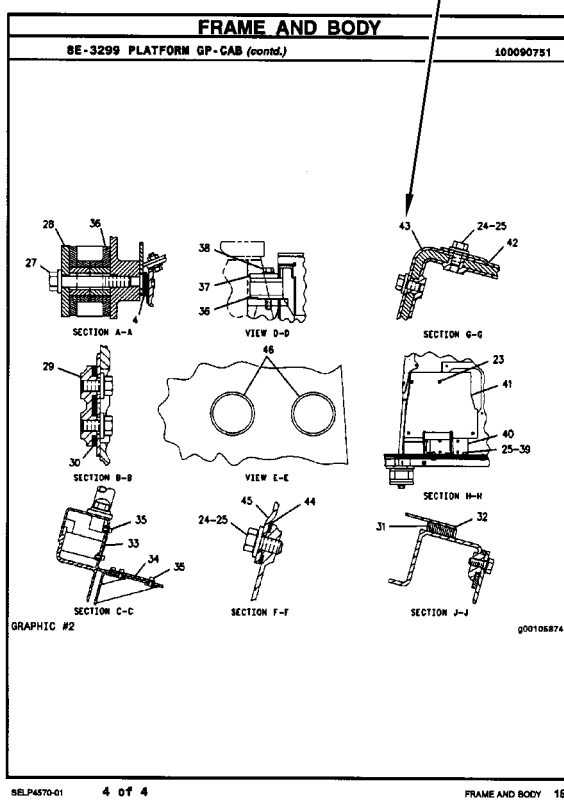
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FRAME AND BODY						
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NOTE	NO	REF				SEE PAGE
41	2	8E-3516	1	COVER		
42	2	77-0134	1	PLATE		
43	2	77-0198	1	GASKET		
44	2	78-8724	1	GASKET		
45	2	78-8723	1	COVER		
46	2	8Y-1982	2	PLUG-BUTTON		

N-METRIC PART

10

FRAME AND BODY 13



FRAME AND BODY 16

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 38K1-00990

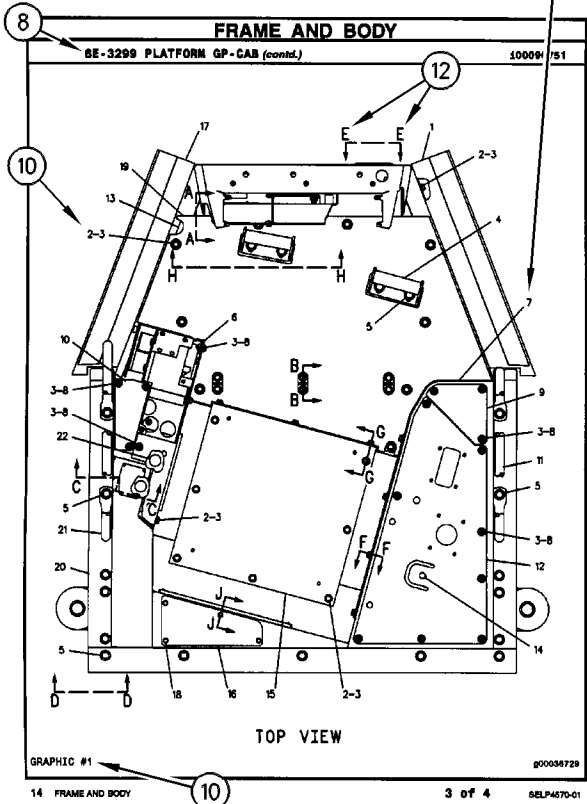
1

8MC-7283

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NOTE	REF NO	GRAPHIC REF	PART NAME	QTY	PART NAME	QTY	PRODUCT/REV	SEE PAGE
	1	ST-2082	PLATE AS					
	2	8E-3092	BOLT (3/8-16X.750IN)	25				
	3	8E-1072	41 WASHER-HARD (3MM THK)					
	4	8E-1464	2 FLUOR-1-FOOT					
	5	8E-2229	19 BOLT (1/2-13X11IN)					
	6	8E-1072	41 WASHER-HARD (4MM THK)					
	8	8E-8136	COVER AS-LV					
	9	8E-2073	8 MUT-WELD (3/8-16 THD)					
	10	1F-8188	1 CLIP					
	11	7B-2411	4 COVER					
	12	8E-0488	18 SCREW-HEAD (3/8-16X.875IN)					
	13	8E-0474	1 COVER					
	14	8E-8912	1 GASKET					
	15	8E-2349	1 GASKET					
	16	8E-2380	1 GASKET					
	17	8T-2630	1 HANDHOLD					
	18	8E-8078	1 COVER AS					
	19	8E-2073	8 MUT-WELD (3/8-16 THD)					
	20	8E-8078	1 GASKET					
	21	7T-5131	1 FLOORPLATE AS					
	22	1F-0748	4 MUT-WELD (1/2-13 THD)					
	23	7T-0087	1 PUSH-BUTTON					
	24	7T-0196	1 PLATE					
	25	8E-2073	5 MUT-WELD (3/8-16 THD)					
	26	7T-0096	1 COVER					
	27	7T-0779	1 GASKET					
	28	8T-2081	1 PLATE AS					
	29	8T-0484	4 BOLT (1/4-20X.650IN)					
	30	8T-1326	1 WASHER-HARD (3MM THK)					
	31	8T-0484	1 FLOOR MAT					
	32	8E-8846	1 MODULE AS-OPERATOR					
	33	2T-2834	1 HANDHOLD					
	34	8E-8073	2 FLUOR					
	35	8T-0484	4 BOLT (1/4-20X.625IN)					
	36	8T-1326	4 WASHER-HARD (3MM THK)					
	37	8E-3092	17 BOLT (3/8-16X.750IN)					
	38	8E-1072	21 WASHER-HARD (3MM THK)					
	39	7T-0138	1 SEAL					
	40	7X-0078	2 BOLT (3/4-10X5IN)					
	41	7X-0082	2 WASHER-HARD (3MM THK)					
	42	2T-2482	2 PLATE					
	43	2T-5180	1 PLATE AS					
	44	7X-0082	6 SPACER					
	45	2T-6281	1 SEAL					
	46	7X-0077	1 GASKET					
	47	7X-0016	1 COVER AS					
	48	2X-2276	2 WASHER					
	49	8E-0629	2 SCREW-ROUNDED					
	50	8E-3459	1 COVER					
	51	8E-0597	1 COVER					
	52	8E-2081	8 SCREW-ROCKET HEAD					
	53	8E-2142	8 WELDING					
	54	8E-0027	2 PLATE					
	55	2T-0090	2 BOLT (7/8-8X6IN)					
	56	7X-0072	2 WASHER-HARD					
	57	8E-0484	2 BOLT (3/8-16X1.02IN)					
	58	2T-4788	1 COVER					

1 of 4 SELF 170-01

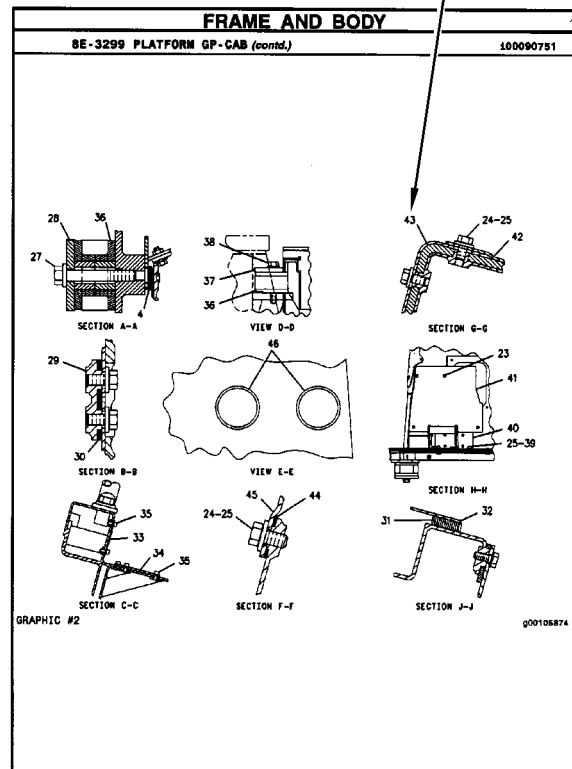


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8E-3298 PLATFORM GP-CAB (cont'd)						100090751
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	41	2	8E-3818	1	COVER	
	42	2	77-0134	1	PLATE	
	43	2	77-0128	1	GASKET	
	44	2	78-8726	1	GASKET	
	45	2	78-8723	1	COVER	
	46	2	8Y-1060	2	PLUG-BUTTON	

M-METRIC PART

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 *

Diagrama de la estructura del PIN de 17 caracteres:

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.

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. ABREVIACÕES 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

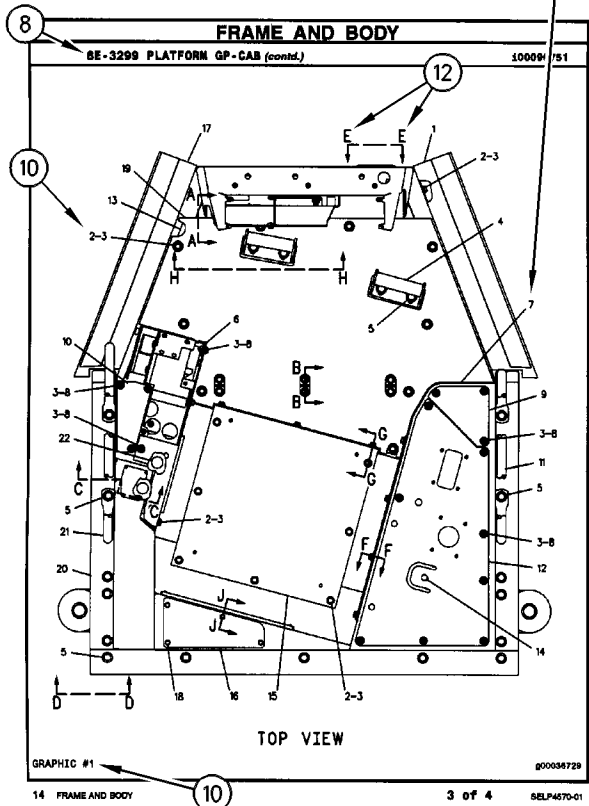
FRAME AND BODY **8E-3299 PLATFORM GP-CAB** PIN 35X1-99999

SMCS-7293

100090751

NOTE	REF NO.	GRAPHIC REF	PART NAME	QTY	PART NAME	QTY	PRODUCT NUMBER	SEE PAGE
	1	2T-2082	PLATE AS	1				
	2	8E-3002	BOLT (3/8-18X.750IN)	25				
	3	8P-1076	WASHER-HARD (3MM THK)	41				
	4	8P-1464	SUPPORT AS FOOT	2				
	5	8P-3299	BOLT (1/2-13X11IN)	18				
	6	8P-1076	WASHER-HARD (4MM THK)	19				
	7	8E-5130	COVER AS-LH	1				
	8	8P-3073	NUT-WELD (3/8-16 THD)	4				
	9	8P-5130	CLIP	1				
	10	7B-3411	COVER	4				
	11	8P-5480	SCREW-HEAD (3/8-16X.875IN)	18				
	12	8P-1076	COVER AS	1				
	13	8E-3912	GASKET	1				
	14	8E-3299	COVER	1				
	15	8E-2880	GASKET	1				
	16	8P-3069	HANDHOLD	1				
	17	8P-1076	COVER AS	1				
	18	8P-3073	NUT-WELD (3/8-16 THD)	8				
	19	8E-3073	GASKET	1				
	20	7P-5131	FLOORPLATE AS	1				
	21	1P-5748	NUT-WELD (1/2-13 THD)	4				
	22	7P-5087	FLUSH-BUTTON	1				
	23	7P-5130	PLATE AS	1				
	24	8P-3073	NUT-WELD (3/8-16 THD)	5				
	25	7T-8086	COVER	1				
	26	7P-5770	GASKET	1				
	27	2T-2081	PLATE AS	1				
	28	8T-8084	BOLT (1/4-20X.625IN)	4				
	29	8T-4206	WASHER-HARD (2MM THK)	4				
	30	8E-8484	FLOOR MAT	1				
	31	8E-8948	MODULE AS-OPERATOR	1				
	32	2T-2834	HANDHOLD	1				
	33	8P-5871	FLUSH	2				
	34	2T-5284	BOLT (1/4-20X.625IN)	4				
	35	8T-4206	WASHER-HARD (2MM THK)	4				
	36	8E-3002	BOLT (3/8-18X.750IN)	17				
	37	8P-1076	WASHER-HARD (3MM THK)	21				
	38	7P-5130	PLATE AS	1				
	39	7X-0076	BOLT (3/4-10X5IN)	2				
	40	7X-0082	WASHER-HARD (6MM THK)	2				
	41	2T-3482	PLATE AS	2				
	42	2T-5280	PLATE AS	1				
	43	7B-6828	SPACER	8				
	44	2T-5281	SEAL	1				
	45	7B-6817	GASKET	1				
	46	7B-6816	COVER AS	1				
	47	2R-8276	WASHER	2				
	48	8P-5939	SCREW-SQUARE	2				
	49	8P-3459	COVER	1				
	50	8E-9087	COVER	1				
	51	8P-3091	SCREW-ROCKET HEAD	6				
	52	8E-5145	SPRINTING	6				
	53	8E-9087	PLATE	2				
	54	7X-0080	BOLT (7/8-8X6IN)	2				
	55	7X-0072	WASHER-HARD	2				
	56	8E-5154	BOLT (3/8-18X1.0IN)	4				
	57	2T-5783	COVER	1				

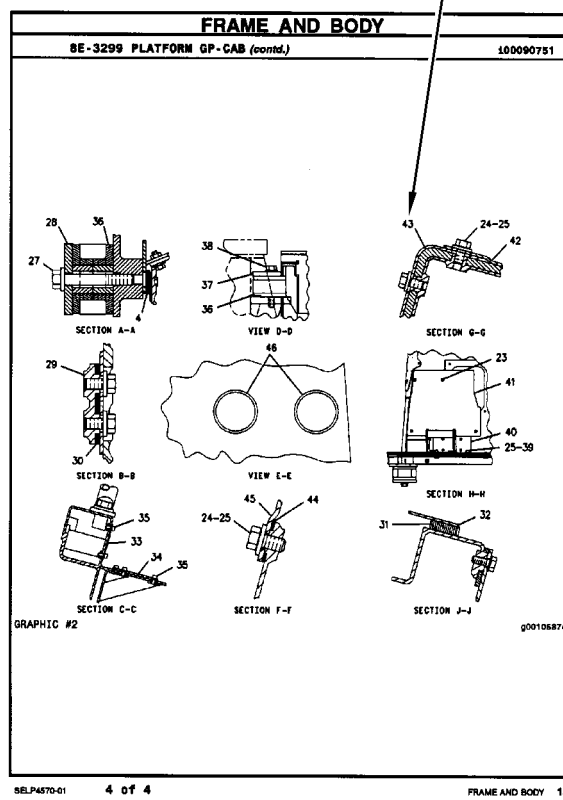
1 of 4 SELF 170-01



3 of 4 SFLP4570-01

8E-3298 PLATFORM GP-CAB (contd.)							100090751
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	PRODUCT LEVEL	SEE PAGE
	41	2	8E-3518	1	COVER		
	42	2	7T-9134	1	PLATE		
	43	2	7T-9139	1	GASKET		
	44	2	7R-8724	1	GASKET		
	45	2	7R-8723	1	COVER		
	48	2	8Y-1959	2	PLUG-BUTTON		
N-METRIC PART							

FRAME AND BODY 13



FRAME AND BODY 16

ALLGEMEINE HINWEISE

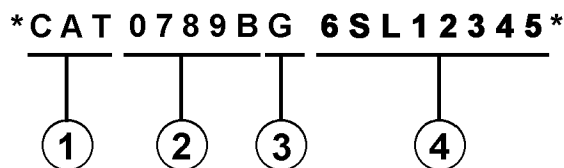
1. MASCHINENKENNZEICHNUNG

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.

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

MAINTENANCE PARTS

DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE
AIR INLET AND EXHAUST SYSTEM				
FILTER ELEMENT AS-AIR (PRIMARY)	106-3969	1	AIR CLEANER GP	127
FILTER ELEMENT AS-AIR (SECONDARY)	106-3973	1	AIR CLEANER GP	127
BASIC ENGINE				
BELT-SERPENTINE	190-6560	1	BELT TENSIONER GP	14
PLUG-DRAIN (OIL PAN)	9X-6451	1	PLUG GP-OIL PAN	77
SEAL-VALVE COVER	242-9537	1	COVER GP-VALVE MECHANISM	21
		1	COVER GP-VALVE MECHANISM	22
COOLING SYSTEM				
CAP-PRESSURE (7-PSI) (RADIATOR)	6L-8617	1	LINES GP-WATER	113
GASKET-REGULATOR (HOUSING)	139-3550	1	LINES GP-WATER	111
PLUG-DRAIN (RADIATOR)	6N-9590	1	VALVE GP-RADIATOR DRAIN	124
REGULATOR-WATER TEMPERATURE (92-DEG C) (COOLANT)	248-5513	2	LINES GP-WATER	111
SEAL-LIP TYPE (WATER TEMPERATURE REGULATOR)	3S-9643	2	LINES GP-WATER	111
ELECTRICAL AND STARTING SYSTEM				
BATTERY GP (12-VOLT, MAINTENANCE FREE, WET)	115-2422	4	BATTERY & WIRING GP	197
		4	BATTERY & WIRING GP	200
		4	BATTERY & WIRING GP	203
BATTERY GP (24-VOLT, CAES)	167-8984	1	INSTALLATION AR-CAES	224
		1	INSTALLATION AR-CAES	227
CIRCUIT BREAKER AS (105-AMPERE) (MAIN)	171-2212	1	WIRING GP-RELAY PANEL	397
CIRCUIT BREAKER AS (15-AMPERE) (A/C, HEATER CONTROL)	6T-3643	1	WIRING GP-CAB	311
		1	WIRING GP-CAB	319
		1	WIRING GP-CAB	328
CIRCUIT BREAKER AS (15-AMPERE) (AIR CONDITIONER)	6T-3643	1	WIRING GP-CAB	311
		1	WIRING GP-CAB	319
CIRCUIT BREAKER AS (15-AMPERE) (ENGINE ECM)	6T-3643	1	WIRING GP-RELAY PANEL	393
		1	WIRING GP-RELAY PANEL	397
CIRCUIT BREAKER AS (15-AMPERE) (RUNNING LIGHTS)	3T-2662	1	WIRING GP-RELAY PANEL	393
		1	WIRING GP-RELAY PANEL	397
CIRCUIT BREAKER AS (15-AMPERE) (SEAT BREAKER)	6T-3643	1	WIRING GP-CAB	311
		1	WIRING GP-CAB	319
		1	WIRING GP-CAB	328
CIRCUIT BREAKER AS (20-AMPERE) (AIR CONDITIONER)	6T-3644	1	WIRING GP-CAB	328
CIRCUIT BREAKER AS (30-AMPERE) (FUSE)	6N-9349	1	WIRING GP-RELAY PANEL	393
CIRCUIT BREAKER AS (30-AMPERE) (UNSWITCHED BAT POWER TO CAB)	6N-9349	1	WIRING GP-RELAY PANEL	397
CIRCUIT BREAKER AS (40-AMPERE) (START RELAY)	171-2205	1	WIRING GP-RELAY PANEL	397

MAINTENANCE PARTS

DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE
CIRCUIT BREAKER AS (80-AMPERE) (ALTERNATOR)	171-2210	1	WIRING GP-RELAY PANEL	393
CIRCUIT BREAKER AS (80-AMPERE) (MAIN)	171-2210	1	WIRING GP-RELAY PANEL	393
ELEMENT AS-JACKET WATER HEATER (1500 WATT-220 VOLT)	207-6901	1	HEATER GP-JACKET WATER	222
FLASHER AS (24-VOLT)	108-0358	1	SWITCH GP-SIGNAL	302
FUSE (10-AMPERE)	9W-1442	28	WIRING GP-CAB	309
		21	WIRING GP-CAB	317
		21	WIRING GP-CAB	326
FUSE (15-AMPERE)	9W-1441	4	WIRING GP-CAB	309
		6	WIRING GP-CAB	317
		8	WIRING GP-CAB	326
FUSE (20-AMPERE)	9W-1446	5	WIRING GP-CAB	320
		3	WIRING GP-CAB	326
KEY (BATTERY DISCONNECT)	8H-5306	1	SWITCH GP-DISCONNECT	296
LAMP-HALOGEN (24-VOLT, 65-WATT)	9X-3463	1	LAMP GP-FLOOD	236
		1	LAMP GP-FLOOD	237
LAMP (24-VOLT)	7N-9943	1	LAMP GP-DOME	235
	163-1884	2	SWITCH GP-SIGNAL	302
LAMP (24-VOLT) (AUTO BLADE PITCH ANGLE)	163-1878	1	WIRING GP-CAB	309
		1	WIRING GP-CAB	318
		1	WIRING GP-CAB	327
LAMP (24-VOLT) (DECELERATOR ENABLE INDICATOR)	163-1878	1	WIRING GP-CAB	309
		1	WIRING GP-CAB	318
		1	WIRING GP-CAB	327
LAMP (24-VOLT) (LOCKUP CLUTCH)	163-1878	1	WIRING GP-CAB	309
		1	WIRING GP-CAB	318
		1	WIRING GP-CAB	327
LAMP (24-VOLT) (MASTER ACTION)	163-1876	1	WIRING GP-CAB	309
		1	WIRING GP-CAB	318
		1	WIRING GP-CAB	327
LAMP (24-VOLT) (QUAD GAGE PANEL)	110-2079	1	WIRING GP-CAB	326
		1	WIRING GP-CAB	309
		1	WIRING GP-CAB	317
LAMP (24-VOLT) (SPEDOMETER PANEL)	110-2079	1	WIRING GP-CAB	309
		1	WIRING GP-CAB	317
LAMP (24-VOLT) (SPEEDOMETER PANEL)	110-2079	1	WIRING GP-CAB	326
LAMP (24-VOLT) (TACHOMETER PANEL)	110-2079	1	WIRING GP-CAB	309
		1	WIRING GP-CAB	317
		1	WIRING GP-CAB	326
LAMP (24-VOLT) (TEMPERATURE SELECTION)	110-2079	2	WIRING GP-CAB	309
		2	WIRING GP-CAB	317
		2	WIRING GP-CAB	326
LAMP (24-VOLT) (THROTTLE LOCK INDICATOR)	163-1878	1	WIRING GP-CAB	309
		1	WIRING GP-CAB	318
		1	WIRING GP-CAB	327

MAINTENANCE PARTS

DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE
LAMP (24-VOLT, 21-WATT)	9X-4493	2	LIGHTING GP-SIGNAL	248
LAMP (24-VOLT, 70-WATT)	9X-7849	1	LAMP GP-WARNING BEACON	240
FUEL SYSTEM				
CAP AS-FILLER (FUEL TANK)	7X-7700	1	TANK GP-FUEL	186
FILTER AS-FUEL (ADVANCED EFFICIENCY) (SECONDARY)	1R-0762	1	FILTER & MTG GP-FUEL	152
		1	FILTER & MTG GP-FUEL	156
		1	FILTER & MTG GP-FUEL	160
FILTER AS-WATER SEP & FUEL (PRIMARY)	1R-0770	1	FILTER GP-WATER SEP & FUEL	164
STRAINER-FUEL	9P-7121	1	TANK GP-FUEL	186
HYDRAULIC SYSTEM				
CAP-FILLER (HYDRAULIC TANK)	7H-1447	1	TANK GP-HYDRAULIC	722
FILTER ELEMENT AS-OIL (STANDARD EFFICIENCY)	1R-0722	2	TANK GP-HYDRAULIC	722
GASKET	9H-6454	1	TANK GP-HYDRAULIC	722
PLUG-DRAIN (HYDRAULIC TANK)	9J-7031	1	TANK GP-HYDRAULIC	722
STRAINER AS-OIL (HYDRAULIC TANK)	5D-7927	1	TANK GP-HYDRAULIC	722
STRAINER (HYDRAULIC)	200-5978	1	LINES GP-PILOT	701
STRAINER (HYDRAULIC OIL SCREEN)	233-7419	1	LINES GP-HYDRAULIC OIL COOLER	688
		1	LINES GP-HYDRAULIC OIL COOLER	693
LUBRICATION SYSTEM				
CAP-OIL FILLER (ENGINE)	9L-8439	1	FILLER GP-ENGINE OIL	87
FILTER AS-ENGINE OIL (ADVANCED EFFICIENCY)	1R-0716	1	FILTER GP-ENGINE OIL	88
	1R-1808	1	FILTER GP-ENGINE OIL	90
		1	FILTER GP-ENGINE OIL	92
OPERATOR STATION				
BLADE AS-WIPER (700-MM)	6V-7419	2	WIPER GP-WINDOW	906
		2	WIPER GP-WINDOW	909
CAP (WINDOW WASHER)	3W-6398	1	WASHER GP-WINDOW	899
FILTER-CAB AIR	107-0266	1	DUCT & FILTER GP-CAB AIR	809
	112-7448	1	DUCT & FILTER GP-CAB AIR	809
GASKET	123-2896	1	PANEL GP-INSTRUMENT	858
KEY-HANDLE	3V-7476	1	DUCT & FILTER GP-CAB AIR	809
RECEIVER-DRYER GP (REFRIGERANT)	175-7162	1	LINES GP-AIR CONDITIONER	824
		1	LINES GP-AIR CONDITIONER	826
SEAT BELT GP (RETRACTABLE)	222-0345	1	SEAT GP	886

MAINTENANCE PARTS

DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE
POWER TRAIN				
BREATHER AS (TRANSMISSION)	9G-5127	1	CONTROL GP-TRANSMISSION HYD	409
CAP-FILLER (POWER TRAIN)	5K-1568	1	FILLER GP-POWER TRAIN OIL	429
FILTER ELEMENT AS-OIL (ULTRA HIGH EFFICIENCY) (POWER TRAIN)	132-8876	1	FILTER GP-OIL	430
PLUG-DRAIN (HYDRAULIC, TRANSMISSION)	9J-7031	1	GEAR GP-OUTPUT TRANSFER	432
PLUG-MAGNETIC	5P-4484	1	AXLE GP-FIXED	404
		1	AXLE GP-OSCILLATING	405
SCREEN-SUCTION	8M-3837	1	WHEEL & FINAL DRIVE GP	476
	4S-8598	1	GEAR GP-OUTPUT TRANSFER	432
STEERING SYSTEM				
SEAL-O-RING	8C-3097	1	VALVE GP-RELIEF	662
STRAINER (HYDRAULIC OIL)	187-1667	1	LINES GP-STEERING	613
		1	LINES GP-STEERING	621
		1	LINES GP-STEERING	629

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CIRCUIT D'ADMISSION D'AIR ET D'ÉCHAPPEMENT				
ÉLÉMENT DE FILTRE À AIR (ENS) (PRINCIPAL)	106-3969	1	FILTRE A AIR (ASS)	127
ÉLÉMENT DE FILTRE À AIR (ENS) (SECONDAIRE)	106-3973	1	FILTRE A AIR (ASS)	127
CIRCUIT DE CARBURANT				
BOUCHON DE GOULOTTE DE REMPLISSAGE (ENS) (RÉSERVOIR DE CARBURANT)	7X-7700	1	RÉSERVOIR DE CARBURANT (ASS)	186
FILTRE - SÉPARATEUR D'EAU ET DE CARBURANT (ENS) (PRINCIPAL)	1R-0770	1	FILTRE DE SÉPARATEUR D'EAU ET DE CARBURANT (ASS)	164
FILTRE À CARBURANT	9P-7121	1	RÉSERVOIR DE CARBURANT (ASS)	186
FILTRE A CARBURANT (ENS) (EFFICACITÉ AVANCÉE) (AUXILIAIRE)	1R-0762	1	FILTRE A CARBURANT ET MONTAGE (ASS)	152
		1	FILTRE A CARBURANT ET MONTAGE (ASS)	156
		1	FILTRE A CARBURANT ET MONTAGE (ASS)	160
CIRCUIT DE DIRECTION				
CREPINE (HUILE HYDRAULIQUE)	187-1667	1	CANALISATIONS DE DIRECTION (ASS)	613
		1	CANALISATIONS DE DIRECTION (ASS)	621
		1	CANALISATIONS DE DIRECTION (ASS)	629
JOINT TORIQUE	8C-3097	1	CLAPET DE DECHARGE (ASS)	662
CIRCUIT DE GRAISSAGE				
BOUCHON DE GOULOTTE DE REMPLISSAGE D'HUILE (MOTEUR)	9L-8439	1	BOUCHON DE REMPLISSAGE D'HUILE MOTEUR (ASS)	87
FILTRE A HUILE MOTEUR (ENS) (EFFICACITÉ AMÉLIORÉE)	1R-0716	1	FILTRE À HUILE MOTEUR (ASS)	88
FILTRE A HUILE MOTEUR (ENS) (EFFICACITÉ AVANCÉE)	1R-1808	1	FILTRE À HUILE MOTEUR (ASS)	90
		1	FILTRE À HUILE MOTEUR (ASS)	92
CIRCUIT DE REFROIDISSEMENT				
BOUCHON DE VIDANGE (RADIATEUR)	6N-9590	1	ROBINET DE VIDANGE DE RADIATEUR (ASS)	124
COUVERCLE DE PRESSION (7-PSI) (RADIATEUR)	6L-8617	1	CANALISATIONS D'EAU (ASS)	113
JOINT DE RÉGULATEUR (CARTER)	139-3550	1	CANALISATIONS D'EAU (ASS)	111
THERMOSTAT-TEMPÉRATURE D'EAU (92-DEG C) (LIQUIDE DE REFROIDISSEMENT)	248-5513	2	CANALISATIONS D'EAU (ASS)	111
TYPE LÈVRE À JOINT (RÉGULATEUR DE TEMPÉRATURE D'EAU)	3S-9643	2	CANALISATIONS D'EAU (ASS)	111
CIRCUIT ELECTRIQUE ET DE DEMARRAGE				
AMPOULE (24 VOLTS)	163-1884	2	INTERRUPTEUR - SIGNAL (ASS)	302

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	7N-9943	1	PLAFONNIER (ASS)	235
AMPOULE (24 VOLTS) (ANGLE D'INCLINAISON AUTOMATIQUE DE LAME)	163-1878	1	CABLAGE DE CABINE (ASS)	318
		1	CABLAGE DE CABINE (ASS)	327
		1	CABLAGE DE CABINE (ASS)	309
AMPOULE (24 VOLTS) (EMBRAYAGE DE VERROUILLAGE)	163-1878	1	CABLAGE DE CABINE (ASS)	318
		1	CABLAGE DE CABINE (ASS)	327
		1	CABLAGE DE CABINE (ASS)	309
AMPOULE (24 VOLTS) (PANNEAU DE COMPTE-TOURS)	110-2079	1	CABLAGE DE CABINE (ASS)	317
		1	CABLAGE DE CABINE (ASS)	326
		1	CABLAGE DE CABINE (ASS)	309
AMPOULE (24 VOLTS) (PANNEAU DE QUATRE INSTRUMENTS)	110-2079	1	CABLAGE DE CABINE (ASS)	317
		1	CABLAGE DE CABINE (ASS)	326
		1	CABLAGE DE CABINE (ASS)	309
AMPOULE (24 VOLTS) (PANNEAU D'INDICATEUR DE VITESSE)	110-2079	1	CABLAGE DE CABINE (ASS)	317
		1	CABLAGE DE CABINE (ASS)	309
AMPOULE (24 VOLTS) (SÉLECTEUR DE TEMPÉRATURE)	110-2079	2	CABLAGE DE CABINE (ASS)	317
		2	CABLAGE DE CABINE (ASS)	326
		2	CABLAGE DE CABINE (ASS)	309
AMPOULE (24 VOLTS) (*SPEEDOMETER PANEL)	110-2079	1	CABLAGE DE CABINE (ASS)	326
AMPOULE (24 VOLTS) (TÉMOIN DE VERROUILLAGE D'ACCÉLÉRATEUR)	163-1878	1	CABLAGE DE CABINE (ASS)	318
		1	CABLAGE DE CABINE (ASS)	327
		1	CABLAGE DE CABINE (ASS)	309
AMPOULE (24 VOLTS) (TÉMOIN D'ENCLenchement DE DÉCÉLÉRATEUR)	163-1878	1	CABLAGE DE CABINE (ASS)	318
		1	CABLAGE DE CABINE (ASS)	327
		1	CABLAGE DE CABINE (ASS)	309
AMPOULE (24 VOLTS) (TÉMOIN PRINCIPAL DE MISE EN GARDE)	163-1876	1	CABLAGE DE CABINE (ASS)	318
		1	CABLAGE DE CABINE (ASS)	327
		1	CABLAGE DE CABINE (ASS)	309
AMPOULE (24V, 21W)	9X-4493	2	ÉCLAIRAGE CLIGNOTANT	248
AMPOULE (24V, 70W)	9X-7849	1	LAMPE - GYROPHARE (ASS)	240
BATTERIE (ASS) (12V, SANS ENTRETIEN, À BAIN D'HUILE)	115-2422	4	BATTERIE ET CÂBLAGE	197
		4	BATTERIE ET CÂBLAGE	200
		4	BATTERIE ET CÂBLAGE	203
BATTERIE (ASS) (*24-VOLT, CAES)	167-8984	1	VERSION DE MONTAGE DE CAES	224
		1	VERSION DE MONTAGE DE CAES	227
CLÉ (COUPE-BATTERIE)	8H-5306	1	ROBINET DE BATTERIE (ASS)	296
CLIGNOTANT (ENS) (24 VOLTS)	108-0358	1	INTERRUPTEUR - SIGNAL (ASS)	302
DISJONCTEUR (ENS) (105A) (PRINCIPAL)	171-2212	1	CABLAGE - PANNEAU DE RELAIS	397

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DISJONCTEUR (ENS) (15A) (CLIMATISEUR)	6T-3643	1	CABLAGE DE CABINE (ASS)	311
DISJONCTEUR (ENS) (15A) (COMMANDE DE CHAUFFAGE, CLIMATISATION)	6T-3643	1	CABLAGE DE CABINE (ASS)	319
		1	CABLAGE DE CABINE (ASS)	311
		1	CABLAGE DE CABINE (ASS)	319
		1	CABLAGE DE CABINE (ASS)	328
DISJONCTEUR (ENS) (15A) (DISJONCTEUR DE SIÈGE)	6T-3643	1	CABLAGE DE CABINE (ASS)	311
		1	CABLAGE DE CABINE (ASS)	319
		1	CABLAGE DE CABINE (ASS)	328
DISJONCTEUR (ENS) (15A) (FEUX DE ROUTE)	3T-2662	1	CABLAGE - PANNEAU DE RELAIS	393
		1	CABLAGE - PANNEAU DE RELAIS	397
DISJONCTEUR (ENS) (15A) (MODULE DE COMMANDE MOTEUR)	6T-3643	1	CABLAGE - PANNEAU DE RELAIS	393
		1	CABLAGE - PANNEAU DE RELAIS	397
DISJONCTEUR (ENS) (20A) (CLIMATISEUR)	6T-3644	1	CABLAGE DE CABINE (ASS)	328
DISJONCTEUR (ENS) (30A) (ALIM BAT NON RELIÉE À LA CABINE)	6N-9349	1	CABLAGE - PANNEAU DE RELAIS	397
DISJONCTEUR (ENS) (30A) (FUSIBLE)	6N-9349	1	CABLAGE - PANNEAU DE RELAIS	393
DISJONCTEUR (ENS) (40-AMPÈRES) (RELAIS DE DÉMARRAGE)	171-2205	1	CABLAGE - PANNEAU DE RELAIS	397
DISJONCTEUR (ENS) (80A) (ALTERNATEUR)	171-2210	1	CABLAGE - PANNEAU DE RELAIS	393
DISJONCTEUR (ENS) (80A) (PRINCIPAL)	171-2210	1	CABLAGE - PANNEAU DE RELAIS	393
ÉLÉMENT DU RÉCHAUFFEUR D'EAU DES CHEMISES (ENS) (1500 WATTS - 220 VOLTS)	207-6901	1	EAU DES CHEMISES - RECHAUFFEUR (ASS)	222
FUSIBLE (10A)	9W-1442	28	CABLAGE DE CABINE (ASS)	309
		21	CABLAGE DE CABINE (ASS)	317
		21	CABLAGE DE CABINE (ASS)	326
FUSIBLE (15A)	9W-1441	4	CABLAGE DE CABINE (ASS)	309
		6	CABLAGE DE CABINE (ASS)	317
		8	CABLAGE DE CABINE (ASS)	326
FUSIBLE (20A)	9W-1446	5	CABLAGE DE CABINE (ASS)	320
		3	CABLAGE DE CABINE (ASS)	326
LAMPE HALOGÈNE (24V, 65W)	9X-3463	1	LAMPE - PHARE (ASS)	236
		1	LAMPE - PHARE (ASS)	237

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BOUCHON DE VIDANGE (RÉSERVOIR HYDRAULIQUE)	9J-7031	1	RÉSERVOIR HYDRAULIQUE (ASS)	722
CREPINE (FILTRE À HUILE HYDRAULIQUE)	233-7419	1	CANALISATIONS DE REFROIDISSEUR D'HUILE HYDR. (ASS)	688
		1	CANALISATIONS DE REFROIDISSEUR D'HUILE HYDR. (ASS)	693
CREPINE (HYDRAULIQUE)	200-5978	1	CANALISATIONS A COMMANDE PILOTE (ASS)	701
ÉLÉMENT DE FILTRE À HUILE (ENS) (EFFICACITÉ STANDARD)	1R-0722	2	RÉSERVOIR HYDRAULIQUE (ASS)	722
FILTRE À HUILE (ENS) (RÉSERVOIR HYDRAULIQUE)	5D-7927	1	RÉSERVOIR HYDRAULIQUE (ASS)	722
JOINT PLAT	9H-6454	1	RÉSERVOIR HYDRAULIQUE (ASS)	722
MOTEUR STANDARD				
BOUCHON DE VIDANGE (CARTER D'HUILE)	9X-6451	1	BOUGIE (ASS)-CARTER D'HUILE	77
COURROIE MULTIPLE	190-6560	1	TENDEUR DE COURROIE (ASS)	14
JOINT DE CACHE-SOUPAPES	242-9537	1	CACHE-SOUPAPES (ASS)	21
		1	CACHE-SOUPAPES (ASS)	22
POSTE DE CONDUITE				
BALAI D'ESSUIE-GLACE (ENS) (*700-MM)	6V-7419	2	ESSUIE-GLACE (ASS)	906
		2	ESSUIE-GLACE (ASS)	909
CEINTURE DE SECURITE (ASS) (RÉTRACTABLE)	222-0345	1	SIÈGE (ASS)	886
CHAPEAU (LAVE-GLACE)	3W-6398	1	LAVE-GLACE - VITRE (ASS)	899
CLAVETTE - POIGNÉE	3V-7476	1	CONDUIT ET FILTRE À AIR DE CABINE (ASS)	809
FILTRE À AIR DE CABINE	107-0266	1	CONDUIT ET FILTRE À AIR DE CABINE (ASS)	809
	112-7448	1	CONDUIT ET FILTRE À AIR DE CABINE (ASS)	809
JOINT PLAT	123-2896	1	TABLEAU DE BORD (ASS)	858
RÉCEPTEUR-DÉSHYDRATEUR (ASS) (RÉFRIGÉRANT)	175-7162	1	CANALISATIONS DE CLIMATISEUR (ASS)	824
		1	CANALISATIONS DE CLIMATISEUR (ASS)	826

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TRANSMISSION				
BOUCHON AIMANTÉ	5P-4484	1	ESSIEU FIXE	404
		1	ESSIEU OSCILLANT	405
	8M-3837	1	ROUE ET RÉDUCTEURS (ASS)	476
BOUCHON DE GOULOTTE DE REMPLISSAGE (TRANSMISSION)	5K-1568	1	GOULOTTE DE REMPLISSAGE D'HUILE DE TRANSMISSION	429
BOUCHON DE VIDANGE (*HYDRAULIC, TRANSMISSION)	9J-7031	1	ENGRENAGE DE TRANSFERT DE RENDEMENT (ASS)	432
ÉLÉMENT DE FILTRE À HUILE (ENS) (ULTRA-GRANDE EFFICACITÉ) (TRANSMISSION)	132-8876	1	FILTRE A HUILE (ASS)	430
RENIFLARD (ENS) (BOÎTE DE VITESSES)	9G-5127	1	COMMANDE HYDRAULIQUE DE BOÎTE (ASS)	409
TAMIS D'ASPIRATION	4S-8598	1	ENGRENAGE DE TRANSFERT DE RENDEMENT (ASS)	432

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PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
MOTOR BÁSICO				
CORREA-SERPENTIN	190-6560	1	TENSOR DE CORREA (GR)	14
*SEAL-VALVE COVER	242-9537	1	TAPA DEL MECANISMO DE VÁLVULAS (GR)	21
		1	TAPA DEL MECANISMO DE VÁLVULAS (GR)	22
TAPÓN DE DRENAJE (COLECTOR DE ACEITE)	9X-6451	1	TAPON DEL COLECTOR DEL CARTER (GR)	77
PUESTO DEL OPERADOR				
CINTURÓN DE SEGURIDAD (GR) (RETRACTIL)	222-0345	1	ASIENTO (GR)	886
EMPAQUETADURA	123-2896	1	TABLERO DE INSTRUMENTOS (GR)	858
FILTRO DE AIRE DE CABINA	107-0266	1	*DUCT & FILTER GP-CAB AIR	809
	112-7448	1	*DUCT & FILTER GP-CAB AIR	809
HOJA DE LIMPIAPARABRISAS (CONJ) (*700-MM)	6V-7419	2	LIMPIAPARABRISAS DE LA VENTANA (GR)	906
		2	LIMPIAPARABRISAS DE LA VENTANA (GR)	909
LLAVE - MANIJA	3V-7476	1	*DUCT & FILTER GP-CAB AIR	809
RECEPTOR-SECADOR (GR) (REFRIGERANTE)	175-7162	1	TUBERÍAS DE ACONDICIONADOR DE AIRE (GR)	824
		1	TUBERÍAS DE ACONDICIONADOR DE AIRE (GR)	826
TAPA (LIMPIAPARABRISAS)	3W-6398	1	LAVAPARABRISAS DE LA VENTANA (GR)	899
SISTEMA DE AIRE DE ADMISIÓN Y ESCAPE				
ELEMENTO DEL FILTRO DE AIRE (CONJ) (PRIMARIO)	106-3969	1	FILTRO DE AIRE (GR)	127
ELEMENTO DEL FILTRO DE AIRE (CONJ) (SECUNDARIO)	106-3973	1	FILTRO DE AIRE (GR)	127
SISTEMA DE COMBUSTIBLE				
COLADOR DE COMBUSTIBLE	9P-7121	1	COMBUSTIBLE - TANQUE DE (GR)	186
FILTRO DE COMBUSTIBLE (CONJ) (EFICIENCIA AVANZADA) (SECUNDARIO(A))	1R-0762	1	FILTRO DE COMBUSTIBLE Y MONTAJE (GR)	152
		1	FILTRO DE COMBUSTIBLE Y MONTAJE (GR)	156
		1	FILTRO DE COMBUSTIBLE Y MONTAJE (GR)	160
FILTRO DE COMBUSTIBLE Y SEPARADOR DE AGUA (CONJ) (PRIMARIO)	1R-0770	1	FILTRO DE COMBUSTIBLE Y SEPARADOR DE AGUA (GR)	164
TAPA DE LLENADO (CONJ) (TANQUE DE COMBUSTIBLE)	7X-7700	1	COMBUSTIBLE - TANQUE DE (GR)	186

* NO HAY TRADUCCION DISPONIBLE EN EL MOMENTO DE LA IMPRESION

PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
SISTEMA DE DIRECCIÓN				
COLADOR (ACEITE HIDRÁULICO)	187-1667	1	TUBERÍAS DE DIRECCIÓN (GR)	613
		1	TUBERÍAS DE DIRECCIÓN (GR)	621
		1	TUBERÍAS DE DIRECCIÓN (GR)	629
SELLO ANULAR	8C-3097	1	VÁLVULA DE ALIVIO (GR)	662
SISTEMA DE ENFRIAMIENTO				
EMPAQUETADURA DE REGULADOR (*HOUSING)	139-3550	1	TUBERÍAS DEL AGUA (GR)	111
REGULADOR DE TEMPERATURA DEL AGUA (92 GRADOS CENTÍGRADOS) (REFRIGERANTE)	248-5513	2	TUBERÍAS DEL AGUA (GR)	111
SELLO DE LABIO (REGULADOR DE TEMPERATURA DEL AGUA)	3S-9643	2	TUBERÍAS DEL AGUA (GR)	111
TAPA DE PRESION (7 LB/PULG2) (RADIADOR)	6L-8617	1	TUBERÍAS DEL AGUA (GR)	113
TAPÓN DE DRENAJE (RADIADOR)	6N-9590	1	VÁLVULA DE DRENAJE DEL RADIADOR (GR)	124
SISTEMA DE LUBRICACIÓN				
FILTRO DE ACEITE DEL MOTOR (CONJ) (*ADVANCED EFFICIENCY)	1R-0716	1	FILTRO DE ACEITE DEL MOTOR (GR)	88
FILTRO DE ACEITE DEL MOTOR (CONJ) (EFICIENCIA AVANZADA)	1R-1808	1	FILTRO DE ACEITE DEL MOTOR (GR)	90
		1	FILTRO DE ACEITE DEL MOTOR (GR)	92
TAPA DEL TUBO DE LLENADO DE ACEITE (MOTOR)	9L-8439	1	TUBO DE LLENADO DE ACEITE (GR)	87
SISTEMA ELECTRICO Y DE ARRANQUE				
BATERÍA (GR) (12 VOLTIOS, LIBRE DE MANTENIMIENTO, HUMEDO)	115-2422	4	BATERÍA Y CABLES (GR)	197
		4	BATERÍA Y CABLES (GR)	200
		4	BATERÍA Y CABLES (GR)	203
BATERÍA (GR) (*24-VOLT, CAES)	167-8984	1	INSTALACIÓN CAES (CONFIG)	224
		1	INSTALACIÓN CAES (CONFIG)	227
CONJUNTO DE DESTELLADOR (24 VOLTIOS)	108-0358	1	INTERRUPTOR DEL SEÑALERO (GR)	302
DISYUNTOR (CONJ) (105 AMPERIOS) (PRINCIPAL)	171-2212	1	CABLES DEL PANEL DE RELES (GR)	397
DISYUNTOR (CONJ) (15 AMPERIOS) (AIRE ACONDICIONADO)	6T-3643	1	CABLES DE LA CABINA (GR)	311
		1	CABLES DE LA CABINA (GR)	319
DISYUNTOR (CONJ) (15 AMPERIOS) (CONTROL DE CALEFACCION, ACONDICIONADOR DE AIRE)	6T-3643	1	CABLES DE LA CABINA (GR)	311
		1	CABLES DE LA CABINA (GR)	319
		1	CABLES DE LA CABINA (GR)	328
DISYUNTOR (CONJ) (15 AMPERIOS) (ECM (MÓDULO DE CONTROL ELECTRÓNICO) DEL MOTOR)	6T-3643	1	CABLES DEL PANEL DE RELES (GR)	393
		1	CABLES DEL PANEL DE RELES (GR)	397

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PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
DISYUNTOR (CONJ) (15 AMPERIOS) (LUCES DE TRABAJO)	3T-2662	1	CABLES DEL PANEL DE RELES (GR)	393
		1	CABLES DEL PANEL DE RELES (GR)	397
DISYUNTOR (CONJ) (15 AMPERIOS) (*SEAT BREAKER)	6T-3643	1	CABLES DE LA CABINA (GR)	311
		1	CABLES DE LA CABINA (GR)	319
		1	CABLES DE LA CABINA (GR)	328
DISYUNTOR (CONJ) (20-AMPERIOS) (AIRE ACONDICIONADO)	6T-3644	1	CABLES DE LA CABINA (GR)	328
DISYUNTOR (CONJ) (30-AMPERIOS) (CORRIENTE DE BATERÍA A CABINA SIN INTERRUPTOR)	6N-9349	1	CABLES DEL PANEL DE RELES (GR)	397
DISYUNTOR (CONJ) (30-AMPERIOS) (FUSIBLE)	6N-9349	1	CABLES DEL PANEL DE RELES (GR)	393
DISYUNTOR (CONJ) (40 AMPERIOS) (RELÉ DE ARRANQUE)	171-2205	1	CABLES DEL PANEL DE RELES (GR)	397
DISYUNTOR (CONJ) (80 AMPERIOS) (ALTERNADOR)	171-2210	1	CABLES DEL PANEL DE RELES (GR)	393
DISYUNTOR (CONJ) (80 AMPERIOS) (PRINCIPAL)	171-2210	1	CABLES DEL PANEL DE RELES (GR)	393
ELEMENTO DEL CALENTADOR DEL AGUA DE LAS CAMISAS (1500 VATIO - 220 VOLTIO)	207-6901	1	AGUA DE LAS CAMISAS - CALENTADOR DEL (GR)	222
FUSIBLE (10-AMPERIOS)	9W-1442	28	CABLES DE LA CABINA (GR)	309
		21	CABLES DE LA CABINA (GR)	317
		21	CABLES DE LA CABINA (GR)	326
FUSIBLE (15 AMPERIOS)	9W-1441	4	CABLES DE LA CABINA (GR)	309
		6	CABLES DE LA CABINA (GR)	317
		8	CABLES DE LA CABINA (GR)	326
FUSIBLE (20-AMPERIOS)	9W-1446	5	CABLES DE LA CABINA (GR)	320
		3	CABLES DE LA CABINA (GR)	326
LÁMPARA (24 VOLTIOS)	7N-9943	1	LÁMPARA DEL TECHO (GR)	235
	163-1884	2	INTERRUPTOR DEL SEÑALERO (GR)	302
LÁMPARA (24 VOLTIOS) (ACCIÓN MAESTRA)	163-1876	1	CABLES DE LA CABINA (GR)	318
		1	CABLES DE LA CABINA (GR)	327
		1	CABLES DE LA CABINA (GR)	309
LÁMPARA (24 VOLTIOS) (*AUTO BLADE PITCH ANGLE)	163-1878	1	CABLES DE LA CABINA (GR)	318
		1	CABLES DE LA CABINA (GR)	327
		1	CABLES DE LA CABINA (GR)	309
LÁMPARA (24 VOLTIOS) (*DECELERATOR ENABLE INDICATOR)	163-1878	1	CABLES DE LA CABINA (GR)	318
		1	CABLES DE LA CABINA (GR)	327
		1	CABLES DE LA CABINA (GR)	309
LÁMPARA (24 VOLTIOS) (*LOCKUP CLUTCH)	163-1878	1	CABLES DE LA CABINA (GR)	318
		1	CABLES DE LA CABINA (GR)	327
		1	CABLES DE LA CABINA (GR)	309
LÁMPARA (24 VOLTIOS) (*QUAD GAGE PANEL)	110-2079	1	CABLES DE LA CABINA (GR)	326

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PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
		1	CABLES DE LA CABINA (GR)	317
		1	CABLES DE LA CABINA (GR)	309
LÁMPARA (24 VOLTIOS) (*SPEDOMETER PANEL)	110-2079	1	CABLES DE LA CABINA (GR)	317
		1	CABLES DE LA CABINA (GR)	309
LÁMPARA (24 VOLTIOS) (*SPEEDOMETER PANEL)	110-2079	1	CABLES DE LA CABINA (GR)	326
LÁMPARA (24 VOLTIOS) (*TACHOMETER PANEL)	110-2079	1	CABLES DE LA CABINA (GR)	317
		1	CABLES DE LA CABINA (GR)	326
		1	CABLES DE LA CABINA (GR)	309
LÁMPARA (24 VOLTIOS) (*TEMPERATURE SELECTION)	110-2079	2	CABLES DE LA CABINA (GR)	317
		2	CABLES DE LA CABINA (GR)	326
		2	CABLES DE LA CABINA (GR)	309
LÁMPARA (24 VOLTIOS) (*THROTTLE LOCK INDICATOR)	163-1878	1	CABLES DE LA CABINA (GR)	318
		1	CABLES DE LA CABINA (GR)	327
		1	CABLES DE LA CABINA (GR)	309
LÁMPARA (24-VOLTIOS, 21 VATIOS)	9X-4493	2	LUCES DE GIRO (GR)	248
LÁMPARA (24-VOLTIOS, 70-VATIOS)	9X-7849	1	LÁMPARA DE BALIZA DE ADVERTENCIA (GR)	240
LLAVE (INTERRUPTOR GENERAL)	8H-5306	1	DISYUNTOR (GR)	296
LUCES DE ALÓGENO (24 VOLTIOS, 65 VATIOS)	9X-3463	1	REFLECTOR (GR)	236
		1	REFLECTOR (GR)	237
SISTEMA HIDRÁULICO				
COLADOR (HIDRÁULICO)	200-5978	1	TUBERÍAS CON SERVOMANDO (GR)	701
COLADOR (REJILLA DE ACEITE HIDRÁULICO)	233-7419	1	TUBERÍAS DEL ENFRIADOR DE ACEITE HIDRÁULICO (GR)	688
		1	TUBERÍAS DEL ENFRIADOR DE ACEITE HIDRÁULICO (GR)	693
CONJUNTO DE COLADOR DE ACEITE (TANQUE HIDRÁULICO)	5D-7927	1	TANQUE HIDRÁULICO (GR)	722
ELEMENTO DE FILTRO DE ACEITE (CONJ) (GRUPO DE LAMPARA-TABLERO)	1R-0722	2	TANQUE HIDRÁULICO (GR)	722
EMPAQUETADURA	9H-6454	1	TANQUE HIDRÁULICO (GR)	722
TAPA DEL TUBO DE LLENADO (TANQUE HIDRÁULICO)	7H-1447	1	TANQUE HIDRÁULICO (GR)	722
TAPÓN DE DRENAJE (TANQUE HIDRÁULICO)	9J-7031	1	TANQUE HIDRÁULICO (GR)	722

* NO HAY TRADUCCION DISPONIBLE EN EL MOMENTO DE LA IMPRESION

PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
TREN DE FUERZA				
ELEMENTO DE FILTRO DE ACEITE (CONJ) (EFICIENCIA ULTRA ALTA) (TREN DE FUERZA)	132-8876	1	FILTRO DE ACEITE (GR)	430
REJILLA DE SUCCIÓN	4S-8598	1	ENGRANAJE DE TRANSFERENCIA DE SALIDA	432
RESPIRADERO (CONJ) (TRANSMISION)	9G-5127	1	CONTROL HIDRÁULICO DE LA TRANSMISIÓN (GR)	409
TAPA DEL TUBO DE LLENADO (TREN DE FUERZA)	5K-1568	1	TUBO DE LLENADO DE ACEITE DE LA TRANSMISIÓN (GR)	429
TAPÓN DE DRENAJE (*HYDRAULIC, TRANSMISSION)	9J-7031	1	ENGRANAJE DE TRANSFERENCIA DE SALIDA	432
TAPÓN MAGNÉTICO	5P-4484	1	EJE FIJO (GR)	404
		1	EJE OSCILANTE (GR)	405
	8M-3837	1	RUEDA Y MANDOS FINALES	476

* NO HAY TRADUCCION DISPONIBLE EN EL MOMENTO DE LA IMPRESION

PEÇAS DE MANUTENÇÃO

DESCRIÇÃO	NÚMERO DE PEÇA	QUANT	UTILIZADA EM	PÁGINA
ESTAÇÃO DO OPERADOR				
CHAVE - ALAVANCA	3V-7476	1	DUTO E FILTRO-AR DA CABINE	809
CINTO DE SEGURANÇA (RETRÁTIL)	222-0345	1	ASSENTO	886
FILTRO DE AR DE CABINA	107-0266	1	DUTO E FILTRO-AR DA CABINE	809
	112-7448	1	DUTO E FILTRO-AR DA CABINE	809
JUNTA	123-2896	1	PAINEL DE INSTRUMENTOS	858
LÂMINA DO LIMPADOR DE PÁRA-BRISA (*700-MM)	6V-7419	2	LIMPADOR DO VIDRO	906
		2	LIMPADOR DO VIDRO	909
RECEPTOR - SECADOR (REFRIGERANTE)	175-7162	1	TUBOS - AR CONDICIONADO	824
		1	TUBOS - AR CONDICIONADO	826
TAMPA (LAVADOR DO VIDRO)	3W-6398	1	LAVADOR DO VIDRO	899
MOTOR BÁSICO				
BUJÃO DO DRENO (RESERVATÓRIO DE ÓLEO)	9X-6451	1	BUJÃO - CÂRTER DO ÓLEO	77
CORREIA- SERPENTINA	190-6560	1	TENSOR DA CORREIA	14
RETENTOR - TAMPA DA VÁLVULA	242-9537	1	TAMPA - MECANISMO DAS VÁLVULAS	21
		1	TAMPA - MECANISMO DAS VÁLVULAS	22
SISTEMA DA ADMISSÃO DE AR E DE ESCAPE				
ELEMENTO DO FILTRO DE AR (PRIMÁRIO)	106-3969	1	PURIFICADOR DE AR	127
ELEMENTO DO FILTRO DE AR (SECUNDÁRIO)	106-3973	1	PURIFICADOR DE AR	127
SISTEMA DE ARREFECIMENTO				
BUJÃO DO DRENO (RADIADOR)	6N-9590	1	VÁLVULA DE DRENAGEM DO RADIADOR	124
JUNTA - REGULADOR (ALOJAMENTO)	139-3550	1	TUBOS - ÁGUA	111
REGULADOR DE TEMPERATURA DA ÁGUA (92 GRAUS C) (LÍQUIDO ARREFECEDOR)	248-5513	2	TUBOS - ÁGUA	111
TAMPA DE PRESSÃO (7 PSI) (RADIADOR)	6L-8617	1	TUBOS - ÁGUA	113
VEDADOR TIPO LABIO (REGULADOR DA TEMPERATURA DA ÁGUA)	3S-9643	2	TUBOS - ÁGUA	111
SISTEMA DE COMBUSTÍVEL				
FILTRO - COMBUSTÍVEL	9P-7121	1	TANQUE DE COMBUSTÍVEL	186
FILTRO - COMBUSTÍVEL (EFICIÊNCIA AVANÇADA) (SECUNDÁRIO)	1R-0762	1	FILTRO E MONTAGEM-COMBUSTÍVEL	152
		1	FILTRO E MONTAGEM-COMBUSTÍVEL	156
		1	FILTRO E MONTAGEM-COMBUSTÍVEL	160
FILTRO - SEPARADOR DE ÁGUA E COMBUSTÍVEL (PRIMÁRIO)	1R-0770	1	FILTRO DE COMBUSTÍVEL E SEPARADOR DE ÁGUA	164
TAMPA - BOCAL DE ENCHIMENTO (TANQUE DE COMBUSTÍVEL)	7X-7700	1	TANQUE DE COMBUSTÍVEL	186

* TRADUÇÃO NÃO DISPONÍVEL NO MOMENTO DA IMPRESSÃO

PEÇAS DE MANUTENÇÃO

DESCRIÇÃO	NÚMERO DE PEÇA	QUANT	UTILIZADA EM	PÁGINA
SISTEMA DE DIREÇÃO				
RETENTOR DE ANEL-O	8C-3097	1	VÁLVULA DE ALÍVIO	662
TELA FILTRANTE (ÓLEO HIDRÁULICO)	187-1667	1	TUBOS - DIREÇÃO	613
		1	TUBOS - DIREÇÃO	621
		1	TUBOS - DIREÇÃO	629
SISTEMA DE LUBRIFICAÇÃO				
FILTRO - ÓLEO DO MOTOR (EFICIÊNCIA AVANÇADA)	1R-0716	1	FILTRO - ÓLEO DO MOTOR	88
	1R-1808	1	FILTRO - ÓLEO DO MOTOR	90
		1	FILTRO - ÓLEO DO MOTOR	92
TAMPA - BOCAL DE ENCHIMENTO DE ÓLEO (MOTOR)	9L-8439	1	BOCAL DE ENCHIMENTO DE ÓLEO DO MOTOR	87
SISTEMA ELÉTRICO E DE PARTIDA				
BATERIA (12 VOLTS, ISENTA DE MANUTENÇÃO, ÚMIDA)	115-2422	4	BATERIA E CABOS / FIOS ELÉTRICOS	197
		4	BATERIA E CABOS / FIOS ELÉTRICOS	200
		4	BATERIA E CABOS / FIOS ELÉTRICOS	203
BATERIA (24 VOLTS, CAES)	167-8984	1	INSTALAÇÃO - CAES	224
		1	INSTALAÇÃO - CAES	227
CHAVE (DESCONEXÃO DA BATERIA)	8H-5306	1	CHAVE GERAL	296
DISJUNTOR AUTOMÁTICO DE CIRCUITO (105 AMPERES) (PRINCIPAL)	171-2212	1	CABOS/FIOS ELÉTRICOS - PAINEL DE RELÉ	397
DISJUNTOR AUTOMÁTICO DE CIRCUITO (15 AMPERES) (AR CONDICIONADO)	6T-3643	1	CABOS/FIOS ELÉTRICOS - CABINE	311
		1	CABOS/FIOS ELÉTRICOS - CABINE	319
DISJUNTOR AUTOMÁTICO DE CIRCUITO (15 AMPERES) (CONTROLE DO AR CONDICIONADO, AQUECEDOR)	6T-3643	1	CABOS/FIOS ELÉTRICOS - CABINE	311
		1	CABOS/FIOS ELÉTRICOS - CABINE	319
		1	CABOS/FIOS ELÉTRICOS - CABINE	328
DISJUNTOR AUTOMÁTICO DE CIRCUITO (15 AMPERES) (DISJUNTOR DO ASSENTO)	6T-3643	1	CABOS/FIOS ELÉTRICOS - CABINE	311
		1	CABOS/FIOS ELÉTRICOS - CABINE	319
		1	CABOS/FIOS ELÉTRICOS - CABINE	328
DISJUNTOR AUTOMÁTICO DE CIRCUITO (15 AMPERES) (ECM DO MOTOR)	6T-3643	1	CABOS/FIOS ELÉTRICOS - PAINEL DE RELÉ	393
		1	CABOS/FIOS ELÉTRICOS - PAINEL DE RELÉ	397
DISJUNTOR AUTOMÁTICO DE CIRCUITO (15 AMPERES) (ILUMINAÇÃO DE OPERAÇÃO)	3T-2662	1	CABOS/FIOS ELÉTRICOS - PAINEL DE RELÉ	393
		1	CABOS/FIOS ELÉTRICOS - PAINEL DE RELÉ	397

* TRADUÇÃO NÃO DISPONÍVEL NO MOMENTO DA IMPRESSÃO

PEÇAS DE MANUTENÇÃO

DESCRIÇÃO	NÚMERO DE PEÇA	QUANT	UTILIZADA EM	PÁGINA
DISJUNTOR AUTOMÁTICO DE CIRCUITO (20-AMPERES) (AR CONDICIONADO)	6T-3644	1	CABOS/FIOS ELÉTRICOS - CABINE	328
DISJUNTOR AUTOMÁTICO DE CIRCUITO (30 AMPERES) (ENERGIA DA BATERIA PARA CABINE DESLIGADA)	6N-9349	1	CABOS/FIOS ELÉTRICOS - PAINEL DE RELÉ	397
DISJUNTOR AUTOMÁTICO DE CIRCUITO (30 AMPERES) (FUSÍVEL)	6N-9349	1	CABOS/FIOS ELÉTRICOS - PAINEL DE RELÉ	393
DISJUNTOR AUTOMÁTICO DE CIRCUITO (40 AMPÈRES) (RELÉ DE PARTIDA)	171-2205	1	CABOS/FIOS ELÉTRICOS - PAINEL DE RELÉ	397
DISJUNTOR AUTOMÁTICO DE CIRCUITO (80 AMPERES) (ALTERNADOR)	171-2210	1	CABOS/FIOS ELÉTRICOS - PAINEL DE RELÉ	393
DISJUNTOR AUTOMÁTICO DE CIRCUITO (80 AMPERES) (PRINCIPAL)	171-2210	1	CABOS/FIOS ELÉTRICOS - PAINEL DE RELÉ	393
ELEMENTO - AQUECEDOR DE ÁGUA DA CAMISA (1500 WATT-220 VOLT)	207-6901	1	AQUECEDOR DA ÁGUA DO MOTOR	222
FUSÍVEL (10 AMPERES)	9W-1442	28	CABOS/FIOS ELÉTRICOS - CABINE	309
		21	CABOS/FIOS ELÉTRICOS - CABINE	317
		21	CABOS/FIOS ELÉTRICOS - CABINE	326
FUSÍVEL (15 AMPERES)	9W-1441	4	CABOS/FIOS ELÉTRICOS - CABINE	309
		6	CABOS/FIOS ELÉTRICOS - CABINE	317
		8	CABOS/FIOS ELÉTRICOS - CABINE	326
FUSÍVEL (20-AMPERES)	9W-1446	5	CABOS/FIOS ELÉTRICOS - CABINE	320
		3	CABOS/FIOS ELÉTRICOS - CABINE	326
LÂMPADA - HALOGÊNEO (24 VOLTS, 65 WATTS)	9X-3463	1	LÂMPADA - FAROL	236
		1	LÂMPADA - FAROL	237
LÂMPADA (24 VOLTS)	7N-9943	1	LÂMPADA - TETO	235
	163-1884	2	INTERRUPTOR DE SINALIZAÇÃO	302
LÂMPADA (24 VOLTS) (AÇÃO PRINCIPAL)	163-1876	1	CABOS/FIOS ELÉTRICOS - CABINE	309
		1	CABOS/FIOS ELÉTRICOS - CABINE	318
		1	CABOS/FIOS ELÉTRICOS - CABINE	327
LÂMPADA (24 VOLTS) (ÂNGULO DE INCLINAÇÃO AUTOMÁTICA DA LÂMINA)	163-1878	1	CABOS/FIOS ELÉTRICOS - CABINE	309
		1	CABOS/FIOS ELÉTRICOS - CABINE	318
		1	CABOS/FIOS ELÉTRICOS - CABINE	327
LÂMPADA (24 VOLTS) (EMBREAGEM DE TRAVAMENTO)	163-1878	1	CABOS/FIOS ELÉTRICOS - CABINE	309
		1	CABOS/FIOS ELÉTRICOS - CABINE	318
		1	CABOS/FIOS ELÉTRICOS - CABINE	327
LÂMPADA (24 VOLTS) (INDICADOR DA TRAVA DO ACELERADOR)	163-1878	1	CABOS/FIOS ELÉTRICOS - CABINE	309
		1	CABOS/FIOS ELÉTRICOS - CABINE	318
		1	CABOS/FIOS ELÉTRICOS - CABINE	327
LÂMPADA (24 VOLTS) (INDICADOR DE ATIVAÇÃO DO DESACELERADOR)	163-1878	1	CABOS/FIOS ELÉTRICOS - CABINE	309
		1	CABOS/FIOS ELÉTRICOS - CABINE	318

* TRADUÇÃO NÃO DISPONÍVEL NO MOMENTO DA IMPRESSÃO

PEÇAS DE MANUTENÇÃO

DESCRIÇÃO	NÚMERO DE PEÇA	QUANT	UTILIZADA EM	PÁGINA
LÂMPADA (24 VOLTS) (PAINEL DE QUATRO MEDIDORES)	110-2079	1	CABOS/FIOS ELÉTRICOS - CABINE	327
		1	CABOS/FIOS ELÉTRICOS - CABINE	309
		1	CABOS/FIOS ELÉTRICOS - CABINE	317
		1	CABOS/FIOS ELÉTRICOS - CABINE	326
LÂMPADA (24 VOLTS) (PAINEL DO TACÔMETRO)	110-2079	1	CABOS/FIOS ELÉTRICOS - CABINE	309
		1	CABOS/FIOS ELÉTRICOS - CABINE	317
		1	CABOS/FIOS ELÉTRICOS - CABINE	326
LÂMPADA (24 VOLTS) (PAINEL DO VELOCÍMETRO)	110-2079	1	CABOS/FIOS ELÉTRICOS - CABINE	309
		1	CABOS/FIOS ELÉTRICOS - CABINE	317
		1	CABOS/FIOS ELÉTRICOS - CABINE	326
LÂMPADA (24 VOLTS) (SELEÇÃO DE TEMPERATURA)	110-2079	2	CABOS/FIOS ELÉTRICOS - CABINE	309
		2	CABOS/FIOS ELÉTRICOS - CABINE	317
		2	CABOS/FIOS ELÉTRICOS - CABINE	326
LÂMPADA (24 VOLTS, 21 WATTS)	9X-4493	2	ILUMINAÇÃO - SINALIZAÇÃO	248
LÂMPADA (24 VOLTS, 70 WATTS)	9X-7849	1	LUZ GIRATÓRIA DE ALARME	240
LUZ INTERMITENTE (24 VOLTS)	108-0358	1	INTERRUPTOR DE SINALIZAÇÃO	302
SISTEMA HIDRÁULICO				
BUJÃO DO DRENO (TANQUE HIDRÁULICO)	9J-7031	1	TANQUE HIDRÁULICO	722
ELEMENTO FILTRANTE - ÓLEO (EFICIÊNCIA PADRÃO)	1R-0722	2	TANQUE HIDRÁULICO	722
JUNTA	9H-6454	1	TANQUE HIDRÁULICO	722
TAMPA - BOCAL DE ENCHIMENTO (TANQUE HIDRÁULICO)	7H-1447	1	TANQUE HIDRÁULICO	722
TELA FILTRANTE (HIDRÁULICO)	200-5978	1	TUBOS - CIRCUITO PILOTO	701
TELA FILTRANTE-ÓLEO (TANQUE HIDRÁULICO)	5D-7927	1	TANQUE HIDRÁULICO	722
TELA FILTRANTE (TELA DO ÓLEO HIDRÁULICO)	233-7419	1	TUBOS - ARREFECEDOR DE ÓLEO HIDRÁULICO	688
		1	TUBOS - ARREFECEDOR DE ÓLEO HIDRÁULICO	693
TREM DE FORÇA				
BUJÃO DO DRENO (HIDRÁULICA, TRANSMISSÃO)	9J-7031	1	ENGRENAGENS DE SAÍDA DE TRANSFERÊNCIA	432
BUJÃO MAGNÉTICO	5P-4484	1	EIXO FIXO	404
		1	EIXO OSCILANTE	405
	8M-3837	1	RODA E COMANDO FINAL	476
ELEMENTO FILTRANTE - ÓLEO (EXTREMA EFICIÊNCIA) (TREM DE FORÇA)	132-8876	1	FILTRO - ÓLEO	430
RESPIRO (TRANSMISSÃO)	9G-5127	1	CONTROLE HIDRÁULICO DA TRANSMISSÃO	409
TAMPA - BOCAL DE ENCHIMENTO (TREM DE FORÇA)	5K-1568	1	BOCAL DE ENCHIMENTO DE ÓLEO DO TREM DE FORÇA	429
TELA DE SUCÇÃO	4S-8598	1	ENGRENAGENS DE SAÍDA DE TRANSFERÊNCIA	432

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WARTUNGSTEILE

BESCHREIBUNG	ERSATZTEIL- NUMMER	MENGE	VERWENDET IN	SEITE
ELEKTRISCHE ANLAGE U. STARTSYSTEM				
BATTERIE (12 V, WARTUNGSFREI, NASS)	115-2422	4	BATTERIE UND VERDRAHTUNG	197
		4	BATTERIE UND VERDRAHTUNG	200
		4	BATTERIE UND VERDRAHTUNG	203
BATTERIE (*24-VOLT, CAES)	167-8984	1	EINBAUSATZ - CAES	224
		1	EINBAUSATZ - CAES	227
BLINKER (24 V)	108-0358	1	RICHTUNGSSIGNALSCHALTER	302
HALOGENSCHINWERFER (24V)(65W)	9X-3463	1	ARBEITSLEUCHTEN	236
		1	ARBEITSLEUCHTEN	237
LEUCHTE (24 V)	163-1884	2	RICHTUNGSSIGNALSCHALTER	302
	7N-9943	1	FAHRERHAUSBELEUCHTUNG	235
LEUCHTE (24 V) (DREHZAHLMESSER-TAFEL)	110-2079	1	FAHRERHAUSVERDRAHTUNG	309
		1	FAHRERHAUSVERDRAHTUNG	317
		1	FAHRERHAUSVERDRAHTUNG	326
LEUCHTE (24 V) (GASSPERRANZEIGE)	163-1878	1	FAHRERHAUSVERDRAHTUNG	309
		1	FAHRERHAUSVERDRAHTUNG	318
		1	FAHRERHAUSVERDRAHTUNG	327
LEUCHTE (24 V) (GESCHWINDIGKEITS-MESSERTAFEL)	110-2079	1	FAHRERHAUSVERDRAHTUNG	309
		1	FAHRERHAUSVERDRAHTUNG	317
LEUCHTE (24 V) (HAUPTWARNLEUCHTE)	163-1876	1	FAHRERHAUSVERDRAHTUNG	309
		1	FAHRERHAUSVERDRAHTUNG	318
		1	FAHRERHAUSVERDRAHTUNG	327
LEUCHTE (24 V) (INSTRUMENTENGRUPPE (VIER))	110-2079	1	FAHRERHAUSVERDRAHTUNG	309
		1	FAHRERHAUSVERDRAHTUNG	317
		1	FAHRERHAUSVERDRAHTUNG	326
LEUCHTE (24 V) (SCHILDNEIGE-AUTOMATIK)	163-1878	1	FAHRERHAUSVERDRAHTUNG	309
		1	FAHRERHAUSVERDRAHTUNG	318
		1	FAHRERHAUSVERDRAHTUNG	327
LEUCHTE (24 V) (*SPEEDOMETER PANEL)	110-2079	1	FAHRERHAUSVERDRAHTUNG	326
LEUCHTE (24 V) (TEMPERATURWAHL)	110-2079	2	FAHRERHAUSVERDRAHTUNG	309
		2	FAHRERHAUSVERDRAHTUNG	317
		2	FAHRERHAUSVERDRAHTUNG	326
LEUCHTE (24 V) (ÜBERBRÜCKUNGSKUPPLUNG)	163-1878	1	FAHRERHAUSVERDRAHTUNG	309
		1	FAHRERHAUSVERDRAHTUNG	318
		1	FAHRERHAUSVERDRAHTUNG	327
LEUCHTE (24 V) (VERZÖGERUNGSEIN-SCHALTANZEIGE)	163-1878	1	FAHRERHAUSVERDRAHTUNG	318
		1	FAHRERHAUSVERDRAHTUNG	327
		1	FAHRERHAUSVERDRAHTUNG	309
LEUCHTE (24 V, 70 W)	9X-7849	1	RUNDUM-KENNLEUCHTE	240
LEUCHTE (24V, 21W)	9X-4493	2	BLINKERLEUCHTEN	248
SCHLÜSSEL (ELEKTRISCHER HAUPTSCHALTER)	8H-5306	1	TRENNSCHALTER	296
SICHERUNG (10 A)	9W-1442	28	FAHRERHAUSVERDRAHTUNG	309

* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN

WARTUNGSTEILE

BESCHREIBUNG	ERSATZTEIL- NUMMER	MENGE	VERWENDET IN	SEITE
SICHERUNG (15 A)	9W-1441	21	FAHRERHAUSVERDRAHTUNG	317
		21	FAHRERHAUSVERDRAHTUNG	326
		4	FAHRERHAUSVERDRAHTUNG	309
		6	FAHRERHAUSVERDRAHTUNG	317
		8	FAHRERHAUSVERDRAHTUNG	326
SICHERUNG (20 A)	9W-1446	5	FAHRERHAUSVERDRAHTUNG	320
		3	FAHRERHAUSVERDRAHTUNG	326
		1	UMLAUFKÜHLWASSERHEIZUNG	222
UMLAUFKÜHLWASSERHEIZUNGS- ELEMENT (1500 W/220 V)	207-6901	1	UMLAUFKÜHLWASSERHEIZUNG	222
UNTERBRECHER (105 A) (HAUPTUN- TERBRECHER)	171-2212	1	RELAISTAFELVERDRAHTUNG	397
UNTERBRECHER (15 A) (ELEKTRON. STEUERMODUL DES MOTORS)	6T-3643	1	RELAISTAFELVERDRAHTUNG	393
UNTERBRECHER (15 A) (FAHRSCHEIN- WERFER)	3T-2662	1	RELAISTAFELVERDRAHTUNG	397
		1	RELAISTAFELVERDRAHTUNG	393
UNTERBRECHER (15 A) (KLIMAAANLA- GE)	6T-3643	1	RELAISTAFELVERDRAHTUNG	397
		1	FAHRERHAUSVERDRAHTUNG	311
UNTERBRECHER (15 A) (KLIMAAANLA- GE, HEIZUNGSSTEUERUNG)	6T-3643	1	FAHRERHAUSVERDRAHTUNG	319
		1	FAHRERHAUSVERDRAHTUNG	311
UNTERBRECHER (15 A) (SITZ UNTERBRECHER)	6T-3643	1	FAHRERHAUSVERDRAHTUNG	319
		1	FAHRERHAUSVERDRAHTUNG	328
		1	FAHRERHAUSVERDRAHTUNG	311
UNTERBRECHER (20 A) (KLIMAAANLA- GE)	6T-3644	1	FAHRERHAUSVERDRAHTUNG	319
		1	FAHRERHAUSVERDRAHTUNG	328
		1	FAHRERHAUSVERDRAHTUNG	328
UNTERBRECHER (30 A) (SICHERUNG)	6N-9349	1	RELAISTAFELVERDRAHTUNG	393
UNTERBRECHER (30 A) (UNGE- SCHALTETER BATTREIESTROM ZUM FAHRERHAUS)	6N-9349	1	RELAISTAFELVERDRAHTUNG	397
UNTERBRECHER (40 A) (STARTRE- LAIS)	171-2205	1	RELAISTAFELVERDRAHTUNG	397
UNTERBRECHER (80 A) (DREHSTROM- GENERATOR)	171-2210	1	RELAISTAFELVERDRAHTUNG	393
UNTERBRECHER (80 A) (HAUPTUN- TERBRECHER)	171-2210	1	RELAISTAFELVERDRAHTUNG	393

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WARTUNGSTEILE

BESCHREIBUNG	ERSATZTEIL- NUMMER	MENGE	VERWENDET IN	SEITE
FAHRERHAUS				
DICHTUNG	123-2896	1	INSTRUMENTENTAFEL	858
FAHRERHAUSLUFTFILTER	107-0266	1	LUFTKANAL & LUFTFILTER - FAHRERHAUS	809
	112-7448	1	LUFTKANAL & LUFTFILTER - FAHRERHAUS	809
KÄLTEMITTELTROCKNER (KÜHLMIT- TEL)	175-7162	1	KLIMAAANLAGENLEITUNGEN	824
		1	KLIMAAANLAGENLEITUNGEN	826
KAPPE (SCHEIBENWASCHER)	3W-6398	1	SCHEIBENWASCHANLAGE	899
SCHEIBENWISCHERBLATT (*700-MM)	6V-7419	2	SCHEIBENWISCHER	906
		2	SCHEIBENWISCHER	909
SCHLÜSSELGRIFF	3V-7476	1	LUFTKANAL & LUFTFILTER - FAHRERHAUS	809
SICHERHEITSGURT ((AUTOMATIKSICHERHEITSGURT))	222-0345	1	FAHRERSITZ	886
HYDRAULIKSYSTEM				
ABLASSTOPFEN (HYDRAULIKTANK)	9J-7031	1	HYDRAULIKTANK	722
DICHTUNG	9H-6454	1	HYDRAULIKTANK	722
EINFÜLLSTUTZENKAPPE (HYDRAU- LIKTANK)	7H-1447	1	HYDRAULIKTANK	722
ÖLFILTERELEMENT (STANDRAD EFFIZIENZ)	1R-0722	2	HYDRAULIKTANK	722
ÖLSIEB (HYDRAULIKTANK)	5D-7927	1	HYDRAULIKTANK	722
SIEB (*HYDRAULIC OIL SCREEN)	233-7419	1	HYDRAULIKÖLKÜHLERLEITUNGEN	688
		1	HYDRAULIKÖLKÜHLERLEITUNGEN	693
SIEB (HYDRAULIK)	200-5978	1	VORSTEUERLEITUNGEN	701
KRAFTSTOFFSYSTEM				
EINFÜLLKAPPE (KRAFTSTOFFTANK)	7X-7700	1	KRAFTSTOFFTANK	186
KRAFTSTOFFFILTER (HOCHLEISTUNG) (AUSFALLSCHUTZ)	1R-0762	1	KRAFTSTOFFFILTER U. BEFESTI- GUNGSTEILE	152
		1	KRAFTSTOFFFILTER U. BEFESTI- GUNGSTEILE	156
		1	KRAFTSTOFFFILTER U. BEFESTI- GUNGSTEILE	160
KRAFTSTOFFSIEB	9P-7121	1	KRAFTSTOFFTANK	186
WASSERABSCHIEDER UND KRAFTST- OFFILTER (HAUPTELEMENT)	1R-0770	1	WASSERABSCHIEDER- U. KRAFTSTOFFFILTER	164

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WARTUNGSTEILE

BESCHREIBUNG	ERSATZTEIL- NUMMER	MENGE	VERWENDET IN	SEITE
KRAFTÜBERTRAGUNG				
ABLASSTOPFEN (*HYDRAULIC, TRANSMISSION)	9J-7031	1	VERTEILERGETRIEBEANTRIEB	432
ANSAUGSIEB	4S-8598	1	VERTEILERGETRIEBEANTRIEB	432
EINFÜLLSTUTZENKAPPE (KRAFT- ÜBERTRAGUNG)	5K-1568	1	GETRIEBEÖLFÜLLSTUTZEN	429
ENTLÜFTER (GETRIEBE)	9G-5127	1	GETRIEBEHYDRAULIK	409
MAGNETSTOPFEN	5P-4484	1	PENDELACHSE	405
		1	STARRACHSE	404
	8M-3837	1	SEITENANTRIEB UND RAD	476
ÖLFILTERELEMENT (FEINSTFILTER) (KRAFTÜBERTRAGUNG)	132-8876	1	ÖLFILTER	430
KÜHLSYSTEM				
ABLASSTOPFEN (KÜHLER)	6N-9590	1	KÜHLERABLASSVENTIL	124
DICHTUNG - REGLER (GEHÄUSE)	139-3550	1	KÜHLWASSERLEITUNGEN	111
DRUCKKAPPE (7 PSI) (KÜHLER)	6L-8617	1	KÜHLWASSERLEITUNGEN	113
LIPPENDICHTUNG (KÜHLWASSER- THERMOSTAT)	3S-9643	2	KÜHLWASSERLEITUNGEN	111
WASSEITEMPERATURREGLER (92 GRAD) (KÜHLMITTEL)	248-5513	2	KÜHLWASSERLEITUNGEN	111
LENKSYSTEM				
O-RING-DICHTUNG	8C-3097	1	ÜBERDRUCKVENTIL	662
SIEB (HYDRAULIKÖL)	187-1667	1	LENKÖLLEITUNGEN	613
		1	LENKÖLLEITUNGEN	621
		1	LENKÖLLEITUNGEN	629
LUFTANSAUG- UND ABGASSYSTEM				
LUFTFILTER (HAUPTLEMENT)	106-3969	1	LUFTREINIGER	127
LUFTFILTER (HILFSELEMENT)	106-3973	1	LUFTREINIGER	127
MOTOR (GRUNDAUSFÜHRUNG)				
ABLASSTOPFEN (ÖLWANNE)	9X-6451	1	ÖLWANNENSCHRAUBE	77
SERPENTINENFÖRMIGER RIEMEN	190-6560	1	RIEMENSPANNER	14
VENTILDECKELDICHTUNG	242-9537	1	VENTILDECKEL	21
		1	VENTILDECKEL	22
SCHMIERSYSTEM				
ÖLEINFÜLLKAPPE (MOTOR)	9L-8439	1	MOTORÖLEINFÜLLSTUTZEN	87
ÖLFILTER (ADVANCED EFFICIENCY)	1R-0716	1	ÖLFILTER	88
ÖLFILTER (HOCHLEISTUNG)	1R-1808	1	ÖLFILTER	90
		1	ÖLFILTER	92

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* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN

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* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN

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* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN

MEMORANDA

MACHINE ARRANGEMENT

226 - 9594 CHASSIS AR

S/N: ASX1-299

PART OF 226-9588 GENERAL AR

SMCS - 7000

i02346366

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	228-4195	1	AFTERCOOLER GP-AIR						125
Y	227-2982	1	BUMPER GP-REAR						479
Y	228-7504	1	CONDENSER & MTG GP-REFRIGERANT						794
Y	215-2560	1	COOLER GP-HYDRAULIC OIL						671
Y	269-0201	1	COVER GP-CONTROL VALVE						482
Y	227-2990	1	DOOR GP-BATTERY						502
Y	226-0953	1	FAN GP-SUCTION						108
Y	116-7171	1	FENDER GP-FRONT						510
Y	189-6345	1	FENDER GP-REAR						511
Y	227-0080	1	FRAME AS-REAR						514
Y	240-0373	1	FRAME GP-FRONT						519
Y	203-1525	1	GUARD GP-CRANKCASE						520
			S/N: ASX1-169						
Y	271-1719	1	GUARD GP-CRANKCASE						521
			S/N: ASX170-299						
Y	110-8061	1	GUARD GP-POWER TRAIN						525
Y	226-0954	1	GUARD GP-RADIATOR						526
Y	110-8050	1	HITCH GP-ARTICULATING						530
Y	227-3116	1	HOOD GP						532
Y	232-7422	1	INDICATOR GP-AIR FILTER CHANGE						131
Y	230-7509	1	LADDER GP						542
Y	228-4196	1	LINES GP-AFTERCOOLER AIR						132
Y	228-7060	1	LINES GP-AIR CONDITIONER						824
Y	228-7068	1	LINES GP-CAB HEATER						830
Y	228-7025	1	LINES GP-DIAGNOSTIC (TMSN REMOTE PRESSURE TAPS)						916
Y	228-3338	1	LINES GP-FUEL						175
Y	239-3131	1	LINES GP-GREASE						545
Y	228-7501	1	LINES GP-WATER (RADIATOR)						113
Y	6V-1970	1	LITERATURE GP (MACHINE)						832
Y	115-1527	1	MIRROR GP-REAR VIEW						833
Y	229-0253	1	PLATE & FILM GP						922
Y	200-8014	1	PLATFORM GP-OPERATOR						863
Y	178-0345	1	PROTECTION GP-VANDALISM						925
Y	228-4198	1	RADIATOR GP						122
Y	233-7030	1	SHIELD GP-ENGINE COMPARTMENT						565
Y	251-2193	1	STARTING AID GP-ETHER						285
Y	227-3011	1	SUPPORT GP-ENGINE & TMSN						83
Y	237-4007	1	TANK & MTG GP-FUEL						184
Y	201-5587	1	WASHER GP-WINDOW						899

Y- SEPARATE ILLUSTRATION

<END>

MACHINE ARRANGEMENT

300-6281 CHASSIS AR

S/N: ASX300-UP

PART OF 226-9588 GENERAL AR

SMCS-7000

i02682913

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	228-4195	1	AFTERCOOLER GP-AIR						125
Y	227-2982	1	BUMPER GP-REAR						479
Y	228-7504	1	CONDENSER & MTG GP-REFRIGERANT						794
Y	215-2560	1	COOLER GP-HYDRAULIC OIL						671
Y	269-0201	1	COVER GP-CONTROL VALVE						482
Y	227-2990	1	DOOR GP-BATTERY						502
Y	226-0953	1	FAN GP-SUCTION						108
Y	116-7171	1	FENDER GP-FRONT						510
Y	189-6345	1	FENDER GP-REAR						511
Y	227-0080	1	FRAME AS-REAR						514
Y	240-0373	1	FRAME GP-FRONT						519
Y	271-1719	1	GUARD GP-CRANKCASE						521
Y	110-8061	1	GUARD GP-POWER TRAIN						525
Y	226-0954	1	GUARD GP-RADIATOR						526
Y	110-8050	1	HITCH GP-ARTICULATING						530
Y	227-3116	1	HOOD GP						532
Y	232-7422	1	INDICATOR GP-AIR FILTER CHANGE						131
Y	230-7509	1	LADDER GP						542
Y	228-4196	1	LINES GP-AFTERCOOLER AIR						132
Y	228-7060	1	LINES GP-AIR CONDITIONER						824
Y	228-7068	1	LINES GP-CAB HEATER						830
Y	228-7025	1	LINES GP-DIAGNOSTIC (TMSN REMOTE PRESSURE TAPS)						916
Y	228-3338	1	LINES GP-FUEL						175
Y	239-3131	1	LINES GP-GREASE						545
Y	228-7501	1	LINES GP-WATER (RADIATOR)						113
Y	115-1527	1	MIRROR GP-REAR VIEW						833
Y	229-0253	1	PLATE & FILM GP						922
Y	200-8014	1	PLATFORM GP-OPERATOR						863
Y	178-0345	1	PROTECTION GP-VANDALISM						925
Y	228-4198	1	RADIATOR GP						122
Y	233-7030	1	SHIELD GP-ENGINE COMPARTMENT						565
Y	251-2193	1	STARTING AID GP-ETHER						285
Y	227-3011	1	SUPPORT GP-ENGINE & TMSN						83
Y	237-4007	1	TANK & MTG GP-FUEL						184
Y	201-5587	1	WASHER GP-WINDOW						899
	6V-1970	1	LITERATURE GP (MACHINE)						
	5P-7958	1	SLEEVE-CABLE SPLICE						
	5P-8500	2	KEY						

Y-SEPARATE ILLUSTRATION

<END>

MACHINE ARRANGEMENT

226-9588 GENERAL AR

S/N: ASX1-UP

SMCS-7000

i02710300

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	226-9594	1	CHASSIS AR						1
			S/N: ASX1-299						
Y	300-6281	1	CHASSIS AR						2
			S/N: ASX300-UP						
Y	226-9616	1	ELECTRICAL AR						217
			S/N: ASX1-299						
Y	285-7324	1	ELECTRICAL AR						217
			S/N: ASX300-UP						
Y	225-8923	1	ENGINE AR-COMPLETE						4
Y	226-9597	1	HYDRAULIC AR						679
			S/N: ASX1-299						
Y	302-1353	1	HYDRAULIC AR						679
			S/N: ASX300-UP						
Y	226-9641	1	INSTALLATION AR-ENGINE						8
Y	229-5009	1	OPERATOR AR						847
			S/N: ASX1-299						
Y	292-6070	1	OPERATOR AR						847
			S/N: ASX300-UP						
Y	226-9591	1	POWER TRAIN AR						448
Y-SEPARATE ILLUSTRATION									

<END>

ENGINE ARRANGEMENT

225 - 8923 ENGINE AR - COMPLETE

S/N: LHX1-UP

299 BRAKE KW (401 BHP) AT 1800 RPM

PART OF 226-9588 GENERAL AR

SMCS - 1000

i02590703

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	126-7631	1	CONNECTION GP-ELECTRICAL						209
Y	243-1560	1	CONTROL & MTG GP-ENGINE ELEK						210
Y	107-6736	1	COVER GP-CYLINDER BLOCK (TURBOCHARGER DRAIN COVER)						16
Y	140-9746	1	COVER GP-CYLINDER BLOCK						17
Y	159-6159	1	COVER GP-FRONT HOUSING (CAM, IDLER GEAR)						19
Y	120-9847	1	COVER GP-FRONT HOUSING (FRONT)						18
Y	230-0104	1	COVER GP-SOUND SUPPRESSION						20
Y	237-1964	1	COVER GP-TURBOCHARGER						128
Y	239-4113	1	COVER GP-VALVE MECHANISM						23
Y	4P-5893	1	DAMPER GP						40
Y	206-4227	1	DRIVE GP-ACCESSORY						42
Y	6I-3638	1	DRIVE GP-PUMP						43
Y	241-5929	1	ENGINE AR-CORE						6
			S/N: LHX1-3598, 4881-UP						
Y	279-1260	1	ENGINE AR-CORE						7
			S/N: LHX3599-4880						
Y	108-9382	1	FASTENER GP-FRONT HOUSING (W/O FAN DRIVE)						45
Y	4P-6846	1	FASTENER GP-FRONT HOUSING						44
Y	253-9383	1	FASTENER GP-OIL PAN						46
Y	4N-2481	1	FASTENER GP-OIL PUMP MOUNTING						86
Y	109-2373	1	FASTENER GP-WATER PUMP						110
Y	263-7310	1	FILLER GP-ENGINE OIL						87
Y	225-0994	1	FILTER & MTG GP-FUEL						152
Y	238-5454	1	FILTER GP-ENGINE OIL						88
			S/N: LHX1-3596						
Y	263-5373	1	FILTER GP-ENGINE OIL						92
			S/N: LHX3597-UP						
Y	4P-6817	1	FLYWHEEL GP						48
Y	159-9362	1	FUMES DISPOSAL GP						94
Y	263-7309	1	GUIDE GP-OIL LEVEL GAUGE						95
Y	160-2612	1	HOUSING GP-FLYWHEEL						52
Y	243-5786	1	HOUSING GP-FRONT						54
Y	111-2088	1	LIFTING GP-ENGINE (REAR)						56
Y	111-2355	1	LIFTING GP-ENGINE (FRONT)						57
Y	126-0081	1	LINES GP-AIR (TURBOCHARGER OUTLET)						136
Y	219-4443	1	LINES GP-ENGINE OIL						97
Y	214-9044	1	LINES GP-FUEL						165
Y	262-9967	1	LINES GP-TURBOCHARGER OIL						99
			S/N: LHX1-3596						
Y	273-6667	1	LINES GP-TURBOCHARGER OIL						102
			S/N: LHX3597-UP						
Y	214-9045	1	LINES GP-WATER (ENGINE)						111
Y	225-0998	1	MANIFOLD GP-EXHAUST						139
Y	188-1754	1	MOUNTING GP-ALTERNATOR & COMPR						61
Y	239-5527	1	PAN GP-OIL						62
Y	174-3874	1	PANEL GP-SOUND SUPPRESSION (ENGINE, LH)						63
Y	227-9980	1	PANEL GP-SOUND SUPPRESSION (FRONT HOUSING)						64
Y	224-3978	1	PLATE GP-ENGINE IDENTIFICATION						924
Y	230-5379	1	PLUG GP-CYLINDER BLOCK						75
Y	230-5378	1	PLUG GP-CYLINDER HEAD						76
Y	251-4858	1	PLUG GP-OIL PAN						77
Y	150-4279	1	PUMP & MTG GP-FUEL TRANSFER						180
YR	161-4113	1	PUMP GP-ENGINE OIL						106
Y	174-5986	1	PUMP GP-WATER						121

ENGINE ARRANGEMENT

225-8923 ENGINE AR-COMPLETE (contd.)

i02590703

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	197-7415	1	MOUNTING GP-SENSOR (ATMOSPHERIC, ENGINE OIL)						254
			S/N: LHX1-7917						
Y	260-0266	1	MOUNTING GP-SENSOR (ATMOSPHERIC AIR, ENGINE OIL)						255
			S/N: LHX7918-UP						
Y	231-1973	1	SENSOR GP-ENGINE						259
Y	232-4648	1	SUPPORT GP-ENGINE						82
Y	262-1052	1	TURBOCHARGER GP						144
Y	239-5914	1	WIRING GP-ENGINE ELECTRONIC						372
	226-4733	1	ELECTRONICS GP-ENGINE RATINGS						
PLEASE USE THE GASKET KIT LINK IN SIS OR CONTACT YOUR LOCAL DEALER FOR THE LATEST GASKET KIT INFORMATION									
R-REMFG PART MAY BE AVAILABLE Y-SEPARATE ILLUSTRATION									

ENGINE ARRANGEMENT

241-5929 ENGINE AR-CORE

S/N: LHX1-3598, 4881-UP

PART OF 225-8923 ENGINE AR-COMPLETE

SMCS-1000

i02752536

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	234-5005	1	BASE GP-VALVE COVER & INJ HARN						10
			S/N: LHX1-3598						
Y	278-5662	1	BASE GP-VALVE COVER & INJ HARN						12
			S/N: LHX4881-UP						
Y	234-7935	1	CAMSHAFT GP						15
Y	223-9731	1	CRANKSHAFT GP						24
Y	223-9252	1	CYLINDER BLOCK GP						26
Y	235-2974	1	CYLINDER HEAD GP						36
			S/N: LHX1-3598, 4881-10975						
Y	274-1953	1	CYLINDER HEAD GP						38
			S/N: LHX10976-UP						
Y	109-1657	1	FASTENER GP-VALVE MECHANISM						47
Y	208-9490	1	GEAR GP-FRONT						50
Y	229-2863	6	PISTON & ROD GP						65
Y	235-1401	6	PUMP GP-FUEL INJECTION						182
Y	148-7482	1	MECHANISM GP-FUEL PUMP & VALVE						58
			S/N: LHX1-3598						
Y	190-0009	1	MECHANISM GP-FUEL PUMP & VALVE						59
			S/N: LHX4881-UP						

Y-SEPARATE ILLUSTRATION

ENGINE ARRANGEMENT

279 - 1260 ENGINE AR - CORE

S/N: LHX3599-4880

ADEM 4, TIER 3. WITHOUT BRAKE

PART OF 225-8923 ENGINE AR - COMPLETE

SMCS - 1000

i02443217

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	234-5005	1	BASE GP - VALVE COVER & INJ HARN						10
Y	234-7935	1	CAMSHAFT GP						15
Y	223-9731	1	CRANKSHAFT GP						24
Y	223-9252	1	CYLINDER BLOCK GP						26
Y	235-2974	1	CYLINDER HEAD GP						36
Y	109-1657	1	FASTENER GP - VALVE MECHANISM						47
Y	208-9490	1	GEAR GP - FRONT						50
Y	280-2167	1	MECHANISM GP - FUEL PUMP & VALVE						60
Y	229-2863	6	PISTON & ROD GP						65
Y	235-1401	6	PUMP GP - FUEL INJECTION						182

Y - SEPARATE ILLUSTRATION

ENGINE ARRANGEMENT

226-9641 INSTALLATION AR-ENGINE

S/N: ASX1-UP

PART OF 226-9588 GENERAL AR

SMCS-1000

i02717857

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	231-7082	1	AIR CLEANER GP						126
Y	262-5046	1	ALTERNATOR GP-CHARGING						196
Y	190-6563	1	BELT TENSIONER GP						14
Y	262-4948	1	COMPRESSOR GP-REFRIGERANT						793
Y	252-8060	1	DRAIN GP-ENGINE OIL						41
Y	233-8672	1	DRAIN GP-FUEL						150
			S/N: ASX1-174						
Y	269-3946	1	DRAIN GP-FUEL						151
			S/N: ASX175-UP						
Y	231-7089	1	DUST EJECTOR GP						129
Y	232-0362	1	EXTENSION GP-FUMES DISPOSAL						85
Y	231-7079	1	LINES GP-TURBOCHARGER AIR						138
Y	233-1510	1	LINES GP-WATER (TURBOCHARGER)						117
Y	231-7078	1	MUFFLER GP						140
Y	170-1757	1	PULLEY GP-CRANKSHAFT						78
Y	240-3311	1	SHIELD GP-HEAT (EXHAUST MANIFOLD)						143
Y	105-4729	1	STARTING MOTOR GP-ELECTRIC						291
			S/N: ASX1-299						
Y	265-9091	1	STARTING MOTOR GP-ELECTRIC						294
			S/N: ASX300-UP						
Y	263-7357	1	VALVE GP-FLUID SAMPLING (FUEL, AIR PURGE)						107
			S/N: ASX1-174						

Y-SEPARATE ILLUSTRATION

BASIC ENGINE

133-9907 ADAPTER GP-PUMP DRIVE

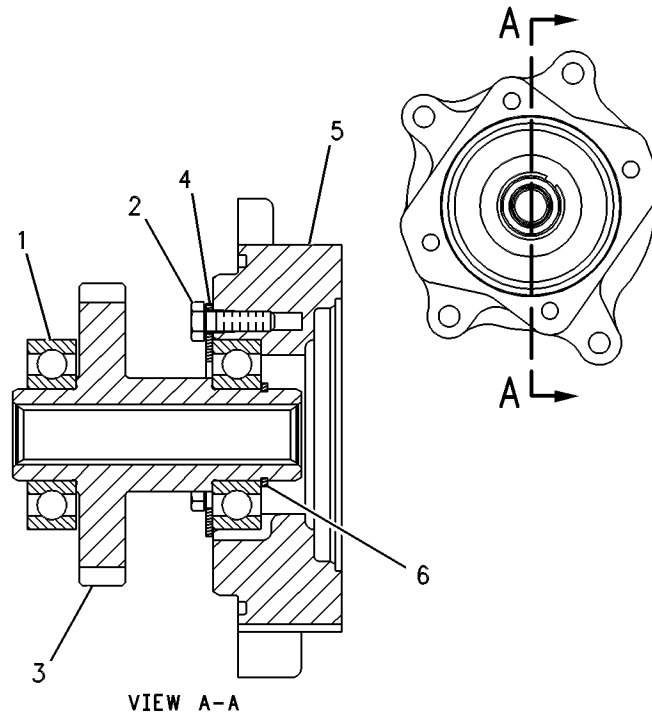
S/N: LHX1-UP

PART OF 6I-3638 DRIVE GP-PUMP

SMCS-3108

i02763875

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



GRAPHIC #1

<END>

g00263602

BASIC ENGINE

234-5005 BASE GP - VALVE COVER & INJ HARN

S/N: LHX1-4880

PART OF 241-5929, 279-1260 ENGINE AR-CORE

SMCS-1120, 1408

i02734984

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	123-3202	3	STRAP-CABLE						
	2	1	6V-0128	1	SEAL-CONNECTOR						
	3	1	7E-6508	6	CAP AS						
	4	1	9L-8925	14	BOLT (5/16-18X1.25-IN)						
	5	1	122-1472	1	BOLT (5/16-18X2.36-IN)						
	6	1	177-4152	1	BASE-VALVE COVER						
	7	1	234-5002	1	HARNES AS-ENGINE (INJECTOR, VARIABLE VALVE)						
		1	103-8134	1	KIT-RECEPTACLE (12-PIN)						
					(INCLUDE RECEPTACLE AS & WEDGE)						
		1	3S-2093	6	STRAP-CABLE						
	8	1	100-5218	3	CLIP						
	9	1	100-5219	3	CLIP						
	10	1	4F-7957	2	BOLT (1/4-20X0.875-IN)						
	11	1	5P-0537	8	WASHER-HARD (7.2X14.5X2-MM THK)						
	12	1	8H-3127	6	BOLT (1/4-20X0.75-IN)						
D	13	1	5P-5678		SEAL (2.9-M)						
J	14	1	123-3202	3	STRAP-CABLE						

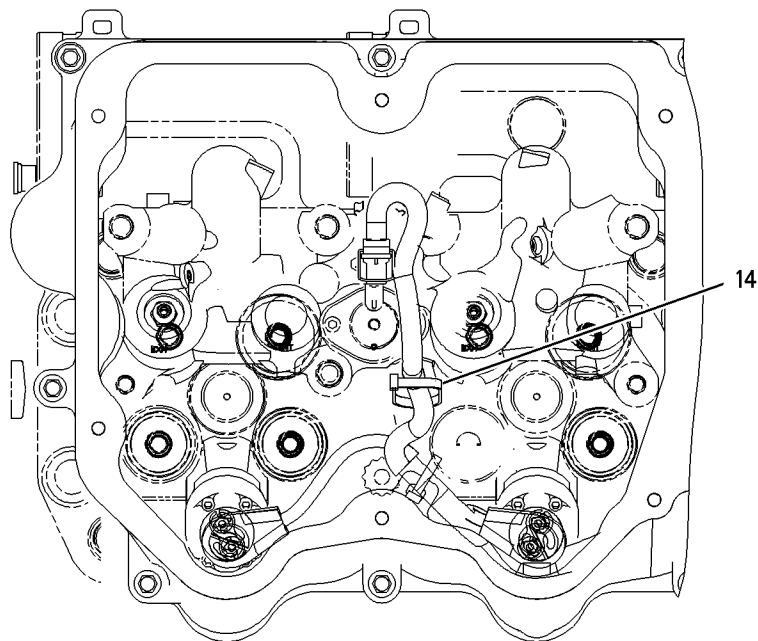
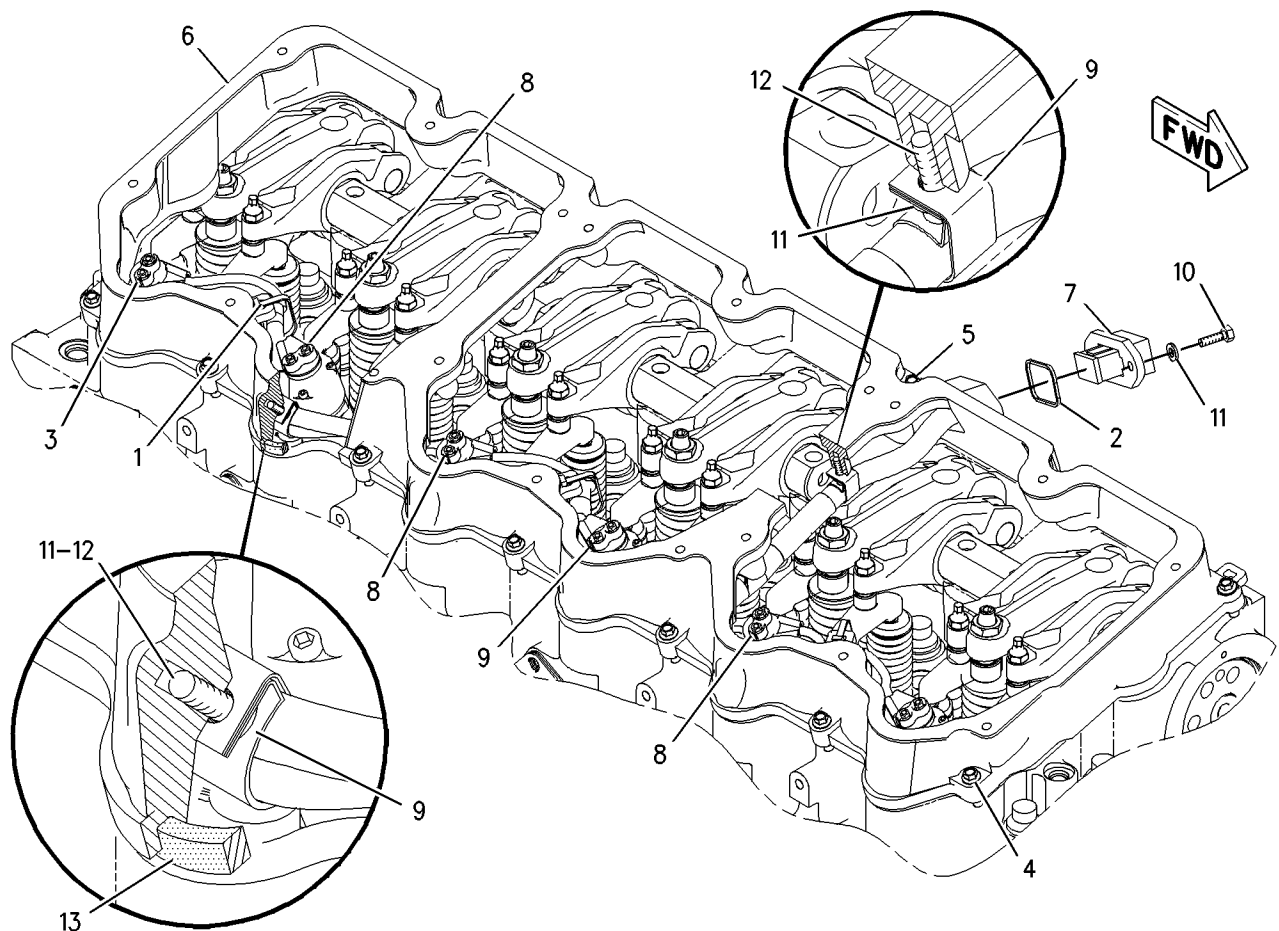
D- ORDER BY THE METER

J- ONLY FOR USE WITH ACTUATOR GROUP-EVA

BASIC ENGINE

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

i02734984



WIRING FOR
ACTUATOR GROUP-EVA

GRAPHIC #1

<END>

g01003162

BASIC ENGINE

278-5662 BASE GP - VALVE COVER & INJ HARN

S/N: LHX4881-UP

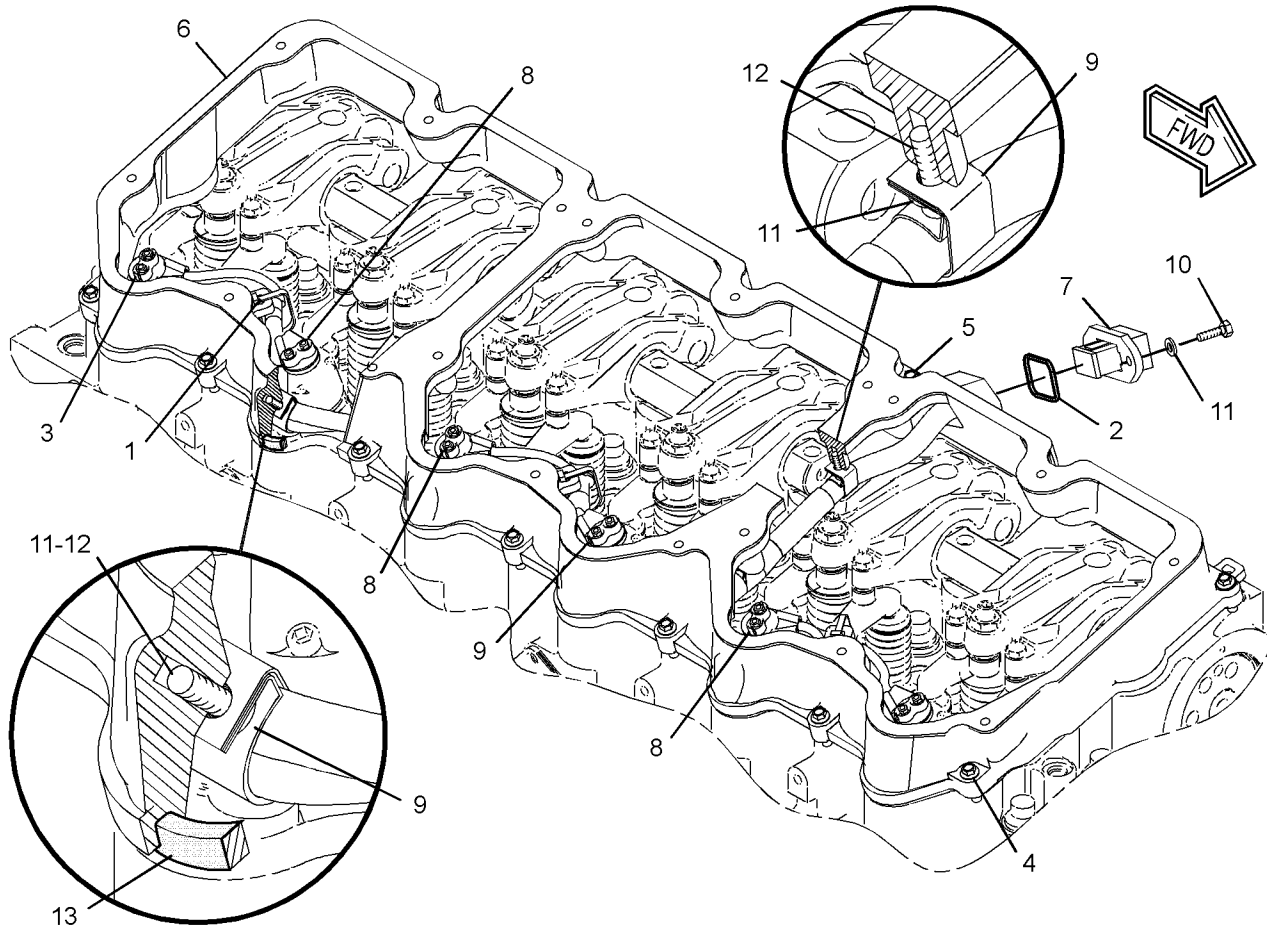
PART OF 241-5929 ENGINE AR-CORE
TYPE 1

SMCS-1120, 1408

i02673384

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

D-ORDER BY THE METER



GRAPHIC #1

<END>

g01213201

BASIC ENGINE

278-5662 BASE GP - VALVE COVER & INJ HARN

S/N: LHX4881-UP

PART OF 241-5929 ENGINE AR-CORE

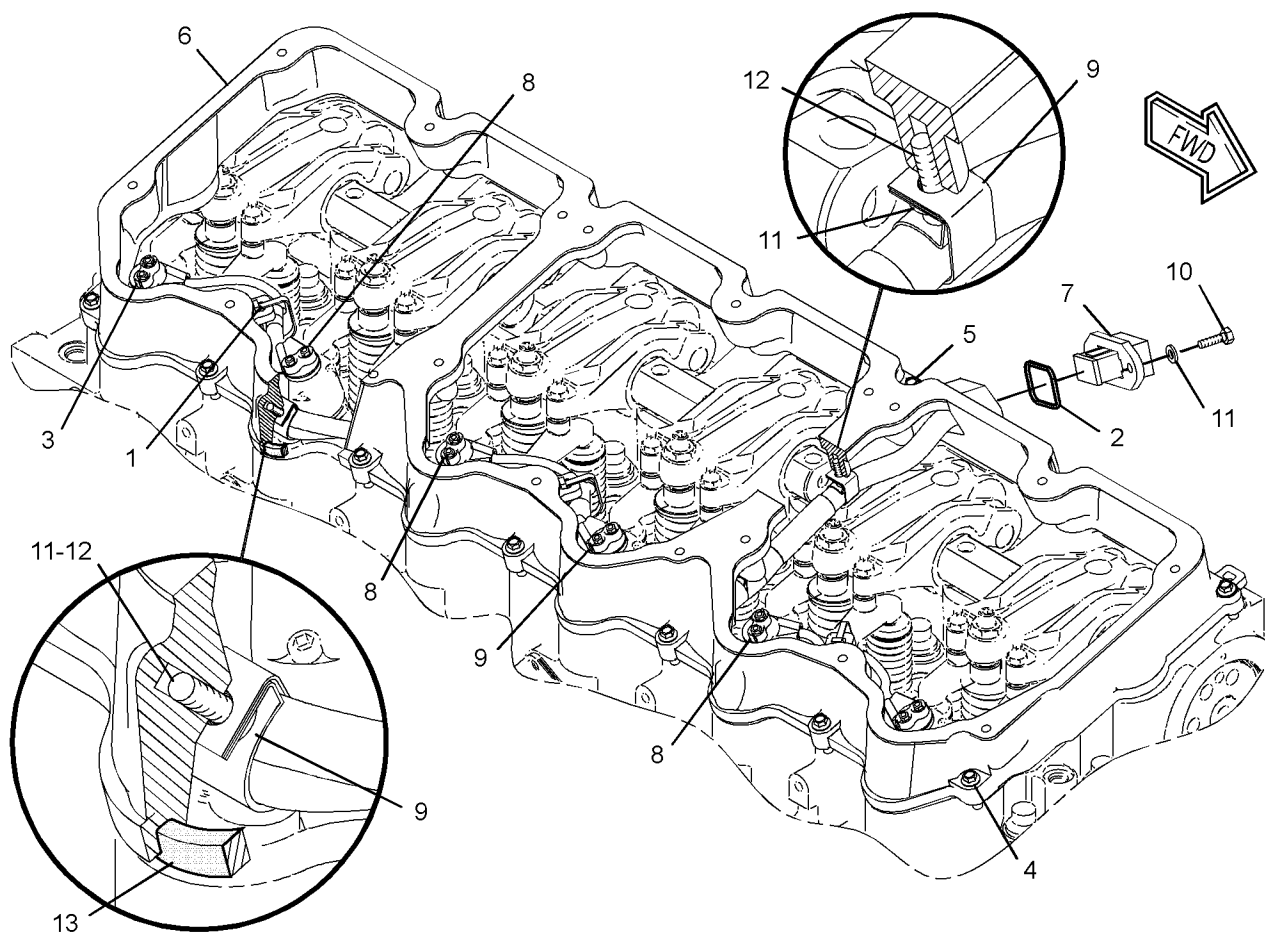
TYPE 2

SMCS-1120, 1408

i02680543

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	123-3202	3	STRAP - CABLE	
	2	1	6V-0128	1	SEAL - CONNECTOR	
	3	1	7E-6508	6	CAP AS	
	4	1	9L-8925	14	BOLT (5/16-18X1.25-IN)	
	5	1	122-1472	1	BOLT (5/16-18X2.36-IN)	
C	6	1	289-8215	1	BASE-VALVE COVER	
	7	1	278-5657	1	HARNESS AS-ENGINE (UNIT INJECTOR)	
		1	103-8134	1	KIT-RECEPTACLE (12-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
	8	1	100-5218	3	CLIP	
	9	1	100-5219	3	CLIP	
	10	1	4F-7957	2	BOLT (1/4-20X0.875-IN)	
	11	1	5P-0537	8	WASHER-HARD (7.2X14.5X2-MM THK)	
	12	1	8H-3127	6	BOLT (1/4-20X0.75-IN)	
C	13	1	272-0390	1	SEAL	

C- CHANGE FROM PREVIOUS TYPE



GRAPHIC #1

<END>

g01213201

BASIC ENGINE

190-6563 BELT TENSIONER GP

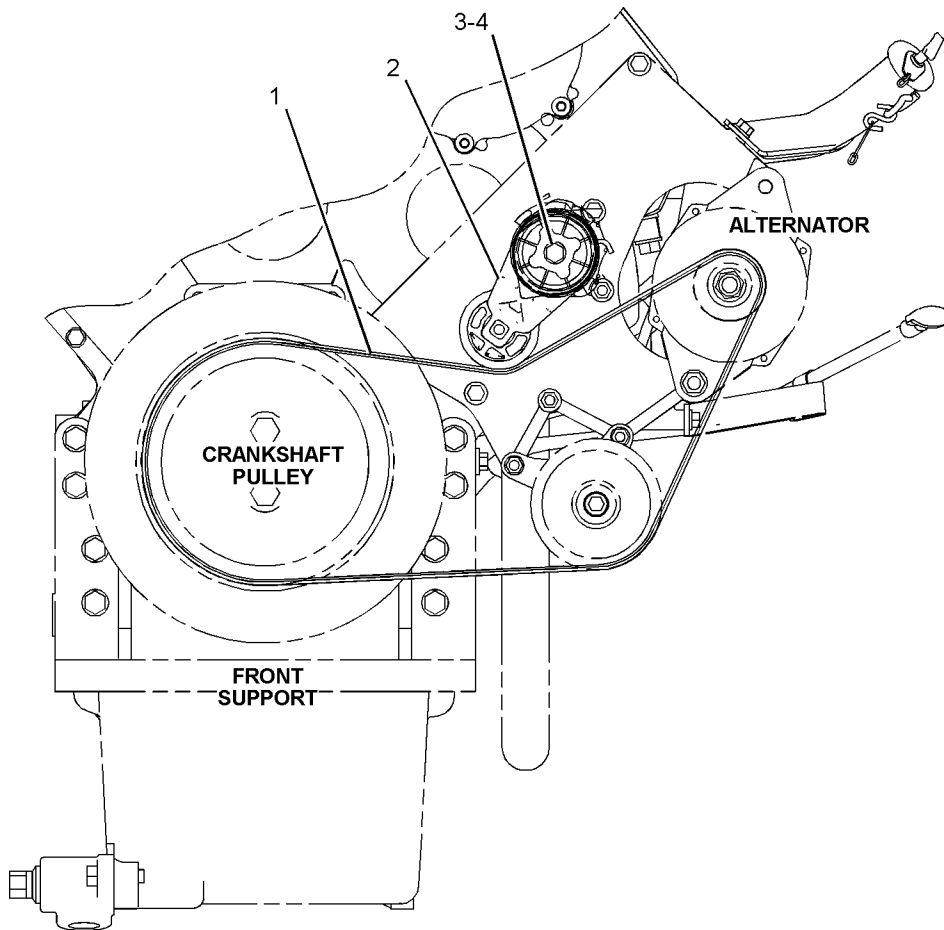
S/N: ASX160-UP

PART OF 226-9641 INSTALLATION AR-ENGINE
FOR USE WITH A 62 MILLIMETER DIAMETER PULLEY

SMCS-1357, 1358, 1397

i02085766

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



GRAPHIC #1

FRONT VIEW
<END>

g01082851

BASIC ENGINE

234-7935 CAMSHAFT GP

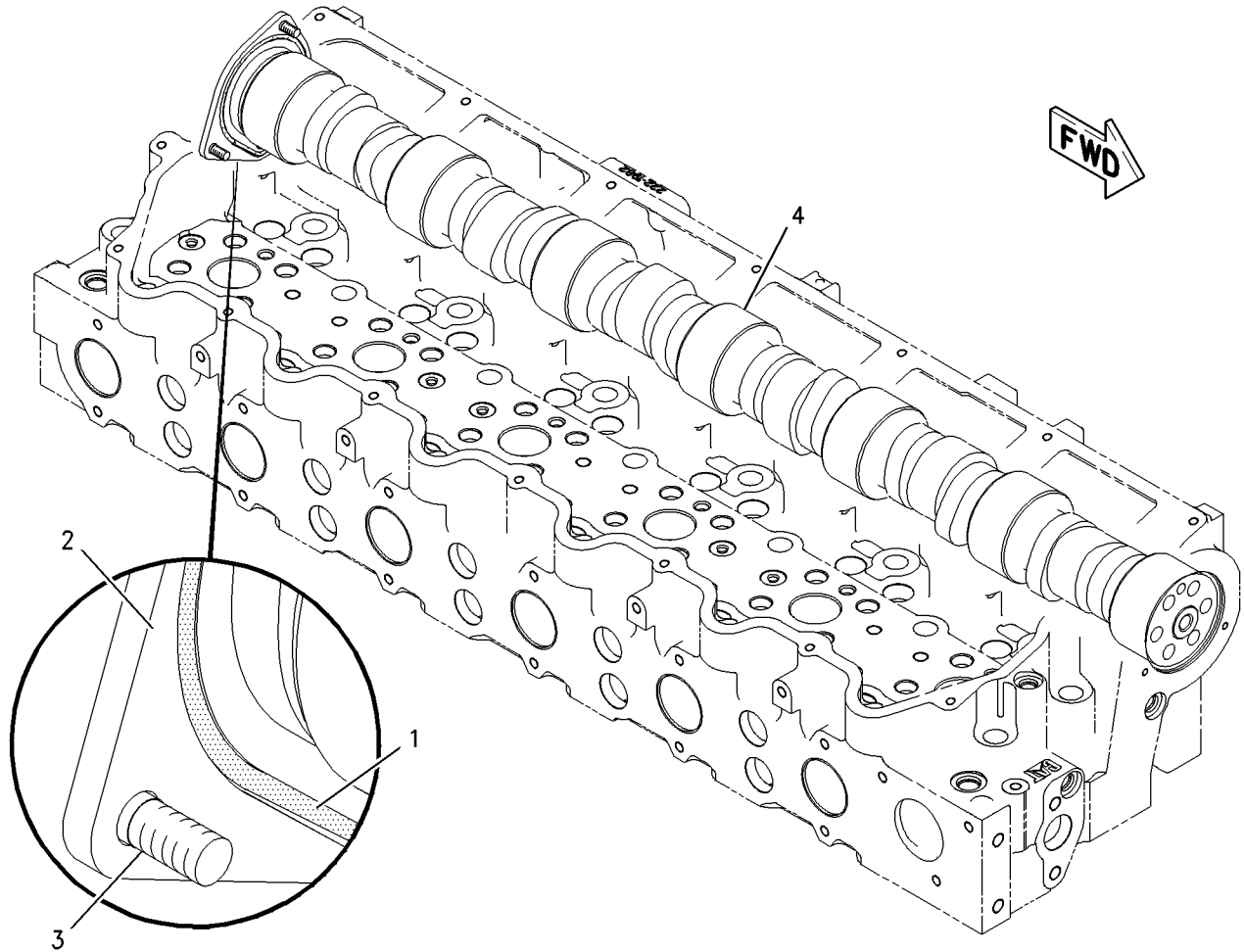
S/N: LHX1-UP

PART OF 241-5929, 279-1260 ENGINE AR-CORE

SMCS-1210, 1211, 1212

i01924802

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6V-1197	1	SEAL-O-RING						
	2	1	102-9089	1	COVER						
	3	1	119-0036	3	SCREW-FLAT HEAD						
	4	1	234-7900	1	CAMSHAFT						



GRAPHIC #1

<END>

g01002422

BASIC ENGINE

107-6736 COVER GP-CYLINDER BLOCK

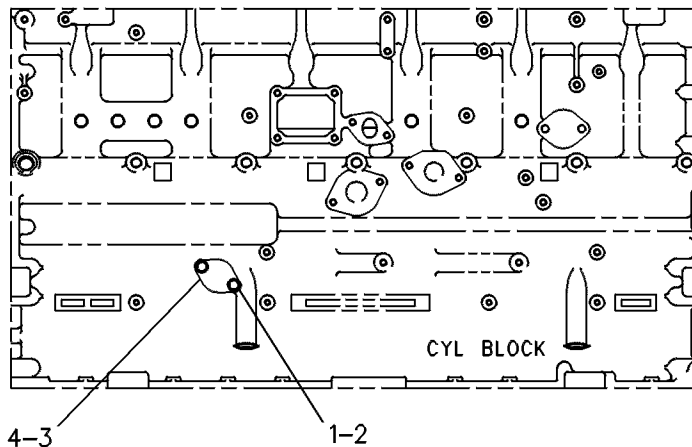
S/N: LHX1-UP

PART OF 225-8923 ENGINE AR-COMplete
FOR USE WITH MID MOUNTED TURBO AND/OR RH OIL FILL

SMCS-1201

i02763877

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



LEFT SIDE VIEW

GRAPHIC #1

<END>

g00244599

BASIC ENGINE

140-9746 COVER GP-CYLINDER BLOCK

S/N: LHX1-UP

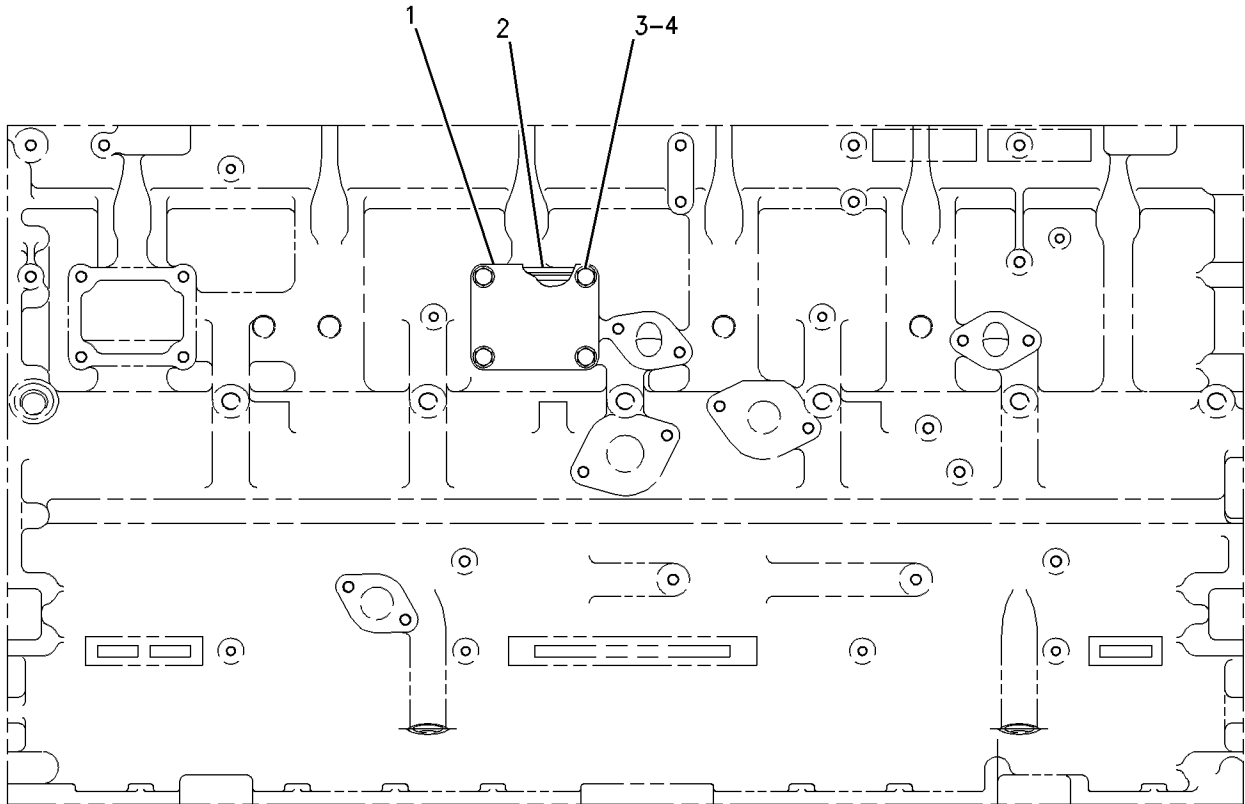
NO. 4 CYLINDER WATER OPENING

PART OF 225-8923 ENGINE AR-COMPLETE

SMCS-1201

i02668546

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



GRAPHIC #1

<END>

g00506684

BASIC ENGINE

120-9847 COVER GP-FRONT HOUSING

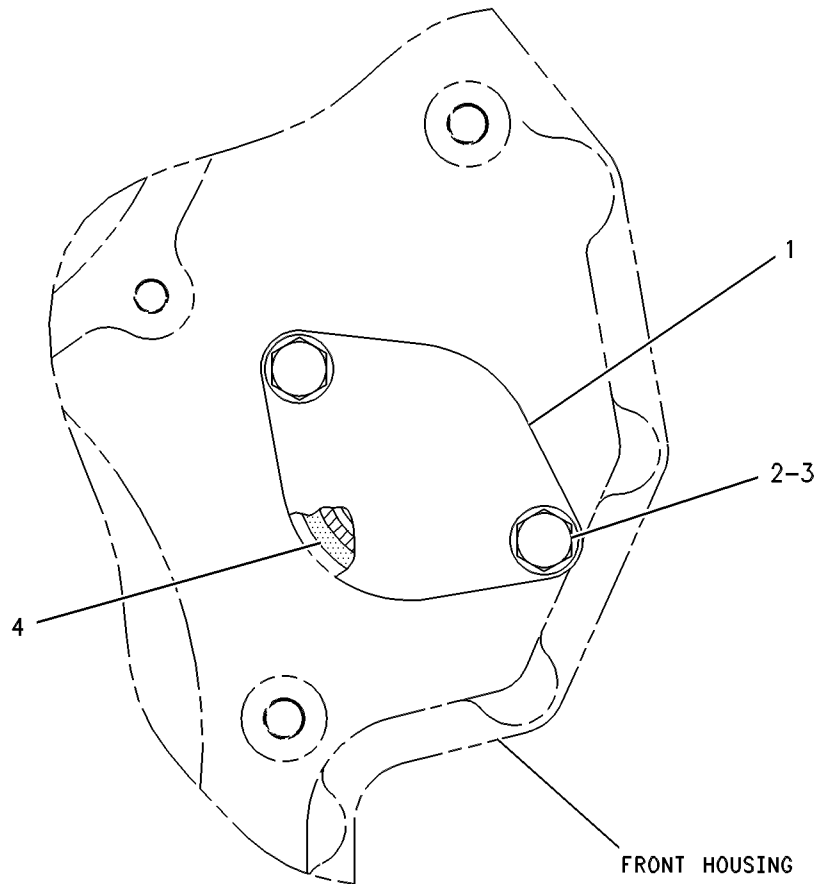
S/N: LHX1-UP

PROVIDES COVER FOR OIL FILLER OPENING ON FRONT HOUSING
PART OF 225-8923 ENGINE AR-COMplete

SMCS-1151, 1166

i00670788

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



GRAPHIC #1

<END>

g00252251

BASIC ENGINE

159-6159 COVER GP-FRONT HOUSING

S/N: LHX1-UP

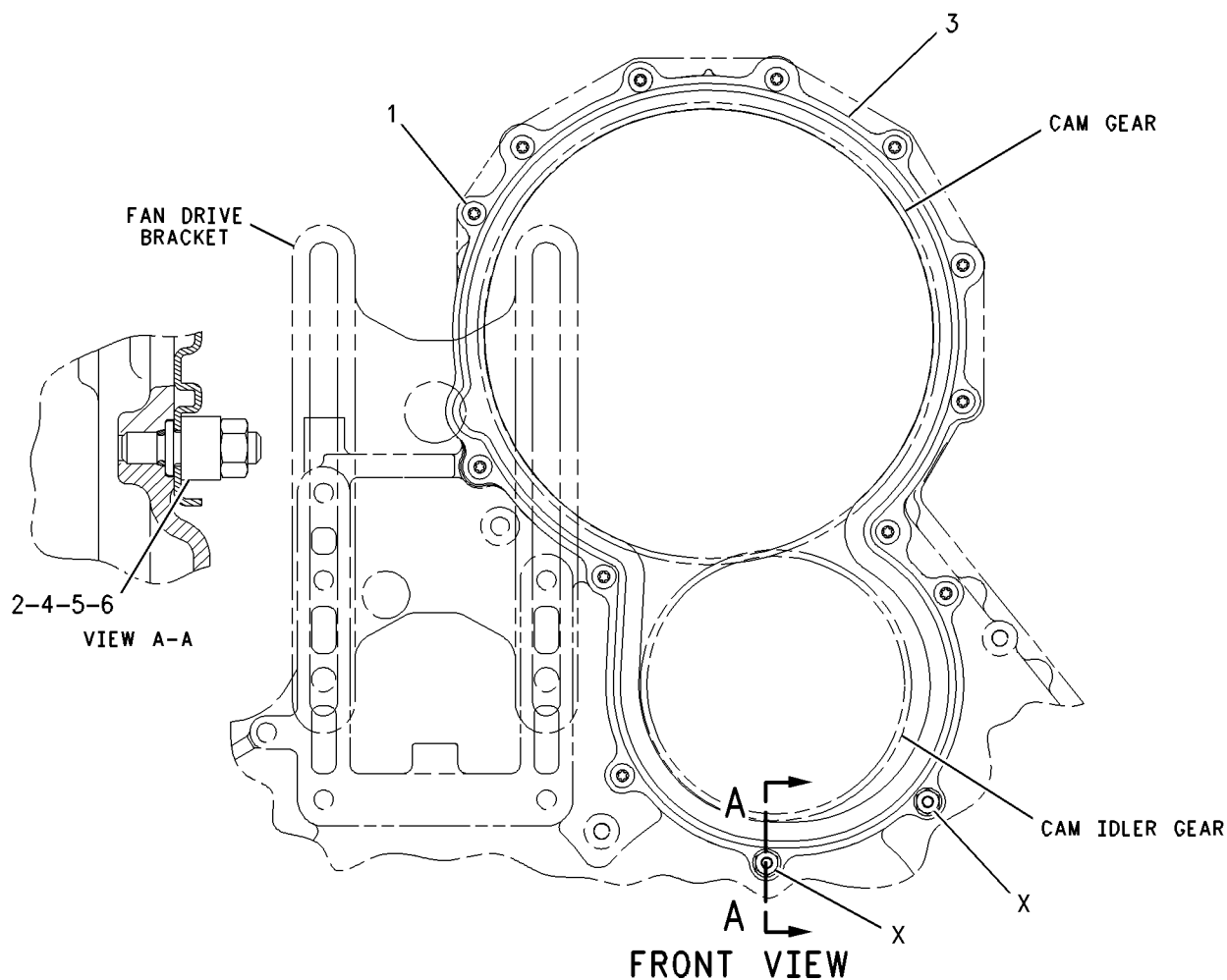
CAM AND IDLER GEAR ACCESS

PART OF 225-8923 ENGINE AR-COMplete

SMCS-1151, 1166

i02763873

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	297-1813	12	SCREW-HEAD (5/16-18X1-IN)	
	2	1	175-1367	2	SPACER (8.8X16X10-MM THK) (MARKED X)	
	3	1	209-3569	1	COVER GP-FRONT HOUSING	
		1	160-7271	1	SEAL	
	4	1	031-4155	2	LOCKNUT (5/16-18-THD) (MARKED X)	
	5	1	175-1366	2	STUD (MARKED X)	
	6	1	163-4565	2	SEAL-O-RING (MARKED X)	



GRAPHIC #1

<END>

g00631258

BASIC ENGINE

230-0104 COVER GP - SOUND SUPPRESSION-FRONT HOUSING

S/N: LHX1-UP

FOR THE WATER PUMP AREA

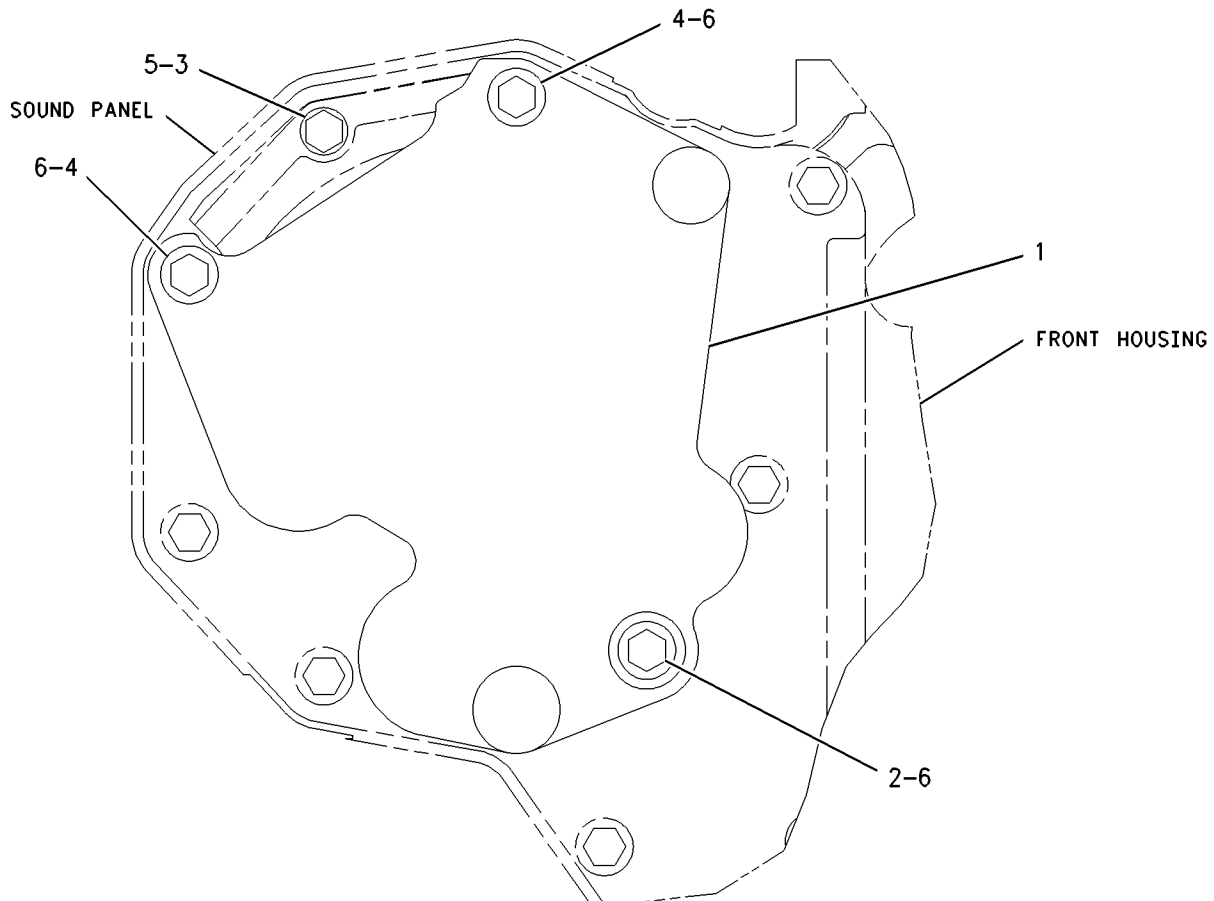
PART OF 225-8923 ENGINE AR-COMplete

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

SMCS-1801

i01897574

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



FRONT VIEW

GRAPHIC #1

<END>

g00987886

BASIC ENGINE

225-1148 COVER GP-VALVE MECHANISM

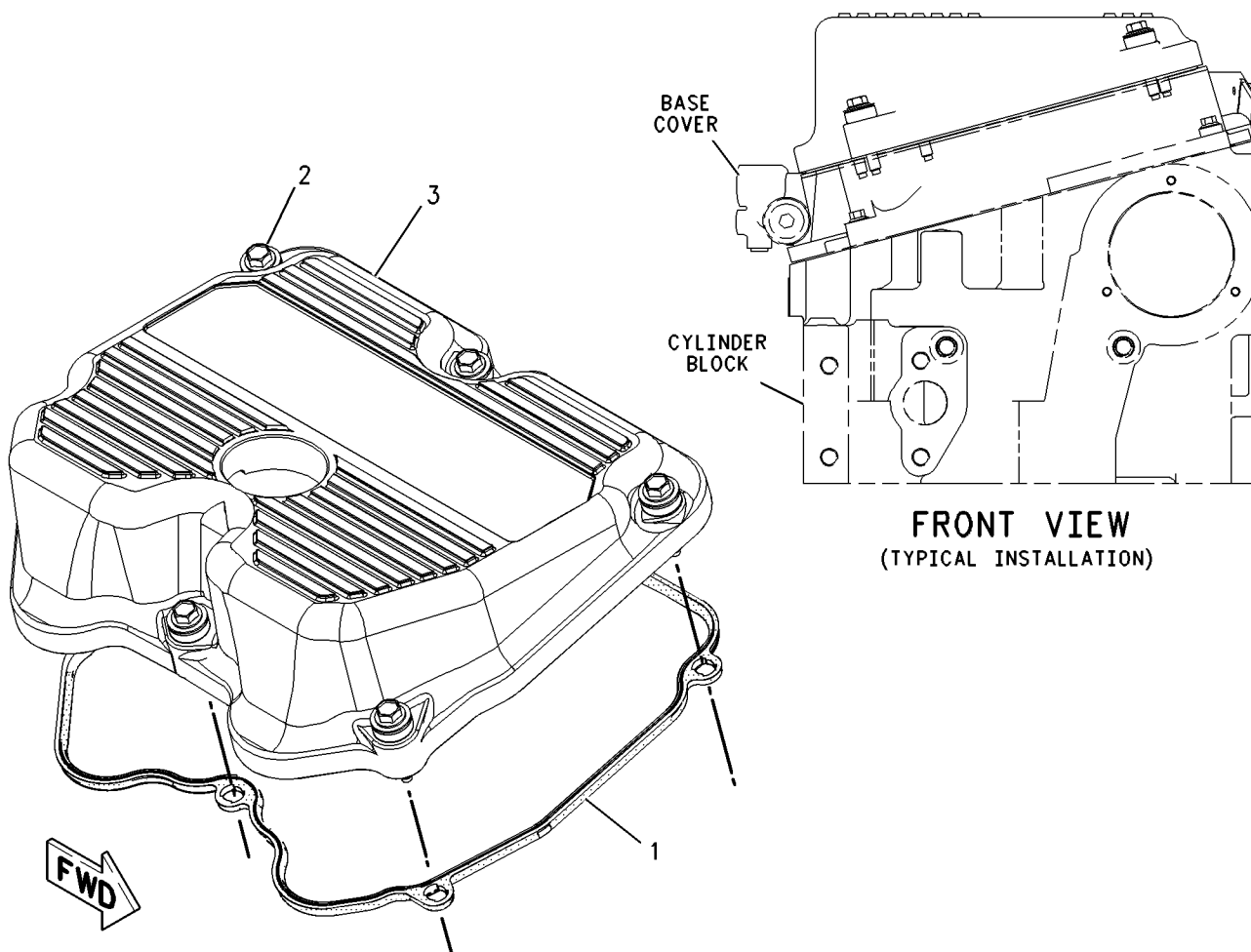
S/N: LHX1-UP

PART OF 239-4113 COVER GP-VALVE MECHANISM

SMCS-1107

i02502688

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



GRAPHIC #1

<END>

g00991113

BASIC ENGINE

239-4111 COVER GP-VALVE MECHANISM

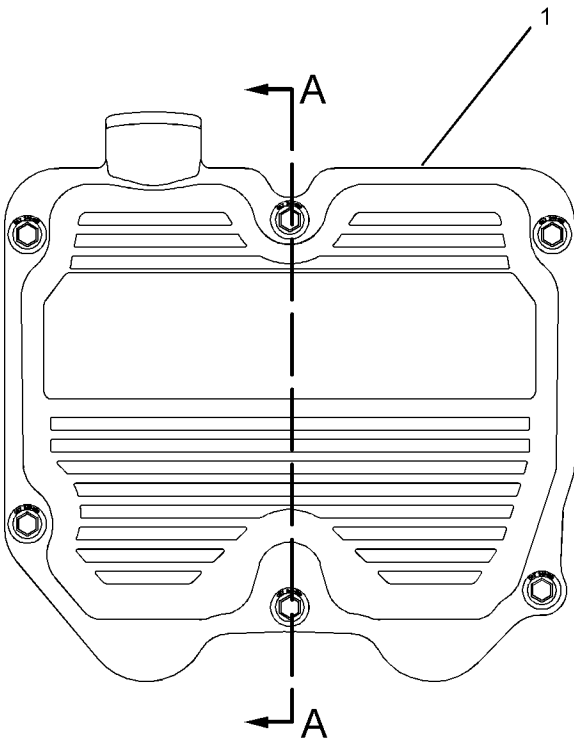
S/N: LHX1-UP

PART OF 239-4113 COVER GP-VALVE MECHANISM

SMCS-1107

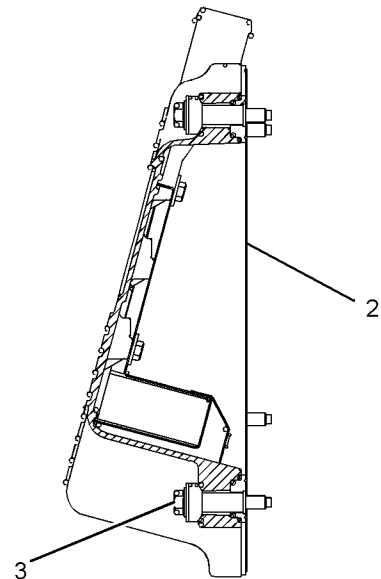
i02305859

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



GRAPHIC #1

<END>



SECTION A-A

g01052702

BASIC ENGINE

239-4113 COVER GP-VALVE MECHANISM

S/N: LHX1-UP

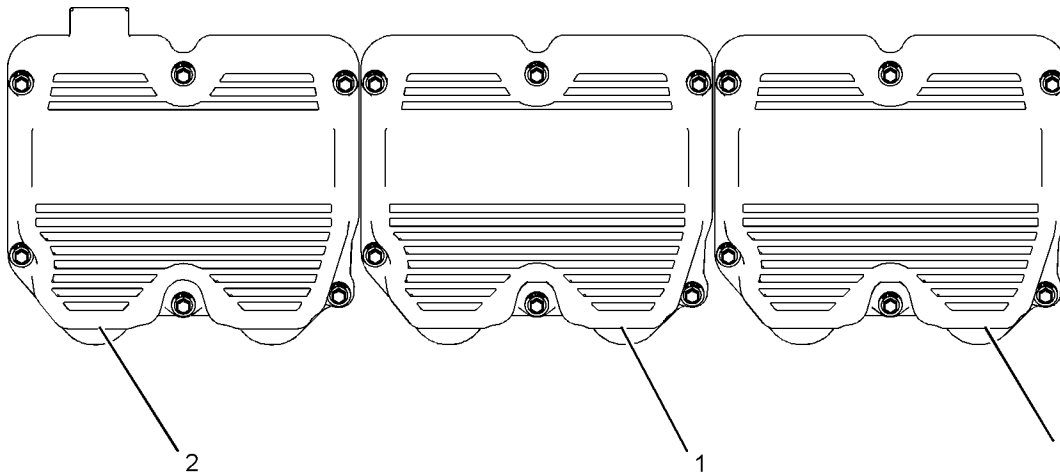
PART OF 225-8923 ENGINE AR-COMplete

SMCS-1107

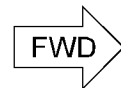
i02039988

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	225-1148	2	COVER GP-VALVE MECHANISM	21
Y	2	1	239-4111	1	COVER GP-VALVE MECHANISM	22

Y-SEPARATE ILLUSTRATION



TOP VIEW



GRAPHIC #1

<END>

g01052729

BASIC ENGINE

223-9731 CRANKSHAFT GP

S/N: LHX1-UP

PART OF 241-5929, 279-1260 ENGINE AR-CORE

SMCS-1202

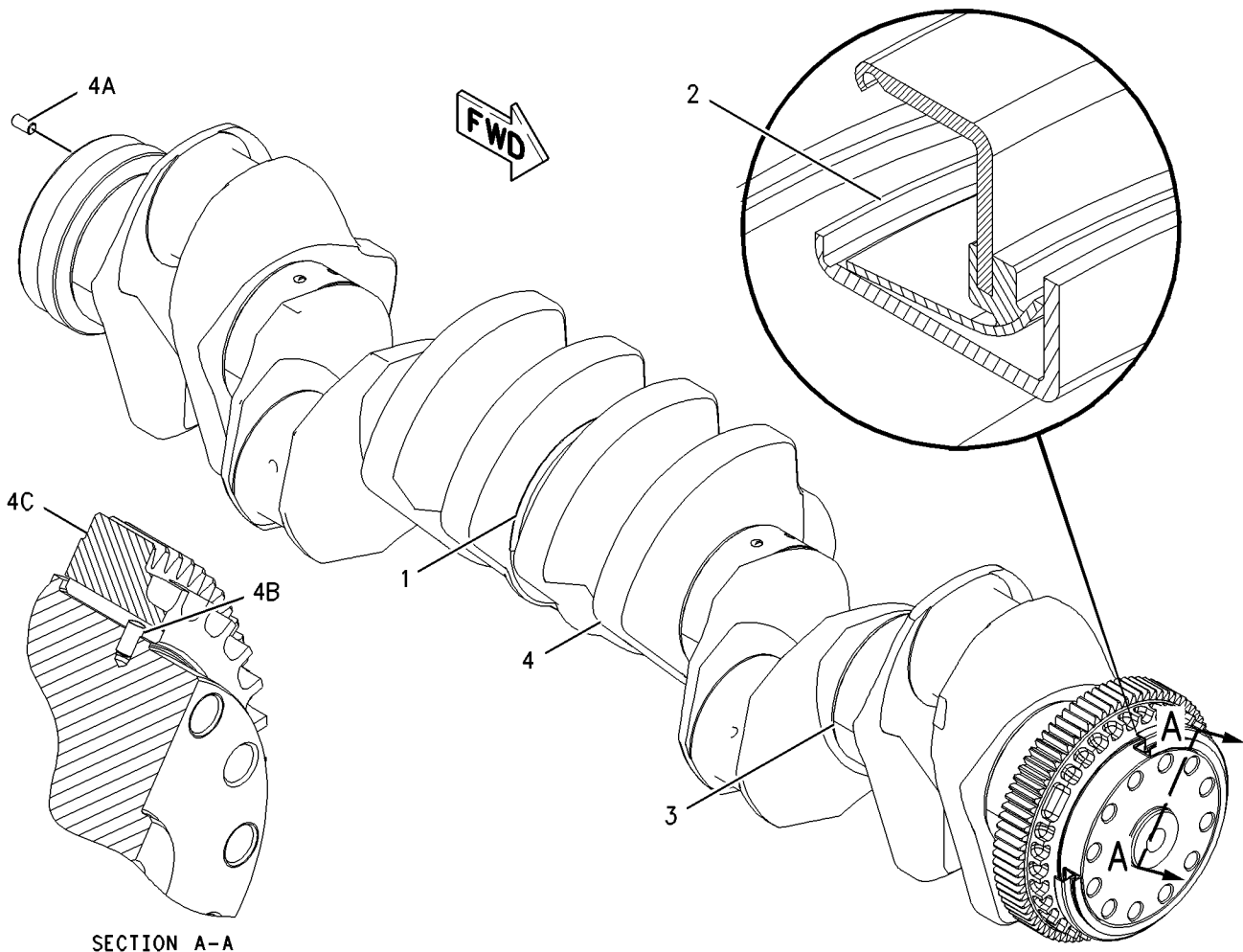
i02691165

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	253-1752	2	PLATE-THRUST						
	2	1	142-5867	1	SEAL GP-CRANKSHAFT (FRONT)						
	3	1	211-0592	7	BEARING-MAIN (STANDARD)						
AB		1	4W-5698		BEARING-MAIN (0.63-MM US)						
AB		1	4W-5699		BEARING-MAIN (1.27-MM US)						
AB		1	4W-5700		BEARING-MAIN (0.63-MM OS)						
AB		1	4W-5701		BEARING-MAIN (0.63-MM US - 0.63-MM OS)						
R	4	1	221-9360	1	CRANKSHAFT AS						
	4A	1	4N-0684	1	DOWEL						
	4B	1	7S-5005	1	DOWEL						
	4C	1	160-5120	1	GEAR-CRANKSHAFT (80-TEETH)						

A - NOT PART OF THIS GROUP

B - USE AS REQUIRED

R - REMFG PART MAY BE AVAILABLE



SECTION A-A

GRAPHIC #1

<END>

g00955077

BASIC ENGINE

222 - 1976 CYLINDER BLOCK GP

S/N: LHX1-UP

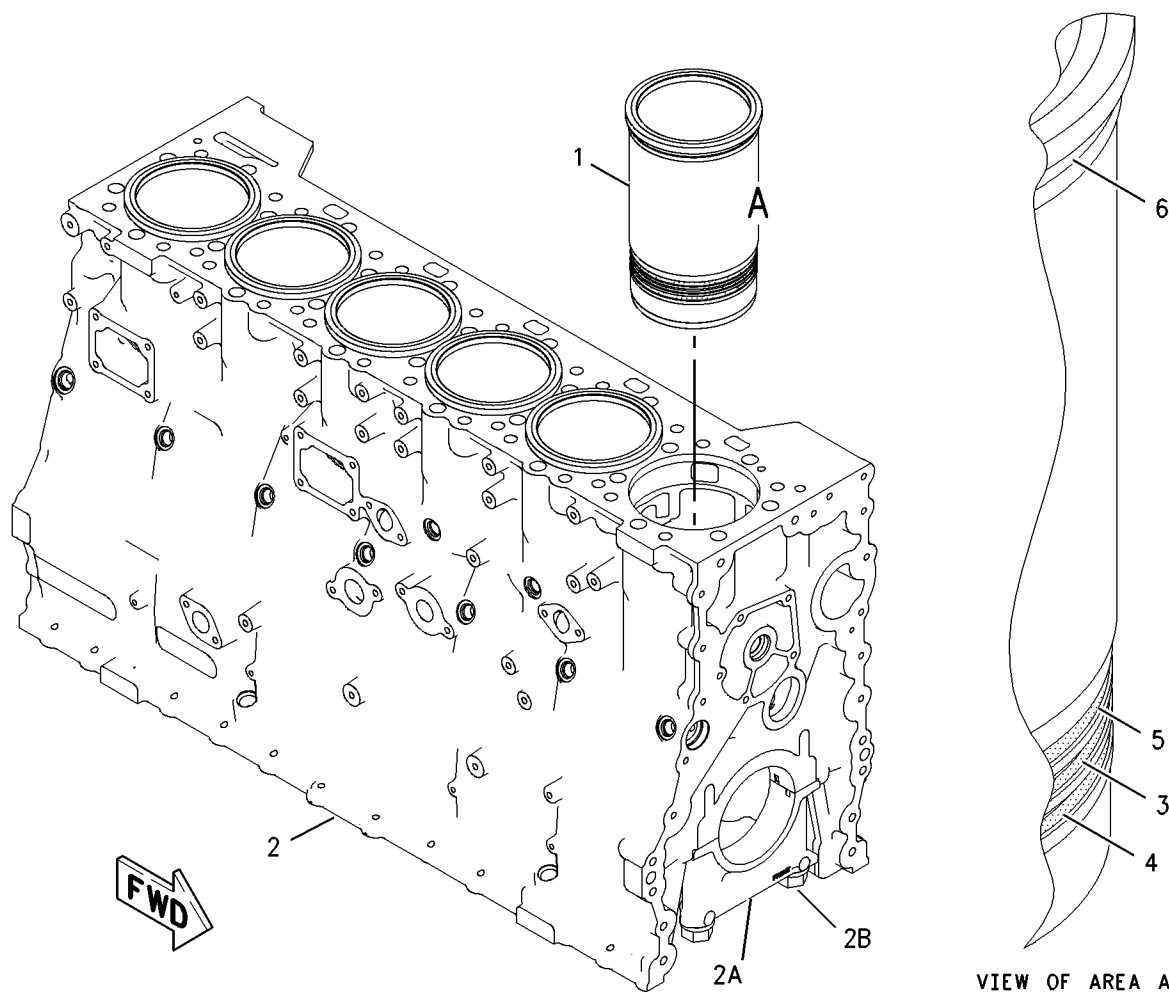
PART OF 223-9252 CYLINDER BLOCK GP

SMCS-1201

i02207401

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	238-2700	6	LINER-CYLINDER						
R	2	1	229-8568	1	CYLINDER BLOCK AS						
	2A	1	167-8081	7	CAP-CRANKSHAFT BEARING						
	2B	1	167-8083	14	BOLT (7/8-14X7.5-IN)						
		1	9H-1031	14	WASHER-HARD (24X41.5X6-MM THK)						
	3	1	110-2220	6	SEAL-LINER (141-MM ID)						
	4	1	142-6217	6	SEAL-O-RING						
	5	1	142-7072	6	SEAL-LINER (140.2-MM ID)						
	6	1	9L-5854	6	BAND-FILLER (130.2-MM ID)						

R-REMFG PART MAY BE AVAILABLE



GRAPHIC #1

<END>

g00977436

BASIC ENGINE

223-9252 CYLINDER BLOCK GP

S/N: LHX1-UP

PART OF 241-5929, 279-1260 ENGINE AR-CORE

SMCS-1201

i02758290

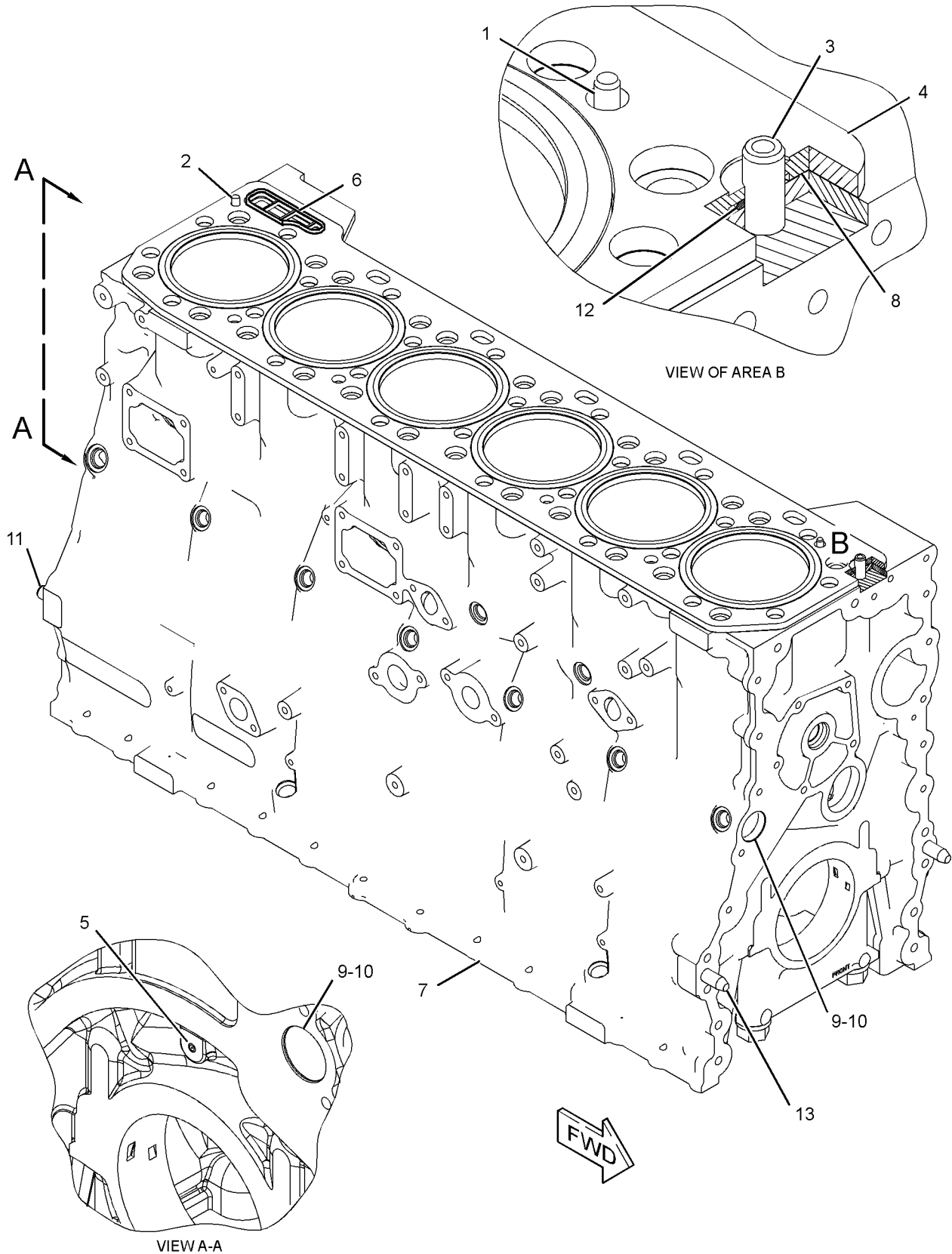
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	1S-9540	1	DOWEL	
	2	1	4N-1650	1	DOWEL	
	3	1	6I-1055	1	DOWEL	
	4	1	6I-4421	1	PLATE-SPACER	
	5	1	8S-9094	1	PLUG-ORIFICE	
	6	1	142-2329	1	SEAL	
Y	7	1	222-1976	1	CYLINDER BLOCK GP	25
	8	1	227-1204	1	GASKET	
	9	1	100-7399	2	PLUG	
	10	1	250-0466	2	SEAL-O-RING	
	11	1	4N-0683	2	DOWEL	
	12	1	5P-0840	1	SEAL-O-RING	
	13	1	266-6038	2	DOWEL	

Y-SEPARATE ILLUSTRATION

BASIC ENGINE

223-9252 CYLINDER BLOCK GP (contd.)

i02758290



GRAPHIC #1

<END>

g01381152

BASIC ENGINE

223 - 7263 CYLINDER HEAD AS

S/N: LHX1-UP

WITH PRE-FINISHED VALVE SEAT INSERTS

PART OF 243-6741 CYLINDER HEAD AS, 223-9250, 267-2060 CYLINDER HEAD GP

SMCS-1100, 1101

i02763870

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	122-7375	24	GUIDE-VALVE (STANDARD)						
AB		1	122-0447		GUIDE-VALVE (0.51-MM OS)						
AB		1	122-8612		GUIDE-VALVE (0.13-MM OS)						
	2	1	216-5582	7	BEARING-SLEEVE (STANDARD)						
AB		1	217-0751		BEARING-SLEEVE (0.254-MM OS)						
AB		1	217-0752		BEARING-SLEEVE (0.762-MM OS)						
AB		1	261-3429		BEARING-SLEEVE (1.778-MM OS)						
AB		1	261-3430		BEARING-SLEEVE (1.27-MM OS)						
	3	1	224-3983	12	INSERT-SEAT (INLET)						
AB		1	167-0643		INSERT-VALVE SEAT (0.76-MM OS)						
AB		1	170-4738		INSERT-VALVE SEAT (0.51-MM OS)						
	4	1	226-5561	12	INSERT-VALVE (EXHAUST) (STANDARD)						
AB		1	288-4883		INSERT-VALVE (EXHAUST 0.51 OS OD)						
AB		1	288-4884		INSERT-VALVE (EXHAUST 0.76 OS OD)						
	5	1	263-4920	6	SLEEVE-INJECTOR (INLET)						
	8	1	166-2904	12	SEAL-O-RING						
	9	1	3B-0623	17	PLUG-CUP						
	10	1	3B-0645	20	PLUG-CUP						
	11	1	8T-6757	3	PLUG-PIPE						
	12	1	9X-7430	6	SEAL-O-RING						

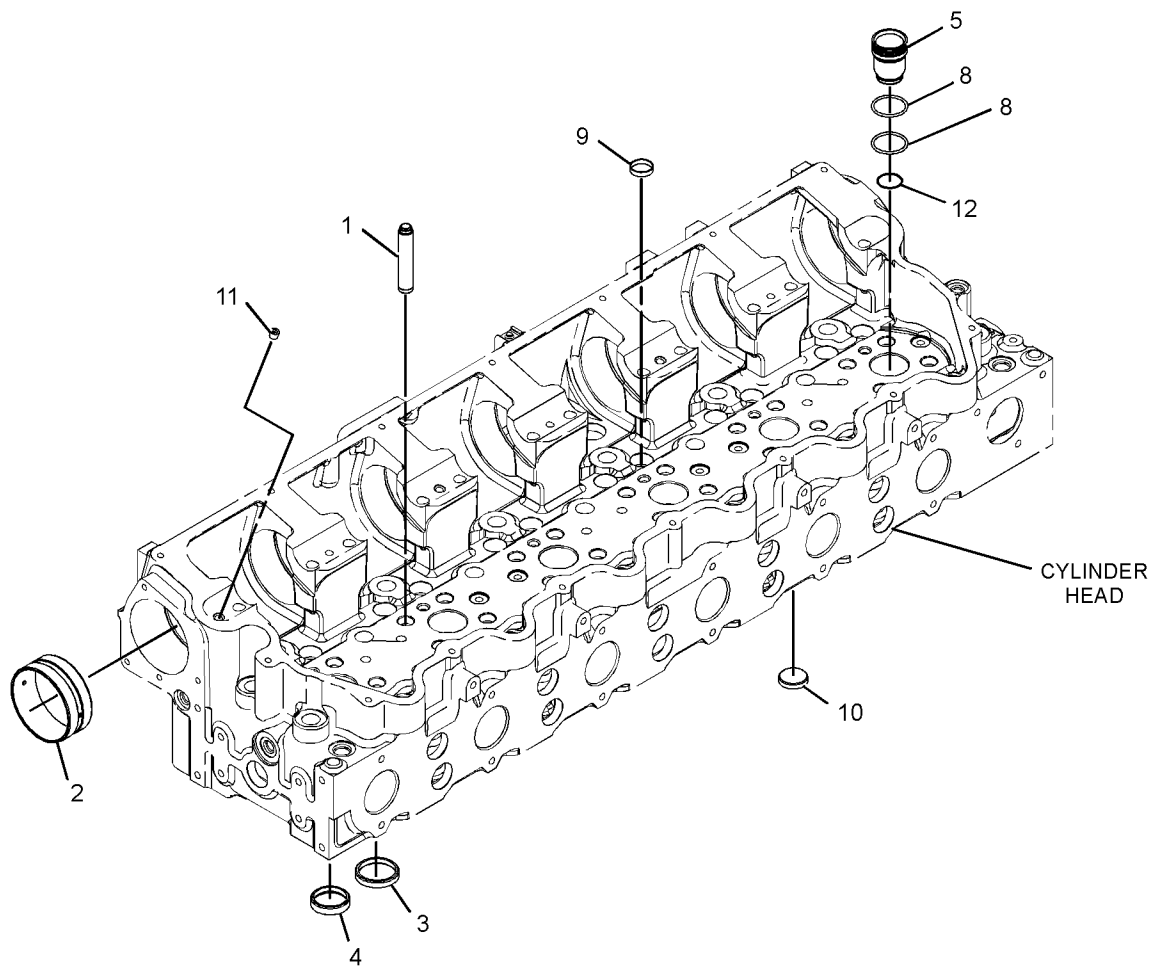
A - NOT PART OF THIS GROUP

B - USE AS REQUIRED

BASIC ENGINE

223-7263 CYLINDER HEAD AS (contd.)

i02763870



GRAPHIC #1

<END>

g01370336

BASIC ENGINE

243-0943 CYLINDER HEAD AS

S/N: LHX1-UP

PART OF 243-6741 CYLINDER HEAD AS

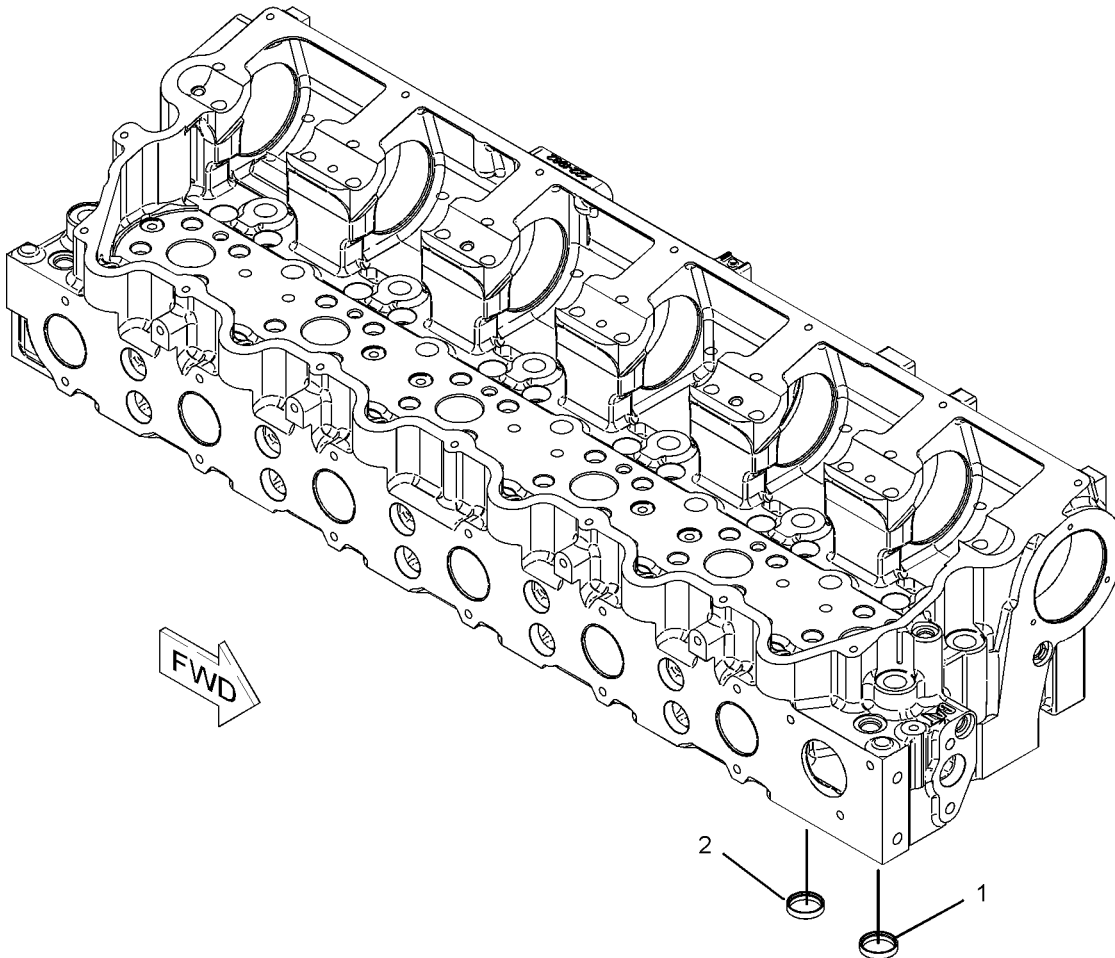
SMCS-1100, 1101

i01983776

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

A-NOT PART OF THIS GROUP

B-USE AS REQUIRED



GRAPHIC #1

<END>

g01028691

BASIC ENGINE

243-6741 CYLINDER HEAD AS

S/N: LHX1-UP

WITH MACHINE IN PLACE VALVE SEAT INSERTS

PART OF 223-9250 CYLINDER HEAD GP

SMCS-1100, 1101

i02763889

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	122-7375	24	GUIDE-VALVE (STANDARD)	
AB		2	122-0447		GUIDE-VALVE (0.51-MM OS)	
AB		2	122-8612		GUIDE-VALVE (0.13-MM OS)	
	2	1	216-5582	7	BEARING-SLEEVE (STANDARD)	
AB		1	217-0751		BEARING-SLEEVE (0.254-MM OS)	
AB		1	217-0752		BEARING-SLEEVE (0.762-MM OS)	
AB		1	261-3429		BEARING-SLEEVE (1.778-MM OS)	
AB		1	261-3430		BEARING-SLEEVE (1.27-MM OS)	
	3	2	227-4239	6	SLEEVE-INJECTOR	
Y	4	1	243-0943	1	CYLINDER HEAD AS	30
					-OR-	
Y		1	223-7263	1	CYLINDER HEAD AS	28
	5	2	166-2903	6	SEAL-O-RING	
	6	2	166-2904	6	SEAL-O-RING	
	7	1	3B-0623	17	PLUG-CUP	
	8	1,2	3B-0645	20	PLUG-CUP	
	9	2	8T-6757	3	PLUG-PIPE	
	10	2	9X-7430	6	SEAL-O-RING	

A-NOT PART OF THIS GROUP

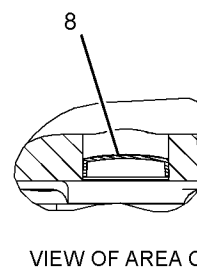
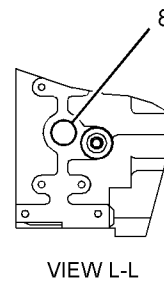
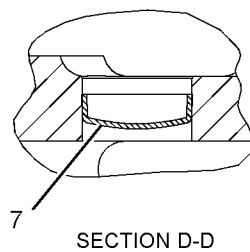
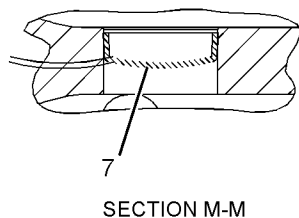
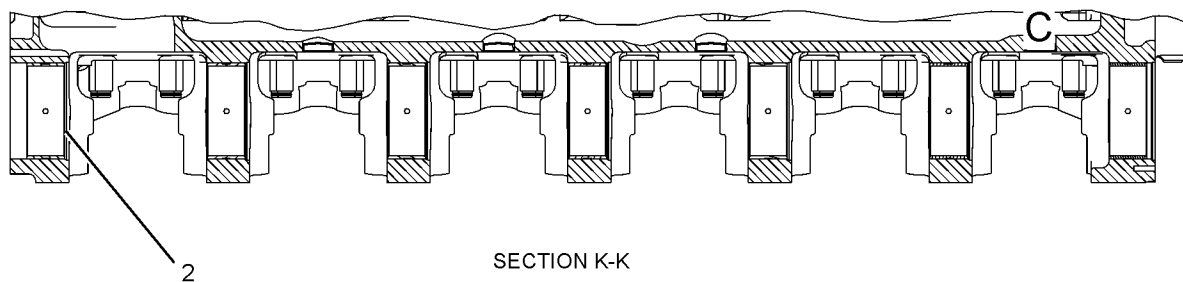
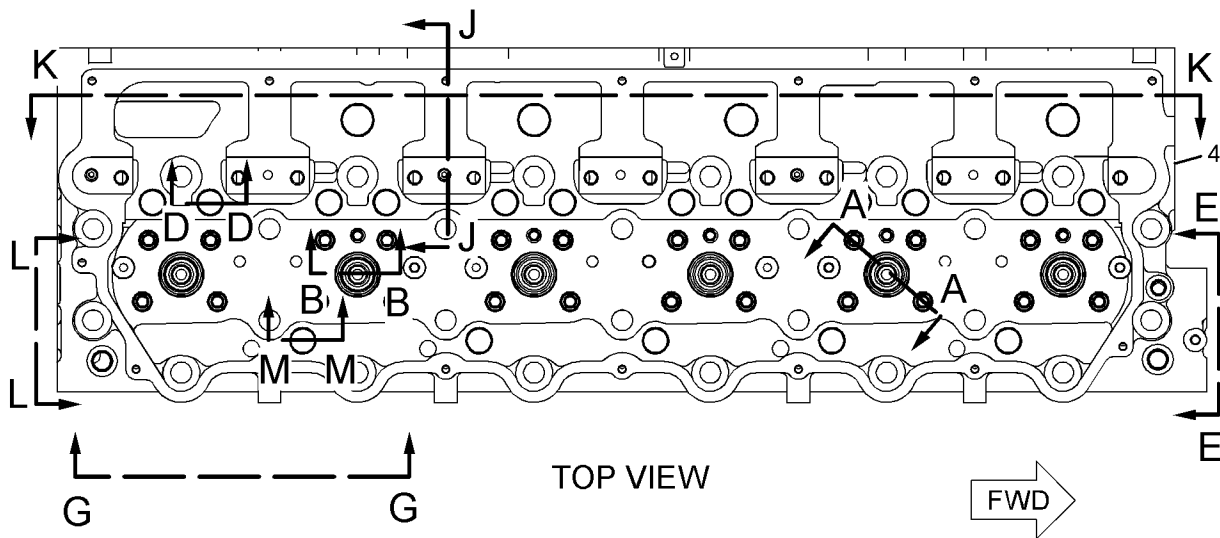
B-USE AS REQUIRED

Y-SEPARATE ILLUSTRATION

BASIC ENGINE

243-6741 CYLINDER HEAD AS (contd.)

i02763889



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

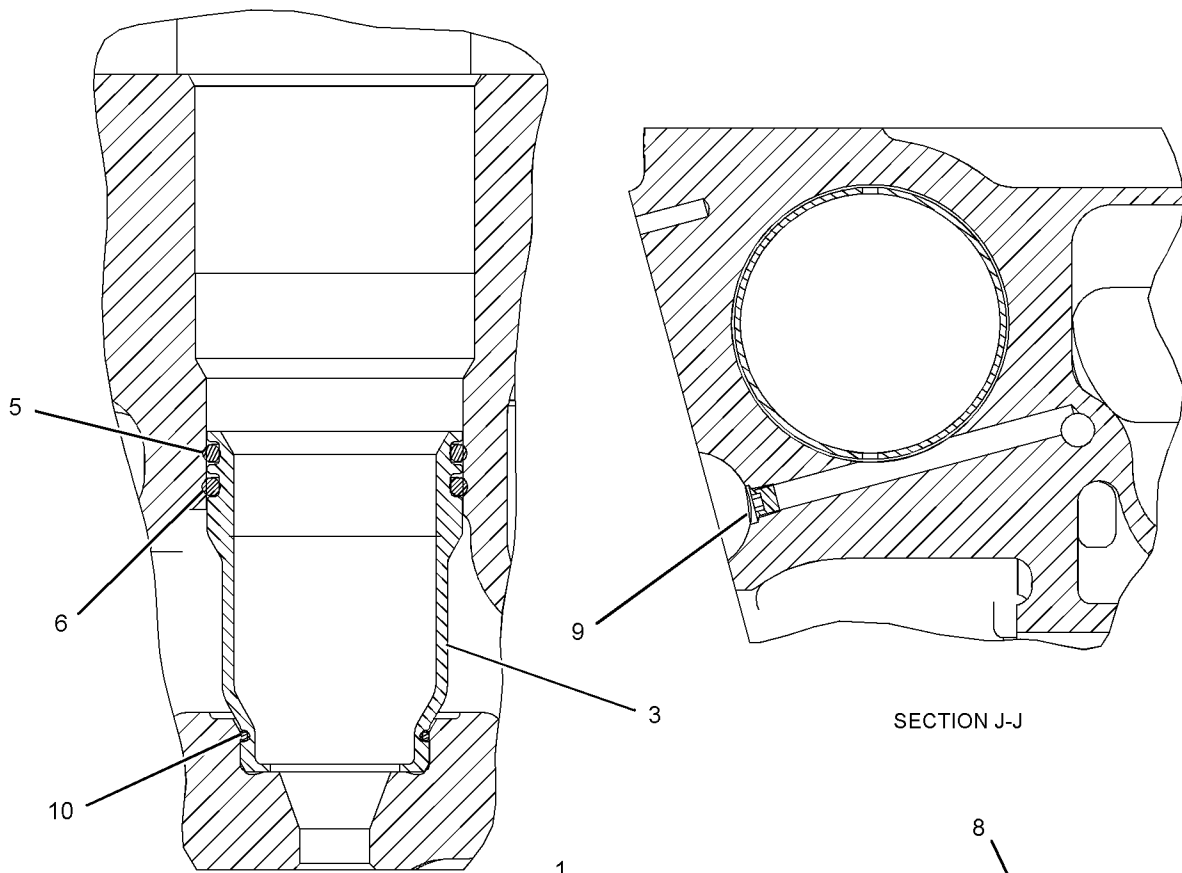
GRAPHIC #1

g01221315

BASIC ENGINE

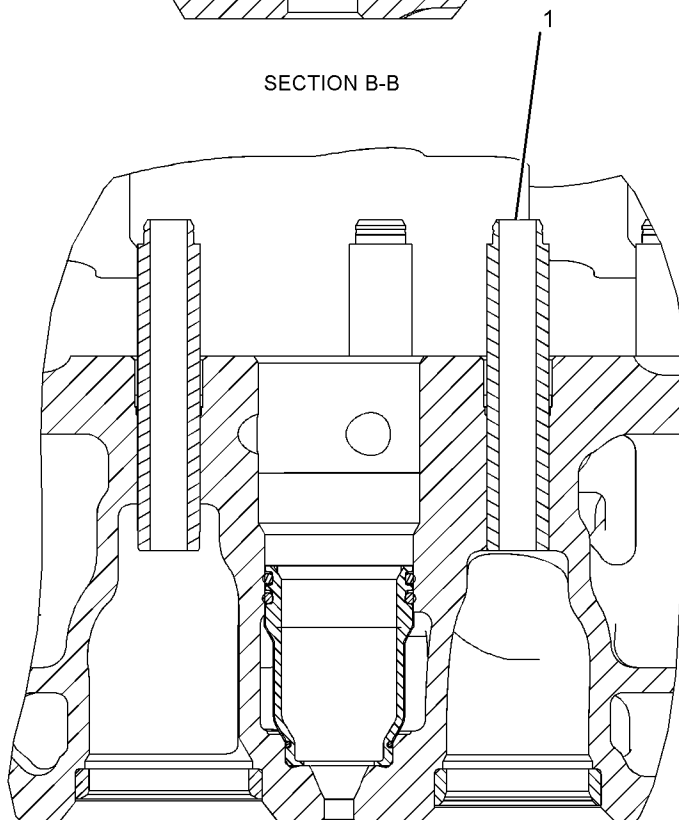
243-6741 CYLINDER HEAD AS (contd.)

i02763889

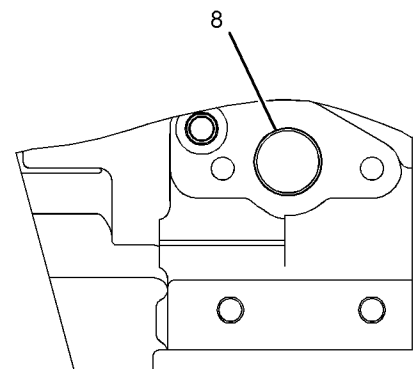


SECTION B-B

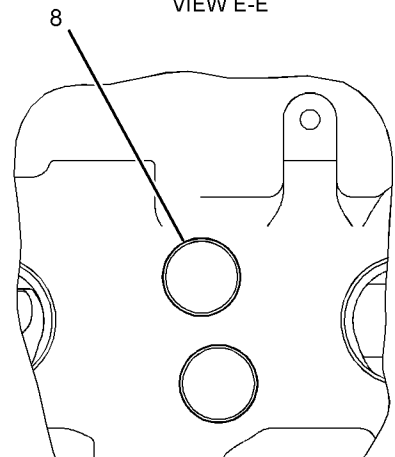
SECTION J-J



SECTION A-A



VIEW E-E



VIEW G-G

GRAPHIC #2

<END>

g01029134

BASIC ENGINE

223-9250 CYLINDER HEAD GP*R

S/N: LHX1-2971

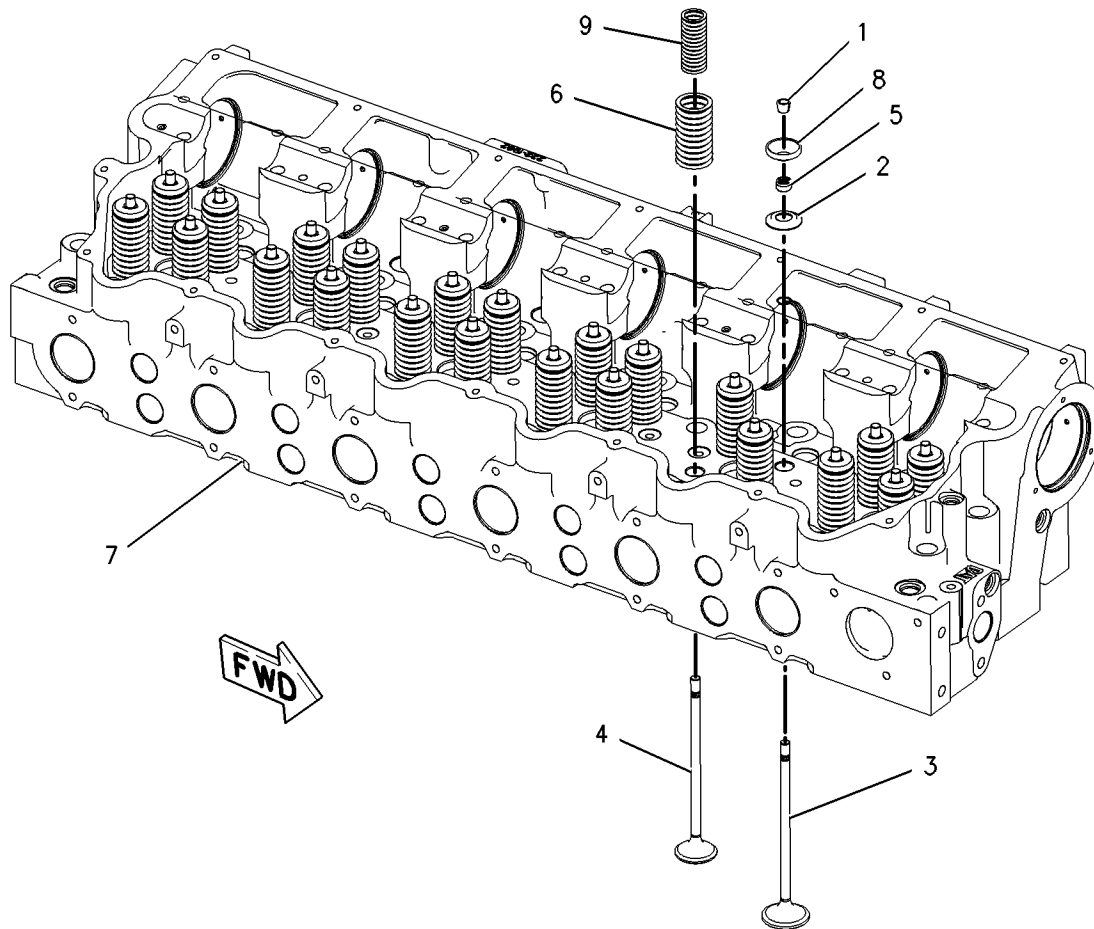
PART OF 235-2974 CYLINDER HEAD GP

SMCS-1100

i02733172

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	2A-4429	48	LOCK-RETAINER	
	2	1	6I-0928	24	WASHER	
	3	1	153-7023	12	VALVE-INLET	
	4	1	153-7024	12	VALVE-EXHAUST	
	5	1	163-2478	24	SEAL-VALVE STEM	
	6	1	211-3123	24	SPRING-VALVE (OUTER)	
CY	7	1	243-6741	1	CYLINDER HEAD AS	31
	8	1	186-2001	24	ROTOCOIL AS	
	9	1	211-3122	24	SPRING-VALVE (INNER)	

C- CHANGE FROM PREVIOUS TYPE
Y- SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00955632

BASIC ENGINE

223-9250 CYLINDER HEAD GP*R

S/N: LHX2972-UP

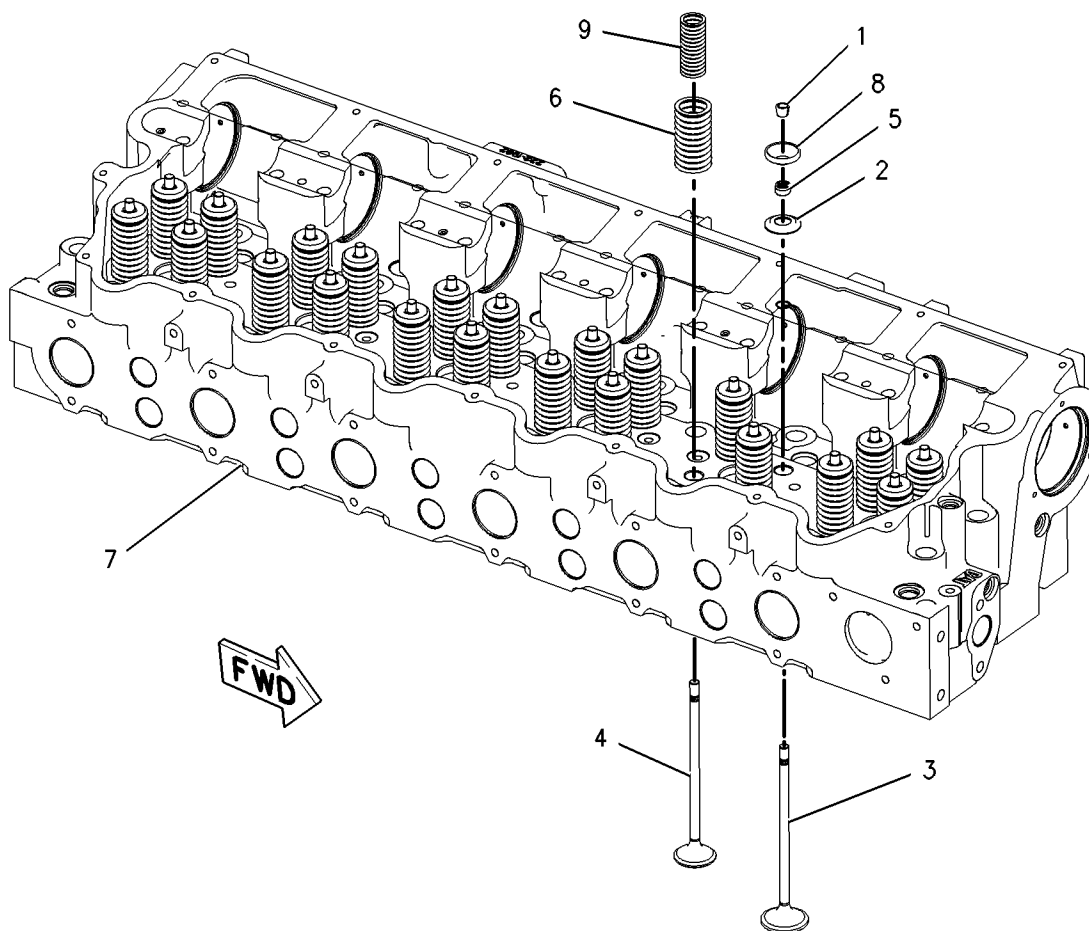
PART OF 235-2974 CYLINDER HEAD GP

SMCS-1100

i02508653

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	2A-4429	48	LOCK-RETAINER	
	2	1	6I-0928	24	WASHER	
	3	1	153-7023	12	VALVE-INLET	
	4	1	153-7024	12	VALVE-EXHAUST	
	5	1	163-2478	24	SEAL-VALVE STEM	
	6	1	211-3123	24	SPRING-VALVE (OUTER)	
CY	7	1	223-7263	1	CYLINDER HEAD AS	28
	8	1	186-2001	24	ROTOCOIL AS	
	9	1	211-3122	24	SPRING-VALVE (INNER)	

C- CHANGE FROM PREVIOUS TYPE
Y- SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00955632

BASIC ENGINE

235 - 2974 CYLINDER HEAD GP

S/N: LHX1-70975

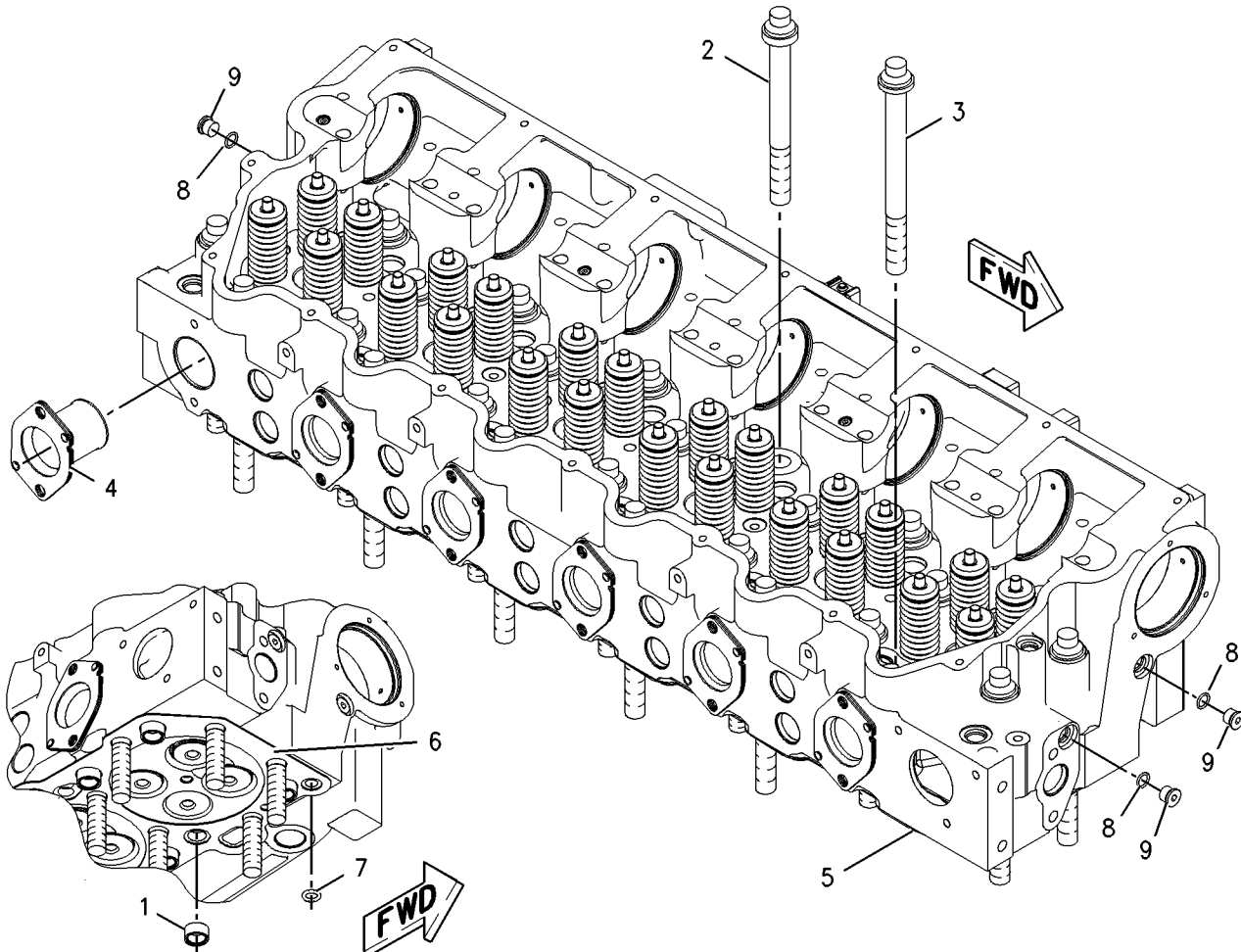
PART OF 241-5929, 279-1260 ENGINE AR-CORE

SMCS-1100

i02485443

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	3E-6772	24	SEAL	
	2	1	6I-4025	16	FASTENER GP-CYLINDER HEAD	
					(EACH INCLUDES)	
		1	5H-1504	1	WASHER-HARD (20X33.5X5-MM THK)	
		1	124-1855	1	BOLT-12 POINT HEAD (3/4-16X7.638-IN)	
	3	1	106-5673	10	FASTENER GP-CYLINDER HEAD	
					(EACH INCLUDES)	
		1	5H-1504	1	WASHER-HARD (20X33.5X5-MM THK)	
		1	124-1854	1	BOLT-12 POINT HEAD (3/4-16X8.5-IN)	
	4	1	281-8261	6	SLEEVE AS-EXHAUST	
YR	5	1	223-9250	1	CYLINDER HEAD GP	34
	6	1	224-5122	1	GASKET	
	7	1	5P-0840	1	SEAL-O-RING	
	8	1	6V-5049	3	SEAL-O-RING	
	9	1	9S-8004	3	PLUG-O-RING	

R-REMG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01002373

BASIC ENGINE

267-2060 CYLINDER HEAD GP*R

S/N: LHX10976-UP

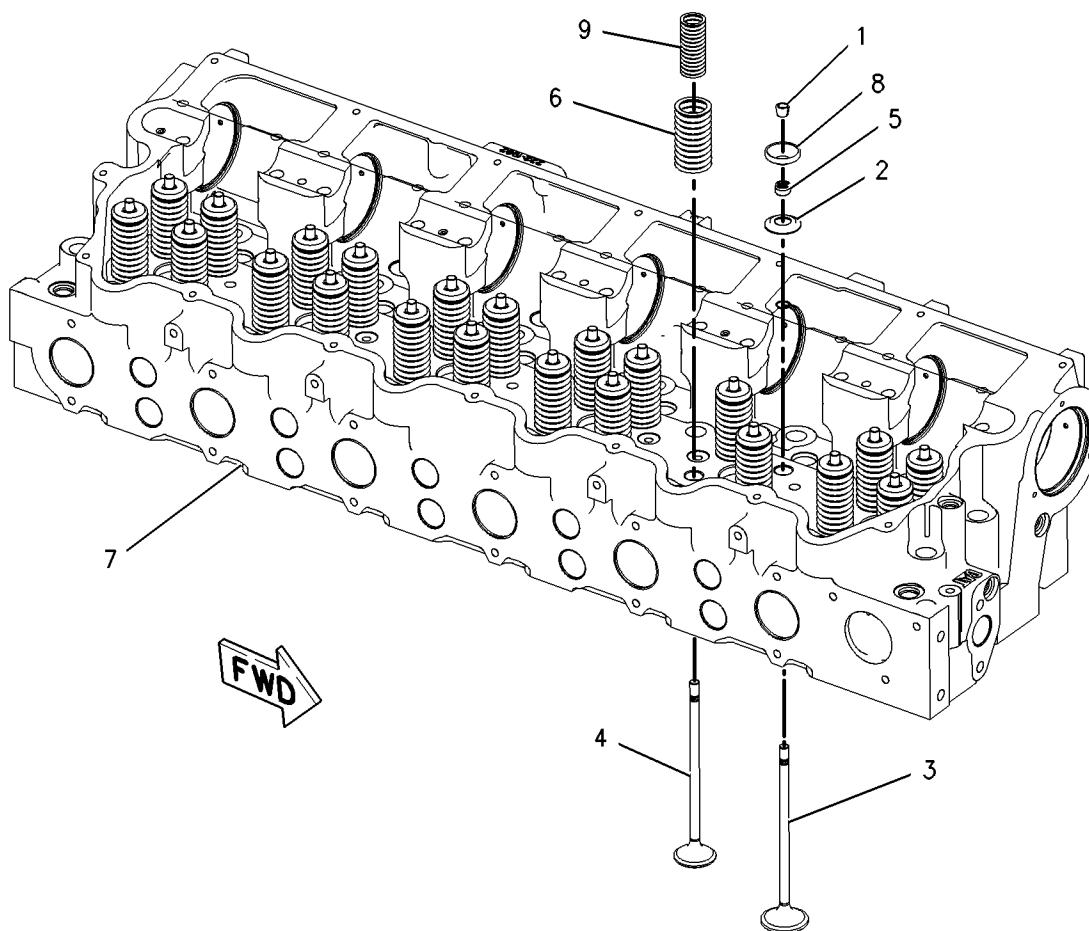
PART OF 274-1953 CYLINDER HEAD GP

SMCS-1100

i02500022

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	2A-4429	48	LOCK-RETAINER	
	2	1	6I-0928	24	WASHER	
	3	1	236-5605	12	VALVE-INLET	
	4	1	153-7024	12	VALVE-EXHAUST	
	5	1	163-2478	24	SEAL-VALVE STEM	
	6	1	211-3123	24	SPRING-VALVE	
CY	7	1	223-7263	1	CYLINDER HEAD AS	28
	8	1	186-2001	24	ROTOCOIL AS	
	9	1	211-3122	24	SPRING-VALVE	

C- CHANGE FROM PREVIOUS TYPE
Y- SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00955632

BASIC ENGINE

274-1953 CYLINDER HEAD GP

S/N: LHX10976-UP

PART OF 241-5929 ENGINE AR-CORE

SMCS-1100

i02497593

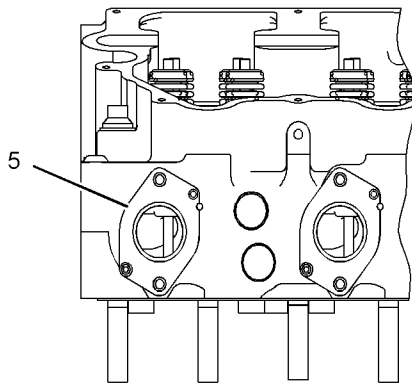
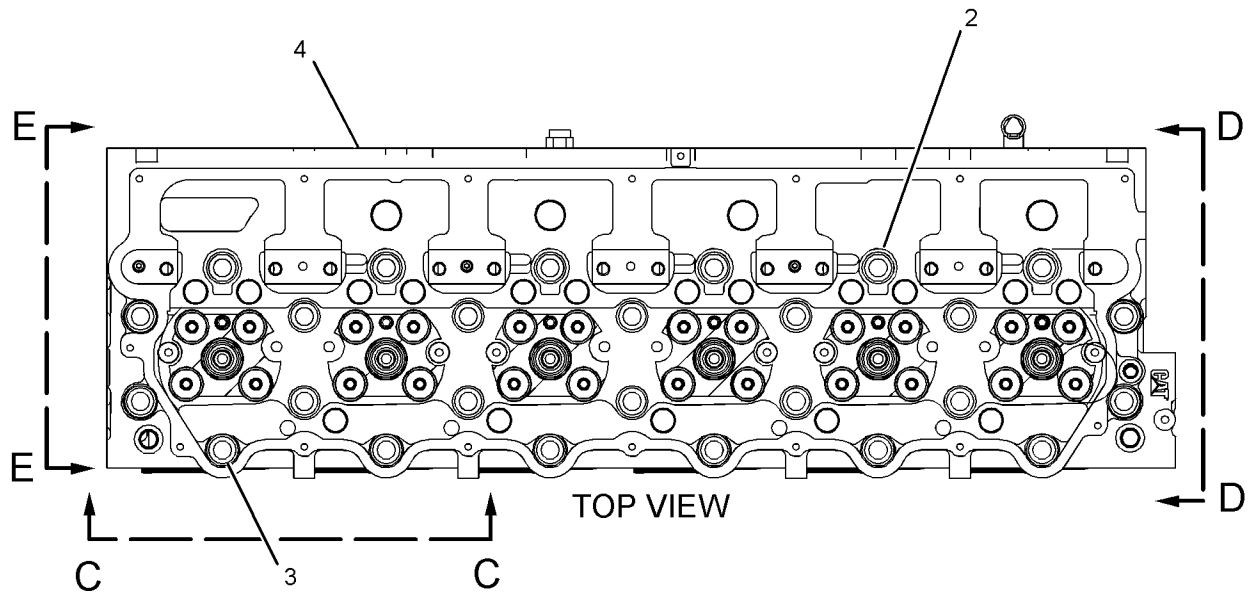
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3E-6772	24	SEAL						
	2	1	6I-4025	16	FASTENER GP-CYLINDER HEAD						
					(EACH INCLUDES)						
		1	5H-1504	1	WASHER-HARD (20X33.5X5-MM THK)						
		1	124-1855	1	BOLT-12 POINT HEAD (3/4-16X7.638-IN)						
	3	1	106-5673	10	FASTENER GP-CYLINDER HEAD						
					(EACH INCLUDES)						
		1	5H-1504	1	WASHER-HARD (20X33.5X5-MM THK)						
		1	124-1854	1	BOLT-12 POINT HEAD (3/4-16X8.5-IN)						
YR	4	1	267-2060	1	CYLINDER HEAD GP						37
	5	1	281-8261	6	SLEEVE AS-EXHAUST						
	6	1	224-5122	1	GASKET						
	7	1	5P-0840	1	SEAL-O-RING						
	8	1	6V-5049	3	SEAL-O-RING						
	9	1	9S-8004	3	PLUG-O-RING						

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

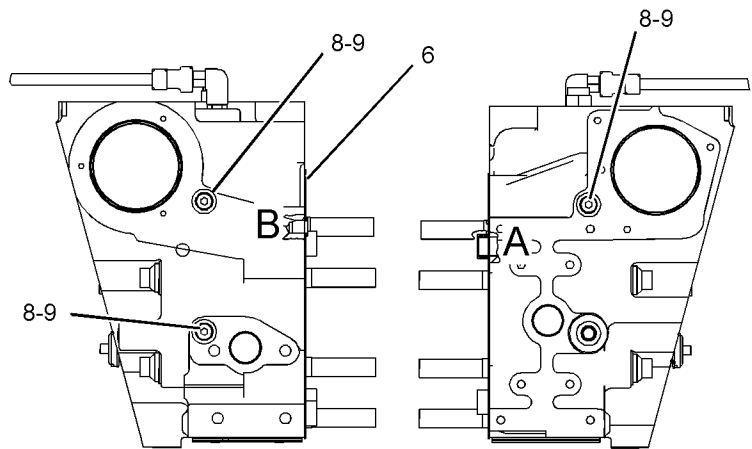
BASIC ENGINE

274 - 1953 CYLINDER HEAD GP (contd.)

i02497593

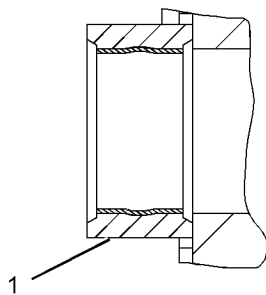


VIEW C-C

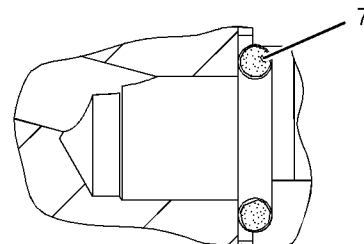


VIEW D-D

VIEW E-E



VIEW OF AREA A



VIEW OF AREA B

GRAPHIC #1

<END>

g01178061

BASIC ENGINE

4P-5893 DAMPER GP

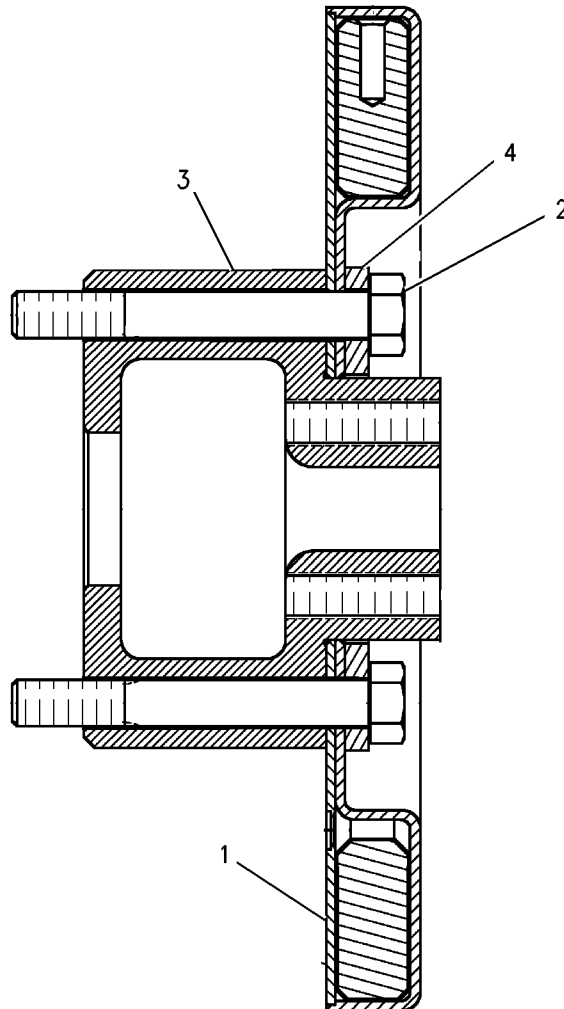
S/N: LHX1-UP

PART OF 225-8923 ENGINE AR-COMPLETE

SMCS-1205

i01203695

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	167-8126	1	DAMPER AS						
	2	1	1A-3203	6	BOLT (5/8-18X4.75IN)						
	3	1	4N-2109	1	ADAPTER-DAMPER						
	4	1	168-2100	1	SPACER						



GRAPHIC #1

<END>

g00643655

BASIC ENGINE

252 - 8060 DRAIN GP - ENGINE OIL

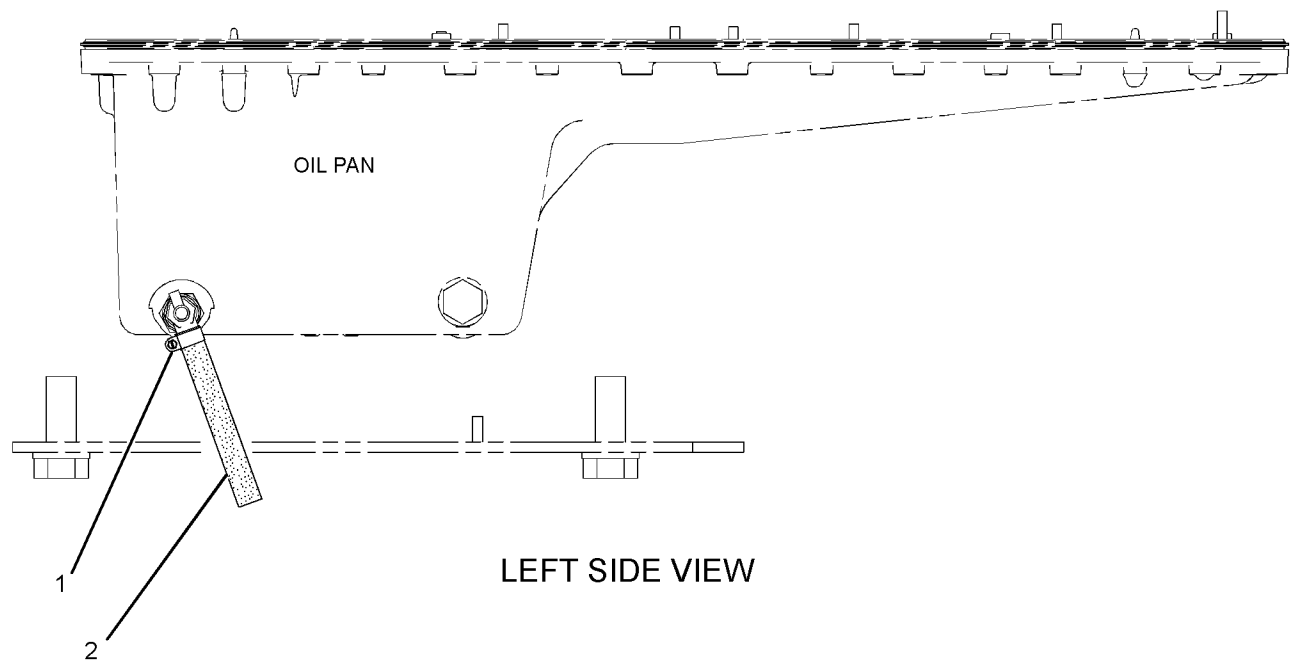
S/N: ASX1-UP

PART OF 226-9641 INSTALLATION AR-ENGINE

SMCS - 1302

i02304489

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5D - 1026	1	CLAMP - HOSE						
E	2	1	5P - 0767		HOSE (18 - CM)						
E - ORDER BY THE CENTIMETER											



GRAPHIC #1

<END>

g01160252

BASIC ENGINE

206-4227 DRIVE GP-ACCESSORY

S/N: LHX1-UP

PART OF 225-8923 ENGINE AR-COMPLETE

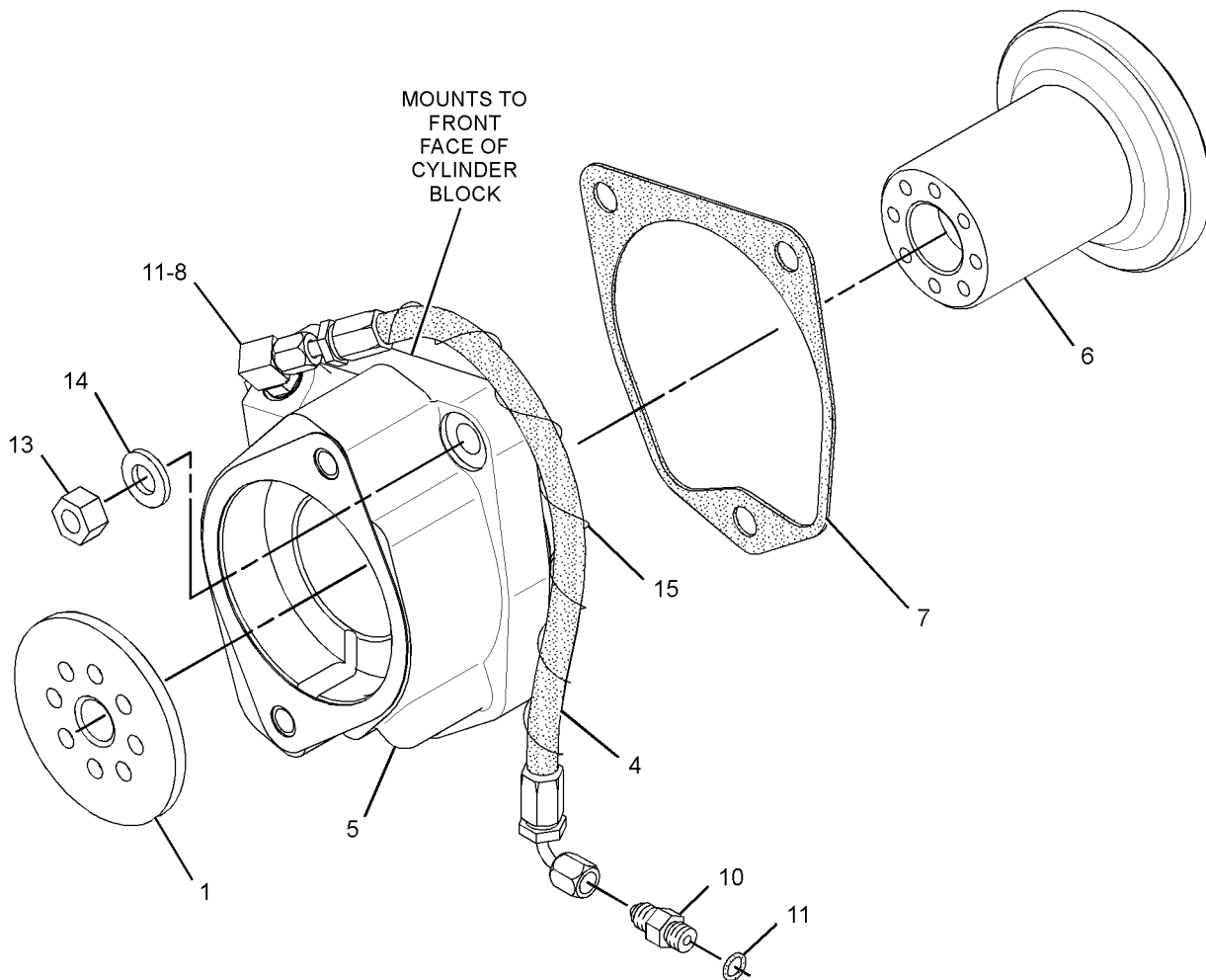
SMCS-1207

i02686877

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1N-3974	1	COUPLING						
I	4	1	101-6596	1	HOSE AS						
	5	1	143-8971	1	BEARING-DRIVE						
	6	1	143-9732	1	GEAR (40-TEETH)						
	7	1	144-6142	1	SEAL-INTEGRAL						
	8	1	030-7946	1	ELBOW						
	10	1	3J-7352	1	CONNECTOR						
	11	1	6V-5048	2	SEAL-O-RING						
	13	1	6V-8188	3	NUT (1/2-13-THD)						
	14	1	8T-4223	3	WASHER-HARD (13.5X25.5X3-MM THK)						
E	15	1	8C-5063		CONDUIT-FLEXIBLE (30-CM)						

E-ORDER BY THE CENTIMETER

I-REFER TO HYDRAULIC INFORMATION SYSTEM



GRAPHIC #1

<END>

g01350705

BASIC ENGINE

6I - 3638 DRIVE GP - PUMP-HYDRAULIC FAN

S/N: LHX1-UP

LEFT HAND REARWARD FACING SAE 2 BOLT FLANGE WITH SPLINE DRIVE

PART OF 225-8923 ENGINE AR-COMplete

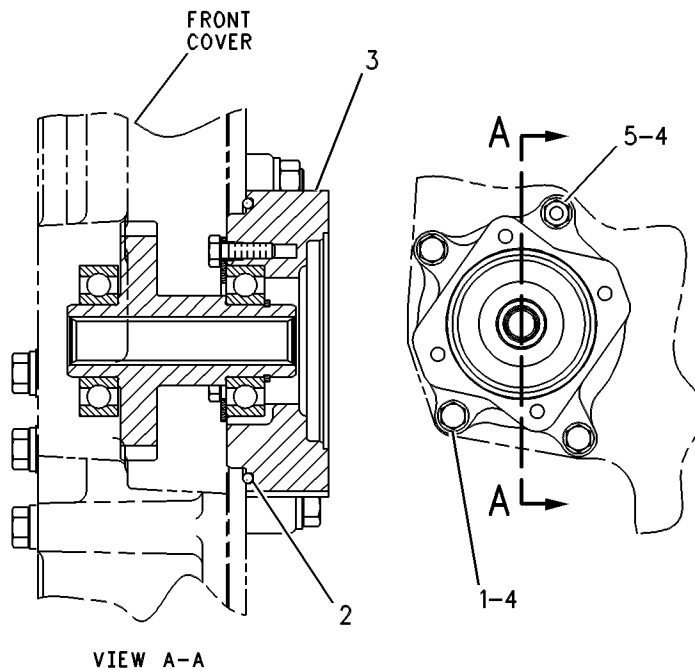
FOR USE WITH THE 2.5 BASE MODULE LARGE CAM GEAR TRAIN, CUSTOMER SUPPLIED SAE "A"
PUMP WITH 11 TOOTH 16/32 DEPTH SPLINE

SMCS-1207

i01949792

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

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00263601

BASIC ENGINE

4P-6846 FASTENER GP-FRONT HOUSING

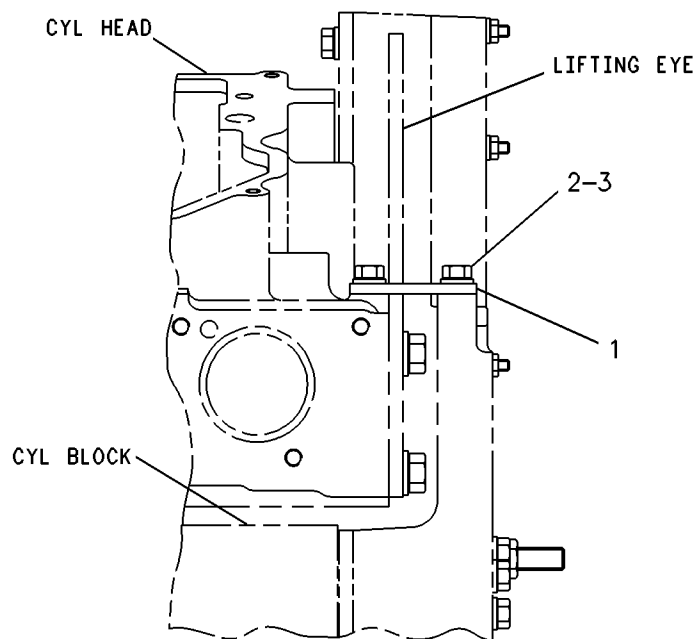
S/N: LHX1-UP

PART OF 225-8923 ENGINE AR-COMplete

SMCS-1151, 1162

i02544049

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



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g00231021

BASIC ENGINE

108-9382 FASTENER GP-FRONT HOUSING

S/N: LHX1-UP

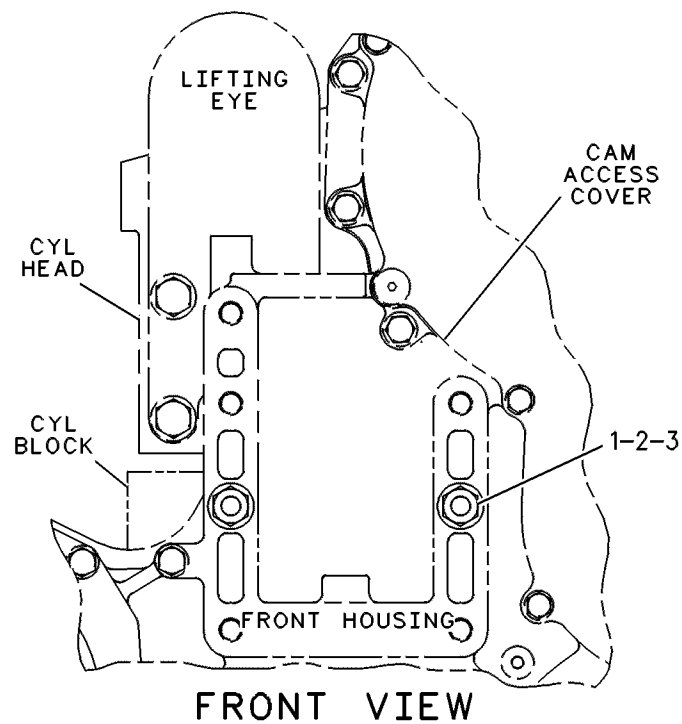
PART OF 225-8923 ENGINE AR-COMplete

FOR USE WITH FRONT HOUSING WHEN FAN DRIVE IS NOT INSTALLED

SMCS-1151, 1162

i00670762

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



GRAPHIC #1

<END>

g00237936

BASIC ENGINE

253-9383 FASTENER GP-OIL PAN

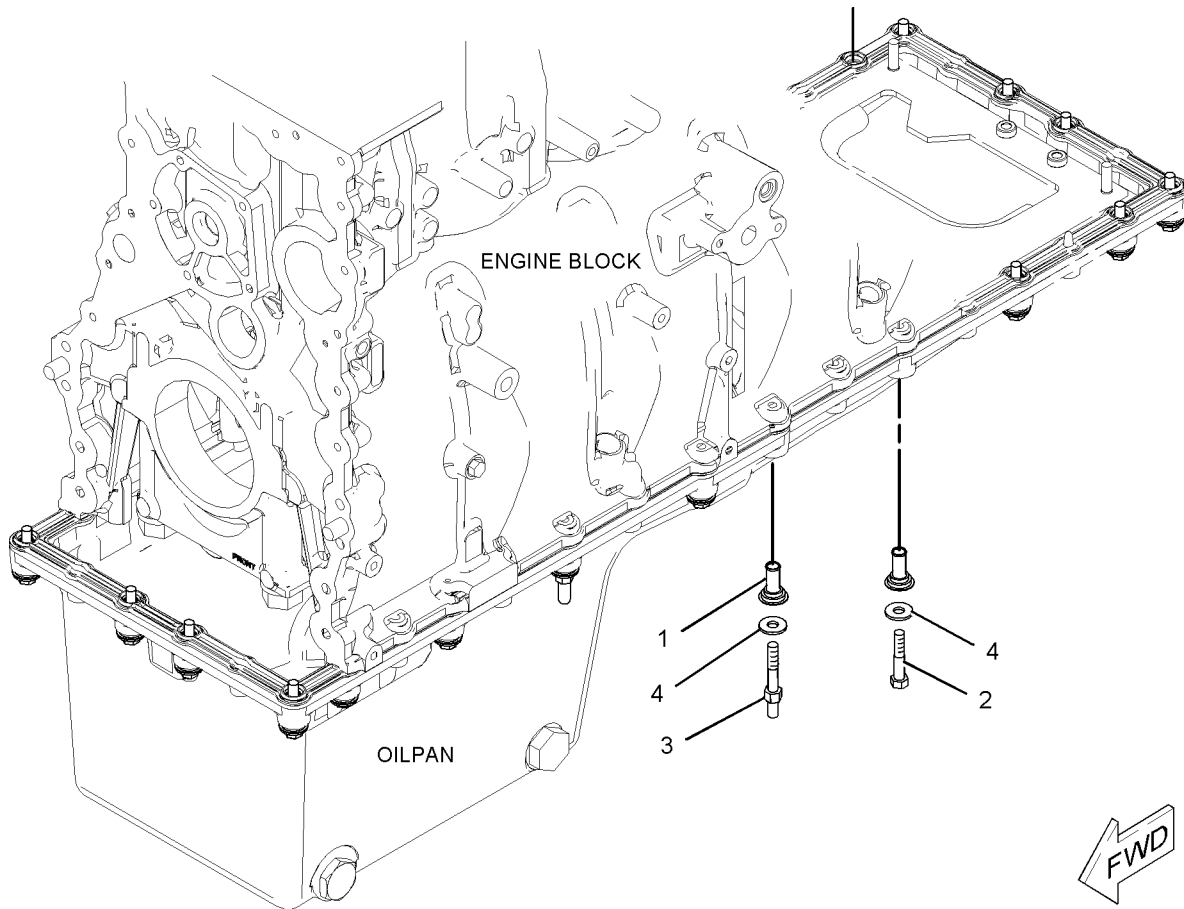
S/N: LHX1-UP

PART OF 225-8923 ENGINE AR-COMplete

SMCS-1302

i02224494

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	240-1614	24	SLEEVE AS						
	2	1	0L-2070	22	BOLT (3/8-16X2.25-IN)						
	3	1	238-4664	2	STUD (3/8-16-THD)						
	4	1	9L-9132	24	WASHER (10.2X25.5X2.5-MM THK)						



GRAPHIC #1

<END>

g01123222

BASIC ENGINE

109 - 1657 FASTENER GP - VALVE MECHANISM

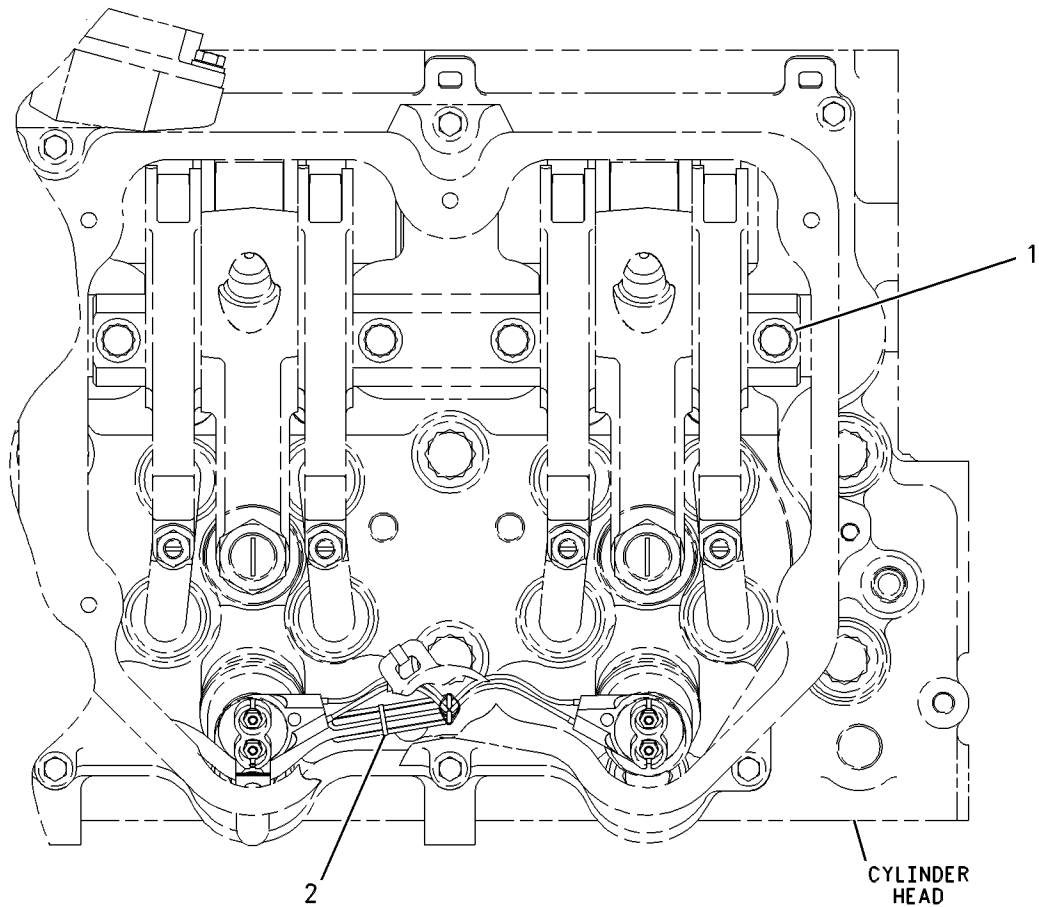
S/N: LHX1-UP

PART OF 241-5929, 279-1260 ENGINE AR-CORE

SMCS-1102

i01090405

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



TOP VIEW

GRAPHIC #1

<END>

g00571205

BASIC ENGINE

4P-6817 FLYWHEEL GP

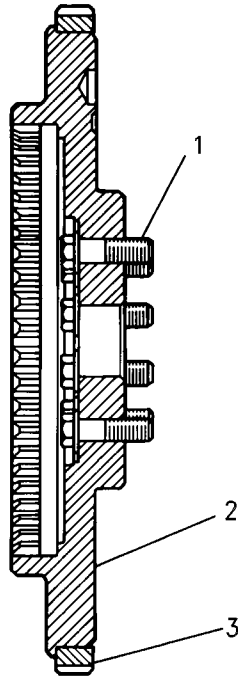
S/N: LHX1-UP

PART OF 225-8923 ENGINE AR-COMplete

SMCS-1156

i01124563

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



GRAPHIC #1

<END>

g00594779

BASIC ENGINE

204-9316 GEAR GP - CAMSHAFT

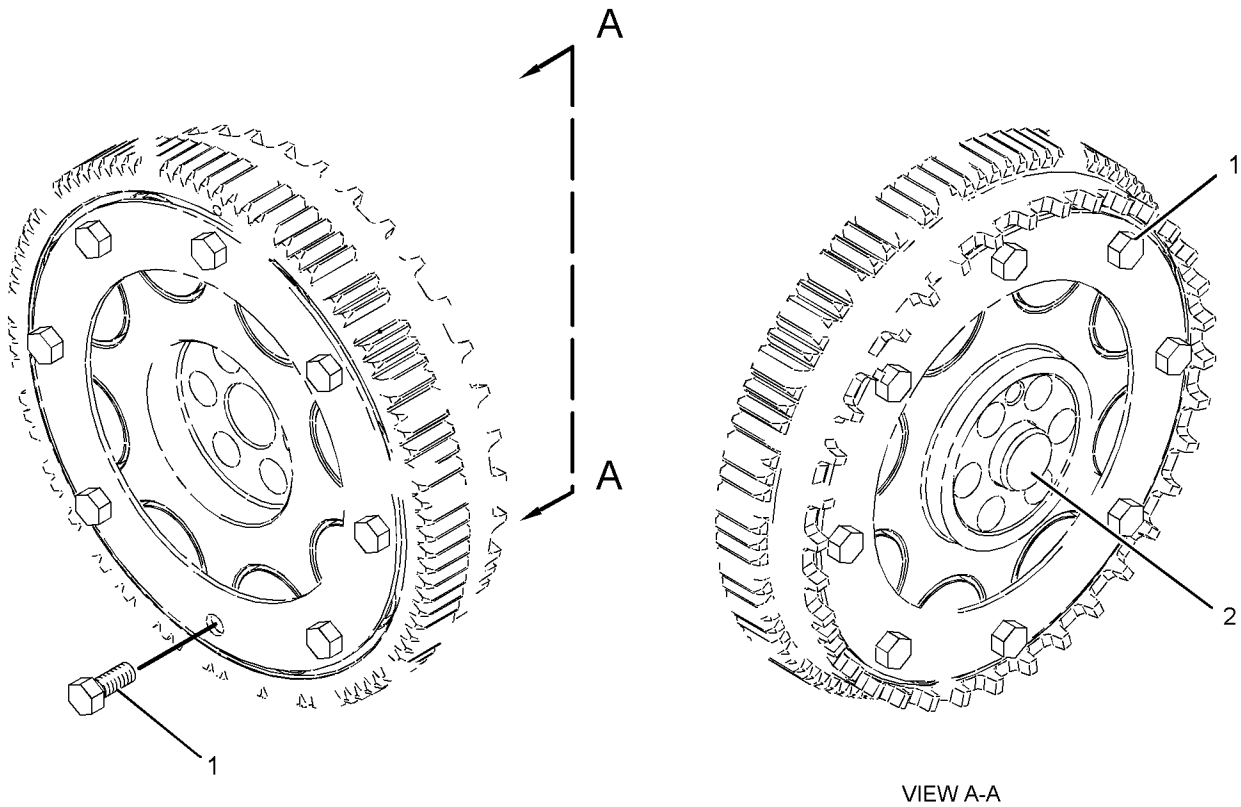
S/N: LHX1-UP

PART OF 208-9490 GEAR GP - FRONT

SMCS-1212

i02758303

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



GRAPHIC #1

<END>

g01381153

BASIC ENGINE

208-9490 GEAR GP - FRONT

S/N: LHX1-UP

PART OF 241-5929, 279-1260 ENGINE AR-CORE

SMCS-1151, 1162, 1206

i02758309

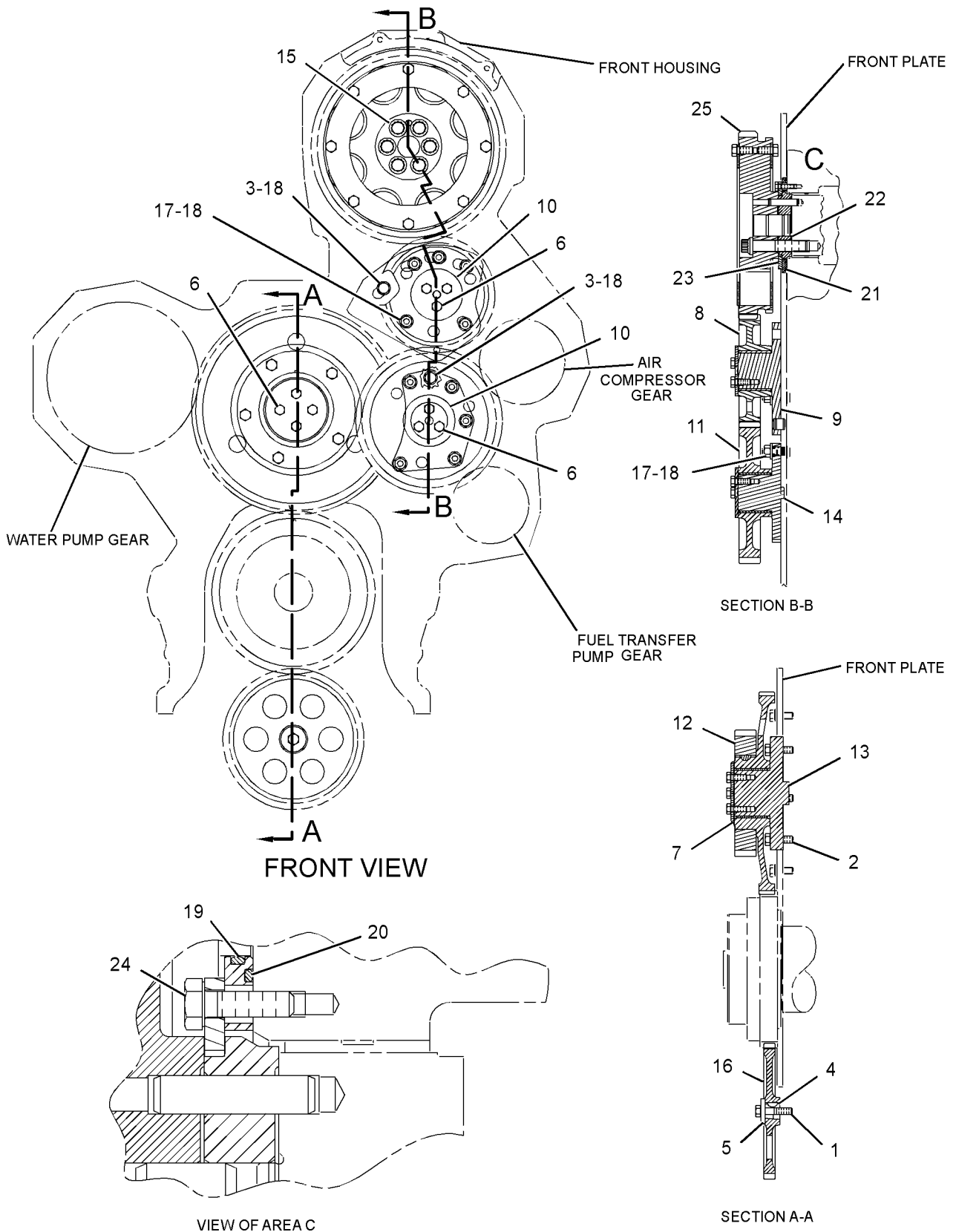
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	0S-1571	1	BOLT (3/8-16X1.75-IN)	
	2	1	2J-3118	5	BOLT-LOCKING (3/8-16X1.25-IN)	
	3	1	5P-4142	2	BOLT-LOCKING (3/8-16X1.5-IN)	
	4	1	1B-8705	1	KEY-WOODRUFF	
	5	1	1P-7346	1	WASHER-HARD (10.2X35X6-MM THK)	
	6	1	126-1756	10	BOLT-LOCKING (5/16-18X0.875-IN)	
	7	1	112-9217	1	PLATE-THRUST	
	8	1	130-4701	1	GEAR AS (56-TEETH)	
		1	130-4698	1	BEARING-SLEEVE	
	9	1	151-5966	1	SHAFT AS-STUB	
		1	6I-3623	1	DOWEL	
	10	1	6I-3624	2	PLATE-THRUST	
	11	1	6I-3625	1	GEAR AS (71-TEETH)	
		1	101-8468	1	BEARING-SLEEVE	
	12	1	149-9107	1	GEAR AS-CLUSTER (105/63-TEETH)	
		1	1B-8705	1	KEY-WOODRUFF	
		1	6I-4582	1	GEAR (63-TEETH)	
		1	131-7123	1	BEARING-SLEEVE	
		1	149-9106	1	GEAR-CLUSTER (105-TEETH)	
	13	1	197-4971	1	SHAFT-STUB	
	14	1	158-3416	1	SHAFT-STUB	
	15	1	031-3185	6	BOLT-12 POINT HEAD (5/8-11X3-IN)	
	16	1	149-9110	1	GEAR-OIL PUMP DRIVE (69-TEETH)	
	17	1	9S-8752	10	NUT-FULL (3/8-16-THD)	
	18	1	9X-6458	12	WASHER-HARD (10.2X22.5X3-MM THK)	
	19	1	117-8801	1	SEAL-O-RING	
	20	1	5E-8771	1	SEAL-O-RING	
	21	1	159-1533	1	PLATE-SEALING	
	22	1	159-8524	1	ADAPTER AS	
		1	6V-3677	1	DOWEL	
	23	1	102-5861	1	PLATE-THRUST	
	24	1	107-0583	3	BOLT-LOCKING (1/4-20X0.87-IN)	
Y	25	1	204-9316	1	GEAR GP-CAMSHAFT (96-TEETH)	49

Y-SEPARATE ILLUSTRATION

BASIC ENGINE

208-9490 GEAR GP - FRONT (contd.)

i02758309



GRAPHIC #1

<END>

g01381160

BASIC ENGINE

160-2612 HOUSING GP - FLYWHEEL

S/N: LHX1-UP

PART OF 225-8923 ENGINE AR-COMPLETE

SMCS-1157

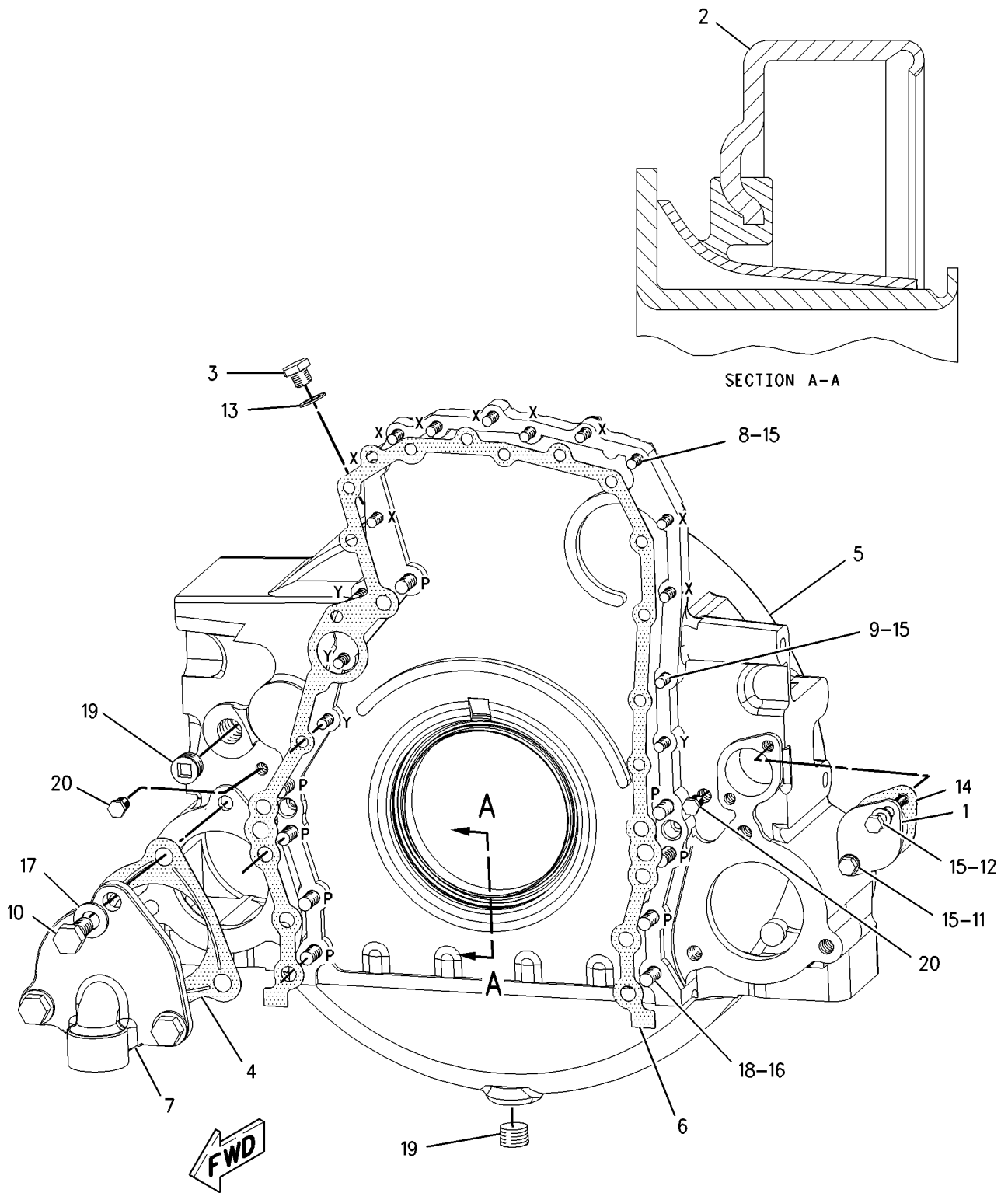
i02613757

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2P-2772	1	COVER						
	2	1	142-5868	1	SEAL GP-CRANKSHAFT (REAR FLYWHEEL HOUSING)						
	3	1	5F-0304	1	PLUG (FLYWHEEL HOUSING)						
	4	1	9Y-6089	1	GASKET						
	5	1	108-4758	1	HOUSING AS						
		1	3B-1925	1	WASHER (0.766X1X0.064-IN THK)						
		1	9L-9653	1	PLUG						
		1	1W-3136	1	BAFFLE						
	6	1	155-5619	1	GASKET						
	7	1	160-2563	1	ADAPTER						
	8	1	165-3929	10	BOLT (3/8-16X1.5-IN) (3/8-16)						
					(LOCATIONS MARKED X)						
	9	1	165-3933	5	BOLT (3/8-16)						
					(LOCATIONS MARKED Y)						
	10	1	0S-1566	3	BOLT (5/8-11X1.5-IN)						
	11	1	0S-1594	1	BOLT (3/8-16X1-IN)						
	12	1	0S-1619	1	BOLT (3/8-16X3-IN)						
	13	1	2A-1162	1	GASKET						
	14	1	4N-0933	1	GASKET						
	15	1	5M-2894	17	WASHER-HARD (10.2X18.5X2.5-MM THK)						
					(LOCATIONS MARKED X,Y)						
	16	1	5P-8245	9	WASHER-HARD (13.5X25.5X3-MM THK)						
					(LOCATIONS MARKED P)						
	17	1	5P-8247	3	WASHER-HARD (17X32X3.5-MM THK)						
	18	1	7K-6058	9	BOLT-12 POINT HEAD (1/2-13X2.5-IN)						
					(LOCATIONS MARKED P)						
	19	1	7X-7731	2	PLUG-PIPE						
	20	1	8T-6765	2	PLUG-PIPE						

BASIC ENGINE

160-2612 HOUSING GP-FLYWHEEL (contd.)

i02613757



GRAPHIC #1

<END>

g00976214

BASIC ENGINE

243-5786 HOUSING GP-FRONT

S/N: LHX1-UP

PART OF 225-8923 ENGINE AR-COMPLETE

SMCS-1151, 1162, 1206

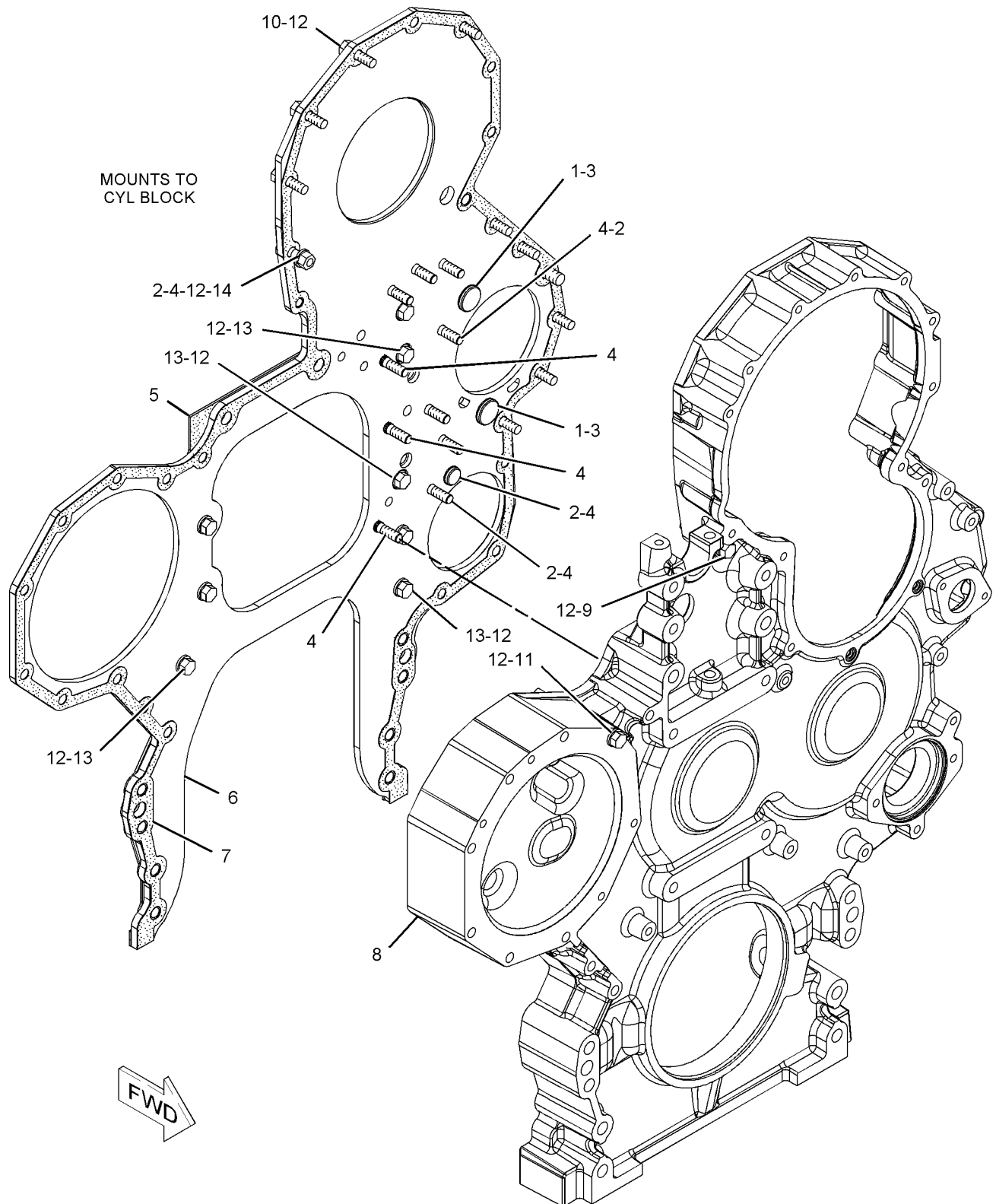
i02741066

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	120-9243	2	STUD (BRAKE)						
	2	1	126-1757	9	WASHER (10.85X19.3X1.27-MM THK)						
	3	1	129-5427	2	WASHER (14X27X1.27-MM THK)						
	4	1	129-5428	12	STUD (BRAKE)						
	5	1	155-9524	1	SEAL-INTEGRAL						
	6	1	158-8881	1	PLATE						
	7	1	166-9144	1	GASKET						
	8	1	241-0478	1	HOUSING GP-FRONT						
		1	3E-8044	1	STUD (1/2-13X2.95-IN)						
		1	187-5420	1	HOUSING-FRONT						
	9	1	0L-2070	1	BOLT (3/8-16X2.25-IN)						
	10	1	0S-1588	9	BOLT (3/8-16X1.25-IN)						
	11	1	0T-0055	1	BOLT (3/8-16X4.25-IN)						
	12	1	5M-2894	20	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	13	1	5P-4255	8	BOLT-LOCKING (3/8-16X1-IN)						
	14	1	9S-8752	1	NUT-FULL (3/8-16-THD)						

BASIC ENGINE

243-5786 HOUSING GP - FRONT (contd.)

i02741066



GRAPHIC #1

<END>

g01099059

BASIC ENGINE

111-2088 LIFTING GP-ENGINE

S/N: LHX1-UP

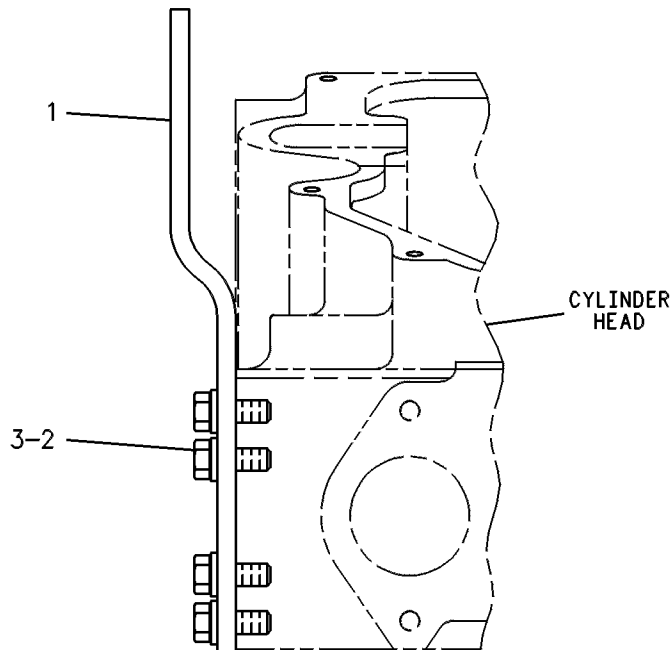
REAR, LOW PROFILE LIFTING EYE

PART OF 225-8923 ENGINE AR-COMplete

SMCS-1122

i02332229

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



GRAPHIC #1

<END>

g00238183

BASIC ENGINE

111-2355 LIFTING GP-ENGINE

S/N: LHX1-UP

FRONT- OFFSET LIFTING EYE

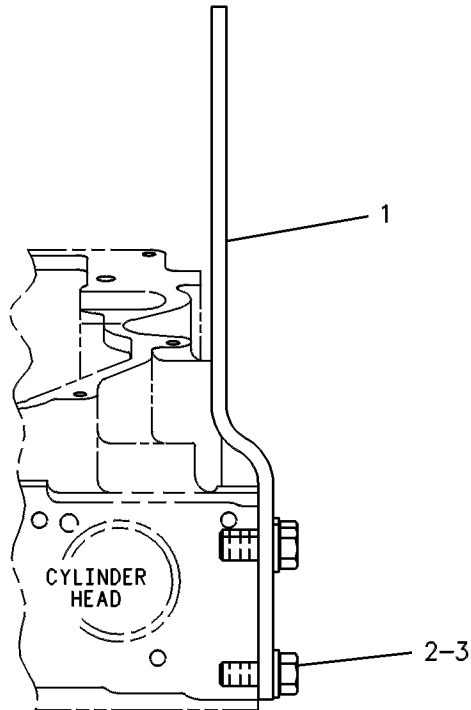
PART OF 225-8923 ENGINE AR-COMplete

CANNOT BE USED WITH ALTERNATOR MOUNTING

SMCS-1122

i00833389

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



GRAPHIC #1

<END>

g00238181

BASIC ENGINE

148-7482 MECHANISM GP-FUEL PUMP & VALVE

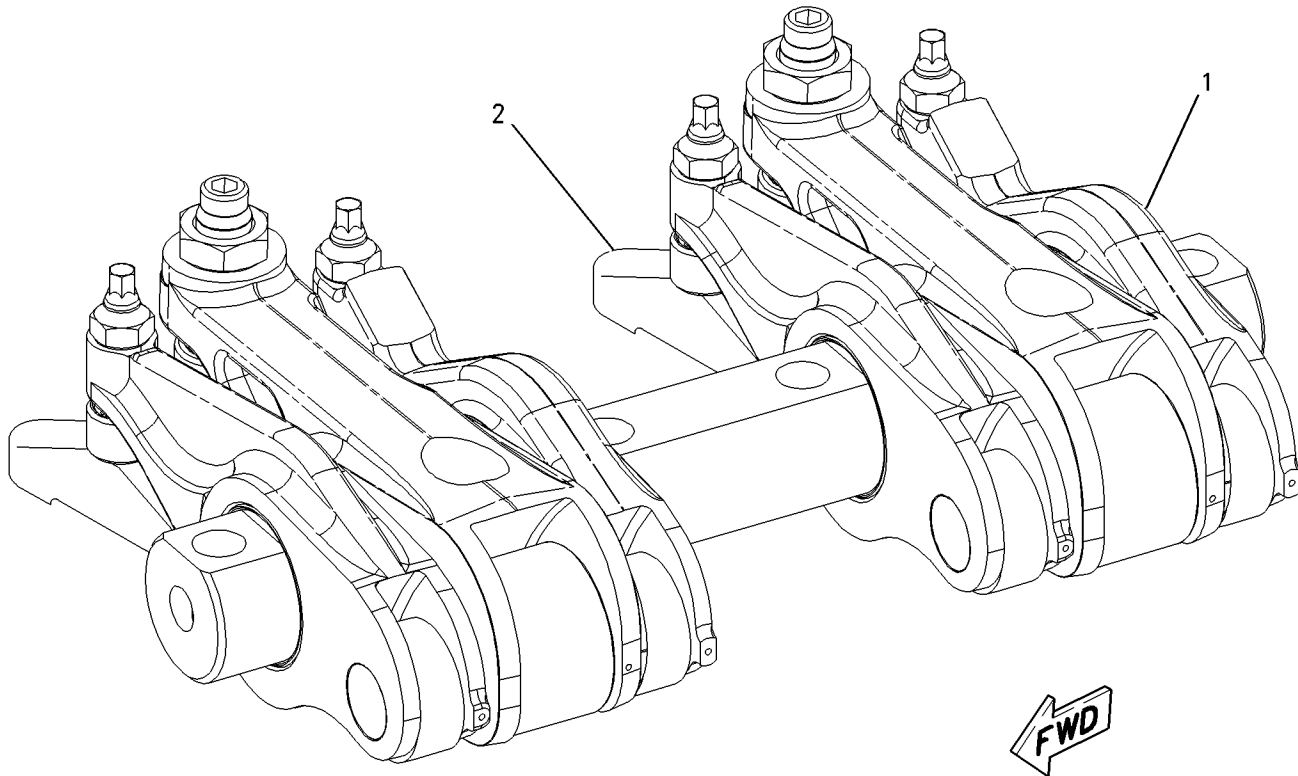
S/N: LHX1-3598

PART OF 241-5929 ENGINE AR-CORE

SMCS-1102, 1123

i01768605

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
CY	1	1	198-9898	3	ROCKER ARM GP						79
	2	1	6I-1458	12	BRIDGE- VALVE						
C-CHANGE FROM PREVIOUS TYPE											
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g00905240

BASIC ENGINE

190-0009 MECHANISM GP-FUEL PUMP & VALVE

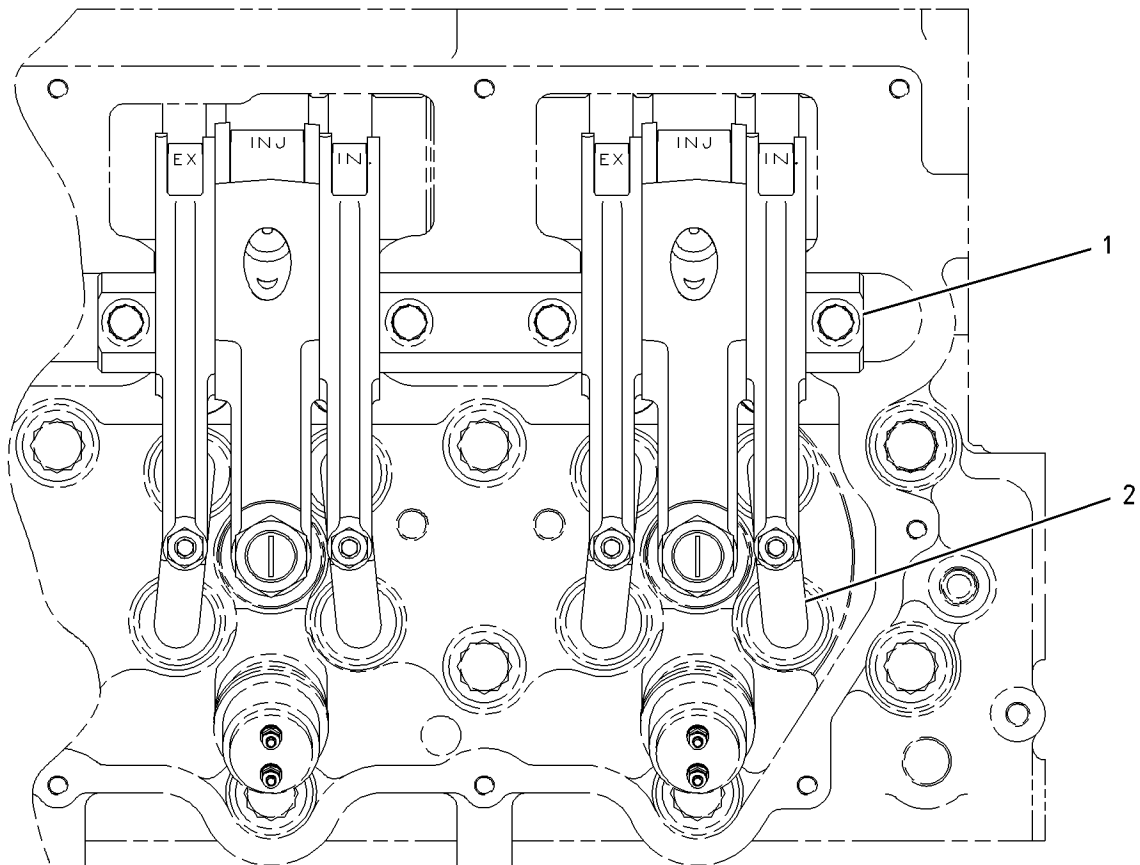
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PART OF 241-5929 ENGINE AR-CORE

SMCS-1102, 1123

i02518515

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
CY	1	1	278-1929	3	ROCKER ARM GP						81
	2	1	6I-1458	12	BRIDGE-VALVE						
C-CHANGE FROM PREVIOUS TYPE Y-SEPARATE ILLUSTRATION											



TOP VIEW

GRAPHIC #1

<END>

g00814910

BASIC ENGINE

280-2167 MECHANISM GP-FUEL PUMP & VALVE

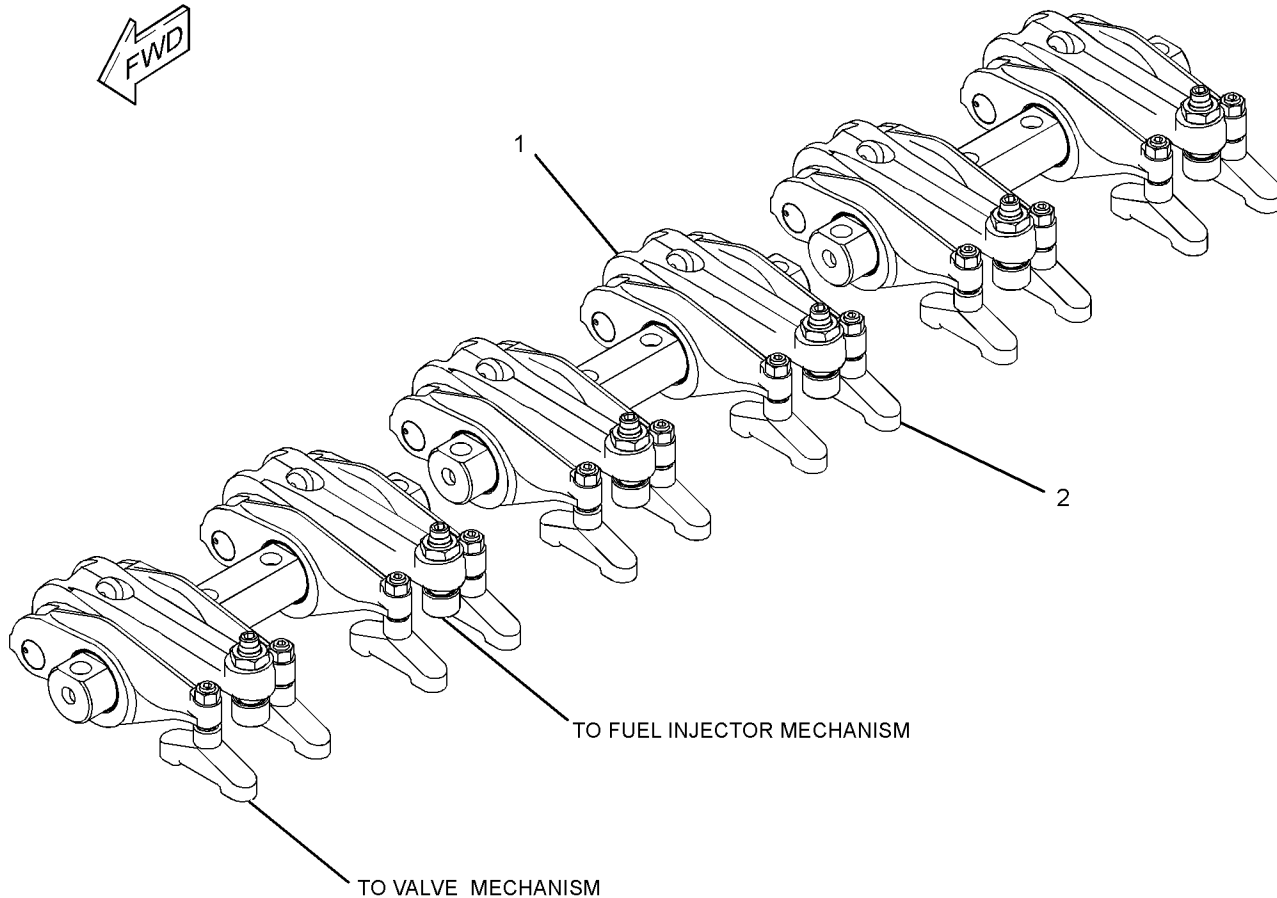
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PART OF 279-1260 ENGINE AR-CORE

SMCS-1102, 1123

i02430976

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	278 - 1929	3	ROCKER ARM GP						81
	2	1	6I - 1458	12	BRIDGE - VALVE						
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g01222680

BASIC ENGINE

188 - 1754 MOUNTING GP-ALTERNATOR & COMPR

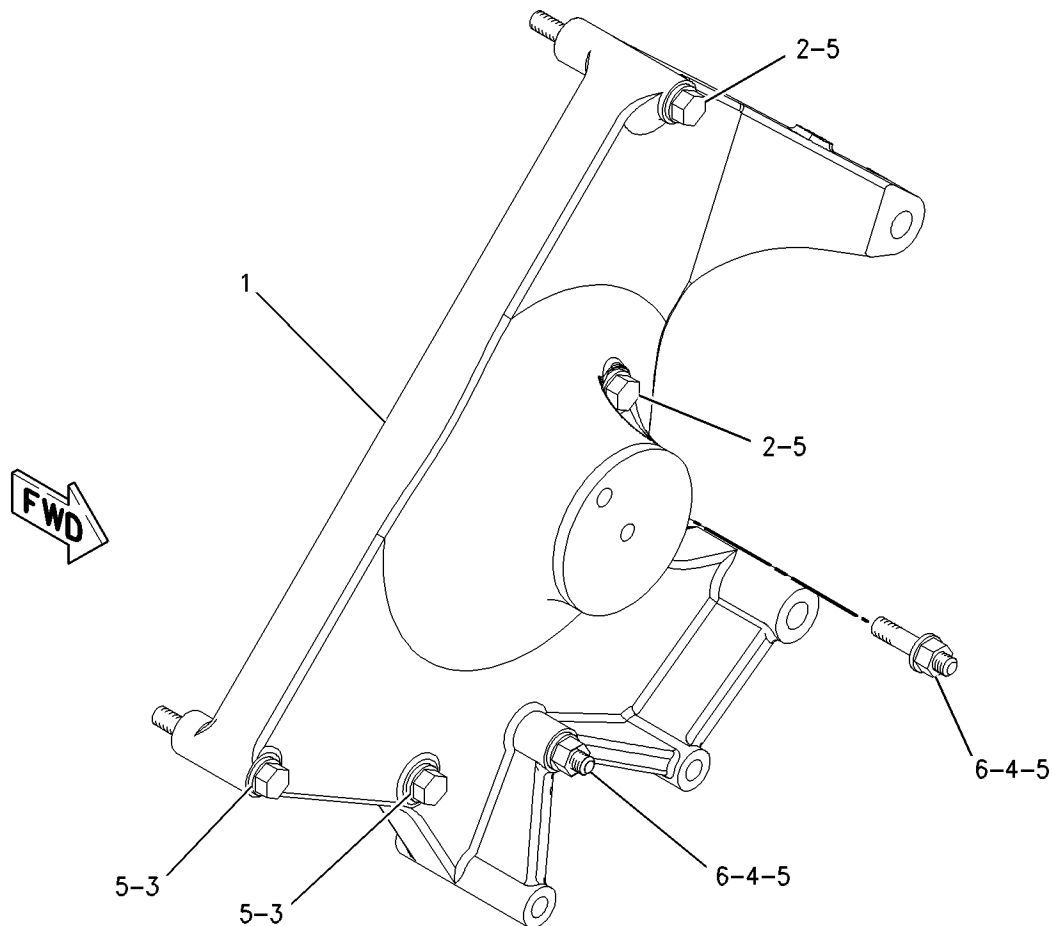
S/N: LHX1-UP

PART OF 225-8923 ENGINE AR-COMPLETE

SMCS-1405, 1802

i01444958

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



GRAPHIC #1

<END>

g00759989

BASIC ENGINE

239-5527 PAN GP-OIL

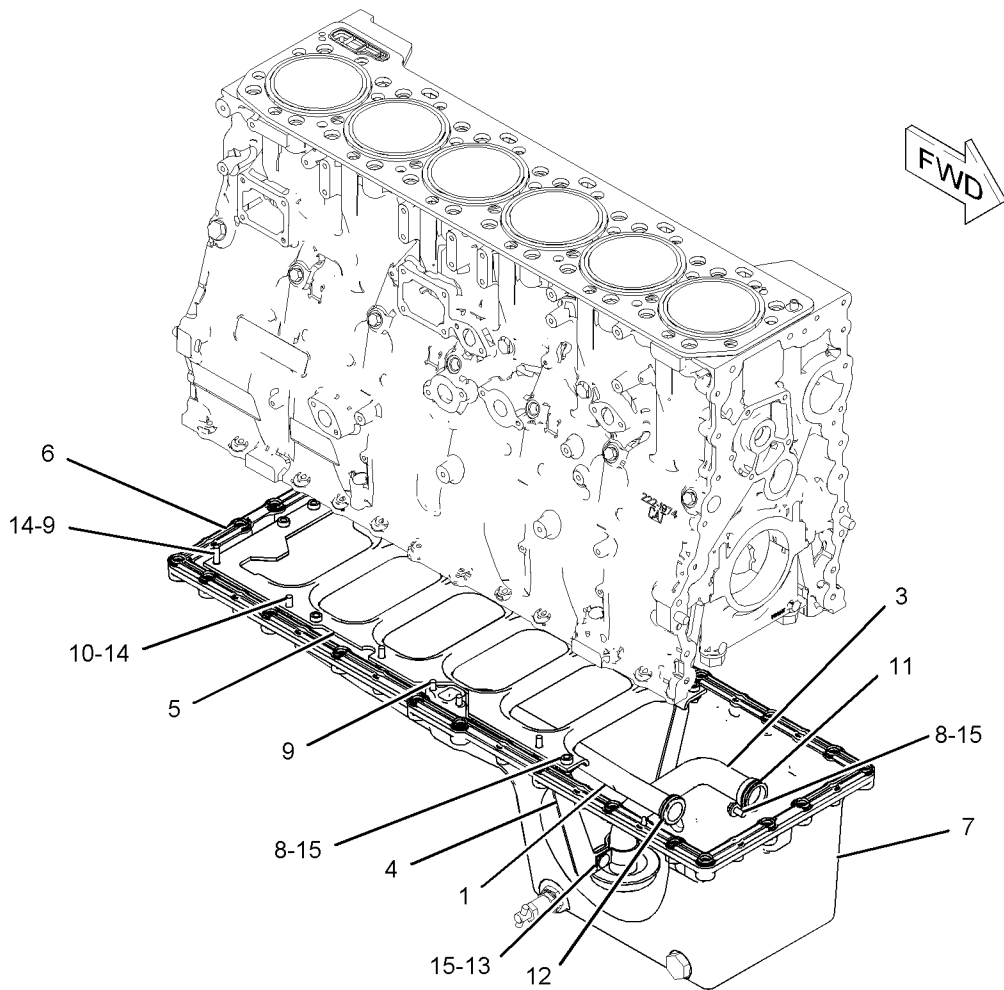
S/N: LHX1-UP

PART OF 225-8923 ENGINE AR-COMPLETE

SMCS-1302

i02082689

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4P-7373	1	TUBE AS						
	3	1	115-2359	1	TUBE AS						
	4	1	115-2365	1	BRACKET-TUBE						
	5	1	118-2019	1	UNDERFRAME AS						
	6	1	168-5248	1	SEAL-ISOLATION						
	7	1	227-3004	1	PAN-OIL						
	8	1	0L-1351	3	BOLT (3/8-16X0.875-IN)						
	9	1	0S-1591	4	BOLT (3/8-16X1.5-IN)						
	10	1	0S-1594	5	BOLT (3/8-16X1-IN)						
	11	1	109-0072	1	SEAL-O-RING						
	12	1	109-0078	1	SEAL-O-RING						
	13	1	2K-4973	2	LOCKNUT (3/8-16-THD)						
	14	1	5M-2894	7	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	15	1	9X-6458	5	WASHER-HARD (10.2X22.5X3-MM THK)						



GRAPHIC #1

<END>

g01068193

BASIC ENGINE

174-3874 PANEL GP-SOUND SUPPRESSION

S/N: LHX1-UP

LEFT HAND MOUNTED SOUND PANEL

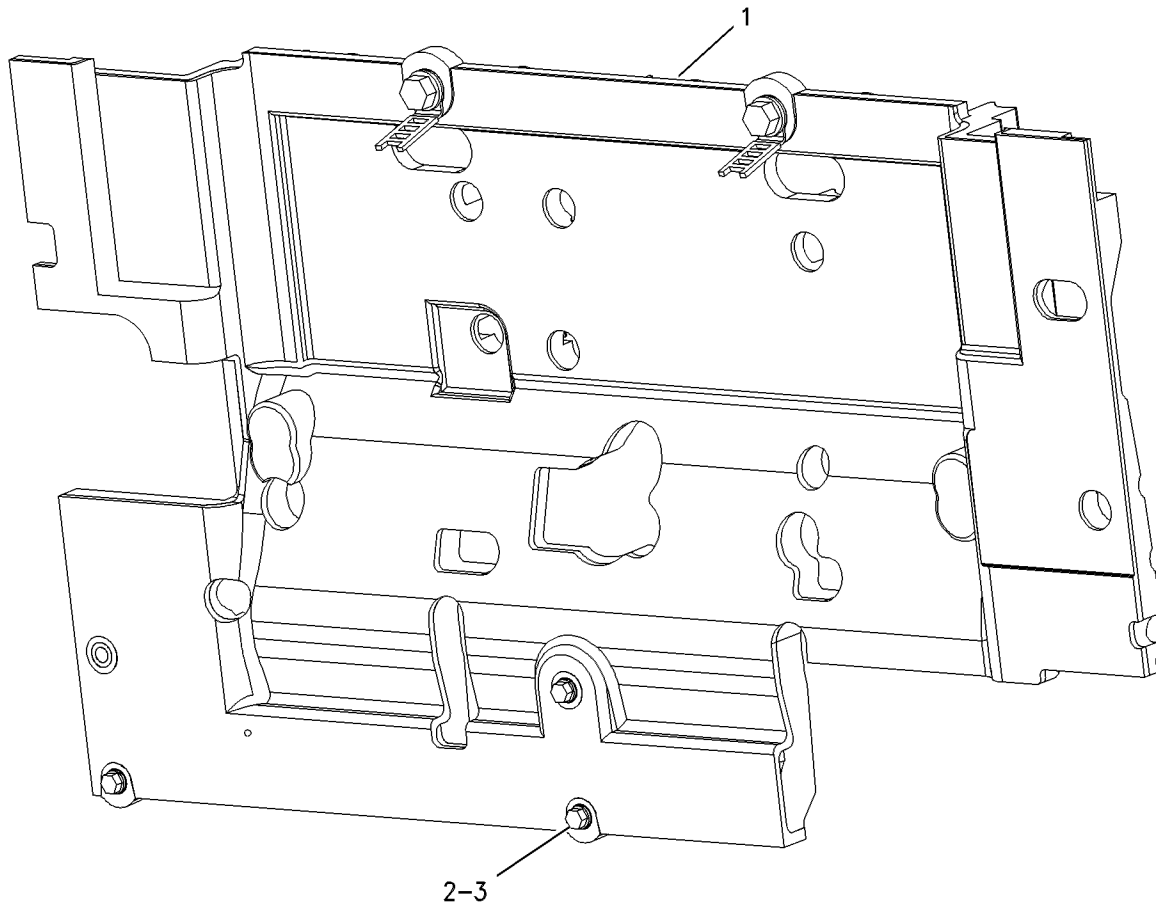
PART OF 225-8923 ENGINE AR-COMplete

FOR USE WITH BRAKESAVER OR NON-BRAKESAVER ENGINES, ALL APPLICATIONS

SMCS-1801

i02716705

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



GRAPHIC #1

<END>

g00618571

BASIC ENGINE

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

S/N: LHX1-UP

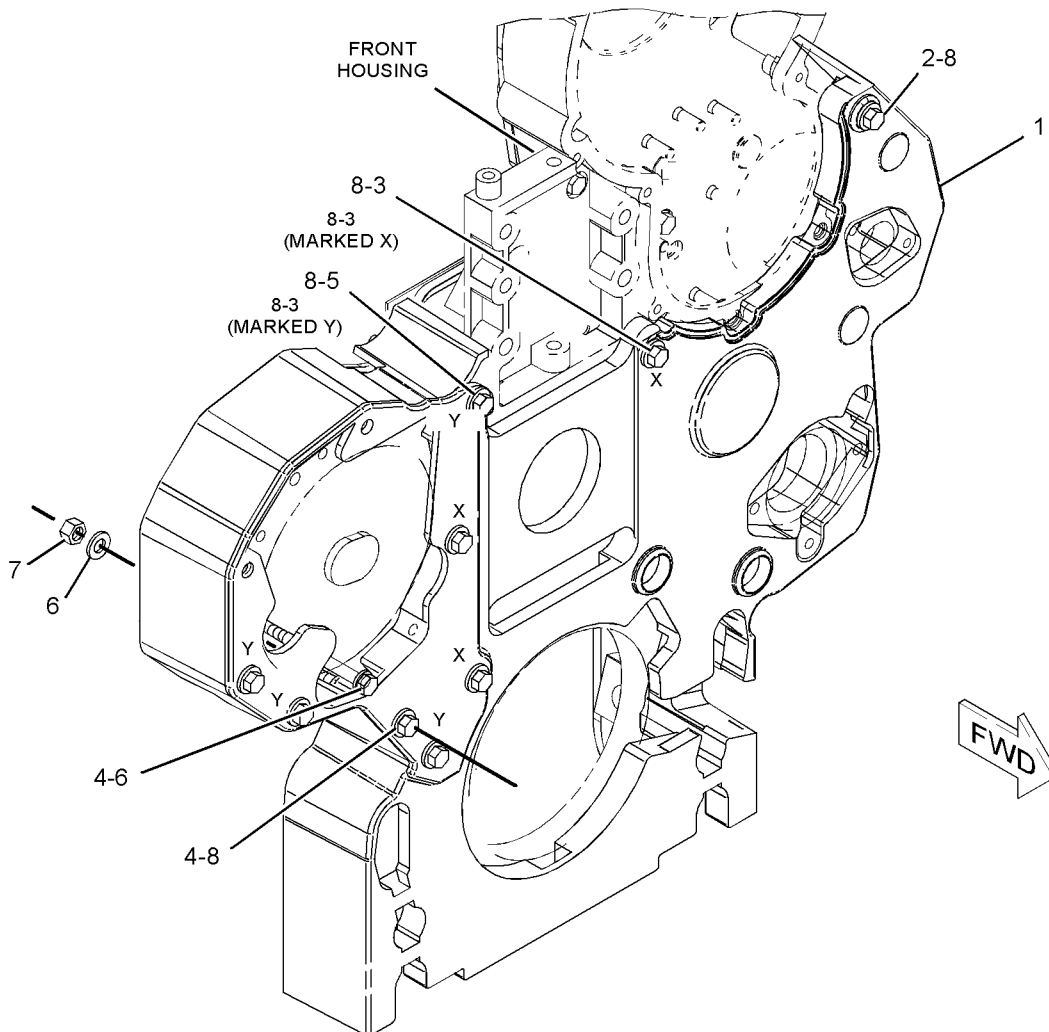
PART OF 225-8923 ENGINE AR-COMplete

CANNOT BE USED WITH ALTERNATOR MOUNTING GROUPS AND ACCESSORY DRIVE GROUPS

SMCS-1801

i02161892

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	178-7597	1	COVER AS						
	2	1	0S-1588	1	BOLT (3/8-16X1.25-IN)						
	3	1	0S-1594	3	BOLT (3/8-16X1-IN)						
	4	1	0T-0055	2	BOLT (3/8-16X4.25-IN)						
	5	1	1A-5964	4	BOLT (3/8-16X4.5-IN)						
	6	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	7	1	9S-8752	1	NUT-FULL (3/8-16-THD)						
	8	1	9X-6458	9	WASHER-HARD (10.2X22.5X3-MM THK)						



GRAPHIC #1

<END>

g01096506

BASIC ENGINE

229-2863 PISTON & ROD GP

S/N: LHX1-159

18:1 COMPRESSION RATIO

PART OF 241-5929 ENGINE AR-CORE

SMCS-1225

i02207426

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	151-5925	1	BOLT (7/16-14-2A-THD) (OIL JET)						
	2	1	176-5749	1	RING-PISTON (INTERMEDIATE)						
	3	1	180-7350	1	PIN-PISTON						
	4	1	197-9361	1	TUBE AS-OIL JET (OIL)						
R	5	1	224-3245	1	ROD AS						
	5A	1	7N-2043	2	DOWEL						
	5B	1	213-3217	4	BOLT (MJ11X1.25X84-MM)						
	5C	1	229-6259	1	BEARING						
	6	1	224-3246	1	BEARING-CONNECTING ROD (STANDARD)						
AB		1	232-3235		BEARING-CONNECTING ROD (0.64-MM US)						
AB		1	232-3236		BEARING-CONNECTING ROD (1.27-MM US)						
	7	1	229-2861	1	BODY AS						
	8	1	230-2569	2	RETAINER-PIN						
	9	1	237-0194	1	RING-PISTON-TOP						
	10	1	238-0294	1	RING-PISTON-OIL						

A- NOT PART OF THIS GROUP

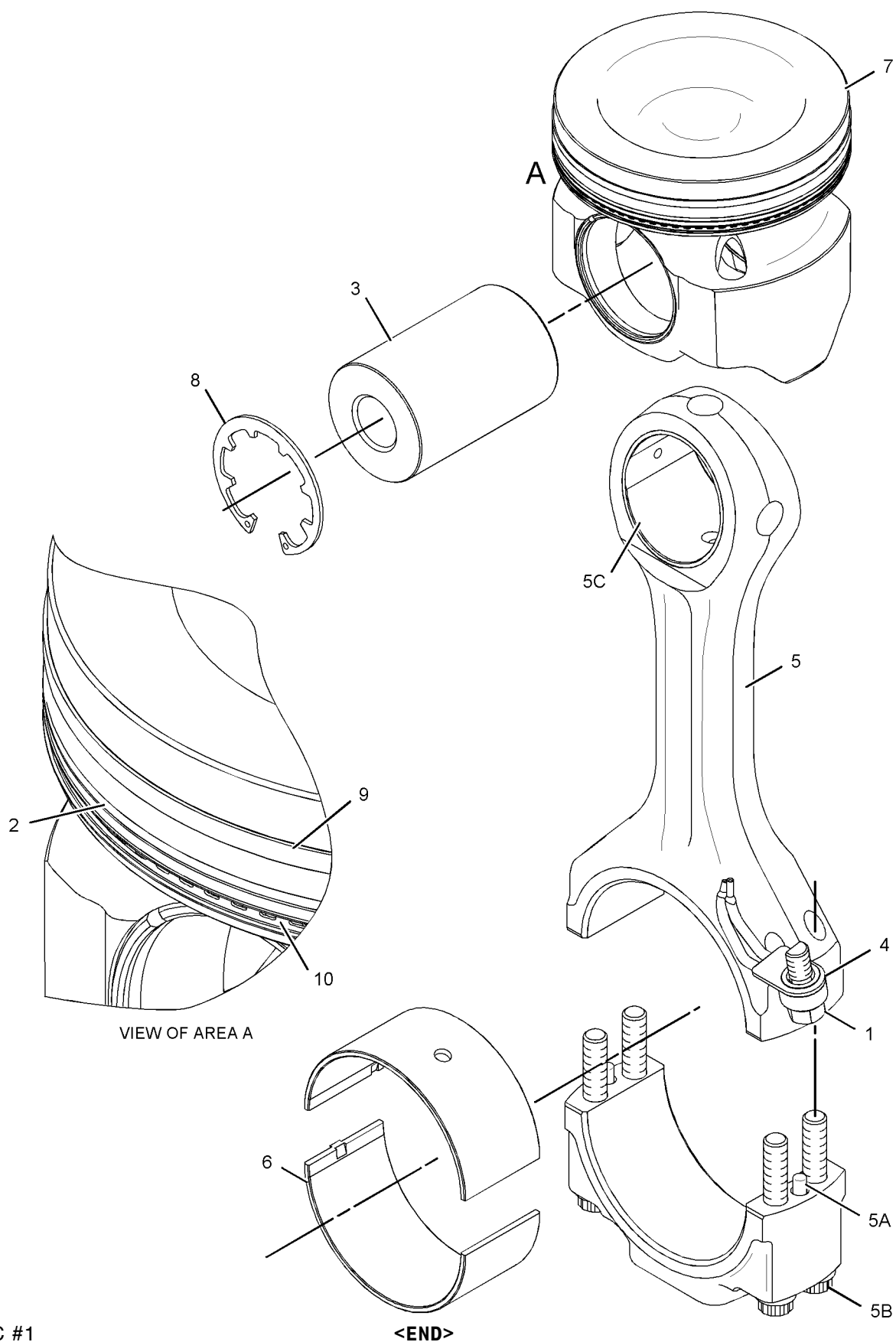
B- USE AS REQUIRED

R- REMFG PART MAY BE AVAILABLE

BASIC ENGINE

229 - 2863 PISTON & ROD GP (contd.)

i02207426



GRAPHIC #1

<END>

g01024548

BASIC ENGINE

229-2863 PISTON & ROD GP

S/N: LHX160-4880

18:1 COMPRESSION RATIO

PART OF 241-5929, 279-1260 ENGINE AR-CORE

SMCS-1225

i02656517

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	151-5925	1	BOLT (7/16-14-2A-THD)						
C	2	1	164-4187	1	RING-PISTON (INTERMEDIATE)						
	3	1	180-7350	1	PIN-PISTON						
	4	1	197-9361	1	TUBE AS-OIL JET						
R	5	1	224-3245	1	ROD AS						
	5A	1	219-4458	2	PIN-DOWEL						
	5B	1	213-3217	4	BOLT (M11X1.25X84-MM)						
	5C	1	229-6259	1	BEARING						
	6	1	224-3246	1	BEARING-CONNECTING ROD (STANDARD)						
AB		1	232-3235		BEARING-CONNECTING ROD (0.64-MM US)						
AB		1	232-3236		BEARING-CONNECTING ROD (1.27-MM US)						
C	7	1	247-6123	1	BODY AS-PISTON						
	8	1	230-2569	2	RETAINER-PIN						
C	9	1	247-6130	1	RING-PISTON-TOP						
	10	1	238-0294	1	RING-PISTON-OIL						

A - NOT PART OF THIS GROUP

B - USE AS REQUIRED

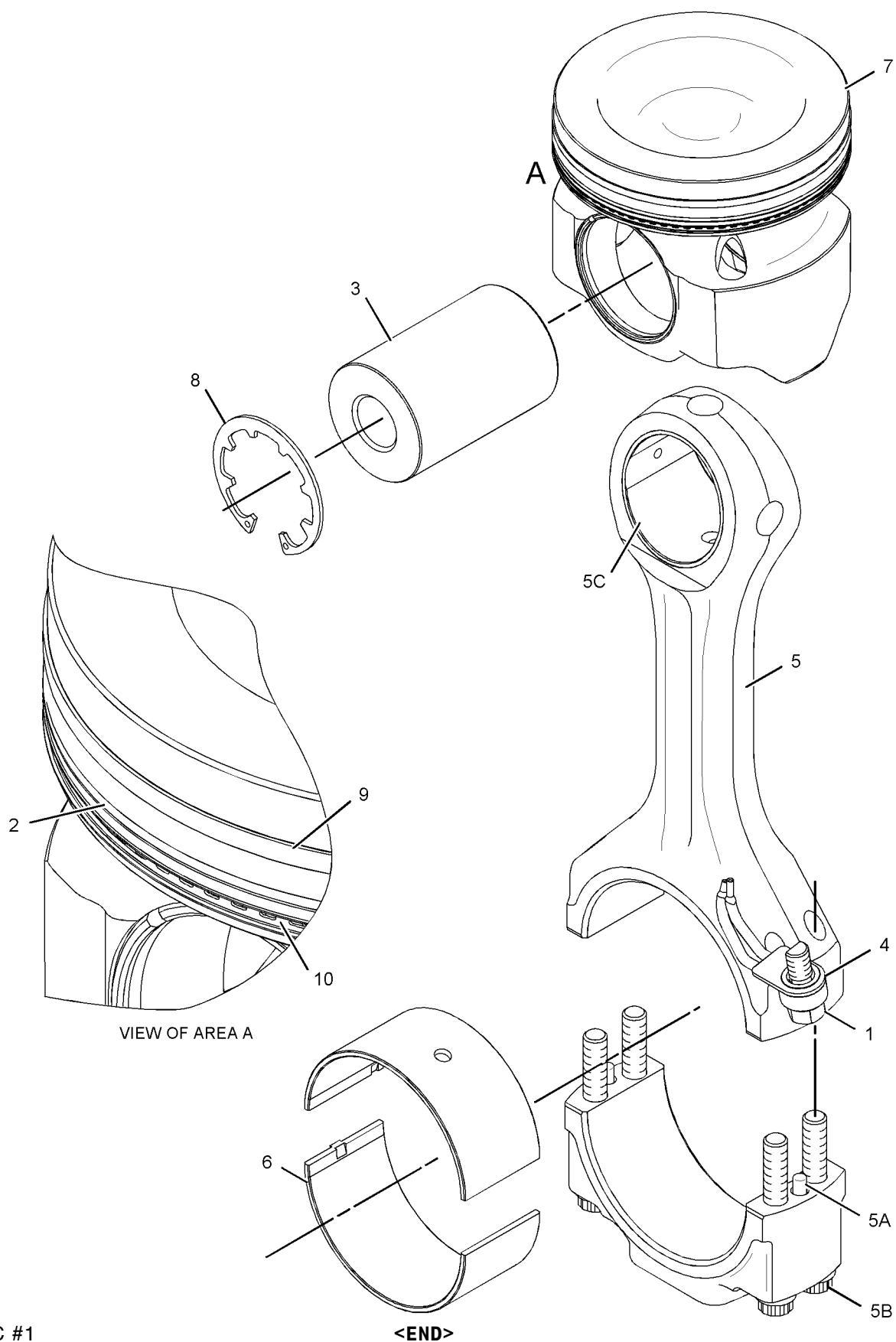
C - CHANGE FROM PREVIOUS TYPE

R - REMFG PART MAY BE AVAILABLE

BASIC ENGINE

229 - 2863 PISTON & ROD GP (contd.)

i02656517



GRAPHIC #1

<END>

g01024548

BASIC ENGINE

229-2863 PISTON & ROD GP

S/N: LHX3599-7173

18:1 COMPRESSION RATIO

PART OF 241-5929 ENGINE AR-CORE

SMCS-1225

i02656626

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	151-5925	1	BOLT (7/16-14-2A-THD)						
C	2	1	164-4187	1	RING-PISTON (INTERMEDIATE)						
	3	1	180-7350	1	PIN-PISTON						
	4	1	276-4637	1	TUBE AS-OIL JET						
R	5	1	224-3245	1	ROD AS						
	5A	1	219-4458	2	PIN-DOWEL						
	5B	1	213-3217	4	BOLT (M11X1.25X84-MM)						
	5C	1	229-6259	1	BEARING						
	6	1	224-3246	1	BEARING-CONNECTING ROD (STANDARD)						
AB		1	232-3235		BEARING-CONNECTING ROD (0.64-MM US)						
AB		1	232-3236		BEARING-CONNECTING ROD (1.27-MM US)						
C	7	1	247-6123	1	BODY AS-PISTON						
	8	1	230-2569	2	RETAINER-PIN						
C	9	1	247-6130	1	RING-PISTON-TOP						
	10	1	238-0294	1	RING-PISTON-OIL						

A - NOT PART OF THIS GROUP

B - USE AS REQUIRED

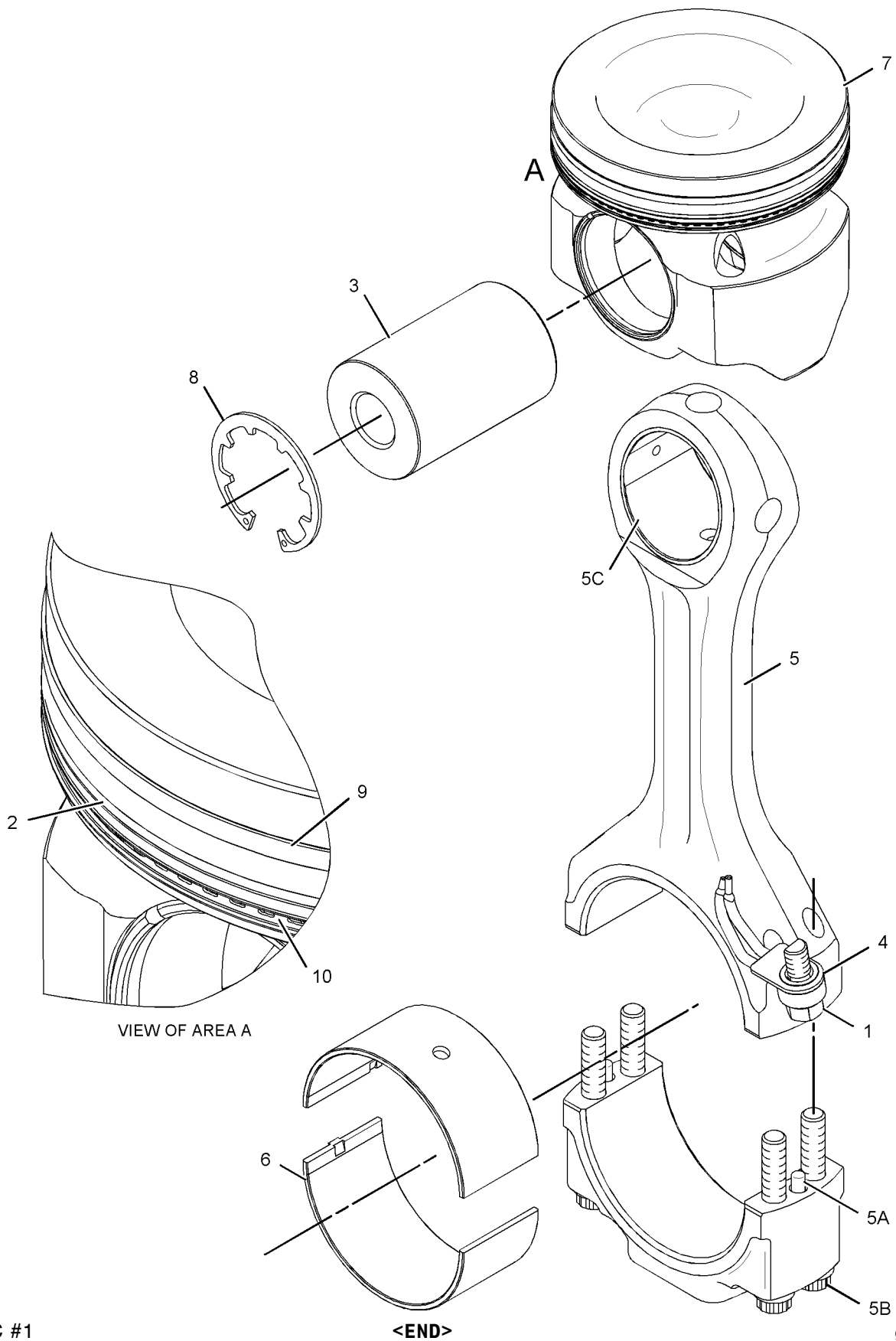
C - CHANGE FROM PREVIOUS TYPE

R - REMFG PART MAY BE AVAILABLE

BASIC ENGINE

229 - 2863 PISTON & ROD GP (contd.)

i02656626



GRAPHIC #1

<END>

g01024548

BASIC ENGINE

229-2863 PISTON & ROD GP

S/N: LHX3599-8131

18:1 COMPRESSION RATIO

PART OF 241-5929 ENGINE AR-CORE

SMCS-1225

i02656879

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	151-5925	1	BOLT (7/16-14-2A-THD)						
C	2	1	164-4187	1	RING-PISTON (INTERMEDIATE)						
	3	1	180-7350	1	PIN-PISTON						
	4	1	197-9361	1	TUBE AS-OIL JET						
R	5	1	224-3245	1	ROD AS						
	5A	1	219-4458	2	PIN-DOWEL						
	5B	1	213-3217	4	BOLT (M11X1.25X84-MM)						
	5C	1	229-6259	1	BEARING						
	6	1	224-3246	1	BEARING-CONNECTING ROD (STANDARD)						
AB		1	232-3235		BEARING-CONNECTING ROD (0.64-MM US)						
AB		1	232-3236		BEARING-CONNECTING ROD (1.27-MM US)						
C	7	1	247-6123	1	BODY AS-PISTON						
	8	1	230-2569	2	RETAINER-PIN						
C	9	1	247-6130	1	RING-PISTON-TOP						
	10	1	238-0294	1	RING-PISTON-OIL						

A - NOT PART OF THIS GROUP

B - USE AS REQUIRED

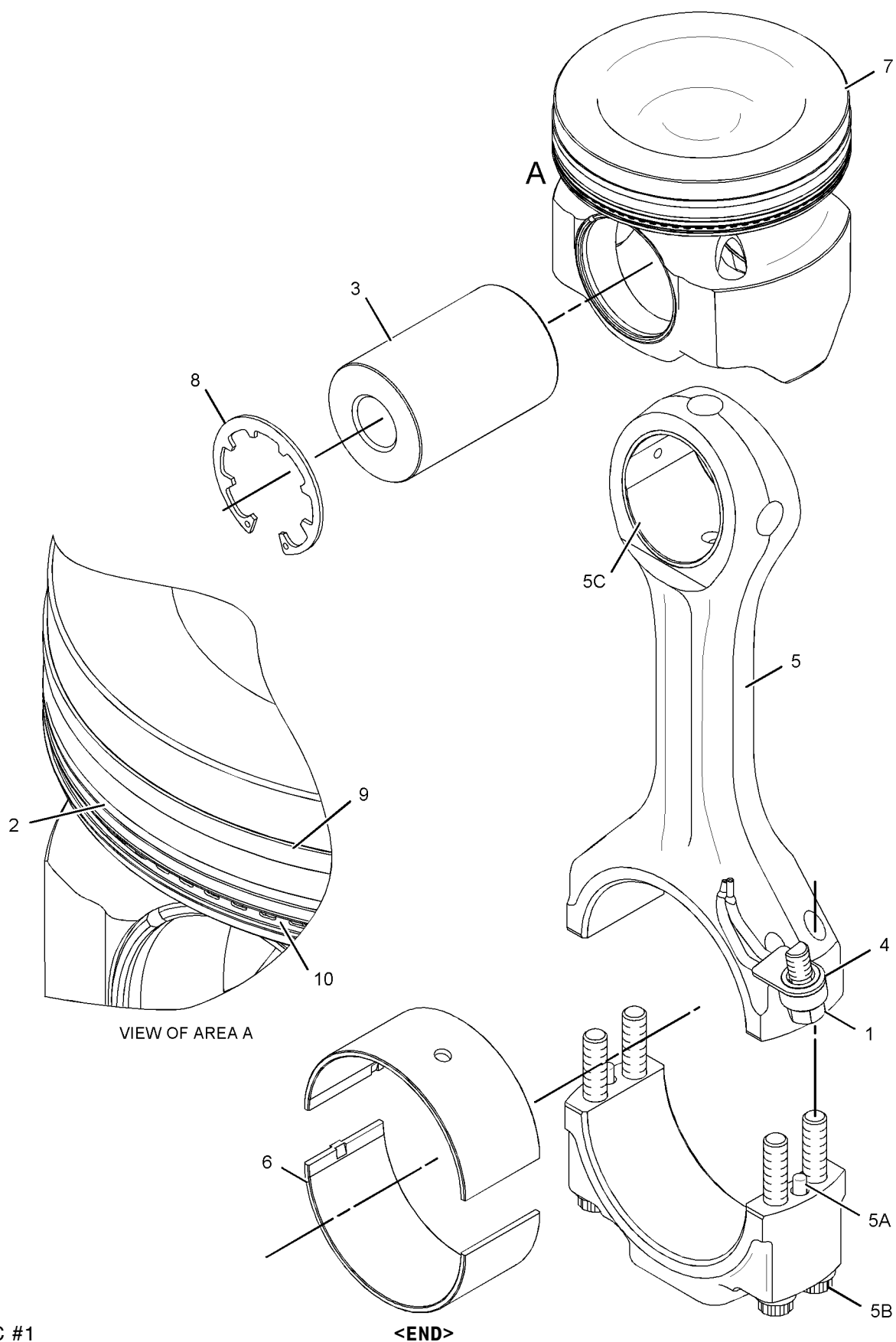
C - CHANGE FROM PREVIOUS TYPE

R - REMFG PART MAY BE AVAILABLE

BASIC ENGINE

229 - 2863 PISTON & ROD GP (contd.)

i02656879



GRAPHIC #1

<END>

g01024548

BASIC ENGINE

229-2863 PISTON & ROD GP

S/N: LHX8132-UP

18:1 COMPRESSION RATIO

PART OF 241-5929 ENGINE AR-CORE

SMCS-1225

i02593178

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	151-5925	1	BOLT (7/16-14-2A-THD)						
	2	1	164-4187	1	RING-PISTON (INTERMEDIATE)						
	3	1	180-7350	1	PIN-PISTON						
C	4	1	276-4637	1	TUBE AS-OIL JET						
R	5	1	224-3245	1	ROD AS						
	5A	1	219-4458	2	PIN-DOWEL						
	5B	1	213-3217	4	BOLT (M11X1.25X84-MM)						
	5C	1	229-6259	1	BEARING						
	6	1	224-3246	1	BEARING-CONNECTING ROD (STANDARD)						
AB		1	232-3235		BEARING-CONNECTING ROD (0.64-MM US)						
AB		1	232-3236		BEARING-CONNECTING ROD (1.27-MM US)						
	7	1	247-6123	1	BODY AS-PISTON						
	8	1	230-2569	2	RETAINER-PIN						
	9	1	247-6130	1	RING-PISTON-TOP						
	10	1	238-0294	1	RING-PISTON-OIL						

A - NOT PART OF THIS GROUP

B - USE AS REQUIRED

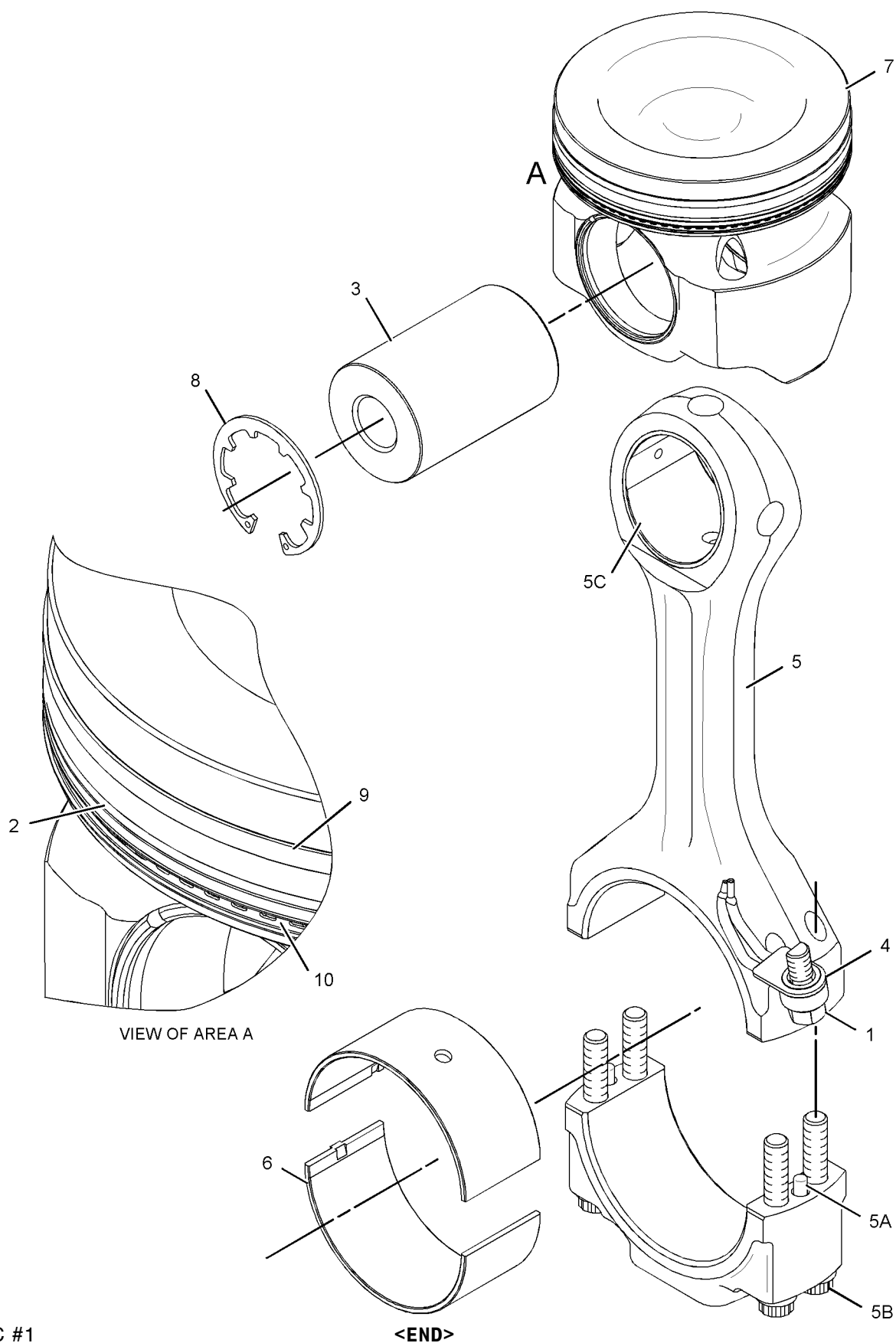
C - CHANGE FROM PREVIOUS TYPE

R - REMFG PART MAY BE AVAILABLE

BASIC ENGINE

229 - 2863 PISTON & ROD GP (contd.)

i02593178



GRAPHIC #1

<END>

g01024548

BASIC ENGINE

230-5379 PLUG GP-CYLINDER BLOCK

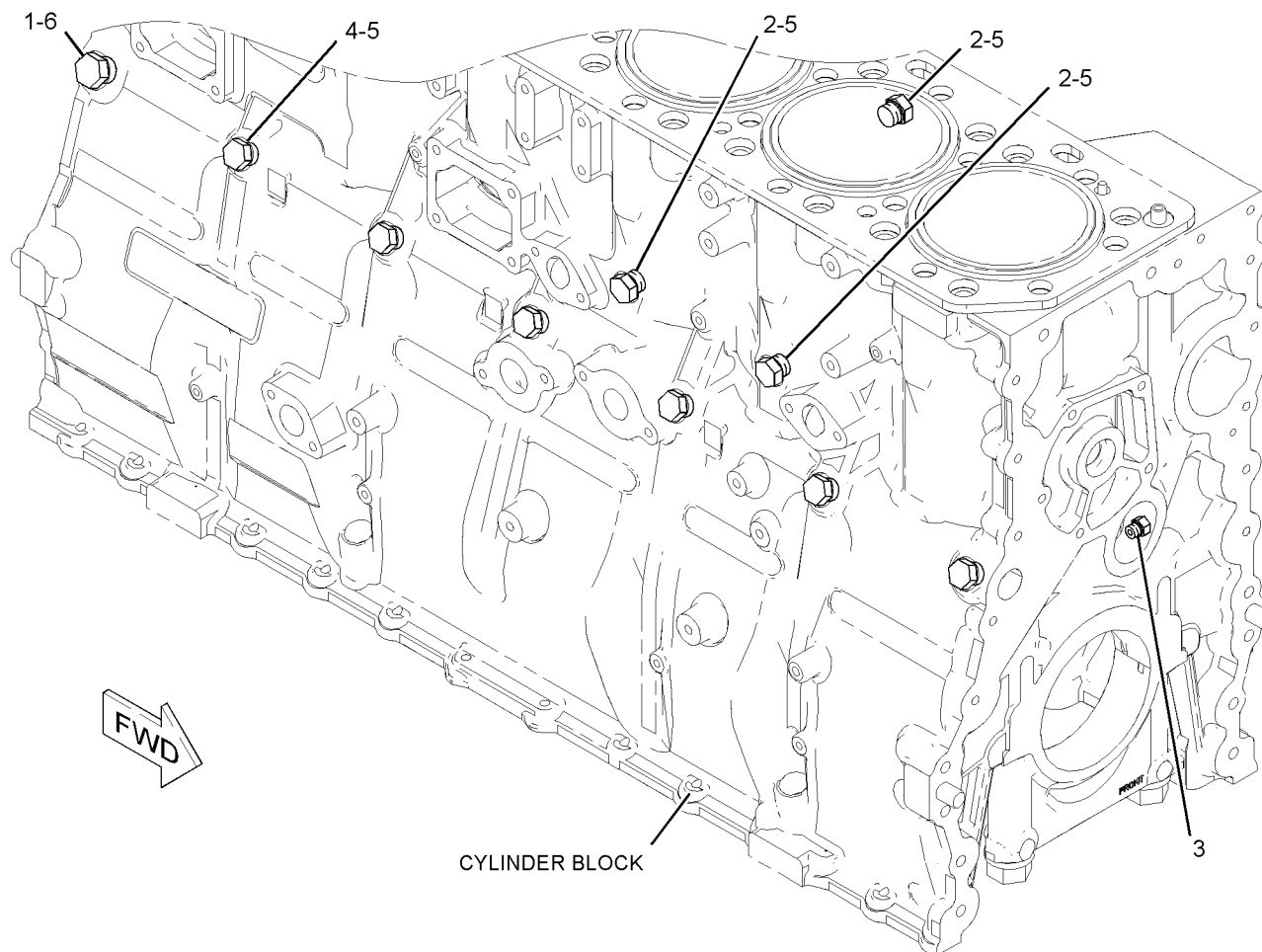
S/N: LHX1-UP

PART OF 225-8923 ENGINE AR-COMplete

SMCS-1201

i02014500

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



GRAPHIC #1

<END>

g01045398

BASIC ENGINE

230 - 5378 PLUG GP - CYLINDER HEAD

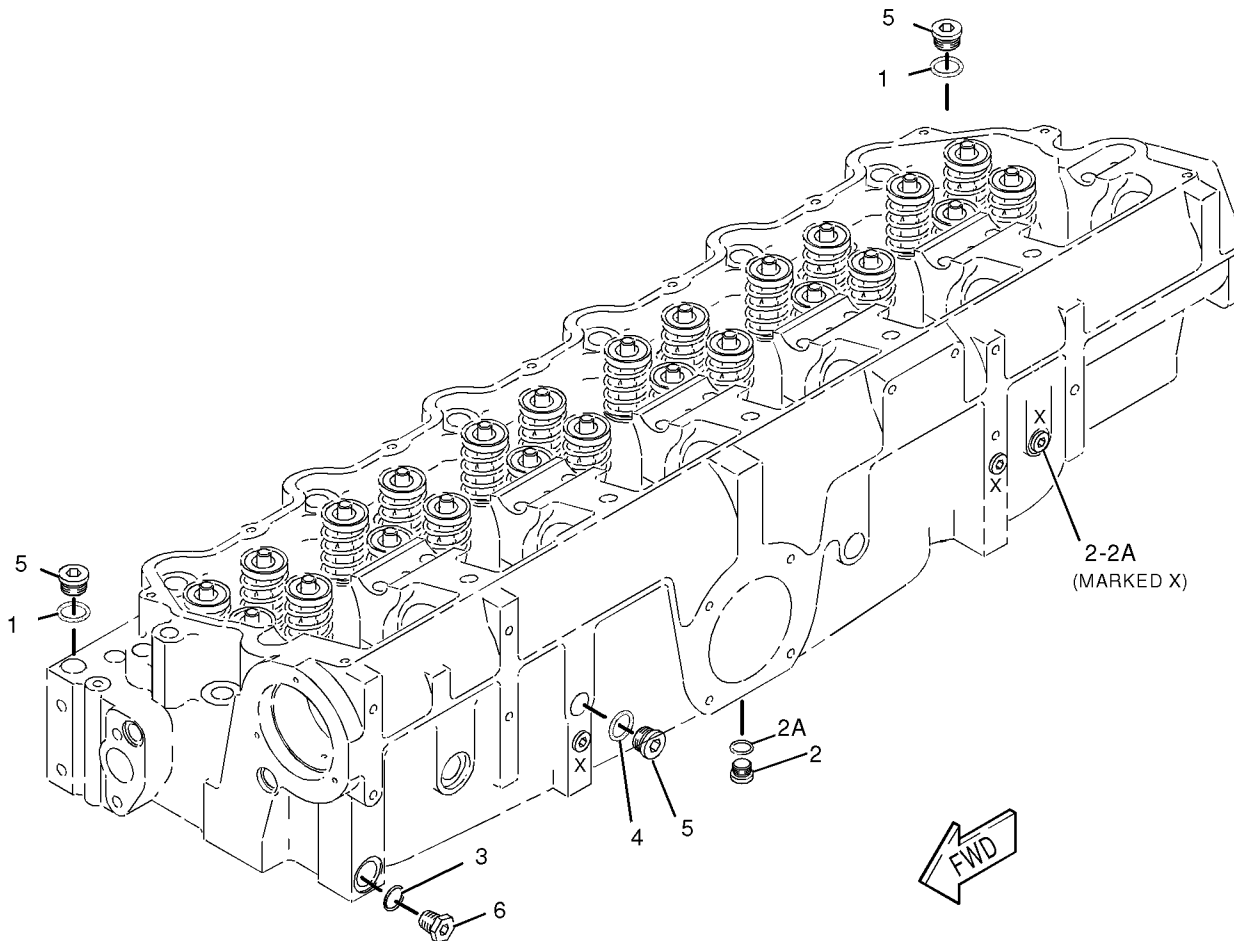
S/N: LHX1-UP

PART OF 225-8923 ENGINE AR-COMplete

SMCS-1100

i02348995

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6V-6609	2	SEAL-O-RING						
	2	1	183-3408	4	PLUG AS						
					(EACH INCLUDES)						
	2A	1	6V-5049	1	SEAL-O-RING						
	3	1	6V-3251	1	SEAL-O-RING						
	4	1	8L-2786	1	SEAL-O-RING						
	5	1	9S-8005	3	PLUG-O RING						
	6	1	9S-8006	1	PLUG-O RING						



GRAPHIC #1

<END>

g01045985

BASIC ENGINE

251-4858 PLUG GP-OIL PAN

S/N: LHX1-UP

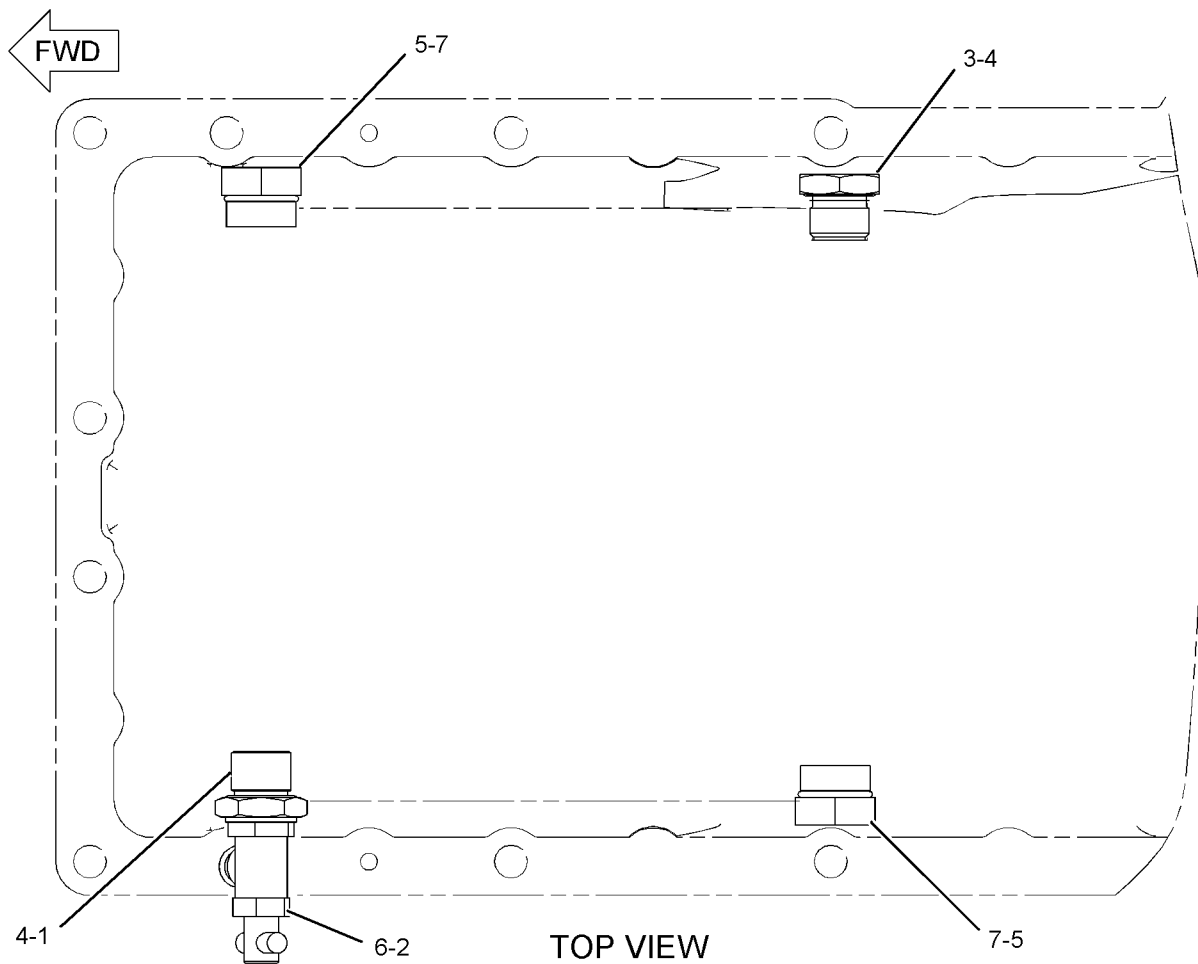
FRONT SUMP

PART OF 225-8923 ENGINE AR-COMPLETE

SMCS-1302

i02763846

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3E-7427	1	ADAPTER						
	2	1	6V-7238	1	VALVE-SHUTOFF						
	3	1	9X-6451	1	PLUG-DRAIN (OIL PAN)						
	4	1	061-9458	2	SEAL-O-RING						
	5	1	5P-7701	2	SEAL-O-RING						
	6	1	8L-2786	1	SEAL-O-RING						
	7	1	9S-4181	2	PLUG-O-RING						



GRAPHIC #1

<END>

g01127389

BASIC ENGINE

170-1757 PULLEY GP-CRANKSHAFT

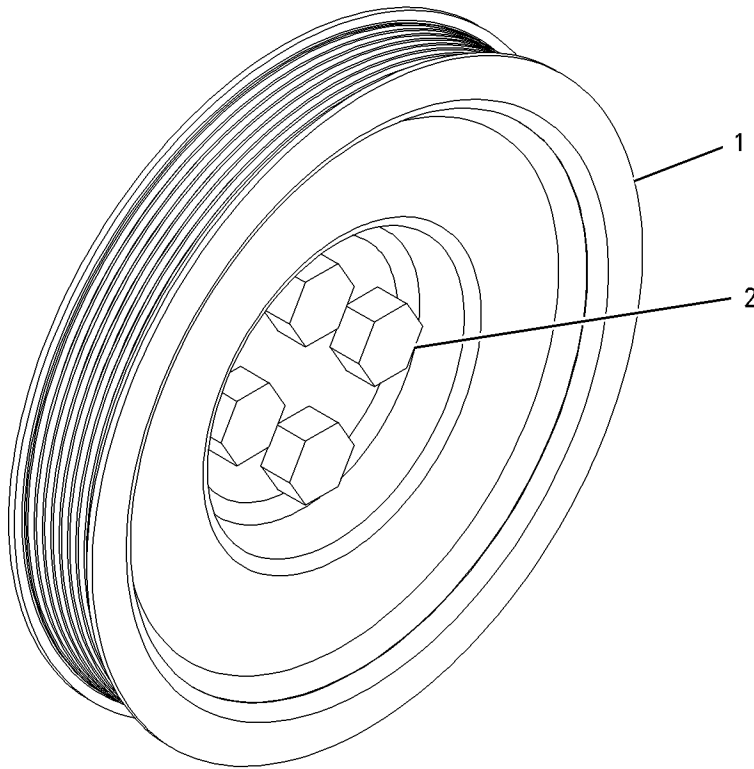
S/N: ASX1-UP

PART OF 226-9641 INSTALLATION AR-ENGINE

SMCS-1205

i01288019

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



GRAPHIC #1

<END>

g00684206

BASIC ENGINE

198 - 9898 ROCKER ARM GP

S/N: LHX1-3598

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

SMCS-1123

i02604643

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

J - PARTS MARKED J MUST BE USED TOGETHER ON OLDER ROCKER ARM ASSEMBLIES

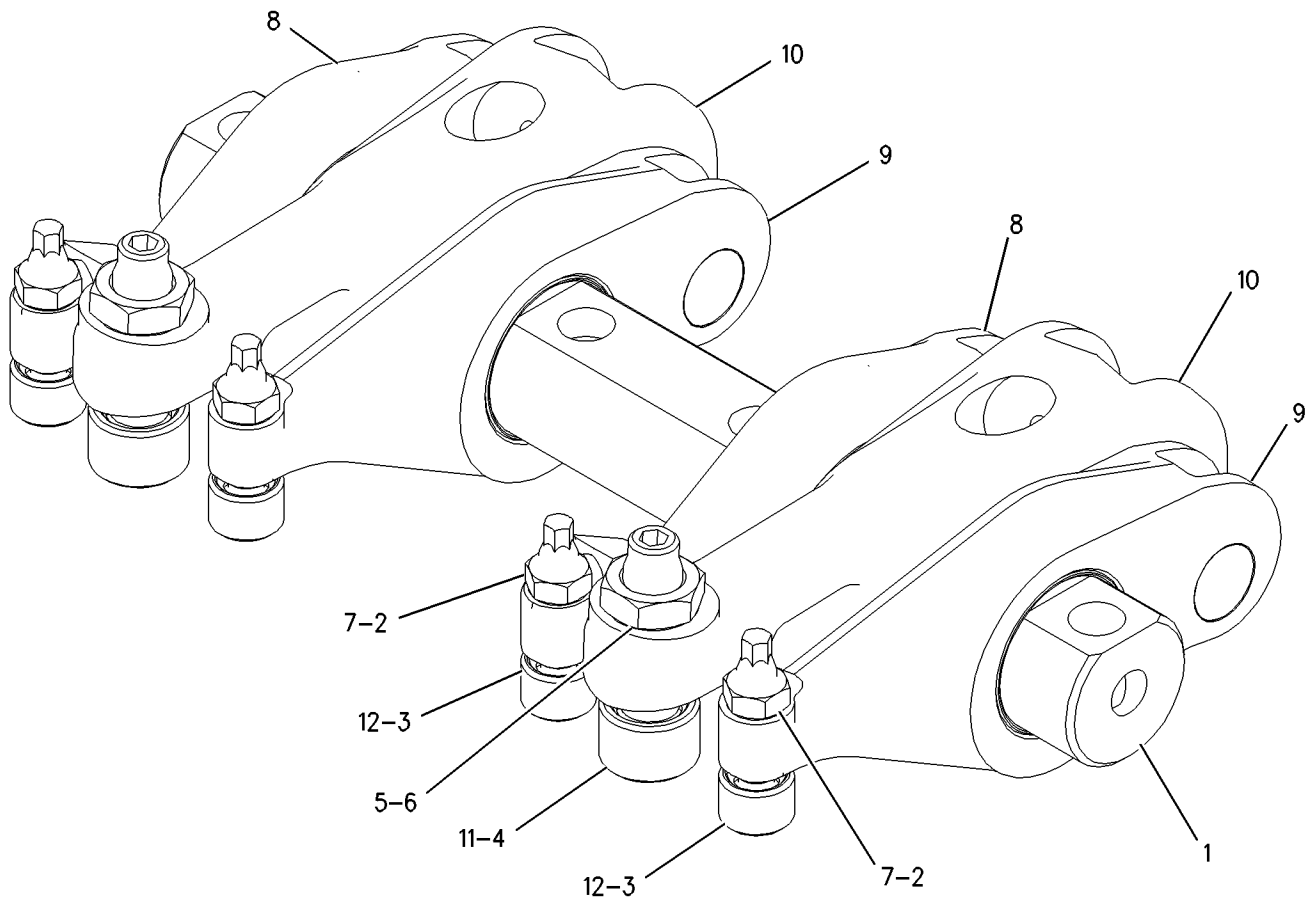
R-REMFG PART MAY BE AVAILABLE

W- PARTS MARKED W MUST BE USED TOGETHER ON NEWER ROCKER ARM ASSEMBLIES

BASIC ENGINE

198-9898 **ROCKER ARM GP** (contd.)

i02604643



GRAPHIC #1

<END>

g00905507

BASIC ENGINE

278-1929 ROCKER ARM GP

S/N: LHX3599-UP

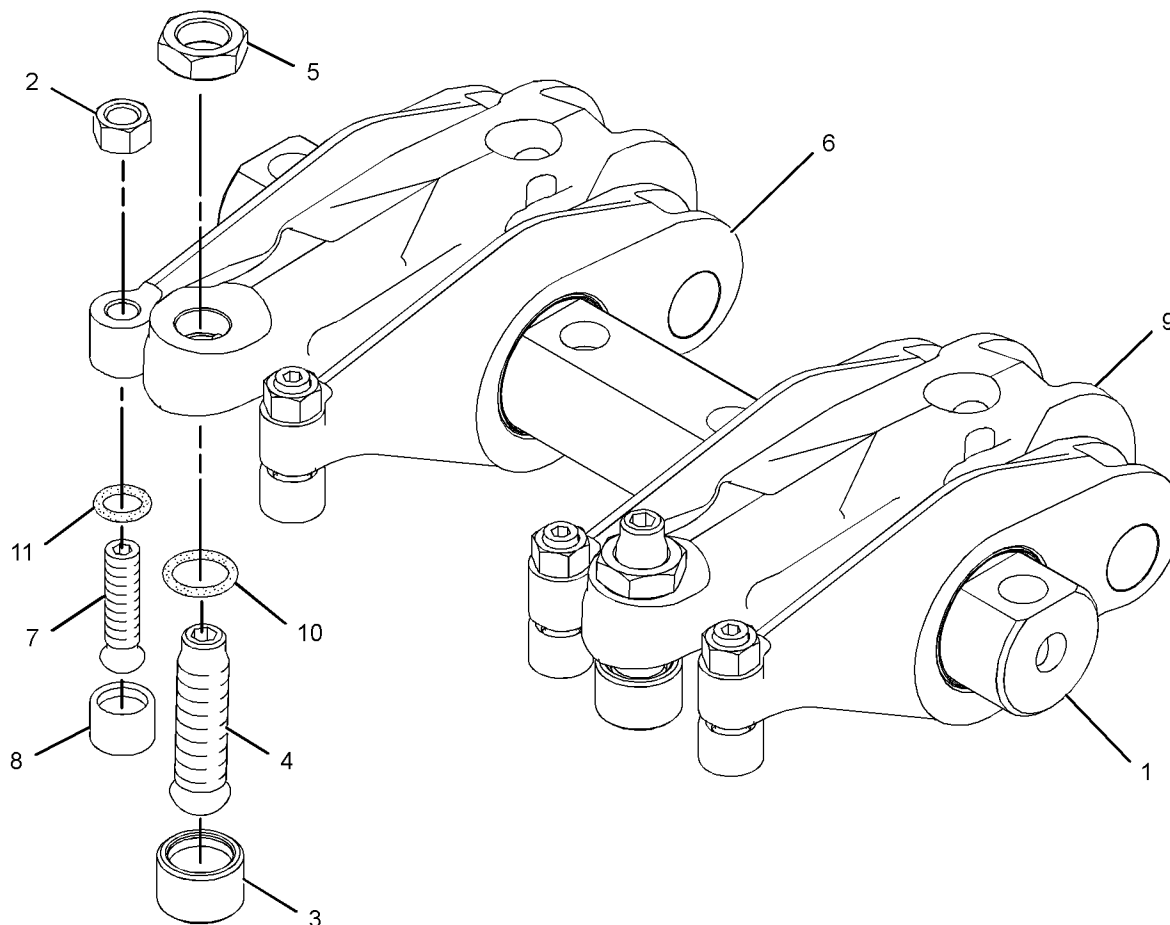
PART OF 190-0009, 280-2167 MECHANISM GP - FUEL PUMP & VALVE

SMCS-1123

i02763863

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

R-REMFG PART MAY BE AVAILABLE



GRAPHIC #1

<END>

g01221930

BASIC ENGINE

232-4648 SUPPORT GP-ENGINE

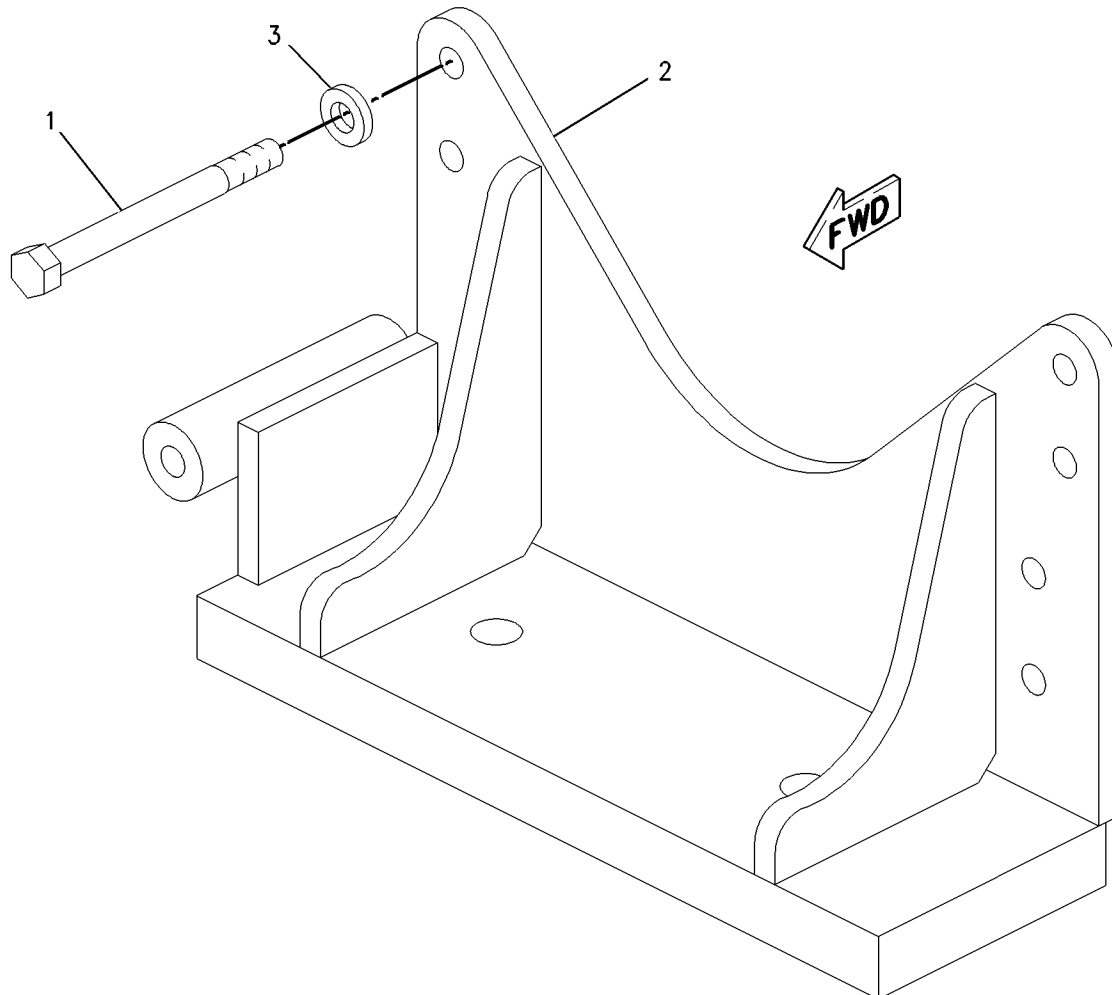
S/N: LHX1-UP

PART OF 225-8923 ENGINE AR-COMplete
FOR USE WITH AXLE OIL COOLER

SMCS-1152, 1153, 1154

i01900865

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6F-5282	8	BOLT (1/2-13X5.25IN)						
	2	1	232-1768	1	SUPPORT AS						
	3	1	2M-0849	8	WASHER-HARD (13.5X25.5X5MM THK)						



GRAPHIC #1

<END>

g00989095

BASIC ENGINE

227-3011 SUPPORT GP-ENGINE & TMSN

S/N: ASX1-UP

PART OF 226-9594, 300-6281 CHASSIS AR

SMCS-1153, 1154, 3082

i01989937

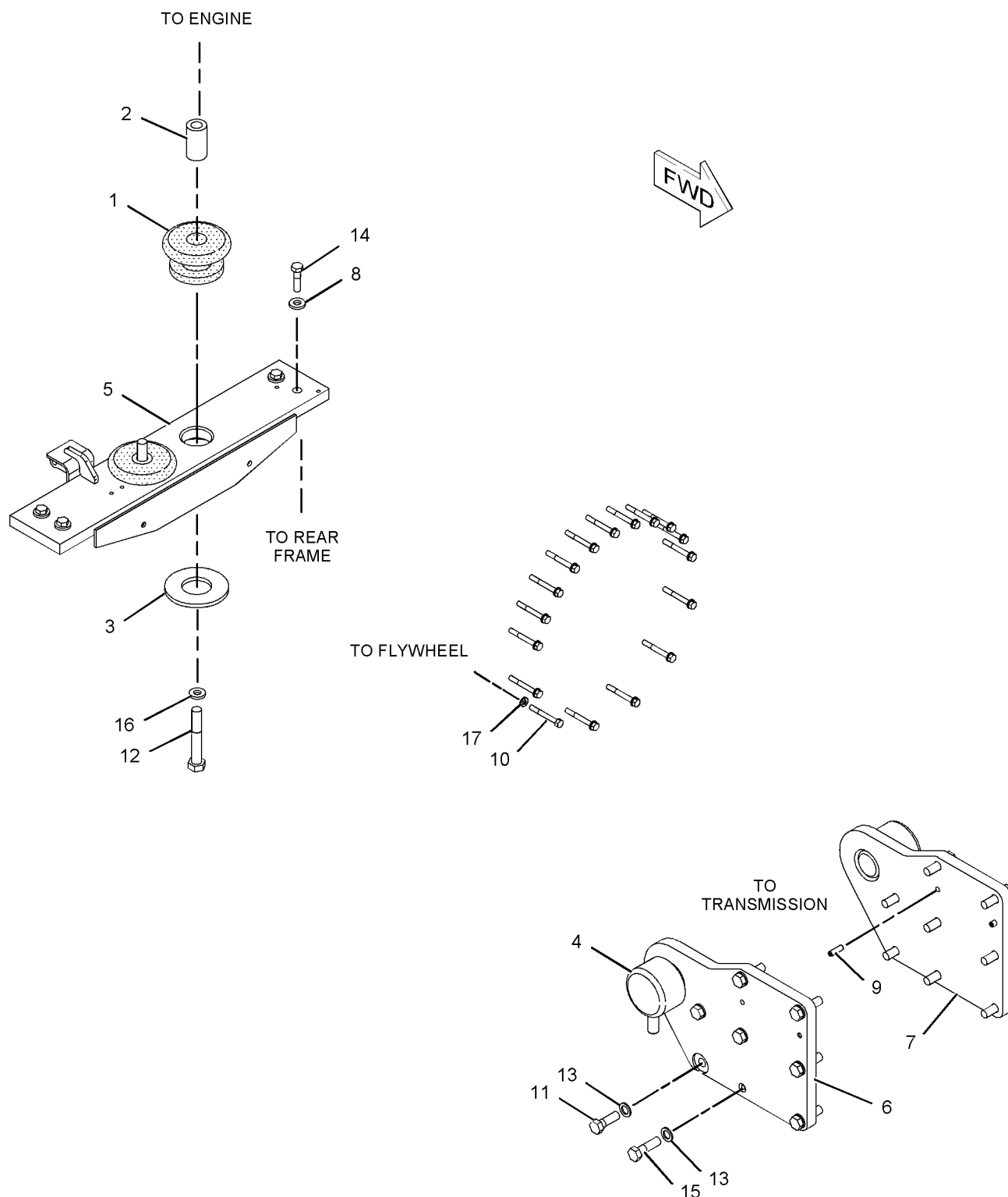
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6Y-9960	2	MOUNT AS						
		1	9W-8095	1	PAD-REBOUND						
	2	1	9W-7385	2	SLEEVE						
	3	1	9W-7388	2	WASHER (26X144X12-MM THK)						
	4	1	114-2435	2	SUPPORT AS						
		1	8K-0589	1	DOWEL						
M		1	7X-2465	2	BOLT (M24X3X180-MM)						
		1	8T-4167	2	WASHER-HARD (26X44X4-MM THK)						
	5	1	227-3094	1	BAR AS						
M		1	8T-3490	6	NUT-WELD (M10X1.5-THD)						
	6	1	239-6344	1	BEAM AS						
		1	122-3536	1	MOUNT AS						
	7	1	239-6346	1	BEAM AS						
		1	122-3536	1	MOUNT AS						
	8	1	3E-9411	4	WASHER-HARD (17.5X38X6-MM THK)						
	9	1	4V-4818	4	DOWEL						
	10	1	7X-0316	17	BOLT (7/16-14X3.5-IN)						
M	11	1	7X-2563	2	BOLT (M20X2.5X60-MM)						
M	12	1	8C-3290	2	BOLT (M24X3X150-MM)						
	13	1	8T-4123	16	WASHER (22X35X3.5-MM THK)						
M	14	1	8T-4140	4	BOLT (M16X2X60-MM)						
M	15	1	8T-4141	14	BOLT (M20X2.5X70-MM)						
	16	1	8T-4167	2	WASHER-HARD (26X44X4-MM THK)						
	17	1	8T-5360	17	WASHER (12X22.5X2.5-MM THK)						

M-METRIC PART

BASIC ENGINE

227-3011 SUPPORT GP - ENGINE & TMSN (contd.)

i01989937



GRAPHIC #1

<END>

g01031923

LUBRICATION SYSTEM

232 - 0362 EXTENSION GP - FUMES DISPOSAL

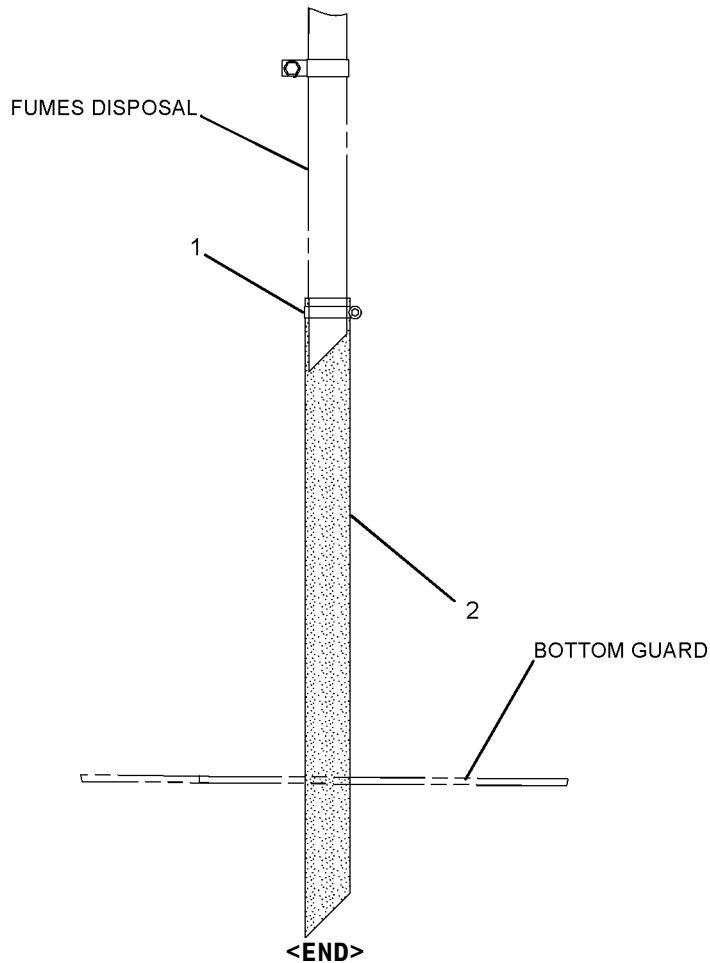
S/N: ASX1-UP

PART OF 226-9641 INSTALLATION AR-ENGINE

SMCS-1317

i02015131

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



GRAPHIC #1

g01058203

LUBRICATION SYSTEM

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

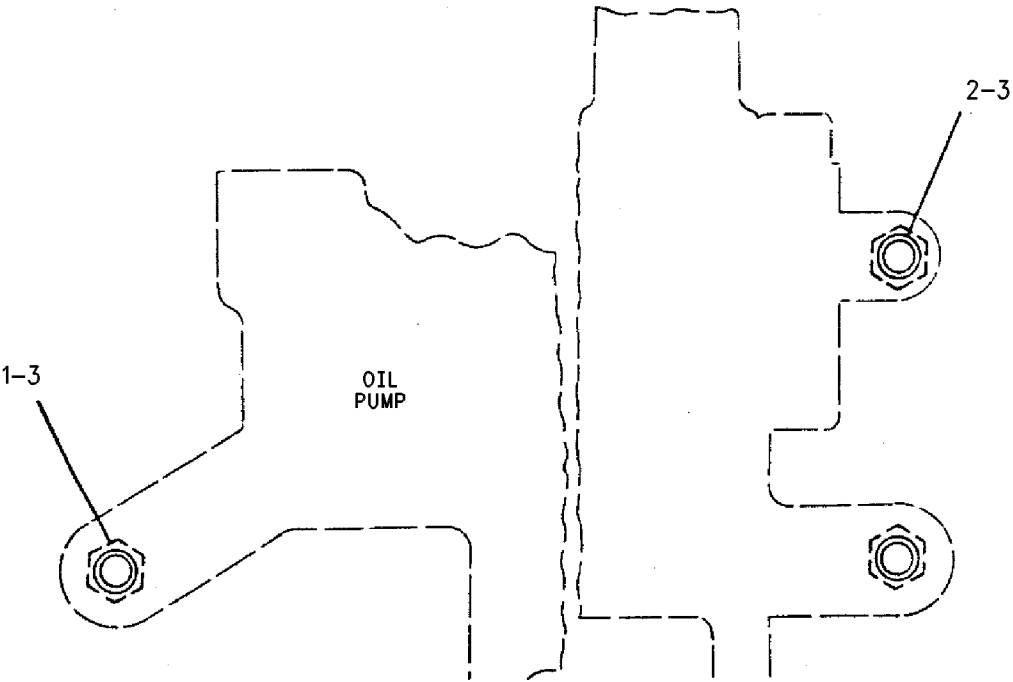
S/N: LHX1-UP

PART OF 225-8923 ENGINE AR-COMplete

SMCS-1304

i02728826

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



GRAPHIC #1

<END>

g00604525

LUBRICATION SYSTEM

263-7310 FILLER GP-ENGINE OIL

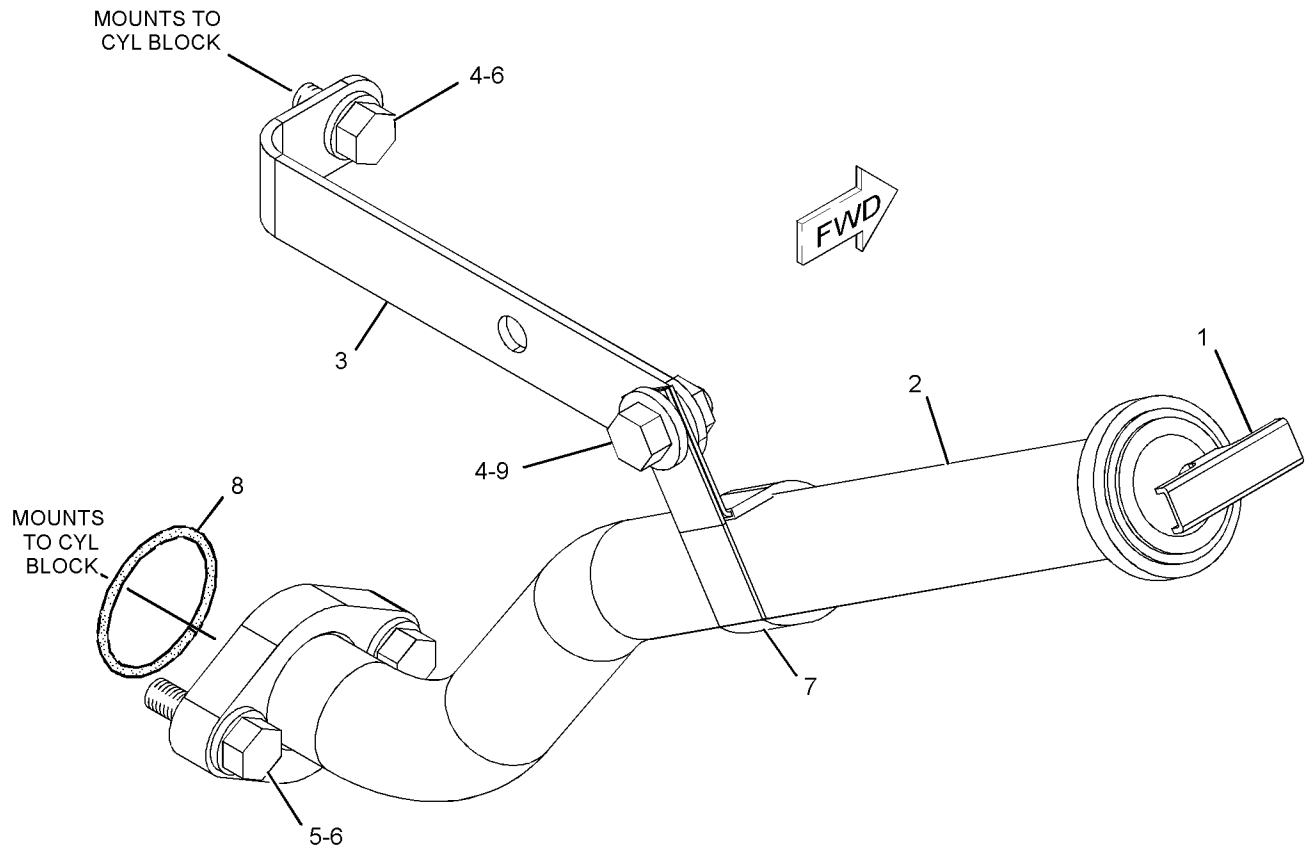
S/N: LHX1-UP

FRONT, RIGHT HAND CYLINDER BLOCK
PART OF 225-8923 ENGINE AR-COMplete

SMCS-1316

i02760834

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9L-8439	1	CAP-OIL FILLER (ENGINE)						
	2	1	197-1488	1	TUBE AS-OIL FILLER						
	3	1	263-7313	1	BRACKET AS						
		1	1F-0750	1	NUT-WELD (3/8-16-THD)						
	4	1	0S-0509	2	BOLT (3/8-16X0.75-IN)						
	5	1	0S-1588	2	BOLT (3/8-16X1.25-IN)						
	6	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	7	1	7C-4355	1	CLIP						
	8	1	8C-0624	1	SEAL-O-RING						
	9	1	9X-6458	1	WASHER-HARD (10.2X22.5X3-MM THK)						



GRAPHIC #1

<END>

g01381921

LUBRICATION SYSTEM

238 - 5454 FILTER GP - ENGINE OIL

S/N: LHX1-2075

PART OF 225-8923 ENGINE AR-COMPLETE

SMCS-1306, 1308

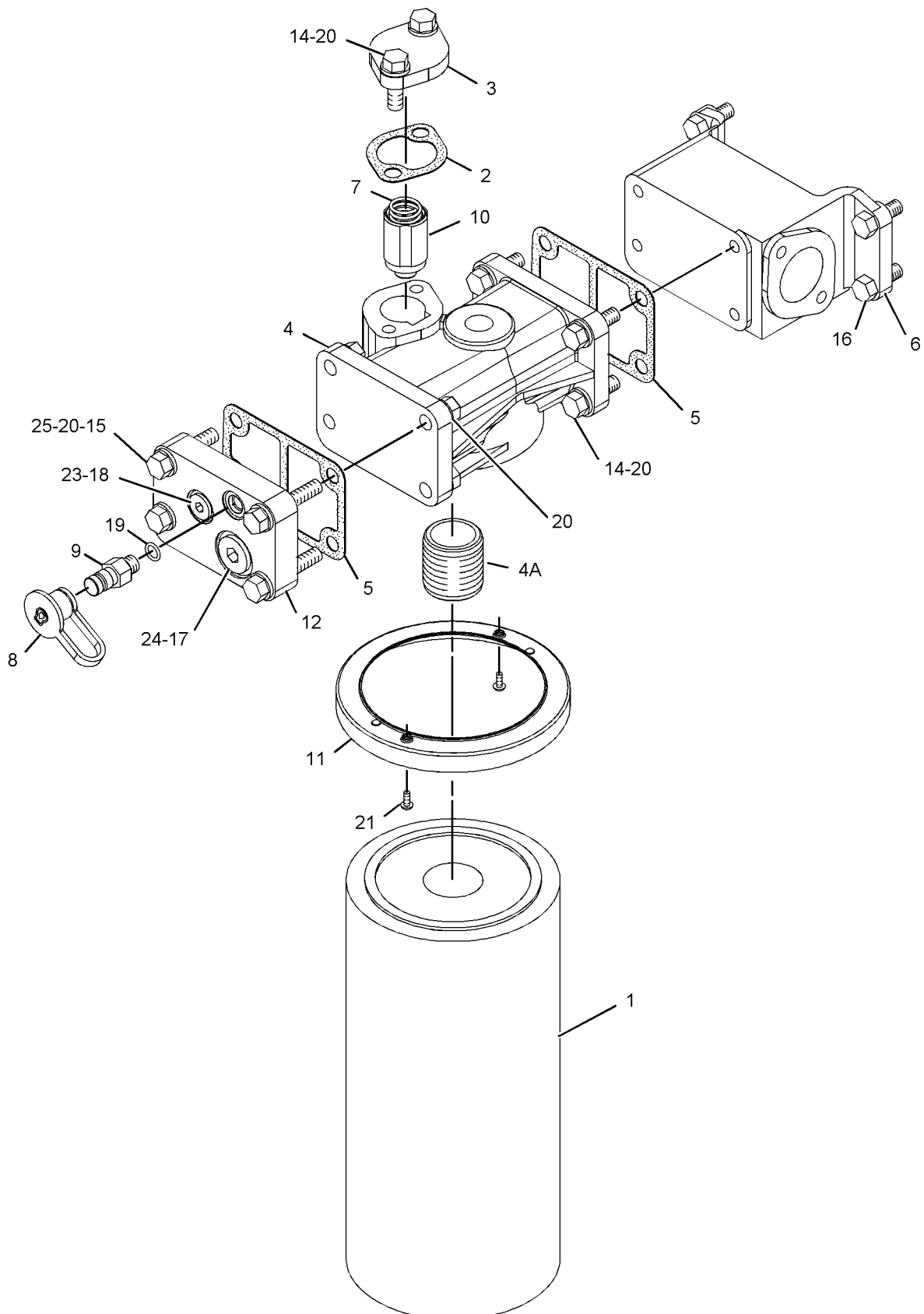
i02761690

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1R-0716	1	FILTER AS-ENGINE OIL (ADVANCED EFFICIENCY)						
	2	1	2P-3760	1	GASKET						
	3	1	2P-3761	1	COVER						
	4	1	2P-4301	1	BASE AS						
	4A	1	2P-4304	1	STUD-HOLLOW						
	5	1	2P-4305	2	GASKET						
	6	1	4N-0827	1	ADAPTER-FILTER						
	7	1	4N-8150	1	SPRING						
	8	1	8C-3445	1	CAP-DUST						
	9	1	8C-3446	1	VALVE-FLUID SAMPLING (ENGINE OIL)						
	10	1	9M-0853	1	PLUNGER-VALVE						
	11	1	191-0965	1	SHIELD-OIL FILTER						
	12	1	249-7734	1	COVER						
	14	1	0S-1588	6	BOLT (3/8-16X1.25-IN)						
	15	1	0S-1590	4	BOLT (3/8-16X2-IN)						
	16	1	0S-1594	4	BOLT (3/8-16X1-IN)						
	17	1	136-7227	1	SEAL-O-RING						
	18	1	3J-1907	1	SEAL-O-RING						
	19	1	3J-7354	1	SEAL-O-RING						
	20	1	5M-2894	14	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	21	1	7F-9090	2	SCREW-DRIVE (NO 8X3/8-IN)						
	23	1	9S-8004	1	PLUG-O-RING						
	24	1	9S-8006	1	PLUG-O-RING						
	25	1	9S-8752	4	NUT-FULL (3/8-16-THD)						

LUBRICATION SYSTEM

238-5454 FILTER GP-ENGINE OIL (contd.)

i02761690



GRAPHIC #1

<END>

g01078132

LUBRICATION SYSTEM

238 - 5454 FILTER GP - ENGINE OIL

S/N: LHX2076-3596

PART OF 225-8923 ENGINE AR-COMPLETE

SMCS-1306, 1308

i02386947

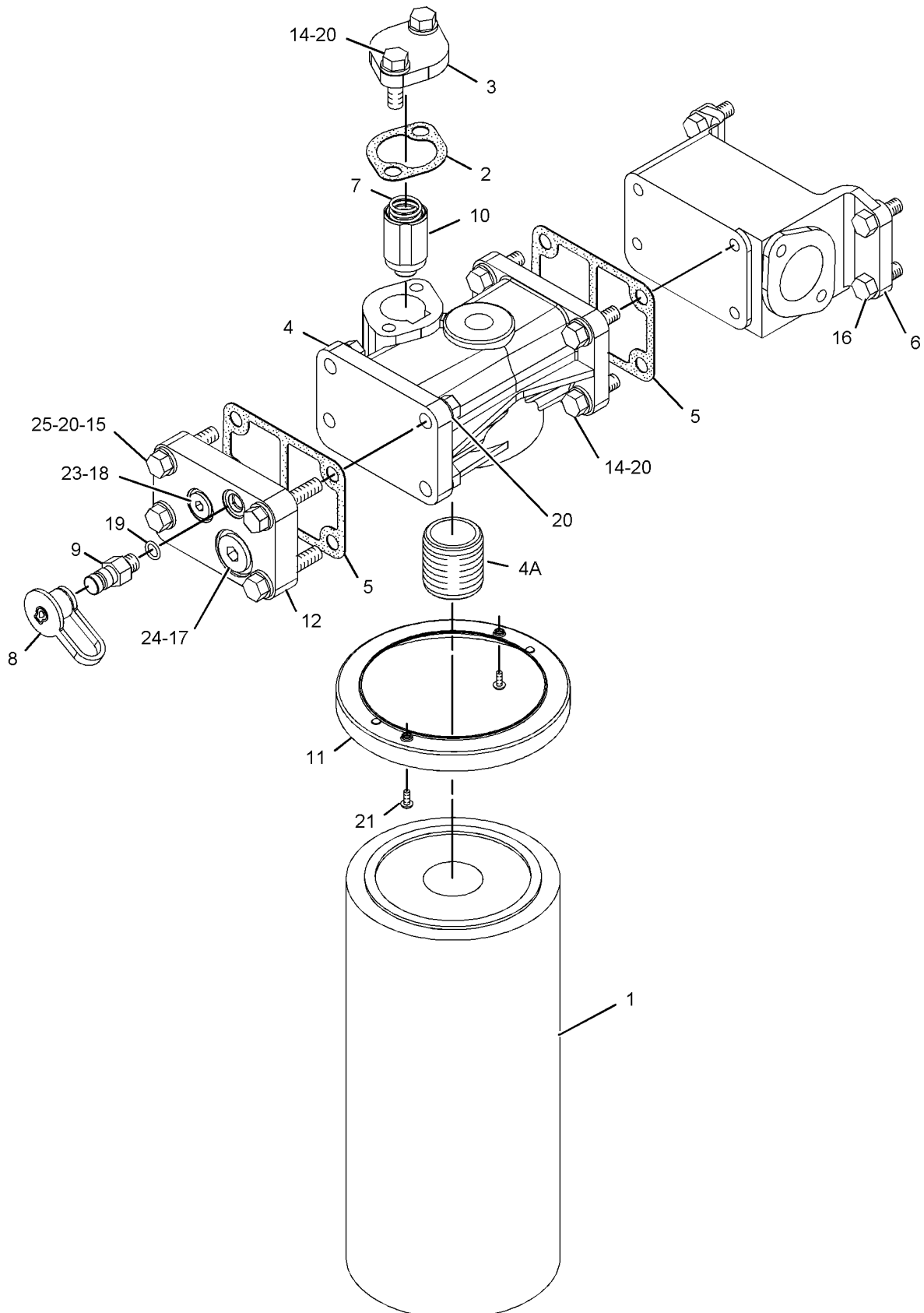
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	1	1	1R-1808	1	FILTER AS-ENGINE OIL (ADVANCED EFFICIENCY)						
	2	1	2P-3760	1	GASKET						
	3	1	2P-3761	1	COVER						
	4	1	2P-4301	1	BASE AS						
	4A	1	2P-4304	1	STUD-HOLLOW						
	5	1	2P-4305	2	GASKET						
	6	1	4N-0827	1	ADAPTER-FILTER						
	7	1	4N-8150	1	SPRING						
	8	1	8C-3445	1	CAP-DUST						
	9	1	8C-3446	1	VALVE-FLUID SAMPLING (ENGINE OIL)						
	10	1	9M-0853	1	PLUNGER-VALVE						
	11	1	191-0965	1	SHIELD-OIL FILTER						
	12	1	249-7734	1	COVER						
	14	1	0S-1588	6	BOLT (3/8-16X1.25-IN)						
	15	1	0S-1590	4	BOLT (3/8-16X2-IN)						
	16	1	0S-1594	4	BOLT (3/8-16X1-IN)						
	17	1	136-7227	1	SEAL-O-RING						
	18	1	3J-1907	1	SEAL-O-RING						
	19	1	3J-7354	1	SEAL-O-RING						
	20	1	5M-2894	14	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	21	1	7F-9090	2	SCREW-DRIVE (NO 8X3/8-IN)						
	23	1	9S-8004	1	PLUG-O-RING						
	24	1	9S-8006	1	PLUG-O-RING						
	25	1	9S-8752	4	NUT-FULL (3/8-16-THD)						

C- CHANGE FROM PREVIOUS TYPE

LUBRICATION SYSTEM

238-5454 FILTER GP-ENGINE OIL (contd.)

i02386947



GRAPHIC #1

<END>

g01078132

LUBRICATION SYSTEM

263-5373 FILTER GP-ENGINE OIL

S/N: LHX3597-UP

PART OF 225-8923 ENGINE AR-COMPLETE

SMCS-1306, 1308

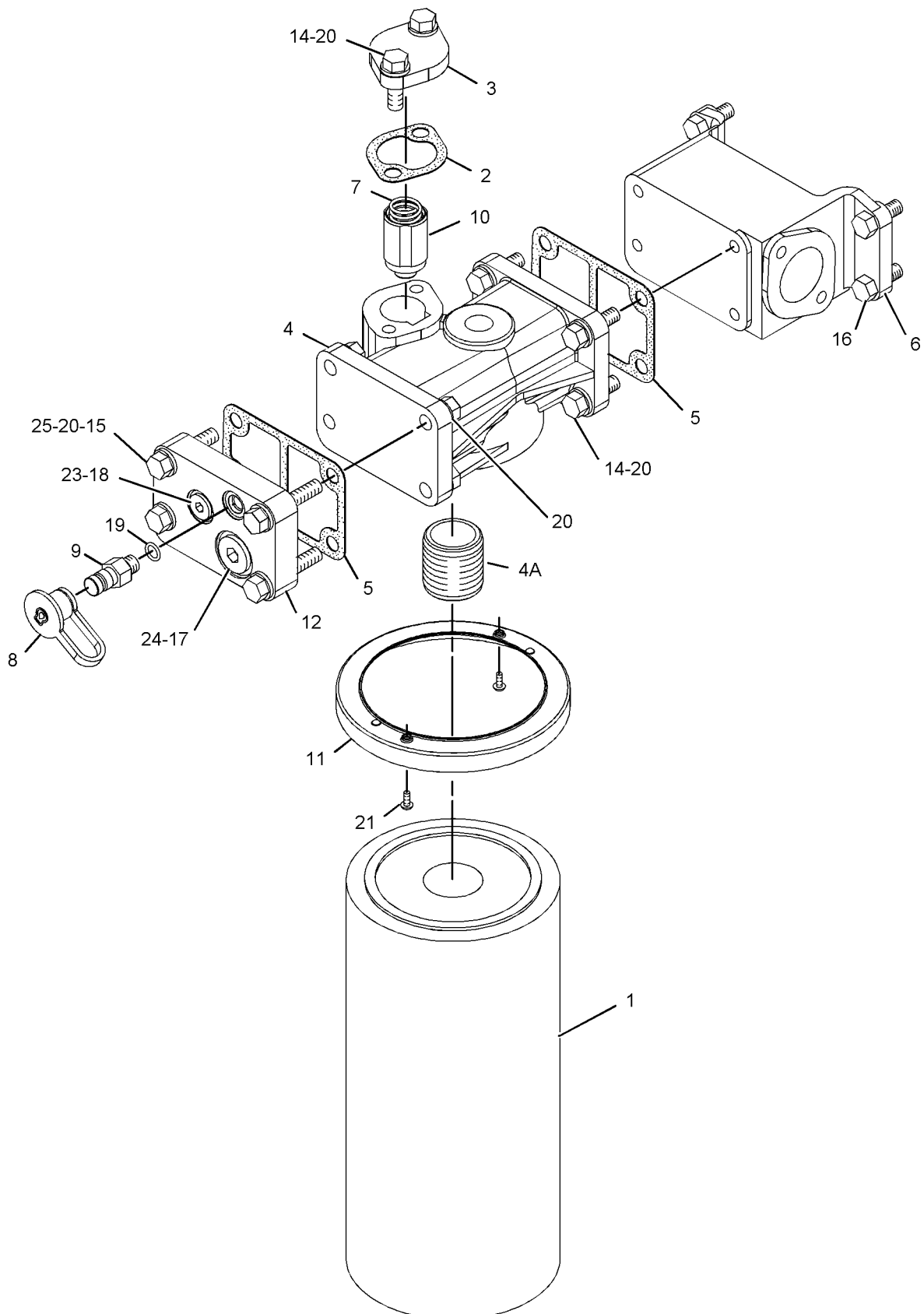
i02443208

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1R-1808	1	FILTER AS-ENGINE OIL (ADVANCED EFFICIENCY)						
	2	1	2P-3760	1	GASKET						
	3	1	2P-3761	1	COVER						
	4	1	2P-4301	1	BASE AS						
	4A	1	2P-4304	1	STUD-HOLLOW						
	5	1	2P-4305	2	GASKET						
	6	1	259-8357	1	ADAPTER-OIL FILTER						
	7	1	4N-8150	1	SPRING						
	8	1	8C-3445	1	CAP-DUST						
	9	1	8C-3446	1	VALVE-FLUID SAMPLING (ENGINE OIL)						
	10	1	9M-0853	1	PLUNGER-VALVE						
	11	1	191-0965	1	SHIELD-OIL FILTER						
	12	1	249-7734	1	COVER						
	14	1	0S-1588	6	BOLT (3/8-16X1.25-IN)						
	15	1	0S-1590	4	BOLT (3/8-16X2-IN)						
	16	1	0S-1594	4	BOLT (3/8-16X1-IN)						
	17	1	136-7227	1	SEAL-O-RING						
	18	1	3J-1907	1	SEAL-O-RING						
	19	1	3J-7354	1	SEAL-O-RING						
	20	1	5M-2894	14	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	21	1	7F-9090	2	SCREW-DRIVE (NO 8X3/8-IN)						
	23	1	9S-8004	1	PLUG-O-RING						
	24	1	9S-8006	1	PLUG-O-RING						
	25	1	9S-8752	4	NUT-FULL (3/8-16-THD)						

LUBRICATION SYSTEM

263-5373 FILTER GP-ENGINE OIL (contd.)

i02443208



GRAPHIC #1

<END>

g01078132

LUBRICATION SYSTEM

159-9362 FUMES DISPOSAL GP

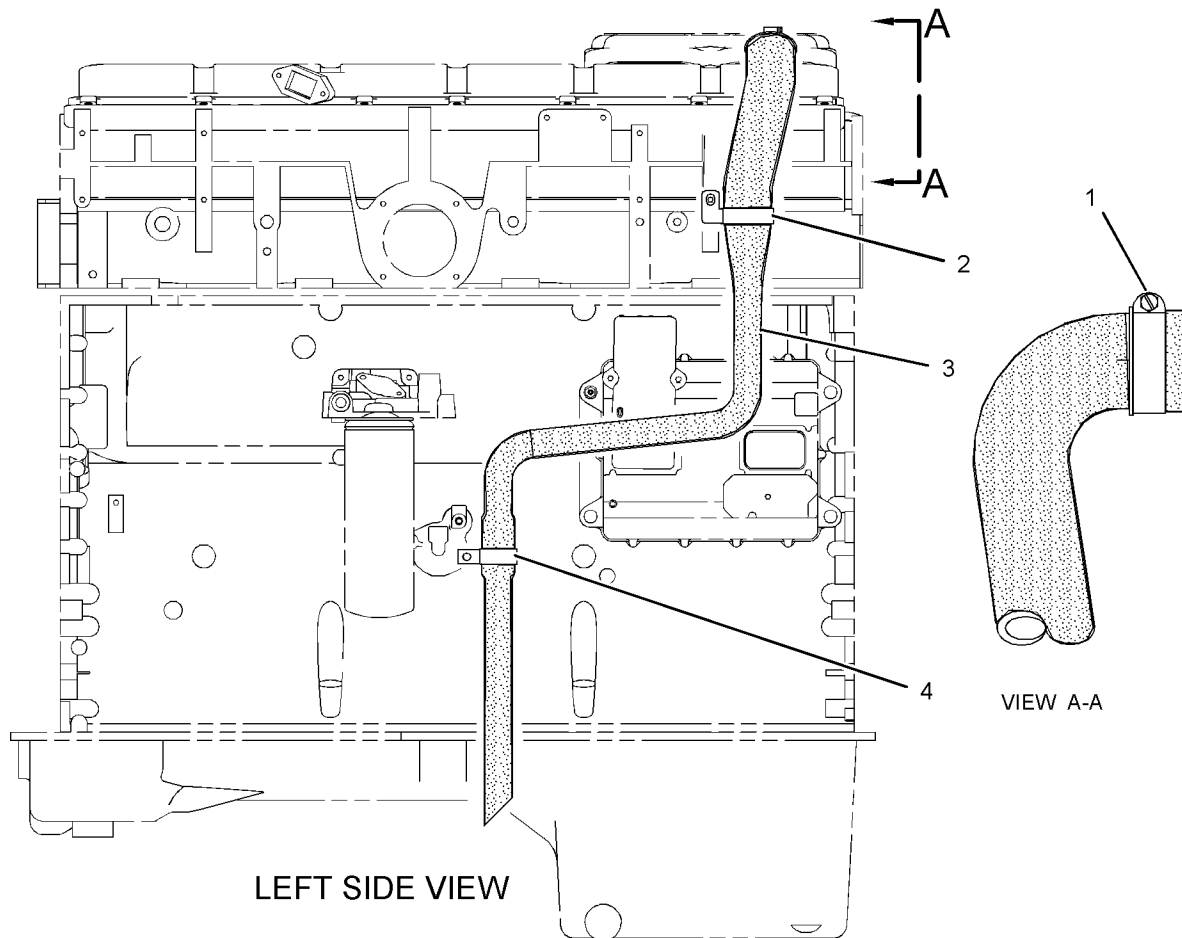
S/N: LHX1-UP

REAR VALVE COVER MOUNTED FUMES DISPOSAL
PART OF 225-8923 ENGINE AR-COMplete

SMCS-1317

i02654991

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



GRAPHIC #1

<END>

g01185755

LUBRICATION SYSTEM

263-7309 GUIDE GP-OIL LEVEL GAUGE

S/N: LHX1-4296

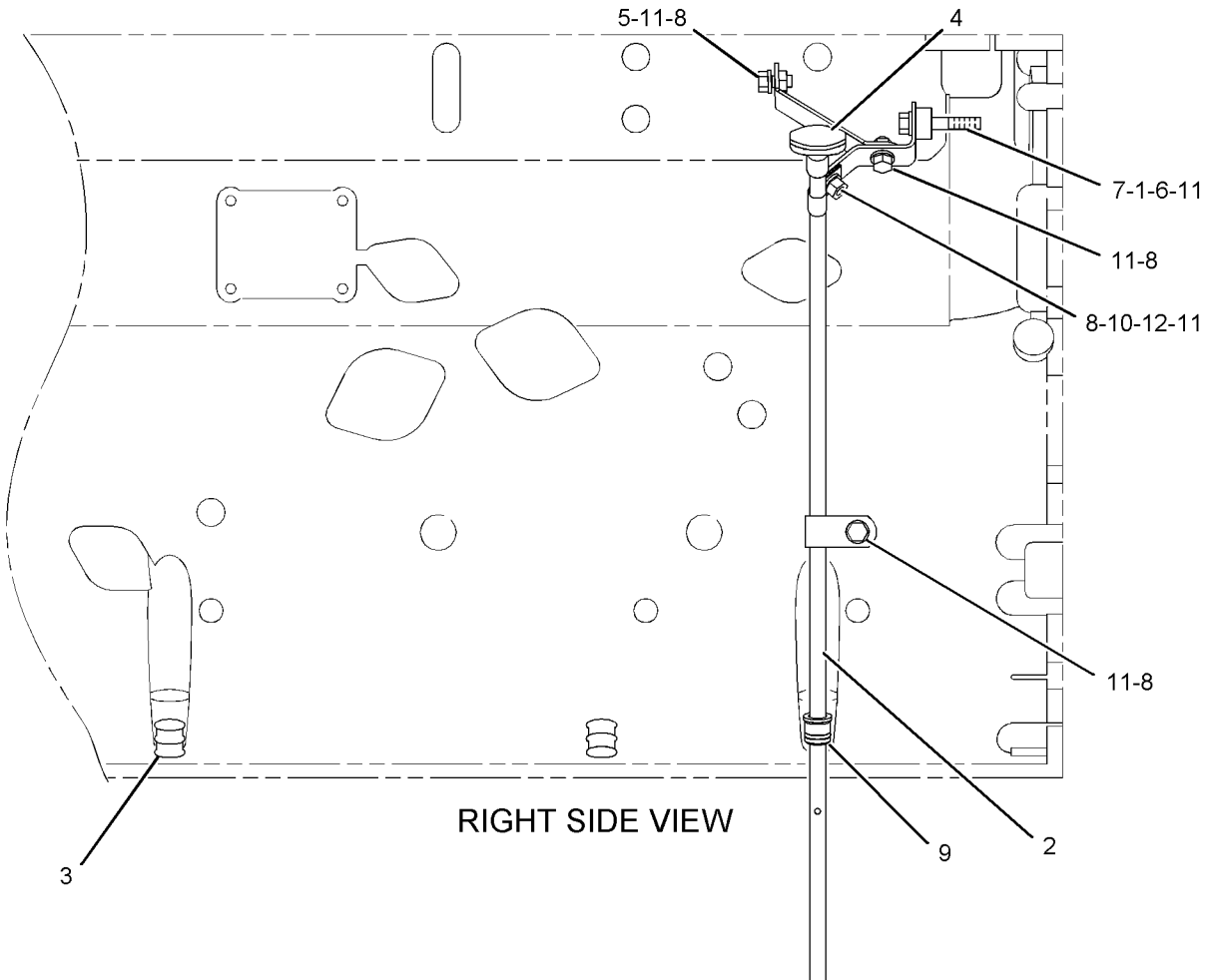
RIGHT HAND FRONT

PART OF 225-8923 ENGINE AR-COMPLETE

SMCS-1326

i02224601

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	4S-5719	1	SPACER (10.31X25X12.7-MM THK)	
	2	1	161-1827	1	TUBE AS	
	3	1	165-6170	3	PLUG	
	4	1	168-6865	1	GAUGE AS-OIL LEVEL (DIPSTICK) (ENGINE OIL)	
	5	1	263-7311	1	BRACKET AS	
		1	1F-0750	1	NUT-WELD (3/8-16-THD)	
	6	1	263-7312	1	BRACKET	
	7	1	0L-2070	1	BOLT (3/8-16X2.25-IN)	
	8	1	0S-0509	4	BOLT (3/8-16X0.75-IN)	
	9	1	118-5068	1	SEAL-O-RING	
	10	1	4B-0418	1	CLIP	
	11	1	5M-2894	6	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	12	1	9S-8752	1	NUT-FULL (3/8-16-THD)	



GRAPHIC #1

<END>

g01127406

LUBRICATION SYSTEM

263-7309 GUIDE GP-OIL LEVEL GAUGE

S/N: LHX4297-UP

RIGHT HAND FRONT

PART OF 225-8923 ENGINE AR-COMplete

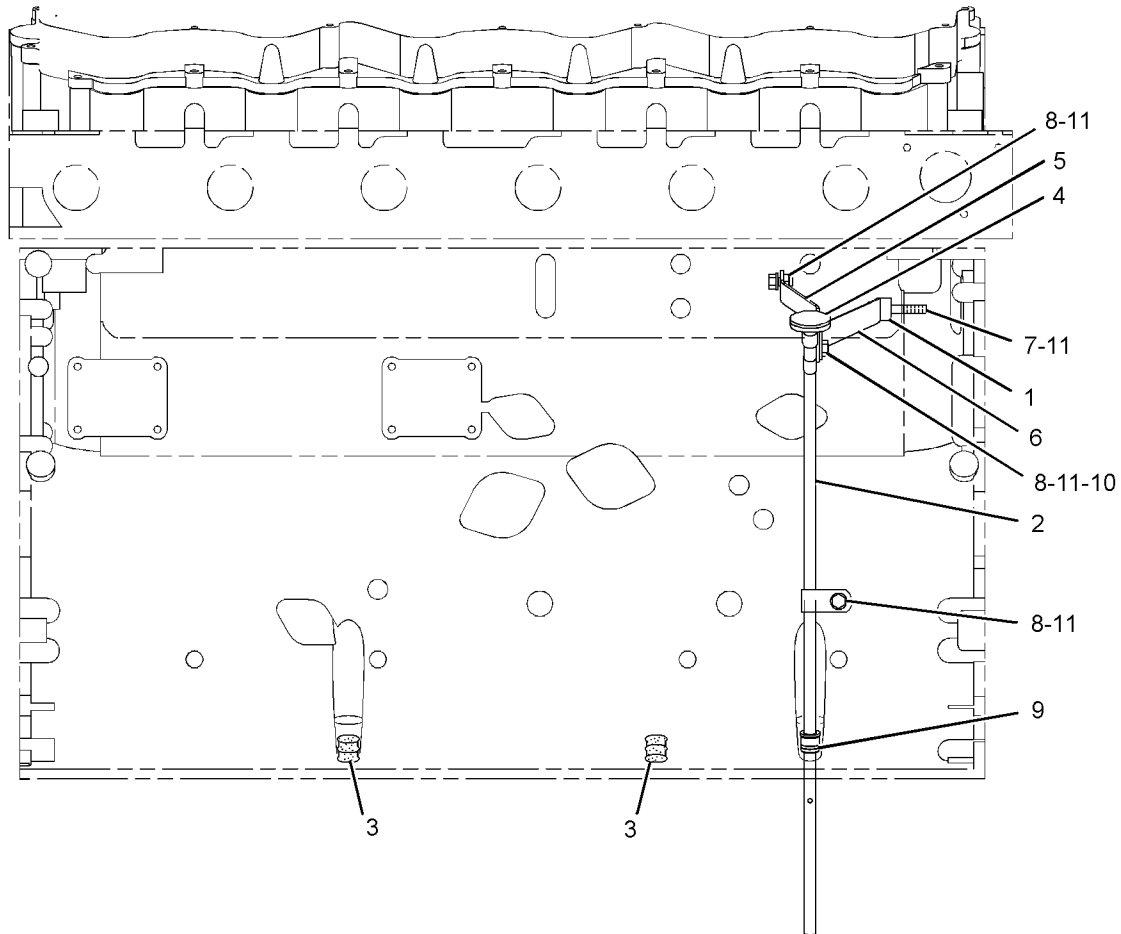
SMCS-1326

i02500387

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	4S-5719	1	SPACER (10.31X25X12.7-MM THK)	
	2	1	161-1827	1	TUBE AS	
J	3	1	165-6170	3	PLUG	
	4	1	168-6865	1	GAUGE AS-OIL LEVEL (DIPSTICK) (ENGINE OIL)	
C	5	1	279-9503	1	BRACKET AS	
		1	1F-0750	1	NUT-WELD (3/8-16-THD)	
C	6	1	279-9504	1	BRACKET AS	
		1	1F-0750	1	NUT-WELD (3/8-16-THD)	
	7	1	0L-2070	1	BOLT (3/8-16X2.25-IN)	
C	8	1	0S-0509	3	BOLT (3/8-16X0.75-IN)	
	9	1	118-5068	1	SEAL-O-RING	
	10	1	4B-0418	1	CLIP	
C	11	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5-MM THK)	

C-CHANGE FROM PREVIOUS TYPE

J-USE TO PLUG OPTIONAL DIPSTICK LOCATIONS



RIGHT SIDE VIEW OF ENGINE

GRAPHIC #1

<END>

g01338745

LUBRICATION SYSTEM

219-4443 LINES GP-ENGINE OIL

S/N: LHX1-UP

PART OF 225-8923 ENGINE AR-COMPLETE

SMCS-1307

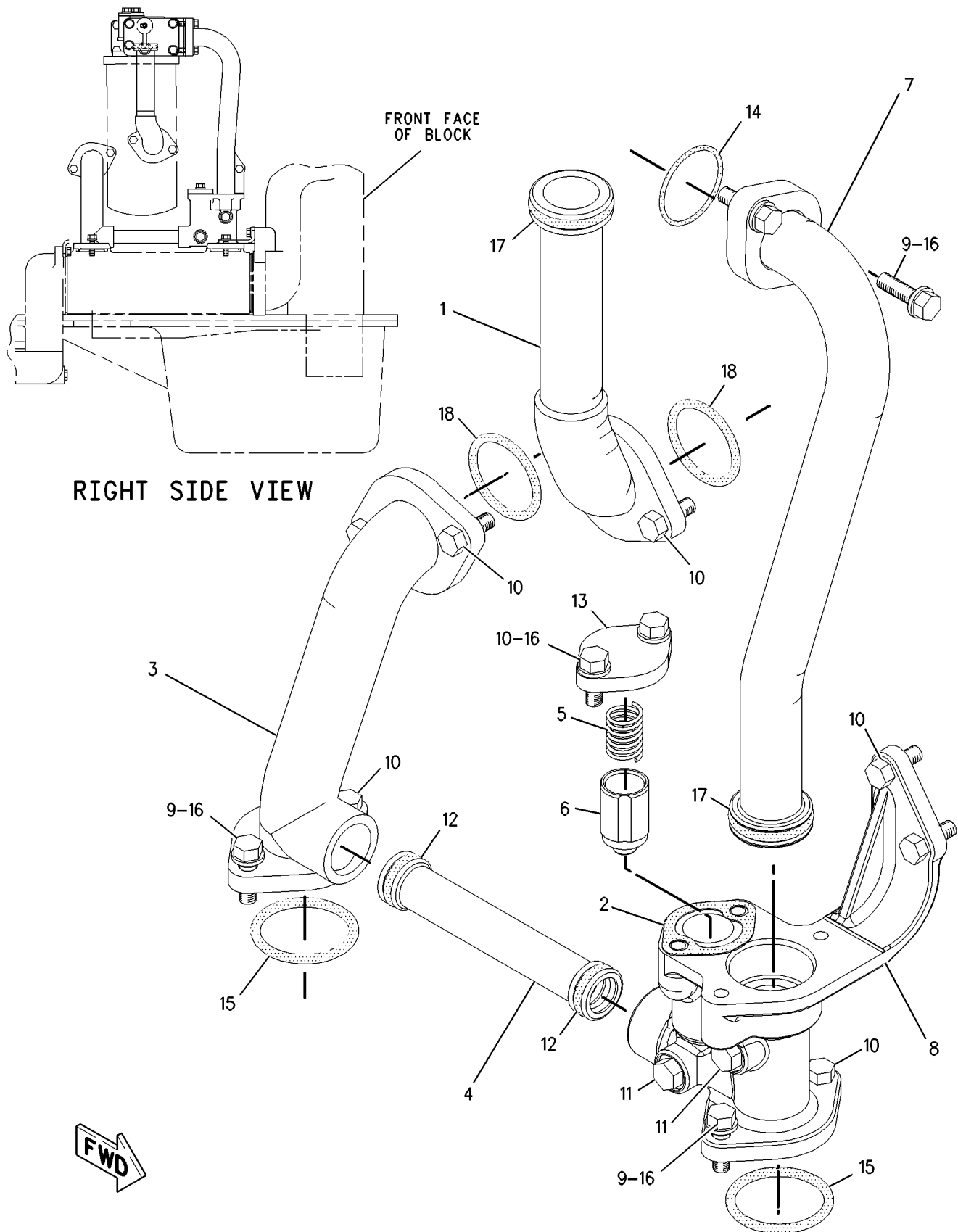
i02397915

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

LUBRICATION SYSTEM

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

i02397915



GRAPHIC #1

<END>

g01002356

LUBRICATION SYSTEM

262-9967 LINES GP-TURBOCHARGER OIL

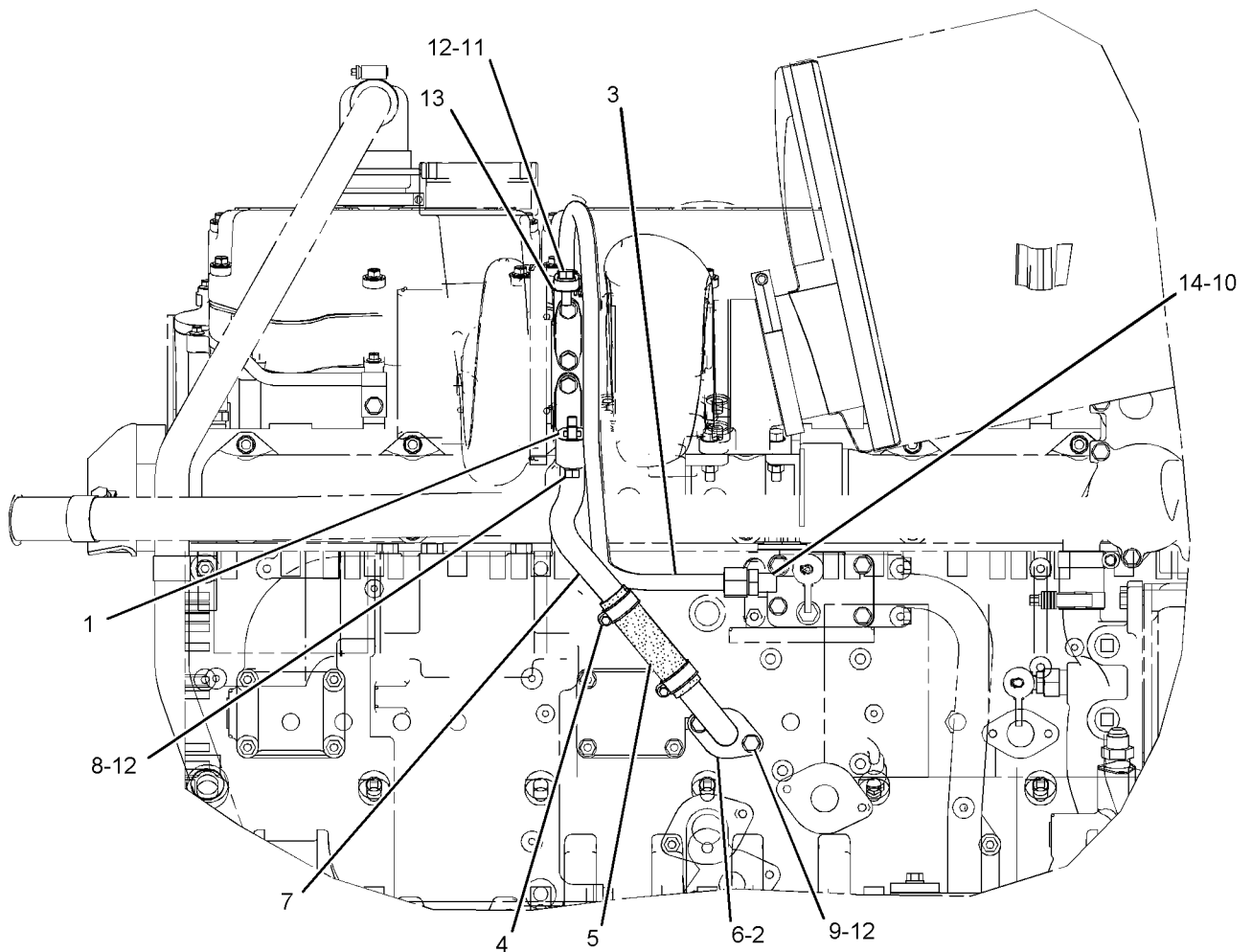
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PART OF 225-8923 ENGINE AR-COMplete

SMCS-1052, 1307

i02364723

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7N-7559	1	GASKET						
	2	1	210-9246	1	SEAL-O-RING						
	3	1	217-2610	1	TUBE AS						
	4	1	269-8788	2	CLAMP-BAND						
	5	1	246-6036	1	HOSE						
	6	1	255-0746	1	TUBE AS						
	7	1	255-0751	1	TUBE AS						
	8	1	0S-1571	2	BOLT (3/8-16X1.75-IN)						
	9	1	0S-1591	2	BOLT (3/8-16X1.5-IN)						
	10	1	136-7226	1	SEAL-O-RING						
	11	1	1A-2029	2	BOLT (3/8-16X1.125-IN)						
	12	1	5M-2894	6	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	13	1	7N-8875	1	GASKET						
	14	1	8C-6873	1	CONNECTOR						



GRAPHIC #1

<END>

g01127400

LUBRICATION SYSTEM

262-9967 LINES GP-TURBOCHARGER OIL

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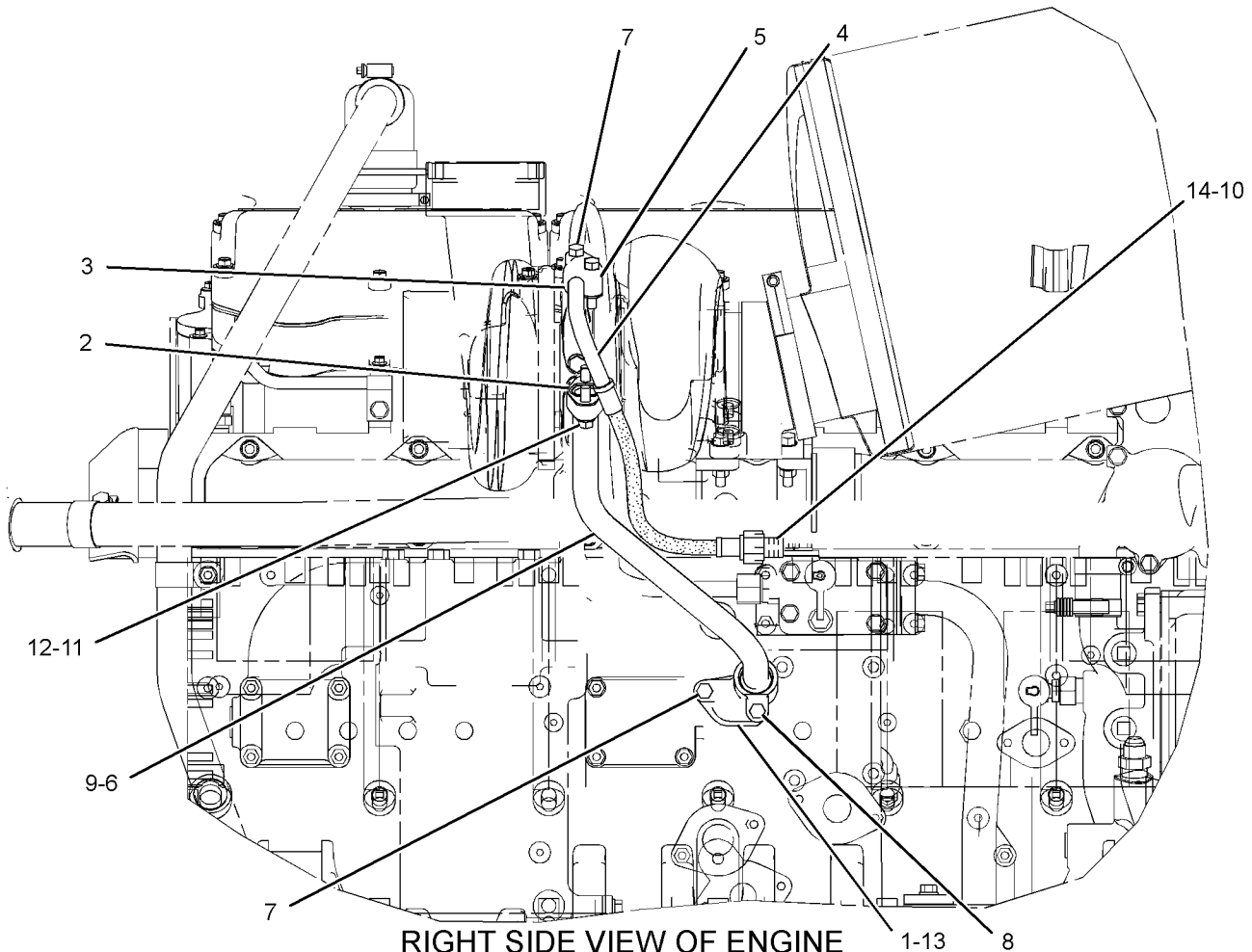
PART OF 225-8923 ENGINE AR-COMplete

SMCS-1052, 1307

i02503002

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	1	1	4N-2040	1	ELBOW-DRAIN						
C	2	1	126-2702	1	SEAL-INTEGRAL						
C	3	1	198-6068	1	SEAL-INTEGRAL						
	4	1	217-2610	1	TUBE AS						
C	5	1	236-2181	1	TUBE AS-SUPPLY						
C	6	1	236-4963	1	TUBE AS-DRAIN						
C	7	1	0S-1571	3	BOLT (3/8-16X1.75-IN)						
C	8	1	0S-1619	1	BOLT (3/8-16X3-IN)						
C	9	1	114-2687	1	SEAL-O-RING						
	10	1	136-7226	1	SEAL-O-RING						
C	11	1	3B-1915	2	BOLT (3/8-16X1.375-IN)						
C	12	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
C	13	1	6V-5266	1	SEAL-O-RING						
	14	1	8C-6873	1	CONNECTOR						

C-CHANGE FROM PREVIOUS TYPE



GRAPHIC #1

<END>

g01338779

LUBRICATION SYSTEM

262-9967 LINES GP-TURBOCHARGER OIL

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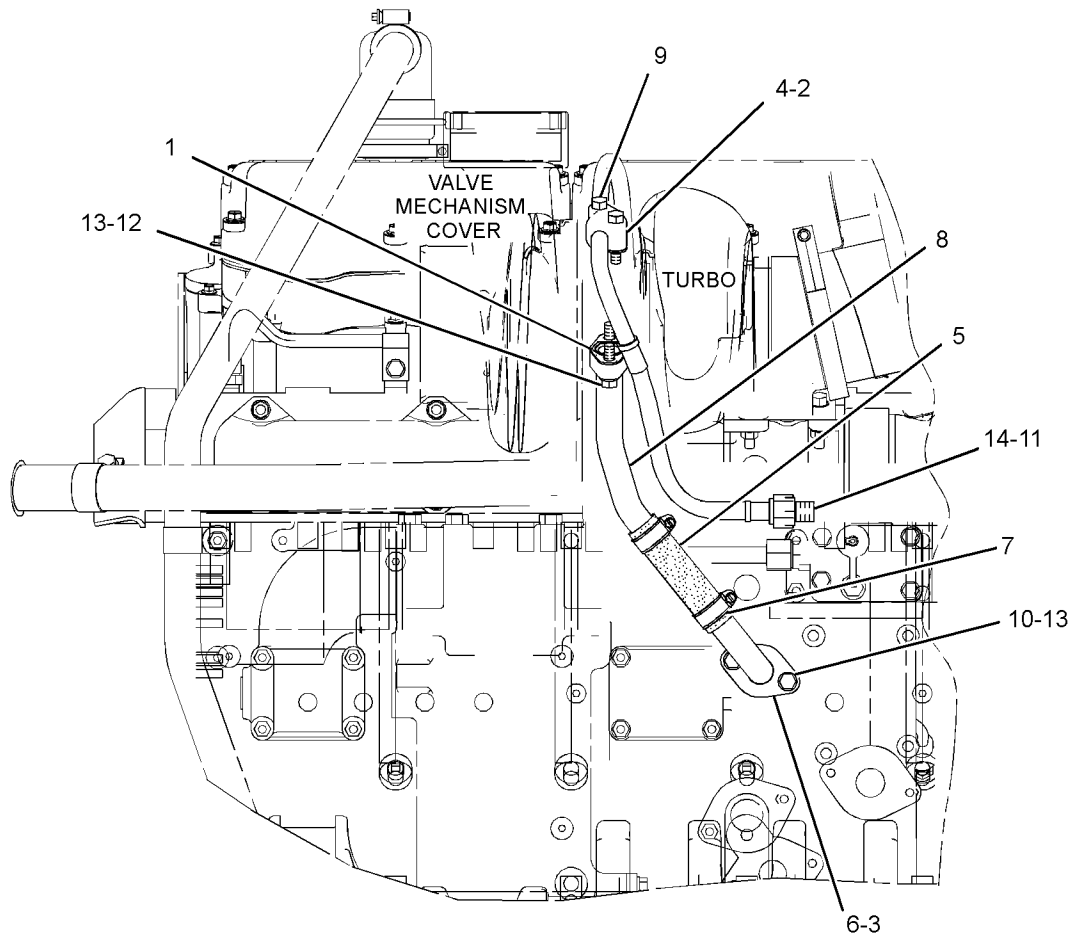
PART OF 225-8923 ENGINE AR-COMplete

SMCS-1052, 1307

i02503019

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	126-2702	1	SEAL - INTEGRAL						
	2	1	198-6068	1	SEAL - INTEGRAL						
C	3	1	210-9246	1	SEAL-O-RING						
	4	1	236-2181	1	TUBE AS-SUPPLY						
C	5	1	246-6036	1	HOSE						
C	6	1	255-0746	1	TUBE AS						
C	7	1	269-8788	2	CLAMP-BAND						
C	8	1	288-1426	1	TUBE AS-DRAIN						
C	9	1	0S-1571	2	BOLT (3/8-16X1.75-IN)						
C	10	1	0S-1591	2	BOLT (3/8-16X1.5-IN)						
	11	1	136-7226	1	SEAL-O-RING						
	12	1	3B-1915	2	BOLT (3/8-16X1.375-IN)						
C	13	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	14	1	8C-6873	1	CONNECTOR						

C-CHANGE FROM PREVIOUS TYPE



RIGHT SIDE VIEW OF ENGINE

GRAPHIC #1

<END>

g01360476

LUBRICATION SYSTEM

273-6667 LINES GP-TURBOCHARGER OIL

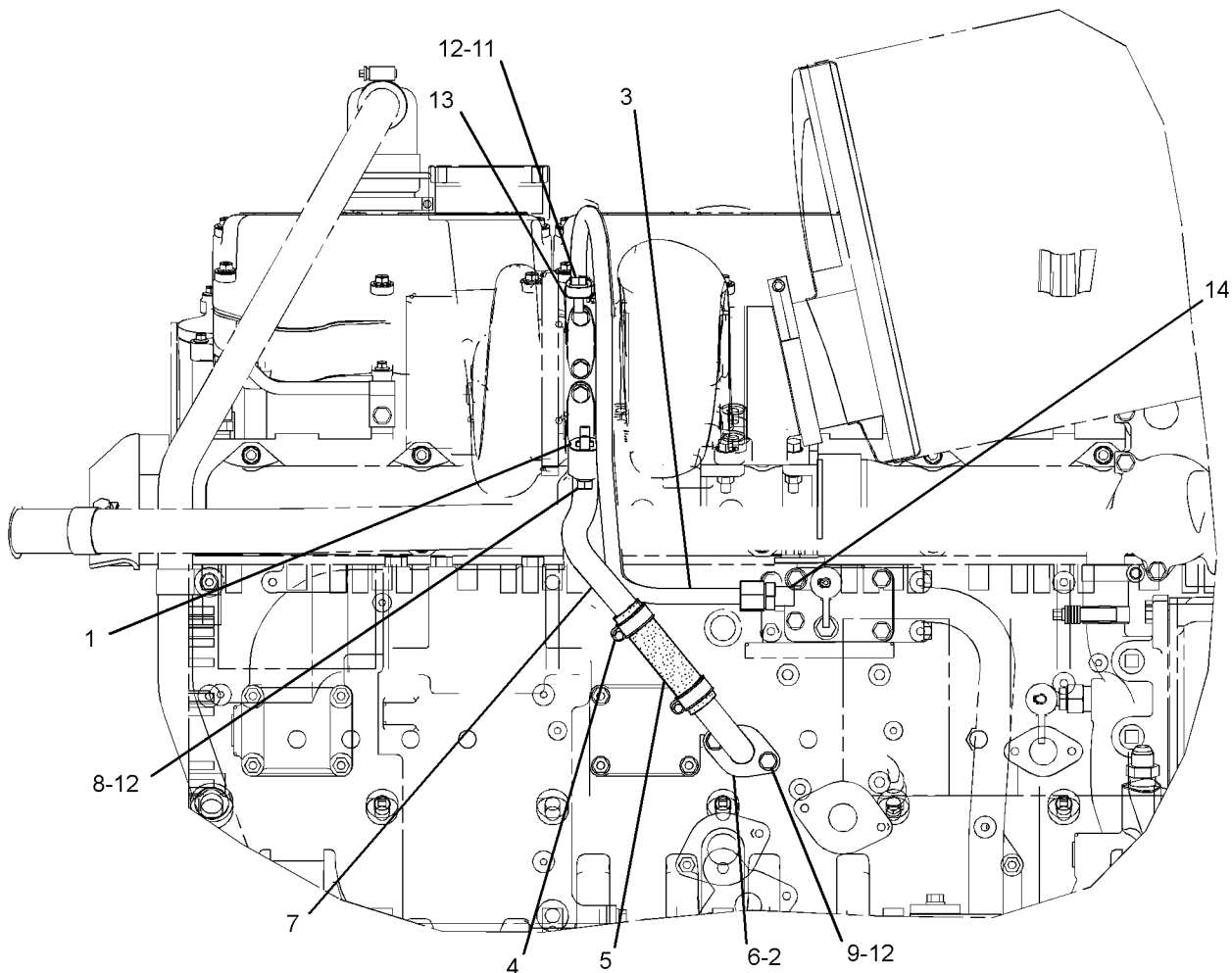
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PART OF 225-8923 ENGINE AR-COMplete

SMCS-1052, 1307

i02443206

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7N-7559	1	GASKET						
	2	1	210-9246	1	SEAL-O-RING						
	3	1	217-2610	1	TUBE AS						
	4	1	269-8788	2	CLAMP-BAND						
	5	1	246-6036	1	HOSE						
	6	1	255-0746	1	TUBE AS						
	7	1	255-0751	1	TUBE AS						
	8	1	0S-1571	2	BOLT (3/8-16X1.75-IN)						
	9	1	0S-1591	2	BOLT (3/8-16X1.5-IN)						
	11	1	1A-2029	2	BOLT (3/8-16X1.125-IN)						
	12	1	5M-2894	6	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	13	1	7N-8875	1	GASKET						
	14	1	148-8315	1	CONNECTOR AS						
		1	2M-9780	1	SEAL-O-RING						
		1	6V-8642	1	CONNECTOR						
		1	7J-9108	1	SEAL-O-RING						



GRAPHIC #1

<END>

g01220977

LUBRICATION SYSTEM

273-6667 LINES GP-TURBOCHARGER OIL

S/N: LHX4978-UP

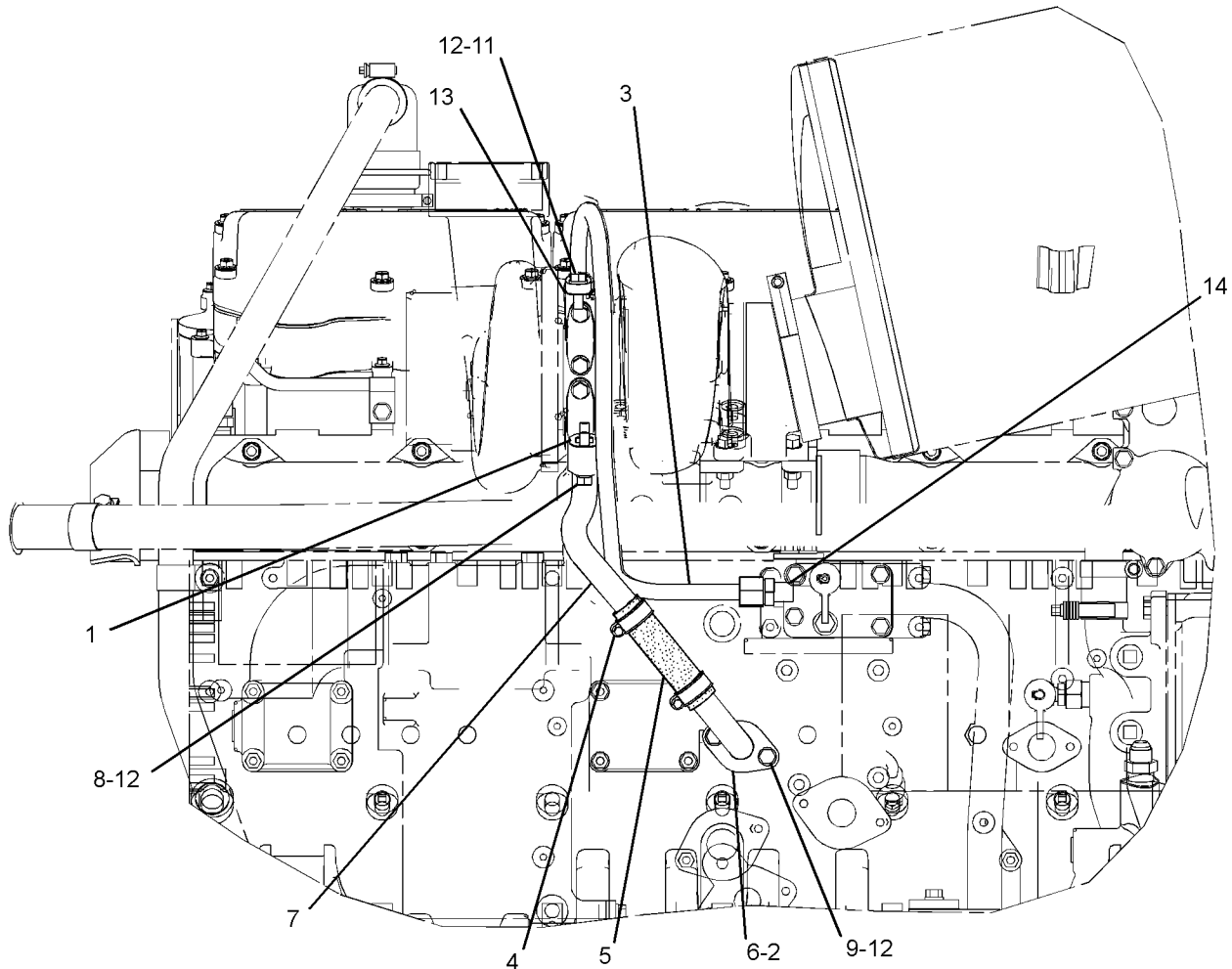
PART OF 225-8923 ENGINE AR-COMplete

SMCS-1052, 1307

i02480515

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7N-7559	1	GASKET						
	2	1	210-9246	1	SEAL-O-RING						
	3	1	217-2610	1	TUBE AS						
C	4	1	284-3502	2	CLAMP-BAND						
	5	1	246-6036	1	HOSE						
	6	1	255-0746	1	TUBE AS						
	7	1	255-0751	1	TUBE AS						
	8	1	0S-1571	2	BOLT (3/8-16X1.75-IN)						
	9	1	0S-1591	2	BOLT (3/8-16X1.5-IN)						
	11	1	1A-2029	2	BOLT (3/8-16X1.125-IN)						
	12	1	5M-2894	6	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	13	1	7N-8875	1	GASKET						
	14	1	148-8315	1	CONNECTOR AS						
		1	2M-9780	1	SEAL-O-RING						
		1	6V-8642	1	CONNECTOR						
		1	7J-9108	1	SEAL-O-RING						

C-CHANGE FROM PREVIOUS TYPE



GRAPHIC #1

<END>

g01220977

LUBRICATION SYSTEM

207-2483 OIL CHANGE GP-HIGH SPEED

S/N: ASX1-180

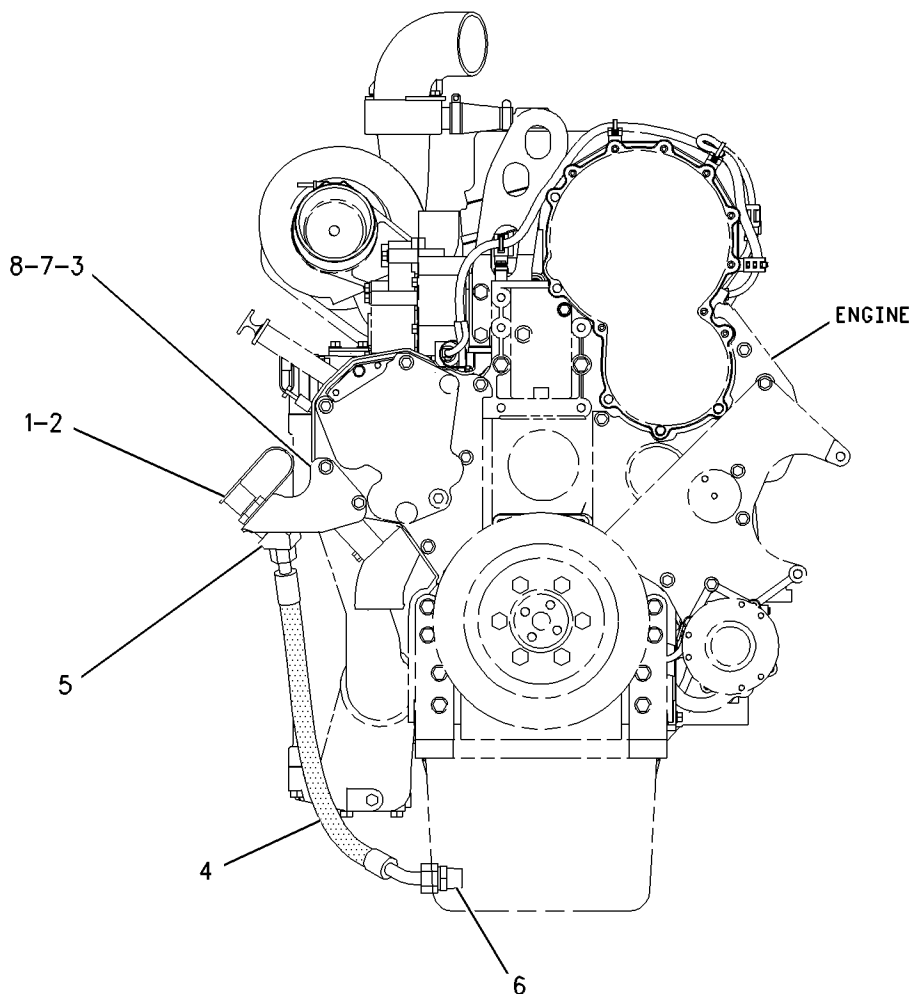
AN ATTACHMENT

SMCS-1325

i02215681

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2V-2043	1	LOCKNUT-FLARED (1-5/8-12-THD)						
	2	1	110-8827	1	FITTING AS (QUICK DISCONNECT)						
		1	110-8826	1	CAP-DUST						
	3	1	263-5403	1	BRACKET						
I	4	1	207-1330	1	HOSE AS						
	5	1	150-4049	1	ELBOW AS						
		1	6V-9746	1	SEAL-O-RING						
		1	7M-8485	1	SEAL-O-RING						
		1	8T-4149	1	ELBOW						
6		1	153-6247	1	CONNECTOR AS						
		1	5K-9090	1	SEAL-O-RING						
		1	8C-6875	1	CONNECTOR						
7		1	5P-1075	2	WASHER-HARD (10.2X22.5X3-MM THK)						
8		1	7X-0293	2	BOLT (3/8-16X4.75-IN)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM



GRAPHIC #1

<END>

g00845059

LUBRICATION SYSTEM

207-2483 OIL CHANGE GP-HIGH SPEED

S/N: ASX181-UP

AN ATTACHMENT

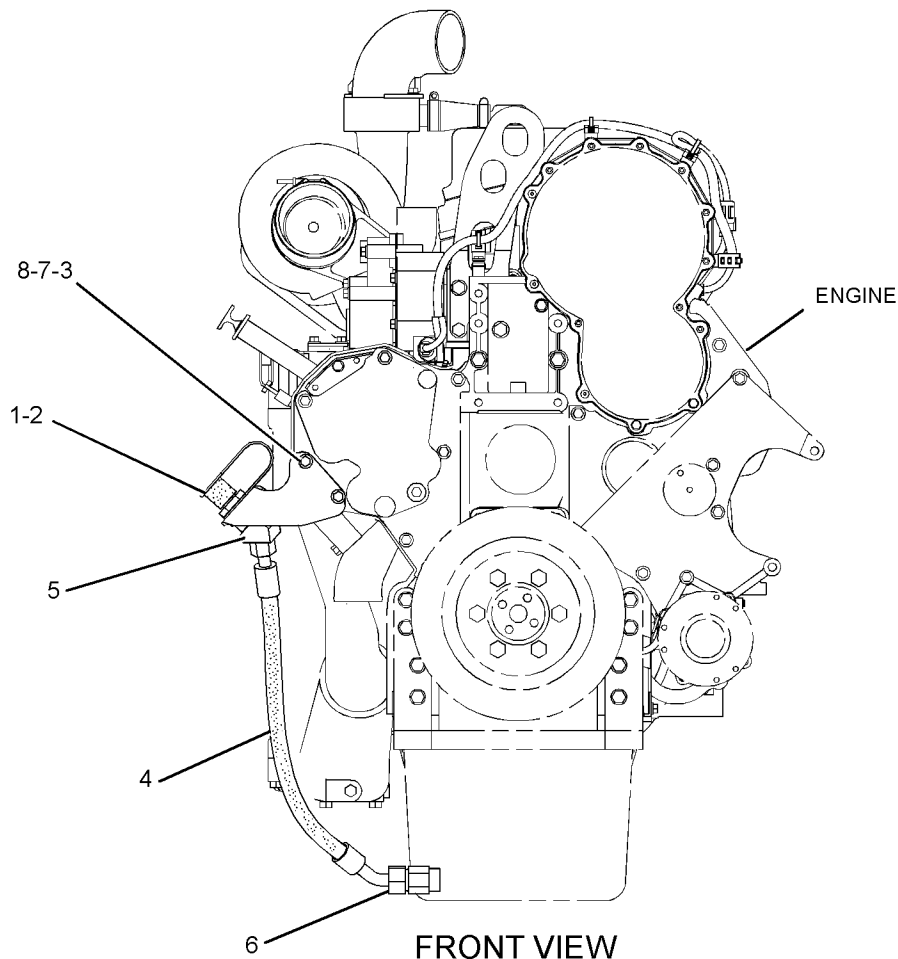
SMCS-1325

i02463247

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2V-2043	1	LOCKNUT-FLARED (1-5/8-12-THD)						
	2	1	110-8827	1	FITTING AS (QUICK DISCONNECT)						
		1	110-8826	1	CAP-DUST						
	3	1	263-5403	1	BRACKET						
I	4	1	207-1330	1	HOSE AS						
	5	1	150-4049	1	ELBOW AS						
		1	6V-9746	1	SEAL-O-RING						
		1	7M-8485	1	SEAL-O-RING						
		1	8T-4149	1	ELBOW						
C	6	1	164-5594	1	CONNECTOR AS						
		1	5K-9090	1	SEAL-O-RING						
		1	7M-8485	1	SEAL-O-RING						
		1	8C-5723	1	CONNECTOR						
	7	1	5P-1075	2	WASHER-HARD (10.2X22.5X3-MM THK)						
	8	1	7X-0293	2	BOLT (3/8-16X4.75-IN)						

C- CHANGE FROM PREVIOUS TYPE

I- REFER TO HYDRAULIC INFORMATION SYSTEM



GRAPHIC #1

<END>

g01260352

LUBRICATION SYSTEM

161-4113 PUMP GP-ENGINE OIL*R

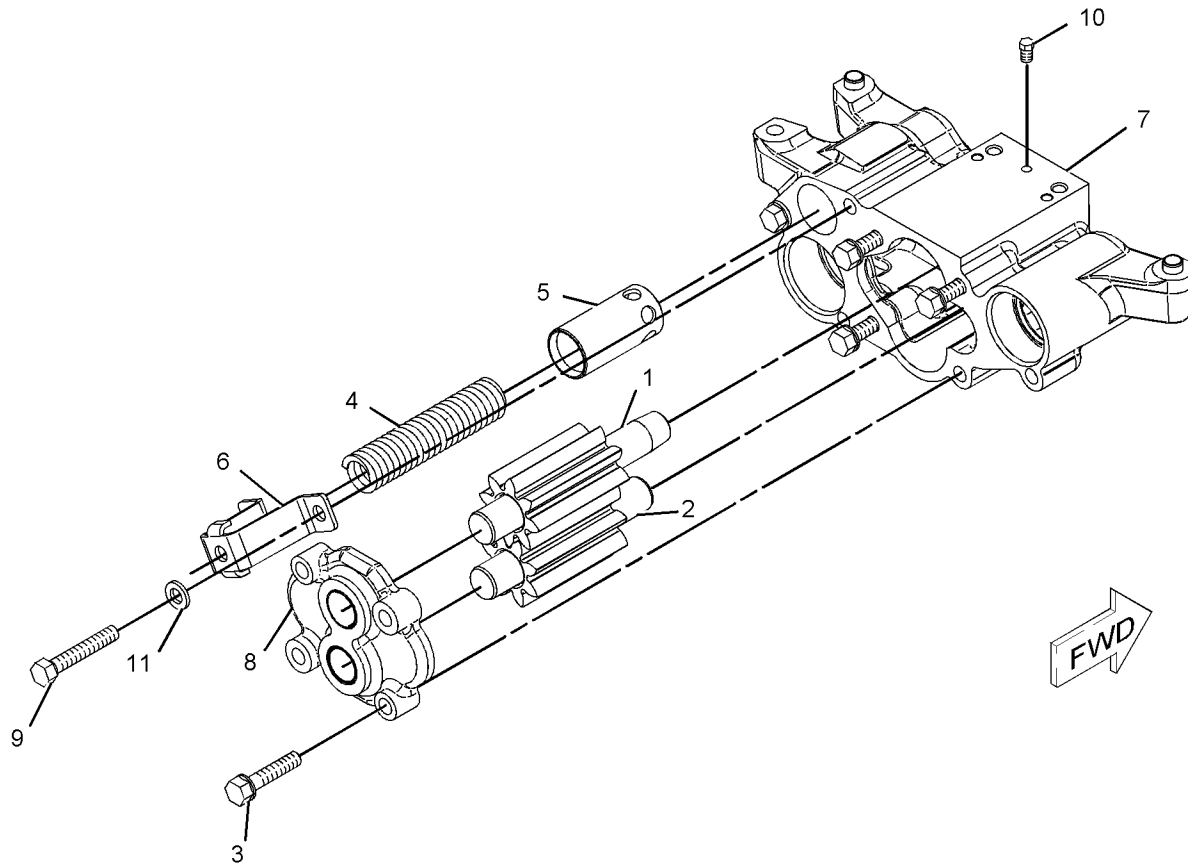
S/N: LHX1-UP

PART OF 225-8923 ENGINE AR-COMplete

SMCS-1304, 1315

i02086285

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



GRAPHIC #1

<END>

g01066948

LUBRICATION SYSTEM

263-7357 VALVE GP - FLUID SAMPLING--FUEL, AIR PURGE

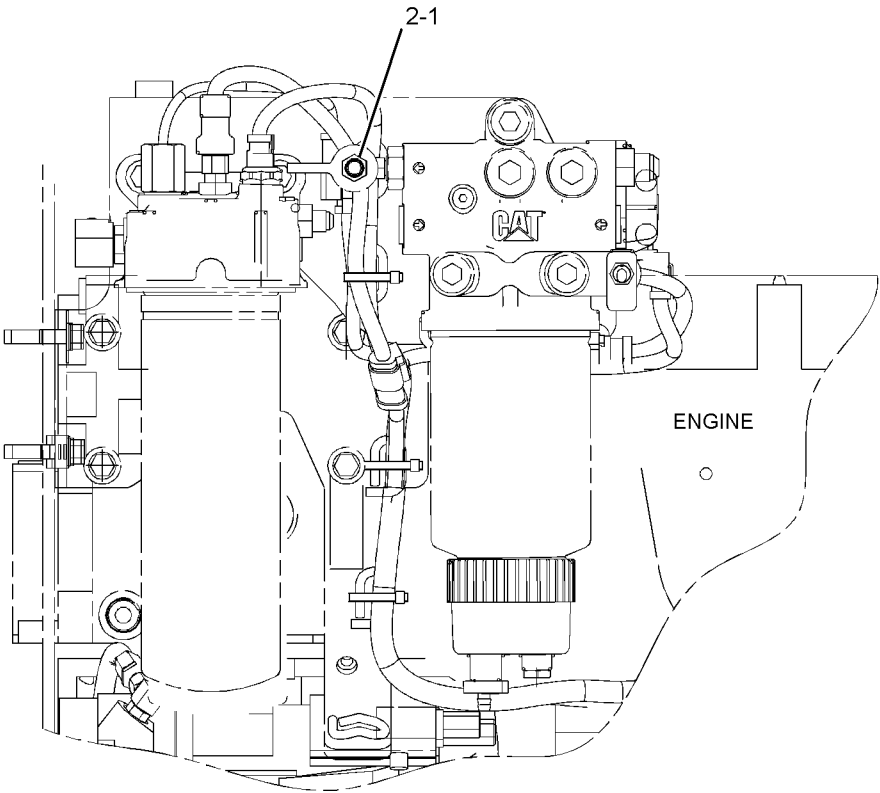
S/N: ASX1-174

PART OF 226-9641 INSTALLATION AR-ENGINE

SMCS-7542

i02279575

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



LEFT SIDE VIEW

GRAPHIC #1

<END>

g01141919

COOLING SYSTEM

226-0953 FAN GP-SUCTION

S/N: ASX1-UP

PART OF 226-9594, 300-6281 CHASSIS AR

SMCS-1356

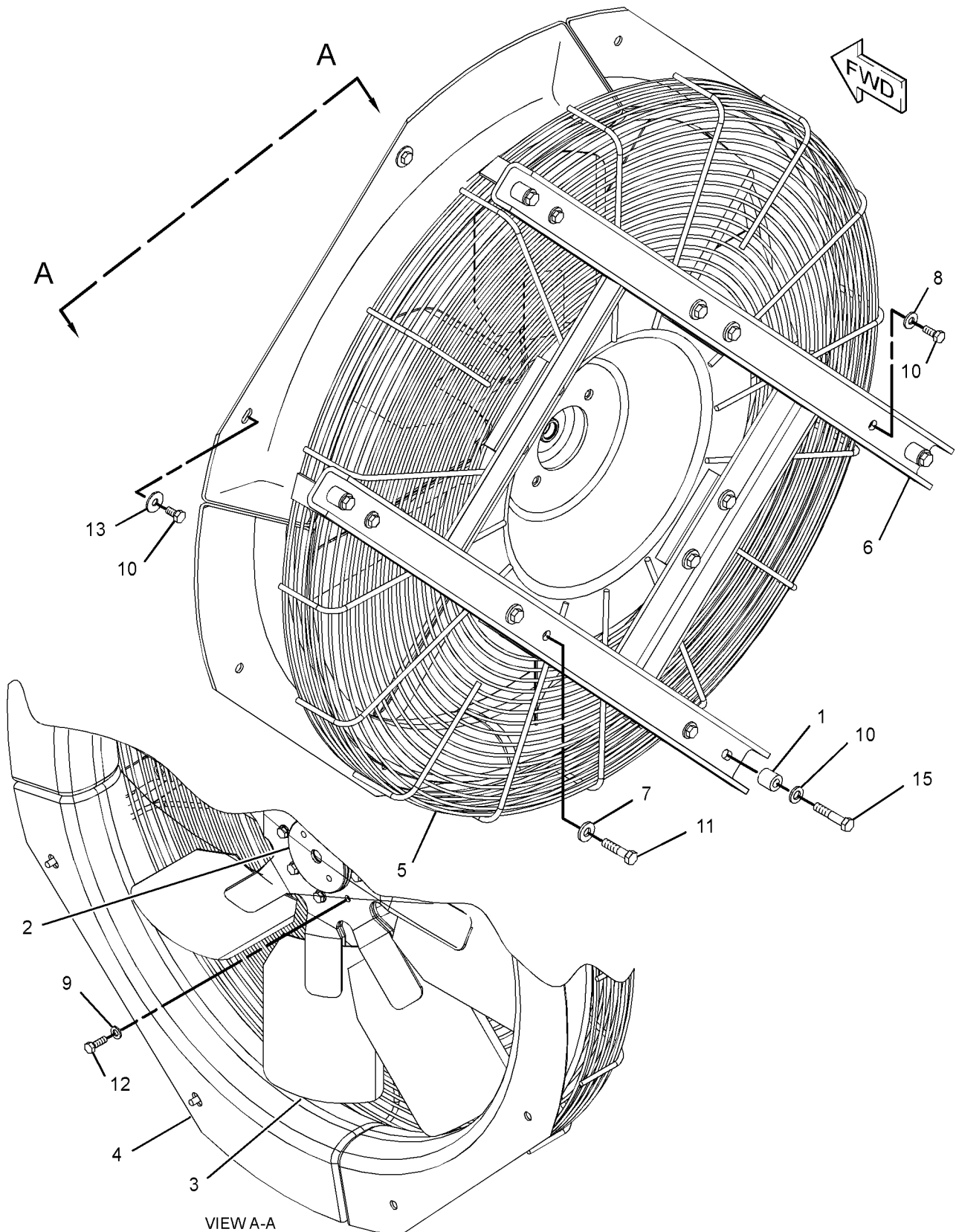
i02758317

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	146-5067	8	SPACER (13X30X22.2-MM THK)	
	2	1	137-4238	1	ADAPTER	
	3	1	175-4249	1	SPIDER AS-FAN (8-BLADE)	
	4	1	196-5373	1	SHROUD AS	
	5	1	205-8250	1	GUARD AS-FAN	
M		1	8T-3597	10	NUT-WELD (M12X1.75-THD)	
	6	1	226-0943	1	SUPPORT AS	
M		1	8T-3490	4	NUT-WELD (M10X1.5-THD)	
	7	1	5P-1076	8	WASHER-HARD (13.5X30X4-MM THK)	
	8	1	7X-7729	8	WASHER (11X25X3-MM THK)	
	9	1	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)	
M	10	1	8T-4136	12	BOLT (M10X1.5X25-MM)	
M	11	1	8T-4194	8	BOLT (M12X1.75X50-MM)	
M	12	1	8T-4195	8	BOLT (M10X1.5X30-MM)	
	13	1	8T-4222	4	WASHER-PLATED (11X32X2.5-MM THK)	
M	15	1	8T-4910	8	BOLT (M12X1.75X60-MM)	
M-METRIC PART						

COOLING SYSTEM

226-0953 FAN GP-SUCTION (contd.)

i02758317



GRAPHIC #1

<END>

g01381164

COOLING SYSTEM

109-2373 FASTENER GP-WATER PUMP

S/N: LHX1-UP

FOR USE WHEN ALTERNATOR MOUNTING BRACKET IS NOT INSTALLED

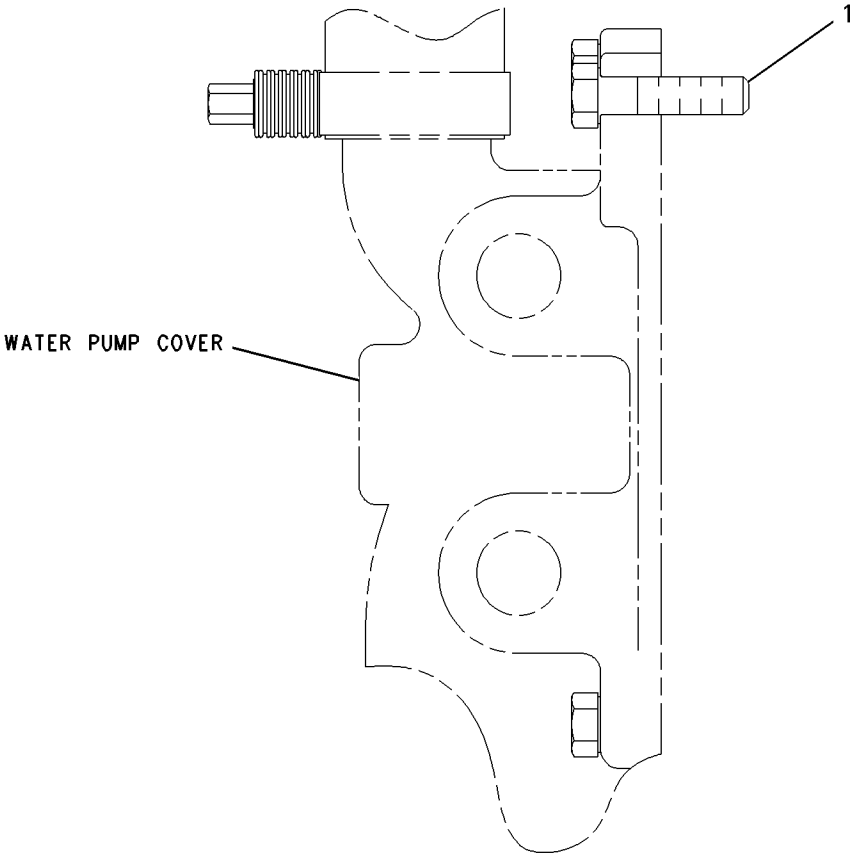
PART OF 225-8923 ENGINE AR-COMplete

CANNOT BE USED WITH RH FRONT OIL GUIDE

SMCS-1361

i02332393

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



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g00832155

COOLING SYSTEM

214-9045 LINES GP-WATER-ENGINE

S/N: LHX1-UP

PART OF 225-8923 ENGINE AR-COMPLETE

SMCS-1380

i02763820

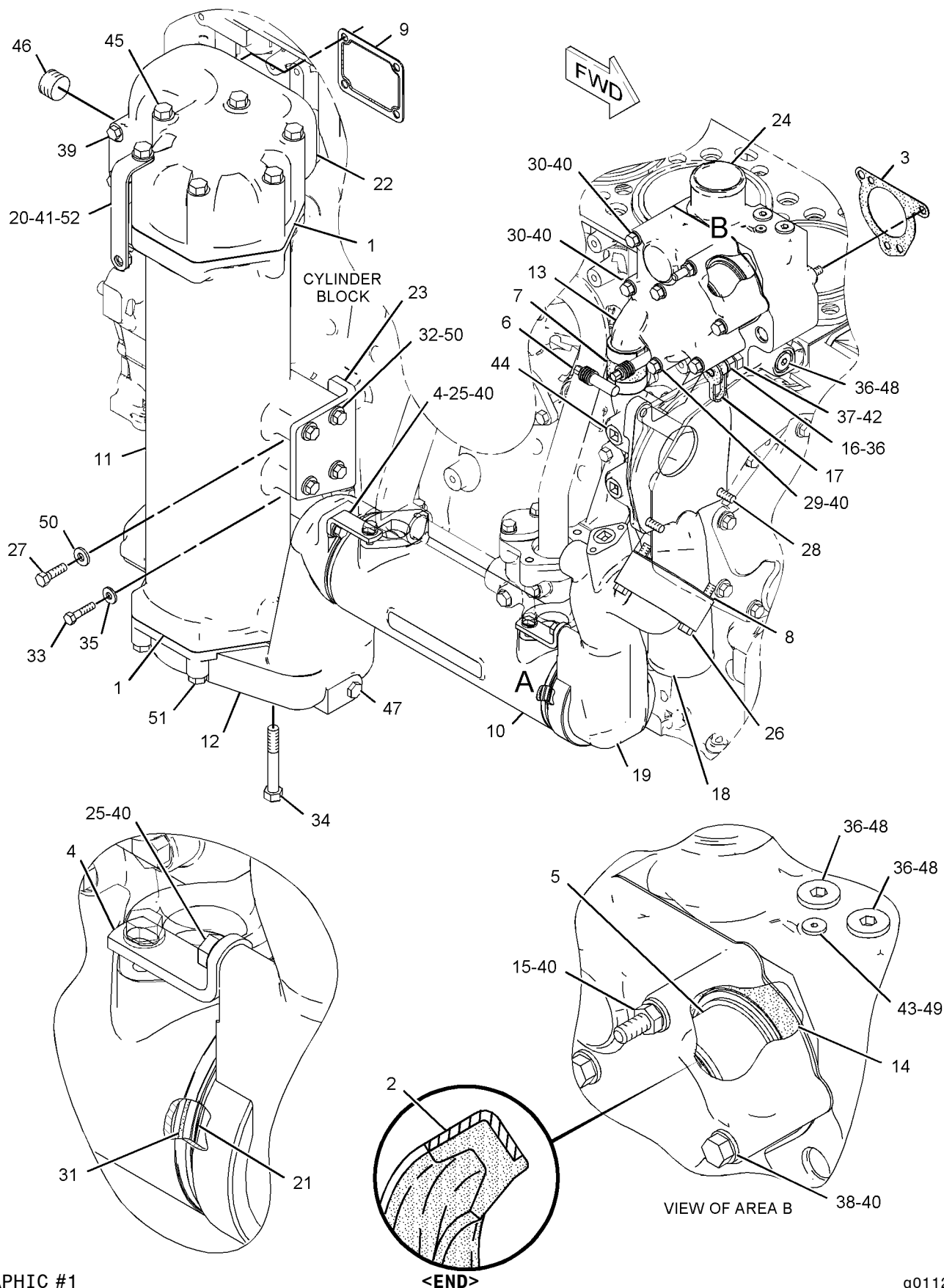
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2S-0795	2	GASKET						
	2	1	3S-9643	2	SEAL-LIP TYPE (WATER TEMPERATURE REGULATOR)						
	3	1	4N-1156	1	GASKET-REGULATOR COVER						
	4	1	4N-1199	2	CLIP						
	5	1	248-5513	2	REGULATOR-WATER TEMPERATURE (92-DEG C) (COOLANT)						
	6	1	8T-4983	2	CLAMP-HOSE						
	7	1	9Y-4104	1	HOSE						
	8	1	125-0434	1	SEAL-INTEGRAL						
	9	1	126-4935	1	SEAL-INTEGRAL						
R	10	1	133-0125	1	CORE AS-ENGINE OIL COOLER						
	11	1	135-5577	1	CORE AS-POWER TRAIN OIL COOLER						
	12	1	135-7076	1	BONNET-INLET						
	13	1	137-7331	1	HOUSING-REGULATOR						
	14	1	139-3550	1	GASKET-REGULATOR (HOUSING)						
	15	1	143-9393	1	STUD						
	16	1	154-9023	1	VALVE-SAMPLING (COOLANT)						
	17	1	157-0670	1	CAP-DUST						
	18	1	161-3565	1	COVER-WATER PUMP						
	19	1	170-4673	1	BONNET-INLET						
	20	1	173-1583	1	BRACKET AS						
	21	1	187-6237	1	ADAPTER						
	22	1	205-9293	1	BONNET						
	23	1	235-8159	1	BRACKET AS						
	24	1	239-6304	1	MANIFOLD-HOUSING						
	25	1	0L-1351	2	BOLT (3/8-16X0.875-IN)						
	26	1	0L-2070	2	BOLT (3/8-16X2.25-IN)						
	27	1	0S-1588	1	BOLT (3/8-16X1.25-IN)						
	28	1	0S-1591	3	BOLT (3/8-16X1.5-IN)						
	29	1	0S-1608	1	BOLT (3/8-16X3.75-IN)						
	30	1	0T-0065	2	BOLT (3/8-16X3.5-IN)						
	31	1	109-0077	3	SEAL-O-RING						
	32	1	1A-2029	4	BOLT (3/8-16X1.125-IN)						
	33	1	1B-2790	1	BOLT (5/16-18X1.375-IN)						
	34	1	1D-4566	4	BOLT (1/2-13X3.5-IN)						
	35	1	3E-4352	1	WASHER-HARD (8.8X20.5X2.5-MM THK)						
	36	1	3K-0360	4	SEAL-O-RING						
	37	1	3P-1932	1	ADAPTER						
	38	1	4F-0411	3	BOLT (3/8-16X6.5-IN)						
	39	1	5B-2638	4	BOLT (3/8-16X5.25-IN)						
	40	1	5M-2894	9	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	41	1	5P-8245	1	WASHER-HARD (13.5X25.5X3-MM THK)						
	42	1	6V-9027	1	SEAL-O-RING						
	43	1	3J-7354	1	SEAL-O-RING						
	44	1	7X-7731	4	PLUG-PIPE						
	45	1	8S-9089	5	BOLT (1/2-13X4.5-IN)						
	46	1	8T-6761	1	PLUG-PIPE						
	47	1	8T-6767	1	PLUG-PIPE						
	48	1	9S-8005	3	PLUG-O-RING						
	49	1	9S-8002	1	PLUG-O-RING						
	50	1	9X-6458	5	WASHER-HARD (10.2X22.5X3-MM THK)						
	51	1	9X-8873	2	BOLT (1/2-13X2.25-IN)						
	52	1	9X-8876	1	BOLT (1/2-13X4.75-IN)						

R-REMFG PART MAY BE AVAILABLE

COOLING SYSTEM

214-9045 LINES GP-WATER (contd.)

i02763820



GRAPHIC #1

g01122974

COOLING SYSTEM

228-7501 LINES GP-WATER-RADIATOR

S/N: ASX1-UP

PART OF 226-9594, 300-6281 CHASSIS AR

SMCS-1380

i02761706

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1P-4278	3	CLAMP-HOSE	
E	2	1,2	5P-1265		HOSE (17.9-CM EACH)	
	3	1	2S-3440	4	CLAMP-HOSE	
	4	1	2V-4869	2	FITTING	
E	5	1	5P-1262		HOSE (17.9-CM)	
	6	1	6L-8617	1	CAP-PRESSURE (7-PSI) (RADIATOR)	
	7	1	6R-5794	2	WASHER	
	8	1	7K-1181	4	STRAP-CABLE	
	9	1	9Y-9236	1	GAUGE-SIGHT	
	10	1	061-7208	1	CLAMP-TUBE	
	11	1	128-8678	1	SPACER (10.5X25X15-MM THK)	
	12	1	135-6928	1	ANGLE	
	13	2	154-5232	1	ADAPTER AS	
	14	2	161-0018	1	HOSE	
	15	2	187-8643	1	TUBE	
	16	1	188-2773	1	TANK AS-EXPANSION	
I	17	2	192-4627	1	HOSE AS	
I	18	2	156-2604	1	HOSE AS	
Y	19	2	192-7430	1	VALVE GP-RADIATOR DRAIN	124
I	20	2	192-7431	1	HOSE AS	
	21	1	200-3017	1	BRACKET AS	
	22	1,2	209-4573	3	CLAMP-V BAND	
	23	1,2	209-4580	4	CLAMP	
I	24	2	209-7710	1	HOSE AS	
	25	2	228-4191	1	TUBE AS	
	26	1	164-6875	2	ELBOW AS	
					(EACH INCLUDES)	
		1	3J-7354	1	SEAL-O-RING	
		1	030-7946	1	ELBOW	
	27	2	148-8316	1	CONNECTOR AS	
		2	6V-8647	1	CONNECTOR	
		2	3J-7354	1	SEAL-O-RING	
		2	4J-5477	1	SEAL-O-RING	
	28	1	148-8351	1	ELBOW AS	
		1	6V-9849	1	ELBOW	
		1	4J-5477	1	SEAL-O-RING	
	29	2	148-8364	1	ELBOW AS	
		2	6V-8625	1	ELBOW	
		2	3K-0360	1	SEAL-O-RING	
		2	6V-8398	1	SEAL-O-RING	
	30	2	150-4029	1	TEE AS	
		2	6V-8780	1	TEE-FACE SEAL	
		2	3J-7354	1	SEAL-O-RING	
		2	4J-5477	2	SEAL-O-RING	
	31	2	165-4925	1	ELBOW AS	
		2	6V-8398	1	SEAL-O-RING	
		2	2T-2171	1	ELBOW	
	32	2	216-4983	1	CLAMP	
	33	2	3S-8665	4	CLIP	
	34	1	4D-7388	2	CLIP	
	35	1	5C-6565	2	BOLT (1/2-13X1.125-IN)	
	36	1	5P-1076	2	WASHER-HARD (13.5X30X4-MM THK)	
	37	2	5P-6264	1	GROMMET	
	38	1	7M-8485	1	SEAL-O-RING	
	39	1	7X-7729	4	WASHER (11X25X3-MM THK)	
	40	1,2	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)	

COOLING SYSTEM

228-7501 LINES GP-WATER (contd.)

i02761706

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	41	2	8T-4136	2	BOLT (M10X1.5X25-MM)						
M	42	1, 2	8T-4137	5	BOLT (M10X1.5X20-MM)						
M	43	1	8T-4186	1	BOLT (M10X1.5X40-MM)						
M	44	1	8T-4192	1	BOLT (M12X1.75X25-MM)						
M	45	1	8T-4195	4	BOLT (M10X1.5X30-MM)						
	46	1	8T-4223	1	WASHER-HARD (13.5X25.5X3-MM THK)						
E	47	2	146-7453		HOSE (124-CM)						
E	48	2	7Y-1976		HOSE-WATER (172-CM)						

E-ORDER BY THE CENTIMETER

I-REFER TO HYDRAULIC INFORMATION SYSTEM

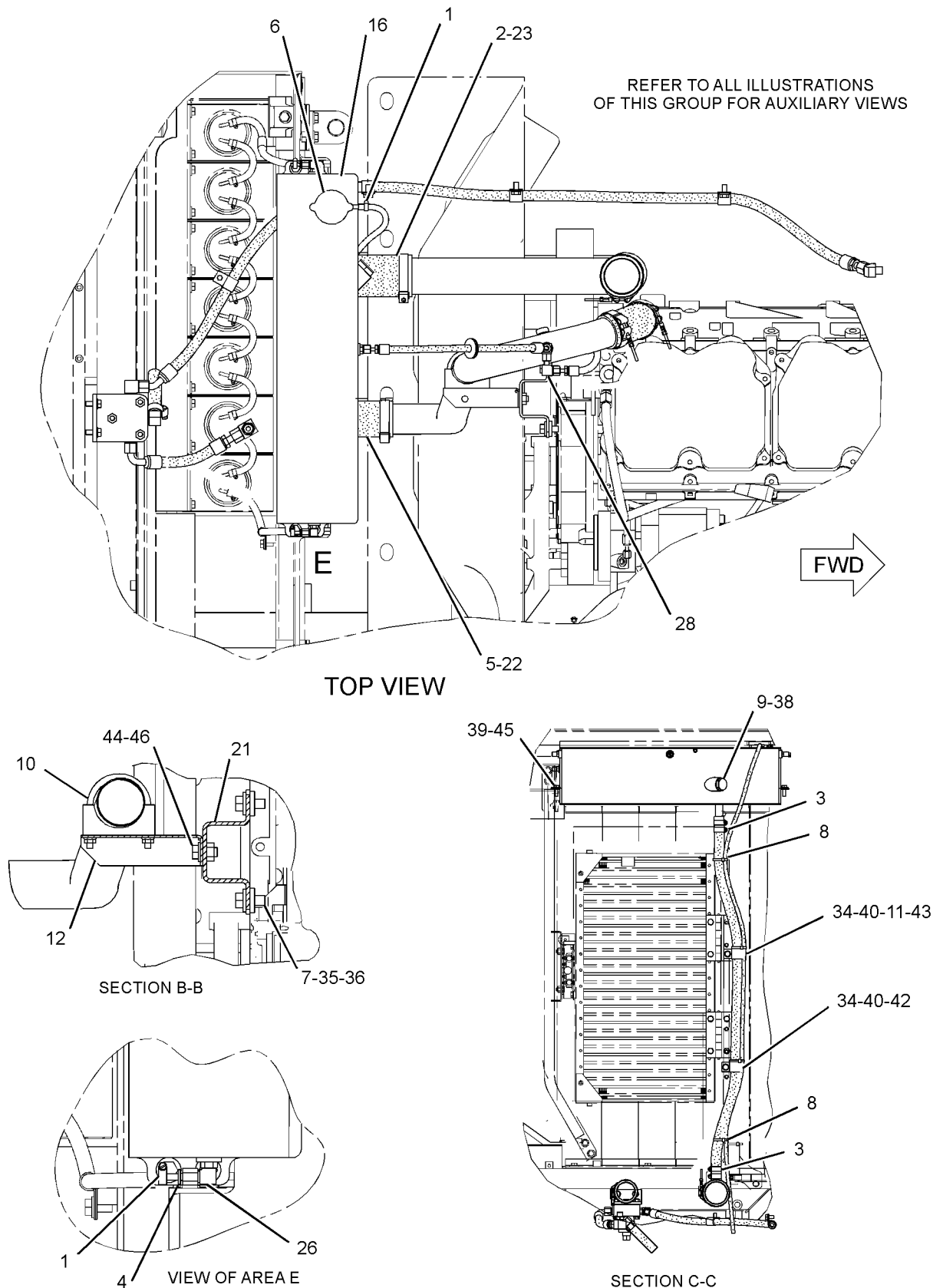
M-METRIC PART

Y-SEPARATE ILLUSTRATION

COOLING SYSTEM

228-7501 LINES GP-WATER (contd.)

i02761706



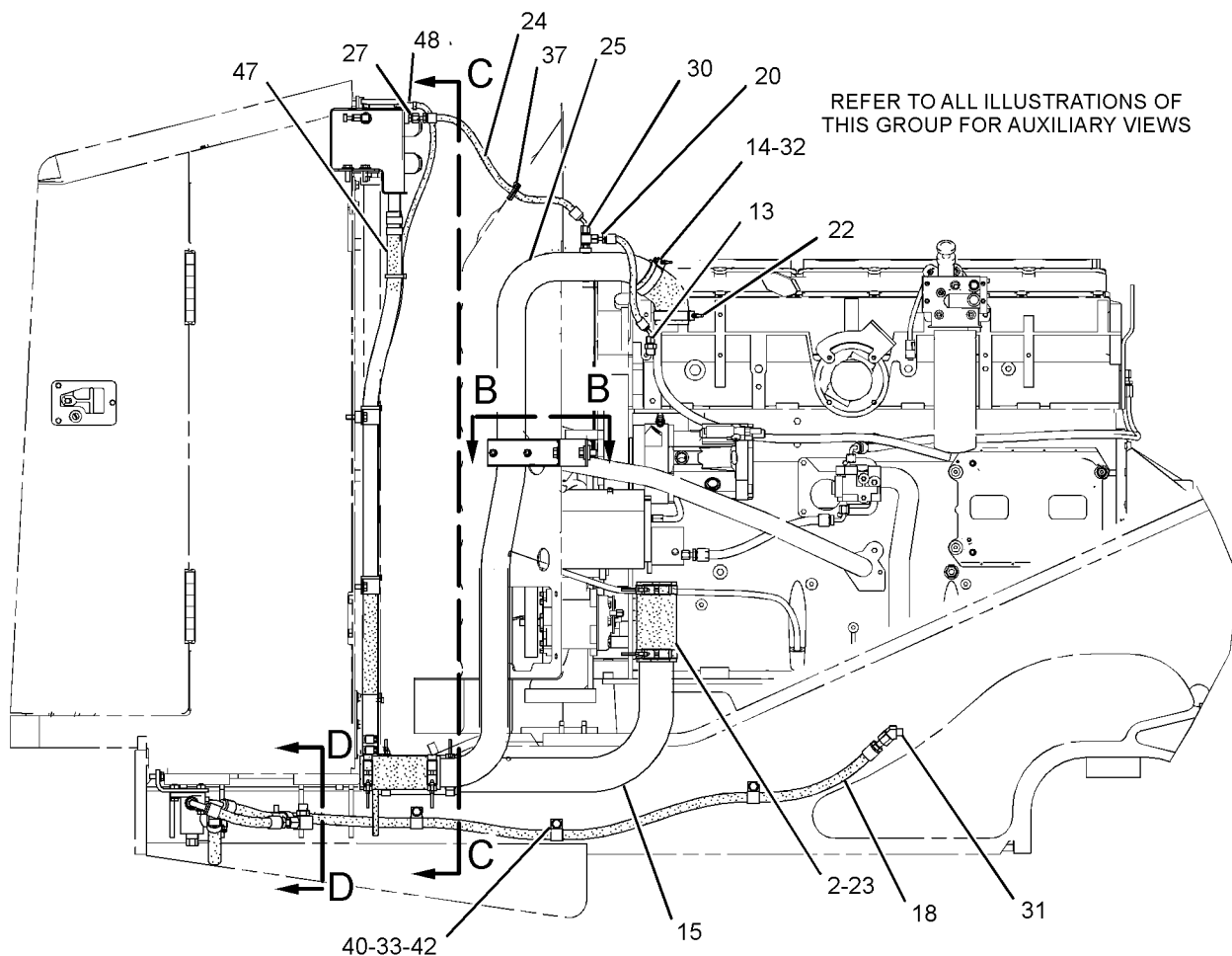
GRAPHIC #1

g01173018

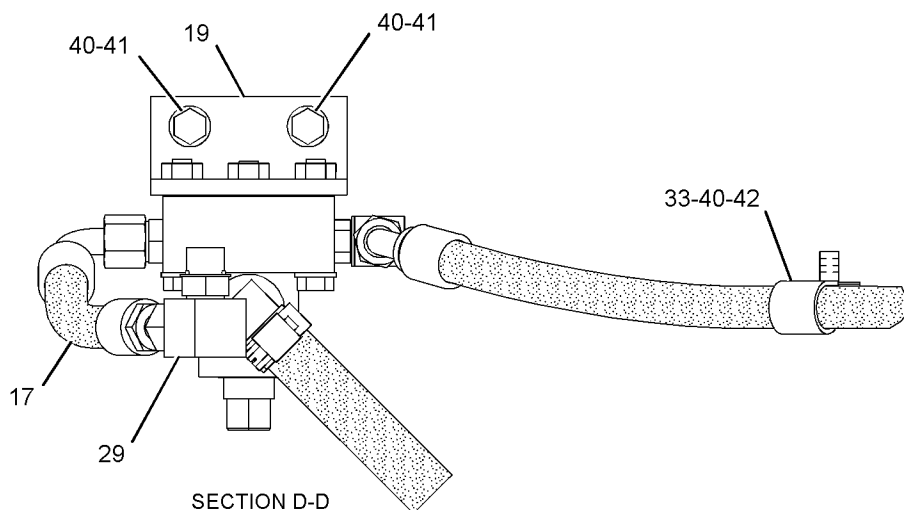
COOLING SYSTEM

228-7501 LINES GP-WATER (contd.)

i02761706



RIGHT SIDE VIEW



SECTION D-D

GRAPHIC #2

<END>

g01173019

COOLING SYSTEM

233 - 1510 LINES GP - WATER-TURBOCHARGER

S/N: ASX1-224

PART OF 226-9641 INSTALLATION AR-ENGINE

SMCS-1380

i02342206

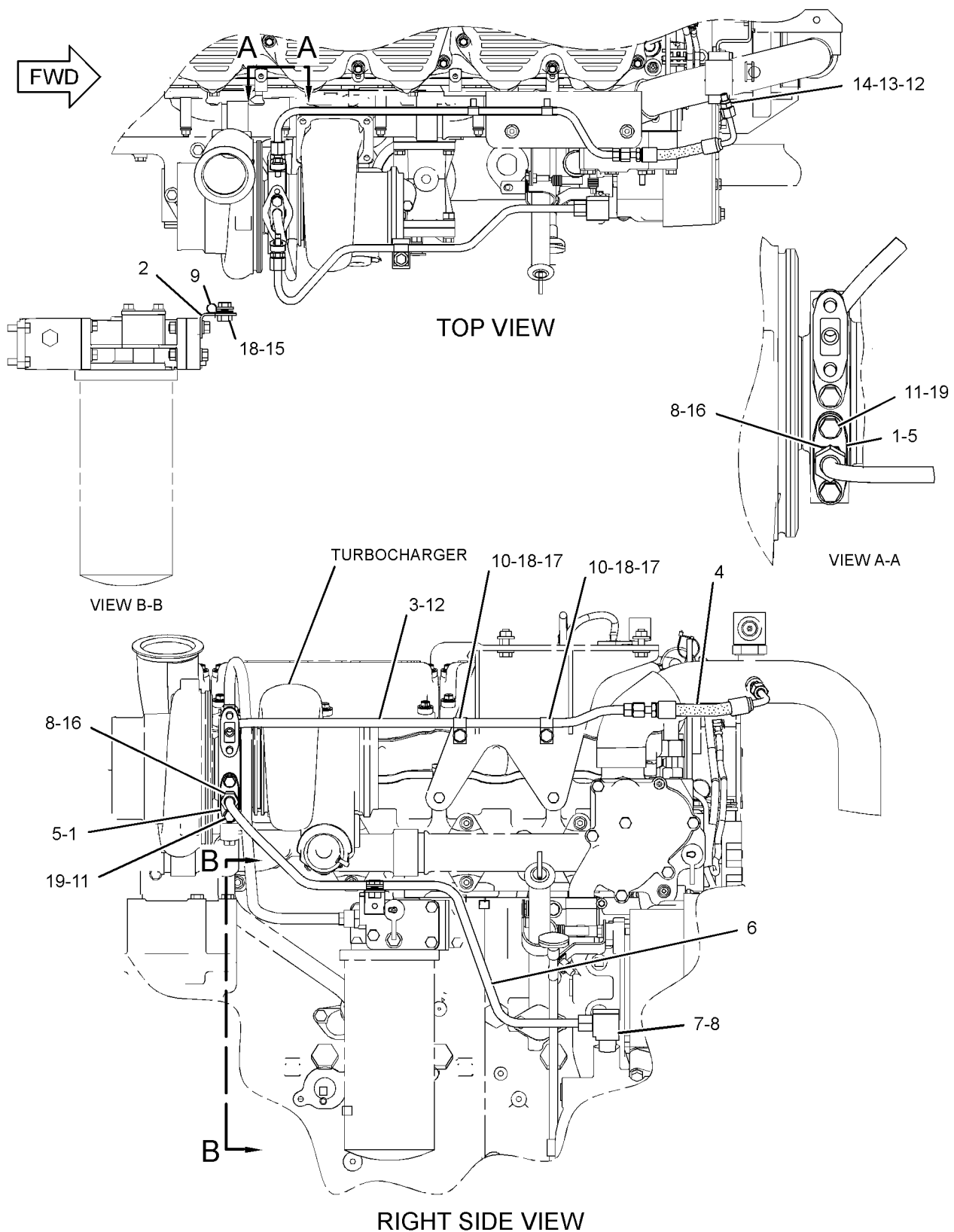
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	178-2500	2	FLANGE						
	2	1	233-1507	1	BRACKET AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	3	1	233-1513	1	TUBE AS						
I	4	1	233-1514	1	HOSE AS						
	5	1	241-3283	2	GASKET						
	6	1	260-1579	1	TUBE AS						
	7	1	122-8905	1	ELBOW						
	8	1	180-8424	3	SEAL-O-RING						
	9	1	4B-0418	1	CLIP						
	10	1	4H-2633	2	CLIP						
	11	1	4L-6454	4	BOLT (3/8-16X1-IN)						
	12	1	6D-7128	2	SEAL-O RING						
	13	1	6V-9027	1	SEAL-O-RING						
	14	1	6V-9872	1	CONNECTOR						
	15	1	7X-7729	1	WASHER (11X25X3-MM THK)						
	16	1	8C-6871	2	CONNECTOR						
	17	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
M	18	1	8T-4137	3	BOLT (M10X1.5X20-MM)						
	19	1	8T-4896	4	WASHER-HARD (10.2X18.5X2.5-MM THK)						

I - REFER TO HYDRAULIC INFORMATION SYSTEM
M - METRIC PART

COOLING SYSTEM

233 - 1510 LINES GP - WATER (contd.)

i02342206



GRAPHIC #1

<END>

g01167880

COOLING SYSTEM

233-1510 LINES GP-WATER-TURBOCHARGER

S/N: ASX225-UP

PART OF 226-9641 INSTALLATION AR-ENGINE

SMCS-1380

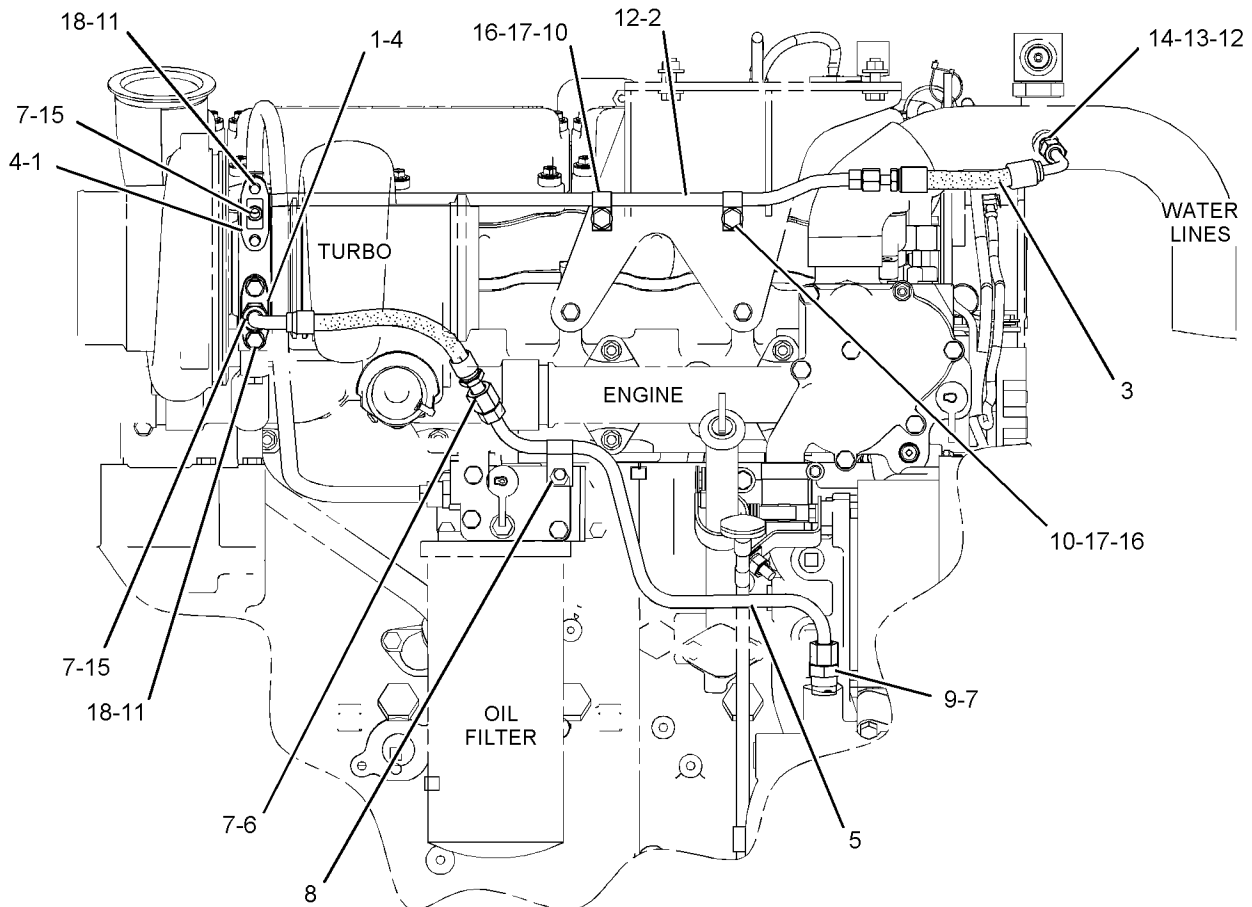
i02585574

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	178-2500	2	FLANGE	
	2	1	233-1513	1	TUBE AS	
I	3	1	233-1514	1	HOSE AS	
	4	1	241-3283	2	GASKET	
C	5	1	279-1281	1	TUBE AS	
CI	6	1	279-1283	1	HOSE AS	
C	7	1	180-8424	4	SEAL-O-RING	
C	8	1	1B-3057	1	CLIP	
C	9	1	211-5237	1	CONNECTOR	
	10	1	4H-2633	2	CLIP	
	11	1	4L-6454	4	BOLT (3/8-16X1-IN)	
	12	1	6D-7128	2	SEAL-O RING	
	13	1	6V-9027	1	SEAL-O-RING	
	14	1	6V-9872	1	CONNECTOR	
	15	1	8C-6871	2	CONNECTOR	
	16	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)	
CM	17	1	8T-4137	3	BOLT (M10X1.5X20-MM)	
	18	1	8T-4896	4	WASHER-HARD (10.2X18.5X2.5-MM THK)	

C- CHANGE FROM PREVIOUS TYPE

I- REFER TO HYDRAULIC INFORMATION SYSTEM

M- METRIC PART



RIGHT SIDE VIEW OF ENGINE

GRAPHIC #1

<END>

g01300783

COOLING SYSTEM

161-5719 PUMP GP-WATER*R

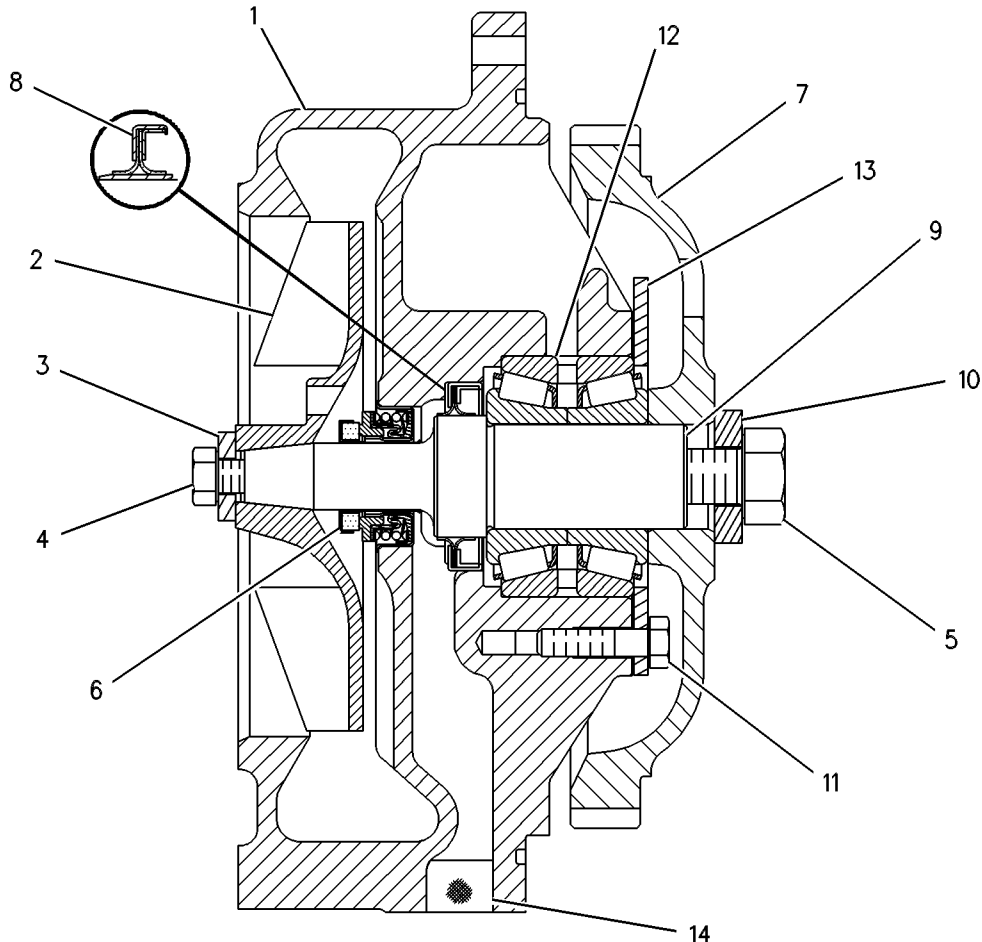
S/N: LHX1-UP

PART OF 174-5986 PUMP GP-WATER

SMCS-1361

i02740969

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



GRAPHIC #1

<END>

g00263499

COOLING SYSTEM

174-5986 PUMP GP-WATER

S/N: LHX1-UP

HEAVY DUTY PUMP

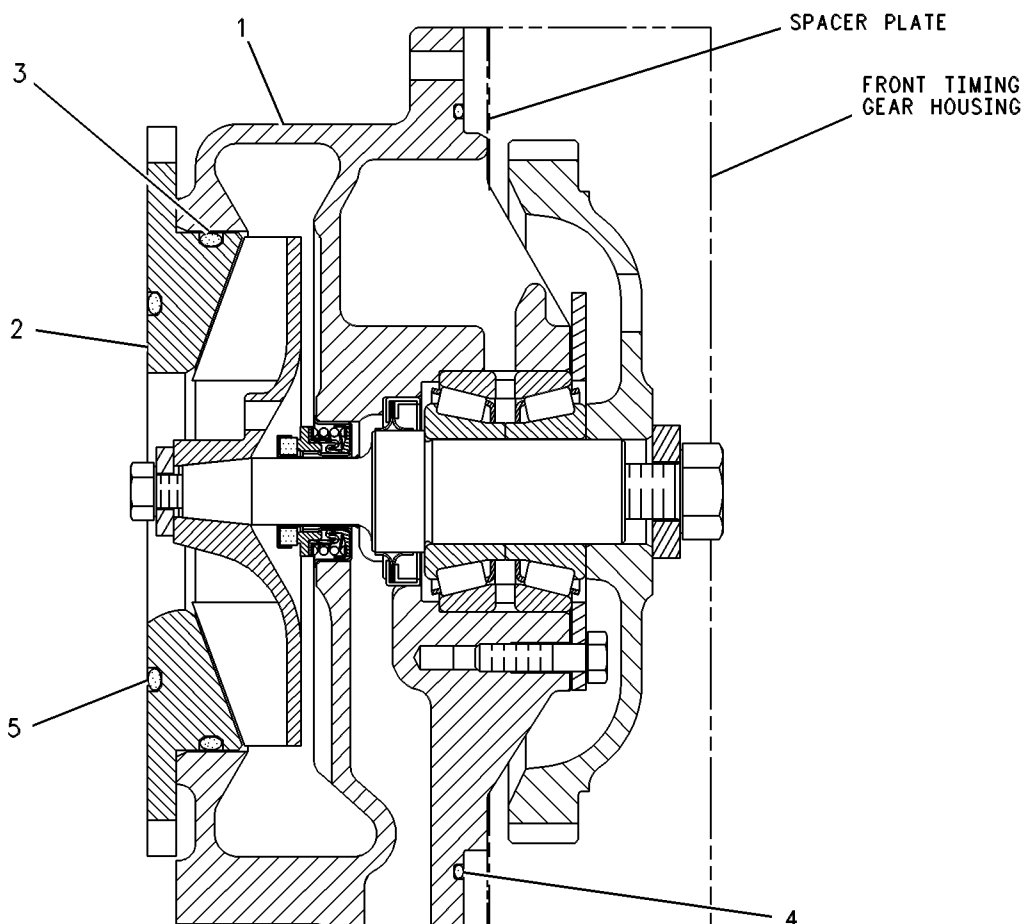
PART OF 225-8923 ENGINE AR-COMplete

SMCS-1361

i02610618

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
YR	1	1	161-5719	1	PUMP GP-WATER						120
	2	1	4P-2383	1	ADAPTER						
	3	1	9M-3786	1	SEAL-O-RING						
	4	1	122-3772	1	SEAL-O-RING						
	5	1	109-0077	1	SEAL-O-RING						

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00263504

COOLING SYSTEM

228-4198 RADIATOR GP

S/N: ASX1-UP

PART OF 226-9594, 300-6281 CHASSIS AR

SMCS-1353

i02280864

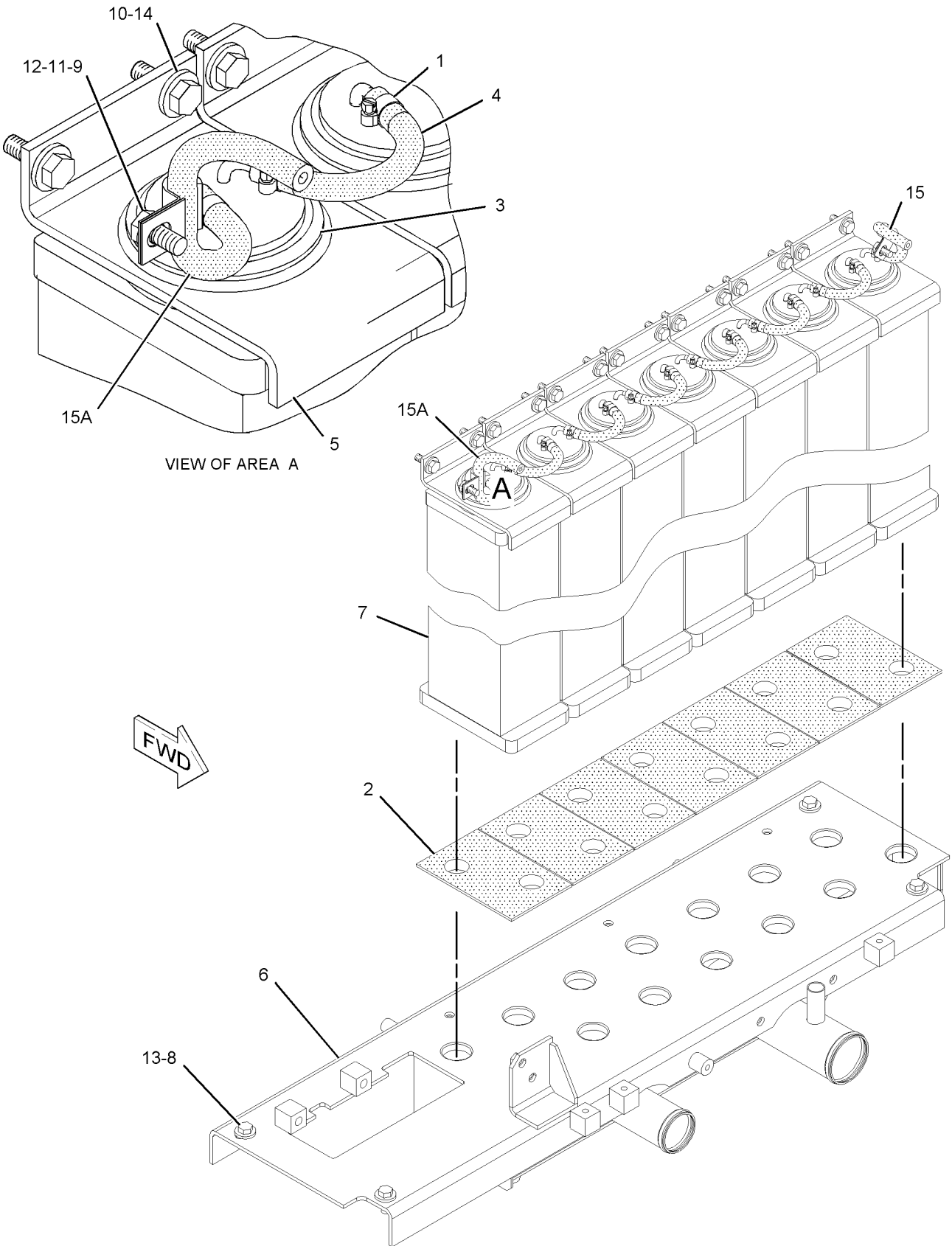
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	1P-4278	14	CLAMP-HOSE	
	2	1	6I-2431	7	SEAL	
	3	1	6I-2435	7	SPACER (RUBBER)	
	4	1	106-4572	6	HOSE (AMOCS)	
	5	1	112-9486	7	RETAINER	
	6	1	228-4199	1	TANK AS-RADIATOR BOTTOM	
	7	1	223-5100	7	CORE AS-RADIATOR	
	8	1	5P-1076	4	WASHER-HARD (13.5X30X4-MM THK)	
	9	1	6D-3479	2	CLIP	
	10	1	7X-7729	14	WASHER (11X25X3-MM THK)	
	11	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)	
M	12	1	8T-4137	2	BOLT (M10X1.5X20-MM)	
M	13	1	8T-4139	4	BOLT (M12X1.75X30-MM)	
M	14	1	8T-4195	14	BOLT (M10X1.5X30-MM)	
E	15	1	5P-6442		HOSE (32.5CM)	
E	15A	1	5P-6442		HOSE (34.8CM)	

E-ORDER BY THE CENTIMETER
M-METRIC PART

COOLING SYSTEM

228-4198 RADIATOR GP (contd.)

i02280864



GRAPHIC #1

<END>

g01028487

COOLING SYSTEM

192-7430 VALVE GP-RADIATOR DRAIN

S/N: ASX1-UP

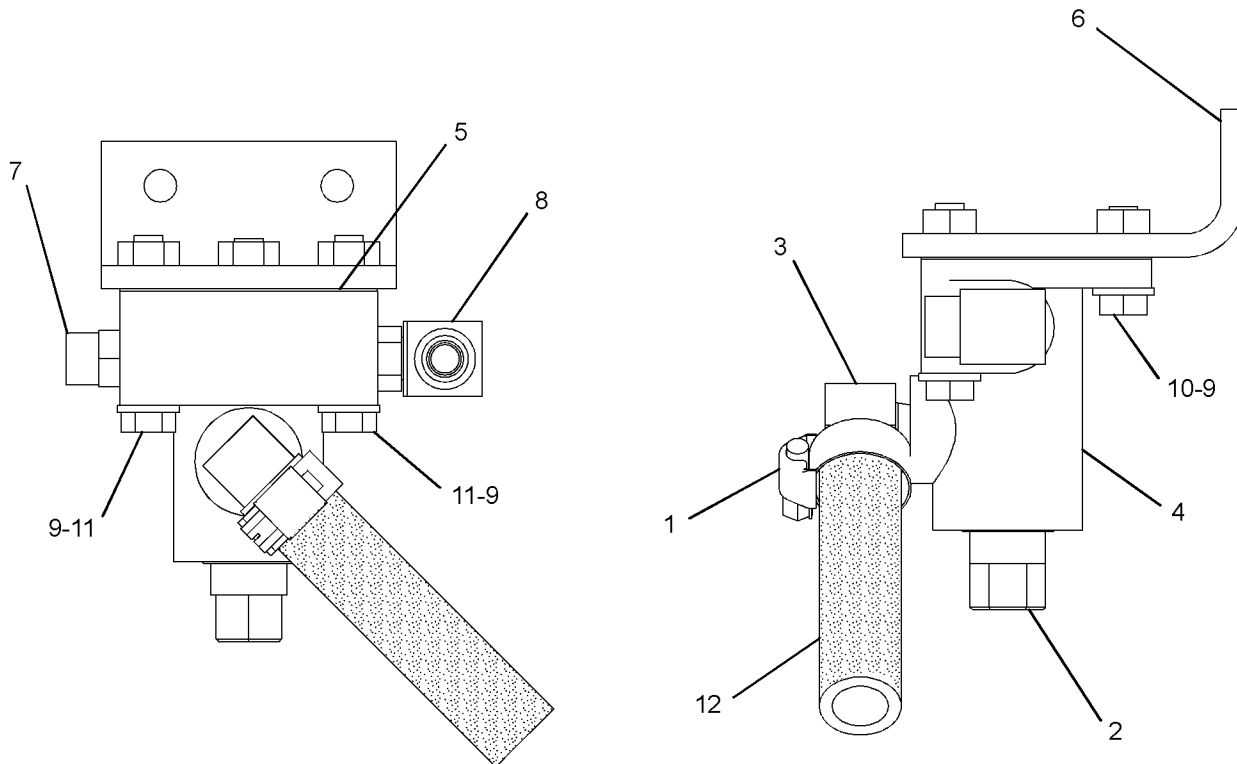
PART OF 228-7501 LINES GP-WATER

SMCS-1353

i02427639

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2S-3440	1	CLAMP-HOSE						
	2	1	6N-9590	1	PLUG-DRAIN (RADIATOR)						
	3	1	6V-0675	1	ELBOW						
	4	1	7E-9171	1	ADAPTER-PLUG						
	5	1	8M-7066	1	GASKET						
	6	1	117-3335	1	BRACKET AS						
	7	1	150-4043	1	CONNECTOR AS						
		1	3J-1907	1	SEAL-O-RING (11.89MM ID)						
		1	6V-8398	1	SEAL-O-RING (16.03MM OD)						
		1	6V-9873	1	CONNECTOR						
	8	1	148-8365	1	ELBOW AS						
		1	3J-1907	1	SEAL-O-RING (11.89MM ID)						
		1	6V-8398	1	SEAL-O-RING (16.03MM OD)						
		1	8T-6876	1	ELBOW						
	9	1	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)						
M	10	1	8T-4195	1	BOLT (M10X1.5X30-MM)						
M	11	1	8T-6466	2	BOLT (M10X1.5X60-MM)						
G	12	1	122-6872		HOSE-HYDRAULIC (5.84-IN)						

G- ORDER BY THE INCH
M- METRIC PART



GRAPHIC #1

<END>

g01213270

AIR INLET AND EXHAUST SYSTEM

228-4195 AFTERCOOLER GP-AIR

S/N: ASX1-UP

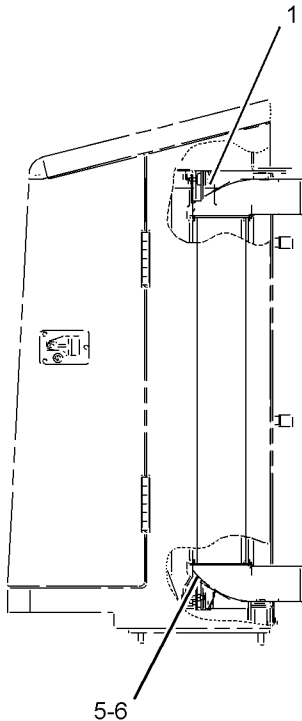
PART OF 226-9594, 300-6281 CHASSIS AR

SMCS-1063

i01983949

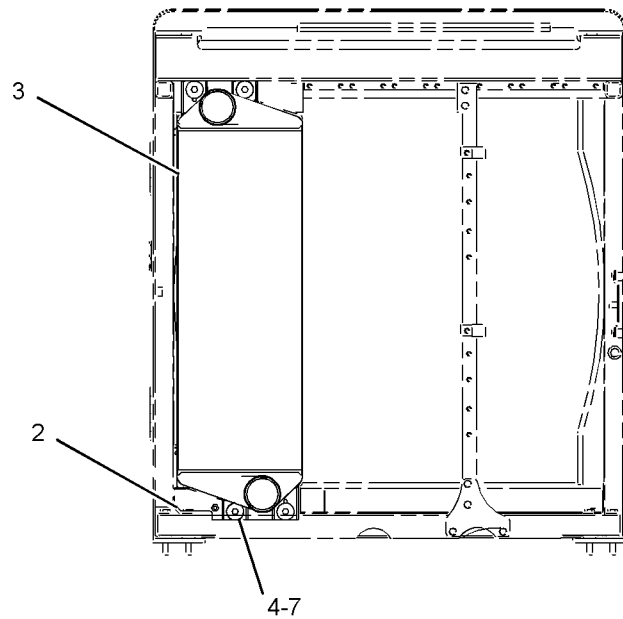
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	121-3307	4	MOUNT AS-RESILIENT						
					(EACH INCLUDES)						
		1	8T-4226	1	WASHER-PLATED (10.5X45X3-MM THK)						
	2	1	228-7509	1	PLATE AS						
M		1	8T-3490	4	NUT-WELD (M10X1.5-THD)						
	3	1	231-4321	1	CORE AS-AFTERCOOLER						
	4	1	115-6433	4	WASHER (11X50X6-MM THK)						
	5	1	7X-7729	2	WASHER (11X25X3-MM THK)						
M	6	1	8T-4182	2	BOLT (M10X1.5X45-MM)						
M	7	1	8T-6466	4	BOLT (M10X1.5X60-MM)						

M-METRIC PART



RIGHT SIDE VIEW

GRAPHIC #1



FRONT VIEW

<END>

g01028472

AIR INLET AND EXHAUST SYSTEM

231 - 7082 AIR CLEANER GP

S/N: ASX1-UP

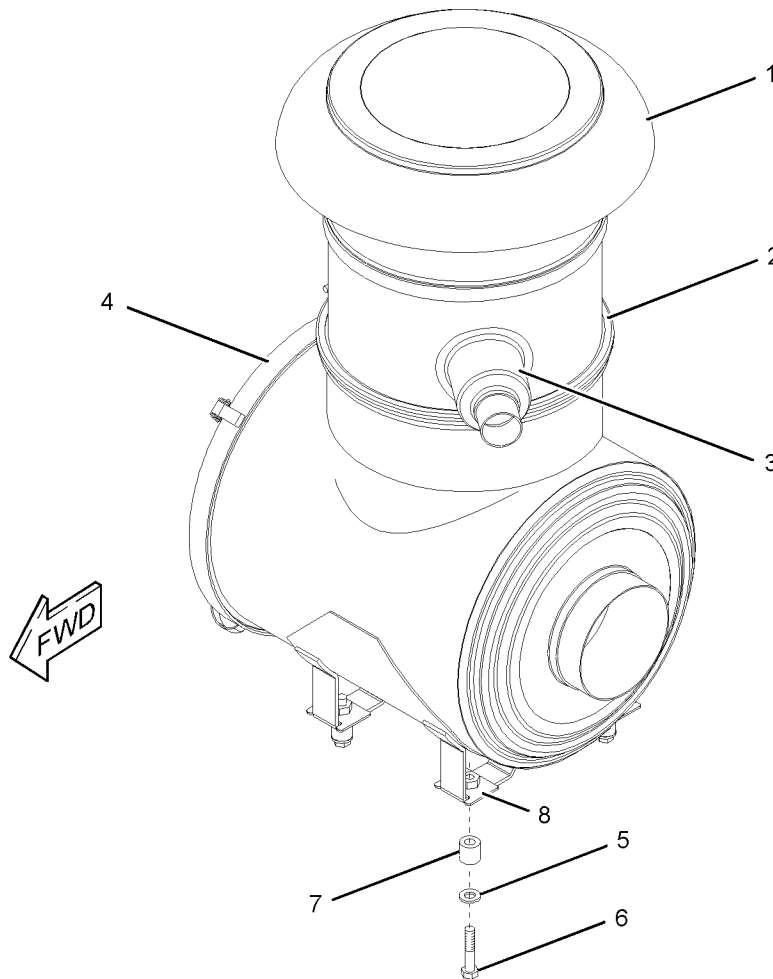
PART OF 226-9641 INSTALLATION AR-ENGINE

SMCS-1051, 1054

i02325106

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	8S-6823	1	HOOD AS (PRECLEANER)	
	2	1	8S-6824	1	CLAMP AS (PRECLEANER)	
	3	1	100-4995	1	BODY AS-PRECLEANER	
Y	4	1	248-8890	1	AIR CLEANER GP	127
	5	1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)	
M	6	1	8T-4910	4	BOLT (M12X1.75X60-MM)	
	7	1	122-4026	4	SPACER (13X25X25-MM THK)	
	8	1	263-5511	4	BRACKET AS	
					(EACH INCLUDES)	
M		1	8T-3597	1	NUT-WELD (M12X1.75-THD)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01218295

AIR INLET AND EXHAUST SYSTEM

248-8890 AIR CLEANER GP

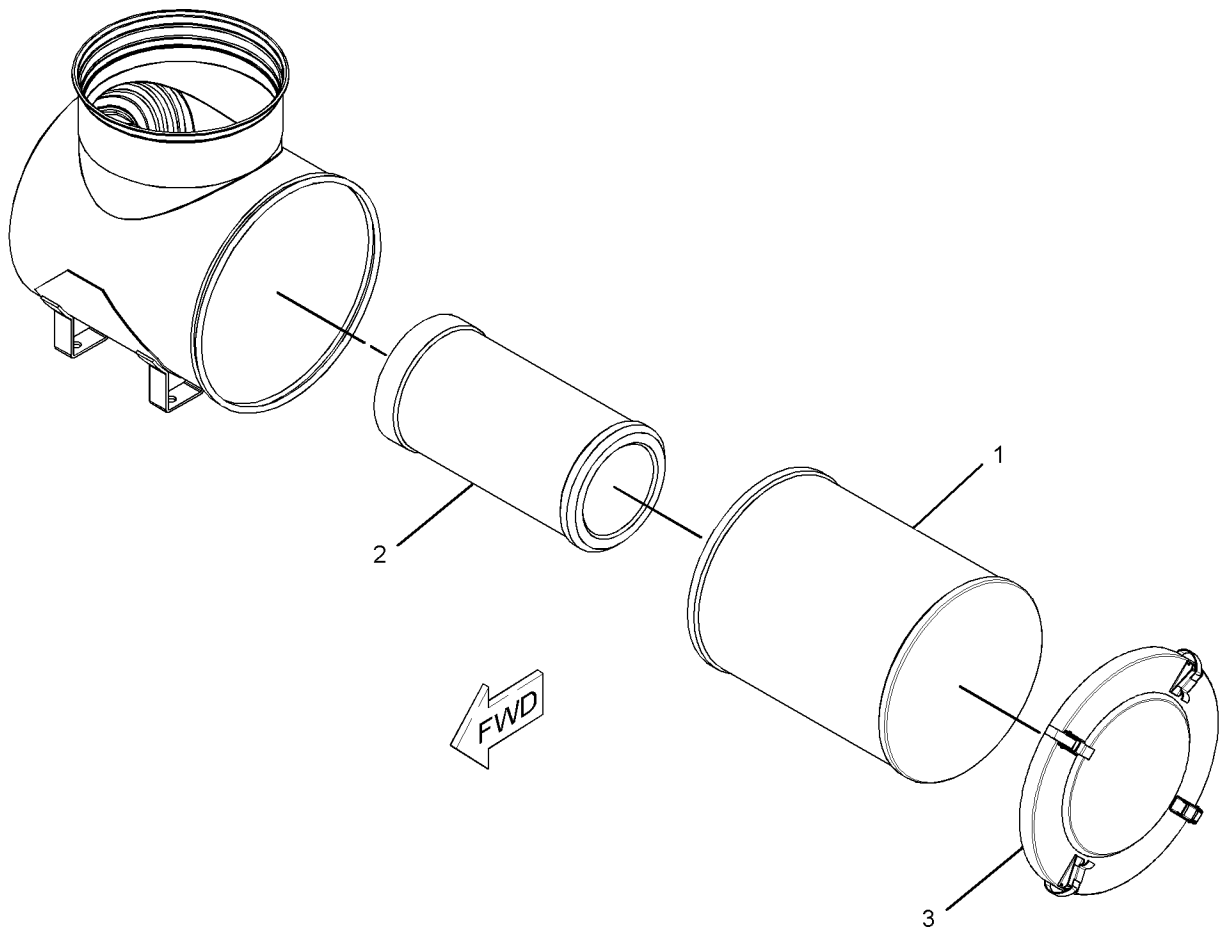
S/N: ASX1-UP

PART OF 231-7082 AIR CLEANER GP

SMCS-1051, 1054

i02322772

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



GRAPHIC #1

<END>

g01298344

AIR INLET AND EXHAUST SYSTEM

237-1964 COVER GP - TURBOCHARGER

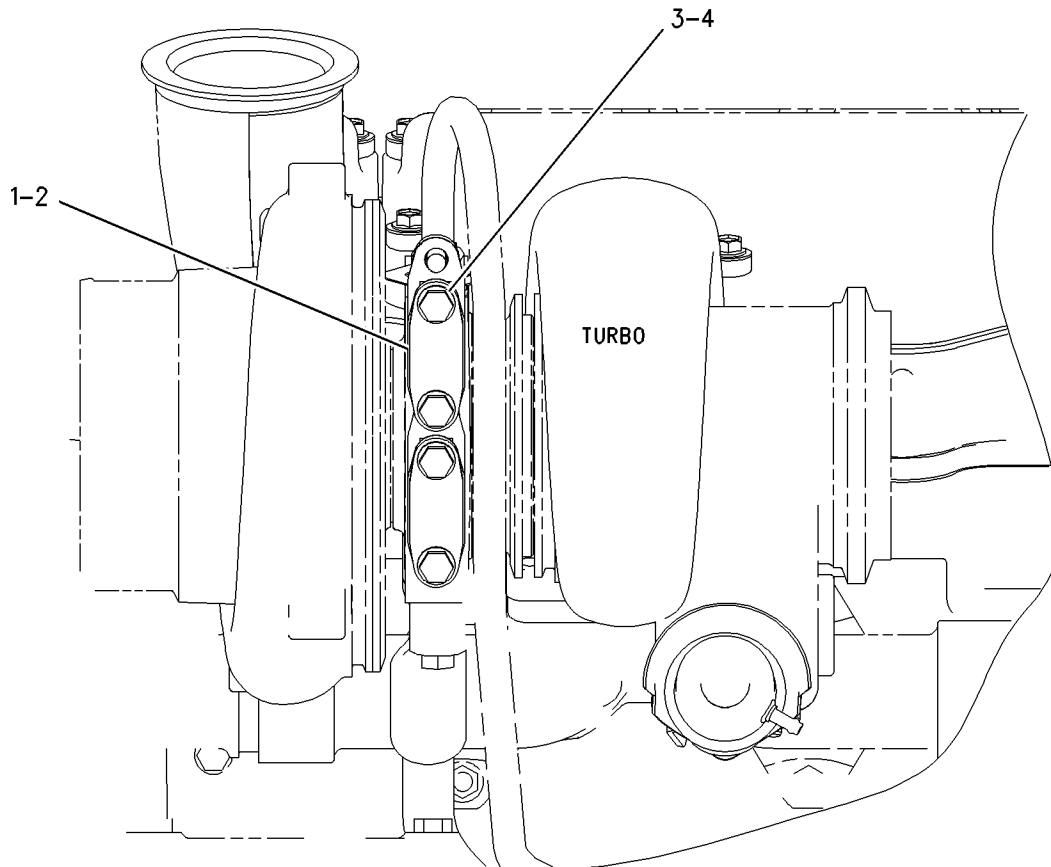
S/N: LHX1-UP

PART OF 225-8923 ENGINE AR-COMplete

SMCS-1052, 1073

i02224997

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



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g01002636

AIR INLET AND EXHAUST SYSTEM

231 - 7089 DUST EJECTOR GP

S/N: ASX1-225

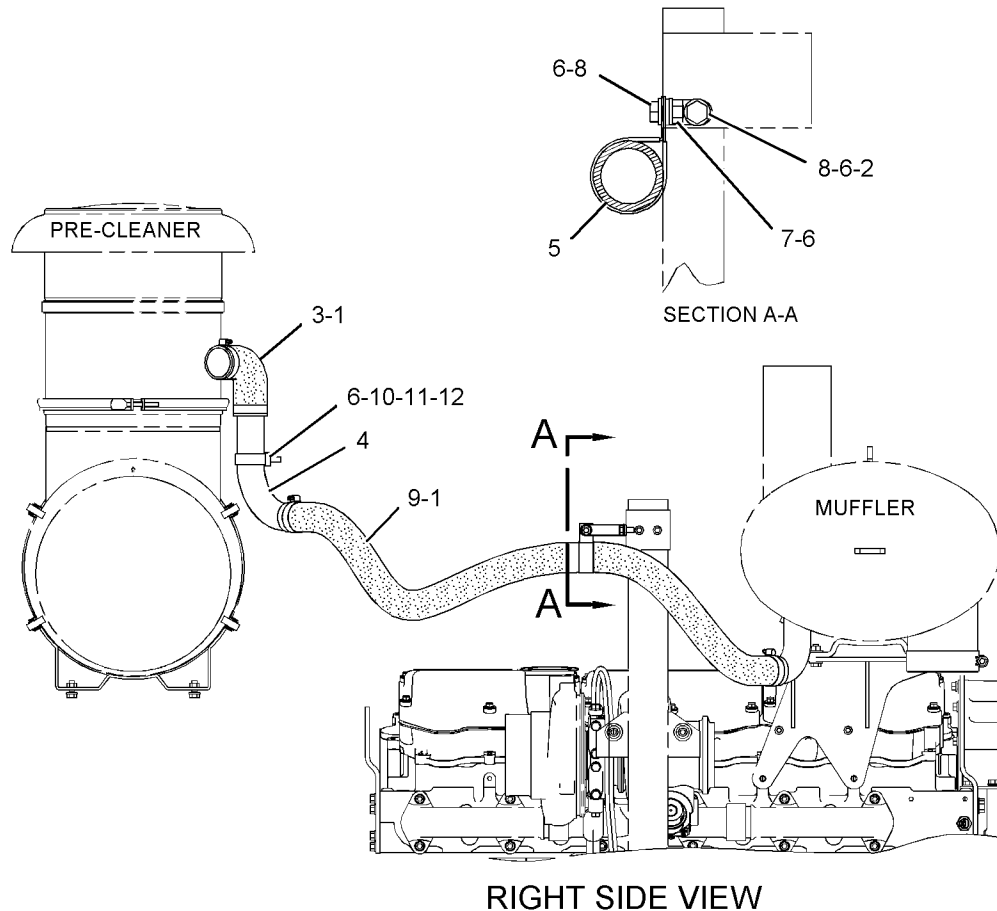
PART OF 226-9641 INSTALLATION AR-ENGINE

SMCS-1068

i02400098

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-0597	4	CLAMP-HOSE						
	2	1	8R-9137	1	ANGLE						
	3	1	067-9425	1	HOSE (FUMES)						
	4	1	247-7760	1	TUBE						
	5	1	5P-4325	1	CLIP						
	6	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	7	1	8T-4133	1	NUT (M10X1.5-THD)						
M	8	1	8T-4137	2	BOLT (M10X1.5X20-MM)						
	9	1	129-9518	1	HOSE						
	10	1	6V-2235	1	CLIP						
M	11	1	8T-4196	1	BOLT (M10X1.5X35-MM)						
	12	1	198-4777	1	WASHER-HARD (11X25X10-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01200370

AIR INLET AND EXHAUST SYSTEM

231-7089 DUST EJECTOR GP

S/N: ASX226-UP

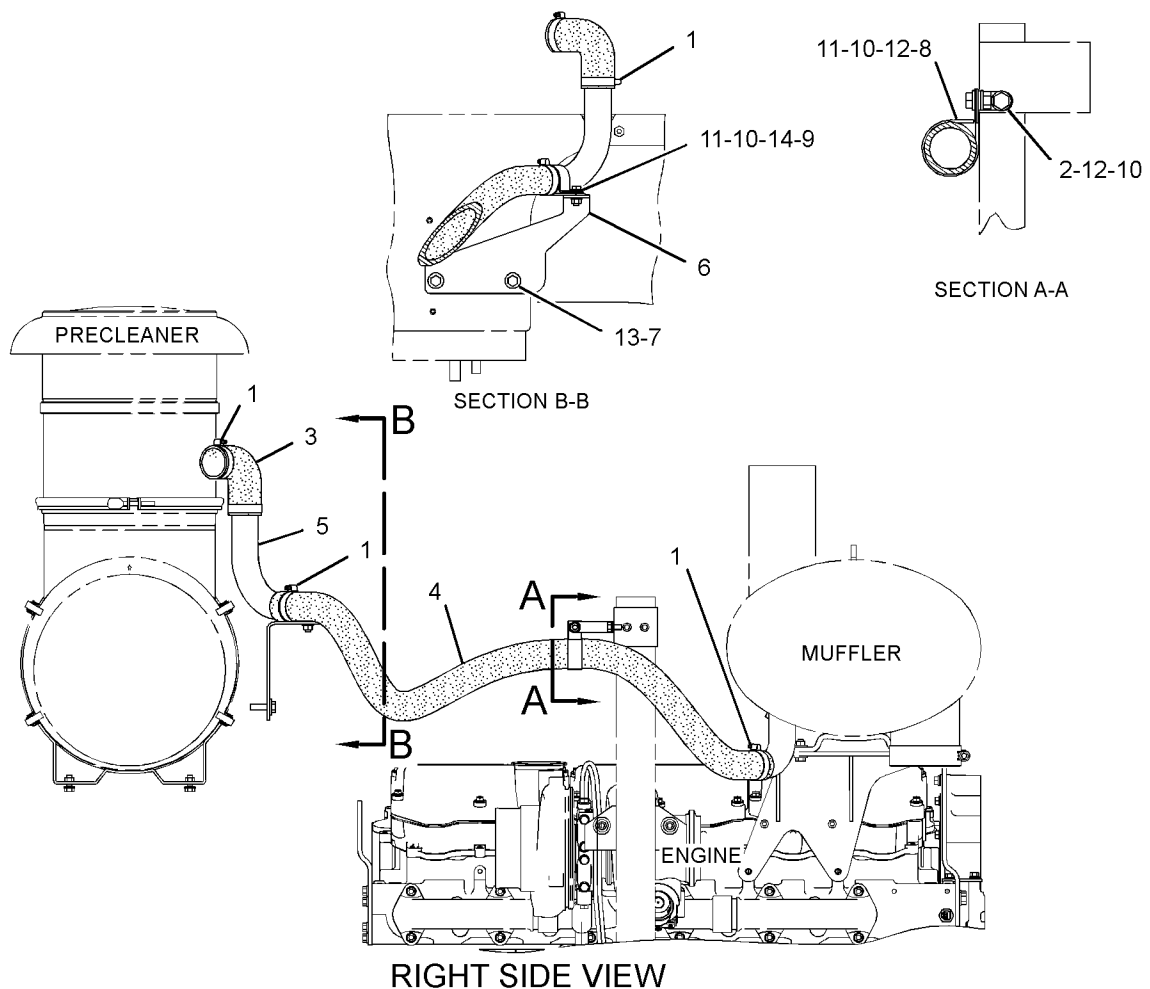
PART OF 226-9641 INSTALLATION AR-ENGINE

SMCS - 1068

i02684014

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-0597	4	CLAMP-HOSE						
	2	1	8R-9137	1	ANGLE						
	3	1	067-9425	1	HOSE (FUMES)						
	4	1	129-9518	1	HOSE						
	5	1	247-7760	1	TUBE						
C	6	1	264-9878	1	BRACKET						
C	7	1	5P-1076	2	WASHER-HARD (13.5X30X4-MM THK)						
	8	1	5P-4325	1	CLIP						
C	9	1	8L-8137	1	CLIP						
C	10	1	8T-4121	5	WASHER-HARD (11X21X2.5-MM THK)						
CM	11	1	8T-4133	2	NUT (M10X1.5-THD)						
M	12	1	8T-4137	2	BOLT (M10X1.5X20-MM)						
CM	13	1	8T-4183	2	BOLT (M12X1.75X40-MM)						
CM	14	1	8T-4195	1	BOLT (M10X1.5X30-MM)						

C - CHANGE FROM PREVIOUS TYPE
M - METRIC PART



GRAPHIC #1

<END>

g01363185

AIR INLET AND EXHAUST SYSTEM

232 - 7422 INDICATOR GP-AIR FILTER CHANGE

S/N: ASX1-UP

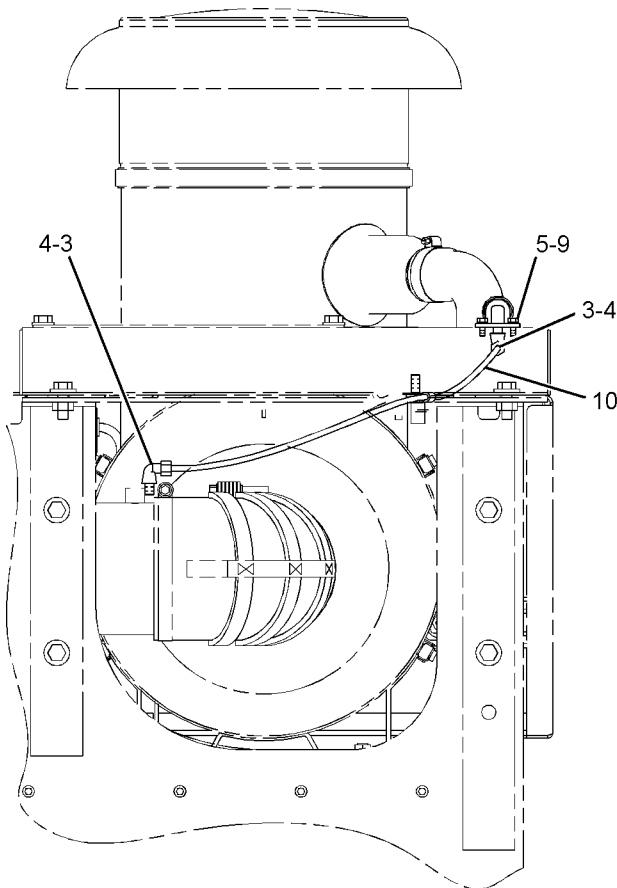
PART OF 226-9594, 300-6281 CHASSIS AR

SMCS-7452

i02207600

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1P-6886	1	ADAPTER						
	2	1	1W-0613	1	INDICATOR-AIR FILTER CHANGE						
	3	1	5P-4428	2	ELBOW-AIR BRAKE						
	4	1	6V-2610	2	FITTING						
M	5	1	5C-9553	2	BOLT (M6X1X16-MM)						
	6	1	8M-2772	1	CLIP						
	7	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						
M	8	1	8T-4136	1	BOLT (M10X1.5X25-MM)						
	9	1	9X-8256	2	WASHER (6.6X12X2-MM THK)						
D	10	1	5P-6011		TUBE (1-M)						

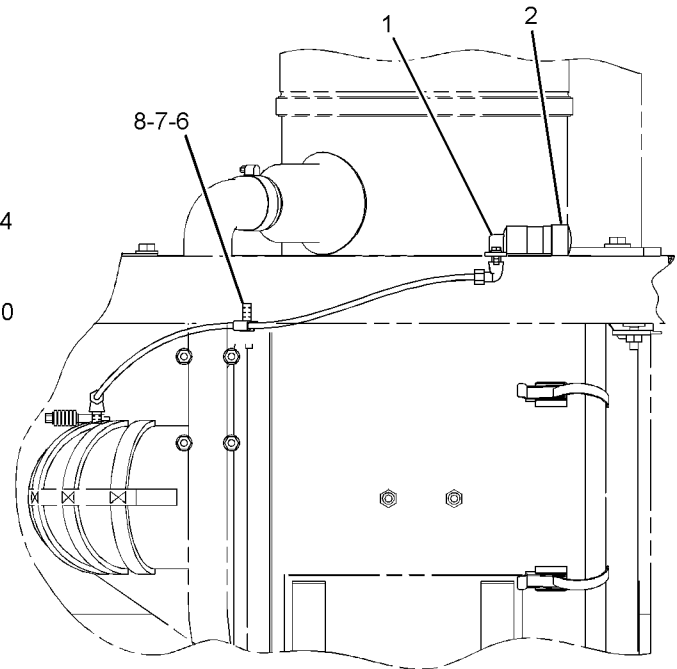
D-ORDER BY THE METER
M-METRIC PART



RIGHT SIDE VIEW

GRAPHIC #1

<END>



FRONT VIEW

g01127316

AIR INLET AND EXHAUST SYSTEM

228-4196 LINES GP-AFTERCOOLER AIR

S/N: ASX1-299

PART OF 226-9594 CHASSIS AR

SMCS-1063, 1071

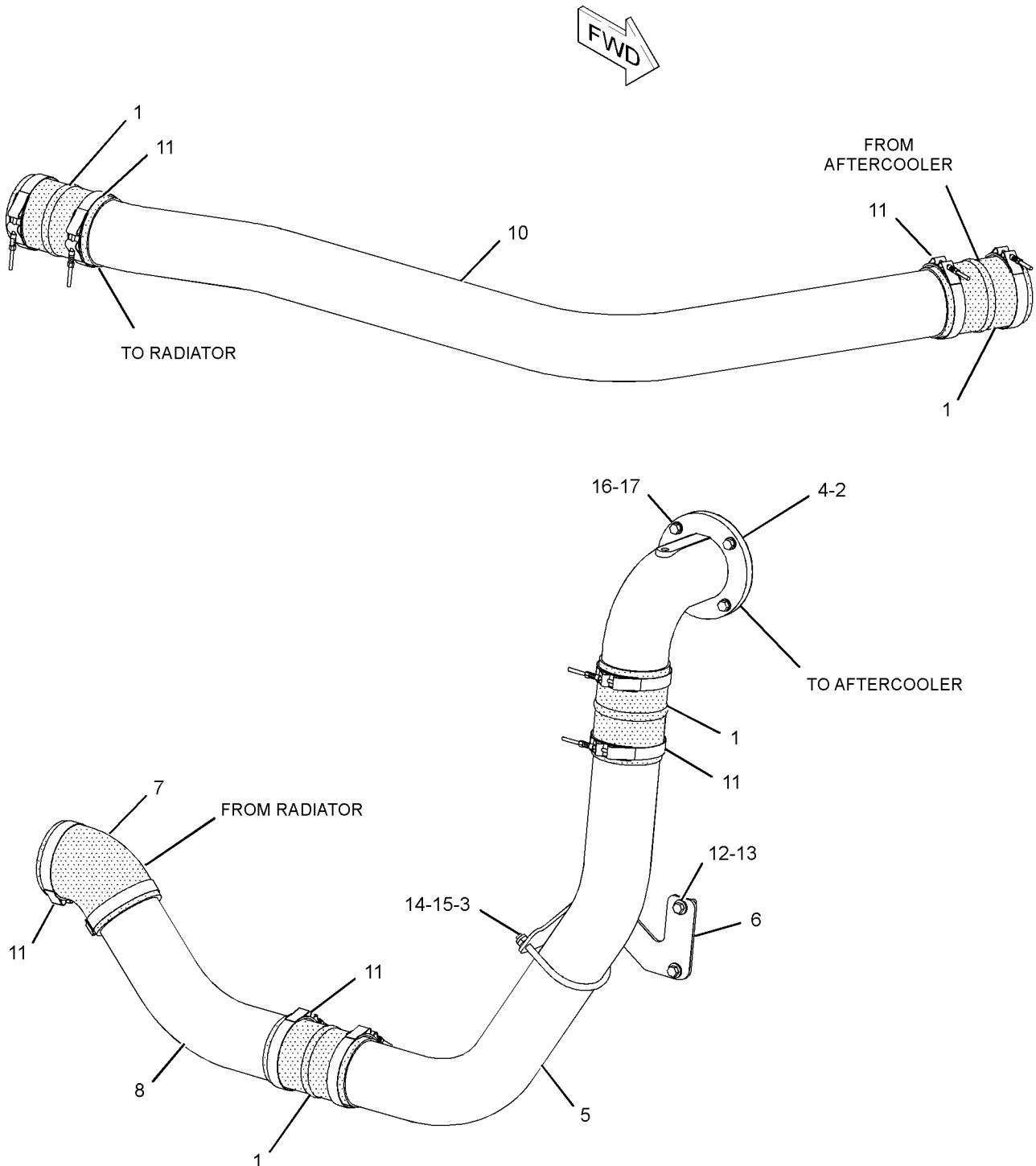
i02351133

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7E-8630	4	HOSE-AIR INLET (HUMP)						
	2	1	101-3125	1	GASKET (AIR INLET MANIFOLD)						
	3	1	177-0035	1	U-BOLT						
	4	1	177-0063	1	ELBOW						
	5	1	267-3140	1	TUBE						
	6	1	266-9430	1	BRACKET						
	7	1	251-1774	1	ELBOW						
	8	1	198-2936	1	TUBE						
	10	1	228-4197	1	TUBE						
	11	1	208-7448	10	CLAMP (T-BOLT)						
	12	1	4L-9337	2	BOLT (3/8-16X1.5-IN)						
	13	1	5P-1075	2	WASHER-HARD (10.2X22.5X3-MM THK)						
M	14	1	8T-0389	2	LOCKNUT (M10X1.15-THD)						
	15	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
	16	1	8T-4896	4	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	17	1	9B-7237	4	BOLT (3/8-16X1.25-IN)						
M-METRIC PART											

AIR INLET AND EXHAUST SYSTEM

228-4196 LINES GP-AFTERCOOLER AIR (contd.)

i02351133



GRAPHIC #1

<END>

g01175124

AIR INLET AND EXHAUST SYSTEM

228-4196 LINES GP-AFTERCOOLER AIR

S/N: ASX300-UP

PART OF 300-6281 CHASSIS AR

SMCS-1063, 1071

i02684021

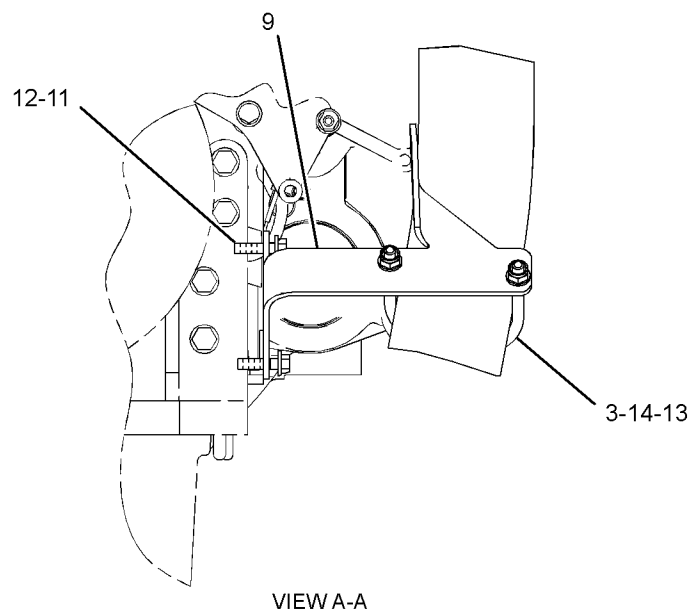
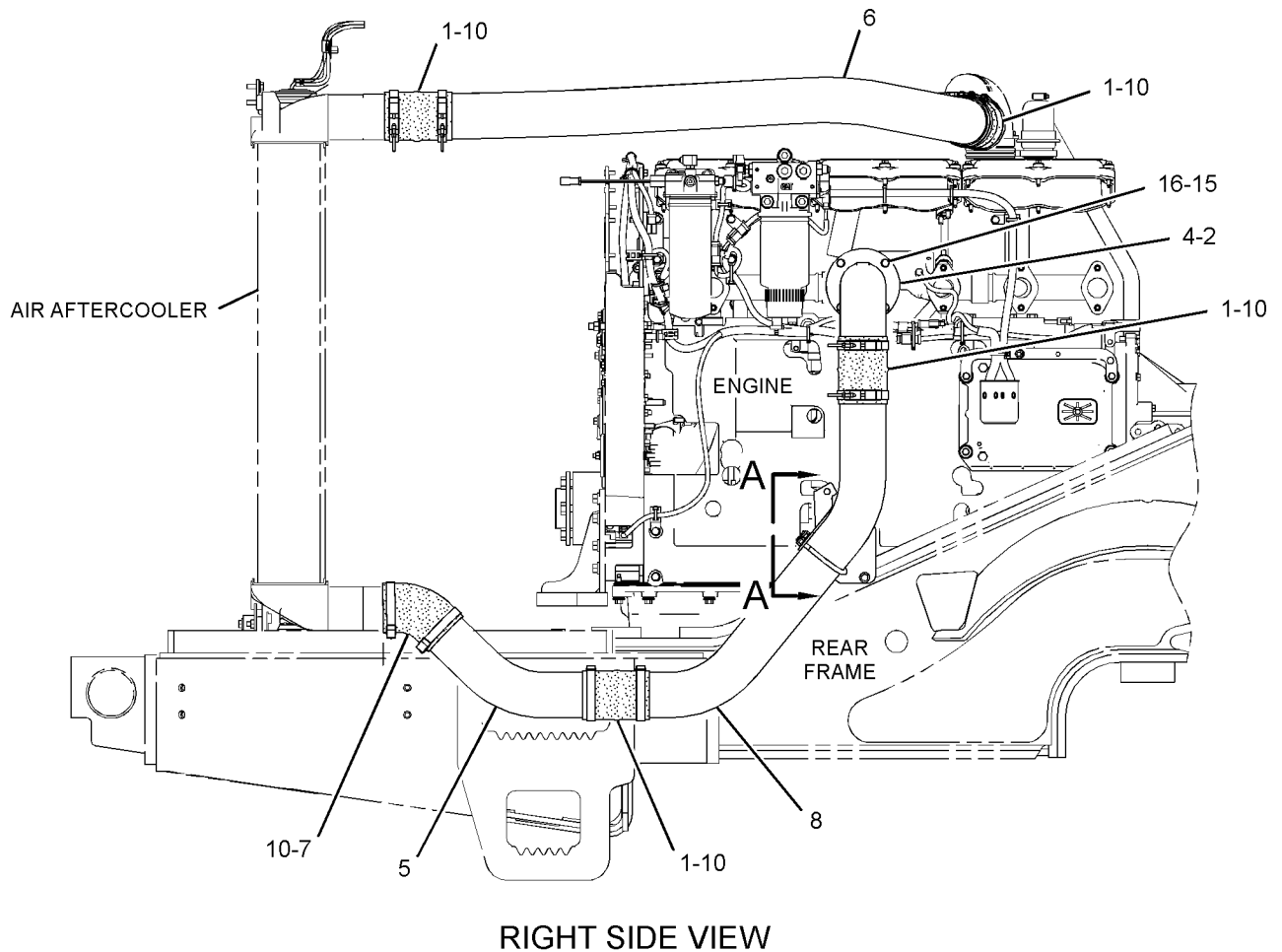
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7E-8630	4	HOSE-AIR INLET (HUMP)						
	2	1	101-3125	1	GASKET (AIR INLET MANIFOLD)						
	3	1	177-0035	1	U-BOLT						
	4	1	177-0063	1	ELBOW						
	5	1	198-2936	1	TUBE						
	6	1	228-4197	1	TUBE						
	7	1	251-1774	1	ELBOW						
	8	1	267-3140	1	TUBE						
C	9	1	306-0349	1	BRACKET						
	10	1	208-7448	10	CLAMP (T-BOLT)						
	11	1	4L-9337	2	BOLT (3/8-16X1.5-IN)						
	12	1	5P-1075	2	WASHER-HARD (10.2X22.5X3-MM THK)						
M	13	1	8T-0389	2	LOCKNUT (M10X1.15-THD)						
	14	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
	15	1	8T-4896	4	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	16	1	9B-7237	4	BOLT (3/8-16X1.25-IN)						

C- CHANGE FROM PREVIOUS TYPE
M- METRIC PART

AIR INLET AND EXHAUST SYSTEM

228-4196 LINES GP-AFTERCOOLER AIR (contd.)

i02684021



GRAPHIC #1

<END>

g01376210

AIR INLET AND EXHAUST SYSTEM

126-0081 LINES GP-AIR-TURBOCHARGER OUTLET

S/N: LHX1-UP

90 DEGREE OUTLET ELBOW

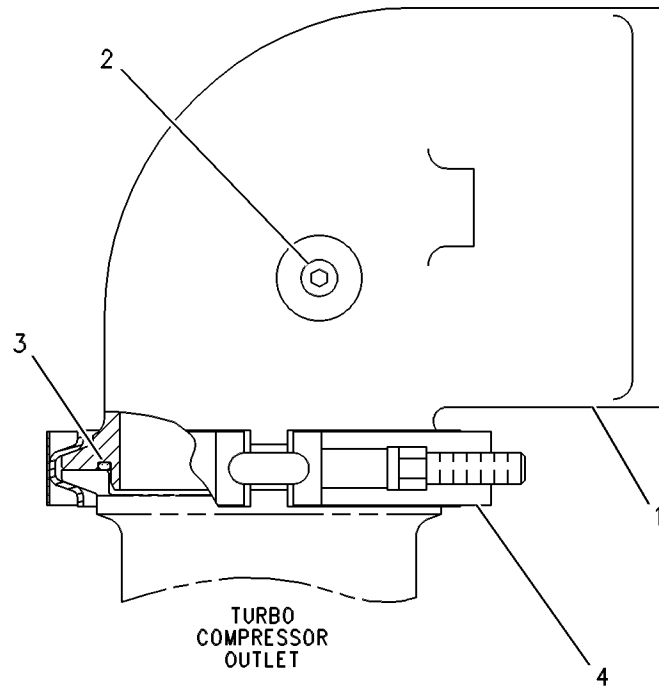
PART OF 225-8923 ENGINE AR-COMPLETE

TYPE 1

SMCS-1071

i00613610

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



GRAPHIC #1

<END>

g00251431

AIR INLET AND EXHAUST SYSTEM

126-0081 LINES GP-AIR-TURBOCHARGER OUTLET

S/N: LHX1-UP

90 DEGREE OUTLET ELBOW

PART OF 225-8923 ENGINE AR-COMPLETE

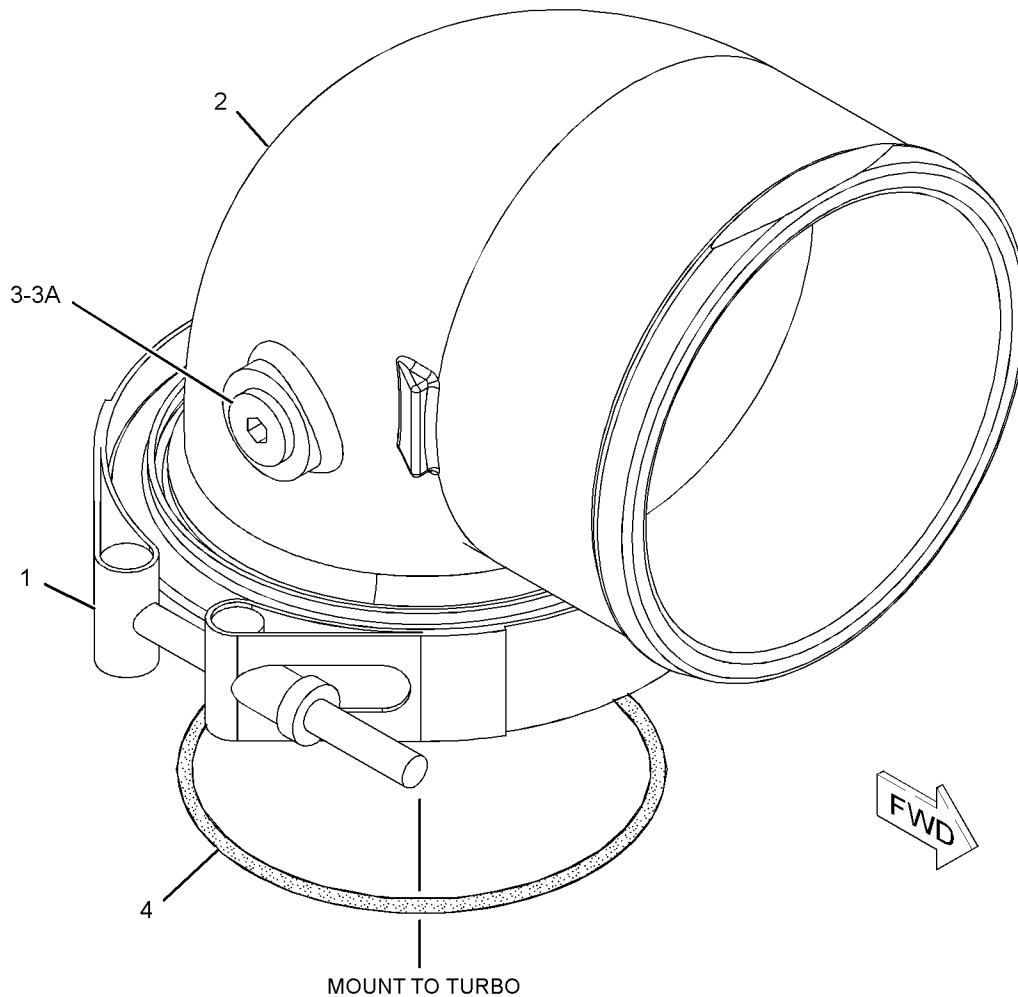
TYPE 2

SMCS-1071

i02305444

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

C- CHANGE FROM PREVIOUS TYPE



GRAPHIC #1

<END>

g01154678

AIR INLET AND EXHAUST SYSTEM

231-7079 LINES GP-TURBOCHARGER AIR

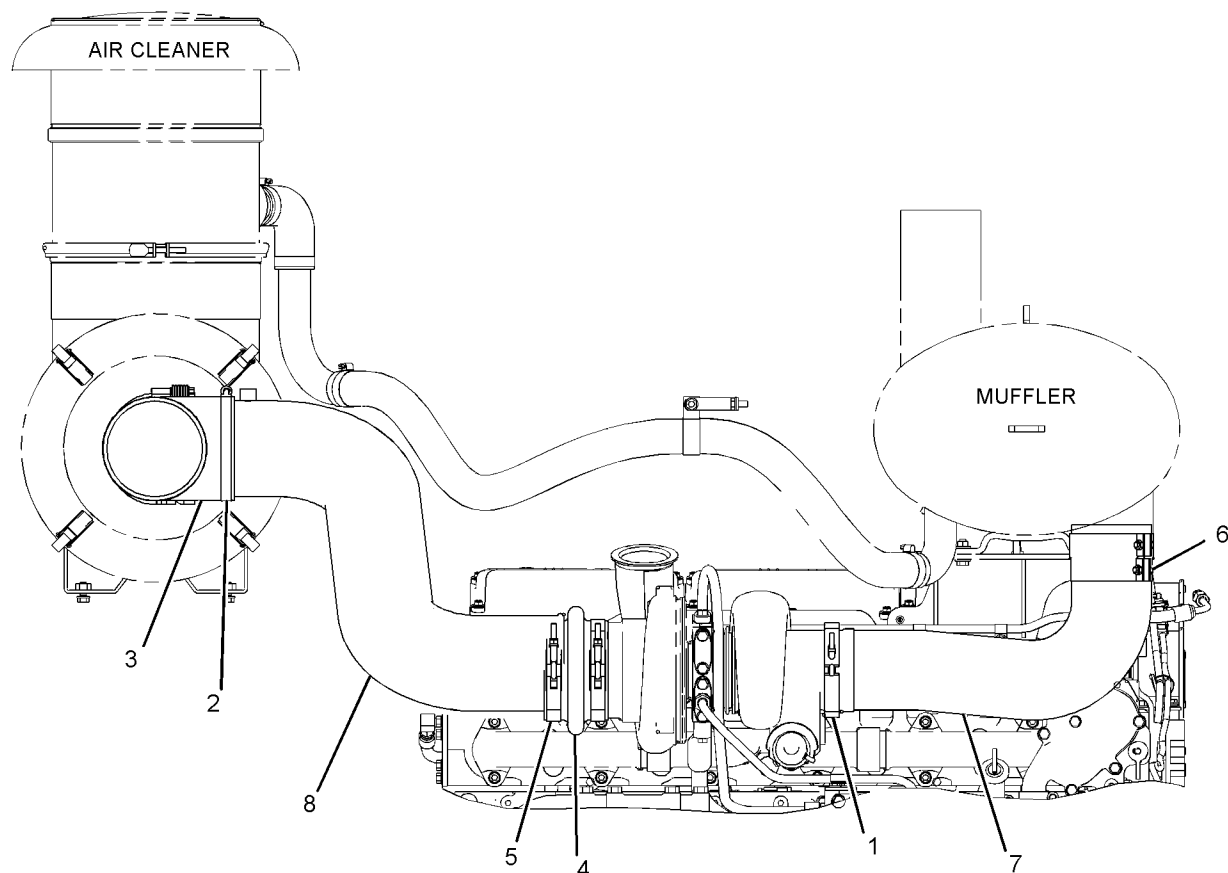
S/N: ASX1-UP

PART OF 226-9641 INSTALLATION AR-ENGINE

SMCS-1052, 1071

i02464858

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4W-9160	1	CLAMP-V BAND						
	2	1	8T-4988	2	CLAMP-HOSE						
	3	1	9N-0720	1	ELBOW AS-AIR INLET						
	4	1	9X-4008	1	HOSE						
	5	1	219-0313	2	CLAMP						
	6	1	241-9265	1	CLAMP-MUFFLER						
	7	1	246-4394	1	TUBE AS						
	8	1	273-0265	1	TUBE AS						



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g01229752

AIR INLET AND EXHAUST SYSTEM

225-0998 MANIFOLD GP-EXHAUST

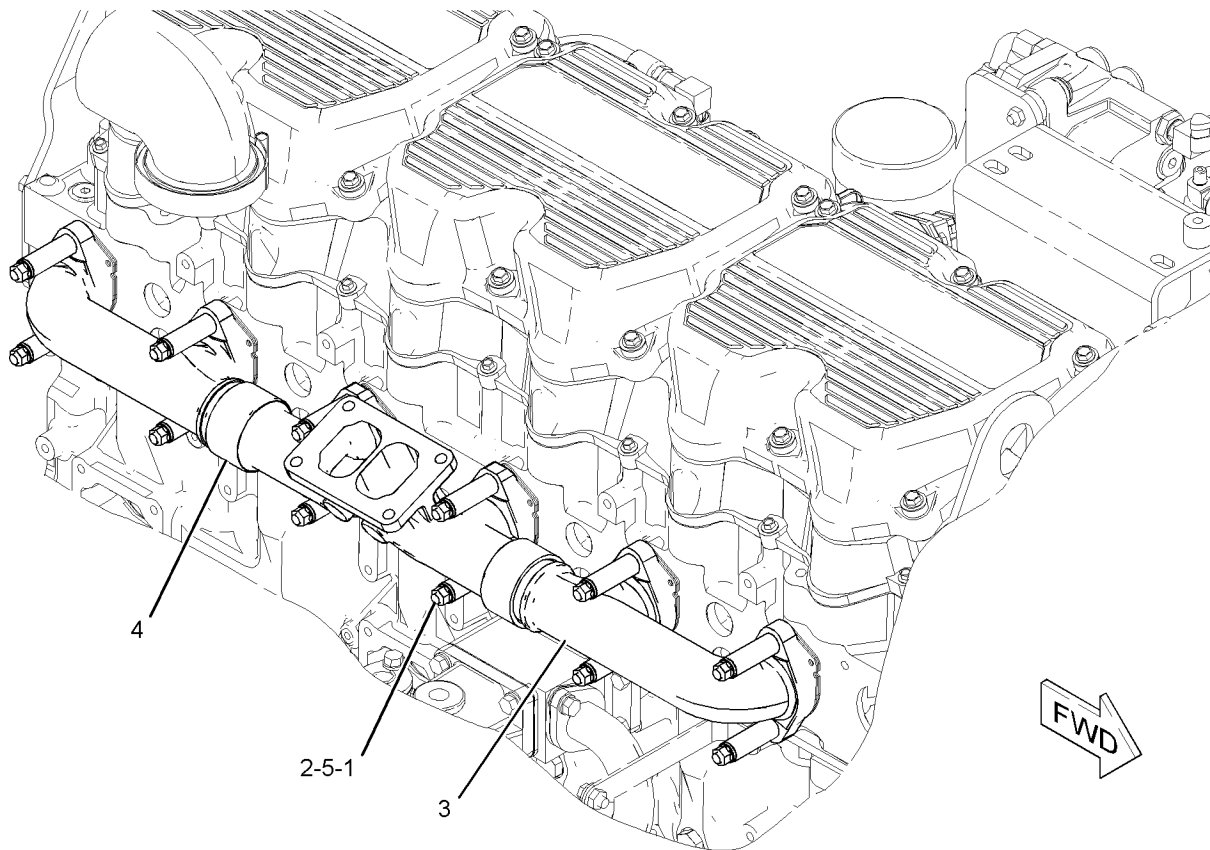
S/N: LHX1-UP

PART OF 225-8923 ENGINE AR-COMPLETE

SMCS-1059

i01983154

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	106-1792	12	STUD-TAPERLOCK						
	2	1	108-3612	12	SPACER (11.13X19.05X53MM THK)						
	3	1	133-3359	2	MANIFOLD-EXHAUST						
	4	1	150-1916	1	MANIFOLD-EXHAUST						
	5	1	2N-2766	12	LOCKNUT (3/8X16X2 THD)						



GRAPHIC #1

<END>

g01031054

AIR INLET AND EXHAUST SYSTEM

231-7078 MUFFLER GP

S/N: ASX1-UP

PART OF 226-9641 INSTALLATION AR-ENGINE

SMCS-1062

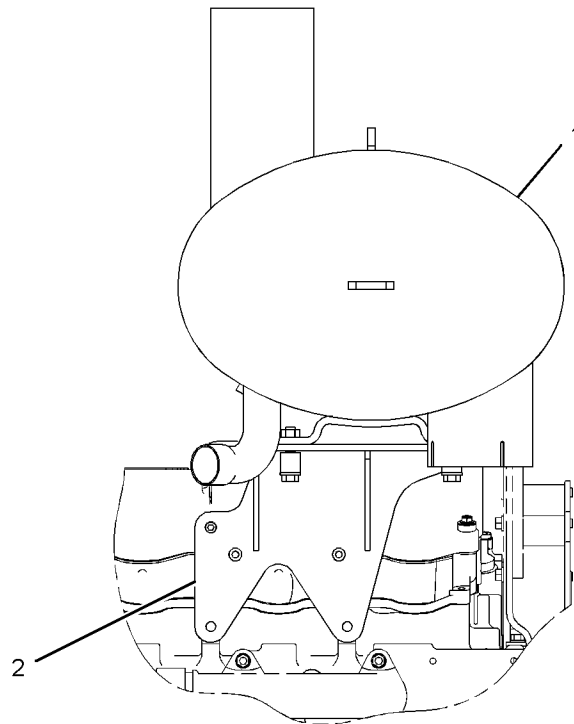
i02400096

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	250-2220	1	MUFFLER AS	
	2	1	231-7080	1	BRACKET AS	
		1	1F-0750	1	NUT-WELD (3/8-16-THD)	
M		1	8T-6462	2	BOSS-WELD (M10X1.5X25-MM OAL)	
	3	1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)	
M	5	1	8T-4910	4	BOLT (M12X1.75X60-MM)	
	6	1	122-4026	4	SPACER (13X25X25-MM THK)	
M-METRIC PART						

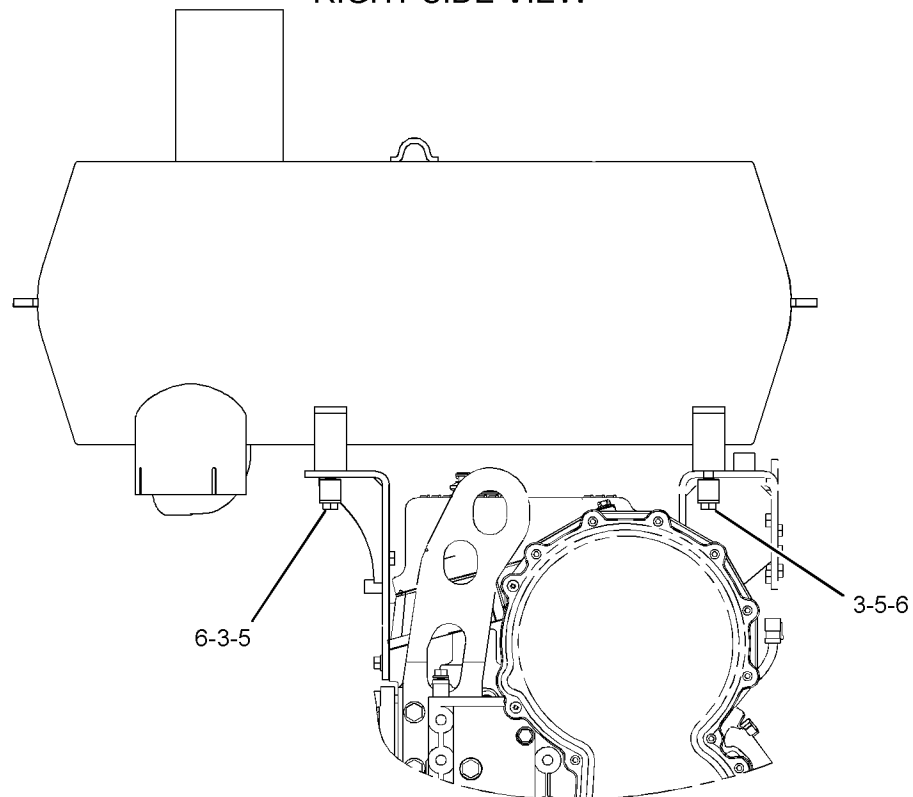
AIR INLET AND EXHAUST SYSTEM

231-7078 MUFFLER GP (contd.)

i02400096



RIGHT SIDE VIEW



FRONT VIEW

GRAPHIC #1

<END>

g01199634

AIR INLET AND EXHAUST SYSTEM

238 - 9389 PRECLEANER GP-TURBINE

S/N: ASX1-UP

CANNOT BE USED WITH 100-4995 BODY AS-PRECLEANER, 8S-6823 HOOD AS
AN ATTACHMENT

SMCS-1055

i01998362

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	0T-0199	1	PLUG-CUP						
	238-9388	1	PRECLEANER AS						
<END>									

AIR INLET AND EXHAUST SYSTEM

240-3311 SHIELD GP-HEAT-EXHAUST MANIFOLD

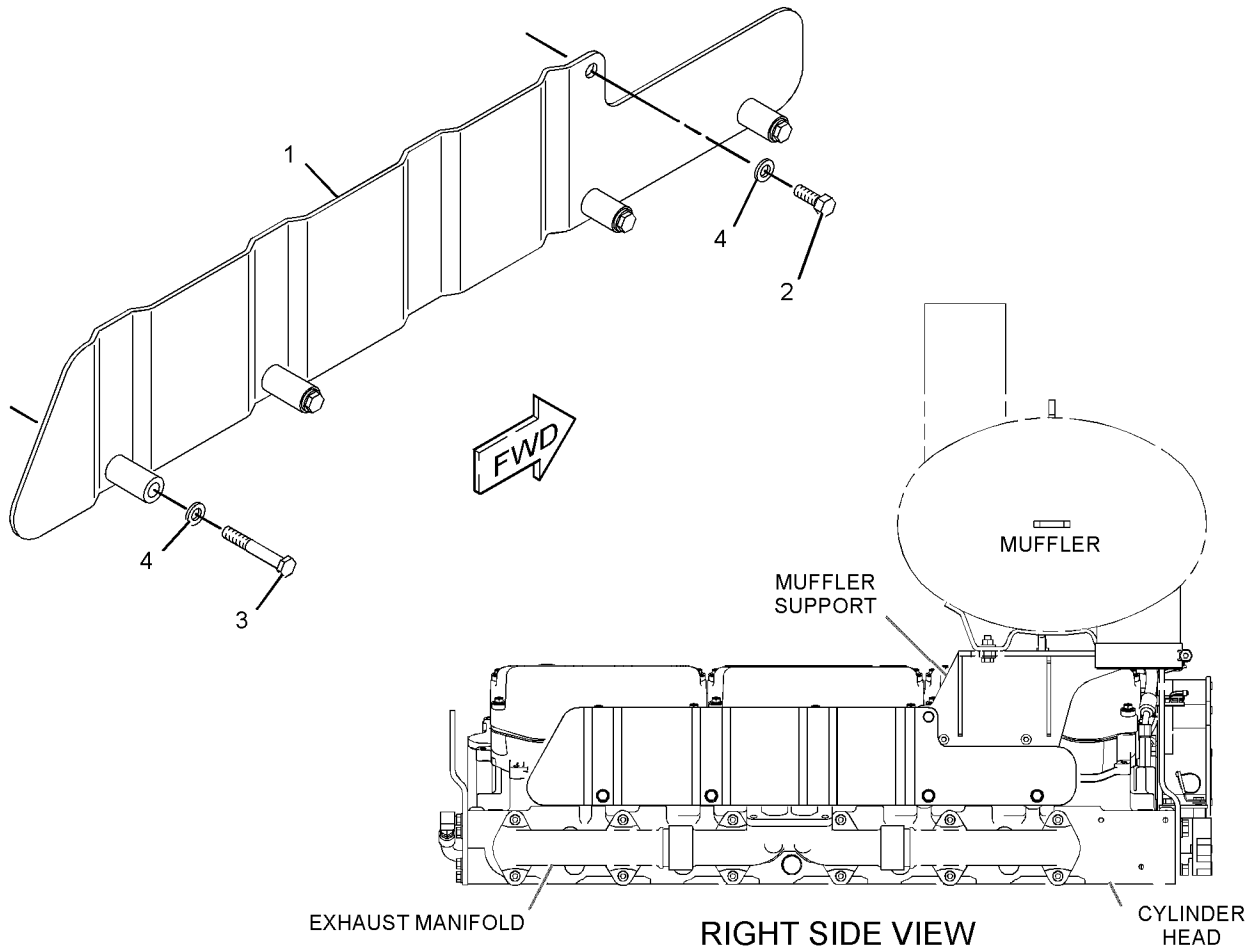
S/N: ASX1-UP

PART OF 226-9641 INSTALLATION AR-ENGINE

SMCS-1067

i02764840

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	240-3310	1	SHIELD AS-HEAT						
	2	1	4L-6454	1	BOLT (3/8-16X1-IN)						
	3	1	5P-3961	4	BOLT (3/8-16X2.5-IN)						
	4	1	8T-4896	5	WASHER-HARD (10.2X18.5X2.5-MM THK)						



GRAPHIC #1

<END>

g01162382

AIR INLET AND EXHAUST SYSTEM

262-1052 TURBOCHARGER GP

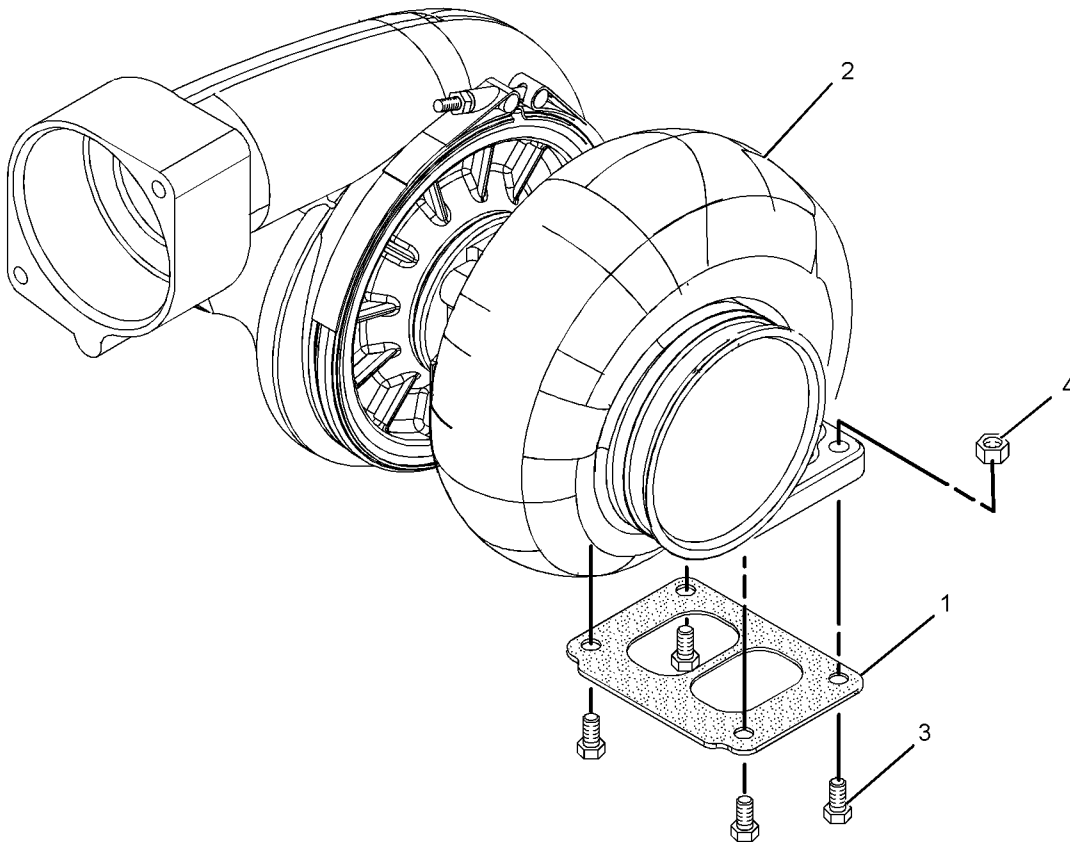
S/N: LHX1-UP

WET CENTER SECTION, EXHAUST FRONT
PART OF 225-8923 ENGINE AR-COMplete

SMCS-1052, 1053

i02289830

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	1S-4295	1	GASKET (TURBOCHARGER)	
Y	2	1	262-7099	1	TURBOCHARGER GP	145
	3	1	2N-2765	4	BOLT-HIGH TEMPERATURE (3/8-16X1.75-IN)	
	4	1	2N-2766	4	LOCKNUT (3/8-16-THD)	
Y-SEPARATE ILLUSTRATION						



GRAPHIC #1

<END>

g01127391

AIR INLET AND EXHAUST SYSTEM

262-7099 TURBOCHARGER GP

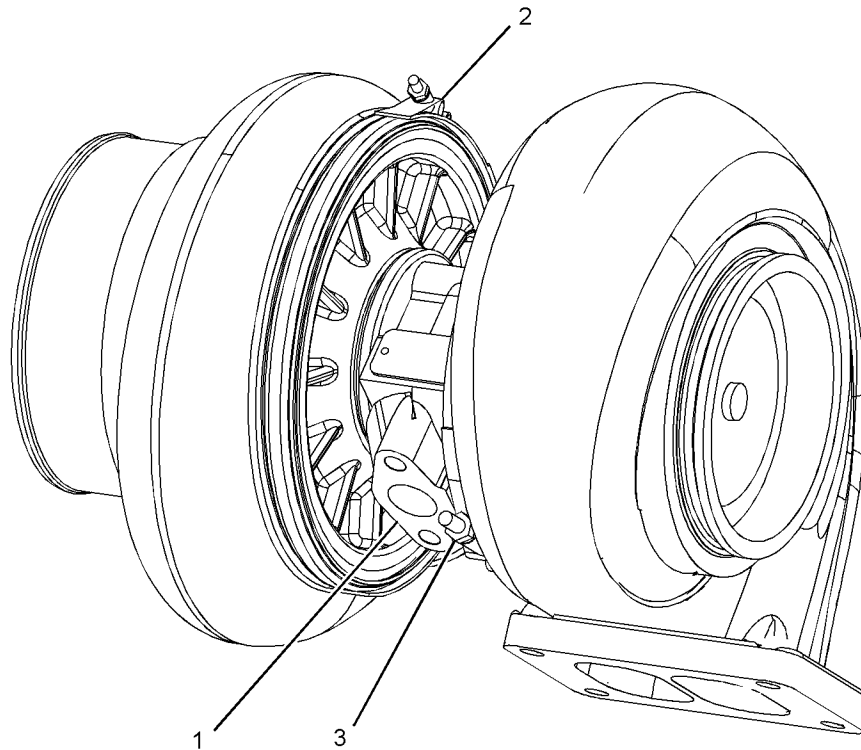
S/N: LHX1-4689

PART OF 262-1052 TURBOCHARGER GP

SMCS-1052, 1053

i02289832

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	262-6758	1	CARTRIDGE GP - TURBOCHARGER	
	2	1	7W-2297	1	CLAMP AS (COMPRESSOR)	
	3	1	9N-2038	1	CLAMP AS (TURBINE)	



GRAPHIC #1

<END>

g01154075

AIR INLET AND EXHAUST SYSTEM

262-7099 TURBOCHARGER GP*R

S/N: LHX4690-UP

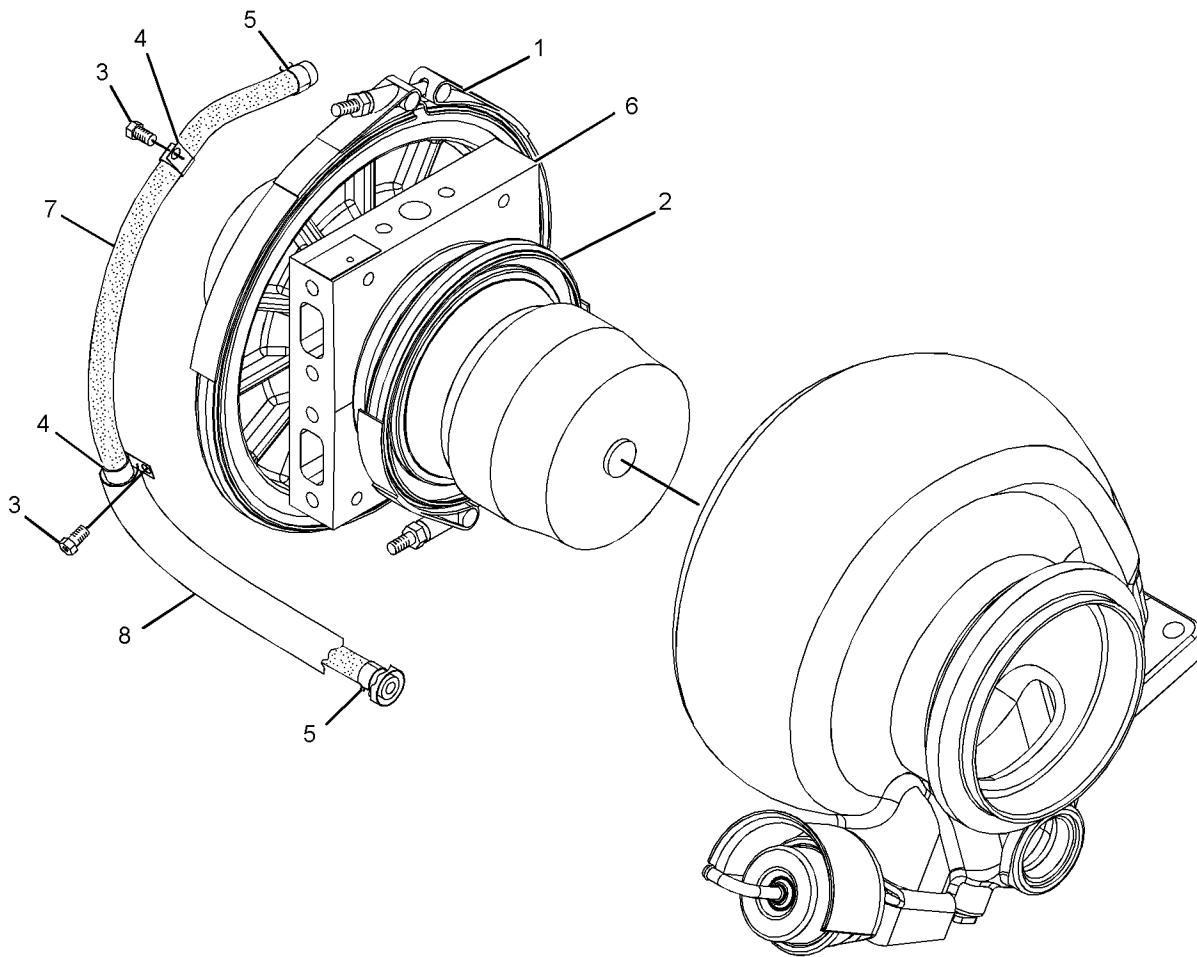
PART OF 262-1052 TURBOCHARGER GP

SMCS-1052, 1053

i02533987

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7W-2297	1	CLAMP AS (COMPRESSOR)						
	2	1	9N-2038	1	CLAMP AS (TURBINE)						
C	3	1	115-7087	2	BOLT (M6X0.04X10.4-MM)						
C	4	1	161-6958	2	CLIP-HOSE						
C	5	1	161-6963	2	CLAMP						
CR	6	1	240-7359	1	CARTRIDGE GP-TURBOCHARGER						
CE	7	1	242-3360		HOSE (49-CM)						
CE	8	1	258-4524		SLEEVE (23-CM)						

C- CHANGE FROM PREVIOUS TYPE
E- ORDER BY THE CENTIMETER
R- REMFG PART MAY BE AVAILABLE



GRAPHIC #1

<END>

g01338730

FUEL SYSTEM

221-9181 ADAPTER GP-FAST FILL FUEL

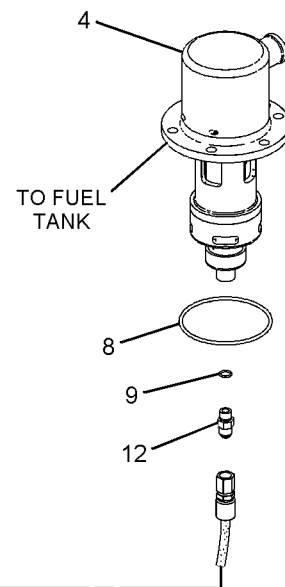
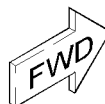
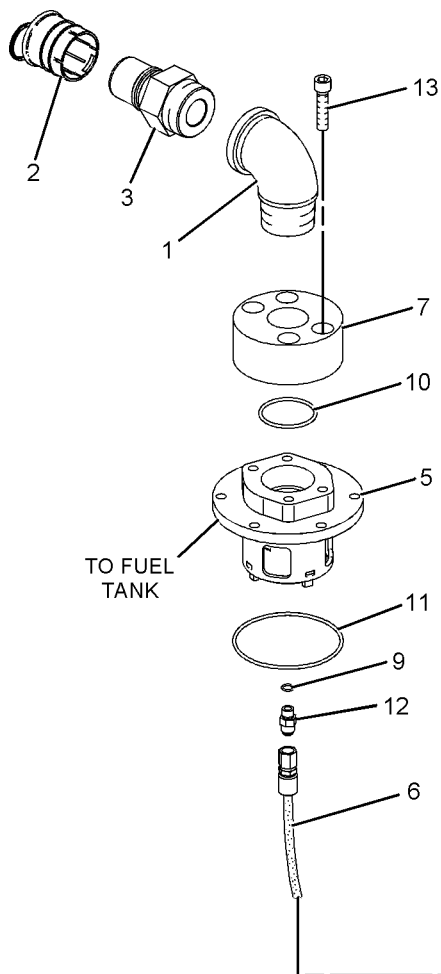
S/N: ASX1-UP
AN ATTACHMENT

SMCS-1710

i02185715

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7B-7138	1	ELBOW						
	2	1	9D-0630	1	CAP-DUST						
	3	1	124-2463	1	ADAPTER GP-FAST FILL FUEL						
	4	1	188-5095	1	VENT AS						
	5	1	221-7693	1	VALVE (FAST FILL FUEL)						
	6	1	221-9183	1	HOSE AS						
	7	1	223-5875	1	ADAPTER						
	8	1	1H-8128	1	SEAL-O-RING						
	9	1	1J-9671	2	SEAL-O-RING						
	10	1	4J-0527	1	SEAL-O-RING						
	11	1	5H-6734	1	SEAL-O-RING						
	12	1	5P-2618	2	CONNECTOR						
M	13	1	8T-7811	4	BOLT-SOCKET HEAD (M12X1.75X50-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01032345

FUEL SYSTEM

259-3140 ADAPTER GP-FAST FILL FUEL

S/N: ASX1-UP
AN ATTACHMENT

SMCS-1710

i02468693

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6Y-0091	1	BLOCK AS						
	2	1	9D-0630	1	CAP-DUST						
	3	1	124-2463	1	ADAPTER GP-FAST FILL FUEL						
	4	1	188-5095	1	VENT AS						
	5	1	221-7693	1	VALVE (FAST FILL FUEL)						
	6	1	221-9183	1	HOSE AS						
	7	1	259-3139	1	BRACKET AS						
M		1	8T-3597	2	NUT-WELD (M12X1.75-THD)						
I	8	1	259-3141	1	HOSE AS						
	9	1	1H-8128	1	SEAL-O-RING						
	10	1	1J-9671	2	SEAL-O-RING						
	11	1	1P-4582	4	FLANGE-HALF						
	12	1	4J-0527	2	SEAL-O-RING						
	13	1	5H-6734	1	SEAL-O-RING						
	14	1	5P-2618	2	CONNECTOR						
M	15	1	8T-4139	2	BOLT (M12X1.75X30-MM)						
M	16	1	8T-4184	4	BOLT (M12X1.75X45-MM)						
	17	1	8T-4223	12	WASHER-HARD (13.5X25.5X3-MM THK)						
M	18	1	8T-7929	2	BOLT (M12X1.75X180-MM)						
	19	1	8T-8919	4	BOLT (1/2-13X1.75-IN)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART

[illegible]

i02468693

g01236101

FUEL SYSTEM

233 - 8672 DRAIN GP - FUEL

S/N: ASX1-174

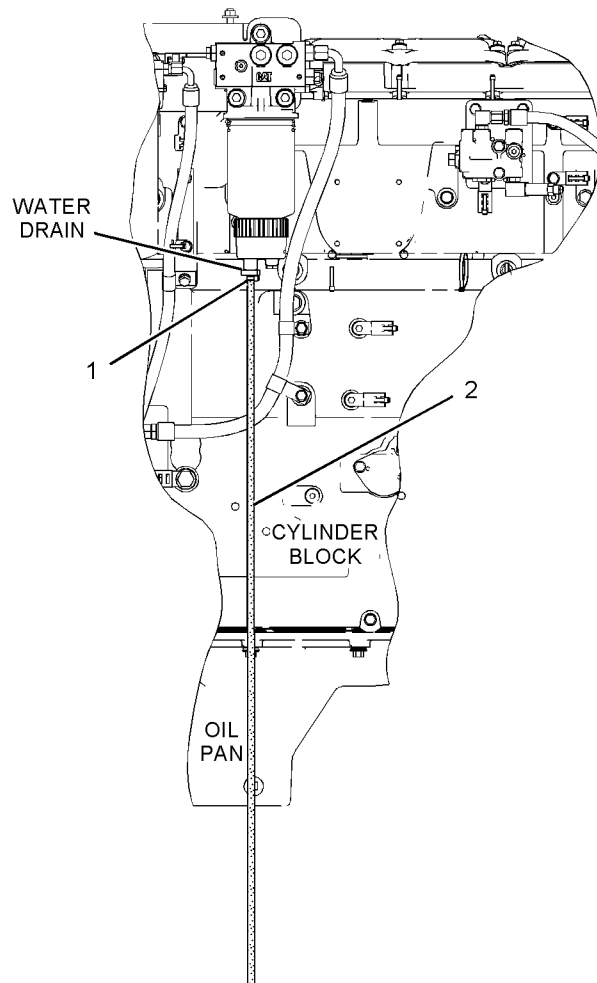
PART OF 226-9641 INSTALLATION AR-ENGINE

SMCS-1274

i02281214

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						
E	2	1	8C-6959		HOSE (114-CM)						

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g01142117

FUEL SYSTEM

269 - 3946 DRAIN GP - FUEL

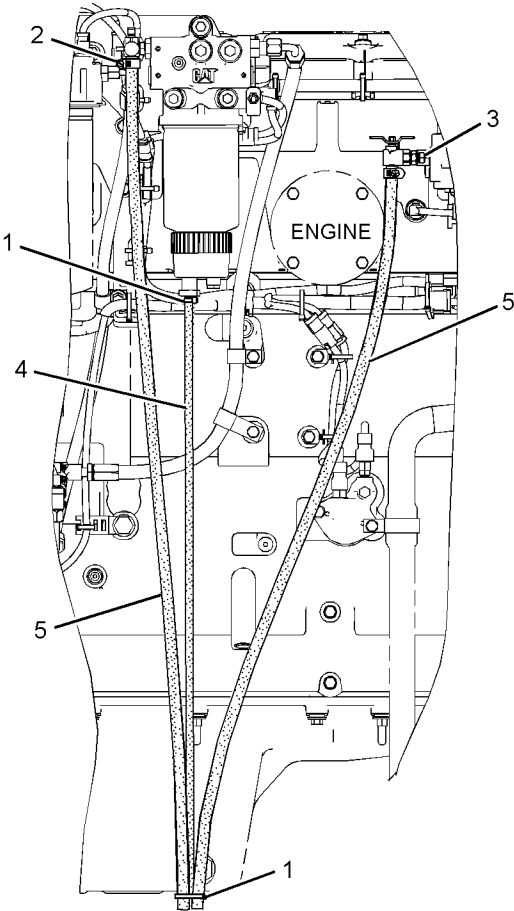
S/N: ASX175-UP

PART OF 226-9641 INSTALLATION AR-ENGINE

SMCS - 1274

i02373652

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	5P-4961	2	CLAMP - HOSE						
	3	1	260-9236	1	VALVE AS-BALL						
		1	214-7568	1	SEAL - O-RING						
		1	260-9234	1	VALVE - SHUTOFF						
E	4	1	8C-6959		HOSE (114-CM)						
E	5	1	103-2529		HOSE (288-CM)						
E- ORDER BY THE CENTIMETER											



RIGHT SIDE VIEW

<END>

GRAPHIC #1

g01191114

FUEL SYSTEM

225-0994 FILTER & MTG GP-FUEL-FUEL PRIMING PUMP

S/N: LHX1-2326

PART OF 225-8923 ENGINE AR-COMPLETE

SMCS-1261, 1262

i02761686

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1R-0762	1	FILTER AS-FUEL (ADVANCED EFFICIENCY) (SECONDARY)	
	2	1,2	3S-2093	6	STRAP-CABLE	
	3	2	6V-0852	1	CAP-DUST	
	4	1	8K-4739	1	ADAPTER	
	5	1,2	8T-9655	8	MOUNT-ISOLATION	
	6	2	9X-0262	1	ADAPTER	
	7	2	101-3120	4	SPACER (10.5X25X20-MM THK)	
	8	2	127-0785	1	ELBOW	
Y	9	1	165-5970	1	SWITCH GP-TOGGLE (FUEL PRIMING PUMP)	304
Y	10	2	190-8977	1	WATER SEP & FUEL PRM PUMP GP	192
	11	1	191-1782	1	SPACER (8.5X12.7X38.2-MM THK)	
Y	12	2	197-8391	1	SENSOR GP-TEMPERATURE (FUEL)	279
	13	1	201-4340	2	PLUG AS	
					(EACH INCLUDES)	
		1	6V-4589	1	SEAL-O-RING	
		1	9S-8006	1	PLUG-O-RING	
14	1	1	209-7659	1	PLATE-INFORMATION (FUEL PRIMING PUMP)	
15	1	1	227-3815	1	HARNESS AS-PUMP (FUEL PRIMING)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)	
		1	102-8806	1	KIT-RECEPTACLE (8-PIN)	
					(EACH RECEPTACLE KIT INCLUDES RECPTACLE AS AND WEDGE)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	3	KIT-CONNECTING PLUG (2-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS AND WEDGE)	
16	2	2	231-7086	1	BRACKET AS	
17	2	2	232-1374	1	BRACKET	
18	2	2	232-1376	2	SPACER (8.5X12.7X139.1-MM THK)	
19	1	1	237-9308	1	BASE AS	
		1	9S-4167	1	STUD-HOLLOW (1-14X1.47-IN)	
		1	201-4340	1	PLUG AS	
		1	9S-8006	1	PLUG-O-RING	
		1	6V-4589	1	SEAL-O-RING	
Y	20	2	239-2396	1	SENSOR GP-PRESSURE (FUEL)	268
Y	21	2	258-0883	1	SWITCH GP-PRESSURE (FUEL)	299
	22	2	005-4362	1	ELBOW	
	23	2	030-8188	1	CONNECTOR	
	24	2	0S-1571	8	BOLT (3/8-16X1.75-IN)	
	25	1	130-5300	1	CLIP	
	26	1,2	148-8395	2	PLUG AS	
					(EACH INCLUDES)	
		1,2	9S-8005	1	PLUG-O-RING	
		1,2	3K-0360	1	SEAL-O-RING	
27	1	1	1D-4539	1	BOLT (5/16-18X2.5-IN)	
28	2	2	3K-0360	3	SEAL-O-RING	
29	2	2	3P-1932	1	ADAPTER	
30	2	2	4F-3508	2	BOLT (5/16-18X6.5-IN)	
31	2	2	5M-2894	6	WASHER-HARD (10.2X18.5X2.5-MM THK)	
32	1	1	6K-3607	1	CONNECTOR	
33	1	1	6V-4589	2	SEAL-O-RING	
34	1,2	1,2	6V-5048	3	SEAL-O-RING	
35	1,2	1,2	7X-0613	3	WASHER-HARD (8.8X25.5X5-MM THK)	
36	1	1	8C-3446	1	VALVE-FLUID SAMPLING	
37	1,2	1,2	9N-0869	3	WASHER-HARD (8.8X25.5X2-MM THK)	
38	2	2	9X-6458	2	WASHER-HARD (10.2X22.5X3-MM THK)	

FUEL SYSTEM

225-0994 FILTER & MTG GP-FUEL (contd.)

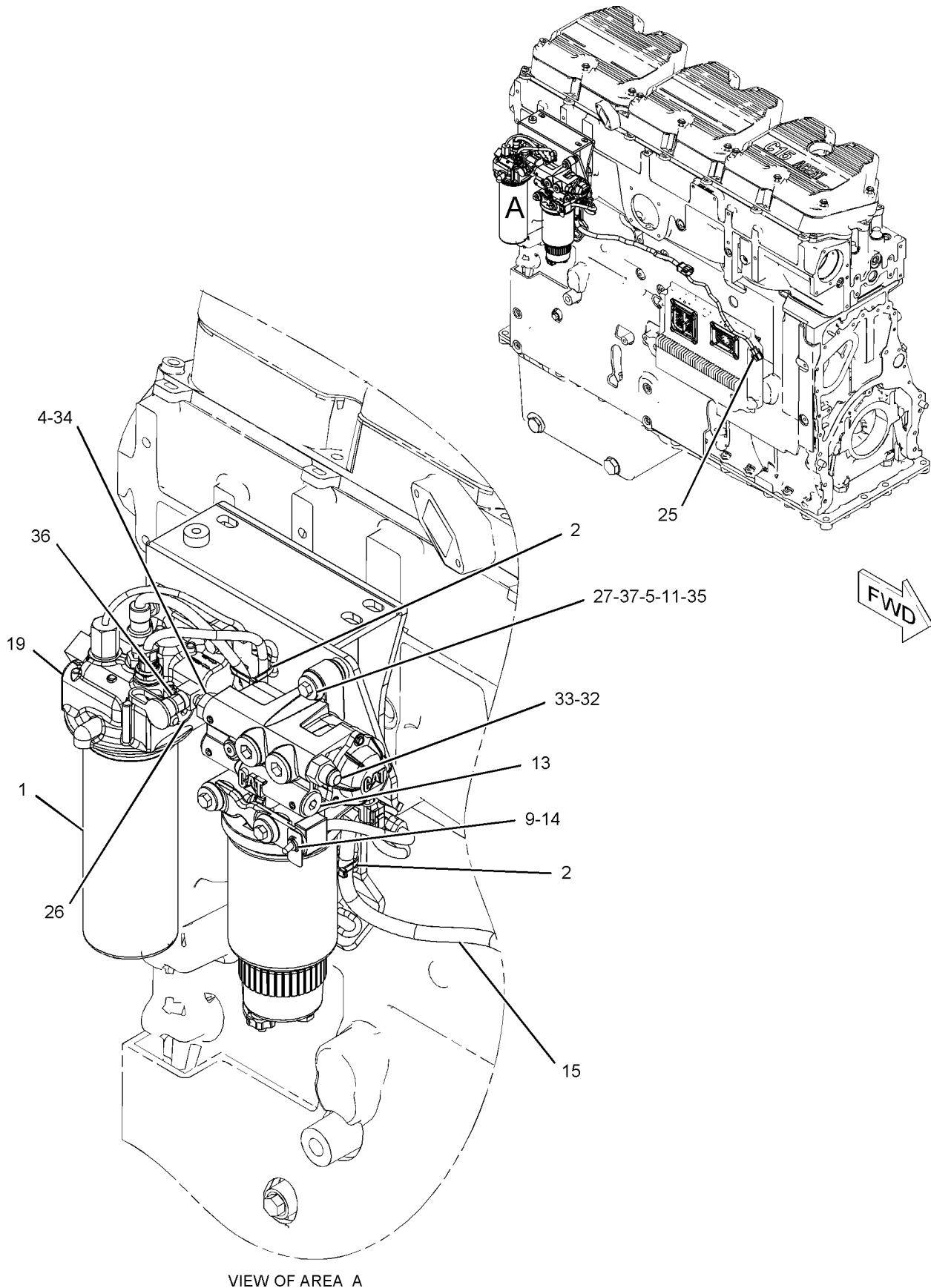
i02761686

Y-SEPARATE ILLUSTRATION

FUEL SYSTEM

225-0994 FILTER & MTG GP-FUEL (contd.)

i02761686



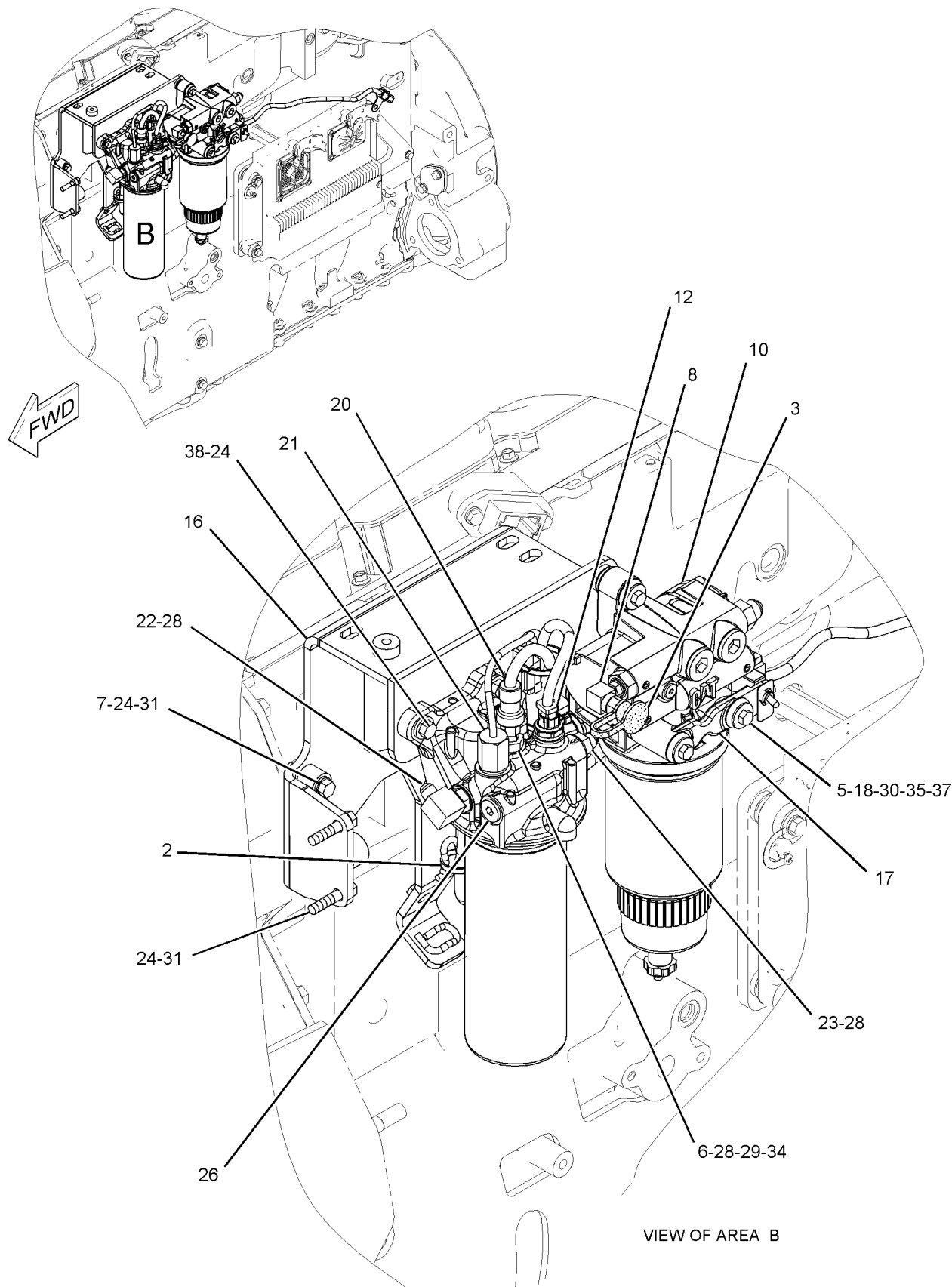
GRAPHIC #1

g01119455

FUEL SYSTEM

225-0994 FILTER & MTG GP-FUEL (contd.)

i02761686



GRAPHIC #2

<END>

g01119453

FUEL SYSTEM

225-0994 FILTER & MTG GP-FUEL-FUEL PRIMING PUMP

S/N: LHX2327-3849

PART OF 225-8923 ENGINE AR-COMPLETE

SMCS-1261, 1262

i02761687

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1R-0762	1	FILTER AS-FUEL (ADVANCED EFFICIENCY) (SECONDARY)	
	2	1, 2	3S-2093	6	STRAP-CABLE	
	3	1	8T-9655	8	MOUNT-ISOLATION	
	4	1	9X-0262	1	ADAPTER	
	5	1	101-3120	4	SPACER (10.5X25X20-MM THK)	
Y	6	2	165-5970	1	SWITCH GP-TOGGLE (FUEL PRIMING PUMP)	304
Y	7	1	190-8977	1	WATER SEP & FUEL PRM PUMP GP	192
	8	1	191-1782	1	SPACER (8.5X12.7X38.2-MM THK)	
Y	9	2	197-8391	1	SENSOR GP-TEMPERATURE (FUEL)	279
C	10	1	201-4340	1	PLUG AS	
		1	6V-4589	1	SEAL-O-RING	
		1	9S-8006	1	PLUG-O-RING	
	11	2	209-7659	1	PLATE-INFORMATION (FUEL PRIMING PUMP)	
	12	1	227-3815	1	HARNESS AS-PUMP (FUEL PRIMING)	
E		1	114-8843		SLEEVE-PLASTIC (32-MM DIA) (120-CM)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)	
		1	102-8806	1	KIT-RECEPTACLE (8-PIN)	
					(EACH KIT RECEPTACLE INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	4	KIT-CONNECTING PLUG (2-PIN)	
					(EACH KIT PLUG INCLUDES PLUG AS, INTERFACE SEAL & WEDGE)	
	13	1	231-7086	1	BRACKET AS	
	14	1	232-1374	1	BRACKET	
	15	1	232-1376	2	SPACER (8.5X12.7X139.1-MM THK)	
	16	1	237-9308	1	BASE AS	
		1	9S-4167	1	STUD-HOLLOW (1-14X1.47-IN)	
		1	201-4340	1	PLUG AS	
		1	9S-8006	1	PLUG-O-RING	
		1	6V-4589	1	SEAL-O-RING	
Y	17	1	239-2396	1	SENSOR GP-PRESSURE (FUEL)	268
Y	18	1	258-0883	1	SWITCH GP-PRESSURE (FUEL)	299
C	19	2	260-9236	1	VALVE AS-BALL	
C		2	214-7568	1	SEAL-O-RING	
C		2	260-9234	1	VALVE-SHUTOFF	
	20	2	005-4362	1	ELBOW	
	21	1	030-8188	1	CONNECTOR	
	22	1, 2	0S-1571	8	BOLT (3/8-16X1.75-IN)	
	23	1	130-5300	1	CLIP	
	24	1, 2	148-8395	2	PLUG AS	
					(EACH INCLUDES)	
		1, 2	3K-0360	1	SEAL-O-RING	
		1, 2	9S-8005	1	PLUG-O-RING	
	25	1	1D-4539	1	BOLT (5/16-18X2.5-IN)	
	26	1, 2	3K-0360	3	SEAL-O-RING	
	27	1	3P-1932	1	ADAPTER	
	28	1	4F-3508	2	BOLT (5/16-18X6.5-IN)	
	29	1	5M-2894	6	WASHER-HARD (10.2X18.5X2.5-MM THK)	
C	30	2	5P-1404	1	ADAPTER-O-RING	
	31	2	6K-3607	1	CONNECTOR	
C	32	2	6V-0484	1	ADAPTER-O-RING	
	33	2	6V-4589	2	SEAL-O-RING	
	34	1	6V-5048	1	SEAL-O-RING	

FUEL SYSTEM

225-0994 FILTER & MTG GP-FUEL (contd.)

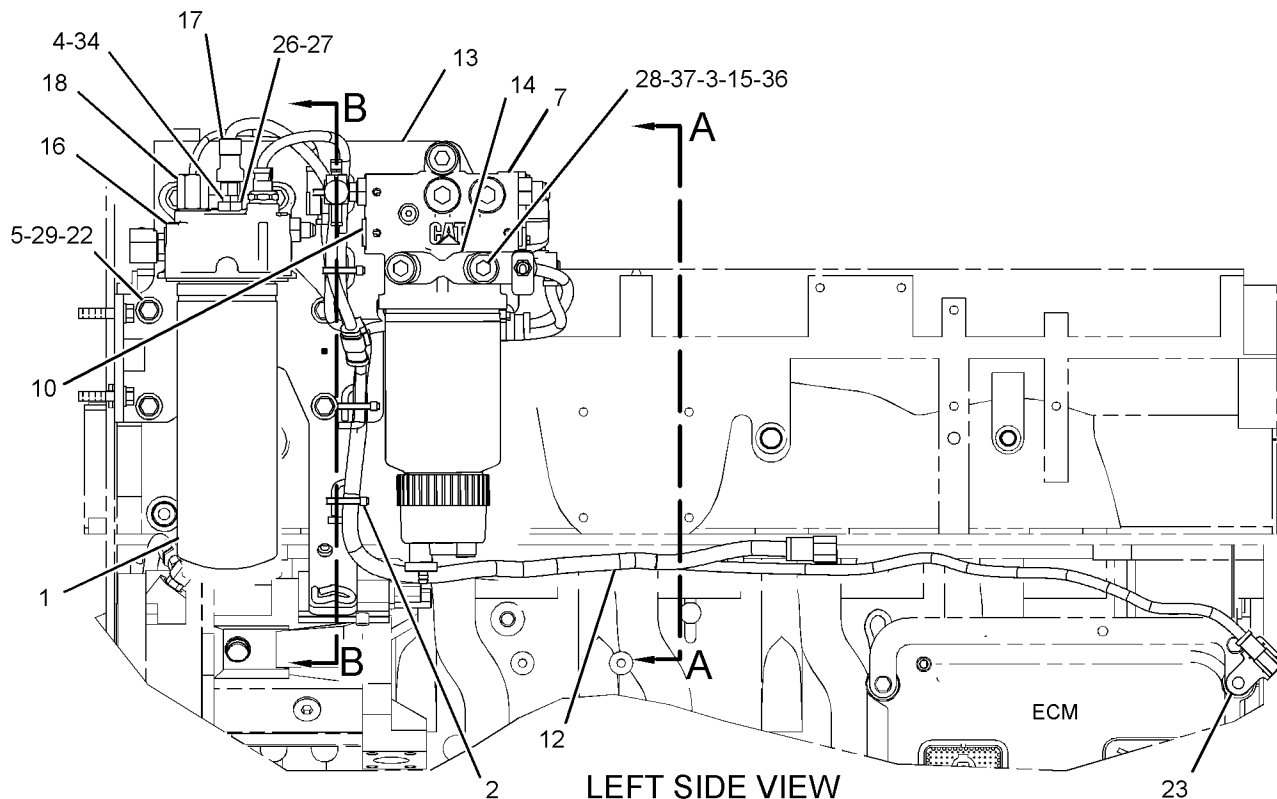
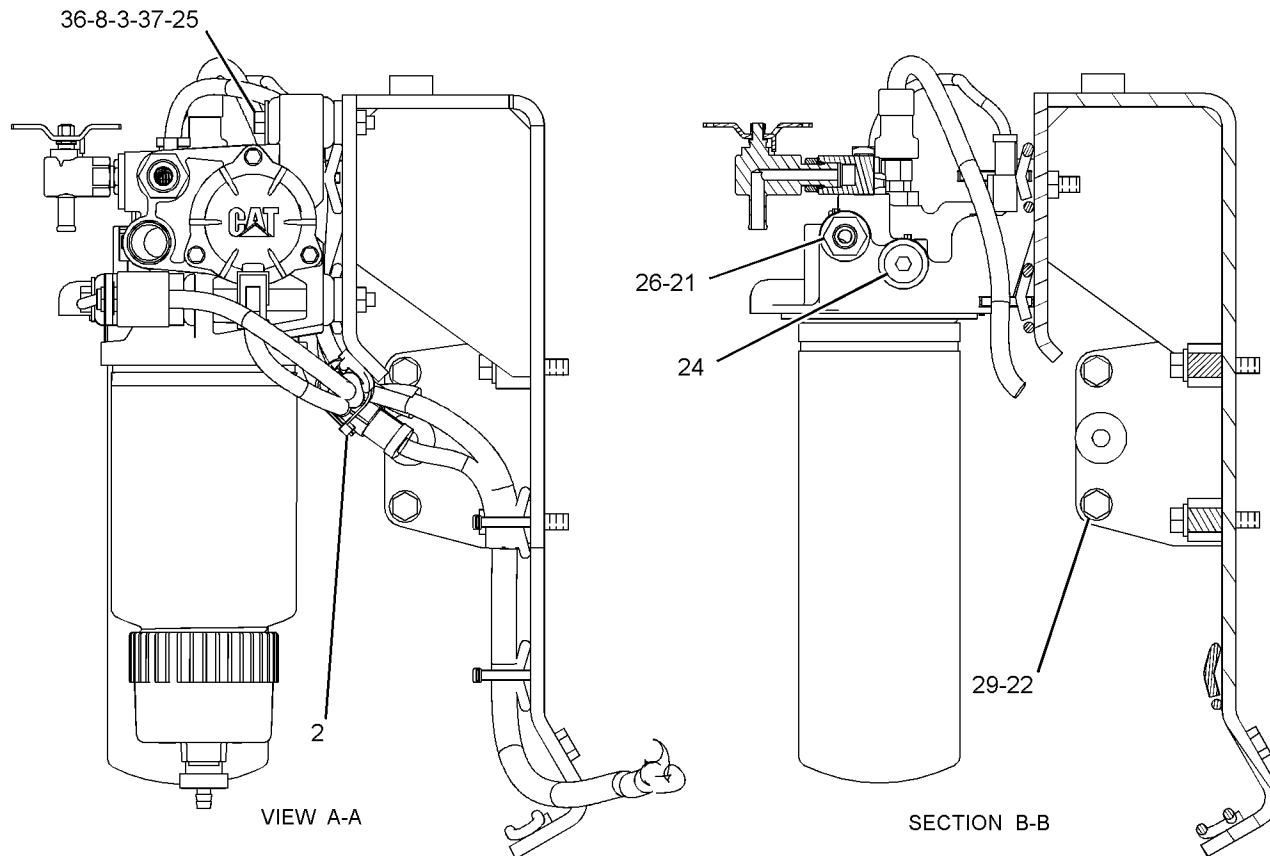
i02761687

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
C	35	2	6V-5049	1	SEAL-O-RING	
	36	1	7X-0613	3	WASHER-HARD (8.8X25.5X5-MM THK)	
	37	1	9N-0869	3	WASHER-HARD (8.8X25.5X2-MM THK)	
	38	2	9X-6458	2	WASHER-HARD (10.2X22.5X3-MM THK)	
C-CHANGE FROM PREVIOUS TYPE E-ORDER BY THE CENTIMETER Y-SEPARATE ILLUSTRATION						

FUEL SYSTEM

225 - 0994 FILTER & MTG GP - FUEL (contd.)

i02761687



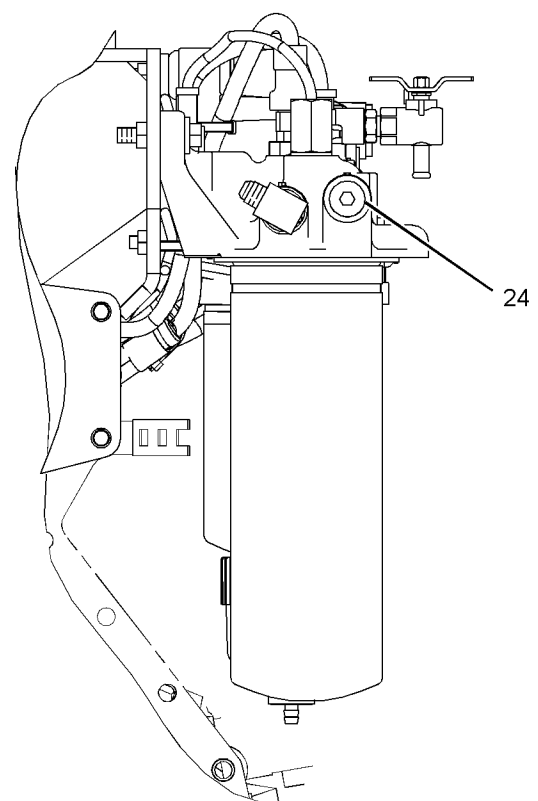
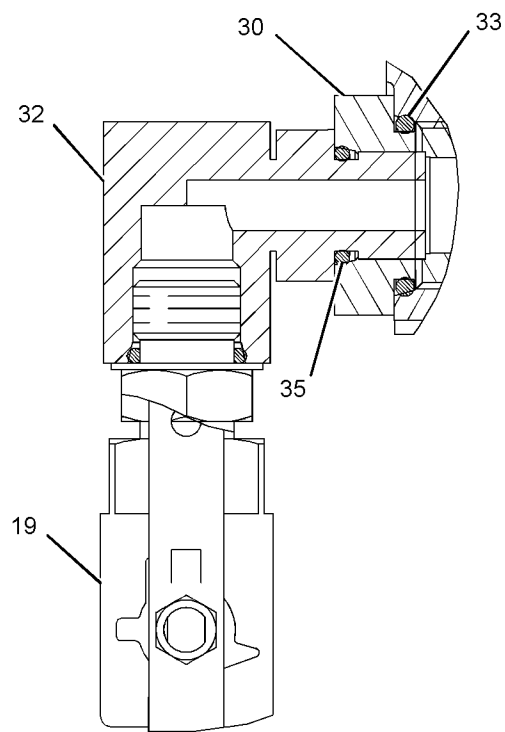
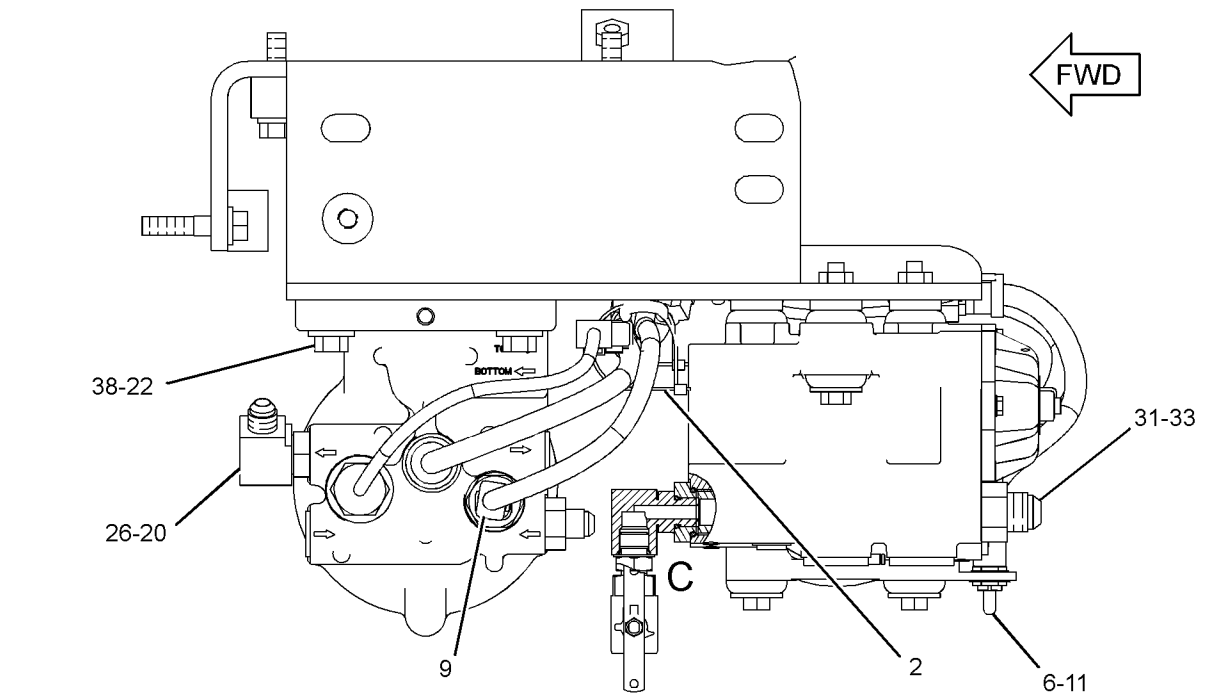
GRAPHIC #1

g01238409

FUEL SYSTEM

225-0994 FILTER & MTG GP-FUEL (contd.)

i02761687



GRAPHIC #2

<END>

g01238410

FUEL SYSTEM

225-0994 FILTER & MTG GP-FUEL-FUEL PRIMING PUMP

S/N: LHX3850-UP

PART OF 225-8923 ENGINE AR-COMplete

SMCS-1261, 1262

i02761685

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1R-0762	1	FILTER AS-FUEL (ADVANCED EFFICIENCY) (SECONDARY)	
	2	1, 2	3S-2093	6	STRAP-CABLE	
	3	1	8T-9655	8	MOUNT-ISOLATION	
	4	2	9X-0262	1	ADAPTER	
	5	1	101-3120	4	SPACER (10.5X25X20-MM THK)	
Y	6	2	165-5970	1	SWITCH GP-TOGGLE (FUEL PRIMING PUMP)	304
Y	7	1	190-8977	1	WATER SEP & FUEL PRM PUMP GP	192
	8	1	191-1782	1	SPACER (8.5X12.7X38.2-MM THK)	
	9	1	201-4340	1	PLUG AS	
		1	6V-4589	1	SEAL-O-RING	
		1	9S-8006	1	PLUG-O-RING	
	10	2	209-7659	1	PLATE-INFORMATION (FUEL PRIMING PUMP)	
	11	1	231-7086	1	BRACKET AS	
	12	1	232-1374	1	BRACKET	
	13	1	232-1376	2	SPACER (8.5X12.7X139.1-MM THK)	
CY	14	2	234-5013	1	SENSOR GP-TEMPERATURE (FUEL)	281
	15	2	237-9308	1	BASE AS	
		2	9S-4167	1	STUD-HOLLOW (1-14X1.47-IN)	
		2	201-4340	1	PLUG AS	
		2	9S-8006	1	PLUG-O-RING	
		2	6V-4589	1	SEAL-O-RING	
Y	16	2	239-2396	1	SENSOR GP-PRESSURE (FUEL)	268
	17	2	260-9236	1	VALVE AS-BALL	
		2	214-7568	1	SEAL-O-RING	
		2	260-9234	1	VALVE-SHUTOFF	
CY	18	2	275-1253	1	SWITCH GP-PRESSURE (FUEL)	300
C	19	1	276-3092	1	HARNESS AS-PUMP (FUEL PRIMING)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)	
		1	102-8806	1	KIT-RECEPTACLE (8-PIN)	
					(EACH KIT RECEPTACLE INCLUDES RECEPTACLE AS AND WEDGE)	
E		1	114-8843		SLEEVE-PLASTIC (32-MM DIA) (120-CM)	
	20	2	005-4362	1	ELBOW	
	21	1	030-8188	1	CONNECTOR (FLARED)	
	22	1, 2	0S-1571	8	BOLT (3/8-16X1.75-IN)	
	23	1	130-5300	1	CLIP	
	24	1, 2	148-8395	2	PLUG AS	
					(EACH INCLUDES)	
		1, 2	3K-0360	1	SEAL-O-RING	
		1, 2	9S-8005	1	PLUG-O-RING	
	25	1	1D-4539	1	BOLT (5/16-18X2.5-IN)	
	26	1, 2	3K-0360	3	SEAL-O-RING	
	27	2	3P-1932	1	ADAPTER	
	28	1	4F-3508	2	BOLT (5/16-18X6.5-IN)	
	29	1	5M-2894	6	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	30	2	5P-1404	1	ADAPTER-O-RING	
	31	2	6K-3607	1	CONNECTOR	
	32	2	6V-0484	1	ADAPTER-O-RING	
	33	2	6V-4589	2	SEAL-O-RING	
	34	2	6V-5048	1	SEAL-O-RING	
	35	2	6V-5049	1	SEAL-O-RING	
	36	1	7X-0613	3	WASHER-HARD (8.8X25.5X5-MM THK)	
	37	1	9N-0869	3	WASHER-HARD (8.8X25.5X2-MM THK)	
	38	2	9X-6458	2	WASHER-HARD (10.2X22.5X3-MM THK)	

FUEL SYSTEM

225-0994 FILTER & MTG GP-FUEL (contd.)

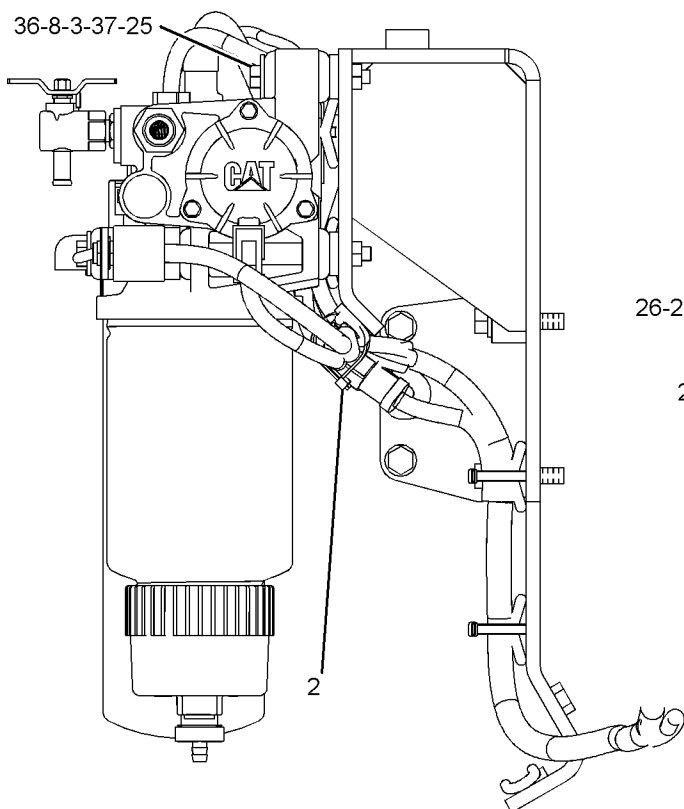
i02761685

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

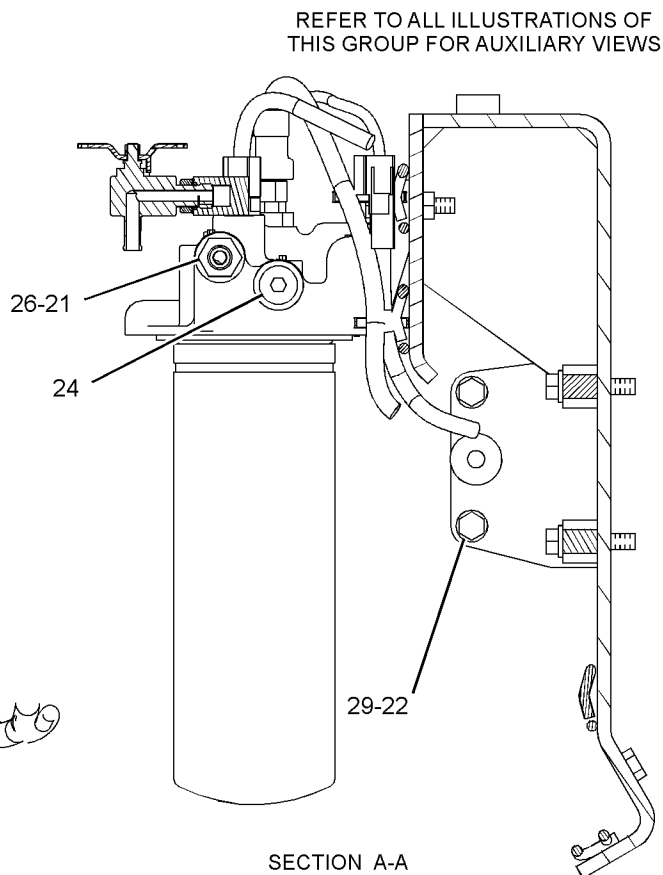
FUEL SYSTEM

225 - 0994 FILTER & MTG GP - FUEL (contd.)

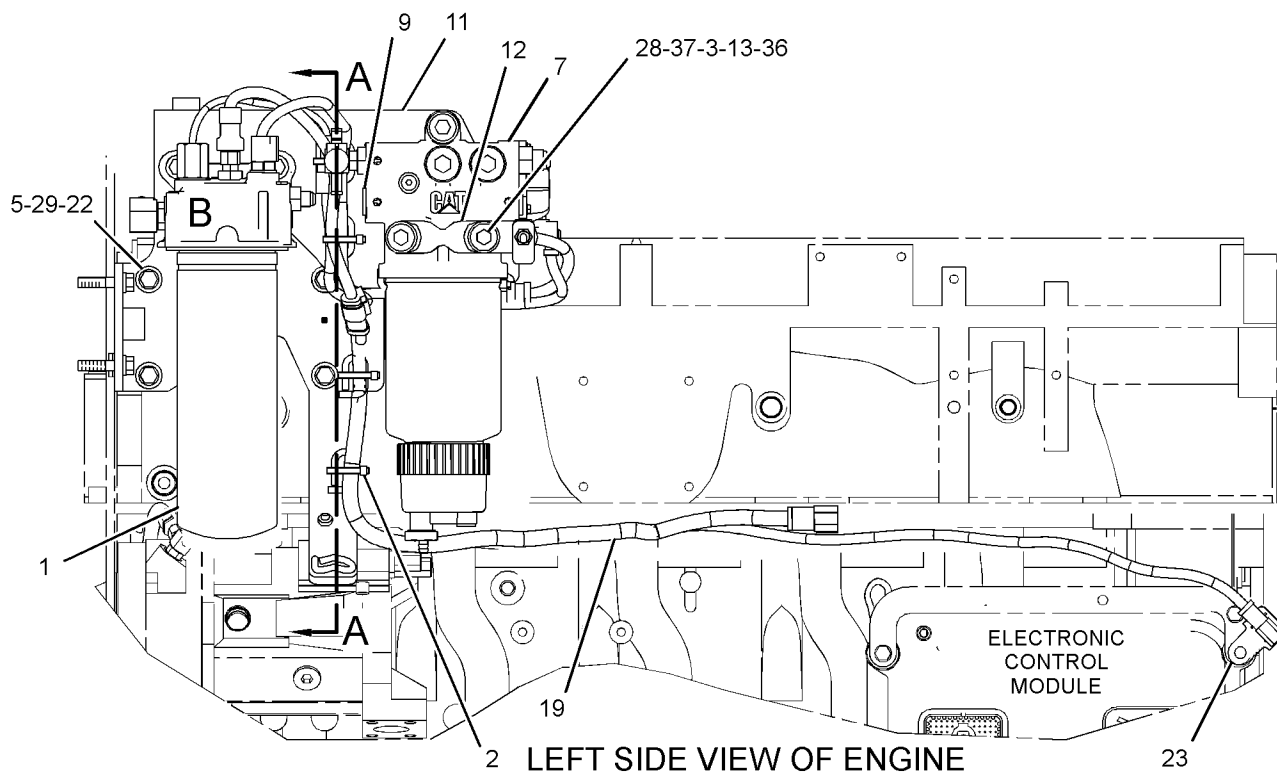
i02761685



REAR VIEW OF ENGINE



SECTION A-A



LEFT SIDE VIEW OF ENGINE

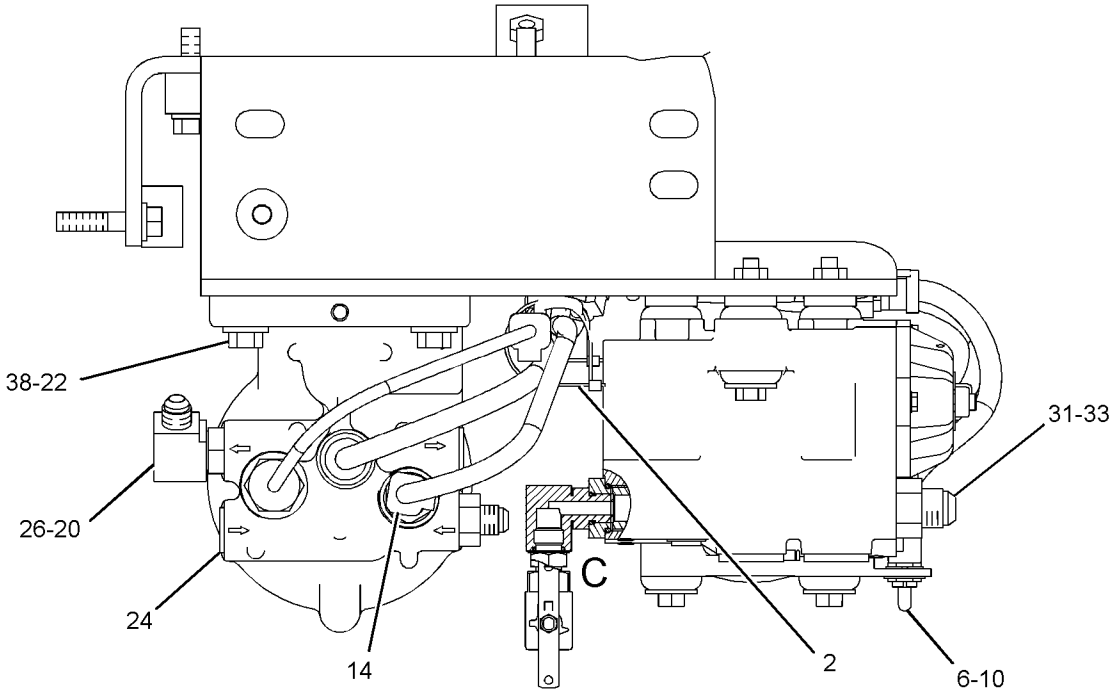
GRAPHIC #1

g01299472

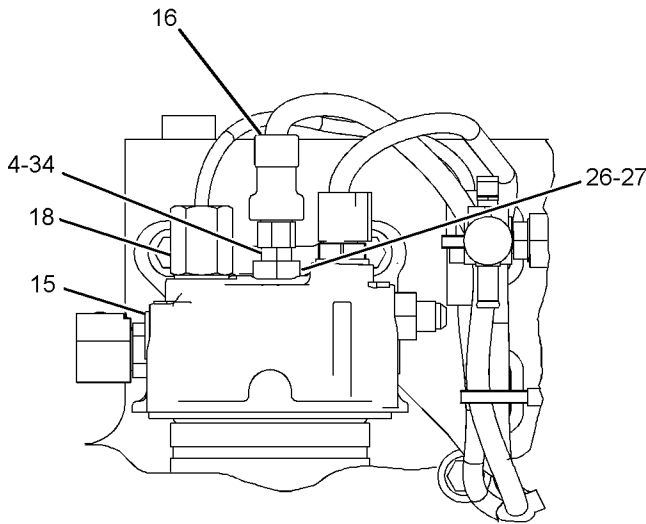
FUEL SYSTEM

225-0994 FILTER & MTG GP-FUEL (contd.)

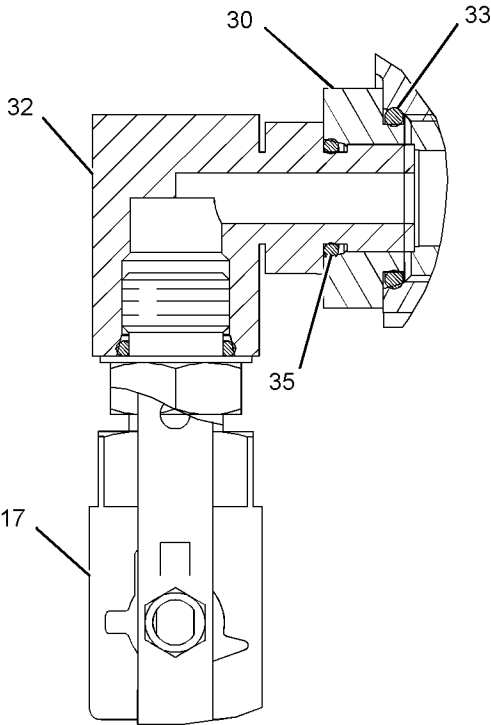
i02761685



TOP VIEW OF ENGINE



VIEW OF AREA B



VIEW OF AREA C

GRAPHIC #2

<END>

g01299471

FUEL SYSTEM

174-9570 FILTER GP-WATER SEP & FUEL-PRIMARY

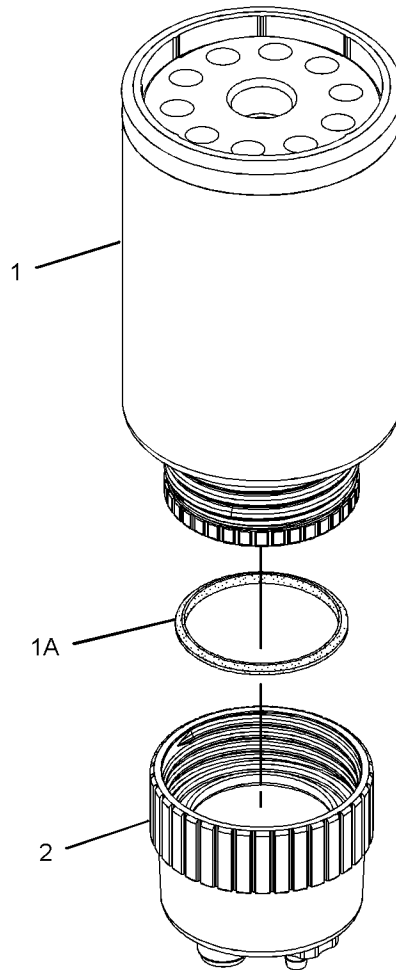
S/N: LHX1-UP

PART OF 190-8977 WATER SEP & FUEL PRM PUMP GP

SMCS-1261, 1263

i02408424

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 (FUEL, WATER SEPARATOR)						
	2	1	270-5320	1	BOWL AS (FUEL, WATER SEPARATOR)						



GRAPHIC #1

<END>

g01179858

FUEL SYSTEM

214-9044 LINES GP-FUEL

S/N: LHX1-2326

PART OF 225-8923 ENGINE AR-COMPLETE

SMCS-1274

i02312668

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6V-0852	1	CAP-DUST						
	2	1	103-4656	1	MANIFOLD-FUEL (INLET TEMP CONTROL)						
	3	1	110-8330	2	SPACER (11.3X19.05X90-MM THK)						
	5	1	147-3396	1	CONNECTOR-PORT						
	6	1	191-7805	1	ELBOW AS						
		1	6V-5049	1	SEAL-O-RING						
	7	1	232-0346	1	BRACKET AS						
Y	8	1	233-6742	1	VALVE GP-CHECK (FUEL)						188
I	9	1	253-2713	1	HOSE AS						
I	10	1	257-4154	1	HOSE AS						
I	11	1	257-4155	1	HOSE AS						
I	12	1	257-4156	1	HOSE AS						
	13	1	030-7947	1	ELBOW						
	14	1	118-4728	1	ELBOW						
	15	1	033-6042	1	SEAL-O-RING						
	16	1	0L-1143	2	BOLT (3/8-16X2.5-IN)						
	17	1	0S-1588	2	BOLT (3/8-16X1.25-IN)						
	18	1	0T-0573	1	BOLT (3/8-16X2.75-IN)						
	19	1	1A-5964	2	BOLT (3/8-16X4.5-IN)						
	20	1	1S-0994	1	CLIP						
	21	1	8M-2773	2	CLIP						
	22	1	2P-7214	1	ELBOW						
	23	1	4D-7735	1	CLIP						
	24	1	5G-9603	1	SPACER (11.03X26.6X50-MM THK)						
	25	1	5M-2894	8	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	26	1	5S-7379	2	BOLT (3/8-16X0.875-IN)						
	27	1	6V-0484	1	ADAPTER-O-RING						
	28	1	6V-5048	2	SEAL-O-RING						
	29	1	6V-5049	7	SEAL-O-RING						
	30	1	8C-3446	1	VALVE-FLUID SAMPLING (FUEL, AIR PURGE)						
	31	1	8L-2786	2	SEAL-O-RING						
	32	1	8S-0948	1	CLIP						
	33	1	9S-8002	1	PLUG-O-RING						
	34	1	9S-8004	4	PLUG-O-RING						
	35	1	9S-8005	1	PLUG-O-RING						
	36	1	9X-6458	1	WASHER-HARD (10.2X22.5X3-MM THK)						
	37	1	8S-4950	1	CAP						

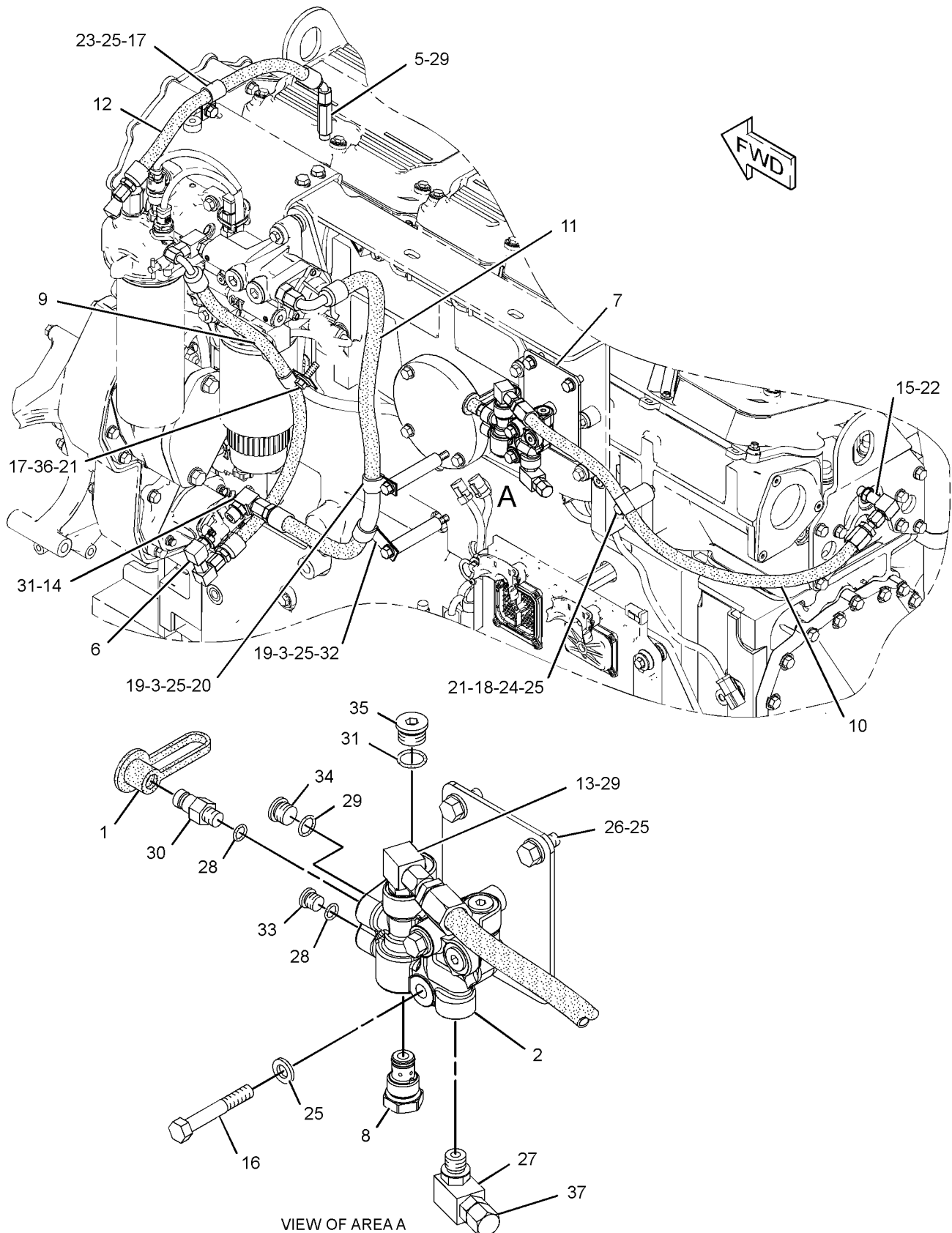
I-REFER TO HYDRAULIC INFORMATION SYSTEM

Y-SEPARATE ILLUSTRATION

FUEL SYSTEM

214-9044 LINES GP - FUEL (contd.)

i02312668



GRAPHIC #1

<END>

g01161618

FUEL SYSTEM

214-9044 LINES GP-FUEL

S/N: LHX2327-2519

PART OF 225-8923 ENGINE AR-COMPLETE

SMCS-1274

i02376409

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	1	1	175-7739	1	CLAMP						
	2	1	103-4656	1	MANIFOLD-FUEL (INLET TEMP CONTROL)						
	3	1	110-8330	2	SPACER (11.3X19.05X90-MM THK)						
	5	1	147-3396	1	CONNECTOR-PORT						
	6	1	191-7805	1	ELBOW AS						
		1	6V-5049	1	SEAL-O-RING						
	7	1	232-0346	1	BRACKET AS						
Y	8	1	233-6742	1	VALVE GP-CHECK (FUEL)						188
I	9	1	253-2713	1	HOSE AS						
I	10	1	257-4154	1	HOSE AS						
I	11	1	257-4155	1	HOSE AS						
I	12	1	257-4156	1	HOSE AS						
	13	1	030-7947	1	ELBOW						
	14	1	118-4728	1	ELBOW						
	15	1	033-6042	1	SEAL-O-RING						
	16	1	0L-1143	2	BOLT (3/8-16X2.5-IN)						
	17	1	0S-1588	2	BOLT (3/8-16X1.25-IN)						
	18	1	0T-0573	1	BOLT (3/8-16X2.75-IN)						
	19	1	1A-5964	2	BOLT (3/8-16X4.5-IN)						
	20	1	1S-0994	1	CLIP						
C	21	1	8M-2773	1	CLIP						
	22	1	2P-7214	1	ELBOW						
	23	1	4D-7735	1	CLIP						
	24	1	5G-9603	1	SPACER (11.03X26.6X50-MM THK)						
	25	1	5M-2894	8	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	26	1	5S-7379	2	BOLT (3/8-16X0.875-IN)						
	27	1	6V-0484	1	ADAPTER-O-RING						
	28	1	6V-5048	2	SEAL-O-RING						
C	29	1	6V-5049	8	SEAL-O-RING						
C	30	1	8T-2353	1	ADAPTER						
	31	1	8L-2786	2	SEAL-O-RING						
	32	1	8S-0948	1	CLIP						
	33	1	9S-8002	1	PLUG-O-RING						
	34	1	9S-8004	4	PLUG-O-RING						
	35	1	9S-8005	1	PLUG-O-RING						
	36	1	9X-6458	1	WASHER-HARD (10.2X22.5X3-MM THK)						
C	37	1	2R-6806	1	CONNECTOR-O-RING (FLARED)						

C-CHANGE FROM PREVIOUS TYPE

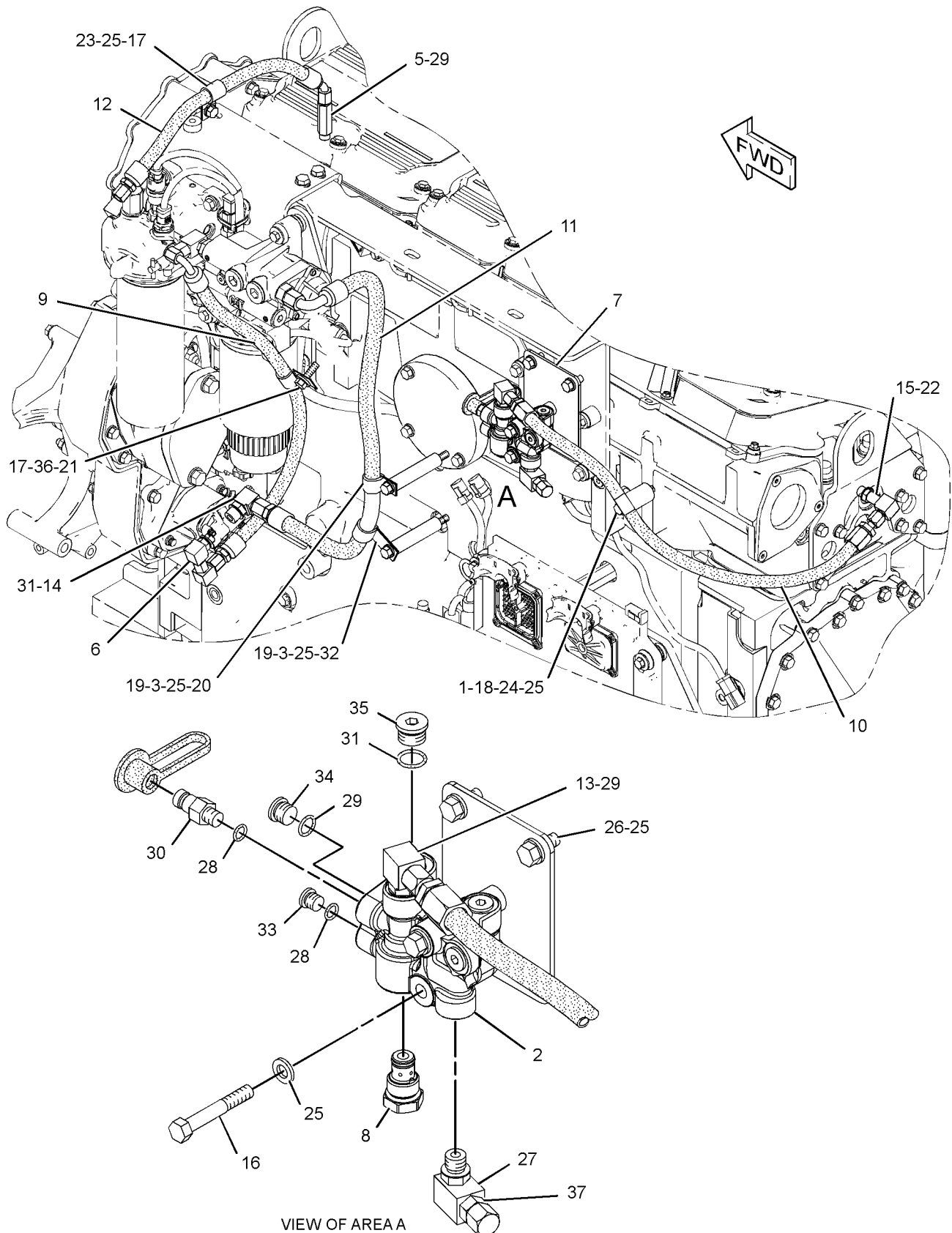
I-REFER TO HYDRAULIC INFORMATION SYSTEM

Y-SEPARATE ILLUSTRATION

FUEL SYSTEM

214-9044 LINES GP - FUEL (contd.)

i02376409



GRAPHIC #1

<END>

g01192066

FUEL SYSTEM

214-9044 LINES GP-FUEL

S/N: LHX2520-7797

PART OF 225-8923 ENGINE AR-COMPLETE

SMCS-1274

i02376412

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	1	1	175-7739	1	CLAMP						188
	2	1	103-4656	1	MANIFOLD-FUEL (INLET TEMP CONTROL)						
	3	1	110-8330	2	SPACER (11.3X19.05X90-MM THK)						
	4	1	0S-1591	1	BOLT (3/8-16X1.5-IN)						
	5	1	147-3396	1	CONNECTOR-PORT						
	6	1	191-7805	1	ELBOW AS						
		1	6V-5049	1	SEAL-O-RING						
	7	1	232-0346	1	BRACKET AS						
Y	8	1	233-6742	1	VALVE GP-CHECK (FUEL)						
I	9	1	253-2713	1	HOSE AS						
I	10	1	257-4154	1	HOSE AS						
I	11	1	257-4155	1	HOSE AS						
I	12	1	257-4156	1	HOSE AS						
	13	1	030-7947	1	ELBOW						
	14	1	118-4728	1	ELBOW						
	15	1	033-6042	1	SEAL-O-RING						
	16	1	0L-1143	2	BOLT (3/8-16X2.5-IN)						
	17	1	0S-1588	2	BOLT (3/8-16X1.25-IN)						
	18	1	0T-0573	1	BOLT (3/8-16X2.75-IN)						
	19	1	1A-5964	2	BOLT (3/8-16X4.5-IN)						
	20	1	1S-0994	1	CLIP						
C	21	1	8M-2773	1	CLIP						
	22	1	2P-7214	1	ELBOW						
	23	1	4D-7735	1	CLIP						
	24	1	5G-9603	1	SPACER (11.03X26.6X50-MM THK)						
	25	1	5M-2894	9	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	26	1	5S-7379	2	BOLT (3/8-16X0.875-IN)						
	27	1	6V-0484	1	ADAPTER-O-RING						
	28	1	6V-5048	2	SEAL-O-RING						
C	29	1	6V-5049	8	SEAL-O-RING						
C	30	1	8T-2353	1	ADAPTER						
	31	1	8L-2786	2	SEAL-O-RING						
	32	1	8S-0948	2	CLIP						
	33	1	9S-8002	1	PLUG-O-RING						
	34	1	9S-8004	4	PLUG-O-RING						
	35	1	9S-8005	1	PLUG-O-RING						
	36	1	9X-6458	1	WASHER-HARD (10.2X22.5X3-MM THK)						
C	37	1	2R-6806	1	CONNECTOR-O-RING (FLARED)						

C-CHANGE FROM PREVIOUS TYPE

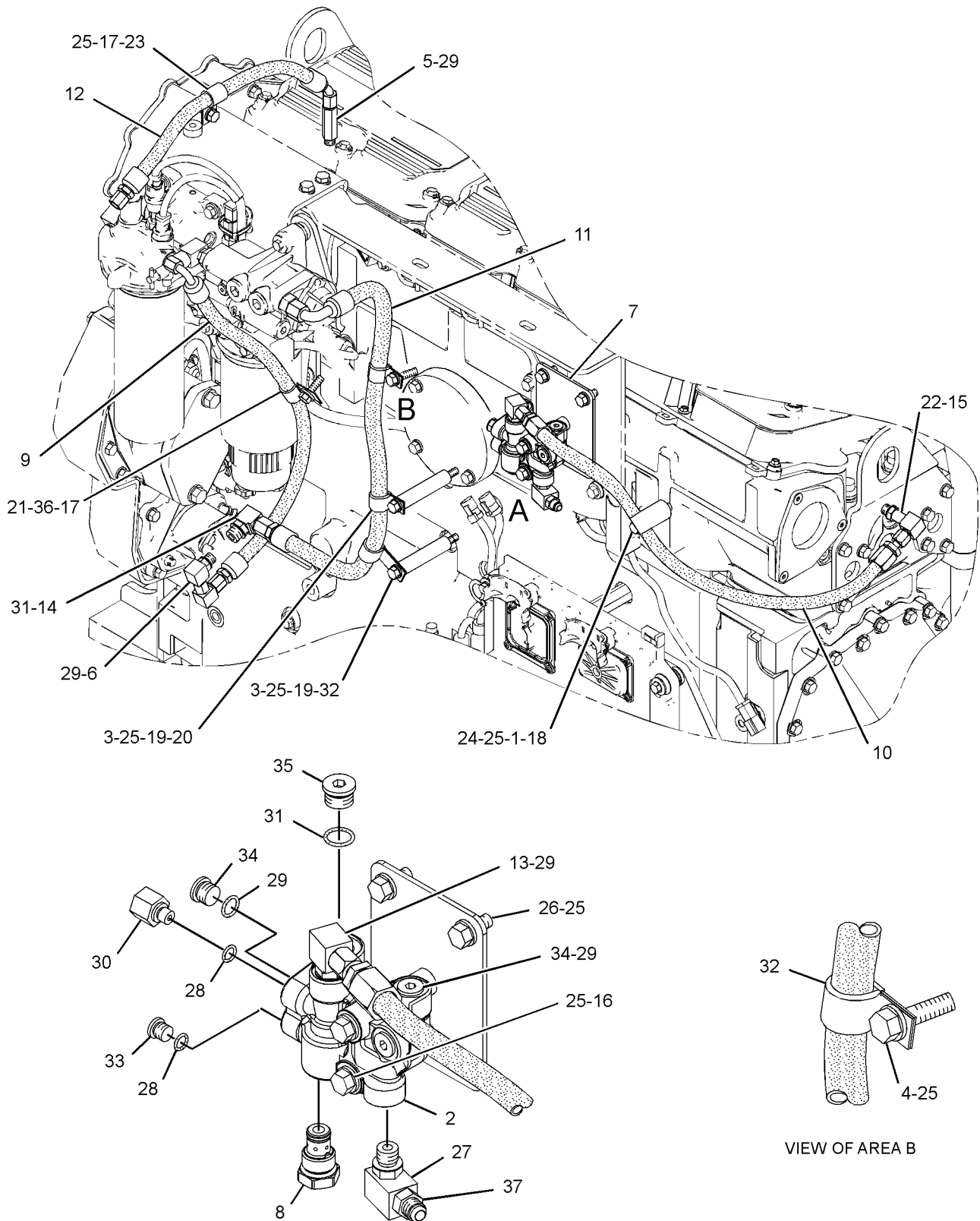
I-REFER TO HYDRAULIC INFORMATION SYSTEM

Y-SEPARATE ILLUSTRATION

FUEL SYSTEM

214-9044 LINES GP - FUEL (contd.)

i02376412



GRAPHIC #1

<END>

g01275857

FUEL SYSTEM

214-9044 LINES GP-FUEL

S/N: LHX7798-9850

PART OF 225-8923 ENGINE AR-COMplete

SMCS-1274

i02724966

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	175-7739	1	CLAMP						
	2	1	103-4656	1	MANIFOLD-FUEL (INLET TEMP CONTROL)						
	3	1	110-8330	2	SPACER (11.3X19.05X90-MM THK)						
	4	1	0S-1591	1	BOLT (3/8-16X1.5-IN)						
C	5	1	030-7937	1	CONNECTOR-PORT						
	6	1	191-7805	1	ELBOW AS						
		1	6V-5049	1	SEAL-O-RING						
	7	1	232-0346	1	BRACKET AS						
Y	8	1	233-6742	1	VALVE GP-CHECK (FUEL)						188
I	9	1	253-2713	1	HOSE AS						
I	10	1	257-4154	1	HOSE AS						
I	11	1	257-4155	1	HOSE AS						
CI	12	1	294-9703	1	HOSE AS						
	13	1	030-7947	1	ELBOW						
	14	1	118-4728	1	ELBOW						
	15	1	033-6042	1	SEAL-O-RING						
	16	1	0L-1143	2	BOLT (3/8-16X2.5-IN)						
	17	1	0S-1588	2	BOLT (3/8-16X1.25-IN)						
	18	1	0T-0573	1	BOLT (3/8-16X2.75-IN)						
	19	1	1A-5964	2	BOLT (3/8-16X4.5-IN)						
	20	1	1S-0994	1	CLIP						
	21	1	8M-2773	1	CLIP						
	22	1	2P-7214	1	ELBOW						
	23	1	4D-7735	1	CLIP						
	24	1	5G-9603	1	SPACER (11.03X26.6X50-MM THK)						
	25	1	5M-2894	9	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	26	1	5S-7379	2	BOLT (3/8-16X0.875-IN)						
C	27	1	6V-8724	1	ELBOW						
	28	1	6V-5048	2	SEAL-O-RING						
C	29	1	6V-5049	7	SEAL-O-RING						
	30	1	8T-2353	1	ADAPTER						
	31	1	8L-2786	2	SEAL-O-RING						
	32	1	8S-0948	2	CLIP						
	33	1	9S-8002	1	PLUG-O-RING						
	34	1	9S-8004	4	PLUG-O-RING						
	35	1	9S-8005	1	PLUG-O-RING						
	36	1	9X-6458	1	WASHER-HARD (10.2X22.5X3-MM THK)						
	37	1	2R-6806	1	CONNECTOR-O-RING (FLARED)						

C-CHANGE FROM PREVIOUS TYPE

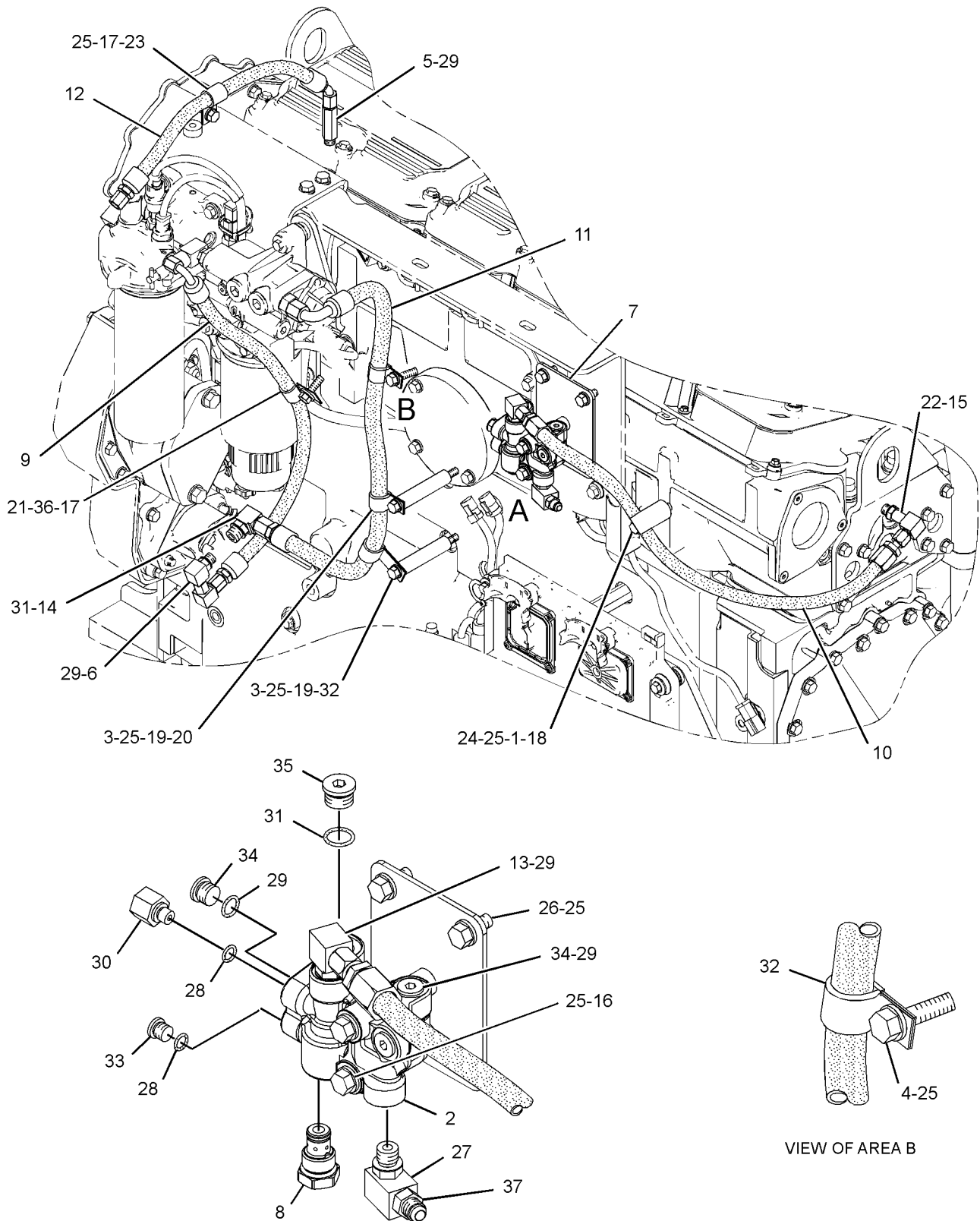
I-REFER TO HYDRAULIC INFORMATION SYSTEM

Y-SEPARATE ILLUSTRATION

FUEL SYSTEM

214-9044 LINES GP - FUEL (contd.)

i02724966



GRAPHIC #1

<END>

g01275857

FUEL SYSTEM

214-9044 LINES GP-FUEL

S/N: LHX9851-UP

PART OF 225-8923 ENGINE AR-COMPLETE

SMCS-1274

i02724985

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	103-4656	1	MANIFOLD-FUEL (INLET TEMP CONTROL)						
	2	1	110-8330	2	SPACER (11.3X19.05X90-MM THK)						
	3	1	175-7739	1	CLAMP						
	4	1	191-7805	1	ELBOW AS						
		1	6V-5049	1	SEAL-O-RING						
	5	1	232-0346	1	BRACKET AS						
Y	6	1	233-6742	1	VALVE GP-CHECK (FUEL)						188
I	7	1	253-2713	1	HOSE AS						
I	8	1	257-4155	1	HOSE AS						
I	9	1	294-9703	1	HOSE AS						
CI	10	1	300-6910	1	HOSE AS						
	11	1	030-7937	1	CONNECTOR-PORT						
	12	1	030-7947	1	ELBOW						
	13	1	030-7948	1	ELBOW						
	14	1	033-6042	1	SEAL-O-RING						
	15	1	0L-1143	2	BOLT (3/8-16X2.5-IN)						
	16	1	0S-1588	2	BOLT (3/8-16X1.25-IN)						
	17	1	0S-1591	1	BOLT (3/8-16X1.5-IN)						
	18	1	0T-0573	1	BOLT (3/8-16X2.75-IN)						
C	19	1	147-3396	1	CONNECTOR-PORT						
	20	1	1A-5964	2	BOLT (3/8-16X4.5-IN)						
	21	1	1S-0994	1	CLIP						
C	22	1	4D-7735	2	CLIP						
C	23	1	4P-8134	1	CLIP (FLARED)						
	24	1	5G-9603	1	SPACER (11.03X26.6X50-MM THK)						
	25	1	5M-2894	9	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	26	1	5S-7379	2	BOLT (3/8-16X0.875-IN)						
	27	1	6V-5048	2	SEAL-O-RING						
	28	1	6V-5049	7	SEAL-O-RING						
	29	1	8L-2786	2	SEAL-O-RING						
	30	1	8S-0948	2	CLIP						
	31	1	8T-2353	1	ADAPTER						
C	32	1	8T-7521	1	ELBOW						
	33	1	9S-8002	1	PLUG-O-RING						
	34	1	9S-8004	4	PLUG-O-RING						
	35	1	9S-8005	1	PLUG-O-RING						
	36	1	9X-6458	1	WASHER-HARD (10.2X22.5X3-MM THK)						

C-CHANGE FROM PREVIOUS TYPE

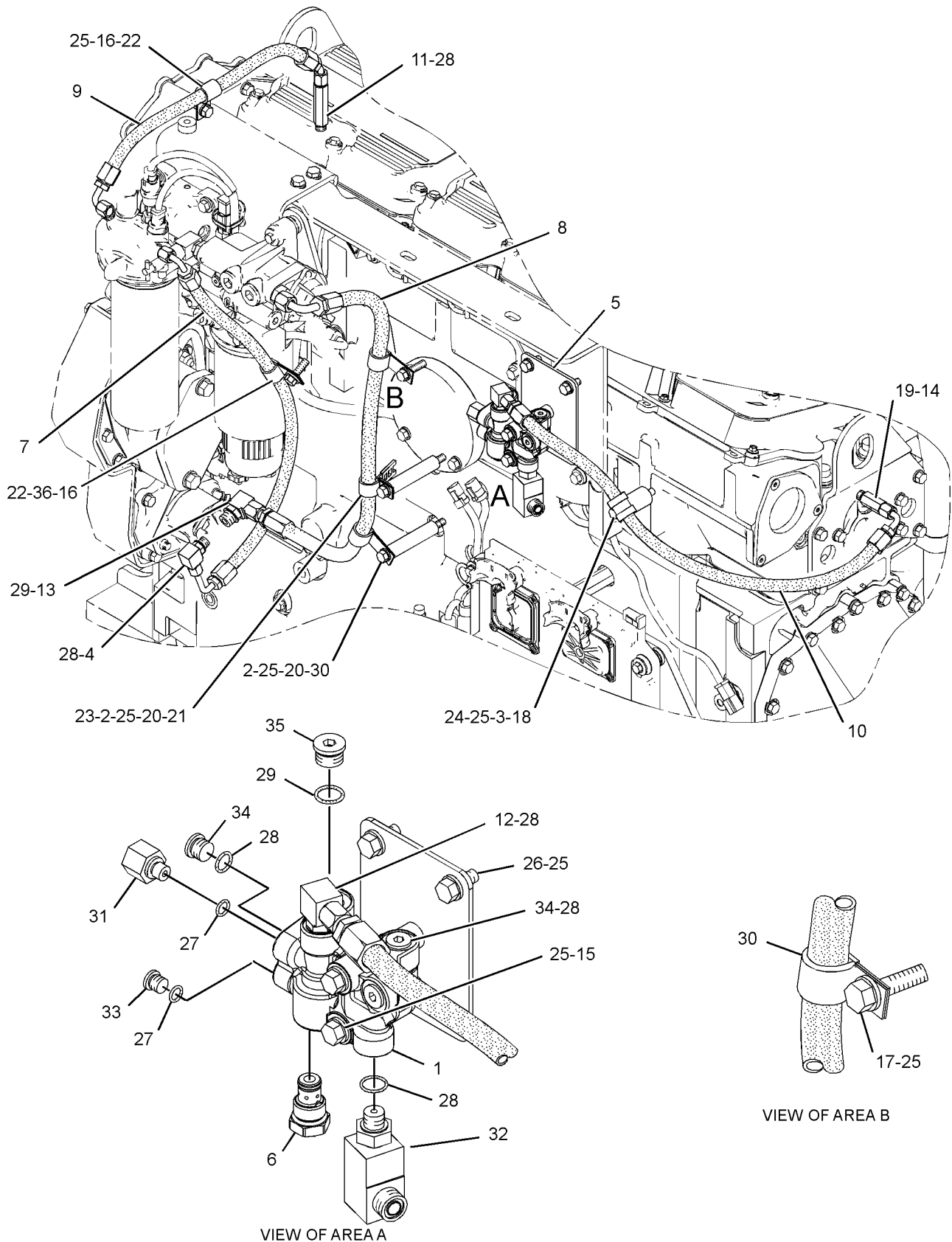
I-REFER TO HYDRAULIC INFORMATION SYSTEM

Y-SEPARATE ILLUSTRATION

FUEL SYSTEM

214-9044 LINES GP-FUEL (contd.)

i02724985



GRAPHIC #1

<END>

g01371624

FUEL SYSTEM

228 - 3338 LINES GP - FUEL

S/N: ASX1-247

PART OF 226-9594 CHASSIS AR

SMCS - 1274

i02575991

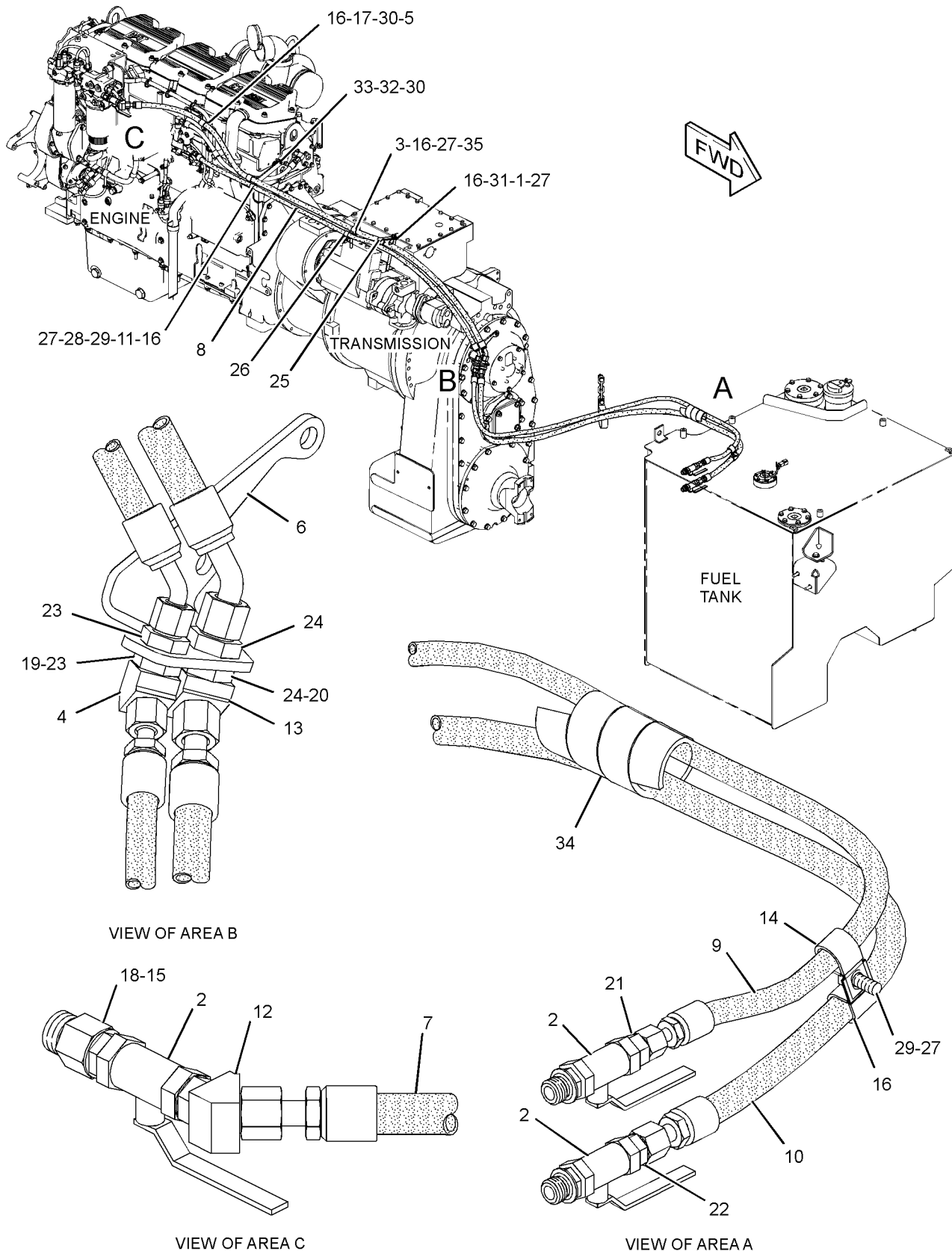
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6N-0508	1	SPACER (11.13X22.23X40.64-MM THK)						
	2	1	8T-0081	3	VALVE-BALL						
	3	1	121-1340	1	ANGLE AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	4	1	148-8366	1	ELBOW AS						
		1	6V-8987	1	ELBOW						
		1	6V-8397	2	SEAL-O-RING						
	5	1	163-5382	1	SPACER (10.5X25X0.25-MM THK)						
	6	1	201-7358	1	ANGLE						
I	7	1	228-3336	1	HOSE AS						
I	8	1	228-3337	1	HOSE AS						
I	9	1	237-4017	1	HOSE AS						
I	10	1	237-4018	1	HOSE AS						
	11	1	067-2551	1	CLIP						
	12	1	148-8354	1	ELBOW AS						
		1	6V-9002	1	ELBOW						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8398	1	SEAL-O-RING						
	13	1	148-8380	1	ELBOW AS						
		1	6V-8988	1	ELBOW (45-DEG)						
		1	6V-8398	2	SEAL-O-RING						
	14	1	1S-0994	1	CLIP						
	15	1	3K-0360	6	SEAL-O-RING						
	16	1	3S-8665	4	CLIP						
	17	1	5S-7383	1	BOLT (3/8-16X1.75-IN)						
	18	1	6V-7420	1	ADAPTER (STRAIGHT THREAD O-RING)						
	19	1	6V-8397	3	SEAL-O-RING						
	20	1	6V-8398	2	SEAL-O-RING						
	21	1	6V-8634	1	CONNECTOR						
	22	1	6V-8639	1	CONNECTOR						
	23	1	6V-9168	2	NUT (11/16-16-THD)						
	24	1	6V-9169	2	NUT-BULKHEAD (13/16-16-THD)						
	25	1	8D-9671	1	CLIP						
	26	1	8M-2773	3	CLIP						
	27	1	8T-4121	10	WASHER-HARD (11X21X2.5-MM THK)						
M	28	1	8T-4133	1	NUT (M10X1.5-THD)						
M	29	1	8T-4136	2	BOLT (M10X1.5X25-MM)						
	30	1	8T-4896	4	WASHER-HARD (10.2X18.5X2.5-MM THK)						
M	31	1	8T-6408	1	BOLT (M10X1.5X160-MM)						
	32	1	9B-7237	2	BOLT (3/8-16X1.25-IN)						
	33	1	9N-1909	1	BRACKET						
E	34	1	206-2736		GUARD-HOSE (84-CM)						
M	35	1	8T-5005	1	BOLT (M10X1.5X70-MM)						

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

FUEL SYSTEM

228 - 3338 LINES GP - FUEL (contd.)

i02575991



GRAPHIC #1

<END>

g01278995

FUEL SYSTEM

228 - 3338 LINES GP - FUEL

S/N: ASX248-UP

PART OF 226-9594, 300-6281 CHASSIS AR

SMCS-1274

i02756694

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	4I-7889	1	SPACER (11X25X45-MM THK)	
	2	2	121-1340	1	ANGLE AS	
M		2	8T-3490	1	NUT-WELD (M10X1.5-THD)	
C	3	2	171-6729	3	VALVE GP-SHUTOFF (MANUAL) (FUEL)	
					(EACH INCLUDES)	
		2	3K-0360	1	SEAL-O-RING	
		2	8T-0081	1	VALVE-BALL	
CI	4	1	284-6671	1	HOSE AS	
CI	5	1	284-6673	1	HOSE AS	
CI	6	2	284-6674	1	HOSE AS	
CI	7	2	284-6675	1	HOSE AS	
C	8	1	284-6676	1	BRACKET AS	
C	9	2	284-6677	1	BRACKET	
C	10	2	294-9299	1	BRACKET AS	
C	11	2	148-8318	1	CONNECTOR AS	
		2	3K-0360	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	6V-8634	1	CONNECTOR	
C	12	2	148-8340	1	CONNECTOR AS	
		2	3K-0360	1	SEAL-O-RING	
		2	6V-8398	1	SEAL-O-RING	
		2	6V-8639	1	CONNECTOR	
C	13	2	150-3037	1	ELBOW AS	
		2	3K-0360	1	SEAL-O-RING	
		2	7J-9108	1	SEAL-O-RING	
		2	8T-2530	1	ELBOW	
	14	2	1S-0994	1	CLIP	
C	15	2	281-5968	1	ELBOW AS	
		2	6V-8397	1	SEAL-O-RING	
		2	6V-8398	1	SEAL-O-RING	
		2	8T-5465	1	ELBOW	
C	16	2	281-5969	1	ELBOW AS	
		2	6V-8398	1	SEAL-O-RING	
		2	6V-9796	1	ELBOW	
		2	7J-9108	1	SEAL-O-RING	
C	17	2	2J-1020	1	SPACER (13.9X21.34X35-MM THK)	
C	18	1	3B-1915	2	BOLT (3/8-16X1.375-IN)	
C	19	2	3K-0360	1	SEAL-O-RING	
C	20	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)	
C	21	1	5P-1075	1	WASHER-HARD (10.2X22.5X3-MM THK)	
C	22	1	5P-3345	1	BOLT (3/8-16X3-IN)	
C	23	1	5P-7464	1	CLIP (SLOT)	
C	24	1	5P-7465	1	CLIP (TAB)	
C	25	1,2	6D-4244	6	CLIP	
C	26	1,2	6D-4246	4	CLIP	
C	27	1	6V-1249	1	GROMMET	
	28	2	6V-7420	1	ADAPTER (STRAIGHT THREAD O-RING)	
	29	1	6V-8398	1	SEAL-O-RING	
	30	2	6V-9169	2	NUT-BULKHEAD (13/16-16-THD)	
C	31	2	6V-9170	2	NUT-BULKHEAD (1-14-THD)	
C	32	1	7D-7233	1	CLIP	
C	33	1	7W-8106	1	SPACER (11.13X19.05X0.25-MM THK)	
CM	34	2	7X-2545	1	BOLT (M10X1.5X150-MM)	
	35	2	8M-2773	1	CLIP	
C	36	2	8S-0948	1	CLIP	
C	37	1,2	8T-4121	11	WASHER-HARD (11X21X2.5-MM THK)	

FUEL SYSTEM

228-3338 LINES GP-FUEL (contd.)

i02756694

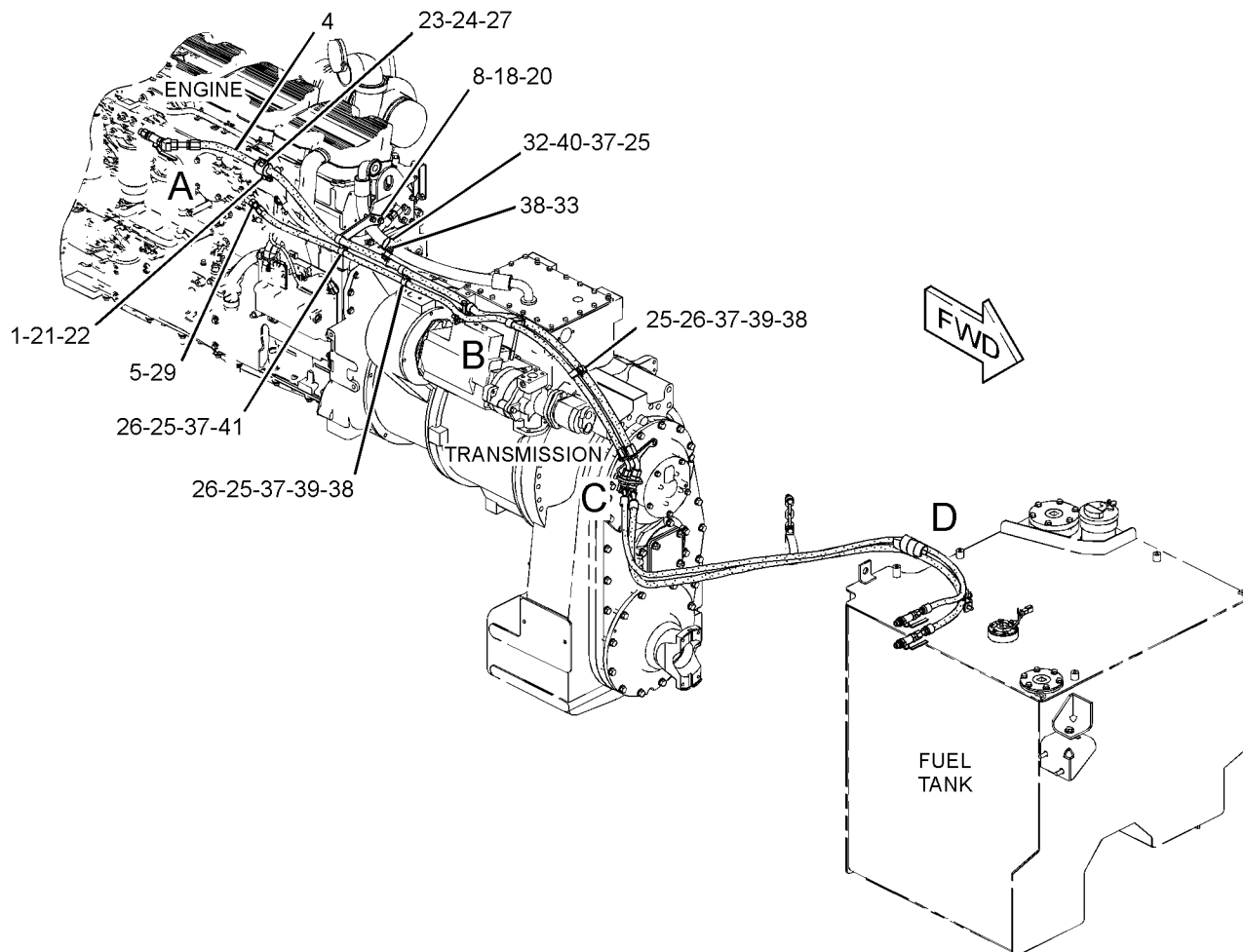
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
CM	38	1	8T-4133	3	NUT (M10X1.5-THD)						
CM	39	1, 2	8T-4136	4	BOLT (M10X1.5X25-MM)						
CM	40	1	8T-4186	1	BOLT (M10X1.5X40-MM)						
CM	41	1	8T-4196	1	BOLT (M10X1.5X35-MM)						
C	42	2	8T-4896	1	WASHER-HARD (10.2X18.5X2.5-MM THK)						
M	43	2	8T-5005	1	BOLT (M10X1.5X70-MM)						
C	44	2	9B-7237	1	BOLT (3/8-16X1.25-IN)						
E	45	2	206-2736		GUARD-HOSE (84-CM)						

C- CHANGE FROM PREVIOUS TYPE

E- ORDER BY THE CENTIMETER

I- REFER TO HYDRAULIC INFORMATION SYSTEM

M- METRIC PART



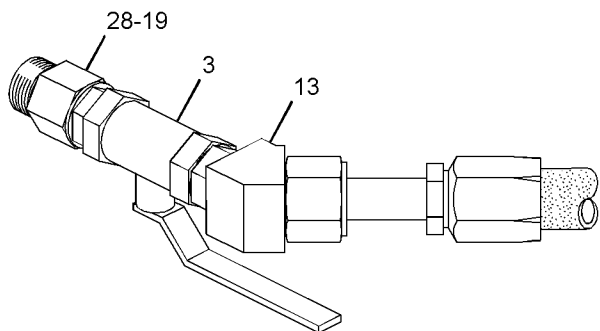
GRAPHIC #1

g01364854

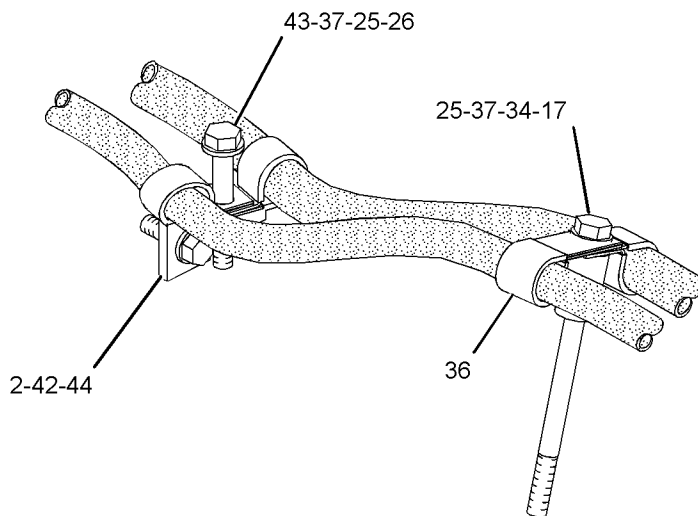
FUEL SYSTEM

228 - 3338 LINES GP - FUEL (contd.)

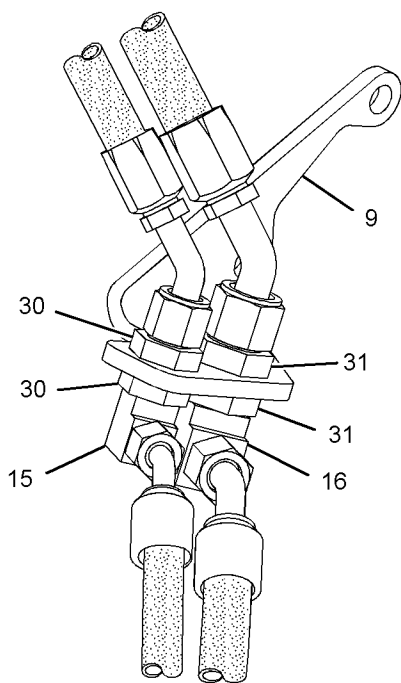
i02756694



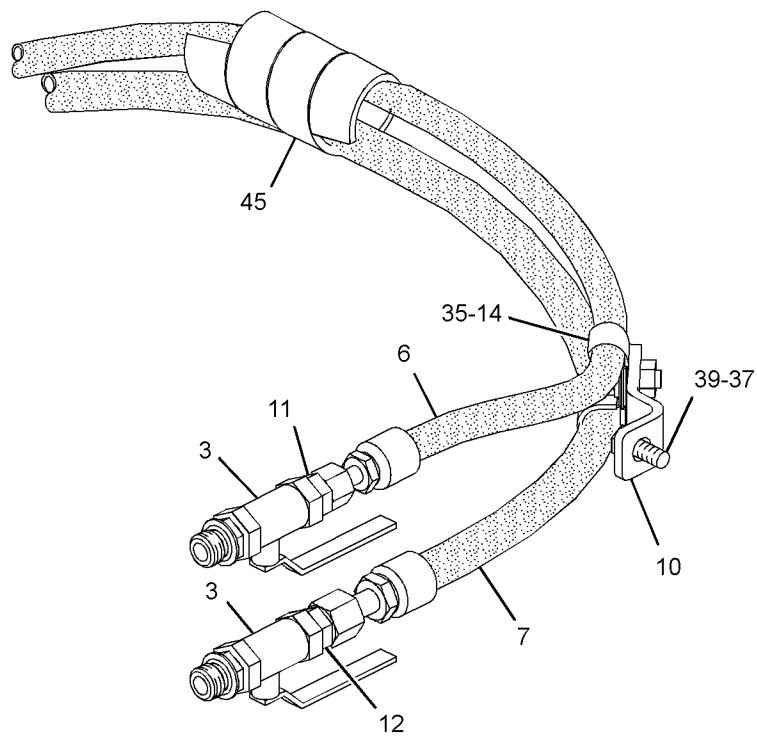
VIEW OF AREA A



VIEW OF AREA B



VIEW OF AREA C



VIEW OF AREA D

GRAPHIC #2

<END>

g01365221

FUEL SYSTEM

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

S/N: LHX1-7081

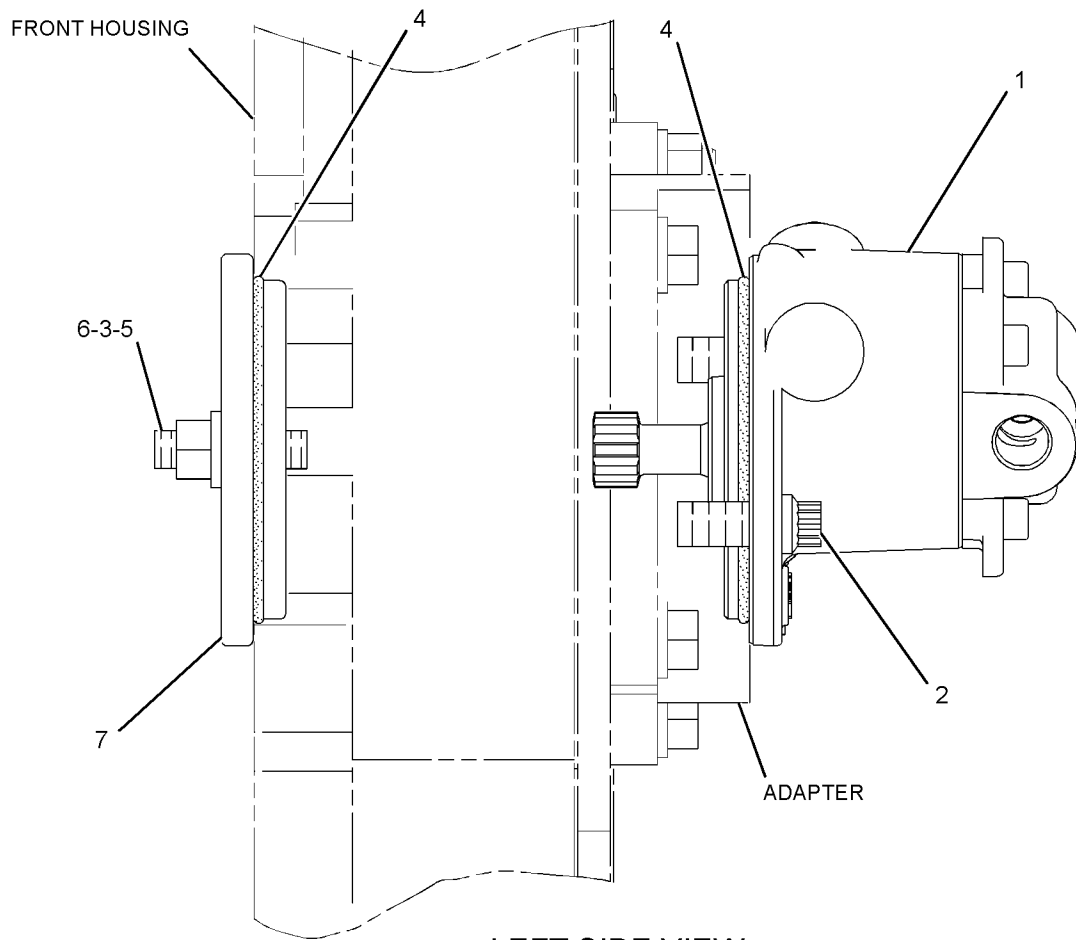
ALLOWS USE OF FRONT MOUNTED PUMP EXCEPT WHEN LH MOUNTING GP-ALTERNATOR IS PROVIDED

PART OF 225-8923 ENGINE AR-COMplete

SMCS-1256

i02510710

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



LEFT SIDE VIEW

<END>

GRAPHIC #1

g01262029

FUEL SYSTEM

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

S/N: LHX7082-UP

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

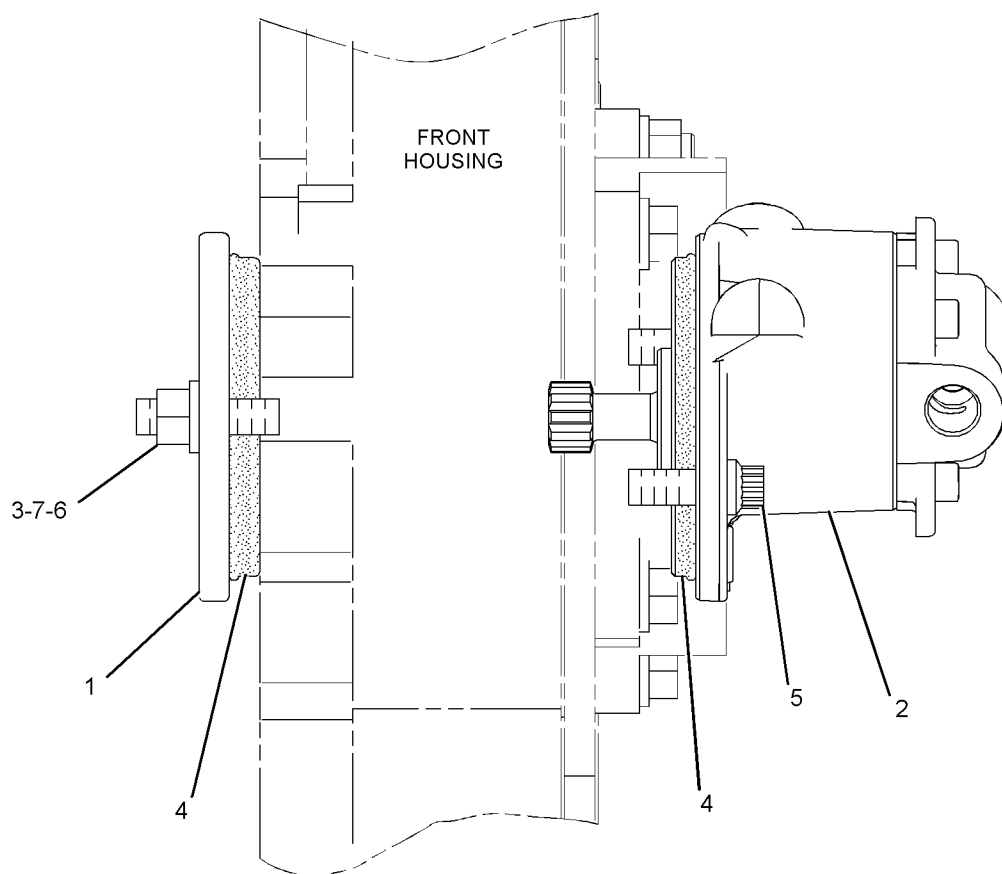
PART OF 225-8923 ENGINE AR-COMPLETE

SMCS-1256

i02717305

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	133-9116	1	COVER						
C	2	1	290-8866	1	PUMP GP-FUEL TFR & PRIMING						
	3	1	0S-0699	2	STUD						
	4	1	107-5769	2	SEAL-O-RING						
	5	1	1T-0765	2	BOLT (3/8-16X1-IN)						
	6	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	7	1	9S-8752	2	NUT-FULL (3/8-16-THD)						

C- CHANGE FROM PREVIOUS TYPE



LEFT SIDE VIEW OF ENGINE

<END>

GRAPHIC #1

g01364794

FUEL SYSTEM

235 - 1401 PUMP GP-FUEL INJECTION

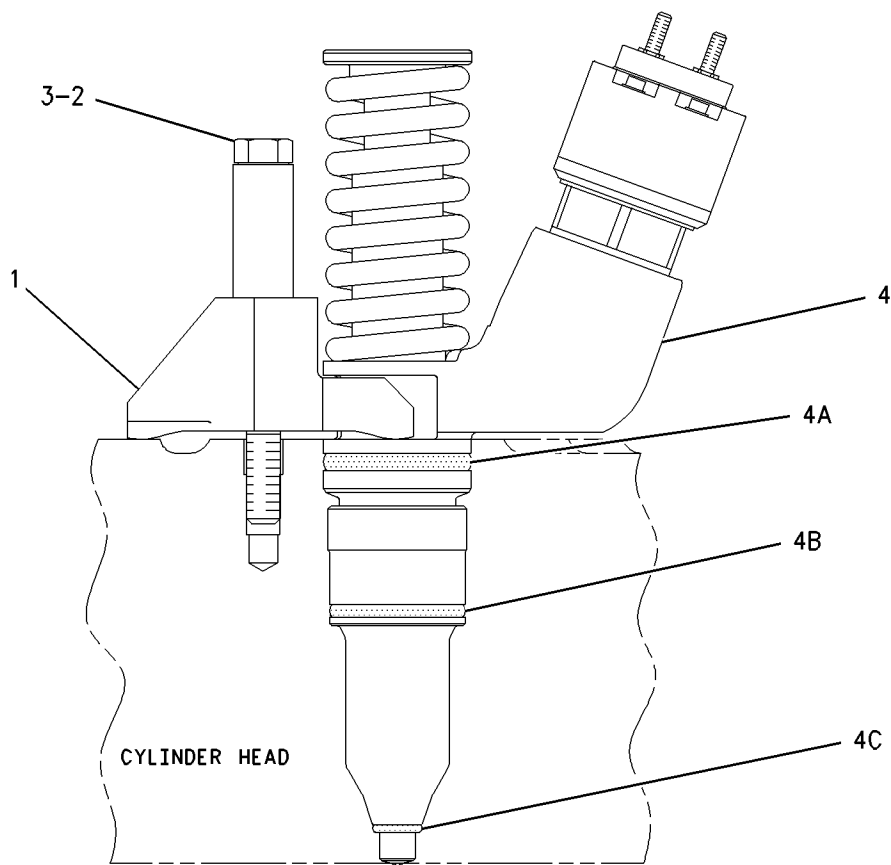
S/N: LHX1-218

PART OF 241-5929 ENGINE AR-CORE

SMCS-1251, 1290

i02223600

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-0213	1	CLAMP						
	2	1	8S-9191	1	BOLT (3/8-16X4-IN)						
	3	1	100-5072	1	SPACER (9.8X15.85X37.6-MM THK)						
	4	1	244-7715	1	INJECTOR GP-FUEL						
	4A	1	230-3775	1	SEAL-O-RING						
	4B	1	230-3728	1	SEAL-O-RING						
	4C	1	9X-7317	1	SEAL-O-RING						



GRAPHIC #1

<END>

g00900391

FUEL SYSTEM

235 - 1401 PUMP GP-FUEL INJECTION

S/N: LHX219-UP

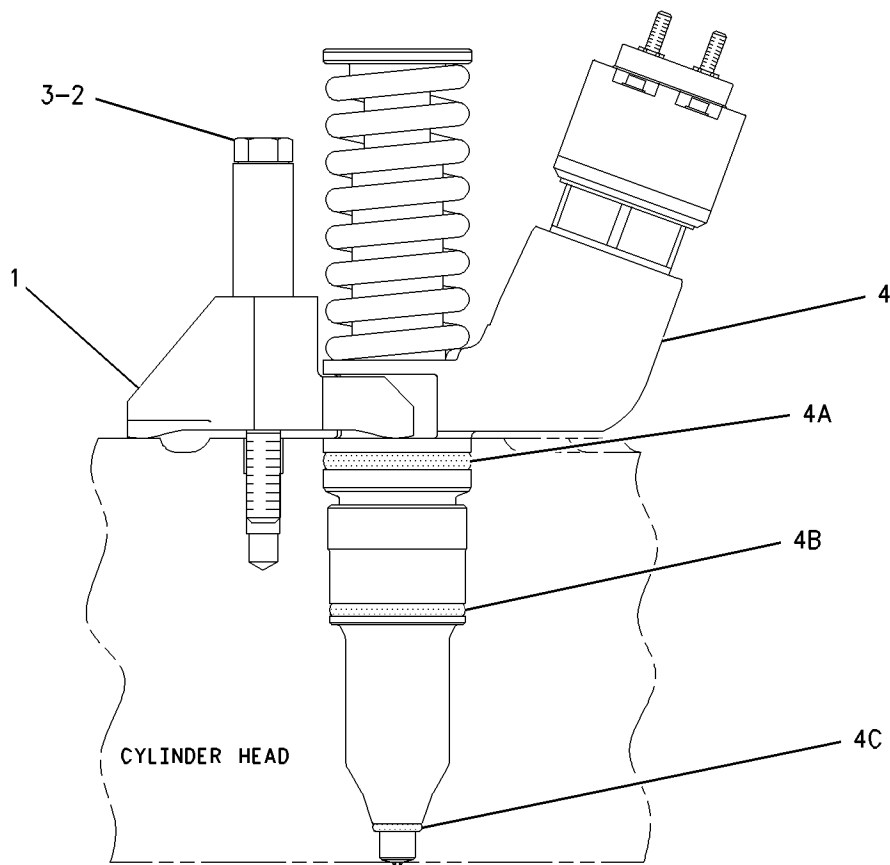
PART OF 241-5929, 279-1260 ENGINE AR-CORE

SMCS-1251, 1290

i02423636

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-0213	1	CLAMP						
	2	1	8S-9191	1	BOLT (3/8-16X4-IN)						
	3	1	100-5072	1	SPACER (9.8X15.85X37.6-MM THK)						
CR	4	1	253-0615	1	INJECTOR GP-FUEL						
	4A	1	230-3775	1	SEAL-O-RING						
	4B	1	230-3728	1	SEAL-O-RING						
	4C	1	9X-7317	1	SEAL-O-RING						

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



GRAPHIC #1

<END>

g00900391

FUEL SYSTEM

237-4007 TANK & MTG GP - FUEL

S/N: ASX1-UP

PART OF 226-9594, 300-6281 CHASSIS AR

SMCS-1273

i02207599

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	114-4730	3	BRACKET AS	
					(EACH INCLUDES)	
M		1	8T-3597	1	NUT-WELD (M12X1.75-THD)	
	2	1	187-1679	1	COVER	
	3	1	164-3417	1	COVER	
Y	4	1	237-4006	1	TANK GP-FUEL	186
	6	1	1H-8128	1	SEAL-O-RING	
	7	1	2J-1020	2	SPACER	
	9	1	5H-6734	1	SEAL-O-RING	
	10	1	5P-1076	12	WASHER-HARD (13.5X30X4-MM THK)	
	11	1	8T-4121	12	WASHER-HARD (11X21X2.5-MM THK)	
M	12	1	101-7404	6	BOLT-SOCKET HEAD (M10X1.5X30-MM)	
M	13	1	8T-4183	6	BOLT (M12X1.75X40-MM)	
M	14	1	8T-4192	2	BOLT (M12X1.75X25-MM)	
M	15	1	8T-4195	6	BOLT (M10X1.5X30-MM)	
M	16	1	8T-4244	1	NUT (M12X1.75-THD)	
M	17	1	8T-6868	2	BOLT (M12X1.75X80-MM)	

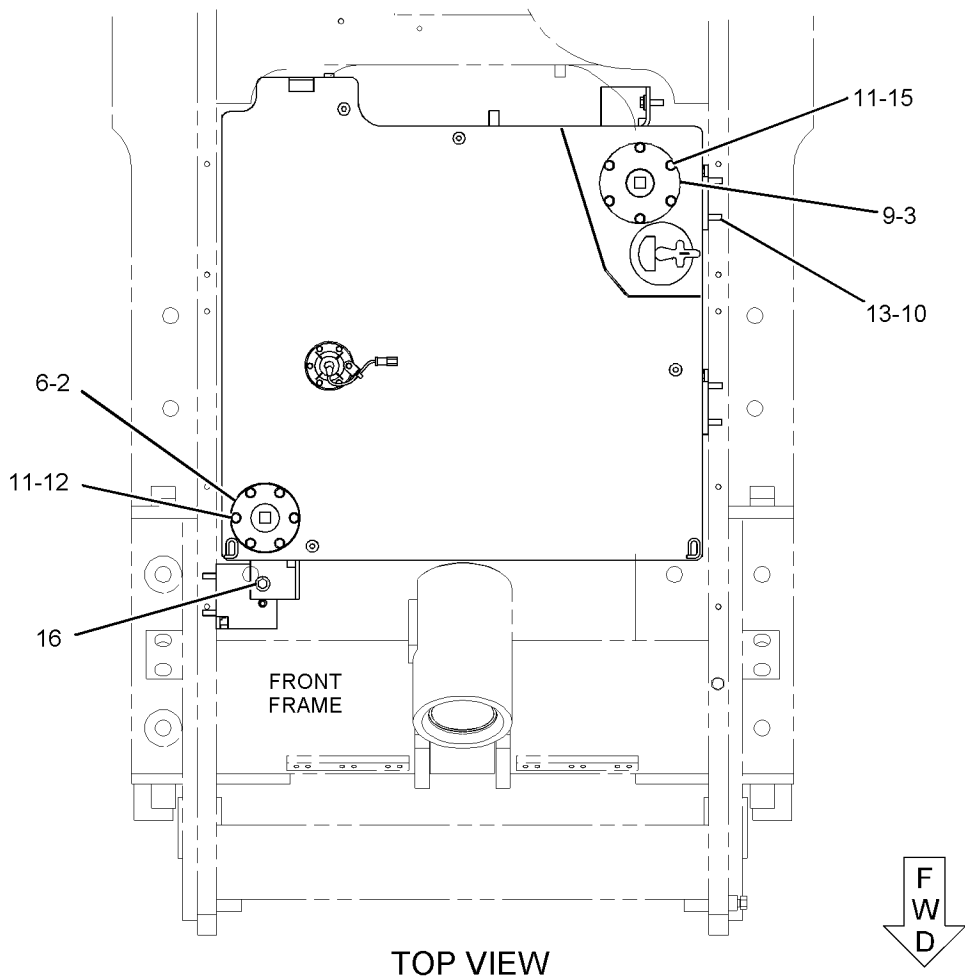
M-METRIC PART

Y-SEPARATE ILLUSTRATION

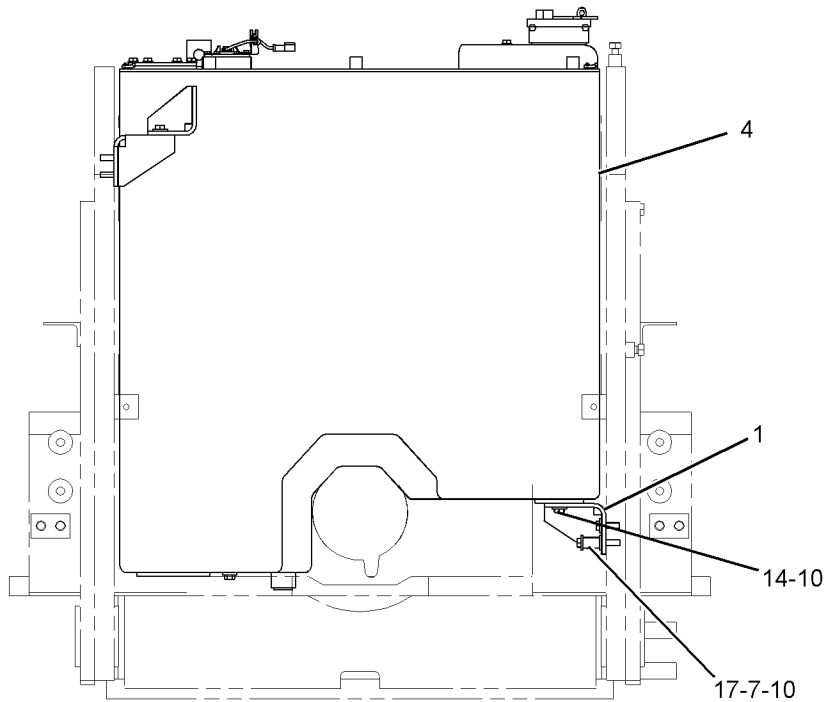
FUEL SYSTEM

237-4007 TANK & MTG GP -FUEL (contd.)

i02207599



TOP VIEW



<END>

GRAPHIC #1

g01114883

FUEL SYSTEM

237-4006 TANK GP - FUEL

S/N: ASX1-UP

PART OF 237-4007 TANK & MTG GP - FUEL

SMCS-1273

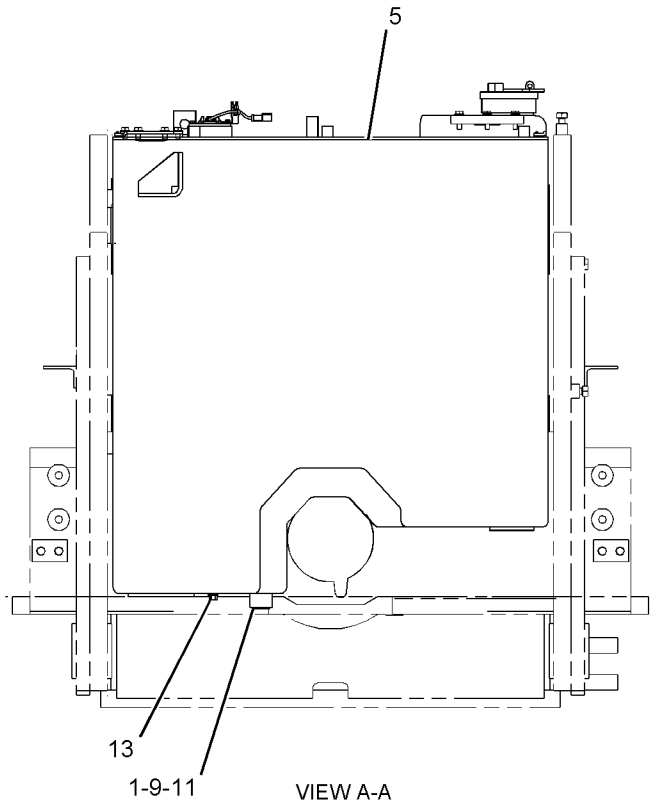
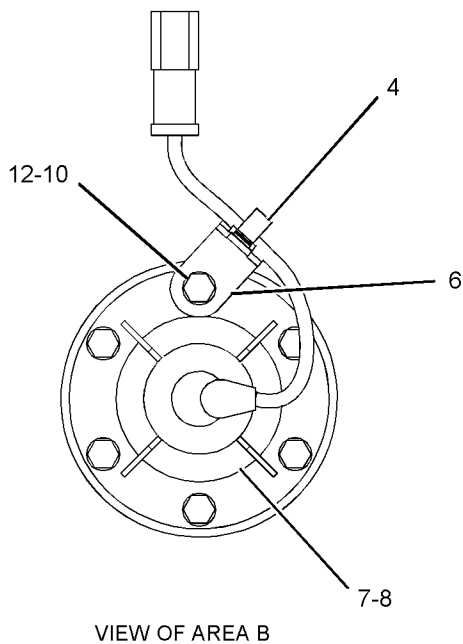
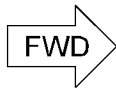
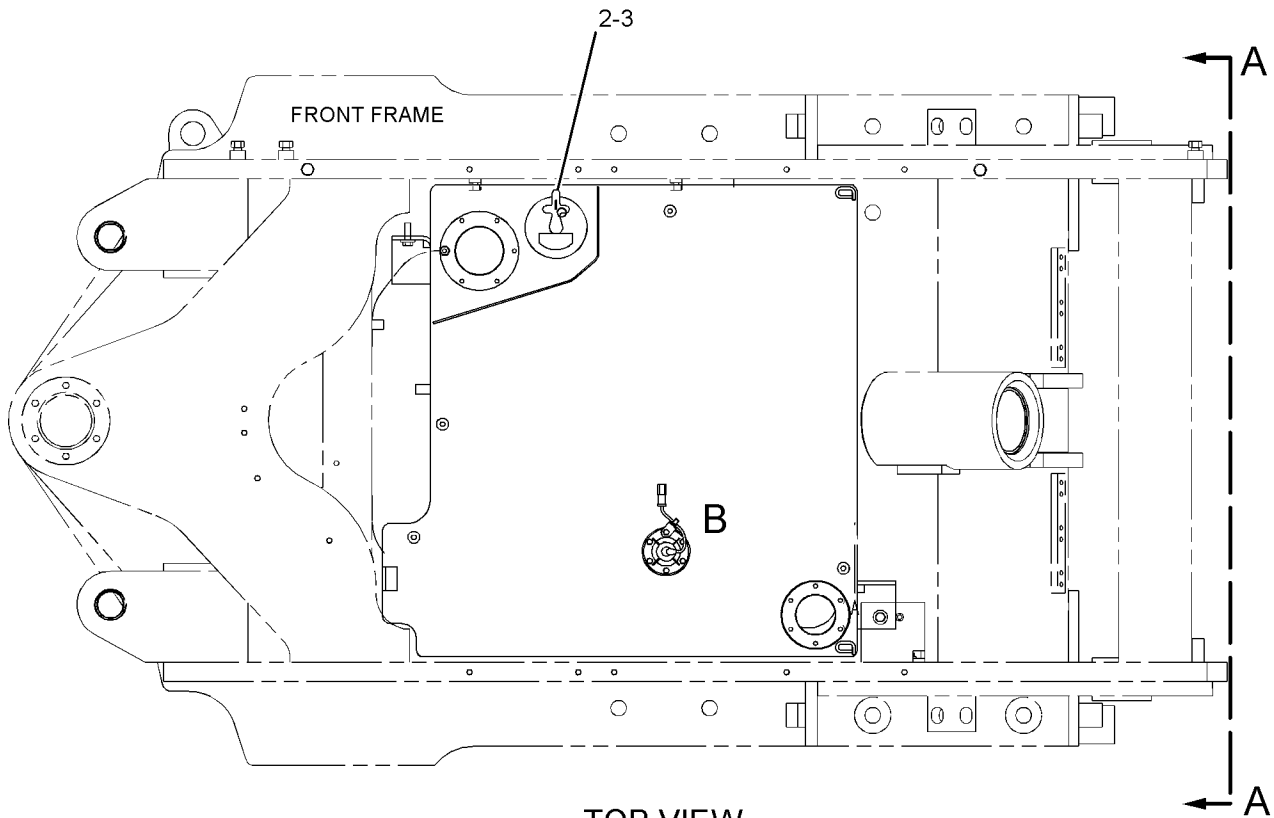
i02279208

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1H-8306	1	SCREW-PURGE (1/2-20X1.625-IN)						
J	2	1	7X-7700	1	CAP AS-FILLER (FUEL TANK)						
		1	9X-8600	1	SEAL-O-RING						
	3	1	9P-7121	1	STRAINER-FUEL						
	4	1	9X-6772	1	STRAP-CABLE						
	5	1	237-4005	1	TANK AS-FUEL						
	6	1	156-6175	1	CLIP						
	7	1	157-8859	1	SENDER AS-FUEL LEVEL						
		1	169-3506	1	KIT-DIAL SENSOR						
					(INCLUDES RECEPTACLE AS, WEDGE, AND PIN CONNECTOR)						
	8	1	6C-3060	1	GASKET						
	9	1	7M-8485	1	SEAL-O-RING						
M	10	1	8T-4138	6	BOLT (M6X1X20-MM)						
	11	1	9S-9334	1	PLUG						
	12	1	9X-8256	6	WASHER (6.6X12X2-MM THK)						
	13	1	148-8407	1	PLUG AS						
		1	3J-1907	1	SEAL-O-RING						
		1	9S-4191	1	PLUG-O-RING						
					AVAILABLE REPAIR KIT(S) :						
J			9X-2205	1	KIT-CAP FILTER (FUEL TANK VENT)						
					(INCLUDES FILTER AS, SCREW, VALVE, AND GASKETS)						
J-KIT MARKED J SERVICES PARTS MARKED J											
M-METRIC PART											

FUEL SYSTEM

237-4006 TANK GP - FUEL (contd.)

i02279208



GRAPHIC #1

<END>

g01117030

FUEL SYSTEM

233-6742 VALVE GP-CHECK-FUEL

S/N: LHX1-UP

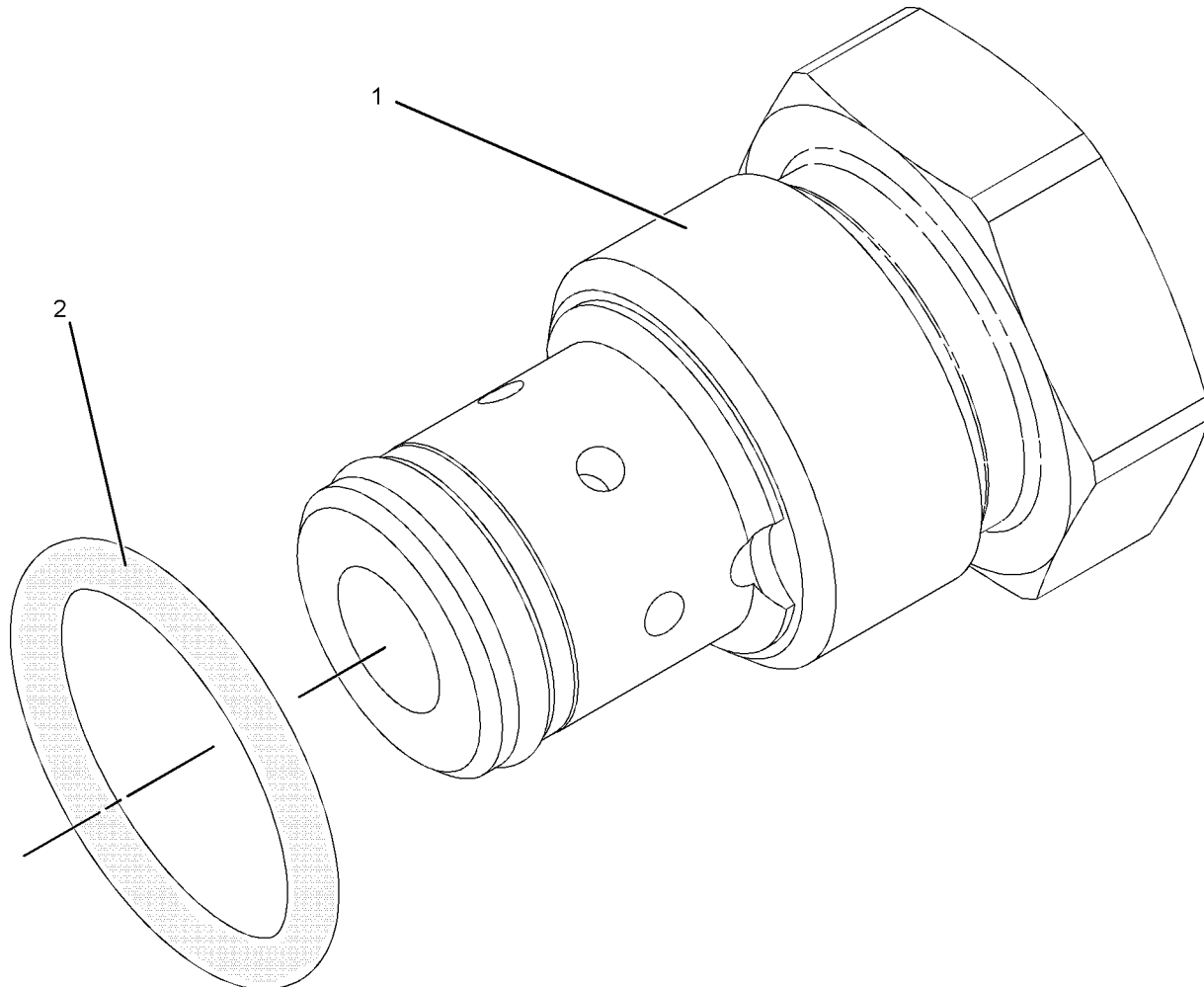
PART OF 214-9044 LINES GP-FUEL

TYPE 1

SMCS-1251, 1274

i02443795

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
CY	1	1	281-2725	1	VALVE GP-CHECK (FUEL)						191
	2	1	6V-4589	1	SEAL-O-RING						
C-CHANGE FROM PREVIOUS TYPE											
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g01031823

FUEL SYSTEM

233 - 6742 VALVE GP - CHECK-FUEL

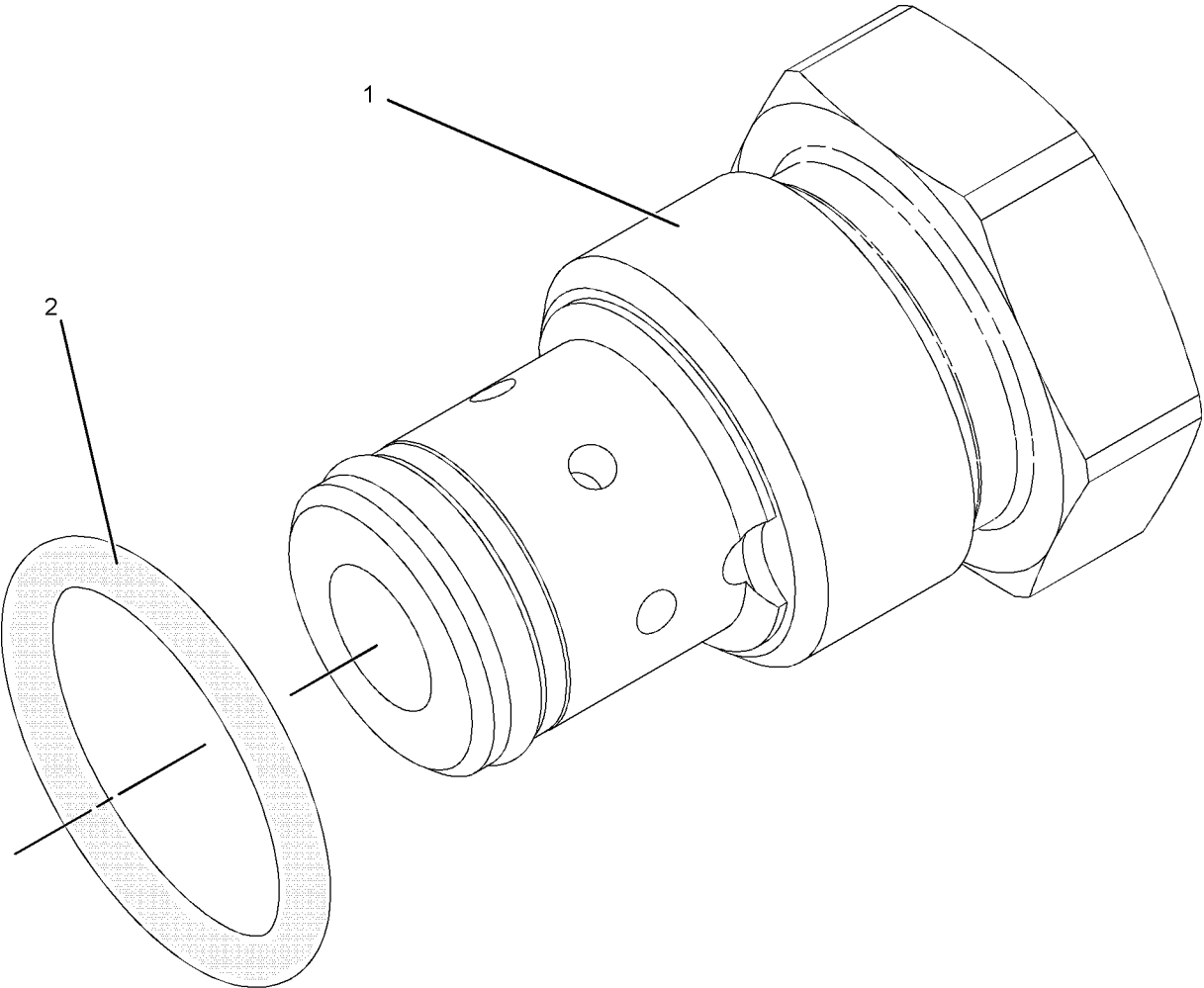
S/N: LHX1-UP

PART OF 214-9044 LINES GP - FUEL
TYPE 2

SMCS-1251, 1274

i02274525

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	238-0296	1	VALVE GP-CHECK (FUEL)	190
	2	1	6V-4589	1	SEAL-O-RING	
Y-SEPARATE ILLUSTRATION						



GRAPHIC #1

<END>

g01031823

FUEL SYSTEM

238 - 0296 VALVE GP - CHECK-FUEL

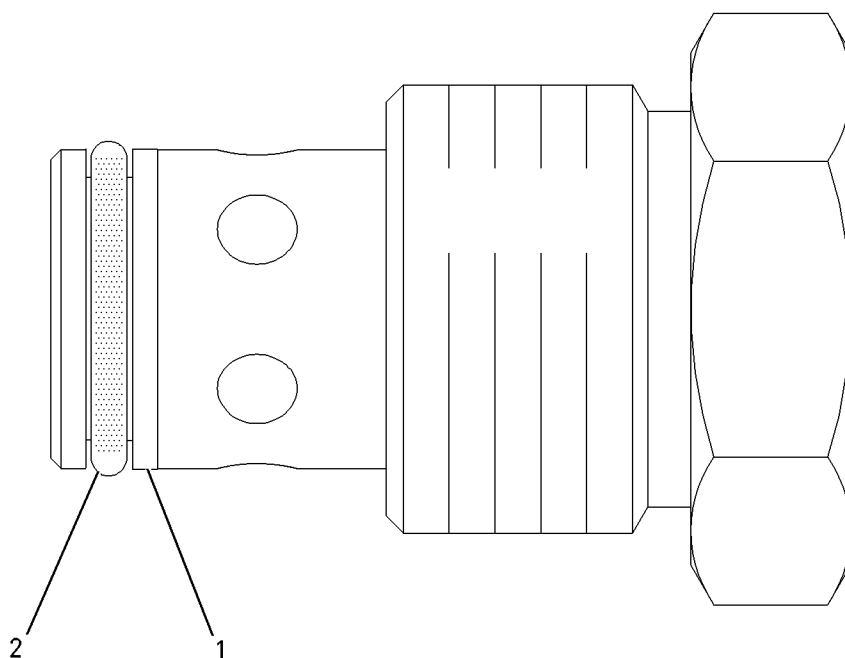
S/N: LHX1-UP

PART OF 233-6742 VALVE GP-CHECK

SMCS-1251, 1274

i02140024

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



GRAPHIC #1

<END>

g00864141

FUEL SYSTEM

281 - 2725 VALVE GP - CHECK-FUEL

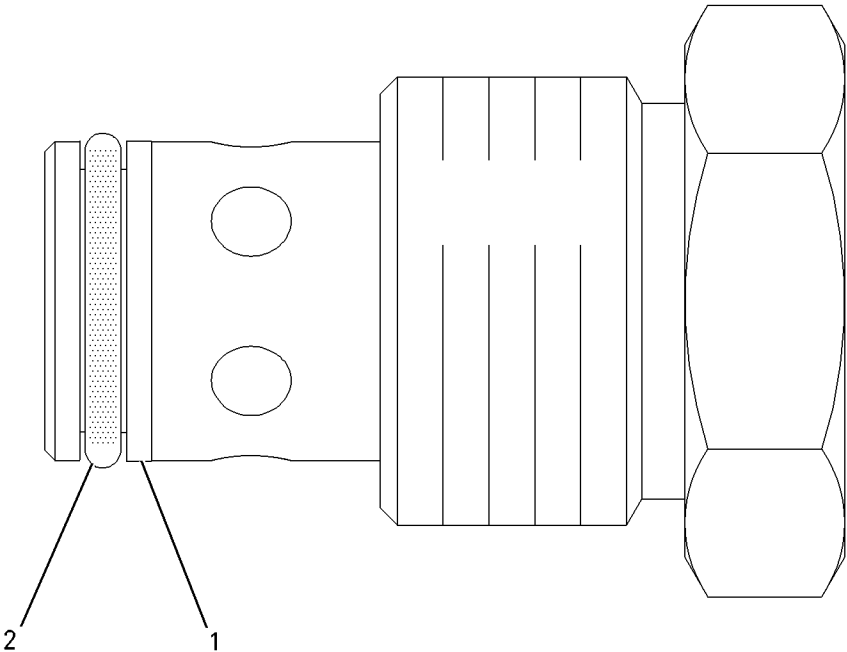
S/N: LHX1-UP

PART OF 233-6742 VALVE GP-CHECK

SMCS-1251, 1274

i02444582

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



GRAPHIC #1

<END>

g00864141

FUEL SYSTEM

190-8977 WATER SEP & FUEL PRM PUMP GP- PRIMARY FUEL FILTER

S/N: LHX1-UP

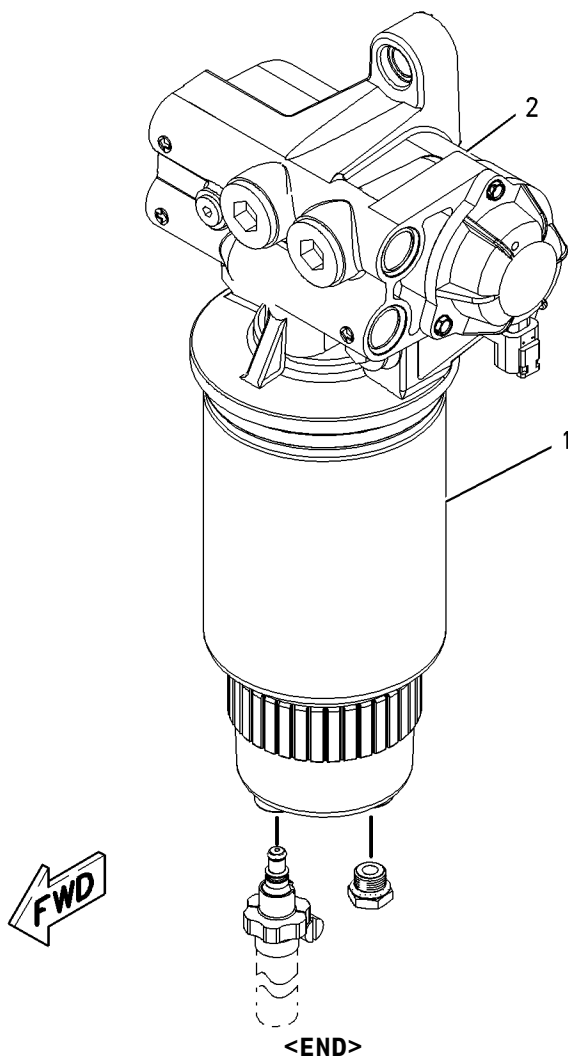
PART OF 225-0994 FILTER & MTG GP-FUEL

SMCS-1258, 1263

i02361234

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	174-9570	1	FILTER GP-WATER SEP & FUEL (PRIMARY)	164
	2	1	190-8970	1	BASE AS (FUEL PRIMING PUMP)	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

g00904493

ELECTRICAL AND STARTING SYSTEM

3E-6328 ALARM GP-ACTION

S/N: ASX1-UP

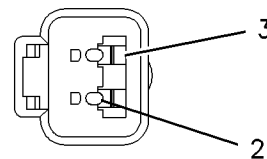
24-VOLT

PART OF 235-1051 WIRING GP-CAB

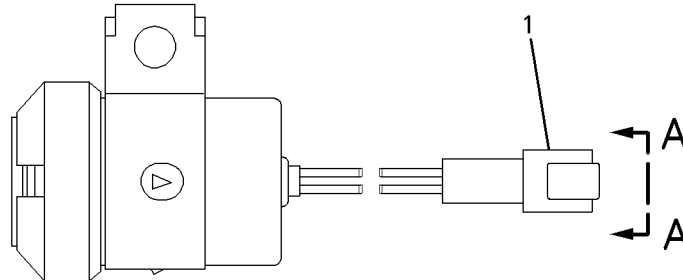
SMCS-7400, 7402, 7407

i02610072

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	3E-3365	1	WEDGE-RECEPTACLE LOCK (2-PIN)	



VIEW A-A



GRAPHIC #1

<END>

g00826023

ELECTRICAL AND STARTING SYSTEM

197-8820 ALTERNATOR GP-CHARGING*R

S/N: ASX1-UP

24-VOLT, 95-AMPERE

PART OF 262-5046 ALTERNATOR GP-CHARGING

SMCS-1405

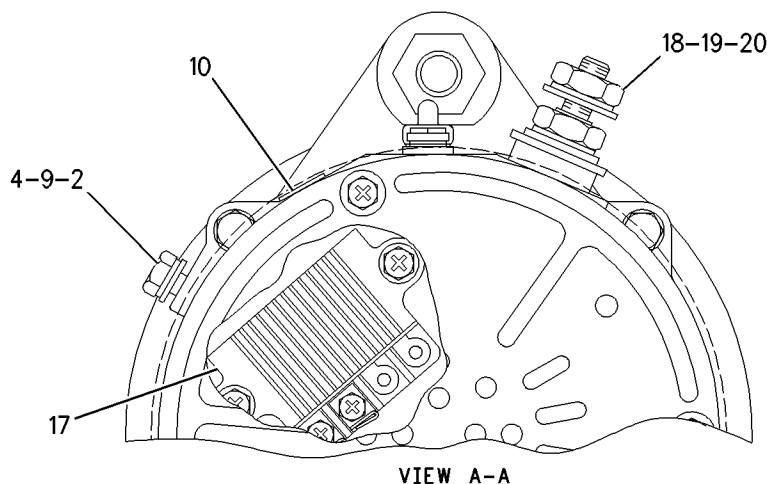
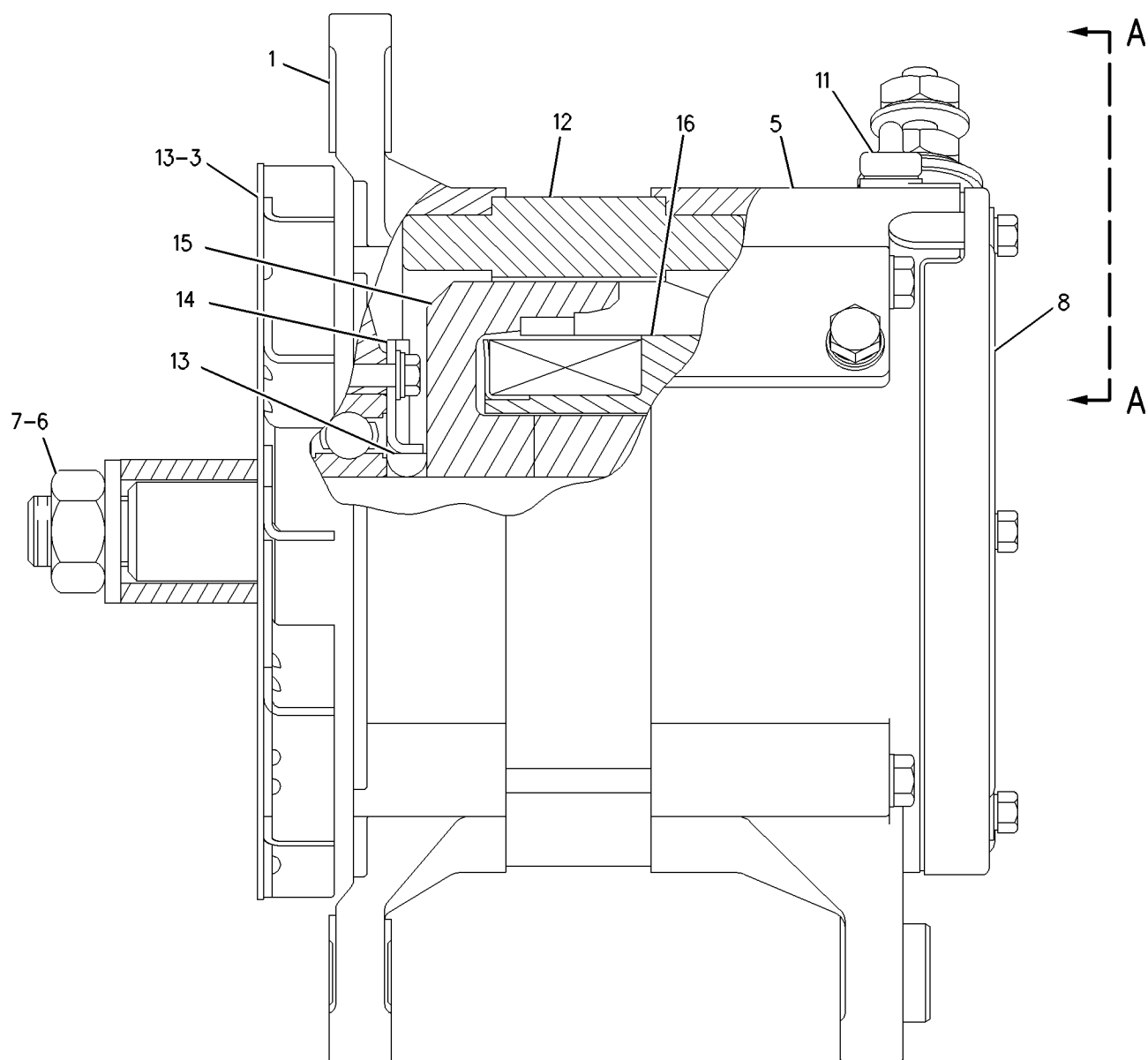
i02741069

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	185-2653	1	FRAME						
	2	1	5S-7349	1	BOLT (1/4-20X0.5-IN)						
	3	1	185-2639	1	FAN AS						
	4	1	1H-3244	1	LOCKWASHER						
	5	1	185-2645	1	FRAME						
	6	1	2K-4821	1	LOCKNUT (5/8-18-THD)						
	7	1	5P-8247	1	WASHER-HARD (17X32X3.5-MM THK)						
	8	1	185-2651	1	COVER						
	9	1	8T-4205	1	WASHER-HARD (7.2X14.5X2-MM THK)						
	10	1	185-2647	1	GROMMET						
	11	1	9L-6770	1	CAP						
	12	1	205-0626	1	STATOR AS-ALTERNATOR						
	13	1	185-2638	2	COLLAR						
	14	1	185-2654	1	PLATE						
	15	1	185-2650	1	ROTOR AS (ALTERNATOR)						
	16	1	185-2644	1	COIL AS						
	17	1	185-2648	1	REGULATOR AS-VOLTAGE (24-VOLT) (ALTERNATOR)						
	18	1	6V-8189	1	NUT (5/16-18-THD)						
	19	1	8T-4224	1	WASHER-HARD (8.8X16X2-MM THK)						
	20	1	3F-9556	1	LOCKWASHER						
					AVAILABLE REPAIR KIT(S) :						
			185-2655	1	KIT-BEARING (ALTERNATOR)						
					(INCLUDES 2 BEARINGS)						
			199-8436	1	KIT-TERMINAL (ALTERNATOR)						
					(INCLUDES HOLDER AS, PLATE, INSULATOR, PIN, BOLTS, GROMMET & NUT)						
			199-7891	1	KIT-TERMINAL (ALTERNATOR)						
					(INCLUDES INSULATORS, WASHERS & NUTS)						
			185-2658	1	KIT-HARDWARE (ALTERNATOR)						
					(INCLUDES BOLTS)						

ELECTRICAL AND STARTING SYSTEM

197-8820 ALTERNATOR GP - CHARGING (contd.)

i02741069



GRAPHIC #1

<END>

g00873198

ELECTRICAL AND STARTING SYSTEM

262 - 5046 ALTERNATOR GP - CHARGING

S/N: ASX1-UP

PART OF 226-9641 INSTALLATION AR-ENGINE

SMCS - 1405

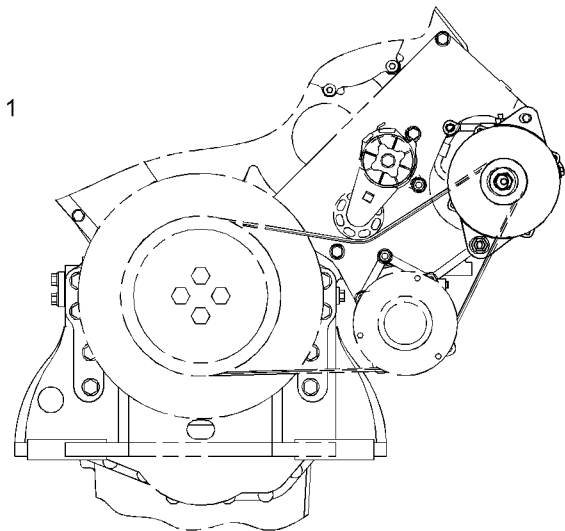
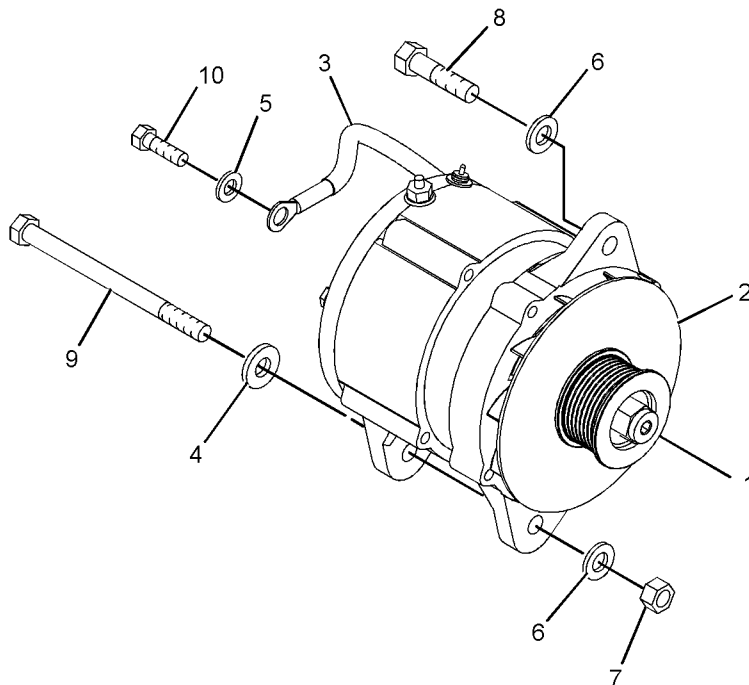
i02674572

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	190-3635	1	PULLEY						
YR	2	1	197-8820	1	ALTERNATOR GP-CHARGING (24-VOLT, 95-AMPERE)						194
	3	1	299-5845	1	WIRE AS						
	4	1	5P-1076	1	WASHER-HARD (13.5X30X4-MM THK)						
	5	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						
	6	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						
M	7	1	8T-4244	1	NUT (M12X1.75-THD)						
	8	1	8T-4835	1	BOLT (1/2-13X2-IN)						
M	9	1	8T-7930	1	BOLT (M12X1.75X160-MM)						
	10	1	9B-7237	1	BOLT (3/8-16X1.25-IN)						

M-METRIC PART

R-REMFG PART MAY BE AVAILABLE

Y-SEPARATE ILLUSTRATION



FRONT VIEW
(OF ENGINE)

GRAPHIC #1

<END>

g01120902

ELECTRICAL AND STARTING SYSTEM

263-2084 BATTERY & WIRING GP

S/N: ASX1-174

PART OF 226-9616 ELECTRICAL AR

SMCS-1401, 1402, 1408

i02468260

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3E-8320	1	PLATE-INSTRUCTION (BATTERY)	
	2	1	3S-2093	12	STRAP-CABLE	
Y	3	1	7N-0718	1	SWITCH GP-DISCONNECT (BATTERY)	296
	4	1	8C-6358	1	BLOCK GP-JUNCTION (BATTERY)	
		1	1D-5117	3	NUT-JAM (1/2-13-THD)	
		1	8T-3519	3	BOLT-BRONZE (1/2-13X2-IN)	
	5	1	115-2422	4	BATTERY GP (12-VOLT, MAINTENANCE FREE, WET) (EACH INCLUDES)	
		1	123-1373	6	PLUG AS	
	6	1	118-1277	2	CABLE AS (EACH INCLUDES)	
E		1	5P-0761		CABLE (00-GA, RED) (20-CM)	
		1	9G-0003	1	COVER-TERMINAL (BLACK)	
		1	9G-0004	1	COVER-TERMINAL (RED)	
		1	9W-3416	1	TERMINAL AS	
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)	
		1	1M-6120	1	NUT (5/16-18-THD)	
		1	8C-5917	1	TERMINAL AS-BATTERY (POSITIVE)	
		1	9W-3723	1	TERMINAL AS	
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)	
		1	1M-6120	1	NUT (5/16-18-THD)	
		1	8T-9757	1	TERMINAL AS-BATTERY (NEGATIVE)	
7	1		118-2080	2	HOLD-DOWN AS	
8	1		262-7649	1	CABLE AS-BATTERY	
		1	1S-7252	1	TERMINAL-RING (FOR 3/8-IN BOLT)	
		1	6T-0465	1	COVER-TERMINAL (BLACK)	
		1	9S-5755	1	TERMINAL AS (NEGATIVE)	
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)	
		1	1M-6120	1	NUT (5/16-18-THD)	
		1	7N-5274	1	COVER-TERMINAL (BLACK)	
		1	3S-6050	1	TERMINAL AS-BATTERY (NEGATIVE)	
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)	
		1	1M-6120	1	NUT (5/16-18-THD)	
		1	9X-3410	1	COVER-TERMINAL	
E		1	159-8050		CABLE (00-GA, BLACK) (111-CM)	
9	1		262-7651	1	CABLE AS-BATTERY	
		1	1S-7251	1	TERMINAL-RING (FOR 1/2-IN BOLT)	
		1	8N-0869	1	COVER-TERMINAL (RED)	
		1	9X-9120	1	BOOT (RED)	
		1	9X-9825	1	TERMINAL-CABLE (FOR 1/2-IN BOLT)	
10	1		262-7652	1	CABLE AS-BATTERY	
		1	1S-7251	2	TERMINAL-RING (FOR 1/2-IN BOLT)	
E		1	159-8050		CABLE (00-GA, BLACK) (43-CM)	
11	1		262-7653	1	CABLE AS-BATTERY	
		1	1S-7251	1	TERMINAL-RING (FOR 1/2-IN BOLT)	
		1	1S-7252	1	TERMINAL-RING (FOR 3/8-IN BOLT)	
E		1	159-8050		CABLE (00-GA, BLACK) (51-CM)	
12	1		263-6344	1	CABLE AS-BATTERY	
		1	8N-1725	1	COVER-TERMINAL (RED)	
		1	3S-6049	1	TERMINAL AS-BATTERY (POSITIVE)	
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)	
		1	1M-6120	1	NUT (5/16-18-THD)	
		1	9X-9120	1	BOOT (RED)	
		1	9X-9825	1	TERMINAL-CABLE (FOR 1/2-IN BOLT)	
E		1	159-8049		CABLE (00-GA, RED) (51-CM)	
13	1		263-6345	1	CABLE AS-BATTERY	

ELECTRICAL AND STARTING SYSTEM

263-2084 BATTERY & WIRING GP (contd.)

i02468260

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	8N-1725	1	COVER-TERMINAL (RED)						
		1	3S-6049	1	TERMINAL AS-BATTERY (POSITIVE)						
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)						
		1	1M-6120	1	NUT (5/16-18-THD)						
		1	9X-9120	1	BOOT (RED)						
		1	9X-9825	1	TERMINAL-CABLE (FOR 1/2-IN BOLT)						
E		1	159-8049		CABLE (00-GA, RED) (28-CM)						
	14	1	118-2079	4	ROD						
	15	1	2V-1771	9	GROMMET						
M	16	1	5C-2890	8	NUT (M6X1-THD)						
	17	1	5G-6505	3	WASHER (25X38X14-MM THK)						
	18	1	5P-4115	8	WASHER-HARD (7.2X19X2-MM THK)						
	19	1	6D-4246	9	CLIP						
	20	1	6V-8188	6	NUT (1/2-13-THD)						
	21	1	7F-0560	6	WASHER (0.516X0.938X0.101-IN THK)						
	22	1	8T-4121	13	WASHER-HARD (11X21X2.5-MM THK)						
M	23	1	8T-4133	2	NUT (M10X1.5-THD)						
M	24	1	8T-4137	11	BOLT (M10X1.5X20-MM)						
	25	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						
M	26	1	8T-4244	2	NUT (M12X1.75-THD)						
	27	1	9M-8406	5	CLIP						

E-ORDER BY THE CENTIMETER

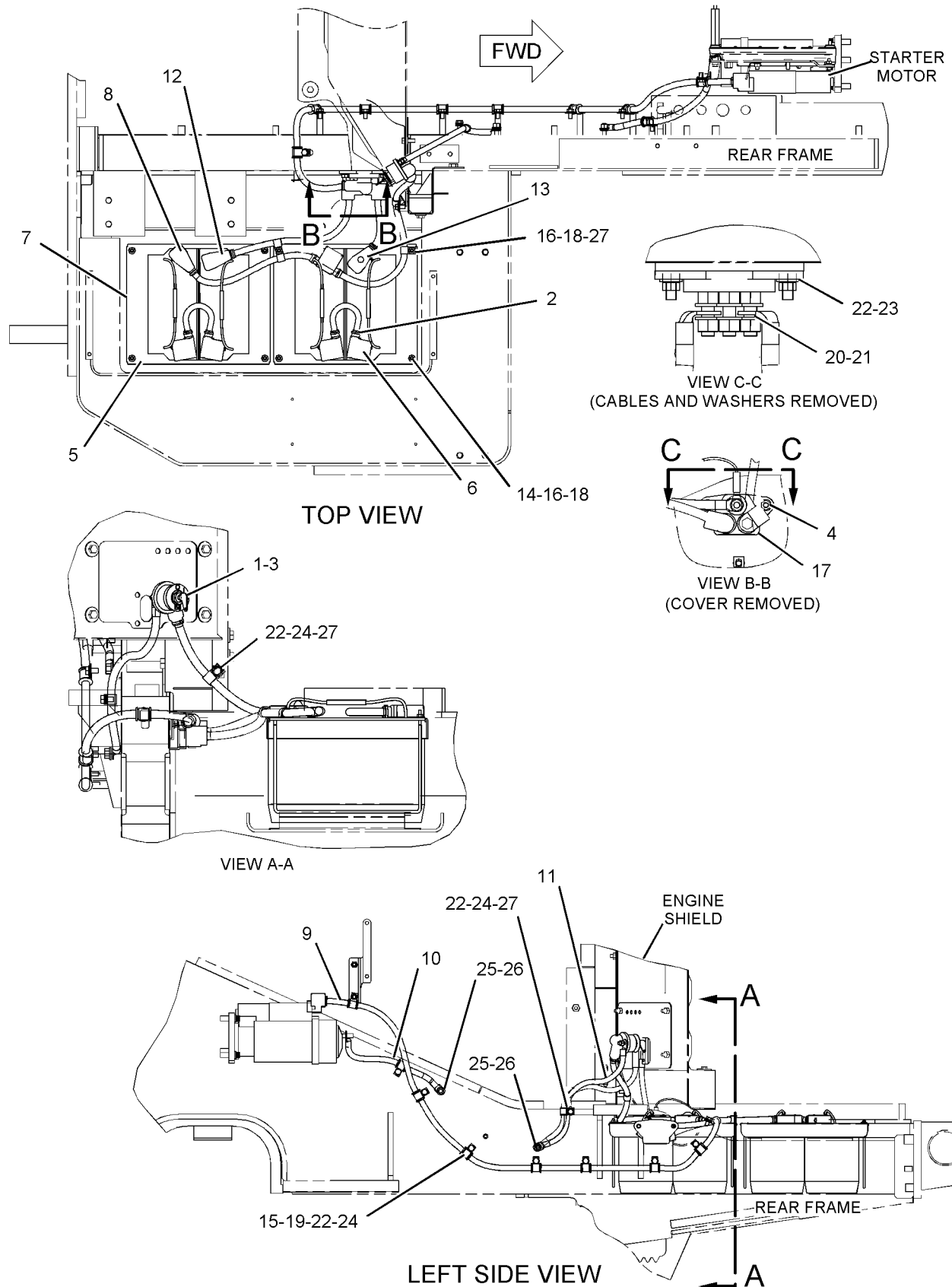
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

263-2084 BATTERY & WIRING GP (contd.)

i02468260



GRAPHIC #1

<END>

g01127377

ELECTRICAL AND STARTING SYSTEM

263-2084 BATTERY & WIRING GP

S/N: ASX175-299

PART OF 226-9616 ELECTRICAL AR

SMCS-1401, 1402, 1408

i02467810

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3E-8320	1	PLATE-INSTRUCTION (BATTERY)	
	2	1	3S-2093	12	STRAP-CABLE	
Y	3	1	7N-0718	1	SWITCH GP-DISCONNECT (BATTERY)	296
	4	1	8C-6358	1	BLOCK GP-JUNCTION (BATTERY)	
		1	1D-5117	3	NUT-JAM (1/2-13-THD)	
		1	8T-3519	3	BOLT-BRONZE (1/2-13X2-IN)	
	5	1	115-2422	4	BATTERY GP (12-VOLT, MAINTENANCE FREE, WET) (EACH INCLUDES)	
		1	123-1373	6	PLUG AS	
	6	1	118-1277	2	CABLE AS (EACH INCLUDES)	
E		1	5P-0761		CABLE (00-GA, RED) (20-CM)	
		1	9G-0003	1	COVER-TERMINAL (BLACK)	
		1	9G-0004	1	COVER-TERMINAL (RED)	
		1	9W-3416	1	TERMINAL AS	
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)	
		1	1M-6120	1	NUT (5/16-18-THD)	
		1	8C-5917	1	TERMINAL AS-BATTERY (POSITIVE)	
		1	9W-3723	1	TERMINAL AS	
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)	
		1	1M-6120	1	NUT (5/16-18-THD)	
		1	8T-9757	1	TERMINAL AS-BATTERY (NEGATIVE)	
	7	1	118-2080	2	HOLD-DOWN AS	
C	8	1	161-7419	1	STUD	
C	9	1	246-2286	1	BRACKET AS	
	10	1	262-7649	1	CABLE AS-BATTERY	
		1	1S-7252	1	TERMINAL-RING (FOR 3/8-IN BOLT)	
		1	6T-0465	1	COVER-TERMINAL (BLACK)	
		1	9S-5755	1	TERMINAL AS (NEGATIVE)	
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)	
		1	1M-6120	1	NUT (5/16-18-THD)	
		1	7N-5274	1	COVER-TERMINAL (BLACK)	
		1	3S-6050	1	TERMINAL AS-BATTERY (NEGATIVE)	
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)	
		1	1M-6120	1	NUT (5/16-18-THD)	
		1	9X-3410	1	COVER-TERMINAL	
E		1	159-8050		CABLE (00-GA, BLACK) (111-CM)	
	11	1	262-7652	1	CABLE AS-BATTERY	
		1	1S-7251	2	TERMINAL-RING (FOR 1/2-IN BOLT)	
E		1	159-8050		CABLE (00-GA, BLACK) (43-CM)	
	12	1	262-7653	1	CABLE AS-BATTERY	
		1	1S-7251	1	TERMINAL-RING (FOR 1/2-IN BOLT)	
		1	1S-7252	1	TERMINAL-RING (FOR 3/8-IN BOLT)	
E		1	159-8050		CABLE (00-GA, BLACK) (51-CM)	
	13	1	263-6344	1	CABLE AS-BATTERY	
		1	8N-1725	1	COVER-TERMINAL (RED)	
		1	3S-6049	1	TERMINAL AS-BATTERY (POSITIVE)	
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)	
		1	1M-6120	1	NUT (5/16-18-THD)	
		1	9X-9120	1	BOOT (RED)	
		1	9X-9825	1	TERMINAL-CABLE (FOR 1/2-IN BOLT)	
E		1	159-8049		CABLE (00-GA, RED) (51-CM)	
	14	1	263-6345	1	CABLE AS-BATTERY	
		1	8N-1725	1	COVER-TERMINAL (RED)	
		1	3S-6049	1	TERMINAL AS-BATTERY (POSITIVE)	
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)	

ELECTRICAL AND STARTING SYSTEM

263-2084 BATTERY & WIRING GP (contd.)

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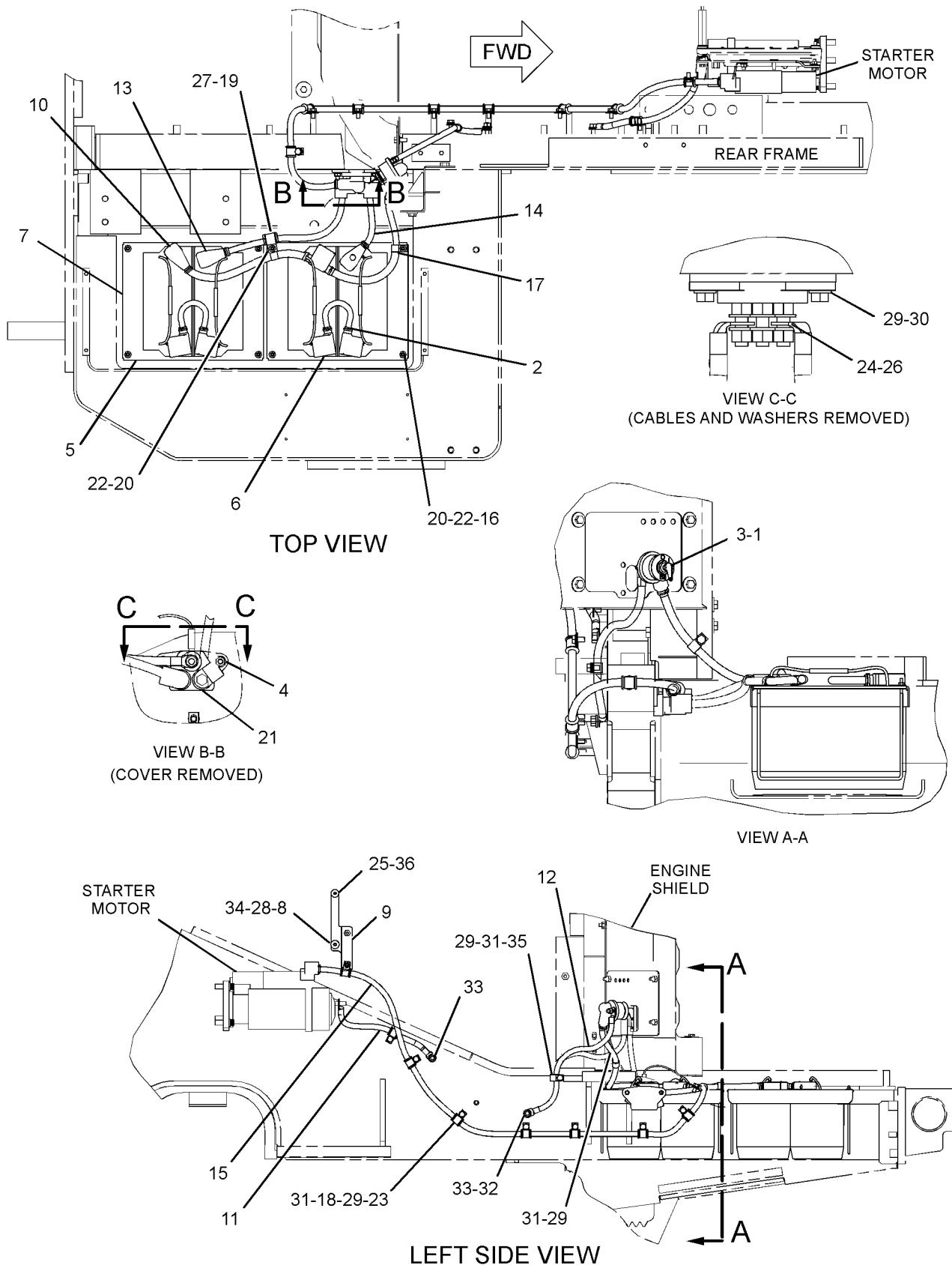
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	1M-6120	1	NUT (5/16-18-THD)						
		1	9X-9120	1	BOOT (RED)						
		1	9X-9825	1	TERMINAL-CABLE (FOR 1/2-IN BOLT)						
E		1	159-8049		CABLE (00-GA, RED) (28-CM)						
C	15	1	274-9268	1	CABLE AS						
		1	1S-7251	1	TERMINAL-RING (FOR 1/2-IN BOLT)						
		1	8N-0869	1	COVER-TERMINAL (RED)						
		1	9X-9120	1	BOOT (RED)						
		1	9X-9825	1	TERMINAL-CABLE (FOR 1/2-IN BOLT)						
E		1	159-8049		CABLE (00-GA, RED) (198-CM)						
	16	1	118-2079	4	ROD						
	17	1	174-5907	3	CLIP						
	18	1	2V-1771	9	GROMMET						
	19	1	4S-1962	1	CLIP						
M	20	1	5C-2890	8	NUT (M6X1-THD)						
	21	1	5G-6505	3	WASHER (25X38X14-MM THK)						
	22	1	5P-4115	8	WASHER-HARD (7.2X19X2-MM THK)						
	23	1	6D-4246	9	CLIP						
	24	1	6V-8188	6	NUT (1/2-13-THD)						
C	25	1	6V-8189	2	NUT (5/16-18-THD)						
	26	1	7F-0560	6	WASHER (0.516X0.938X0.101-IN THK)						
	27	1	7V-6571	1	GROMMET						
C	28	1	8T-2561	1	WASHER-HARD (10.5X28.5X5-MM THK)						
	29	1	8T-4121	13	WASHER-HARD (11X21X2.5-MM THK)						
M	30	1	8T-4133	2	NUT (M10X1.5-THD)						
M	31	1	8T-4137	11	BOLT (M10X1.5X20-MM)						
	32	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						
M	33	1	8T-4244	2	NUT (M12X1.75-THD)						
C	34	1	9M-1974	1	WASHER-HARD (8.8X16X2-MM THK)						
	35	1	9M-8406	1	CLIP						
C	36	1	9N-0869	4	WASHER-HARD (8.8X25.5X2-MM THK)						

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

ELECTRICAL AND STARTING SYSTEM

263-2084 BATTERY & WIRING GP (contd.)

i02467810



GRAPHIC #1

<END>

g01229823

ELECTRICAL AND STARTING SYSTEM

285 - 7332 BATTERY & WIRING GP

S/N: ASX300-UP

PART OF 285-7324 ELECTRICAL AR

SMCS-1401, 1402, 1408

i02682969

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	3E-8320	1	PLATE-INSTRUCTION (BATTERY)	
	2	1, 2	3S-2093	15	STRAP-CABLE	
Y	3	2	7N-0718	1	SWITCH GP-DISCONNECT (BATTERY)	296
	4	1	8C-6358	1	BLOCK GP-JUNCTION (BATTERY)	
		1	1D-5117	3	NUT-JAM (1/2-13-THD)	
		1	8T-3519	3	BOLT-BRONZE (1/2-13X2-IN)	
	5	2	8S-2634	1	COVER AS	
	6	1	115-2422	4	BATTERY GP (12-VOLT, MAINTENANCE FREE, WET)	
		1	123-1373	6	PLUG AS	
	7	1	116-4491	1	BRACKET AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	8	1	118-1277	2	CABLE AS	
		1	5P-0761	20	CABLE (00-GA, RED)	
		1	9G-0003	1	COVER-TERMINAL (BLACK)	
		1	9G-0004	1	COVER-TERMINAL (RED)	
		1	9W-3416	1	TERMINAL AS	
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)	
		1	1M-6120	1	NUT (5/16-18-THD)	
		1	9W-3723	1	TERMINAL AS	
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)	
		1	1M-6120	1	NUT (5/16-18-THD)	
		1	8T-9757	1	TERMINAL AS-BATTERY (NEGATIVE)	
	9	1	118-2080	2	HOLD-DOWN AS	
	10	2	121-7848	2	PLATE	
	11	1	144-4613	1	ANGLE AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	12	2	231-7589	1	RECEPTACLE AS	
		2	1S-7251	2	TERMINAL-RING (FOR 1/2-IN BOLT)	
E		2	5P-0747		CABLE (00-GA, BLACK) (55-CM)	
E		2	5P-0761		CABLE (00-GA, RED) (30-CM)	
D		2	6V-2722	1	TUBE-HEAT SHRINK (25.4-MM DIA) (0.1-M)	
	13	1	263-6344	1	CABLE AS-BATTERY	
		1	8N-1725	1	COVER-TERMINAL (RED)	
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)	
		1	1M-6120	1	NUT (5/16-18-THD)	
		1	3S-6049	1	TERMINAL AS-BATTERY (POSITIVE)	
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)	
		1	1M-6120	1	NUT (5/16-18-THD)	
		1	9X-9120	1	BOOT (RED)	
		1	9X-9825	1	TERMINAL-CABLE (FOR 1/2-IN BOLT)	
E		1	159-8049		CABLE (00-GA, RED) (51-CM)	
	14	1	263-6345	1	CABLE AS-BATTERY	
		1	8N-1725	1	COVER-TERMINAL (RED)	
		1	8L-8413	1	STRAP-CABLE	
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)	
		1	1M-6120	1	NUT (5/16-18-THD)	
		1	3S-6049	1	TERMINAL AS-BATTERY (POSITIVE)	
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)	
		1	1M-6120	1	NUT (5/16-18-THD)	
		1	9X-9120	1	BOOT (RED)	
		1	9X-9825	1	TERMINAL-CABLE (FOR 1/2-IN BOLT)	
E		1	159-8049		CABLE (00-GA, RED) (28-CM)	
	15	2	296-5407	1	CABLE AS	
		2	3L-7634	1	TERMINAL-RING (0000-GA, 0.5-IN)	
		2	9X-5699	1	BOOT	
E		2	159-8054		CABLE-ELECTRICAL (00-GA, BLACK) (49-CM)	

ELECTRICAL AND STARTING SYSTEM

285-7332 BATTERY & WIRING GP (contd.)

i02682969

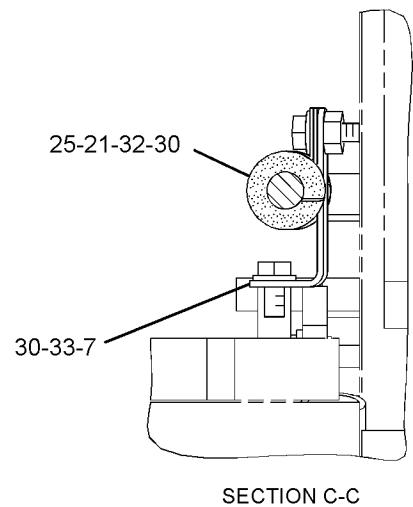
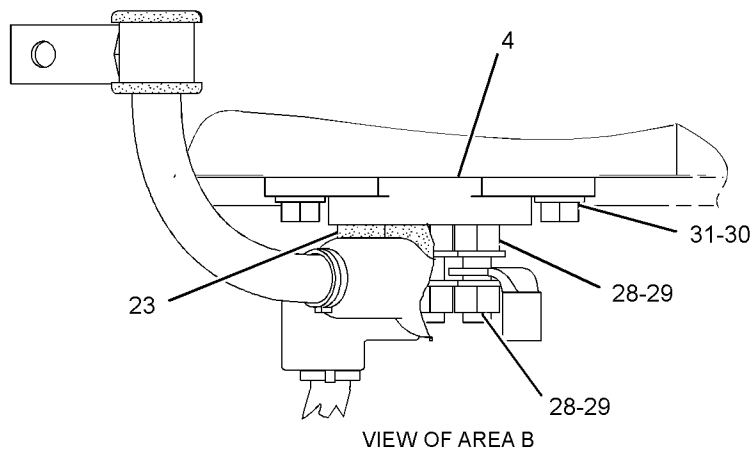
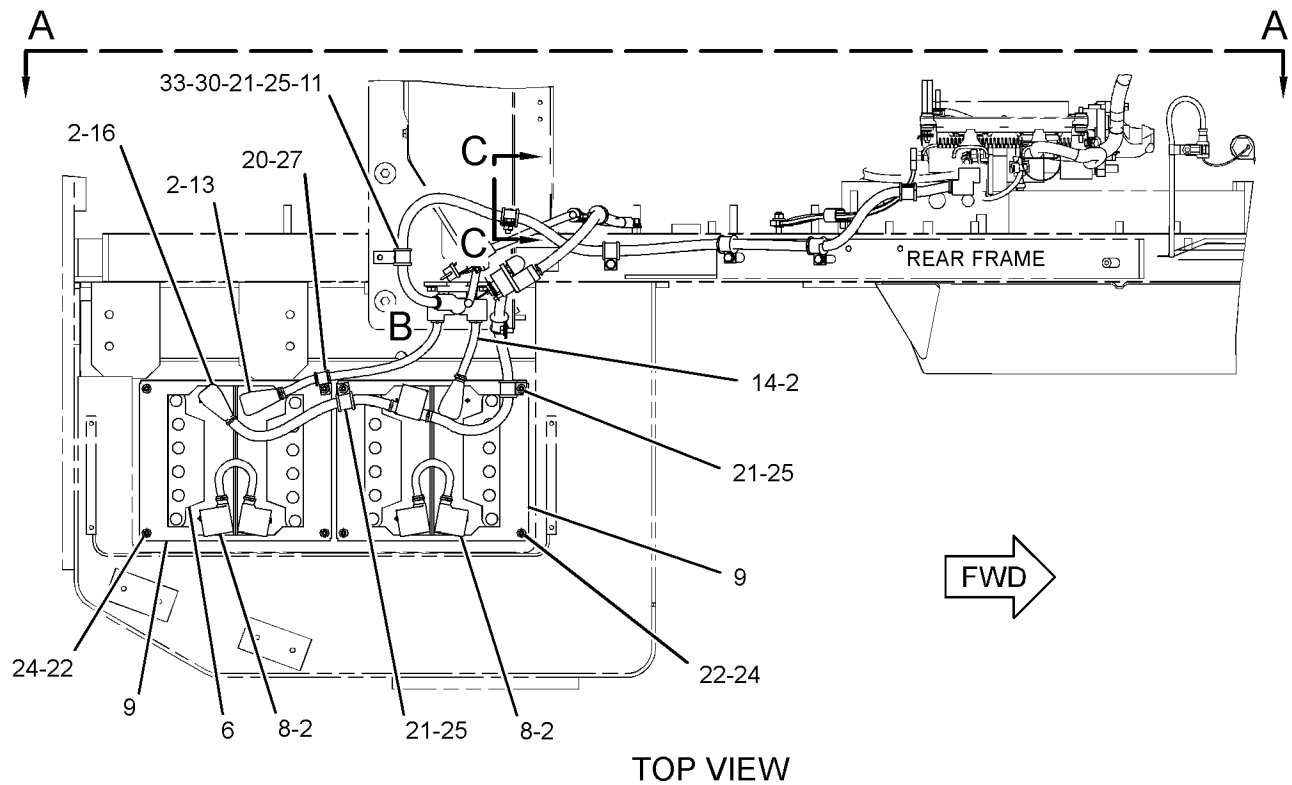
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	16	1	301-3035	1	CABLE AS						
		1	7N-5274	1	COVER-TERMINAL (BLACK)						
		1	8L-8413	1	STRAP-CABLE						
		1	7T-4925	1	COVER-TERMINAL (BLACK)						
		1	9X-6762	1	TERMINAL AS						
		1	1G-2038	1	BOLT (5/16-18X1.44-IN)						
		1	1M-6120	1	NUT (5/16-18-THD)						
		1	9X-6761	1	TERMINAL-BATTERY						
		1	031-9295	1	TERMINAL-RING (0000-GA, 0.375-IN)						
E		1	159-8054		CABLE-ELECTRICAL (00-GA, BLACK) (112-CM)						
		1	187-8911	1	TERMINAL AS-BATTERY						
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)						
		1	1M-6120	1	NUT (5/16-18-THD)						
		1	294-2319	1	COVER-TERMINAL						
	17	2	302-3906	1	STRAP AS-GROUND						
	18	2	306-4155	1	CABLE AS						
		2	3L-7634	1	TERMINAL-RING (0000-GA, 0.5-IN)						
		2	9X-9120	1	BOOT (RED)						
E		2	159-8053		CABLE-ELECTRICAL (00-GA, RED) (165-CM)						
		2	294-2318	1	COVER-TERMINAL						
	19	2	118-2079	4	ROD						
	20	1,2	2V-1771	2	GROMMET						
	21	1,2	4S-1962	10	CLIP						
M	22	1	5C-2890	8	NUT (M6X1-THD)						
	23	1	5G-6505	3	WASHER (25X38X14-MM THK)						
	24	1	5P-4115	8	WASHER-HARD (7.2X19X2-MM THK)						
	25	1,2	5P-8939	10	GROMMET						
	26	2	6D-1641	1	CLIP						
	27	1,2	6D-4246	2	CLIP						
	28	1	6V-8188	6	NUT (1/2-13-THD)						
	29	1	7F-0560	6	WASHER (0.516X0.938X0.101-IN THK)						
	30	1,2	8T-4121	11	WASHER-HARD (11X21X2.5-MM THK)						
M	31	1	8T-4133	2	NUT (M10X1.5-THD)						
M	32	1,2	8T-4136	2	BOLT (M10X1.5X25-MM)						
M	33	1,2	8T-4137	7	BOLT (M10X1.5X20-MM)						
	34	2	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						
	35	2	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)						
M	36	2	8T-4244	2	NUT (M12X1.75-THD)						
M	37	2	8T-4908	4	BOLT (M8X1.25X25-MM)						

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

ELECTRICAL AND STARTING SYSTEM

285 - 7332 BATTERY & WIRING GP (contd.)

i02682969



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS.

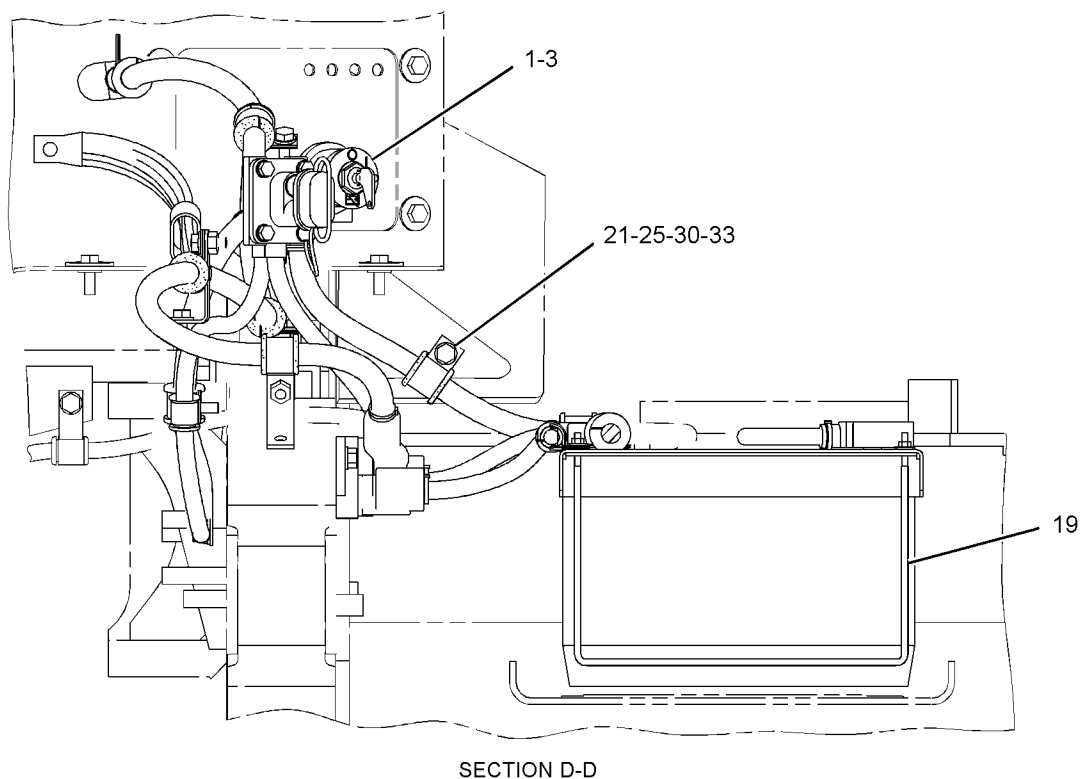
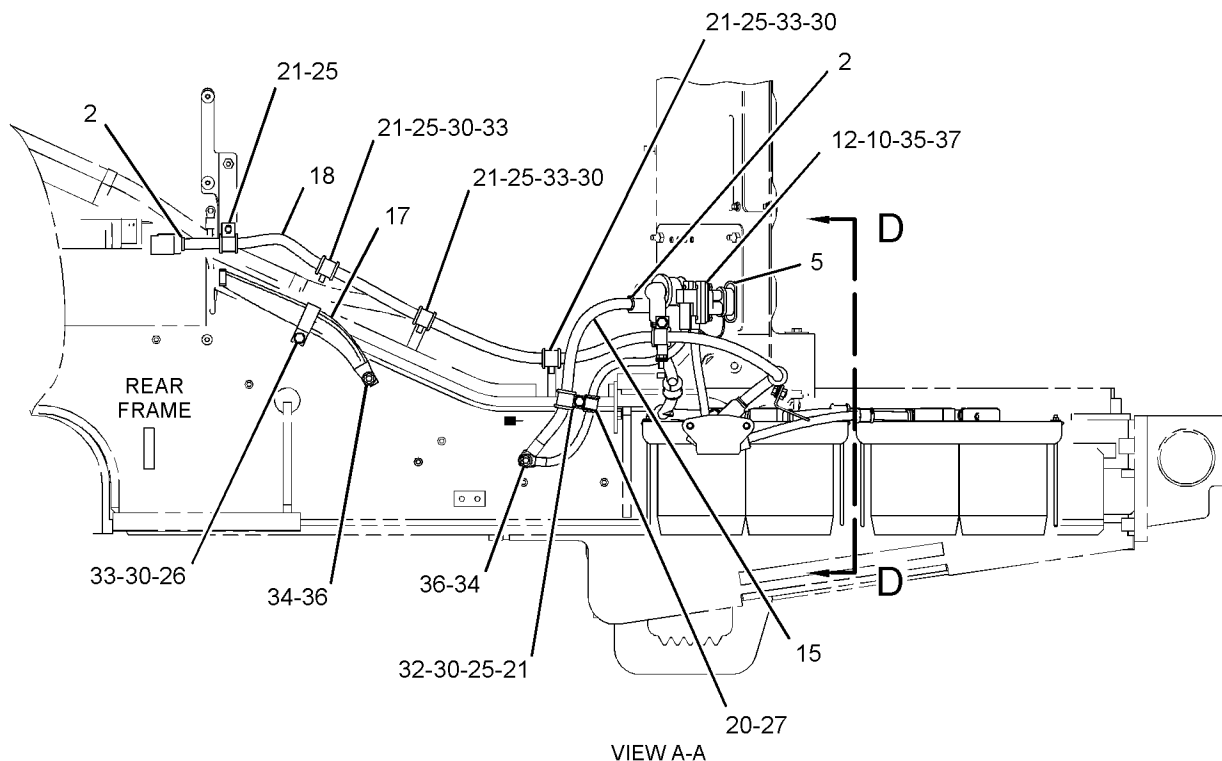
GRAPHIC #1

g01365105

ELECTRICAL AND STARTING SYSTEM

285 - 7332 BATTERY & WIRING GP (contd.)

i02682969



GRAPHIC #2

<END>

g01365243

ELECTRICAL AND STARTING SYSTEM

167-8984 BATTERY GP-CAES

S/N: ASX1-UP

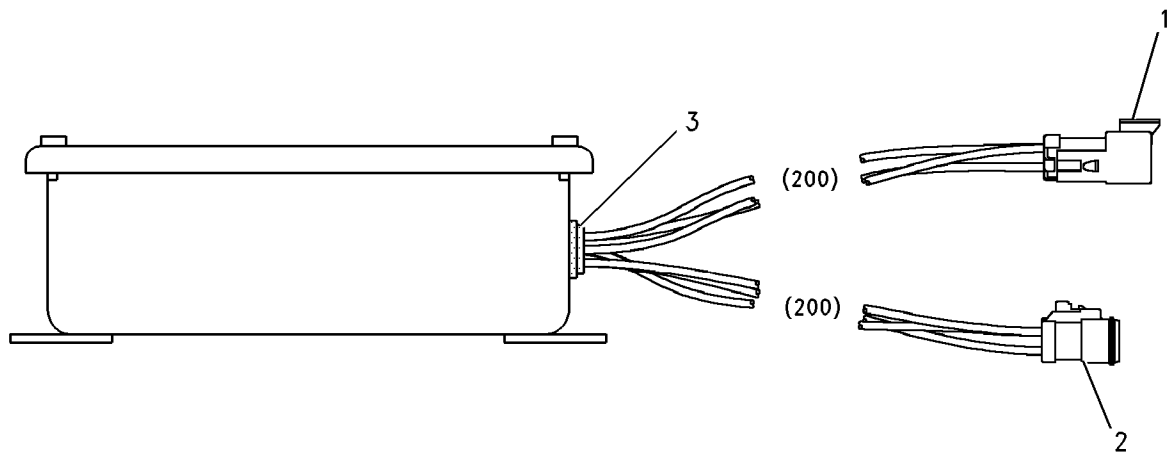
24-VOLT

PART OF 262-9877 INSTALLATION AR-CAES
AN ATTACHMENT

SMCS-1401

i02756703

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



GRAPHIC #1

<END>

g00989583

ELECTRICAL AND STARTING SYSTEM

285 - 7424 CAMERA AR-REAR

S/N: ASX1-UP

AN ATTACHMENT

SMCS - 7348

i02683899

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	306-2110	1	MONITOR GP-CAMERA						839
Y	285-7425	1	WIRING GP-CAMERA						335
Y-SEPARATE ILLUSTRATION									
<END>									

ELECTRICAL AND STARTING SYSTEM

126-7631 CONNECTION GP-ELECTRICAL

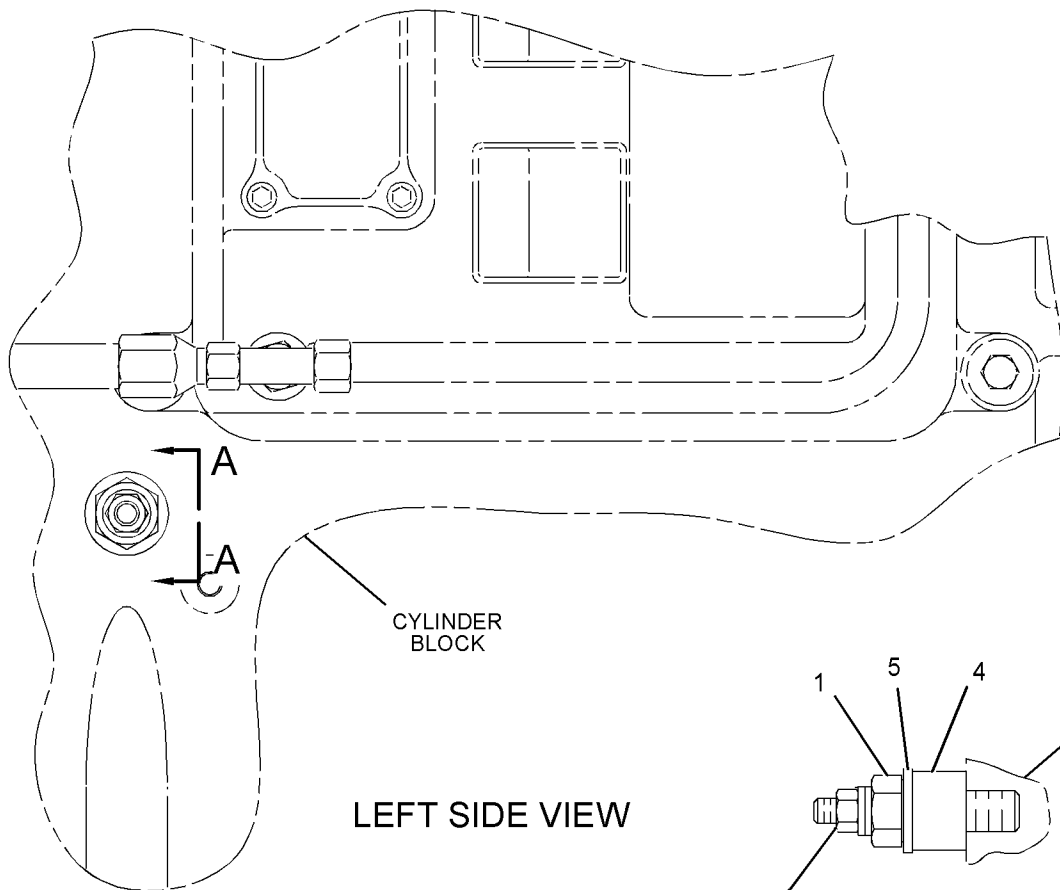
S/N: LHX1-UP

PART OF 225-8923 ENGINE AR-COMplete
FOR USE WITH BLOCK SOUND PANEL

SMCS-1408

i02756705

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



GRAPHIC #1

<END>

g01380369

ELECTRICAL AND STARTING SYSTEM

243 - 1560 CONTROL & MTG GP - ENGINE ELEK

S/N: LHX1-8234

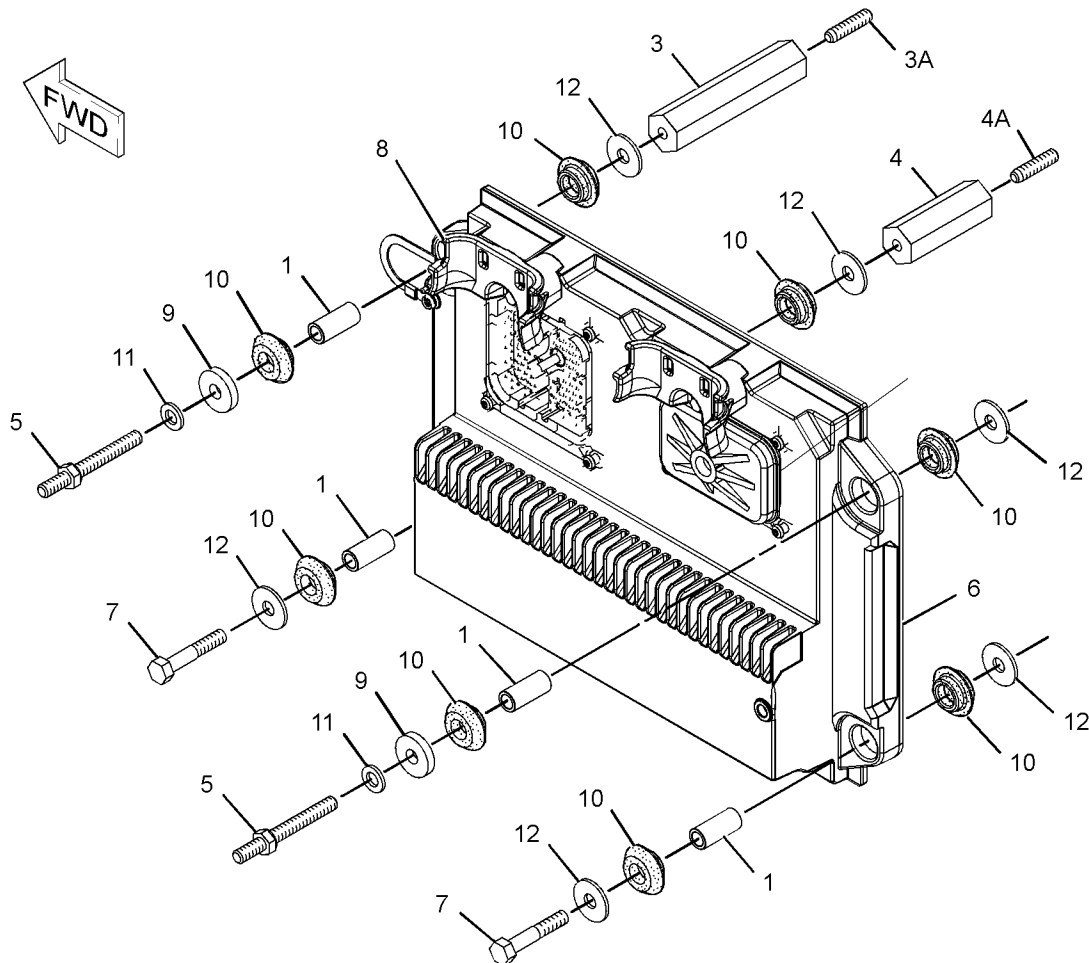
AIR COOLED

PART OF 225-8923 ENGINE AR-COMplete

SMCS-1901, 7620

i02440596

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-1418	4	SPACER (8.2X12.7X28.7-MM THK)						
	3	1	155-0696	1	SUPPORT AS						
	3A	1	5L-3708	1	STUD-TAPERLOCK						
	4	1	155-0698	1	SUPPORT AS						
	4A	1	5L-3708	1	STUD-TAPERLOCK						
	5	1	161-7419	2	STUD						
	6	1	248-4068	2	CONTROL GP-UNPROGRAMMED (ENGINE)						
	7	1	1B-9575	2	BOLT (5/16-18X1.56-IN)						
	8	1	233-0891	2	BRACKET AS						
	9	1	6V-3964	2	WASHER-HARD (8.8X25.5X5-MM THK)						
	10	1	8T-9655	8	MOUNT-ISOLATION						
	11	1	9M-1974	2	WASHER-HARD (8.8X16X2-MM THK)						
	12	1	9N-0869	6	WASHER-HARD (8.8X25.5X2-MM THK)						



GRAPHIC #1

<END>

g01157703

ELECTRICAL AND STARTING SYSTEM

243 - 1560 CONTROL & MTG GP - ENGINE ELEK

S/N: LHX8235-UP

AIR COOLED

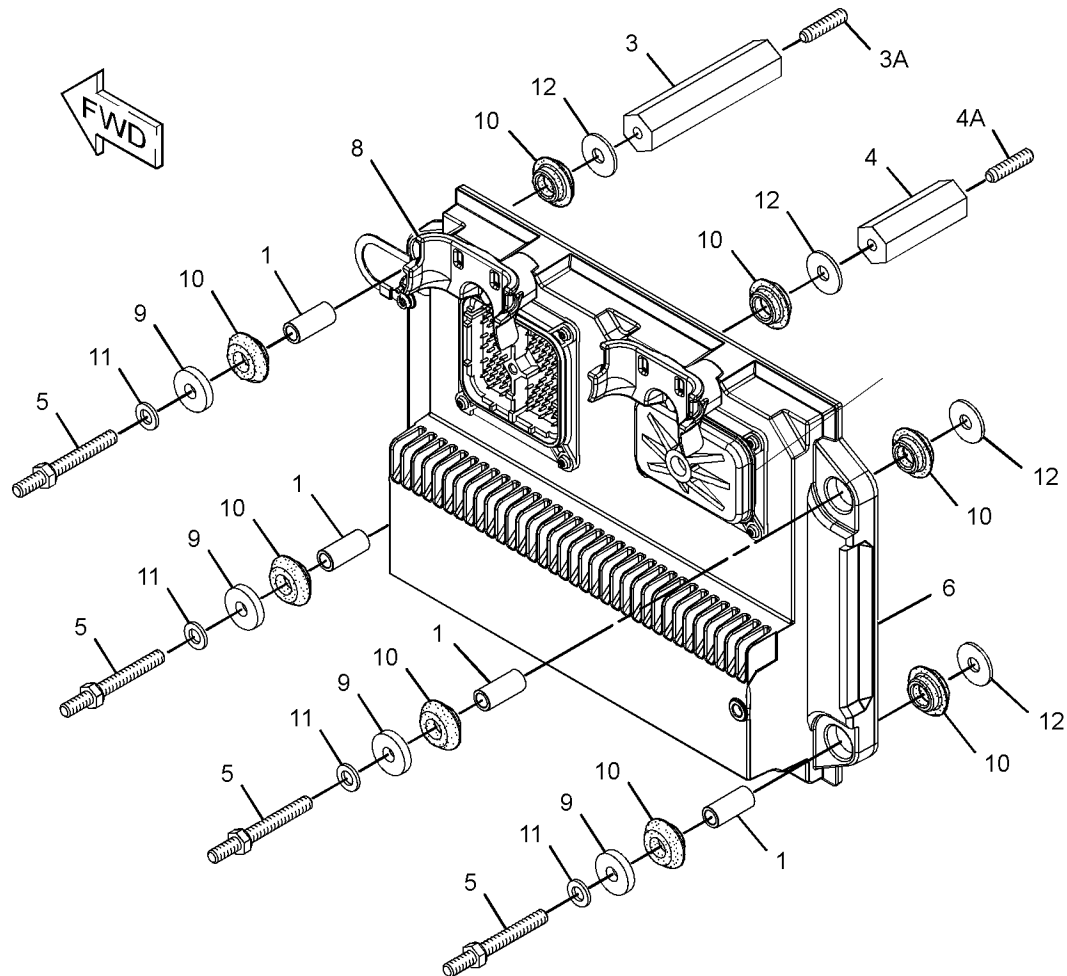
PART OF 225-8923 ENGINE AR-COMplete

SMCS-1901, 7620

i02582560

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

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



GRAPHIC #1

<END>

g01300423

ELECTRICAL AND STARTING SYSTEM

242-7205 CONTROL GP-COMMUNICATION-PRODUCT LINK 201

S/N: ASX1-UP

PART OF 240-0720 WIRING GP-COMMUNICATION

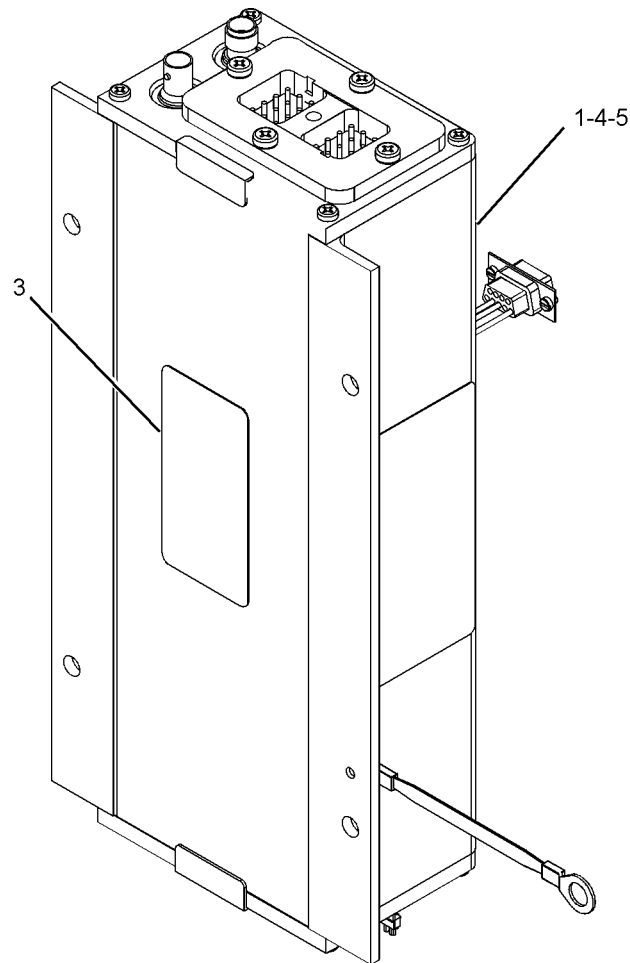
FIELD REPLACEMENT ORDER 273-5723-PAGE 233, 273-5725-PAGE 234

AN ATTACHMENT

SMCS-7610, 7620

i02533958

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	168-7314	1	CONTROL GP-UNPROGRAMMED (PRODUCT LINK 201)	213
	3	1	231-1403	1	FILM-INFORMATION (PRODUCT LINK)	
	4	1	254-9114	1	SOFTWARE GP-COMMUNICATION (PRODUCT LINK)	
	5	1	254-9115	1	SOFTWARE GP-MONITOR (PRODUCT LINK)	
FJ			230-1340	1	FILM-WARNING (PRODUCT LINK RADIO, NACD)	
FJ			230-1341	1	FILM-WARNING (PRODUCT LINK RADIO, NON NACD)	
F - NOT SHOWN						
J - SHIPPED LOOSE IN PACKAGE						
Y - SEPARATE ILLUSTRATION						



GRAPHIC #1

<END>

g01069139

ELECTRICAL AND STARTING SYSTEM

168-7314 CONTROL GP-UNPROGRAMMED-PRODUCT LINK 201

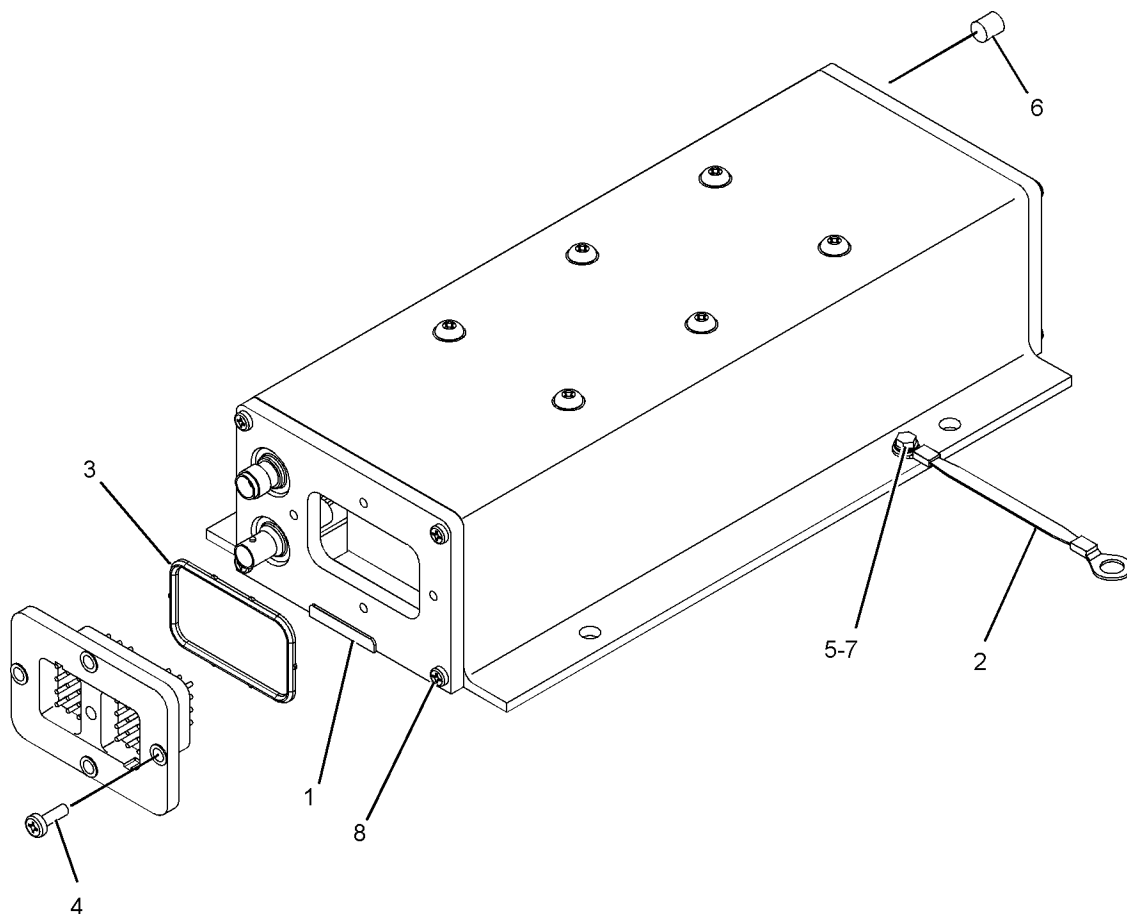
S/N: ASX1-UP

PART OF 242-7205 CONTROL GP-COMMUNICATION
AN ATTACHMENT

SMCS-7610

i02098214

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7T-7370	2	SEAL-SECURITY						
	2	1	7X-6315	1	STRAP AS-GROUND						
		1	2L-8078	1	TERMINAL (16-GA TO 14-GA)						
	3	1	9X-1365	1	SEAL-CONNECTOR						
	4	1	178-3339	4	SCREW (8-32X0.5-IN)						
	5	1	3B-4501	1	LOCKWASHER						
	6	1	4D-0514	1	PLUG-PIPE						
	7	1	6V-6718	1	SCREW-Self-TAPPING (M8X32X6.35-MM)						
	8	1	9X-6257	8	SCREW-MACHINE (6-32X0.625-IN)						



GRAPHIC #1

<END>

g01015086

ELECTRICAL AND STARTING SYSTEM

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

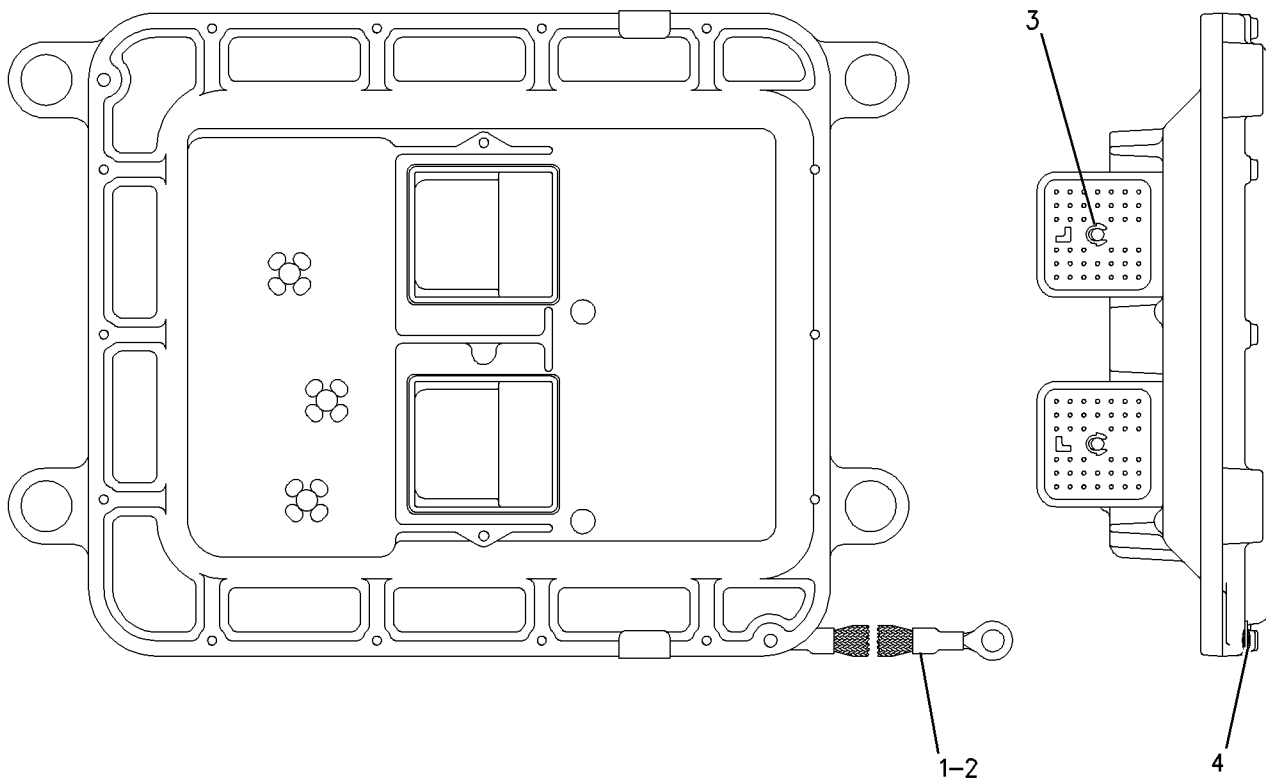
S/N: ASX1-UP

PART OF 235-1051 WIRING GP - CAB

SMCS-7610

i02127652

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7X-6315	1	STRAP AS-GROUND						
	2	1	101-0852	1	SCREW-PAN HEAD (NO 8X3/8-IN)						
M	3	1	6V-6703	2	KIT-RETAINING BOLT (UNPROGRAMMED CONTROL)						
					(EACH INCLUDES BOLT, RING, AND SEALS)						
	4	1	134-4126	1	WASHER (4.52X8.28X0.76-MM THK)						
M-METRIC PART											



GRAPHIC #1

<END>

g00951290

ELECTRICAL AND STARTING SYSTEM

172-9391 CONTROL GP-UNPROGRAMMED-IMPLEMENT*R

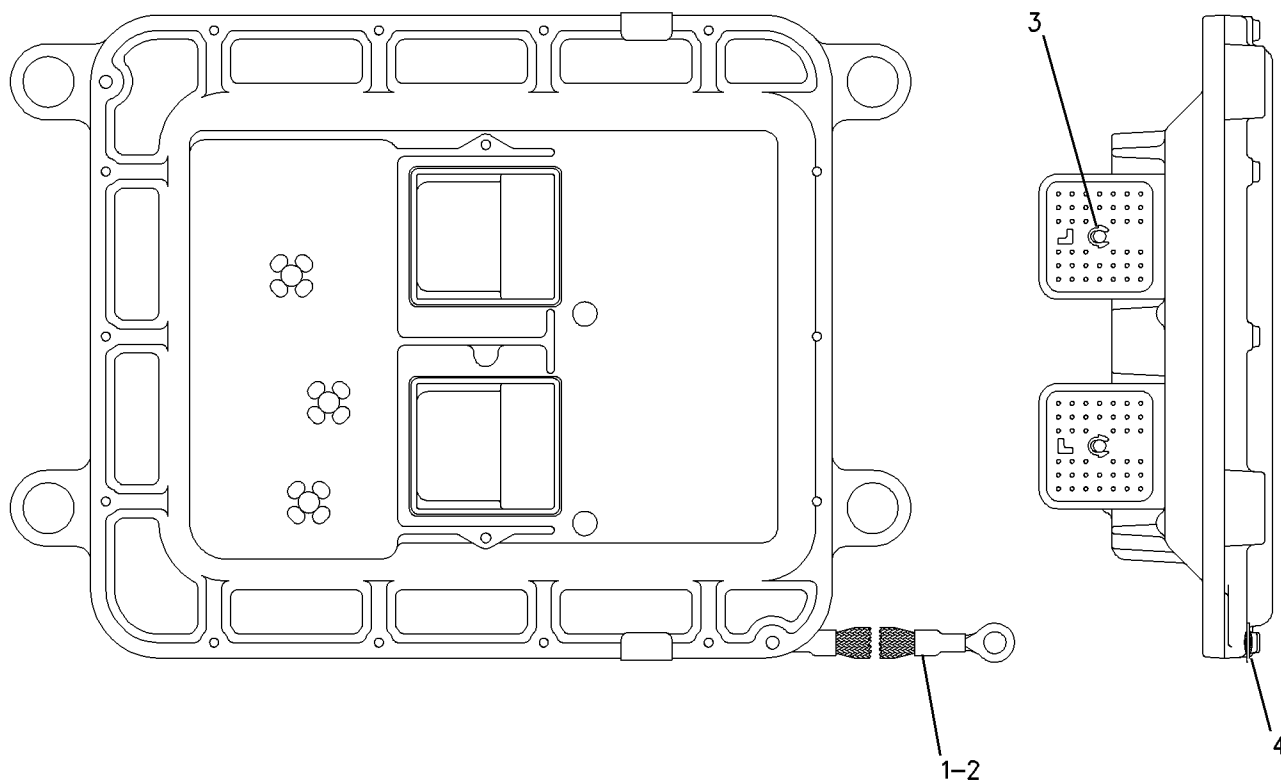
S/N: ASX1-UP

PART OF 235-1051 WIRING GP-CAB

SMCS-7610

i02279220

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7X-6315	1	STRAP AS-GROUND						
	2	1	101-0852	1	SCREW-PAN HEAD (NO 8X3/8-IN)						
M	3	1	6V-6703	2	KIT-RETAINING BOLT (UNPROGRAMMED CONTROL)						
					(INCLUDES BOLT, RING, AND SEALS)						
	4	1	134-4126	1	WASHER (4.52X8.28X0.76-MM THK)						
M-METRIC PART											



GRAPHIC #1

<END>

g00951283

ELECTRICAL AND STARTING SYSTEM

239-9954 CONTROL GP-UNPROGRAMMED-ELECTRONIC- PRODUCT LINK 300

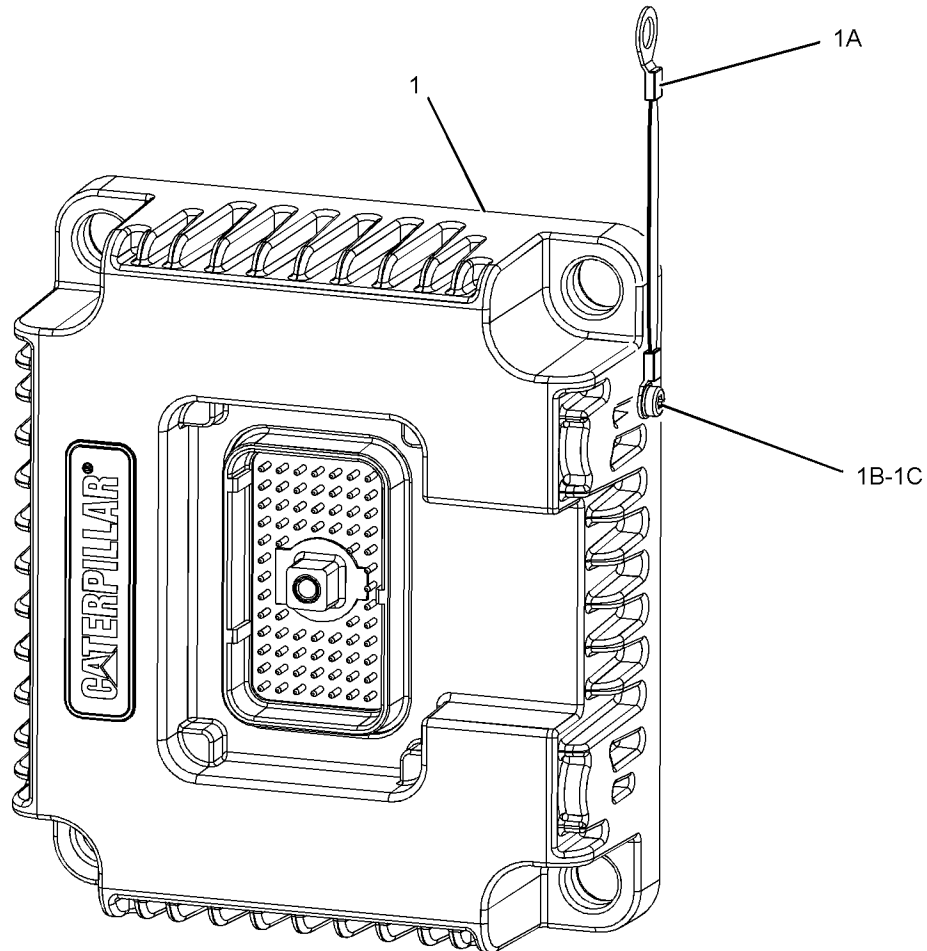
S/N: ASX1-UP
COMMUNICATION

PART OF 269-6134, 285-7423 WIRING GP-COMMUNICATION
AN ATTACHMENT

SMCS-7610

i02746480

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	285-1133	1	CONTROL GP-UNPROGRAMMED						
	1A	1	7X-6315	1	STRAP AS-GROUND						
	1B	1	126-7574	1	SCREW-PAN HEAD (8-32X9.52-MM)						
	1C	1	134-4126	1	WASHER (4.52X8.28X0.76-MM THK)						



GRAPHIC #1

<END>

g01377625

ELECTRICAL AND STARTING SYSTEM

226-9616 ELECTRICAL AR

S/N: ASX1-299

PART OF 226-9588 GENERAL AR

SMCS-1408, 1429, 7402, 7406

i02758340

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	263-2084	1	BATTERY & WIRING GP						197
Y	227-4409	1	ELECTRONICS GP-IMPLEMENT						220
Y	227-4410	1	ELECTRONICS GP-MONITOR (CATERPILLAR MONITORING SYSTEM)						221
Y	227-4411	1	ELECTRONICS GP-POWER TRAIN						221
Y	240-6698	1	HORN GP-ELECTRIC						812
Y	183-1901	1	LIGHTING GP-FLOOD (FRONT)						242
Y	183-3463	1	LIGHTING GP-FLOOD (RADIATOR GUARD)						244
Y	8R-5645	1	LIGHTING GP-STOP (REAR)						250
Y	227-4416	1	RECEPTACLE GP-AUXILIARY START						256
Y	227-4417	1	WARNING GP-BACKUP						308
Y	227-4424	1	WIRING GP-CHASSIS						336
Y	227-4421	1	WIRING GP-ENGINE						360
Y	240-7131	1	WIRING GP-FRONT						379
Y	227-4422	1	WIRING GP-REAR						389
Y	244-8867	1	WIRING GP-SENSOR (AUTOMATIC BLADE POSITIONING)						401

Y-SEPARATE ILLUSTRATION

<END>

285-7324 ELECTRICAL AR

S/N: ASX300-UP

PART OF 226-9588 GENERAL AR

SMCS-1408, 1429, 7402, 7406

i02682911

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	285-7332	1	BATTERY & WIRING GP						203
Y	285-7327	1	ELECTRONICS GP-IMPLEMENT						220
Y	285-7328	1	ELECTRONICS GP-IMPLEMENT						220
Y	227-4411	1	ELECTRONICS GP-POWER TRAIN						221
Y	240-6698	1	HORN GP-ELECTRIC						812
Y	183-1901	1	LIGHTING GP-FLOOD (FRONT)						242
Y	183-3463	1	LIGHTING GP-FLOOD (RADIATOR GUARD)						244
Y	8R-5645	1	LIGHTING GP-STOP (REAR)						250
Y	227-4417	1	WARNING GP-BACKUP						308
Y	285-7333	1	WIRING GP-ENGINE						367
Y	240-7131	1	WIRING GP-FRONT						379
Y	285-7337	1	WIRING GP-MACHINE						384
Y	297-5208	1	WIRING GP-REAR						391
Y	285-7340	1	WIRING GP-RELAY PANEL						397
Y	244-8867	1	WIRING GP-SENSOR (AUTOMATIC BLADE POSITIONING)						401

Y-SEPARATE ILLUSTRATION

<END>

ELECTRICAL AND STARTING SYSTEM

262-1421 ELECTRONICS GP-COMMUNICATION- PRODUCT LINK 300

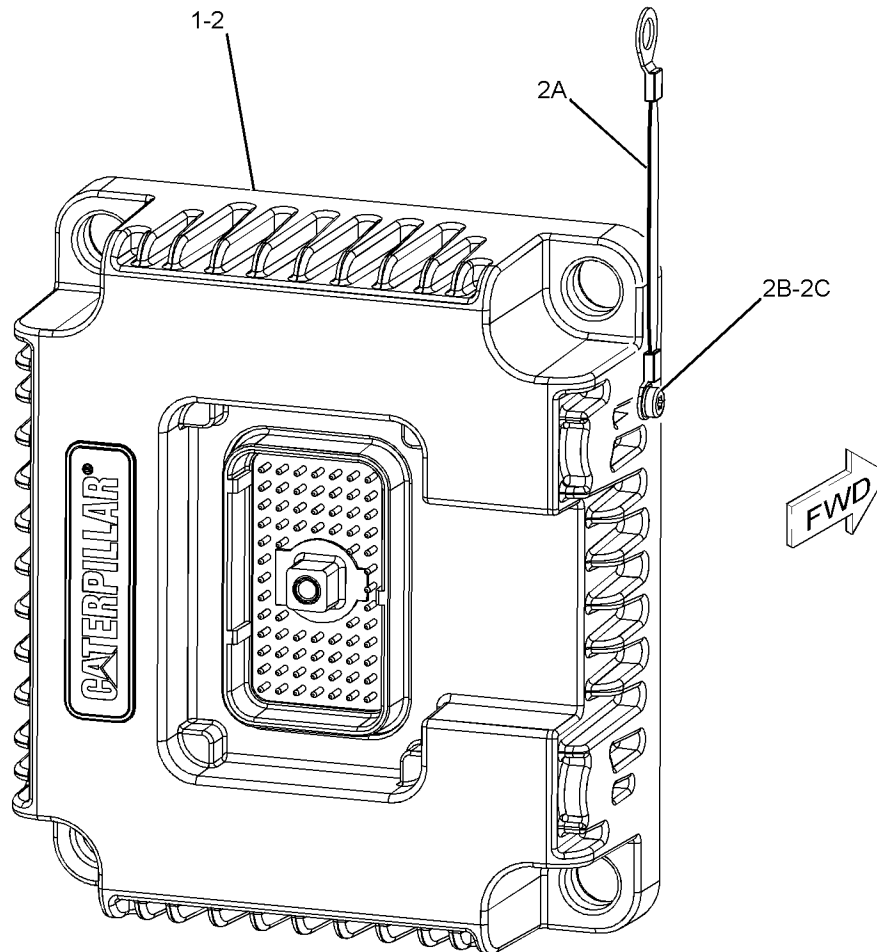
S/N: ASX1-UP

PART OF 273-5723, 273-5725 INSTALLATION GP-COMMUNICATION

SMCS-7606, 7610, 7620

i02702007

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	294-5804	1	SOFTWARE GP-COMMUNICATION (PRODUCT LINK 300)	
					-OR-	
	2	1	294-5805	1	SERVICE GP-COMMUNICATION (PRODUCT LINK 300)	
					(OPTIONAL SERVICE REPLACEMENT) (INCLUDES CONTROL GP & SOFTWARE)	
	2A	1	7X-6315	1	STRAP AS-GROUND	
	2B	1	126-7574	1	SCREW-PAN HEAD (8-32X9.52-MM)	
	2C	1	134-4126	1	WASHER (4.52X8.28X0.76-MM THK)	



GRAPHIC #1

<END>

g01357628

ELECTRICAL AND STARTING SYSTEM

262-2043 ELECTRONICS GP-COMMUNICATION- PRODUCT LINK 300

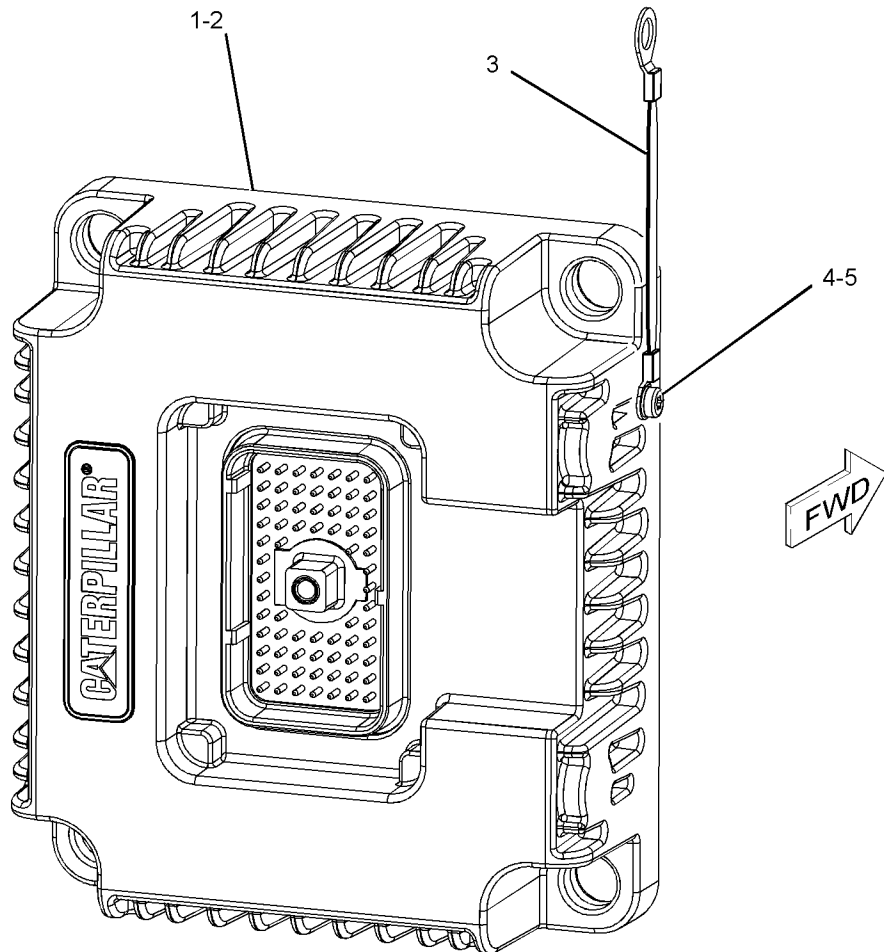
S/N: ASX1-UP

PART OF 274-5046, 274-5057, 285-7421, 285-7422 INSTALLATION AR-COMMUNICATION
AN ATTACHMENT

SMCS-7606, 7610, 7620

i02663492

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	294-5804	1	SOFTWARE GP-COMMUNICATION (PRODUCT LINK 300) -OR- (OPTIONAL SERVICE REPLACEMENT)	
	2	1	294-5805	1	SERVICE GP-COMMUNICATION (PRODUCT LINK 300) (INCLUDES CONTROL GP & 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

227-4409 ELECTRONICS GP - IMPLEMENT

S/N: ASX1-299

PART OF 226-9616 ELECTRICAL AR

SMCS-5701, 7610, 7620

i02765123

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	232-3638	1	SOFTWARE GP - IMPLEMENT						
			-OR-						
	232-3639	1	SERVICE GP - IMPLEMENT						
			(OPTIONAL SERVICE REPLACEMENT) (INCLUDES CONTROL GP & SOFTWARE)						
M	6V-6703	2	KIT-RETAINING BOLT (ELECTRONIC CONTROL MODULE)						
			(INCLUDES ELECTRONIC CONTROL MODULE)						
	7X-6315	1	STRAP AS-GROUND						
	101-0852	1	SCREW-PAN HEAD (NO 8X3/8-IN)						
	134-4126	1	WASHER (4.52X8.28X0.76-MM THK)						

M-METRIC PART

R-REMFG PART MAY BE AVAILABLE

<END>

285-7327 ELECTRONICS GP - IMPLEMENT

S/N: ASX300-UP

PART OF 285-7324 ELECTRICAL AR

SMCS-5701, 7610, 7620

i02682965

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	300-3557	1	SOFTWARE GP - IMPLEMENT						
			-OR-						
	300-3558	1	SERVICE GP - IMPLEMENT						
			(OPTIONAL SERVICE REPLACEMENT) (INCLUDES CONTROL GP & SOFTWARE)						
M	6V-6703	2	KIT-RETAINING BOLT (ELECTRONIC CONTROL MODULE)						
			(INCLUDES BOLT, RING & SEALS)						
	7X-6315	1	STRAP AS-GROUND						
	101-0852	1	SCREW-PAN HEAD (NO 8X3/8-IN)						
	134-4126	1	WASHER (4.52X8.28X0.76-MM THK)						

M-METRIC PART

<END>

285-7328 ELECTRONICS GP - IMPLEMENT

S/N: ASX300-UP

PART OF 285-7324 ELECTRICAL AR

SMCS-5701, 7610, 7620

i02682968

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	300-3576	1	SOFTWARE GP - IMPLEMENT						
			-OR-						
	300-3577	1	SERVICE GP - IMPLEMENT						
			(OPTIONAL SERVICE REPLACEMENT) (INCLUDES CONTROL GP & SOFTWARE)						
			<END>						

ELECTRICAL AND STARTING SYSTEM

227-4410 ELECTRONICS GP-MONITOR- CATERPILLAR MONITORING SYSTEM

S/N: ASX1-299

PART OF 226-9616 ELECTRICAL AR

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

i01990147

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	134-3379	1	FILM-IDENTIFICATION (ELECTRONIC CONTROL MODULE) (NOT SERVICED SEPARATELY-FACTORY INSTALLED)						
	232-5219	1	SOFTWARE GP-MONITOR (CATERPILLAR MONITORING SYSTEM)						
NOTE: 232-5220 SERVICE GP-MONITOR IS AVAILABLE									
NOTE: THIS ELECTRONICS GP CONTAINS SOFTWARE FOR CONTROL GP-UNPROGRAMMED (MONITOR)									
<END>									

227-4411 ELECTRONICS GP-POWER TRAIN

S/N: ASX1-UP

PART OF 226-9616, 285-7324 ELECTRICAL AR

SMCS-4800, 4808, 7610, 7620

i02765125

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	232-3640	1	SOFTWARE GP-POWER TRAIN						
			-OR-						
	232-3641	1	SERVICE GP-POWER TRAIN						
			(OPTIONAL SERVICE REPLACEMENT) (INCLUDES CONTROL GP & SOFTWARE)						
M	6V-6703	2	KIT-RETAINING BOLT (ELECTRONIC CONTROL MODULE)						
			(ELECTRONIC CONTROL MODULE)						
	7X-6315	1	STRAP AS-GROUND						
	101-0852	1	SCREW-PAN HEAD (NO 8X3/8-IN)						
	134-4126	1	WASHER (4.52X8.28X0.76-MM THK)						
M-METRIC PART R-REMFG PART MAY BE AVAILABLE									
<END>									

ELECTRICAL AND STARTING SYSTEM

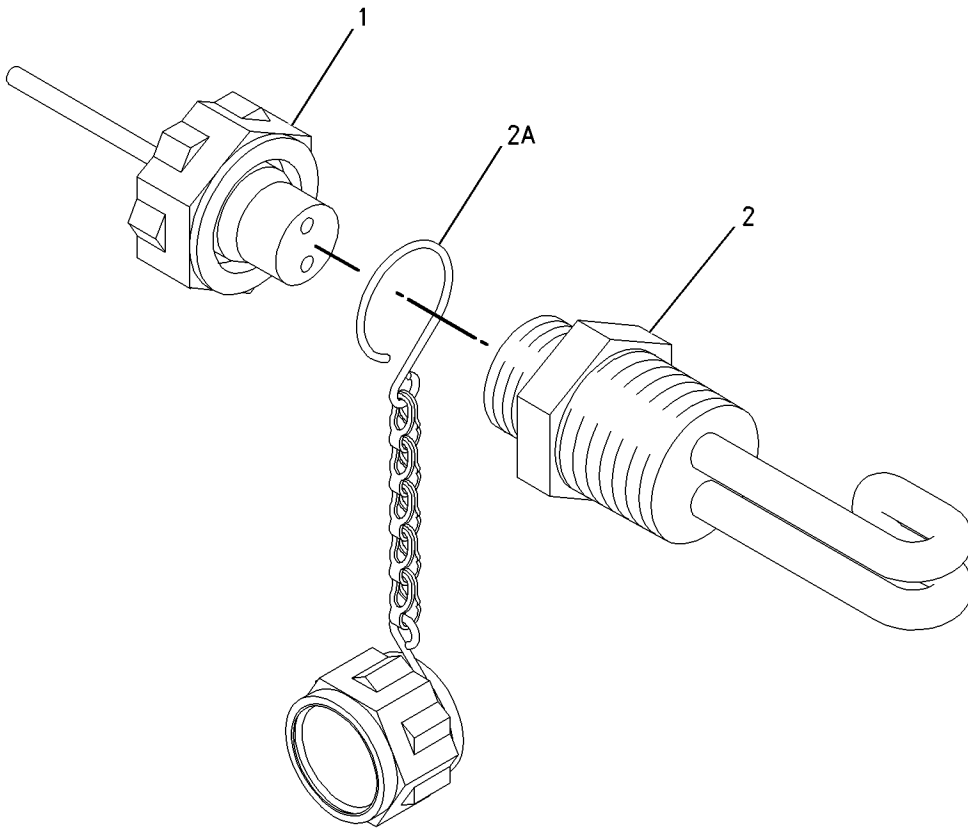
190-3132 HEATER GP-JACKET WATER

S/N: ASX1-UP
220-VOLT, 1500-WATT
AN ATTACHMENT

SMCS-1383

i01620054

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



GRAPHIC #1

<END>

g00841521

ELECTRICAL AND STARTING SYSTEM

207-7030 HEATER GP-JACKET WATER

S/N: ASX1-UP

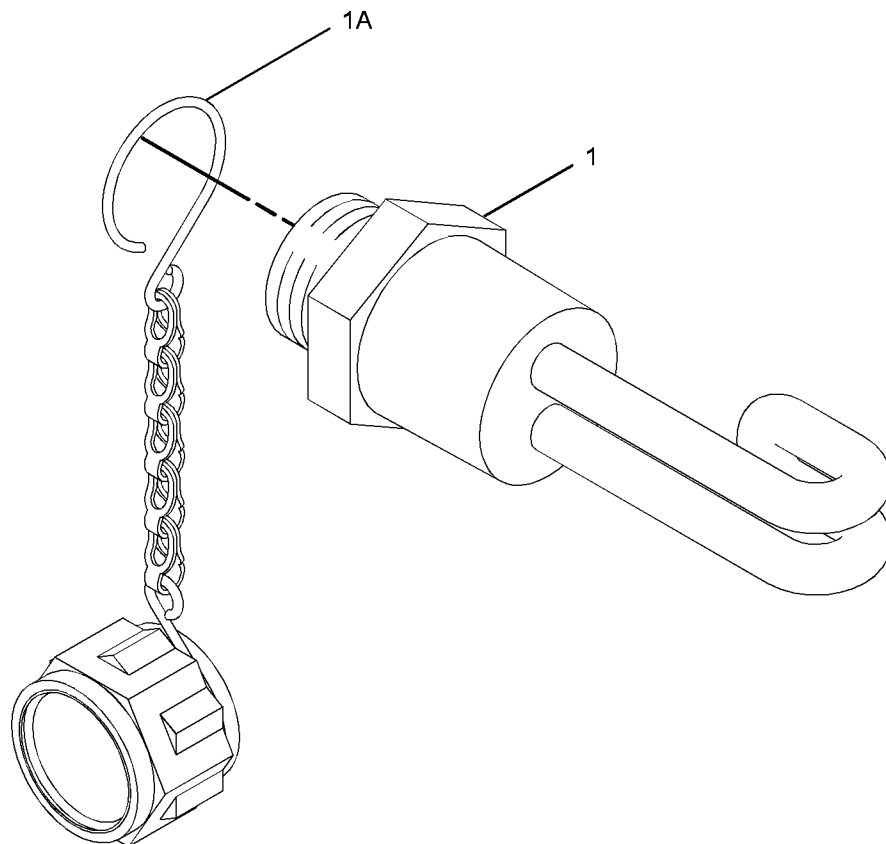
120-VOLT, 1500-WATT

FOR USE WITH ENGINES REQUIRING A 110 VOLT HEATER ASSEMBLY THAT IS SHORTER THAN THE
STANDARD HEATER, 296-8073—PAGE 383. CANNOT BE USED WITH 190-3132—PAGE 222
AN ATTACHMENT

SMCS-1383

i02686109

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



GRAPHIC #1

<END>

g01349627

ELECTRICAL AND STARTING SYSTEM

262-9877 INSTALLATION AR-CAES

S/N: ASX1-299

CANNOT BE USED WITH 131-2633—PAGE 898, 239-0272—PAGE 837
AN ATTACHMENT

SMCS-7604

i02293626

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	7K-1181	21	STRAP-CABLE	
	2	1	8C-5607	6	MOUNT-ISOLATION	
	3	1	140-7480	1	BRACKET-MOUNTING	
	4	1	167-8610	1	BRACKET AS	
	5	1	167-8712	1	ALARM (CAES)	
	6	1	167-8713	1	BAFFLE AS	
	7	1	167-8799	1	PLATE	
Y	8	1	167-8984	1	BATTERY GP (24-VOLT, CAES)	207
	9	1	174-3016	1	PLUG AS-CONNECTOR (3-PIN)	
	10	1	205-4285	1	CONVERTER GP-ELECTRICAL (24-VOLT TO 12-VOLT)	
	11	1	207-4648	1	BRACKET AS (RH)	
	12	1	207-4653	1	BRACKET AS (LH)	
	13	1	239-0283	1	BRACKET AS	
		1	7T-1099	1	LINK	
	14	1	239-0284	1	BRACKET AS	
		1	7T-1099	3	LINK	
M		1	8T-3597	4	NUT-WELD (M12X1.75-THD)	
M		1	8T-3612	4	NUT-WELD (M8X1.25-THD)	
M		1	165-8718	6	NUT-WELD (M4X0.07-THD)	
	15	1	239-0285	1	BRACKET AS	
M		1	6V-9632	1	NUT-WELD (M6X1-THD)	
	16	1	239-9344	1	HARNESS AS-CONTROL (CAES)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)	
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)	
		1	102-8806	1	KIT-RECEPTACLE (8-PIN)	
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)	
					(EACH KIT INCLUDES RECEPTACLE AS AND WEDGE)	
		1	3S-2093	2	STRAP-CABLE	
		1	176-9299	1	KIT-RECEPTACLE (3-PIN)	
					(INCLUDES RECEPTACLE AS AND WEDGE)	
		1	155-2265	1	KIT-CONNECTING PLUG (8-PIN)	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)	
		1	155-2265	1	KIT-CONNECTING PLUG (8-PIN)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)	
					(EACH KIT INCLUDES PLUG AS AND WEDGE)	
		1	160-7689	1	PLUG AS-CONNECTOR (70-PIN)	
	17	1	240-2735	1	WIRE AS	
	18	1	240-5283	1	HARNESS AS-WIRING (FERRITE)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS AND WEDGE)	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)	
					(INLCUDES PLUG AS AND WEDGE)	
	19	1	257-5002	1	BRACKET AS	
M		1	6V-9632	3	NUT-WELD (M6X1-THD)	
	20	1	095-0826	4	LOCKWASHER	
	21	1	096-6166	2	WASHER-HARD (4.5X9X1-MM THK)	
	22	1	113-8277	4	SCREW-PAN HEAD (8-32X12.7-MM)	
	23	1	130-5300	2	CLIP	
	24	1	156-6175	1	CLIP	
	25	1	3E-4352	4	WASHER-HARD (8.8X20.5X2.5-MM THK)	
M	26	1	3E-9854	4	BOLT (M8X1.25X20-MM)	

ELECTRICAL AND STARTING SYSTEM

262-9877 INSTALLATION AR-CAES (contd.)

i02293626

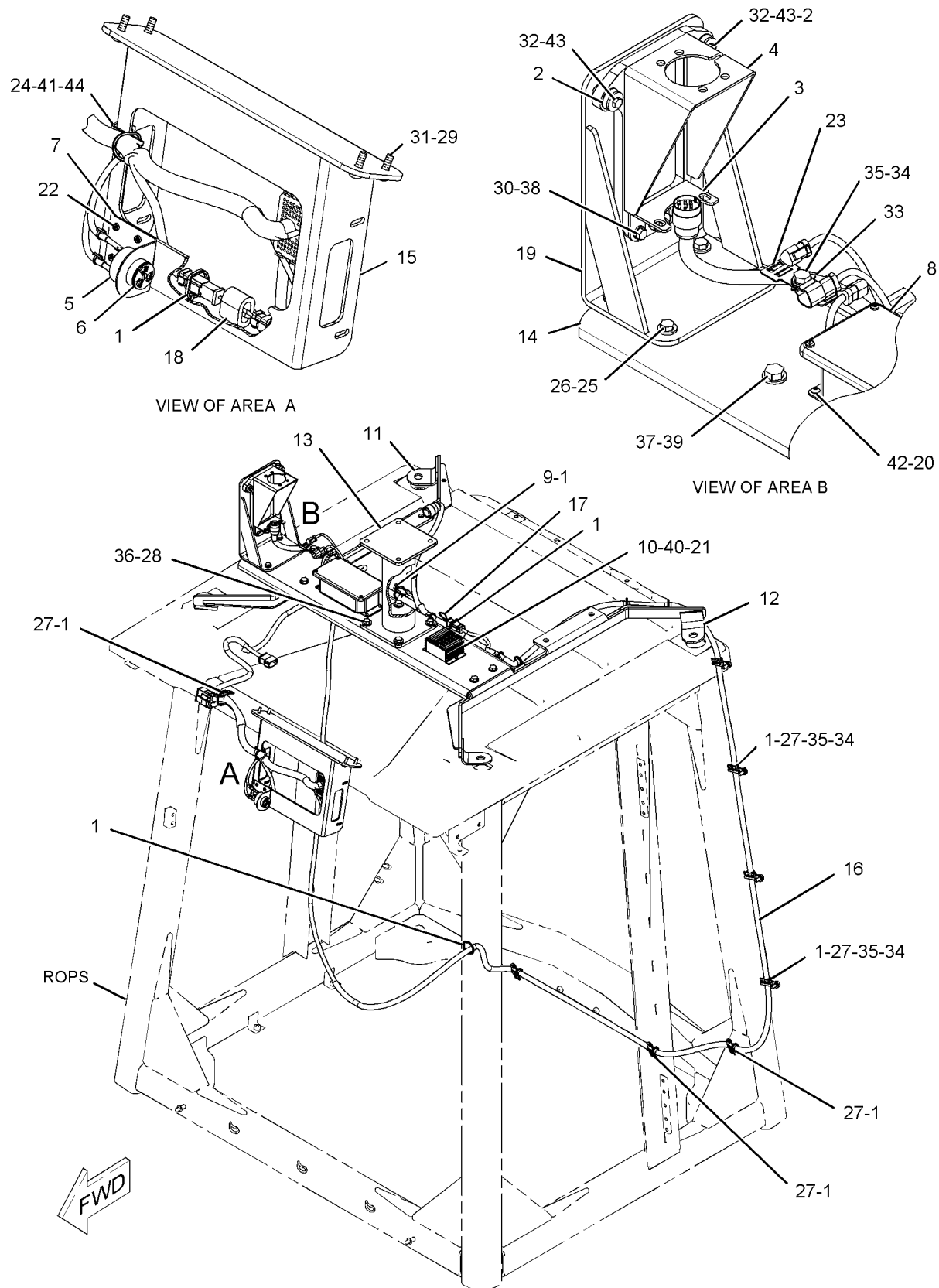
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	27	1	4P-7581	11	CLIP						
	28	1	5P-1076	4	WASHER-HARD (13.5X30X4-MM THK)						
	29	1	5P-4116	4	WASHER-HARD (8.8X20.5X2-MM THK)						
	30	1	5S-7349	2	BOLT (1/4-20X0.5-IN)						
M	31	1	7Y-9099	4	SCREW-TRUSS HEAD (M8X1.25X25-MM)						
M	32	1	8C-8451	3	BOLT (M6X1X40-MM)						
	33	1	8M-2770	1	CLIP						
	34	1	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)						
M	35	1	8T-4137	8	BOLT (M10X1.5X20-MM)						
M	36	1	8T-4183	4	BOLT (M12X1.75X40-MM)						
M	37	1	8T-4194	4	BOLT (M12X1.75X50-MM)						
	38	1	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)						
	39	1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)						
M	40	1	8T-4647	2	SCREW-MACHINE (M4X0.7X20-MM)						
M	41	1	8T-4970	1	BOLT (M6X1X14-MM)						
M	42	1	9X-1046	4	SCREW (M4X0.7X18-MM)						
	43	1	9X-6165	3	WASHER (6.5X22X2.5-MM THK)						
	44	1	9X-8256	1	WASHER (6.6X12X2-MM THK)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

262-9877 INSTALLATION AR-CAES (contd.)

i02293626



GRAPHIC #1

<END>

g01127614

ELECTRICAL AND STARTING SYSTEM

262-9877 INSTALLATION AR-CAES

S/N: ASX300-UP

CANNOT BE USED WITH 131-2633-PAGE 898, 239-0272-PAGE 837
AN ATTACHMENT

SMCS-7604

i02684007

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1, 2	7K-1181	16	STRAP-CABLE	
	2	2	8C-5607	6	MOUNT-ISOLATION	
C	3	2	8C-5608	3	SPACER (6.5X9.5X25.4-MM THK)	
	4	2	140-7480	1	BRACKET-MOUNTING	
	5	2	167-8610	1	BRACKET AS	
	6	1	167-8712	1	ALARM (CAES)	
	7	1	167-8713	1	BAFFLE AS	
	8	1	167-8799	1	PLATE	
Y	9	1	167-8984	1	BATTERY GP (24-VOLT, CAES)	207
	10	2	205-4285	1	CONVERTER GP-ELECTRICAL (24-VOLT TO 12-VOLT)	
	11	1	239-0285	1	BRACKET AS	
M		1	6V-9632	1	NUT-WELD (M6X1-THD)	
	12	1	240-2735	1	WIRE AS	
	13	1	240-5283	1	HARNESS AS-WIRING (FERRITE)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN) (INCLUDES PLUG AS AND WEDGE)	
C	14	1	276-1454	1	BRACKET AS	
C	15	1	276-1456	1	COVER AS	
C	16	1	276-1457	1	BRACKET AS	
C	17	1	276-2899	1	HARNESS AS-CAB (CAES)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)	
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)	
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)	
		1	102-8801	1	KIT-RECEPTACLE (12-PIN) (EACH KIT-RECEPTACLE INCLUDES RECEPTACLE AS AND WEDGE)	
		1	3S-2093	2	STRAP-CABLE	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2271	1	KIT-CONNECTING PLUG (4-PIN)	
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN) (EACH KIT-PLUG INCLUDES PLUG AS AND WEDGE)	
		1	160-7689	1	PLUG AS-CONNECTOR (70-PIN)	
		1	171-5349	2	STRAP-MARKER	
C	18	1	294-0131	1	HARNESS AS-CONTROL (CAES)	
		1	102-8803	1	KIT-RECEPTACLE (3-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN) (EACH KIT-PLUG INCLUDES PLUG AS AND WEDGE)	
		1	167-8987	1	PLUG AS-CONNECTOR (8-PIN)	
C	19	1	303-9540	1	BRACKET AS (LH)	
C	20	1	304-0266	1	BRACKET AS (RH)	
C	21	2	304-5761	1	BRACKET AS	
C	22	1	306-0184	1	PLATE	
C	23	2	306-1013	1	BARRIER	
	24	1	095-0826	4	LOCKWASHER	
	25	2	096-6166	2	WASHER-HARD (4.5X9X1-MM THK)	
	26	1	113-8277	4	SCREW-PAN HEAD (8-32X12.7-MM)	
C	27	2	130-5300	1	CLIP	
C	28	1	156-6175	2	CLIP	
CM	29	1	174-8131	4	SCREW-TRUSS HEAD (M4X0.7X12-MM)	

ELECTRICAL AND STARTING SYSTEM

262-9877 INSTALLATION AR-CAES (contd.)

i02684007

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	30	2	2M-3432	1	GROMMET						
	31	2	3E-4352	4	WASHER-HARD (8.8X20.5X2.5-MM THK)						
M	32	2	3E-9854	4	BOLT (M8X1.25X20-MM)						
C	33	1,2	4P-7581	8	CLIP						
	34	1	5P-1076	4	WASHER-HARD (13.5X30X4-MM THK)						
	35	1	5P-4116	4	WASHER-HARD (8.8X20.5X2-MM THK)						
	36	2	5S-7349	2	BOLT (1/4-20X0.5-IN)						
C	37	2	6D-5729	1	GROMMET						
C	38	1	6V-5839	8	WASHER (11X21X2.5-MM THK)						
CM	39	1	6V-6317	8	BOLT (M10X1.5X20-MM)						
CM	40	2	7X-2621	1	BOLT (M10X1.5X12-MM)						
M	41	1	7Y-9099	4	SCREW-TRUSS HEAD (M8X1.25X25-MM)						
M	42	2	8C-8451	3	BOLT (M6X1X40-MM)						
	43	1,2	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)						
CM	44	1	8T-4133	1	NUT (M10X1.5-THD)						
CM	45	1	8T-4136	1	BOLT (M10X1.5X25-MM)						
M	46	1	8T-4183	4	BOLT (M12X1.75X40-MM)						
CM	47	1,2	8T-4191	6	BOLT (M10X1.5X16-MM)						
M	48	1	8T-4194	4	BOLT (M12X1.75X50-MM)						
	49	2	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)						
	50	1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)						
M	51	1	8T-4970	1	BOLT (M6X1X14-MM)						
CM	52	2	8T-7852	2	BOLT (M4X0.7X10-MM)						
	53	2	9X-6165	3	WASHER (6.5X22X2.5-MM THK)						
	54	1	9X-8256	1	WASHER (6.6X12X2-MM THK)						
CE	55	1	7X-7877		STRIP-EDGING (8-CM)						

C- CHANGE FROM PREVIOUS TYPE

E- ORDER BY THE CENTIMETER

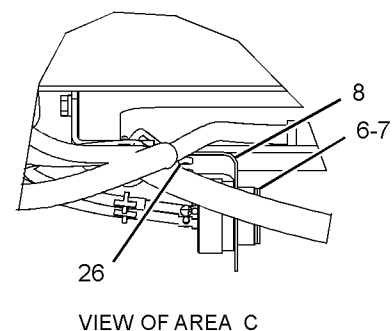
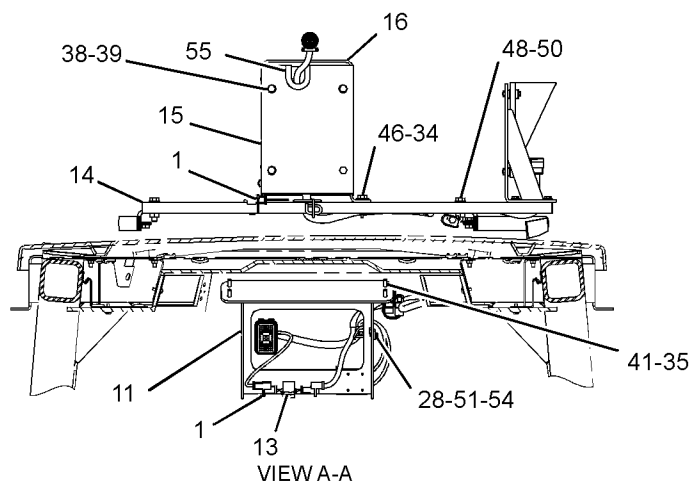
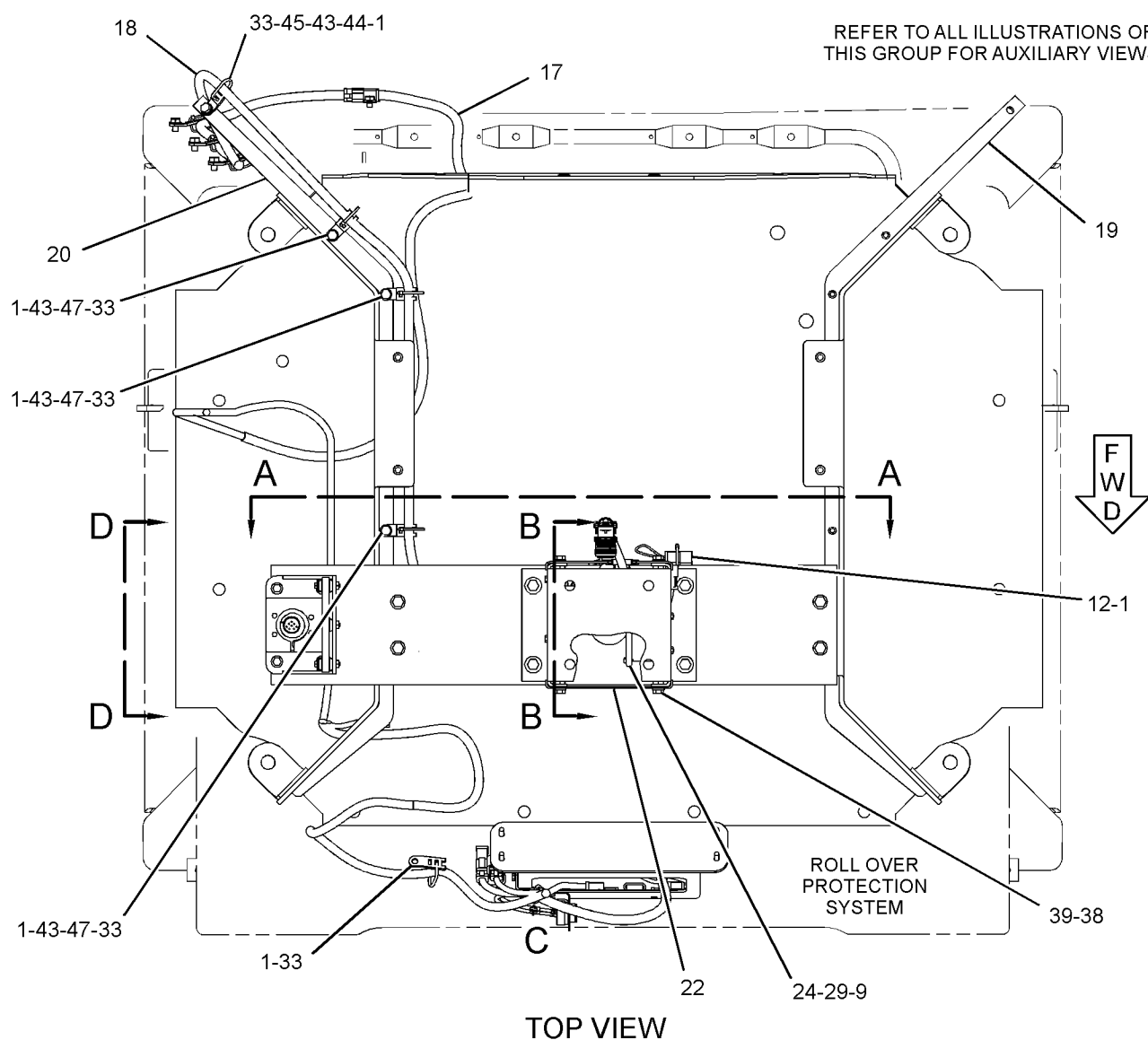
M- METRIC PART

Y- SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

262-9877 INSTALLATION AR-CAES (contd.)

i02684007



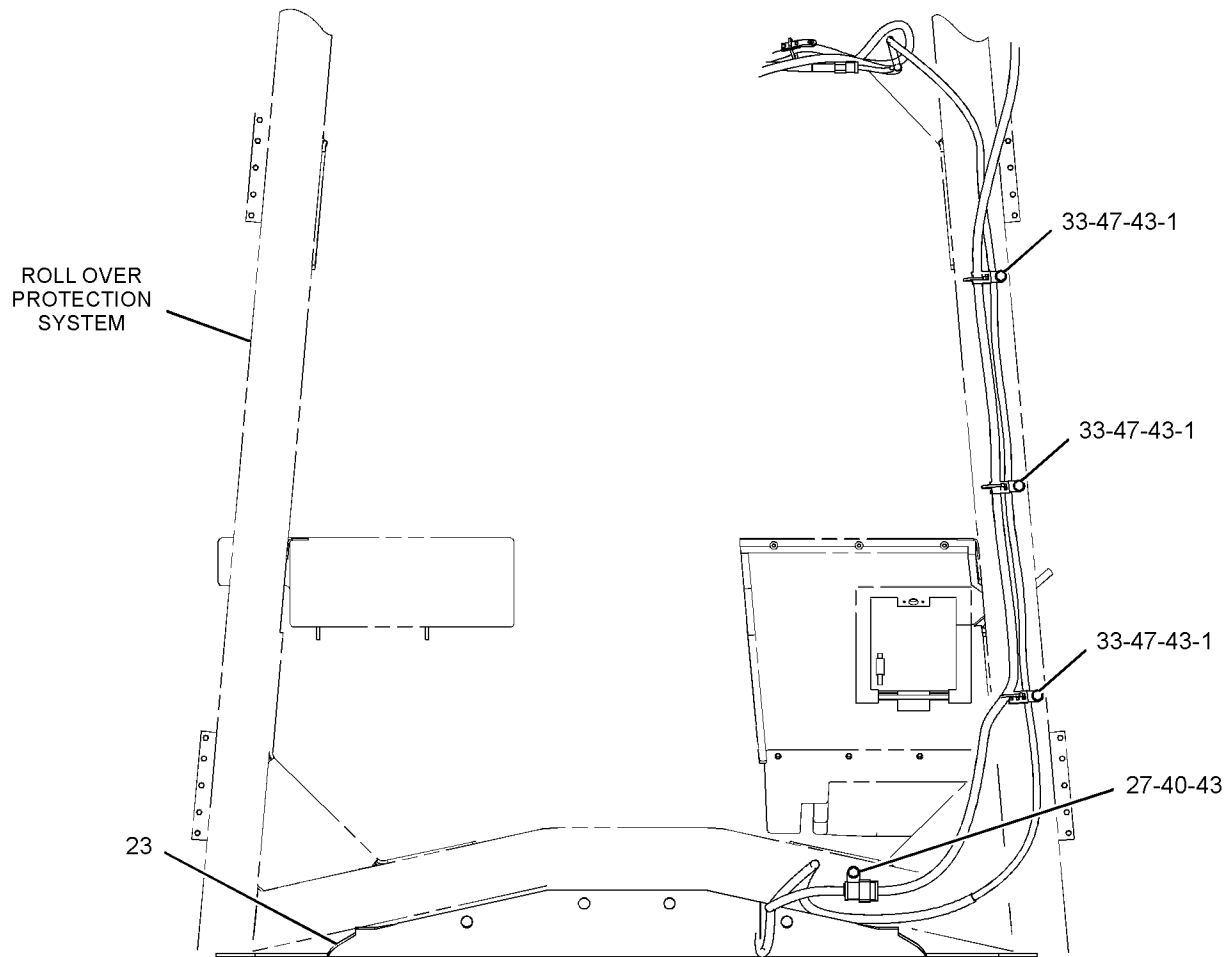
GRAPHIC #1

g01377976

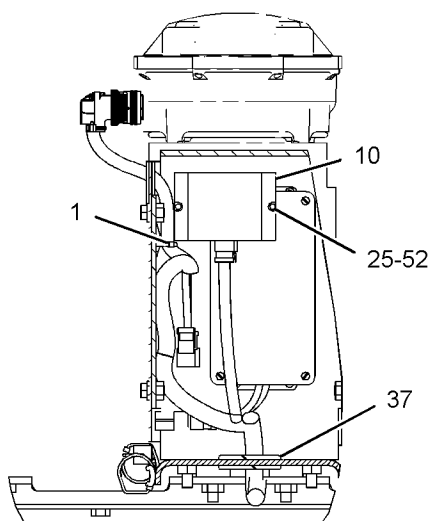
ELECTRICAL AND STARTING SYSTEM

262-9877 INSTALLATION AR-CAES (contd.)

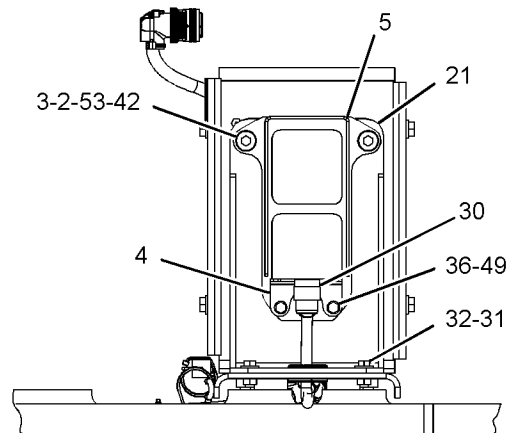
i02684007



REAR VIEW



SECTION B-B



VIEW D-D

GRAPHIC #2

<END>

g01378071

ELECTRICAL AND STARTING SYSTEM

274-5046 INSTALLATION AR-COMMUNICATION- PRODUCT LINK 300, ANSI S/N: ASX1-UP AN ATTACHMENT

SMCS-7606

i02756780

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	262-2043	1	ELECTRONICS GP-COMMUNICATION (PRODUCT LINK 300)						219
Y	269-6134	1	WIRING GP-COMMUNICATION (PRODUCT LINK 300)						353
	260-7652	1	FILM-WARNING (PRODUCT LINK 300, U.S.)						
INSIDE CAB ON LEFT FRONT METAL POST ("A POST")									
1200-MM ABOVE CAB FLOOR									

Y-SEPARATE ILLUSTRATION

<END>

274-5057 INSTALLATION AR-COMMUNICATION- PRODUCT LINK 300, ISO S/N: ASX1-UP AN ATTACHMENT

SMCS-7606

i02756781

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	262-2043	1	ELECTRONICS GP-COMMUNICATION (PRODUCT LINK 300)						219
Y	269-6134	1	WIRING GP-COMMUNICATION (PRODUCT LINK 300)						353
	260-7653	1	FILM-WARNING (PRODUCT LINK 300, INTL)						
INSIDE CAB OF LEFT FRONT METAL POST ("A POST")									
1200-MM ABOVE CAB FLOOR									

Y-SEPARATE ILLUSTRATION

<END>

285-7421 INSTALLATION AR-COMMUNICATION- PRODUCT LINK 300, ANSI S/N: ASX1-UP AN ATTACHMENT

SMCS-7606

i02756782

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	262-2043	1	ELECTRONICS GP-COMMUNICATION (PRODUCT LINK 300)						219
Y	285-7423	1	WIRING GP-COMMUNICATION (PRODUCT LINK 121SR)						357
	260-7652	1	FILM-WARNING (PRODUCT LINK 300, U.S.)						
INSIDE CAB ON LEFT FRONT METAL POST ("A POST")									
1200-MM ABOVE CAB FLOOR									

Y-SEPARATE ILLUSTRATION

<END>

ELECTRICAL AND STARTING SYSTEM

285-7422 INSTALLATION AR-COMMUNICATION- PRODUCT LINK 300, ISO S/N: ASX1-UP AN ATTACHMENT

SMCS-7606

i02756785

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	262-2043	1	ELECTRONICS GP-COMMUNICATION (PRODUCT LINK 300)						219
Y	285-7423	1	WIRING GP-COMMUNICATION (PRODUCT LINK 121SR)						357
	260-7653	1	FILM-WARNING (PRODUCT LINK 300, INTL)						
			INSIDE CAB ON LEFT FRONT METAL POST ("A POST")						
			1200-MM ABOVE CAB FLOOR						
Y-SEPARATE ILLUSTRATION									
<END>									

ELECTRICAL AND STARTING SYSTEM

273-5723 INSTALLATION GP-COMMUNICATION- PRODUCT LINK 321SR

S/N: ASX1-UP

FIELD REPLACEMENT FOR 242-7205-PAGE 212. FOR USE WITH MACHINE PRODUCT LINK READY

SMCS-7606

i02763850

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	262-1421	1	ELECTRONICS GP-COMMUNICATION (PRODUCT LINK 300)						218
M	6V-7357	4	BOLT (M6X1X25-MM)						
M	8C-8451	4	BOLT (M6X1X40-MM)						
M	9X-2546	4	BOLT (M6X1X20-MM)						
	230-1340	1	FILM-WARNING (PRODUCT LINK RADIO, U.S.)						
	230-1341	1	FILM-WARNING (PRODUCT LINK RADIO, INTL)						
	256-6804	1	HARNESS AS-CONTROL (PRODUCT LINK)						
	102-8801	1	KIT-RECEPTACLE (12-PIN)						
			(INCLUDES RECEPTACLE AS & WEDGE)						
	9X-6772	2	STRAP-CABLE						
	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
			(EACH KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
	160-7690	1	PLUG AS-CONNECTOR (70-PIN)						
	159-9322	1	SEAL-O-RING						
	256-6803	1	HARNESS AS-RADIO (PRODUCT LINK)						
	102-8802	1	KIT-RECEPTACLE (2-PIN)						
	102-8801	1	KIT-RECEPTACLE (12-PIN)						
			(EACH KIT RECEPTACLE INCLUDES RECEPTACLE AS & WEDGE)						
	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
			(EACH KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
	257-9363	1	HARNESS AS-RADIO (PRODUCT LINK)						
	102-8805	1	KIT-RECEPTACLE (6-PIN)						
			(INCLUDES RECEPTACLE AS & WEDGE)						
	9X-4813	1	RECEPTACLE AS-CONNECTOR (3-PIN)						
	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
			(INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
M	129-3178	8	LOCKNUT (M6X1-THD)						
	9X-9896	8	MOUNT (ISOLATION)						
	256-0501	2	PLATE						
	263-9088	1	RADIO GP-COMMUNICATION (PRODUCT LINK 121SR)						
	8C-5608	4	SPACER (6.5X9.5X25.4-MM THK)						
	7K-1181	15	STRAP-CABLE						
	9X-6165	8	WASHER (6.5X22X2.5-MM THK)						
	9X-8256	8	WASHER (6.6X12X2-MM THK)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

<END>

ELECTRICAL AND STARTING SYSTEM

273-5725 INSTALLATION GP-COMMUNICATION- PRODUCT LINK 300

S/N: ASX1-UP

FIELD REPLACEMENT FOR 242-7205-PAGE 212. FOR USE WITH MACHINE NOT PRODUCT LINK
READY

SMCS-7606

i02599073

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	262-1421	1	ELECTRONICS GP-COMMUNICATION (PRODUCT LINK 300)						218
M	8C-8451	4	BOLT (M6X1X40-MM)						
M	9X-2546	4	BOLT (M6X1X20-MM)						
	256-6804	1	HARNESS AS-CONTROL (PRODUCT LINK)						
	102-8801	1	KIT-RECEPTACLE (12-PIN)						
			(INCLUDES RECEPTACLE AS & WEDGE)						
	9X-6772	2	STRAP-CABLE						
	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
			(EACH KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
	160-7690	1	PLUG AS-CONNECTOR (70-PIN)						
	159-9322	1	SEAL-O-RING						
M	129-3178	4	LOCKNUT (M6X1-THD)						
	9X-9896	8	MOUNT (ISOLATION)						
	256-0501	2	PLATE						
	8C-5608	4	SPACER (6.5X9.5X25.4-MM THK)						
	7K-1181	5	STRAP-CABLE						
	9X-6165	8	WASHER (6.5X22X2.5-MM THK)						
M-METRIC PART									
Y-SEPARATE ILLUSTRATION									

<END>

ELECTRICAL AND STARTING SYSTEM

3E - 6389 LAMP GP - DOME

S/N: ASX1-UP

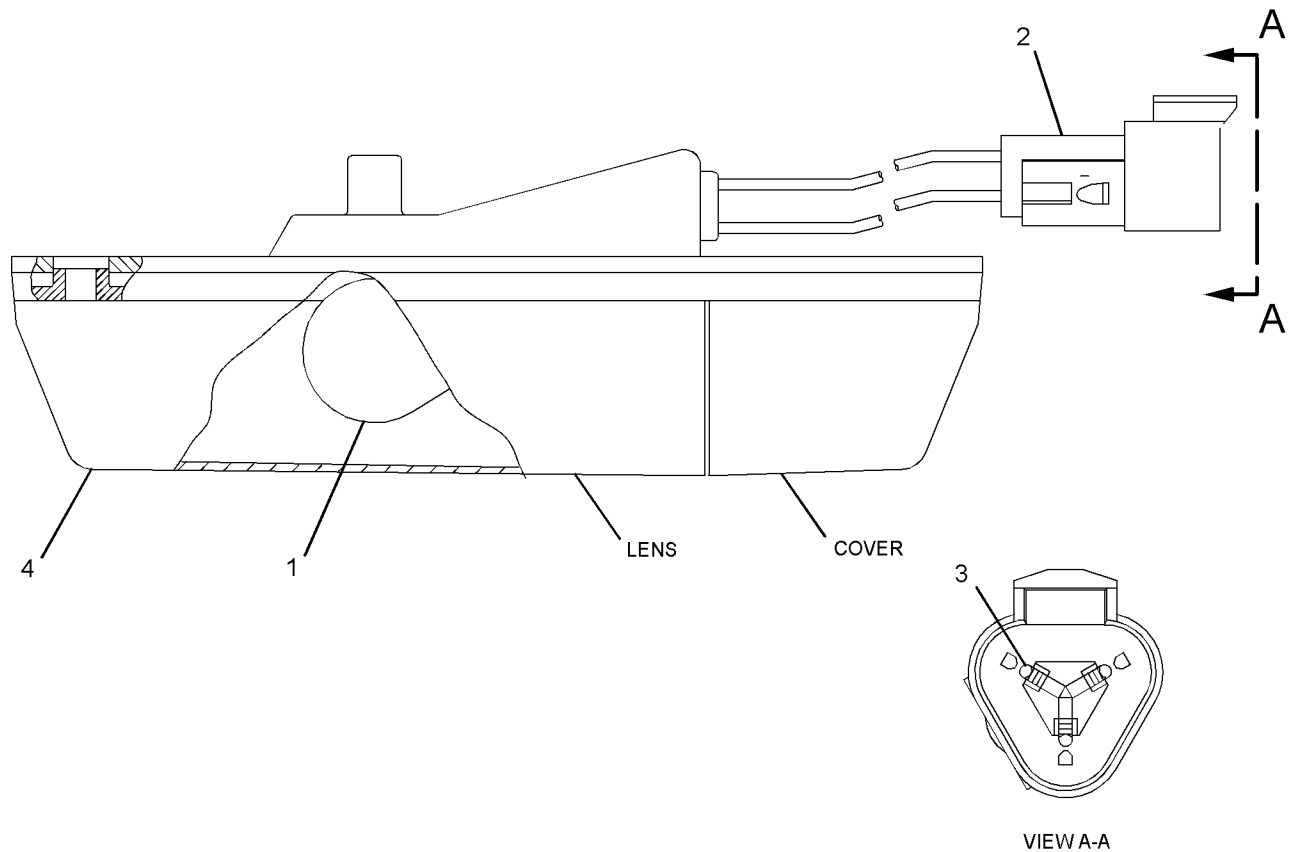
24-VOLT

PART OF 235-1051 WIRING GP - CAB

SMCS-1433

i02656852

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



GRAPHIC #1

<END>

g01270113

ELECTRICAL AND STARTING SYSTEM

147-0319 LAMP GP - FLOOD

S/N: ASX1-UP

24-VOLT, 65-WATT

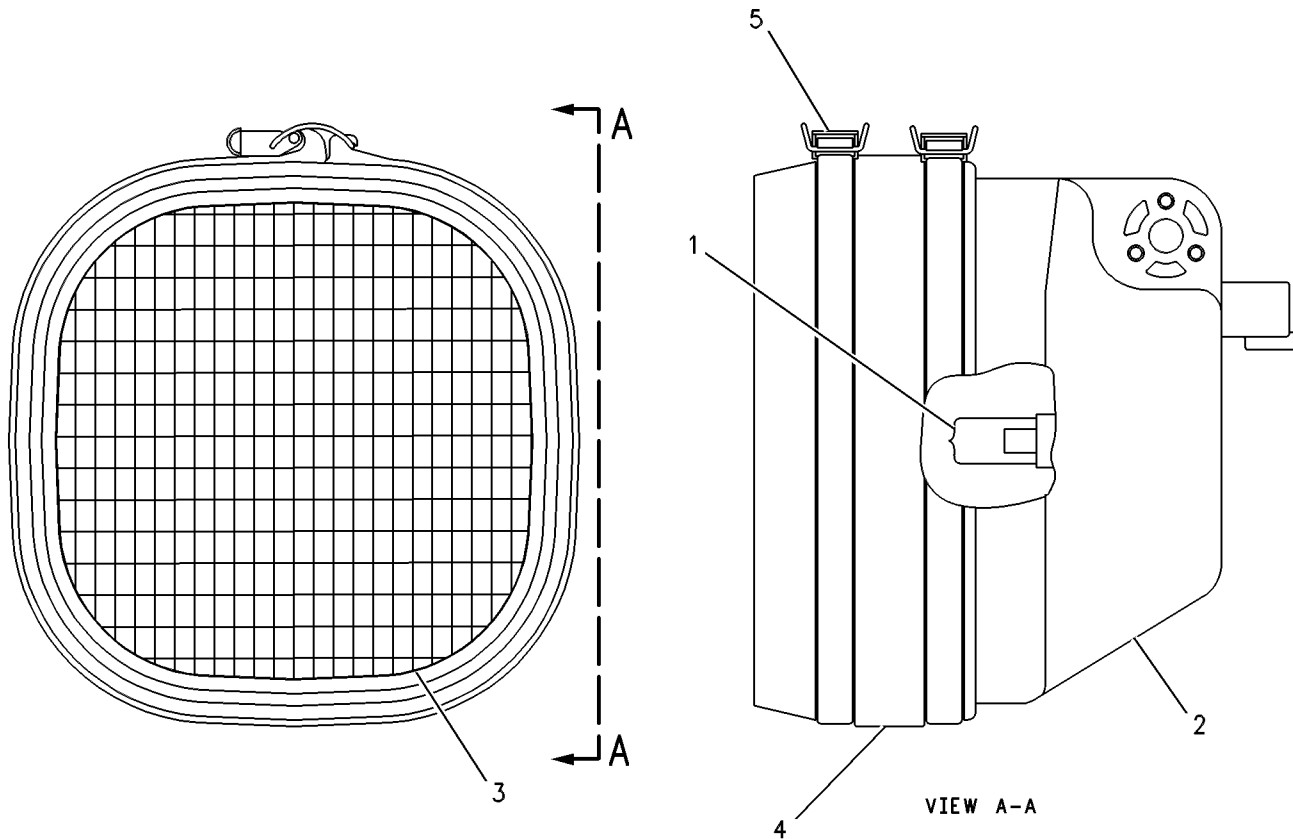
PART OF 202-8514, 234-9746 LIGHTING GP-FLOOD

ALSO AN ATTACHMENT

SMCS-1434

i02473923

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-3463	1	LAMP-HALOGEN (24-VOLT, 65-WATT)						
	2	1	158-0250	1	BODY AS-LAMP						
	3	1	158-0248	1	LENS AS (FLOODLIGHT)						
	4	1	158-0252	1	BEZEL						
	5	1	188-8849	2	CLAMP						



GRAPHIC #1

<END>

g00458549

ELECTRICAL AND STARTING SYSTEM

153-2073 LAMP GP - FLOOD

S/N: ASX1-UP

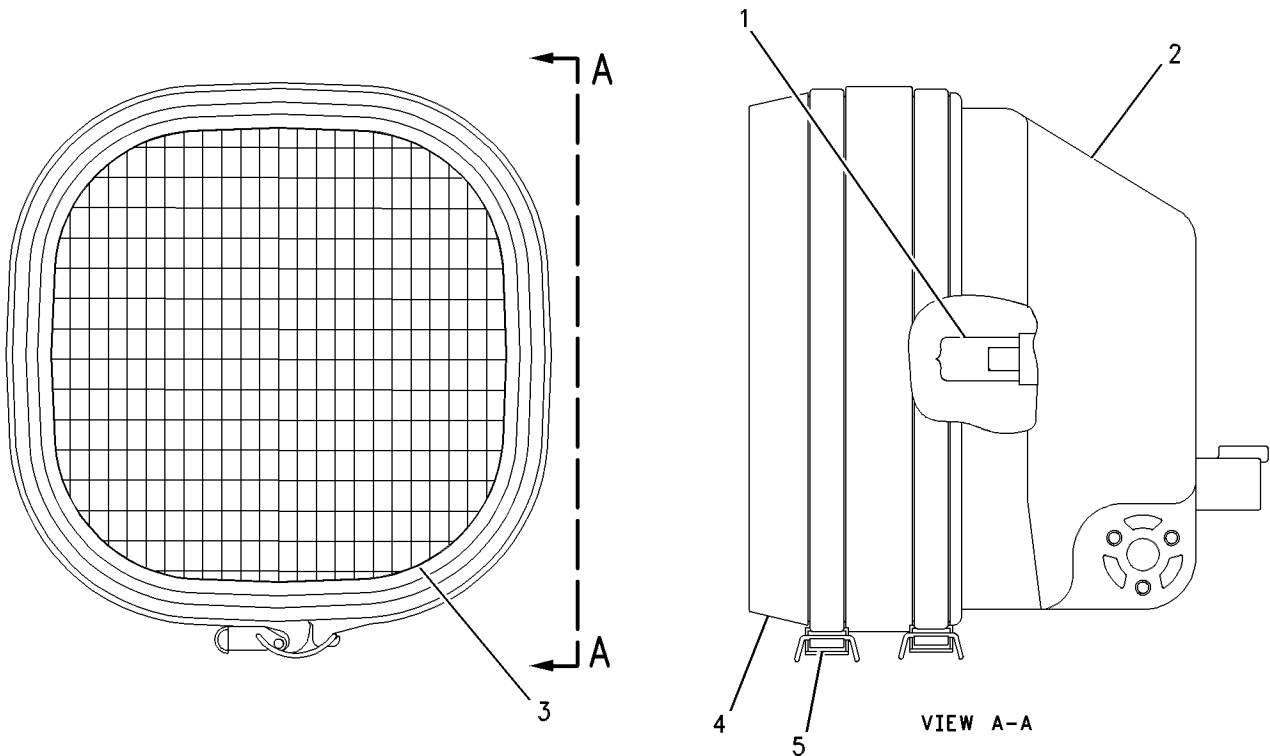
24-VOLT, 65-WATT

PART OF 183-1901, 183-3463 LIGHTING GP-FLOOD

SMCS-1434

i02430826

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-3463	1	LAMP-HALOGEN (24-VOLT, 65-WATT)						
	2	1	158-0250	1	BODY AS-LAMP						
	3	1	158-0248	1	LENS AS (FLOODLIGHT)						
	4	1	158-0252	1	BEZEL						
	5	1	188-8849	2	CLAMP						



GRAPHIC #1

<END>

g00449633

ELECTRICAL AND STARTING SYSTEM

135-0426 LAMP GP-SIGNAL-STOP, TAIL

S/N: ASX1-UP

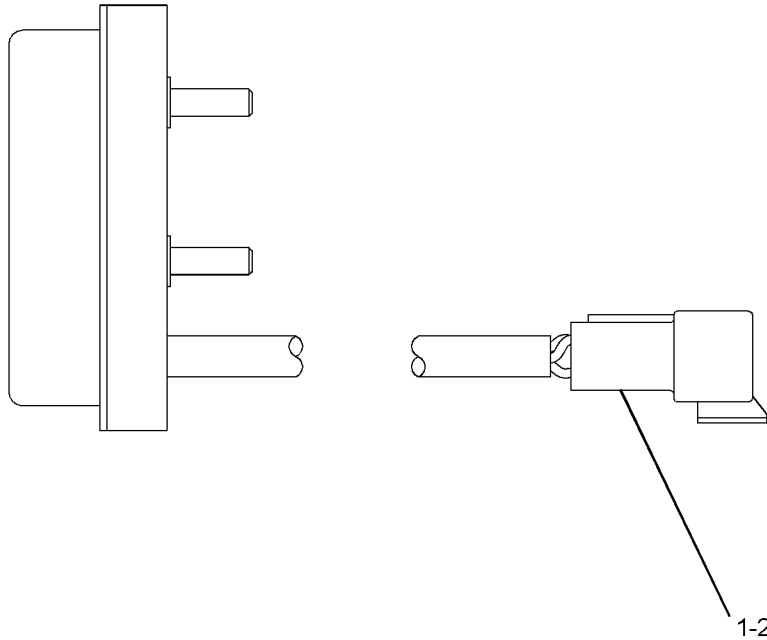
24-VOLT

PART OF 8R-5645 LIGHTING GP-STOP

SMCS-1430

i02427577

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



GRAPHIC #1

<END>

g01213248

ELECTRICAL AND STARTING SYSTEM

199-3368 LAMP GP-SIGNAL-TURN

S/N: ASX1-UP

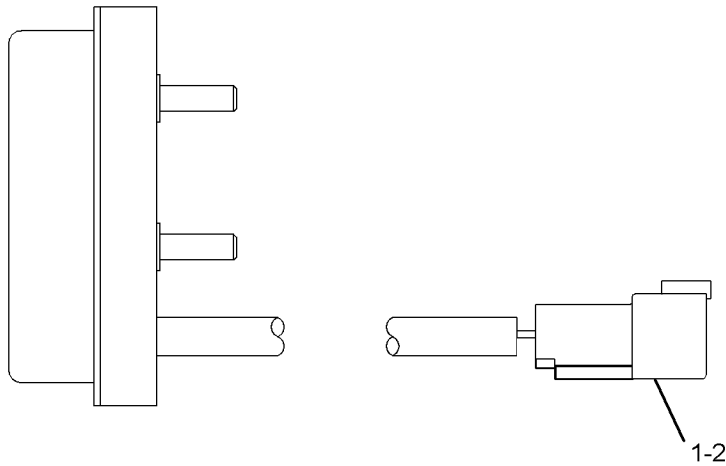
24-VOLT

PART OF 183-2030 LIGHTING GP-SIGNAL
AN ATTACHMENT

SMCS-1430

i02435050

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



GRAPHIC #1

<END>

g01217868

ELECTRICAL AND STARTING SYSTEM

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

S/N: ASX1-UP

24-VOLT

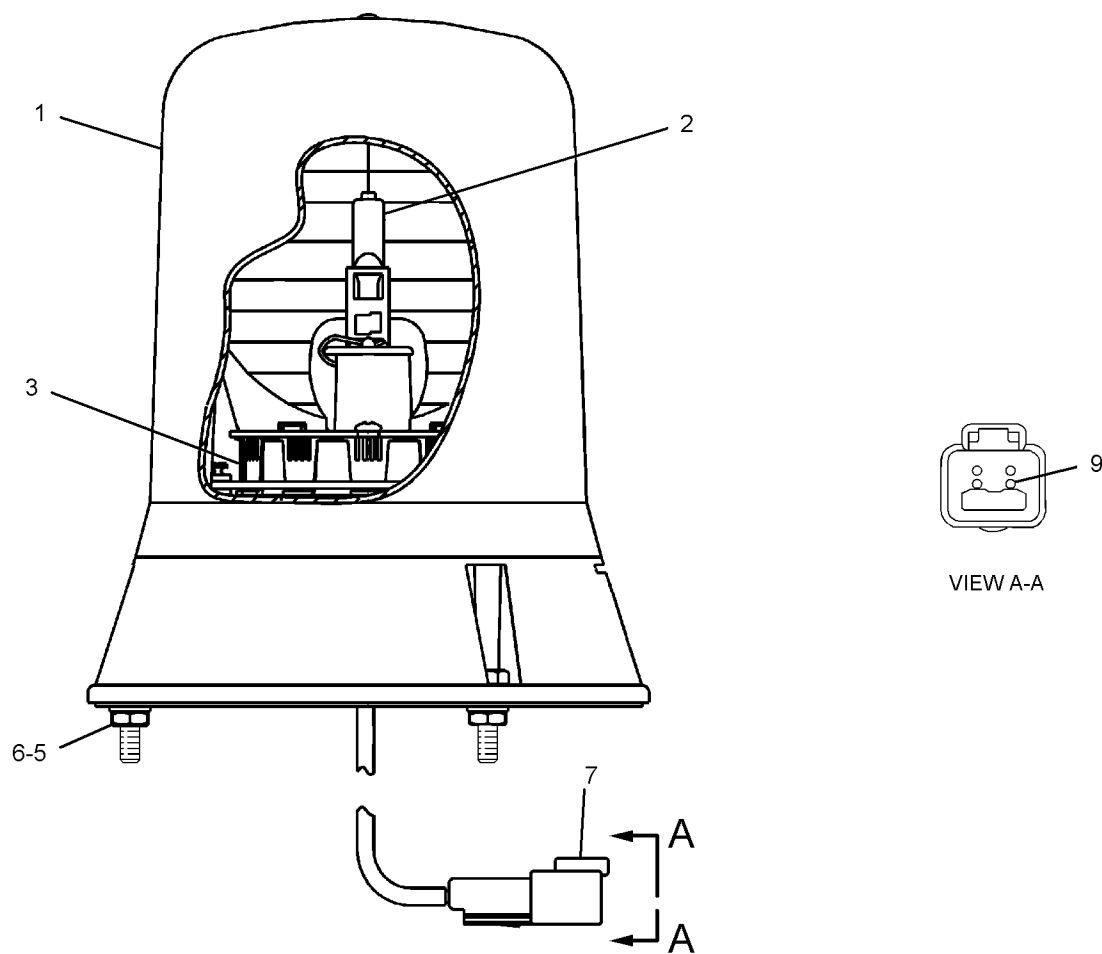
PART OF 129-4063, 231-9411 LIGHTING GP-WARNING BEACON

AN ATTACHMENT

SMCS-1431

i02761709

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



GRAPHIC #1

<END>

g01199570

ELECTRICAL AND STARTING SYSTEM

190-3626 LIGHTING AR-FLOOD & SIGNAL

S/N: ASX1-UP
AN ATTACHMENT

SMCS-1430, 1434

i02758350

NOTE	PART NUMBER	QTY	PART NAME	SEE PAGE
			1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	183-2030	1	LIGHTING GP-SIGNAL (FRONT, REAR)	248
Y	201-0609	1	SWITCH GP-SIGNAL	302
Y-SEPARATE ILLUSTRATION				
<END>				

ELECTRICAL AND STARTING SYSTEM

183-1901 LIGHTING GP-FLOOD-4-LAMP, FRONT

S/N: ASX1-UP

PART OF 226-9616, 285-7324 ELECTRICAL AR

SMCS-1434

i02758349

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3S-2093	4	STRAP-CABLE	
	2	1	119-9004	2	BRACKET AS	
	3	1	119-9005	2	HOUSING AS	
					(EACH INCLUDES)	
		1	5D-9629	1	ROD	
	4	1	140-1088	4	BRACKET AS	
					(EACH INCLUDES)	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
Y	5	1	153-2073	4	LAMP GP-FLOOD (24-VOLT, 65-WATT)	237
	6	1	183-3212	2	HARNESS AS-LIGHTING (FRONT)	
					(EACH INCLUDES)	
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)	
					(INCLUDES RECEPTACLE AS AND WEDGE)	
		1	8T-8737	2	PLUG-SEAL	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)	
					(INCLUDES PLUG AS AND WEDGE)	
	7	1	4D-7794	4	CLIP	
M	8	1	5C-7261	4	NUT (M8X1.25-THD)	
	9	1	6P-4467	2	GROMMET	
	10	1	6V-2383	2	CLIP	
	11	1	8T-4121	12	WASHER-HARD (11X21X2.5-MM THK)	
M	12	1	8T-4137	12	BOLT (M10X1.5X20-MM)	
M	13	1	8T-4179	2	BOLT (M12X1.75X20-MM)	
M	14	1	8T-4183	8	BOLT (M12X1.75X40-MM)	
	15	1	8T-4223	10	WASHER-HARD (13.5X25.5X3-MM THK)	
	16	1	8T-4224	8	WASHER-HARD (8.8X16X2-MM THK)	
M	17	1	8T-6869	4	BOLT (M8X1.25X60-MM)	

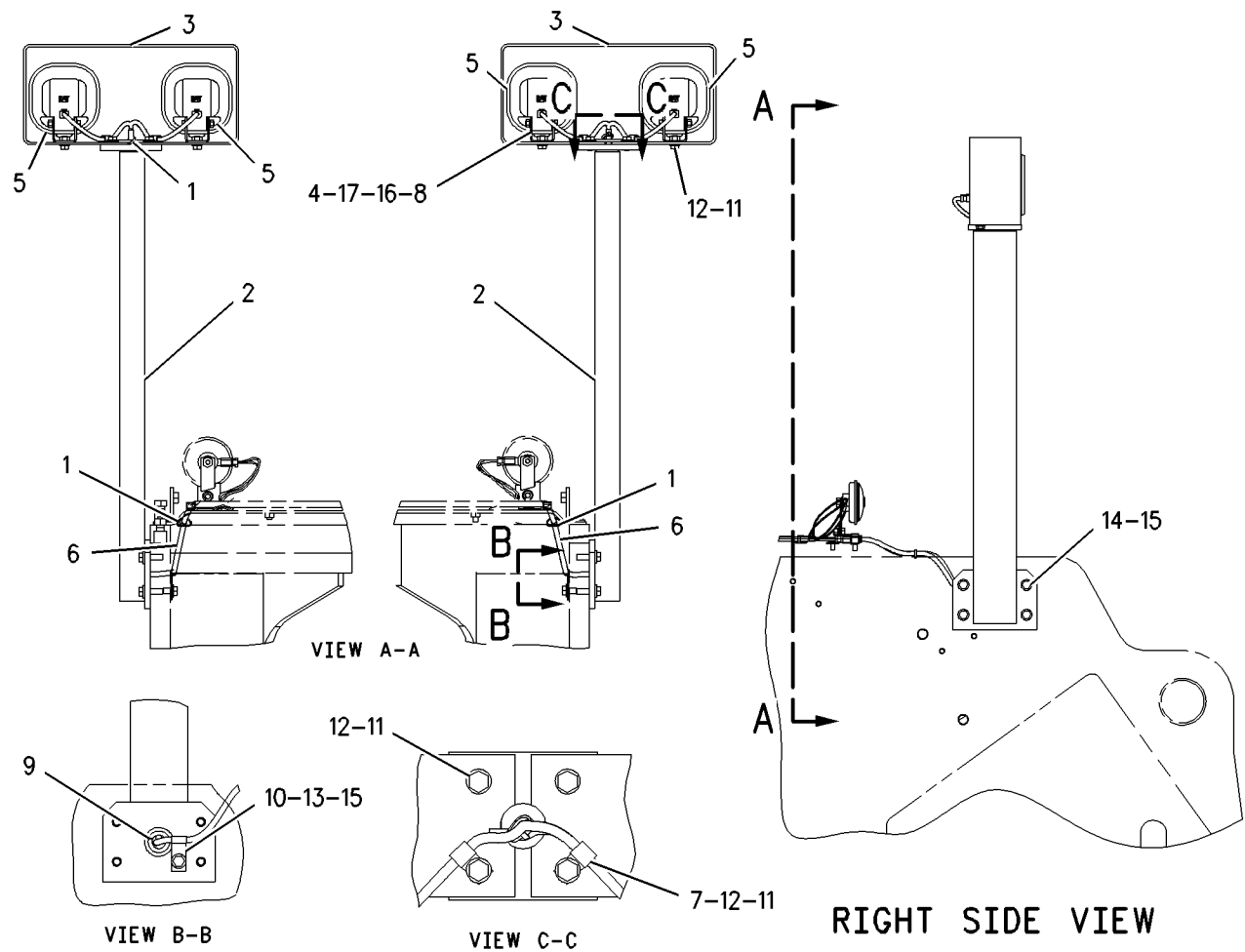
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

183 - 1901 LIGHTING GP - FLOOD (contd.)

i02758349



GRAPHIC #1

<END>

g00871121

ELECTRICAL AND STARTING SYSTEM

183-3463 LIGHTING GP-FLOOD-RADIATOR GUARD

S/N: ASX1-UP

PART OF 226-9616, 285-7324 ELECTRICAL AR

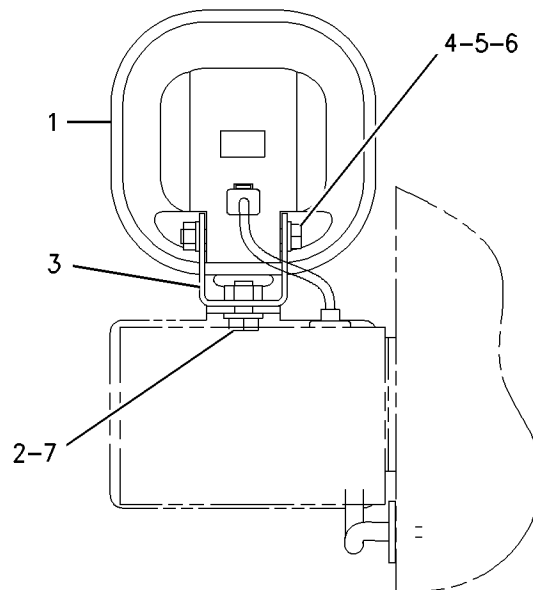
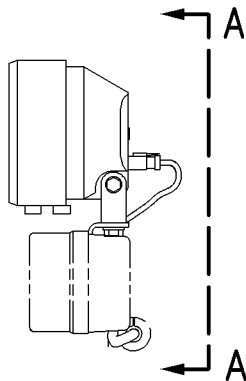
SMCS-1434

i02758357

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	153-2073	2	LAMP GP-FLOOD (24-VOLT, 65-WATT)	237
	2	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)	
	3	1	140-1088	2	BRACKET AS	
					(EACH INCLUDES)	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
M	4	1	8T-6869	2	BOLT (M8X1.25X60-MM)	
	5	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)	
M	6	1	5C-7261	2	NUT (M8X1.25-THD)	
M	7	1	8T-4137	2	BOLT (M10X1.5X20-MM)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00761216

ELECTRICAL AND STARTING SYSTEM

202-8514 LIGHTING GP-FLOOD-CAB

S/N: ASX1-299

AN ATTACHMENT

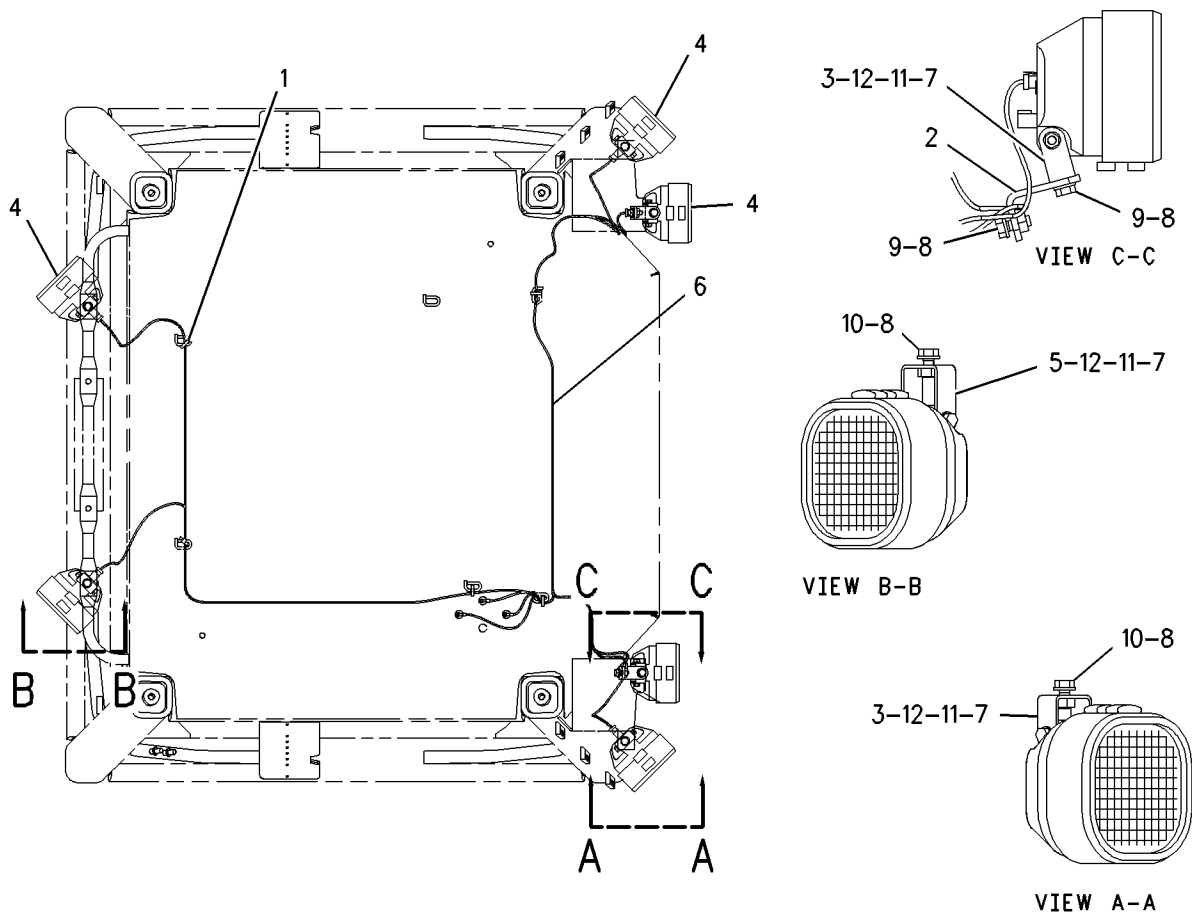
SMCS-1434

i02279269

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	3S-2093	5	STRAP-CABLE	
	2	1	201-8318	2	BRACKET AS	
	3	1	140-1088	4	BRACKET AS	
					(EACH INCLUDES)	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
Y	4	1	147-0319	6	LAMP GP-FLOOD (24-VOLT, 65-WATT)	236
	5	1	193-5572	2	BRACKET AS	
	6	1	195-5281	1	HARNESS AS-LIGHTING (CAB FLOODLIGHT)	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)	
					(INCLUDES PLUG AS AND WEDGE)	
M	7	1	5C-7261	6	NUT (M8X1.25-THD)	
	8	1	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)	
M	9	1	8T-4136	4	BOLT (M10X1.5X25-MM)	
M	10	1	8T-4137	4	BOLT (M10X1.5X20-MM)	
	11	1	8T-4224	12	WASHER-HARD (8.8X16X2-MM THK)	
M	12	1	8T-6869	6	BOLT (M8X1.25X60-MM)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00765376

ELECTRICAL AND STARTING SYSTEM

202-8514 LIGHTING GP-FLOOD-CAB

S/N: ASX300-UP

AN ATTACHMENT

SMCS-1434

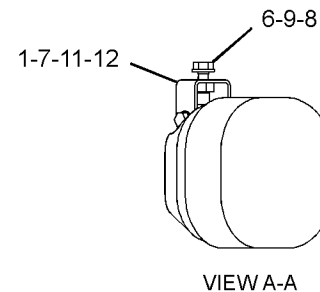
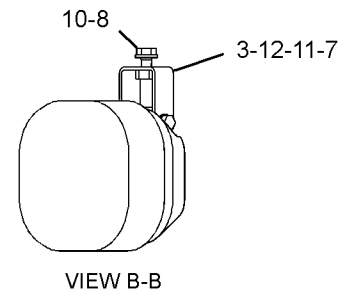
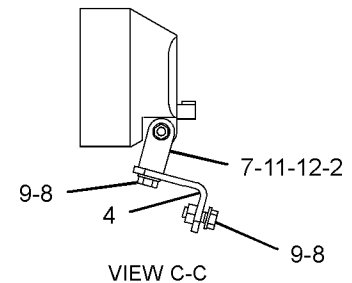
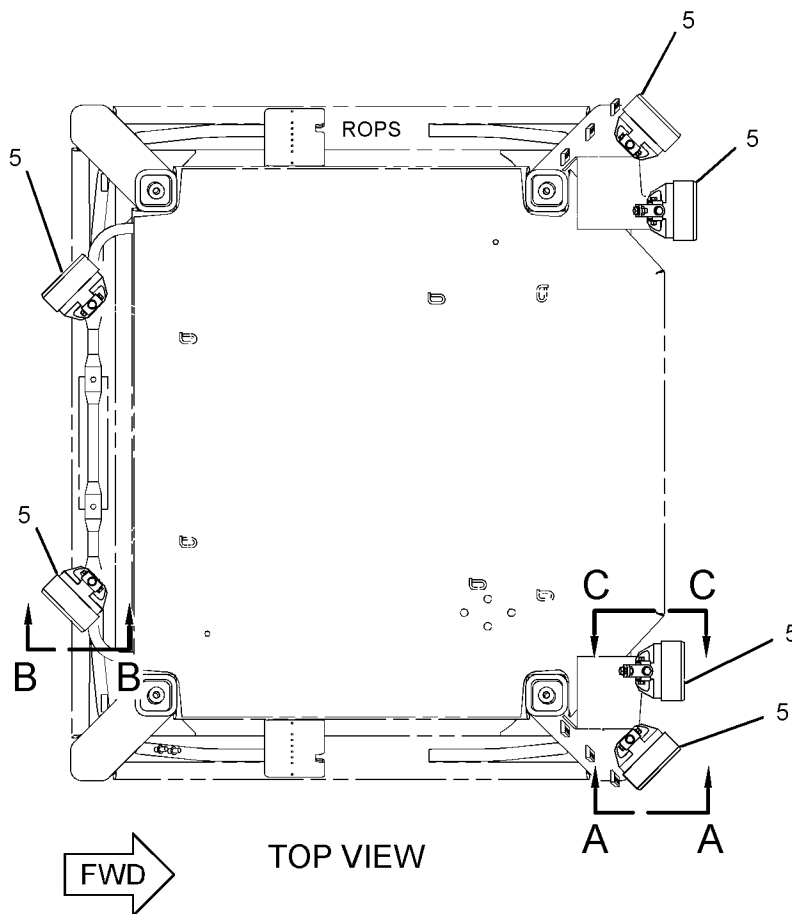
i02683999

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
C	1	1	115-0617	2	BRACKET	
C	2	1	140-1088	2	BRACKET AS	
					(EACH INCLUDES)	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	3	1	193-5572	2	BRACKET AS	
	4	1	201-8318	2	BRACKET AS	
Y	5	1	147-0319	6	LAMP GP-FLOOD (24-VOLT, 65-WATT)	236
CM	6	1	160-8503	2	NUT (M10X1.15-THD)	
M	7	1	5C-7261	6	NUT (M8X1.25-THD)	
C	8	1	8T-4121	10	WASHER-HARD (11X21X2.5-MM THK)	
CM	9	1	8T-4136	6	BOLT (M10X1.5X25-MM)	
CM	10	1	8T-4137	2	BOLT (M10X1.5X20-MM)	
	11	1	8T-4224	12	WASHER-HARD (8.8X16X2-MM THK)	
M	12	1	8T-6869	6	BOLT (M8X1.25X60-MM)	

C- CHANGE FROM PREVIOUS TYPE

M- METRIC PART

Y- SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01377061

ELECTRICAL AND STARTING SYSTEM

234-9746 LIGHTING GP-FLOOD-CAB FRONT

S/N: ASX1-UP

PART OF 229-5015, 292-6101 CAB AR

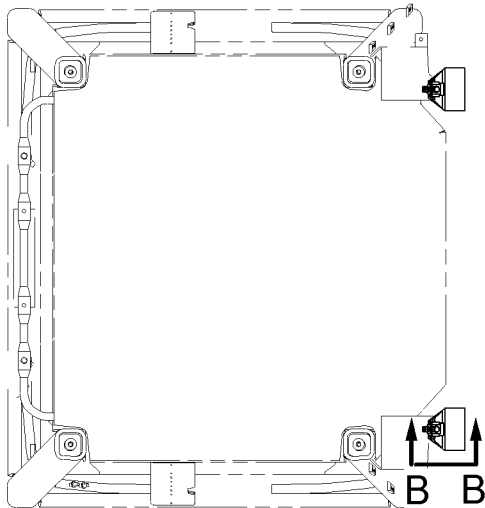
SMCS-1434

i02758358

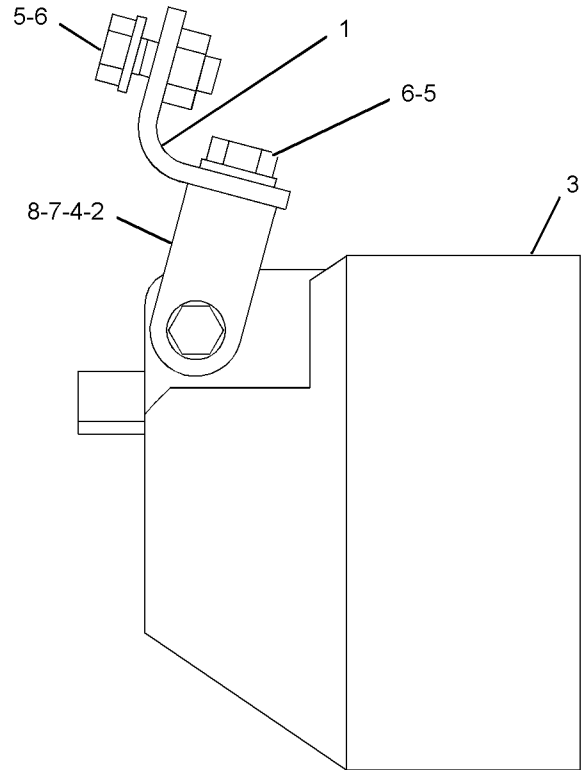
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	4I-7596	2	SUPPORT AS (EACH INCLUDES)	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	2	1	140-1088	2	BRACKET AS (EACH INCLUDES)	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
Y	3	1	147-0319	2	LAMP GP-FLOOD (24-VOLT, 65-WATT)	236
M	4	1	5C-7261	2	NUT (M8X1.25-THD)	
	5	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)	
M	6	1	8T-4136	4	BOLT (M10X1.5X25-MM)	
	7	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)	
M	8	1	8T-6869	2	BOLT (M8X1.25X60-MM)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



TOP VIEW



VIEW B-B

GRAPHIC #1

<END>

g01031790

ELECTRICAL AND STARTING SYSTEM

183-2030 LIGHTING GP-SIGNAL-FRONT, REAR

S/N: ASX1-UP

PART OF 190-3626 LIGHTING AR-FLOOD & SIGNAL
AN ATTACHMENT

SMCS-1430

i02758356

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	4E-7498	1	COVER (RH)	
	2	1	4E-7499	1	COVER (LH)	
	3	1	5C-8964	1	LAMP GP (RH)	
	4	1	5C-9029	1	LAMP GP (LH)	
	5	1	9U-0561	1	BRACKET (RH)	
	6	1	9U-2277	2	CLIP AS	
	7	1	9X-4493	2	LAMP (24-VOLT, 21-WATT)	
	8	1	144-3971	2	HOUSING AS	
	9	1	183-3214	1	HARNESS AS-LIGHTING (TURN SIGNAL, RH)	
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)	
					(INCLUDES RECEPTACLE AS AND WEDGE)	
		1	8T-8737	1	PLUG-SEAL	
		1	9W-0844	2	SOCKET-CONNECTOR (14-GA)	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)	
					(INCLUDES PLUG AS AND WEDGE)	
	10	1	183-3215	1	HARNESS AS-LIGHTING (TURN SIGNAL, LH)	
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)	
					(INCLUDES RECEPTACLE AS AND WEDGE)	
		1	8T-8737	1	PLUG-SEAL	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)	
					(INCLUDES PLUG AS AND WEDGE)	
Y	11	1	199-3368	2	LAMP GP-SIGNAL (24-VOLT, TURN)	239
	12	1	2V-3216	2	CLIP	
	13	1	4D-7794	2	CLIP	
M	14	1	5C-2874	4	NUT (M5X0.8-THD)	
M	15	1	5C-2890	6	NUT (M6X1-THD)	
	16	1	7X-0620	4	WASHER-HARD (5.5X13X1.6-MM THK)	
M	17	1	8T-4127	4	SCREW-MACHINE (M5X0.8X20-MM)	
M	18	1	8T-4136	8	BOLT (M10X1.5X25-MM)	
	19	1	9U-0560	1	BRACKET (LH)	
	20	1	9X-8256	6	WASHER (6.6X12X2-MM THK)	

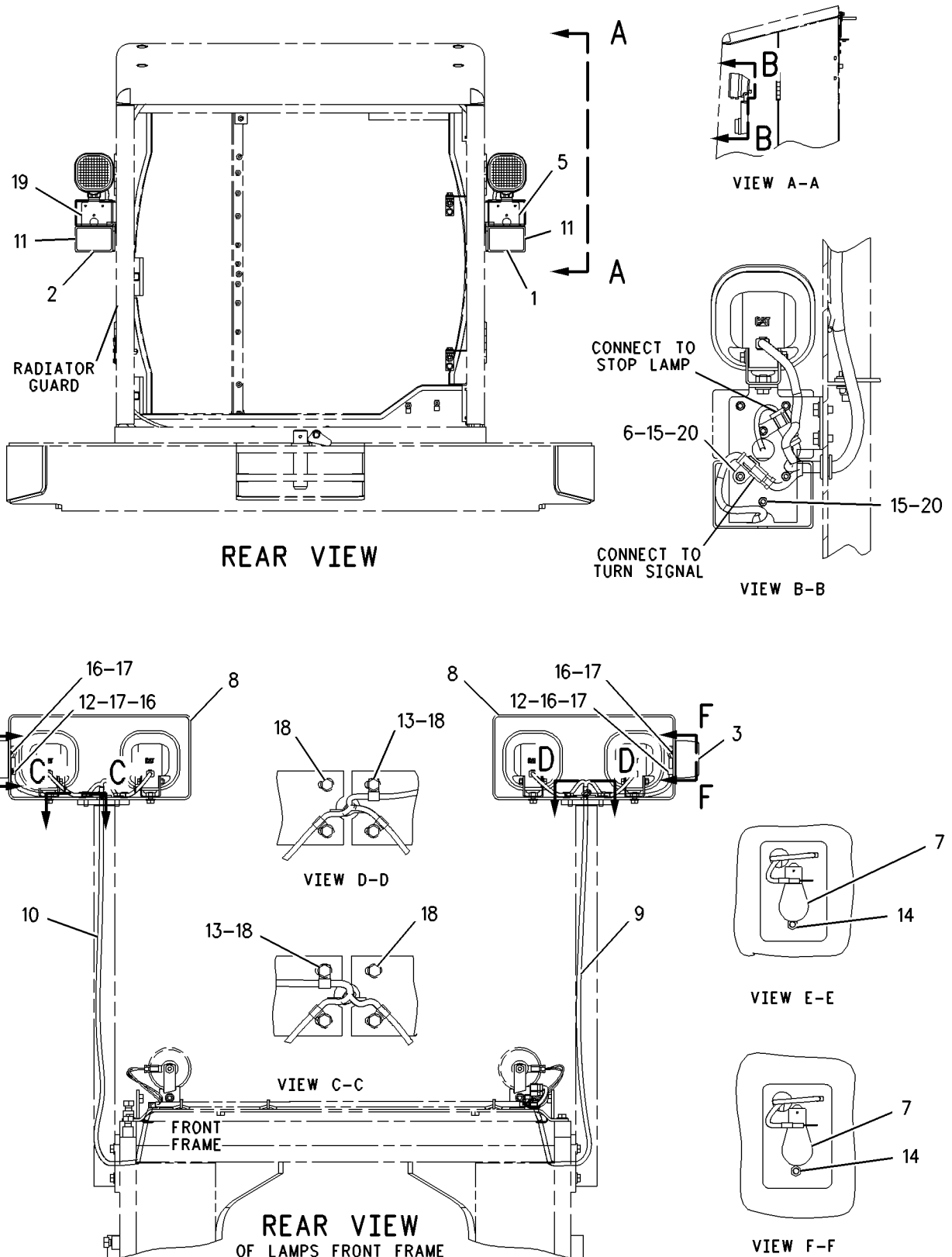
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

183-2030 LIGHTING GP-SIGNAL (contd.)

i02758356



GRAPHIC #1

<END>

g00758270

ELECTRICAL AND STARTING SYSTEM

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

S/N: ASX1-UP

PART OF 226-9616, 285-7324 ELECTRICAL AR

SMCS-1432

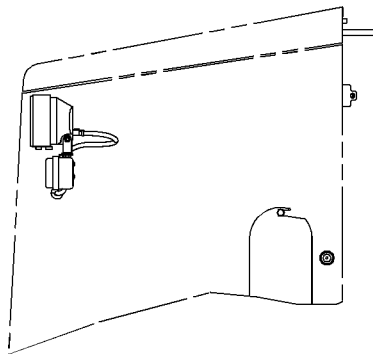
i02279271

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	4E-8975	1	BRACKET	
	2	1	4E-8976	1	BRACKET	
	3	1	4E-9924	1	COVER	
	4	1	4E-9925	1	COVER	
Y	5	1	135-0426	2	LAMP GP-SIGNAL (24-VOLT, STOP, TAIL)	238
C	6	1	230-8152	4	SPACER	
C	7	1	230-9715	2	CLIP AS	
CM	8	1	5C-2890	2	NUT (M6X1-THD)	
	9	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)	
M	10	1	8T-4195	4	BOLT (M10X1.5X30-MM)	
C	11	1	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)	
M	12	1	8T-6411	4	SCREW-MACHINE (M6X1X12-MM)	

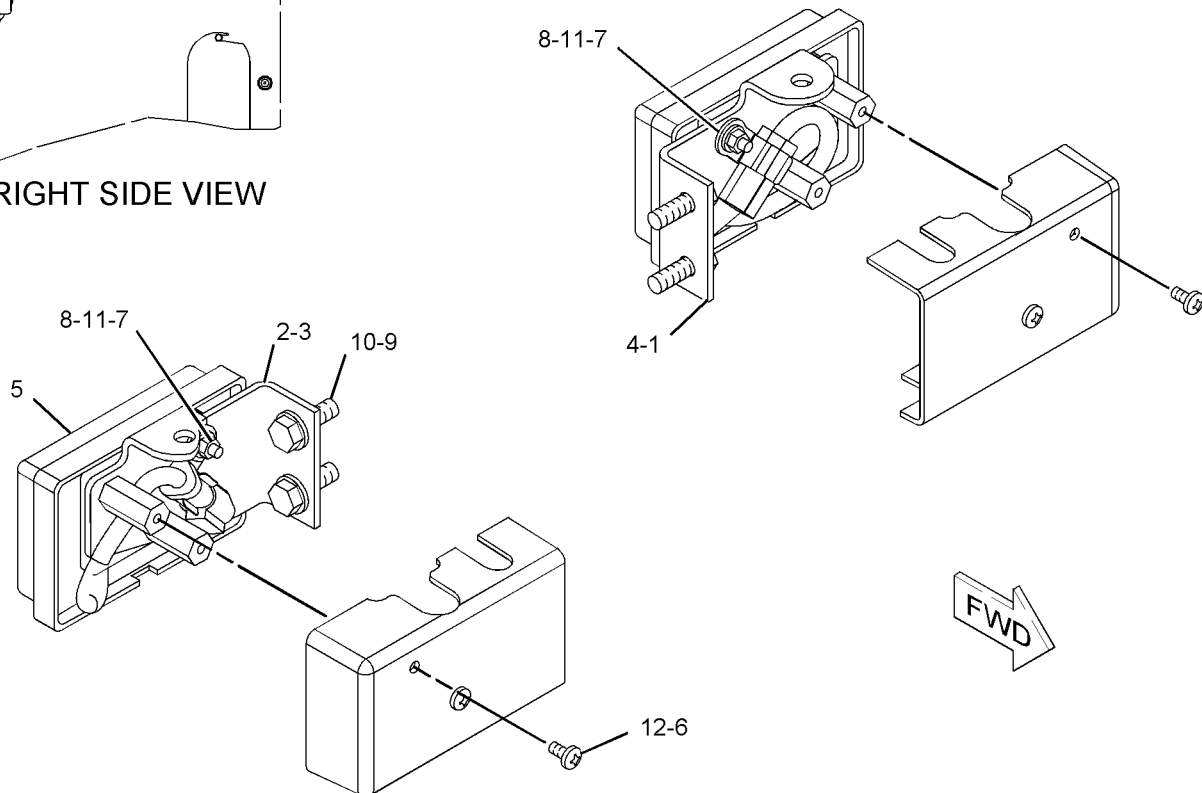
C- CHANGE FROM PREVIOUS TYPE

M- METRIC PART

Y- SEPARATE ILLUSTRATION



RIGHT SIDE VIEW



GRAPHIC #1

<END>

g01024643

ELECTRICAL AND STARTING SYSTEM

129-4063 LIGHTING GP-WARNING BEACON

S/N: ASX1-UP
DEALER INSTALLATION ONLY
AN ATTACHMENT

SMCS-1431

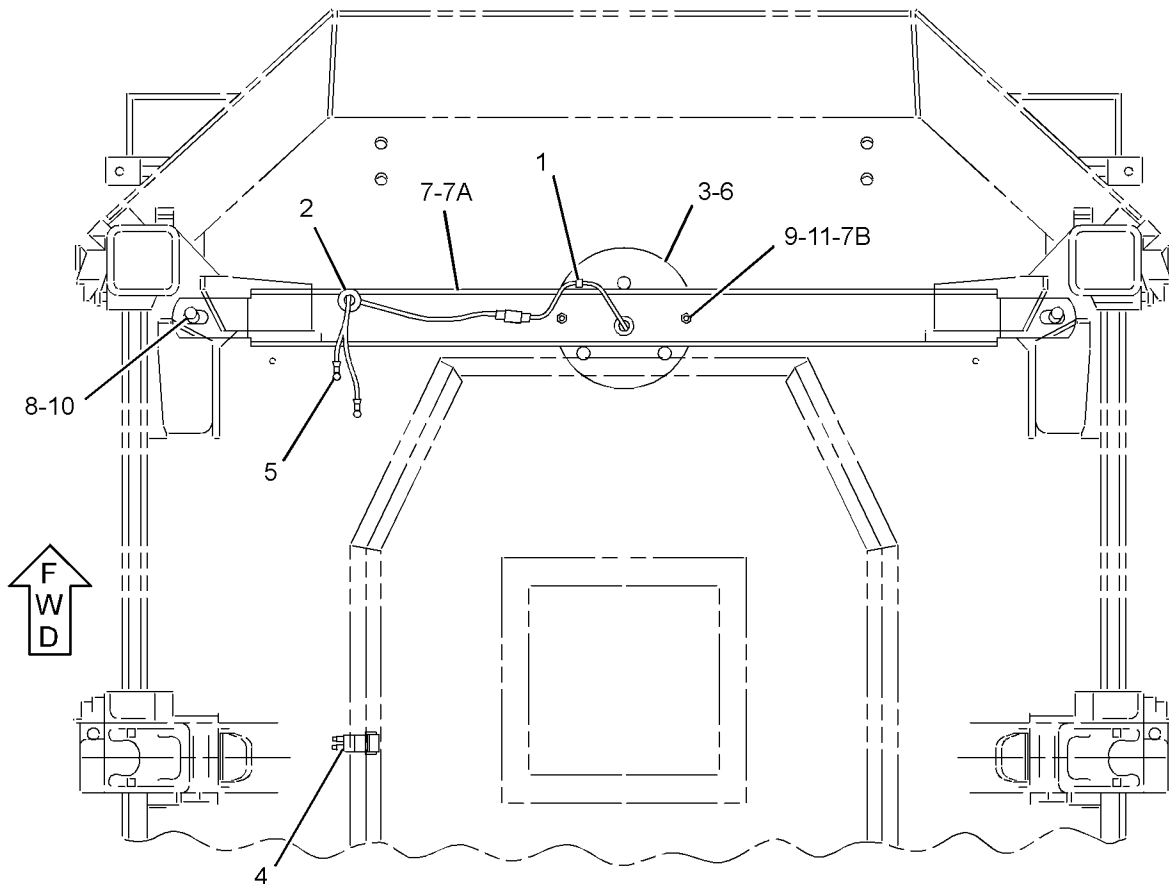
i02659841

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3S-2093	1	STRAP-CABLE	
	2	1	7G-7053	1	GROMMET	
	3	1	8R-4001	1	PLATE	
C	4	1	219-9522	1	SWITCH AS-ROCKER (WARNING BEACON)	
	5	1	119-8984	1	HARNESS AS-LIGHTING	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN) (INCLUDES PLUG AS AND WEDGE)	
Y	6	1	235-3937	1	LAMP GP-WARNING BEACON (24-VOLT)	240
	7	1	297-4902	1	CHANNEL AS	
	7A	1	5D-9629	1	ROD	
M	7B	1	6V-9632	2	NUT-WELD (M6X1-THD)	
	8	1	8T-4122	2	WASHER-HARD (17X32X3.5-MM THK)	
M	9	1	8T-4138	2	BOLT (M6X1X20-MM)	
M	10	1	8T-4140	2	BOLT (M16X2X60-MM)	
	11	1	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)	

C- CHANGE FROM PREVIOUS TYPE

M- METRIC PART

Y- SEPARATE ILLUSTRATION



BOTTOM VIEW OF CAB

GRAPHIC #1

<END>

g01348236

ELECTRICAL AND STARTING SYSTEM

231-9411 LIGHTING GP-WARNING BEACON

S/N: ASX245-UP
AN ATTACHMENT

SMCS-1431

i02661691

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	1	STRAP-CABLE						
	2	1	7G-7053	1	GROMMET						
	3	1	8R-4001	1	PLATE						
	4	1	219-9522	1	SWITCH AS-ROCKER (WARNING LAMP)						
	5	1	119-8984	1	HARNESS AS-LIGHTING						
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
					(INCLUDES PLUG AS AND WEDGE)						
Y	6	1	235-3937	1	LAMP GP-WARNING BEACON (24-VOLT)						240
	7	1	297-4902	1	CHANNEL AS						
		1	5D-9629	1	ROD						
M		1	6V-9632	2	NUT-WELD (M6X1-THD)						
	8	1	8T-4122	2	WASHER-HARD (17X32X3.5-MM THK)						
M	9	1	8T-4138	2	BOLT (M6X1X20-MM)						
M	10	1	8T-4140	2	BOLT (M16X2X60-MM)						
	11	1	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)						

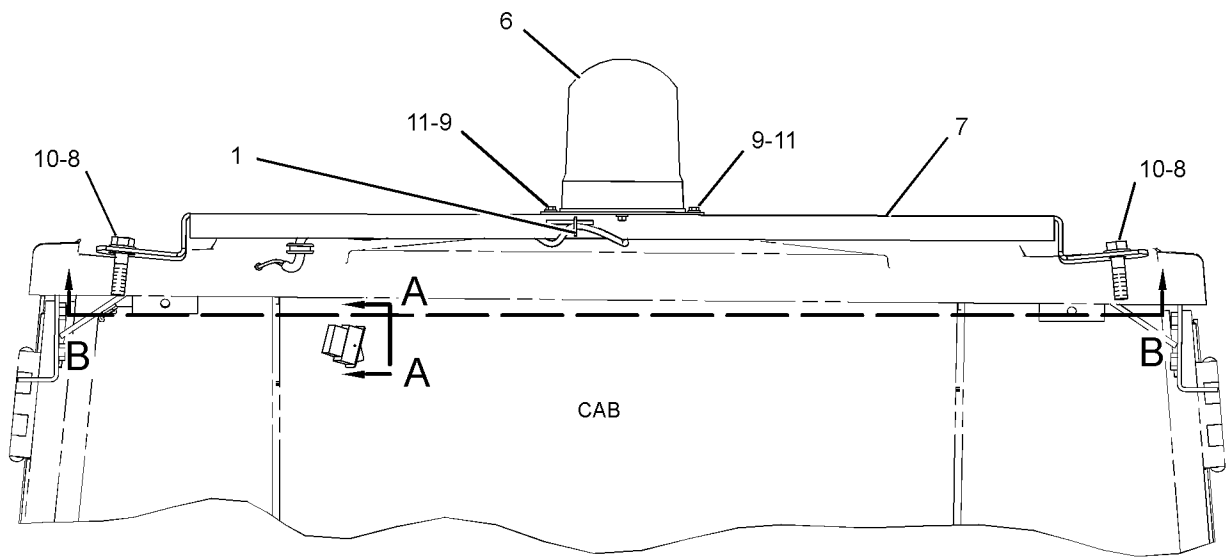
M-METRIC PART

Y-SEPARATE ILLUSTRATION

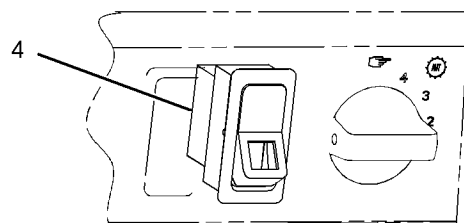
ELECTRICAL AND STARTING SYSTEM

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

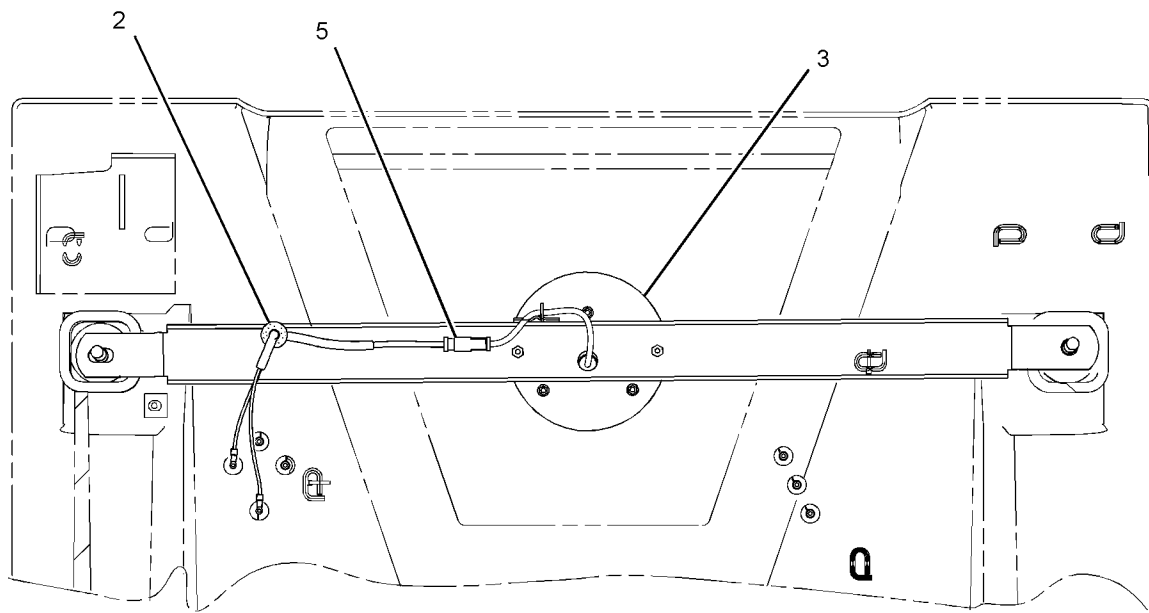
i02661691



FRONT VIEW



VIEW A-A



VIEW B-B

GRAPHIC #1

<END>

g01345462

ELECTRICAL AND STARTING SYSTEM

197-7415 MOUNTING GP-SENSOR-ATMOSPHERIC AIR, ENGINE OIL

S/N: LHX1-7917

CUSTOMER OIL SUPPLY CONNECTION LOCATION WITH NO.4 PORT THREADS

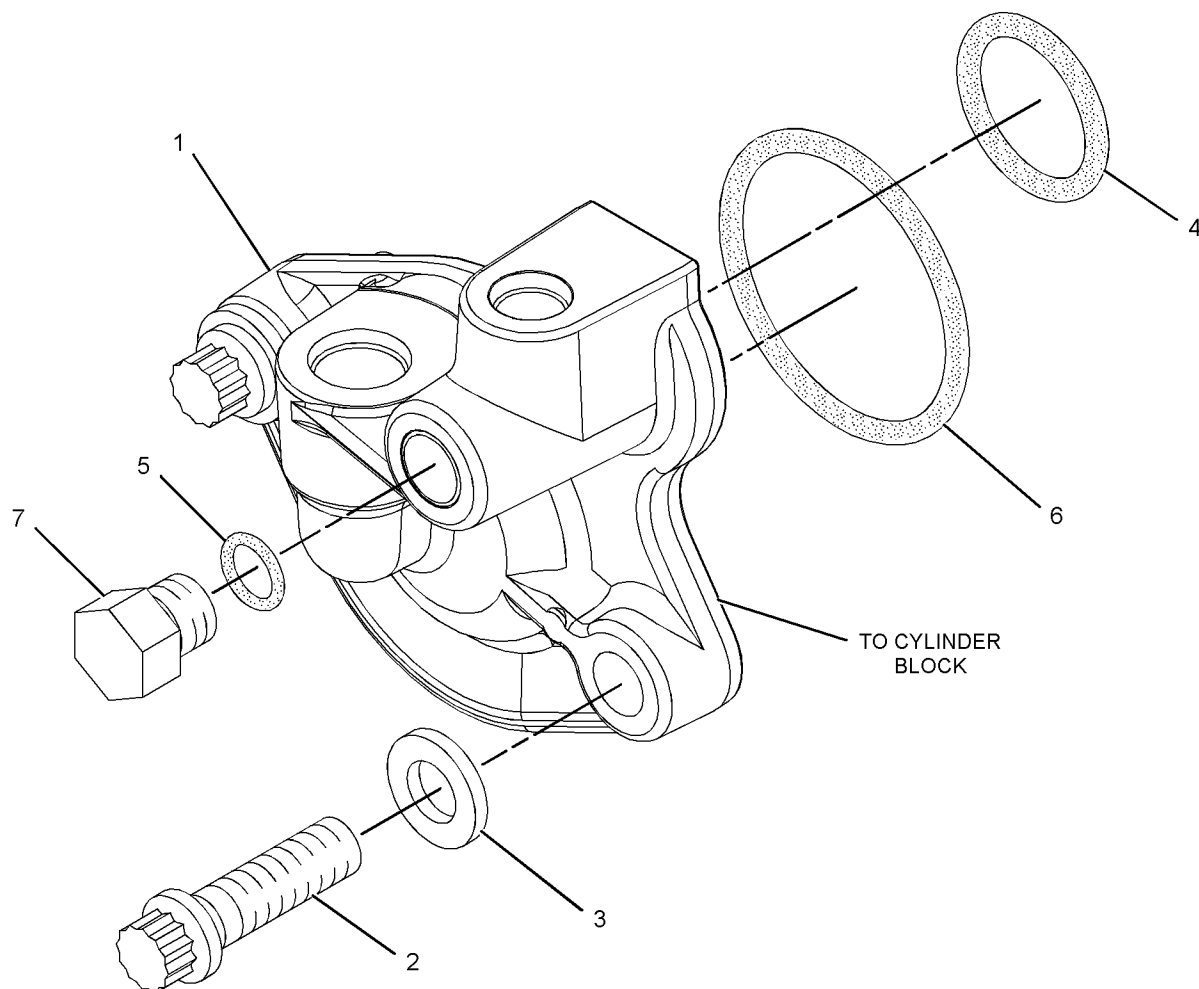
PART OF 225-8923 ENGINE AR-COMplete

FOR USE WITH OIL AND ATMOSPHERIC PRESSURE SENSORS

SMCS-5736, 5953

i02667181

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



GRAPHIC #1

<END>

g01341504

ELECTRICAL AND STARTING SYSTEM

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

S/N: LHX7918-UP

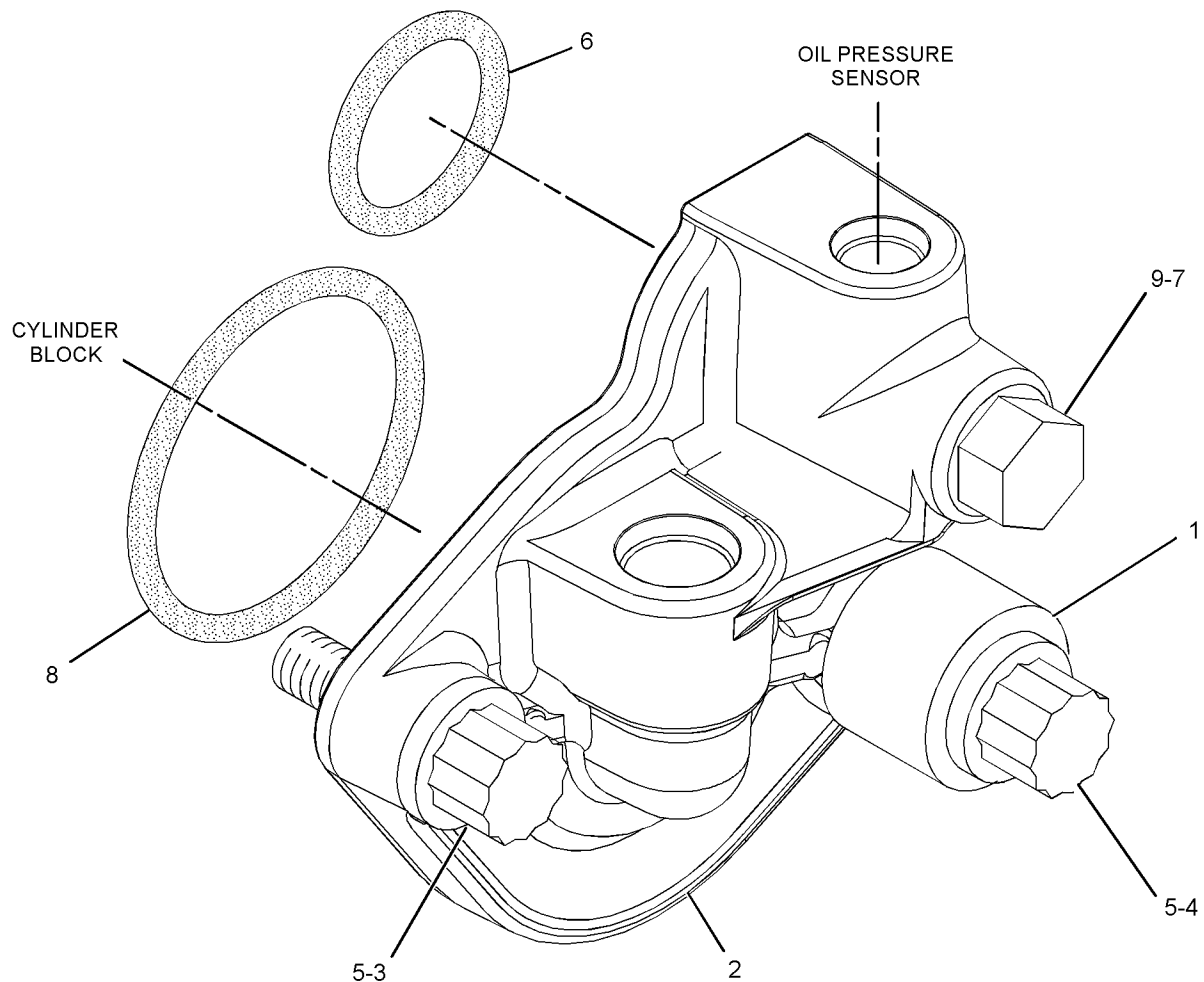
PROVIDES A SPACER TO CREATE CLEARANCE BETWEEN THE FUMES DISPOSAL TUBE AND MACHINE
SIDE ENGINE HARNESS

PART OF 225-8923 ENGINE AR-COMPLETE

SMCS-5736, 5953

i02666270

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6P-9592	1	SPACER (0.438X1X0.72-IN THK)						
	2	1	166-6693	1	ADAPTER						
	3	1	1T-0720	1	BOLT-12 POINT HEAD (3/8-16X1.25-IN)						
	4	1	3S-1307	1	BOLT-12 POINT HEAD (3/8-16X2-IN)						
	5	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	6	1	6V-3683	1	SEAL-O-RING						
	7	1	6V-5048	1	SEAL-O-RING						
	8	1	8J-4351	1	SEAL-O-RING						
	9	1	9S-4182	1	PLUG-O-RING						



GRAPHIC #1

<END>

g01346066

ELECTRICAL AND STARTING SYSTEM

227-4416 RECEPTACLE GP-AUXILIARY START

S/N: ASX1-299

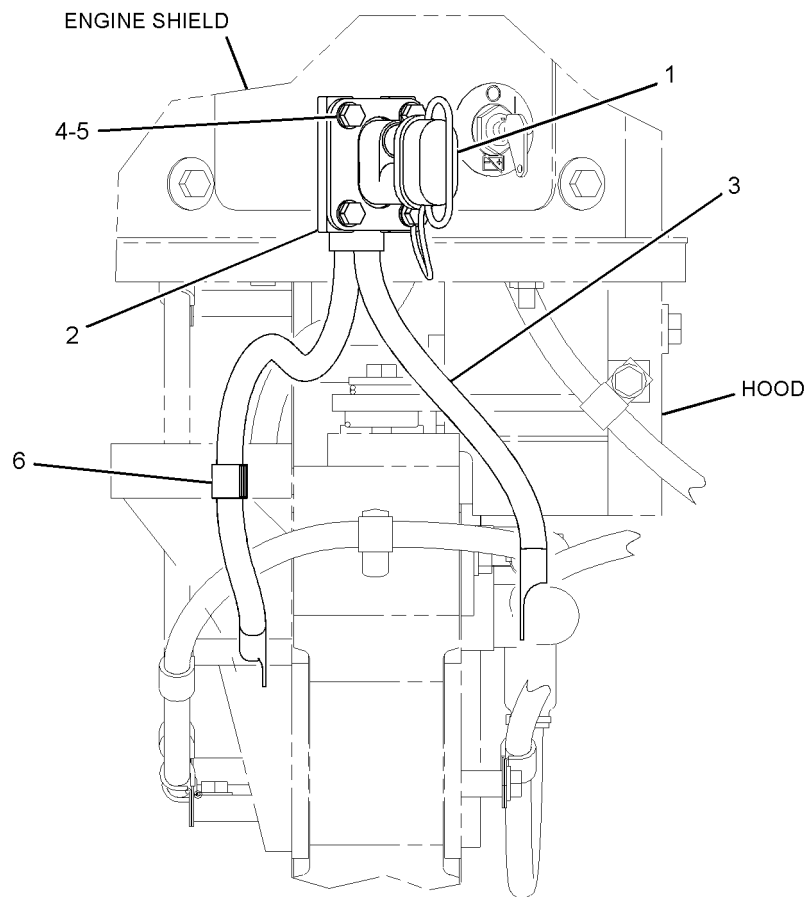
PART OF 226-9616 ELECTRICAL AR

SMCS-1463

i01985382

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8S-2634	1	COVER AS						
		1	2P-2975	2	SEAL-O-RING						
	2	1	121-7848	2	PLATE						
	3	1	231-7589	1	RECEPTACLE AS						
		1	1S-7251	2	TERMINAL-RING (FOR 1/2-IN BOLT)						
E		1	5P-0747		CABLE (00-GA, BLACK) (55CM)						
E		1	5P-0761		CABLE (00-GA, RED) (30CM)						
	4	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)						
M	5	1	8T-4908	4	BOLT (M8X1.25X25-MM)						
	6	1	9M-8406	1	CLIP						

E-ORDER BY THE CENTIMETER
M-METRIC PART



REAR VIEW

<END>

GRAPHIC #1

g01031224

ELECTRICAL AND STARTING SYSTEM

225-3678 SENSOR & MTG GP - POSITION-AUTOMATIC BLADE

S/N: ASX1-UP

PART OF 225-3676 CYLINDER GP-LIFT
AN ATTACHMENT

SMCS-5736

i02096279

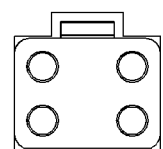
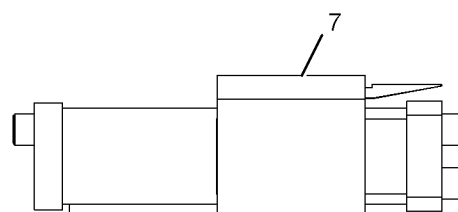
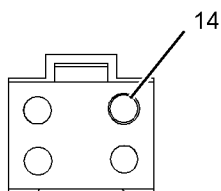
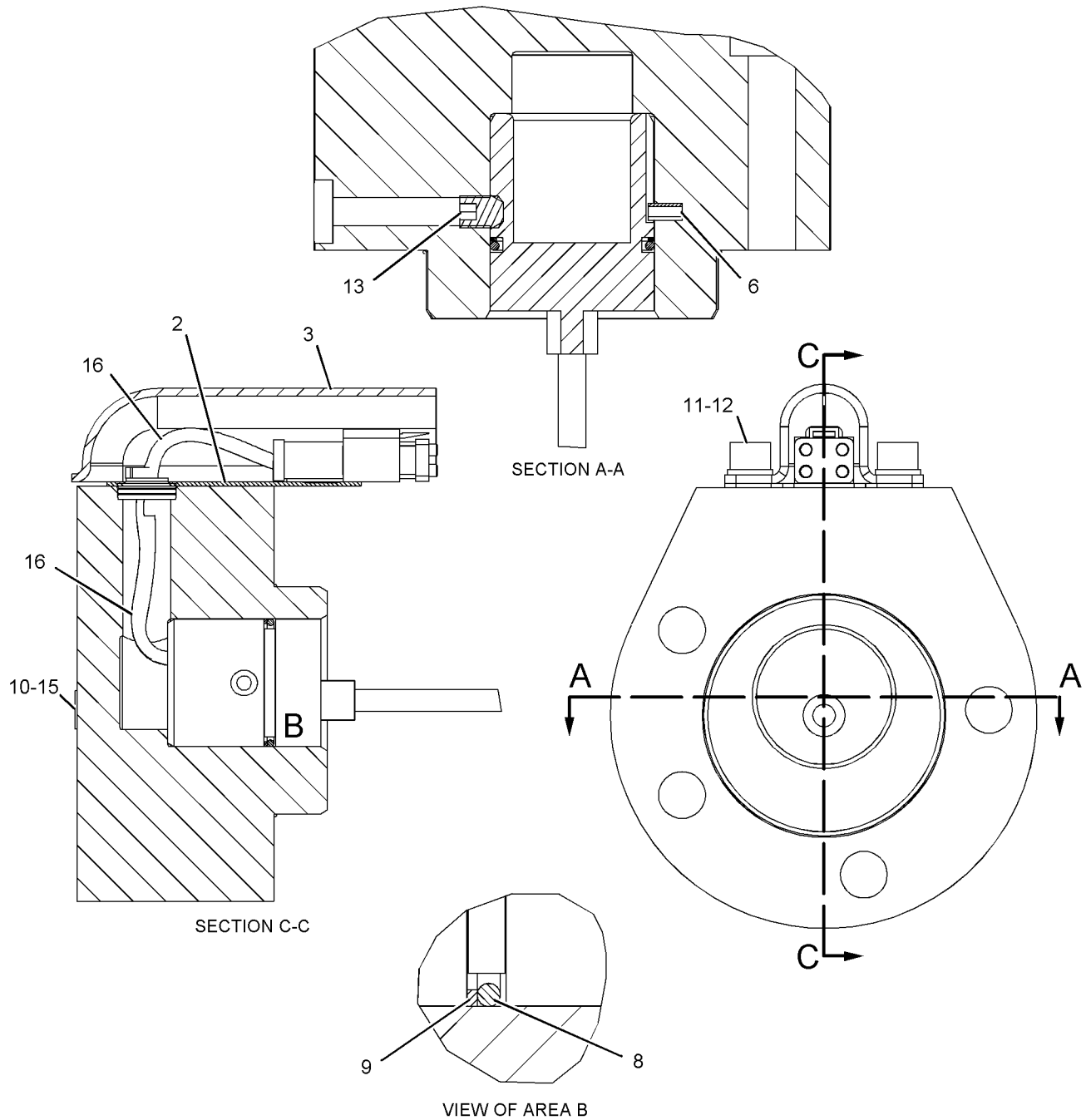
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	2	1	212-0907	1	PLATE-CONNECTOR						
	3	1	217-8763	1	COVER-PROTECTION						
	6	1	095-0879	1	PIN-SPRING						
	7	1	102-8804	1	KIT-RECEPTACLE (4-PIN)						
	8	1	188-2199	1	SEAL-O-RING						
	9	1	215-1942	1	RING-BACKUP						
	10	1	3J-7354	2	SEAL-O-RING						
	11	1	3V-2431	2	WASHER (10.2X16X2-MM THK)						
	12	1	4S-5565	2	BOLT (3/8-16X0.875-IN)						
	13	1	8T-5070	1	SETSCREW-SOCKET (3/8-16X0.5-IN)						
	14	1	8T-8737	1	PLUG-SEAL						
	15	1	9S-8002	2	PLUG-O-RING						
E	16	1	9X-1386		SLEEVE (13-CM)						

E-ORDER BY THE CENTIMETER

ELECTRICAL AND STARTING SYSTEM

225 - 3678 SENSOR & MTG GP - POSITION (contd.)

i02096279



GRAPHIC #1

DETAIL OF CONNECTOR
<END>

g01069726

ELECTRICAL AND STARTING SYSTEM

231 - 1973 SENSOR GP - ENGINE

S/N: LHX1-2925

PART OF 225-8923 ENGINE AR-COMplete

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

i02662398

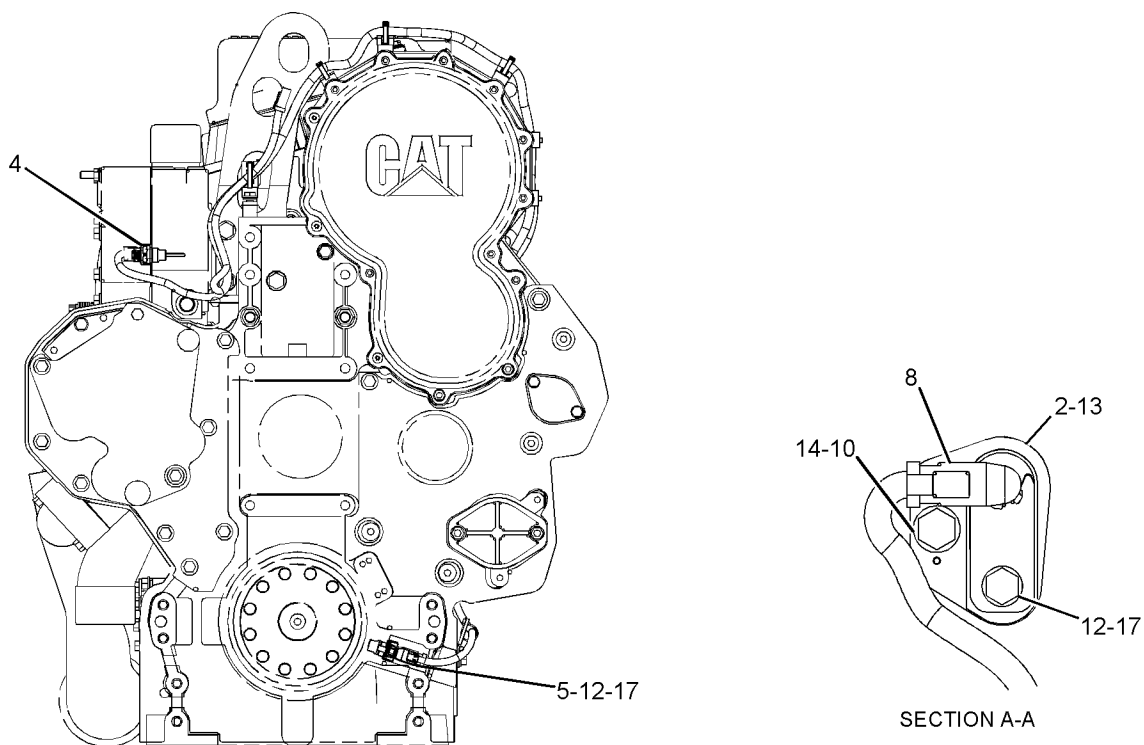
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	9X-0262	1	ADAPTER	
	2	1	132-9770	1	SPACER AS	
		1	1W-6448	2	DOWEL	
Y	3	1	197-8391	1	SENSOR GP-TEMPERATURE (INTAKE AIR MANIFOLD)	279
Y	4	1	197-8392	1	SENSOR GP-TEMPERATURE (WATER COOLANT)	280
Y	5	1	214-2484	1	SENSOR GP-SPEED (TIMING, CRANKSHAFT)	274
Y	6	1	239-2395	1	SENSOR GP-PRESSURE (ATMOSPHERIC AIR)	267
Y	7	1	239-2396	1	SENSOR GP-PRESSURE (ENGINE OIL)	268
Y	8	1	239-5928	1	SENSOR GP-SPEED (TIMING, CAMSHAFT)	275
	9	1	241-6186	1	ELBOW	
	10	1	0S-1591	1	BOLT (3/8-16X1.5-IN)	
Y	11	1	239-5674	1	SENSOR GP-PRESSURE (AIR INLET MANIFOLD)	270
	12	1	2H-3755	2	BOLT (5/16-18X0.43-IN)	
	13	1	3P-1155	1	SEAL-O-RING	
	14	1	5M-2894	1	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	15	1	6V-5048	1	SEAL-O-RING	
	16	1	6V-5049	1	SEAL-O-RING	
	17	1	9M-1974	2	WASHER-HARD (8.8X16X2-MM THK)	

Y-SEPARATE ILLUSTRATION

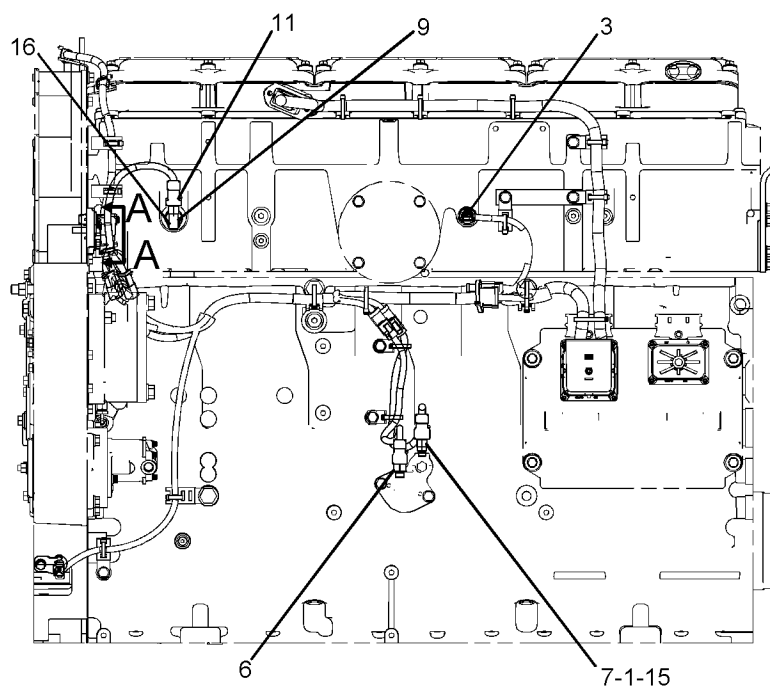
ELECTRICAL AND STARTING SYSTEM

231 - 1973 SENSOR GP - ENGINE (contd.)

i02662398



FRONT VIEW



LEFT SIDE VIEW

<END>

GRAPHIC #1

g01055021

ELECTRICAL AND STARTING SYSTEM

231 - 1973 SENSOR GP - ENGINE

S/N: LHX2926-UP

PART OF 225-8923 ENGINE AR-COMPLETE

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

i02696324

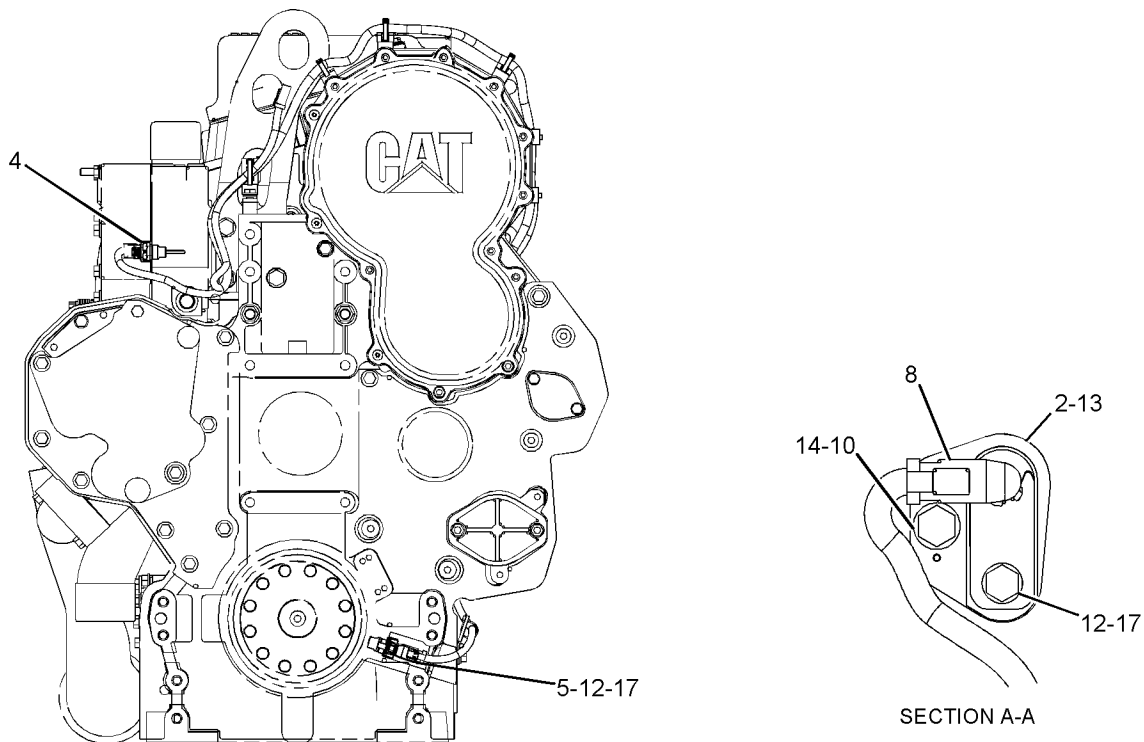
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	9X-0262	1	ADAPTER	
	2	1	132-9770	1	SPACER AS	
		1	1W-6448	2	DOWEL	
CY	3	1	274-7395	1	SENSOR GP-TEMPERATURE (INTAKE AIR MANIFOLD)	282
CY	4	1	274-7396	1	SENSOR GP-TEMPERATURE (ENGINE COOLANT)	283
Y	5	1	214-2484	1	SENSOR GP-SPEED (TIMING, CRANKSHAFT)	274
Y	6	1	239-2395	1	SENSOR GP-PRESSURE (ATMOSPHERIC AIR)	267
Y	7	1	239-2396	1	SENSOR GP-PRESSURE (ENGINE OIL)	268
Y	8	1	239-5928	1	SENSOR GP-SPEED (TIMING, CAMSHAFT)	275
	9	1	241-6186	1	ELBOW	
	10	1	0S-1591	1	BOLT (3/8-16X1.5-IN)	
Y	11	1	239-5674	1	SENSOR GP-PRESSURE (AIR INLET MANIFOLD)	270
	12	1	2H-3755	2	BOLT (5/16-18X0.43-IN)	
	13	1	3P-1155	1	SEAL-O-RING	
	14	1	5M-2894	1	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	15	1	6V-5048	1	SEAL-O-RING	
	16	1	6V-5049	1	SEAL-O-RING	
	17	1	9M-1974	2	WASHER-HARD (8.8X16X2-MM THK)	

C- CHANGE FROM PREVIOUS TYPE
Y- SEPARATE ILLUSTRATION

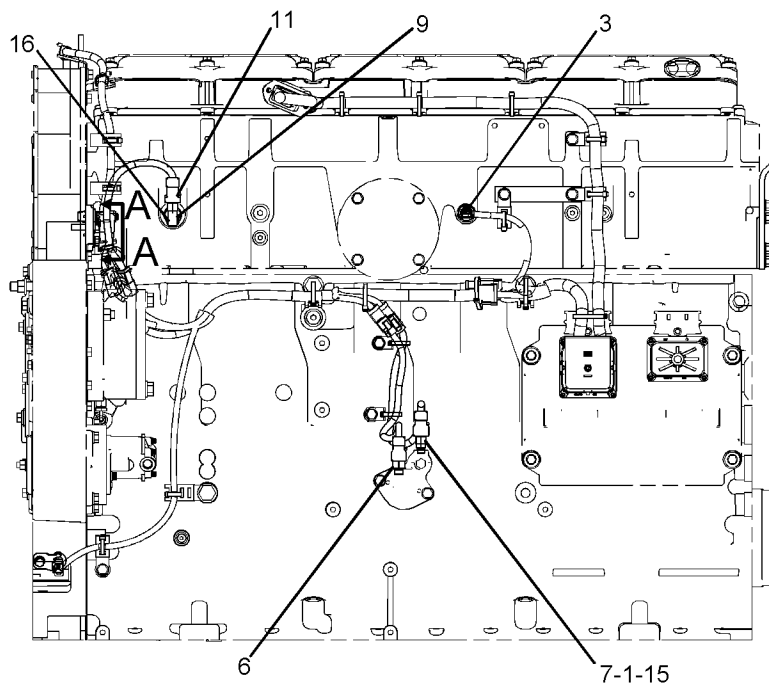
ELECTRICAL AND STARTING SYSTEM

231 - 1973 SENSOR GP - ENGINE (contd.)

i02696324



FRONT VIEW



LEFT SIDE VIEW

<END>

GRAPHIC #1

g01055021

ELECTRICAL AND STARTING SYSTEM

204-7949 SENSOR GP-POSITION

S/N: ASX1-UP

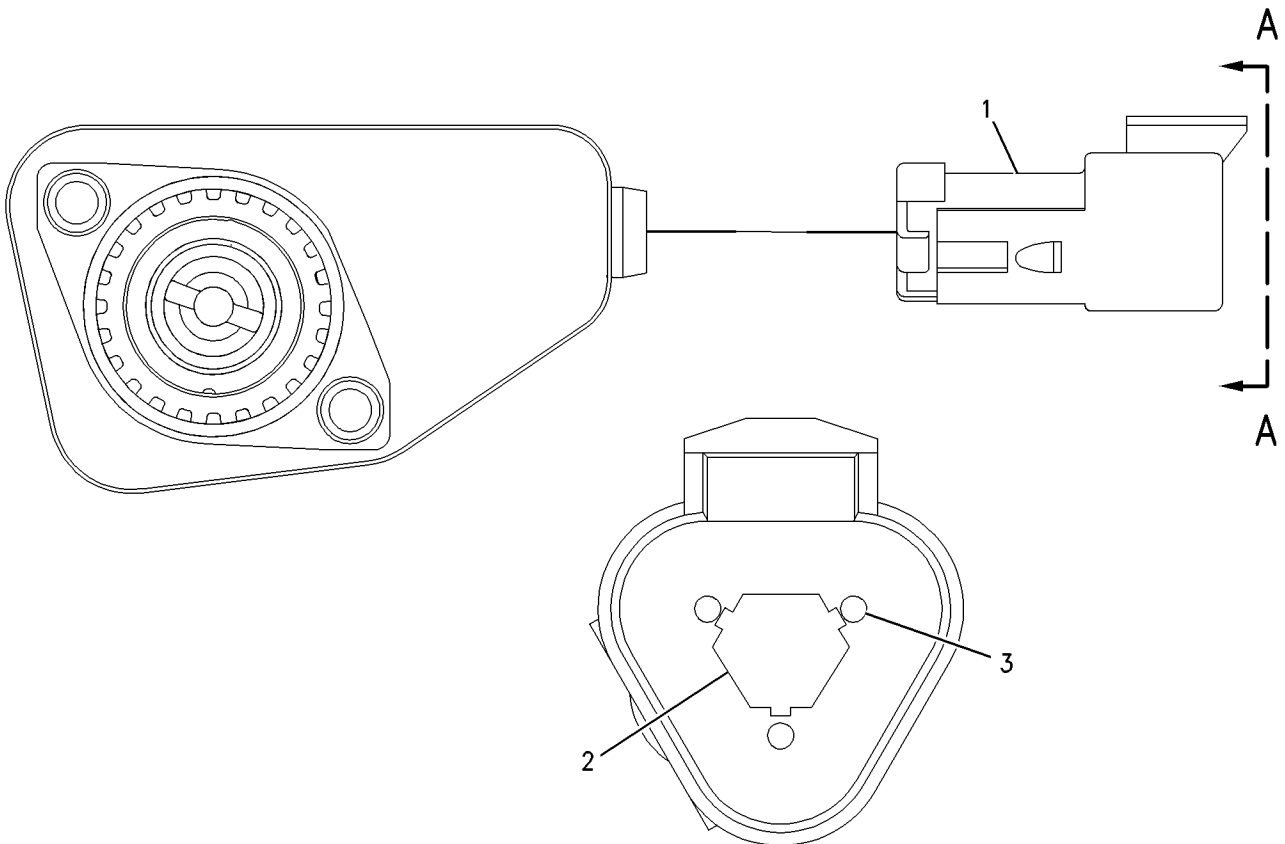
72-DEGREE

PART OF 130-8176 PEDAL GP-GOVERNOR

SMCS-4269, 5702, 5736, 5737, 7494

i02582120

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	102-8803	1	KIT-RECEPTACLE (3-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
	2	1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)	
	3	1	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)	



VIEW A-A

GRAPHIC #1

<END>

g00925280

ELECTRICAL AND STARTING SYSTEM

214-4863 SENSOR GP - POSITION-ROTARY

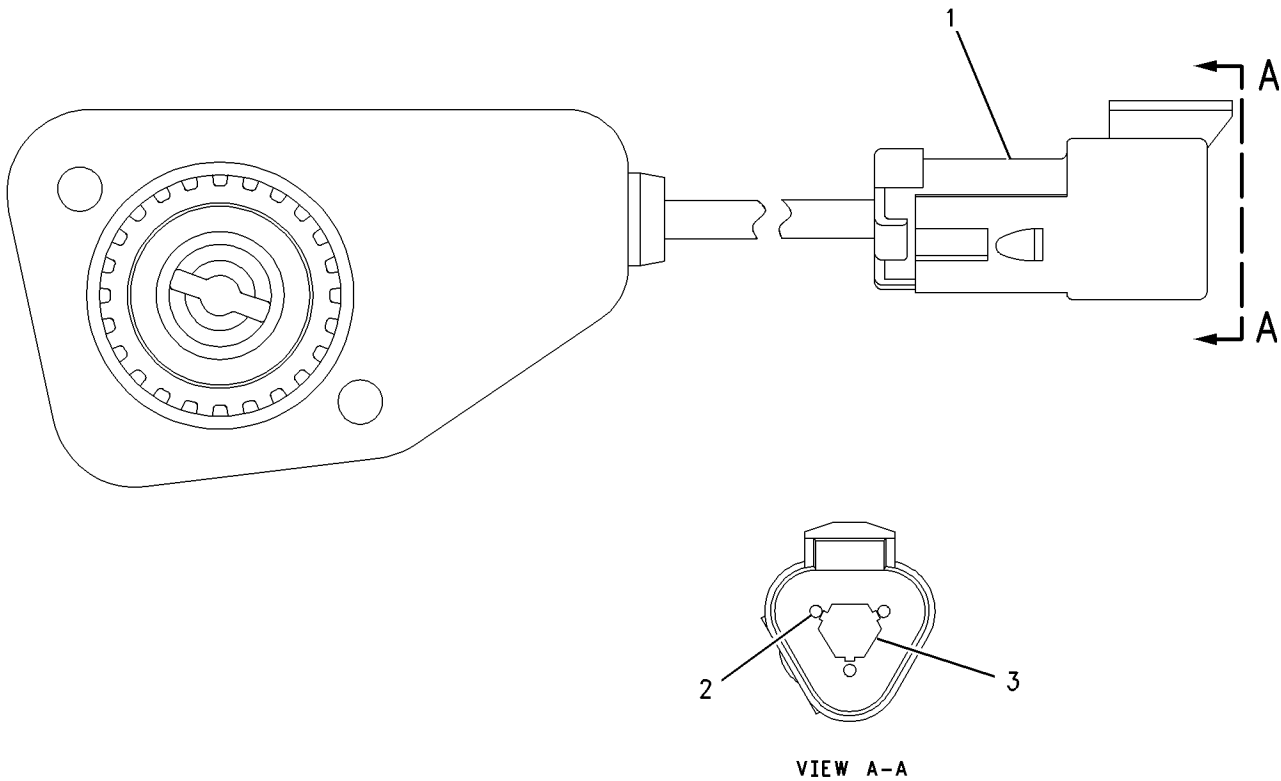
S/N: ASX1-UP

PART OF 180-4004 BASE GP-FOOT BRAKE

SMCS-4269, 5702, 5736, 5737, 7494

i02267084

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	2	1	186-3735	1	PIN-CONNECTOR (16-GA TO 18-GA)						
	3	1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)						



GRAPHIC #1

<END>

g00925281

ELECTRICAL AND STARTING SYSTEM

194-6722 SENSOR GP - PRESSURE

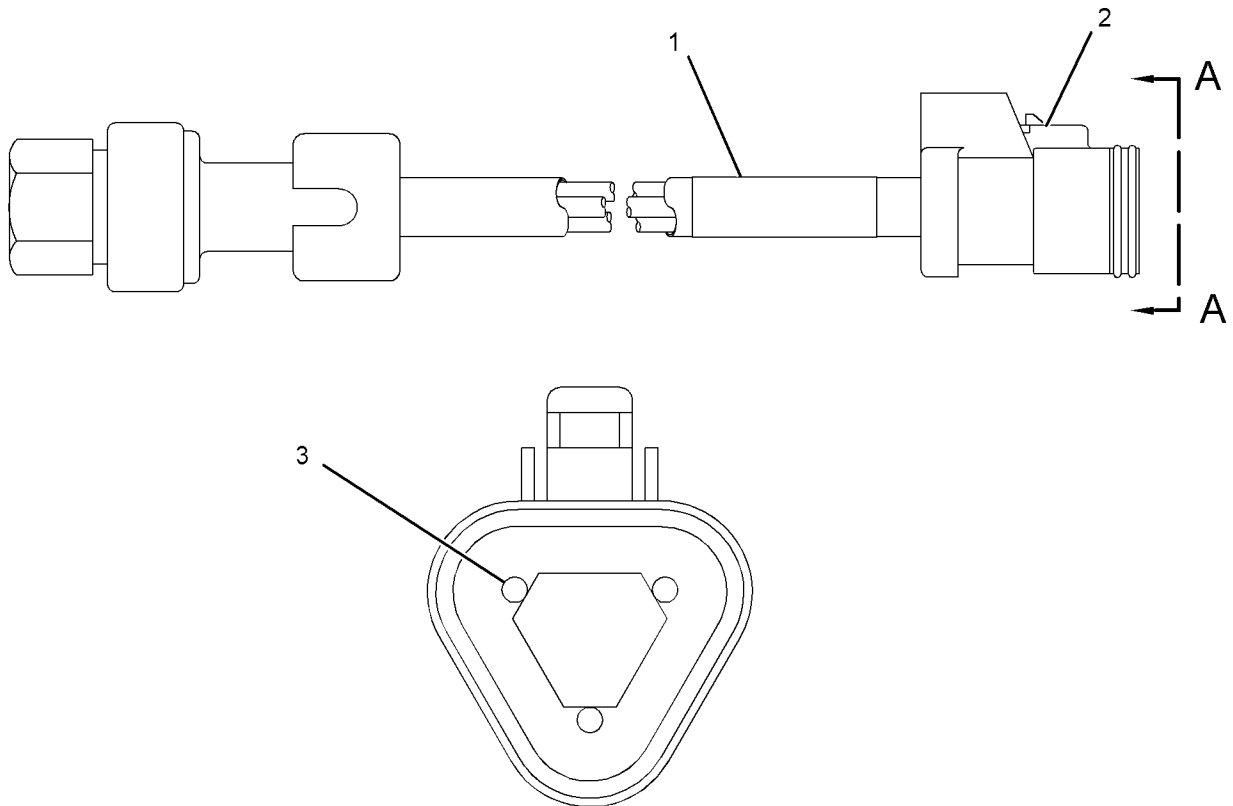
S/N: LHX1-UP

PART OF 239-2395 SENSOR GP - PRESSURE

SMCS-1408, 1925, 7494

i02758368

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



VIEW A-A

GRAPHIC #1

<END>

g01381175

ELECTRICAL AND STARTING SYSTEM

194-6725 SENSOR GP - PRESSURE

S/N: LHX1-UP

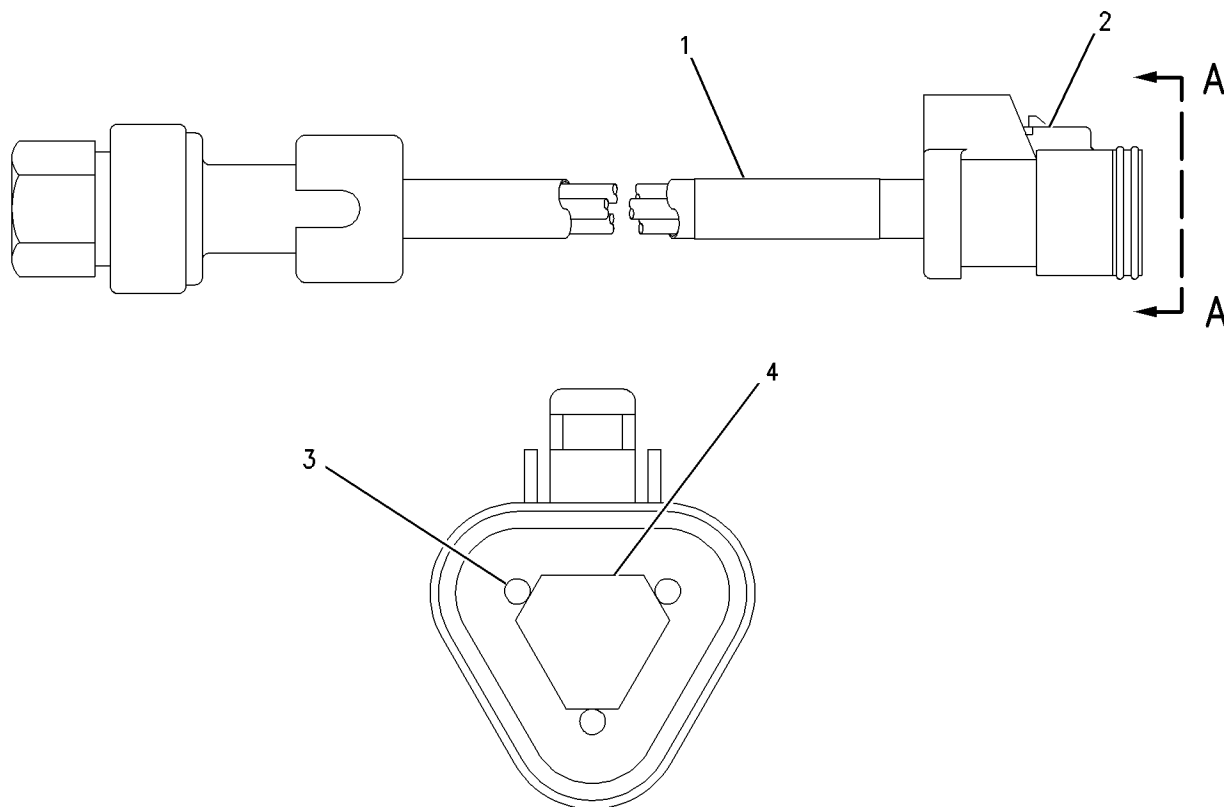
PART OF 239-2396 SENSOR GP - PRESSURE

SMCS-1408, 1925, 7494

i02502898

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
E	1	1	9X-1813		SLEEVE (34-CM)						
	2	1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
					(INCLUDES PLUG AS, INTERFACE SEAL, & WEDGE)						
	3	1	194-5226	3	WIRE AS-HARNESS (16-GA TO 18-GA)						
	4	1	3E-3368	1	WEDGE-PLUG LOCK (3-PIN)						

E - ORDER BY THE CENTIMETER



VIEW A-A

GRAPHIC #1

<END>

g00851220

ELECTRICAL AND STARTING SYSTEM

239 - 2395 SENSOR GP - PRESSURE

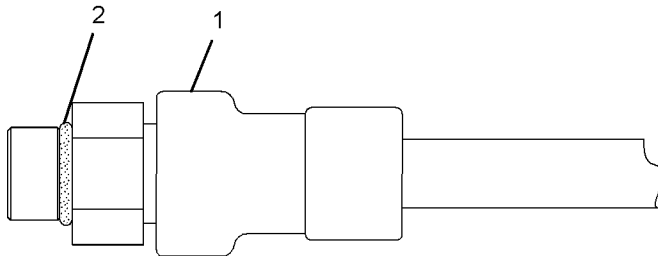
S/N: LHX1-UP

PART OF 231-1973 SENSOR GP-ENGINE

SMCS-1408, 1925, 7494

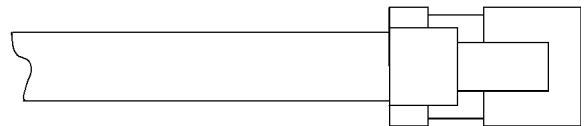
i02764841

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	194-6722	1	SENSOR GP-PRESSURE	265
	2	1	6V-5049	1	SEAL-O-RING	
Y-SEPARATE ILLUSTRATION						



GRAPHIC #1

<END>



g01019702

ELECTRICAL AND STARTING SYSTEM

239 - 2396 SENSOR GP - PRESSURE

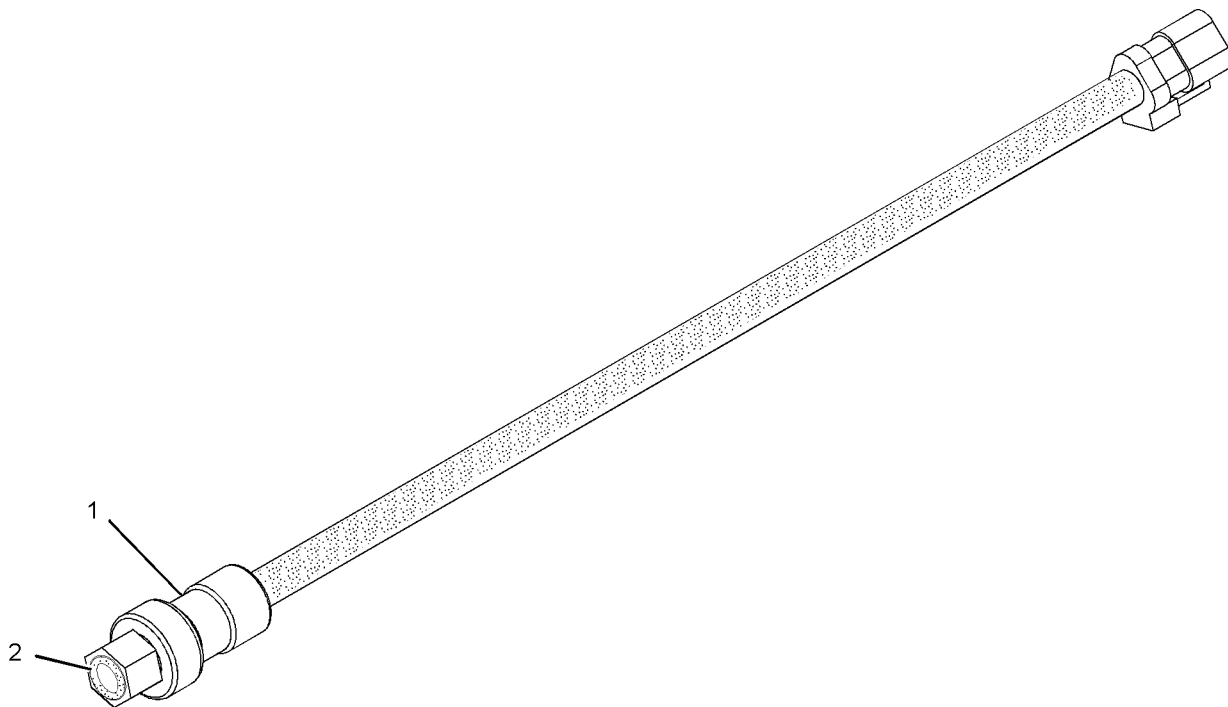
S/N: LHX1-UP

PART OF 225-0994 FILTER & MTG GP-FUEL, 231-1973 SENSOR GP-ENGINE

SMCS-1408, 1925, 7494

i02703569

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	194-6725	1	SENSOR GP-PRESSURE	266
	2	1	6V-5048	1	SEAL-O-RING	
Y-SEPARATE ILLUSTRATION						



GRAPHIC #1

<END>

g01019323

ELECTRICAL AND STARTING SYSTEM

239 - 3478 SENSOR GP - PRESSURE

S/N: LHX1-UP

PART OF 239-5674 SENSOR GP - PRESSURE

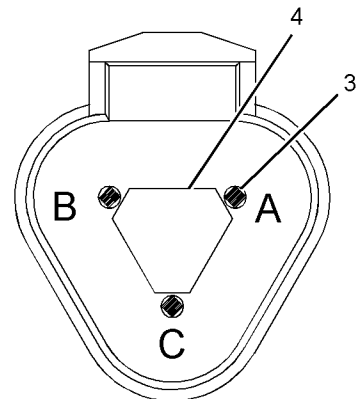
SMCS-1408, 1925, 7494

i02657085

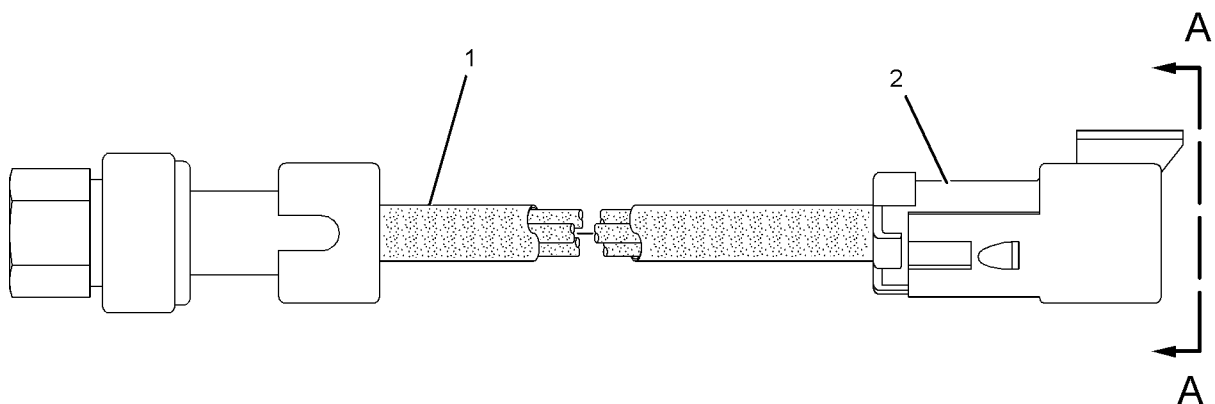
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
BE	1	1	9X-1813		SLEEVE (34-CM)						
	2	1	102-8803	1	KIT-RECEPTACLE (3-PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
	3	1	9X-3401	3	PIN-CONNECTOR (16-GA TO 18-GA)						
	4	1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)						

B-USE AS REQUIRED

E-ORDER BY THE CENTIMETER



VIEW A-A



GRAPHIC #1

<END>

g01019421

ELECTRICAL AND STARTING SYSTEM

239-5674 SENSOR GP - PRESSURE

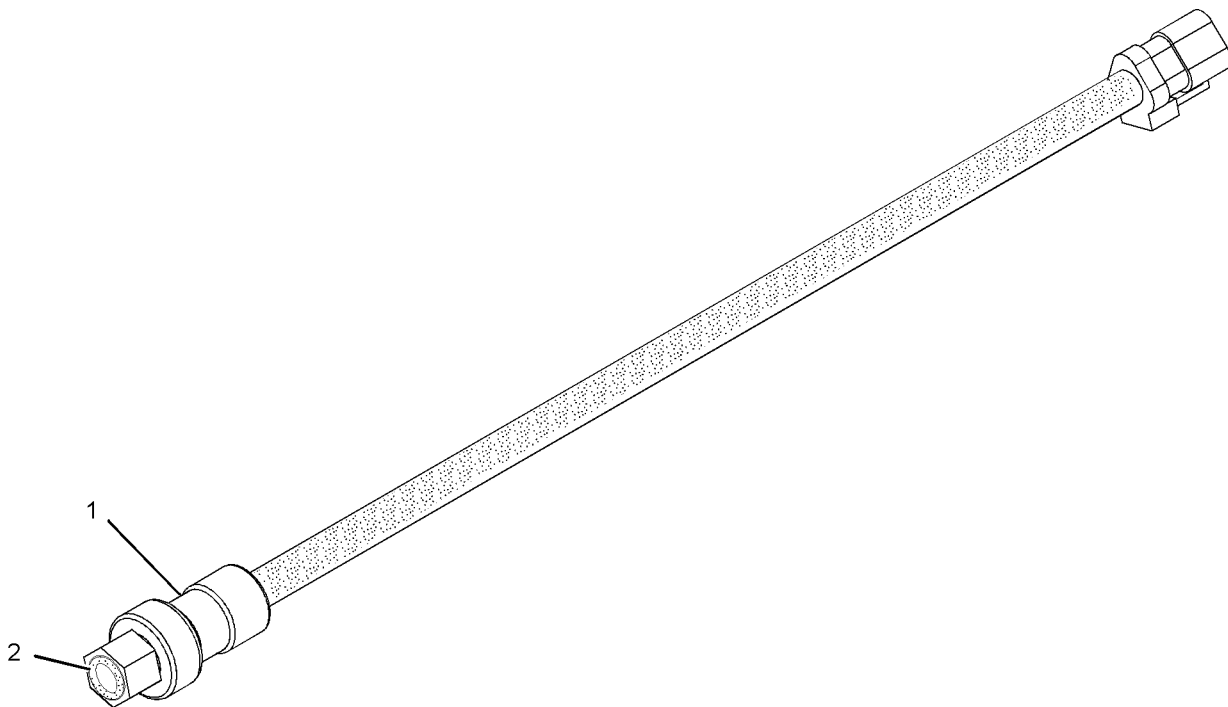
S/N: LHX1-UP

PART OF 231-1973 SENSOR GP-ENGINE

SMCS-1408, 1925, 7494

i02753518

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	239-3478	1	SENSOR GP - PRESSURE						269
	2	1	6V-5048	1	SEAL -O- RING						
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g01019323

ELECTRICAL AND STARTING SYSTEM

193-2550 SENSOR GP-SPEED

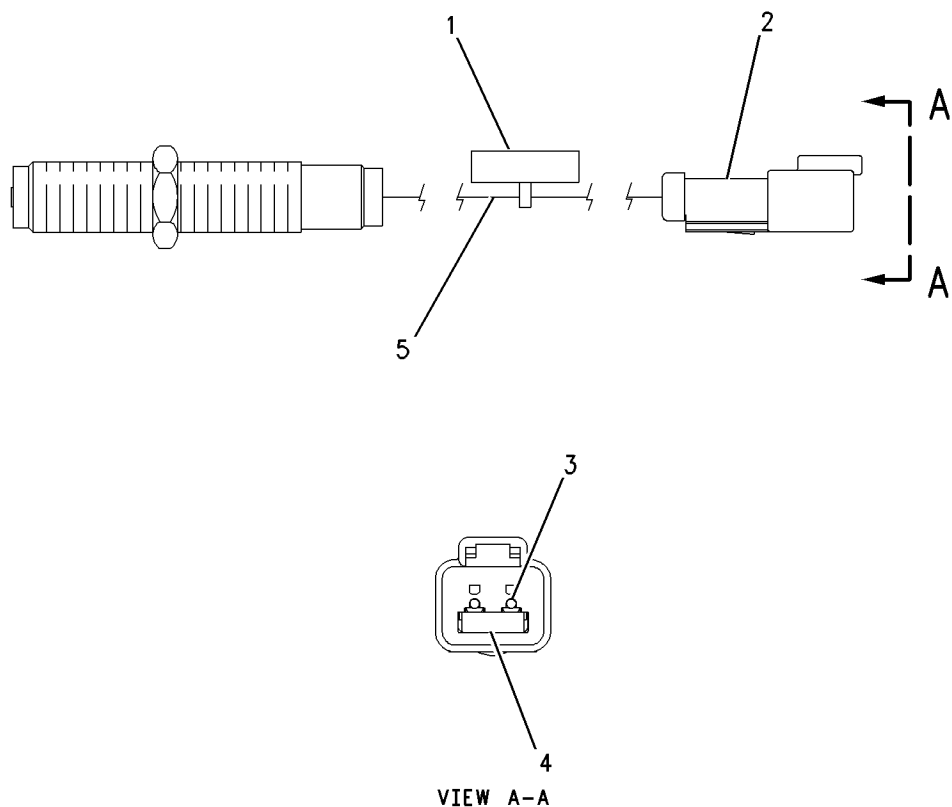
S/N: DRP1-UP

PART OF 232-4688 GEAR GP-OUTPUT TRANSFER

SMCS-1907, 1912, 3175, 4803, 7493

i02267098

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	171-5349	1	STRAP-MARKER	
	2	1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS AND WEDGE)	
	3	1	8T-8729	2	PIN-CONNECTOR	
	4	1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2-PIN)	
E	5	1	9X-1813		SLEEVE (14-CM)	
E-ORDER BY THE CENTIMETER						



GRAPHIC #1

<END>

g00690327

ELECTRICAL AND STARTING SYSTEM

201-6616 SENSOR GP-SPEED-TRANSMISSION INPUT

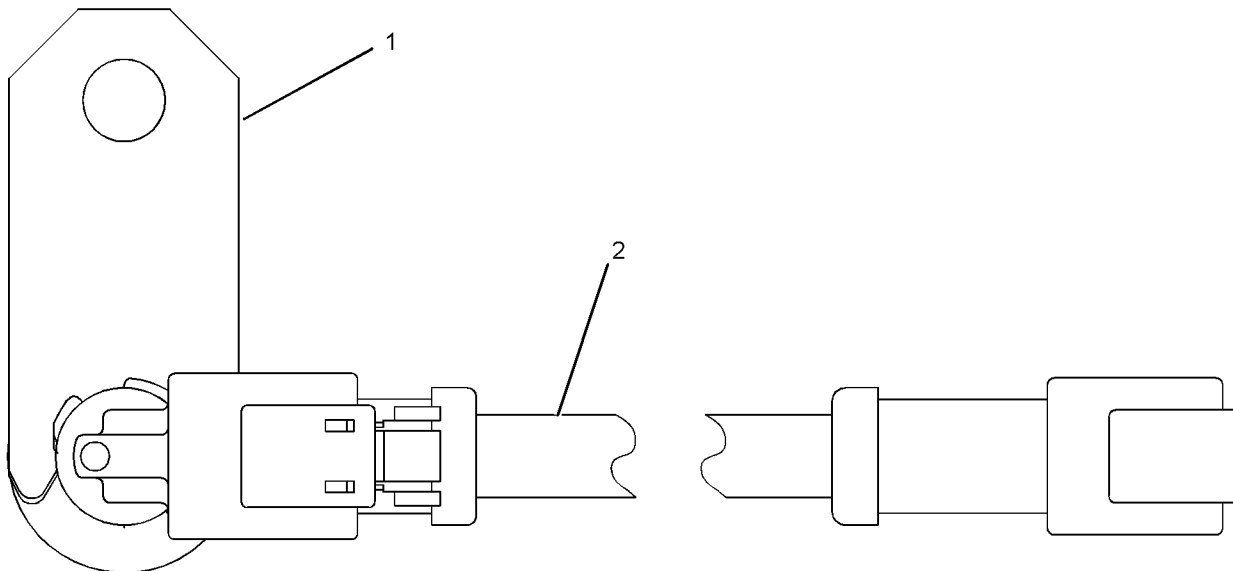
S/N: DRP1-UP

PART OF 232-4688 GEAR GP-OUTPUT TRANSFER

SMCS-1907, 1912, 3175, 4803, 7493

i02698736

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	264-7786	1	BRACKET						
	2	1	189-0852	1	HARNESS AS-WIRING (SPEED SENSOR)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
					(INCLUDES PLUG AS AND WEDGE)						



GRAPHIC #1

<END>

g01184106

ELECTRICAL AND STARTING SYSTEM

201-6617 SENSOR GP-SPEED

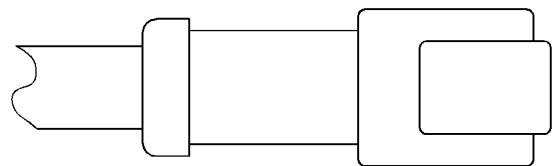
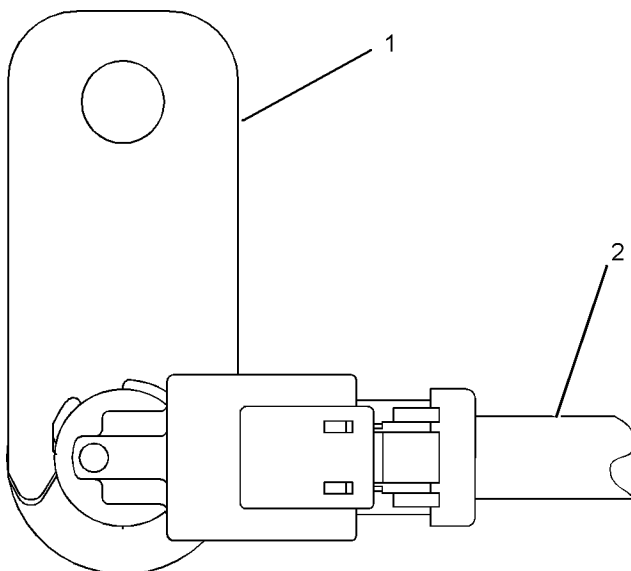
S/N: LHX1-UP

PART OF 239-5928 SENSOR GP-SPEED

SMCS-1907, 1912, 3175, 4803, 7493

i02726990

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	133-0261	1	BRACKET						
	2	1	189-0852	1	HARNESS AS-WIRING (SPEED)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
					(INCLUDES PLUG AS, INTERFACE SEAL,& WEDGE)						



GRAPHIC #1

<END>

g01071396

ELECTRICAL AND STARTING SYSTEM

214-2484 SENSOR GP - SPEED

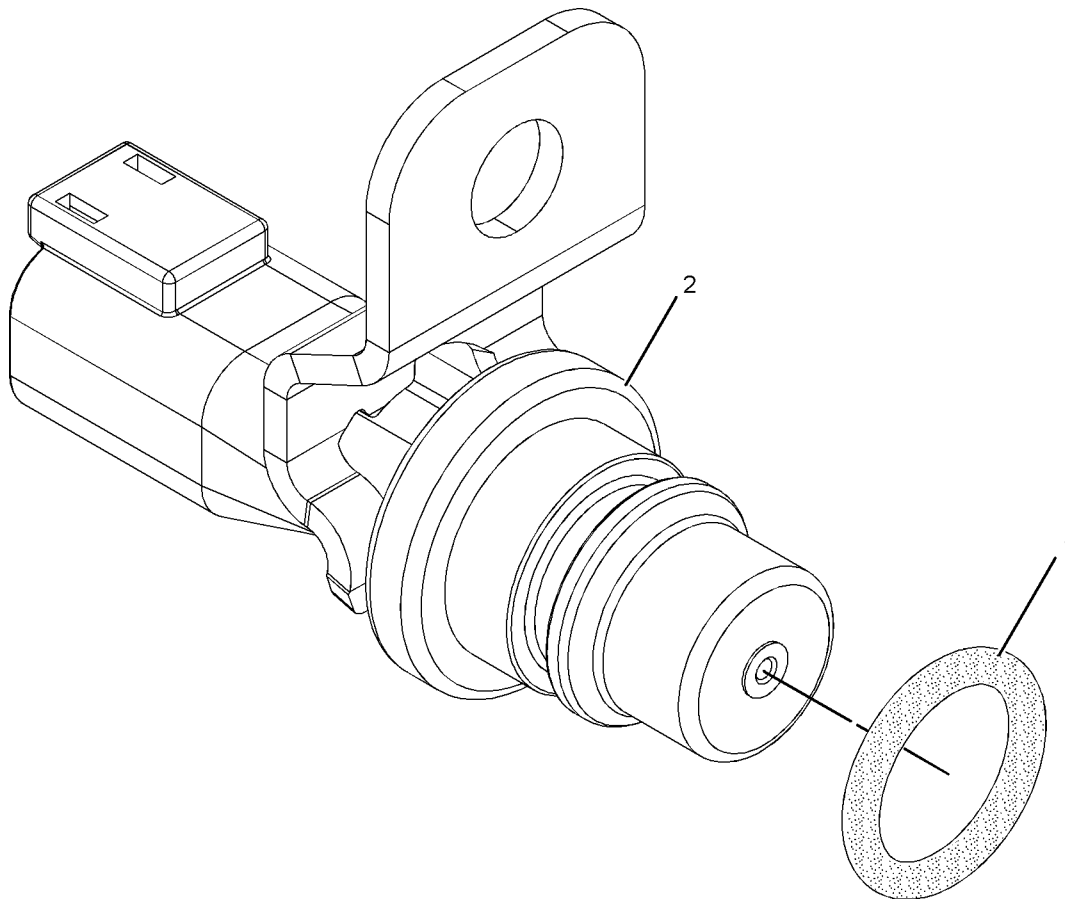
S/N: LHX1-UP

PART OF 231-1973 SENSOR GP-ENGINE

SMCS-1907, 1912, 3175, 4803, 7493

i02672773

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	203-3940	1	SEAL-O-RING						
	2	1	191-8303	1	SENSOR GP-SPEED (ENGINE)						



GRAPHIC #1

<END>

g01021497

ELECTRICAL AND STARTING SYSTEM

239-5928 SENSOR GP-SPEED

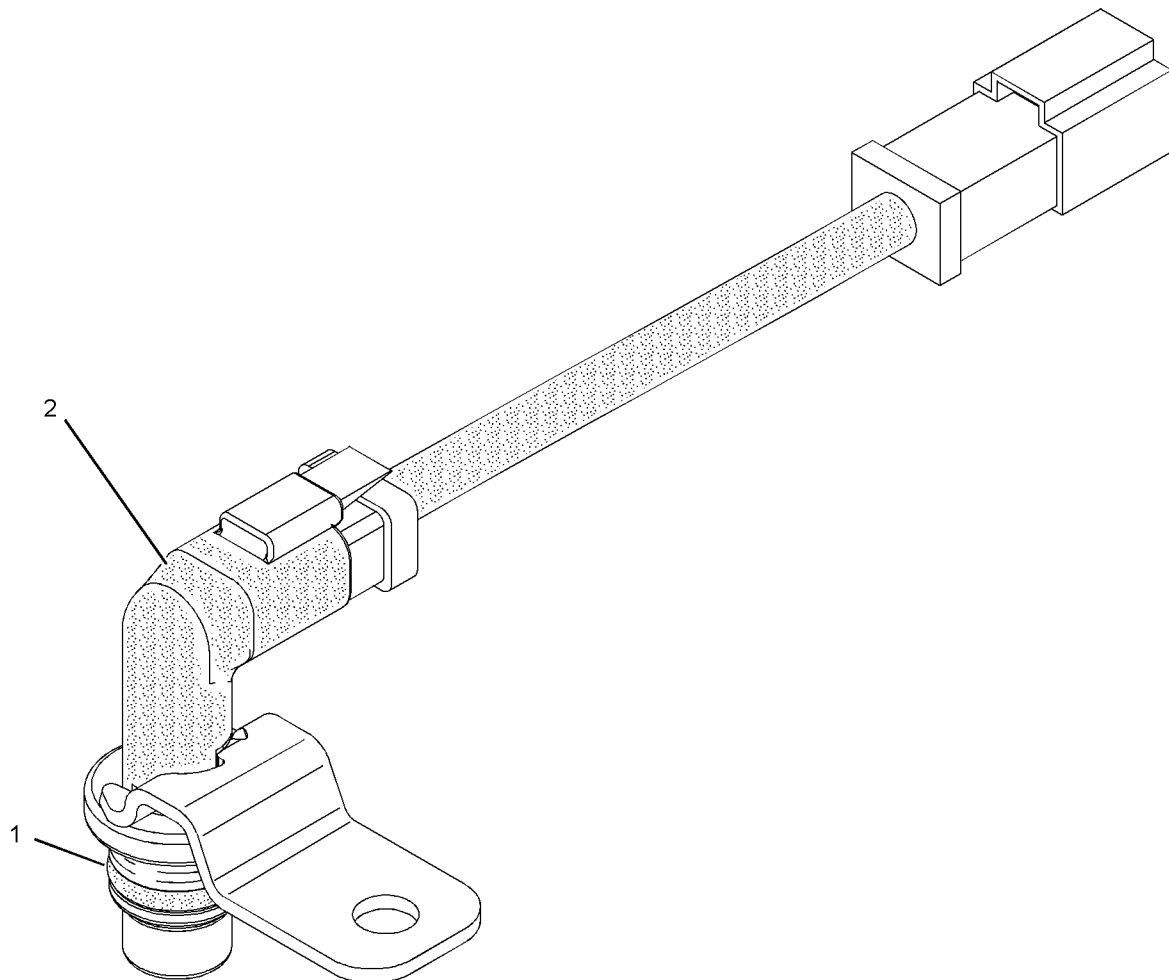
S/N: LHX1-UP

PART OF 231-1973 SENSOR GP-ENGINE

SMCS-1907, 1912, 3175, 4803, 7493

i02672775

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	228-4947	1	SEAL-O-RING	
Y	2	1	201-6617	1	SENSOR GP-SPEED (ENGINE)	273
Y-SEPARATE ILLUSTRATION						



GRAPHIC #1

<END>

g01019337

ELECTRICAL AND STARTING SYSTEM

118-7226 SENSOR GP - TEMPERATURE

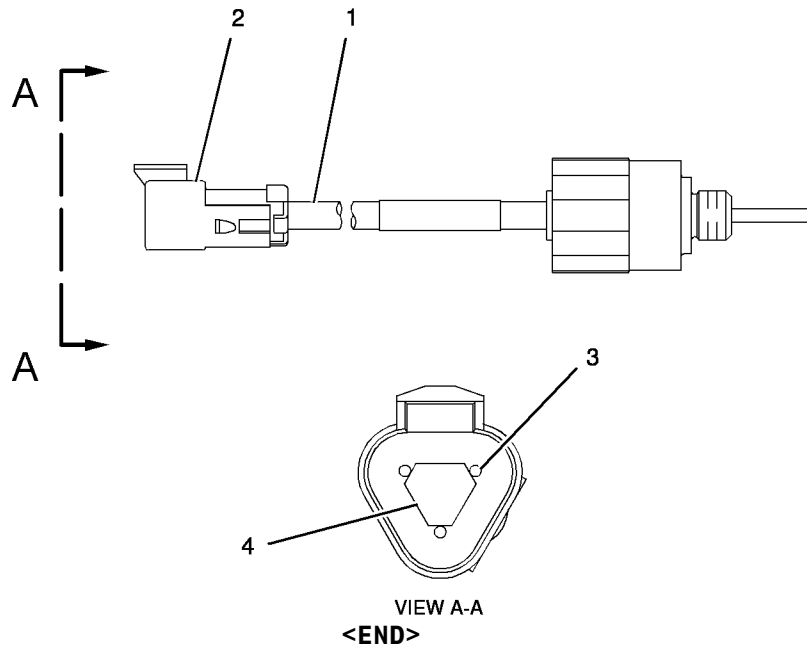
S/N: DRP1-UP

PART OF 229-8336 CONTROL GP-TRANSMISSION HYD

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

i02128103

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
E	1	1	9X-1813		SLEEVE (33-CM)						
	2	1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	3	1	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)						
	4	1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)						
E-ORDER BY THE CENTIMETER											



GRAPHIC #1

g01023677

ELECTRICAL AND STARTING SYSTEM

131-0427 SENSOR GP - TEMPERATURE

S/N: ASX1-299

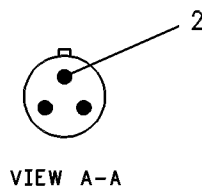
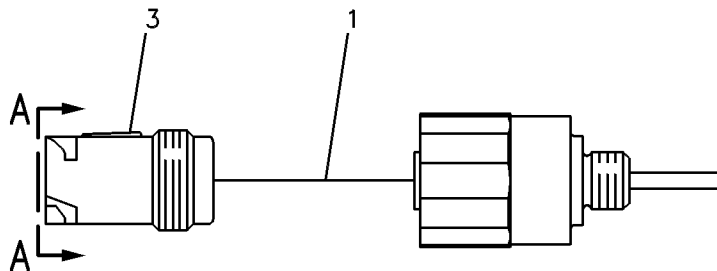
8-VOLT. PULSE WIDTH MODULATION

PART OF 227-4424 WIRING GP - CHASSIS

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

i02279273

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
E	1	1	112-4550		SLEEVE (33-CM)	
	2	1	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)	
	3	1	8T-8732	1	RECEPTACLE (3-PIN)	
E-ORDER BY THE CENTIMETER						



VIEW A-A

GRAPHIC #1

<END>

g00084552

ELECTRICAL AND STARTING SYSTEM

134-2252 SENSOR GP - TEMPERATURE

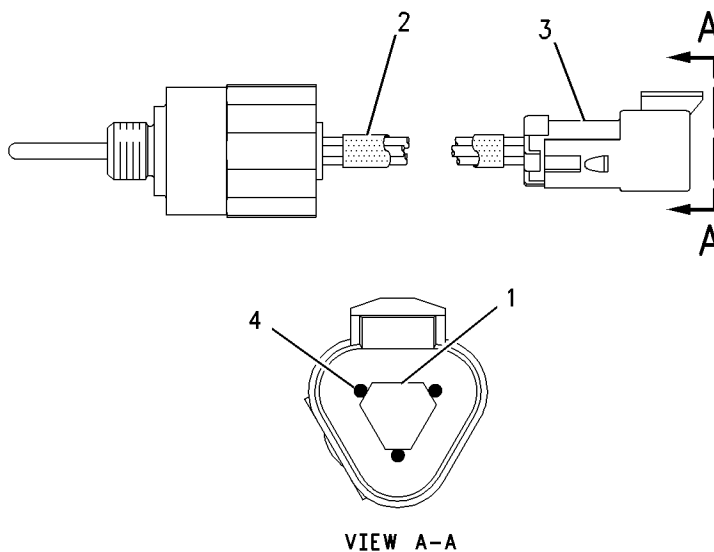
S/N: ASX1-299

PART OF 227-4421 WIRING GP-ENGINE

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

i02599091

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
E	1	1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)						
	2	1	9X-1386		SLEEVE (33-CM)						
	3	1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	4	1	8T-8729	3	PIN-CONNECTOR						
E-ORDER BY THE CENTIMETER											



GRAPHIC #1

<END>

g00658816

ELECTRICAL AND STARTING SYSTEM

197-8391 SENSOR GP - TEMPERATURE

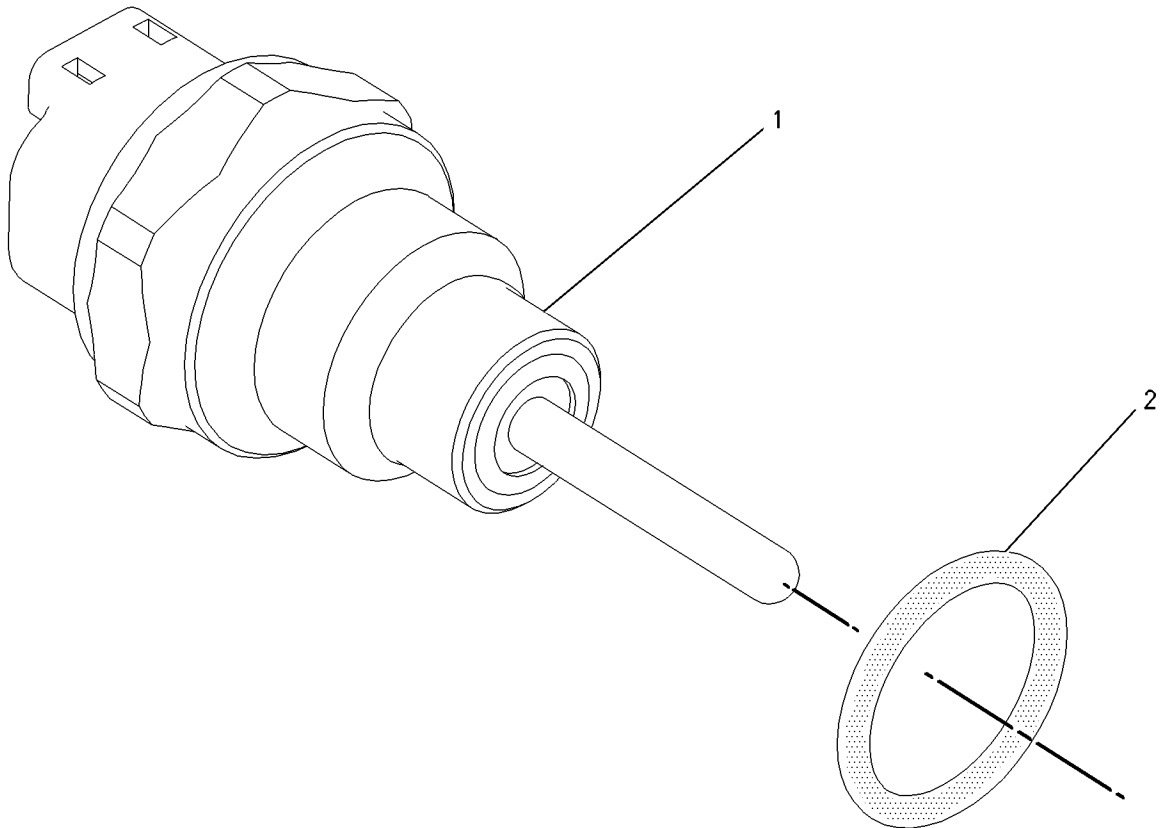
S/N: LHX1-UP

PART OF 225-0994 FILTER & MTG GP-FUEL, 231-1973 SENSOR GP-ENGINE

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

i02753388

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



GRAPHIC #1

<END>

g00856011

ELECTRICAL AND STARTING SYSTEM

197-8392 SENSOR GP - TEMPERATURE

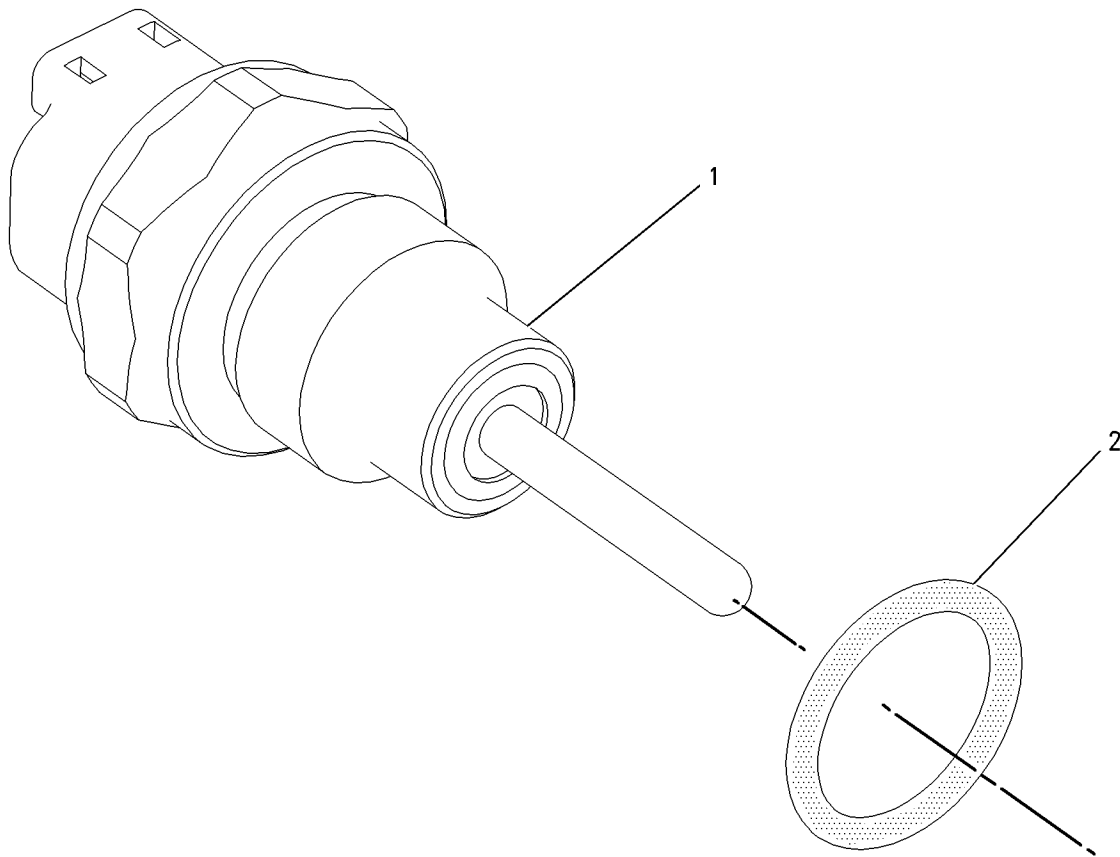
S/N: LHX1-UP

PART OF 231-1973 SENSOR GP-ENGINE

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

i02753411

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



GRAPHIC #1

<END>

g00856005

ELECTRICAL AND STARTING SYSTEM

234-5013 SENSOR GP - TEMPERATURE

S/N: LHX3850-UP

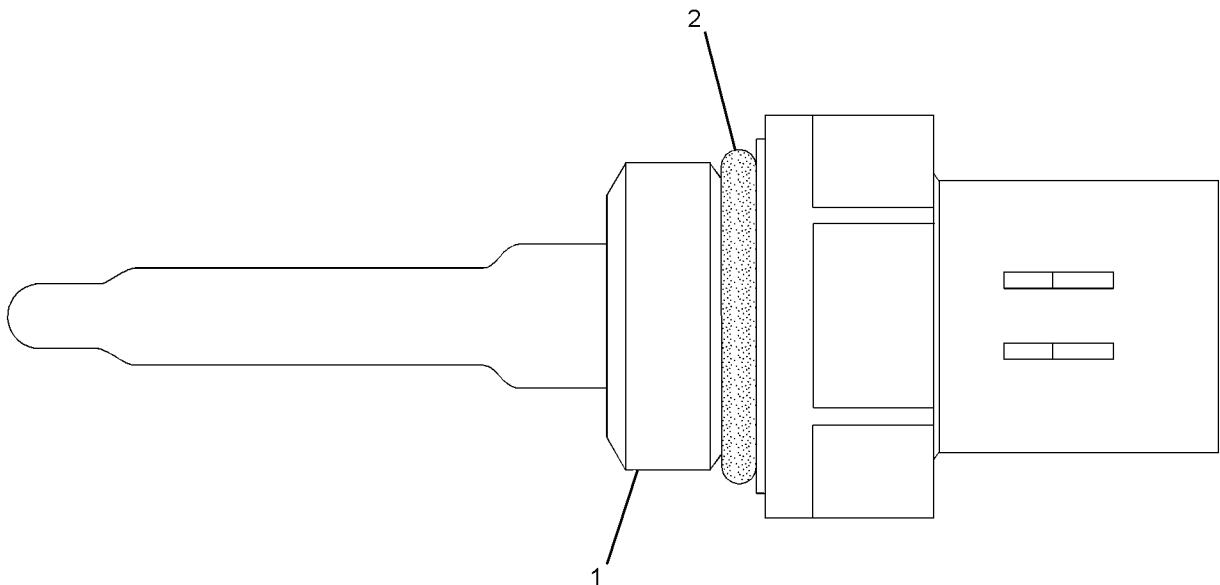
AMPSEAL CONNECTOR

PART OF 225-0994 FILTER & MTG GP - FUEL

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

i02726243

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	256-6453	1	SENSOR AS-TEMPERATURE	
	2	1	8L-2786	1	SEAL-O-RING	



GRAPHIC #1

<END>

g01164268

ELECTRICAL AND STARTING SYSTEM

274-7395 SENSOR GP - TEMPERATURE

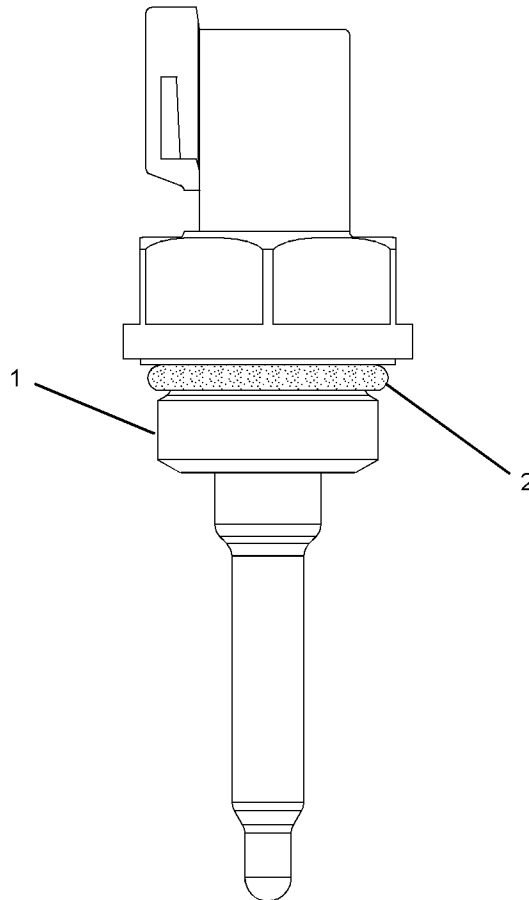
S/N: LHX1-UP

PART OF 231-1973 SENSOR GP-ENGINE

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

i02728510

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



GRAPHIC #1

<END>

g01353734

ELECTRICAL AND STARTING SYSTEM

274-7396 SENSOR GP - TEMPERATURE

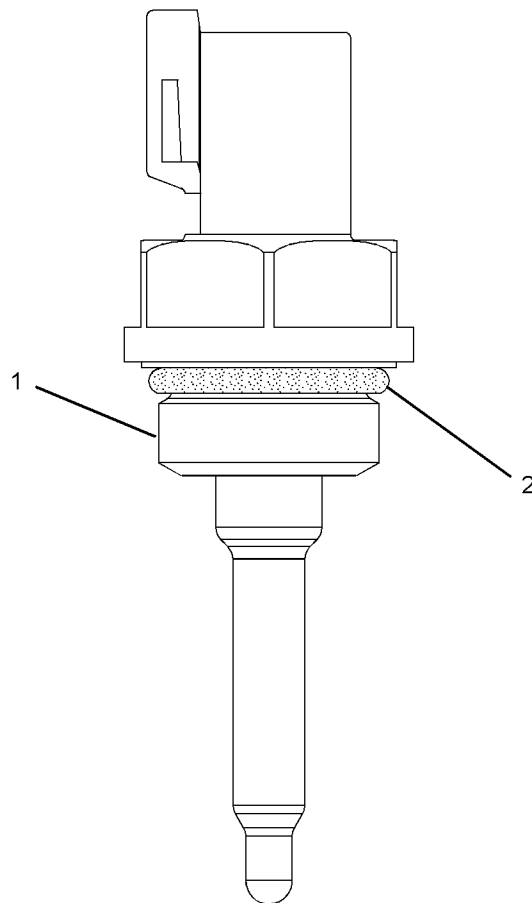
S/N: LHX1-UP

PART OF 231-1973 SENSOR GP-ENGINE

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

i02728506

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



GRAPHIC #1

<END>

g01353734

ELECTRICAL AND STARTING SYSTEM

187-6412 SERVICE GP- POWER TRAIN

S/N: ASX1-UP
FIELD INSTALLATION

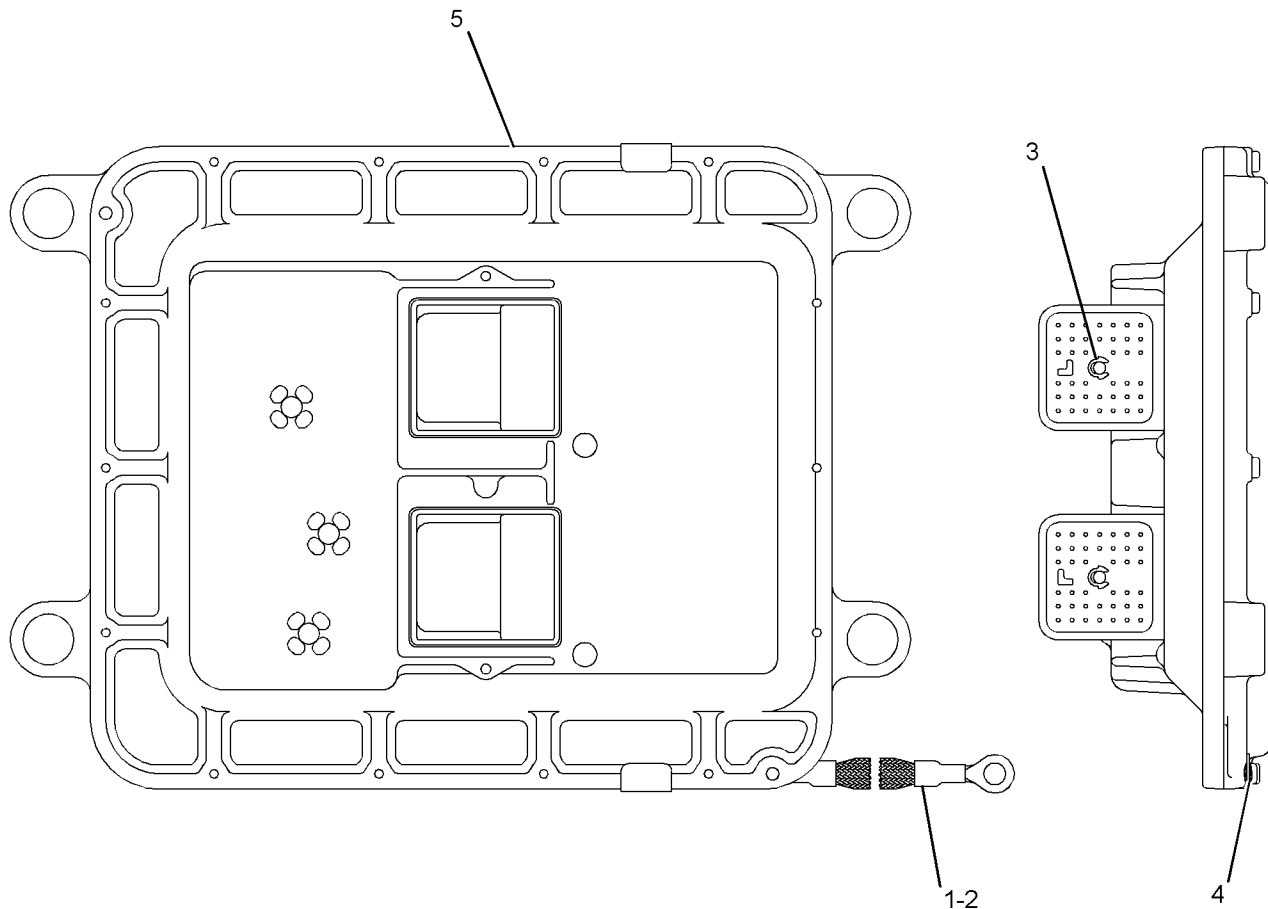
SMCS-4808, 7610

i02459589

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7X-6315	1	STRAP AS-GROUND						
	2	1	101-0852	1	SCREW-PAN HEAD (NO 8X3/8-IN)						
M	3	1	6V-6703	2	KIT-RETAINING BOLT						
					(EACH INCLUDES BOLT, RING, AND SEALS)						
	4	1	134-4126	1	WASHER (4.52X8.28X0.76-MM THK)						
	5	1	185-8099	1	SOFTWARE GP-POWER TRAIN						

M-METRIC PART

R-REMFG PART MAY BE AVAILABLE



GRAPHIC #1

<END>

g01227423

ELECTRICAL AND STARTING SYSTEM

251-2193 STARTING AID GP-ETHER

S/N: ASX1-167

PART OF 226-9594 CHASSIS AR

SMCS-1456

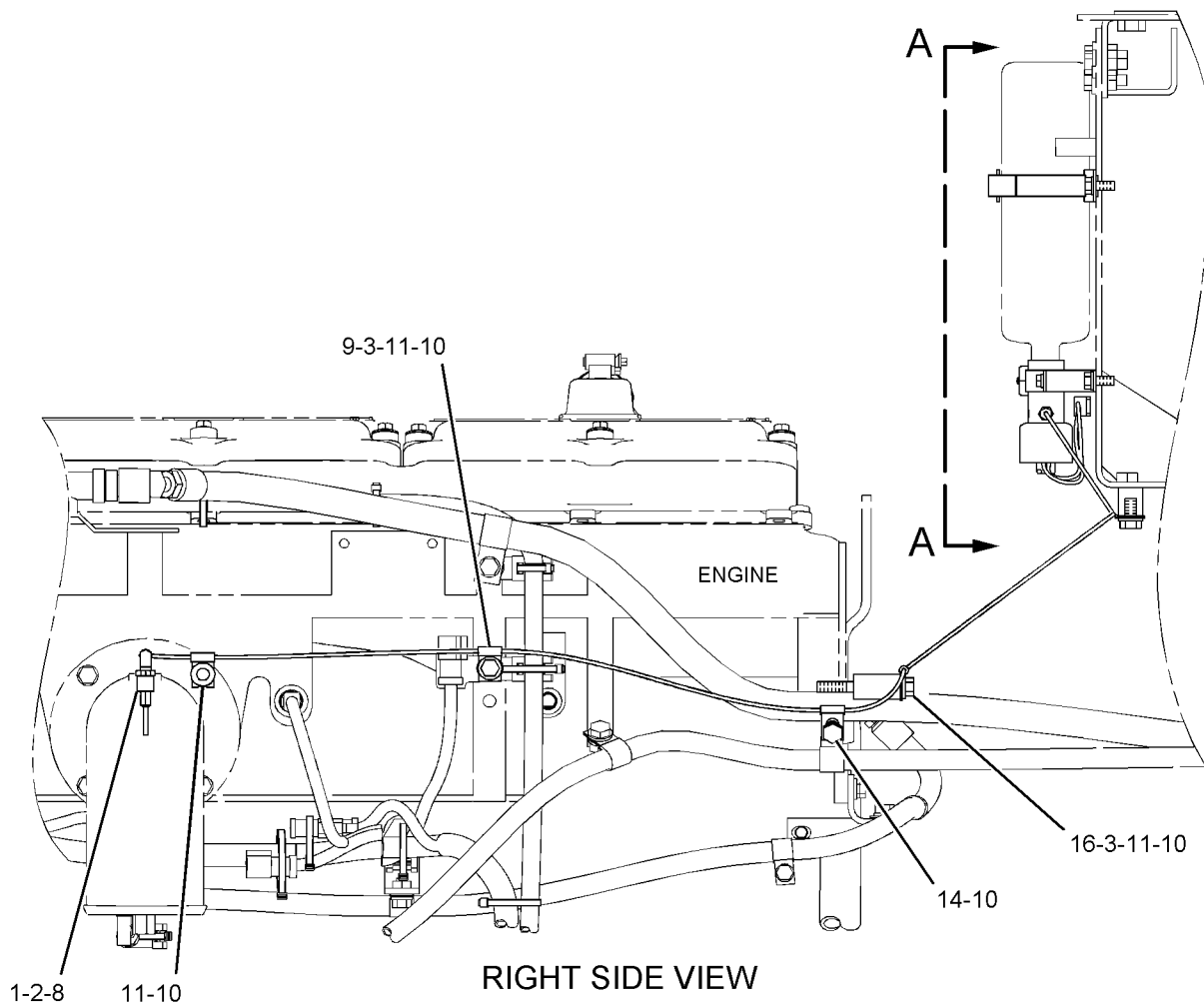
i02756815

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-6313	2	NUT (5/16-24-THD)						
	2	1	5P-6314	2	SLEEVE						
	3	1	6N-0508	2	SPACER (11.13X22.23X40.64-MM THK)						
	4	1	7N-2059	1	CLAMP AS						
	6	1	230-1434	1	FITTING AS						
Y	7	1	239-1134	1	VALVE GP-ETHER STARTING (24-VOLT)						307
	8	1	247-3774	1	ATOMIZER AS						
	9	1	4L-6459	1	BOLT (3/8-16X2.5-IN)						
	10	1	6V-2686	5	CLIP						
	11	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	12	1	8T-4137	1	BOLT (M10X1.5X20-MM)						
M	13	1	8T-4189	4	BOLT (M8X1.25X20-MM)						
M	14	1	8T-4195	1	BOLT (M10X1.5X30-MM)						
	15	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)						
	16	1	8T-7008	1	BOLT (3/8-16X3-IN)						
E	17	1	174-9169		TUBE (140-CM)						
A			7N-0296	1	CYLINDER AS-ETHER						
					(MUST BE PROCURED LOCALLY FROM YOUR CATERPILLAR DEALER)						
A-NOT PART OF THIS GROUP E-ORDER BY THE CENTIMETER M-METRIC PART Y-SEPARATE ILLUSTRATION											

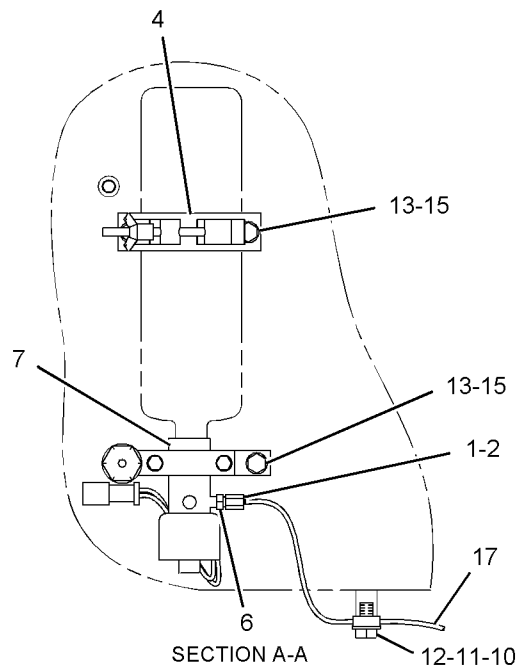
ELECTRICAL AND STARTING SYSTEM

251-2193 STARTING AID GP-ETHER (contd.)

i02756815



RIGHT SIDE VIEW



SECTION A-A

<END>

GRAPHIC #1

g01117022

ELECTRICAL AND STARTING SYSTEM

251-2193 STARTING AID GP-ETHER

S/N: ASX168-247

PART OF 226-9594 CHASSIS AR

SMCS-1456

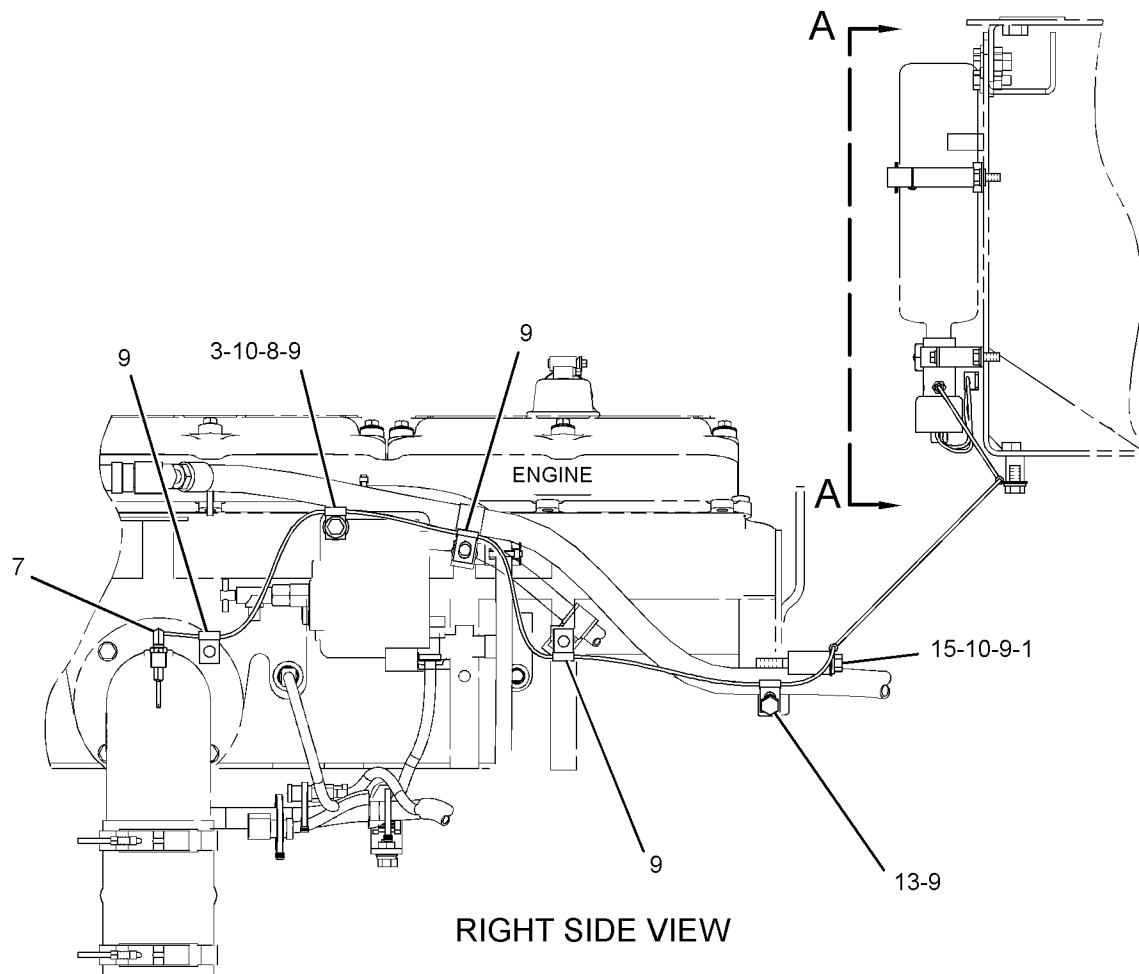
i02756814

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
C	1	1	6N-0508	1	SPACER (11.13X22.23X40.64-MM THK)	
	2	1	7N-2059	1	CLAMP AS	
C	3	1	163-5382	1	SPACER (10.5X25X0.25-MM THK)	
	5	1	230-1434	1	FITTING AS	
CY	6	1	239-1134	1	VALVE GP-ETHER STARTING (24-VOLT)	307
C	7	1	247-3774	1	ATOMIZER AS	
	8	1	5S-7383	1	BOLT (3/8-16X1.75-IN)	
	9	1	6V-2686	7	CLIP	
C	10	1	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)	
M	11	1	8T-4137	1	BOLT (M10X1.5X20-MM)	
M	12	1	8T-4189	4	BOLT (M8X1.25X20-MM)	
M	13	1	8T-4195	1	BOLT (M10X1.5X30-MM)	
	14	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)	
	15	1	8T-7008	1	BOLT (3/8-16X3-IN)	
CE	16	1	174-9169		TUBE (160-CM)	
A		1	7N-0296	1	CYLINDER AS-ETHER	
					(MUST BE PROCURED LOCALLY FROM YOUR CATERPILLAR DEALER)	
A- NOT PART OF THIS GROUP C- CHANGE FROM PREVIOUS TYPE E- ORDER BY THE CENTIMETER M- METRIC PART Y- SEPARATE ILLUSTRATION						

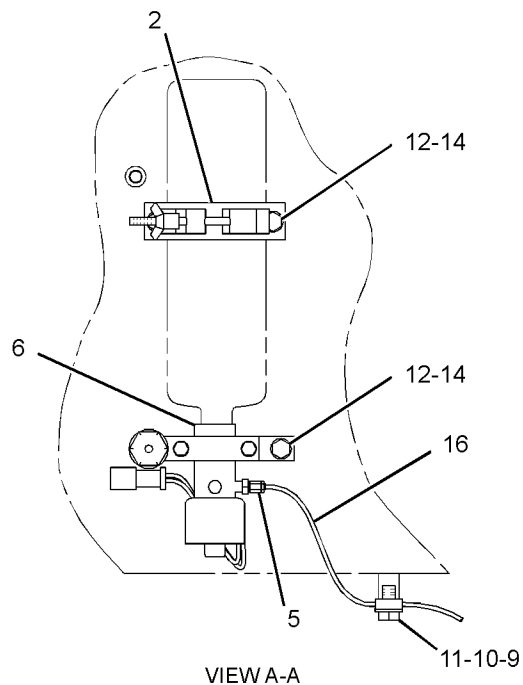
ELECTRICAL AND STARTING SYSTEM

251-2193 STARTING AID GP-ETHER (contd.)

i02756814



RIGHT SIDE VIEW



VIEW A-A

GRAPHIC #1

<END>

g01298127

ELECTRICAL AND STARTING SYSTEM

251-2193 STARTING AID GP-ETHER

S/N: ASX248-UP

PART OF 226-9594, 300-6281 CHASSIS AR

SMCS-1456

i02686111

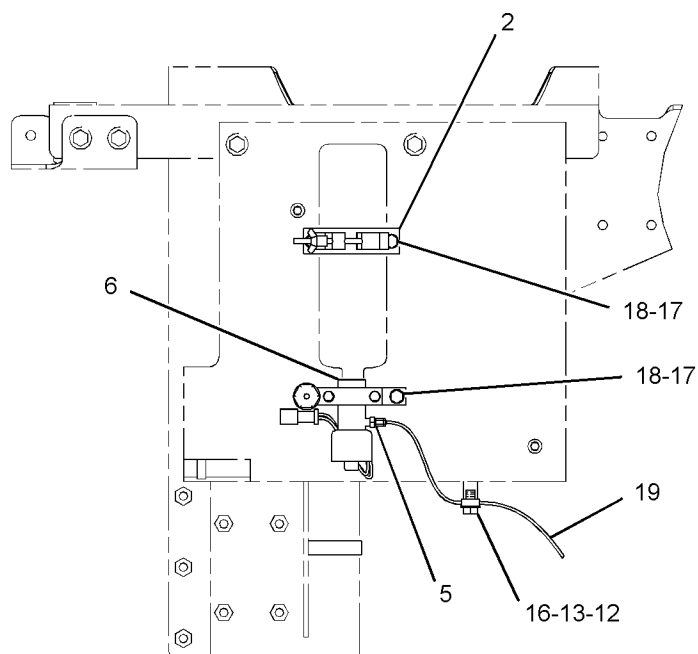
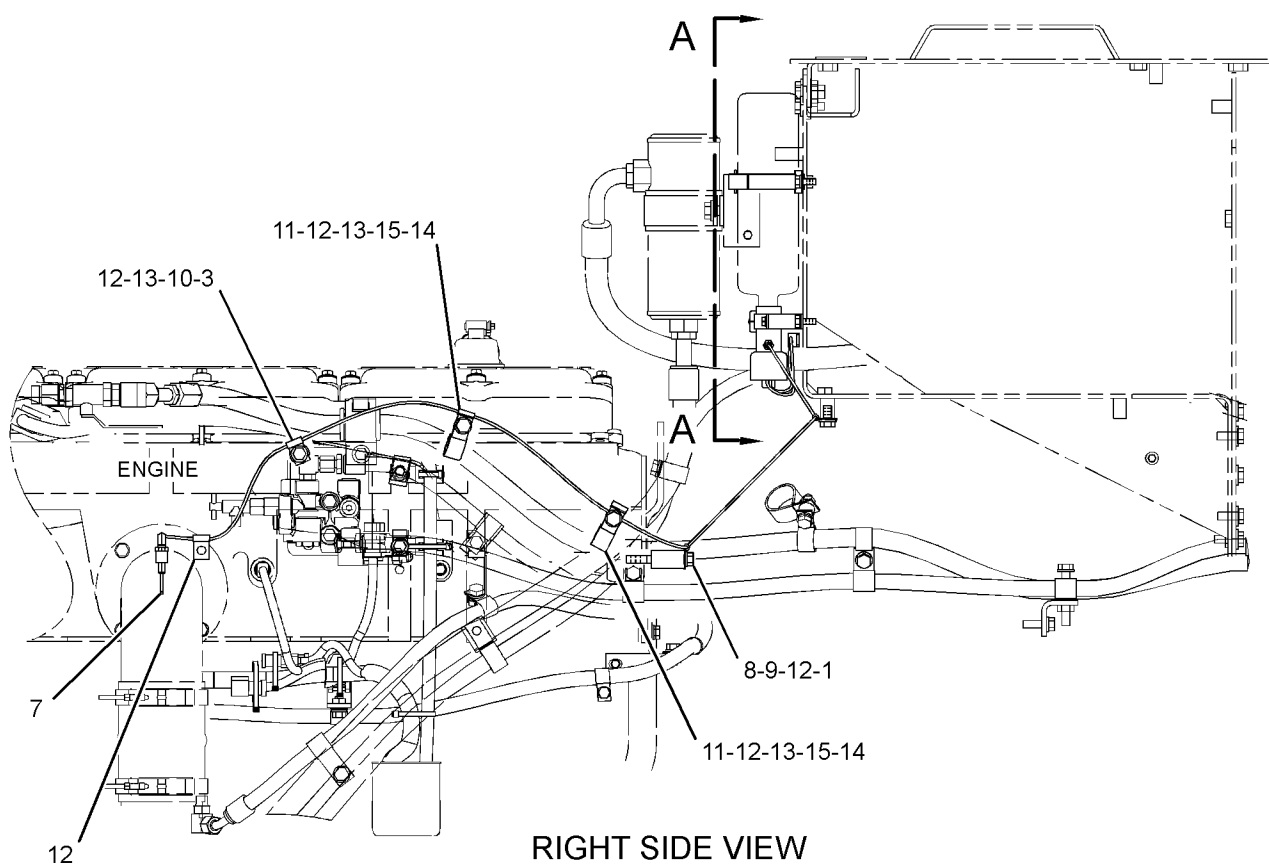
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	6N-0508	1	SPACER (11.13X22.23X40.64-MM THK)	
	2	1	7N-2059	1	CLAMP AS	
	3	1	163-5382	1	SPACER (10.5X25X0.25-MM THK)	
	5	1	230-1434	1	FITTING AS	
Y	6	1	239-1134	1	VALVE GP-ETHER STARTING (24-VOLT)	307
	7	1	247-3774	1	ATOMIZER AS	
C	8	1	0S-1619	1	BOLT (3/8-16X3-IN)	
C	9	1	5M-2894	1	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	10	1	5S-7383	1	BOLT (3/8-16X1.75-IN)	
C	11	1	6D-4244	2	CLIP	
C	12	1	6V-2686	6	CLIP	
C	13	1	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)	
CM	14	1	8T-4133	2	NUT (M10X1.5-THD)	
CM	15	1	8T-4136	2	BOLT (M10X1.5X25-MM)	
M	16	1	8T-4137	1	BOLT (M10X1.5X20-MM)	
M	17	1	8T-4189	4	BOLT (M8X1.25X20-MM)	
	18	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)	
E	19	1	174-9169		TUBE (160-CM)	
A		1	7N-0296	1	CYLINDER AS-ETHER	
					(MUST BE PROCURED LOCALLY FROM YOUR CATERPILLAR DEALER)	

A-NOT PART OF THIS GROUP
C-CHANGE FROM PREVIOUS TYPE
E-ORDER BY THE CENTIMETER
M-METRIC PART
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

251-2193 STARTING AID GP-ETHER (contd.)

i02686111



VIEW A-A

GRAPHIC #1

<END>

g01362137

ELECTRICAL AND STARTING SYSTEM

105-4729 STARTING MOTOR GP-ELECTRIC

S/N: ASX1-299

24-VOLT

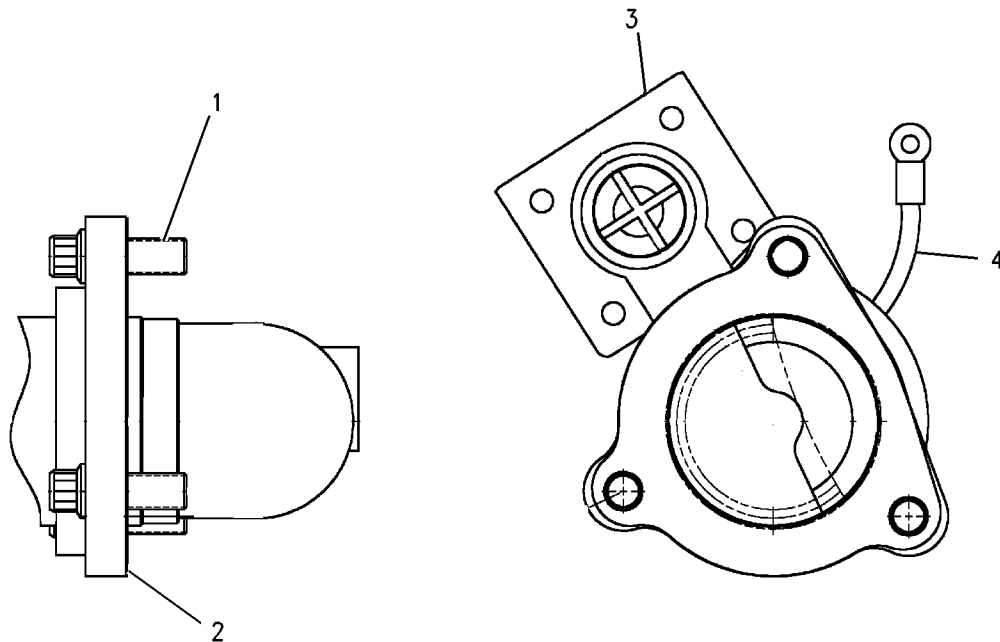
PART OF 226-9641 INSTALLATION AR-ENGINE

SMCS-1453

i02657097

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	8S-2332	3	BOLT-12 POINT HEAD (5/8-11X1.75-IN)	
	2	1	4N-1059	1	GASKET	
YR	3	1	237-1962	1	STARTING MOTOR GP-ELECTRIC (24-VOLT) (COLD WEATHER)	292
	4	1	105-4728	1	WIRE AS	

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00658745

ELECTRICAL AND STARTING SYSTEM

237-1962 STARTING MOTOR GP-ELECTRIC*R

S/N: ASX1-UP

24-VOLT

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

SMCS-1453

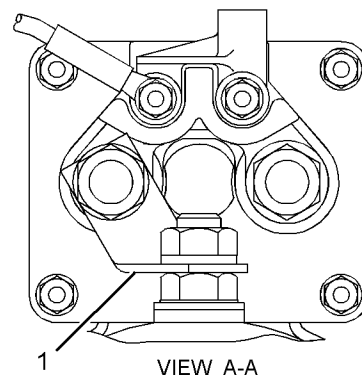
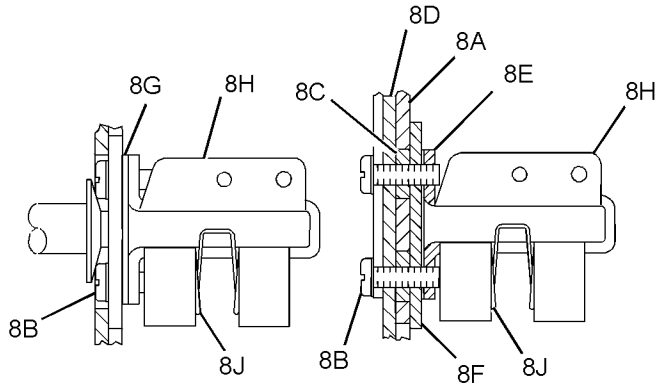
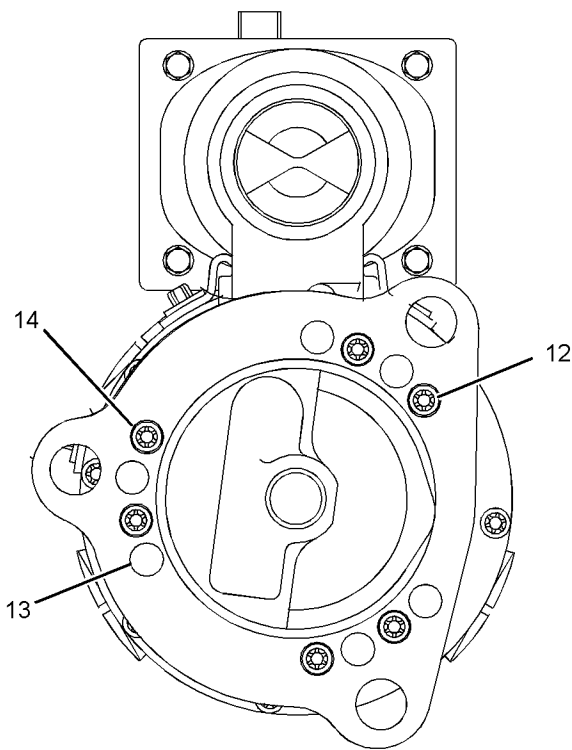
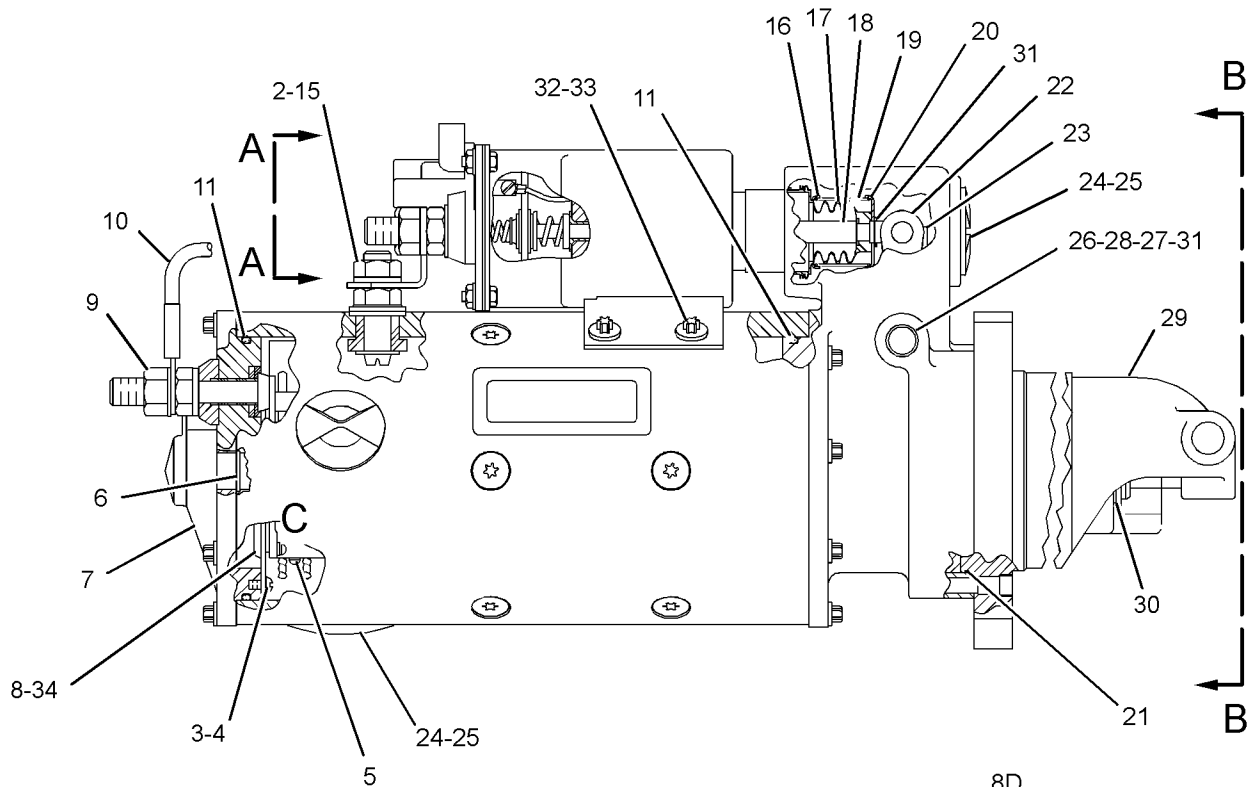
i02756825

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7M-0326	1	CONNECTOR						
	2	1	9H-3757	2	WASHER (0.516X1X0.094-IN THK)						
	3	1	1S-7446	3	SCREW-MACHINE (8-32X0.437-IN)						
	4	1	8C-9660	3	WASHER (4.6X7.9X0.8-MM THK)						
	5	1	9S-2544	9	SCREW-HEX HEAD (8-32X11.13-MM)						
	6	1	7M-0327	1	WASHER-THRUST (17.4X25.4X1.6-MM THK)						
	7	1	3T-3418	1	FRAME AS-END						
		1	3T-3423	1	CUP						
		1	3T-3424	1	PLUG-FELT						
		1	9G-4101	1	BUSHING-END						
	8	1	3T-9525	1	PLATE AS-BRUSH						
	8A	1	6T-0371	1	INSULATOR						
	8B	1	5P-6298	12	SCREW-MACHINE (10-32X0.5-IN)						
		1	9F-5599	12	LOCKWASHER						
	8C	1	7F-3525	6	WASHER-BUSHING (0.207X0.39X0.09-IN THK)						
	8D	1	6T-0372	1	PLATE						
	8E	1	3T-4709	3	PLATE						
	8F	1	2L-6679	3	PLATE-INSULATOR						
	8G	1	3T-4710	3	PLATE						
	8H	1	6T-0363	6	HOLDER AS-BRUSH (STARTING MOTOR)						
					(EACH INCLUDES)						
	8J	1	3T-9494	1	SPRING						
	9	1	7F-3491	2	WASHER (0.516X1X0.094-IN THK)						
	10	1	3T-3422	1	WIRE AS						
	11	1	2J-8163	2	SEAL-O-RING						
	12	1	7X-3373	1	BOLT (5/16-18X0.88-IN)						
	13	1	3T-3434	6	PLUG						
	14	1	5J-5314	5	BOLT (5/16-18X1.5-IN)						
	15	1	3L-3380	1	BUSHING-TERMINAL						
	16	1	036-9821	1	WASHER						
	17	1	4M-1828	1	RETAINER-SPRING						
	18	1	4M-1829	1	BOOT-RUBBER						
	19	1	9M-7609	1	SPRING (SHIFT LEVER)						
	20	1	4M-1827	1	RETAINER-SPRING						
	21	1	8C-3089	1	SEAL-O-RING						
	22	1	4M-1853	1	LEVER AS-SHIFT						
	23	1	5M-3034	1	LOCKNUT (5/16-24-THD)						
	24	1	7L-2894	4	GASKET						
	25	1	4M-1831	4	PLUG-LEVER HOUSING						
	26	1	4M-1854	1	SHAFT-LEVER						
	27	1	1H-1023	1	SEAL-O-RING						
	28	1	2D-6392	1	SEAL-O-RING						
	29	1	7T-3974	1	HOUSING AS-DRIVE						
	30	1	6N-3826	1	DRIVE AS-MOTOR						
	31	1	2H-3429	2	RING-RETAINING						
	32	1	6V-1322	4	BOLT (1/4-20X0.375-IN)						
	33	1	8T-4205	4	WASHER-HARD (7.2X14.5X2-MM THK)						
	34	1	6N-3279	1	INSULATOR						

ELECTRICAL AND STARTING SYSTEM

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

i02756825



GRAPHIC #1

<END>

g01235007

ELECTRICAL AND STARTING SYSTEM

265-9091 STARTING MOTOR GP-ELECTRIC

S/N: ASX300-UP

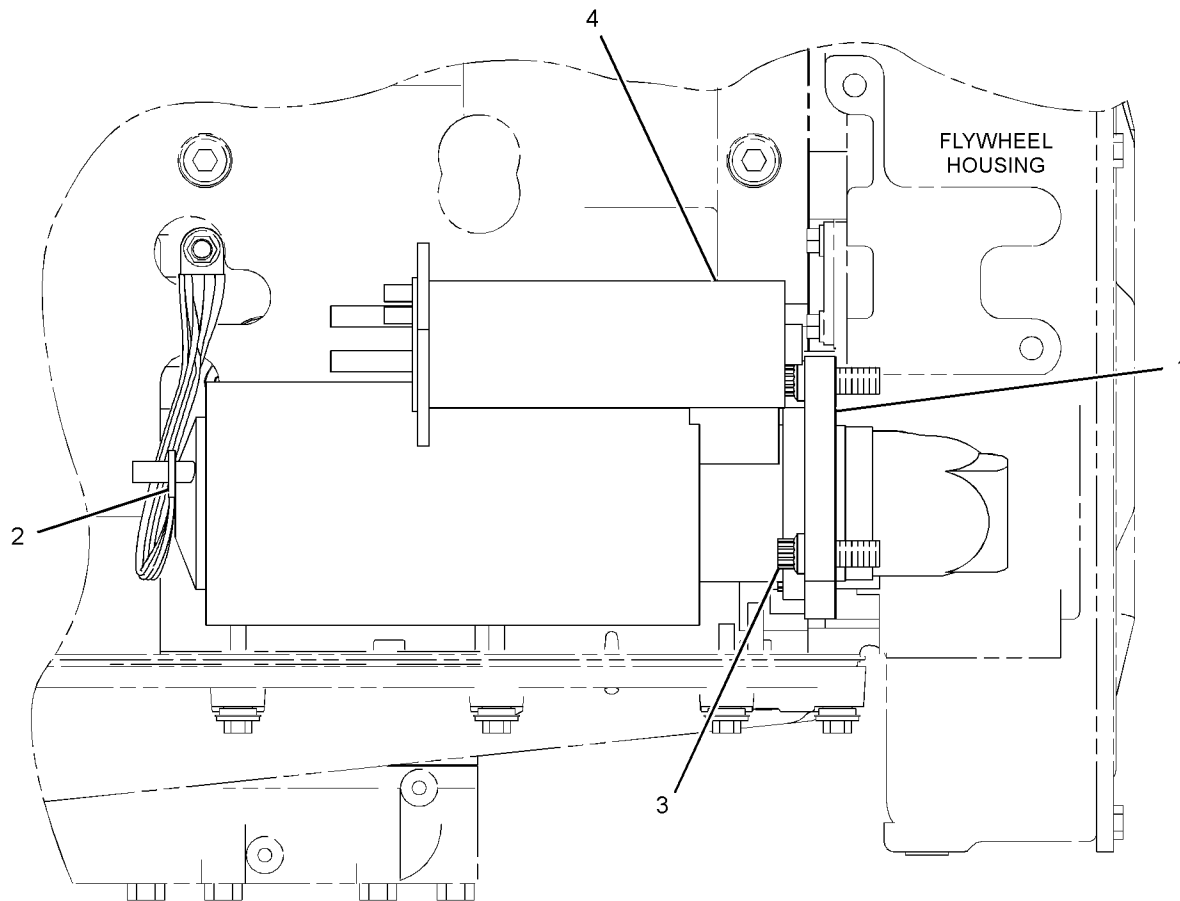
PART OF 226-9641 INSTALLATION AR-ENGINE

SMCS-1453

i02712070

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4N-1059	1	GASKET						
	2	1	306-8156	1	STRAP AS-GROUND						
	3	1	8S-2332	3	BOLT-12 POINT HEAD (5/8-11X1.75-IN)						
YR	4	1	237-1962	1	STARTING MOTOR GP-ELECTRIC (24-VOLT)						292

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION



LEFT SIDE VIEW OF ENGINE

<END>

GRAPHIC #1

g01364955

ELECTRICAL AND STARTING SYSTEM

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

S/N: ASX1-UP

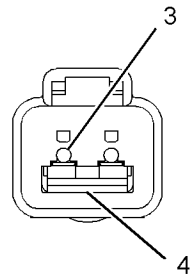
PART OF 227-4424 WIRING GP-CHASSIS, 285-7337 WIRING GP-MACHINE

SMCS-1408, 1435

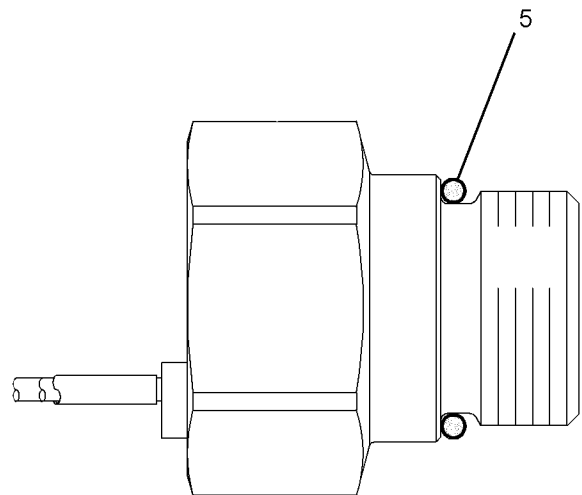
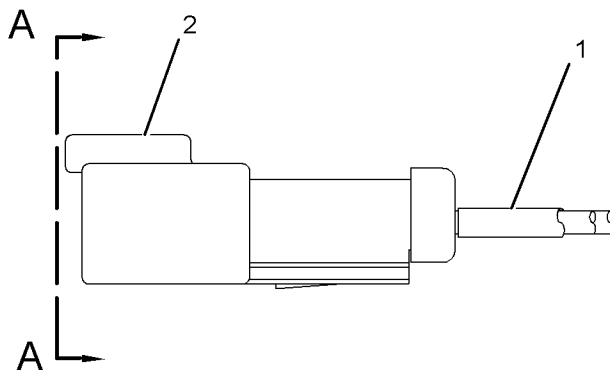
i02680533

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

E-ORDER BY THE CENTIMETER



VIEW
A-A



GRAPHIC #1

<END>

g01346436

ELECTRICAL AND STARTING SYSTEM

7N-0718 SWITCH GP-DISCONNECT-BATTERY

S/N: ASX1-UP

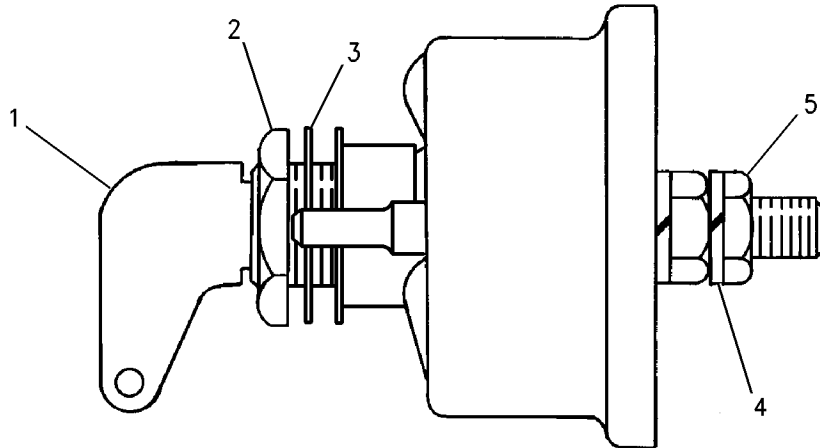
12-VOLT

PART OF 263-2084, 285-7332 BATTERY & WIRING GP

SMCS-1411

i02459121

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



GRAPHIC #1

<END>

g00715584

ELECTRICAL AND STARTING SYSTEM

125 - 1302 SWITCH GP - MAGNETIC-START RELAY

S/N: ASX1-UP

24-VOLT

PART OF 263-4874, 285-7340 WIRING GP - RELAY PANEL

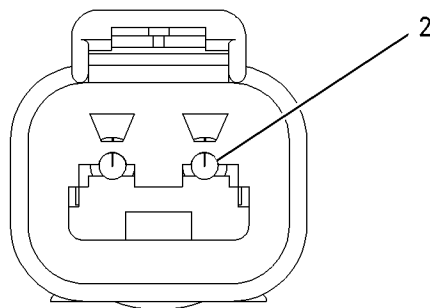
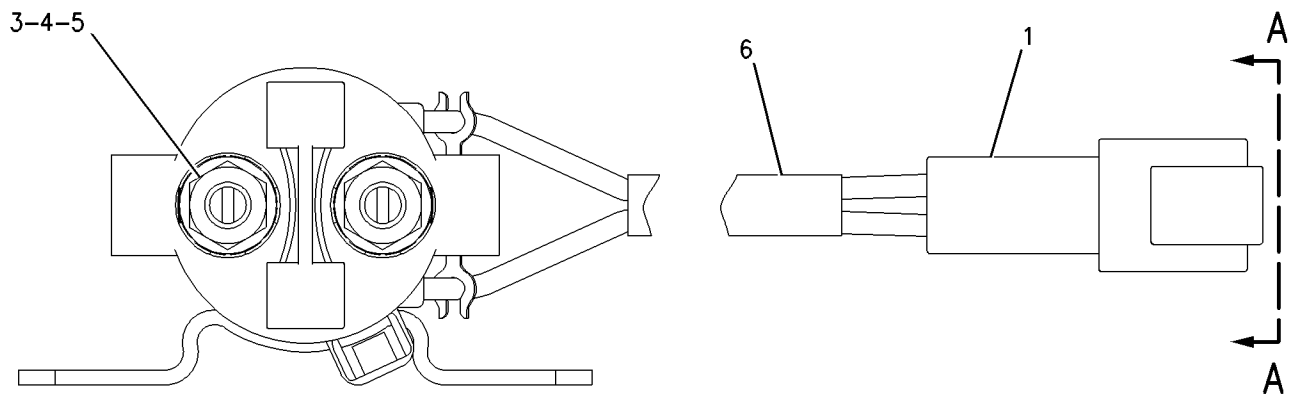
SMCS-7499

i02415548

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						
	4	1	012-0380	2	LOCKWASHER						
M	5	1	5C-2890	2	NUT (M6X1-THD)						
E	6	1	9X-1813		SLEEVE (16-CM)						

E-ORDER BY THE CENTIMETER

M-METRIC PART



VIEW A-A

GRAPHIC #1

<END>

g00988001

ELECTRICAL AND STARTING SYSTEM

241 - 8368 SWITCH GP - MAGNETIC—MAIN RELAY

S/N: ASX1-UP

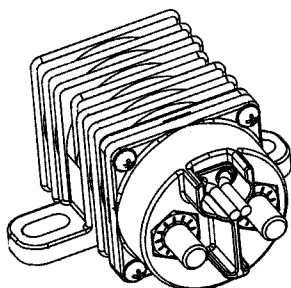
24-VOLT

PART OF 263-4874, 285-7340 WIRING GP - RELAY PANEL

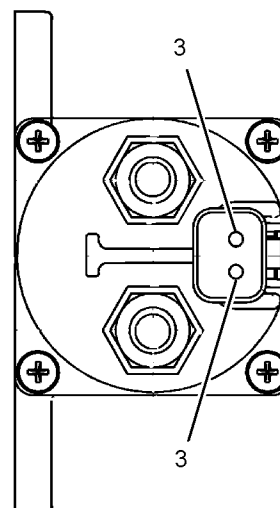
SMCS-7499

i02325242

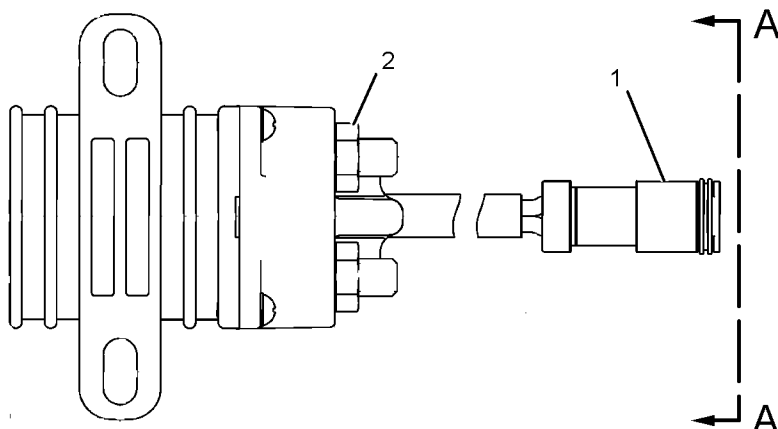
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
					(INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
	2	1	4F-2294	2	NUT -JAM (5/16-24-THD)						
	3	1	186-3736	2	SOCKET-CONNECTOR (16-GA TO 18-GA)						



ISOMETRIC VIEW



VIEW A-A



GRAPHIC #1

<END>

g01077362

ELECTRICAL AND STARTING SYSTEM

258-0883 SWITCH GP-PRESSURE-FUEL

S/N: LHX1-3849

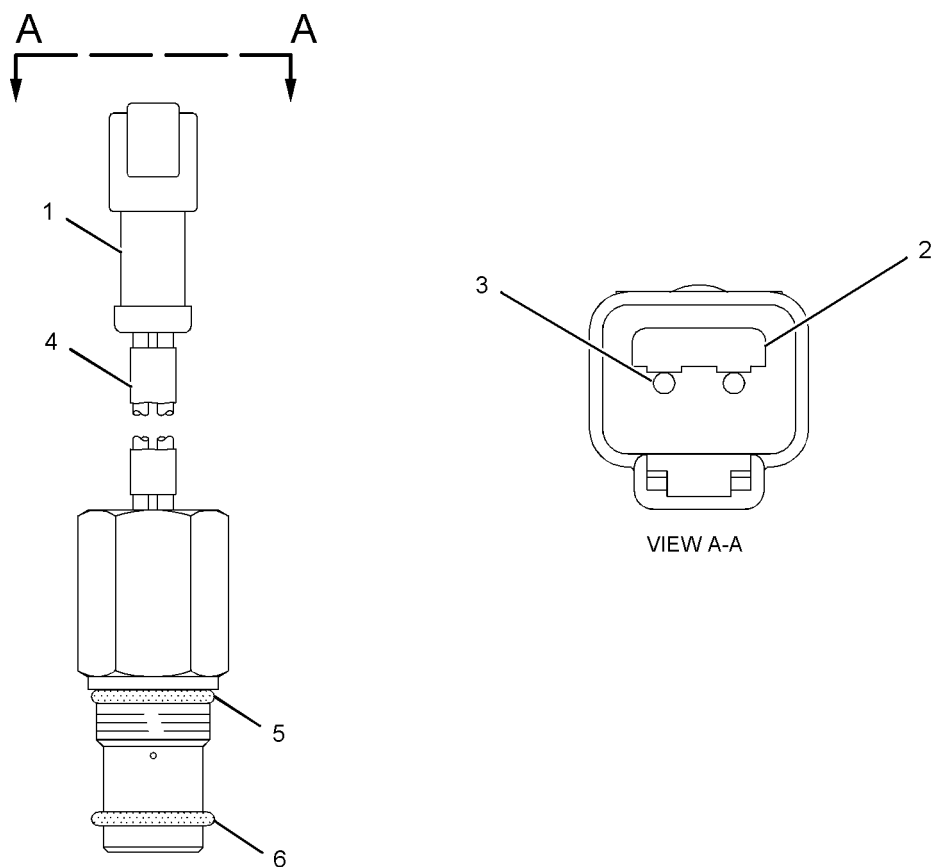
PART OF 225-0994 FILTER & MTG GP-FUEL

SMCS-1435

i02657100

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	3E-3365	1	WEDGE-RECEPTACLE LOCK (2-PIN)	
	3	1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)	
E	4	1	9X-1813		SLEEVE (14-CM)	
	5	1	6V-4589	1	SEAL-O-RING	
	6	1	7L-9061	1	SEAL-O-RING	

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g01072091

ELECTRICAL AND STARTING SYSTEM

275 - 1253 SWITCH GP - PRESSURE

S/N: LHX3850-UP

AMPSEAL CONNECTOR

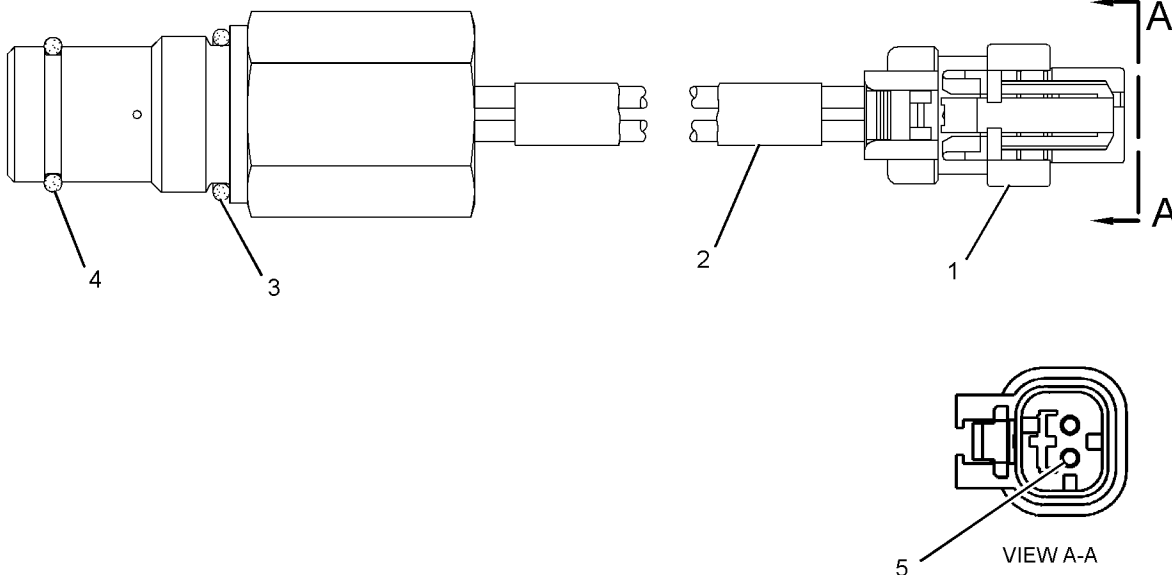
PART OF 225-0994 FILTER & MTG GP - FUEL

SMCS-1435

i02434808

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	230-4011	1	PLUG AS-CONNECTOR (2-PIN)						
E	2	1	9X-1813		SLEEVE (14-CM)						
	3	1	6V-4589	1	SEAL-O-RING						
	4	1	7L-9061	1	SEAL-O-RING						
	5	1	144-1636	2	PIN-CONNECTOR (14-GA TO 18-GA)						

E - ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g01238534

ELECTRICAL AND STARTING SYSTEM

177-2373 SWITCH GP-ROCKER-TRANSMISSION DIRECTION

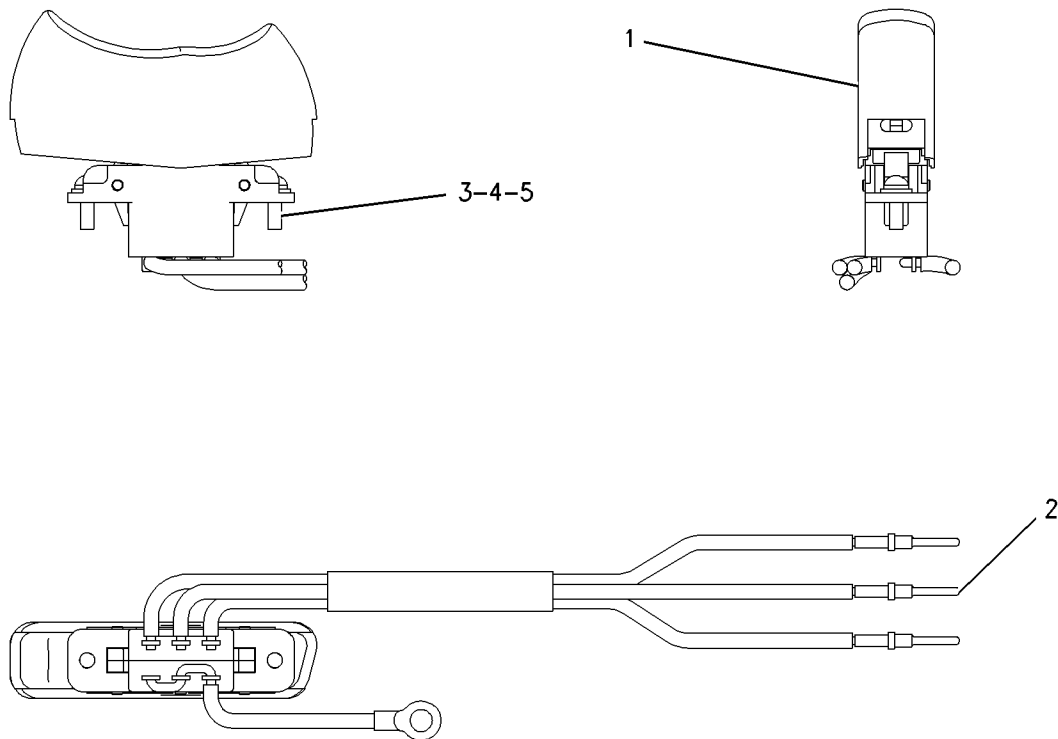
S/N: ASX1-UP

PART OF 251-9350 SWITCH GP-TRANSMISSION

SMCS-7332

i01548854

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	105-8029	1	ACTUATOR						
	2	1	8T-8729	3	PIN-CONNECTOR						
	3	1	9X-8917	2	SCREW-MACHINE						
	4	1	5S-4246	2	LOCKWASHER						
	5	1	096-5962	2	WASHER-HARD (3.4X7X0.8MM THK)						



GRAPHIC #1

<END>

g00805404

ELECTRICAL AND STARTING SYSTEM

201-0609 SWITCH GP-SIGNAL

S/N: ASX1-UP

PART OF 190-3626 LIGHTING AR-FLOOD & SIGNAL
AN ATTACHMENT

SMCS-7332

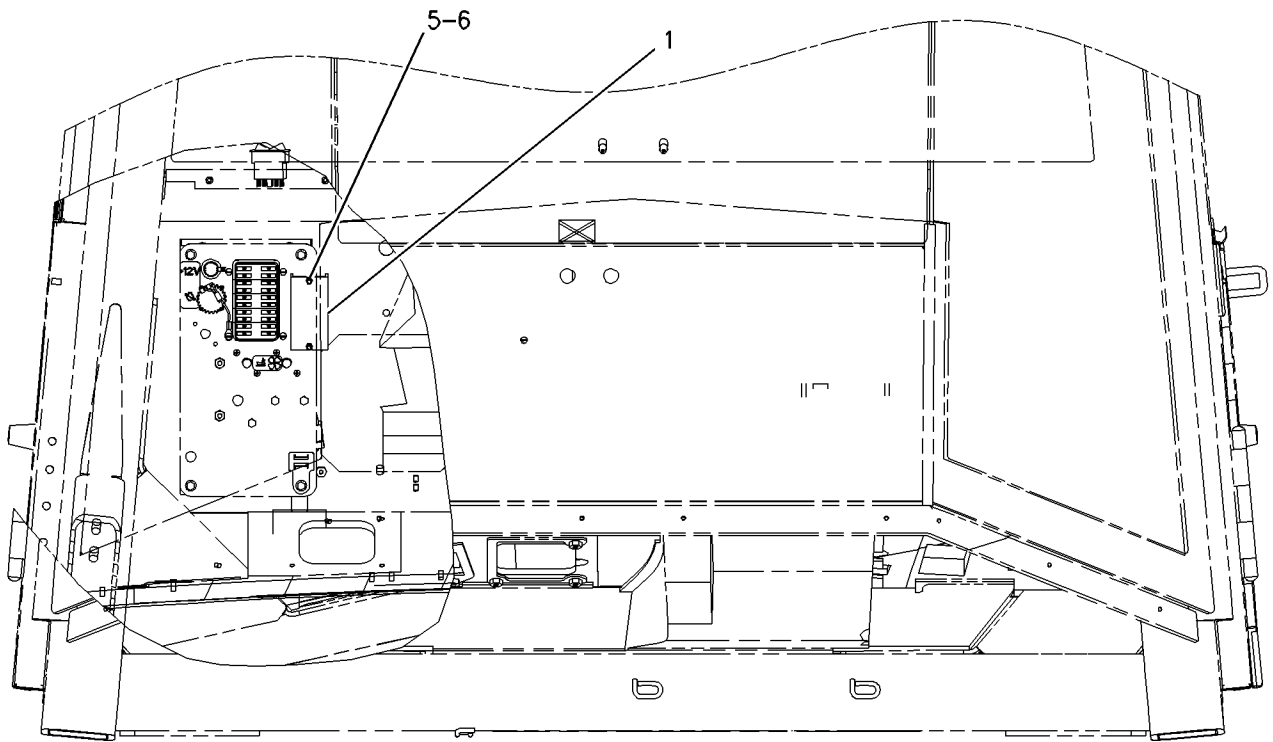
i01966671

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	108-0358	1	FLASHER AS (24-VOLT)	
	2	1	163-1884	2	LAMP (24-VOLT)	
	3	1	219-9536	1	SWITCH AS-ROCKER (HAZARD WARNING LIGHTS) (HAZARD WARNING LIGHTS)	
	4	1	223-8979	1	SWITCH AS-ROCKER (TURN SIGNAL)	
M	5	1	5C-2874	2	NUT (M5X0.8 THD)	
M	6	1	8T-0326	2	BOLT (M5X0.5X25-MM)	
M-METRIC PART						

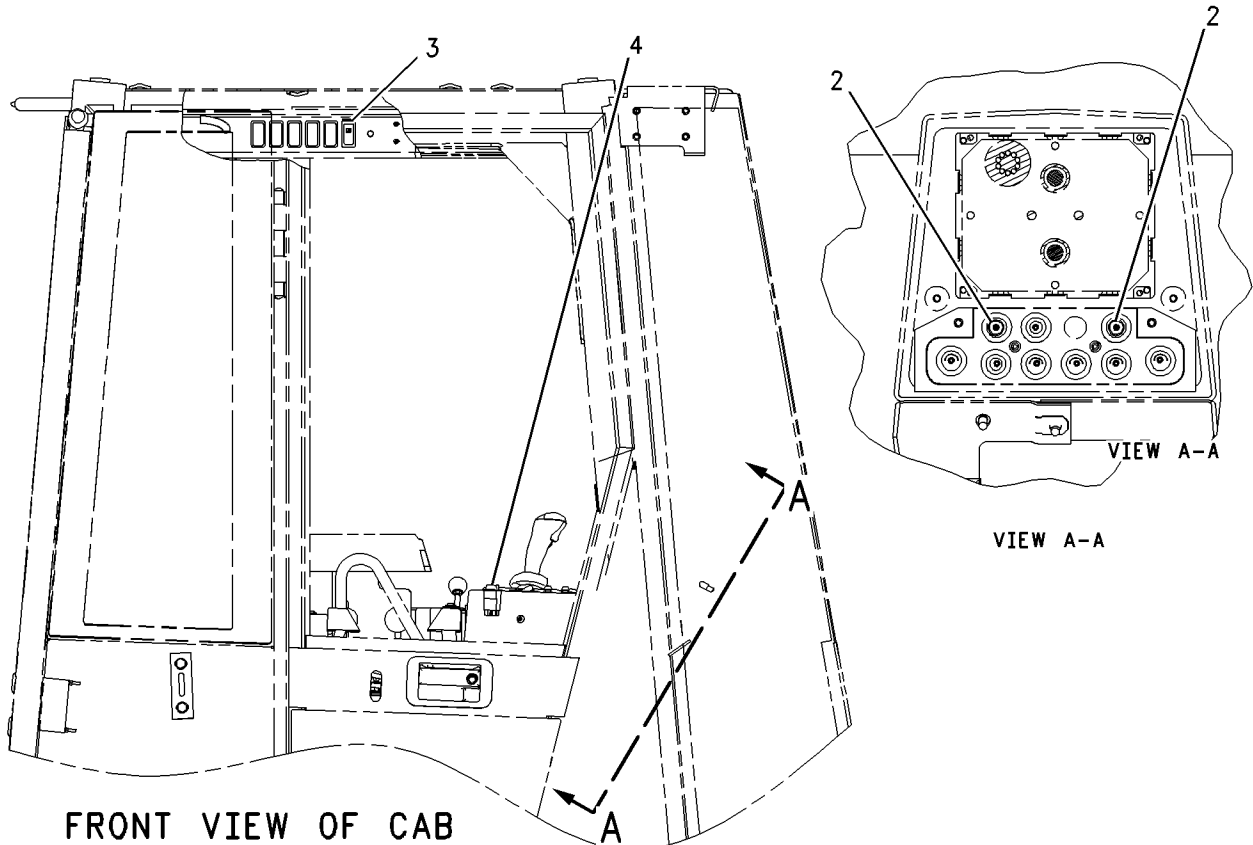
ELECTRICAL AND STARTING SYSTEM

201-0609 SWITCH GP-SIGNAL (contd.)

i01966671



RIGHT SIDE VIEW OF CAB



FRONT VIEW OF CAB

GRAPHIC #1

<END>

g00855300

ELECTRICAL AND STARTING SYSTEM

165-5970 SWITCH GP-TOGGLE-FUEL PRIMING PUMP

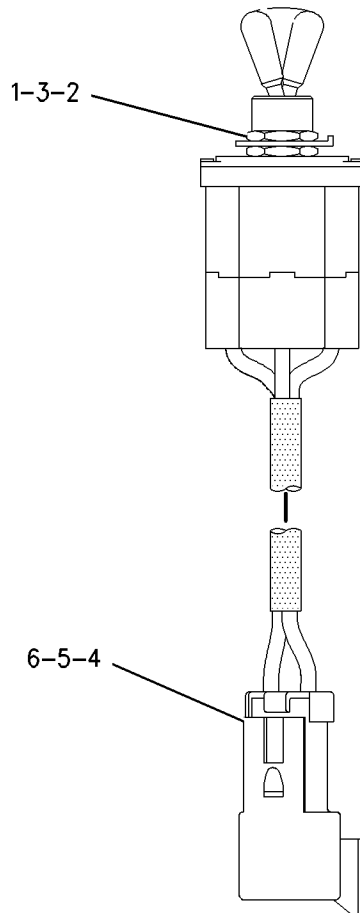
S/N: LHX1-UP

PART OF 225-0994 FILTER & MTG GP-FUEL

SMCS-7332

i02612568

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6T-3631	2	NUT-HEX (15/32-32-THD)						
	2	1	6T-3632	1	LOCKWASHER						
	3	1	6T-3633	1	RING-LOCKING						
	4	1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	5	1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)						
	6	1	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)						



GRAPHIC #1

<END>

g00749466

ELECTRICAL AND STARTING SYSTEM

251-9350 SWITCH GP - TRANSMISSION

S/N: ASX1-UP

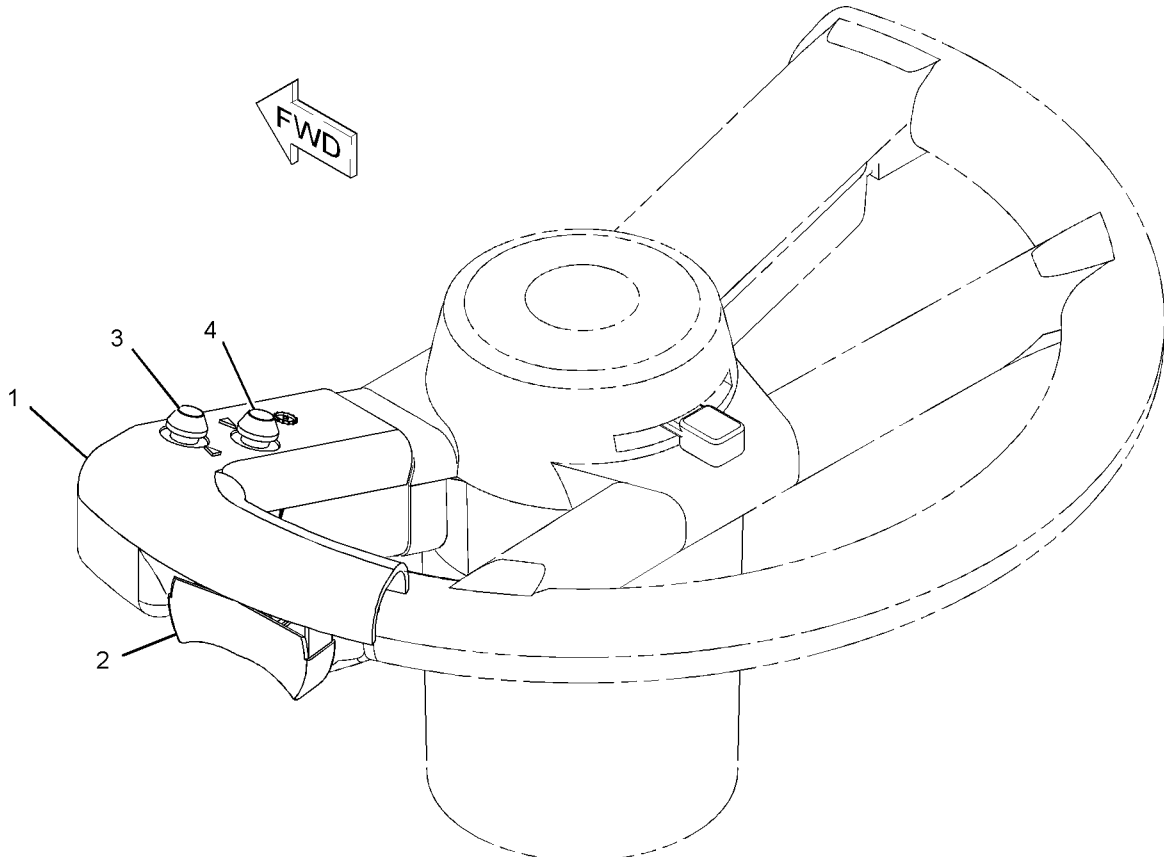
PART OF 123-7406 STEERING WHEEL GP

SMCS-1611, 3065, 7332

i02172506

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	146-0209	1	HOUSING						
Y	2	1	177-2373	1	SWITCH GP-ROCKER (TRANSMISSION DIRECTION)						301
	3	1	251-9553	1	SWITCH AS-PUSH BUTTON (TRANSMISSION UPSHIFT)						
	4	1	251-9554	1	SWITCH AS-PUSH BUTTON (TRANSMISSION DOWNSHIFT)						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01101880

ELECTRICAL AND STARTING SYSTEM

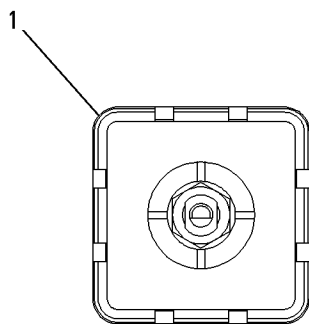
180-3732 SWITCH GP-WIPER-INTERMITTENT

S/N: ASX1-UP
AN ATTACHMENT

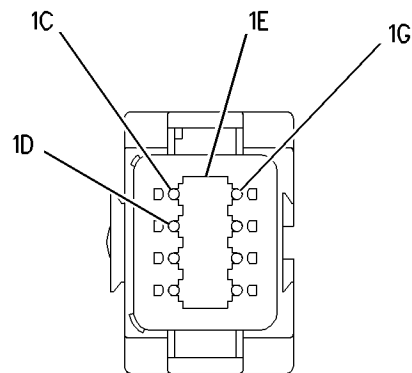
SMCS-7332

i02279279

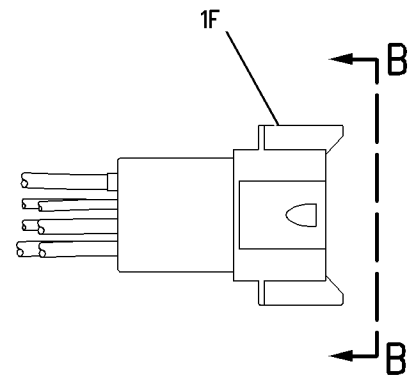
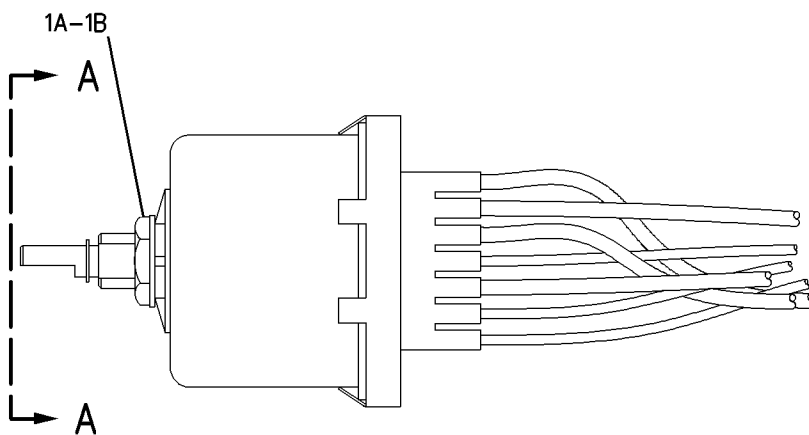
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	110-7886	1	SWITCH AS-WIPER (24-VOLT) (INTERMITTENT)						
	1A	1	2H-3920	1	LOCKWASHER						
	1B	1	3E-3389	1	WEDGE-RECEPTACLE LOCK						
	1C	1	6V-8369	1	NUT (7/16-28-THD)						
	1D	1	8T-8729	3	PIN-CONNECTOR						
	1E	1	8T-8737	1	PLUG-SEAL						
	1F	1	9W-0852	4	PIN-CONNECTOR (14-GA)						
	1G	1	102-8806	1	KIT-RECEPTACLE (8-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						



VIEW A-A



VIEW B-B



GRAPHIC #1

<END>

g00656684

ELECTRICAL AND STARTING SYSTEM

239 - 1134 VALVE GP-ETHER STARTING

S/N: ASX1-UP

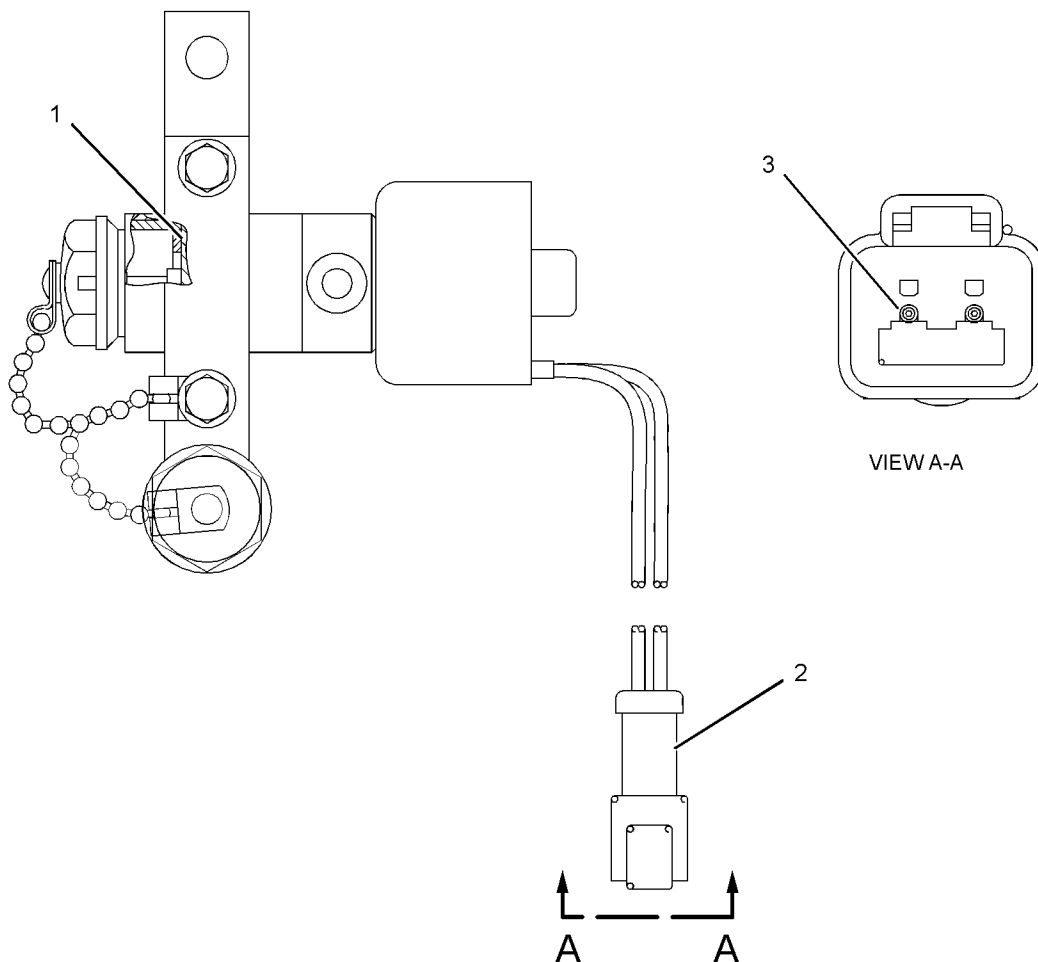
24-VOLT

PART OF 251-2193 STARTING AID GP-ETHER

SMCS-1456

i02743318

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



GRAPHIC #1

<END>

g01375620

ELECTRICAL AND STARTING SYSTEM

227-4417 WARNING GP - BACKUP

S/N: ASX1-UP

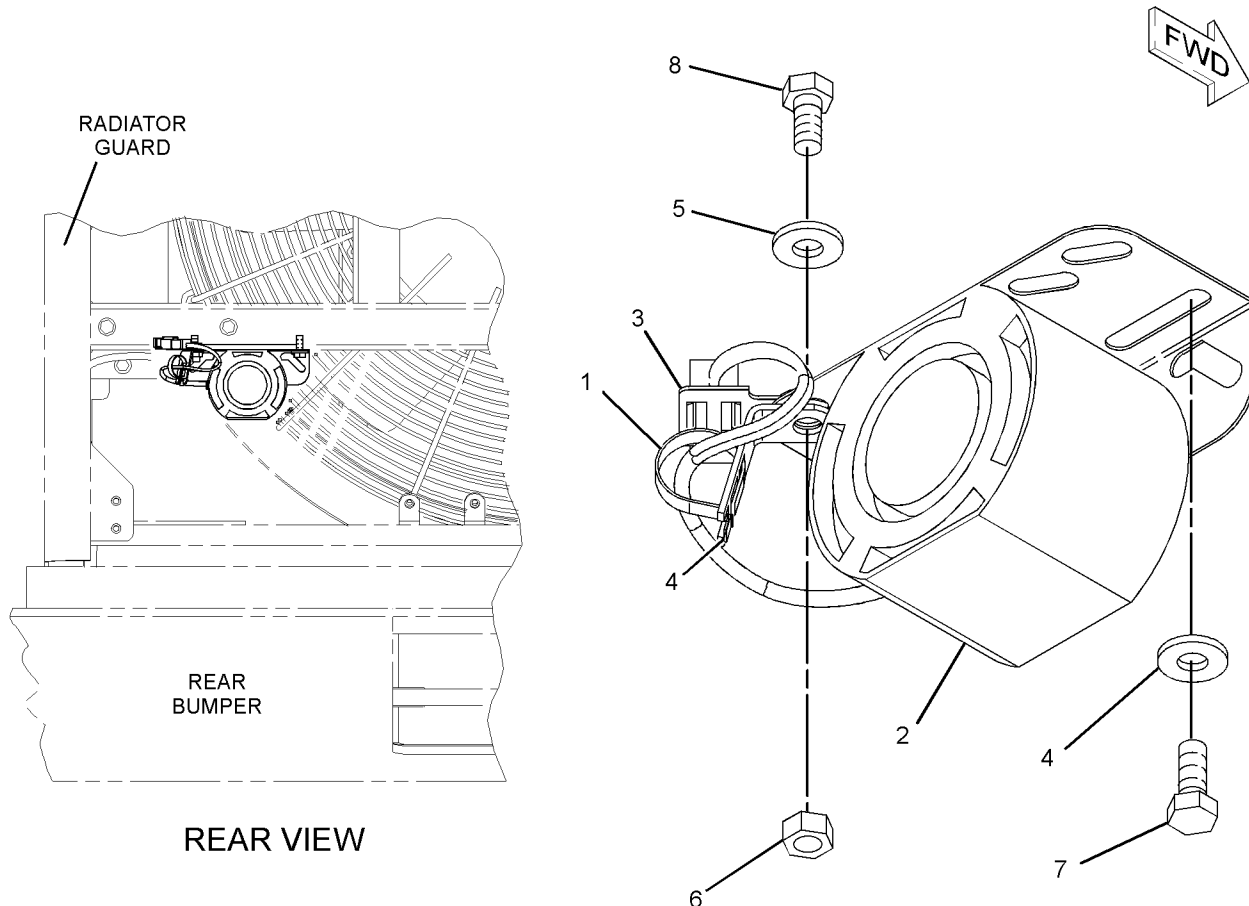
PART OF 226-9616, 285-7324 ELECTRICAL AR

SMCS-7406

i02686107

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-6772	1	STRAP - CABLE						
	2	1	213-9100	1	ALARM AS (BACKUP)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)						
E		1	5P-5623		WIRE-ELECTRICAL (16-GA, BLACK) (0.8-M)						
E		1	9X-1813		SLEEVE (31-CM)						
	3	1	130-5300	1	CLIP						
	4	1	132-5789	1	CLIP						
	5	1	7X-7729	4	WASHER (11X25X3-MM THK)						
M	6	1	8T-4133	1	NUT (M10X1.5-THD)						
M	7	1	8T-4136	2	BOLT (M10X1.5X25-MM)						
M	8	1	8T-4137	1	BOLT (M10X1.5X20-MM)						

E-ORDER BY THE CENTIMETER
M-METRIC PART



GRAPHIC #1

<END>

g01353538

ELECTRICAL AND STARTING SYSTEM

235 - 1051 WIRING GP - CAB

S/N: ASX1-221

PART OF 229-5015 CAB AR

SMCS-1408, 7301

i02759307

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	5	2H-3920	1	LOCKWASHER	
	2	5	3E-0109	6	PLUG (ROCKER SWITCH) (SPARE)	
	3	3	3E-5239	1	RELAY AS (24-VOLT) (HORN)	
	3A	3	3E-5239	1	RELAY AS (24-VOLT) (FRONT CAB FLOODLIGHTS)	
	3B	3	3E-5239	1	RELAY AS (24-VOLT) (REAR FLOODLIGHTS)	
Y	4	3	3E-6328	1	ALARM GP (24-VOLT) (ACTION)	193
Y	5	5	3E-6389	2	LAMP GP-DOME (24-VOLT)	235
	6	1	3S-2093	5	STRAP-CABLE	
	7	3	4V-4164	8	BUSHING-TERMINAL	
	8	3	5P-7958	1	SLEEVE-CABLE SPLICE	
	9	2	6I-1418	8	SPACER (8.2X12.7X28.7-MM THK)	
	10	5	6V-8369	1	NUT (7/16-28-THD)	
	11	2	6Y-6584	1	STRAP AS-GROUND	
	12	1,2,3,4,5	7K-1181	37	STRAP-CABLE	
	13	3	8C-6354	1	CAP-RECEPTACLE	
	14	2	8T-9655	16	MOUNT-ISOLATION	
	15	3	9F-8125	8	LOCKWASHER	
	16	3	9W-1441	4	FUSE (15-AMPERE)	
	17	3	9W-1442	28	FUSE (10-AMPERE)	
	18	3	098-8968	8	WASHER (5X16X1.2-MM THK)	
Y	19	3	103-5526	1	CONTROL GP-MONITOR (DIMMER)	798
	20	5	108-3320	1	SWITCH AS-ROTARY (24-VOLT) (RUNNING LIGHTS)	
	21	4	110-2079	1	LAMP (24-VOLT) (TACHOMETER PANEL)	
	21A	4	110-2079	1	LAMP (24-VOLT) (SPEDOMETER PANEL)	
	21B	4	110-2079	1	LAMP (24-VOLT) (QUAD GAGE PANEL)	
	21C	4	110-2079	1	LAMP (24-VOLT) (QUAD GAGE PANEL)	
	21D	5	110-2079	2	LAMP (24-VOLT) (TEMPERATURE SELECTION)	
	22	5	110-6109	5	KNOB-CONTROL (CONTROL PANEL SWITCHES)	
	23	5	110-7886	1	SWITCH AS-WIPER (24-VOLT) (FRONT INTERMITTENT)	
		5	8T-8729	4	PIN-CONNECTOR	
		5	3E-3389	1	WEDGE-RECEPTACLE LOCK	
		5	102-8806	1	KIT-RECEPTACLE (8-PIN) (INCLUDES RECEPTACLE AND WEDGE)	
	24	4	110-7887	1	SWITCH GP-START (KEY)	
		4	8T-8729	4	PIN-CONNECTOR	
		4	3E-3377	1	WEDGE-RECEPTACLE LOCK (4-PIN)	
		4	102-8804	1	KIT-RECEPTACLE (4-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
	25	5	112-6174	1	SWITCH AS-ROTARY (24-VOLT) (REAR WIPER)	
	26	3	117-2311	1	RECEPTACLE AS-POWER (12-VOLT) (AUXILIARY)	
	27	5	123-6383	1	SWITCH AS-ROTARY (AUTOSHIFT CONTROL)	
	28	5	127-4540	1	POTENTIOMETER AS (TEMPERATURE SELECT)	
	29	3	128-6157	1	PLATE	
	30	5	163-1876	1	LAMP (24-VOLT) (MASTER ACTION)	
	31	5	163-1878	1	LAMP (24-VOLT) (DECELERATOR ENABLE INDICATOR)	
	31A	5	163-1878	1	LAMP (24-VOLT) (THROTTLE LOCK INDICATOR)	
	31B	5	163-1878	1	LAMP (24-VOLT) (LOCKUP CLUTCH)	
	31C	5	163-1878	1	LAMP (24-VOLT) (AUTO BLADE PITCH ANGLE)	
Y	32	4	166-6928	1	MODULE GP-QUAD GAUGE	838
YR	33	2	172-9389	1	CONTROL GP-UNPROGRAMMED (POWER TRAIN)	214
YR	34	2	172-9391	1	CONTROL GP-UNPROGRAMMED (IMPLEMENT)	215
	35	1	174-3016	1	PLUG AS-CONNECTOR (3-PIN)	
	36	4	178-8583	1	MODULE GP-SPEEDOMETER & TACH	
		4	3E-3383	1	WEDGE-RECEPTACLE LOCK (6-PIN)	
		4	8T-8729	6	PIN-CONNECTOR	

ELECTRICAL AND STARTING SYSTEM

235-1051 WIRING GP-CAB (contd.)

i02759307

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		4	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
	37	3	179-9392	1	LANYARD						
	38	5	198-6570	1	LIGHTER GP-CIGAR (12-VOLT)						
		5	198-6571	1	ELEMENT AS						
Y	39	4	154-7443	1	CONTROL GP-UNPRGMD MONITOR (CATERPILLAR MONITORING SYSTEM)						804
	40	5	209-0381	1	CONVERTER-POWER (24-VOLT TO 12-VOLT)						
	41	5	219-9533	1	SWITCH AS-ROCKER (HYDRAULIC LOCKOUT)						
	42	1	237-9597	1	HARNESS AS-CAB (MAIN)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
		1	102-8806	1	KIT-RECEPTACLE (8-PIN)						
		1	197-7565	1	KIT-RECEPTACLE (4-PIN)						
					(EACH KIT INCLUDES RECEPTACLE AS AND WEDGE)						
		1	110-6846	1	PLUG AS-CONNECTOR (40-PIN)						
		1	3T-3410	1	RECEPTACLE AS-CONNECTOR (37-PIN)						
		1	8N-1513	1	RECEPTACLE AS-CONNECTOR (37-PIN)						
		1	8N-1517	1	RECEPTACLE AS-CONNECTOR (25-PIN)						
		1	9W-1951	1	RECEPTACLE-CONNECTOR (9-PIN)						
		1	9X-0141	1	PLUG AS-CONNECTOR (40-PIN)						
		1	9X-1054	3	PLUG AS-CONNECTOR (4-PIN)						
		1	9X-7146	1	PLUG AS-CONNECTOR (24-PIN)						
		1	110-6848	2	PLUG AS-CONNECTOR (40-PIN)						
		1	113-0580	1	RECEPTACLE AS-CONNECTOR (40-PIN)						
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
		1	155-2265	1	KIT-CONNECTING PLUG (8-PIN)						
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
		1	155-2271	1	KIT-CONNECTING PLUG (4-PIN)						
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)						
					(EACH KIT INCLUDES PLUG AS AND WEDGE)						
43		1	238-1798	1	HARNESS AS-LIGHTING (FRONT CAB FLOODLIGHTS)						
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
					(INCLUDES PLUG AS AND WEDGE)						
44		1	240-0602	1	HARNESS AS-WIRING (CAT DATA LINK)						
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)						
					(EACH KIT INCLUDES RECEPTACLE AS AND WEDGE)						
45	5		241-4855	1	SWITCH AS-ROCKER (ABP KICKOUT SET)						
46	5		241-4856	1	SWITCH AS-ROCKER (ABP ENABLE)						
47	5		244-1674	1	HARNESS AS-WORK TOOL						
	5		110-6845	1	PLUG AS-CONNECTOR (40-PIN)						
	5		155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
	5		155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
	5		155-2271	1	KIT-CONNECTING PLUG (4-PIN)						
	5		180-0050	2	KIT-CONNECTING PLUG (4-PIN)						
					(EACH KIT INCLUDES PLUG AS AND WEDGE)						
	5		8T-8737	17	PLUG-SEAL						
	5		102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
48	4		264-7680	1	HARNESS AS-PANEL (INSTRUMENT)						
	4		155-2274	3	KIT-CONNECTING PLUG (6-PIN)						
	4		155-2271	1	KIT-CONNECTING PLUG (4-PIN)						
	4		155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
					(EACH KIT INCLUDES PLUG AS AND WEDGE)						
	4		8T-9834	1	PLUG AS-CONNECTOR (40-PIN)						
	4		3E-4367	1	RING-RETAINING						
M	4		3E-8557	1	BOLT (M5X0.8X39.37-MM)						
	4		9X-3132	2	SEAL-CONNECTOR (40-PIN)						

ELECTRICAL AND STARTING SYSTEM

235-1051 WIRING GP-CAB (contd.)

i02759307

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		4	8T-8737	43	PLUG-SEAL						
		4	9X-7145	1	RECEPTACLE AS-CONNECTOR (24-PIN)						
		4	9X-1343	1	RECEPTACLE AS-CONNECTOR (40-PIN)						
	49	3	096-6166	4	WASHER-HARD (4.5X9X1-MM THK)						
M	50	2	099-3649	8	BOLT (M8X1.25X40-MM)						
	51	4	134-3988	1	CLIP						
	52	5	219-9521	1	SWITCH AS-ROCKER (AIR CONDITIONER, HEATER)						
	53	5	219-9523	1	SWITCH AS-ROCKER (FAN BLOWER SPEED)						
	54	4	223-8980	1	SWITCH AS-ROCKER (OPERATOR MODE SELECT)						
	55	4	223-8982	1	SWITCH AS-ROCKER (THROTTLE LOCK ENABLE)						
	56	5	223-8983	1	SWITCH AS-ROCKER (DECELERATOR ENABLE)						
	57	3	3S-9557	4	SCREW-PAN HEAD (4-40X0.5-IN)						
	58	3	4B-2041	4	NUT (6-32-THD)						
	59	3	4B-2049	8	NUT (10-32-THD)						
	60	4	4P-7581	2	CLIP						
	61	3	4P-8134	3	CLIP						
M	62	3	5C-9553	3	BOLT (M6X1X16-MM)						
	63	3	6D-6146	4	SCREW-MACHINE (10-32X1.25-IN)						
	64	3	6T-3643	1	CIRCUIT BREAKER AS (15-AMPERE) (A/C, HEATER CONTROL)						
		3	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)						
		3	9B-7233	2	LOCKWASHER						
	64A	3	6T-3643	1	CIRCUIT BREAKER AS (15-AMPERE) (SEAT BREAKER)						
		3	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)						
		3	9B-7233	2	LOCKWASHER						
	64B	3	6T-3643	1	CIRCUIT BREAKER AS (15-AMPERE) (AIR CONDITIONER)						
		3	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)						
		3	9B-7233	2	LOCKWASHER						
	65	4	6V-2687	12	SCREW-PAN HEAD (10-24X1-IN)						
	66	3	6V-5645	4	SCREW-MACHINE (10-32X0.87-IN)						
	67	5	7C-4354	1	CLIP						
M	68	3	7X-2534	2	BOLT (M6X1X50-MM)						
	69	3,5	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
M	70	3	8T-4137	2	BOLT (M10X1.5X20-MM)						
	71	2,4	8T-4223	3	WASHER-HARD (13.5X25.5X3-MM THK)						
	72	5	8T-4224	1	WASHER-HARD (8.8X16X2-MM THK)						
M	73	2,4	8T-4244	3	NUT (M12X1.75-THD)						
M	74	1,5	8T-6869	1	BOLT (M8X1.25X60-MM)						
	75	3	9M-5870	4	GROMMET						
	76	2	9N-0869	8	WASHER-HARD (8.8X25.5X2-MM THK)						
	77	5	9W-1991	1	SPACER (10.7X17.1X40-MM THK)						
M	78	4	9X-1046	18	SCREW (M4X0.7X18-MM)						
	79	3	9X-6477	4	SCREW-MACHINE (6-32X0.375-IN)						
	80	3	9X-8256	5	WASHER (6.6X12X2-MM THK)						
	81	3	9X-8486	6	SCREW-MACHINE (8-32X0.75-IN)						

M-METRIC PART

R-REMFG PART MAY BE AVAILABLE

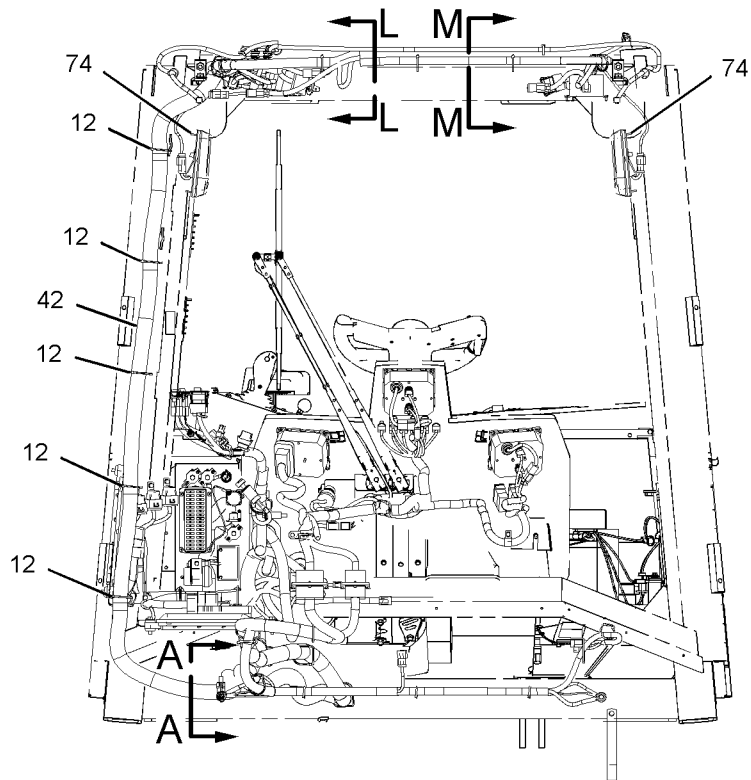
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ELECTRICAL AND STARTING SYSTEM

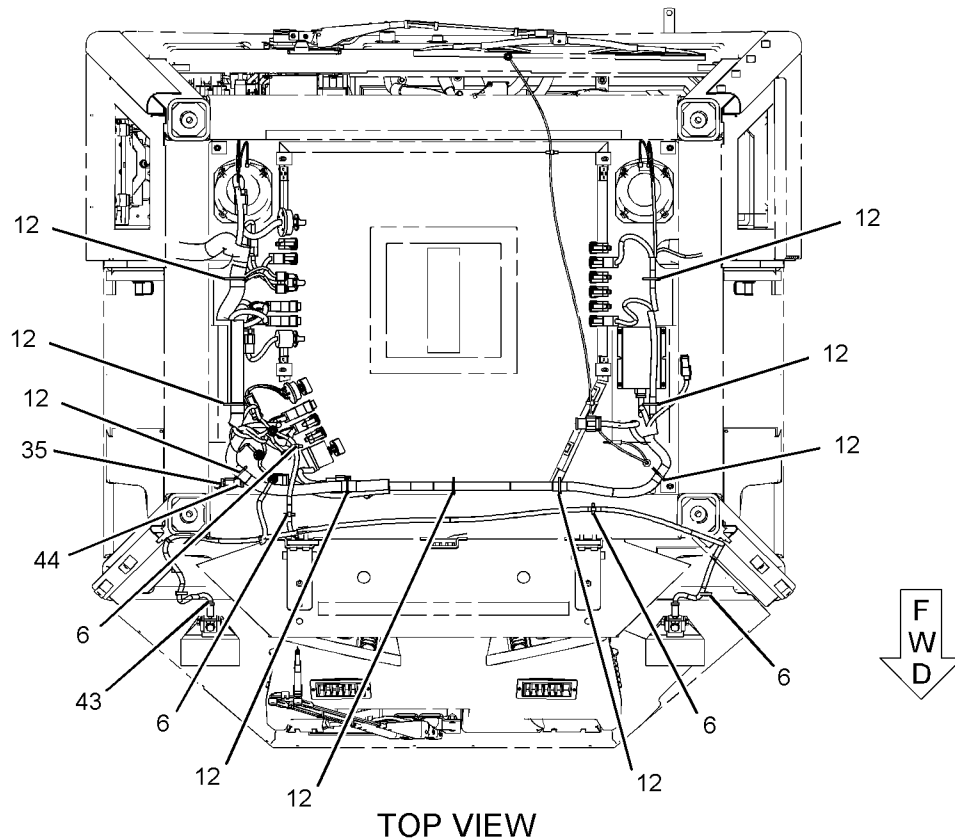
235 - 1051 WIRING GP - CAB (contd.)

i02759307

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



FRONT VIEW



TOP VIEW

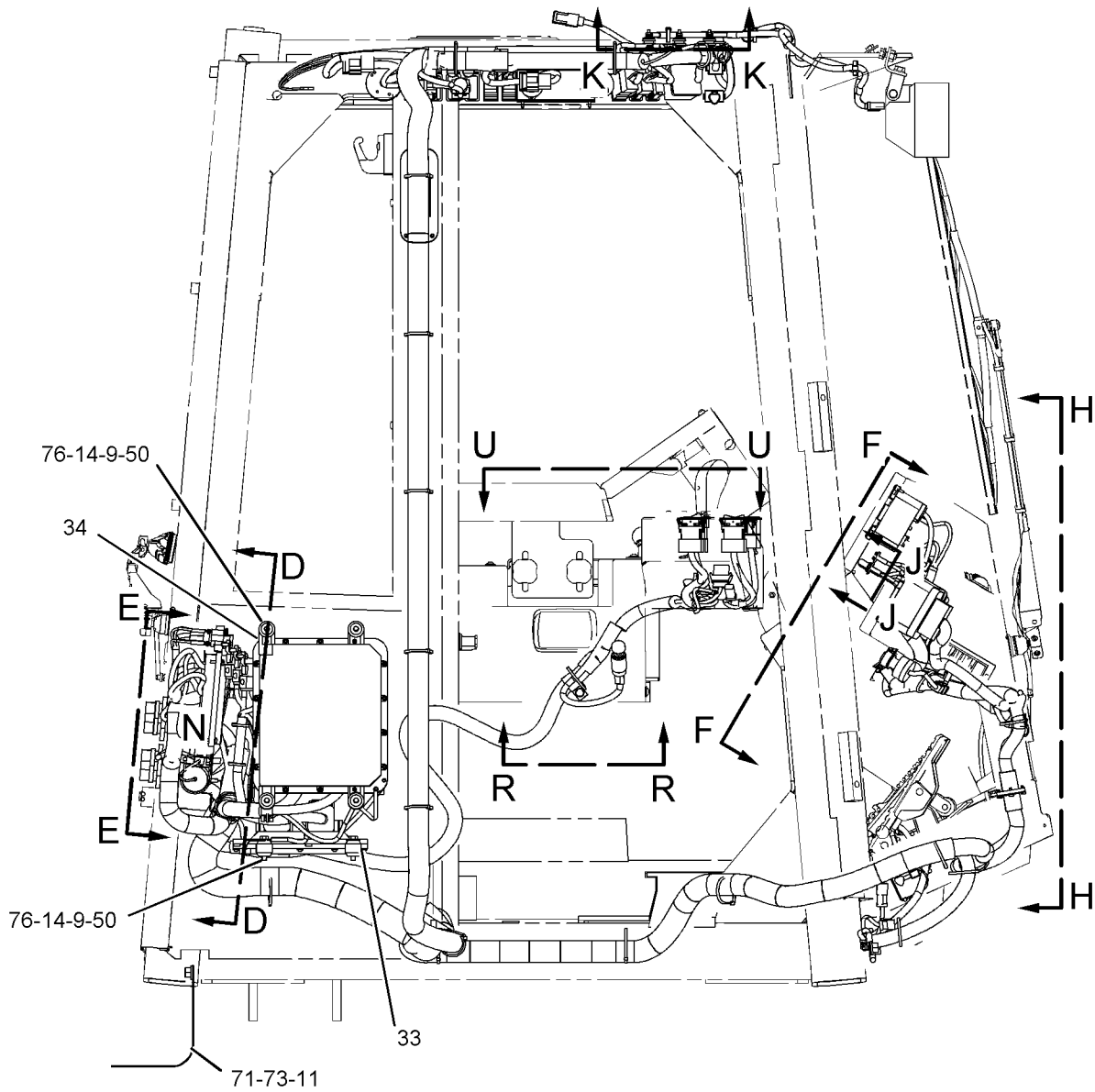
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g01130598

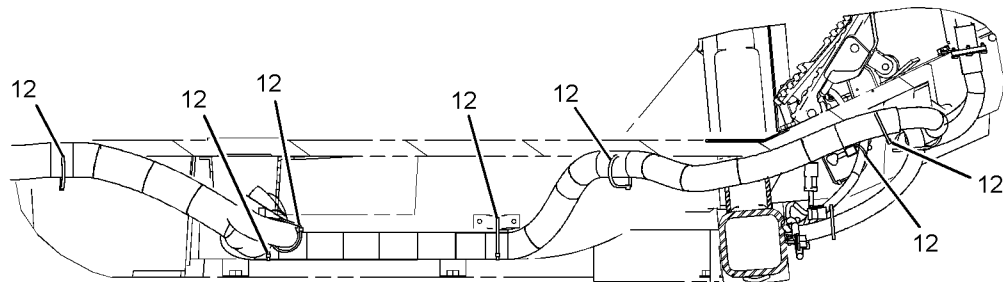
ELECTRICAL AND STARTING SYSTEM

235 - 1051 WIRING GP - CAB (contd.)

i02759307



RIGHT SIDE VIEW



SECTION A-A

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

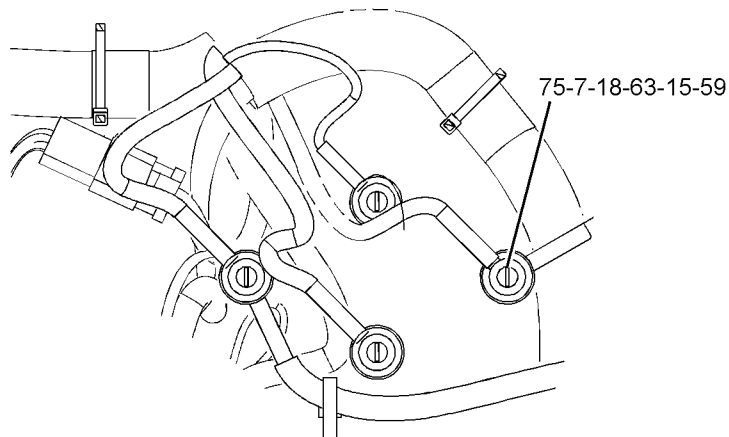
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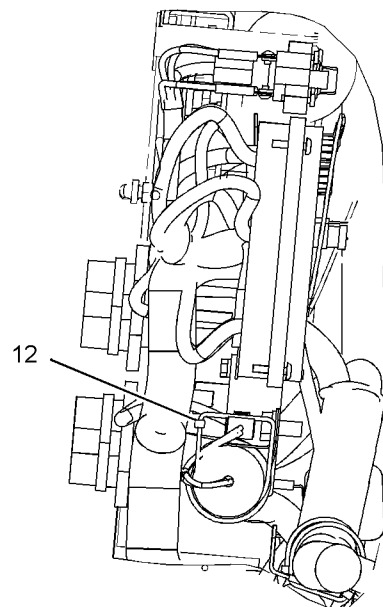
ELECTRICAL AND STARTING SYSTEM

235 - 1051 WIRING GP - CAB (contd.)

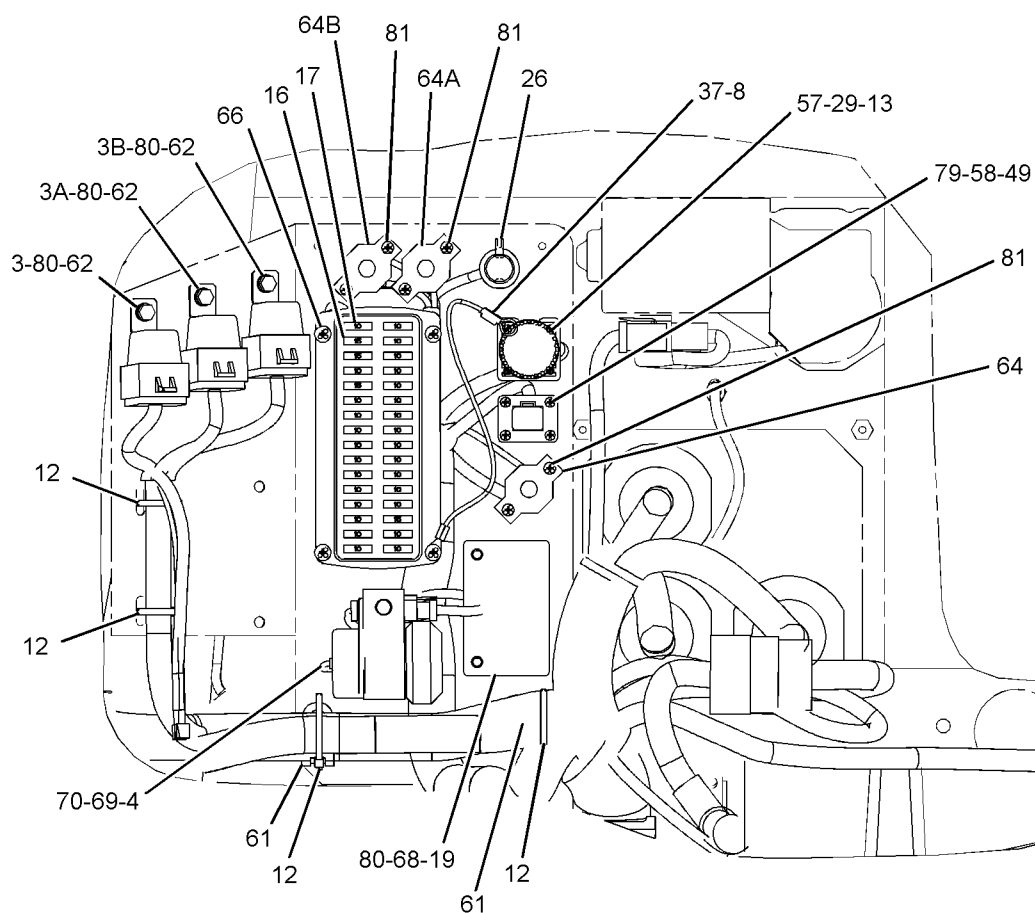
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SECTION K-K



VIEW OF AREA N



SECTION D-D

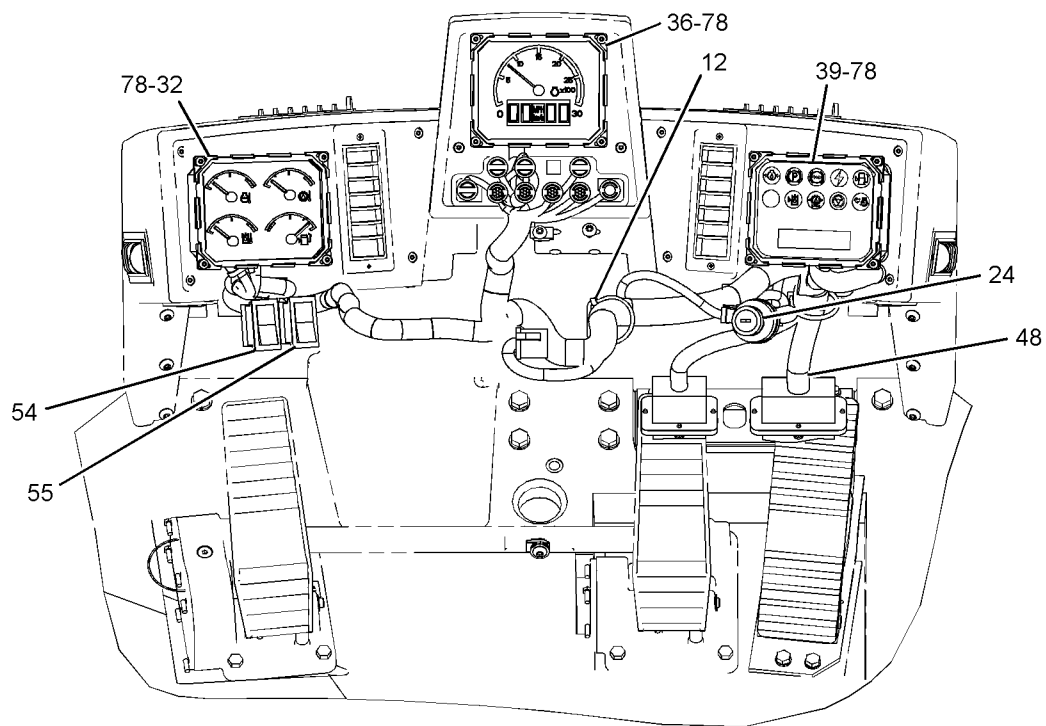
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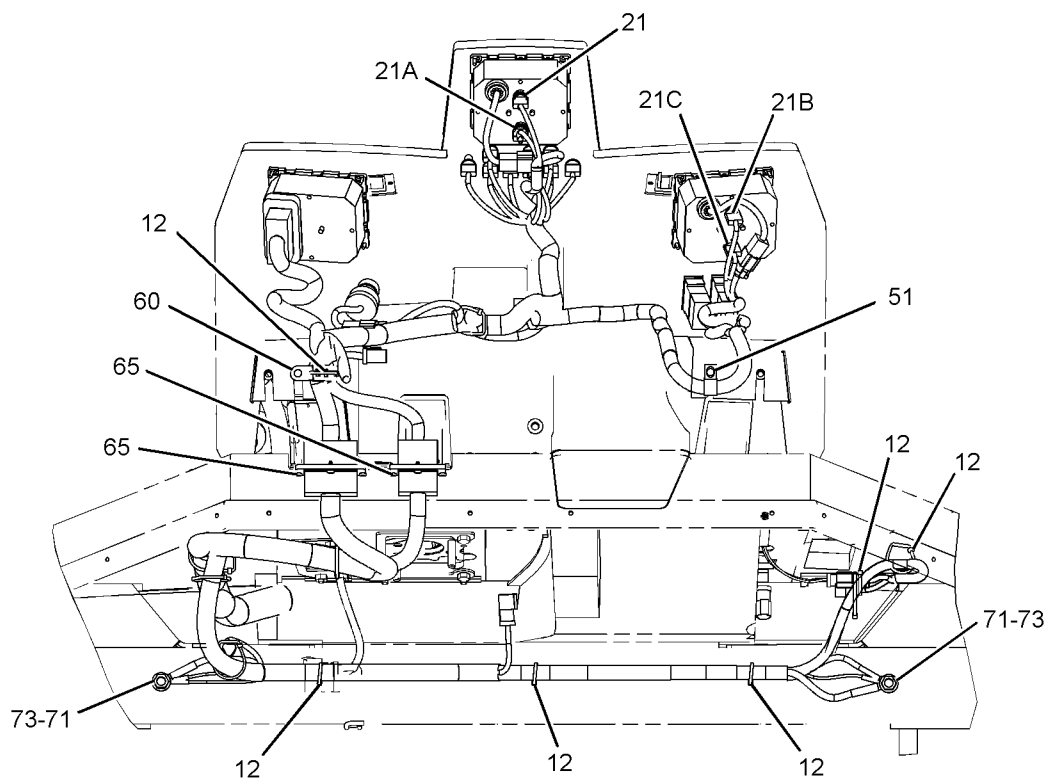
ELECTRICAL AND STARTING SYSTEM

235 - 1051 WIRING GP - CAB (contd.)

i02759307



SECTION F-F



SECTION H-H

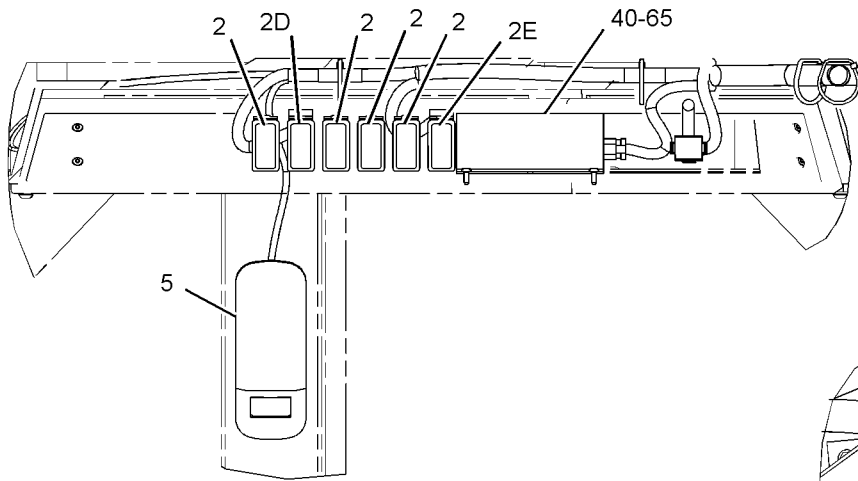
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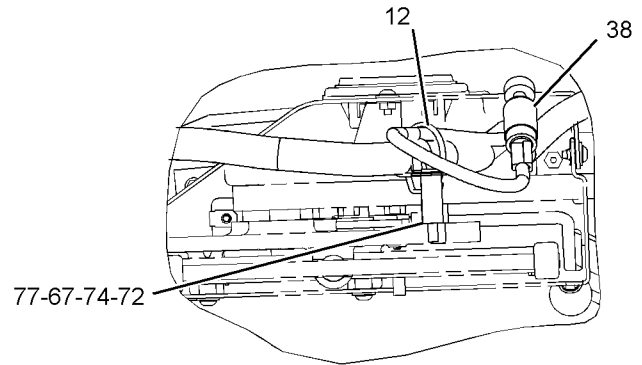
ELECTRICAL AND STARTING SYSTEM

235 - 1051 WIRING GP - CAB (contd.)

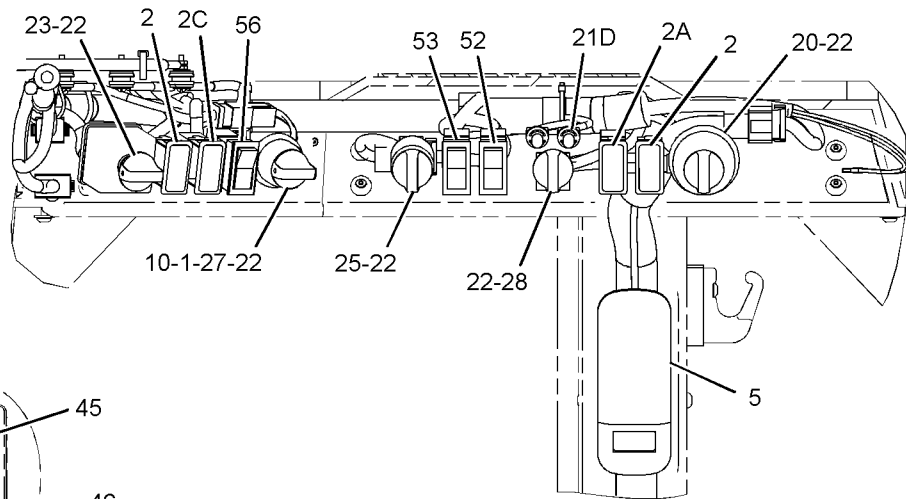
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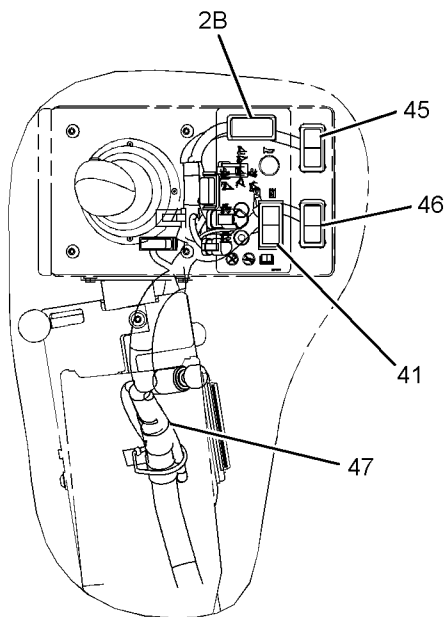
SECTION M-M



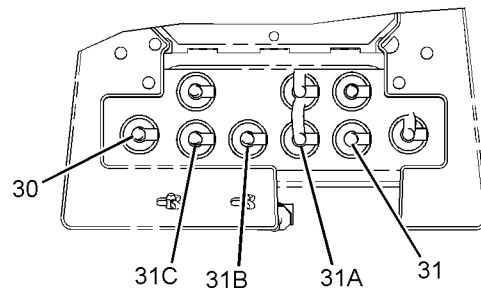
SECTION R-R



SECTION L-L



SECTION U-U



SECTION J-J

GRAPHIC #5

<END>

g01130923

ELECTRICAL AND STARTING SYSTEM

235 - 1051 WIRING GP - CAB

S/N: ASX222-299

PART OF 229-5015 CAB AR

SMCS-1408, 7301

i02578276

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	5	2H-3920	1	LOCKWASHER	
	2	5	3E-0109	6	PLUG (ROCKER SWITCH) (SPARE)	
	2A	5	3E-0109	1	PLUG (ROCKER SWITCH) (FRONT FLOODLIGHT)	
	2B	5	3E-0109	1	PLUG (ROCKER SWITCH) (TURN SIGNAL)	
	2C	5	3E-0109	1	PLUG (ROCKER SWITCH) (LOCKUP CLUTCH)	
	2D	5	3E-0109	1	PLUG (ROCKER SWITCH) (REVERSING FAN)	
	2E	5	3E-0109	1	PLUG (ROCKER SWITCH) (HAZARD)	
	3	3	3E-5239	1	RELAY AS (24-VOLT) (HORN)	
	3A	3	3E-5239	1	RELAY AS (24-VOLT) (FRONT CAB FLOODLIGHTS)	
	3B	3	3E-5239	1	RELAY AS (24-VOLT) (REAR FLOODLIGHTS)	
Y	4	3	3E-6328	1	ALARM GP (24-VOLT) (ACTION)	193
Y	5	5	3E-6389	2	LAMP GP-DOME (24-VOLT)	235
	6	1	3S-2093	5	STRAP-CABLE	
	7	3	4V-4164	8	BUSHING-TERMINAL	
	8	3	5P-7958	1	SLEEVE-CABLE SPLICE	
	9	2	6I-1418	8	SPACER (8.2X12.7X28.7-MM THK)	
	10	5	6V-8369	1	NUT (7/16-28-THD)	
	11	2	6Y-6584	1	STRAP AS-GROUND	
	12	1,2,3, 4,5	7K-1181	37	STRAP-CABLE	
	13	3	8C-6354	1	CAP-RECEPTACLE	
	14	2	8T-9655	16	MOUNT-ISOLATION	
	15	3	9F-8125	8	LOCKWASHER	
C	16	3	9W-1441	6	FUSE (15-AMPERE)	
C	17	3	9W-1442	21	FUSE (10-AMPERE)	
	18	3	098-8968	8	WASHER (5X16X1.2-MM THK)	
Y	19	3	103-5526	1	CONTROL GP-MONITOR (DIMMER)	798
	20	5	108-3320	1	SWITCH AS-ROTARY (24-VOLT) (RUNNING LIGHTS)	
	21	4	110-2079	1	LAMP (24-VOLT) (TACHOMETER PANEL)	
	21A	4	110-2079	1	LAMP (24-VOLT) (SPEDOMETER PANEL)	
	21B	4	110-2079	1	LAMP (24-VOLT) (QUAD GAGE PANEL)	
	21C	4	110-2079	1	LAMP (24-VOLT) (QUAD GAGE PANEL)	
	21D	5	110-2079	2	LAMP (24-VOLT) (TEMPERATURE SELECTION)	
	22	5	110-6109	5	KNOB-CONTROL (CONTROL PANEL SWITCHES)	
	23	5	110-7886	1	SWITCH AS-WIPER (24-VOLT) (FRONT INTERMITTENT)	
		1	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	9W-0852	4	PIN-CONNECTOR (14-GA)	
		1	8T-8737	1	PLUG-SEAL	
		1	6V-8369	1	NUT (7/16-28-THD)	
		1	2H-3920	1	LOCKWASHER	
		5	8T-8729	4	PIN-CONNECTOR	
		5	3E-3389	1	WEDGE-RECEPTACLE LOCK	
		5	102-8806	1	KIT-RECEPTACLE (8-PIN) (KIT INCLUDES RECEPTACLE AND WEDGE)	
	24	4	110-7887	1	SWITCH GP-START (KEY)	
		4	186-3735	4	PIN-CONNECTOR (16-GA TO 18-GA)	
		4	7T-6799	1	NUT-MOUNTING (1-32-THD)	
		4	102-8804	1	KIT-RECEPTACLE (4-PIN) (KIT INCLUDES RECEPTACLE AS AND WEDGE)	
	25	5	112-6174	1	SWITCH AS-ROTARY (24-VOLT) (REAR WIPER)	
		1	2H-3920	1	LOCKWASHER	
		1	3E-3389	1	WEDGE-RECEPTACLE LOCK	
		1	6V-8369	1	NUT (7/16-28-THD)	
		1	186-3735	6	PIN-CONNECTOR (16-GA TO 18-GA)	
		1	8T-8737	2	PLUG-SEAL	

ELECTRICAL AND STARTING SYSTEM

235-1051 WIRING GP-CAB (contd.)

i02578276

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	102-8806	1	KIT-RECEPTACLE (8-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
	26	3	117-2311	1	RECEPTACLE AS-POWER (12-VOLT) (AUXILIARY)						
	27	5	123-6383	1	SWITCH AS-ROTARY (AUTOSHIFT CONTROL)						
		1	3E-3383	1	WEDGE-RECEPTACLE LOCK (6-PIN)						
		1	8T-8737	1	PLUG-SEAL						
		1	9W-0852	5	PIN-CONNECTOR (14-GA)						
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
	28	5	127-4540	1	POTENTIOMETER AS (TEMPERATURE SELECT)						
	29	3	128-6157	1	PLATE						
	30	5	163-1876	1	LAMP (24-VOLT) (MASTER ACTION)						
	31	5	163-1878	1	LAMP (24-VOLT) (DECELERATOR ENABLE INDICATOR)						
	31A	5	163-1878	1	LAMP (24-VOLT) (THROTTLE LOCK INDICATOR)						
	31B	5	163-1878	1	LAMP (24-VOLT) (LOCKUP CLUTCH)						
	31C	5	163-1878	1	LAMP (24-VOLT) (AUTO BLADE PITCH ANGLE)						
Y	32	4	166-6928	1	MODULE GP-QUAD GAUGE						838
YR	33	2	172-9389	1	CONTROL GP-UNPROGRAMMED (POWER TRAIN)						214
YR	34	2	172-9391	1	CONTROL GP-UNPROGRAMMED (IMPLEMENT)						215
	35	1	174-3016	1	PLUG AS-CONNECTOR (3-PIN)						
	36	4	178-8583	1	MODULE GP-SPEEDOMETER & TACH						
		4	3E-3383	1	WEDGE-RECEPTACLE LOCK (6-PIN)						
		4	186-3735	6	PIN-CONNECTOR (16-GA TO 18-GA)						
		4	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(KIT INCLUDES RECEPTACLE AS AND WEDGE)						
	37	3	179-9392	1	LANYARD						
	38	5	198-6570	1	LIGHTER GP-CIGAR (12-VOLT)						
		5	198-6571	1	ELEMENT AS						
R	39	4	252-4501	1	CONTROL GP-UNPRGMED MONITOR (CATERPILLAR MONITORING SYSTEM)						
	40	5	209-0381	1	CONVERTER-POWER (24-VOLT TO 12-VOLT)						
	41	5	219-9533	1	SWITCH AS-ROCKER (HYDRAULIC LOCKOUT)						
	42	1	237-9597	1	HARNESS AS-CAB (MAIN)						
		1	9X-6772	3	STRAP-CABLE						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
		1	102-8806	1	KIT-RECEPTACLE (8-PIN)						
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS AND WEDGE)						
		1	110-6846	2	PLUG AS-CONNECTOR (40-PIN)						
		1	3T-3410	1	RECEPTACLE AS-CONNECTOR (37-PIN)						
		1	8N-1513	1	RECEPTACLE AS-CONNECTOR (37-PIN)						
		1	8N-1517	1	RECEPTACLE AS-CONNECTOR (25-PIN)						
		1	9W-1951	1	RECEPTACLE-CONNECTOR (9-PIN)						
		1	9X-0141	1	PLUG AS-CONNECTOR (40-PIN)						
		1	9X-1054	3	PLUG AS-CONNECTOR (4-PIN)						
		1	9X-7146	1	PLUG AS-CONNECTOR (24-PIN)						
		1	110-6848	2	PLUG AS-CONNECTOR (40-PIN)						
		1	113-0580	1	RECEPTACLE AS-CONNECTOR (40-PIN)						
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
					(KIT INCLUDES PLUG AS AND WEDGE)						
	43	1	238-1798	1	HARNESS AS-LIGHTING (FRONT CAB FLOODLIGHTS)						
		1	155-2270	2	KIT-CONNECTING PLUG (2-PIN)						
					(EACH PLUG KIT INCLUDES PLUG AS AND WEDGE)						
	44	1	240-0602	1	HARNESS AS-WIRING (CAT DATA LINK)						
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)						
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS AND WEDGE)						
	45	5	241-4855	1	SWITCH AS-ROCKER (ABP KICKOUT SET)						

ELECTRICAL AND STARTING SYSTEM

235-1051 WIRING GP-CAB (contd.)

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NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	46	5	241-4856	1	SWITCH AS-ROCKER (ABP ENABLE)	
	47	5	244-1674	1	HARNESS AS-WORK TOOL	
		5	110-6845	1	PLUG AS-CONNECTOR (40-PIN)	
		5	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		5	155-2270	1	KIT-CONNECTING PLUG (2-PIN)	
		5	155-2271	1	KIT-CONNECTING PLUG (4-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS AND WEDGE)	
		5	102-8803	1	KIT-RECEPTACLE (3-PIN)	
					(KIT INCLUDES RECEPTACLE AS AND WEDGE)	
	48	4	264-7680	1	HARNESS AS-PANEL (INSTRUMENT)	
		4	155-2274	3	KIT-CONNECTING PLUG (6-PIN)	
		4	155-2271	1	KIT-CONNECTING PLUG (4-PIN)	
		4	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS AND WEDGE)	
		4	8T-9834	1	PLUG AS-CONNECTOR (40-PIN)	
		4	9X-7145	1	RECEPTACLE AS-CONNECTOR (24-PIN)	
		4	9X-1343	1	RECEPTACLE AS-CONNECTOR (40-PIN)	
	49	3	096-6166	4	WASHER-HARD (4.5X9X1-MM THK)	
M	50	2	099-3649	8	BOLT (M8X1.25X40-MM)	
	51	4	134-3988	1	CLIP	
	52	5	219-9521	1	SWITCH AS-ROCKER (AIR CONDITIONER, HEATER)	
	53	5	219-9523	1	SWITCH AS-ROCKER (FAN BLOWER SPEED)	
	54	4	220-8358	1	SWITCH AS-ROCKER (OPERATOR MODE SELECT)	
	55	4	223-8982	1	SWITCH AS-ROCKER (THROTTLE LOCK ENABLE)	
	56	5	223-8983	1	SWITCH AS-ROCKER (DECELERATOR ENABLE)	
	57	3	3S-9557	4	SCREW-PAN HEAD (4-40X0.5-IN)	
	58	3	4B-2041	4	NUT (6-32-THD)	
	59	3	4B-2049	8	NUT (10-32-THD)	
C	60	4	4P-7581	1	CLIP	
	61	2, 3	4P-8134	3	CLIP	
M	62	3	5C-9553	3	BOLT (M6X1X16-MM)	
	63	3	6D-6146	4	SCREW-MACHINE (10-32X1.25-IN)	
	64	3	6T-3643	1	CIRCUIT BREAKER AS (15-AMPERE) (A/C, HEATER CONTROL)	
		3	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)	
		3	9B-7233	2	LOCKWASHER	
	64A	3	6T-3643	1	CIRCUIT BREAKER AS (15-AMPERE) (SEAT BREAKER)	
		3	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)	
		3	9B-7233	2	LOCKWASHER	
	64B	3	6T-3643	1	CIRCUIT BREAKER AS (15-AMPERE) (AIR CONDITIONER)	
		3	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)	
		3	9B-7233	2	LOCKWASHER	
	65	4, 5	6V-2687	12	SCREW-PAN HEAD (10-24X1-IN)	
	66	3	6V-5645	4	SCREW-MACHINE (10-32X0.87-IN)	
	67	5	7C-4354	1	CLIP	
M	68	3	7X-2534	2	BOLT (M6X1X50-MM)	
	69	2, 3	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)	
CM	70	3	8T-4137	1	BOLT (M10X1.5X20-MM)	
	71	2, 4	8T-4223	3	WASHER-HARD (13.5X25.5X3-MM THK)	
	72	5	8T-4224	1	WASHER-HARD (8.8X16X2-MM THK)	
M	73	2, 4	8T-4244	3	NUT (M12X1.75-THD)	
M	74	5	8T-6869	1	BOLT (M8X1.25X60-MM)	
	75	3	9M-5870	4	GROMMET	
	76	2	9N-0869	8	WASHER-HARD (8.8X25.5X2-MM THK)	
	77	5	9W-1991	1	SPACER (10.7X17.1X40-MM THK)	
M	78	1, 4	9X-1046	18	SCREW (M4X0.7X18-MM)	
	79	3	9X-6477	4	SCREW-MACHINE (6-32X0.375-IN)	
	80	3	9X-8256	5	WASHER (6.6X12X2-MM THK)	
	81	3	9X-8486	6	SCREW-MACHINE (8-32X0.75-IN)	

ELECTRICAL AND STARTING SYSTEM

235-1051 WIRING GP-CAB (contd.)

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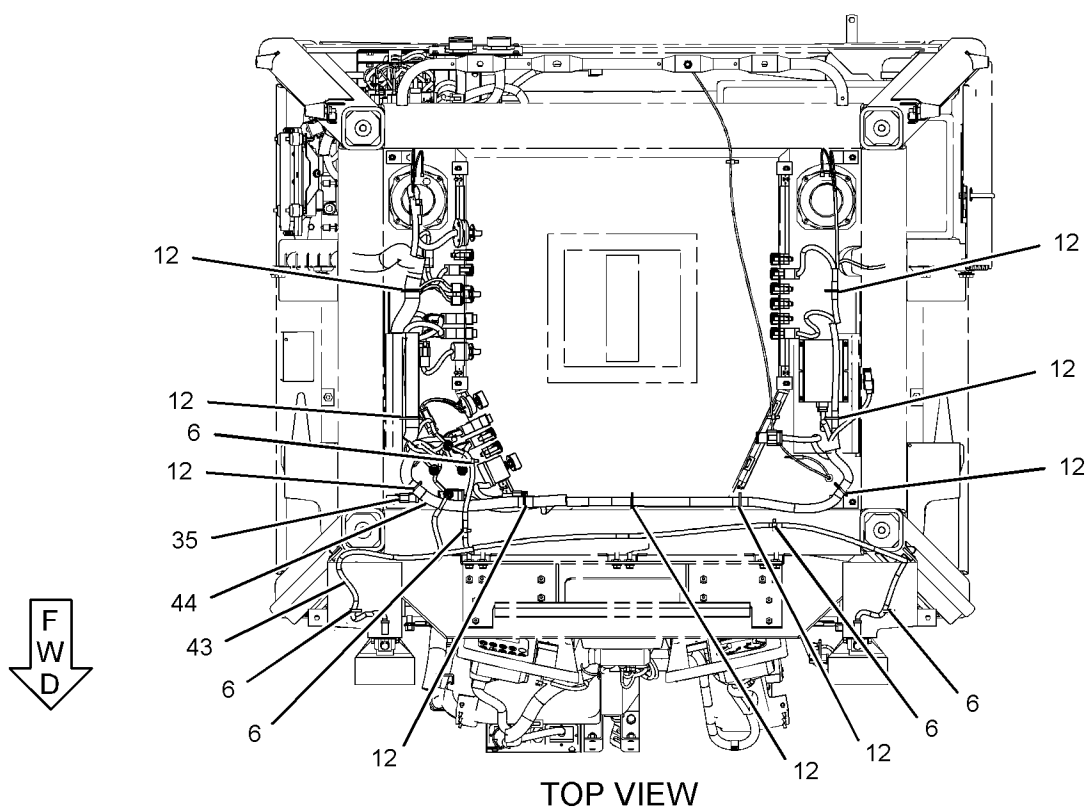
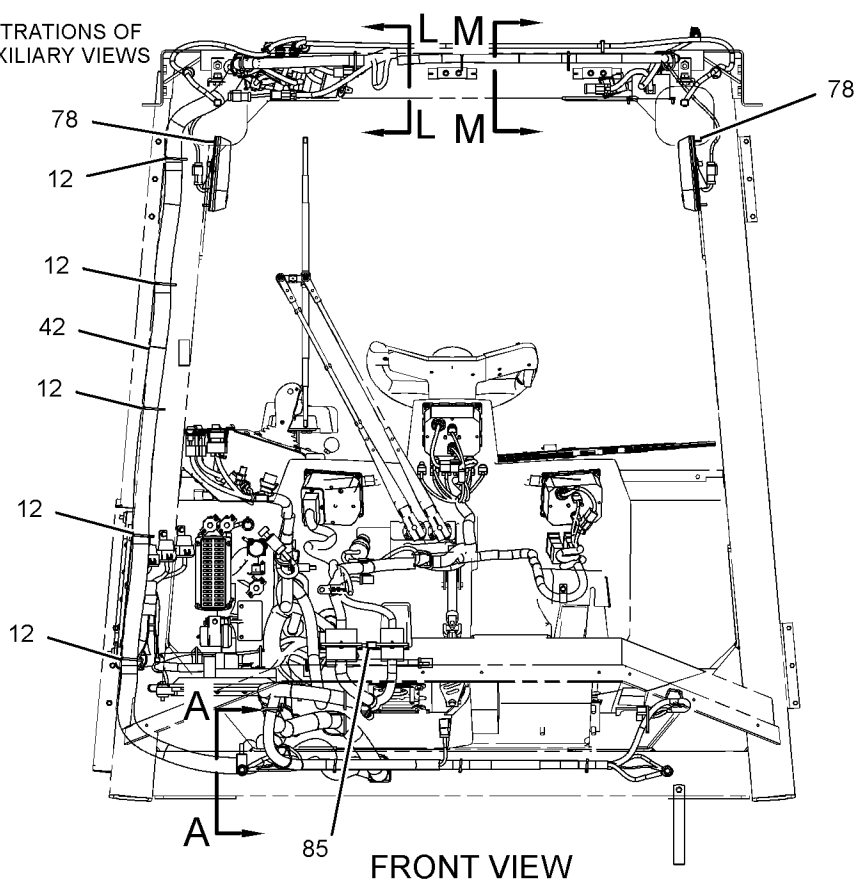
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	82	2	7D-7233	1	CLIP						
CM	83	2	8T-4195	1	BOLT (M10X1.5X30-MM)						
C	84	3	9W-1446	5	FUSE (20-AMPERE)						
C	85	1	147-0385	1	CLIP						
C	86	3	156-6175	1	CLIP						
C	87	4	177-2215	1	STRAP-DUAL CLAMP						
C-CHANGE FROM PREVIOUS TYPE											
M-METRIC PART											
R-REMFG PART MAY BE AVAILABLE											
Y-SEPARATE ILLUSTRATION											

ELECTRICAL AND STARTING SYSTEM

235-1051 WIRING GP-CAB (contd.)

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REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



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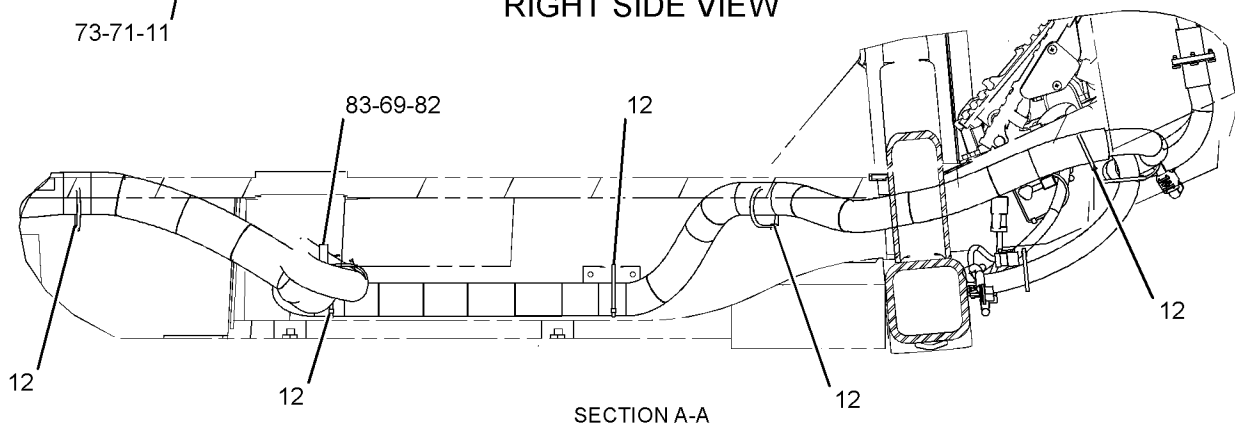
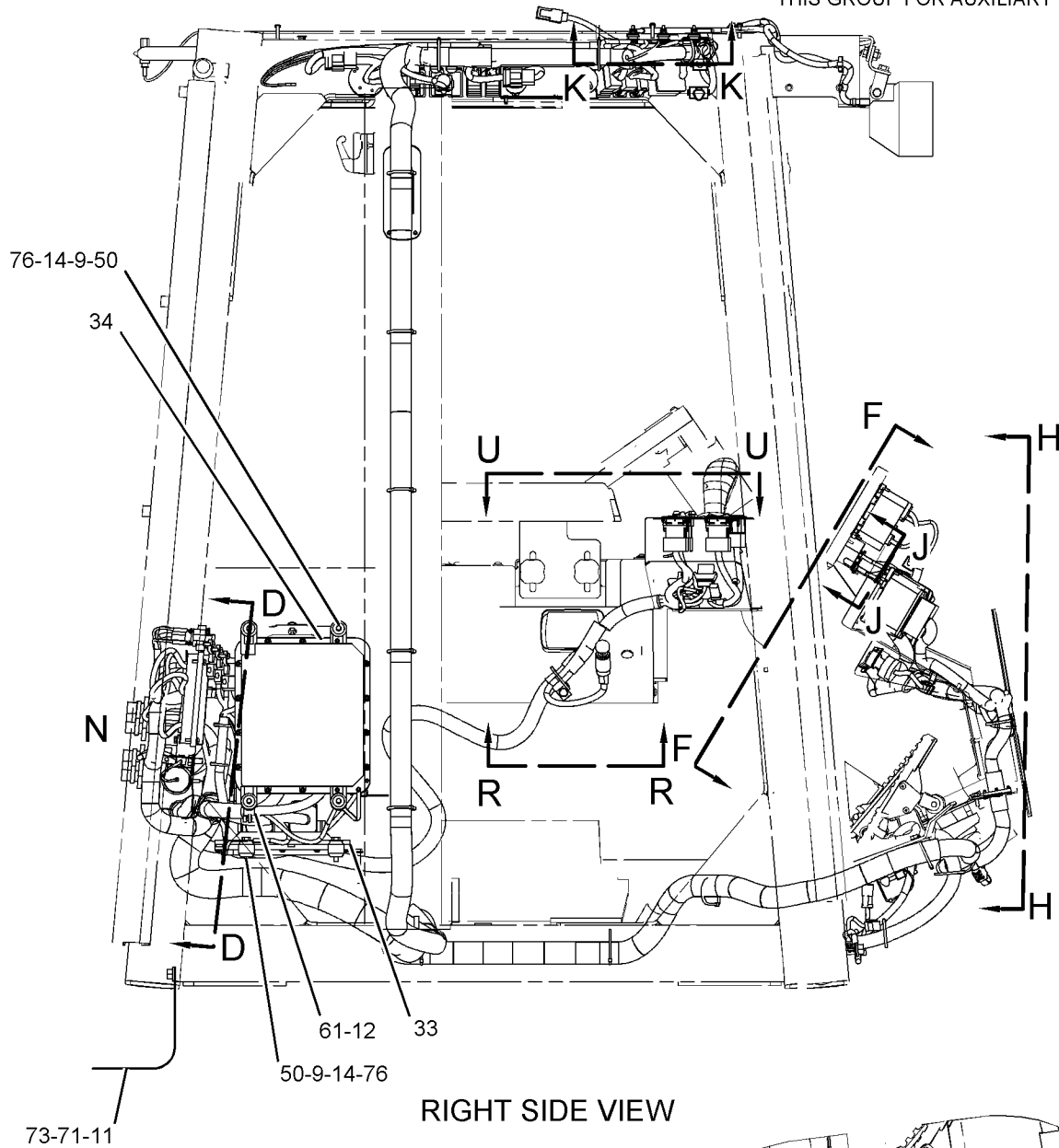
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ELECTRICAL AND STARTING SYSTEM

235 - 1051 WIRING GP - CAB (contd.)

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REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



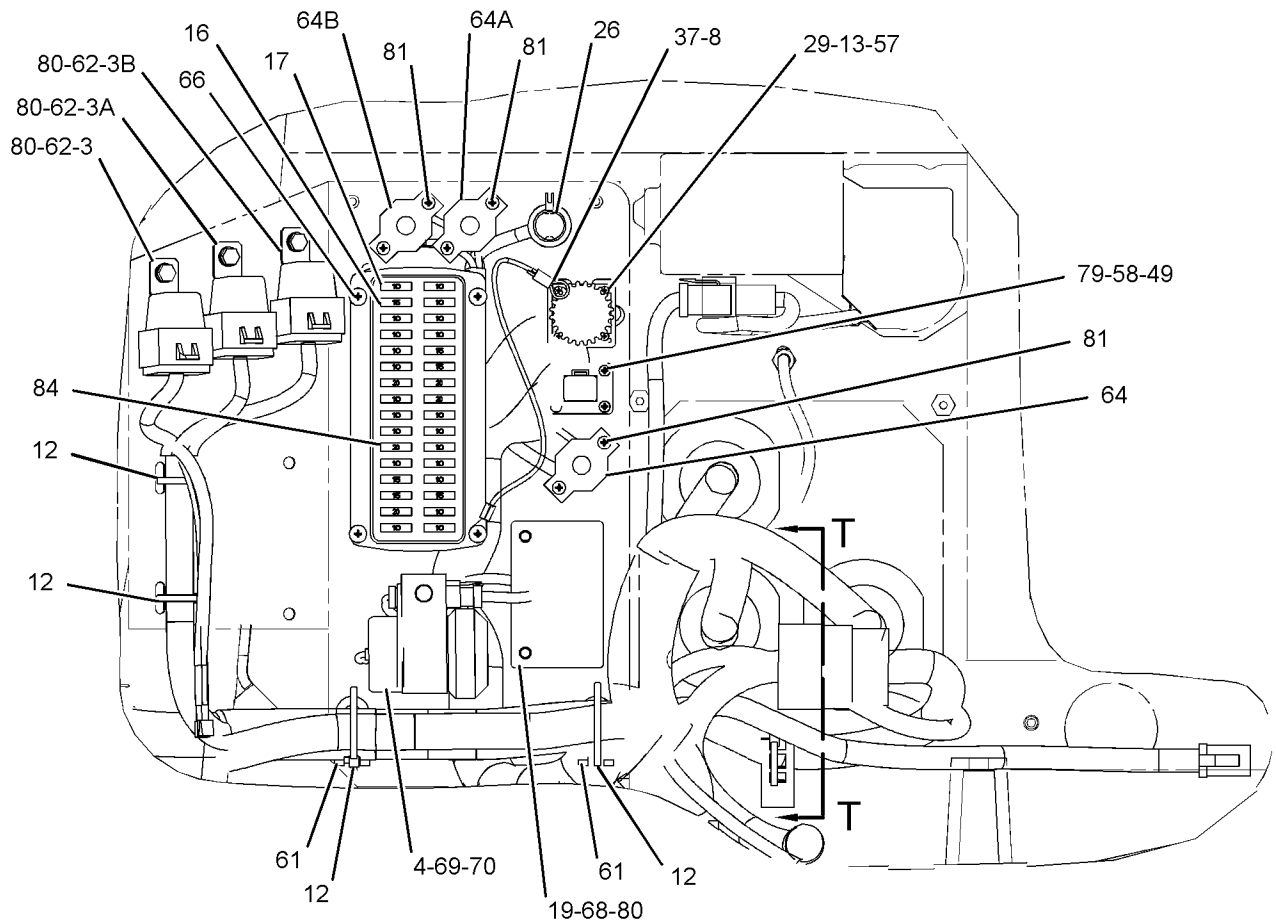
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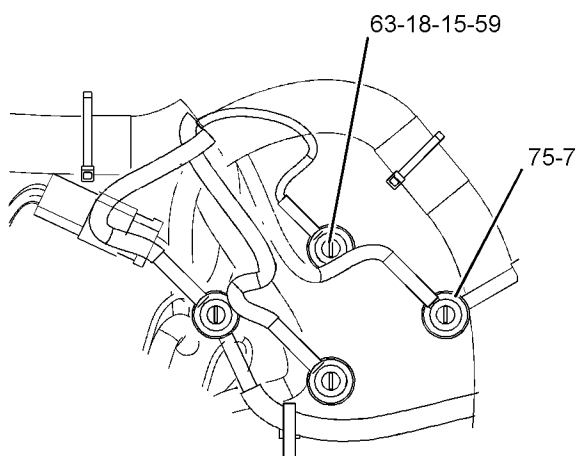
ELECTRICAL AND STARTING SYSTEM

235 - 1051 WIRING GP - CAB (contd.)

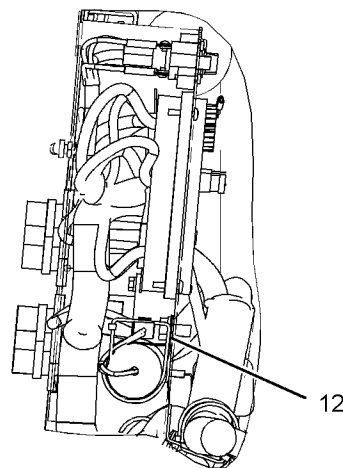
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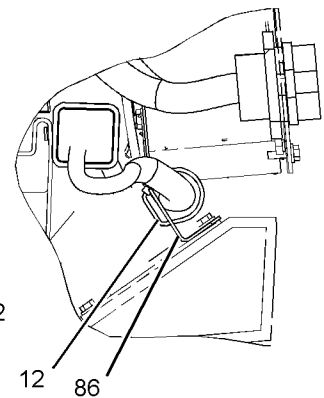
SECTION D-D



SECTION K-K



VIEW OF AREA N



SECTION T-T

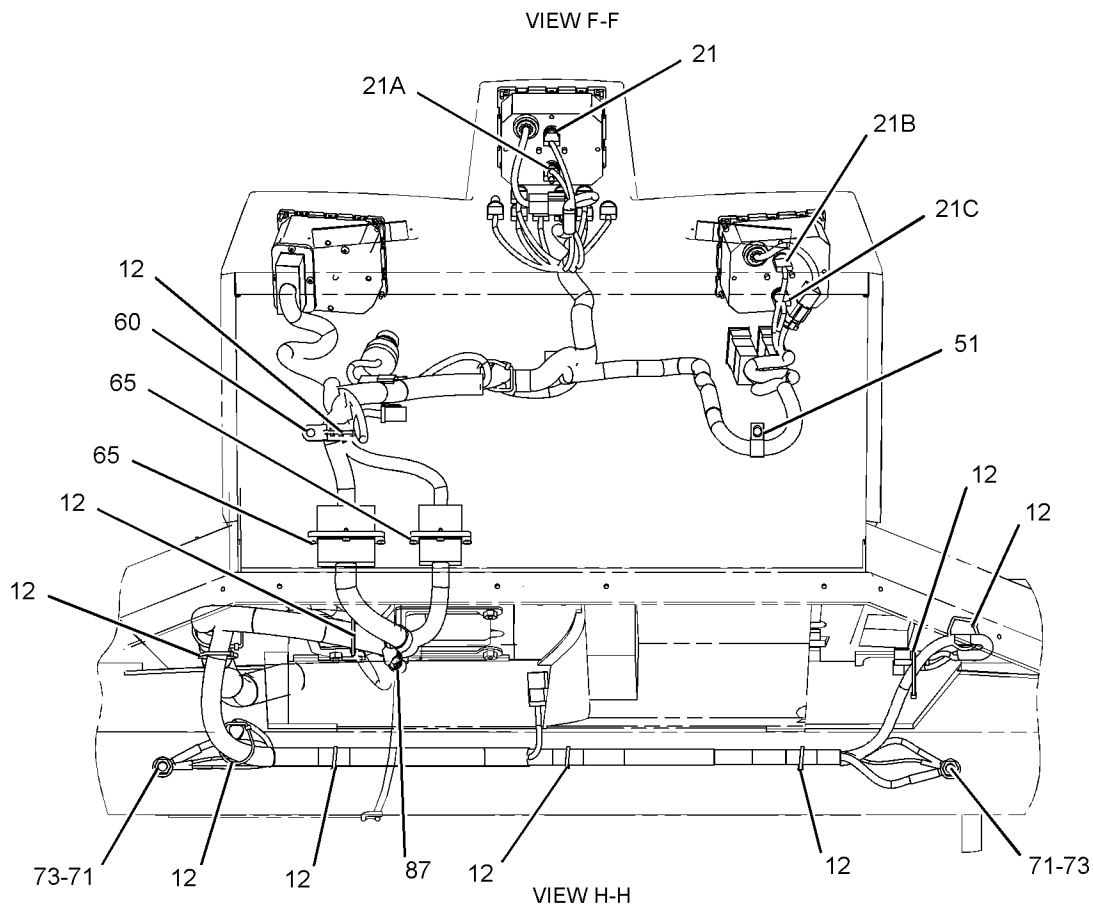
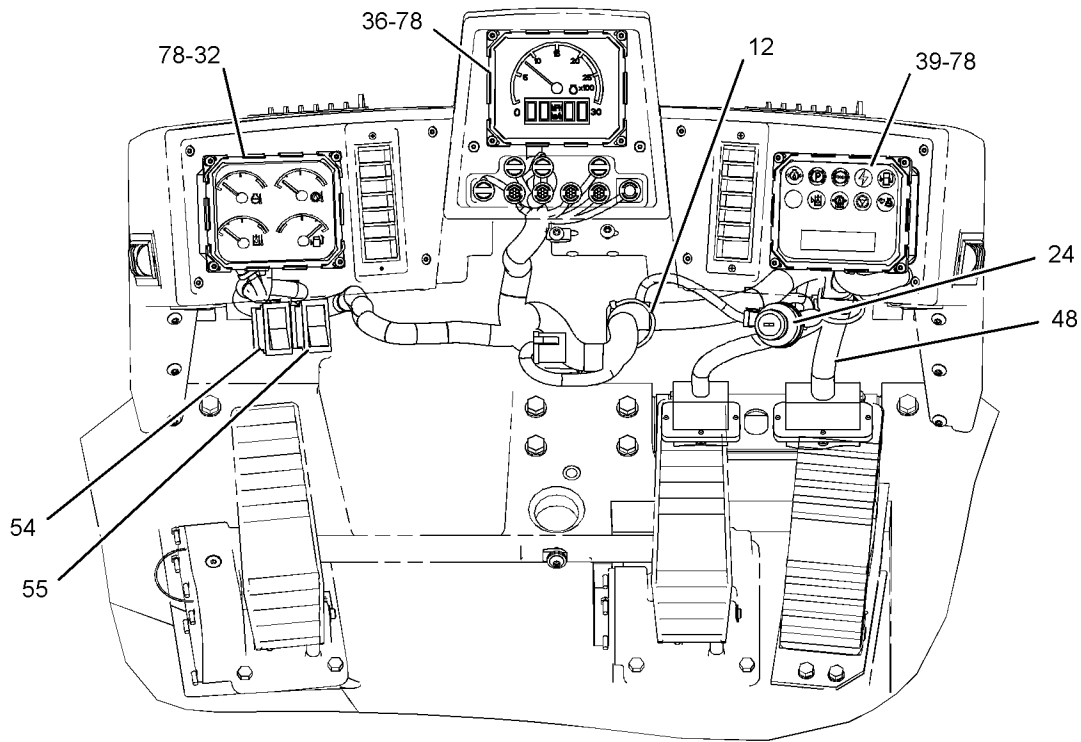
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ELECTRICAL AND STARTING SYSTEM

235 - 1051 WIRING GP - CAB (contd.)

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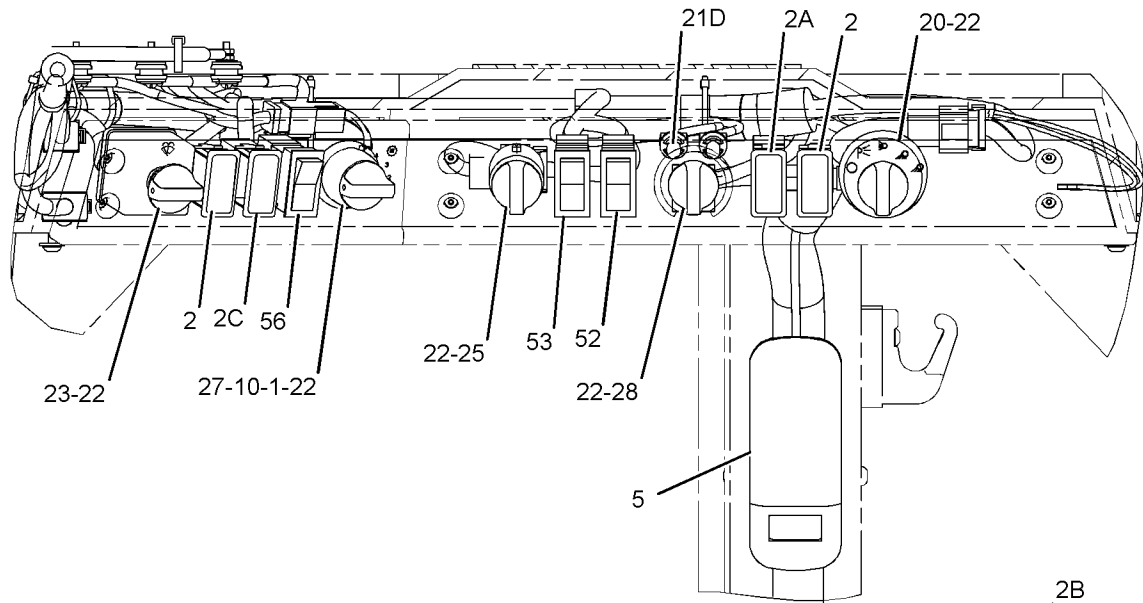
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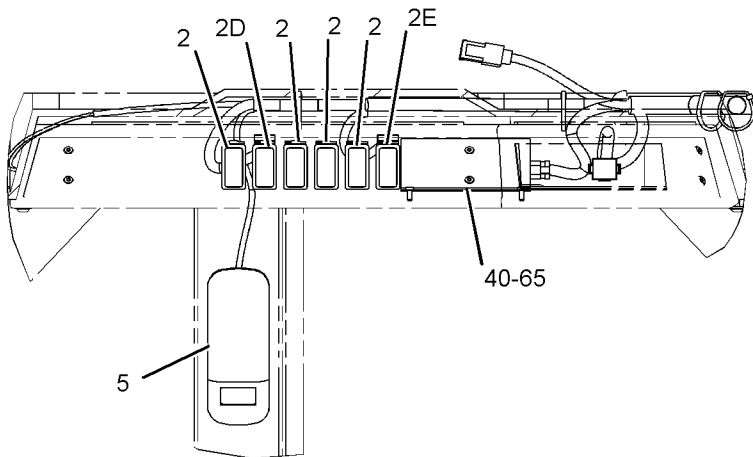
ELECTRICAL AND STARTING SYSTEM

235 - 1051 WIRING GP - CAB (contd.)

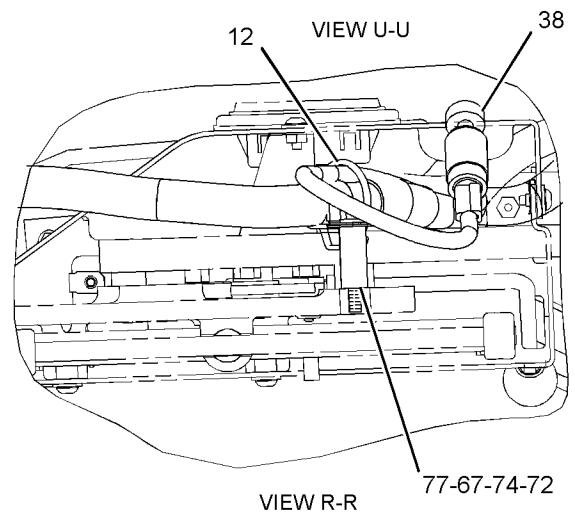
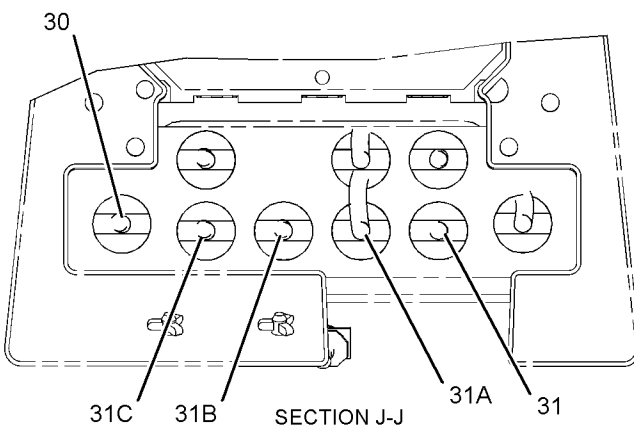
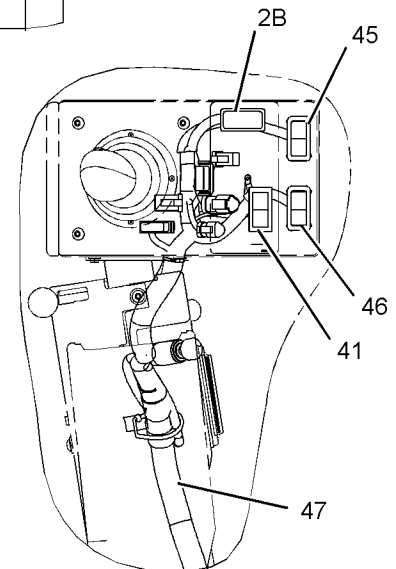
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SECTION L-L



SECTION M-M



GRAPHIC #5

<END>

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ELECTRICAL AND STARTING SYSTEM

235 - 1051 WIRING GP - CAB

S/N: ASX300-UP

PART OF 292-6101 CAB AR

SMCS-1408, 7301

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NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	5	2H-3920	1	LOCKWASHER	
	2	5	3E-0109	5	PLUG (ROCKER SWITCH) (SPARE)	
	2A	5	3E-0109	1	PLUG (ROCKER SWITCH) (FRONT FLOODLIGHT)	
	2B	5	3E-0109	1	PLUG (ROCKER SWITCH) (TURN SIGNAL)	
	2C	5	3E-0109	1	PLUG (ROCKER SWITCH) (LOCKUP CLUTCH)	
	2D	5	3E-0109	1	PLUG (ROCKER SWITCH) (REVERSING FAN)	
	2E	5	3E-0109	1	PLUG (ROCKER SWITCH) (HAZARD)	
	2F	5	3E-0109	1	PLUG (ROCKER SWITCH) (BEACON)	
	3	3	3E-5239	1	RELAY AS (24-VOLT) (HORN)	
	3A	3	3E-5239	1	RELAY AS (24-VOLT) (FRONT CAB FLOODLIGHTS)	
	3B	3	3E-5239	1	RELAY AS (24-VOLT) (REAR FLOODLIGHTS)	
Y	4	3	3E-6328	1	ALARM GP (24-VOLT) (ACTION)	193
Y	5	5	3E-6389	2	LAMP GP-DOME (24-VOLT)	235
	6	1	3S-2093	5	STRAP-CABLE	
C	7	3	4V-4164	10	BUSHING-TERMINAL	
	8	3	5P-7958	1	SLEEVE-CABLE SPLICE	
	9	2	6I-1418	8	SPACER (8.2X12.7X28.7-MM THK)	
	10	5	6V-8369	1	NUT (7/16-28-THD)	
	11	2	6Y-6584	1	STRAP AS-GROUND	
C	12	1,2,3,4,5	7K-1181	45	STRAP-CABLE	
	13	3	8C-6354	1	CAP-RECEPTACLE	
	14	2	8T-9655	16	MOUNT-ISOLATION	
C	15	3	9F-8125	10	LOCKWASHER	
C	16	3	9W-1441	8	FUSE (15-AMPERE)	
	17	3	9W-1442	21	FUSE (10-AMPERE)	
C	18	3	9W-1446	3	FUSE (20-AMPERE)	
C	19	3	098-8968	10	WASHER (5X16X1.2-MM THK)	
Y	20	3	103-5526	1	CONTROL GP-MONITOR (DIMMER)	798
	21	5	108-3320	1	SWITCH AS-ROTARY (24-VOLT) (RUNNING LIGHTS)	
	22	4	110-2079	1	LAMP (24-VOLT) (TACHOMETER PANEL)	
	22A	4	110-2079	1	LAMP (24-VOLT) (SPEEDOMETER PANEL)	
	22B	4	110-2079	1	LAMP (24-VOLT) (QUAD GAGE PANEL)	
	22C	4	110-2079	1	LAMP (24-VOLT) (QUAD GAGE PANEL)	
	22D	5	110-2079	2	LAMP (24-VOLT) (TEMPERATURE SELECTION)	
	23	5	110-6109	5	KNOB-CONTROL (CONTROL PANEL SWITCHES)	
	24	5	110-7886	1	SWITCH AS-WIPER (24-VOLT) (FRONT INTERMITTENT)	
		5	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)	
		5	9W-0852	4	PIN-CONNECTOR (14-GA)	
		5	8T-8737	1	PLUG-SEAL	
		5	6V-8369	1	NUT (7/16-28-THD)	
		5	2H-3920	1	LOCKWASHER	
		5	3E-3389	1	WEDGE-RECEPTACLE LOCK	
		5	102-8806	1	KIT-RECEPTACLE (8-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
	25	4	110-7887	1	SWITCH GP-START (KEY)	
		4	186-3735	4	PIN-CONNECTOR (16-GA TO 18-GA)	
		4	7T-6799	1	NUT-MOUNTING (1-32-THD)	
		4	102-8804	1	KIT-RECEPTACLE (4-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
	26	5	112-6174	1	SWITCH AS-ROTARY (24-VOLT) (REAR WIPER)	
		5	2H-3920	1	LOCKWASHER	
		5	3E-3389	1	WEDGE-RECEPTACLE LOCK	
		5	6V-8369	1	NUT (7/16-28-THD)	
		5	186-3735	6	PIN-CONNECTOR (16-GA TO 18-GA)	
		5	8T-8737	2	PLUG-SEAL	

ELECTRICAL AND STARTING SYSTEM

235-1051 WIRING GP-CAB (contd.)

i02730644

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		5	102-8806	1	KIT-RECEPTACLE (8-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
	27	3	117-2311	1	RECEPTACLE AS-POWER (12-VOLT) (AUXILIARY)						
	28	5	123-6383	1	SWITCH AS-ROTARY (AUTOSHIFT CONTROL)						
		5	3E-3383	1	WEDGE-RECEPTACLE LOCK (6-PIN)						
		5	8T-8737	1	PLUG-SEAL						
		5	9W-0852	5	PIN-CONNECTOR (14-GA)						
		5	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
	29	5	127-4540	1	POTENTIOMETER AS (TEMPERATURE SELECT)						
R	30	4	252-4501	1	CONTROL GP-UNPRGMD MONITOR (CATERPILLAR MONITORING SYSTEM)						
	31	5	163-1876	1	LAMP (24-VOLT) (MASTER ACTION)						
	32	5	163-1878	1	LAMP (24-VOLT) (DECELERATOR ENABLE INDICATOR)						
	32A	5	163-1878	1	LAMP (24-VOLT) (THROTTLE LOCK INDICATOR)						
	32B	5	163-1878	1	LAMP (24-VOLT) (LOCKUP CLUTCH)						
	32C	5	163-1878	1	LAMP (24-VOLT) (AUTO BLADE PITCH ANGLE)						
Y	33	4	166-6928	1	MODULE GP-QUAD GAUGE						838
YR	34	2	172-9389	1	CONTROL GP-UNPROGRAMMED (POWER TRAIN)						214
YR	35	2	172-9391	1	CONTROL GP-UNPROGRAMMED (IMPLEMENT)						215
	36	4	177-2215	1	STRAP-DUAL CLAMP						
	37	4	178-8583	1	MODULE GP-SPEEDOMETER & TACH						
		4	3E-3383	1	WEDGE-RECEPTACLE LOCK (6-PIN)						
		4	186-3735	6	PIN-CONNECTOR (16-GA TO 18-GA)						
		4	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
	38	3	179-9392	1	LANYARD						
	39	5	198-6570	1	LIGHTER GP-CIGAR (12-VOLT)						
		5	198-6571	1	ELEMENT AS						
	40	5	209-0381	1	CONVERTER-POWER (24-VOLT TO 12-VOLT)						
	41	5	219-9533	1	SWITCH AS-ROCKER (HYDRAULIC LOCKOUT)						
	42	5	241-4855	1	SWITCH AS-ROCKER (ABP KICKOUT SET)						
	43	5	241-4856	1	SWITCH AS-ROCKER (ABP ENABLE)						
	44	5	244-1674	1	HARNESS AS-WORK TOOL						
		5	110-6845	1	PLUG AS-CONNECTOR (40-PIN)						
		5	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
		5	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
		5	155-2271	1	KIT-CONNECTING PLUG (4-PIN)						
					(EACH PLUG KIT INCLUDES PLUG AS AND WEDGE)						
		5	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
	45	4	264-7680	1	HARNESS AS-PANEL (INSTRUMENT)						
		4	155-2274	3	KIT-CONNECTING PLUG (6-PIN)						
		4	155-2271	1	KIT-CONNECTING PLUG (4-PIN)						
		4	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
					(EACH PLUG KIT INCLUDES PLUG AS AND WEDGE)						
		4	8T-9834	1	PLUG AS-CONNECTOR (40-PIN)						
		4	9X-7145	1	RECEPTACLE AS-CONNECTOR (24-PIN)						
		4	9X-1343	1	RECEPTACLE AS-CONNECTOR (40-PIN)						
C	46	1	297-5853	1	HARNESS AS-CAB (MAIN)						
		1	155-2255	2	KIT-CONNECTING PLUG (12-PIN)						
		1	155-2265	4	KIT-CONNECTING PLUG (8-PIN)						
		1	155-2270	4	KIT-CONNECTING PLUG (2-PIN)						
		1	155-2271	2	KIT-CONNECTING PLUG (4-PIN)						
		1	155-2274	5	KIT-CONNECTING PLUG (6-PIN)						
					(EACH KIT-PLUG INCLUDES PLUG AS AND WEDGE)						
		1	176-9299	1	KIT-RECEPTACLE (3-PIN)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
		1	102-8803	2	KIT-RECEPTACLE (3-PIN)						
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)						

ELECTRICAL AND STARTING SYSTEM

235-1051 WIRING GP-CAB (contd.)

i02730644

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)						
		1	102-8806	1	KIT-RECEPTACLE (8-PIN)						
					(EACH KIT-RECEPTACLE INCLUDES RECEPTACLE AS AND WEDGE)						
		1	3T-3410	1	RECEPTACLE AS-CONNECTOR (37-PIN)						
		1	8N-1513	1	RECEPTACLE AS-CONNECTOR (37-PIN)						
		1	8N-1517	1	RECEPTACLE AS-CONNECTOR (25-PIN)						
		1	110-6846	2	PLUG AS-CONNECTOR (40-PIN)						
		1	155-2267	6	PLUG AS-CONNECTOR (3-PIN)						
		1	9X-0141	1	PLUG AS-CONNECTOR (40-PIN)						
		1	9X-1054	1	PLUG AS-CONNECTOR (4-PIN)						
		1	9X-7146	1	PLUG AS-CONNECTOR (24-PIN)						
		1	110-6848	1	PLUG AS-CONNECTOR (40-PIN)						
		1	113-0580	1	RECEPTACLE AS-CONNECTOR (40-PIN)						
		1	8N-1521	3	BELL AS-END (2-GA)						
		1	9X-6772	3	STRAP-CABLE						
		1	188-6253	1	BLOCK AS-FUSE						
		1	1H-3244	2	LOCKWASHER						
		1	6V-8185	2	NUT (1/4-20-THD)						
		1	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)						
		1	151-1398	4	KIT-TERMINAL (LOCK)						
		1	200-8789	1	SEAL						
C	47	3	096-5962	4	WASHER-HARD (3.4X7X0.8-MM THK)						
	48	3	096-6166	4	WASHER-HARD (4.5X9X1-MM THK)						
M	49	2	099-3649	8	BOLT (M8X1.25X40-MM)						
	50	4	134-3988	1	CLIP						
	51	1	147-0385	1	CLIP						
	52	3	156-6175	1	CLIP						
	53	5	219-9521	1	SWITCH AS-ROCKER (AIR CONDITIONER, HEATER)						
	54	5	219-9523	1	SWITCH AS-ROCKER (FAN BLOWER SPEED)						
	55	4	220-8358	1	SWITCH AS-ROCKER (OPERATOR MODE SELECT)						
	56	4	223-8982	1	SWITCH AS-ROCKER (THROTTLE LOCK ENABLE)						
	57	5	223-8983	1	SWITCH AS-ROCKER (DECELERATOR ENABLE)						
C	58	1	308-3507	1	HARNES AS-LIGHTING (CAB FLOODLIGHT)						
		1	102-8802	6	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		1	155-2270	8	KIT-CONNECTING PLUG (2-PIN)						
					(INCLUDES PLUG AS AND WEDGE)						
	59	3	3S-9557	4	SCREW-PAN HEAD (4-40X0.5-IN)						
	60	3	4B-2041	4	NUT (6-32-THD)						
C	61	3	4B-2049	10	NUT (10-32-THD)						
	62	4	4P-7581	1	CLIP						
	63	2,3	4P-8134	3	CLIP						
M	64	3	5C-9553	3	BOLT (M6X1X16-MM)						
C	65	3	6B-4540	4	NUT (4-40-THD)						
C	66	3	6D-6146	5	SCREW-MACHINE (10-32X1.25-IN)						
	67	3	6T-3643	1	CIRCUIT BREAKER AS (15-AMPERE)						
					(A/C, HEATER CONTROL)						
	67A	3	6T-3643	1	CIRCUIT BREAKER AS (15-AMPERE) (SEAT BREAKER)						
					(EACH CIRCUIT BREAKER AS INCLUDES)						
		3	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)						
		3	9B-7233	2	LOCKWASHER						
C	68	3	6T-3644	1	CIRCUIT BREAKER AS (20-AMPERE)						
					(AIR CONDITIONER)						
		3	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)						
		3	9B-7233	2	LOCKWASHER						
	69	4,5	6V-2687	12	SCREW-PAN HEAD (10-24X1-IN)						
	70	3	6V-5645	4	SCREW-MACHINE (10-32X0.87-IN)						
	71	5	7C-4354	1	CLIP						
	72	2	7D-7233	1	CLIP						

ELECTRICAL AND STARTING SYSTEM

235-1051 WIRING GP-CAB (contd.)

i02730644

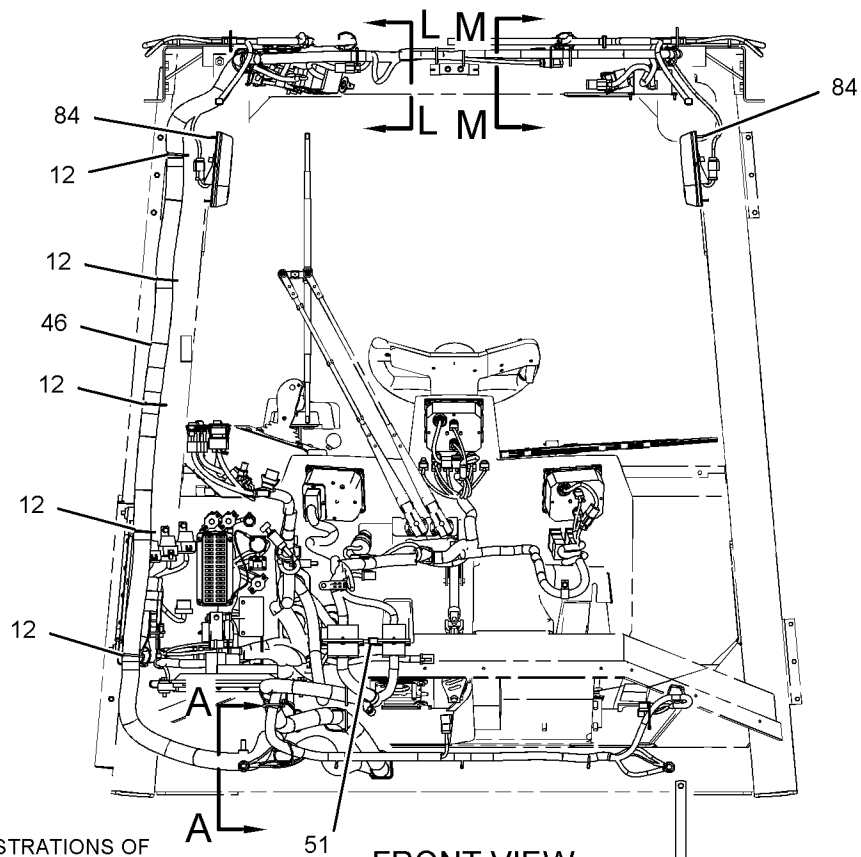
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	73	3	7X-2534	2	BOLT (M6X1X50-MM)						
	74	2,3	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
M	75	3	8T-4137	1	BOLT (M10X1.5X20-MM)						
M	76	2	8T-4195	1	BOLT (M10X1.5X30-MM)						
	77	2,4	8T-4223	3	WASHER-HARD (13.5X25.5X3-MM THK)						
	78	5	8T-4224	1	WASHER-HARD (8.8X16X2-MM THK)						
M	79	2,4	8T-4244	3	NUT (M12X1.75-THD)						
M	80	5	8T-6869	1	BOLT (M8X1.25X60-MM)						
C	81	3	9M-5870	5	GROMMET						
	82	2	9N-0869	8	WASHER-HARD (8.8X25.5X2-MM THK)						
	83	5	9W-1991	1	SPACER (10.7X17.1X40-MM THK)						
M	84	1,4	9X-1046	18	SCREW (M4X0.7X18-MM)						
	85	3	9X-6477	4	SCREW-MACHINE (6-32X0.375-IN)						
	86	3	9X-8256	5	WASHER (6.6X12X2-MM THK)						
	87	3	9X-8486	6	SCREW-MACHINE (8-32X0.75-IN)						

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

ELECTRICAL AND STARTING SYSTEM

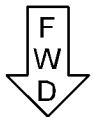
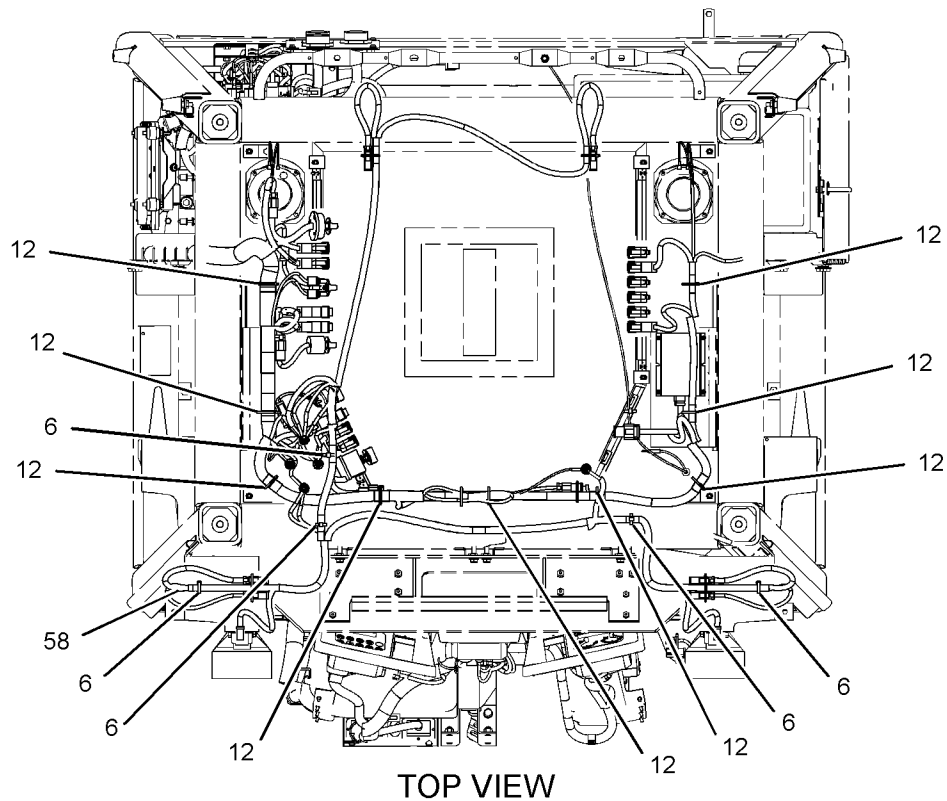
235 - 1051 WIRING GP - CAB (contd.)

i02730644



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

FRONT VIEW



TOP VIEW

GRAPHIC #1

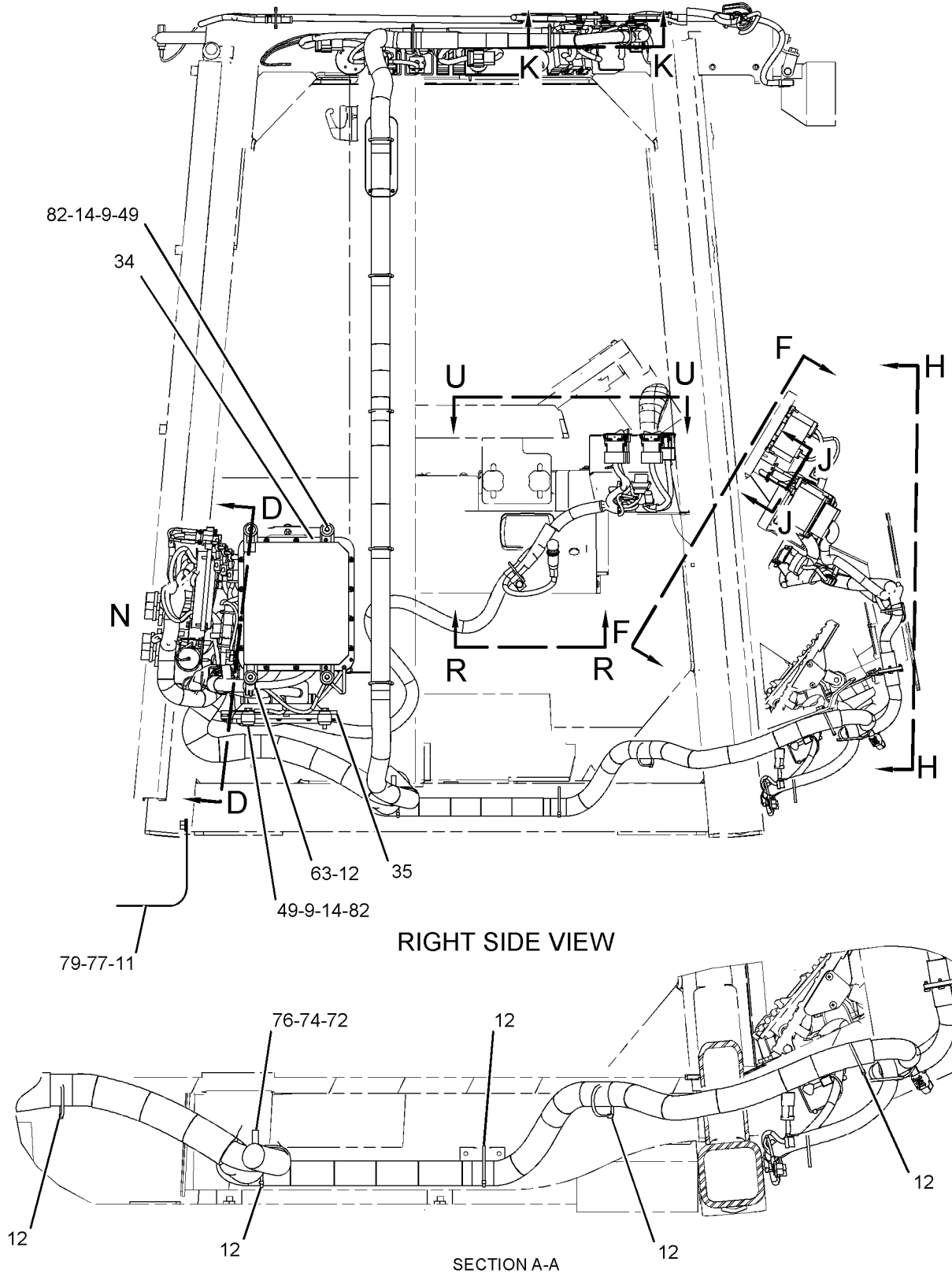
g01375812

ELECTRICAL AND STARTING SYSTEM

235 - 1051 WIRING GP - CAB (contd.)

i02730644

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



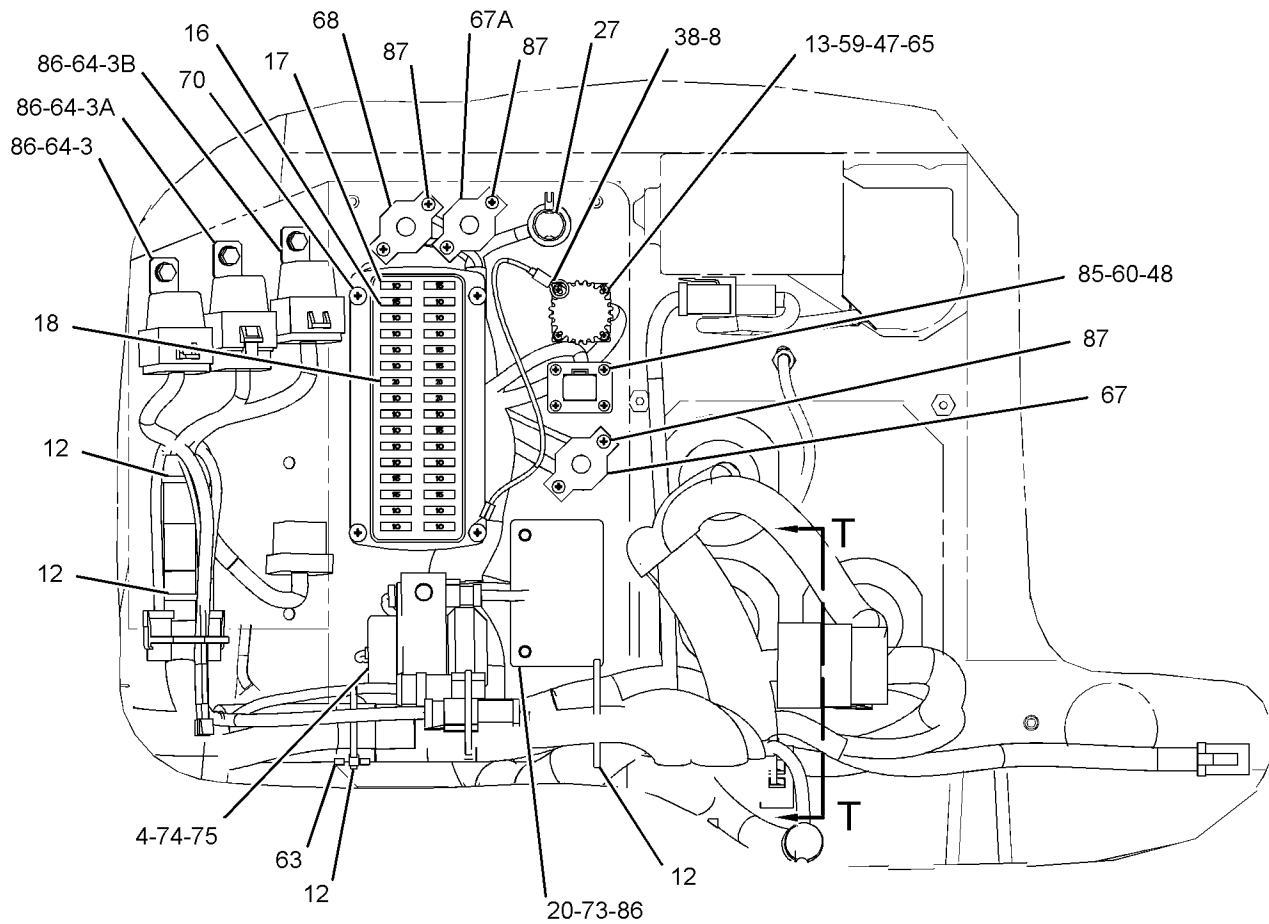
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g01375813

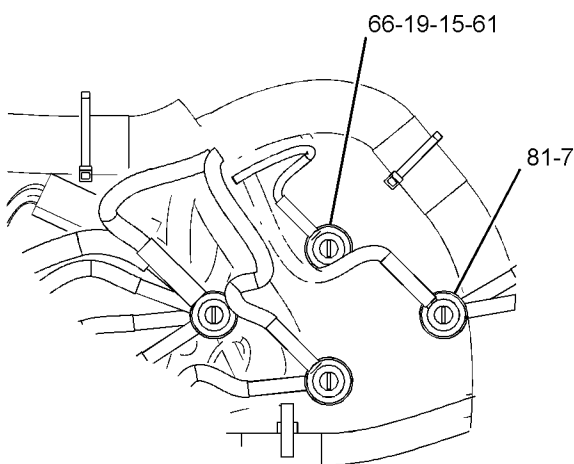
ELECTRICAL AND STARTING SYSTEM

235 - 1051 WIRING GP - CAB (contd.)

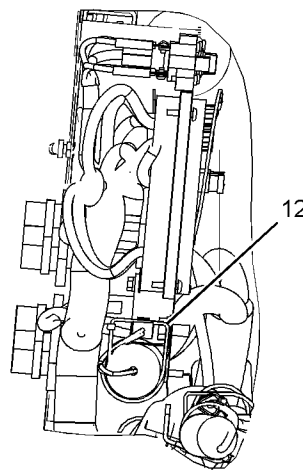
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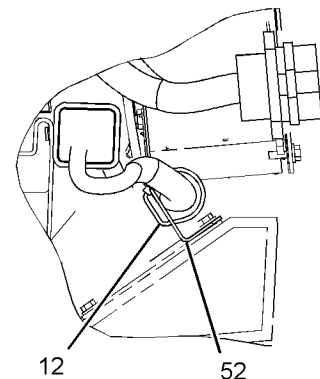
SECTION D-D



SECTION K-K



VIEW OF AREA N



SECTION T-T

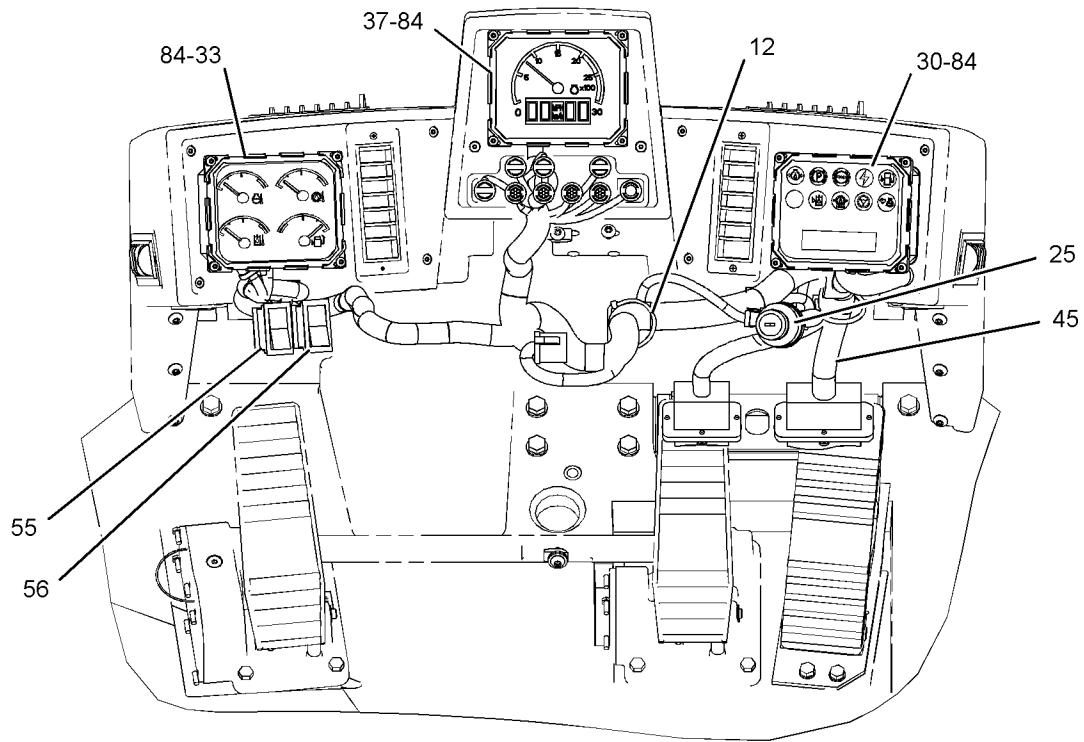
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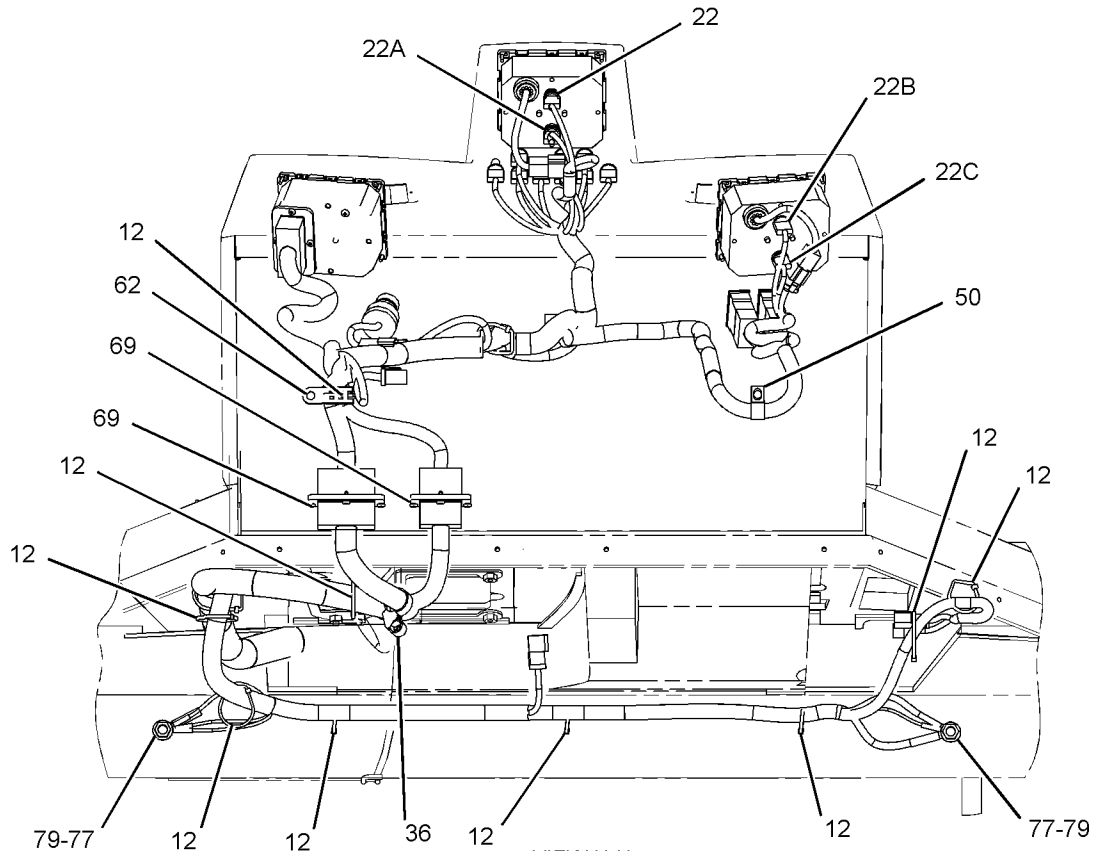
ELECTRICAL AND STARTING SYSTEM

235 - 1051 WIRING GP - CAB (contd.)

i02730644



VIEW F-F



VIEW H-H

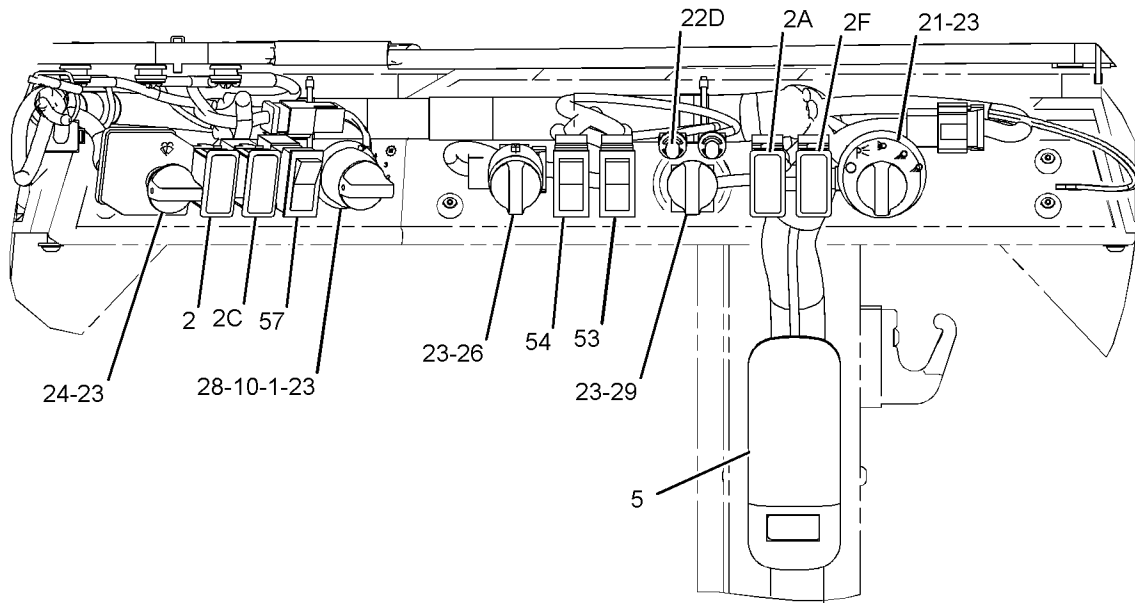
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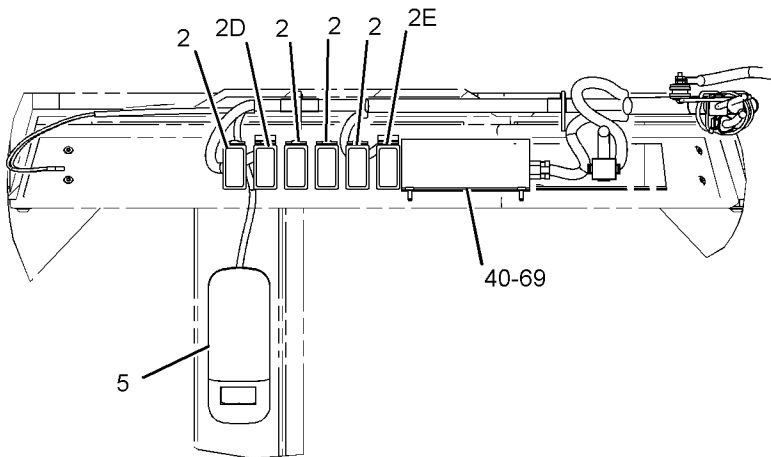
ELECTRICAL AND STARTING SYSTEM

235 - 1051 WIRING GP - CAB (contd.)

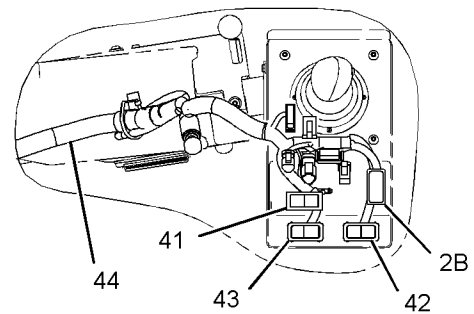
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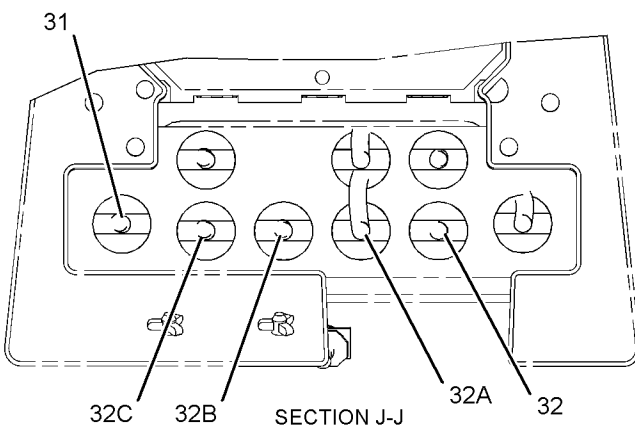
SECTION L-L



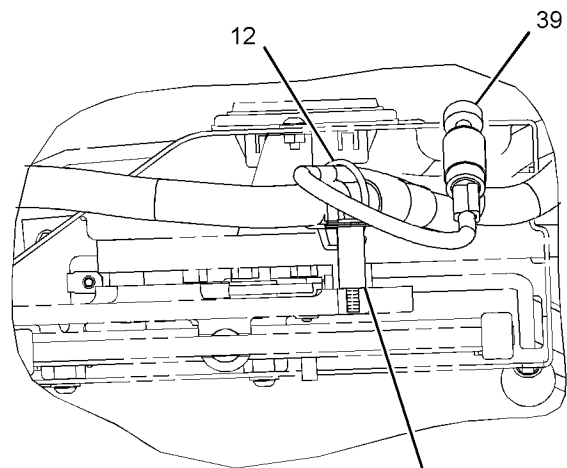
SECTION M-M



VIEW U-U



SECTION J-J



VIEW R-R

GRAPHIC #5

<END>

g01375816

ELECTRICAL AND STARTING SYSTEM

285-7425 WIRING GP - CAMERA

S/N: ASX1-UP

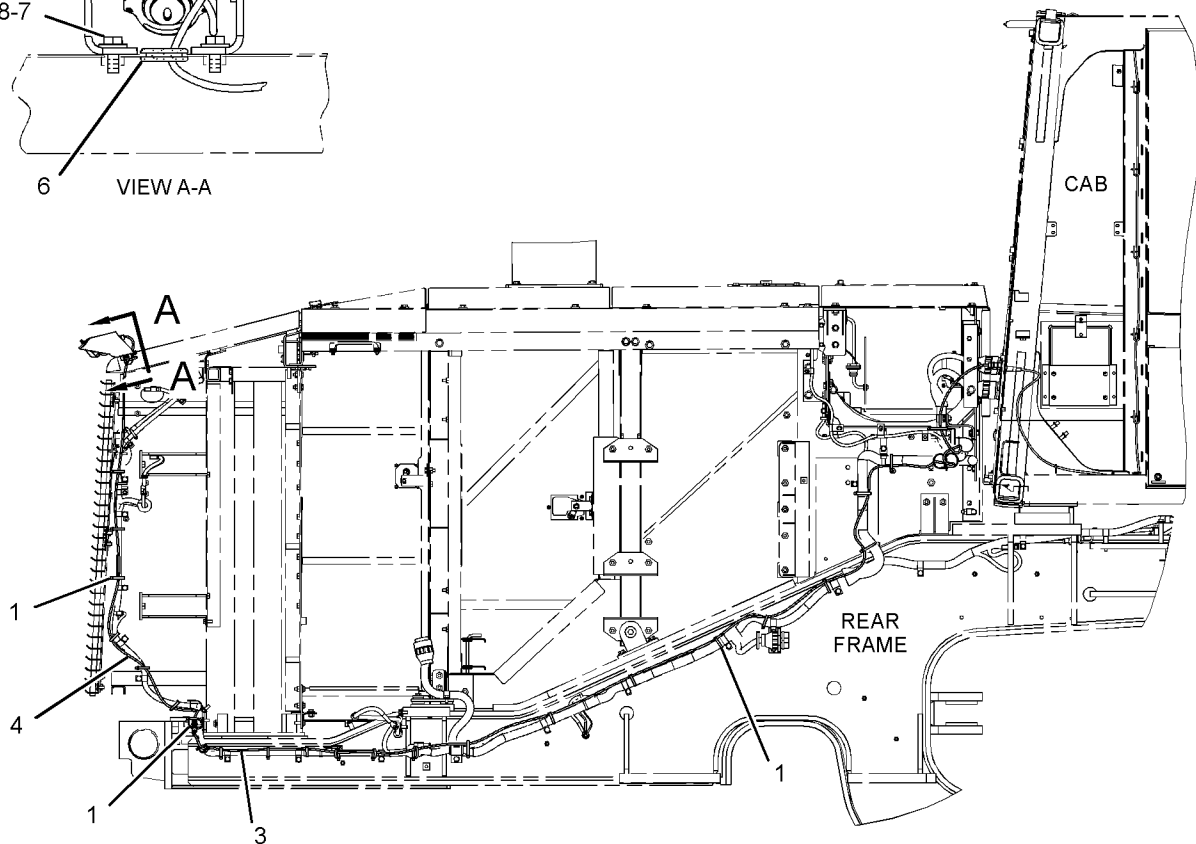
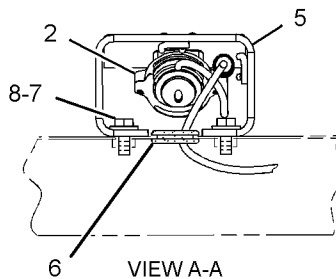
PART OF 285-7424 CAMERA AR
AN ATTACHMENT

SMCS-1408, 7348

i02683900

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	9X-6772	31	STRAP - CABLE	
J	2	1	251-4160	1	CAMERA GP (115-DEG, COLOR)	
	3	1	251-8248	1	CABLE AS-COMMUNICATION (5-M)	
	4	1	261-3223	1	CABLE AS-COMMUNICATION (3-M)	
	5	1	268-9063	1	BRACKET AS	
	6	1	2D-0388	1	GROMMET	
	7	1	7X-7729	4	WASHER (11X25X3-MM THK)	
M	8	1	8T-4136	4	BOLT (M10X1.5X25-MM)	
AVAILABLE REPAIR KIT(S) :						
J			251-4162	1	KIT-BRACKET	
(INCLUDES BRACKET, BOLTS, LOCK NUTS, SOCKET BOLTS, GASKET AND ALLEN KEY)						

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



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g01357637

ELECTRICAL AND STARTING SYSTEM

227-4424 WIRING GP-CHASSIS

S/N: ASX1-191

PART OF 226-9616 ELECTRICAL AR

SMCS-1408

i02279295

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	2	6W-8355	1	SHEET	
	3	2,3	7K-1181	7	STRAP-CABLE	
	4	3	9U-2276	1	CLIP AS	
	5	3	9X-6772	1	STRAP-CABLE	
	6	1	115-3072	1	CLIP AS-CONNECTOR (8-PIN)	
	7	3	116-4491	2	BRACKET AS	
Y	8	3	131-0427	1	SENSOR GP-TEMPERATURE (HYDRAULIC OIL)	277
	9	3	133-8645	1	BRACKET AS	
Y	10	2	164-7577	1	SWITCH GP-BYPASS (POWER TRAIN OIL FILTER)	295
	11	3	174-4312	1	SWITCH AS-PRESSURE (PARKING BRAKE OIL)	
		3	102-8803	1	KIT-RECEPTACLE (3-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
	12	3	175-3244	1	SWITCH AS-PRESSURE (SERVICE BRAKE OIL)	
		3	102-8803	1	KIT-RECEPTACLE (3-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
	13	3	190-6050	1	HARNESS AS-HYDRAULIC TANK (TEMPERATURE SENSOR)	
		3	102-8805	1	KIT-RECEPTACLE (6-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
	14	1	199-4888	1	HARNESS AS-BRAKE	
		1	102-8806	1	KIT-RECEPTACLE (8-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN) (EACH KIT INCLUDES PLUG AS AND WEDGE)	
	15	3	200-2326	1	BRACKET AS	
M		3	8T-3490	1	NUT-WELD (M10X1.5-THD)	
Y	16	1	263-4874	1	WIRING GP-RELAY PANEL	393
	17	1	263-4876	1	HARNESS AS-CHASSIS (MAIN)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)	
		1	102-8801	1	KIT-RECEPTACLE (12-PIN) (EACH KIT INCLUDES RECEPTACLE AS AND WEDGE)	
		1	8N-1514	1	PLUG AS-CONNECTOR (37-PIN)	
		1	8N-1518	3	PLUG AS-CONNECTOR (25-PIN)	
		1	8N-1521	4	BELL AS-END (2-GA)	
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2265	1	KIT-CONNECTING PLUG (8-PIN)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN) (EACH KIT INCLUDES PLUG AS AND WEDGE)	
	18	1,3	033-8248	2	CLIP	
	19	1,2,3	130-5300	7	CLIP	
	20	3	147-0385	1	CLIP	
	21	2	160-8708	1	BRACKET AS	
M		2	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	22	1,2	1S-0994	5	CLIP	
	23	3	3J-1907	3	SEAL-O-RING	
	24	3	3P-2404	1	CLIP	
	25	1	4D-7794	4	CLIP	
	26	3	4D-8123	1	CLIP	
	27	2	4D-9517	3	CLIP	
	28	2	4K-8864	3	CLIP	
	29	2,3	5P-9085	4	CLIP	
	30	2,3	6V-1889	9	CLIP	
	31	2,3	6V-2383	4	CLIP	

ELECTRICAL AND STARTING SYSTEM

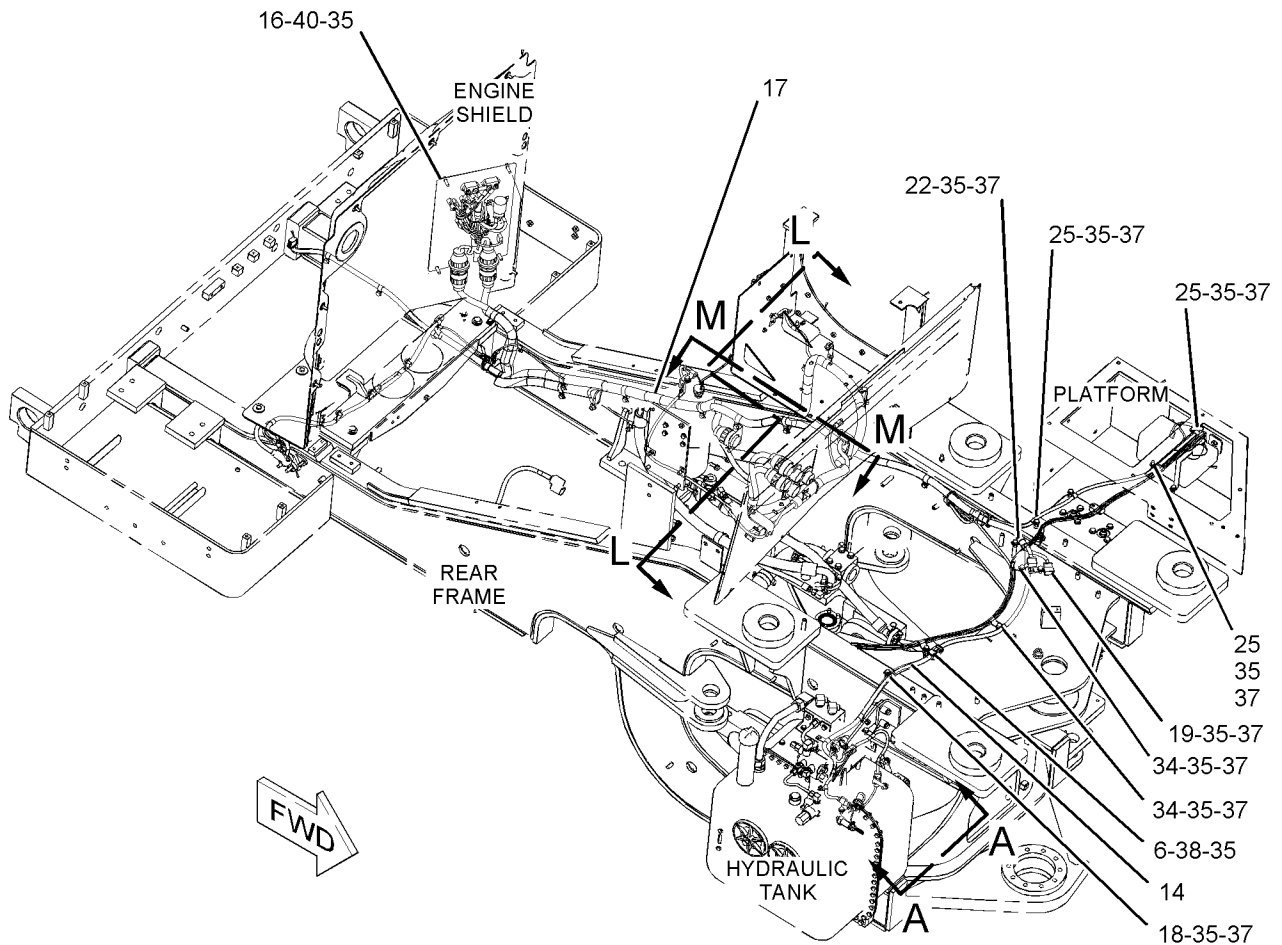
227-4424 WIRING GP-CHASSIS (contd.)

i02279295

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
M	32	3	7X-2548	2	BOLT (M12X1.75X16-MM)	
	33	3	7X-7729	1	WASHER (11X25X3-MM THK)	
	34	1,2	8M-2770	4	CLIP	
	35	1,2,3	8T-4121	46	WASHER-HARD (11X21X2.5-MM THK)	
M	36	2,3	8T-4136	6	BOLT (M10X1.5X25-MM)	
M	37	1,2,3	8T-4137	35	BOLT (M10X1.5X20-MM)	
M	38	1	8T-4186	1	BOLT (M10X1.5X40-MM)	
M	39	3	8T-4195	1	BOLT (M10X1.5X30-MM)	
M	40	1	8T-4196	4	BOLT (M10X1.5X35-MM)	
	41	2,3	8T-4223	3	WASHER-HARD (13.5X25.5X3-MM THK)	
M	42	2	8T-4244	1	NUT (M12X1.75-THD)	
	43	2	9X-8250	2	CLIP	

M-METRIC PART
Y-SEPARATE ILLUSTRATION

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



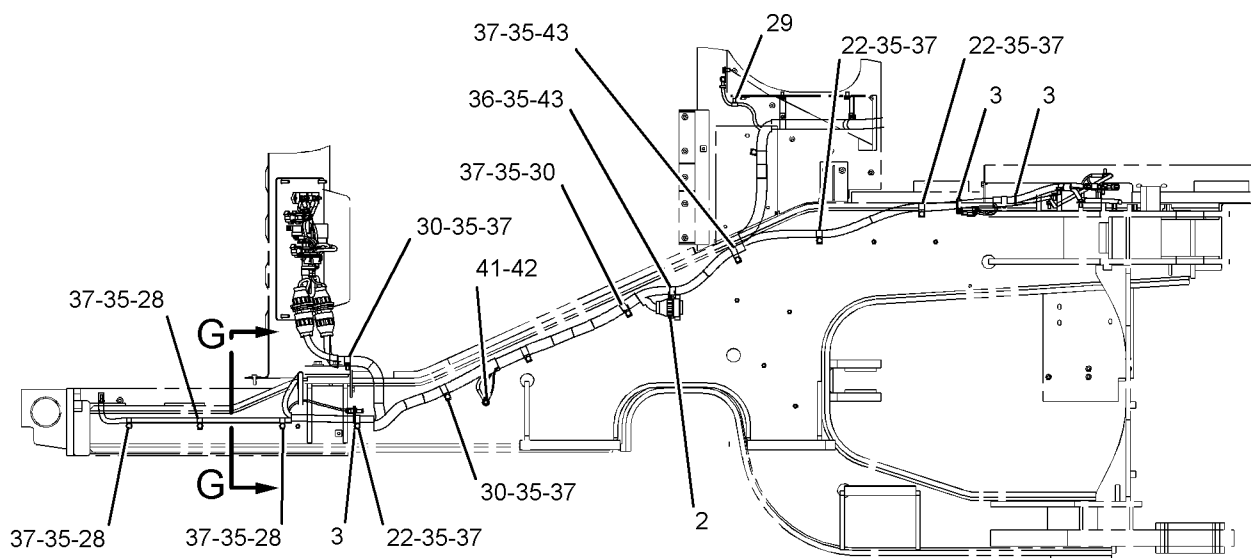
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g01118863

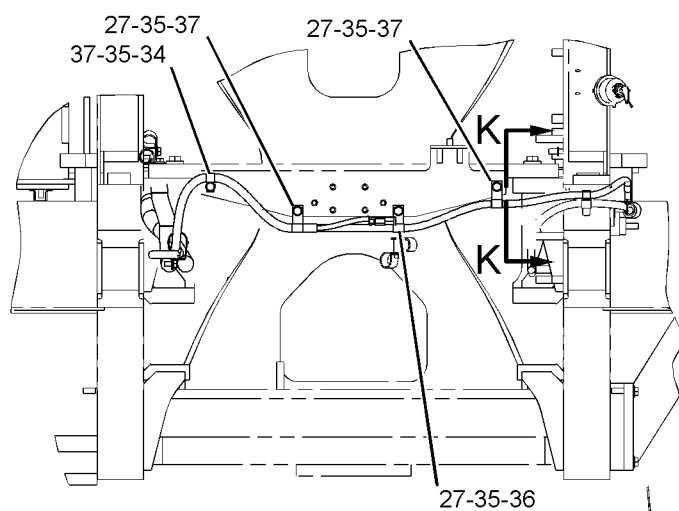
ELECTRICAL AND STARTING SYSTEM

227-4424 WIRING GP-CHASSIS (contd.)

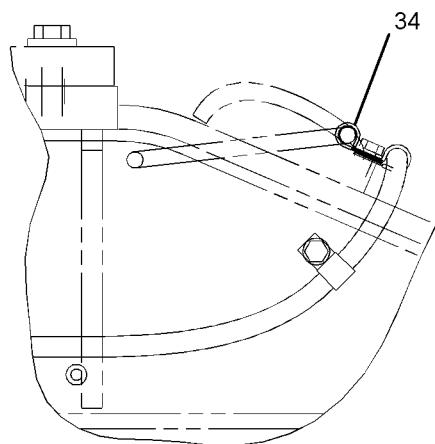
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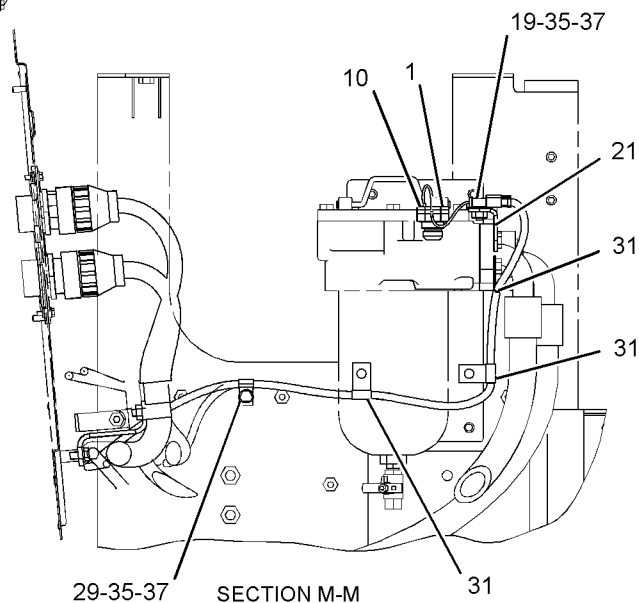
INSIDE LH VIEW OF FRAME



SECTION G-G



SECTION K-K



SECTION M-M

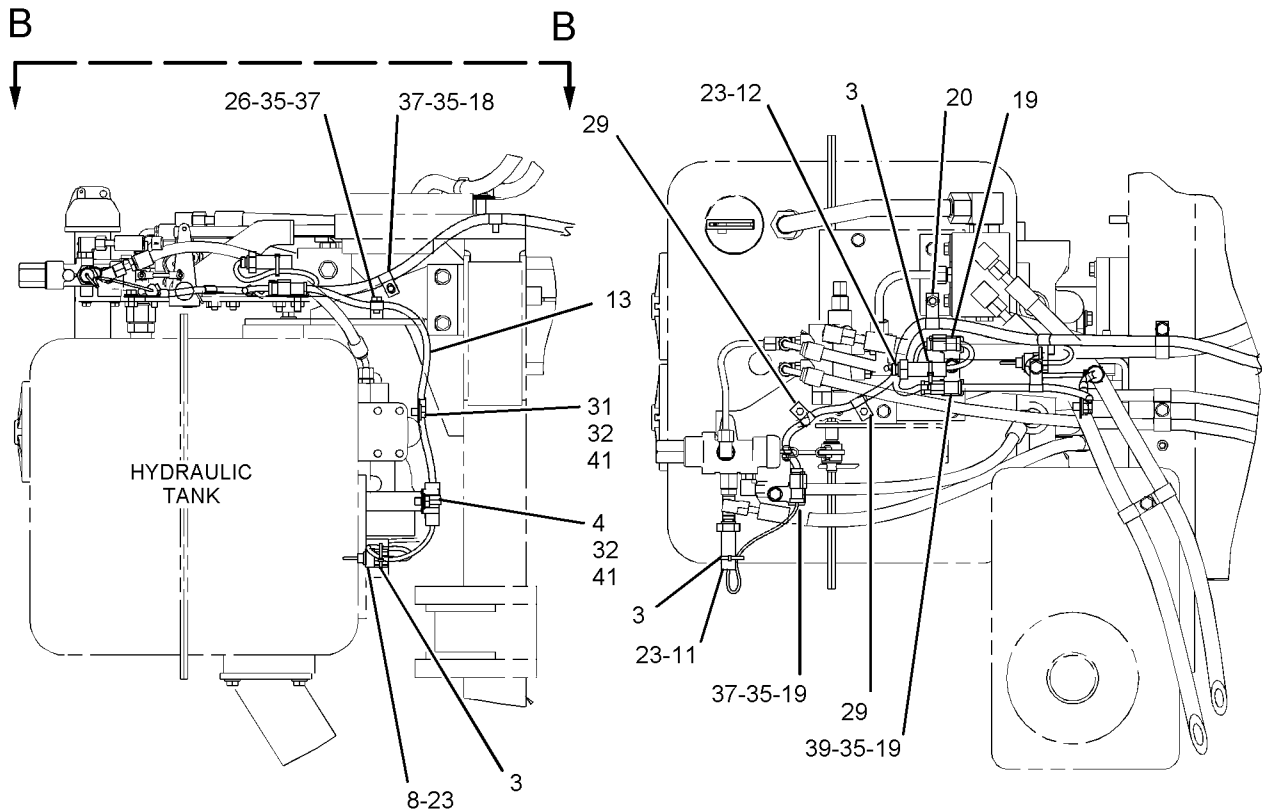
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g01118864

ELECTRICAL AND STARTING SYSTEM

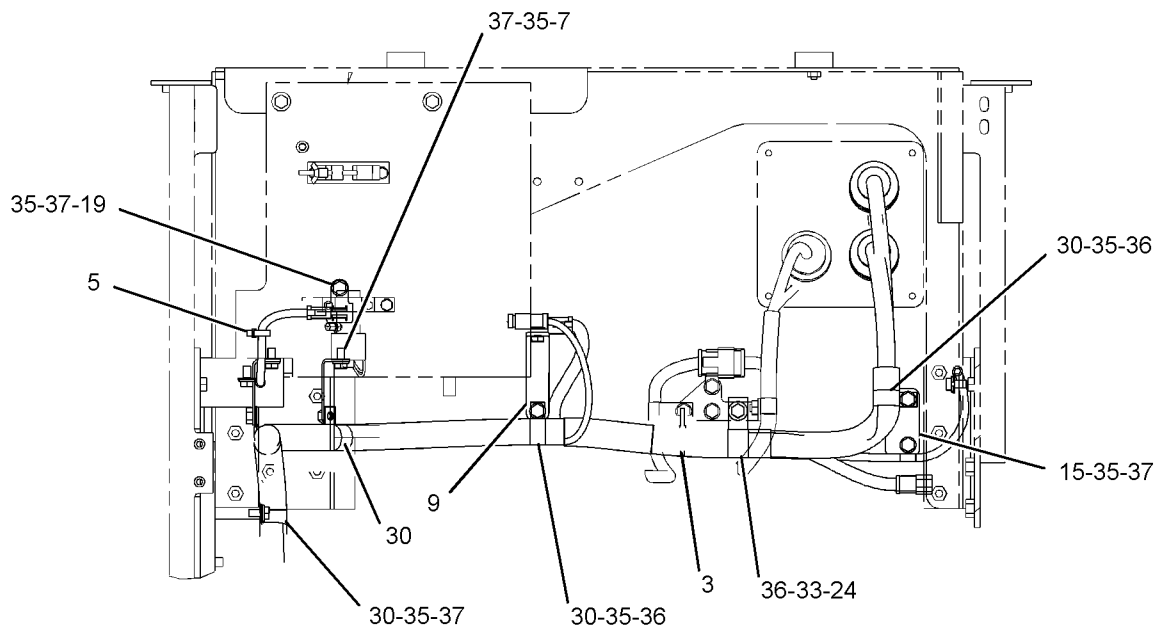
227-4424 WIRING GP-CHASSIS (contd.)

i02279295



VIEW A-A

VIEW B-B



SECTION L-L

GRAPHIC #3

<END>

g01118865

ELECTRICAL AND STARTING SYSTEM

227-4424 WIRING GP-CHASSIS

S/N: ASX192-UP

PART OF 226-9616 ELECTRICAL AR

SMCS-1408

i02459552

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	6W-8355	1	SHEET	
C	3	1, 3	7K-1181	5	STRAP-CABLE	
	4	3	9U-2276	1	CLIP AS	
	5	2	9X-6772	1	STRAP-CABLE	
	6	1	115-3072	1	CLIP AS-CONNECTOR (8-PIN)	
C	7	2	116-4491	3	BRACKET AS	
Y	8	3	131-0427	1	SENSOR GP-TEMPERATURE (HYDRAULIC OIL)	277
Y	9	2	164-7577	1	SWITCH GP-BYPASS (POWER TRAIN OIL FILTER)	295
	10	3	174-4312	1	SWITCH AS-PRESSURE (PARKING BRAKE OIL)	
		3	102-8803	1	KIT-RECEPTACLE (3-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
	11	3	175-3244	1	SWITCH AS-PRESSURE (SERVICE BRAKE OIL)	
		3	102-8803	1	KIT-RECEPTACLE (3-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
	12	3	190-6050	1	HARNESS AS-HYDRAULIC TANK (TEMPERATURE SENSOR)	
		3	102-8805	1	KIT-RECEPTACLE (6-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
	13	1	199-4888	1	HARNESS AS-BRAKE	
		1	102-8806	1	KIT-RECEPTACLE (8-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN) (EACH KIT INCLUDES PLUG AS AND WEDGE)	
	14	2	200-2326	1	BRACKET AS	
M		2	8T-3490	1	NUT-WELD (M10X1.5-THD)	
Y	15	1	263-4874	1	WIRING GP-RELAY PANEL	393
	16	1	263-4876	1	HARNESS AS-CHASSIS (MAIN)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)	
		1	102-8801	1	KIT-RECEPTACLE (12-PIN) (EACH KIT INCLUDES RECEPTACLE AS AND WEDGE)	
		1	8N-1514	1	PLUG AS-CONNECTOR (37-PIN)	
		1	8N-1518	3	PLUG AS-CONNECTOR (25-PIN)	
		1	8N-1521	4	BELL AS-END (2-GA)	
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2265	1	KIT-CONNECTING PLUG (8-PIN)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN) (EACH KIT INCLUDES PLUG AS AND WEDGE)	
	17	1, 3	033-8248	2	CLIP	
C	18	1, 2, 3	130-5300	10	CLIP	
	19	3	147-0385	1	CLIP	
	20	2	160-8708	1	BRACKET AS	
M		2	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	21	1	1S-0994	5	CLIP	
	22	3	3J-1907	3	SEAL-O-RING	
C	23	2	3P-2404	2	CLIP	
	24	1	4D-7794	4	CLIP	
	25	3	4D-8123	1	CLIP	
	26	4	4D-9517	3	CLIP	
C	27	1, 4	4K-8864	4	CLIP	
C	28	1	5P-7854	3	CLIP	
	29	1, 2, 3	5P-9085	4	CLIP	
C	30	1, 2	6V-1889	5	CLIP	
	31	2, 3	6V-2383	4	CLIP	

ELECTRICAL AND STARTING SYSTEM

227-4424 WIRING GP-CHASSIS (contd.)

i02459552

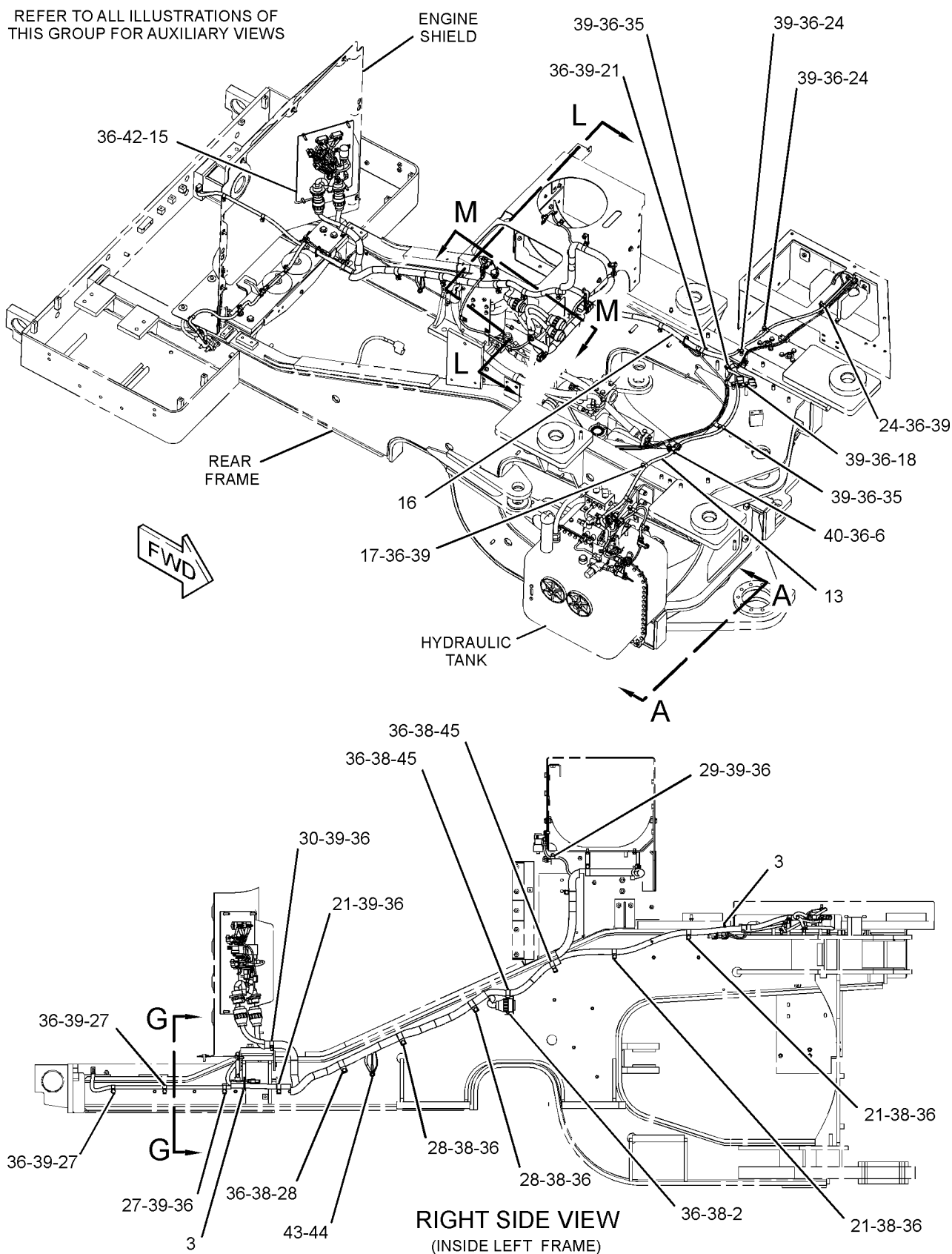
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	32	2	7X-0507	1	WASHER-HARD (12X22.5X5-MM THK)						
M	33	3	7X-2548	2	BOLT (M12X1.75X16-MM)						
	34	2	7X-7729	1	WASHER (11X25X3-MM THK)						
C	35	1,4	8M-2770	3	CLIP						
C	36	1,2,3,4	8T-4121	49	WASHER-HARD (11X21X2.5-MM THK)						
CM	37	2	8T-4133	1	NUT (M10X1.5-THD)						
CM	38	1,2,3,4	8T-4136	16	BOLT (M10X1.5X25-MM)						
CM	39	1,2,3	8T-4137	27	BOLT (M10X1.5X20-MM)						
M	40	1,2	8T-4186	2	BOLT (M10X1.5X40-MM)						
M	41	3	8T-4195	1	BOLT (M10X1.5X30-MM)						
M	42	1	8T-4196	4	BOLT (M10X1.5X35-MM)						
	43	1,3	8T-4223	3	WASHER-HARD (13.5X25.5X3-MM THK)						
M	44	1	8T-4244	1	NUT (M12X1.75-THD)						
	45	1	9X-8250	2	CLIP						

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

ELECTRICAL AND STARTING SYSTEM

227-4424 WIRING GP-CHASSIS (contd.)

i02459552



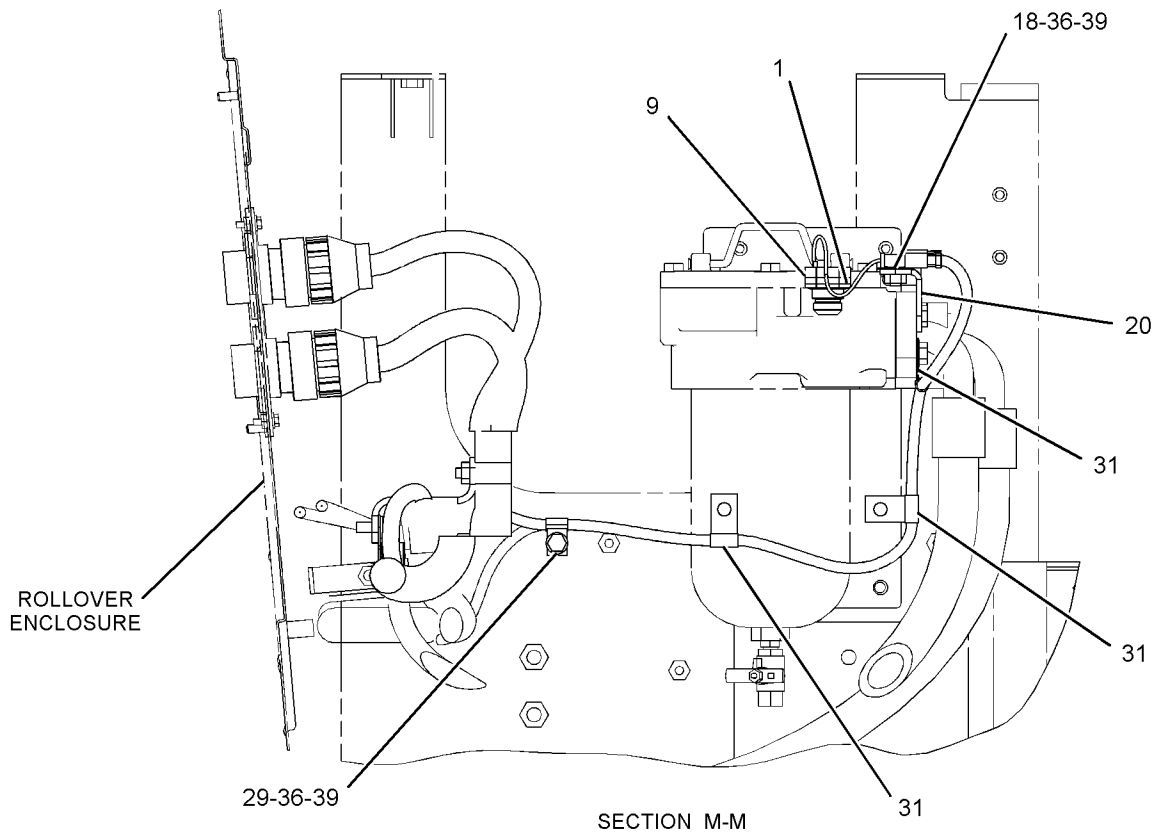
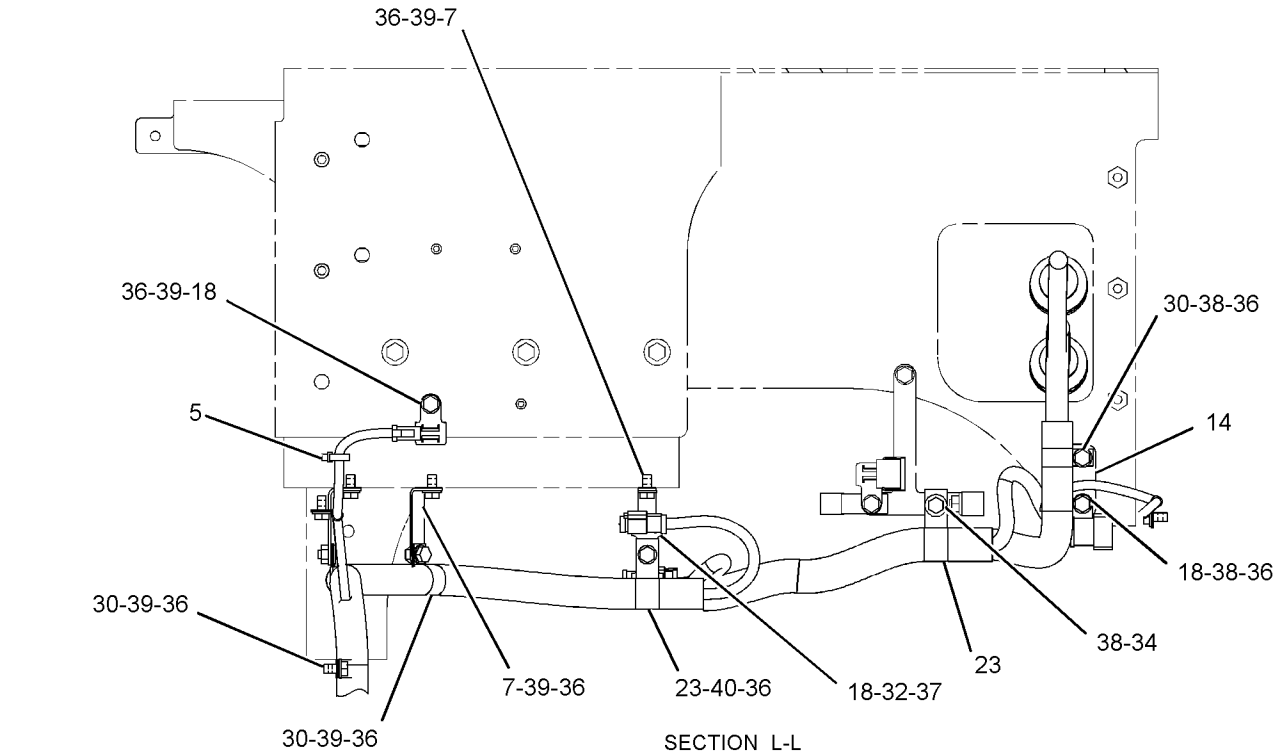
GRAPHIC #1

g01229892

ELECTRICAL AND STARTING SYSTEM

227-4424 WIRING GP-CHASSIS (contd.)

i02459552



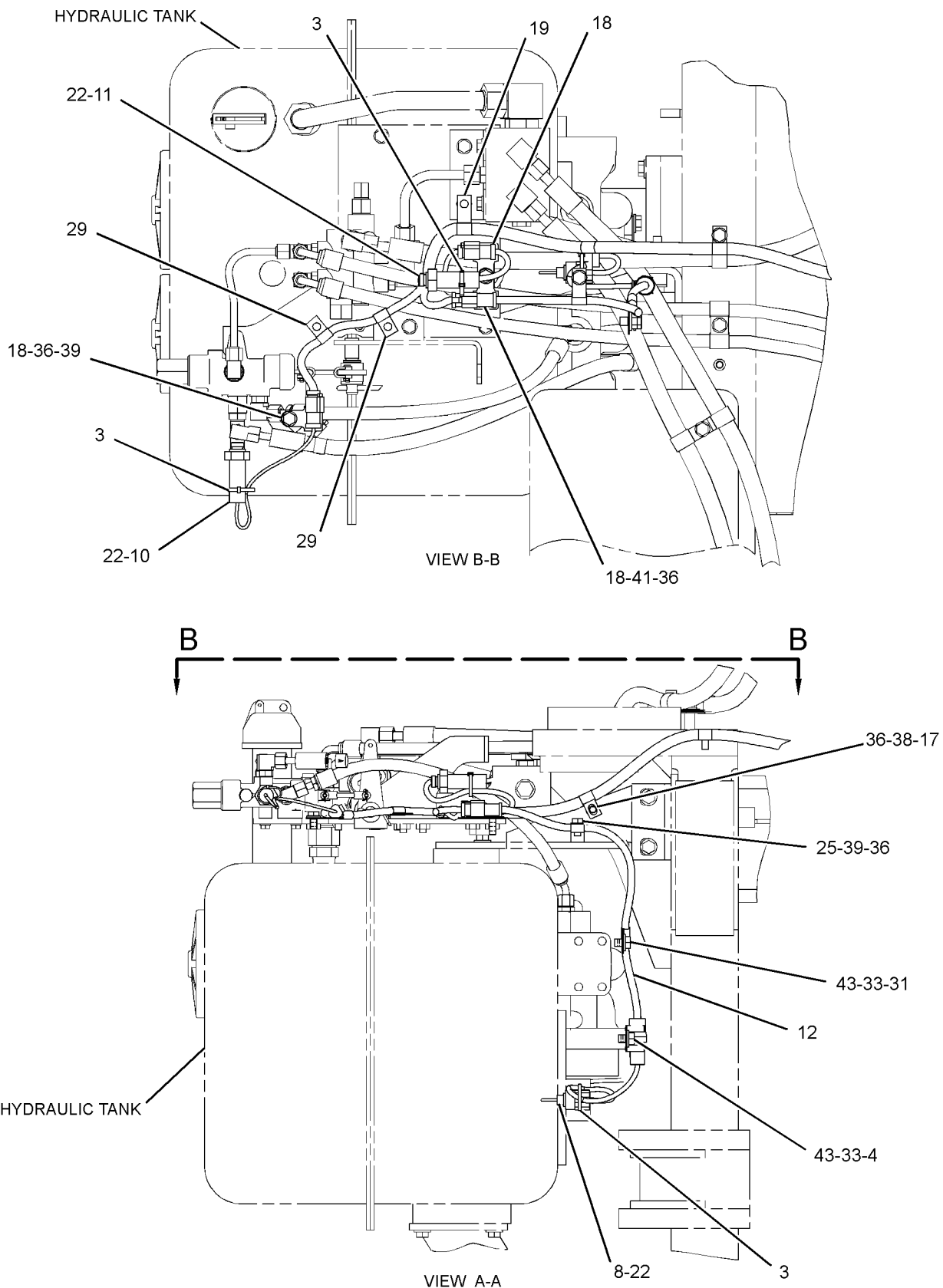
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ELECTRICAL AND STARTING SYSTEM

227-4424 WIRING GP-CHASSIS (contd.)

i02459552



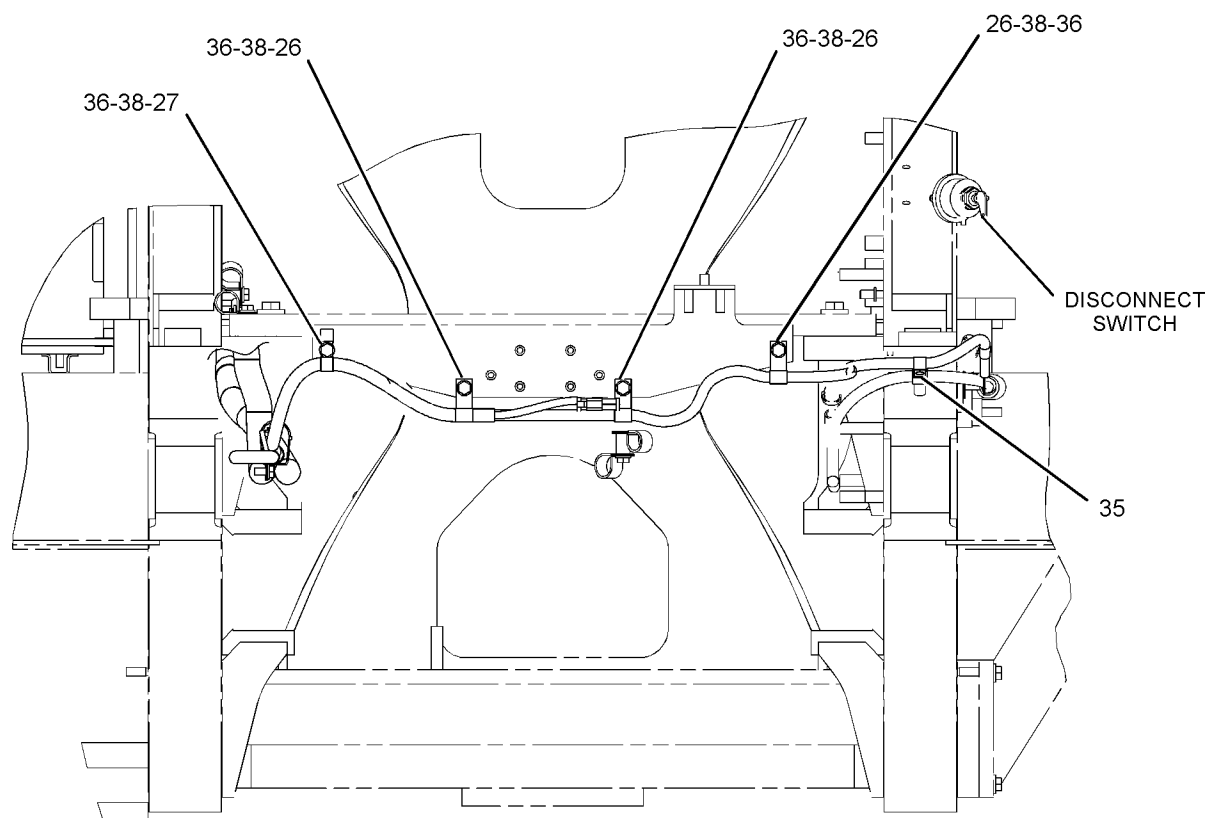
GRAPHIC #3

g01229895

ELECTRICAL AND STARTING SYSTEM

227-4424 WIRING GP-CHASSIS (contd.)

i02459552



SECTION G-G

GRAPHIC #4

<END>

g01229939

ELECTRICAL AND STARTING SYSTEM

227-4424 WIRING GP-CHASSIS

S/N: ASX192-299

PART OF 226-9616 ELECTRICAL AR

SMCS-1408

i02684011

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	4	6W-8355	1	SHEET	
C	2	3, 4	7K-1181	6	STRAP-CABLE	
	3	3	9U-2276	1	CLIP AS	
C	4	2	9X-6772	2	STRAP-CABLE	
	5	1	115-3072	1	CLIP AS-CONNECTOR (8-PIN)	
	6	2	116-4491	3	BRACKET AS	
C	7	4	124-3019	1	BRACKET AS	
Y	8	3	131-0427	1	SENSOR GP-TEMPERATURE (HYDRAULIC OIL)	277
Y	9	2	164-7577	1	SWITCH GP-BYPASS (POWER TRAIN OIL FILTER)	295
	10	3	174-4312	1	SWITCH AS-PRESSURE (PARKING BRAKE OIL)	
		3	102-8803	1	KIT-RECEPTACLE (3-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
	11	3	175-3244	1	SWITCH AS-PRESSURE (SERVICE BRAKE OIL)	
		3	102-8803	1	KIT-RECEPTACLE (3-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
	12	3	190-6050	1	HARNESS AS-HYDRAULIC TANK (TEMPERATURE SENSOR)	
		3	102-8805	1	KIT-RECEPTACLE (6-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
	13	1	199-4888	1	HARNESS AS-BRAKE	
		1	102-8806	1	KIT-RECEPTACLE (8-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN) (EACH KIT INCLUDES PLUG AS AND WEDGE)	
	14	2	200-2326	1	BRACKET AS	
M		2	8T-3490	1	NUT-WELD (M10X1.5-THD)	
Y	15	1	263-4874	1	WIRING GP-RELAY PANEL	393
	16	1	263-4876	1	HARNESS AS-CHASSIS (MAIN)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)	
		1	102-8801	1	KIT-RECEPTACLE (12-PIN) (EACH KIT INCLUDES RECEPTACLE AS AND WEDGE)	
		1	8N-1514	1	PLUG AS-CONNECTOR (37-PIN)	
		1	8N-1518	3	PLUG AS-CONNECTOR (25-PIN)	
		1	8N-1521	4	BELL AS-END (2-GA)	
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2265	1	KIT-CONNECTING PLUG (8-PIN)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN) (EACH KIT INCLUDES PLUG AS AND WEDGE)	
	17	1, 3	033-8248	2	CLIP	
	18	2, 3, 4	130-5300	10	CLIP	
	19	3	147-0385	1	CLIP	
C	20	4	149-7738	1	CLIP	
	21	2	160-8708	1	BRACKET AS	
M		2	8T-3490	1	NUT-WELD (M10X1.5-THD)	
C	22	4	1S-0994	8	CLIP	
C	23	4	2V-1771	2	GROMMET	
	24	3	3J-1907	3	SEAL-O-RING	
	25	2	3P-2404	2	CLIP	
	26	1, 4	4D-7794	4	CLIP	
	27	3	4D-8123	1	CLIP	
C	28	4	4K-8864	3	CLIP	
	29	4	5P-7854	3	CLIP	
	30	2, 3, 4	5P-9085	4	CLIP	
C	31	2	6V-1889	4	CLIP	

ELECTRICAL AND STARTING SYSTEM

227-4424 WIRING GP-CHASSIS (contd.)

i02684011

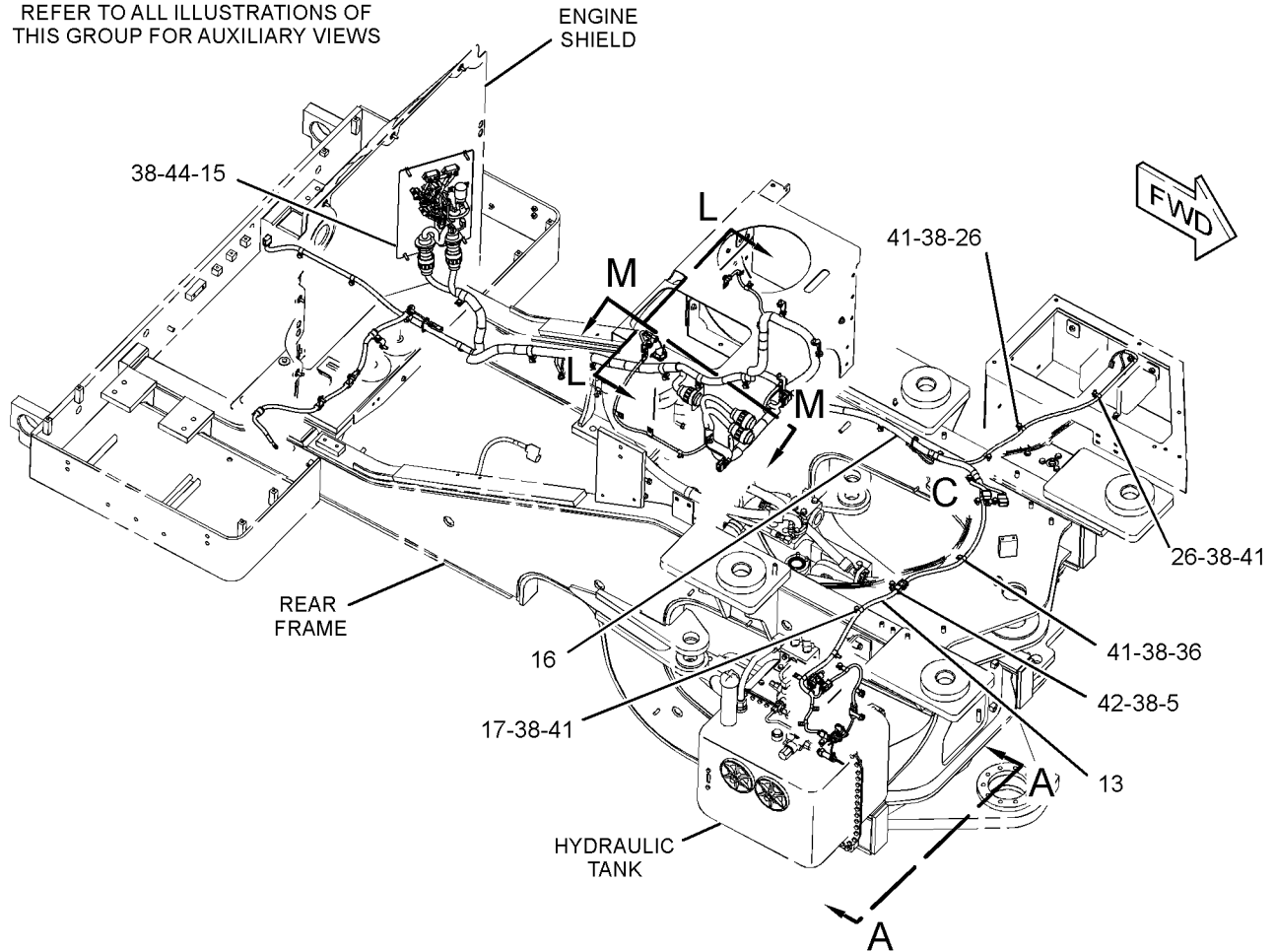
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	32	2, 3	6V-2383	4	CLIP						
	33	2	7X-0507	1	WASHER-HARD (12X22.5X5-MM THK)						
M	34	3	7X-2548	2	BOLT (M12X1.75X16-MM)						
	35	2	7X-7729	1	WASHER (11X25X3-MM THK)						
C	36	1, 4	8M-2770	2	CLIP						
C	37	4	8S-0948	2	CLIP						
C	38	1, 2, 3, 4	8T-4121	50	WASHER-HARD (11X21X2.5-MM THK)						
M	39	2	8T-4133	1	NUT (M10X1.5-THD)						
CM	40	2, 3, 4	8T-4136	17	BOLT (M10X1.5X25-MM)						
M	41	1, 2, 3, 4	8T-4137	27	BOLT (M10X1.5X20-MM)						
M	42	1, 2	8T-4186	2	BOLT (M10X1.5X40-MM)						
M	43	3	8T-4195	1	BOLT (M10X1.5X30-MM)						
M	44	1	8T-4196	4	BOLT (M10X1.5X35-MM)						
	45	3, 4	8T-4223	3	WASHER-HARD (13.5X25.5X3-MM THK)						
M	46	4	8T-4244	1	NUT (M12X1.75-THD)						
C	47	4	8W-8909	3	SLEEVE						
	48	4	9X-8250	2	CLIP						

C- CHANGE FROM PREVIOUS TYPE

M- METRIC PART

Y- SEPARATE ILLUSTRATION

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



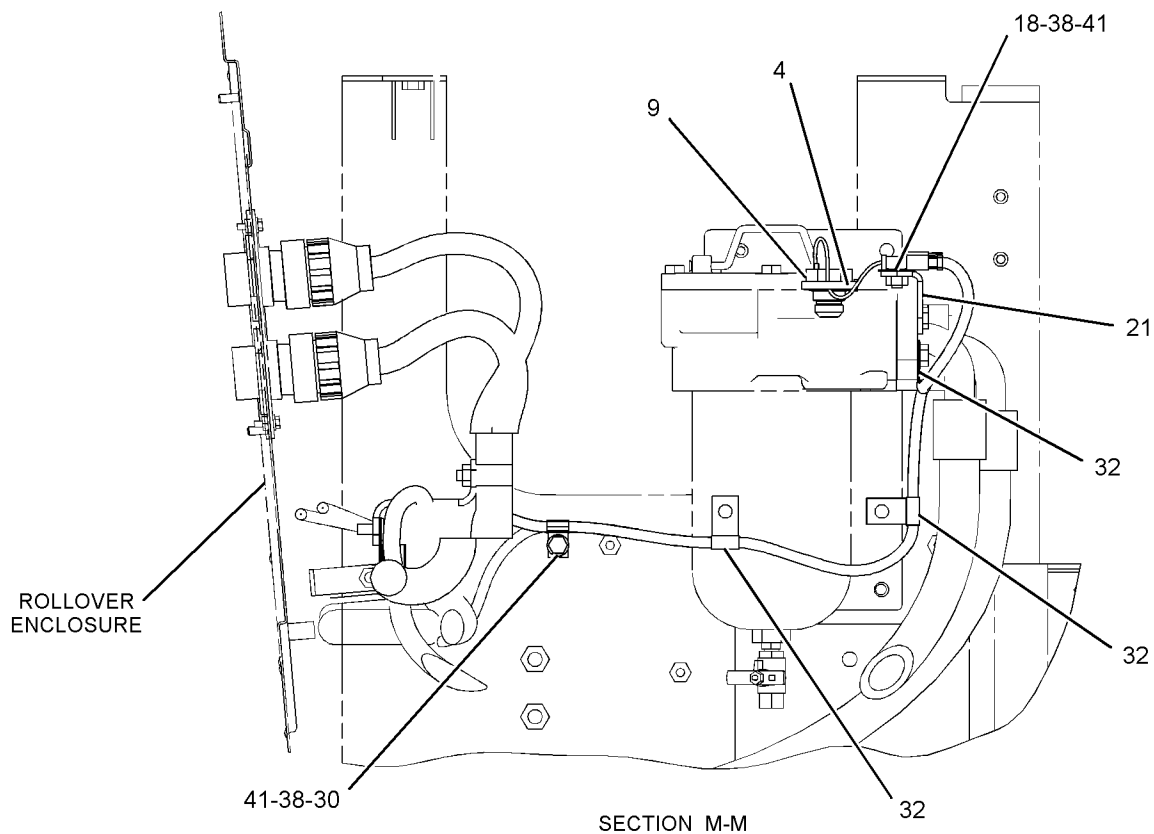
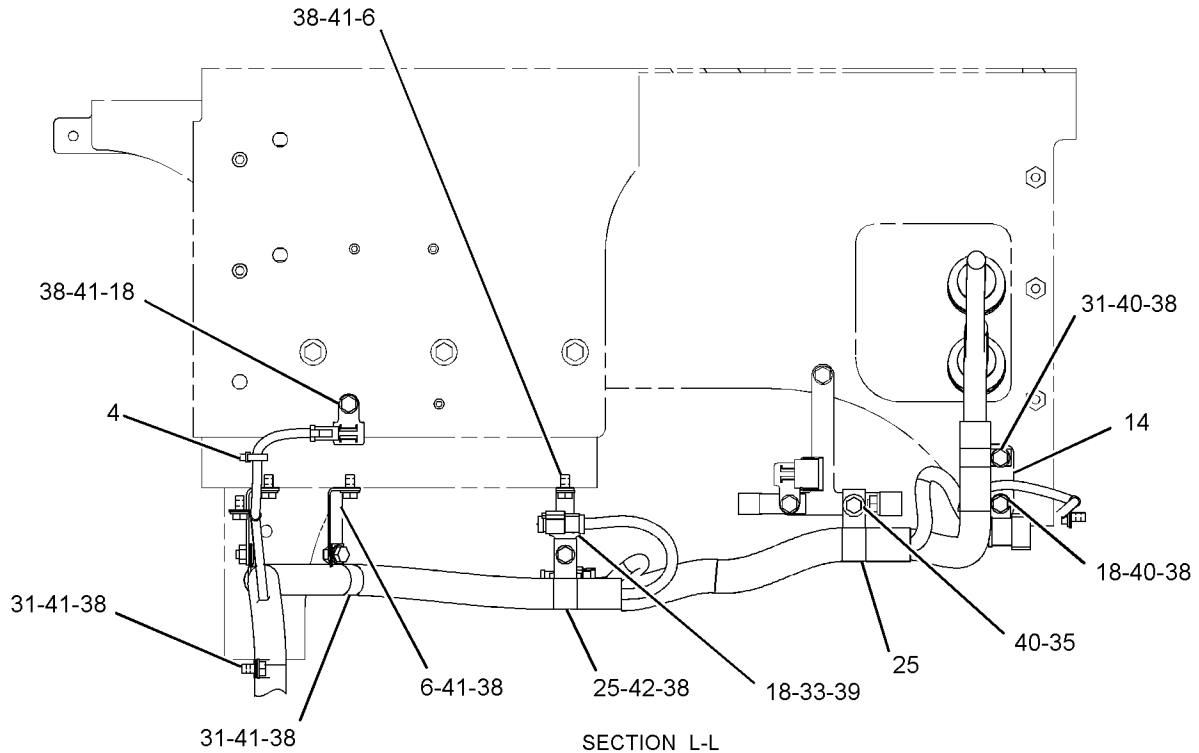
GRAPHIC #1

g01364810

ELECTRICAL AND STARTING SYSTEM

227-4424 WIRING GP-CHASSIS (contd.)

i02684011



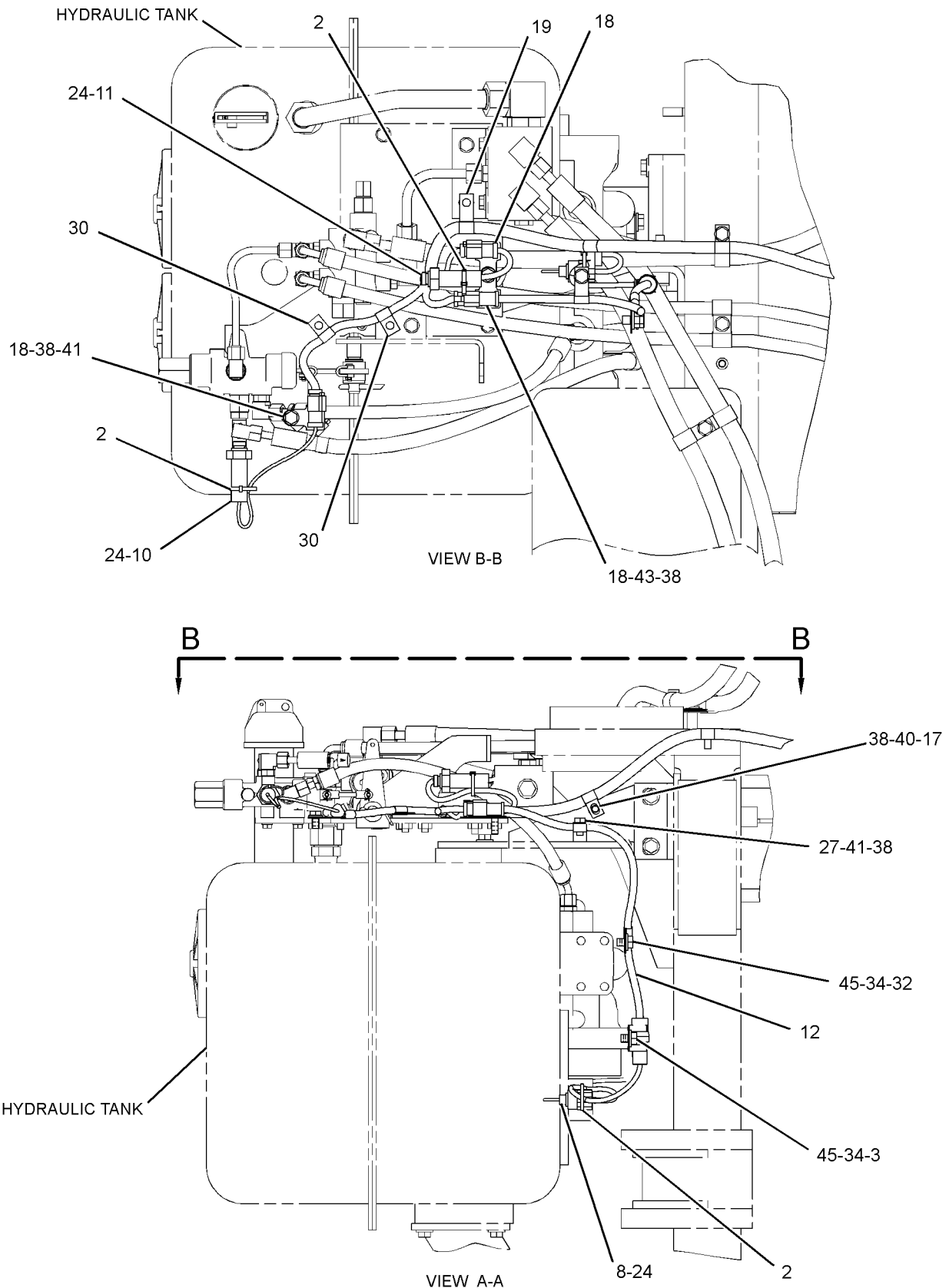
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ELECTRICAL AND STARTING SYSTEM

227-4424 WIRING GP-CHASSIS (contd.)

i02684011



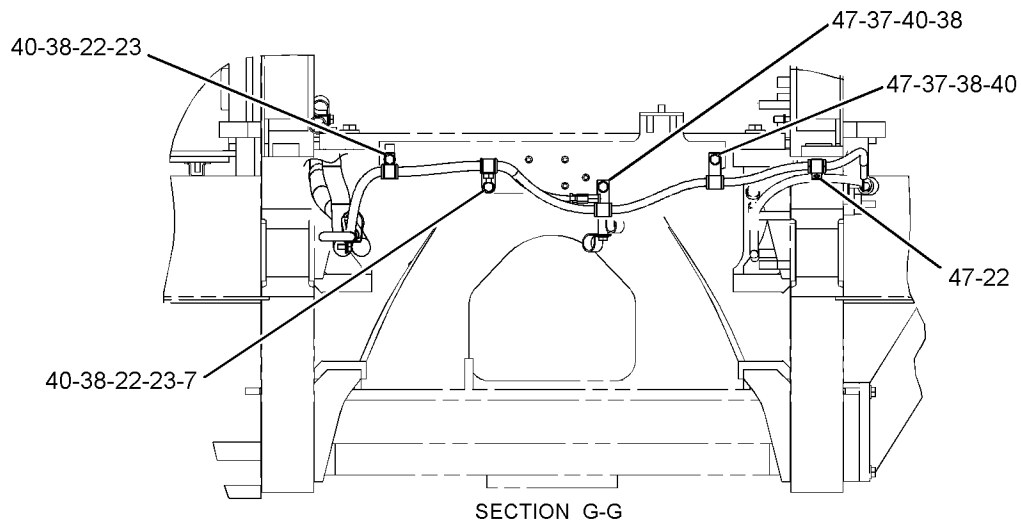
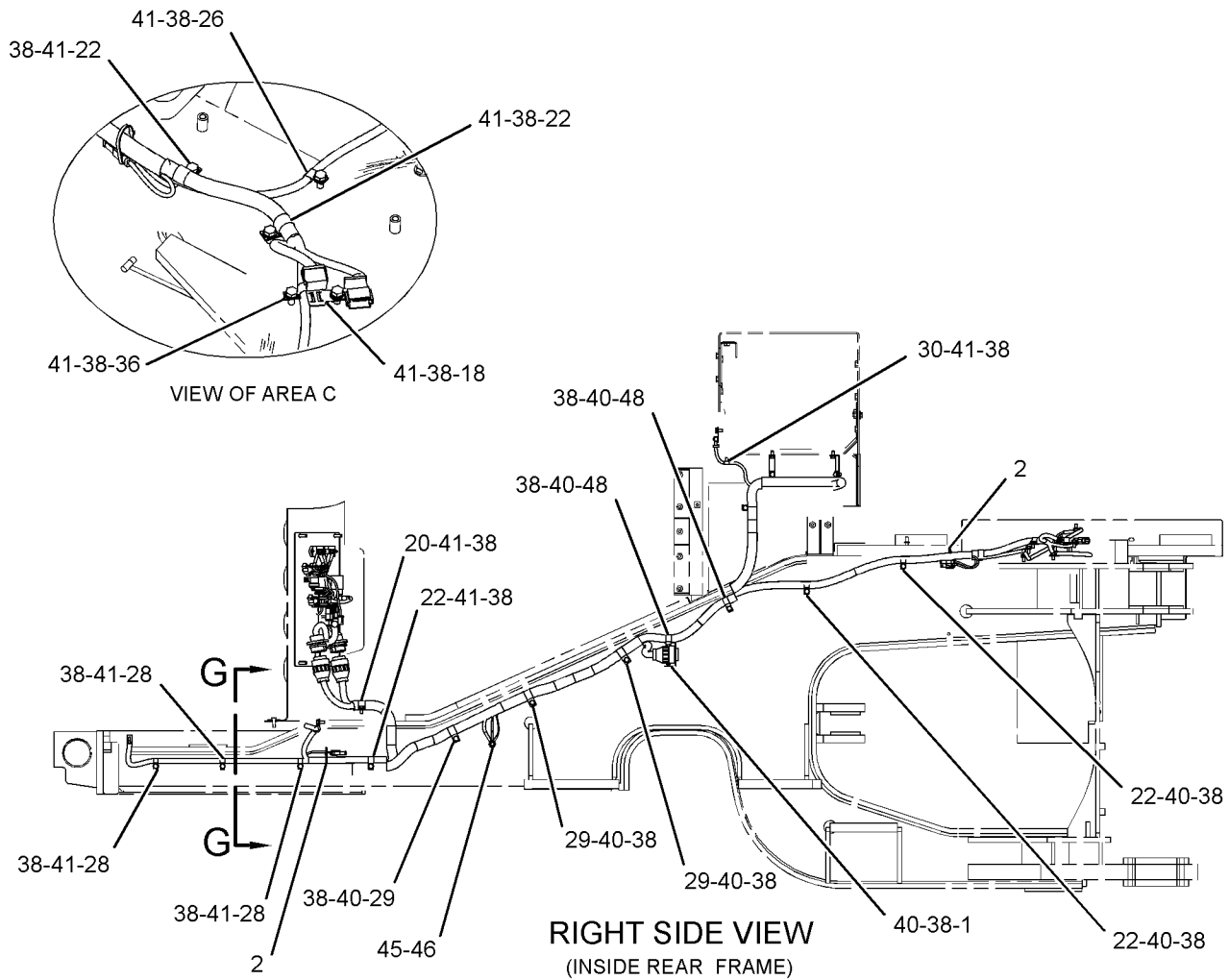
GRAPHIC #3

g01364813

ELECTRICAL AND STARTING SYSTEM

227-4424 WIRING GP-CHASSIS (contd.)

i02684011



GRAPHIC #4

<END>

g01364809

ELECTRICAL AND STARTING SYSTEM

240-0720 WIRING GP-COMMUNICATION-PRODUCT LINK 201

S/N: ASX1-UP

AN ATTACHMENT

SMCS-1408, 7606

i02281555

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	8C-5607	8	MOUNT-ISOLATION	
	2	1	8C-5608	4	SPACER (6.5X9.5X25.4-MM THK)	
	3	1	9X-6772	3	STRAP-CABLE	
	4	1	170-9198	2	PLATE	
	5	1	207-6796	1	ANTENNA AS (FLEXIBLE)	
	6	1	212-3290	1	BRACKET	
	8	1	240-0722	1	HARNESS AS-CONTROL (PRODUCT LINK 201)	
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)	
					(INCLUDES RECEPTACLE AS AND WEDGE)	
		1	7X-6222	1	PLUG AS-CONNECTOR (24-PIN)	
		1	8T-8737	18	PLUG-SEAL	
	9	1	130-5300	1	CLIP	
Y	10	1	242-7205	1	CONTROL GP-COMMUNICATION (PRODUCT LINK 201)	212
	12	1	3E-6753	1	GROMMET	
	13	1	5P-9297	6	CLIP	
	14	1	6V-3265	1	CLIP	
	15	1	8T-4121	7	WASHER-HARD (11X21X2.5-MM THK)	
M	16	1	8T-4133	1	NUT (M10X1.5-THD)	
M	17	1	8T-4136	1	BOLT (M10X1.5X25-MM)	
M	18	1	8T-4137	1	BOLT (M10X1.5X20-MM)	
M	19	1	8T-4138	4	BOLT (M6X1X20-MM)	
M	20	1	8T-4191	4	BOLT (M10X1.5X16-MM)	
M	21	1	9X-2480	4	BOLT (M6X1X45-MM)	
	22	1	9X-6165	4	WASHER (6.5X22X2.5-MM THK)	
	23	1	9X-8256	4	WASHER (6.6X12X2-MM THK)	

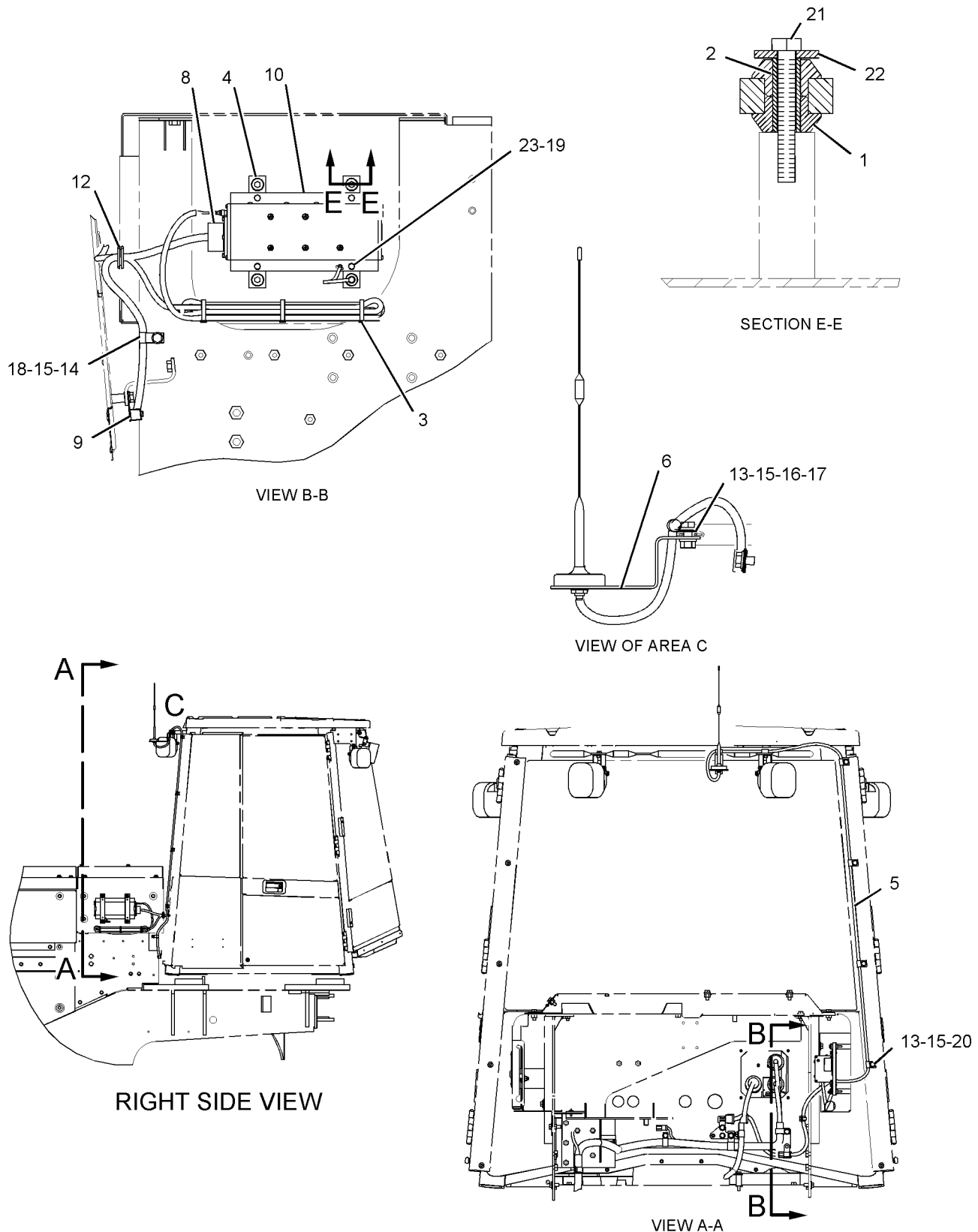
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

240-0720 WIRING GP-COMMUNICATION (contd.)

i02281555



GRAPHIC #1

<END>

g01032683

ELECTRICAL AND STARTING SYSTEM

269-6134 WIRING GP-COMMUNICATION-PRODUCT LINK 300

S/N: ASX1-191

PART OF 274-5046, 274-5057 INSTALLATION AR-COMMUNICATION
AN ATTACHMENT

SMCS-1408, 7606

i02763848

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	8C-5607	8	MOUNT-ISOLATION	
	2	1	8C-5608	4	SPACER (6.5X9.5X25.4-MM THK)	
	3	1	9X-6772	6	STRAP-CABLE	
	4	1	138-4409	1	SPACER (10.5X22X35-MM THK)	
	5	1	192-5017	1	BRACKET AS	
	6	1	212-3290	1	BRACKET	
Y	7	1	239-9954	1	CONTROL GP-UNPROGRAMMED (PRODUCT LINK 300)	216
	8	1	263-4880	1	HARNESS AS-CONTROL (PRODUCT LINK 300)	
		1	102-8801	1	KIT-RECEPTACLE (12-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
		1	9X-6772	2	STRAP-CABLE	
		1	160-7690	1	PLUG AS-CONNECTOR (70-PIN)	
		1	159-9322	1	SEAL-O-RING	
	9	1	263-9088	1	RADIO GP-COMMUNICATION (PRODUCT LINK 121SR)	
	10	1	266-2861	1	ANTENNA AS (PRODUCT LINK) (ROOF)	
		1	223-4296	1	ANTENNA (WHIP)	
	11	1	269-6133	1	HARNESS AS-WIRING (ALTERNATOR, R-TERM, FUSE)	
		1	102-8801	1	KIT-RECEPTACLE (12-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN) (INCLUDES PLUG AS AND WEDGE)	
	12	1	269-7550	1	PLATE AS	
M		1	6V-9632	8	NUT-WELD (M6X1-THD)	
	13	1	130-5300	1	CLIP	
	14	1	5P-9085	9	CLIP	
M	15	1	8C-8451	4	BOLT (M6X1X40-MM)	
	16	1	8M-2770	1	CLIP	
	17	1	8T-4121	14	WASHER-HARD (11X21X2.5-MM THK)	
M	18	1, 1	8T-4137	9	BOLT (M10X1.5X20-MM)	
M	19	1	8T-4138	4	BOLT (M6X1X20-MM)	
M	20	1	8T-4191	4	BOLT (M10X1.5X16-MM)	
M	21	1	8T-6466	1	BOLT (M10X1.5X60-MM)	
	22	1	9X-6165	4	WASHER (6.5X22X2.5-MM THK)	
	23	1	9X-8256	4	WASHER (6.6X12X2-MM THK)	

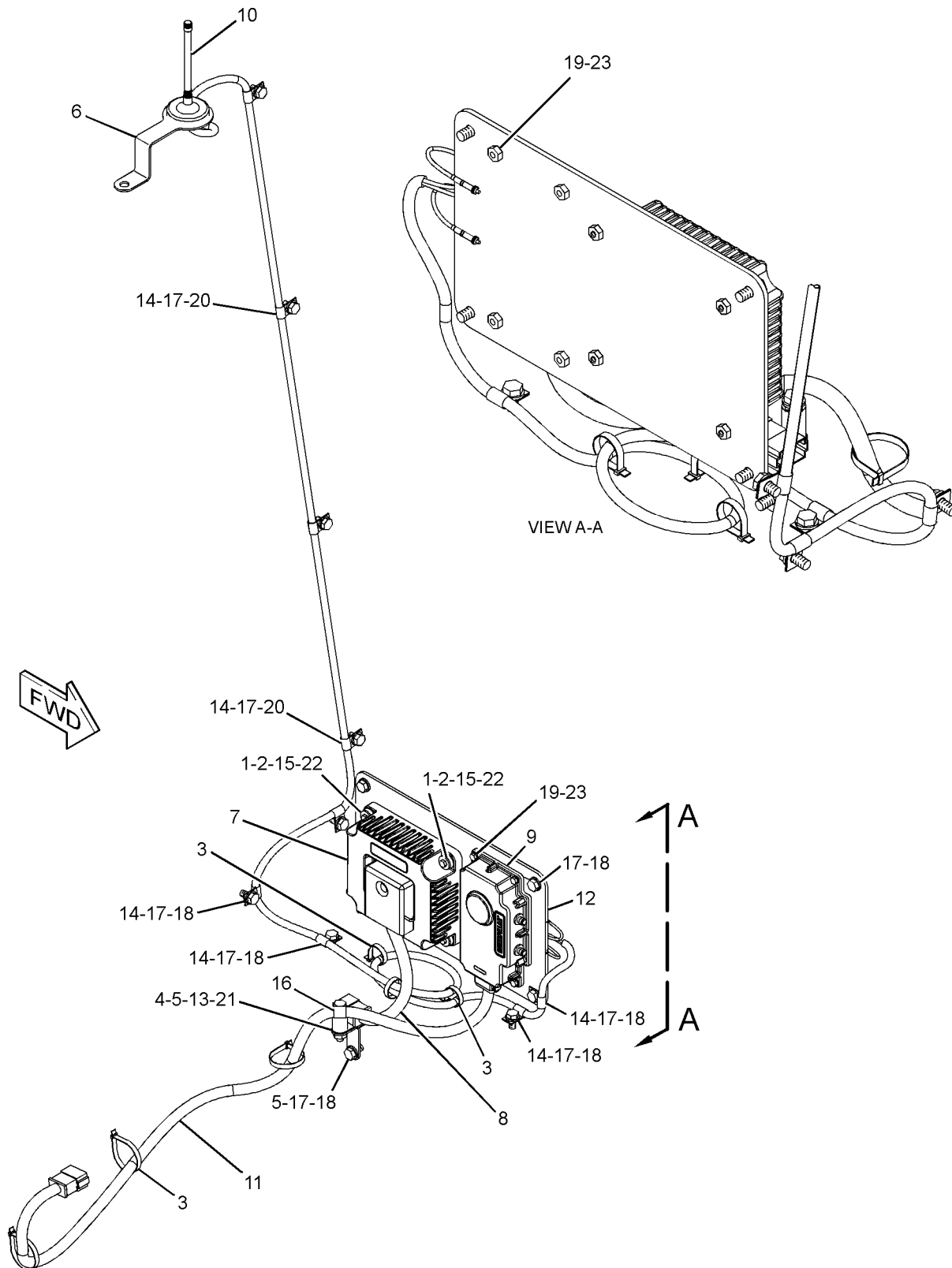
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

269-6134 WIRING GP-COMMUNICATION (contd.)

i02763848



GRAPHIC #1

<END>

g01229216

ELECTRICAL AND STARTING SYSTEM

269-6134 WIRING GP-COMMUNICATION-PRODUCT LINK 300

S/N: ASX192-UP

PART OF 274-5046, 274-5057 INSTALLATION AR-COMMUNICATION
AN ATTACHMENT

SMCS-1408, 7606

i02763847

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	8C-5607	8	MOUNT-ISOLATION	
	2	1	8C-5608	4	SPACER (6.5X9.5X25.4-MM THK)	
C	3	1	9X-6772	8	STRAP-CABLE	
	4	1	138-4409	1	SPACER (10.5X22X35-MM THK)	
	5	1	192-5017	1	BRACKET AS	
	6	1	212-3290	1	BRACKET	
Y	7	1	239-9954	1	CONTROL GP-UNPROGRAMMED (PRODUCT LINK 300)	216
	8	1	263-4880	1	HARNESS AS-CONTROL (PRODUCT LINK 300)	
		1	102-8801	1	KIT-RECEPTACLE (12-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
		1	9X-6772	2	STRAP-CABLE	
		1	160-7690	1	PLUG AS-CONNECTOR (70-PIN)	
9		1	263-9088	1	RADIO GP-COMMUNICATION (PRODUCT LINK 121SR)	
10		1	266-2861	1	ANTENNA AS (PRODUCT LINK) (ROOF)	
		1	223-4296	1	ANTENNA (WHIP)	
11		1	269-6133	1	HARNESS AS-WIRING (ALTERNATOR, R-TERM, FUSE)	
		1	102-8801	1	KIT-RECEPTACLE (12-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN) (INCLUDES PLUG AS AND WEDGE)	
	12	1	269-7550	1	PLATE AS	
M		1	6V-9632	8	NUT-WELD (M6X1-THD)	
	13	1	130-5300	1	CLIP	
	14	1	5P-9085	9	CLIP	
C	15	1	7X-7729	4	WASHER (11X25X3-MM THK)	
M	16	1	8C-8451	4	BOLT (M6X1X40-MM)	
	17	1	8M-2770	1	CLIP	
C	18	1	8T-4121	11	WASHER-HARD (11X21X2.5-MM THK)	
CM	19	1	8T-4133	1	NUT (M10X1.5-THD)	
CM	20	1	8T-4136	1	BOLT (M10X1.5X25-MM)	
M	21	1	8T-4137	9	BOLT (M10X1.5X20-MM)	
M	22	1	8T-4138	4	BOLT (M6X1X20-MM)	
M	23	1	8T-4191	4	BOLT (M10X1.5X16-MM)	
M	24	1	8T-6466	1	BOLT (M10X1.5X60-MM)	
	25	1	9X-6165	4	WASHER (6.5X22X2.5-MM THK)	
	26	1	9X-8256	4	WASHER (6.6X12X2-MM THK)	

C-CHANGE FROM PREVIOUS TYPE

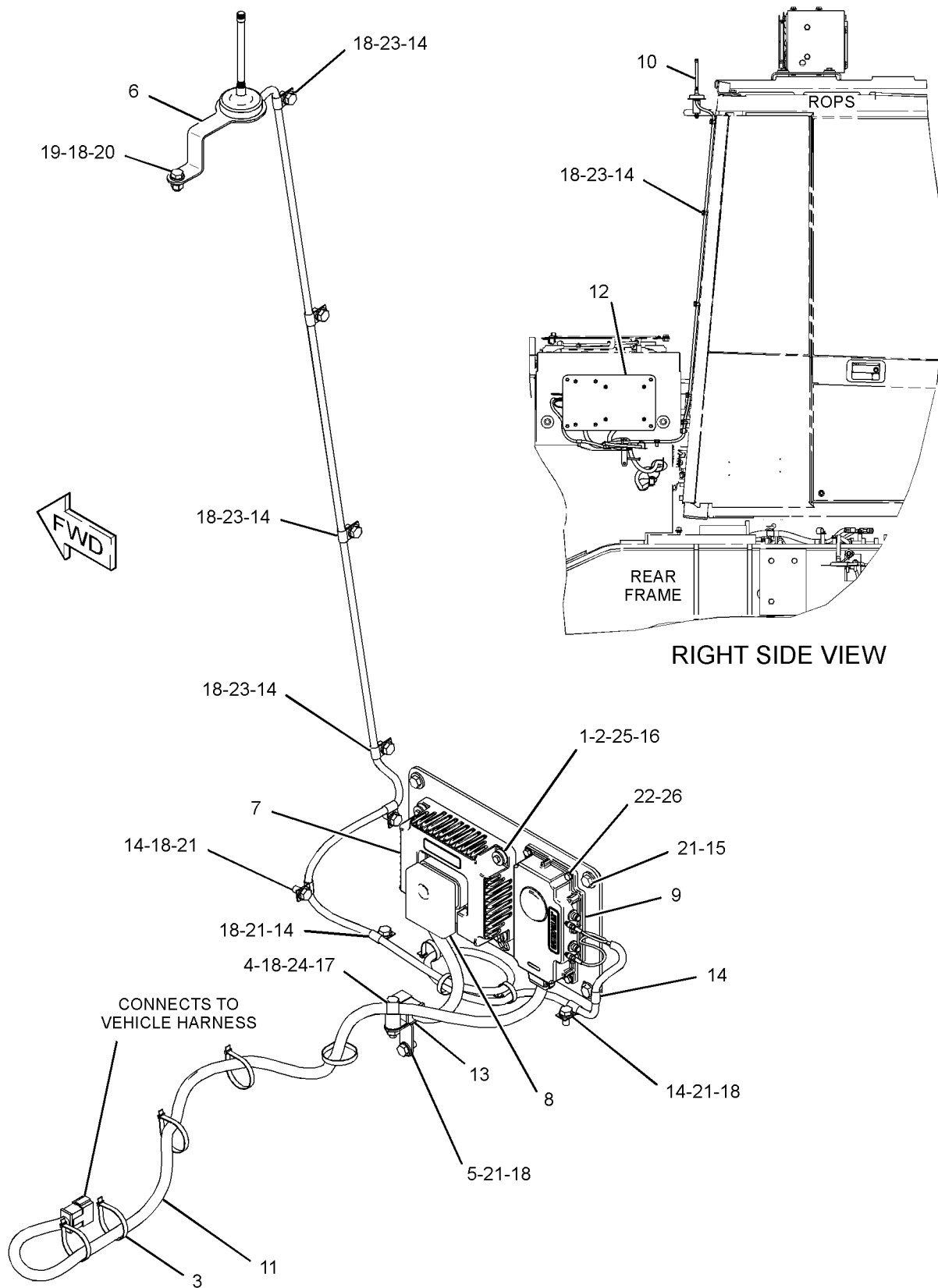
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

269-6134 WIRING GP-COMMUNICATION (contd.)

i02763847



GRAPHIC #1

<END>

g01254892

ELECTRICAL AND STARTING SYSTEM

285 - 7423 WIRING GP - COMMUNICATION-PRODUCT LINK 121SR

S/N: ASX1-UP

PART OF 285-7421, 285-7422 INSTALLATION AR-COMMUNICATION
AN ATTACHMENT

SMCS-1408, 7606

i02763851

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	8C-5607	8	MOUNT-ISOLATION	
	2	2	8C-5608	4	SPACER (6.5X9.5X25.4-MM THK)	
	3	2	9X-6772	3	STRAP-CABLE	
	4	1,2	204-2281	9	STRAP-TIE	
	5	1,2	204-8000	9	ANCHOR-TIE	
	6	1	212-3290	1	BRACKET	
Y	7	2	239-9954	1	CONTROL GP-UNPROGRAMMED (ELECTRONIC)	216
	8	2	263-9088	1	RADIO GP-COMMUNICATION (PRODUCT LINK 121SR)	
	9	1	266-2861	1	ANTENNA AS (PRODUCT LINK) (ROOF)	
		1	223-4296	1	ANTENNA (WHIP)	
	10	2	269-7550	1	PLATE AS	
M	10A	1	6V-9632	8	NUT-WELD (M6X1-THD)	
	11	2	296-9877	1	HARNESS AS-CONTROL (PRODUCT LINK 121SR)	
		2	159-9322	1	SEAL-O-RING	
		2	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
		2	160-7690	1	PLUG AS-CONNECTOR (70-PIN)	
		2	9X-6772	2	STRAP-CABLE	
		2	102-8805	1	KIT-RECEPTACLE (6-PIN)	
					(INCLUDES RECEPTACLE AS AND WEDGE)	
	12	2	132-5789	1	CLIP	
	13	1,2	7X-7729	12	WASHER (11X25X3-MM THK)	
M	14	2	8C-8451	4	BOLT (M6X1X40-MM)	
	15	1,2	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)	
M	16	1	8T-4133	1	NUT (M10X1.5-THD)	
M	17	1	8T-4136	1	BOLT (M10X1.5X25-MM)	
M	18	1,2	8T-4137	12	BOLT (M10X1.5X20-MM)	
M	19	2	8T-4138	4	BOLT (M6X1X20-MM)	
M	20	2	8T-4195	1	BOLT (M10X1.5X30-MM)	
	21	2	9M-8406	1	CLIP	
	22	2	9X-6165	4	WASHER (6.5X22X2.5-MM THK)	
	23	2	9X-8256	4	WASHER (6.6X12X2-MM THK)	

M-METRIC PART

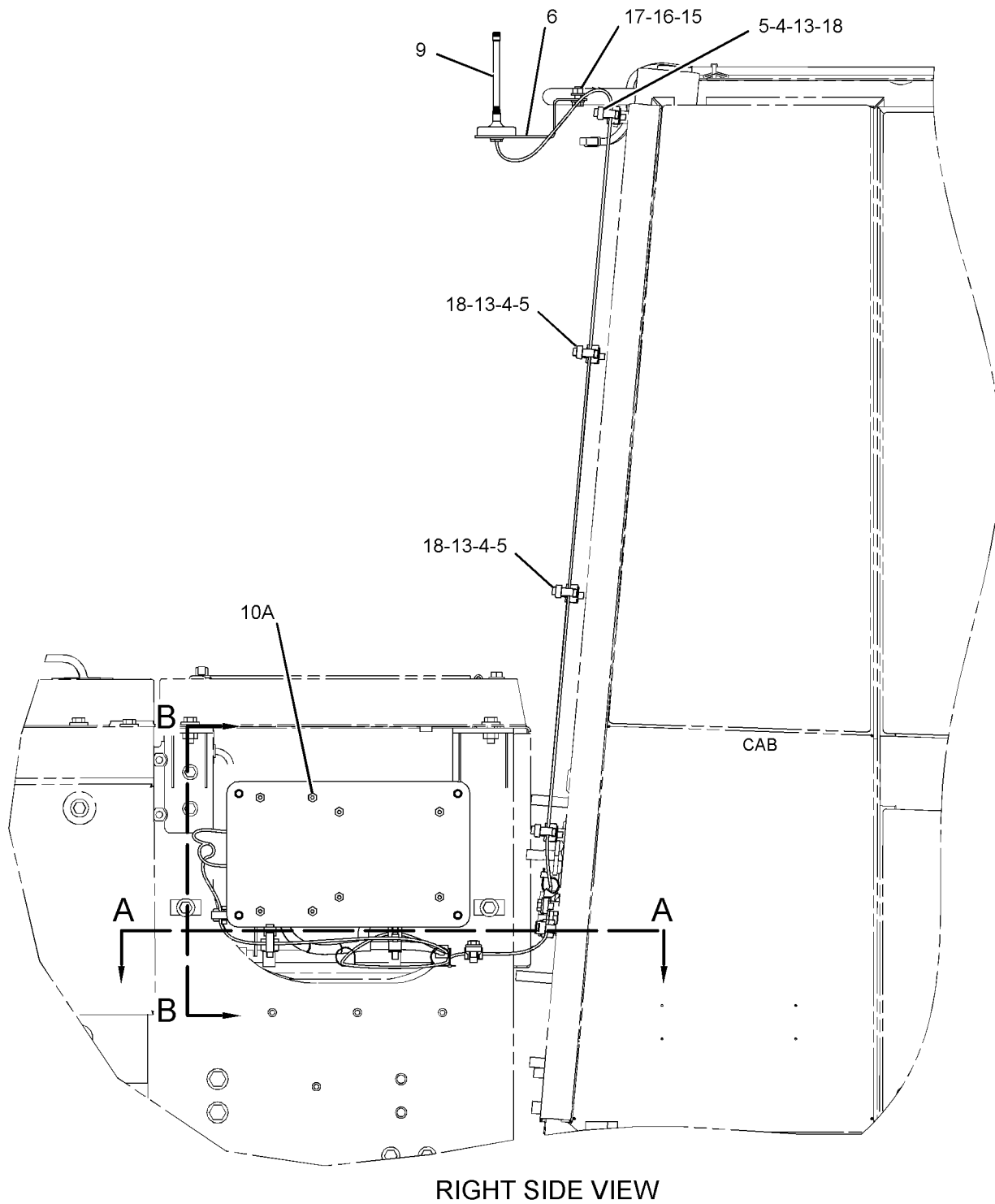
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

285-7423 WIRING GP-COMMUNICATION (contd.)

i02763851

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS.



RIGHT SIDE VIEW

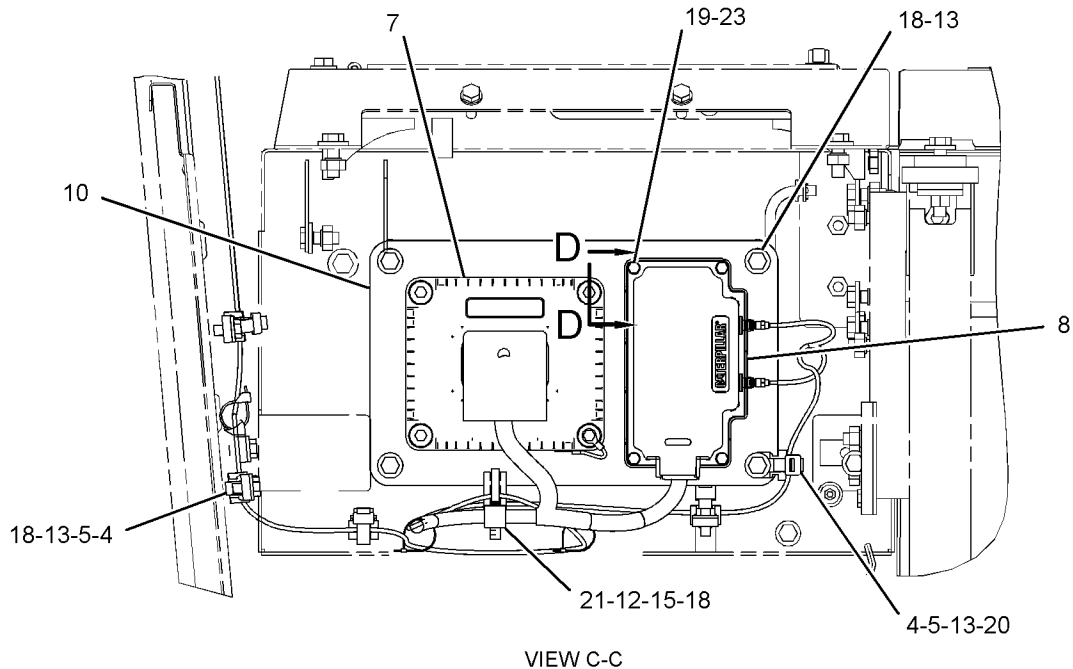
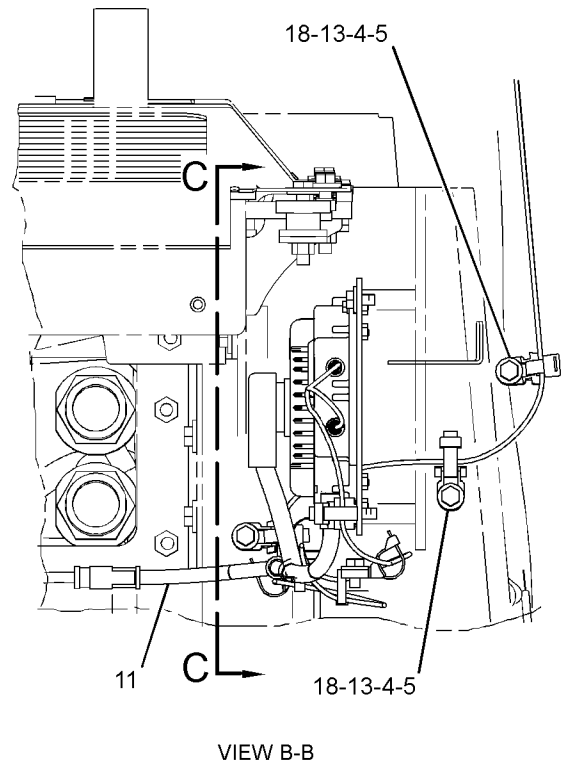
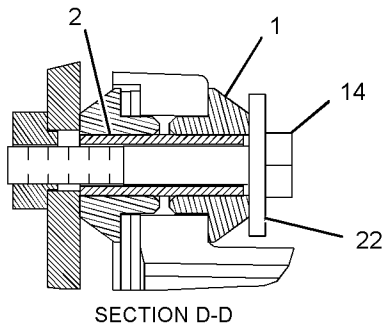
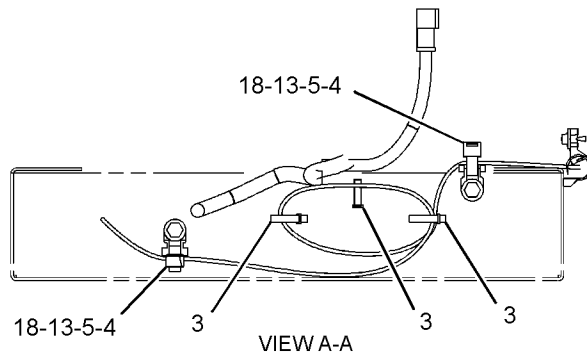
GRAPHIC #1

g01357318

ELECTRICAL AND STARTING SYSTEM

285 - 7423 WIRING GP - COMMUNICATION (contd.)

i02763851



GRAPHIC #2

<END>

g01357639

ELECTRICAL AND STARTING SYSTEM

227-4421 WIRING GP - ENGINE

S/N: ASX1-191

PART OF 226-9616 ELECTRICAL AR

SMCS-1403, 1408

i02332038

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3S-2093	1	STRAP-CABLE	
	2	1	7K-1181	1	STRAP-CABLE	
	3	1,2	9X-6772	3	STRAP-CABLE	
	4	2	114-5333	1	SWITCH AS-PRESSURE (AIR CONDITIONER COMPRESSOR)	
		2	102-8802	1	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
		2	3E-3365	1	WEDGE-RECEPTACLE LOCK (2-PIN)	
E		2	9X-1386		SLEEVE (25-CM)	
	5	2	133-8645	2	BRACKET AS (EACH INCLUDES)	
		2	1F-0750	1	NUT-WELD (3/8-16-THD)	
Y	6	1	134-2252	1	SENSOR GP-TEMPERATURE (TORQUE CONVERTER OIL)	278
	7	1,2	138-4409	4	SPACER (10.5X22X35-MM THK)	
	8	1,2	154-6626	2	BRACKET AS (EACH INCLUDES)	
M		1,2	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	9	1,2	163-5382	2	SPACER (10.5X25X0.25-MM THK)	
	10	2	199-8412	1	BRACKET AS	
M		2	8T-3490	4	NUT-WELD (M10X1.5-THD)	
	11	1	261-0189	1	HARNESS AS-ENGINE	
		1	8N-1521	2	BELL AS-END (2-GA)	
		1	160-7689	1	PLUG AS-CONNECTOR (70-PIN)	
		1	159-9322		SEAL-O-RING	
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)	
		1	155-2270	5	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2255	3	KIT-CONNECTING PLUG (12-PIN) (EACH KIT INCLUDES PLUG AS AND WEDGE)	
		1	102-8801	1	KIT-RECEPTACLE (12-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
		1	8T-8737	58	PLUG-SEAL	
		1	7G-7918	4	PLUG-SEAL	
		1	7G-7917	2	PLUG-SEAL	
		1	8N-1517	1	RECEPTACLE AS-CONNECTOR (25-PIN)	
		1	8N-1522	1	NUT (2-1/4-16-THD)	
		1	9X-6772	2	STRAP-CABLE	
	12	2	033-8248	1	CLIP	
	13	2	130-5300	5	CLIP	
	14	1	172-6833	1	CLIP (LOOP)	
	15	1,2	1S-0994	5	CLIP	
	16	1	3J-1907	1	SEAL-O-RING	
	17	2	4D-8123	1	CLIP	
	18	2	4D-9517	1	CLIP	
	19	1,2	5M-3062	2	BOLT (3/8-16X0.75-IN)	
	20	1,2	5P-4295	3	CLIP	
	21	2	5S-7379	1	BOLT (3/8-16X0.875-IN)	
	22	2	5S-7383	1	BOLT (3/8-16X1.75-IN)	
	23	2	6D-4246	2	CLIP	
	24	2	6V-1889	2	CLIP	
	25	1	6V-8801	1	NUT (3/8-16-THD)	
	26	2	7C-4354	3	CLIP	
	27	1	7X-0343	1	BOLT (5/8-11X1.25-IN)	
	28	2	5P-9085	1	CLIP	
M	29	1	8T-0355	1	BOLT (M10X1.5X110-MM)	
	30	1,2	8T-4121	15	WASHER-HARD (11X21X2.5-MM THK)	
	31	1	8T-4122	1	WASHER-HARD (17X32X3.5-MM THK)	

ELECTRICAL AND STARTING SYSTEM

227-4421 WIRING GP-ENGINE (contd.)

i02332038

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
M	32	2	8T-4133	3	NUT (M10X1.5-THD)	
M	33	2	8T-4136	1	BOLT (M10X1.5X25-MM)	
M	34	1,2	8T-4137	8	BOLT (M10X1.5X20-MM)	
M	35	2	8T-4196	2	BOLT (M10X1.5X35-MM)	
	36	1,2	8T-4896	10	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	37	2	8T-7008	3	BOLT (3/8-16X3-IN)	
	38	1	8T-9377	1	BOLT (3/8-16X2.25-IN)	
	39	2	9X-7378	1	SEAL-O-RING	
M	40	2	8T-4195	1	BOLT (M10X1.5X30-MM)	
	41	2	193-9131	1	BRACKET AS	

E-ORDER BY THE CENTIMETER

M-METRIC PART

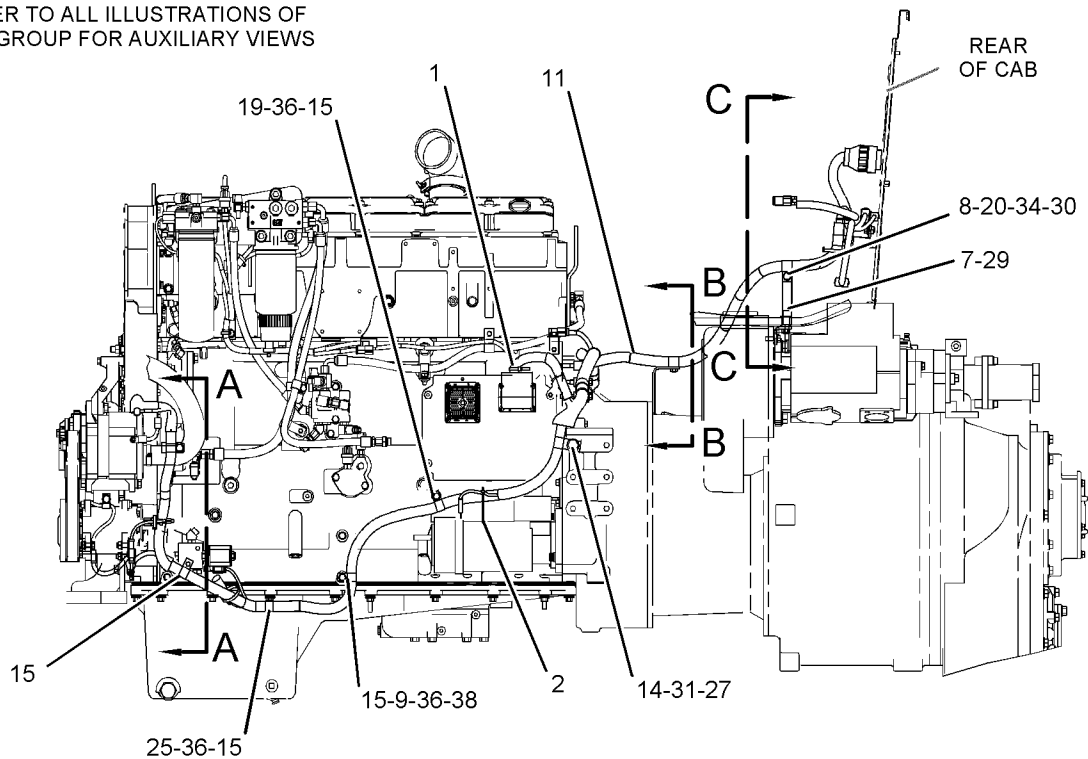
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

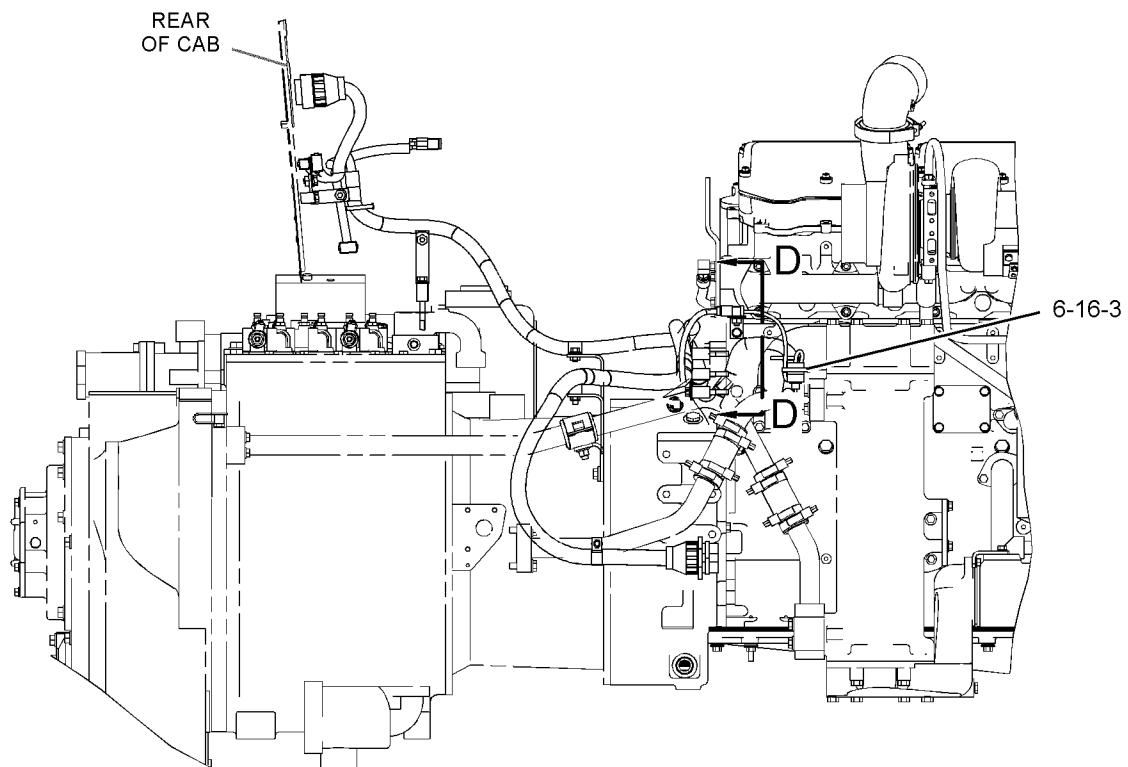
227-4421 WIRING GP-ENGINE (contd.)

i02332038

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



RIGHT SIDE VIEW



LEFT SIDE VIEW

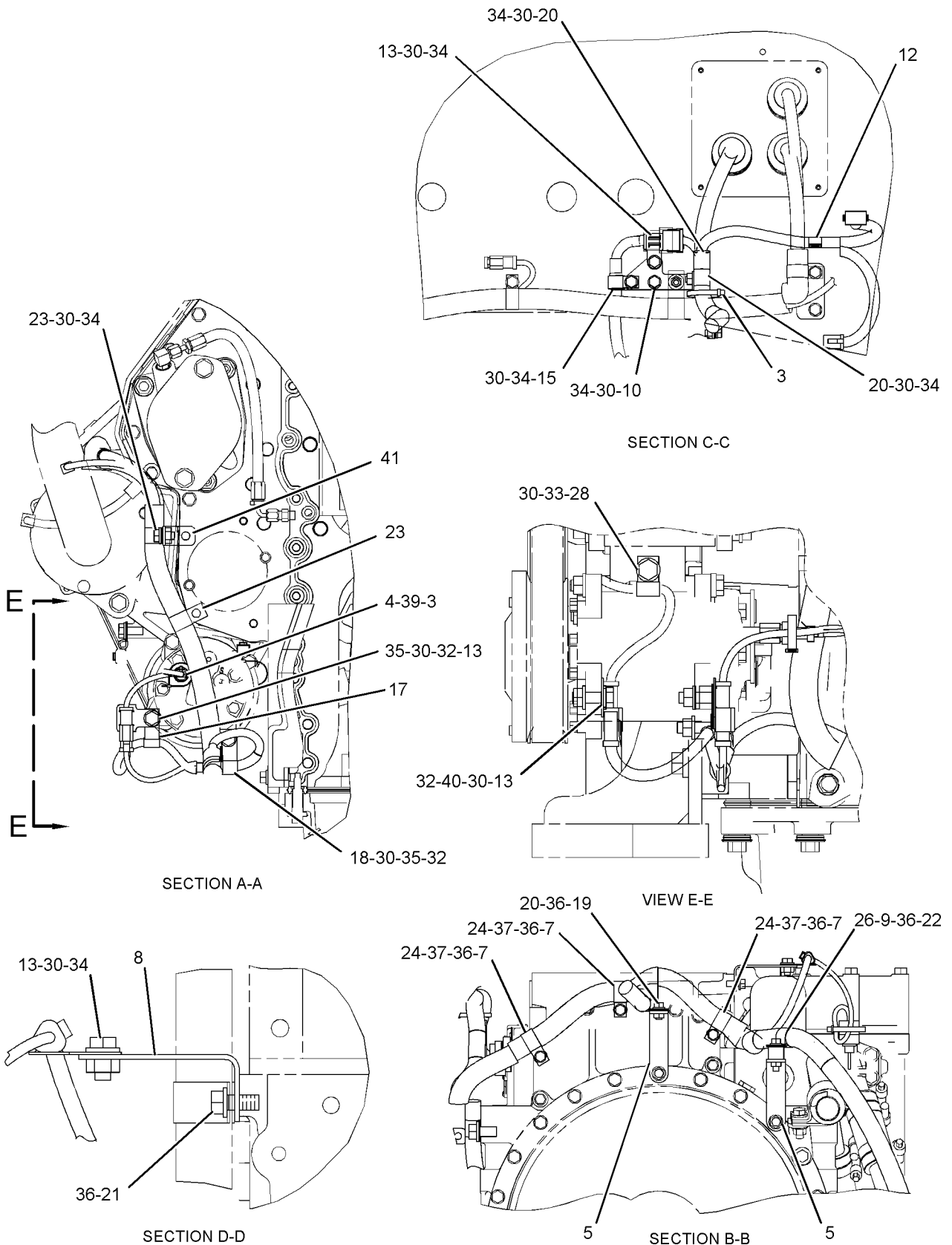
GRAPHIC #1

g01279173

ELECTRICAL AND STARTING SYSTEM

227-4421 WIRING GP-ENGINE (contd.)

i02332038



GRAPHIC #2

<END>

g01279174

ELECTRICAL AND STARTING SYSTEM

227-4421 WIRING GP - ENGINE

S/N: ASX192-299

PART OF 226-9616 ELECTRICAL AR

SMCS-1403, 1408

i02684030

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	9X-6772	5	STRAP-CABLE	
	2	2	114-5333	1	SWITCH AS-PRESSURE (REFRIGERANT)	
		2	102-8802	1	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
		2	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)	
E		2	9X-1386		SLEEVE (25-CM)	
	3	2	124-3019	1	BRACKET AS	
	4	2	133-8645	2	BRACKET AS (EACH INCLUDES)	
		2	1F-0750	1	NUT-WELD (3/8-16-THD)	
Y	5	2	134-2252	1	SENSOR GP-TEMPERATURE (TORQUE CONVERTER OIL)	278
	6	2	138-4409	4	SPACER (10.5X22X35-MM THK)	
	7	2	154-6626	2	BRACKET AS (EACH INCLUDES)	
M		2	8T-3490	1	NUT-WELD (M10X1.5-THD)	
C	8	2	163-5382	3	SPACER (10.5X25X0.25-MM THK)	
	9	2	193-9131	1	BRACKET AS	
	10	2	200-6345	1	MOUNT (DUAL SWIVEL)	
	11	2	204-2281	2	STRAP-TIE	
	12	1	261-0189	1	HARNESS AS-ENGINE	
		1	3T-3412	1	PLUG AS-CONNECTOR (37-PIN)	
		1	8N-1521	2	BELL AS-END (2-GA)	
		1	160-7689	1	PLUG AS-CONNECTOR (70-PIN)	
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)	
		1	155-2270	5	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2255	3	KIT-CONNECTING PLUG (12-PIN) (EACH KIT INCLUDES PLUG AS AND WEDGE)	
		1	102-8801	1	KIT-RECEPTACLE (12-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
		1	8N-1517	1	RECEPTACLE AS-CONNECTOR (25-PIN)	
		1	9X-6772	5	STRAP-CABLE	
C	13	2	278-5696	1	BRACKET AS	
M		2	8T-3490	4	NUT-WELD (M10X1.5-THD)	
	14	2	130-5300	5	CLIP	
C	15	2	132-7551	1	SPACER (11X19X6-MM THK)	
	16	2	172-6833	1	CLIP (LOOP)	
C	17	1,2	1S-0994	5	CLIP	
C	18	2	1S-0996	1	CLIP	
	19	2	3J-1907	1	SEAL-O-RING	
	20	2	4D-8123	1	CLIP	
C	21	2	5M-3062	1	BOLT (3/8-16X0.75-IN)	
	22	2	5P-4116	2	WASHER-HARD (8.8X20.5X2-MM THK)	
	23	2	5P-4295	3	CLIP	
	24	2	5P-7464	2	CLIP (SLOT)	
	25	2	5P-7465	2	CLIP (TAB)	
	26	2	5P-9085	1	CLIP	
	27	2	5S-7379	1	BOLT (3/8-16X0.875-IN)	
C	28	2	5S-7383	1	BOLT (3/8-16X1.75-IN)	
	29	2	6D-4246	2	CLIP	
C	30	2	6K-8178	1	CLIP	
	31	2	6V-1889	1	CLIP	
	32	2	6V-3265	1	CLIP	
	33	2	6V-3341	1	GROMMET	
	34	2	6V-7359	2	GROMMET	
	35	2	6V-8189	1	NUT (5/16-18-THD)	

ELECTRICAL AND STARTING SYSTEM

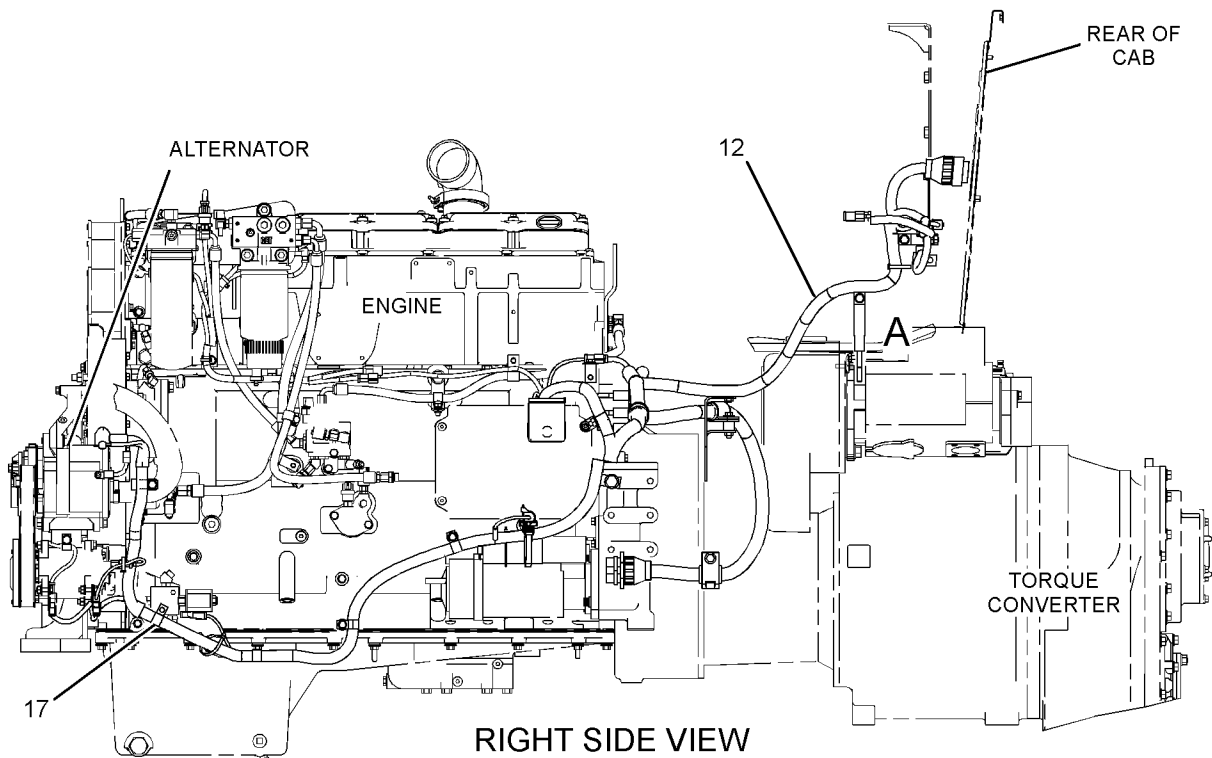
227-4421 WIRING GP-ENGINE (contd.)

i02684030

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	36	2	6V-8801	1	NUT (3/8-16-THD)	
	37	2	7C-4354	1	CLIP	
	38	2	7D-7233	1	CLIP	
	39	2	7X-0343	1	BOLT (5/8-11X1.25-IN)	
	40	2	7X-7729	2	WASHER (11X25X3-MM THK)	
M	41	2	8T-0355	1	BOLT (M10X1.5X110-MM)	
	42	2	8T-2501	1	BOLT (3/8-16X2-IN)	
	43	2	8T-4121	16	WASHER-HARD (11X21X2.5-MM THK)	
	44	2	8T-4122	1	WASHER-HARD (17X32X3.5-MM THK)	
CM	45	2	8T-4133	4	NUT (M10X1.5-THD)	
M	46	2	8T-4136	2	BOLT (M10X1.5X25-MM)	
CM	47	2	8T-4137	5	BOLT (M10X1.5X20-MM)	
CM	48	2	8T-4195	3	BOLT (M10X1.5X30-MM)	
M	49	2	8T-4196	2	BOLT (M10X1.5X35-MM)	
	50	2	8T-4896	9	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	51	2	8T-7008	3	BOLT (3/8-16X3-IN)	
	52	2	8T-9377	1	BOLT (3/8-16X2.25-IN)	
	53	2	9X-7378	1	SEAL-O-RING	

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

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



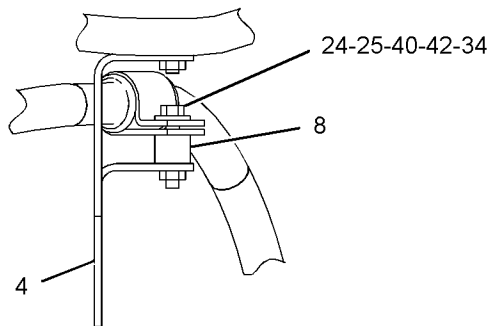
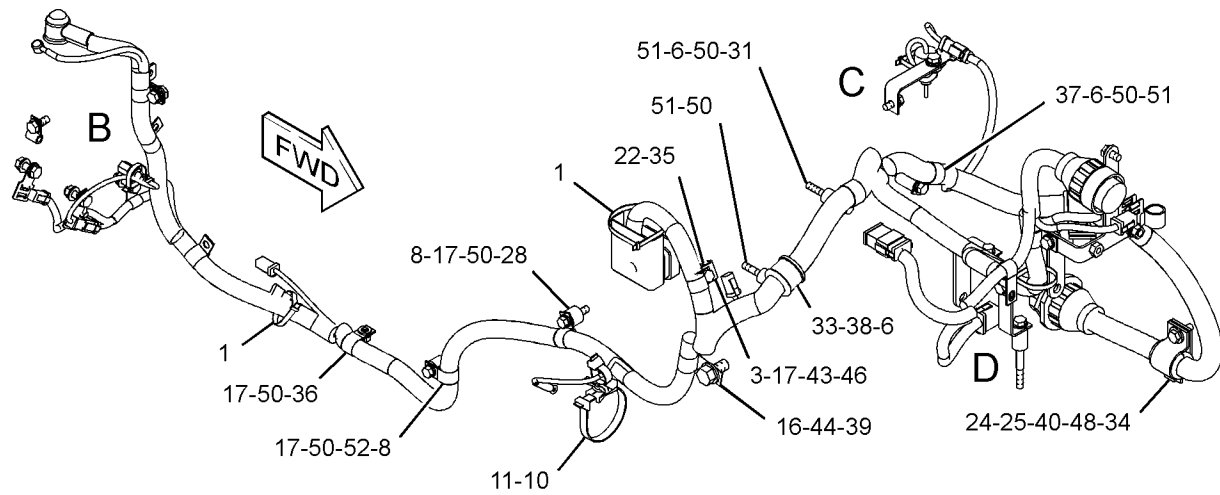
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g01352955

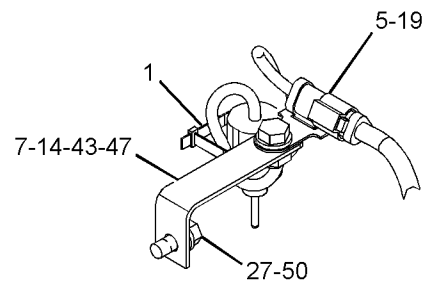
ELECTRICAL AND STARTING SYSTEM

227-4421 WIRING GP-ENGINE (contd.)

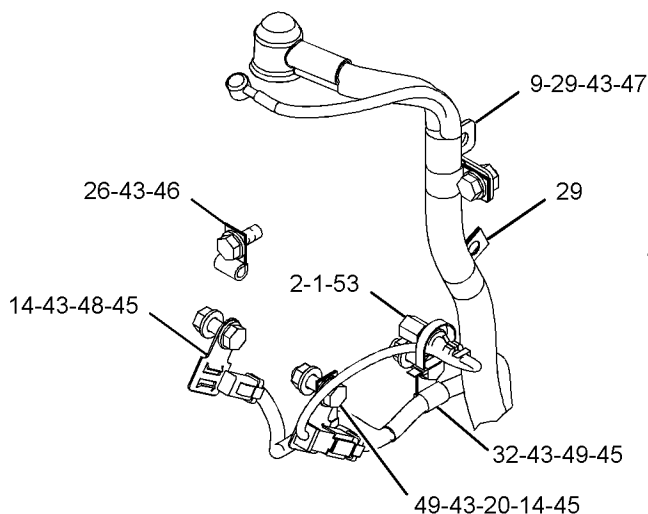
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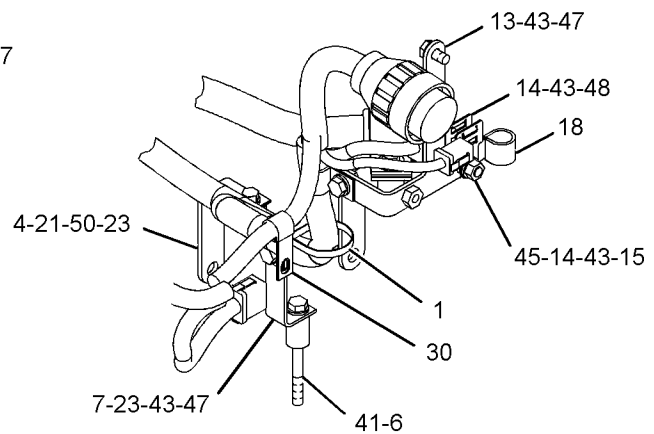
VIEW OF AREA A



VIEW OF AREA C



VIEW OF AREA B



VIEW OF AREA D

GRAPHIC #2

<END>

g01359426

ELECTRICAL AND STARTING SYSTEM

285-7333 WIRING GP - ENGINE

S/N: ASX300-UP

PART OF 285-7324 ELECTRICAL AR

SMCS-1403, 1408

i02756844

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	3	8R-9137	1	ANGLE						
	2	1, 2, 3	9X-6772	12	STRAP - CABLE						
	3	1	114-5333	1	SWITCH AS - PRESSURE (REFRIGERANT)						
		1	102-8802	1	KIT - RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		1	186-3735	2	PIN - CONNECTOR (16-GA TO 18-GA)						
E		1	9X-1386		SLEEVE (25-CM)						
	4	2	116-0118	1	CLIP						
	5	3	124-3019	1	BRACKET AS						
M		3	8T-3490	1	NUT - WELD (M10X1.5-THD)						
	6	1	133-8645	2	BRACKET AS						
					(EACH INCLUDES)						
		1	1F-0750	1	NUT - WELD (3/8-16-THD)						
	7	1	138-4409	4	SPACER (10.5X22X35-MM THK)						
	8	1, 2	154-6626	2	BRACKET AS						
	9	1	163-5382	1	SPACER (10.5X25X0.25-MM THK)						
	10	1, 2	193-9131	2	BRACKET AS						
					(EACH INCLUDES)						
M		1, 2	8T-3490	1	NUT - WELD (M10X1.5-THD)						
	11	3	200-6345	1	MOUNT (DUAL SWIVEL)						
	12	3	204-2281	2	STRAP - TIE						
	13	1	285-7452	1	HARNESS AS - ENGINE						
		1	102-8803	1	KIT - RECEPTACLE (3-PIN)						
		1	102-8805	1	KIT - RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		1	8N-1518	1	PLUG AS - CONNECTOR (25-PIN)						
		1	8N-1521	2	BELL AS - END (2-GA)						
		1	9X-6772	2	STRAP - CABLE						
		1	126-1774	1	COVER - CONNECTOR						
		1	2L-8057	1	TERMINAL (8-GA, NO.10 SCREW)						
	14	2	288-8390	1	SENSOR GP - TEMPERATURE (TORQUE CONVERTER OIL)						
		2	8T-8729	3	PIN - CONNECTOR						
		2	8T-8737	1	PLUG - SEAL						
E		2	9X-1813		SLEEVE (33-CM)						
		2	243-4507	1	RECEPTACLE AS - CONNECTOR (4-PIN)						
	15	1	296-9878	1	HARNESS AS - SWITCH (KEY, FUEL PRIMING PUMP)						
		1	102-8802	1	KIT - RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		1	155-2270	1	KIT - CONNECTING PLUG (2-PIN)						
		1	155-2260	1	KIT - CONNECTING PLUG (3-PIN)						
					(INCLUDES PLUG AS AND WEDGE)						
	16	2	297-5201	1	BRACKET AS						
M		2	8T-3490	4	NUT - WELD (M10X1.5-THD)						
	17	1	300-5490	1	BRACKET AS						
M		1	8T-3490	2	NUT - WELD (M10X1.5-THD)						
	18	1	307-1653	1	CABLE AS						
		1	6T-5598	1	TERMINAL - SOLDER (FOR 5/16-IN BOLT)						
E		1	8C-3056		CABLE (02-GA, RED) (142-CM)						
		1	8T-8827	1	BOOT						
		1	267-8338	1	TERMINAL - RING						
	19	1	033-8248	1	CLIP						
	20	1	119-5708	1	CLIP						
	21	1, 2	130-5300	6	CLIP						
	22	2	133-6934	1	SPACER (11X20X25-MM THK)						
	23	1, 2, 3	1S-0994	6	CLIP						
	24	2	1S-0996	1	CLIP						

ELECTRICAL AND STARTING SYSTEM

285-7333 WIRING GP-ENGINE (contd.)

i02756844

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	25	1	1S-6420	1	CLIP						
	26	1, 2, 3	2V-1771	7	GROMMET						
	27	2	3J-1907	1	SEAL -O-RING						
	28	2	3V-0409	1	SPACER (0.423X0.675X1.25-IN THK)						
	29	3	4D-8123	1	CLIP						
	30	1	4L-6454	1	BOLT (3/8-16X1-IN)						
	31	1	5C-9563	1	SPACER (11.02X26.67X55-MM THK)						
	32	1	5M-2894	1	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	33	1	5M-3062	1	BOLT (3/8-16X0.75-IN)						
	34	3	5P-4116	2	WASHER-HARD (8.8X20.5X2-MM THK)						
	35	2	5P-4295	1	CLIP						
	36	2	5P-7462	2	CLIP (SLOT)						
	37	2	5P-7463	2	CLIP (TAB)						
	38	2	5P-9085	2	CLIP						
	39	2	5S-7379	1	BOLT (3/8-16X0.875-IN)						
	40	1	5S-7383	1	BOLT (3/8-16X1.75-IN)						
	41	1	6D-4244	2	CLIP						
	42	1, 3	6D-4246	3	CLIP						
	43	2	6V-0683	2	GROMMET						
	44	3	6V-3265	2	CLIP						
	45	1, 3	6V-8189	3	NUT (5/16-18-THD)						
	46	3	6V-8801	1	NUT (3/8-16-THD)						
	47	1	7X-0343	1	BOLT (5/8-11X1.25-IN)						
	48	2	7X-7729	4	WASHER (11X25X3-MM THK)						
	49	1	8C-7528	1	CLIP						
	50	1	8S-0948	1	CLIP						
	51	1, 2, 3	8T-4121	17	WASHER-HARD (11X21X2.5-MM THK)						
	52	1	8T-4122	1	WASHER-HARD (17X32X3.5-MM THK)						
M	53	1, 2, 3	8T-4133	4	NUT (M10X1.5-THD)						
M	54	2	8T-4136	2	BOLT (M10X1.5X25-MM)						
M	55	1, 2, 3	8T-4137	9	BOLT (M10X1.5X20-MM)						
M	56	1	8T-4172	1	BOLT (M10X1.5X80-MM)						
M	57	2	8T-4195	1	BOLT (M10X1.5X30-MM)						
M	58	1, 2	8T-4196	3	BOLT (M10X1.5X35-MM)						
	59	1, 2, 3	8T-4896	9	WASHER-HARD (10.2X18.5X2.5-MM THK)						
M	60	2	8T-6466	1	BOLT (M10X1.5X60-MM)						
	61	1	8T-7008	3	BOLT (3/8-16X3-IN)						
	62	1	8T-8915	1	BOLT (3/8-16X3.25-IN)						
	63	2	9B-7237	1	BOLT (3/8-16X1.25-IN)						
	64	1	9N-0869	4	WASHER-HARD (8.8X25.5X2-MM THK)						
	65	1	9X-7378	1	SEAL -O-RING						

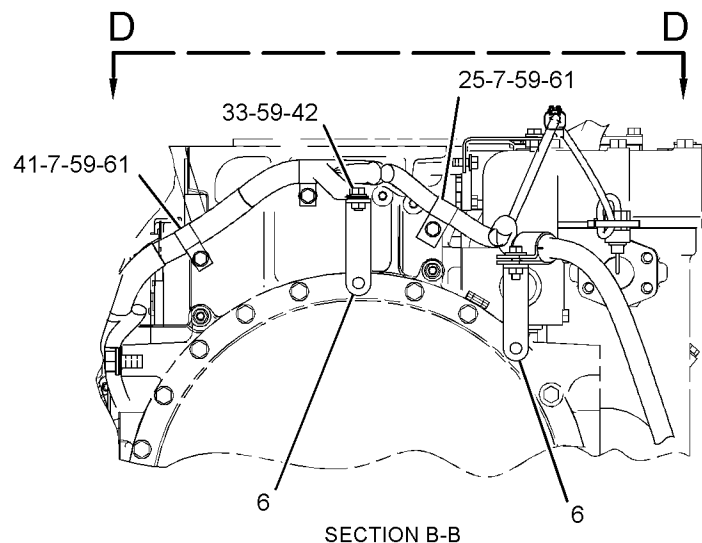
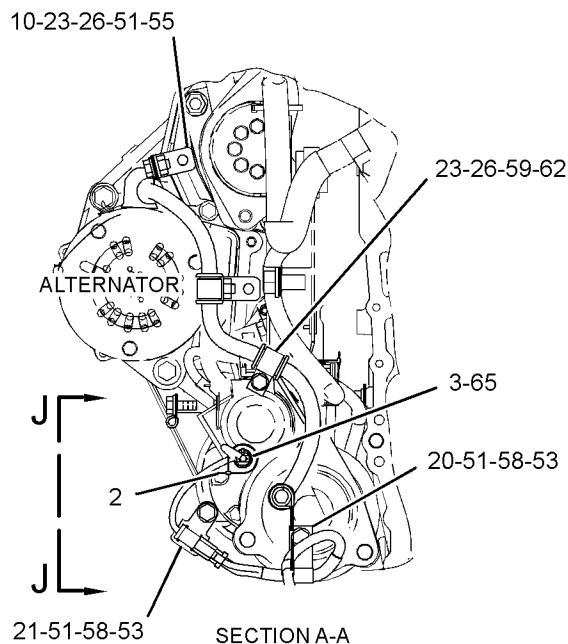
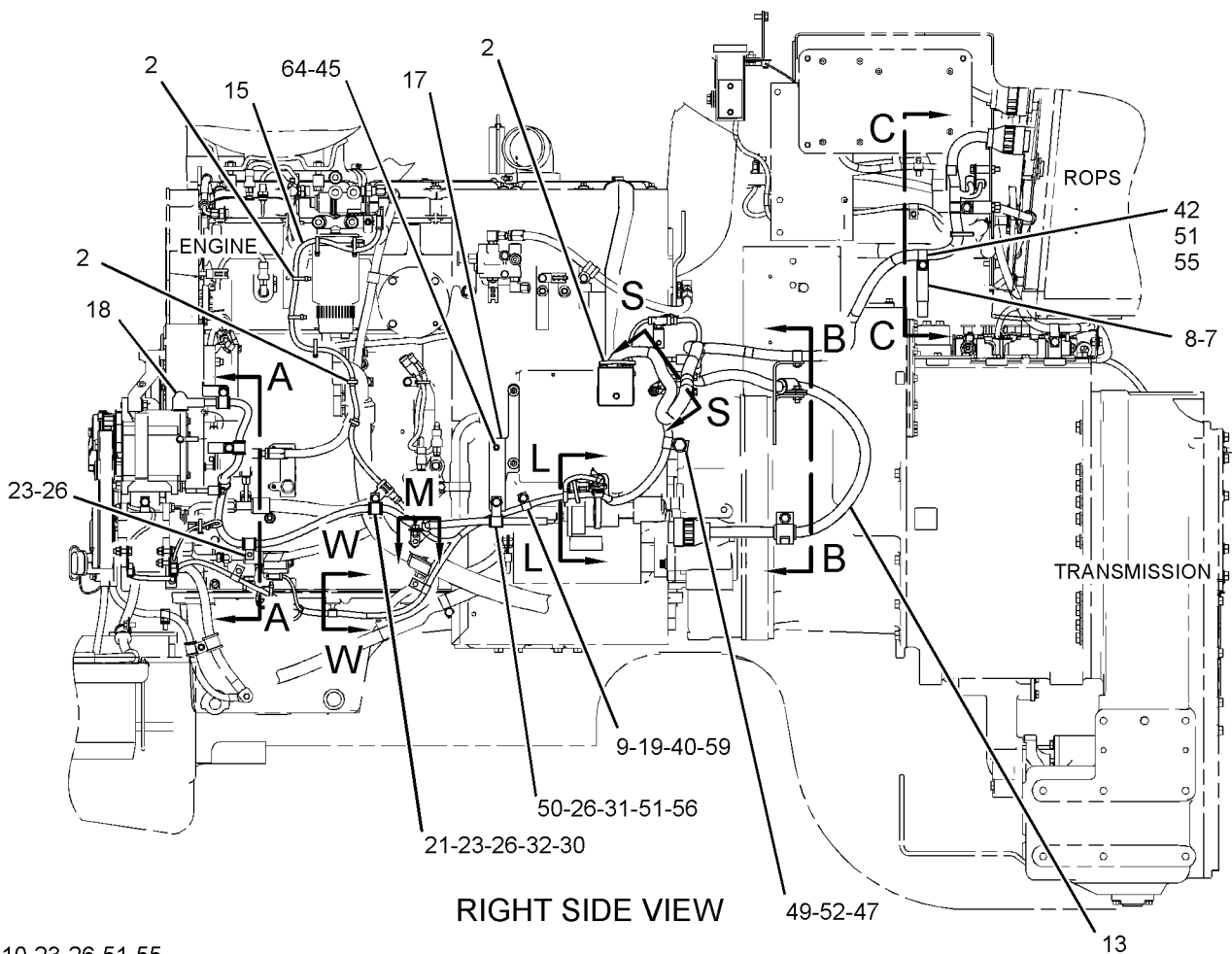
E-ORDER BY THE CENTIMETER
M-METRIC PART

ELECTRICAL AND STARTING SYSTEM

285-7333 WIRING GP-ENGINE (contd.)

i02756844

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



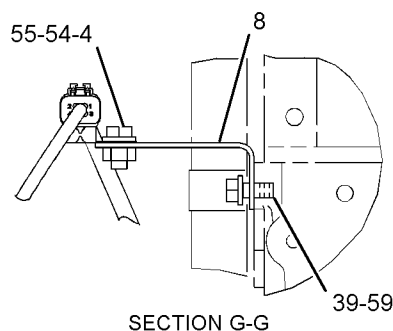
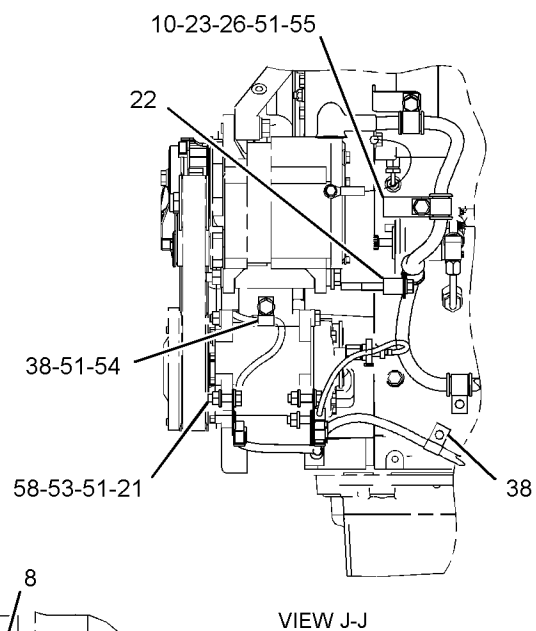
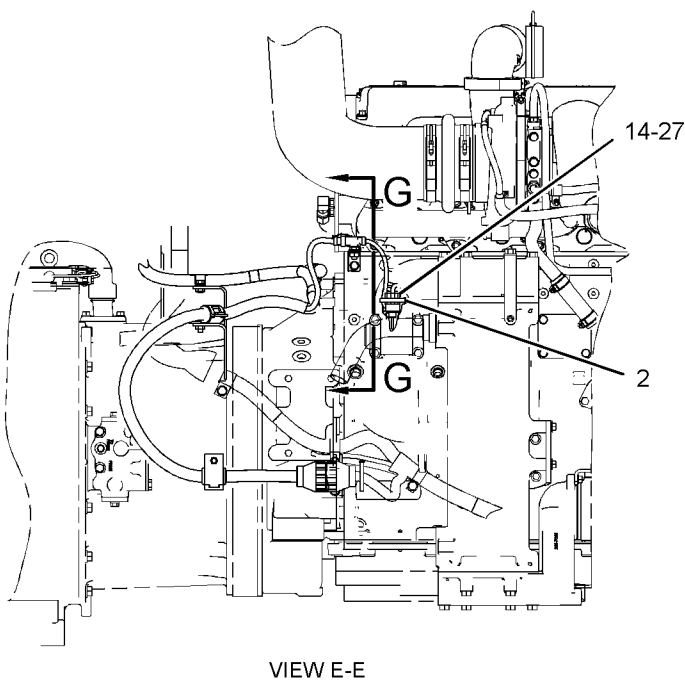
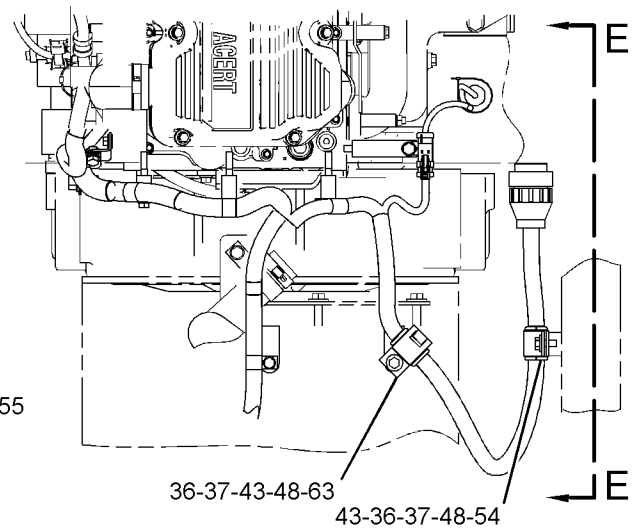
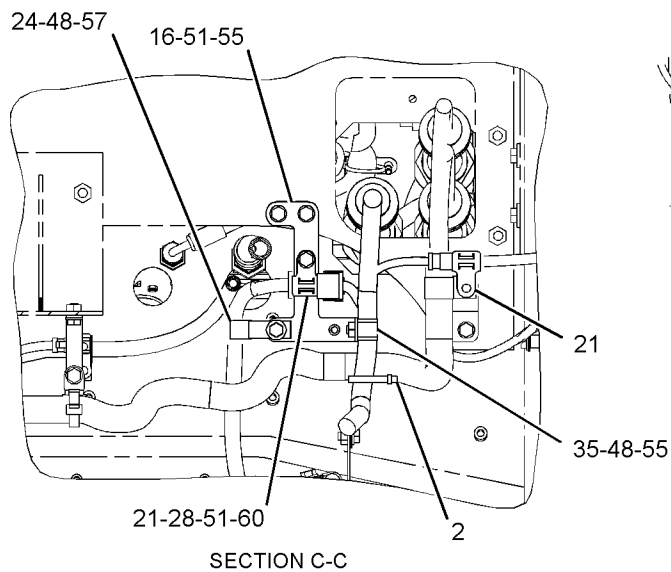
GRAPHIC #1

g01375703

ELECTRICAL AND STARTING SYSTEM

285 - 7333 WIRING GP - ENGINE (contd.)

i02756844



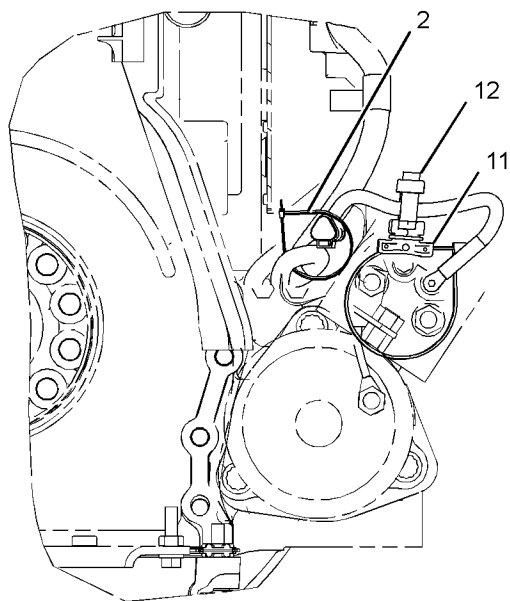
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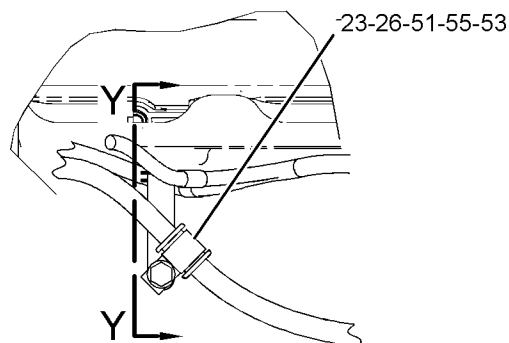
ELECTRICAL AND STARTING SYSTEM

285-7333 WIRING GP-ENGINE (contd.)

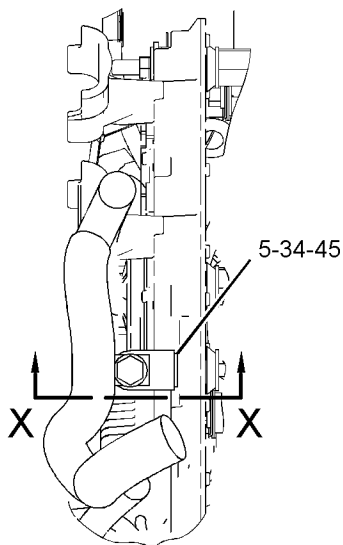
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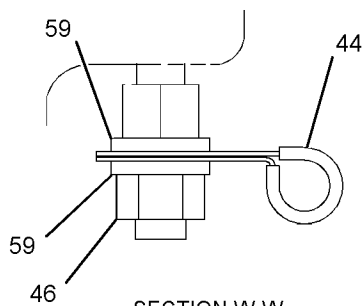
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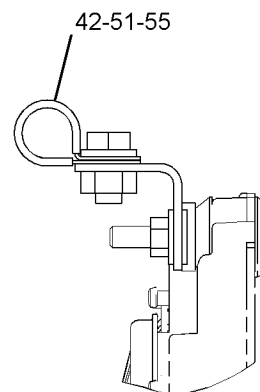
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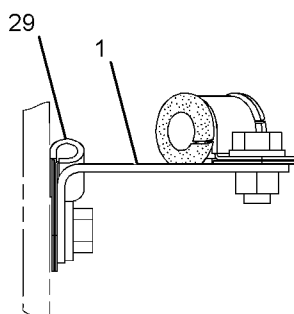
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SECTION W-W



SECTION X-X



SECTION Y-Y

GRAPHIC #3

<END>

g01375705

ELECTRICAL AND STARTING SYSTEM

239-5914 WIRING GP-ENGINE ELECTRONIC

S/N: LHX1-190

PART OF 225-8923 ENGINE AR-COMplete

SMCS-1408, 1901

i02756851

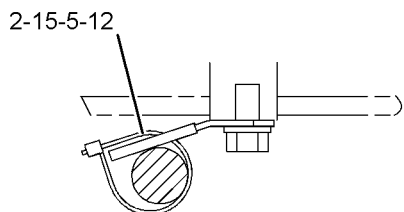
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	2B-2814	2	SPACER (17.4X22.2X17.5-MM THK)	
	2	1, 2	3S-2093	22	STRAP-CABLE	
	3	2	160-8124	1	PLUG AS	
		2	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS AND WEDGE)	
		2	8T-8737	2	PLUG-SEAL	
4	1		235-8209	1	HARNESS AS-ENGINE (ENGINE ELECTRONIC CONTROL)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS AND WEDGE)	
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2265	1	KIT-CONNECTING PLUG (8-PIN)	
		1	155-2260	3	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	6	KIT-CONNECTING PLUG (2-PIN)	
					(EACH PLUG KIT INCLUDES PLUG AS AND WEDGE)	
		1	227-4002	1	PLUG AS-CONNECTOR (108-PIN)	
5	1		0S-0509	4	BOLT (3/8-16X0.75-IN)	
6	1		0S-1576	2	BOLT (5/8-18X2-IN)	
7	1		104-6202	2	CLIP	
8	2		132-5789	1	CLIP	
9	1		1A-4273	1	BOLT (5/8-18X1.25-IN)	
10	1		3B-1915	1	BOLT (3/8-16X1.375-IN)	
11	2		4P-7429	1	CLIP	
12	1, 2		4P-7581	7	CLIP	
13	1		4P-7582	1	CLIP (LADDER)	
14	2		4P-8134	4	CLIP	
15	1		5M-2894	5	WASHER-HARD (10.2X18.5X2.5-MM THK)	
16	1		5P-8247	3	WASHER-HARD (17X32X3.5-MM THK)	
17	2		8T-4223	1	WASHER-HARD (13.5X25.5X3-MM THK)	

ELECTRICAL AND STARTING SYSTEM

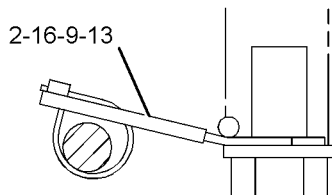
239-5914 WIRING GP-ENGINE ELECTRONIC (contd.)

i02756851

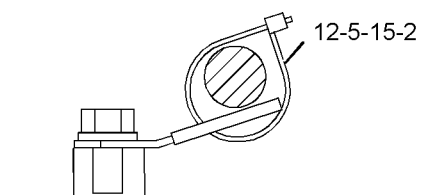
REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



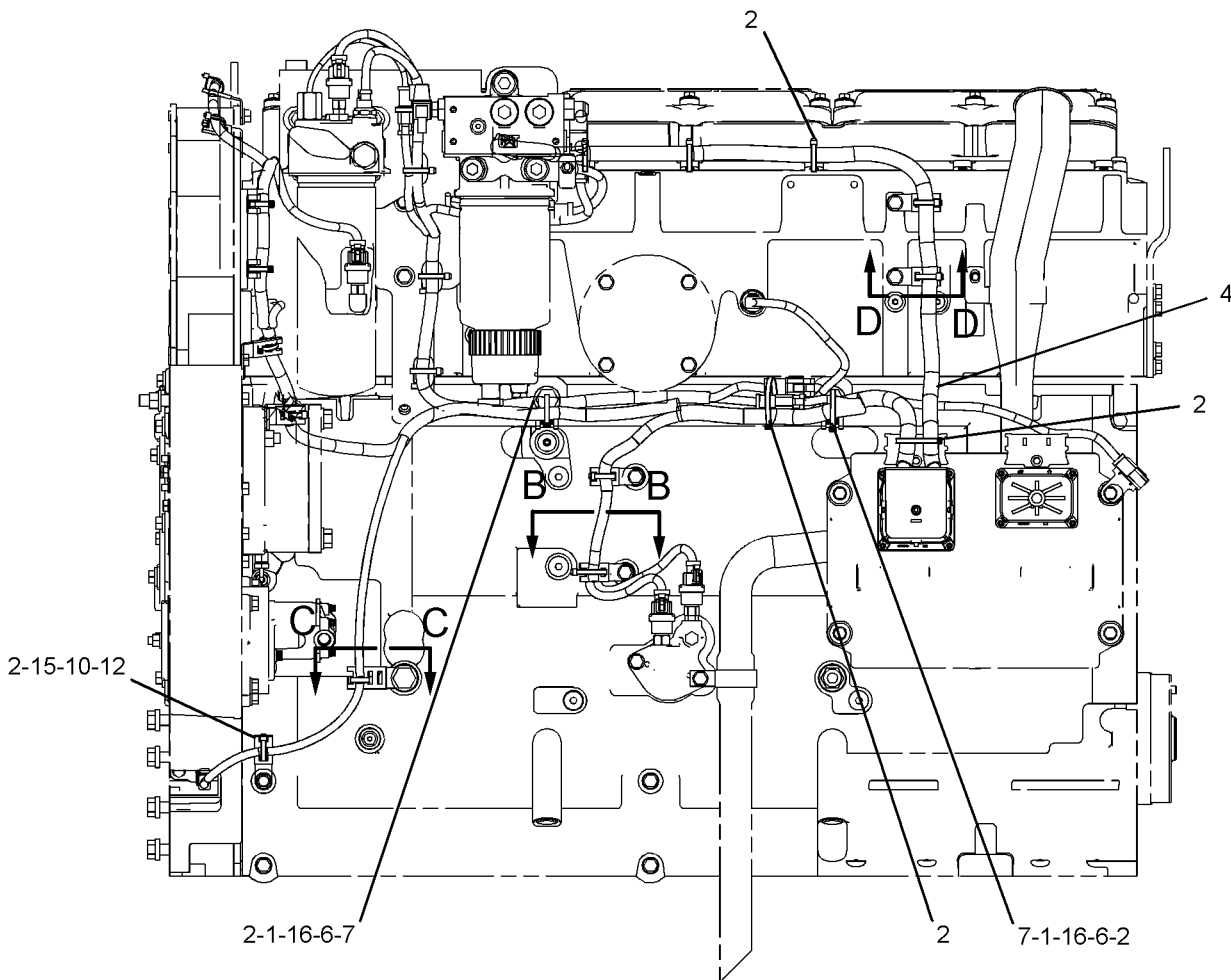
SECTION B-B



SECTION C-C



SECTION D-D



LEFT SIDE VIEW

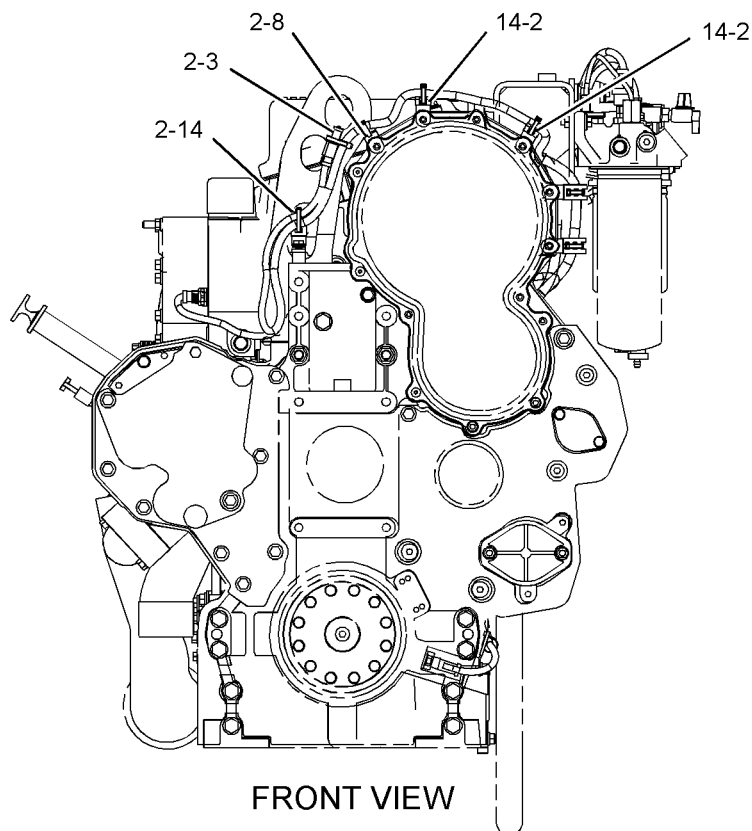
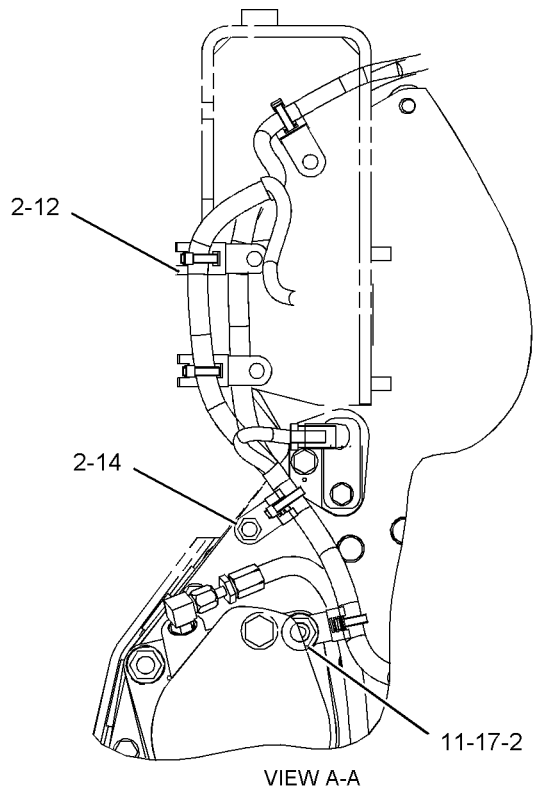
GRAPHIC #1

g01031104

ELECTRICAL AND STARTING SYSTEM

239-5914 WIRING GP-ENGINE ELECTRONIC (contd.)

i02756851



FRONT VIEW

<END>

GRAPHIC #2

g01031158

ELECTRICAL AND STARTING SYSTEM

239-5914 WIRING GP-ENGINE ELECTRONIC

S/N: LHX191-10576

PART OF 225-8923 ENGINE AR-COMPLETE

SMCS-1408, 1901

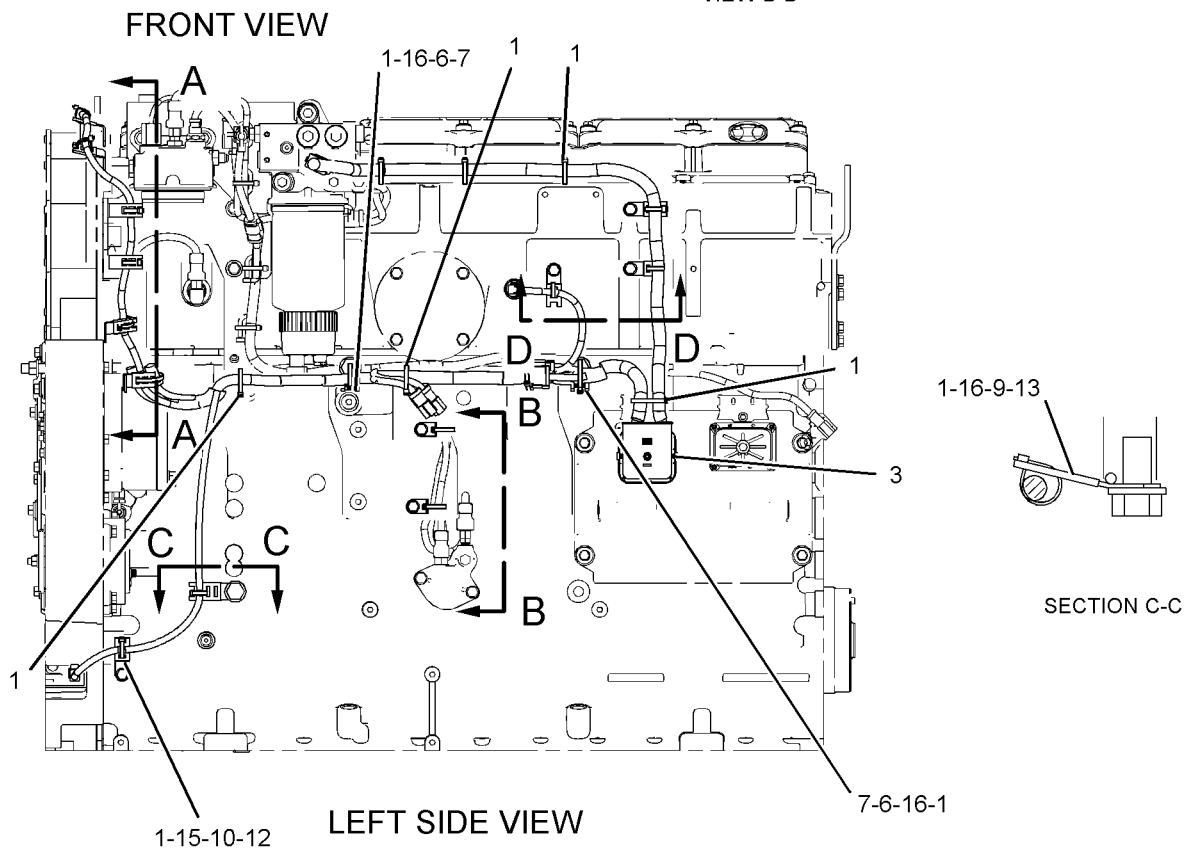
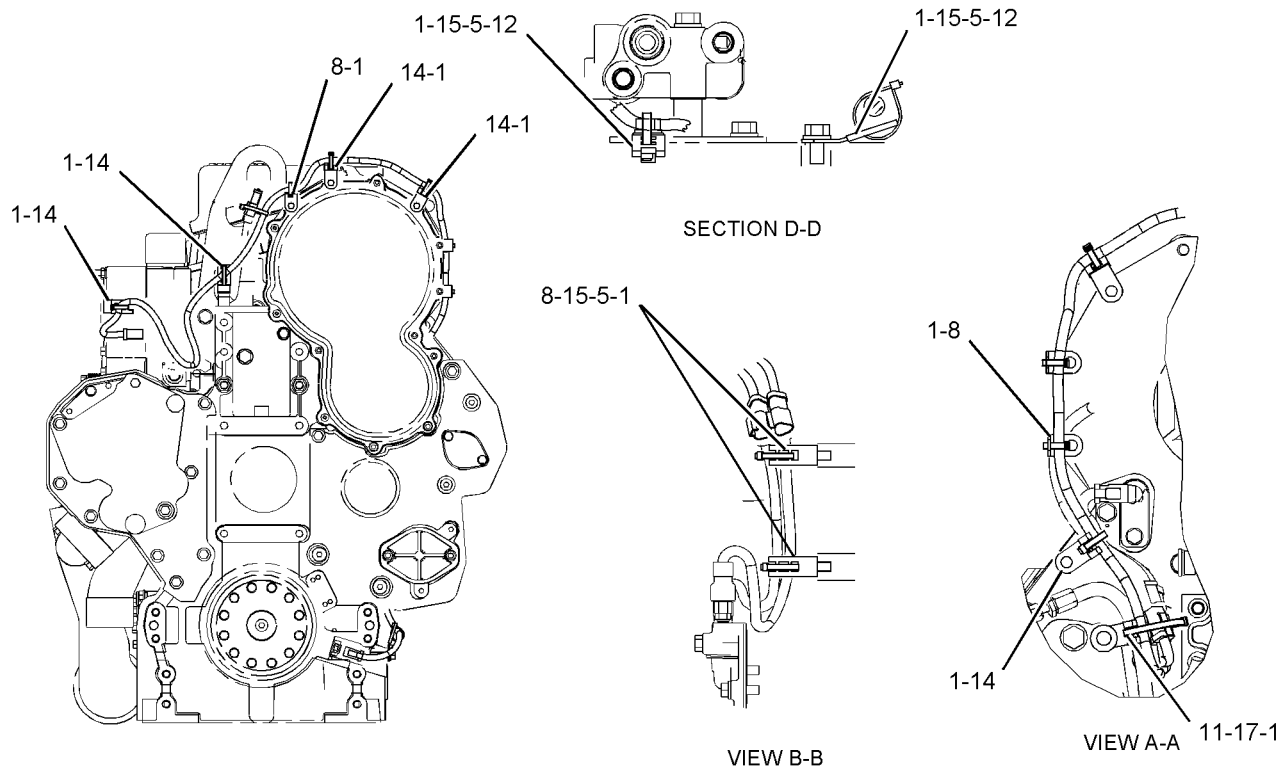
i02756850

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	25	STRAP-CABLE						
	3	1	239-5929	1	HARNESS AS-ENGINE (ENGINE ELECTRONIC CONTROL)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS WEDGE)						
		1	8T-8737	80	PLUG-SEAL						
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
		1	155-2265	1	KIT-CONNECTING PLUG (8-PIN)						
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
		1	155-2270	6	KIT-CONNECTING PLUG (2-PIN)						
					(EACH PLUG KIT INCLUDES PLUG AS AND WEDGE)						
		1	227-4002	1	PLUG AS-CONNECTOR (108-PIN)						
	5	1	0S-0509	5	BOLT (3/8-16X0.75-IN)						
	6	1	0S-1576	2	BOLT (5/8-18X2-IN)						
	7	1	104-6202	2	CLIP						
	8	1	132-5789	5	CLIP						
	9	1	1A-4273	1	BOLT (5/8-18X1.25-IN)						
	10	1	3B-1915	1	BOLT (3/8-16X1.375-IN)						
	11	1	4P-7429	1	CLIP						
	12	1	4P-7581	4	CLIP						
	13	1	4P-7582	1	CLIP (LADDER)						
	14	1	4P-8134	5	CLIP						
	15	1	5M-2894	6	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	16	1	5P-8247	3	WASHER-HARD (17X32X3.5-MM THK)						
	17	1	8T-4223	1	WASHER-HARD (13.5X25.5X3-MM THK)						

ELECTRICAL AND STARTING SYSTEM

239-5914 WIRING GP-ENGINE ELECTRONIC (contd.)

i02756850



GRAPHIC #1

<END>

g01104822

ELECTRICAL AND STARTING SYSTEM

239-5914 WIRING GP-ENGINE ELECTRONIC

S/N: LHX10577-UP

PART OF 225-8923 ENGINE AR-COMPLETE

SMCS-1408, 1901

i02719144

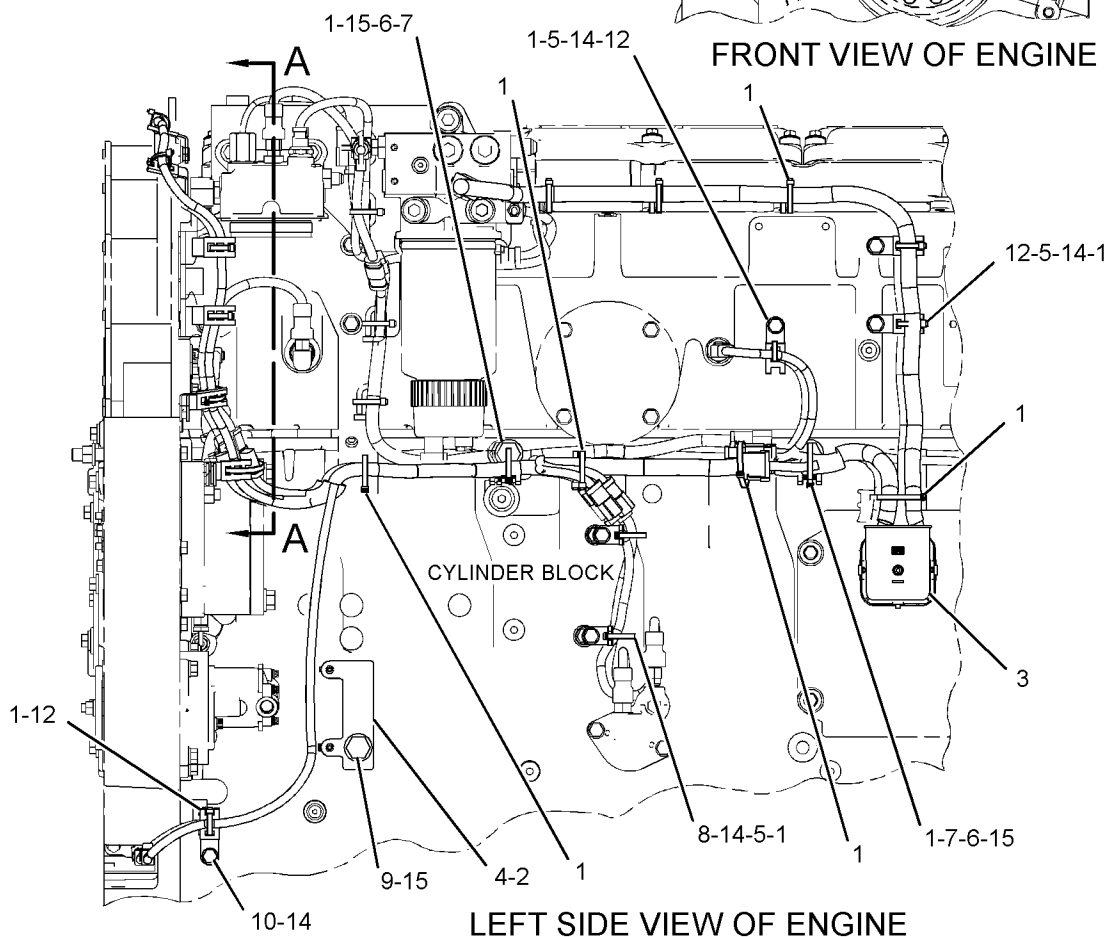
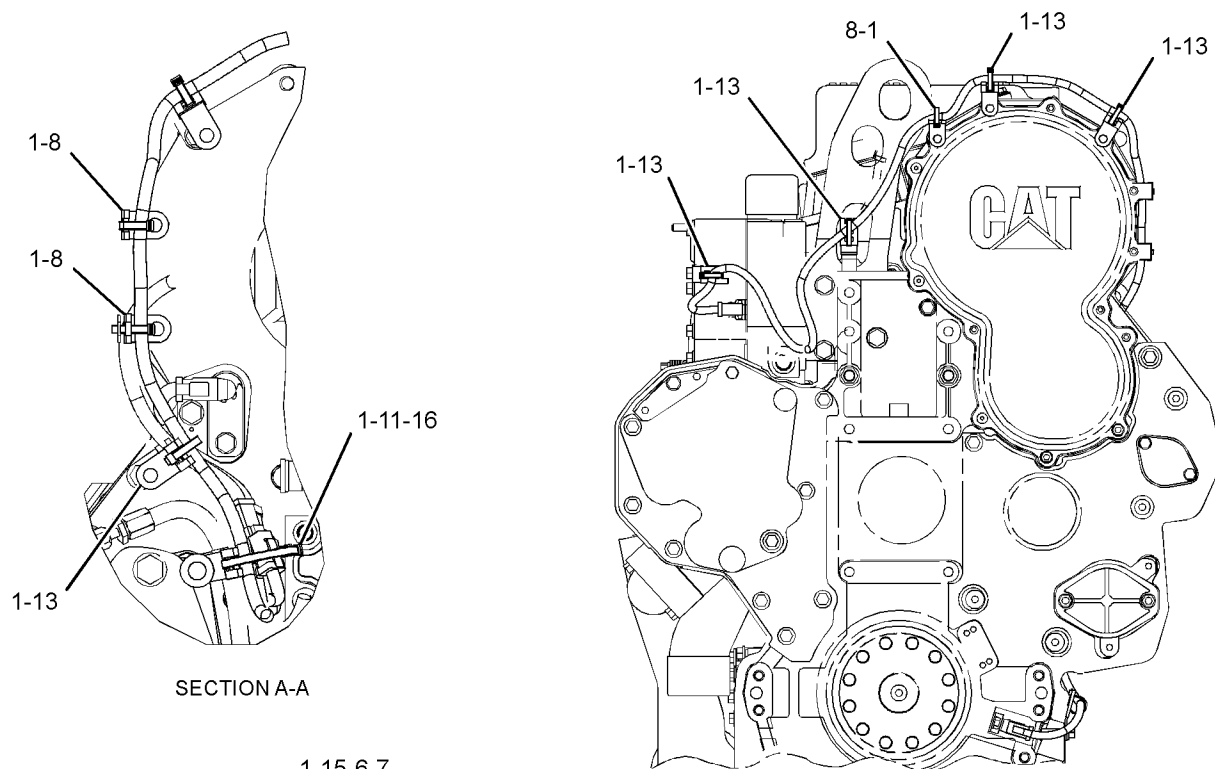
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	1	1	3S-2093	24	STRAP-CABLE						
C	2	1	206-1345	2	STRAP-CABLE						
	3	1	239-5929	1	HARNESS AS-ENGINE (ENGINE ELECTRONIC CONTROL)						
		1	3S-2093	1	STRAP-CABLE						
E		1	114-8843		SLEEVE-PLASTIC (32-MM DIA) (160-CM)						
E		1	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (15-CM)						
		1	211-6807	1	COVER (CONNECTOR)						
		1	264-5732	1	PLUG AS-CONNECTOR (120-PIN)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
		1	102-8803	2	KIT-RECEPTACLE (3-PIN)						
					(EACH KIT INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
		1	155-2265	1	KIT-CONNECTING PLUG (8-PIN)						
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
		1	155-2270	5	KIT-CONNECTING PLUG (2-PIN)						
					(EACH KIT INCLUDES PLUG AS & WEDGE)						
C	4	1	288-1023	1	BRACKET-SUPPORT						
	5	1	0S-0509	5	BOLT (3/8-16X0.75-IN)						
	6	1	0S-1576	2	BOLT (5/8-18X2-IN)						
	7	1	104-6202	2	CLIP						
	8	1	132-5789	5	CLIP						
	9	1	1A-4273	1	BOLT (5/8-18X1.25-IN)						
	10	1	3B-1915	1	BOLT (3/8-16X1.375-IN)						
	11	1	4P-7429	1	CLIP						
	12	1	4P-7581	4	CLIP						
	13	1	4P-8134	5	CLIP						
	14	1	5M-2894	6	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	15	1	5P-8247	3	WASHER-HARD (17X32X3.5-MM THK)						
	16	1	8T-4223	1	WASHER-HARD (13.5X25.5X3-MM THK)						

C- CHANGE FROM PREVIOUS TYPE
E- ORDER BY THE CENTIMETER

ELECTRICAL AND STARTING SYSTEM

239-5914 WIRING GP-ENGINE ELECTRONIC (contd.)

i02719144



GRAPHIC #1

<END>

g01371467

ELECTRICAL AND STARTING SYSTEM

240-7131 WIRING GP-FRONT

S/N: ASX1-299

PART OF 226-9616 ELECTRICAL AR

SMCS-5734

i02424729

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1L-5081	1	SPACER (0.41X0.75X0.56-IN THK)	
	2	1	3V-7429	4	CLAMP	
B	3	1	9X-6772	11	STRAP-CABLE	
	4	1	119-6200	2	PLATE	
	5	1	177-9585	1	BRACKET AS	
	6	1	240-6697	1	HARNESS AS-FRONT CHASSIS	
		1	9X-6772	4	STRAP-CABLE	
		1	102-8802	4	KIT-RECEPTACLE (2-PIN)	
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)	
		1	102-8804	2	KIT-RECEPTACLE (4-PIN)	
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)	
					(EACH KIT INCLUDES RECEPTACLE AS AND WEDGE)	
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	12	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2271	2	KIT-CONNECTING PLUG (4-PIN)	
					(EACH KIT INCLUDES PLUG AS AND WEDGE)	
	7	1	115-3070	2	CLIP AS-CONNECT (4-PIN)	
	8	1	130-5300	1	CLIP	
	9	1	164-4225	1	CLIP	
	10	1	4K-8302	2	CLIP	
	11	1	5P-9085	1	CLIP	
	12	1	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)	
M	13	1	8T-4137	2	BOLT (M10X1.5X20-MM)	
M	14	1	8T-4179	3	BOLT (M12X1.75X20-MM)	
M	15	1	8T-4192	2	BOLT (M12X1.75X25-MM)	
M	16	1	8T-4196	1	BOLT (M10X1.5X35-MM)	
	17	1	8T-4223	5	WASHER-HARD (13.5X25.5X3-MM THK)	
M	18	1	8T-5005	4	BOLT (M10X1.5X70-MM)	

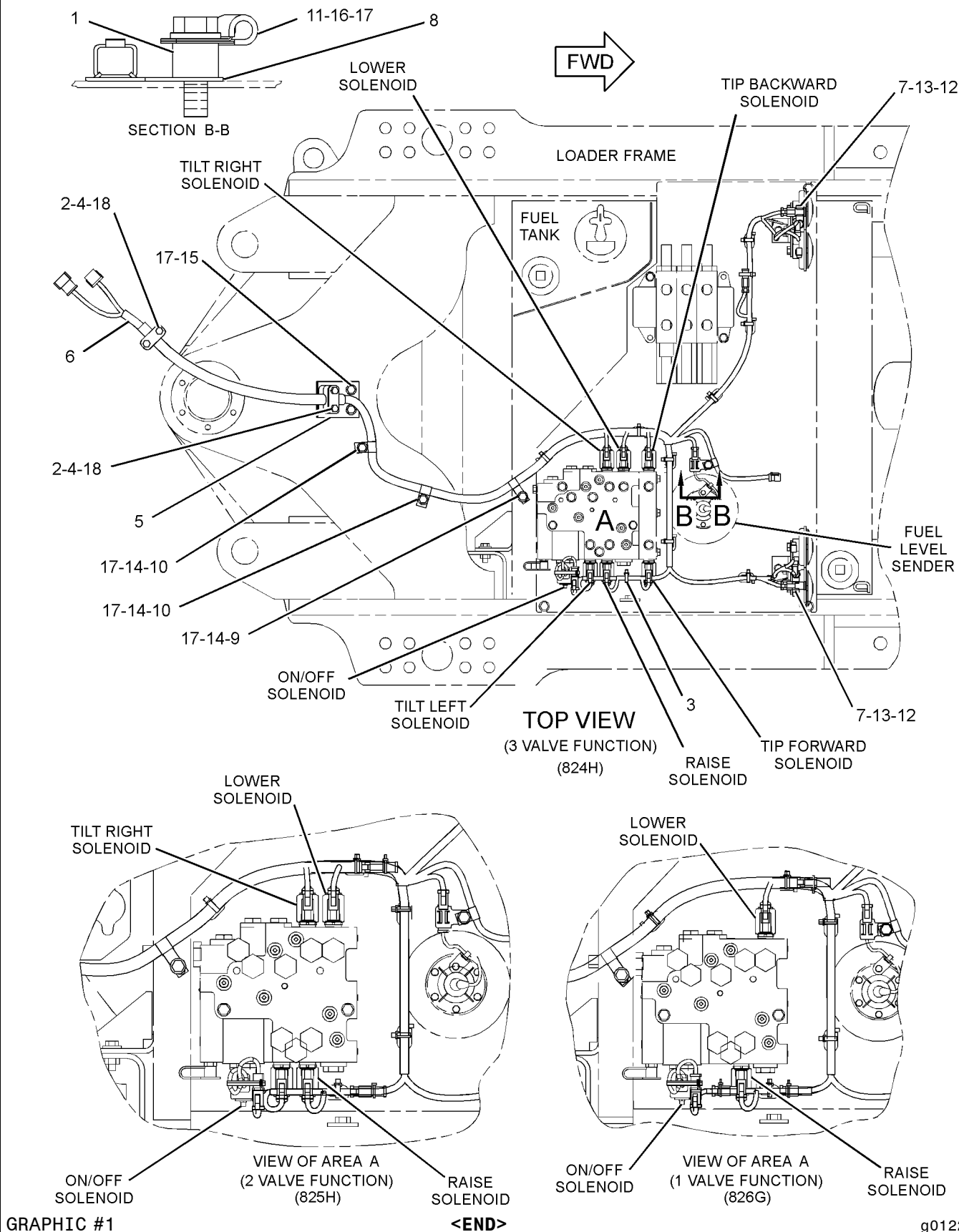
B-USE AS REQUIRED

M-METRIC PART

ELECTRICAL AND STARTING SYSTEM

240-7131 WIRING GP-FRONT (contd.)

i02424729



ELECTRICAL AND STARTING SYSTEM

240-7131 WIRING GP-FRONT

S/N: ASX300-UP

PART OF 285-7324 ELECTRICAL AR

SMCS-5734

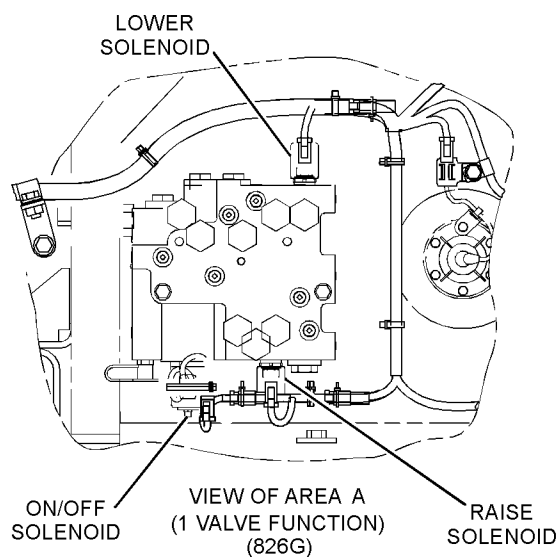
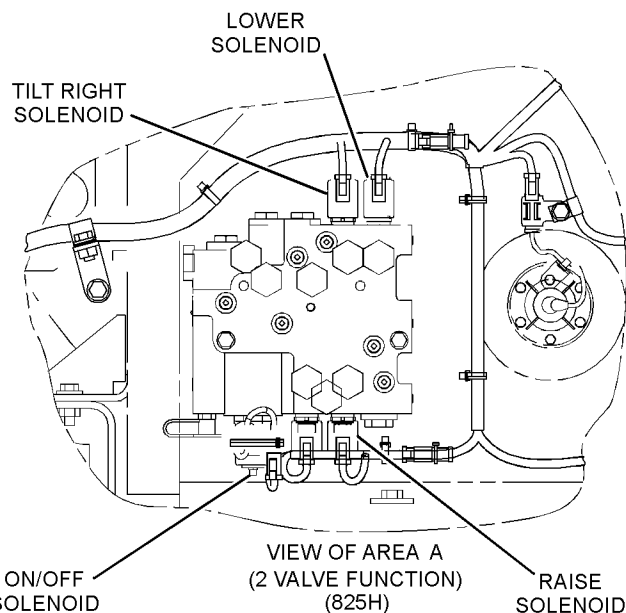
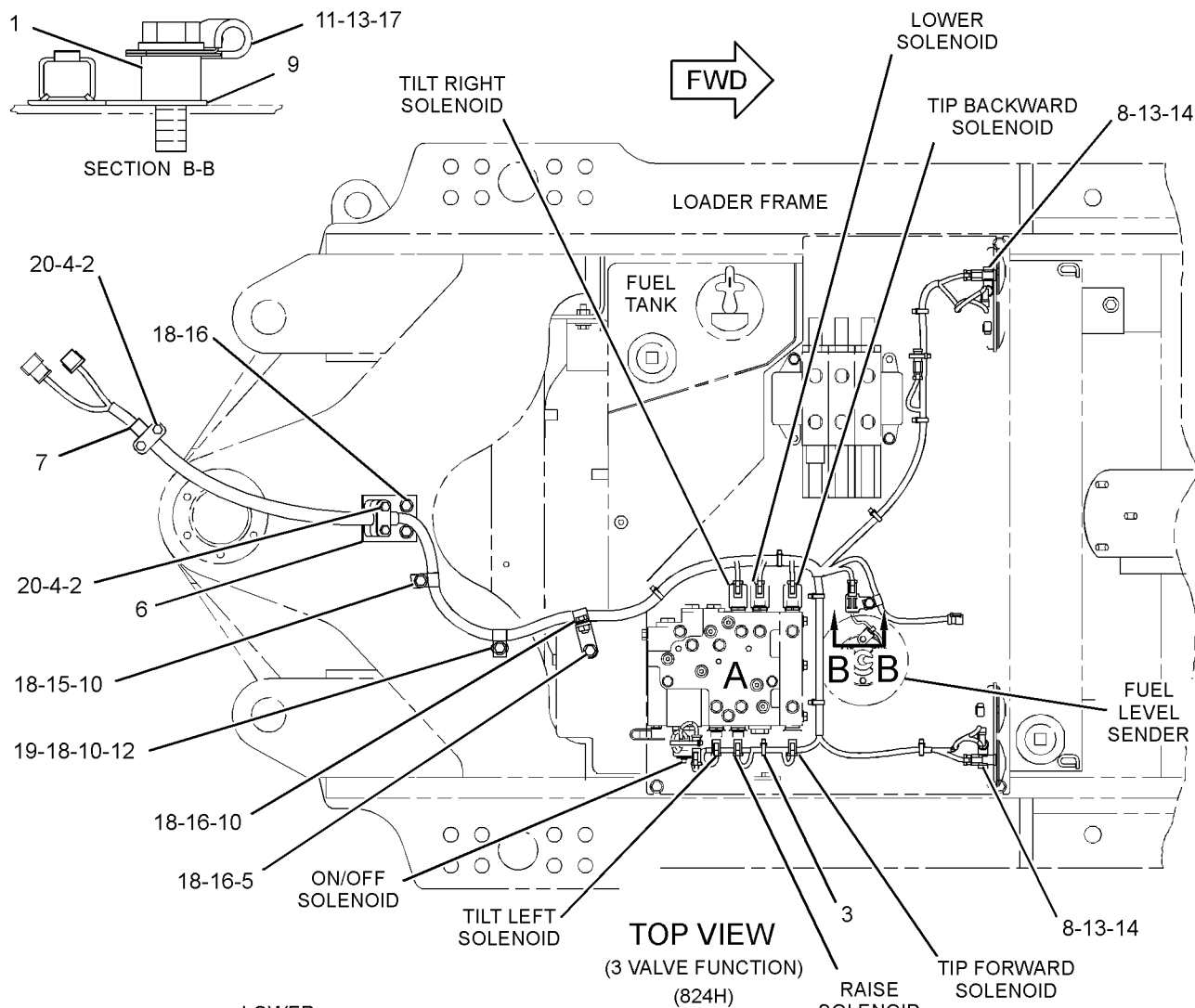
i02684022

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1L-5081	1	SPACER (0.41X0.75X0.56-IN THK)	
	2	1	3V-7429	4	CLAMP	
B	3	1	9X-6772	11	STRAP-CABLE	
	4	1	119-6200	2	PLATE	
C	5	1	165-8764	1	BRACKET AS	
	6	1	177-9585	1	BRACKET AS	
	7	1	240-6697	1	HARNESS AS-FRONT CHASSIS	
		1	9X-6772	4	STRAP-CABLE	
		1	102-8802	4	KIT-RECEPTACLE (2-PIN)	
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)	
		1	102-8804	2	KIT-RECEPTACLE (4-PIN)	
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)	
					(EACH KIT INCLUDES RECEPTACLE AS AND WEDGE)	
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	12	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2271	2	KIT-CONNECTING PLUG (4-PIN)	
					(EACH KIT INCLUDES PLUG AS AND WEDGE)	
	8	1	115-3070	2	CLIP AS-CONNECT (4-PIN)	
	9	1	130-5300	1	CLIP	
C	10	1	4K-8302	3	CLIP	
	11	1	5P-9085	1	CLIP	
C	12	1	8F-0492	1	SPACER (0.531X1.125X0.625-IN THK)	
	13	1	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)	
M	14	1	8T-4137	2	BOLT (M10X1.5X20-MM)	
CM	15	1	8T-4179	1	BOLT (M12X1.75X20-MM)	
CM	16	1	8T-4192	1	BOLT (M12X1.75X25-MM)	
M	17	1	8T-4196	1	BOLT (M10X1.5X35-MM)	
C	18	1	8T-4223	6	WASHER-HARD (13.5X25.5X3-MM THK)	
CM	19	1	8T-4956	1	BOLT (M12X1.75X35-MM)	
M	20	1	8T-5005	4	BOLT (M10X1.5X70-MM)	
B-USE AS REQUIRED						
C-CHANGE FROM PREVIOUS TYPE						
M-METRIC PART						

ELECTRICAL AND STARTING SYSTEM

240-7131 WIRING GP - FRONT (contd.)

i02684022



GRAPHIC #1

<END>

g01363438

ELECTRICAL AND STARTING SYSTEM

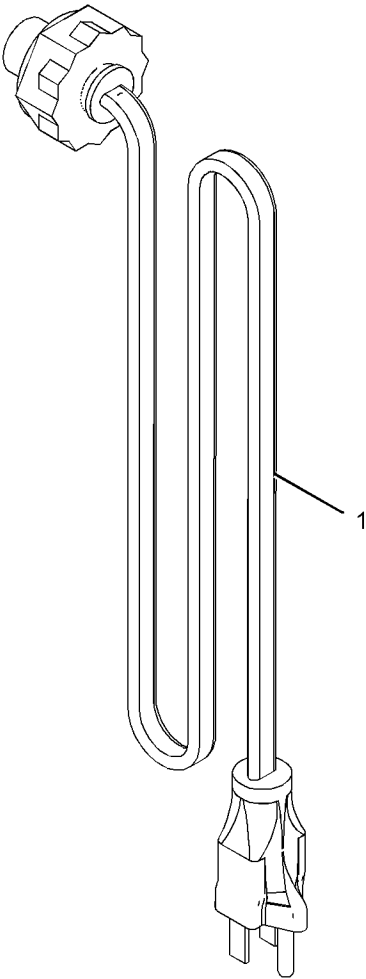
296 - 8073 WIRING GP-HEATER-JACKET WATER

S/N: ASX1-UP
120-VOLT, 15-AMPERE
AN ATTACHMENT

SMCS-1408

i02679279

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9N-5253	1	CORD AS-JACKET WATER HEATER						



GRAPHIC #1

<END>

g01349212

ELECTRICAL AND STARTING SYSTEM

285-7337 WIRING GP-MACHINE

S/N: ASX300-UP

PART OF 285-7324 ELECTRICAL AR

SMCS-1408

i02682972

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	6W-8355	1	SHEET	
	2	2	8R-9137	1	ANGLE	
	3	1, 2, 3	9X-6772	13	STRAP-CABLE	
	4	1	115-3072	1	CLIP AS-CONNECTOR (8-PIN)	
	5	3	116-0118	1	CLIP	
	6	2	116-4491	2	BRACKET AS (EACH INCLUDES)	
M		2	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	7	2	118-9901	1	SPACER (12X20X10-MM THK)	
	8	3	121-1340	1	ANGLE AS	
	9	2	142-1657	1	BRACKET AS	
M		2	8T-3490	1	NUT-WELD (M10X1.5-THD)	
Y	10	2	164-7577	1	SWITCH GP-BYPASS (TRANSMISSION FILTER)	295
	11	3	174-4312	1	SWITCH AS-PRESSURE (PARKING BRAKE OIL)	
		3	8T-8729	3	PIN-CONNECTOR	
D		3	5P-6008		TUBE (6.35-MM DIA) (0.2-M)	
		3	102-8803	1	KIT-RECEPTACLE (3-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
	12	3	175-3244	1	SWITCH AS-PRESSURE (SERVICE BRAKE OIL)	
		3	8T-8729	3	PIN-CONNECTOR	
D		3	5P-6008		TUBE (6.35-MM DIA) (0.2-M)	
		3	102-8803	1	KIT-RECEPTACLE (3-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
	13	1	199-4888	1	HARNESS AS-BRAKE	
		1	102-8806	1	KIT-RECEPTACLE (8-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
		1	155-2260	2	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN) (EACH KIT-PLUG INCLUDES PLUG AS AND WEDGE)	
	14	2	200-2326	1	BRACKET AS	
	15	2	204-2281	3	STRAP-TIE	
	16	1	285-7454	1	HARNESS AS-CHASSIS (MAIN)	
		1	102-8802	2	KIT-RECEPTACLE (2-PIN)	
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)	
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)	
		1	177-9653	1	KIT-RECEPTACLE (4-PIN) (EACH KIT-RECEPTACLE INCLUDES RECEPTACLE AS AND WEDGE)	
		1	8N-1514	1	PLUG AS-CONNECTOR (37-PIN)	
		1	8N-1518	2	PLUG AS-CONNECTOR (25-PIN)	
		1	155-2255	2	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2265	1	KIT-CONNECTING PLUG (8-PIN)	
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	4	KIT-CONNECTING PLUG (2-PIN)	
		1	177-9656	1	KIT-CONNECTING PLUG (4-PIN) (EACH KIT-PLUG INCLUDES PLUG AS AND WEDGE)	
		1	8N-1521	4	BELL AS-END (2-GA)	
		1	9X-6772	9	STRAP-CABLE	
	17	3	288-8390	1	SENSOR GP-TEMPERATURE (HYDRAULIC OIL)	
		3	8T-8737	1	PLUG-SEAL	
E		3	9X-1813		SLEEVE (33-CM)	
	18	3	296-4267	1	HARNESS AS-HYDRAULIC TANK (TEMPERATURE SENSOR)	
		3	102-8805	1	KIT-RECEPTACLE (6-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
		3	230-5008	1	PLUG AS-CONNECTOR (4-PIN)	

ELECTRICAL AND STARTING SYSTEM

285-7337 WIRING GP-MACHINE (contd.)

i02682972

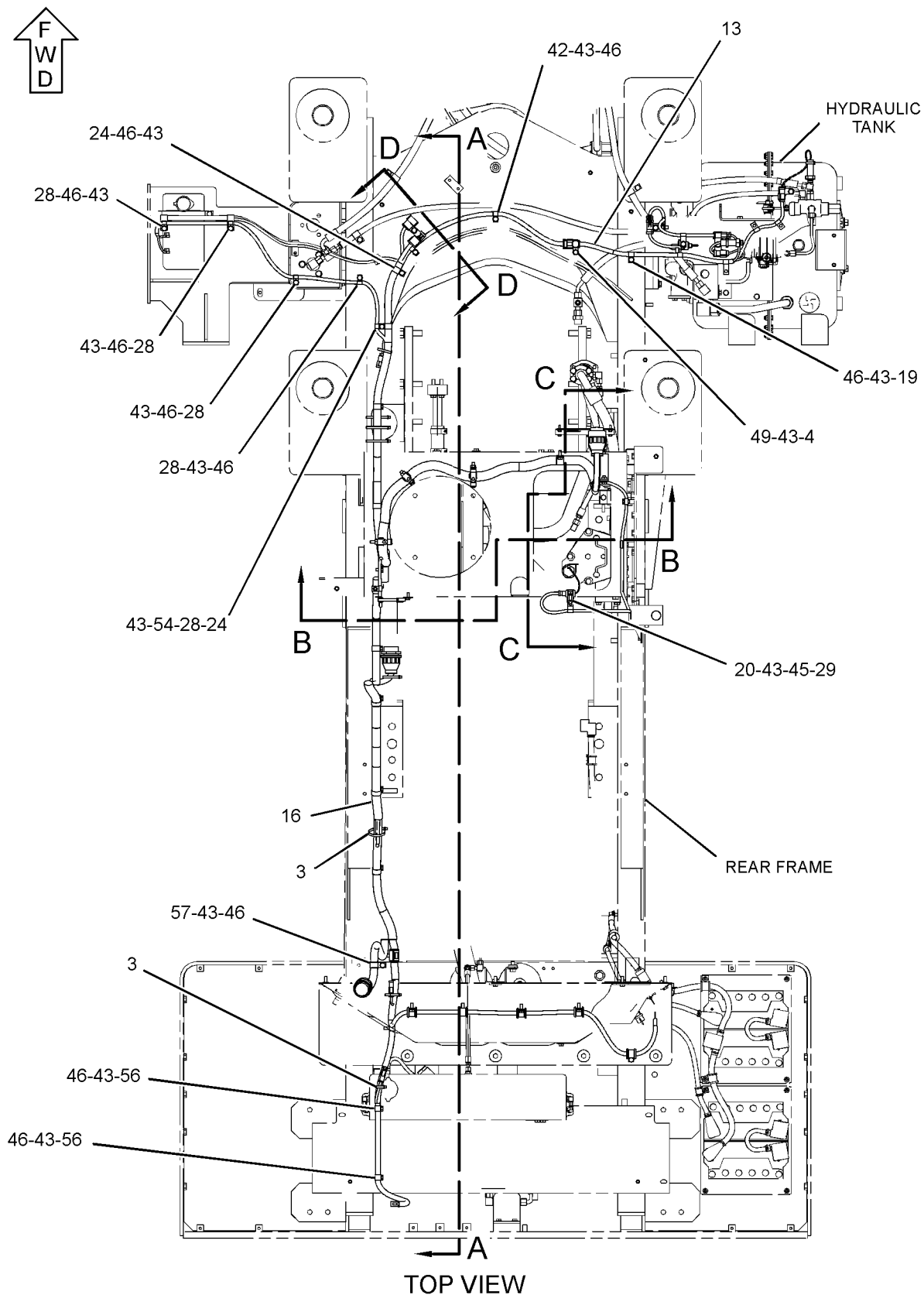
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	19	1, 3	033-8248	2	CLIP						
	20	1, 2, 3	130-5300	7	CLIP						
	21	3	147-0385	1	CLIP						
	22	2	149-7738	1	CLIP						
	23	2	177-4562	5	GROMMET						
	24	1	1S-0994	2	CLIP						
	25	2	204-8000	3	ANCHOR-TIE						
	26	3	3J-1907	3	SEAL-O-RING						
	27	2	3P-2404	1	CLIP						
	28	1	4D-7794	5	CLIP						
	29	1, 3	4D-8123	2	CLIP						
	30	2	4S-1962	1	CLIP						
	31	2	5P-4116	1	WASHER-HARD (8.8X20.5X2-MM THK)						
	32	2	5P-7462	1	CLIP (SLOT)						
	33	2	5P-7463	1	CLIP (TAB)						
	34	2, 3	5P-9085	5	CLIP						
	35	2	6D-4244	2	CLIP						
	36	2	6V-0683	1	GROMMET						
	37	2	6V-1889	1	CLIP						
	38	2, 3	6V-2383	3	CLIP						
	39	2	7C-4354	3	CLIP						
M	40	3	7X-2548	1	BOLT (M12X1.75X16-MM)						
	41	2	7X-7729	2	WASHER (11X25X3-MM THK)						
	42	1, 2	8M-2770	2	CLIP						
	43	1, 2, 3	8T-4121	47	WASHER-HARD (11X21X2.5-MM THK)						
M	44	2	8T-4133	1	NUT (M10X1.5-THD)						
M	45	1, 2, 3	8T-4136	22	BOLT (M10X1.5X25-MM)						
M	46	1, 2, 3	8T-4137	20	BOLT (M10X1.5X20-MM)						
M	47	3	8T-4179	1	BOLT (M12X1.75X20-MM)						
M	48	2	8T-4185	1	BOLT (M10X1.5X50-MM)						
M	49	1, 2	8T-4186	2	BOLT (M10X1.5X40-MM)						
M	50	2	8T-4189	1	BOLT (M8X1.25X20-MM)						
M	51	2, 3	8T-4195	2	BOLT (M10X1.5X30-MM)						
	52	2, 3	8T-4223	3	WASHER-HARD (13.5X25.5X3-MM THK)						
M	53	2	8T-4244	1	NUT (M12X1.75-THD)						
M	54	1	8T-6466	1	BOLT (M10X1.5X60-MM)						
	55	2	9M-4972	2	CLIP						
	56	1, 2	9M-8406	3	CLIP						
	57	1, 2	9X-8250	5	CLIP						

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

ELECTRICAL AND STARTING SYSTEM

285 - 7337 WIRING GP-MACHINE (contd.)

i02682972



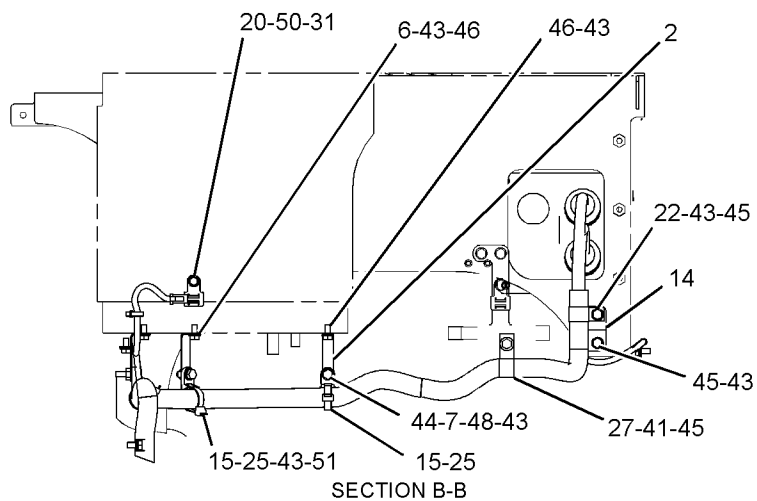
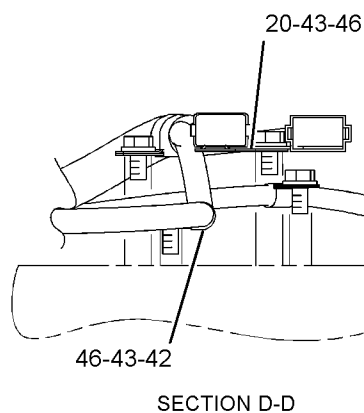
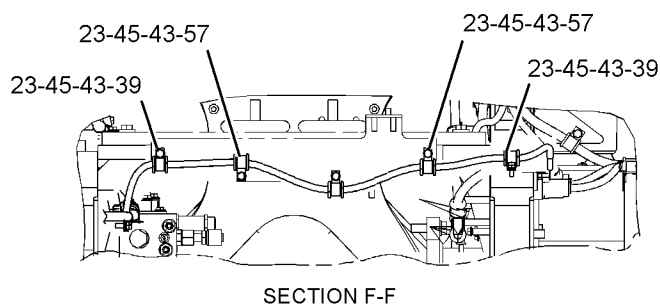
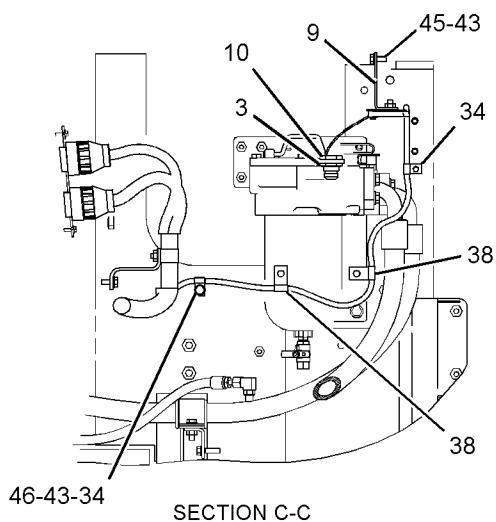
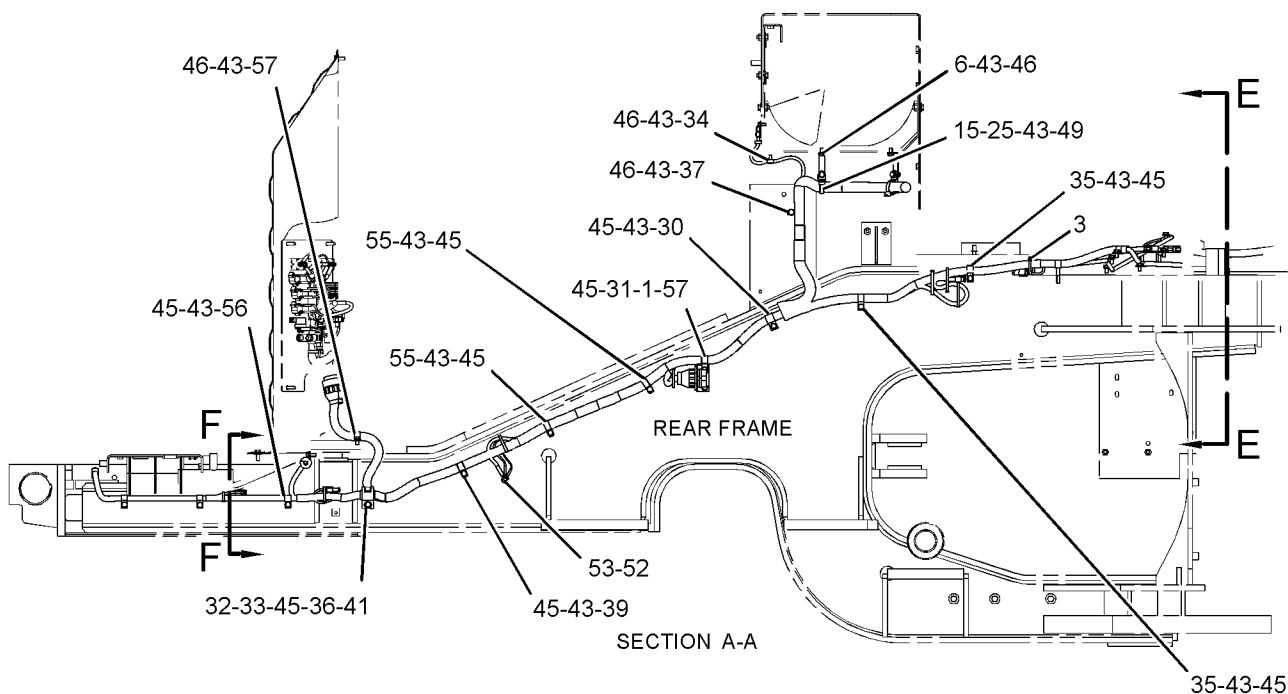
GRAPHIC #1

g01374559

ELECTRICAL AND STARTING SYSTEM

285 - 7337 WIRING GP-MACHINE (contd.)

i02682972



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS.

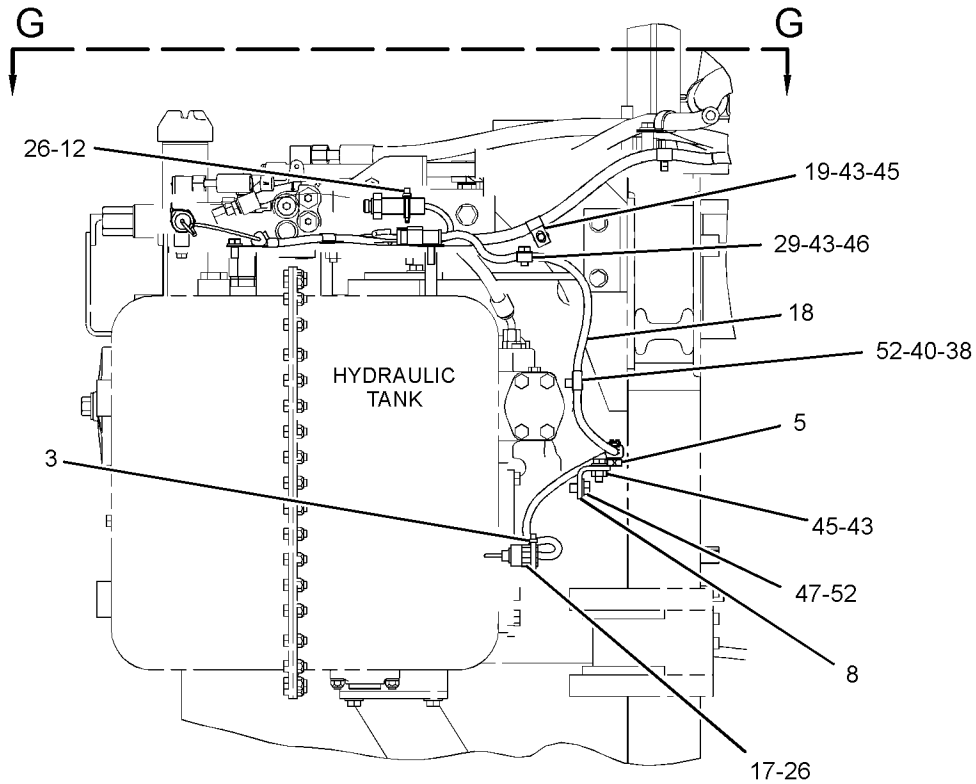
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g01374560

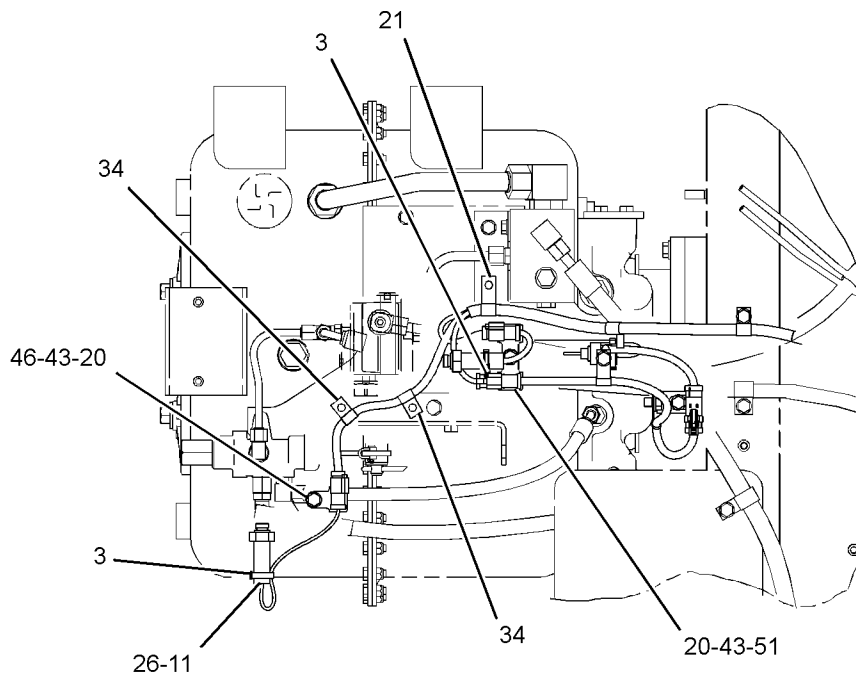
ELECTRICAL AND STARTING SYSTEM

285 - 7337 WIRING GP-MACHINE (contd.)

i02682972



SECTION E-E



SECTION G-G

<END>

GRAPHIC #3

g01374561

ELECTRICAL AND STARTING SYSTEM

227-4422 WIRING GP-REAR

S/N: ASX1-299

PART OF 226-9616 ELECTRICAL AR

SMCS-1408

i02279304

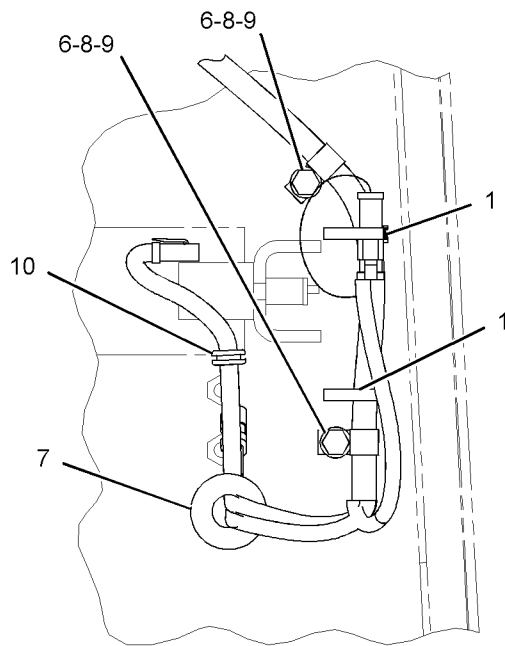
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	9X-6772	4	STRAP-CABLE	
	2	1	227-4596	1	HARNESS AS-REAR (BACKUP ALARM, LIGHTS)	
		1	102-8802	2	KIT-RECEPTACLE (2-PIN)	
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)	
					(EACH KIT INCLUDES RECEPTACLE AS AND WEDGE)	
		1	155-2260	2	KIT-CONNECTING PLUG (3-PIN)	
		1	155-2270	5	KIT-CONNECTING PLUG (2-PIN)	
					(EACH KIT INCLUDES PLUG AS AND WEDGE)	
	3	1	115-3073	1	CLIP AS-CONNECTING	
	4	1	1P-7009	4	CLIP	
	5	1	4K-8864	7	CLIP	
	6	1	8M-2770	6	CLIP	
	7	1	8M-2784	2	GROMMET	
	8	1	8T-4121	16	WASHER-HARD (11X21X2.5-MM THK)	
M	9	1	8T-4136	16	BOLT (M10X1.5X25-MM)	
	10	1	9X-7344	2	GROMMET	

M-METRIC PART

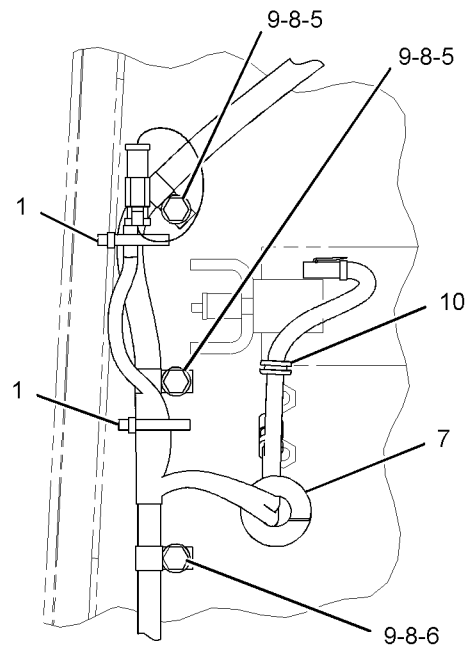
ELECTRICAL AND STARTING SYSTEM

227-4422 WIRING GP-REAR (contd.)

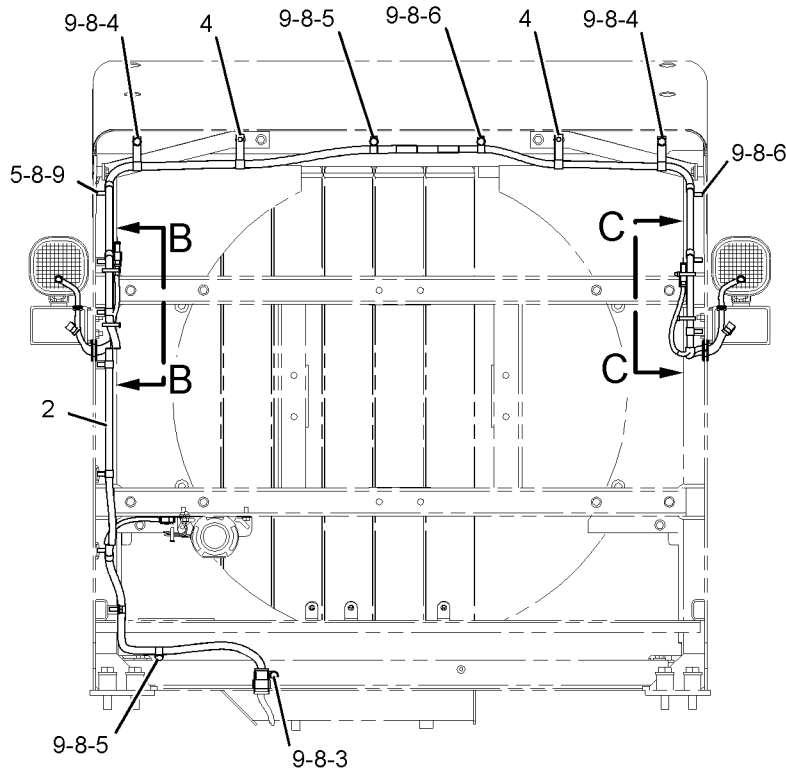
i02279304



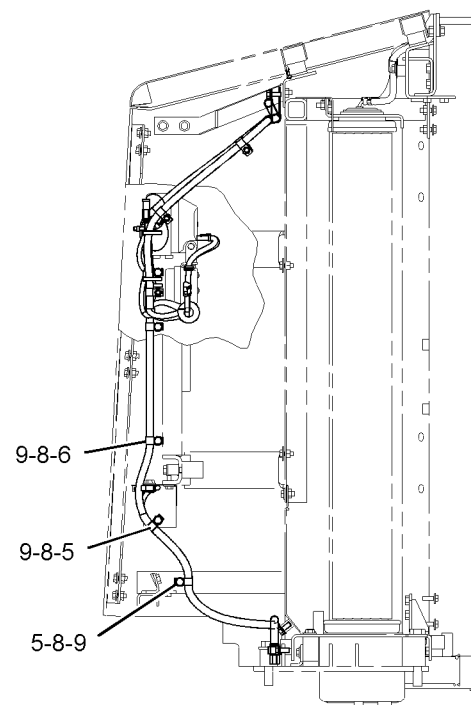
VIEW C-C



VIEW B-B



REAR VIEW



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g01032600

ELECTRICAL AND STARTING SYSTEM

297-5208 WIRING GP-REAR

S/N: ASX300-UP

PART OF 285-7324 ELECTRICAL AR

SMCS-1408

i02682973

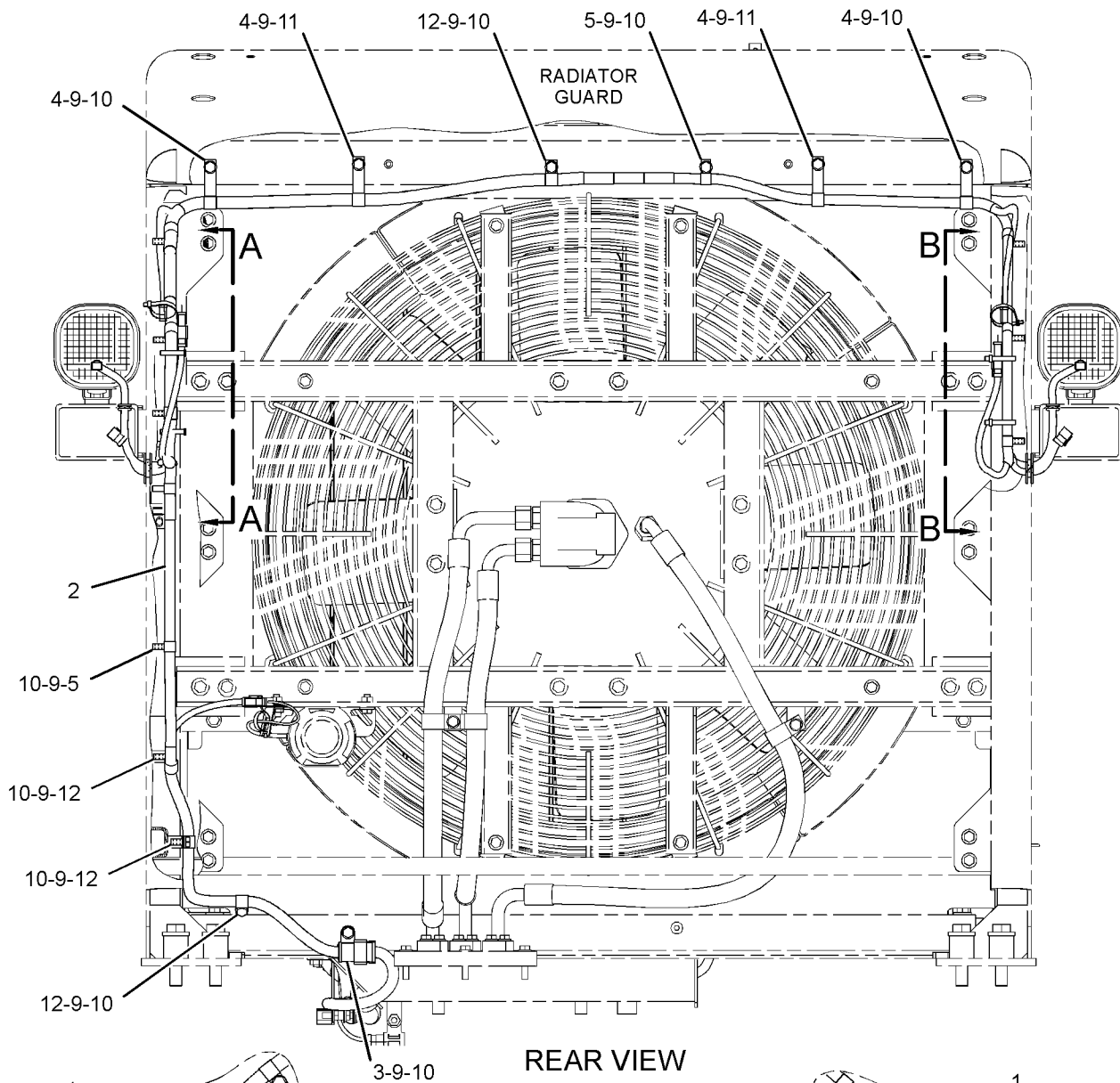
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-6772	6	STRAP-CABLE						
	2	1	297-5210	1	HARNESS AS-REAR						
		1	102-8802	4	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		1	155-2260	2	KIT-CONNECTING PLUG (3-PIN)						
					(EACH INCLUDES PLUG AS AND WEDGE)						
		1	174-0503	1	KIT-CONNECTING PLUG (3-PIN)						
					(INCLUDES PLUG AS AND WEDGE)						
		1	155-2270	7	KIT-CONNECTING PLUG (2-PIN)						
					(INCLUDES PLUG AS AND WEDGE)						
		1	174-0503	1	KIT-CONNECTING PLUG (3-PIN)						
					(INCLUDES PLUG AS AND WEDGE)						
	3	1	130-5300	1	CLIP						
	4	1	1P-7009	4	CLIP						
	5	1	4K-8864	3	CLIP						
	6	1	8M-2770	3	CLIP						
	7	1	8M-2773	1	CLIP						
	8	1	8M-2784	2	GROMMET						
	9	1	8T-4121	18	WASHER-HARD (11X21X2.5-MM THK)						
M	10	1	8T-4136	16	BOLT (M10X1.5X25-MM)						
M	11	1	8T-4137	2	BOLT (M10X1.5X20-MM)						
	12	1	9M-8406	6	CLIP						
	13	1	9X-7344	2	GROMMET						

M-METRIC PART

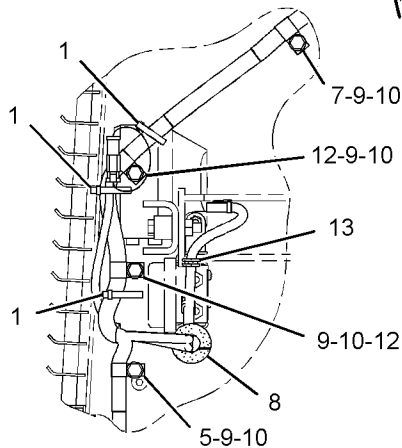
ELECTRICAL AND STARTING SYSTEM

297-5208 WIRING GP-REAR (contd.)

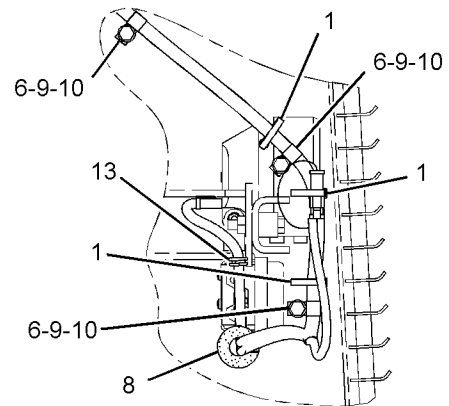
i02682973



REAR VIEW



VIEW A-A



VIEW B-B

GRAPHIC #1

<END>

g01362093

ELECTRICAL AND STARTING SYSTEM

263-4874 WIRING GP-RELAY PANEL

S/N: ASX1-299

PART OF 227-4424 WIRING GP-CHASSIS

SMCS-1408, 1422

i02304742

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	3E-5169	1	GUARD-SWITCH	
	2	1	7K-1181	3	STRAP-CABLE	
	3	1	7V-9275	1	STRAP	
	4	2	116-5896	1	PLATE-IDENTIFICATION (ALTERNATOR, MAIN BREAKERS)	
Y	5	1	125-1302	1	SWITCH GP-MAGNETIC (24-VOLT) (START RELAY)	297
	6	1	158-6634	1	SWITCH GP-TOGGLE (GROUND LEVEL SHUTDOWN)	
		1	6T-3631	2	NUT-HEX (15/32-32-THD)	
		1	6T-3632	1	LOCKWASHER	
		1	6T-3633	1	RING-LOCKING	
		1	9G-3695	1	PLUG (GROMMET SEALING)	
		1	102-8804	1	KIT-RECEPTACLE (4-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
	7	1	171-2210	1	CIRCUIT BREAKER AS (80-AMPERE) (ALTERNATOR)	
	7A	1	171-2210	1	CIRCUIT BREAKER AS (80-AMPERE) (MAIN) (EACH CIRCUIT BREAKER AS INCLUDES)	
		1	6V-8187	2	NUT (1/4-28-THD)	
		1	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)	
		1	253-2111	2	LOCKWASHER	
	8	2	177-9122	1	PLATE-IDENTIFICATION (CIRCUIT BREAKER)	
	9	2	184-1590	1	PLATE-IDENTIFICATION (ENGINE ECM BREAKER)	
	10	2	190-7630	1	PLATE-INSTRUCTION (POWER GUARD, SHUTDOWN CONTROL)	
Y	11	1	241-8368	1	SWITCH GP-MAGNETIC (24-VOLT) (MAIN POWER RELAY)	298
	12	1	263-4879	1	HARNESS AS-PANEL (RELAY)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)	
		1	102-8806	1	KIT-RECEPTACLE (8-PIN) (EACH KIT INCLUDES RECEPTACLE AS AND WEDGE)	
		1	3T-3043	1	RECEPTACLE AS-CONNECTOR (25-PIN)	
		1	8N-1517	1	RECEPTACLE AS-CONNECTOR (25-PIN)	
		1	8N-1521	2	BELL AS-END (2-GA)	
		1	9X-6772	2	STRAP-CABLE	
		1	155-2265	1	KIT-CONNECTING PLUG (8-PIN)	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)	
		1	155-2271	1	KIT-CONNECTING PLUG (4-PIN)	
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN) (EACH KIT INCLUDES PLUG AS AND WEDGE)	
	13	2	263-7314	1	PLATE AS	
M		2	6V-9632	4	NUT-WELD (M6X1-THD)	
M		2	8T-3490	2	NUT-WELD (M10X1.5-THD)	
	14	2	2V-3726	2	BUMPER	
	15	2	3K-8106	6	SCREW-MACHINE (8-32X1-IN)	
	16	1	3T-2662	1	CIRCUIT BREAKER AS (15-AMPERE) (RUNNING LIGHTS)	
		1	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)	
		1	9B-7233	2	LOCKWASHER	
	17	2	4B-1222	4	SCREW-MACHINE	
	18	2	4B-4274	4	WASHER (5.5X13X1.2-MM THK)	
	19	2	4B-4863	14	WASHER (4.7X11X1.2-MM THK)	
M	20	1	5C-9553	4	BOLT (M6X1X16-MM)	
	21	2	5L-4507	4	SCREW-MACHINE (10-32X0.875-IN)	
	22	2	6D-5801	4	LOCKNUT (8-32-THD)	
	23	1	6N-9349	1	CIRCUIT BREAKER AS (30-AMPERE) (FUSE)	
		1	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)	
		1	9B-7233	2	LOCKWASHER	
	24	1	6T-3643	1	CIRCUIT BREAKER AS (15-AMPERE) (ENGINE ECM)	

ELECTRICAL AND STARTING SYSTEM

263-4874 WIRING GP-RELAY PANEL (contd.)

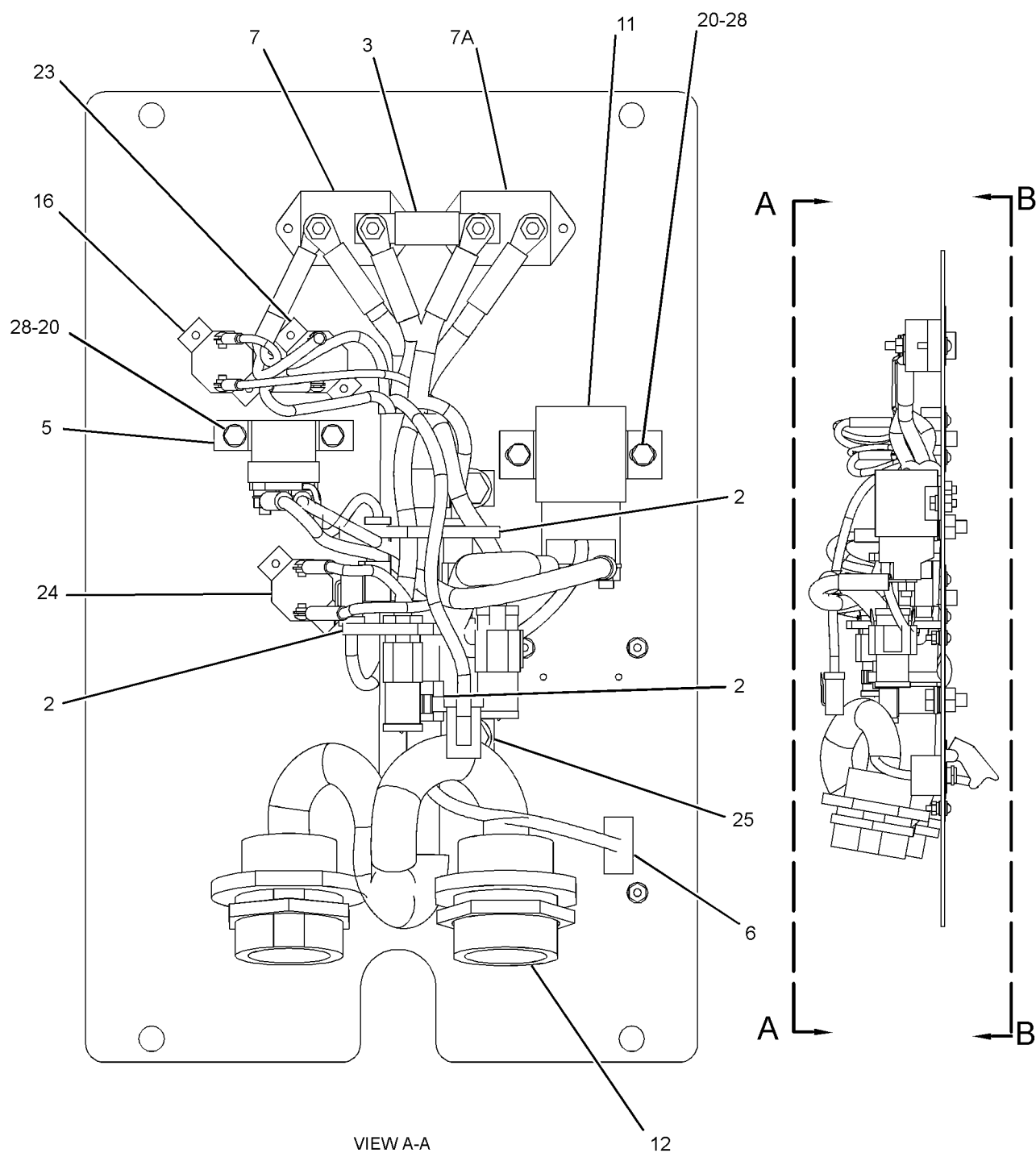
i02304742

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)						
		1	9B-7233	2	LOCKWASHER						
	25	1	6V-1889	2	CLIP						
	26	2	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
M	27	2	8T-4136	2	BOLT (M10X1.5X25-MM)						
	28	1,2	9X-8256	4	WASHER (6.6X12X2-MM THK)						
M-METRIC PART											
Y-SEPARATE ILLUSTRATION											

ELECTRICAL AND STARTING SYSTEM

263-4874 WIRING GP-RELAY PANEL (contd.)

i02304742



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

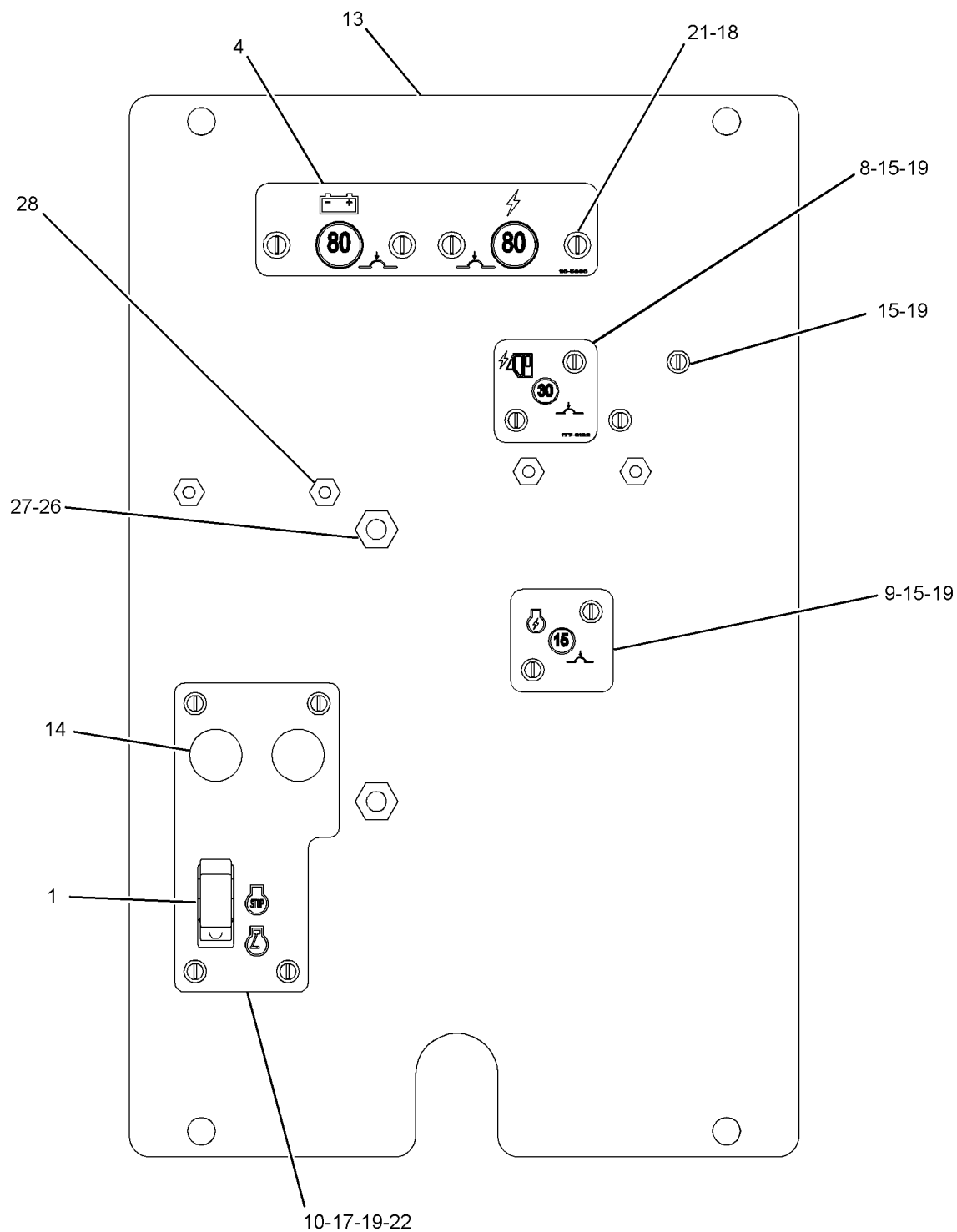
GRAPHIC #1

g01283352

ELECTRICAL AND STARTING SYSTEM

263 - 4874 WIRING GP-RELAY PANEL (contd.)

i02304742



VIEW B-B

GRAPHIC #2

<END>

g01283353

ELECTRICAL AND STARTING SYSTEM

285 - 7340 WIRING GP-RELAY PANEL

S/N: ASX300-UP

PART OF 285-7324 ELECTRICAL AR

SMCS-1408, 1422

i02756861

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3E-5169	1	GUARD-SWITCH	
	2	1	9X-6772	8	STRAP-CABLE	
	3	1	109-0361	1	FILM-INSTRUCTION (ENGINE SHUTDOWN)	
	4	1	124-3019	2	BRACKET AS (EACH INCLUDES)	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
Y	5	1	125-1302	1	SWITCH GP-MAGNETIC (24-VOLT) (START RELAY)	297
	6	1	158-6634	1	SWITCH GP-TOGGLE (GROUND LEVEL SHUTDOWN)	
		1	3E-3377	1	WEDGE-RECEPTACLE LOCK (4-PIN)	
		1	6T-3631	2	NUT-HEX (15/32-32-THD)	
		1	6T-3632	1	LOCKWASHER	
		1	6T-3633	1	RING-LOCKING	
		1	9G-3695	1	PLUG (GROMMET SEALING)	
		1	102-8804	1	KIT-RECEPTACLE (4-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
		1	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)	
	7	1	177-9122	1	PLATE-IDENTIFICATION (CIRCUIT BREAKER) (UNSWITCHED BAT POWER TO CAB)	
	8	1	184-1590	1	PLATE-IDENTIFICATION (ENGINE ECM BREAKER)	
Y	9	1	241-8368	1	SWITCH GP-MAGNETIC (24-VOLT) (MAIN RELAY)	298
	10	1	285-7455	1	HARNESS AS-PANEL (RELAY)	
		1	155-2271	1	KIT-CONNECTING PLUG (4-PIN)	
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN) (EACH PLUG KIT INCLUDES PLUG AS AND WEDGE)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
		1	8N-1517	1	RECEPTACLE AS-CONNECTOR (25-PIN)	
		1	8N-1522	1	NUT (2-1/4-16-THD)	
		1	8N-1521	1	BELL AS-END (2-GA)	
	11	1	296-4282	1	PLATE AS	
	12	1	300-8684	1	FILM-IDENTIFICATION (CIRCUIT BREAKER)	
	13	1	300-8687	1	FILM-IDENTIFICATION (CIRCUIT BREAKER)	
	14	1	130-5300	3	CLIP	
	15	1	171-2205	1	CIRCUIT BREAKER AS (40-AMPERE) (START RELAY)	
		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	
	16	1	171-2212	1	CIRCUIT BREAKER AS (105-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	
	17	1	3K-8106	6	SCREW-MACHINE (8-32X1-IN)	
	18	1	3T-2662	1	CIRCUIT BREAKER AS (15-AMPERE) (RUNNING LIGHTS)	
		1	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)	
		1	9B-7233	2	LOCKWASHER	
	19	1	4B-4274	4	WASHER (5.5X13X1.2-MM THK)	
	20	1	4B-4863	6	WASHER (4.7X11X1.2-MM THK)	
M	21	1	5C-9553	2	BOLT (M6X1X16-MM)	
	22	1	5L-4507	4	SCREW-MACHINE (10-32X0.875-IN)	
	23	1	6N-9349	1	CIRCUIT BREAKER AS (30-AMPERE) (UNSWITCHED BAT POWER TO CAB)	
		1	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)	
		1	9B-7233	2	LOCKWASHER	
	24	1	6T-3643	1	CIRCUIT BREAKER AS (15-AMPERE) (ENGINE ECM)	
		1	6V-8376	2	SCREW-MACHINE (8-32X0.25-IN)	
		1	9B-7233	2	LOCKWASHER	

ELECTRICAL AND STARTING SYSTEM

285-7340 WIRING GP-RELAY PANEL (contd.)

i02756861

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	25	1	7X-7729	2	WASHER (11X25X3-MM THK)						
	26	1	8T-4121	10	WASHER-HARD (11X21X2.5-MM THK)						
M	27	1	8T-4133	1	NUT (M10X1.5-THD)						
M	28	1	8T-4136	2	BOLT (M10X1.5X25-MM)						
M	29	1	8T-4137	5	BOLT (M10X1.5X20-MM)						
M	30	1	8T-4138	2	BOLT (M6X1X20-MM)						
M	31	1	8T-4196	4	BOLT (M10X1.5X35-MM)						
	32	1	9D-9747	2	WASHER						
	33	1	9X-8250	2	CLIP						
	34	1	9X-8256	4	WASHER (6.6X12X2-MM THK)						

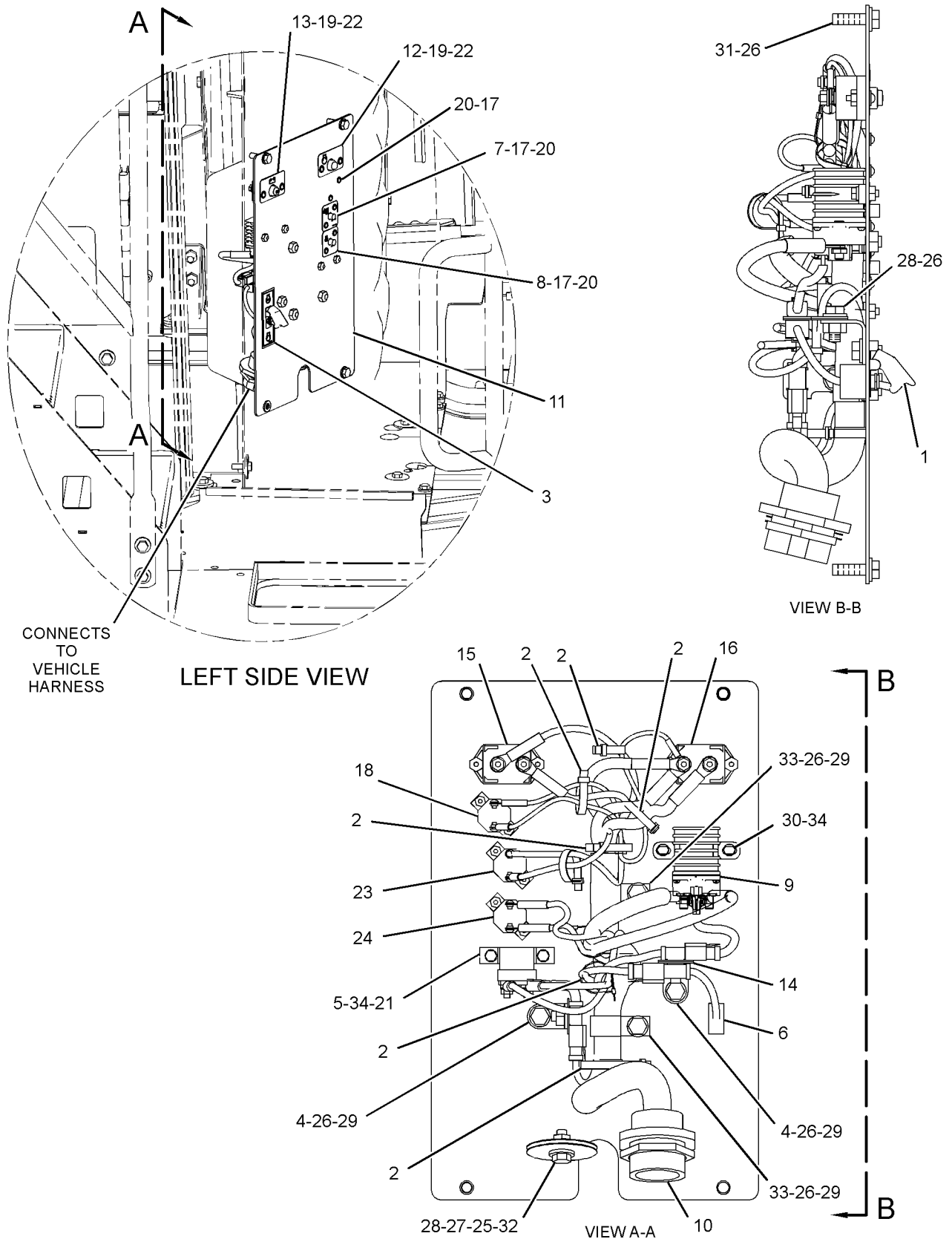
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

285-7340 WIRING GP-RELAY PANEL (contd.)

i02756861



GRAPHIC #1

<END>

g01365176

ELECTRICAL AND STARTING SYSTEM

183-9234 WIRING GP-SECONDARY STEERING

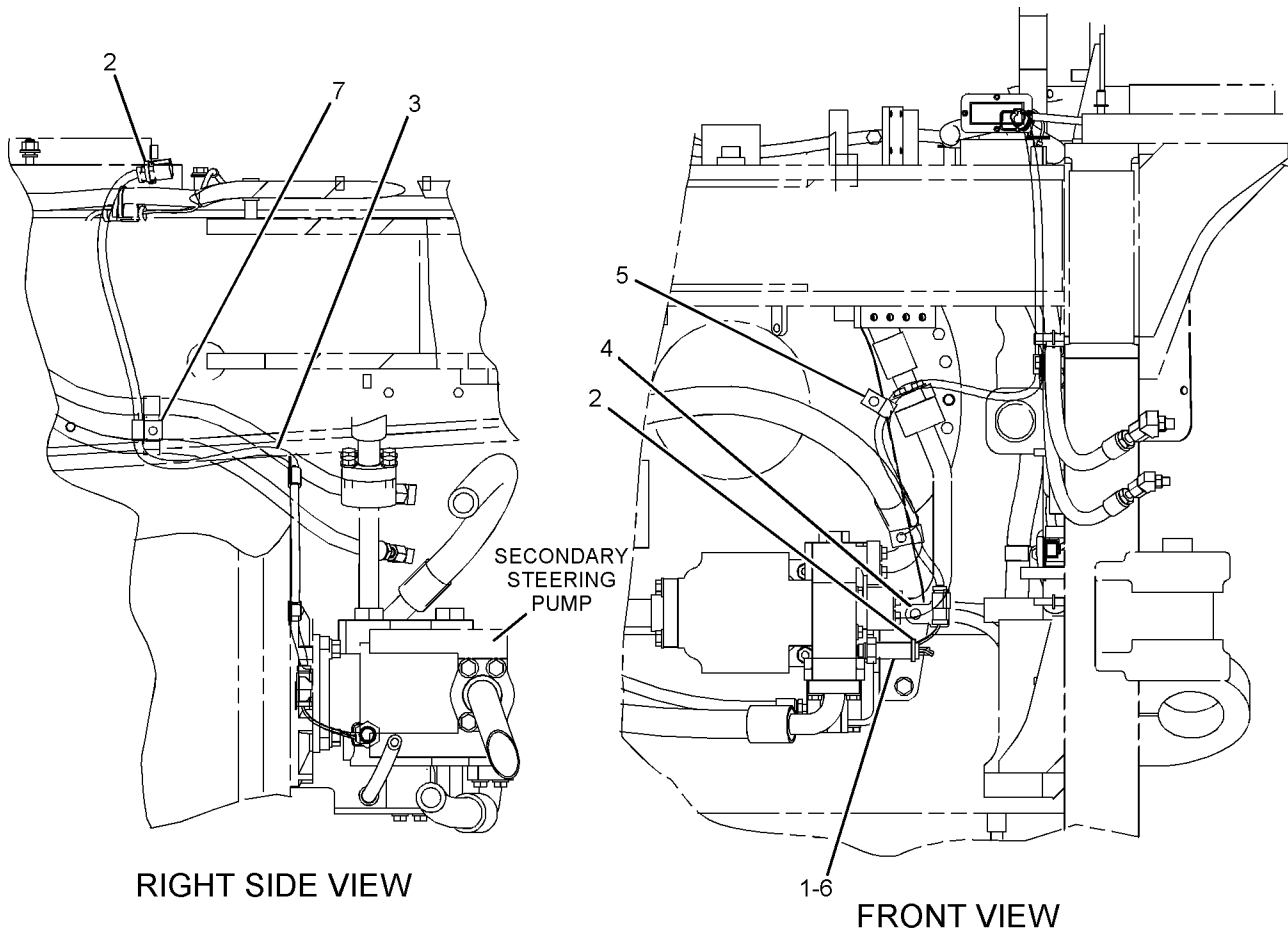
S/N: ASX1-UP

PART OF 199-5529 STEERING AR-SECONDARY
AN ATTACHMENT

SMCS-1408, 4334

i02145953

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	230-5771	1	SWITCH AS-PRESSURE (SECONDARY STEERING OIL)						
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
		1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)						
		1	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)						
	2	1	3S-2093	2	STRAP-CABLE						
	3	1	228-7287	1	HARNESS AS-STEERING (SECONDARY)						
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
	4	1	130-5301	1	CLIP						
	5	1	2T-3019	2	CLIP						
	6	1	3K-0360	1	SEAL-O-RING						
	7	1	5P-9297	1	CLIP						



GRAPHIC #1

<END>

g01035562

ELECTRICAL AND STARTING SYSTEM

244-8867 WIRING GP-SENSOR-AUTOMATIC BLADE POSITIONING

S/N: ASX1-UP

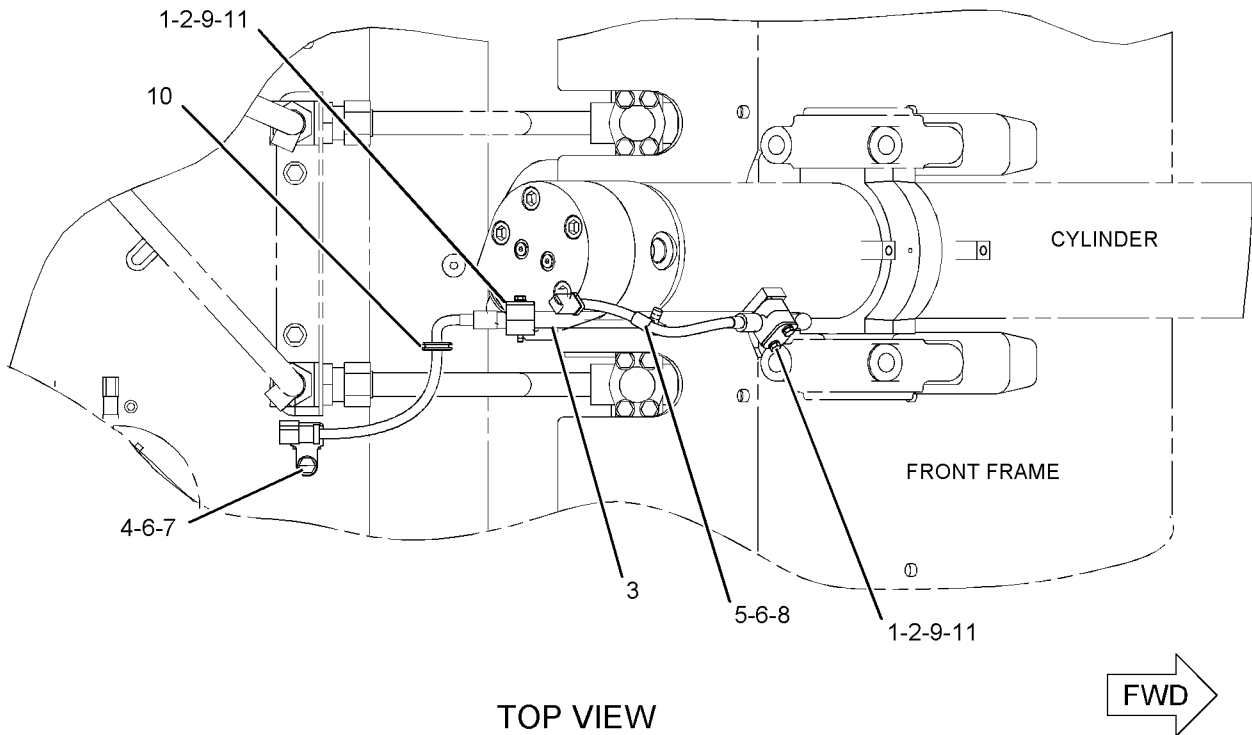
PART OF 226-9616, 285-7324 ELECTRICAL AR

SMCS-1408

i02758371

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4V-1939	4	CLAMP						
	2	1	107-4749	2	PLATE						
	3	1	263-3848	1	HARNESS AS						
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		1	155-2271	1	KIT-CONNECTING PLUG (4-PIN)						
					(INCLUDES PLUG AS AND WEDGE)						
	4	1	130-5300	1	CLIP						
	5	1	6V-3265	1	CLIP						
	6	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
M	7	1	8T-4133	1	NUT (M10X1.5-THD)						
M	8	1	8T-4137	2	BOLT (M10X1.5X20-MM)						
M	9	1	9X-2480	4	BOLT (M6X1X45-MM)						
	10	1	9X-7345	1	GROMMET						
	11	1	9X-8256	4	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



TOP VIEW



GRAPHIC #1

<END>

g01118741

ELECTRICAL AND STARTING SYSTEM

257-4183 WIRING GP-UNIT INJECTOR

S/N: ASX1-UP

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

SMCS-1290, 1408

i02231604

PART NAME

SEE
PAGE

NOTE

PART NUMBER

QTY

1 2 3 4 5 6 (PRODUCT LEVEL)

(NO SERVICED PARTS)

<END>

POWER TRAIN

238 - 8562 AXLE AR - FIXED - FRONT

S/N: ASX1-UP

PART OF 226-9591 POWER TRAIN AR

SMCS-3013, 3278

i02282948

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	173-0547	1	AXLE GP-FIXED (FRONT)						404
Y	208-5972	1	BRAKE GP-SERVICE (RH)						588
Y	208-5974	1	BRAKE GP-SERVICE (LH)						590
Y	240-4664	1	DIFFERENTIAL & BEVEL GEAR GP						420
Y	124-3758	1	LINES GP-SERVICE BRAKE						607
Y	232-7554	2	WHEEL & FINAL DRIVE GP						476

Y-SEPARATE ILLUSTRATION

<END>

229 - 8208 AXLE AR - OSCILLATING - REAR

S/N: ASX1-UP

PART OF 226-9591 POWER TRAIN AR

SMCS-3013, 3278

i02282952

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	232-7557	1	AXLE GP-OSCILLATING (REAR)						405
Y	208-5972	1	BRAKE GP-SERVICE (RH)						588
Y	208-5974	1	BRAKE GP-SERVICE (LH)						590
Y	240-4663	1	DIFFERENTIAL & BEVEL GEAR GP						417
Y	124-3758	1	LINES GP-SERVICE BRAKE						607
Y	232-7554	2	WHEEL & FINAL DRIVE GP						476

Y-SEPARATE ILLUSTRATION

<END>

POWER TRAIN

173-0547 AXLE GP-FIXED-FRONT

S/N: ASX1-UP

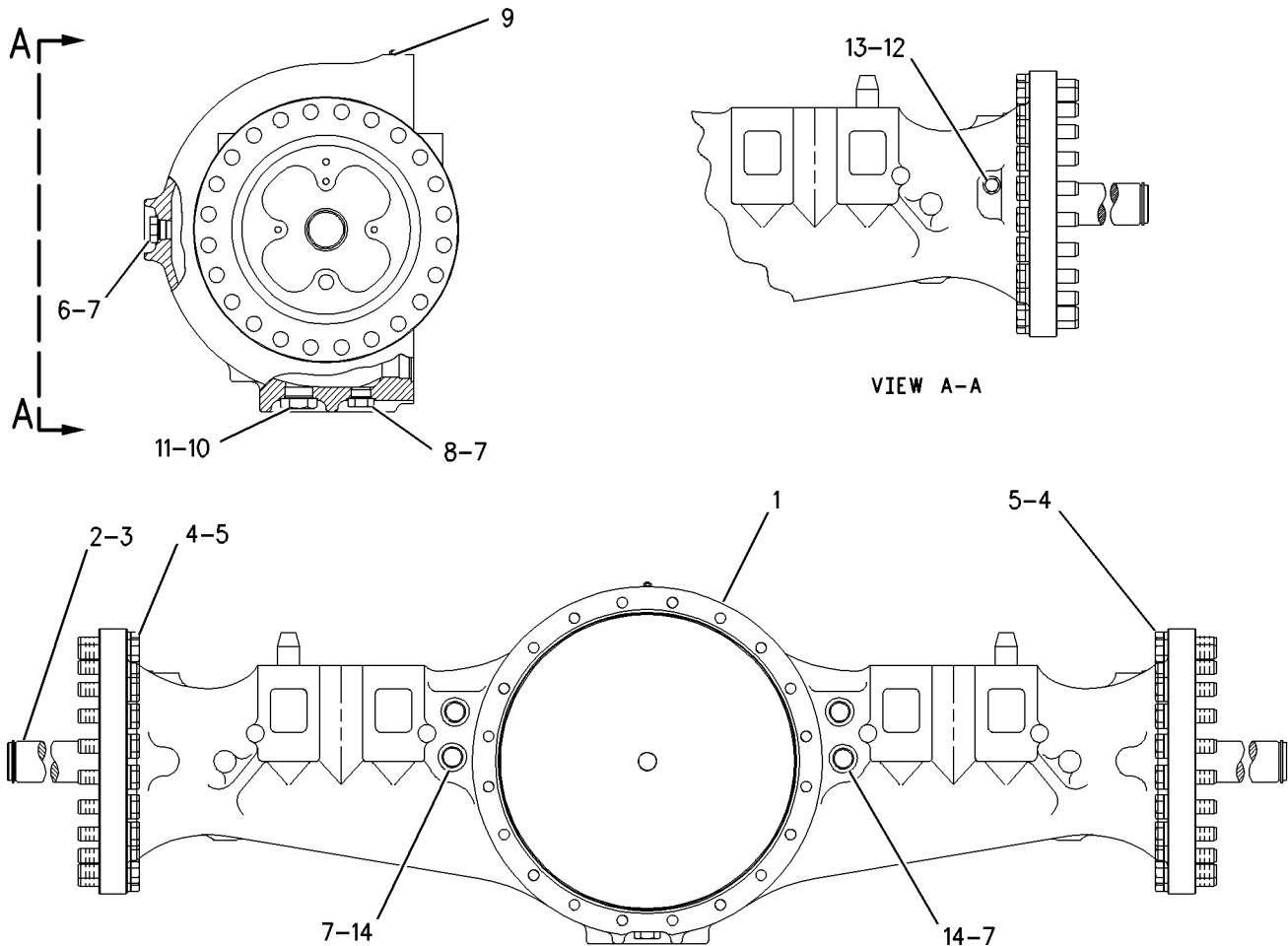
PART OF 238-8562 AXLE AR-FIXED

SMCS-3278

i01739630

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	171-6874	1	HOUSING AS-FIXED	
		1	6M-1622	2	DOWEL	
	2	1	105-8727	2	SHAFT-AXLE	
	3	1	6V-8128	2	RING-RETAINING	
M	4	1	8T-0666	48	BOLT (M24X3X90-MM)	
	5	1	5P-6604	48	WASHER-HARD (25.4X40X5-MM THK)	
	6	1	9S-4181	1	PLUG-O RING	
	7	1	7M-8485	4	SEAL-O-RING	
	8	1	5P-4484	1	PLUG-MAGNETIC	
	9	1	149-8220	1	FITTING-PRESSURE RELIEF	
	10	1	5P-7684	1	PLUG	
	11	1	6K-6307	1	SEAL-O-RING	
	12	1	9S-4190	2	PLUG-O RING	
	13	1	2M-9780	2	SEAL-O-RING	
	14	1	5P-4483	2	PLUG	

M-METRIC PART



GRAPHIC #1

<END>

g00890894

POWER TRAIN

232 - 7557 AXLE GP - OSCILLATING-REAR

S/N: ASX1-UP

PART OF 229-8208 AXLE AR-OSCILLATING

SMCS-3278

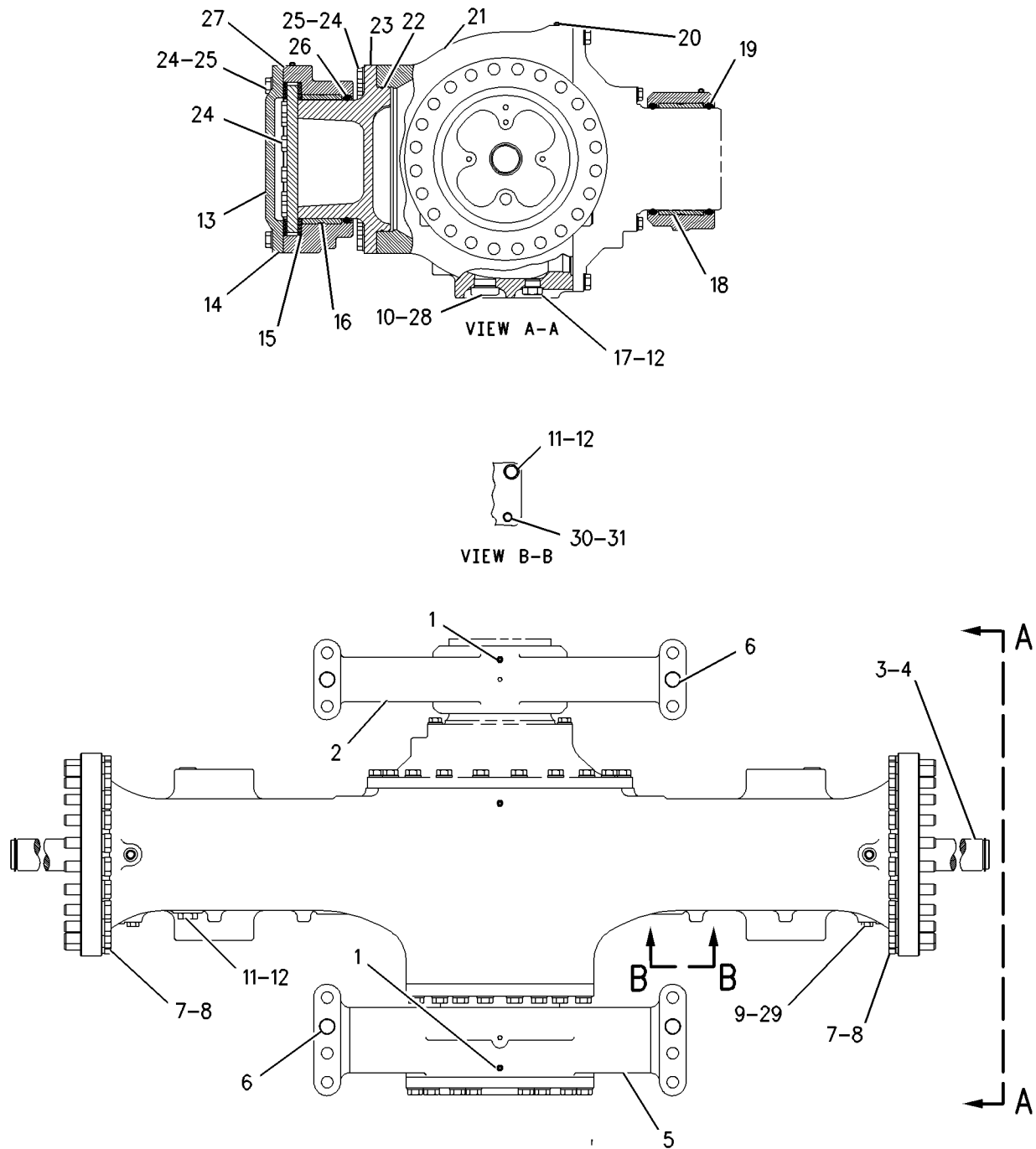
i02279631

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1K-6853	2	FITTING						
	2	1	105-8704	1	SUPPORT-TRUNNION						
	3	1	105-8727	2	SHAFT-AXLE						
	4	1	6V-8128	2	RING-RETAINING						
	5	1	105-8703	1	SUPPORT-TRUNNION						
	6	1	104-7006	4	DOWEL-HOLLOW (35X45-MM)						
M	7	1	8T-0666	48	BOLT (M24X3X90-MM)						
	8	1	5P-6604	48	WASHER-HARD (25.4X40X5-MM THK)						
	9	1	9S-4190	2	PLUG-O RING						
	10	1	6K-6307	1	SEAL-O-RING						
	11	1	9S-4181	3	PLUG-O RING						
	12	1	7M-8485	4	SEAL-O-RING						
	13	1	105-8705	1	COVER						
	14	1	109-3202	1	PLATE-THRUST						
	15	1	105-8753	2	BEARING-THRUST						
	16	1	105-8754	1	BEARING-SLEEVE						
	17	1	5P-4484	1	PLUG-MAGNETIC						
	18	1	105-8739	1	BEARING-SLEEVE						
	19	1	1M-9011	2	RING-TORIC						
	20	1	149-8220	1	FITTING-PRESSURE RELIEF						
	21	1	171-1279	1	HOUSING						
	22	1	2D-6533	1	SEAL-O-RING						
	23	1	105-8702	1	TRUNNION						
M	24	1	6V-3532	36	BOLT (M20X2.5X60-MM)						
	25	1	5P-8248	26	WASHER-HARD (20X36.5X3.5-MM THK)						
	26	1	4M-0660	1	RING-SEALING						
B	27	1	6V-6640		SEALANT						
	28	1	5P-7684	1	PLUG						
	29	1	2M-9780	2	SEAL-O-RING						
	30	1	9S-4185	1	PLUG-O RING						
	31	1	3K-0360	1	SEAL-O-RING						
B-USE AS REQUIRED											
M-METRIC PART											

POWER TRAIN

232 - 7557 AXLE GP - OSCILLATING (contd.)

i02279631



GRAPHIC #1

<END>

g00789572

POWER TRAIN

173-0545 CARRIER GP-DIFFERENTIAL

S/N: ASX1-UP

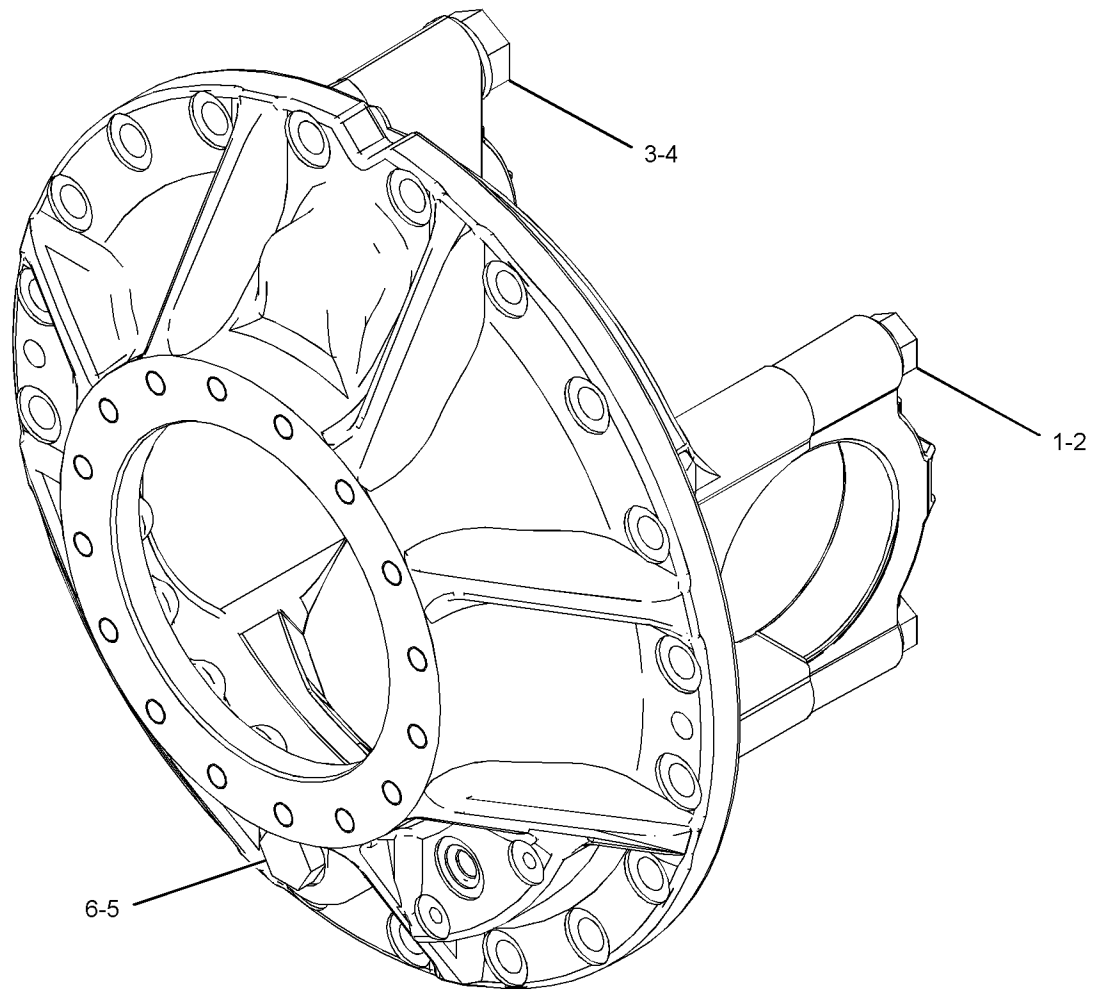
PART OF 188-7184, 240-4663, 240-4664 DIFFERENTIAL & BEVEL GEAR GP

SMCS-3284

i02608886

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	6V-8132	2	BOLT (M24X3X120-MM)						
	2	1	6V-8237	2	WASHER (26X44X4-MM THK)						
M	3	1	8T-0370	2	BOLT (M30X3.5X140-MM)						
	4	1	9X-8399	2	WASHER (33X56X6-MM THK)						
	5	1	9S-4181	1	PLUG-O-RING						
	6	1	7M-8485	1	SEAL-O-RING						

M-METRIC PART



GRAPHIC #1

<END>

g01323062

POWER TRAIN

230-6317 CASE & PARTS GP-PLANETARY

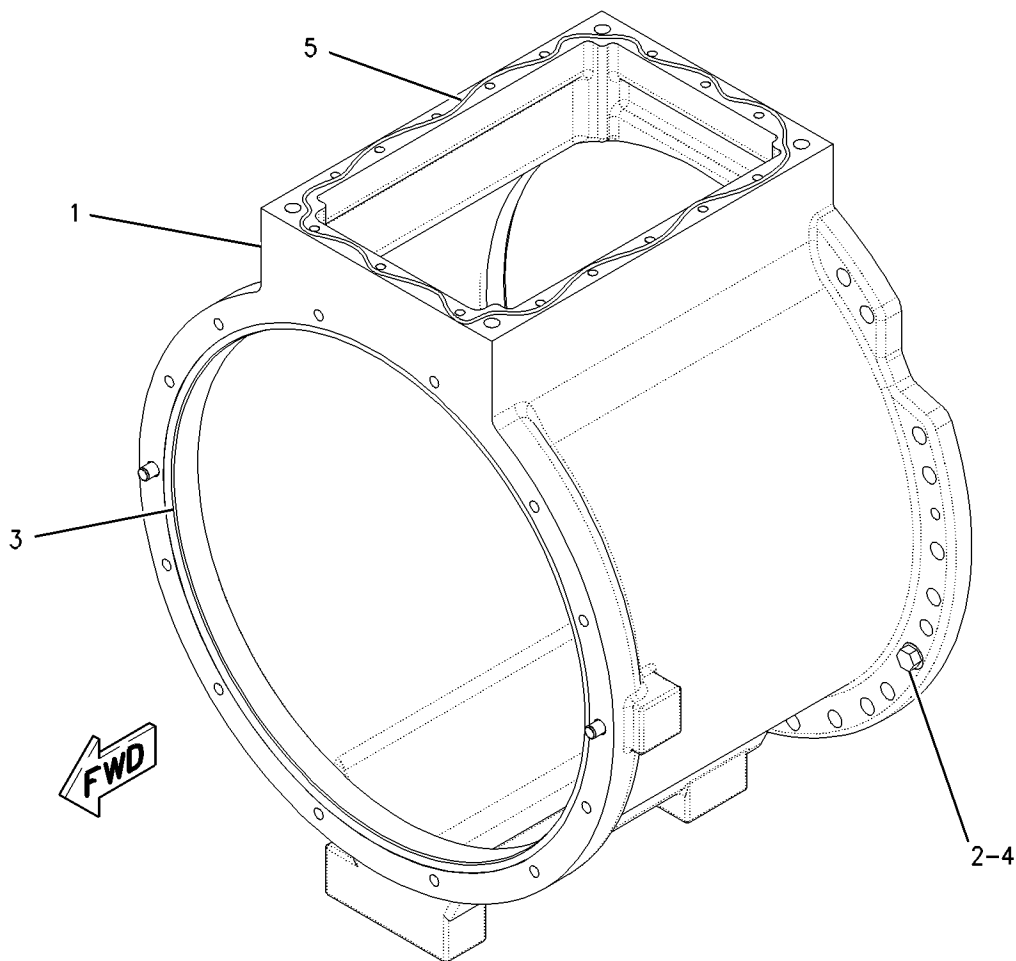
S/N: DRP1-UP

PART OF 229-8328 TRANSMISSION AR

SMCS-3064

i01919798

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	231-5295	1	CASE AS-TRANSMISSION						
		1	1A-2223	2	DOWEL						
	2	1	0S-1587	2	BOLT (1/2-13X1.75-IN)						
	3	1	5P-2587	1	SEAL-O-RING						
	4	1	5P-8245	2	WASHER-HARD (13.5X25.5X3-MM THK)						
B	5	1	1U-8846		SEALANT-GASKET						
B-USE AS REQUIRED											



GRAPHIC #1

<END>

g01003868

POWER TRAIN

229 - 8336 CONTROL GP - TRANSMISSION HYD

S/N: DRP1-UP

PART OF 229-8328 TRANSMISSION AR

SMCS-3073, 3167

i02763831

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)						SEE PAGE
	1	2	6V-0852	6	CAP-DUST						
	2	2	8S-0768	6	SEAL-O-RING						
	3	2	9G-5127	1	BREATHER AS (TRANSMISSION)						
	4	1	9U-2277	3	CLIP AS						
	5	2	9X-6772	1	STRAP-CABLE						
Y	6	2	118-7226	1	SENSOR GP-TEMPERATURE (TRANSMISSION OIL)						276
	7	1	125-2706	1	PLATE AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	8	1	200-8824	1	BRACKET AS						
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)						
Y	9	2	244-3114	6	VALVE GP-MODULATING (24-VOLT) (TRANSMISSION CLUTCH)						472
	10	1,2	242-8024	3	BRACKET AS (EACH INCLUDES)						
M		1,2	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	11	2	231-0860	1	ELBOW						
	12	2	231-4779	1	COVER						
	13	2	231-4780	6	SLEEVE						
	14	1	231-8900	1	TUBE AS						
	15	1	231-9412	1	HARNESS AS-TRANSMISSION (CONTROL)						
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)						
		1	102-8801	1	KIT-RECEPTACLE (12-PIN) (EACH KIT INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)						
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN) (EACH KIT INCLUDES PLUG AS & WEDGE)						
	16	2	232-1293	1	GASKET						
Y	17	2	233-1759	1	VALVE GP-RELIEF (TRANSMISSION HYDRAULIC CONTROL)						474
	18	1,2	164-6877	2	ELBOW AS (EACH INCLUDES)						
		1	3J-1907	1	SEAL-O-RING						
		1	030-7947	1	ELBOW						
	19	1	033-8248	2	CLIP						
	20	1	130-5300	1	CLIP						
	21	2	174-5907	1	CLIP						
	22	2	3J-1907	1	SEAL-O-RING						
	23	2	4J-5573	1	SEAL-O-RING						
	24	1	4S-1936	1	CLIP						
	25	2	5P-8245	4	WASHER-HARD (13.5X25.5X3-MM THK)						
	26	1,2	5P-9085	3	CLIP						
	27	1	5P-9299	1	CLIP						
M	28	1,2	6V-3303	4	BOLT (M16X2X60-MM)						
M	29	2	6V-3823	4	BOLT (M12X1.75X60-MM)						
	30	2	6V-5839	13	WASHER (11X21X2.5-MM THK)						
M	31	1,2	6V-5842	16	BOLT (M10X1.5X40-MM)						
	32	1	7B-1597	1	CLIP						
	33	1	8M-2770	1	CLIP						
	34	2	5P-6718	12	SEAL-O-RING						
	35	1,2	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)						
M	36	1,2	8T-4137	6	BOLT (M10X1.5X20-MM)						
M	37	1,2	8T-6869	12	BOLT (M8X1.25X60-MM)						
	38	1,2	9M-1974	9	WASHER-HARD (8.8X16X2-MM THK)						
	39	1	9X-8268	4	WASHER (17.5X30X3.5-MM THK)						

POWER TRAIN

229-8336 CONTROL GP-TRANSMISSION HYD (contd.)

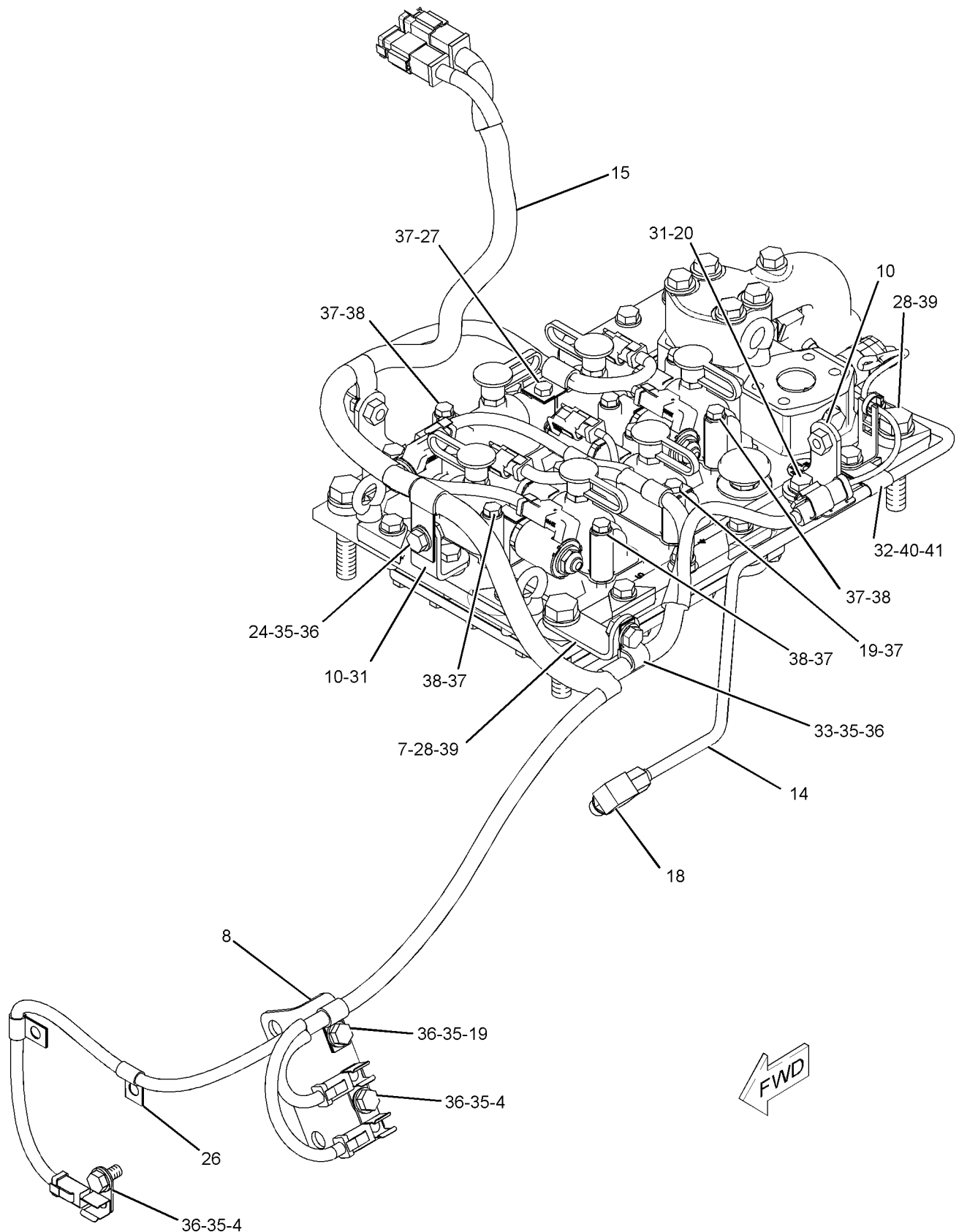
i02763831

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	40	1	132 - 5789	1	CLIP						
	41	1	3S - 2093	1	STRAP - CABLE						
M - METRIC PART Y - SEPARATE ILLUSTRATION											

POWER TRAIN

229-8336 CONTROL GP-TRANSMISSION HYD (contd.)

i02763831



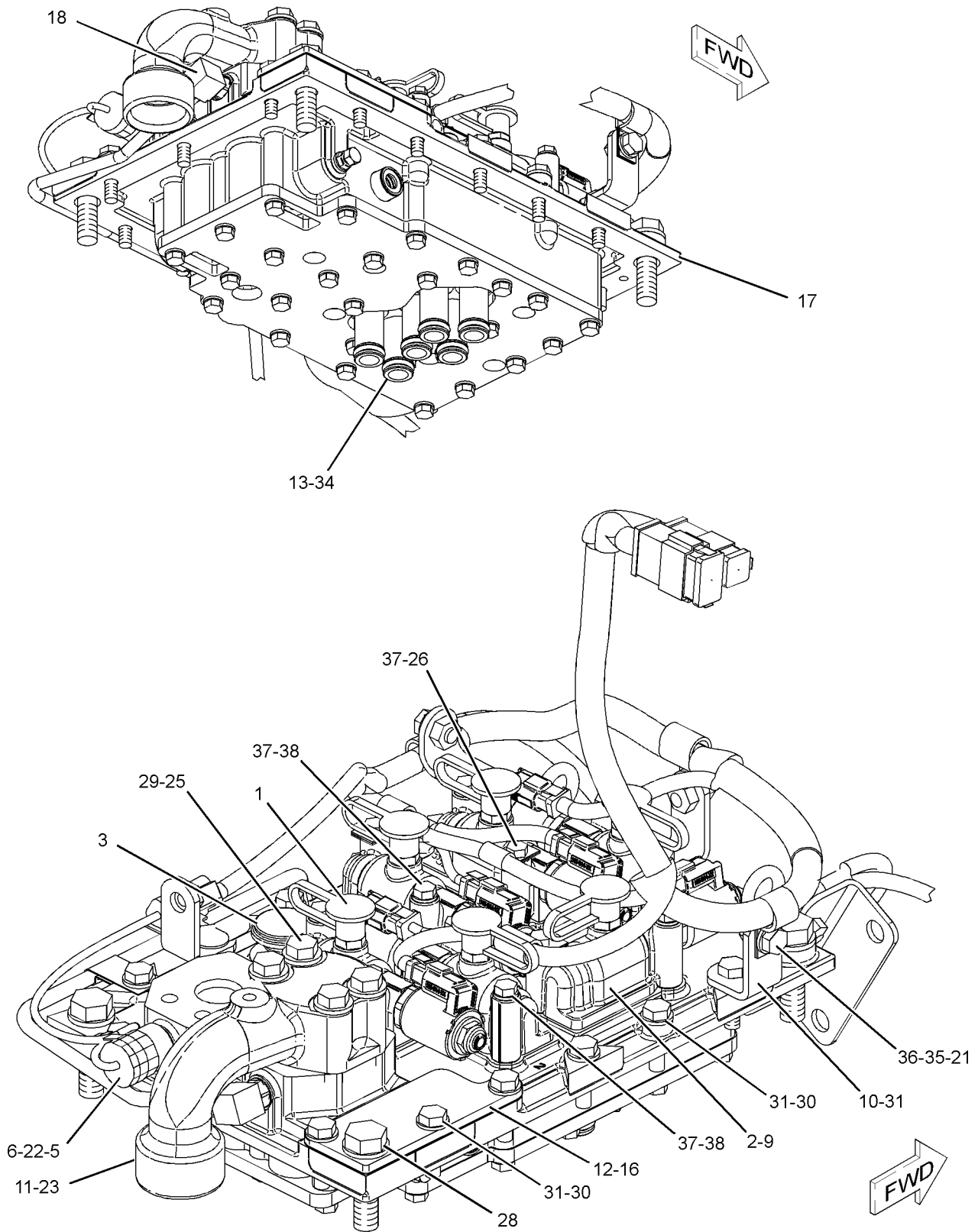
GRAPHIC #1

g01241642

POWER TRAIN

229-8336 CONTROL GP-TRANSMISSION HYD (contd.)

i02763831



GRAPHIC #2

<END>

g01241644

POWER TRAIN

7K-5636 COVER GP - TMSN OIL FILLER CAP

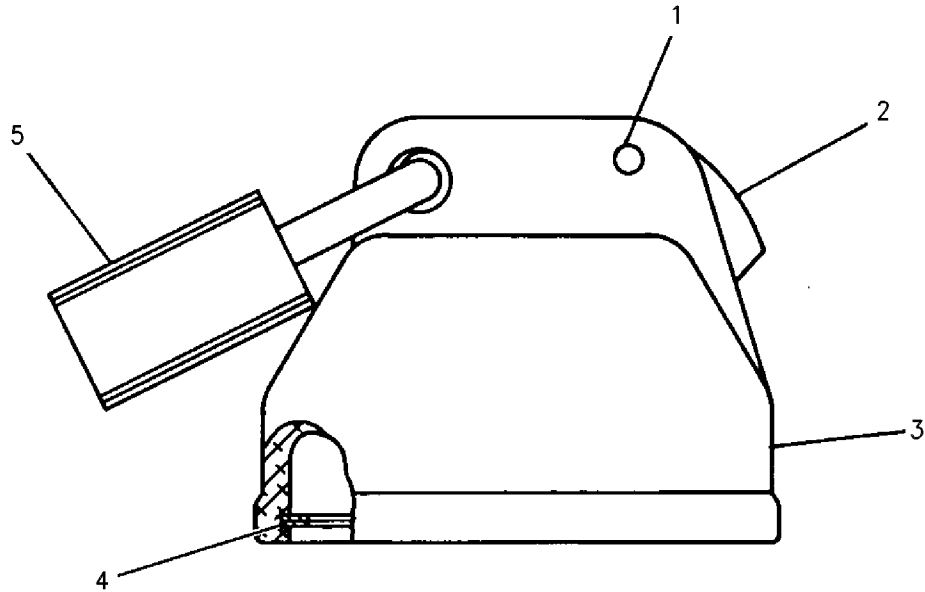
S/N: ASX1-UP

PART OF 178-0345 PROTECTION GP-VANDALISM

SMCS-3005, 3030, 7315

i02515487

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1L-5072	1	DOWEL						
	2	1	9M-7394	1	LEVER						
	3	1	7K-5634	1	COVER						
	4	1	2J-7761	1	RING-RETAINING						
	5	1	246-2641	1	PADLOCK GP						
		1	5P-8500	1	KEY						



GRAPHIC #1

<END>

g00523924

POWER TRAIN

188-7184 DIFFERENTIAL & BEVEL GEAR GP

S/N: ASX1-UP

FIELD REPLACEMENT FOR 240-4664—PAGE 420

SMCS-3254, 3256, 3258

i02590905

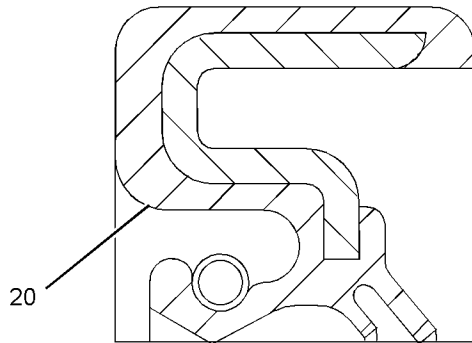
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1,2	6V-8455	2	BOLT (M10X1.5X16-MM)	
	2	1,2	5K-3661	2	LOCK-BEARING	
	3	1,2	108-8369	1	RING-ADJUSTABLE	
	4	1,2	8S-9076	1	CUP-BEARING	
	5	1,2	8S-9075	1	CONE-BEARING	
	6	1,2	9H-0846	1	SEAL-O-RING	
Y	7	1,2	173-0545	1	CARRIER GP-DIFFERENTIAL	407
M	8	1,2	160-8510	20	BOLT (M20X2.5X60-MM)	
B	9	1,2	108-0058	1	SHIM PACK (INCLUDES 14-SHIMS)	
M	10	1,2	6V-5686	16	BOLT (M16X2X50-MM)	
	11	1,2	5P-8247	16	WASHER-HARD (17X32X3.5-MM THK)	
	12	1,2	105-8719	1	HOUSING-PINION	
	13	1,2	6K-5529	1	CONE-BEARING	
	14	1,2	9F-1399	1	SEAL-O-RING	
M	15	1,2	8T-4136	6	BOLT (M10X1.5X25-MM)	
	16	1,2	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)	
	17	1,2	6W-4750	1	NUT-STAKE (LOCK)	
	18	1,2	6W-4749	1	WASHER (75.5X106X5-MM THK)	
	19	1,2	111-7967	1	GEAR-BEVEL	
	19A	1,2	111-7966	1	SHAFT-BEVEL PINION	
	20	1,2	133-4292	1	SEAL-LIP TYPE	
	21	1,2	8R-7425	1	RETAINER	
	22	1,2	6K-5528	1	CUP-BEARING	
	23	1,2	8E-7926	1	CONE-BEARING	
	24	1,2	8E-7927	1	CUP-BEARING	
	25	1,2	8F-5900	1	SEAL-O-RING	
	26	1,2	6B-4370	1	CUP-BEARING	
	27	1,2	1L-7518	1	CONE-BEARING	
	28	1,2	282-0945	24	BOLT (M20X2.5X45-MM)	
	29	1,2	5P-8248	44	WASHER-HARD (20X36.5X3.5-MM THK)	
Y	30	1,2	149-2911	1	DIFFERENTIAL GP	423
	31	1,2	8R-2861	1	RING-ADJUSTMENT	
	32	1,2	156-3640	1	YOKE AS	
	32A	1,2	107-5612	1	GUARD	
	32B	1,2	156-4308	1	KIT-SERVICE	
					(INCLUDES PLUG, SEAL & RETAINING RING)	
	33	1,2	9S-4185	1	PLUG-O-RING	
	34	1,2	3K-0360	1	SEAL-O-RING	

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

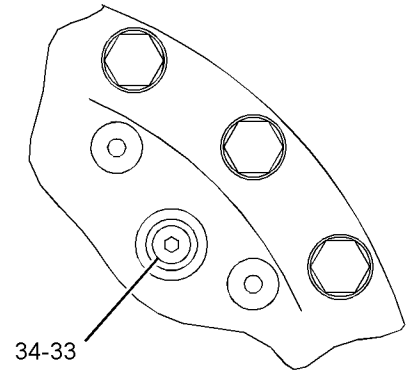
POWER TRAIN

188-7184 DIFFERENTIAL & BEVEL GEAR GP (contd.)

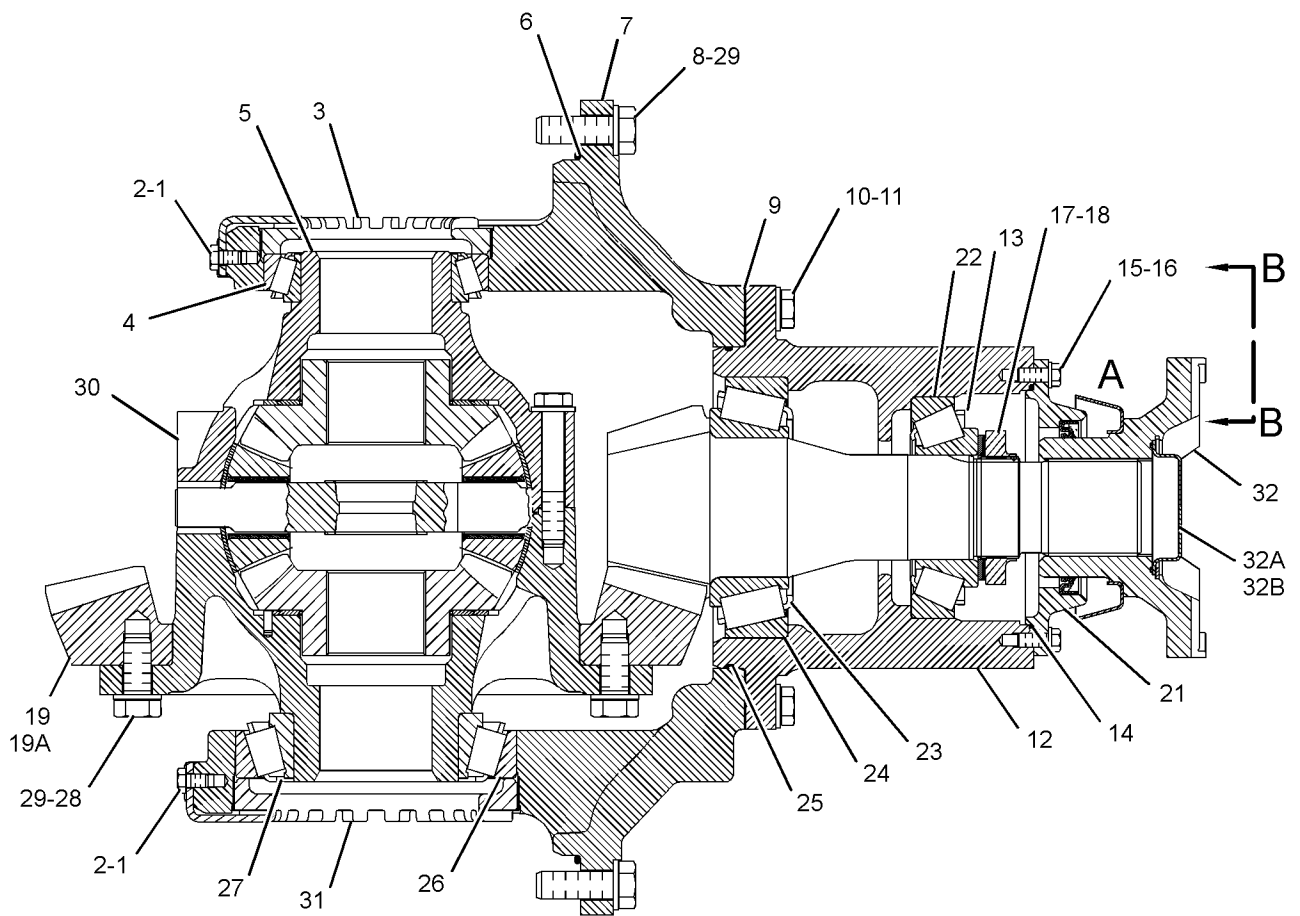
i02590905



VIEW OF AREA A



VIEW B-B



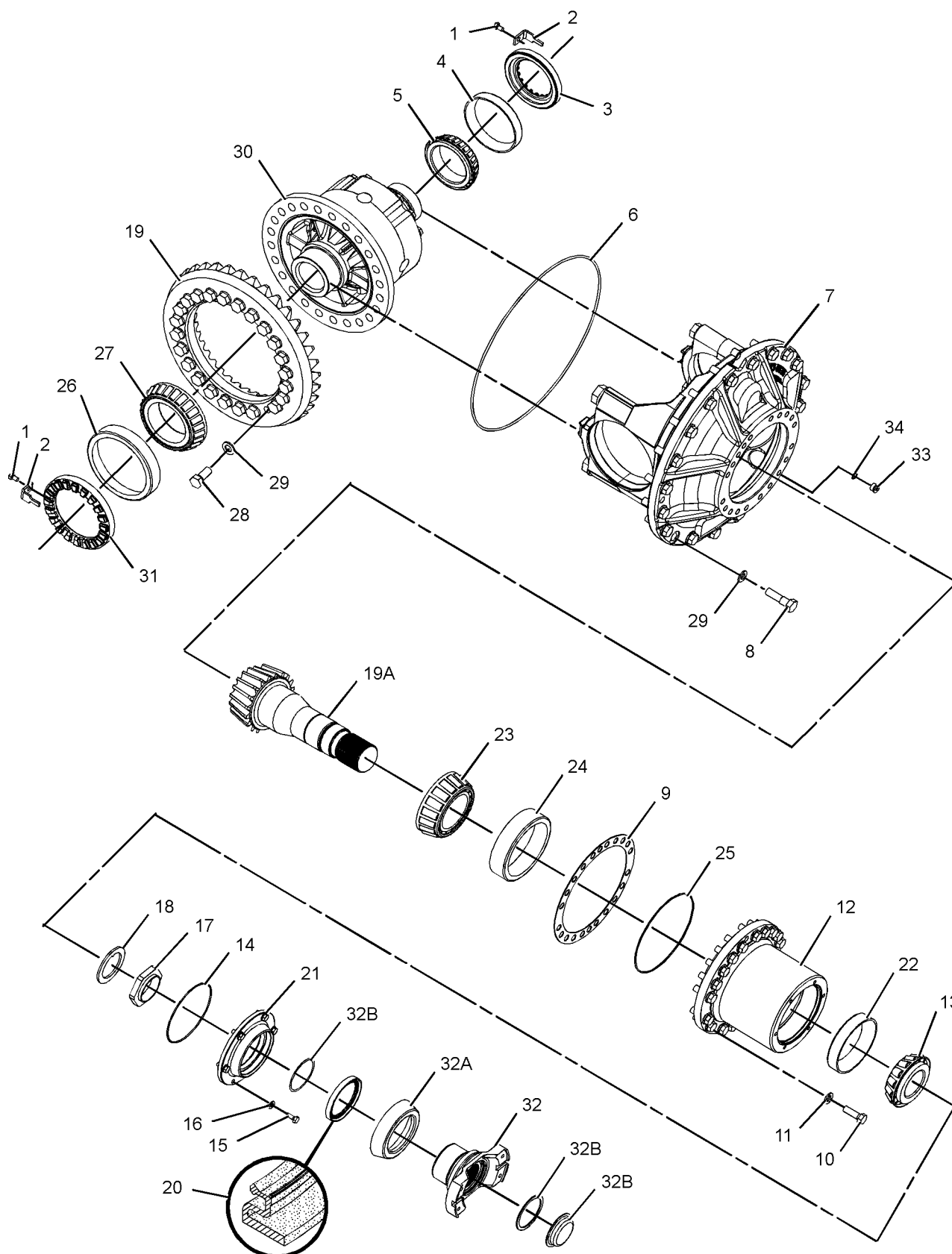
GRAPHIC #1

g01302604

POWER TRAIN

188-7184 DIFFERENTIAL & BEVEL GEAR GP (contd.)

i02590905



GRAPHIC #2

<END>

g01302605

POWER TRAIN

240-4663 DIFFERENTIAL & BEVEL GEAR GP

S/N: ASX1-UP

PART OF 229-8208 AXLE AR-OSCILLATING

SMCS-3254, 3256, 3258

i02590903

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1,2	6V-8455	2	BOLT (M10X1.5X16-MM)						407
	2	1,2	5K-3661	2	LOCK-BEARING						
	3	1,2	108-8369	1	RING-ADJUSTABLE						
	4	1,2	8S-9076	1	CUP-BEARING						
	5	1,2	8S-9075	1	CONE-BEARING						
	6	1,2	9H-0846	1	SEAL-O-RING						
Y	7	1,2	173-0545	1	CARRIER GP-DIFFERENTIAL						407
M	8	1,2	160-8510	20	BOLT (M20X2.5X60-MM)						
B	9	1,2	108-0058	1	SHIM PACK (INCLUDES 14-SHIMS)						
M	10	1,2	6V-5686	16	BOLT (M16X2X50-MM)						
	11	1,2	5P-8247	16	WASHER-HARD (17X32X3.5-MM THK)						
	12	1,2	105-8719	1	HOUSING-PINION						
	13	1,2	6K-5529	1	CONE-BEARING						
	14	1,2	9F-1399	1	SEAL-O-RING						
M	15	1,2	8T-4136	6	BOLT (M10X1.5X25-MM)						
	16	1,2	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)						
	17	1,2	6W-4750	1	NUT-STAKE (LOCK)						
	18	1,2	6W-4749	1	WASHER (75.5X106X5-MM THK)						
	19	1,2	111-7967	1	GEAR-BEVEL						
	19A	1,2	111-7966	1	SHAFT-BEVEL PINION						
	20	1,2	133-4292	1	SEAL-LIP TYPE						
	21	1,2	8R-7425	1	RETAINER						
	22	1,2	6K-5528	1	CUP-BEARING						
	23	1,2	8E-7926	1	CONE-BEARING						
	24	1,2	8E-7927	1	CUP-BEARING						
	25	1,2	8F-5900	1	SEAL-O-RING						
	26	1,2	6B-4370	1	CUP-BEARING						
	27	1,2	1L-7518	1	CONE-BEARING						
	28	1,2	282-0945	24	BOLT (M20X2.5X45-MM)						
	29	1,2	5P-8248	44	WASHER-HARD (20X36.5X3.5-MM THK)						
Y	30	1,2	232-7553	1	DIFFERENTIAL GP (STANDARD)						424
	31	1,2	8R-2861	1	RING-ADJUSTMENT						
	32	1,2	156-3640	1	YOKE AS						
	32A	1,2	107-5612	1	GUARD						
	32B	1,2	156-4308	1	KIT-SERVICE						
					(INCLUDES PLUG, SEAL & RETAINING RING)						
	33	1,2	9S-4185	1	PLUG-O-RING						
	34	1,2	3K-0360	1	SEAL-O-RING						

B-USE AS REQUIRED

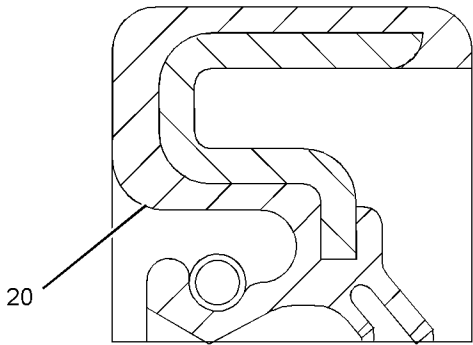
M-METRIC PART

Y-SEPARATE ILLUSTRATION

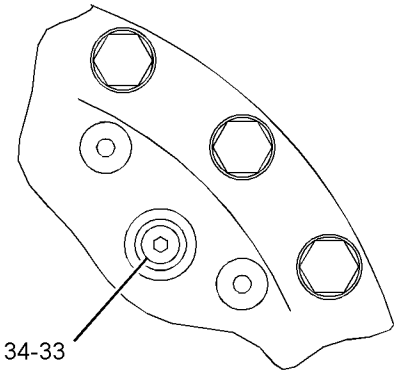
POWER TRAIN

240-4663 DIFFERENTIAL & BEVEL GEAR GP (contd.)

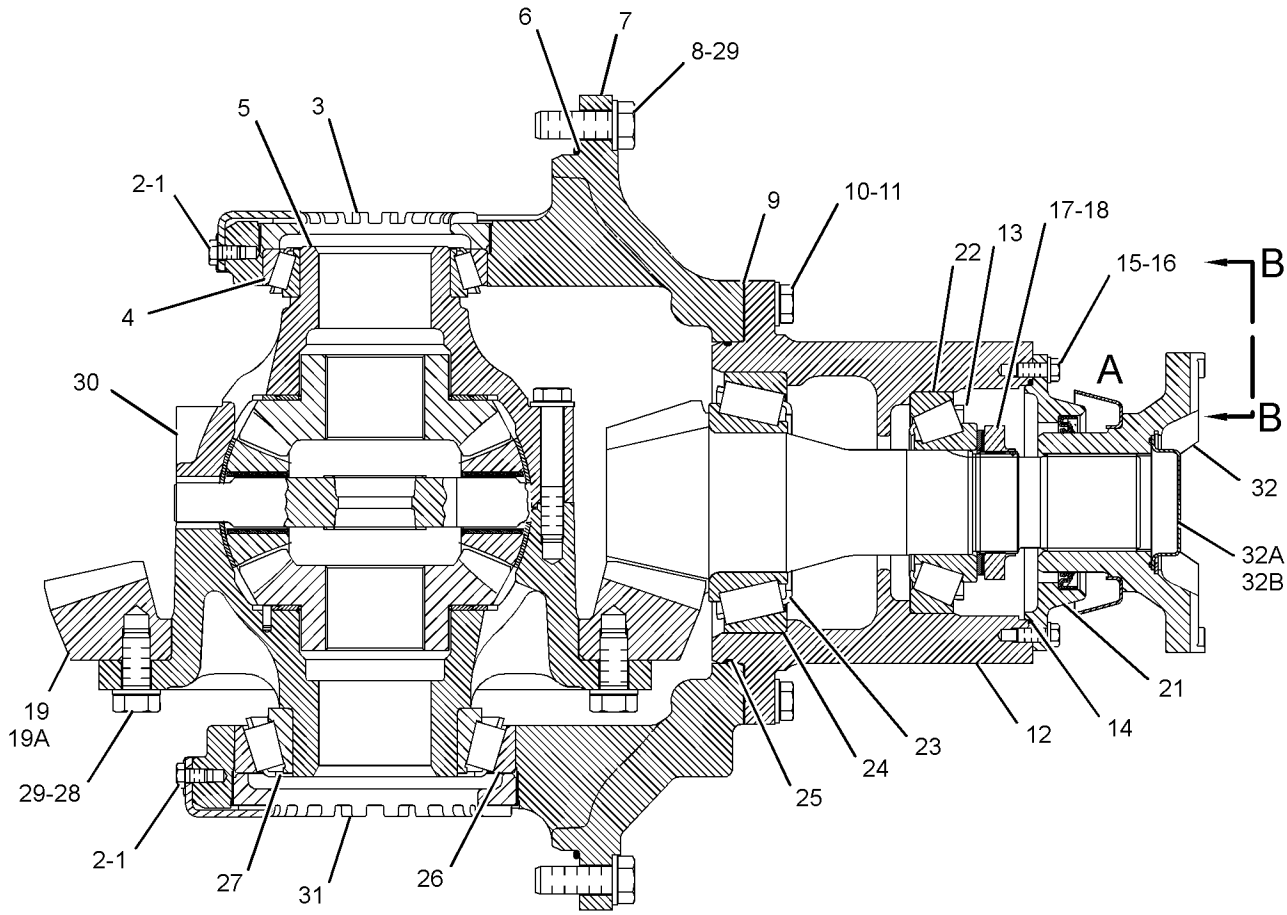
i02590903



VIEW OF AREA A



VIEW B-B



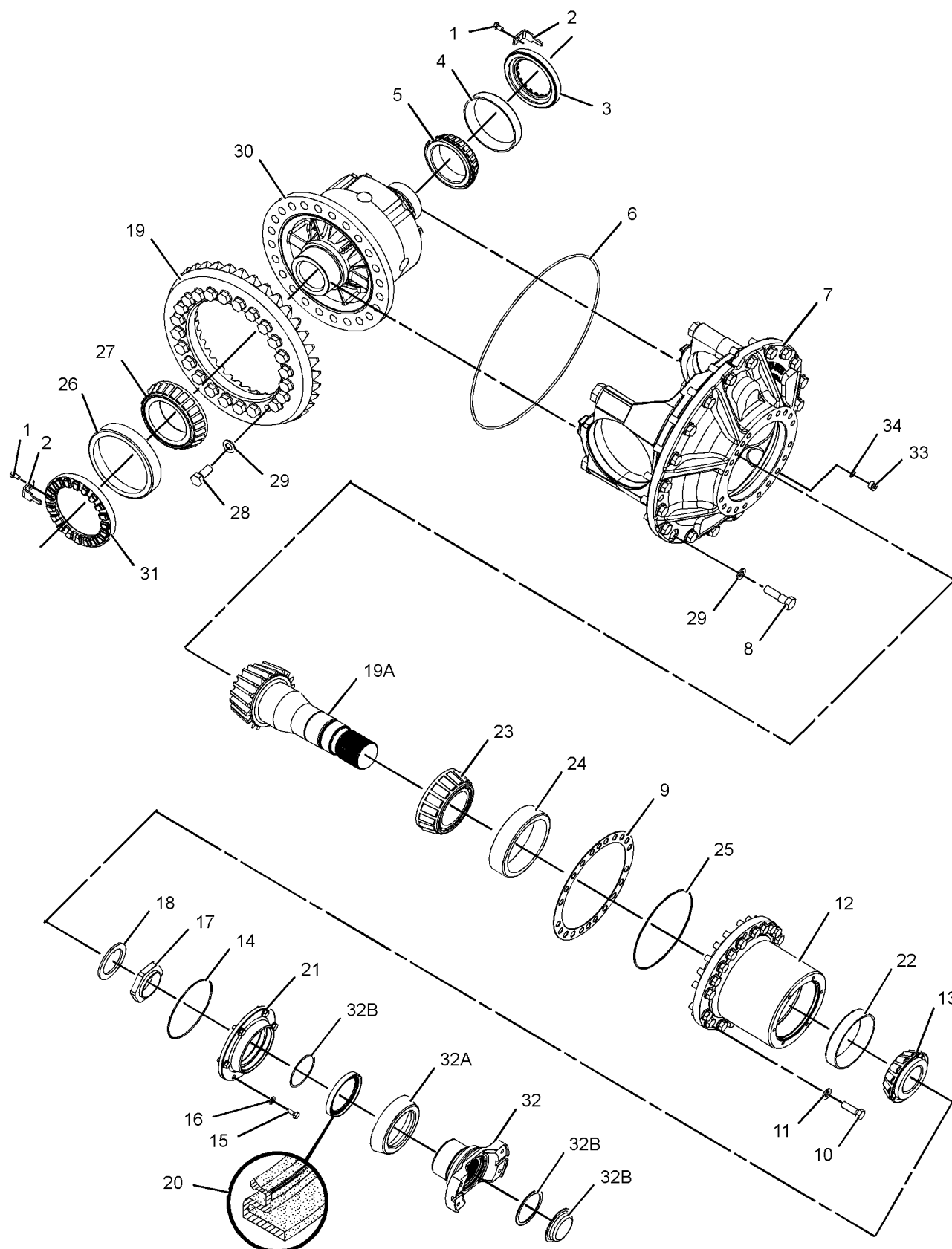
GRAPHIC #1

g01302604

POWER TRAIN

240-4663 DIFFERENTIAL & BEVEL GEAR GP (contd.)

i02590903



GRAPHIC #2

<END>

g01302605

POWER TRAIN

240-4664 DIFFERENTIAL & BEVEL GEAR GP

S/N: ASX1-UP

PART OF 238-8562 AXLE AR-FIXED

FIELD REPLACEMENT ORDER 188-7184-PAGE 414

SMCS-3254, 3256, 3258

i02590904

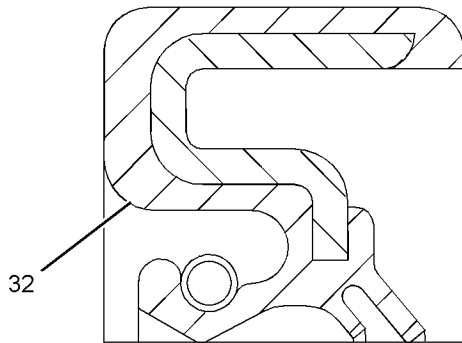
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1,2	6V-8455	2	BOLT (M10X1.5X16-MM)	
	2	1,2	5K-3661	2	LOCK-BEARING	
	3	1,2	108-8369	1	RING-ADJUSTABLE	
	4	1,2	8S-9076	1	CUP-BEARING	
	5	1,2	8S-9075	1	CONE-BEARING	
	6	1,2	9H-0846	1	SEAL-O-RING	
Y	7	1,2	173-0545	1	CARRIER GP-DIFFERENTIAL	407
M	8	1,2	160-8510	20	BOLT (M20X2.5X60-MM)	
B	9	1,2	108-0058	1	SHIM PACK (INCLUDES 14-SHIMS)	
M	10	1,2	6V-5686	16	BOLT (M16X2X50-MM)	
	11	1,2	5P-8247	16	WASHER-HARD (17X32X3.5-MM THK)	
	12	1,2	105-8719	1	HOUSING-PINION	
	13	1,2	6K-5529	1	CONE-BEARING	
	14	1,2	9F-1399	1	SEAL-O-RING	
M	15	1,2	8T-4136	6	BOLT (M10X1.5X25-MM)	
	16	1,2	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)	
	17	1,2	6W-4750	1	NUT-STAKE (LOCK)	
	18	1,2	6W-4749	1	WASHER (75.5X106X5-MM THK)	
	19	1,2	111-7967	1	GEAR-BEVEL	
	19A	1,2	111-7966	1	SHAFT-BEVEL PINION	
	20	1,2	8R-7425	1	RETAINER	
	21	1,2	6K-5528	1	CUP-BEARING	
	22	1,2	8E-7926	1	CONE-BEARING	
	23	1,2	8E-7927	1	CUP-BEARING	
	24	1,2	8F-5900	1	SEAL-O-RING	
	25	1,2	6B-4370	1	CUP-BEARING	
	26	1,2	1L-7518	1	CONE-BEARING	
	27	1,2	282-0945	24	BOLT (M20X2.5X45-MM)	
	28	1,2	5P-8248	44	WASHER-HARD (20X36.5X3.5-MM THK)	
Y	29	1,2	232-7553	1	DIFFERENTIAL GP (STANDARD)	424
	30	1,2	8R-2861	1	RING-ADJUSTMENT	
	31	1,2	156-3640	1	YOKE AS	
	31A	1,2	107-5612	1	GUARD	
	31B	1,2	156-4308	1	KIT-SERVICE	
					(INCLUDES PLUG, SEAL, AND RETAINING RING)	
	32	1,2	133-4292	1	SEAL-LIP TYPE	
	33	1,2	9S-4185	1	PLUG-O-RING	
	34	1,2	3K-0360	1	SEAL-O-RING	

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

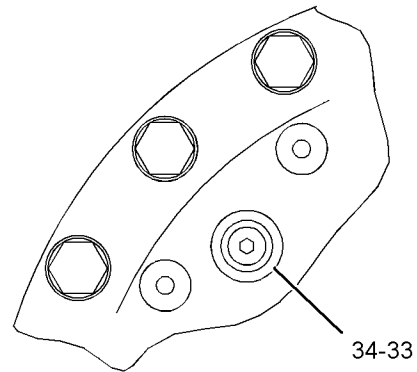
POWER TRAIN

240-4664 DIFFERENTIAL & BEVEL GEAR GP (contd.)

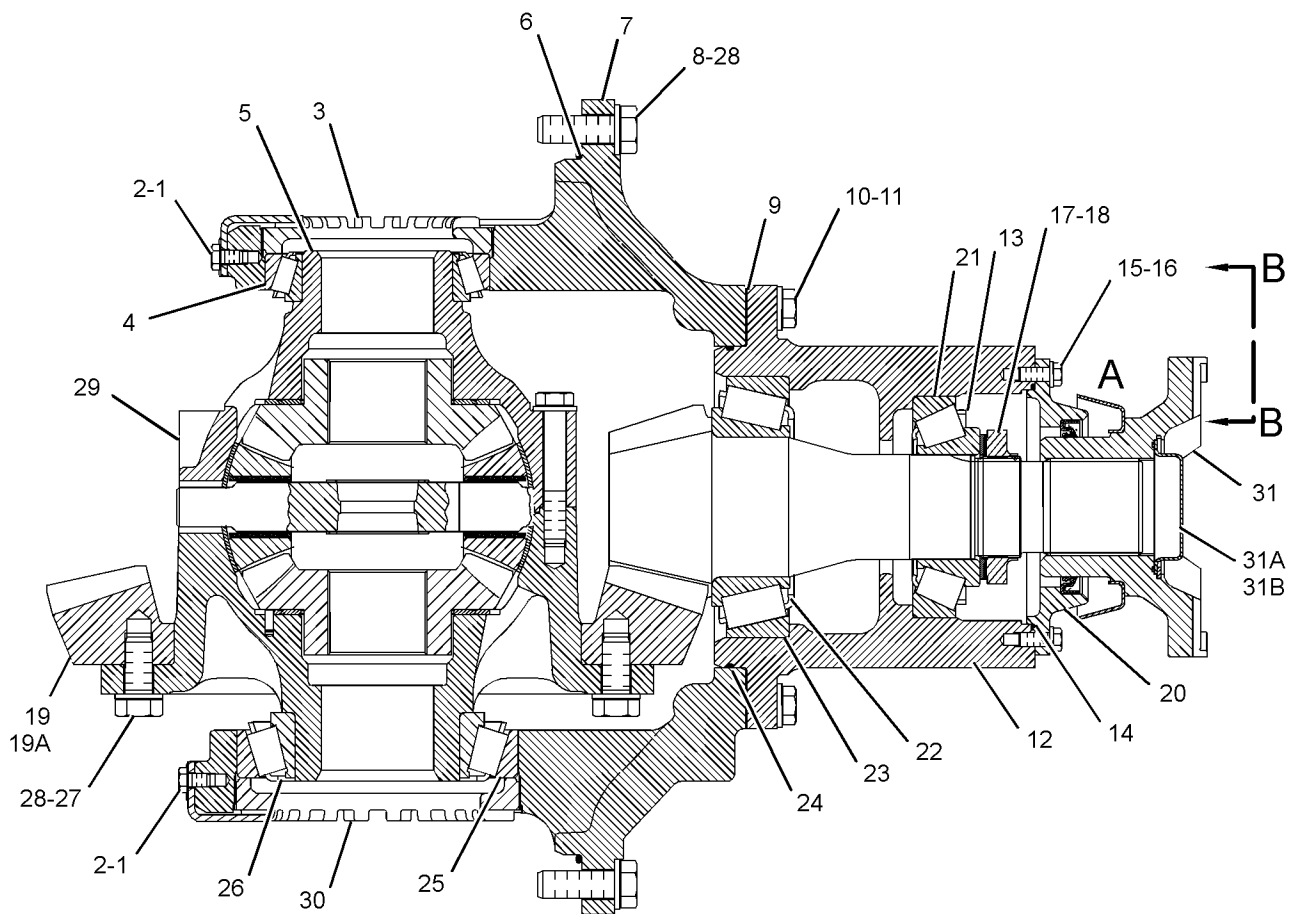
i02590904



VIEW OF AREA A



VIEW B-B



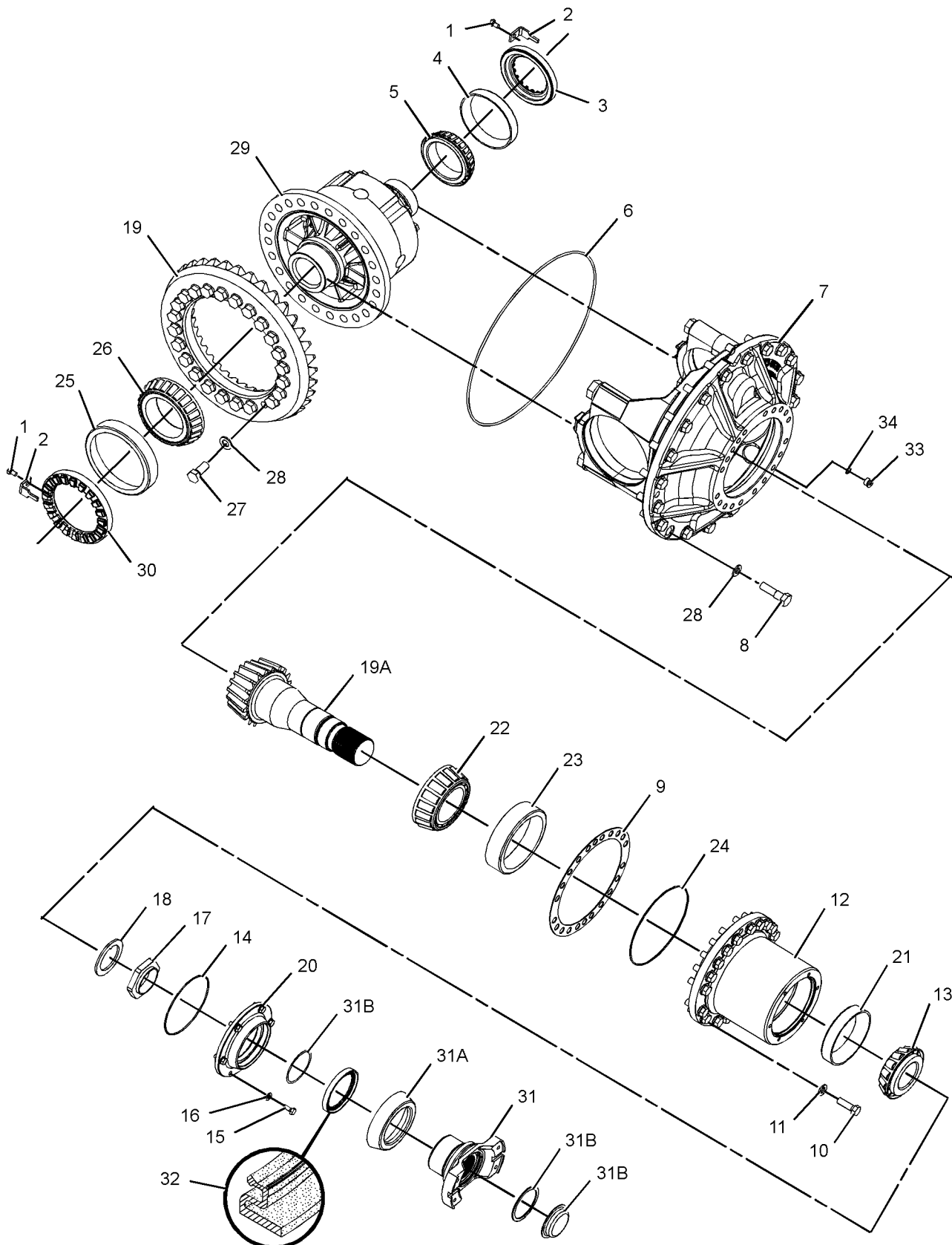
GRAPHIC #1

g01302526

POWER TRAIN

240 - 4664 DIFFERENTIAL & BEVEL GEAR GP (contd.)

i02590904



GRAPHIC #2

<END>

g01302527

POWER TRAIN

149-2911 DIFFERENTIAL GP

S/N: ASX1-UP

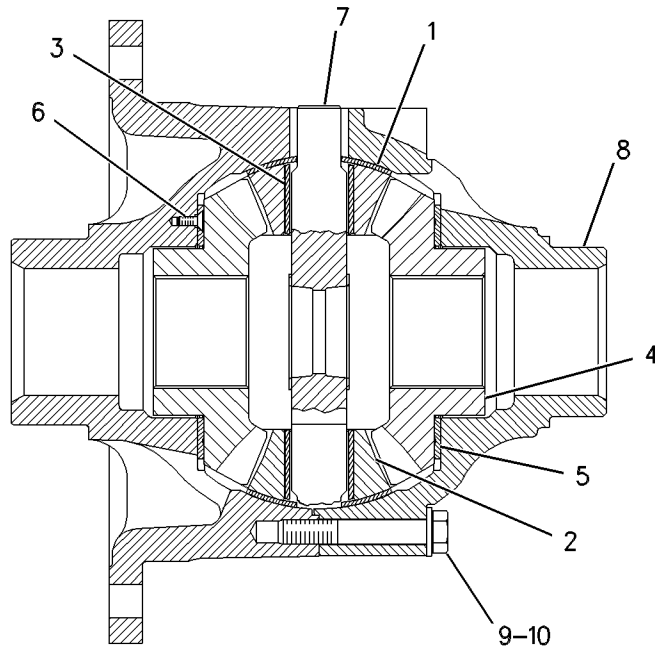
PART OF 188-7184 DIFFERENTIAL & BEVEL GEAR GP

SMCS-3258

i02141208

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	149-2913	4	WASHER						
	2	1	149-2914	4	PINION-DIF BEVEL						
	3	1	149-2915	4	BEARING-SLEEVE						
	4	1	105-8735	2	GEAR-DIFFERENTIAL BEVEL (20-TEETH)						
	5	1	208-7535	2	WASHER-THRUST						
M	6	1	127-1960	8	SCREW-FLAT HEAD (M6X1X16-MM)						
	7	1	149-2912	1	SPIDER						
	8	1	208-7534	1	CASE AS						
	9	1	5P-8247	12	WASHER-HARD (17X32X3.5-MM THK)						
M	10	1	8T-0207	12	BOLT (M16X2X100-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g00290821

POWER TRAIN

232-7553 DIFFERENTIAL GP-STANDARD

S/N: ASX1-UP

PART OF 240-4663, 240-4664 DIFFERENTIAL & BEVEL GEAR GP

SMCS-3258

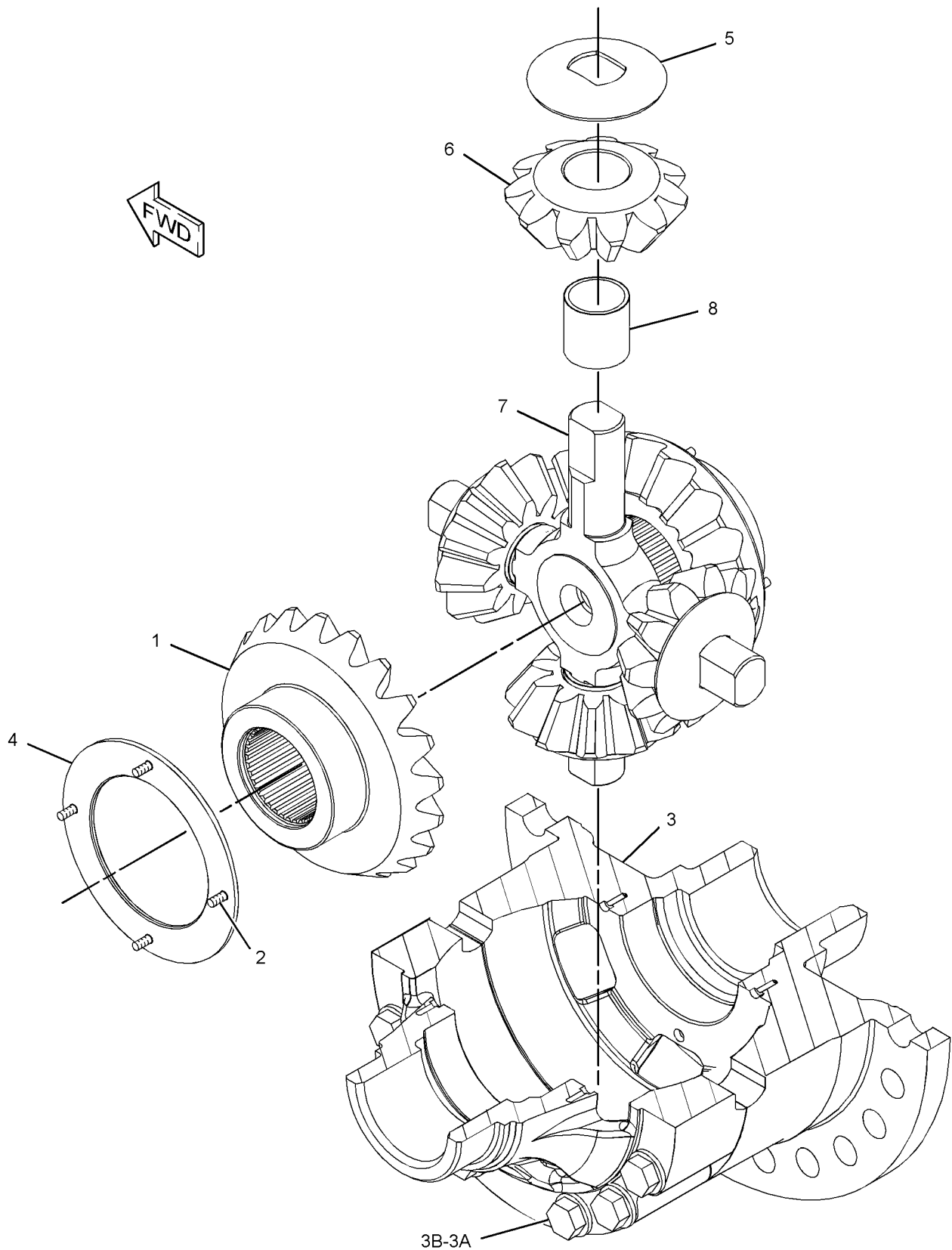
i02676087

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	105-8735	2	GEAR-DIFFERENTIAL BEVEL (20-TEETH)	
M	2	1	127-1960	8	SCREW-FLAT HEAD (M6X1X16-MM)	
	3	1	208-7534	1	CASE AS	
	3A	1	5P-8247	12	WASHER-HARD (17X32X3.5-MM THK)	
M	3B	1	8T-0207	12	BOLT (M16X2X100-MM)	
	4	1	208-7535	2	WASHER-THRUST	
	5	1	217-3683	4	WASHER-THRUST	
	6	1	233-6755	4	PINION-DIF BEVEL	
	7	1	288-1028	1	SPIDER	
	8	1	149-2915	4	BEARING-SLEEVE	
M-METRIC PART						

POWER TRAIN

232-7553 DIFFERENTIAL GP (contd.)

i02676087



GRAPHIC #1

<END>

g01349463

POWER TRAIN

110-3799 DIFFERENTIAL GP-NOSPIN

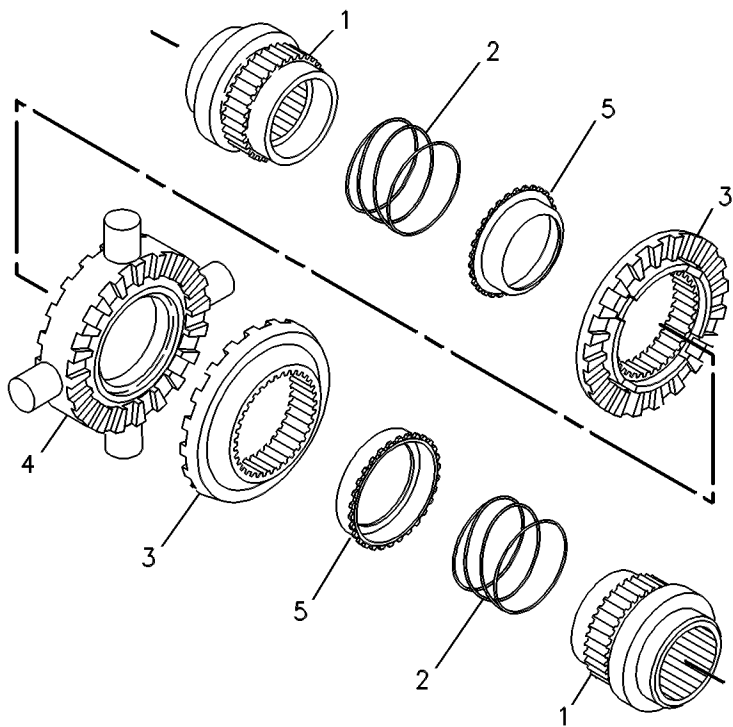
S/N: ASX1-UP

PART OF 124-6555 DIFFERENTIAL GP-NOSPIN
AN ATTACHMENT

SMCS-3265

i01135019

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	112-8120	2	GEAR-SIDE (72 TEETH)						
	2	1	2G-4987	2	SPRING						
	3	1	112-8990	2	CLUTCH AS						
	4	1	112-8119	1	SPIDER AS						
	5	1	8W-5256	2	RETAINER						



GRAPHIC #1

<END>

g00121091

POWER TRAIN

124 - 6555 DIFFERENTIAL GP - NOSPIN

S/N: ASX1-UP

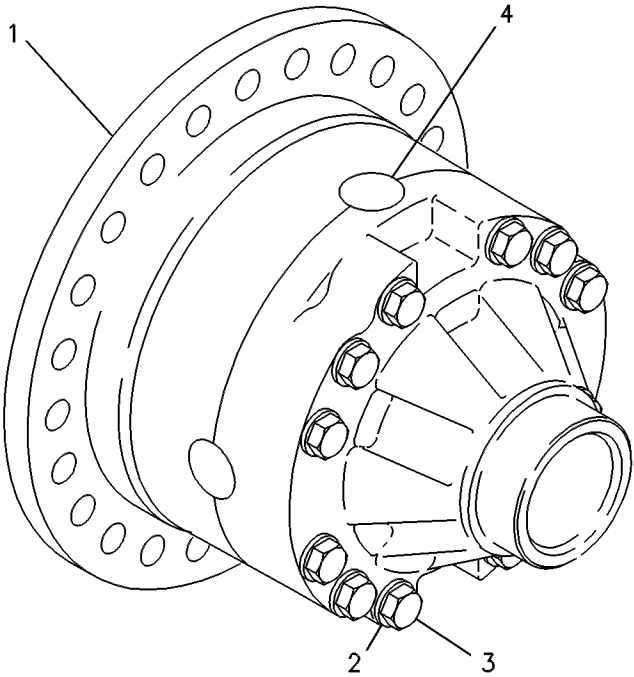
PART OF 179-1262 DIFFERENTIAL GP - NOSPIN
AN ATTACHMENT

SMCS - 3265

i01581688

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	208 - 7534	1	CASE AS	
	2	1	5P - 8247	12	WASHER - HARD (17X32X3.5MM THK)	
M	3	1	8T - 0207	12	BOLT (M16X2.0X100MM)	
Y	4	1	110 - 3799	1	DIFFERENTIAL GP - NOSPIN	426

M - METRIC PART
Y - SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00121090

POWER TRAIN

179 - 1262 DIFFERENTIAL GP - NOSPIN

S/N: ASX1-UP
AN ATTACHMENT

SMCS - 3265

i01698915

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	124-6555	1	DIFFERENTIAL GP-NOSPIN						427
Y-SEPARATE ILLUSTRATION									
<END>									

POWER TRAIN

175-2830 FILLER GP-POWER TRAIN OIL

S/N: ASX1-UP

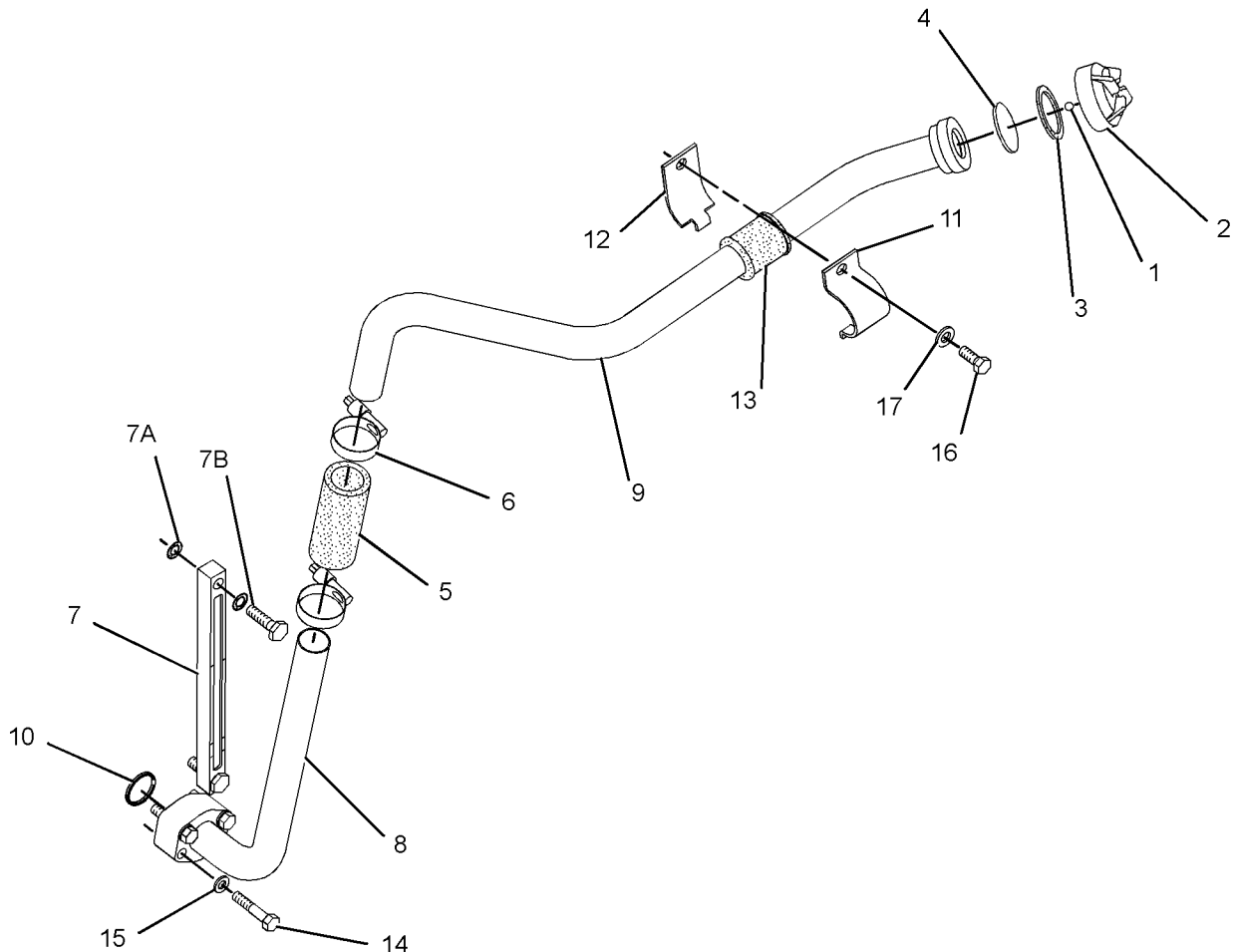
PART OF 226-9591 POWER TRAIN AR

SMCS-3005, 3081

i02274784

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4B-9782	1	BALL						
	2	1	5K-1568	1	CAP-FILLER (POWER TRAIN)						
	3	1	6F-5188	1	SEAL-RING						
	4	1	6H-5139	1	PLATE-PRESSURE						
	5	1	5P-1291	1	HOSE						
	6	1	8T-6703	2	CLAMP-HOSE						
	7	1	255-4888	1	GAUGE AS-SIGHT						
	7A	1	5J-2974	4	SEAL-O-RING						
	7B	1	122-8353	2	BOLT (M12X46.5-MM)						
	8	1	172-6438	1	TUBE AS						
	9	1	172-6439	1	TUBE AS						
	10	1	1P-3705	1	SEAL-RECTANGULAR						
	11	1	5P-7468	1	CLIP (SLOT)						
	12	1	5P-7469	1	CLIP (TAB)						
	13	1	5P-8444	1	GROMMET						
	14	1	7X-0311	4	BOLT (7/16-14X2.25-IN)						
	15	1	8T-5360	4	WASHER (12X22.5X2.5-MM THK)						
M	16	1	8T-4956	1	BOLT (M12X1.75X35-MM)						
	17	1	8T-4223	1	WASHER-HARD (13.5X25.5X3-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01167207

POWER TRAIN

133 - 1295 FILTER GP - OIL-POWER TRAIN

S/N: ASX1-UP

PART OF 228-7030 LINES GP - POWER TRAIN OIL

SMCS-3004, 3067

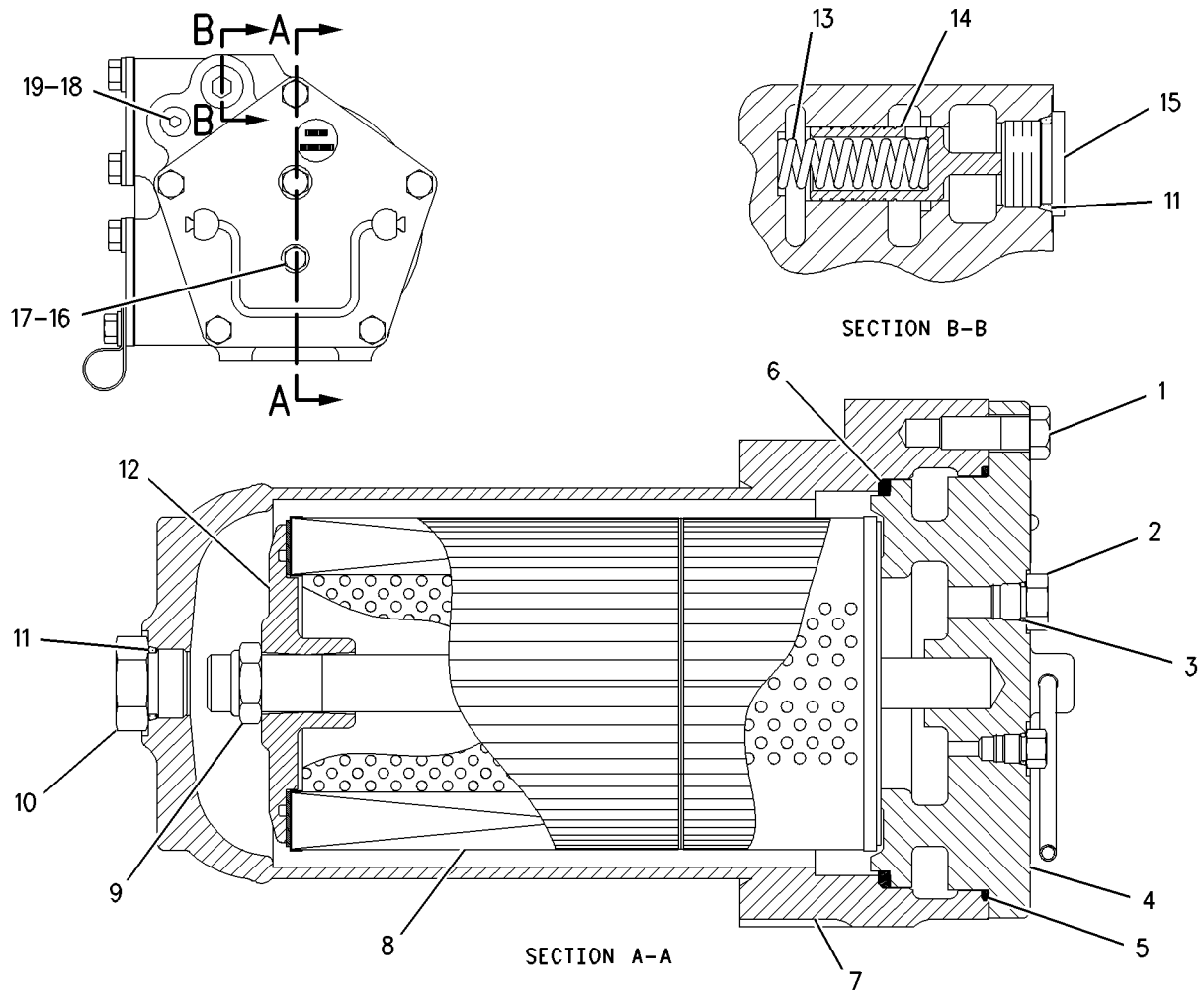
i02274774

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	8T-4956	5	BOLT (M12X1.75X35-MM)						
	2	1	9S-4191	1	PLUG-O-RING						
	3	1	3J-1907	1	SEAL-O-RING						
	4	1	133-1276	1	COVER AS						
		1	133-8528	1	STUD-TAPERLOCK						
	5	1	2K-4472	1	SEAL-O-RING						
	6	1	6D-9157	1	SEAL-O-RING						
	7	1	202-9702	1	HOUSING AS-FILTER						
	8	1	132-8876	1	FILTER ELEMENT AS-OIL (ULTRA HIGH EFFICIENCY) (POWER TRAIN)						
	9	1	4L-4986	1	LOCKNUT (7/8-14-THD)						
	10	1	9S-4183	1	PLUG-O-RING						
	11	1	3D-2824	2	SEAL-O-RING						
	12	1	133-1299	1	RETAINER						
	13	1	133-2199	1	SPRING						
	14	1	6T-9222	1	SPOOL						
	15	1	9S-8008	1	PLUG-O-RING						
	16	1	9S-4182	1	PLUG-O-RING						
	17	1	3J-7354	1	SEAL-O-RING						
	18	1	9S-8005	1	PLUG-O-RING						
	19	1	3K-0360	1	SEAL-O-RING						
M-METRIC PART											

POWER TRAIN

133-1295 FILTER GP-OIL (contd.)

i02274774



GRAPHIC #1

<END>

g00796085

POWER TRAIN

232-4688 GEAR GP-OUTPUT TRANSFER

S/N: DRP1-UP

PART OF 229-8328 TRANSMISSION AR

SMCS-3075, 3159

i02763841

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	232-6750	1	CASE AS	
		1	0S-1594	1	BOLT (3/8-16X1-IN)	
		1	2A-3798	2	DOWEL	
		1	5M-2894	1	WASHER-HARD (10.2X18.5X2.5-MM THK)	
		1	8P-8837	1	TUBE AS	
		1	8M-8659	2	DOWEL	
		1	3P-2411	1	COVER-GEAR HOUSING	
Y	2	1	193-2550	1	SENSOR GP-SPEED (TRANSMISSION OUTPUT 2)	271
Y	2A	1	193-2550	1	SENSOR GP-SPEED (TRANSMISSION OUTPUT 1)	271
M	3	1	099-4691	2	BOLT-LOCKING (M12X1.75X25-MM)	
	4	1,2,3	5P-8245	51	WASHER-HARD (13.5X25.5X3-MM THK)	
	5	1	7B-3235	3	BOLT (1/2-13X1.375-IN)	
	6	1	9X-8874	8	BOLT (1/2-13X3-IN)	
	7	1	6Y-6326	1	CAGE AS-BEARING	
		1	3D-0490	4	STUD-TAPERLOCK (1/2-13X1.97-IN)	
	8	1	1A-1460	7	BOLT (1/2-13X2-IN)	
	9	3	5P-8247	20	WASHER-HARD (17X32X3.5-MM THK)	
	10	3	1A-8651	2	BOLT (5/8-11X4.5-IN)	
	11	3	1B-4367	18	BOLT (5/8-11X3-IN)	
	12	3	160-1638	1	HOUSING-SCREEN	
	13	3	9X-8875	4	BOLT (1/2-13X3.5-IN)	
	14	2,3	5M-2894	21	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	15	2	0S-1594	5	BOLT (3/8-16X1-IN)	
	16	3	6P-4903	1	PLATE AS	
		3	7B-3028	2	SCREW-DRIVE (NO 4X3/16-IN)	
		3	7S-2962	1	WASHER-SPRING (52.3X82.5X9.1-MM THK)	
	17	3	5F-0149	1	SEAL-O-RING	
	18	3	4S-8603	1	SCREEN GP-MAGNETIC	
		3	8M-7160	3	MAGNET	
	19	3	4S-8598	1	SCREEN-SUCTION	
	20	2,3	2H-2665	2	SEAL-O-RING	
B	21	1	6V-6640		SEALANT	
	22	2,3	0L-1328	2	BOLT (3/4-16X4-IN)	
	23	2,3	266-9266	2	RETAINER	
	24	3	174-3405	1	YOKE AS	
		3	3S-9880	1	GUARD	
	25	2	5F-3092	1	SEAL-O-RING	
	26	2	1A-5822	7	BOLT (1/2-13X2.75-IN)	
	27	2	0S-1587	8	BOLT (1/2-13X1.75-IN)	
	28	2	2D-9457	2	CONE-BEARING	
	29	2	4F-2041	2	CUP-BEARING (TAPERED ROLLER)	
	30	2	3T-6176	1	GEAR-TRANSFER (30-TEETH)	
	31	2	6Y-6327	1	CAGE-BEARING	
	32	2	191-5006	1	COVER	
	33	2	8H-8257	1	SEAL-O-RING	
	34	2	1P-7834	4	CUP-BEARING	
	35	2	1P-7835	4	CONE-BEARING	
	36	2	3T-6175	1	GEAR (35-TEETH)	
	37	2	6P-4947	1	RETAINER	
	38	2	2A-4639	6	BOLT (3/8-16X1.625-IN)	
	39	2,3	034-3557	10	BOLT-LOCKING (3/8-16X1.125-IN)	
	40	3	9J-7031	1	PLUG-DRAIN (HYDRAULIC, TRANSMISSION)	
	41	3	8J-8782	1	BODY-DRAIN VALVE	
	42	2	2K-4472	2	SEAL-O-RING	
	43	2	5J-1086	1	SEAL-O-RING	
	44	2	1P-4078	1	SPACER (90.47X107.95X10.08-MM THK)	

POWER TRAIN

232-4688 GEAR GP - OUTPUT TRANSFER (contd.)

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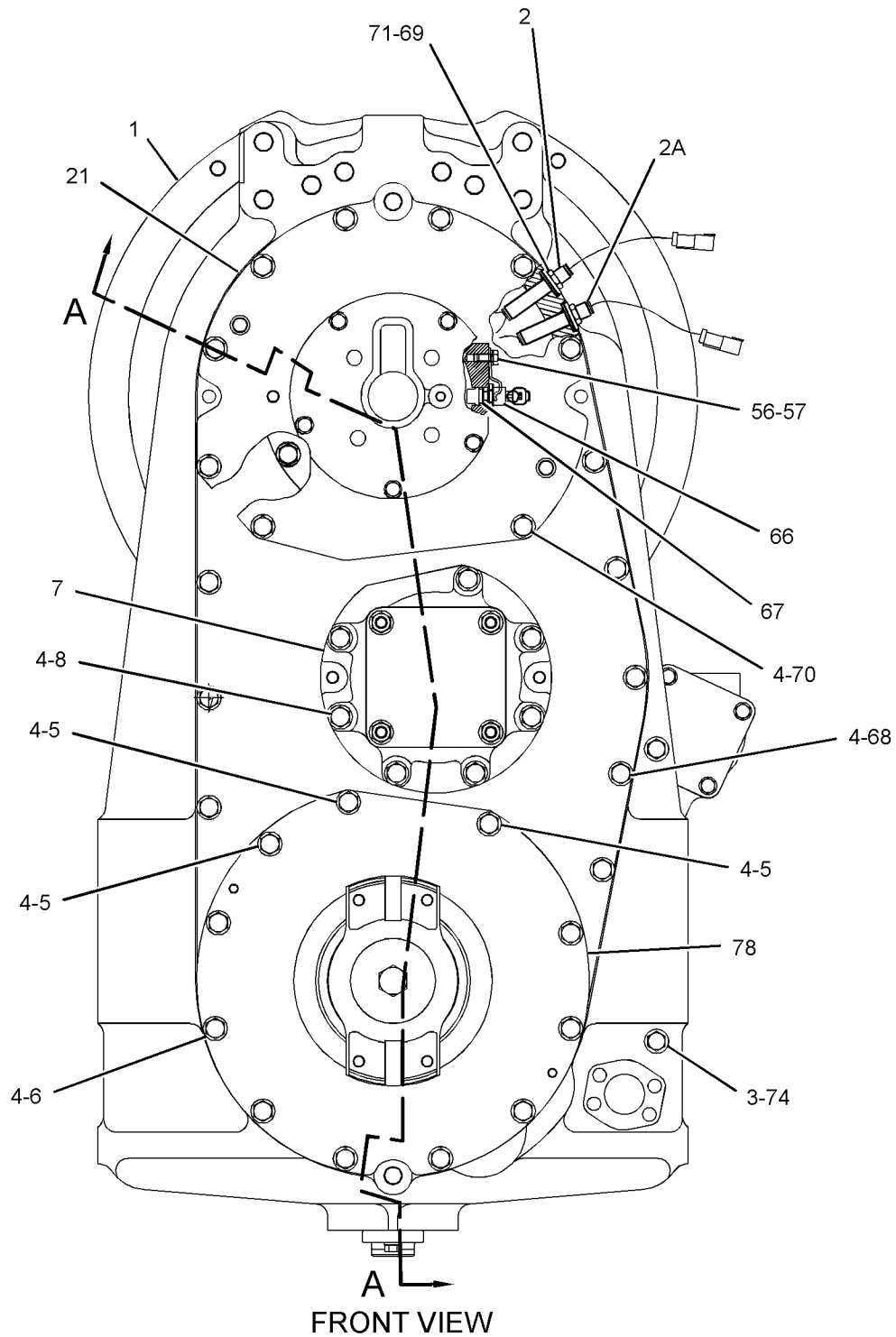
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	45	2	171-3942	1	YOKE						
	46	2	9W-0780	1	SHAFT - TRANSFER						
	47	2	9W-0781	1	SPACER (71.39X95X10.87-MM THK)						
	48	2	2H-6490	1	BEARING - INNER						
	49	2	2H-6489	1	RACE-BEARING OUTER						
	50	2	102-4563	1	GEAR-TRANSFER (35-TEETH)						
	51	2	7L-2181	1	SEAL-O-RING						
	52	2	1F-7958	4	NUT-FULL (1/2-13-THD)						
	53	2	3F-5792	1	SEAL-O-RING						
	54	2	1P-9269	1	COVER						
B	55	2	6Y-6329	1	SHIM PACK (INCLUDES 13-SHIMS)						
M	56	1	8T-4200	1	BOLT (M8X1.25X16-MM)						
	57	1	8T-4224	1	WASHER-HARD (8.8X16X2-MM THK)						
	58	2	8H-3981	1	RING-RETAINING						
B	59	2	6Y-6328	1	SHIM PACK (INCLUDES 13-SHIMS)						
	60	2	5P-2587	1	SEAL-O-RING						
	61	2	1B-3867	1	BALL BEARING						
	62	2	203-2060	1	RETAINER-BEARING						
	63	2	191-5000	1	SHAFT-SPEED						
	64	2	191-5002	1	CAGE-BEARING						
	65	2	148-1507	1	ROTOR-SENSOR						
Y	66	1	201-6616	1	SENSOR GP-SPEED (TRANSMISSION INPUT)						272
	67	1	117-1385	1	SEAL-O-RING						
	68	1	9X-8873	8	BOLT (1/2-13X2.25-IN)						
	69	1	9X-8268	2	WASHER (17.5X30X3.5-MM THK)						
	70	1	6H-1717	2	BOLT (1/2-13X1.125-IN)						
	71	1	1V-6341	2	SEAL						
	72	2	5P-0537	4	WASHER-HARD (7.2X14.5X2-MM THK)						
	73	2	8H-3128	4	BOLT-SOCKET HEAD (1/4-20X0.625-IN)						
	74	1	191-2845	2	WASHER						
M	75	3	6V-4248	4	BOLT (M10X1.5X25-MM)						
	76	3	6V-5839	4	WASHER (11X21X2.5-MM THK)						
	77	2	133-4292	2	SEAL-LIP TYPE						
	78	1	237-9848	1	CAGE-BEARING						
	79	2	237-9849	1	CAGE-BEARING						
	80	2	5M-2057	1	SEAL-O-RING						
	81	2	8T-3298	1	SEAL-RECTANGULAR						
	82	2	1U-2827	1	GUIDE-VALVE						
	83	2	7B-3039	1	SPRING						
	84	2	8J-8783	1	VALVE						

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

POWER TRAIN

232 - 4688 GEAR GP - OUTPUT TRANSFER (contd.)

i02763841



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

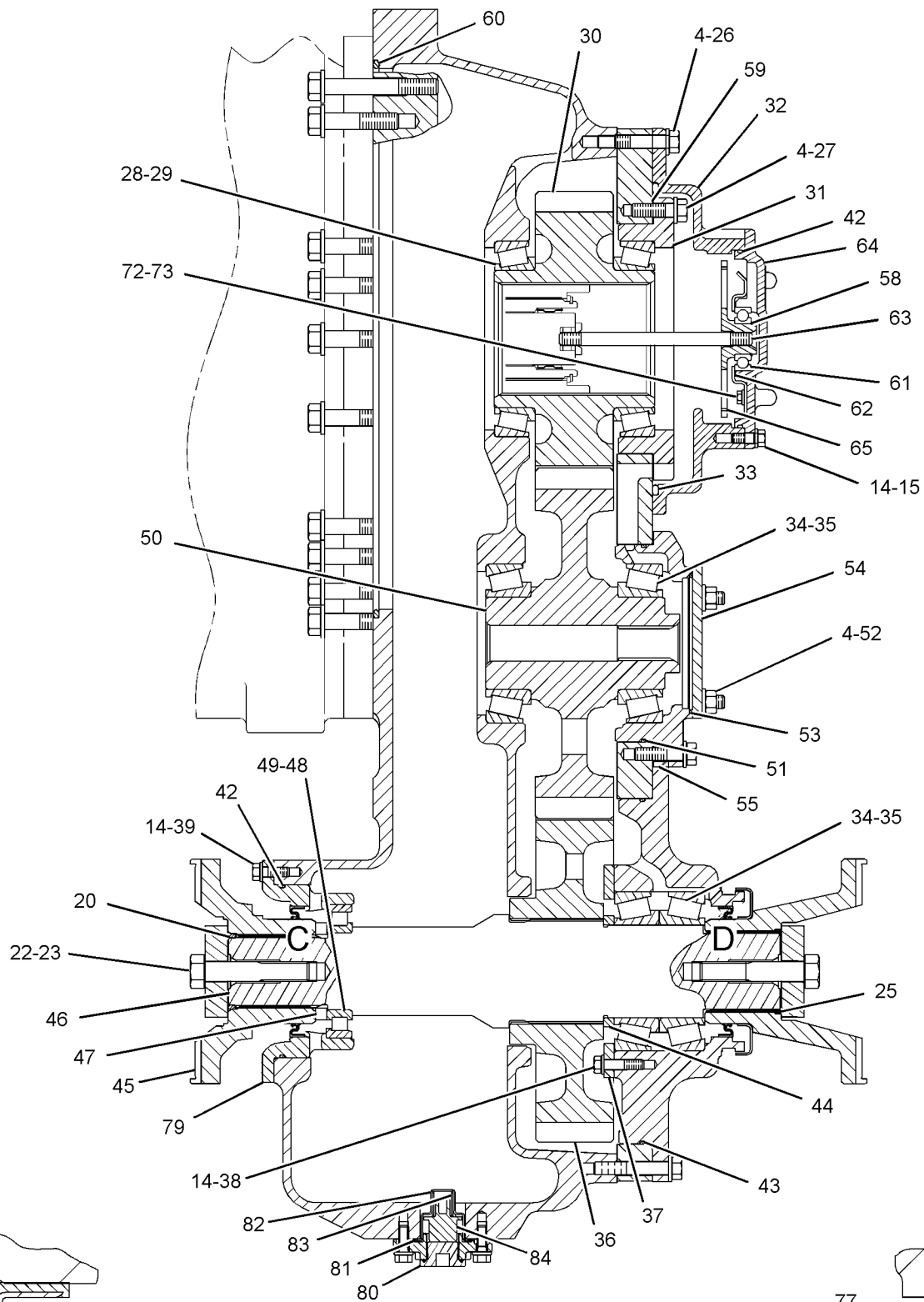
GRAPHIC #1

g01376878

POWER TRAIN

232 - 4688 GEAR GP - OUTPUT TRANSFER (contd.)

i02763841



VIEW OF AREA C

GRAPHIC #2

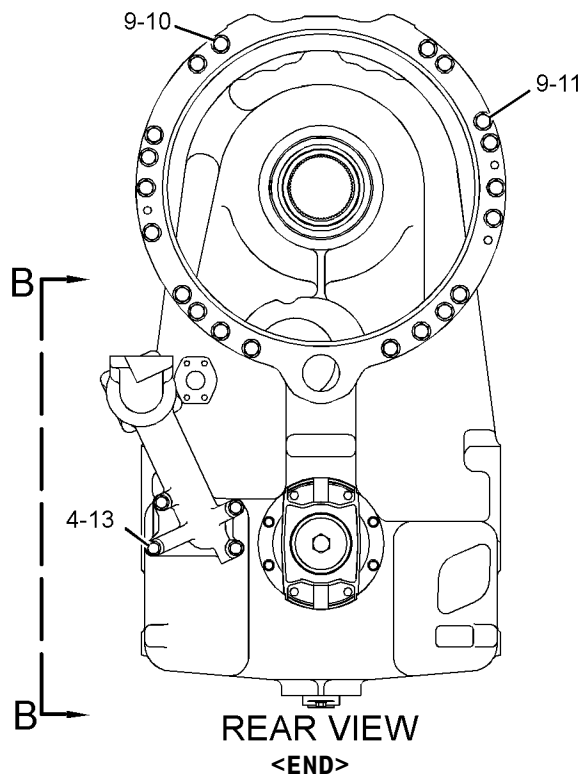
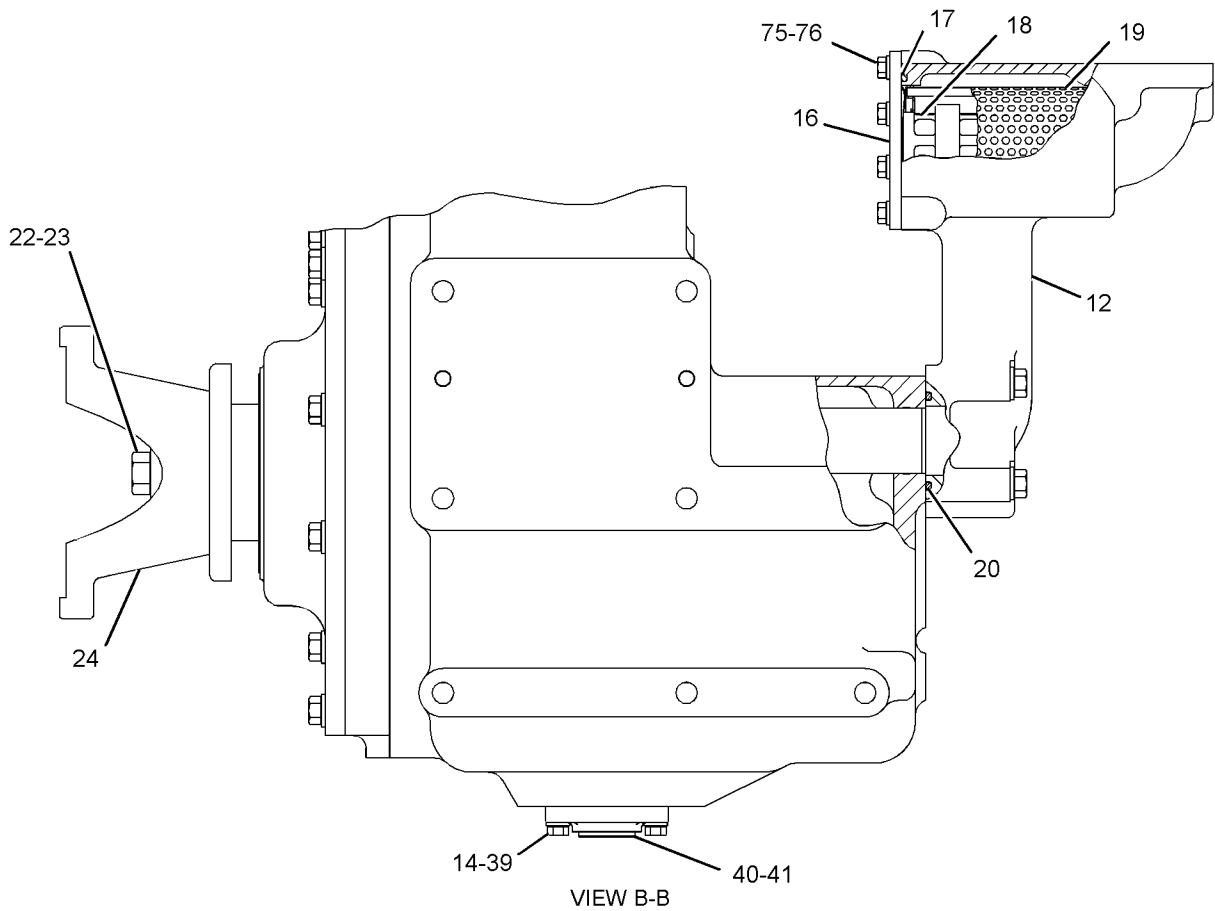
VIEW OF AREA D

g01376880

POWER TRAIN

232 - 4688 GEAR GP - OUTPUT TRANSFER (contd.)

i02763841



GRAPHIC #3

g01376881

POWER TRAIN

228-7030 LINES GP-POWER TRAIN OIL

S/N: ASX1-UP

PART OF 226-9591 POWER TRAIN AR

SMCS-3016

i02758376

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
E	1	1	5P-6412		HOSE (12-CM)						
	2	1	223-9985	2	CLAMP						
E	3	1	5P-1293		HOSE (13-CM)						
	4	1	6V-0852	1	CAP-DUST						
	5	1	8C-3447	1	CAP-DUST						
	6	1	8X-4660	1	FLANGE						
	7	1	115-8501	1	HOSE AS						
I	8	1	119-6017	1	TUBE AS						
	9	1	119-6018	1	TUBE AS						
	10	1	153-2767	1	VALVE GP-MANUAL						
	11	1	164-5567	1	FITTING AS (QUICK DISCONNECT, MALE)						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-3965	1	FITTING-COUPLER						
	12	1	164-5590	1	VALVE AS-FLUID SAMPLING (POWER TRAIN OIL)						
		1	3J-7354	1	SEAL-O-RING						
		1	8C-3446	1	VALVE-FLUID SAMPLING						
	13	1	197-3295	4	FLANGE-HALF						
I	14	1	199-6264	1	HOSE AS						
	15	1	228-7008	1	PLATE AS						
I	16	1	228-7029	1	HOSE AS						
	17	1	245-3501	1	TUBE AS						
	18	1	245-3502	1	TUBE AS						
Y	19	1	133-1295	1	FILTER GP-OIL (POWER TRAIN)						430
	20	1	148-8308	1	ADAPTER AS						
		1	2S-4078	1	SEAL-O-RING						
		1	7X-2470	1	ADAPTER						
	21	1	148-8309	1	ADAPTER AS						
		1	2P-8421	1	ADAPTER-O-RING						
		1	3D-2824	1	SEAL-O-RING						
	22	1	148-8313	1	ADAPTER AS						
		1	3K-0360	1	SEAL-O-RING						
		1	5P-6944	1	ADAPTER						
	23	1	148-8373	1	ELBOW AS						
		1	8C-3364	1	ELBOW						
		1	6V-8400	1	SEAL-O-RING						
		1	7M-8485	1	SEAL-O-RING						
	24	1	148-8378	2	ELBOW AS						
					(EACH INCLUDES)						
		1	6V-8724	1	ELBOW						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
	25	1	160-8708	1	BRACKET AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	26	1	169-7397	1	ADAPTER GP						
		1	3K-0360	1	SEAL-O-RING						
		1	3P-1932	1	ADAPTER						
	27	1	1P-3704	1	SEAL-RECTANGULAR						
	28	1	1P-3706	1	SEAL-RECTANGULAR						
	29	1	1P-3708	1	SEAL-RECTANGULAR						
	30	1	1P-4579	4	FLANGE-HALF						
	31	1	4J-0522	2	SEAL-O-RING						
	32	1	4J-0524	2	SEAL-O-RING						
	33	1	4J-0527	1	SEAL-O-RING						
	34	1	4L-9337	1	BOLT (3/8-16X1.5-IN)						
	35	1	5P-7468	1	CLIP (SLOT)						
	36	1	5P-7469	1	CLIP (TAB)						

POWER TRAIN

228-7030 LINES GP-POWER TRAIN OIL (contd.)

i02758376

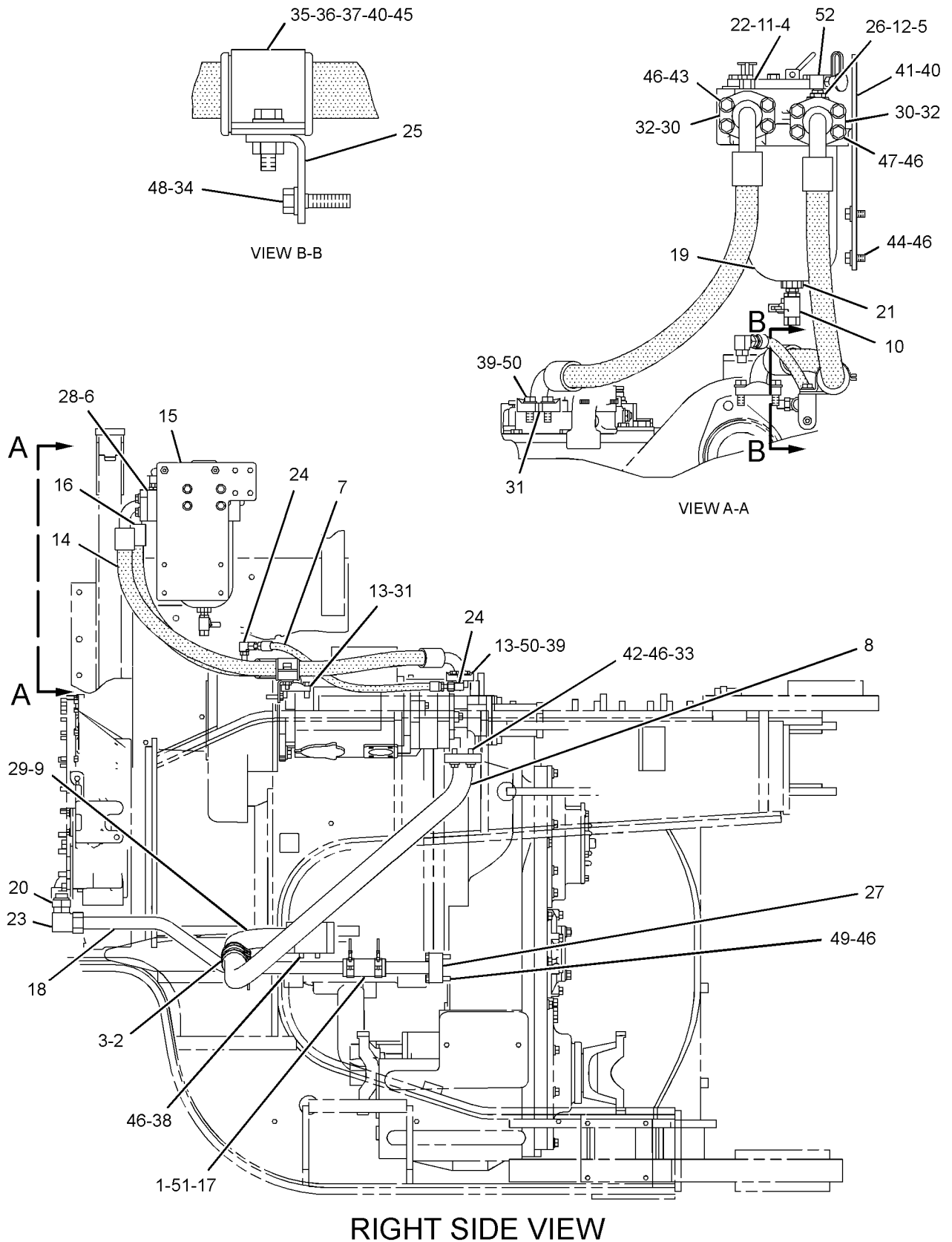
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	37	1	5P-8444	1	GROMMET						
M	38	1	7X-2549	4	BOLT (M12X1.75X100-MM)						
	39	1	7X-3392	8	WASHER-HARD (13.5X22.5X3-MM THK)						
	40	1	8T-4121	5	WASHER-HARD (11X21X2.5-MM THK)						
M	41	1	8T-4136	4	BOLT (M10X1.5X25-MM)						
M	42	1	8T-4183	4	BOLT (M12X1.75X40-MM)						
M	43	1	8T-4184	4	BOLT (M12X1.75X45-MM)						
M	44	1	8T-4192	4	BOLT (M12X1.75X25-MM)						
M	45	1	8T-4196	1	BOLT (M10X1.5X35-MM)						
	46	1	8T-4223	24	WASHER-HARD (13.5X25.5X3-MM THK)						
M	47	1	8T-4648	4	BOLT (M12X1.75X70-MM)						
	48	1	8T-4896	1	WASHER-HARD (10.2X18.5X2.5-MM THK)						
M	49	1	8T-4910	4	BOLT (M12X1.75X60-MM)						
M	50	1	8T-4956	8	BOLT (M12X1.75X35-MM)						
	51	1	216-1649	2	CLAMP						
	52	1	169-5862	1	ELBOW AS						
		1	3J-1907	1	SEAL-O-RING						
		1	8C-6712	1	ELBOW						

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

POWER TRAIN

228-7030 LINES GP-POWER TRAIN OIL (contd.)

i02758376



GRAPHIC #1

<END>

g01244956

POWER TRAIN

228-7020 LINES GP-TORQUE CONV COOLER

S/N: ASX1-UP

PART OF 226-9597, 302-1353 HYDRAULIC AR

SMCS-1375, 3016

i02758375

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
E	1	1	5P-1291		HOSE (13-CM EACH)						
	2	1	8T-6703	8	CLAMP-HOSE						
	3	1	169-7077	1	BRACKET						
	4	1	173-1027	1	TUBE AS						
	5	1	224-9046	1	TUBE AS						
	6	1	227-9512	1	TUBE AS						
	7	1	227-9513	1	TUBE AS						
	8	1	1P-3705	4	SEAL-RECTANGULAR						
	9	1	1P-5762	4	FLANGE-HALF						
	10	1	5P-7468	1	CLIP (SLOT)						
	11	1	5P-7469	1	CLIP (TAB)						
	12	1	5P-8444	1	GROMMET						
	13	1	7X-0317	1	BOLT (7/16-14X3.75-IN)						
	14	1	7X-0589	1	WASHER-HARD (12X28.5X5-MM THK)						
M	15	1	8T-4183	1	BOLT (M12X1.75X40-MM)						
M	16	1	8T-4184	4	BOLT (M12X1.75X45-MM)						
M	17	1	8T-4194	4	BOLT (M12X1.75X50-MM)						
	18	1	8T-4223	18	WASHER-HARD (13.5X25.5X3-MM THK)						
M	19	1	8T-4244	1	NUT (M12X1.75-THD)						
M	20	1	8T-4910	4	BOLT (M12X1.75X60-MM)						
M	21	1	8T-6868	4	BOLT (M12X1.75X80-MM)						
	22	1	148-8411	1	PLUG AS						
		1	3K-0360	1	SEAL-O-RING						
		1	9S-4185	1	PLUG-O-RING						

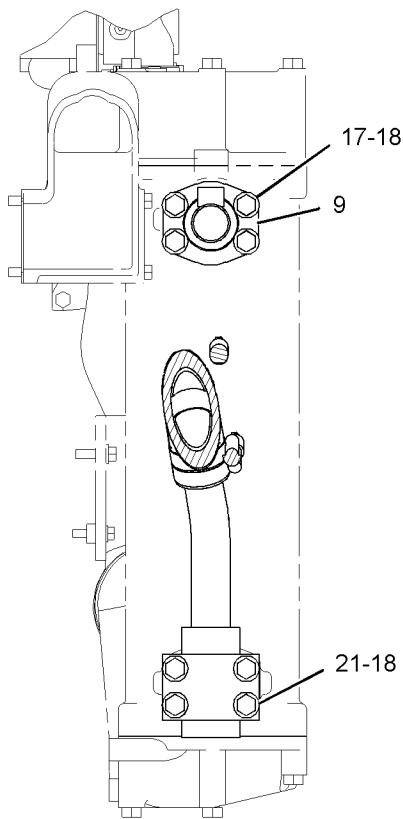
E-ORDER BY THE CENTIMETER

M-METRIC PART

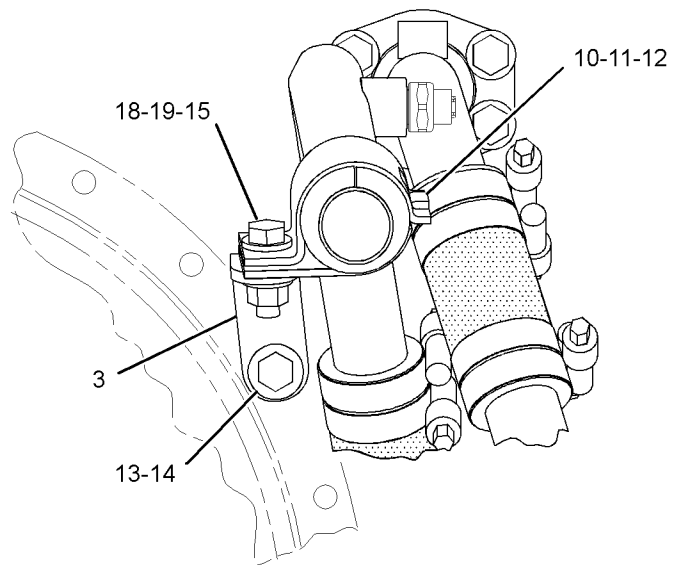
POWER TRAIN

228-7020 LINES GP-TORQUE CONV COOLER (contd.)

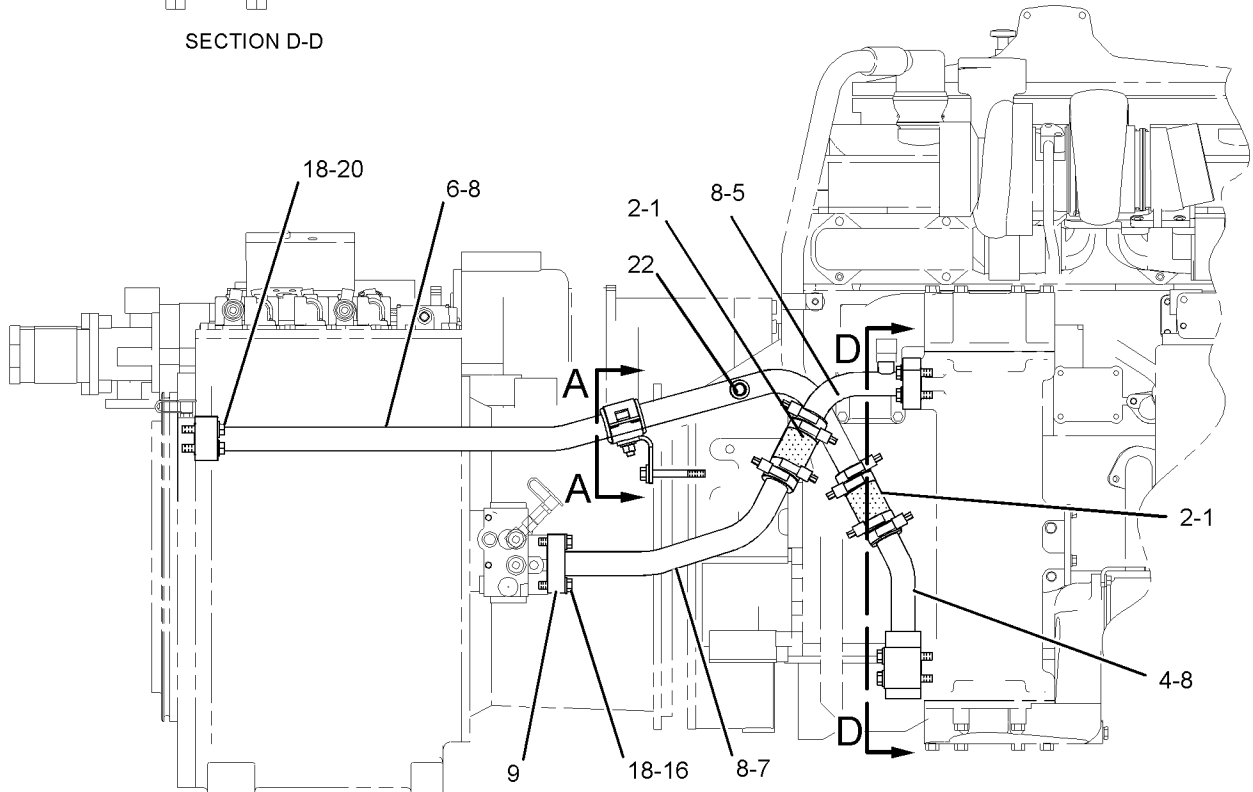
i02758375



SECTION D-D



SECTION A-A



REAR VIEW

GRAPHIC #1

<END>

g01209904

POWER TRAIN

130-0964 MOUNTING GP-AXLE

S/N: ASX1-UP

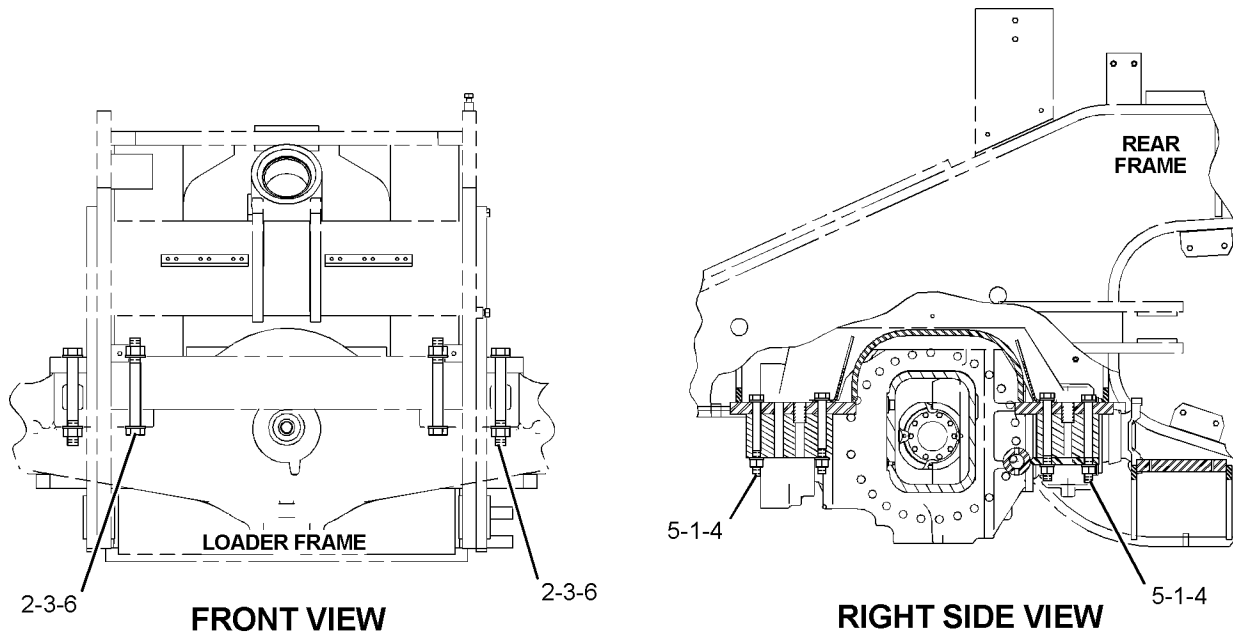
PART OF 226-9591 POWER TRAIN AR

SMCS-3268, 3278

i02096435

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	7X-0851	8	NUT (M24X3-THD)						
M	2	1	7Y-5231	8	BOLT (M30X3.5X260-MM)						
M	3	1	8C-8722	8	NUT (M30X3.5-THD)						
M	4	1	8T-0364	8	BOLT (M24X3X220-MM)						
	5	1	9H-1031	16	WASHER-HARD (24X41.5X6-MM THK)						
	6	1	9X-8258	16	WASHER (33X56X6-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01081704

POWER TRAIN

123-5925 MOUNTING GP-RIM

S/N: ASX1-UP
PART OF 123-5923 RIM AR
AN ATTACHMENT

SMCS-4202, 4209

i00679286

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
M	6V-8132	26	BOLT (M24X3.0X120MM)						
	6V-8237	26	WASHER (4.0MM THK)						
M-METRIC PART									
<END>									

POWER TRAIN

229-8334 PLANETARY GP-TRANSMISSION

S/N: DRP1-UP

PART OF 229-8328 TRANSMISSION AR

SMCS-3160

i02684013

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	305-9001	1	SHAFT AS-INPUT	
		1	292-8653	1	ADAPTER-SPEED	
2		1	8C-6761	1	RING-RETAINING	
3		1	8K-2692	1	RING-RETAINING	
4		1	6P-3458	1	SPACER (2.179X3X0.366-IN THK)	
5		1	6Y-1616	1	CARRIER AS	
		1	4S-8537	1	DOWEL	
6		1	8T-1141	2	RING-RETAINING	
7		1	6Y-3484	3	BALL BEARING	
8		1	6V-0836	3	RING-RETAINING	
9		1	6F-0156	1	RING-METAL SEAL	
10		1	7H-7658	12	SPRING	
11		1	3P-3321	2	SEAL-METAL RING	
12		1	108-2736	2	RING-LOCK	
13		1	3T-2139	1	HOUSING AS-CLUTCH	
		1	9S-1343	1	PLUG-CUP	
14		1	164-3302	1	PISTON-CLUTCH	
15		1	3P-2793	5	SEAL-RING	
16		1	6T-3720	1	GEAR-RING (80-TEETH)	
17		1	9F-3788	1	RING-METAL SEAL	
18		1	106-7798	2	BALL BEARING	
19		1	8S-9104	2	RING-RETAINING	
20		1	8P-4617	1	SEAL-METAL RING	
21		1	164-4891	1	PLATE AS	
		1	2D-6642	2	BALL (0.25-IN DIA)	
		1	7M-8479	2	DOWEL	
22		1	7G-3355	1	HOUSING-CLUTCH	
23		1	3P-3059	1	GEAR-SUN (42-TEETH)	
24		1	9P-7039	1	RING-SEAL	
25		1	201-8554	1	PISTON-CLUTCH	
26		1	3P-3098	1	GEAR-RING (90-TEETH)	
27		1	8F-8544	2	BOLT (3/8-16X6.25-IN)	
28		1	5M-6187	1	RING-METAL SEAL	
29		1	108-2735	1	RING-LOCK	
30		1	9M-4355	20	DAMPER-BOLT	
31		1	231-1270	1	HOUSING AS-CLUTCH	
		1	7M-8480	4	DOWEL	
32		1	3P-2685	3	PISTON-CLUTCH	
33		1	3P-2794	3	SEAL-RING	
34		1	9M-1503	1	RING-METAL SEAL	
35		1	7G-8211	1	CARRIER AS	
		1	2D-6642	3	BALL (0.25-IN DIA)	
36		1	3P-2791	1	HOUSING-CLUTCH	
37		1	6P-5751	1	GEAR-RING (90-TEETH)	
38		1	9W-2977	1	HUB AS	
		1	4S-8537	1	DOWEL	
39		1	7J-6525	1	RING-RETAINING	
40		1	3P-3304	1	PLATE-RETAINER	
41		1	9M-2095	1	RING-RETAINING	
42		1	3P-3635	3	SPRING-DISC	
43		1	232-4685	1	MANIFOLD AS	
		1	3D-2824	2	SEAL-O-RING	
		1	3F-3442	1	DOWEL	
		1	6T-6052	1	PLUG-ORIFICE	
		1	7M-8480	4	DOWEL	
		1	9S-8008	2	PLUG-O-RING	

POWER TRAIN

229-8334 PLANETARY GP-TRANSMISSION (contd.)

i02684013

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	44	1	0T-0065	20	BOLT (3/8-16X3.5-IN)	
	45	1	5M-2894	20	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	46	1	6Y-5793	2	RING-SEAL	
	47	1	0S-1617	8	BOLT (5/16-18X0.75-IN)	
	48	1	6P-5724	4	LOCK	
	49	1	6P-5725	1	SLINGER	
	50	1	6Y-8864	1	GASKET-SLINGER	
	51	1	6J-6721	18	BOLT (1/2-13X19.25-IN)	
	52	1	5P-8245	20	WASHER-HARD (13.5X25.5X3-MM THK)	
	53	1	3P-2761	1	HOUSING-CLUTCH	
	54	1	7G-0283	1	GEAR-RING (80-TEETH)	
	55	1	3P-2415	1	CARRIER-PLANETARY	
	56	1	3P-3060	1	GEAR-SUN (50-TEETH)	
	57	1	1N-5410	1	RING-RETAINING	
	58	1	3P-3735	1	HOUSING AS-CARRIER	
		1	4S-8537	1	DOWEL	
		1	6B-6863	1	PIN-SPRING	
		1	6P-7705	1	CARRIER-RING	
	59	1	5J-5794	2	BOLT (1/2-13X3.5-IN)	
	60	1	8S-6212	2	BOLT (1/2-13X13-IN)	
	61	1	200-8627	1	SHAFT AS-OUTPUT	
		1	3P-3103	1	CARRIER-RING	
		1	5P-0403	1	BEARING-ROLLER	
	62	1	3P-4050	1	SPACER (2.9X3.3X0.125-IN THK)	
	63	1	3P-3743	1	RING-RETAINING	
	64	1	1P-0014	1	RING-LOCK	
	65	1	3P-3242	4	SHAFT-PLANETARY	
	66	1	5M-2054	8	BEARING	
	67	1	8E-8304	14	DISC-THRUST	
	68	1	7G-2486	4	GEAR-PLANETARY (20-TEETH)	
	69	1	3S-2708	10	PIN-SPRING	
	70	1	1S-9989	6	DOWEL-REACTION	
	71	1	9H-5537	36	SPRING	
	72	1	1P-9261	1	SEAL-RING	
	73	1	3P-2768	1	PISTON-CLUTCH	
	74	1	7F-2122	2	SEAL-O-RING	
	75	1	3P-2792	1	SEAL-RING	
	76	1	2D-8363	1	SEAL-O-RING	
R	77	1	3P-7489	4	PLATE-CLUTCH	
	78	1	6I-9255	5	DISC-FRICTION	
	79	1	6P-7379	1	HOUSING AS	
		1	8B-1312	3	DOWEL	
	80	1	9W-8298	6	DOWEL	
	81	1	7G-2476	3	GEAR-PLANETARY (20-TEETH)	
	82	1	5M-6126	3	BEARING AS-ROLLER	
	83	1	6P-6739	3	SHAFT-PLANETARY	
	84	1	169-7055	8	DISC-CLUTCH	
R	85	1	3P-7447	11	PLATE-CLUTCH	
	86	1	3P-3096	1	GEAR-SUN (51-TEETH)	
	87	1	6S-1753	1	RING-RETAINING	
	88	1	112-7309	3	SHAFT-PLANETARY	
	89	1	112-4511	3	PIN-SPRING	
	90	1	7G-0897	12	DISC-THRUST	
	91	1	7G-3457	6	GEAR (25-TEETH)	
	92	1	5M-7925	6	BEARING AS-ROLLER	
	93	1	255-8850	1	CARRIER-PLANETARY	
	94	1	9W-9856	8	DISC AS-FRICTION	
	95	1	3P-3418	1	GEAR-RING (88-TEETH)	
	96	1	9W-8297	6	DOWEL	

POWER TRAIN

229-8334 PLANETARY GP-TRANSMISSION (contd.)

i02684013

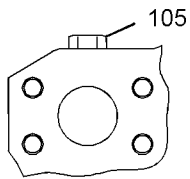
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	97	1	9W-3898	3	GEAR (28-TEETH)						
	98	1	1P-3958	3	ROLLER AS-SPECIAL						
	99	1	8E-8316	6	DISC-THRUST						
	100	1	3P-3246	3	SHAFT-PLANETARY						
	101	1	8M-4390	2	SEAL-O-RING						
	102	1	3P-2983	1	GEAR-SUN (32-TEETH)						
	103	1	2D-5658	1	BALL BEARING						
	104	1	8M-5661	1	SEAL-O-RING						
	105	1	148-8407	1	PLUG AS						
		1	9S-4191	1	PLUG-O-RING						
		1	3J-1907	1	SEAL-O-RING						
	107	1	3T-7138	1	GEAR-RING (80-TEETH)						
	108	1	7G-4818	1	RING-SEAL						

R-REMFG PART MAY BE AVAILABLE

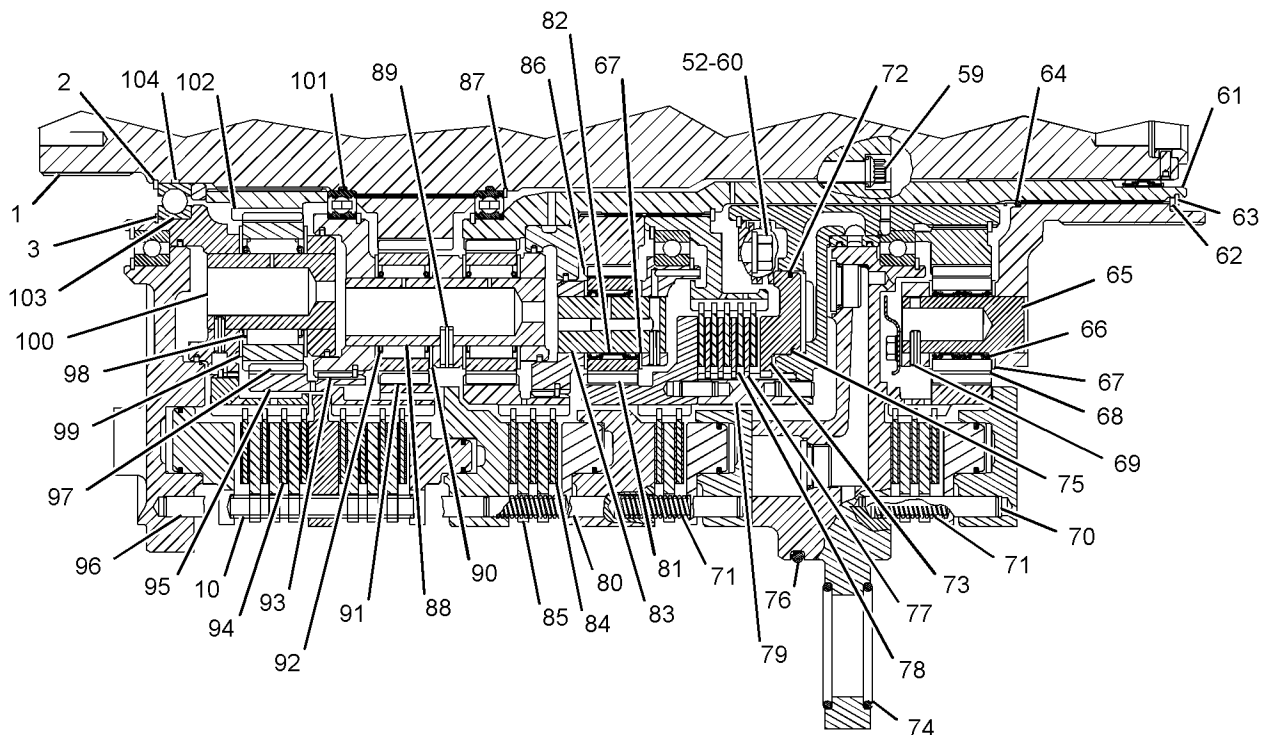
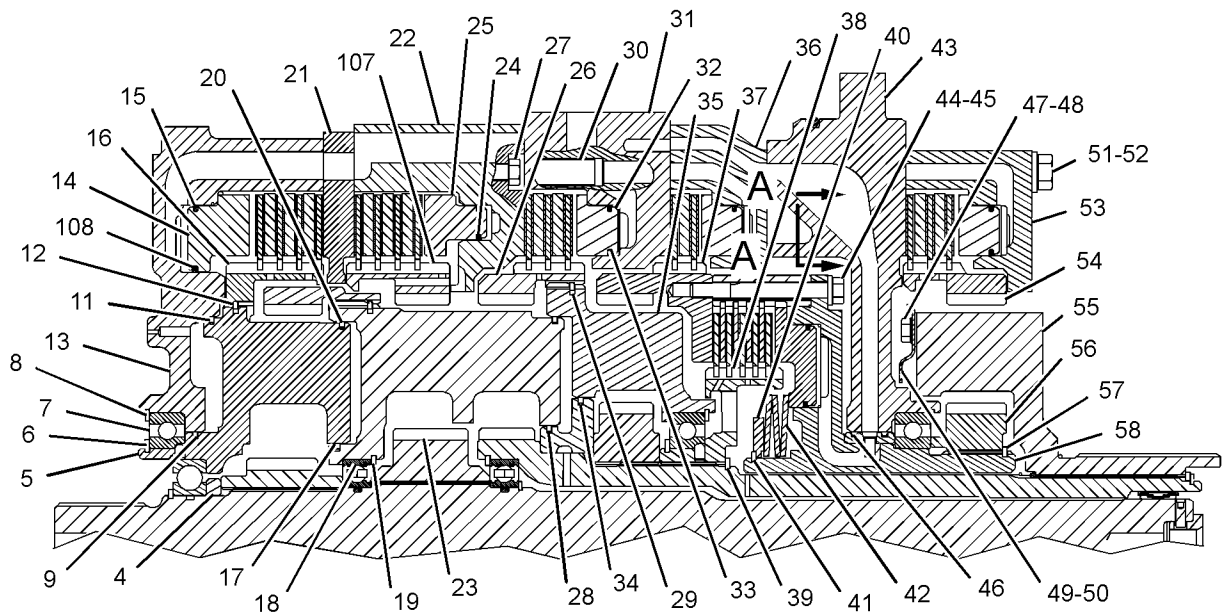
POWER TRAIN

229-8334 PLANETARY GP-TRANSMISSION (contd.)

i02684013



SECTION A-A



GRAPHIC #1

<END>

g01352419

POWER TRAIN

226-9591 POWER TRAIN AR

S/N: ASX1-UP

PART OF 226-9588 GENERAL AR

SMCS-3000, 4000

i02405709

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	238-8562	1	AXLE AR-FIXED (FRONT)						403
Y	229-8208	1	AXLE AR-OSCILLATING (REAR)						403
Y	110-4774	1	BRAKE GP-PARKING						585
Y	175-2830	1	FILLER GP-POWER TRAIN OIL						429
Y	228-7030	1	LINES GP-POWER TRAIN OIL						437
Y	130-0964	1	MOUNTING GP-AXLE						442
Y	233-0175	1	SHAFT GP-DRIVE						454
Y	229-8328	1	TRANSMISSION AR						468
Y-SEPARATE ILLUSTRATION									

<END>

POWER TRAIN

117-9611 PUMP GP-TRANSMISSION

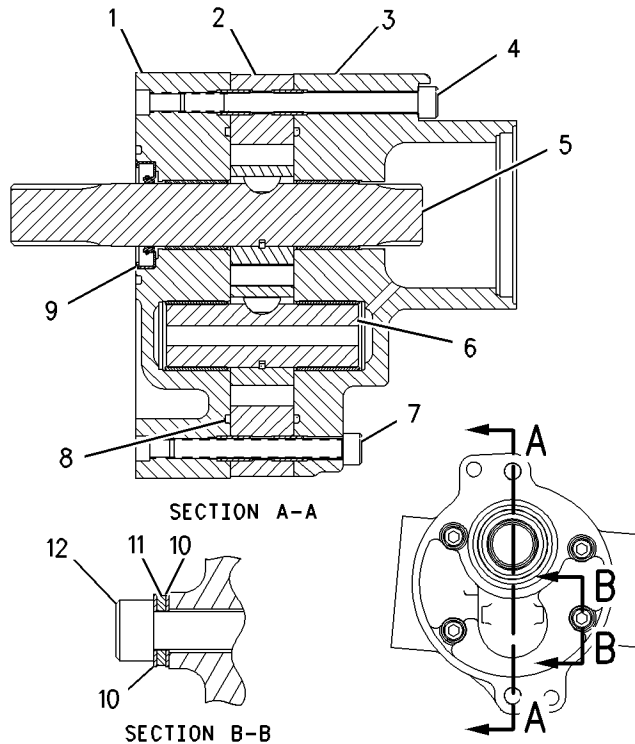
S/N: ASX1-UP

PART OF 231-8630 PUMP & MTG GP-STEERING & TMSN

SMCS-3066

i01663166

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	150-2515	1	COVER AS						
		1	5M-3320	2	BEARING-SLEEVE (1.25X1.38X1.25-IN)						
	2	1	128-7351	1	BODY AS						
		1	8M-8489	4	DOWEL						
	3	1	114-5386	1	MANIFOLD AS-PUMP						
		1	5M-3320	2	BEARING-SLEEVE (1.25X1.38X1.25-IN)						
M	4	1	101-7399	1	BOLT-SOCKET HEAD (M10X1.5X120-MM)						
	5	1	117-9710	1	GEAR AS-OIL PUMP						
	6	1	117-9711	1	GEAR AS-OIL PUMP						
					(EACH GEAR AS INCLUDES)						
		1	2B-9373	1	KEY-WOODRUFF						
M	7	1	105-3479	1	BOLT-SOCKET HEAD (M10X1.5X90-MM)						
	8	1	2D-8009	2	SEAL-O-RING						
	9	1	135-7273	1	SEAL-LIP TYPE						
	10	1	6Y-5010	8	WASHER (10.16X19X0.84-MM THK)						
	11	1	3S-0004	4	WASHER (0.406X0.728X0.09-IN THK)						
M	12	1	095-0658	4	BOLT-SOCKET HEAD (M10X1.5X70-MM)						
M-METRIC PART											



GRAPHIC #1

<END>

g00858532

POWER TRAIN

123-5923 RIM AR

S/N: ASX1-UP

PART OF 115-5005, 115-5006, 127-3495, 128-8482, 128-8484, 128-8485, 128-8486,
128-8487, 128-8488, 128-8489, 128-8490, 134-4129, 144-9535, 145-5229, 146-3118,
146-5814, 148-2697, 150-2572, 157-1745, 160-0781, 165-6177, 167-0881, 188-2155,
280-3398, 285-5584, 302-4517, 302-6861, 303-4648, 305-2146 TIRE & RIM AR
AN ATTACHMENT

SMCS-4209

i02518240

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	123-5925	1	MOUNTING GP-RIM						443
Y	248-3277	4	RIM GP-DEMOUNTABLE						453
Y-SEPARATE ILLUSTRATION									

<END>

POWER TRAIN

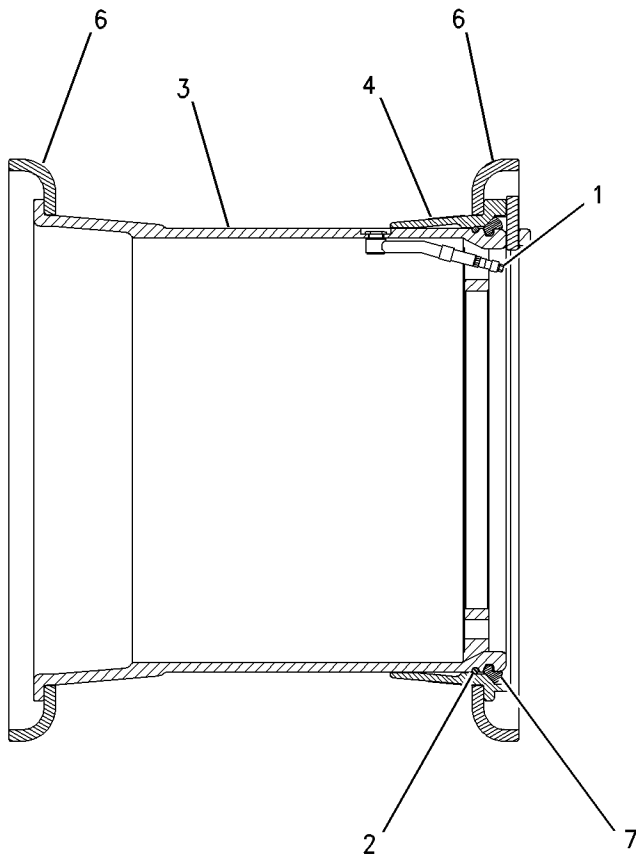
110-4603 RIM GP-DEMOUNTABLE

S/N: ASX1-UP
PART OF 123-5923 RIM AR
AN ATTACHMENT

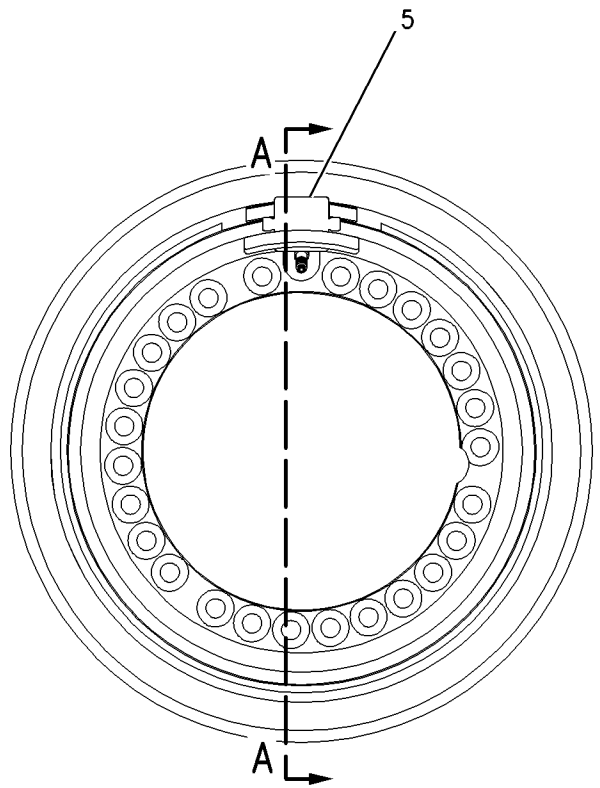
SMCS-4209

i01444248

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	146-6779	1	VALVE AS						
	2	1	2D-2443	1	SEAL-O-RING						
	3	1	110-4604	1	RIM AS						
	4	1	8W-9602	1	BAND AS						
	5	1	5T-5682	1	DRIVER						
	6	1	5K-4865	2	FLANGE						
	7	1	7D-7469	1	RING-LOCK						



SECTION A-A



FRONT VIEW

GRAPHIC #1

<END>

g00756380

POWER TRAIN

219 - 1449 RIM GP - DEMOUNTABLE

S/N: ASX1-UP

(25.5X25)

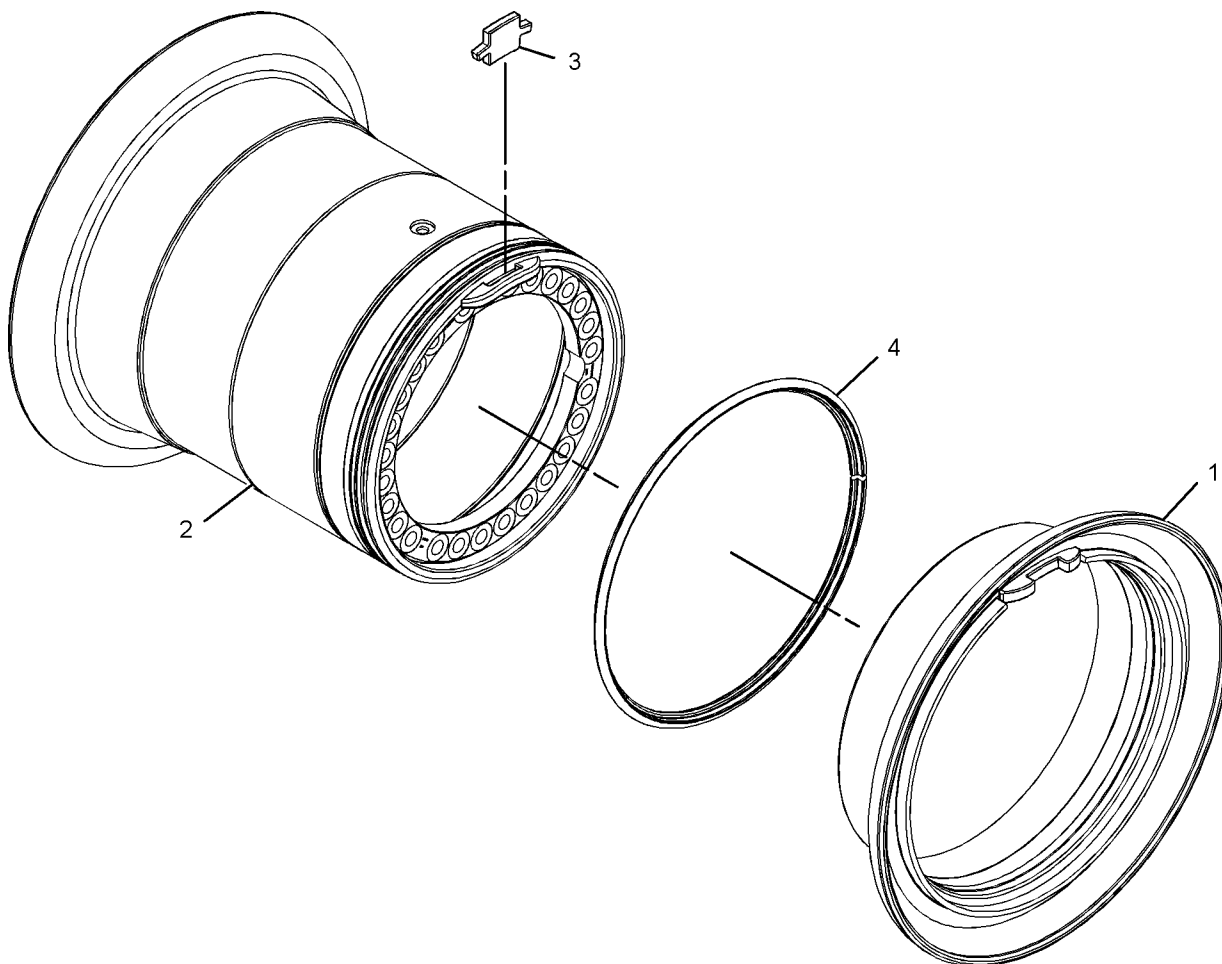
PART OF 248-3277 RIM GP - DEMOUNTABLE

AN ATTACHMENT

SMCS - 4209

i02331119

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	248-3275	1	FLANGE AS						
	2	1	248-3276	1	RIM AS (25X25)						
	3	1	5T-5682	1	DRIVER						
	4	1	7D-7469	1	RING-LOCK						



GRAPHIC #1

<END>

g01089204

POWER TRAIN

248 - 3277 RIM GP - DEMOUNTABLE

S/N: ASX1-UP
PART OF 123-5923 RIM AR
AN ATTACHMENT

SMCS - 4209

i02325541

NOTE	PART NUMBER	QTY	PART NAME	SEE PAGE
			1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	219-1449	1	RIM GP-DEMOUNTABLE	452
	2D-2443	1	SEAL-O-RING	
	146-6779	1	VALVE AS	
Y-SEPARATE ILLUSTRATION				
<END>				

POWER TRAIN

233-0175 SHAFT GP - DRIVE

S/N: ASX1-UP

PART OF 226-9591 POWER TRAIN AR

SMCS-3253

i02758377

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6W-4795	1	GUARD						
	2	1	8T-0336	1	FITTING-PRESSURE RELIEF						
	3	1	107-5002	1	CAGE-BEARING						
YR	4	1	107-5005	1	UNIVERSAL JOINT GP (FRONT)						469
YR	5	1	107-5006	1	UNIVERSAL JOINT GP (REAR)						470
	6	1	107-5610	1	YOKE-BRAKE						
	7	1	159-3945	1	BEARING						
	8	1	161-9918	1	RETAINER-BEARING						
Y	9	1	232-2622	1	UNIVERSAL JOINT GP (SLIP)						471
	10	1	234-6681	20	BOLT-12 POINT HEAD						
	11	1	3J-0634	1	SEAL-O-RING						
	12	1	5P-8432	1	SEAL-O-RING						
M	13	1	7X-2555	6	BOLT (M16X2X80-MM)						
M	14	1	8T-0362	1	BOLT (M20X2.5X110-MM)						
	15	1	8T-3007	2	SEAL-LIP TYPE						
	16	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
M	17	1	8T-4186	2	BOLT (M10X1.5X40-MM)						
	18	1	8V-5386	1	RETAINER						
	19	1	9X-8257	6	WASHER (17.5X30X3.5-MM THK)						

M-METRIC PART

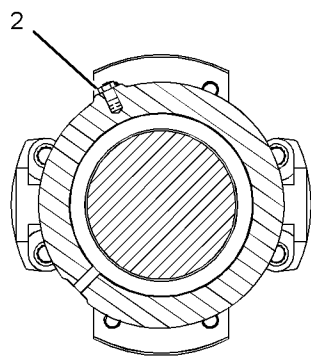
R-REMFG PART MAY BE AVAILABLE

Y-SEPARATE ILLUSTRATION

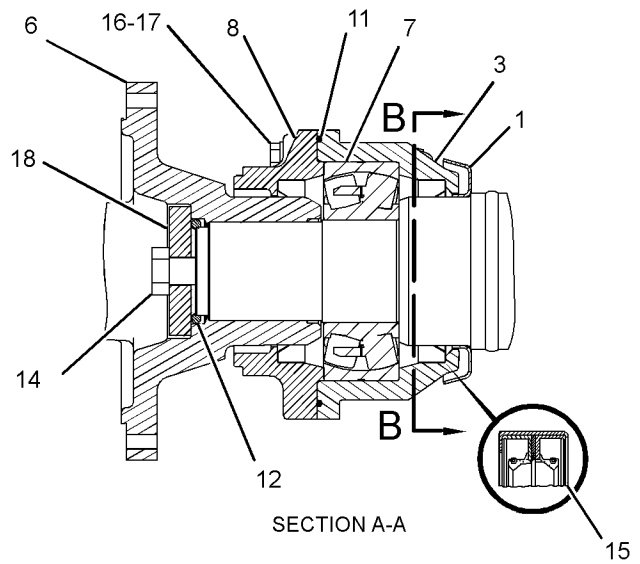
POWER TRAIN

233-0175 SHAFT GP-DRIVE (contd.)

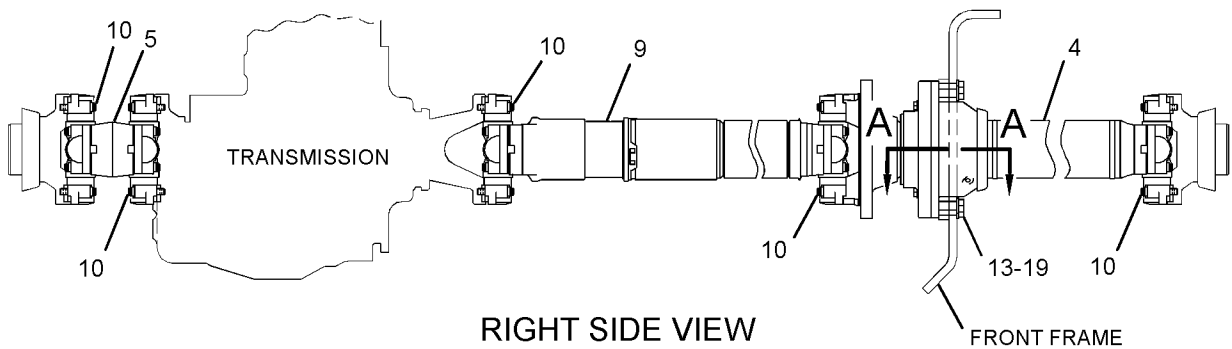
i02758377



SECTION B-B



SECTION A-A



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g01256053

POWER TRAIN

115-5005 TIRE & RIM AR

S/N: ASX1-UP
(29.5 R 25 * L-3)
AN ATTACHMENT

SMCS-4202

i02322267

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	123-5923	1	RIM AR						450
	4E-8170	4	TIRE (29.5-R25)						
Y-SEPARATE ILLUSTRATION									

115-5006 TIRE & RIM AR

S/N: ASX1-UP
(29.5 R 25 * L-2/3)
AN ATTACHMENT

SMCS-4202

i02322268

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	123-5923	1	RIM AR						450
	107-9048	4	TIRE (29.5-R25)						
Y-SEPARATE ILLUSTRATION									

127-3495 TIRE & RIM AR

S/N: ASX1-UP
29.5 R 25 * L-5
AN ATTACHMENT

SMCS-4202

i02322270

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	123-5923	1	RIM AR						450
	106-8180	4	TIRE (29.5-R25)						
Y-SEPARATE ILLUSTRATION									

128-8482 TIRE & RIM AR

S/N: ASX1-UP
(29.5-25 22 PR L-3)
AN ATTACHMENT

SMCS-4202

i02758492

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	123-5923	1	RIM AR						450
	128-8495	4	TIRE (29.5-25)						
Y-SEPARATE ILLUSTRATION									
<END>									

POWER TRAIN

128-8484 TIRE & RIM AR

S/N: ASX1-UP
(29.5-25 22 PR L-3)
AN ATTACHMENT

SMCS-4202

i02758496

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	123-5923	1	RIM AR						450
	128-8497	4	TIRE (29.5-25)						
Y-SEPARATE ILLUSTRATION									
<END>									

128-8485 TIRE & RIM AR

S/N: ASX1-UP
(29.5-25 22 PR L-4)
AN ATTACHMENT

SMCS-4202

i02758499

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	123-5923	1	RIM AR						450
	128-8498	4	TIRE (29.5-25)						
Y-SEPARATE ILLUSTRATION									

128-8486 TIRE & RIM AR

S/N: ASX1-UP
(29.5-25 22 PR L-4)
AN ATTACHMENT

SMCS-4202

i02758502

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	123-5923	1	RIM AR						450
	128-8499	4	TIRE (29.5-25)						
Y-SEPARATE ILLUSTRATION									

128-8487 TIRE & RIM AR

S/N: ASX1-UP
(29.5-25 22 PR L-4)
AN ATTACHMENT

SMCS-4202

i02758504

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	123-5923	1	RIM AR						450
	128-8500	4	TIRE (29.5-R25)						
Y-SEPARATE ILLUSTRATION									

POWER TRAIN

128-8488 TIRE & RIM AR

S/N: ASX1-UP
(29.5-25 22 PR L-5)
AN ATTACHMENT

SMCS-4202

i02758508

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	123-5923	1	RIM AR						450
	128-8492	4	TIRE (29.5-25)						
Y-SEPARATE ILLUSTRATION									
<END>									

128-8489 TIRE & RIM AR

S/N: ASX1-UP
(29.5-25 22 PR L-5)
AN ATTACHMENT

SMCS-4202

i02758511

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	123-5923	1	RIM AR						450
	128-8493	4	TIRE (29.5-25)						
Y-SEPARATE ILLUSTRATION									
									<END>

128-8490 TIRE & RIM AR

S/N: ASX1-UP
(29.5-25 22 PR L-5)
AN ATTACHMENT

SMCS-4202

i02758514

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	123-5923	1	RIM AR						450
	128-8494	4	TIRE (29.5-25)						
Y-SEPARATE ILLUSTRATION									

134-4129 TIRE & RIM AR

S/N: ASX1-UP
AN ATTACHMENT

SMCS-4202

i02283520

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	123-5923	1	RIM AR						450
	6W-8943	4	TIRE (29.5-25)						
Y-SEPARATE ILLUSTRATION									

POWER TRAIN

144-9535 TIRE & RIM AR

S/N: ASX1-UP
29.5-25 28 PR E-3
AN ATTACHMENT

SMCS-4202

i02758516

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	123-5923	1	RIM AR						450
	144-9536	4	TIRE (29.5-25)						
Y-SEPARATE ILLUSTRATION									
<END>									

145-5229 TIRE & RIM AR

S/N: ASX1-UP
29.5-25 28 PR L-5
AN ATTACHMENT

SMCS-4202

i02758517

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	123-5923	1	RIM AR						450
	145-5230	4	TIRE (29.5-25)						
Y-SEPARATE ILLUSTRATION									
<END>									

146-3118 TIRE & RIM AR

S/N: ASX1-UP
29.5-25 28 PR E-7
AN ATTACHMENT

SMCS-4202

i02758518

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	123-5923	1	RIM AR						450
	8R-6533	4	TIRE (29.5-25)						
Y-SEPARATE ILLUSTRATION									

146-5814 TIRE & RIM AR

S/N: ASX1-UP
29.5 R 25 * L-5
AN ATTACHMENT

SMCS-4202

i02758519

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	123-5923	1	RIM AR						450
	107-9189	4	TIRE (29.5-R25)						
Y-SEPARATE ILLUSTRATION									

POWER TRAIN

148-2697 TIRE & RIM AR

S/N: ASX1-UP
29.5-25 22 PR L-3
AN ATTACHMENT

SMCS-4202

i02759264

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	123-5923	1	RIM AR						450
	148-2695	4	TIRE (29.5-25)						
Y-SEPARATE ILLUSTRATION									
<END>									

150-2572 TIRE & RIM AR

S/N: ASX1-UP
29.5R 25 * E-4
AN ATTACHMENT

SMCS-4202

i02322299

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	123-5923	1	RIM AR						450
	119-3316	4	TIRE (29.5-R25)						
Y-SEPARATE ILLUSTRATION									

157-1745 TIRE & RIM AR

S/N: ASX1-UP
29.5 R 25 * L-4
AN ATTACHMENT

SMCS-4202

i02758521

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	123-5923	1	RIM AR						450
	157-1744	4	TIRE (29.5-R25)						
Y-SEPARATE ILLUSTRATION									

160-0781 TIRE & RIM AR

S/N: ASX1-UP
29.5-25 22 PR L-5
AN ATTACHMENT

SMCS-4202

i02759265

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	123-5923	1	RIM AR						450
	160-0780	4	TIRE (29.5-25)						
Y-SEPARATE ILLUSTRATION									

POWER TRAIN

165-6177 TIRE & RIM AR

S/N: ASX1-UP
29.5 R25 * L-3
AN ATTACHMENT

SMCS-4202

i02322246

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	123-5923	1	RIM AR						450
	165-6164	4	TIRE (29.5-R25)						
Y-SEPARATE ILLUSTRATION									

167-0881 TIRE & RIM AR

S/N: ASX1-UP
29.5-25 28 PR L-4
AN ATTACHMENT

SMCS-4202

i02759266

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	123-5923	1	RIM AR						450
	167-0880	4	TIRE (29.5-25)						
Y-SEPARATE ILLUSTRATION									

188-2155 TIRE & RIM AR

S/N: ASX1-UP
29.5R25 * L-3
AN ATTACHMENT

SMCS-4202

i02758531

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	123-5923	1	RIM AR						450
	188-2156	4	TIRE (29.5-R25)						
Y-SEPARATE ILLUSTRATION									
<END>									

280-3398 TIRE & RIM AR

S/N: ASX1-UP
AN ATTACHMENT

SMCS-4202

i02473487

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	123-5923	1	RIM AR						450
J	119-3316	2	TIRE (29.5-R25)						
L	280-2093	2	TIRE (29.5-R25)						
J - FRONT AXLE									
L - REAR AXLE									
Y-SEPARATE ILLUSTRATION									
<END>									

POWER TRAIN

285-5584 TIRE & RIM AR

S/N: ASX1-UP
AN ATTACHMENT

SMCS-4202

i02475173

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	123-5923	1	RIM AR						450
	285-5581	4	TIRE (29.5-R25)						
Y-SEPARATE ILLUSTRATION									
<END>									

302-4517 TIRE & RIM AR

S/N: ASX1-UP
AN ATTACHMENT

SMCS-4202

i02660381

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	123-5923	1	RIM AR						450
	297-8967	4	TIRE (29.5-R25)						
Y-SEPARATE ILLUSTRATION									

302-6861 TIRE & RIM AR

S/N: ASX1-UP
AN ATTACHMENT

SMCS-4202

i02660374

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	123-5923	1	RIM AR						450
	289-3402	4	TIRE (29.5-25)						
Y-SEPARATE ILLUSTRATION									

303-4648 TIRE & RIM AR

S/N: ASX1-UP
AN ATTACHMENT

SMCS-4202

i02683912

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	123-5923	1	RIM AR						450
	289-0530	4	TIRE (29.5-R25)						
Y-SEPARATE ILLUSTRATION									

POWER TRAIN

305-2146 TIRE & RIM AR

S/N: ASX1-UP

AN ATTACHMENT

SMCS-4202

i02683914

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	123-5923	1	RIM AR						450
	301-9259	4	TIRE (29.5-R25)						
Y-SEPARATE ILLUSTRATION									
<END>									

POWER TRAIN

230-6304 TORQUE CONVERTER & HOUSING GP

S/N: DRP1-UP

PART OF 229-8328 TRANSMISSION AR

SMCS-3101, 3105

i02274836

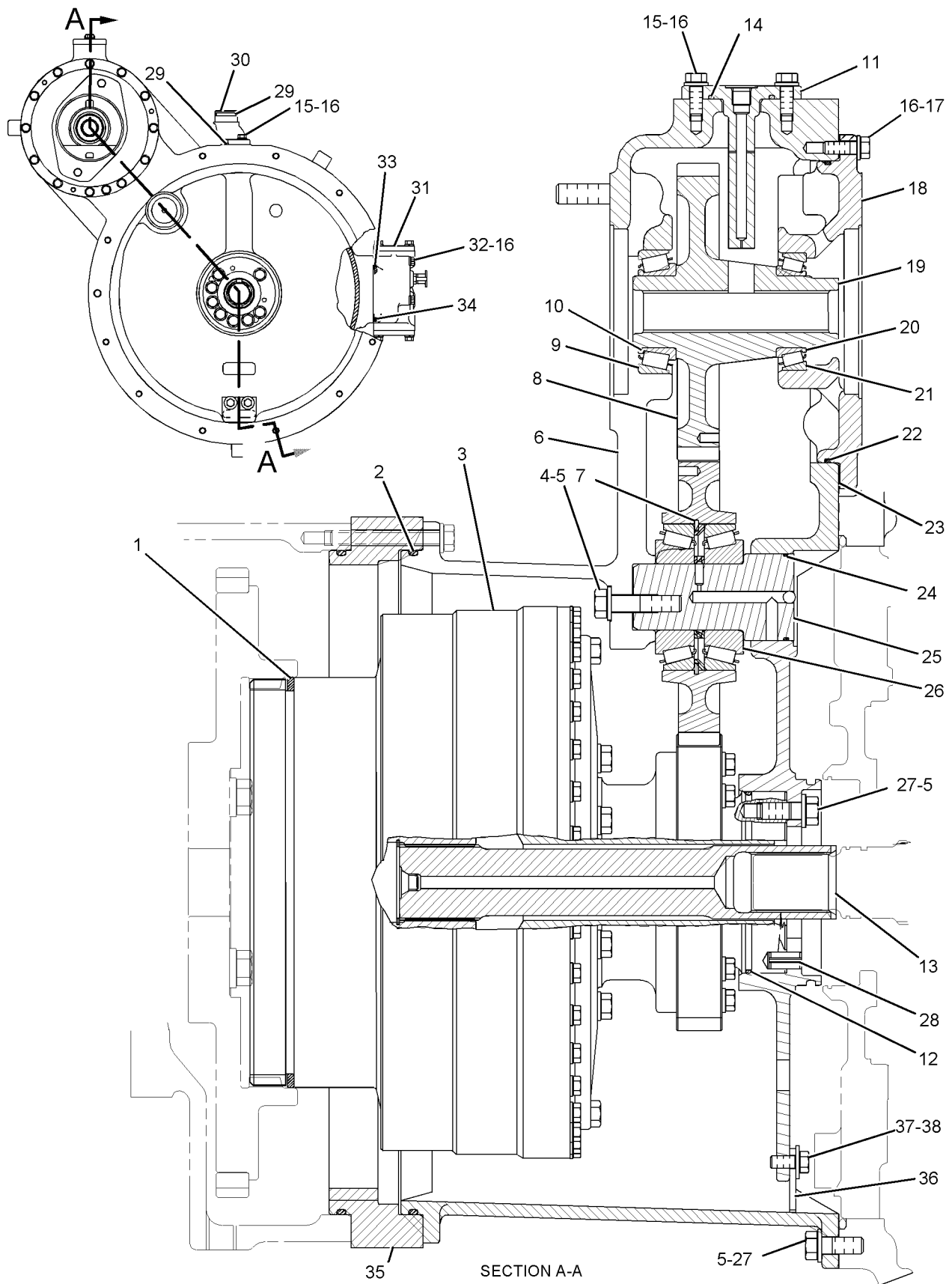
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1T-1639	1	RING						
	2	1	9H-0846	2	SEAL-O-RING						
Y	3	1	230-6303	1	TORQUE CONVERTER GP						466
	4	1	9X-8873	1	BOLT (1/2-13X2.25-IN)						
	5	1	5P-8245	9	WASHER-HARD (13.5X25.5X3-MM THK)						
	6	1	239-7220	1	COVER AS						
		1	2D-5238	2	STUD-TAPERLOCK (5/8-11X2.5-IN)						
	7	1	8M-0903	1	RING-RETAINING						
	8	1	105-0228	1	GEAR-IDLER (64-TEETH)						
	9	1	7J-8894	1	CUP-BEARING						
	10	1	7J-8893	1	CONE-BEARING						
	11	1	6T-0470	1	ADAPTER						
	12	1	2H-9247	1	SEAL-O-RING						
	13	1	6T-3709	1	SHAFT AS						
		1	5D-0302	1	PLUG-CORE						
	14	1	1H-9696	1	SEAL-O-RING						
	15	1	4L-6454	4	BOLT (3/8-16X1-IN)						
	16	1	8T-4896	20	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	17	1	8T-2502	13	BOLT (3/8-16X1.125-IN)						
	18	1	6P-6325	1	ADAPTER-PUMP						
	19	1	144-0214	1	GEAR-DRIVE (14-TEETH)						
	20	1	7K-5449	1	CONE-BEARING						
	21	1	7K-5448	1	CUP-BEARING						
	22	1	2M-0340	1	SEAL-O-RING						
B	23	1	6P-7767	1	SHIM PACK (INCLUDES 10-SHIMS)						
	24	1	8S-0768	1	SEAL-O-RING						
	25	1	6P-6326	1	SHAFT AS						
		1	4B-9782	1	BALL						
	26	1	2S-0679	1	BEARING AS-ROLLER						
	27	1	7B-3235	17	BOLT (1/2-13X1.375-IN)						
	28	1	1N-5981	2	PIN-SPRING						
	29	1	8M-4986	2	SEAL-O-RING						
	30	1	6P-5559	1	ELBOW						
Y	31	1	104-5013	1	VALVE GP-RELIEF (TORQUE CONVERTER OUTLET)						473
	32	1	7X-0290	3	BOLT (3/8-16X3.5-IN)						
	33	1	8J-4351	1	SEAL-O-RING						
	34	1	6V-4365	1	SEAL-O-RING						
	35	1	239-7218	1	SPACER						
	36	1	237-5613	1	PLATE						
	37	1	0L-1351	2	BOLT (3/8-16X0.875-IN)						
	38	1	9L-9132	2	WASHER (10.2X25.5X2.5-MM THK)						

B-USE AS REQUIRED
Y-SEPARATE ILLUSTRATION

POWER TRAIN

230-6304 TORQUE CONVERTER & HOUSING GP (contd.)

i02274836



GRAPHIC #1

<END>

g01035317

POWER TRAIN

230-6303 TORQUE CONVERTER GP

S/N: M8X1-UP

EXTENDED ROTATING HOUSING SPLINE

PART OF 230-6304 TORQUE CONVERTER & HOUSING GP

SMCS-3101

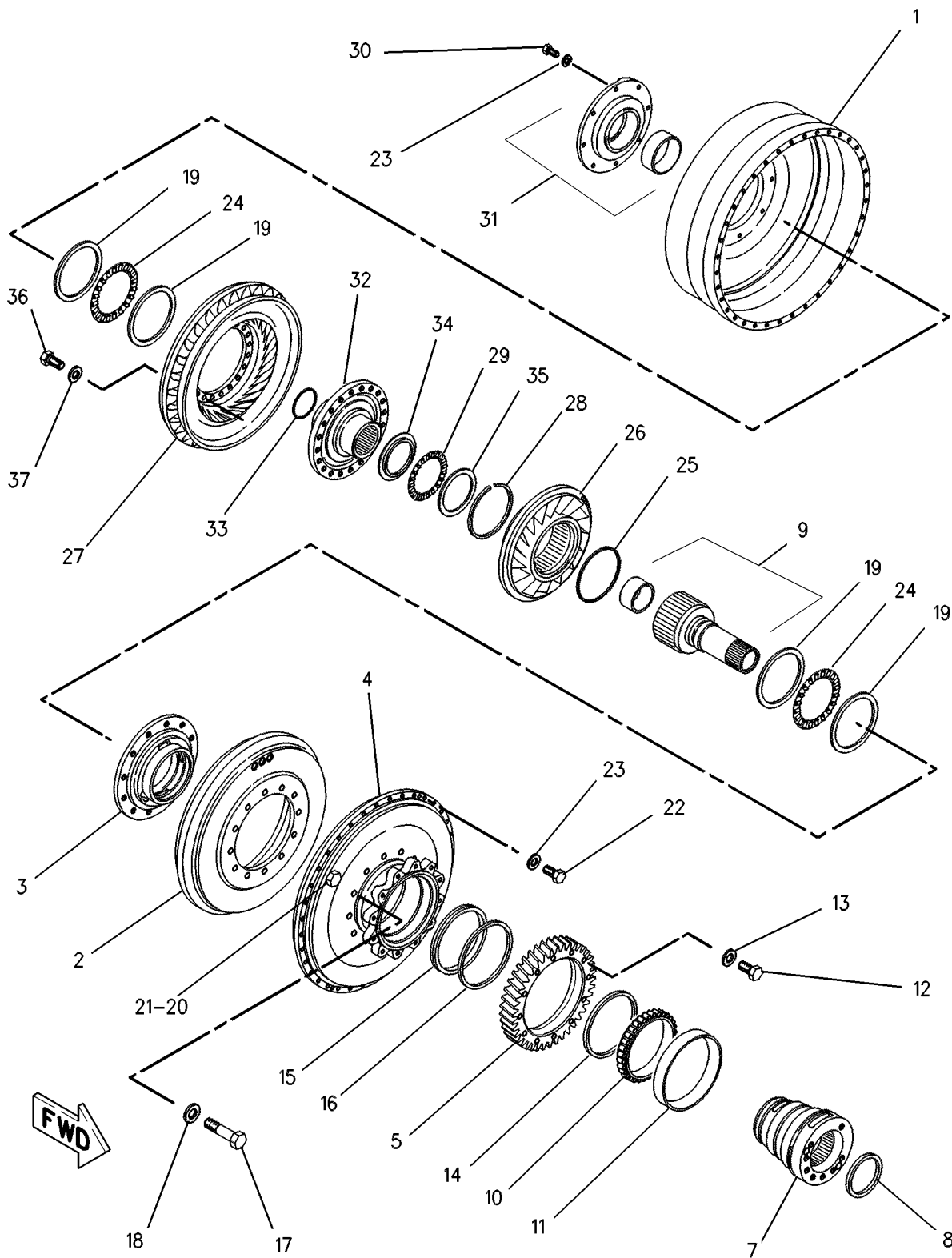
i01991863

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	230-6302	1	HOUSING-ROTATING						
	2	1	115-7783	1	IMPELLER-CONVERTER						
	3	1	9W-6434	1	HUB-IMPELLER						
	4	1	9W-6435	1	FLANGE-DRIVE						
	5	1	105-0226	1	GEAR-DRIVE (64-TEETH)						
	7	1	1T-1339	1	CARRIER-BEARING						
	8	1	1T-0649	1	RING-RETAINING						
	9	1	6P-6556	1	CARRIER AS						
		1	1T-0577	1	BEARING-SLEEVE						
	10	1	9S-5279	1	BEARING AS-ROLLER						
	11	1	5P-3867	1	RACE-BEARING OUTER						
	12	1	0L-2070	12	BOLT (3/8-16X2.25-IN)						
	13		5M-2894	12	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	14	1	6H-6043	1	RING-RETAINING						
	15	1	1T-1534	1	CARRIER-RING						
	16	1	6Y-5793	1	RING-SEAL						
	17	1	0T-0768	12	BOLT (7/16-14X1.75-IN)						
	18	1	5P-8244	12	WASHER-HARD (12X22.5X2.5-MM THK)						
	19	1	1T-0686	4	RACE-THRUST BEARING						
	20	1	9S-4191	2	PLUG-O RING						
	21	1	3J-1907	2	SEAL-O-RING						
	22	1	0S-1618	36	BOLT (5/16-18X1-IN)						
	23	1	9M-1974	44	WASHER-HARD (8.8X16X2-MM THK)						
	24	1	1T-0655	2	BEARING-THRUST						
	25	1	1T-0651	1	RING-RETAINING						
	26	1	118-5572	1	STATOR-CONVERTER						
	27	1	7G-7541	1	TURBINE-CONVERTER						
	28	1	8B-7789	1	RING-SNAP						
	29	1	1T-1078	1	BEARING-THRUST						
	30	1	2B-2695	8	BOLT (5/16-18X0.875-IN)						
	31	1	1T-0577	1	BEARING-SLEEVE						
		1	2P-5715	1	COVER						
	32	1	8P-0769	1	HUB						
	33	1	2D-1523	1	RING-RETAINING						
	34	1	1T-0762	1	RACE-THRUST BEARING						
	35	1	1T-0763	1	RACE-THRUST BEARING						
	36	1	0S-1594	20	BOLT (3/8-16X1-IN)						
	37	1	1T-0689	20	WASHER (9.93X22.22X2.54-MM THK)						

POWER TRAIN

230-6303 TORQUE CONVERTER GP (contd.)

i01991863



GRAPHIC #1

<END>

g00458789

POWER TRAIN

229-8328 TRANSMISSION AR

S/N: DRP1-UP

PART OF 226-9591 POWER TRAIN AR

SMCS-3030

i01985071

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	230-6317	1	CASE & PARTS GP-PLANETARY						408
Y	229-8336	1	CONTROL GP-TRANSMISSION HYD						409
Y	232-4688	1	GEAR GP-OUTPUT TRANSFER						432
Y	229-8334	1	PLANETARY GP-TRANSMISSION						444
Y	230-6304	1	TORQUE CONVERTER & HOUSING GP						464
Y-SEPARATE ILLUSTRATION									

<END>

POWER TRAIN

107-5005 UNIVERSAL JOINT GP-FRONT*R

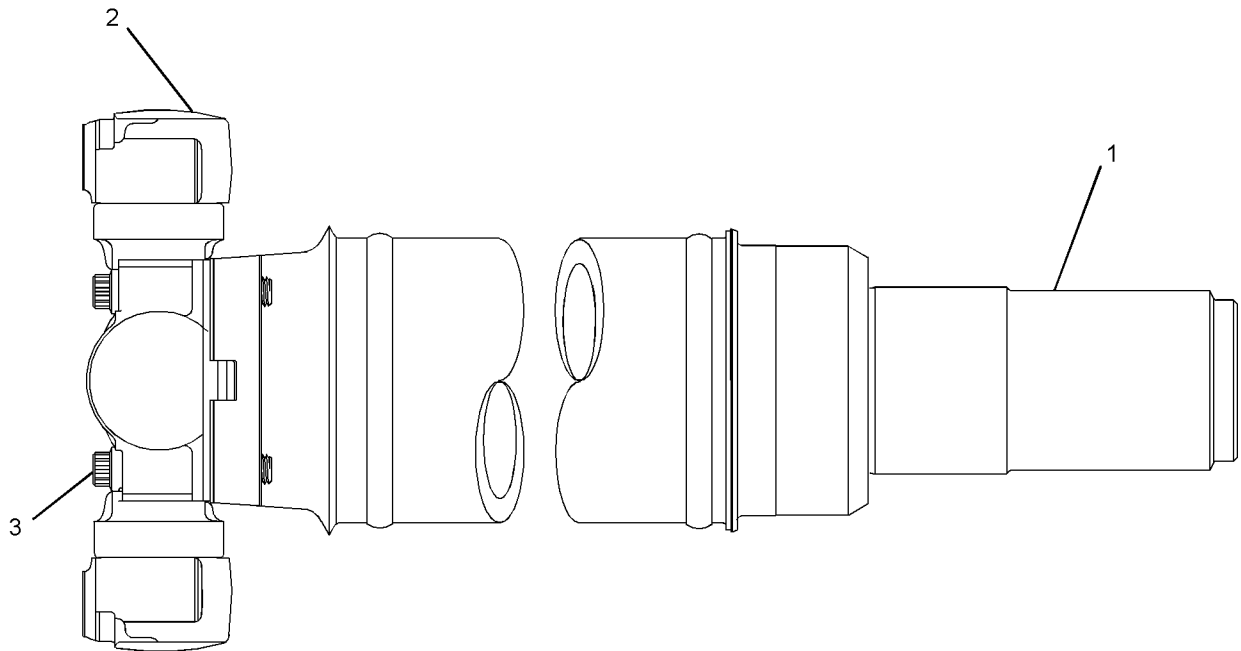
S/N: ASX1-UP

PART OF 233-0175 SHAFT GP-DRIVE

SMCS-3251, 3253

i02280871

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	107-5008	1	SHAFT						
	2	1	173-0888	1	UNIVERSAL JOINT GP-ROTOR DRIVE						
	3	1	234-6681	4	BOLT-12 POINT HEAD						



GRAPHIC #1

<END>

g01031409

POWER TRAIN

107-5006 UNIVERSAL JOINT GP-REAR*R

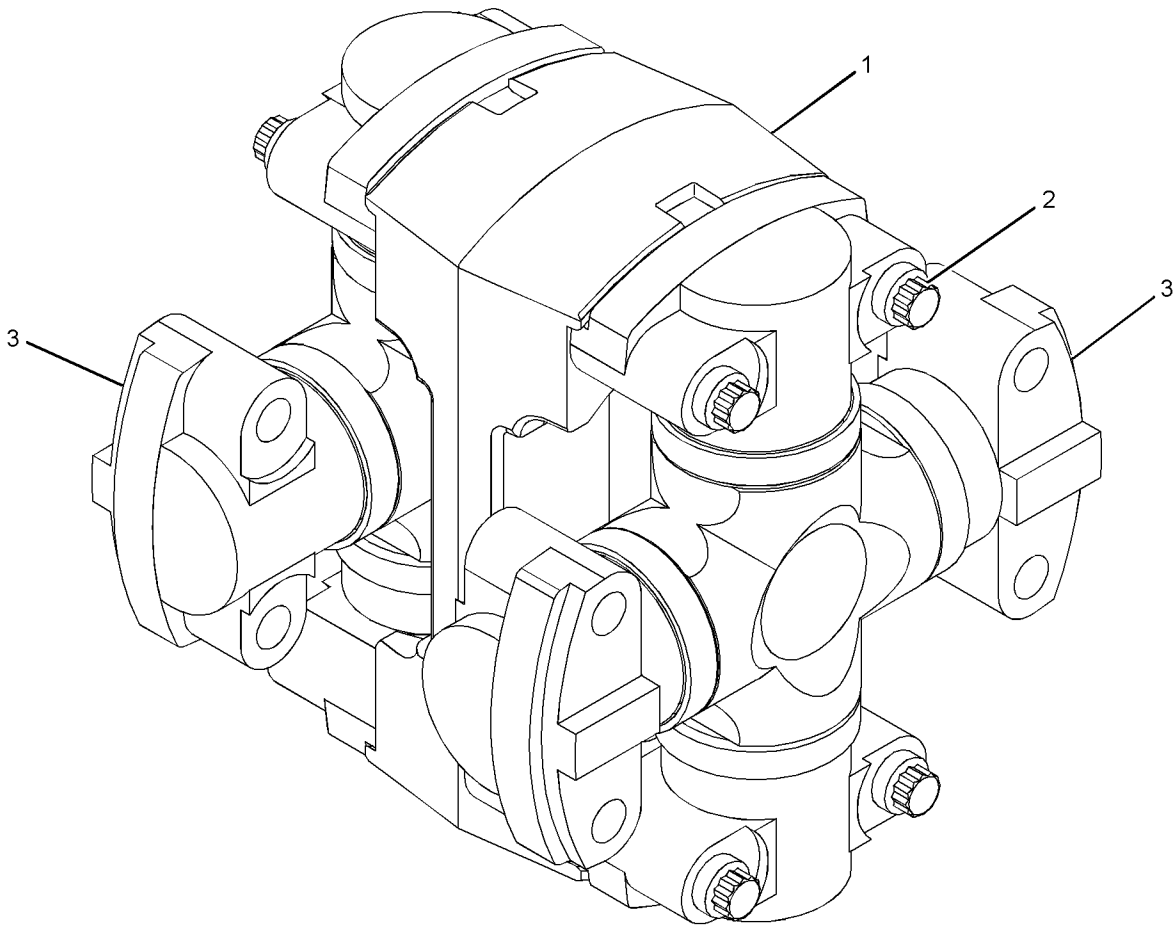
S/N: ASX1-UP

PART OF 233-0175 SHAFT GP-DRIVE

SMCS-3251, 3253

i02424925

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	107-5010	1	YOKE-COUPLING						
	2	1	234-6681	8	BOLT-12 POINT HEAD						
	3	1	173-0888	2	UNIVERSAL JOINT GP-ROTOR DRIVE						



GRAPHIC #1

<END>

g01232444

POWER TRAIN

232-2622 UNIVERSAL JOINT GP-SLIP

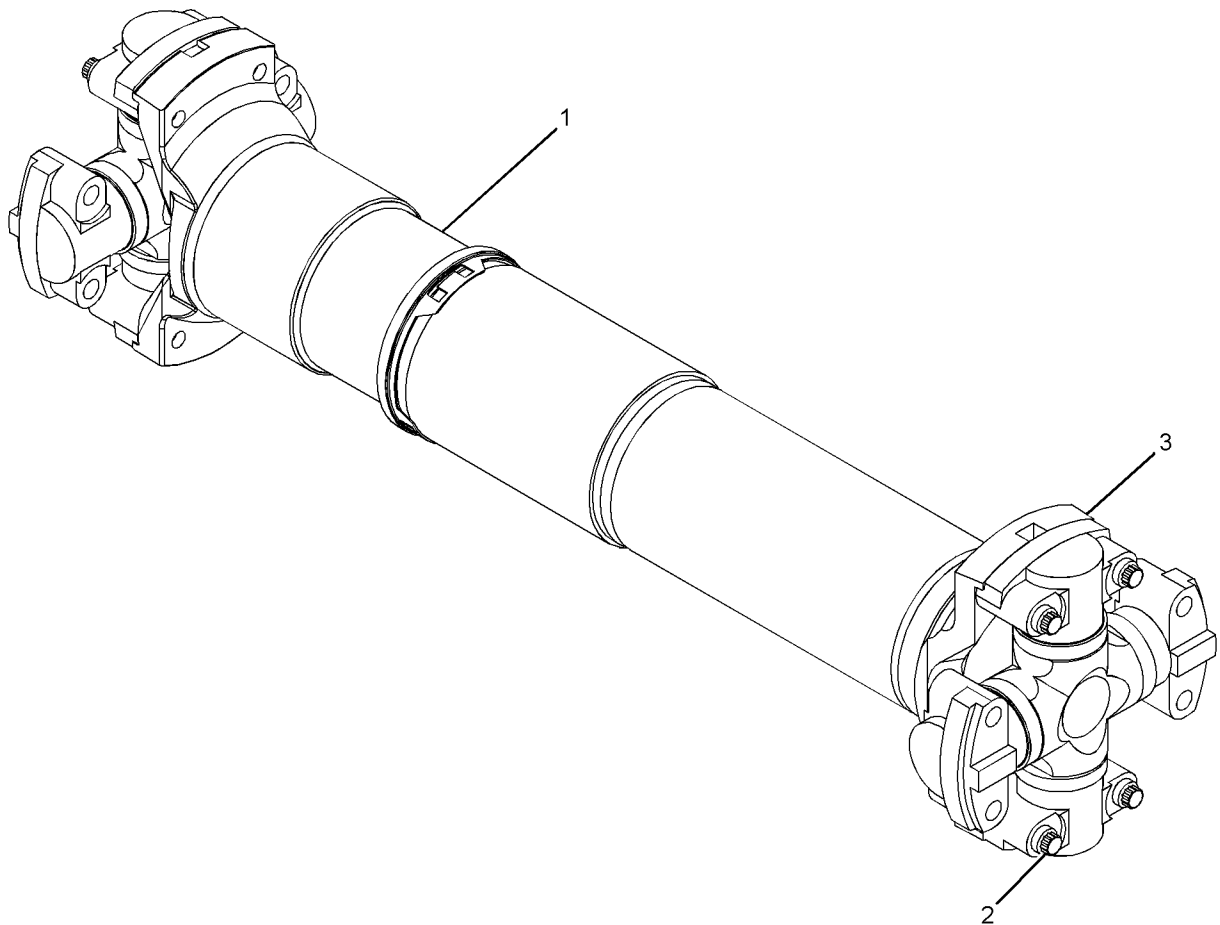
S/N: ASX1-UP

PART OF 233-0175 SHAFT GP-DRIVE

SMCS-3251, 3253

i02372235

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	232-2623	1	SHAFT AS						
		1	1K-6853	1	FITTING						
		1	9M-4107	1	KIT-SEAL (YOKE)						
					(INCLUDES SEAL, WASHERS & STUFFING CAP)						
		1	105-8049	1	CUP-DUST						
	2	1	234-6681	8	BOLT-12 POINT HEAD						
	3	1	173-0888	2	UNIVERSAL JOINT GP-ROTOR DRIVE						



GRAPHIC #1

<END>

g01283327

POWER TRAIN

244-3114 VALVE GP-MODULATING-TRANSMISSION CLUTCH

S/N: DRP1-UP

24-VOLT

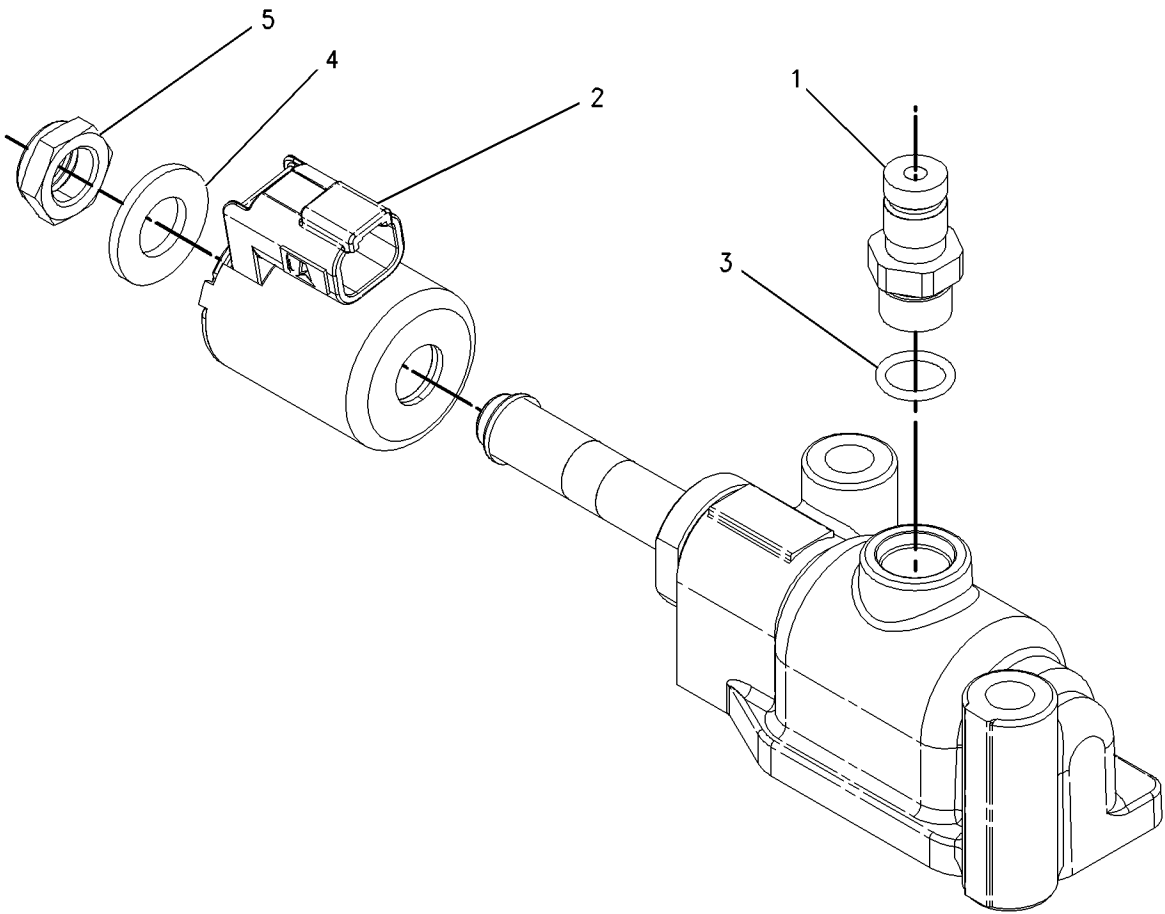
PART OF 229-8336 CONTROL GP-TRANSMISSION HYD

SMCS-3139

i02681336

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6V-3965	1	FITTING-COUPLER						
	2	1	226-9622	1	COIL AS (24-VOLT)						
	3	1	3J-1907	1	SEAL-O-RING						
	4	1	164-2108	1	WASHER (13.03X25.4X2.38-MM THK)						
	5	1	167-9524	1	NUT-SELF-LOCKING (1/2-28-THD)						

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



GRAPHIC #1

<END>

g00919065

POWER TRAIN

104-5013 VALVE GP-RELIEF-TORQUE CONVERTER OUTLET

S/N: DRP1-UP

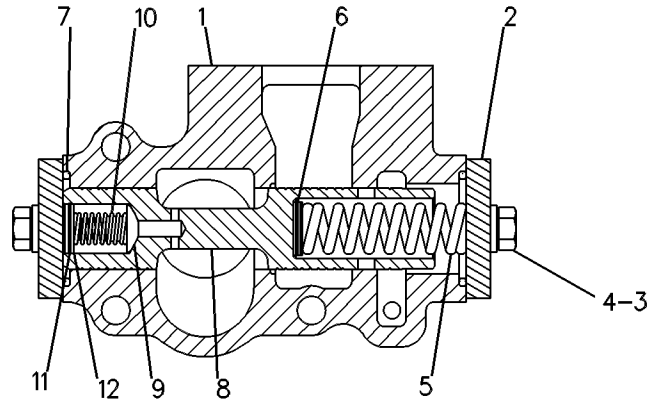
PART OF 230-6304 TORQUE CONVERTER & HOUSING GP

SMCS-3133, 3182, 3210, 3213

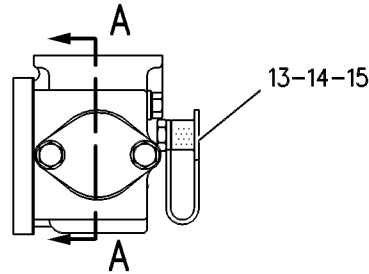
i00174173

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	104-5014	1	BODY-RELIEF VALVE						
	2	1	4M-8239	2	COVER						
	3	1	0S-1594	4	BOLT (3/8-16X1-IN)						
	4	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	5	1	8M-8627	1	SPRING						
B	6	1	5M-9622	2	SHIM (1.6-MM THK)						
B		1	5M-9623	3	SHIM (0.9-MM THK)						
B		1	5M-9624	1	SHIM (0.25-MM THK)						
	7	1	8M-4986	2	SEAL-O-RING						
	8	1	2P-4538	1	SPOOL AS-RELIEF						
	9	1	9M-4313	1	POPPET						
	10	1	5M-9548	1	SPRING						
	11	1	1L-3162	1	RING-RETAINING						
	12	1	8M-2537	1	RETAINER						
	13	1	6V-0852	1	CAP-DUST						
	14	1	3J-1907	1	SEAL-O-RING						
	15	1	6V-3965	1	FITTING-COUPLER						

B-USE AS REQUIRED



SECTION A-A



GRAPHIC #1

<END>

g00122362

POWER TRAIN

233 - 1759 VALVE GP - RELIEF - TRANSMISSION HYDRAULIC CONTROL

S/N: DRP1-UP

PART OF 229-8336 CONTROL GP-TRANSMISSION HYD

SMCS-3133, 3182, 3210, 3213

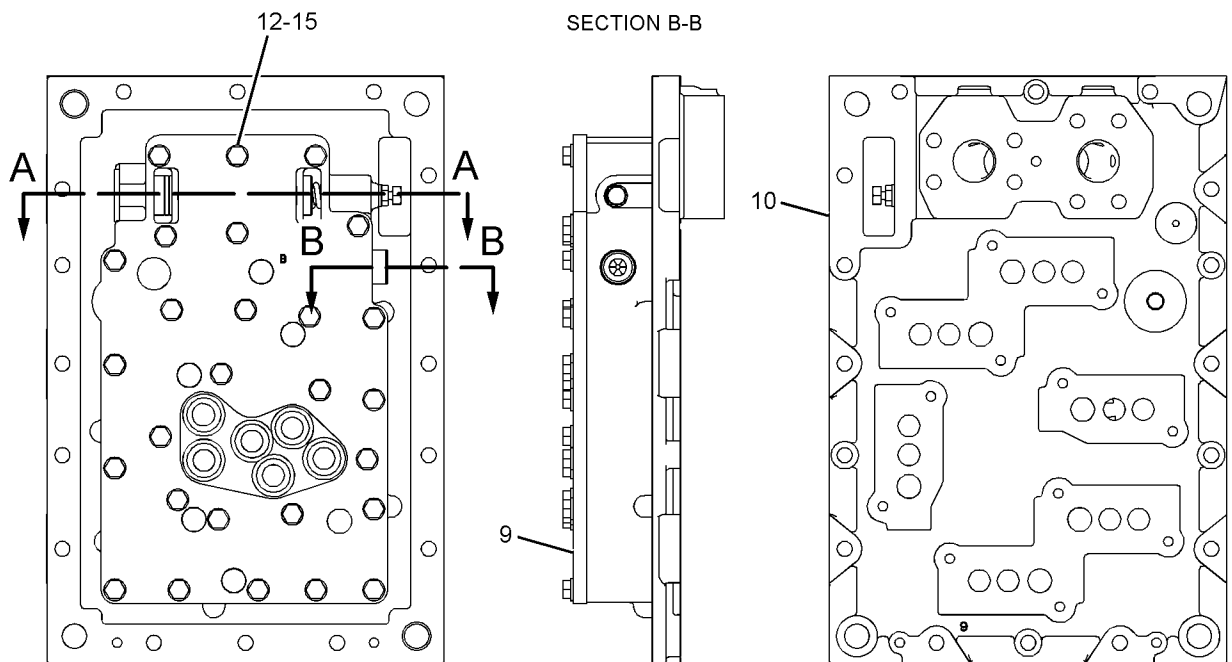
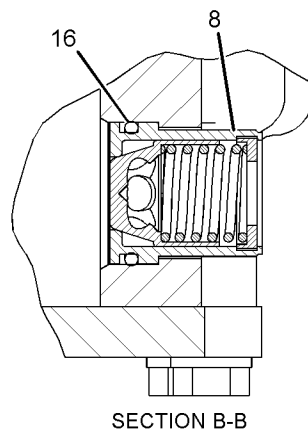
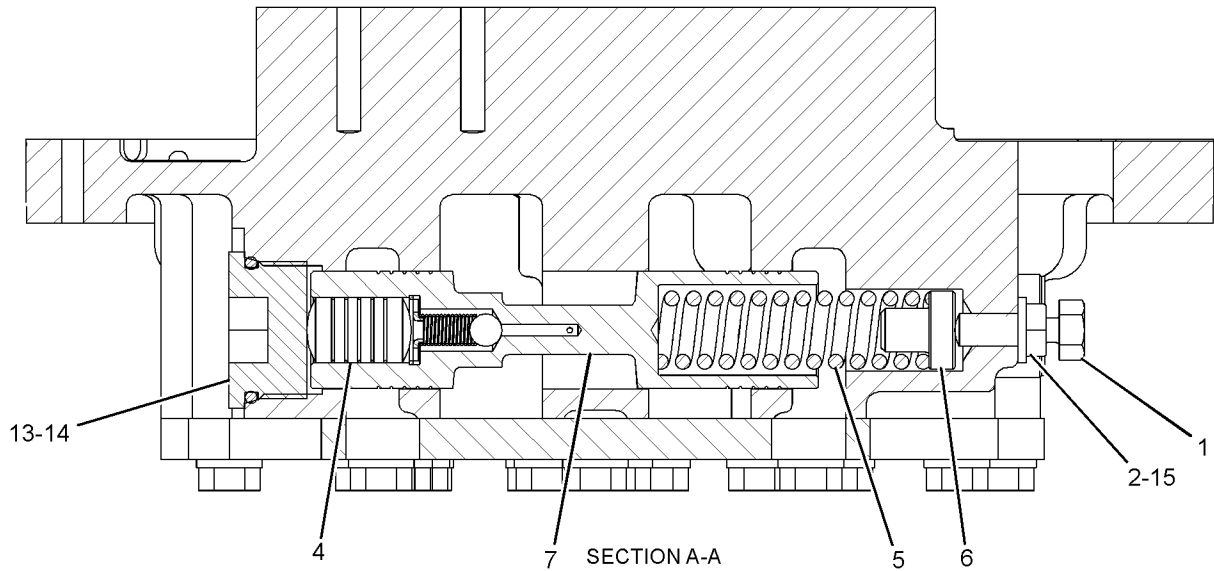
i02308502

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	4M-5905	1	SCREW-ADJUSTMENT (5/16-18X1-IN)	
	2	1	5B-3180	1	NUT (5/16-18-THD)	
	4	1	9W-5568	1	SLUG	
	5	1	106-9212	1	SPRING	
	6	1	109-3969	1	STOP	
	7	1	133-6567	1	SPOOL AS-RELIEF	
		1	3D-8317	1	RING-RETAINING	
		1	4B-9880	1	BALL	
		1	4M-2381	1	SPRING	
		1	8M-1013	1	RETAINER	
	8	1	148-1928	1	VALVE-RELIEF	
	9	1	231-4781	1	PLATE	
	10	1	231-4782	1	MANIFOLD	
M	12	1	6V-2317	27	BOLT (M8X1.25X30-MM)	
	13	1	6Y-4638	1	PLUG-HEX SOCKET (1-5/16-12-2A-THD)	
	14	1	7M-8485	1	SEAL-O-RING	
	15	1	9M-1974	28	WASHER-HARD (8.8X16X2-MM THK)	
	16	1	9X-4609	1	SEAL-O-RING	
M-METRIC PART						

POWER TRAIN

233-1759 VALVE GP-RELIEF (contd.)

i02308502



GRAPHIC #1

<END>

g01156243

POWER TRAIN

232-7554 WHEEL & FINAL DRIVE GP

S/N: ASX1-UP

PART OF 238-8562 AXLE AR-FIXED, 229-8208 AXLE AR-OSCILLATING

SMCS-4001, 4051

i02672638

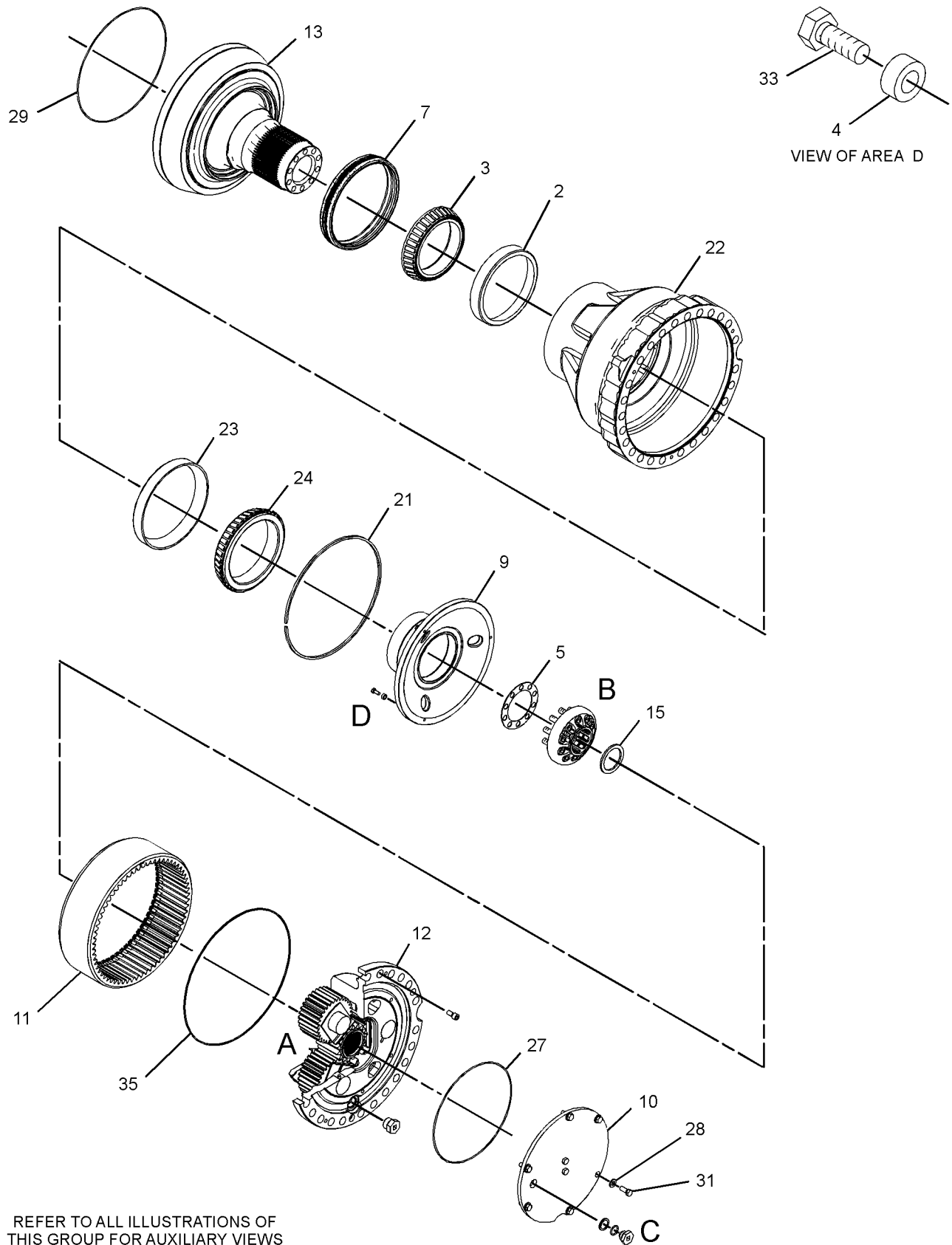
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	1S-3889	1	WASHER-PLUG						
	2	1	5F-2465	1	CUP-BEARING						
	3	1	7M-5334	1	CONE-BEARING						
	4	1	8E-9571	3	WASHER-HARD (8.8X16X7-MM THK)						
B	5	1	8K-0066	1	SHIM (0.112-IN THK)						
	6	2	8M-3837	1	PLUG-MAGNETIC						
	7	1	9G-5319	1	SEAL GP-DUO-CONE						
	8	2	109-9719	6	WASHER-THRUST						
	9	1	110-0551	1	HUB AS						
		1	8K-0079	1	BUSHING-TERMINAL						
	10	1	110-2055	1	COVER AS						
B		1	1U-8846	1	SEALANT-GASKET						
M		1	099-4691	2	BOLT-LOCKING (M12X1.75X25-MM)						
		1	109-7848	1	BUTTON						
	11	1	110-4802	1	GEAR-RING (64-TEETH)						
	12	1	129-3046	1	CARRIER-PLANETARY						
R	13	1	135-7742	1	SPINDLE						
	14	2	159-8169	3	GEAR-PLANETARY (22-TEETH)						
	15	1	163-4526	1	WASHER-THRUST (72.5X94X5-MM THK)						
	16	2	163-4527	1	PLATE-BEARING						
	17	2	197-4977	1	PLUG AS						
		2	5P-4483	1	PLUG (O-RING)						
		2	7M-8485	1	SEAL-O-RING						
	18	2	249-7870	1	GEAR-SUN (17-TEETH)						
	19	2	297-3030	3	SHAFT-PLANETARY						
	20	2	105-8743	3	BEARING-SLEEVE						
	21	1	108-0350	1	RING-RETAINING						
	22	1	129-3045	1	WHEEL						
	23	1	2D-6511	1	CUP-BEARING						
	24	1	2P-8353	1	CONE-BEARING						
	25	2	2S-0736	10	WASHER-HARD (17X27X3.5-MM THK)						
	26	2	5F-1678	1	SEAL-O-RING						
	27	1	5J-1086	1	SEAL-O-RING						
	28	1	5P-8245	6	WASHER-HARD (13.5X25.5X3-MM THK)						
	29	1	6D-0692	1	SEAL-O-RING						
	30	2	6T-5545	3	DOWEL						
M	31	1	6V-8097	6	BOLT (M12X1.75X30-MM)						
M	32	2	8T-2393	10	BOLT-SOCKET HEAD (M16X2X60-MM)						
M	33	1	8T-5091	3	BOLT (M8X1.25X20-MM)						
M	34	2	8T-8441	3	BOLT-SOCKET HEAD (M12X1.75X25-MM)						
	35	1	9X-3977	1	SEAL-RING						

B-USE AS REQUIRED
M-METRIC PART
R-REMFG PART MAY BE AVAILABLE

POWER TRAIN

232-7554 WHEEL & FINAL DRIVE GP (contd.)

i02672638



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

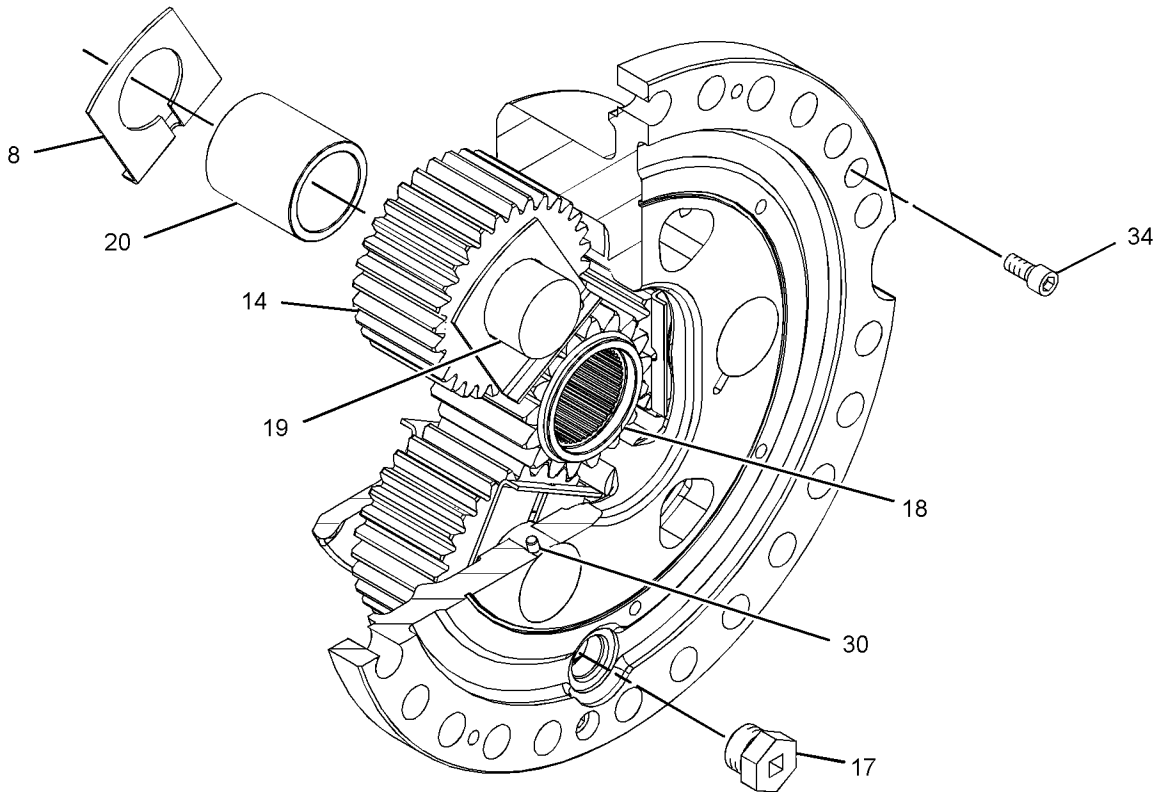
GRAPHIC #1

g01342909

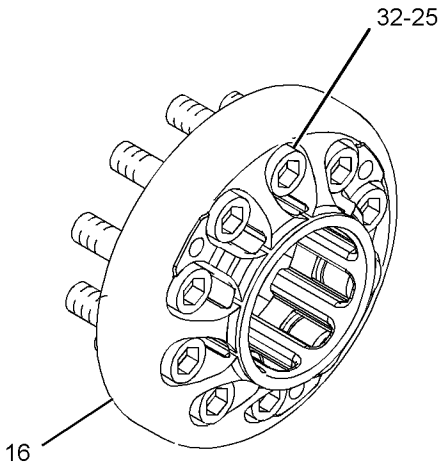
POWER TRAIN

232 - 7554 WHEEL & FINAL DRIVE GP (contd.)

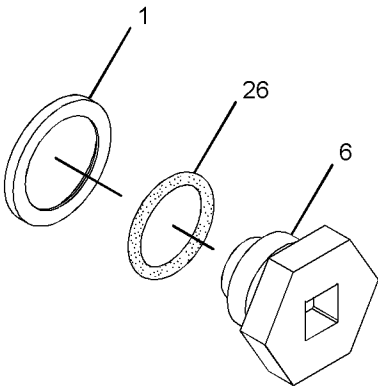
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VIEW OF AREA A



VIEW OF AREA B



VIEW OF AREA C

GRAPHIC #2

<END>

g01342994

FRAME AND BODY

227-2982 BUMPER GP-REAR

S/N: ASX1-UP

PART OF 226-9594, 300-6281 CHASSIS AR

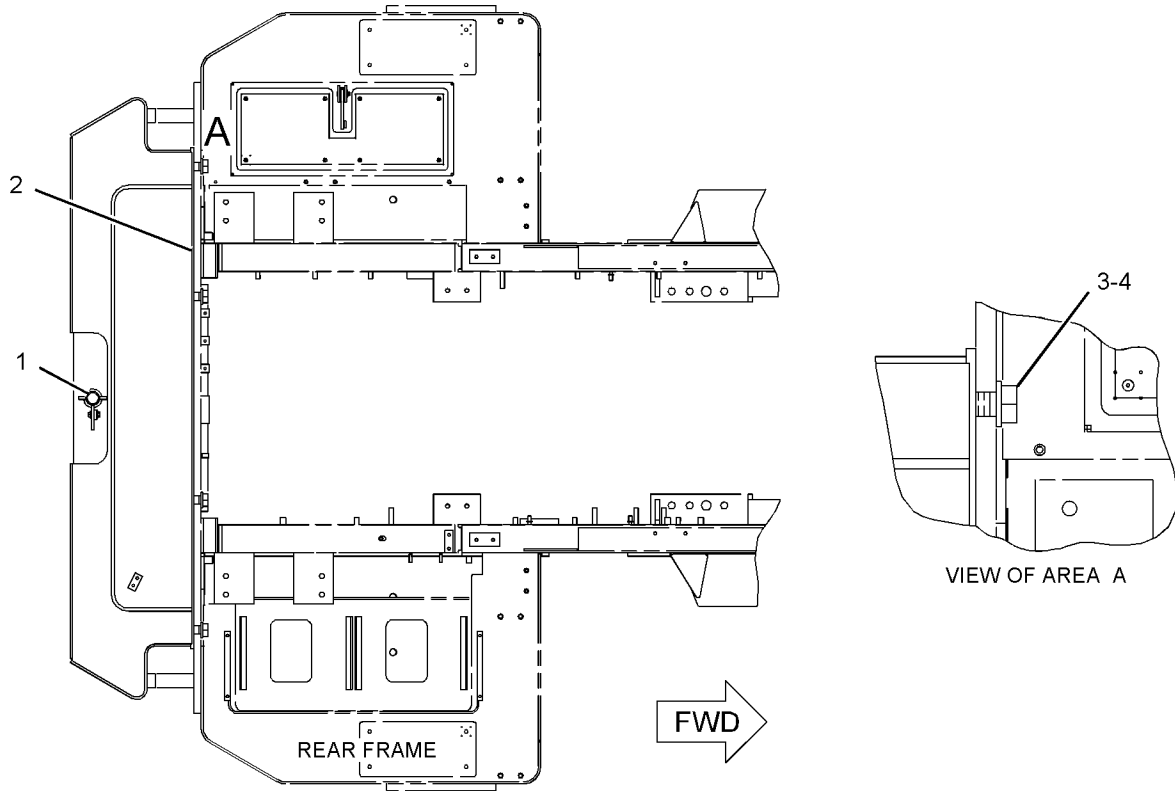
SMCS-7156

i01983959

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	190-7302	1	DRAWBAR GP						504
	2	1	230-1440	1	BUMPER AS						
M	3	1	8C-8723	6	BOLT (M30X3.5X80MM)						
	4	1	9X-8258	6	WASHER (33X56X6MM THK)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



TOP VIEW

<END>

GRAPHIC #1

g01028386

FRAME AND BODY

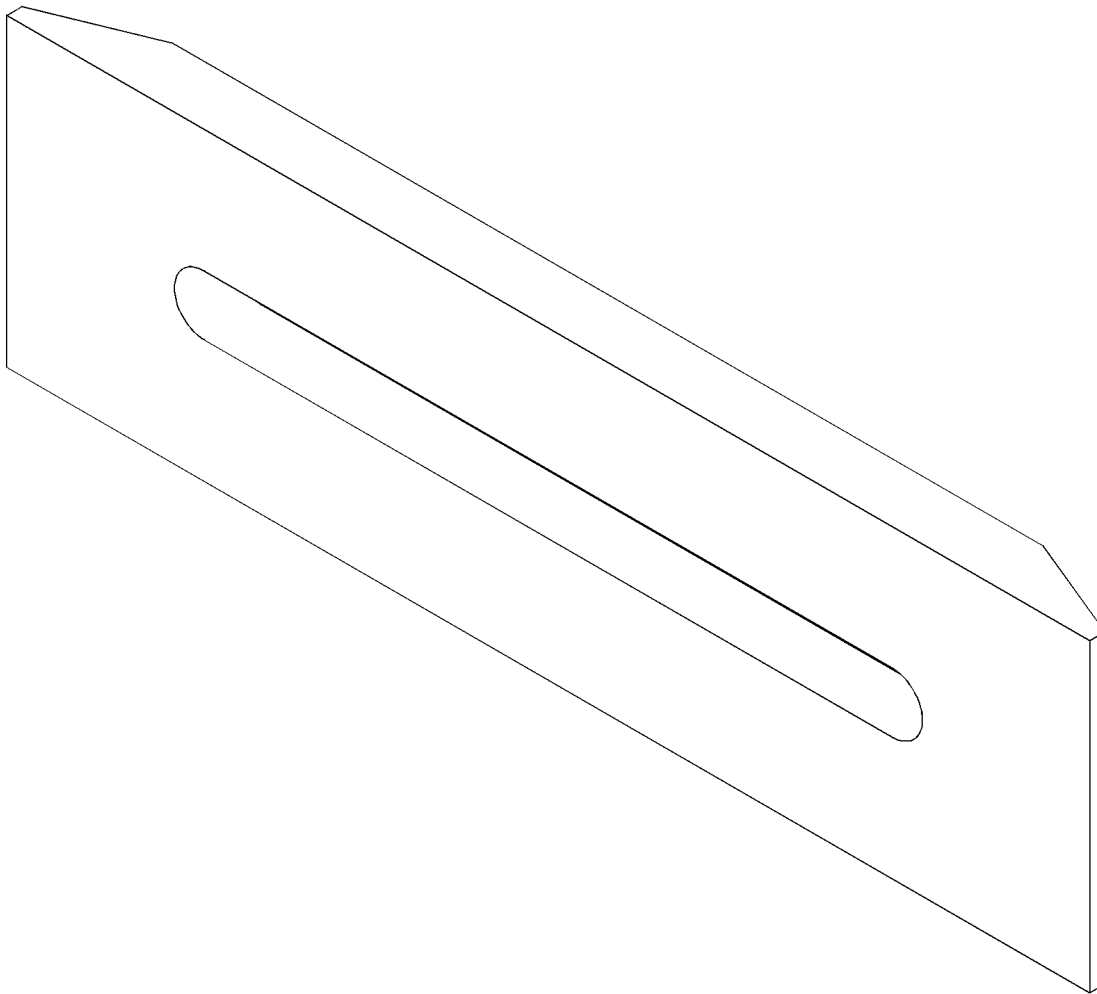
229-7050 CLEANER BAR

S/N: ASX1-UP
FIELD INSTALLATION

SMCS-7160

i02277568

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>

g01130048

FRAME AND BODY

116-7170 COUNTERWEIGHT GP

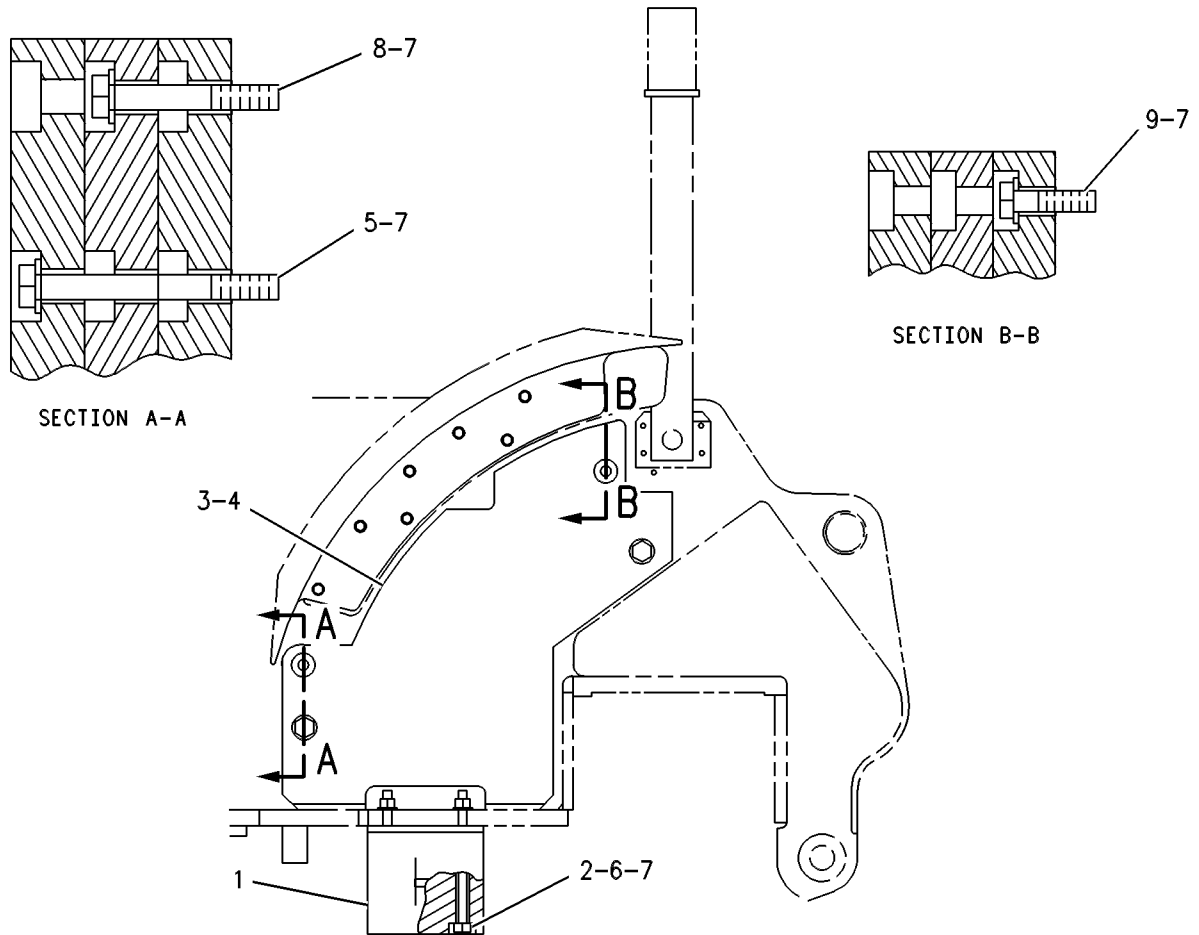
S/N: ASX1-UP

CANNOT BE USED WITH 131-2167-PAGE 524
AN ATTACHMENT

SMCS-7056

i00174123

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4E-0890	1	COUNTERWEIGHT						
M	2	1	127-4834	4	BOLT - HEX HEAD						
	3	1	128-0921	3	COUNTERWEIGHT - LH						
	4	1	128-0923	3	COUNTERWEIGHT - RH						
M	5	1	7X-2578	4	BOLT (M24X3X200MM)						
M	6	1	8T-4001	4	NUT (M24X3.00 THD)						
	7	1	8T-4167	16	WASHER (4MM THK)						
M	8	1	8T-4649	2	BOLT (M24X3X140MM)						
M	9	1	8T-5878	2	BOLT (M24X3X80MM)						
M-METRIC PART											



RIGHT SIDE VIEW

<END>

GRAPHIC #1

g00121586

FRAME AND BODY

269-0201 COVER GP-CONTROL VALVE

S/N: ASX1-UP

PART OF 226-9594, 300-6281 CHASSIS AR

SMCS-7150

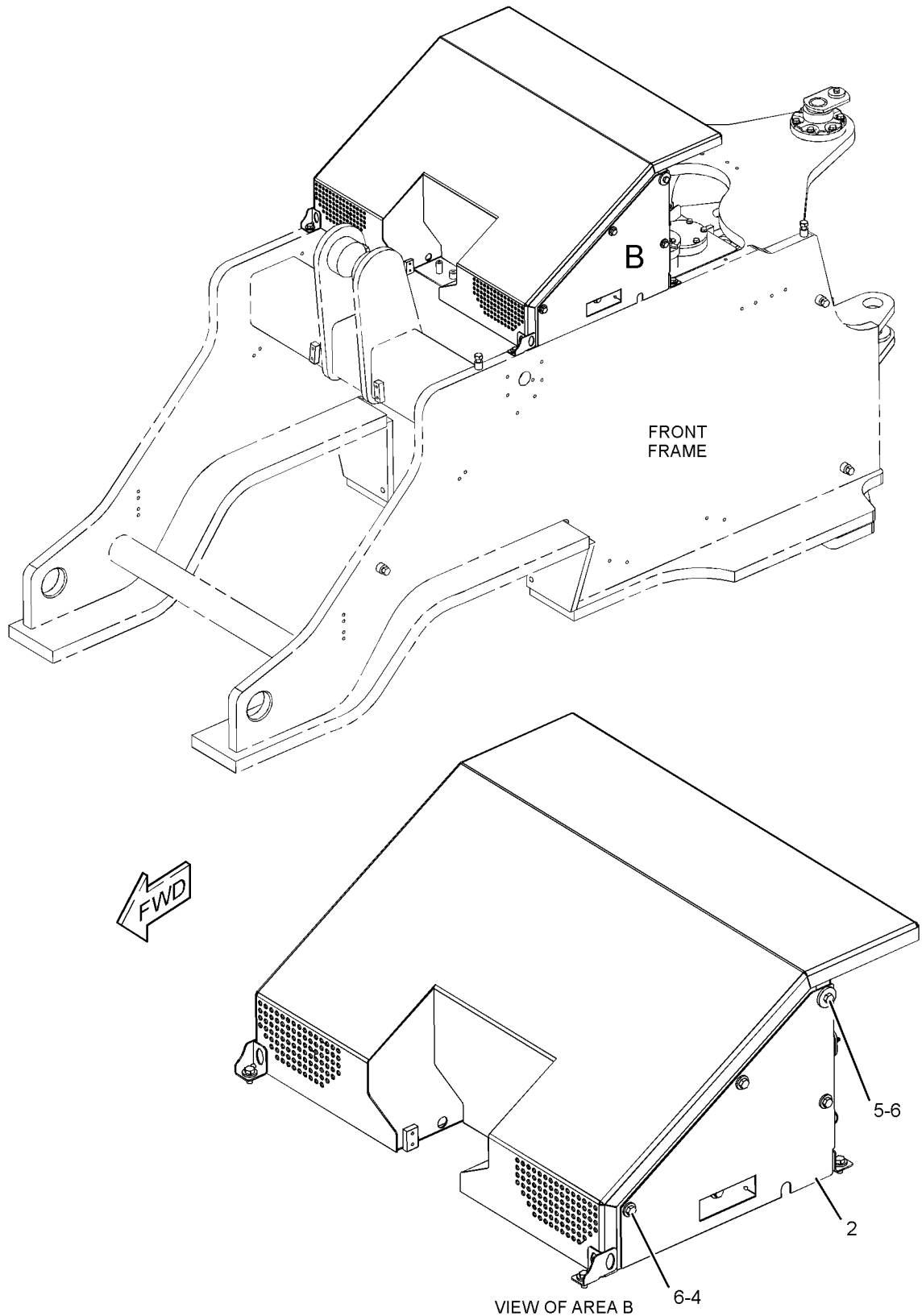
i02329946

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	2	121-0842	1	DOOR AS	
	2	1	121-0843	1	DOOR AS	
	3	2	269-0202	1	COVER AS	
M		2	9R-2640	2	BOSS (M12X1.75X25-MM)	
	4	1,2	5P-1076	13	WASHER-HARD (13.5X30X4-MM THK)	
	5	1,2	7X-0590	2	WASHER-HARD (13.5X44.5X6-MM THK)	
M	6	1,2	8T-4192	15	BOLT (M12X1.75X25-MM)	
M-METRIC PART						

FRAME AND BODY

269-0201 COVER GP-CONTROL VALVE (contd.)

i02329946



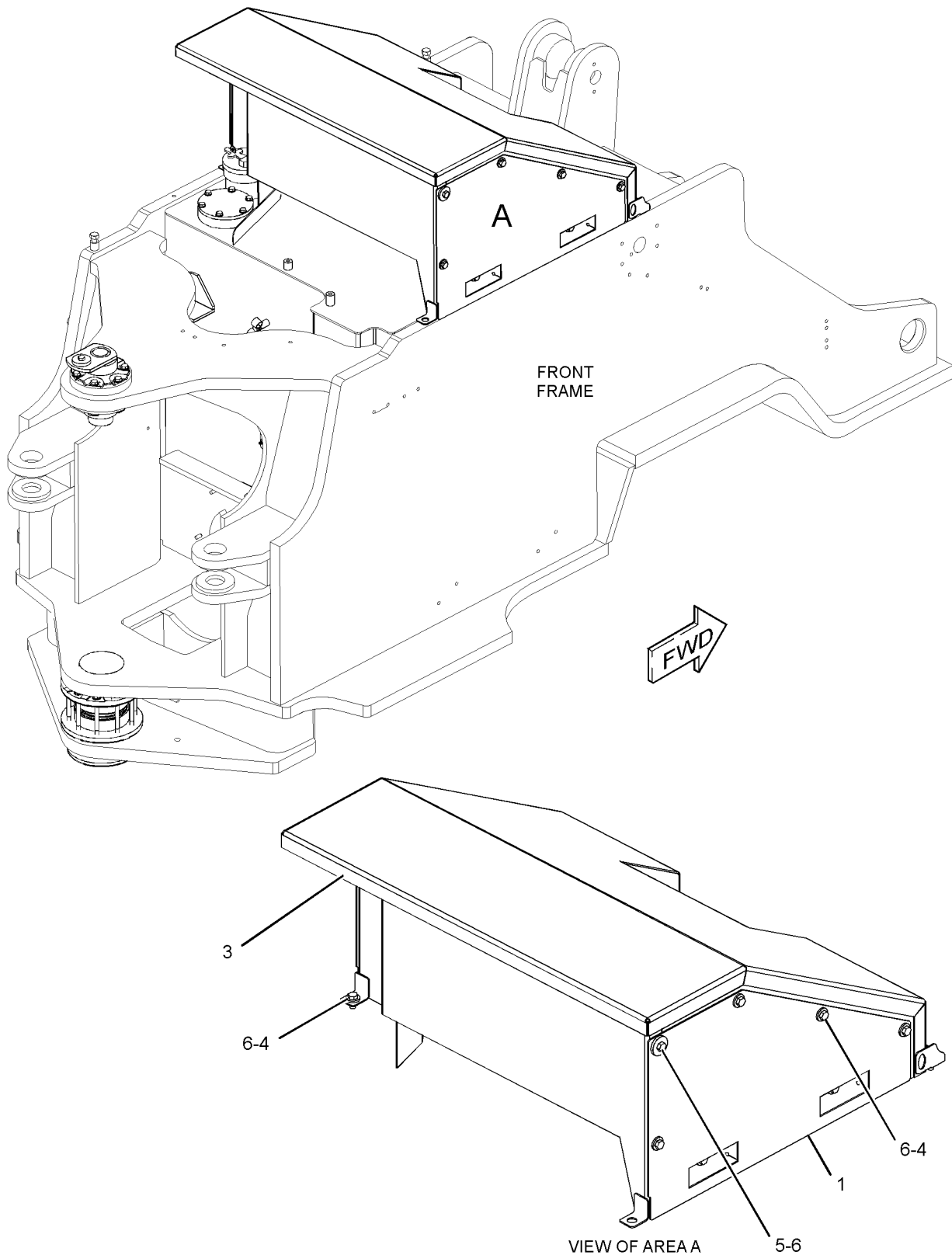
GRAPHIC #1

g01164048

FRAME AND BODY

269-0201 COVER GP-CONTROL VALVE (contd.)

i02329946



GRAPHIC #2

<END>

g01164046

FRAME AND BODY

227-4049 DOOR GP - ACCESS-HOOD, RH

S/N: ASX1-UP

PART OF 227-3116 HOOD GP

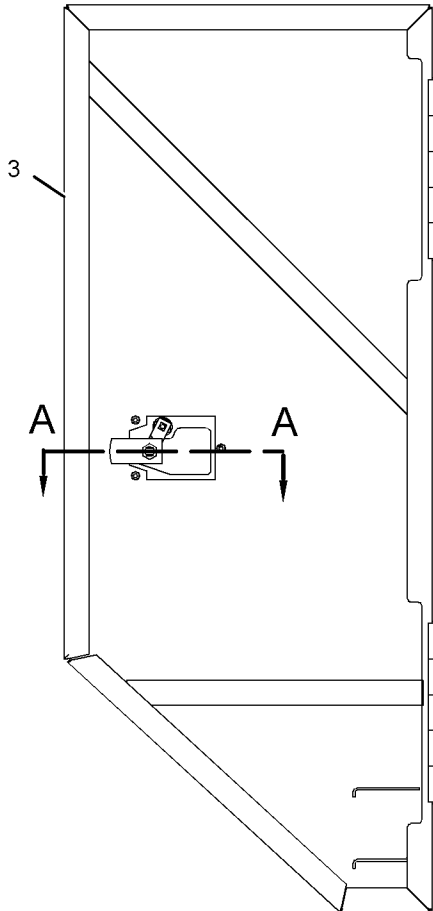
SMCS-7273

i02763822

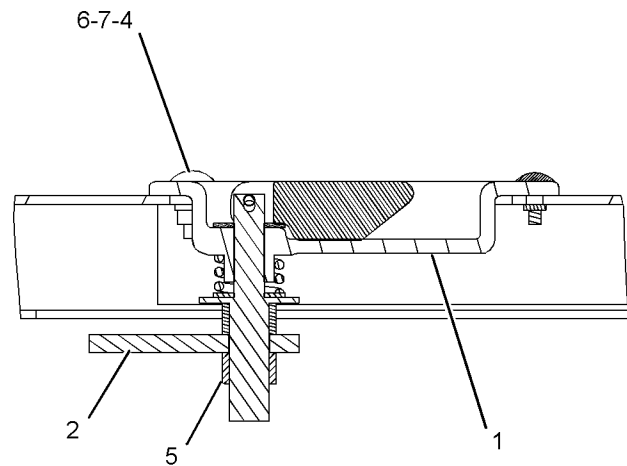
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
J	1	1	185-5277	1	LATCH AS	
	2	1	188-3551	1	PAWL	
	3	1	227-4050	1	DOOR AS (RH)	
		1	215-8146	2	HINGE AS	
M	4	1	131-3543	3	BOLT-ROUND HEAD (M6X1-6G-THD)	
M	5	1	139-6366	2	NUT (M14X2-THD)	
M	6	1	5C-2890	3	NUT (M6X1-THD)	
	7	1	9X-8256	3	WASHER (6.6X12X2-MM THK)	

J-REQUIRES CORPORATE KEY

M-METRIC PART



LEFT SIDE VIEW



SECTION A-A

GRAPHIC #1

<END>

g01381421

FRAME AND BODY

227-4052 DOOR GP - ACCESS-HOOD, LH

S/N: ASX1-UP

PART OF 227-3116 HOOD GP

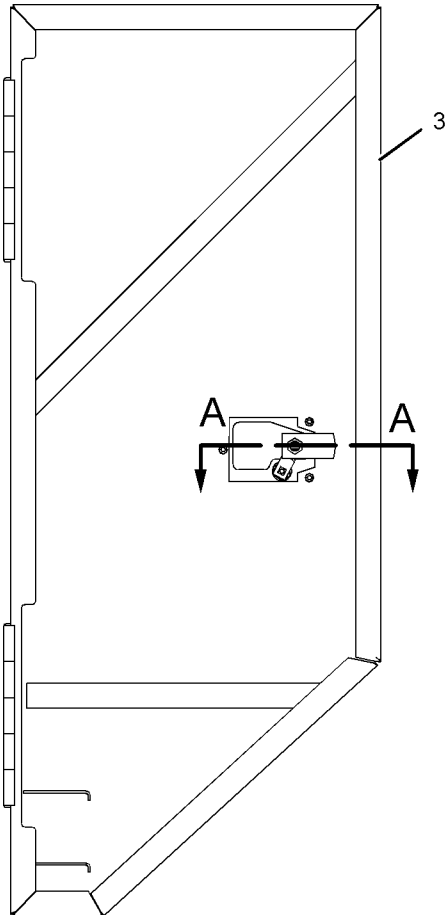
SMCS-7273

i02763823

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
J	1	1	185-5277	1	LATCH AS						
	2	1	188-3551	1	PAWL						
	3	1	227-4053	1	DOOR AS (LH)						
		1	215-8146	2	HINGE AS						
M	4	1	131-3543	3	BOLT-ROUND HEAD (M6X1-6G-THD)						
M	5	1	139-6366	2	NUT (M14X2-THD)						
M	6	1	5C-2890	3	NUT (M6X1-THD)						
	7	1	9X-8256	3	WASHER (6.6X12X2-MM THK)						

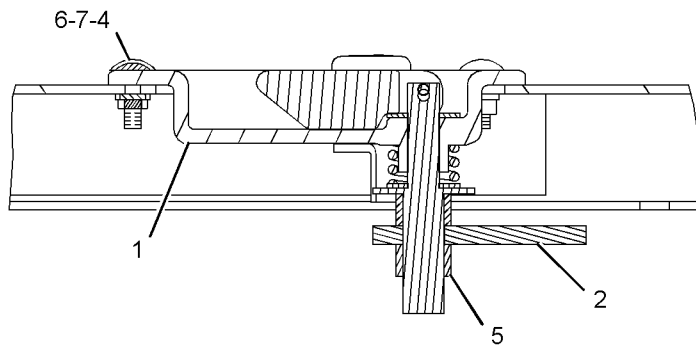
J-REQUIRES CORPORATE KEY

M-METRIC PART



LEFT SIDE VIEW

GRAPHIC #1



VIEW A-A

<END>

g01032632

FRAME AND BODY

228-3201 DOOR GP-ACCESS-RADIATOR GUARD SIDE, RH

S/N: ASX1-248

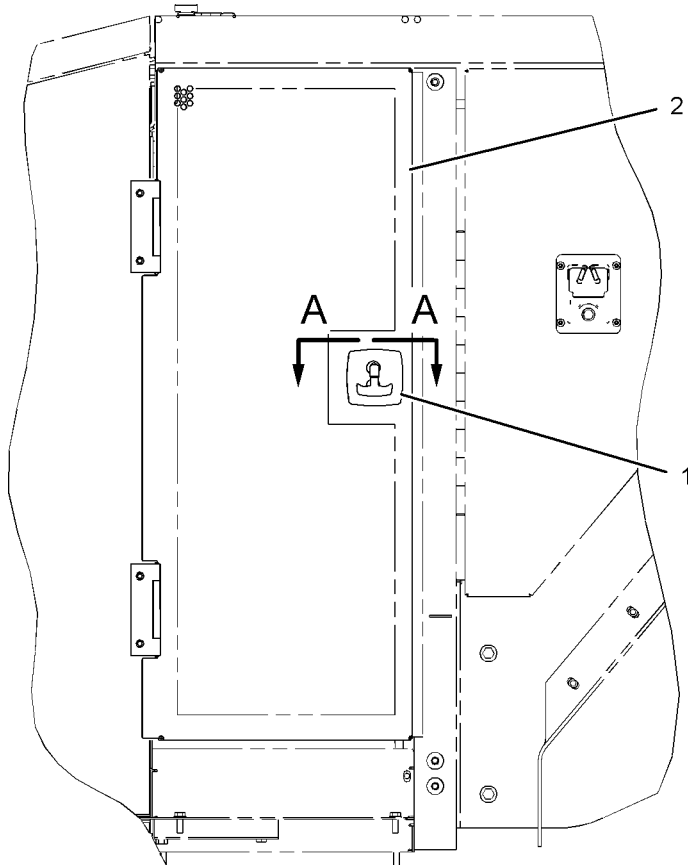
PART OF 227-3116 HOOD GP

SMCS-7273

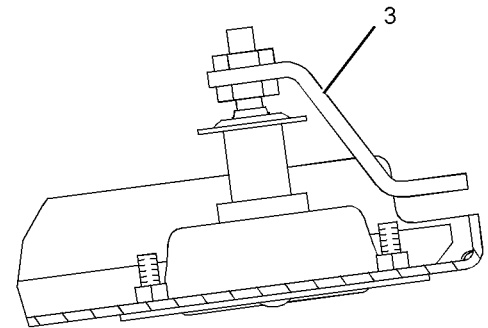
i02763824

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	177-1570	1	LATCH AS (MINI T)						
J		1	217-0733	1	LOCK AS						
	2	1	228-3202	1	DOOR AS (RH)						
M		1	8T-3490	4	NUT-WELD (M10X1.5-THD)						
		1	231-4734	2	HINGE AS						
	3	1	229-8408	1	PAWL (T-LATCH)						

J-REQUIRES CORPORATE KEY
M-METRIC PART



RIGHT SIDE VIEW



SECTION A-A

GRAPHIC #1

<END>

g01123425

FRAME AND BODY

228 - 3206 DOOR GP - ACCESS-HOOD TOP

S/N: ASX1-248

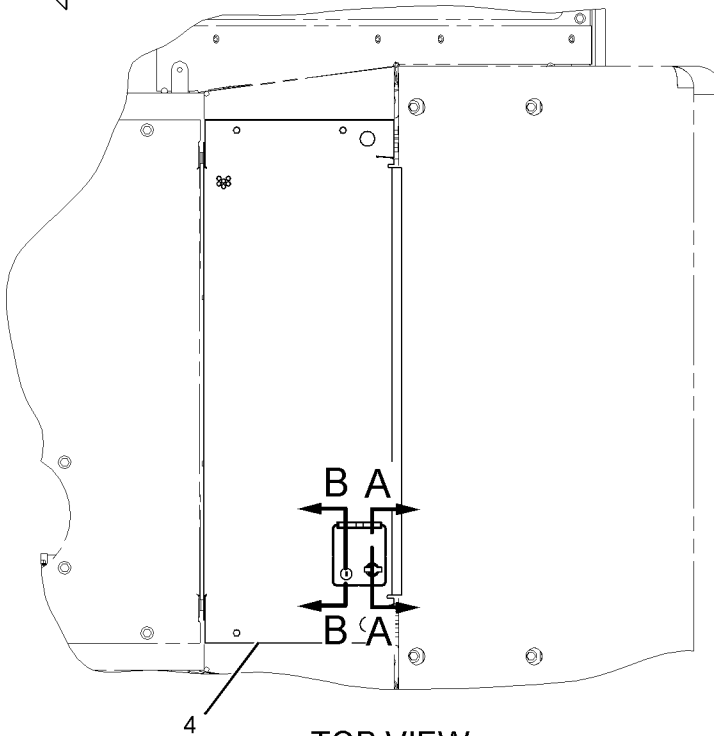
PART OF 227-3116 HOOD GP

SMCS-7273

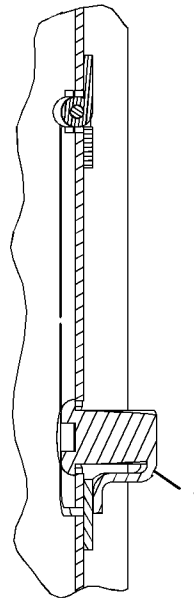
i02763826

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8C-3468	1	LOCK AS-CYLINDER						
J		1	226-0291	1	LOCK AS						
		1	226-0322	1	CAM-LOCK						
	2	1	125-8176	1	CAM-LATCH						
	3	1	174-6381	1	LATCH AS						
	4	1	216-6331	1	DOOR AS (TOP)						

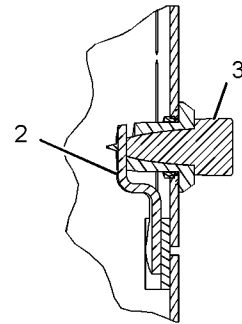
J - REQUIRES CORPORATE KEY



TOP VIEW



SECTION B-B



SECTION A-A

GRAPHIC #1

<END>

g01032648

FRAME AND BODY

228-3209 DOOR GP-ACCESS-RADIATOR GUARD SIDE, LH

S/N: ASX1-248

PART OF 227-3116 HOOD GP

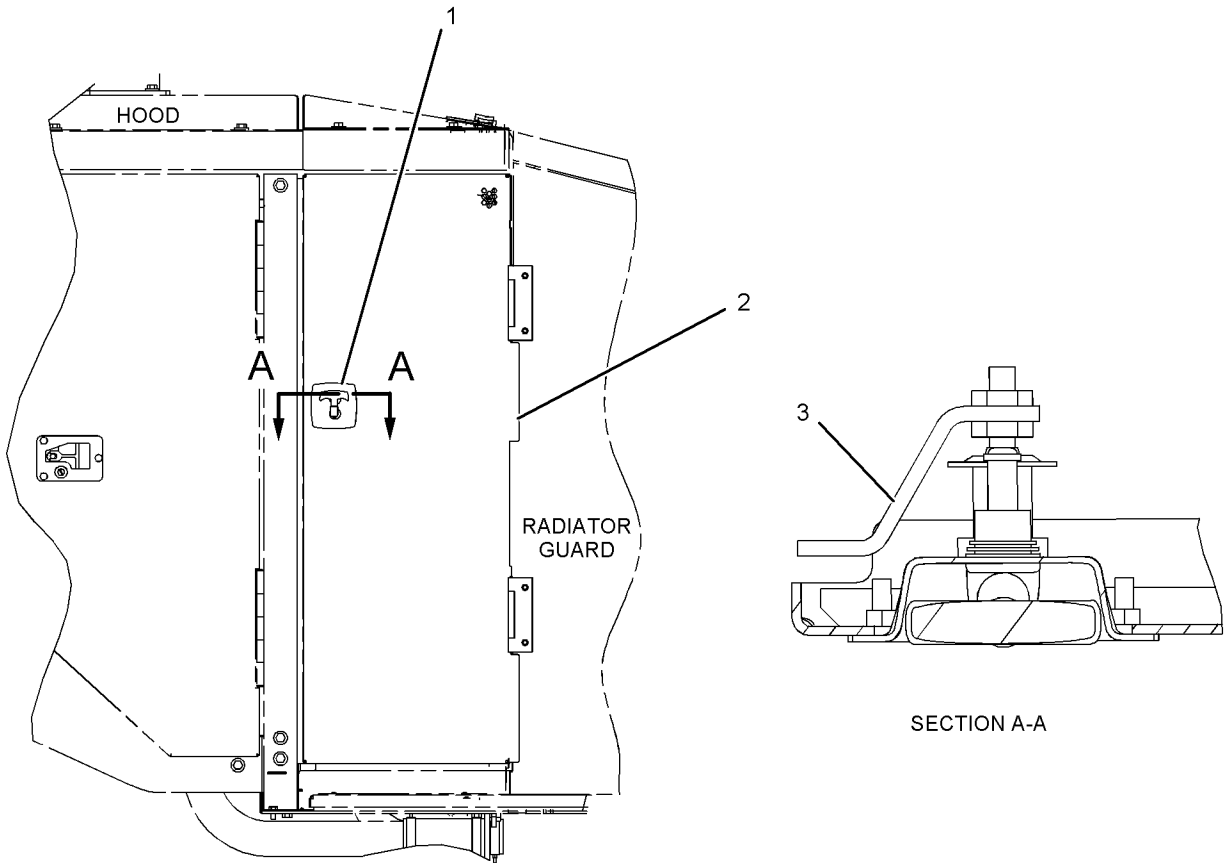
SMCS-7273

i02763827

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	177-1570	1	LATCH AS (MINI T)						
J		1	217-0733	1	LOCK AS						
	2	1	228-3211	1	DOOR AS (LH) (LH)						
M		1	8T-3490	4	NUT-WELD (M10X1.5-THD)						
		1	231-4734	2	HINGE AS						
	3	1	229-8408	1	PAWL (T-LATCH)						

J-REQUIRES CORPORATE KEY

M-METRIC PART



LEFT SIDE VIEW

GRAPHIC #1

<END>

g01031854

FRAME AND BODY

228-3734 DOOR GP-ACCESS-HOOD FRONT, LH

S/N: ASX1-UP

PART OF 227-3116 HOOD GP

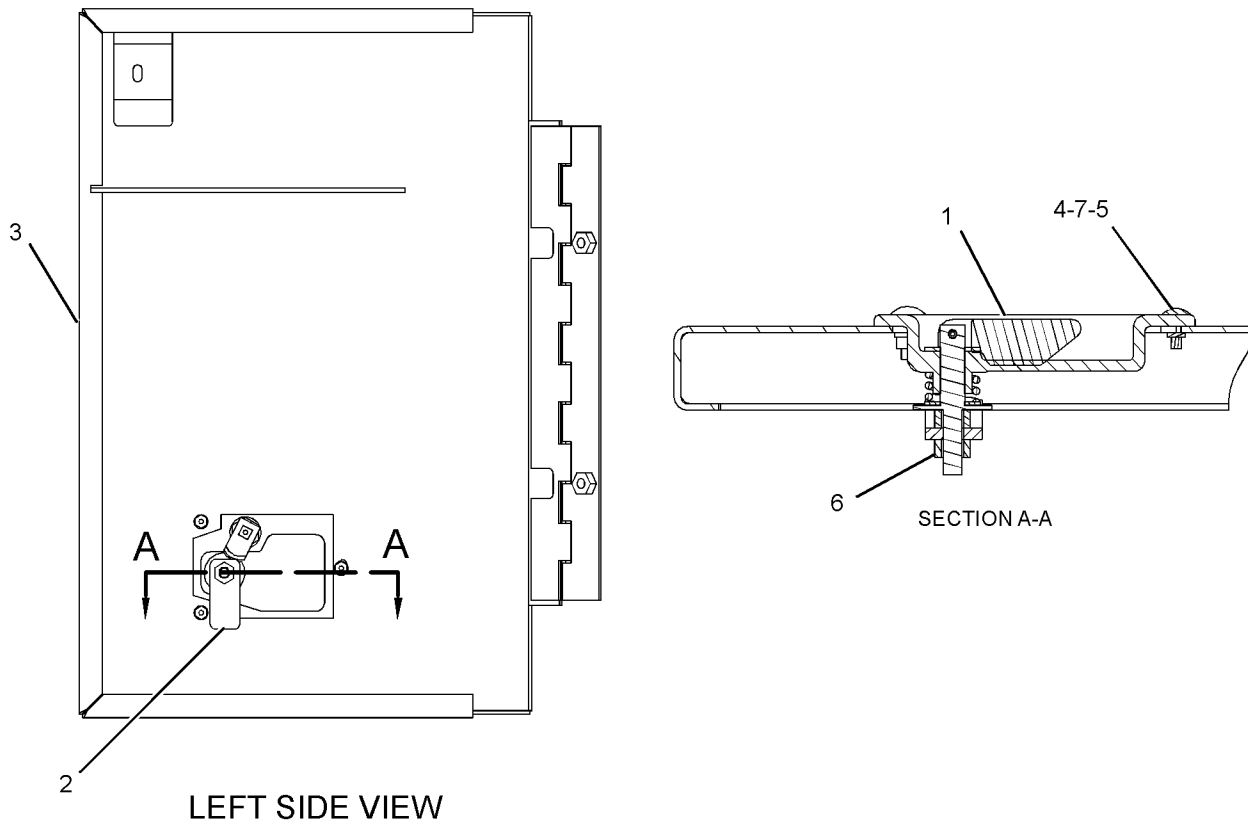
SMCS-7273

i02763828

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9G-2776	1	LATCH AS						
J		1	226-0291	1	LOCK AS						
		1	226-0330	1	CAM-LOCK						
	2	1	210-3226	1	PAWL (T-LATCH)						
	3	1	228-3735	1	DOOR AS (LH)						
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)						
		1	215-8117	1	HINGE AS						
M	4	1	131-3543	3	BOLT-ROUND HEAD (M6X1-6G-THD)						
M	5	1	5C-2890	3	NUT (M6X1-THD)						
M	6	1	8T-4133	2	NUT (M10X1.5-THD)						
	7	1	9X-8256	3	WASHER (6.6X12X2-MM THK)						

J-REQUIRES CORPORATE KEY

M-METRIC PART



GRAPHIC #1

<END>

g01162644

FRAME AND BODY

228-4157 DOOR GP-ACCESS-CENTER, LH

S/N: ASX1-UP

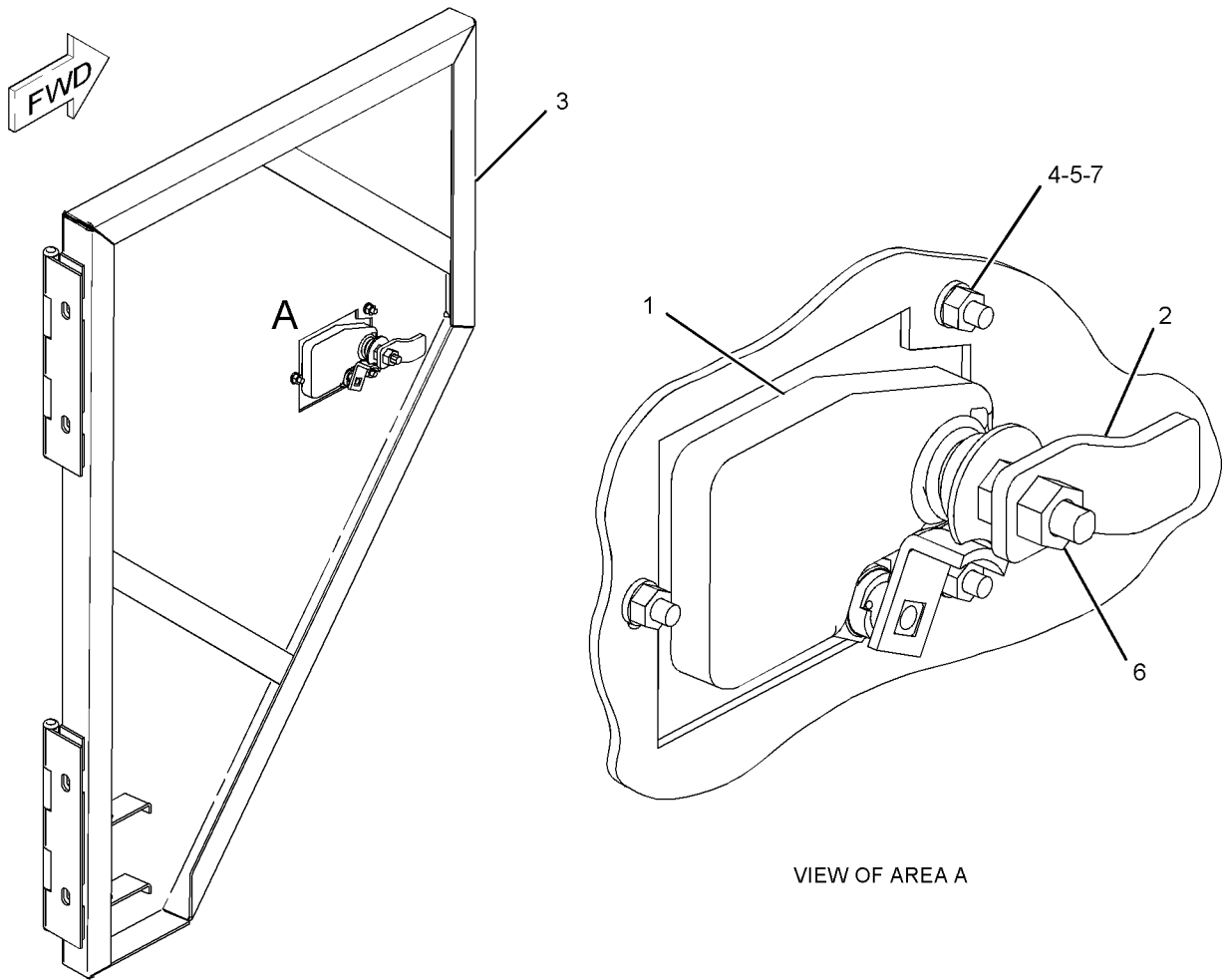
PART OF 240-0329 FENDER GP
AN ATTACHMENT

SMCS-7273

i02763829

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9G-2776	1	LATCH AS						
J		1	226-0291	1	LOCK AS						
		1	226-0330	1	CAM-LOCK						
	2	1	210-3226	1	PAWL (T-LATCH)						
	3	1	228-4158	1	DOOR AS (LH)						
		1	215-8146	2	HINGE AS						
M	4	1	131-3543	3	BOLT-ROUND HEAD (M6X1-6G-THD)						
M	5	1	5C-2890	3	NUT (M6X1-THD)						
M	6	1	8T-4133	2	NUT (M10X1.5-THD)						
	7	1	9X-8256	3	WASHER (6.6X12X2-MM THK)						

J-REQUIRES CORPORATE KEY
M-METRIC PART



GRAPHIC #1

<END>

g01132743

FRAME AND BODY

228-4164 DOOR GP - ACCESS-CENTER, RH

S/N: ASX1-UP

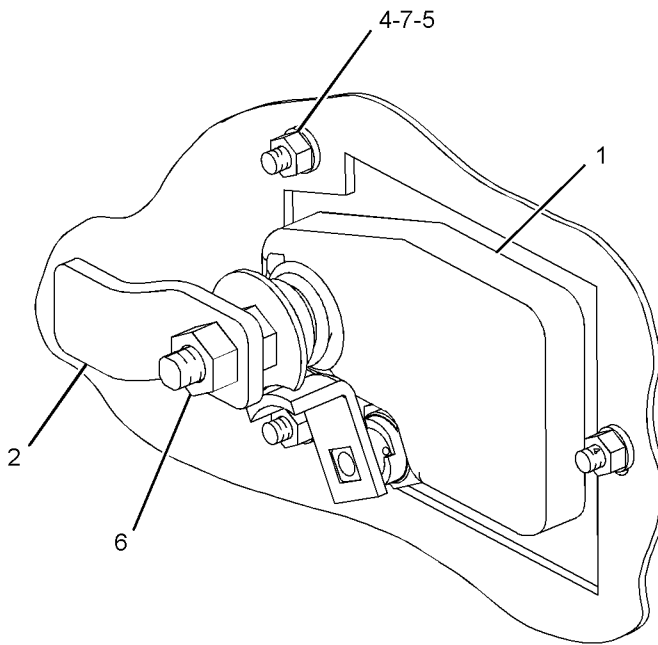
PART OF 240-0329 FENDER GP
AN ATTACHMENT

SMCS-7273

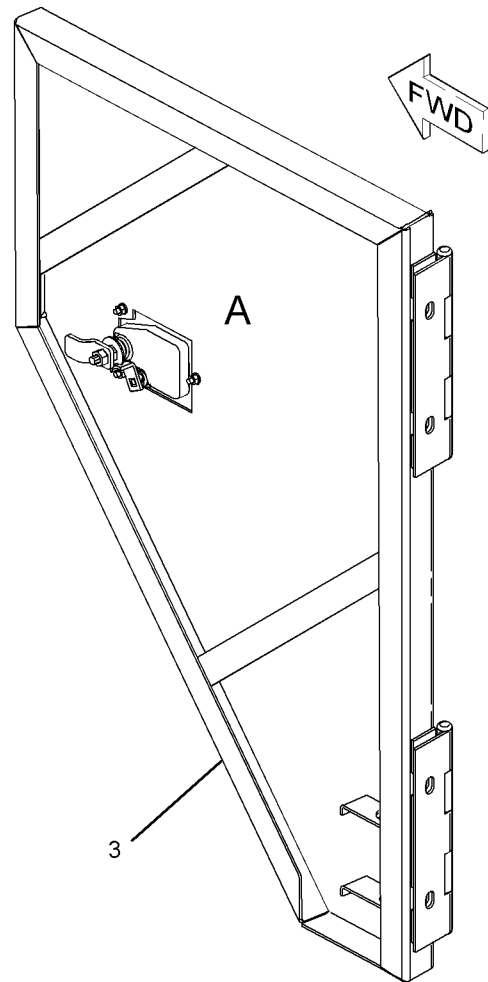
i02763830

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9G-2776	1	LATCH AS						
J		1	226-0291	1	LOCK AS						
		1	226-0330	1	CAM-LOCK						
	2	1	210-3226	1	PAWL (T-LATCH)						
	3	1	228-4165	1	DOOR AS (RH)						
		1	215-8146	2	HINGE AS						
M	4	1	131-3543	3	BOLT-ROUND HEAD (M6X1-6G-THD)						
M	5	1	5C-2890	3	NUT (M6X1-THD)						
M	6	1	8T-4133	2	NUT (M10X1.5-THD)						
	7	1	9X-8256	3	WASHER (6.6X12X2-MM THK)						

J - REQUIRES CORPORATE KEY
M - METRIC PART



VIEW OF AREA A



GRAPHIC #1

<END>

g01132727

FRAME AND BODY

230-5351 DOOR GP-ACCESS-SOUND SUPPRESSION, RH

S/N: ASX1-UP

PART OF 232-1700 SUPPRESSION GP-SOUND
AN ATTACHMENT

SMCS-7273

i02763832

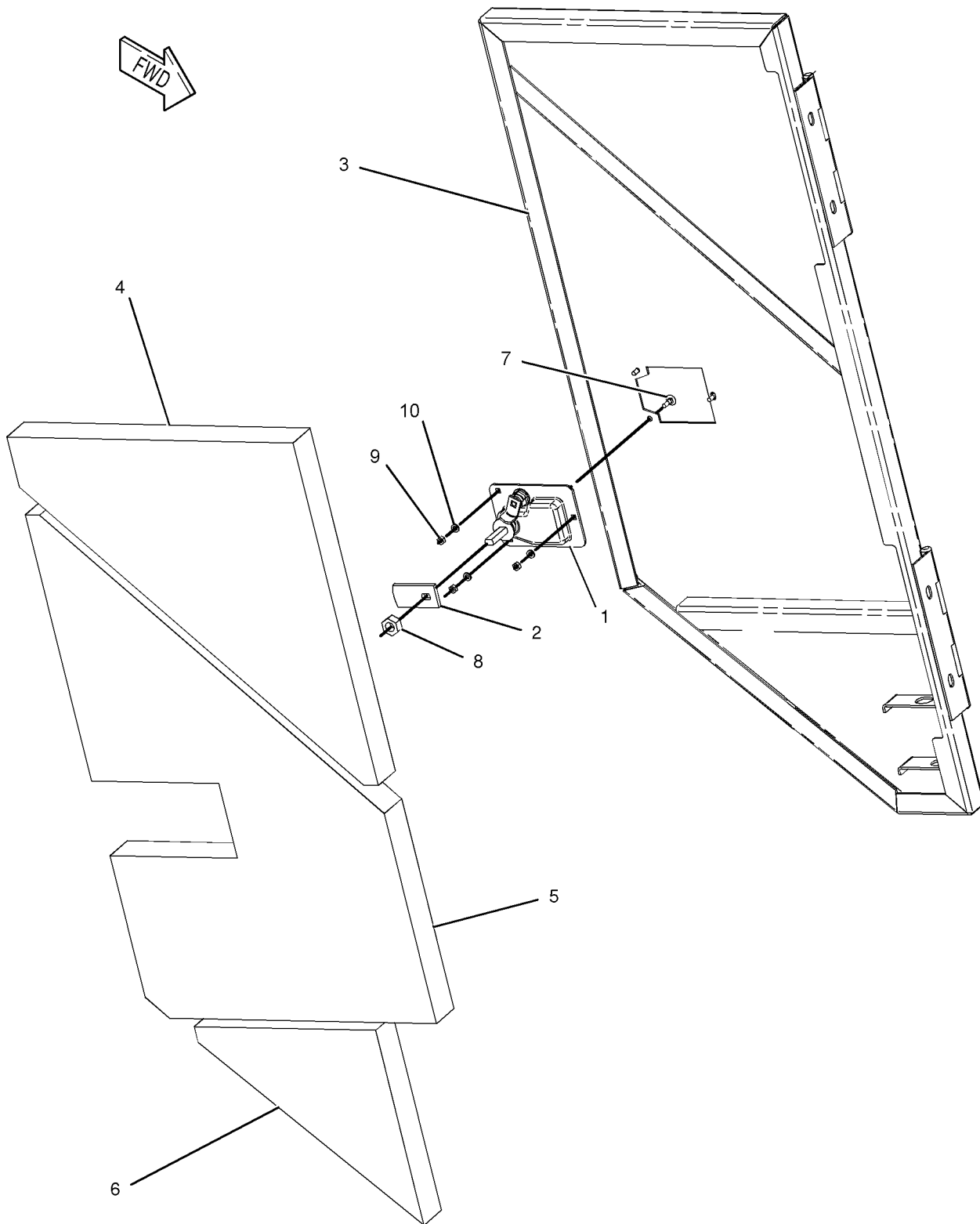
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
J	1	1	185-5277	1	LATCH AS						
	2	1	188-3551	1	PAWL						
	3	1	227-4050	1	DOOR AS (RH)						
		1	215-8146	2	HINGE AS						
	4	1	230-5180	1	INSULATION						
	5	1	230-5181	1	INSULATION						
	6	1	230-5182	1	INSULATION						
M	7	1	131-3543	3	BOLT-ROUND HEAD (M6X1-6G-THD)						
M	8	1	139-6366	2	NUT (M14X2-THD)						
M	9	1	5C-2890	3	NUT (M6X1-THD)						
	10	1	9X-8256	3	WASHER (6.6X12X2-MM THK)						

J-REQUIRES CORPORATE KEY
M-METRIC PART

FRAME AND BODY

230-5351 DOOR GP - ACCESS (contd.)

i02763832



GRAPHIC #1

<END>

g01033930

FRAME AND BODY

230-5352 DOOR GP-ACCESS-SOUND SUPPRESSION, LH

S/N: ASX1-UP

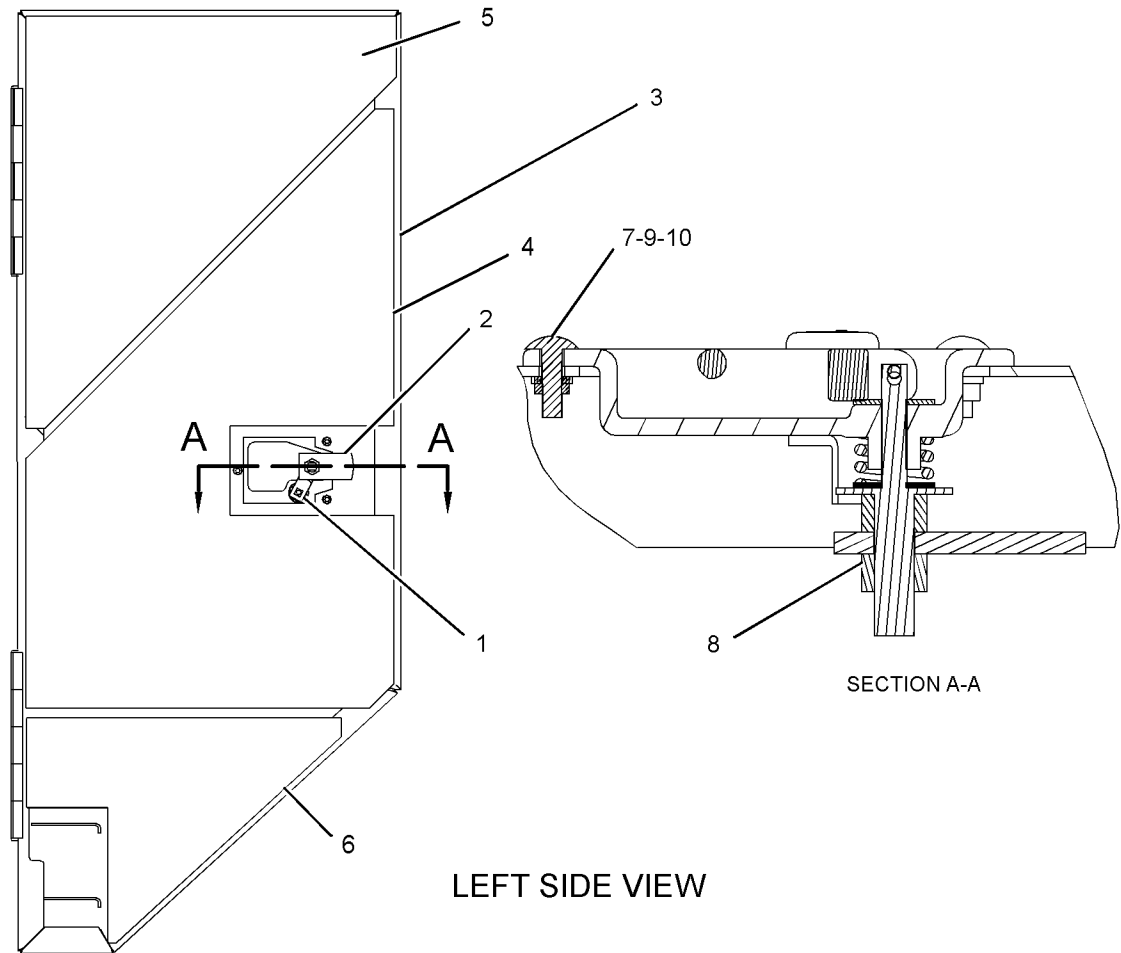
PART OF 232-1700 SUPPRESSION GP-SOUND
AN ATTACHMENT

SMCS-7273

i02763833

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
J	1	1	185-5277	1	LATCH AS						
	2	1	188-3551	1	PAWL						
	3	1	227-4053	1	DOOR AS (LH)						
		1	215-8146	2	HINGE AS						
	4	1	230-5176	1	INSULATION						
	5	1	230-5177	1	INSULATION						
	6	1	230-5178	1	INSULATION						
M	7	1	131-3543	3	BOLT-ROUND HEAD (M6X1-6G-THD)						
M	8	1	139-6366	2	NUT (M14X2-THD)						
M	9	1	5C-2890	3	NUT (M6X1-THD)						
	10	1	9X-8256	3	WASHER (6.6X12X2-MM THK)						

J-REQUIRES CORPORATE KEY
M-METRIC PART



GRAPHIC #1

<END>

g01381414

FRAME AND BODY

230-7811 DOOR GP-ACCESS-SOUND SUPPRESSION, RH

S/N: ASX1-UP

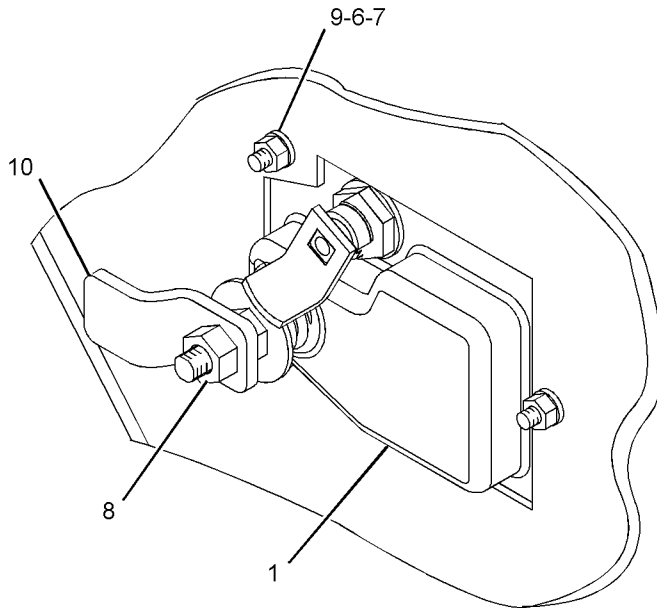
PART OF 238-9267 SUPPRESSION GP-SOUND
AN ATTACHMENT

SMCS-7273

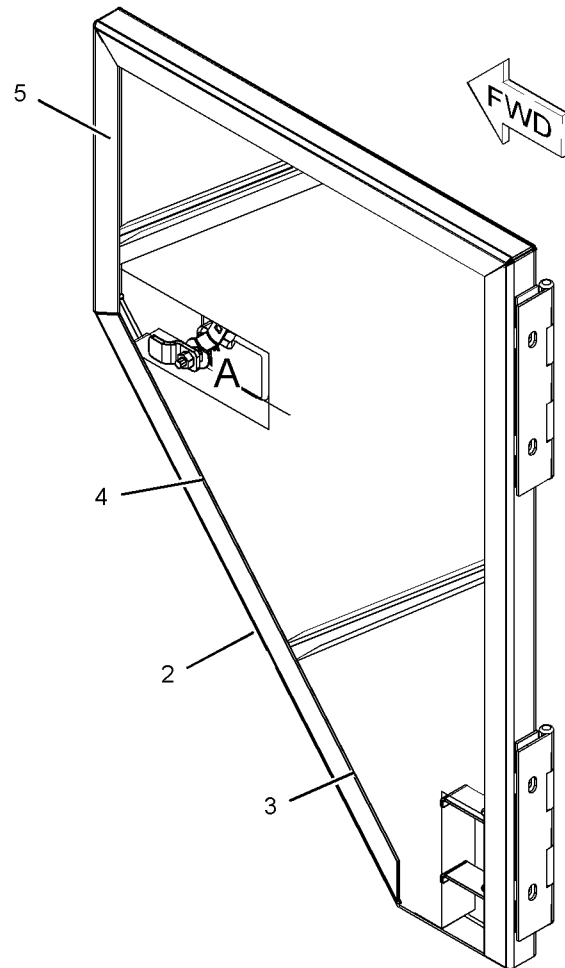
i02763835

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9G-2776	1	LATCH AS						
J		1	126-7168	1	LOCK AS						
	2	1	228-4165	1	DOOR AS (RH)						
		1	215-8146	2	HINGE AS						
	3	1	230-7686	1	INSULATION						
	4	1	230-7687	1	INSULATION						
	5	1	230-7688	1	INSULATION						
M	6	1	131-3543	3	BOLT-ROUND HEAD (M6X1-6G-THD)						
M	7	1	5C-2890	3	NUT (M6X1-THD)						
M	8	1	8T-4133	2	NUT (M10X1.5-THD)						
	9	1	9X-8256	3	WASHER (6.6X12X2-MM THK)						
	10	1	210-3226	1	PAWL						

J-REQUIRES CORPORATE KEY
M-METRIC PART



VIEW OF AREA A



GRAPHIC #1

<END>

g01132697

FRAME AND BODY

230-7812 DOOR GP-ACCESS-SOUND SUPPRESSION, LH

S/N: ASX1-UP

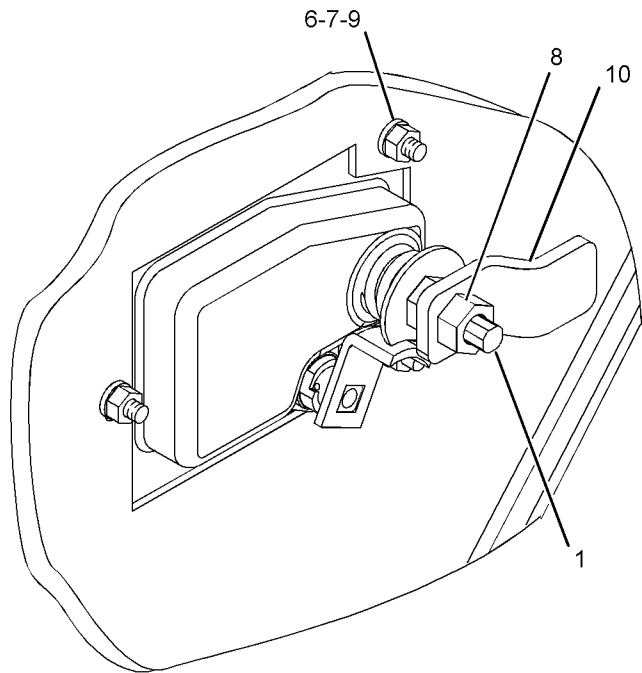
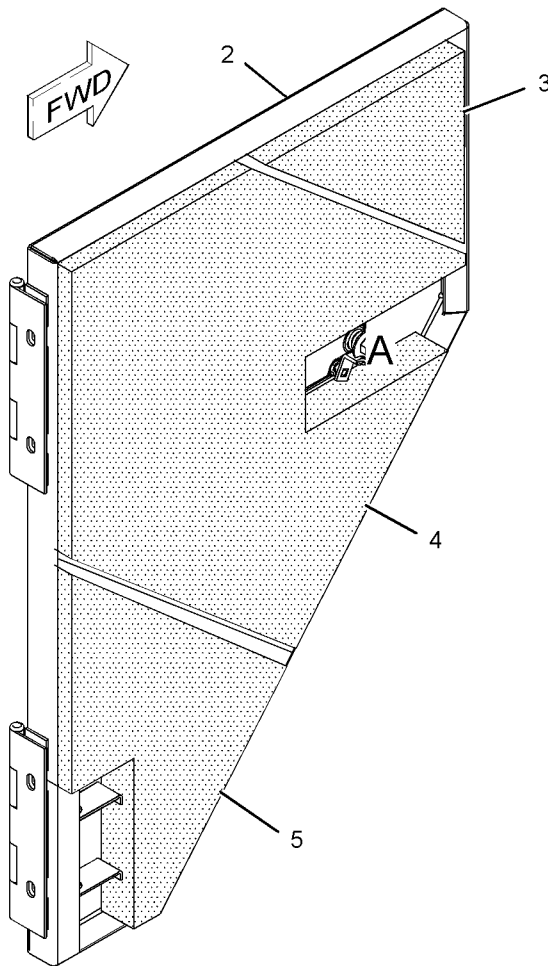
PART OF 238-9267 SUPPRESSION GP-SOUND
AN ATTACHMENT

SMCS-7273

i02763836

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9G-2776	1	LATCH AS						
J		1	126-7168	1	LOCK AS						
	2	1	228-4158	1	DOOR AS (LH)						
		1	215-8146	2	HINGE AS						
	3	1	230-7683	1	INSULATION						
	4	1	230-7684	1	INSULATION						
	5	1	230-7685	1	INSULATION						
M	6	1	131-3543	3	BOLT-ROUND HEAD (M6X1-6G-THD)						
M	7	1	5C-2890	3	NUT (M6X1-THD)						
M	8	1	8T-4133	2	NUT (M10X1.5-THD)						
	9	1	9X-8256	3	WASHER (6.6X12X2-MM THK)						
	10	1	210-3226	1	PAWL						

J-REQUIRES CORPORATE KEY
M-METRIC PART



VIEW OF AREA A

GRAPHIC #1

<END>

g01132725

FRAME AND BODY

232-3268 DOOR GP-ACCESS-SOUND SUPPRESSION, LOWER, LH

S/N: ASX1-UP

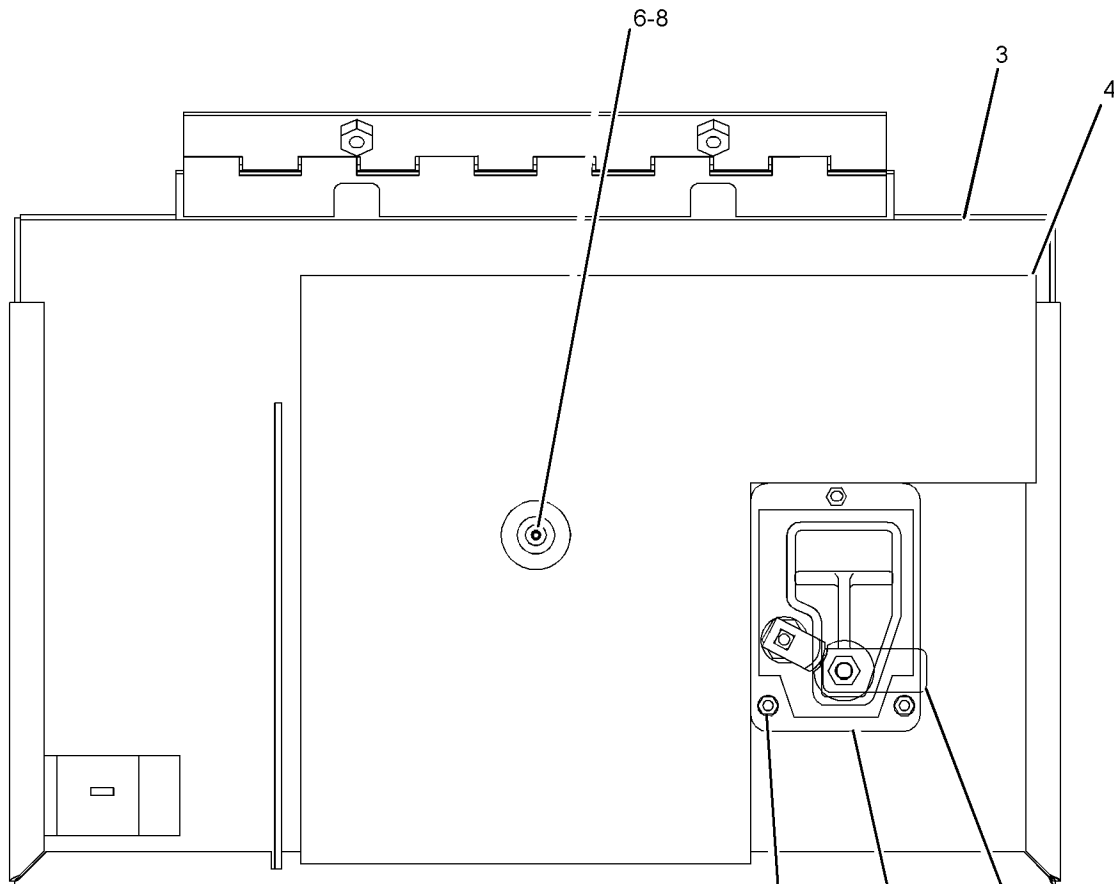
PART OF 232-1700, 238-9267 SUPPRESSION GP-SOUND
AN ATTACHMENT

SMCS-7273

i02763840

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9G-2776	1	LATCH AS						
J		1	126-7168	1	LOCK AS						
	2	1	210-3226	1	PAWL						
	3	1	232-3269	1	DOOR AS						
		1	6Y-9625	1	PIN-WELD						
		1	215-8117	1	HINGE AS						
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)						
	4	1	232-3319	1	INSULATION						
M	5	1	131-3543	3	BOLT-ROUND HEAD (M6X1-6G-THD)						
	6	1	4I-7924	1	WASHER (4.5X40X1.2-MM THK)						
M	7	1	5C-2890	3	NUT (M6X1-THD)						
	8	1	6P-2216	1	CAP (PUSH ON)						
M	9	1	8T-4133	2	NUT (M10X1.5-THD)						
	10	1	9X-8256	3	WASHER (6.6X12X2-MM THK)						

J-REQUIRES CORPORATE KEY
M-METRIC PART



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g01260170

FRAME AND BODY

302-2194 DOOR GP-ACCESS-RADIATOR GUARD SIDE, RH

S/N: ASX249-UP

PART OF 227-3116 HOOD GP

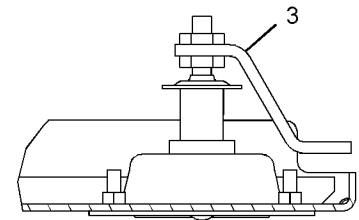
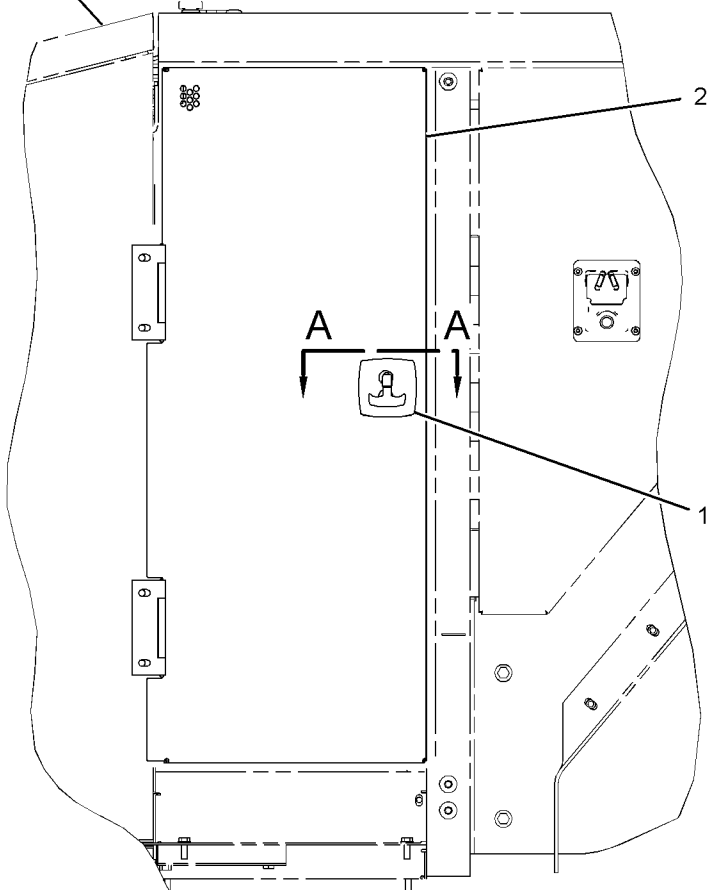
SMCS-7273

i02683994

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	177-1570	1	LATCH AS (MINI T)						
J		1	272-6628	1	LOCK AS-CYLINDER						
		1	272-6629	1	CAM						
	2	1	228-3202	1	DOOR AS (RH)						
		1	231-4734	2	HINGE AS						
	3	1	229-8408	1	PAWL (LATCH)						

J-REQUIRES CORPORATE KEY

RADIATOR GUARD



SECTION A-A

RIGHT SIDE VIEW

GRAPHIC #1

<END>

g01361691

FRAME AND BODY

302-2195 DOOR GP-ACCESS-RADIATOR GUARD SIDE, LH

S/N: ASX249-UP

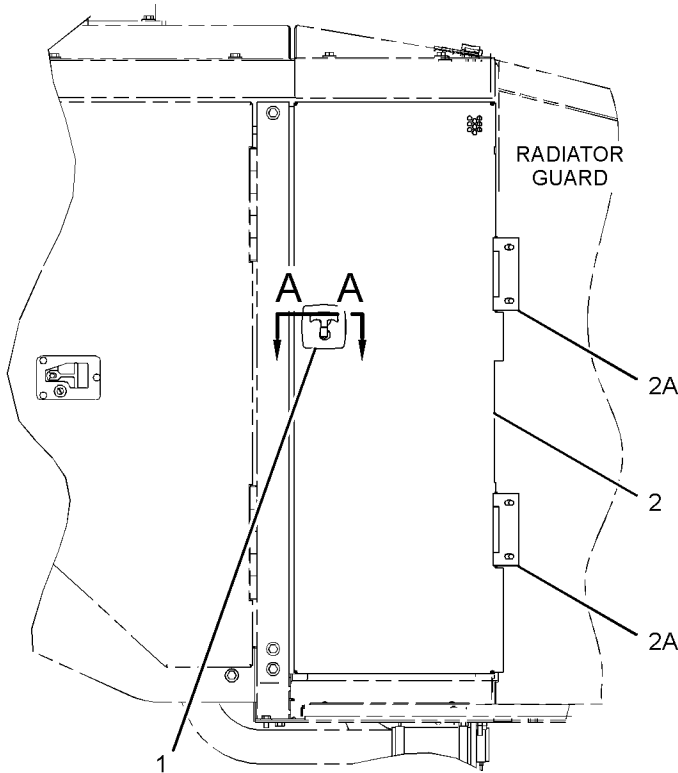
PART OF 227-3116 HOOD GP

SMCS-7273

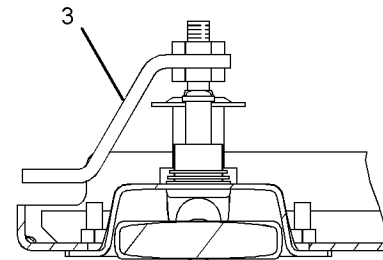
i02683995

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	177-1570	1	LATCH AS (MINI T)						
J		1	272-6628	1	LOCK AS-CYLINDER						
		1	272-6629	1	CAM						
	2	1	228-3211	1	DOOR AS (LH)						
	2A	1	231-4734	2	HINGE AS						
	3	1	229-8408	1	PAWL						

J-REQUIRES CORPORATE KEY



LEFT SIDE VIEW



SECTION A-A

GRAPHIC #1

<END>

g01361882

FRAME AND BODY

302 - 2196 DOOR GP - ACCESS-HOOD TOP

S/N: ASX249-UP

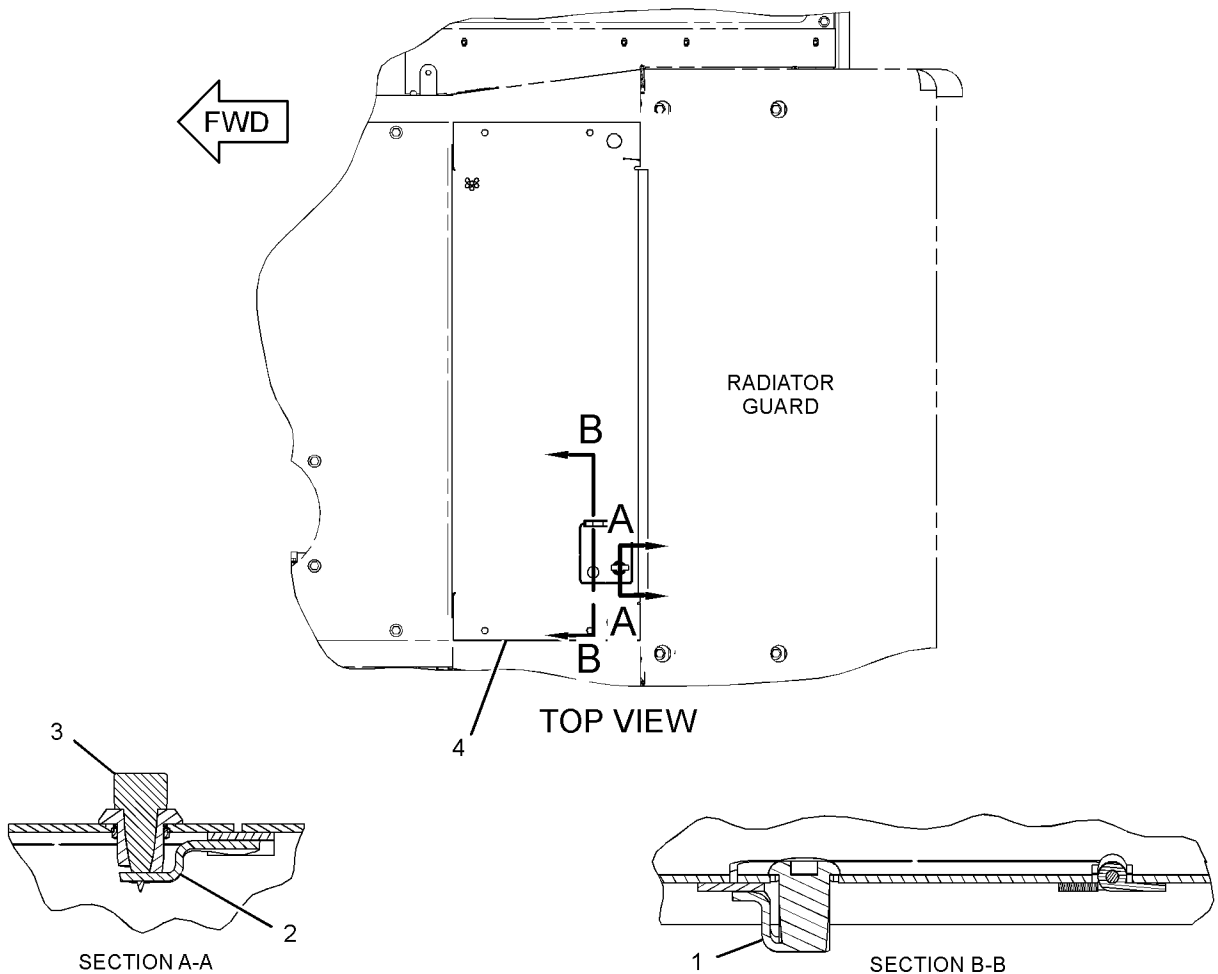
PART OF 227-3116 HOOD GP

SMCS-7273

i02683997

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
J	1	1	226-0291	1	LOCK AS						
		1	226-0322	1	CAM-LOCK						
	2	1	125-8176	1	CAM-LATCH						
	3	1	174-6381	1	LATCH AS						
	4	1	228-3207	1	DOOR AS (TOP)						

J-REQUIRES CORPORATE KEY



GRAPHIC #1

<END>

g01361662

FRAME AND BODY

227-2990 DOOR GP-BATTERY

S/N: ASX1-UP

PART OF 226-9594, 300-6281 CHASSIS AR

SMCS-7273

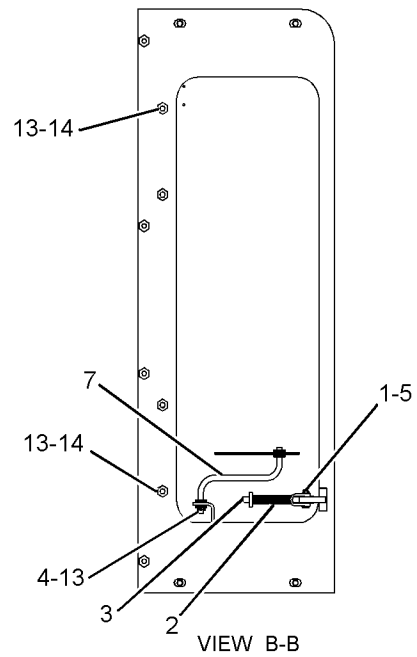
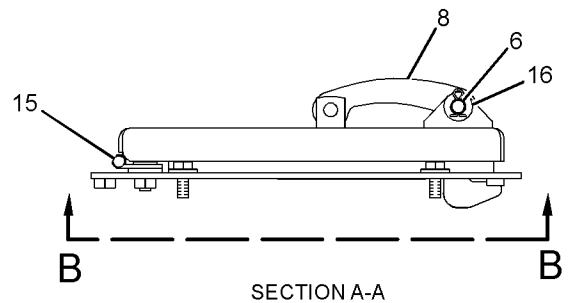
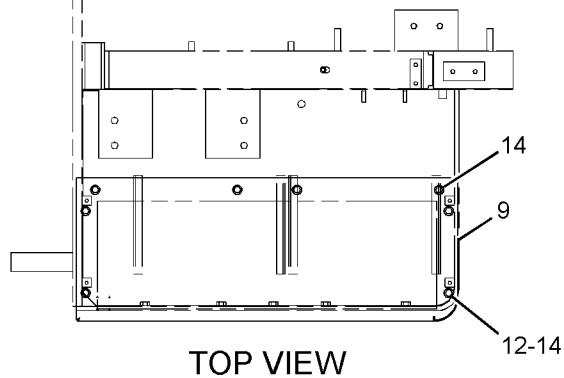
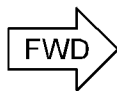
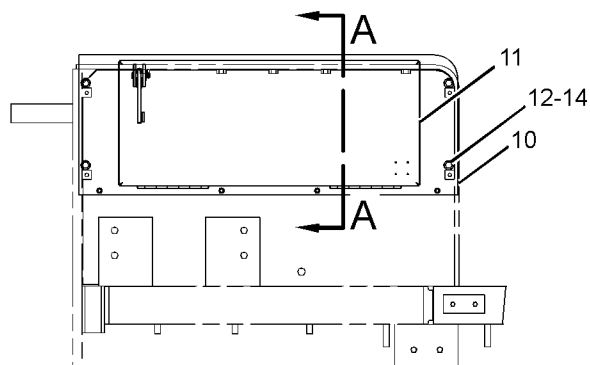
i02549567

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1B-0676	1	PIN						
	2	1	1B-9920	1	SPRING						
	3	1	1H-7366	1	ROD						
	4	1	3B-4610	1	PIN-COTTER						
	5	1	3B-4617	2	PIN-COTTER						
	6	1	3B-8153	1	PIN-CLEVIS						
	7	1	121-3112	1	ROD AS						
		1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						
	8	1	191-0834	1	HANDLE-LATCH						
	9	1	272-2516	1	COVER AS						
	10	1	272-2517	1	COVER AS						
M		1	8T-3490	8	NUT-WELD (M10X1.5-THD)						
	11	1	272-2526	1	DOOR AS-ACCESS						
		1	1H-7262	2	LUG						
		1	1H-7263	2	LUG						
		1	106-9010	2	HINGE						
	12	1	7X-7729	12	WASHER (11X25X3-MM THK)						
	13	1	8T-4121	5	WASHER-HARD (11X21X2.5-MM THK)						
M	14	1	8T-4136	16	BOLT (M10X1.5X25-MM)						
	15	1	287-8235	2	PLATE						
	16	1	8T-4223	1	WASHER-HARD (13.5X25.5X3-MM THK)						
M-METRIC PART											

FRAME AND BODY

227-2990 DOOR GP - BATTERY (contd.)

i02549567



GRAPHIC #1

<END>

g01276199

FRAME AND BODY

190-7302 DRAWBAR GP

S/N: ASX1-UP

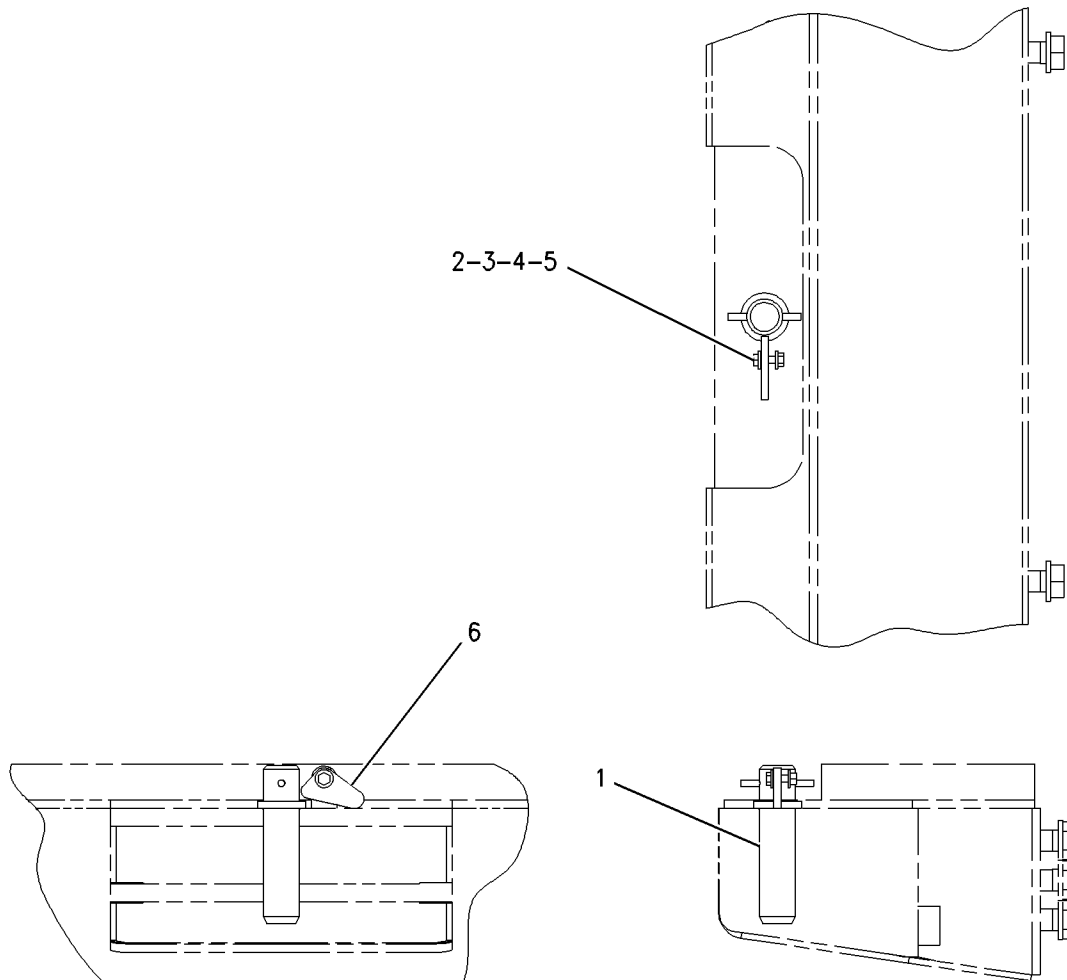
PART OF 227-2982 BUMPER GP-REAR

SMCS-7105, 7119

i01446716

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	190-7304	1	PIN AS						
	2	1	5G-2514	1	TUBE						
	3	1	7X-7729	2	WASHER (11X25X3-MM THK)						
M	4	1	8T-4133	1	NUT (M10X1.5-THD)						
M	5	1	8T-4196	1	BOLT (M10X1.5X35-MM)						
	6	1	9C-4197	1	LATCH						

M-METRIC PART



GRAPHIC #1

<END>

g00761347

FRAME AND BODY

263 - 6090 FENDER AR

S/N: ASX1-UP
AN ATTACHMENT

SMCS - 7252

i02217758

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	240-0329	1	FENDER GP						506
Y	263-6089	1	FILM GP						914
Y-SEPARATE ILLUSTRATION									
<END>									

FRAME AND BODY

240-0329 FENDER GP

S/N: ASX1-UP

PART OF 263-6090 FENDER AR
AN ATTACHMENT

SMCS-7252

i02763844

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7T-8331	8	MOUNT AS (RUBBER)						
	2	1	113-9497	2	FLAP						
	3	1	115-7441	2	STRIP						
	4	1	199-5759	1	PANEL AS (LH)						
M		1	8T-3597	5	NUT-WELD (M12X1.75-THD)						
	5	2	199-5760	1	PANEL AS (LH)						
M		2	8T-3597	5	NUT-WELD (M12X1.75-THD)						
	6	1	201-1169	1	BRACKET AS (LH)						
M		1	8T-3597	4	NUT-WELD (M12X1.75-THD)						
	7	1	201-1170	1	BRACKET AS (RH)						
M		1	8T-3597	4	NUT-WELD (M12X1.75-THD)						
	8	1	201-1178	1	BRACKET AS (RH)						
M		1	8T-3597	11	NUT-WELD (M12X1.75-THD)						
	9	1	201-1179	1	BRACKET AS (LH)						
M		1	8T-3597	11	NUT-WELD (M12X1.75-THD)						
	10	1	262-6004	1	FENDER AS (LH)						
M		1	8T-7501	5	STUD-WELD (M10X1.5X38-MM)						
	11	1	262-6005	1	FENDER AS						
M		1	8T-7501	5	STUD-WELD (M10X1.5X38-MM)						
	12	2	201-9113	1	FENDER AS						
M		2	8T-3490	10	NUT-WELD (M10X1.5-THD)						
	13	2	201-9114	1	FENDER AS (LH)						
M		2	8T-3490	10	NUT-WELD (M10X1.5-THD)						
	14	1,2	201-9650	8	PLATE						
	15	2	201-9651	2	PLATE						
	16	1	257-0571	4	BRACKET AS						
	17	1	201-9655	2	FLAP						
	18	1	201-9656	2	PLATE						
	19	2	201-9666	2	FLAP						
	20	2	201-9667	1	DEFLECTOR-LH						
	21	2	201-9668	1	BRACKET						
	22	1	201-9681	2	BRACKET AS						
					(EACH INCLUDES)						
M		1	8T-3490	4	NUT-WELD (M10X1.5-THD)						
	23	2	201-9827	2	PLATE AS						
					(EACH INCLUDES)						
M		2	8T-3597	1	NUT-WELD (M12X1.75-THD)						
	26	2	225-6457	2	BRACKET						
	27	2	225-6458	2	BRACKET						
	28	2	225-6459	2	STRIP						
	29	2	225-6460	2	FLAP						
Y	30	1	228-4157	1	DOOR GP-ACCESS (CENTER, LH)						491
Y	31	1	228-4164	1	DOOR GP-ACCESS (CENTER, RH)						492
Y	32	2	228-4462	1	PANEL GP-SIDE (LH)						550
	33	1	228-4664	1	SUPPORT AS (RH)						
M		1	8T-3490	8	NUT-WELD (M10X1.5-THD)						
M		1	8T-3597	2	NUT-WELD (M12X1.75-THD)						
		1	090-8247	2	BLOCK						
	34	1	228-4666	1	SUPPORT AS (LH) (LH)						
M		1	8T-3490	8	NUT-WELD (M10X1.5-THD)						
M		1	8T-3597	2	NUT-WELD (M12X1.75-THD)						
	35	1	229-0076	1	PANEL (RH)						
	36	1	229-0077	1	PANEL (LH)						
Y	37	1	240-0354	1	FRAME AS-REAR						518
Y	38	1	240-3343	1	PANEL GP-SIDE (RH)						551

FRAME AND BODY

240-0329 FENDER GP (contd.)

i02763844

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	39	2	174-5807	42	RIVET-POP	
	40	1, 2	5P-1076	72	WASHER-HARD (13.5X30X4-MM THK)	
	41	2	5P-4115	2	WASHER-HARD (7.2X19X2-MM THK)	
	42	1	7G-8839	12	SPACER (13.5X57X6-MM THK)	
	43	1, 2	7X-7729	68	WASHER (11X25X3-MM THK)	
	44	1	8F-4028	8	SPACER (13.5X19X6.35-MM THK)	
M	45	1, 2	8T-4133	22	NUT (M10X1.5-THD)	
M	46	2	8T-4137	16	BOLT (M10X1.5X20-MM)	
M	47	1	8T-4176	4	BOLT (M12X1.75X90-MM)	
M	48	1	8T-4183	56	BOLT (M12X1.75X40-MM)	
M	49	1	8T-4192	8	BOLT (M12X1.75X25-MM)	
M	50	1, 2	8T-4195	30	BOLT (M10X1.5X30-MM)	
M	51	1	8T-4244	6	NUT (M12X1.75-THD)	
M	52	1	8T-4648	4	BOLT (M12X1.75X70-MM)	
M	53	2	8T-6868	2	BOLT (M12X1.75X80-MM)	
	54	2	255-6175	1	BRACKET	
	55	2	255-6176	1	BRACKET	

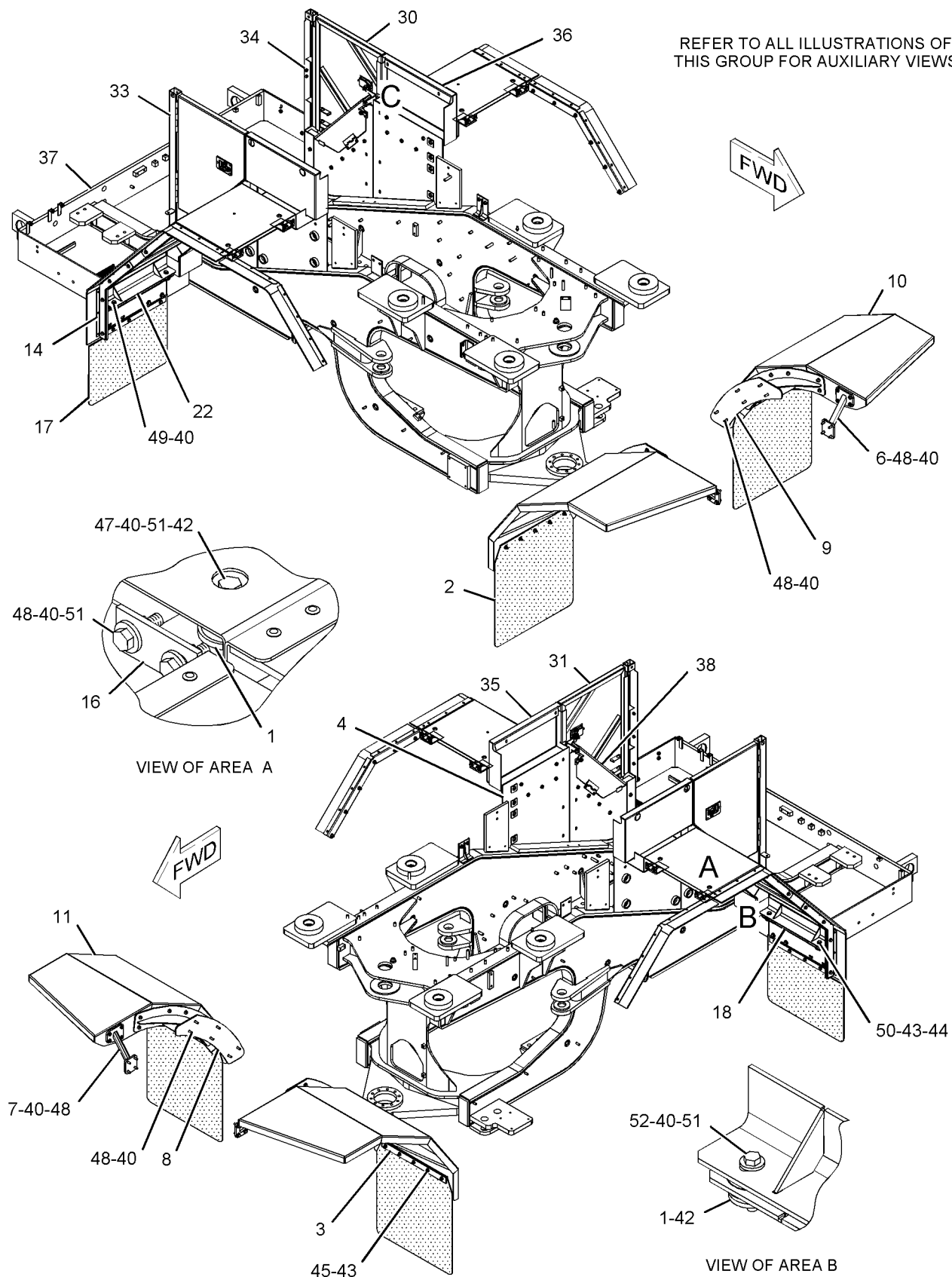
M-METRIC PART
Y-SEPARATE ILLUSTRATION

FRAME AND BODY

240-0329 FENDER GP (contd.)

i02763844

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



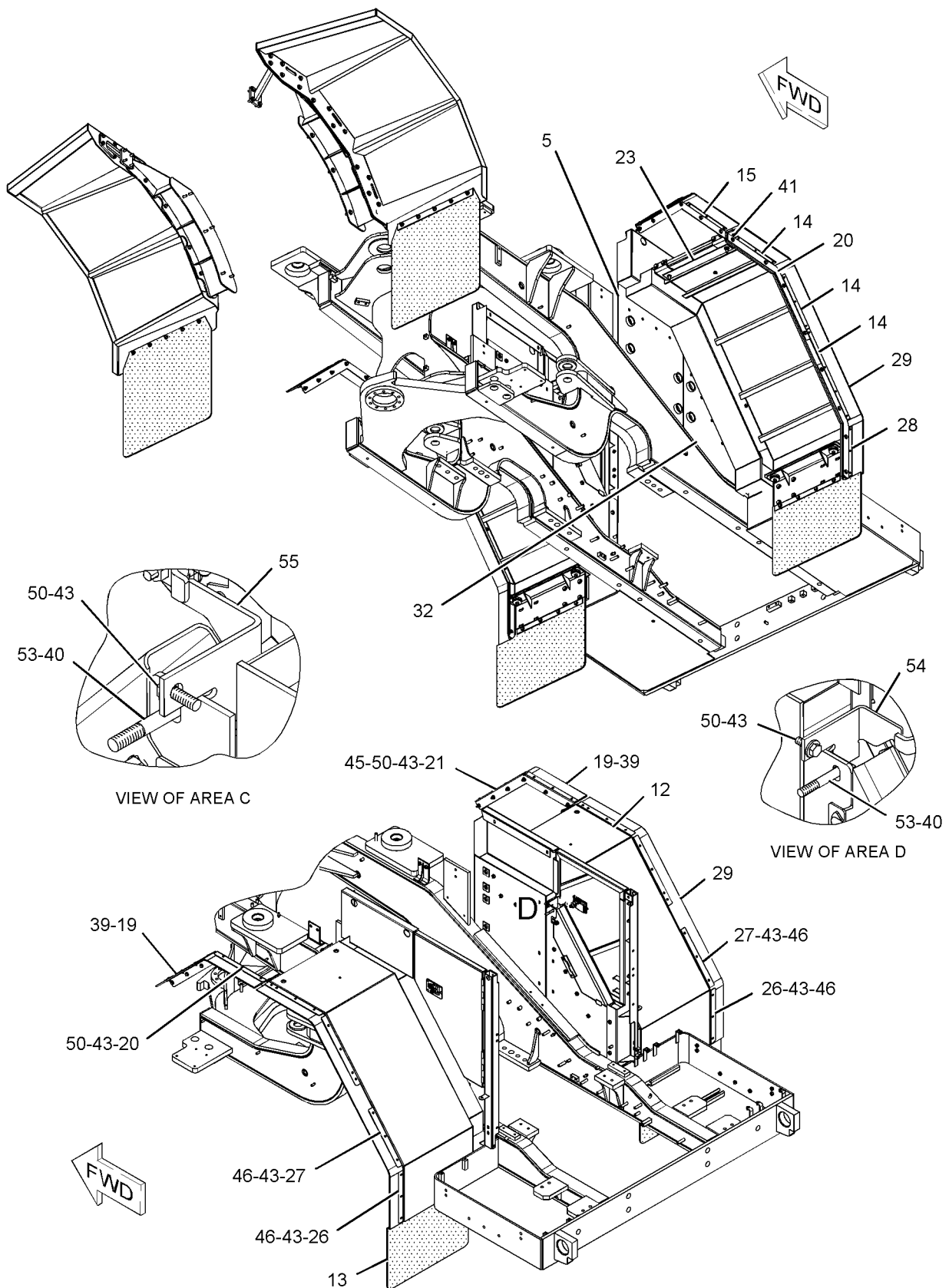
GRAPHIC #1

g01131662

FRAME AND BODY

240-0329 FENDER GP (contd.)

i02763844



GRAPHIC #2

<END>

g01131664

FRAME AND BODY

116-7171 FENDER GP-FRONT

S/N: ASX1-UP

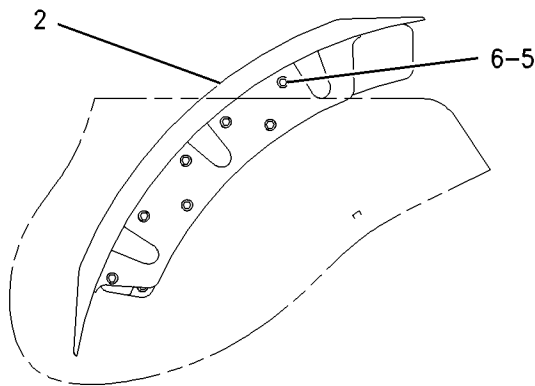
PART OF 226-9594, 300-6281 CHASSIS AR

SMCS-7252

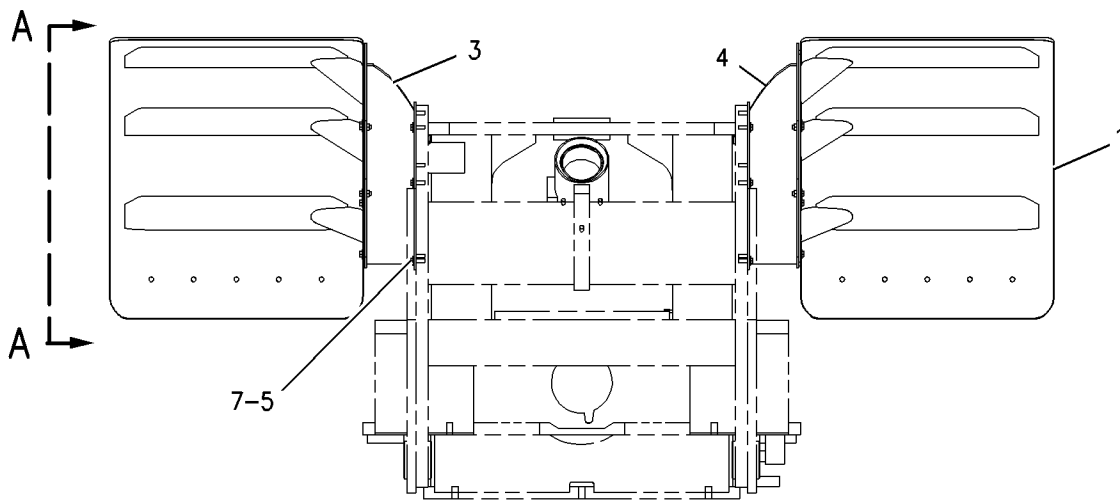
i01748464

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	1	1	179-1453	1	FENDER AS-LH						
C	2	1	179-1454	1	FENDER AS-RH						
	3	1	121-0856	1	BRACKET AS-RH						
M		1	8T-3597	7	NUT-WELD (M12X1.75 THD)						
	4	1	121-4369	1	BRACKET AS-LH						
M		1	8T-3597	7	NUT-WELD (M12X1.75 THD)						
C	5	1	5P-1076	26	WASHER-HARD (13.5X30X4MM THK)						
CM	6	1	8T-4139	14	BOLT (M12X1.75X30MM)						
M	7	1	8T-4183	12	BOLT (M12X1.75X40MM)						

C- CHANGE FROM PREVIOUS TYPE
M- METRIC PART



VIEW A-A



GRAPHIC #1

<END>

g00760822

FRAME AND BODY

189-6345 FENDER GP-REAR

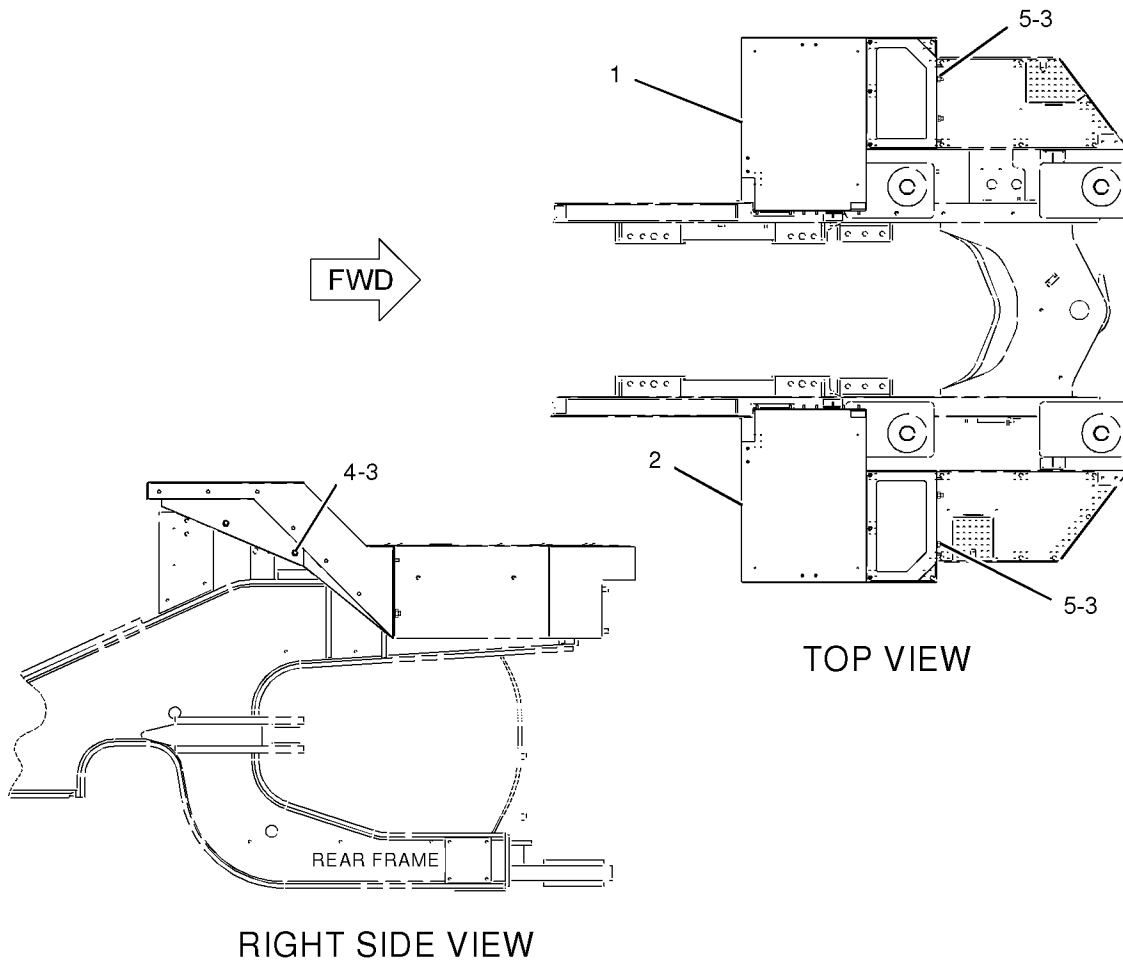
S/N: ASX1-UP

PART OF 226-9594, 300-6281 CHASSIS AR

SMCS-7252

i02761700

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1		191-3710	1	FENDER AS (LH)						
	2		191-3725	1	FENDER AS (RH)						
	3	1	7X-7729	24	WASHER (11X25X3-MM THK)						
M	4		8T-4195	20	BOLT (M10X1.5X30-MM)						
M	5	1	8T-4133	4	NUT (M10X1.5-THD)						
M-METRIC PART											



GRAPHIC #1

<END>

g01022877

FRAME AND BODY

240-0372 FRAME AS-FRONT

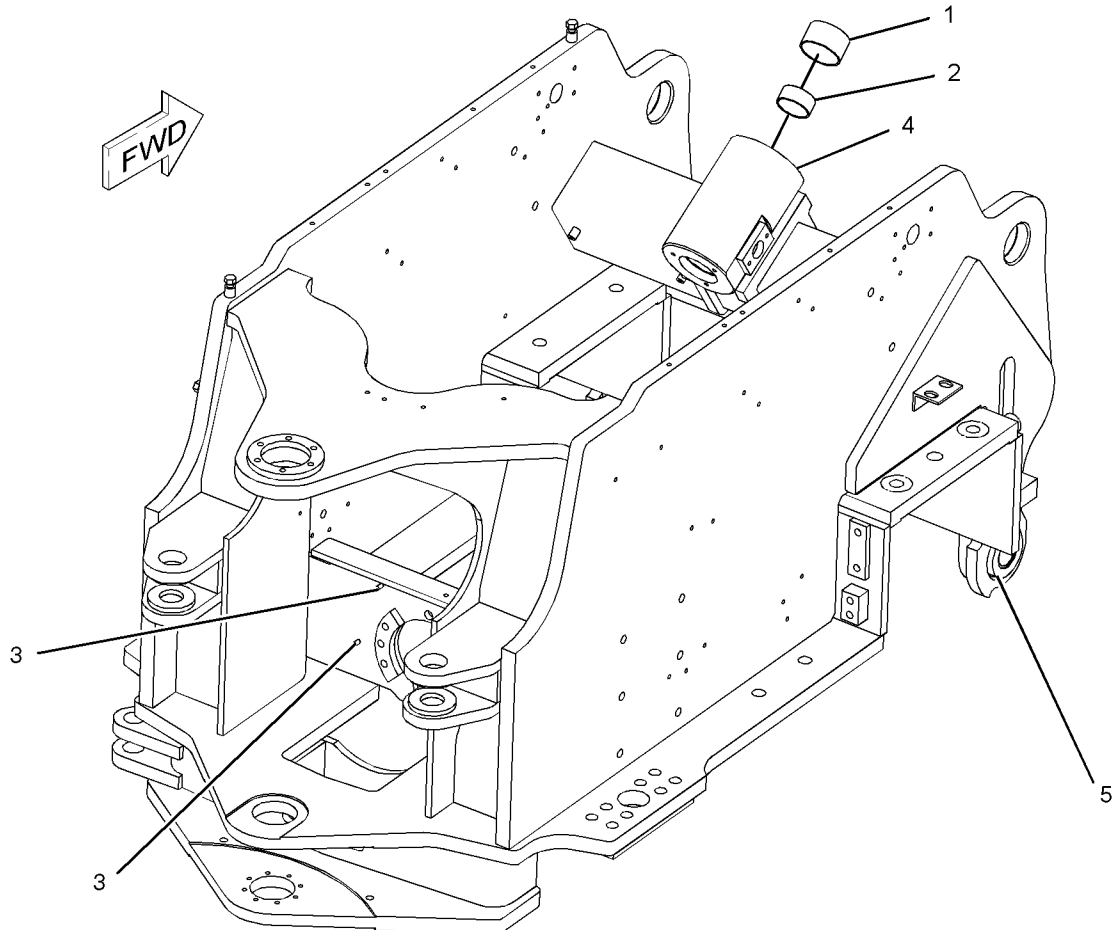
S/N: ASX1-169

PART OF 240-0373 FRAME GP-FRONT

SMCS-7051

i01998165

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7J-1335	1	BEARING						
	2	1	7J-1336	1	BEARING						
M	3	1	8T-4967	4	STUD-WELD (M10X1.5X23MM OAL)						
	4	1	154-9342	1	CROSSMEMBER AS						
	5	1	4V-8629	2	BEARING-SLEEVE						
M-METRIC PART											



GRAPHIC #1

<END>

g01033985

FRAME AND BODY

240-0372 FRAME AS-FRONT

S/N: ASX170-UP

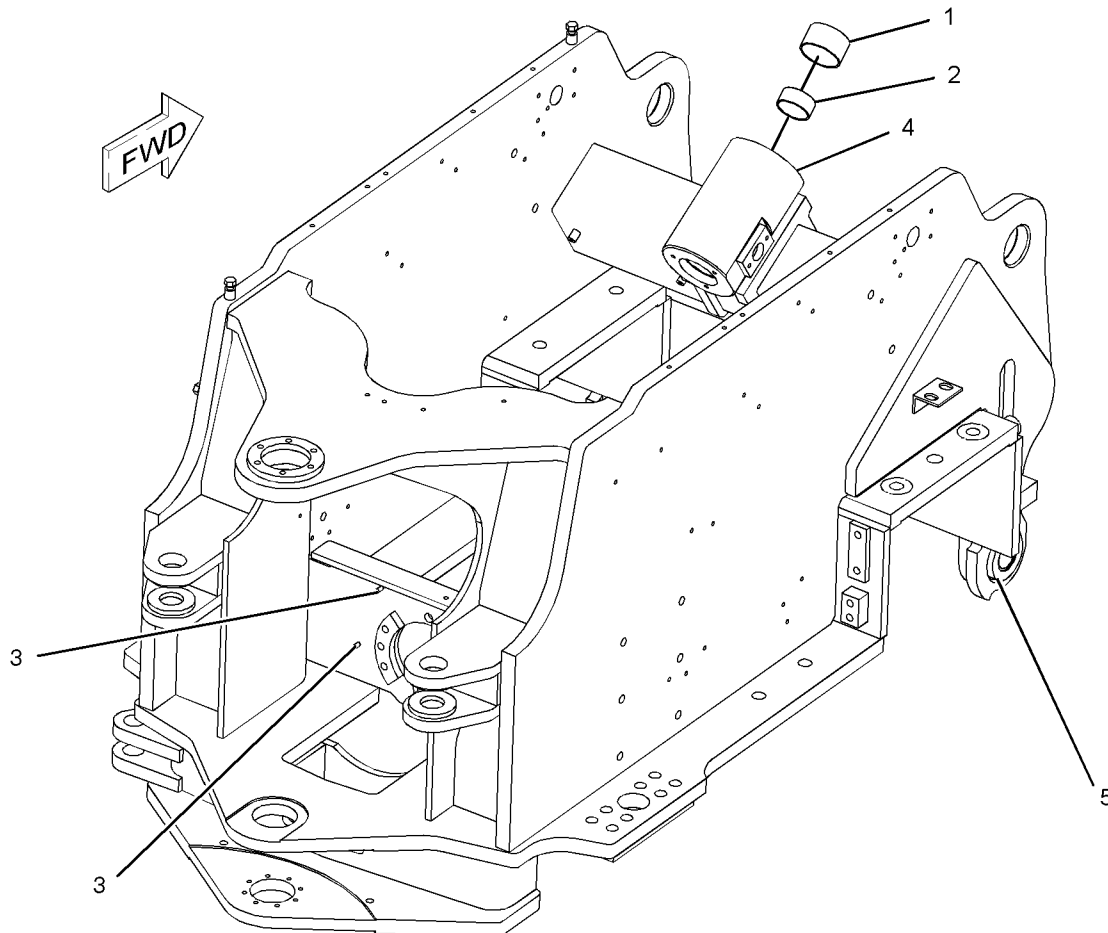
PART OF 240-0373 FRAME GP-FRONT

SMCS-7051

i02357457

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7J-1335	1	BEARING						
	2	1	7J-1336	1	BEARING						
M	3	1	8T-4967	4	STUD-WELD (M10X1.5X23-MM OAL)						
	4	1	154-9342	1	CROSSMEMBER AS						
C	5	1	259-0422	2	BEARING-SLEEVE						

C- CHANGE FROM PREVIOUS TYPE
M- METRIC PART



GRAPHIC #1

<END>

g01033985

FRAME AND BODY

227 - 0080 FRAME AS - REAR

S/N: ASX1-299

PART OF 226-9594 CHASSIS AR, 240-0354 FRAME AS-REAR
ALSO AN ATTACHMENT

SMCS-7051

i02395997

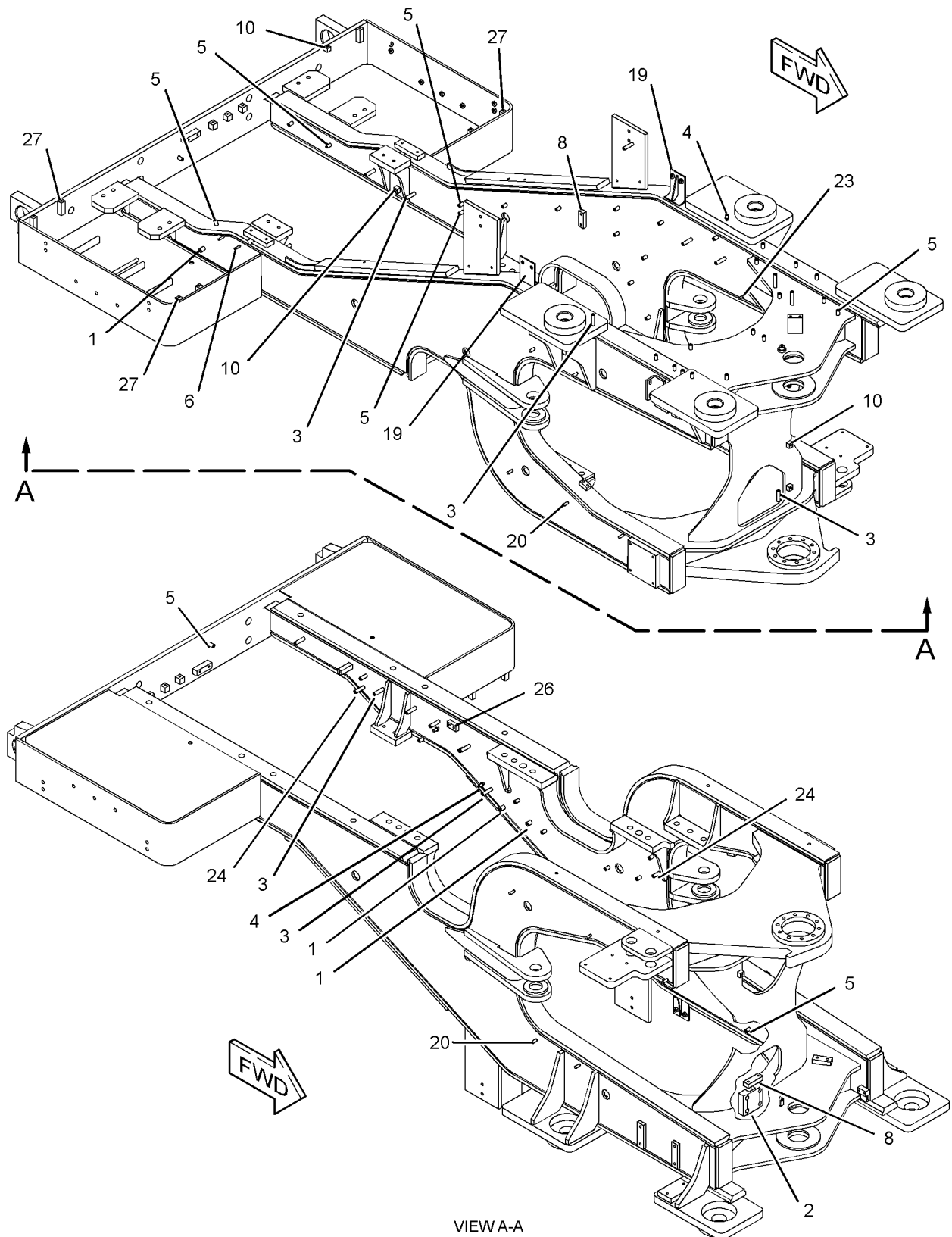
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	9R-2613	3	BOSS-WELD (M10X1.5X25-MM OAL)						
	2	1	4V-0368	1	BLOCK						
M	3	1	7X-0752	14	BOSS-WELD (M10X1.5X65-MM OAL)						
M	4	1	8T-3635	4	STUD-WELD (M12X1.75X34.93-MM OAL)						
M	5	1	8T-3851	40	BOSS-WELD (M10X1.5X17.5-MM)						
M	6	1	8T-7501	2	STUD-WELD (M10X1.5X38-MM)						
	8	1	9C-4935	2	PLATE						
	10	1	090-8247	4	BLOCK						
	19	1	263-7735	2	BRACKET AS						
					(EACH INCLUDES)						
M		1	8T-3597	2	NUT-WELD (M12X1.75-THD)						
M	20	1	112-9073	10	STUD-WELD (M12X1.75X21.1-MM)						
M	23	1	8T-4219	1	STUD-WELD (M10X1.5X17.5-MM)						
M	24	1	8T-4935	2	BOSS-WELD (M10X1.5X45-MM)						
	26	1	9C-7929	1	BLOCK						
	27	1	3W-9117	8	BAR						

M-METRIC PART

FRAME AND BODY

227-0080 FRAME AS-REAR (contd.)

i02395997



GRAPHIC #1

<END>

g01196734

FRAME AND BODY

227 - 0080 FRAME AS - REAR

S/N: ASX300-UP

PART OF 300-6281 CHASSIS AR, 240-0354 FRAME AS-REAR
ALSO AN ATTACHMENT

SMCS-7051

i02690794

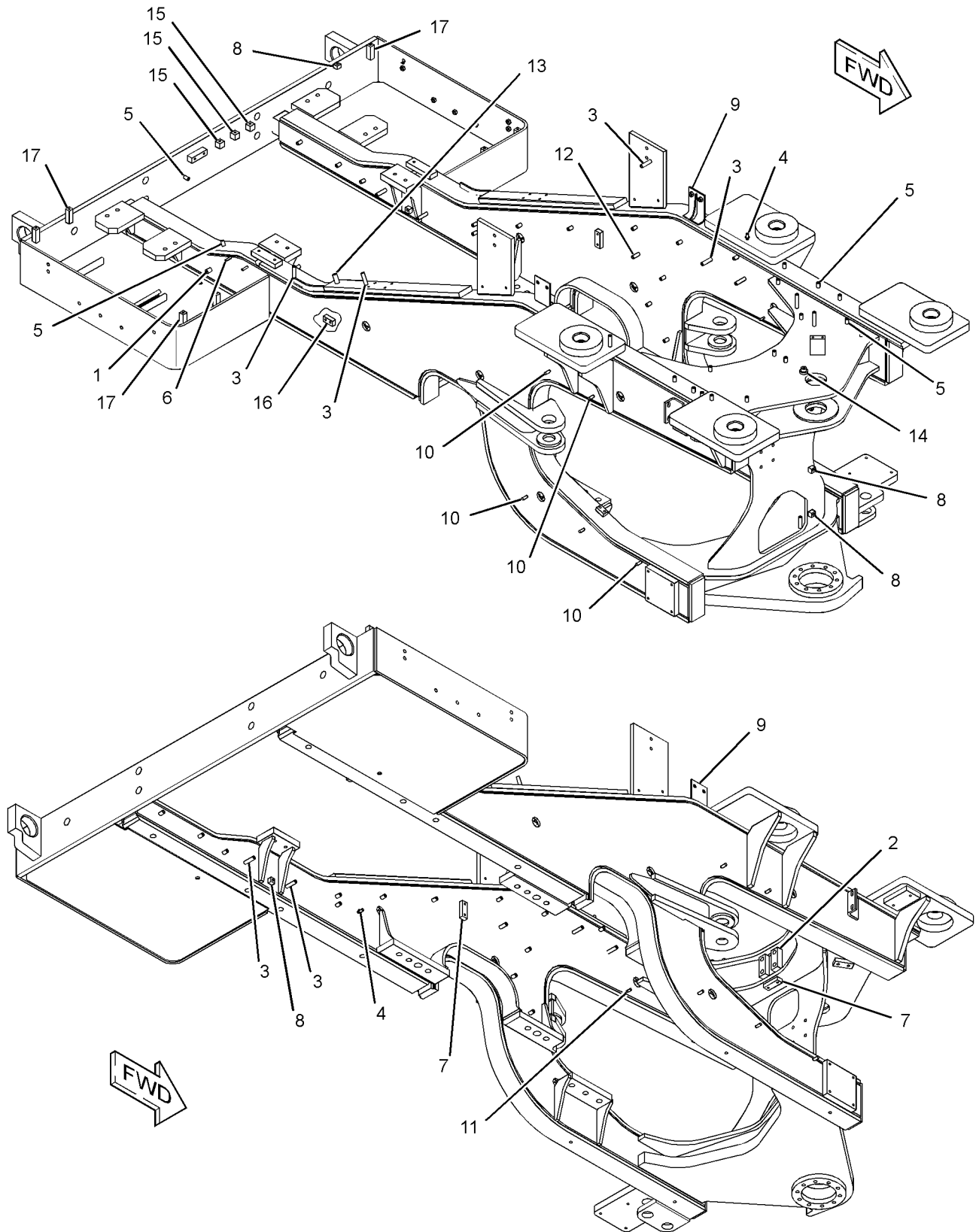
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	9R-2613	3	BOSS-WELD (M10X1.5X25-MM OAL)						
	2	1	4V-0368	1	BLOCK						
CM	3	1	7X-0752	10	BOSS-WELD (M10X1.5X65-MM OAL)						
CM	4	1	8T-3635	3	STUD-WELD (M12X1.75X34.93-MM OAL)						
M	5	1	8T-3851	40	BOSS-WELD (M10X1.5X17.5-MM)						
M	6	1	8T-7501	2	STUD-WELD (M10X1.5X38-MM)						
	7	1	9C-4935	2	PLATE						
	8	1	090-8247	4	BLOCK						
	9	1	263-7735	2	BRACKET AS						
					(EACH INCLUDES)						
M		1	8T-3597	2	NUT-WELD (M12X1.75-THD)						
M	10	1	112-9073	10	STUD-WELD (M12X1.75X21.1-MM)						
M	11	1	8T-4219	1	STUD-WELD (M10X1.5X17.5-MM)						
CM	12	1	8T-4935	3	BOSS-WELD (M10X1.5X45-MM)						
M	13	1	9R-9866	1	BOSS (M10X1.5X45-MM)						
	14	1	8Y-7023	1	LUG						
	15	1	9C-9446	3	BLOCK						
	16	1	9C-7929	1	BLOCK						
	17	1	3W-9117	8	BAR						

C- CHANGE FROM PREVIOUS TYPE
M- METRIC PART

FRAME AND BODY

227-0080 FRAME AS-REAR (contd.)

i02690794



GRAPHIC #1

<END>

g01375575

FRAME AND BODY

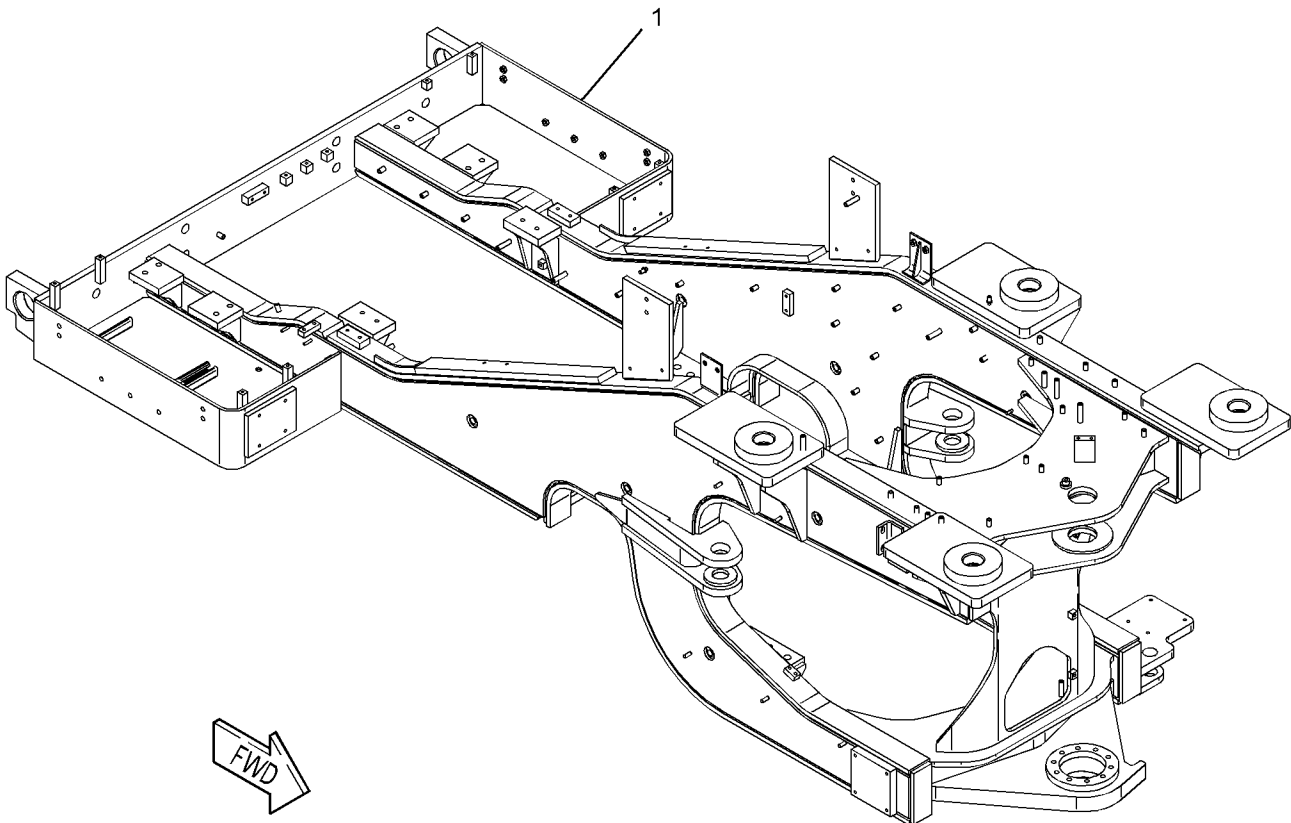
240 - 0354 FRAME AS - REAR

S/N: ASX1-UP
PART OF 240-0329 FENDER GP
AN ATTACHMENT

SMCS-7051

i02355453

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	227-0080	1	FRAME AS-REAR						514
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g01180681

FRAME AND BODY

240-0373 FRAME GP - FRONT

S/N: ASX1-UP

PART OF 226-9594, 300-6281 CHASSIS AR

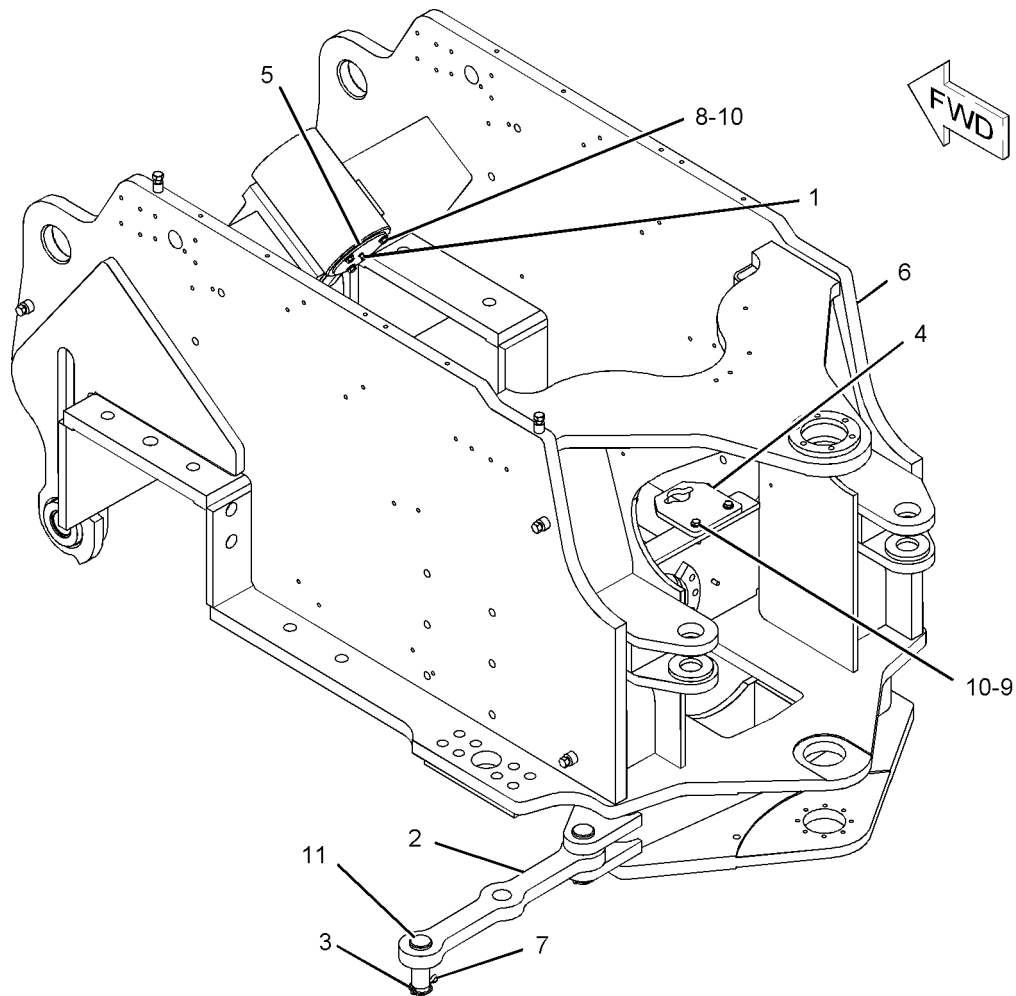
SMCS-7051

i02763845

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	3B-8485	1	FITTING-GREASE	
	2	1	3V-5899	1	LINK	
	3	1	103-5796	2	PIN-KEEPER	
	4	1	114-4751	1	PLATE	
	5	1	117-5161	1	COVER	
Y	6	1	240-0372	1	FRAME AS-FRONT	512
	7	1	3B-4647	2	PIN-COTTER	
M	8	1	8T-4192	3	BOLT (M12X1.75X25-MM)	
M	9	1	8T-4194	2	BOLT (M12X1.75X50-MM)	
	10	1	8T-4223	5	WASHER-HARD (13.5X25.5X3-MM THK)	
	11	1	9K-5639	2	PIN	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01031824

FRAME AND BODY

203 - 1525 GUARD GP - CRANKCASE

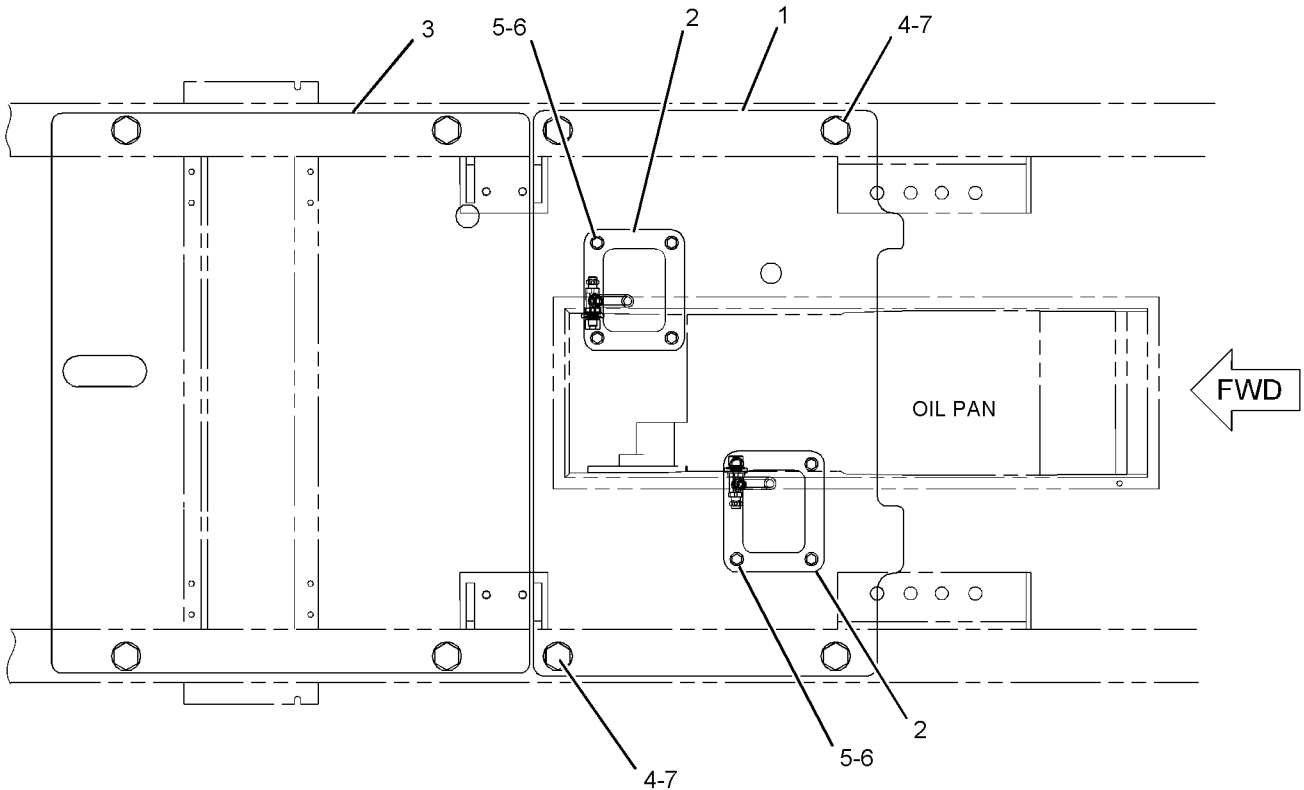
S/N: ASX1-169

PART OF 226-9594 CHASSIS AR

SMCS-7151

i02206444

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	207-1882	1	PLATE AS						
	2	1	207-1885	2	COVER						
	3	1	211-2183	1	PLATE						
M	4	1	7X-7900	8	BOLT (M30X3.5X50-MM)						
M	5	1	8T-4183	8	BOLT (M12X1.75X40-MM)						
	6	1	8T-4223	8	WASHER-HARD (13.5X25.5X3-MM THK)						
	7	1	9X-8258	8	WASHER (33X56X6-MM THK)						
M-METRIC PART											



GRAPHIC #1

<END>

g01118341

FRAME AND BODY

271 - 1719 GUARD GP - CRANKCASE

S/N: ASX170-UP

PART OF 226-9594, 300-6281 CHASSIS AR

SMCS-7151

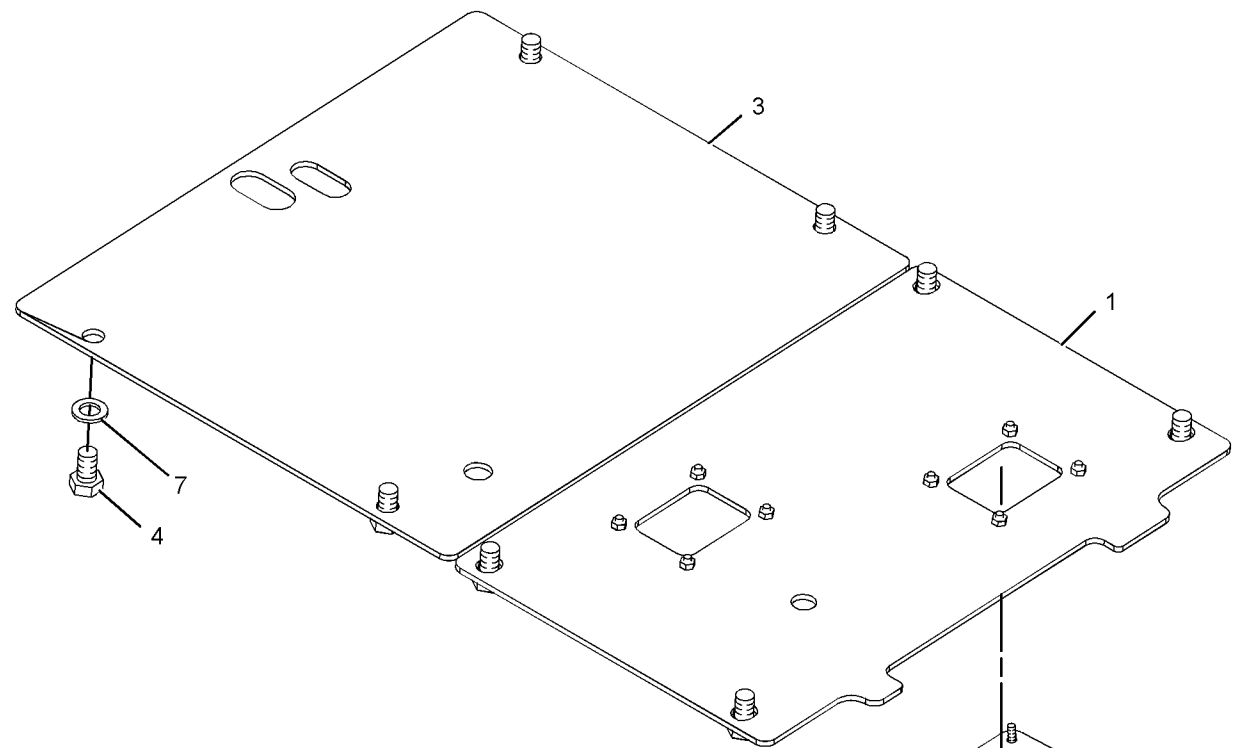
i02346384

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	207-1882	1	PLATE AS	
M		1	8T-3597	8	NUT-WELD (M12X1.75-THD)	
	2	1	207-1885	2	COVER	
	3	1	271-1715	1	PLATE	
M	4	1	7X-7900	8	BOLT (M30X3.5X50-MM)	
M	5	1	8T-4183	8	BOLT (M12X1.75X40-MM)	
	6	1	8T-4223	8	WASHER-HARD (13.5X25.5X3-MM THK)	
	7	1	9X-8258	8	WASHER (33X56X6-MM THK)	
M-METRIC PART						

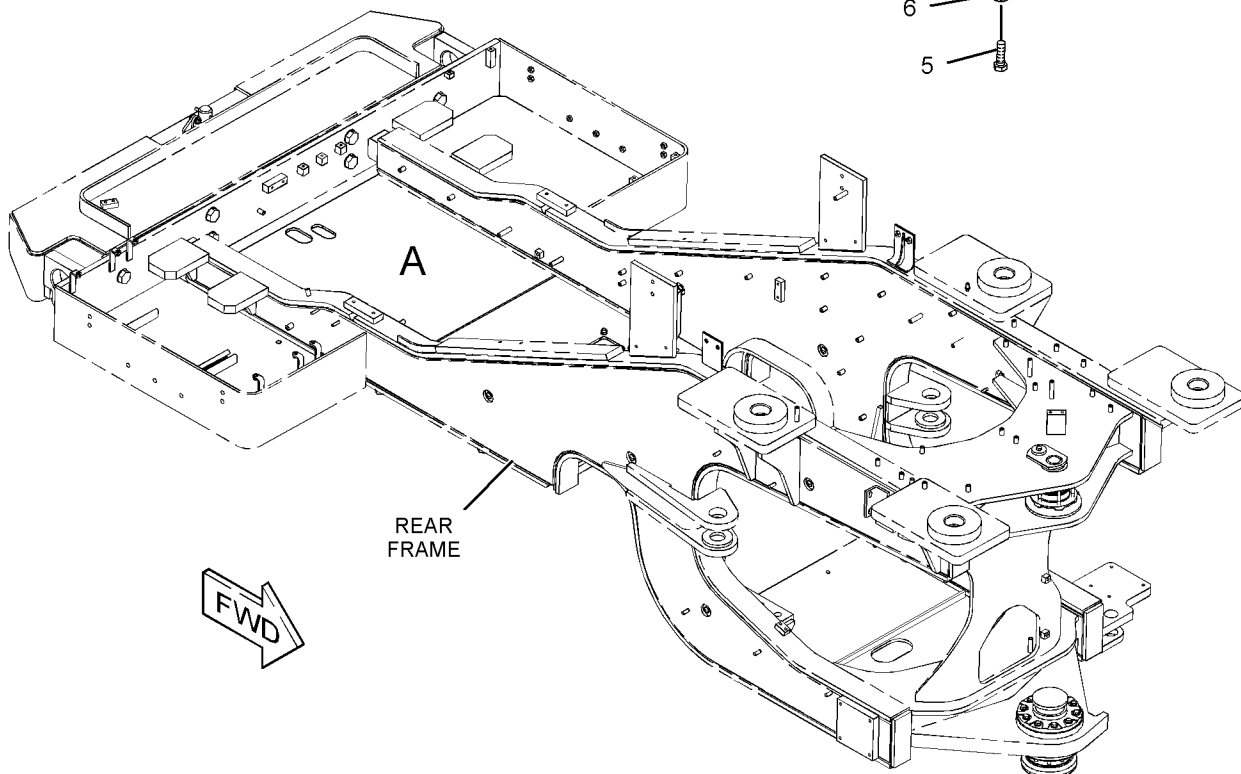
FRAME AND BODY

271-1719 GUARD GP - CRANKCASE (contd.)

i02346384



VIEW OF AREA A



GRAPHIC #1

<END>

g01172820

FRAME AND BODY

116-7371 GUARD GP-DRIVE SHAFT

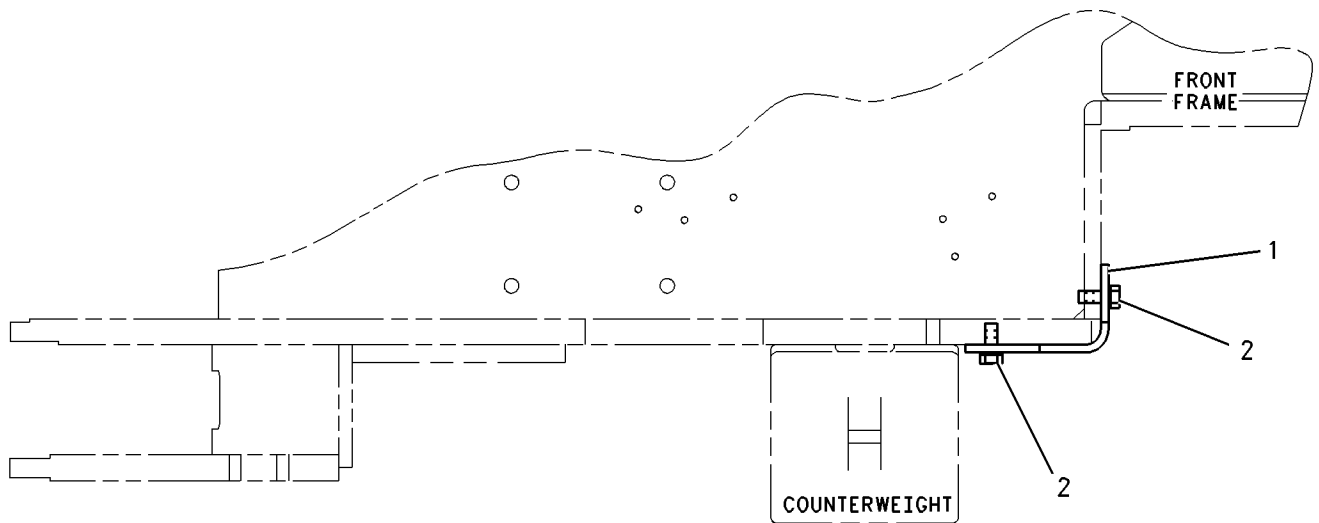
S/N: ASX1-UP

CANNOT BE USED WITH 116-7170—PAGE 481
AN ATTACHMENT

SMCS-7153

i01231679

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	133-8406	1	PLATE						
M	2	1	8T-5460	4	BOLT (M20X2.5X40MM)						
		1	7X-0582	4	WASHER-HARD (6MM THK)						
M-METRIC PART											



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g00658449

FRAME AND BODY

131-2167 GUARD GP-DRIVE SHAFT

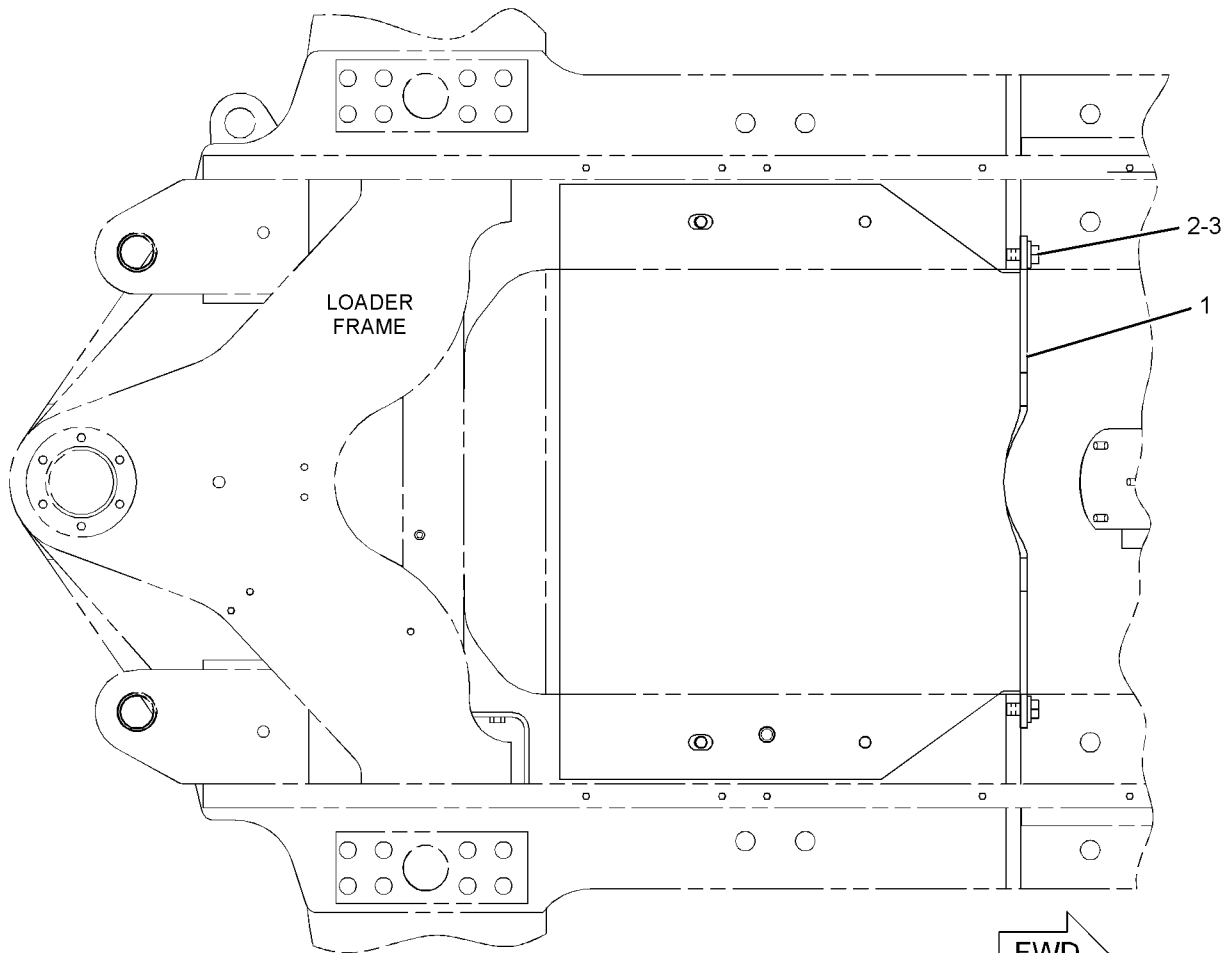
S/N: ASX1-UP

CANNOT BE USED WITH 116-7371 GUARD GP-DRIVE SHAFT, 116-7170 COUNTERWEIGHT GP
AN ATTACHMENT

SMCS-7153

i02216742

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	133-8405	1	GUARD AS						
	2	1	7X-0582	4	WASHER - HARD (20X44.5X6-MM THK)						
M	3	1	8T-5460	4	BOLT (M20X2.5X40-MM)						
M-METRIC PART											



TOP VIEW
<END>

GRAPHIC #1

g01118764

FRAME AND BODY

110-8061 GUARD GP-POWER TRAIN

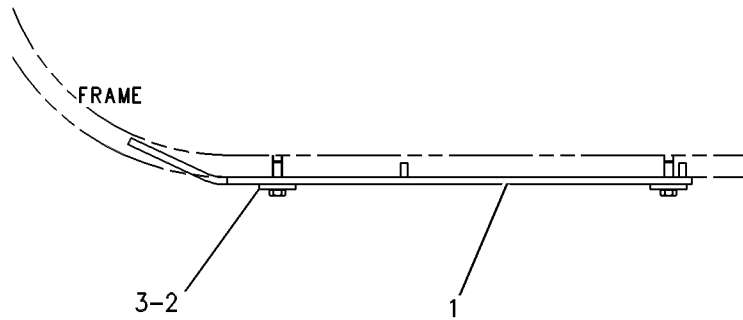
S/N: ASX1-UP

PART OF 226-9594, 300-6281 CHASSIS AR

SMCS-7153

i00173064

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	116-1964	1	PLATE AS	
M	2	1	8T-4193	4	BOLT (M16X2.0X50MM)	
	3	1	7X-3151	4	WASHER-SOFT	
M-METRIC PART						



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g00121061

FRAME AND BODY

226-0954 GUARD GP-RADIATOR

S/N: ASX1-UP

PART OF 226-9594, 300-6281 CHASSIS AR

SMCS-7155

i02206443

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	9S-8178	4	SPACER (0.891X1.625X1.5-IN THK)	
	2	1	175-1522	2	BRACKET AS	
	3	2	186-2617	1	CHANNEL AS	
	4	2	187-4455	1	SHEET	
Y	5	2	228-1538	1	GUARD GP-RADIATOR	529
	6	2	228-1543	1	PANEL AS (TOP)	
	7	2	228-1564	1	BAFFLE AS	
	8	1	228-1565	1	GRILL AS	
	9	1	5P-1076	4	WASHER-HARD (13.5X30X4-MM THK)	
M	10	1	7X-2564	4	BOLT (M20X2.5X90-MM)	
	11	1,2	7X-7729	24	WASHER (11X25X3-MM THK)	
M	12	1,2	8T-4136	14	BOLT (M10X1.5X25-MM)	
M	13	1,2	8T-4139	8	BOLT (M12X1.75X30-MM)	
M	14	2	8T-4195	10	BOLT (M10X1.5X30-MM)	
	15	2	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)	
	16	1,2	8T-5439	8	WASHER-HARD (21.5X45X6-MM THK)	
M	17	2	8T-6381	4	BOLT (M20X2.5X120-MM)	
D	18	1	5P-7211		SEAL (1.4-M)	

D-ORDER BY THE METER

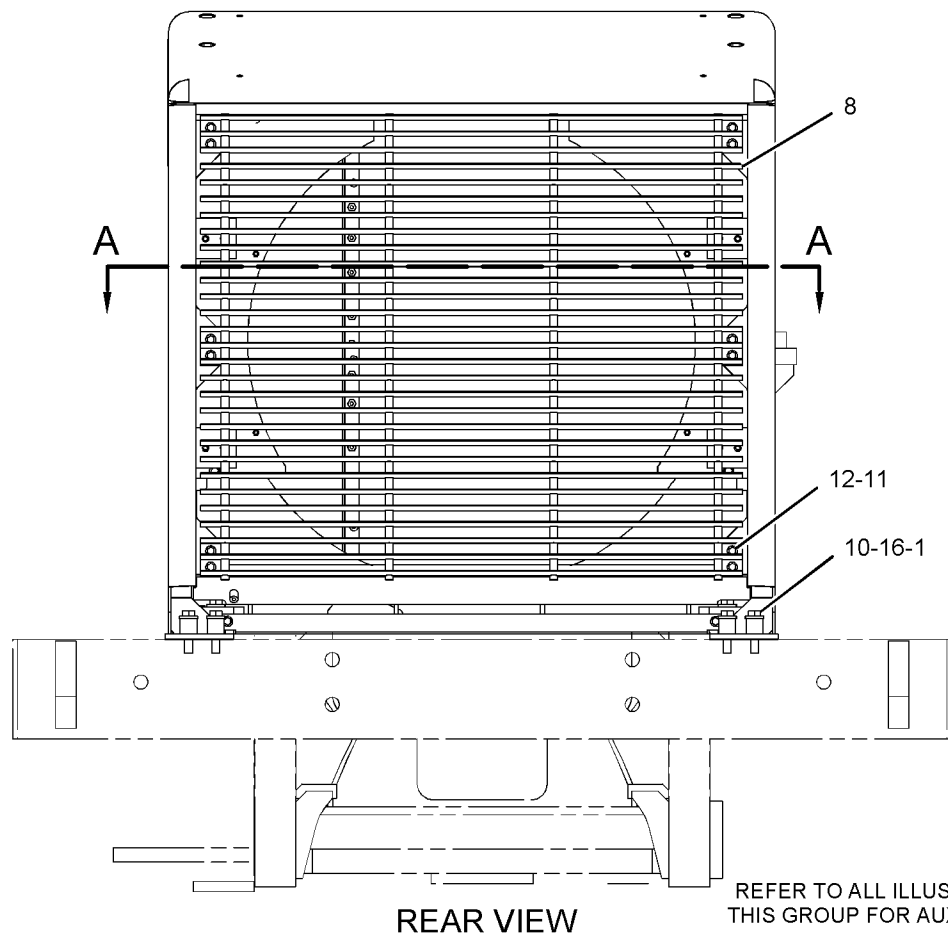
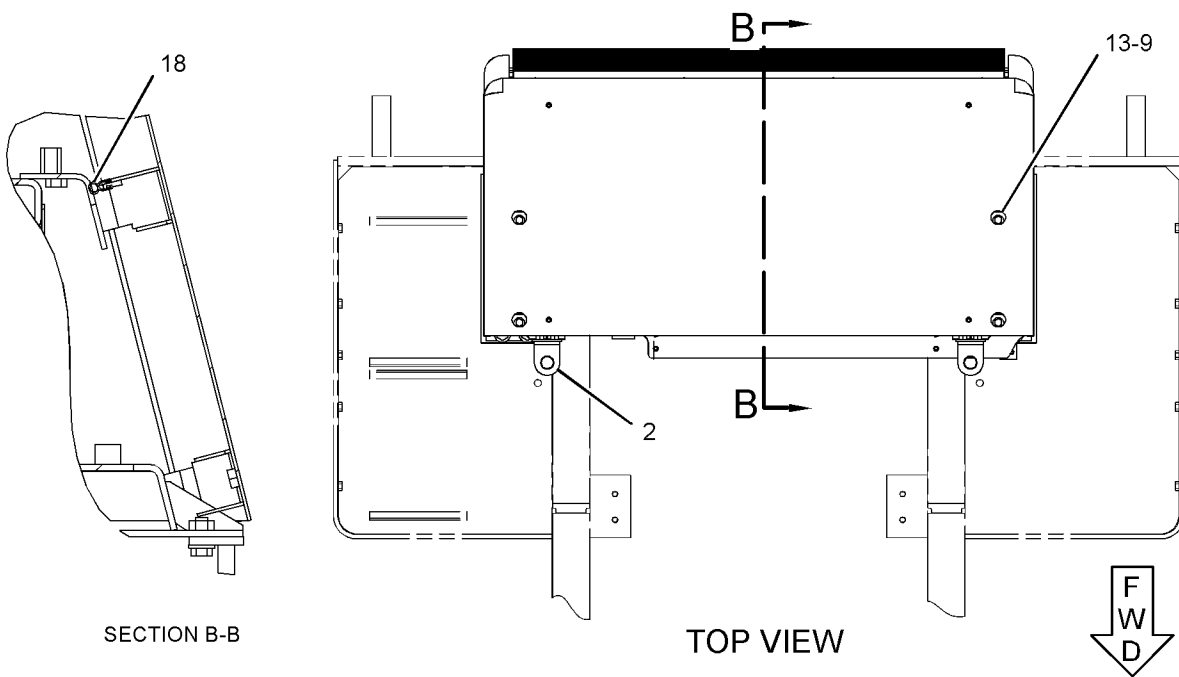
M-METRIC PART

Y-SEPARATE ILLUSTRATION

FRAME AND BODY

226-0954 GUARD GP - RADIATOR (contd.)

i02206443



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

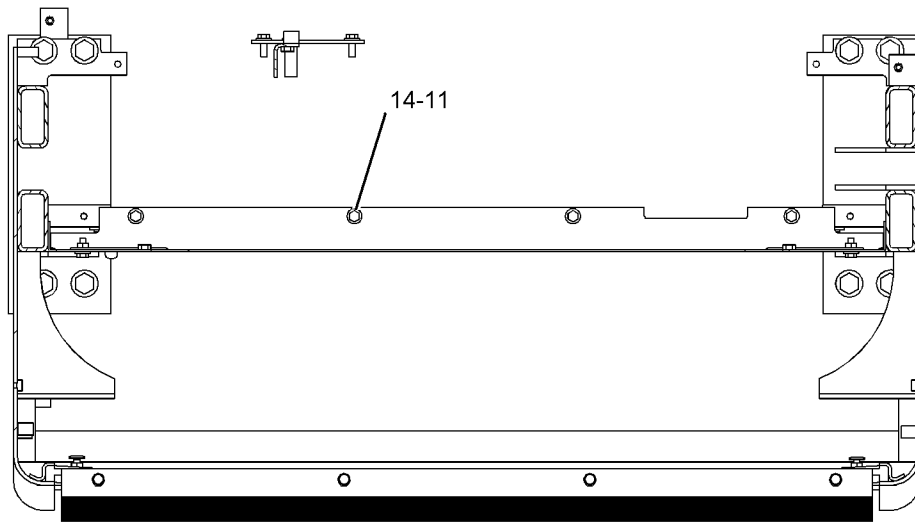
GRAPHIC #1

g01118768

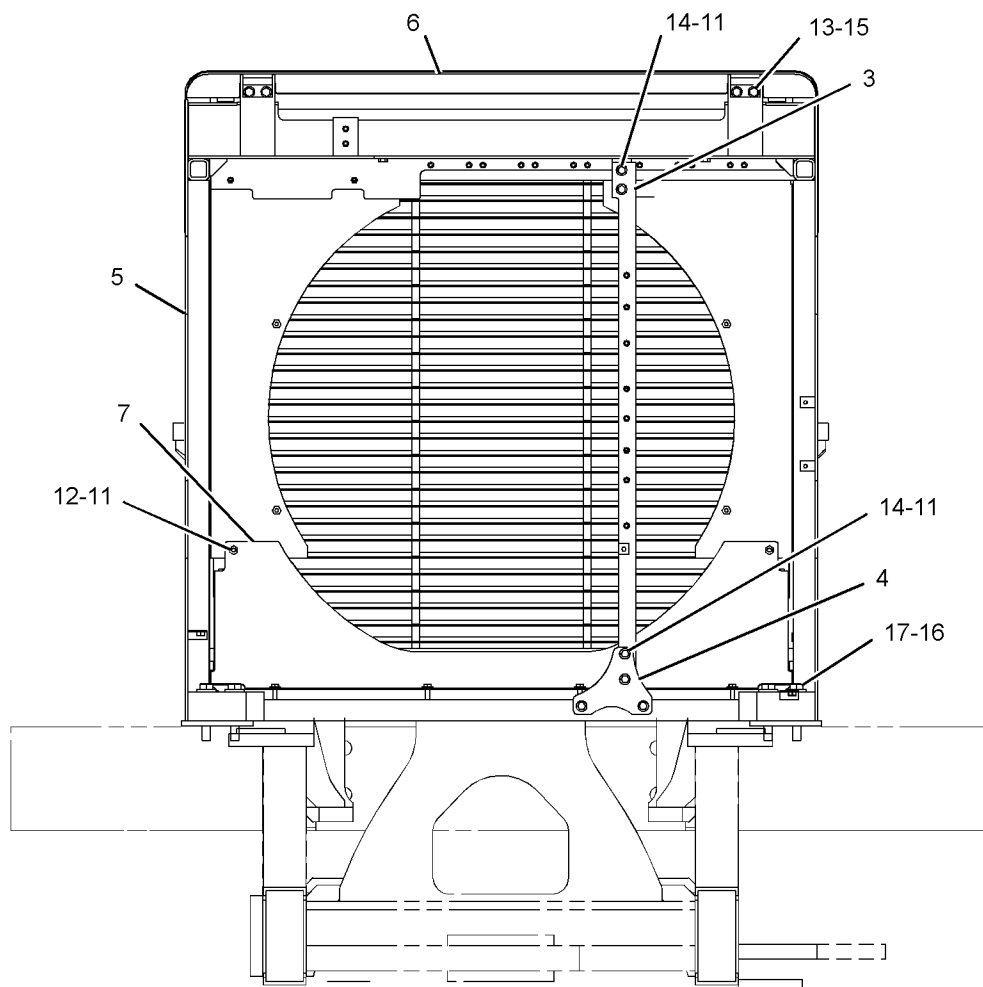
FRAME AND BODY

226-0954 GUARD GP - RADIATOR (contd.)

i02206443



SECTION A-A



FRONT VIEW

<END>

GRAPHIC #2

g01118766

FRAME AND BODY

228-1538 GUARD GP-RADIATOR

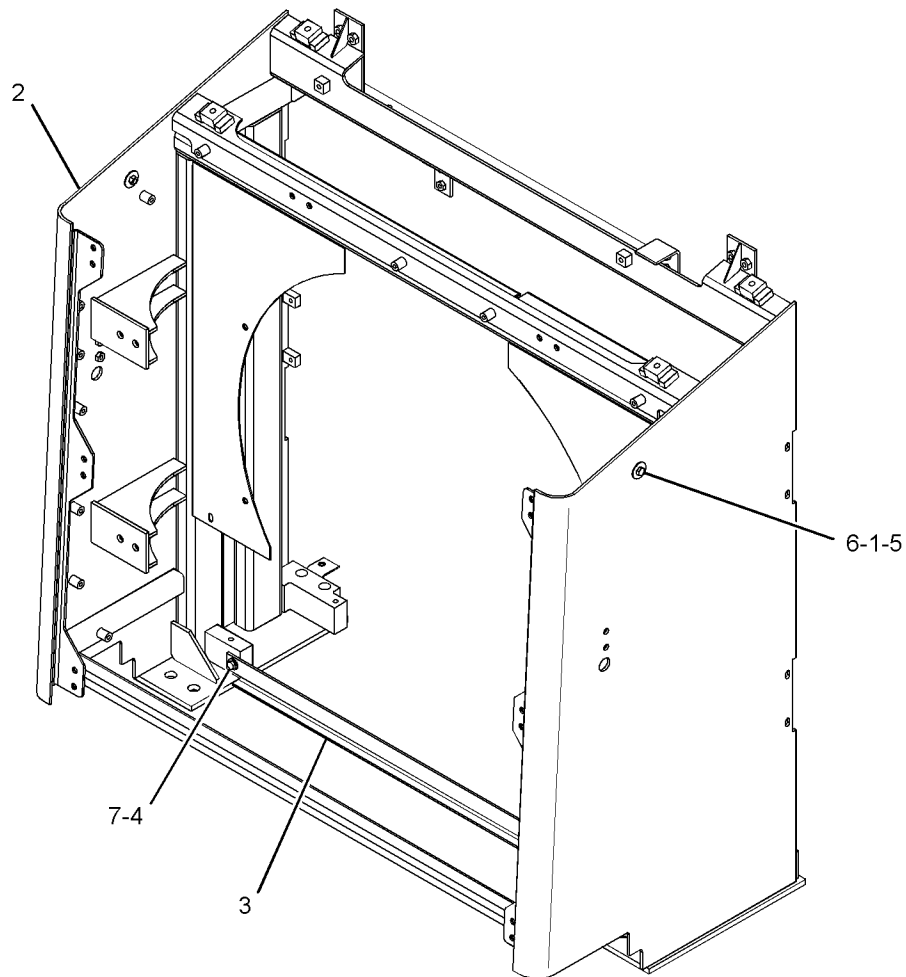
S/N: ASX1-UP

PART OF 226-0954 GUARD GP-RADIATOR

SMCS-7155

i02730641

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	089-7727	4	WASHER						
	2	1	226-0944	1	GUARD AS						
	3	1	228-1547	1	CHANNEL						
	4	1	7X-7729	2	WASHER (11X25X3-MM THK)						
M	5	1	8T-4133	2	NUT (M10X1.5-THD)						
M	6	1	8T-4137	2	BOLT (M10X1.5X20-MM)						
M	7	1	8T-4195	2	BOLT (M10X1.5X30-MM)						
M-METRIC PART											



GRAPHIC #1

<END>

g01375631

FRAME AND BODY

110-8050 HITCH GP-ARTICULATING

S/N: ASX1-UP

PART OF 226-9594, 300-6281 CHASSIS AR

SMCS-7057, 7100

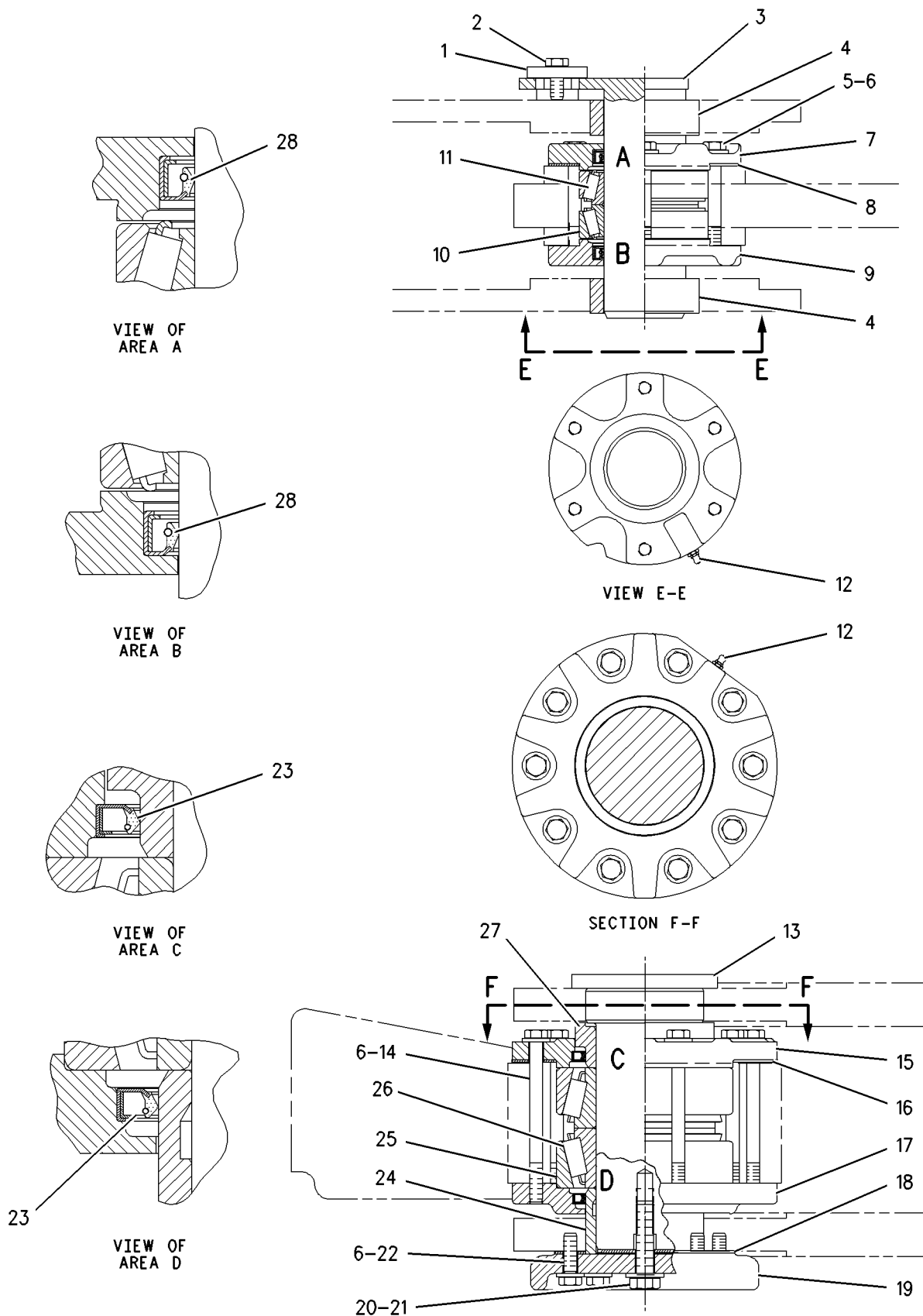
i02758483

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7T-5947	1	WASHER-RETAINING (13.5X55X10-MM THK)						
M	2	1	8T-4139	1	BOLT (M12X1.75X30-MM)						
	3	1	115-2955	1	PIN AS						
	4	1	4V-1901	2	BEARING-SLEEVE						
M	5	1	7X-2549	6	BOLT (M12X1.75X100-MM)						
	6	1	8T-4223	24	WASHER-HARD (13.5X25.5X3-MM THK)						
	7	1	1V-8852	1	CAP						
B	8	1	1V-8848	1	SHIM PACK (INCLUDES 20-SHIMS)						
	9	1	115-3183	1	CAP						
	10	1	7D-8637	2	CUP-BEARING						
	11	1	7D-8636	2	CONE-BEARING						
	12	1	3B-8489	2	FITTING-GREASE						
	13	1	115-2958	1	PIN-LOWER						
M	14	1	8T-5092	10	BOLT (M12X1.75X150-MM)						
	15	1	5K-3501	1	CAP-UPPER						
B	16	1	5K-3492	1	SHIM PACK (INCLUDES 19-SHIMS)						
	17	1	115-3184	1	CAP-LOWER						
B	18	1	5K-3489	1	SHIM PACK (INCLUDES 18-SHIMS)						
	19	1	131-6096	1	PLATE-LOCK						
M	20	1	8T-5878	2	BOLT (M24X3X80-MM)						
	21	1	8T-4167	2	WASHER-HARD (26X44X4-MM THK)						
M	22	1	8T-4183	8	BOLT (M12X1.75X40-MM)						
	23	1	3K-6454	2	SEAL-LIP TYPE (REAR FRAME)						
	24	1	5K-3491	1	SPACER						
	25	1	1J-2860	2	CUP-BEARING						
	26	1	1J-4757	2	CONE-BEARING						
	27	1	5K-3490	1	SPACER						
	28	1	6H-3999	2	SEAL-LIP TYPE (FRONT FRAME)						
					(THE FOLLOWING SHIM IS USED TO IMPROVE BOLT RETENTION ON MACHINE SERIAL #'S 2KR1-UP, 6RN1-UP, 4SN1-UP & 7LN1-UP)						
ABF			115-3185	1	SHIM						
A-NOT PART OF THIS GROUP B-USE AS REQUIRED F-NOT SHOWN M-METRIC PART											

FRAME AND BODY

110-8050 HITCH GP-ARTICULATING (contd.)

i02758483



<END>

g00889218

GRAPHIC #1

FRAME AND BODY

227-3116 HOOD GP

S/N: ASX1-248

PART OF 226-9594 CHASSIS AR

SMCS-7251

i02322149

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	4E-2732	1	ROD AS	
		2	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)	
	2	1,3	4M-7470	4	GROMMET	
	3	2,3	6S-6251	6	MOUNT	
	4	1,2,3	7T-8331	4	MOUNT AS	
	5	3	8Y-5743	1	SOCKET-LATCH	
	6	3	9R-8538	1	PLUNGER (LATCH)	
	7	2,3	189-5547	2	BRACKET AS	
	8	1,3	196-5370	2	ROD AS	
	9	2,3	201-3939	2	ROD	
	10	2,3	215-9274	2	BRACKET	
	11	2	226-6571	1	PIPE AS-EXHAUST	
	12	2	227-2536	1	RAIL AS (LH)	
M		2	8T-3597	9	NUT-WELD (M12X1.75-THD)	
	13	2	227-2602	1	RAIL AS (RH)	
M		2	8T-3597	9	NUT-WELD (M12X1.75-THD)	
Y	14	2	227-4049	1	DOOR GP-ACCESS (HOOD, RH)	485
Y	15	3	227-4052	1	DOOR GP-ACCESS (HOOD, LH)	486
	16	2,3	227-4379	2	POST AS	
					(EACH INCLUDES)	
M		2,3	8T-3597	2	NUT-WELD (M12X1.75-THD)	
M		2,3	8T-3490	4	NUT-WELD (M10X1.5-THD)	
	17	2	228-2711	1	SHEET AS (RH)	
M		2	8T-3597	2	NUT-WELD (M12X1.75-THD)	
	18	3	228-2714	1	SHEET AS (LH)	
M		3	8T-3597	2	NUT-WELD (M12X1.75-THD)	
Y	19	2	228-3201	1	DOOR GP-ACCESS (RADIATOR GUARD SIDE, RH)	487
Y	20	2	228-3206	1	DOOR GP-ACCESS (HOOD TOP)	488
Y	21	3	228-3209	1	DOOR GP-ACCESS (RADIATOR GUARD SIDE, LH)	489
	22	2	228-3317	1	SUPPORT AS (LH)	
M		2	8T-3490	8	NUT-WELD (M10X1.5-THD)	
M		2	8T-3597	1	NUT-WELD (M12X1.75-THD)	
	23	3	228-3320	1	SUPPORT AS (RH)	
M		3	8T-3490	8	NUT-WELD (M10X1.5-THD)	
M		3	8T-3597	1	NUT-WELD (M12X1.75-THD)	
		3	090-8247	2	BLOCK	
	24	2	277-5387	1	SUPPORT AS (LH)	
	25	3	277-5388	1	SUPPORT AS (RH)	
Y	26	3	228-3734	1	DOOR GP-ACCESS (HOOD FRONT, LH)	490
	27	2	228-6982	1	PANEL AS-HOOD (TOP CENTER, FRONT)	
M		2	8T-3490	3	NUT-WELD (M10X1.5-THD)	
	28	2	228-9661	1	COVER (RH)	
	29	2	228-9662	1	COVER (LH)	
	30	2	296-9938	1	PANEL	
	31	3	296-9939	1	PANEL (LH)	
	32	3	229-8398	1	STRIP	
	33	2	229-8399	1	STRIP	
	34	3	229-8411	1	PLATE AS	
M		3	8T-3490	2	NUT-WELD (M10X1.5-THD)	
	35	3	229-8412	1	PLATE AS	
M		3	8T-3490	3	NUT-WELD (M10X1.5-THD)	
	36	3	273-1821	1	COVER AS	
M		3	8T-3490	4	NUT-WELD (M10X1.5-THD)	
	37	3	230-4543	1	BRACKET AS (RH)	
M		3	8T-3597	2	NUT-WELD (M12X1.75-THD)	
	38	2	230-4545	1	BRACKET AS (LH)	

FRAME AND BODY

227-3116 HOOD GP (contd.)

i02322149

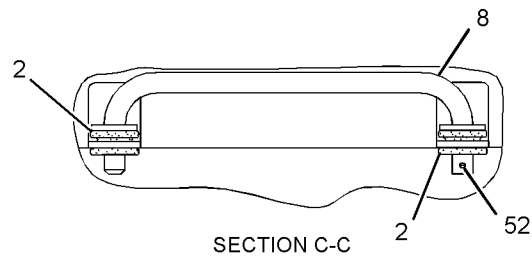
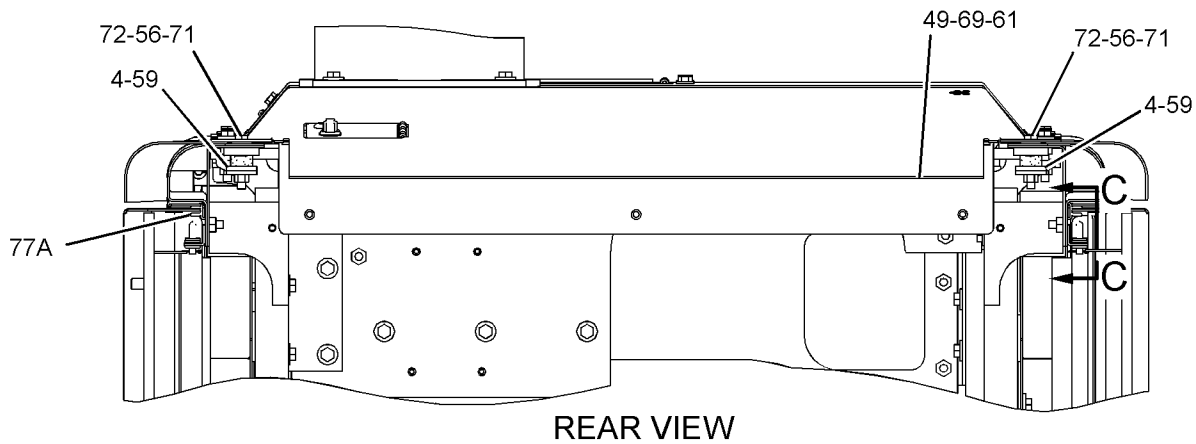
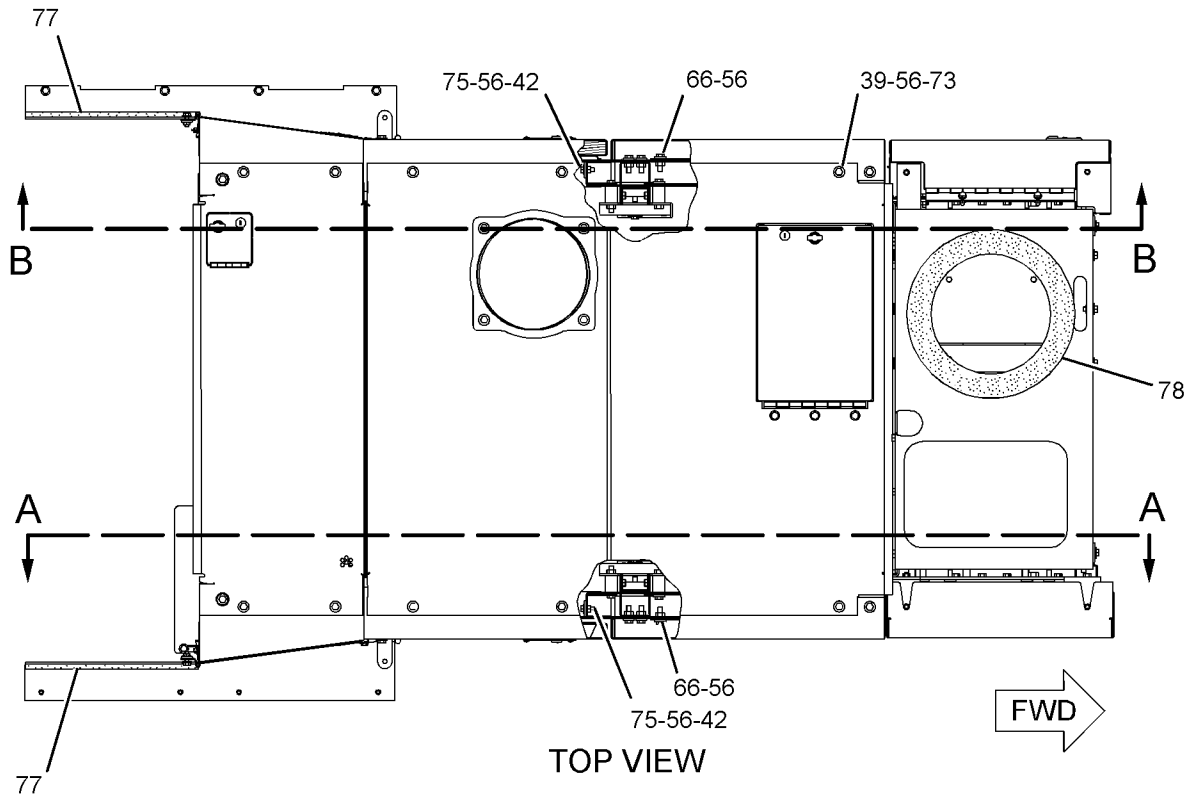
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M		2	8T-3597	2	NUT-WELD (M12X1.75-THD)						
Y	39	1,2	271-2779	1	PANEL GP-HOOD						549
	40	2	275-0647	1	PANEL AS						
		2	117-8721	4	LUG (M10X1.5-THD)						
		2	7T-1099	2	LINK						
M		2	9R-2613	2	BOSS-WELD (M10X1.5X25-MM OAL)						
	41	2	272-2519	1	COVER						
	42	1	239-2250	2	BRACKET AS						
					(EACH INCLUDES)						
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)						
Y	43	2	257-2009	1	PANEL GP-HOOD (TOP REAR)						548
	44	2,3	262-2952	4	BRACKET AS						
Y	45	2	263-5462	1	SUPPORT GP-AIR INLET						568
	46	2,3	263-5463	2	BRACKET						
	47	2	263-5464	1	BRACKET						
	48	3	263-5465	1	BRACKET						
	49	1	263-7282	1	BRACKET AS						
	50	2	263-7737	1	PLATE AS						
	51	3	263-8313	1	BRACKET AS						
	52	1,2,3	3B-4610	3	PIN-COTTER						
	53	2,3	4H-2558	4	GROMMET						
M	54	3	5C-2890	2	NUT (M6X1-THD)						
M	55	3	5C-9553	1	BOLT (M6X1X16-MM)						
	56	1,2,3	5P-1076	91	WASHER-HARD (13.5X30X4-MM THK)						
	57	3	5P-4115	3	WASHER-HARD (7.2X19X2-MM THK)						
	58	2,3	7X-0515	4	WASHER-HARD (17X35X5-MM THK)						
	59	1,2,3	7X-0590	10	WASHER-HARD (13.5X44.5X6-MM THK)						
	60	2,3	7X-0618	6	WASHER-HARD (13.5X40X5-MM THK)						
	61	1,2,3	7X-7729	35	WASHER (11X25X3-MM THK)						
	62	2,3	8D-3786	6	MOUNTING						
	63	2	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)						
M	64	3	8T-4137	5	BOLT (M10X1.5X20-MM)						
M	65	2,3	8T-4139	39	BOLT (M12X1.75X30-MM)						
M	66	1,2,3	8T-4183	22	BOLT (M12X1.75X40-MM)						
M	67	2,3	8T-4193	4	BOLT (M16X2X50-MM)						
M	68	2,3	8T-4194	10	BOLT (M12X1.75X50-MM)						
M	69	1,2,3	8T-4195	33	BOLT (M10X1.5X30-MM)						
	70	2	8T-4226	1	WASHER-PLATED (10.5X45X3-MM THK)						
M	71	1,2,3	8T-4244	4	NUT (M12X1.75-THD)						
M	72	1,2,3	8T-4648	6	BOLT (M12X1.75X70-MM)						
M	73	1,2	8T-4956	16	BOLT (M12X1.75X35-MM)						
M	74	3	8T-4971	1	BOLT (M6X1X30-MM)						
M	75	1,2,3	8T-6868	10	BOLT (M12X1.75X80-MM)						
D	76	2,3	5P-7483		SEAL (0.39-M EACH)						
D	76A	3	5P-7483		SEAL (0.36-M EACH)						
D	76B	2	5P-7483		SEAL (2-M EACH)						
D	76C	3	5P-7483		SEAL (0.11-M EACH)						
D	76D	3	5P-7483		SEAL (0.32-M)						
E	77	1	126-8472		SEAL (47-CM EACH)						
E	77A	1	126-8472		SEAL (41-CM EACH)						
E	77B	3	126-8472		SEAL (118-CM EACH)						
E	77C	2	126-8472		SEAL (103-CM)						
	78	1	233-4844	1	BAFFLE						
	79	2,3	7X-0550	8	WASHER-HARD (13.5X32X5-MM THK)						

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

FRAME AND BODY

227-3116 HOOD GP (contd.)

i02322149



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

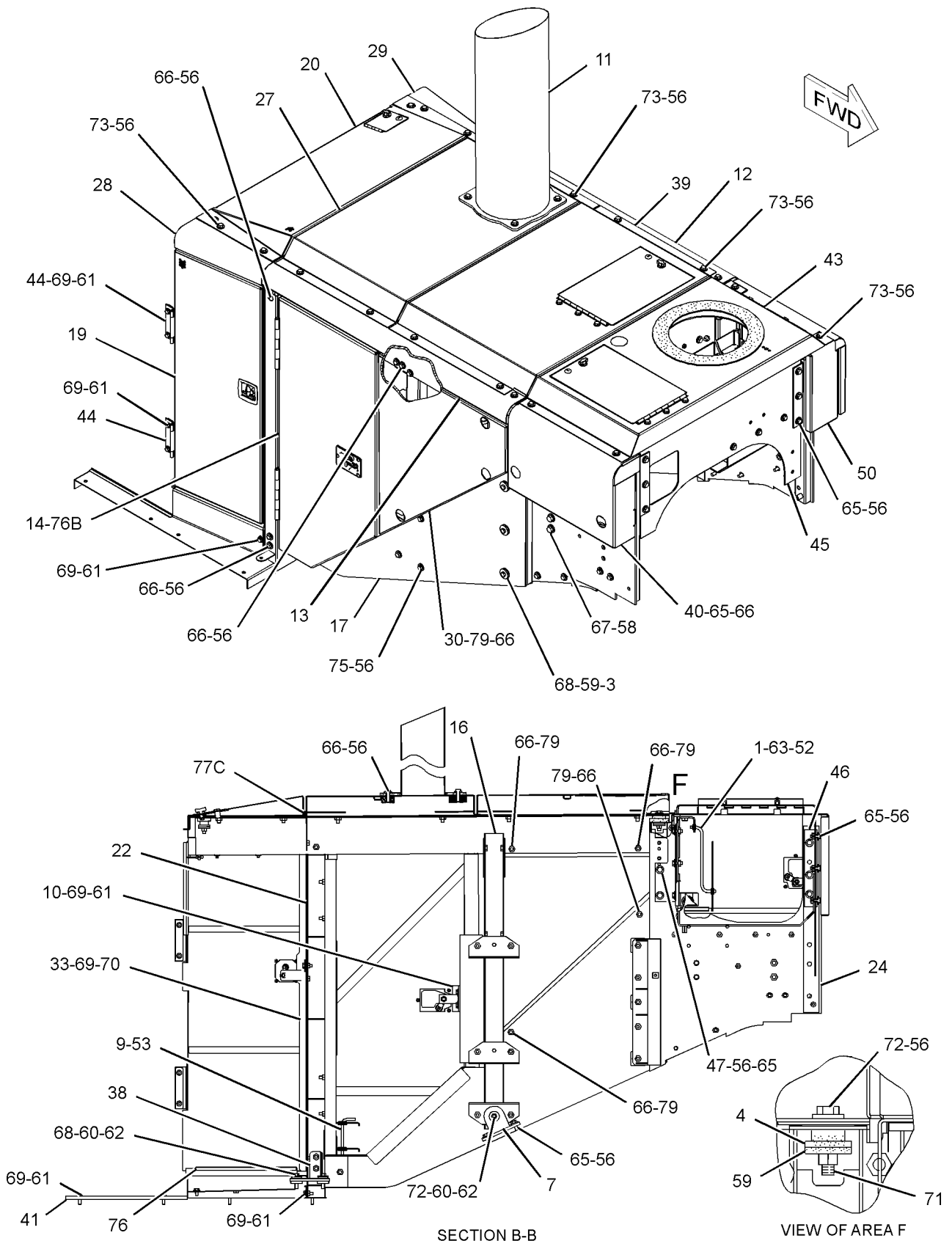
GRAPHIC #1

g01356935

FRAME AND BODY

227-3116 HOOD GP (contd.)

i02322149



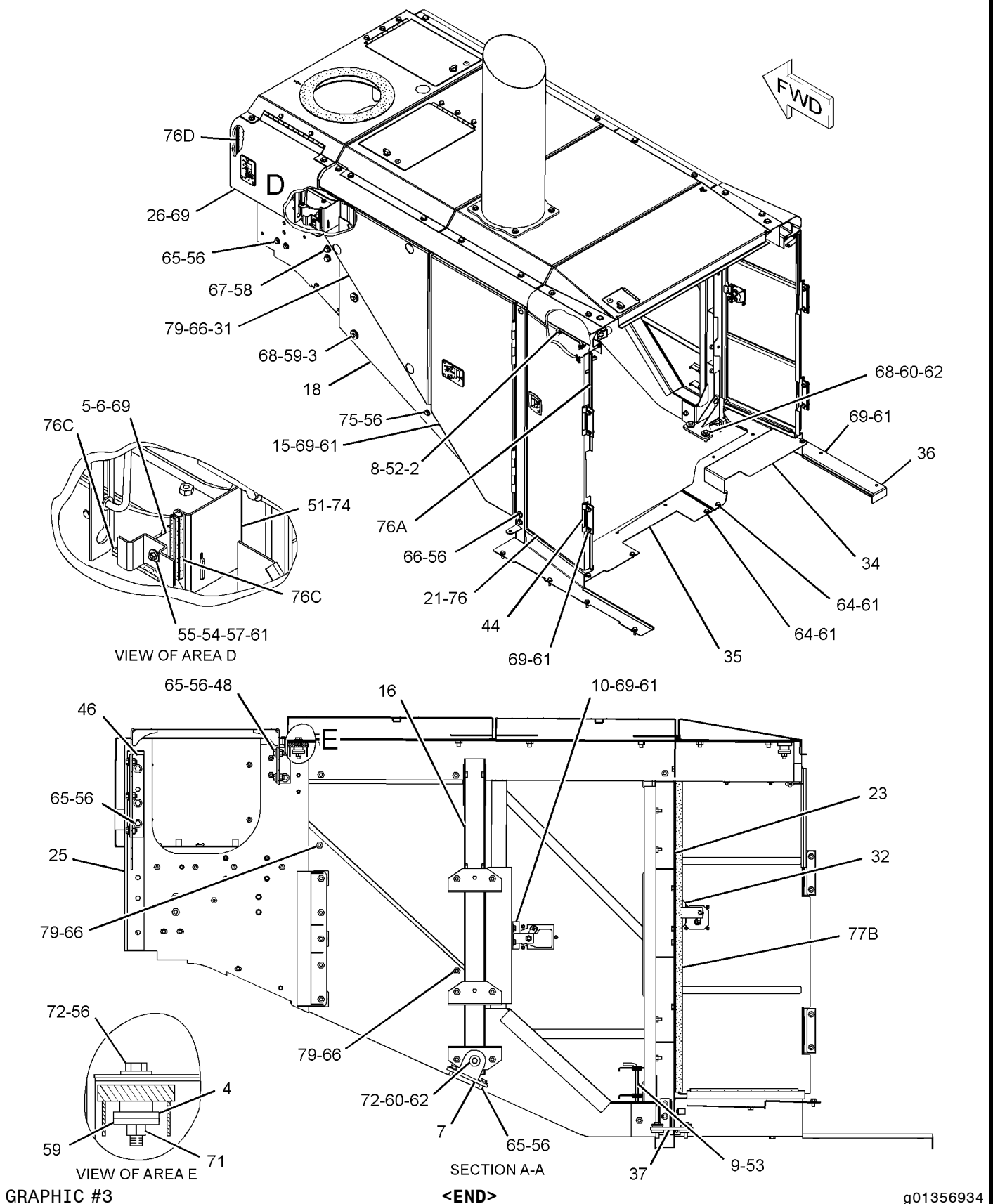
GRAPHIC #2

g01356933

FRAME AND BODY

227-3116 HOOD GP (contd.)

i02322149



FRAME AND BODY

227-3116 HOOD GP

S/N: ASX249-UP

PART OF 226-9594, 300-6281 CHASSIS AR

SMCS-7251

i02683987

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	4E-2732	1	ROD AS	
		2	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)	
	2	1,3	4M-7470	4	GROMMET	
	3	2,3	6S-6251	6	MOUNT	
	4	1,2,3	7T-8331	4	MOUNT AS	
	5	3	8Y-5743	1	SOCKET-LATCH	
	6	3	9R-8538	1	PLUNGER (LATCH)	
	7	2,3	189-5547	2	BRACKET AS	
	8	1,3	196-5370	2	ROD AS	
	9	2,3	201-3939	2	ROD	
	10	2,3	215-9274	2	BRACKET	
	11	2	226-6571	1	PIPE AS-EXHAUST	
	12	2	227-2536	1	RAIL AS (LH)	
M		2	8T-3597	9	NUT-WELD (M12X1.75-THD)	
	13	2	227-2602	1	RAIL AS (RH)	
M		2	8T-3597	9	NUT-WELD (M12X1.75-THD)	
Y	14	2	227-4049	1	DOOR GP-ACCESS (HOOD, RH)	485
Y	15	3	227-4052	1	DOOR GP-ACCESS (HOOD, LH)	486
	16	2,3	227-4379	2	POST AS	
					(EACH INCLUDES)	
M		2,3	8T-3597	2	NUT-WELD (M12X1.75-THD)	
M		2,3	8T-3490	4	NUT-WELD (M10X1.5-THD)	
	17	2	228-2711	1	SHEET AS (RH)	
M		2	8T-3597	2	NUT-WELD (M12X1.75-THD)	
	18	3	228-2714	1	SHEET AS (LH)	
M		3	8T-3597	2	NUT-WELD (M12X1.75-THD)	
	19	2	228-3317	1	SUPPORT AS (LH)	
M		2	8T-3490	8	NUT-WELD (M10X1.5-THD)	
M		2	8T-3597	1	NUT-WELD (M12X1.75-THD)	
	20	3	228-3320	1	SUPPORT AS (RH)	
M		3	8T-3490	8	NUT-WELD (M10X1.5-THD)	
M		3	8T-3597	1	NUT-WELD (M12X1.75-THD)	
		3	090-8247	2	BLOCK	
Y	21	3	228-3734	1	DOOR GP-ACCESS (HOOD FRONT, LH)	490
	22	2	228-6982	1	PANEL AS-HOOD (TOP CENTER, FRONT)	
M		2	8T-3490	3	NUT-WELD (M10X1.5-THD)	
	23	3	229-8398	1	STRIP	
	24	2	229-8399	1	STRIP	
	25	3	229-8411	1	PLATE AS	
M		3	8T-3490	2	NUT-WELD (M10X1.5-THD)	
	26	3	229-8412	1	PLATE AS	
M		3	8T-3490	3	NUT-WELD (M10X1.5-THD)	
	27	3	230-4543	1	BRACKET AS (RH)	
M		3	8T-3597	2	NUT-WELD (M12X1.75-THD)	
	28	2	230-4545	1	BRACKET AS (LH)	
M		2	8T-3597	2	NUT-WELD (M12X1.75-THD)	
	29	1	233-4844	1	BAFFLE	
	30	1	239-2250	2	BRACKET AS	
					(EACH INCLUDES)	
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)	
Y	31	2	257-2009	1	PANEL GP-HOOD (TOP REAR)	548
	32	2,3	262-2952	4	BRACKET AS	
Y	33	2	263-5462	1	SUPPORT GP-AIR INLET	568
	34	2,3	263-5463	2	BRACKET	
	35	2	263-5464	1	BRACKET	
	36	1	263-7282	1	BRACKET AS	

FRAME AND BODY

227-3116 HOOD GP (contd.)

i02683987

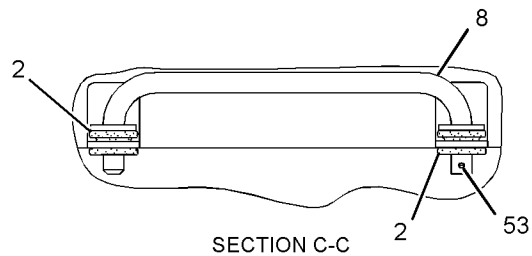
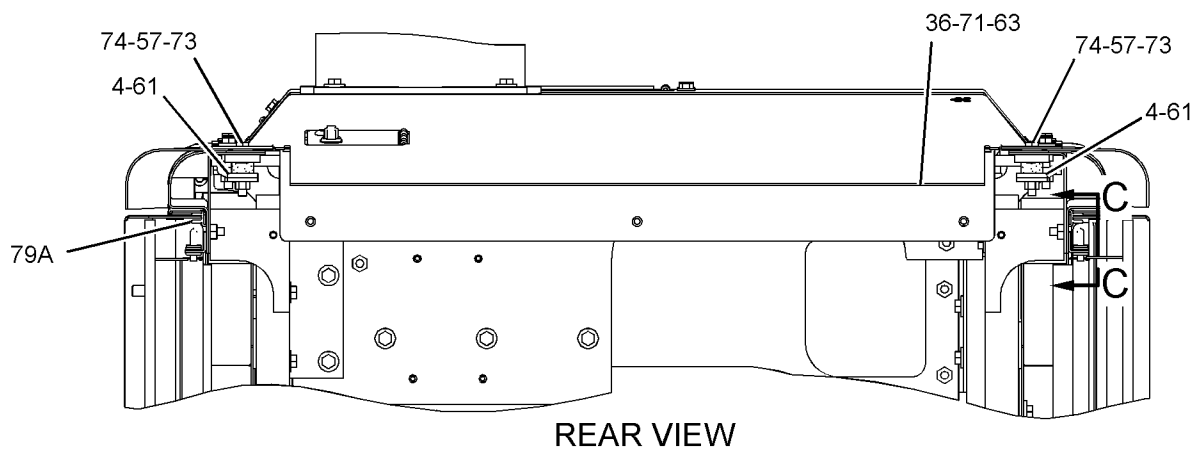
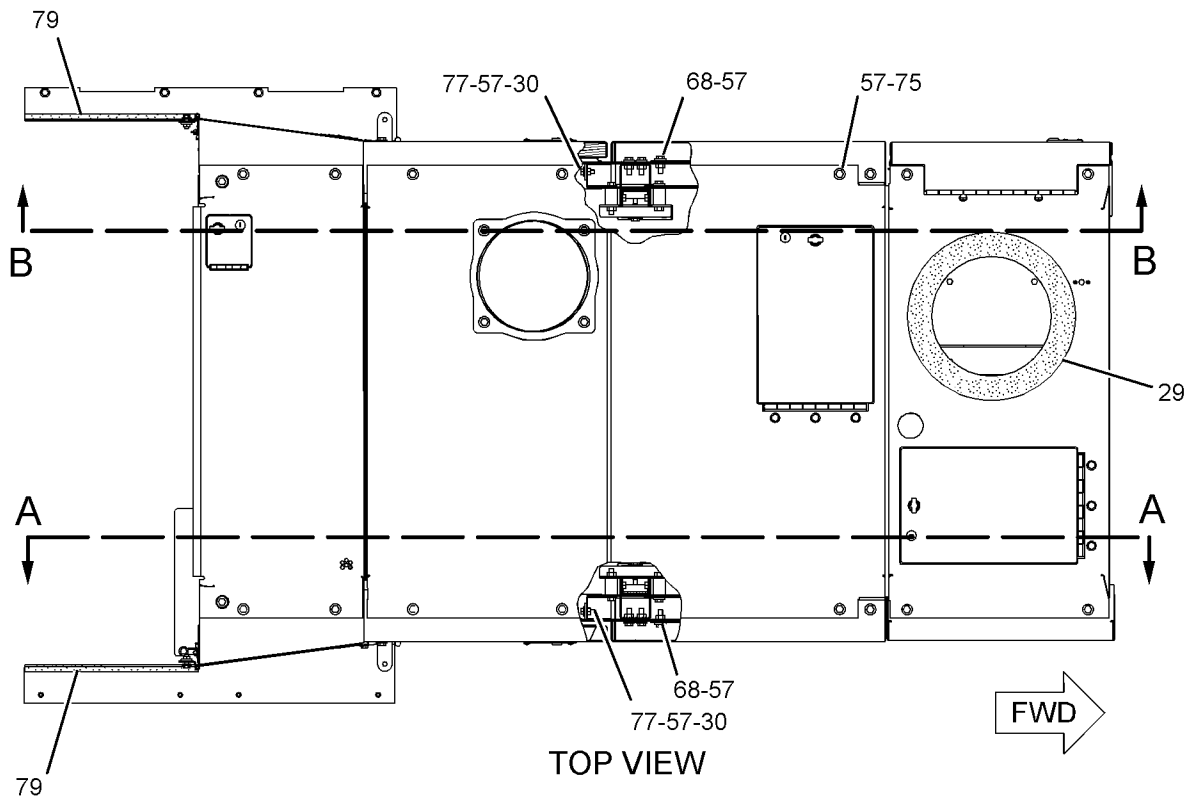
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	37	2	263-7737	1	PLATE AS	
	38	3	263-8313	1	BRACKET AS	
Y	39	2	271-2779	1	PANEL GP-HOOD	549
	40	2	272-2519	1	COVER	
	41	3	273-1821	1	COVER AS	
M		3	8T-3490	4	NUT-WELD (M10X1.5-THD)	
	42	2	275-0647	1	PANEL AS	
		2	117-8721	4	LUG (M10X1.5-THD)	
		2	7T-1099	2	LINK	
	43	2	277-5387	1	SUPPORT AS (LH)	
C	44	3	293-6084	1	BRACKET	
C	45	3	294-2103	1	SUPPORT AS (RH)	
	46	2	296-9938	1	PANEL (RH)	
	47	3	296-9939	1	PANEL (LH)	
CY	48	2	302-2194	1	DOOR GP-ACCESS (RADIATOR GUARD SIDE, RH)	499
CY	49	3	302-2195	1	DOOR GP-ACCESS (RADIATOR GUARD SIDE, LH)	500
CY	50	2	302-2196	1	DOOR GP-ACCESS (HOOD TOP)	501
C	51	2	302-2356	1	COVER (RH)	
C	52	2	302-2357	1	COVER (LH)	
	53	1,2,3	3B-4610	3	PIN-COTTER	
	54	2,3	4H-2558	4	GROMMET	
M	55	3	5C-2890	2	NUT (M6X1-THD)	
M	56	3	5C-9553	1	BOLT (M6X1X16-MM)	
	57	1,2,3	5P-1076	83	WASHER-HARD (13.5X30X4-MM THK)	
	58	3	5P-4115	3	WASHER-HARD (7.2X19X2-MM THK)	
	59	2,3	7X-0515	4	WASHER-HARD (17X35X5-MM THK)	
	60	2,3	7X-0550	8	WASHER-HARD (13.5X32X5-MM THK)	
	61	1,2,3	7X-0590	10	WASHER-HARD (13.5X44.5X6-MM THK)	
	62	2,3	7X-0618	6	WASHER-HARD (13.5X40X5-MM THK)	
	63	1,2,3	7X-7729	35	WASHER (11X25X3-MM THK)	
	64	2,3	8D-3786	6	MOUNTING	
	65	2	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)	
M	66	3	8T-4137	5	BOLT (M10X1.5X20-MM)	
M	67	2,3	8T-4139	39	BOLT (M12X1.75X30-MM)	
M	68	1,2,3	8T-4183	22	BOLT (M12X1.75X40-MM)	
M	69	2,3	8T-4193	4	BOLT (M16X2X50-MM)	
M	70	2,3	8T-4194	10	BOLT (M12X1.75X50-MM)	
M	71	1,2,3	8T-4195	33	BOLT (M10X1.5X30-MM)	
	72	2	8T-4226	1	WASHER-PLATED (10.5X45X3-MM THK)	
M	73	1,2,3	8T-4244	4	NUT (M12X1.75-THD)	
M	74	1,2,3	8T-4648	6	BOLT (M12X1.75X70-MM)	
M	75	1,2	8T-4956	16	BOLT (M12X1.75X35-MM)	
M	76	3	8T-4971	1	BOLT (M6X1X30-MM)	
M	77	1,2,3	8T-6868	10	BOLT (M12X1.75X80-MM)	
D	78	2,3	5P-7483		SEAL (0.39-M EACH)	
D	78A	3	5P-7483		SEAL (0.36-M EACH)	
D	78B	2	5P-7483		SEAL (2-M EACH)	
D	78C	3	5P-7483		SEAL (0.11-M EACH)	
D	78D	3	5P-7483		SEAL (0.32-M)	
E	79	1	126-8472		SEAL (47-CM EACH)	
E	79A	1	126-8472		SEAL (41-CM EACH)	
E	79B	3	126-8472		SEAL (118-CM EACH)	
E	79C	2	126-8472		SEAL (103-CM)	

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

FRAME AND BODY

227-3116 HOOD GP (contd.)

i02683987



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

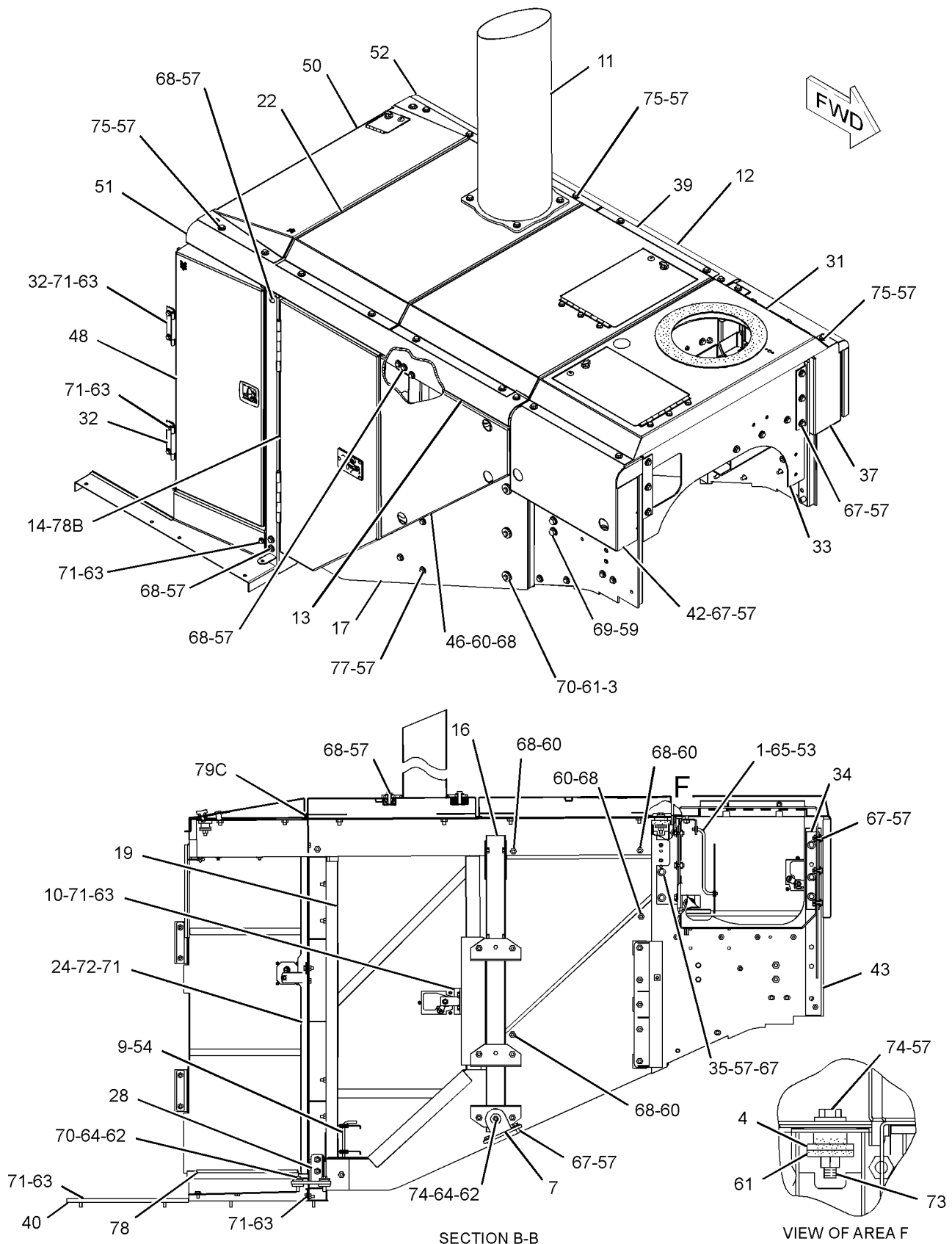
GRAPHIC #1

g01375810

FRAME AND BODY

227-3116 HOOD GP (contd.)

i02683987



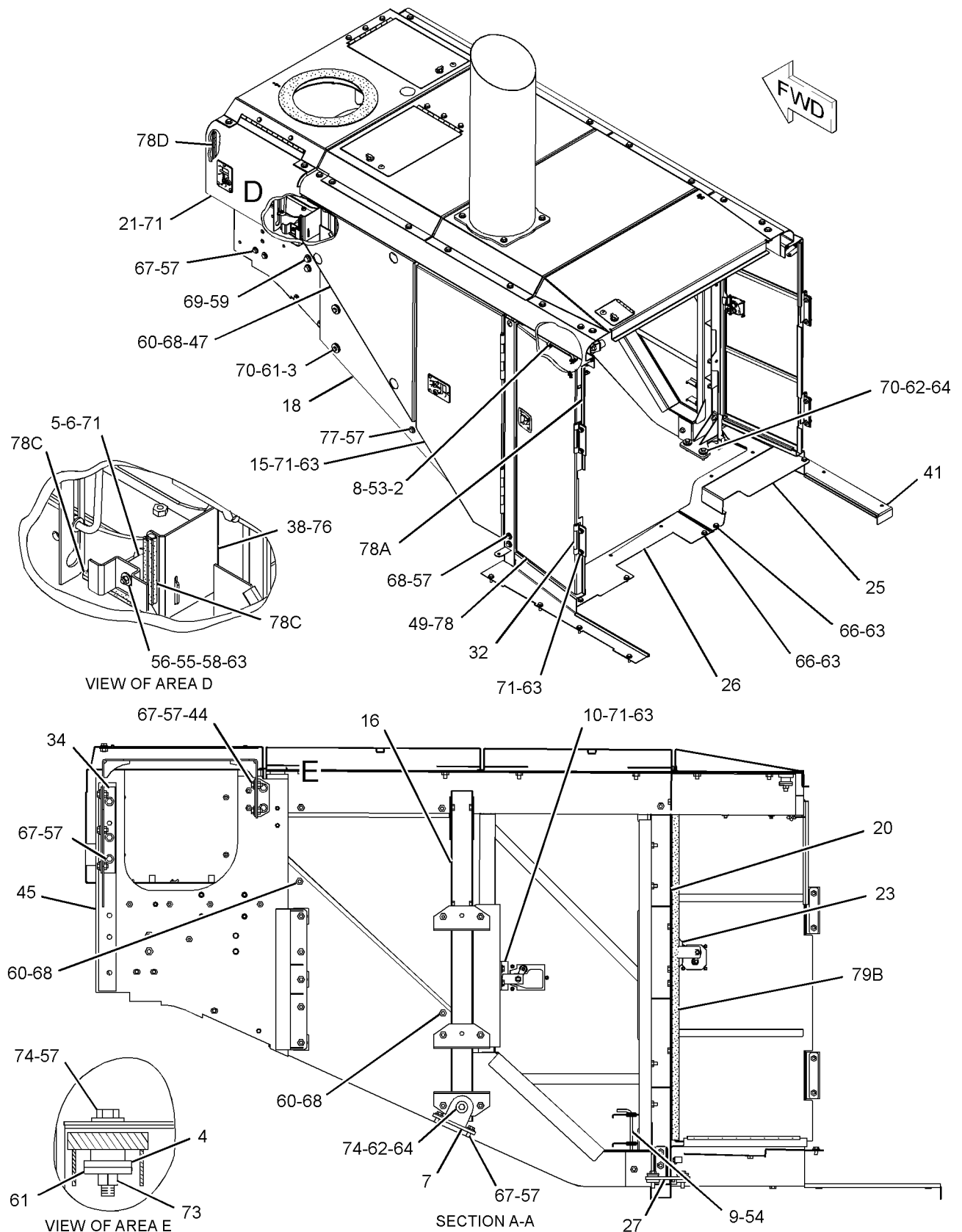
GRAPHIC #2

g01375808

FRAME AND BODY

227-3116 HOOD GP (contd.)

i02683987



g01375809

FRAME AND BODY

230 - 7509 LADDER GP

S/N: ASX1-UP

PART OF 226-9594, 300-6281 CHASSIS AR

SMCS-7254

i02763834

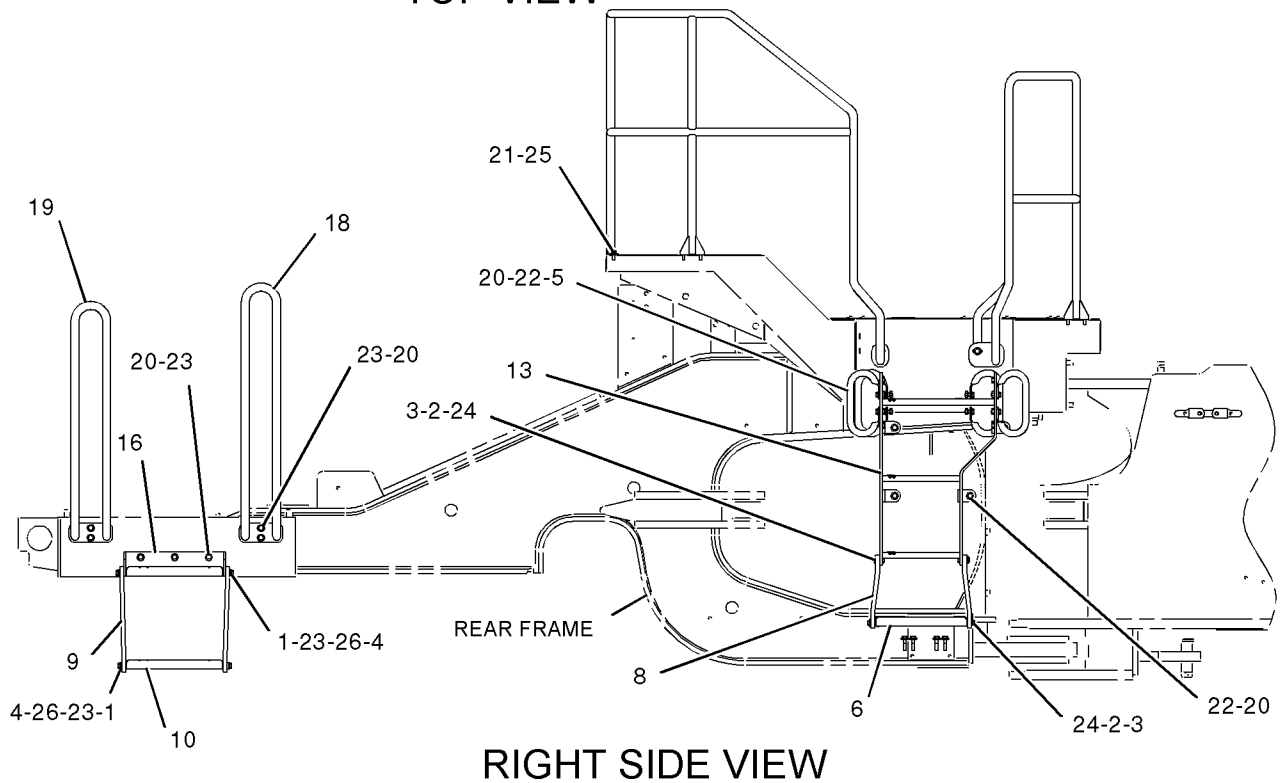
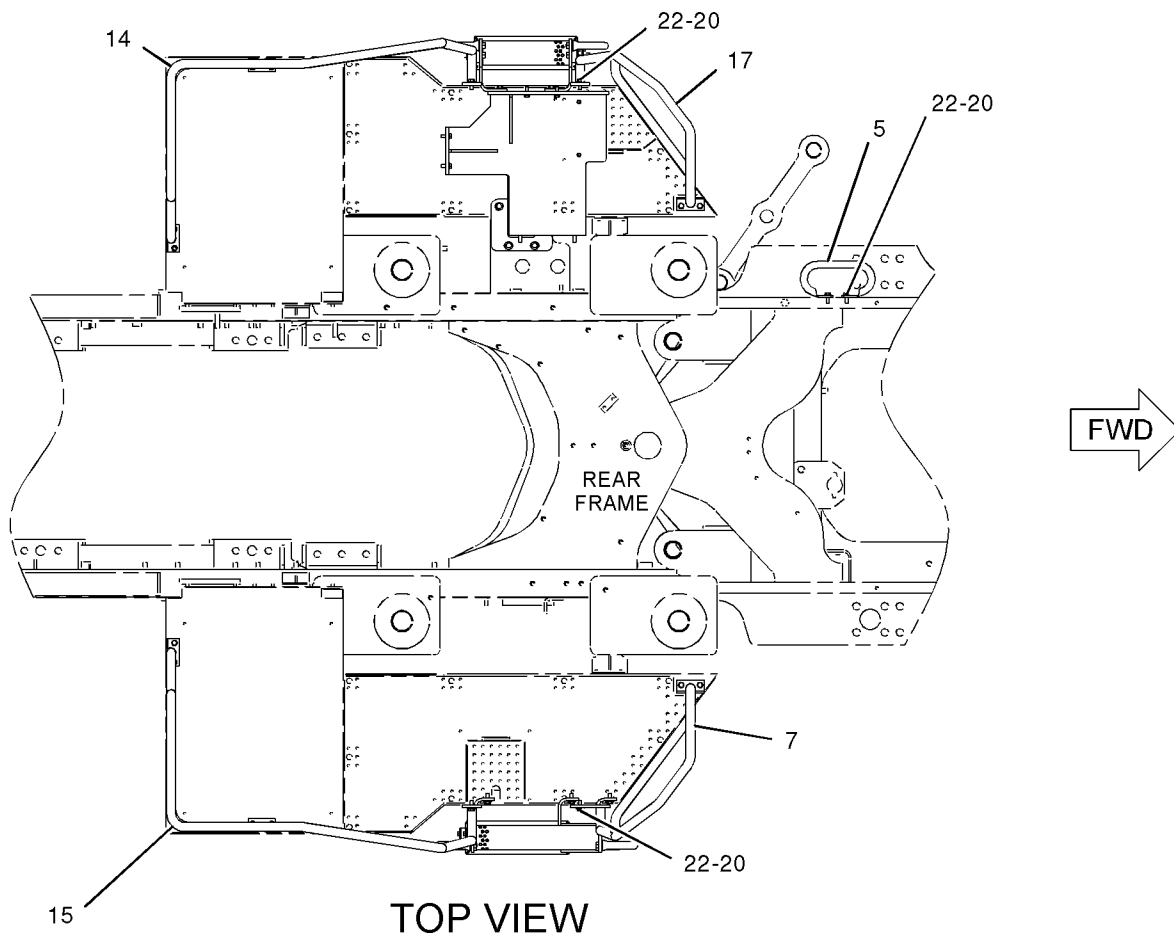
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2T-1523	8	BAR						
	2	1,2	7W-8106	16	SPACER (11.13X19.05X0.25-MM THK)						
	3	1,2	9V-0247	8	PLATE						
	4	1	097-0832	16	SPACER (14-MM THK)						
	5	1,2	104-5483	5	HANDHOLD						
	6	1,2	106-1430	2	STEP AS						
					(EACH INCLUDES)						
M		1,2	8T-3490	4	NUT-WELD (M10X1.5-THD)						
	7	1	119-7819	1	HANDHOLD AS (RH)						
	8	1,2	121-1337	4	SUPPORT-STEP (RUBBER)						
	9	1	123-3453	4	SUPPORT-STEP (RUBBER)						
	10	1	149-4692	2	STEP AS						
	11	2	166-9317	1	LADDER AS (LH)						
M		2	8T-3490	4	NUT-WELD (M10X1.5-THD)						
M		2	8T-3597	8	NUT-WELD (M12X1.75-THD)						
	12	2	166-9318	1	SUPPORT AS						
	13	1	168-6533	1	LADDER AS (RH)						
	14	1	191-9401	1	HANDHOLD AS (LH)						
	15	1	191-9403	1	HANDHOLD AS (RH)						
	16	1	192-4978	2	STEP AS						
	17	1	224-5828	1	HANDHOLD AS (LH)						
	18	1	224-5829	2	HANDHOLD AS						
	19	1	224-5830	2	HANDHOLD AS						
	20	1,2	5P-1076	40	WASHER-HARD (13.5X30X4-MM THK)						
	21	1,2	8T-4121	16	WASHER-HARD (11X21X2.5-MM THK)						
M	22	1,2	8T-4139	18	BOLT (M12X1.75X30-MM)						
M	23	1,2	8T-4183	40	BOLT (M12X1.75X40-MM)						
M	24	1,2	8T-4186	16	BOLT (M10X1.5X40-MM)						
M	25	1,2	8T-4195	16	BOLT (M10X1.5X30-MM)						
	26	1	8T-4223	18	WASHER-HARD (13.5X25.5X3-MM THK)						

M-METRIC PART

FRAME AND BODY

230 - 7509 LADDER GP (contd.)

i02763834



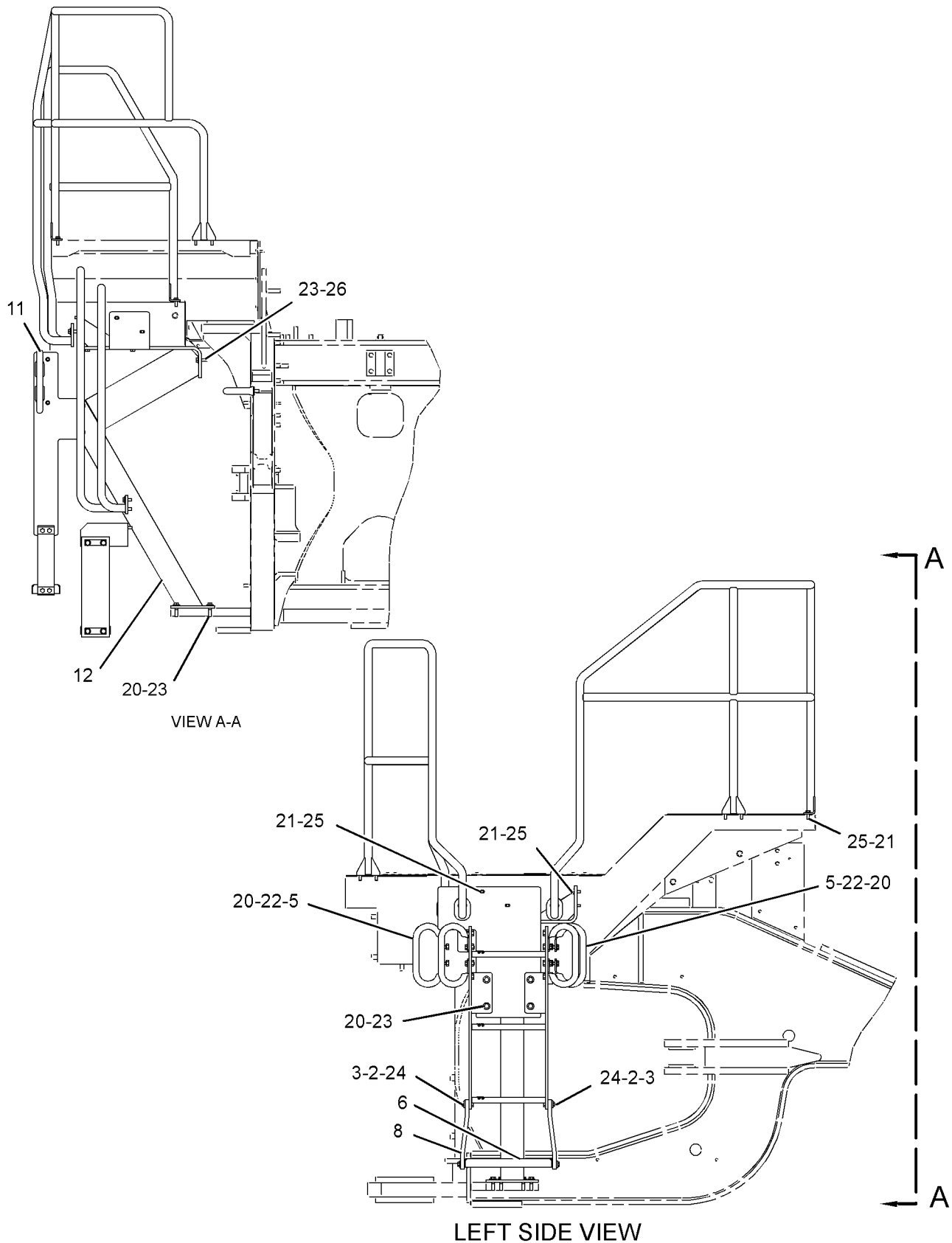
GRAPHIC #1

g01030675

FRAME AND BODY

230 - 7509 LADDER GP (contd.)

i02763834



GRAPHIC #2

<END>

g01381383

FRAME AND BODY

239-3131 LINES GP - GREASE

S/N: ASX1-UP

PART OF 226-9594, 300-6281 CHASSIS AR

SMCS-7510

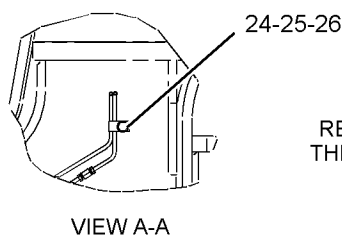
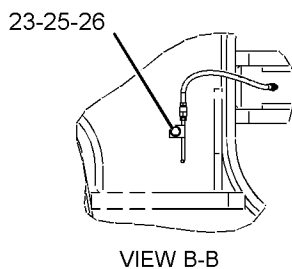
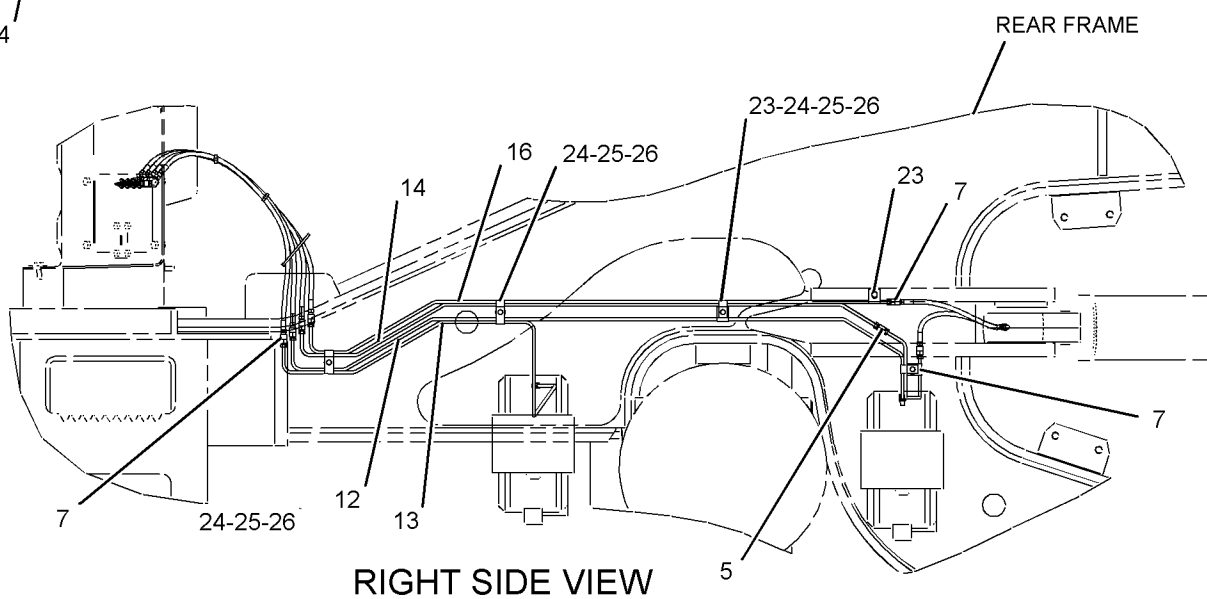
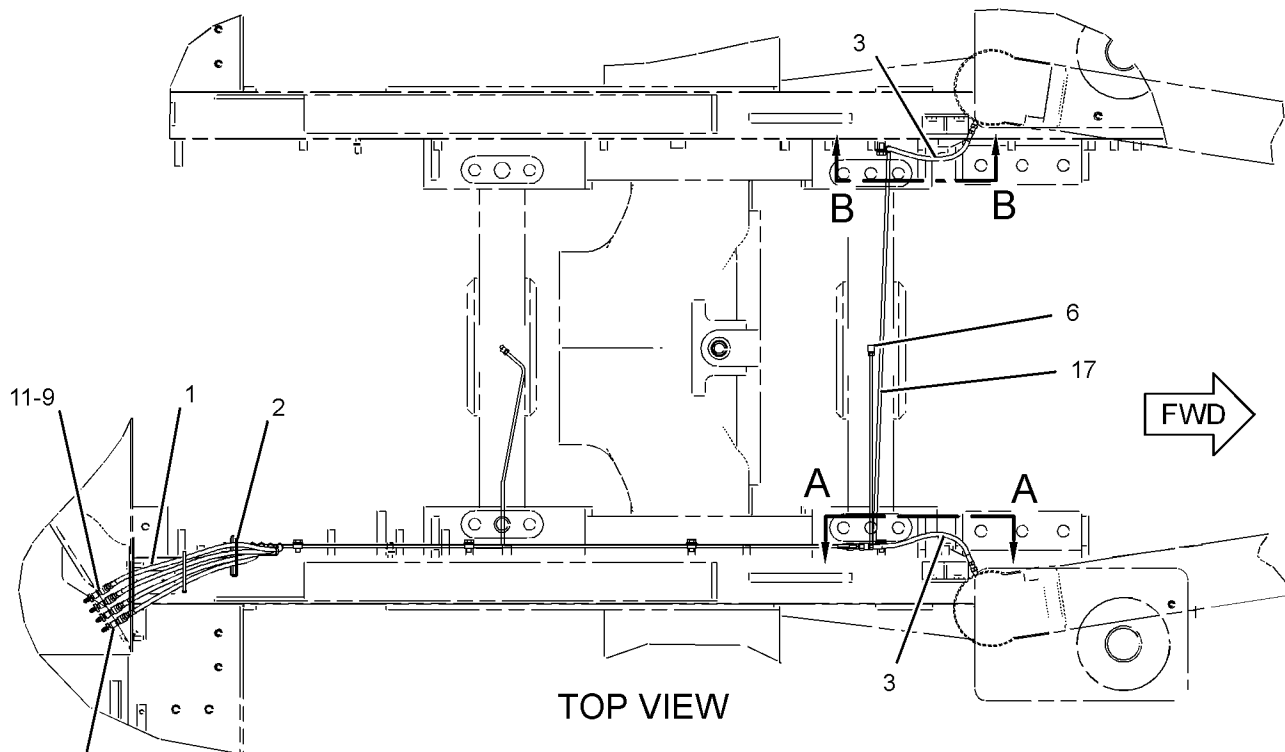
i02756048

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2V-8555	4	HOSE AS						
	2	1	3S-2093	3	STRAP - CABLE						
	3	1	3V-4943	2	HOSE AS						
	4	1,2	5B-0935	6	FITTING-GREASE						
	5	1,2	5K-9242	3	UNION-FLARED						
	6	1,2	5K-9243	2	ELBOW-FLARED						
	7	1	5K-9979	6	CONNECTOR						
	8	1,2	5P-5461	6	NUT (1/8-27-THD)						
	9	1,2	5P-5463	6	ADAPTER-LUBRICATION						
	10	2	6L-3616	3	CONNECTOR						
	11	1	8L-5008	4	ELBOW-PIPE						
	12	1	117-9838	1	TUBE AS						
	13	1	117-9839	1	TUBE AS						
	14	1	117-9842	1	TUBE AS						
	15	2	121-1342	1	TUBE AS						
	16	1	121-3290	1	TUBE AS						
	17	1	121-3291	1	TUBE AS						
	18	2	174-4084	1	TUBE AS						
	19	2	174-4945	1	BRACKET						
	20	2	239-3132	1	TUBE AS						
	21	2	239-3133	1	TUBE AS						
	22	2	1B-3581	3	CLIP						
	23	1,2	2B-2404	6	CLIP						
	24	1,2	5K-2298	7	CLIP						
	25	1,2	8T-4121	11	WASHER-HARD (11X21X2.5-MM THK)						
M	26	1,2	8T-4137	11	BOLT (M10X1.5X20-MM)						
M	27	2	8T-4179	1	BOLT (M12X1.75X20-MM)						
	28	2	8T-4223	1	WASHER-HARD (13.5X25.5X3-MM THK)						
M-METRIC PART											

FRAME AND BODY

239-3131 LINES GP-GREASE (contd.)

i02756048



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

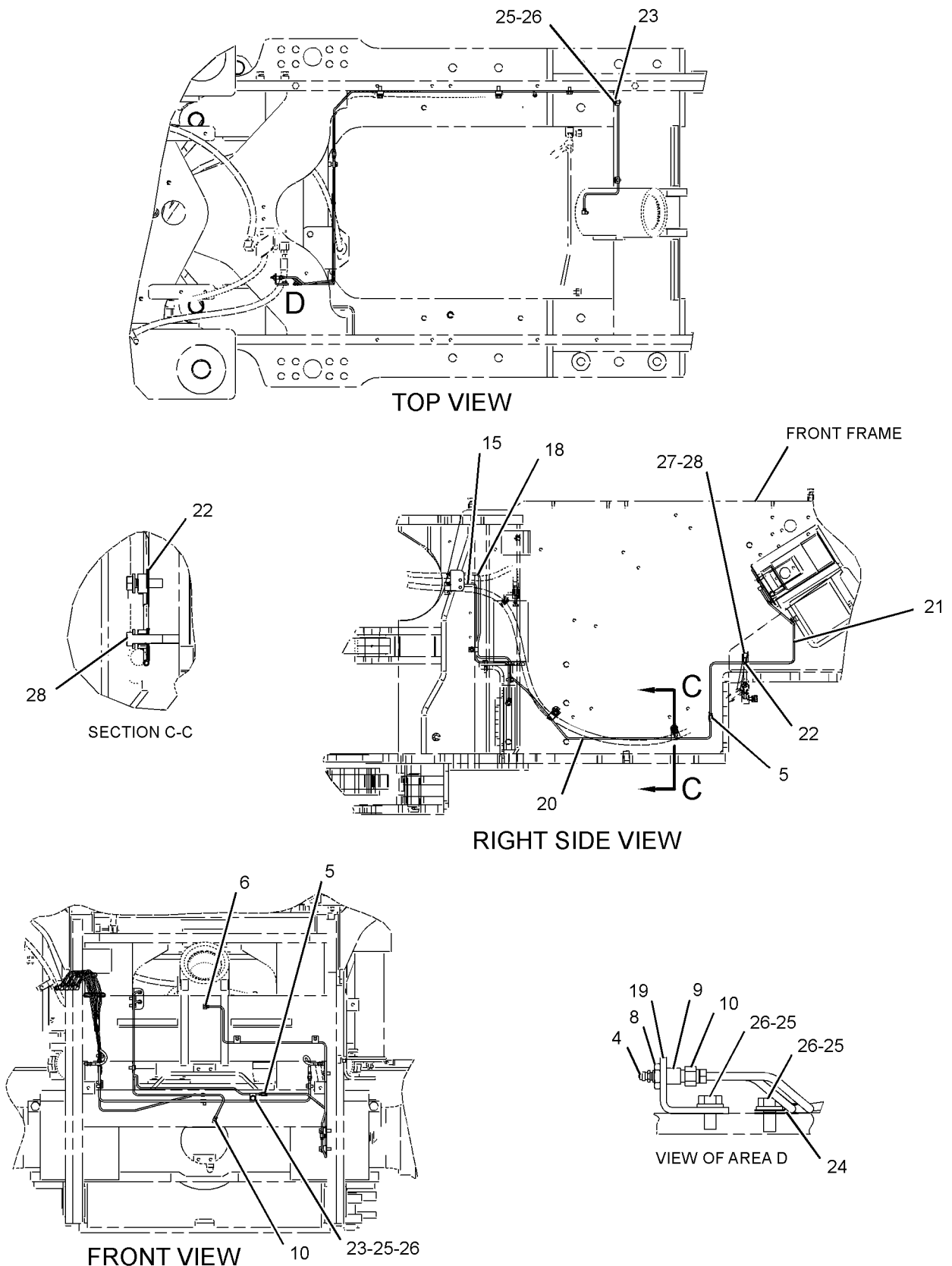
GRAPHIC #1

g01380489

FRAME AND BODY

239-3131 LINES GP-GREASE (contd.)

i02756048



GRAPHIC #2

<END>

g01380490

FRAME AND BODY

257-2009 PANEL GP-HOOD-TOP REAR

S/N: ASX1-UP

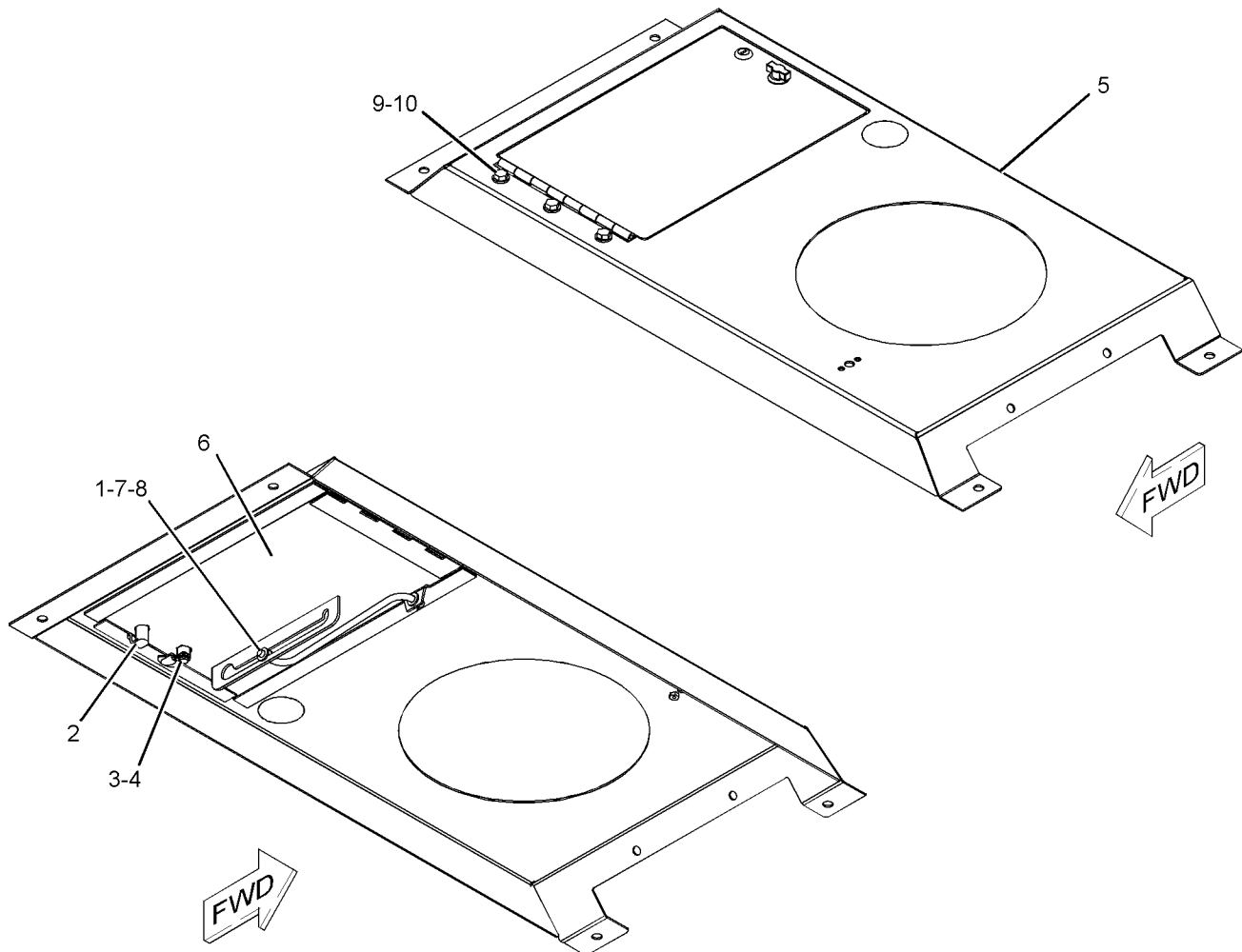
PART OF 227-3116 HOOD GP

SMCS-7251

i02756049

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4E-2732	1	ROD AS						
		1	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)						
	2	1	8C-3468	1	LOCK AS-CYLINDER						
J		1	226-0291	1	LOCK AS						
		1	226-0322	1	CAM-LOCK						
	3	1	125-8176	1	CAM-LATCH						
	4	1	174-6381	1	LATCH AS						
	5	1	228-6086	1	PANEL AS						
M		1	6V-9632	2	NUT-WELD (M6X1-THD)						
	6	1	257-1722	1	DOOR AS						
M		1	8T-3597	3	NUT-WELD (M12X1.75-THD)						
		1	215-8092	1	HINGE AS						
	7	1	3B-4610	1	PIN-COTTER						
	8	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						
M	9	1	8T-4179	3	BOLT (M12X1.75X20-MM)						
	10	1	8T-4223	3	WASHER-HARD (13.5X25.5X3-MM THK)						

J-REQUIRES CORPORATE KEY
M-METRIC PART



GRAPHIC #1

<END>

g01120596

FRAME AND BODY

271-2779 PANEL GP-HOOD

S/N: ASX1-UP

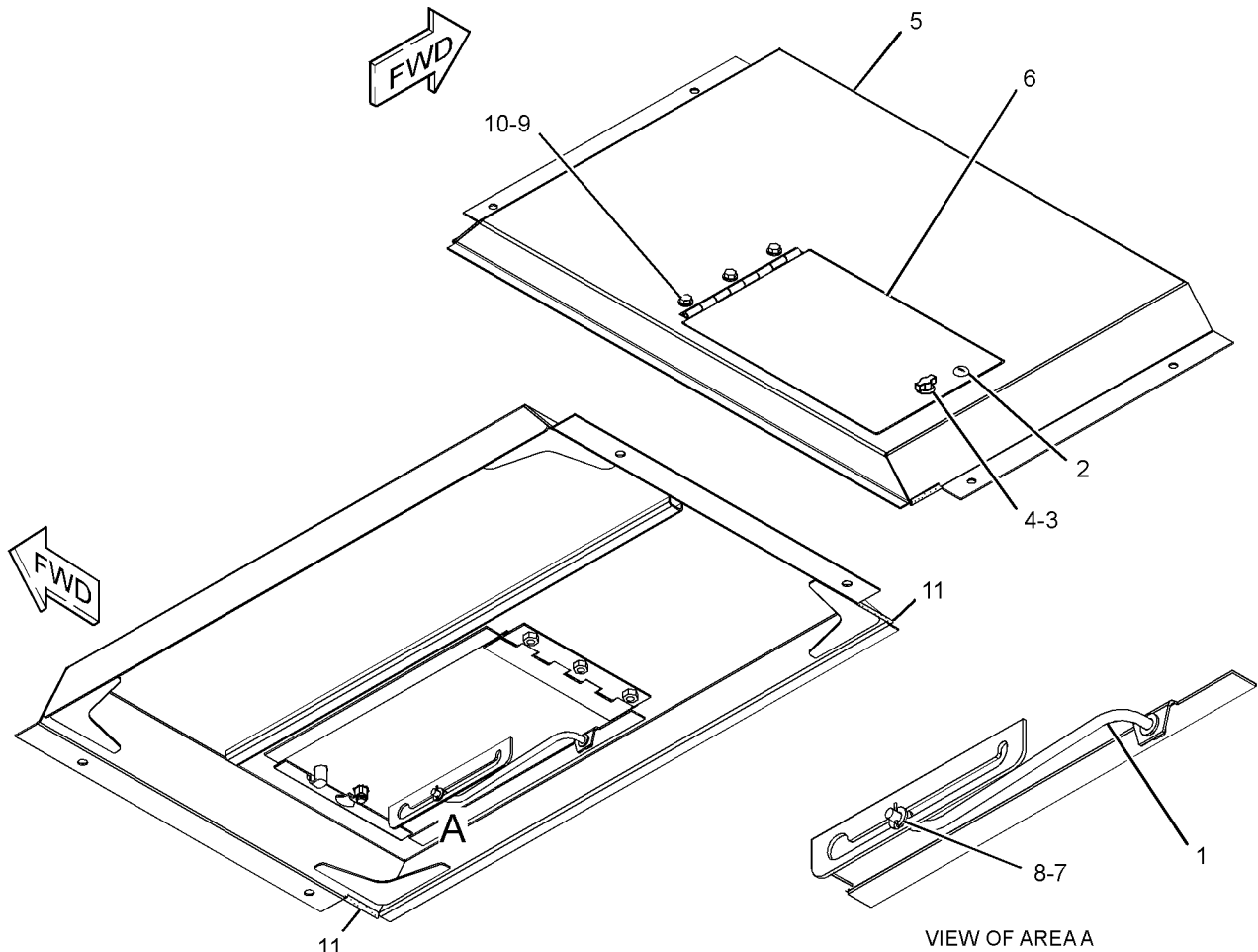
PART OF 227-3116 HOOD GP

SMCS-7251

i02664908

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4E-2732	1	ROD AS						
		1	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)						
J	2	1	226-0291	1	LOCK AS						
			226-0322	1	CAM-LOCK						
	3	1	125-8176	1	CAM-LATCH						
	4	1	174-6381	1	LATCH AS						
	5	1	230-5467	1	PANEL AS-HOOD (TOP CENTER, REAR)						
	6	1	257-1722	1	DOOR AS						
M		1	8T-3597	3	NUT-WELD (M12X1.75-THD)						
		1	215-8092	1	HINGE AS						
	7	1	3B-4610	1	PIN-COTTER						
	8	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						
M	9	1	8T-4179	3	BOLT (M12X1.75X20-MM)						
	10	1	8T-4223	3	WASHER-HARD (13.5X25.5X3-MM THK)						
E	11	1	3E-6600		SEAL (7-CM EACH)						

E-ORDER BY THE CENTIMETER
J-REQUIRES CORPORATE KEY
M-METRIC PART



GRAPHIC #1

<END>

g01349493

FRAME AND BODY

228-4462 PANEL GP-SIDE-LH

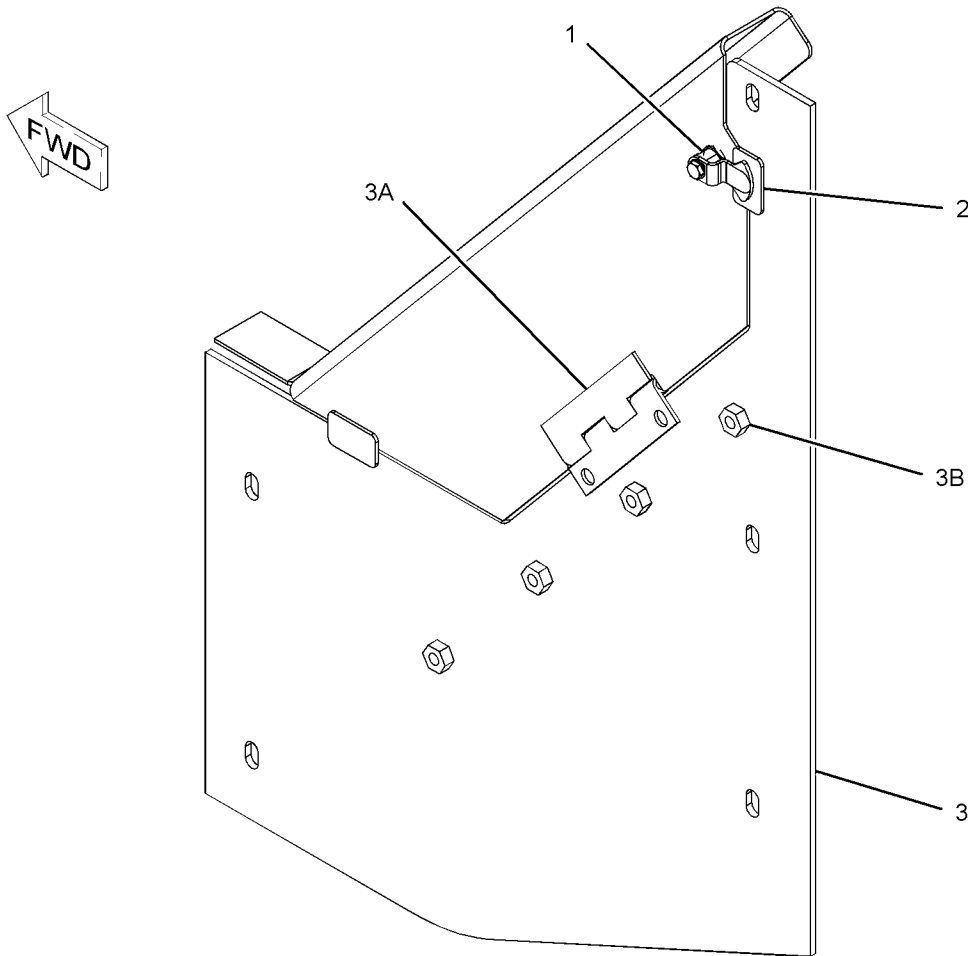
S/N: ASX1-UP

PART OF 240-0329 FENDER GP
AN ATTACHMENT

SMCS-7267

i02212864

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	174-6381	1	LATCH AS						
	2	1	125-8176	1	CAM- LATCH						
	3	1	228-4463	1	PANEL AS (LH)						
	3A	1	4E-2757	1	HINGE						
M	3B	1	8T-3597	4	NUT-WELD (M12X1.75 THD)						
M		1	8T-3490	2	NUT-WELD (M10X1.5 THD)						
M-METRIC PART											



GRAPHIC #1

<END>

g01119392

FRAME AND BODY

240-3343 PANEL GP-SIDE-RH

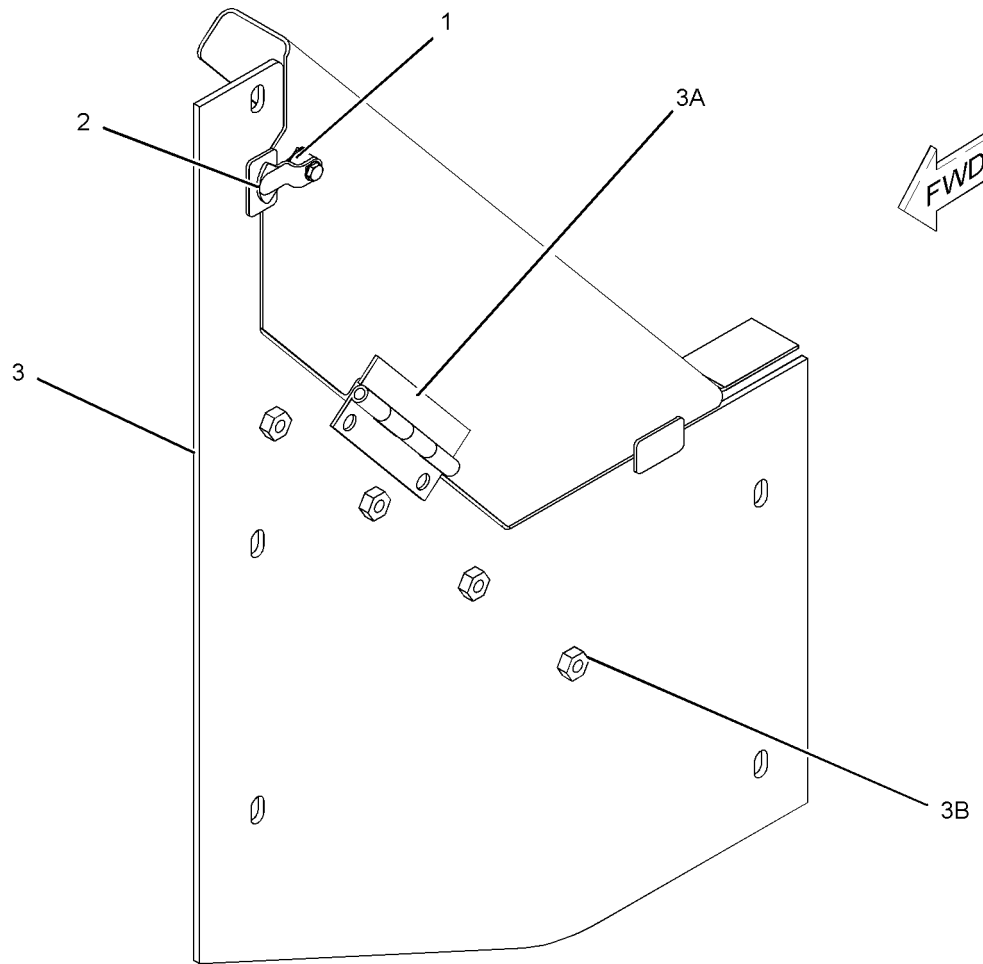
S/N: ASX1-UP

PART OF 240-0329 FENDER GP
AN ATTACHMENT

SMCS-7267

i02212875

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	174-6381	1	LATCH AS						
	2	1	125-8176	1	CAM-LATCH						
	3	1	228-4466	1	PANEL AS (LH)						
	3A	1	4E-2757	1	HINGE						
M	3B	1	8T-3597	4	NUT-WELD (M12X1.75 THD)						
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)						
M-METRIC PART											



GRAPHIC #1

<END>

g01119006

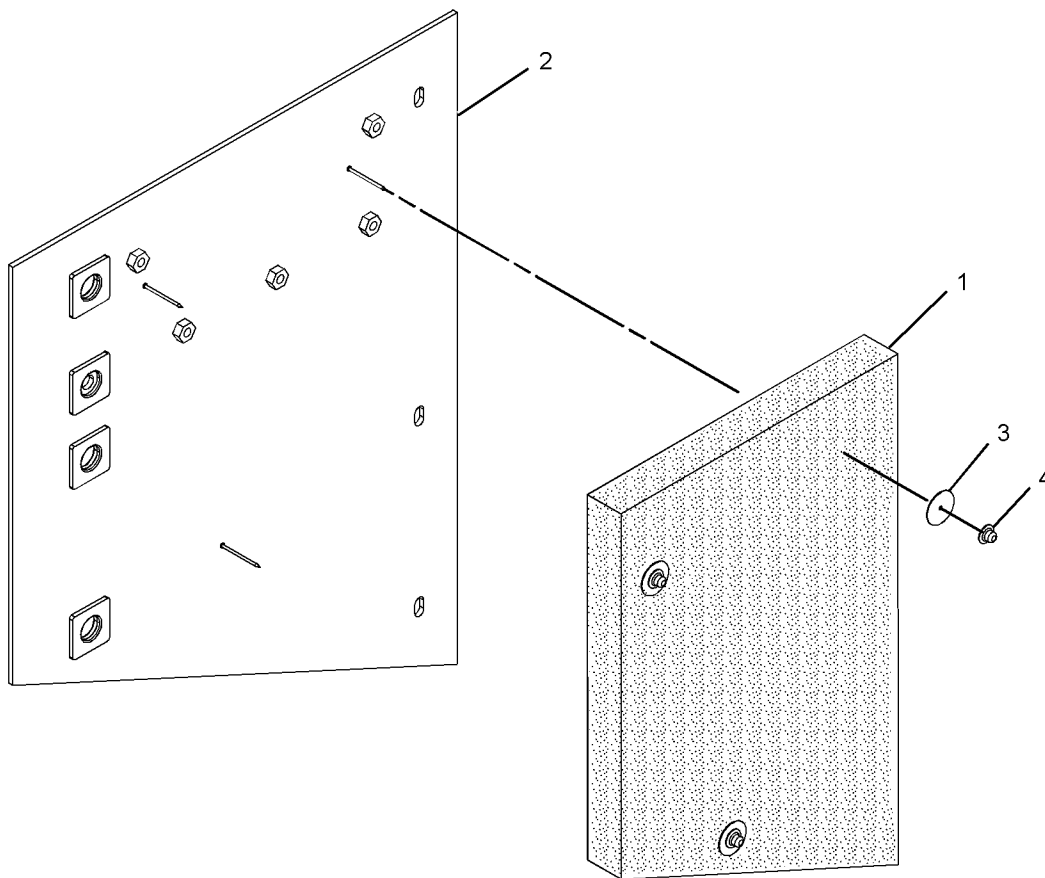
FRAME AND BODY

203-6710 PANEL GP-SOUND SUPPRESSION- HOOD SIDE, FRONT, RH S/N: ASX1-UP PART OF 238-9267 SUPPRESSION GP-SOUND AN ATTACHMENT

SMCS-7076, 7261

i02721590

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	203-2556	1	INSULATION						
	2	1	203-6673	1	PANEL AS						
	3	1	4I-7924	3	WASHER (4.5X40X1.2-MM THK)						
	4	1	6P-2216	3	CAP (PUSH ON)						



GRAPHIC #1

<END>

g01366848

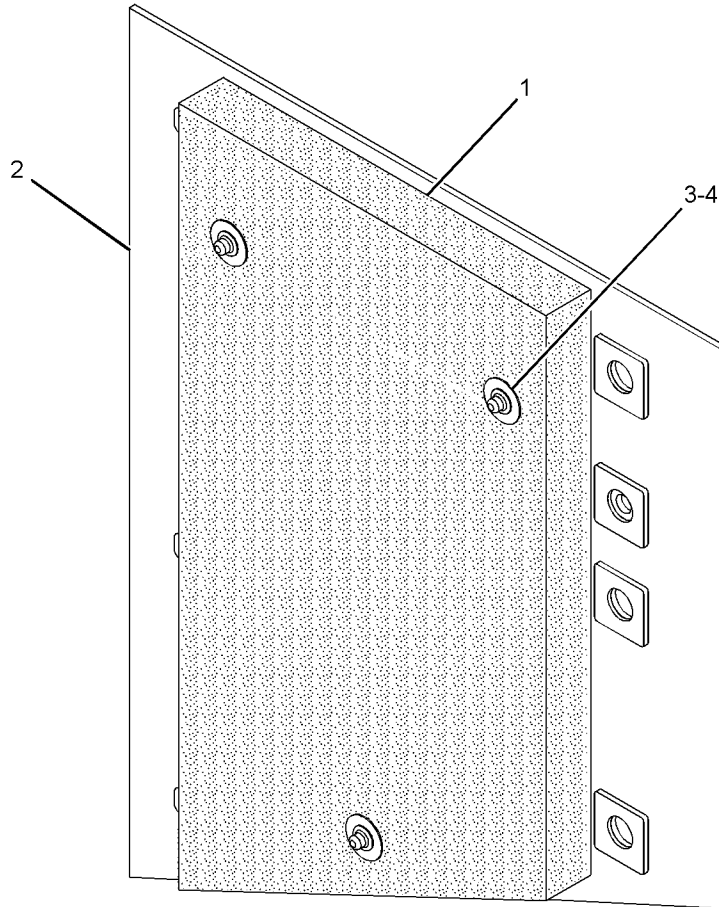
FRAME AND BODY

203-6711 PANEL GP-SOUND SUPPRESSION- HOOD SIDE, FRONT, LH S/N: ASX1-UP PART OF 238-9267 SUPPRESSION GP-SOUND AN ATTACHMENT

SMCS-7076, 7261

i02529171

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	203-2580	1	INSULATION						
	2	1	203-6674	1	PANEL AS						
	3	1	4I-7924	3	WASHER (4.5X40X1.2-MM THK)						
	4	1	6P-2216	3	CAP (PUSH ON)						



GRAPHIC #1

<END>

g01285969

FRAME AND BODY

230-0957 PANEL GP-SOUND SUPPRESSION-HOOD TOP, CENTER

S/N: ASX1-UP

PART OF 232-1700, 238-9267 SUPPRESSION GP-SOUND
AN ATTACHMENT

SMCS-7076, 7261

i02756042

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4E-2732	1	ROD AS						
		1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						
	2	1	8C-3468	1	LOCK AS-CYLINDER						
J		1	226-0291	1	LOCK AS						
		1	226-0322	1	CAM-LOCK						
	3	1	125-8176	1	CAM-LATCH						
	4	1	174-6381	1	LATCH AS						
	5	1	229-9603	1	PANEL AS						
		1	6Y-9625	4	PIN-WELD						
	6	1	230-5175	1	INSULATION						
	7	1	272-1499	1	DOOR AS-ACCESS						
		1	6Y-9625	2	PIN-WELD						
M		1	8T-3597	3	NUT-WELD (M12X1.75-THD)						
		1	215-8092	1	HINGE AS						
	8	1	272-1501	1	INSULATION						
	9	1	3B-4610	1	PIN-COTTER						
	10	1	4I-7924	6	WASHER (4.5X40X1.2-MM THK)						
	11	1	6P-2216	6	CAP (PUSH ON)						
	12	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						
M	13	1	8T-4179	3	BOLT (M12X1.75X20-MM)						
	14	1	8T-4223	3	WASHER-HARD (13.5X25.5X3-MM THK)						

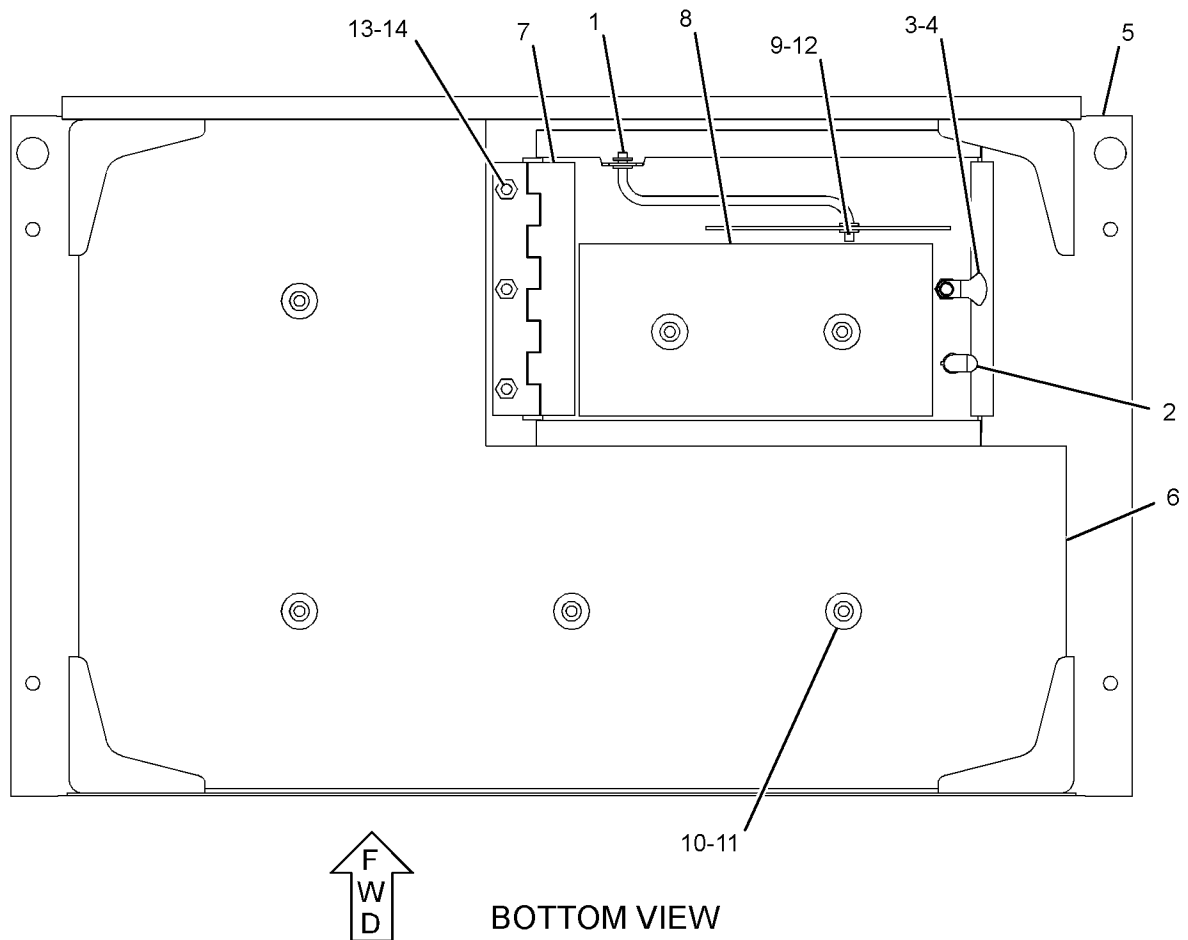
J-REQUIRES CORPORATE KEY

M-METRIC PART

FRAME AND BODY

230-0957 PANEL GP - SOUND SUPPRESSION (contd.)

i02756042



GRAPHIC #1

<END>

g01242131

FRAME AND BODY

230-0958 PANEL GP-SOUND SUPPRESSION-HOOD TOP, REAR

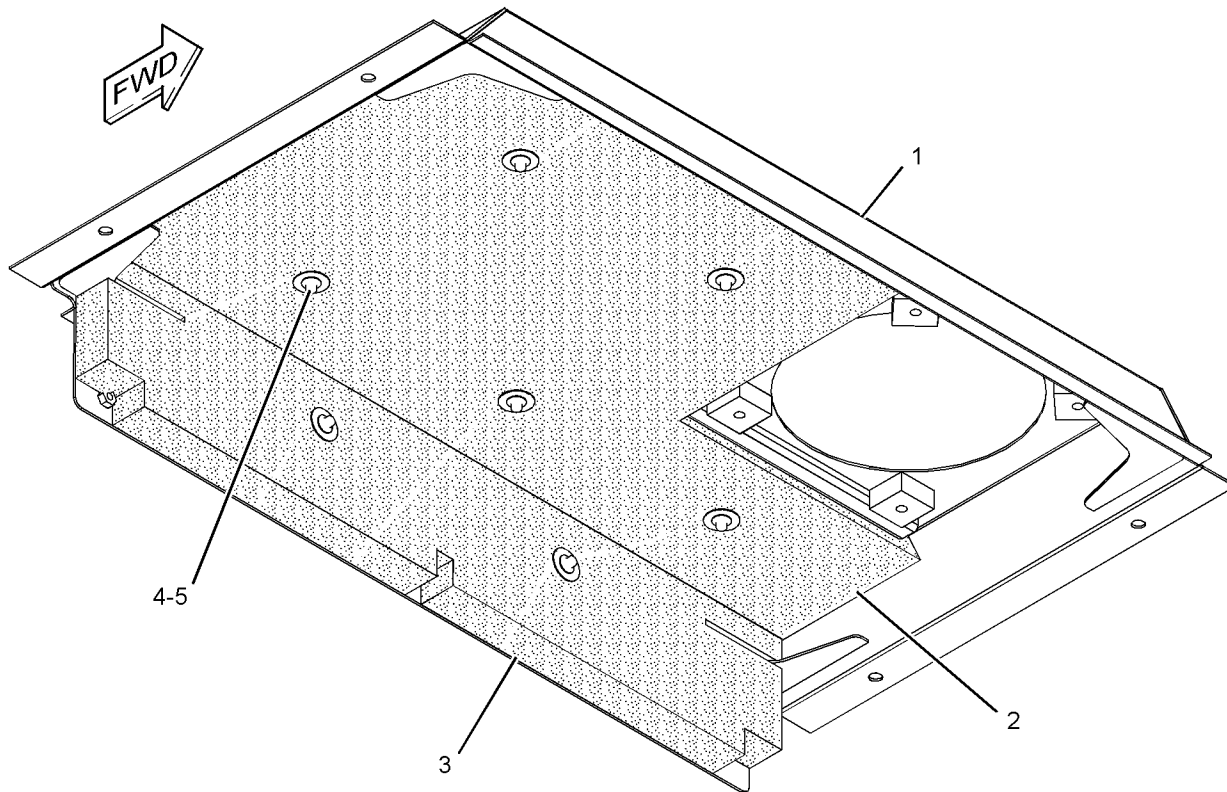
S/N: ASX1-UP

PART OF 232-1700, 238-9267 SUPPRESSION GP-SOUND
AN ATTACHMENT

SMCS-7076, 7261

i02347724

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	229-9602	1	PANEL AS						
		1	6P-2215	5	PIN-WELD						
		1	6Y-9625	2	PIN-WELD						
	2	1	230-5179	1	INSULATION						
	3	1	233-3890	1	INSULATION						
	4	1	4I-7924	7	WASHER (4.5X40X1.2-MM THK)						
	5	1	6P-2216	7	CAP (PUSH ON)						



GRAPHIC #1

<END>

g01176700

FRAME AND BODY

230-4223 PANEL GP-ENCLOSURE-HOOD SIDE, FRONT, LH

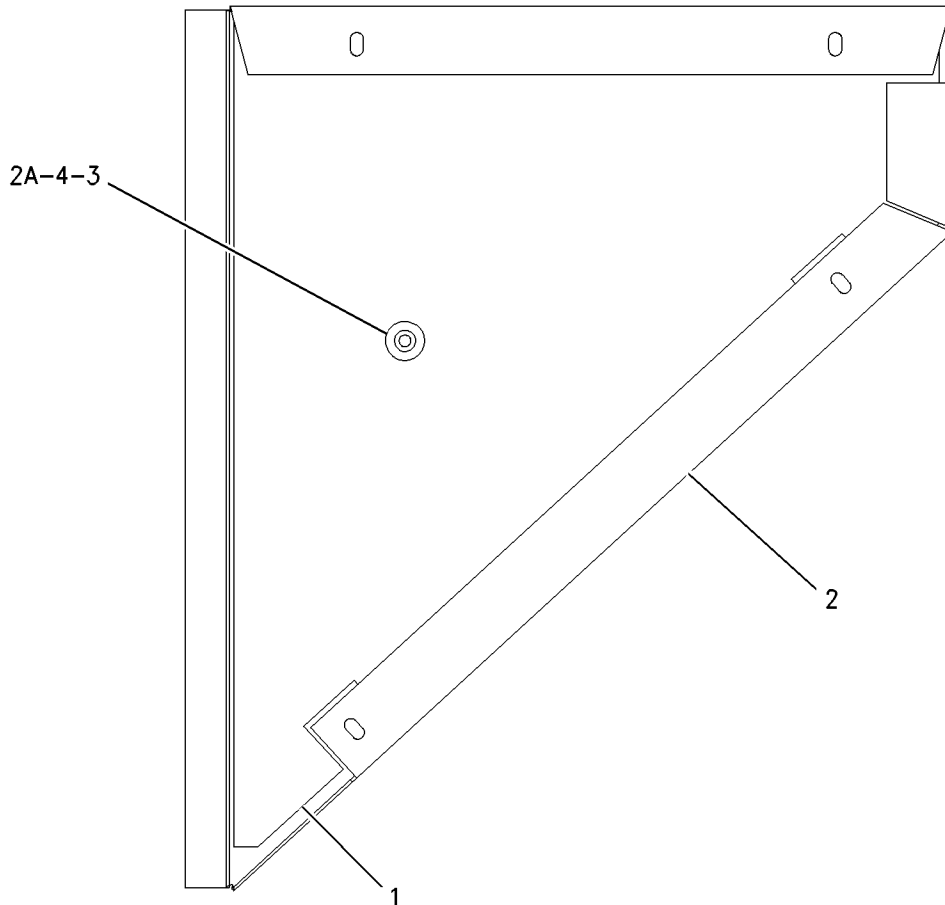
S/N: ASX1-UP

PART OF 232-1700 SUPPRESSION GP-SOUND
AN ATTACHMENT

SMCS-7076, 7261

i01998269

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	203-2579	1	INSULATION						
	2	1	230-4210	1	PANEL AS						
	2A	1	6Y-9625	1	PIN-WELD						
	3	1	4I-7924	1	WASHER (4.5X40X1.2MM THK)						
	4	1	6P-2216	1	CAP (PUSH ON)						



GRAPHIC #1

<END>

g00897824

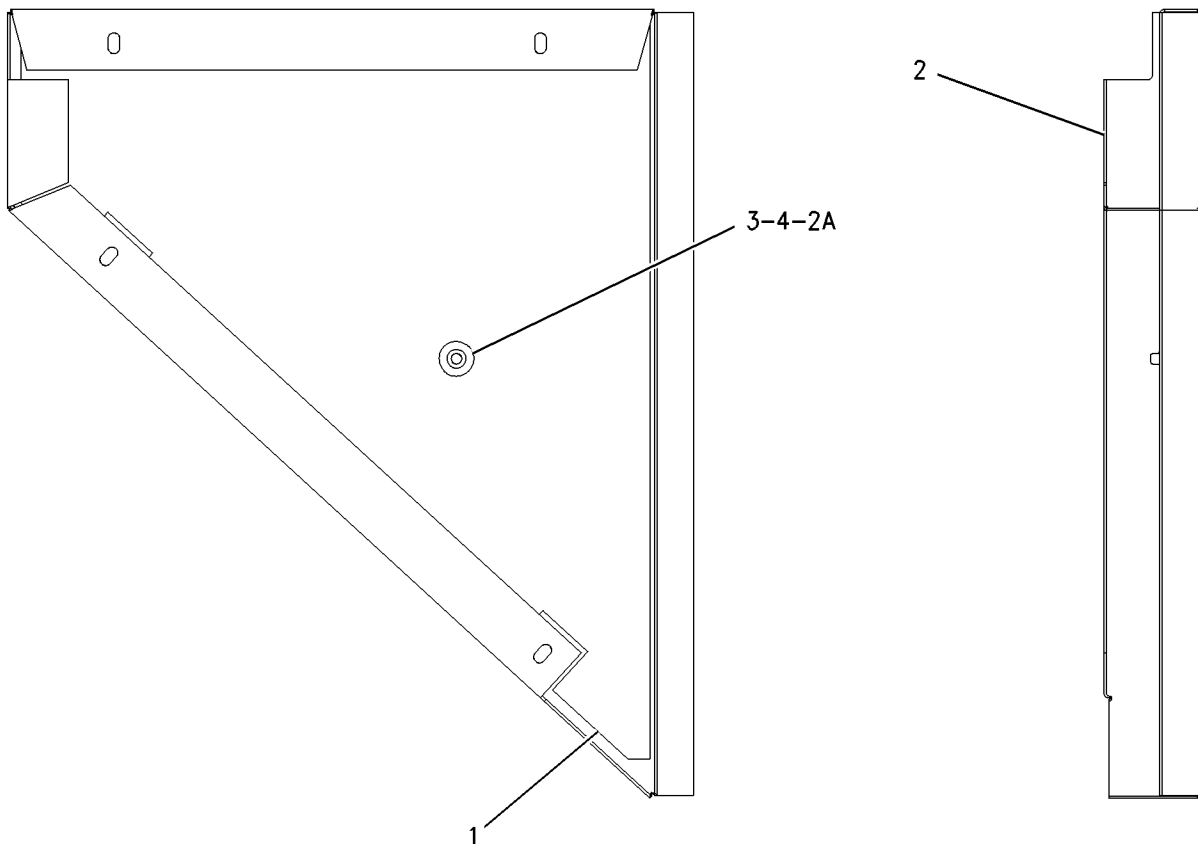
FRAME AND BODY

230-4224 PANEL GP-SOUND SUPPRESSION- HOOD SIDE, FRONT, RH S/N: ASX1-UP PART OF 232-1700 SUPPRESSION GP-SOUND AN ATTACHMENT

SMCS-7076, 7261

i01998270

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	203-2562	1	INSULATION						
	2	1	230-4209	1	PANEL AS						
	2A	1	6Y-9625	1	PIN-WELD						
	3	1	4I-7924	1	WASHER (4.5X40X1.2MM THK)						
	4	1	6P-2216	1	CAP (PUSH ON)						



GRAPHIC #1

<END>

g00779595

FRAME AND BODY

230-4550 PANEL GP-SOUND SUPPRESSION-SIDE, LOWER, RH

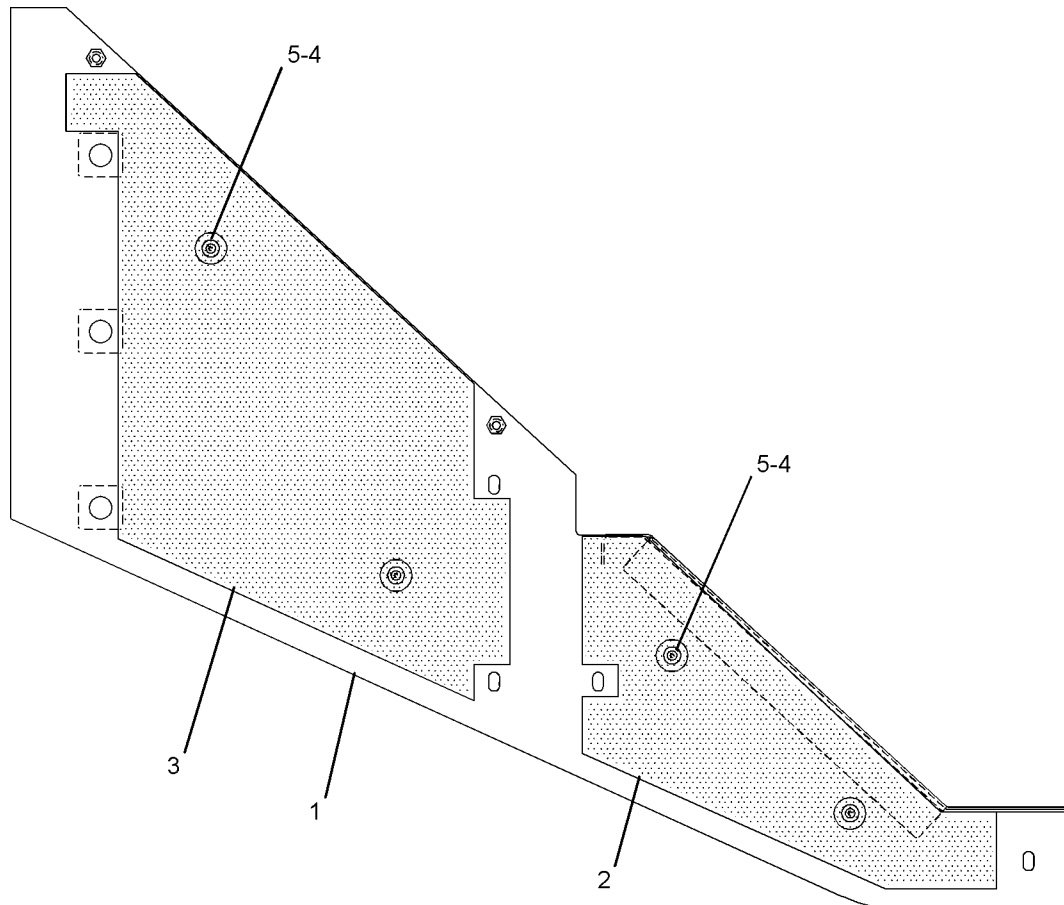
S/N: ASX1-UP

PART OF 232-1700 SUPPRESSION GP-SOUND
AN ATTACHMENT

SMCS-7076, 7261

i01998271

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	230-4548	1	SHEET AS						
		1	6Y-9625	4	PIN-WELD						
2		1	230-5185	1	INSULATION						
3		1	230-5423	1	INSULATION						
4		1	4I-7924	4	WASHER (4.5X40X1.2MM THK)						
5		1	6P-2216	4	CAP (PUSH ON)						



GRAPHIC #1

<END>

g01034797

FRAME AND BODY

230-4551 PANEL GP-SOUND SUPPRESSION-SIDE, LOWER, LH

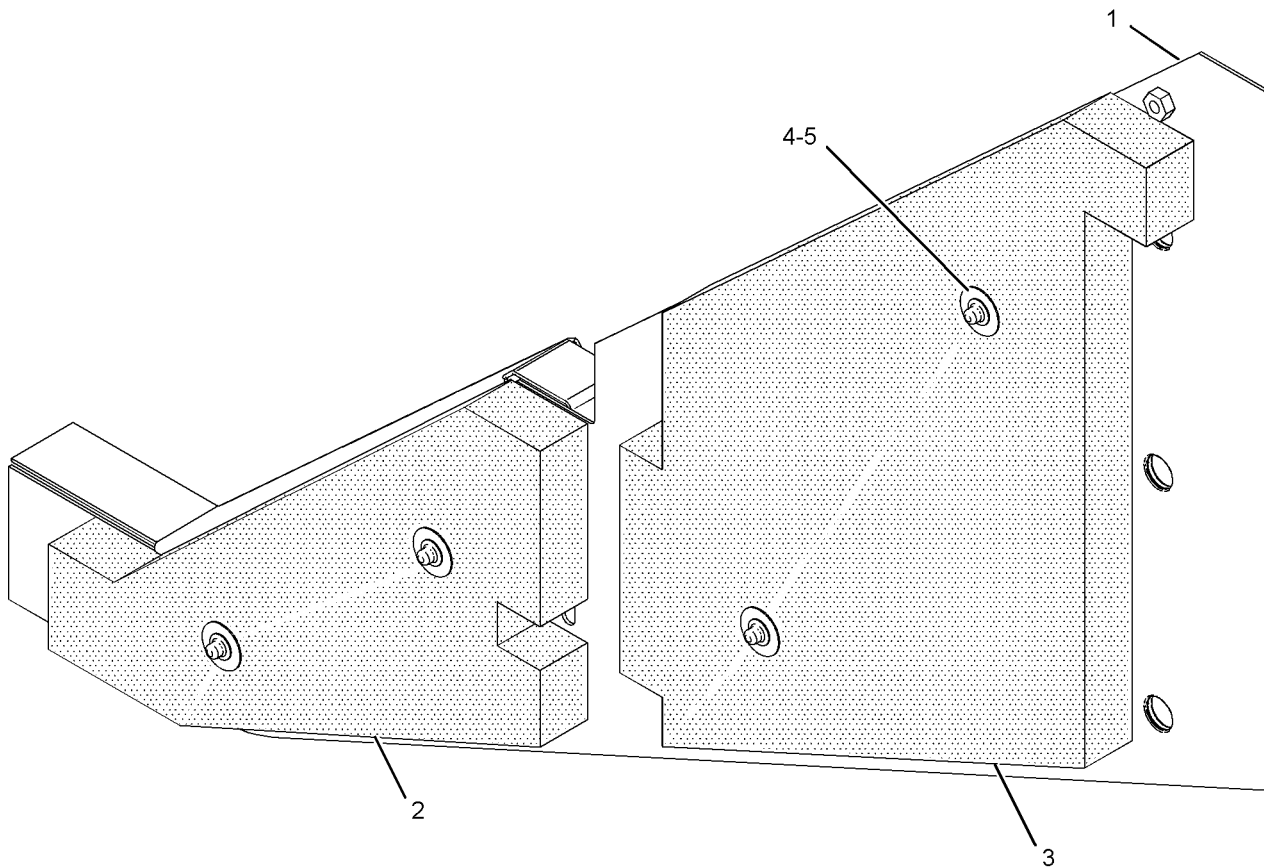
S/N: ASX1-UP

PART OF 232-1700 SUPPRESSION GP-SOUND
AN ATTACHMENT

SMCS-7076, 7261

i01998272

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	230-4549	1	SHEET AS						
		1	6Y-9625	4	PIN-WELD						
2		1	230-5183	1	INSULATION						
3		1	230-5184	1	INSULATION						
4		1	4I-7924	4	WASHER (4.5X40X1.2MM THK)						
5		1	6P-2216	4	CAP (PUSH ON)						



GRAPHIC #1

<END>

g01034945

FRAME AND BODY

238-9269 PANEL GP-SOUND SUPPRESSION-HOOD SIDE, REAR, RH

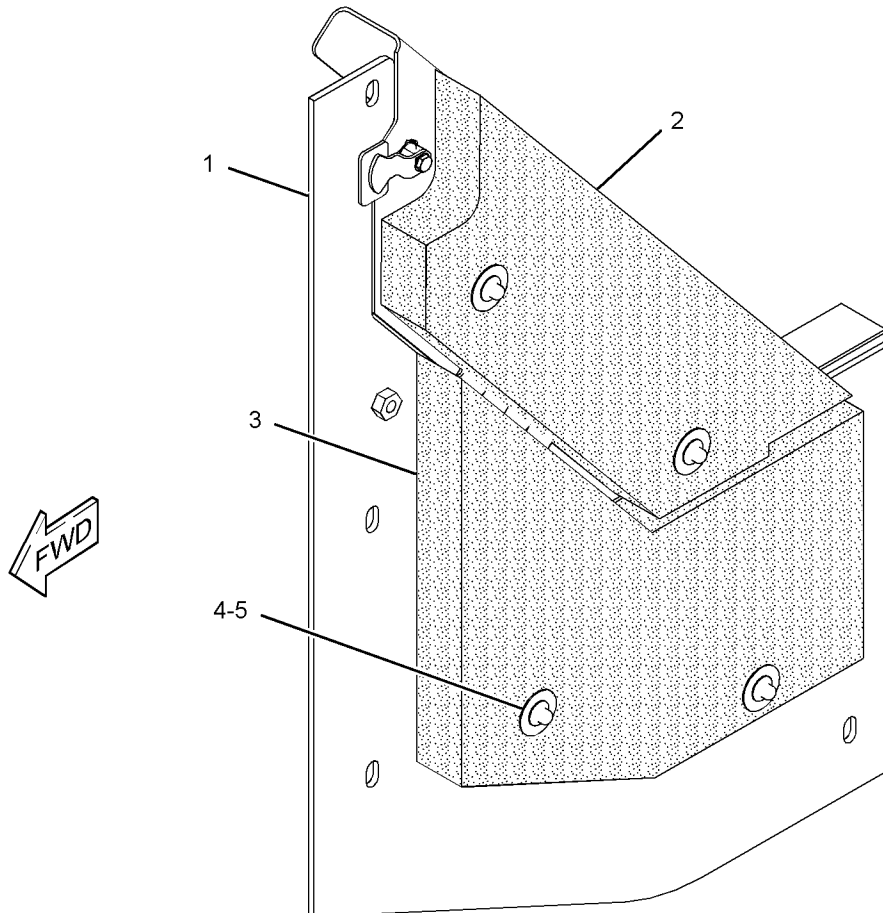
S/N: ASX1-UP

PART OF 238-9267 SUPPRESSION GP-SOUND
AN ATTACHMENT

SMCS-7076, 7261

i02721581

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	238-9268	1	PANEL AS (RH)						
		1	6Y-9625	4	PIN-WELD						
	2	1	238-9275	1	INSULATION						
	3	1	238-9276	1	INSULATION						
	4	1	4I-7924	4	WASHER (4.5X40X1.2-MM THK)						
	5	1	6P-2216	4	CAP (PUSH ON)						



GRAPHIC #1

<END>

g01366852

FRAME AND BODY

238-9271 PANEL GP-SOUND SUPPRESSION-HOOD SIDE, REAR, LH

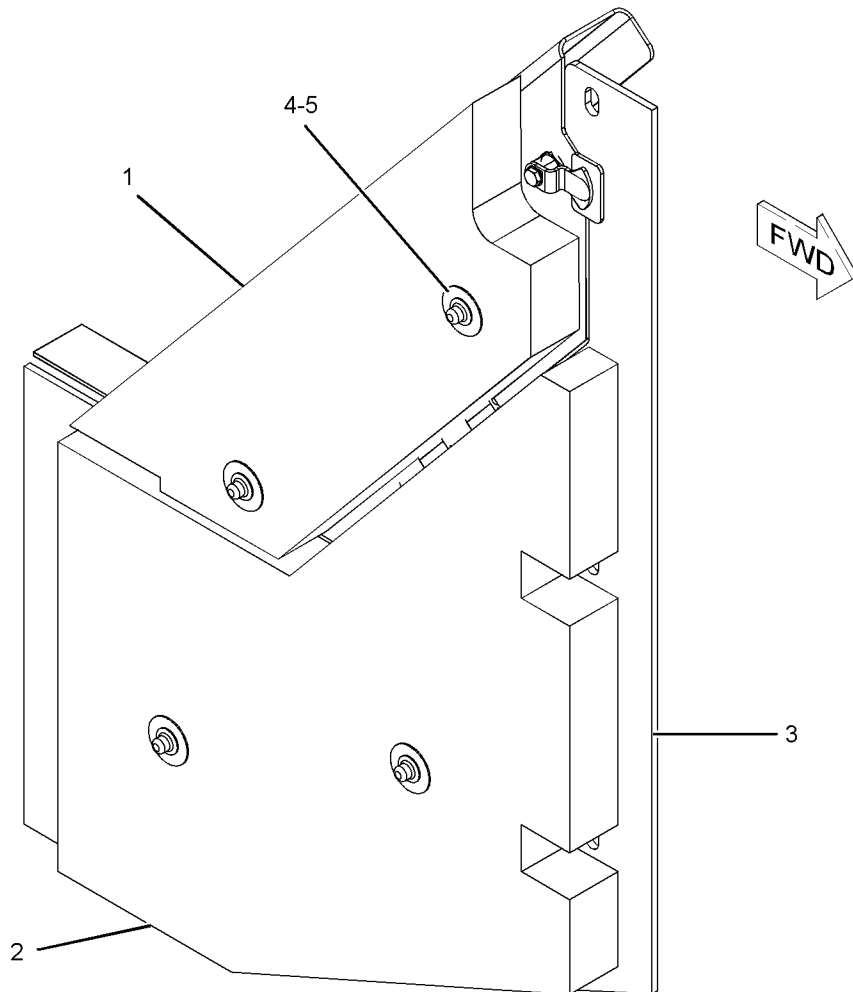
S/N: ASX1-UP

PART OF 238-9267 SUPPRESSION GP-SOUND
AN ATTACHMENT

SMCS-7076, 7261

i02765040

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	230-9182	1	INSULATION						
	2	1	230-9183	1	INSULATION						
	3	1	238-9270	1	PANEL AS (LH)						
		1	6Y-9625	4	PIN-WELD						
	4	1	4I-7924	4	WASHER (4.5X40X1.2-MM THK)						
	5	1	6P-2216	4	CAP (PUSH ON)						



GRAPHIC #1

<END>

g01119418

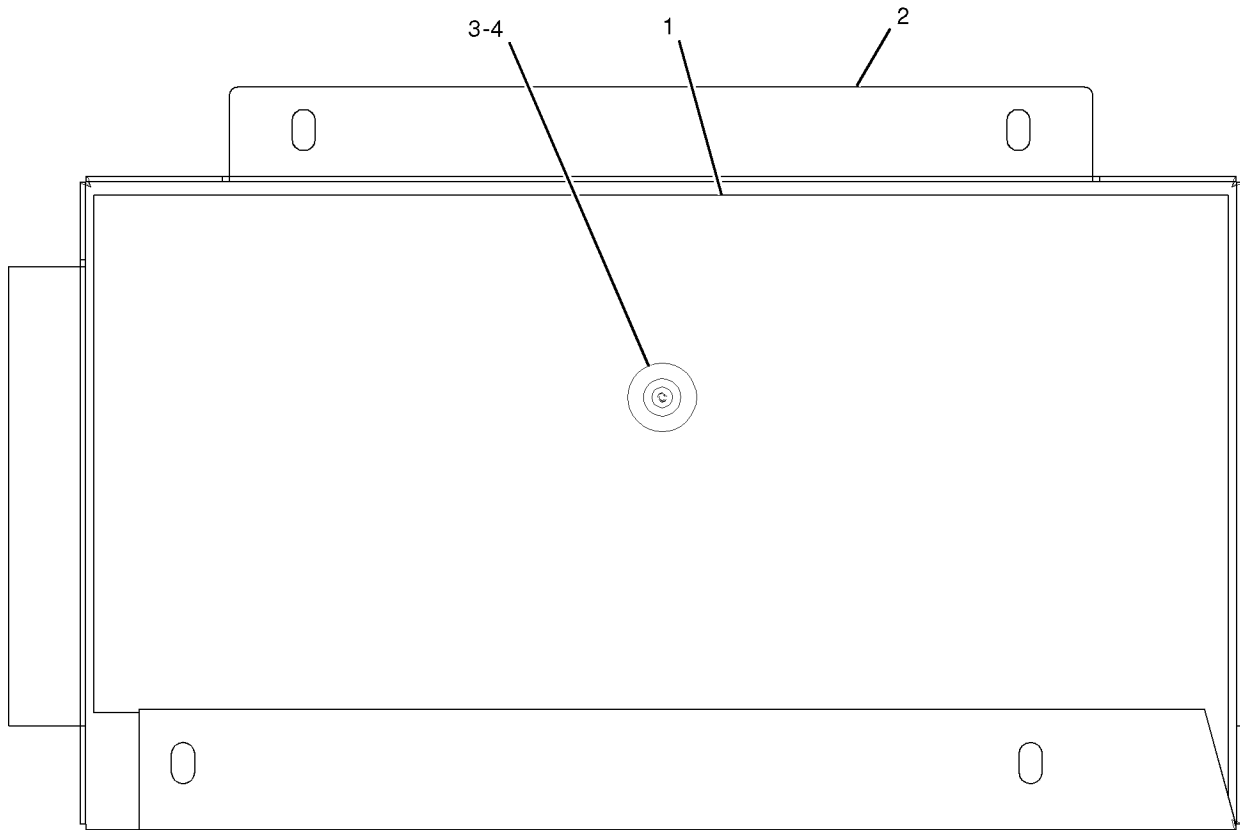
FRAME AND BODY

242 - 8533 PANEL GP - SOUND SUPPRESSION- HOOD SIDE, FRONT, RH S/N: ASX1-UP PART OF 238-9267 SUPPRESSION GP-SOUND AN ATTACHMENT

SMCS-7076, 7261

i01996526

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	203-2555	1	INSULATION						
	2	1	242-8531	1	PANEL AS (RH)						
		1	6Y-9625	1	PIN-WELD						
	3	1	4I-7924	1	WASHER (4.5X40X1.2MM THK)						
	4	1	6P-2216	1	CAP (PUSH ON)						



GRAPHIC #1

<END>

g01034597

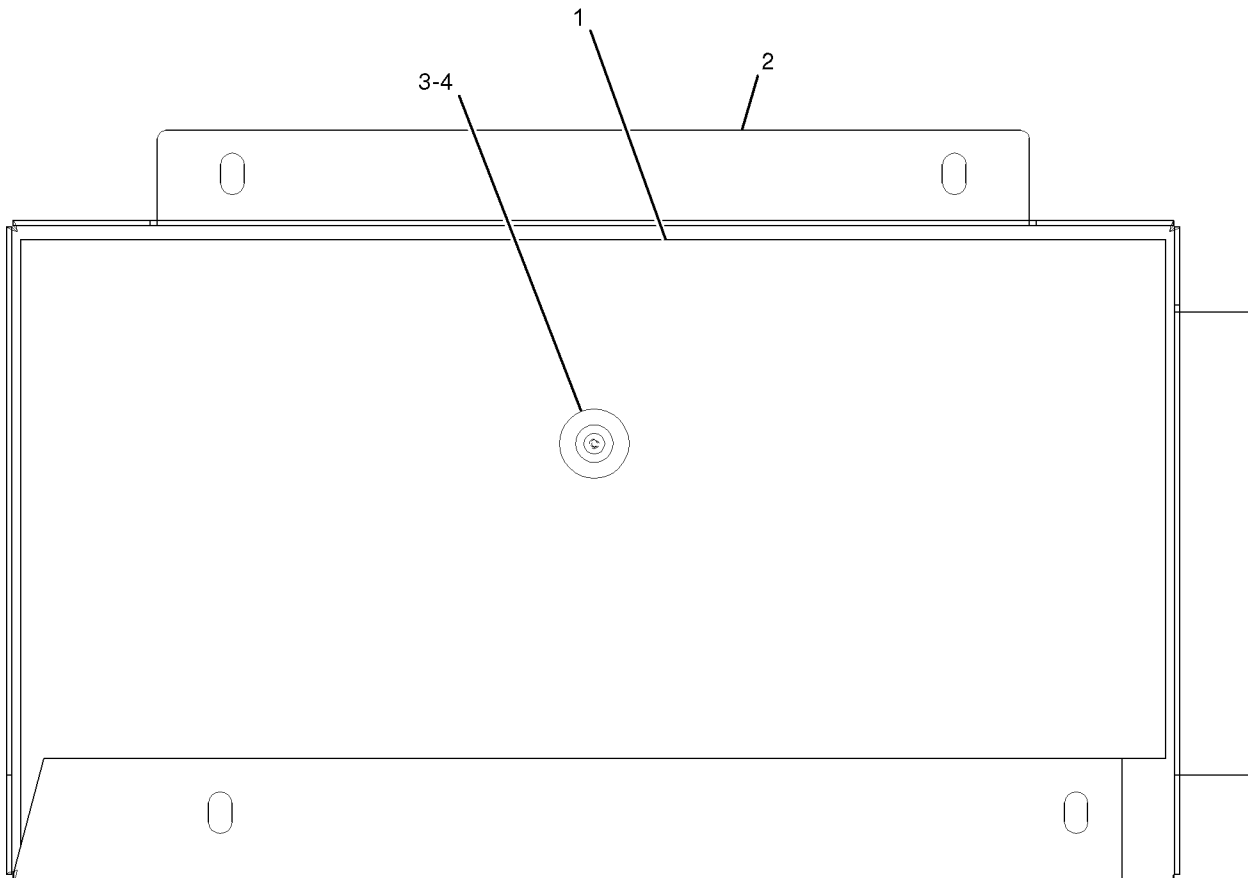
FRAME AND BODY

242 - 8534 PANEL GP - SOUND SUPPRESSION- HOOD SIDE, FRONT, LH S/N: ASX1-UP PART OF 238-9267 SUPPRESSION GP-SOUND AN ATTACHMENT

SMCS-7076, 7261

i02758561

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	203-2554	1	INSULATION						
	2	1	242-8532	1	PANEL AS (LH)						
		1	6Y-9625	1	PIN-WELD						
	3	1	4I-7924	1	WASHER (4.5X40X1.2-MM THK)						
	4	1	6P-2216	1	CAP (PUSH ON) (PUSH ON)						



GRAPHIC #1

<END>

g01034615

FRAME AND BODY

233 - 7030 SHIELD GP - ENGINE COMPARTMENT

S/N: ASX1-UP

PART OF 226-9594, 300-6281 CHASSIS AR

SMCS-7154, 7263

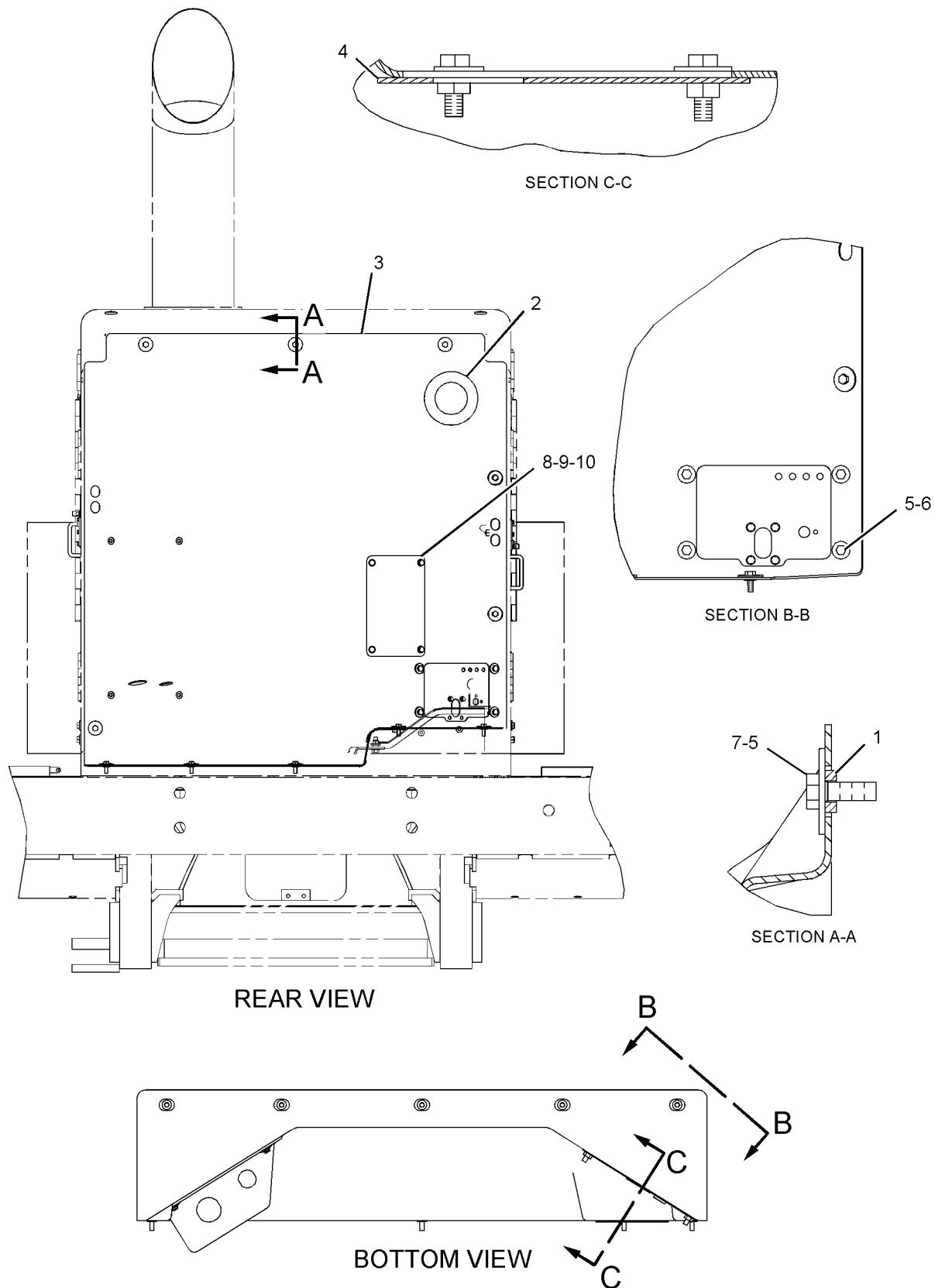
i02234482

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	4H-1225	11	WASHER (11X22X6-MM THK)	
	2	1	178-3129	1	GROMMET	
	3	1	263-7304	1	SHIELD AS-ENGINE COMPARTMENT	
		1	4F-8711	1	BUTTON-PLUG	
	4	1	188-3106	1	PLATE AS	
M	5	1	8T-4195	15	BOLT (M10X1.5X30-MM)	
	6	1	8T-4222	4	WASHER-PLATED (11X32X2.5-MM THK)	
	7	1	8T-4226	11	WASHER-PLATED (10.5X45X3-MM THK)	
	8	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)	
M	9	1	8T-4137	4	BOLT (M10X1.5X20-MM)	
	10	1	246-6529	1	PLATE	
M-METRIC PART						

FRAME AND BODY

233-7030 SHIELD GP-ENGINE COMPARTMENT (contd.)

i02234482



FRAME AND BODY

263-7374 SHIELD GP-ENGINE COMPARTMENT

S/N: ASX1-UP

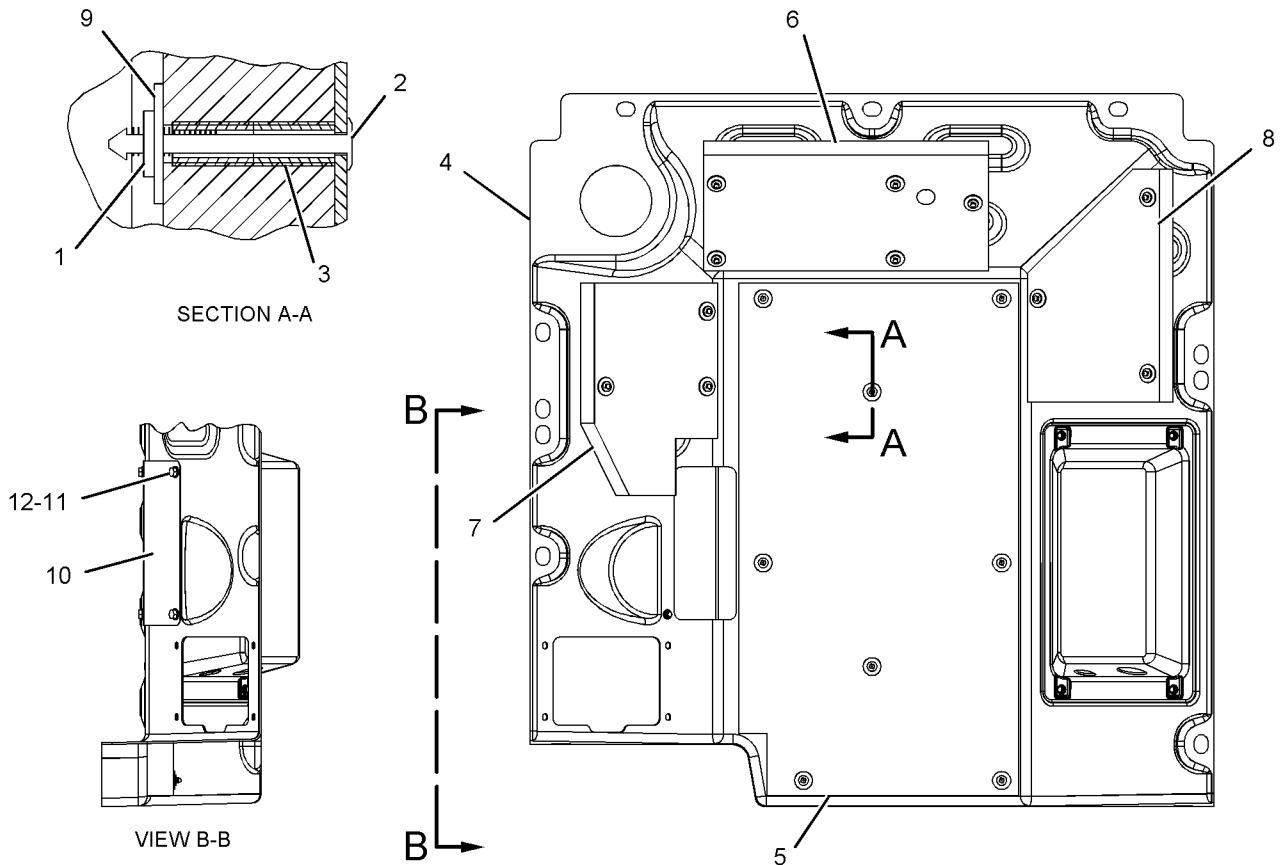
PART OF 232-1700, 238-9267 SUPPRESSION GP-SOUND
AN ATTACHMENT

SMCS-7154, 7263

i02216190

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	133-1645	19	WASHER						
	2	1	148-8240	19	CLIP						
	3	1	184-4942	38	SPACER						
	4	1	263-7304	1	SHIELD AS-ENGINE COMPARTMENT						
		1	4F-8711	1	BUTTON-PLUG						
	5	1	192-4361	1	INSULATION						
	6	1	192-4362	1	INSULATION						
	7	1	192-4363	1	INSULATION						
	8	1	192-4364	1	INSULATION						
	9	1	7X-0603	19	WASHER-HARD (9.9X35X2.5-MM THK)						
	10	1	246-6529	1	PLATE						
	11	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	12	1	8T-4137	4	BOLT (M10X1.5X20-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01118897

FRAME AND BODY

263-5462 SUPPORT GP-AIR INLET

S/N: ASX1-UP

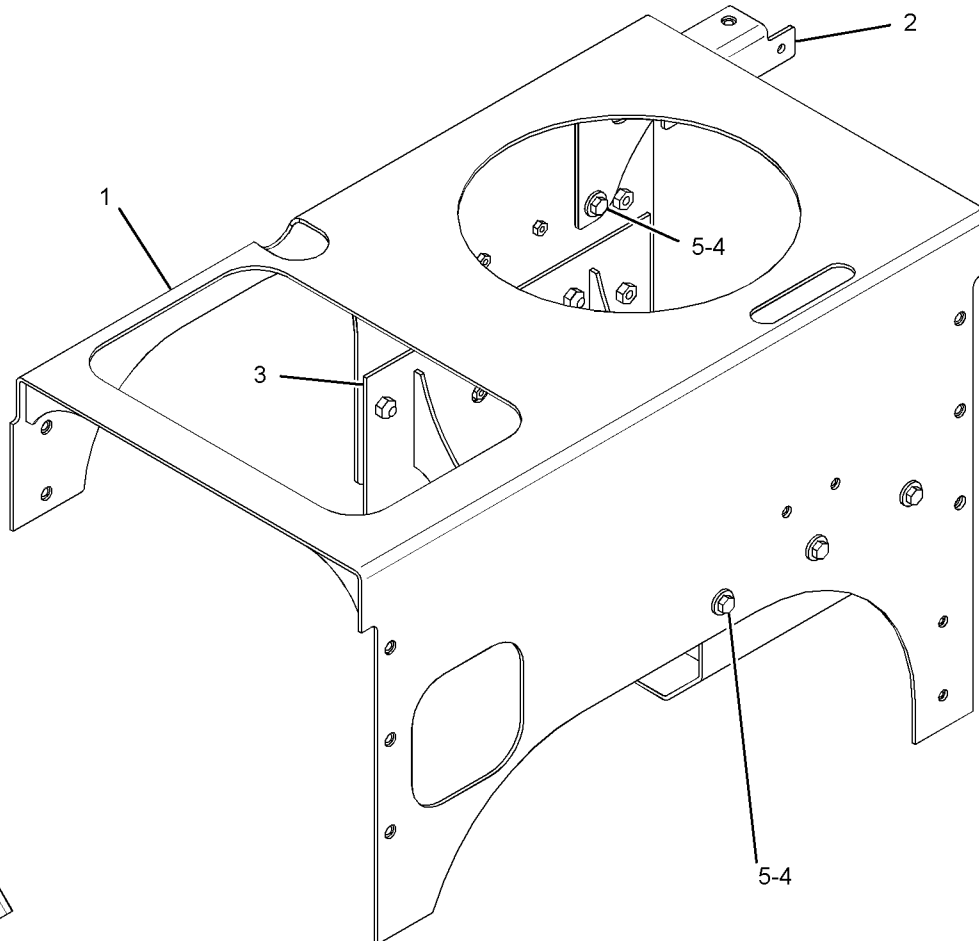
PART OF 227-3116 HOOD GP

SMCS-1087

i02206414

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	263-5461	1	SUPPORT AS						
M		1	8T-3490	4	NUT-WELD (M10X1.5-THD)						
M		1	8T-3597	11	NUT-WELD (M12X1.75 THD)						
M		1	8T-3612	4	NUT-WELD (M8X1.25-THD)						
M		1	8T-3734	1	BOSS-WELD (M10X1.5X40-MM)						
	2	1	263-7345	1	BRACKET AS						
M		1	8T-3597	1	NUT-WELD (M12X1.75 THD)						
	3	1	263-5459	1	BRACKET AS						
		1	7T-1099	1	LINK						
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)						
M		1	8T-3597	8	NUT-WELD (M12X1.75 THD)						
M		1	8T-3851	2	BOSS-WELD (M10X1.5X17.5-MM)						
	4	1	5P-1076	8	WASHER-HARD (13.5X30X4-MM THK)						
M	5	1	8T-4139	8	BOLT (M12X1.75X30-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01119144

FRAME AND BODY

228 - 7965 SUPPRESSION AR - SOUND

S/N: ASX1-UP

AN ATTACHMENT

SMCS - 7261

i02281617

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	191-8153	1	SUPPRESSION GP-CAB SOUND (LOWER)						894
Y	232-1700	1	SUPPRESSION GP-SOUND (HOOD, SIDE PANELS)						570
Y-SEPARATE ILLUSTRATION									
<END>									

228 - 7967 SUPPRESSION AR - SOUND

S/N: ASX1-UP

CANNOT BE USED WITH 228-7965—PAGE 569

AN ATTACHMENT

SMCS - 7261

i01998278

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	191-8153	1	SUPPRESSION GP-CAB SOUND (LOWER)						894
Y	238-9267	1	SUPPRESSION GP-SOUND (HOOD, SIDE PANELS)						574
Y-SEPARATE ILLUSTRATION									
<END>									

FRAME AND BODY

232 - 1700 SUPPRESSION GP - SOUND-HOOD, SIDE PANELS

S/N: ASX1-191

PART OF 228-7965 SUPPRESSION AR - SOUND
AN ATTACHMENT

SMCS-7076, 7261

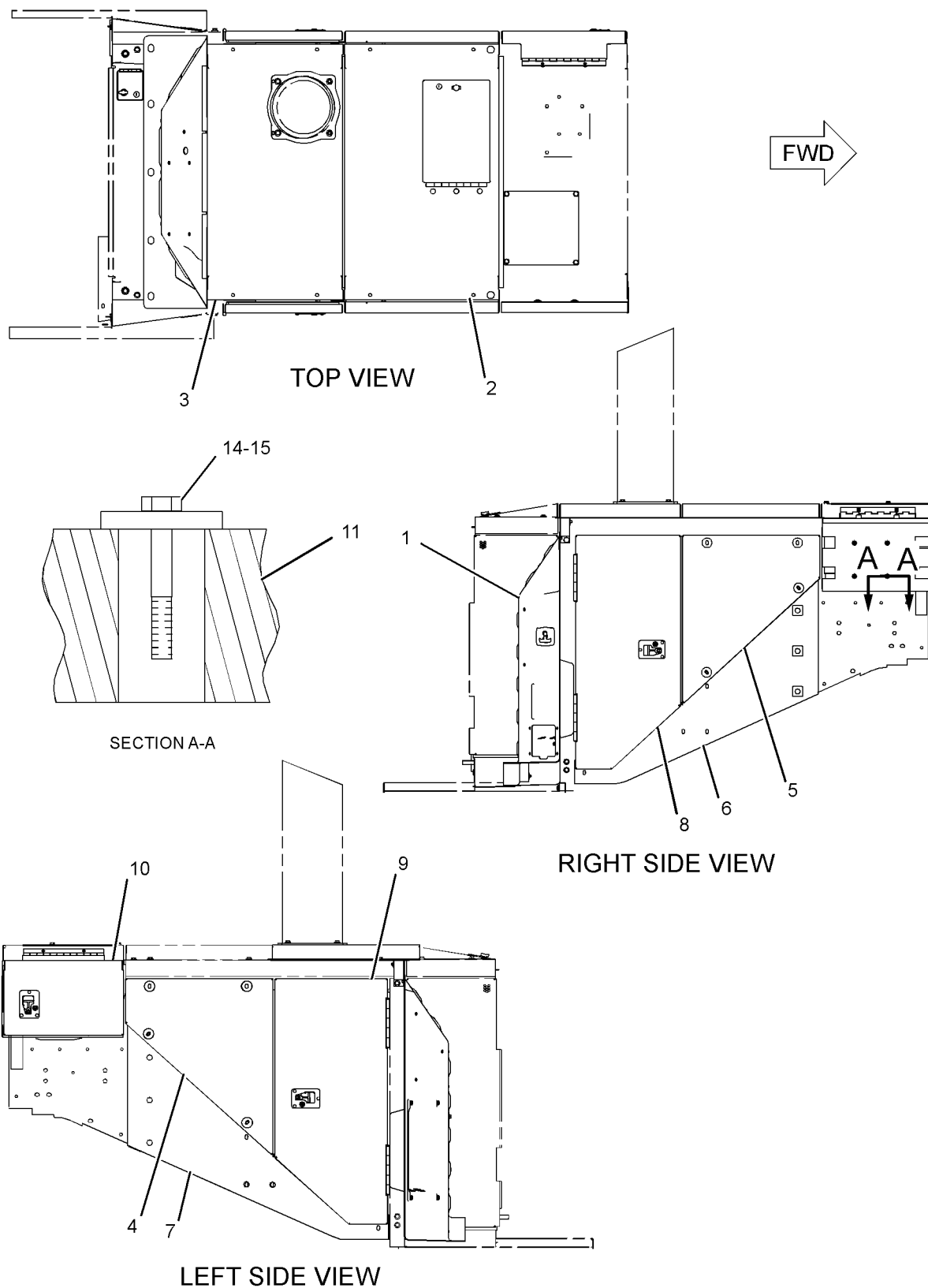
i02464850

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	263-7374	1	SHIELD GP-ENGINE COMPARTMENT (SOUND SUPPRESSION)	567
Y	2	1	230-0957	1	PANEL GP-SOUND SUPPRESSION (HOOD TOP, CENTER)	554
Y	3	1	230-0958	1	PANEL GP-SOUND SUPPRESSION (HOOD TOP, REAR)	556
Y	4	1	230-4223	1	PANEL GP-SOUND SUPPRESSION (HOOD SIDE, FRONT, LH)	557
Y	5	1	230-4224	1	PANEL GP-SOUND SUPPRESSION (HOOD SIDE, FRONT, RH)	558
Y	6	1	230-4550	1	PANEL GP-SOUND SUPPRESSION (SIDE, LOWER, RH)	559
Y	7	1	230-4551	1	PANEL GP-SOUND SUPPRESSION (SIDE, LOWER, LH)	560
Y	8	1	230-5351	1	DOOR GP-ACCESS (SOUND SUPPRESSION, RH)	493
Y	9	1	230-5352	1	DOOR GP-ACCESS (SOUND SUPPRESSION, LH)	495
Y	10	1	232-3268	1	DOOR GP-ACCESS (SOUND SUPPRESSION, LOWER, LH)	498
	11	1	232-3320	1	INSULATION	
M	14	1	093-4202	4	BOLT (M6X1X45-MM)	
	15	1	7X-0586	4	WASHER-HARD (M7.2X32X2-MM THK)	
M-METRIC PART Y-SEPARATE ILLUSTRATION						

FRAME AND BODY

232 - 1700 SUPPRESSION GP - SOUND (contd.)

i02464850



GRAPHIC #1

<END>

g01230352

FRAME AND BODY

232 - 1700 SUPPRESSION GP - SOUND-HOOD, SIDE PANELS

S/N: ASX192-UP

PART OF 228-7965 SUPPRESSION AR - SOUND
AN ATTACHMENT

SMCS-7076, 7261

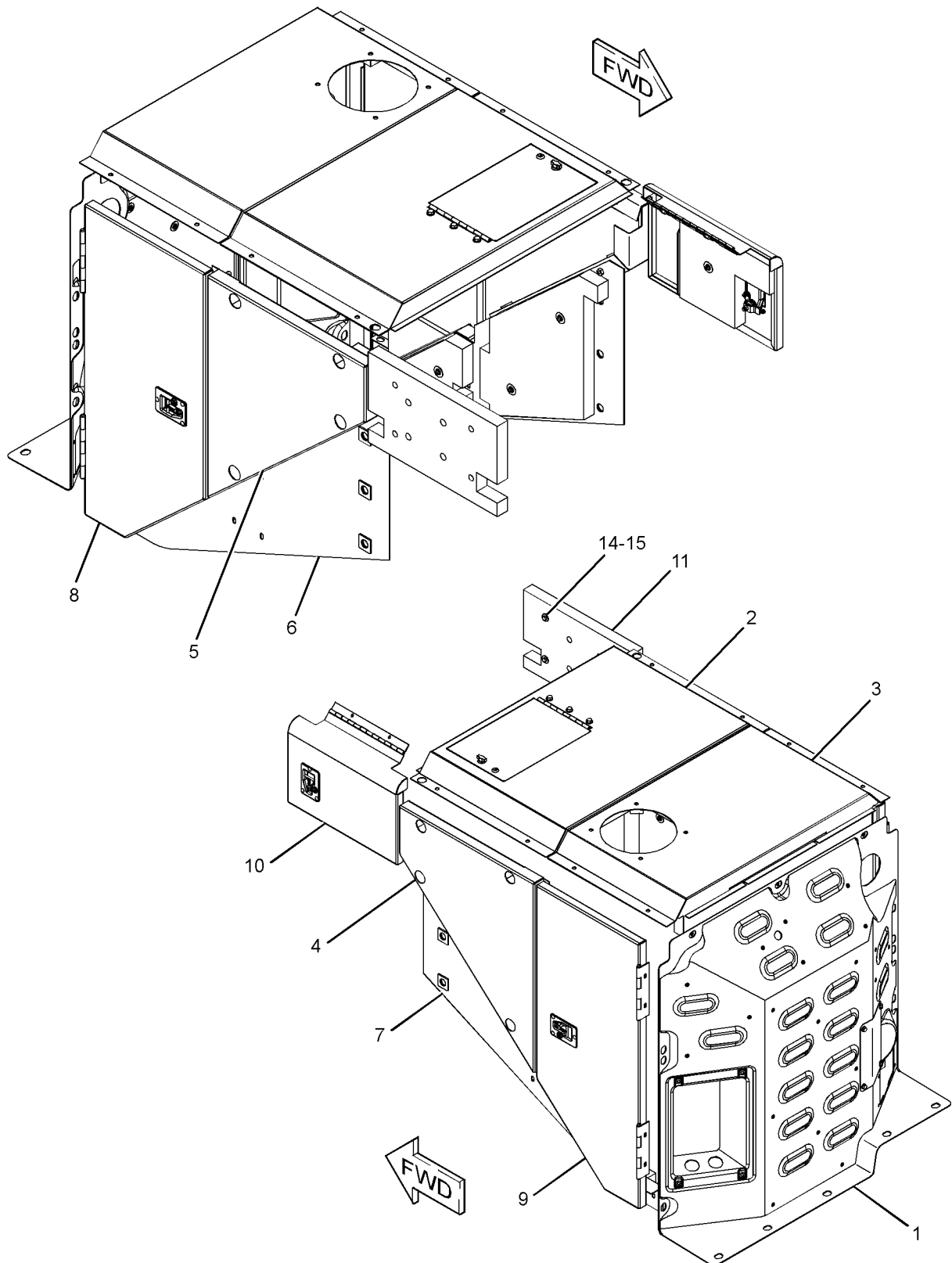
i02459543

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	263-7374	1	SHIELD GP-ENGINE COMPARTMENT (SOUND SUPPRESSION)	567
Y	2	1	230-0957	1	PANEL GP-SOUND SUPPRESSION (HOOD TOP, CENTER)	554
Y	3	1	230-0958	1	PANEL GP-SOUND SUPPRESSION (HOOD TOP, REAR)	556
Y	4	1	230-4223	1	PANEL GP-SOUND SUPPRESSION (HOOD SIDE, FRONT, LH)	557
Y	5	1	230-4224	1	PANEL GP-SOUND SUPPRESSION (HOOD SIDE, FRONT, RH)	558
Y	6	1	230-4550	1	PANEL GP-SOUND SUPPRESSION (SIDE, LOWER, RH)	559
Y	7	1	230-4551	1	PANEL GP-SOUND SUPPRESSION (SIDE, LOWER, LH)	560
Y	8	1	230-5351	1	DOOR GP-ACCESS (SOUND SUPPRESSION, RH)	493
Y	9	1	230-5352	1	DOOR GP-ACCESS (SOUND SUPPRESSION, LH)	495
Y	10	1	232-3268	1	DOOR GP-ACCESS (SOUND SUPPRESSION, LOWER, LH)	498
	11	1	232-3320	1	INSULATION	
CM	14	1	8T-4137	4	BOLT (M10X1.5X20-MM)	
C	15	1	8T-4222	4	WASHER-PLATED (11X32X2.5-MM THK)	
C - CHANGE FROM PREVIOUS TYPE						
M - METRIC PART						
Y - SEPARATE ILLUSTRATION						

FRAME AND BODY

232 - 1700 SUPPRESSION GP - SOUND (contd.)

i02459543



GRAPHIC #1

<END>

g01229845

FRAME AND BODY

238 - 9267 SUPPRESSION GP - SOUND-HOOD, SIDE PANELS

S/N: ASX1-191

PART OF 228-7967 SUPPRESSION AR - SOUND
AN ATTACHMENT

SMCS-7076, 7261

i02436984

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	263-7374	1	SHIELD GP-ENGINE COMPARTMENT (SOUND SUPPRESSION)	567
Y	2	1	203-6710	1	PANEL GP-SOUND SUPPRESSION (HOOD SIDE, FRONT, RH)	552
Y	3	1	203-6711	1	PANEL GP-SOUND SUPPRESSION (HOOD SIDE, FRONT, LH)	553
Y	4	1	230-0957	1	PANEL GP-SOUND SUPPRESSION (HOOD TOP, CENTER)	554
Y	5	1	230-0958	1	PANEL GP-SOUND SUPPRESSION (HOOD TOP, REAR)	556
Y	6	1	230-7811	1	DOOR GP-ACCESS (SOUND SUPPRESSION, RH)	496
Y	7	1	230-7812	1	DOOR GP-ACCESS (SOUND SUPPRESSION, LH)	497
Y	8	1	232-3268	1	DOOR GP-ACCESS (SOUND SUPPRESSION, LOWER, LH)	498
	9	1	232-3320	1	INSULATION	
Y	11	1	238-9269	1	PANEL GP-SOUND SUPPRESSION (HOOD SIDE, REAR, RH)	561
Y	12	1	238-9271	1	PANEL GP-SOUND SUPPRESSION (HOOD SIDE, REAR, LH)	562
Y	13	1	242-8533	1	PANEL GP-SOUND SUPPRESSION (HOOD SIDE, FRONT, RH)	563
Y	14	1	242-8534	1	PANEL GP-SOUND SUPPRESSION (HOOD SIDE, FRONT, LH)	564
	15	1	7X-0515	4	WASHER-HARD (17X35X5-MM THK)	
M	16	1	9X-2480	4	BOLT (M6X1X45-MM)	
	17	1	9X-6165	4	WASHER (6.5X22X2.5-MM THK)	

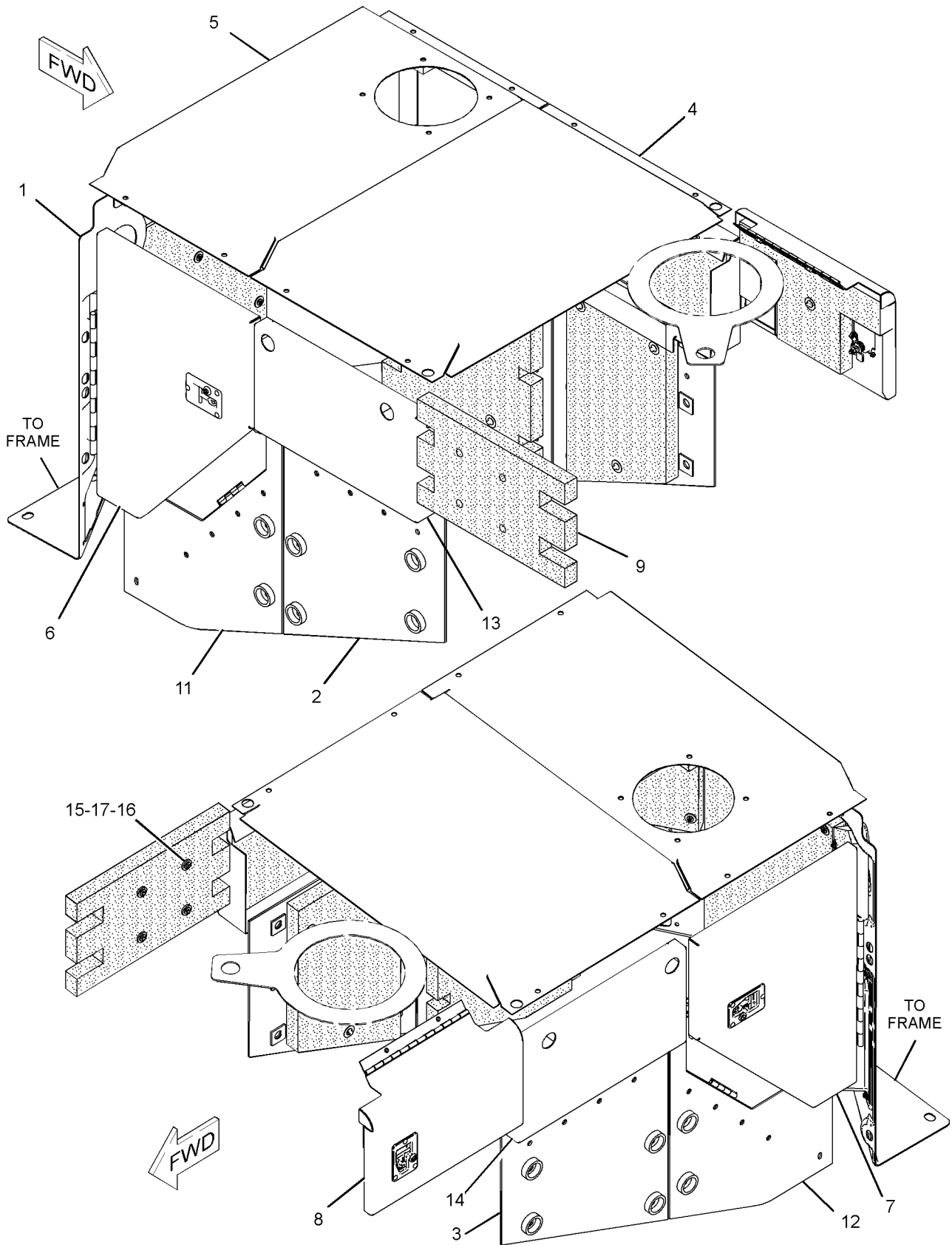
M-METRIC PART

Y-SEPARATE ILLUSTRATION

FRAME AND BODY

238-9267 SUPPRESSION GP - SOUND (contd.)

i02436984



GRAPHIC #1

<END>

g01217468

FRAME AND BODY

238-9267 SUPPRESSION GP-SOUND-HOOD, SIDE PANELS

S/N: ASX192-UP

PART OF 228-7967 SUPPRESSION AR-SOUND
AN ATTACHMENT

SMCS-7076, 7261

i02459540

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	263-7374	1	SHIELD GP-ENGINE COMPARTMENT (SOUND SUPPRESSION)	567
Y	2	1	203-6710	1	PANEL GP-SOUND SUPPRESSION (HOOD SIDE, FRONT, RH)	552
Y	3	1	203-6711	1	PANEL GP-SOUND SUPPRESSION (HOOD SIDE, FRONT, LH)	553
Y	4	1	230-0957	1	PANEL GP-SOUND SUPPRESSION (HOOD TOP, CENTER)	554
Y	5	1	230-0958	1	PANEL GP-SOUND SUPPRESSION (HOOD TOP, REAR)	556
Y	6	1	230-7811	1	DOOR GP-ACCESS (SOUND SUPPRESSION, RH)	496
Y	7	1	230-7812	1	DOOR GP-ACCESS (SOUND SUPPRESSION, LH)	497
Y	8	1	232-3268	1	DOOR GP-ACCESS (SOUND SUPPRESSION, LOWER, LH)	498
	9	1	232-3320	1	INSULATION	
Y	11	1	238-9269	1	PANEL GP-SOUND SUPPRESSION (HOOD SIDE, REAR, RH)	561
Y	12	1	238-9271	1	PANEL GP-SOUND SUPPRESSION (HOOD SIDE, REAR, LH)	562
Y	13	1	242-8533	1	PANEL GP-SOUND SUPPRESSION (HOOD SIDE, FRONT, RH)	563
Y	14	1	242-8534	1	PANEL GP-SOUND SUPPRESSION (HOOD SIDE, FRONT, LH)	564
C	15	1	8T-4222	4	WASHER-PLATED (11X32X2.5-MM THK)	
CM	16	1	8T-4137	4	BOLT (M10X1.5X20-MM)	

C- CHANGE FROM PREVIOUS TYPE

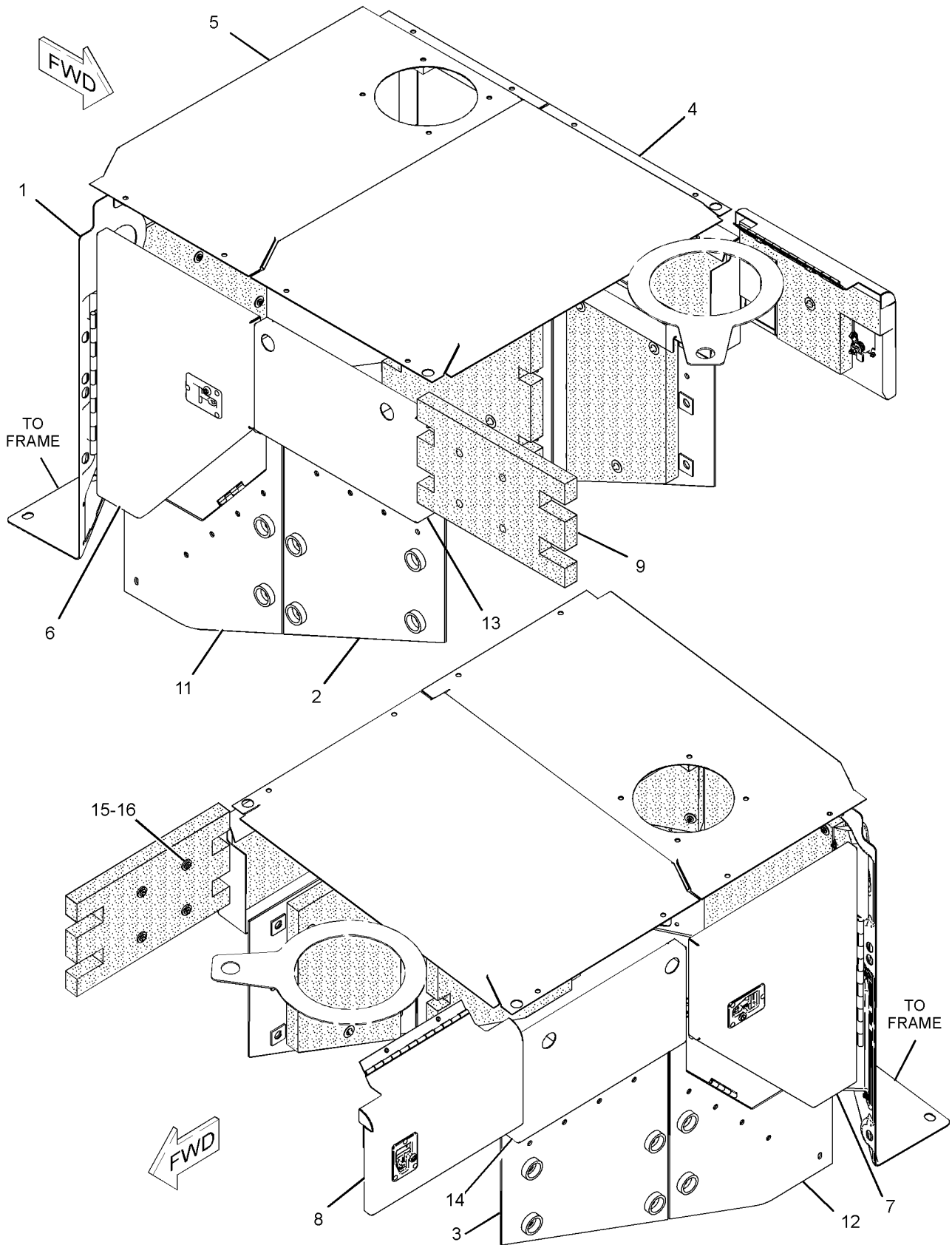
M- METRIC PART

Y- SEPARATE ILLUSTRATION

FRAME AND BODY

238-9267 SUPPRESSION GP - SOUND (contd.)

i02459540



GRAPHIC #1

<END>

g01228715

BRAKING SYSTEM

220 - 1432 ACCUMULATOR GP - BRAKE-CHARGED

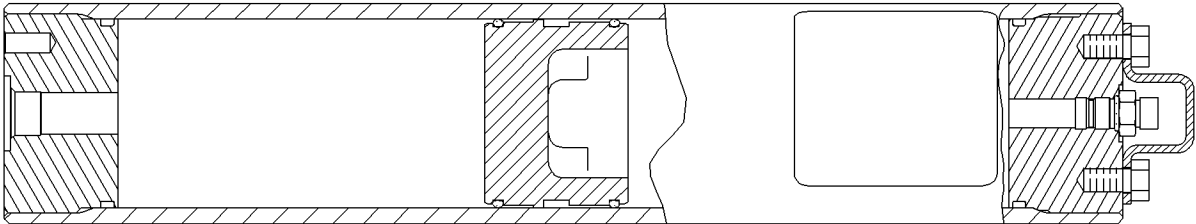
S/N: ASX1-UP

PART OF 231 - 8634 CONTROL GP - SERVICE BRAKE
FIELD REPLACEMENT ORDER 220 - 2720 - PAGE 579

SMCS - 4263

i02373178

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



GRAPHIC #1

<END>

g00983855

BRAKING SYSTEM

220-2720 ACCUMULATOR GP-BRAKE-UNCHARGED

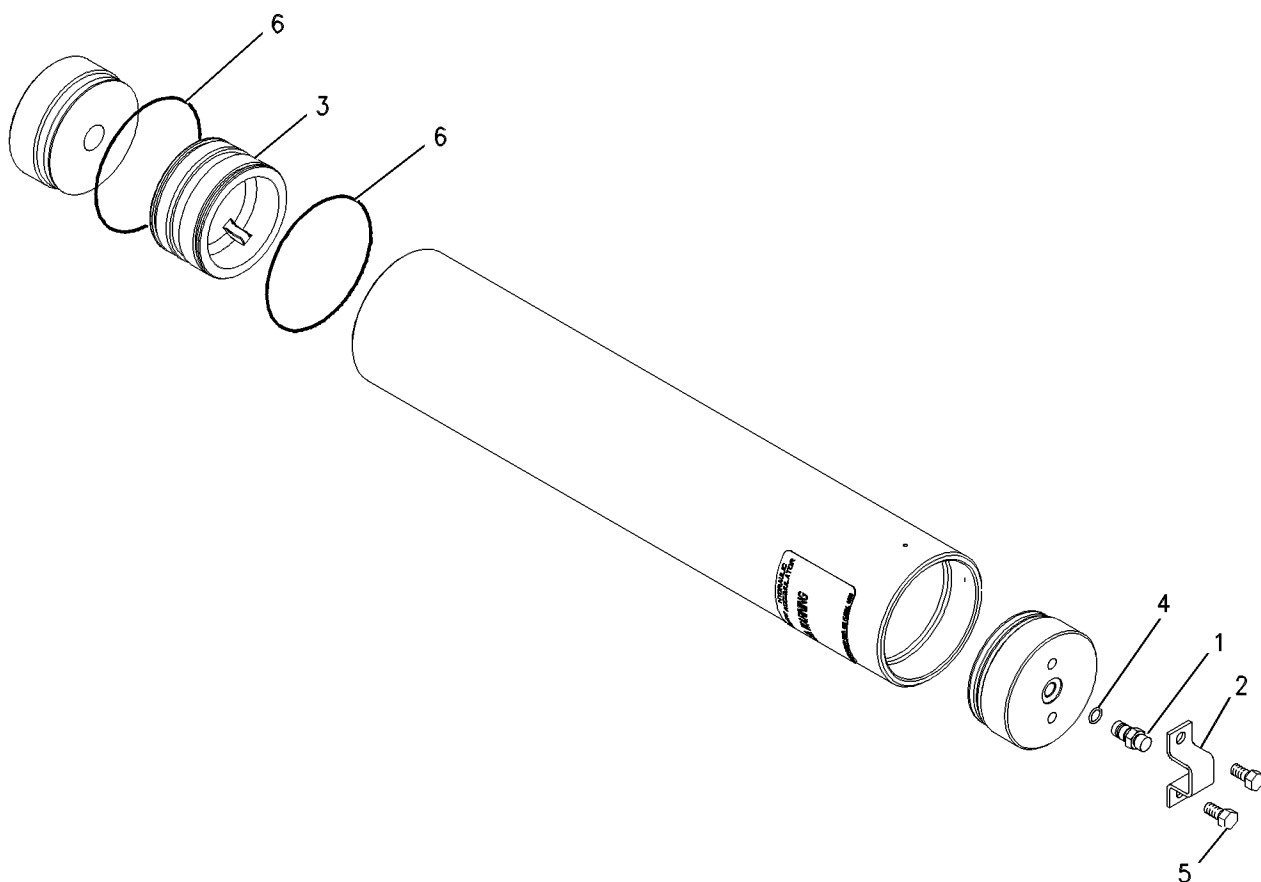
S/N: ASX1-UP

FIELD REPLACEMENT ORDER 283-1137-PAGE 580. FIELD REPLACEMENT FOR
220-1432-PAGE 578

SMCS-4263

i02761702

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	069-2535	1	VALVE - GAS						
	2	1	111-9110	1	PROTECTOR - GAS VALVE						
	3	1	135-7123	1	PISTON						
	4	1	1J-9671	1	SEAL - O - RING						
	5	1	5M-3062	2	BOLT (3/8-16X0.75-IN)						
	6	1	170-0493	1	KIT-SEAL (HYDRAULIC ACCUMULATOR)						
					(INCLUDES SEAL - O - RINGS, BACKUP WASHERS, PISTON RINGS, AND PISTON SEAL)						



GRAPHIC #1

<END>

g00292284

BRAKING SYSTEM

283 - 1137 ACCUMULATOR GP - BRAKE-UNCHARGED

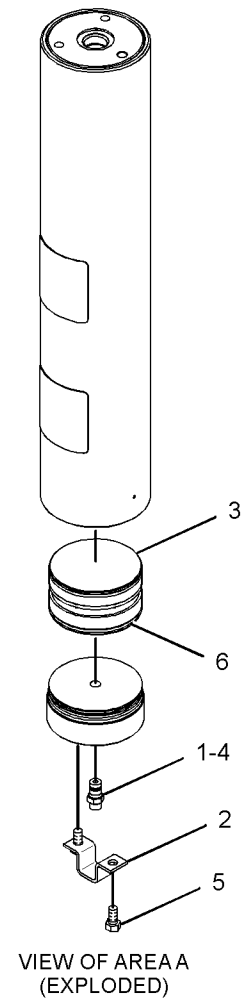
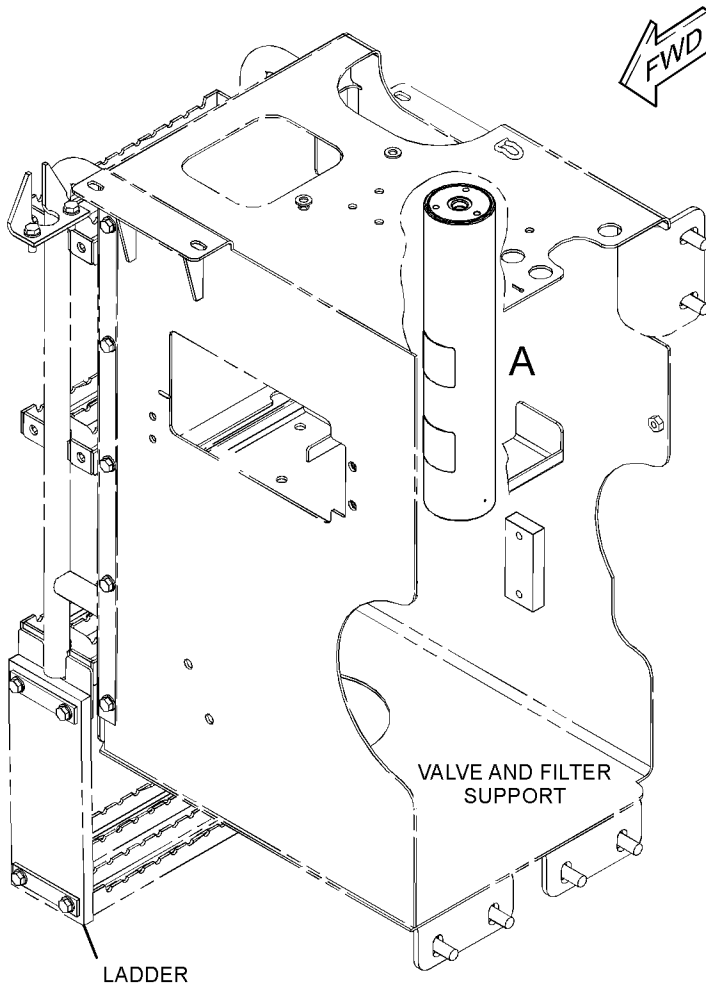
S/N: ASX1-UP

FIELD REPLACEMENT FOR 220-2720-PAGE 579

SMCS-4263

i02518326

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	069-2535	1	VALVE-GAS						
	2	1	111-9110	1	PROTECTOR-GAS VALVE						
	3	1	135-7123	1	PISTON						
	4	1	1J-9671	1	SEAL-O-RING						
	5	1	5M-3062	2	BOLT (3/8-16X0.75-IN)						
	6	1	170-0493	1	KIT-SEAL (HYDRAULIC ACCUMULATOR)						
(KIT INCLUDES SEALS,WASHERS,AND PISTON)											



BRAKING SYSTEM

180-4003 BASE GP-FOOT BRAKE-PEDAL, RH

S/N: ASX1-UP

PART OF 180-4002 CONTROL GP-FOOT BRAKE

SMCS-4269

i02279443

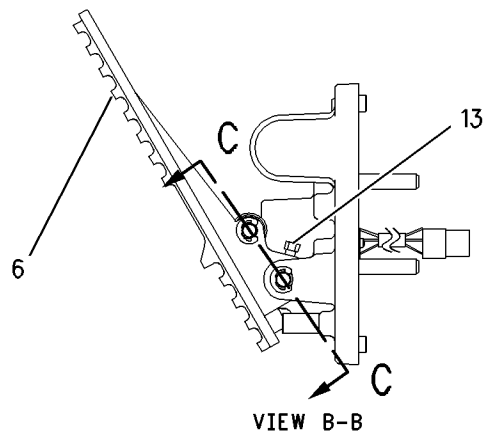
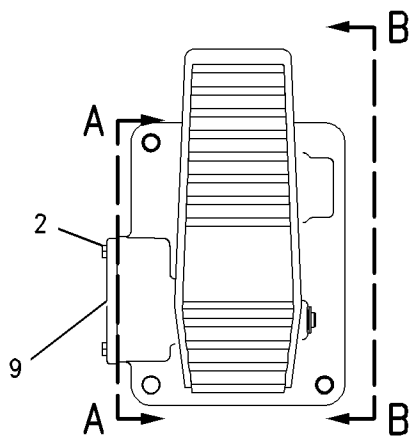
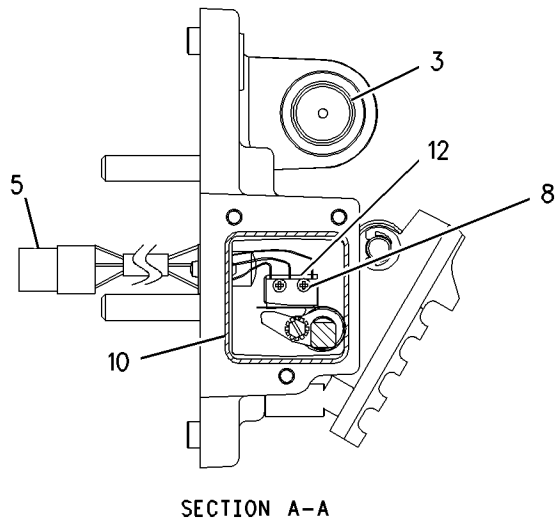
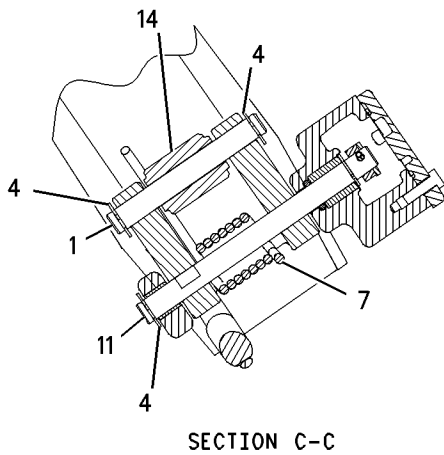
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4E-9664	1	PIN						
	2	1	5M-6755	3	SCREW-MACHINE (NO 10X0.562-IN)						
	3	1	8S-2225	1	SEAL-LIP TYPE						
	4	1	009-3101	1	RING-RETAINING						
	5	1	112-2276	1	HARNESS AS-BRAKE (RIGHT FT BRAKE BASE)						
		1	127-4988	1	SWITCH AS-LIMIT (SINGLE POLE) (THROTTLE LOCK DEACTIVATION) (RIGHT BRAKE PEDAL)						
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN) (INCLUDES PLUG AS AND WEDGE)						
		1	124-5811	1	GROMMET AS						
	6	1	113-7752	1	PEDAL-BRAKE						
	7	1	115-2247	1	SPRING						
M	8	1	125-3295	2	SCREW-PAN HEAD (M2.5X0.45X12-MM)						
	9	1	128-0606	1	COVER						
	10	1	128-0607	1	SEAL						
	11	1	146-1891	1	SHAFT AS						
		1	1H-4393	1	LOCKWASHER						
		1	6V-6718	1	SCREW-SELF-TAPPING (M8X32X6.35-MM)						
		1	009-3101	1	RING-RETAINING						
		1	146-1890	1	PIN						
	12	1	148-5581	1	INSULATOR						
M	13	1	153-6273	1	SETSCREW						
	14	1	163-3926	1	ROLLER						

M-METRIC PART

BRAKING SYSTEM

180-4003 BASE GP-FOOT BRAKE (contd.)

i02279443



GRAPHIC #1

<END>

g00775787

BRAKING SYSTEM

180-4004 BASE GP-FOOT BRAKE-PEDAL, LH

S/N: ASX1-UP

PART OF 180-4002 CONTROL GP-FOOT BRAKE

SMCS-4269

i02756027

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3J-7354	1	SEAL-O-RING						
	2	1	4E-9664	1	PIN						
	3	1	5M-6755	6	SCREW-MACHINE (NO 10X0.562-IN)						
M	4	1	6V-2313	2	BOLT (M5X0.8X30-MM)						
	5	1	8S-2225	1	SEAL-LIP TYPE						
M	6	1	8T-2899	2	SCREW-MACHINE (M2.5X0.45X6)						
	7	1	009-3101	3	RING-RETAINING						
	8	1	105-6117	1	SWITCH AS-LIMIT (STOP LIGHT)						
	9	1	113-7752	1	PEDAL-BRAKE						
M	10	1	125-3295	2	SCREW-PAN HEAD (M2.5X0.45X12-MM)						
	11	1	205-3583	1	PIN						
	12	1	146-1892	1	HARNESS AS-BRAKE (STOP LIGHT) (LEFT FOOT BRAKE BASE)						
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN) (INCLUDES PLUG AS AND WEDGE)						
	13	1	146-1893	1	COVER						
	14	1	146-2598	1	SEAL						
Y	15	1	214-4863	1	SENSOR GP-POSITION (ROTARY) (TC IMPELLER CLUTCH, LH PEDAL)						264
	16	1	149-4925	1	ROLLER						
M	17	1	153-6273	1	SETSCREW						
	18	1	161-0022	1	SWITCH AS-ADJUSTABLE (STOP LIGHT LIMIT)						
	19	1	167-4348	1	SPRING						
	20	1	187-2108	1	TERMINAL						
	21	1	4B-4274	2	WASHER (5.5X13X1.2-MM THK)						
	22	1	9S-8002	1	PLUG-O-RING						

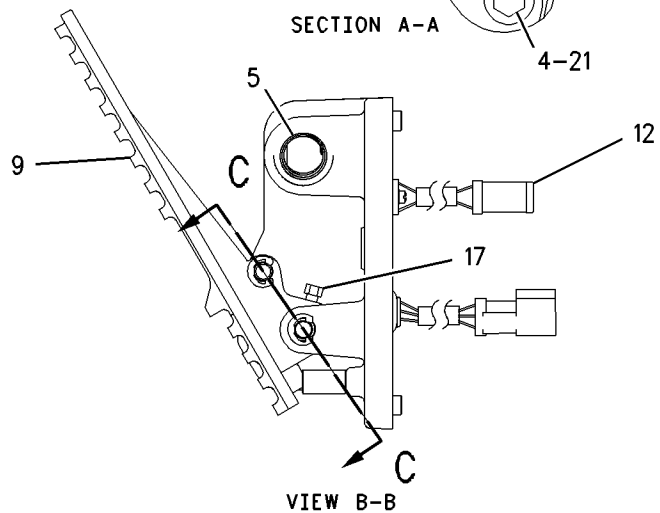
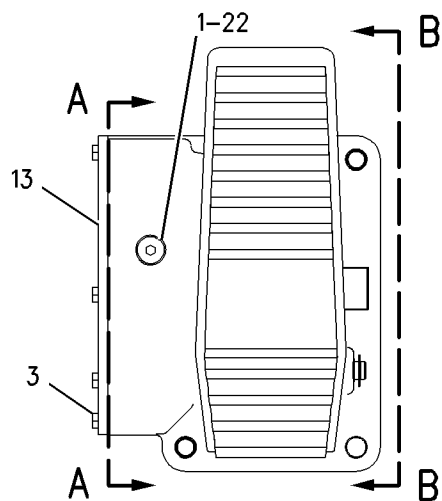
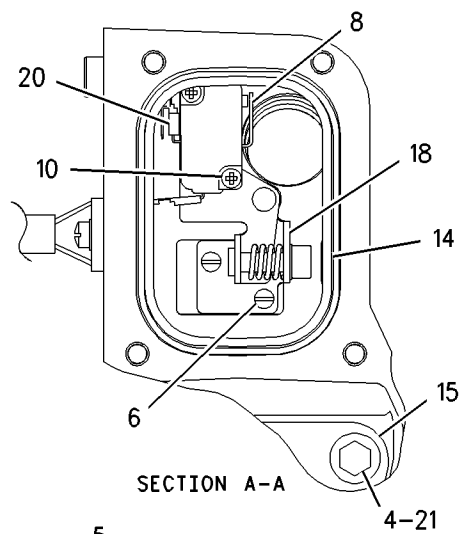
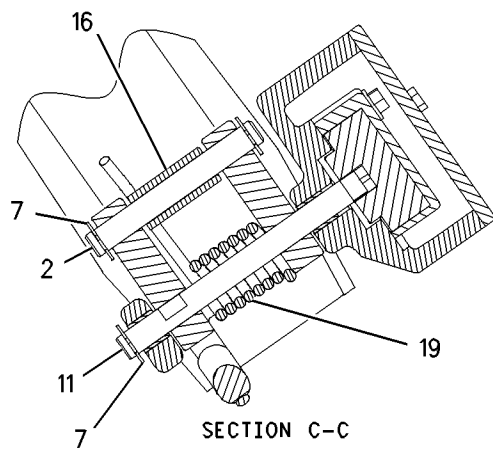
M-METRIC PART

Y-SEPARATE ILLUSTRATION

BRAKING SYSTEM

180-4004 BASE GP-FOOT BRAKE (contd.)

i02756027



GRAPHIC #1

<END>

g00756436

BRAKING SYSTEM

110-4774 BRAKE GP - PARKING

S/N: ASX1-UP

PART OF 226-9591 POWER TRAIN AR

SMCS-4267

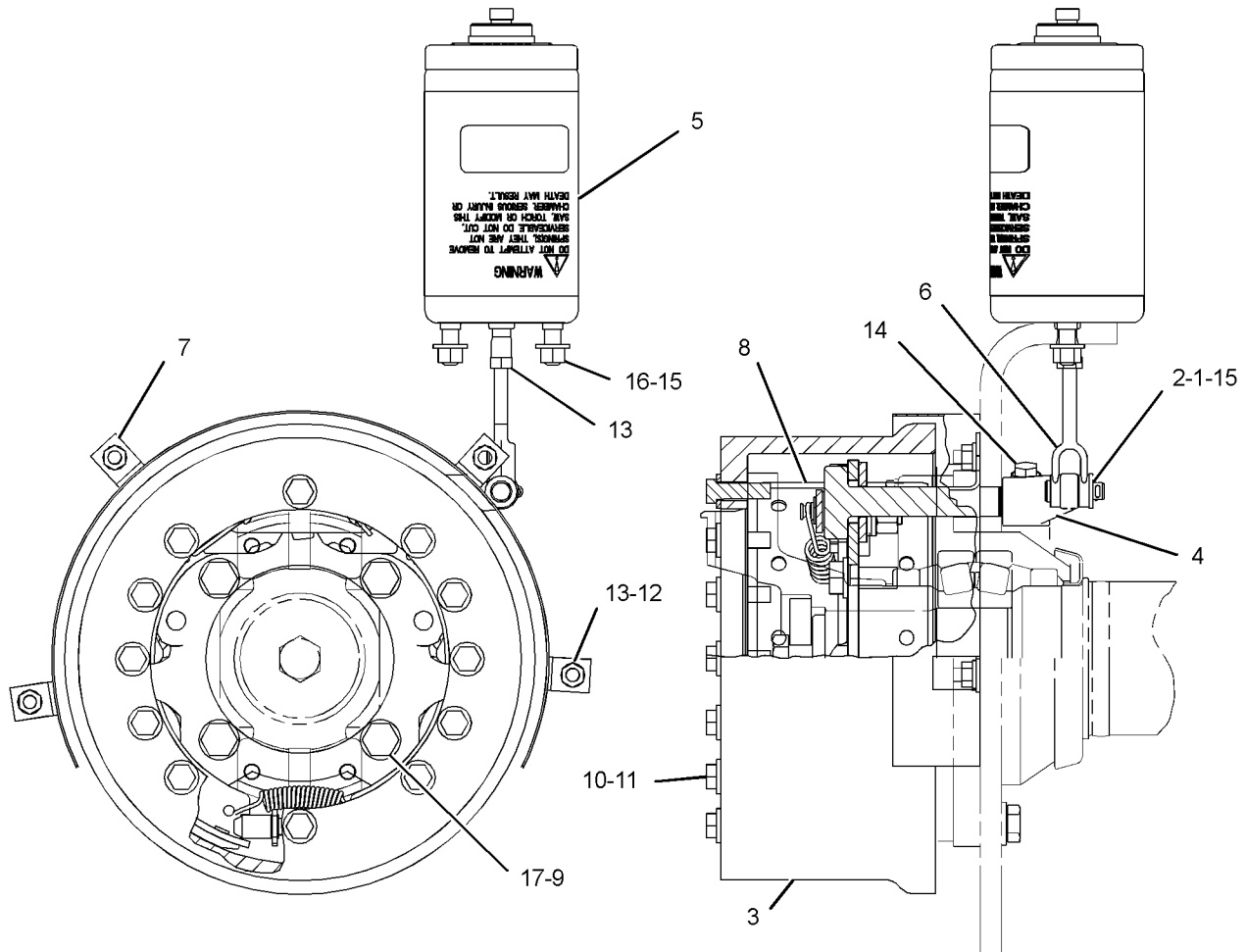
i02720245

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	3B-4617	1	PIN-COTTER	
	2	1	4K-1540	1	PIN-CLEVIS	
	3	1	111-7085	1	DRUM-BRAKE	
	4	1	121-6607	1	LEVER	
	5	1	206-0408	1	ACTUATOR AS-PARKING BRAKE	
		1	206-0407	1	BOOT	
	6	1	209-0499	1	END-YOKE ROD	
	7	1	242-4351	1	GUARD AS	
CY	8	1	283-9987	1	BRAKE GP-PARKING	586
	9	1	198-4768	4	WASHER-HARD (17.5X32X8-MM THK)	
	10	1	5P-8245	12	WASHER-HARD (13.5X25.5X3-MM THK)	
M	11	1	6V-8197	12	BOLT (M12X1.75X40-MM)	
	12	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)	
M	13	1	8T-4133	5	NUT (M10X1.5-THD)	
M	14	1	8T-4195	1	BOLT (M10X1.5X30-MM)	
	15	1	8T-4223	3	WASHER-HARD (13.5X25.5X3-MM THK)	
M	16	1	8T-4244	2	NUT (M12X1.75-THD)	
M	17	1	9X-2021	4	BOLT-LOCKING (M16X2X45-MM)	

C- CHANGE FROM PREVIOUS TYPE

M- METRIC PART

Y- SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01366235

BRAKING SYSTEM

283-9987 BRAKE GP - PARKING

S/N: ASX1-UP

PART OF 110-4774 BRAKE GP - PARKING

SMCS-4267

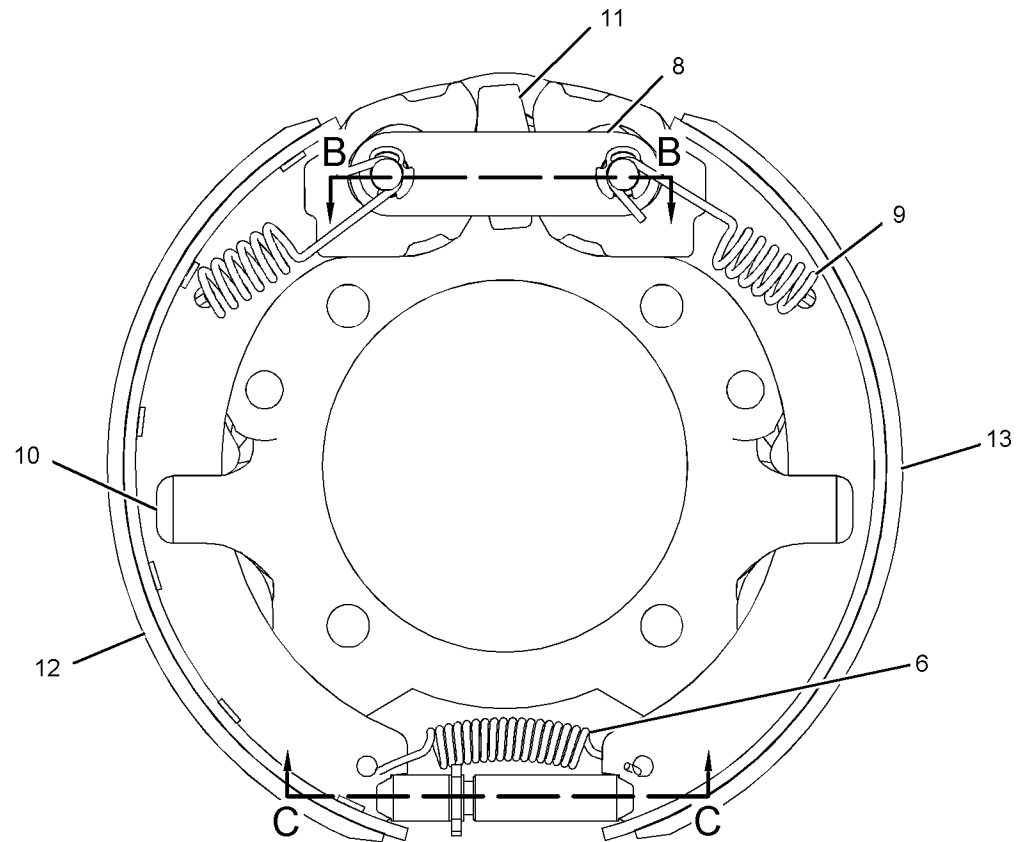
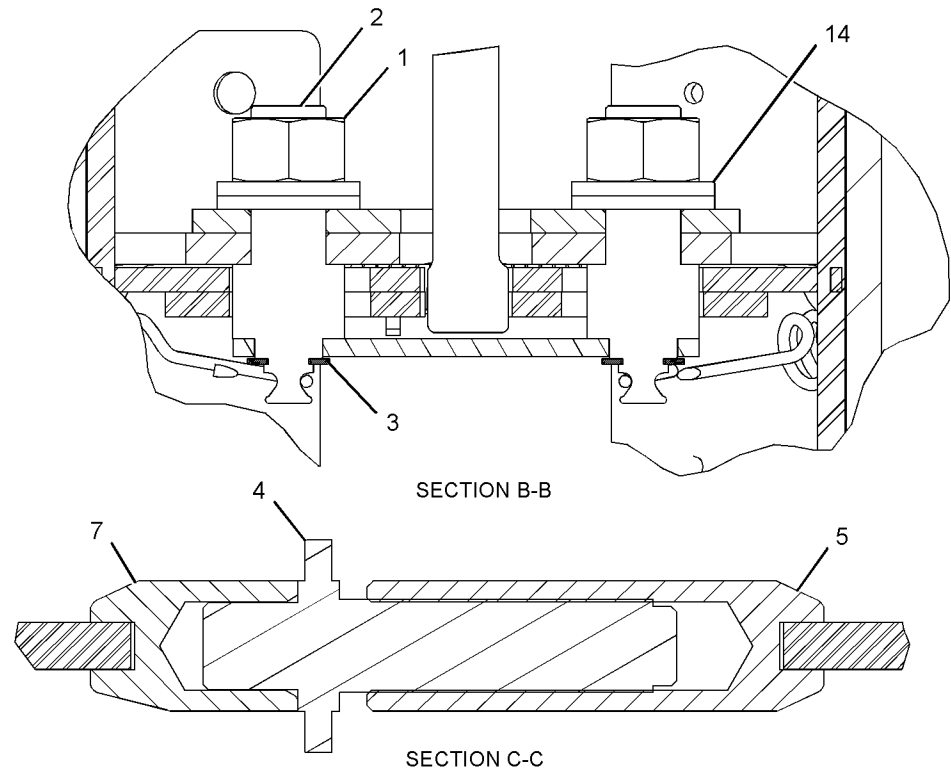
i02551712

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6B-6682	2	NUT-FULL (3/4-16-THD)						
	2	1	6W-7297	2	PIN						
	3	1	6W-7301	2	RING-RETAINING						
	4	1	7F-9571	1	SCREW-ADJUSTMENT						
	5	1	7F-9572	1	NUT (1/2-20 THD)						
	6	1	7F-9578	1	SPRING						
	7	1	7F-9579	1	SOCKET						
	8	1	9M-5137	1	BRACE-ANCHOR PIN						
	9	1	9M-5139	2	SPRING						
	10	1	9M-5140	1	PLATE AS						
	11	1	200-1318	1	CAMSHAFT						
	12	1	283-9988	1	SHOE & LINING AS (PARKING BRAKE, LH)						
	13	1	283-9989	1	SHOE & LINING AS (PARKING BRAKE, RH)						
	14	1	5P-8248	4	WASHER-HARD (20X36.5X3.5-MM THK)						
					AVAILABLE REPAIR KIT(S) :						
			283-9990	1	KIT-BRAKE LINING						
					(INCLUDES LINING AND RIVETS)						

BRAKING SYSTEM

283-9987 BRAKE GP - PARKING (contd.)

i02551712



GRAPHIC #1

<END>

g01277572

BRAKING SYSTEM

208-5972 BRAKE GP-SERVICE

S/N: ASX1-UP

PART OF 238-8562 AXLE AR-FIXED, 229-8208 AXLE AR-OSCILLATING

SMCS-4251

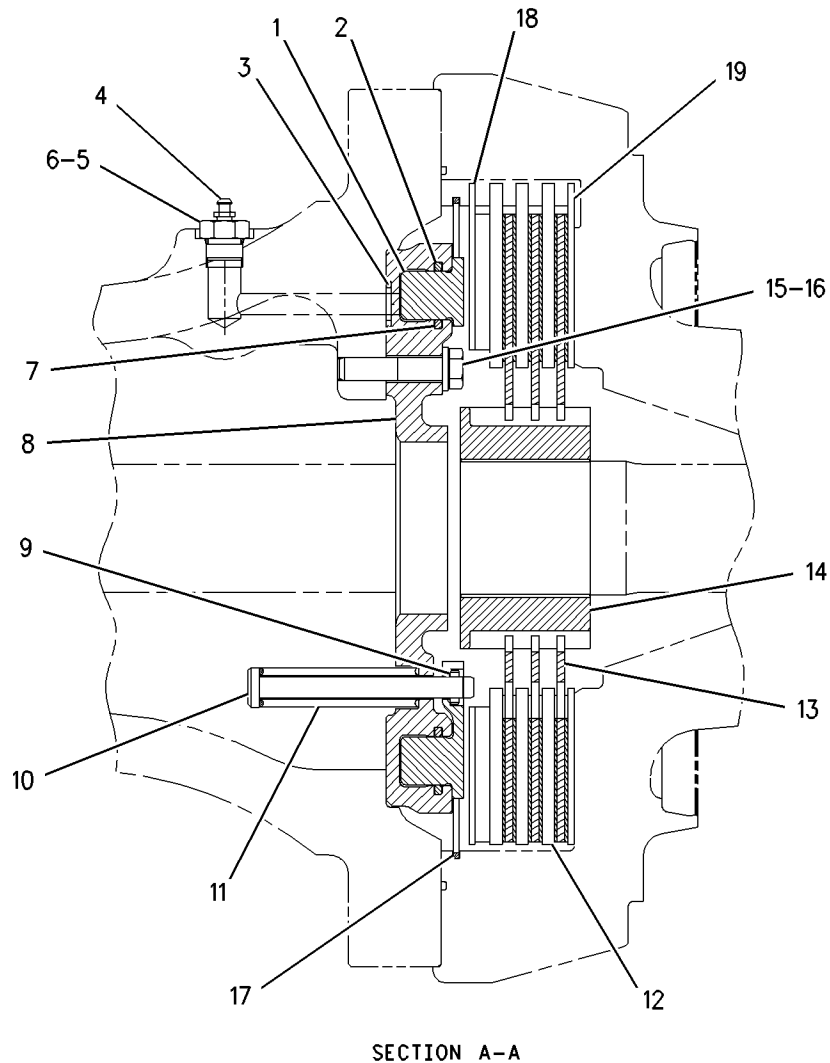
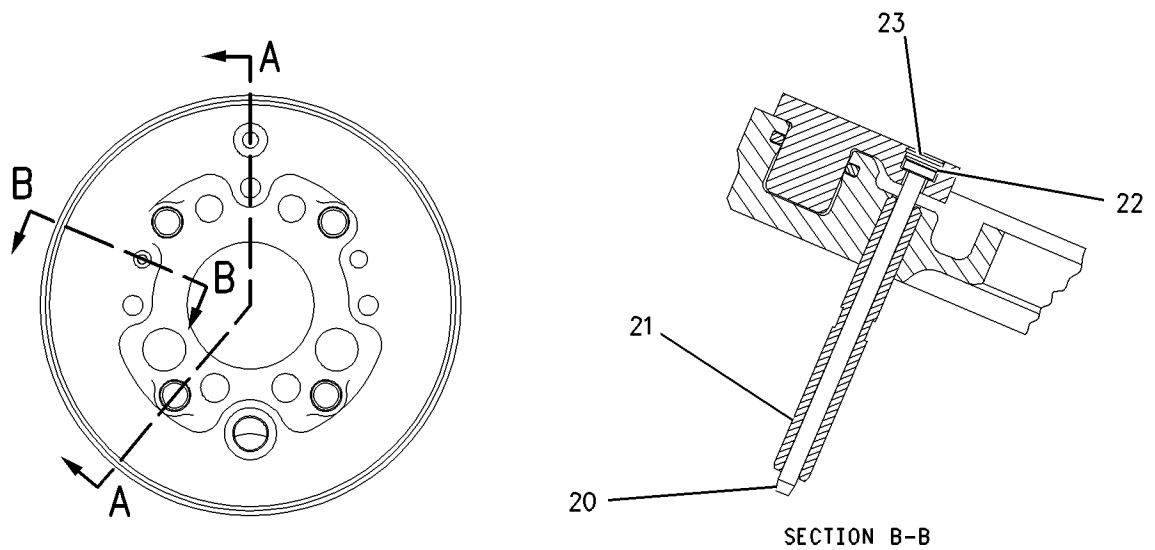
i01620395

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	213-1152	1	PISTON						
	2	1	151-6251	1	SEAL-D-RING						
	3	1	5P-8119	1	SEAL-O-RING						
	4	1	9F-2167	1	SCREW-PURGE (3/8-24-THD)						
	5	1	110-2446	1	ADAPTER						
	6	1	3K-0360	1	SEAL-O-RING						
	7	1	151-6250	1	SEAL-D-RING						
	8	1	193-1152	1	HOUSING						
	9	1	6M-9155	4	PIN						
	10	1	7V-8346	4	SPRING-GUIDE						
	11	1	8V-3609	4	SPRING-RETRACTOR						
	12	1	118-6606	3	PLATE-OUTER						
	13	1	105-8750	3	DISC-FRICTION						
	14	1	105-8724	1	HUB						
M	15	1	6V-8150	3	BOLT (M12X1.75X60-MM)						
	16	1	3H-7654	3	WASHER-HARD (13.5X22.5X3-MM THK)						
	17	1	9M-2076	1	RING-SNAP						
	18	1	167-1261	1	PLATE-DAMPER						
	19	1	195-3722	1	PLATE-OUTER						
	20	1	173-0554	1	PIN (BRAKE DISC WEAR INDICATOR)						
	21	1	173-0555	1	DOWEL-HOLLOW						
	22	1	8T-4224	1	WASHER-HARD (8.8X16X2-MM THK)						
	23	1	096-6901	1	RING-RETAINING						
M-METRIC PART											

BRAKING SYSTEM

208-5972 BRAKE GP -SERVICE (contd.)

i01620395



GRAPHIC #1

<END>

g00838686

BRAKING SYSTEM

208-5974 BRAKE GP-SERVICE

S/N: ASX1-UP

PART OF 238-8562 AXLE AR-FIXED, 229-8208 AXLE AR-OSCILLATING

SMCS-4251

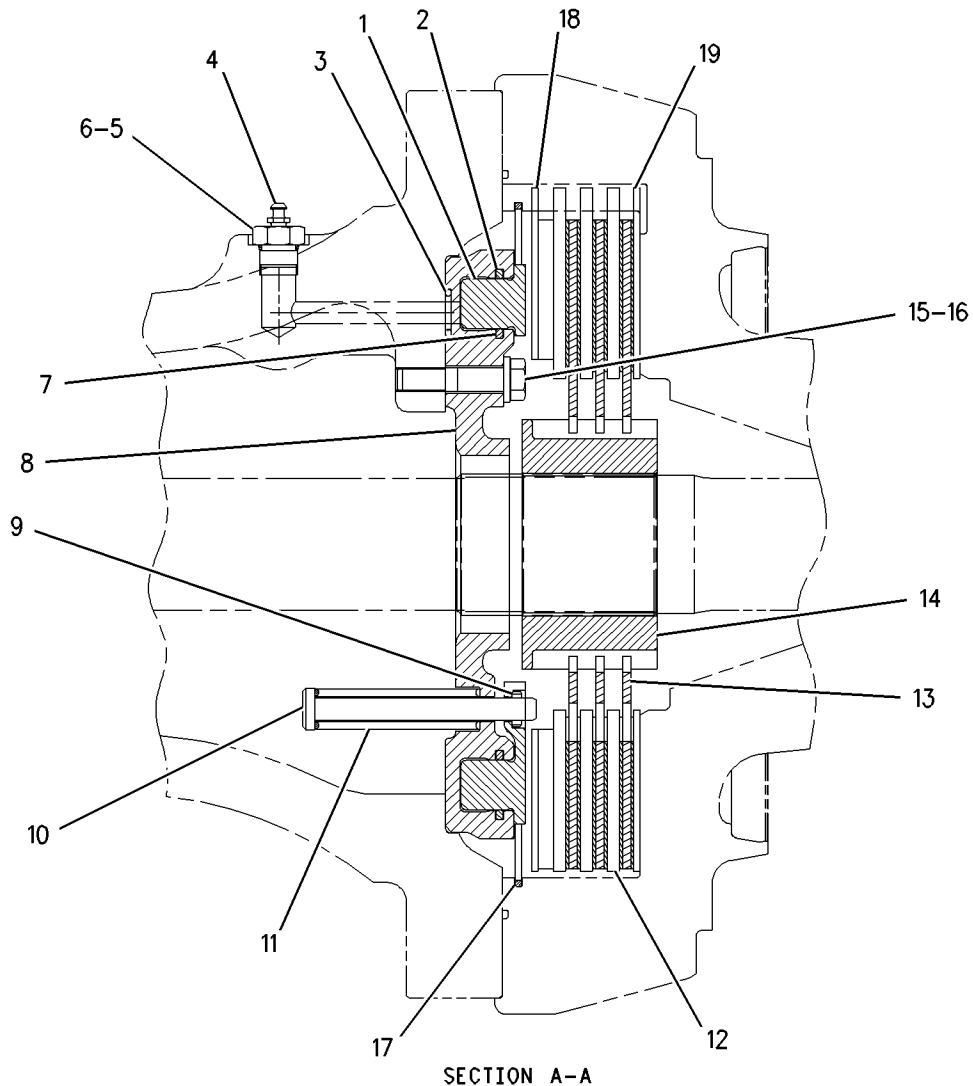
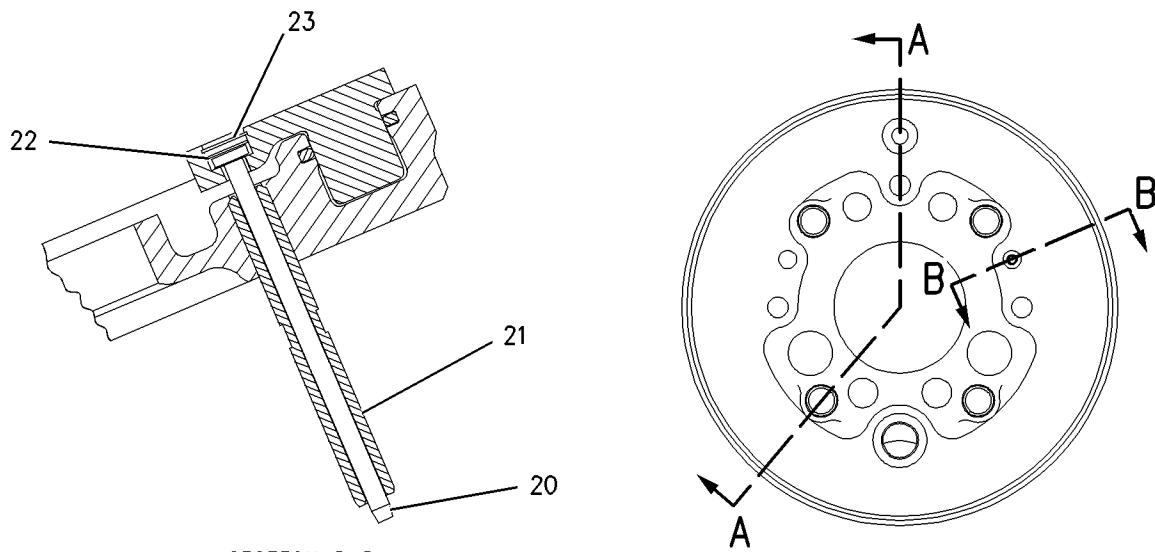
i01620468

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	213-1152	1	PISTON						
	2	1	151-6251	1	SEAL-D-RING						
	3	1	5P-8119	1	SEAL-O-RING						
	4	1	9F-2167	1	SCREW-PURGE (3/8-24-THD)						
	5	1	110-2446	1	ADAPTER						
	6	1	3K-0360	1	SEAL-O-RING						
	7	1	151-6250	1	SEAL-D-RING						
	8	1	193-1152	1	HOUSING						
	9	1	6M-9155	4	PIN						
	10	1	7V-8346	4	SPRING-GUIDE						
	11	1	8V-3609	4	SPRING-RETRACTOR						
	12	1	118-6606	3	PLATE-OUTER						
	13	1	105-8750	3	DISC-FRICTION						
	14	1	105-8724	1	HUB						
M	15	1	6V-8150	3	BOLT (M12X1.75X60-MM)						
	16	1	3H-7654	3	WASHER-HARD (13.5X22.5X3-MM THK)						
	17	1	9M-2076	1	RING-SNAP						
	18	1	167-1261	1	PLATE-DAMPER						
	19	1	195-3722	1	PLATE-OUTER						
	20	1	173-0554	1	PIN (BRAKE DISC WEAR INDICATOR)						
	21	1	173-0555	1	DOWEL-HOLLOW						
	22	1	8T-4224	1	WASHER-HARD (8.8X16X2-MM THK)						
	23	1	096-6901	1	RING-RETAINING						
M-METRIC PART											

BRAKING SYSTEM

208-5974 BRAKE GP - SERVICE (contd.)

i01620468



GRAPHIC #1

<END>

g00838731

BRAKING SYSTEM

169-8257 CONTROL GP-FOOT BRAKE

S/N: ASX1-UP

PART OF 229-5015, 292-6101 CAB AR

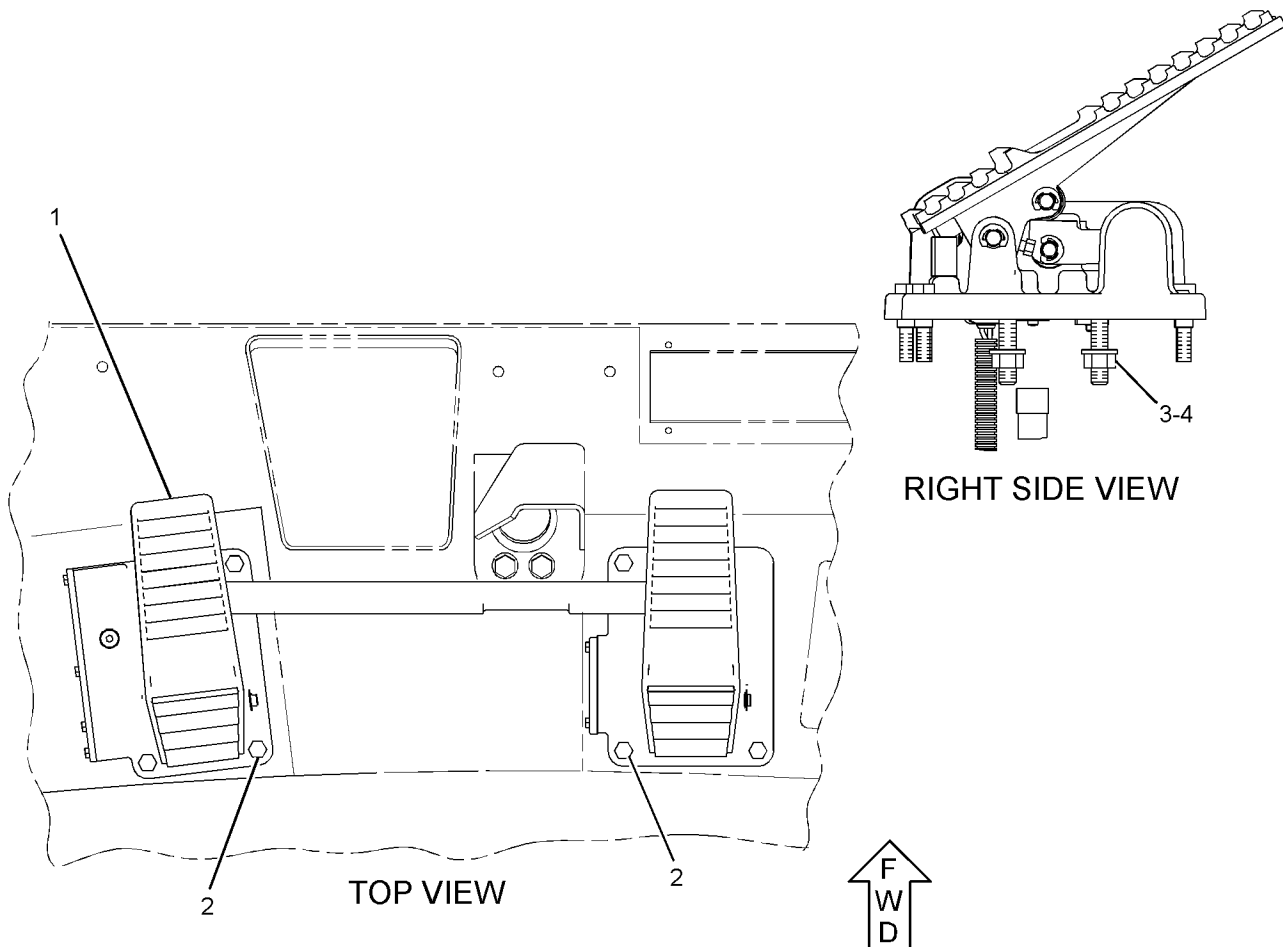
SMCS-4269

i02566108

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
Y	1	1	180-4002	1	CONTROL GP-FOOT BRAKE	593
M	2	1	099-3649	6	BOLT (M8X1.25X40-MM)	
	3	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)	
M	4	1	8T-4133	2	NUT (M10X1.5-THD)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01288149

BRAKING SYSTEM

180-4002 CONTROL GP-FOOT BRAKE

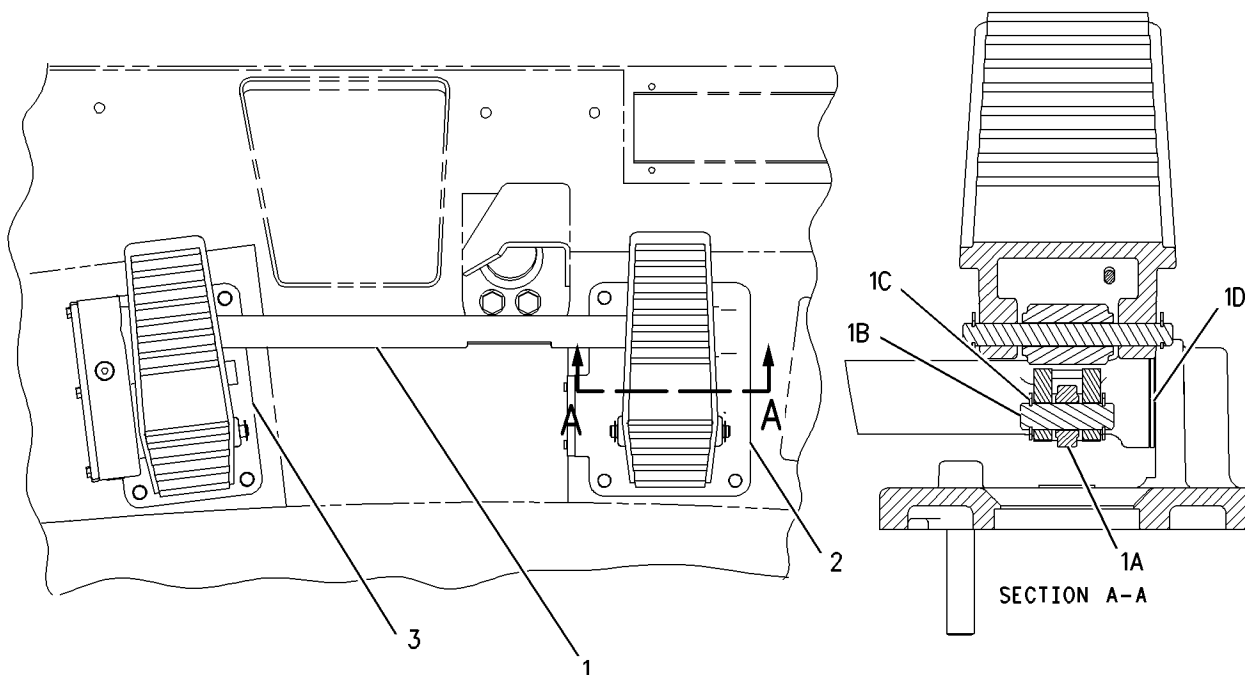
S/N: ASX1-UP

PART OF 169-8257 CONTROL GP-FOOT BRAKE

SMCS-4269

i01443569

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	180-3994	1	SHAFT AS						
	1A	1	4E-9667	1	ROLLER						
	1B	1	4E-9668	1	PIN						
	1C	1	009-3101	1	RING-RETAINING						
	1D	1	114-9491	2	WASHER						
Y	2	1	180-4003	1	BASE GP-FOOT BRAKE (PEDAL, RH)						581
Y	3	1	180-4004	1	BASE GP-FOOT BRAKE (PEDAL, LH)						583
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g00756134

BRAKING SYSTEM

109-8193 CONTROL GP-PARKING BRAKE

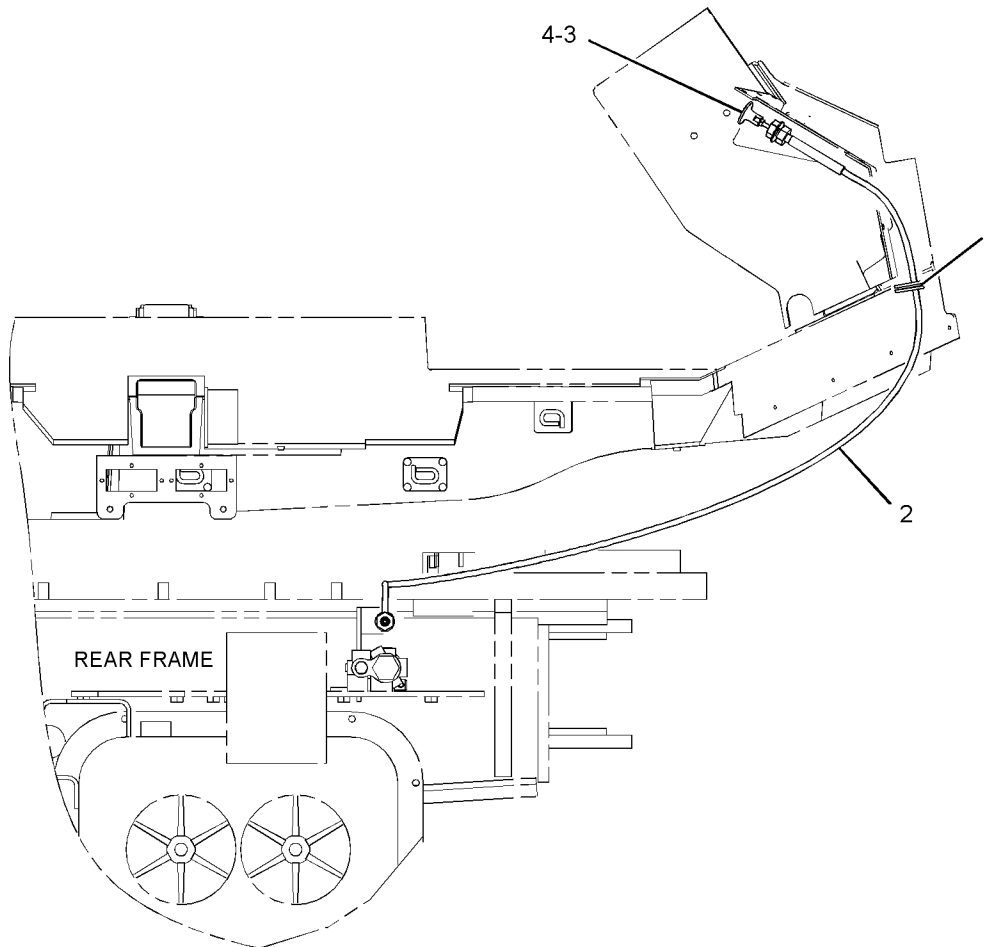
S/N: ASX1-UP

PART OF 229-5015, 292-6101 CAB AR

SMCS-4282, 4284

i02659839

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	113-4659	1	GROMMET						
	2	1	115-3030	1	CABLE AS-PARKING BRAKE CONTROL						
M		1	8T-4244	4	NUT (M12X1.75-THD)						
		1	9B-0453	2	LOCKWASHER						
		1	8T-4223	3	WASHER-HARD (13.5X25.5X3-MM THK)						
	3	1	122-1671	1	KNOB						
M	4	1	5C-2890	1	NUT (M6X1-THD)						
M-METRIC PART											



RIGHT SIDE VIEW

<END>

GRAPHIC #1

g01349437

BRAKING SYSTEM

231 - 8634 CONTROL GP - SERVICE BRAKE

S/N: ASX1-299

PART OF 226-9597 HYDRAULIC AR

SMCS-4257, 4258, 4263, 4265, 4269, 4280

i02282964

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	3	3B-4607	2	PIN-COTTER						
M	2	1	3U-3189	2	CLAMP-EXHAUST PIPE						
I	3	3	4E-3449	1	HOSE AS						
	4	3	5P-6724	1	BEARING-ROLLER						
	5	1,3	6V-0852	3	CAP-DUST						
	6	3	7I-4078	1	LEVER AS						
	7	1	7V-5628	2	PLATE						
	8	3	7X-2618	2	PIN						
	11	3	8T-0741	2	SEAL-LIP TYPE						
M	12	1,2	8T-4133	6	NUT (M10X1.5-THD)						
I	13	1	231-3446	1	HOSE AS						
B	14	3	091-1745	6	WASHER (16.6X24X1.2-MM THK)						
	15	3	101-3846	1	ROD-CONTROL						
Y	16	3	106-1774	1	VALVE GP-BRAKE CONTROL (PARKING)						608
I	17	2	108-2395	2	HOSE AS						
	18	1,2	115-8426	2	TUBE AS						
I	19	2	115-8427	1	HOSE AS						
	20	3	115-8430	1	TUBE AS						
	21	3	115-8434	1	BRACKET AS						
	22	3	115-8447	1	MANIFOLD						
	23	3	115-8455	1	ANGLE						
	24	1	119-7810	1	PLATE AS						
M		1	8T-3597	2	NUT-WELD (M12X1.75-THD)						
	25	2	119-7815	1	TUBE AS						
	26	1	201-3200	1	VALVE GP-BRAKE CONTROL (SERVICE)						
		1	117-7798	1	BOOT						
		1	117-7799	1	KIT-SEAL						
					(INCLUDES BOOT, CUP, QUAD RING, AND O-RINGS)						
J	27	3	235-0253	1	VALVE GP-ACCUMULATOR CHARGING (BRAKE)						
	28	3	138-7482	1	PLATE AS						
	29	3	138-7486	1	TUBE AS						
	30	1,3	164-5567	3	FITTING AS (QUICK DISCONNECT, MALE)						
					(EACH INCLUDES)						
		1,3	3J-1907	1	SEAL-O-RING						
		1,3	6V-3965	1	FITTING-COUPLER						
I	31	2	166-9129	2	HOSE AS						
I	32	2	166-9130	2	HOSE AS						
	33	1,2	171-6712	2	TEE AS						
					(EACH INCLUDES)						
		1,2	6V-8398	2	SEAL-O-RING						
		1,2	156-6400	1	TEE-ORFS SWIVEL						
	34	2,3	171-6718	2	TEE AS						
					(EACH INCLUDES)						
		2,3	3K-0360	1	SEAL-O-RING						
		2,3	105-7704	1	TEE						
	35	1	172-5761	2	TEE AS						
					(EACH INCLUDES)						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8398	1	SEAL-O-RING						
		1	126-8306	1	TEE-O-RING						
Y	36	1	220-1432	2	ACCUMULATOR GP-BRAKE (CHARGED)						578
I	37	2	238-9818	1	HOSE AS						
I	38	1	255-2362	1	HOSE AS						
	39	2	148-8307	1	ADAPTER AS						
		2	3J-1907	1	SEAL-O-RING						
		2	5P-8874	1	ADAPTER						

BRAKING SYSTEM

231-8634 CONTROL GP -SERVICE BRAKE (contd.)

i02282964

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	40	2	148-8318	1	CONNECTOR AS	
		2	3K-0360	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	6V-8634	1	CONNECTOR	
	41	2	148-8328	1	CONNECTOR AS	
		2	3D-2824	1	SEAL-O-RING	
		2	6V-8398	1	SEAL-O-RING	
		2	6V-8633	1	CONNECTOR	
	42	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	
	43	1,3	148-8340	5	CONNECTOR AS	
					(EACH INCLUDES)	
		1,3	3K-0360	1	SEAL-O-RING	
		1,3	6V-8398	1	SEAL-O-RING	
		1,3	6V-8639	1	CONNECTOR	
	44	3	148-8346	1	ELBOW AS	
		3	3K-0360	1	SEAL-O-RING	
		3	6V-8398	1	SEAL-O-RING	
		3	8T-1686	1	ELBOW	
	45	3	148-8357	1	ELBOW AS	
		3	5K-9090	1	SEAL-O-RING	
		3	6V-9008	1	ELBOW	
		3	7M-8485	1	SEAL-O-RING	
	46	1,3	148-8364	3	ELBOW AS	
					(EACH INCLUDES)	
		1,3	3K-0360	1	SEAL-O-RING	
		1,3	6V-8398	1	SEAL-O-RING	
		1,3	6V-8625	1	ELBOW	
	47	3	148-8365	2	ELBOW AS	
					(EACH INCLUDES)	
		3	3J-1907	1	SEAL-O-RING	
		3	6V-8398	1	SEAL-O-RING	
		3	8T-6876	1	ELBOW	
	48	1,2	148-8370	8	ELBOW AS	
					(EACH INCLUDES)	
		1,2	6V-8398	1	SEAL-O-RING	
		1,2	6V-9851	1	ELBOW	
	49	2,3	148-8378	4	ELBOW AS	
					(EACH INCLUDES)	
		2,3	3J-1907	1	SEAL-O-RING	
		2,3	6V-8397	1	SEAL-O-RING	
		2,3	6V-8724	1	ELBOW	
	50	2	148-8411	1	PLUG AS	
		2	3K-0360	1	SEAL-O-RING	
		2	9S-4185	1	PLUG-O-RING	
	51	3	148-8435	1	TEE AS	
		3	3J-1907	1	SEAL-O-RING	
		3	6V-8397	2	SEAL-O-RING	
		3	6V-8781	1	TEE-FACE SEAL	
	52	1,2	148-8444	3	TEE AS-SWIVEL	
					(EACH INCLUDES)	
		1,2	6V-8398	2	SEAL-O-RING	
		1,2	6V-9837	1	TEE-SWIVEL	
	53	1	1S-0994	1	CLIP	
	54	2	1S-0996	1	CLIP	
	55	1	239-3291	4	CLAMP-HALF	
	56	2	2J-1020	1	SPACER (13.9X21.34X35-MM THK)	

BRAKING SYSTEM

231-8634 CONTROL GP-SERVICE BRAKE (contd.)

i02282964

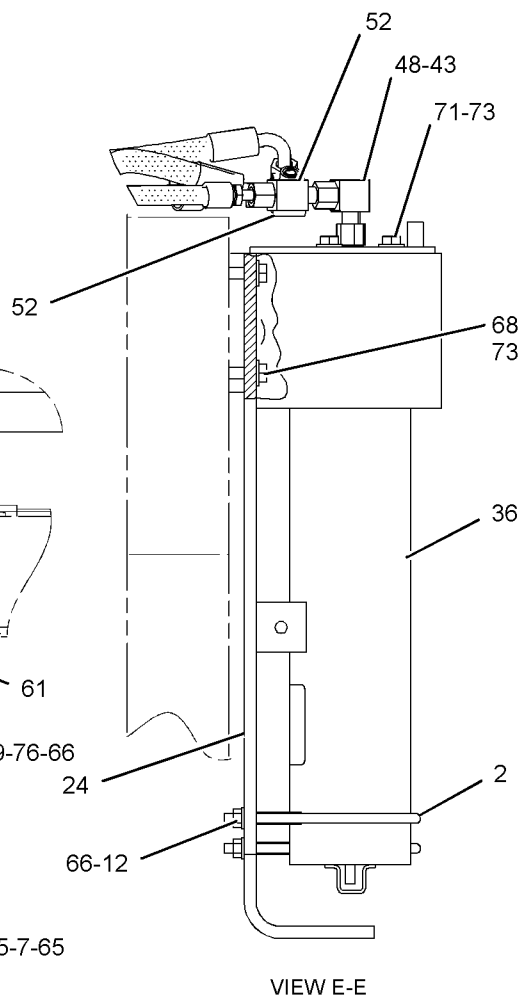
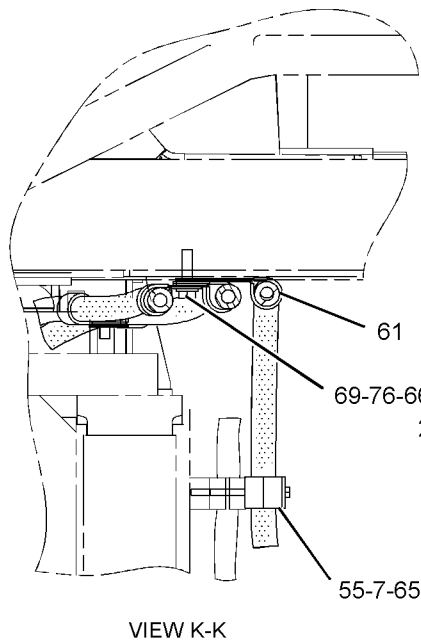
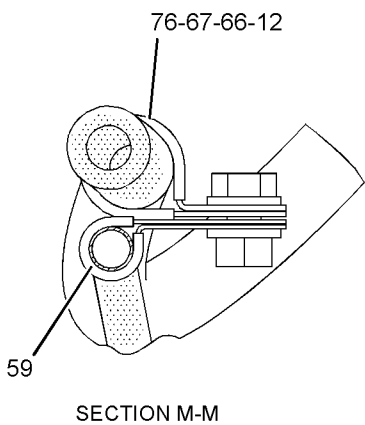
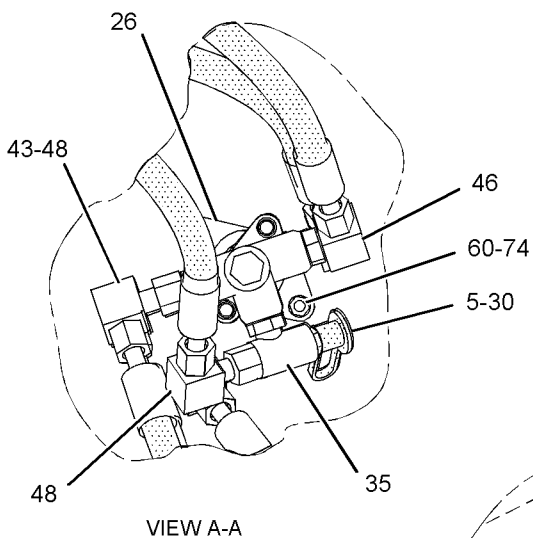
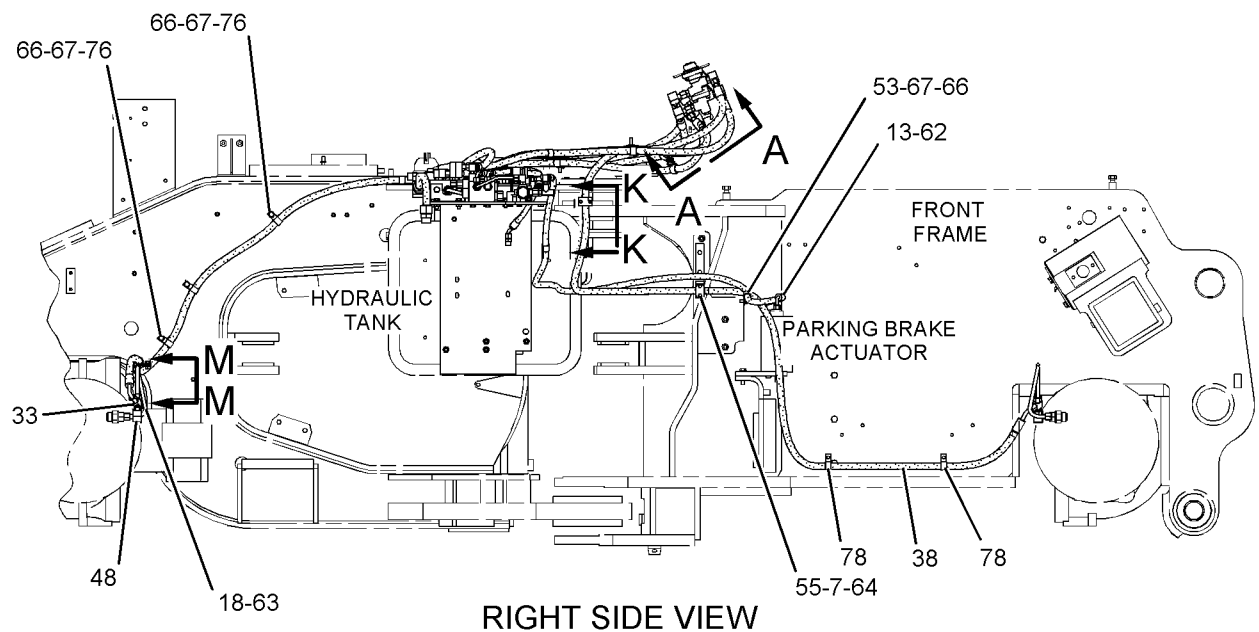
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	57	3	3B-4640	1	PIN-COTTER	
	58	2,3	3S-8664	5	CLIP	
	59	1	4D-9517	1	CLIP	
M	60	1	5C-7261	2	NUT (M8X1.25-THD)	
	61	1,2	6V-1228	2	CLIP	
	62	1	6V-8397	1	SEAL-O-RING	
	63	1,2	6V-8398	2	SEAL-O-RING	
M	64	1	7X-2534	2	BOLT (M6X1X50-MM)	
M	65	1	7X-7888	2	BOLT (M6X1X90-MM)	
	66	1,2,3	8T-4121	30	WASHER-HARD (11X21X2.5-MM THK)	
M	67	1,2,3	8T-4137	17	BOLT (M10X1.5X20-MM)	
M	68	1	8T-4139	4	BOLT (M12X1.75X30-MM)	
M	69	1	8T-4186	1	BOLT (M10X1.5X40-MM)	
M	70	3	8T-4189	2	BOLT (M8X1.25X20-MM)	
M	71	1	8T-4192	6	BOLT (M12X1.75X25-MM)	
M	72	2,3	8T-4195	5	BOLT (M10X1.5X30-MM)	
	73	1	8T-4223	10	WASHER-HARD (13.5X25.5X3-MM THK)	
	74	1,3	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)	
M	75	2	8T-6466	1	BOLT (M10X1.5X60-MM)	
	76	1,2,3	9X-8250	15	CLIP	
	77	3	9X-8257	1	WASHER (17.5X30X3.5-MM THK)	
	78	1	6D-4636	2	CLIP	
AVAILABLE REPAIR KIT(S) :						
J			139-3285	1	KIT-BRAKE CHARGE VALVE	
(INCLUDES RINGS AND SEALS)						

B-USE AS REQUIRED
I-REFER TO HYDRAULIC INFORMATION SYSTEM
J-KIT MARKED J SERVICES PARTS MARKED J
M-METRIC PART
Y-SEPARATE ILLUSTRATION

BRAKING SYSTEM

231-8634 CONTROL GP-SERVICE BRAKE (contd.)

i02282964



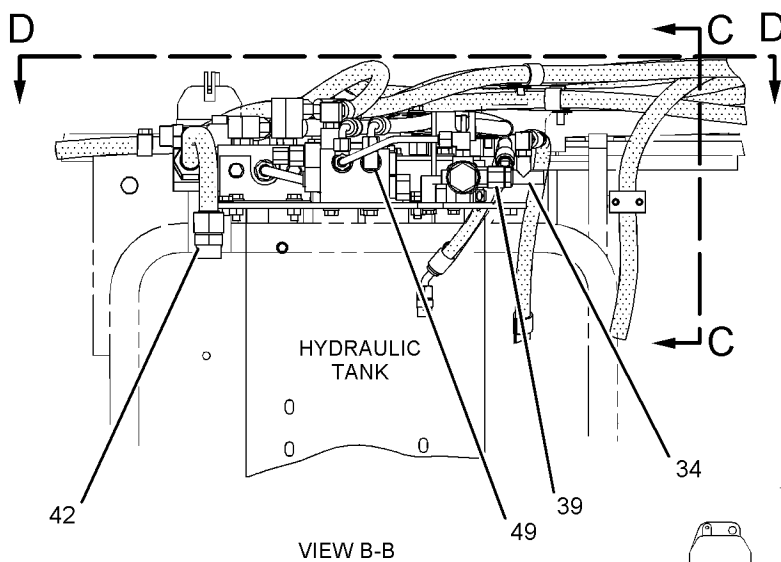
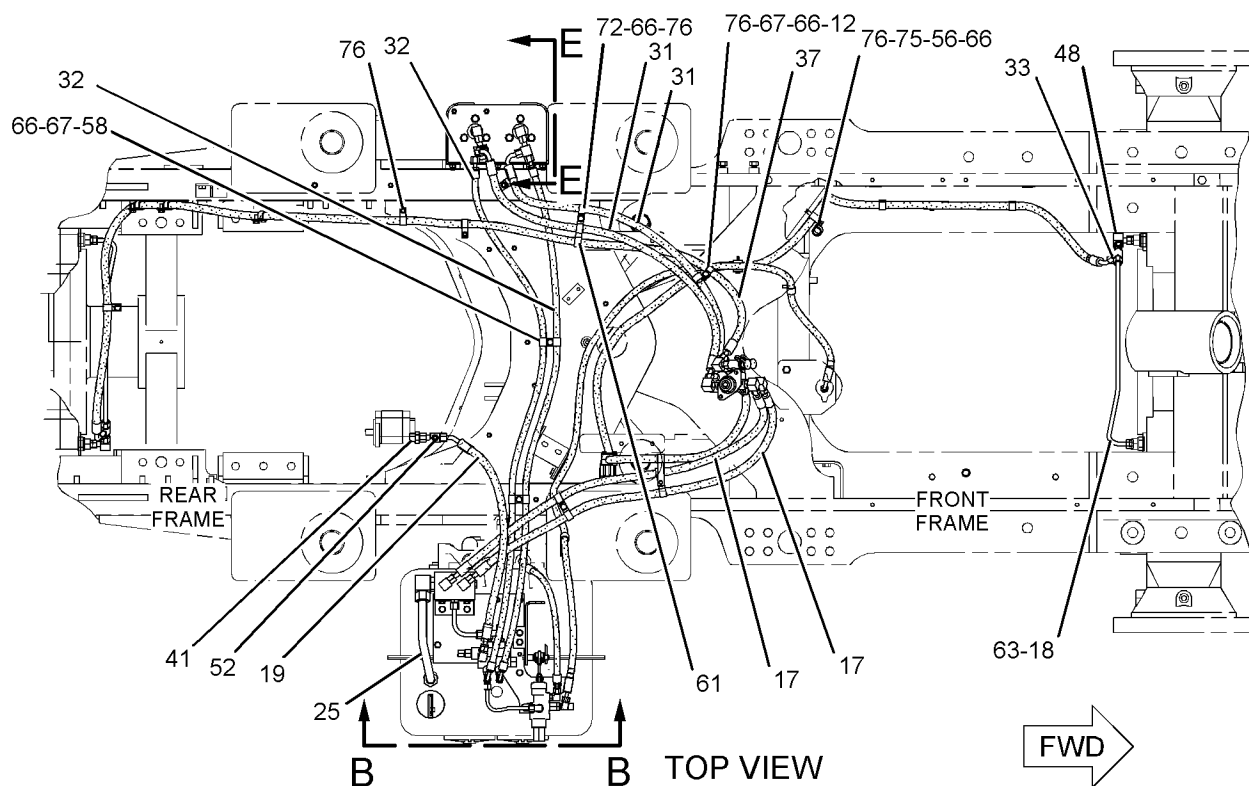
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g01105935

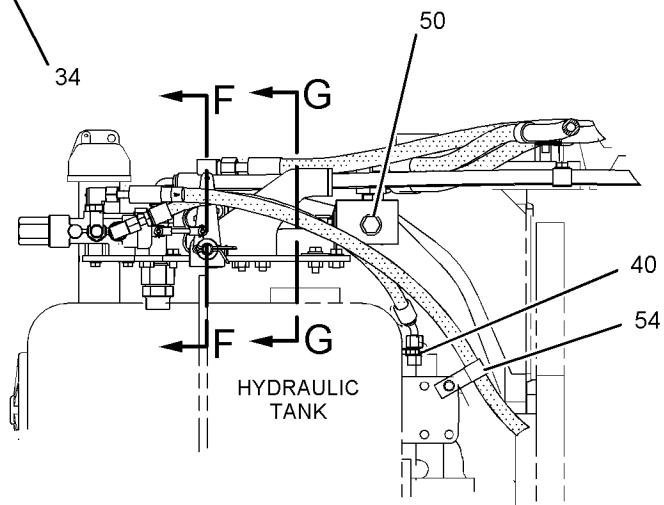
BRAKING SYSTEM

231-8634 CONTROL GP-SERVICE BRAKE (contd.)

i02282964



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



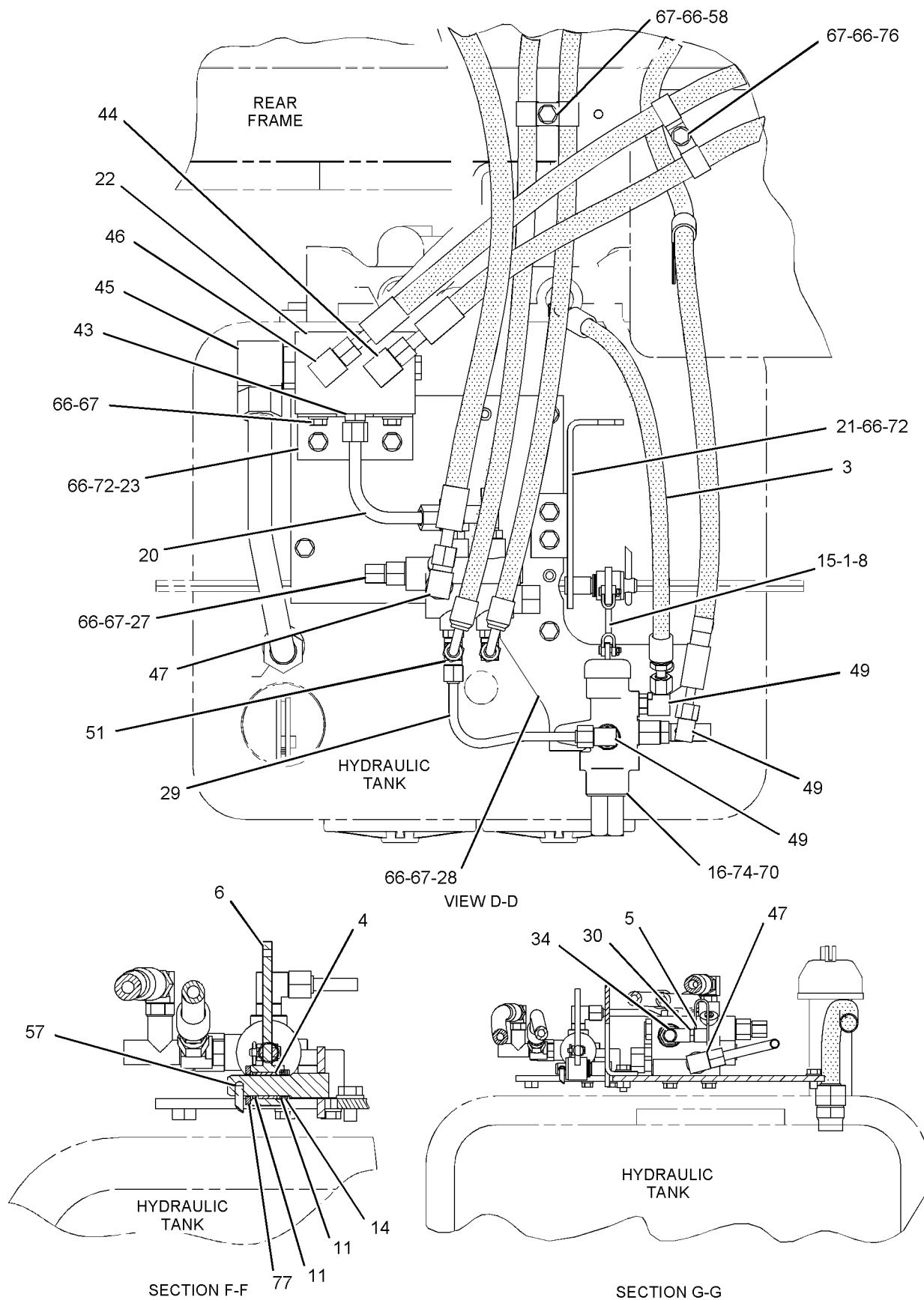
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g01132834

BRAKING SYSTEM

231-8634 CONTROL GP -SERVICE BRAKE (contd.)

i02282964



GRAPHIC #3

<END>

g01132859

BRAKING SYSTEM

231 - 8634 CONTROL GP - SERVICE BRAKE

S/N: ASX300-UP

PART OF 302-1353 HYDRAULIC AR

SMCS-4257, 4258, 4263, 4265, 4269, 4280

i02720250

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	3	3B-4607	2	PIN-COTTER	
I	2	3	4E-3449	1	HOSE AS	
	3	3	5P-6724	1	BEARING-ROLLER	
	4	2, 3	6V-0852	3	CAP-DUST	
	5	3	7I-4078	1	LEVER AS	
	6	2	7V-5628	2	PLATE	
	7	3	7X-2618	2	PIN	
	10	3	8T-0741	2	SEAL-LIP TYPE	
B	11	3	091-1745	6	WASHER (16.6X24X1.2-MM THK)	
	12	3	101-3846	1	ROD-CONTROL	
Y	13	3	106-1774	1	VALVE GP-BRAKE CONTROL (PARKING)	608
I	14	1	108-2395	2	HOSE AS	
	15	1	115-8426	2	TUBE AS	
I	16	1	115-8427	1	HOSE AS	
	17	3	115-8430	1	TUBE AS	
	18	3	115-8434	1	BRACKET AS	
	19	3	115-8447	1	MANIFOLD	
	20	3	115-8455	1	ANGLE	
	21	2	119-7810	1	PLATE AS	
M		2	8T-3597	2	NUT-WELD (M12X1.75-THD)	
	22	1	119-7815	1	TUBE AS	
	23	2	201-3200	1	VALVE GP-BRAKE CONTROL (SERVICE)	
		2	117-7798	1	BOOT	
		2	117-7799	1	KIT-SEAL	
					(INCLUDES BOOT, CUP, QUAD RING, AND O-RINGS)	
	24	3	138-7482	1	PLATE AS	
	25	3	138-7486	1	TUBE AS	
	26	2, 3	164-5567	3	FITTING AS (QUICK DISCONNECT, MALE)	
					(EACH INCLUDES)	
		2, 3	3J-1907	1	SEAL-O-RING	
		2, 3	6V-3965	1	FITTING-COUPLER	
I	27	1	166-9129	2	HOSE AS	
I	28	1	166-9130	2	HOSE AS	
	29	1, 2	171-6712	2	TEE AS	
					(EACH INCLUDES)	
		1, 2	6V-8398	2	SEAL-O-RING	
		1, 2	156-6400	1	TEE-ORFS SWIVEL	
	30	1, 3	171-6718	2	TEE AS	
					(EACH INCLUDES)	
		1, 3	3K-0360	1	SEAL-O-RING	
		1, 3	105-7704	1	TEE	
	31	2	172-5761	2	TEE AS	
					(EACH INCLUDES)	
		2	3K-0360	1	SEAL-O-RING	
		2	6V-8398	1	SEAL-O-RING	
		2	126-8306	1	TEE-O-RING	
Y	32	2	220-1432	2	ACCUMULATOR GP-BRAKE (CHARGED)	578
I	33	2	231-3446	1	HOSE AS	
J	34	3	235-0253	1	VALVE GP-ACCUMULATOR CHARGING (BRAKE)	
I	35	1	238-9818	1	HOSE AS	
	36	2	239-3291	4	CLAMP-HALF	
I	37	2	255-2362	1	HOSE AS	
C	38	2	307-6291	2	CLAMP	
C	39	1	132-7551	1	SPACER (11X19X6-MM THK)	
	40	1	148-8307	1	ADAPTER AS	
		1	3J-1907	1	SEAL-O-RING	

BRAKING SYSTEM

231-8634 CONTROL GP -SERVICE BRAKE (contd.)

i02720250

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	5P-8874	1	ADAPTER						
	41	1	148-8318	1	CONNECTOR AS						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8634	1	CONNECTOR						
	42	1	148-8328	1	CONNECTOR AS						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-8398	1	SEAL-O-RING						
		1	6V-8633	1	CONNECTOR						
	43	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						
	44	2,3	148-8340	5	CONNECTOR AS						
					(EACH INCLUDES)						
		2,3	3K-0360	1	SEAL-O-RING						
		2,3	6V-8398	1	SEAL-O-RING						
		2,3	6V-8639	1	CONNECTOR						
	45	3	148-8346	1	ELBOW AS						
		3	3K-0360	1	SEAL-O-RING						
		3	6V-8398	1	SEAL-O-RING						
		3	8T-1686	1	ELBOW						
	46	3	148-8357	1	ELBOW AS						
		3	5K-9090	1	SEAL-O-RING						
		3	6V-9008	1	ELBOW						
		3	7M-8485	1	SEAL-O-RING						
	47	2,3	148-8364	3	ELBOW AS						
					(EACH INCLUDES)						
		2,3	3K-0360	1	SEAL-O-RING						
		2,3	6V-8398	1	SEAL-O-RING						
		2,3	6V-8625	1	ELBOW						
	48	3	148-8365	2	ELBOW AS						
					(EACH INCLUDES)						
		3	3J-1907	1	SEAL-O-RING						
		3	6V-8398	1	SEAL-O-RING						
		3	8T-6876	1	ELBOW						
	49	1,2	148-8370	8	ELBOW AS						
					(EACH INCLUDES)						
		1,2	6V-8398	1	SEAL-O-RING						
		1,2	6V-9851	1	ELBOW						
	50	1,3	148-8378	4	ELBOW AS						
					(EACH INCLUDES)						
		1,3	3J-1907	1	SEAL-O-RING						
		1,3	6V-8397	1	SEAL-O-RING						
		1,3	6V-8724	1	ELBOW						
	51	1	148-8411	1	PLUG AS						
		1	3K-0360	1	SEAL-O-RING						
		1	9S-4185	1	PLUG-O-RING						
	52	3	148-8435	1	TEE AS						
		3	3J-1907	1	SEAL-O-RING						
		3	6V-8397	2	SEAL-O-RING						
		3	6V-8781	1	TEE-FACE SEAL						
	53	1,2	148-8444	3	TEE AS-SWIVEL						
					(EACH INCLUDES)						
		1,2	6V-8398	2	SEAL-O-RING						
		1,2	6V-9837	1	TEE-SWIVEL						
C	54	1	154-2302	1	SPACER (11X20X15-MM THK)						
	55	2	1S-0994	1	CLIP						
	56	1	1S-0996	1	CLIP						

BRAKING SYSTEM

231-8634 CONTROL GP -SERVICE BRAKE (contd.)

i02720250

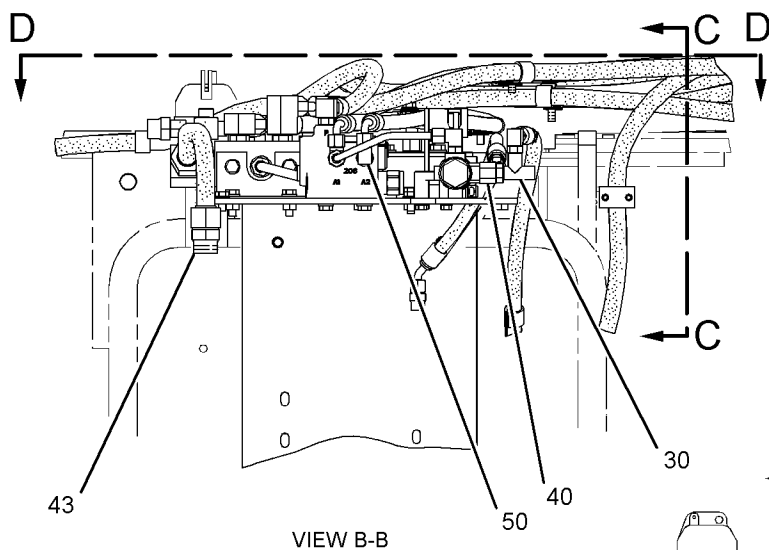
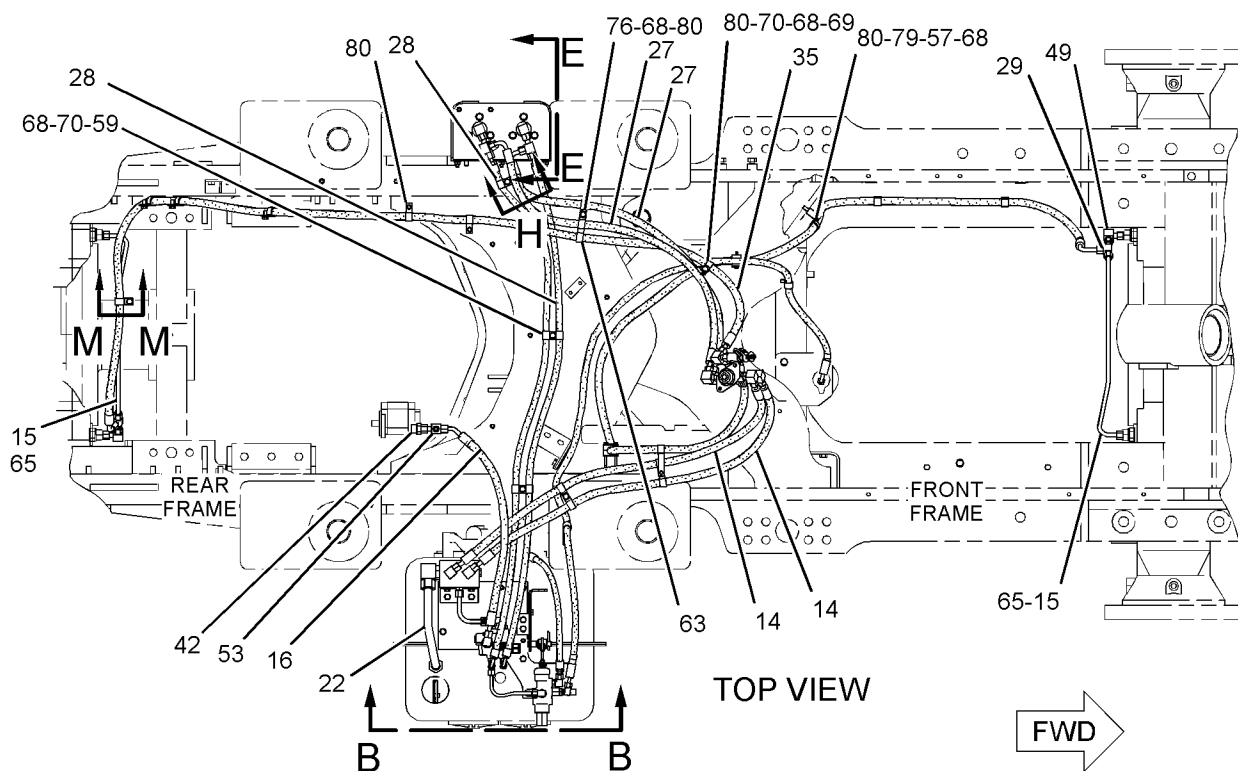
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	57	1	2J-1020	1	SPACER (13.9X21.34X35-MM THK)	
	58	3	3B-4640	1	PIN-COTTER	
	59	1,3	3S-8664	5	CLIP	
	60	2	4D-9517	1	CLIP	
M	61	2	5C-7261	2	NUT (M8X1.25-THD)	
	62	2	6D-4636	2	CLIP	
	63	1,2	6V-1228	2	CLIP	
	64	2	6V-8397	1	SEAL-O-RING	
	65	1	6V-8398	2	SEAL-O-RING	
M	66	2	7X-2534	2	BOLT (M6X1X50-MM)	
M	67	2	7X-7888	2	BOLT (M6X1X90-MM)	
	68	1,2,3	8T-4121	30	WASHER-HARD (11X21X2.5-MM THK)	
M	69	1,2	8T-4133	6	NUT (M10X1.5-THD)	
CM	70	1,2,3	8T-4137	16	BOLT (M10X1.5X20-MM)	
M	71	2	8T-4139	4	BOLT (M12X1.75X30-MM)	
CM	72	1	8T-4182	1	BOLT (M10X1.5X45-MM)	
M	73	2	8T-4186	1	BOLT (M10X1.5X40-MM)	
M	74	3	8T-4189	2	BOLT (M8X1.25X20-MM)	
M	75	2	8T-4192	6	BOLT (M12X1.75X25-MM)	
M	76	1,3	8T-4195	5	BOLT (M10X1.5X30-MM)	
	77	2	8T-4223	10	WASHER-HARD (13.5X25.5X3-MM THK)	
	78	2,3	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)	
M	79	1	8T-6466	1	BOLT (M10X1.5X60-MM)	
	80	1,2,3	9X-8250	15	CLIP	
	81	3	9X-8257	1	WASHER (17.5X30X3.5-MM THK)	
AVAILABLE REPAIR KIT(S) :						
J			139-3285	1	KIT-BRAKE CHARGE VALVE (INCLUDES RINGS AND SEALS)	

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

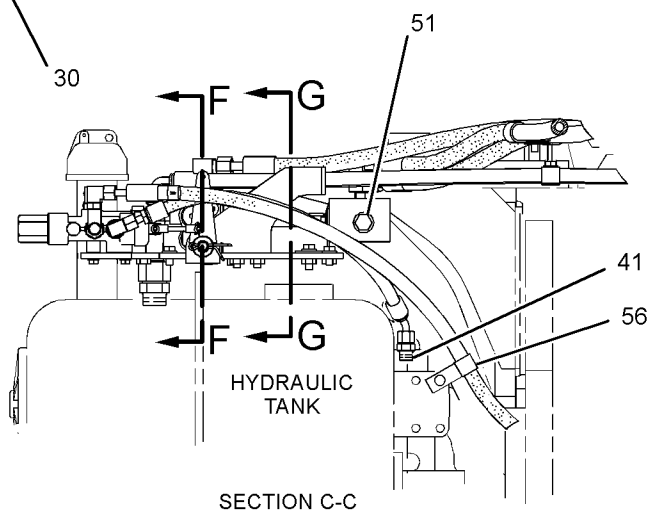
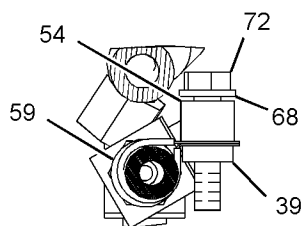
BRAKING SYSTEM

231-8634 CONTROL GP-SERVICE BRAKE (contd.)

i02720250



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



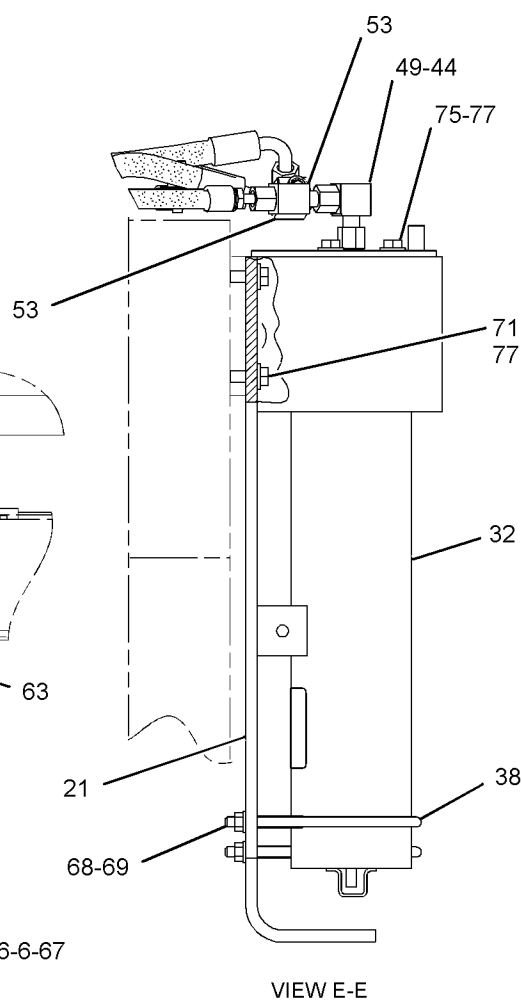
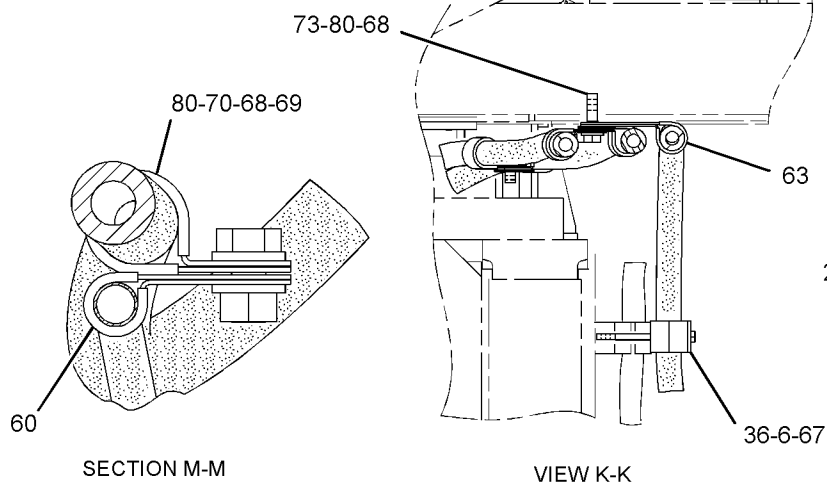
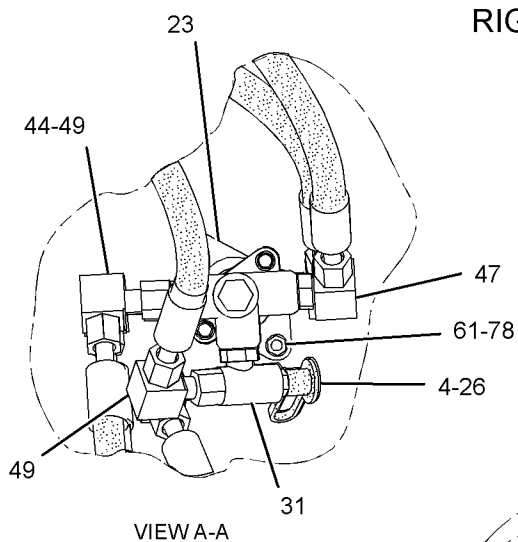
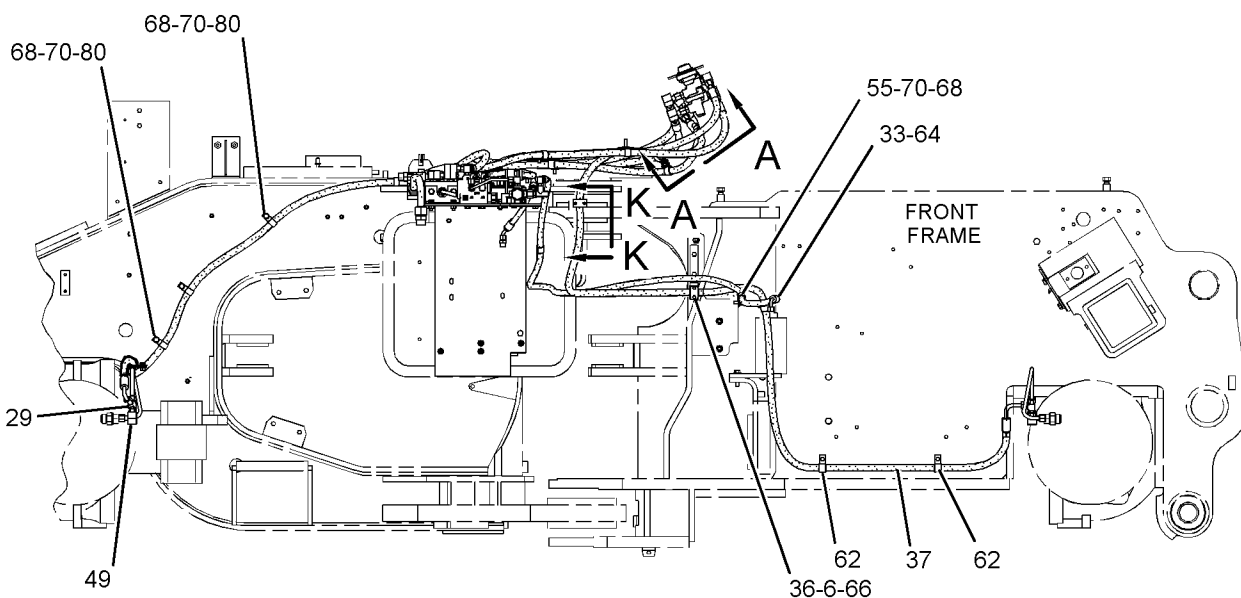
GRAPHIC #1

g01377563

BRAKING SYSTEM

231-8634 CONTROL GP-SERVICE BRAKE (contd.)

i02720250



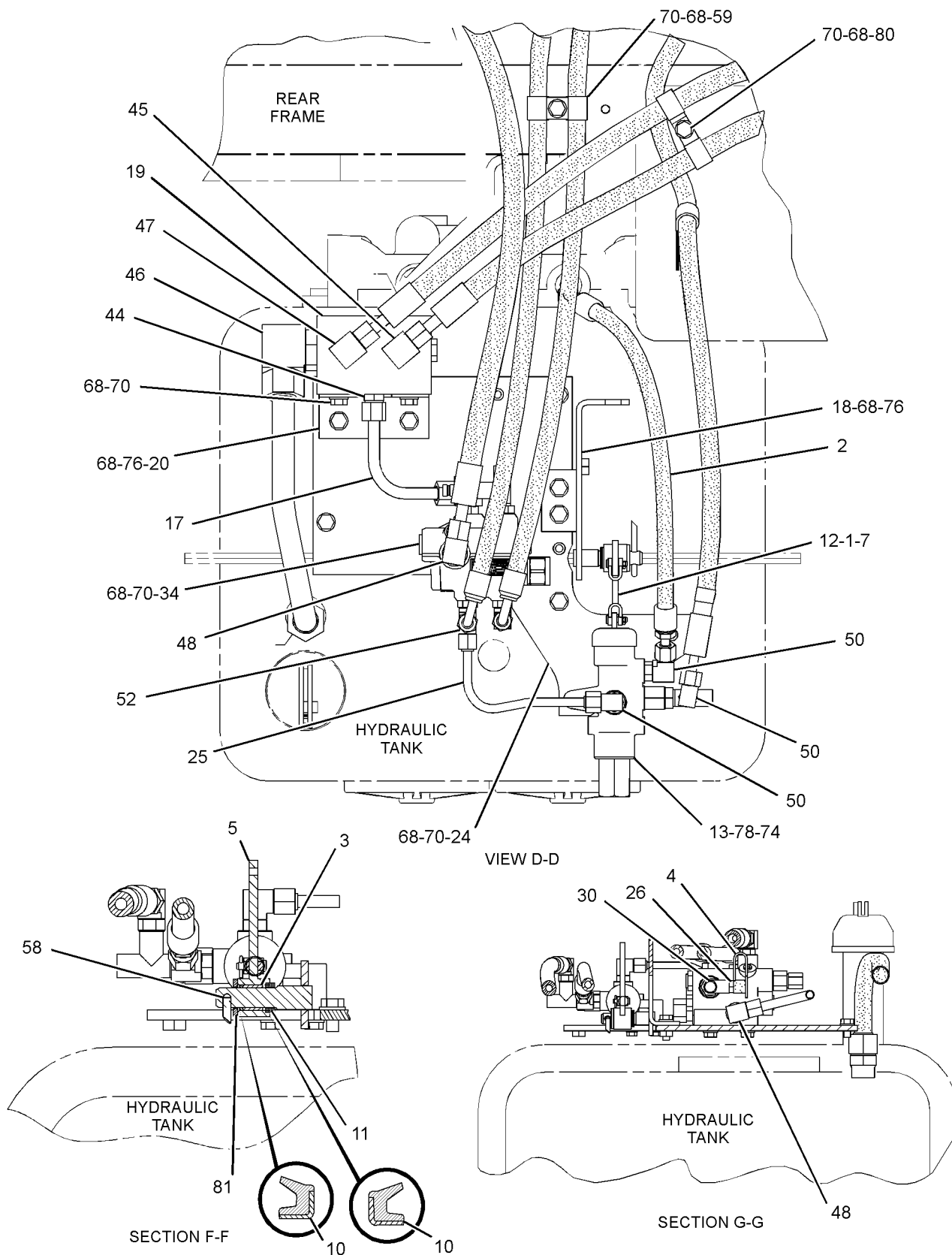
GRAPHIC #2

g01377564

BRAKING SYSTEM

231-8634 CONTROL GP -SERVICE BRAKE (contd.)

i02720250



<END>

GRAPHIC #3

g01377566

BRAKING SYSTEM

124-3758 LINES GP-SERVICE BRAKE

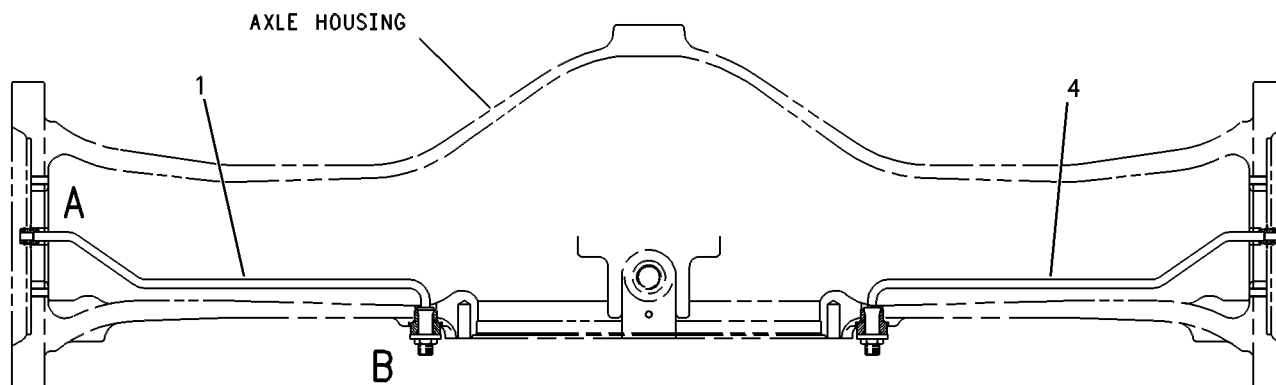
S/N: ASX1-UP

PART OF 238-8562 AXLE AR-FIXED, 229-8208 AXLE AR-OSCILLATING

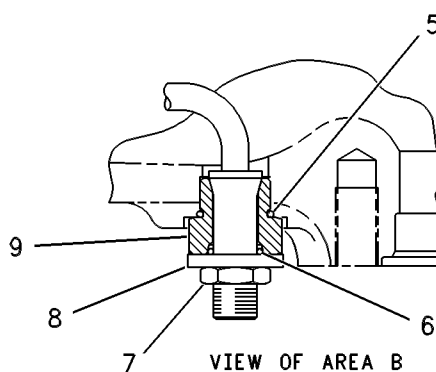
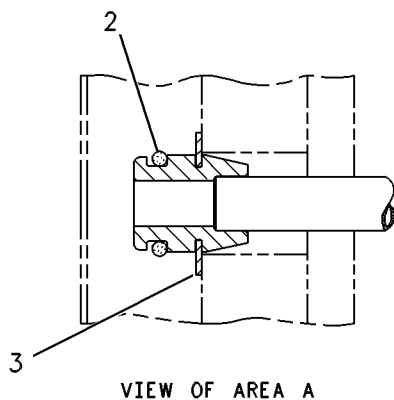
SMCS-4257

i00174270

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	125-0969	1	TUBE AS						
	2	1	5P-8119	2	SEAL-O-RING						
	3	1	125-0965	2	RING-RETAINING						
	4	1	125-0968	1	TUBE AS						
	5	1	7M-8485	2	SEAL-O-RING						
	6	1	1H-8171	2	SEAL-O-RING						
	7	1	6V-9169	2	NUT-BULKHEAD (13/16-16-THD)						
	8	1	8T-5439	2	WASHER-HARD (21.5X45X6-MM THK)						
	9	1	125-0966	2	PLUG						



TOP VIEW



GRAPHIC #1

<END>

g00121051

BRAKING SYSTEM

106-1774 VALVE GP-BRAKE CONTROL-PARKING

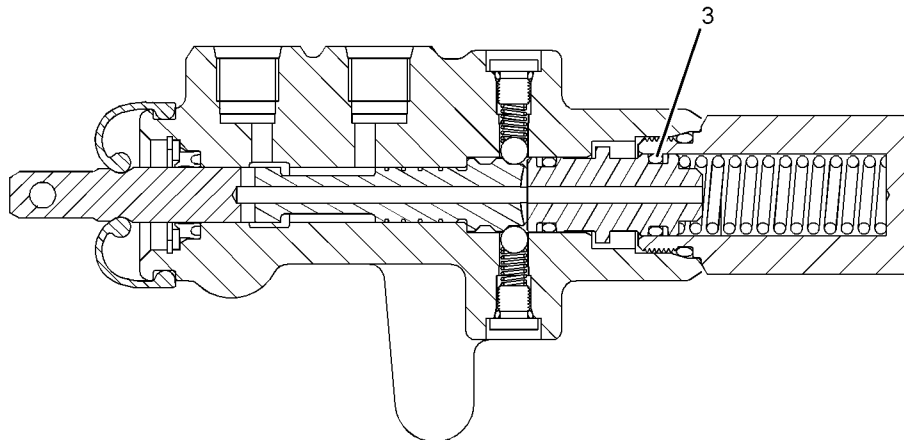
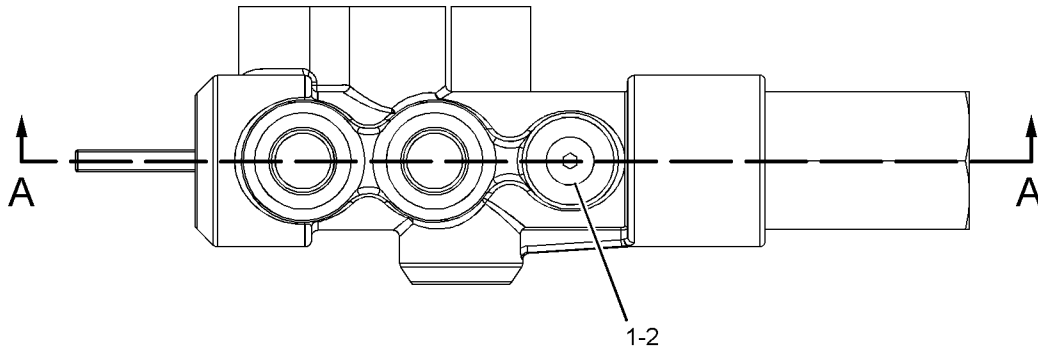
S/N: ASX1-UP

PART OF 231-8634 CONTROL GP-SERVICE BRAKE

SMCS-4265, 4282

i02216715

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4J-7533	2	SEAL-O-RING						
	2	1	9S-8001	2	PLUG						
	3	1	257-7676	1	KIT-REPAIR						
					(INCLUDES BOOT, SEALS, RETAINING, DETENT BALLS AND SPRINGS)						



SECTION A-A

GRAPHIC #1

<END>

g01118794

STEERING SYSTEM

116-7368 CYLINDER & MTG GP-STEERING

S/N: ASX1-UP

PART OF 226-9597, 302-1353 HYDRAULIC AR

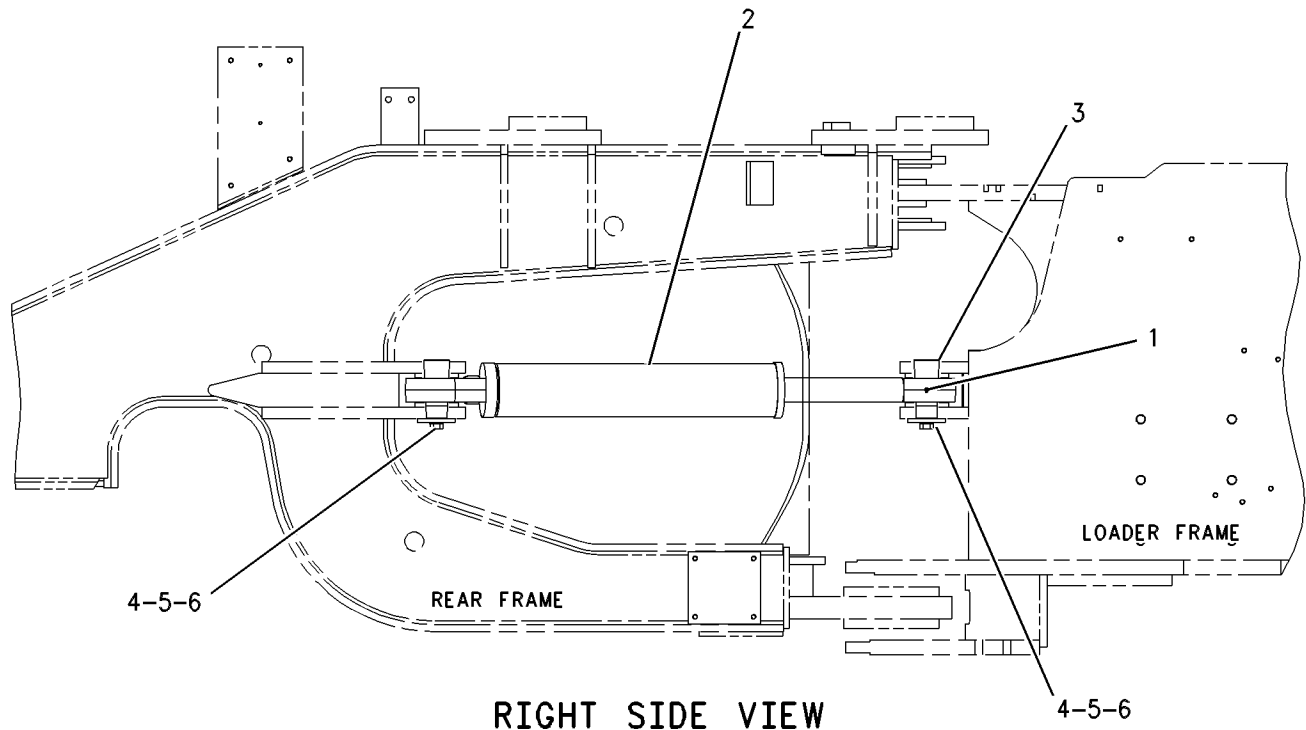
SMCS-4303

i01014256

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3B-8489	2	FITTING-GREASE						
Y	2	1	117-5151	2	CYLINDER GP-STEERING						610
	3	1	120-9337	4	PIN						
M	4	1	6V-3531	4	BOLT (M20X2.5X50-MM)						
	5	1	8T-4123	4	WASHER (22X35X3.5-MM THK)						
	6	1	8X-0674	4	WASHER (22X100X10-MM THK)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00524757

STEERING SYSTEM

117-5151 CYLINDER GP-STEERING

S/N: ASX1-UP

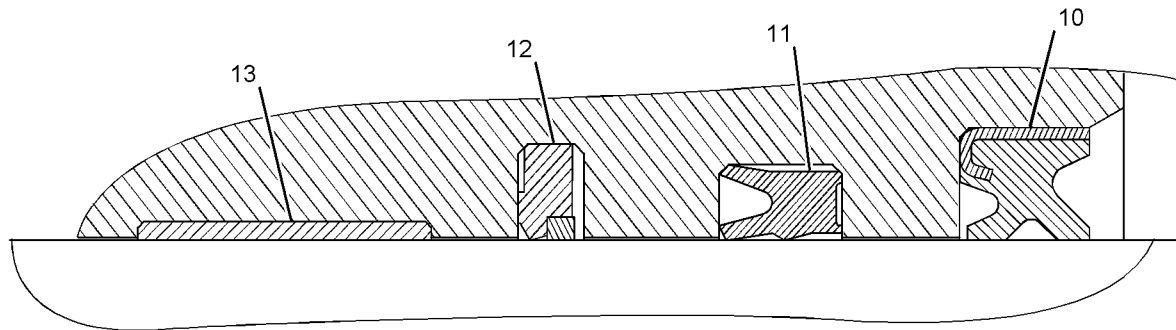
114.3MM (4.5 IN) BORE X 576MM (22.6 IN) STROKE

PART OF 116-7368 CYLINDER & MTG GP-STEERING

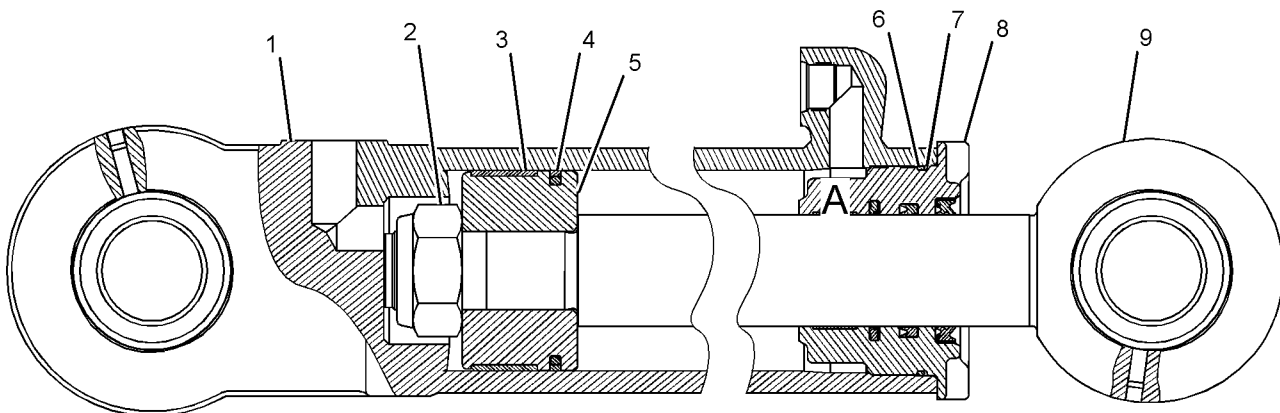
SMCS-4303

i02274887

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	117-4566	1	CYLINDER AS-STEERING	
		1	3G-3321	2	SEAL AS	
		1	5J-1446	1	BEARING	
2		1	5J-5731	1	LOCKNUT (1-3/4-12-THD)	
3		1	4J-2620	1	RING-WEAR	
4		1	9X-7269	1	SEAL AS	
5		1	9J-5872	1	PISTON	
6		1	175-7902	1	SEAL-O-RING	
7		1	1K-7095	1	RING-BACKUP	
8		1	122-9842	1	HEAD	
9		1	117-4569	1	ROD AS	
		1	3G-3321	2	SEAL AS	
		1	5J-1446	1	BEARING	
10		1	225-3281	1	SEAL-WIPER	
11		1	167-2312	1	SEAL-U-CUP	
12		1	167-2201	1	SEAL AS-BUFFER	
13		1	8T-0785	1	RING-WEAR	



VIEW OF AREA A



GRAPHIC #1

<END>

g01031916

STEERING SYSTEM

123-7310 LINES GP-SECONDARY STEERING

S/N: ASX1-UP

PART OF 199-5529 STEERING AR-SECONDARY
AN ATTACHMENT

SMCS-4304

i02566102

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1P-3706	1	SEAL-RECTANGULAR	
	2	1	5P-0597	2	CLAMP-HOSE	
	3	1	5P-2230	2	CLAMP-HOSE	
E	4	1	5P-1291		HOSE (13-CM)	
I	5	1	8W-4008	1	HOSE AS	
E	6	1	5P-2094		HOSE (US SOURCED) (16-CM)	
	7	1	9M-6974	1	GASKET	
	8	1	121-3273	1	TUBE AS	
	9	1	123-6085	1	TUBE AS	
	10	1	123-6086	1	TUBE AS	
	11	1	123-6087	1	TUBE AS	
	12	1	125-9772	1	BRACKET	
Y	13	1	144-5330	1	VALVE GP-DIVERter (SECONDARY STEERING)	656
	14	1	148-8352	1	ELBOW AS	
		1	5K-9090	1	SEAL-O-RING	
		1	6V-9854	1	ELBOW (SWIVEL)	
I	15	1	163-6080	1	HOSE AS	
I	16	1	163-6081	1	HOSE AS	
CI	17	1	251-0855	1	HOSE AS	
	18	1	146-5957	2	COLLAR	
	19	1	148-8433	1	TEE AS	
		1	6V-8397	2	SEAL-O-RING	
		1	6V-9836	1	TEE-SWIVEL	
	20	1	150-3068	1	UNION AS	
		1	5K-9090	2	SEAL-O-RING	
		1	6V-9649	1	UNION	
	21	1	1P-3703	1	SEAL-RECTANGULAR	
	22	1	1S-6420	1	CLIP	
	23	1	4J-0520	4	SEAL-O-RING	
	24	1	4J-0524	2	SEAL-O-RING	
	25	1	5P-7468	1	CLIP (SLOT)	
	26	1	5P-7469	1	CLIP (TAB)	
	27	1	5P-8444	1	GROMMET	
	28	1	7X-0325	2	BOLT (1/2-13X2.5-IN)	
	29	1	8C-3206	4	FLANGE-HALF	
	30	1	8T-4121	16	WASHER-HARD (11X21X2.5-MM THK)	
M	31	1	8T-4172	6	BOLT (M10X1.5X80-MM)	
M	32	1	8T-4183	12	BOLT (M12X1.75X40-MM)	
M	33	1	8T-4185	4	BOLT (M10X1.5X50-MM)	
M	34	1	8T-4186	1	BOLT (M10X1.5X40-MM)	
M	35	1	8T-4196	8	BOLT (M10X1.5X35-MM)	
	36	1	8T-4223	14	WASHER-HARD (13.5X25.5X3-MM THK)	

C-CHANGE FROM PREVIOUS TYPE

E-ORDER BY THE CENTIMETER

I-REFER TO HYDRAULIC INFORMATION SYSTEM

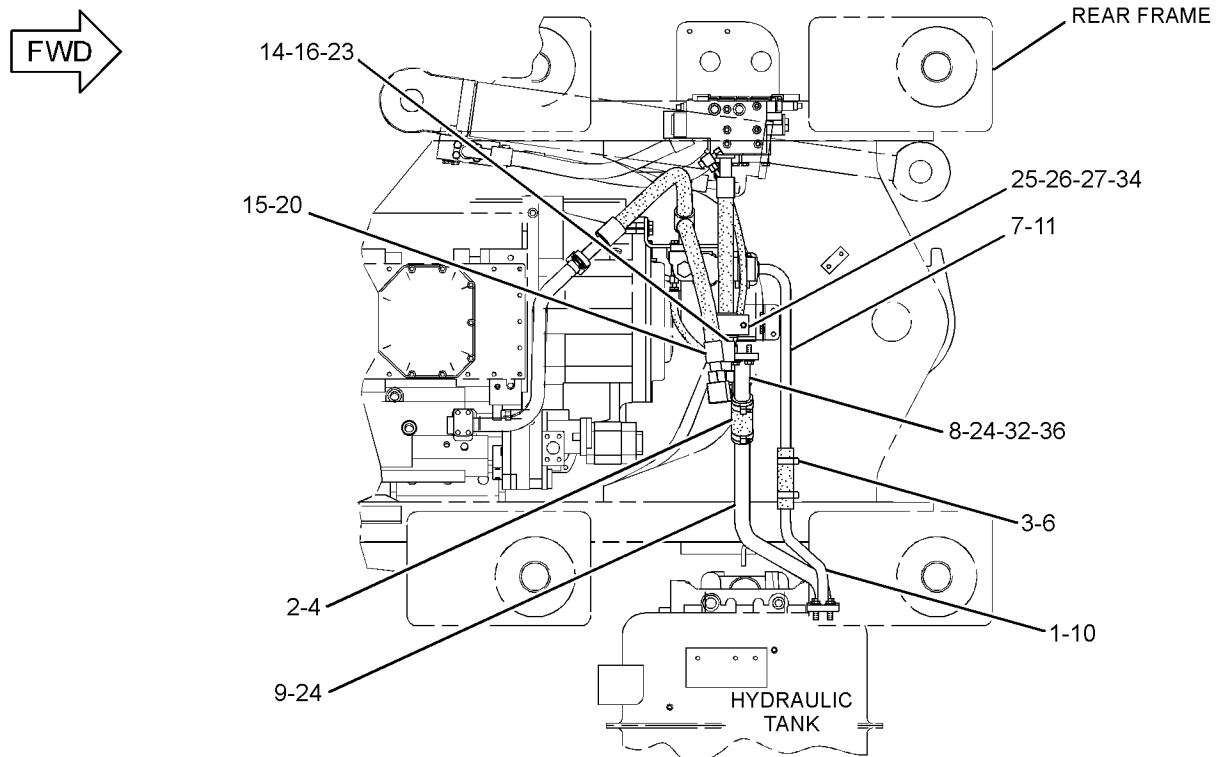
M-METRIC PART

Y-SEPARATE ILLUSTRATION

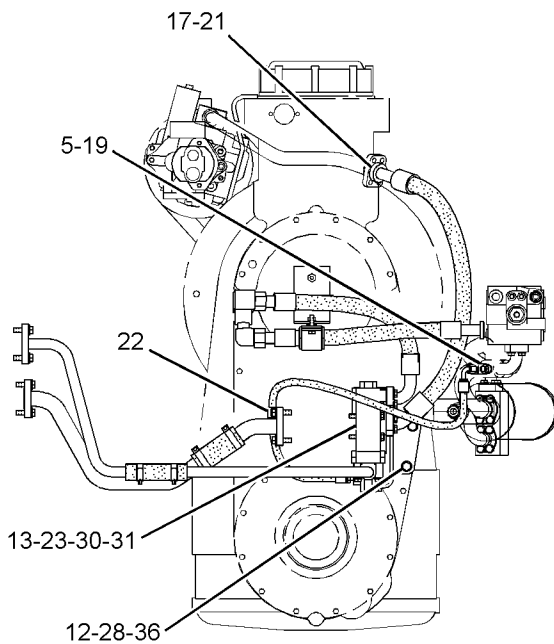
STEERING SYSTEM

123-7310 LINES GP - SECONDARY STEERING (contd.)

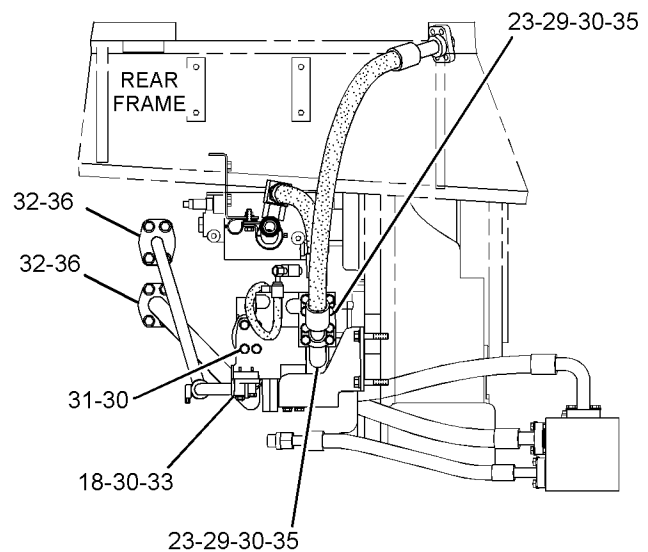
i02566102



TOP VIEW



FRONT VIEW



LEFT SIDE VIEW

GRAPHIC #1

<END>

g01288091

STEERING SYSTEM

231-8620 LINES GP-STEERING

S/N: ASX1-255

PART OF 226-9597 HYDRAULIC AR

SMCS-4304

i02763838

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	4	1B-8705	1	KEY-WOODRUFF						
	2	3, 4, 5	1P-3703	3	SEAL-RECTANGULAR						
E	3	4	5P-6412		HOSE (12-CM)						
E	4	4	5P-1295		HOSE (16-CM)						
I	5	5	3P-9051	1	HOSE						
	6	3	3V-7740	2	TAG-IDENTIFICATION (LETTER, NUMBER T1)						
	10	4, 5	6V-0852	2	CAP-DUST						
I	11	2	7I-5422	1	HOSE AS						
Y	12	4	8J-6875	1	VALVE GP-SHUTTLE						665
	13	1	5P-1295	1	HOSE (10-CM)						
I	14	2	9U-3226	1	HOSE AS						
	15	5	110-6349	1	FITTING AS (QUICK DISCONNECT)						
Y	16	2	111-7775	1	VALVE GP-CHECK (STEERING QUAD)						653
I	17	3	112-3830	1	HOSE AS						
	18	4	114-6051	1	ELBOW						
	19	4	116-9563	1	BRACKET AS						
	20	4	120-5978	1	TUBE AS						
	21	4	121-1326	1	BRACKET AS						
M		4	8T-3490	2	NUT-WELD (M10X1.5-THD)						
I	22	3	121-3280	1	HOSE AS						
I	23	2	121-3282	1	HOSE AS						
I	24	2	121-3283	1	HOSE AS (1/2-13X1.25-IN)						
	25	2	121-8001	1	BRACKET AS						
M		2	8T-3490	2	NUT-WELD (M10X1.5-THD)						
I	26	1	121-8007	1	HOSE AS						
I	27	5	121-8008	1	HOSE AS						
	28	1	121-8009	1	TUBE AS						
I	29	1	137-4477	1	HOSE AS						
	30	5	121-8011	1	TUBE AS						
I	31	4	121-8013	1	HOSE AS						
	32	4	125-0151	2	BLOCK						
	33	5	126-3721	1	BLOCK-MANIFOLD						
Y	34	1	127-5500	1	VALVE GP-STEERING						668
	35	3	127-5671	1	SHAFT AS-STEERING						
B	36	4	127-5672	1	SHIM PACK (INCLUDES 4-SHIMS)						
Y	37	4	130-1246	1	VALVE GP-PILOT (STEERING)						658
I	38	3	130-5378	1	HOSE AS						
I	39	5	133-0964	1	HOSE AS						
I	40	2	145-6117	2	HOSE AS						
	41	4	151-2823	1	ADAPTER						
	42	3	154-6524	1	CHAIN						
	43	4	187-1667	1	STRAINER (HYDRAULIC OIL)						
I	44	1	187-9720	1	HOSE AS						
I	45	1	187-9721	1	HOSE AS						
	46	2, 4	202-6555	4	BLOCK						
	47	4	224-3141	1	TUBE						
I	48	1	245-9120	1	HOSE AS						
	49	5	250-2952	2	CLAMP						
	50	3	252-4996	1	TUBE AS						
	51	4	257-8521	1	TUBE AS						
	52	1	148-8311	1	ADAPTER AS						
		1	3K-0360	1	SEAL-O-RING						
		1	8T-1715	1	ADAPTER (STRAIGHT THREAD O-RING)						
	53	2	148-8318	2	CONNECTOR AS						
					(EACH INCLUDES)						
		2	6V-8634	1	CONNECTOR						

STEERING SYSTEM

231-8620 LINES GP-STEERING (contd.)

i02763838

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	6V-8397	1	SEAL-O-RING						
		2	3K-0360	1	SEAL-O-RING						
	54	3	148-8322	1	CONNECTOR AS						
		3	6V-8640	1	CONNECTOR						
		3	6V-9746	1	SEAL-O-RING						
		3	2M-9780	1	SEAL-O-RING						
	55	4,5	148-8327	2	CONNECTOR AS						
					(EACH INCLUDES)						
		4,5	6V-8637	1	CONNECTOR						
		4,5	3D-2824	1	SEAL-O-RING						
		4,5	6V-9746	1	SEAL-O-RING						
	56	4	148-8336	2	CONNECTOR AS						
					(EACH INCLUDES)						
		4	6V-8636	1	CONNECTOR						
		4	6V-8397	1	SEAL-O-RING						
		4	3J-1907	1	SEAL-O-RING						
	57	5	148-8361	1	ELBOW AS						
		5	6V-9200	1	ELBOW						
		5	6V-8397	1	SEAL-O-RING						
		5	3J-7354	1	SEAL-O-RING						
	58	2	148-8363	2	ELBOW AS						
					(EACH INCLUDES)						
		2	6V-9876	1	ELBOW						
		2	6V-8397	1	SEAL-O-RING						
		2	3K-0360	1	SEAL-O-RING						
	59	1	148-8364	1	ELBOW AS						
		1	6V-8625	1	ELBOW						
		1	6V-8398	1	SEAL-O-RING						
		1	3K-0360	1	SEAL-O-RING						
	60	2	148-8366	1	ELBOW AS						
		2	6V-8987	1	ELBOW						
		2	6V-8397	2	SEAL-O-RING						
	61	4	148-8373	1	ELBOW AS						
		4	8C-3364	1	ELBOW						
		4	7M-8485	1	SEAL-O-RING						
		4	6V-8400	1	SEAL-O-RING						
	62	2,4	148-8378	4	ELBOW AS						
					(EACH INCLUDES)						
		2,4	6V-8724	1	ELBOW						
		2,4	6V-8397	1	SEAL-O-RING						
		2,4	3J-1907	1	SEAL-O-RING						
	63	4	148-8392	1	ELBOW AS						
		4	6V-9853	1	ELBOW						
		4	6V-9746	1	SEAL-O-RING						
	64	5	148-8409	1	PLUG AS						
		5	9S-8008	1	PLUG-O-RING						
		5	3D-2824	1	SEAL-O-RING						
	65	2,3,4	150-3036	3	ELBOW AS						
					(EACH INCLUDES)						
		2,3,4	8T-1905	1	ELBOW						
		2,3,4	6V-8397	1	SEAL-O-RING						
		2,3,4	3J-1907	1	SEAL-O-RING						
	66	4	150-3065	1	ADAPTER AS						
		4	6V-0484	1	ADAPTER-O-RING						
		4	3J-1907	1	SEAL-O-RING						
	67	4	150-4037	1	TEE AS						
		4	6V-9844	1	TEE-SWIVEL						
		4	6V-8398	2	SEAL-O-RING						
	68	1	150-4044	1	CONNECTOR AS						

STEERING SYSTEM

231-8620 LINES GP-STEERING (contd.)

i02763838

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	8T-1779	1	CONNECTOR						
		1	6V-8397	1	SEAL-O-RING						
		1	3J-1907	1	SEAL-O-RING						
69		4	153-6242	1	CONNECTOR AS						
		4	8T-0197	1	CONNECTOR						
		4	7M-8485	1	SEAL-O-RING						
		4	6V-9746	1	SEAL-O-RING						
70		4	153-6258	1	CONNECTOR AS						
		4	8T-5050	1	CONNECTOR						
		4	6V-8398	1	SEAL-O-RING						
		4	3J-1907	1	SEAL-O-RING						
71		4	164-5567	1	FITTING AS (QUICK DISCONNECT, MALE)						
		4	6V-3965	1	FITTING-COUPLER						
		4	3J-1907	1	SEAL-O-RING						
72		4	164-5609	1	ELBOW AS						
		4	8T-2335	1	ELBOW						
		4	3J-1907	1	SEAL-O-RING						
73		3	1P-4579	2	FLANGE-HALF						
74	1, 4		209-4575	4	CLAMP						
75	4		216-1649	2	CLAMP						
76	5		3J-7354	1	SEAL-O-RING						
77	1		4D-7388	1	CLIP						
78	1, 4, 5		4J-0520	7	SEAL-O-RING						
79	1		4J-0524	1	SEAL-O-RING						
80	1, 4, 5		4J-5267	6	SEAL-O-RING						
81	4		4S-4455	2	CLIP						
82	4		6J-2680	1	SEAL-O-RING						
83	3		6V-0357	1	SEAL-O-RING						
84	3		6V-0400	2	FLANGE-HALF						
85	2		6V-5185	1	CLIP (SLOT)						
86	2		6V-5186	1	CLIP (TAB)						
87	3		6V-5386	1	CLIP						
88	2		6V-9168	1	NUT (11/16-16-THD)						
89	1		6V-9746	1	SEAL-O-RING						
M	90	4	7X-2538	2	BOLT (M8X1.25X100-MM)						
M	91	2	7X-2544	2	BOLT (M10X1.5X104-MM)						
	92	4	8B-0544	1	SPACER (1-IN THK)						
	93	4, 5	8C-3205	12	FLANGE-HALF						
	94	5	8C-3206	12	FLANGE-HALF						
	95	3	8D-9671	1	CLIP						
	96	2, 5	8M-2773	4	CLIP						
	97	1, 2, 3, 4, 5	8T-4121	80	WASHER-HARD (11X21X2.5-MM THK)						
M	98	1, 2, 3	8T-4133	10	NUT (M10X1.5-THD)						
M	99	5	8T-4136	1	BOLT (M10X1.5X25-MM)						
M	100	1, 2	8T-4137	6	BOLT (M10X1.5X20-MM)						
M	101	5	8T-4172	4	BOLT (M10X1.5X80-MM)						
M	102	4	8T-4178	2	BOLT (M10X1.5X90-MM)						
M	103	4	8T-4183	2	BOLT (M12X1.75X40-MM)						
M	104	3	8T-4184	4	BOLT (M12X1.75X45-MM)						
M	105	3	8T-4186	1	BOLT (M10X1.5X40-MM)						
M	106	3, 4	8T-4194	8	BOLT (M12X1.75X50-MM)						
M	107	2	8T-4195	1	BOLT (M10X1.5X30-MM)						
M	108	1, 3, 4, 5	8T-4196	47	BOLT (M10X1.5X35-MM)						
	109	3, 4	8T-4223	18	WASHER-HARD (13.5X25.5X3-MM THK)						
	110	4	8T-4224	2	WASHER-HARD (8.8X16X2-MM THK)						
M	111	2	8T-5005	2	BOLT (M10X1.5X70-MM)						
M	112	2	8T-5436	1	BOLT (M10X1.5X130-MM)						
M	113	2, 4	8T-6466	7	BOLT (M10X1.5X60-MM)						
M	114	1	8T-6685	4	BOLT (M10X1.5X110-MM)						

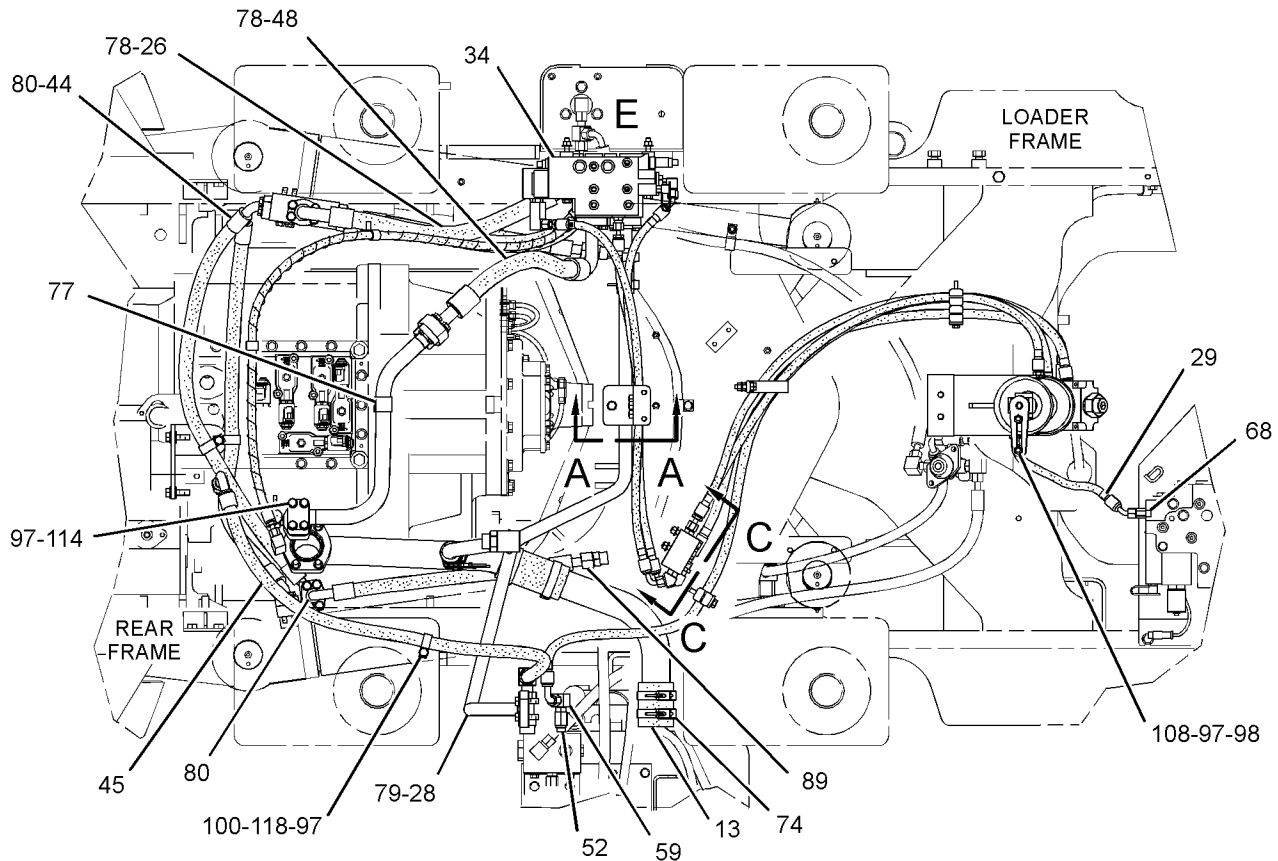
STEERING SYSTEM

231-8620 LINES GP-STEERING (contd.)

i02763838

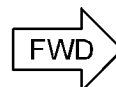
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	115	5	8T-7934	4	WASHER-HARD (11X21X5-MM THK)						
	116	4	8T-8919	2	BOLT (1/2-13X1.75-IN)						
	117	2, 4	8Y-8388	2	PLATE						
	118	1	9M-4972	1	CLIP						
E	119	3	206-2733		GUARD-HOSE (40-CM)						
E	119A	3	206-2733		GUARD-HOSE (52.5-CM)						
E	119B	3	206-2733		GUARD-HOSE (57.5-CM)						

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



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

TOP VIEW



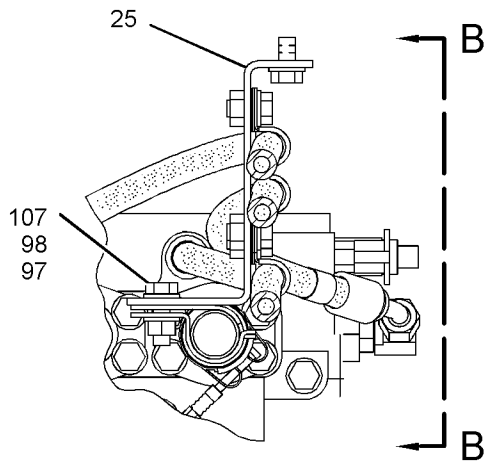
GRAPHIC #1

g01374267

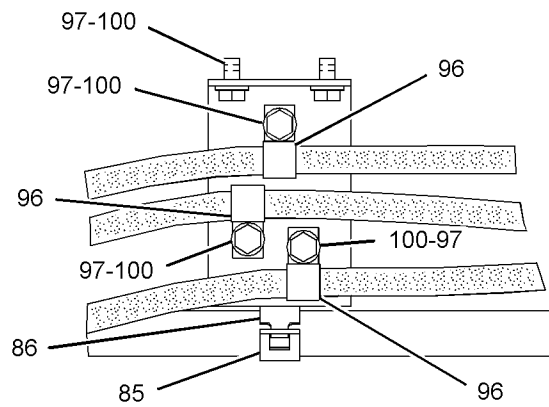
STEERING SYSTEM

231-8620 LINES GP-STEERING (contd.)

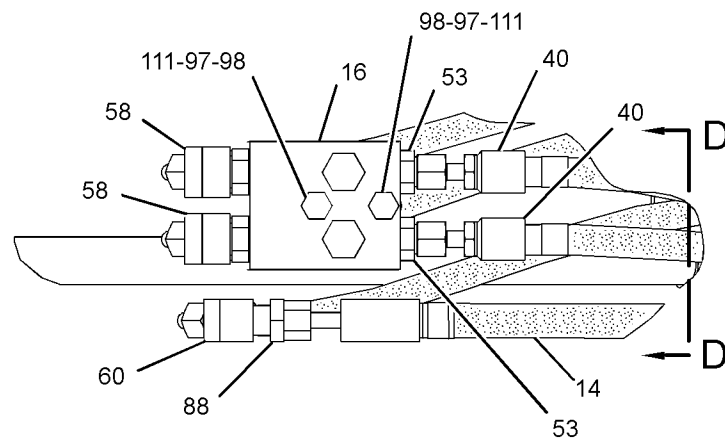
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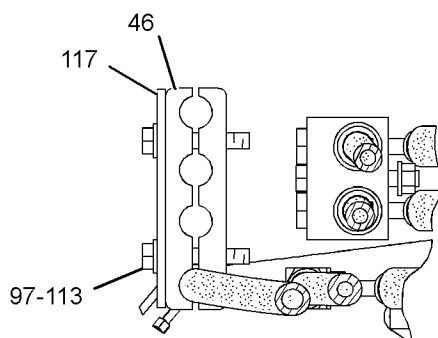
SECTION A-A



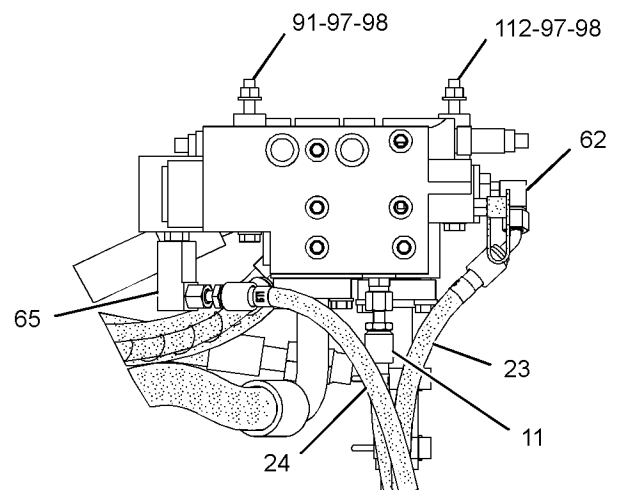
VIEW B-B



VIEW C-C



SECTION D-D



VIEW OF AREA E

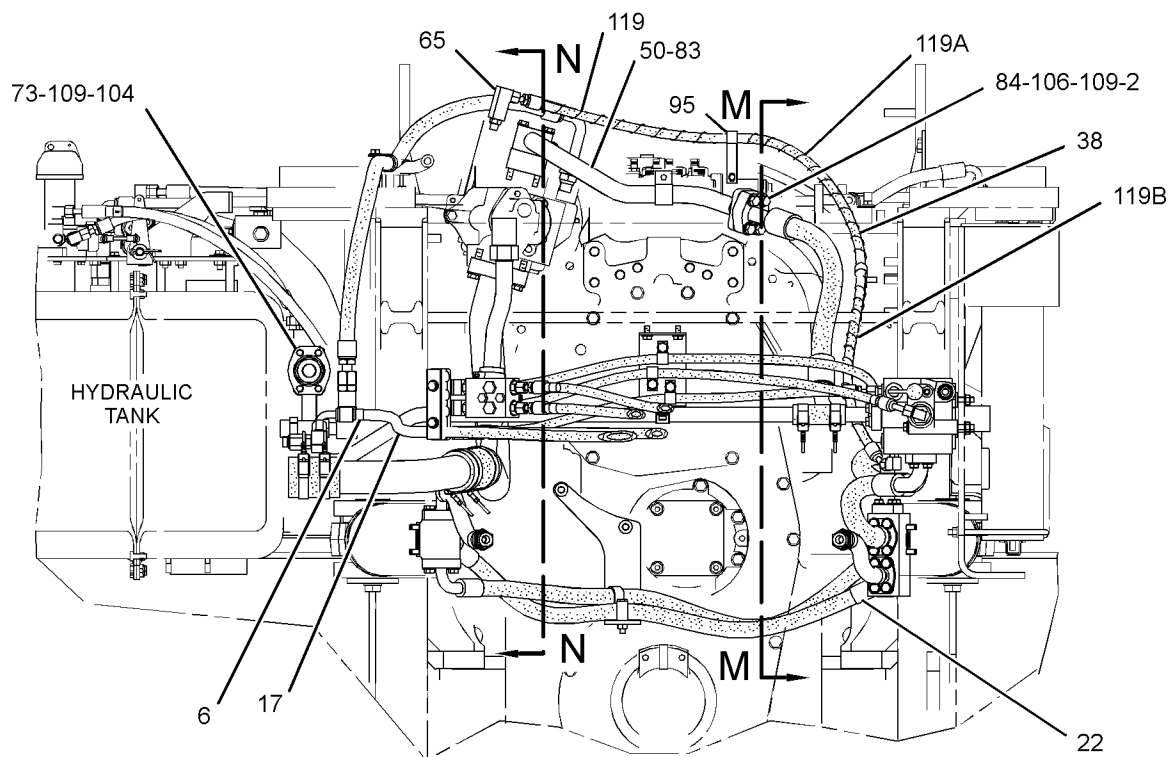
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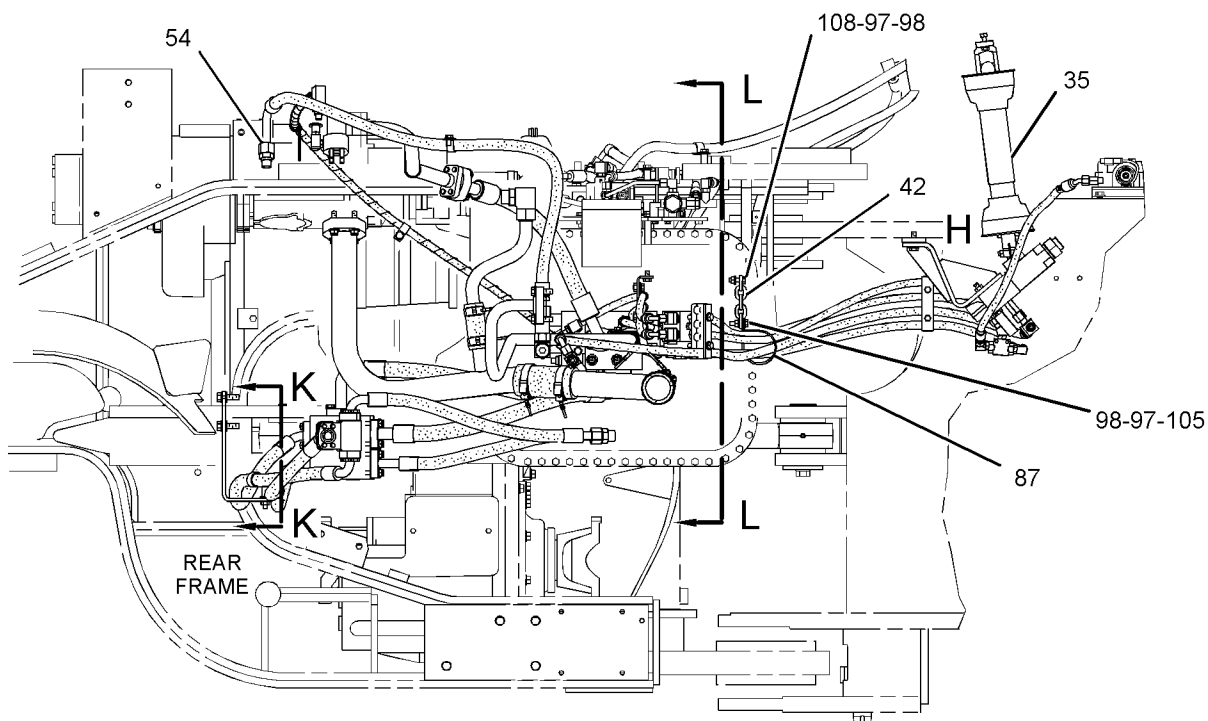
STEERING SYSTEM

231-8620 LINES GP-STEERING (contd.)

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SECTION L-L



RIGHT SIDE VIEW

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

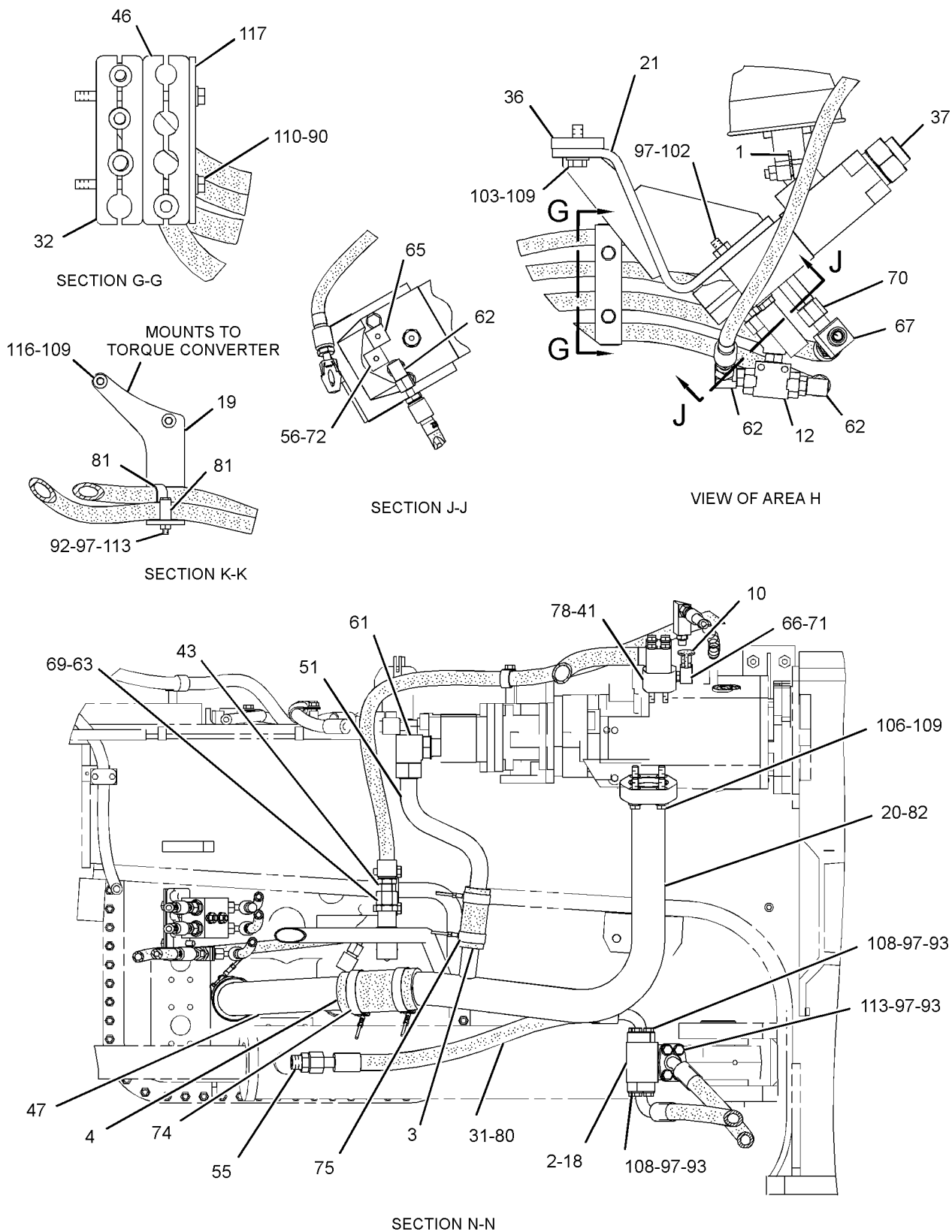
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STEERING SYSTEM

231-8620 LINES GP-STEERING (contd.)

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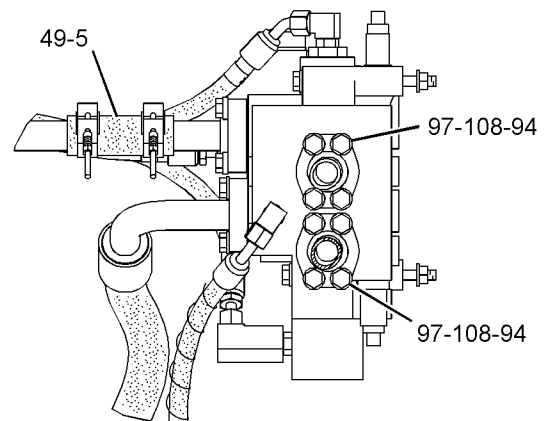
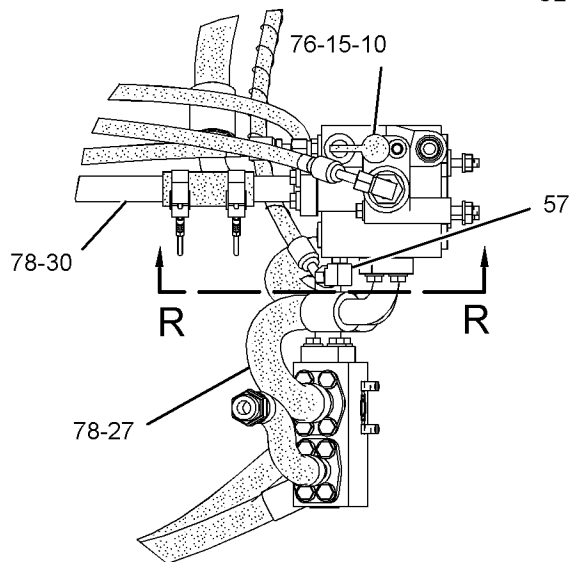
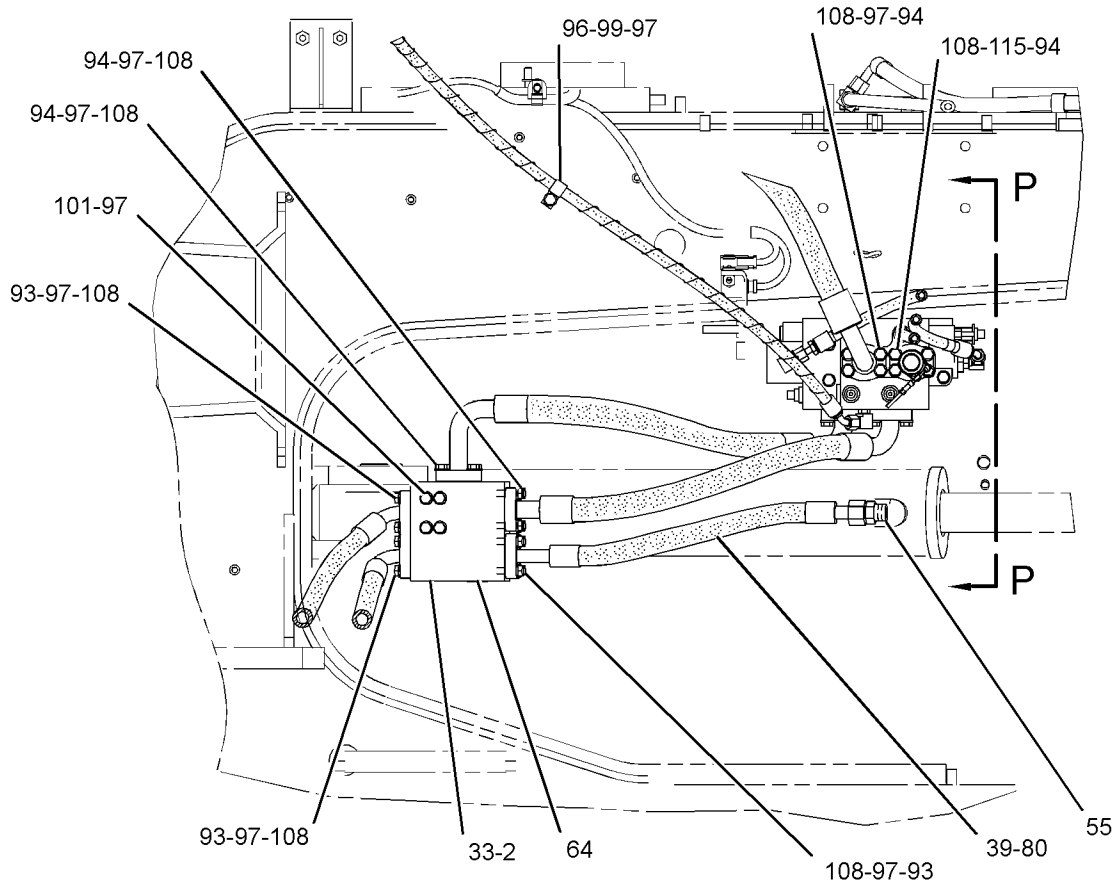
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STEERING SYSTEM

231-8620 LINES GP-STEERING (contd.)

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GRAPHIC #5

<END>

g01335454

STEERING SYSTEM

231-8620 LINES GP-STEERING

S/N: ASX256-260

PART OF 226-9597 HYDRAULIC AR

SMCS-4304

i02763839

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	4	1B-8705	1	KEY-WOODRUFF	
	2	3, 4, 5	1P-3703	3	SEAL-RECTANGULAR	
E	3	4	5P-6412		HOSE (12-CM)	
E	4	4	5P-1295		HOSE (16-CM)	
	5	3	3V-7740	2	TAG-IDENTIFICATION (LETTER, NUMBER T1)	
	9	4, 5	6V-0852	2	CAP-DUST	
I	10	2	7I-5422	1	HOSE AS	
C	11	5	8E-1474	1	HOSE	
Y	12	4	8J-6875	1	VALVE GP-SHUTTLE	665
E	13	1	5P-1295		HOSE (10-CM)	
I	14	2	9U-3226	1	HOSE AS	
	15	5	110-6349	1	FITTING AS (QUICK DISCONNECT)	
Y	16	2	111-7775	1	VALVE GP-CHECK (STEERING QUAD)	653
I	17	3	112-3830	1	HOSE AS	
	18	4	114-6051	1	ELBOW	
	19	4	116-9563	1	BRACKET AS	
	20	4	120-5978	1	TUBE AS	
	21	4	121-1326	1	BRACKET AS	
M		4	8T-3490	2	NUT-WELD (M10X1.5-THD)	
I	22	3	121-3280	1	HOSE AS	
I	23	2	121-3282	1	HOSE AS	
I	24	2	121-3283	1	HOSE AS (1/2-13X1.25-IN)	
	25	2	121-8001	1	BRACKET AS	
M		2	8T-3490	2	NUT-WELD (M10X1.5-THD)	
I	26	1	121-8007	1	HOSE AS	
I	27	5	121-8008	1	HOSE AS	
I	28	1	137-4477	1	HOSE AS	
I	29	4	121-8013	1	HOSE AS	
	30	4	125-0151	2	BLOCK	
	31	5	126-3721	1	BLOCK-MANIFOLD	
Y	32	1	127-5500	1	VALVE GP-STEERING	668
	33	3	127-5671	1	SHAFT AS-STEERING	
B	34	4	127-5672	1	SHIM PACK (INCLUDES 4-SHIMS)	
Y	35	4	130-1246	1	VALVE GP-PILOT (STEERING)	658
I	36	3	130-5378	1	HOSE AS	
I	37	5	133-0964	1	HOSE AS	
I	38	2	145-6117	2	HOSE AS	
	39	4	151-2823	1	ADAPTER	
	40	3	154-6524	1	CHAIN	
	41	3	187-1667	1	STRAINER (HYDRAULIC OIL)	
I	42	1	187-9720	1	HOSE AS	
I	43	1	187-9721	1	HOSE AS	
	44	2, 4	202-6555	4	BLOCK	
	45	4	224-3141	1	TUBE	
I	46	1	245-9120	1	HOSE AS	
	47	3	252-4996	1	TUBE AS	
	48	4	257-8521	1	TUBE AS	
	49	1	121-8009	1	TUBE AS	
	50	5	121-8011	1	TUBE AS	
	51	1	148-8311	1	ADAPTER AS	
		1	3K-0360	1	SEAL-O-RING	
		1	8T-1715	1	ADAPTER (STRAIGHT THREAD O-RING)	
	52	2	148-8318	2	CONNECTOR AS	
					(EACH INCLUDES)	
		2	6V-8634	1	CONNECTOR	
		2	6V-8397	1	SEAL-O-RING	

STEERING SYSTEM

231-8620 LINES GP-STEERING (contd.)

i02763839

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	3K-0360	1	SEAL-O-RING						
	53	3	148-8322	1	CONNECTOR AS						
		3	6V-8640	1	CONNECTOR						
		3	6V-9746	1	SEAL-O-RING						
		3	2M-9780	1	SEAL-O-RING						
	54	4,5	148-8327	2	CONNECTOR AS						
					(EACH INCLUDES)						
		4,5	6V-8637	1	CONNECTOR						
		4,5	3D-2824	1	SEAL-O-RING						
		4,5	6V-9746	1	SEAL-O-RING						
	55	4	148-8336	2	CONNECTOR AS						
					(EACH INCLUDES)						
		4	6V-8636	1	CONNECTOR						
		4	6V-8397	1	SEAL-O-RING						
		4	3J-1907	1	SEAL-O-RING						
	56	5	148-8361	1	ELBOW AS						
		5	6V-9200	1	ELBOW						
		5	6V-8397	1	SEAL-O-RING						
		5	3J-7354	1	SEAL-O-RING						
	57	2	148-8363	2	ELBOW AS						
					(EACH INCLUDES)						
		2	6V-9876	1	ELBOW						
		2	6V-8397	1	SEAL-O-RING						
		2	3K-0360	1	SEAL-O-RING						
	58	1	148-8364	1	ELBOW AS						
		1	6V-8625	1	ELBOW						
		1	6V-8398	1	SEAL-O-RING						
		1	3K-0360	1	SEAL-O-RING						
	59	2	148-8366	1	ELBOW AS						
		2	6V-8987	1	ELBOW						
		2	6V-8397	2	SEAL-O-RING						
	60	4	148-8373	1	ELBOW AS						
		4	8C-3364	1	ELBOW						
		4	7M-8485	1	SEAL-O-RING						
		4	6V-8400	1	SEAL-O-RING						
	61	2,4	148-8378	4	ELBOW AS						
					(EACH INCLUDES)						
		2,4	6V-8724	1	ELBOW						
		2,4	6V-8397	1	SEAL-O-RING						
		2,4	3J-1907	1	SEAL-O-RING						
	62	3	148-8392	1	ELBOW AS						
		3	6V-9853	1	ELBOW						
		3	6V-9746	1	SEAL-O-RING						
	63	5	148-8409	1	PLUG AS						
		5	9S-8008	1	PLUG-O-RING						
		5	3D-2824	1	SEAL-O-RING						
	64	2,3,4	150-3036	3	ELBOW AS						
					(EACH INCLUDES)						
		2,3,4	8T-1905	1	ELBOW						
		2,3,4	6V-8397	1	SEAL-O-RING						
		2,3,4	3J-1907	1	SEAL-O-RING						
	65	4	150-3065	1	ADAPTER AS						
		4	6V-0484	1	ADAPTER-O-RING						
		4	3J-1907	1	SEAL-O-RING						
	66	4	150-4037	1	TEE AS						
		4	6V-9844	1	TEE-SWIVEL						
		4	6V-8398	2	SEAL-O-RING						
	67	1	150-4044	1	CONNECTOR AS						
		1	8T-1779	1	CONNECTOR						

STEERING SYSTEM

231-8620 LINES GP-STEERING (contd.)

i02763839

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	6V-8397	1	SEAL-O-RING						
		1	3J-1907	1	SEAL-O-RING						
	68	3	153-6242	1	CONNECTOR AS						
		3	8T-0197	1	CONNECTOR						
		3	7M-8485	1	SEAL-O-RING						
		3	6V-9746	1	SEAL-O-RING						
	69	4	153-6258	1	CONNECTOR AS						
		4	8T-5050	1	CONNECTOR						
		4	6V-8398	1	SEAL-O-RING						
		4	3J-1907	1	SEAL-O-RING						
	70	4	164-5567	1	FITTING AS (QUICK DISCONNECT, MALE)						
		4	6V-3965	1	FITTING-COUPLER						
		4	3J-1907	1	SEAL-O-RING						
	71	4	164-5609	1	ELBOW AS						
		4	8T-2335	1	ELBOW						
		4	3J-1907	1	SEAL-O-RING						
	72	3	1P-4579	2	FLANGE-HALF						
	73	1, 4	209-4575	4	CLAMP						
	74	4	216-1649	2	CLAMP						
C	75	5	220-3246	2	CLAMP						
	76	5	3J-7354	1	SEAL-O-RING						
	77	1	4D-7388	1	CLIP						
	78	1, 4, 5	4J-0520	7	SEAL-O-RING						
	79	1	4J-0524	1	SEAL-O-RING						
	80	1, 4, 5	4J-5267	6	SEAL-O-RING						
	81	4	4S-4455	2	CLIP						
	82	4	6J-2680	1	SEAL-O-RING						
	83	3	6V-0357	1	SEAL-O-RING						
	84	3	6V-0400	2	FLANGE-HALF						
	85	2	6V-5185	1	CLIP (SLOT)						
	86	2	6V-5186	1	CLIP (TAB)						
	87	3	6V-5386	1	CLIP						
	88	2	6V-9168	1	NUT (11/16-16-THD)						
	89	1	6V-9746	1	SEAL-O-RING						
M	90	4	7X-2538	2	BOLT (M8X1.25X100-MM)						
M	91	2	7X-2544	2	BOLT (M10X1.5X104-MM)						
	92	4	8B-0544	1	SPACER (1-IN THK)						
	93	4, 5	8C-3205	12	FLANGE-HALF						
	94	5	8C-3206	12	FLANGE-HALF						
	95	3	8D-9671	1	CLIP						
	96	2, 5	8M-2773	4	CLIP						
	97	1, 2, 3, 4, 5	8T-4121	80	WASHER-HARD (11X21X2.5-MM THK)						
M	98	1, 2, 3	8T-4133	10	NUT (M10X1.5-THD)						
M	99	5	8T-4136	1	BOLT (M10X1.5X25-MM)						
M	100	1, 2	8T-4137	6	BOLT (M10X1.5X20-MM)						
M	101	5	8T-4172	4	BOLT (M10X1.5X80-MM)						
M	102	4	8T-4178	2	BOLT (M10X1.5X90-MM)						
M	103	4	8T-4183	2	BOLT (M12X1.75X40-MM)						
M	104	3	8T-4184	4	BOLT (M12X1.75X45-MM)						
M	105	3	8T-4186	1	BOLT (M10X1.5X40-MM)						
M	106	3, 4	8T-4194	8	BOLT (M12X1.75X50-MM)						
M	107	2	8T-4195	1	BOLT (M10X1.5X30-MM)						
M	108	1, 3, 4, 5	8T-4196	47	BOLT (M10X1.5X35-MM)						
	109	3, 4	8T-4223	18	WASHER-HARD (13.5X25.5X3-MM THK)						
	110	4	8T-4224	2	WASHER-HARD (8.8X16X2-MM THK)						
M	111	2	8T-5005	2	BOLT (M10X1.5X70-MM)						
M	112	2	8T-5436	1	BOLT (M10X1.5X130-MM)						
M	113	2, 4	8T-6466	7	BOLT (M10X1.5X60-MM)						
M	114	1	8T-6685	4	BOLT (M10X1.5X110-MM)						

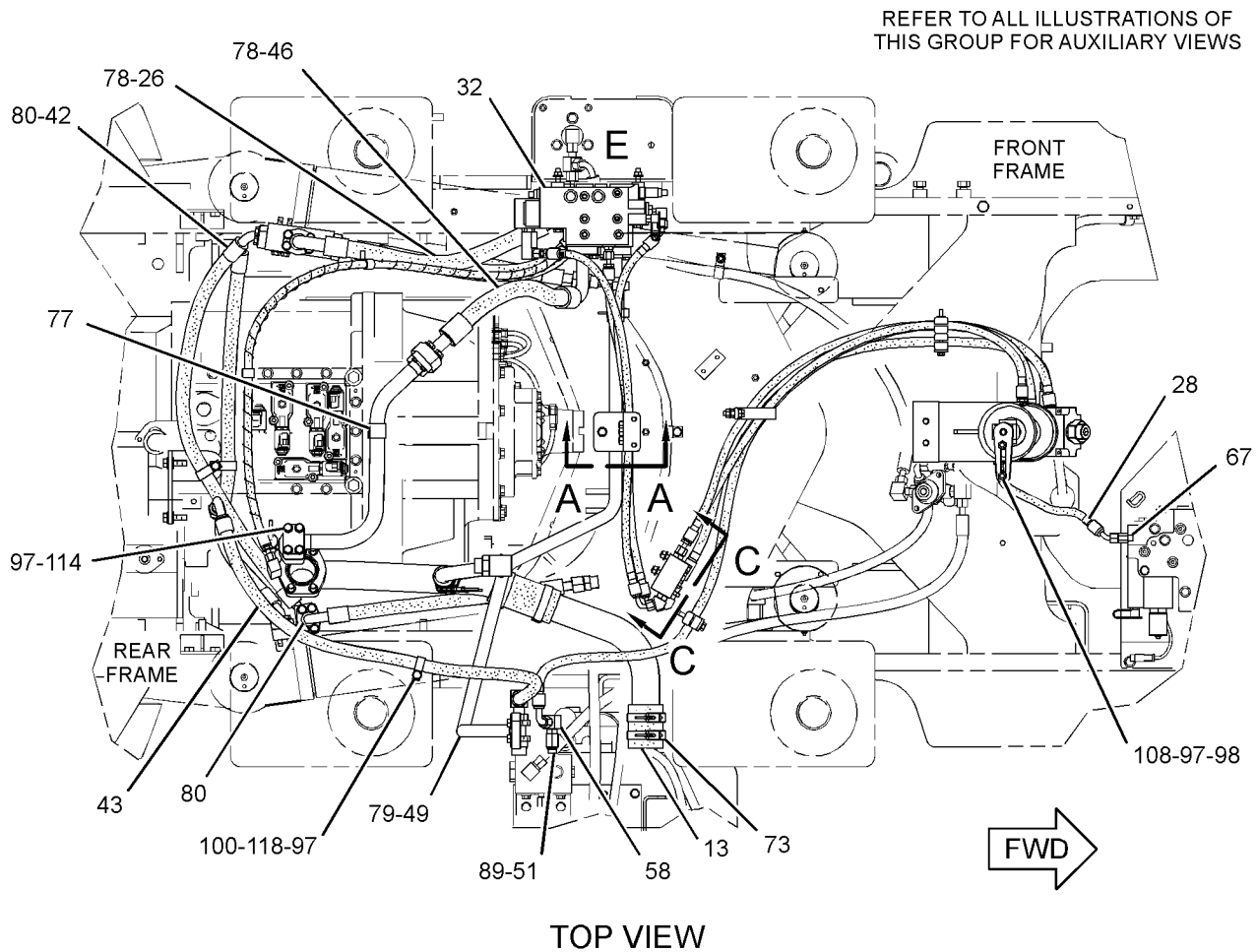
STEERING SYSTEM

231-8620 LINES GP-STEERING (contd.)

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NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	115	5	8T-7934	4	WASHER-HARD (11X21X5-MM THK)						
	116	4	8T-8919	2	BOLT (1/2-13X1.75-IN)						
	117	2, 4	8Y-8388	2	PLATE						
	118	1	9M-4972	1	CLIP						
E	119	3	206-2733		GUARD-HOSE (40-CM)						
E	119A	3	206-2733		GUARD-HOSE (52.5-CM)						
E	119B	3	206-2733		GUARD-HOSE (57.5-CM)						

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



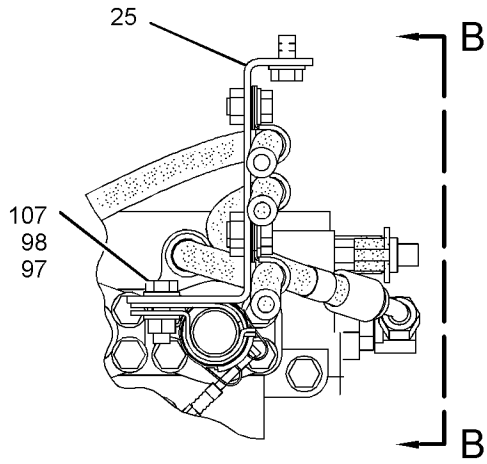
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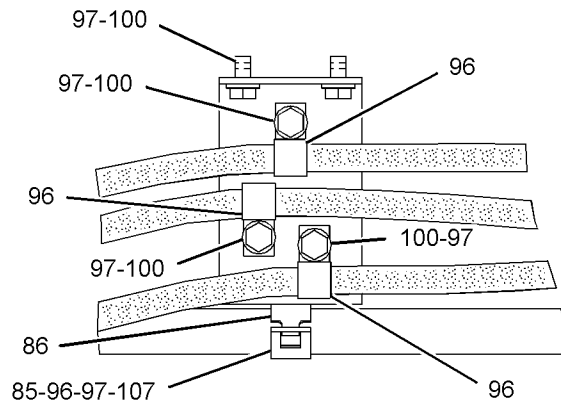
STEERING SYSTEM

231-8620 LINES GP-STEERING (contd.)

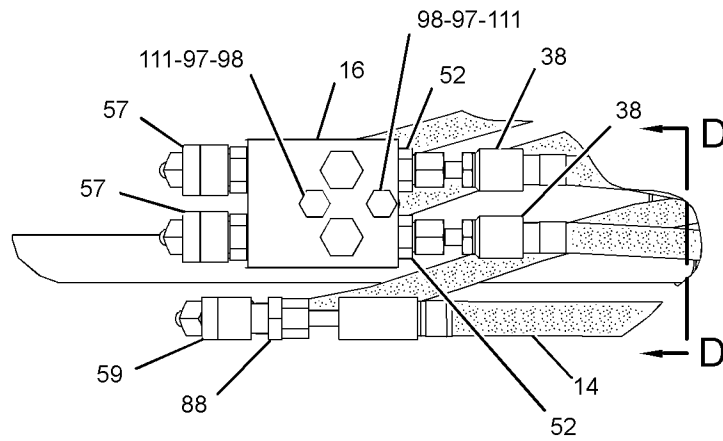
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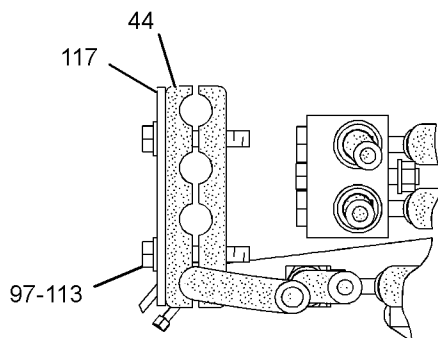
SECTION A-A



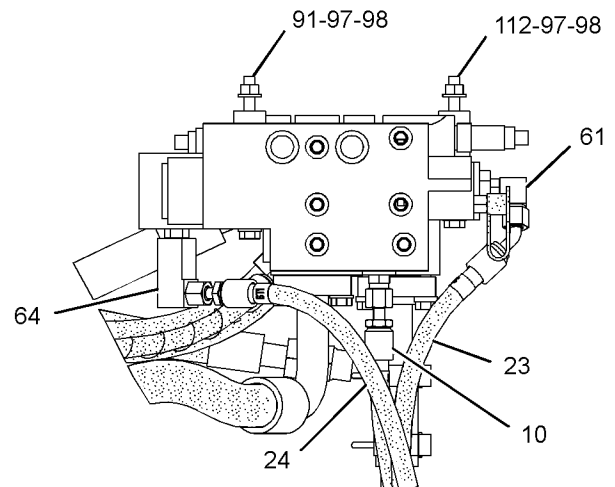
VIEW B-B



VIEW C-C



SECTION D-D



VIEW OF AREA E

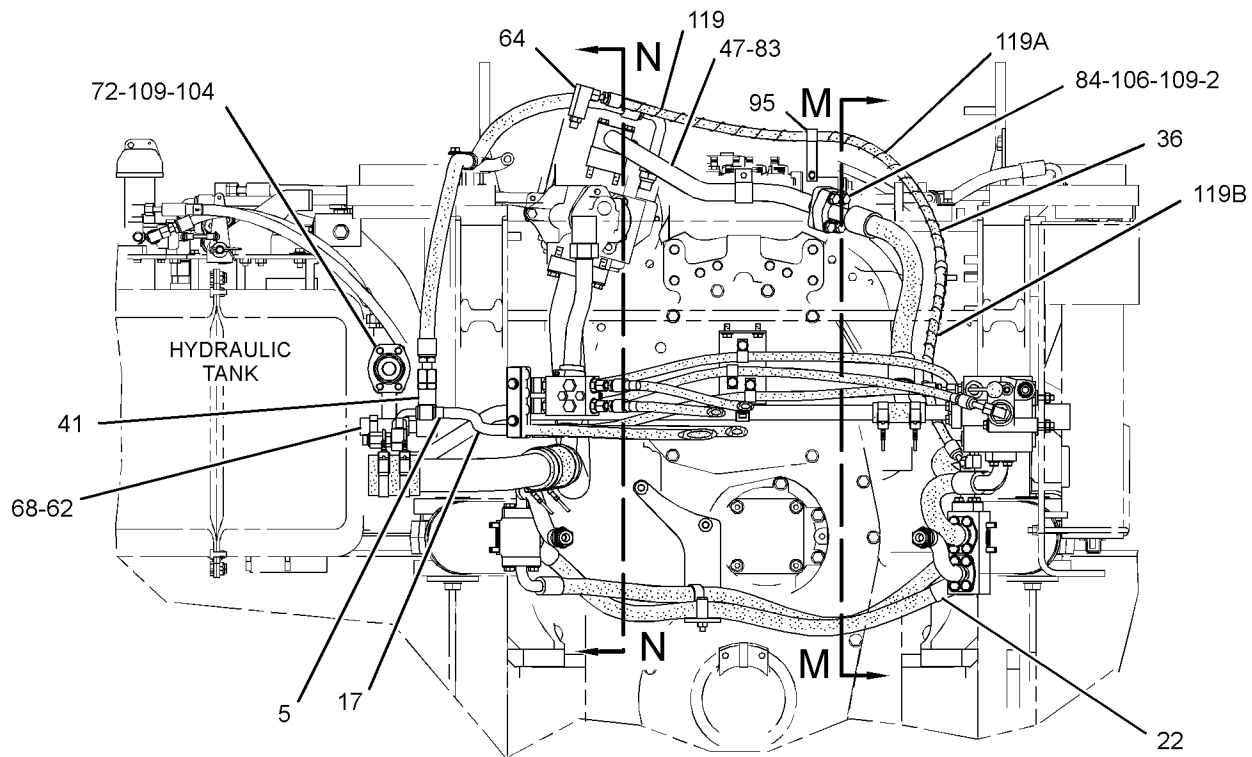
GRAPHIC #2

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STEERING SYSTEM

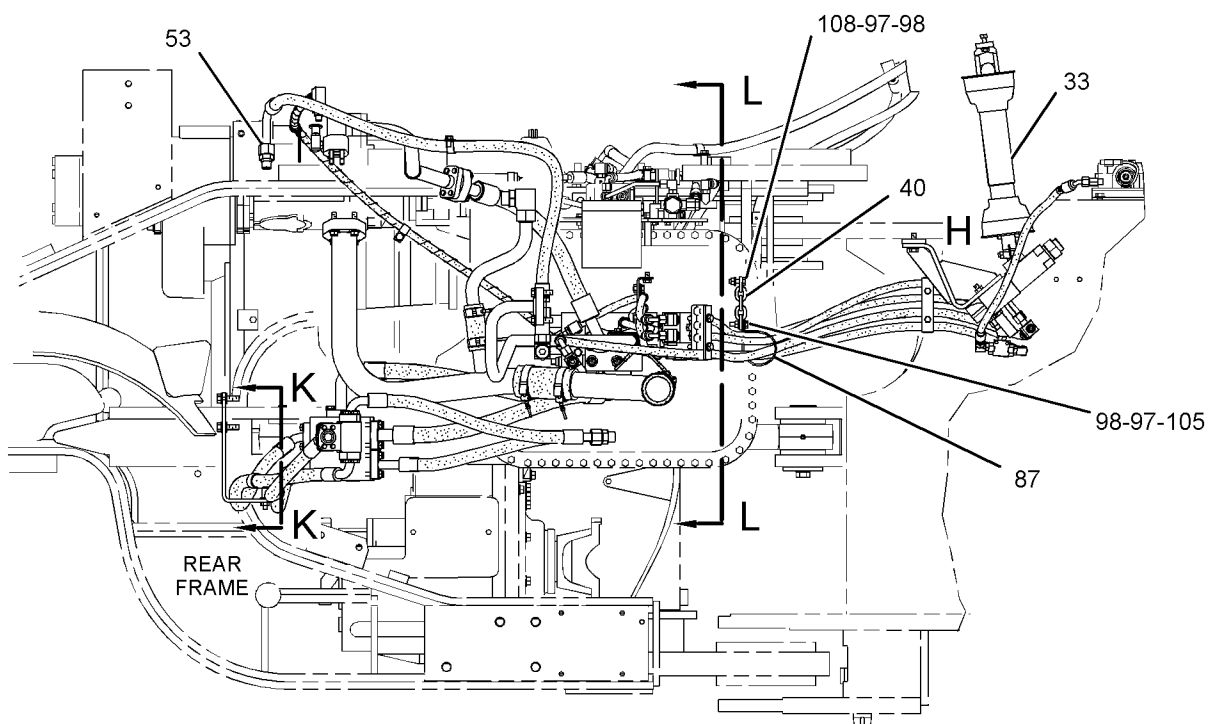
231-8620 LINES GP-STEERING (contd.)

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SECTION L-L

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



RIGHT SIDE VIEW

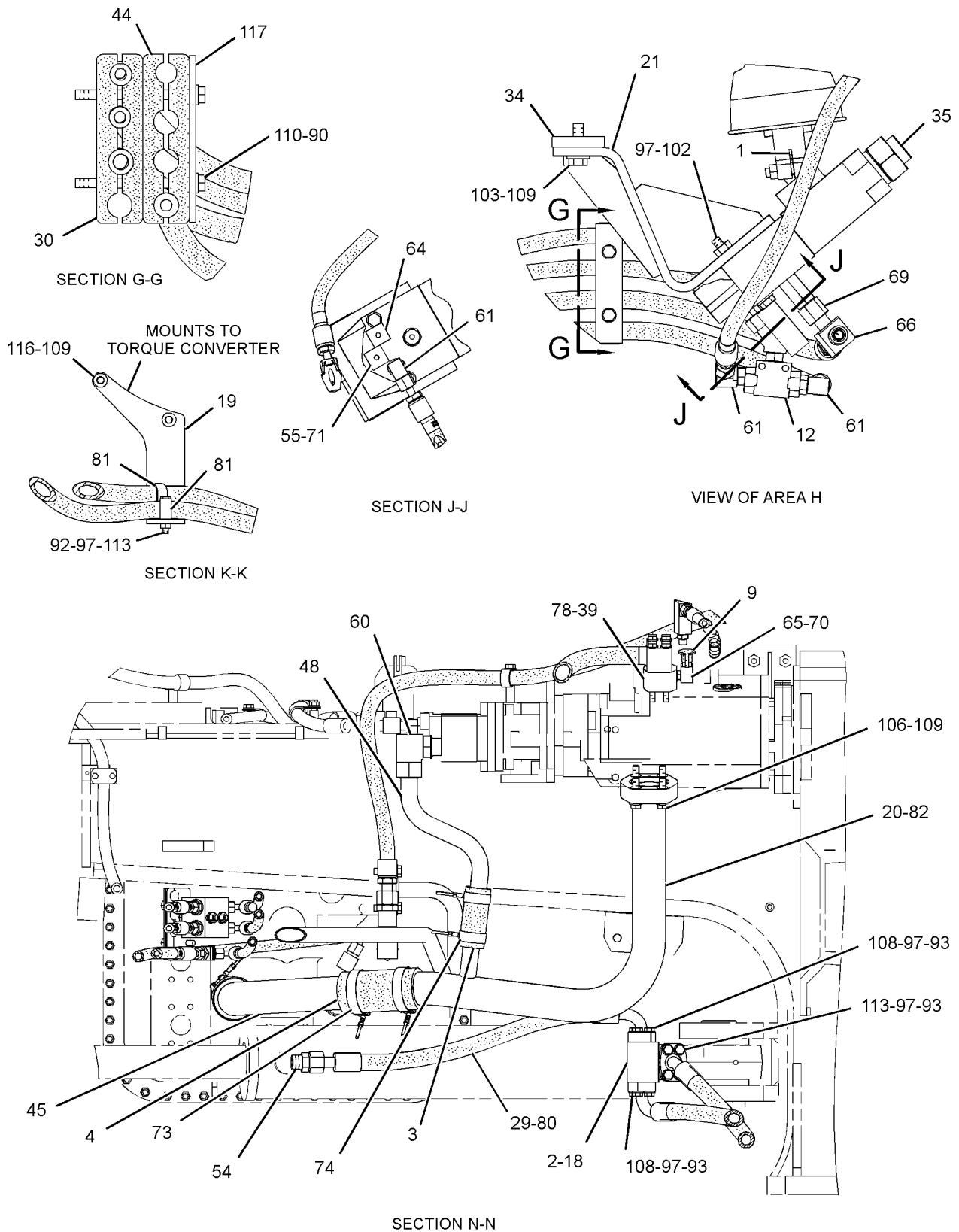
GRAPHIC #3

g01374985

STEERING SYSTEM

231-8620 LINES GP-STEERING (contd.)

i02763839



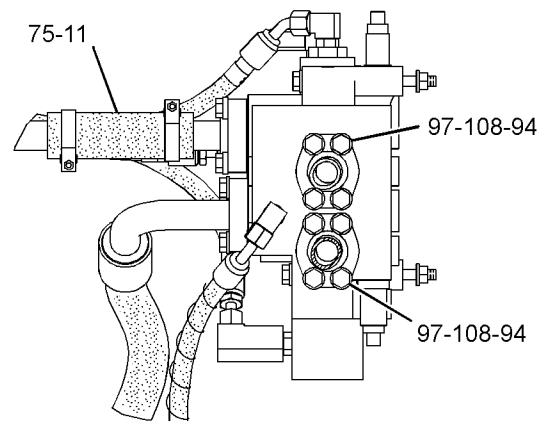
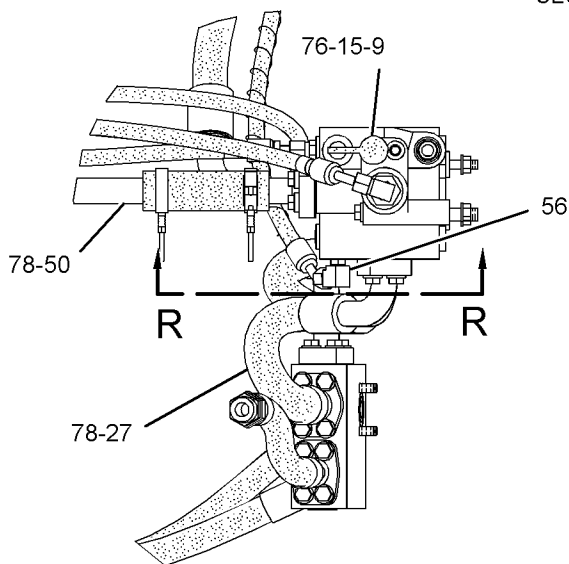
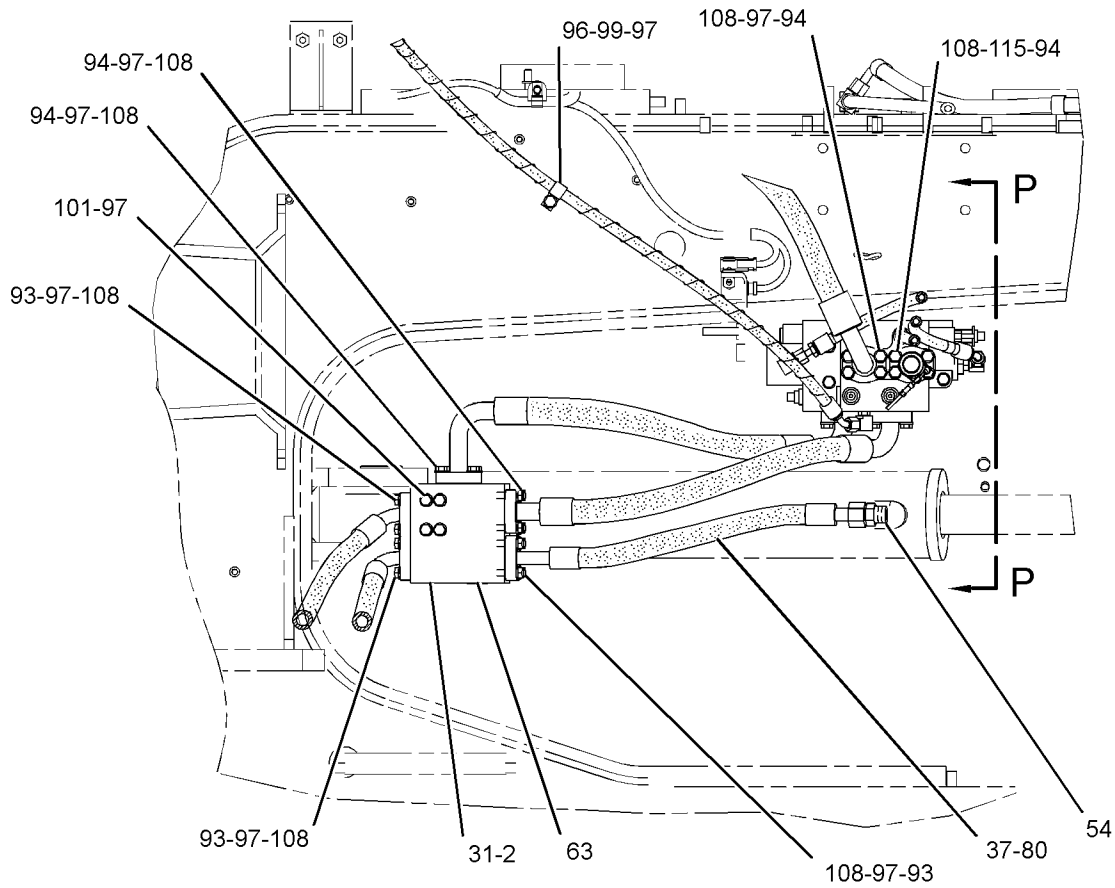
GRAPHIC #4

g01374986

STEERING SYSTEM

231-8620 LINES GP-STEERING (contd.)

i02763839



GRAPHIC #5

<END>

g01374987

STEERING SYSTEM

231-8620 LINES GP-STEERING

S/N: ASX261-UP

PART OF 226-9597, 302-1353 HYDRAULIC AR

SMCS-4304

i02763837

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	4	1B-8705	1	KEY-WOODRUFF	
	2	3, 4, 5	1P-3703	3	SEAL-RECTANGULAR	
E	3	4	5P-6412		HOSE (12-CM)	
E	4	4	5P-1295		HOSE (16-CM)	
	5	3	3V-7740	2	TAG-IDENTIFICATION (LETTER, NUMBER T1)	
	9	4, 5	6V-0852	2	CAP-DUST	
I	10	2	7I-5422	1	HOSE AS	
	11	5	8E-1474	1	HOSE	
Y	12	4	8J-6875	1	VALVE GP-SHUTTLE	665
E	13	1	5P-1295		HOSE (10-CM)	
I	14	2	9U-3226	1	HOSE AS	
	15	5	110-6349	1	FITTING AS (QUICK DISCONNECT)	
Y	16	2	111-7775	1	VALVE GP-CHECK (STEERING QUAD)	653
I	17	3	112-3830	1	HOSE AS	
I	18	1	112-4851	1	HOSE AS	
	19	4	114-6051	1	ELBOW	
	20	4	116-9563	1	BRACKET AS	
	21	4	120-5978	1	TUBE AS	
	22	4	121-1326	1	BRACKET AS	
M		4	8T-3490	2	NUT-WELD (M10X1.5-THD)	
I	23	3	121-3280	1	HOSE AS	
I	24	2	121-3282	1	HOSE AS	
I	25	2	121-3283	1	HOSE AS (1/2-13X1.25-IN)	
	26	2	121-8001	1	BRACKET AS	
M		2	8T-3490	3	NUT-WELD (M10X1.5-THD)	
I	27	1	121-8007	1	HOSE AS	
I	28	5	121-8008	1	HOSE AS	
I	29	4	121-8013	1	HOSE AS	
	30	4	125-0151	2	BLOCK	
	31	5	126-3721	1	BLOCK-MANIFOLD	
Y	32	1	127-5500	1	VALVE GP-STEERING	668
	33	3	127-5671	1	SHAFT AS-STEERING	
B	34	4	127-5672	1	SHIM PACK (INCLUDES 4-SHIMS)	
Y	35	4	130-1246	1	VALVE GP-PILOT (STEERING)	658
I	36	3	130-5378	1	HOSE AS	
I	37	5	133-0964	1	HOSE AS	
I	38	2	145-6117	2	HOSE AS	
	39	4	151-2823	1	ADAPTER	
	40	3	154-6524	1	CHAIN	
	41	3	187-1667	1	STRAINER (HYDRAULIC OIL)	
I	42	1	187-9720	1	HOSE AS	
I	43	1	187-9721	1	HOSE AS	
	44	2, 4	202-6555	4	BLOCK	
	45	4	224-3141	1	TUBE	
I	46	1	245-9120	1	HOSE AS	
	47	3	252-4996	1	TUBE AS	
	48	4	257-8521	1	TUBE AS	
C	49	1	296-6533	1	TUBE AS	
C	50	5	296-6534	1	TUBE AS	
	51	1	148-8311	1	ADAPTER AS	
		1	3K-0360	1	SEAL-O-RING	
		1	8T-1715	1	ADAPTER (STRAIGHT THREAD O-RING)	
	52	2	148-8318	2	CONNECTOR AS	
					(EACH INCLUDES)	
		2	6V-8634	1	CONNECTOR	
		2	6V-8397	1	SEAL-O-RING	

STEERING SYSTEM

231-8620 LINES GP-STEERING (contd.)

i02763837

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	3K-0360	1	SEAL-O-RING						
	53	3	148-8322	1	CONNECTOR AS						
		3	6V-8640	1	CONNECTOR						
		3	6V-9746	1	SEAL-O-RING						
		3	2M-9780	1	SEAL-O-RING						
	54	4,5	148-8327	2	CONNECTOR AS						
					(EACH INCLUDES)						
		4,5	6V-8637	1	CONNECTOR						
		4,5	3D-2824	1	SEAL-O-RING						
		4,5	6V-9746	1	SEAL-O-RING						
	55	4	148-8336	2	CONNECTOR AS						
					(EACH INCLUDES)						
		4	6V-8636	1	CONNECTOR						
		4	6V-8397	1	SEAL-O-RING						
		4	3J-1907	1	SEAL-O-RING						
	56	5	148-8361	1	ELBOW AS						
		5	6V-9200	1	ELBOW						
		5	6V-8397	1	SEAL-O-RING						
		5	3J-7354	1	SEAL-O-RING						
	57	2	148-8363	2	ELBOW AS						
					(EACH INCLUDES)						
		2	6V-9876	1	ELBOW						
		2	6V-8397	1	SEAL-O-RING						
		2	3K-0360	1	SEAL-O-RING						
	58	1	148-8364	1	ELBOW AS						
		1	6V-8625	1	ELBOW						
		1	6V-8398	1	SEAL-O-RING						
		1	3K-0360	1	SEAL-O-RING						
	59	2	148-8366	1	ELBOW AS						
		2	6V-8987	1	ELBOW						
		2	6V-8397	2	SEAL-O-RING						
	60	4	148-8373	1	ELBOW AS						
		4	8C-3364	1	ELBOW						
		4	7M-8485	1	SEAL-O-RING						
		4	6V-8400	1	SEAL-O-RING						
	61	2,4	148-8378	4	ELBOW AS						
					(EACH INCLUDES)						
		2,4	6V-8724	1	ELBOW						
		2,4	6V-8397	1	SEAL-O-RING						
		2,4	3J-1907	1	SEAL-O-RING						
	62	3	148-8392	1	ELBOW AS						
		3	6V-9853	1	ELBOW						
		3	6V-9746	1	SEAL-O-RING						
	63	5	148-8409	1	PLUG AS						
		5	9S-8008	1	PLUG-O-RING						
		5	3D-2824	1	SEAL-O-RING						
	64	2,3,4	150-3036	3	ELBOW AS						
					(EACH INCLUDES)						
		2,3,4	8T-1905	1	ELBOW						
		2,3,4	6V-8397	1	SEAL-O-RING						
		2,3,4	3J-1907	1	SEAL-O-RING						
	65	4	150-3065	1	ADAPTER AS						
		4	6V-0484	1	ADAPTER-O-RING						
		4	3J-1907	1	SEAL-O-RING						
	66	4	150-4037	1	TEE AS						
		4	6V-9844	1	TEE-SWIVEL						
		4	6V-8398	2	SEAL-O-RING						
	67	1	150-4044	1	CONNECTOR AS						
		1	8T-1779	1	CONNECTOR						

STEERING SYSTEM

231-8620 LINES GP-STEERING (contd.)

i02763837

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	6V-8397	1	SEAL-O-RING						
		1	3J-1907	1	SEAL-O-RING						
	68	3	153-6242	1	CONNECTOR AS						
		3	8T-0197	1	CONNECTOR						
		3	7M-8485	1	SEAL-O-RING						
		3	6V-9746	1	SEAL-O-RING						
	69	4	153-6258	1	CONNECTOR AS						
		4	8T-5050	1	CONNECTOR						
		4	6V-8398	1	SEAL-O-RING						
		4	3J-1907	1	SEAL-O-RING						
	70	4	164-5567	1	FITTING AS (QUICK DISCONNECT, MALE)						
		4	6V-3965	1	FITTING-COUPLER						
		4	3J-1907	1	SEAL-O-RING						
	71	4	164-5609	1	ELBOW AS						
		4	8T-2335	1	ELBOW						
		4	3J-1907	1	SEAL-O-RING						
	72	3	1P-4579	2	FLANGE-HALF						
	73	1,4	209-4575	4	CLAMP						
	74	4	216-1649	2	CLAMP						
	75	5	220-3246	2	CLAMP						
	76	5	3J-7354	1	SEAL-O-RING						
	77	1	4D-7388	1	CLIP						
	78	1,4,5	4J-0520	7	SEAL-O-RING						
	79	1	4J-0524	1	SEAL-O-RING						
	80	1,4,5	4J-5267	6	SEAL-O-RING						
	81	4	4S-4455	2	CLIP						
	82	4	6J-2680	1	SEAL-O-RING						
	83	3	6V-0357	1	SEAL-O-RING						
	84	3	6V-0400	2	FLANGE-HALF						
	85	2	6V-5185	1	CLIP (SLOT)						
	86	2	6V-5186	1	CLIP (TAB)						
	87	3	6V-5386	1	CLIP						
	88	2	6V-9168	1	NUT (11/16-16-THD)						
	89	1	6V-9746	1	SEAL-O-RING						
M	90	4	7X-2538	2	BOLT (M8X1.25X100-MM)						
M	91	2	7X-2544	2	BOLT (M10X1.5X104-MM)						
	92	4	8B-0544	1	SPACER (1-IN THK)						
	93	4,5	8C-3205	12	FLANGE-HALF						
	94	5	8C-3206	12	FLANGE-HALF						
	95	3	8D-9671	1	CLIP						
	96	2,5	8M-2773	4	CLIP						
	97	1,2,3,4,5	8T-4121	80	WASHER-HARD (11X21X2.5-MM THK)						
M	98	1,2,3	8T-4133	10	NUT (M10X1.5-THD)						
M	99	5	8T-4136	1	BOLT (M10X1.5X25-MM)						
M	100	1,2	8T-4137	6	BOLT (M10X1.5X20-MM)						
M	101	5	8T-4172	4	BOLT (M10X1.5X80-MM)						
M	102	4	8T-4178	2	BOLT (M10X1.5X90-MM)						
M	103	4	8T-4183	2	BOLT (M12X1.75X40-MM)						
M	104	3	8T-4184	4	BOLT (M12X1.75X45-MM)						
M	105	3	8T-4186	1	BOLT (M10X1.5X40-MM)						
M	106	3,4	8T-4194	8	BOLT (M12X1.75X50-MM)						
M	107	2	8T-4195	1	BOLT (M10X1.5X30-MM)						
M	108	1,3,4,5	8T-4196	47	BOLT (M10X1.5X35-MM)						
	109	3,4	8T-4223	18	WASHER-HARD (13.5X25.5X3-MM THK)						
	110	4	8T-4224	2	WASHER-HARD (8.8X16X2-MM THK)						
M	111	2	8T-5005	2	BOLT (M10X1.5X70-MM)						
M	112	2	8T-5436	1	BOLT (M10X1.5X130-MM)						
M	113	2,4	8T-6466	7	BOLT (M10X1.5X60-MM)						
M	114	1	8T-6685	4	BOLT (M10X1.5X110-MM)						

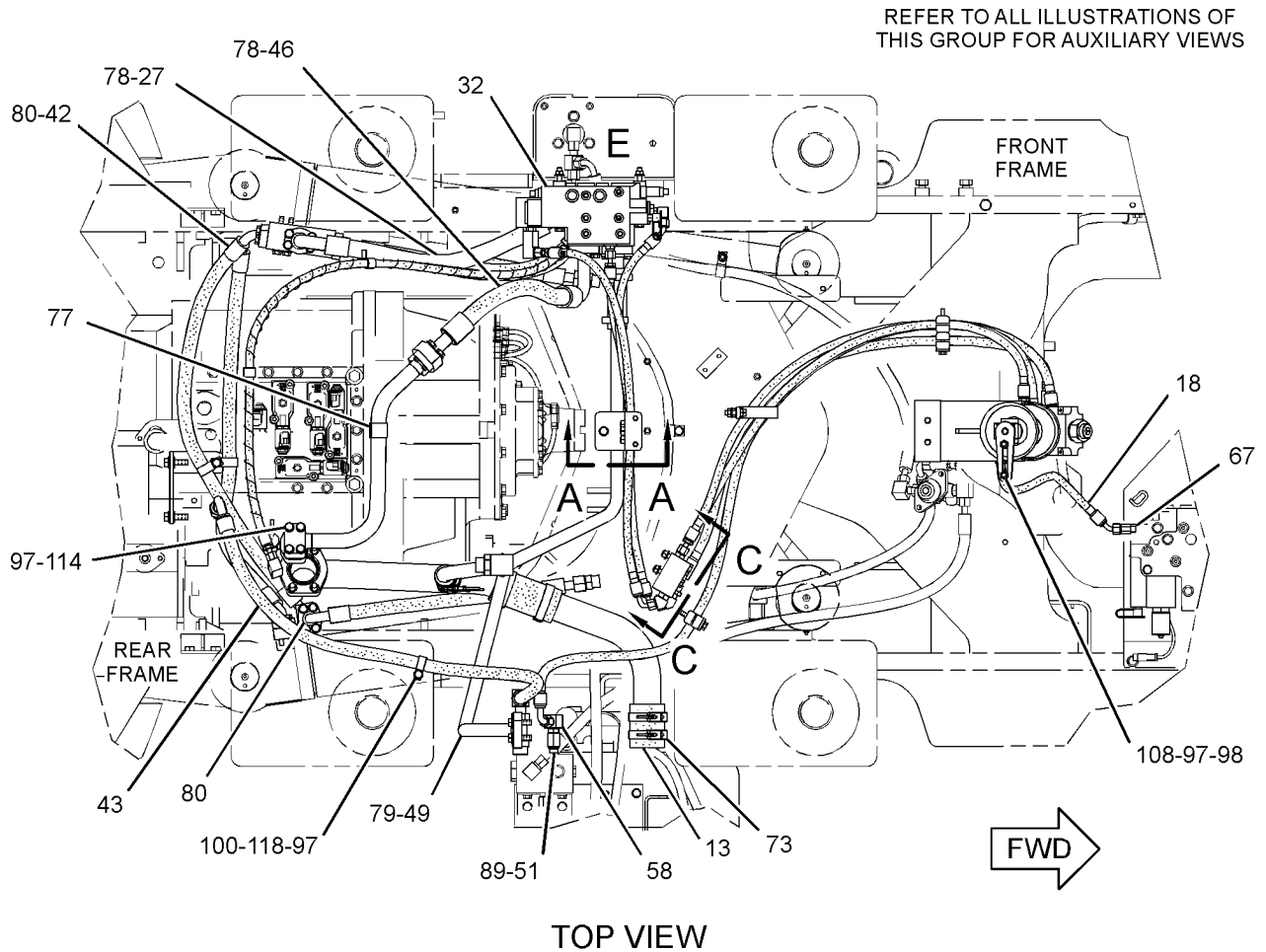
STEERING SYSTEM

231-8620 LINES GP-STEERING (contd.)

i02763837

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	115	5	8T-7934	4	WASHER-HARD (11X21X5-MM THK)						
	116	4	8T-8919	2	BOLT (1/2-13X1.75-IN)						
	117	2, 4	8Y-8388	2	PLATE						
	118	1	9M-4972	1	CLIP						
E	119	3	206-2733		GUARD-HOSE (40-CM)						
E	119A	3	206-2733		GUARD-HOSE (52.5-CM)						
E	119B	3	206-2733		GUARD-HOSE (57.5-CM)						

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



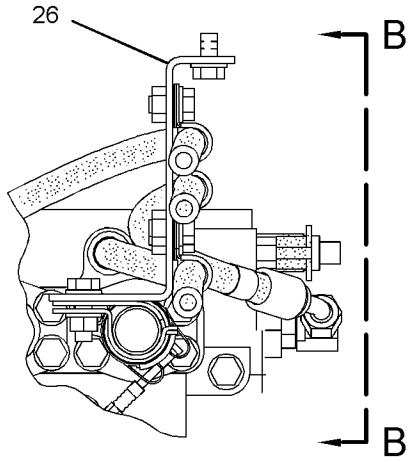
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g01378028

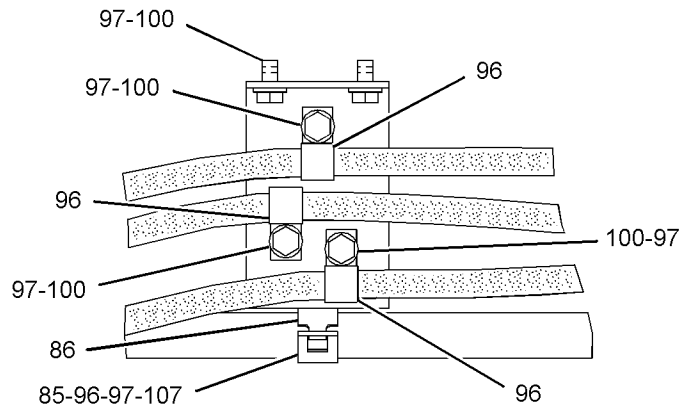
STEERING SYSTEM

231-8620 LINES GP-STEERING (contd.)

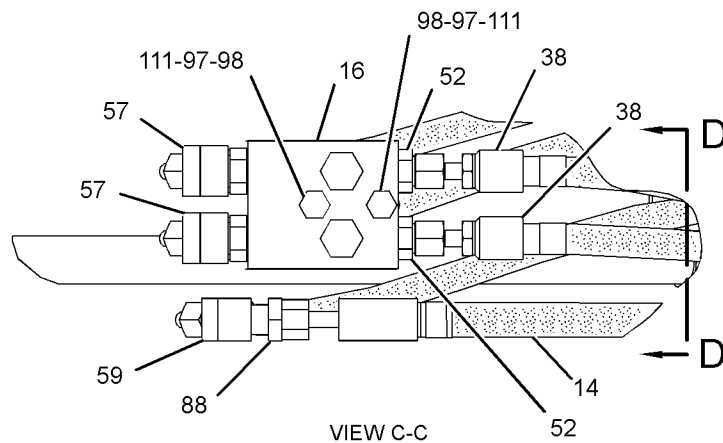
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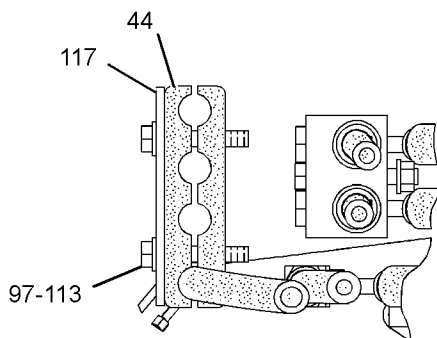
SECTION A-A



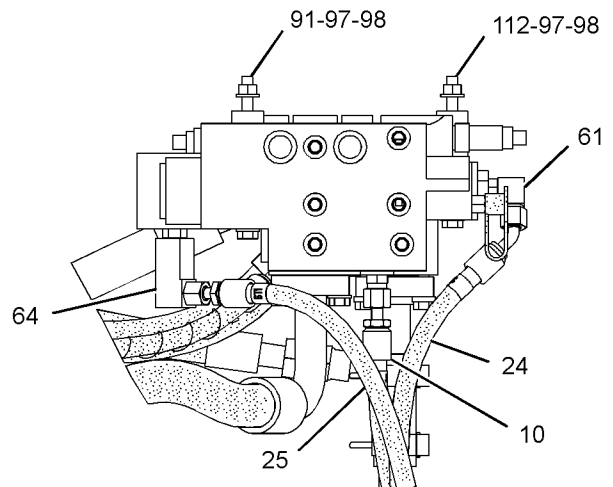
VIEW B-B



VIEW C-C



SECTION D-D



VIEW OF AREA E

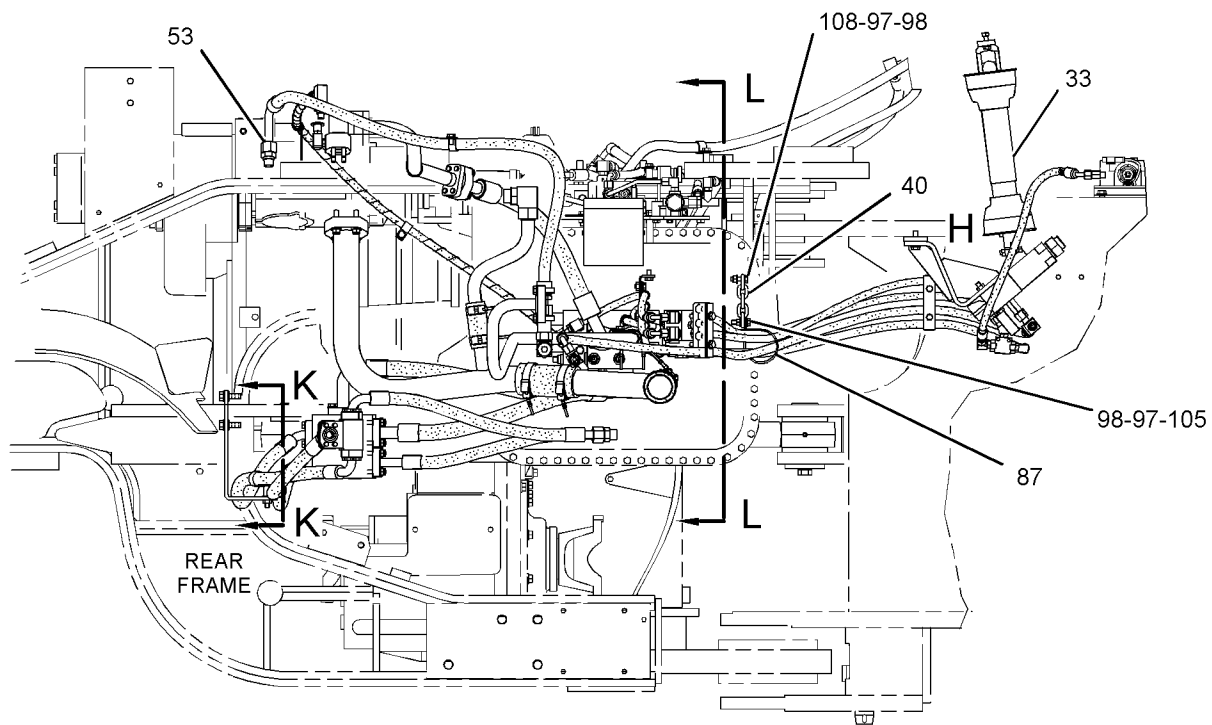
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STEERING SYSTEM

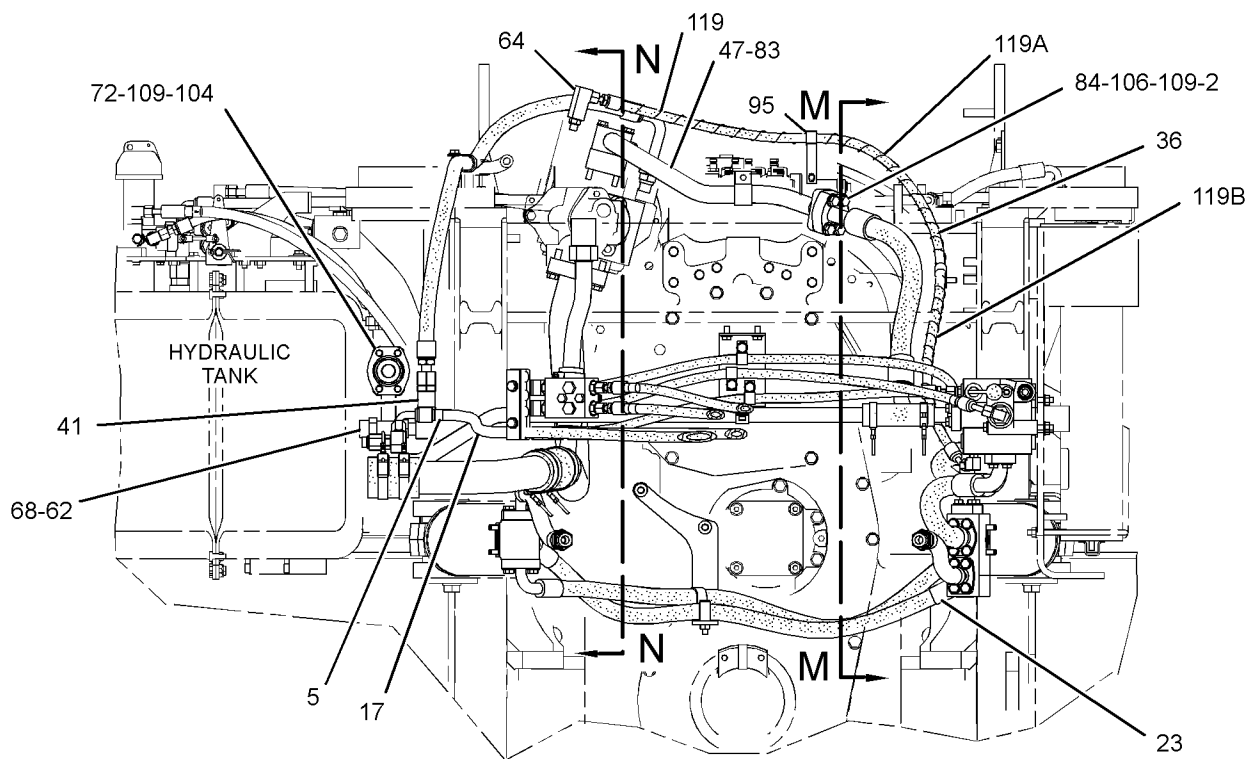
231-8620 LINES GP-STEERING (contd.)

i02763837



RIGHT SIDE VIEW

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



SECTION L-L

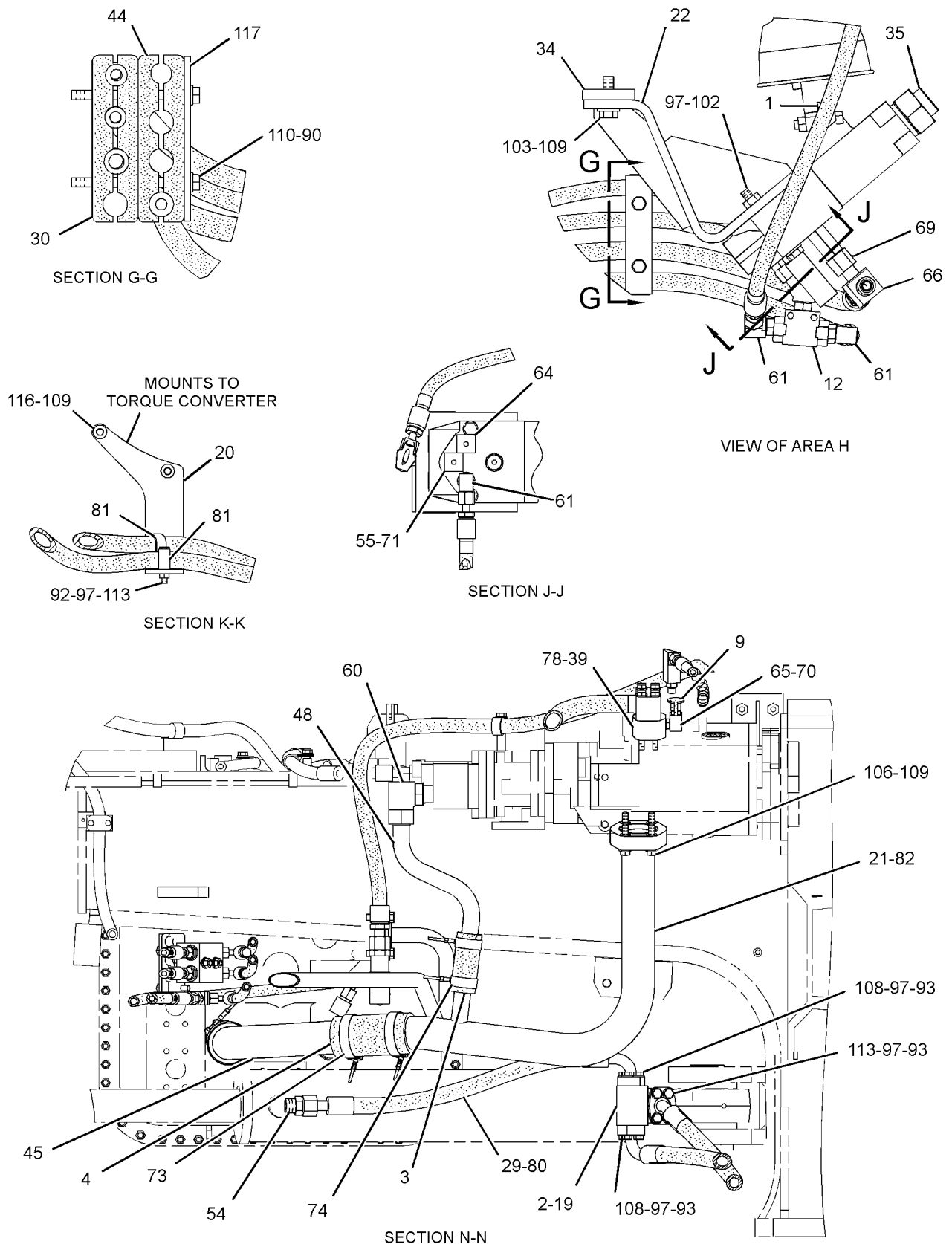
GRAPHIC #3

g01378909

STEERING SYSTEM

231-8620 LINES GP-STEERING (contd.)

i02763837



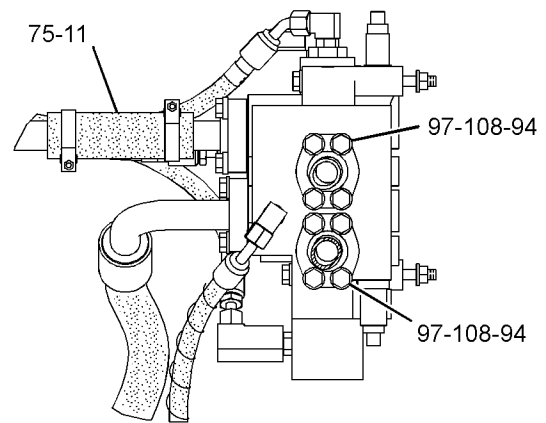
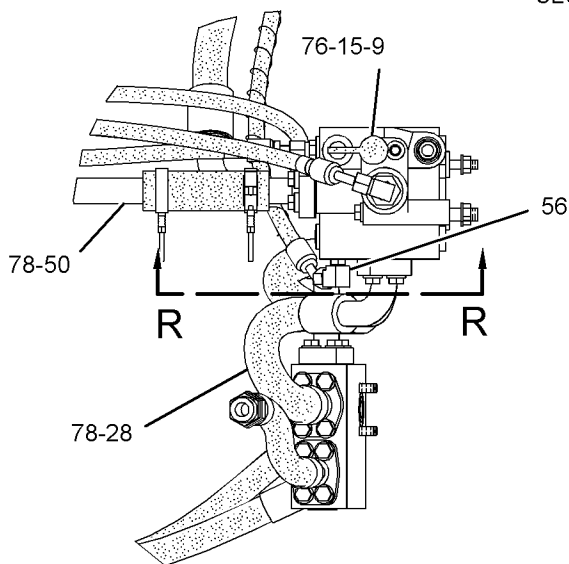
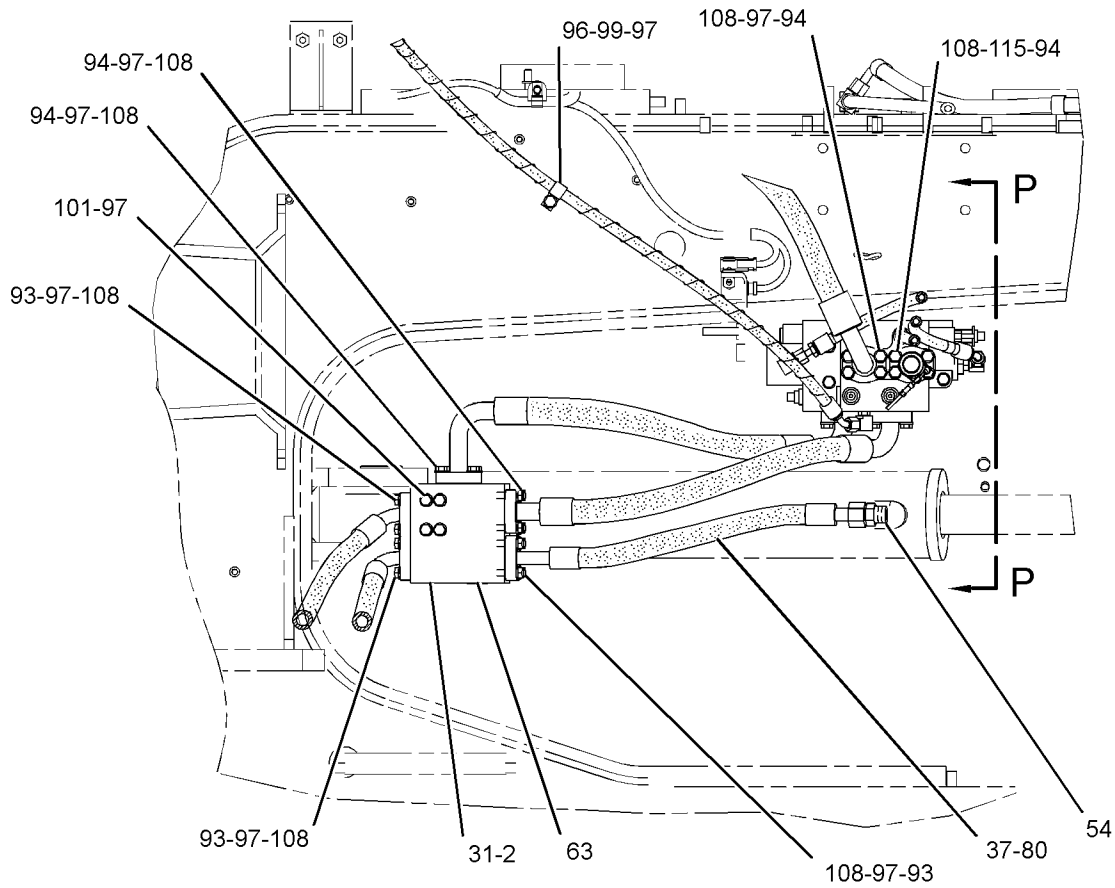
GRAPHIC #4

g01378031

STEERING SYSTEM

231-8620 LINES GP-STEERING (contd.)

i02763837



GRAPHIC #5

<END>

g01378032

STEERING SYSTEM

115-7669 PUMP & MTG GP-SECONDARY STEER

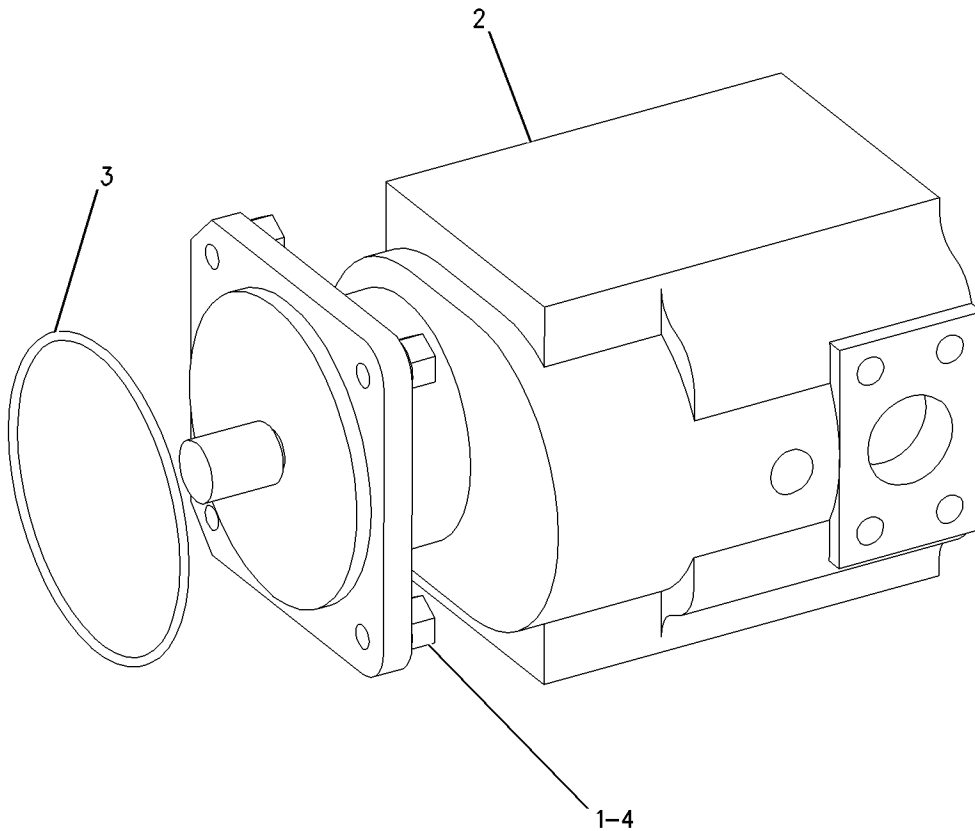
S/N: ASX1-UP

PART OF 199-5529 STEERING AR-SECONDARY
AN ATTACHMENT

SMCS-4324

i02617239

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	6V-8188	4	NUT (1/2-13-THD)	
Y	2	1	150-7585	1	PUMP GP-GEAR (SECONDARY STEERING)	640
	3	1	5F-3106	1	SEAL-O-RING	
	4	1	7X-3392	4	WASHER-HARD (13.5X22.5X3-MM THK)	
Y-SEPARATE ILLUSTRATION						



GRAPHIC #1

<END>

g00851691

STEERING SYSTEM

231-8630 PUMP & MTG GP-STEERING & TMSN- INCLUDES PILOT, BRAKE PUMP

S/N: ASX1-UP

PART OF 226-9597, 302-1353 HYDRAULIC AR

SMCS-3066, 4014, 4306

i02258814

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	8M-4395	1	SEAL-O-RING	
	2	1	100-6241	1	COUPLING-SHAFT	
YR	3	1	105-3635	1	PUMP GP-PISTON (STEERING)	642
Y	4	1	235-6501	1	PUMP GP-GEAR (PILOT, BRAKE)	716
	5	1	114-9222	1	COUPLING-SHAFT	
	6	1	115-9890	1	ADAPTER AS-PUMP	
		1	1H-0974	2	DOWEL	
Y	7	1	117-9611	1	PUMP GP-TRANSMISSION	449
	8	1	231-8629	1	BRACKET	
M	9	1	101-7404	2	BOLT-SOCKET HEAD (M10X1.5X30-MM)	
	10	1	3K-0715	1	SEAL-O-RING	
	11	1	5F-3106	1	SEAL-O-RING	
	12	1	8C-3089	1	SEAL-O-RING	
	13	1	8T-4121	5	WASHER-HARD (11X21X2.5-MM THK)	
	14	1	8T-4122	2	WASHER-HARD (17X32X3.5-MM THK)	
M	15	1	8T-4139	6	BOLT (M12X1.75X30-MM)	
M	16	1	8T-4185	1	BOLT (M10X1.5X50-MM)	
M	17	1	8T-4193	1	BOLT (M16X2X50-MM)	
M	18	1	8T-4195	2	BOLT (M10X1.5X30-MM)	
	19	1	8T-4223	6	WASHER-HARD (13.5X25.5X3-MM THK)	
	20	1	8T-9393	2	BOLT (5/8-11X1.5-IN)	
	21	1	9X-8257	1	WASHER (17.5X30X3.5-MM THK)	

M-METRIC PART

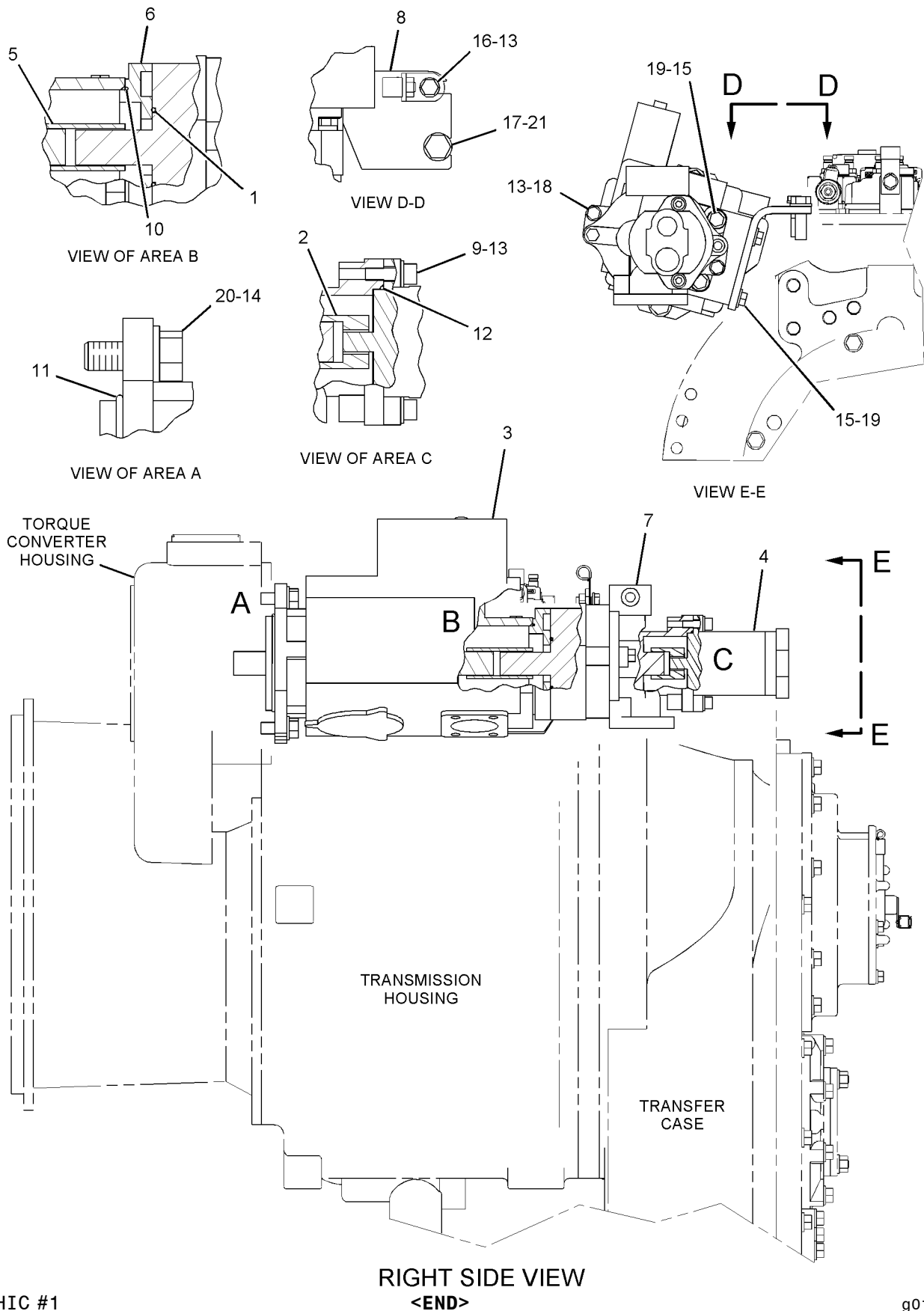
R-REMFG PART MAY BE AVAILABLE

Y-SEPARATE ILLUSTRATION

STEERING SYSTEM

231-8630 PUMP & MTG GP-STEERING & TMSN (contd.)

i02258814



GRAPHIC #1

RIGHT SIDE VIEW
<END>

g01105704

STEERING SYSTEM

150-7585 PUMP GP-GEAR-SECONDARY STEERING

S/N: ASX1-UP

PART OF 115-7669 PUMP & MTG GP-SECONDARY STEER
AN ATTACHMENT

SMCS-4268, 4306, 5073

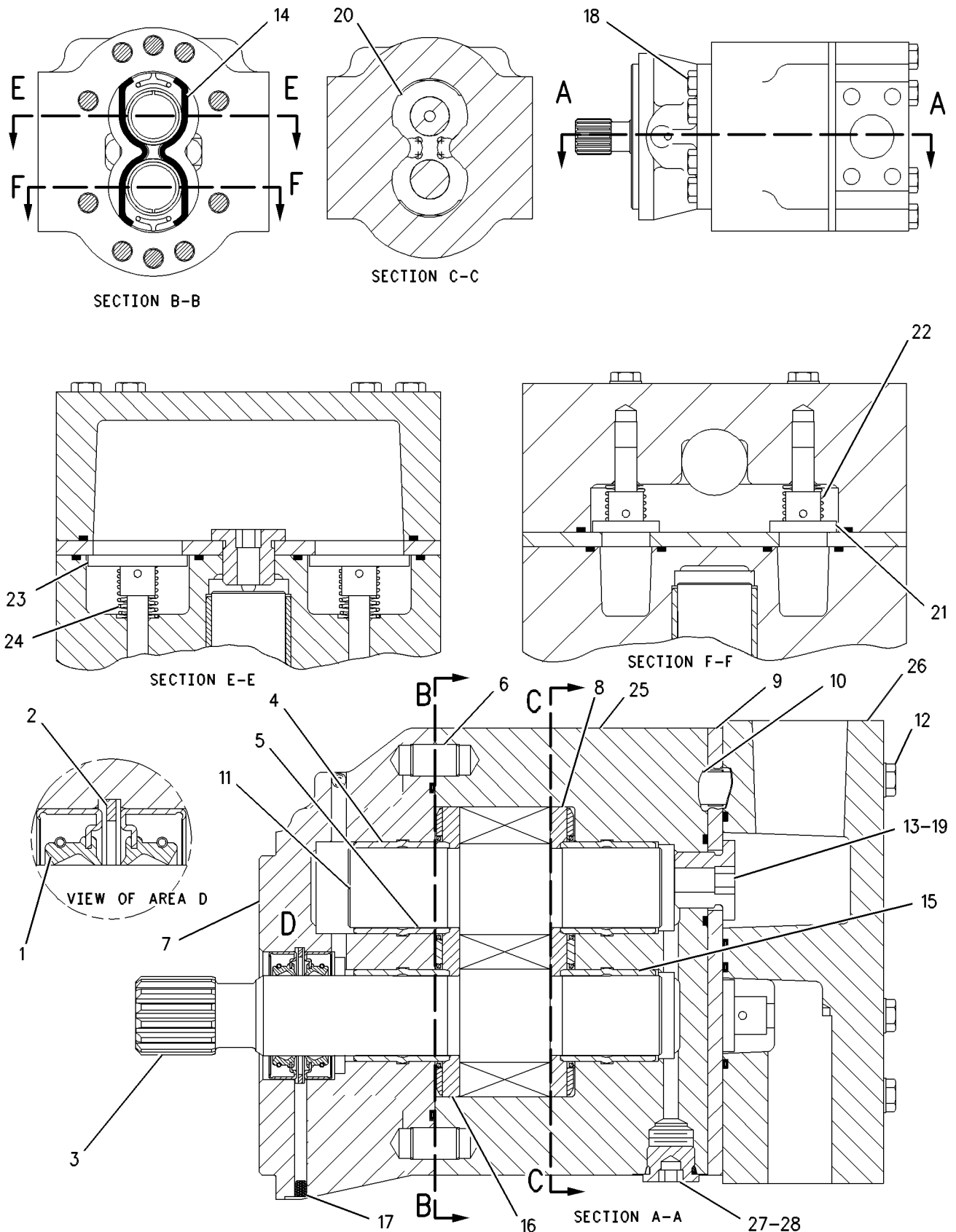
i00799544

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
J	1	1	139-3213	2	SEAL						
J	2	1	008-3214	1	RING-RETAINING (INTERNAL)						
	3	1	9T-1258	1	SHAFT-DRIVE						
	4	1	4T-9300	1	BUSHING-TERMINAL						
	5	1	4T-9301	1	BUSHING-TERMINAL						
	6	1	6J-2386	2	DOWEL						
	7	1	153-6480	1	FLANGE AS						
	8	1	107-2884	2	PLATE-ISOLATION						
	9	1	142-2133	1	SPACER						
	10	1	107-2886	2	SPACER						
	11	1	4T-8761	1	GEAR-IDLER						
	12	1	1B-2886	6	BOLT (1/2-13X3.75-IN)						
	13	1	142-2137	1	PLUG						
J	14	1	077-3790	4	SEAL						
	15	1	4T-9298	2	BUSHING-TERMINAL						
	16	1	077-4643	2	PLATE-ISOLATION						
J	17	1	6E-2943	1	PLUG						
	18	1	0S-1595	8	BOLT (1/2-13X1.25-IN)						
J	19	1	9X-7722	1	SEAL-O-RING						
	20	1	6R-3966	2	PLATE-PRESSURE						
	21	1	107-2891	2	PISTON						
	22	1	107-2893	2	SPRING						
	23	1	107-2887	2	PISTON						
	24	1	107-2888	2	SPRING						
	25	1	153-6479	1	BODY AS						
	26	1	107-2890	1	BODY-VALVE						
	27	1	9S-8005	1	PLUG-O RING						
	28	1	033-6042	1	SEAL-O-RING						
AVAILABLE REPAIR KIT(S) :											
J			153-6481	1	KIT-SEAL						
J-KIT MARKED J INCLUDES PART(S) MARKED J											

STEERING SYSTEM

150-7585 PUMP GP - GEAR (contd.)

i00799544



GRAPHIC #1

<END>

g00374794

STEERING SYSTEM

105-3635 PUMP GP-PISTON-STEERING*R

S/N: ASX1-UP

PART OF 231-8630 PUMP & MTG GP-STEERING & TMSN

SMCS-4268, 4306, 5070

i02275067

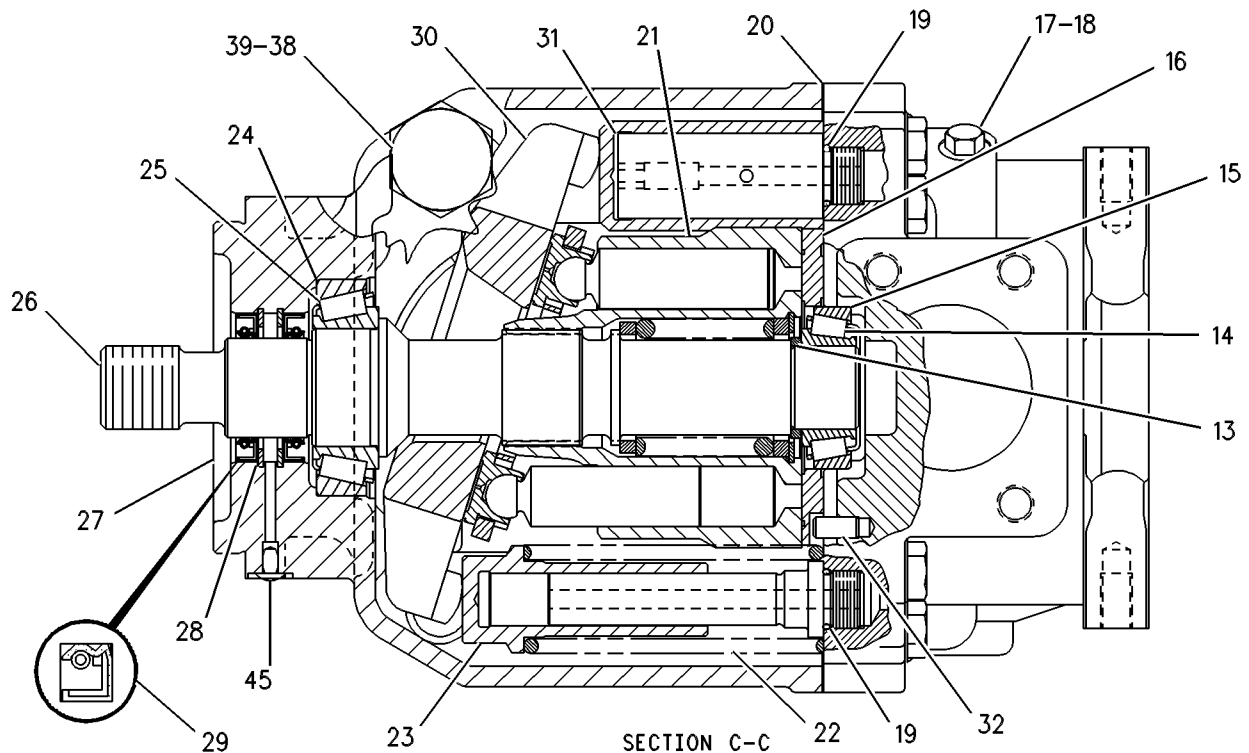
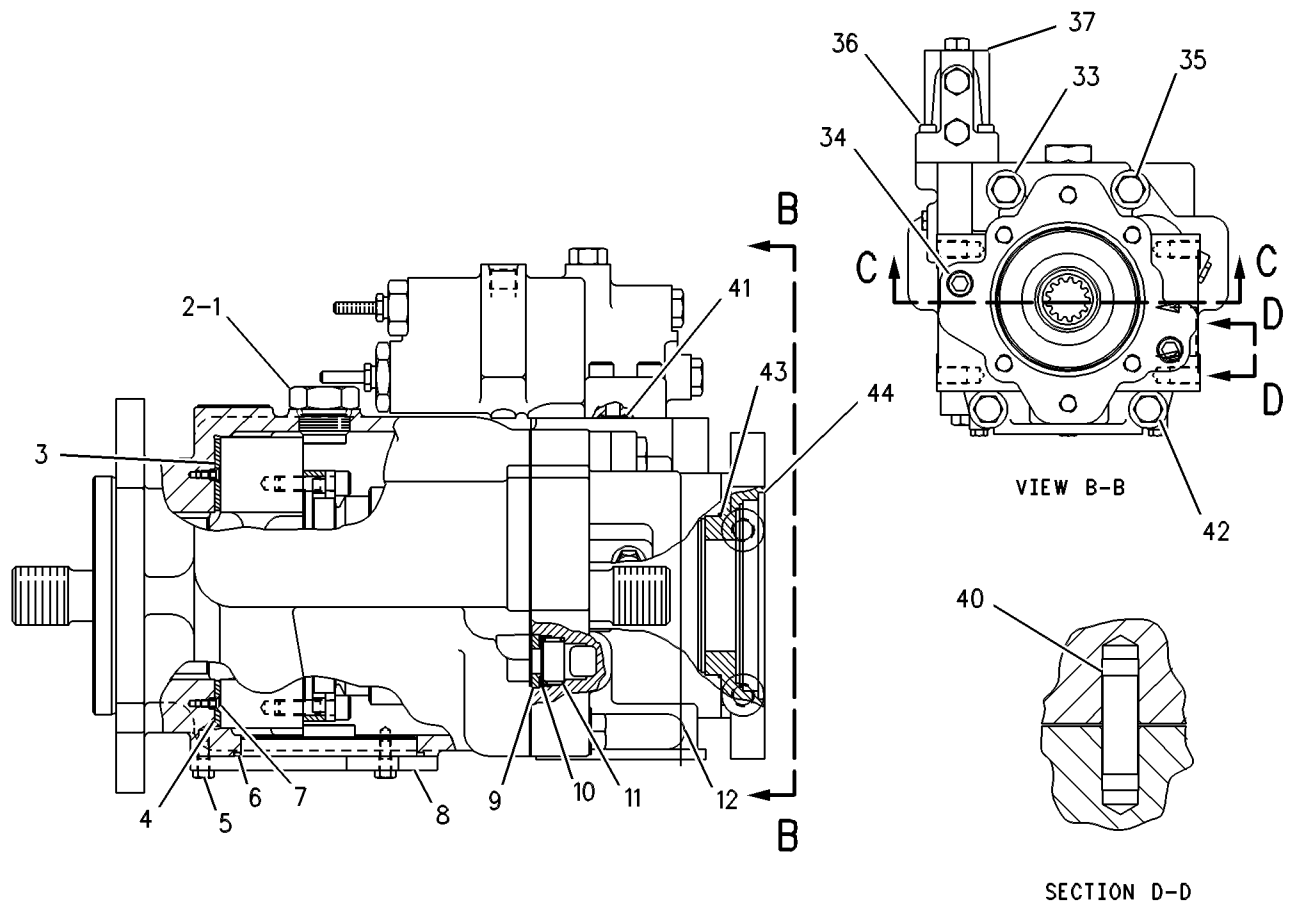
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6E-4224	1	PLUG-SWASHPLATE						
	2	1	033-6036	1	SEAL-O-RING						
	3	1	100-3402	1	BEARING-SWASH						
	4	1	100-3405	1	BEARING-SWASH						
M	5	1	6V-8837	3	BOLT (M6X1X16-MM)						
	6	1	4F-4097	1	SEAL-O-RING						
M	7	1	3E-4302	2	SCREW-FLAT HEAD (M4X0.7X10-MM)						
	8	1	100-3404	1	COVER-TRUNNION						
	9	1	9T-1636	1	SEAT						
	10	1	9T-1710	1	POPPET						
	11	1	9T-1699	1	SPRING						
	12	1	119-6224	1	HEAD-PUMP						
B	13	1	6E-1436	1	SHIM PACK (INCLUDES 17-SHIMS)						
	14	1	6Y-4280	1	CONE-BEARING						
	15	1	7T-9755	1	CUP-BEARING						
	16	1	9T-9460	1	PLATE-VALVE						
	17	1	3E-7417	3	PLUG						
	18	1	8T-7876	3	SEAL-O-RING						
	19	1	7L-9061	2	SEAL-O-RING						
	20	1	100-3413	1	GASKET						
Y	21	1	100-3412	1	ROTATING GP-PUMP						644
	22	1	100-3409	1	SPRING-BIAS						
	23	1	100-3408	1	KIT-BIAS PISTON						
	24	1	002-1212	1	CUP-BEARING						
	25	1	2F-8509	1	CONE-BEARING						
	26	1	119-6237	1	SHAFT-PUMP						
	27	1	122-0563	1	HOUSING-PUMP						
	28	1	006-8663	2	RING						
	29	1	8T-4750	2	SEAL-LIP TYPE						
Y	30	1	100-3416	1	SWASHPLATE GP						652
	31	1	100-3415	1	KIT-CONTROL PISTON						
	32	1	9T-1652	1	PIN						
M	33	1	8T-0372	1	BOLT (M12X1.75X90-MM)						
M	34	1	8T-8441	2	BOLT-SOCKET HEAD (M12X1.75X25-MM)						
M	35	1	6V-8336	1	BOLT (M12X1.75X70-MM)						
M	36	1	6V-8337	4	BOLT-SOCKET HEAD (M8X1.25X35-MM)						
Y	37	1	119-6238	1	VALVE GP-PUMP CONTROL (PRESSURE, FLOW COMPENSATOR)						661
	38	1	9S-4190	1	PLUG-O-RING						
	39	1	033-6027	1	SEAL-O-RING						
	40	1	095-0888	2	PIN-SPRING						
	41	1	8T-5039	3	SEAL-O-RING						
M	42	1	6V-7673	4	BOLT (M12X1.75X50-MM)						
	43	1	8C-3089	1	SEAL-O-RING						
	44	1	114-9110	1	ADAPTER-DRIVE						
	45	1	6E-2943	1	PLUG						

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

STEERING SYSTEM

105-3635 PUMP GP-PISTON (contd.)

i02275067



GRAPHIC #1

<END>

g00121744

STEERING SYSTEM

100-3412 ROTATING GP - PUMP-STEERING

S/N: ASX1-UP

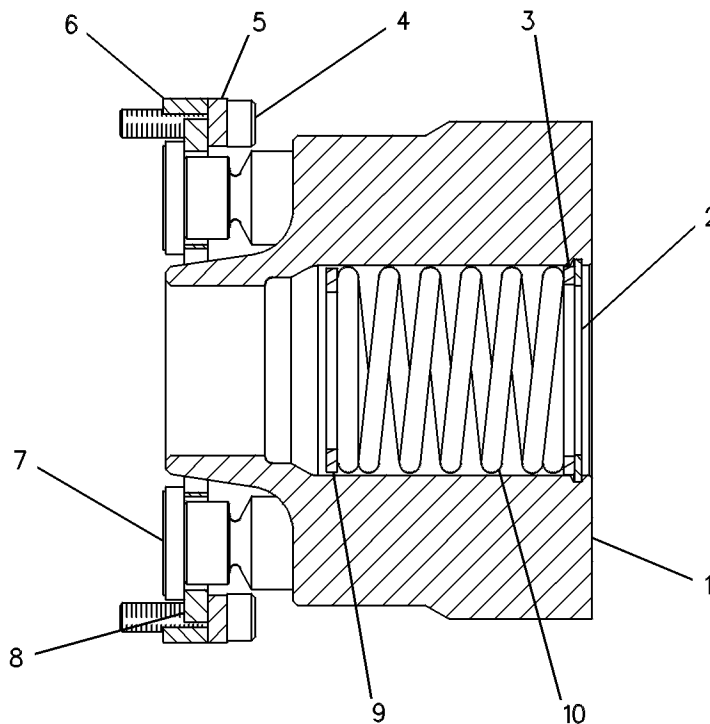
PART OF 105-3635 PUMP GP-PISTON

SMCS-5070

i00107545

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9T-7774	1	BARREL						
	2	1	3J-8500	1	RING-RETAINING						
	3	1	9T-7769	1	GUIDE-OUTER						
M	4	1	6V-5192	4	BOLT-SOCKET HEAD (M8X1.25X30-MM)						
	5	1	100-3410	2	PLATE						
	6	1	100-3411	2	PLATE-SPACER						
	7	1	9T-7765	9	PISTON						
	8	1	9T-7767	1	PLATE-RETRACTION						
	9	1	9T-7773	1	GUIDE-INNER						
	10	1	9T-7771	1	SPRING						

M-METRIC PART



GRAPHIC #1

<END>

g00084780

STEERING SYSTEM

199 - 5529 STEERING AR - SECONDARY

S/N: ASX1-UP
AN ATTACHMENT

SMCS - 4300

i01445632

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	123-7310	1	LINES GP-SECONDARY STEERING						611
Y	115-7669	1	PUMP & MTG GP-SECONDARY STEER						637
Y	183-9234	1	WIRING GP-SECONDARY STEERING						400
Y-SEPARATE ILLUSTRATION									

<END>

STEERING SYSTEM

112-9713 STEERING COLUMN GP

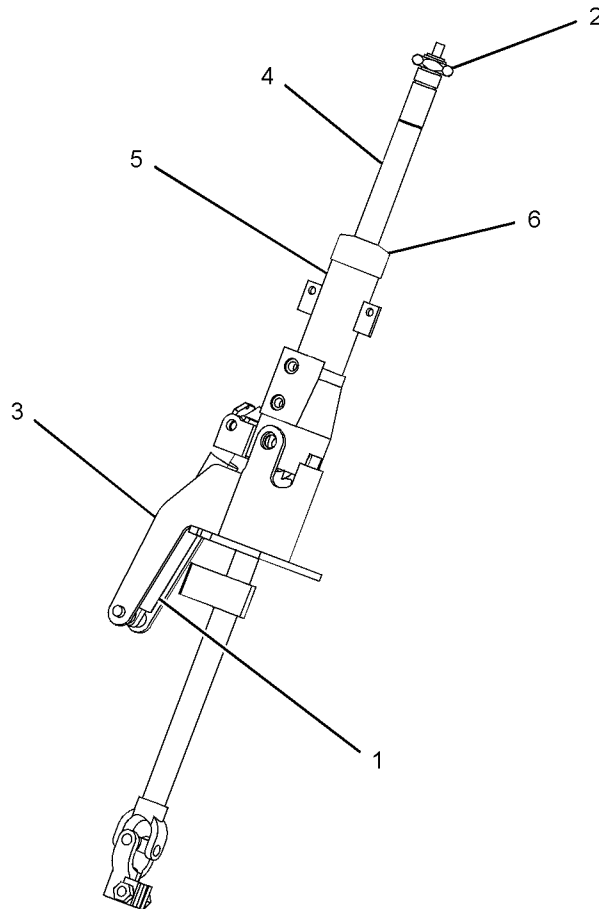
S/N: ASX1-UP

PART OF 112-9704 CONTROL GP-STEERING

SMCS-4310

i02279467

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	145-8867	1	KIT-GAS ASSIST (INCLUDES DOWEL PINS, SPRINGS, SCREWS, AND SHAFT PROTECTOR TOOL)						
	2	1	149-2906	1	KIT-NUT						
	3	1	149-2907	1	KIT-TILT LEVER						
	4	1	149-0773	1	KIT-SHAFT (INCLUDES LOCK WASHER, BOLT, NUTS, RETAINER RINGS, AND SHAFT PROTECTOR)						
	5	1	149-0774	1	KIT-HOUSING (INCLUDES DOWEL, O-RING, NUT, SCREWS, AND RETAINING RINGS)						
	6	1	254-1519	1	COVER						



GRAPHIC #1

<END>

g01101883

STEERING SYSTEM

224-9921 STEERING COLUMN GP-ADJUSTABLE-TILT

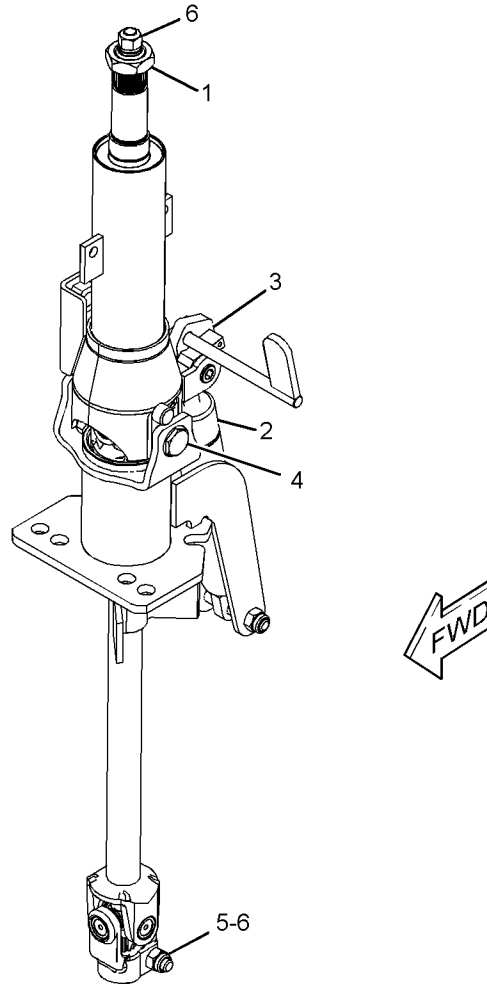
S/N: ASX1-UP

PART OF 224-9920 CONTROL GP-STEERING

SMCS-4338

i02554447

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	6V-8227	1	NUT (M18X1.5-6-THD)						
	2	1	271-9108	1	KIT-GAS STRUT (INCLUDES GAS STRUT, PIN AND RETAINING RINGS)						
	3	1	271-9109	1	KIT-TILT LEVER (INCLUDES BOLTS, DOWEL, SPRING AND TILT LEVER)						
	4	1	271-9110	1	KIT-PIVOT (INCLUDES PIVOT BUSHINGS AND PIVOT PINS)						
M	5	1	6V-5219	1	BOLT (M8X1.25X40-MM)						
M	6	1	8T-7963	2	LOCKNUT (M8X1.25-THD)						
M-METRIC PART											



GRAPHIC #1

<END>

g01278911

STEERING SYSTEM

123-7406 STEERING WHEEL GP

S/N: ASX1-UP

PART OF 112-9704 CONTROL GP-STEERING
TYPE 1

SMCS-3171, 4309

i02761680

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	112-9705	1	WHEEL						
	2	1	112-9714	1	INSERT-SPLINED						
	4	1	118-2943	1	HARNESS AS-STEERING (COLUMN, WHEEL)						
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
	5	1	2V-3216	1	CLIP						
C	6	1	8T-4205	1	WASHER-HARD (7.2X14.5X2-MM THK)						
M	7	1	6V-5683	1	BOLT (M6X1X16-MM)						
Y	8	1	251-9350	1	SWITCH GP-TRANSMISSION						305
C	9	1	112-9707	1	COVER-BACK						
M	10	1	153-8003	1	BOLT-SOCKET HEAD (M4X0.7X30-MM)						
M	11	1	153-8002	1	BOLT-SOCKET HEAD (M4X0.7X25-MM)						
M	12	1	107-3786	2	BOLT (M4X0.7X12-MM)						
	13	1	166-7389	1	COVER						
M	14	1	153-8004	3	BOLT-SOCKET HEAD (M4X0.7X35-MM)						
M	15	1	153-8001	1	BOLT-SOCKET HEAD						
	16	1	2T-3360	1	BUTTON AS-HORN						
	17	1	112-9715	1	LEVER						
M	19	1	153-9301	2	BOLT-SOCKET HEAD (M4X0.7X10-MM)						

C-CHANGE FROM PREVIOUS TYPE

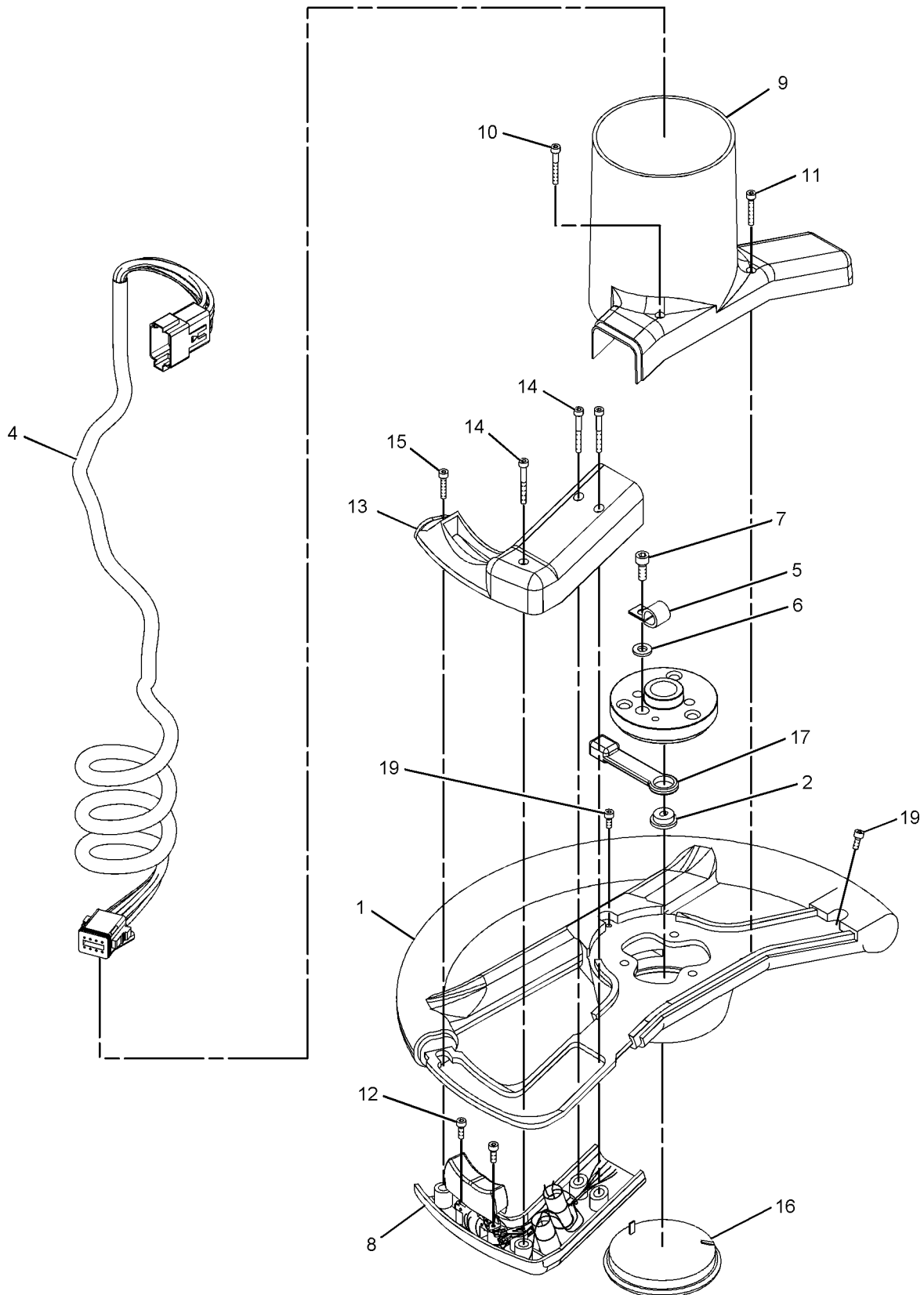
M-METRIC PART

Y-SEPARATE ILLUSTRATION

STEERING SYSTEM

123-7406 STEERING WHEEL GP (contd.)

i02761680



GRAPHIC #1

<END>

g01102271

STEERING SYSTEM

123-7406 STEERING WHEEL GP

S/N: ASX1-UP

PART OF 112-9704 CONTROL GP-STEERING
TYPE 2

SMCS-3171, 4309

i02738551

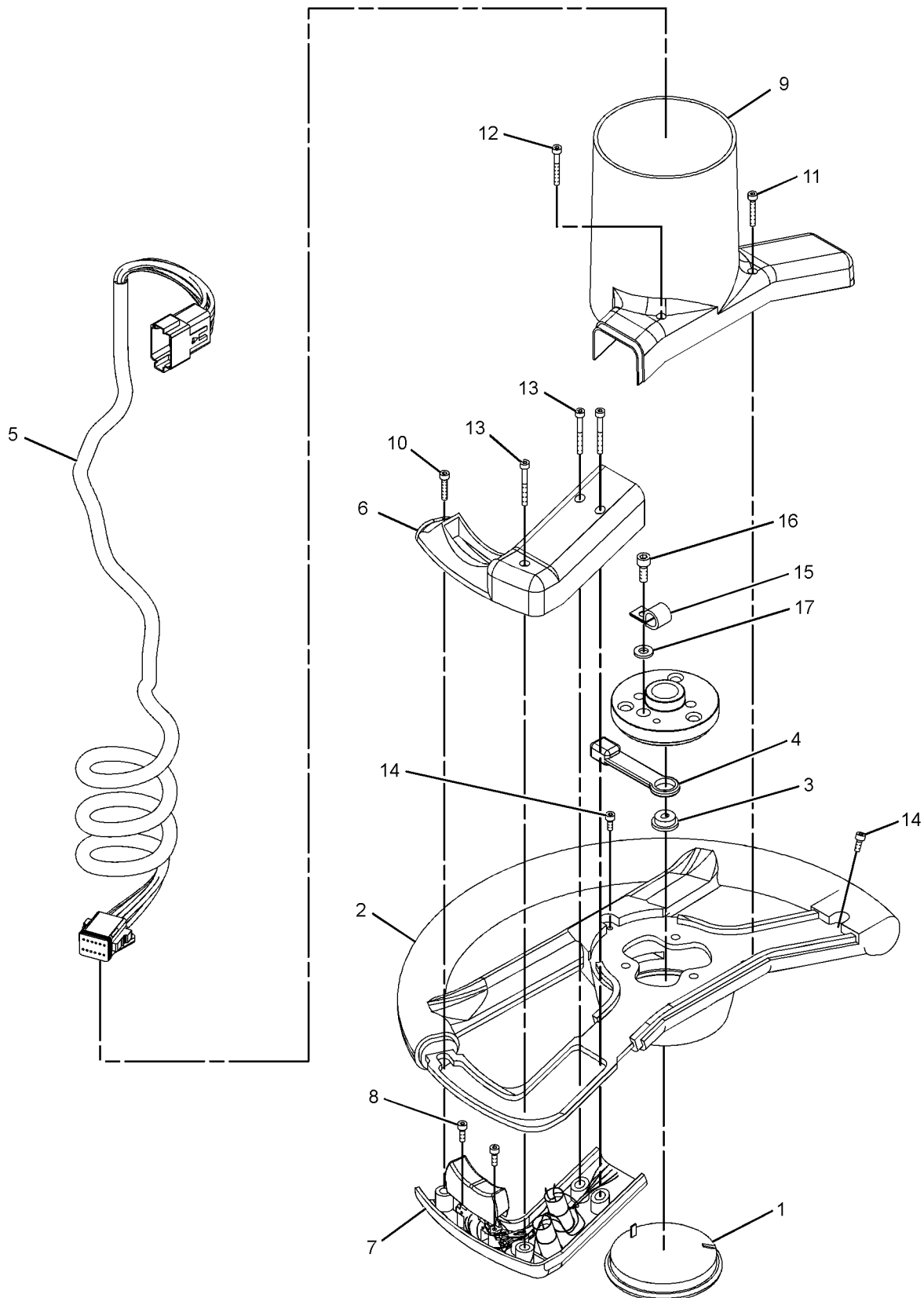
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2T-3360	1	BUTTON AS-HORN						
	2	1	112-9705	1	WHEEL						
	3	1	112-9714	1	INSERT-SPLINED						
	4	1	112-9715	1	LEVER						
C	5	1	283-3367	1	HARNESS AS-STEERING (COLUMN, WHEEL)						
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		1	155-2265	1	KIT-CONNECTING PLUG (8-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
	6	1	166-7389	1	COVER						
Y	7	1	251-9350	1	SWITCH GP-TRANSMISSION						305
M	8	1	107-3786	2	BOLT (M4X0.7X12-MM)						
	9	1	112-9707	1	COVER-BACK						
M	10	1	153-8001	1	BOLT-SOCKET HEAD						
M	11	1	153-8002	1	BOLT-SOCKET HEAD (M4X0.7X25-MM)						
M	12	1	153-8003	1	BOLT-SOCKET HEAD (M4X0.7X30-MM)						
M	13	1	153-8004	3	BOLT-SOCKET HEAD (M4X0.7X35-MM)						
M	14	1	153-9301	2	BOLT-SOCKET HEAD (M4X0.7X10-MM)						
	15	1	2V-3216	1	CLIP						
M	16	1	6V-5683	1	BOLT (M6X1X16-MM)						
	17	1	8T-4205	1	WASHER-HARD (7.2X14.5X2-MM THK)						

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

STEERING SYSTEM

123 - 7406 STEERING WHEEL GP (contd.)

i02738551



GRAPHIC #1

<END>

g01346901

STEERING SYSTEM

100-3416 SWASHPLATE GP

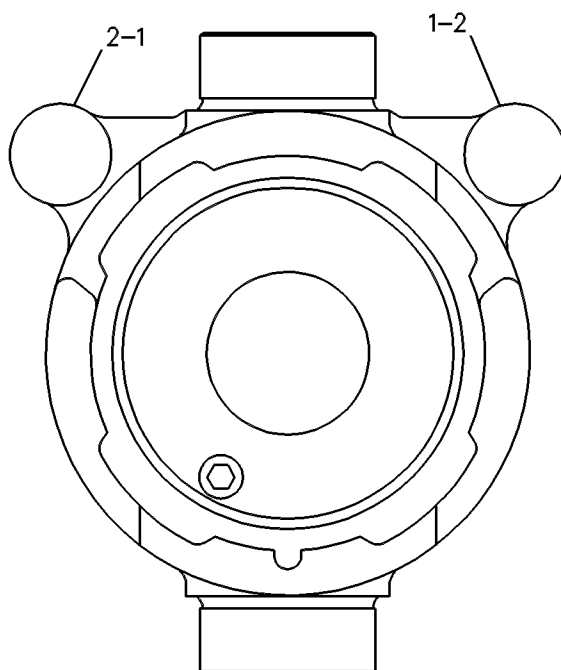
S/N: ASX1-UP

PART OF 105-3635 PUMP GP-PISTON

SMCS-5070

i00107546

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	139-0532	2	BLOCK-STOP						
	2	1	8F-7219	2	SEAL-O-RING						



GRAPHIC #1

<END>

g00088794

STEERING SYSTEM

111-7775 VALVE GP-CHECK-STEERING QUAD

S/N: ASX1-UP

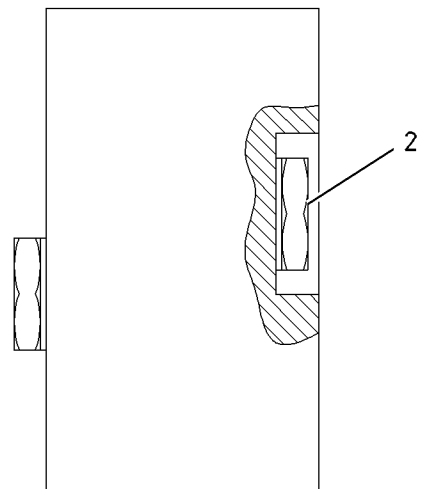
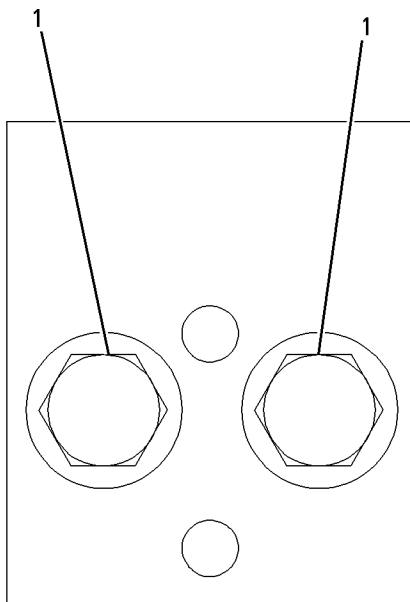
PART OF 231-8620 LINES GP-STEERING

SMCS-4275, 5067

i01432551

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	176-9369	2	VALVE GP-CHECK (STEERING)	654
Y	2	1	176-9371	2	VALVE GP-CHECK (STEERING)	655

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00707411

STEERING SYSTEM

176-9369 VALVE GP-CHECK-STEERING

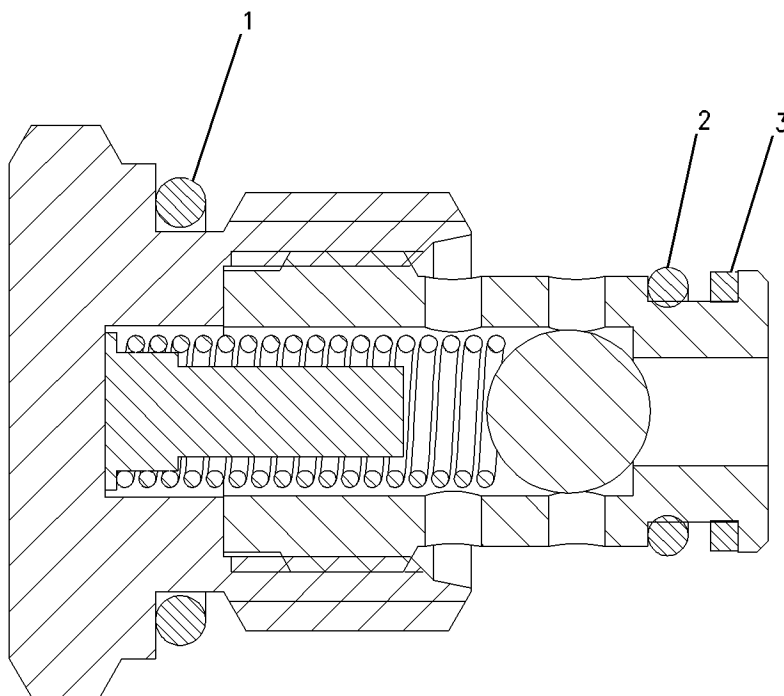
S/N: ASX1-UP

PART OF 111-7775 VALVE GP-CHECK

SMCS-4275, 5067

i01432567

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3K-0360	1	SEAL-O-RING						
	2	1	161-6154	1	SEAL-O-RING						
	3	1	6E-0381	1	RING-BACKUP						



GRAPHIC #1

<END>

g00707403

STEERING SYSTEM

176-9371 VALVE GP-CHECK-STEERING

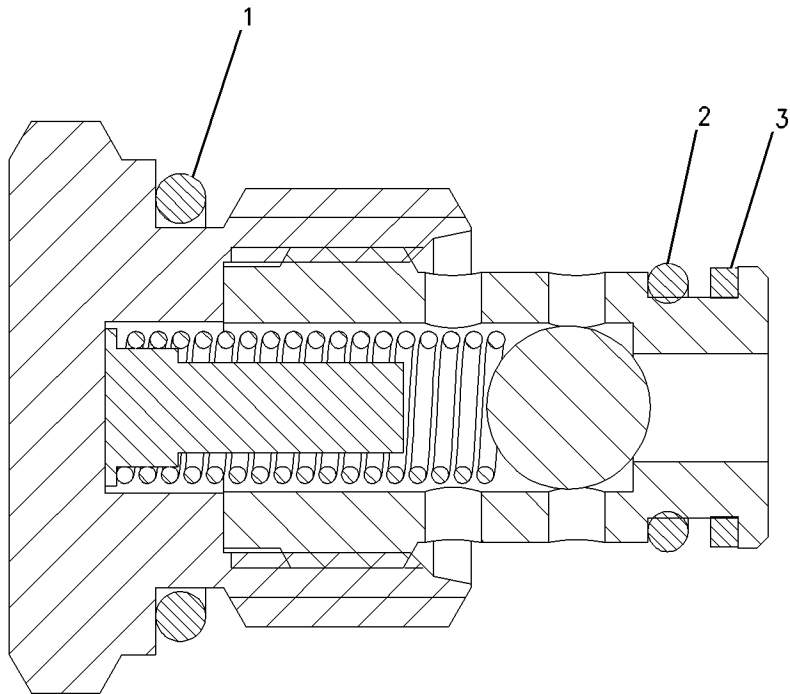
S/N: ASX1-UP

PART OF 111-7775 VALVE GP-CHECK

SMCS-4275, 5067

i01432553

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3K-0360	1	SEAL-O-RING						
	2	1	161-6154	1	SEAL-O-RING						
	3	1	6E-0381	1	RING-BACKUP						



GRAPHIC #1

<END>

g00707403

STEERING SYSTEM

144-5330 VALVE GP-DIVERTER-SECONDARY STEERING

S/N: ASX1-UP

PART OF 123-7310 LINES GP-SECONDARY STEERING
AN ATTACHMENT

SMCS-4339

i02651215

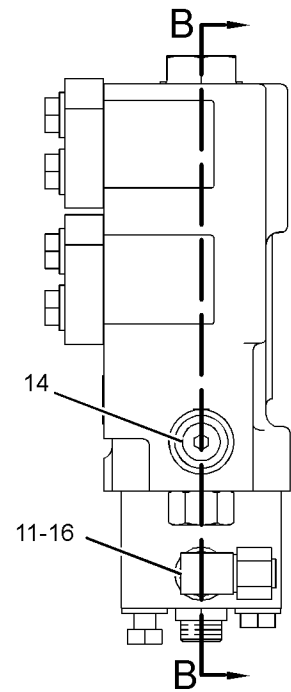
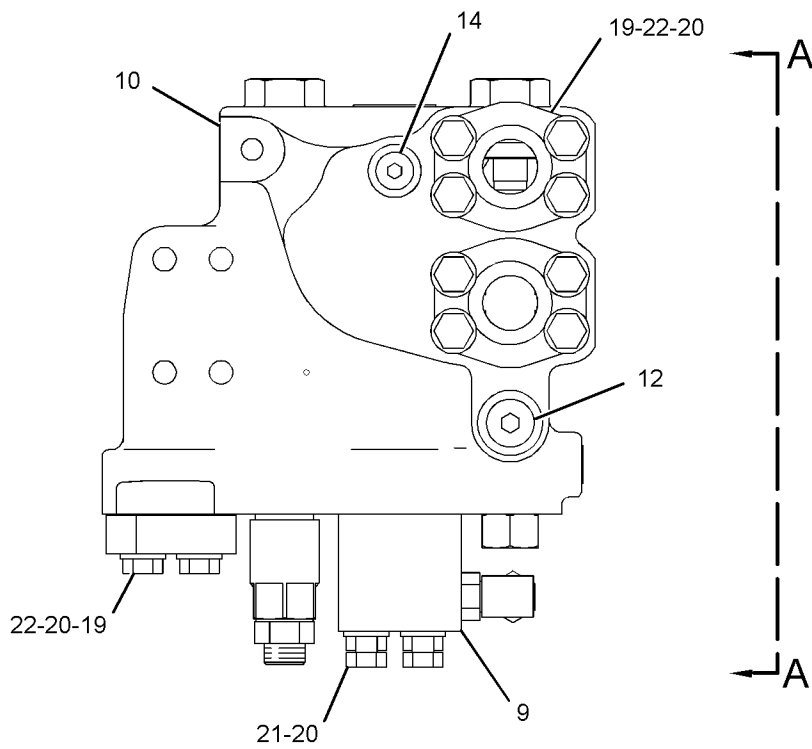
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	2S-2596	2	SPRING	
Y	2	1	9T-9194	1	VALVE GP-RELIEF (SECONDARY STEERING)	663
	3	1	100-8010	2	VALVE-CHECK (STEERING)	
	4	1	100-8011	2	PLUG	
	5	1	112-9636	1	SPOOL	
Y	6	1	114-1267	1	VALVE GP-PRESSURE REDUCING (STEERING)	660
	7	1	114-5349	1	SPRING (OUTER)	
	8	1	114-6458	1	SPRING (INNER)	
	9	1	114-6463	1	HOUSING-SPRING	
	10	1	144-5331	1	BODY-MANIFOLD	
	11	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	
12		1	148-8395	1	PLUG AS	
		1	3K-0360	1	SEAL-O-RING	
		1	9S-8005	1	PLUG-O-RING	
13		1	148-8406	1	PLUG AS	
		1	7M-8485	1	SEAL-O-RING	
		1	9S-9334	1	PLUG	
14		1	162-0177	2	PLUG AS	
					(EACH INCLUDES)	
		1	3J-1907	1	SEAL-O-RING	
		1	9S-8004	1	PLUG-O-RING	
15		1	4J-0520	1	SEAL-O-RING	
16		1	6V-9829	1	CAP AS	
B	17	1	7J-6548	22	SHIM (0.25-MM THK)	
	18	1	7M-8485	2	SEAL-O-RING	
	19	1	8C-3206	6	FLANGE-HALF	
	20	1	8T-4121	16	WASHER-HARD (11X21X2.5-MM THK)	
M	21	1	8T-4172	2	BOLT (M10X1.5X80-MM)	
M	22	1	8T-4196	12	BOLT (M10X1.5X35-MM)	
M	23	1	8T-5005	2	BOLT (M10X1.5X70-MM)	

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

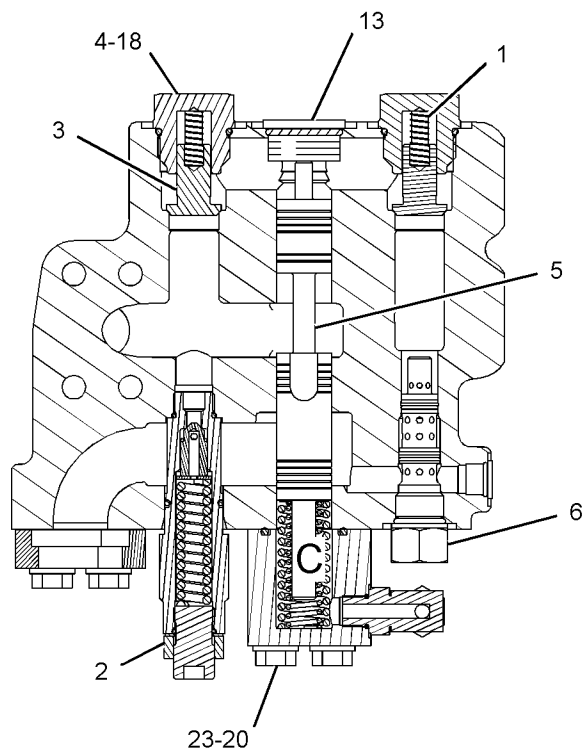
STEERING SYSTEM

144-5330 VALVE GP-DIVERTER (contd.)

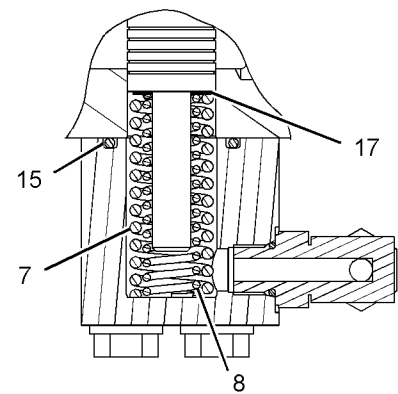
i02651215



VIEW A-A



SECTION B-B



VIEW OF AREA C

GRAPHIC #1

<END>

g01361719

STEERING SYSTEM

130-1246 VALVE GP-PILOT-STEERING

S/N: ASX1-UP

PART OF 231-8620 LINES GP-STEERING

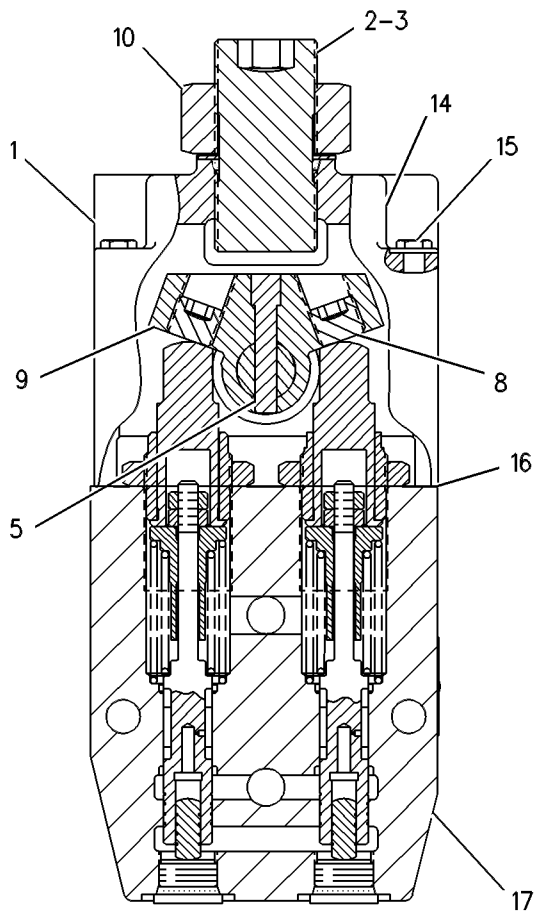
SMCS-4342

i01231082

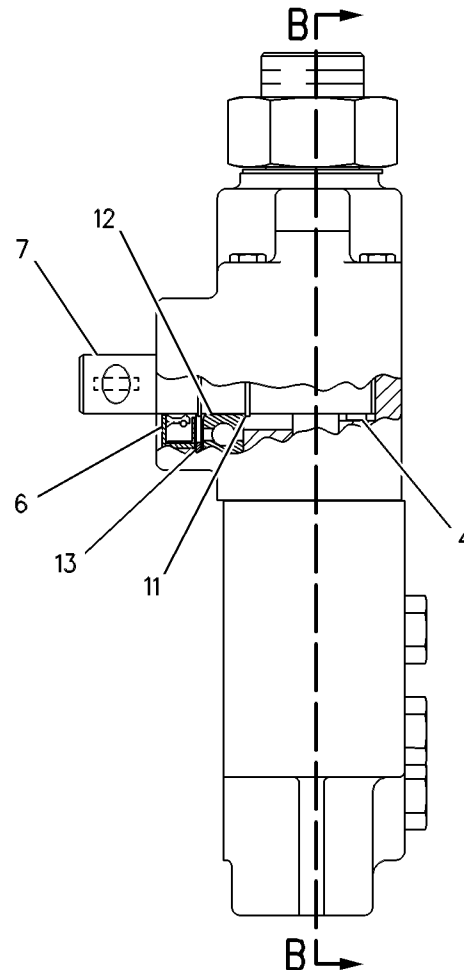
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	134-3799	1	ACTUATOR AS	
	2	1	122-8813	1	RETAINER AS	
	3	1	7M-8485	1	SEAL-O-RING	
	4	1	2S-5271	1	BEARING AS-NEEDLE	
	5	1	134-3797	1	PIN	
	6	1	130-1104	1	SEAL-LIP TYPE	
	7	1	122-8812	1	SHAFT	
	8	1	121-0640	2	SETSCREW	
	9	1	134-3798	1	ACTUATOR	
	10	1	122-8816	1	NUT	
	11	1	2J-6356	2	RING-RETAINING	
	12	1	130-0960	1	BALL BEARING	
	13	1	6V-7723	1	RING-RETAINING	
	14	1	130-1251	1	COVER	
M	15	1	7X-0465	4	BOLT (M6X1X100-MM)	
	16	1	128-6566	1	GASKET	
Y	17	1	130-1247	1	VALVE GP-PILOT (STEERING)	659

M-METRIC PART

Y-SEPARATE ILLUSTRATION



SECTION B-B



GRAPHIC #1

<END>

g00122225

STEERING SYSTEM

130-1247 VALVE GP-PILOT-STEERING

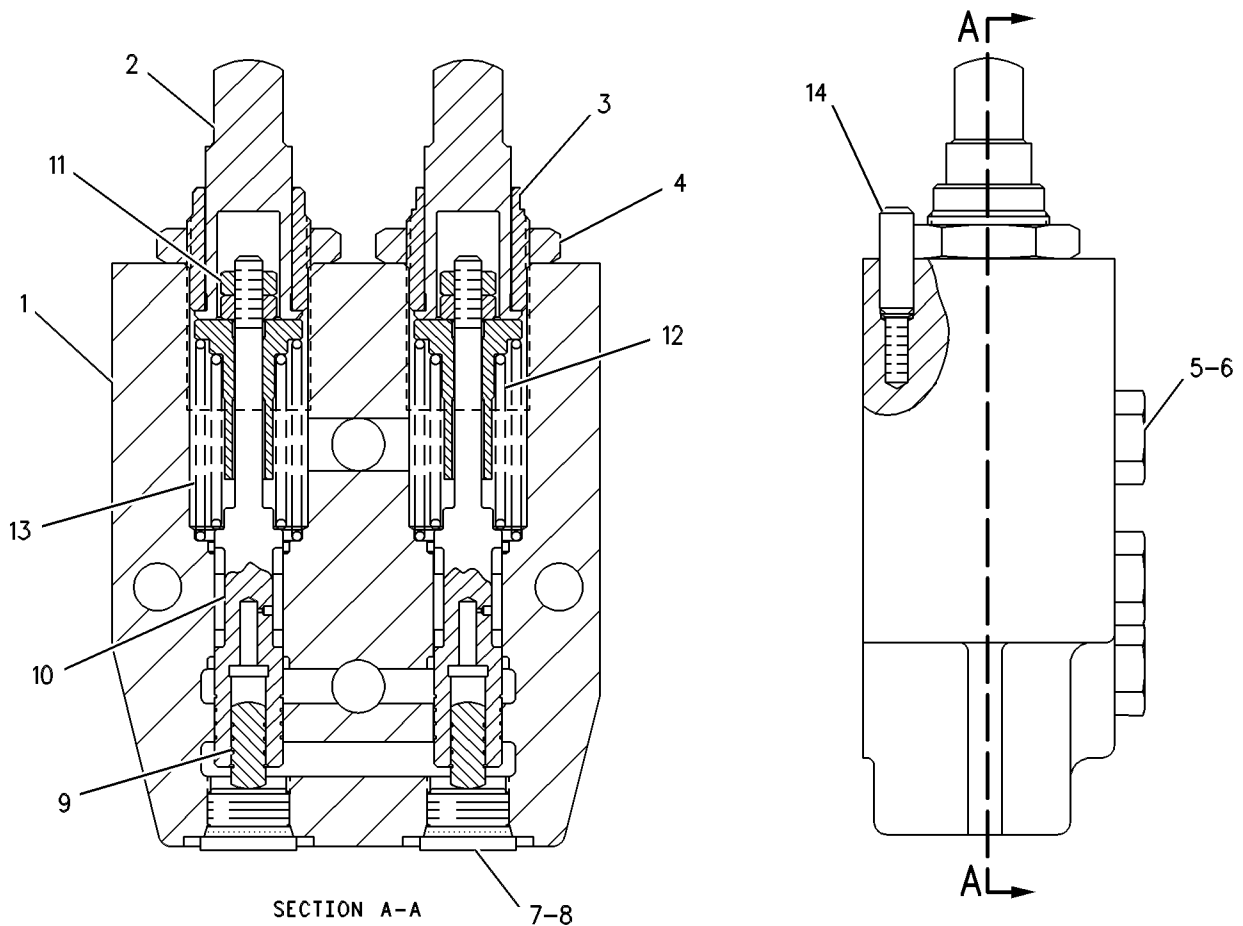
S/N: ASX1-UP

PART OF 130-1246 VALVE GP-PILOT

SMCS-4342

i01027071

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	130-1252	1	BODY						
	2	1	121-0626	2	PLUNGER						
	3	1	113-4953	2	SLEEVE						
	4	1	113-5984	2	NUT						
	5	1	9S-4191	4	PLUG-O RING						
	6	1	3J-1907	4	SEAL-O-RING						
	7	1	9S-8005	2	PLUG-O RING						
	8	1	3K-0360	2	SEAL-O-RING						
	9	1	121-0628	2	SLUG						
	10	1	121-0629	2	STEM AS						
					(EACH INCLUDES)						
	11	1	6V-8187	2	NUT (1/4-28-THD)						
	12	1	7B-3557	1	SPRING						
	13	1	8N-9000	2	SPRING						
	14	1	127-9324	2	DOWEL-BUSHING						



GRAPHIC #1

<END>

g00121498

STEERING SYSTEM

114-1267 VALVE GP-PRESSURE REDUCING

S/N: ASX1-UP

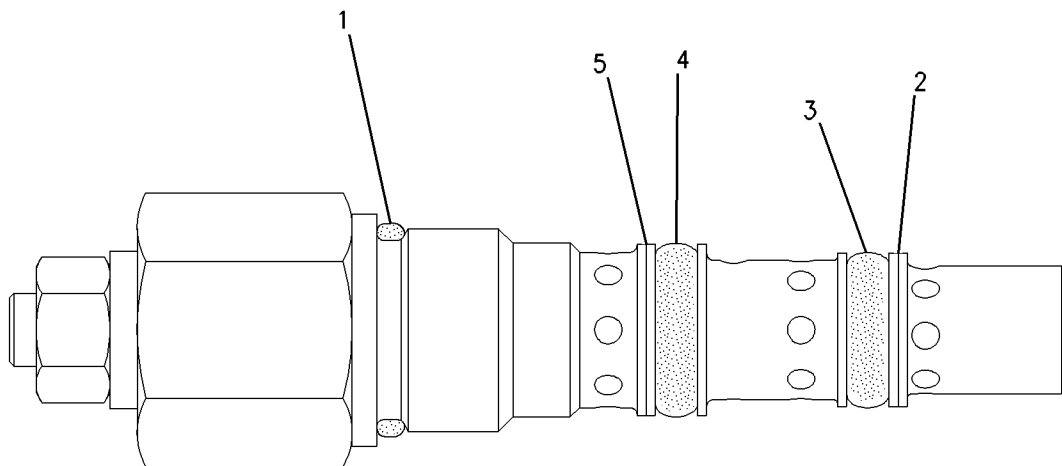
PART OF 144-5330 VALVE GP-DIVERTER, 203-8711 VALVE GP-PILOT, 127-5500 VALVE GP-STEERING

ALSO AN ATTACHMENT

SMCS-4337, 4807, 5117

i02116823

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2M-9780	1	SEAL-O-RING						
	2	1	6V-3505	1	RING-BACKUP						
	3	1	8C-3132	1	SEAL-O-RING						
	4	1	6E-0410	1	SEAL-O-RING						
	5	1	5P-2199	1	RING-BACKUP						



GRAPHIC #1

<END>

g00765132

STEERING SYSTEM

119-6238 VALVE GP - PUMP CONTROL- PRESSURE, FLOW COMPENSATOR-STEERING

S/N: ASX1-UP

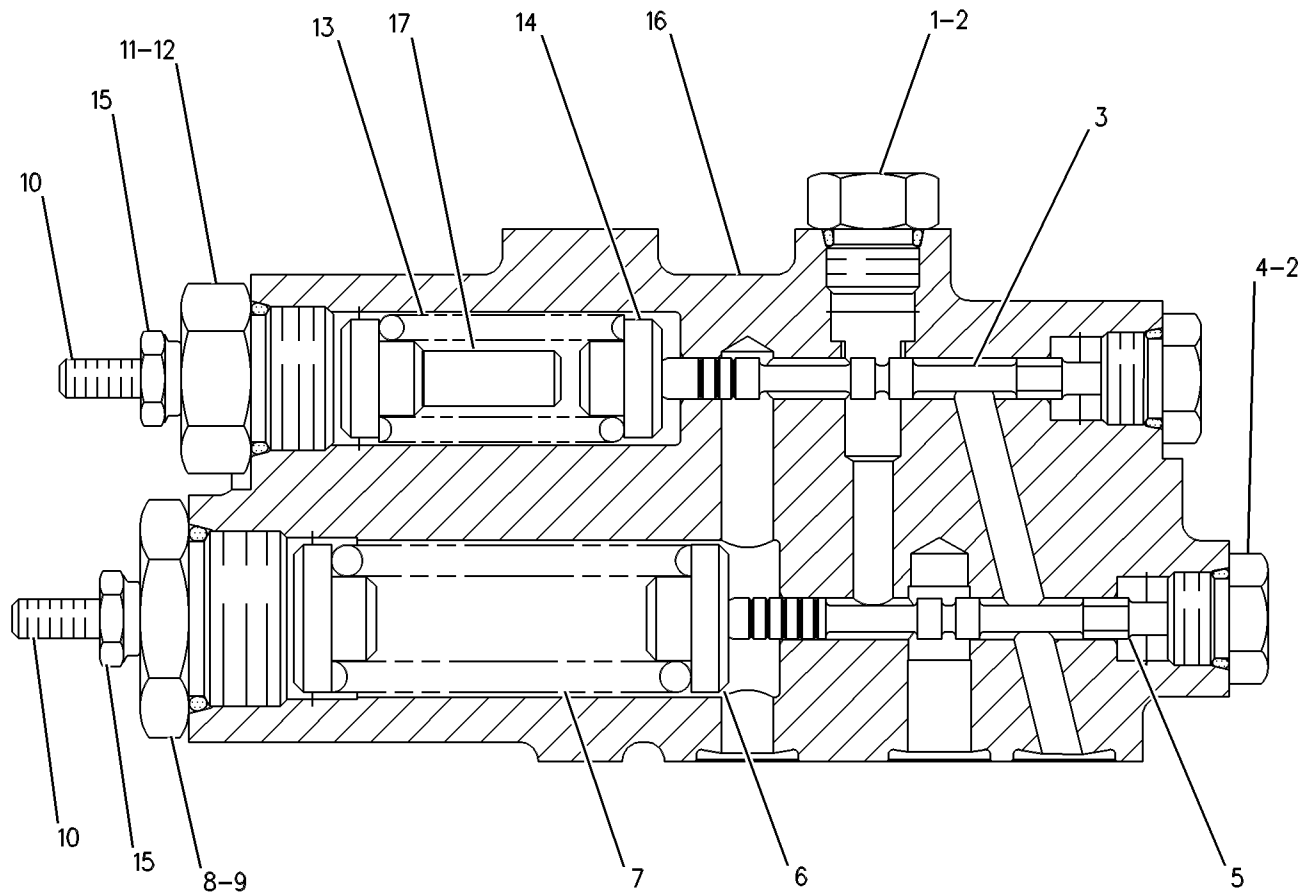
PART OF 105-3635 PUMP GP-PISTON

SMCS-5455

i01432570

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9S-4191	1	PLUG-O RING						
	2	1	3J-1907	3	SEAL-O-RING						
	3	1	108-4815	1	SPOOL-MARGIN						
	4	1	9T-2186	2	PLUG						
	5	1	6E-4239	1	SPOOL-CUTOFF						
	6	1	6E-4230	2	GUIDE-SPRING						
	7	1	6E-4228	1	SPRING						
	8	1	6E-6140	1	PLUG-COMPENSATOR						
	9	1	033-6036	1	SEAL-O-RING						
M	10	1	9X-8914	2	SETSCREW-SOCKET						
	11	1	6E-6142	1	PLUG-MARGIN						
	12	1	033-6027	1	SEAL-O-RING						
	13	1	9T-7750	1	SPRING						
	14	1	9T-1857	2	GUIDE						
	15	1	6E-6141	2	LOCKNUT-SEALING						
	16	1	6E-4229	1	BODY-COMPENSATOR						
	17	1	108-4816	1	PIN-SPRING STOP						

M-METRIC PART



GRAPHIC #1

<END>

g00121054

STEERING SYSTEM

9T-7418 VALVE GP-RELIEF-PUMP BACKUP

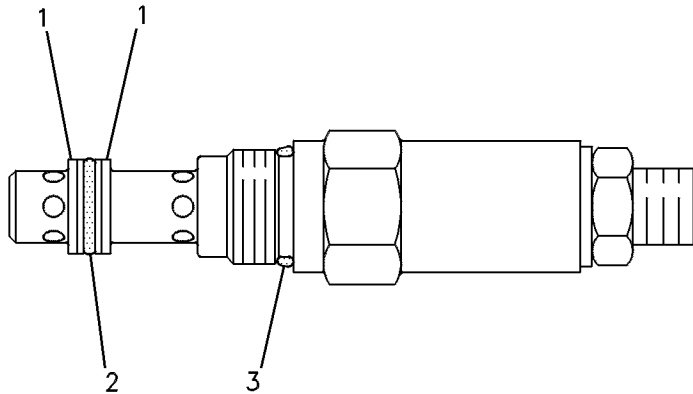
S/N: ASX1-UP

PART OF 127-5500 VALVE GP-STEERING

SMCS-4322, 5069, 7428

i00173440

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	7X-4776	2	RING-BACKUP	
	2	1	8C-3097	1	SEAL-O-RING	
	3	1	3K-0360	1	SEAL-O-RING	



GRAPHIC #1

<END>

g00120012

STEERING SYSTEM

9T-9194 VALVE GP-RELIEF-SECONDARY STEERING

S/N: ASX1-UP

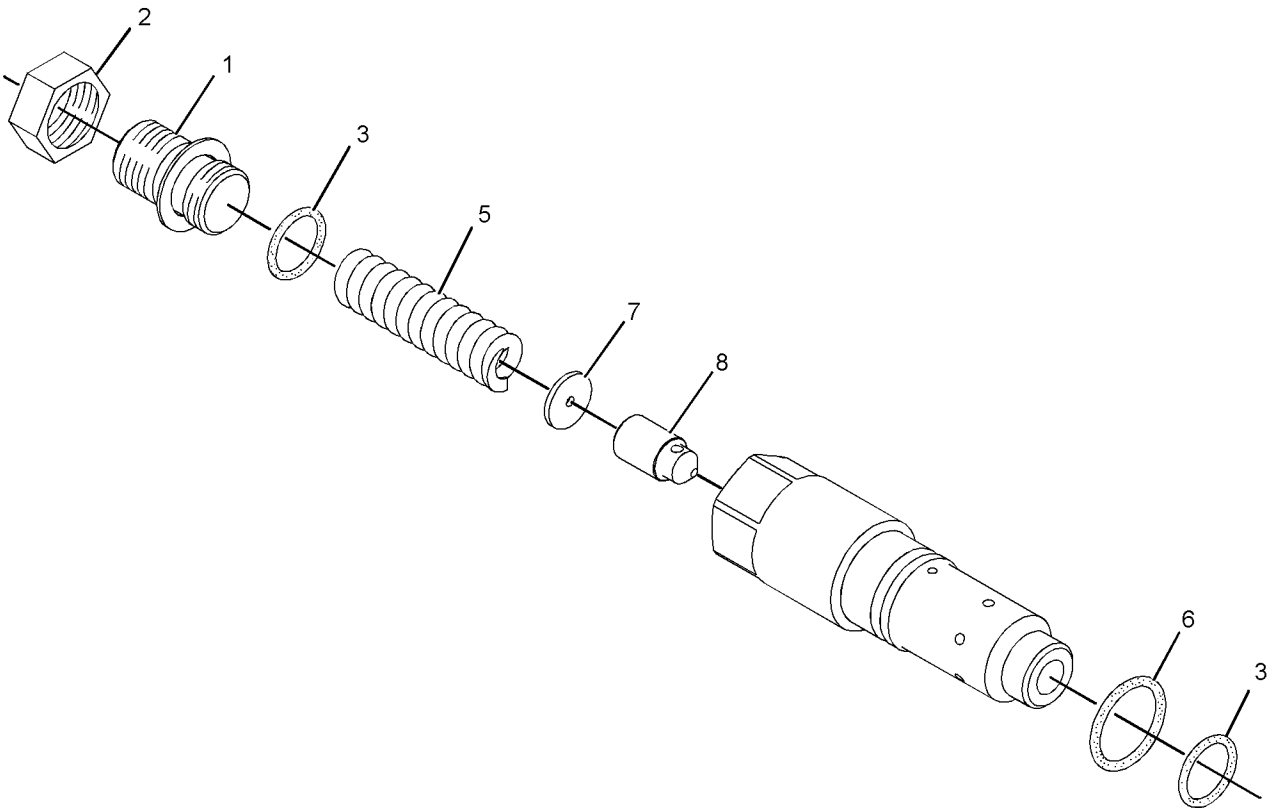
PART OF 144-5330 VALVE GP-DIVERter
AN ATTACHMENT

SMCS-4322, 5069, 7428

i02684009

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6E-1835	1	RETAINER AS						
	2	1	9X-6395	1	NUT (3/4-16-THD)						
	3	1	3K-0360	2	SEAL-O-RING						
	5	1	4T-2741	1	SPRING						
	6	1	7J-9933	1	SEAL-O-RING						
	7	1	4T-7571	1	PLATE						
	8	1	6J-6439	1	VALVE-POPPET						

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



GRAPHIC #1

<END>

g01354720

STEERING SYSTEM

4T - 1860 VALVE GP - SHUTTLE

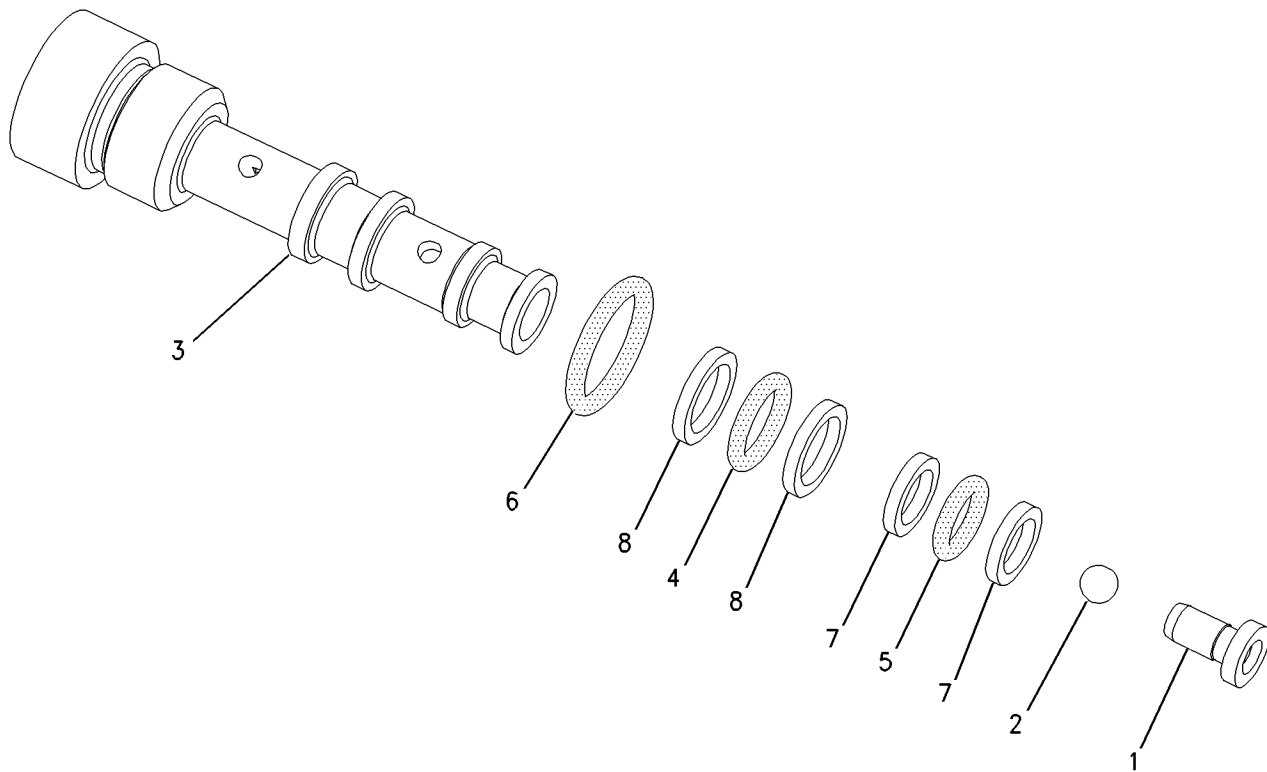
S/N: ASX1-UP

PART OF 127-5500 VALVE GP - STEERING

SMCS-4289

i02441588

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4T-0925	1	SEAT						
	2	1	1M-6718	1	BALL						
Z	3	1		1	VALVE						
	4	1	6V-5324	1	SEAL - O - RING						
	5	1	147-6603	1	SEAL - O - RING						
	6	1	3J-1907	1	SEAL - O - RING						
	7	1	147-6604	2	RING - BACKUP						
	8	1	147-6605	2	RING - BACKUP						
Z - NOT SERVICED SEPARATELY											



GRAPHIC #1

<END>

g00775006

STEERING SYSTEM

8J-6875 VALVE GP-SHUTTLE

S/N: ASX1-UP

PART OF 231-8620 LINES GP-STEERING

SMCS-4289

i02030104

NOTE	PART NUMBER	QTY	PART NAME	SEE PAGE
			1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	9T-6149	1	VALVE GP-SHUTTLE (BALL RESOLVER)	666
			-OR-	
Y	9T-6150	1	VALVE GP-SHUTTLE (BALL RESOLVER)	667
Y-SEPARATE ILLUSTRATION				

<END>

STEERING SYSTEM

9T-6149 VALVE GP-SHUTTLE-BALL RESOLVER

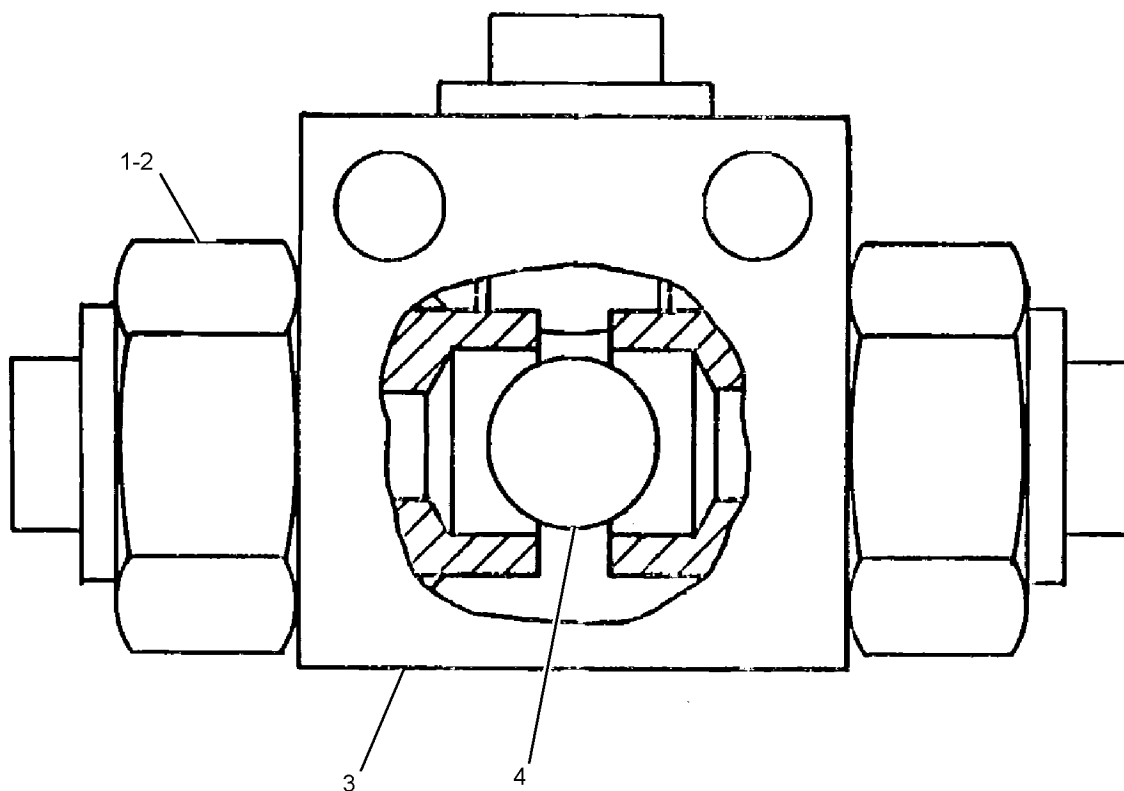
S/N: ASX1-UP

PART OF 8J-6875 VALVE GP-SHUTTLE

SMCS-4289

i02030107

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4T-9905	2	ADAPTER						
	2	1	2M-9780	1	SEAL - O - RING						
Z	3	1		3	BLOCK						
	4	1	4B-9784	1	BALL						
Z - NOT SERVICED SEPARATELY											



GRAPHIC #1

<END>

g01047326

STEERING SYSTEM

9T-6150 VALVE GP-SHUTTLE-BALL RESOLVER

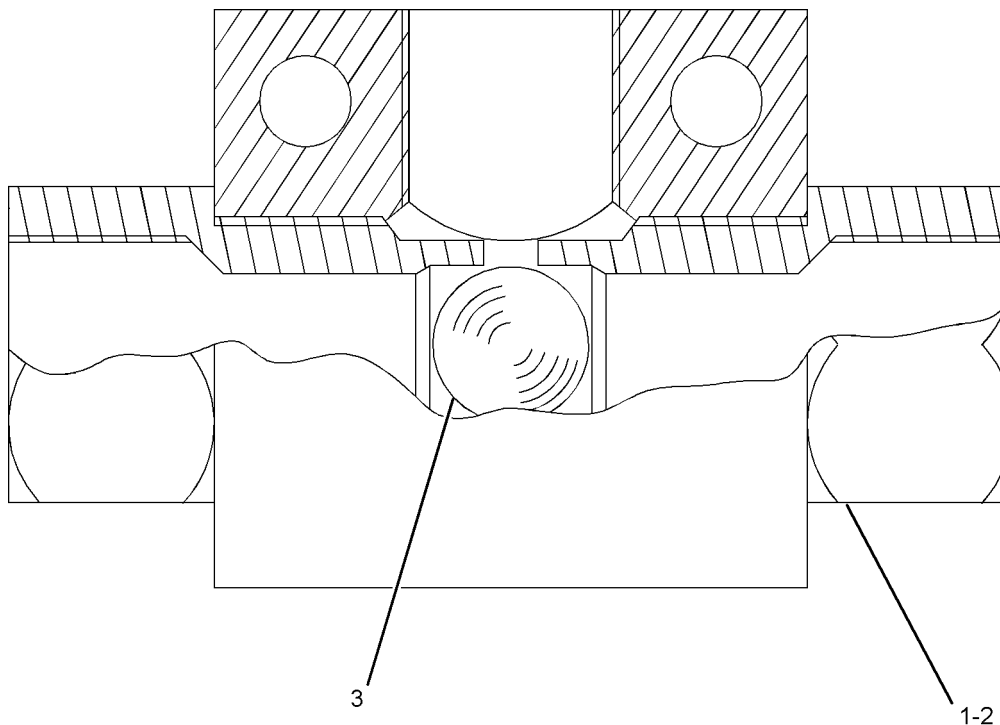
S/N: ASX1-UP

PART OF 8J-6875 VALVE GP-SHUTTLE

SMCS-4289

i02034777

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	4T-9905	2	ADAPTER	
	2	1	2M-9780	2	SEAL-O-RING	
	3	1	4B-9784	1	BALL	



GRAPHIC #1

<END>

g01047576

STEERING SYSTEM

127-5500 VALVE GP-STEERING

S/N: ASX1-UP

PART OF 231-8620 LINES GP-STEERING

SMCS-4307

i01223504

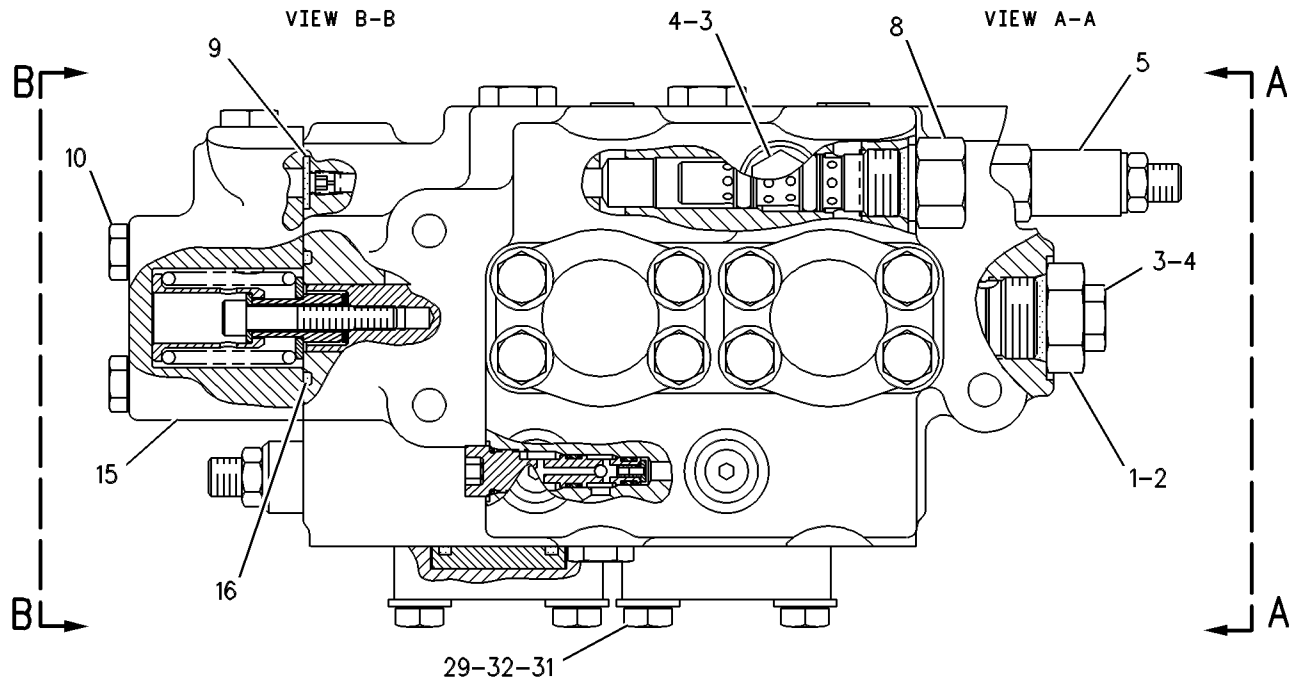
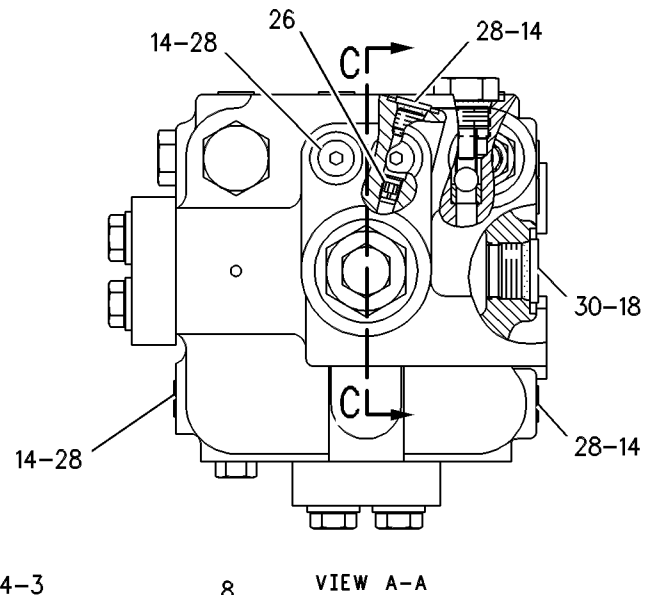
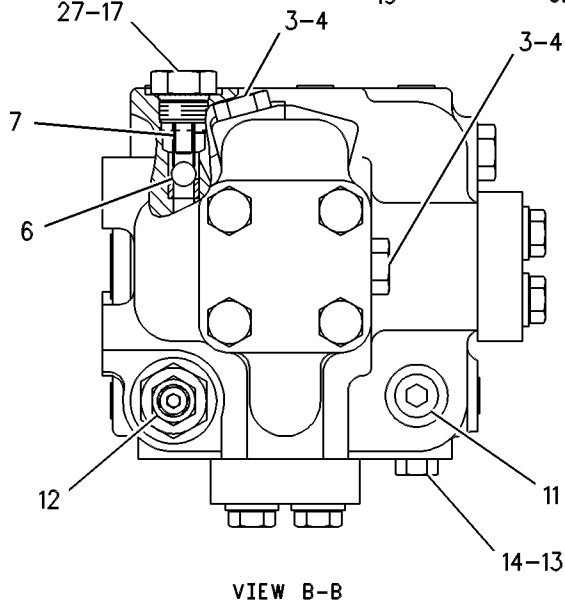
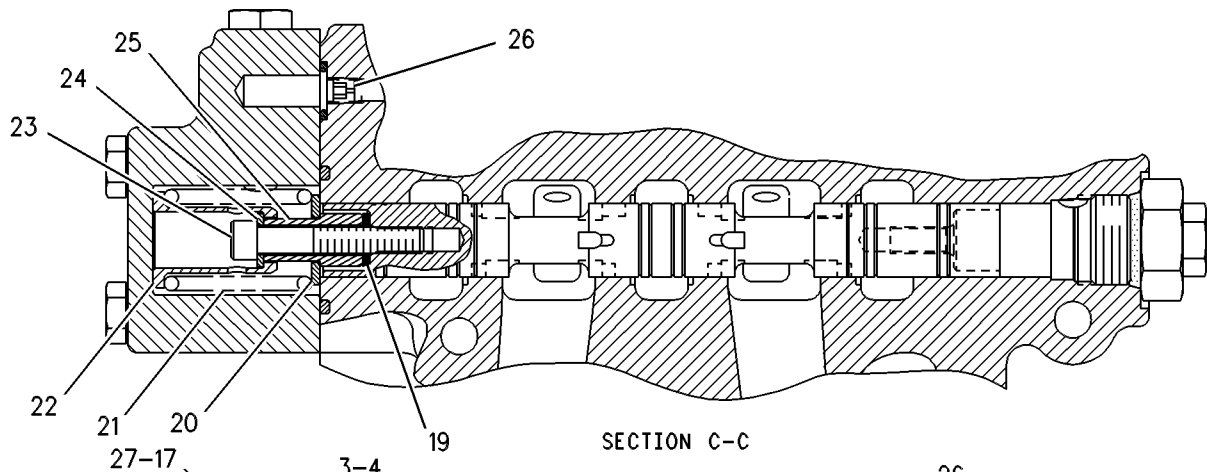
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	2P-8421	1	ADAPTER-O-RING	
	2	1	3D-2824	1	SEAL-O-RING	
	3	1	9S-4191	4	PLUG-O-RING	
	4	1	3J-1907	4	SEAL-O-RING	
Y	5	1	9T-7418	1	VALVE GP-RELIEF (PUMP BACKUP)	662
	6	1	4B-9782	2	BALL	
	7	1	2S-2596	2	SPRING	
Y	8	1	114-1267	1	VALVE GP-PRESSURE REDUCING (STEERING)	660
	9	1	8F-9206	1	SEAL-O-RING	
M	10	1	8T-5005	4	BOLT (M10X1.5X70-MM)	
Y	11	1	4T-1860	1	VALVE GP-SHUTTLE	664
	12	1	9T-7419	1	VALVE GP-RELIEF (STEERING CYLINDER CROSSOVER)	
		1	2M-9780	1	SEAL-O-RING	
		1	5P-2199	2	RING-BACKUP	
		1	6E-0410	1	SEAL-O-RING	
	13	1	9S-4182	1	PLUG-O-RING	
	14	1	3J-7354	17	SEAL-O-RING	
	15	1	115-6901	1	COVER	
	16	1	4F-7952	1	SEAL-O-RING	
	17	1	115-9978	2	PLUG AS	
					(EACH INCLUDES)	
		1	7M-5130	1	PIN-SPRING	
	18	1	2M-9780	1	SEAL-O-RING	
B	19	1	6J-6516	8	SHIM (0.01-IN THK)	
	20	1	4B-4280	1	WASHER (13.5X27X2.5-MM THK)	
	21	1	116-0014	1	SPRING	
	22	1	107-0071	1	RETAINER	
M	23	1	6V-5195	1	BOLT-SOCKET HEAD (M8X1.25X50-MM)	
	24	1	8T-4224	1	WASHER-HARD (8.8X16X2-MM THK)	
	25	1	115-9976	1	RETAINER	
	26	1	8J-6815	2	PLUG-ORIFICE	
	27	1	3K-0360	2	SEAL-O-RING	
	28	1	9S-8002	16	PLUG-O-RING	
	29	1	8C-3206	8	FLANGE-HALF	
	30	1	9S-8006	1	PLUG-O-RING	
M	31	1	8T-4196	16	BOLT (M10X1.5X35-MM)	
	32	1	8T-4121	16	WASHER-HARD (11X21X2.5-MM THK)	

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

STEERING SYSTEM

127-5500 VALVE GP-STEERING (contd.)

i01223504



g00121649

HYDRAULIC SYSTEM

123-9008 CARTRIDGE GP-VANE PUMP

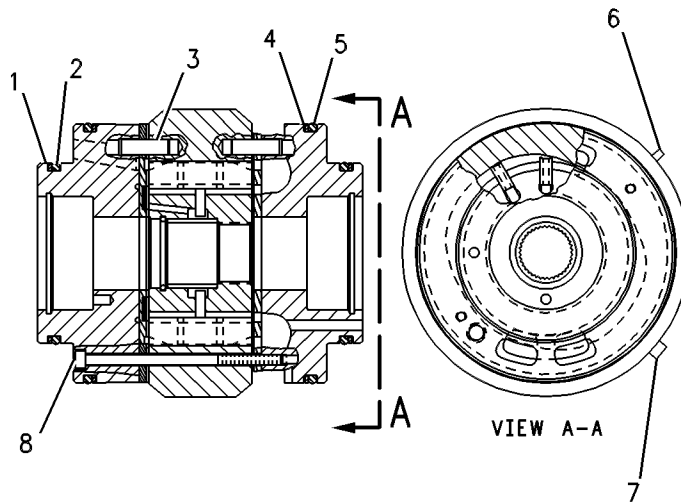
S/N: ASX1-UP

PART OF 184-3123 PUMP GP-VANE

SMCS-5055

i00173498

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	116-4052	2	RING-BACKUP						
	2	1	6J-2244	2	SEAL-O-RING						
	3	1	8H-4952	2	DOWEL						
	4	1	116-4056	2	RING-BACKUP						
	5	1	6V-1197	2	SEAL-O-RING						
	6	1	7Y-5272	1	PIN-SPRING						
	7	1	116-4060	1	PIN						
	8	1	116-4050	2	SCREW (8-32X8-IN)						



GRAPHIC #1

<END>

g00121593

HYDRAULIC SYSTEM

215-2560 COOLER GP-HYDRAULIC OIL

S/N: ASX1-UP

PART OF 226-9594, 300-6281 CHASSIS AR

SMCS-1374

i02103988

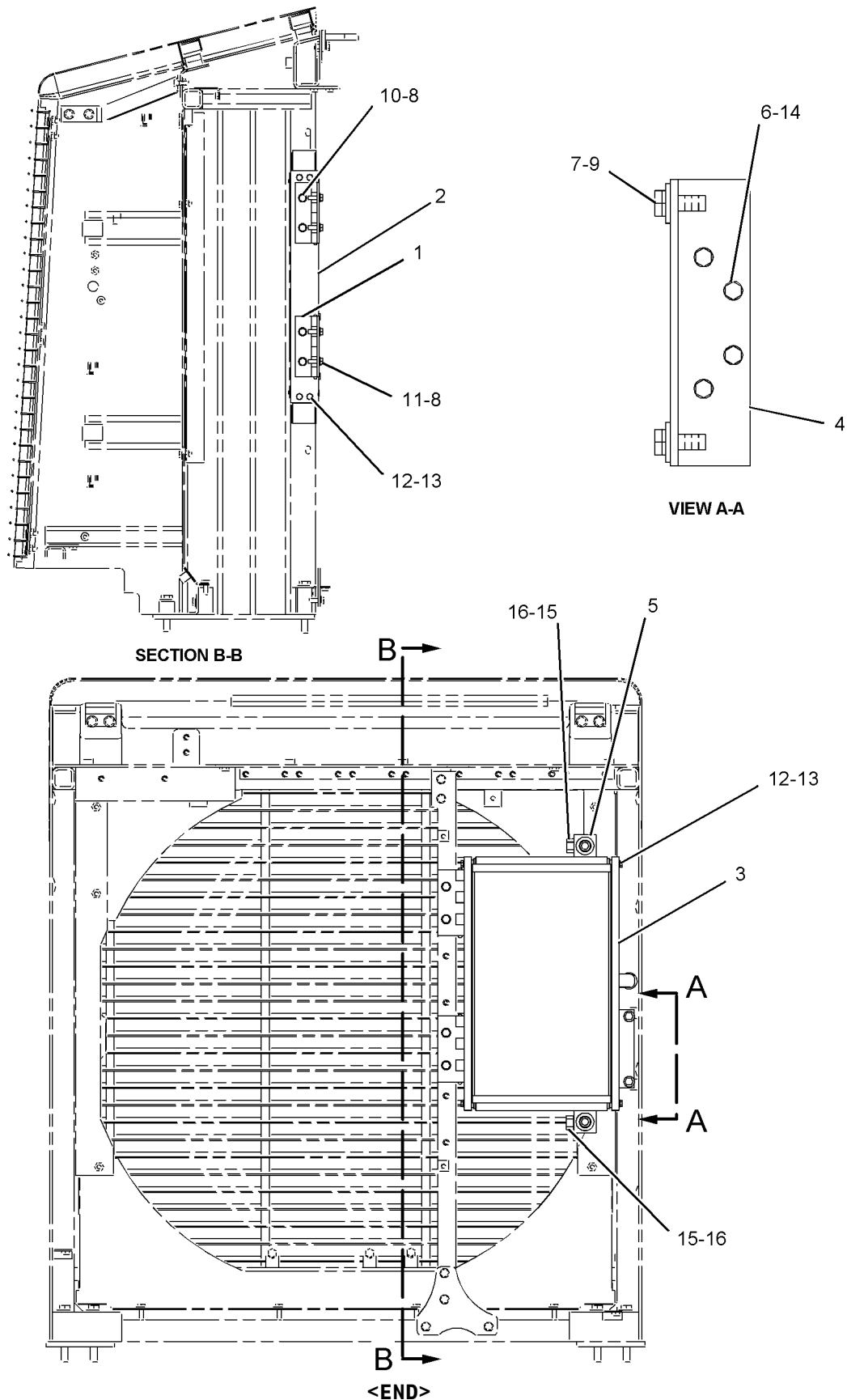
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	116-8688	2	HINGE						
	2	1	199-4180	1	CHANNEL AS						
	3	1	199-4181	1	CHANNEL AS						
	4	1	215-2427	1	BRACKET						
	5	1	242-7417	1	CORE AS-HYDRAULIC OIL COOLER						
M	6	1	5C-9553	4	BOLT (M6X1X16-MM)						
	7	1	7X-7729	2	WASHER (11X25X3-MM THK)						
	8	1	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)						
M	9	1	8T-4136	2	BOLT (M10X1.5X25-MM)						
M	10	1	8T-4137	4	BOLT (M10X1.5X20-MM)						
M	11	1	8T-4195	4	BOLT (M10X1.5X30-MM)						
M	12	1	8T-4200	8	BOLT (M8X1.25X16-MM)						
	13	1	5P-4116	8	WASHER-HARD (8.8X20.5X2-MM THK)						
	14	1	9X-8256	4	WASHER (6.6X12X2-MM THK)						
	15	1	5P-9436	2	PLUG-THREADED O-RING						
	16	1	3D-2824	2	SEAL-O-RING						

M-METRIC PART

HYDRAULIC SYSTEM

215-2560 COOLER GP-HYDRAULIC OIL (contd.)

i02103988



GRAPHIC #1

<END>

g01082831

HYDRAULIC SYSTEM

225-3676 CYLINDER GP - LIFT-AUTOMATIC BLADE POSITIONING

S/N: ASX1-UP

PART OF 262-6863, 281-0560 BULLDOZER AR, 262-6864, 262-6865 BULLDOZER
AR-STRAIGHT, 239-3528, 263-6868 BULLDOZER AR-UNIVERSAL
AN ATTACHMENT

SMCS-5102

i02659844

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3G-0910	1	CAP-BEARING						
B	2	1	3G-0911	28	SHIM (0.8-MM THK)						
	3	1	114-8135	1	HEAD						
	4	1	117-6731	1	PISTON						
	5	1	222-1395	1	BOLT AS						
	6	1	225-3284	1	SEAL-WIPER						
Y	7	1	225-3678	1	SENSOR & MTG GP-POSITION (AUTOMATIC BLADE)						257
	8	1	225-3679	1	CYLINDER AS						
	8A	1	5J-1192	2	BEARING-SLEEVE						
	9	1	225-3680	1	ROD AS						
M	10	1	095-9806	4	BOLT-SOCKET HEAD (M16X2X80-MM)						
	11	1	106-1017	1	WASHER (36.7X77X6-MM THK)						
	12	1	167-2208	1	SEAL AS-BUFFER						
	13	1	167-2319	1	SEAL-U-CUP						
	14	1	175-7903	1	SEAL-O-RING						
	15	1	2J-3961	1	RING-BACKUP						
	16	1	4T-8588	1	SEAL AS						
	17	1	8T-7000	1	SEAL						
M	18	1	7X-0851	4	NUT (M24X3-THD)						
	19	1	8C-9161	1	RING-WEAR						
M	20	1	8T-0672	4	BOLT (M24X3X160-MM)						
	21	1	8T-8390	1	RING-WEAR						

B-USE AS REQUIRED

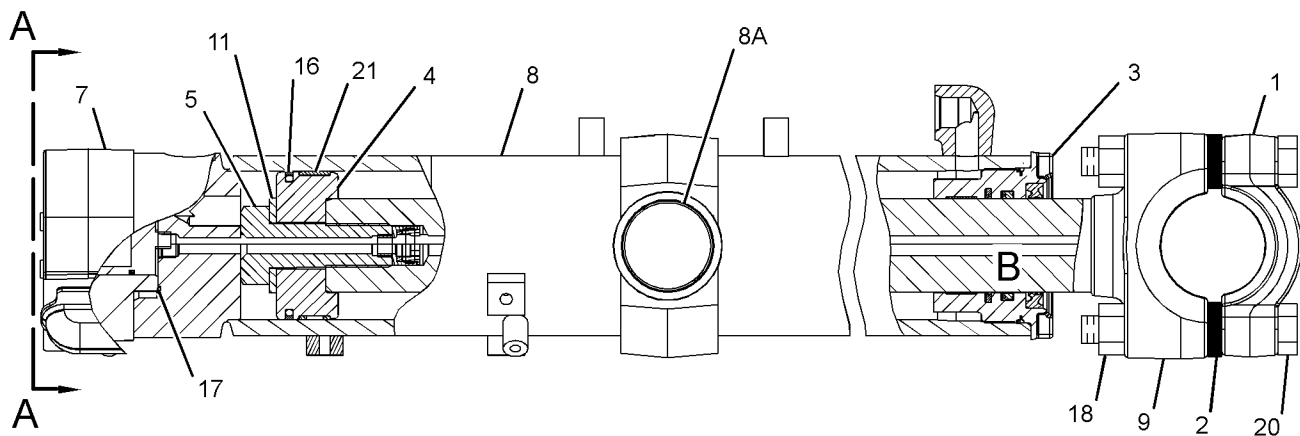
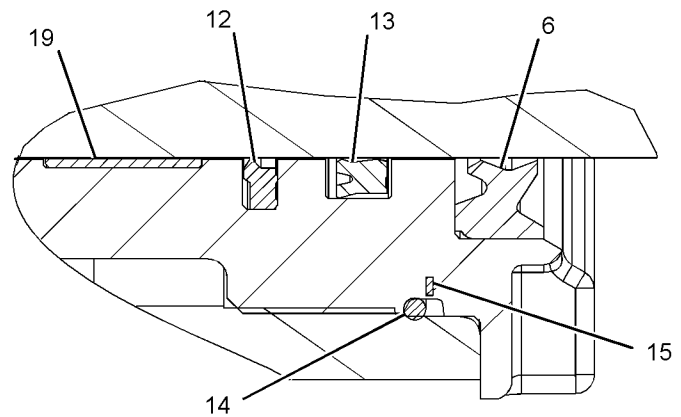
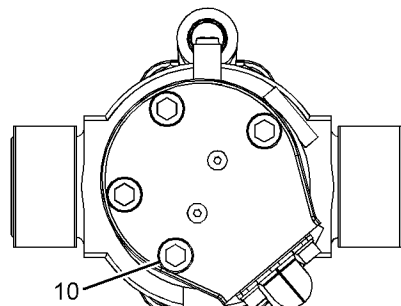
M-METRIC PART

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

225 - 3676 CYLINDER GP - LIFT (contd.)

i02659844



GRAPHIC #1

<END>

g01366372

HYDRAULIC SYSTEM

116-9848 CYLINDER GP-TILT & TIP-LH

S/N: ASX1-UP

133.35 MM (5.25 IN) X 255 MM (10 IN) STROKE. TILT AND TIP FUNCTION
PART OF 262-6863, 281-0560 BULLDOZER AR, 262-6864, 262-6865 BULLDOZER
AR-STRAIGHT, 239-3528, 263-6868 BULLDOZER AR-UNIVERSAL
AN ATTACHMENT

SMCS-5104, 5106

i01990694

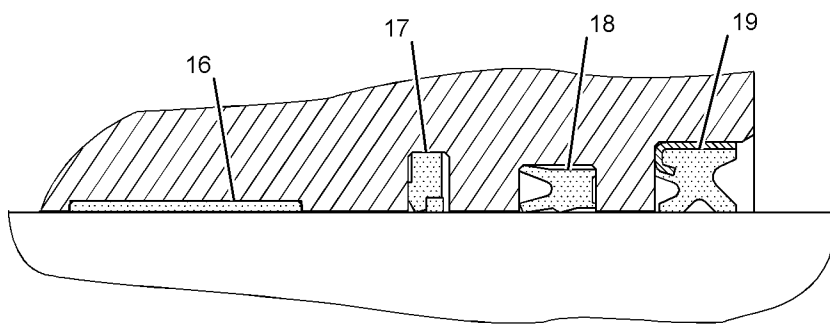
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	117-0117	1	CYLINDER AS-LH	
		1	4J-6374	2	BEARING-SLEEVE	
	2	1	5J-5731	1	LOCKNUT (1 3/4X12 THD)	
	3	1	129-8363	2	WASHER	
	4	1	2D-0714	1	RING-WEAR	
	6	1	117-8164	1	PISTON AS	
		1	5J-2528	2	PLUNGER	
		1	5J-2529	4	INSERT	
	7	1	117-0111	1	HEAD	
	8	1	5F-3106	1	SEAL-O-RING	
	9	1	2J-7767	1	RING-BACKUP	
	10	1	4T-8711	1	CROWN	
M	11	1	6V-7742	4	NUT-FULL (M20X2.50 THD)	
	12	1	117-0113	1	ROD AS	
B		1	8E-5703	14	SHIM (0.8MM THK)	
B	13	1	8E-9212	28	SHIM (.8MM THK)	
	14	1	160-6308	1	CAP-BEARING	
M	15	1	6V-9167	4	BOLT (M20X2.5X140MM)	
	16	1	8T-5668	1	RING-WEAR	
	17	1	167-2201	1	SEAL AS-BUFFER	
	18	1	167-2312	1	SEAL-U-CUP	
	19	1	225-3281	1	SEAL-WIPER	

B-USE AS REQUIRED
M-METRIC PART

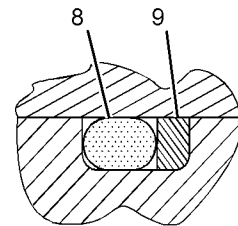
HYDRAULIC SYSTEM

116-9848 CYLINDER GP-TILT & TIP (contd.)

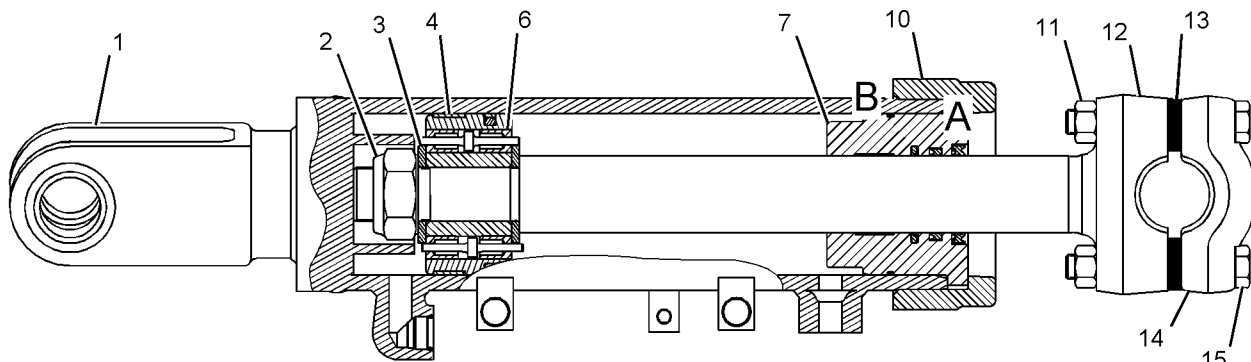
i01990694



VIEW OF AREA A



VIEW OF AREA B



GRAPHIC #1

<END>

g01032062

HYDRAULIC SYSTEM

196-2430 CYLINDER GP-TILT & TIP-RH

S/N: ASX1-UP

PART OF 262-6863, 281-0560 BULLDOZER AR, 262-6864, 262-6865 BULLDOZER
AR-STRAIGHT, 239-3528, 263-6868 BULLDOZER AR-UNIVERSAL
AN ATTACHMENT

SMCS-5104, 5106

i02758534

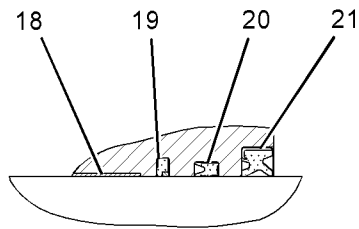
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	196-2431	1	CYLINDER AS	
		1	4J-6374	2	BEARING-SLEEVE	
	2	1	5J-5731	1	LOCKNUT (1-3/4-12-THD)	
	3	1	1J-0708	1	RING-WEAR	
	4	1	8C-9173	1	SEAL AS	
	5	1	151-5174	1	PISTON	
	6	1	6J-5541	1	SEAL-O-RING	
	7	1	2K-3258	1	RING-BACKUP	
	8	1	211-0885	1	HEAD	
M	9	1	6V-7742	4	NUT-FULL (M20X2.5-THD)	
	10	1	196-2435	1	ROD AS	
B	11	1	8E-9212	28	SHIM (0.8-MM THK)	
	12	1	160-6308	1	CAP-BEARING	
M	13	1	6V-9167	4	BOLT (M20X2.5X140-MM)	
M	14	1	8T-0667	2	BOLT (M24X3X100-MM)	
M	15	1	173-9779	6	BOLT (M24X3X80-MM)	
	16	1	8T-8377	1	SEAL-HEAD	
	17	1	6V-8237	8	WASHER (26X44X4-MM THK)	
	18	1	8T-6743	1	RING-WEAR	
	19	1	167-2207	1	SEAL AS-BUFFER	
	20	1	167-2317	1	SEAL-U-CUP	
	21	1	225-3283	1	SEAL-WIPER	

B-USE AS REQUIRED
M-METRIC PART

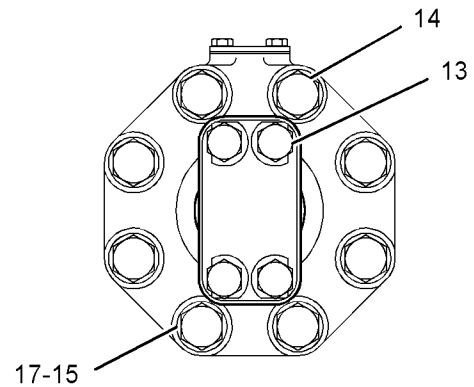
HYDRAULIC SYSTEM

196-2430 CYLINDER GP-TILT & TIP (contd.)

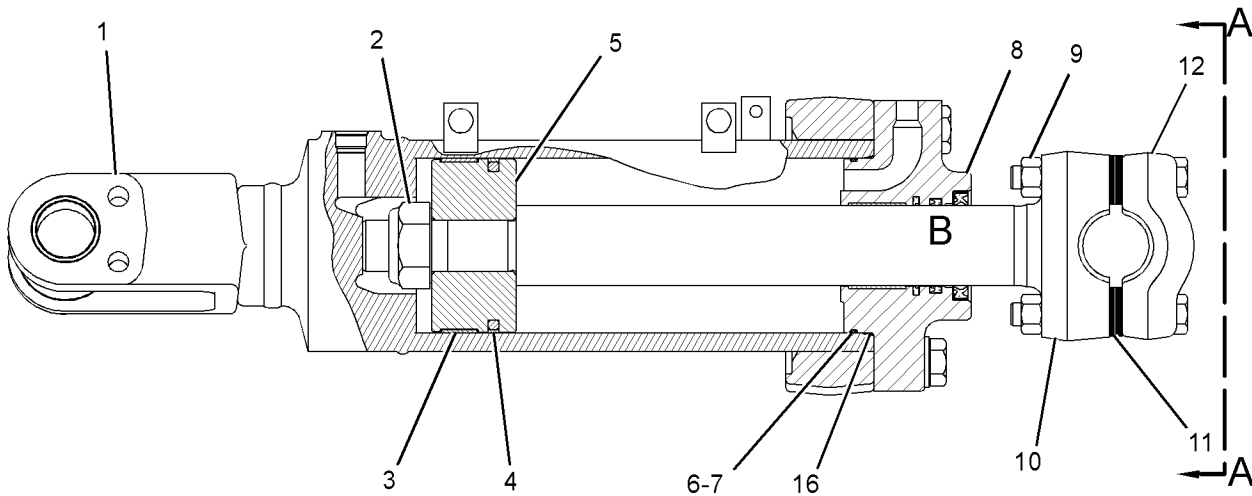
i02758534



VIEW OF AREA B



VIEW A-A



GRAPHIC #1

<END>

g01381377

HYDRAULIC SYSTEM

226 - 9597 HYDRAULIC AR

S/N: ASX1-299

PART OF 226-9588 GENERAL AR

SMCS-5051

i01983163

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	231-8634	1	CONTROL GP-SERVICE BRAKE						595
Y	116-7368	1	CYLINDER & MTG GP-STEERING						609
Y	214-1705	1	LINES GP-HYDRAULIC						680
Y	231-8627	1	LINES GP-HYDRAULIC FAN						686
Y	234-4913	1	LINES GP-HYDRAULIC OIL COOLER						688
Y	117-3211	1	LINES GP-LIFT CYLINDER						699
Y	228-7070	1	LINES GP-PILOT						701
Y	231-8620	1	LINES GP-STEERING						613
Y	117-3217	1	LINES GP-TILT & TIP CYLINDER						706
Y	228-7020	1	LINES GP-TORQUE CONV COOLER						440
Y	117-3218	1	MOUNTING GP-HYDRAULIC TANK						712
Y	231-8625	1	PUMP & MTG GP-HYDRAULIC FAN						714
Y	231-8630	1	PUMP & MTG GP-STEERING & TMSN						638
Y	183-9361	1	PUMP & MTG GP-IMPLEMENT						715
Y	185-0820	1	TANK GP-HYDRAULIC						722
Y	212-4894	1	VALVE & MTG GP-MAIN CONTROL (3 FUNCTION)						726
Y-SEPARATE ILLUSTRATION									

<END>

302 - 1353 HYDRAULIC AR

S/N: ASX300-UP

PART OF 226-9588 GENERAL AR

SMCS-5051

i02710301

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	231-8634	1	CONTROL GP-SERVICE BRAKE						595
Y	116-7368	1	CYLINDER & MTG GP-STEERING						609
Y	214-1705	1	LINES GP-HYDRAULIC						680
Y	231-8627	1	LINES GP-HYDRAULIC FAN						686
Y	234-4913	1	LINES GP-HYDRAULIC OIL COOLER						688
Y	117-3211	1	LINES GP-LIFT CYLINDER						699
Y	228-7070	1	LINES GP-PILOT						701
Y	231-8620	1	LINES GP-STEERING						613
Y	117-3217	1	LINES GP-TILT & TIP CYLINDER						706
Y	228-7020	1	LINES GP-TORQUE CONV COOLER						440
Y	117-3218	1	MOUNTING GP-HYDRAULIC TANK						712
Y	231-8625	1	PUMP & MTG GP-HYDRAULIC FAN						714
Y	183-9361	1	PUMP & MTG GP- IMPLEMENT						715
Y	231-8630	1	PUMP & MTG GP-STEERING & TMSN (INCLUDES PILOT, BRAKE PUMP)						638
Y	185-0820	1	TANK GP-HYDRAULIC						722
Y	212-4894	1	VALVE & MTG GP-MAIN CONTROL (3-FUNCTION)						726

<END>

HYDRAULIC SYSTEM

214-1705 LINES GP-HYDRAULIC

S/N: ASX1-299

PART OF 226-9597 HYDRAULIC AR

SMCS-5057

i02758848

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1P-3703	1	SEAL-RECTANGULAR	
E	3	1	5P-1295		HOSE (16-CM)	
	4	1	6V-0852	1	CAP-DUST	
	5	1	164-5567	1	FITTING AS (QUICK DISCONNECT, MALE)	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-3965	1	FITTING-COUPLER	
	6	1	164-5590	1	VALVE AS-FLUID SAMPLING (HYDRAULIC OIL)	
		1	3J-7354	1	SEAL-O-RING	
		1	8C-3446	1	VALVE-FLUID SAMPLING	
	7	1	8C-3451	1	CAP-DUST	
E	8	1	5P-1295		HOSE (10-CM EACH)	
I	9	1	9C-0931	1	HOSE AS	
	10	1	9J-3866	1	ADAPTER	
	11	1	120-5976	1	TUBE AS	
I	12	1	120-5990	1	HOSE AS	
	13	1	132-3787	1	TUBE	
	14	1	180-8489	1	TUBE AS	
I	15	1	180-9031	1	HOSE AS	
	16	1	187-8731	1	PLATE AS	
M		1	8T-3490	3	NUT-WELD (M10X1.5-THD)	
C	17	1	227-9514	1	BRACKET AS	
	18	1	216-9199	2	UNION AS	
					(EACH INCLUDES)	
		1	5K-9090	1	SEAL-O-RING	
		1	6V-8400	1	SEAL-O-RING	
		1	9X-2317	1	UNION	
	19	1	220-0814	1	VALVE-BREAKER RELIEF	
	20	1	222-4545	1	TUBE AS	
	21	1	222-4546	1	TUBE AS	
	22	1	222-5519	1	BRACKET AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	23	1	148-8333	1	CONNECTOR AS	
		1	6V-8400	1	SEAL-O-RING	
		1	7M-8485	1	SEAL-O-RING	
		1	8T-7927	1	CONNECTOR	
	24	1	148-8387	1	ELBOW AS	
		1	5K-9090	1	SEAL-O-RING	
		1	6V-9008	1	ELBOW	
		1	7M-8485	1	SEAL-O-RING	
	25	1	155-6344	1	ELBOW AS	
		1	5K-9090	2	SEAL-O-RING	
		1	6V-8991	1	ELBOW	
	26	1	184-4717	1	TUBE	
	27	1	1P-4579	2	FLANGE-HALF	
	28	1	209-4575	6	CLAMP	
	29	1	2N-8928	1	CLIP	
	30	1	3D-2824	1	SEAL-O-RING	
	32	1	4J-0520	2	SEAL-O-RING	
	33	1	4J-0524	1	SEAL-O-RING	
	34	1	4J-0527	1	SEAL-O-RING	
	35	1	4S-4455	1	CLIP	
	36	1	5P-7468	1	CLIP (SLOT)	
	37	1	5P-7469	1	CLIP (TAB)	
	38	1	6V-1874	1	GROMMET	
	39	1	6V-9172	3	NUT (1-7/16-12-THD)	
	40	1	7D-7233	4	CLIP	

HYDRAULIC SYSTEM

214-1705 LINES GP-HYDRAULIC (contd.)

i02758848

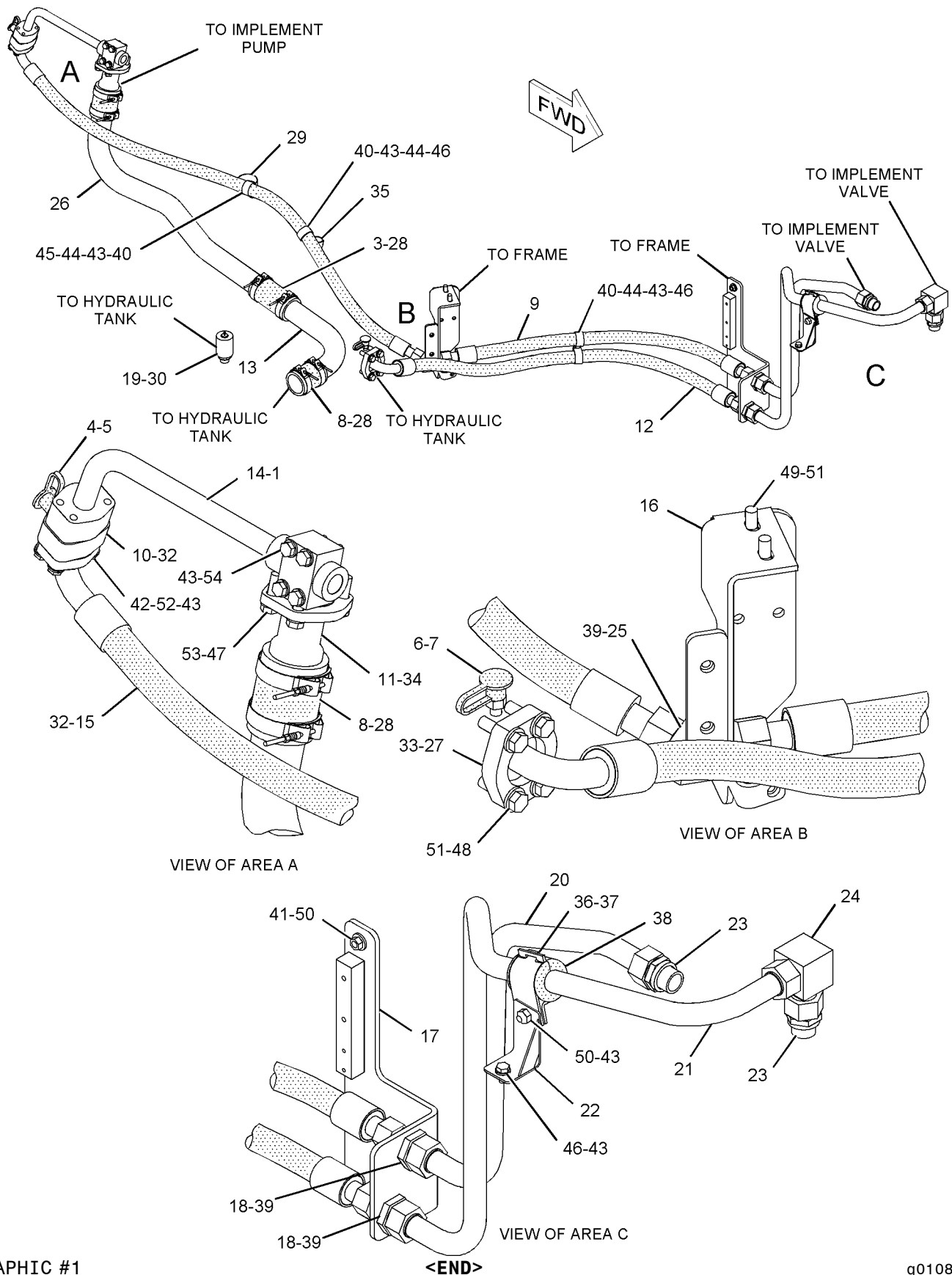
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	41	1	7X-7729	3	WASHER (11X25X3-MM THK)						
	42	1	8C-3206	2	FLANGE-HALF						
	43	1	8T-4121	15	WASHER-HARD (11X21X2.5-MM THK)						
CM	44	1	8T-4133	3	NUT (M10X1.5-THD)						
M	45	1	8T-4136	1	BOLT (M10X1.5X25-MM)						
M	46	1	8T-4137	3	BOLT (M10X1.5X20-MM)						
M	47	1	8T-4183	4	BOLT (M12X1.75X40-MM)						
M	48	1	8T-4184	4	BOLT (M12X1.75X45-MM)						
M	49	1	8T-4192	2	BOLT (M12X1.75X25-MM)						
CM	50	1	8T-4195	4	BOLT (M10X1.5X30-MM)						
	51	1	8T-4223	6	WASHER-HARD (13.5X25.5X3-MM THK)						
M	52	1	8T-5005	4	BOLT (M10X1.5X70-MM)						
	53	1	8T-5360	4	WASHER (12X22.5X2.5-MM THK)						
M	54	1	8T-6466	4	BOLT (M10X1.5X60-MM)						

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

HYDRAULIC SYSTEM

214-1705 LINES GP-HYDRAULIC (contd.)

i02758848



GRAPHIC #1

g01083810

HYDRAULIC SYSTEM

214-1705 LINES GP-HYDRAULIC

S/N: ASX300-UP

PART OF 302-1353 HYDRAULIC AR

SMCS-5057

i02758537

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	1P-3703	1	SEAL-RECTANGULAR						
E	2	1	5P-1295		HOSE (16-CM)						
	3	2	6V-0852	1	CAP-DUST						
	4	2	8C-3451	1	CAP-DUST						
E	5	1,2	5P-1295		HOSE (10-CM EACH)						
I	6	2	9C-0931	1	HOSE AS						
	7	2	9J-3866	1	ADAPTER						
	8	2	120-5976	1	TUBE AS						
I	9	2	120-5990	1	HOSE AS						
	10	2	132-3787	1	TUBE						
C	11	2	159-8329	1	BRACKET AS						
	12	2	180-8489	1	TUBE AS						
I	13	1	180-9031	1	HOSE AS						
	14	2	187-8731	1	PLATE AS						
M		2	8T-3490	3	NUT-WELD (M10X1.5-THD)						
	15	2	216-9199	2	UNION AS						
					(EACH INCLUDES)						
		2	5K-9090	1	SEAL-O-RING						
		2	6V-8400	1	SEAL-O-RING						
		2	9X-2317	1	UNION						
	16	2	220-0814	1	VALVE-BREAKER RELIEF						
	17	2	222-4545	1	TUBE AS						
	18	2	222-4546	1	TUBE AS						
	19	2	222-5519	1	BRACKET AS						
M		2	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	20	2	227-9514	1	BRACKET AS						
C	21	2	130-3374	1	CLIP						
	22	2	148-8333	2	CONNECTOR AS						
					(EACH INCLUDES)						
		2	6V-8400	1	SEAL-O-RING						
		2	7M-8485	1	SEAL-O-RING						
		2	8T-7927	1	CONNECTOR						
	23	2	148-8387	1	ELBOW AS						
		2	5K-9090	1	SEAL-O-RING						
		2	6V-9008	1	ELBOW						
		2	7M-8485	1	SEAL-O-RING						
	24	2	155-6344	1	ELBOW AS						
		2	5K-9090	2	SEAL-O-RING						
		2	6V-8991	1	ELBOW						
	25	2	164-5567	1	FITTING AS (QUICK DISCONNECT, MALE)						
		2	3J-1907	1	SEAL-O-RING						
		2	6V-3965	1	FITTING-COUPLER						
	26	2	164-5590	1	VALVE AS-FLUID SAMPLING (HYDRAULIC OIL)						
		2	3J-7354	1	SEAL-O-RING						
		2	8C-3446	1	VALVE-FLUID SAMPLING						
	27	2	184-4717	1	TUBE						
	28	2	1P-4579	2	FLANGE-HALF						
	29	1,2	209-4575	6	CLAMP						
	30	2	3D-2824	1	SEAL-O-RING						
	31	1,2	4J-0520	2	SEAL-O-RING						
	32	2	4J-0524	1	SEAL-O-RING						
	33	2	4J-0527	1	SEAL-O-RING						
	34	2	5P-7468	1	CLIP (SLOT)						
	35	2	5P-7469	1	CLIP (TAB)						
	36	2	6V-1874	1	GROMMET						
	37	2	6V-9172	3	NUT (1-7/16-12-THD)						

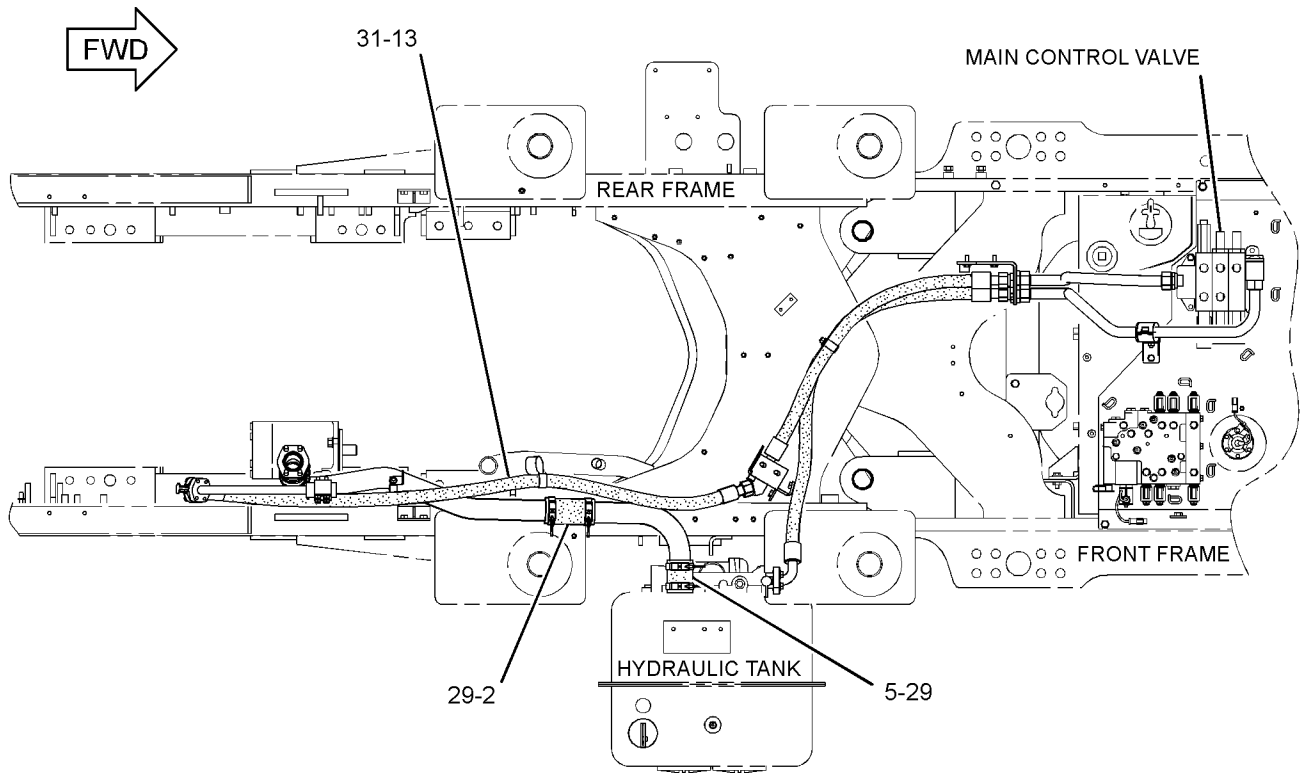
HYDRAULIC SYSTEM

214-1705 LINES GP-HYDRAULIC (contd.)

i02758537

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	38	2	7D-7233	4	CLIP						
	39	2	7X-7729	3	WASHER (11X25X3-MM THK)						
	40	2	8C-3206	2	FLANGE-HALF						
C	41	2	8T-4121	14	WASHER-HARD (11X21X2.5-MM THK)						
CM	42	2	8T-4133	2	NUT (M10X1.5-THD)						
CM	43	2	8T-4137	2	BOLT (M10X1.5X20-MM)						
M	44	2	8T-4183	4	BOLT (M12X1.75X40-MM)						
M	45	2	8T-4184	4	BOLT (M12X1.75X45-MM)						
M	46	2	8T-4192	2	BOLT (M12X1.75X25-MM)						
CM	47	2	8T-4195	6	BOLT (M10X1.5X30-MM)						
	48	2	8T-4223	6	WASHER-HARD (13.5X25.5X3-MM THK)						
M	49	2	8T-5005	4	BOLT (M10X1.5X70-MM)						
	50	2	8T-5360	4	WASHER (12X22.5X2.5-MM THK)						
M	51	2	8T-6466	4	BOLT (M10X1.5X60-MM)						

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



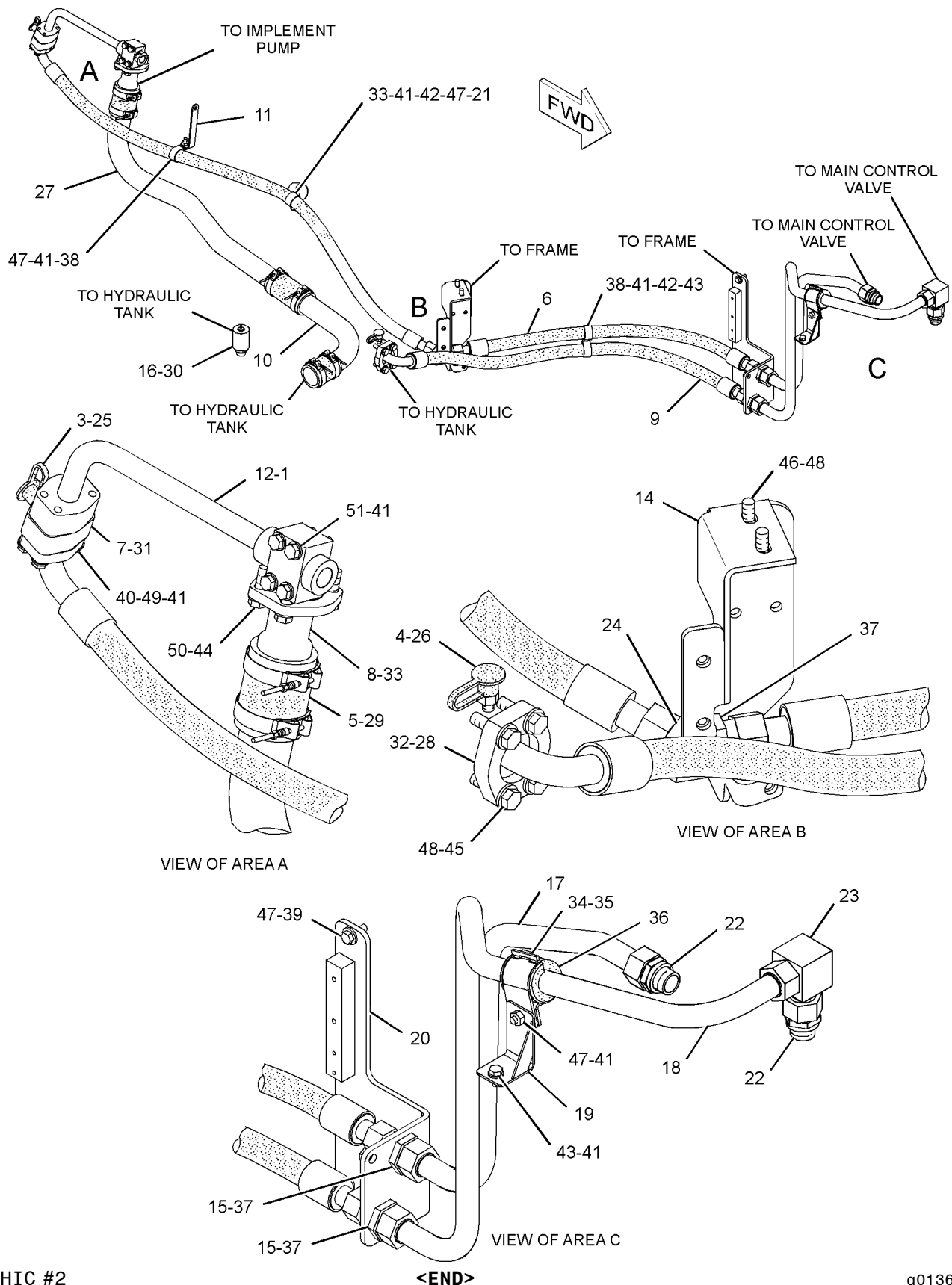
GRAPHIC #1

g01368967

HYDRAULIC SYSTEM

214-1705 LINES GP-HYDRAULIC (contd.)

i02758537



GRAPHIC #2

<END>

g01368264

HYDRAULIC SYSTEM

231 - 8627 LINES GP - HYDRAULIC FAN

S/N: ASX1-UP

PART OF 226-9597, 302-1353 HYDRAULIC AR

SMCS-1386, 1387, 5057

i01990111

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
YR	1	1	161-8919	1	MOTOR GP-PISTON (HYDRAULIC FAN)	710
	2	1	198-8689	1	PLATE-MOUNTING	
I	3	1	228-7049	1	HOSE AS	
I	4	1	228-7053	1	HOSE AS	
I	5	1	233-0918	1	HOSE AS	
	6	1	148-8327	2	CONNECTOR AS	
					(EACH INCLUDES)	
		1	3D-2824	1	SEAL-O-RING	
		1	6V-8637	1	CONNECTOR	
		1	6V-9746	1	SEAL-O-RING	
7	1	1	148-8359	1	ELBOW AS	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-9746	1	SEAL-O-RING	
		1	6V-9877	1	ELBOW	
8	1	1	4J-5267	3	SEAL-O-RING	
9	1	1	5P-1076	2	WASHER-HARD (13.5X30X4-MM THK)	
10	1	1	5P-7854	3	CLIP	
11	1	1	7X-0515	1	WASHER-HARD (17X35X5-MM THK)	
12	1	1	8C-3205	6	FLANGE-HALF	
13	1	1	8T-4121	17	WASHER-HARD (11X21X2.5-MM THK)	
M	14	1	8T-4132	1	NUT (M16X2-THD)	
M	15	1	8T-4185	3	BOLT (M10X1.5X50-MM)	
M	16	1	8T-4195	14	BOLT (M10X1.5X30-MM)	
M	17	1	8T-4956	2	BOLT (M12X1.75X35-MM)	

I-REFER TO HYDRAULIC INFORMATION SYSTEM

M-METRIC PART

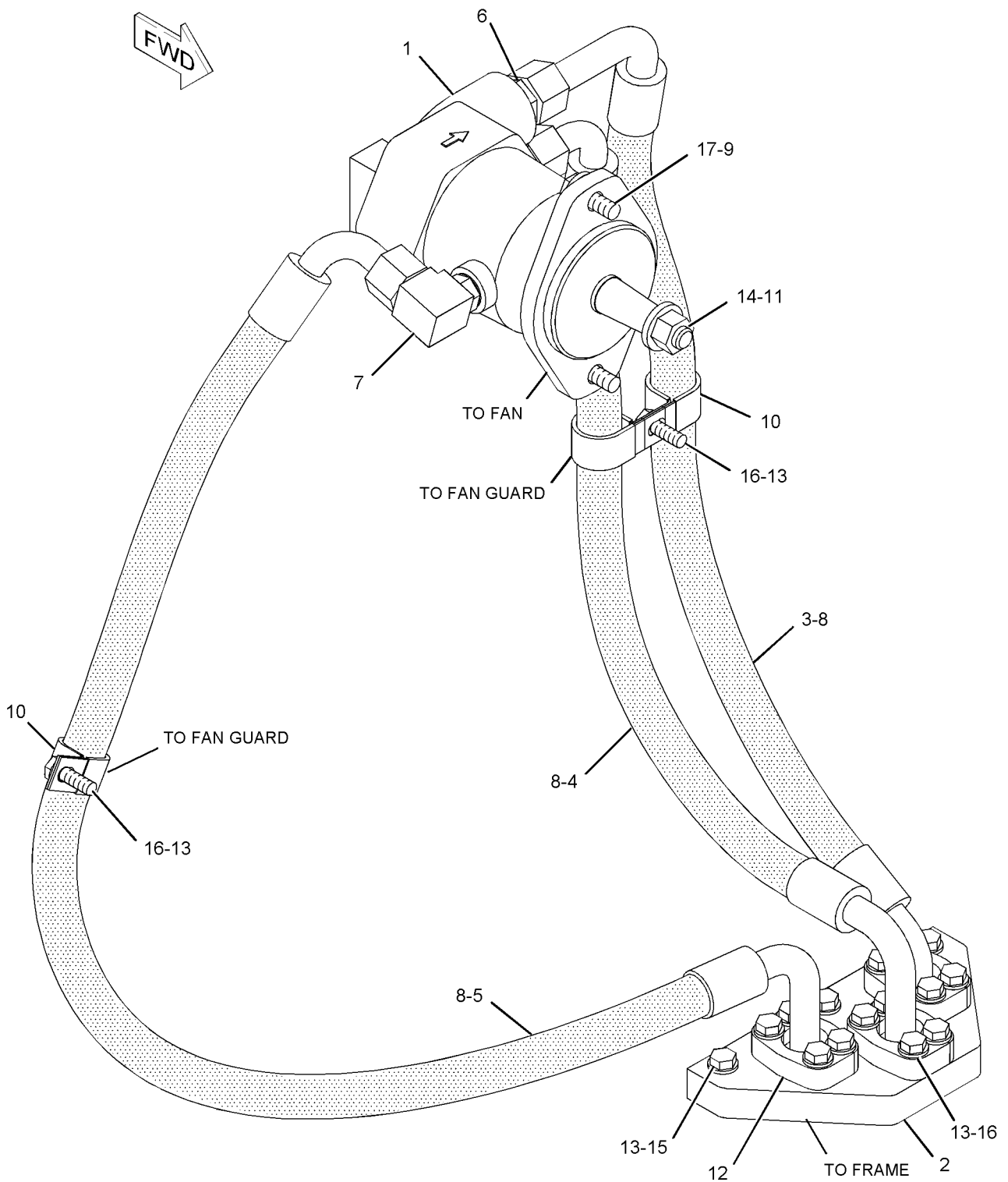
R-REMFG PART MAY BE AVAILABLE

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

231-8627 LINES GP-HYDRAULIC FAN (contd.)

i01990111



GRAPHIC #1

<END>

g01033519

HYDRAULIC SYSTEM

234-4913 LINES GP-HYDRAULIC OIL COOLER

S/N: ASX1-299

PART OF 226-9597 HYDRAULIC AR

SMCS-1374, 5057

i02763843

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	6B-6205	2	SPACER (0.438X0.875X1.281-IN THK)	
	2	2	6V-0852	1	CAP-DUST	
	3	1	8C-3451	1	CAP-DUST	
	4	2	8J-9990	1	PLUG-ORIFICE	
	5	2	8R-0752	1	ADAPTER	
	6	2	9J-3866	1	ADAPTER	
I	7	1	121-3286	1	HOSE AS	
	8	1	148-8440	1	TEE GP-ORFS	
		1	3D-2824	1	SEAL-O-RING	
		1	6V-9746	1	SEAL-O-RING	
		1	8C-0569	1	TEE-O-RING	
	9	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	
	10	2	151-6730	1	SPACER (11X25X55-MM THK)	
	11	1, 2	163-5382	2	SPACER (10.5X25X0.25-MM THK)	
	12	2	176-7319	1	BRACKET AS	
Y	13	2	191-8735	1	VALVE GP-DEMAND FAN	734
I	14	1	199-7861	1	HOSE AS	
	15	1	199-9194	1	SPACER	
I	16	2	202-1414	1	HOSE AS	
I	17	2	205-0770	1	HOSE AS	
	18	1	209-6282	1	CROSS AS	
I	19	2	228-7041	1	HOSE AS	
I	20	2	228-7042	1	HOSE AS	
	21	1	228-7043	1	TUBE AS	
	22	1	228-7044	1	TUBE AS	
	23	1	228-7045	1	BRACKET AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
I	24	1	228-7046	1	HOSE AS	
I	25	1	228-7048	1	HOSE AS	
I	26	1	233-2662	1	HOSE AS	
	27	1	233-5232	1	TUBE AS	
I	28	1	233-5233	1	HOSE AS	
	29	1	233-7419	1	STRAINER (HYDRAULIC OIL SCREEN)	
I	30	1	246-1027	1	HOSE AS	
I	31	1	259-7151	1	HOSE AS	
	32	2	263-9991	1	BRACKET AS	
I	33	2	263-9993	1	HOSE AS	
	34	1	148-8307	1	ADAPTER AS	
		1	3J-1907	1	SEAL-O-RING	
		1	5P-8874	1	ADAPTER	
	35	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	
	36	2	148-8353	2	ELBOW AS	
					(EACH INCLUDES)	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	6V-9001	1	ELBOW	
	37	1	148-8365	1	ELBOW AS	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-8398	1	SEAL-O-RING	
		1	8T-6876	1	ELBOW	

HYDRAULIC SYSTEM

234-4913 LINES GP-HYDRAULIC OIL COOLER (contd.)

i02763843

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	38	2	148-8376	1	ELBOW AS	
		2	6V-8983	1	ELBOW	
		2	6V-9746	2	SEAL-O-RING	
	39	2	148-8378	1	ELBOW AS	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
		2	6V-8724	1	ELBOW	
	40	1	148-8388	1	ELBOW AS	
		1	2M-9780	1	SEAL-O-RING	
		1	6V-8629	1	ELBOW	
		1	6V-9746	1	SEAL-O-RING	
	41	2	148-8390	1	ELBOW AS	
		2	2M-9780	1	SEAL-O-RING	
		2	6V-8626	1	ELBOW	
		2	7J-9108	1	SEAL-O-RING	
	42	2	148-8449	1	TEE AS-SWIVEL	
		2	6V-9746	2	SEAL-O-RING	
		2	6V-9839	1	TEE-SWIVEL	
	43	2	150-4043	1	CONNECTOR AS	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8398	1	SEAL-O-RING	
		2	6V-9873	1	CONNECTOR	
	44	2	150-4047	1	ADAPTER AS	
		2	3J-7354	1	SEAL-O-RING	
		2	8T-2353	1	ADAPTER	
	45	2	155-3624	1	PLUG AS	
		2	3J-7354	1	SEAL-O-RING	
		2	9S-4182	1	PLUG-O-RING	
	46	2	164-5567	1	FITTING AS (QUICK DISCONNECT, MALE)	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-3965	1	FITTING-COUPLER	
	47	1	164-5590	1	VALVE AS-FLUID SAMPLING (HYDRAULIC OIL)	
		1	3J-7354	1	SEAL-O-RING	
		1	8C-3446	1	VALVE-FLUID SAMPLING	
	48	2	164-6862	1	TEE AS	
		2	6V-9160	1	TEE-FACE SEAL	
		2	6V-9746	3	SEAL-O-RING	
Y	49	1	171-6722	1	VALVE GP-CHECK (HYDRAULIC OIL COOLER BYPASS)	730
	50	1,2	1P-4579	4	FLANGE-HALF	
	51	2	2P-1293	2	LOCKNUT (1-3/16-12-THD)	
	52	2	3J-1907	1	SEAL-O-RING	
	53	1	3P-2404	1	CLIP	
	54	2	4J-0520	2	SEAL-O-RING	
	55	1,2	4J-0524	3	SEAL-O-RING	
	56	1	4J-5267	4	SEAL-O-RING	
	57	2	5P-1075	1	WASHER-HARD (10.2X22.5X3-MM THK)	
	58	1,2	5P-7468	4	CLIP (SLOT)	
	59	1,2	5P-7469	4	CLIP (TAB)	
	60	1	5P-7854	5	CLIP	
	61	1,2	6D-4246	9	CLIP	
	62	1,2	6V-0545	4	GROMMET	
	63	1	6V-1889	2	CLIP	
	64	1	6V-9746	5	SEAL-O-RING	
	65	1	7C-4354	3	CLIP	
	66	2	7X-0288	2	BOLT (3/8-16X1.625-IN)	
	67	1	7X-7729	2	WASHER (11X25X3-MM THK)	
	68	1	8C-3205	6	FLANGE-HALF	
	69	2	8C-3206	2	FLANGE-HALF	
	70	1,2	8T-4121	35	WASHER-HARD (11X21X2.5-MM THK)	

HYDRAULIC SYSTEM

234-4913 LINES GP-HYDRAULIC OIL COOLER (contd.)

i02763843

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	71	1	8T-4133	1	NUT (M10X1.5-THD)						
M	72	1,2	8T-4136	13	BOLT (M10X1.5X25-MM)						
M	73	2	8T-4137	1	BOLT (M10X1.5X20-MM)						
M	74	1,2	8T-4182	2	BOLT (M10X1.5X45-MM)						
M	75	1	8T-4184	4	BOLT (M12X1.75X45-MM)						
M	76	1	8T-4186	1	BOLT (M10X1.5X40-MM)						
M	77	1	8T-4195	9	BOLT (M10X1.5X30-MM)						
	78	1,2	8T-4223	8	WASHER-HARD (13.5X25.5X3-MM THK)						
M	79	2	8T-4648	4	BOLT (M12X1.75X70-MM)						
	80	2	8T-4896	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
M	81	2	8T-5005	5	BOLT (M10X1.5X70-MM)						
M	82	1	8T-6466	6	BOLT (M10X1.5X60-MM)						
	83	2	8T-9378	1	BOLT (3/8-16X4-IN)						

I - REFER TO HYDRAULIC INFORMATION SYSTEM

M - METRIC PART

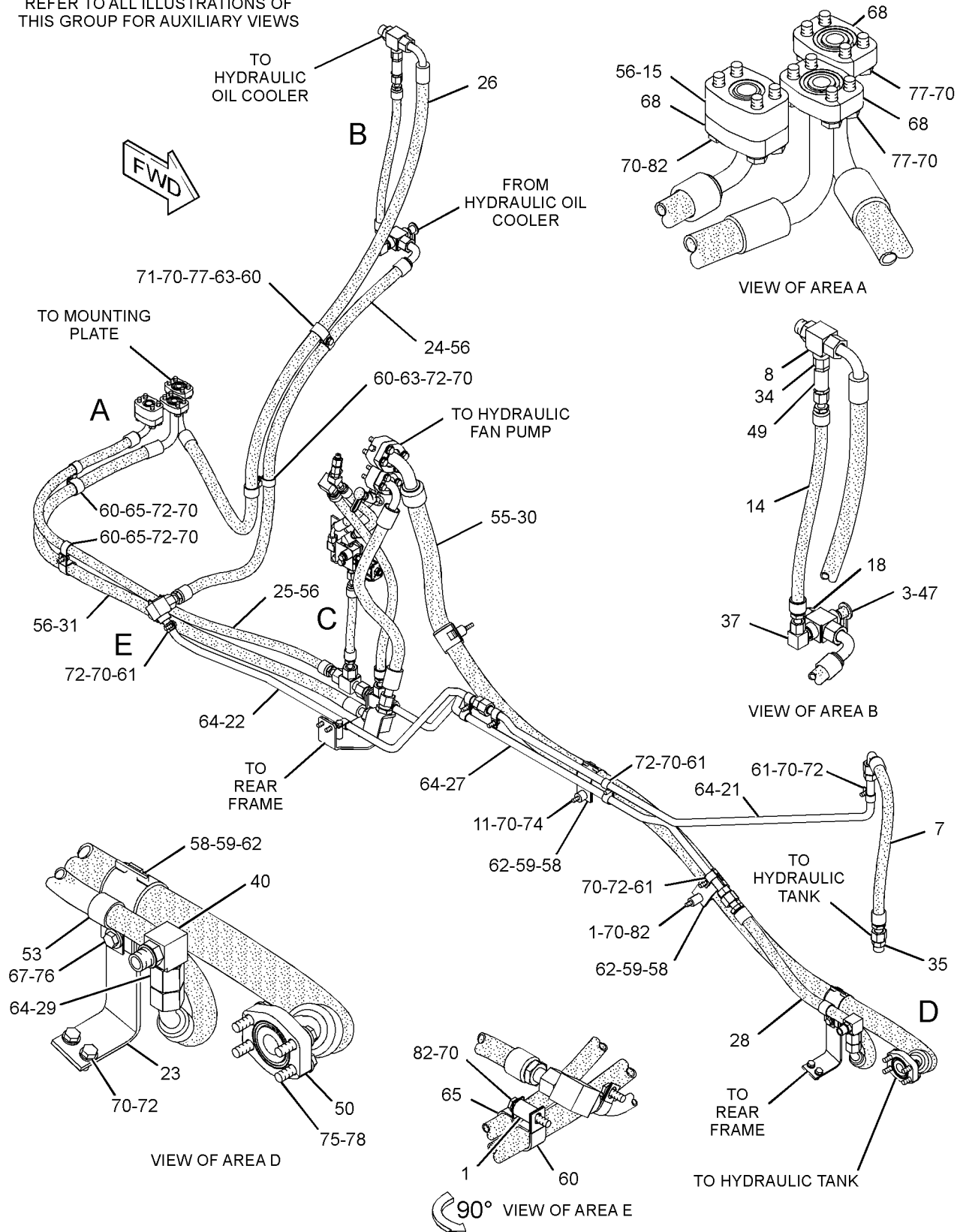
Y - SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

234-4913 LINES GP-HYDRAULIC OIL COOLER (contd.)

i02763843

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



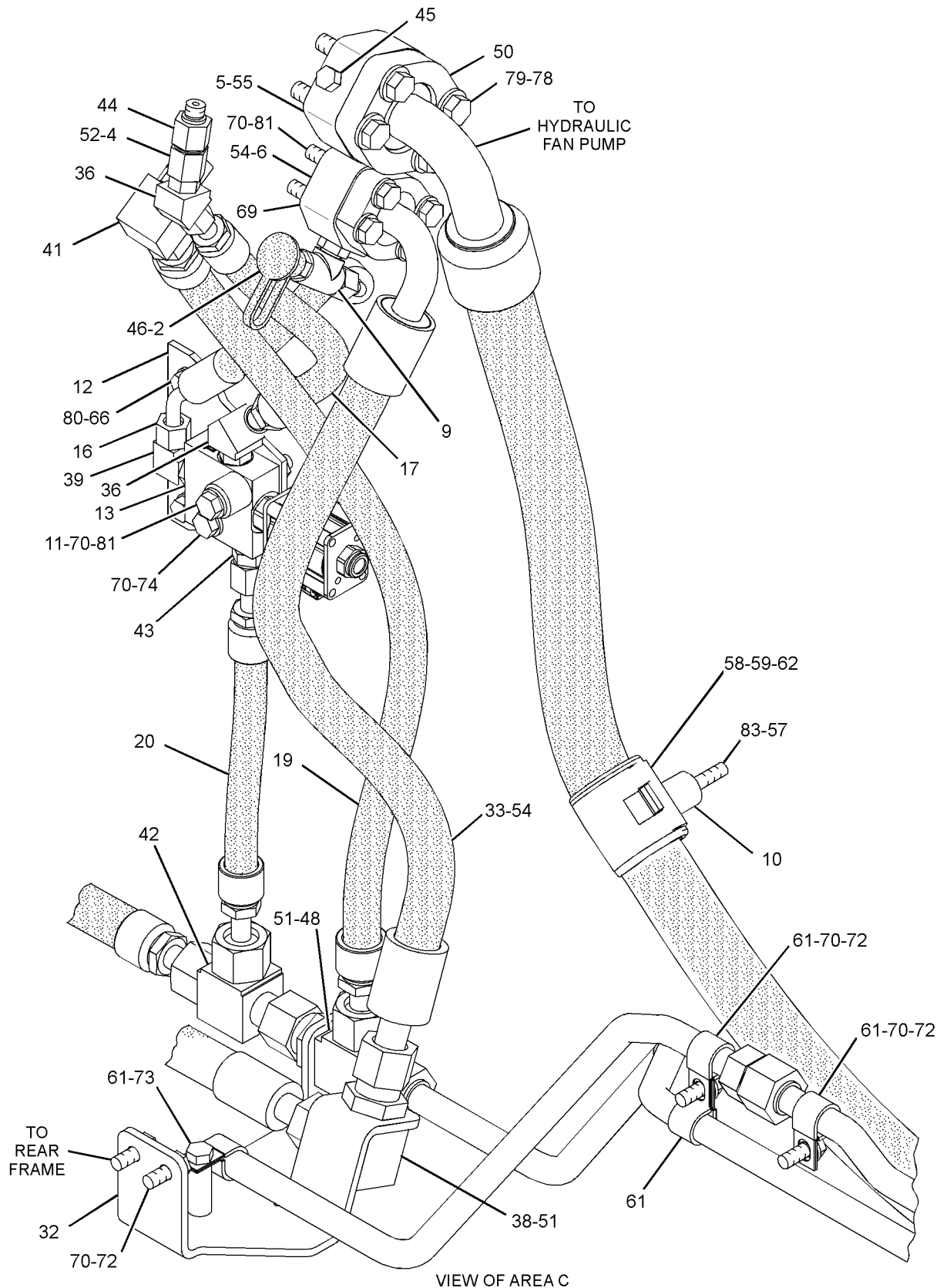
GRAPHIC #1

g01251216

HYDRAULIC SYSTEM

234-4913 LINES GP-HYDRAULIC OIL COOLER (contd.)

i02763843



GRAPHIC #2

<END>

g01251217

HYDRAULIC SYSTEM

234-4913 LINES GP-HYDRAULIC OIL COOLER

S/N: ASX300-UP

PART OF 302-1353 HYDRAULIC AR

SMCS-1374, 5057

i02763842

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	6B-6205	2	SPACER (0.438X0.875X1.281-IN THK)	
	2	2	6V-0852	1	CAP-DUST	
	3	1	8C-3451	1	CAP-DUST	
	4	2	8J-9990	1	PLUG-ORIFICE	
	5	2	8R-0752	1	ADAPTER	
	6	2	9J-3866	1	ADAPTER	
I	7	1	104-5912	1	HOSE AS	
	8	1	148-8440	1	TEE GP-ORFS	
		1	3D-2824	1	SEAL-O-RING	
		1	6V-9746	1	SEAL-O-RING	
		1	8C-0569	1	TEE-O-RING	
	9	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	
C	10	1	163-5382	1	SPACER (10.5X25X0.25-MM THK)	
	11	2	176-7319	1	BRACKET AS	
Y	12	2	191-8735	1	VALVE GP-DEMAND FAN	734
I	13	1	199-7861	1	HOSE AS	
	14	1	199-9194	1	SPACER	
I	15	2	202-1414	1	HOSE AS	
I	16	2	205-0770	1	HOSE AS	
	17	1	209-6282	1	CROSS AS	
C	18	2	228-7031	1	BRACKET AS	
M		2	8T-3490	1	NUT-WELD (M10X1.5-THD)	
I	19	2	228-7042	1	HOSE AS	
	20	1	228-7043	1	TUBE AS	
	21	1	228-7044	1	TUBE AS	
	22	1	228-7045	1	BRACKET AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
I	23	1	228-7046	1	HOSE AS	
I	24	1	228-7048	1	HOSE AS	
I	25	1	233-2662	1	HOSE AS	
	26	1	233-5232	1	TUBE AS	
I	27	1	233-5233	1	HOSE AS	
	28	1	233-7419	1	STRAINER (HYDRAULIC OIL SCREEN)	
I	29	1	259-7151	1	HOSE AS	
	30	2	263-9991	1	BRACKET AS	
I	31	2	263-9993	1	HOSE AS	
CI	32	1	299-9089	1	HOSE AS	
CI	33	2	305-4110	1	HOSE AS	
	34	1	148-8307	1	ADAPTER AS	
		1	3J-1907	1	SEAL-O-RING	
		1	5P-8874	1	ADAPTER	
C	35	2	148-8315	1	CONNECTOR AS	
		2	2M-9780	1	SEAL-O-RING	
		2	6V-8642	1	CONNECTOR	
		2	7J-9108	1	SEAL-O-RING	
	36	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	
	37	2	148-8353	2	ELBOW AS	
					(EACH INCLUDES)	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	

HYDRAULIC SYSTEM

234-4913 LINES GP-HYDRAULIC OIL COOLER (contd.)

i02763842

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		2	6V-9001	1	ELBOW						
	38	1	148-8365	1	ELBOW AS						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8398	1	SEAL-O-RING						
		1	8T-6876	1	ELBOW						
	39	2	148-8376	1	ELBOW AS						
		2	6V-8983	1	ELBOW						
		2	6V-9746	2	SEAL-O-RING						
	40	2	148-8378	1	ELBOW AS						
		2	3J-1907	1	SEAL-O-RING						
		2	6V-8397	1	SEAL-O-RING						
		2	6V-8724	1	ELBOW						
	41	1	148-8388	1	ELBOW AS						
		1	2M-9780	1	SEAL-O-RING						
		1	6V-8629	1	ELBOW						
		1	6V-9746	1	SEAL-O-RING						
	42	2	148-8449	1	TEE AS-SWIVEL						
		2	6V-9746	2	SEAL-O-RING						
		2	6V-9839	1	TEE-SWIVEL						
	43	2	150-4043	1	CONNECTOR AS						
		2	3J-1907	1	SEAL-O-RING						
		2	6V-8398	1	SEAL-O-RING						
		2	6V-9873	1	CONNECTOR						
	44	2	150-4047	1	ADAPTER AS						
		2	3J-7354	1	SEAL-O-RING						
		2	8T-2353	1	ADAPTER						
	45	2	155-3624	1	PLUG AS						
		2	3J-7354	1	SEAL-O-RING						
		2	9S-4182	1	PLUG-O-RING						
	46	2	164-5567	1	FITTING AS (QUICK DISCONNECT, MALE)						
		2	3J-1907	1	SEAL-O-RING						
		2	6V-3965	1	FITTING-COUPLER						
	47	1	164-5590	1	VALVE AS-FLUID SAMPLING (HYDRAULIC OIL)						
		1	3J-7354	1	SEAL-O-RING						
		1	8C-3446	1	VALVE-FLUID SAMPLING						
	48	2	164-6862	1	TEE AS						
		2	6V-9160	1	TEE-FACE SEAL						
		2	6V-9746	3	SEAL-O-RING						
Y	49	1	171-6722	1	VALVE GP-CHECK (HYDRAULIC OIL COOLER BYPASS)						730
	50	1,2	1P-4579	4	FLANGE-HALF						
	51	2	2P-1293	2	LOCKNUT (1-3/16-12-THD)						
	52	2	3J-1907	1	SEAL-O-RING						
	53	1	3P-2404	1	CLIP						
	54	2	4J-0520	2	SEAL-O-RING						
	55	1,2	4J-0524	3	SEAL-O-RING						
	56	1	4J-5267	4	SEAL-O-RING						
C	57	2	5P-7466	1	CLIP (SLOT)						
C	58	2	5P-7467	1	CLIP (TAB)						
	59	1,2	5P-7468	4	CLIP (SLOT)						
	60	1,2	5P-7469	4	CLIP (TAB)						
	61	1	5P-7854	5	CLIP						
C	62	2	5P-8112	1	GROMMET						
	63	1,2	6D-4246	9	CLIP						
	64	1,2	6V-0545	4	GROMMET						
	65	1	6V-1889	2	CLIP						
	66	1	6V-9746	5	SEAL-O-RING						
	67	1	7C-4354	3	CLIP						
	68	2	7X-0288	2	BOLT (3/8-16X1.625-IN)						
C	69	1	7X-7729	1	WASHER (11X25X3-MM THK)						

HYDRAULIC SYSTEM

234-4913 LINES GP-HYDRAULIC OIL COOLER (contd.)

i02763842

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	70	1	8C-3205	6	FLANGE-HALF	
	71	2	8C-3206	2	FLANGE-HALF	
C	72	1,2	8T-4121	39	WASHER-HARD (11X21X2.5-MM THK)	
CM	73	1,2	8T-4133	2	NUT (M10X1.5-THD)	
M	74	1,2	8T-4136	13	BOLT (M10X1.5X25-MM)	
M	75	2	8T-4137	1	BOLT (M10X1.5X20-MM)	
CM	76	1,2	8T-4182	3	BOLT (M10X1.5X45-MM)	
M	77	1	8T-4184	4	BOLT (M12X1.75X45-MM)	
M	78	1	8T-4186	1	BOLT (M10X1.5X40-MM)	
CM	79	1,2	8T-4195	10	BOLT (M10X1.5X30-MM)	
CM	80	2	8T-4196	1	BOLT (M10X1.5X35-MM)	
	81	1,2	8T-4223	8	WASHER-HARD (13.5X25.5X3-MM THK)	
M	82	2	8T-4648	4	BOLT (M12X1.75X70-MM)	
	83	2	8T-4896	2	WASHER-HARD (10.2X18.5X2.5-MM THK)	
CM	84	2	8T-5005	4	BOLT (M10X1.5X70-MM)	
M	85	1	8T-6466	6	BOLT (M10X1.5X60-MM)	
C	86	1	9X-8250	1	CLIP	

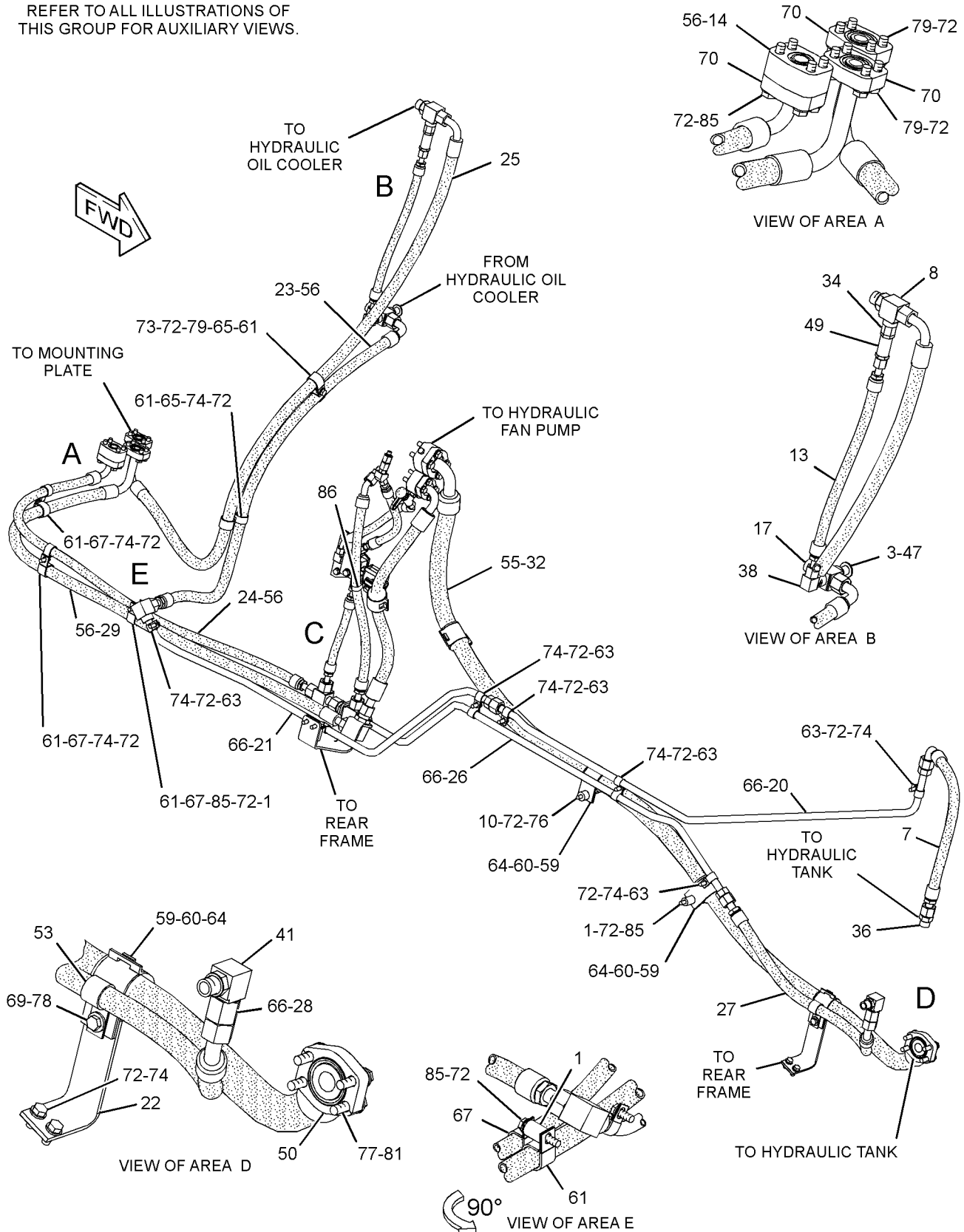
C- CHANGE FROM PREVIOUS TYPE
I- REFER TO HYDRAULIC INFORMATION SYSTEM
M- METRIC PART
Y- SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

234-4913 LINES GP-HYDRAULIC OIL COOLER (contd.)

i02763842

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS.



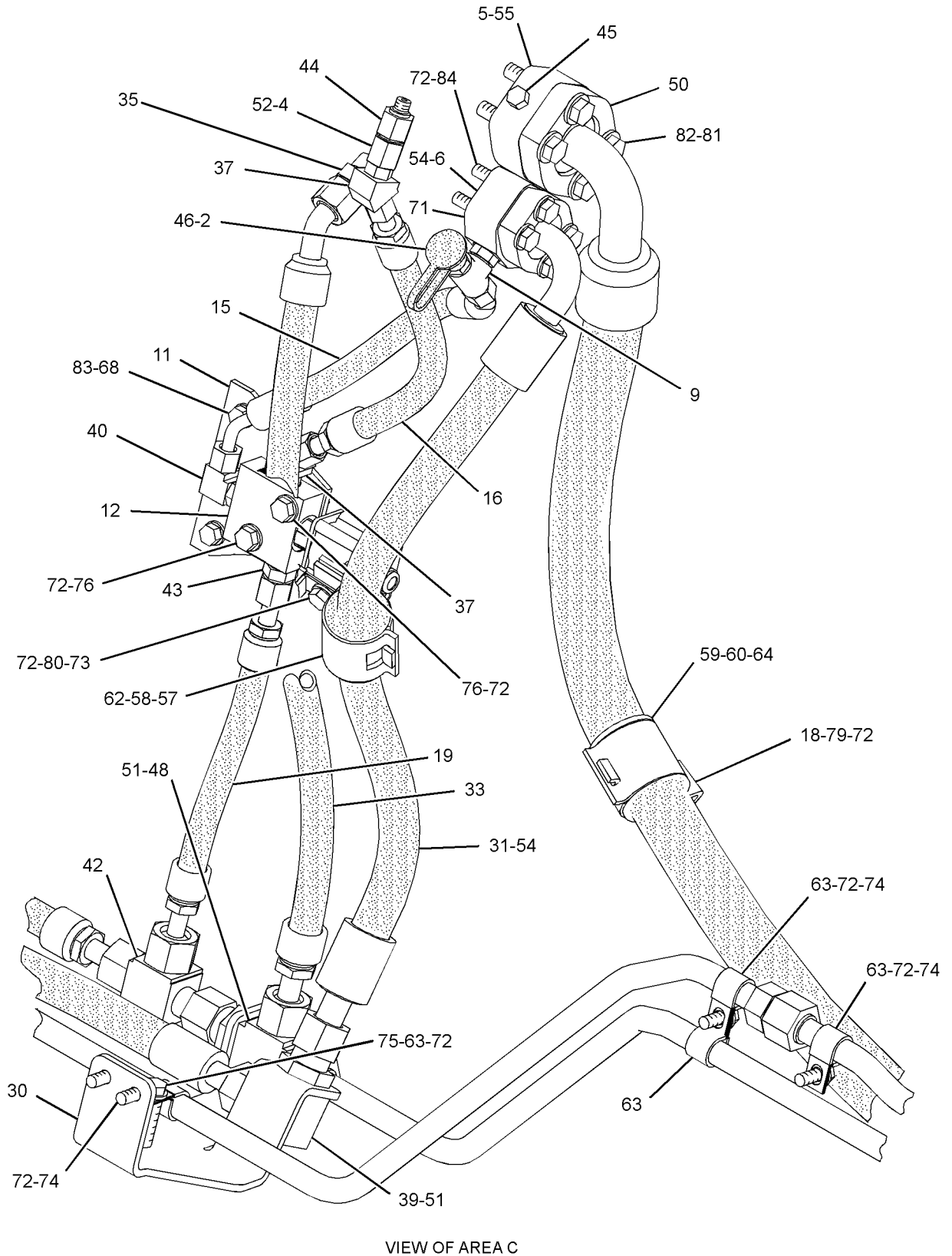
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g01376261

HYDRAULIC SYSTEM

234-4913 LINES GP-HYDRAULIC OIL COOLER (contd.)

i02763842



GRAPHIC #2

<END>

g01376262

HYDRAULIC SYSTEM

116-2428 LINES GP-LIFT CYLINDER

S/N: ASX1-UP

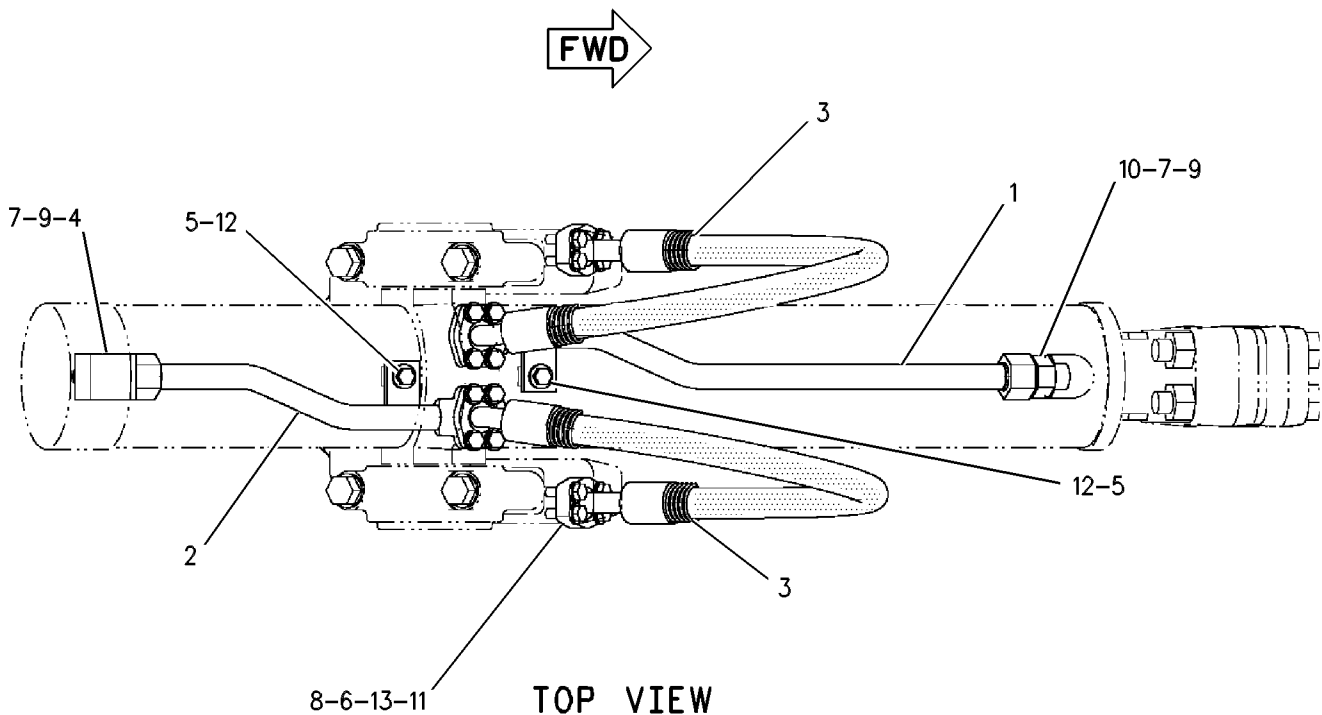
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AR-STRAIGHT, 239-3528, 263-6868 BULLDOZER AR-UNIVERSAL
AN ATTACHMENT

SMCS-5057, 5102

i00173474

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	117-7701	1	TUBE AS						
	2	1	117-7702	1	TUBE AS						
I	3	1	117-7703	2	HOSE AS						
	4	1	8T-6684	1	ELBOW						
	5	1	7X-7729	2	WASHER (11X25X3-MM THK)						
	6	1	8T-4121	16	WASHER-HARD (11X21X2.5-MM THK)						
	7	1	3D-2824	2	SEAL-O-RING						
	8	1	4J-5267	4	SEAL-O-RING						
	9	1	5K-9090	2	SEAL-O-RING						
	10	1	6V-8714	1	CONNECTOR						
	11	1	8C-3205	8	FLANGE-HALF						
M	12	1	8T-4136	2	BOLT (M10X1.5X25-MM)						
M	13	1	8T-4196	16	BOLT (M10X1.5X35-MM)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART



GRAPHIC #1

<END>

g00122218

HYDRAULIC SYSTEM

117-3211 LINES GP-LIFT CYLINDER

S/N: ASX1-UP

PART OF 226-9597, 302-1353 HYDRAULIC AR

SMCS-5057, 5102

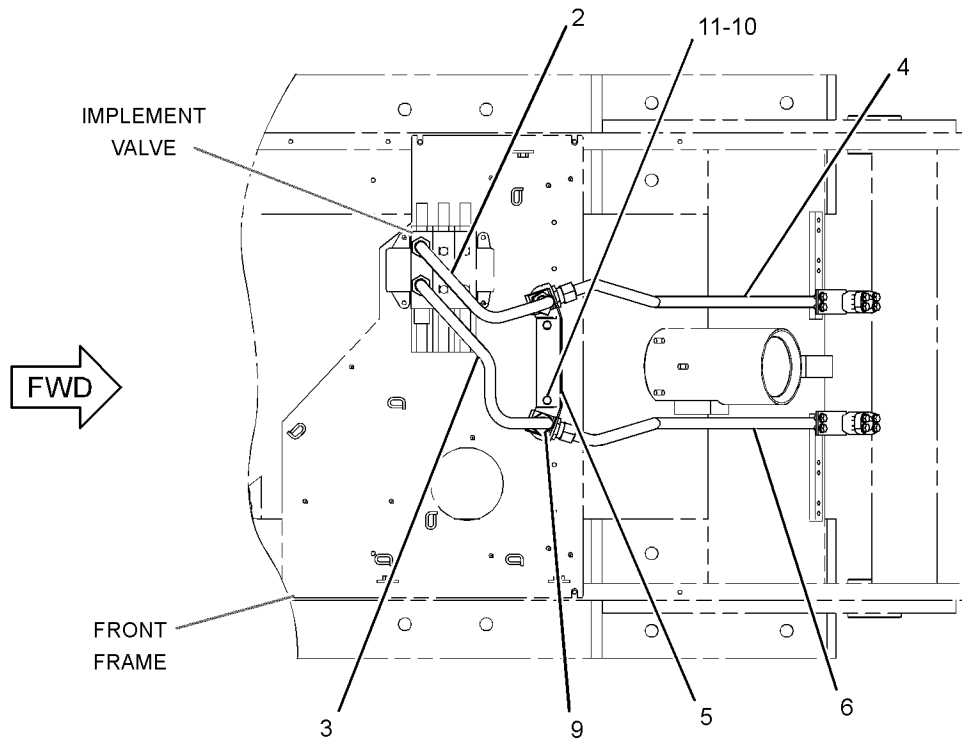
i02344755

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	131-7738	2	PLATE						
	2	1	268-3234	1	TUBE AS						
	3	1	268-3237	1	TUBE AS						
	4	1	268-3239	2	TUBE AS						
	5	1	268-3368	1	ANGLE						
	6	1	268-9014	1	TUBE AS						
	7	1	148-8317	2	CONNECTOR AS						
					(EACH INCLUDES)						
		1	3D-2824	1	SEAL-O-RING						
		1	5K-9090	1	SEAL-O-RING						
		1	6V-8714	1	CONNECTOR						
	8	1	164-5577	2	ELBOW AS						
					(EACH INCLUDES)						
		1	5K-9090	2	SEAL-O-RING						
		1	6V-8984	1	ELBOW						
	9	1	6V-9172	2	NUT (1-7/16-12-THD)						
	10	1	8T-4121	10	WASHER-HARD (11X21X2.5-MM THK)						
M	11	1	8T-4137	10	BOLT (M10X1.5X20-MM)						
M-METRIC PART											

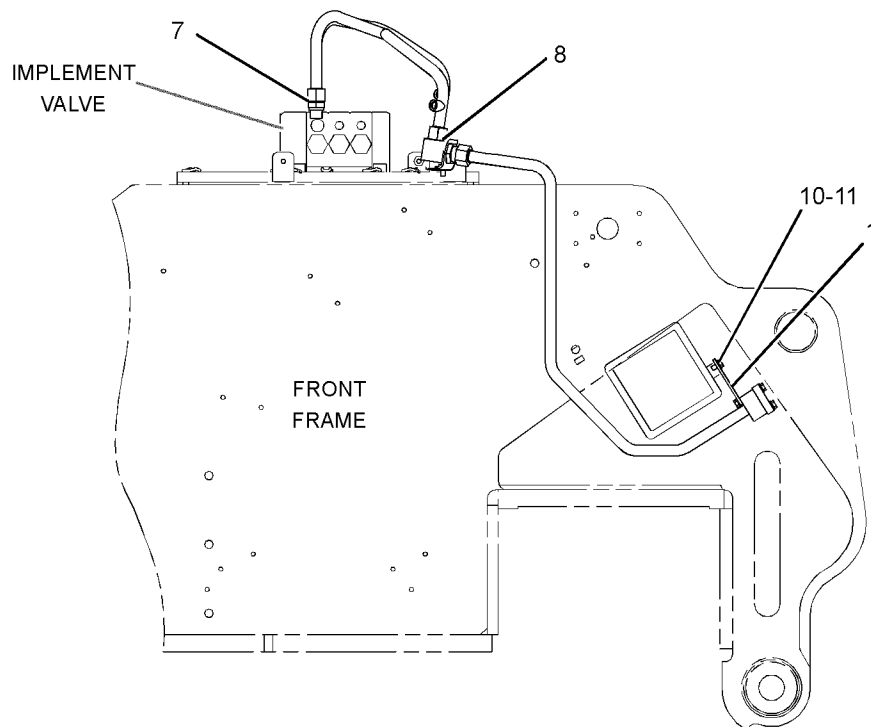
HYDRAULIC SYSTEM

117-3211 LINES GP-LIFT CYLINDER (contd.)

i02344755



TOP VIEW



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g01172664

HYDRAULIC SYSTEM

228 - 7070 LINES GP - PILOT

S/N: ASX1-UP

PART OF 226-9597, 302-1353 HYDRAULIC AR

SMCS-5057, 5059

i02758544

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	6V-0852	1	CAP-DUST	
I	2	2	7T-0628	1	HOSE AS	
I	4	2	8W-0036	1	HOSE AS	
I	5	2	8W-0125	2	HOSE AS	
I	6	2	9R-7996	1	HOSE AS	
Y	7	2	9T-3096	2	VALVE GP-CHECK (HYDRAULIC)	729
	8	1	117-8911	2	CLAMP	
I	9	2	120-9549	1	HOSE AS	
	10	1	152-3411	1	ELBOW	
	11	2	164-5545	6	CONNECTOR AS (EACH INCLUDES)	
		2	3E-2335	1	CONNECTOR	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
	12	2	164-5567	1	FITTING AS (QUICK DISCONNECT, MALE)	
		2	6V-3965	1	FITTING-COUPLER	
		2	3J-1907	1	SEAL-O-RING	
	13	2	197-2666	1	BRACKET AS	
M		2	8T-3490	3	NUT-WELD (M10X1.5-THD)	
I	14	2	197-3048	2	HOSE AS	
	15	2	200-5978	1	STRAINER (HYDRAULIC)	
I	16	3	231-8633	1	HOSE AS	
M	17	2	8T-4136	1	BOLT (M10X1.5X25-MM)	
I	18	2	246-4194	1	HOSE AS	
	19	2	153-6241	1	ELBOW AS	
		2	6V-8398	1	SEAL-O-RING	
		2	8C-8989	1	ELBOW	
	20	2	148-8378	7	ELBOW AS (EACH INCLUDES)	
		2	6V-8724	1	ELBOW	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	1	SEAL-O-RING	
	21	2	148-8435	1	TEE AS	
		2	6V-8781	1	TEE-FACE SEAL	
		2	3J-1907	1	SEAL-O-RING	
		2	6V-8397	2	SEAL-O-RING	
	22	3	174-3181	1	ELBOW AS	
		3	3J-1907	1	SEAL-O-RING	
		3	6V-8398	1	SEAL-O-RING	
		3	8T-7521	1	ELBOW	
	23	1,2	1S-0994	3	CLIP	
	24	2	3J-1907	2	SEAL-O-RING	
	25	2	4S-1962	2	CLIP	
	26	1	5P-7462	2	CLIP (SLOT)	
	27	1	5P-7463	2	CLIP (TAB)	
	28	1	5P-7464	1	CLIP (SLOT)	
	29	1	5P-7465	1	CLIP (TAB)	
	30	1	6V-0683	2	GROMMET	
	31	1	6V-7359	1	GROMMET	
	32	1,2	6V-8397	4	SEAL-O-RING	
	33	1	6V-8398	2	SEAL-O-RING	
	34	2	4D-7735	1	CLIP	
	35	2	8S-0948	1	CLIP	
	36	1,2	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)	
M	37	1	8T-4133	1	NUT (M10X1.5-THD)	
M	38	1,2	8T-4137	4	BOLT (M10X1.5X20-MM)	

HYDRAULIC SYSTEM

228-7070 LINES GP-PILOT (contd.)

i02758544

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	39	1	8T-4139	1	BOLT (M12X1.75X30-MM)						
M	40	1	8T-4183	1	BOLT (M12X1.75X40-MM)						
	41	1	8T-4223	3	WASHER-HARD (13.5X25.5X3-MM THK)						
M	42	1	8T-4244	1	NUT (M12X1.75-THD)						
	43	2	3S-8665	1	CLIP						

I-REFER TO HYDRAULIC INFORMATION SYSTEM

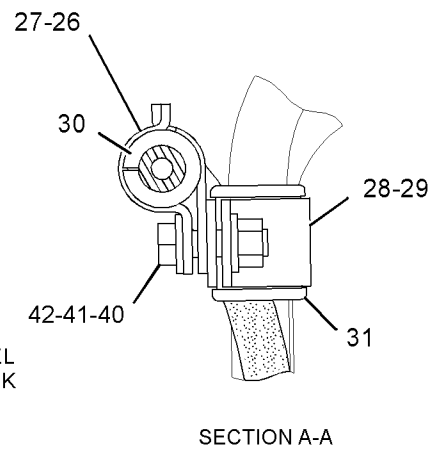
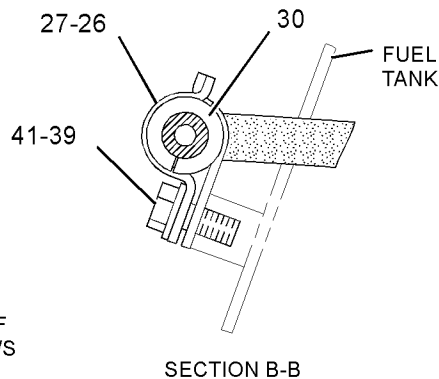
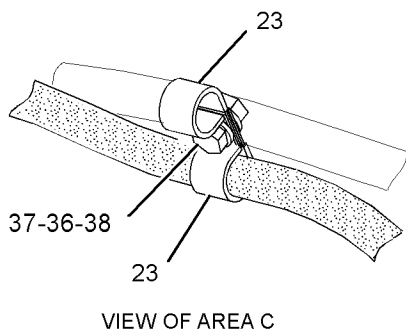
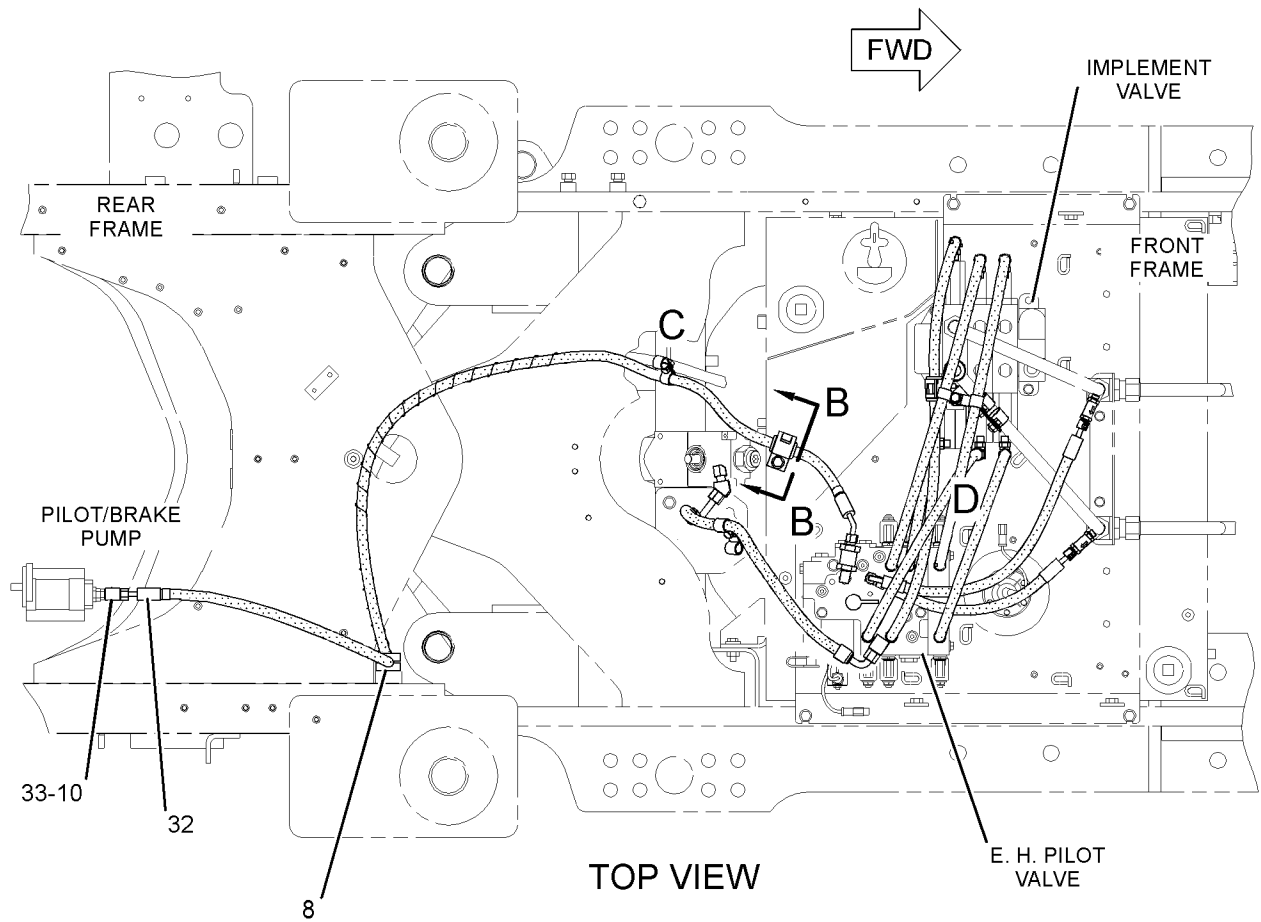
M-METRIC PART

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

228-7070 LINES GP-PILOT (contd.)

i02758544



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

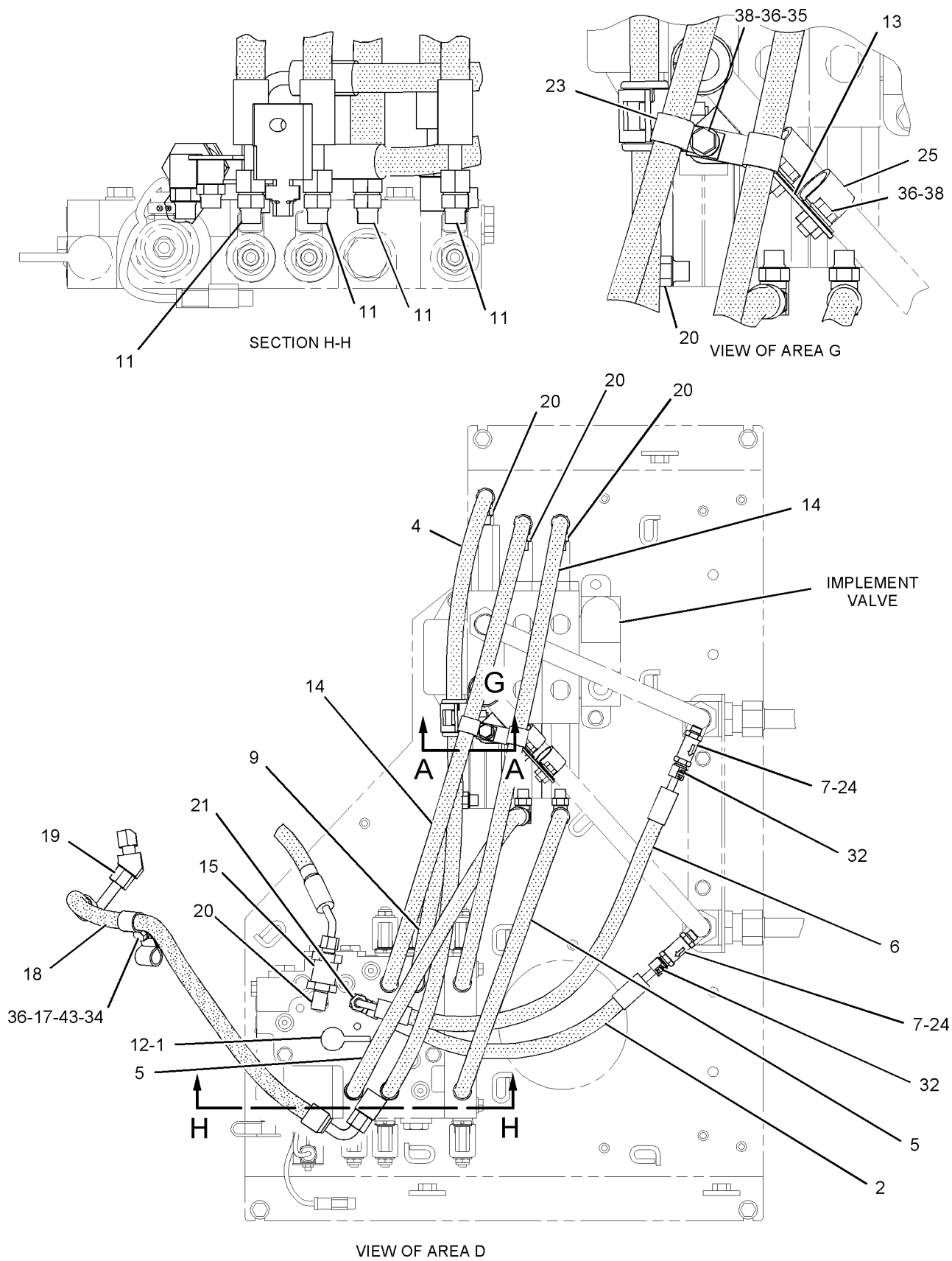
GRAPHIC #1

g01381291

HYDRAULIC SYSTEM

228-7070 LINES GP-PILOT (contd.)

i02758544



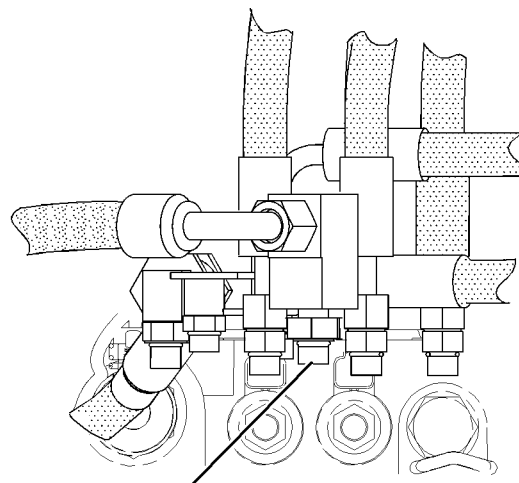
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g01117283

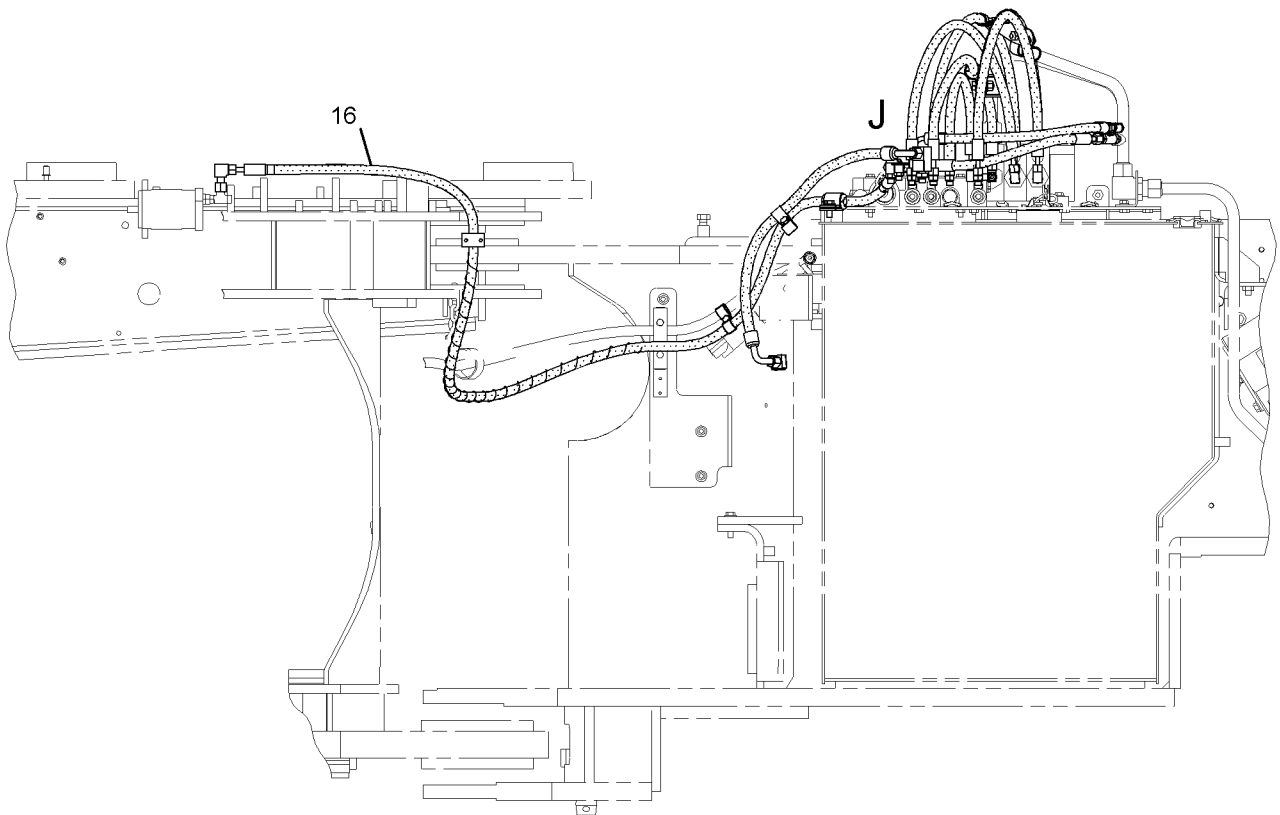
HYDRAULIC SYSTEM

228-7070 LINES GP-PILOT (contd.)

i02758544



22
VIEW OF AREA J



RIGHT SIDE VIEW
<END>

GRAPHIC #3

g01117284

HYDRAULIC SYSTEM

117-3217 LINES GP-TILT & TIP CYLINDER

S/N: ASX1-UP

PART OF 226-9597, 302-1353 HYDRAULIC AR

SMCS-5057, 5104, 5106

i02325348

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	8J-5913	2	VALVE GP-CHECK (TILT, TIP CYLINDER)	727
	2	1	131-0402	4	PLATE	
	3	1	117-4752	2	PLATE AS	
					(EACH INCLUDES)	
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)	
	4	1	120-9540	1	TUBE AS	
	5	1	120-9541	1	TUBE AS	
	6	1	269-0216	1	TUBE AS	
	7	1	120-9543	1	TUBE AS	
	8	1	120-9544	1	TUBE AS	
	9	1	131-7739	4	TUBE AS	
	12	1	148-8327	4	CONNECTOR AS	
					(EACH INCLUDES)	
		1	3D-2824	1	SEAL-O-RING	
		1	6V-8637	1	CONNECTOR	
		1	6V-9746	1	SEAL-O-RING	
	14	1	148-8449	2	TEE AS-SWIVEL	
					(EACH INCLUDES)	
		1	6V-9746	2	SEAL-O-RING	
		1	6V-9839	1	TEE-SWIVEL	
	15	1	148-8324	4	CONNECTOR AS	
					(EACH INCLUDES)	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-9746	1	SEAL-O-RING	
		1	6V-9874	1	CONNECTOR	
	16	1	148-8359	4	ELBOW AS	
					(EACH INCLUDES)	
		1	3K-0360	1	SEAL-O-RING	
		1	6V-9746	1	SEAL-O-RING	
		1	6V-9877	1	ELBOW	
	17	1	8T-4121	20	WASHER-HARD (11X21X2.5-MM THK)	
M	18	1	8T-4137	16	BOLT (M10X1.5X20-MM)	
M	19	1	8T-5005	4	BOLT (M10X1.5X70-MM)	

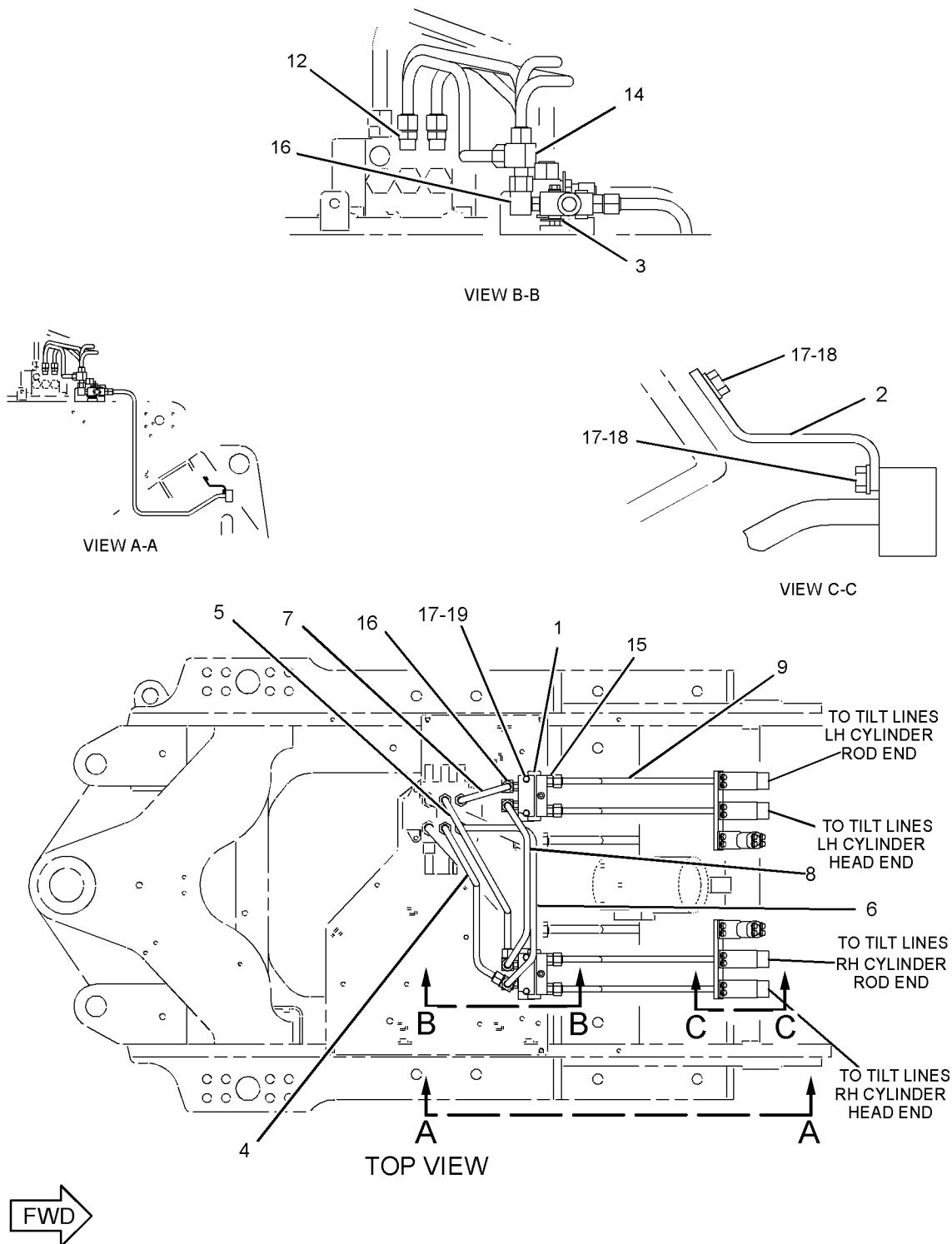
M-METRIC PART

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

117-3217 LINES GP-TILT & TIP CYLINDER (contd.)

i02325348



GRAPHIC #1

<END>

g01172580

HYDRAULIC SYSTEM

116-2429 LINES GP-TILT CYLINDER

S/N: ASX1-UP

PART OF 262-6863, 281-0560 BULLDOZER AR, 262-6864, 262-6865 BULLDOZER
AR-STRAIGHT, 239-3528, 263-6868 BULLDOZER AR-UNIVERSAL
AN ATTACHMENT

SMCS-5057, 5104

i01966343

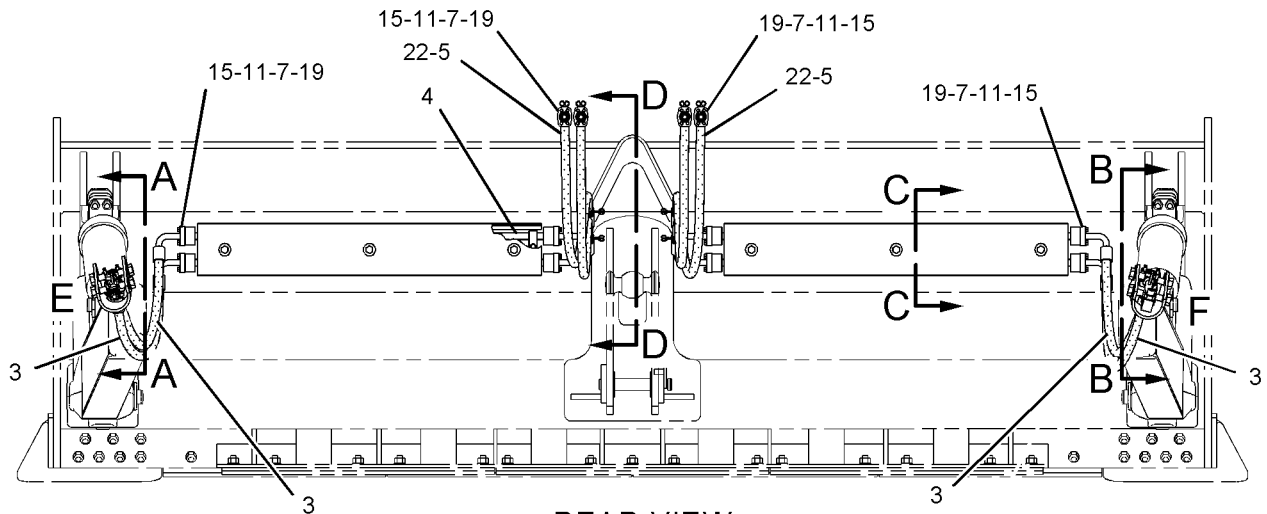
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4T-3981	8	CLIP						
CM	2	1	7X-2573	8	BOLT (M24X3X40-MM)						
I	3	1	172-8283	4	HOSE AS						
	4	1	117-4056	4	TUBE AS						
CI	5	1	131-2431	4	HOSE AS						
	6	1	118-0665	2	GUARD						
M	7	1	8T-4196	64	BOLT (M10X1.5X35-MM)						
	8	1	118-8645	1	TUBE AS						
	9	1	118-8646	1	GUARD						
	10	1	7X-0583	6	WASHER-HARD (17X45X6-MM THK)						
	11	1	8T-4121	80	WASHER-HARD (11X21X2.5-MM THK)						
C	12	1	8T-4167	8	WASHER-HARD (26X44X4-MM THK)						
	13	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						
	14	1	3D-2824	4	SEAL-O-RING						
	15	1	4J-5267	16	SEAL-O-RING						
	16	1	5K-9090	2	SEAL-O-RING						
	17	1	6V-8714	1	CONNECTOR						
M	18	1	7X-2553	6	BOLT (M16X2X40-MM)						
	19	1	8C-3205	32	FLANGE-HALF						
M	20	1	8T-4136	16	BOLT (M10X1.5X25-MM)						
M	21	1	8T-4139	2	BOLT (M12X1.75X30-MM)						
	22	1	3E-4071	8	CLIP-GUARD						
	23	1	208-1488	1	TUBE AS						
	24	1	208-1487	1	GUARD						
	25	1	8T-6684	1	ELBOW						

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

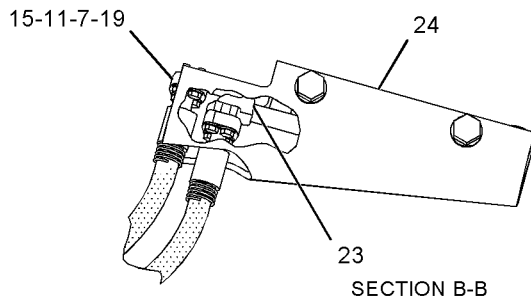
HYDRAULIC SYSTEM

116-2429 LINES GP-TILT CYLINDER (contd.)

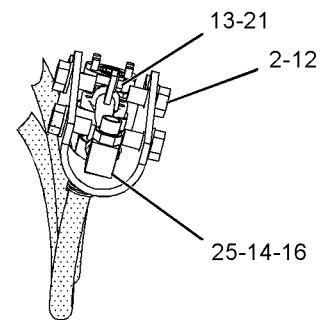
i01966343



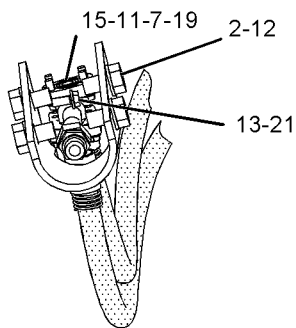
REAR VIEW



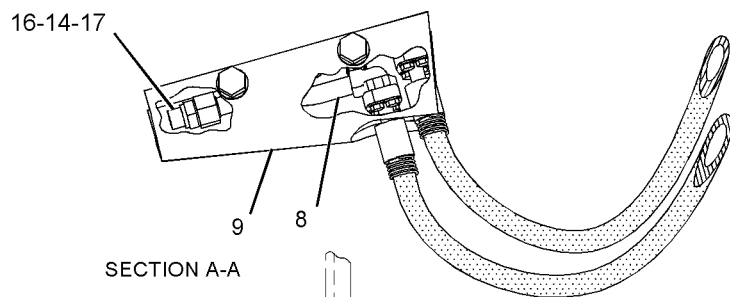
SECTION B-B



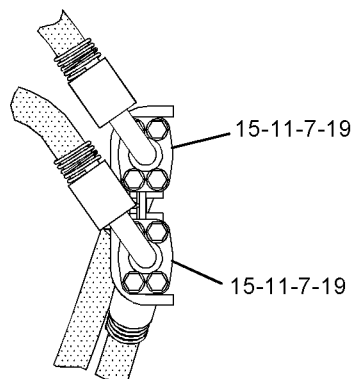
VIEW OF AREA F



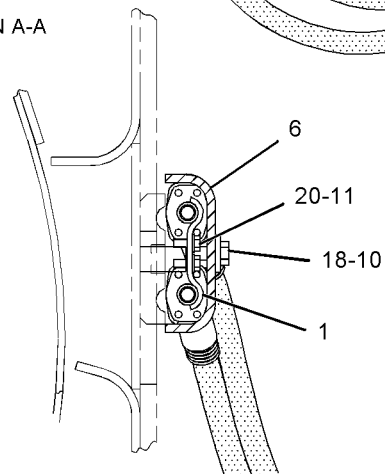
VIEW OF AREA E



SECTION A-A



SECTION D-D



SECTION C-C

GRAPHIC #1

<END>

g01073018

HYDRAULIC SYSTEM

161-8919 MOTOR GP-PISTON-HYDRAULIC FAN*R

S/N: ASX1-UP

PART OF 231-8627 LINES GP-HYDRAULIC FAN

SMCS-1386, 5058

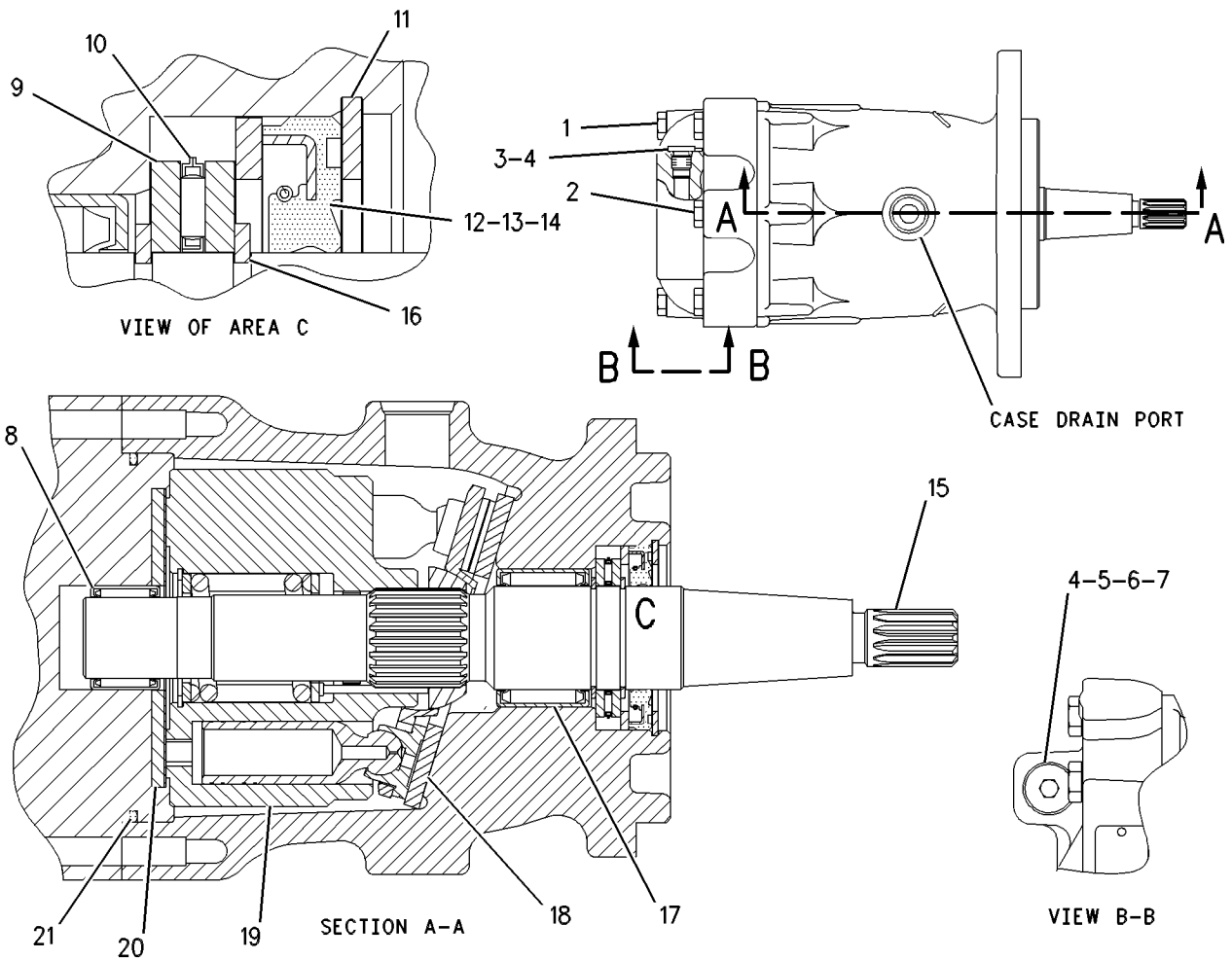
i01173963

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	1D-4539	3	BOLT (5/16-18X2.5-IN)	
	2	1	1B-9575	3	BOLT (5/16-18X1.56-IN)	
	3	1	9S-8004	1	PLUG-O-RING	
	4	1	3J-1907	2	SEAL-O-RING	
	5	1	117-9734	1	PLUG (9/16-18 THD)	
	6	1	9J-5706	1	PLUNGER	
	7	1	9J-5696	1	SPRING	
	8	1	033-5381	1	BEARING AS-NEEDLE	
	9	1	5P-1827	2	RACE-THRUST BEARING	
	10	1	5P-1828	1	BEARING-THRUST	
	11	1	135-2037	1	RING-RETAINING	
	12	1	117-9736	1	SEAL AS-SHAFT	
	13	1	117-9735	1	SEAL-SHAFT	
	14	1	8C-3078	1	SEAL-O-RING	
	15	1	131-4859	1	SHAFT-MOTOR	
	16	1	5L-4019	2	RING-RETAINING	
	17	1	5P-1941	1	BEARING AS-NEEDLE	
	18	1	3G-3484	1	PLATE-CAM	
	19	1	3G-3483	1	ROTATOR	
	20	1	117-9737	1	PLATE-VALVE	
	21	1	3K-0715	1	SEAL-O-RING	
F		1	5H-8985	1	PIN-SPRING (4.76MM)	
F		1	8L-6565	1	PIN-SPRING (3.18MM)	
F - NOT SHOWN						

HYDRAULIC SYSTEM

161-8919 MOTOR GP-PISTON (contd.)

i01173963



GRAPHIC #1

<END>

g00503452

HYDRAULIC SYSTEM

117-3218 MOUNTING GP-HYDRAULIC TANK

S/N: ASX1-UP

PART OF 226-9597, 302-1353 HYDRAULIC AR

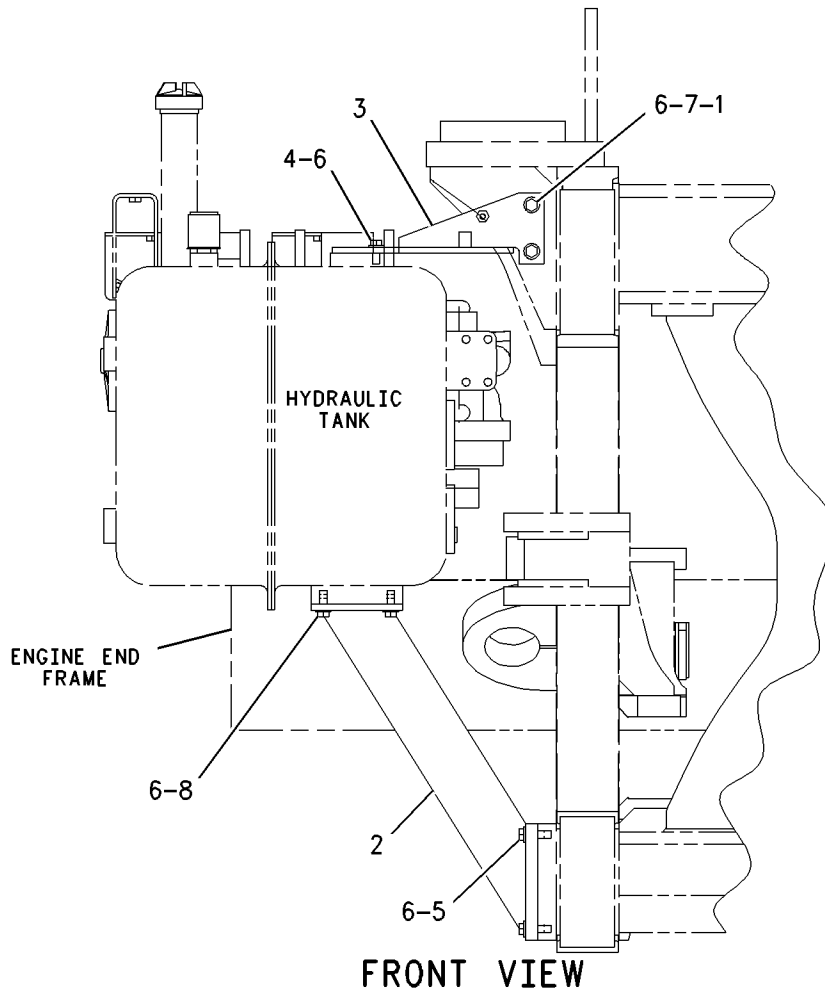
SMCS-5056

i01829693

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1K-4649	2	SPACER (0.516X1X1-IN THK)						
	2	1	119-7800	1	PLATE AS						
	3	1	223-4480	1	BRACKET AS						
M	4	1	8T-4139	3	BOLT (M12X1.75X30-MM)						
M	5	1	8T-4184	4	BOLT (M12X1.75X45-MM)						
B	6	1	8T-4223	13	WASHER-HARD (13.5X25.5X3-MM THK)						
M	7	1	8T-4648	2	BOLT (M12X1.75X70-MM)						
BM	8	1	8T-4956	4	BOLT (M12X1.75X35-MM)						

B-USE AS REQUIRED

M-METRIC PART



GRAPHIC #1

<END>

g00981212

HYDRAULIC SYSTEM

116-4940 MOUNTING GP-LIFT CYLINDER

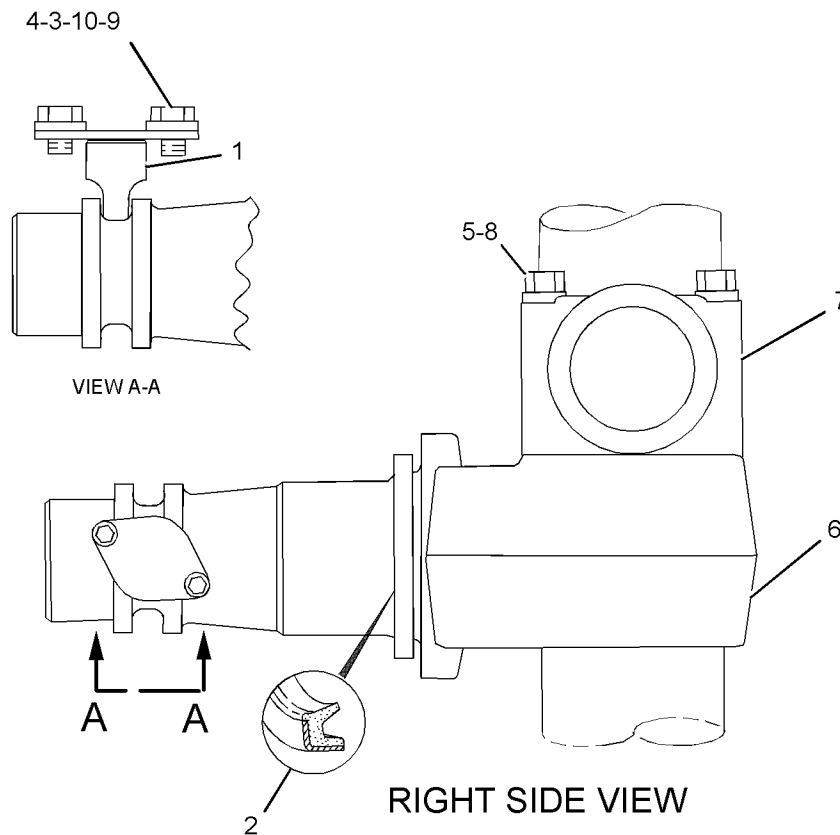
S/N: ASX1-UP

PART OF 262-6863, 281-0560 BULLDOZER AR, 262-6864, 262-6865 BULLDOZER
AR-STRAIGHT, 239-3528, 263-6868 BULLDOZER AR-UNIVERSAL
AN ATTACHMENT

SMCS-5102

i02664649

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4T-4875	1	PIN						
	2	1	5P-5520	1	SEAL-LIP TYPE						
	3	1	9J-5717	1	COVER						
	4	1	9J-5718	1	GASKET						
	5	1	154-1580	4	WASHER-HARD (M22X38X6-MM THK)						
	6	1	296-5363	1	YOKE						
	7	1	241-3853	2	CAP AS						
					(EACH INCLUDES)						
		1	9J-5284	1	BEARING-SLEEVE						
M	8	1	8T-4170	4	BOLT (M20X2.5X150-MM)						
M	9	1	8T-4179	2	BOLT (M12X1.75X20-MM)						
	10	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						
M-METRIC PART											



GRAPHIC #1

<END>

g01339116

HYDRAULIC SYSTEM

231 - 8625 PUMP & MTG GP - HYDRAULIC FAN

S/N: ASX1-UP

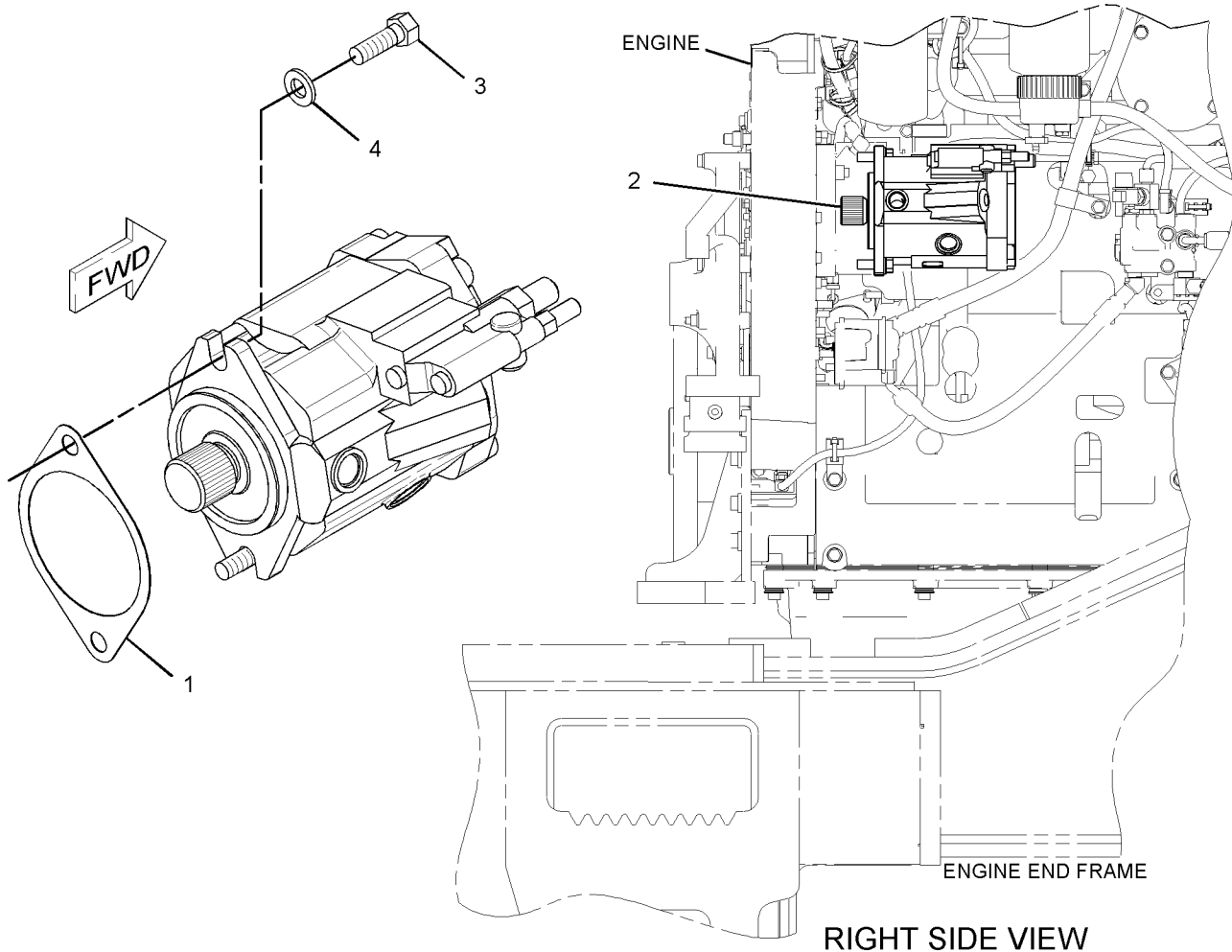
PART OF 226-9597, 302-1353 HYDRAULIC AR

SMCS-1387

i02274900

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9H-8872	1	GASKET						
YR	2	1	184-3124	1	PUMP GP-PISTON (HYDRAULIC FAN)						717
	3	1	5P-2566	2	BOLT (1/2-13X1.5-IN)						
	4	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01031290

HYDRAULIC SYSTEM

183-9361 PUMP & MTG GP - IMPLEMENT

S/N: ASX1-UP

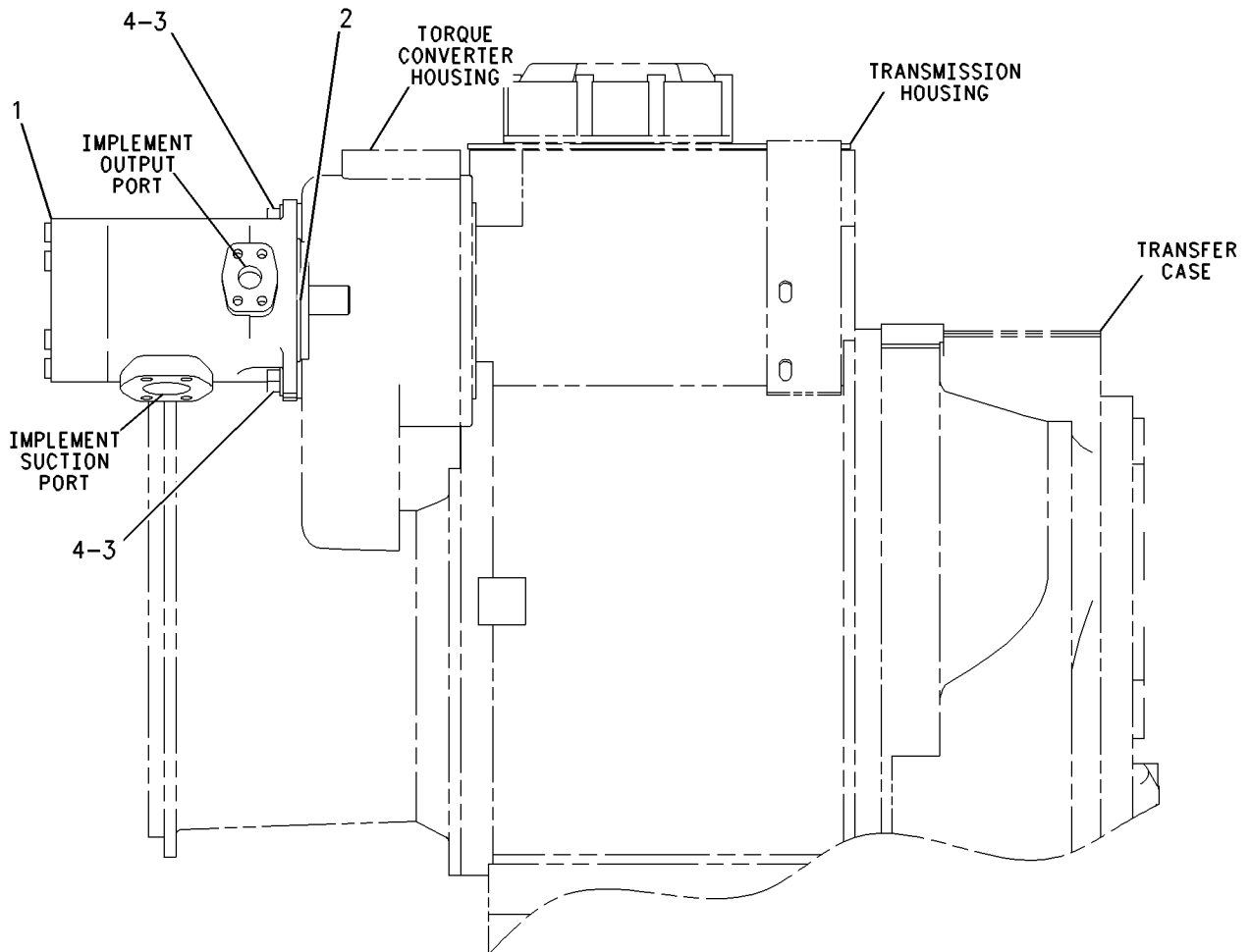
PART OF 226-9597, 302-1353 HYDRAULIC AR

SMCS-5084

i01445798

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	184-3123	1	PUMP GP-VANE (IMPLEMENT)	719
	2	1	5F-3106	1	SEAL-O-RING	
	3	1	7X-0345	2	BOLT (5/8-11X1.75-IN)	
	4	1	8T-4122	2	WASHER-HARD (17X32X3.5-MM THK)	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00758473

HYDRAULIC SYSTEM

235 - 6501 PUMP GP - GEAR-PILOT, BRAKE

S/N: ASX1-UP

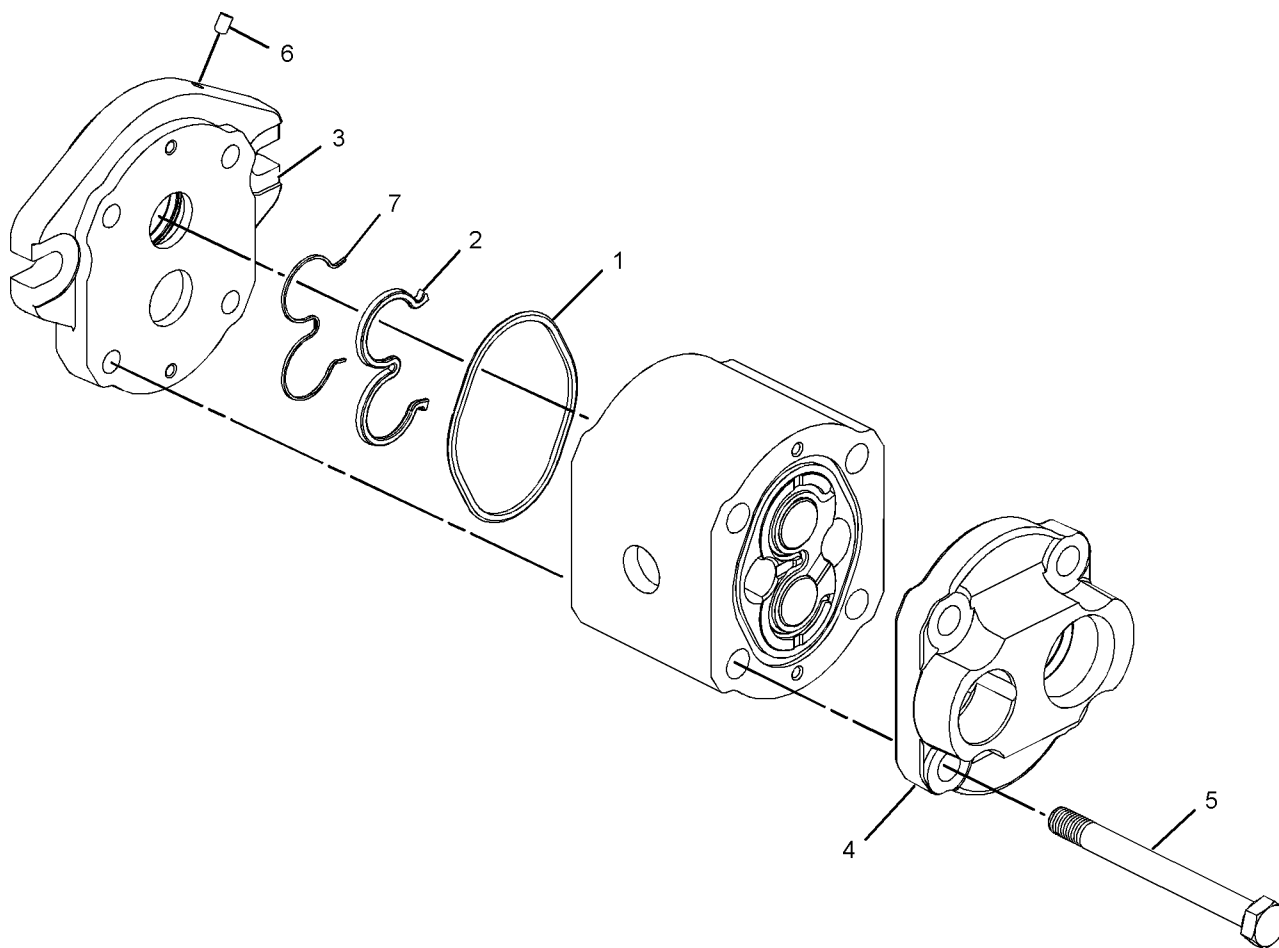
PART OF 231 - 8630 PUMP & MTG GP - STEERING & TMSN

SMCS - 5073

i02279465

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
J	1	1	204-4148	1	SEAL - SHAFT						
J	2	1	131-0715	1	SEAL - SHAFT						
	3	1	241-6392	1	FLANGE						
	4	1	130-7758	1	COVER - END						
M	5	1	6V-1819	4	BOLT (M10X1.5X100-MM)						
	6	1	219-8899	1	PLUG - SCREEN						
J	7	1	8J-6273	1	RING-RETAINING						
AVAILABLE REPAIR KIT(S) :											
J			201-5238	1	KIT - SEAL						

J - PARTS MARKED J INCLUDED IN KIT MARKED J
M - METRIC PART



GRAPHIC #1

<END>

g01098351

HYDRAULIC SYSTEM

184-3124 PUMP GP-PISTON-HYDRAULIC FAN*R

S/N: ASX1-UP

PART OF 231-8625 PUMP & MTG GP-HYDRAULIC FAN

SMCS-5070

i02274901

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	168-7868	1	ROTATING GP-PUMP	721
	2	1	168-7861	1	PISTON-ACTUATOR	
	3	1	168-2198	1	LINK-CONTROL	
	4	1	175-6795	1	SWASHPLATE	
	5	1	175-6801	1	SHAFT-PUMP	
	6	1	196-1251	1	PLUG	
	7	1	127-9490	1	SPRING (BIAS)	
B	8	1	127-9483	1	SHIM (PRELOAD)	
	9	1	185-0263	1	BEARING	
	10	1	168-7871	1	HOUSING-PUMP	
	11	1	189-4717	1	BEARING	
	12	1	3J-7354	1	SEAL-O-RING	
	13	1	168-7869	2	BEARING-CRADLE	
	14	1	166-0344	1	SEAL-SHAFT	
	15	1	127-9485	1	SEAL-O-RING	
	16	1	8T-7525	1	SEAL-O-RING	
	17	1	168-3504	1	SEAL	
	18	1	8C-3110	1	RING-RETAINING	
M	19	1	095-0670	4	BOLT (M12X1.75X45-MM)	
	20	1	136-8423	1	PLUG-BREAK OFF	
	21	1	9X-8979	1	DOWEL	
	22	1	9S-8006	1	PLUG-O-RING	
	23	1	2M-9780	1	SEAL-O-RING	
Y	24	1	168-2210	1	VALVE GP-PUMP CONTROL (PRESSURE, FLOW COMPENSATOR)	742
	25	1	9X-7680	3	SEAL-O-RING	
M	26	1	8T-8442	4	BOLT-SOCKET HEAD (M6X1X30-MM)	
	27	1	9S-8002	1	PLUG-O-RING	

B-USE AS REQUIRED

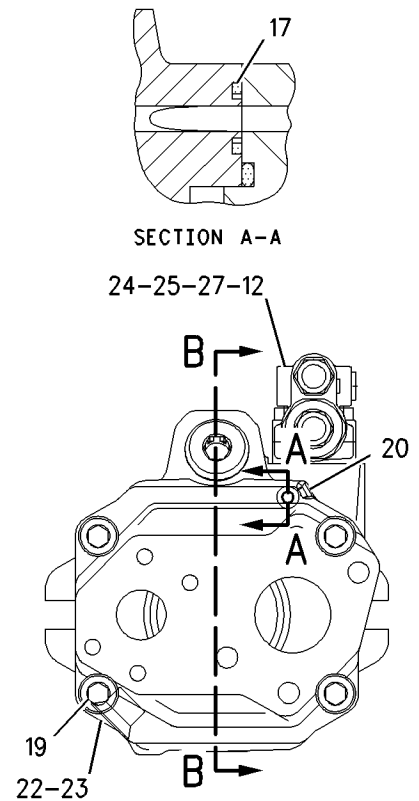
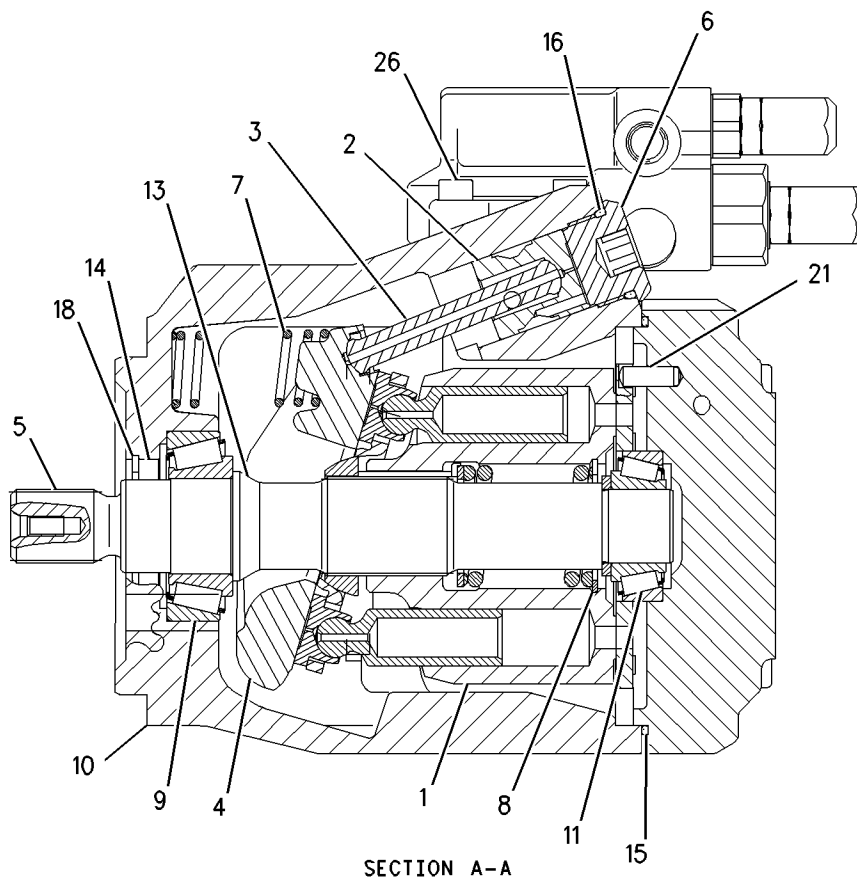
M-METRIC PART

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

184-3124 PUMP GP - PISTON (contd.)

i02274901



GRAPHIC #1

<END>

g00873785

HYDRAULIC SYSTEM

184-3123 PUMP GP-VANE-IMPLEMENT

S/N: ASX1-UP

PART OF 183-9361 PUMP & MTG GP-IMPLEMENT

SMCS-5055

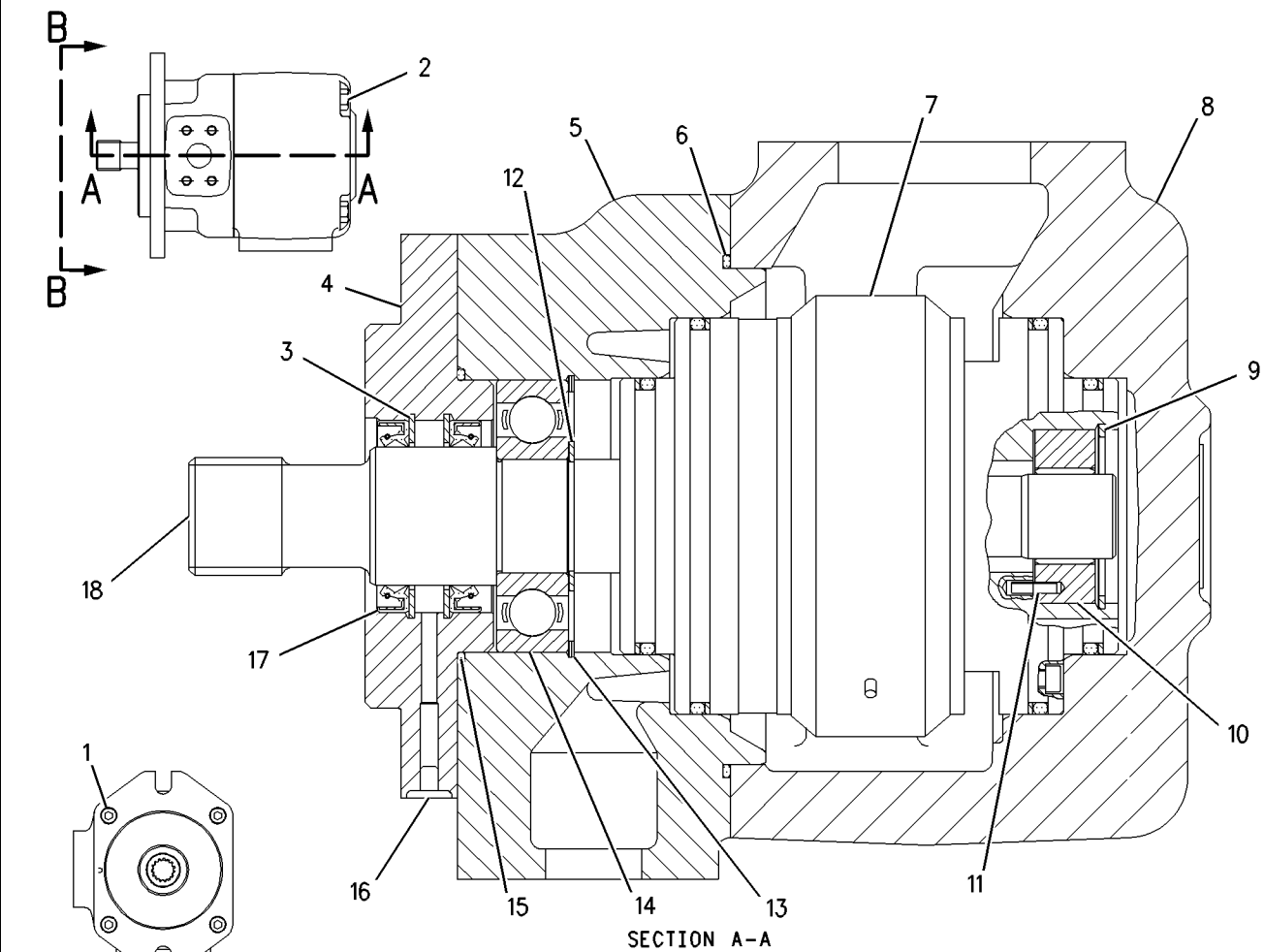
i02280876

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
J	1	1	2D-4534	4	BOLT-SOCKET HEAD (3/8-16X1-IN)	
	2	1	1D-4593	4	BOLT (5/8-11X5.5-IN)	
J	3	1	008-3214	2	RING-RETAINING (INTERNAL)	
J	4	1	116-4061	1	KIT-FLANGE MOUNTING	
	5	1	116-4062	1	BODY-PUMP	
	6	1	2P-1692	1	SEAL-O-RING	
Y	7	1	123-9008	1	CARTRIDGE GP-VANE PUMP	670
	8	1	116-4065	1	COVER-PUMP	
	9	1	2D-5826	1	RING-RETAINING	
N	10	1	116-4066	1	CARRIER AS-BEARING	
N	11	1	3C-8388	1	PIN-ROLL	
	12	1	4M-5285	1	RING-RETAINING (EXTERNAL)	
	13	1	2J-8172	1	RING-RETAINING (INTERNAL)	
	14	1	2L-5271	1	BALL BEARING	
	15	1	5P-0908	1	SEAL-O-RING	
J	16	1	6E-2943	1	PLUG	
	17	1	9J-7814	2	SEAL-LIP TYPE	
	18	1	116-4067	1	SHAFT-PUMP	
J-KIT MARKED J SERVICES PARTS MARKED J N-ASSEMBLY MARKED N SERVICES PART MARKED N Y-SEPARATE ILLUSTRATION						

HYDRAULIC SYSTEM

184-3123 PUMP GP-VANE (contd.)

i02280876



SECTION A-A

<END>

g00760502

GRAPHIC #1

HYDRAULIC SYSTEM

168-7868 ROTATING GP - PUMP-HYDRAULIC FAN

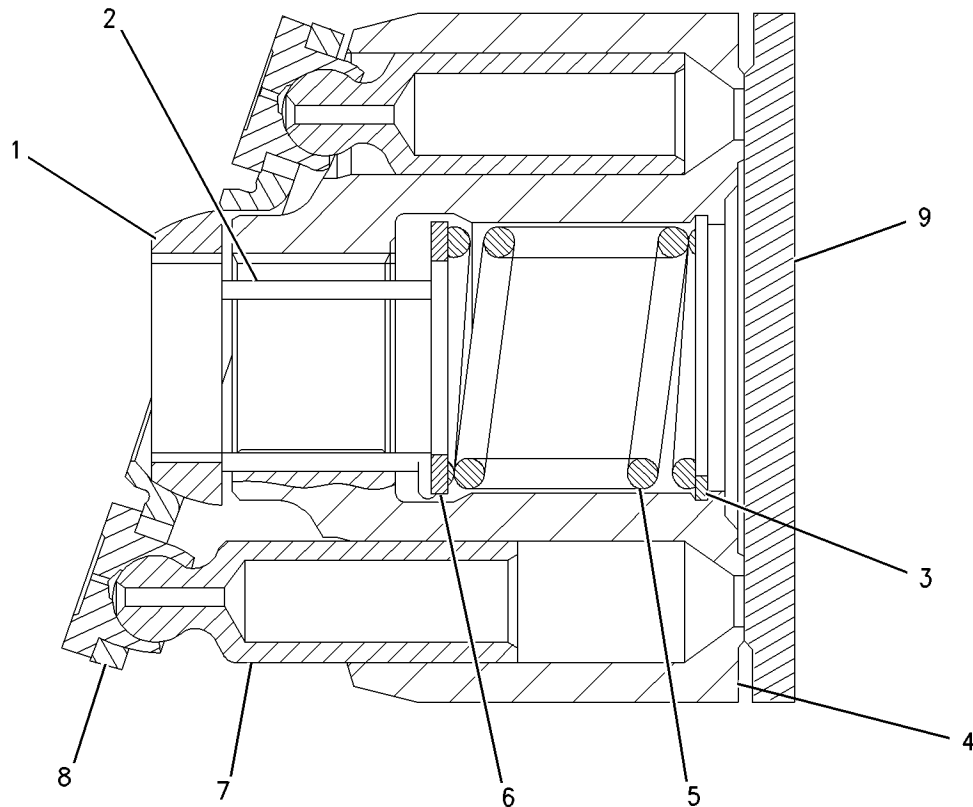
S/N: ASX1-UP

PART OF 184-3124 PUMP GP-PISTON

SMCS-1387, 5070, 5084

i02216714

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	138-8175	1	BEARING - TAPERED ROLLER						
	2	1	168-7940	3	PIN						
	3	1	096-0015	1	RING-RETAINING						
	4	1	233-0455	1	BARREL						
	5	1	168-7941	1	SPRING						
	6	1	168-7942	1	WASHER (2-MM THK)						
	7	1	168-7943	9	PISTON AS						
	8	1	168-7944	1	PLATE-RETRACTION						
	9	1	138-8173	1	PLATE-VALVE						



GRAPHIC #1

<END>

g00760776

HYDRAULIC SYSTEM

185-0820 TANK GP - HYDRAULIC

S/N: ASX1-UP

PART OF 226-9597, 302-1353 HYDRAULIC AR

SMCS-5056

i02763819

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	186-2760	1	TANK AS-HYDRAULIC	
	2	2	118-8400	1	COVER AS	
		2	7J-5225	1	FITTING (1-1/16-12-THD)	
M		2	7X-0752	1	BOSS-WELD (M10X1.5X65-MM OAL)	
M	3	2	6V-4248	62	BOLT (M10X1.5X25-MM)	
M	4	2	6V-7744	64	LOCKNUT (M10X1.15-THD)	
	5	2	5H-6005	10	SEAL-O-RING	
	6	2	114-1807	1	BASE-FILTER	
	7	2	1H-9696	1	SEAL-O-RING	
	8	2	3G-2754	1	VALVE	
	9	2	3S-9733	1	SPRING	
	10	2	8F-8882	1	SEAL-O-RING	
M	11	2	6V-3822	2	BOLT (M10X1.5X35-MM)	
	12	2	6V-5839	2	WASHER (11X21X2.5-MM THK)	
M	13	1, 2	6V-7732	8	BOLT (M10X1.5X25-MM)	
	14	2	4J-0523	2	SEAL-O-RING	
	15	2	119-6025	1	TUBE AS	
	16	2	118-8405	1	TUBE AS	
	17	2	118-8402	1	BAFFLE AS	
	18	2	3G-2839	1	GASKET	
	19	1, 2	6D-9157	4	SEAL-O-RING	
	20	2	2M-4453	2	SEAL-O-RING	
M	21	2	166-4846	2	BOLT-FILTER	
	22	2	5P-8248	2	WASHER-HARD (20X36.5X3.5-MM THK)	
	23	2	3G-2665	2	COVER	
	24	2	119-4860	2	SPACER	
	25	2	9J-6379	12	SPRING-DISC	
	26	2	9J-6381	2	SPACER (71X108X3-MM THK)	
	27	2	9H-7759	2	RING-RETAINING	
	28	2	9F-6656	2	RING-RETAINING	
	29	2	1R-0722	2	FILTER ELEMENT AS-OIL (STANDARD EFFICIENCY)	
	30	2	119-4857	2	STUD	
BD	31	1	5P-9119	1	GASKET-TAPE (ADHESIVE BACKED)	
	32	2	9H-6454	1	GASKET	
	33	2	2D-4202	1	PLATE	
	34	2	8T-2275	1	BALL	
	35	2	7H-1447	1	CAP-FILLER (HYDRAULIC TANK)	
	36	2	6H-9361	1	RING-RETAINING	
	37	2	5D-7927	1	STRAINER AS-OIL (HYDRAULIC TANK)	
	38	2	9J-7031	1	PLUG-DRAIN (HYDRAULIC TANK)	
	39	2	5M-2057	1	SEAL-O-RING	
	40	2	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)	
	41	2	8J-8782	1	BODY-DRAIN VALVE	
	42	2	7B-3039	1	SPRING	
	43	2	1U-2827	1	GUIDE-VALVE	
	44	2	8J-8783	1	VALVE	
	45	2	8T-3298	1	SEAL-RECTANGULAR	
	46	1	9J-6382	1	COVER	
M	47	1	8T-0722	6	BOLT-LOCKING (M10X1.5X30-MM)	
	48	1	9S-4182	1	PLUG-O-RING	
	49	1	3J-7354	1	SEAL-O-RING	
	50	2	4J-8252	1	GAUGE-SIGHT	
	51	2	4J-8251	1	GROMMET	
	52	2	9R-2630	1	RETAINER	
C	53	2	1L-5072	1	DOWEL	
C	54	2	2J-7761	1	RING-RETAINING	

HYDRAULIC SYSTEM

185-0820 TANK GP - HYDRAULIC (contd.)

i02763819

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
C	55	2	5D-1911	1	COVER-HYDRAULIC CAP	
C	56	2	9M-7394	1	LEVER	

B-USE AS REQUIRED

C-CHANGE FROM PREVIOUS TYPE

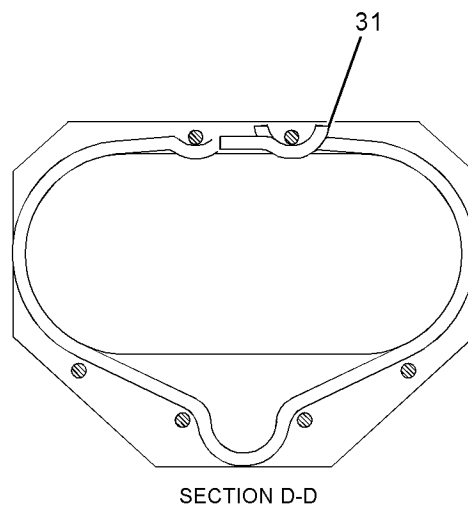
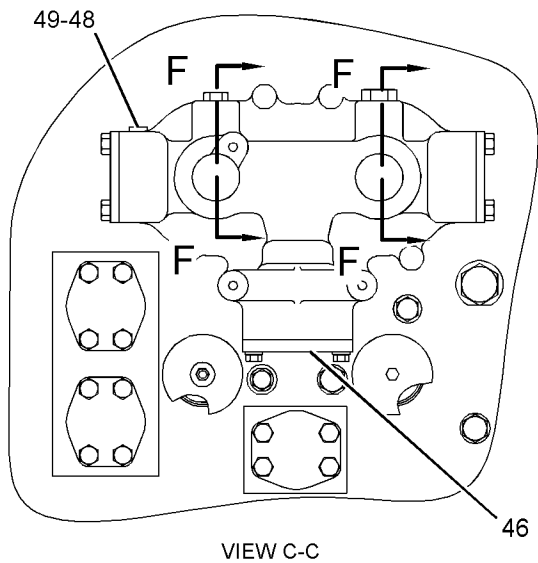
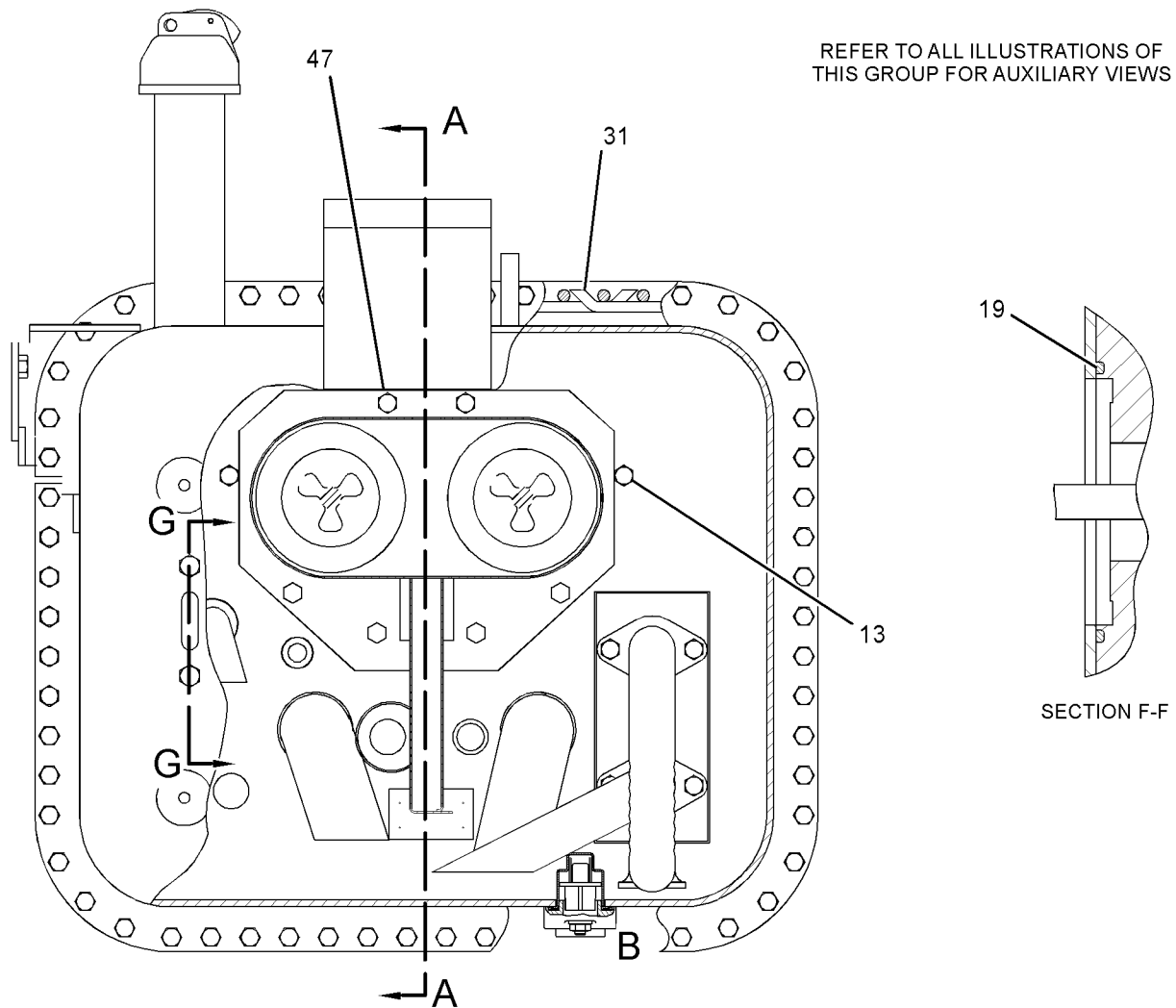
D-ORDER BY THE METER

M-METRIC PART

HYDRAULIC SYSTEM

185-0820 TANK GP - HYDRAULIC (contd.)

i02763819



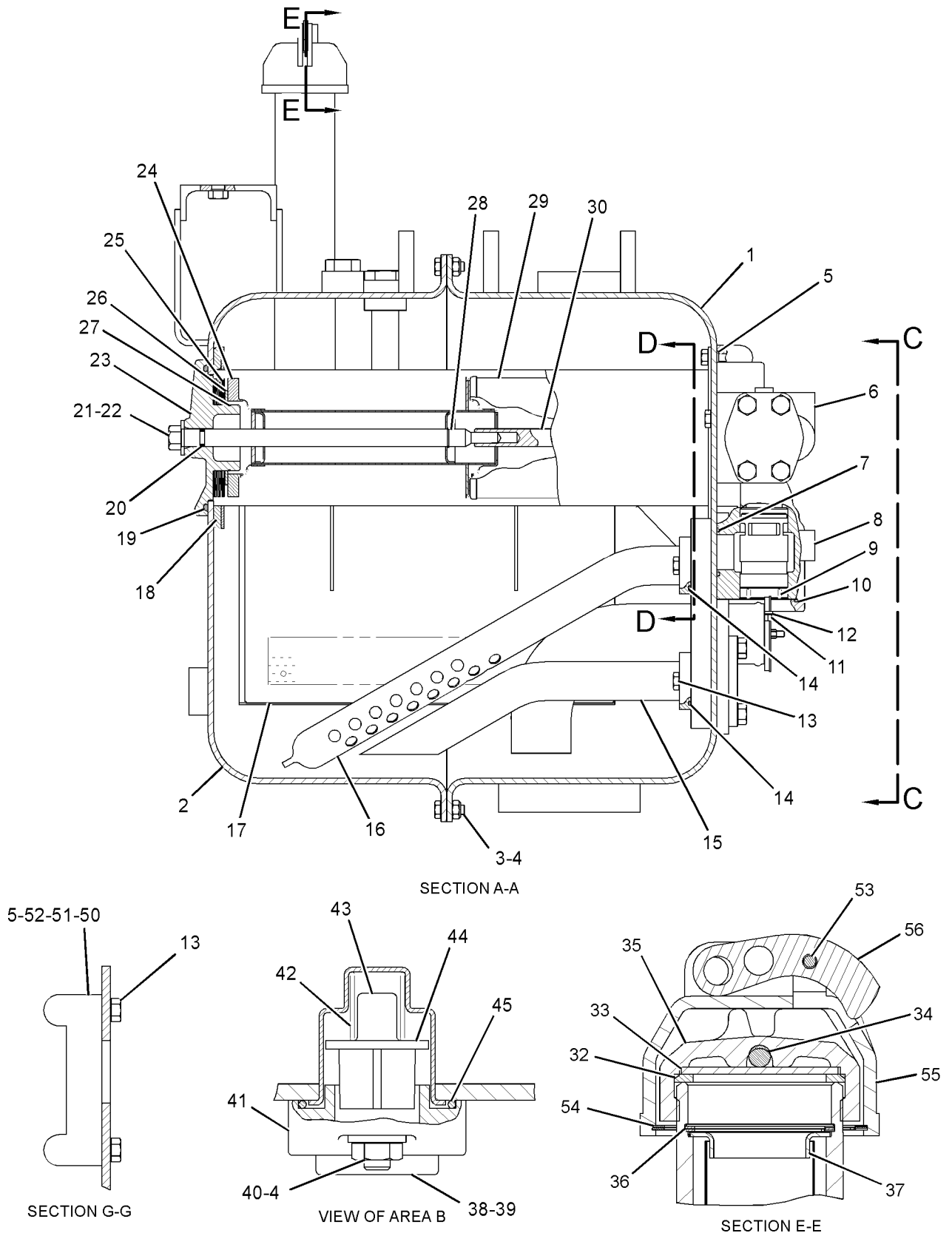
GRAPHIC #1

g01381183

HYDRAULIC SYSTEM

185-0820 TANK GP - HYDRAULIC (contd.)

i02763819



GRAPHIC #2

<END>

g01381184

HYDRAULIC SYSTEM

212-4894 VALVE & MTG GP-MAIN CONTROL-3-FUNCTION

S/N: ASX1-UP

PART OF 226-9597, 302-1353 HYDRAULIC AR

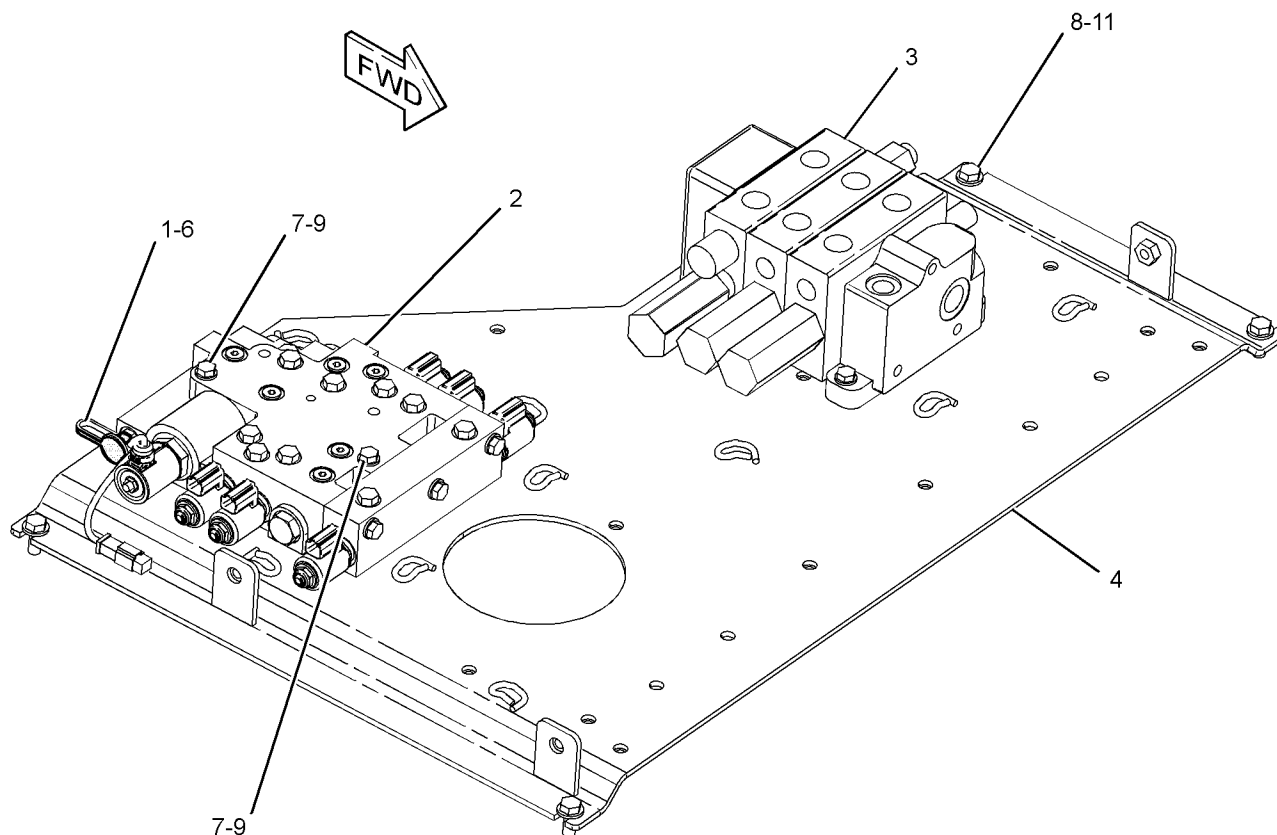
SMCS-5051

i02326830

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6V-0852	1	CAP-DUST						
Y	2	1	203-8711	1	VALVE GP-PILOT (OIL MANIFOLD, 3-FUNCTION)						738
Y	3	1	211-2272	1	VALVE GP-MAIN CONTROL (3-FUNCTION)						735
	4	1	211-9012	1	PLATE AS						
	6	1	164-5567	1	FITTING AS (QUICK DISCONNECT, MALE)						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-3965	1	FITTING-COUPLER						
	7	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	8	1	8T-4139	4	BOLT (M12X1.75X30-MM)						
M	9	1	8T-4178	2	BOLT (M10X1.5X90-MM)						
M	10	1	8T-4186	2	BOLT (M10X1.5X40-MM)						
	11	1	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01162404

HYDRAULIC SYSTEM

8J-5913 VALVE GP-CHECK-TILT, TIP CYLINDER

S/N: ASX1-UP

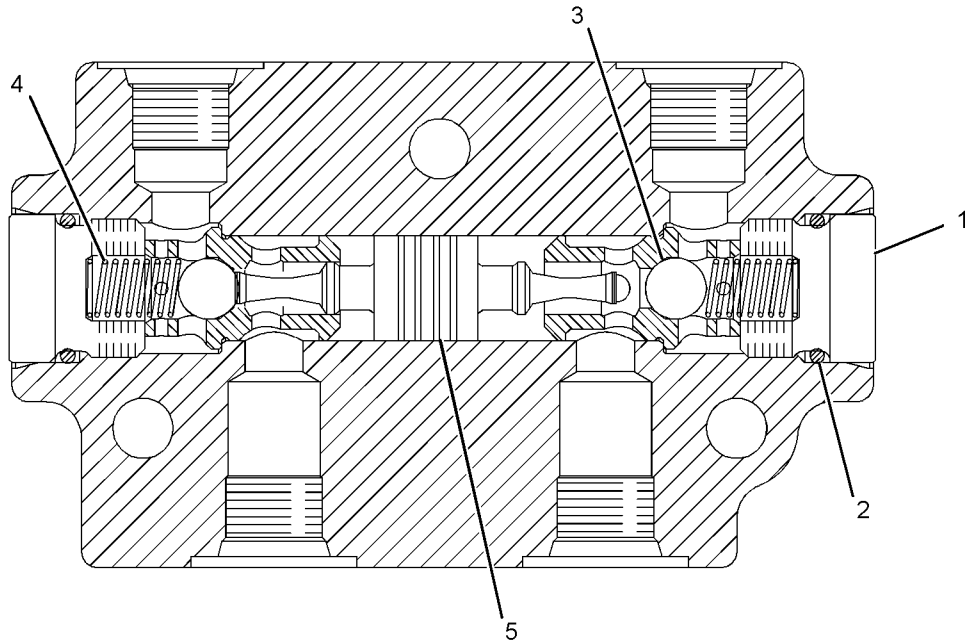
PILOT OPERATED

PART OF 117-3217 LINES GP-TILT & TIP CYLINDER

SMCS-5067

i02243129

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9J-0404	2	PLUG						
	2	1	7J-9933	2	SEAL-O-RING						
	3	1	9J-4871	2	BALL						
	4	1	9J-0403	2	SPRING						
	5	1	9J-5768	1	PISTON						



GRAPHIC #1

<END>

g01130687

HYDRAULIC SYSTEM

8J-9471 VALVE GP-CHECK-LIFT CYLINDER CIRCUIT

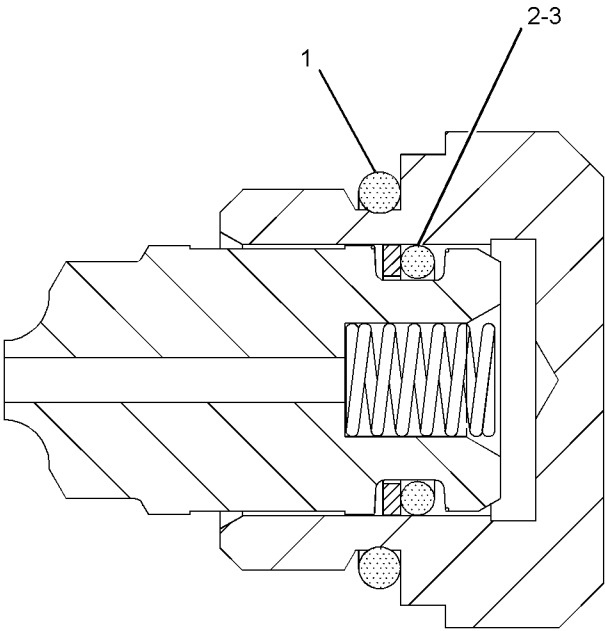
S/N: ASX1-UP

PART OF 211-2272 VALVE GP-MAIN CONTROL

SMCS-5067

i02202614

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3D-2824	1	SEAL-O-RING						
	2	1	6F-4855	1	SEAL-O-RING						
	3	1	9J-0707	1	RING-BACKUP						



GRAPHIC #1

<END>

g01113599

HYDRAULIC SYSTEM

9T-3096 VALVE GP-CHECK-DEAD ENGINE, LIFT ARM LOWER

S/N: ASX1-UP

PART OF 228-7070 LINES GP-PILOT

SMCS-5067

i02333726

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

171-6722 VALVE GP-CHECK-HYD OIL CLR BYPASS, STEERING

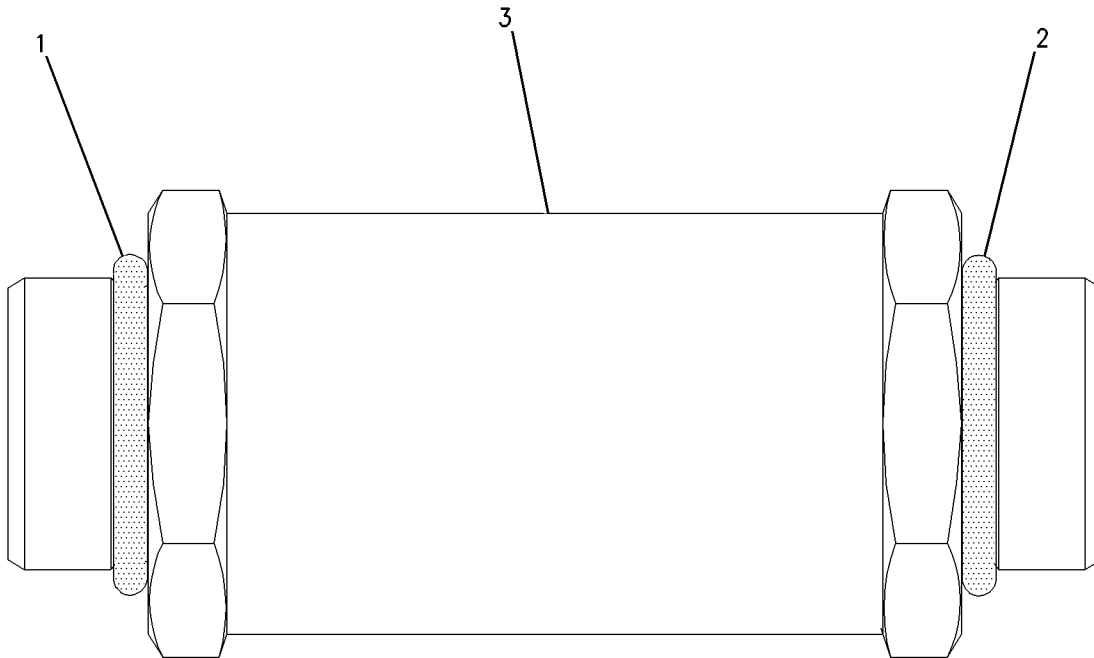
S/N: ASX1-UP

PART OF 234-4913 LINES GP-HYDRAULIC OIL COOLER

SMCS-5067

i02245982

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3K-0360	1	SEAL-O-RING						
	2	1	6V-8398	1	SEAL-O-RING						
	3	1	9T-6005	1	VALVE GP-CHECK (STEERING)						



GRAPHIC #1

<END>

g00689218

HYDRAULIC SYSTEM

134-9873 VALVE GP-CONTROL-TILT, TIP

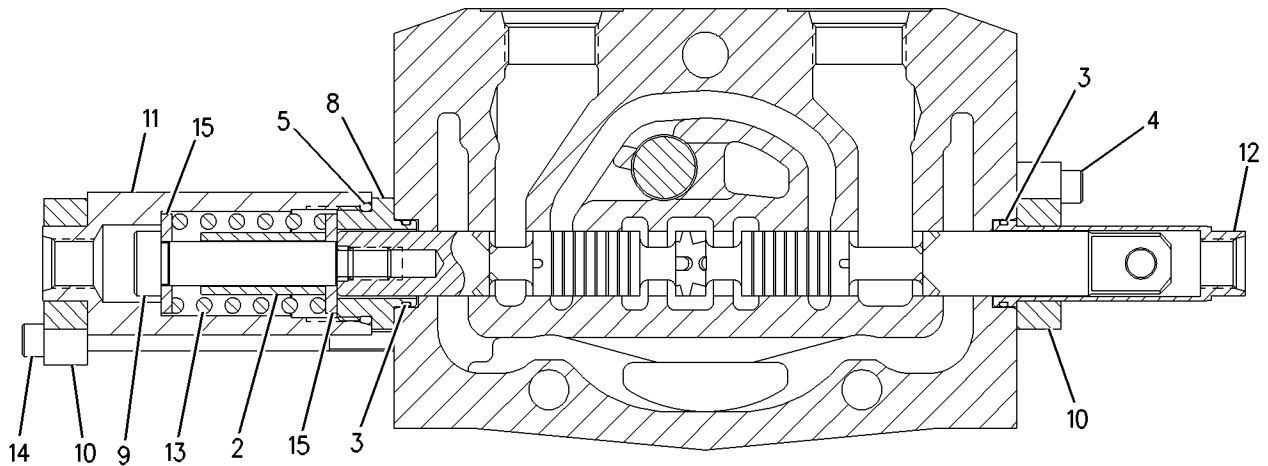
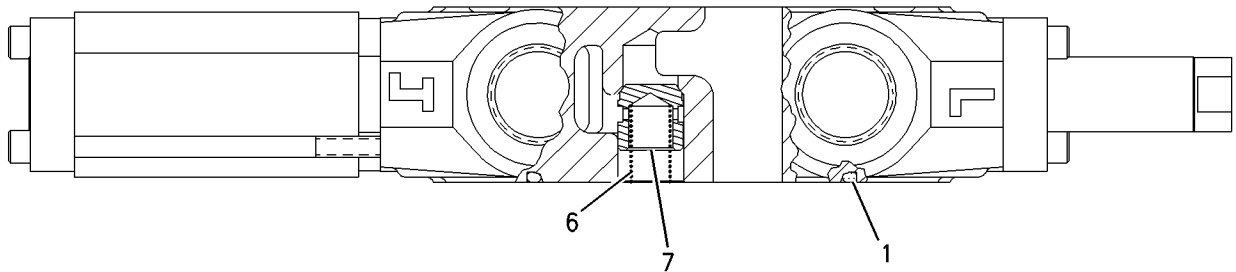
S/N: ASX1-UP

PART OF 211-2272 VALVE GP-MAIN CONTROL

SMCS-5051

i01823338

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	194-2170	1	SEAL-O-RING						
	2	1	4Z-6360	1	SPACER						
	3	1	5P-5599	2	SEAL-O-RING						
	4	1	6L-5897	2	BOLT (1/4-20X0.875-IN)						
	5	1	7M-8485	1	SEAL-O-RING						
	6	1	8J-9463	1	SPRING						
	7	1	8J-9464	1	POPPET						
	8	1	116-3816	1	RETAINER						
	9	1	116-3823	1	BOLT-SHOULDER						
	10	1	116-6816	2	RETAINER						
	11	1	116-9524	1	CAP-SPOOL						
	12	1	116-9532	1	CAP-SPOOL						
	13	1	122-9097	1	SPRING						
	14	1	155-4993	2	BOLT-SOCKET HEAD (1/4-20X4.5-IN)						
	15	1	224-0835	2	WASHER						



GRAPHIC #1

<END>

g00986294

HYDRAULIC SYSTEM

218-7326 VALVE GP-CONTROL-LIFT

S/N: ASX1-UP

PART OF 211-2272 VALVE GP-MAIN CONTROL

SMCS-5051

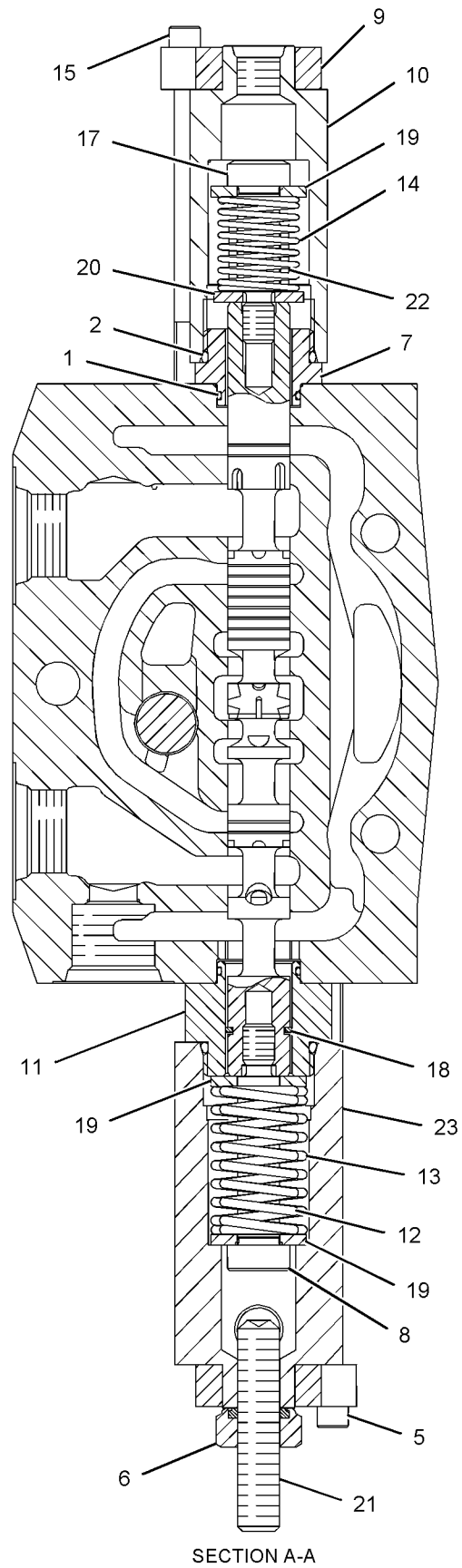
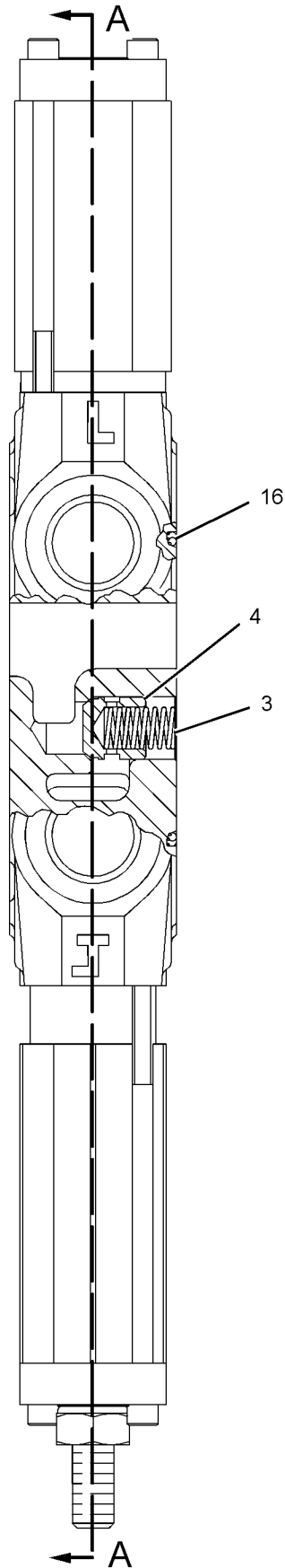
i01823334

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-5599	2	SEAL-O-RING						
	2	1	7M-8485	2	SEAL-O-RING						
	3	1	8J-9463	1	SPRING						
	4	1	8J-9464	1	POPPET						
	5	1	101-2525	2	BOLT-SOCKET HEAD						
	6	1	116-3796	1	NUT						
	7	1	116-3816	1	RETAINER						
	8	1	116-3823	1	BOLT-SHOULDER						
	9	1	116-6816	1	RETAINER						
	10	1	116-9524	1	CAP-SPOOL						
	11	1	123-4920	1	RETAINER						
	12	1	123-4921	1	SPRING						
	13	1	123-4922	1	SPRING						
	14	1	123-5108	1	SPRING						
	15	1	155-4993	2	BOLT-SOCKET HEAD (1/4-20X4.5-IN)						
	16	1	194-2170	1	SEAL-O-RING						
	17	1	215-5640	1	BOLT-SHOULDER						
	18	1	224-0834	1	RING-BACKUP						
	19	1	224-0835	3	WASHER						
	20	1	224-0836	1	WASHER						
	21	1	224-0837	1	SETSCREW						
	22	1	224-0838	1	SPACER						
	23	1	224-0886	1	CAP						

HYDRAULIC SYSTEM

218-7326 VALVE GP-CONTROL (contd.)

i01823334



GRAPHIC #1

<END>

g01031177

HYDRAULIC SYSTEM

191-8735 VALVE GP-DEMAND FAN

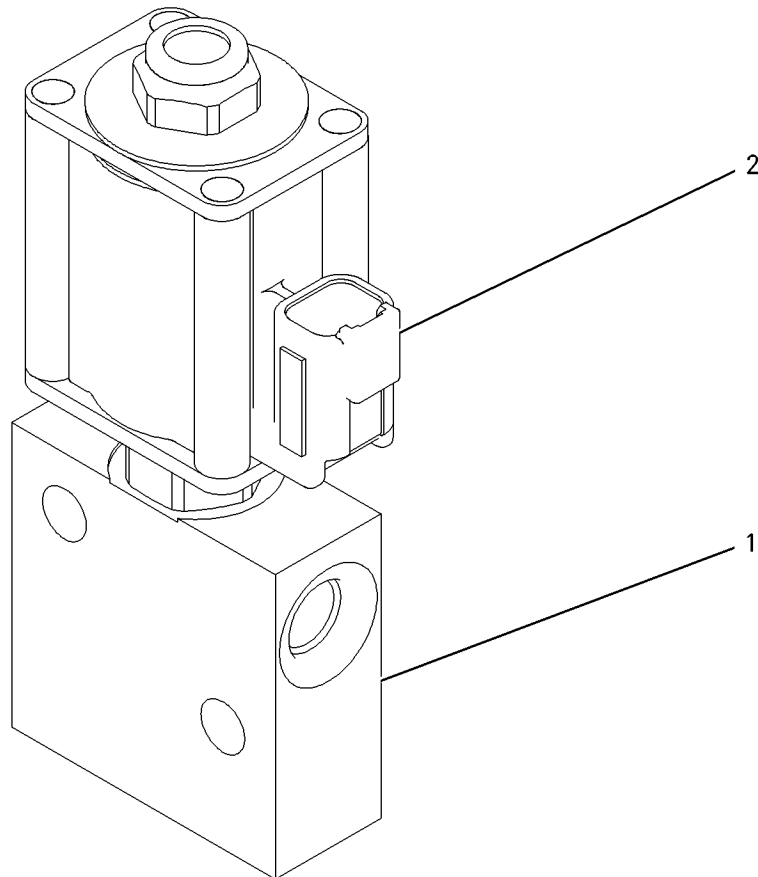
S/N: ASX1-UP

PART OF 234-4913 LINES GP-HYDRAULIC OIL COOLER

SMCS-5264, 5479

i02215797

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	3E-3584	1	MANIFOLD	
Y	2	1	183-7595	1	VALVE GP-SOLENOID (24-VOLT) (DEMAND FAN)	746
Y-SEPARATE ILLUSTRATION						



GRAPHIC #1

<END>

g00714048

HYDRAULIC SYSTEM

211-2272 VALVE GP-MAIN CONTROL-3-FUNCTION

S/N: ASX1-UP

PART OF 212-4894 VALVE & MTG GP-MAIN CONTROL

SMCS-5051

i02109806

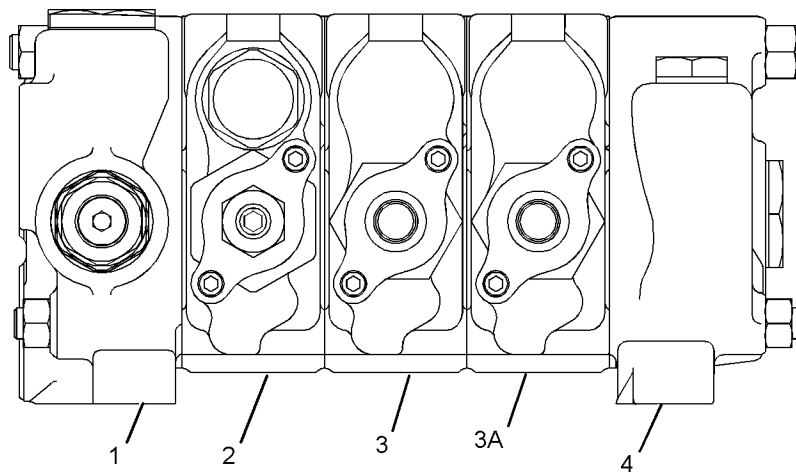
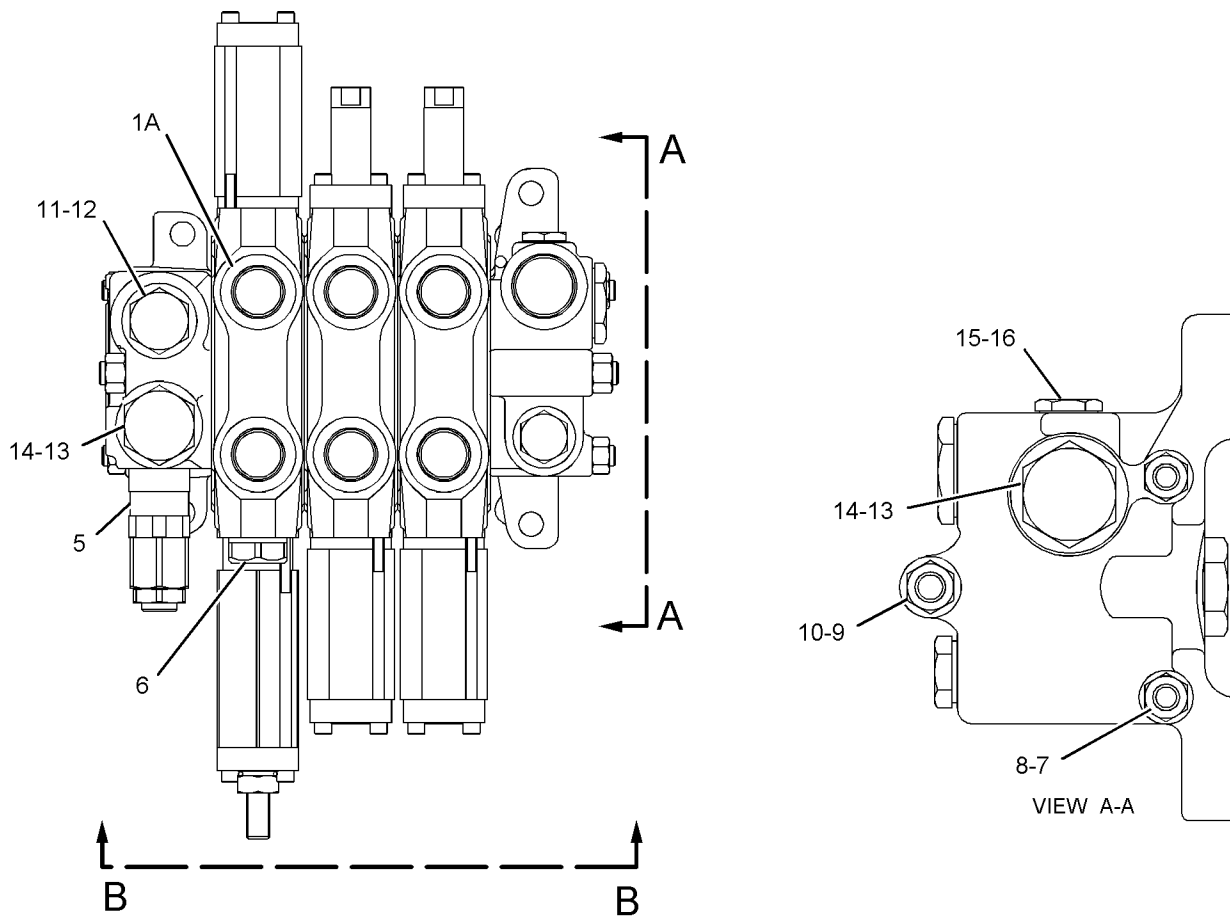
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	218-7369	1	HOUSING AS	
	1A	1	194-2170	1	SEAL-O-RING	
Y	2	1	218-7326	1	VALVE GP-CONTROL (LIFT)	732
Y	3	1	134-9873	1	VALVE GP-CONTROL (TILT)	731
Y	3A	1	134-9873	1	VALVE GP-CONTROL (TIP)	731
Y	4	1	144-4410	1	VALVE GP-MAKEUP	737
Y	5	1	134-6264	1	VALVE GP-RELIEF (MAIN)	744
Y	6	1	8J-9471	1	VALVE GP-CHECK (LIFT CYLINDER CIRCUIT)	728
	7	1	9S-8905	4	NUT-FULL (7/16-20-THD)	
	8	1	130-2890	2	ROD	
	9	1	7X-3374	2	NUT-FULL (1/2-20-THD)	
	10	1	130-2889	1	ROD	
	11	1	9S-4183	1	PLUG-O-RING	
	12	1	3D-2824	1	SEAL-O-RING	
	13	1	9S-4181	2	PLUG-O-RING	
	14	1	7M-8485	2	SEAL-O-RING	
	15	1	9S-4185	1	PLUG-O-RING	
	16	1	3K-0360	1	SEAL-O-RING	

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

211-2272 VALVE GP-MAIN CONTROL (contd.)

i02109806



VIEW B-B
<END>

GRAPHIC #1

g01035308

HYDRAULIC SYSTEM

144-4410 VALVE GP-MAKEUP

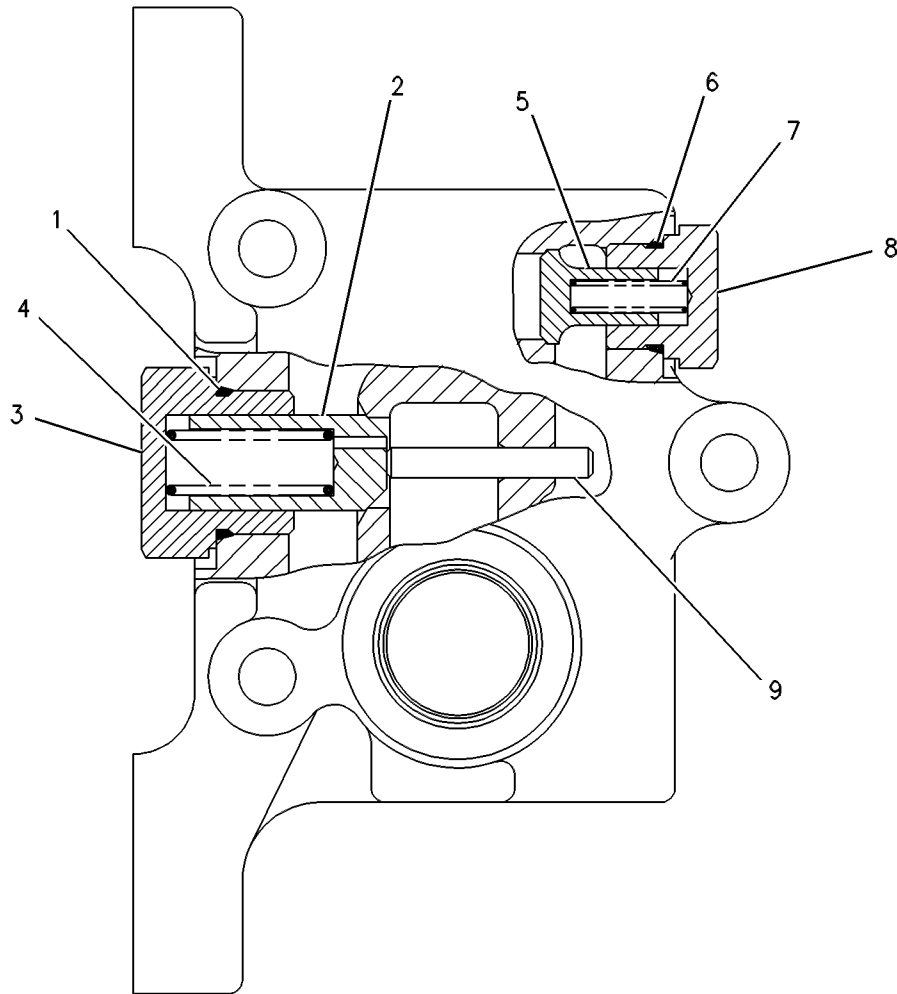
S/N: ASX1-UP

PART OF 211-2272 VALVE GP-MAIN CONTROL

SMCS-5080

i00715373

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4K-1388	1	SEAL-O-RING						
	2	1	144-4529	1	VALVE						
	3	1	144-4528	1	PLUG						
	4	1	144-4530	1	SPRING						
	5	1	144-4531	1	VALVE-CHECK						
	6	1	3K-0360	1	SEAL-O-RING						
	7	1	003-3082	1	SPRING						
	8	1	144-4532	1	PLUG						
	9	1	144-4533	1	PIN						



GRAPHIC #1

<END>

g00277393

HYDRAULIC SYSTEM

203-8711 VALVE GP-PILOT-OIL MANIFOLD, 3-FUNCTION

S/N: ASX1-UP

PART OF 212-4894 VALVE & MTG GP-MAIN CONTROL

SMCS-5059

i02463766

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1, 1	148-8407	11	PLUG AS	
		1, 1	3J-1907	1	SEAL-O-RING	
		1, 1	9S-4191	1	PLUG-O-RING	
	2	1	162-0177	12	PLUG AS	
		1	3J-1907	1	SEAL-O-RING	
		1	9S-8004	1	PLUG-O-RING	
	3	1	033-6043	1	SEAL-O-RING	
	4	1	113-0283	1	BODY	
Y	5	1	114-1266	1	VALVE GP-PRESSURE REDUCING (PILOT)	740
Y	6	1	114-1267	1	VALVE GP-PRESSURE REDUCING (PILOT)	660
	7	1	114-9106	1	BODY-VALVE	
	8	1	125-6786	1	PLUG	
Y	9	1	203-4157	1	VALVE GP-SOLENOID (24-VOLT) (HYRAULIC LOCKOUT)	747
Y	10	1	208-2911	6	VALVE GP-SOLENOID (24-VOLT) (PILOT PROPORTIONING)	748
	11	1	2M-9780	1	SEAL-O-RING	
	12	1	3J-1907	1	SEAL-O-RING	
	13	1	4M-8303	3	SEAL-O-RING	
Y	14	1	6E-3373	1	VALVE GP-SHUTTLE	745
	15	1	6V-0852	1	CAP-DUST	
	16	1	6V-3965	1	FITTING-COUPLER	
	17	1	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)	
M	18	1	8T-6466	3	BOLT (M10X1.5X60-MM)	

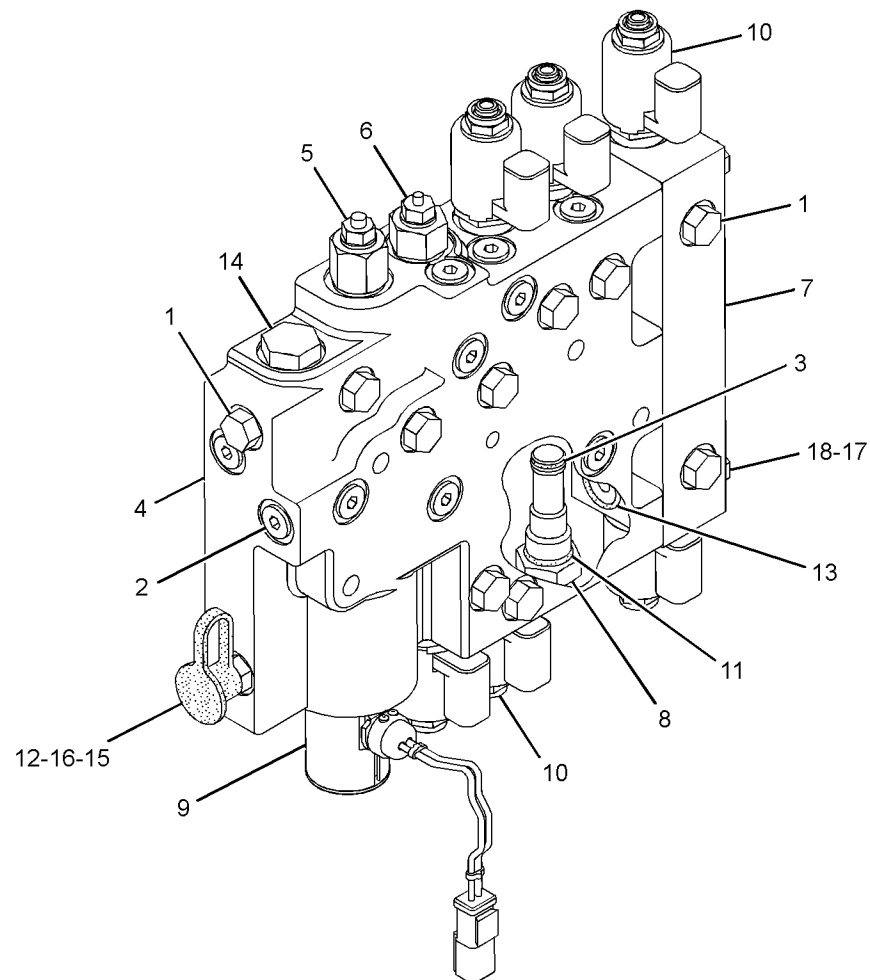
M-METRIC PART

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

203-8711 VALVE GP-PILOT (contd.)

i02463766



GRAPHIC #1

<END>

g01248180

HYDRAULIC SYSTEM

114 - 1266 VALVE GP - PRESSURE REDUCING-PRIMARY

S/N: ASX1-UP

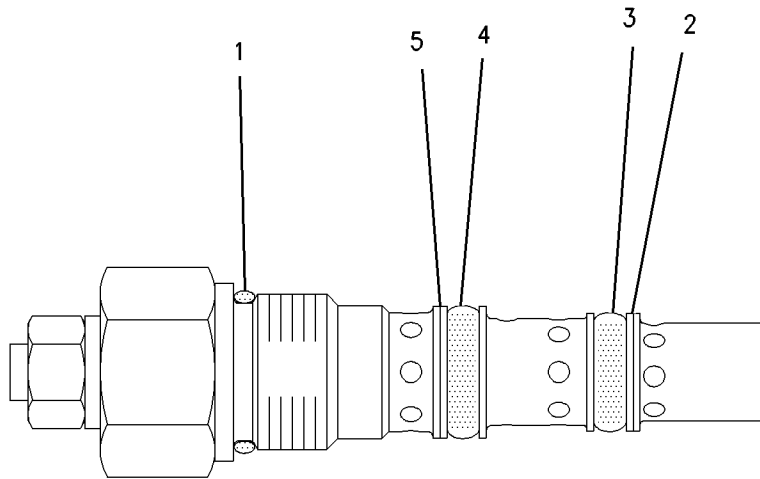
PART OF 203-8711 VALVE GP-PILOT

FIELD REPLACEMENT ORDER 252-8038-PAGE 741

SMCS-5117

i01464052

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2M-9780	1	SEAL-O-RING						
	2	1	6V-3505	1	RING-BACKUP						
	3	1	8C-3132	1	SEAL-O-RING						
	4	1	6E-0410	1	SEAL-O-RING						
	5	1	5P-2199	1	RING-BACKUP						



GRAPHIC #1

<END>

g00765123

HYDRAULIC SYSTEM

252 - 8038 VALVE GP - PRESSURE REDUCING-PRIMARY

S/N: ASX1-UP

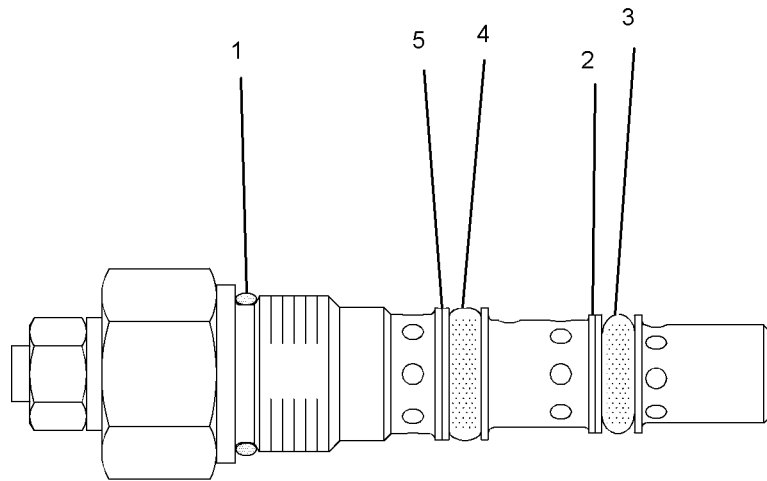
FIELD REPLACEMENT FOR 114-1266-PAGE 740

FIELD INSTALLATION

SMCS-5117

i02148309

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2M-9780	1	SEAL-O-RING						
	2	1	6V-3505	1	RING-BACKUP						
	3	1	8C-3132	1	SEAL-O-RING						
	4	1	6E-0410	1	SEAL-O-RING						
	5	1	5P-2199	1	RING-BACKUP						



GRAPHIC #1

<END>

g01089904

HYDRAULIC SYSTEM

168-2210 VALVE GP - PUMP CONTROL- PRESSURE, FLOW COMPENSATOR-BRAKE, HYDRAULIC FAN

S/N: ASX1-UP

PART OF 184-3124 PUMP GP-PISTON

SMCS-5455

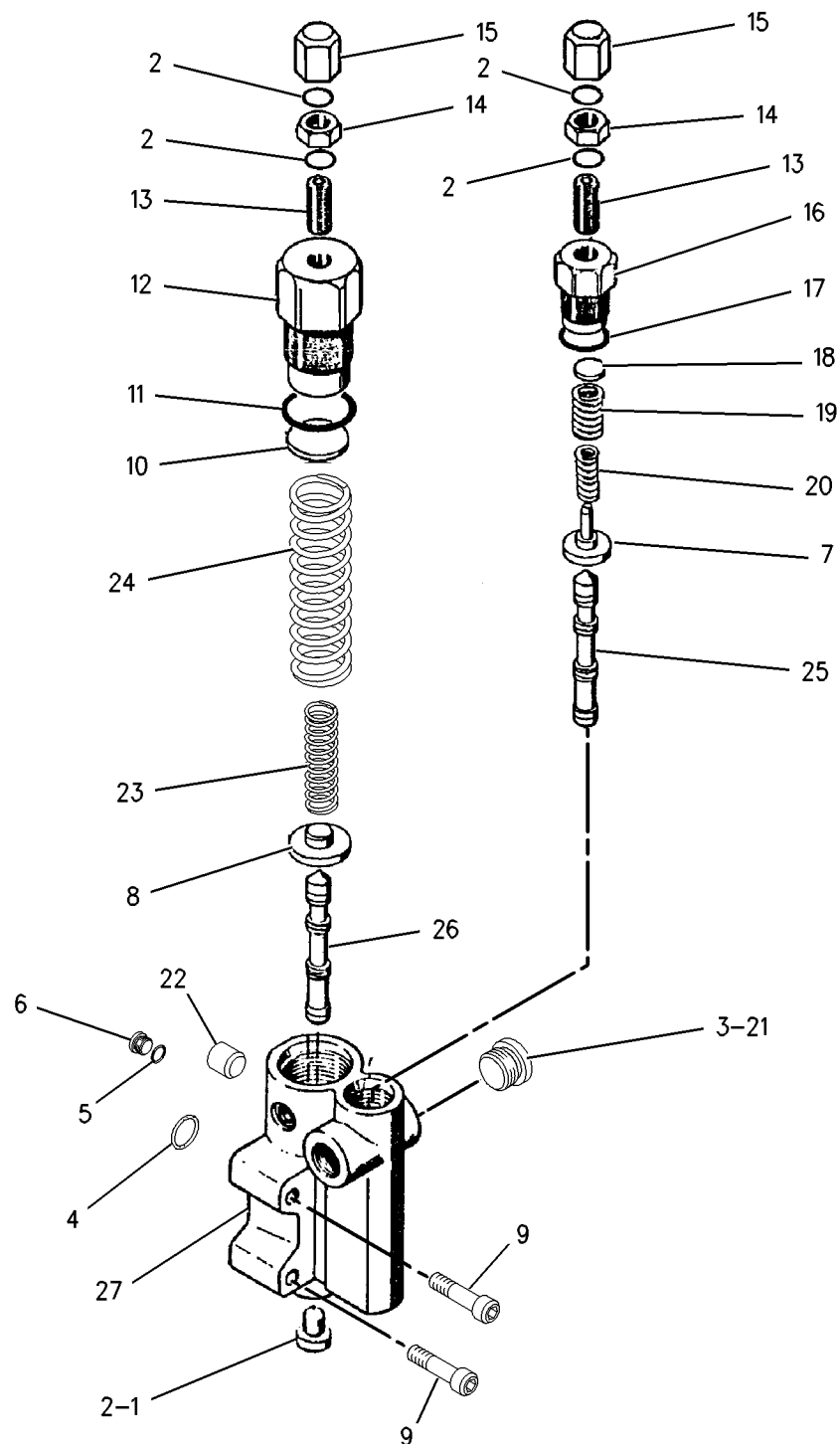
i01790993

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6E-6527	2	PLUG						
	2	1	6E-6528	6	SEAL						
	3	1	9S-8002	1	PLUG-O-RING						
	4	1	9X-7680	3	SEAL-O-RING						
	5	1	5P-9262	1	SEAL-O-RING						
	6	1	105-2145	1	VALVE-ORIFICE						
	7	1	6E-3268	1	RETAINER-SPRING						
	8	1	6E-3269	1	RETAINER-SPRING						
M	9	1	8T-8442	4	BOLT-SOCKET HEAD (M6X1X30-MM)						
	10	1	6E-3273	1	SEAT						
	11	1	6V-8352	1	SEAL-O-RING						
	12	1	6E-6536	1	PLUG						
M	13	1	6E-6537	2	SCREW-ADJUSTMENT (M8X1X28-MM)						
M	14	1	6E-6538	2	NUT-ADJUSTMENT (M8X1-THD)						
M	15	1	6E-6539	2	NUT-CAP (M8X1-THD)						
	16	1	6E-6540	1	PLUG						
	17	1	033-6043	1	SEAL-O-RING						
	18	1	6E-3272	1	SEAT						
	19	1	6E-3274	1	SPRING						
	20	1	6E-3275	1	SPRING						
	21	1	3J-7354	1	SEAL-O-RING						
	22	1	201-0780	1	ORIFICE						
	23	1	193-1036	1	SPRING						
	24	1	6E-3276	1	SPRING						
Z	25	1		1	STEM						
Z	26	1		1	STEM						
Z	27	1		1	BODY						
M-METRIC PART											
Z-NOT SERVICED SEPARATELY											

HYDRAULIC SYSTEM

168-2210 VALVE GP - PUMP CONTROL (contd.)

i01790993



GRAPHIC #1

<END>

g00918518

HYDRAULIC SYSTEM

134-6264 VALVE GP-RELIEF-MAIN

S/N: ASX1-UP

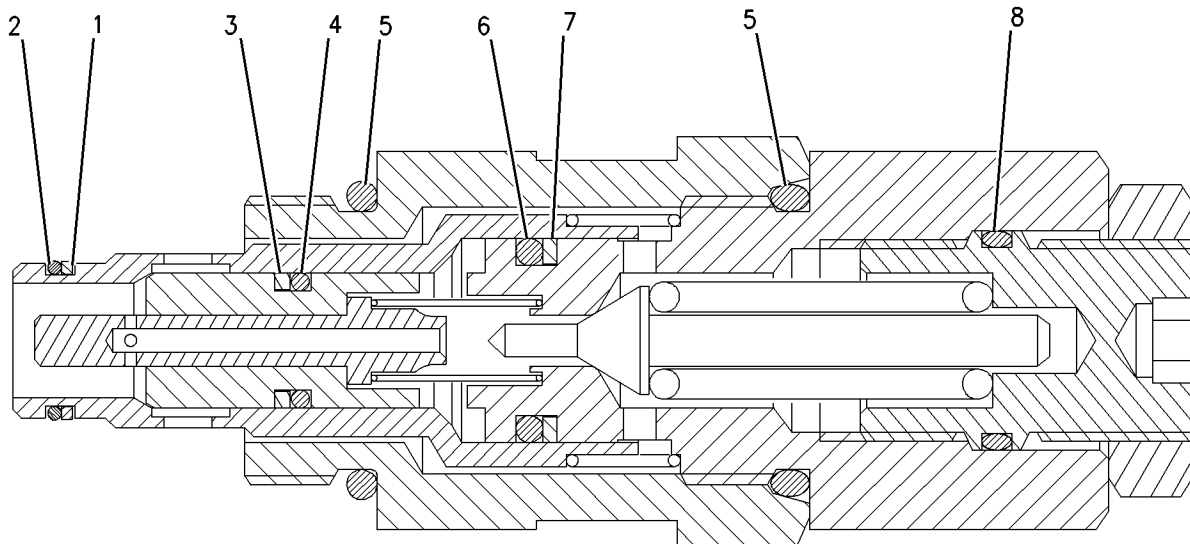
PILOT OPERATED

PART OF 211-2272 VALVE GP-MAIN CONTROL

SMCS-5069, 5117

i01458645

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	033-5879	1	SEAL-O-RING						
	2	1	9J-0705	1	RING-BACKUP						
	3	1	030-0167	1	RING-BACKUP						
	4	1	8L-2779	1	SEAL-O-RING						
	5	1	033-6036	2	SEAL-O-RING						
	6	1	3P-0647	1	SEAL-O-RING						
	7	1	9J-0707	1	RING-BACKUP						
	8	1	2P-2975	1	SEAL-O-RING						



GRAPHIC #1

<END>

g00763770

HYDRAULIC SYSTEM

6E-3373 VALVE GP-SHUTTLE

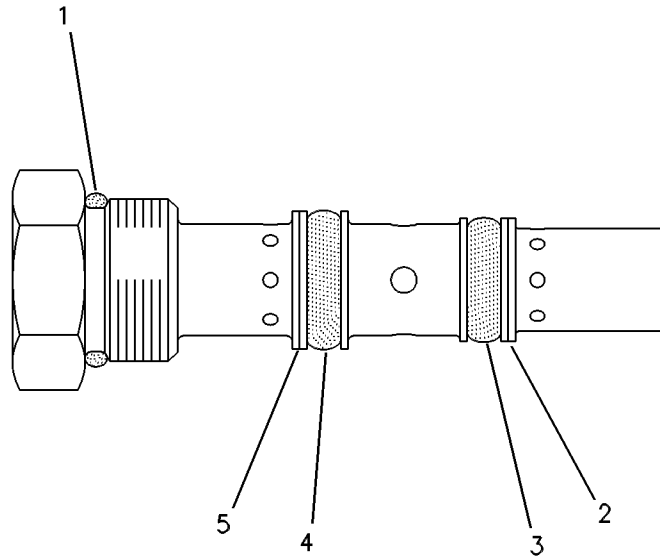
S/N: ASX1-UP

PART OF 203-8711 VALVE GP-PILOT

SMCS-5079

i01747002

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2M-9780	1	SEAL-O-RING (19.18MM ID)						
	2	1	6V-3505	1	RING-BACKUP						
	3	1	8C-3132	1	SEAL-O-RING (14.13MM ID)						
	4	1	6E-0410	1	SEAL-O-RING (16.1MM ID)						
	5	1	5P-2199	1	RING-BACKUP						



GRAPHIC #1

<END>

g00121060

HYDRAULIC SYSTEM

183-7595 VALVE GP-SOLENOID

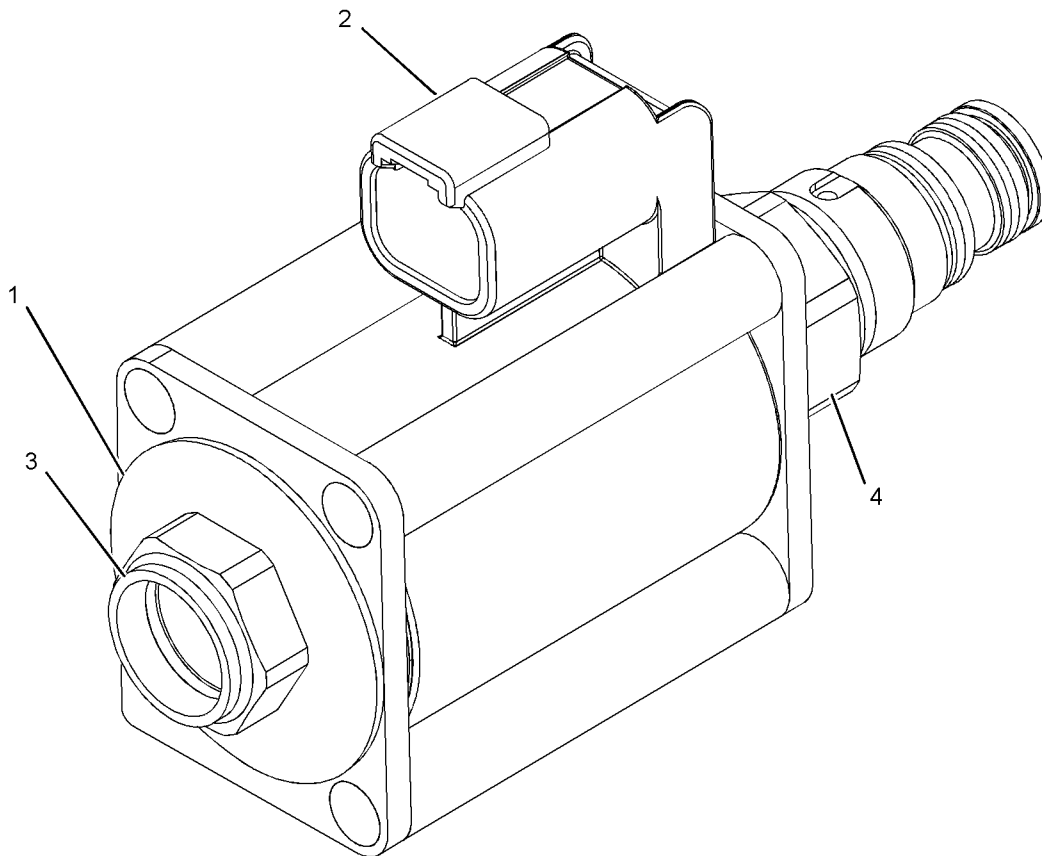
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PART OF 191-8735 VALVE GP-DEMAND FAN

SMCS-5132, 5479

i02279507

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	146-3728	1	WASHER - SPRING						
	2	1	187-8191	1	COIL AS						
Z	3	1		1	CARTRIDGE AS						
Z	4	1		1	ADAPTER AS						
Z - NOT SERVICED SEPARATELY											



GRAPHIC #1

<END>

g01141533

HYDRAULIC SYSTEM

203-4157 VALVE GP-SOLENOID

S/N: ASX1-UP

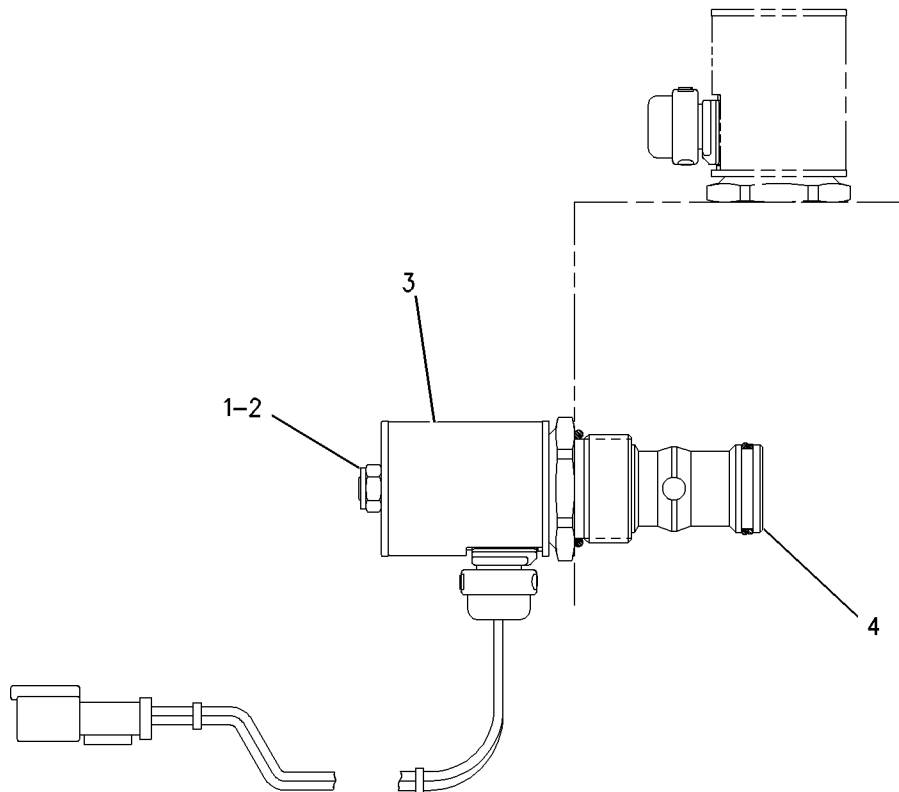
PART OF 203-8711 VALVE GP-PILOT

FIELD REPLACEMENT ORDER 279-6528-PAGE 749

SMCS-5132, 5479

i01989020

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	111-0343	1	LOCKNUT (5/16-18-THD)						
	2	1	8C-9987	1	WASHER (8.3X28X2.5-MM THK)						
	3	1	189-0189	1	COIL AS						
		1	1S-9593	2	STRAP-CABLE						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2-PIN)						
		1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)						
4		1	152-6760	1	CARTRIDGE AS						
		1	8C-9987	1	WASHER (8.3X28X2.5-MM THK)						
		1	111-0343	1	LOCKNUT (5/16-18-THD)						
					AVAILABLE REPAIR KIT(S) :						
			3G-8175	1	KIT-SEAL (SOLENOID VALVE)						
					(INCLUDES SEAL-O-RINGS AND RING-BACKUP)						



GRAPHIC #1

<END>

g00805789

HYDRAULIC SYSTEM

208-2911 VALVE GP-SOLENOID

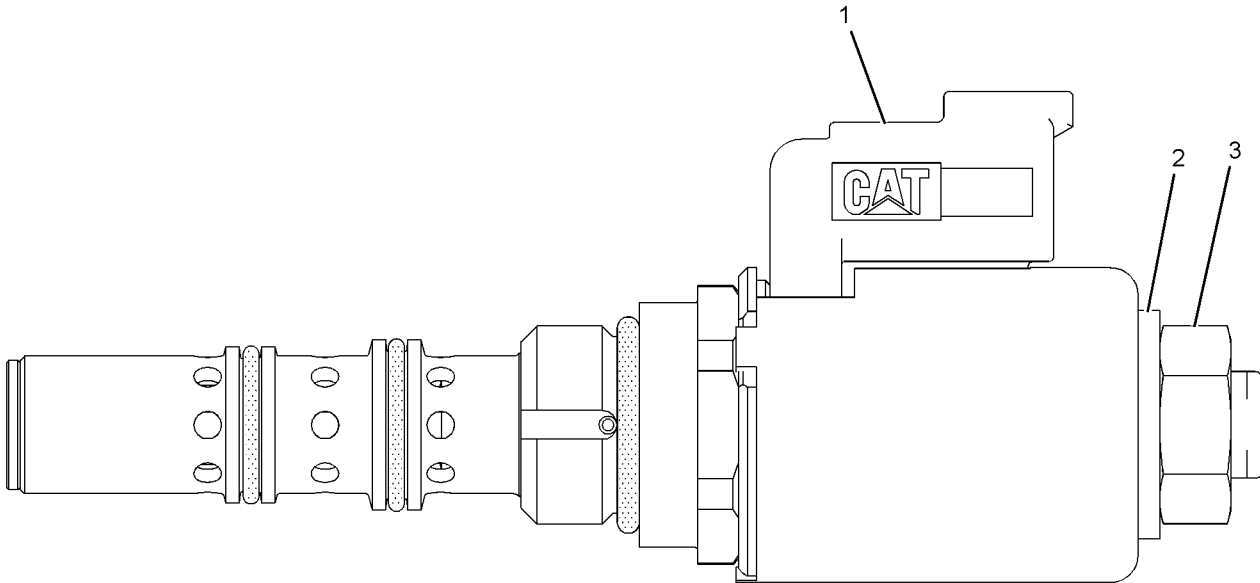
S/N: ASX1-UP

PART OF 203-8711 VALVE GP-PILOT

SMCS-5132, 5479

i02761683

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	226-9622	1	COIL AS (24-VOLT)						
	2	1	164-2108	1	WASHER (13.03X25.4X2.38-MM THK)						
	3	1	218-2373	1	NUT (1/2-28-THD)						
					AVAILABLE REPAIR KIT(S) :						
					108-2148	1	KIT-SEAL (SOLENOID VALVE)				
					(INCLUDES 3 SEALS)						



GRAPHIC #1

<END>

g01132401

HYDRAULIC SYSTEM

279-6528 VALVE GP-SOLENOID

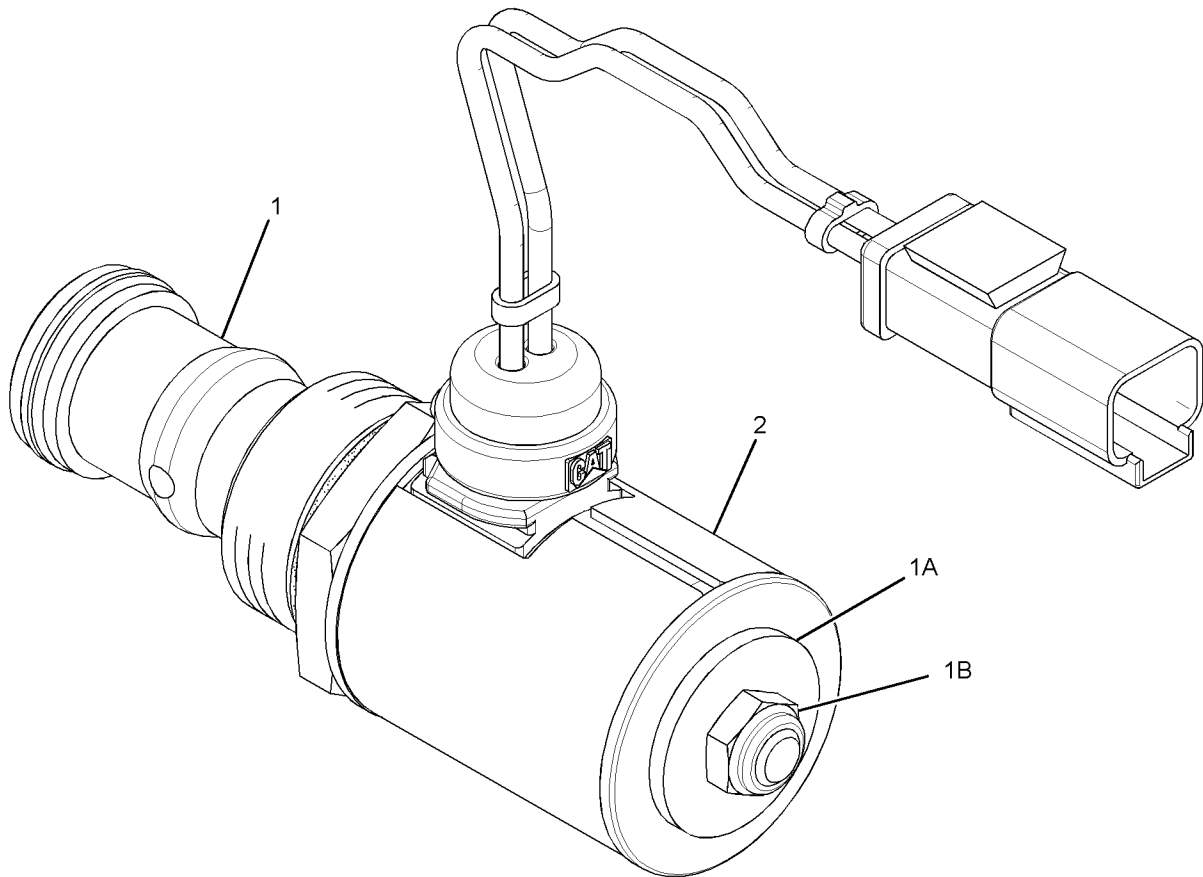
S/N: ASX1-UP

FIELD REPLACEMENT FOR 203-4157-PAGE 747

SMCS-5132, 5479

i02724828

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
J	1	1	152-6760	1	CARTRIDGE AS						
	1A	1	8C-9987	1	WASHER (8.3X28X2.5-MM THK)						
	1B	1	111-0343	1	LOCKNUT (5/16-18-THD)						
	2	1	227-4398	1	COIL AS						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	1S-9593	2	STRAP-CABLE						
					AVAILABLE REPAIR KIT(S) :						
J			3G-8175	1	KIT-SEAL						
					(INCLUDES SEAL-O-RINGS & BACK UP RING)						
J-KIT MARKED J SERVICES PART MARKED J											



GRAPHIC #1

<END>

g01369520

IMPLEMENTS

262 - 6863 BULLDOZER AR-WITHOUT BLADE

S/N: ASX1-UP
AN ATTACHMENT

SMCS - 6050

i02758563

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	225-3676	1	CYLINDER GP-LIFT (AUTOMATIC BLADE POSITIONING)						673
Y	116-9848	1	CYLINDER GP-TILT & TIP (LH)						675
Y	196-2430	1	CYLINDER GP-TILT & TIP (RH)						677
Y	116-2428	1	LINES GP-LIFT CYLINDER						698
Y	116-2429	1	LINES GP-TILT CYLINDER						708
Y	116-4940	1	MOUNTING GP-LIFT CYLINDER						713
Y	116-6865	1	PIN GP-BULLDOZER						753
Y	209-3849	1	PUSH ARM GP (RH)						754
Y	209-3850	1	PUSH ARM GP (LH)						755
Y	160-4835	1	STABILIZER GP-BULLDOZER						759
Y	113-1822	1	TRUNNION GP-BULLDOZER						762
	5P-2506	1	LITERATURE GP						
	7F-3400	1	BAG-POLYETHYLENE						
	137-5505	1	PLATE & FILM GP						
	4B-4158	2	SCREW-DRIVE (3/16X0.25-IN)						
	8T-7371	1	PLATE-SERIAL NUMBER						
	9S-8072	1	FILM-IDENTIFICATION (U.S.)						

Y-SEPARATE ILLUSTRATION

<END>

281 - 0560 BULLDOZER AR

S/N: ASX1-UP
AN ATTACHMENT

SMCS - 6050

i02697284

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	265-5606	1	BLADE GP-SEMI-UNIVERSAL						766
Y	225-3676	1	CYLINDER GP-LIFT (AUTOMATIC BLADE POSITIONING)						673
Y	116-9848	1	CYLINDER GP-TILT & TIP (LH)						675
Y	196-2430	1	CYLINDER GP-TILT & TIP (RH)						677
Y	116-2428	1	LINES GP-LIFT CYLINDER						698
Y	116-2429	1	LINES GP-TILT CYLINDER						708
Y	116-4940	1	MOUNTING GP-LIFT CYLINDER						713
Y	116-6865	1	PIN GP-BULLDOZER						753
Y	209-3849	1	PUSH ARM GP (RH)						754
Y	209-3850	1	PUSH ARM GP (LH)						755
Y	160-4835	1	STABILIZER GP-BULLDOZER						759
Y	113-1822	1	TRUNNION GP-BULLDOZER						762

Y-SEPARATE ILLUSTRATION

<END>

IMPLEMENTS

262 - 6864 BULLDOZER AR-STRAIGHT

S/N: ASX1-UP
AN ATTACHMENT

SMCS-6050, 6051

i02758565

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	144-0924	1	BLADE GP-STRAIGHT						770
Y	225-3676	1	CYLINDER GP-LIFT (AUTOMATIC BLADE POSITIONING)						673
Y	116-9848	1	CYLINDER GP-TILT & TIP (LH)						675
Y	196-2430	1	CYLINDER GP-TILT & TIP (RH)						677
Y	116-2428	1	LINES GP-LIFT CYLINDER						698
Y	116-2429	1	LINES GP-TILT CYLINDER						708
Y	116-4940	1	MOUNTING GP-LIFT CYLINDER						713
Y	116-6865	1	PIN GP-BULLDOZER						753
Y	209-3849	1	PUSH ARM GP (RH)						754
Y	209-3850	1	PUSH ARM GP (LH)						755
Y	160-4835	1	STABILIZER GP-BULLDOZER						759
Y	113-1822	1	TRUNNION GP-BULLDOZER						762
	5P-2506	1	LITERATURE GP						
	7F-3400	1	BAG-POLYETHYLENE						
	137-5505	1	PLATE & FILM GP						
	4B-4158	2	SCREW-DRIVE (3/16X0.25-IN)						
	8T-7371	1	PLATE-SERIAL NUMBER						
	9S-8072	1	FILM-IDENTIFICATION (U.S.)						

Y-SEPARATE ILLUSTRATION

<END>

262 - 6865 BULLDOZER AR-STRAIGHT

S/N: ASX1-UP
AN ATTACHMENT

SMCS-6050, 6051

i02758567

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	113-8929	1	BLADE GP-STRAIGHT						768
Y	225-3676	1	CYLINDER GP-LIFT (AUTOMATIC BLADE POSITIONING)						673
Y	116-9848	1	CYLINDER GP-TILT & TIP (LH)						675
Y	196-2430	1	CYLINDER GP-TILT & TIP (RH)						677
Y	116-2428	1	LINES GP-LIFT CYLINDER						698
Y	116-2429	1	LINES GP-TILT CYLINDER						708
Y	116-4940	1	MOUNTING GP-LIFT CYLINDER						713
Y	116-6865	1	PIN GP-BULLDOZER						753
Y	209-3849	1	PUSH ARM GP (RH)						754
Y	209-3850	1	PUSH ARM GP (LH)						755
Y	160-4835	1	STABILIZER GP-BULLDOZER						759
Y	113-1822	1	TRUNNION GP-BULLDOZER						762
	5P-2506	1	LITERATURE GP						
	7F-3400	1	BAG-POLYETHYLENE						
	137-5505	1	PLATE & FILM GP						
	4B-4158	2	SCREW-DRIVE (3/16X0.25-IN)						
	8T-7371	1	PLATE-SERIAL NUMBER						
	9S-8072	1	FILM-IDENTIFICATION (U.S.)						

Y-SEPARATE ILLUSTRATION

<END>

IMPLEMENTS

239 - 3528 BULLDOZER AR - UNIVERSAL - HEAVY - DUTY

S/N: ASX1 - UP
AN ATTACHMENT

SMCS - 6053

i02217256

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	239 - 1092	1	BLADE GP - UNIVERSAL (HEAVY - DUTY)						771
Y	225 - 3676	1	CYLINDER GP - LIFT (AUTOMATIC BLADE POSITIONING)						673
Y	116 - 9848	1	CYLINDER GP - TILT & TIP (LH)						675
Y	196 - 2430	1	CYLINDER GP - TILT & TIP (RH)						677
Y	116 - 2428	1	LINES GP - LIFT CYLINDER						698
Y	116 - 2429	1	LINES GP - TILT CYLINDER						708
Y	116 - 4940	1	MOUNTING GP - LIFT CYLINDER						713
Y	116 - 6865	1	PIN GP - BULLDOZER						753
Y	259 - 0361	1	PUSH ARM GP (LH)						758
Y	259 - 0360	1	PUSH ARM GP (RH)						757
Y	239 - 3529	1	STABILIZER GP - BULLDOZER						761
Y	113 - 1822	1	TRUNNION GP - BULLDOZER						762

Y - SEPARATE ILLUSTRATION

<END>

263 - 6868 BULLDOZER AR - UNIVERSAL

S/N: ASX1 - UP
AN ATTACHMENT

SMCS - 6053

i02758569

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	258 - 5040	1	BLADE GP - UNIVERSAL						773
Y	225 - 3676	1	CYLINDER GP - LIFT (AUTOMATIC BLADE POSITIONING)						673
Y	116 - 9848	1	CYLINDER GP - TILT & TIP (LH)						675
Y	196 - 2430	1	CYLINDER GP - TILT & TIP (RH)						677
Y	116 - 2428	1	LINES GP - LIFT CYLINDER						698
Y	116 - 2429	1	LINES GP - TILT CYLINDER						708
Y	116 - 4940	1	MOUNTING GP - LIFT CYLINDER						713
Y	116 - 6865	1	PIN GP - BULLDOZER						753
Y	209 - 3849	1	PUSH ARM GP (RH)						754
Y	209 - 3850	1	PUSH ARM GP (LH)						755
Y	160 - 4835	1	STABILIZER GP - BULLDOZER						759
Y	113 - 1822	1	TRUNNION GP - BULLDOZER						762
	5P - 2506	1	LITERATURE GP						
	7F - 3400	1	BAG - POLYETHYLENE						
	137 - 5505	1	PLATE & FILM GP						
	4B - 4158	2	SCREW - DRIVE (3/16X0.25 - IN)						
	8T - 7371	1	PLATE - SERIAL NUMBER						
	9S - 8072	1	FILM - IDENTIFICATION (U.S.)						

Y - SEPARATE ILLUSTRATION

<END>

IMPLEMENTS

116-6865 PIN GP - BULLDOZER

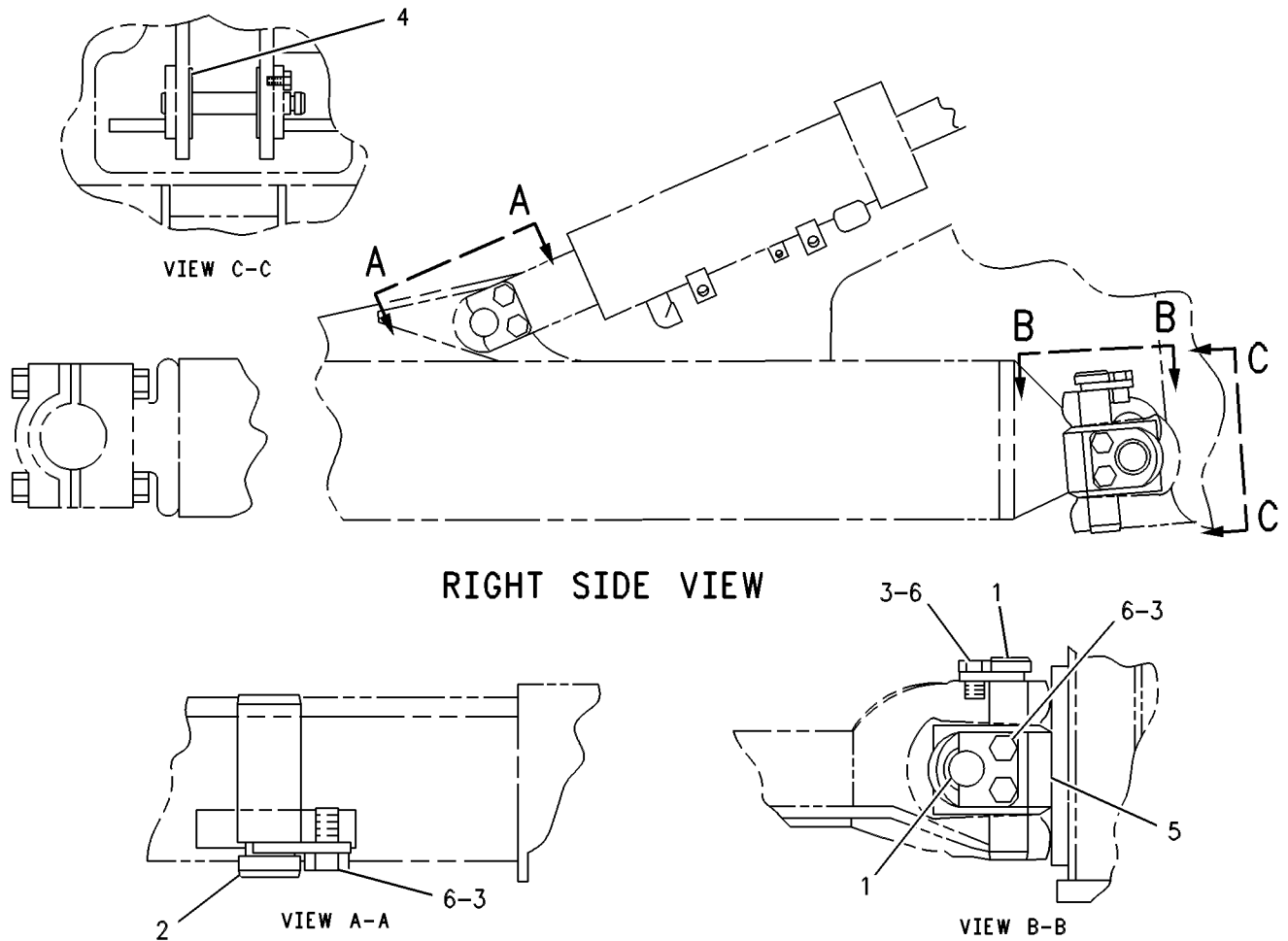
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PART OF 262-6863, 281-0560 BULLDOZER AR, 262-6864, 262-6865 BULLDOZER
AR-STRAIGHT, 239-3528, 263-6868 BULLDOZER AR-UNIVERSAL
AN ATTACHMENT

SMCS-5104, 6061, 6065, 6066

i00174102

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1U-0872	4	PIN						
	2	1	1U-0873	2	PIN						
	3	1	6J-8570	6	RETAINER						
	4	1	7K-9221	6	WASHER						
	5	1	8E-6754	2	CONNECTOR AS						
					(EACH INCLUDES)						
		1	8E-6755	2	BEARING-SLEEVE						
		1	8E-6756	2	BEARING-SLEEVE						
M	6	1	7X-2561	12	BOLT (M20X2.5X35-MM)						
M-METRIC PART											



GRAPHIC #1

<END>

g00121570

IMPLEMENTS

209-3849 PUSH ARM GP-RH

S/N: ASX1-UP

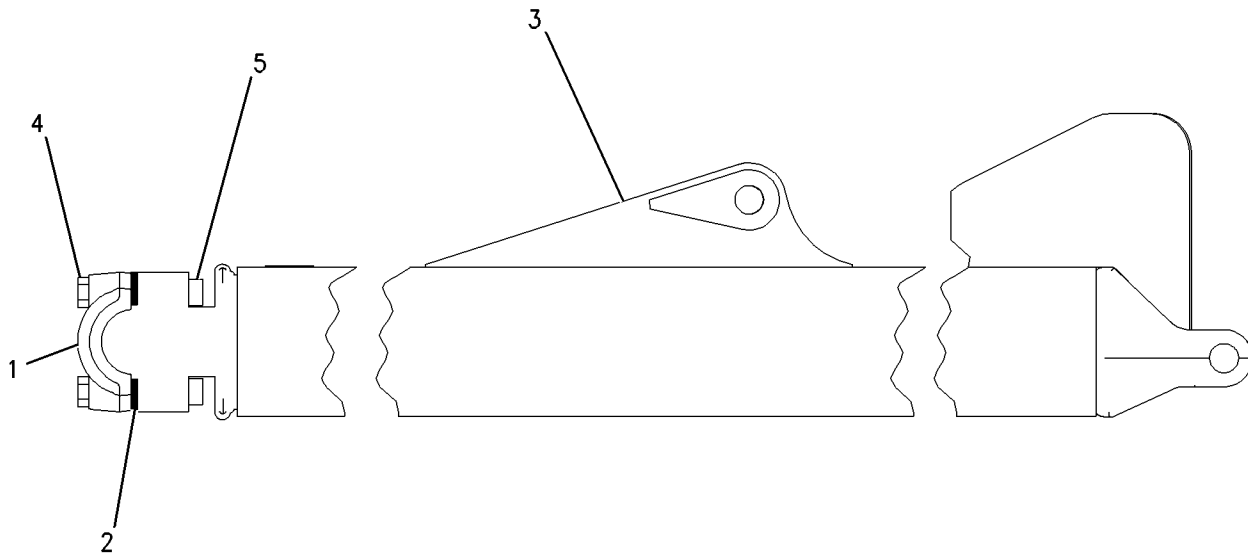
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AR-STRAIGHT, 263-6868 BULLDOZER AR-UNIVERSAL
AN ATTACHMENT

SMCS-6061

i01690162

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6F-7523	1	CAP-BEARING						
B	2	1	9W-7602	26	SHIM (0.8-MM THK)						
	3	1	209-3844	1	PUSH ARM AS (RH)						
		1	1J-6740	1	BEARING						
		1	8P-9770	1	PLATE-INFORMATION						
		1	113-0005	1	BRACKET						
M	4	1	7X-3311	2	BOLT (M30X3.5X200-MM)						
M	5	1	8C-8722	2	NUT (M30X3.5-THD)						

B-USE AS REQUIRED
M-METRIC PART



GRAPHIC #1

<END>

g00871239

IMPLEMENTS

209-3850 PUSH ARM GP-LH

S/N: ASX1-UP

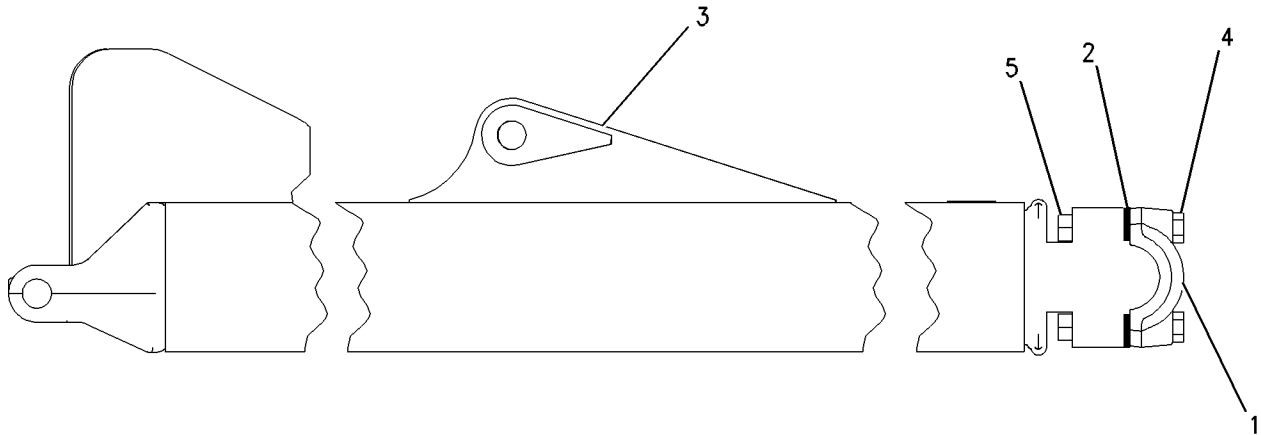
PART OF 262-6863, 281-0560 BULLDOZER AR, 262-6864, 262-6865 BULLDOZER
AR-STRAIGHT, 263-6868 BULLDOZER AR-UNIVERSAL
AN ATTACHMENT

SMCS-6061

i01690226

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6F-7523	1	CAP-BEARING						
B	2	1	9W-7602	26	SHIM (0.8-MM THK)						
	3	1	209-3845	1	PUSH ARM AS (LH)						
		1	1J-6740	1	BEARING						
		1	8P-9770	1	PLATE-INFORMATION						
		1	113-0006	1	BRACKET						
M	4	1	7X-3311	2	BOLT (M30X3.5X200-MM)						
M	5	1	8C-8722	2	NUT (M30X3.5-THD)						

B-USE AS REQUIRED
M-METRIC PART



GRAPHIC #1

<END>

g00871236

IMPLEMENTS

257-6922 PUSH ARM GP-HEAVY-DUTY

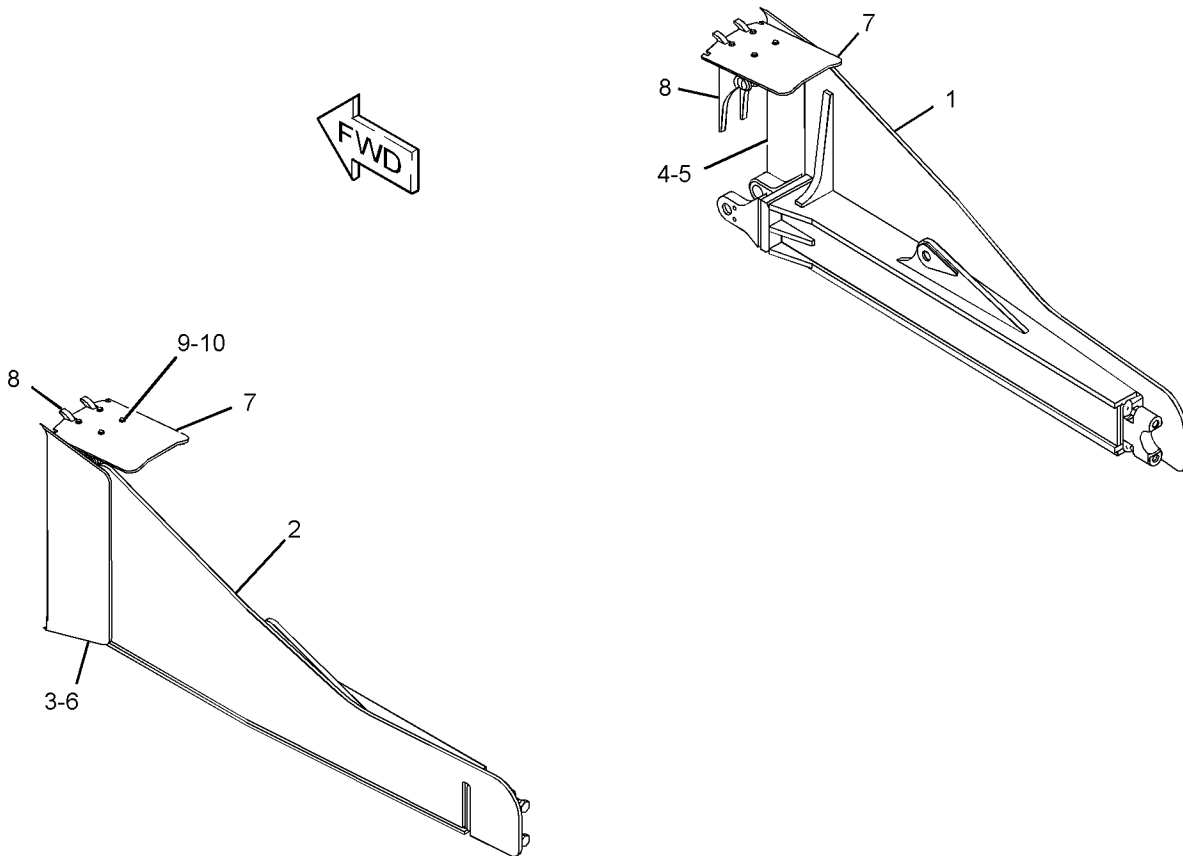
S/N: ASX1-UP
FIELD INSTALLATION

SMCS-6061

i02217904

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	259-0360	1	PUSH ARM GP (RH)	757
Y	2	1	259-0361	1	PUSH ARM GP (LH)	758
	3	1	259-8153	1	PLATE (LH)	
	4	1	259-8154	1	PLATE (RH)	
	5	1	259-8155	1	PLATE-WEAR (RH)	
	6	1	259-8156	1	PLATE-WEAR (LH)	
	7	1	259-8158	2	PLATE	
	8	1	259-8407	2	TRUNNION AS	
	9	1	5P-8245	8	WASHER-HARD (13.5X25.5X3-MM THK)	
M	10	1	8T-4139	8	BOLT (M12X1.75X30-MM)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01278458

IMPLEMENTS

259-0360 PUSH ARM GP-RH

S/N: ASX1-UP

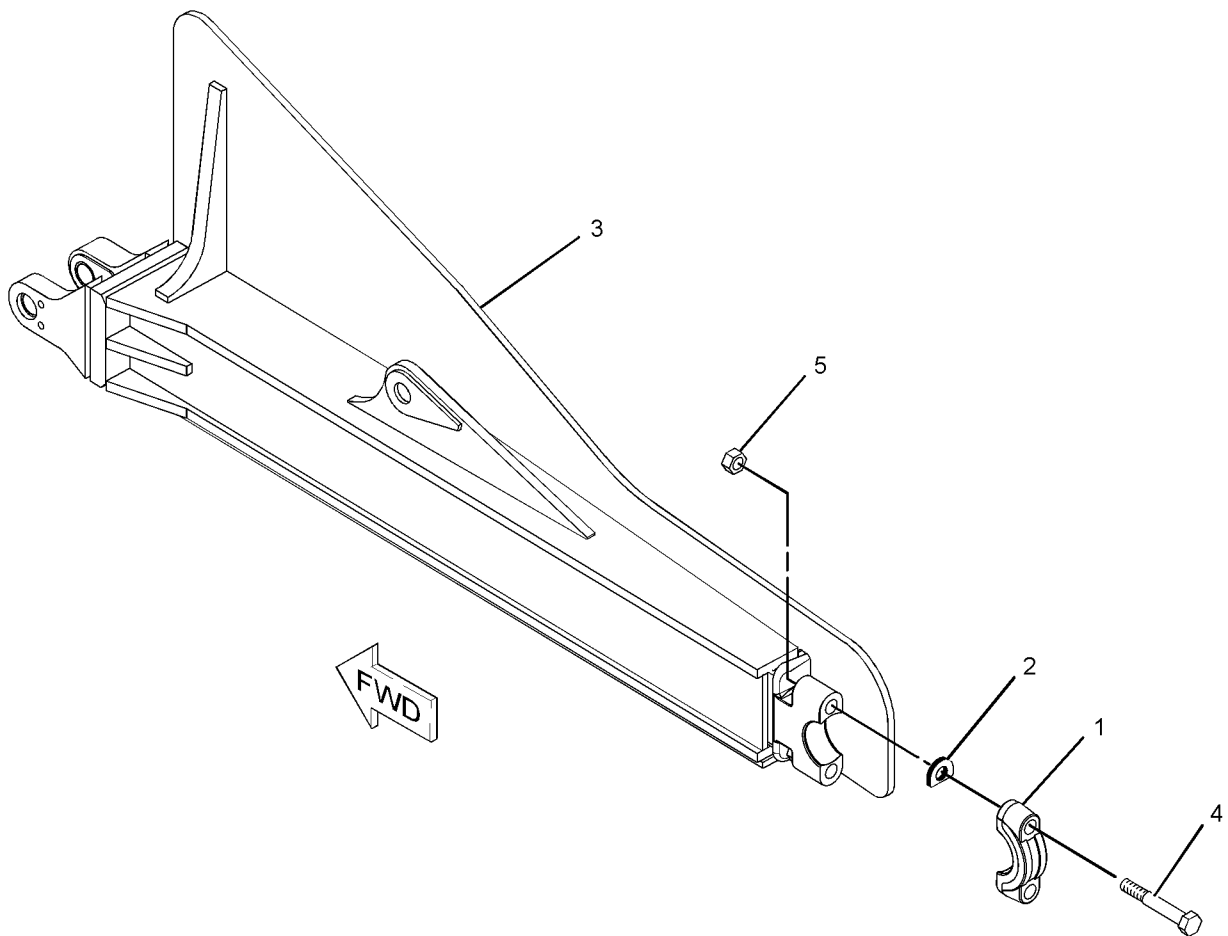
PART OF 239-3528 BULLDOZER AR-UNIVERSAL, 257-6922 PUSH ARM GP
AN ATTACHMENT

SMCS-6061

i02217152

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6F-7523	1	CAP-BEARING						
		1	9W-7602	14	SHIM (0.8-MM THK)						
B	2	1	9W-7602	26	SHIM (0.8-MM THK)						
	3	1	259-0358	1	ARM AS (RH)						
		1	1J-6740	1	BEARING						
		1	9W-7602	14	SHIM (0.8-MM THK)						
		1	259-0003	1	BRACKET AS						
M	4	1	7X-3311	2	BOLT (M30X3.5X200-MM)						
M	5	1	8C-8722	2	NUT (M30X3.5-THD)						

B-USE AS REQUIRED
M-METRIC PART



GRAPHIC #1

<END>

g01120890

IMPLEMENTS

259-0361 PUSH ARM GP-LH

S/N: ASX1-UP

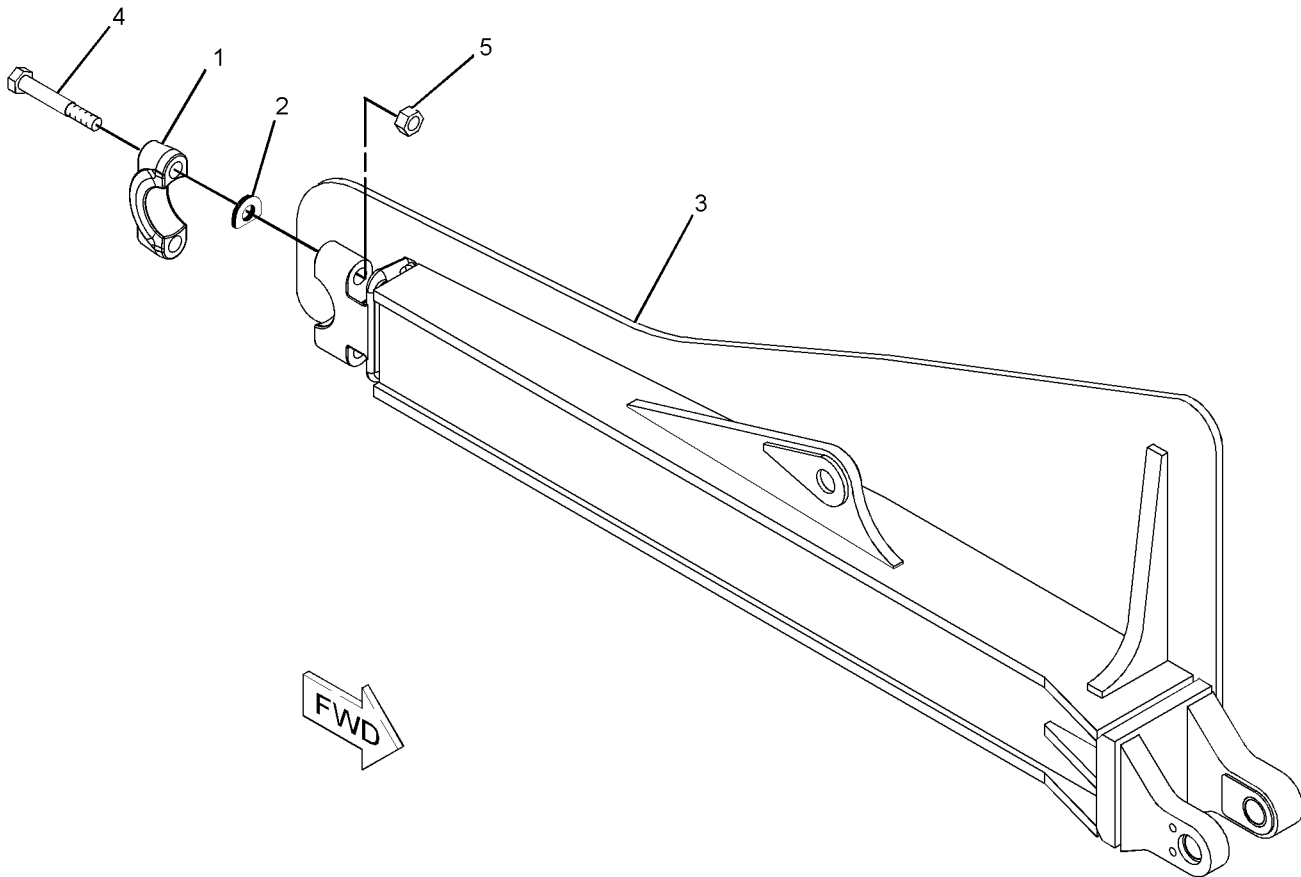
PART OF 239-3528 BULLDOZER AR-UNIVERSAL, 257-6922 PUSH ARM GP
AN ATTACHMENT

SMCS-6061

i02217154

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6F-7523	1	CAP-BEARING						
		1	9W-7602	14	SHIM (0.8-MM THK)						
B	2	1	9W-7602	26	SHIM (0.8-MM THK)						
	3	1	259-0359	1	ARM AS (LH)						
		1	1J-6740	1	BEARING						
B		1	9W-7602	14	SHIM (0.8-MM THK)						
		1	259-0004	1	BRACKET AS						
M	4	1	7X-3311	2	BOLT (M30X3.5X200-MM)						
M	5	1	8C-8722	2	NUT (M30X3.5-THD)						

B-USE AS REQUIRED
M-METRIC PART



GRAPHIC #1

<END>

g01120873

IMPLEMENTS

160-4835 STABILIZER GP-BULLDOZER

S/N: ASX1-UP

PART OF 262-6863, 281-0560 BULLDOZER AR, 262-6864, 262-6865 BULLDOZER
AR-STRAIGHT, 263-6868 BULLDOZER AR-UNIVERSAL
AN ATTACHMENT

SMCS-6156

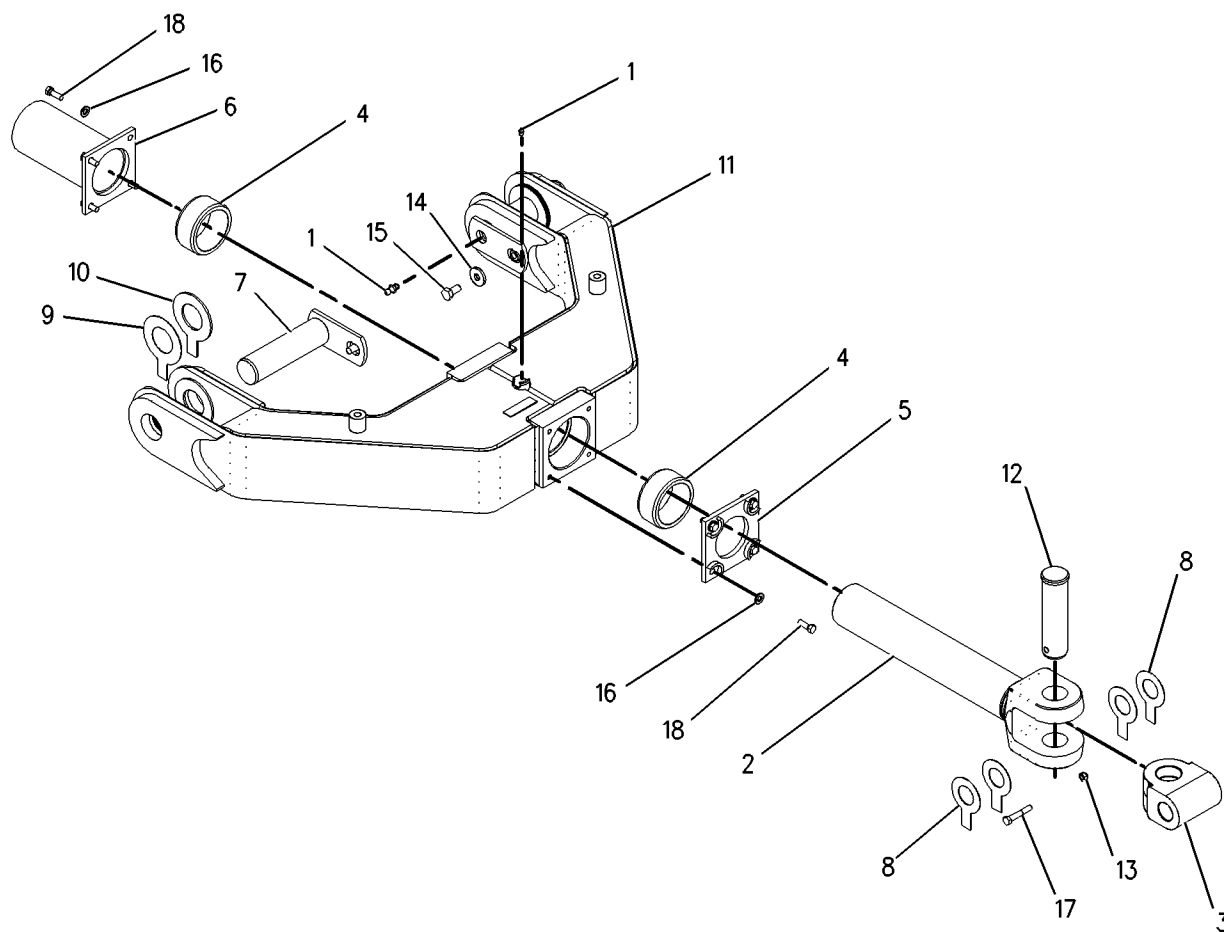
i01831844

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	4T-0589	1	SLIDER						
	3	1	6J-3999	1	CONNECTOR						
	4	1	9J-1555	2	BEARING-SLEEVE						
	5	1	9J-1557	1	RETAINER AS						
	6	1	116-6164	1	COVER AS						
	7	1	118-0869	2	PIN AS						
B	8	1	131-3445	4	SPACER						
B	9	1	136-2050	14	SPACER						
B	10	1	136-2051	4	SPACER						
	11	1	160-4834	1	STABILIZER AS						
	12	1	141-1221	1	PIN						
M	13	1	6V-7687	1	LOCKNUT (M12X1.75-THD)						
	14	1	7X-0583	2	WASHER-HARD (17X45X6-MM THK)						
M	15	1	7X-2552	2	BOLT (M16X2X30-MM)						
	16	1	8T-4223	8	WASHER-HARD (13.5X25.5X3-MM THK)						
M	17	1	8T-4648	1	BOLT (M12X1.75X70-MM)						
M	18	1	8T-4956	8	BOLT (M12X1.75X35-MM)						
B-USE AS REQUIRED											
M-METRIC PART											

IMPLEMENTS

160-4835 STABILIZER GP-BULLDOZER (contd.)

i01831844



GRAPHIC #1

<END>

g00936167

IMPLEMENTS

239 - 3529 STABILIZER GP - BULLDOZER

S/N: ASX1-UP

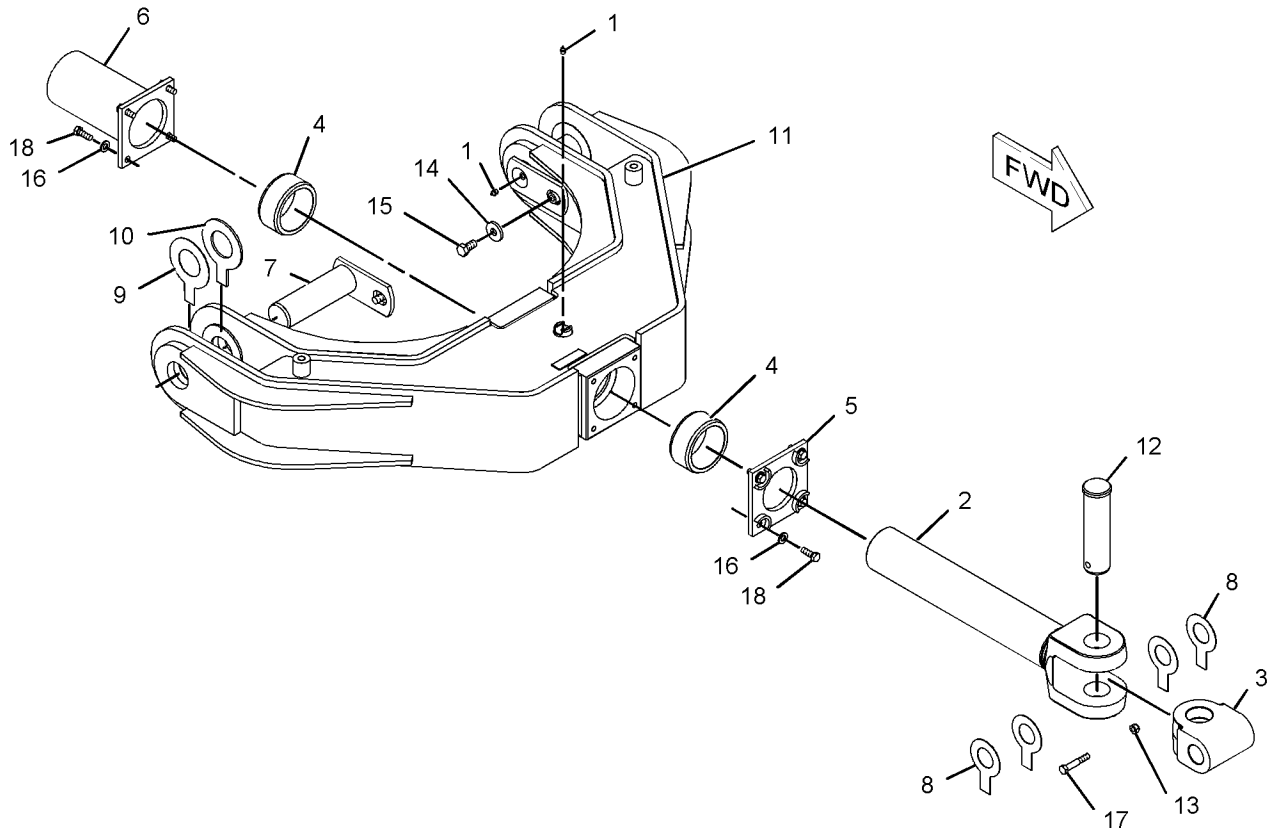
PART OF 239-3528 BULLDOZER AR-UNIVERSAL
AN ATTACHMENT

SMCS-6156

i02218592

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	3B-8489	3	FITTING-GREASE	
	2	1	4T-0589	1	SLIDER	
	3	1	6J-3999	1	CONNECTOR	
	4	1	9J-1555	2	BEARING-SLEEVE	
	5	1	9J-1557	1	RETAINER AS	
	6	1	116-6164	1	COVER AS	
	7	1	259-0424	2	PIN AS	
B	8	1	131-3445	4	SPACER	
B	9	1	136-2050	14	SPACER	
B	10	1	136-2051	4	SPACER	
	11	1	240-0559	1	STABILIZER AS	
	12	1	141-1221	1	PIN	
M	13	1	6V-7687	1	LOCKNUT (M12X1.75-THD)	
	14	1	177-1452	2	WASHER-HARD (22X60X6-MM THK)	
M	15	1	8T-5460	2	BOLT (M20X2.5X40-MM)	
	16	1	8T-4223	8	WASHER-HARD (13.5X25.5X3-MM THK)	
M	17	1	8T-4648	1	BOLT (M12X1.75X70-MM)	
M	18	1	8T-4956	8	BOLT (M12X1.75X35-MM)	

B-USE AS REQUIRED
M-METRIC PART



GRAPHIC #1

<END>

g01034458

IMPLEMENTS

113-1822 TRUNNION GP - BULLDOZER

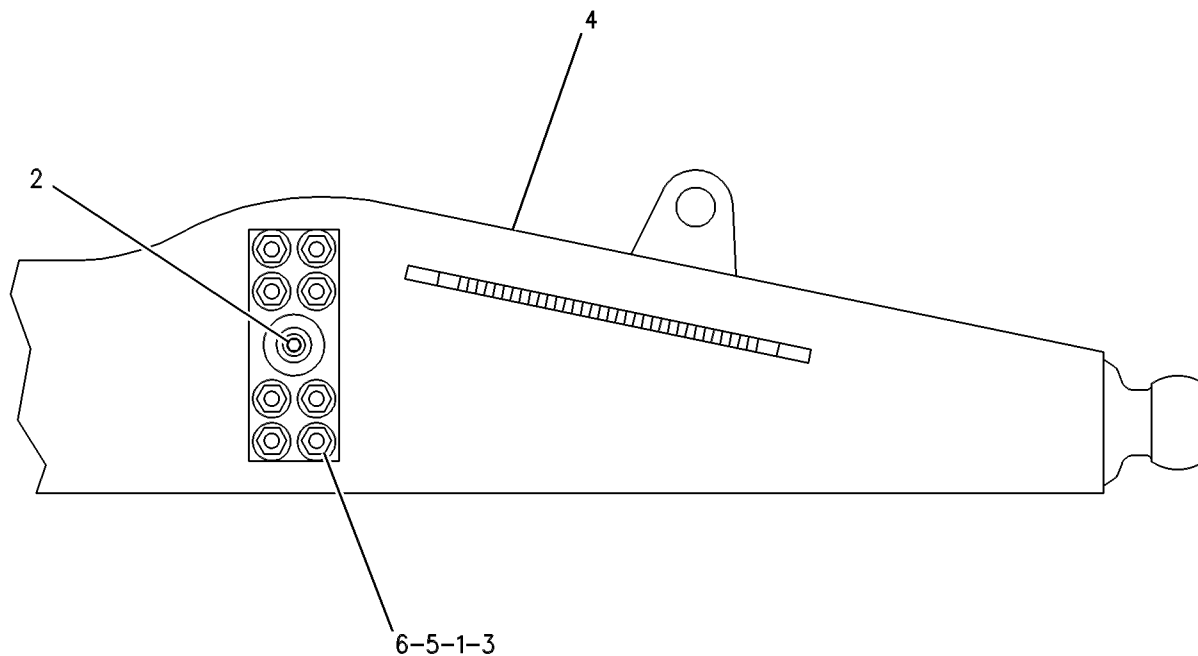
S/N: ASX1-UP

PART OF 262-6863, 281-0560 BULLDOZER AR, 262-6864, 262-6865 BULLDOZER
AR-STRAIGHT, 239-3528, 263-6868 BULLDOZER AR-UNIVERSAL
AN ATTACHMENT

SMCS-6069

i00173113

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	4I-6806	16	BOLT (M24X3.0X380MM)						
	2	1	5M-6214	2	PLUG-PIPE (1/8-27 THD)						
	3	1	7K-2507	16	SPACER						
	4	1	113-1566	1	SUPPORT AS						
		1	6M-2033	2	DOWEL						
	5	1	8T-4167	16	WASHER (4MM THK)						
M	6	1	8T-4001	16	NUT (M24X3.00 THD)						
M-METRIC PART											



TOP VIEW

GRAPHIC #1

<END>

g00121562

WORK TOOLS

4J-8267 BIT GP-END-HEAVY-DUTY

S/N: ASX1-UP
AN ATTACHMENT

SMCS-6804

i01932284

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	3G-8316	1	BIT-END						
	3G-8315	1	BIT-END						
<END>									

WORK TOOLS

265-5607 BLADE AS-SEMI-UNIVERSAL

S/N: ASX1-UP

PART OF 265-5606 BLADE GP-SEMI-UNIVERSAL
AN ATTACHMENT

SMCS-6060, 6078

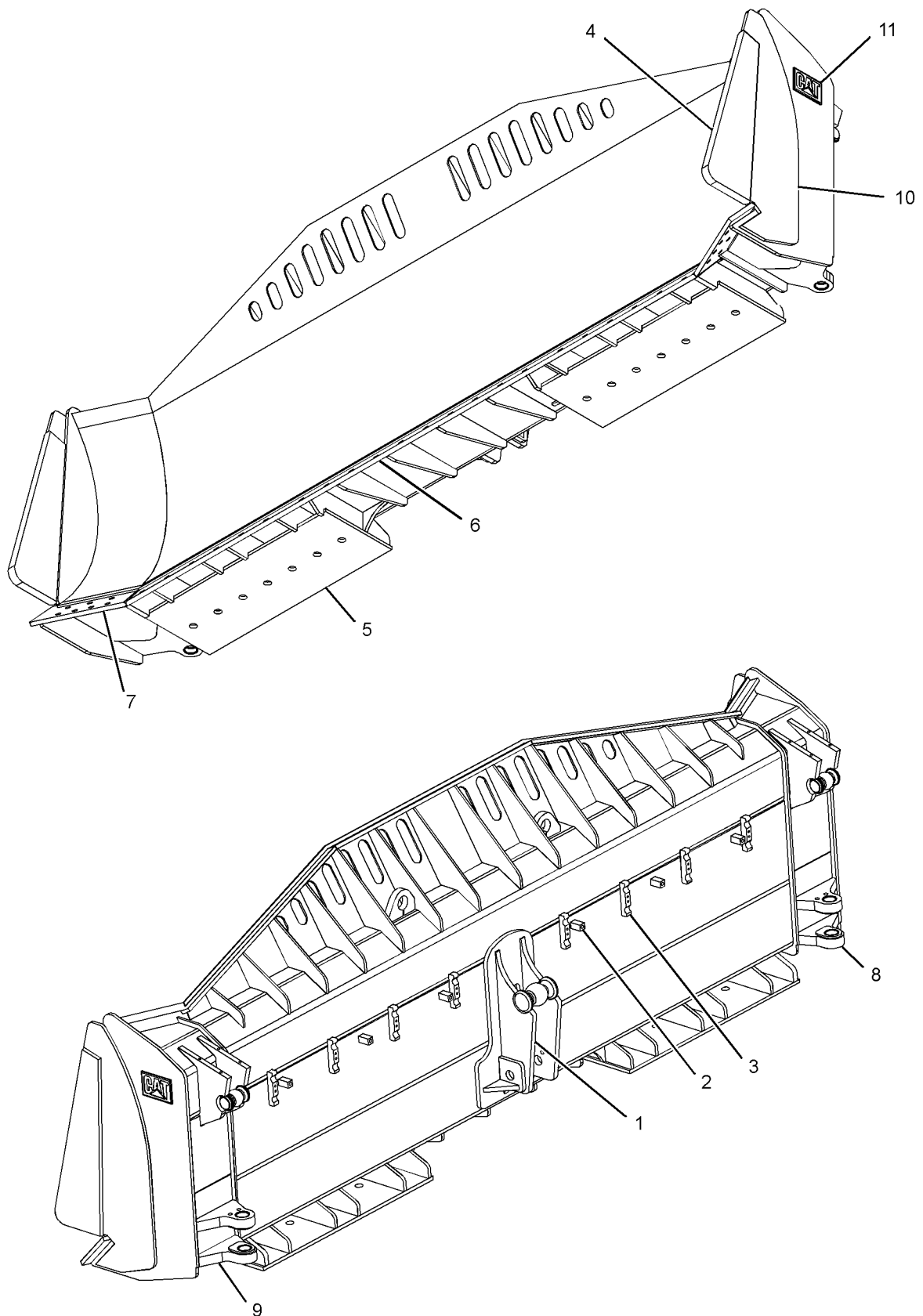
i02657202

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	114-2045	1	BRACKET AS						
		1	9J-0123	1	TRUNNION						
	2	1	117-9694	6	BOSS						
	3	1	129-5082	8	BLOCK						
	4	1	153-6975	2	BAR-CUTTER						
	5	1	253-8743	2	PLATE						
	6	1	278-2570	1	EDGE						
	7	1	278-2574	2	EDGE						
	8	1	278-2577	1	BRACKET AS (RH)						
	9	1	278-2578	1	BRACKET AS (LH)						
					(EACH BRACKET AS INCLUDES)						
		1	1U-0738	2	BEARING-SLEEVE						
		1	5J-6180	1	TRUNNION						
	10	1	278-2587	2	PLATE-SIDE WEAR						
	11	1	2C-9259	2	PLATE-IDENTIFICATION (CAT)						

WORK TOOLS

265-5607 BLADE AS-SEMI-UNIVERSAL (contd.)

i02657202



GRAPHIC #1

<END>

g01361878

WORK TOOLS

265-5606 BLADE GP-SEMI-UNIVERSAL

S/N: ASX1-UP

9-CU YD(6.88-CU M)

PART OF 281-0560 BULLDOZER AR

AN ATTACHMENT

SMCS-6060, 6078

i02657201

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3G-8315	1	BIT-END (RH)	
	2	1	3G-8316	1	BIT-END (LH)	
	3	1	3R-2299	14	BOLT (1-1/4-7X3-IN)	
	4	1	4T-2992	2	EDGE-CUTTING	
	5	1	4T-8797	2	EDGE-CUTTING	
	6	1	6J-6604	1	PIN	
	7	1	6J-8570	1	RETAINER	
	8	1	135-9668	2	SOLE	
Y	10	1	265-5607	1	BLADE AS-SEMI-UNIVERSAL	764
	11	1	278-4518	2	PLATE	
	12	1	2J-3505	36	NUT-FULL (7/8-9-THD)	
	13	1	3K-9770	14	NUT-FULL (1-1/4-7-THD)	
	14	1	4K-0684	14	WASHER-HARD (34X55X6-MM THK)	
	15	1	5P-8245	8	WASHER-HARD (13.5X25.5X3-MM THK)	
	16	1	5P-8249	36	WASHER-HARD (24X41.5X4-MM THK)	
	17	1	6F-0196	36	BOLT-PLOW (7/8-9X2.75-IN)	
	18	1	8T-4123	2	WASHER (22X35X3.5-MM THK)	
M	19	1	8T-4139	8	BOLT (M12X1.75X30-MM)	
M	20	1	8T-5460	2	BOLT (M20X2.5X40-MM)	

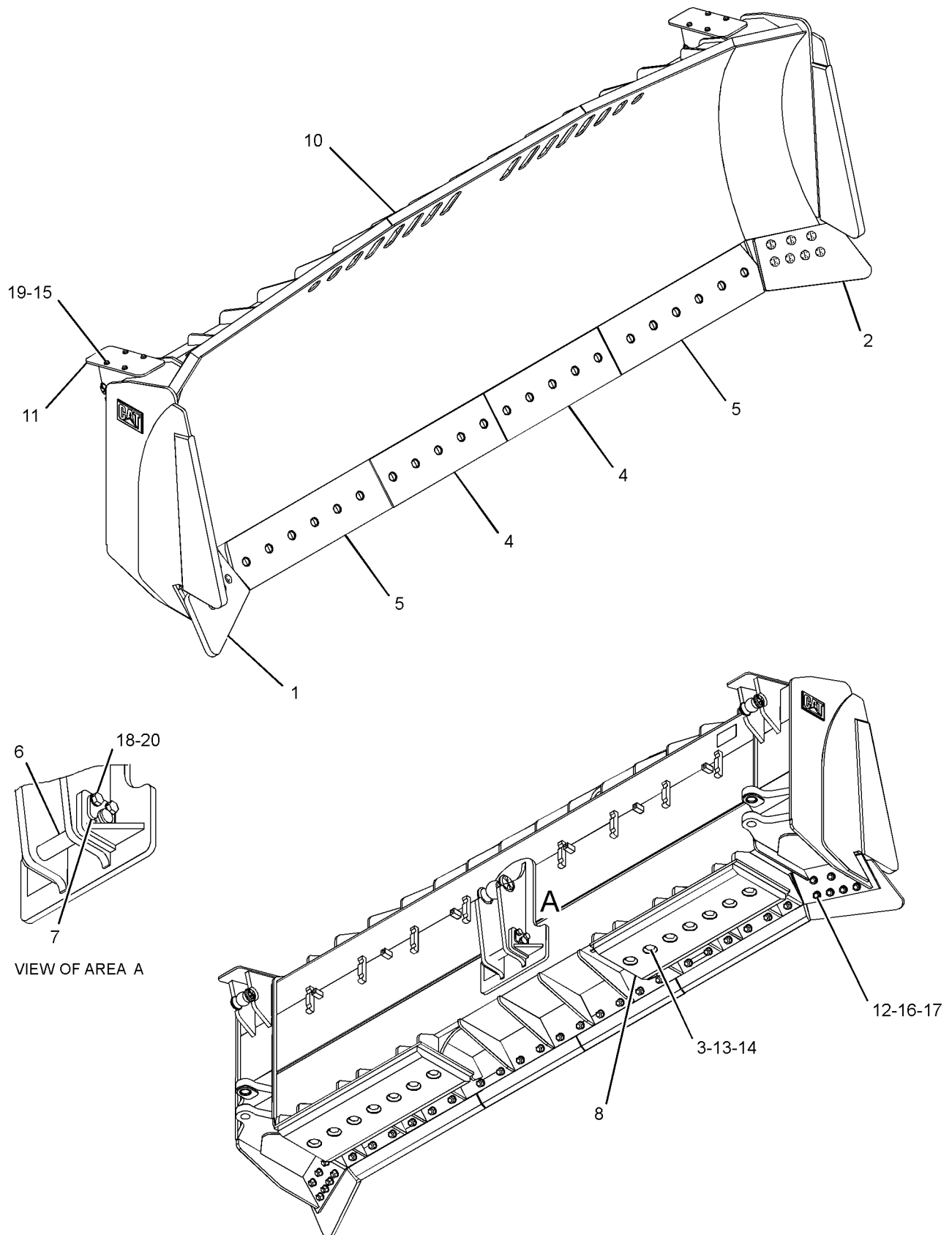
M-METRIC PART

Y-SEPARATE ILLUSTRATION

WORK TOOLS

265-5606 BLADE GP - SEMI-UNIVERSAL (contd.)

i02657201



GRAPHIC #1

<END>

g01366797

WORK TOOLS

113-8929 BLADE GP-STRAIGHT

S/N: ASX1-UP

PART OF 262-6865 BULLDOZER AR-STRAIGHT
AN ATTACHMENT

SMCS-6051

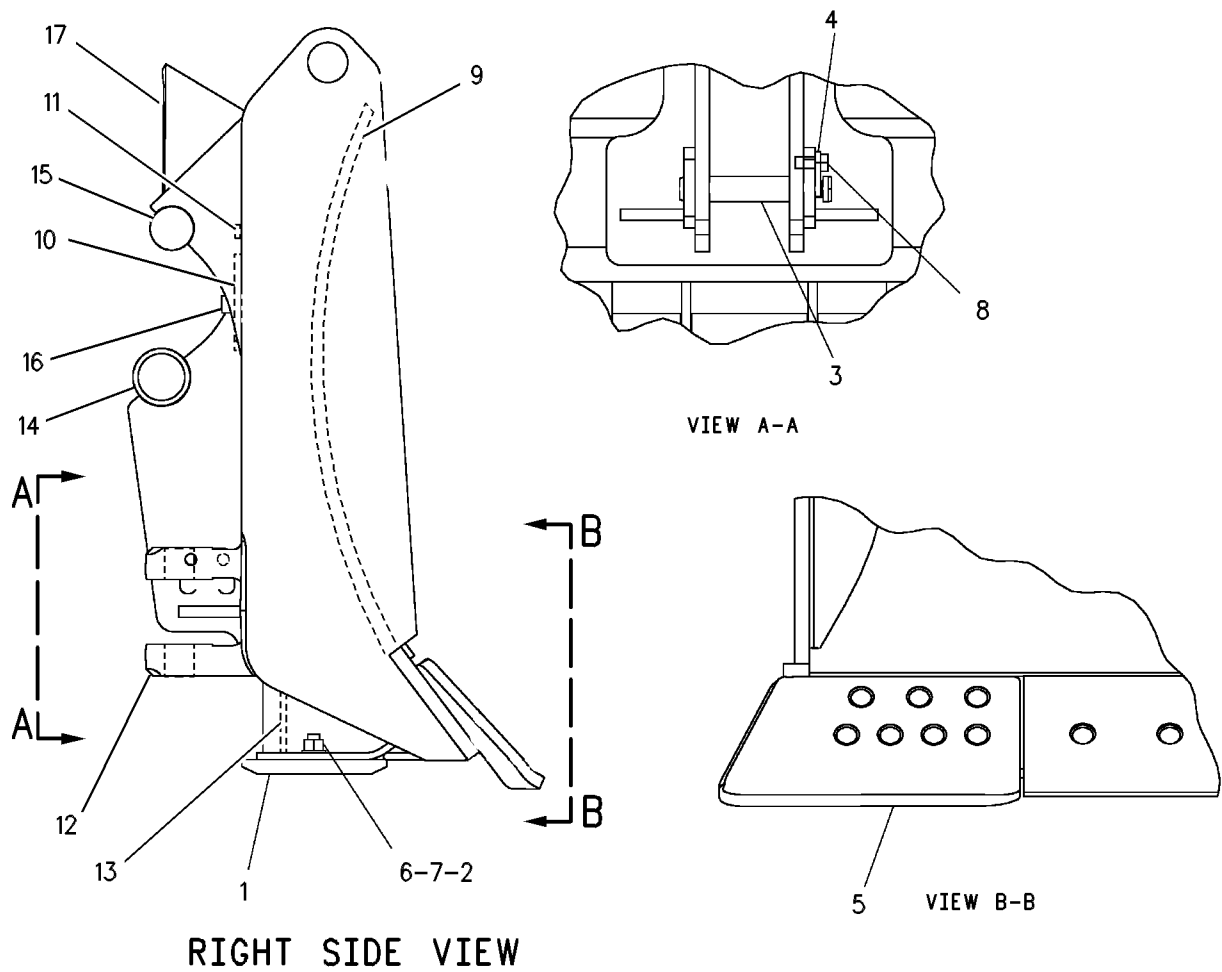
i01062153

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4T-8799	3	SOLE						
	2	1	6F-0196	15	BOLT-PLow (7/8-9X2.75-IN)						
	3	1	6J-6604	1	PIN						
	4	1	6J-8570	1	RETAINER						
Y	5	1	107-8565	1	EDGE GP-BIT & CUTTING						775
	6	1	2J-3505	15	NUT-FULL (7/8-9-THD)						
	7	1	5P-8249	15	WASHER-HARD (24X41.5X4-MM THK)						
M	8	1	8T-5460	2	BOLT (M20X2.5X40-MM)						
	9	1	113-8931	1	BLADE AS-STRAIGHT						
	10	1	8E-9439	8	BLOCK						
	11	1	8P-9770	1	PLATE-INFORMATION						
	12	1	1U-0738	4	BEARING-SLEEVE						
	13	1	8D-0572	6	PLATE						
	14	1	9J-0123	1	TRUNNION						
	15	1	5J-6180	2	TRUNNION						
	16	1	117-9694	6	BOSS						
	17	1	125-3536	1	GUARD						
M-METRIC PART											
Y-SEPARATE ILLUSTRATION											

WORK TOOLS

113-8929 BLADE GP-STRAIGHT (contd.)

i01062153



GRAPHIC #1

<END>

g00121563

WORK TOOLS

144-0924 BLADE GP-STRAIGHT

S/N: ASX1-UP

PART OF 262-6864 BULLDOZER AR-STRAIGHT
AN ATTACHMENT

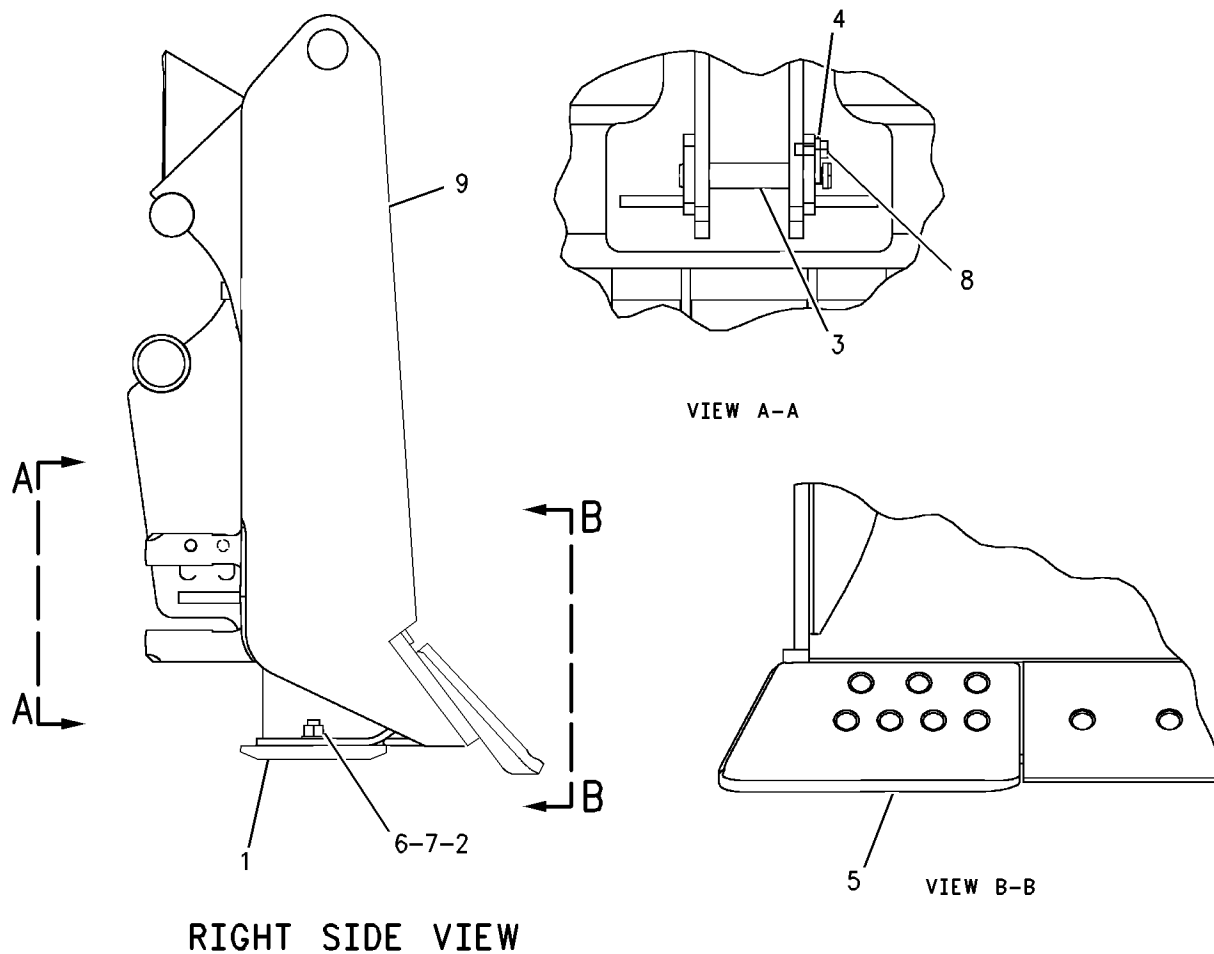
SMCS-6051

i01652733

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	4T-8799	3	SOLE	
	2	1	6F-0196	15	BOLT-PLOW (7/8-9X2.75-IN)	
	3	1	6J-6604	1	PIN	
	4	1	6J-8570	1	RETAINER	
Y	5	1	107-8565	1	EDGE GP-BIT & CUTTING	775
	6	1	2J-3505	15	NUT-FULL (7/8-9-THD)	
	7	1	5P-8249	15	WASHER-HARD (24X41.5X4-MM THK)	
M	8	1	8T-5460	2	BOLT (M20X2.5X40-MM)	
	9	1	144-0923	1	BLADE AS-STRAIGHT	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00853277

WORK TOOLS

239 - 1092 BLADE GP - UNIVERSAL-HEAVY-DUTY

S/N: ASX1-UP

PART OF 239-3528 BULLDOZER AR-UNIVERSAL
AN ATTACHMENT

SMCS-6053, 6060

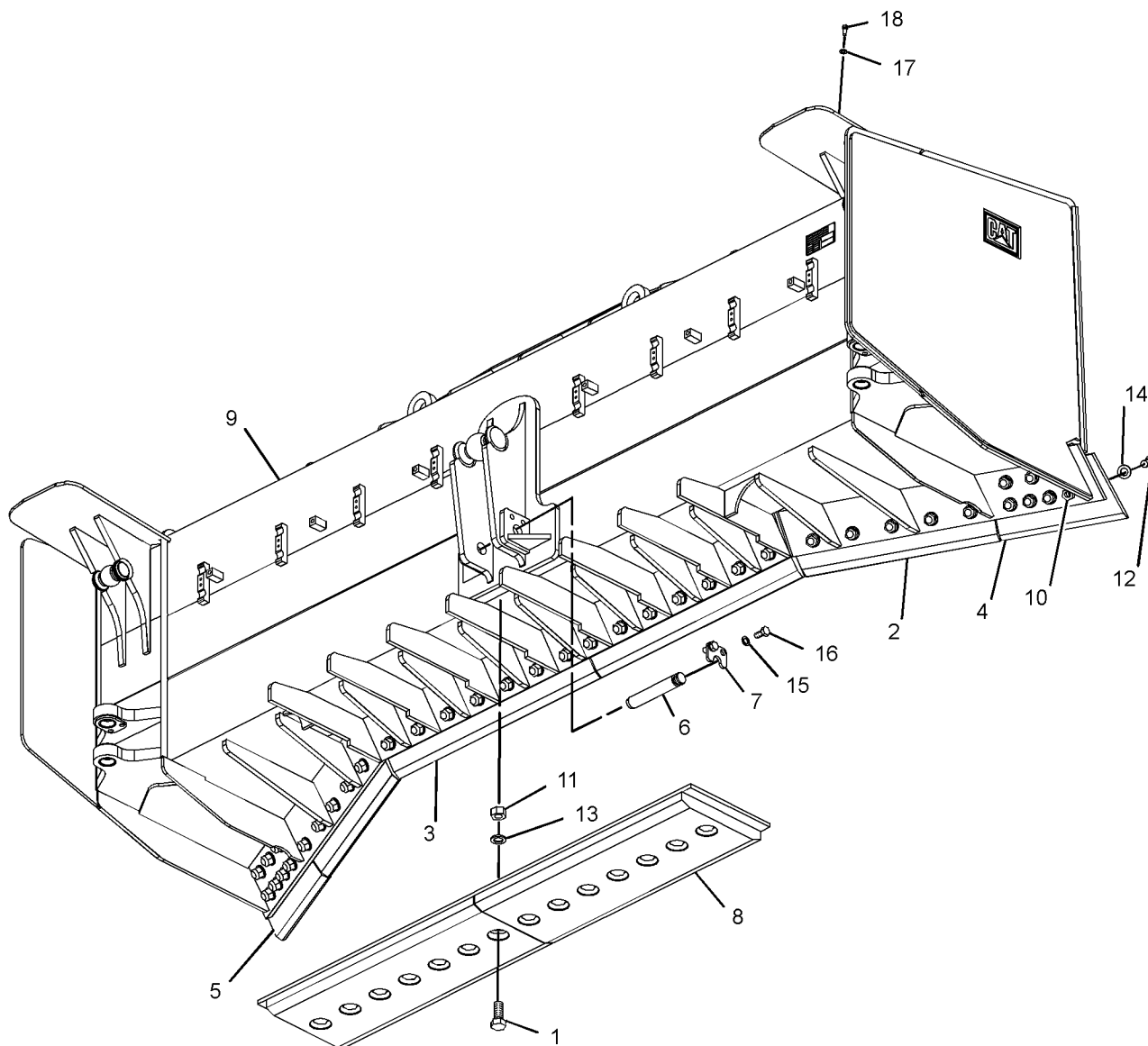
i02319262

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3R-2299	14	BOLT (1-1/4-7X3-IN)						
	2	1	4T-2986	2	EDGE-CUTTING						
	3	1	4T-2988	2	EDGE-CUTTING						
	4	1	4T-8089	1	BIT-END (RH)						
	5	1	4T-8090	1	BIT-END (LH)						
	6	1	6J-6604	1	PIN						
	7	1	6J-8570	1	RETAINER						
	8	1	135-9668	2	SOLE						
	9	1	241-9302	1	BLADE AS-UNIVERSAL (EXTENDED SERVICE)						
		1	117-9694	6	BOSS						
		1	129-5082	8	BLOCK						
		1	241-9336	2	BAR-WEAR						
		1	241-9339	1	MOLDBOARD (CENTER)						
		1	241-9343	1	PLATE (RH)						
		1	241-9345	1	PLATE (LH)						
		1	241-9347	1	PLATE-WEAR (RH)						
		1	241-9348	1	PLATE-WEAR (LH)						
	10	1	2J-3507	38	NUT-FULL (1-8-THD)						
	11	1	3K-9770	14	NUT-FULL (1-1/4-7-THD)						
	12	1	4J-9208	38	BOLT-PLOW (1-8X3.5-IN)						
	13	1	4K-0684	14	WASHER-HARD (34X55X6-MM THK)						
	14	1	5P-8250	38	WASHER (28X49X5-MM THK)						
	15	1	8T-4123	2	WASHER (22X35X3.5-MM THK)						
M	16	1	8T-5460	2	BOLT (M20X2.5X40-MM)						
	17	1	5P-8245	8	WASHER-HARD (13.5X25.5X3-MM THK)						
M	18	1	8T-4139	8	BOLT (M12X1.75X30-MM)						
M-METRIC PART											

WORK TOOLS

239-1092 **BLADE GP-UNIVERSAL** (contd.)

i02319262



GRAPHIC #1

<END>

g01177051

WORK TOOLS

258-5040 BLADE GP-UNIVERSAL

S/N: ASX1-UP

PART OF 263-6868 BULLDOZER AR-UNIVERSAL

FOR USE WITH 239-3528-PAGE 752

AN ATTACHMENT

SMCS-6053, 6060

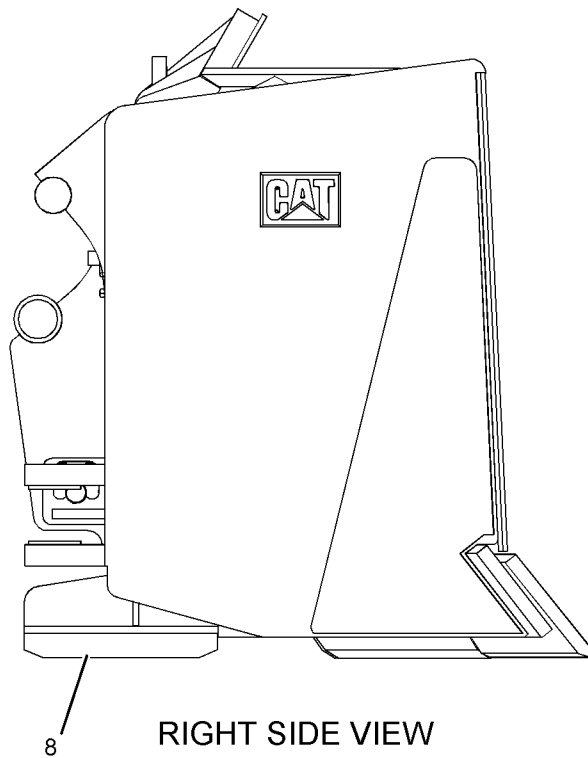
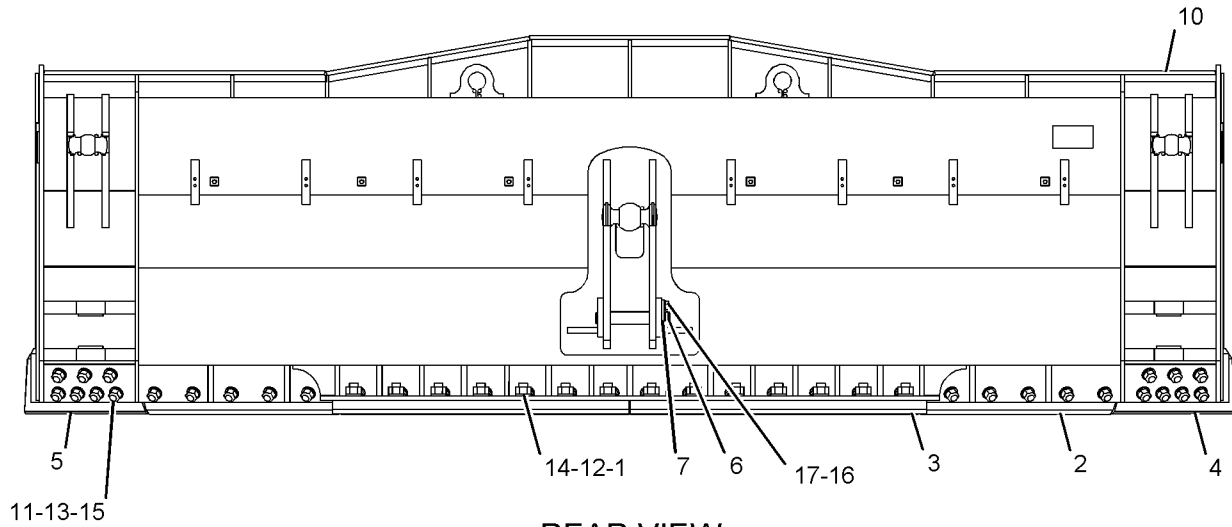
i02217608

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3R-2299	14	BOLT (1-1/4-7X3-IN)						
	2	1	4T-2986	2	EDGE-CUTTING						
	3	1	4T-2988	2	EDGE-CUTTING						
	4	1	4T-8089	1	BIT-END (RH)						
	5	1	4T-8090	1	BIT-END (LH)						
	6	1	6J-6604	1	PIN						
	7	1	6J-8570	1	RETAINER						
	8	1	135-9668	2	SOLE						
	10	1	258-5041	1	BLADE AS-UNIVERSAL						
		1	5J-6180	2	TRUNNION						
		1	9J-0123	1	TRUNNION						
		1	117-9694	6	BOSS						
		1	129-5082	8	BLOCK						
	11	1	2J-3507	38	NUT-FULL (1-8-THD)						
	12	1	3K-9770	14	NUT-FULL (1-1/4-7-THD)						
	13	1	4J-9208	38	BOLT-PLOW (1-8X3.5-IN)						
	14	1	4K-0684	14	WASHER-HARD (34X55X6-MM THK)						
	15	1	5P-8250	38	WASHER (28X49X5-MM THK)						
	16	1	8T-4123	2	WASHER (22X35X3.5-MM THK)						
M	17	1	8T-5460	2	BOLT (M20X2.5X40-MM)						
M-METRIC PART											

WORK TOOLS

258-5040 BLADE GP - UNIVERSAL (contd.)

i02217608



GRAPHIC #1

<END>

g01122072

WORK TOOLS

107-8565 EDGE GP-BIT & CUTTING

S/N: ASX1-UP

PART OF 113-8929, 144-0924 BLADE GP-STRAIGHT
AN ATTACHMENT

SMCS-6801

i00815259

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	3G-8294	1	BIT-END-LH						
	3G-8293	1	BIT-END-RH						
	6F-0196	36	BOLT-PLOW (7/8-9X2.75IN)						
	4T-3420	2	EDGE-CUTTING						
	122-9227	2	EDGE-CUTTING						
	2J-3505	36	NUT-FULL (7/8-9 THD)						
<END>									

WORK TOOLS

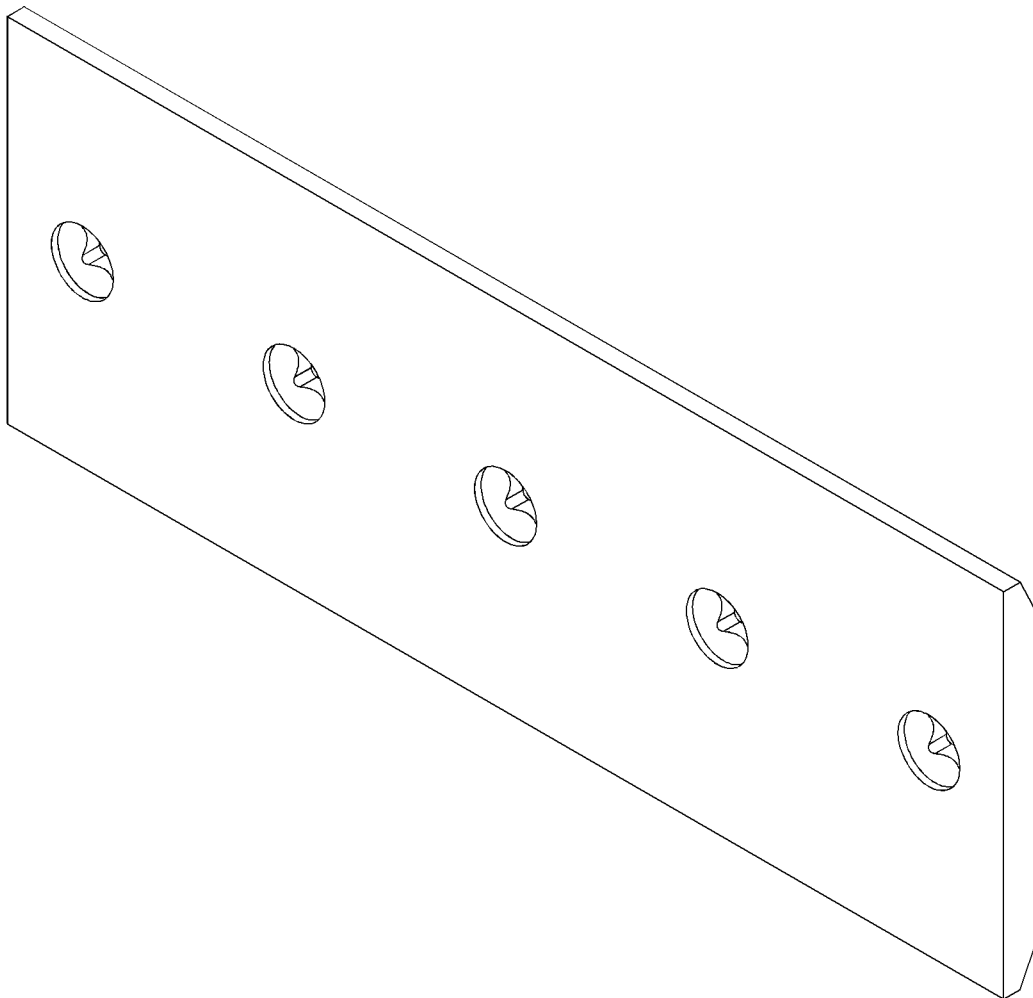
253-0195 EDGE-CUTTING

S/N: ASX1-UP
25-MM THKX717.4-MM LG
FIELD INSTALLATION

SMCS-6801

i02241412

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>

g01130010

WORK TOOLS

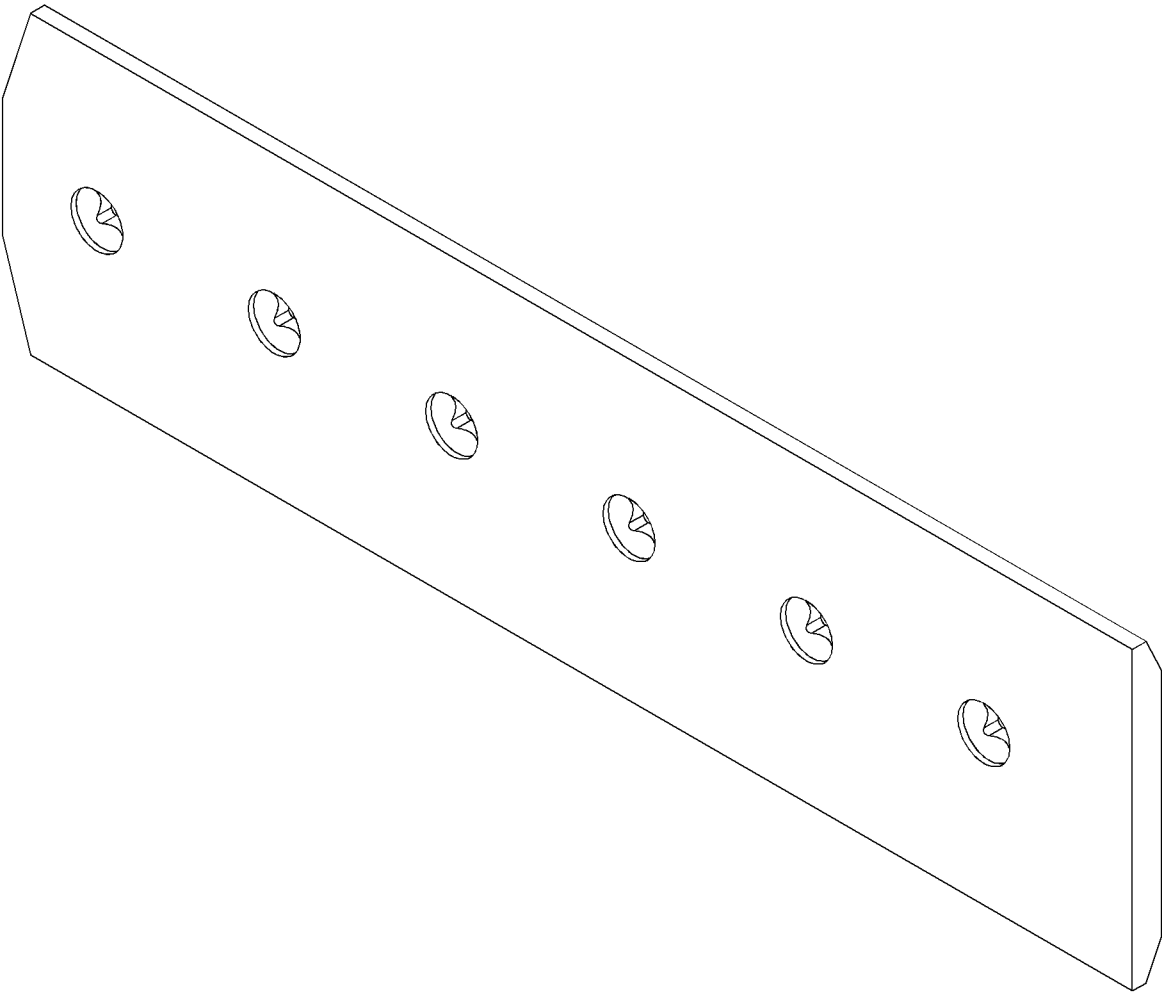
253-0196 EDGE-CUTTING

S/N: ASX1-UP
25-MM THKX970.5-MM LG
FIELD INSTALLATION

SMCS-6801

i02241420

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>

g01130043

WORK TOOLS

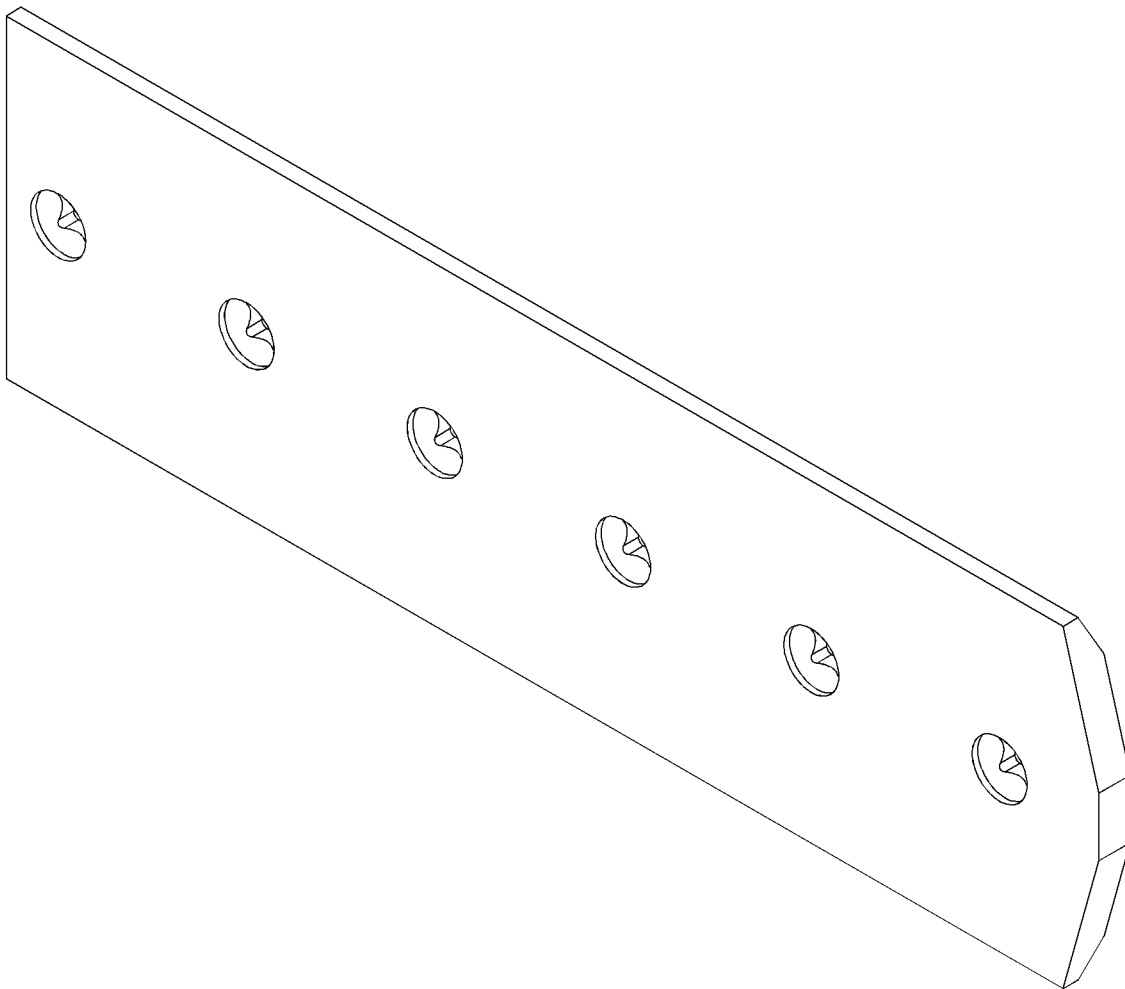
253-0197 EDGE-CUTTING

S/N: ASX1-UP
25-MM THKX884.4-MM LG
FIELD INSTALLATION

SMCS-6801

i02241425

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>

g01130047

WORK TOOLS

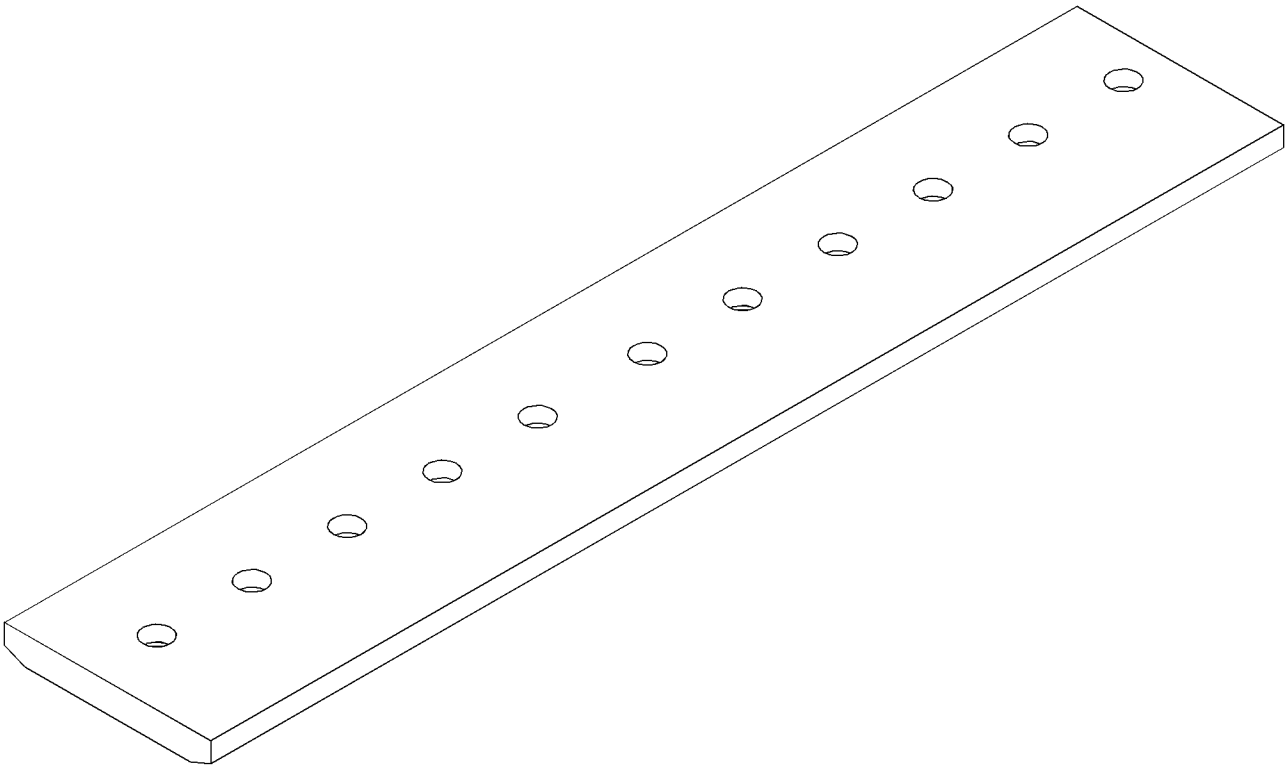
275-5949 EDGE-CUTTING

S/N: ASX1-UP
44-MM THK X 1716.6-MM LG
FIELD INSTALLATION

SMCS-6801

i02747268

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>

g01377014

WORK TOOLS

275-5950 EDGE-CUTTING

S/N: ASX1-UP

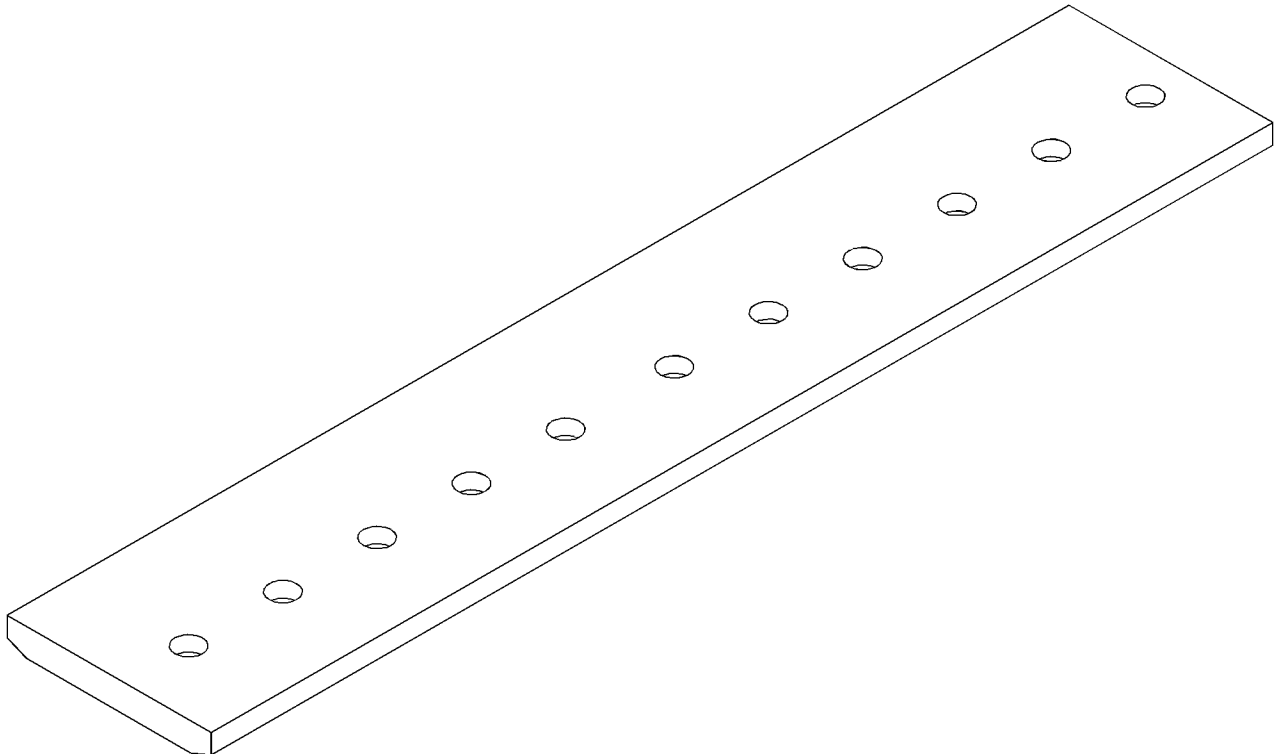
45-MM THK X 1716.6-MM LG

FIELD INSTALLATION

SMCS-6801

i02747266

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>

g01377007

OPERATOR STATION

173-1028 ADJUSTER GP-SEAT

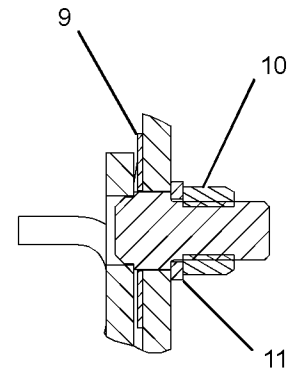
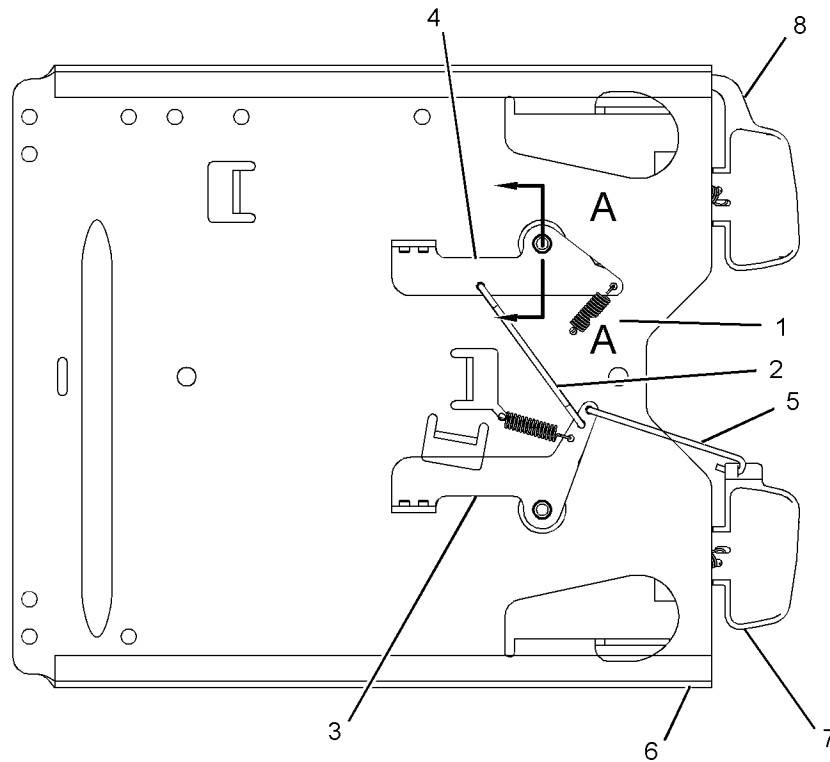
S/N: ASX1-UP

PART OF 178-0603 SEAT GP

SMCS-7321

i02387199

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4V-8256	4	SPRING						
	2	1	117-4492	1	ROD						
	3	1	136-1544	1	LATCH AS-LH						
	4	1	156-5545	1	LATCH AS-RH						
	5	1	164-4531	1	ROD						
	6	1	170-1112	1	PLATE AS						
	7	1	170-1114	1	HANDLE (SLIDE ADJUSTMENT)						
	8	1	170-1115	1	HANDLE (TILT ADJUSTMENT)						
	9	1	132-0338	2	WASHER-PLASTIC (13X31.7X0.8-MM THK)						
	10	1	2K-4973	2	LOCKNUT (3/8-16 THD)						
	11	1	7X-0608	2	WASHER-HARD (10.2X16X2-MM THK)						



SECTION A-A

BOTTOM VIEW

<END>

GRAPHIC #1

g01191495

OPERATOR STATION

214-0783 AIR COMPRESSOR GP-SEAT-HEAVY-DUTY

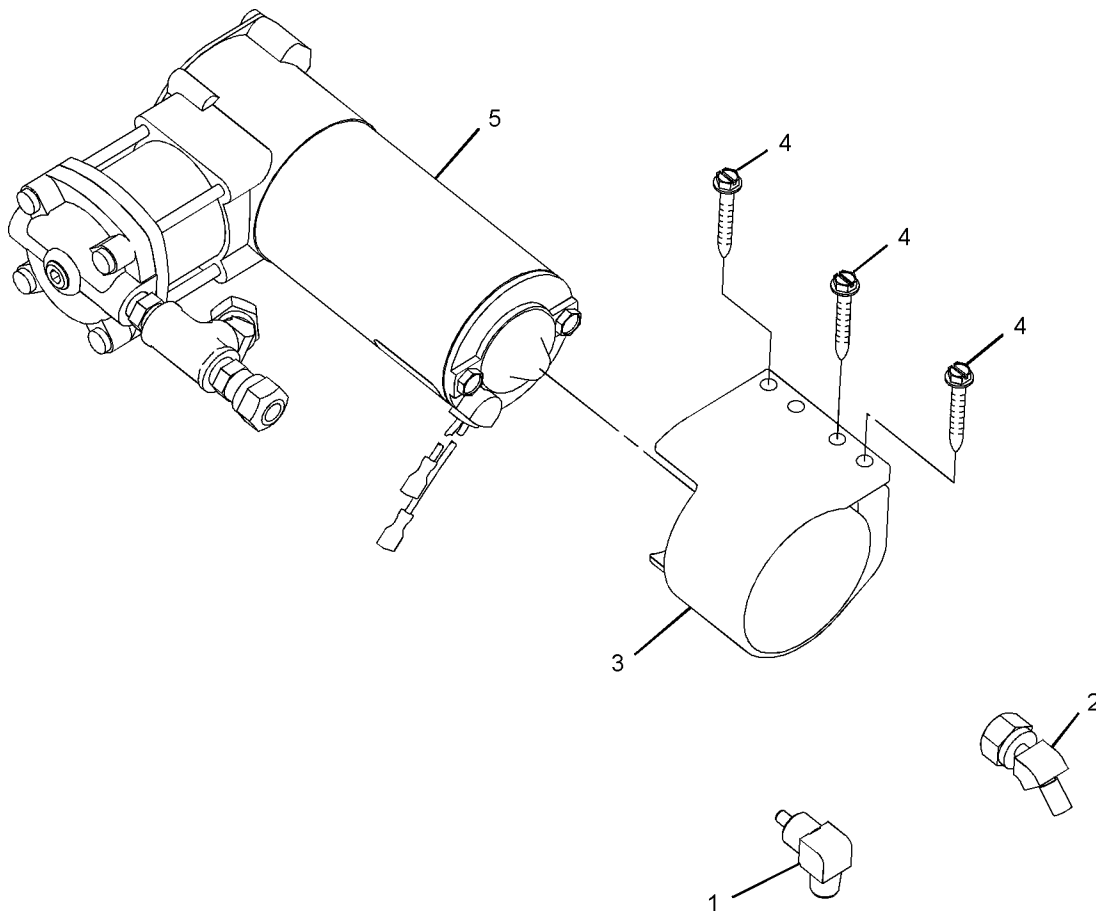
S/N: ASX1-UP

OPTIONAL FIELD REPLACEMENT FOR 237-3970 STANDARD DUTY COMPRESSOR

SMCS-731S, 7324

i02638502

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-4423	1	ELBOW						
	2	1	5P-4432	1	ELBOW-AIR BRAKE						
	3	1	175-5058	1	MOUNT						
	4	1	186-5107	3	SCREW (NO 8X1.25-IN)						
	5	1	214-0784	1	COMPRESSOR AS						



GRAPHIC #1

<END>

g01040572

OPERATOR STATION

237-3970 AIR COMPRESSOR GP-SEAT

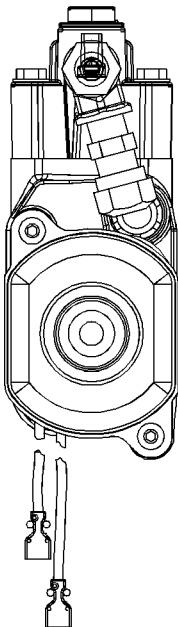
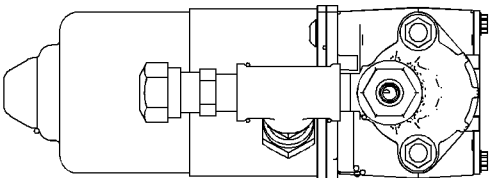
S/N: ASX1-UP

FOR OPTIONAL FIELD REPLACEMENT ORDER 214-0783 COMPRESSOR, 211-5358
CONDUIT(100-CM) & 5P-6010 TUBE (1-M), PROVIDES HEAVY DUTY SEAT COMPRESSOR
PART OF 191-2933 SUSPENSION GP-SEAT

SMCS-731S, 7324

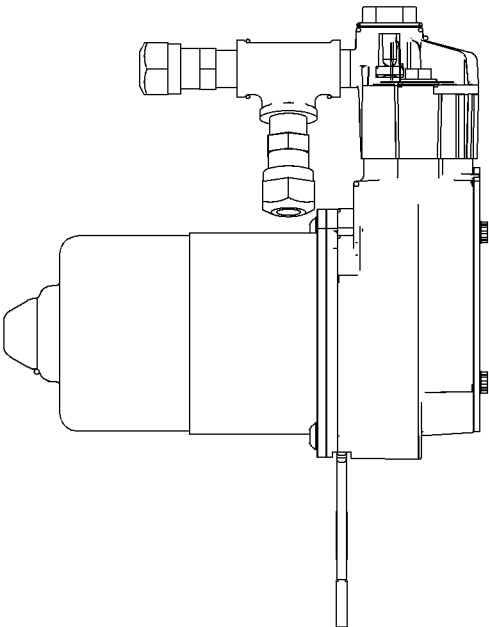
i02012095

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



GRAPHIC #1

<END>



g01040576

OPERATOR STATION

115-0627 AIR CONDITIONER GP

S/N: ASX1-UP

PART OF 215-9501 AIR CONDITIONER GP

SMCS-7320

i02758486

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	2V-3216	1	CLIP	
	2	1	3B-4501	2	LOCKWASHER (#8)	
	3	1	3E-0400	2	BLOWER AS	
	4	1	3E-5464	1	SWITCH AS-TEMPERATURE (REFRIGERANT)	
	5	1	174-1494	1	MOTOR AS-BLOWER (24-VOLT, A/C, HEATER)	
		1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2-PIN)	
		1	9W-0852	2	PIN-CONNECTOR (14-GA)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
	6	1	3S-2093	4	STRAP-CABLE	
CM	7	1	5C-9553	19	BOLT (M6X1X16-MM)	
C	8	1	9X-2488	2	CLAMP-HOSE	
	9	1	5P-4115	5	WASHER-HARD (7.2X19X2-MM THK)	
	10	1	6V-1668	2	WASHER (6.5X29.1X3-MM THK)	
	11	1	6V-7646	1	WASHER-HARD (7.2X25X2-MM THK)	
	12	1	8C-3756	1	FILM-IDENTIFICATION (GROUP NUMBER)	
	13	1	8C-4586	2	CLAMP	
M	14	1	6V-7728	1	BOLT (M6X1X45-MM)	
	15	1	8P-5141	2	PLATE-ORIFICE	
M	16	1	8T-0337	3	SCREW-MACHINE (M4X0.7X12-MM)	
	17	1	8T-4205	30	WASHER-HARD (7.2X14.5X2-MM THK)	
	18	1	8T-6631	2	SCREW-MACHINE (8-32X0.5-IN)	
	19	1	9G-1950	1	RESISTOR	
C	20	1	9M-8406	2	CLIP	
	21	1	9X-2185	4	SCREW (8-15X11.11-MM)	
M	22	1	9X-8498	1	BOLT (M6X1X180-MM)	
	23	1	068-8993	1	GROMMET	
	24	1	113-8113	1	ROD	
	25	1	126-5606	1	COIL AS-EVAPORATOR	
	26	1	126-5607	1	COIL AS-HEATER	
	27	1	126-5608	1	HOUSING AS	
	28	1	126-5609	1	PLATE AS	
	29	1	211-9047	1	VALVE AS-WATER	
	30	1	220-1828	1	MOTOR-ACTUATOR	
	31	1	126-5612	1	HARNESS AS-HEATER & AIR COND	
		1	8T-8737	4	PLUG-SEAL	
		1	102-8801	1	KIT-RECEPTACLE (12-PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)	
		1	155-2270	2	KIT-CONNECTING PLUG (2-PIN)	
					(TO BLOWER MOTOR & WATER VALVE MOTOR)	
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)	
					(EACH KIT INCLUDES PLUG AS & WEDGE)	
	32	1	126-6006	1	DOOR AS	
	33	1	126-6009	1	COVER	
	34	1	126-6010	1	CONTROL AS	
	35	1	127-6422	1	PLATE AS	
	36	1	127-6423	1	PLATE	
M	37	1	129-3178	12	LOCKNUT (M6X1-THD)	
	38	1	130-1888	1	GASKET	
	39	1	130-1890	6	GASKET	
	40	1	131-0820	1	GASKET	
	41	1	131-0821	1	GASKET	
	42	1	131-0822	1	GASKET	
	43	1	131-3093	1	BUSHING	
E	44	1	126-8472	2	SEAL (38.1CM EACH)	

OPERATOR STATION

115-0627 AIR CONDITIONER GP (contd.)

i02758486

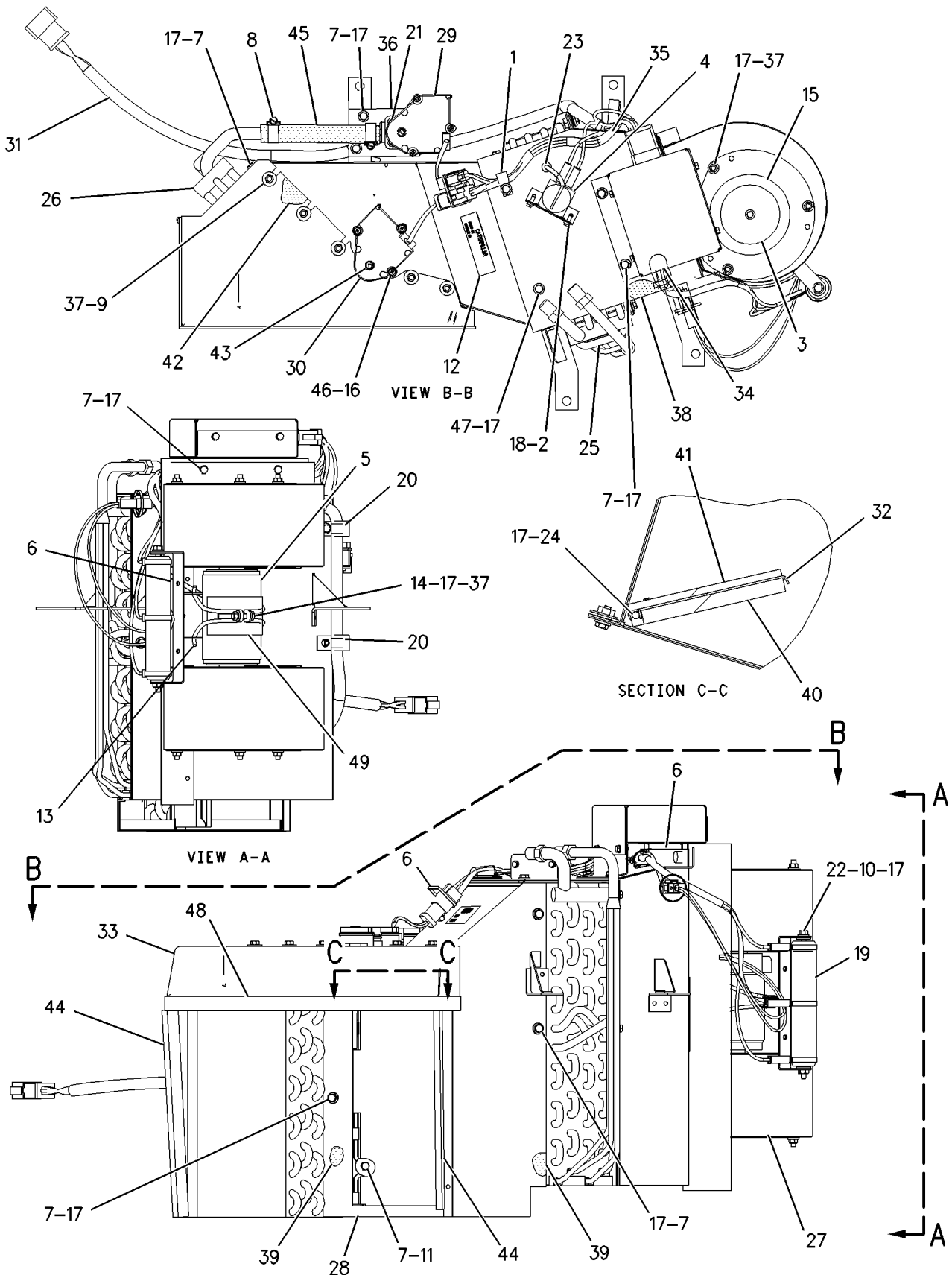
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
BCE	45	1	136-1953		HOSE	
	46	1	4F-2320	3	WASHER	
CM	47	1	8T-4138	2	BOLT (M6X1X20-MM)	
BD	48	1	6V-2496		SEAL	
BD	49	1	5P-5908		SEAL	

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

OPERATOR STATION

115-0627 AIR CONDITIONER GP (contd.)

i02758486



GRAPHIC #1

<END>

g00736341

OPERATOR STATION

215-9501 AIR CONDITIONER GP

S/N: ASX1-UP

PART OF 229-5015, 292-6101 CAB AR

SMCS-7320

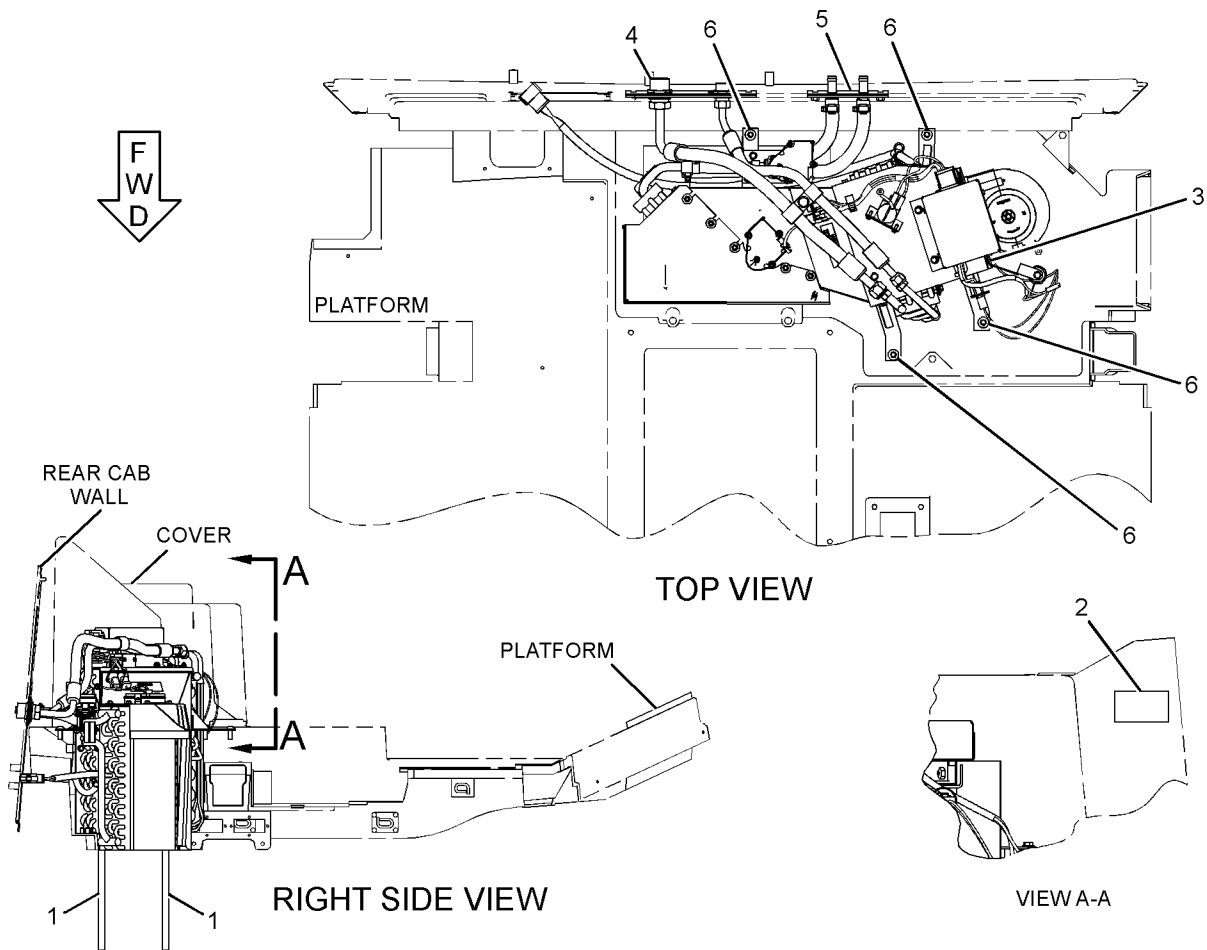
i02480399

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3T-2511	2	TUBE						
	2	1	110-6393	1	PLATE-INSTRUCTION (AIR CONDITIONER)						
Y	3	1	115-0627	1	AIR CONDITIONER GP						784
Y	4	1	131-1274	1	LINES GP-AIR CONDITIONER						822
CY	5	1	229-0066	1	LINES GP-CAB HEATER						831
M	6	1	9X-2040	4	SCREW-TRUSS HEAD (M10X1.5X25-MM)						

C- CHANGE FROM PREVIOUS TYPE

M- METRIC PART

Y- SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01254287

OPERATOR STATION

214-7634 ARM GP-WINDOW WIPER-REAR

S/N: ASX1-UP

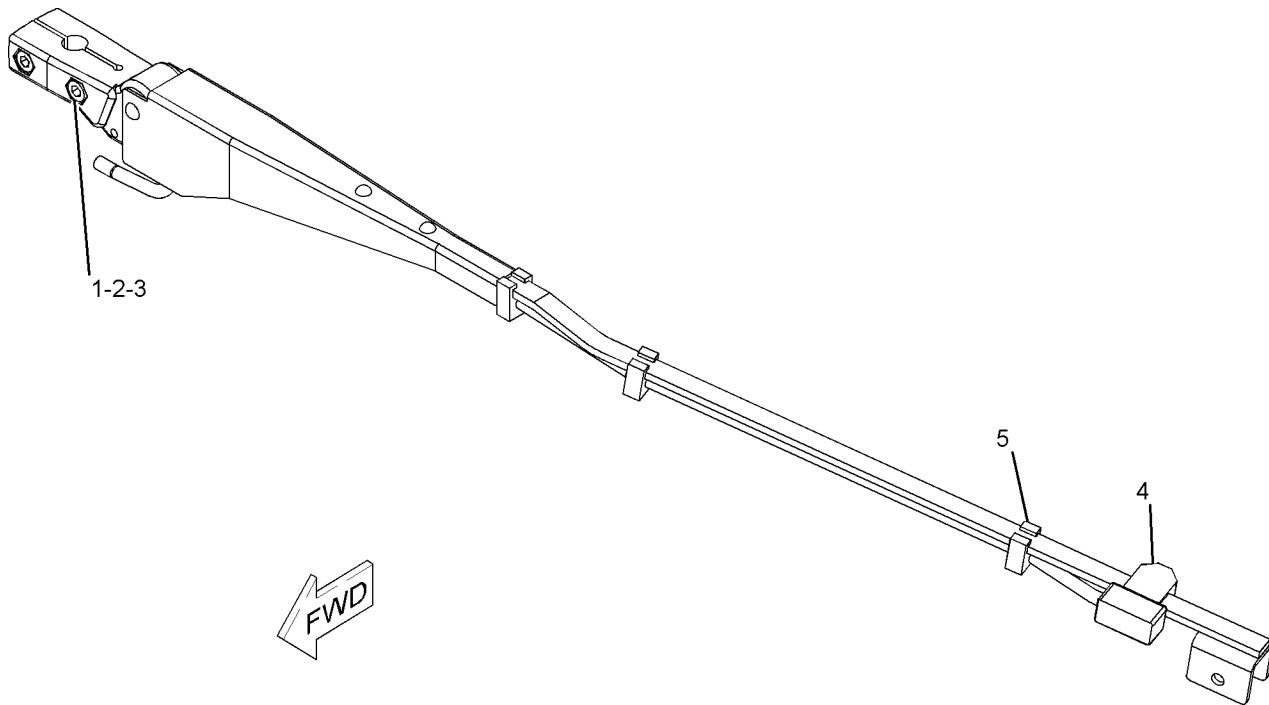
PART OF 109-8196 WIPER GP-WINDOW

SMCS-7305

i02023663

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	191-8921	2	BOLT-SOCKET HEAD (M6X1X25-MM)						
	2	1	227-7392	2	WASHER (6.3X10.3X0.4-MM THK)						
M	3	1	6V-8225	2	NUT (M6X1-THD)						
	4	1	136-3195	1	NOZZLE AS-WASHER						
	5	1	136-3188	3	CLIP						
M-METRIC PART											

M-METRIC PART



GRAPHIC #1

<END>

g01024688

OPERATOR STATION

214-7635 ARM GP-WINDOW WIPER-FRONT

S/N: ASX1-UP

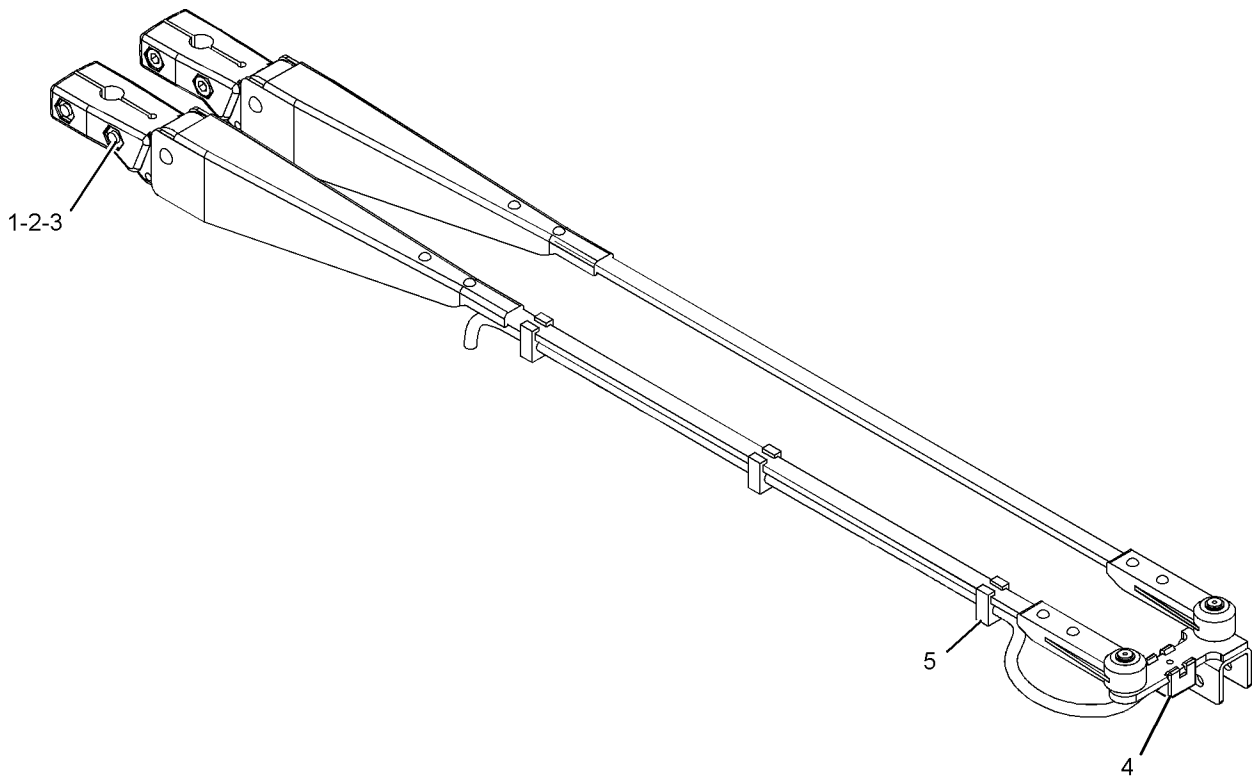
PART OF 109-8196 WIPER GP-WINDOW

SMCS-7305

i02023666

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	191-8921	4	BOLT-SOCKET HEAD (M6X1X25-MM)						
	2	1	227-7392	4	WASHER (6.3X10.3X0.4-MM THK)						
M	3	1	6V-8225	4	NUT (M6X1-THD)						
	4	1	136-3190	1	NOZZLE AS-WASHER						
	5	1	136-3188	3	CLIP						
M-METRIC PART											

M-METRIC PART



GRAPHIC #1

<END>

g01021918

OPERATOR STATION

178-7906 ARMREST GP-LH

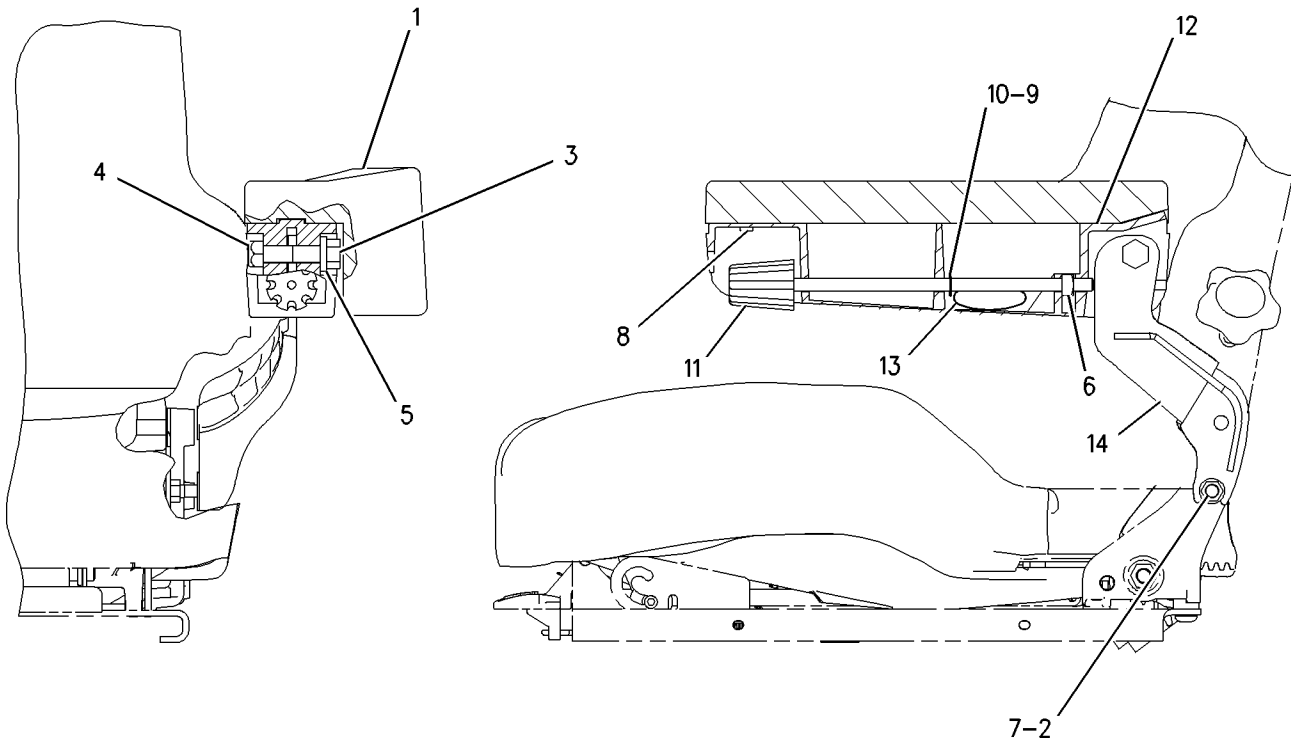
S/N: ASX1-UP

PART OF 187-0821 SEAT GP

SMCS-7307, 7312

i01564884

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	122-6041	1	CUSHION AS						
	2	1	143-1288	1	LOCKNUT-FLANGE (3/8-16 THD)						
	3	1	9X-8873	1	BOLT (1/2-13X2.25-IN)						
	4	1	1K-6872	1	LOCKNUT (1/2-13-THD)						
	5	1	2M-0849	1	WASHER-HARD (13.5X25.5X5-MM THK)						
	6	1	3E-4312	1	NUT-SQUARE (3/8-16 THD)						
	7	1	4L-6454	1	BOLT (3/8-16X1-IN)						
	8	1	6V-2687	4	SCREW-PAN HEAD (10-24X1-IN)						
	9	1	8S-7803	1	RING-RETAINING						
	10	1	8T-8641	1	WASHER (M9.8X16X0.8-MM THK)						
	11	1	8Y-5910	1	KNOB AS						
	12	1	8Y-5913	1	BASE-ARMREST						
	13	1	8Y-5914	1	SPRING						
	14	1	163-1149	1	BRACKET AS						



GRAPHIC #1

<END>

g00813156

OPERATOR STATION

229-5015 CAB AR

S/N: ASX1-299

PART OF 229-5009 OPERATOR AR

SMCS-7301

i01990199

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	215-9501	1	AIR CONDITIONER GP						787
Y	234-9748	1	CONTROL GP-ELECTROHYDRAULIC (JOYSTICK, 3-FUNCTION)						796
Y	169-8257	1	CONTROL GP-FOOT BRAKE						592
Y	109-8193	1	CONTROL GP-PARKING BRAKE						594
Y	112-9704	1	CONTROL GP-STEERING						799
Y	173-9600	1	DUCT & FILTER GP-AIR						809
Y	228-9628	1	INSTALLATION GP-RADIO						814
Y	234-9746	1	LIGHTING GP-FLOOD (2-LAMP, CAB FRONT)						247
Y	234-9743	1	LINER GP-CAB						819
Y	234-9744	1	PANEL GP-INSTRUMENT (LOWER)						853
Y	234-9747	1	PANEL GP-INSTRUMENT (UPPER)						855
Y	141-4645	1	PEDAL GP-GOVERNOR						862
Y	187-3684	1	ROPS GP-ENCLOSED						871
Y	117-1410	1	SEALING GP-GLASS						881
Y	215-4447	1	SEAT GP-SUSPENSION						888
Y	234-9745	1	SUPPORT GP-HYDRAULIC CONTROL						890
Y	185-6571	1	SUPPRESSION GP-CAB SOUND						893
Y	109-8196	1	WIPER GP-WINDOW						906
Y	235-1051	1	WIRING GP-CAB						309

Y-SEPARATE ILLUSTRATION

<END>

292-6101 CAB AR

S/N: ASX300-UP

PART OF 292-6070 OPERATOR AR

SMCS-7301

i02682930

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	215-9501	1	AIR CONDITIONER GP						787
Y	234-9748	1	CONTROL GP-ELECTROHYDRAULIC (JOYSTICK, 3-FUNCTION)						796
Y	169-8257	1	CONTROL GP-FOOT BRAKE						592
Y	109-8193	1	CONTROL GP-PARKING BRAKE						594
Y	112-9704	1	CONTROL GP-STEERING						799
Y	173-9600	1	DUCT & FILTER GP-CAB AIR						809
Y	228-9628	1	INSTALLATION GP-RADIO						814
Y	234-9746	1	LIGHTING GP-FLOOD (CAB FRONT)						247
Y	234-9743	1	LINER GP-CAB						819
Y	234-9744	1	PANEL GP-INSTRUMENT (LOWER)						853
Y	234-9747	1	PANEL GP-INSTRUMENT (UPPER)						855
Y	141-4645	1	PEDAL GP-GOVERNOR						862
Y	187-3684	1	ROPS GP-ENCLOSED						871
Y	117-1410	1	SEALING GP-GLASS						881
Y	215-4447	1	SEAT GP-SUSPENSION						888
Y	234-9745	1	SUPPORT GP-HYDRAULIC CONTROL						890
Y	185-6571	1	SUPPRESSION GP-CAB SOUND						893
Y	109-8196	1	WIPER GP-WINDOW						906
Y	235-1051	1	WIRING GP-CAB						309

Y-SEPARATE ILLUSTRATION

<END>

OPERATOR STATION

218-0324 COMPRESSOR GP-REFRIGERANT

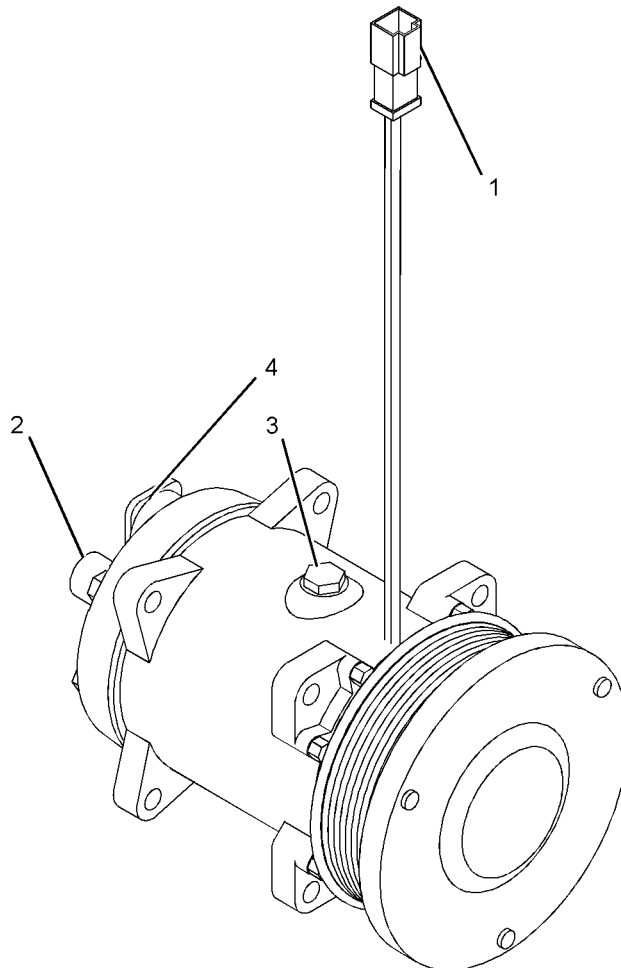
S/N: ASX1-UP

PART OF 262-4948 COMPRESSOR GP-REFRIGERANT

SMCS-1802

i02706217

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	114-3469	1	VALVE GP-RELIEF (REFRIGERANT COMPRESSOR)	
		1	9X-7378	1	SEAL-O-RING	
	3	1	7T-4532	1	PLUG AS	
	4	1	9X-7385	2	SEAL-O-RING	



GRAPHIC #1

<END>

g01073367

OPERATOR STATION

262-4948 COMPRESSOR GP-REFRIGERANT

S/N: ASX1-UP

PART OF 226-9641 INSTALLATION AR-ENGINE

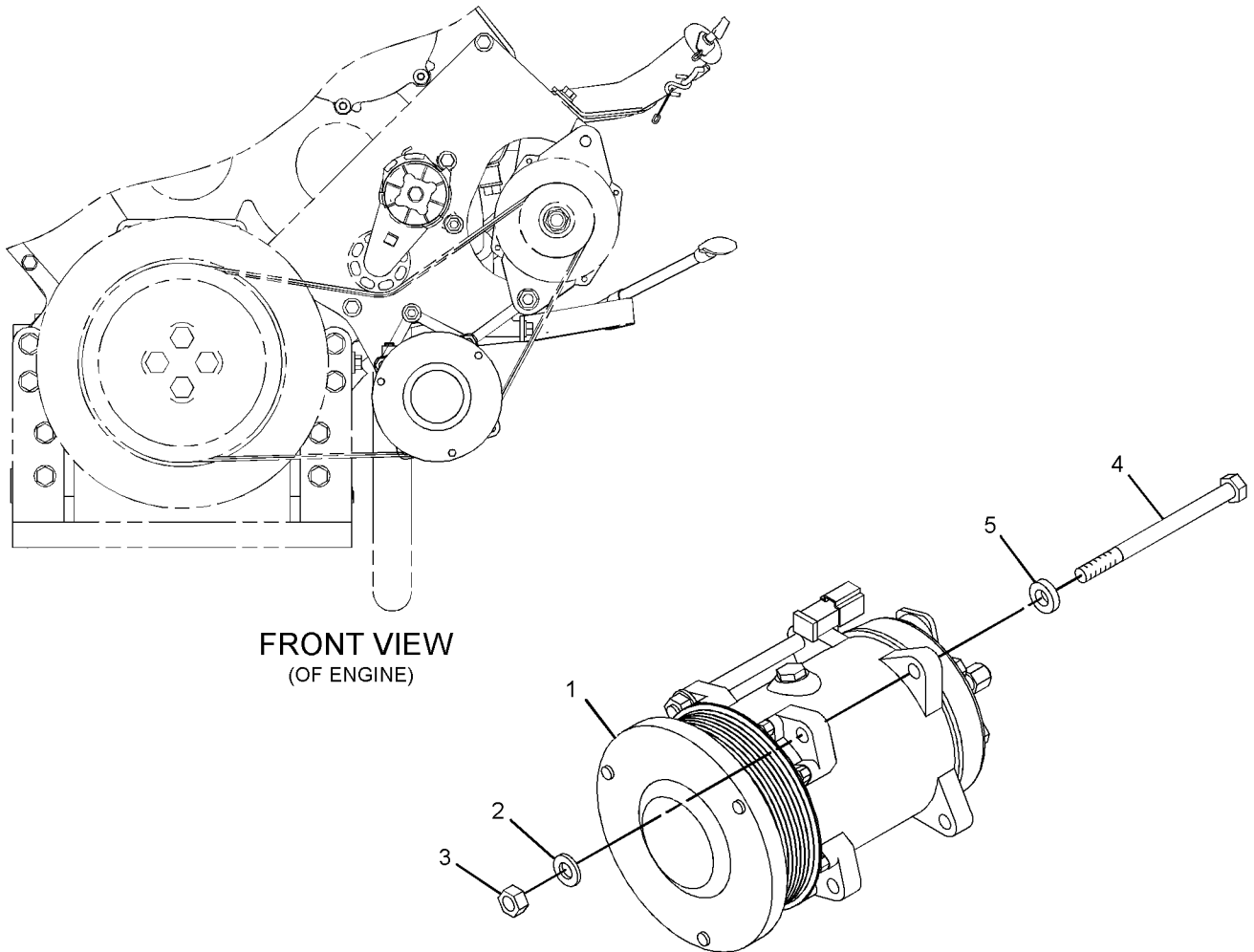
SMCS-1802

i02216500

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	218-0324	1	COMPRESSOR GP-REFRIGERANT	792
	2	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)	
M	3	1	8T-4133	2	NUT (M10X1.5-THD)	
M	4	1	8T-5436	2	BOLT (M10X1.5X130-MM)	
	5	1	8T-7934	2	WASHER-HARD (11X21X5-MM THK)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01118745

OPERATOR STATION

228 - 7504 CONDENSER & MTG GP - REFRIGERANT

S/N: ASX1-UP

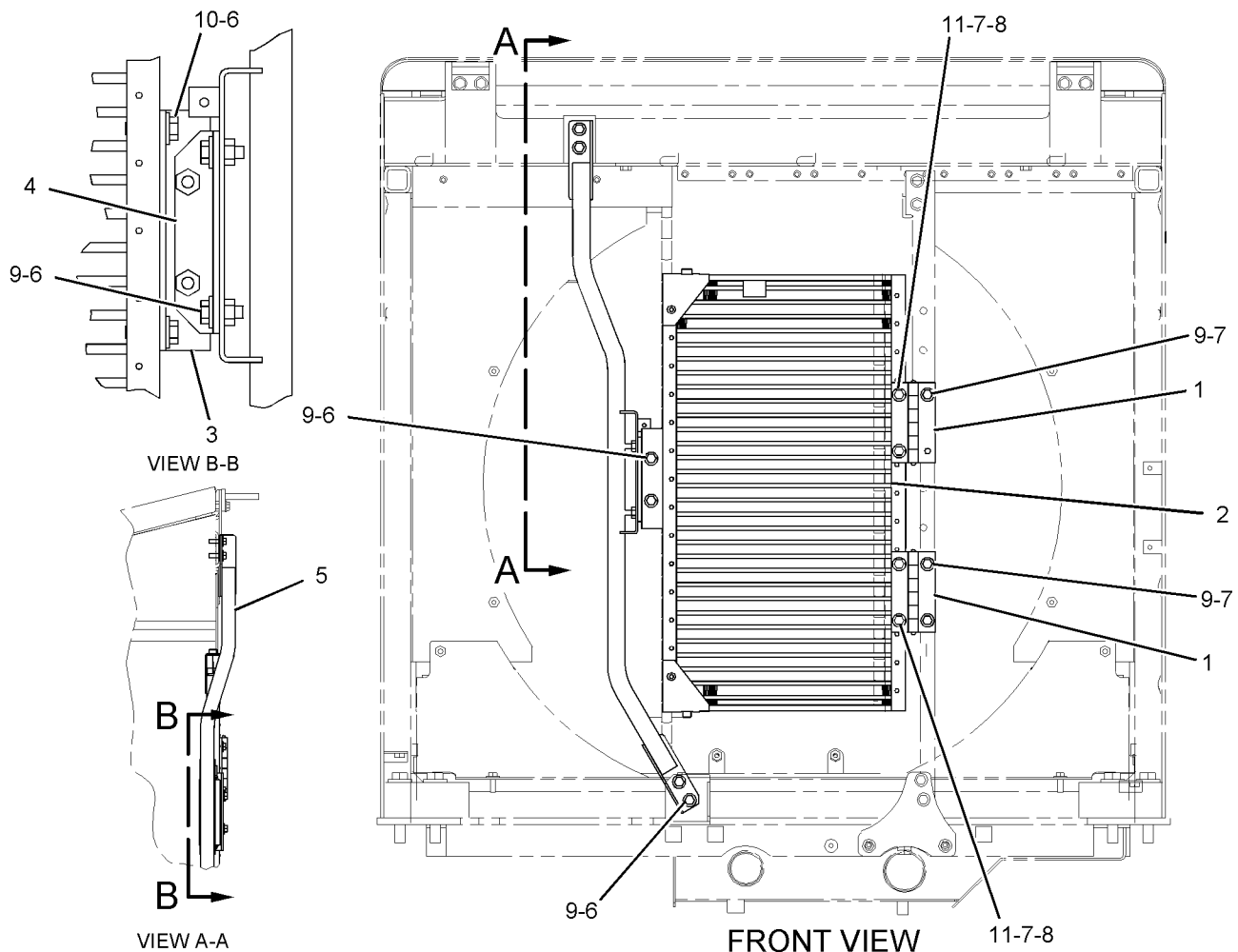
PART OF 226-9594, 300-6281 CHASSIS AR

SMCS-1805

i02207590

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	192-4343	2	HINGE AS						
	2	1	197-6775	1	CORE AS-CONDENSER						
	3	1	215-2428	1	BRACKET						
	4	1	215-2429	1	BRACKET AS						
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)						
	5	1	228-7505	1	TUBE AS						
	6	1	7X-7729	10	WASHER (11X25X3-MM THK)						
	7	1	8T-4121	7	WASHER-HARD (11X21X2.5-MM THK)						
M	8	1	8T-4133	4	NUT (M10X1.5-THD)						
M	9	1	8T-4136	11	BOLT (M10X1.5X25-MM)						
M	10	1	8T-4137	2	BOLT (M10X1.5X20-MM)						
M	11	1	8T-4185	4	BOLT (M10X1.5X50-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01031898

OPERATOR STATION

241-4278 CONTROL & MTG GP-JOYSTICK-3-FUNCTION

S/N: ASX1-UP

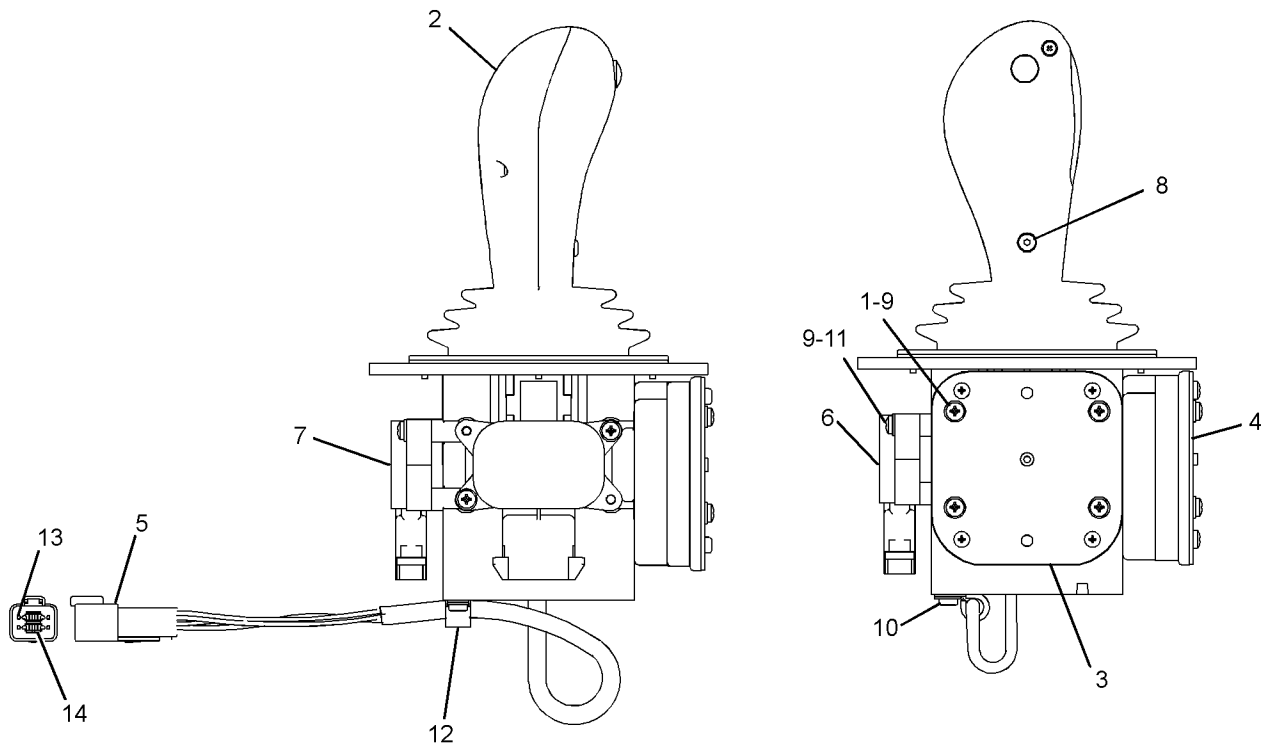
PART OF 234-9748 CONTROL GP-ELECTROHYDRAULIC

SMCS-5063, 5705

i02459191

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	193-4476	8	SCREW-PAN HEAD (M4X0.7X35-MM)						
	2	1	213-5117	1	CONTROL GP-HANDLE						
	3	1	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	216-3002	1	DETENT GP-CONTROL (JOYSTICK, TILT OR TIP)						
		1	033-9139	1	RING-RETAINING						
	4	1	107-1964	4	SCREW-PAN HEAD (6-19X0.5-IN)						
		1	268-8737	1	DETENT GP-CONTROL (JOYSTICK, LIFT/TILT)						
		1	107-1964	4	SCREW-PAN HEAD (6-19X0.5-IN)						
		1	033-9139	1	RING-RETAINING						
	5	1	151-9274	1	KIT-RECEPTACLE (4-PIN)						
	(INCLUDES RECEPTACLE AS AND WEDGE)										
	6	1	257-2531	1	SENSOR GP-POSITION (LIFT)						
	7	1	257-2532	1	SENSOR GP-POSITION (TILT, TIP)						
	M	8	1	150-1293	2	SCREW-BUTTON HEAD (M4X0.7X12-MM)					
9		1	151-4977	12	WASHER (4.445X9.525X1.092-MM THK)						
10		1	175-3265	1	SCREW (8-16X0.63-IN)						
M	11	1	192-4658	4	SCREW-PAN HEAD (M4X0.7X20-MM)						
	12	1	2K-4898	1	CLAMP-TUBE						
	13	1	8T-8737	1	PLUG-SEAL						
	14	1	3E-3377	1	WEDGE-RECEPTACLE LOCK (4-PIN)						

M-METRIC PART



GRAPHIC #1

<END>

g01183430

OPERATOR STATION

234-9748 CONTROL GP-ELECTROHYDRAULIC- JOYSTICK, 3-FUNCTION

S/N: ASX1-UP

PART OF 229-5015, 292-6101 CAB AR

SMCS-5702

i02434838

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2-PIN)						
	2	1	4E-2229	1	DAMPER AS-ALARM						
	3	1	123-9694	1	HORN						
	4	1	170-1821	1	SWITCH AS-PUSH BUTTON (HORN)						
		1	6F-0253	1	LOCKWASHER						
		1	8T-8729	2	PIN-CONNECTOR						
		1	172-3511	1	NUT (5/8-24-THD)						
5	1	1	188-3983	1	SWITCH AS-PUSH BUTTON (THROTTLE LOCK RESUME)						
		1	3K-0835	1	NUT (5/8-24-THD)						
		1	6F-0253	1	LOCKWASHER						
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		1	155-2276	1	WEDGE-PLUG LOCK (3-PIN)						
		1	186-3736	3	SOCKET-CONNECTOR (16-GA TO 18-GA)						
6	1	1	188-3984	1	SWITCH AS-PUSH BUTTON (THROTTLE LOCK SET)						
		1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3-PIN)						
		1	3K-0835	1	NUT (5/8-24-THD)						
		1	6F-0253	1	LOCKWASHER						
		1	102-8803	1	KIT-RECEPTACLE (3-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		1	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)						
7	1	1	214-4780	1	CUSHION AS						
8	1	1	215-6366	1	FILM-CONTROLS						
Y	9	1	241-4278	1	CONTROL & MTG GP-JOYSTICK (3-FUNCTION)						795
	10	1	242-7055	1	COVER						
	11	1	242-7056	1	COVER AS						
M		1	6V-9632	8	NUT-WELD (M6X1-THD)						
	12	1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
M	13	1	5C-2890	4	NUT (M6X1-THD)						
	14	1	8T-4205	4	WASHER-HARD (7.2X14.5X2-MM THK)						
M	15	1	8T-4970	4	BOLT (M6X1X14-MM)						
M	16	1	9X-2044	8	SCREW-TRUSS HEAD (M6X1X16-MM)						
D	17	1	6V-3987	1	SEAL (0.1-M)						

D-ORDER BY THE METER

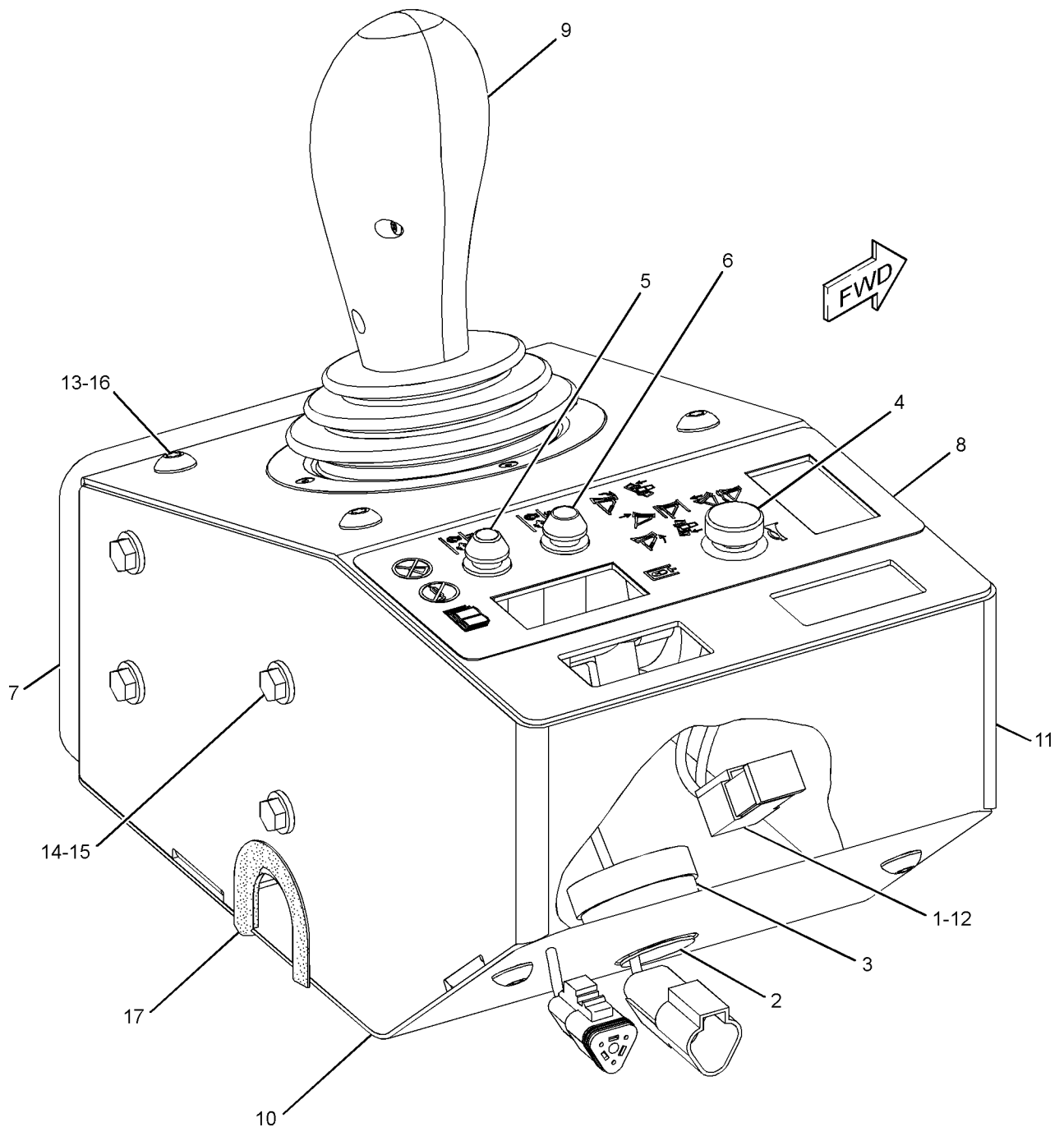
M-METRIC PART

Y-SEPARATE ILLUSTRATION

OPERATOR STATION

234-9748 CONTROL GP - ELECTROHYDRAULIC (contd.)

i02434838



GRAPHIC #1

<END>

g01231026

OPERATOR STATION

103-5526 CONTROL GP-MONITOR-DIMMER

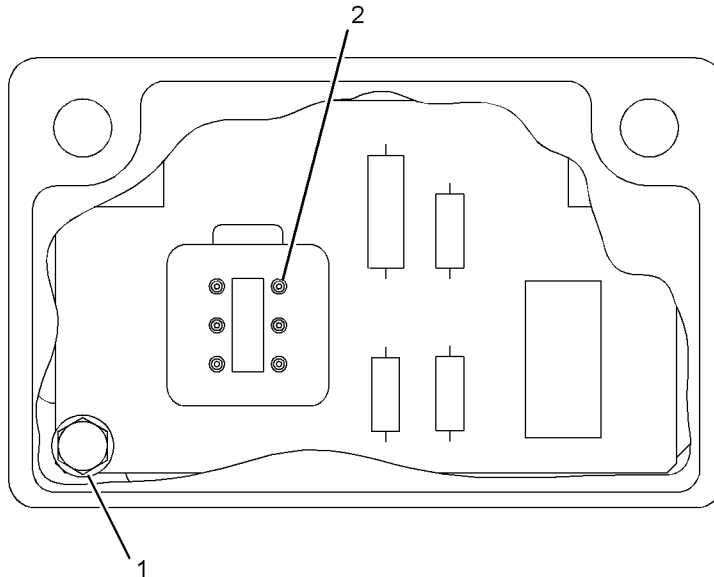
S/N: ASX1-UP

PART OF 235-1051 WIRING GP-CAB

SMCS-7490, 7494, 7601

i02271420

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	5P-9132	2	SCREW-HEX FLANGE (6-32X0.187-IN)	
	2	1	186-3735	6	PIN-CONNECTOR (16-GA TO 18-GA)	
AVAILABLE REPAIR KIT(S) :						
			102-8805	1	KIT-RECEPTACLE (6-PIN)	
(INCLUDES RECEPTACLE AS & WEDGE)						



GRAPHIC #1

<END>

g01126720

OPERATOR STATION

112-9704 CONTROL GP-STEERING

S/N: ASX1-203

PART OF 229-5015 CAB AR

SMCS-4304, 4309, 4310, 4338

i02554467

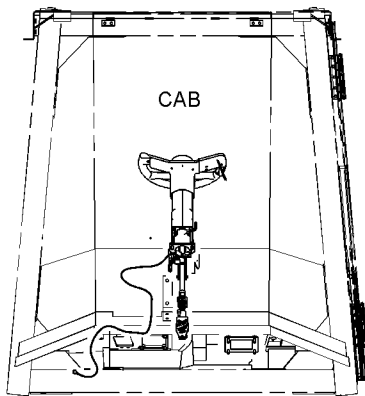
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1A-2812	1	WASHER-VALVE PUSH (0.06-MM THK)						
	2	1	1B-8705	1	KEY-WOODRUFF						
	3	1	2S-2160	1	RING-RETAINING						
	4	1	2V-7859	1	BEARING						
	5	1	6P-0593	2	BEARING-ROLLER						
M	6	1	105-3477	1	BOLT-SOCKET HEAD (M10X1.5X45-MM)						
	7	1	112-2014	1	CLAMP						
Y	8	1	112-9713	1	STEERING COLUMN GP						646
	9	1	112-9716	1	LEVER						
	10	1	114-5309	1	COVER AS (RH)						
	11	1	114-5312	1	COVER AS (LH)						
	12	1	115-2014	1	SHAFT						
M	13	1	116-9596	2	SETSCREW (M10X1.5X55-MM)						
	14	1	117-6056	1	HOUSING AS						
	15	1	118-8078	2	CLIP						
	16	1	123-6713	1	WEDGE						
Y	17	1	123-7406	1	STEERING WHEEL GP						648
	18	1	124-0065	1	BLOCK						
M	19	1	6V-5683	4	BOLT (M6X1X16-MM)						
	20	1	7H-7055	1	CLIP						
M	21	1	7X-2619	3	BOLT (M6X1X10-MM)						
M	22	1	8T-1159	4	BOLT-SOCKET HEAD (M10X1.5X25-MM)						
	23	1	8T-4121	9	WASHER-HARD (11X21X2.5-MM THK)						
M	24	1	8T-4185	2	BOLT (M10X1.5X50-MM)						
M	25	1	8T-4191	1	BOLT (M10X1.5X16-MM)						
M	26	1	8T-4195	5	BOLT (M10X1.5X30-MM)						
	27	1	8T-4205	3	WASHER-HARD (7.2X14.5X2-MM THK)						
	28	1	155-6526	1	SLEEVE						
M	29	1	8T-4136	4	BOLT (M10X1.5X25-MM)						
	30	1	141-4936	1	PAD						
	31	1	160-6624	1	PLATE						
	32	1	275-8964	1	WIRE AS						
	33	1	275-8965	1	WIRE AS						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

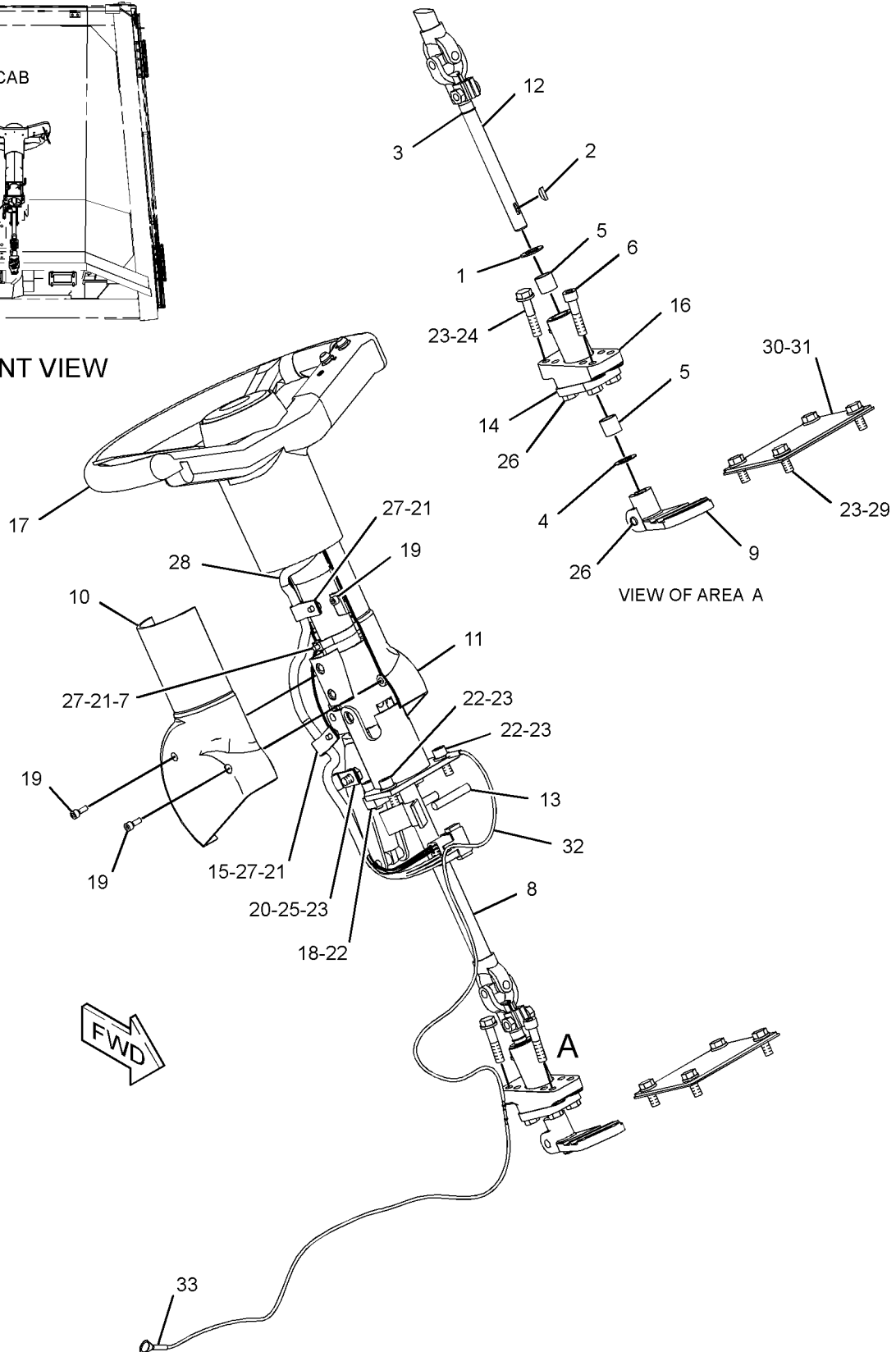
OPERATOR STATION

112-9704 CONTROL GP-STEERING (contd.)

i02554467



FRONT VIEW



GRAPHIC #1

<END>

g01278719

OPERATOR STATION

112-9704 CONTROL GP-STEERING

S/N: ASX204-UP

PART OF 229-5015, 292-6101 CAB AR

SMCS-4304, 4309, 4310, 4338

i02554432

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
M	1	1	105-3477	1	BOLT-SOCKET HEAD (M10X1.5X45-MM)	
	2	1	112-2014	1	CLAMP	
	3	1	112-9716	1	LEVER	
	4	1	114-5309	1	COVER AS (RH)	
	5	1	114-5312	1	COVER AS (LH)	
	6	1	118-8078	2	CLIP	
	7	1	123-6713	1	WEDGE	
Y	8	1	123-7406	1	STEERING WHEEL GP	648
	9	1	124-0065	1	BLOCK	
	10	1	141-4936	1	PAD	
	11	1	155-6526	1	SLEEVE	
	12	1	160-6624	1	PLATE	
CY	13	1	224-9920	1	CONTROL GP-STEERING	803
	14	1	275-8964	1	WIRE AS	
	15	1	275-8965	1	WIRE AS	
M	16	1	116-9596	2	SETSCREW (M10X1.5X55-MM)	
	17	1	1B-8705	1	KEY-WOODRUFF	
M	18	1	6V-5683	4	BOLT (M6X1X16-MM)	
	19	1	7H-7055	1	CLIP	
M	20	1	7X-2619	3	BOLT (M6X1X10-MM)	
M	21	1	8T-1159	4	BOLT-SOCKET HEAD (M10X1.5X25-MM)	
	22	1	8T-4121	9	WASHER-HARD (11X21X2.5-MM THK)	
M	23	1	8T-4136	4	BOLT (M10X1.5X25-MM)	
M	24	1	8T-4185	2	BOLT (M10X1.5X50-MM)	
M	25	1	8T-4191	1	BOLT (M10X1.5X16-MM)	
M	26	1	8T-4195	5	BOLT (M10X1.5X30-MM)	
	27	1	8T-4205	3	WASHER-HARD (7.2X14.5X2-MM THK)	

C- CHANGE FROM PREVIOUS TYPE

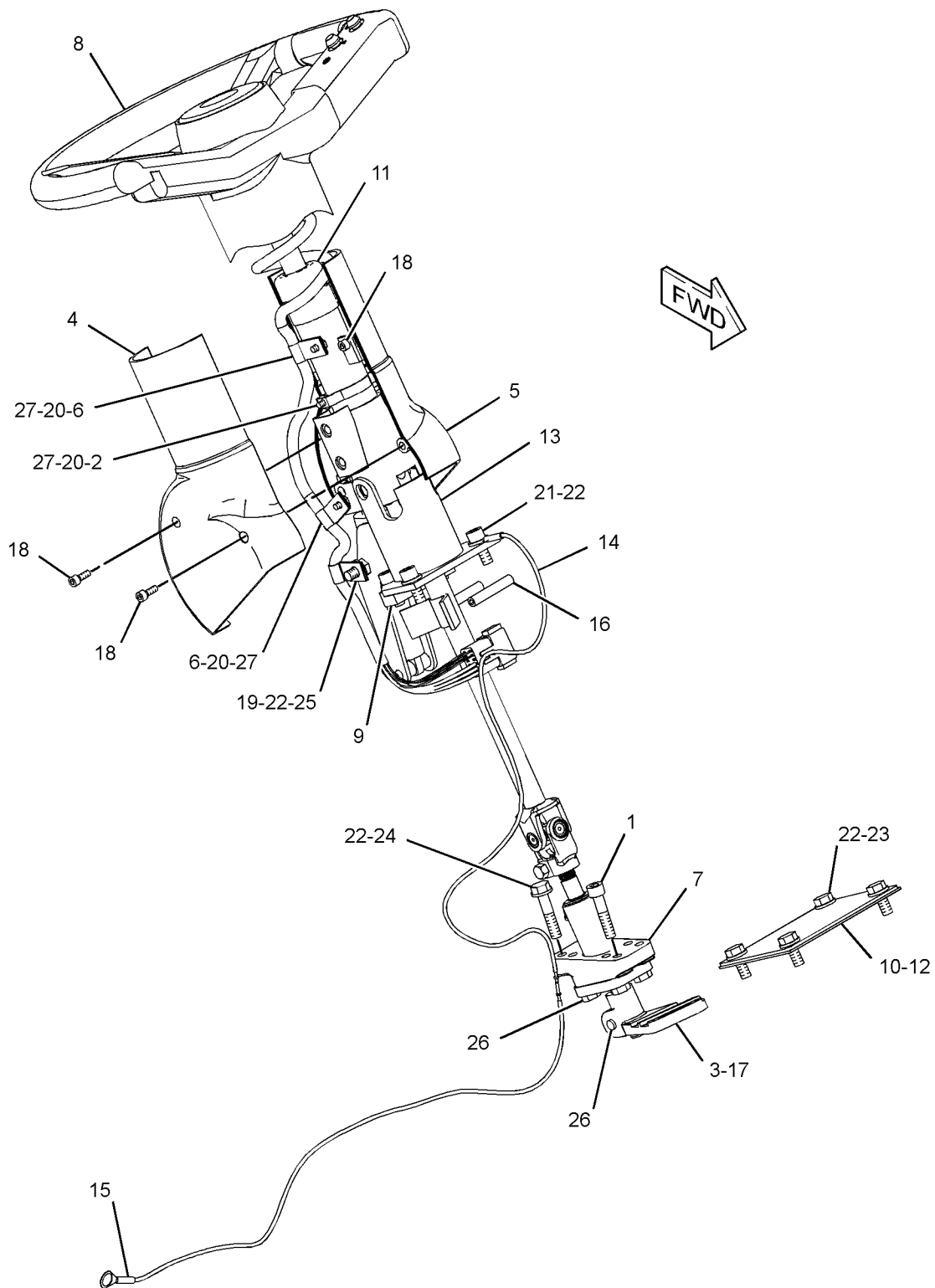
M- METRIC PART

Y- SEPARATE ILLUSTRATION

OPERATOR STATION

112-9704 CONTROL GP -STEERING (contd.)

i02554432



GRAPHIC #1

<END>

g01278870

OPERATOR STATION

224-9920 CONTROL GP-STEERING

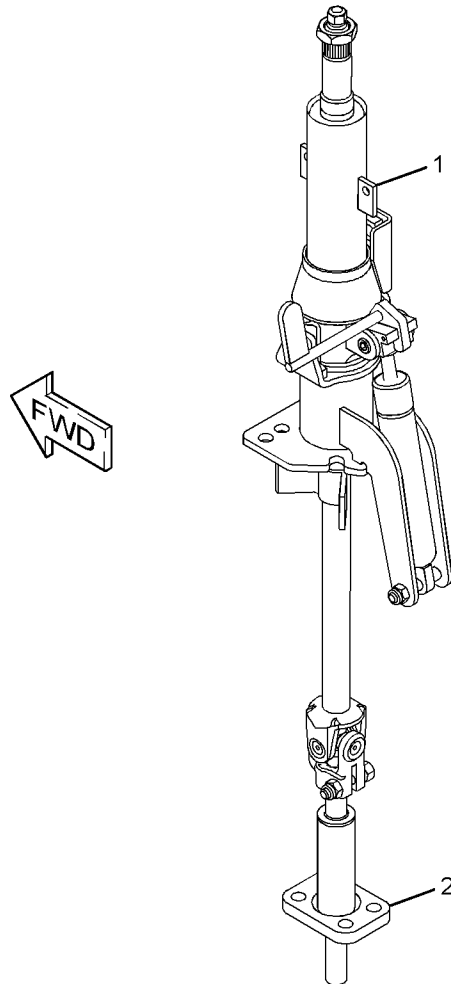
S/N: ASX1-UP

PART OF 112-9704 CONTROL GP-STEERING

SMCS-4304, 4309, 4310, 4338

i02763821

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	224-9921	1	STEERING COLUMN GP-ADJUSTABLE (TILT)	647
	2	1	224-9922	1	ADAPTER GP-STEERING COLUMN	
Y-SEPARATE ILLUSTRATION						



GRAPHIC #1

<END>

g01270704

OPERATOR STATION

154-7443 CONTROL GP-UNPRGMED MONITOR- CATERPILLAR MONITORING SYSTEM

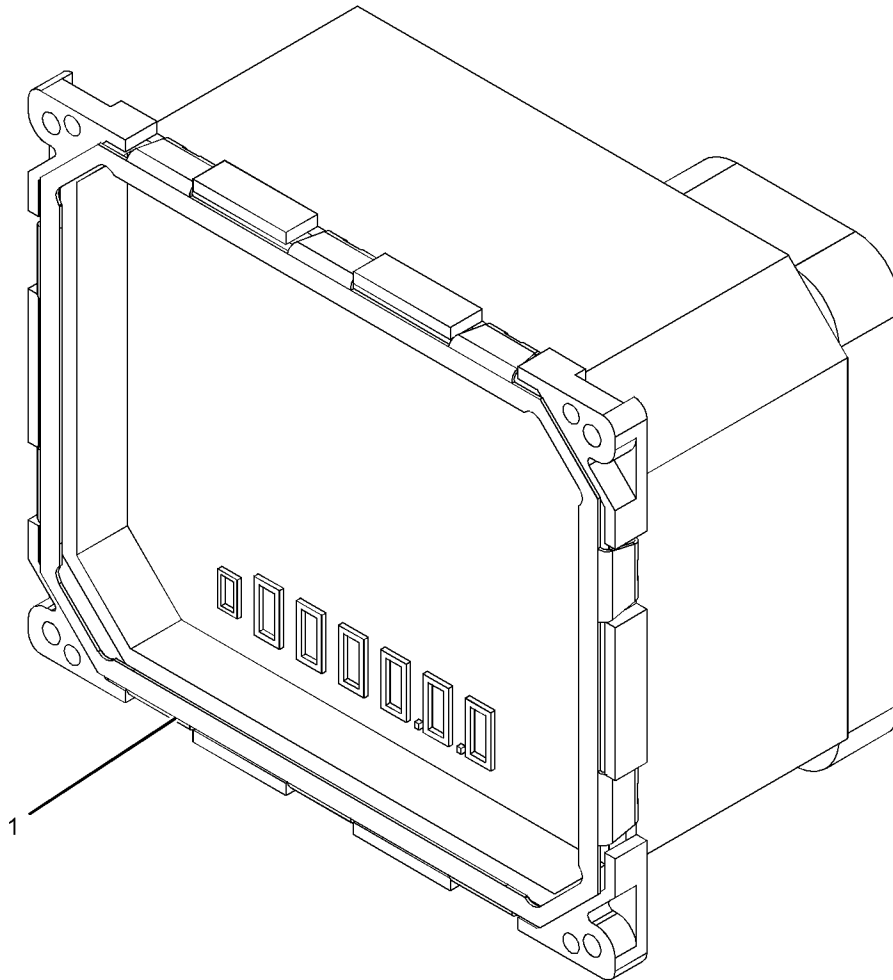
S/N: ASX1-UP

PART OF 235-1051 WIRING GP-CAB

SMCS-7610

i02588359

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	252-4501	1	CONTROL GP-UNPRGMED MONITOR (CATERPILLAR MONITORING SYSTEM)						



GRAPHIC #1

<END>

g01299826

OPERATOR STATION

261-3226 DISPLAY GP-CAMERA

S/N: ASX1-UP

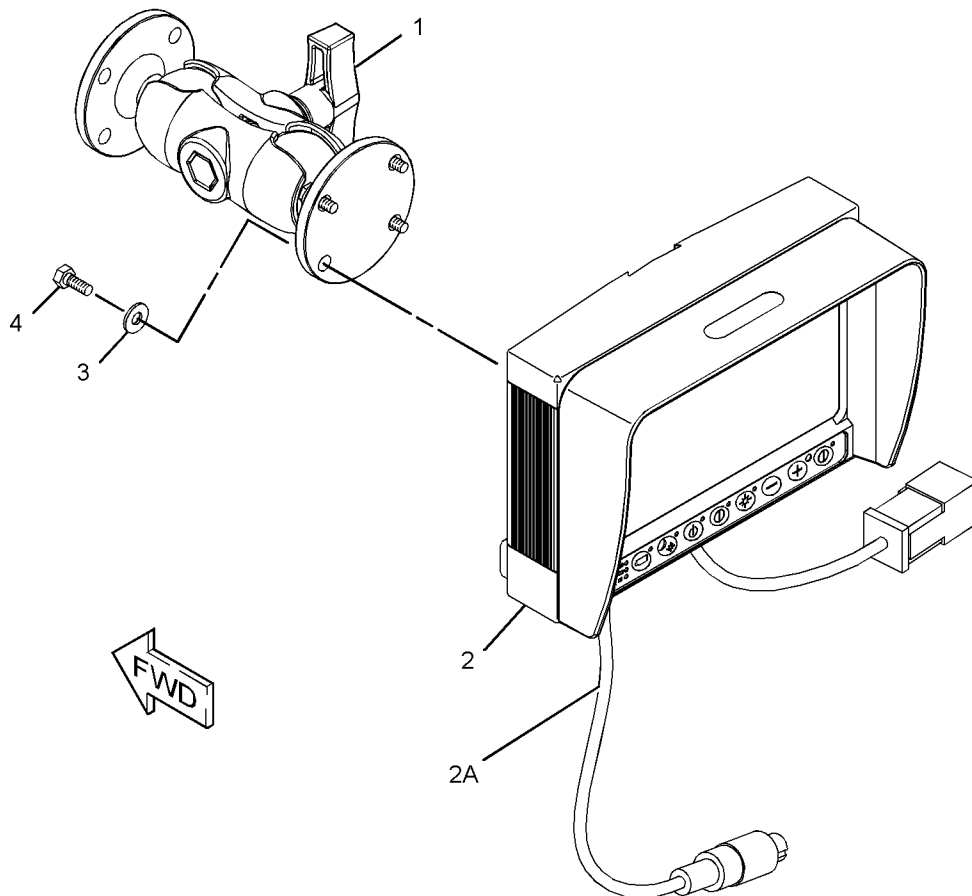
PART OF 306-2110 MONITOR GP-CAMERA
AN ATTACHMENT

SMCS-7347

i02764611

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

M-METRIC PART



GRAPHIC #1

<END>

g01383320

OPERATOR STATION

109-2240 DOOR GP - CAB-LH

S/N: ASX1-UP

PART OF 187-3684 ROPS GP-ENCLOSED
ALSO AN ATTACHMENT

SMCS-7308

i01497464

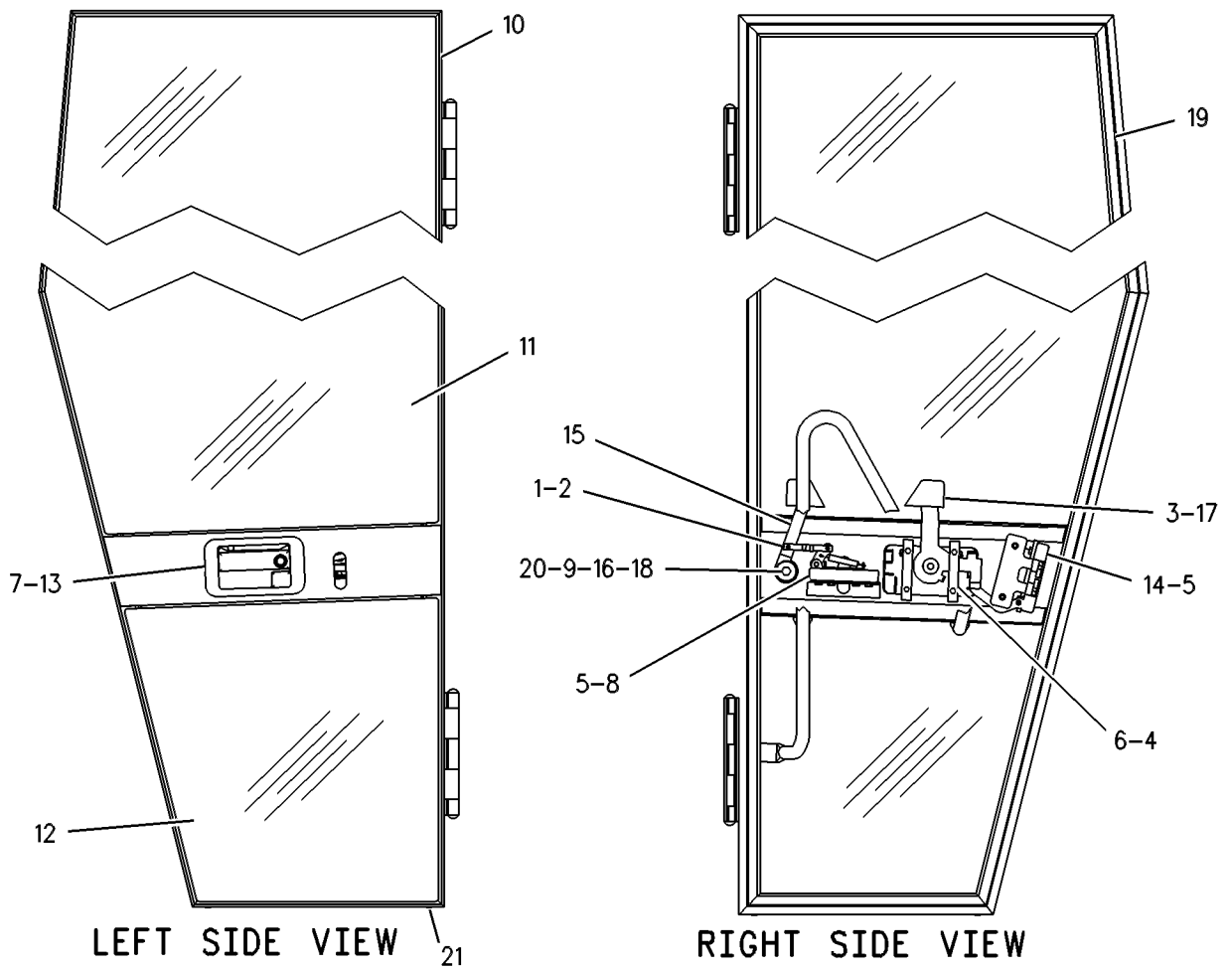
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6V-7636	2	PIN AS-SPRING						
	2	1	6V-8073	1	LINK-CONNECTING						
	3	1	7X-2497	2	HANDLE-DOOR						
M	4	1	8T-4180	4	SCREW-MACHINE (M5X0.8X20-MM)						
M	5	1	8T-4181	6	BOLT (M6X1X20-MM)						
	6	1	8T-4747	2	BRACKET						
	7	1	8Y-6386	1	SEAL-HANDLE						
	8	1	107-7892	1	LATCH AS						
	9	1	107-7894	1	BUSHING-PIVOT						
	10	1	108-1803	1	DOOR AS						
B	11	1	109-2262	1	GLASS (UPPER DOOR)						
B	12	1	109-2263	1	GLASS (LOWER DOOR)						
	13	1	111-1353	1	HANDLE AS						
	14	1	111-1355	1	LATCH AS-ROTARY						
	15	1	112-7048	1	LEVER						
	16	1	113-7089	1	WASHER						
M	17	1	8C-3210	4	BOLT (M6X1X16-MM)						
M	18	1	8T-4200	1	BOLT (M8X1.25X16-MM)						
BE	19	1	3E-3805		SEAL						
	20	1	129-4326	1	WASHER-WAVE SPRING						
B	21	1	5P-7803	2	PLUG-BUTTON						

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

OPERATOR STATION

109-2240 DOOR GP - CAB (contd.)

i01497464



GRAPHIC #1

<END>

g00122385

OPERATOR STATION

109-2241 DOOR GP - CAB-RH

S/N: ASX1-UP

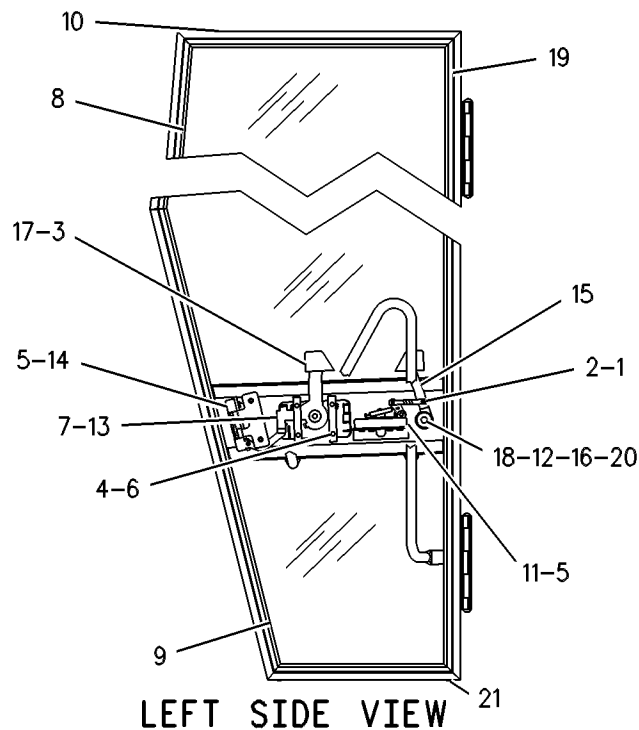
PART OF 187-3684 ROPS GP-ENCLOSED
ALSO AN ATTACHMENT

SMCS-7308

i01497465

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6V-7636	2	PIN AS-SPRING						
	2	1	6V-8073	1	LINK-CONNECTING						
	3	1	7X-2497	2	HANDLE-DOOR						
M	4	1	8T-4180	4	SCREW-MACHINE (M5X0.8X20-MM)						
M	5	1	8T-4181	6	BOLT (M6X1X20-MM)						
	6	1	8T-4747	2	BRACKET						
	7	1	8Y-6386	1	SEAL-HANDLE						
B	8	1	107-1151	1	GLASS						
B	9	1	107-1152	1	GLASS						
	10	1	107-1163	1	DOOR AS						
		1	107-1161	2	HINGE						
	11	1	107-7891	1	LATCH AS						
	12	1	107-7894	1	BUSHING-PIVOT						
	13	1	111-1354	1	HANDLE AS						
					(REQUIRES 5P8500 KEY)						
	14	1	111-1356	1	LATCH AS-ROTARY						
	15	1	112-7047	1	LEVER						
	16	1	113-7089	1	WASHER						
M	17	1	8C-3210	4	BOLT (M6X1X16-MM)						
M	18	1	8T-4200	1	BOLT (M8X1.25X16-MM)						
BE	19	1	3E-3805		SEAL						
	20	1	129-4326	1	WASHER-WAVE SPRING						
B	21	1	5P-7803	2	PLUG-BUTTON						

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



GRAPHIC #1

<END>

g00122384

OPERATOR STATION

173-9600 DUCT & FILTER GP-CAB AIR

S/N: ASX1-UP

PART OF 229-5015, 292-6101 CAB AR

SMCS-7337, 7342

i02717864

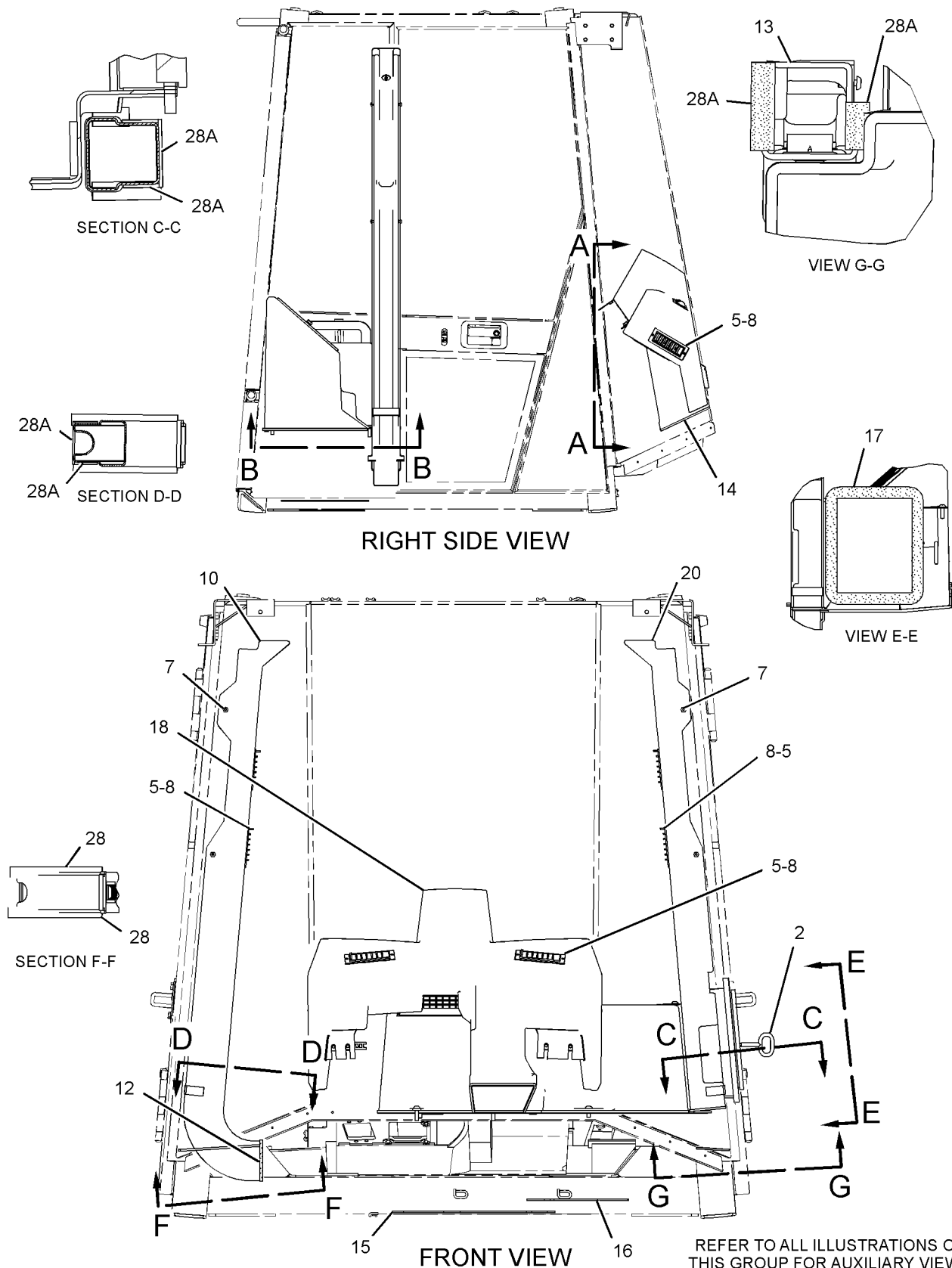
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	2	1	3V-7476	1	KEY-HANDLE	
	3	2	4P-7581	1	CLIP	
	4	2	8Y-6352	2	LOUVER AS	
	5	1,2	8Y-6388	10	LOUVER AS-VENT	
M	6	2	9X-2040	2	SCREW-TRUSS HEAD (M10X1.5X25-MM)	
M	7	1	9X-2042	8	SCREW-TRUSS HEAD (M6X1X12-MM)	
	8	1,2	104-2091	20	SCREW-FLAT HEAD (NO 6X0.5-IN)	
	9	2	107-0266	1	FILTER-CAB AIR	
	10	1	107-7308	1	DUCT AS-RH	
	11	2	112-7448	1	FILTER-CAB AIR	
	12	1	114-3466	1	SEAL	
	13	1	114-3467	1	SEAL	
	14	1	114-3468	1	SEAL	
	15	1	128-3786	1	SEAL	
	16	1	128-3787	1	SEAL	
	17	1	155-9653	1	SEAL	
	18	1	159-4750	1	DUCT AS	
	19	2	176-5500	1	COVER AS	
	20	1	184-6673	1	DUCT AS-LH	
	21	2	114-4208	1	COVER AS	
		2	2R-2376	2	WASHER (7X16X0.8-MM THK)	
		2	134-0780	2	THUMBSCREW	
		2	276-6606	1	PLATE	
M	22	2	5C-7261	4	NUT (M8X1.25-THD)	
	23	2	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)	
M	24	2	8T-4137	1	BOLT (M10X1.5X20-MM)	
	25	2	9N-0869	4	WASHER-HARD (8.8X25.5X2-MM THK)	
M	26	2	9X-2039	3	SCREW-TRUSS HEAD (M10X1.5X35-MM)	
D	28	1	6V-0723		SEAL (0.3-M EACH)	
D	28A	1	6V-0723		SEAL (0.1-M EACH)	
E	29	2	227-0213		SEAL (8-CM)	
E	29A	2	227-0213		SEAL (19-CM)	
E	29B	2	227-0213		SEAL (2-CM)	
E	29C	2	227-0213		SEAL (228-CM)	
BF			121-3910		ADHESIVE	

B-USE AS REQUIRED
D-ORDER BY THE METER
E-ORDER BY THE CENTIMETER
F-NOT SHOWN
M-METRIC PART

OPERATOR STATION

173-9600 DUCT & FILTER GP - CAB AIR (contd.)

i02717864



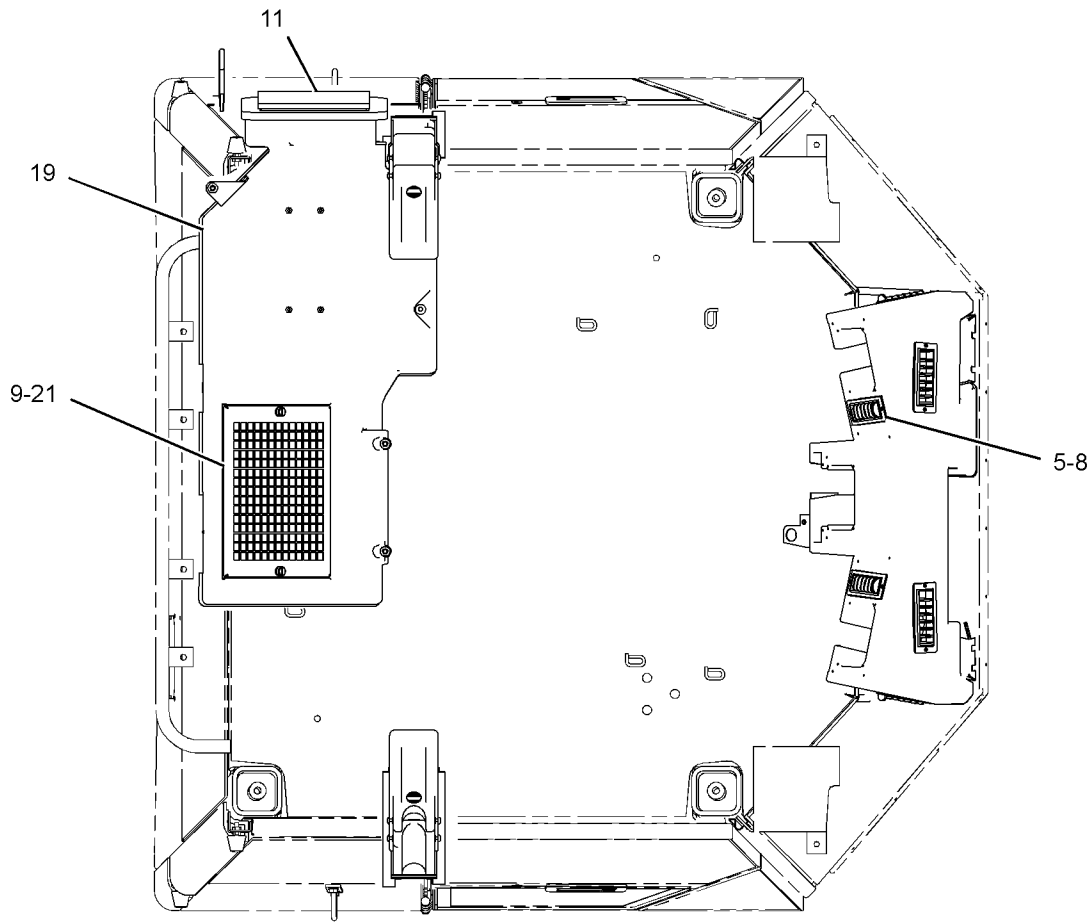
GRAPHIC #1

g01378267

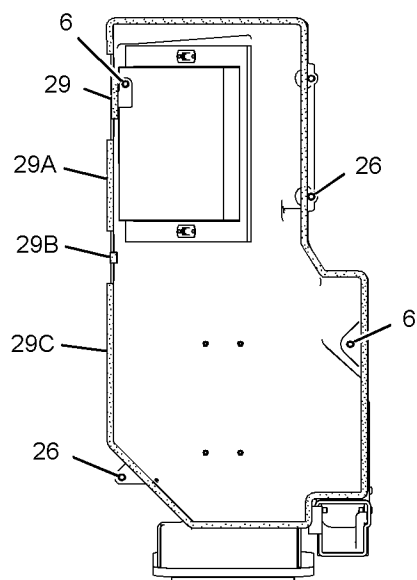
OPERATOR STATION

173-9600 DUCT & FILTER GP - CAB AIR (contd.)

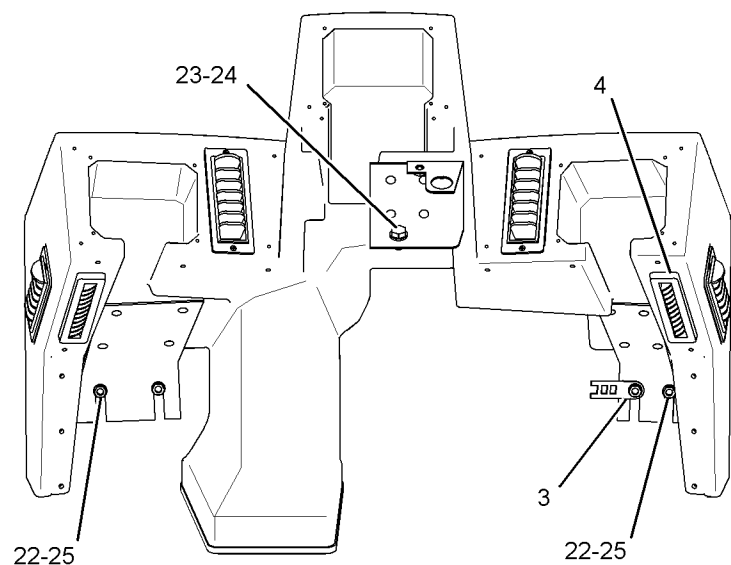
i02717864



TOP VIEW



SECTION B-B



VIEW A-A

GRAPHIC #2

<END>

g01376775

OPERATOR STATION

240-6698 HORN GP-ELECTRIC

S/N: ASX1-UP

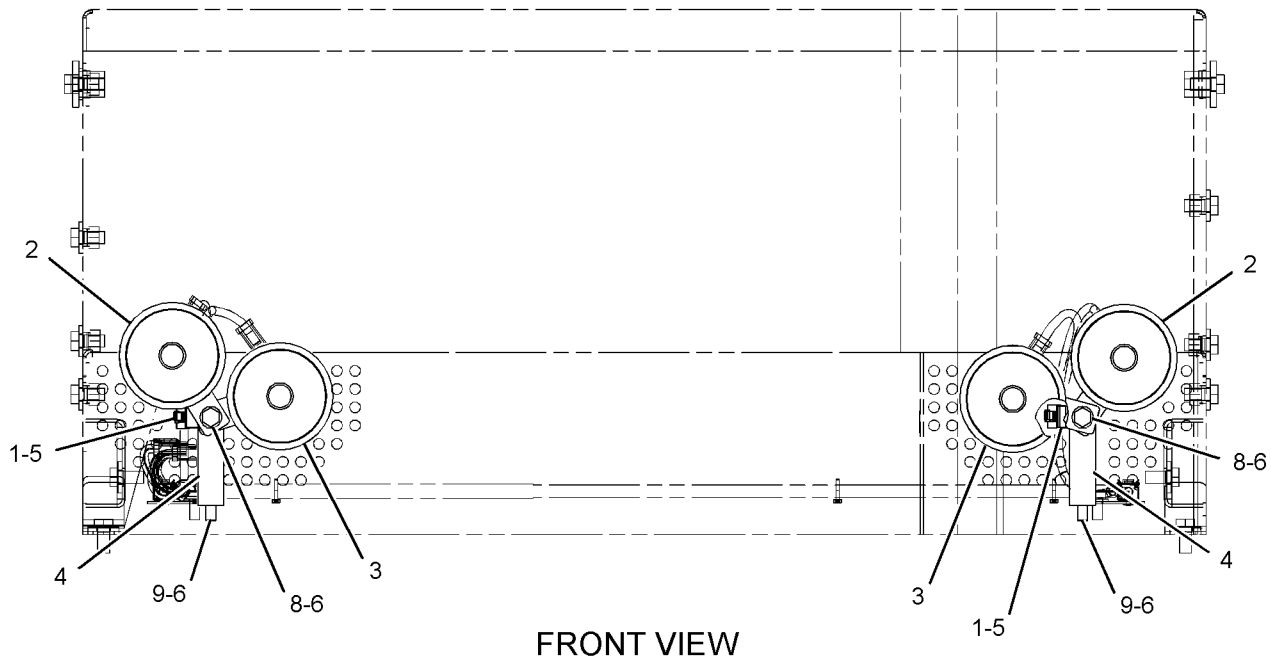
PART OF 226-9616, 285-7324 ELECTRICAL AR

SMCS-7402

i02171590

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-6772	2	STRAP-CABLE						
	2	1	163-1201	2	HORN AS (24-VOLT, LOW TONE)						
	3	1	174-7875	2	HORN AS (24-VOLT, HIGH TONE)						
	4	1	154-6626	2	BRACKET AS						
	5	1	4P-8134	2	CLIP						
	6	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	8	1	8T-4195	2	BOLT (M10X1.5X30-MM)						
M	9	1	8T-4137	2	BOLT (M10X1.5X20-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01106753

OPERATOR STATION

183-5775 INSTALLATION GP-CONTROLS

S/N: ASX1-UP

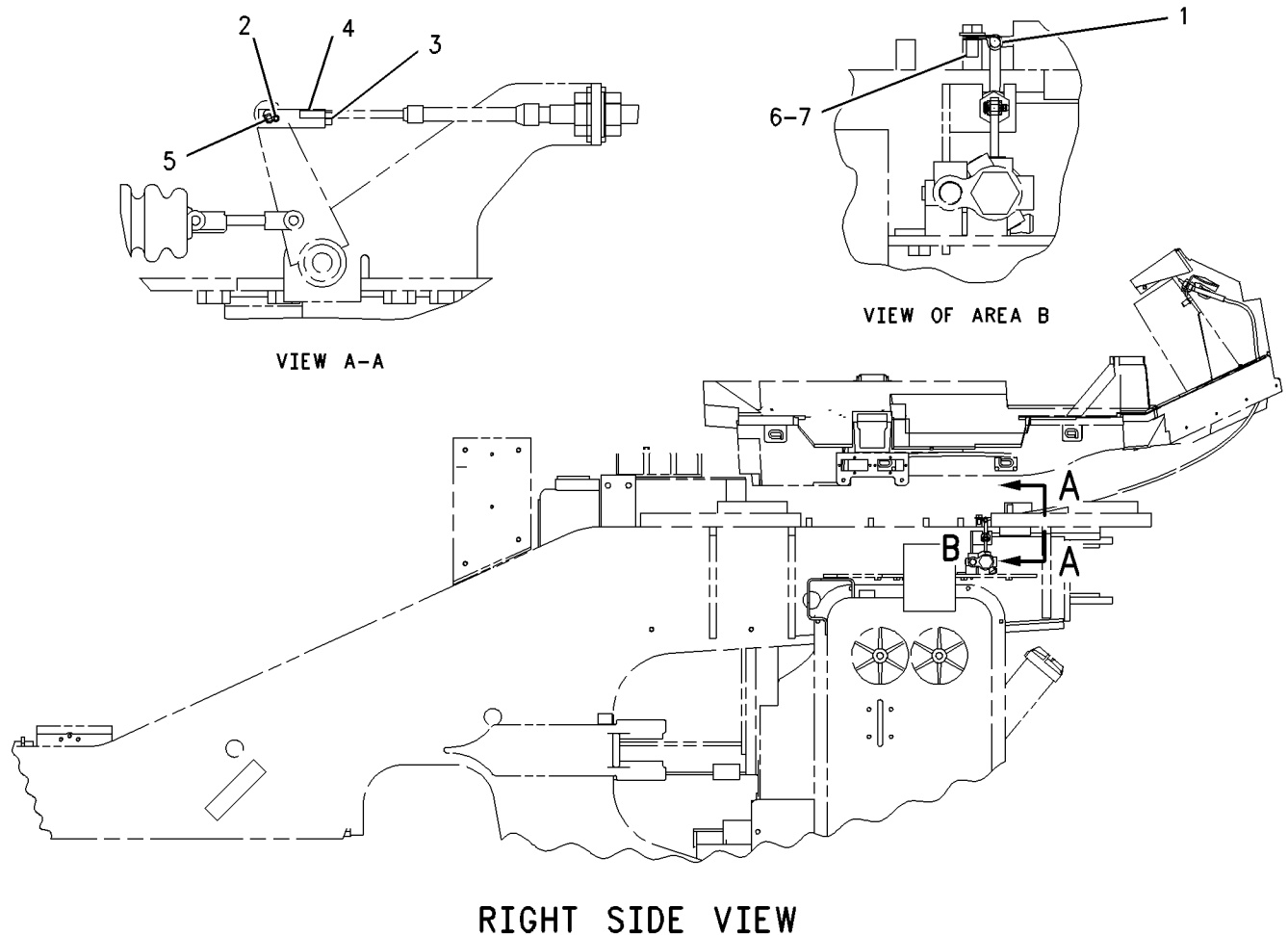
PART OF 229-5009, 292-6070 OPERATOR AR

SMCS-1265, 4284

i02763818

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4D-7794	1	CLIP						
	2	1	5B-9192	1	PIN-COTTER						
M	3	1	5C-2874	1	NUT (M5X0.8-THD)						
	4	1	9U-0830	1	END-YOKE ROD						
	5	1	096-0067	1	PIN-CLEVIS						
	6	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						
M	7	1	8T-4137	1	BOLT (M10X1.5X20-MM)						
F		1	187-1674	1	FLOOR MAT						

F-NOT SHOWN
M-METRIC PART



GRAPHIC #1

<END>

g00716585

OPERATOR STATION

228-9628 INSTALLATION GP-RADIO

S/N: ASX1-UP

PART OF 229-5015, 292-6101 CAB AR

SMCS-7338

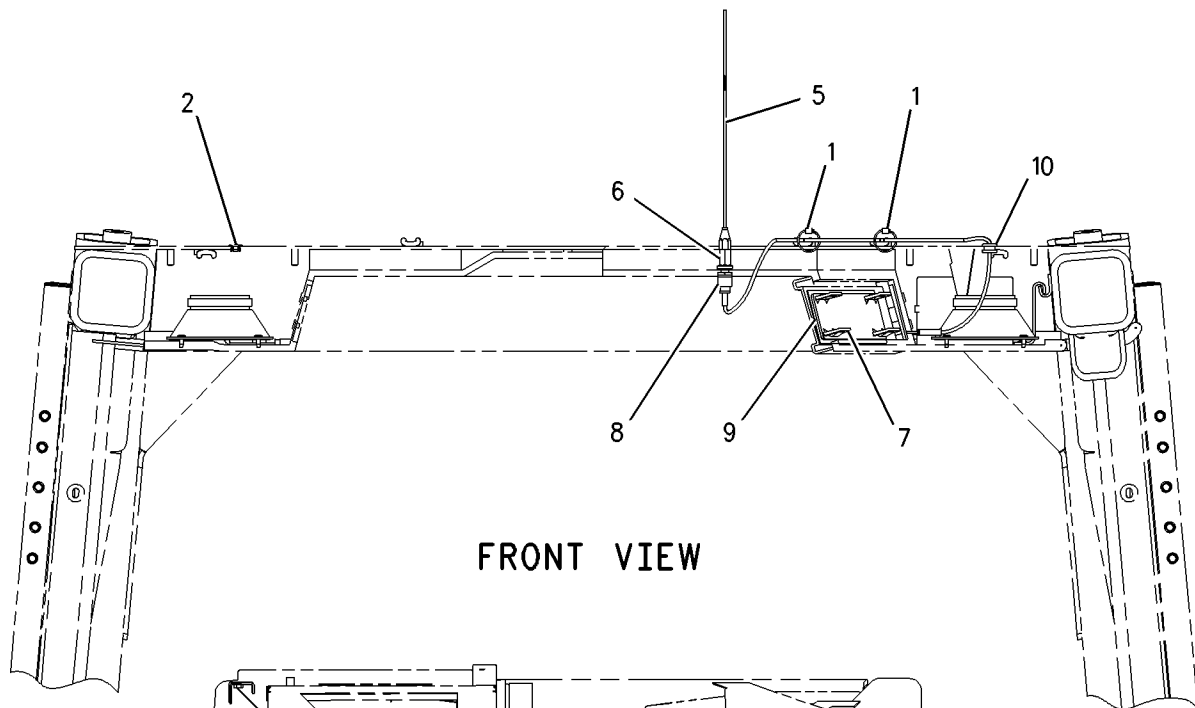
i01925850

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	3V-4694	1	PLUG-BUTTON	
	3	1	6T-7695	2	SPEAKER AS-RADIO	
	4	1	6V-2687	8	SCREW-PAN HEAD (10-24X1-IN)	
	5	1	9U-2331	1	ANTENNA AS (AM/FM)	
	6	1	9U-4431	1	MOUNT-ANTENNA	
	7	1	9U-8263	1	COVER	
	8	1	124-4884	1	CABLE AS	
	9	1	132-3522	1	PLATE	
	10	1	011-7960	1	GROMMET	

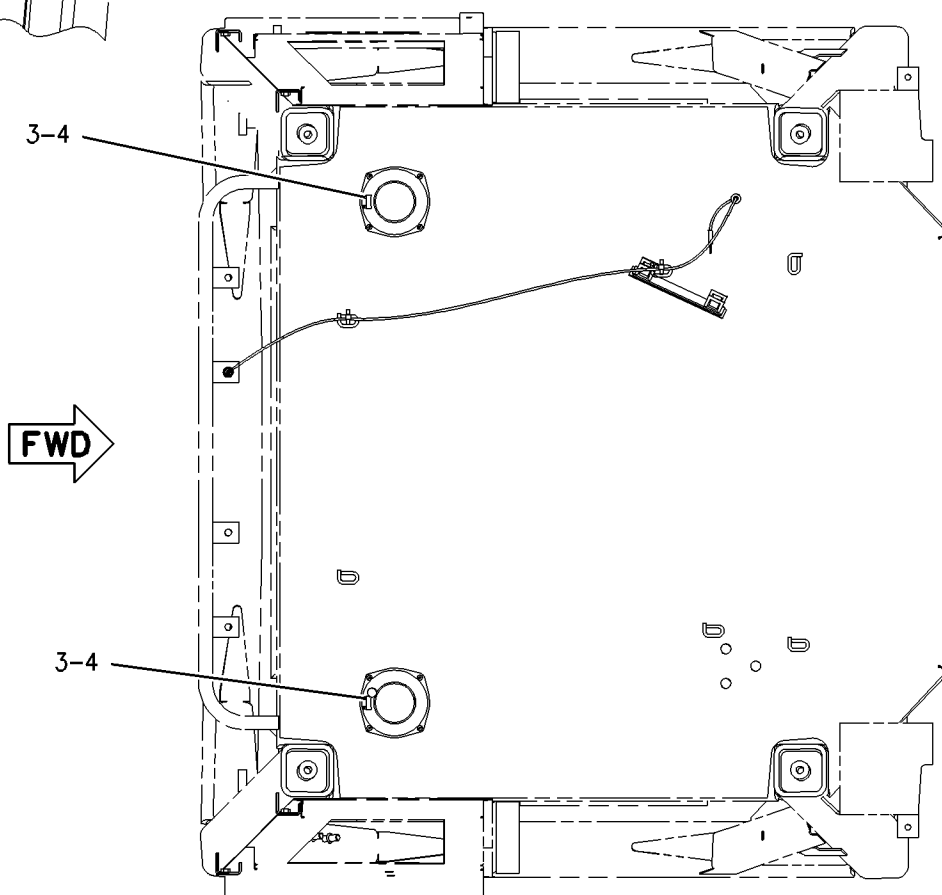
OPERATOR STATION

228-9628 INSTALLATION GP-RADIO (contd.)

i01925850



FRONT VIEW



TOP VIEW

GRAPHIC #1

<END>

g01004917

OPERATOR STATION

306-0319 INSTALLATION GP-RADIO

S/N: ASX300-UP
AN ATTACHMENT

SMCS-7338

i02720044

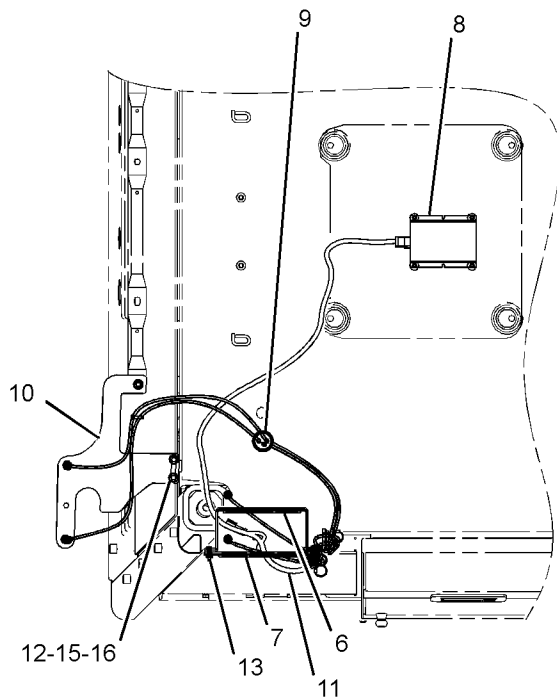
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	4	STRAP-CABLE						
	2	1	7K-1181	1	STRAP-CABLE						
	3	1	9U-2332	2	ANTENNA AS (CB)						
	4	1	9U-4431	2	MOUNT-ANTENNA						
	5	1	191-5114	2	CABLE AS (COAX)						
	6	1	208-3778	1	BRACKET						
	7	1	208-3779	1	BRACKET AS						
M		1	6V-9632	4	NUT-WELD (M6X1-THD)						
	8	1	209-0381	1	CONVERTER-POWER (24-VOLT TO 12-VOLT)						
	9	1	236-6253	2	GROMMET						
	10	1	304-4173	1	BRACKET						
	11	1	307-2034	1	HARNESS AS-RADIO						
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		1	3E-3377	1	WEDGE-RECEPTACLE LOCK (4-PIN)						
		1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	186-3736	1	SOCKET-CONNECTOR (16-GA TO 18-GA)						
		1	8T-8737	13	PLUG-SEAL						
		1	9W-0844	3	SOCKET-CONNECTOR (14-GA)						
		1	119-3662	7	TUBE-HEAT SHRINK (10.85-MM DIA)						
		1	125-7875	10	TUBE-HEAT SHRINK (7.44-MM DIA)						
		1	155-2271	1	KIT-CONNECTING PLUG (4-PIN)						
					(INCLUDES PLUG AS AND WEDGE)						
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)						
					(INCLUDES PLUG AS AND WEDGE)						
		1	155-2271	2	KIT-CONNECTING PLUG (4-PIN)						
					(EACH KIT INCLUDES PLUG AS AND WEDGE)						
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)						
					(INCLUDES PLUG AS AND WEDGE)						
	12	1	122-8705	1	U-BOLT						
M	13	1	6V-7357	4	BOLT (M6X1X25-MM)						
	14	1	8T-0328	4	WASHER-HARD (5.5X10X1-MM THK)						
	15	1	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)						
M	16	1	8T-4133	2	NUT (M10X1.5-THD)						
M	17	1	8T-4195	1	BOLT (M10X1.5X30-MM)						
	18	1	9X-2498	4	SCREW-HEX FLANGE (10-24X0.5-IN)						

M-METRIC PART

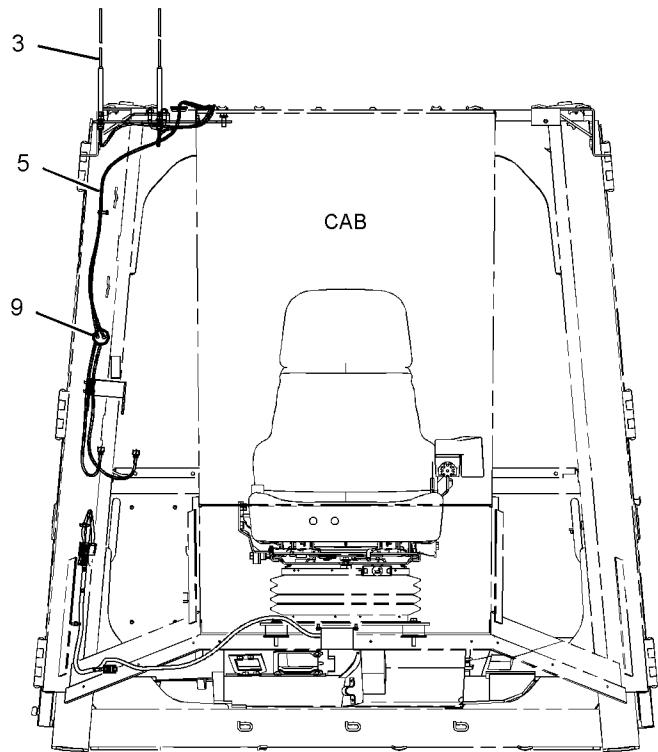
OPERATOR STATION

306-0319 INSTALLATION GP-RADIO (contd.)

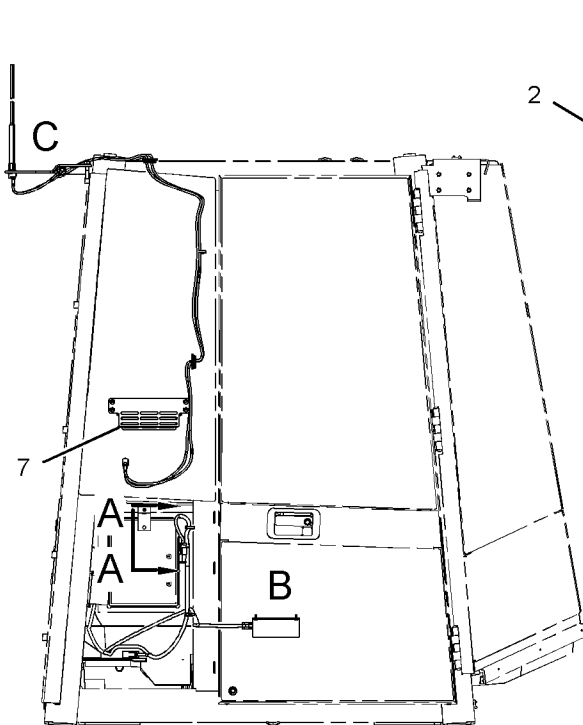
i02720044



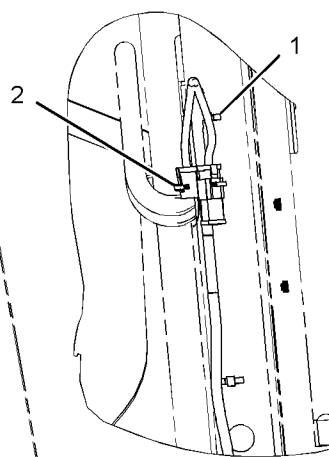
TOP VIEW 



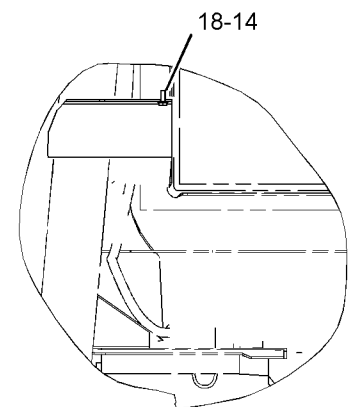
FRONT VIEW



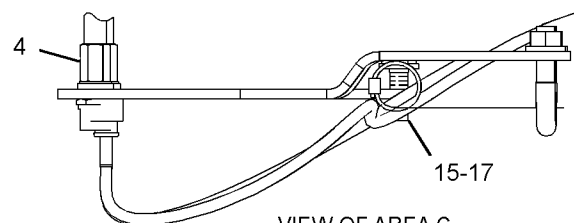
RIGHT SIDE VIEW



VIEW A-A



VIEW OF AREA B



VIEW OF AREA C

GRAPHIC #1

<END>

g01368484

OPERATOR STATION

231-4581 KIT-SEAT CUSHION-HEATED

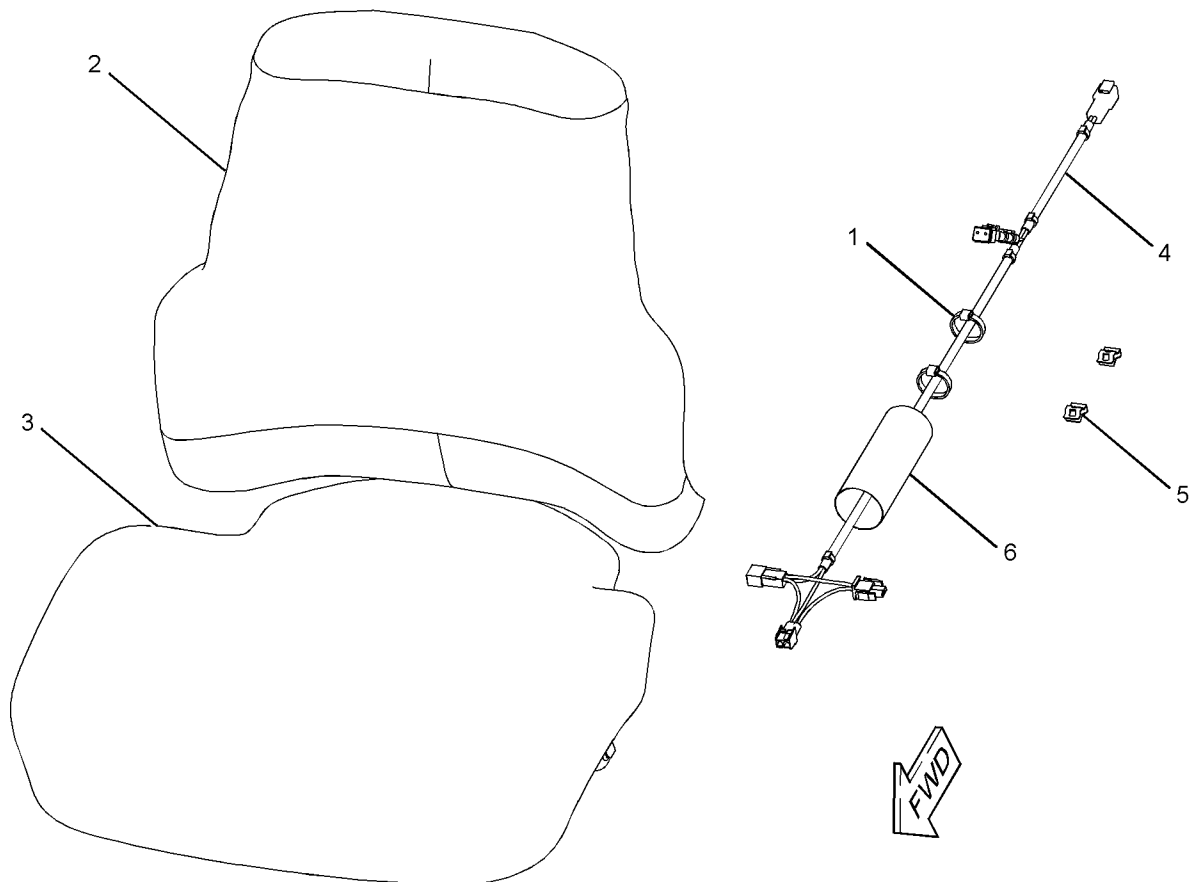
S/N: ASX1-UP
24-VOLT
AN ATTACHMENT

SMCS-7312

i02757226

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	241-5784	1	CUSHION AS						
Y	3	1	241-5785	1	PAN GP-SEAT						852
	4	1	241-5786	1	HARNESS AS-HEATER (SEAT)						
	5	1	266-7704	2	CLIP						
	6	1	266-7705	1	SLEEVE						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01218109

OPERATOR STATION

234-9743 LINER GP-CAB

S/N: ASX1-UP

PART OF 229-5015, 292-6101 CAB AR

SMCS-7329

i02659848

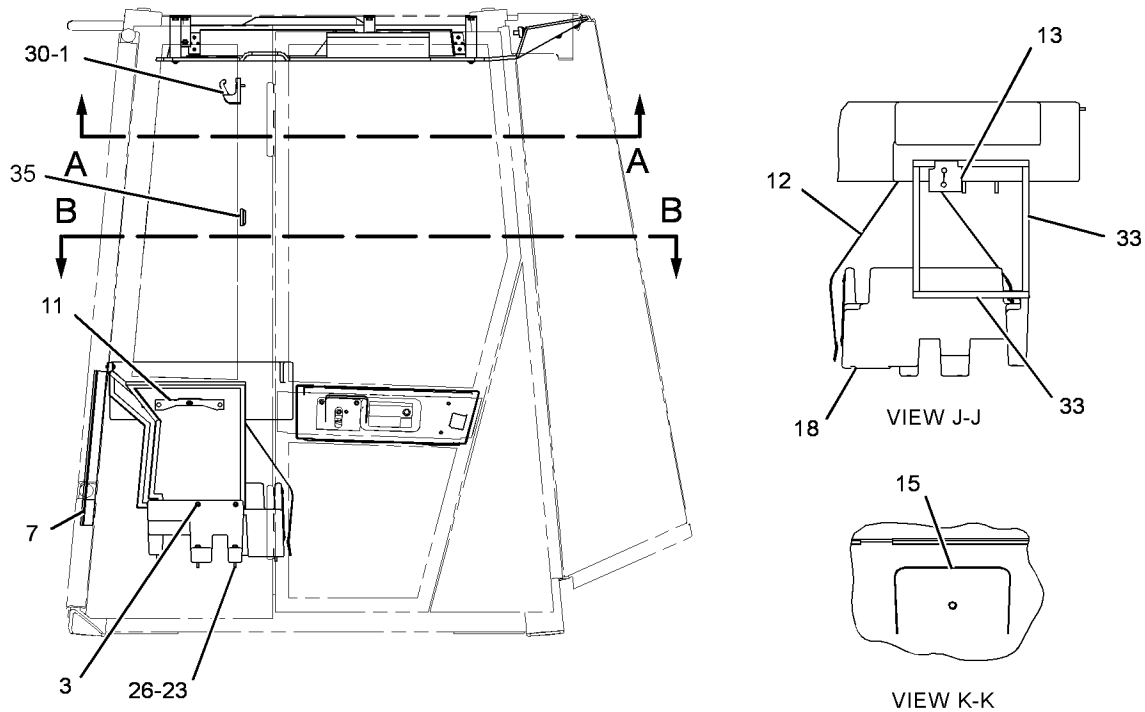
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6V-8928	1	HOOK-COAT						
M	2	1	6V-9606	2	BOLT (M6X1X140-MM)						
M	3	1, 2	8T-5027	5	NUT (M6X1-THD)						
	4	2	115-0214	1	COVER						
	5	2	115-0235	1	COVER						
	6	1	116-6810	1	TRIM AS						
		1	2R-2376	2	WASHER (7X16X0.8-MM THK)						
		1	7K-3262	1	SCREW (THUMB)						
		1	7K-4201	1	NUT-SPEED						
		1	8M-7758	2	RIVET-POP						
		1	123-5161	1	DOOR						
	7	1	120-8878	1	INSULATION						
	8	1	123-2995	1	PANEL						
	9	2	124-8366	4	ANGLE AS						
					(EACH INCLUDES)						
M		2	6V-9632	1	NUT-WELD (M6X1-THD)						
	10	2	124-8368	4	BRACKET AS						
					(EACH INCLUDES)						
M		2	6V-9632	1	NUT-WELD (M6X1-THD)						
	11	1	129-5224	1	BRACKET AS						
M		1	6V-9632	1	NUT-WELD (M6X1-THD)						
	12	1	161-3415	1	STRAP						
	13	1	162-5295	1	SEAL						
	14	2	164-6318	1	COVER						
	15	1	166-6578	1	COVER						
	16	1	179-6051	1	TRAY						
	17	2	202-4327	1	PULLER-FUSE						
	18	1	202-7652	1	COVER AS						
	19	2	266-9949	1	FILM-FUSE PANEL						
	20	1	237-7336	1	HEADLINER AS						
	21	2	239-0282	1	BRACKET AS						
M		2	6V-9632	4	NUT-WELD (M6X1-THD)						
M		2	8T-3612	8	NUT-WELD (M8X1.25-THD)						
M	22	2	131-3540	8	LOCKNUT (M8X1.25-THD)						
M	23	1	7X-2535	2	BOLT (M6X1X60-MM)						
	24	2	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)						
M	25	2	8T-4195	6	BOLT (M10X1.5X30-MM)						
	26	1	8T-4205	4	WASHER-HARD (7.2X14.5X2-MM THK)						
	27	2	8T-4224	8	WASHER-HARD (8.8X16X2-MM THK)						
	28	1, 2	9X-2038	17	WASHER (7X19X2-MM THK)						
M	29	2	9X-2044	6	SCREW-TRUSS HEAD (M6X1X16-MM)						
M	30	1, 2	9X-2045	17	SCREW-TRUSS HEAD (M6X1X20-MM)						
M	31	1, 2	9X-2046	9	SCREW-TRUSS HEAD (M6X1X35-MM)						
E	32	2	103-2543		SEAL (3-CM)						
D	33	1	5P-5637		SEAL (0.3-M EACH)						
	34	2	101-2867	4	WASHER-HARD (7.2X25X2-MM THK)						
	35	1	8D-6542	1	GROMMET						

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

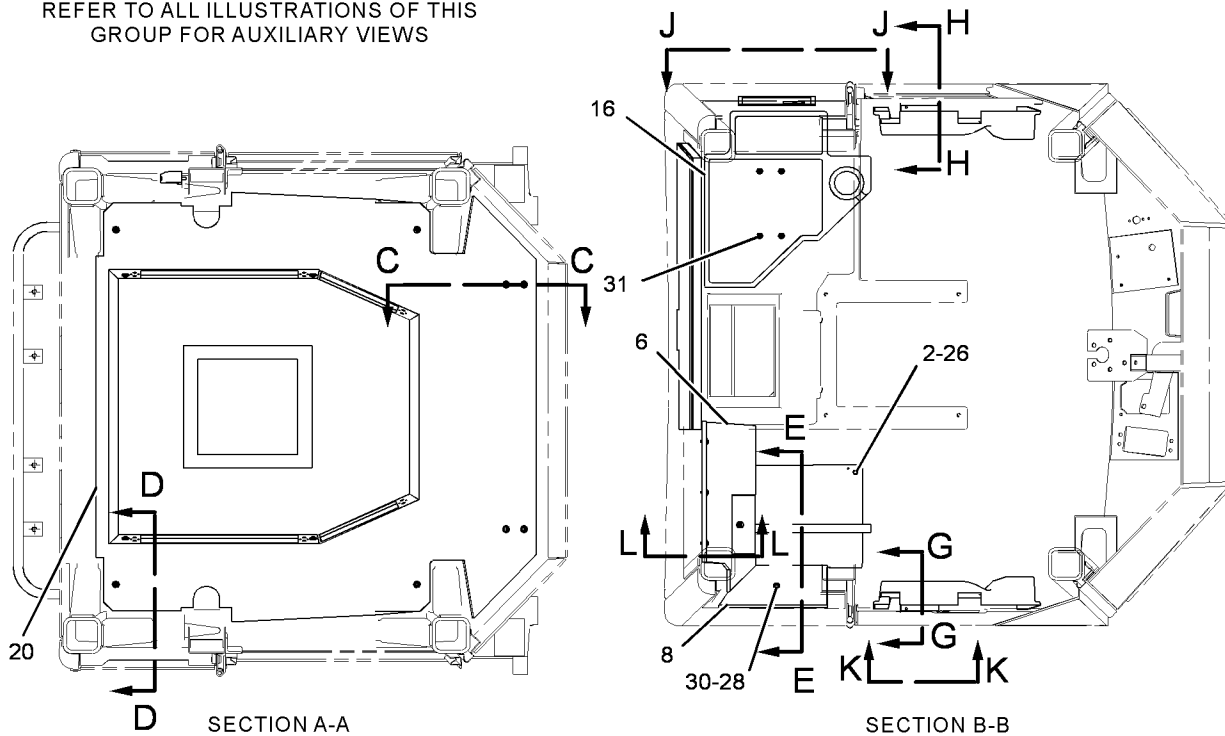
OPERATOR STATION

234-9743 LINER GP-CAB (contd.)

i02659848



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



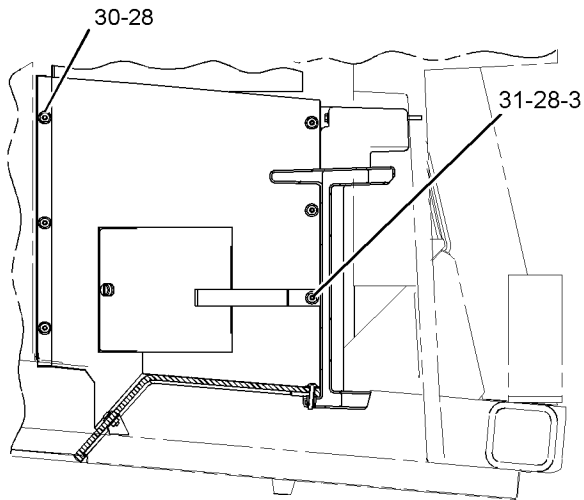
GRAPHIC #1

g01348525

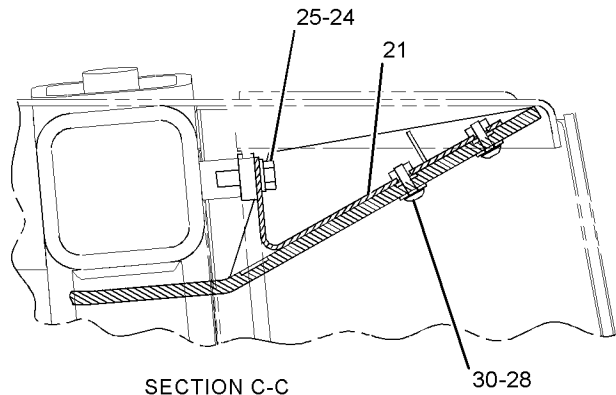
OPERATOR STATION

234-9743 LINER GP-CAB (contd.)

i02659848

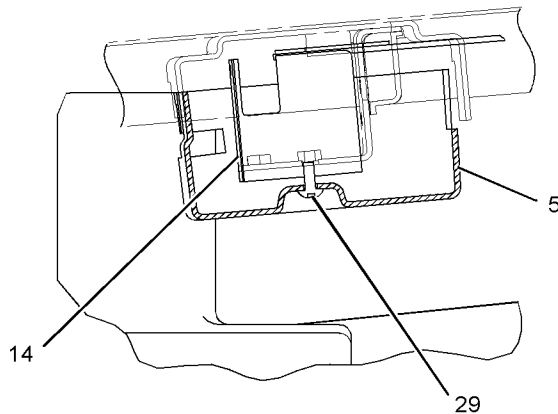


SECTION E-E

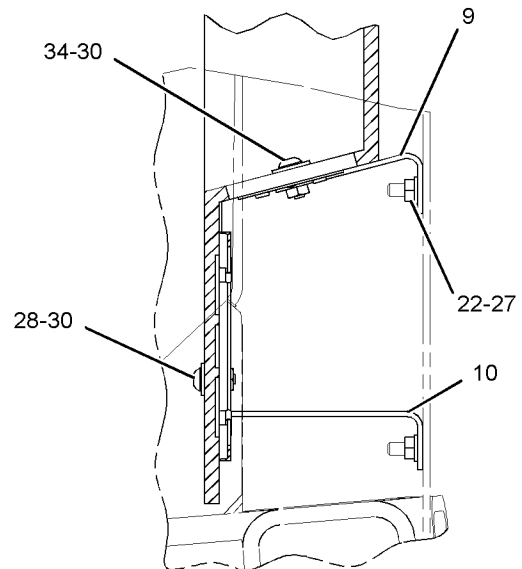


SECTION C-C

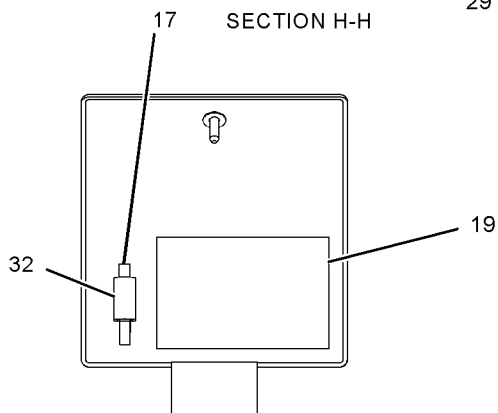
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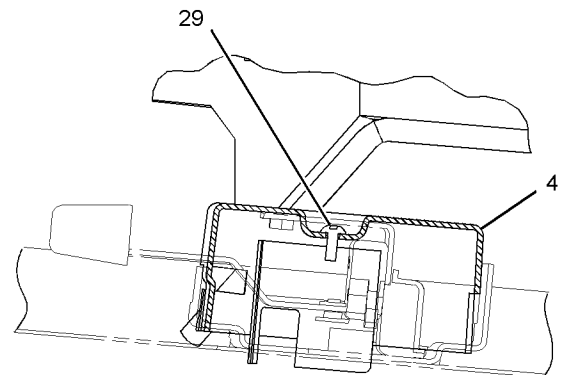
SECTION H-H



SECTION D-D



VIEW L-L



SECTION G-G

GRAPHIC #2

<END>

g01348527

OPERATOR STATION

131-1274 LINES GP-AIR CONDITIONER

S/N: ASX1-UP

PART OF 215-9501 AIR CONDITIONER GP

SMCS-1808

i01880260

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	5P-3928	1	COUPLING AS-REFRIGERANT	
		1	107-4395	1	VALVE AS	
		1	107-4396	1	GASKET	
	2	1	5P-4106	1	NUT (1-7/16-THD)	
	3	1	7K-3176	1	COUPLING AS-REFRIGERANT	
		1	107-4393	1	VALVE AS	
		1	107-4394	1	GASKET	
	4	1	7K-3304	1	NUT-JAM (1-20-THD)	
	5	1	126-6008	1	PLATE	
	6	1	130-1887	1	GASKET	
	7	1	170-3447	1	PLATE	
	8	1	170-3448	1	PLATE	
I	9	1	227-1369	1	HOSE AS	
I	10	1	227-2441	1	HOSE AS	
	11	1	5P-4295	1	CLIP	
M	12	1	6V-4248	1	BOLT (M10X1.5X25-MM)	
	13	1	6V-5839	2	WASHER (11X21X2.5-MM THK)	
M	14	1	8T-4133	1	NUT (M10X1.5-THD)	
	15	1	8T-7529	1	CLIP	
	16	1	9X-7381	1	SEAL-O-RING	
	17	1	9X-7382	1	SEAL-O-RING	
	18	1	9X-7383	1	SEAL-O-RING	
	19	1	9X-7384	1	SEAL-O-RING	

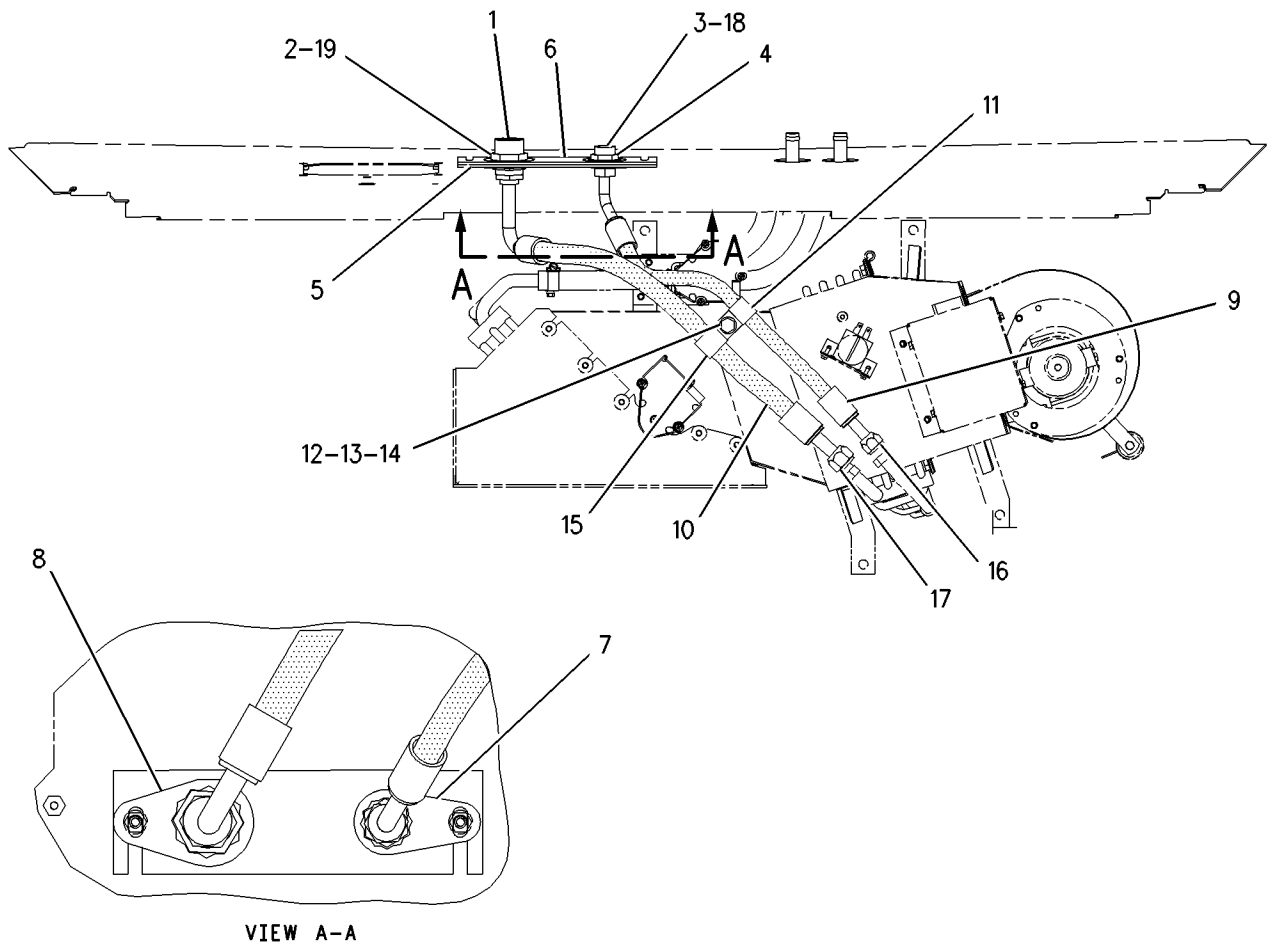
I-REFER TO HYDRAULIC INFORMATION SYSTEM

M-METRIC PART

OPERATOR STATION

131-1274 LINES GP-AIR CONDITIONER (contd.)

i01880260



GRAPHIC #1

<END>

g00975483

OPERATOR STATION

228-7060 LINES GP-AIR CONDITIONER

S/N: ASX1-299

PART OF 226-9594 CHASSIS AR

SMCS-1808

i02761705

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	175-7162	1	RECEIVER-DRYER GP (REFRIGERANT)	
		1	7X-2049	1	TUBE AS-REFRIGERANT ORIFICE	
	2	1	6G-2263	3	SPACER (10.5X19X28.5-MM THK)	
	3	1	103-6100	2	FITTING AS-AIR CONDITIONER (QUICK DISCONNECT) (EACH INCLUDES)	
		1	9X-7382	2	SEAL-O-RING	
	4	1	242-2445	1	CLAMP AS	
	5	1	116-6202	2	BOOT	
I	6	1	118-3373	1	HOSE AS	
	7	1	144-4613	1	ANGLE AS	
	8	1	186-6189	1	ACCUMULATOR-REFRIGERANT	
	9	1	190-1530	1	BRACKET AS	
I	10	1	197-7595	1	HOSE AS	
I	11	1	197-7596	1	HOSE AS	
I	12	1	200-3859	1	HOSE AS	
I	13	1	246-2287	1	HOSE AS	
	14	1	201-0375	1	BRACKET	
	15	1	125-2796	1	FITTING AS-AIR CONDITIONER	
	16	1	1P-6356	1	PLATE	
	17	1	3E-4066	1	FITTING AS-AIR CONDITIONER	
	18	1	5P-3929	1	COUPLING AS-REFRIGERANT	
		1	8F-9206	1	SEAL-O-RING	
		1	107-4397	1	VALVE AS	
	19	1	5P-3948	1	COUPLING AS-REFRIGERANT	
		1	7F-8607	1	SEAL-O-RING	
		1	107-4399	1	VALVE AS	
	20	1	6V-1889	8	CLIP	
	21	1	6V-4356	1	CLIP (SLOT)	
	22	1	6V-4357	1	CLIP (TAB)	
	23	1	7X-7729	1	WASHER (11X25X3-MM THK)	
	24	1	8M-2773	3	CLIP	
	25	1	8T-2561	1	WASHER-HARD (10.5X28.5X5-MM THK)	
	26	1	8T-4121	24	WASHER-HARD (11X21X2.5-MM THK)	
M	27	1	8T-4133	5	NUT (M10X1.5-THD)	
M	28	1	8T-4136	8	BOLT (M10X1.5X25-MM)	
M	29	1	8T-4137	3	BOLT (M10X1.5X20-MM)	
M	30	1	8T-4183	1	BOLT (M12X1.75X40-MM)	
M	31	1	8T-4195	3	BOLT (M10X1.5X30-MM)	
	32	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)	
M	33	1	8T-4244	1	NUT (M12X1.75-THD)	
M	34	1	8T-6466	3	BOLT (M10X1.5X60-MM)	
	35	1	9M-8406	7	CLIP	
	36	1	9X-7380	3	SEAL-O-RING	
	37	1	9X-7381	2	SEAL-O-RING	
	38	1	9X-7382	1	SEAL-O-RING	
	39	1	9X-7383	3	SEAL-O-RING	
	40	1	9X-7384	1	SEAL-O-RING	
	41	1	9X-8250	3	CLIP	
E	42	1	7X-7702		CONDUIT-FLEXIBLE (113-CM)	
E	43	1	8C-5064		CONDUIT-FLEXIBLE (117-CM)	
D	44	1	6V-2495		SEAL (0.3-M)	
M	49	1	8T-4185	1	BOLT (M10X1.5X50-MM)	

D-ORDER BY THE METER

E-ORDER BY THE CENTIMETER

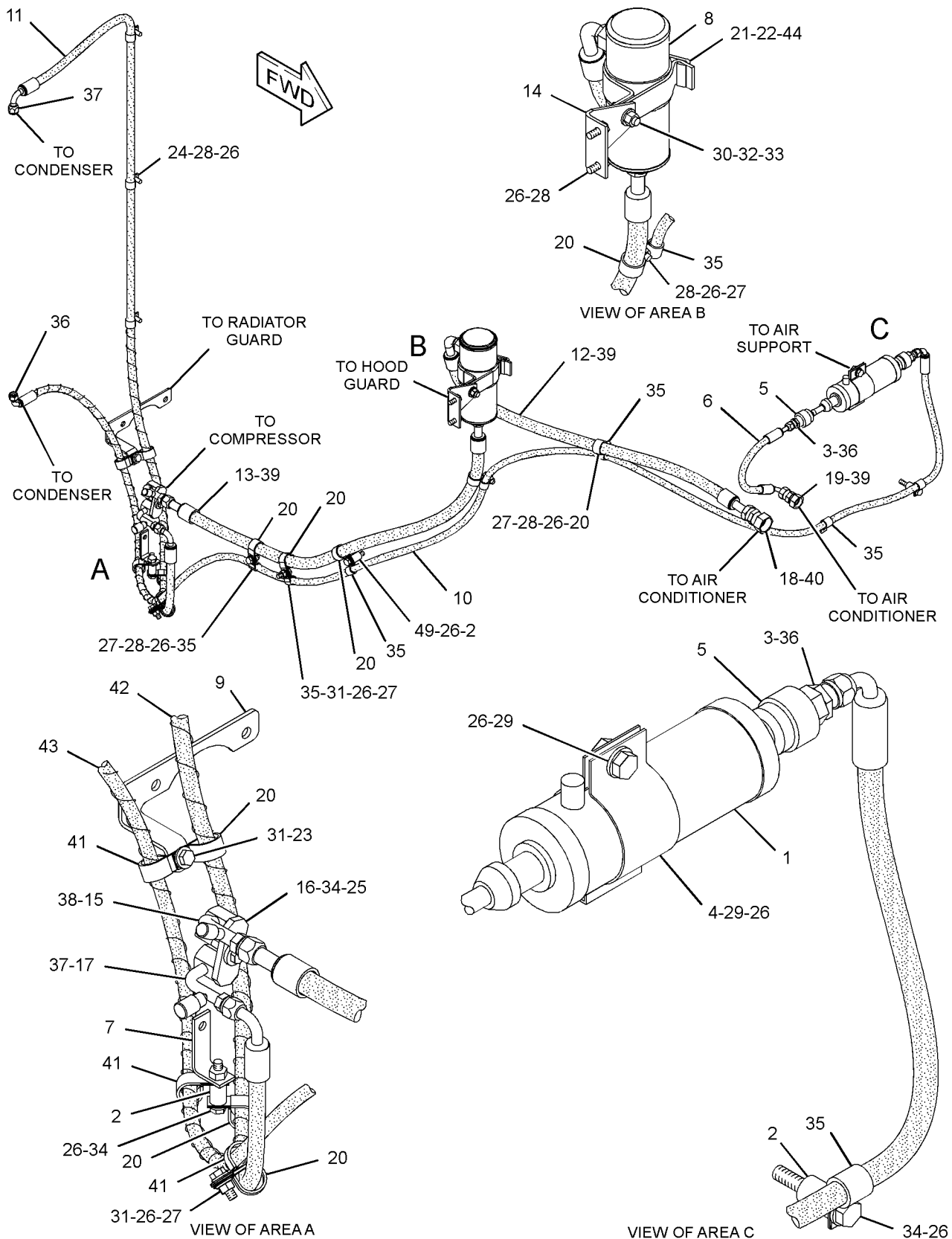
I-REFER TO HYDRAULIC INFORMATION SYSTEM

M-METRIC PART

OPERATOR STATION

228-7060 LINES GP-AIR CONDITIONER (contd.)

i02761705



GRAPHIC #1

<END>

g01278030

OPERATOR STATION

228-7060 LINES GP-AIR CONDITIONER

S/N: ASX300-UP

PART OF 300-6281 CHASSIS AR

SMCS-1808

i02686027

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	175-7162	1	RECEIVER-DRYER GP (REFRIGERANT)	
		1	7X-2049	1	TUBE AS-REFRIGERANT ORIFICE	
C	2	1,2	6G-2263	2	SPACER (10.5X19X28.5-MM THK)	
C	3	2	091-0081	1	SPACER (10.5X20X10-MM THK)	
	4	1	103-6100	2	FITTING AS-AIR CONDITIONER (QUICK DISCONNECT)	
					(EACH INCLUDES)	
		1	9X-7382	2	SEAL-O-RING	
	5	1	242-2445	1	CLAMP AS	
	6	1	116-6202	2	BOOT	
I	7	1	118-3373	1	HOSE AS	
	8	2	144-4613	1	ANGLE AS	
	9	2	186-6189	1	ACCUMULATOR-REFRIGERANT	
	10	2	190-1530	1	BRACKET AS	
I	11	1	197-7596	1	HOSE AS	
I	12	2	200-3859	1	HOSE AS	
	13	2	201-0375	1	BRACKET	
I	14	2	246-2287	1	HOSE AS	
CI	15	1	302-4520	1	HOSE AS	
	16	2	125-2796	1	FITTING AS-AIR CONDITIONER	
		2	3E-4051	1	CAP-SEAL	
		2	3E-4057	1	VALVE AS	
	17	2	1P-6356	1	PLATE	
	18	2	3E-4066	1	FITTING AS-AIR CONDITIONER	
		2	3E-4052	1	CAP-SEAL	
		2	3E-4058	1	VALVE AS	
	19	1	5P-3929	1	COUPLING AS-REFRIGERANT	
		1	8F-9206	1	SEAL-O-RING	
		1	107-4397	1	VALVE AS	
	20	1	5P-3948	1	COUPLING AS-REFRIGERANT	
		1	7F-8607	1	SEAL-O-RING	
		1	107-4399	1	VALVE AS	
C	21	1,2	6V-1889	7	CLIP	
	22	2	6V-4356	1	CLIP (SLOT)	
	23	2	6V-4357	1	CLIP (TAB)	
	24	2	7X-7729	1	WASHER (11X25X3-MM THK)	
	25	1	8M-2773	3	CLIP	
	26	2	8T-2561	1	WASHER-HARD (10.5X28.5X5-MM THK)	
C	27	1,2	8T-4121	22	WASHER-HARD (11X21X2.5-MM THK)	
CM	28	1,2	8T-4133	4	NUT (M10X1.5-THD)	
CM	29	1,2	8T-4136	7	BOLT (M10X1.5X25-MM)	
M	30	1	8T-4137	3	BOLT (M10X1.5X20-MM)	
M	31	2	8T-4183	1	BOLT (M12X1.75X40-MM)	
M	32	2	8T-4195	3	BOLT (M10X1.5X30-MM)	
CM	33	2	8T-4196	1	BOLT (M10X1.5X35-MM)	
	34	2	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)	
M	35	2	8T-4244	1	NUT (M12X1.75-THD)	
M	36	1,2	8T-6466	3	BOLT (M10X1.5X60-MM)	
	37	1,2	9M-8406	7	CLIP	
	38	1	9X-7380	3	SEAL-O-RING	
	39	1,2	9X-7381	2	SEAL-O-RING	
	40	2	9X-7382	1	SEAL-O-RING	
	41	1,2	9X-7383	3	SEAL-O-RING	
	42	1	9X-7384	1	SEAL-O-RING	
	43	2	9X-8250	3	CLIP	
CE	44	1	8C-5064		CONDUIT-FLEXIBLE (219-CM)	
CE	45	1	7X-7702		CONDUIT-FLEXIBLE (231-CM)	

OPERATOR STATION

228-7060 LINES GP-AIR CONDITIONER (contd.)

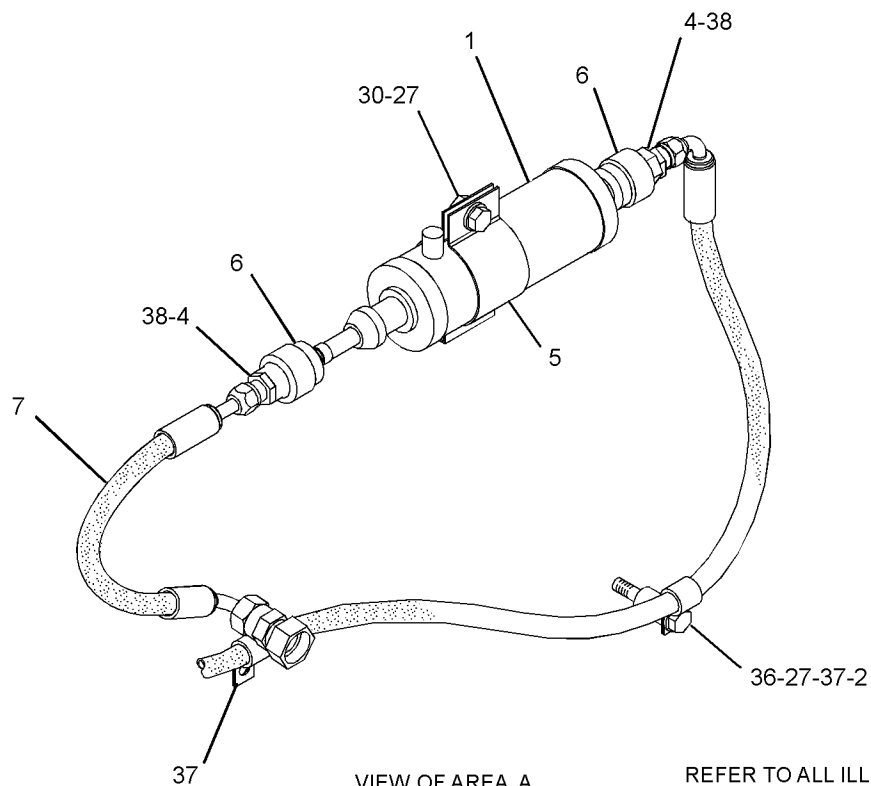
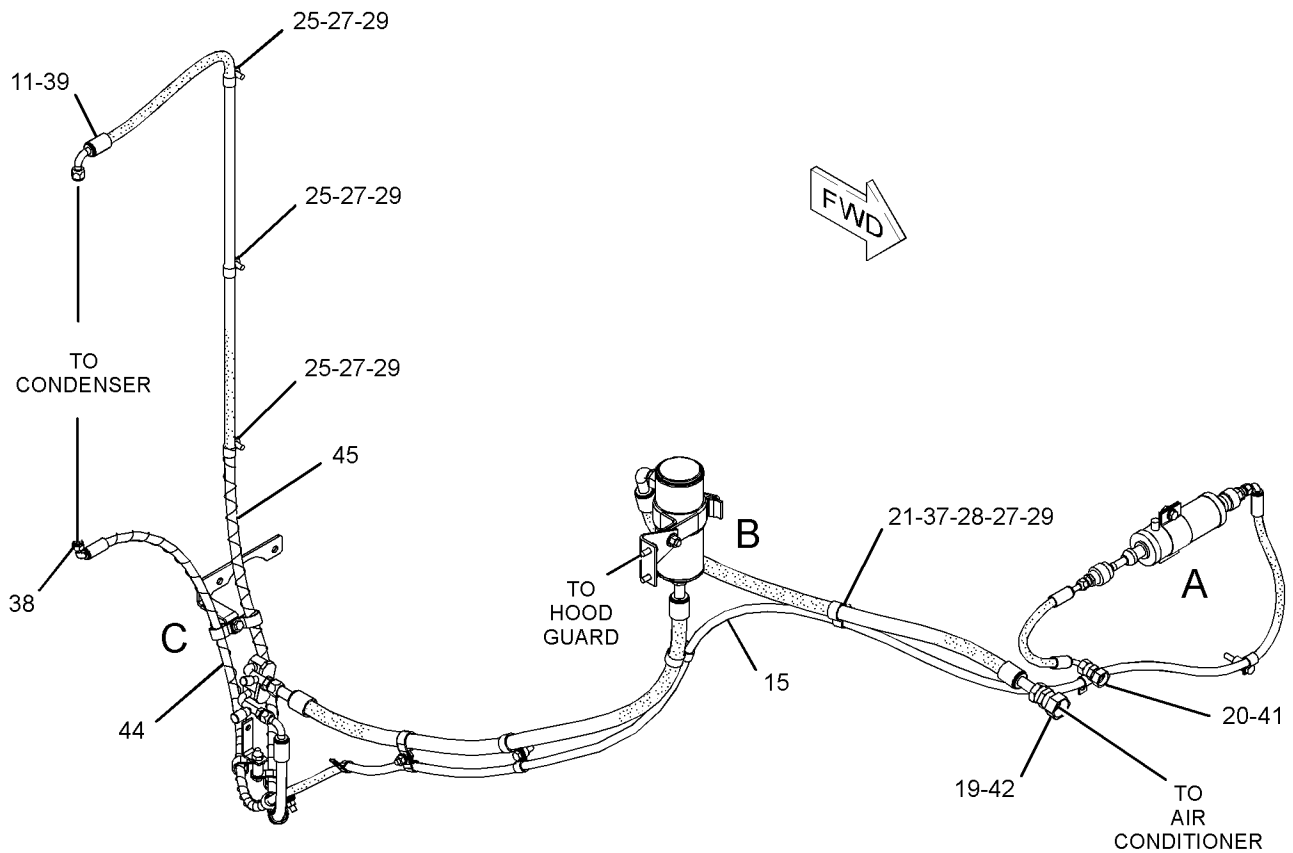
i02686027

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
D	46	2	6V-2495		SEAL (0.3-M)						
C-CHANGE FROM PREVIOUS TYPE											
D-ORDER BY THE METER											
E-ORDER BY THE CENTIMETER											
I-REFER TO HYDRAULIC INFORMATION SYSTEM											
M-METRIC PART											

OPERATOR STATION

228-7060 LINES GP-AIR CONDITIONER (contd.)

i02686027



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS.

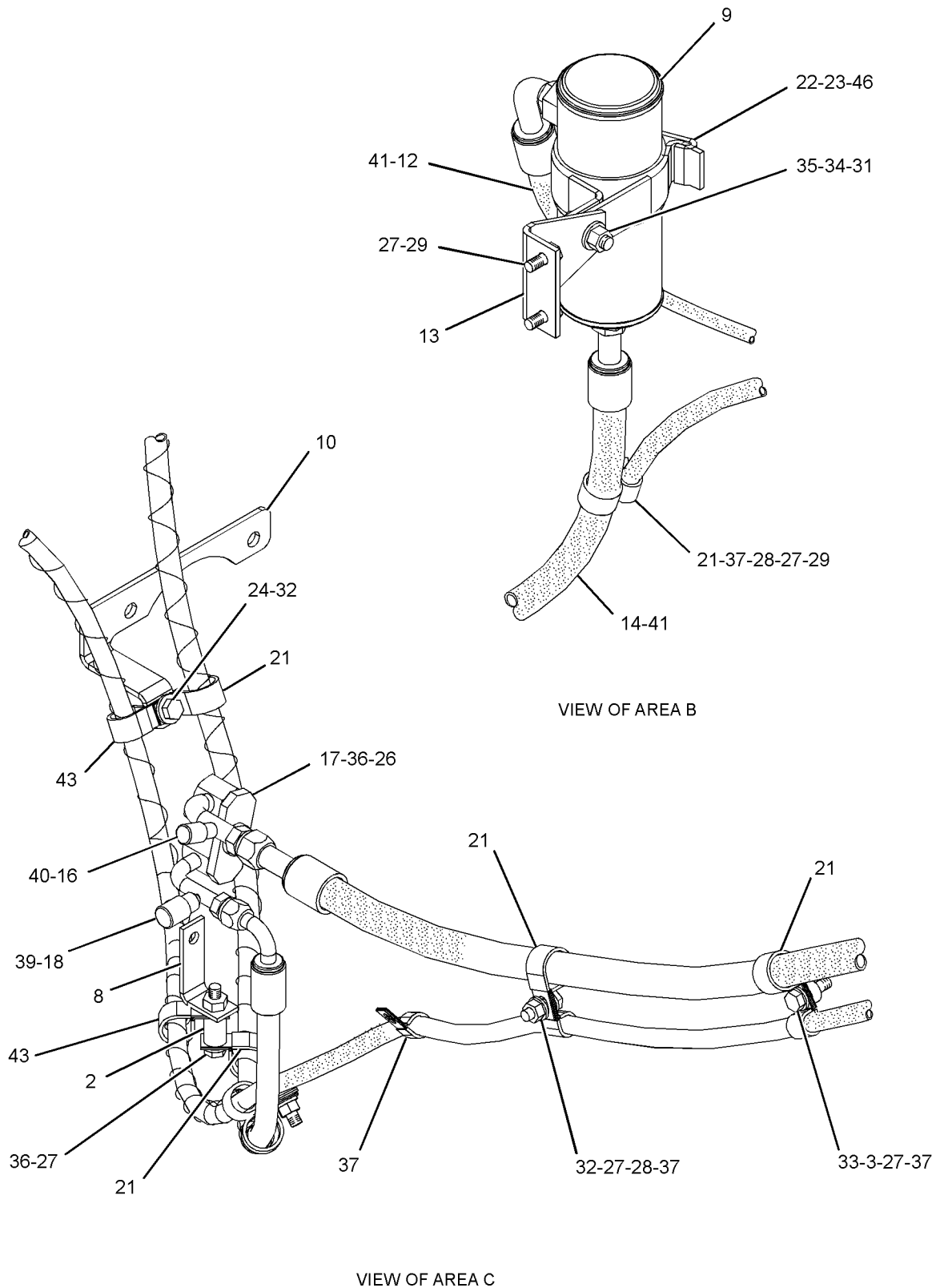
GRAPHIC #1

g01365099

OPERATOR STATION

228-7060 LINES GP-AIR CONDITIONER (contd.)

i02686027



GRAPHIC #2

<END>

g01365097

OPERATOR STATION

228 - 7068 LINES GP - CAB HEATER

S/N: ASX1-UP

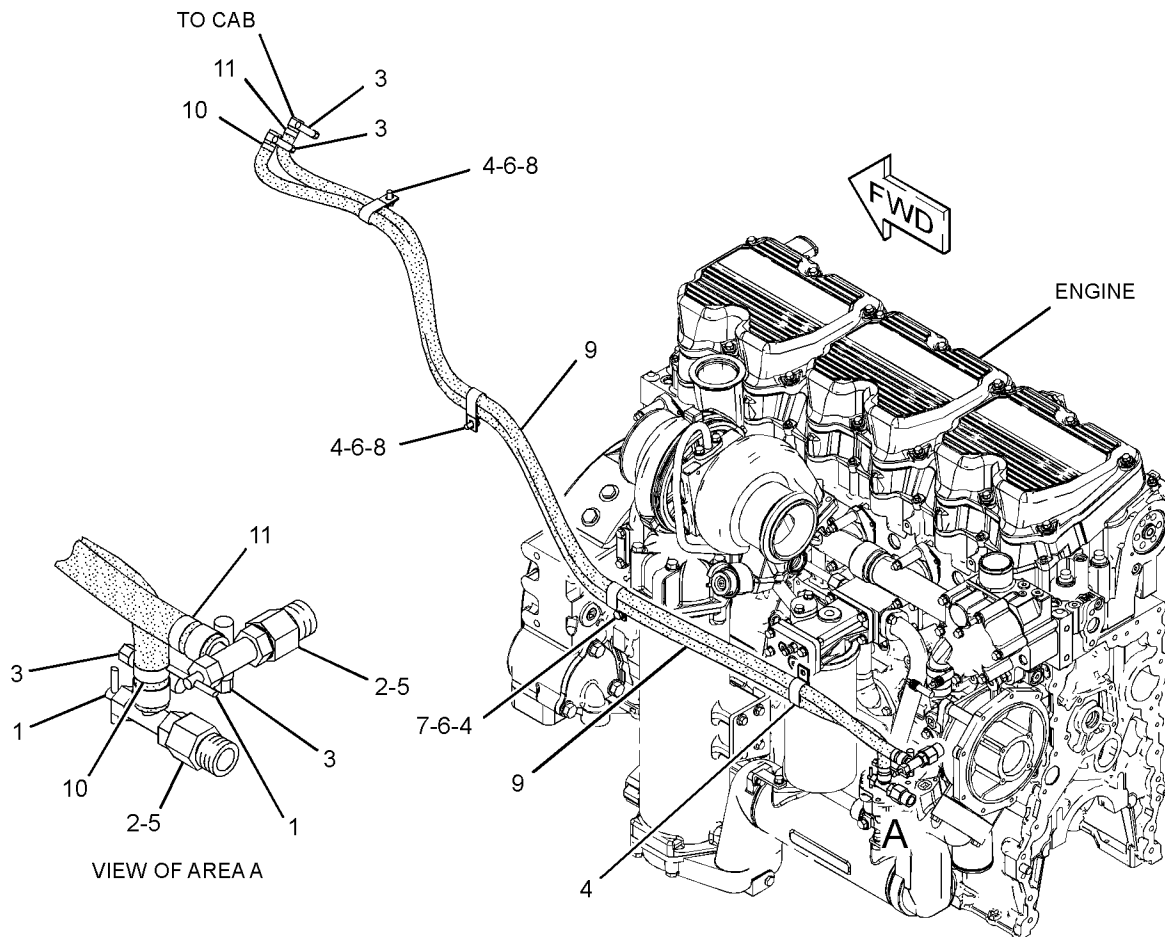
PART OF 226-9594, 300-6281 CHASSIS AR

SMCS-7304

i02468706

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6V-7238	2	VALVE-SHUTOFF						
	2	1	8C-6523	2	ADAPTER (7/8-14) (PIPE THREAD)						
	3	1	9X-2488	4	CLAMP-HOSE						
	4	1	6D-1641	4	CLIP						
	5	1	6V-6609	2	SEAL-O-RING						
	6	1	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)						
M	7	1	8T-4136	1	BOLT (M10X1.5X25-MM)						
M	8	1	8T-4137	2	BOLT (M10X1.5X20-MM)						
E	9	1	136-1953		HOSE (205-CM EACH)						
	10	1	1V-1122	2	TAG-IDENTIFICATION (LETTERS SPL)						
	11	1	1V-1123	2	TAG-IDENTIFICATION (LETTERS RET)						

E- ORDER BY THE CENTIMETER
M-METRIC PART



GRAPHIC #1

<END>

g01242142

OPERATOR STATION

229-0066 LINES GP-CAB HEATER

S/N: ASX1-UP

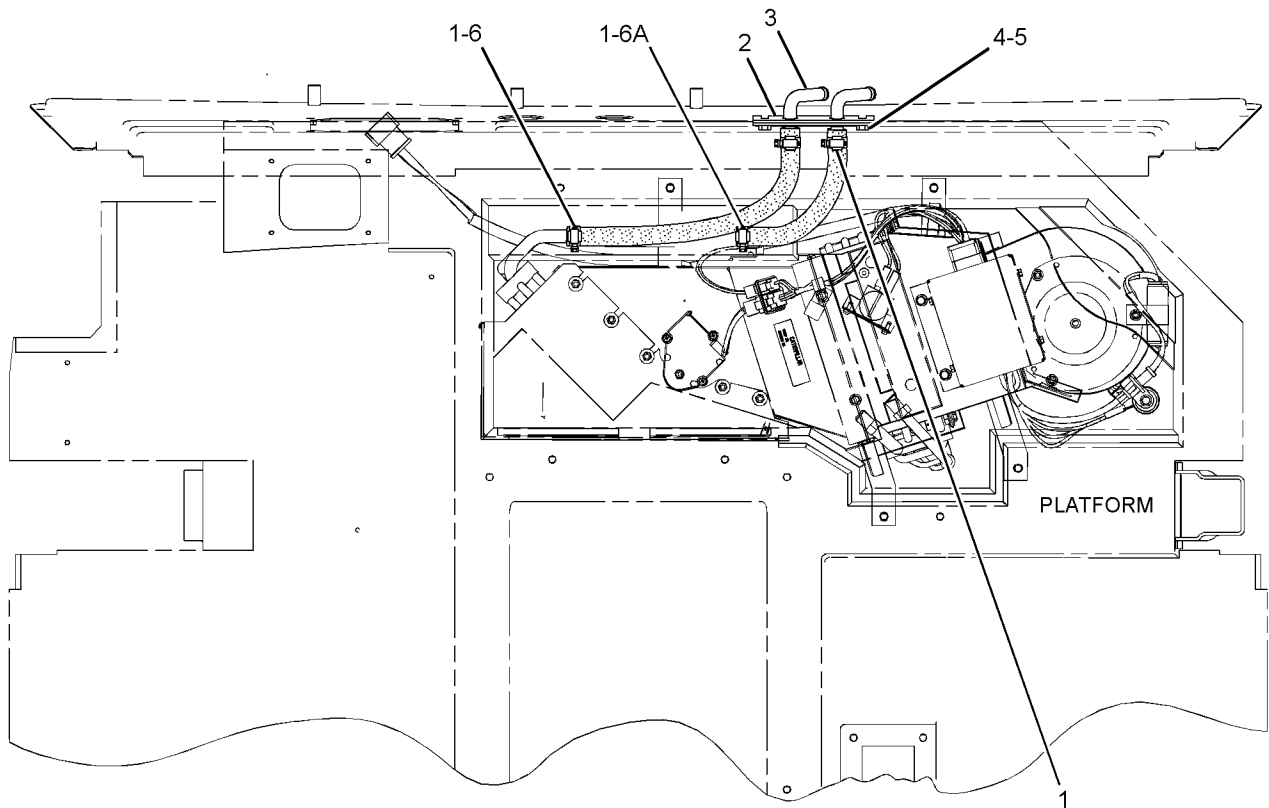
PART OF 215-9501 AIR CONDITIONER GP

SMCS-7304

i02421741

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-2488	4	CLAMP-HOSE						
	2	1	131-7741	1	GASKET						
	3	1	138-8187	1	PLATE AS						
M	4	1	5C-7261	2	NUT (M8X1.25-THD)						
	5	1	8T-4224	2	WASHER-HARD (8.8X16X2-MM THK)						
E	6	1	136-1953		HOSE (38-CM)						
E	6A	1	136-1953		HOSE (23-CM)						

E-ORDER BY THE CENTIMETER
M-METRIC PART



GRAPHIC #1

<END>

g01247443

OPERATOR STATION

6V - 1970 LITERATURE GP

S/N: ASX1-299

PART OF 226-9594 CHASSIS AR

SMCS-7300, 7400

i02300827

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	5P-8500	2	KEY (LITERATURE COMPARTMENT)						
	5P-7958	1	SLEEVE-CABLE SPLICE						
<END>									

OPERATOR STATION

115-1527 MIRROR GP-REAR VIEW

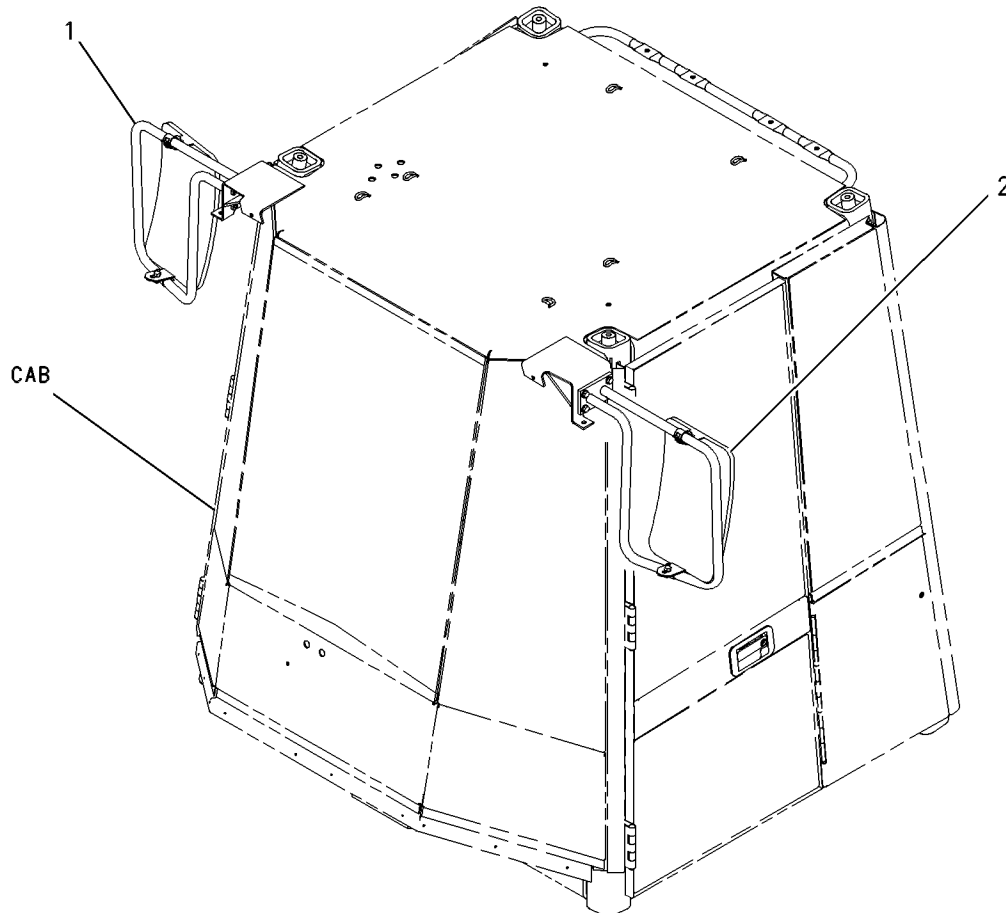
S/N: ASX1-UP

PART OF 226-9594, 300-6281 CHASSIS AR

SMCS-7319

i01144438

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
CY	1	1	166-3416	1	MIRROR GP-REAR VIEW (RH)	834
CY	2	1	166-3417	1	MIRROR GP-REAR VIEW (LH)	835
C- CHANGE FROM PREVIOUS TYPE Y- SEPARATE ILLUSTRATION						



GRAPHIC #1

<END>

g00511388

OPERATOR STATION

166-3416 MIRROR GP-REAR VIEW-RH

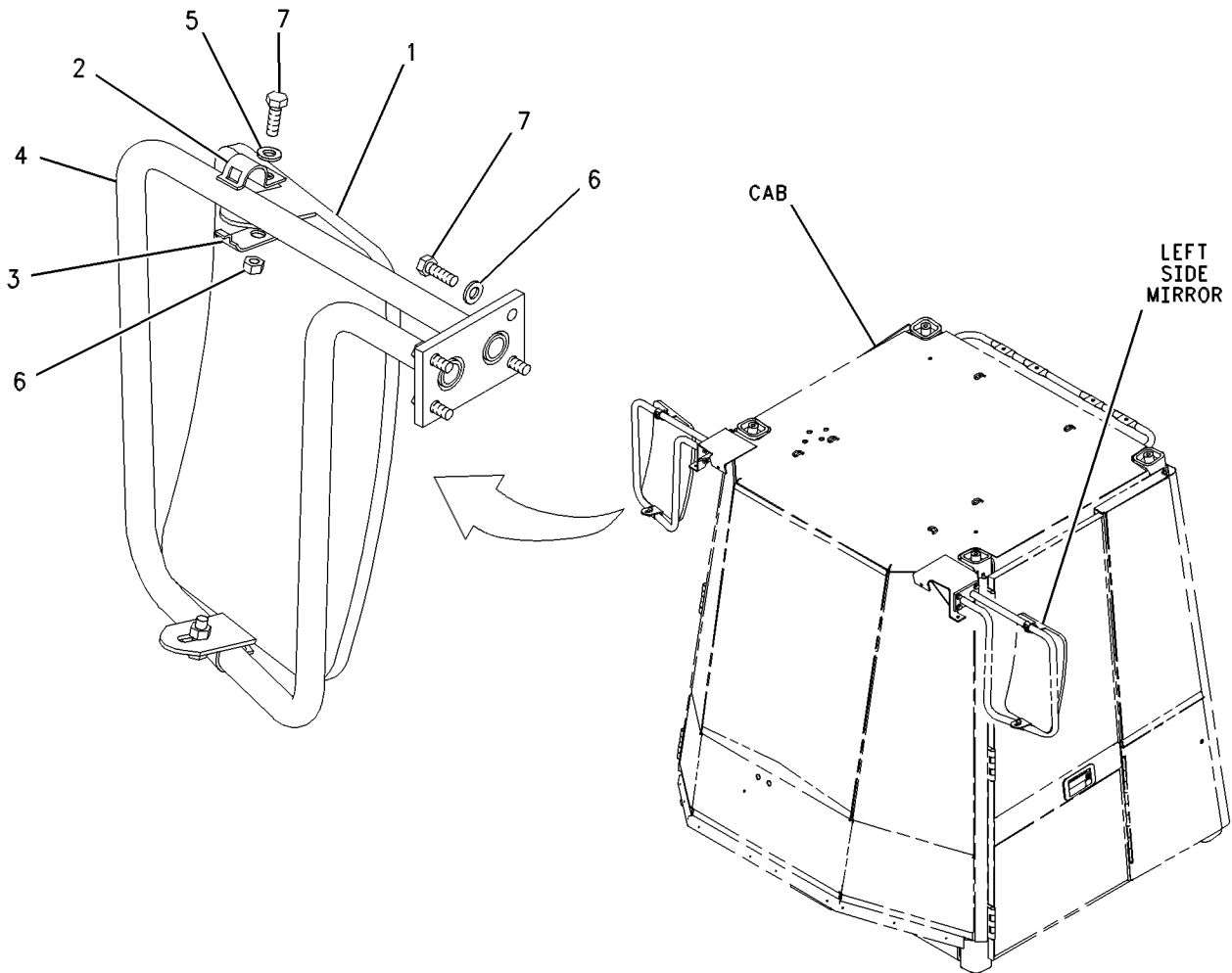
S/N: ASX1-UP

PART OF 115-1527 MIRROR GP-REAR VIEW

SMCS-7319

i00998531

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-6879	1	MIRROR						
	2	1	8T-1889	2	CLIP (SLOT)						
	3	1	8T-1890	2	CLIP (TAB)						
	4	1	154-1981	1	BRACKET AS						
	5	1	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)						
M	6	1	8T-4133	2	NUT (M10X1.5-THD)						
M	7	1	8T-4195	6	BOLT (M10X1.5X30-MM)						
M-METRIC PART											



GRAPHIC #1

<END>

g00511642

OPERATOR STATION

166-3417 MIRROR GP-REAR VIEW-LH

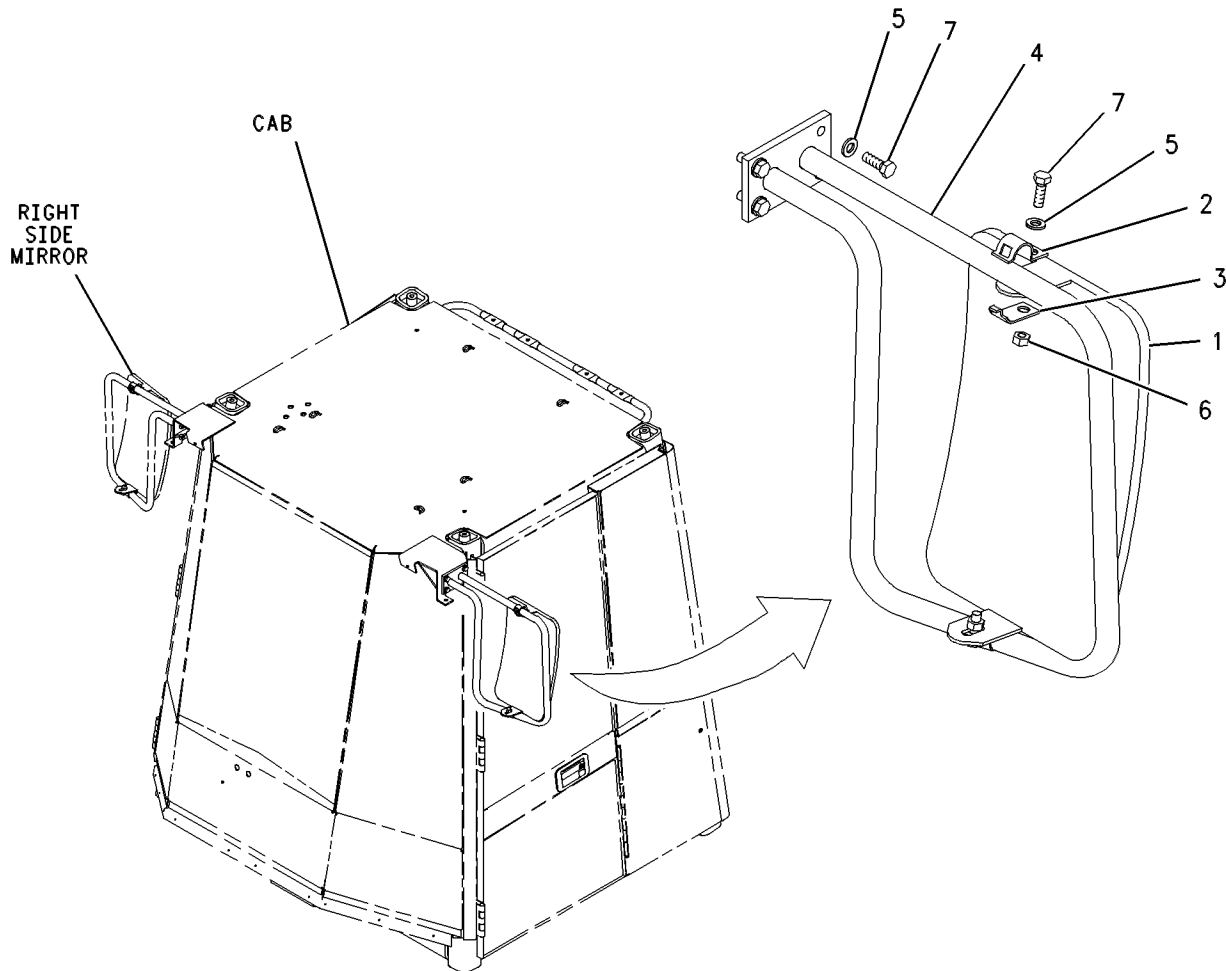
S/N: ASX1-UP

PART OF 115-1527 MIRROR GP-REAR VIEW

SMCS-7319

i00998536

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-6879	1	MIRROR						
	2	1	8T-1889	2	CLIP (SLOT)						
	3	1	8T-1890	2	CLIP (TAB)						
	4	1	154-1982	1	BRACKET AS						
	5	1	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)						
M	6	1	8T-4133	2	NUT (M10X1.5-THD)						
M	7	1	8T-4195	6	BOLT (M10X1.5X30-MM)						
M-METRIC PART											



GRAPHIC #1

<END>

g00511590

OPERATOR STATION

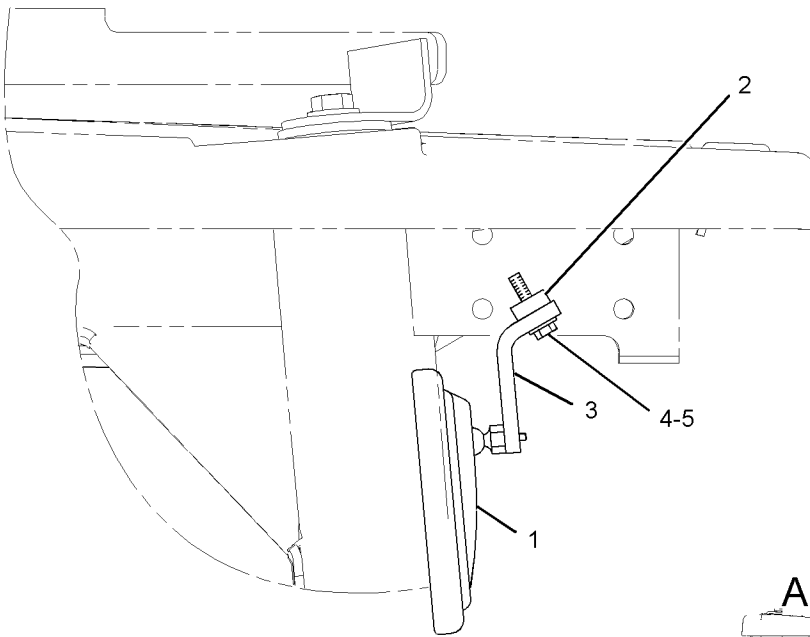
239-0270 MIRROR GP-REAR VIEW

S/N: ASX1-UP
AN ATTACHMENT

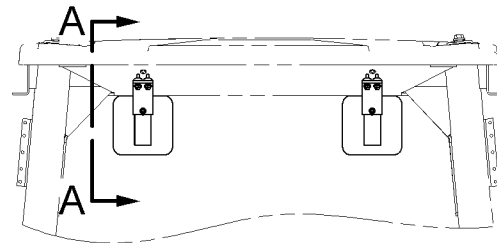
SMCS-7319

i02578291

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-6872	2	MIRROR AS						
					(EACH INCLUDES)						
		1	3K-6060	1	LOCKNUT (3/8-16-THD)						
	2	1	194-8648	4	BOSS						
	3	1	239-7306	2	BRACKET						
	4	1	5P-4116	4	WASHER-HARD (8.8X20.5X2-MM THK)						
M	5	1	6V-5219	4	BOLT (M8X1.25X40-MM)						
M-METRIC PART											



VIEW A-A



FRONT VIEW

GRAPHIC #1

<END>

g01306744

OPERATOR STATION

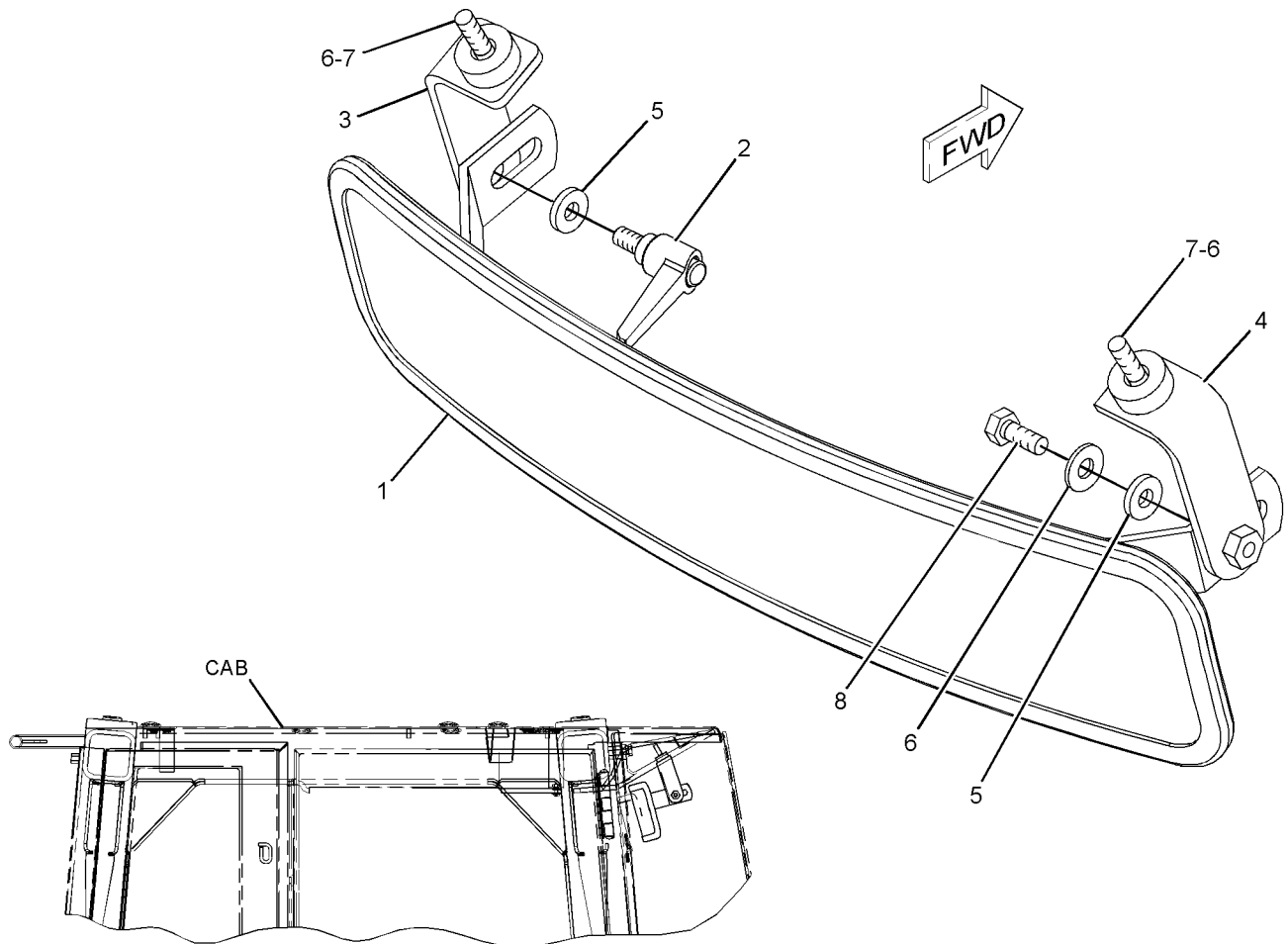
239-0272 MIRROR GP-REAR VIEW

S/N: ASX1-UP
AN ATTACHMENT

SMCS-7319

i01997543

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8Y-4512	1	MIRROR						
	2	1	187-2082	1	LEVER-CONTROL						
	3	1	208-6035	1	SUPPORT AS (LH)						
	4	1	208-6036	1	SUPPORT AS (RH)						
	5	1	187-1878	2	WASHER-PIVOT						
	6	1	5P-4116	3	WASHER-HARD (8.8X20.5X2MM THK)						
M	7	1	6V-5219	2	BOLT (M8X1.25X40MM)						
M	8	1	8T-4189	1	BOLT (M8X1.25X20MM)						
M-METRIC PART											



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g01033753

OPERATOR STATION

166 - 6928 MODULE GP - QUAD GAUGE

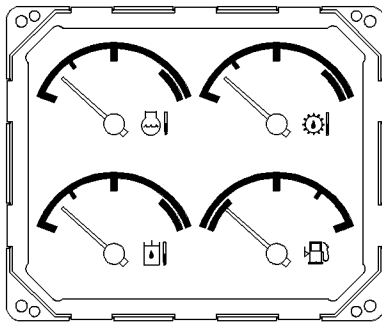
S/N: ASX1-UP

PART OF 235-1051 WIRING GP - CAB

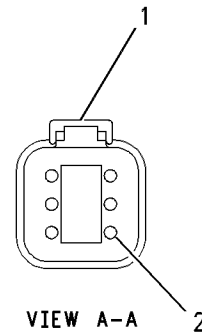
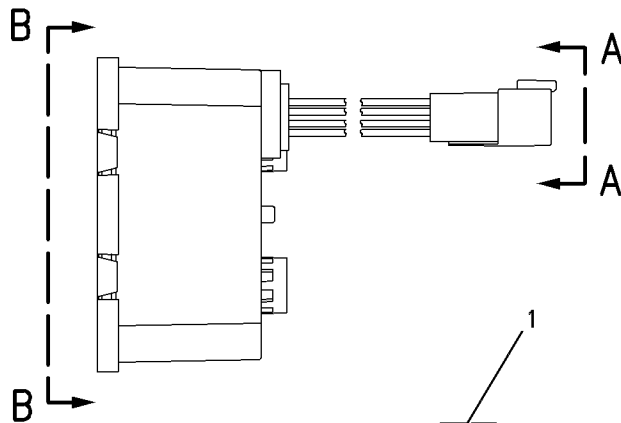
SMCS-7450, 7451, 7490, 7601

i02023668

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	2	1	8T-8729	6	PIN-CONNECTOR						



VIEW B-B



GRAPHIC #1

<END>

g00587276

OPERATOR STATION

306-2110 MONITOR GP-CAMERA

S/N: ASX1-UP

PART OF 285-7424 CAMERA AR
AN ATTACHMENT

SMCS-7347

i02756051

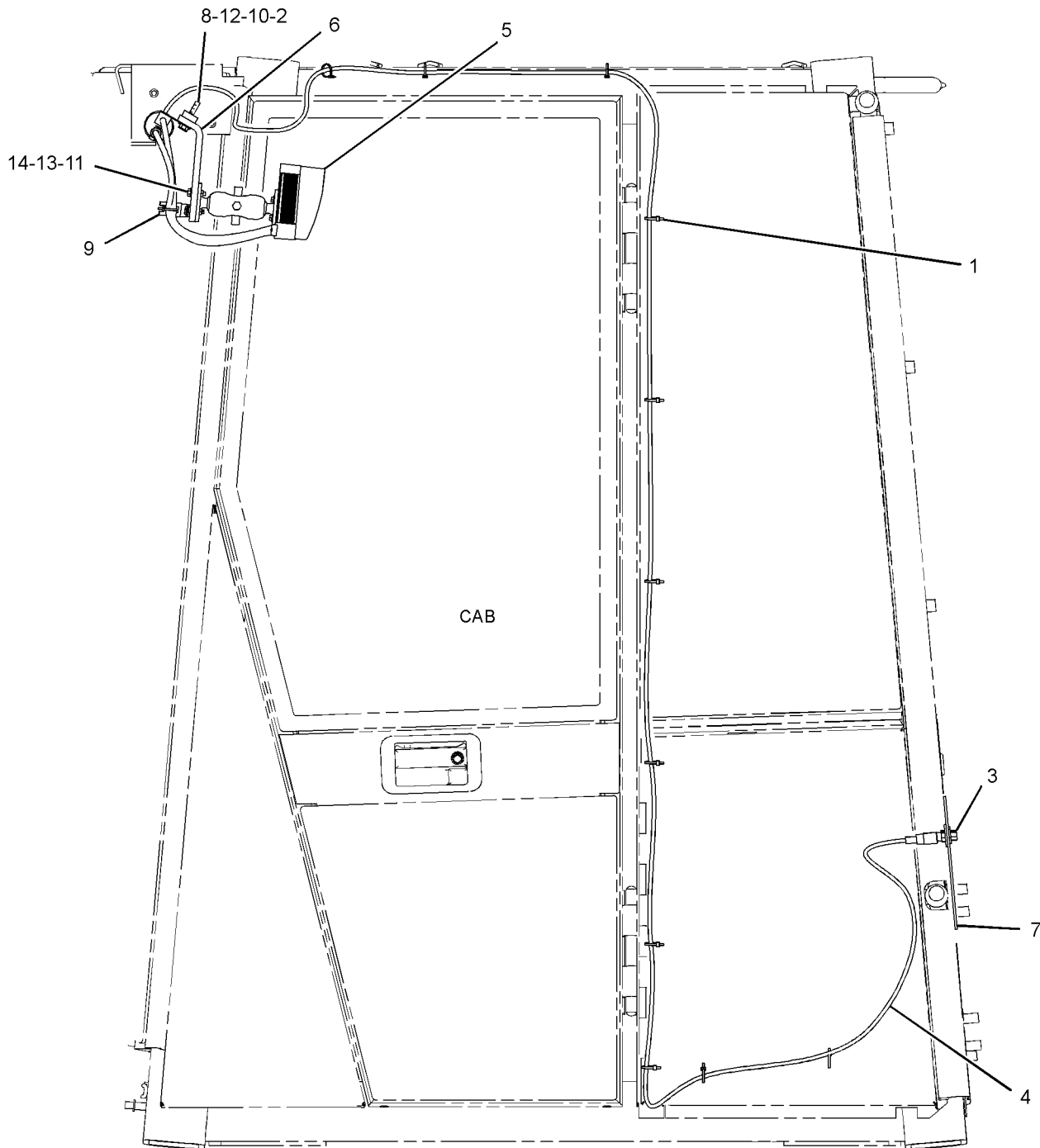
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	13	STRAP-CABLE						
	2	1	194-8648	2	BOSS						
	3	1	251-4243	1	CONNECTOR GP-ELECTRONIC						
	4	1	251-8248	1	CABLE AS-COMMUNICATION (5-M)						
Y	5	1	261-3226	1	DISPLAY GP-CAMERA (WORK AREA VISUAL SYSTEM)						805
	6	1	303-8126	1	BRACKET						
	7	1	306-2228	1	PLATE						
	8	1	130-5300	1	CLIP						
	9	1	132-5789	1	CLIP						
	10	1	5P-4116	2	WASHER-HARD (8.8X20.5X2-MM THK)						
M	11	1	6V-7357	4	BOLT (M6X1X25-MM)						
M	12	1	7X-0818	2	BOLT (M8X1.25X45-MM)						
	13	1	8T-4205	4	WASHER-HARD (7.2X14.5X2-MM THK)						
M	14	1	8T-7964	4	NUT (M6X1-THD)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

OPERATOR STATION

306-2110 MONITOR GP-CAMERA (contd.)

i02756051



LEFT SIDE VIEW

GRAPHIC #1

<END>

g01357282

OPERATOR STATION

155-5789 MOTOR GP-WINDOW WIPER-REAR

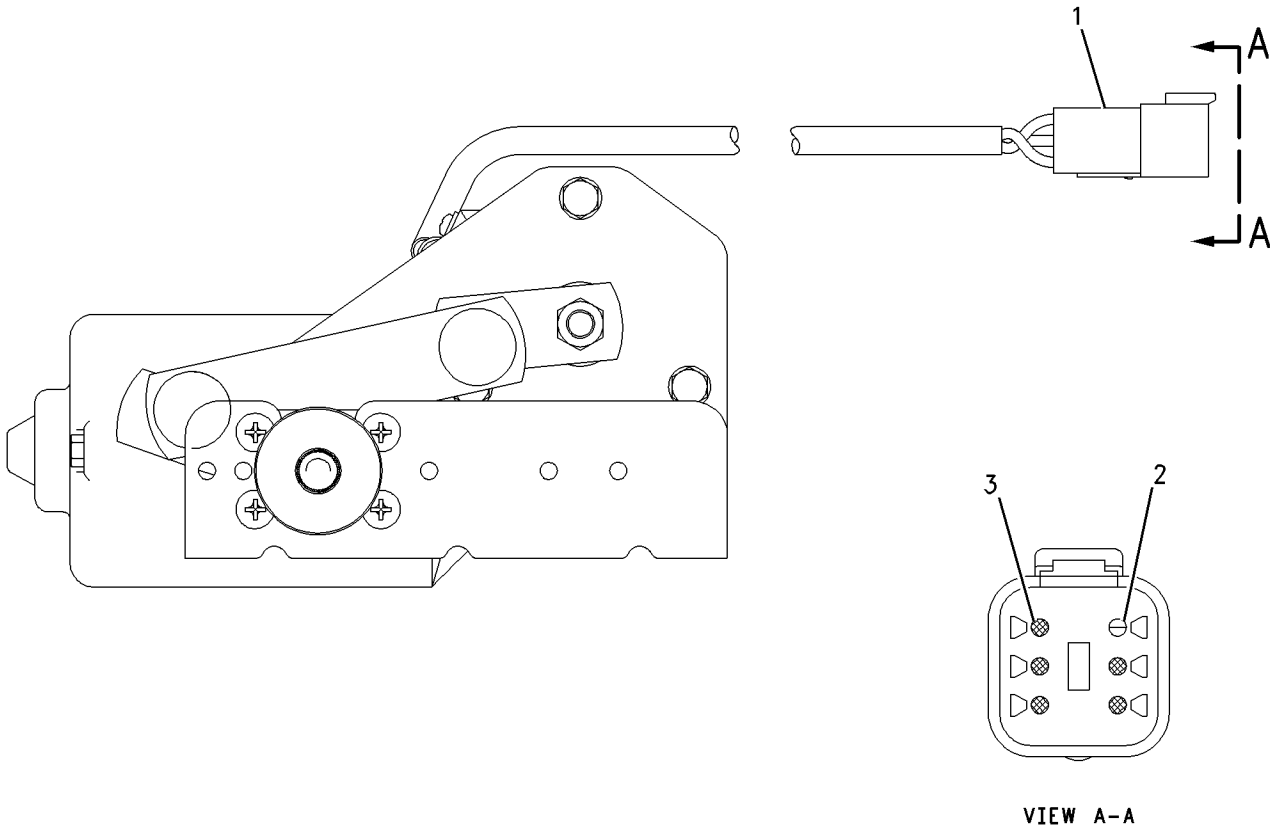
S/N: ASX1-UP

PART OF 109-8196 WIPER GP-WINDOW

SMCS-7305

i02463764

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
	2	1	8T-8737	1	PLUG-SEAL						
	3	1	186-3735	5	PIN-CONNECTOR (16-GA TO 18-GA)						



GRAPHIC #1

<END>

g00665801

OPERATOR STATION

155-5790 MOTOR GP-WINDOW WIPER-FRONT

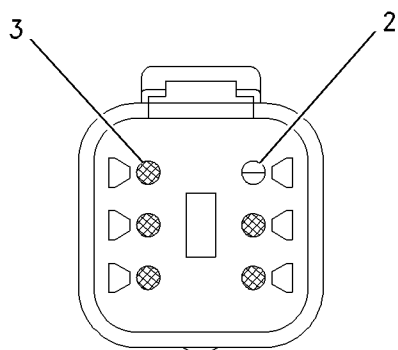
S/N: ASX1-UP

PART OF 109-8196 WIPER GP-WINDOW

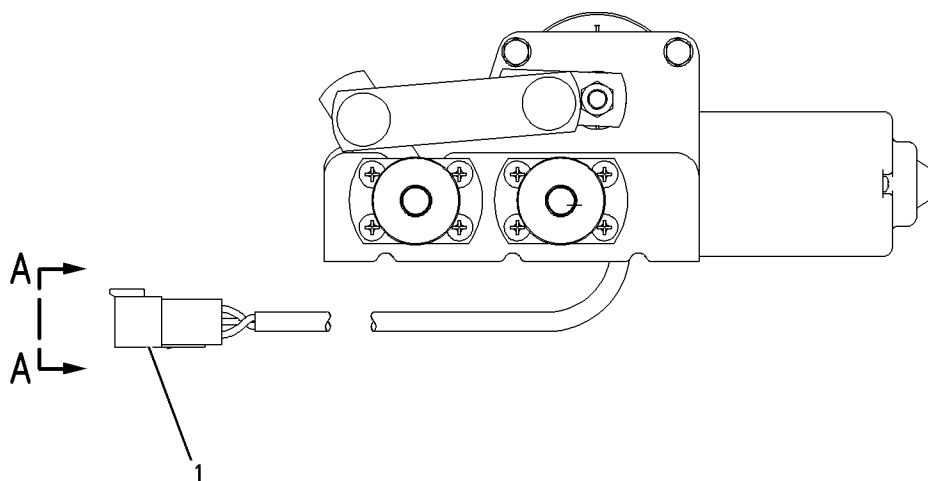
SMCS-7305

i01319138

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
	2	1	8T-8737	1	PLUG-SEAL						
	3	1	8T-8729	5	PIN-CONNECTOR						



VIEW A-A



GRAPHIC #1

<END>

g00668134

OPERATOR STATION

304-4212 MOUNTING GP-ANTENNA

S/N: ASX1-UP

AN ATTACHMENT

SMCS-7338, 7606

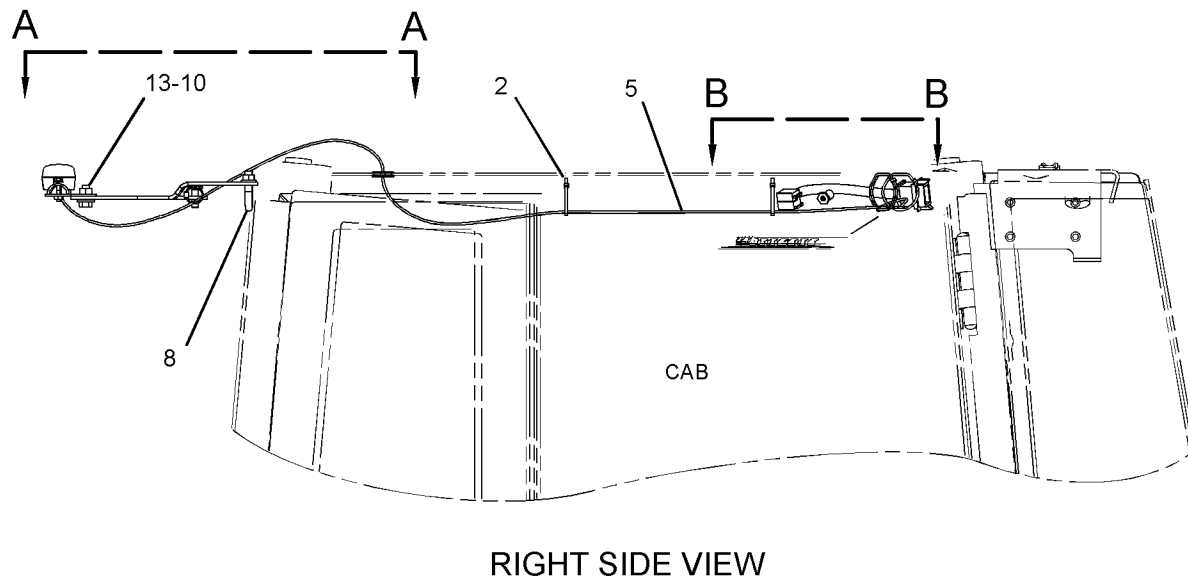
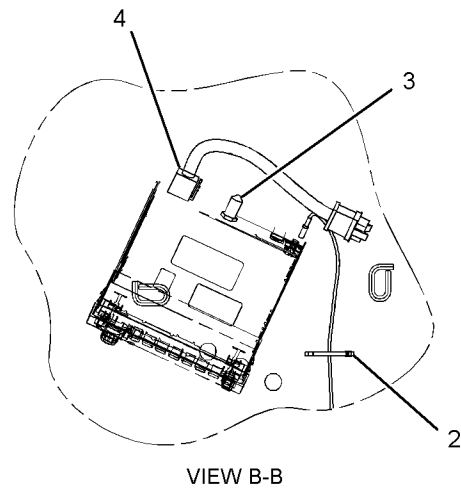
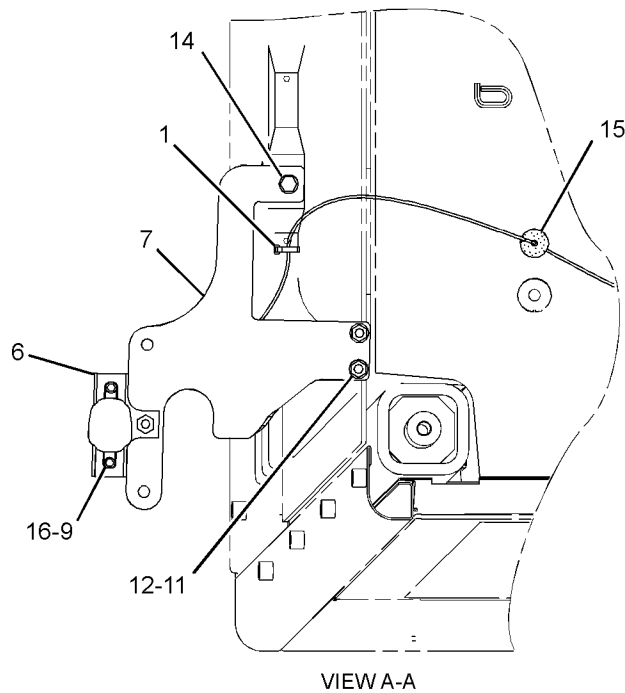
i02673394

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	6	STRAP - CABLE						
	3	1	136-5490	1	BUSHING (RADIO MOUNT)						
	4	1	200-5728	1	HARNESS AS-RADIO						
		1	160-3518	1	KIT-RECEPTACLE (8-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
	5	1	284-9055	1	ANTENNA AS						
	6	1	296-7575	1	PLATE AS						
	7	1	304-4173	1	BRACKET						
	8	1	122-8705	1	U-BOLT						
M	9	1	6V-2313	2	BOLT (M5X0.8X30-MM)						
	10	1	7X-7729	1	WASHER (11X25X3-MM THK)						
	11	1	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)						
M	12	1	8T-4133	2	NUT (M10X1.5-THD)						
M	13	1	8T-4136	1	BOLT (M10X1.5X25-MM)						
M	14	1	8T-4195	1	BOLT (M10X1.5X30-MM)						
	15	1	9G-1307	1	GROMMET						
	16	1	9X-8256	2	WASHER (6.6X12X2-MM THK)						
M-METRIC PART											

OPERATOR STATION

304-4212 MOUNTING GP-ANTENNA (contd.)

i02673394



GRAPHIC #1

<END>

g01355205

OPERATOR STATION

187-3673 MOUNTING GP - CAB

S/N: ASX1-299

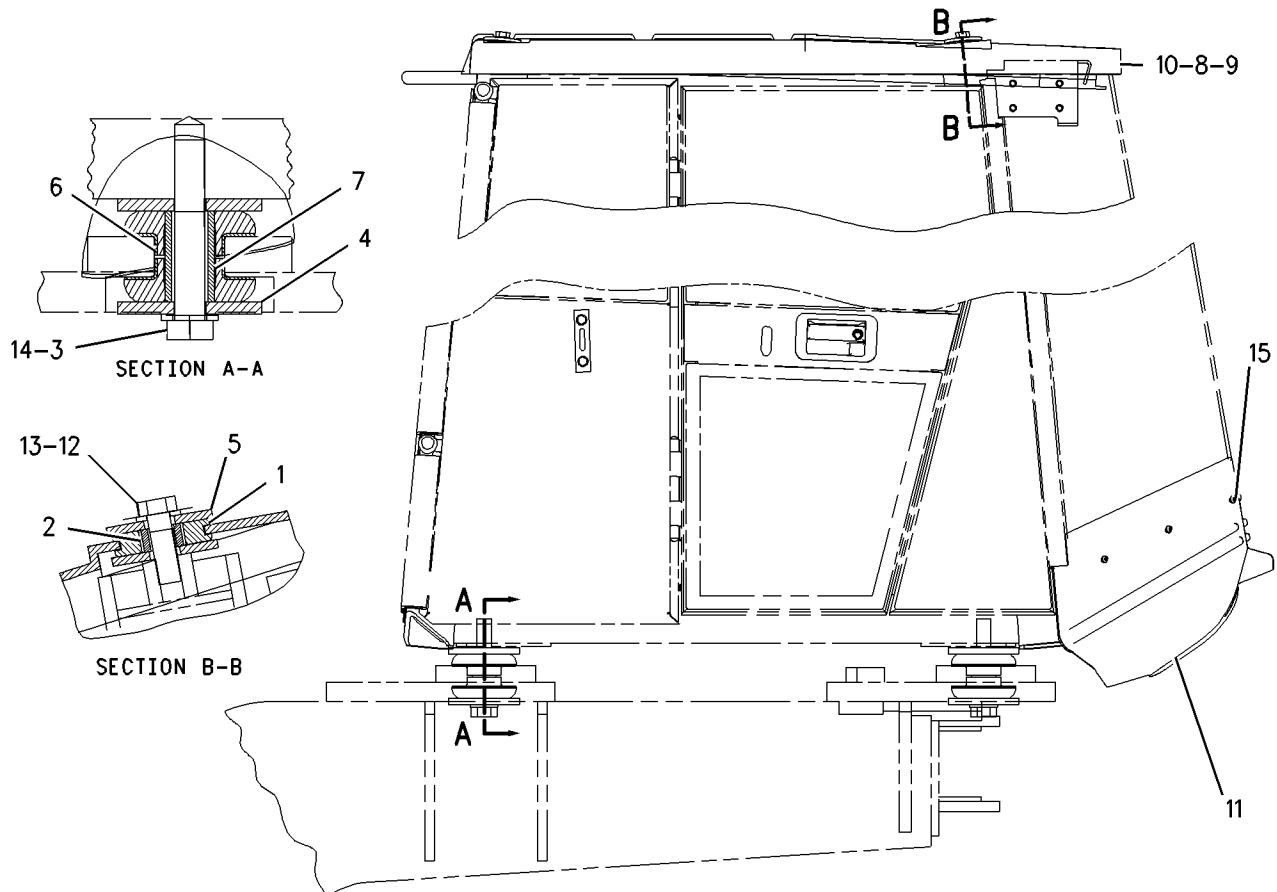
PART OF 229-5009 OPERATOR AR

SMCS-7301

i01460439

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6D-5729	4	GROMMET						
	2	1	6P-8875	4	SPACER (19X28.5X16-MM THK)						
	3	1	7X-0593	4	WASHER-HARD (34X57X6-MM THK)						
	4	1	9U-0512	8	WASHER (32X144X12-MM THK)						
	5	1	107-3157	8	WASHER (22X76.2X6-MM THK)						
	6	1	117-8131	8	MOUNT AS						
	7	1	133-1618	4	SLEEVE						
	8	1	174-2407	1	INSULATION						
	9	1	174-2408	1	INSULATION						
	10	1	199-5510	1	ROOF						
	11	1	179-4428	1	SHROUD						
	12	1	8T-4122	4	WASHER-HARD (17X32X3.5-MM THK)						
M	13	1	8T-4193	4	BOLT (M16X2X50-MM)						
M	14	1	8T-6624	4	BOLT (M30X3.5X180-MM)						
M	15	1	9X-2045	10	SCREW-TRUSS HEAD (M6X1X20-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g00761937

OPERATOR STATION

292-6891 MOUNTING GP-CAB

S/N: ASX300-UP

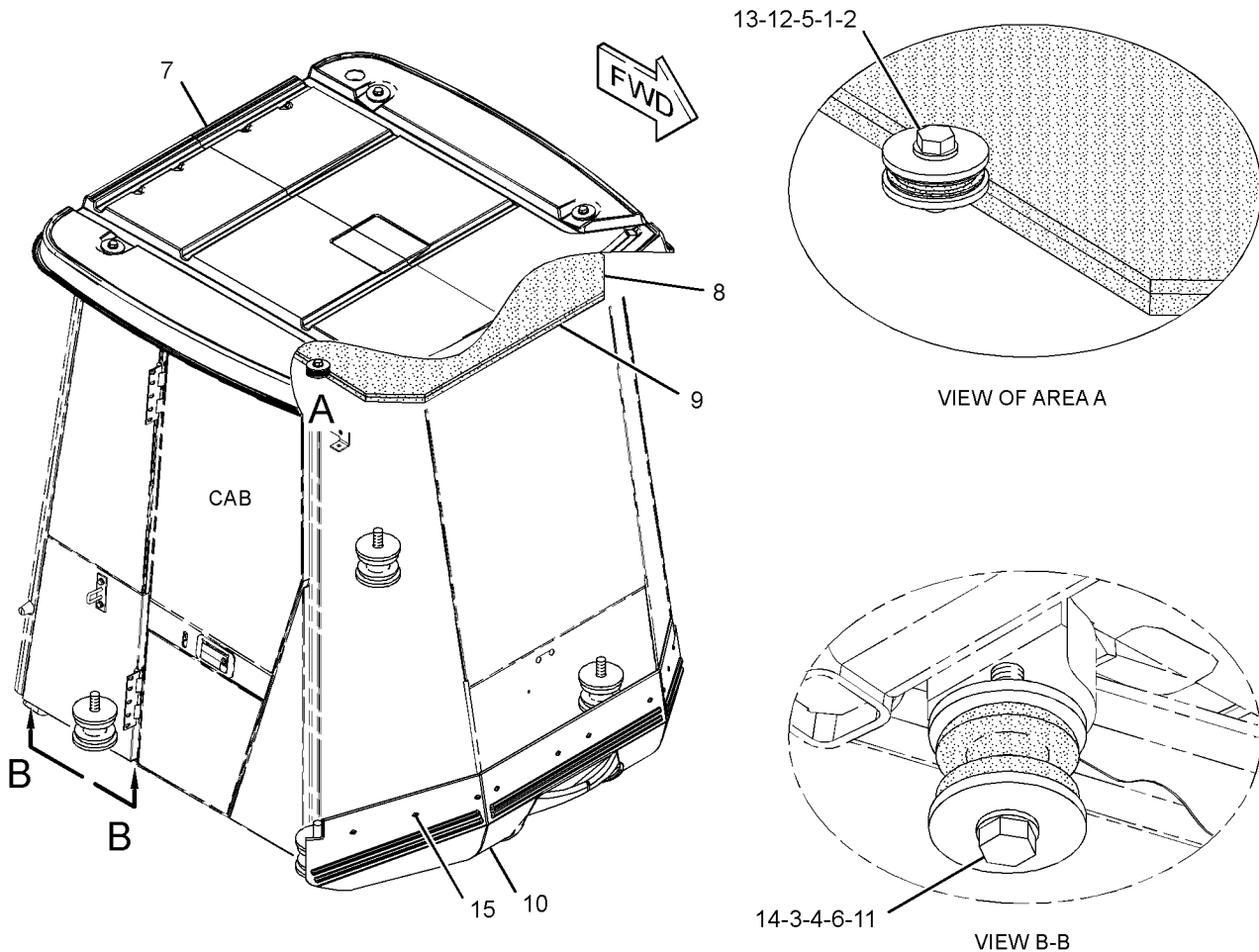
PART OF 292-6070 OPERATOR AR

SMCS-7301

i02730643

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	197-5470	4	GROMMET						
	2	1	196-0436	4	SPACER (25X40X12-MM THK)						
	3	1	7X-0593	4	WASHER-HARD (34X57X6-MM THK)						
	4	1	9U-0512	8	WASHER (32X144X12-MM THK)						
	5	1	107-3157	8	WASHER (22X76.2X6-MM THK)						
	6	1	117-8131	8	MOUNT AS						
	7	1	173-2118	1	ROOF						
	8	1	174-2407	1	INSULATION						
	9	1	174-2408	1	INSULATION						
	10	1	179-4428	1	SHROUD						
	11	1	242-6098	8	SLEEVE						
	12	1	8T-4122	4	WASHER-HARD (17X32X3.5-MM THK)						
M	13	1	8T-4193	4	BOLT (M16X2X50-MM)						
M	14	1	8T-6624	4	BOLT (M30X3.5X180-MM)						
M	15	1	9X-2045	10	SCREW-TRUSS HEAD (M6X1X20-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01361828

OPERATOR STATION

229-5009 OPERATOR AR

S/N: ASX1-299

PART OF 226-9588 GENERAL AR

SMCS-7301

i01983166

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	229-5015	1	CAB AR						791
Y	183-5775	1	INSTALLATION GP-CONTROLS						813
Y	187-3673	1	MOUNTING GP-CAB						845
Y-SEPARATE ILLUSTRATION									

<END>

292-6070 OPERATOR AR

S/N: ASX300-UP

PART OF 226-9588 GENERAL AR

SMCS-7301

i02682917

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	292-6101	1	CAB AR						791
Y	183-5775	1	INSTALLATION GP-CONTROLS						813
Y	292-6891	1	MOUNTING GP-CAB						846
Y-SEPARATE ILLUSTRATION									

<END>

OPERATOR STATION

178-0604 PAN GP-BACKREST-CLOTH

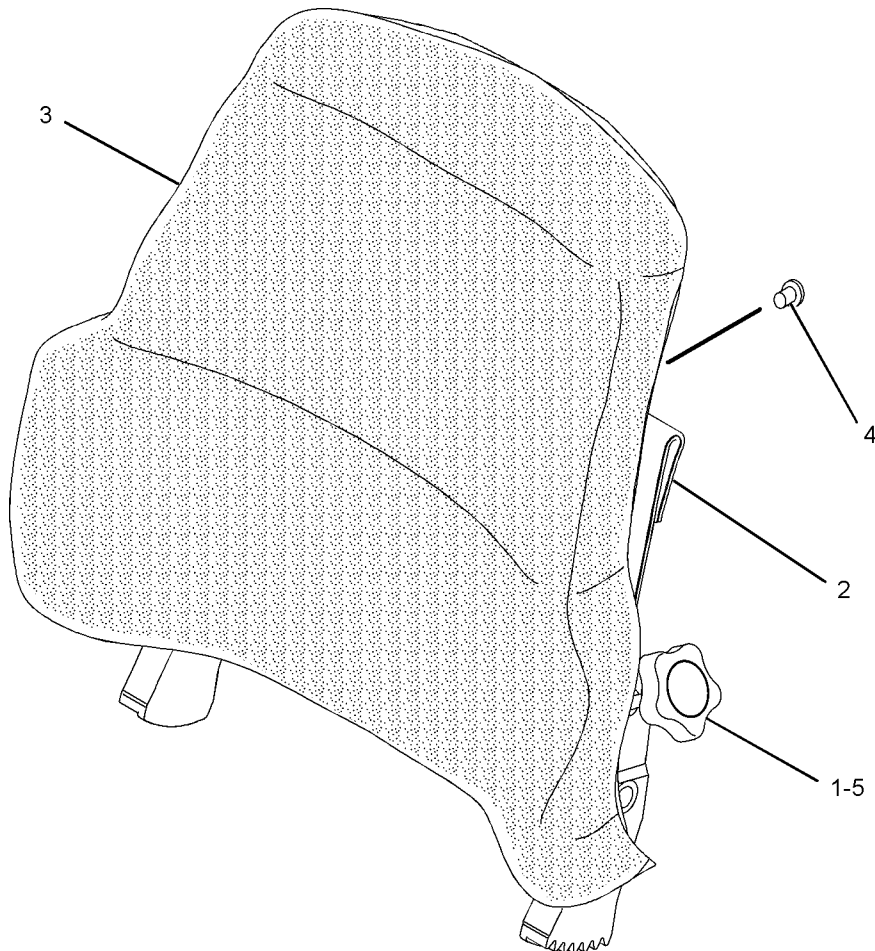
S/N: ASX1-UP

PART OF 178-0603 SEAT GP

SMCS-7312

i02267748

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	164-4883	1	KNOB-LUMBAR	
Y	2	1	178-0605	1	PAN GP-BACKREST (CLOTH)	849
	3	1	233-6745	1	CUSHION AS (CLOTH)	
	4	1	250-4628	3	PLUG	
	5	1	8T-7566	1	PIN-SPRING	
Y-SEPARATE ILLUSTRATION						



GRAPHIC #1

<END>

g01092296

OPERATOR STATION

178-0605 PAN GP-BACKREST

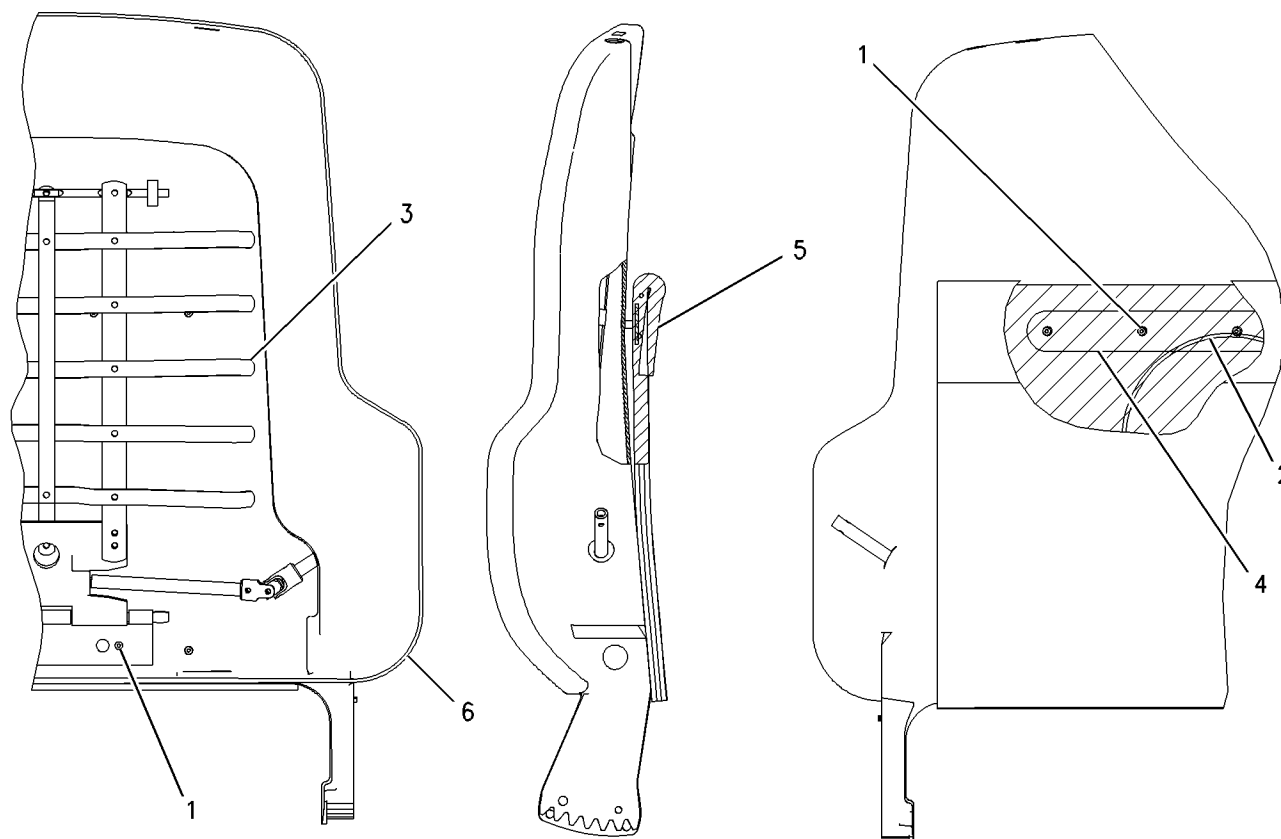
S/N: ASX1-UP

PART OF 178-0604 PAN GP-BACKREST

SMCS-7312

i02475257

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4K-9429	8	RIVET-POP						
	2	1	5P-7957	1	LANYARD						
	3	1	136-1543	1	PLATE AS-LUMBAR						
	4	1	173-2052	1	RETAINER						
	5	1	178-7907	1	HOLDER						
	6	1	261-5694	1	PAN AS-BACK						



GRAPHIC #1

<END>

g00716497

OPERATOR STATION

292 - 6402 PAN GP - BACKREST

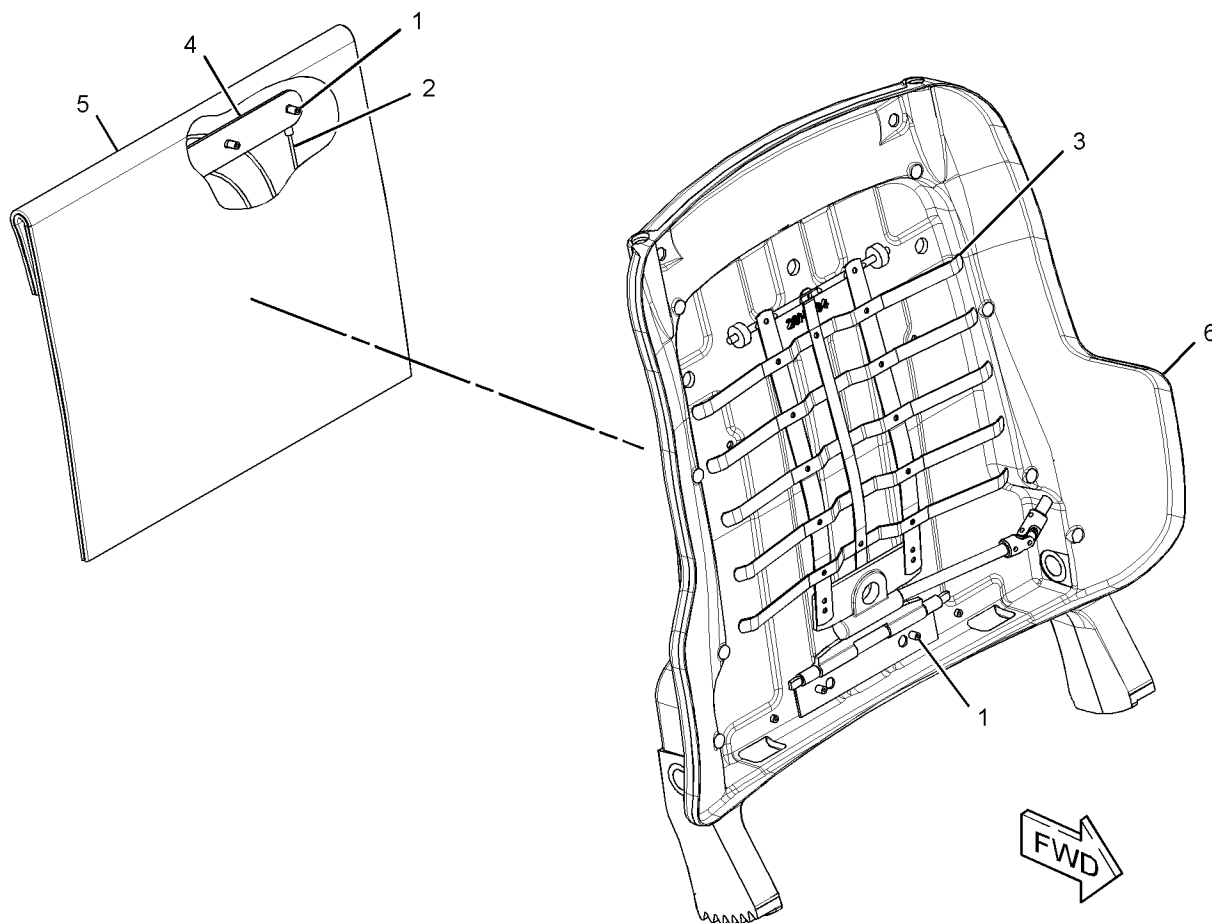
S/N: ASX1-UP

PART OF 292-9237 PAN GP - BACKREST

SMCS-7312

i02577774

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4K-9429	8	RIVET-POP						
	2	1	5P-7957	1	LANYARD						
	3	1	136-1543	1	PLATE AS-LUMBAR						
	4	1	173-2052	1	RETAINER						
	5	1	178-7907	1	HOLDER						
	6	1	261-5694	1	PAN AS-BACK						



GRAPHIC #1

<END>

g01304232

OPERATOR STATION

292 - 9237 PAN GP - BACKREST-CLOTH

S/N: ASX1-UP

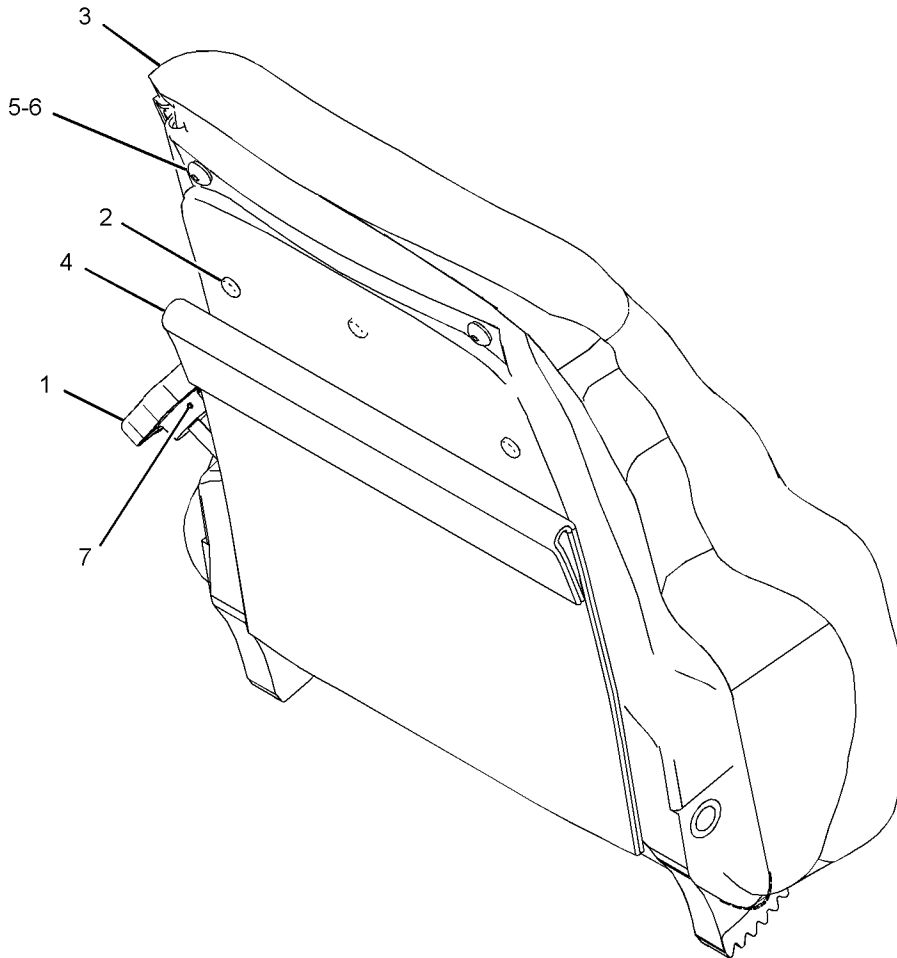
PART OF 178-0603 SEAT GP

SMCS-7312

i02649684

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	164-4883	1	KNOB - LUMBAR						
	2	1	250-4628	3	PLUG						
	3	1	292-6097	1	CUSHION AS-BACK						
Y	4	1	292-6402	1	PAN GP-BACKREST						850
	5	1	5P-0537	2	WASHER-HARD (7.2X14.5X2-MM THK)						
	6	1	6V-8969	2	SCREW-BUTTON HEAD (1/4-20X0.5-IN)						
	7	1	8T-7566	1	PIN-SPRING						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01336870

OPERATOR STATION

241 - 5785 PAN GP - SEAT

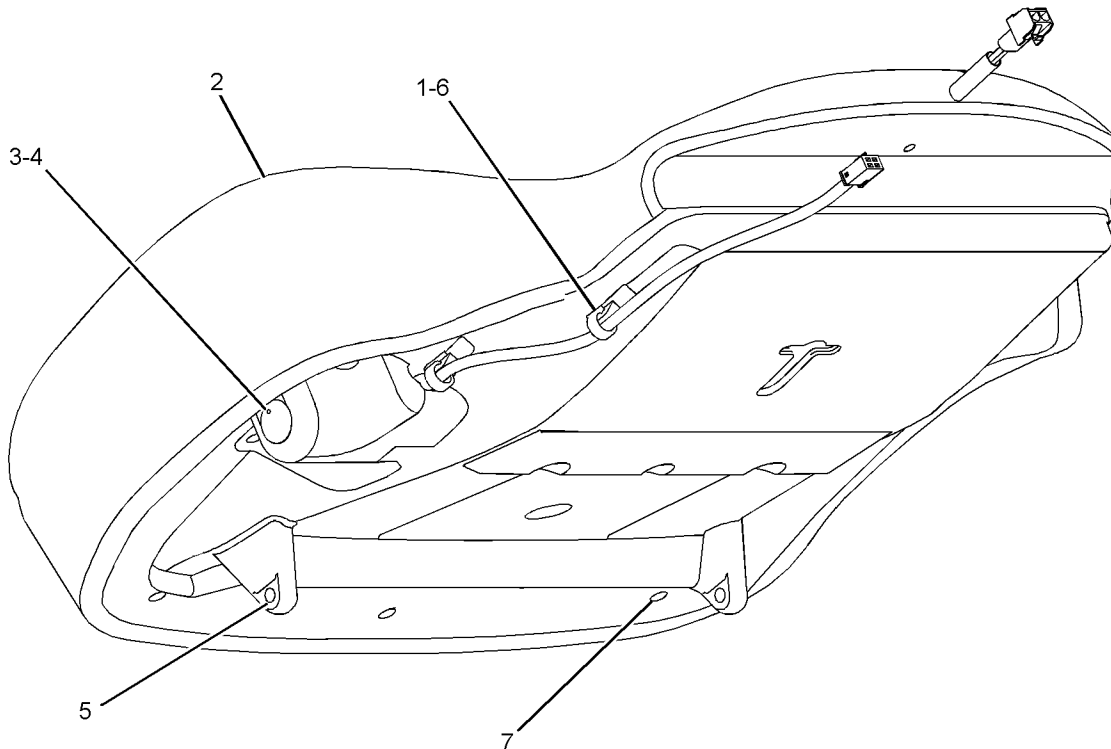
S/N: ASX1-UP

PART OF 231-4581 KIT-SEAT CUSHION
AN ATTACHMENT

SMCS-7312

i02757228

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	246-4304	1	CUSHION AS-SEAT						
	3	1	246-4306	1	HOUSING-SWITCH						
	4	1	246-4307	1	HARNESS AS-WIRING (HEATED SEAT)						
	5	1	262-1352	1	PAN-SEAT						
	6	1	266-9281	2	CLIP						
	7	1	8T-9082	6	RIVET-POP						



GRAPHIC #1

<END>

g01260044

OPERATOR STATION

234-9744 PANEL GP- INSTRUMENT-LOWER

S/N: ASX1-UP

PART OF 229-5015, 292-6101 CAB AR

SMCS-7451

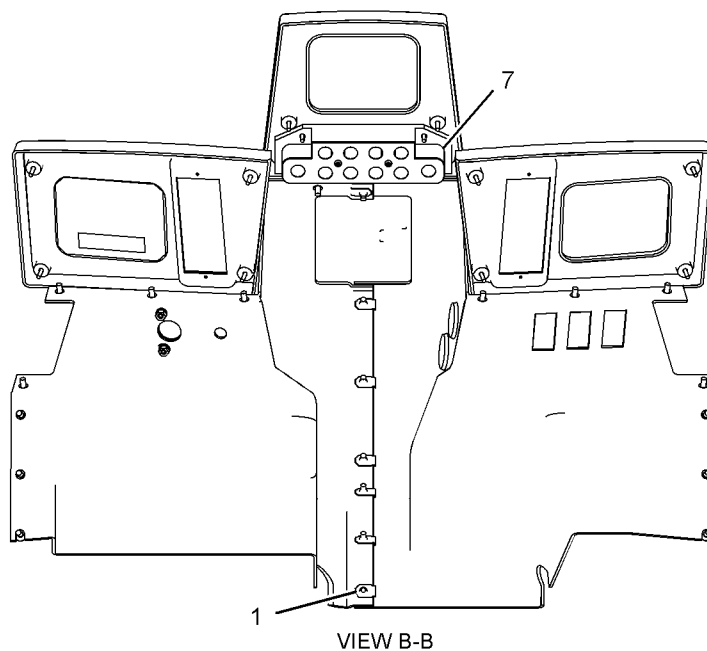
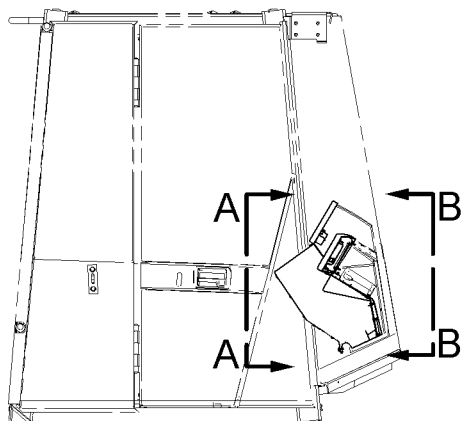
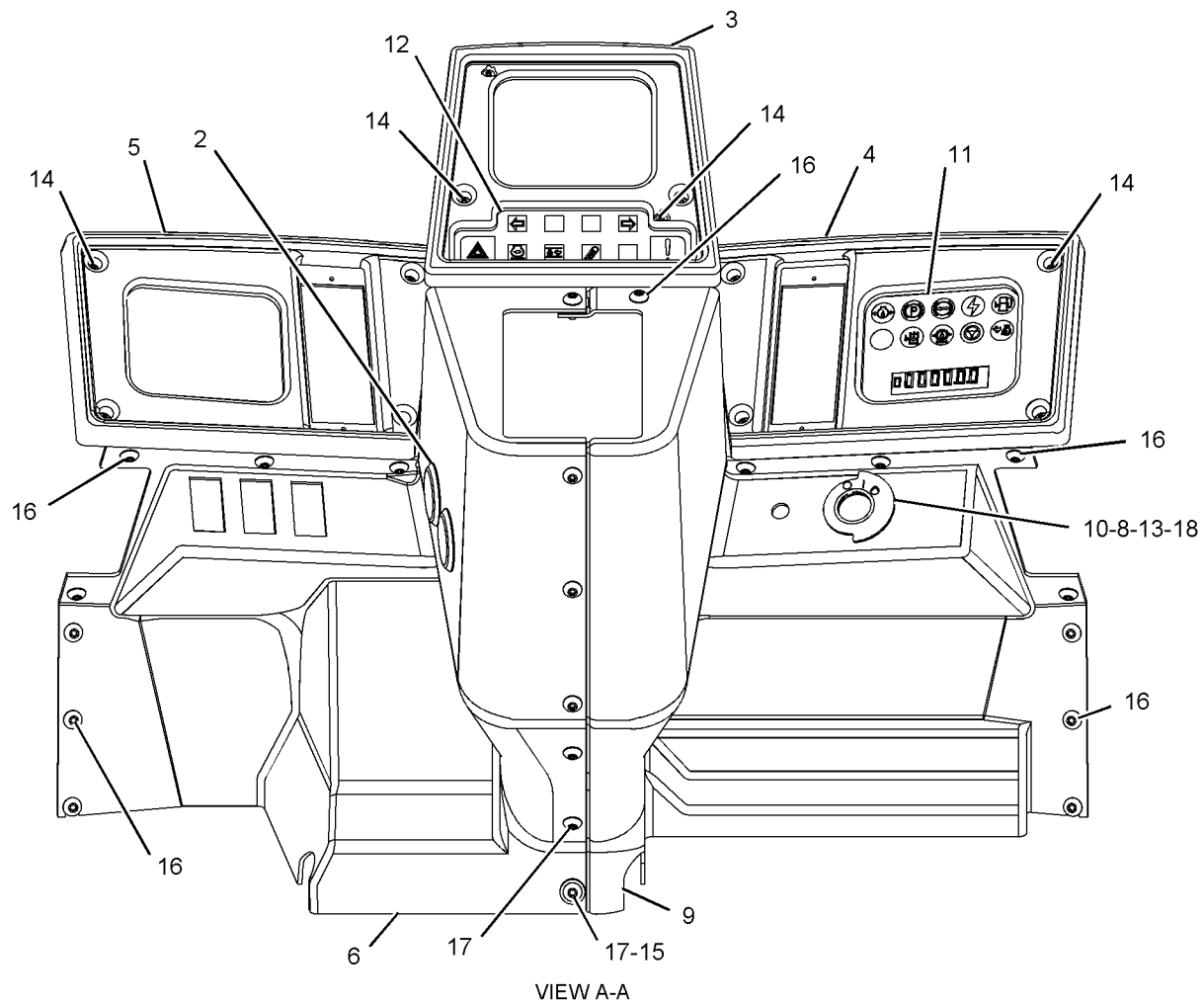
i01987327

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4E-8722	7	NUT						
	2	1	6V-1790	2	PLUG-BUTTON						
	3	1	110-4215	1	BEZEL (CENTER)						
	4	1	110-4216	1	BEZEL (RH)						
	5	1	110-4217	1	BEZEL (LH)						
	6	1	112-4211	1	COVER (LH)						
	7	1	112-5927	1	MODULE GP-LIGHT (PANEL ACTION LAMPS)						
		1	110-4218	1	MODULE AS-LIGHT						
M		1	7X-3319	2	SCREW-HEX SOCKET (M4X0.7X6-MM)						
		1	112-5928	1	PLATE						
	8	1	129-7184	1	FILM-INSTRUCTION (ENGINE START)						
	9	1	163-7310	1	COVER (RH)						
	10	1	203-6481	1	PLATE AS						
	11	1	215-9656	1	FILM-MONITOR						
	12	1	240-0624	1	FILM-INDICATOR						
M	13	1	5C-2890	2	NUT (M6X1-THD)						
M	14	1	9X-1046	12	SCREW (M4X0.7X18-MM)						
	15	1	9X-2038	2	WASHER (7X19X2-MM THK)						
M	16	1	9X-2042	15	SCREW-TRUSS HEAD (M6X1X12-MM)						
M	17	1	9X-2044	7	SCREW-TRUSS HEAD (M6X1X16-MM)						
	18	1	9X-8267	2	WASHER (6.6X12X2-MM THK)						
M-METRIC PART											

OPERATOR STATION

234-9744 PANEL GP - INSTRUMENT (contd.)

i01987327



<END>

GRAPHIC #1

g01031643

OPERATOR STATION

234-9747 PANEL GP - INSTRUMENT-UPPER

S/N: ASX1-221

PART OF 229-5015 CAB AR

SMCS-7451

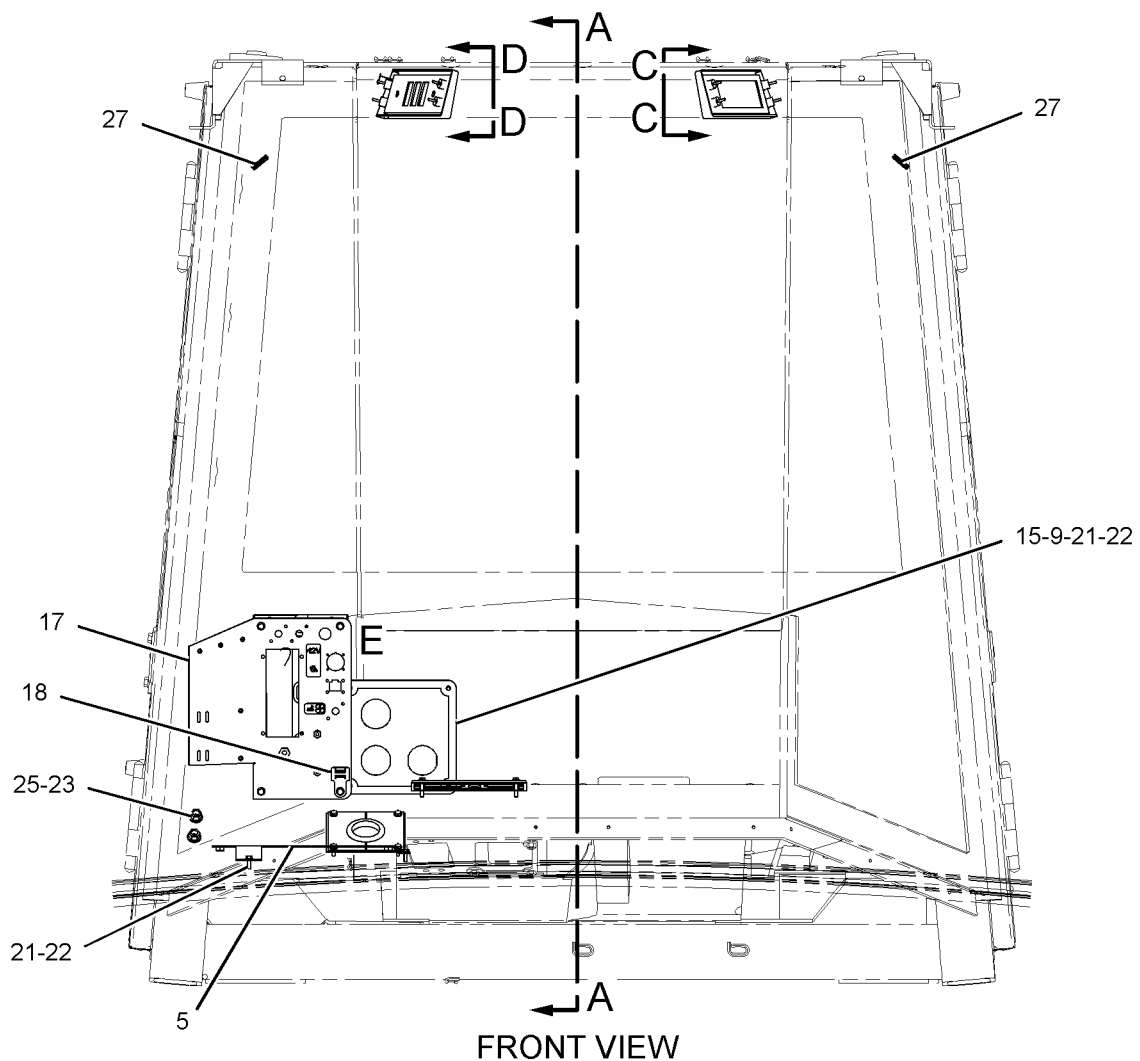
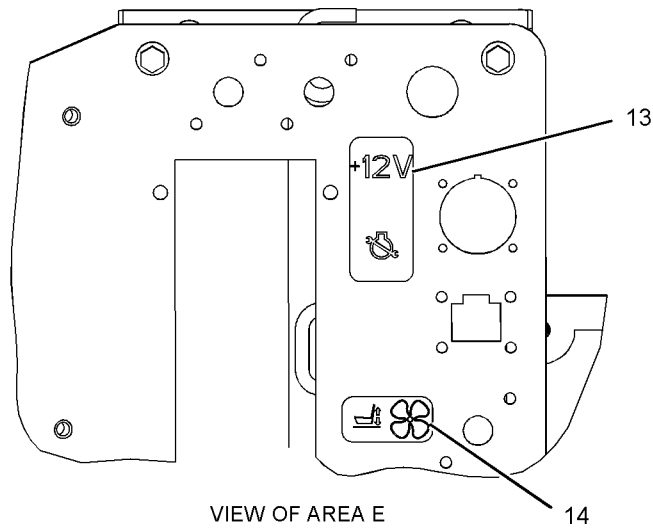
i01990266

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	104-2091	2	SCREW-FLAT HEAD (NO 6X0.5-IN)						
	2	2	112-5420	1	BEZEL (LH)						
	3	2	112-5421	1	STRIP						
	4	2	112-5574	1	FILM-SWITCH PANEL						
	5	1	114-9253	1	BRACKET AS						
M		1	8T-3612	4	NUT-WELD (M8X1.25-THD)						
	6	2	116-0434	1	FILM-UPPER PANEL (RH-FRONT)						
	7	2	122-4429	1	PLATE						
	8	2	122-9854	1	GASKET						
	9	1	123-2896	1	GASKET						
	10	2	123-4627	1	GASKET						
	11	2	123-4628	2	PLATE						
	12	2	183-9312	1	BEZEL (RH)						
	13	1	187-6646	1	FILM-SERVICE						
	14	1	187-6647	1	FILM-CONTROLS (SEAT, FAN)						
	15	1	199-9724	1	PLATE						
	16	2	240-7673	1	BRACKET AS						
M		2	6V-9632	4	NUT-WELD (M6X1-THD)						
		2	7T-1099	3	LINK						
	17	1	240-7674	1	PANEL AS						
M		1	6V-9632	7	NUT-WELD (M6X1-THD)						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	18	1	130-5300	1	CLIP						
	19	2	2S-1647	1	GROMMET						
M	20	2	5C-7261	4	NUT (M8X1.25-THD)						
M	21	1,2	8T-4138	16	BOLT (M6X1X20-MM)						
	22	1,2	8T-4205	20	WASHER-HARD (7.2X14.5X2-MM THK)						
	23	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						
	24	2	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)						
M	25	1	8T-4244	2	NUT (M12X1.75-THD)						
M	26	2	8T-4970	4	BOLT (M6X1X14-MM)						
	27	1	9G-2673	2	GROMMET						
M	28	2	9X-1046	12	SCREW (M4X0.7X18-MM)						
M-METRIC PART											

OPERATOR STATION

234-9747 PANEL GP - INSTRUMENT (contd.)

i01990266



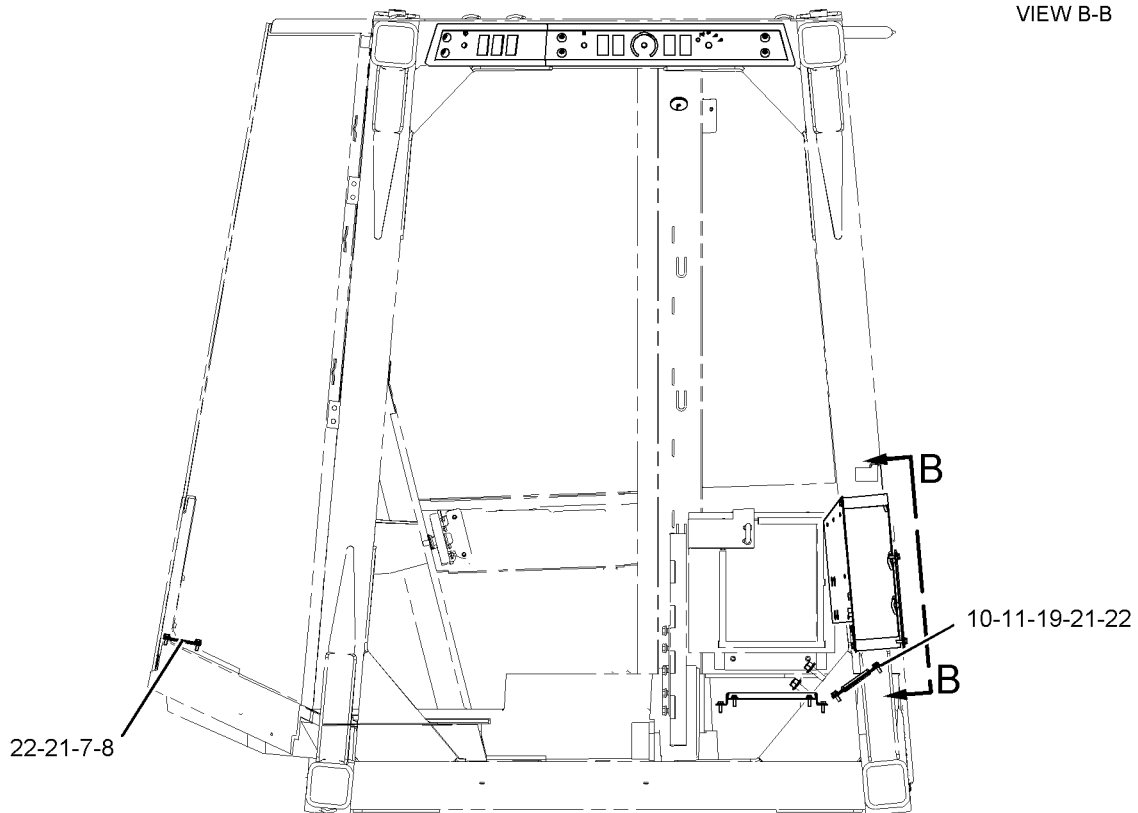
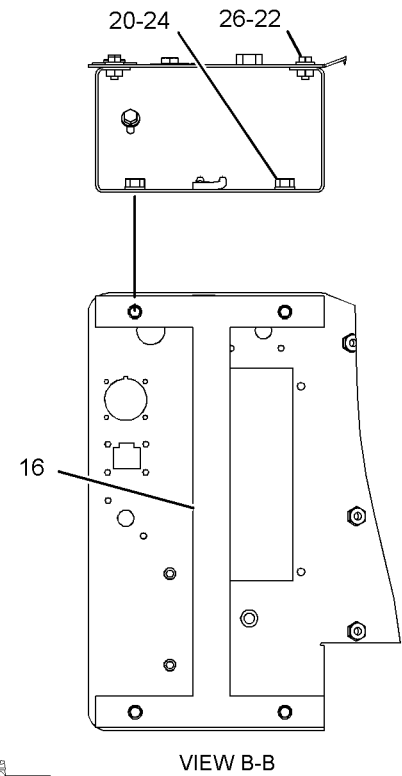
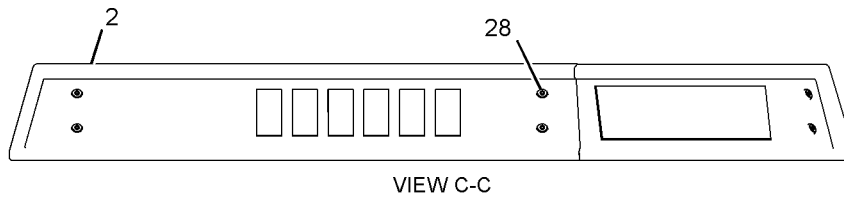
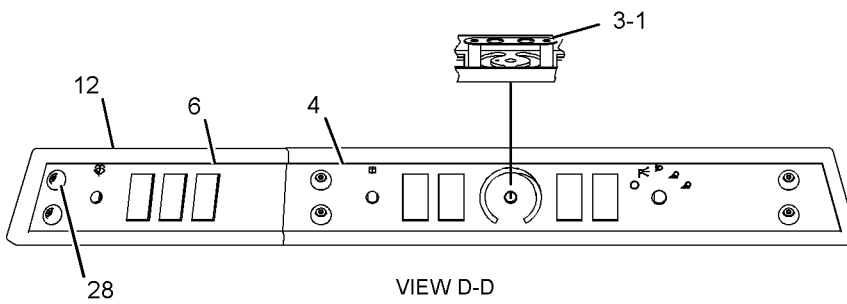
GRAPHIC #1

g01031892

OPERATOR STATION

234-9747 PANEL GP - INSTRUMENT (contd.)

i01990266



GRAPHIC #2

<END>

g01031894

OPERATOR STATION

234-9747 PANEL GP - INSTRUMENT-UPPER

S/N: ASX222-UP

PART OF 229-5015, 292-6101 CAB AR

SMCS-7451

i02578312

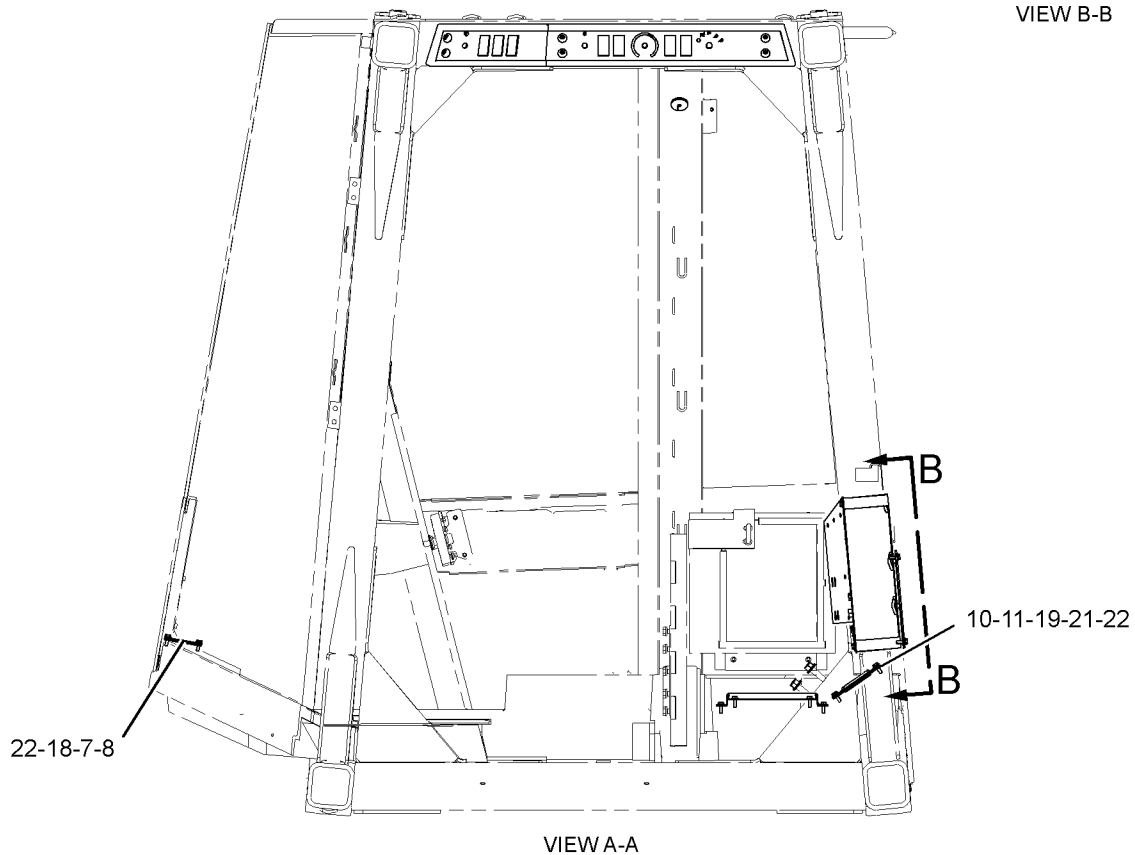
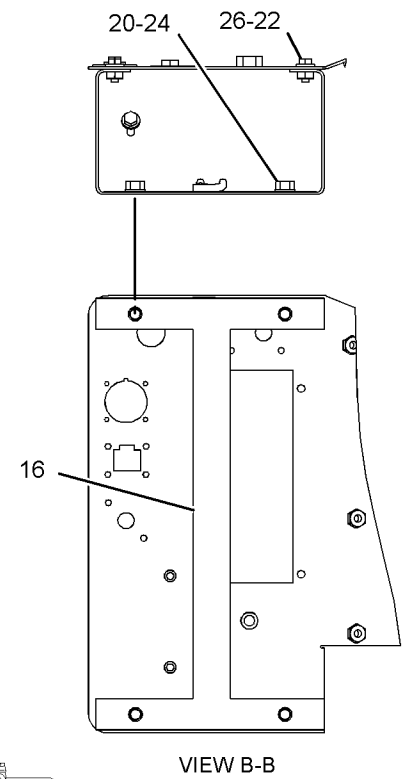
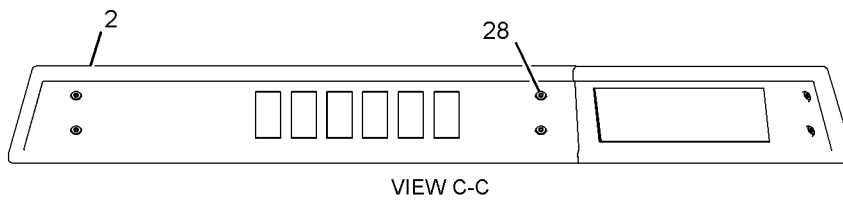
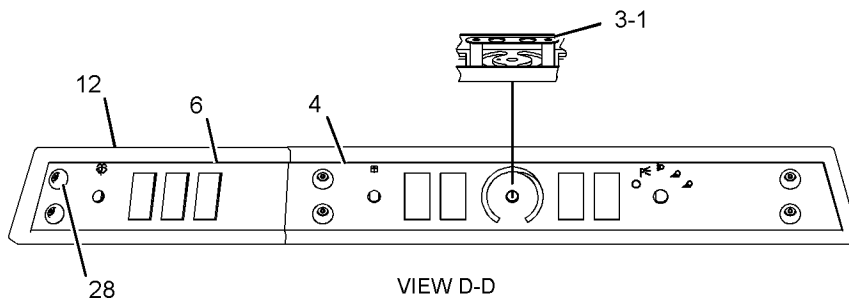
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	104-2091	2	SCREW-FLAT HEAD (NO 6X0.5-IN)						
	2	1	112-5420	1	BEZEL (LH)						
	3	1	112-5421	1	STRIP						
	4	1	112-5574	1	FILM-SWITCH PANEL						
	5	2	114-9253	1	BRACKET AS						
M		2	8T-3612	4	NUT-WELD (M8X1.25-THD)						
	6	1	116-0434	1	FILM-UPPER PANEL (RH-FRONT)						
	7	1	122-4429	1	PLATE						
	8	1	122-9854	1	GASKET						
	9	2	123-2896	1	GASKET						
	10	1	123-4627	1	GASKET						
	11	1	123-4628	2	PLATE						
	12	1	183-9312	1	BEZEL (RH)						
	13	2	187-6646	1	FILM-SERVICE						
	14	2	187-6647	1	FILM-CONTROLS (SEAT, FAN)						
	15	2	199-9724	1	PLATE						
	16	1	240-7673	1	BRACKET AS						
M		1	6V-9632	4	NUT-WELD (M6X1-THD)						
		1	7T-1099	3	LINK						
	17	2	240-7674	1	PANEL AS						
M		2	6V-9632	7	NUT-WELD (M6X1-THD)						
M		2	8T-3490	1	NUT-WELD (M10X1.5-THD)						
CM	18	1	6V-7357	4	BOLT (M6X1X25-MM)						
	19	1	2S-1647	1	GROMMET						
M	20	1	5C-7261	4	NUT (M8X1.25-THD)						
CM	21	1,2	8T-4138	12	BOLT (M6X1X20-MM)						
	22	1,2	8T-4205	20	WASHER-HARD (7.2X14.5X2-MM THK)						
	23	2	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						
	24	1	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)						
M	25	2	8T-4244	2	NUT (M12X1.75-THD)						
M	26	1	8T-4970	4	BOLT (M6X1X14-MM)						
	27	2	9G-2673	2	GROMMET						
CM	28	1	7Y-7256	12	SCREW-TRUSS HEAD (M4X0.7-MM)						

C- CHANGE FROM PREVIOUS TYPE
M- METRIC PART

OPERATOR STATION

234-9747 PANEL GP - INSTRUMENT (contd.)

i02578312



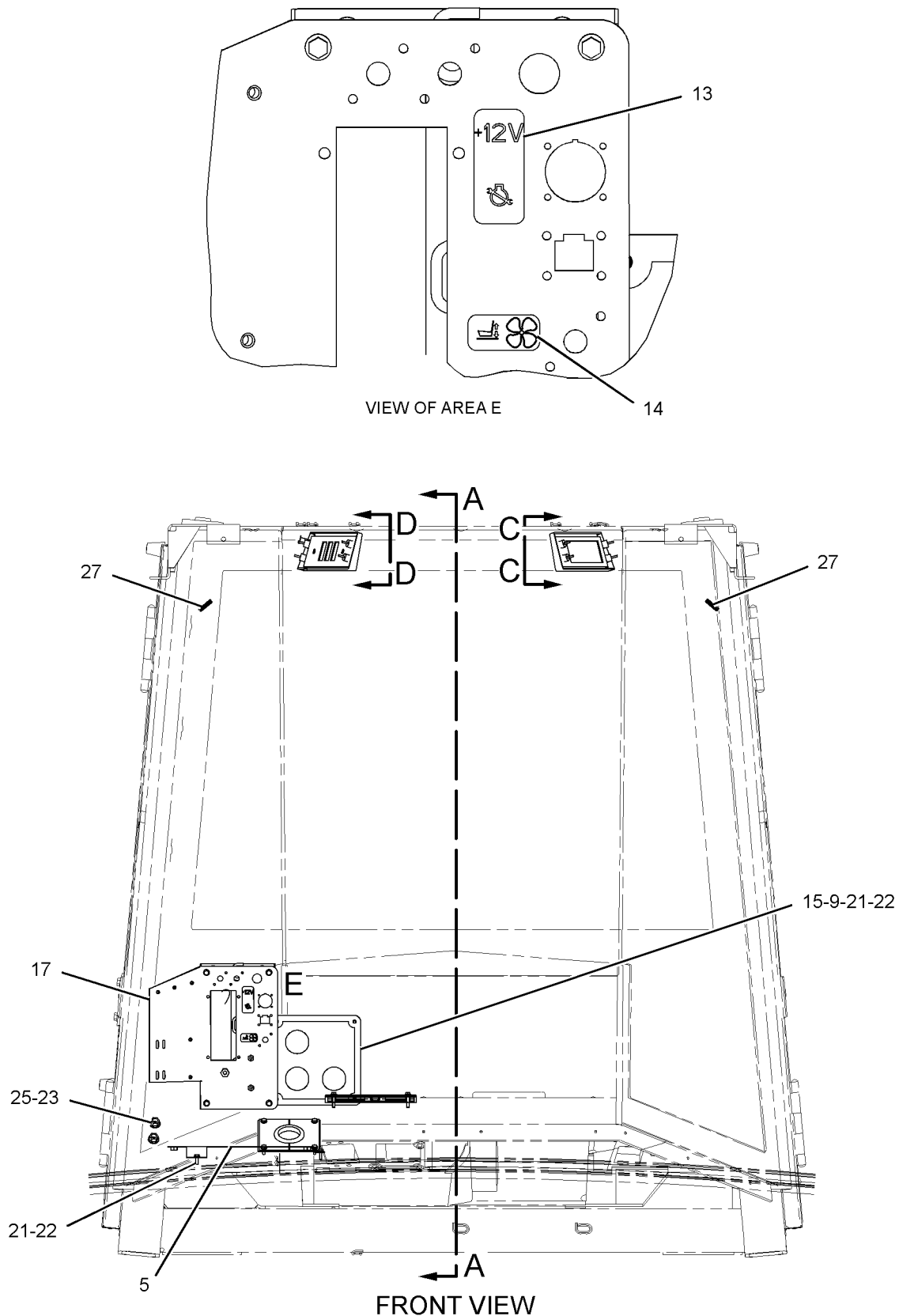
GRAPHIC #1

g01299493

OPERATOR STATION

234-9747 PANEL GP - INSTRUMENT (contd.)

i02578312



GRAPHIC #2

<END>

g01299490

OPERATOR STATION

130-8176 PEDAL GP-GOVERNOR

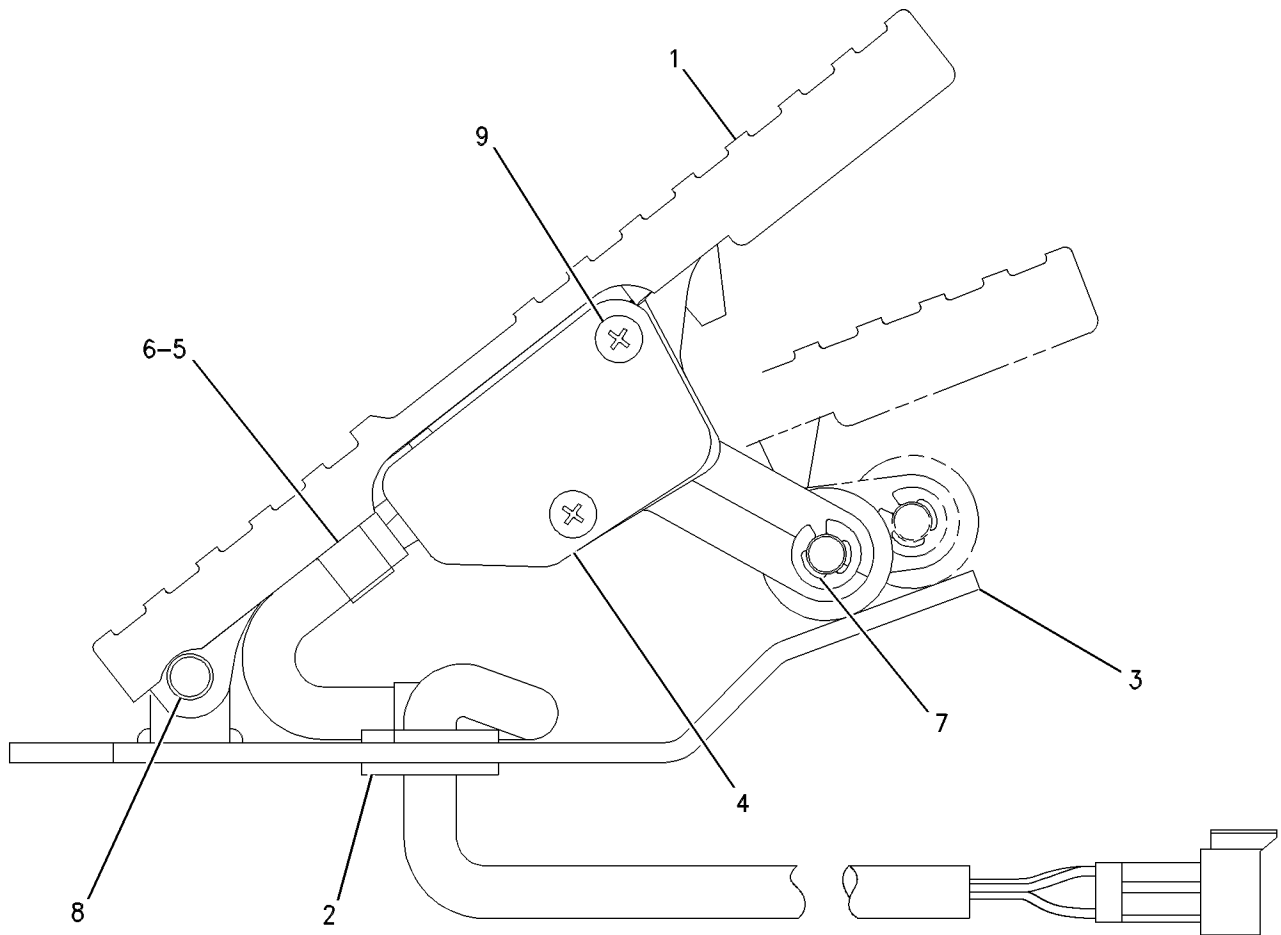
S/N: ASX1-UP

PART OF 141-4645 PEDAL GP-GOVERNOR

SMCS-1276

i02505214

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	123-9431	1	COVER						
	2	1	7G-7053	1	GROMMET						
	3	1	160-6353	1	PLATE AS						
Y	4	1	204-7949	1	SENSOR GP-POSITION (ROTARY) (THROTTLE)						263
	5	1	160-6365	2	SCREW						
	6	1	160-6366	2	CLIP						
	7	1	140-2961	1	KIT-ROLLER						
					(KIT INCLUDES SNAP RING, ROLLER AND ROLLER PIN)						
	8	1	274-9189	1	KIT-TREADLE PIN						
					(KIT INCLUDES BUSHINGS, PIN, AND PUSH NUT)						
	9	1	140-2963	2	SCREW						
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g00495129

OPERATOR STATION

141-4645 PEDAL GP-GOVERNOR

S/N: ASX1-UP

PART OF 229-5015, 292-6101 CAB AR

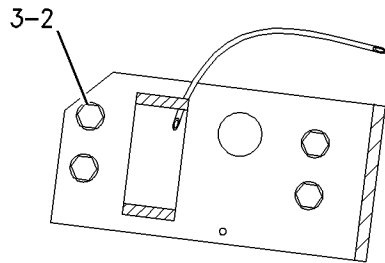
SMCS-1276

i01501848

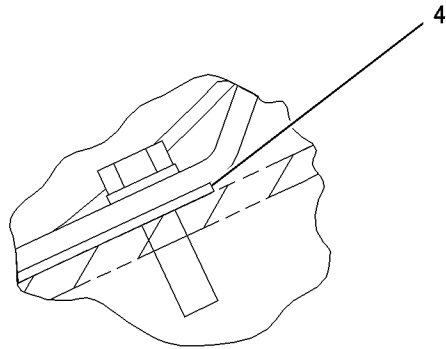
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					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	130-8176	1	PEDAL GP-GOVERNOR	861
	2	1	8T-4224	4	WASHER-HARD (8.8X16X2MM THK)	
M	3	1	8T-7547	4	BOLT (M8X1.25X30MM)	
	4	1	136-3970	1	GASKET	

M-METRIC PART

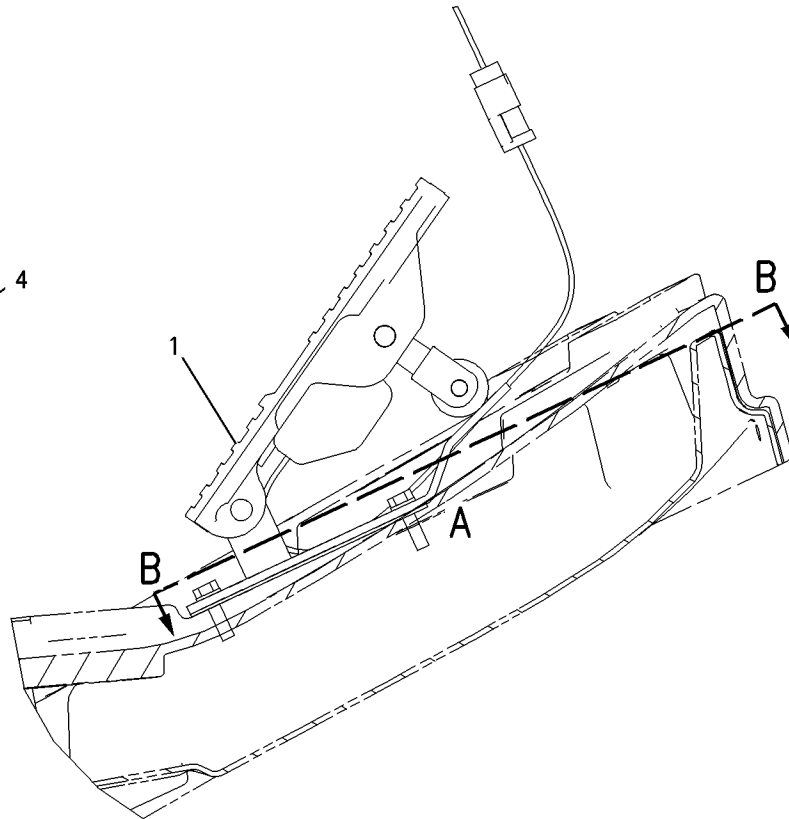
Y-SEPARATE ILLUSTRATION



SECTION B-B



VIEW OF AREA A



GRAPHIC #1

<END>

g00779453

OPERATOR STATION

200-8014 PLATFORM GP - OPERATOR

S/N: ASX1-UP

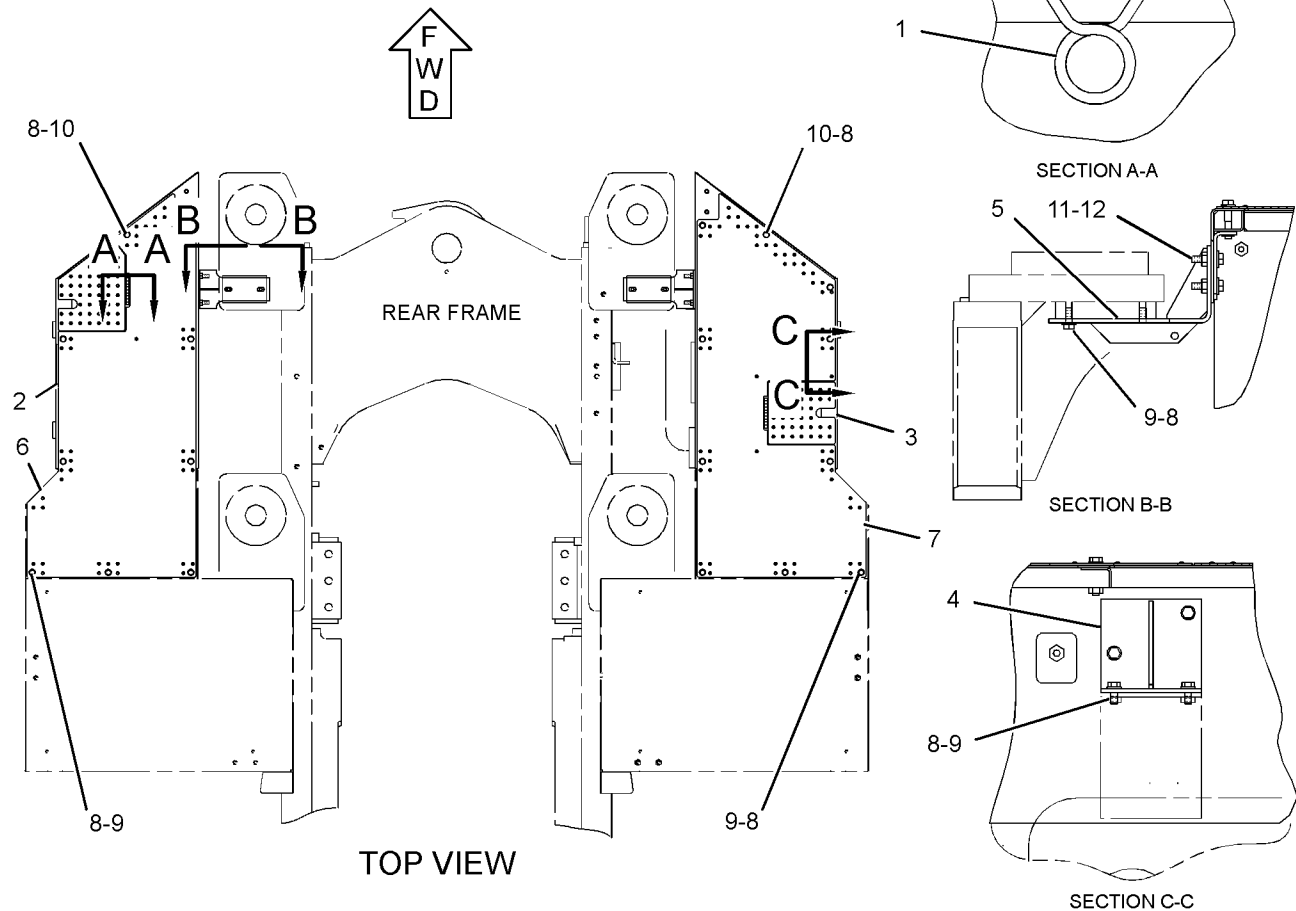
PART OF 226-9594, 300-6281 CHASSIS AR

SMCS-7253

i02578290

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1K-8850	2	SPRING						
	2	1	167-1298	1	PLATFORM AS (LH)						
	3	1	167-1299	1	PLATFORM AS (RH)						
	4	1	115-9506	1	BRACKET AS						
	5	1	146-7449	2	BRACKET AS						
	6	1	200-8015	1	PLATE AS (LH)						
	7	1	200-8016	1	PLATE AS (RH)						
	8	1	8T-4121	27	WASHER-HARD (11X21X2.5-MM THK)						
M	9	1	8T-4136	14	BOLT (M10X1.5X25-MM)						
M	10	1	8T-4185	13	BOLT (M10X1.5X50-MM)						
	11	1	7X-7729	8	WASHER (11X25X3-MM THK)						
M	12	1	8T-4186	8	BOLT (M10X1.5X40-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01299292

OPERATOR STATION

173-6532 RADIO GP-AM/FM CASSETTE

S/N: ASX1-UP

12-VOLT

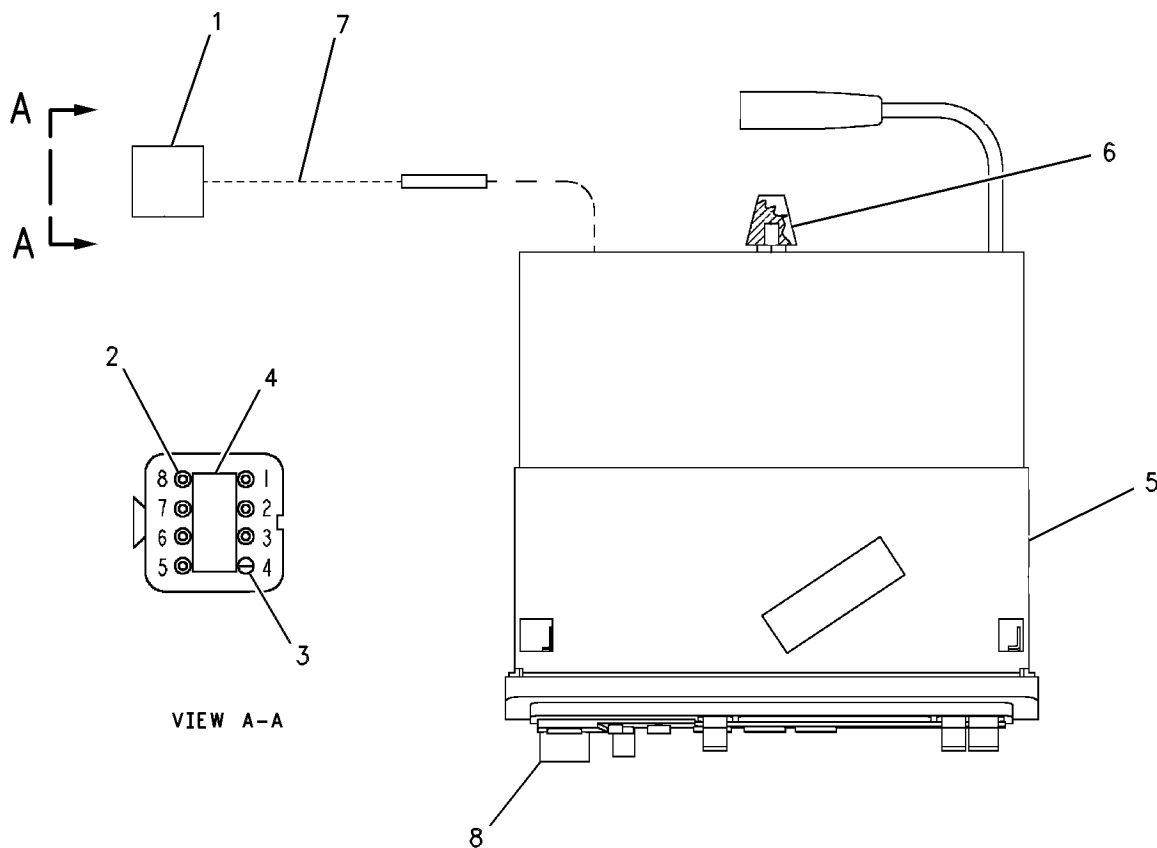
PART OF 227-9981 RADIO GP

AN ATTACHMENT

SMCS-7338

i01967493

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	102-8806	1	KIT-RECEPTACLE (8-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	2	1	186-3735	7	PIN-CONNECTOR (16-GA TO 18-GA)						
	3	1	8T-8737	1	PLUG-SEAL						
	4	1	3E-3389	1	WEDGE-RECEPTACLE LOCK						
	5	1	192-7054	1	SLEEVE						
	6	1	137-8165	1	BUMPER						
	7	1	186-2741	1	HARNESS AS-RADIO (SPEAKER)						
	8	1	175-3678	1	KIT-KNOB (RADIO)						
					(INCLUDES KNOBS: FADER, TONE, VOLUME/SW)						



GRAPHIC #1

<END>

g00618667

OPERATOR STATION

227-9981 RADIO GP-AM/FM CASSETTE

S/N: ASX1-UP

AN ATTACHMENT

SMCS-7338

i02275801

			PART NAME						SEE
NOTE	PART NUMBER	QTY	1	2	3	4	5	6 (PRODUCT LEVEL)	PAGE
Y	173-6532	1	RADIO GP (AM/FM CASSETTE)						864
Y-SEPARATE ILLUSTRATION									

<END>

OPERATOR STATION

241 - 4936 RADIO GP-AM/FM/WB CD PLAYER

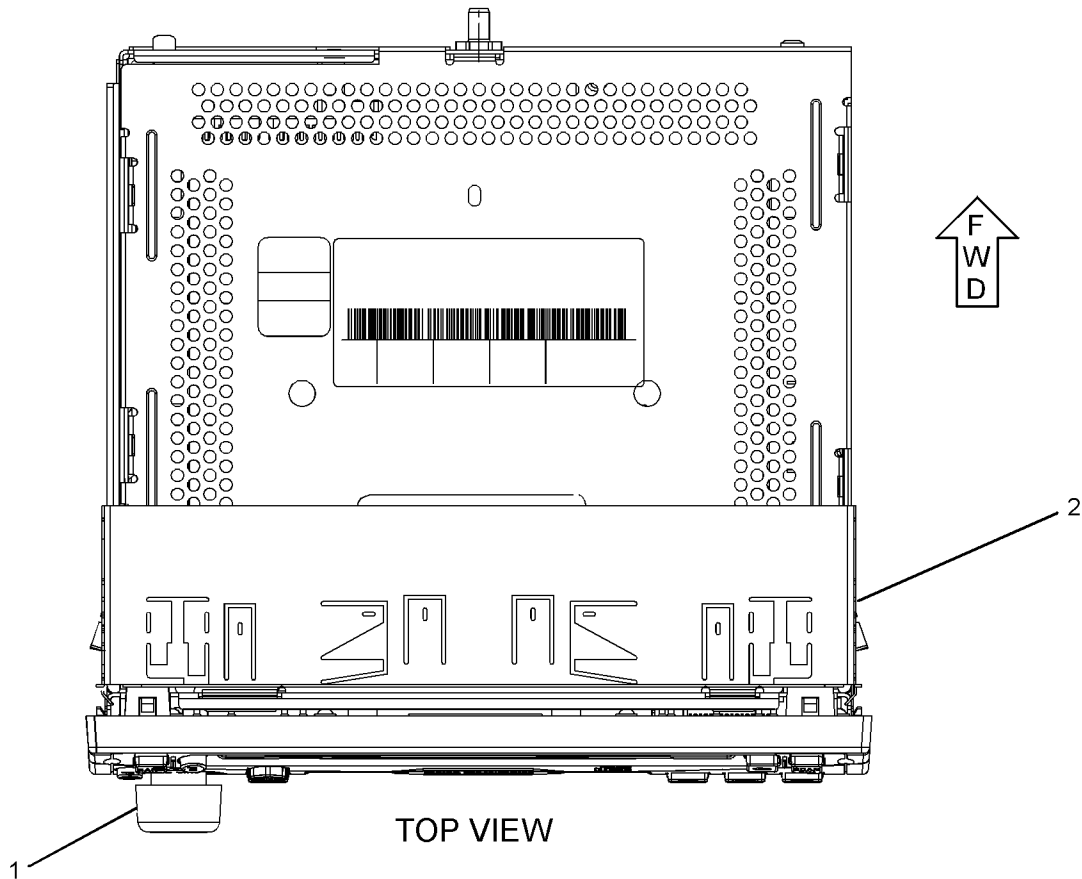
S/N: ASX1-UP

PART OF 248-4152 RADIO GP
AN ATTACHMENT

SMCS-7338

i02743358

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	142-9681	1	KNOB-SELECT (RADIO)						
	2	1	192-7054	1	SLEEVE						



TOP VIEW

GRAPHIC #1

<END>

g01230279

OPERATOR STATION

248-4152 RADIO GP-AM/FM/WB CD PLAYER

S/N: ASX1-UP

PART OF 284-4739 RADIO GP
AN ATTACHMENT

SMCS-7338

i02703667

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	241-4936	1	RADIO GP (AM/FM/WB CD PLAYER)						866
	241-4939	1	BUSHING						
	200-5728	1	HARNESS AS-RADIO						
	160-3518	1	KIT-RECEPTACLE (8-PIN)						
			(INCLUDES RECEPTACLE AS & WEDGE)						

Y-SEPARATE ILLUSTRATION

<END>

284-4739 RADIO GP-AM/FM CD PLAYER

S/N: ASX1-UP

AN ATTACHMENT

SMCS-7338

i02515133

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	248-4152	1	RADIO GP (AM/FM/WB CD PLAYER)						867

Y-SEPARATE ILLUSTRATION

<END>

OPERATOR STATION

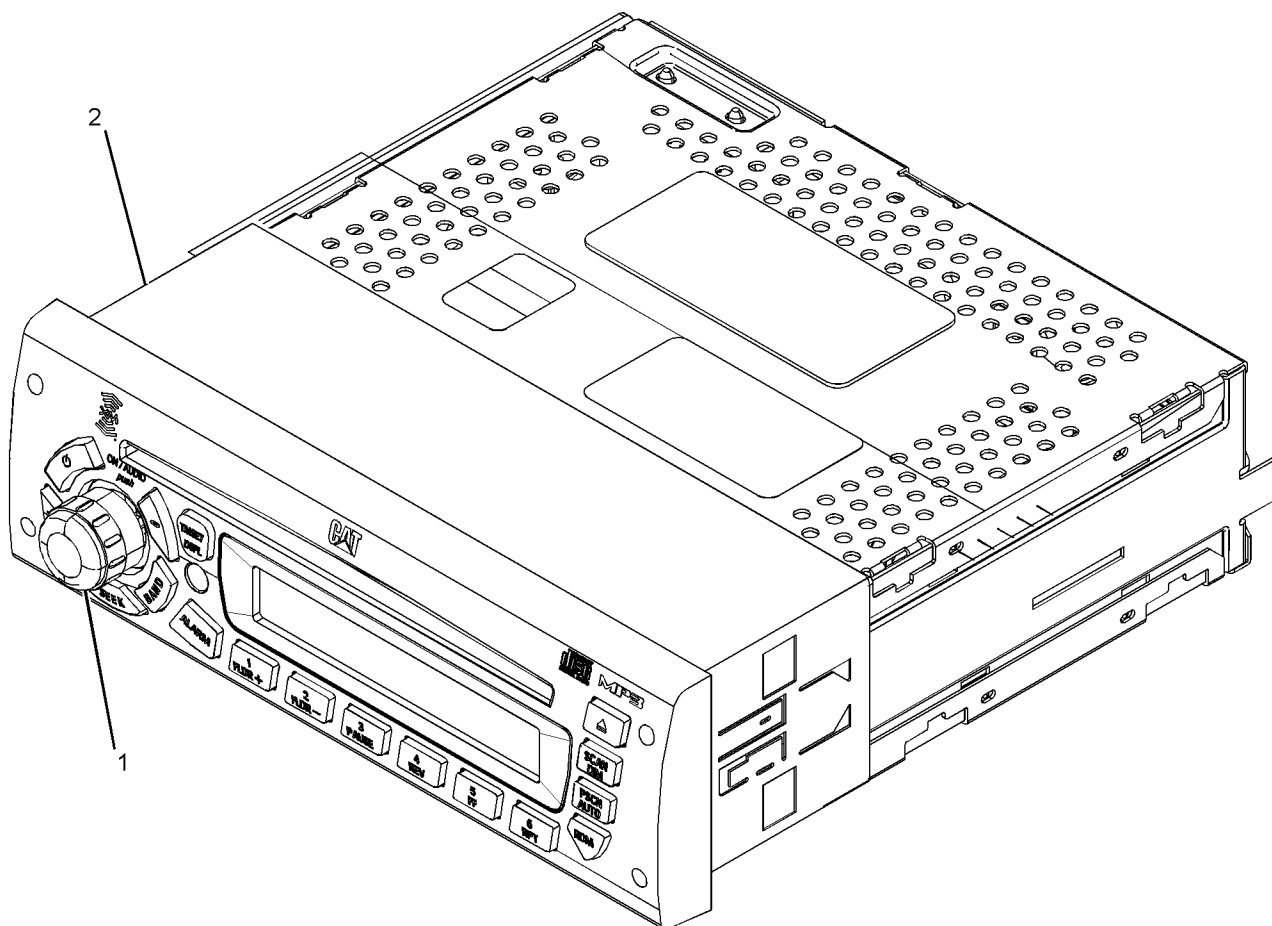
284 - 8954 RADIO GP-AM/FM/WB/XM/ CD PLAYER

S/N: ASX1-UP
AN ATTACHMENT

SMCS-7338

i02743356

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	142-9681	1	KNOB-SELECT (RADIO)						
	2	1	192-7054	1	SLEEVE						



GRAPHIC #1

<END>

g01350759

OPERATOR STATION

284-8955 RADIO GP-AM/FM/WB/SIRIUS/ CD PLAYER

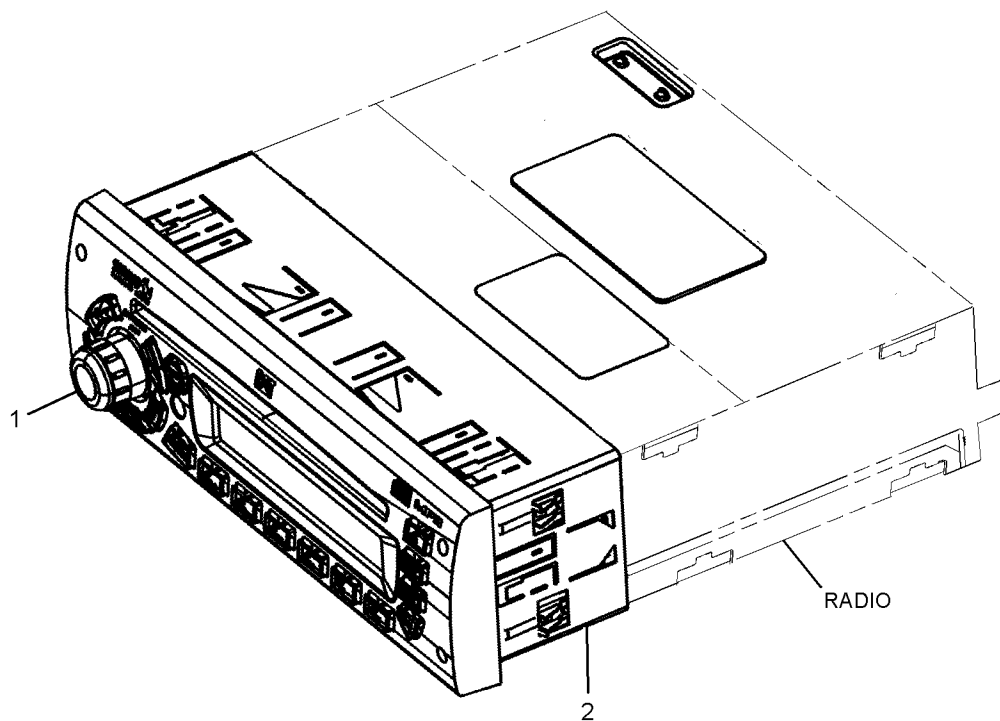
S/N: ASX1-UP

AN ATTACHMENT

SMCS-7338

i02651605

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	142-9681	1	KNOB-SELECT (RADIO)	
	2	1	192-7054	1	SLEEVE	



GRAPHIC #1

<END>

g01289705

OPERATOR STATION

210-2270 RECLINER GP-SEAT

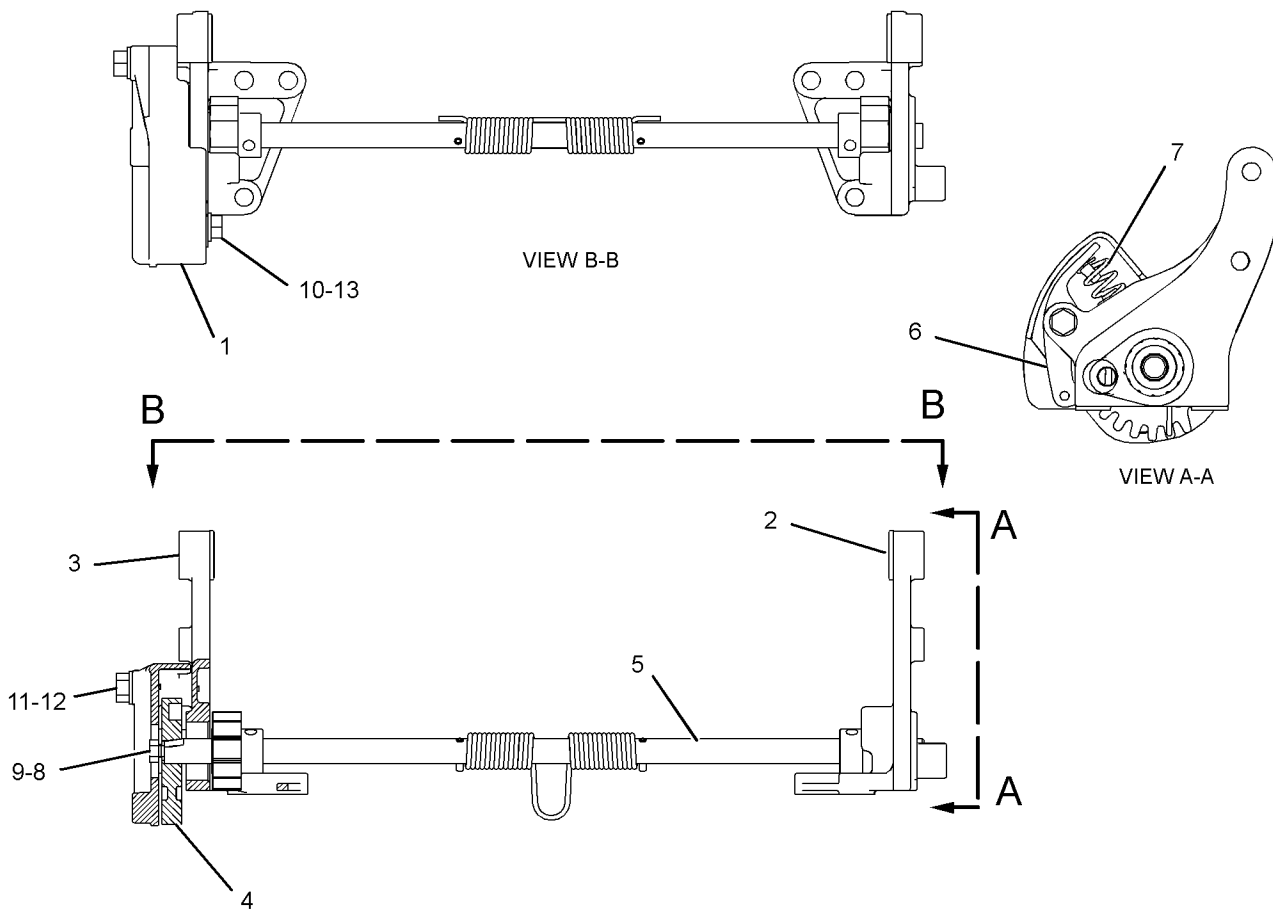
S/N: ASX1-UP

PART OF 178-0603 SEAT GP

SMCS-7312

i02709288

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	177-1862	1	BRACKET (SEAT BELT)						
	2	1	210-2262	1	BRACKET AS						
	3	1	210-2263	1	BRACKET AS						
	4	1	210-2266	1	GEAR-LOCK (14-TEETH)						
	5	1	293-2911	1	SHAFT AS						
		1	2L-5893	2	PIN-SPRING						
		1	170-8590	1	SPRING						
	6	1	217-7933	1	LATCH						
	7	1	236-5197	1	SPRING						
	8	1	031-0214	1	BOLT-LOCKING (1/4-20X0.5-IN)						
	9	1	101-2867	1	WASHER-HARD (7.2X25X2-MM THK)						
	10	1	4M-6425	1	BOLT (5/16-18X1-IN)						
	11	1	5M-2894	1	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	12	1	5S-7383	1	BOLT (3/8-16X1.75-IN)						
	13	1	8T-4224	1	WASHER-HARD (8.8X16X2-MM THK)						



<END>

g01296294

OPERATOR STATION

187-3684 ROPS GP-ENCLOSED

S/N: ASX1-299

PART OF 229-5015 CAB AR, 190-6759 ROPS GP-ENCLOSED
ALSO AN ATTACHMENT

SMCS-7301

i02406521

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
B	1	3	8T-0318	6	SHIM (0.8-MM THK)	
	2	1	108-8723	1	PLATE AS	
M	3	2	9X-2042	2	SCREW-TRUSS HEAD (M6X1X12-MM)	
	4	2	100-7488	1	CHANNEL	
	5	2	107-4594	1	CHANNEL AS	
B	6	1	107-4600	1	GLASS (RIGHT SIDE-REAR)	
B	7	1	107-4601	1	GLASS (REAR)	
B	8	2	107-4602	1	GLASS (LEFT SIDE-REAR)	
B	9	1	107-4603	1	GLASS (FRONT)	
B	10	1	107-4604	1	GLASS (RIGHT FRONT CORNER)	
B	11	1	107-4605	1	GLASS (LEFT FRONT CORNER)	
	12	3	107-7306	1	SHEET AS	
Y	13	2	109-2240	1	DOOR GP-CAB (LH)	806
	14	1	109-5008	4	BUMPER-CONICAL	
	15	2	110-2781	1	DOOR AS	
		2	1V-6755	1	LATCH AS	
		2	111-1316	1	HINGE	
	16	3	111-0687	2	STRIKER AS	
	17	2	112-9303	1	TRIM (RH)	
	18	2	112-9304	1	TRIM (LH)	
	19	2	112-9305	1	TRIM	
	20	3	114-9252	1	BRACKET AS	
B	21	3	115-0538	2	COVER	
	22	2	121-9869	1	PLATE	
	23	2	122-0364	1	PLATE	
	24	3	125-6510	1	INSULATION	
	25	3	125-7141	1	COVER	
	26	3	125-7142	1	COVER	
	30	2	126-6016	2	SEAL	
	31	3	128-1026	2	SHIELD-STRIKER	
	32	1	240-6684	1	TRIM AS	
		1	136-9351	1	TRIM (RH)	
	33	2	136-9352	1	TRIM (LH)	
	34	1	271-2940	1	SHEET AS	
M		1	6V-9632	7	NUT-WELD (M6X1-THD)	
M		1	8T-3851	5	BOSS-WELD (M10X1.5X17.5-MM)	
	36	1	149-1162	1	PLATE AS (RH)	
		1	143-2226	1	PANEL (RH)	
		1	143-2229	1	TRIM	
	37	2	149-1163	1	PLATE AS (LH)	
		2	143-2227	1	PANEL (LH)	
		2	143-2229	1	TRIM	
	38	2	162-5296	1	BAR	
	39	3	192-3277	1	BRACKET AS	
	40	1	176-9171	1	PLATFORM AS	
J		1	141-4936	1	PAD	
J		1	160-6624	1	PLATE	
J		1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)	
JM		1	8T-4136	4	BOLT (M10X1.5X25-MM)	
Y	41	1	109-2241	1	DOOR GP-CAB (RH)	808
	42	1	107-4591	1	CAB AS	
M	44	1	5C-7261	4	NUT (M8X1.25-THD)	
	45	1, 2, 3	8T-4121	32	WASHER-HARD (11X21X2.5-MM THK)	
M	46	3	8T-4133	4	NUT (M10X1.5-THD)	
M	47	3	8T-4136	4	BOLT (M10X1.5X25-MM)	

OPERATOR STATION

187-3684 ROPS GP - ENCLOSED (contd.)

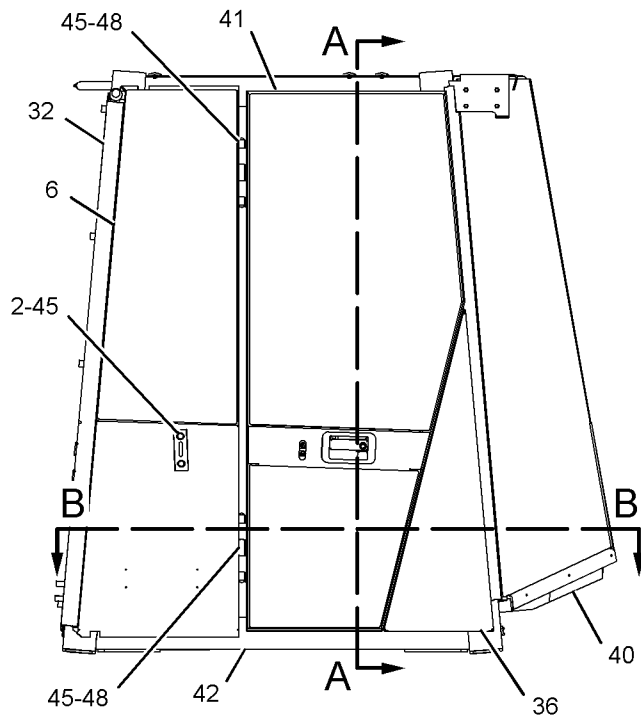
i02406521

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
M	48	1, 2, 3	8T-4137	24	BOLT (M10X1.5X20-MM)	
	49	2	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)	
M	50	2	8T-7963	2	LOCKNUT (M8X1.25-THD)	
M	51	1	9X-2041	2	SCREW-TRUSS HEAD (M10X1.5X20-MM)	
B-USE AS REQUIRED						
J- PARTS MARKED J REQUIRED TO SERVICE MACHINES WITHOUT STIC STEERING						
M-METRIC PART						
Y-SEPARATE ILLUSTRATION						

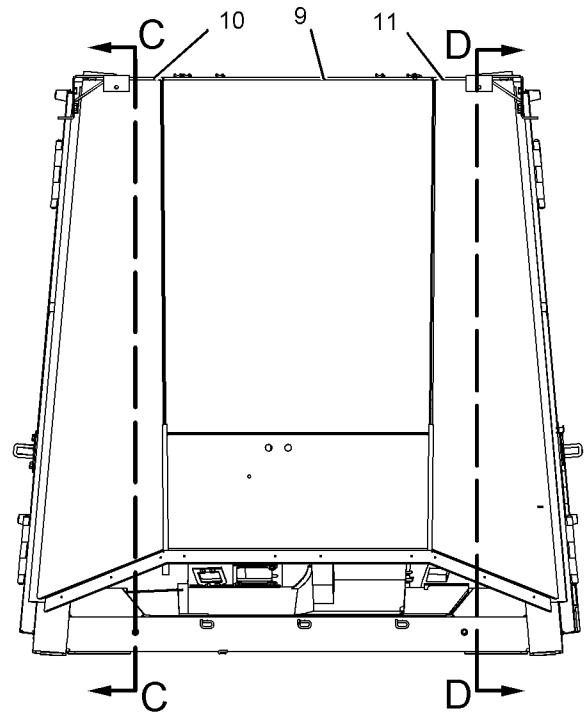
OPERATOR STATION

187 - 3684 ROPS GP - ENCLOSED (contd.)

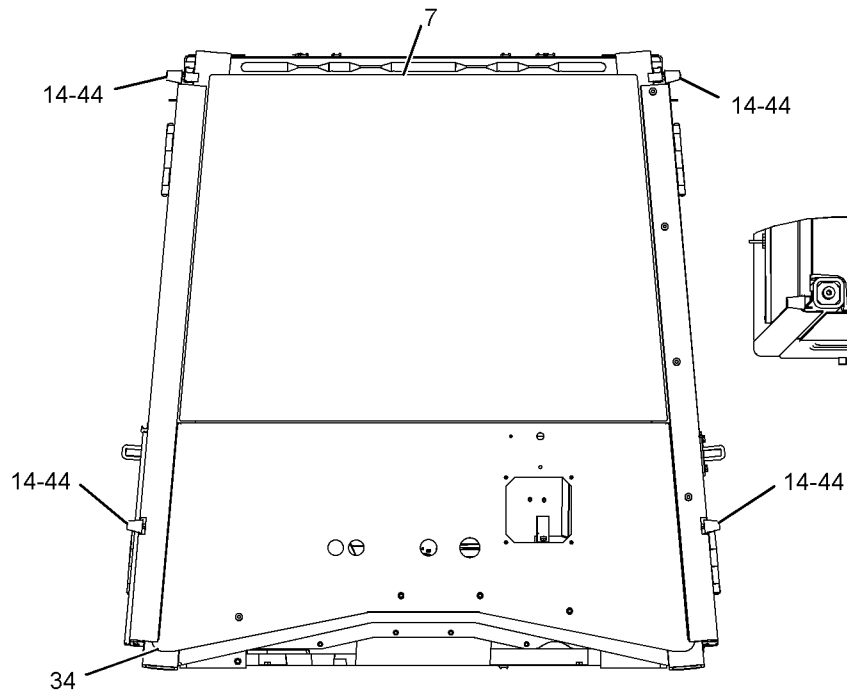
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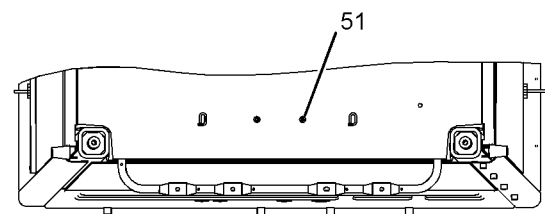
RIGHT SIDE VIEW



FRONT VIEW



REAR VIEW



TOP VIEW

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

GRAPHIC #1

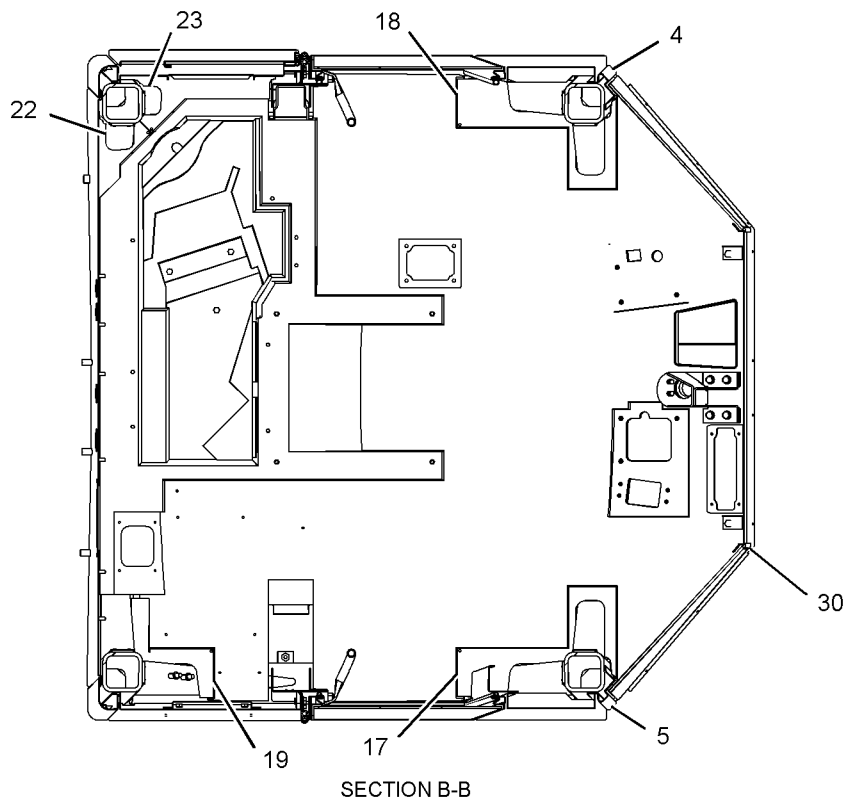
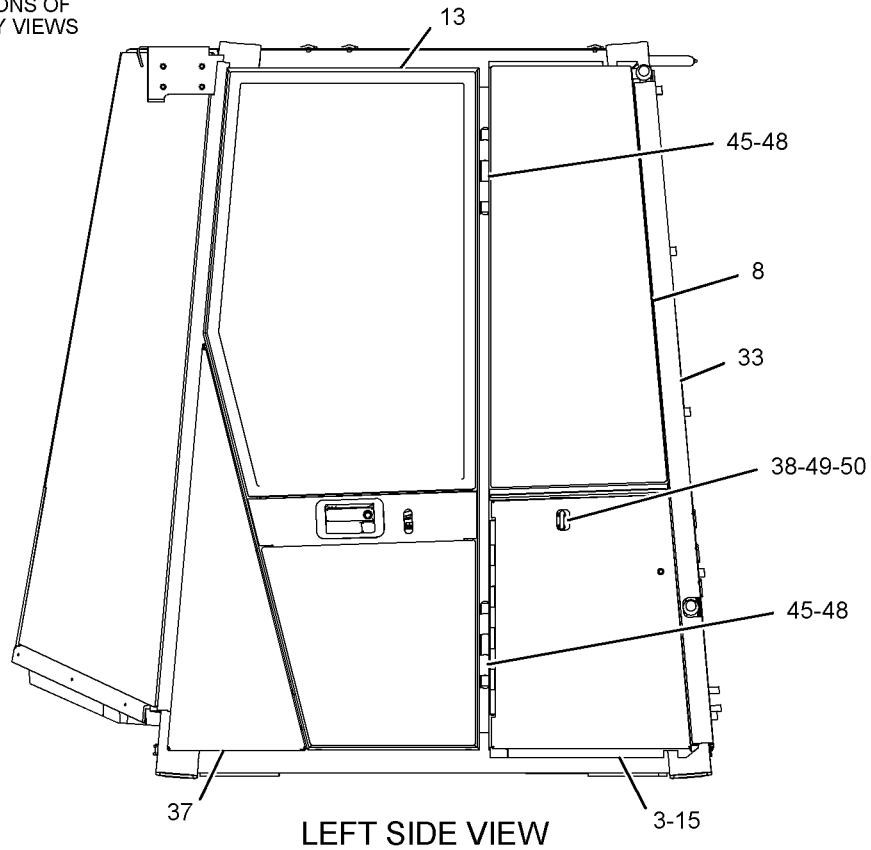
g01084974

OPERATOR STATION

187-3684 ROPS GP - ENCLOSED (contd.)

i02406521

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



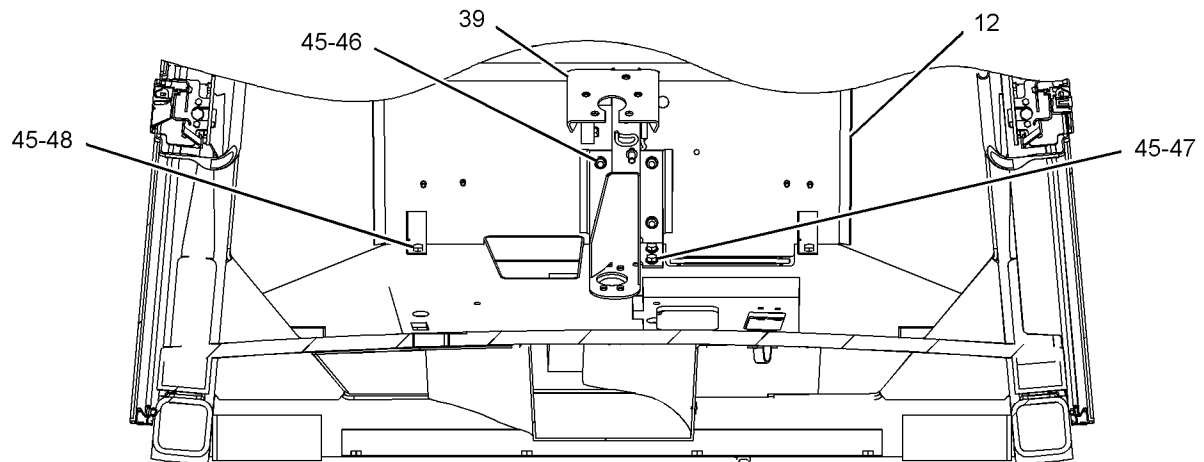
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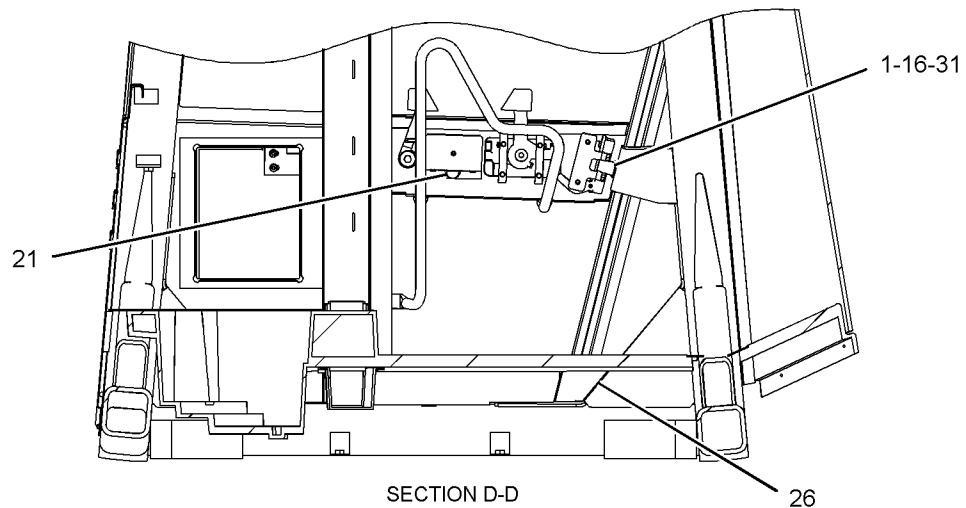
OPERATOR STATION

187-3684 ROPS GP - ENCLOSED (contd.)

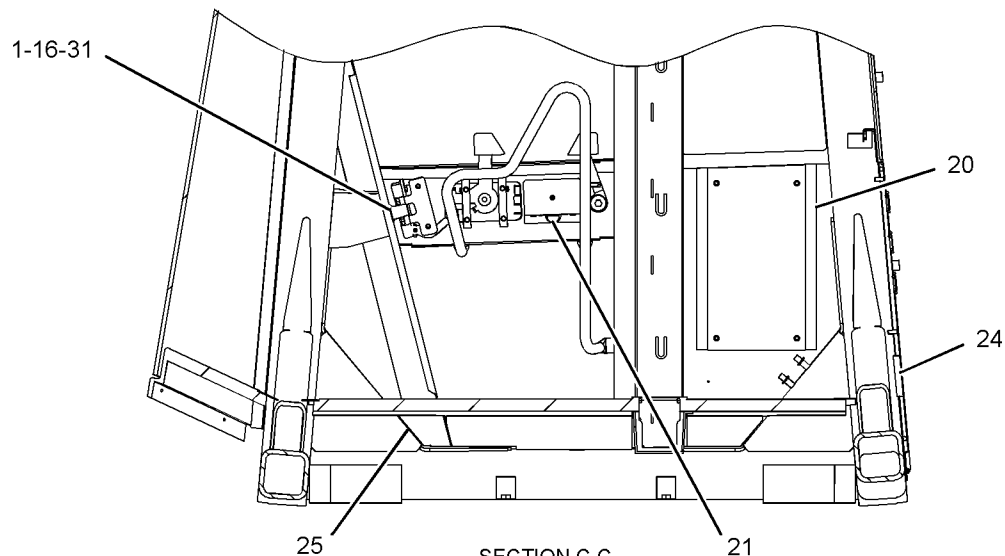
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SECTION A-A



SECTION D-D



SECTION C-C
<END>

GRAPHIC #3

g01084980

OPERATOR STATION

187-3684 ROPS GP - ENCLOSED

S/N: ASX300-UP

PART OF 292-6101 CAB AR, 190-6759 ROPS GP - ENCLOSED
ALSO AN ATTACHMENT

SMCS-7301

i02712316

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
B	1	3	8T-0318	6	SHIM (0.8-MM THK)	
	2	2	100-7488	1	CHANNEL	
	3	1	107-4591	1	CAB AS	
	4	2	107-4594	1	CHANNEL AS	
B	5	1	107-4600	1	GLASS (RIGHT SIDE-REAR)	
B	6	1	107-4601	1	GLASS (REAR)	
B	7	2	107-4602	1	GLASS (LEFT SIDE-REAR)	
B	8	1	107-4603	1	GLASS (FRONT)	
B	9	1	107-4604	1	GLASS (RIGHT FRONT CORNER)	
B	10	1	107-4605	1	GLASS (LEFT FRONT CORNER)	
	11	3	107-7306	1	SHEET AS	
	12	1	108-8723	1	PLATE AS	
Y	13	2	109-2240	1	DOOR GP-CAB (LH)	806
Y	14	1	109-2241	1	DOOR GP-CAB (RH)	808
	15	1	109-5008	4	BUMPER-CONICAL	
	16	2	110-2781	1	DOOR AS	
		2	1V-6755	1	LATCH AS	
		2	111-1316	1	HINGE	
	17	3	111-0687	2	STRIKER AS	
	18	2	112-9303	1	TRIM (RH)	
	19	2	112-9304	1	TRIM (LH)	
	20	2	112-9305	1	TRIM	
	21	3	114-9252	1	BRACKET AS	
B	22	3	115-0538	2	COVER	
	23	2	121-9869	1	PLATE	
	24	2	122-0364	1	PLATE	
	25	3	125-6510	1	INSULATION	
	26	3	125-7141	1	COVER	
	27	3	125-7142	1	COVER	
	28	2	126-6016	2	SEAL	
	29	3	128-1026	2	SHIELD-STRIKER	
	30	2	136-9352	1	TRIM (LH)	
	31	1	149-1162	1	PLATE AS (RH)	
		1	143-2226	1	PANEL (RH)	
		1	143-2229	1	TRIM	
	32	2	149-1163	1	PLATE AS (LH)	
		2	143-2227	1	PANEL (LH)	
		2	143-2229	1	TRIM	
	33	2	162-5296	1	BAR	
	34	1	176-9171	1	PLATFORM AS	
J		1	141-4936	1	PAD	
J		1	160-6624	1	PLATE	
J		1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)	
JM		1	8T-4136	4	BOLT (M10X1.5X25-MM)	
	35	3	192-3277	1	BRACKET AS	
	36	1	240-6684	1	TRIM AS	
		1	136-9351	1	TRIM (RH)	
	37	1	271-2940	1	SHEET AS	
M		1	6V-9632	7	NUT-WELD (M6X1-THD)	
M		1	8T-3851	5	BOSS-WELD (M10X1.5X17.5-MM)	
M	38	1	5C-7261	4	NUT (M8X1.25-THD)	
	39	1, 2, 3	8T-4121	32	WASHER-HARD (11X21X2.5-MM THK)	
M	40	3	8T-4133	4	NUT (M10X1.5-THD)	
M	41	3	8T-4136	4	BOLT (M10X1.5X25-MM)	
M	42	1, 2, 3	8T-4137	24	BOLT (M10X1.5X20-MM)	

OPERATOR STATION

187-3684 ROPS GP - ENCLOSED (contd.)

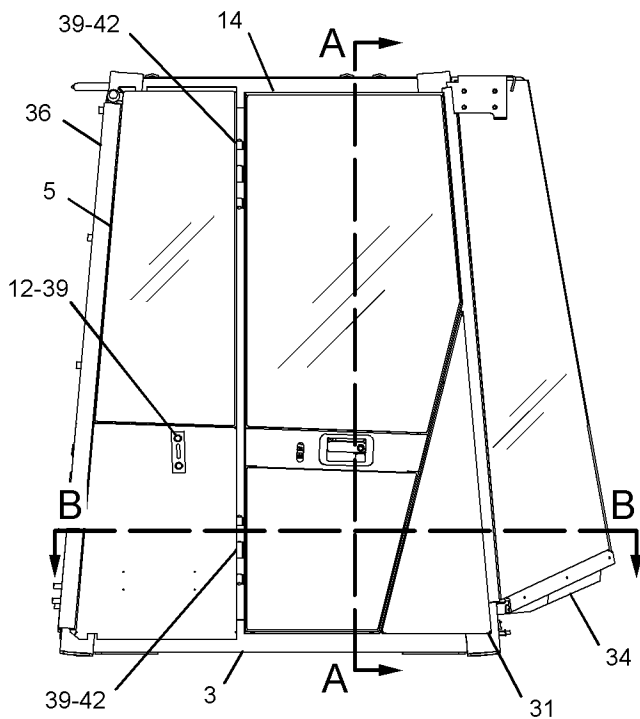
i02712316

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	43	2	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)						
M	44	2	8T-7963	2	LOCKNUT (M8X1.25-THD)						
M	45	1	9X-2041	2	SCREW-TRUSS HEAD (M10X1.5X20-MM)						
M	46	2	9X-2042	2	SCREW-TRUSS HEAD (M6X1X12-MM)						
B-USE AS REQUIRED											
J-PARTS MARKED J REQUIRED TO SERVICE MACHINES WITHOUT STIC STEERING											
M-METRIC PART											
Y-SEPARATE ILLUSTRATION											

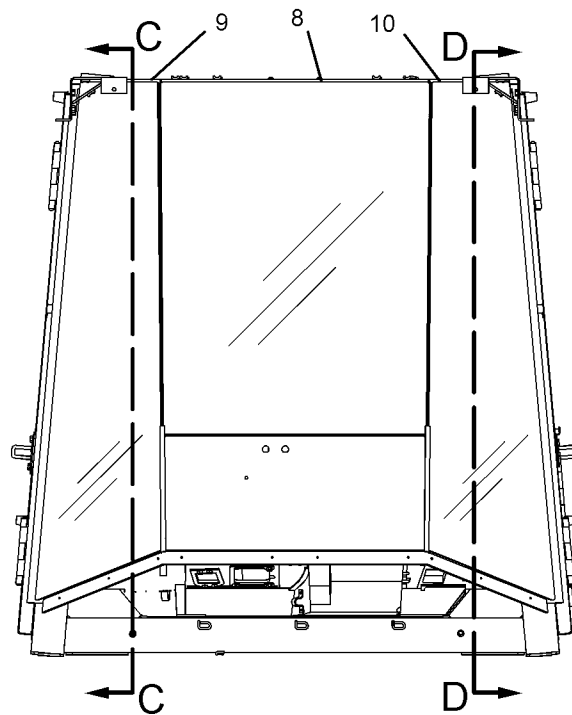
OPERATOR STATION

187-3684 ROPS GP - ENCLOSED (contd.)

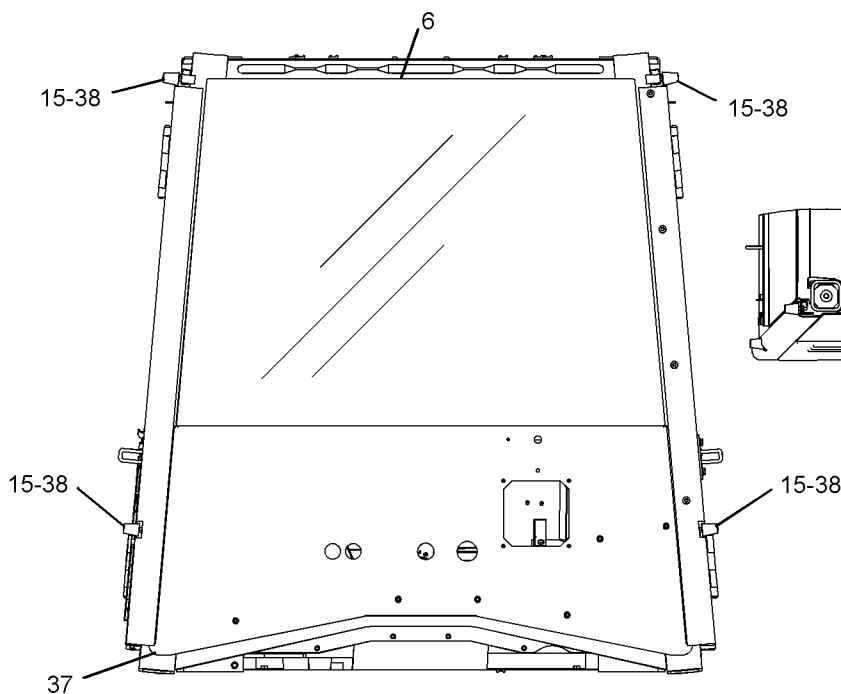
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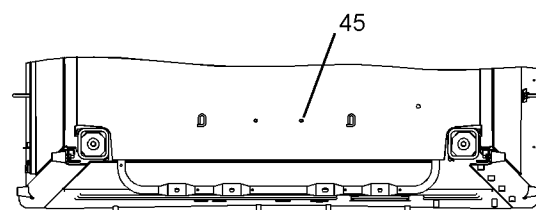
RIGHT SIDE VIEW



FRONT VIEW



REAR VIEW



TOP VIEW

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

GRAPHIC #1

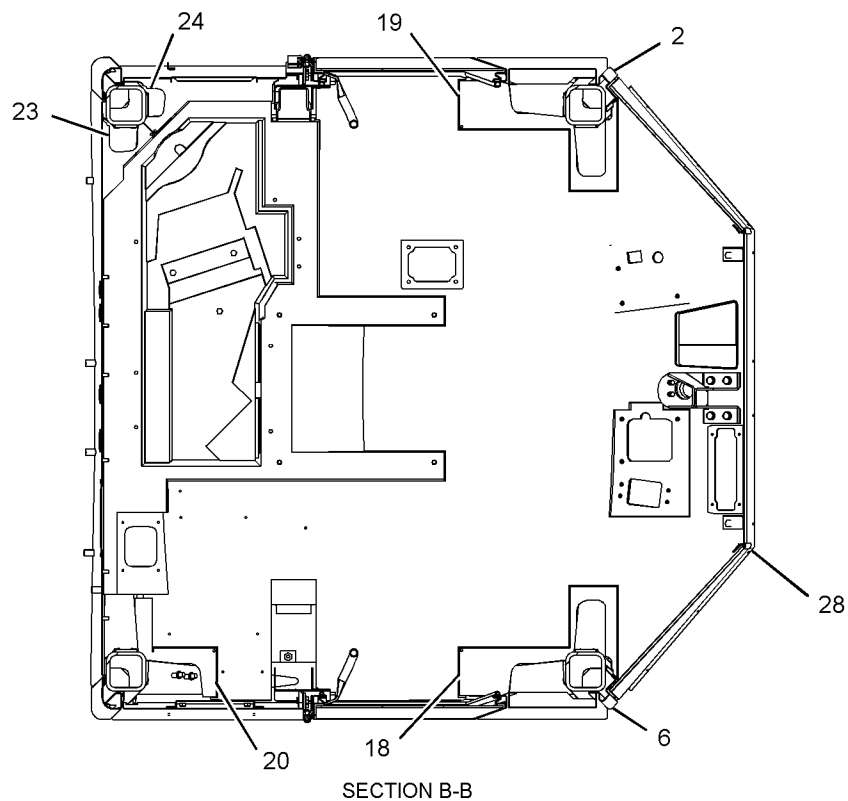
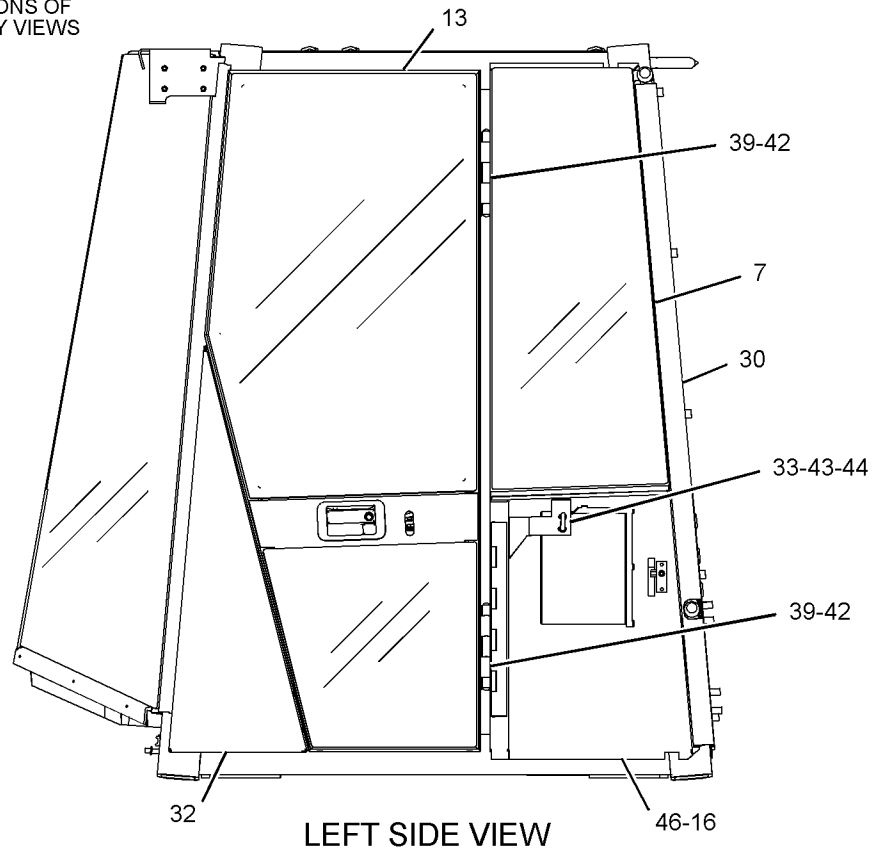
g01373989

OPERATOR STATION

187-3684 ROPS GP - ENCLOSED (contd.)

i02712316

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



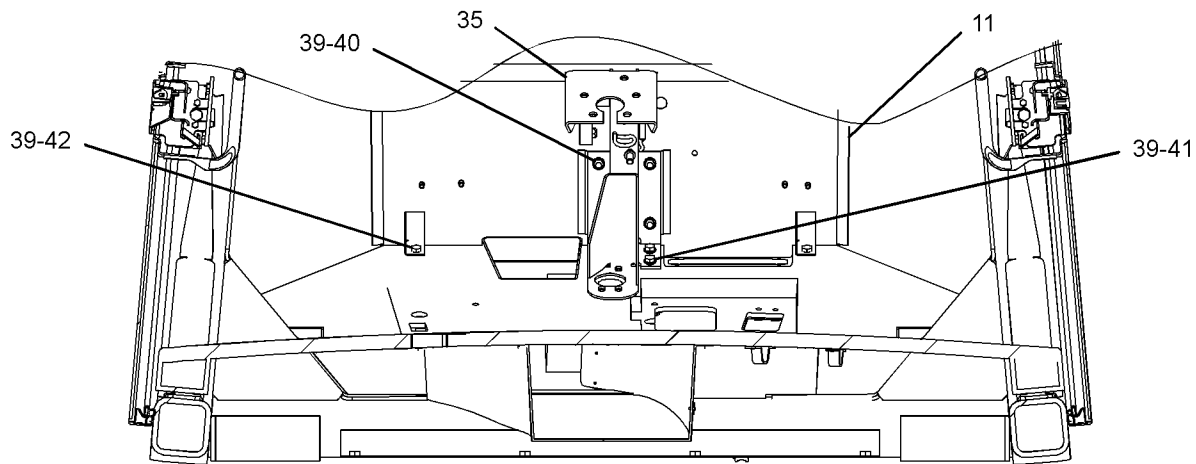
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g01373991

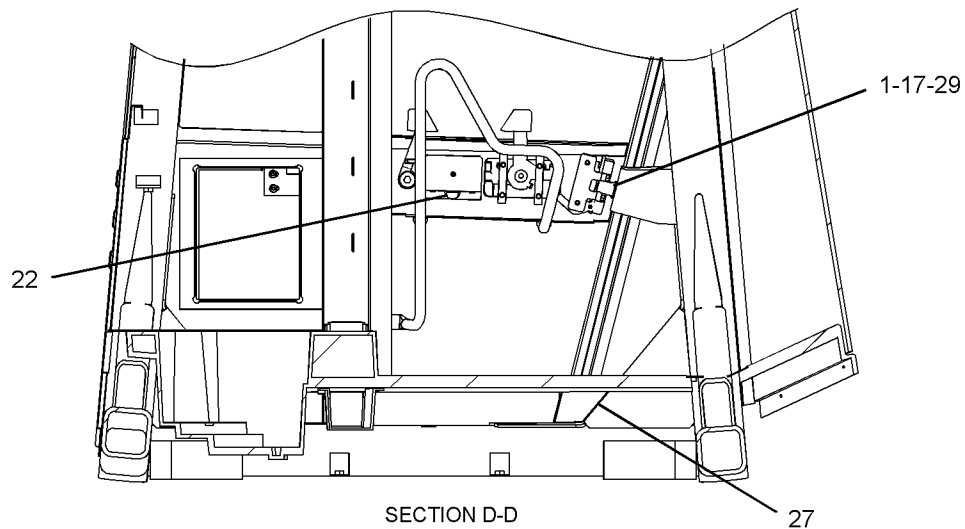
OPERATOR STATION

187-3684 ROPS GP - ENCLOSED (contd.)

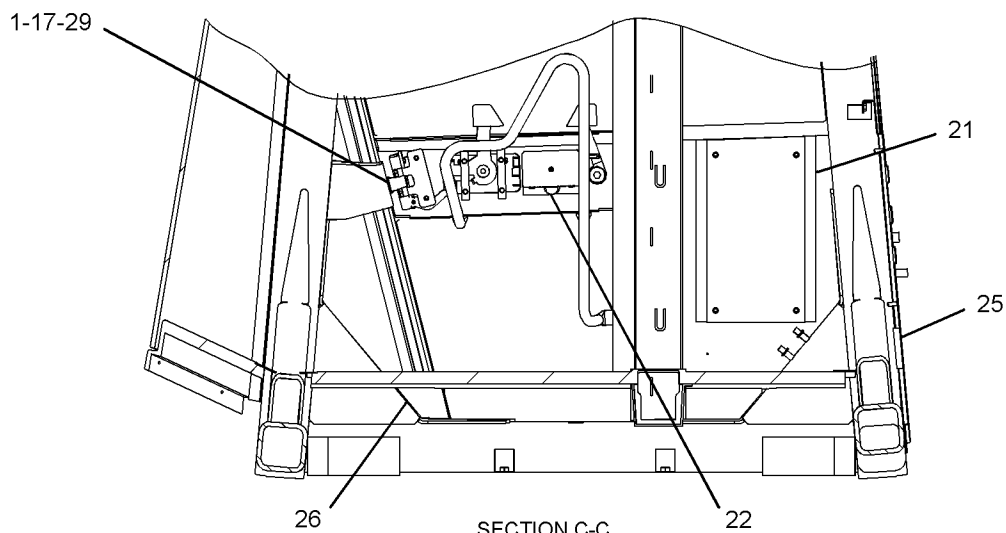
i02712316



SECTION A-A



SECTION D-D



SECTION C-C

<END>

GRAPHIC #3

g01373992

OPERATOR STATION

190-6759 ROPS GP-ENCLOSED

S/N: ASX1-UP
AN ATTACHMENT

SMCS-7301

i01456501

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	187-3684	1	ROPS GP-ENCLOSED						871
Y	124-5149	1	WINDOW GP-SLIDING						905
Y-SEPARATE ILLUSTRATION									
<END>									

117-1410 SEALING GP-GLASS

S/N: ASX1-UP
PART OF 229-5015, 292-6101 CAB AR

SMCS-7310, 7340

i02737077

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
B	311-3898	1	ADHESIVE						
B-USE AS REQUIRED									
<END>									

OPERATOR STATION

178-0603 SEAT GP-CLOTH

S/N: ASX1-UP

PART OF 187-0821 SEAT GP

TYPE 1

SMCS-7312

i02360439

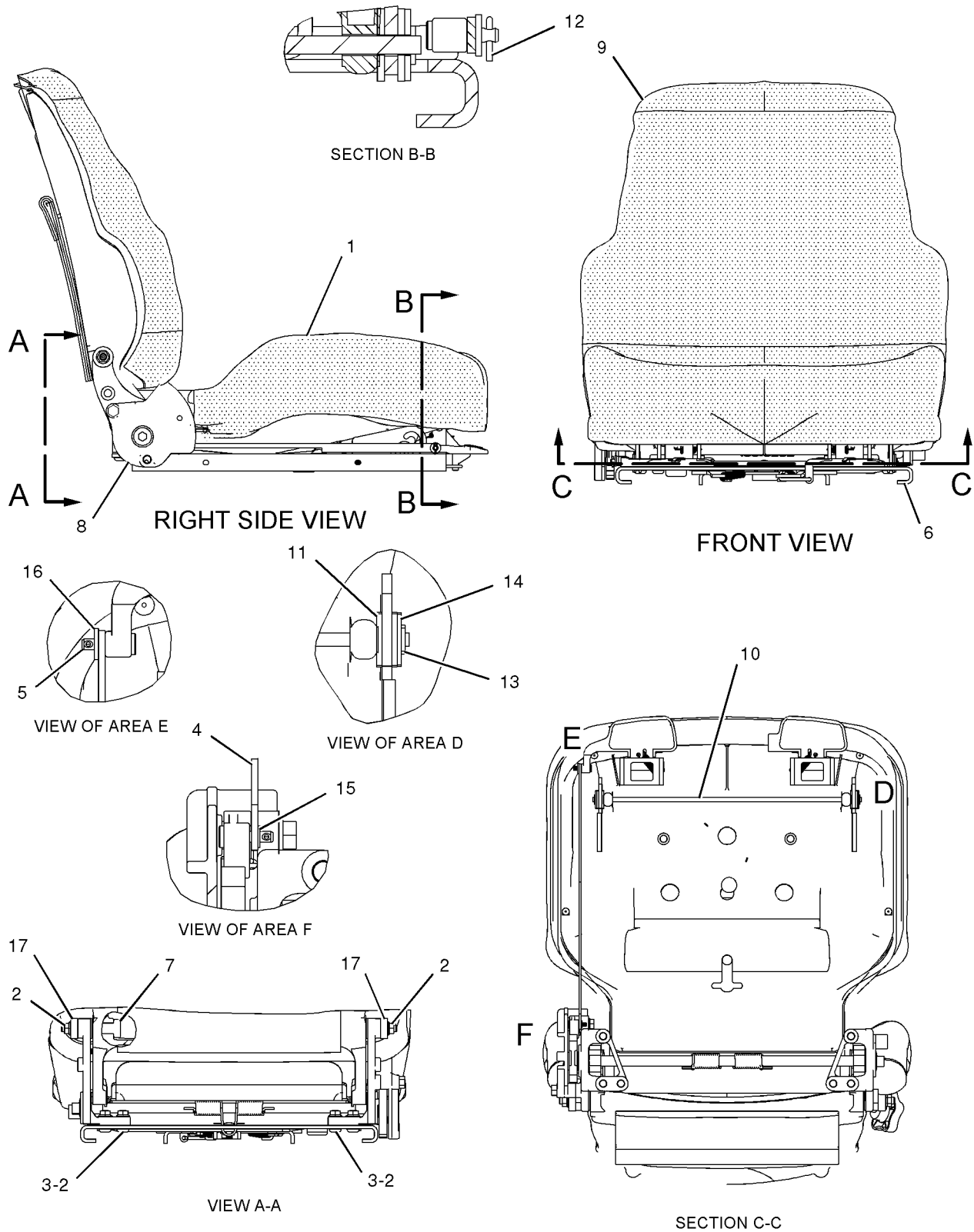
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	218-0861	1	PAN AS						
		1	8T-9082	5	RIVET-POP						
		1	217-9049	1	CUSHION AS						
	2	1	143-1288	8	LOCKNUT-FLANGE (3/8-16-THD)						
	3	1	171-1230	6	SCREW-BUTTON HEAD (3/8-16X1-IN)						
	4	1	171-6682	1	BAR						
	5	1	172-2416	2	PIN						
Y	6	1	173-1028	1	ADJUSTER GP-SEAT						781
	7	1	177-1863	2	BOLT-PIVOT (3/8-16X2.89-IN)						
Y	8	1	210-2270	1	RECLINER GP-SEAT						870
Y	9	1	178-0604	1	PAN GP-BACKREST						848
	10	1	184-2298	1	ROD						
	11	1	184-2299	4	WASHER (7X25.4X2.54-MM THK)						
	12	1	095-0843	2	PIN-COTTER						
	13	1	5V-1496	2	RETAINER						
	14	1	6V-7646	2	WASHER-HARD (7.2X25X2-MM THK)						
	15	1	8T-0328	1	WASHER-HARD (5.5X10X1-MM THK)						
	16	1	8T-4205	1	WASHER-HARD (7.2X14.5X2-MM THK)						
	17	1	8Y-6277	2	SPACER (10.5X28.6X10-MM THK)						

Y-SEPARATE ILLUSTRATION

OPERATOR STATION

178-0603 SEAT GP (contd.)

i02360439



GRAPHIC #1

<END>

g01023456

OPERATOR STATION

178-0603 SEAT GP-CLOTH

S/N: ASX1-UP

PART OF 187-0821 SEAT GP

TYPE 2

SMCS-7312

i02649569

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	218-0861	1	PAN AS						
		1	8T-9082	5	RIVET-POP						
		1	217-9049	1	CUSHION AS						
	2	1	143-1288	8	LOCKNUT-FLANGE (3/8-16-THD)						
	3	1	171-1230	6	SCREW-BUTTON HEAD (3/8-16X1-IN)						
	4	1	171-6682	1	BAR						
	5	1	172-2416	2	PIN						
Y	6	1	173-1028	1	ADJUSTER GP-SEAT						781
	7	1	177-1863	2	BOLT-PIVOT (3/8-16X2.89-IN)						
Y	8	1	210-2270	1	RECLINER GP-SEAT						870
CY	9	1	292-9237	1	PAN GP-BACKREST						851
	10	1	184-2298	1	ROD						
	11	1	184-2299	4	WASHER (7X25.4X2.54-MM THK)						
	12	1	095-0843	2	PIN-COTTER						
	13	1	5V-1496	2	RETAINER						
	14	1	6V-7646	2	WASHER-HARD (7.2X25X2-MM THK)						
	15	1	8T-0328	1	WASHER-HARD (5.5X10X1-MM THK)						
	16	1	8T-4205	1	WASHER-HARD (7.2X14.5X2-MM THK)						
C	17	1	294-5042	2	SPACER (11.1X19.5X9.67-MM THK)						

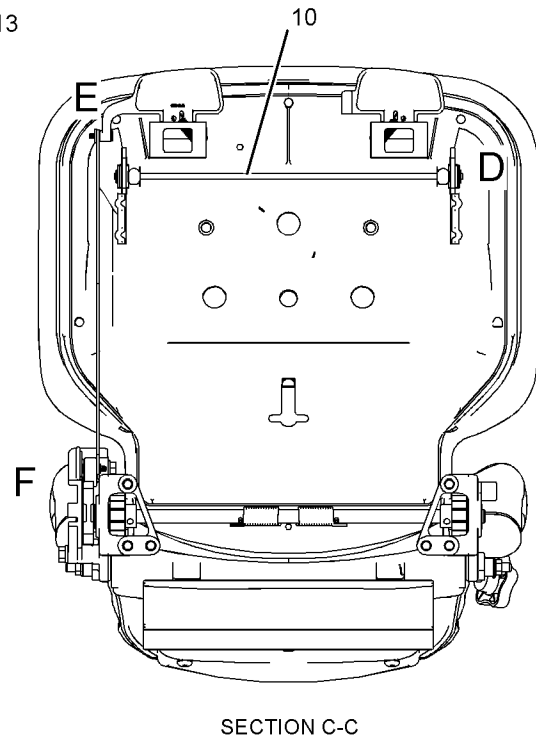
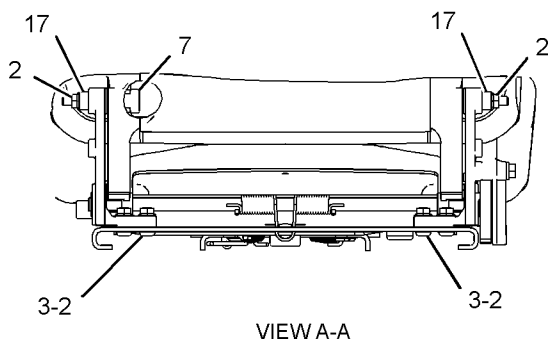
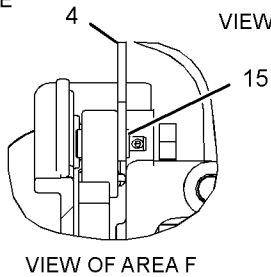
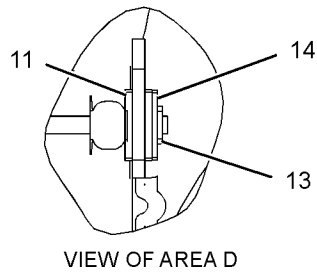
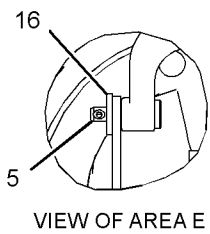
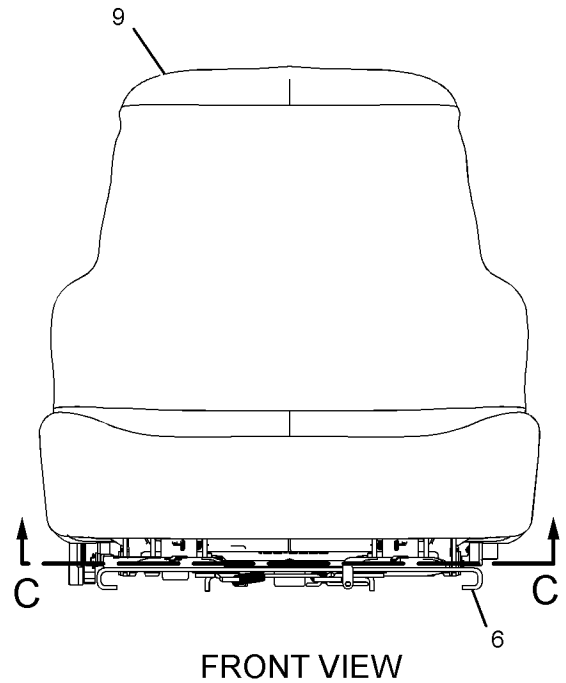
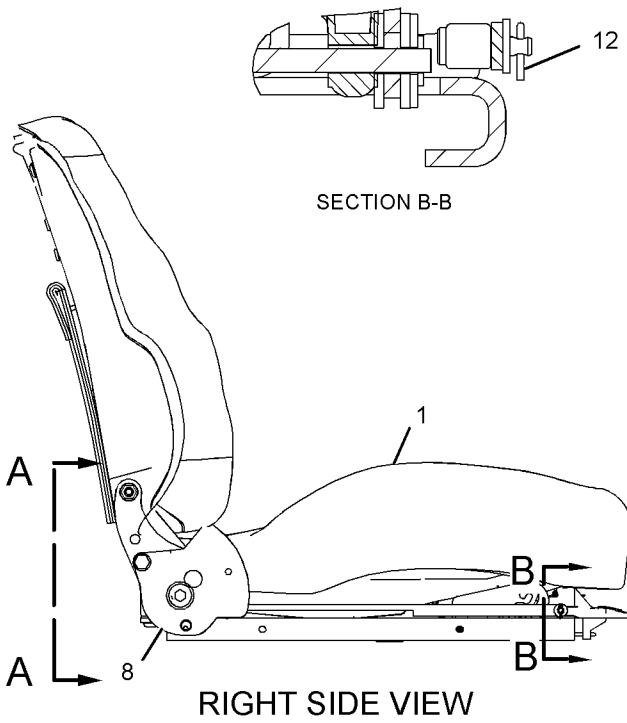
C-CHANGE FROM PREVIOUS TYPE

Y-SEPARATE ILLUSTRATION

OPERATOR STATION

178-0603 SEAT GP (contd.)

i02649569



GRAPHIC #1

<END>

g01336990

OPERATOR STATION

187-0821 SEAT GP

S/N: ASX1-UP

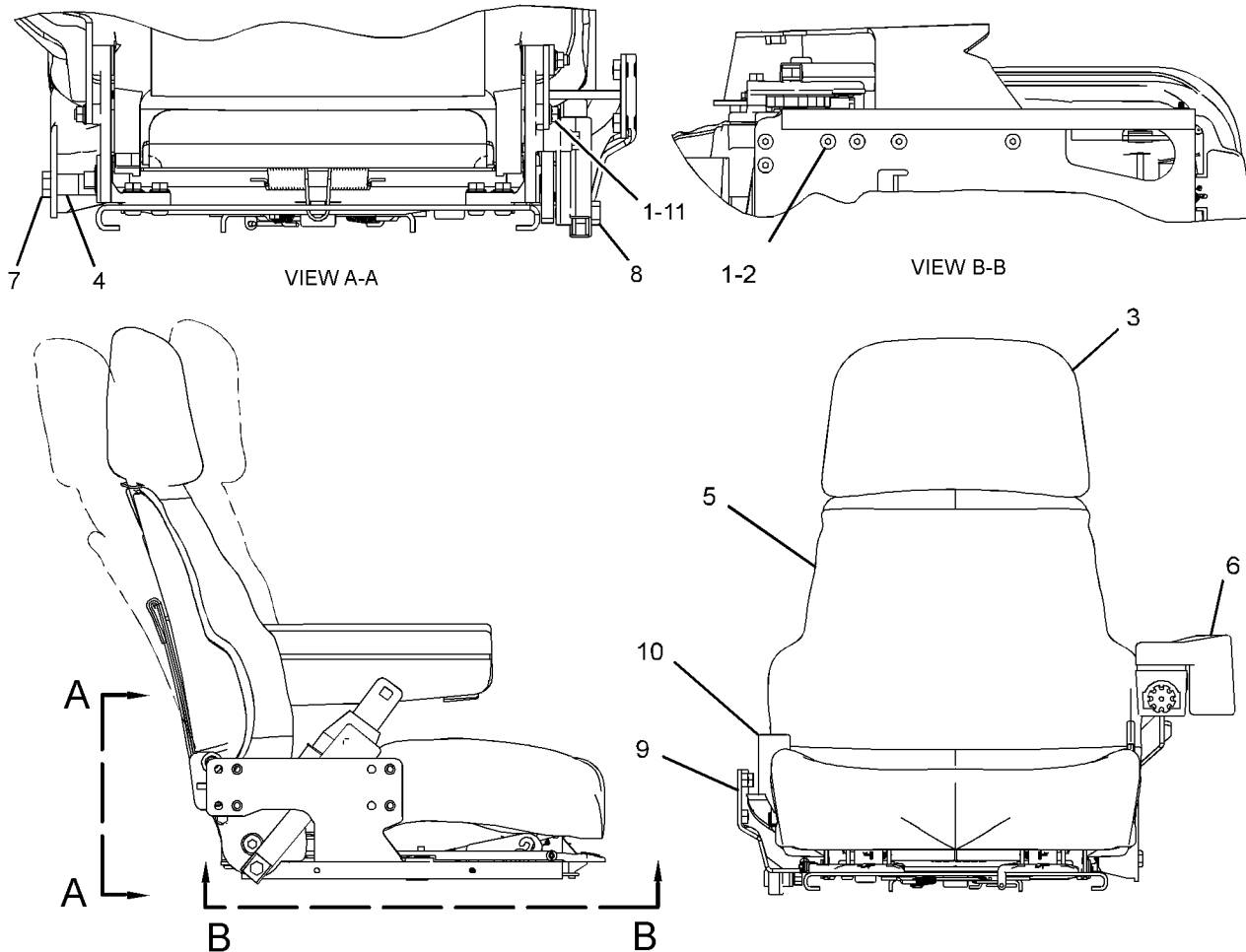
PART OF 191-2996 SEAT GP-SUSPENSION

SMCS-7312

i02756028

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	143-1288	4	LOCKNUT - FLANGE (3/8-16-THD)	
	2	1	171-1230	3	SCREW-BUTTON HEAD (3/8-16X1-IN)	
	3	1	229-1494	1	EXTENSION GP-BACKREST (CLOTH)	
	4	1	177-4937	1	SPACER (11.7X19.8X20.3-MM THK)	
Y	5	1	178-0603	1	SEAT GP (CLOTH)	882
Y	6	1	178-7906	1	ARMREST GP (LH)	790
C	7	1	205-6388	1	BOLT (7/16-20X1.75-IN)	
C	8	1	0T-0244	1	BOLT (7/16-20X1.25-IN)	
	9	1	180-9617	1	BRACKET AS	
C	10	1	222-0345	1	SEAT BELT GP (RETRACTABLE)	
	11	1	4L-6454	1	BOLT (3/8-16X1-IN)	

C- CHANGE FROM PREVIOUS TYPE
Y- SEPARATE ILLUSTRATION



g01380669

OPERATOR STATION

191-2996 SEAT GP-SUSPENSION

S/N: ASX1-UP

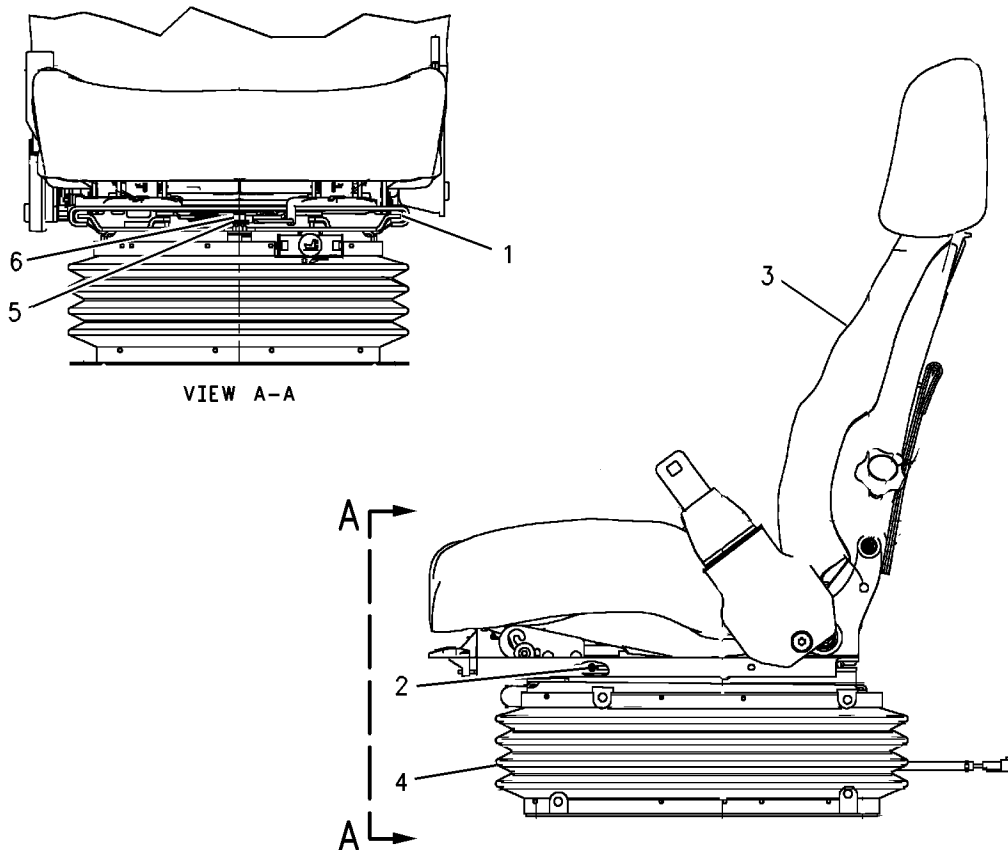
PART OF 215-4447 SEAT GP-SUSPENSION

SMCS-7324, 7336

i02758532

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
J	1	1	161-9289	4	BLOCK-SLIDER						
J	2	1	173-5787	4	SETSCREW (1/4-20-THD)						
Y	3	1	187-0821	1	SEAT GP						886
Y	4	1	191-2933	1	SUSPENSION GP-SEAT (AIR)						896
J	5	1	203-7703	2	WASHER-HARD (10.2X22.22X2.38-MM THK)						
J	6	1	4F-4879	1	BOLT (3/8-16X0.5-IN)						
AVAILABLE REPAIR KIT(S):											
J			173-7035	1	KIT-SLIDER BLOCK (SUSPENSION SEAT)						

J - KIT MARKED J INCLUDES PARTS MARKED J
Y - SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00933544

OPERATOR STATION

215-4447 SEAT GP-SUSPENSION

S/N: ASX1-299

PART OF 229-5015 CAB AR

SMCS-7324, 7336

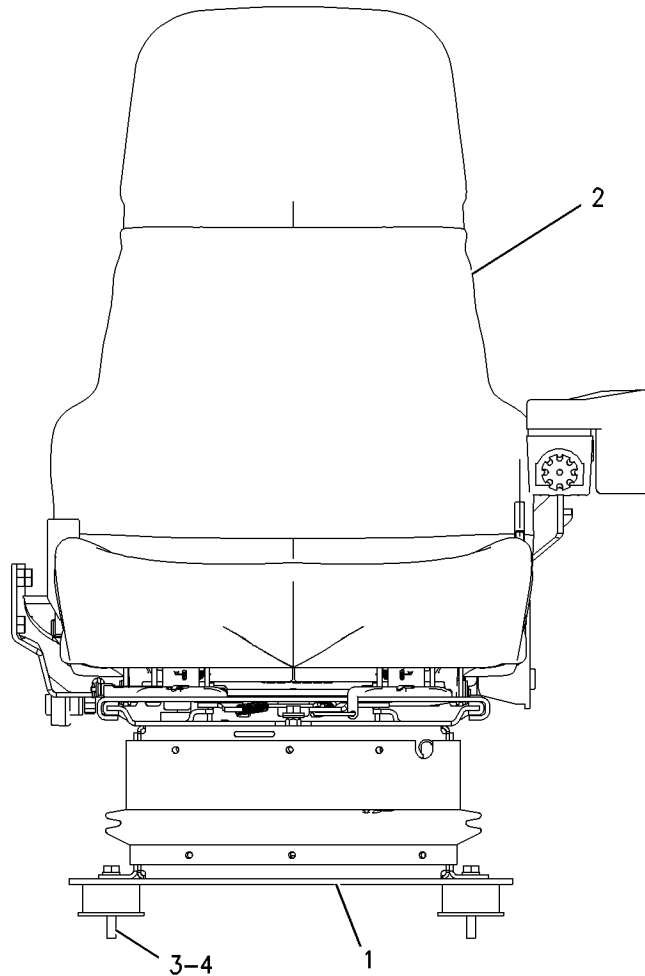
i01870740

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	199-8904	1	PLATE AS	
CY	2	1	191-2996	1	SEAT GP-SUSPENSION	887
M	3	1	6V-7731	4	BOLT (M10X1.5X70-MM)	
	4	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)	

C- CHANGE FROM PREVIOUS TYPE

M- METRIC PART

Y- SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00871516

OPERATOR STATION

215-4447 SEAT GP-SUSPENSION

S/N: ASX300-UP

PART OF 292-6101 CAB AR

SMCS-7324, 7336

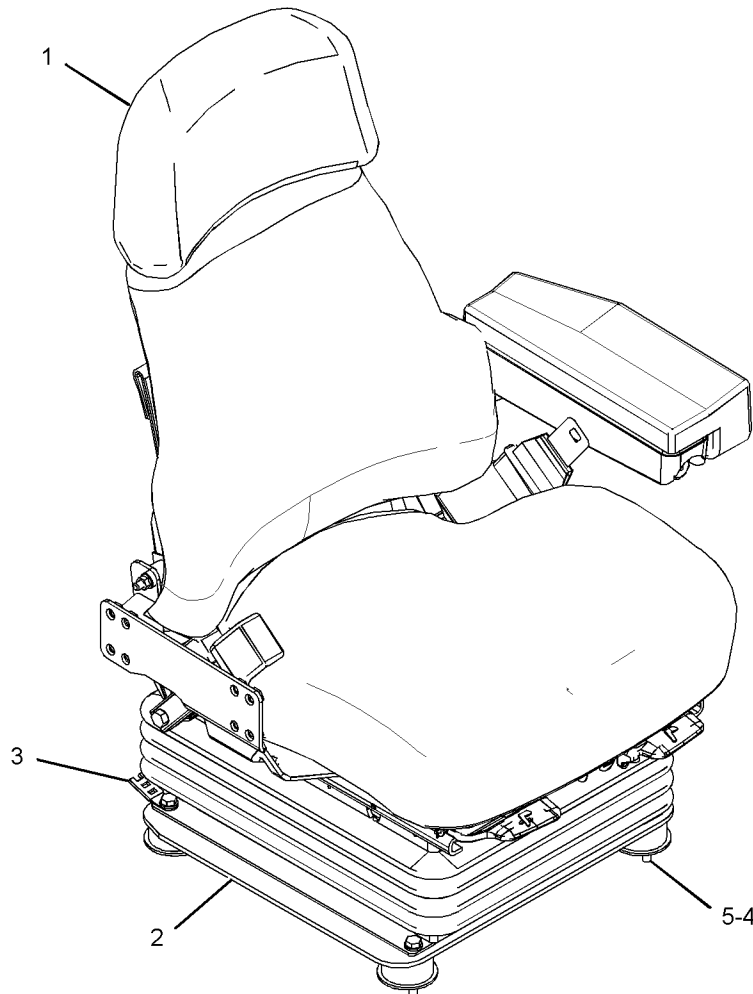
i02684001

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	191-2996	1	SEAT GP-SUSPENSION	887
C	2	1	306-9394	1	PLATE AS	
C	3	1	4P-7581	1	CLIP	
M	4	1	6V-7731	4	BOLT (M10X1.5X70-MM)	
	5	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)	

C- CHANGE FROM PREVIOUS TYPE

M- METRIC PART

Y- SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01361766

OPERATOR STATION

234-9745 SUPPORT GP-HYDRAULIC CONTROL

S/N: ASX1-UP

PART OF 229-5015, 292-6101 CAB AR

SMCS-5258

i02387233

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3K-4897	1	PIN-SPRING	
	2	2	4E-6523	1	SUPPORT-SLIDE	
	3	1	4E-6526	1	CUSHION AS (RH)	
	4	1	4E-8722	4	NUT	
	5	2	4E-9173	2	SHAFT-CONTROL	
	6	2	4E-9174	2	BEARING	
M	7	2	6V-9327	4	SETSCREW-SOCKET	
	8	1	7V-0445	1	SPRING	
	9	1	7X-3310	1	KNOB-BALL	
	10	1	8Y-5746	1	ASHTRAY	
	11	1	8Y-6333	1	GASKET (ASHTRAY)	
	12	1	9U-0952	1	PIN	
	13	1	9U-0953	1	GUIDE	
	14	1	9U-0954	1	STUD	
	15	1	9U-0955	1	PIN	
	16	2	9U-0958	1	SLIDER	
	17	2	9U-3925	4	RING-RETAINING	
	18	2	9U-3926	4	STOP	
	19	2	9U-3927	1	BEARING	
	20	1	127-0323	1	LEVER AS	
	21	2	127-5480	1	BRACKET AS	
M		2	6V-9632	1	NUT-WELD (M6X1-THD)	
B	22	2	137-6841	2	SHIM (0.2-MM THK)	
	23	1	170-0976	1	BRACKET AS	
	24	1	176-0822	1	BRACKET AS	
M		1	6V-9632	1	NUT-WELD (M6X1-THD)	
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)	
M		1	8T-3612	2	NUT-WELD (M8X1.25-THD)	
	25	1	170-0490	1	HOUSING	
	26	1	203-0328	1	SPACER (16X19X9-MM THK)	
	27	1	211-4942	2	KNOB AS	
					(EACH INCLUDES)	
M		1	9X-8281	1	STUD-TAPERLOCK (M10X1.5X45-MM)	
	28	1	239-9660	1	HOUSING	
M	29	2	099-3649	4	BOLT (M8X1.25X40-MM)	
M	30	1, 2	5C-7261	4	NUT (M8X1.25-THD)	
	31	2	7X-0575	2	WASHER-HARD (10.2X22.5X5-MM THK)	
M	32	2	8T-4195	4	BOLT (M10X1.5X30-MM)	
M	33	1	8T-4138	4	BOLT (M6X1X20-MM)	
M	34	2	8T-4189	2	BOLT (M8X1.25X20-MM)	
	35	1	8T-4205	4	WASHER-HARD (7.2X14.5X2-MM THK)	
	36	2	8T-4224	7	WASHER-HARD (8.8X16X2-MM THK)	
	37	1	9N-0869	2	WASHER-HARD (8.8X25.5X2-MM THK)	
	38	1	9X-2027	1	WASHER (11X18X2-MM THK)	
	39	1	9X-2038	8	WASHER (7X19X2-MM THK)	
M	40	1	9X-2044	8	SCREW-TRUSS HEAD (M6X1X16-MM)	
M	41	1	9X-2616	2	SCREW-SOCKET (M8X1.25X16-MM)	

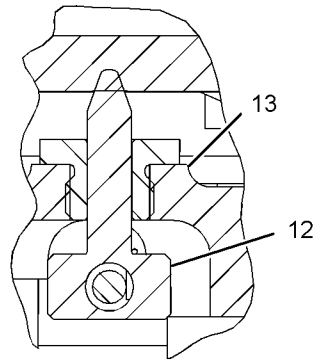
B-USE AS REQUIRED

M-METRIC PART

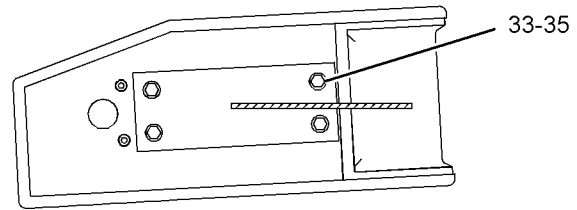
OPERATOR STATION

234-9745 SUPPORT GP -HYDRAULIC CONTROL (contd.)

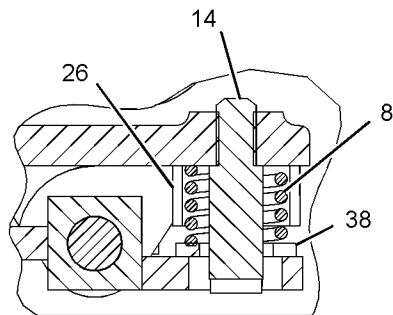
i02387233



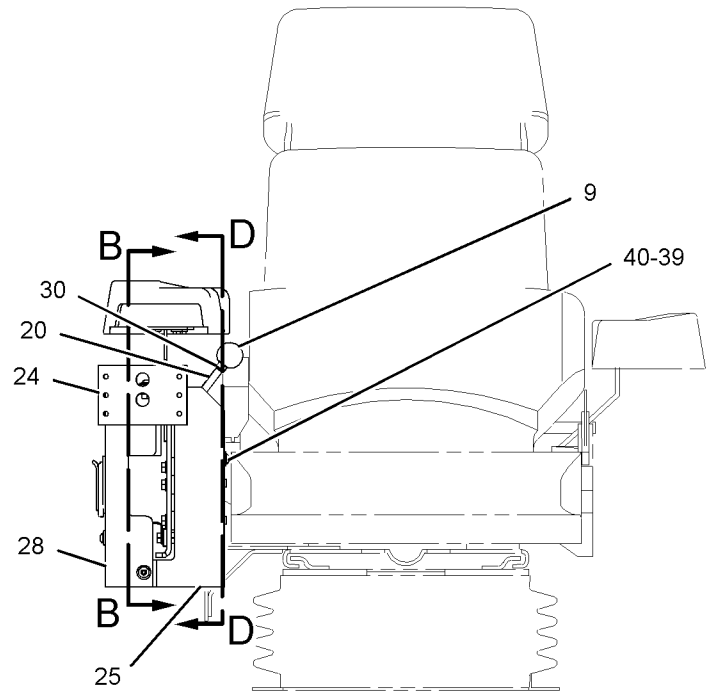
SECTION F-F



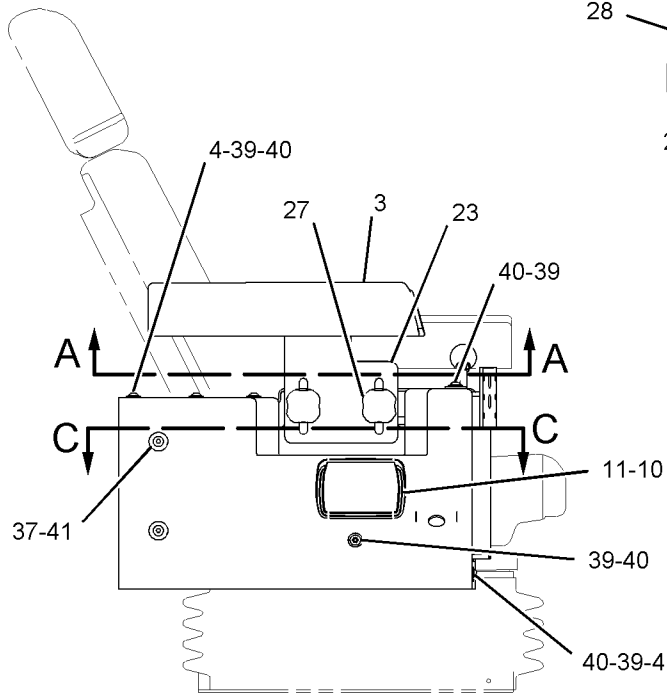
SECTION A-A



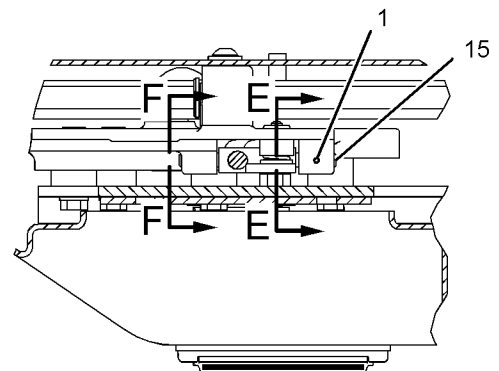
SECTION E-E



FRONT VIEW



RIGHT SIDE VIEW



SECTION C-C

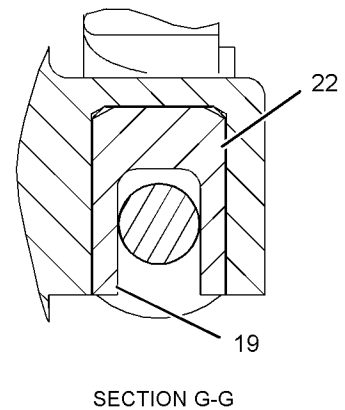
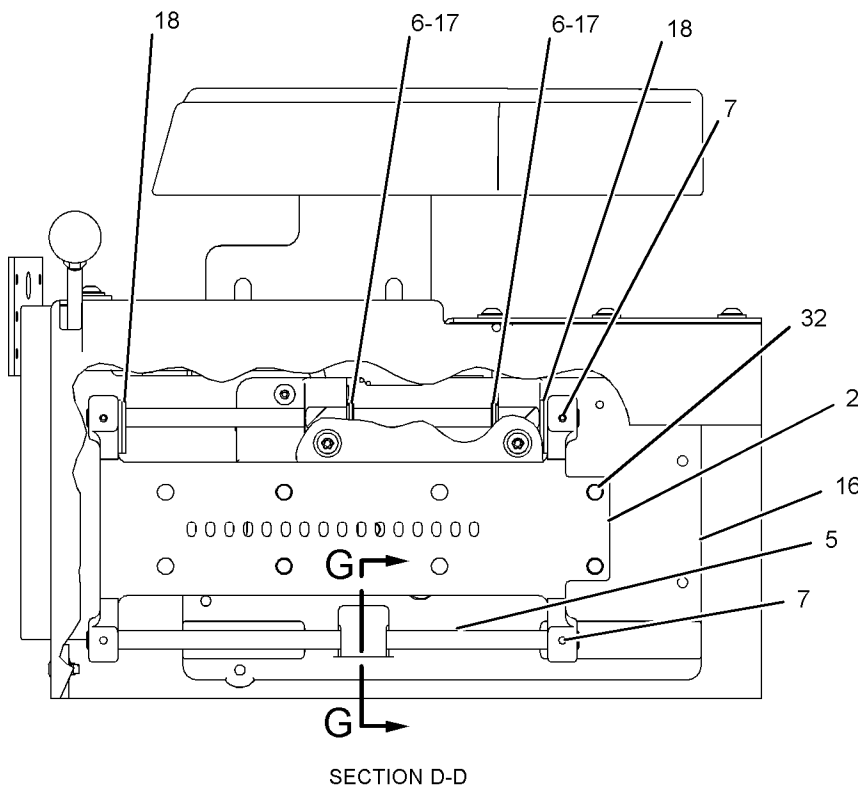
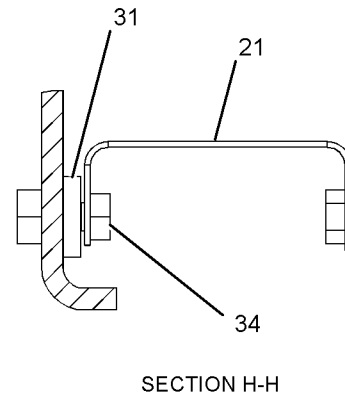
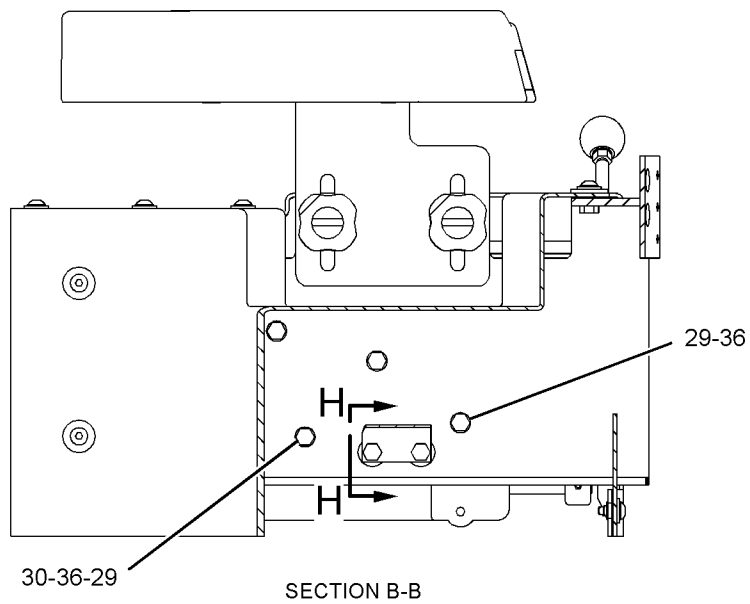
GRAPHIC #1

g01031667

OPERATOR STATION

234-9745 SUPPORT GP-HYDRAULIC CONTROL (contd.)

i02387233



GRAPHIC #2

<END>

g01031673

OPERATOR STATION

185-6571 SUPPRESSION GP-CAB SOUND

S/N: ASX1-UP

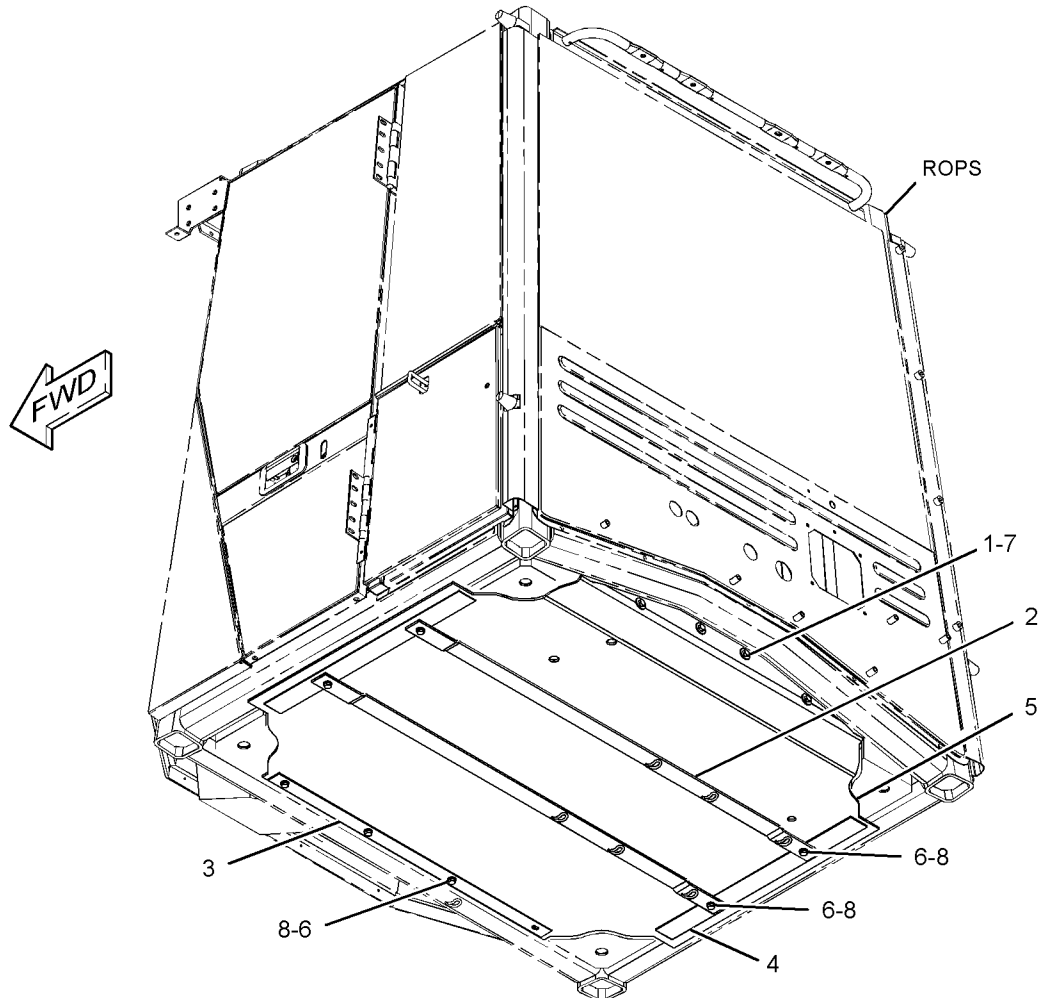
PART OF 229-5015, 292-6101 CAB AR

SMCS-7329

i02662885

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8T-4222	4	WASHER-PLATED (11X32X2.5-MM THK)						
	2	1	168-9979	2	PLATE AS						
					(EACH INCLUDES)						
		1	7T-1099	3	LINK						
	3	1	168-9980	1	PLATE						
	4	1	169-6430	2	PLATE						
	5	1	176-4092	1	BARRIER						
	6	1	8T-4121	7	WASHER-HARD (11X21X2.5-MM THK)						
M	7	1	9X-2125	4	BOLT-LOCKING (M10X1.5X25-MM)						
M	8	1	8T-0722	7	BOLT-LOCKING (M10X1.5X30-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01340863

OPERATOR STATION

191-8153 SUPPRESSION GP-CAB SOUND-LOWER

S/N: ASX1-UP

PART OF 228-7965, 228-7967 SUPPRESSION AR-SOUND
AN ATTACHMENT

SMCS-7329

i02330328

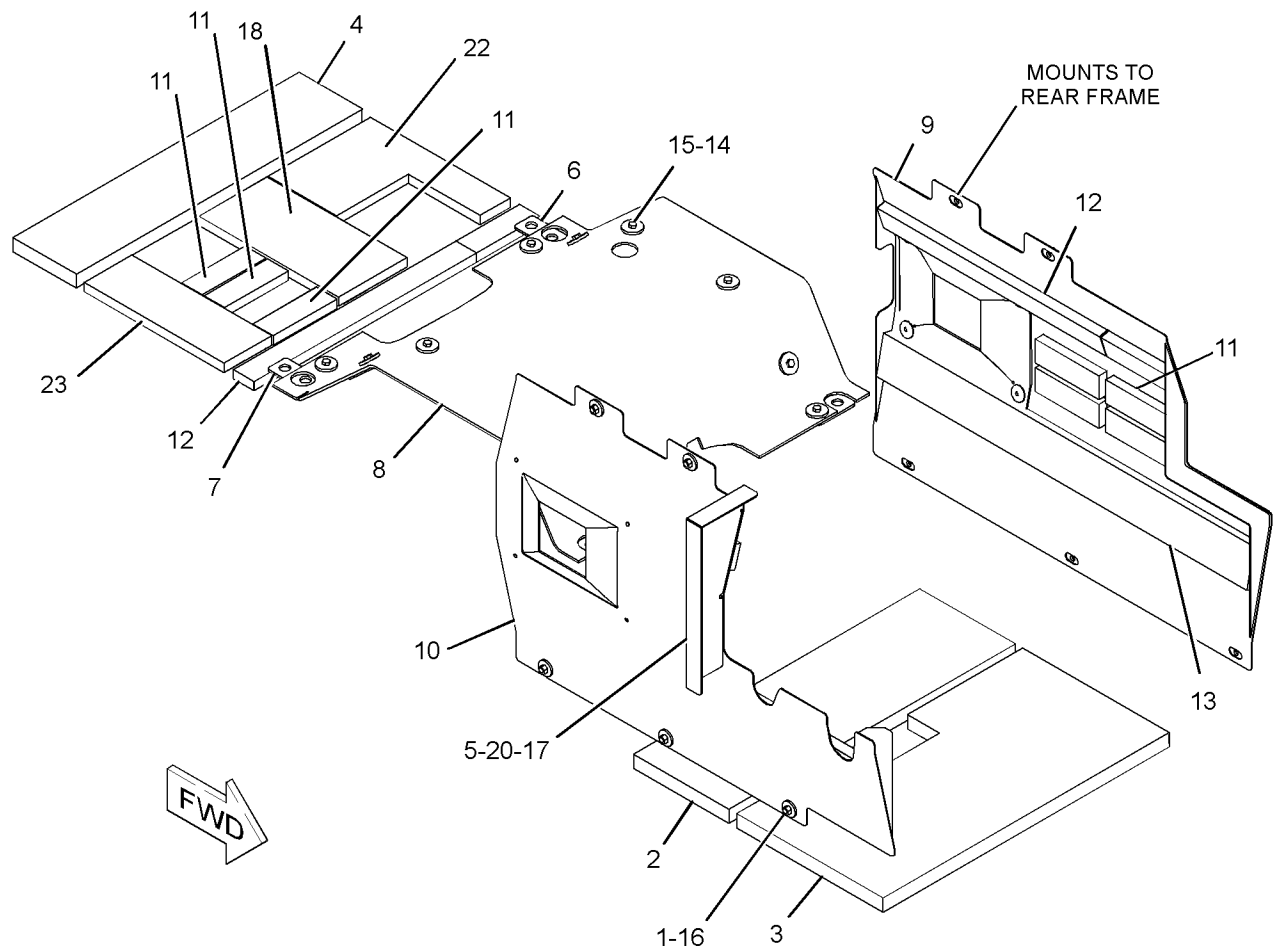
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7X-0618	10	WASHER-HARD (13.5X40X5-MM THK)						
	2	1	117-1560	1	INSULATION						
	3	1	118-0000	1	INSULATION						
	4	1	124-8630	1	INSULATION						
	5	1	7X-7729	4	WASHER (11X25X3-MM THK)						
	6	1	211-3826	1	BRACKET AS						
	7	1	211-3824	1	BRACKET AS						
	8	1	211-3828	1	SHEET						
	9	1	167-1104	1	COVER AS						
	10	1	211-3829	1	COVER AS						
	11	1	171-6799	11	INSULATION						
	12	1	171-6800	3	INSULATION						
	13	1	171-6801	2	INSULATION						
	14	1	115-6433	12	WASHER (11X50X6-MM THK)						
M	15	1	8T-4136	12	BOLT (M10X1.5X25-MM)						
M	16	1	8T-4244	10	NUT (M12X1.75-THD)						
	17	1	207-6131	1	PLATE						
	18	1	131-8641	1	INSULATION						
M	20	1	8T-4137	4	BOLT (M10X1.5X20-MM)						
	22	1	253-8746	1	INSULATION						
	23	1	131-8642	1	INSULATION						

M-METRIC PART

OPERATOR STATION

191-8153 SUPPRESSION GP-CAB SOUND (contd.)

i02330328



GRAPHIC #1

<END>

g01163400

OPERATOR STATION

191-2933 SUSPENSION GP-SEAT-AIR

S/N: ASX1-UP

PART OF 191-2996 SEAT GP-SUSPENSION

SMCS-7324

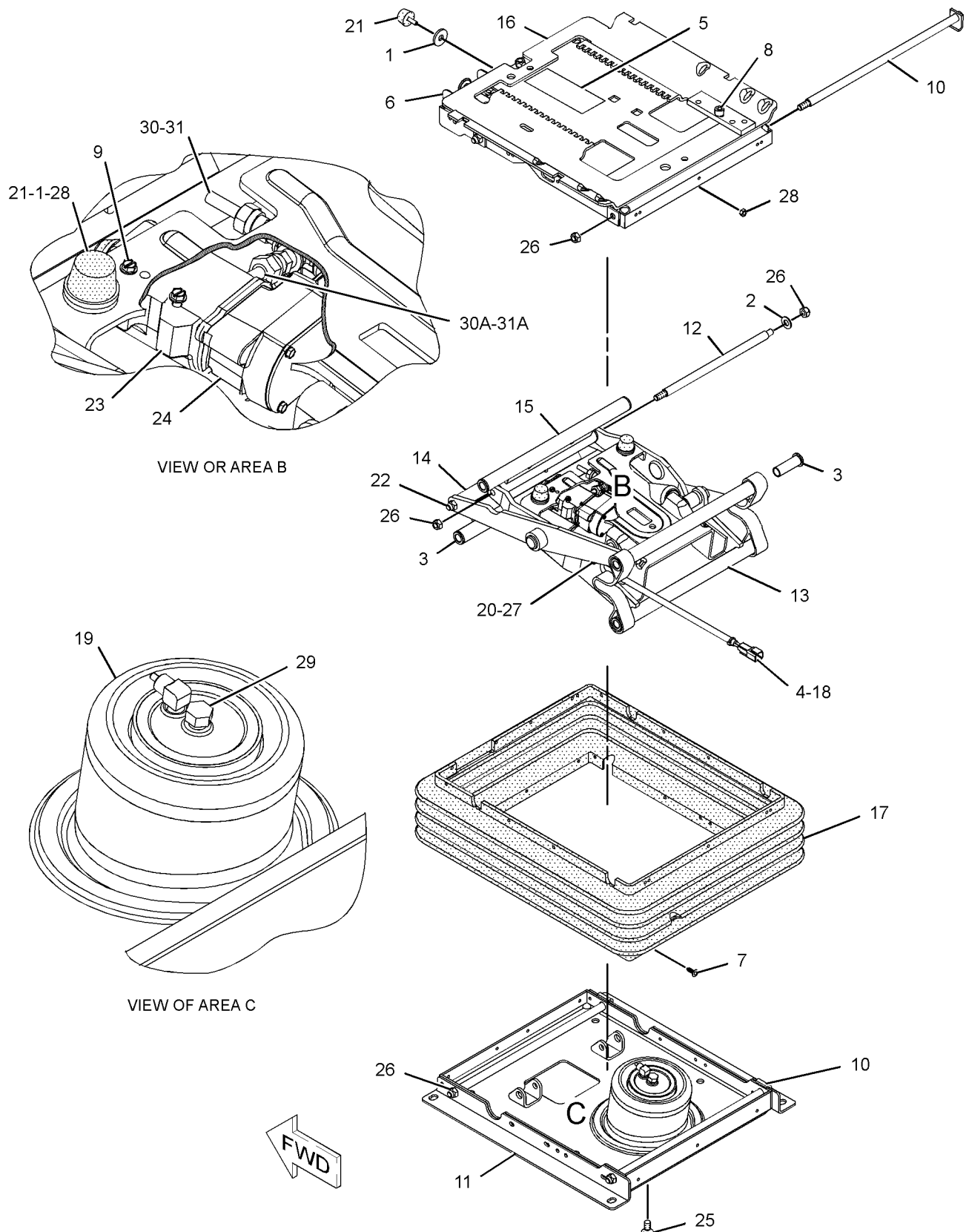
i02396615

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3P-9900	5	WASHER (10.5X30X3-MM THK)	
	2	1	4B-4278	2	WASHER (10.2X20.5X1.6-MM THK)	
	3	1	4V-8577	12	BEARING	
	4	1	8L-8413	1	STRAP-CABLE	
	5	1	145-0326	1	FILM-INSTRUCTION (SEAT ADJUSTMENT)	
	6	1	164-1234	1	PLATE	
	7	1	101-0003	33	FASTENER	
	8	1	169-7380	1	BOLT-SOCKET HEAD (3/8-16X0.375-IN)	
	9	1	186-5107	2	SCREW (NO 8X1.25-IN)	
	10	1	192-7752	4	SHAFT AS	
	11	1	192-7755	1	HOUSING AS	
	12	1	192-7760	1	SHAFT	
	13	1	192-7767	1	SCISSORS AS	
	14	1	192-7783	1	TOGGLE AS	
	15	1	192-7787	1	TOGGLE AS	
	16	1	192-7790	1	HOUSING AS	
	17	1	192-7795	1	BOOT	
	18	1	192-7805	1	HARNESS AS-VALVE (SEAT AIR COMPRESSOR)	
		1	102-8802	1	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
	19	1	192-7810	1	SPRING AS-AIR	
		1	5P-4423	1	ELBOW	
		1	163-1135	1	SPRING	
	20	1	192-7812	1	BOLT-SHOULDER (3/8-16X2-IN)	
	21	1	192-7820	3	BUMPER	
	22	1	192-7822	1	SHAFT	
	23	1	237-3943	1	BRACKET	
Y	24	1	237-3970	1	AIR COMPRESSOR GP-SEAT	783
	25	1	1H-8296	1	SCREW-MACHINE (3/8-16X0.52-IN)	
	26	1	2K-4973	8	LOCKNUT (3/8-16-THD)	
	27	1	3J-4818	1	LOCKWASHER	
M	28	1	5C-2890	3	NUT (M6X1-THD)	
	29	1	8T-9371	1	BOLT (3/8-16X0.5-IN)	
E	30	1	211-5358		CONDUIT-FLEXIBLE (26.7-CM)	
E	30A	1	211-5358		CONDUIT-FLEXIBLE (35.6-CM)	
D	31	1	5P-6010		TUBE (0.267-M)	
D	31A	1	5P-6010		TUBE (0.356-M)	
AVAILABLE REPAIR KIT(S) :						
			192-7799	1	KIT-AIR VALVE (SUSPENSION SEAT) (INCLUDES KNOB AS, NUT, VALVE, LOCKWASHER & FITTING)	
			192-7848	1	KIT-SHOCK ABSORBER (SUSPENSION SEAT) (INCLUDES LOCKNUT, LOCKWASHER, SHOCK ABSORBER, BEARING, WASHER, & BOLTS)	
			211-9294	1	KIT-TETHER (SUSPENSION SEAT)	
D- ORDER BY THE METER E- ORDER BY THE CENTIMETER M- METRIC PART Y- SEPARATE ILLUSTRATION						

OPERATOR STATION

191-2933 SUSPENSION GP-SEAT (contd.)

i02396615



GRAPHIC #1

<END>

g01197079

OPERATOR STATION

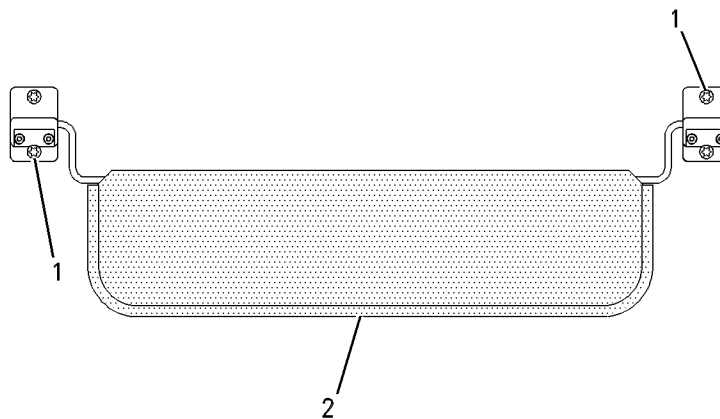
131-2633 VISOR GP-CAB

S/N: ASX1-UP
AN ATTACHMENT

SMCS-7301

i00985271

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
M	1	1	111-4627	4	SCREW-MACHINE	
	2	1	123-4371	1	VISOR AS	
M-METRIC PART						



REAR VIEW

GRAPHIC #1

<END>

g00501655

OPERATOR STATION

201-5587 WASHER GP-WINDOW

S/N: ASX1-UP

PART OF 226-9594, 300-6281 CHASSIS AR

SMCS-7306

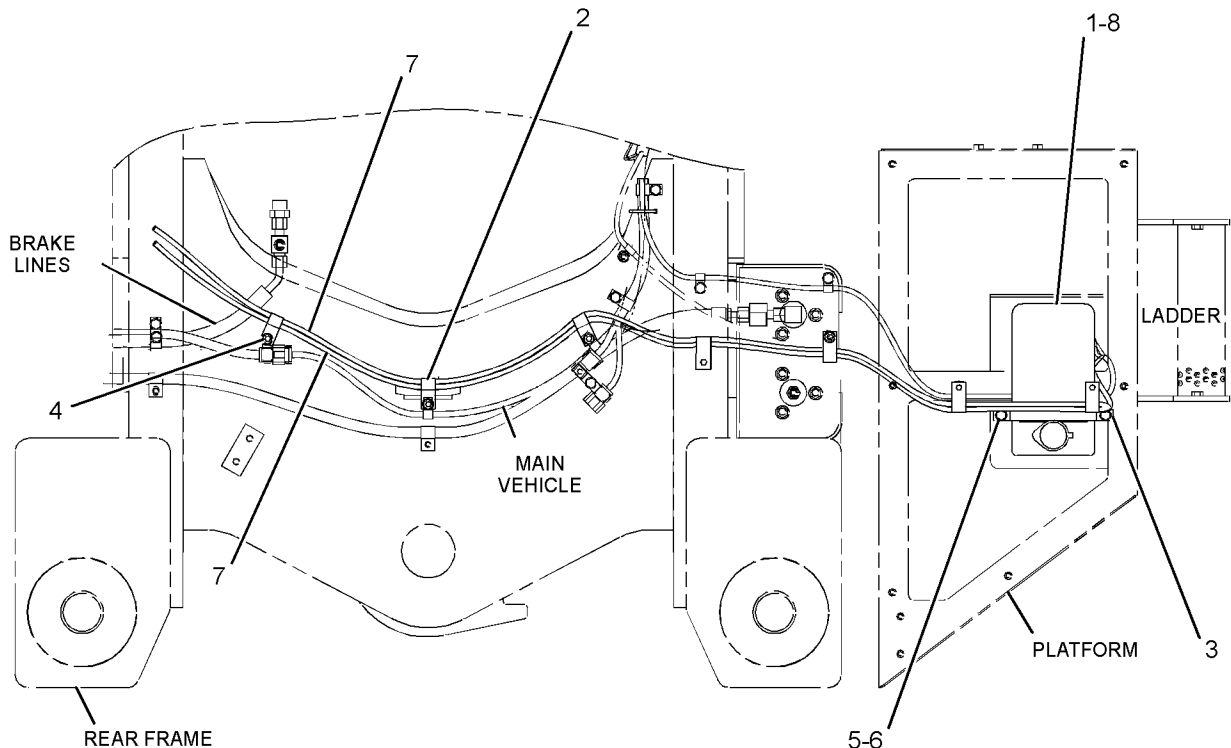
i02761682

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5G-7398	1	TANK AS-WINDOW WASHER						
		1	3W-6398	1	CAP (WINDOW WASHER)						
		1	3W-6399	1	PACKING						
		1	7T-8890	2	PUMP AS-WASHER						
		1	8T-5913	2	SCREEN-FILTER (WINDOW WASHER RESERVOIR)						
		1	8T-5914	2	GROMMET						
	2	1	6D-6949	7	CLIP						
	3	1	8G-6142	1	STRIP						
	4	1	163-5382	1	SPACER (10.5X25X0.25-MM THK)						
	5	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
M	6	1	8T-4136	2	BOLT (M10X1.5X25-MM)						
E	7	1	144-0195		HOSE (220-CM EACH)						
D	8	1	6V-2496		SEAL (0.4-M)						

D-ORDER BY THE METER

E-ORDER BY THE CENTIMETER

M-METRIC PART



TOP VIEW

GRAPHIC #1

<END>

g01353569

OPERATOR STATION

113-2512 WINDOW GP - DOOR-LH

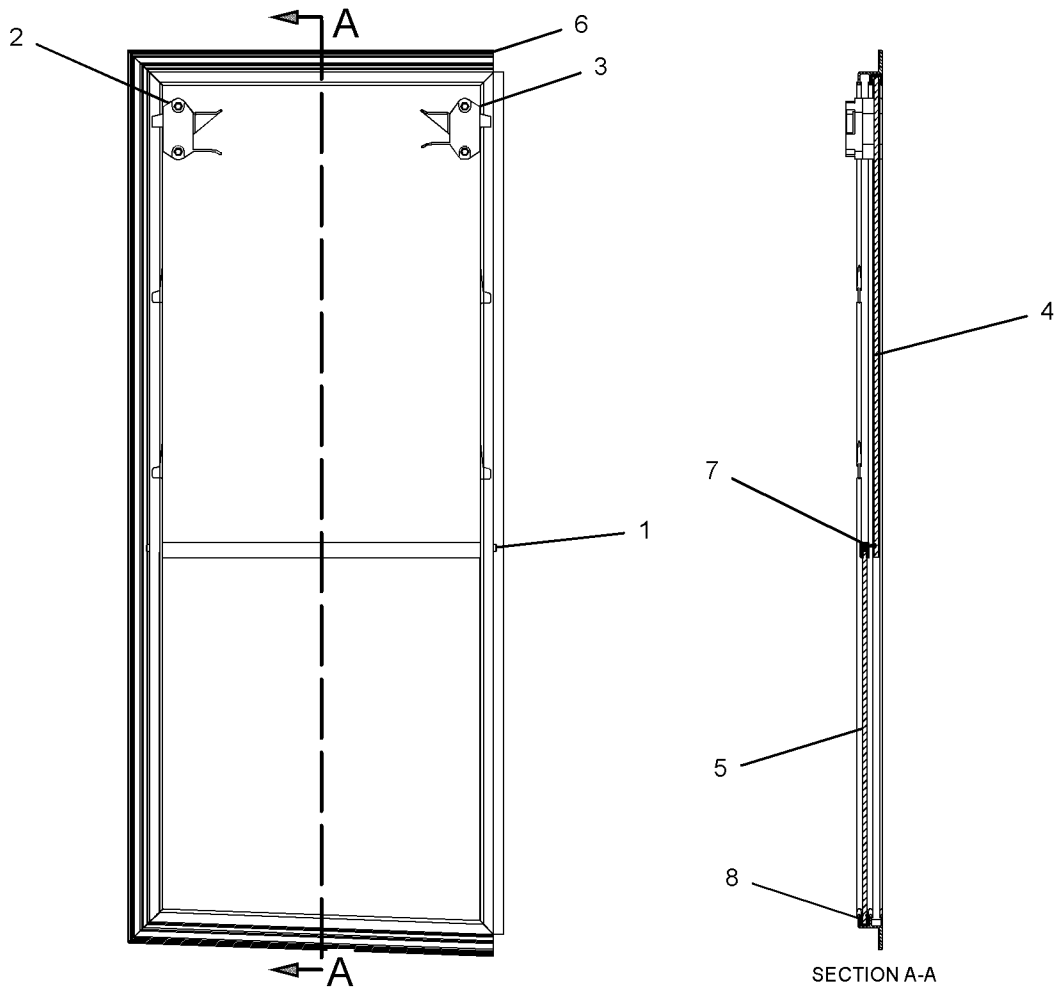
S/N: ASX1-UP

PART OF 216-5384 WINDOW GP - DOOR
AN ATTACHMENT

SMCS-7310

i02531177

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	1	1	8C-6738	2	SCREW- PAN HEAD (6-20X1 -IN)						
C	2	1	187-5127	1	CATCH AS (LH)						
C	3	1	187-5128	1	CATCH AS (RH)						
C	4	1	207-0533	1	GLASS						
C	5	1	207-0534	1	GLASS						
C	6	1	207-0535	1	FRAME AS						
C	7	1	207-0547	1	STRIP AS						
C	8	1	286-9380	1	KIT-SEAL						
(SEAL KIT INCLUDES GLAZING SEALS AND STOP)											
C-CHANGE FROM PREVIOUS TYPE											



GRAPHIC #1

<END>

SECTION A-A

g01284267

OPERATOR STATION

113-2513 WINDOW GP - DOOR-RH

S/N: ASX1-UP

PART OF 216-5204 WINDOW GP - DOOR
AN ATTACHMENT

SMCS-7310

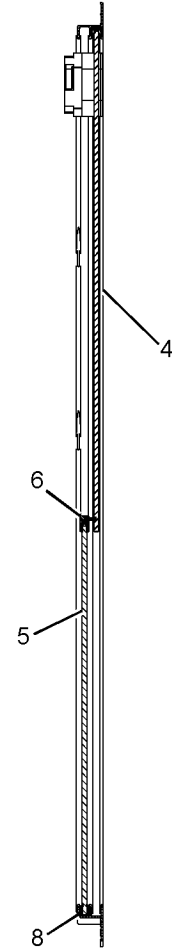
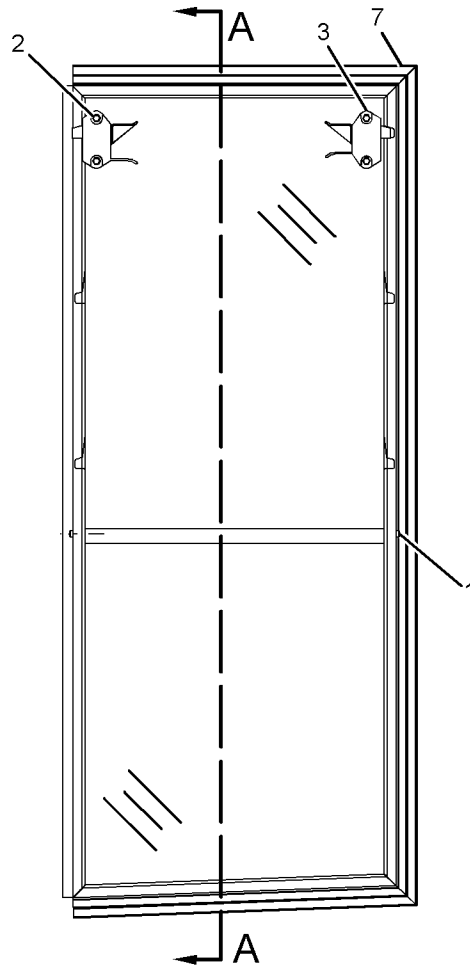
i02531179

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	1	1	8C-6738	2	SCREW-PAN HEAD (6-20X1-IN)						
C	2	1	187-5127	1	CATCH AS (LH)						
C	3	1	187-5128	1	CATCH AS (RH)						
C	4	1	207-0533	1	GLASS						
C	5	1	207-0534	1	GLASS						
C	6	1	207-0547	1	STRIP AS						
C	7	1	208-5150	1	FRAME AS						
C	8	1	286-9380	2	KIT-SEAL						
					(EACH INCLUDES)						
D		1	9X-2532		SEAL (1-M)						
D		1	9X-2533		STOP (1-M)						
E		1	137-2170		SEAL (275-CM)						
E		1	208-5022		SEAL (150-CM)						

C- CHANGE FROM PREVIOUS TYPE

D- ORDER BY THE METER

E- ORDER BY THE CENTIMETER



SECTION A-A

GRAPHIC #1

<END>

g01286521

OPERATOR STATION

216-5190 WINDOW GP-D00R-RH

S/N: ASX1-UP

PART OF 216-5204 WINDOW GP-D00R

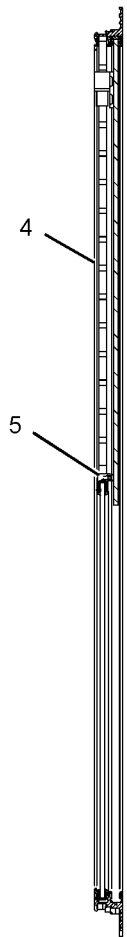
FIELD REPLACEMENT FOR 216-5204-PAGE 903

AN ATTACHMENT

SMCS-7310

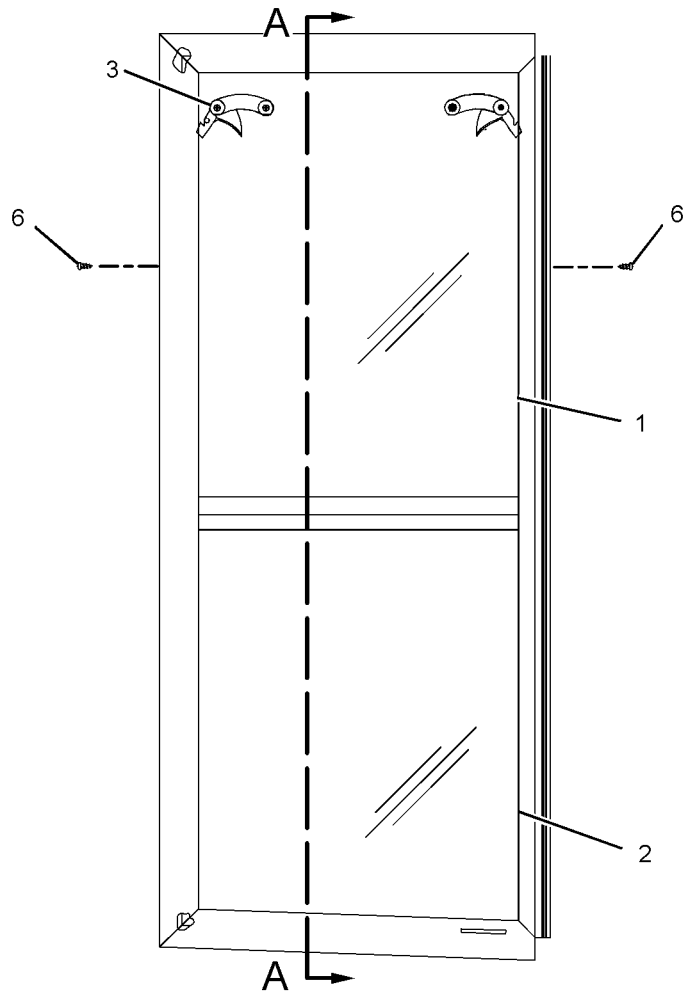
i02216707

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	216-5191	1	GLASS (UPPER)						
	2	1	216-5192	1	GLASS (LOWER)						
	3	1	216-5193	2	CATCH AS						
	4	1	216-5194	2	RAIL						
	5	1	216-5195	1	RAIL AS						
	6	1	3S-9557	6	SCREW-PAN HEAD (4-40X0.5-IN)						



SECTION A-A

GRAPHIC #1



g01118796

OPERATOR STATION

216-5204 WINDOW GP-DOOR-RH

S/N: ASX1-UP

PART OF 124-5149 WINDOW GP-SLIDING
FIELD REPLACEMENT FOR 216-5190-PAGE 902
AN ATTACHMENT

SMCS-7310

i01834476

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	113-2513	1	WINDOW GP-DOOR (RH)						901
Y	216-5190	1	WINDOW GP-DOOR (RH)						902
Y-SEPARATE ILLUSTRATION									

<END>

216-5384 WINDOW GP-DOOR-LH

S/N: ASX1-UP

PART OF 124-5149 WINDOW GP-SLIDING
FIELD REPLACEMENT FOR 216-5385-PAGE 904
AN ATTACHMENT

SMCS-7310

i02283066

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	216-5385	1	WINDOW GP-DOOR (LH)						904
Y	113-2512	1	WINDOW GP-DOOR (LH)						900
Y-SEPARATE ILLUSTRATION									

<END>

OPERATOR STATION

216-5385 WINDOW GP-D00R-LH

S/N: ASX1-UP

PART OF 216-5384 WINDOW GP-D00R

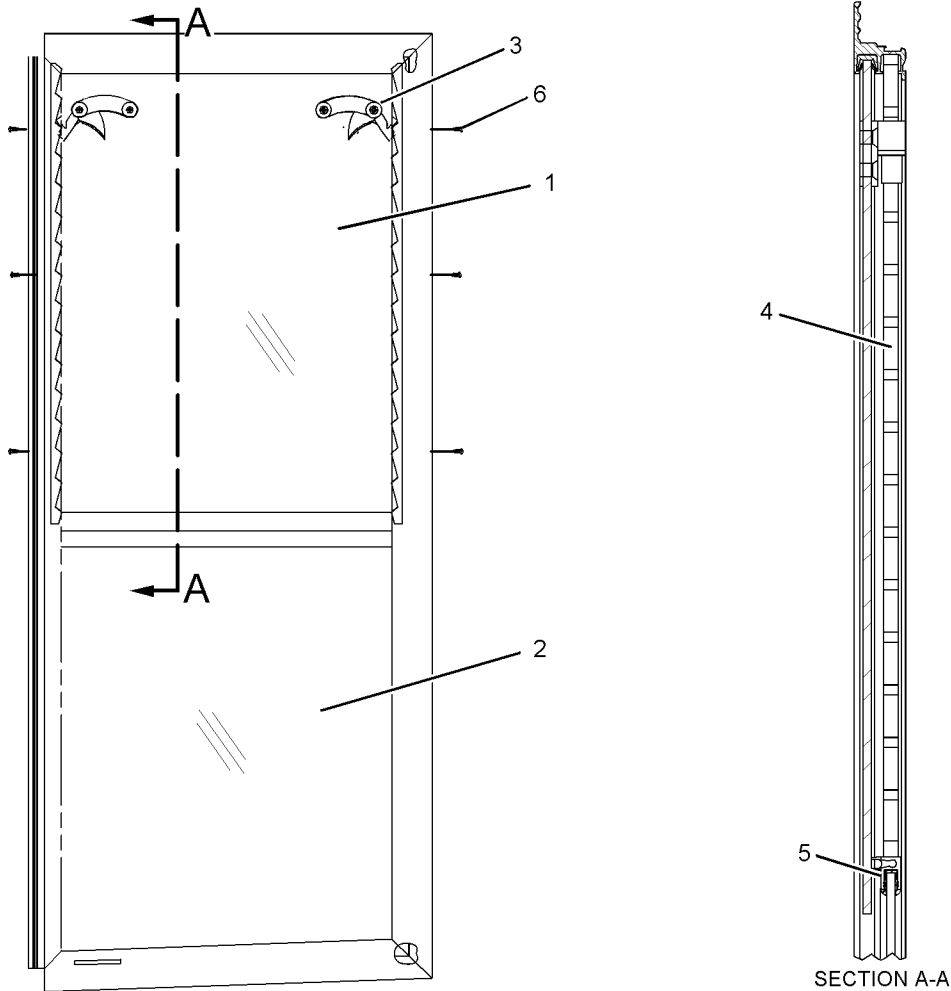
FIELD REPLACEMENT ORDER 216-5384-PAGE 903

AN ATTACHMENT

SMCS-7310

i02216695

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	216-5191	1	GLASS (UPPER)						
	2	1	216-6397	1	GLASS (LOWER)						
	3	1	216-5193	2	CATCH AS						
	4	1	216-5194	2	RAIL						
	5	1	216-5195	1	RAIL AS						
	6	1	3S-9557	6	SCREW-PAN HEAD (4-40X0.5-IN)						



g01118798

OPERATOR STATION

124-5149 WINDOW GP-SLIDING

S/N: ASX1-UP

SLIDING

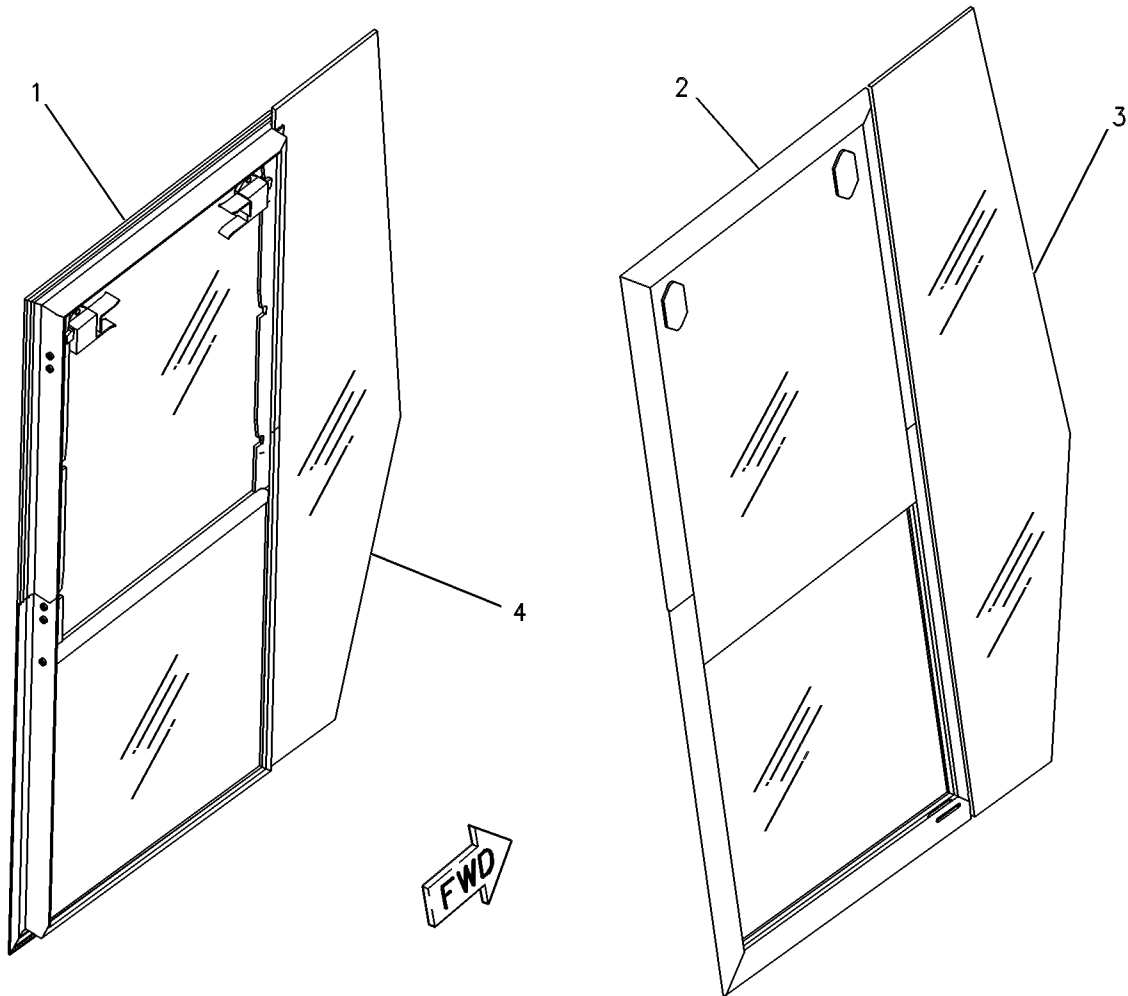
PART OF 190-6759 ROPS GP-ENCLOSED
AN ATTACHMENT

SMCS-7310

i02758490

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
CY	1	1	216-5384	1	WINDOW GP-DOOR (LH)						903
CY	2	1	216-5204	1	WINDOW GP-DOOR (RH)						903
	3	1	113-4253	1	GLASS (DOOR, RH)						
	4	1	113-4409	1	GLASS (DOOR, LH)						

C- CHANGE FROM PREVIOUS TYPE
Y- SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00121434

OPERATOR STATION

109-8196 WIPER GP - WINDOW

S/N: ASX1-224

PART OF 229-5015 CAB AR

SMCS-7305

i02387234

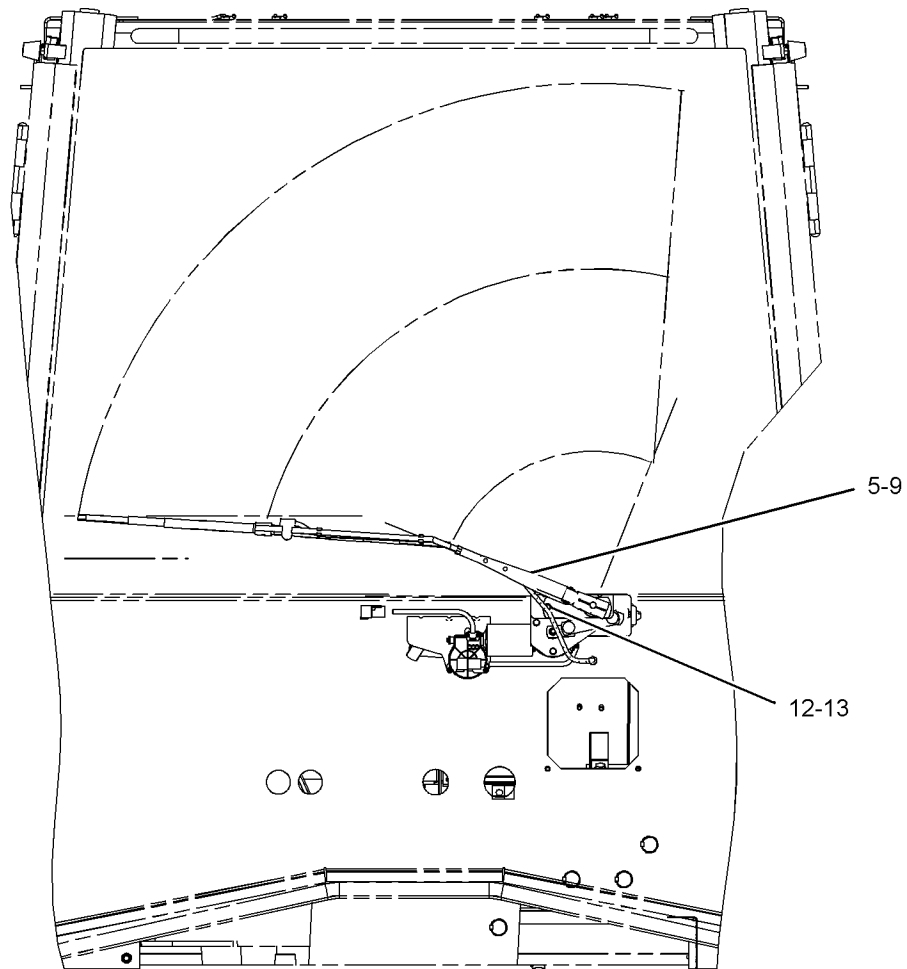
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	3S-2093	4	STRAP-CABLE						
	2	1	5P-9297	1	CLIP						
	3	1	6V-6210	1	GASKET-SHAFT						
M	4	1,2	6V-6889	4	NUT (M8X1.25-THD)						
	5	1,2	6V-7419	2	BLADE AS-WIPER (700-MM)						
	6	1,2	8T-5400	4	CONNECTOR (90-DEG)						
	7	1	124-3637	1	PLATE-WIPER						
CY	8	2	214-7635	1	ARM GP-WINDOW WIPER (FRONT)						789
CY	9	1	214-7634	1	ARM GP-WINDOW WIPER (REAR)						788
Y	10	1	155-5789	1	MOTOR GP-WINDOW WIPER (REAR)						841
Y	11	1	155-5790	1	MOTOR GP-WINDOW WIPER (FRONT)						842
M	12	1	5C-9553	1	BOLT (M6X1X16-MM)						
	13	1	8T-4205	1	WASHER-HARD (7.2X14.5X2-MM THK)						
D	14	2	144-0195		HOSE (1.1-M)						
D	15	2	144-0195		HOSE (1.9-M)						

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

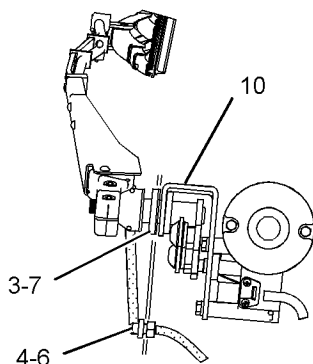
OPERATOR STATION

109-8196 WIPER GP-WINDOW (contd.)

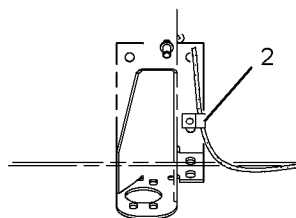
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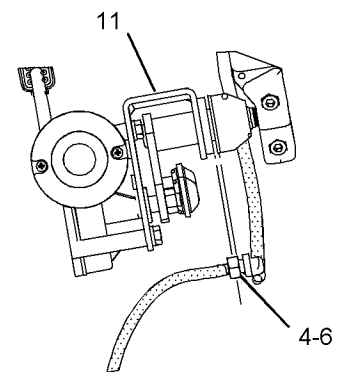
REAR VIEW



VIEW OF AREA A



VIEW D-D



VIEW OF AREA B

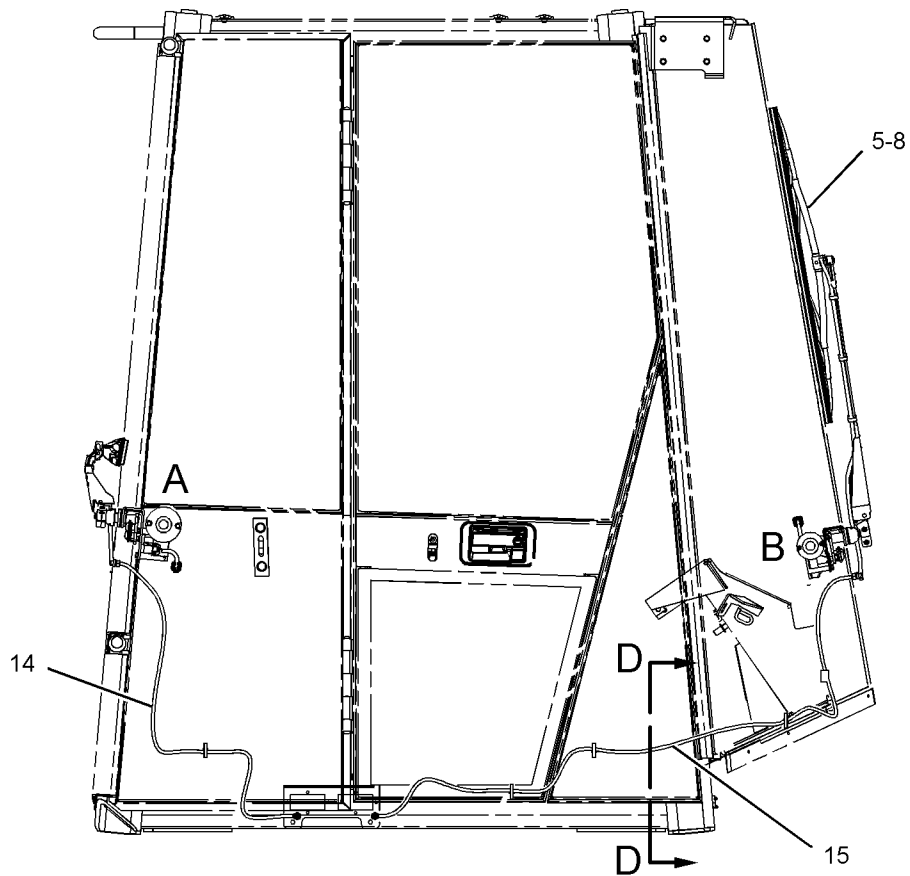
GRAPHIC #1

g01021908

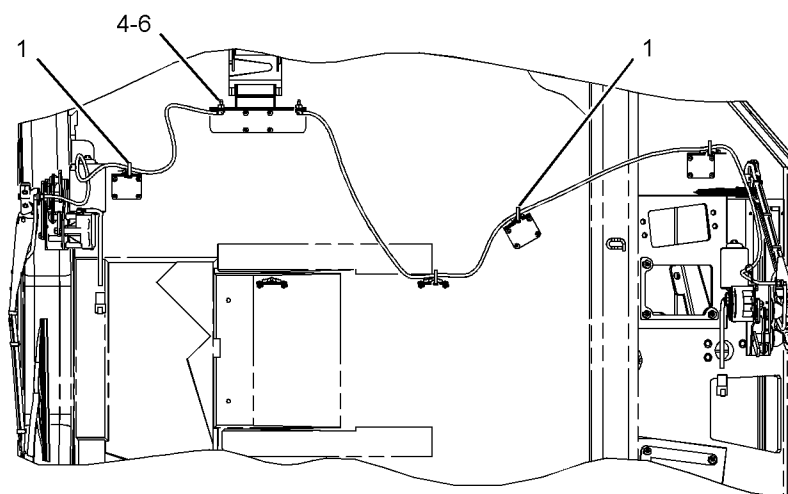
OPERATOR STATION

109-8196 WIPER GP-WINDOW (contd.)

i02387234



RIGHT SIDE VIEW



BOTTOM VIEW
<END>

GRAPHIC #2

g01021910

OPERATOR STATION

109-8196 WIPER GP-WINDOW

S/N: ASX225-UP

PART OF 229-5015, 292-6101 CAB AR

SMCS-7305

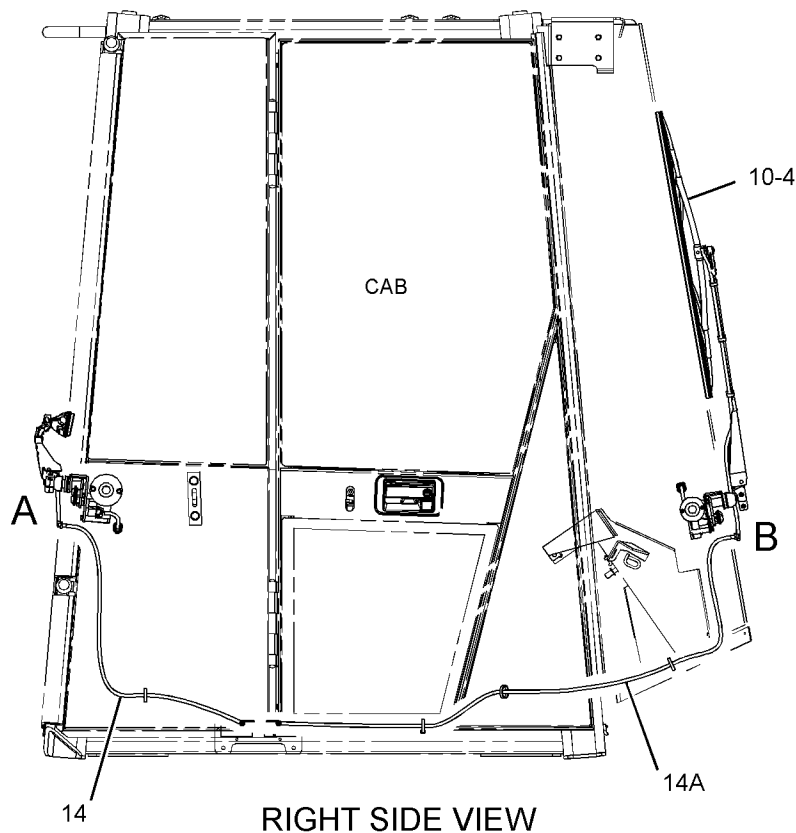
i02610408

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3S-2093	4	STRAP-CABLE	
C	2	1	3V-3263	2	CONNECTOR (HOSE)	
	3	1	6V-6210	1	GASKET-SHAFT	
	4	1,2	6V-7419	2	BLADE AS-WIPER (700-MM)	
C	5	1,2	8T-5400	2	CONNECTOR (90-DEG)	
	6	1	124-3637	1	PLATE-WIPER	
Y	7	1	155-5789	1	MOTOR GP-WINDOW WIPER (REAR)	841
Y	8	2	155-5790	1	MOTOR GP-WINDOW WIPER (FRONT)	842
Y	9	2	214-7634	1	ARM GP-WINDOW WIPER (REAR)	788
Y	10	1	214-7635	1	ARM GP-WINDOW WIPER (FRONT)	789
M	11	2	5C-9553	1	BOLT (M6X1X16-MM)	
C	12	1	5P-9085	2	CLIP	
	13	2	8T-4205	1	WASHER-HARD (7.2X14.5X2-MM THK)	
CE	14	1	144-0195		HOSE (110-CM)	
CE	14A	1	144-0195		HOSE (190-CM)	
C- CHANGE FROM PREVIOUS TYPE E- ORDER BY THE CENTIMETER M- METRIC PART Y- SEPARATE ILLUSTRATION						

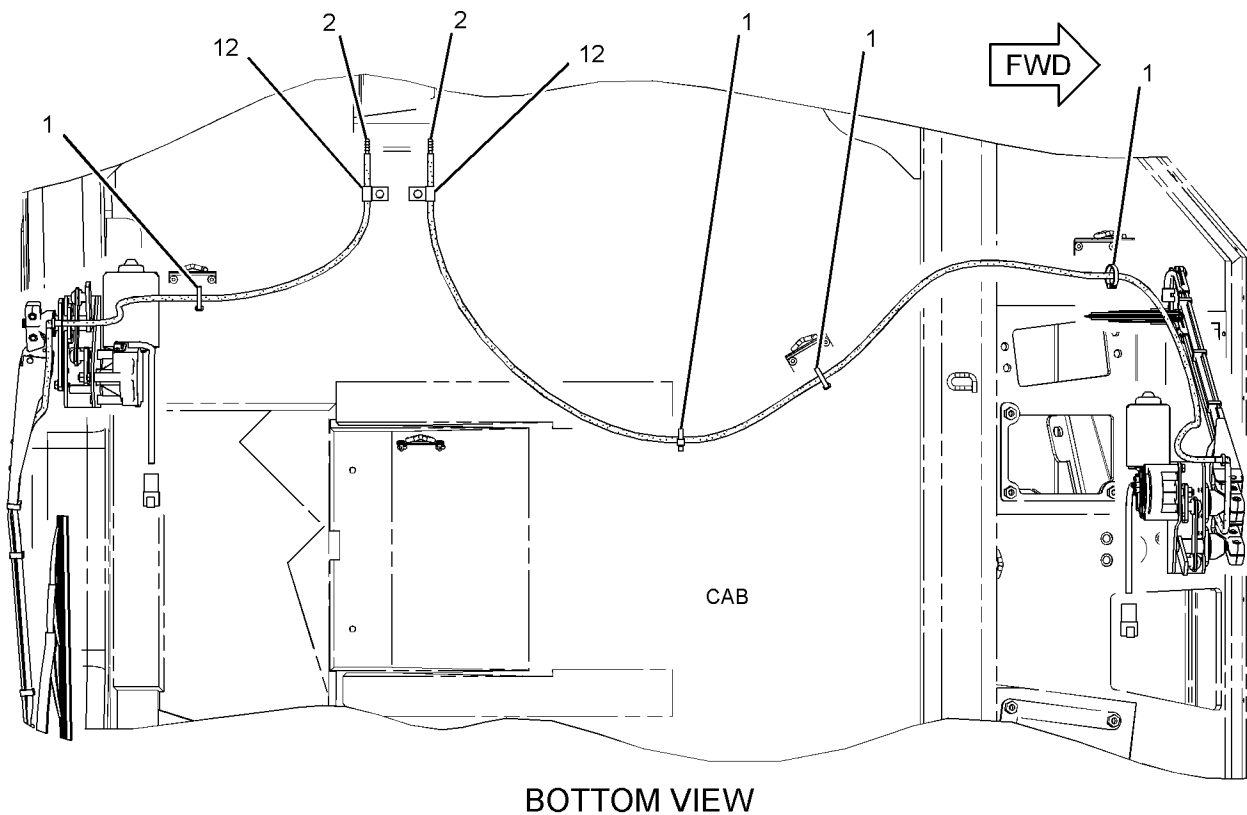
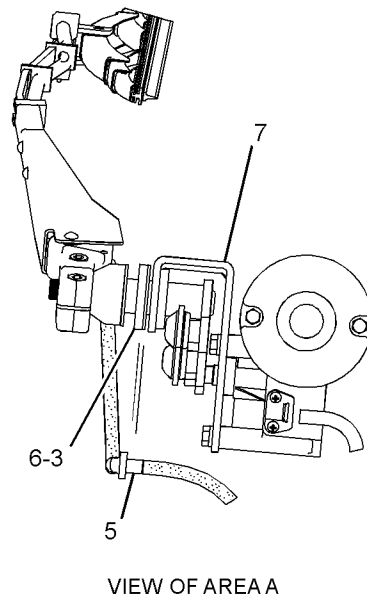
OPERATOR STATION

109-8196 WIPER GP-WINDOW (contd.)

i02610408



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



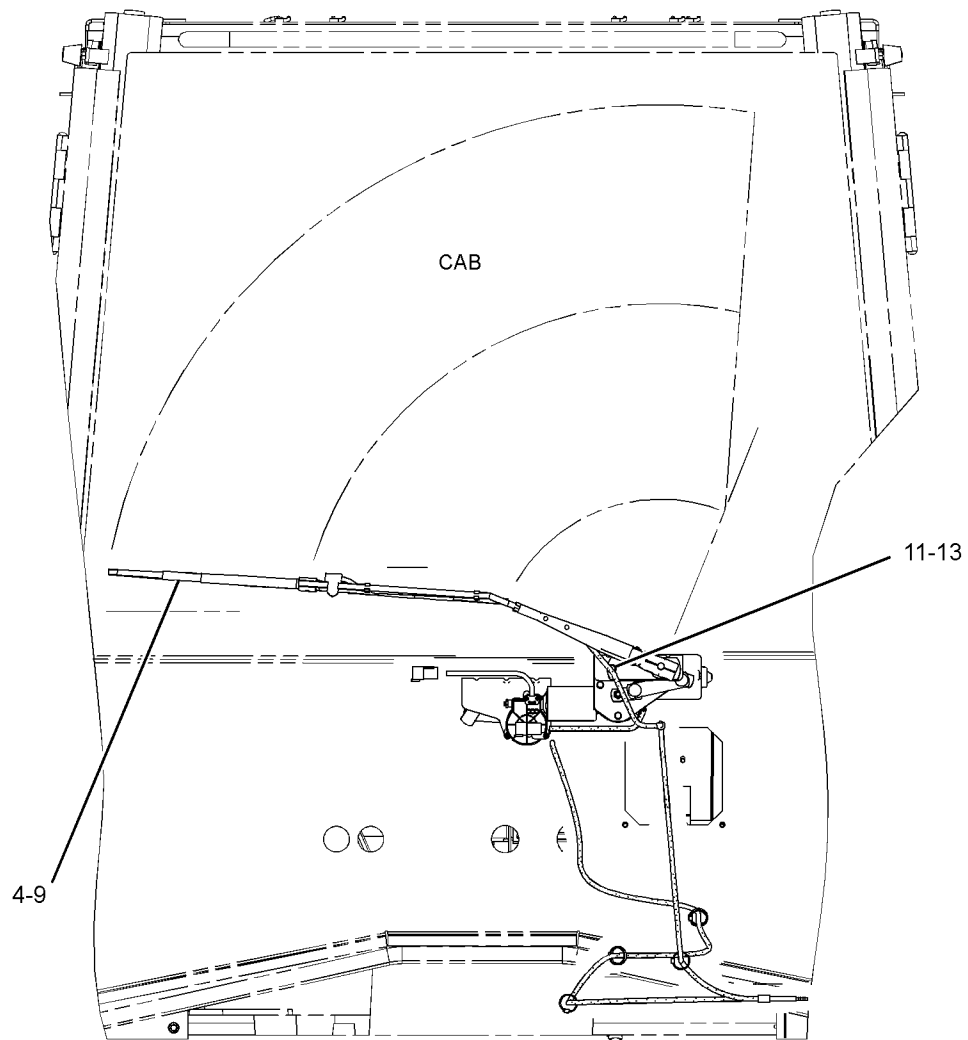
GRAPHIC #1

g01338113

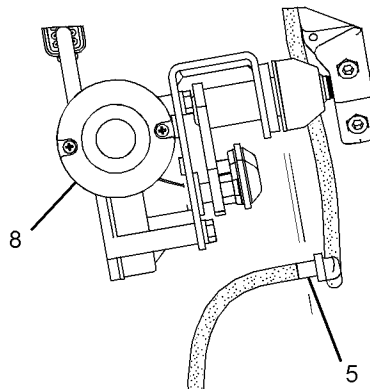
OPERATOR STATION

109-8196 WIPER GP-WINDOW (contd.)

i02610408



REAR VIEW



VIEW OF AREA B

GRAPHIC #2

<END>

g01338115

SERVICE EQUIPMENT AND SUPPLIES

234 - 8940 CERTIFICATION GP-MACHINE

S/N: ASX1-UP

FOR USE WITH 228-7965—PAGE 569, 228-7967—PAGE 569
AN ATTACHMENT

SMCS-7557

i02279491

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	132-3392	3	FORM-CERTIFICATION						
<END>									

SERVICE EQUIPMENT AND SUPPLIES

237-7346 FILM GP

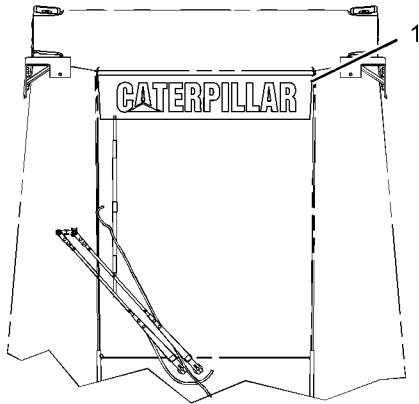
S/N: ASX1-248

PART OF 229-0253 PLATE & FILM GP

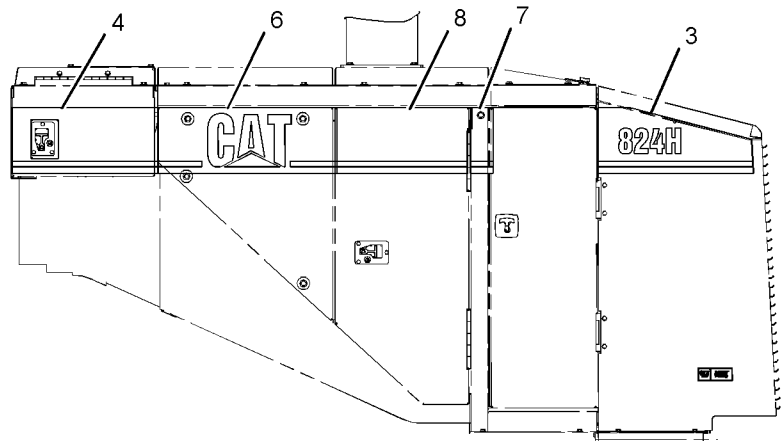
SMCS-7405, 7557

i02216005

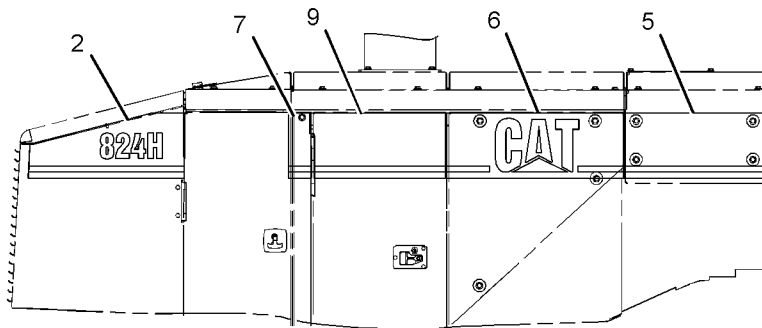
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	100-5621	2	FILM-IDENTIFICATION (CATERPILLAR)						
	2	1	253-2700	1	FILM-STRIPE (824H, RH)						
	3	1	253-2701	1	FILM-STRIPE (824H, LH)						
	4	1	254-7340	1	FILM-STRIPE (FRONT, LH)						
	5	1	254-7341	1	FILM-STRIPE (FRONT, RH)						
	6	1	254-7345	2	FILM-STRIPE (CAT)						
	7	1	254-7351	2	FILM-STRIPE (CENTER, REAR)						
	8	1	254-7347	1	FILM-STRIPE (LH)						
	9	1	254-7348	1	FILM-STRIPE (RH)						



FRONT & REAR VIEW
(WINDSHIELD & CAB GLASS)



LEFT SIDE VIEW



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g01120642

SERVICE EQUIPMENT AND SUPPLIES

263-6089 FILM GP

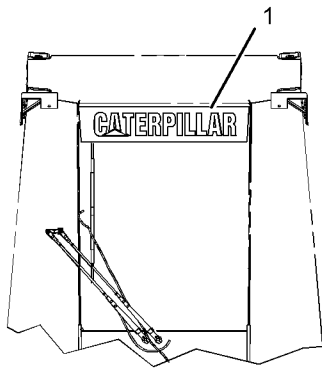
S/N: ASX1-UP

PART OF 263-6090 FENDER AR
AN ATTACHMENT

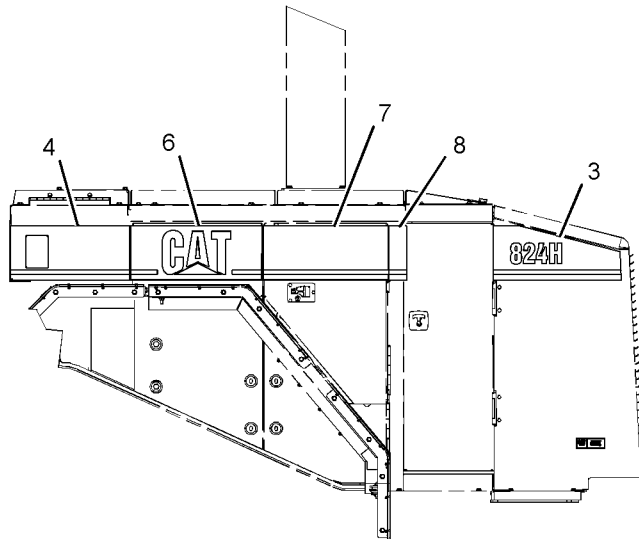
SMCS-7405, 7557

i02217833

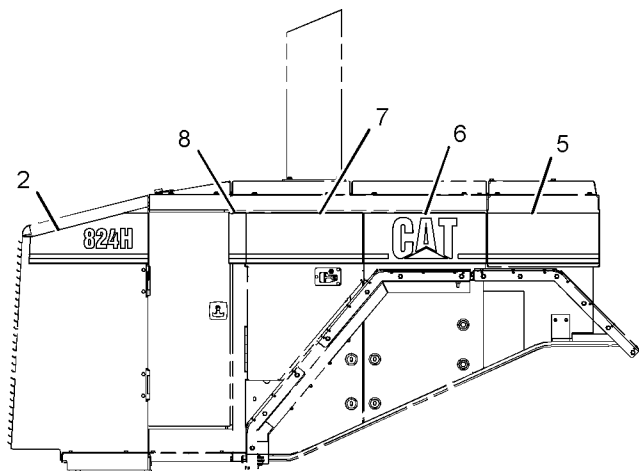
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	100-5621	2	FILM-IDENTIFICATION (CATERPILLAR)						
	2	1	253-2700	1	FILM-STRIPE (824H, RH)						
	3	1	253-2701	1	FILM-STRIPE (824H, LH)						
	4	1	254-7340	1	FILM-STRIPE (FRONT, LH)						
	5	1	254-7341	1	FILM-STRIPE (FRONT, RH)						
	6	1	254-7346	2	FILM-IDENTIFICATION (CAT)						
	7	1	254-7349	2	FILM-STRIPE (CENTER, FRONT)						
	8	1	254-7351	2	FILM-STRIPE (CENTER, REAR)						



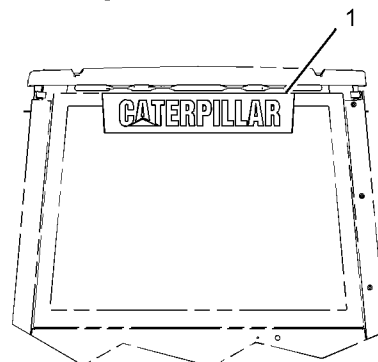
FRONT VIEW



LEFT SIDE VIEW



RIGHT SIDE VIEW



REAR VIEW

GRAPHIC #1

<END>

g01127473

SERVICE EQUIPMENT AND SUPPLIES

296 - 8314 FILM GP

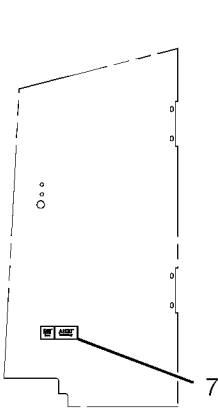
S/N: ASX249-UP

PART OF 229-0253 PLATE & FILM GP

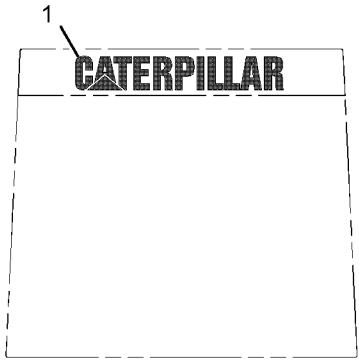
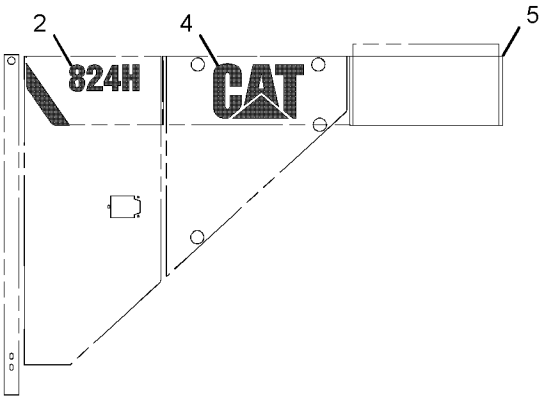
SMCS-7405, 7557

i02683916

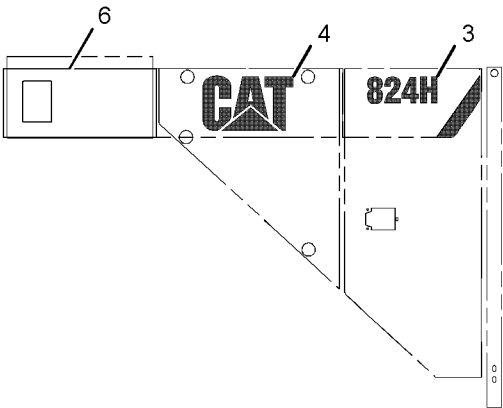
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	100-5621	2	FILM-IDENTIFICATION (CATERPILLAR)						
	2	1	296-8297	1	FILM-IDENTIFICATION (824H, HOOD, RH)						
	3	1	296-8296	1	FILM-IDENTIFICATION (824H, HOOD, LH)						
	4	1	296-8298	2	FILM (CAT)						
	5	1	296-8303	1	FILM-STRIPE (RH)						
	6	1	296-8300	1	FILM-STRIPE (LH)						
	7	1	253-0861	2	FILM-INFORMATION (CAT POWER, ACERT TECHNOLOGY)						



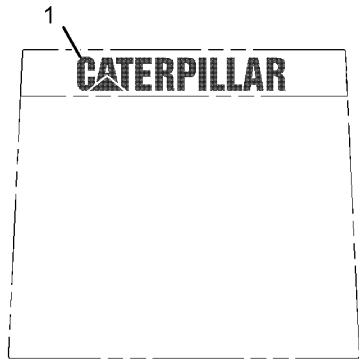
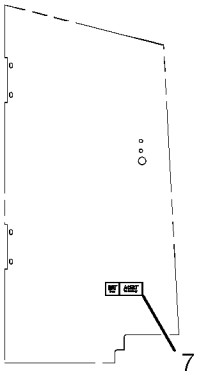
RIGHT SIDE VIEW



FRONT VIEW
(WINDSHIELD)



LEFT SIDE VIEW



REAR VIEW
(REAR WINDOW)

GRAPHIC #1

<END>

g01361689

SERVICE EQUIPMENT AND SUPPLIES

228-7025 LINES GP-DIAGNOSTIC- TRANSMISSION REMOTE PRESSURE TAPS

S/N: ASX1-169

PART OF 226-9594 CHASSIS AR

SMCS-7554

i02211860

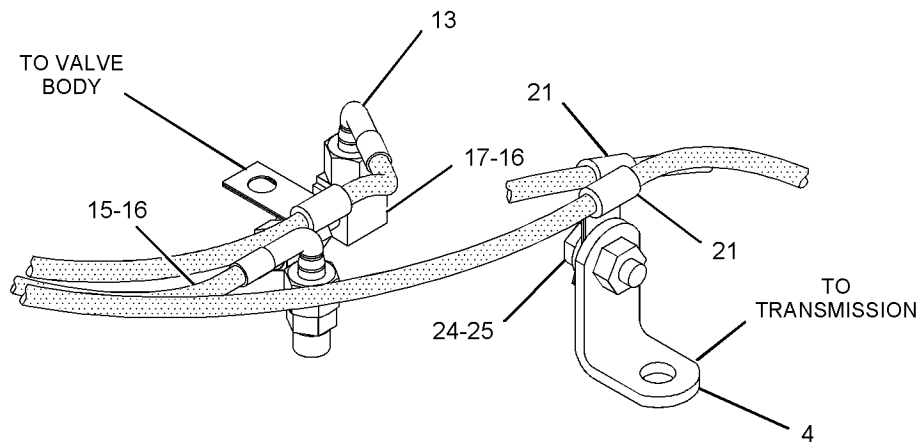
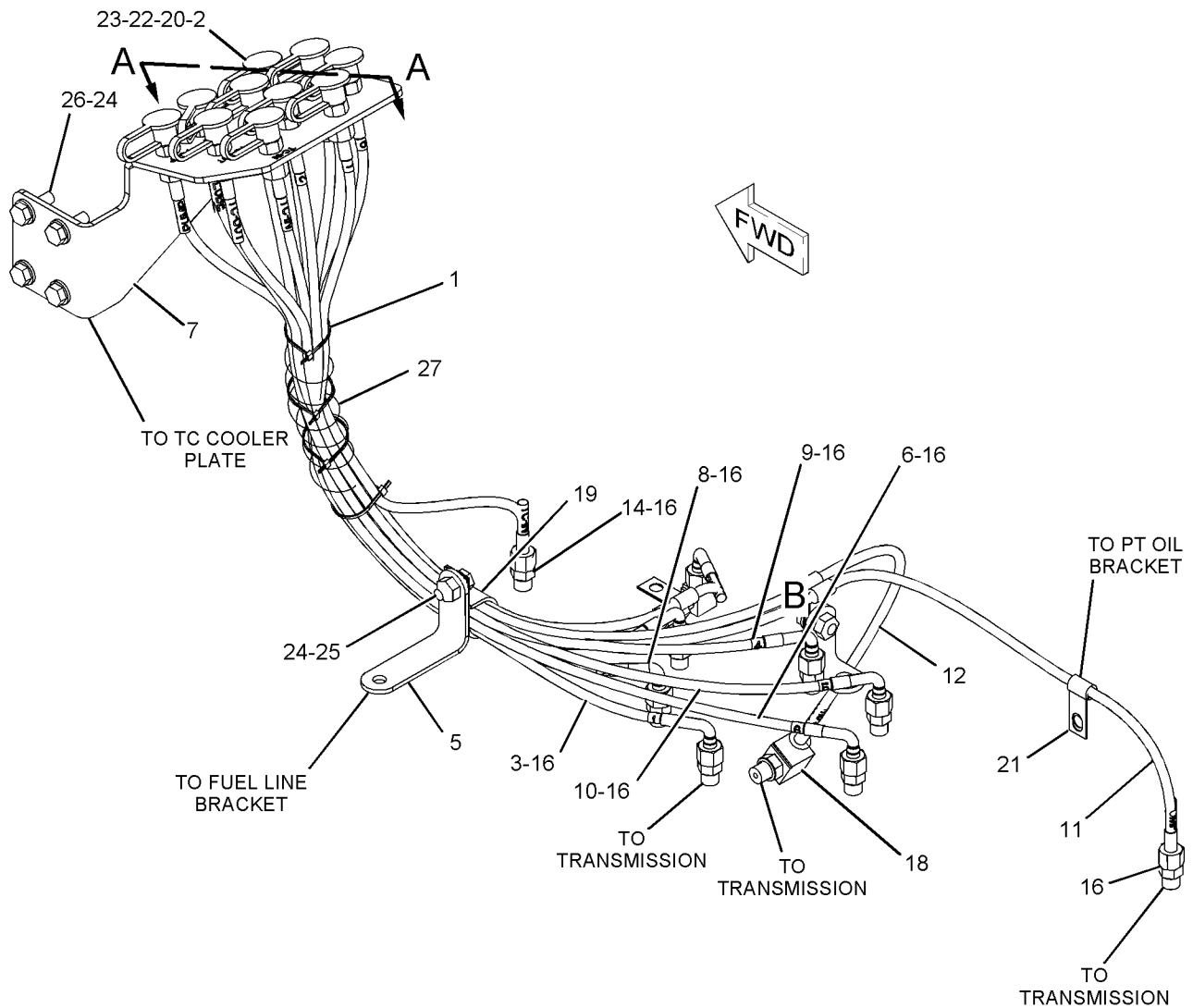
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	9X-6772	4	STRAP-CABLE	
	2	1	185-6250	10	FITTING AS	
	3	1	228-7028	1	HOSE AS (TMSN CLUTCH 1 PRESSURE)	
	4	1	228-7031	1	BRACKET AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	5	1	228-7080	1	BRACKET AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	6	1	233-5082	1	HOSE AS (TMSN CLUTCH 6 PRESSURE)	
	7	1	259-7141	1	BRACKET	
	8	1	259-7142	1	HOSE AS (TMSN CLUTCH 2 PRESSURE)	
	9	1	259-7144	1	HOSE AS (TMSN CLUTCH 4 PRESSURE)	
	10	1	259-7145	1	HOSE AS (TMSN CLUTCH 5 PRESSURE)	
	11	1	259-7146	1	HOSE AS	
	12	1	259-7147	1	HOSE AS (TORQUE CONVERTER OUTLET PRESS)	
	13	1	259-7148	1	HOSE AS	
	14	1	259-7149	1	HOSE AS (TORQUE CONVERTER INLET PRESS)	
	15	1	259-7150	1	HOSE AS (TMSN CLUTCH 3 PRESSURE)	
	16	1	148-8325	9	CONNECTOR AS	
					(EACH INCLUDES)	
		1	3J-1907	1	SEAL-O-RING	
		1	4J-5477	1	SEAL-O-RING	
		1	6V-8641	1	CONNECTOR	
17		1	148-8351	1	ELBOW AS	
		1	4J-5477	1	SEAL-O-RING	
		1	6V-9849	1	ELBOW	
18		1	148-8368	1	ELBOW AS	
		1	3J-1907	1	SEAL-O-RING	
		1	4J-5477	1	SEAL-O-RING	
		1	6V-8627	1	ELBOW	
19		1	149-7738	1	CLIP	
20		1	170-4735	10	RING-RETAINING	
21		1	4D-8123	4	CLIP	
22		1	4J-5477	10	SEAL-O-RING	
23		1	6V-0852	10	CAP-DUST	
24		1	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)	
M	25	1	8T-4136	2	BOLT (M10X1.5X25-MM)	
M	26	1	8T-4195	4	BOLT (M10X1.5X30-MM)	
E	27	1	206-2734		GUARD-HOSE (73-CM)	

E- ORDER BY THE CENTIMETER
M-METRIC PART

SERVICE EQUIPMENT AND SUPPLIES

228-7025 LINES GP-DIAGNOSTIC (contd.)

i02211860



GRAPHIC #1

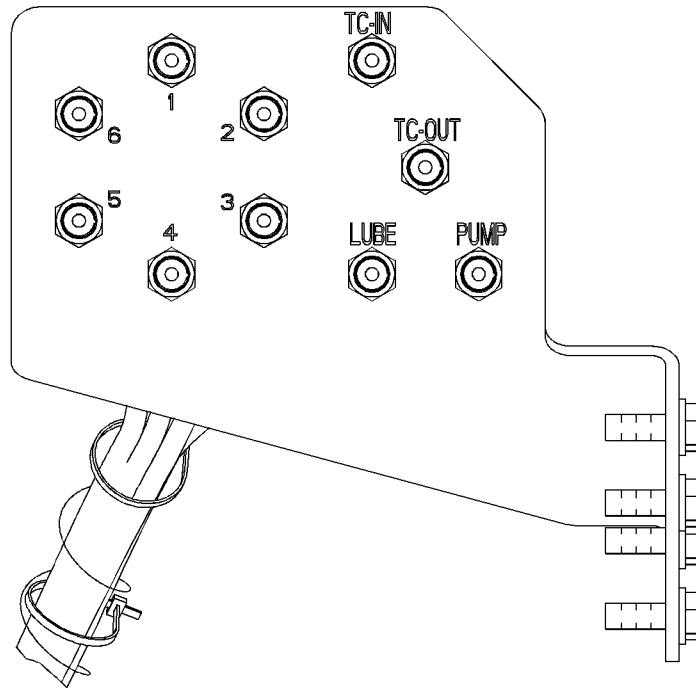
VIEW OF AREA B

g01118767

SERVICE EQUIPMENT AND SUPPLIES

228-7025 LINES GP-DIAGNOSTIC (contd.)

i02211860



VIEW A-A
(DUST CAPS REMOVED)

	REMOTE PRESSURE TAPS DESCRIPTION
1	TRANSMISSION CLUTCH 1 PRESSURE
2	TRANSMISSION CLUTCH 2 PRESSURE
3	TRANSMISSION CLUTCH 3 PRESSURE
4	TRANSMISSION CLUTCH 4 PRESSURE
5	TRANSMISSION CLUTCH 5 PRESSURE
6	TRANSMISSION CLUTCH 6 PRESSURE
TC - IN	TORQUE CONVERTER INLET PRESSURE
TC - OUT	TORQUE CONVERTER OUTLET PRESSURE
LUBE	TRANSMISSION LUBRICATION PRESSURE
PUMP	TRANSMISSION PUMP PRESSURE

GRAPHIC #2

<END>

g01109154

SERVICE EQUIPMENT AND SUPPLIES

228-7025 LINES GP-DIAGNOSTIC- TRANSMISSION REMOTE PRESSURE TAPS S/N: ASX170-UP PART OF 226-9594, 300-6281 CHASSIS AR

SMCS-7554

i02464365

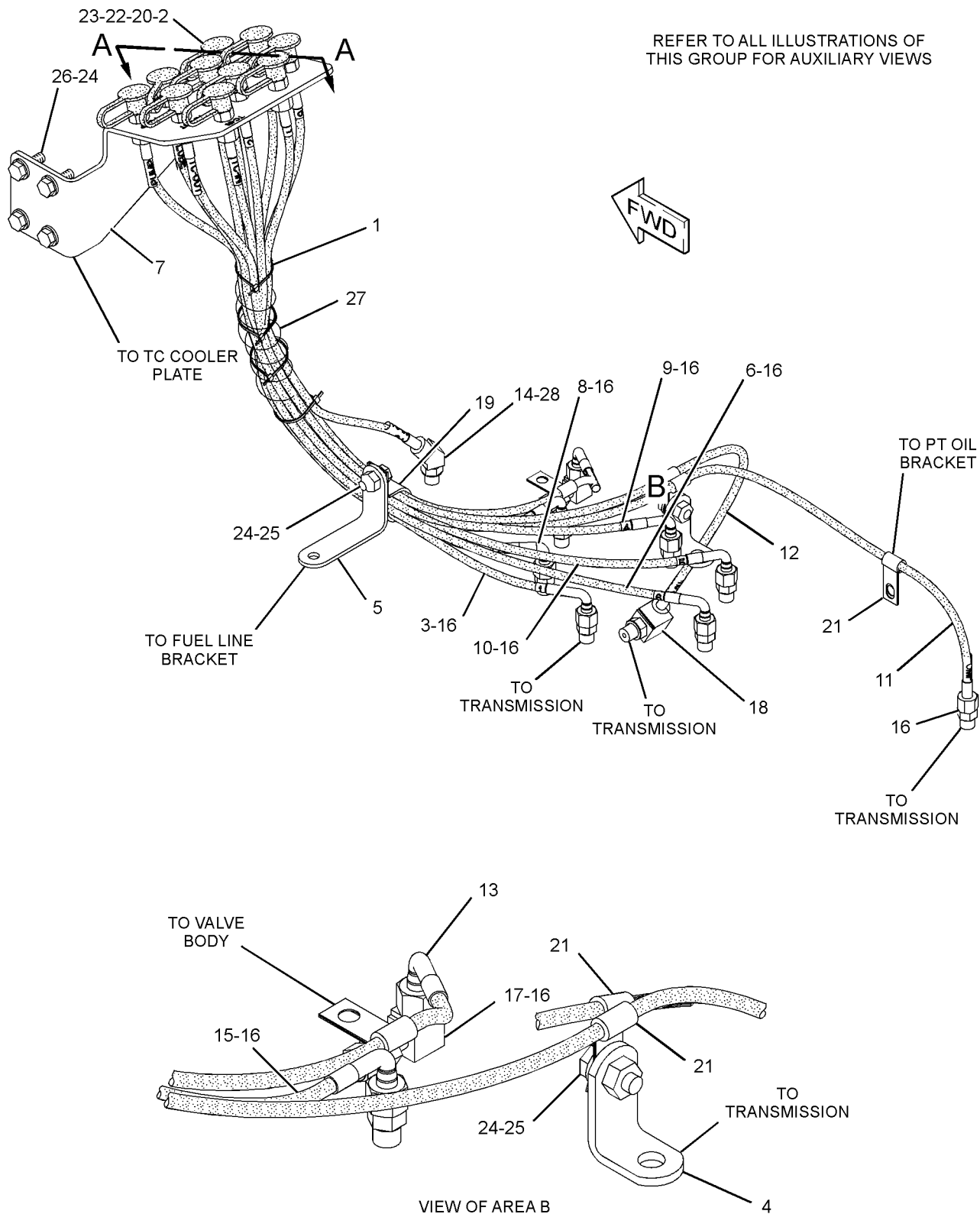
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	9X-6772	4	STRAP-CABLE	
	2	1	185-6250	10	FITTING AS	
	3	1	228-7028	1	HOSE AS (TMSN CLUTCH 1 PRESSURE)	
	4	1	228-7031	1	BRACKET AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	5	1	228-7080	1	BRACKET AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)	
	6	1	233-5082	1	HOSE AS (TMSN CLUTCH 6 PRESSURE)	
	7	1	259-7141	1	BRACKET	
	8	1	259-7142	1	HOSE AS (TMSN CLUTCH 2 PRESSURE)	
	9	1	259-7144	1	HOSE AS (TMSN CLUTCH 4 PRESSURE)	
	10	1	259-7145	1	HOSE AS (TMSN CLUTCH 5 PRESSURE)	
C	11	1	271-4543	1	HOSE AS (TMSN LUBRICATION PRESSURE)	
	12	1	259-7147	1	HOSE AS (TORQUE CONVERTER OUTLET PRESS)	
C	13	1	271-4544	1	HOSE AS (TRANSMISSION PUMP PRESSURE)	
	14	1	259-7149	1	HOSE AS (TORQUE CONVERTER INLET PRESS)	
	15	1	259-7150	1	HOSE AS (TMSN CLUTCH 3 PRESSURE)	
C	16	1	148-8325	8	CONNECTOR AS	
					(EACH INCLUDES)	
		1	3J-1907	1	SEAL-O-RING	
		1	4J-5477	1	SEAL-O-RING	
		1	6V-8641	1	CONNECTOR	
	17	1	148-8351	1	ELBOW AS	
		1	4J-5477	1	SEAL-O-RING	
		1	6V-9849	1	ELBOW	
	18	1	148-8368	1	ELBOW AS	
		1	3J-1907	1	SEAL-O-RING	
		1	4J-5477	1	SEAL-O-RING	
		1	6V-8627	1	ELBOW	
	19	1	149-7738	1	CLIP	
	20	1	170-4735	10	RING-RETAINING	
	21	1	4D-8123	4	CLIP	
	22	1	4J-5477	10	SEAL-O-RING	
	23	1	6V-0852	10	CAP-DUST	
	24	1	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)	
M	25	1	8T-4136	2	BOLT (M10X1.5X25-MM)	
M	26	1	8T-4195	4	BOLT (M10X1.5X30-MM)	
E	27	1	206-2734		GUARD-HOSE (73-CM)	
C	28	1	150-3033	1	ELBOW AS	
		1	3J-1907	1	SEAL-O-RING	
		1	4J-5477	1	SEAL-O-RING	
		1	8T-0164	1	ELBOW	

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

SERVICE EQUIPMENT AND SUPPLIES

228-7025 LINES GP-DIAGNOSTIC (contd.)

i02464365



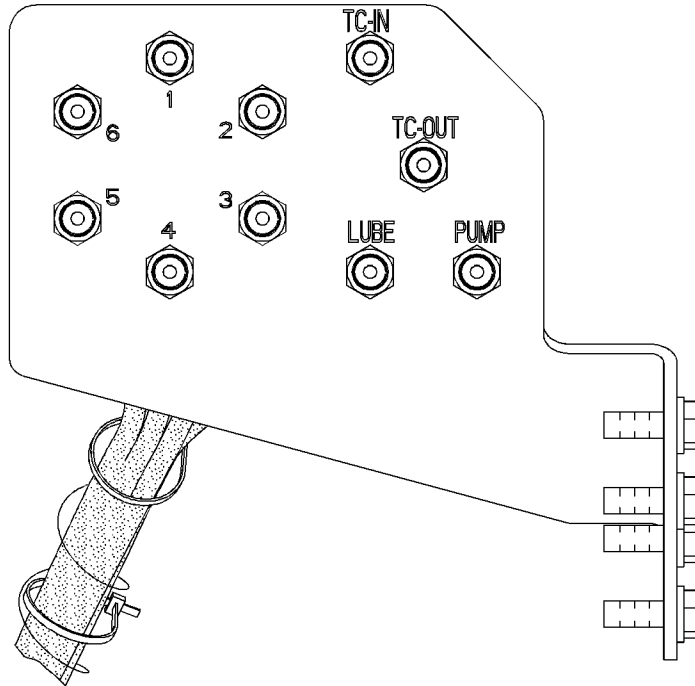
GRAPHIC #1

g01230829

SERVICE EQUIPMENT AND SUPPLIES

228-7025 LINES GP-DIAGNOSTIC (contd.)

i02464365



VIEW A-A
(DUST CAPS REMOVED)

	REMOTE PRESSURE TAPS DESCRIPTION
1	TRANSMISSION CLUTCH 1 PRESSURE
2	TRANSMISSION CLUTCH 2 PRESSURE
3	TRANSMISSION CLUTCH 3 PRESSURE
4	TRANSMISSION CLUTCH 4 PRESSURE
5	TRANSMISSION CLUTCH 5 PRESSURE
6	TRANSMISSION CLUTCH 6 PRESSURE
TC - IN	TORQUE CONVERTER INLET PRESSURE
TC - OUT	TORQUE CONVERTER OUTLET PRESSURE
LUBE	TRANSMISSION LUBRICATION PRESSURE
PUMP	TRANSMISSION PUMP PRESSURE

GRAPHIC #2

<END>

g01231957

SERVICE EQUIPMENT AND SUPPLIES

229-0253 PLATE & FILM GP

S/N: ASX1-UP

PART OF 226-9594, 300-6281 CHASSIS AR

SMCS-7405, 7557

i02759321

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	237-7346	1	FILM GP						913
			S/N: ASX1-248						
Y	296-8314	1	FILM GP						915
			S/N: ASX249-UP						
	169-8373	1	BOTTLE GP-FLUID SAMPLING						
	169-7372	1	BOTTLE AS-FLUID SAMPLING						
	177-9343	1	CAP & PROBE GP-FLUID SAMPLING						
			(IN TRAY OF CAB AR, LEFT REAR OF CAB)						
			S/N: ASX 1 - 248						
	118-1225	1	FILM-IDENTIFICATION						
			(TRANSMISSION TANK FILL CAP)						
			(ON TRANSMISSION OIL FILL TUBE CAP)						
	5P-1175	1	FILM-IDENTIFICATION (ENGINE OIL FILL)						
			(ON ENGINE OIL FILL TUBE NEAR CAP)						
	190-5386	2	FILM-IDENTIFICATION (ROUND RED REFLECTIVE)						
			(CENTERED VERTICALLY ON FLAT PORTION OF REAR BUMPER AND 75-MM FROM OUTSIDE EDGES)						
	134-7258	1	FILM-INFORMATION						
			(EXTENDED LIFE COOLANT-READ OMM)						
			(ON UNDERSIDE OF RADIATOR FILL CAP ACCESS DOOR)						
	146-6747	1	FILM-INFORMATION (24-VOLT)						
			(ON UNDERSIDE OF BATTERY BOX DOOR)						
	253-0712	1	FILM-INFORMATION (ROPS, FOPS, READ OMM)						
			(ON RH SIDE OF CAB ABOVE PLATFORM AND REARWARD OF DOOR CENTER IN PANEL)						
	158-7864	1	FILM-INSTRUCTION (HYDRAULIC OIL)						
			(INSIDE RH PLATFORM HYDRAULIC OIL FILL ACCESS DOOR BY FILLER TUBE)						
	158-7864	1	FILM-INSTRUCTION (HYDRAULIC OIL)						
			(ON HYDRAULIC OIL TANK NEXT TO SIGHT LEVEL GAUGE)						
	6V-2679	1	FILM-INSTRUCTION (WIPER)						
			(ON THE FRONT OF THE FILLER NECK OF THE WINDSHIELD WASHER BOTTLE IN THE LH PLATFORM COMPARTMENT)						
	7X-3229	4	FILM-INSTRUCTION (LIFT EYE, TIE-DOWN LOCATION)						
			(ONE AT EACH REAR AND FRONT LIFT AND TIE DOWN EYES)						
	3E-8108	1	FILM-IDENTIFICATION (TRANSMISSION OIL LEVEL)						
			(ONE ON TRANSMISSION MOUNT BRACKET APPROXIMATELY 50-MM REAR OF TRANSMISSION SIGHT GUAGE AND ONE ON SIGHT GUAGE)						
	219-0305	1	FILM-WARNING (NO WELD, NO DRILL, READ OMM)						
			(ON RH SIDE OF CAB, CENTERED ABOVE PLATE-ROPS/FOPS)						
	227-7390	1	FILM-WARNING (SEAT BELT)						
			(ON VERTICAL SURFACE IN FRONT OF THE CUP HOLDER. FILM WILL FACE THE SEAT ON THE LEFT)						
	225-0313	1	FILM-WARNING (JUMP START, READ OMM, U.S.)						
			(ON BACK SIDE OF NOISE WALL IN ENGINE ENCLOSURE NEAR JUMP START RECEPTACLE)						
	225-4256	1	FILM-WARNING (HOT FLUID UNDER PRESSURE, U.S.)						
			(NEAR COOLANT FILL CAP INSIDE DOOR COVER)						
	226-1242	2	FILM-WARNING (CRUSH HAZARD, STAY BACK)						
			(ON SIDEFACE OF FRONT FRAME APPROXIMATELY 10-MM DOWN FROM TOP OF SIDEPLATE AND 10-MM IN FRONT OF REAR SIDEPLATE)						
	226-1275	1	FILM-WARNING (CRUSH HAZARD, READ MANUAL)						

SERVICE EQUIPMENT AND SUPPLIES

229-0253 PLATE & FILM GP (contd.)

i02759321

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
			(ON SIDEFACE OF FRONT FRAME APPROXIMATELY 10-MM DOWN FROM TOP OF SIDEPLATE AND 10-MM IN FRONT OF REAR SIDEPLATE)						
	228-2615	1	FILM-WARNING (UNIVERSAL)						
			(IN CAB ON INSIDE SURFACE OF FRONT DOOR POST)						
	254-6137	1	FILM-WARNING (COMPRESSED SPRING, READ OMM)						
			(ROTOCHAMBER FILM ON PARKING/SECONDARY BRAKE ACTUATOR.)						
	239-6986	1	PLATE-IDENTIFICATION (MACHINE)						
			(25-MM FROM REAR EDGE OF LH SIDEPLATE OF DOZER FRAME AND 240-MM FROM TOP OF FRAME)						
A	3N-3790	1	PLATE-SERIAL NUMBER (ENGINE)						
			(ON LOWER RH SIDE OF BLOCK)						
A-NOT PART OF THIS GROUP Y-SEPARATE ILLUSTRATION									
<END>									

238-1984 PLATE & FILM GP

S/N: ASX1-UP
AN ATTACHMENT

SMCS-7405, 7557

i02329936

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	227-7391	1	FILM-WARNING (SEAT BELT)						
			(ON THE LEFT FRONT ROPS TUBE)						
	225-0312	1	FILM-WARNING (JUMP START, READ OMM, INTL)						
			(ON BACK SIDE OF NOISE WALL IN ENGINE ENCLOSURE NEAR JUMP START RECEPTACLE)						
	225-4257	1	FILM-WARNING (HOT FLUID UNDER PRESS, INTL)						
			(NEAR COOLANT FILL CAP INSIDE DOOR COVER)						
	226-1240	2	FILM-WARNING (CRUSH HAZARD, STAY BACK)						
			(ON SIDEFACE OF FRONT FRAME APPROX. 10-MM DOWN FROM TOP OF SIDEPLATE AND 10-MM IN FRONT OF REAR SIDEPLATE)						
	226-1274	1	FILM-WARNING (CRUSH HAZARD, READ OMM)						
			(ON SIDEFACE OF FRONT FRAME APPROX. 10-MM DOWN FROM TOP OF SIDEPLATE AND 10-MM IN FRONT OF REAR SIDEPLATE)						
	228-2616	1	FILM-WARNING (UNIVERSAL, READ OMM)						
			(IN CAB ON INSIDE SURFACE OF FRONT DOOR POST)						
	254-6138	1	FILM-WARNING (COMPRESSED SPRING, READ OMM)						
			(ON PARKING/SECONDARY BRAKE ACTUATOR)						
<END>									

SERVICE EQUIPMENT AND SUPPLIES

224-3978 PLATE GP-ENGINE IDENTIFICATION

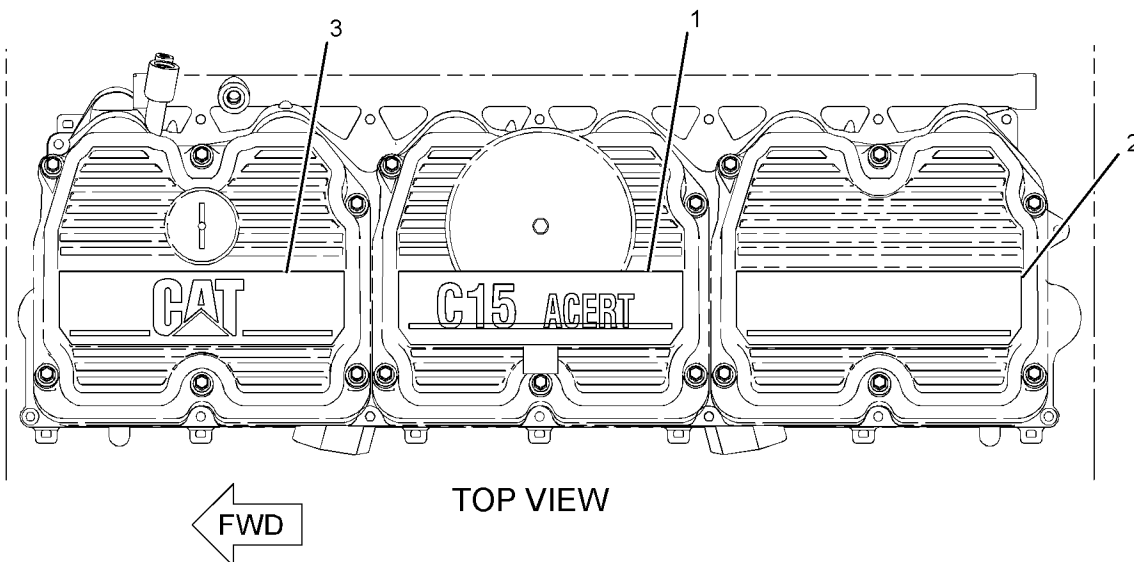
S/N: LHX1-12840

PART OF 225-8923 ENGINE AR-COMplete

SMCS-7557

i02682762

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	229-5667	1	PLATE-IDENTIFICATION (C15 ACERT)						
	2	1	234-1400	1	PLATE-IDENTIFICATION (BLANK)						
	3	1	234-1401	1	PLATE-IDENTIFICATION (CAT)						



GRAPHIC #1

<END>

g01348267

SERVICE EQUIPMENT AND SUPPLIES

178 - 0345 PROTECTION GP - VANDALISM

S/N: ASX1-UP

PART OF 226-9594, 300-6281 CHASSIS AR

SMCS-1273, 3005, 3030, 5056, 7315

i02279494

NOTE	PART NUMBER	QTY	PART NAME	SEE PAGE
			1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	7K-5636	1	COVER GP-TMSN OIL FILLER CAP	413
	246-2641	2	PADLOCK GP	
			(EACH INCLUDES KEY)	
Y-SEPARATE ILLUSTRATION				
<END>				

MEMORANDA

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	169		111		167		757
	171		120		169		758
	173		169		171	1J-9671	97
OL-1328	432		171		173		147
OL-1351	62		173	1A-8651	432		148
	111	OS-1594	259	1B-0676	502		579
	464		261	1B-2790	111		580
OL-2070	46		16	1B-2886	640	1K-4649	712
	54		17	1B-3057	119	1K-6853	405
	95		44	1B-3581	545		471
	96		52	1B-3867	9	1K-6872	790
	111		56		433	1K-7095	610
	466		62	1B-4367	432	1K-8850	863
OS-0509	87		64	1B-7182	120	1L-3162	473
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	96		90		613		722
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	375		97		629		381
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	181		466	1B-9575	210		420
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OS-1571	50		57	1B-9920	502	1M-6119	197
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	102		445		710		204
	103	OS-1618	466	1D-4566	111	1M-6120	197
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	54	OT-0573	61		367	1P-0014	445
	63		165	1F-7958	45	1P-3703	611
	64		167		433		613
	87		169	1G-2038	204		621
	88	OT-0768	171	1H-0974	638		629
	90		173	1H-1023	292		680
	92		466	1H-3244	194		683
	97				328	1P-3704	437
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	169	1A-2029	99	1H-7263	502		611
	171		102	1H-7366	502	1P-3708	437
	173		103	1H-8128	147	1P-3958	446
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	86		103		184	1P-4278	113
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	749	2D-5826	719		660	2S-3440	113
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824H Wheel Dozer

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