CATERPILLAR®

SEBP2765-02
December 1999

Parts Manual



See "General Information" for New Parts Manual Features.

844 Wheel Tractor

2KZ1-Up (Machine)
80M861-Up (Engine)
9XE900-Up (Transmission)
2JT350-Up (Torque Converter)

Powered By 3412E Engine

Product and Dealer Information

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

Delivery Date: _____

Product Information

Model: _____

Product Identification Number: _____

Engine Serial Number: _____

Transmission Serial Number: _____

Generator Serial Number: _____

Attachment Serial Numbers: _____

Attachment Information: _____

Customer Equipment Number: _____

Dealer Equipment Number: _____

Dealer Information

Name: _____ Branch: _____

Address: _____

_____

_____

	Dealer Contact	Phone Number	Hours
Sales:	_____	_____	_____
Parts:	_____	_____	_____
Service:	_____	_____	_____

SEBP2765-02

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: _____

_____

_____

	Comunicación con el distribuidor	Número de teléfono	Horas
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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1. MACHINE IDENTIFICATION

Caterpillar machines are identified by Product Information 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.

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

SIS ***New Feature***

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.

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 top of each page of an 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.

SIS ***New Feature***

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

SIS *New Feature*

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

SIS *New Feature*

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 – See Hose Fabrication Guide
M – Metric Part
R – Remfg Part May Be Available
Y – Separate Illustration
Z – Not Serviced Separately

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.

FRAME AND BODY

8E-3299 PLATFORM GP-CAB

PIN 3SK1-99999

8MC8-7253 100090751

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3T-2953	1	PLATE AS	
	2	1	6B-2092	25	BOLT (3/8-16X.750IN)	
	3	1	6P-1075	41	WASHER-HARD (38M THK)	
	4	1	9P-1444	2	SUPPORT AS-FOOT	
	5	1	6P-2228	19	BOLT (1/2-13X1IN)	
		1	6P-[illegible]4	19	WASHER-HARD (4MM THK)	
	6	1	8E-8138	1	COVER AS-LH	
		1	9F-2978	6	NUT-WELD (3/8-16 THD)	
		1	1P-8188	1	CLIP	
	7	1	7S-3411	4	COVER	
	8	1	6J-0488	19	SCREW-HEAD (3/8-16X.875IN)	
	9	1	[illegible]-4474	1	COVER	
		1	8E-8[illegible]		GASKET	
	10	1	8E-3248	1	[illegible]	
		1	8E-3250	1	GASKET	
	11	1	3T-2635	1	HANDHOLD	
	12	1	8E-8678	1	COVER AS	
		1	9F-2979	8	NUT-WELD (3/8-16 THD)	
		1	8E-8678	1	GASKET	
	13	1	7T-0131	1	FLOORPLATE AS	
		1	1F-0748	4	NUT-WELD (1/2-13 THD)	
	14	1	7V-8087	1	PLUG-BUTTON	
	15	1	7T-0136	1	PLATE AS	
		1	9F-2978	6	NUT-WELD (3/8-16 THD)	
	16	1	7T-8098	1	COVER	
		1	7T-0779	1	GASKET	
	17	1	3T-3981	1	PLATE AS	
	18	1	6T-9364	4	BOLT (1/4-20X.625IN)	
M		1	6T-4205	4	WASHER-HARD (2MM THK)	
	19	1	6L-8464	1	FLOOR MAT	
	20	1	9E-8948	1	MODULE AS-OPERATOR	
	21	1	3T-3934	1	HANDHOLD	
	22	1	9P-8571	2	PLUG	
	23	2	6T-9364	4	BOLT (1/4-20X.625IN)	
M		2	6T-4205	4	WASHER-HARD (2MM THK)	
	24	2	6B-2062	17	BOLT (3/8-16X.750IN)	
	25	2	6P-1075	21	WASHER-HARD (38M THK)	
	26	2	7T-0126	1	SEAL	
	27	2	7X-0376	2	BOLT (3/4-10X6IN)	
		2	7X-0682	2	WASHER-HARD (64M THK)	
	28	2	3T-3462	2	PLATE	
	29	2	3T-8290	1	PLATE AS	
		2	7S-4828	8	SPACER	
	30	2	3T-8281	1	SEAL	
	31	2	7S-8017	1	GASKET	
	32	2	7S-8016	1	COVER AS	
		2	2R-2276	2	WASHER	
		2	6P-8228	2	SCREW-KNURLED	
	33	2	9W-3429	1	COVER	
	34	2	8E-9697	1	COVER	
	35	2	6D-3031	8	SCREW-SOCKET HEAD	
	36	2	9W-3142	8	MOUNTING	
	37	2	9W-9227	2	PLATE	
	38	2	7X-0390	2	BOLT (7/8-9X6IN)	
		2	7X-0672	2	WASHER-HARD	
	39	2	4L-8454	4	BOLT (3/8-16X1.0IN)	
	40	2	3T-4788	1	COVER	

12 FRAME AND BODY 1 of 4 SELP4570-01

FRAME AND BODY

8E-3299 PLATFORM GP-CAB (contd.)

100090751

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	41	2	8E-2515	1	COVER	
	42	2	7T-0134	1	PLATE	
	43	2	7T-0139	1	GASKET	
	44	2	7S-8724	1	GASKET	
	45	2	7S-8723	1	COVER	
	46	2	6V-1960	2	PLUG-BUTTON	

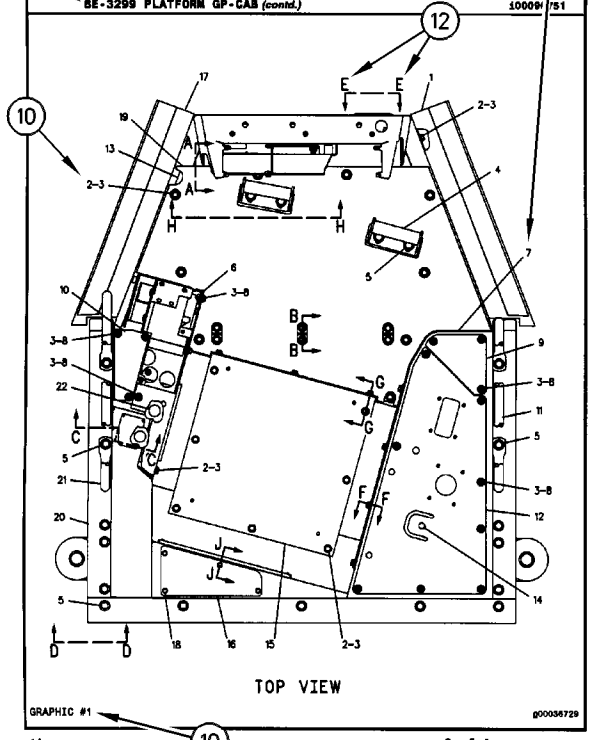
M-METRIC PART

SELP4570-01 2 of 4 FRAME AND BODY 13

FRAME AND BODY

8E-3299 PLATFORM GP-CAB (contd.)

100090751



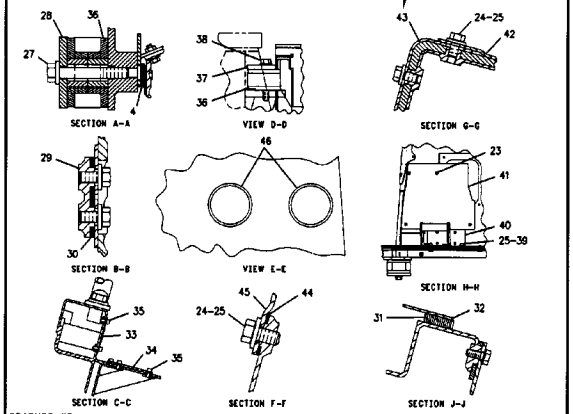
GRAPHIC #1 g00036729

14 FRAME AND BODY 3 of 4 SELP4570-01

FRAME AND BODY

8E-3299 PLATFORM GP-CAB (contd.)

100090751



GRAPHIC #2 g00105874

SELP4570-01 4 of 4 FRAME AND BODY 15

GÉNÉRALITÉS

1. IDENTIFICATION DE LA MACHINE

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

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

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

SIS ***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

SIS *Nouvelle Caractéristique*

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 d'identification produit (PIN) et les numéros de série (S/N) qui se trouvent dans chaque légende doivent être utilisés pour sélectionner les informations correctes pour une machine donnée. 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.

9. PIÈCES NON FOURNIES

SIS *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

SIS *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

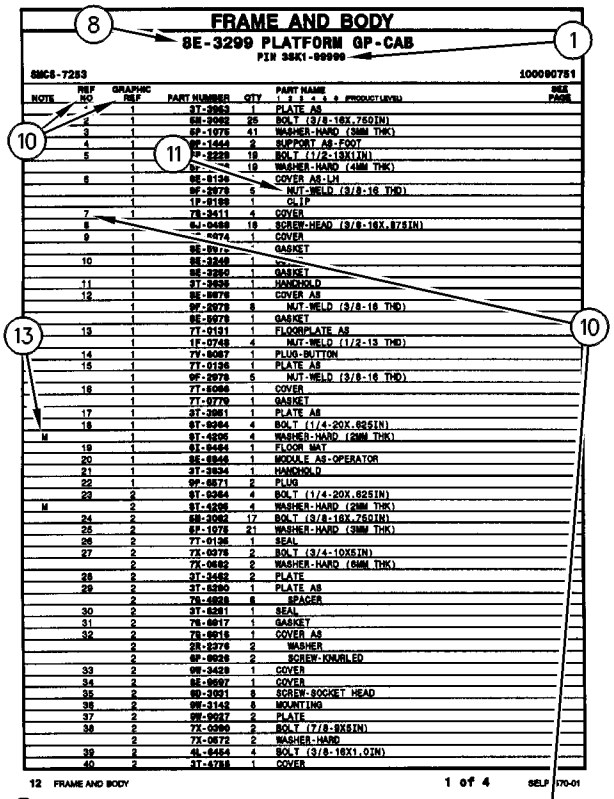
Quand cela est nécessaire, les illustrations comportent des lettres de référence (A, B, C, etc.) pour montrer le trajet des canalisations et faisceaux de câbles d'un point à l'autre. Elles sont utilisées également pour indiquer où relier les illustrations séparées auparavant.

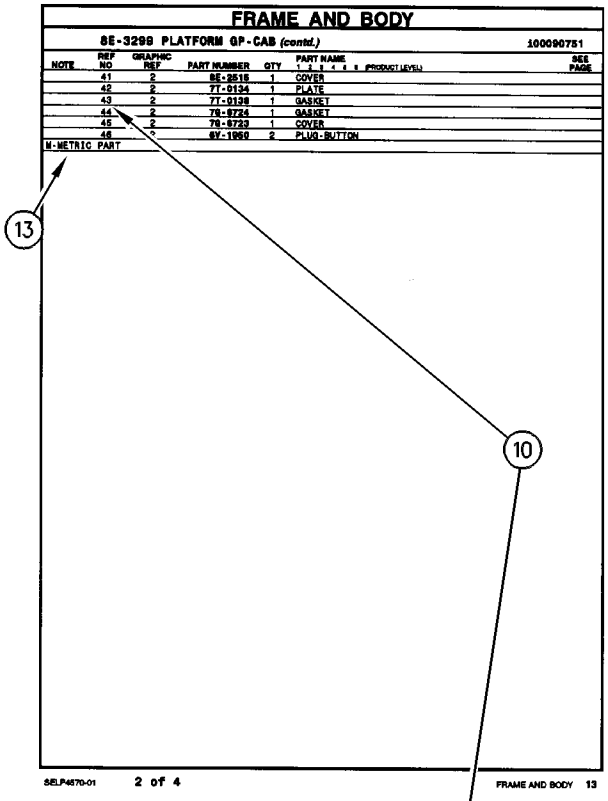
13. ABRÉVIATIONS ET SYMBOLES

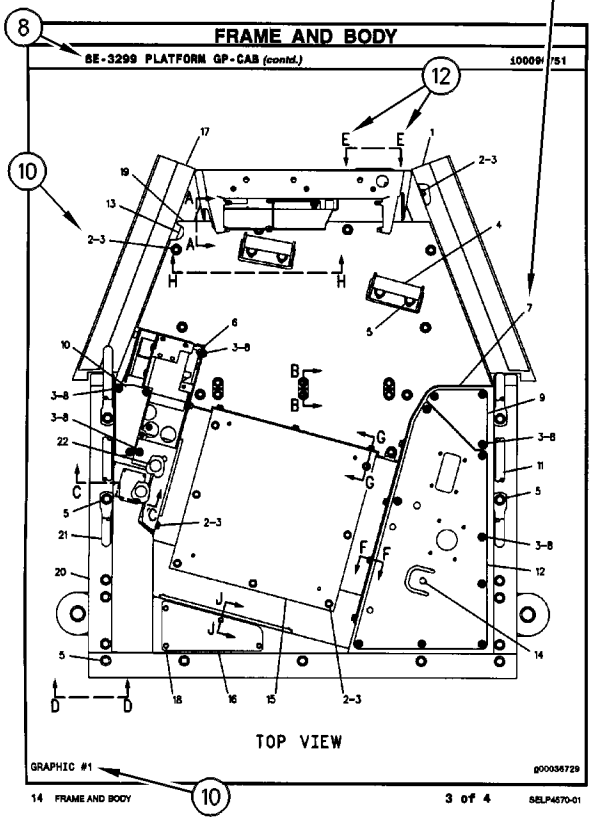
O.D. – Diamètre extérieur
I.D. – Diamètre intérieur
A – Ne fait pas partie de ce groupe
B – Utiliser selon besoin
C – Modification
D – Commander par mètre
E – Commander par centimètre
F – Non représenté
G – Commander par pouce
I – Voir "Hose Fabrication Guide"
M – Pièce métrique
R – Pièce rénovée éventuellement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

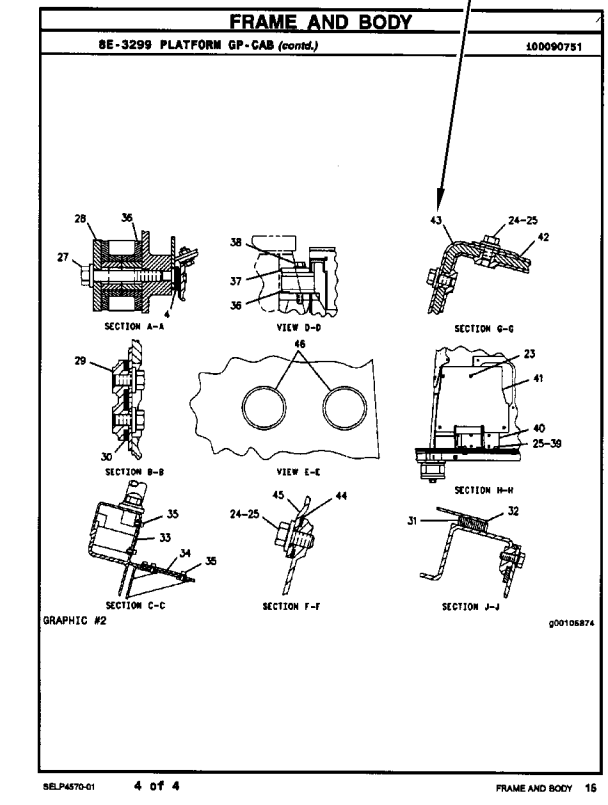
NOTA:

En raison du progrès technique et des améliorations continuelles 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.


FRAME AND BODY
8E-3299 PLATFORM GP-CAB
PIN 38K1-99999
SMCS-7283
100090751
NOTE | REF NO | GRAPHIC REF | PART NUMBER | QTY | PART NAME (1 2 3 4 5 6 PRODUCT LEVEL) | SEE PAGE
1 | 1 | 9T-3953 | 1 | PLATE AS
2 | 1 | 6M-3962 | 25 | BOLT (3/8-16X.750IN)
3 | 1 | 5P-1075 | 41 | WASHER-HARD (9MM THK)
4 | 1 | 9F-1444 | 2 | SUPPORT AS-FOOT
5 | 1 | 7P-2229 | 19 | BOLT (1/2-13X1IN)
1 | 19 | WASHER-HARD (4MM THK)
6 | 1 | 8E-8194 | COVER AS-LH
1 | 9F-2979 | 5 | NUT-WELD (3/8-16 THD)
1 | 1P-8199 | 1 | CLIP
7 | 1 | 7E-3411 | 4 | COVER
8 | 6J-0468 | 19 | SCREW-HEAD (3/8-16X.87SIN)
9 | 1 | 4674 | 1 | COVER
1 | GASKET
10 | 1 | 1 | 1 | 1
1 | 8E-3246 | 1 | GASKET
1 | 8E-3260 | 1 | GASKET
11 | 1 | 9T-3939 | 1 | HANDHOLD
12 | 1 | 8E-8978 | 1 | COVER AS
1 | 9F-2979 | 8 | NUT-WELD (3/8-16 THD)
1 | 8E-8978 | 1 | GASKET
13 | 1 | 7T-0131 | 1 | FLOORPLATE AS
1 | 1F-0748 | 4 | NUT-WELD (1/2-13 THD)
14 | 1 | 7V-8087 | 1 | PLUG-BUTTON
15 | 1 | 7T-0136 | 1 | PLATE AS
1 | 9F-2979 | 5 | NUT-WELD (3/8-16 THD)
16 | 1 | 7T-8098 | 1 | COVER
1 | 7T-0779 | 1 | GASKET
17 | 1 | 9T-3951 | 1 | PLATE AS
18 | 1 | 6T-8364 | 4 | BOLT (1/4-20X.625IN)
M | 1 | 9T-4205 | 4 | WASHER-HARD (2MM THK)
19 | 1 | 6X-8464 | 1 | FLOOR MAT
20 | 1 | 8E-8948 | 1 | MODULE AS-OPERATOR
21 | 1 | 9T-3934 | 1 | HANDHOLD
22 | 1 | 9P-8871 | 2 | PLUG
23 | 2 | 6T-8364 | 4 | BOLT (1/4-20X.625IN)
M | 2 | 9T-4205 | 4 | WASHER-HARD (2MM THK)
24 | 2 | 6M-3962 | 17 | BOLT (3/8-16X.750IN)
25 | 2 | 5P-1075 | 21 | WASHER-HARD (9MM THK)
26 | 2 | 7T-0126 | 1 | SEAL
27 | 2 | 7X-0375 | 2 | BOLT (3/4-10X5IN)
2 | 7X-0682 | 2 | WASHER-HARD (6MM THK)
28 | 2 | 9T-3482 | 2 | PLATE
29 | 2 | 9T-8290 | 1 | PLATE AS
2 | 7E-4838 | 6 | SPACER
30 | 2 | 9T-8281 | 1 | SEAL
31 | 2 | 7E-8817 | 1 | GASKET
32 | 2 | 7E-8915 | 1 | COVER AS
2 | 2R-2376 | 2 | WASHER
2 | 6P-8928 | 2 | SCREW-KNURLED
33 | 2 | 9W-3429 | 1 | COVER
34 | 2 | 8E-8907 | 1 | COVER
35 | 2 | 8D-3931 | 8 | SCREW-SOCKET HEAD
36 | 2 | 9W-3142 | 8 | MOUNTING
37 | 2 | 9W-9927 | 2 | PLATE
38 | 2 | 7X-0390 | 2 | BOLT (7/8-9X6IN)
2 | 7X-0672 | 2 | WASHER-HARD
39 | 2 | 4L-8454 | 4 | BOLT (3/8-16X1.0IN)
40 | 2 | 3T-4788 | 1 | COVER
12 FRAME AND BODY
1 of 4
SELP4570-01


FRAME AND BODY
8E-3299 PLATFORM GP-CAB (contd.)
100090751
NOTE | REF NO | GRAPHIC REF | PART NUMBER | QTY | PART NAME (1 2 3 4 5 6 PRODUCT LEVEL) | SEE PAGE
41 | 2 | 8E-2515 | 1 | COVER
42 | 2 | 7T-0134 | 1 | PLATE
43 | 2 | 7T-0138 | 1 | GASKET
44 | 2 | 7E-8724 | 1 | GASKET
45 | 2 | 7E-8723 | 1 | COVER
46 | 2 | 6V-1960 | 2 | PLUG-BUTTON
M-METRIC PART
2 of 4
SELP4570-01
FRAME AND BODY 13


FRAME AND BODY
8E-3299 PLATFORM GP-CAB (contd.)
100090751
TOP VIEW
GRAPHIC #1
g00036729
14 FRAME AND BODY
3 of 4
SELP4570-01


FRAME AND BODY
8E-3299 PLATFORM GP-CAB (contd.)
100090751
SECTION A-A
VIEW D-D
SECTION G-G
SECTION B-B
VIEW E-E
SECTION H-H
SECTION C-C
SECTION F-F
SECTION J-J
GRAPHIC #2
g00105874
SELP4570-01
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FRAME AND BODY 15

INFORMACIÓN GENERAL

1. MÁQUINAS

Las máquinas Caterpillar se identifican con Números de Identificación del Producto (PIN). Algunos componentes incluídos 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.

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.

4. CONTENIDO

SIS ***Nueva Característica***

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 incluídos 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 en la parte superior de cada página de elementos de información identifican el número y el nombre de la pieza junto con información descriptiva adicional para ayudar al usuario a determinar las piezas necesarias para 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").

SIS ***Nueva Característica***

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

SIS ***Nueva Característica***

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

SIS ***Nueva Característica***

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

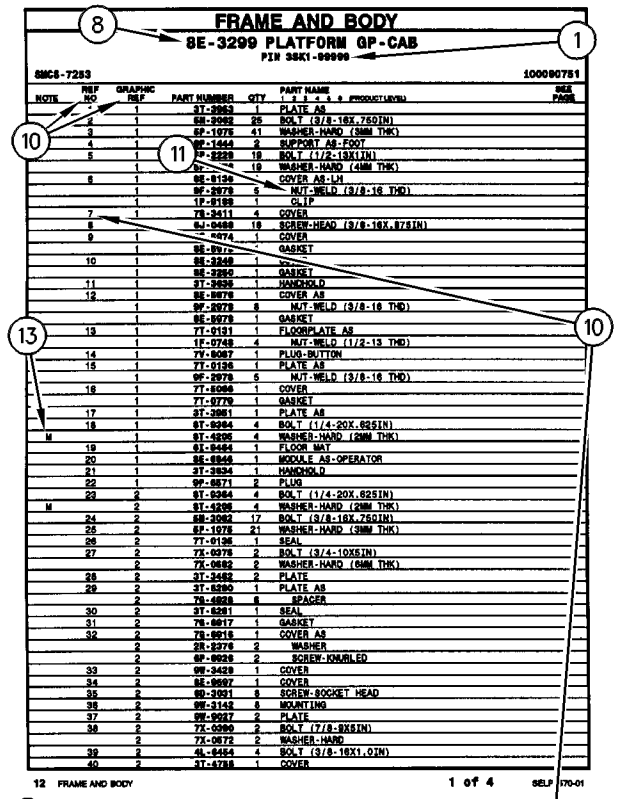
Las ilustraciones contienen algunas veces letras de referencia (A, B, C etc.) cuyo propósito es seguir el trayecto de líneas y mazos de cables de un punto a otro. También se utilizan para mostrar dónde volver a unir ilustraciones que se habían separado.

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 – Ver "Hose Fabrication Guide"
M – Pieza métrica
R – Puede estar disponible como pieza remanufacturada
Y – Ilustración separada
Z – No se suministra por separado

NOTA:

Las contínuas 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.



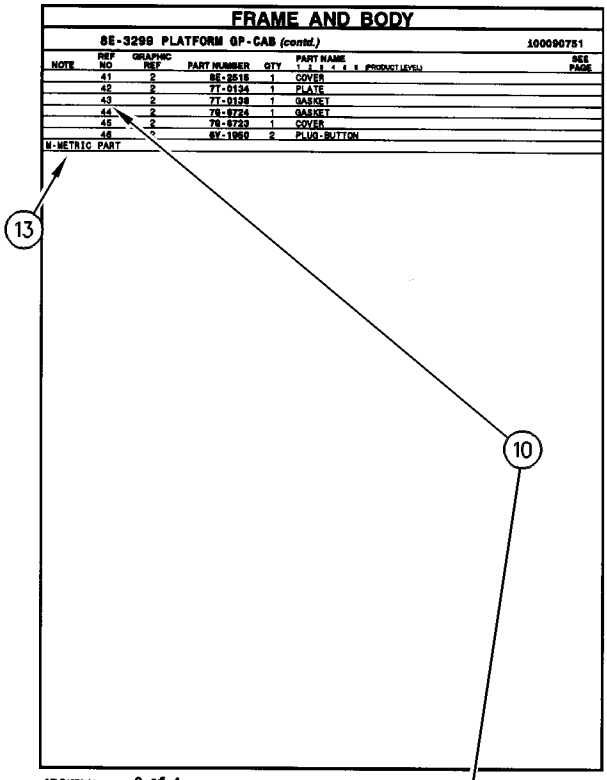
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8E-3299 PLATFORM GP-CAB

PIN 38K1-09999

8MC8-7253 100090751

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3T-2953	1	PLATE AS	
	2	1	6B-2092	25	BOLT (3/8-16X.750IN)	
	3	1	6P-1075	41	WASHER-HARD (38M THK)	
	4	1	9P-1444	2	SUPPORT AS-FOOT	
	5	1	6P-2228	19	BOLT (1/2-13X1IN)	
		1	6P-[illegible]	19	WASHER-HARD (44M THK)	
	6	1	8E-8139	1	COVER AS-LH	
		1	9F-2978	6	NUT-WELD (3/8-16 THD)	
		1	1P-8188	1	CLIP	
	7	1	7S-3411	4	COVER	
	8	1	6J-0488	19	SCREW-HEAD (3/8-16X.875IN)	
	9	1	[illegible]-4474	1	COVER	
		1	8E-8[illegible]	1	GASKET	
	10	1	8E-3248	1	[illegible]	
		1	8E-3250	1	GASKET	
	11	1	3T-3635	1	HANDHOLD	
	12	1	8E-8678	1	COVER AS	
		1	9F-2979	8	NUT-WELD (3/8-16 THD)	
		1	8E-8679	1	GASKET	
	13	1	7T-0131	1	FLOORPLATE AS	
		1	1F-0748	4	NUT-WELD (1/2-13 THD)	
	14	1	7V-8087	1	PLUG-BUTTON	
	15	1	7T-0136	1	PLATE AS	
		1	9F-2978	6	NUT-WELD (3/8-16 THD)	
	16	1	7T-8098	1	COVER	
		1	7T-8779	1	GASKET	
	17	1	3T-3981	1	PLATE AS	
	18	1	6T-9364	4	BOLT (1/4-20X.625IN)	
M		1	6T-4205	4	WASHER-HARD (2MM THK)	
	19	1	6L-8464	1	FLOOR MAT	
	20	1	9E-8948	1	MODULE AS-OPERATOR	
	21	1	3T-3634	1	HANDHOLD	
	22	1	9P-8571	2	PLUG	
	23	2	6T-9364	4	BOLT (1/4-20X.625IN)	
M		2	6T-4205	4	WASHER-HARD (2MM THK)	
	24	2	6B-2062	17	BOLT (3/8-16X.750IN)	
	25	2	6P-1078	21	WASHER-HARD (38M THK)	
	26	2	7T-0126	1	SEAL	
	27	2	7X-0376	2	BOLT (3/4-10X5IN)	
		2	7X-0682	2	WASHER-HARD (64M THK)	
	28	2	3T-3462	2	PLATE	
	29	2	3T-8290	1	PLATE AS	
		2	7S-4028	8	SPACER	
	30	2	3T-8281	1	SEAL	
	31	2	7S-8017	1	GASKET	
	32	2	7S-8016	1	COVER AS	
		2	2R-2276	2	WASHER	
		2	6P-8028	2	SCREW-KNURLED	
	33	2	9W-3429	1	COVER	
	34	2	8E-9697	1	COVER	
	35	2	6D-3031	8	SCREW-SOCKET HEAD	
	36	2	9W-3142	8	MOUNTING	
	37	2	9W-9227	2	PLATE	
	38	2	7X-0390	2	BOLT (7/8-9X8IN)	
		2	7X-0672	2	WASHER-HARD	
	39	2	4L-8454	4	BOLT (3/8-16X1.0IN)	
	40	2	3T-4788	1	COVER	



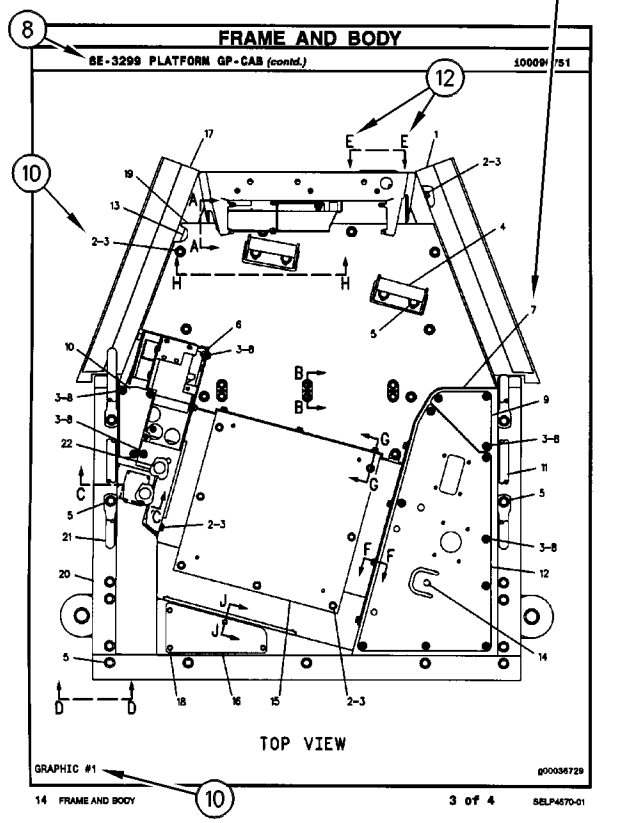
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8E-3299 PLATFORM GP-CAB (contd.)

100090751

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	41	2	8E-2515	1	COVER	
	42	2	7T-0134	1	PLATE	
	43	2	7T-0139	1	GASKET	
	44	2	7S-8724	1	GASKET	
	45	2	7S-8723	1	COVER	
	46	2	6V-1960	2	PLUG-BUTTON	

M-METRIC PART



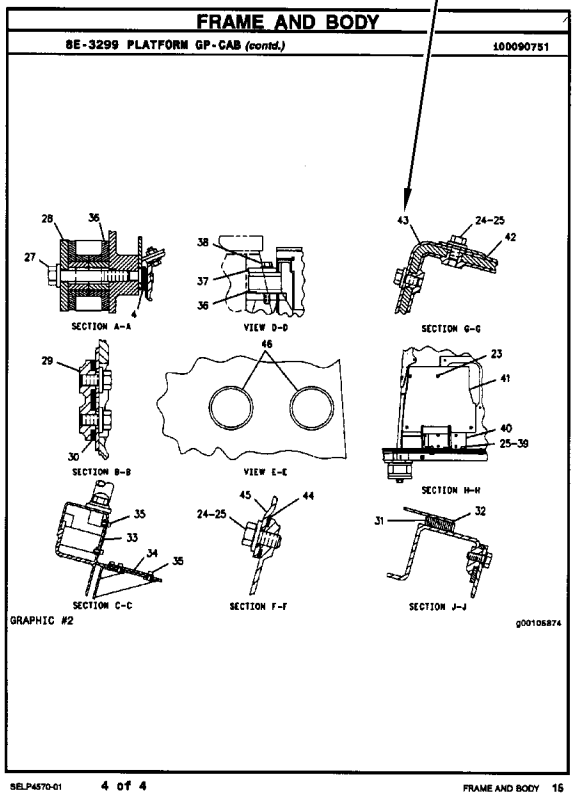
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8E-3299 PLATFORM GP-CAB (contd.)

100090751

TOP VIEW

GRAPHIC #1 g00036729



FRAME AND BODY

8E-3299 PLATFORM GP-CAB (contd.)

100090751

SECTION A-A VIEW D-D SECTION G-G

SECTION B-B VIEW E-E SECTION H-H

SECTION C-C SECTION F-F SECTION J-J

GRAPHIC #2 g00105874

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.

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

SIS ***Novidades***

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.

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 na parte de cima de cada página de um elemento de informação identifica o número de peça e o nome da 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.

SIS ***Novidades***

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

SIS ***Novidades***

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. NÙMEROS DE REFERÊNCIA À LISTA DE PEÇAS

SIS ***Novidades***

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

11. NOMES DE PEÇAS DESALINHADOS

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

12. LETRAS DE REFERÊNCIA NAS ILUSTRAÇÕES

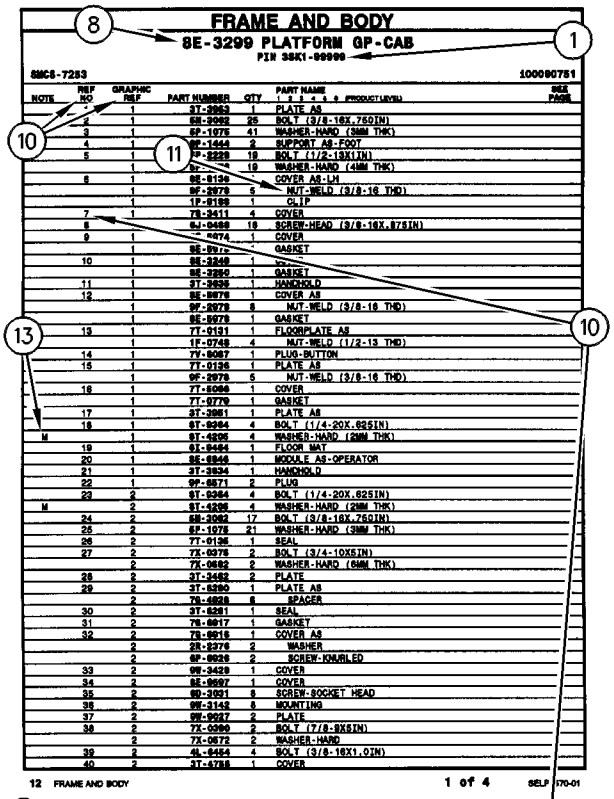
Quando necessário, as ilustrações contêm letras de referência (A, B, C, etc.) que são utilizadas para seguir tubulações e cabos elétricos de um ponto a outro. Também foram utilizadas para indicar onde se pode reconectar as ilustrações que foram separadas.

13. ABREVIAÇÕES E SÍMBOLOS

O.D. – "Outside Diameter" (Diâmetro Externo)
I.D. – "Inside Diameter" (Diâmetro Interno)
A – Não faz parte deste grupo
B – Use conforme necessário
C – Indica modificação
D – Vendido por metro
E – Vendido por centímetro
F – Não ilustrado
G – Vendido por polegada
I – Consulte o seu revendedor quanto a mangueira
M – Peça métrica
R – Peça remanufaturada pode estar disponível; consulte o seu revendedor Cat
Y – Ilustração separada
Z – Não disponível separadamente

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.



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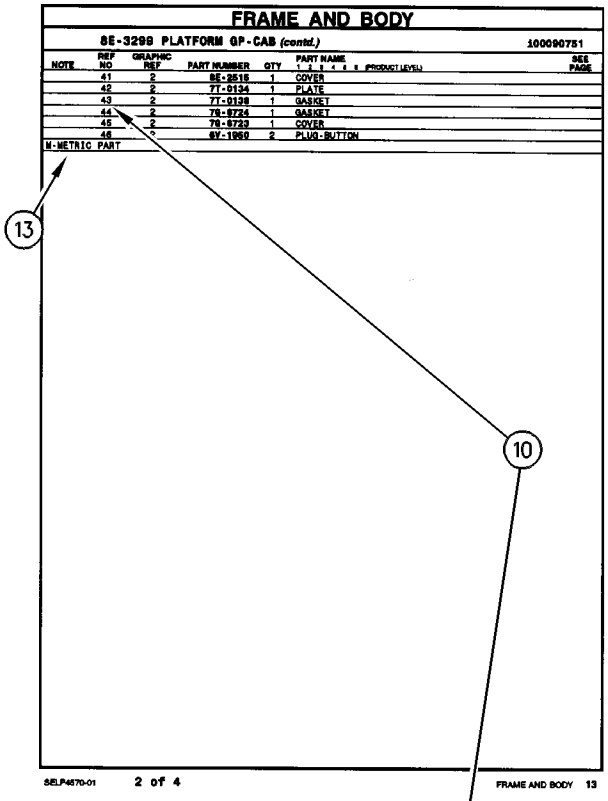
8E-3299 PLATFORM GP-CAB

PIN 38K1-99999

SMCS-7283 100090751

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME (1 2 3 4 5 6 PRODUCT LEVEL)	SEE PAGE
		1	3T-3953	1	PLATE AS	
	2	1	6M-3962	25	BOLT (3/8-16X.750IN)	
	3	1	6P-1075	41	WASHER-HARD (9MM THK)	
	4	1	9F-1444	2	SUPPORT AS-FOOT	
	5	1	6P-2229	19	BOLT (1/2-13X1IN)	
		1	6P-	19	WASHER-HARD (4MM THK)	
	6	1	8E-8134	1	COVER AS-LH	
		1	9F-2979	5	NUT-WELD (3/8-16 THD)	
		1	1P-8199	1	CLIP	
	7	1	7S-3411	4	COVER	
	8	1	6J-0488	19	SCREW-HEAD (3/8-16X.87SIN)	
	9	1	7S-4674	1	COVER	
		1	8E-8972	1	GASKET	
	10	1	8E-3248	1	PLATE	
		1	8E-3260	1	GASKET	
	11	1	3T-3939	1	HANDHOLD	
	12	1	8E-8978	1	COVER AS	
		1	9F-2973	8	NUT-WELD (3/8-16 THD)	
		1	8E-8978	1	GASKET	
	13	1	7T-0131	1	FLOORPLATE AS	
		1	1F-0748	4	NUT-WELD (1/2-13 THD)	
	14	1	7V-8087	1	PLUG-BUTTON	
	15	1	7T-0136	1	PLATE AS	
		1	9F-2978	5	NUT-WELD (3/8-16 THD)	
	16	1	7T-8098	1	COVER	
		1	7T-0779	1	GASKET	
	17	1	3T-3951	1	PLATE AS	
	18	1	6T-8364	4	BOLT (1/4-20X.625IN)	
M		1	9T-4295	4	WASHER-HARD (2MM THK)	
	19	1	6X-8464	1	FLOOR MAT	
	20	1	8E-8948	1	MODULE AS-OPERATOR	
	21	1	3T-3934	1	HANDHOLD	
	22	1	9P-8871	2	PLUG	
	23	2	6T-8364	4	BOLT (1/4-20X.625IN)	
M		2	9T-4295	4	WASHER-HARD (2MM THK)	
	24	2	6M-3962	17	BOLT (3/8-16X.750IN)	
	25	2	6P-1078	21	WASHER-HARD (9MM THK)	
	26	2	7T-0126	1	SEAL	
	27	2	7X-0378	2	BOLT (3/4-10X5IN)	
		2	7X-0682	2	WASHER-HARD (6MM THK)	
	28	2	3T-3482	2	PLATE	
	29	2	3T-8290	1	PLATE AS	
		2	7S-4838	6	SPACER	
	30	2	3T-8281	1	SEAL	
	31	2	7S-8817	1	GASKET	
	32	2	7S-8915	1	COVER AS	
		2	2R-2376	2	WASHER	
		2	6P-8928	2	SCREW-KNURLED	
	33	2	9W-3429	1	COVER	
	34	2	8E-8937	1	COVER	
	35	2	6D-3931	8	SCREW-SOCKET HEAD	
	36	2	9W-3142	8	MOUNTING	
	37	2	9W-9927	2	PLATE	
	38	2	7X-0390	2	BOLT (7/8-9X6IN)	
		2	7X-0672	2	WASHER-HARD	
	39	2	6L-8454	4	BOLT (3/8-16X1.0IN)	
	40	2	3T-4788	1	COVER	

12 FRAME AND BODY 1 of 4 SELP4570-01

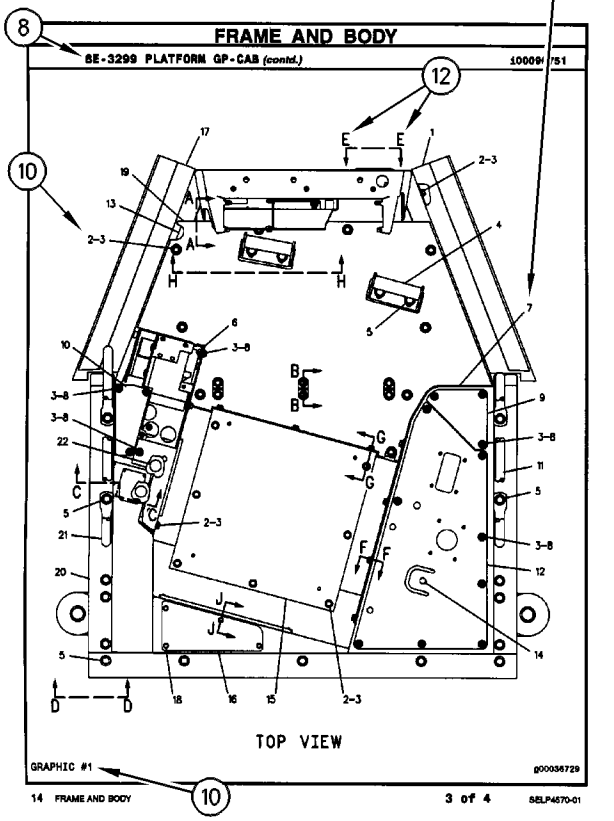


FRAME AND BODY

8E-3299 PLATFORM GP-CAB (contd.) 100090751

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME (1 2 3 4 5 6 PRODUCT LEVEL)	SEE PAGE
	41	2	8E-2515	1	COVER	
	42	2	7T-0134	1	PLATE	
	43	2	7T-0138	1	GASKET	
	44	2	7S-8724	1	GASKET	
	45	2	7S-8723	1	COVER	
	46	2	6V-1960	2	PLUG-BUTTON	
M-METRIC PART						

SELP4570-01 2 of 4 FRAME AND BODY 13



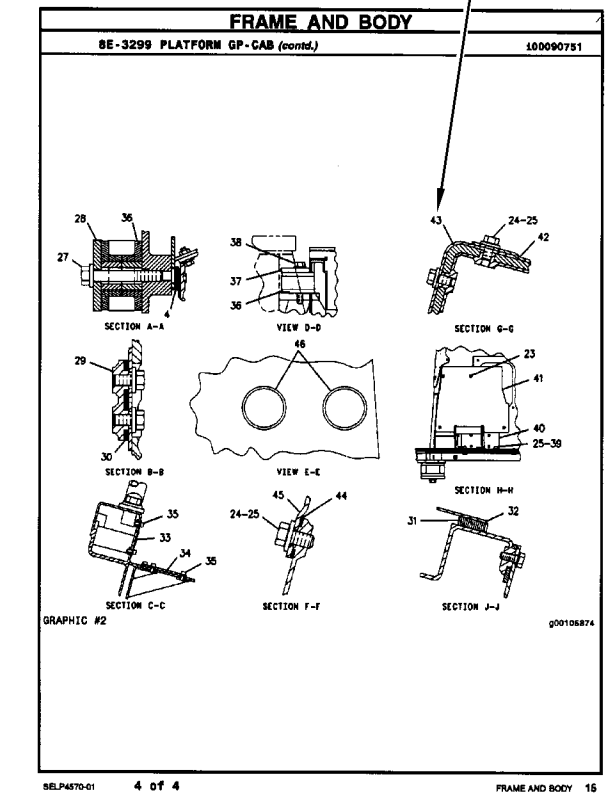
FRAME AND BODY

8E-3299 PLATFORM GP-CAB (contd.) 100090751

TOP VIEW

GRAPHIC #1 g00036729

14 FRAME AND BODY 3 of 4 SELP4570-01



FRAME AND BODY

8E-3299 PLATFORM GP-CAB (contd.) 100090751

SECTION A-A VIEW D-D SECTION G-G

SECTION B-B VIEW E-E SECTION H-H

SECTION C-C SECTION F-F SECTION J-J

GRAPHIC #2 g00105874

SELP4570-01 4 of 4 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.

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-Händlern 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 (Fahrersitz) sind Beispiele für solche Informationseinheiten. Sie sind innerhalb jeder Gruppe alphabetisch, entsprechend der Ersatzteilbezeichnung, und zusätzlich numerisch, entsprechend der Ersatzteilnummer, geordnet.

4. INHALTSVERZEICHNIS

SIS ***Neu im Parts Manual***

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.

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 oben auf den Seiten 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.

SIS ***Neu im Parts Manual***

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

SIS *Neu im Parts Manual*

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

SIS *Neu im Parts Manual*

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.

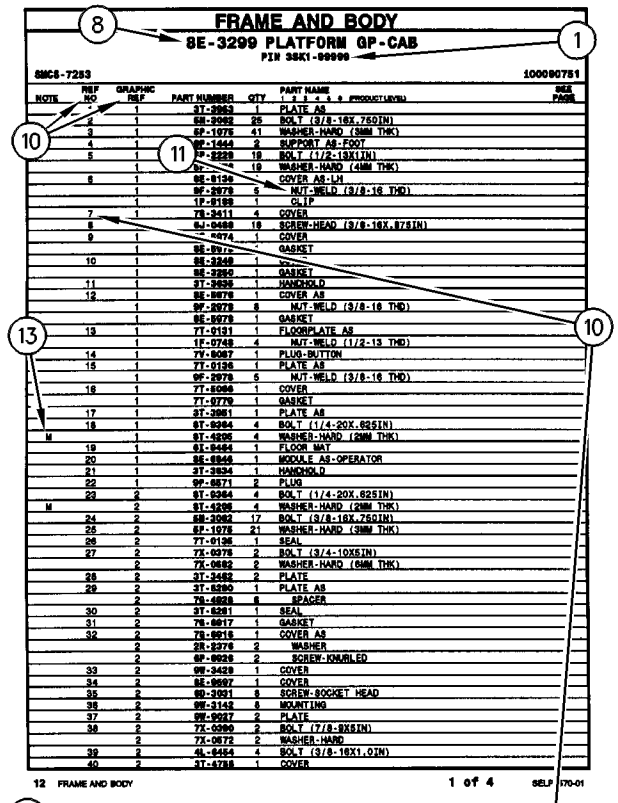
13. ABKÜRZUNGEN UND SYMBOLE

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 "Hose Fabrication Guide"
M – metrisches Teil
R – werküberholtes Teil unter Umständen lieferbar
Y – separate Abbildung
Z – nicht einzeln lieferbar

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 Ersatzteilbuch beantwortet Ihr Caterpillar-Händler.

ALLGEMEINE HINWEISE



FRAME AND BODY

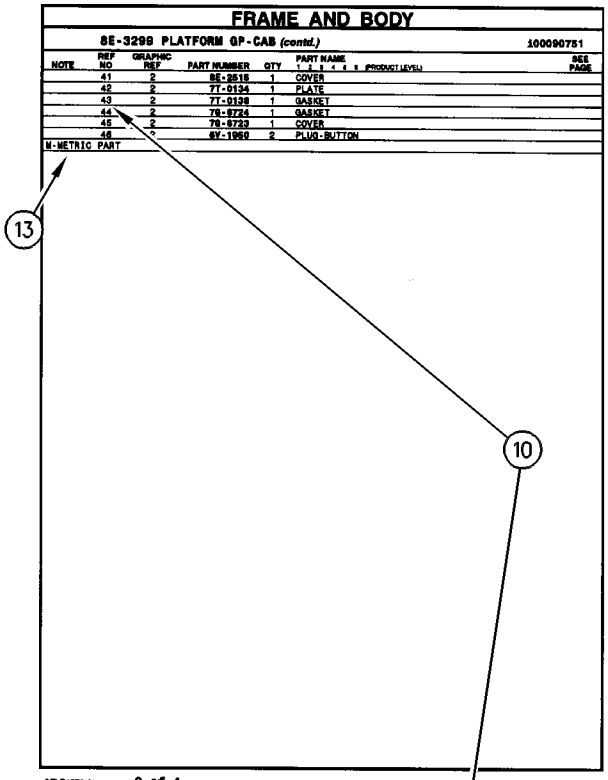
8E-3299 PLATFORM GP-CAB

PIN 38K1-09999

8MC8-7253 100090751

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3T-3963	1	PLATE AS	
	2	1	5B-2092	25	BOLT (3/8-16X.750IN)	
	3	1	5P-1075	41	WASHER-HARD (38M THK)	
	4	1	9P-1444	2	SUPPORT AS-FOOT	
	5	1	5P-2228	19	BOLT (1/2-13X1IN)	
		1	5P-[illegible]	19	WASHER-HARD (44M THK)	
	6	1	8E-8139	1	COVER AS-LH	
		1	9F-2978	6	NUT-WELD (3/8-16 THD)	
		1	1P-8188	1	CLIP	
	7	1	7S-3411	4	COVER	
	8	1	6J-0488	19	SCREW-HEAD (3/8-16X.875IN)	
	9	1	[illegible]-4474	1	COVER	
		1	8E-8[illegible]		GASKET	
	10	1	8E-3248	1	[illegible]	
		1	8E-3250	1	GASKET	
	11	1	3T-3835	1	HANDHOLD	
	12	1	8E-8678	1	COVER AS	
		1	9F-2979	8	NUT-WELD (3/8-16 THD)	
		1	8E-8679	1	GASKET	
	13	1	7T-0131	1	FLOORPLATE AS	
		1	1F-0748	4	NUT-WELD (1/2-13 THD)	
	14	1	7V-8087	1	PLUG-BUTTON	
	15	1	7T-0136	1	PLATE AS	
		1	9F-2978	6	NUT-WELD (3/8-16 THD)	
	16	1	7T-8098	1	COVER	
		1	7T-8779	1	GASKET	
	17	1	3T-3981	1	PLATE AS	
	18	1	8T-9364	4	BOLT (1/4-20X.625IN)	
M		1	8T-4205	4	WASHER-HARD (2MM THK)	
	19	1	6L-8464	1	FLOOR MAT	
	20	1	9E-8948	1	MODULE AS-OPERATOR	
	21	1	3T-3834	1	HANDHOLD	
	22	1	9P-8571	2	PLUG	
	23	2	8T-9364	4	BOLT (1/4-20X.625IN)	
M		2	8T-4205	4	WASHER-HARD (2MM THK)	
	24	2	5B-2092	17	BOLT (3/8-16X.750IN)	
	25	2	5P-1075	21	WASHER-HARD (38M THK)	
	26	2	7T-0126	1	SEAL	
	27	2	7X-0376	2	BOLT (3/4-10X5IN)	
		2	7X-0682	2	WASHER-HARD (64M THK)	
	28	2	3T-3462	2	PLATE	
	29	2	3T-8290	1	PLATE AS	
		2	7S-4828	8	SPACER	
	30	2	3T-8281	1	SEAL	
	31	2	7S-8017	1	GASKET	
	32	2	7S-8016	1	COVER AS	
		2	2R-2276	2	WASHER	
		2	6P-8026	2	SCREW-KNURLED	
	33	2	9W-3429	1	COVER	
	34	2	8E-8697	1	COVER	
	35	2	6D-3031	8	SCREW-SOCKET HEAD	
	36	2	9W-3142	8	MOUNTING	
	37	2	9W-9027	2	PLATE	
	38	2	7X-0390	2	BOLT (7/8-9X8IN)	
		2	7X-0672	2	WASHER-HARD	
	39	2	4L-8454	4	BOLT (3/8-16X1.0IN)	
	40	2	3T-4788	1	COVER	

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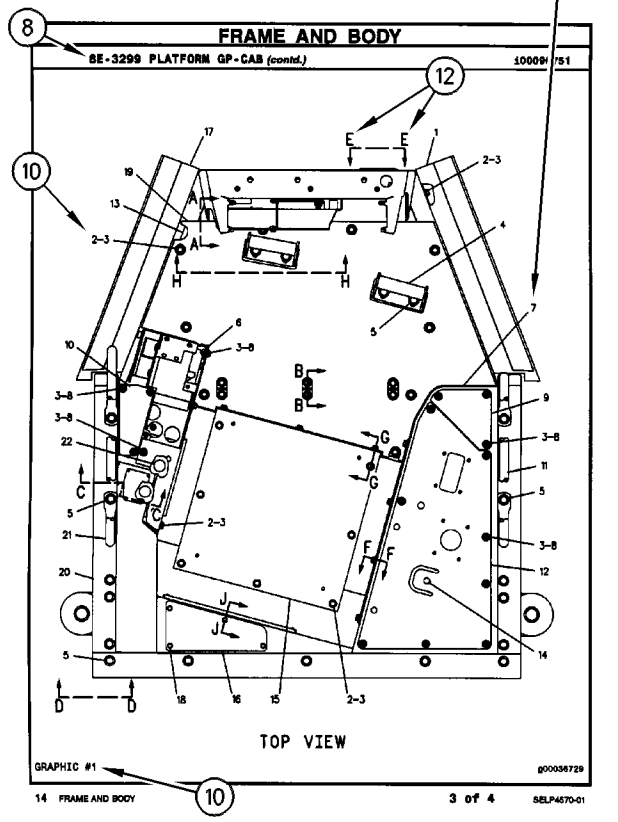
FRAME AND BODY

8E-3299 PLATFORM GP-CAB (contd.) 100090751

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	41	2	8E-2515	1	COVER	
	42	2	7T-0134	1	PLATE	
	43	2	7T-0139	1	GASKET	
	44	2	7S-8724	1	GASKET	
	45	2	7S-8723	1	COVER	
	46	2	6V-1960	2	PLUG-BUTTON	

M-METRIC PART

SELP4570-01 2 of 4 FRAME AND BODY 13



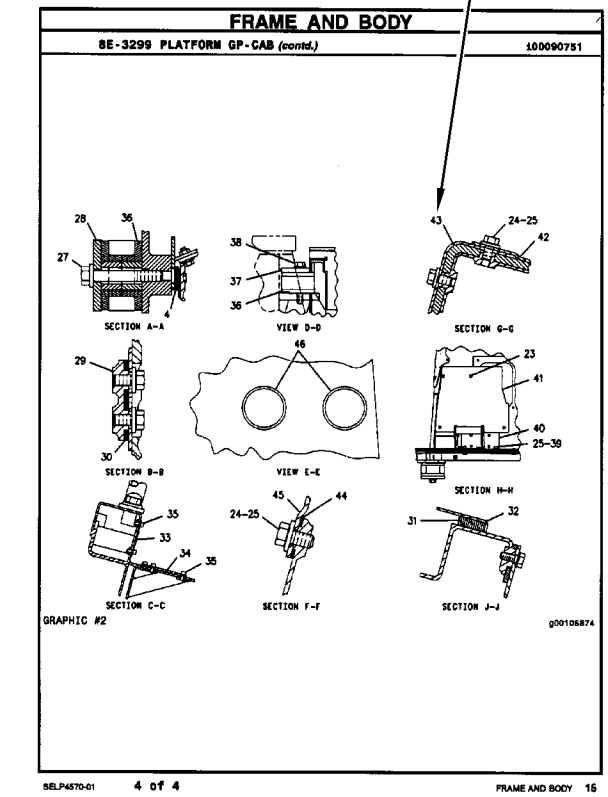
FRAME AND BODY

8E-3299 PLATFORM GP-CAB (contd.) 100090751

TOP VIEW

GRAPHIC #1 g00036729

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FRAME AND BODY

8E-3299 PLATFORM GP-CAB (contd.) 100090751

SECTION A-A VIEW D-D SECTION G-G

SECTION B-B VIEW E-E SECTION H-H

SECTION C-C SECTION F-F SECTION J-J

GRAPHIC #2 g00105874

SELP4570-01 4 of 4 FRAME AND BODY 15

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.

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.

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.

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.

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 UNTERMASS
KURBELWELLEN - MIT ORIGINALMASS
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*	Elément 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 beigefügt werden. Wenn bei Erstfüllung kein vollwertiges Fertigkühlmittel, wie das Frostschutz- und Kühlmittel für Dieselmotoren von Caterpiller (DEAC), verwendet wird, muß bei Erstfüllung Kühlmittelzusatz beigefügt werden. Wieviel Kühlmittelzusatz beigefügt 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 beigefügt werden muß.

Die Kühlmittelzusatzelemente können mit allen Frostschutzmitteln auf Ethylen- oder Propylenglykolbasis 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				
ELEMENT-FILTER	7M-1674	1	LINES GP-AIR	89
FILTER ELEMENT AS-AIR (PRIMARY)	6I-2505	1	AIR CLEANER GP	81
	6I-2505	1	AIR CLEANER GP	82
FILTER ELEMENT AS-AIR (SECONDARY)	6I-2506	1	AIR CLEANER GP	81
	6I-2506	1	AIR CLEANER GP	82
INDICATOR-AIR FILTER SERVICE	1W-0613	2	LINES GP-AIR	89
BASIC ENGINE				
BREATHER AS	4N-4668	3	COVER GP-VALVE MECHANISM	12
GASKET	4N-1151	1	PAN GP-OIL	39
BRAKING SYSTEM				
CAP-DUST	6V-0852	2	LINES GP-SERVICE BRAKE	395
CAP-DUST (HYDRAULIC TEST PORT)	6V-0852	1	LINES GP-PARKING BRAKE	392
COOLING SYSTEM				
CAP-RADIATOR	7N-5565	1	COVER GP-RADIATOR CAP	62
FILTER (WATER PUMP)	111-2721	1	PUMP GP-WATER	72
KEY	5P-8500	1	COVER GP-RADIATOR CAP	62
PADLOCK GP	5P-8502	1	COVER GP-RADIATOR CAP	62
REGULATOR-WATER TEMPERATURE (92 DEG C.)	4W-4794	2	LINES GP-WATER	68
SLEEVE	8Y-6364	1	COVER GP-RADIATOR CAP	62
VALVE AS-PRESSURE RELIEF	5S-1218	1	RADIATOR GP	74

MAINTENANCE PARTS

DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE
ELECTRICAL AND STARTING SYSTEM				
BATTERY (12 VOLT)(DRY)	9X-9730	2	BATTERY & WIRING GP	144
	9X-9730	2	BATTERY GP	148
BELT	129-3574	1	ALTERNATOR GP-CHARGING	140
BOLT (M10X1.50X12MM)	7X-2621	1	STARTING AID GP-ETHER	194
CAP-RECEPTACLE	8C-6354	1	WIRING GP-RELAY PANEL	240
CIRCUIT BREAKER AS (10 AMP) (KEY START)	9G-9487	1	WIRING GP-RELAY PANEL	240
CIRCUIT BREAKER AS (105 AMP) (ALTERNATOR)	3E-7294	1	WIRING GP-RELAY PANEL	240
CIRCUIT BREAKER AS (105 AMP) (MAIN)	3E-7294	1	WIRING GP-RELAY PANEL	240
CIRCUIT BREAKER AS (15 AMP) (ENGINE SHUTDOWN)	6N-8589	1	WIRING GP-RELAY PANEL	240
CIRCUIT BREAKER AS (15 AMP) (RUNNING LAMPS)	3T-2662	1	WIRING GP-RELAY PANEL	240
FUSE (10 AMP)	3K-8782	9	WIRING GP-MONITOR	238
FUSE (15 AMP)	8M-8948	3	WIRING GP-MONITOR	238
FUSE (20 AMP)	8M-0456	1	WIRING GP-MONITOR	238
KEY	8H-5306	1	SWITCH GP-DISCONNECT	212
LAMP	9X-3463	1	LAMP GP-HEAD	164
	9X-4492	1	LAMP GP-SIGNAL	165
LAMP (24 VOLTS)(65 WATTS)	9X-3463	1	LAMP GP-FLOOD	161
	9X-3463	1	LAMP GP-HEAD	163
LAMP (24 VOLT)(65 WATTS)	9X-3463	1	LAMP GP-FLOOD	159
	9X-3463	1	LAMP GP-FLOOD	160
	9X-3463	1	LAMP GP-FLOOD	162
LAMP (28 VOLT)	7N-9943	1	LAMP GP-DOME	158
LENS AS-FLOOD	107-5853	1	LAMP GP-FLOOD	162
LENS AS-FLOODLIGHT	9X-4174	1	LAMP GP-FLOOD	159
	9X-4174	1	LAMP GP-FLOOD	160
	9X-4174	1	LAMP GP-FLOOD	161
LENS-DOME LAMP	7T-0020	1	LAMP GP-DOME	158
FRAME AND BODY				
KEY	5P-8500	1	BUMPER GP-REAR	342
	5P-8500	1	HOOD & GUARD GP	360
PADLOCK GP	5P-8502	2	BUMPER GP-REAR	342
	5P-8502	2	HOOD & GUARD GP	360
FUEL SYSTEM				
CAP AS-FUEL TANK	7X-7700	1	TANK GP-FUEL	136
CAP AS-FUEL TANK FILLER	101-8909	1	ADAPTER GP-FAST FILL FUEL	98
ELEMENT-FILTER	129-0373	1	FILTER GP-WATER SEP & FUEL	108
FILTER	125-5835	1	DRIVE GP-UNIT INJ HYD PUMP	106
FILTER AS-FUEL (SECONDARY)	1R-0749	2	LINES GP-FUEL FILTER	116
FILTER AS-WATER SEP & FUEL (PRIMARY)	129-0372	1	FILTER GP-WATER SEP & FUEL	108
FILTER (UNIT INJECTOR HYDRAULIC PUMP)	125-5835	1	DRIVE GP-UNIT INJ HYD PUMP	100
KIT-CAP FILTER	9X-2205	1	TANK GP-FUEL	136
SEAL-O-RING (110.49MM ID)	9X-8600	1	ADAPTER GP-FAST FILL FUEL	98
	9X-8600	1	TANK GP-FUEL	136
STRAINER-FUEL TANK	9P-7121	1	TANK GP-FUEL	136

MAINTENANCE PARTS

DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE
HYDRAULIC SYSTEM				
CAP AS	6V-9829	1	LINES GP-PILOT	498
CAP AS (11/16-16 THD)	6V-9829	2	VALVE GP-MAIN CONTROL	532
CAP-DUST	6V-0852	2	LINES GP-HYDRAULIC	485
CAP-DUST (HYDRAULIC TEST PORT)	6V-0852	1	LINES GP-HYDRAULIC FAN DRIVE	488
	6V-0852	1	LINES GP-HYDRAULIC FAN DRIVE	492
CAP-FILLER	4J-3754	1	TANK & FILTER GP-HYDRAULIC	518
	4J-3754	1	TANK & FILTER GP-HYDRAULIC	522
ELEMENT-FILTER (FIRE RESISTANT FLUID)	4T-3134	2	TANK & FILTER GP-HYDRAULIC	518
	4T-3134	2	TANK & FILTER GP-HYDRAULIC	522
FITTING-GREASE (1/8-27 THD)	3B-8489	1	CYLINDER GP-TILT	478
	3B-8489	2	CYLINDER & MTG GP-LIFT	472
	3B-8489	1	CYLINDER GP-TILT	480
PLUG-DRAIN	9J-7031	1	TANK & FILTER GP-HYDRAULIC	522
SCREEN	118-8693	3	TANK & FILTER GP-HYDRAULIC	522
SCREEN AS	9T-9227	1	TANK & FILTER GP-HYDRAULIC	522
SCREEN GP	7J-2656	1	TANK & FILTER GP-HYDRAULIC	518
STRAINER AS	3D-6678	1	TANK & FILTER GP-HYDRAULIC	518
	3D-6678	1	TANK & FILTER GP-HYDRAULIC	522
LUBRICATION SYSTEM				
CAP AS	9S-9272	1	OIL CHANGE GP-HIGH SPEED	60
CAP AS-FILLER	6N-2985	1	FILLER GP-ENGINE OIL	50
CAP-DUST	8C-3445	1	LINES GP-ENGINE OIL FILTER	56
FILTER AS-ENGINE OIL	1R-0716	2	FILTER GP-ENGINE OIL	51
OPERATOR STATION				
BLADE AS-WIPER	6V-7419	2	WIPER & WASHER GP-WINDOW	656
BLADE AS-WIPER (FRONT)	6V-7419	1	WIPER & WASHER GP-WINDOW	654
BLADE AS-WIPER (REAR)	6V-5851	1	WIPER & WASHER GP-WINDOW	654
BOLT (M10X1.50X12MM)	7X-2621	2	WIPER & WASHER GP-WINDOW	654
FILTER-AIR	9X-8216	1	CAB GP	568
	9X-8216	1	FILTER GP-CAB AIR	583
	9X-8216	1	FILTER GP-CAB AIR	584
FILTER-SCREEN	8T-5913	2	WASHER GP-WINDOW	651
	8T-5913	2	WASHER GP-WINDOW	652
KEY	5P-8500	2	LITERATURE GP	602
LAMP	9X-4494	1	INSTALLATION GP-RADIO	586
LAMP-MAP	8Y-6335	1	INSTALLATION GP-RADIO	586
LAMP-MINIATURE (28 VOLT)	7N-5876	5	PANEL GP-INSTRUMENT	614
	7N-5876	6	PANEL GP-INSTRUMENT	616
LAMP (28 VOLT)	9W-2111	1	PANEL GP-INSTRUMENT	614
SCREEN GP-SUN (FRONT)	8Y-6339	1	SCREEN GP-SUN	627
SCREEN GP-SUN (REAR)	8Y-6340	1	SCREEN GP-SUN	627
SLEEVE-CABLE SPLICE	5P-7958	1	LITERATURE GP	602
V-BELT	1W-9693	1	COMPRESSOR GP-REFRIGERANT	574

MAINTENANCE PARTS

DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE
POWER TRAIN				
BREATHER (PRESSURE RELIEF)	9G-5127	1	BREATHER GP-POWER TRAIN	250
CAP-DUST	6V-0852	2	LINES GP-POWER TRAIN OIL	291
FITTING-GREASE (1/8-27 THD)	3B-8489	1	UNIVERSAL JOINT GP	330
	3B-8489	1	SLIP JOINT GP	313
	3B-8489	1	SLIP JOINT GP	314
	3B-8489	1	UNIVERSAL JOINT GP	329
SCREEN-SUCTION	3S-3875	1	GEAR & CASE GP-OUTPUT TRANSFER	280
	3S-3875	1	GEAR & CASE GP-OUTPUT TRANSFER	284
SEAL-O-RING (133.66MM ID)	5H-5672	2	PLANETARY GP-TRANSMISSION	298
SEAL-O-RING (81.92MM ID)	4L-9564	3	GEAR & CASE GP-OUTPUT TRANSFER	280
	4L-9564	3	GEAR & CASE GP-OUTPUT TRANSFER	284
	4L-9564	1	SHAFT GP-DRIVE	308
	4L-9564	1	SHAFT GP-DRIVE	310
SERVICE EQUIPMENT AND SUPPLIES				
CAP AS-OIL FILTER	7W-1484	1	PROTECTION GP-VANDALISM	674
KEY	5P-8500	1	PROTECTION GP-VANDALISM	674
PADLOCK GP	5P-8502	1	PROTECTION GP-VANDALISM	674
STEERING SYSTEM				
CAP AS (11/16-16 THD)	6V-9829	1	VALVE & LINES GP-STEERING NEUT	432
CAP-DUST	6V-0852	2	VALVE & LINES GP-STEERING NEUT	432
CAP-DUST (HYDRAULIC TEST PORT)	6V-0852	1	LINES GP-SECONDARY STEERING	412

PIÈCES DE RECHANGE

DESCRIPTION	NUMÉRO DE PIECÈS	QTÉ	DOMAINE D'APPLICATION	PAGE
CHÂSSIS ET BENNE				
CADENAS (ASS)	5P-8502	2	CAPOT ET PROTECTION (ASS)	360
	5P-8502	2	PARE-CHOCS AR (ASS)	342
CLÉ	5P-8500	1	CAPOT ET PROTECTION (ASS)	360
	5P-8500	1	PARE-CHOCS AR (ASS)	342
CIRCUIT D'ADMISSION D'AIR ET D'ÉCHAPPEMENT				
ÉLÉMENT DE FILTRE À AIR (ENS) (PRIMAIRE)	6I-2505	1	FILTRE A AIR (ASS)	81
ÉLÉMENT DE FILTRE	7M-1674	1	CANALISATIONS D'AIR (ASS)	89
ÉLÉMENT DE FILTRE À AIR (ENS) (AUXILIAIRE)	6I-2506	1	FILTRE A AIR (ASS)	81
	6I-2506	1	FILTRE A AIR (ASS)	82
ÉLÉMENT DE FILTRE À AIR (ENS) (PRIMAIRE)	6I-2505	1	FILTRE A AIR (ASS)	82
INDICATEUR DE COLMATAGE DE FILTRE A AIR	1W-0613	2	CANALISATIONS D'AIR (ASS)	89
CIRCUIT DE CARBURANT				
BOUCHON DE REMPLISSAGE DU RÉSERVOIR DE CARBURANT	101-8909	1	ADAPTATEUR DE REMPLIS. RAPIDE DE CARBURANT (ASS)	98
BOUCHON DE RÉSERVOIR DE CARBURANT (ENS)	7X-7700	1	RÉSERVOIR DE CARBURANT (ASS)	136
ÉLÉMENT DE FILTRE	129-0373	1	FILTRE DE SÉPARATEUR D'EAU ET DE CARBURANT (ASS)	108
FILTRE	125-5835	1	ENTRAINEMENT D'INJECTEURS-POMPES HYDRAULIQUES	106
FILTRE - SÉPARATEUR D'EAU ET DE CARBURANT (ENS) (PRIMAIRE)	129-0372	1	FILTRE DE SÉPARATEUR D'EAU ET DE CARBURANT (ASS)	108
FILTRE A CARBURANT (ENS) (AUXILIAIRE)	1R-0749	2	CANALISATIONS DU FILTRE A CARBURANT (ASS)	116
FILTRE (INJECTEUR DE POMPE HYDRAULIQUE)	125-5835	1	ENTRAINEMENT D'INJECTEURS-POMPES HYDRAULIQUES	100
JOINT TORIQUE (DIA INT DE 110,49MM)	9X-8600	1	ADAPTATEUR DE REMPLIS. RAPIDE DE CARBURANT (ASS)	98
	9X-8600	1	RÉSERVOIR DE CARBURANT (ASS)	136
KIT DE CHAPEAU DE FILTRE	9X-2205	1	RÉSERVOIR DE CARBURANT (ASS)	136
TAMIS DE RÉSERVOIR DE CARBURANT	9P-7121	1	RÉSERVOIR DE CARBURANT (ASS)	136
CIRCUIT DE DIRECTION				
CHAPEAU (ENS) (FILET 11/16-16)	6V-9829	1	SOUPAPE ET CANALISATIONS - NEUTRALISATION DE DIR.	432
PARE-POUSSIERE	6V-0852	2	SOUPAPE ET CANALISATIONS - NEUTRALISATION DE DIR.	432
PARE-POUSSIERE (ORIFICE D'ESSAI HYDRAULIQUE)	6V-0852	1	CANALISATION DE DIRECTION AUXILIAIRE	412
CIRCUIT DE FREINS				
PARE-POUSSIERE	6V-0852	2	CANALISATIONS DU FREIN DE MANOEUVRE (ASS)	395
PARE-POUSSIERE (ORIFICE D'ESSAI HYDRAULIQUE)	6V-0852	1	CANALISATIONS DU FREIN DE STATIONNEMENT	392

PIÈCES DE RECHANGE

DESCRIPTION	NUMÉRO DE PIECÈS	QTÉ	DOMAINE D'APPLICATION	PAGE
CIRCUIT DE GRAISSAGE				
BOUCHON DE GOULOTTE DE REMPLISSAGE (ENS)	6N-2985	1	BOUCHON DE REMPLISSAGE D'HUILE MOTEUR (ASS)	50
CHAPEAU (ENS)	9S-9272	1	DISPOSITIF DE VIDANGE RAPIDE D'HUILE (ASS)	60
FILTRE A HUILE MOTEUR (ENS)	1R-0716	2	FILTRE À HUILE MOTEUR (ASS)	51
PARE-POUSSIERE	8C-3445	1	CANALISATIONS - FILTRE D'HUILE MOTEUR (ASS)	56
CIRCUIT DE REFROIDISSEMENT				
CADENAS (ASS)	5P-8502	1	COUVERCLE DE BOUCHON DE RADIATEUR (ASS)	62
CHAPEAU - RADIATEUR	7N-5565	1	COUVERCLE DE BOUCHON DE RADIATEUR (ASS)	62
CLAPET DE DECHARGE DE PRESSION	5S-1218	1	RADIATEUR (ASS)	74
CLÉ	5P-8500	1	COUVERCLE DE BOUCHON DE RADIATEUR (ASS)	62
FILTRE (POMPE À EAU)	111-2721	1	POMPE A EAU (ASS)	72
MANCHON	8Y-6364	1	COUVERCLE DE BOUCHON DE RADIATEUR (ASS)	62
THERMOSTAT-TEMPÉRATURE D'EAU (92 DEGRÉS C)	4W-4794	2	CANALISATIONS D'EAU (ASS)	68

PIÈCES DE RECHANGE

DESCRIPTION	NUMÉRO DE PIECÈS	QTÉ	DOMAINE D'APPLICATION	PAGE
CIRCUIT ELECTRIQUE ET DE DEMARRAGE				
AMPOULE	9X-3463	1	PHARE AV (ASS)	164
	9X-4492	1	LAMPE - CLIGNOTANT DE DIRECTION (ASS)	165
AMPOULE (24 VOLTS) (65 WATTS)	9X-3463	1	LAMPE - PHARE (ASS)	161
	9X-3463	1	PHARE AV (ASS)	163
AMPOULE (24 VOLTS)(65 WATTS)	9X-3463	1	LAMPE - PHARE (ASS)	159
	9X-3463	1	LAMPE - PHARE (ASS)	160
	9X-3463	1	LAMPE - PHARE (ASS)	162
AMPOULE (28 V)	7N-9943	1	PLAFONNIER (ASS)	158
BATTERIE (12 V (A SEC))	9X-9730	2	BATTERIE (ASS)	148
	9X-9730	2	BATTERIE ET CÂBLAGE	144
BOUCHON DE PRISE ÉLECTRIQUE	8C-6354	1	CABLAGE - PANNEAU DE RELAIS	240
BOULON (M10X1,50X12MM)	7X-2621	1	AUXILIAIRE DE DÉMARRAGE À L'ÉTHER	194
CLÉ	8H-5306	1	ROBINET DE BATTERIE (ASS)	212
COURROIE	129-3574	1	ALTERNATEUR DE CHARGE (ASS)	140
DISJONCTEUR (ENS) (10A) (CONTACTEUR DE DÉMARRAGE À CLÉ)	9G-9487	1	CABLAGE - PANNEAU DE RELAIS	240
DISJONCTEUR (ENS) (105A) (ALTERNATEUR)	3E-7294	1	CABLAGE - PANNEAU DE RELAIS	240
DISJONCTEUR (ENS) (105A) (PRINCIPAL)	3E-7294	1	CABLAGE - PANNEAU DE RELAIS	240
DISJONCTEUR (ENS) (15A) (ARRÊT DU MOTEUR)	6N-8589	1	CABLAGE - PANNEAU DE RELAIS	240
DISJONCTEUR (ENS) (15A) (FEUX DE ROUTE)	3T-2662	1	CABLAGE - PANNEAU DE RELAIS	240
FUSIBLE (10A)	3K-8782	9	CABLAGE DU PANNEAU DE COMMANDE	238
FUSIBLE (15A)	8M-8948	3	CABLAGE DU PANNEAU DE COMMANDE	238
FUSIBLE (20 A)	8M-0456	1	CABLAGE DU PANNEAU DE COMMANDE	238
LENTILLE DE PLAFONNIER	7T-0020	1	PLAFONNIER (ASS)	158
LENTILLE DE PROJECTEUR (ENS)	107-5853	1	LAMPE - PHARE (ASS)	162
LENTILLE (ENS)-PROJECTEUR	9X-4174	1	LAMPE - PHARE (ASS)	159
	9X-4174	1	LAMPE - PHARE (ASS)	160
	9X-4174	1	LAMPE - PHARE (ASS)	161

PIÈCES DE RECHANGE

DESCRIPTION	NUMÉRO DE PIECÈS	QTÉ	DOMAINE D'APPLICATION	PAGE
CIRCUIT HYDRAULIQUE				
BOUCHON DE GOULOTTE DE REMPLISSAGE	4J-3754	1	RÉSERVOIR HYDRAULIQUE ET FILTRE (ASS)	518
	4J-3754	1	RÉSERVOIR HYDRAULIQUE ET FILTRE (ASS)	522
BOUCHON DE VIDANGE	9J-7031	1	RÉSERVOIR HYDRAULIQUE ET FILTRE (ASS)	522
CHAPEAU (ENS)	6V-9829	1	CANALISATIONS A COMMANDE PILOTE (ASS)	498
CHAPEAU (ENS) (FILET 11/16-16)	6V-9829	2	SOUPAPE DE COMMANDE PRINCIPALE (ASS)	532
CREPINE (ENS)	3D-6678	1	RÉSERVOIR HYDRAULIQUE ET FILTRE (ASS)	518
	3D-6678	1	RÉSERVOIR HYDRAULIQUE ET FILTRE (ASS)	522
ÉCRAN	118-8693	3	RÉSERVOIR HYDRAULIQUE ET FILTRE (ASS)	522
ECRAN (ASS)	7J-2656	1	RÉSERVOIR HYDRAULIQUE ET FILTRE (ASS)	518
ÉCRAN (ENS)	9T-9227	1	RÉSERVOIR HYDRAULIQUE ET FILTRE (ASS)	522
ÉLÉMENT DE FILTRE (LIQUIDE RÉSISTANT AU FEU)	4T-3134	2	RÉSERVOIR HYDRAULIQUE ET FILTRE (ASS)	522
	4T-3134	2	RÉSERVOIR HYDRAULIQUE ET FILTRE (ASS)	518
GRAISSEUR (FILET 1/8-27)	3B-8489	1	VÉRIN D'INCLINAISON (ASS)	478
	3B-8489	2	VÉRIN DE LEVAGE ET MONTAGE (ASS)	472
	3B-8489	1	VÉRIN D'INCLINAISON (ASS)	480
PARE-POUSSIERE	6V-0852	2	CANALISATIONS HYDRAULIQUES (ASS)	485
PARE-POUSSIERE (ORIFICE D'ESSAI HYDRAULIQUE)	6V-0852	1	CANALISATIONS - ENTRAÎNEMENT DE VENTILATEUR (ASS)	488
	6V-0852	1	CANALISATIONS - ENTRAÎNEMENT DE VENTILATEUR (ASS)	492
MATÉRIEL ET FOURNITURES POUR L'ENTRETIEN				
CADENAS (ASS)	5P-8502	1	PROTECTION ANTI-VANDALISME (ASS)	674
CHAPEAU DE FILTRE A HUILE (ENS)	7W-1484	1	PROTECTION ANTI-VANDALISME (ASS)	674
CLÉ	5P-8500	1	PROTECTION ANTI-VANDALISME (ASS)	674
MOTEUR STANDARD				
JOINT PLAT	4N-1151	1	HUILE MOTEUR - CARTER (ASS)	39
RENIFLARD (ENS)	4N-4668	3	CACHE-SOUPAPES (ASS)	12

PIÈCES DE RECHANGE

DESCRIPTION	NUMÉRO DE PIECÈS	QTÉ	DOMAINE D'APPLICATION	PAGE
POSTE DE CONDUITE				
AMPOULE	9X-4494	1	MONTAGE DE RADIO (ASS)	586
AMPOULE (28 V)	9W-2111	1	TABLEAU DE BORD (ASS)	614
BALAI D'ESSUIE-GLACE (ENS)	6V-7419	2	ESSUIE-GLACE ET LAVE-GLACE	656
BALAI D'ESSUIE-GLACE (ENS) (ARRIÈRE)	6V-5851	1	ESSUIE-GLACE ET LAVE-GLACE	654
BALAI D'ESSUIE-GLACE (ENS) (AVANT)	6V-7419	1	ESSUIE-GLACE ET LAVE-GLACE	654
BOULON (M10X1,50X12MM)	7X-2621	2	ESSUIE-GLACE ET LAVE-GLACE	654
CLÉ	5P-8500	2	LITTÉRATURE (ASS)	602
COURROIE TRAPEZOIDALE	1W-9693	1	COMPRESSEUR DE REFRIGERANT (ASS)	574
ECRAN - SOLEIL (ASS) (ARRIÈRE)	8Y-6340	1	ECRAN - SOLEIL (ASS)	627
ECRAN - SOLEIL (ASS) (AVANT)	8Y-6339	1	ECRAN - SOLEIL (ASS)	627
FILTRE À AIR	9X-8216	1	CABINE (ASS)	568
	9X-8216	1	FILTRE À AIR DE CABINE (ASS)	583
	9X-8216	1	FILTRE À AIR DE CABINE (ASS)	584
LAMPE - CARTE	8Y-6335	1	MONTAGE DE RADIO (ASS)	586
LAMPE (AMPOULE MINIATURE) (28 V)	7N-5876	5	TABLEAU DE BORD (ASS)	614
	7N-5876	6	TABLEAU DE BORD (ASS)	616
MANCHON DE JONCTION DE CABLES	5P-7958	1	LITTÉRATURE (ASS)	602
TAMIS DE FILTRE	8T-5913	2	LAVE-GLACE - VITRE (ASS)	651
	8T-5913	2	LAVE-GLACE - VITRE (ASS)	652
TRANSMISSION				
GRAISSEUR (FILET 1/8-27)	3B-8489	1	JOINT UNIVERSEL (ASS)	330
	3B-8489	1	JOINT UNIVERSEL (ASS)	329
	3B-8489	1	CARDAN COULISSANT (ASS)	314
	3B-8489	1	CARDAN COULISSANT (ASS)	313
JOINT TORIQUE (DIA INT 133,66MM)	5H-5672	2	BOÎTE PLANÉTAIRE (ASS)	298
JOINT TORIQUE (DIA INT 81,92MM)	4L-9564	1	ARBRE D'ENTRAÎNEMENT (ASS)	308
	4L-9564	1	ARBRE D'ENTRAÎNEMENT (ASS)	310
	4L-9564	3	ENGRENAGE DE TRANSFERT ET CARTER	280
	4L-9564	3	ENGRENAGE DE TRANSFERT ET CARTER	284
PARE-POUSSIERE	6V-0852	2	CANALISATIONS D'HUILE DE TRANSMISSION (ASS)	291
RENIFLARD (DÉCHARGE DE PRESSION)	9G-5127	1	RENIFLARD DE TRANSMISSION (ASS)	250
TAMIS D'ASPIRATION	3S-3875	1	ENGRENAGE DE TRANSFERT ET CARTER	280
	3S-3875	1	ENGRENAGE DE TRANSFERT ET CARTER	284

PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
BASTIDOR Y CAJA				
CANDADO (GR)	5P-8502	2	CAPO Y PROTECTOR (GR)	360
	5P-8502	2	PARAGOLPES TRASERO (GR)	342
LLAVE	5P-8500	1	CAPO Y PROTECTOR (GR)	360
	5P-8500	1	PARAGOLPES TRASERO (GR)	342
EQUIPO DE SERVICIO Y SUMINISTROS				
CANDADO (GR)	5P-8502	1	GRUPO DE PROTECCIÓN CONTRA EL VANDALISMO	674
LLAVE	5P-8500	1	GRUPO DE PROTECCIÓN CONTRA EL VANDALISMO	674
TAPA DE TUBO DE LLENADO DEL FILTRO DE ACEITE (GR)	7W-1484	1	GRUPO DE PROTECCIÓN CONTRA EL VANDALISMO	674
MOTOR BÁSICO				
EMPAQUETADURA	4N-1151	1	CÁRTER - COLECTOR DEL (GR)	39
RESPIRADERO (CONJ)	4N-4668	3	TAPA DEL MECANISMO DE VÁLVULAS (GR)	12
PUESTO DEL OPERADOR				
CORREA TRAPEZOIDAL	1W-9693	1	COMPRESOR DE REFRIGERANTE (GR)	574
FILTRO DE AIRE	9X-8216	1	CABINA (GR)	568
	9X-8216	1	FILTRO DE AIRE DE LA CABINA (GR)	583
	9X-8216	1	FILTRO DE AIRE DE LA CABINA (GR)	584
HOJA DE LIMPIAPARABRISAS (CONJ)	6V-7419	2	LIMPIA Y LAVAPARABRISAS (GR)	656
HOJA DE LIMPIAPARABRISAS (CONJ) (FRENTE)	6V-7419	1	LIMPIA Y LAVAPARABRISAS (GR)	654
HOJA DE LIMPIAPARABRISAS (CONJ) (PARTE TRASERA)	6V-5851	1	LIMPIA Y LAVAPARABRISAS (GR)	654
LÁMPARA	9X-4494	1	INSTALACIÓN DE RADIO (GR)	586
LÁMPARA MINIATURA (28 VOLTIOS)	7N-5876	5	TABLERO DE INSTRUMENTOS (GR)	614
	7N-5876	6	TABLERO DE INSTRUMENTOS (GR)	616
LÁMPARA (28 VOLTIOS)	9W-2111	1	TABLERO DE INSTRUMENTOS (GR)	614
LLAVE	5P-8500	2	GRUPO DE SUJECIÓN DE MANUALES DE SERVICIO	602
LUZ DEL MAPA	8Y-6335	1	INSTALACIÓN DE RADIO (GR)	586
MANGUITO DE EMPALME DE CABLE	5P-7958	1	GRUPO DE SUJECIÓN DE MANUALES DE SERVICIO	602
PERNO (M10X1,50X12MM)	7X-2621	2	LIMPIA Y LAVAPARABRISAS (GR)	654
PERSIANA PARA EL SOL (GR) (FRENTE)	8Y-6339	1	PERSIANA PARA EL SOL (GR)	627
PERSIANA PARA EL SOL (GR) (PARTE TRASERA)	8Y-6340	1	PERSIANA PARA EL SOL (GR)	627
REJILLA DE FILTRO	8T-5913	2	LAVAPARABRISAS DE LA VENTANA (GR)	651
	8T-5913	2	LAVAPARABRISAS DE LA VENTANA (GR)	652

PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
SISTEMA DE AIRE DE ADMISIÓN Y ESCAPE				
ELEMENTO DE FILTRO	7M-1674	1	AIRE - TUBERÍAS DE (GR)	89
ELEMENTO DEL FILTRO DE AIRE (CONJ) (PRIMARIO)	6I-2505	1	FILTRO DE AIRE (GR)	81
	6I-2505	1	FILTRO DE AIRE (GR)	82
ELEMENTO DEL FILTRO DE AIRE (CONJ) (SECUNDARIO(A))	6I-2506	1	FILTRO DE AIRE (GR)	81
	6I-2506	1	FILTRO DE AIRE (GR)	82
INDICADOR DE SERVICIO DEL FILTRO DE AIRE	1W-0613	2	AIRE - TUBERÍAS DE (GR)	89
SISTEMA DE COMBUSTIBLE				
COLADOR DEL TANQUE DE COMBUSTIBLE	9P-7121	1	COMBUSTIBLE - TANQUE DE (GR)	136
ELEMENTO DE FILTRO	129-0373	1	FILTRO DE COMBUSTIBLE Y SEPARADOR DE AGUA (GR)	108
FILTRO	125-5835	1	MANDO DE BOMBA HIDRÁULICA INYECTORA (GR)	106
FILTRO (BOMBA HIDRAULICA DE LA UNIDAD DEL INYECTOR)	125-5835	1	MANDO DE BOMBA HIDRÁULICA INYECTORA (GR)	100
FILTRO DE COMBUSTIBLE (CONJ) (SECUNDARIO(A))	1R-0749	2	TUBERÍAS DEL FILTRO DE COMBUSTIBLE	116
FILTRO DE COMBUSTIBLE Y SEPARADOR DE AGUA (CONJ) (PRIMARIO)	129-0372	1	FILTRO DE COMBUSTIBLE Y SEPARADOR DE AGUA (GR)	108
JUEGO DE FILTRO DE TAPA	9X-2205	1	COMBUSTIBLE - TANQUE DE (GR)	136
SELLO ANULAR (DI DE 110,49 MM)	9X-8600	1	ADAPTADOR DE LLENADO RÁPIDO DE COMBUSTIBLE (GR)	98
	9X-8600	1	COMBUSTIBLE - TANQUE DE (GR)	136
TAPA DEL TANQUE DE COMBUSTIBLE (CONJ)	7X-7700	1	COMBUSTIBLE - TANQUE DE (GR)	136
TAPA DEL TUBO DE LLENADO DEL TANQUE DE COMBUSTIBLE (CONJ)	101-8909	1	ADAPTADOR DE LLENADO RÁPIDO DE COMBUSTIBLE (GR)	98
SISTEMA DE DIRECCIÓN				
TAPA CONTRA EL POLVO	6V-0852	2	TUBERÍAS Y VÁLVULAS DE LA DIRECCIÓN NEUTRAL (GR)	432
TAPA CONTRA EL POLVO (ORIFICIO DE LA PRUEBA HIDRÁULICA)	6V-0852	1	TUBERÍAS DE LA DIRECCIÓN SECUNDARIA (GR)	412
TAPÓN (CONJ) (ROSCA 11/16-16)	6V-9829	1	TUBERÍAS Y VÁLVULAS DE LA DIRECCIÓN NEUTRAL (GR)	432

PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
SISTEMA DE ENFRIAMIENTO				
CANDADO (GR)	5P-8502	1	TAPA PROTECTORA DEL RADIADOR (GR)	62
FILTRO (BOMBA DE AGUA)	111-2721	1	BOMBA DE AGUA (GR)	72
LLAVE	5P-8500	1	TAPA PROTECTORA DEL RADIADOR (GR)	62
MANGUITO	8Y-6364	1	TAPA PROTECTORA DEL RADIADOR (GR)	62
REGULADOR DE TEMPERATURA DEL AGUA (92 GR C)	4W-4794	2	TUBERÍAS DEL AGUA (GR)	68
TAPA DEL RADIADOR	7N-5565	1	TAPA PROTECTORA DEL RADIADOR (GR)	62
VÁLVULA DE ALIVIO DE PRESIÓN (CONJ)	5S-1218	1	RADIADOR (GR)	74
SISTEMA DE FRENOS				
TAPA CONTRA EL POLVO	6V-0852	2	TUBERÍAS DEL FRENO DE SERVICIO (GR)	395
TAPA CONTRA EL POLVO (ORIFICIO DE LA PRUEBA HIDRÁULICA)	6V-0852	1	TUBERÍAS DEL FRENO DE ESTACIONAMIENTO (GR)	392
SISTEMA DE LUBRICACIÓN				
FILTRO DE ACEITE DEL MOTOR (CONJ)	1R-0716	2	FILTRO DE ACEITE DEL MOTOR (GR)	51
TAPA CONTRA EL POLVO	8C-3445	1	TUBERÍAS DEL FILTRO DE ACEITE DEL MOTOR	56
TAPA DE LLENADO (CONJ)	6N-2985	1	TUBO DE LLENADO DE ACEITE (GR)	50
TAPÓN (CONJ)	9S-9272	1	CAMBIO RÁPIDO DE ACEITE (GR)	60

PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
SISTEMA ELECTRICO Y DE ARRANQUE				
BATERÍA (12 V (SECA))	9X-9730	2	BATERÍA (GR)	148
	9X-9730	2	BATERÍA Y CABLES (GR)	144
CORREA	129-3574	1	CARGA - ALTERNADOR DE (GR)	140
DISYUNTOR (CONJ) (10 A) (ARRANQUE CON LLAVE)	9G-9487	1	CABLES DEL PANEL DE RELES (GR)	240
DISYUNTOR (CONJ) (105 AMP) (ALTERNADOR)	3E-7294	1	CABLES DEL PANEL DE RELES (GR)	240
DISYUNTOR (CONJ) (105 AMP) (PRINCIPAL)	3E-7294	1	CABLES DEL PANEL DE RELES (GR)	240
DISYUNTOR (CONJ) (15 A) (LUCES DE TRABAJO)	3T-2662	1	CABLES DEL PANEL DE RELES (GR)	240
DISYUNTOR (CONJ) (15 A) (PARADA DEL MOTOR)	6N-8589	1	CABLES DEL PANEL DE RELES (GR)	240
FUSIBLE (10 A)	3K-8782	9	CABLES DEL TABLERO MONITOR (GR)	238
FUSIBLE (15 A)	8M-8948	3	CABLES DEL TABLERO MONITOR (GR)	238
FUSIBLE (20 A)	8M-0456	1	CABLES DEL TABLERO MONITOR (GR)	238
LÁMPARA	9X-3463	1	LÁMPARA DE FARO DELANTERO (GR)	164
	9X-4492	1	LUZ DE SEÑAL DE GIRO (GR)	165
LÁMPARA (24 VOLTIOS)(65 VATIOS)	9X-3463	1	REFLECTOR (GR)	159
	9X-3463	1	REFLECTOR (GR)	160
	9X-3463	1	REFLECTOR (GR)	162
LÁMPARA ((24 VOLTIOS)(65 VATIOS))	9X-3463	1	LÁMPARA DE FARO DELANTERO (GR)	163
	9X-3463	1	REFLECTOR (GR)	161
LÁMPARA (28 VOLTIOS)	7N-9943	1	LÁMPARA DEL TECHO (GR)	158
LENTE DE LAMPARA DEL TECHO	7T-0020	1	LÁMPARA DEL TECHO (GR)	158
LLAVE	8H-5306	1	DISYUNTOR (GR)	212
PERNO (M10X1,50X12MM)	7X-2621	1	AUXILIAR DE ARRANQUE CON ÉTER (GR)	194
TAPA DEL RECEPTACULO	8C-6354	1	CABLES DEL PANEL DE RELES (GR)	240
VIDRIO DE LOS FAROLES (CONJ)	107-5853	1	REFLECTOR (GR)	162
VIDRIO DE LOS REFLECTORES (CONJ)	9X-4174	1	REFLECTOR (GR)	160
	9X-4174	1	REFLECTOR (GR)	161
	9X-4174	1	REFLECTOR (GR)	159

PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
SISTEMA HIDRÁULICO				
COLADOR (CONJ)	3D-6678	1	TANQUE Y FILTRO HIDRÁULICOS (GR)	518
	3D-6678	1	TANQUE Y FILTRO HIDRÁULICOS (GR)	522
CONEXIÓN DE ENGRASE (ROSCA DE 1/8-27)	3B-8489	1	INCLINACIÓN HORIZONTAL - CILINDRO DE (GR)	478
	3B-8489	1	INCLINACIÓN HORIZONTAL - CILINDRO DE (GR)	480
	3B-8489	2	MONTAJE Y CILINDRO DE LEVANTAMIENTO (GR)	472
ELEMENTO DE FILTRO (FLUÍDO RESISTENTE AL FUEGO)	4T-3134	2	TANQUE Y FILTRO HIDRÁULICOS (GR)	522
	4T-3134	2	TANQUE Y FILTRO HIDRÁULICOS (GR)	518
PANTALLA (CONJ)	9T-9227	1	TANQUE Y FILTRO HIDRÁULICOS (GR)	522
REJILLA	118-8693	3	TANQUE Y FILTRO HIDRÁULICOS (GR)	522
REJILLA (GR)	7J-2656	1	TANQUE Y FILTRO HIDRÁULICOS (GR)	518
TAPA CONTRA EL POLVO	6V-0852	2	TUBERÍAS HIDRÁULICAS (GR)	485
TAPA CONTRA EL POLVO (ORIFICIO DE LA PRUEBA HIDRÁULICA)	6V-0852	1	TUBERÍAS DEL MANDO HIDRÁULICO DE VENTILADOR (GR)	488
	6V-0852	1	TUBERÍAS DEL MANDO HIDRÁULICO DE VENTILADOR (GR)	492
TAPA DEL TUBO DE LLENADO	4J-3754	1	TANQUE Y FILTRO HIDRÁULICOS (GR)	518
	4J-3754	1	TANQUE Y FILTRO HIDRÁULICOS (GR)	522
TAPÓN (CONJ)	6V-9829	1	TUBERÍAS CON SERVOMANDO (GR)	498
TAPÓN (CONJ) (ROSCA 11/16-16)	6V-9829	2	VÁLVULA DEL CONTROL PRINCIPAL (GR)	532
TAPÓN DE DRENAJE	9J-7031	1	TANQUE Y FILTRO HIDRÁULICOS (GR)	522
TREN DE FUERZA				
CONEXIÓN DE ENGRASE (ROSCA DE 1/8-27)	3B-8489	1	JUNTA DESLIZANTE (GR)	313
	3B-8489	1	JUNTA DESLIZANTE (GR)	314
	3B-8489	1	JUNTA UNIVERSAL (GR)	329
	3B-8489	1	JUNTA UNIVERSAL (GR)	330
REJILLA DE SUCCIÓN	3S-3875	1	CAJA Y ENGRANAJE DE TRANSFERENCIA DE SALIDA (GR)	280
	3S-3875	1	CAJA Y ENGRANAJE DE TRANSFERENCIA DE SALIDA (GR)	284
RESPIRADERO (ALIVIO DE LA PRESIÓN)	9G-5127	1	RESPIRADERO DE LA TRANSMISIÓN (GR)	250
SELLO ANULAR (133.66MM DI)	5H-5672	2	TRANSMISIÓN PLANETARIA (GR)	298
SELLO ANULAR (81.92MM ID)	4L-9564	3	CAJA Y ENGRANAJE DE TRANSFERENCIA DE SALIDA (GR)	280
	4L-9564	3	CAJA Y ENGRANAJE DE TRANSFERENCIA DE SALIDA (GR)	284
	4L-9564	1	EJE DE MANDO (GR)	308
	4L-9564	1	EJE DE MANDO (GR)	310
TAPA CONTRA EL POLVO	6V-0852	2	TUBERÍAS DE ACEITE DEL TREN DE FUERZA (GR)	291

PEÇAS DE MANUTENÇÃO

DESCRIÇÃO	NÚMERO DE PEÇA	QUANT	UTILIZADA EM	PÁGINA
CHASSI E CARROCERIA				
CADEADO	5P-8502	2	CAPÔ E PROTETOR	360
	5P-8502	2	PÁRA-CHOQUE TRASEIRO	342
CHAVE	5P-8500	1	CAPÔ E PROTETOR	360
	5P-8500	1	PÁRA-CHOQUE TRASEIRO	342
EQUIPAMENTOS DE SERVIÇO E SUPRIMENTOS				
CADEADO	5P-8502	1	PROTEÇÃO CONTRA VANDALISMO	674
CHAVE	5P-8500	1	PROTEÇÃO CONTRA VANDALISMO	674
PROTETOR DO FILTRO DE ÓLEO	7W-1484	1	PROTEÇÃO CONTRA VANDALISMO	674
ESTAÇÃO DO OPERADOR				
CHAVE	5P-8500	2	PUBLICAÇÃO	602
CORREIA EM V	1W-9693	1	COMPRESSOR DE REFRIGERANTE	574
FILTRO - AR	9X-8216	1	CABINE	568
	9X-8216	1	FILTRO - AR DA CABINE	583
	9X-8216	1	FILTRO - AR DA CABINE	584
FILTRO - TELA	8T-5913	2	LAVADOR DO VIDRO	651
	8T-5913	2	LAVADOR DO VIDRO	652
LÂMINA DO LIMPADOR DE PÁRA-BRISA	6V-7419	2	LIMPADOR E LAVADOR - JANELA	656
LÂMINA DO LIMPADOR DE PÁRA-BRISA (DIANTEIRO)	6V-7419	1	LIMPADOR E LAVADOR - JANELA	654
LÂMINA DO LIMPADOR DE PÁRA-BRISA (TRASEIRO)	6V-5851	1	LIMPADOR E LAVADOR - JANELA	654
LÂMPADA	9X-4494	1	INSTALAÇÃO DO RÁDIO	586
LÂMPADA - MAPA	8Y-6335	1	INSTALAÇÃO DO RÁDIO	586
LÂMPADA - MINIATURA (28 V)	7N-5876	5	PAINEL DE INSTRUMENTOS	614
	7N-5876	6	PAINEL DE INSTRUMENTOS	616
LÂMPADA (28 V)	9W-2111	1	PAINEL DE INSTRUMENTOS	614
LUVA DE JUNÇÃO DE CABO	5P-7958	1	PUBLICAÇÃO	602
PARAFUSO (M10X1.50X12MM)	7X-2621	2	LIMPADOR E LAVADOR - JANELA	654
TELA PÁRA-SOL (DIANTEIRO)	8Y-6339	1	TELA PÁRA-SOL	627
TELA PÁRA-SOL (TRASEIRO)	8Y-6340	1	TELA PÁRA-SOL	627
MOTOR BÁSICO				
JUNTA	4N-1151	1	CÁRTER DO ÓLEO DO MOTOR	39
RESPIRO	4N-4668	3	TAMPA - MECANISMO DAS VÁLVULAS	12
SISTEMA DA ADMISSÃO DE AR E DE ESCAPE				
ELEMENTO - FILTRANTE	7M-1674	1	TUBOS - AR	89
ELEMENTO DO FILTRO DE AR (PRIMÁRIO)	6I-2505	1	PURIFICADOR DE AR	81
	6I-2505	1	PURIFICADOR DE AR	82
ELEMENTO DO FILTRO DE AR (SECUNDÁRIO)	6I-2506	1	PURIFICADOR DE AR	81
	6I-2506	1	PURIFICADOR DE AR	82
INDICADOR - LIMPEZA DO FILTRO DE AR	1W-0613	2	TUBOS - AR	89

PEÇAS DE MANUTENÇÃO

DESCRIÇÃO	NÚMERO DE PEÇA	QUANT	UTILIZADA EM	PÁGINA
SISTEMA DE ARREFECIMENTO				
CADEADO	5P-8502	1	TAMPA DO RADIADOR	62
CHAVE	5P-8500	1	TAMPA DO RADIADOR	62
FILTRO (BOMBA D'ÁGUA)	111-2721	1	BOMBA DE ÁGUA	72
LUVA	8Y-6364	1	TAMPA DO RADIADOR	62
REGULADOR DE TEMPERATURA DA ÁGUA (92 GRAUS CENTÍGRADOS)	4W-4794	2	TUBOS - ÁGUA	68
TAMPA - RADIADOR	7N-5565	1	TAMPA DO RADIADOR	62
VÁLVULA DE ALÍVIO DE PRESSÃO	5S-1218	1	RADIADOR	74
SISTEMA DE COMBUSTÍVEL				
ELEMENTO - FILTRANTE	129-0373	1	FILTRO DE COMBUSTÍVEL E SEPARADOR DE ÁGUA	108
FILTRO	125-5835	1	COMANDO DA BOMBA HIDRÁULICA DO INJETOR	106
FILTRO - COMBUSTÍVEL (SECUNDÁRIO)	1R-0749	2	TUBOS - FILTRO DO COMBUSTÍVEL	116
FILTRO - SEPARADOR DE ÁGUA E COMBUSTÍVEL (PRIMÁRIO)	129-0372	1	FILTRO DE COMBUSTÍVEL E SEPARADOR DE ÁGUA	108
FILTRO (BOMBA HIDRÁULICA DA UNIDADE INJETORA)	125-5835	1	COMANDO DA BOMBA HIDRÁULICA DO INJETOR	100
JOGO DE FILTRO DA TAMPA	9X-2205	1	TANQUE DE COMBUSTÍVEL	136
PENEIRA DO TANQUE DE COMBUSTÍVEL	9P-7121	1	TANQUE DE COMBUSTÍVEL	136
RETENTOR DE ANEL-O (DIÂMETRO INTERNO DE 110,49 MM)	9X-8600	1	TANQUE DE COMBUSTÍVEL	136
	9X-8600	1	ADAPTADOR - ABASTECIMENTO RÁPIDO DE COMBUSTÍVEL	98
TAMPA DO BOCAL DE ENCHIMENTO DO TANQUE DE COMBUSTÍVEL	101-8909	1	ADAPTADOR - ABASTECIMENTO RÁPIDO DE COMBUSTÍVEL	98
TAMPA DO TANQUE DE COMBUSTÍVEL	7X-7700	1	TANQUE DE COMBUSTÍVEL	136
SISTEMA DE DIREÇÃO				
TAMPA CONTRA POEIRA	6V-0852	2	VÁLVULA E TUBOS - DIREÇÃO NEUTRA	432
TAMPA CONTRA POEIRA (ENTRADA DE TESTE HIDRÁULICO)	6V-0852	1	TUBOS - DIREÇÃO SECUNDÁRIA	412
TAMPA (ROSCA 11/16-16)	6V-9829	1	VÁLVULA E TUBOS - DIREÇÃO NEUTRA	432
SISTEMA DE FREIO				
TAMPA CONTRA POEIRA	6V-0852	2	TUBOS - FREIO DE SERVIÇO	395
TAMPA CONTRA POEIRA (ENTRADA DE TESTE HIDRÁULICO)	6V-0852	1	TUBOS - FREIO DE ESTACIONAMENTO	392
SISTEMA DE LUBRIFICAÇÃO				
FILTRO - ÓLEO DO MOTOR	1R-0716	2	FILTRO - ÓLEO DO MOTOR	51
TAMPA	9S-9272	1	ÓLEO - ARRANJO PARA TROCA RÁPIDA	60
TAMPA - BOCAL DE ENCHIMENTO	6N-2985	1	BOCAL DE ENCHIMENTO DE ÓLEO DO MOTOR	50
TAMPA CONTRA POEIRA	8C-3445	1	TUBOS - FILTRO DE ÓLEO DO MOTOR	56

PEÇAS DE MANUTENÇÃO

DESCRIÇÃO	NÚMERO DE PEÇA	QUANT	UTILIZADA EM	PÁGINA
SISTEMA ELÉTRICO E DE PARTIDA				
BATERIA (12 V)(SECO)	9X-9730	2	BATERIA	148
	9X-9730	2	BATERIA E CABOS / FIOS ELÉTRICOS	144
CHAVE	8H-5306	1	CHAVE GERAL	212
CORREIA	129-3574	1	ALTERNADOR DE CORRENTE	140
DISJUNTOR AUTOMÁTICO DE CIRCUITO (10 A) (CHAVE DE PARTIDA)	9G-9487	1	CABOS/FIOS ELÉTRICOS - PAINEL DE RELÉ	240
DISJUNTOR AUTOMÁTICO DE CIRCUITO (105 A) (ALTERNADOR)	3E-7294	1	CABOS/FIOS ELÉTRICOS - PAINEL DE RELÉ	240
DISJUNTOR AUTOMÁTICO DE CIRCUITO (105 A) (PRINCIPAL)	3E-7294	1	CABOS/FIOS ELÉTRICOS - PAINEL DE RELÉ	240
DISJUNTOR AUTOMÁTICO DE CIRCUITO (15 A) (LUZES DE OPERAÇÃO)	3T-2662	1	CABOS/FIOS ELÉTRICOS - PAINEL DE RELÉ	240
DISJUNTOR AUTOMÁTICO DE CIRCUITO (15 A) (PARADA DO MOTOR)	6N-8589	1	CABOS/FIOS ELÉTRICOS - PAINEL DE RELÉ	240
FUSÍVEL (10 A)	3K-8782	9	CABOS/FIOS ELÉTRICOS - PAINEL MONITOR	238
FUSÍVEL (15 A)	8M-8948	3	CABOS/FIOS ELÉTRICOS - PAINEL MONITOR	238
FUSÍVEL (20 A)	8M-0456	1	CABOS/FIOS ELÉTRICOS - PAINEL MONITOR	238
LÂMPADA	9X-3463	1	FAROL DIANTEIRO	164
	9X-4492	1	LÂMPADA - SINALIZAÇÃO	165
LÂMPADA (24 VOLTS - 65 WATTS)	9X-3463	1	LÂMPADA - FAROL	159
	9X-3463	1	LÂMPADA - FAROL	160
	9X-3463	1	LÂMPADA - FAROL	162
LÂMPADA (24 VOLTS)(65 WATTS)	9X-3463	1	LÂMPADA - FAROL	161
	9X-3463	1	FAROL DIANTEIRO	163
LÂMPADA (28 V)	7N-9943	1	LÂMPADA - TETO	158
LENTE DA LÂMPADO DO TETO	7T-0020	1	LÂMPADA - TETO	158
LENTES - FAROL	107-5853	1	LÂMPADA - FAROL	162
LENTES - LUZES DE TRABALHO	9X-4174	1	LÂMPADA - FAROL	159
	9X-4174	1	LÂMPADA - FAROL	160
	9X-4174	1	LÂMPADA - FAROL	161
PARAFUSO (M10X1.50X12MM)	7X-2621	1	AUXILIAR DE PARTIDA A ÉTER	194
TAMPA - RECEPTÁCULO	8C-6354	1	CABOS/FIOS ELÉTRICOS - PAINEL DE RELÉ	240

PEÇAS DE MANUTENÇÃO

DESCRIÇÃO	NÚMERO DE PEÇA	QUANT	UTILIZADA EM	PÁGINA
SISTEMA HIDRÁULICO				
BUJÃO DO DRENO	9J-7031	1	TANQUE HIDRÁULICO E FILTRO	522
ELEMENTO - FILTRANTE (FLUIDO À PROVA DE FOGO)	4T-3134	2	TANQUE HIDRÁULICO E FILTRO	518
	4T-3134	2	TANQUE HIDRÁULICO E FILTRO	522
GRAXEIRA (ROSCA 1/8-27 POL)	3B-8489	2	CILINDRO DE LEVANTAMENTO E MONTAGEM	472
	3B-8489	1	CILINDRO DE INCLINAÇÃO	480
	3B-8489	1	CILINDRO DE INCLINAÇÃO	478
TAMPA	6V-9829	1	TUBOS - CIRCUITO PILOTO	498
TAMPA - BOCAL DE ENCHIMENTO	4J-3754	1	TANQUE HIDRÁULICO E FILTRO	518
	4J-3754	1	TANQUE HIDRÁULICO E FILTRO	522
TAMPA CONTRA POEIRA	6V-0852	2	TUBOS - ÓLEO HIDRÁULICO	485
TAMPA CONTRA POEIRA (ENTRADA DE TESTE HIDRÁULICO)	6V-0852	1	TUBOS - COMANDO HIDRÁULICO DO VENTILADOR	488
	6V-0852	1	TUBOS - COMANDO HIDRÁULICO DO VENTILADOR	492
TAMPA (ROSCA 11/16-16)	6V-9829	2	VÁLVULA - CONTROLE PRINCIPAL	532
TELA FILTRANTE	118-8693	3	TANQUE HIDRÁULICO E FILTRO	522
	3D-6678	1	TANQUE HIDRÁULICO E FILTRO	518
	3D-6678	1	TANQUE HIDRÁULICO E FILTRO	522
	7J-2656	1	TANQUE HIDRÁULICO E FILTRO	518
	9T-9227	1	TANQUE HIDRÁULICO E FILTRO	522
TREM DE FORÇA				
GRAXEIRA (ROSCA 1/8-27 POL)	3B-8489	1	JUNTA UNIVERSAL	329
	3B-8489	1	JUNTA CORREDIÇA	313
	3B-8489	1	JUNTA UNIVERSAL	330
	3B-8489	1	JUNTA CORREDIÇA	314
RESPIRO (ALÍVIO DE PRESSÃO)	9G-5127	1	RESPIRO DO TREM DE FORÇA	250
RETENTOR DE ANEL-O (DIÂMETRO INTERNO DE 81.92MM)	4L-9564	1	EIXO DE TRANSMISSÃO	310
	4L-9564	1	EIXO DE TRANSMISSÃO	308
	4L-9564	3	CAIXA DE ENGRENAGEM DE TRANSFERÊNCIA	284
	4L-9564	3	CAIXA DE ENGRENAGEM DE TRANSFERÊNCIA	280
RETENTOR DE ANEL-O (133,66 MM DE DIÂMETRO INTERNO)	5H-5672	2	ENGRENAGENS PLANETÁRIAS - TRANSMISSÃO	298
TAMPA CONTRA POEIRA	6V-0852	2	TUBOS - ÓLEO DA TRANSMISSÃO	291
TELA DE SUCÇÃO	3S-3875	1	CAIXA DE ENGRENAGEM DE TRANSFERÊNCIA	280
	3S-3875	1	CAIXA DE ENGRENAGEM DE TRANSFERÊNCIA	284

WARTUNGSTEILE

BESCHREIBUNG	ERSATZTEIL-NUMMER	MENGE	VERWENDET IN	SEITE
BREMSSYSTEM				
STAUBKAPPE	6V-0852	2	BETRIEBSBREMSLEITUNGEN	395
STAUBKAPPE (HYDRAULIKPRÜFANSCHLUSS)	6V-0852	1	FESTSTELLBREMSLEITUNGEN	392
ELEKTRISCHE ANLAGE U. STARTSYSTEM				
ARBEITSLEUCHTENLINSE	107-5853	1	ARBEITSLEUCHTEN	162
ARBEITSSCHEINWERFERLINSE	9X-4174	1	ARBEITSLEUCHTEN	160
	9X-4174	1	ARBEITSLEUCHTEN	161
LEUCHTE	9X-3463	1	FRONTSCHEINWERFER	164
	9X-4492	1	BLINKLEUCHTE	165
LEUCHTE (24 V)(65 W)	9X-3463	1	ARBEITSLEUCHTEN	159
	9X-3463	1	ARBEITSLEUCHTEN	160
	9X-3463	1	ARBEITSLEUCHTEN	161
	9X-3463	1	ARBEITSLEUCHTEN	162
	9X-3463	1	FRONTSCHEINWERFER	163
SCHLÜSSEL	8H-5306	1	TRENNSCHALTER	212
SCHRAUBE (M10X1,50X12MM)	7X-2621	1	ÄTHERSTARTHILFE	194
SICHERUNG (10 A)	3K-8782	9	ÜBERWACHUNGSTAFELVERDRAHTUNG	238
SICHERUNG (15 A)	8M-8948	3	ÜBERWACHUNGSTAFELVERDRAHTUNG	238
SICHERUNG (20 A)	8M-0456	1	ÜBERWACHUNGSTAFELVERDRAHTUNG	238
STECKDOSENDECKEL	8C-6354	1	RELAISTAFELVERDRAHTUNG	240
UNTERBRECHER (15 A) (FAHRSCHEINWERFER)	3T-2662	1	RELAISTAFELVERDRAHTUNG	240
UNTERBRECHER (10 A) (STARTSCHLÜSSEL)	9G-9487	1	RELAISTAFELVERDRAHTUNG	240
UNTERBRECHER (105 A) (DREHSTROMGENERATOR)	3E-7294	1	RELAISTAFELVERDRAHTUNG	240
UNTERBRECHER (105 A) (HAUPTUNTERBRECHER)	3E-7294	1	RELAISTAFELVERDRAHTUNG	240
ARBEITSSCHEINWERFERLINSE	9X-4174	1	ARBEITSLEUCHTEN	159
BATTERIE (12 V)	9X-9730	2	BATTERIE	148
	9X-9730	2	BATTERIE UND VERDRAHTUNG	144
FAHRERHAUSLEUCHTENLINSE	7T-0020	1	FAHRERHAUSBELEUCHTUNG	158
KEILRIEMEN	129-3574	1	DREHSTROMGENERATOR	140
LEUCHTE (28 V)	7N-9943	1	FAHRERHAUSBELEUCHTUNG	158
UNTERBRECHER (15 A) (MOTORABSTELLUNG)	6N-8589	1	RELAISTAFELVERDRAHTUNG	240

* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN

WARTUNGSTEILE

BESCHREIBUNG	ERSATZTEIL-NUMMER	MENGE	VERWENDET IN	SEITE
FAHRERHAUS				
BUCHSE - KABELSPLEISSUNG	5P-7958	1	DOKUMENTATION	602
FILTERSIEB	8T-5913	2	SCHEIBENWASCHANLAGE	651
	8T-5913	2	SCHEIBENWASCHANLAGE	652
KARTENLEUCHTE	8Y-6335	1	RADIOEINBAUSATZ	586
KEILRIEMEN	1W-9693	1	KÄLTEMITTELKOMPRESSOR	574
LEUCHTE	9X-4494	1	RADIOEINBAUSATZ	586
LEUCHTE (28 V)	9W-2111	1	INSTRUMENTENTAFEL	614
LUFTFILTER	9X-8216	1	FAHRERHAUS	568
	9X-8216	1	FAHRERHAUSLUFTFILTER	583
	9X-8216	1	FAHRERHAUSLUFTFILTER	584
MINIATURLEUCHTE (28 V)	7N-5876	5	INSTRUMENTENTAFEL	614
	7N-5876	6	INSTRUMENTENTAFEL	616
SCHEIBENWISCHERBLATT	6V-7419	2	SCHEIBENWISCHER UND -WASCHANLAGE	656
SCHEIBENWISCHERBLATT (HINTEN)	6V-5851	1	SCHEIBENWISCHER UND -WASCHANLAGE	654
SCHEIBENWISCHERBLATT (VORNE)	6V-7419	1	SCHEIBENWISCHER UND -WASCHANLAGE	654
SCHLÜSSEL	5P-8500	2	DOKUMENTATION	602
SCHRAUBE (M10X1,50X12MM)	7X-2621	2	SCHEIBENWISCHER UND -WASCHANLAGE	654
SONNENBLENDE (HINTEN)	8Y-6340	1	SONNENBLENDE	627
SONNENBLENDE (VORNE)	8Y-6339	1	SONNENBLENDE	627

* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN

WARTUNGSTEILE

BESCHREIBUNG	ERSATZTEIL-NUMMER	MENGE	VERWENDET IN	SEITE
HYDRAULIKSYSTEM				
ABLASSSTOPFEN	9J-7031	1	HYDRAULIKTANK UND SCHMIERFILTER	522
EINFÜLLSTUTZENKAPPE	4J-3754	1	HYDRAULIKTANK UND SCHMIERFILTER	518
	4J-3754	1	HYDRAULIKTANK UND SCHMIERFILTER	522
FILTER (NICHT BRENNBARE FLÜSSIGKEIT)	4T-3134	2	HYDRAULIKTANK UND SCHMIERFILTER	518
	4T-3134	2	HYDRAULIKTANK UND SCHMIERFILTER	522
FILTERSIEB	3D-6678	1	HYDRAULIKTANK UND SCHMIERFILTER	518
	3D-6678	1	HYDRAULIKTANK UND SCHMIERFILTER	522
HYDRAULIKSIEB	7J-2656	1	HYDRAULIKTANK UND SCHMIERFILTER	518
KAPPE	6V-9829	1	VORSTEUERLEITUNGEN	498
KAPPE (11/16-16-GEWINDE)	6V-9829	2	HAUPTSTEUERVENTIL	532
SCHMIERNIPPEL (1/8-27-GEWINDE)	3B-8489	1	KIPPZYLINDER	480
	3B-8489	2	HUBZYLINDER U. BEFESTIGUNGSTEILE	472
	3B-8489	1	KIPPZYLINDER	478
SIEB	118-8693	3	HYDRAULIKTANK UND SCHMIERFILTER	522
	9T-9227	1	HYDRAULIKTANK UND SCHMIERFILTER	522
STAUBKAPPE	6V-0852	2	HYDRAULIKLEITUNGEN	485
STAUBKAPPE (HYDRAULIKPRÜFANSCHLUSS)	6V-0852	1	HYDRAULISCHER LÜFTERANTRIEB, LEITUNGEN	488
	6V-0852	1	HYDRAULISCHER LÜFTERANTRIEB, LEITUNGEN	492
KRAFTSTOFFSYSTEM				
FILTER	125-5835	1	HYDRAULIKPUMPENANTRIEB	106
	129-0373	1	WASSERABSCHEIDER- U. KRAFTSTOFFILTER	108
FILTER (HYDRAULISCHE PUMPENDÜSE)	125-5835	1	HYDRAULIKPUMPENANTRIEB	100
KAPPENFILTERSATZ	9X-2205	1	KRAFTSTOFFTANK	136
KRAFTSTOFFILTER (SICHERHEITSFILTER)	1R-0749	2	KRAFTSTOFFILTERLEITUNGEN	116
KRAFTSTOFFKAPPE	101-8909	1	SCHNELLBETANKUNGSANSCHLUSS	98
KRAFTSTOFFTANK-SIEBEINSATZ	9P-7121	1	KRAFTSTOFFTANK	136
KRAFTSTOFFTANKKAPPE	7X-7700	1	KRAFTSTOFFTANK	136
O-RING-DICHTUNG (110,49 MM INNENDURCHMESSER)	9X-8600	1	KRAFTSTOFFTANK	136
	9X-8600	1	SCHNELLBETANKUNGSANSCHLUSS	98
WASSERABSCHEIDER UND KRAFTSTOFFILTER (HAUPTFILTER)	129-0372	1	WASSERABSCHEIDER- U. KRAFTSTOFFILTER	108

* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN

WARTUNGSTEILE

BESCHREIBUNG	ERSATZTEIL-NUMMER	MENGE	VERWENDET IN	SEITE
KRAFTÜBERTRAGUNG				
ANSAUGSIEB	3S-3875	1	GETRIEBE U. GEHÄUSE (AUSGANGSÜBERTRAGUNG)	280
	3S-3875	1	GETRIEBE U. GEHÄUSE (AUSGANGSÜBERTRAGUNG)	284
ENTLÜFTER (DRUCKBEGRENZUNG)	9G-5127	1	GETRIEBEENTLÜFTER	250
O-RING-DICHTUNG (133,66 MM ID)	5H-5672	2	PLANETENGETRIEBE	298
O-RING-DICHTUNG (81,92 MM ID)	4L-9564	1	ANTRIEBSWELLE	308
	4L-9564	1	ANTRIEBSWELLE	310
	4L-9564	3	GETRIEBE U. GEHÄUSE (AUSGANGSÜBERTRAGUNG)	280
	4L-9564	3	GETRIEBE U. GEHÄUSE (AUSGANGSÜBERTRAGUNG)	284
SCHMIERNIPPEL (1/8-27-GEWINDE)	3B-8489	1	ANTRIEBSWELLEN-KEILVERZAHNUNG	313
	3B-8489	1	ANTRIEBSWELLEN-KEILVERZAHNUNG	314
	3B-8489	1	KREUZGELENK	329
	3B-8489	1	KREUZGELENK	330
STAUBKAPPE	6V-0852	2	ÖLLEITUNGEN - KRAFTÜBERTRAGUNG	291
KÜHLSYSTEM				
BUCHSE	8Y-6364	1	KÜHLERKAPPE	62
FILTER (WASSERPUMPE)	111-2721	1	KÜHLWASSERPUMPE	72
KÜHLERKAPPE	7N-5565	1	KÜHLERKAPPE	62
SCHLÜSSEL	5P-8500	1	KÜHLERKAPPE	62
ÜBERDRUCKVENTIL	5S-1218	1	KÜHLER	74
VORHÄNGESCHLOSS	5P-8502	1	KÜHLERKAPPE	62
WASSERTEMPERATURREGLER (92 GRAD CELSIUS)	4W-4794	2	KÜHLWASSERLEITUNGEN	68
LENKSYSTEM				
KAPPE (11/16-16-GEWINDE)	6V-9829	1	LENKNEUTRALISIERVENTIL U. LEITUNGEN	432
STAUBKAPPE	6V-0852	2	LENKNEUTRALISIERVENTIL U. LEITUNGEN	432
STAUBKAPPE (HYDRAULIKPRÜFANSCHLUSS)	6V-0852	1	NOTLENKUNGSLEITUNGEN	412
LUFTANSAUG- UND ABGASSYSTEM				
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MACHINE ARRANGEMENT

152-9752 CHASSIS AR

PIN 2KZ1-UP

PART OF 152-9751 GENERAL AR

SMCS-7000 **i01086908**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*8R-5655*	1	BATTERY & WIRING GP	144
Y	*125-1144*	1	BUMPER GP-REAR	342
Y	*8R-5628*	1	ENCLOSURE GP-HYDRAULIC TANK	344
Y	*168-6996*	1	FENDER GP	345
Y	*152-9754*	1	FENDER GP-FRONT	346
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Y	*149-5954*	1	FRAME GP-FRONT	350
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Y	*4E-9817*	1	GUARD GP-CRANKCASE	353
Y	*8R-5635*	1	GUARD GP-POWER TRAIN	354
Y	*8R-5636*	1	GUARD GP-RADIATOR	356
Y	*8R-5637*	1	HITCH GP-ARTICULATING	358
Y	*8R-5638*	1	HOOD & GUARD GP	360
Y	*8R-5641*	1	LADDER GP	364
Y	*8R-5643*	1	LIGHTING GP-FLOOD	169
Y	*123-1059*	1	LIGHTING GP-FLOOD	170
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Y-SEPARATE ILLUSTRATION

MACHINE ARRANGEMENT

152-9751 GENERAL AR

PIN 2KZ1-UP

SMCS-7000 **i01245816**

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Y	*153-2070*	1	BULLDOZER AR	551
Y	*152-9752*	1	CHASSIS AR	1
Y	**122-1117**	1	ENGINE AR	4
Y	*152-9753*	1	HYDRAULIC AR	483
Y	*122-4986*	1	INSTALLATION AR-ENGINE	6
Y	*130-3805*	1	LINES GP-SECONDARY STEERING	412
Y	*9U-1973*	1	OIL CHANGE GP-HIGH SPEED	60
Y	*154-3161*	1	POWER TRAIN AR	303
Y	*125-1150*	1	STARTING AR-COLD WEATHER	196
Y	*130-5169*	1	TIRE & RIM AR	318

Y-SEPARATE ILLUSTRATION

MEMORANDA

ENGINE ARRANGEMENT

122-1117 ENGINE AR

S/N 80M861-UP

PART OF 152-9751 GENERAL AR

SMCS-1000 **i01229336**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*122-9520*	1	AFTERCOOLER GP-WATER	80
Y	*108-1553*	1	CAMSHAFT GP	7
Y	*109-0400*	1	CONTROL & MTG GP-ENGINE ELEK	150
			S/N 80M861-2626	
Y	*164-7782*	1	CONTROL & MTG GP-ENGINE ELEK	151
			S/N 80M2627-UP	
Y	**127-8501**	1	CONTROL GP-ENG RATINGS ELEK	152
Y	*128-5998*	1	COVER GP-CYLINDER BLOCK	8
Y	*4N-6876*	1	COVER GP-FLYWHEEL HOUSING	9
Y	*122-1636*	1	COVER GP-FRONT HOUSING	10
Y	*6N-0198*	1	COVER GP-OIL PAN	11
Y	*139-4615*	1	COVER GP-VALVE MECHANISM	12
Y	*4N-0922*	1	CRANKSHAFT GP	13
YR	*109-9010*	1	CYLINDER BLOCK GP	18
Y	*108-1552*	1	CYLINDER HEAD GP	22
Y	*6N-2229*	1	DAMPER GP	25
Y	*125-3431*	1	DRIVE GP-UNIT INJ HYD PUMP	102
Y	*119-8583*	1	FASTENER GP-OIL PUMP MOUNTING	49
Y	*4N-7842*	1	FILLER GP-ENGINE OIL	50
Y	*4N-2357*	1	FILTER GP-ENGINE OIL	51
Y	*4P-3669*	1	FLYWHEEL GP	26
Y	*4N-7839*	1	GAUGE GP-OIL LEVEL (DIPSTICK)	54
Y	*126-7282*	1	GEAR GP-FRONT	27
Y	*4P-3582*	1	GEAR GP-REAR	28
Y	*4P-3010*	1	HOUSING GP-FLYWHEEL	32
			S/N 80M861-2705	
Y	*141-8917*	1	HOUSING GP-FLYWHEEL	33
			S/N 80M2706-UP	
Y	*126-7280*	1	HOUSING GP-FRONT	34
Y	*122-1177*	1	LIFTING GP-ENGINE	36
Y	*126-2267*	1	LIFTING GP-ENGINE	38
Y	*6I-4659*	1	LINES GP-AIR	88
Y	*122-4306*	1	LINES GP-AIR	90
Y	*122-1790*	1	LINES GP-ENGINE OIL	55
Y	*122-1898*	1	LINES GP-ENGINE OIL FILTER	56
Y	*114-5212*	1	LINES GP-FUEL FILTER	116
Y	*109-0399*	1	LINES GP-INJECTOR HYD PUMP	119
Y	*122-6789*	1	LINES GP-TURBOCHARGER OIL	58
Y	*110-3018*	1	LINES GP-WATER	64
Y	*134-6257*	1	LINES GP-WATER	68
Y	*122-4978*	1	LINES GP-WATER	66
Y	*108-4740*	1	MANIFOLD GP-EXHAUST	91
Y	*122-1789*	1	PAN GP-OIL	39
Y	*109-2823*	12	PISTON & ROD GP	40
Y	*122-7969*	1	PLUG GP-CYLINDER BLOCK	41
Y	*122-9522*	1	PLUG GP-CYLINDER HEAD	42
Y	*126-7292*	1	PUMP & MTG GP-UNIT INJ HYD	120
YR	**116-1980**	1	PUMP GP-ENGINE OIL	61
Y	*108-7090*	12	PUMP GP-FUEL INJECTION	126
Y	*4N-5837*	1	PUMP GP-WATER	70
Y	*102-8748*	1	SUPPORT GP-ENGINE	46
Y	*100-4417*	1	SWITCH GP-FLOW	214
Y	*122-3740*	1	TURBOCHARGER GP	95
Y	*108-1874*	1	VALVE MECHANISM GP	48
Y	*118-9692*	1	WIRING GP-ENGINE	226
Y	*109-0401*	6	WIRING GP-UNIT INJECTOR	243

122-1117 ENGINE AR *(contd.)* i01229336

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
			AVAILABLE GASKET KIT(S):	
	141-0338		KIT-GASKET (AFTERCOOLER & LINES)	
	141-0342		KIT-GASKET (BRAKE OIL COOLER LINES)	
	141-0339		KIT-GASKET (CYLINDER BLOCK & OIL PAN)	
	141-0341		KIT-GASKET (FRONT STRUCTURE)	
	141-0340		KIT-GASKET (FUEL SYSTEM)	
	152-4055		KIT-GASKET (MULTIPLE CYLINDER HEAD)	
	132-3444		KIT-GASKET (OIL COOLER & LINES)	
	141-0343		KIT-GASKET (REAR STRUCTURE)	
	160-9874		KIT-GASKET (SINGLE CYLINDER LINER)	
	141-0345		KIT-GASKET (TURBOCHARGER INSTALLATION)	
	141-0348		KIT-GASKET (WATER LINES GROUP)	
	140-2749		KIT-GASKET (WATER PUMP)	

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

ENGINE ARRANGEMENT

122-4986 INSTALLATION AR-ENGINE

PIN 2KZ1-UP

PART OF 152-9751 GENERAL AR

SMCS-1000 **i01215448**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*6N-0184*	1	AIR CLEANER GP	83
Y	*4P-3808*	1	ALTERNATOR GP-CHARGING	140
Y	*4P-6186*	1	COMPRESSOR GP-REFRIGERANT	574
Y	*4P-3809*	1	CONDENSER & MTG GP-REFRIGERANT	576
Y	*7E-0606*	1	COOLER GP-HYDRAULIC OIL	470
Y	*1N-4368*	1	DUST EJECTOR GP	86
Y	*106-8960*	1	EXTENSION GP-EXHAUST	87
Y	*7E-0608*	1	FAN GP-BLOWER	63
Y	*131-0463*	1	FILTER GP-WATER SEP & FUEL	108
Y	*139-4209*	1	FUMES DISPOSAL GP	52
Y	*117-3151*	1	LINES GP-AIR	89
Y	*123-1002*	1	LINES GP-WATER	67
Y	*122-4985*	1	MUFFLER GP	92
Y	*7E-0611*	1	PULLEY GP-CRANKSHAFT	43
Y	*8N-7763*	1	PUMP GP-FUEL PRIMING	129
			PIN 2KZ1-302	
Y	*165-9154*	1	PUMP GP-FUEL PRIMING	130
			PIN 2KZ303-UP	
Y	*7E-0612*	1	RADIATOR GP	74
Y	*123-1050*	1	STARTING AID GP-ETHER	194
Y	*105-4729*	1	STARTING MOTOR GP-ELECTRIC	206
Y	*7E-0644*	1	SUPPORT GP-ENGINE	45
Y	*7E-0607*	1	SUPPORT GP-FAN DRIVE	47

Y-SEPARATE ILLUSTRATION

BASIC ENGINE

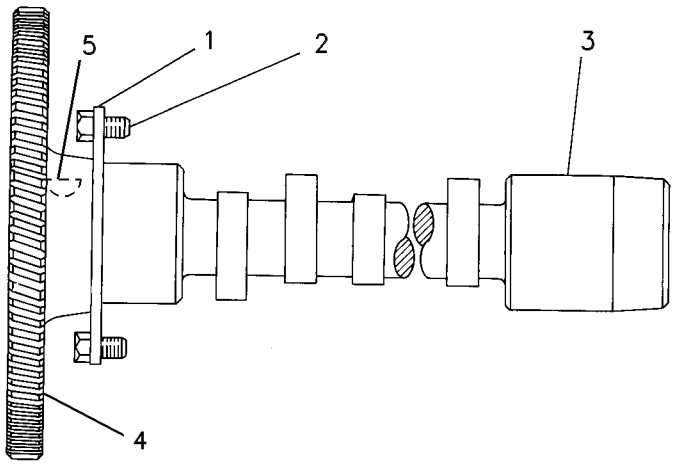
108-1553 CAMSHAFT GP

S/N 80M861-UP

PART OF 122-1117 ENGINE AR

SMCS-1210, 1211, 1212 **i00094924**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4N-0342**	1	PLATE-CAMSHAFT THRUST	
	2	1	**0S-0509**	2	BOLT (3/8-16X.75IN)	
	3	1	**108-6278**	1	CAMSHAFT AS	
	4	1	**101-3374**	1	GEAR-CAMSHAFT DRIVE (86 TEETH)	
	5	1	**1B-8705**	1	KEY-WOODRUFF	



GRAPHIC #1 g00086422

128-5998 COVER GP-CYLINDER BLOCK

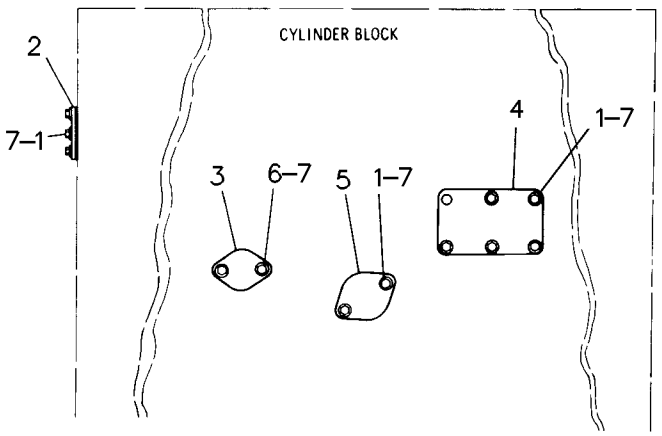
S/N 80M861-UP

PART OF 122-1117 ENGINE AR

SMCS-1201 **i00186252**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
B	1	1	**0S-1594**	11	BOLT (3/8-16X1IN)	
	2	1	**4N-1683**	1	COVER	
		1	**4N-1684**	1	GASKET	
B	3	1	**2P-2772**	1	COVER	
B		1	**4N-0933**	1	GASKET	
	4	1	**4N-1682**	1	COVER	
		1	**4N-0864**	1	GASKET	
B	5	1	**4N-0794**	1	COVER	
B		1	**7C-0307**	1	GASKET	
	6	1	**0L-1351**	1	BOLT (3/8-16X.875IN)	
B	7	1	**5M-2894**	12	WASHER (2.5MM THK)	

B-USE AS REQUIRED



GRAPHIC #1 g00121311

BASIC ENGINE

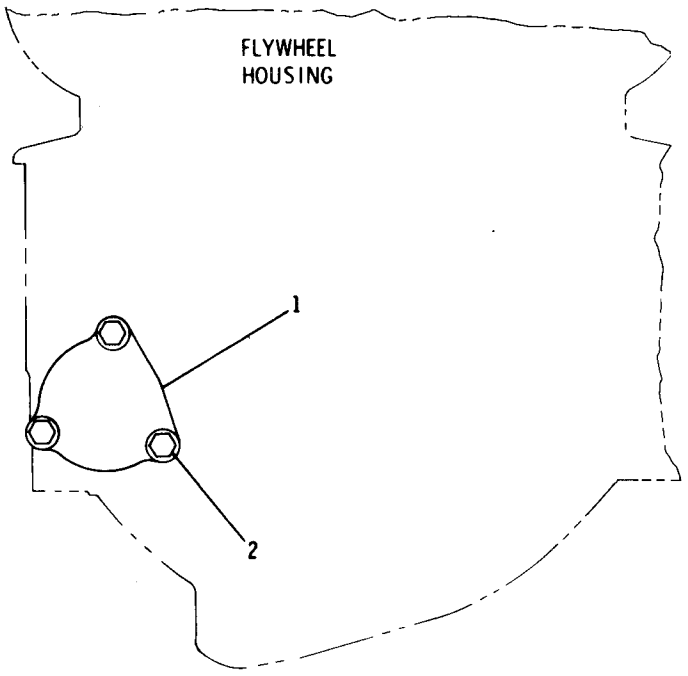
4N-6876 COVER GP-FLYWHEEL HOUSING

S/N 80M861-UP

PART OF 122-1117 ENGINE AR

SMCS-1157 **i00107504**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4N-1114**	1	COVER	
		1	**9Y-6089**	1	GASKET	
	2	1	**0S-1566**	3	BOLT (5/8-11X1.5IN)	
		1	**5P-8247**	3	WASHER-HARD (3.5MM THK)	



GRAPHIC #1 g00082168

BASIC ENGINE

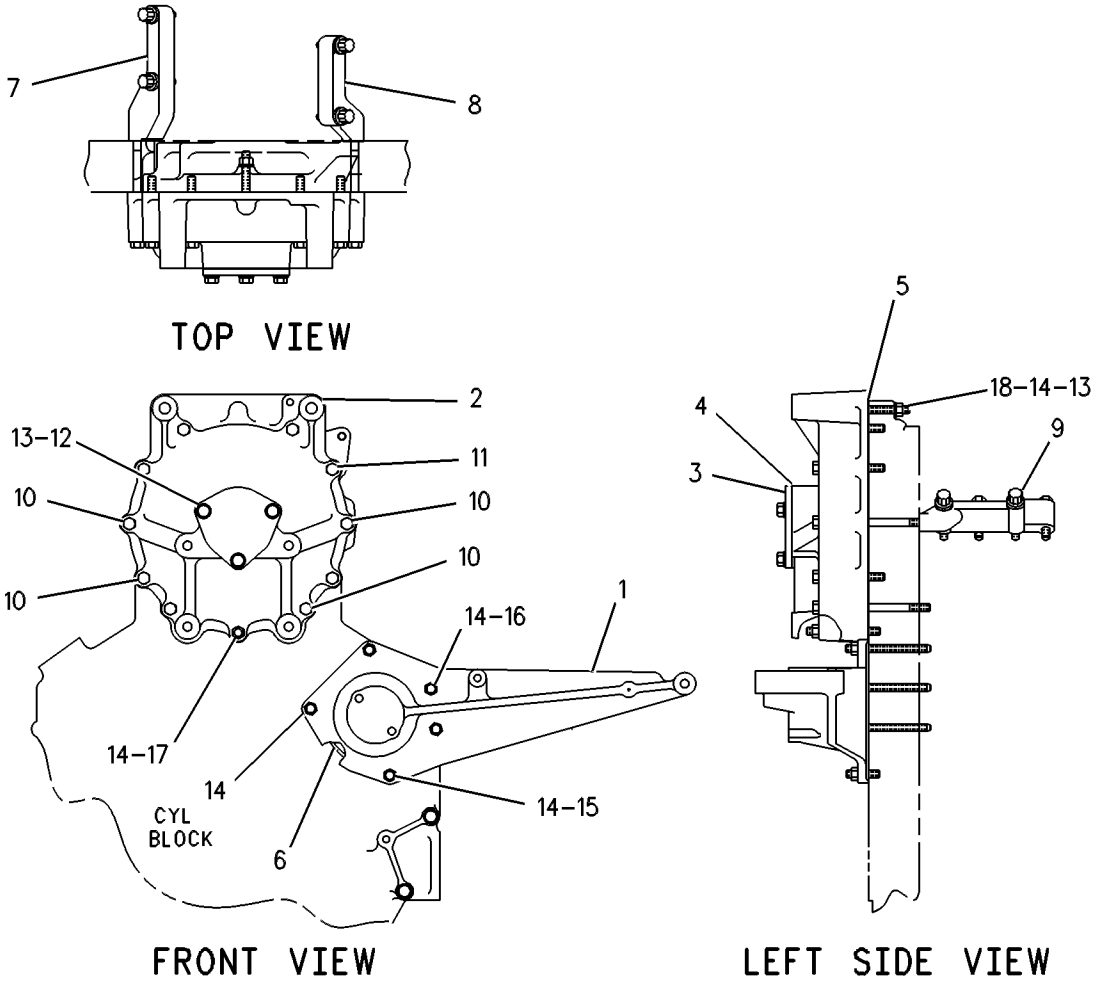
122-1636 COVER GP-FRONT HOUSING

S/N 80M861-UP

PART OF 122-1117 ENGINE AR

SMCS-1151, 1166 **i00636150**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**113-3174**	1	BRACKET-COMPRESSOR	
	2	1	**9N-5576**	1	COVER-FUEL PUMP GEAR	
	3	1	**6N-2509**	1	COVER	
	4	1	**6N-2508**	1	GASKET	
	5	1	**4N-1998**	1	GASKET (FUEL PUMP GEAR)	
	6	1	**9X-7371**	1	SEAL-O-RING (126.59MM ID)	
	7	1	**116-5821**	1	SUPPORT-HOUSING (RH)	
	8	1	**116-6264**	1	SUPPORT-HOUSING (LH)	
	9	1	**3S-1307**	4	BOLT-12 POINT HEAD (3/8-16 X 2IN)	
	10	1	**5F-4899**	4	BOLT (3/8-16X5.5IN)	
	11	1	**0L-1352**	6	BOLT (3/8-16X3.25IN)	
	12	1	**0S-1594**	3	BOLT (3/8-16X1IN)	
	13	1	**5M-2894**	4	WASHER (2.5MM THK)	
	14	1	**9S-8752**	7	NUT-FULL (3/8-16 THD)	
	15	1	**3K-3256**	1	STUD (3/8IN NC X 1-11/16)	
	16	1	**2P-1974**	3	STUD-TAPERLOCK (3/8IN NC X 4-7/32)	
	17	1	**3B-4589**	1	STUD (3/8IN NC X 3-5/8)	
	18	1	**3M-0496**	1	STUD-TAPERLOCK (.374IN NC X 2.60)	



GRAPHIC #1 g00276892

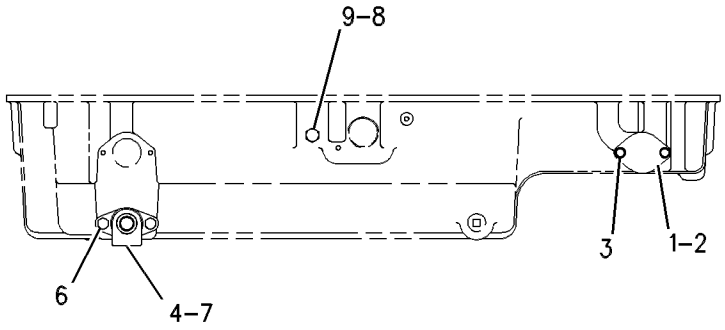
6N-0198 COVER GP-OIL PAN

S/N 80M861-UP

PART OF 122-1117 ENGINE AR

SMCS-1302 **i01010208**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4N-0794**	1	COVER	
	2	1	**7C-0307**	1	GASKET	
	3	1	**0S-1588**	2	BOLT (3/8X1.25)	
		1	**5M-2894**	2	WASHER (2.5MM THK)	
	4	1	**4P-0519**	1	ADAPTER AS-DRAIN	
		1	**109-5839**	1	PLUG-OIL DRAIN	
		1	**109-5840**	1	ADAPTER-PLUG	
	6	1	**0S-1587**	2	BOLT (1/2-13X1.75IN)	
	7	1	**6V-3830**	1	SEAL-O-RING (34.29MM ID)	
	8	1	**8L-2786**	1	SEAL-O-RING (16.36MM ID)	
	9	1	**9S-4185**	1	PLUG-O-RING (3/4-16 THD)	



RIGHT SIDE VIEW

GRAPHIC #1 g00518081

BASIC ENGINE

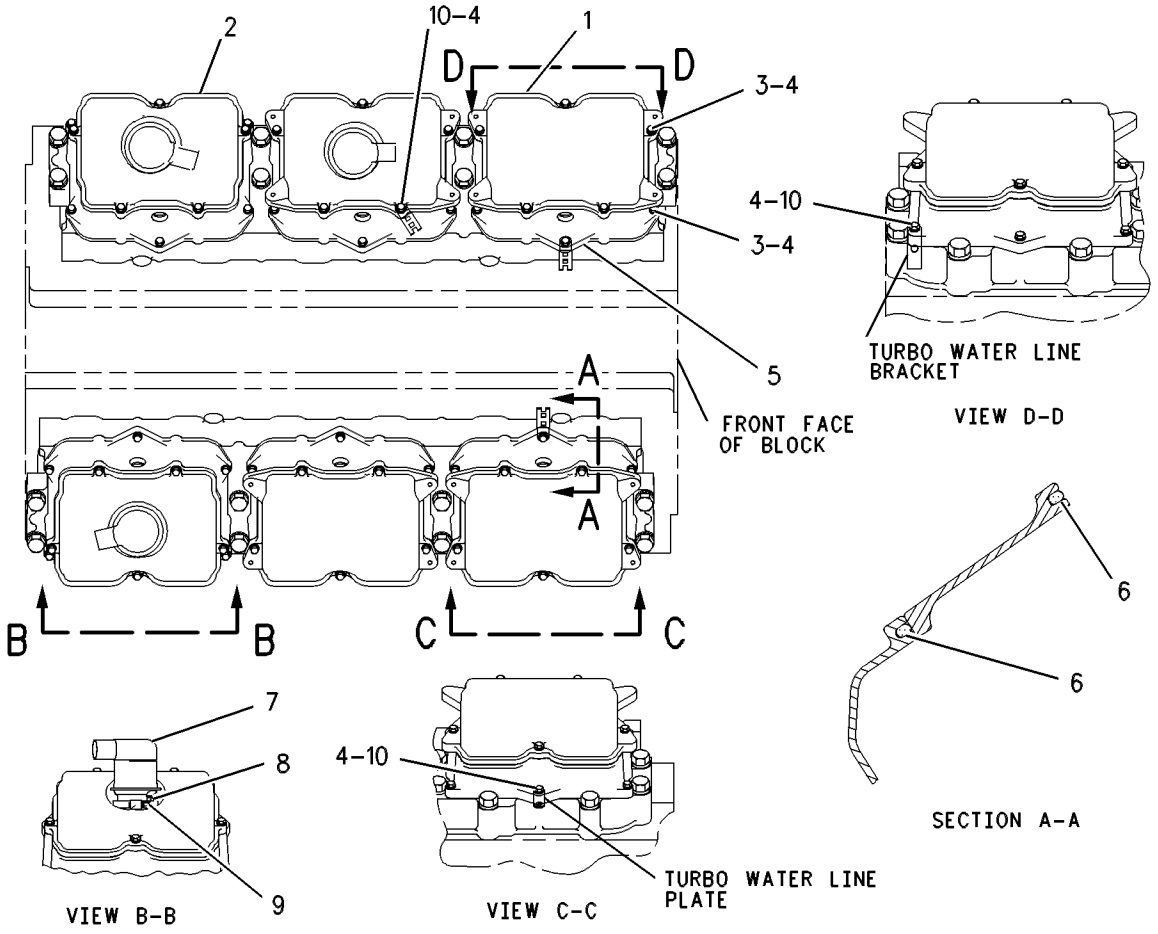
139-4615 COVER GP-VALVE MECHANISM

S/N 80M861-UP

PART OF 122-1117 ENGINE AR

SMCS-1107 **i00961394**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**114-8684**	3	COVER-VALVE MECHANISM	
	2	1	**119-9015**	3	COVER AS-VALVE	
		1	**6V-5100**	1	SEAL-O-RING (53.64MM ID)	
		1	**7C-6514**	1	ADAPTER	
	3	1	**1B-2790**	63	BOLT (5/16-18X1.375IN)	
	4	1	**9M-1974**	66	WASHER-HARD (2MM THK)	
	5	1	**106-9488**	6	BASE-VALVE COVER	
	6	1	**108-3956**	12	SEAL-DIAMOND	
	7	1	**4N-4668**	3	BREATHER AS	
	8	1	**6V-3831**	3	SEAL-O-RING (53.34MM ID)	
	9	1	**2N-8109**	3	CLAMP	
	10	1	**1A-9579**	3	BOLT (5/16-18X1.5IN)	



GRAPHIC #1 g00490028

BASIC ENGINE

4N-0922 CRANKSHAFT GP

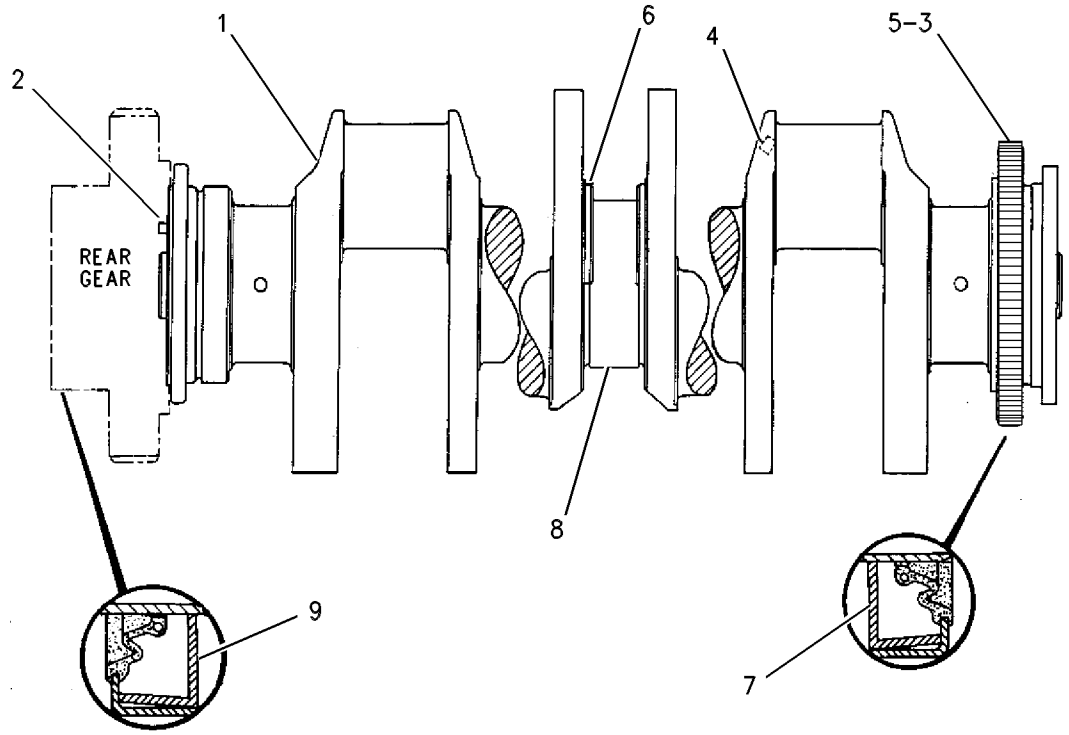
S/N 80M861-2866

PART OF 122-1117 ENGINE AR

SMCS-1202 **i01130891**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
CR	1	1	**2W-4088**	1	CRANKSHAFT AS	
	2	1	**4N-0684**	1	DOWEL	
	3	1	**114-0966**	1	GEAR-CRANKSHAFT (99 TEETH)	
	4	1	**8T-6757**	6	PLUG-PIPE (1/8-27 NPTF)	
	5	1	**7S-5005**	1	DOWEL	
	6	1	**7E-9262**	2	PLATE-THRUST	
	7	1	**2W-1733**	1	SEAL GP-CRANKSHAFT	
	8	1	**4W-5492**	7	BEARING-MAIN (STANDARD)	
AC		1	**4W-5698**	7	BEARING-MAIN (.025IN US)	
AC		1	**4W-5699**	7	BEARING-MAIN (.050IN US)	
AC		1	**4W-5700**	7	BEARING-MAIN (.025IN OS)	
AC		1	**4W-5701**	7	BEARING-MAIN (.025IN OS-US)	
	9	1	**2W-1734**	1	SEAL GP-CRANKSHAFT	

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



GRAPHIC #1 g00506244

BASIC ENGINE

4N-0922 CRANKSHAFT GP

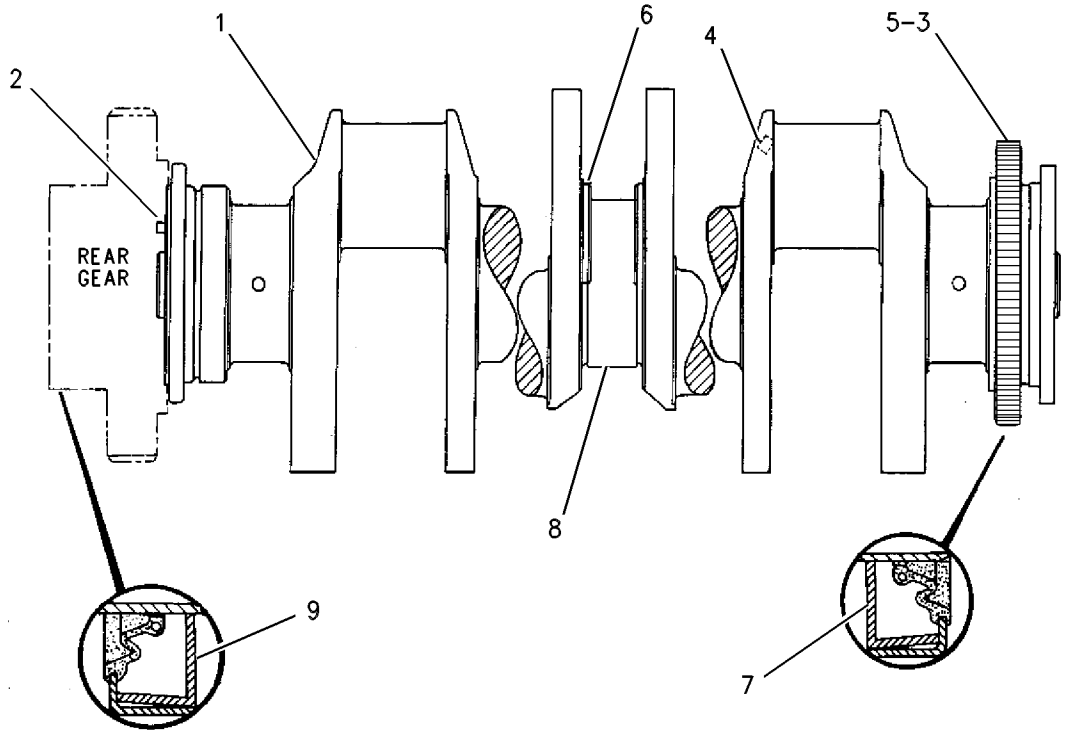
S/N 80M2867-UP

PART OF 122-1117 ENGINE AR

SMCS-1202 **i01131544**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	**151-2941**	1	CRANKSHAFT AS	
	2	1	**4N-0684**	1	DOWEL	
	3	1	**151-2940**	1	GEAR-CRANKSHAFT (99 TEETH)	
	4	1	**8T-6757**	6	PLUG-PIPE (1/8-27 NPTF)	
	5	1	**7S-5005**	1	DOWEL	
	6	1	**7E-9262**	2	PLATE-THRUST	
	7	1	**2W-1733**	1	SEAL GP-CRANKSHAFT	
	8	1	**4W-5492**	7	BEARING-MAIN (STANDARD)	
AC		1	**4W-5698**	7	BEARING-MAIN (.025IN US)	
AC		1	**4W-5699**	7	BEARING-MAIN (.050IN US)	
AC		1	**4W-5700**	7	BEARING-MAIN (.025IN OS)	
AC		1	**4W-5701**	7	BEARING-MAIN (.025IN OS-US)	
	9	1	**2W-1734**	1	SEAL GP-CRANKSHAFT	

A-NOT PART OF THIS GROUP
C-CHANGE FROM PREVIOUS TYPE



GRAPHIC #1 g00506244

MEMORANDA

BASIC ENGINE

117-9512 CYLINDER BLOCK AS

S/N 80M861-UP

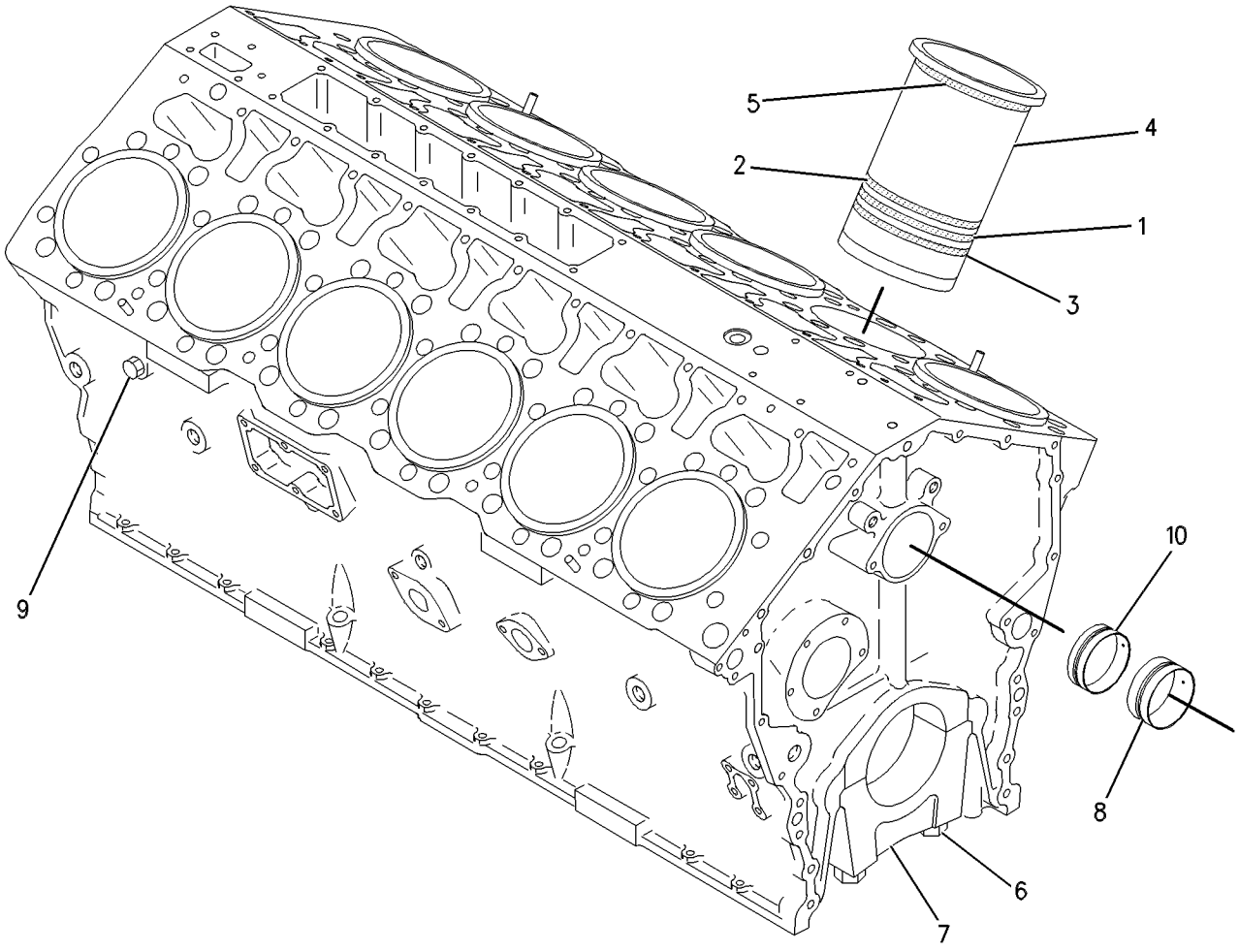
PART OF 109-9010 CYLINDER BLOCK GP

SMCS-1201 **i01099197**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**110-2220**	12	SEAL-LINER (141MM ID)	
	2	1	**142-7072**	12	SEAL-LINER (140.20MM ID)	
	3	1	**142-6217**	12	SEAL-LINER (140.20MM ID)	
	4	1	**2W-6000**	12	LINER-CYLINDER	
	5	1	**9L-5854**	12	BAND-FILLER (5.125MM ID)	
	6	1	**3P-1323**	14	BOLT	
		1	**9H-1031**	14	WASHER-HARD (6.0MM THK)	
	7	1	**4N-0614**	7	CAP-CRANKSHAFT BEARING	
	8	1	**4N-6658**	2	BEARING-SLEEVE (1.30IN. WIDTH)	
	9	1	**7W-6492**	2	PLUG-PIPE (1/2-14 NPTF THD)	
	10	1	**4N-0685**	5	BEARING-SLEEVE (1.00IN. WIDTH)	
AFJT		1	**4W-4588**		SLEEVE-LIFTER BORE	
AFLT		1	**4W-6061**		SLEEVE-BOTTOM LINER	
AFJT		1	**2W-3815**		INSERT-SEAT (1.59MM THK)	
AFJT		1	**5N-0093**		INSERT-SEAT (2.7MM THK)	
AFJT		1	**9Y-3368**		INSERT-LINER SEAT (.834MM THK)	

A-NOT PART OF THIS GROUP
F-NOT SHOWN
J-FOR SALVAGE OF DAMAGED LIFTER BORES IN CYLINCER BLOCK
L-FOR SALVAGE OF THE BOTTOM LINER O-RING BORE
T-QTY TO BE DETERMINED BY USER

117-9512 **CYLINDER BLOCK AS** ***(contd.)*** **i01099197**



GRAPHIC #1 g00509613

BASIC ENGINE

109-9010 CYLINDER BLOCK GP*R

S/N 80M861-UP

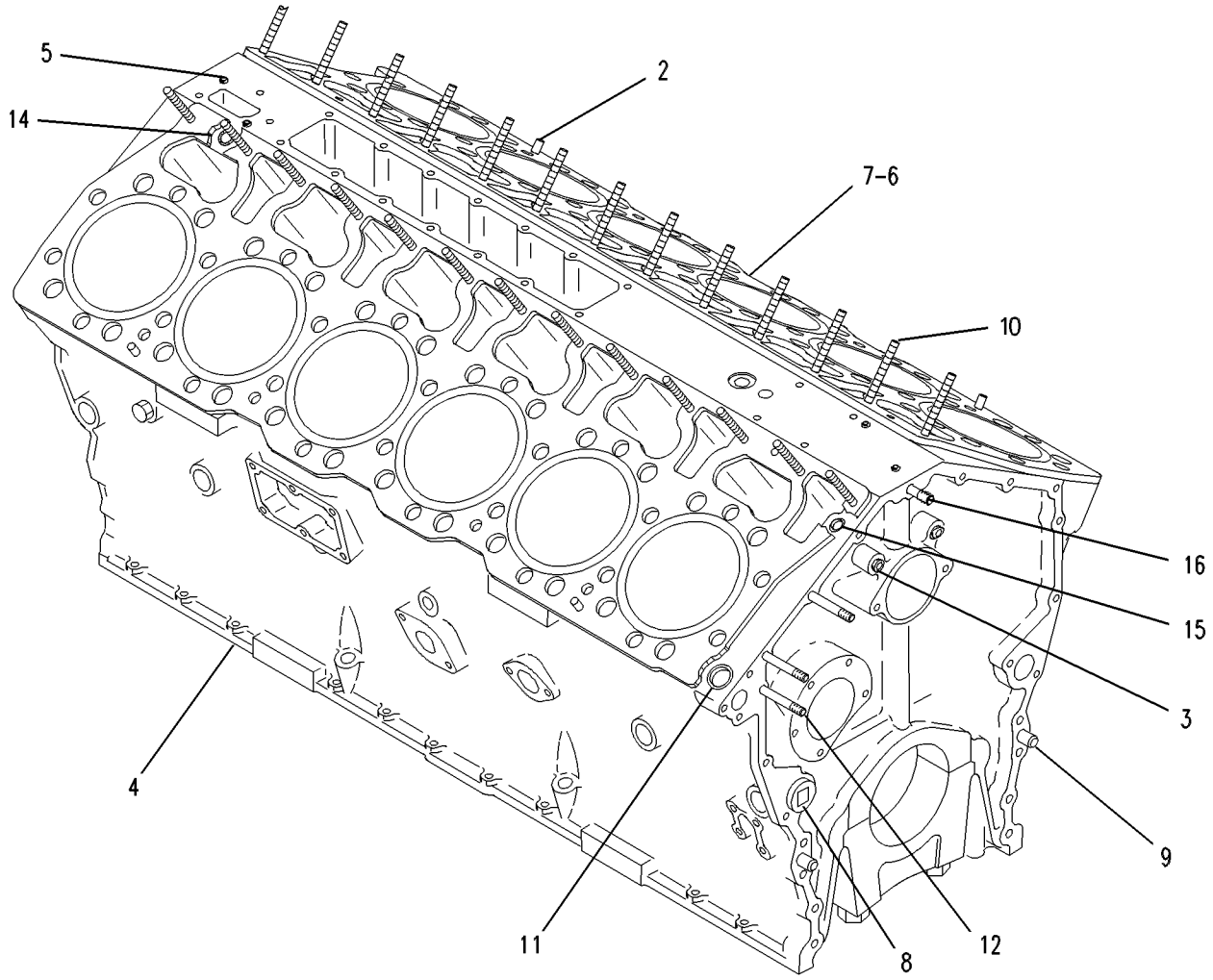
PART OF 122-1117 ENGINE AR

SMCS-1201 **i01113363**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	2	1	**4N-1650**	4	DOWEL	
	3	1	**8T-6763**	4	PLUG-PIPE (1/4-18 NPTF THD)	
Y	4	1	*117-9512*	1	CYLINDER BLOCK AS	16
	5	1	**8T-6757**	5	PLUG-PIPE (1/8-27 NPTF)	
	6	1	**6N-9135**	2	GASKET-PLATE	
	7	1	**6I-4611**	2	PLATE-SPACER	
	8	1	**7C-9614**	3	PLUG-TAPERLOCK (1.63IN X 12 THD)	
	9	1	**4N-0683**	4	DOWEL	
	10	1	**101-8917**	26	STUD-TAPERLOCK	
	11	1	**3B-0645**	1	PLUG-CUP (32.08MM AVG OD)	
	12	1	**6L-4428**	3	STUD-TAPERLOCK	
	14	1	**5P-8356**	4	SEAL-O-RING (21.89MM ID)	
	15	1	**3S-6605**	2	PLUG-CUP	
	16	1	**7C-7407**	1	STUD	
AFLN		1	**101-0523**		INSERT-LINER SEAT (5.21MM THK)	

A-NOT PART OF THIS GROUP
F-NOT SHOWN
L-QUANTITY TO BE DETERMINED BY USER
N-FOR SALVAGE OF THE DAMAGED LIFTER BORES IN CYLINDER BLOCK
Y-SEPARATE ILLUSTRATION

109-9010 **CYLINDER BLOCK GP** ***(contd.)*** **i01113363**



GRAPHIC #1 g00588493

143-3615 CYLINDER HEAD AS

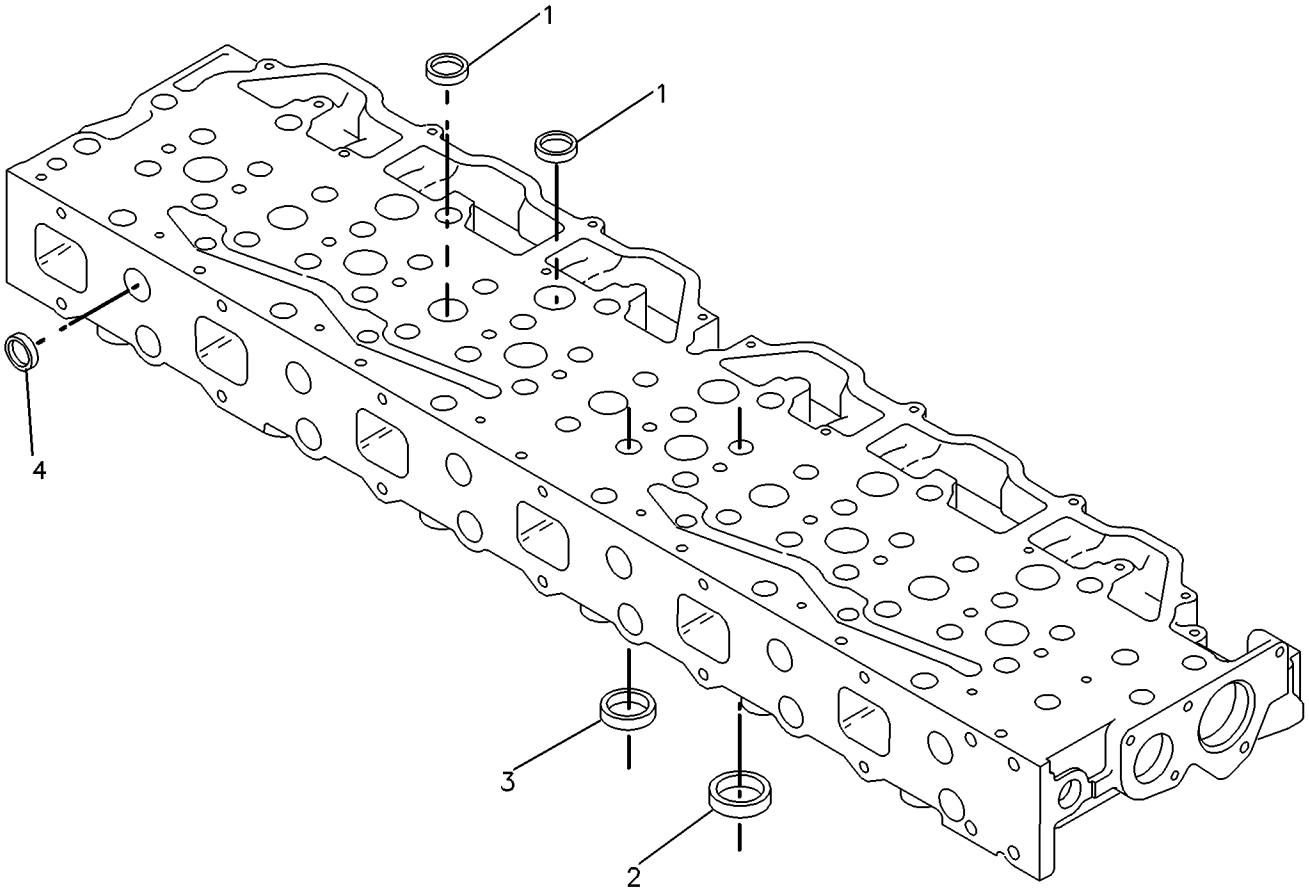
S/N 80M861-UP

PART OF 108-1887 CYLINDER HEAD GP

FIELD REPLACEMENT ORDER 143-3616—PAGE 21

SMCS-1100, 1101 **i00553787**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3B-0645**	10	PLUG-CUP (32.08MM AVG OD)	
	2	1	**4N-5893**	12	INSERT-INLET VALVE (INTAKE)	
	3	1	**1W-5283**	12	INSERT-VALVE SEAT (EXHAUST)	
	4	1	**3B-0623**	12	PLUG-CUP (25.73MM AVG OD)	



GRAPHIC #1 g00082752

143-3616 CYLINDER HEAD AS

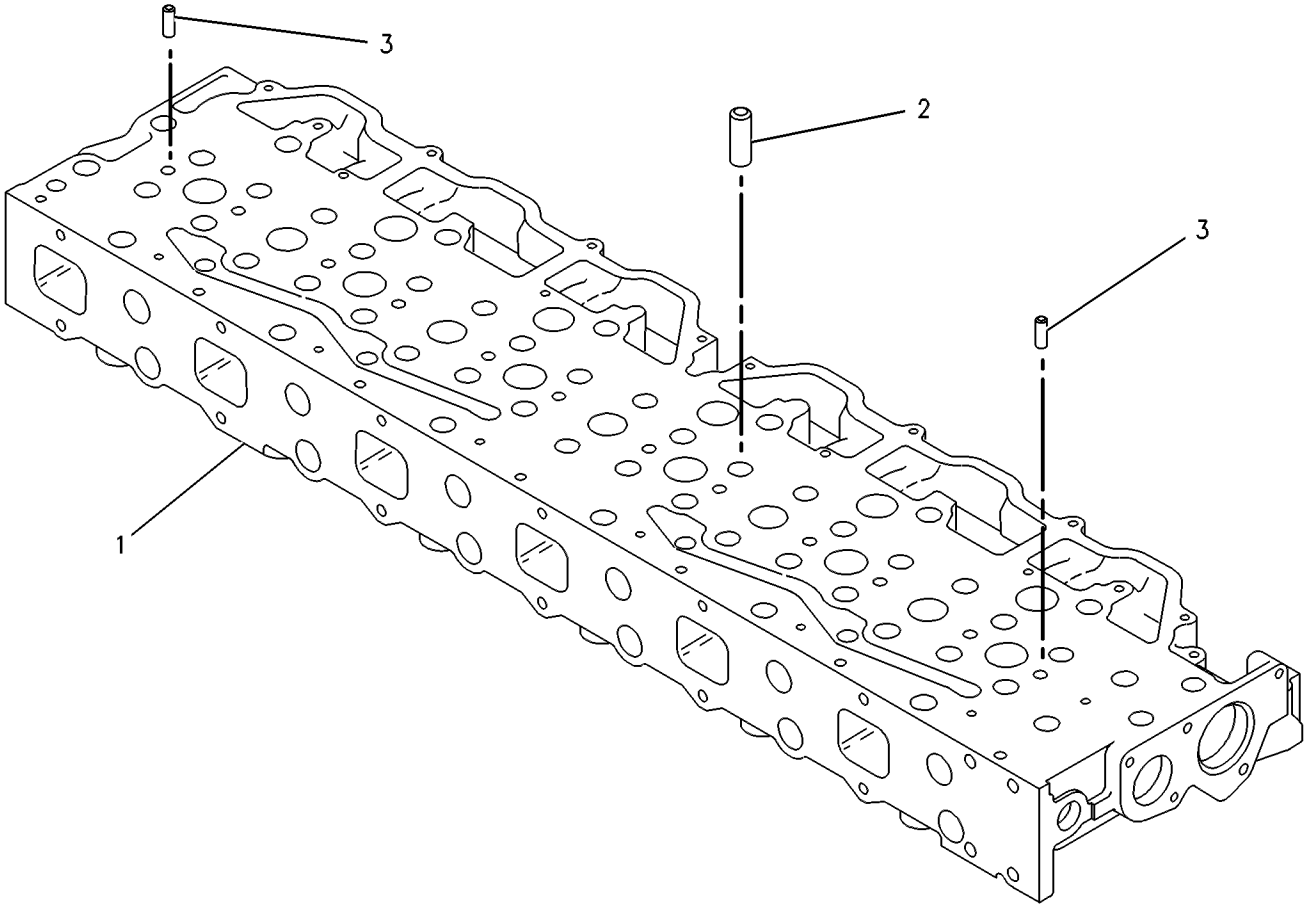
S/N 80M861-UP

FIELD REPLACEMENT FOR 143-3615—PAGE 20

SMCS-1100, 1101 **i00660596**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	*143-3615*	1	CYLINDER HEAD AS	20
	2	1	**4N-2803**	24	GUIDE-VALVE	
	3	1	**102-7494**	2	DOWEL	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00278827

BASIC ENGINE

108-1552 CYLINDER HEAD GP

S/N 80M861-UP

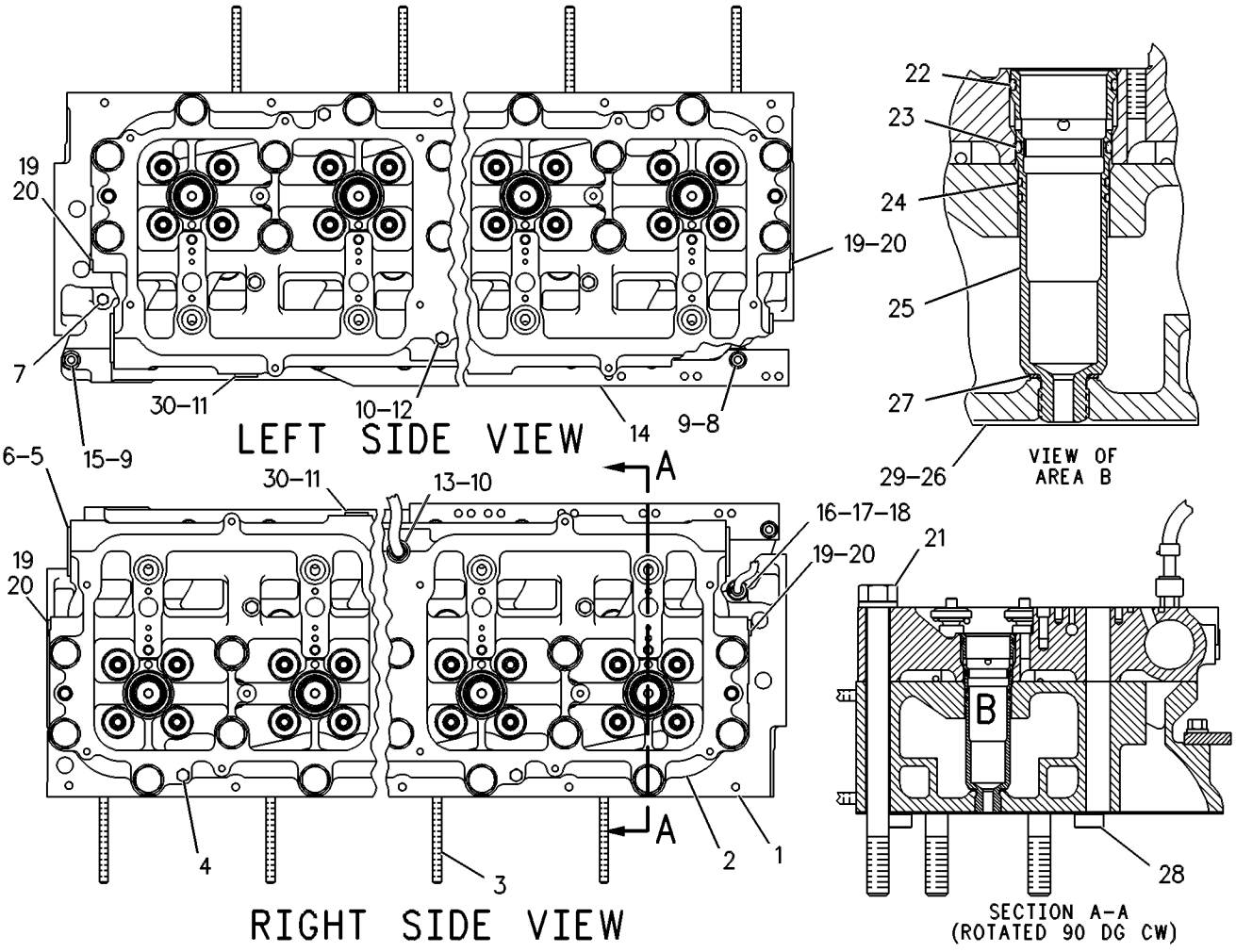
PART OF 122-1117 ENGINE AR

SMCS-1100 **i01252804**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
YR	1	1	*108-1887*	2	CYLINDER HEAD GP	24
	2	1	**141-6607**	2	MANIFOLD (HEUI FLUID)	
	3	1	**106-1792**	24	STUD-TAPERLOCK (3/8-16X3.93IN)	
	4	1	**1D-4541**	12	BOLT (5/16-18X3IN)	
	5	1	**5P-7684**	4	PLUG (1 7/8-12 THD)	
	6	1	**108-5806**	4	SEAL-O-RING (43.69MM ID)	
	7	1	**8T-6764**	1	PLUG-PIPE (1/8-27 NPTF THD)	
	8	1	**5M-2894**	6	WASHER (2.5MM THK)	
	9	1	**9S-8752**	26	NUT (3/8-16 THD)	
	10	1	**108-5803**	2	SEAL-O-RING (7.65MM ID)	
	11	1	**9S-8006**	2	PLUG-O-RING (7/8-14 THD)	
	12	1	**1N-5999**	1	PLUG (3/8-24 THD)	
CY	13	1	**140-3540**	1	SENSOR GP-PRESSURE (INJECTION ACTUATION OIL)	186
	14	1	**110-1627**	2	PLATE	
	15	1	**7W-3447**	20	SPACER (10.2MM THK)	
JY	16	1	**161-9929**	1	SENSOR GP-PRESSURE (BOOST AIR)	189
	17	1	**9X-0263**	1	ADAPTER	
	18	1	**6V-5048**	1	SEAL-O-RING (8.92MM ID)	
	19	1	**9S-8004**	4	PLUG-O-RING (9/16-18 THD)	
	20	1	**6V-5049**	4	SEAL-O-RING (11.89MM ID)	
	21	1	**107-7322**	40	FASTENER GP-CYLINDER HEAD	
					(EACH INCLUDES)	
		1	**2K-2813**	1	BOLT (3/4-16X10IN)	
		1	**5H-1504**	1	WASHER-HARD (5MM THK)	
	22	1	**061-8561**	12	SEAL-O-RING (40.87MM ID)	
	23	1	**6V-5266**	12	SEAL-O-RING (36.09MM ID)	
	24	1	**107-9570**	24	SEAL-O-RING (36.17MM ID)	
	25	1	**108-0219**	12	SLEEVE	
	26	1	**7E-7312**	2	GASKET-CYLINDER HEAD	
	27	1	**2N-7174**	12	GASKET-ADAPTER	
	28	1	**3E-6772**	48	SEAL-WATER	
B	29	1	**1U-8846**		SEALANT	
	30	1	**033-6027**	2	SEAL-O-RING (19.18MM ID)	
					AVAILABLE REPAIR KIT(S):	
J			**102-8808**	1	KIT-CONNECTING PLUG (3 PIN)	
					(INCLUDES PLUG AS & WEDGE)	

B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
J-REPAIR KIT(S) MARKED J AVAILABLE FOR PART MARKED J
R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

108-1552 **CYLINDER HEAD GP** ***(contd.)*** **i01252804**



GRAPHIC #1

g00086512

108-1887 CYLINDER HEAD GP*R

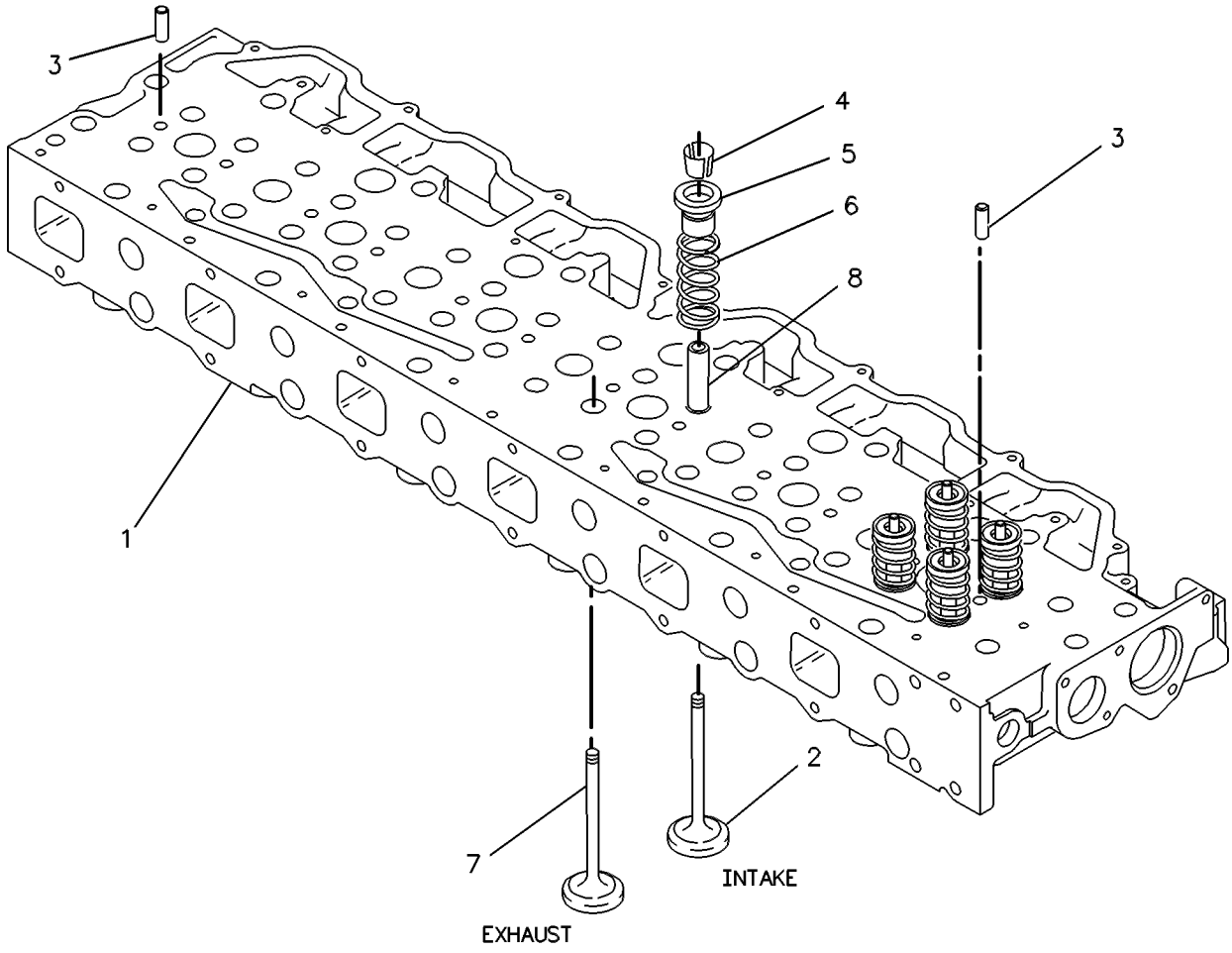
S/N 80M861-UP

PART OF 108-1552 CYLINDER HEAD GP

SMCS-1100 **i00591452**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
YC	1	1	*143-3615*	1	CYLINDER HEAD AS	20
	2	1	**122-0322**	12	VALVE-INLET	
	3	1	**102-7494**	2	DOWEL	
	4	1	**2A-4429**	48	LOCK-RETAINER	
	5	1	**137-6500**	24	ROTOCOIL AS	
					(EACH INCLUDES)	
		1	**137-6501**	1	SHIELD-OIL	
	6	1	**4N-5906**	24	SPRING-VALVE	
	7	1	**122-0321**	12	VALVE-EXHAUST	
	8	1	**4N-2803**	24	GUIDE-VALVE	

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00278854

6N-2229 DAMPER GP

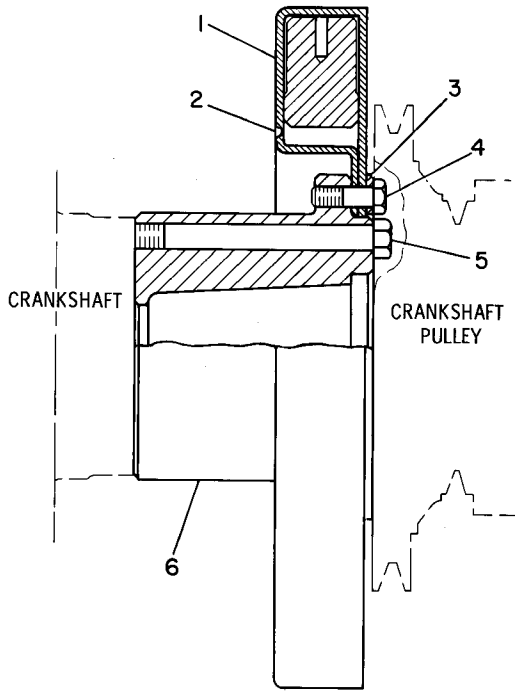
S/N 80M861-UP

PART OF 122-1117 ENGINE AR

SMCS-1205 **i01058531**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	**7C-6699**	1	DAMPER AS	
	2	1	**5M-9709**	2	PLUG-EXPANSION	
	3	1	**6N-7654**	1	SPACER	
	4	1	**0S-1585**	12	BOLT (1/2-13X1.50IN)	
	5	1	**2D-6374**	8	BOLT (5/8-18X6.75IN)	
	6	1	**6N-6037**	1	ADAPTER-DAMPER	

C-CHANGE FROM PREVIOUS TYPE



GRAPHIC #1 g00081662

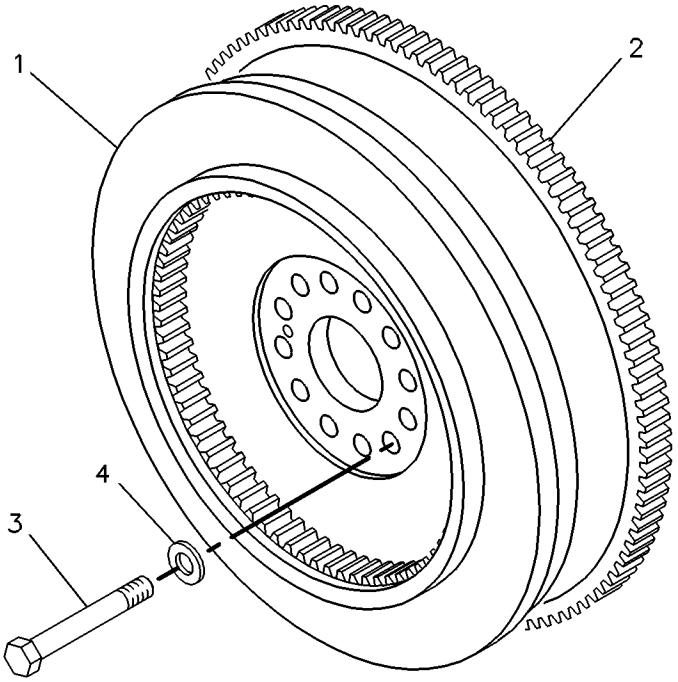
4P-3669 FLYWHEEL GP

S/N 80M861-UP

PART OF 122-1117 ENGINE AR

SMCS-1156 **i00173988**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4P-3670**	1	FLYWHEEL AS	
	2	1	**4N-2514**	1	GEAR (113 TEETH)	
	3	1	**1A-3203**	12	BOLT (5/8-18X4.75IN)	
	4	1	**4D-3704**	12	WASHER-HARD (5MM THK)	



GRAPHIC #1 g00119349

BASIC ENGINE

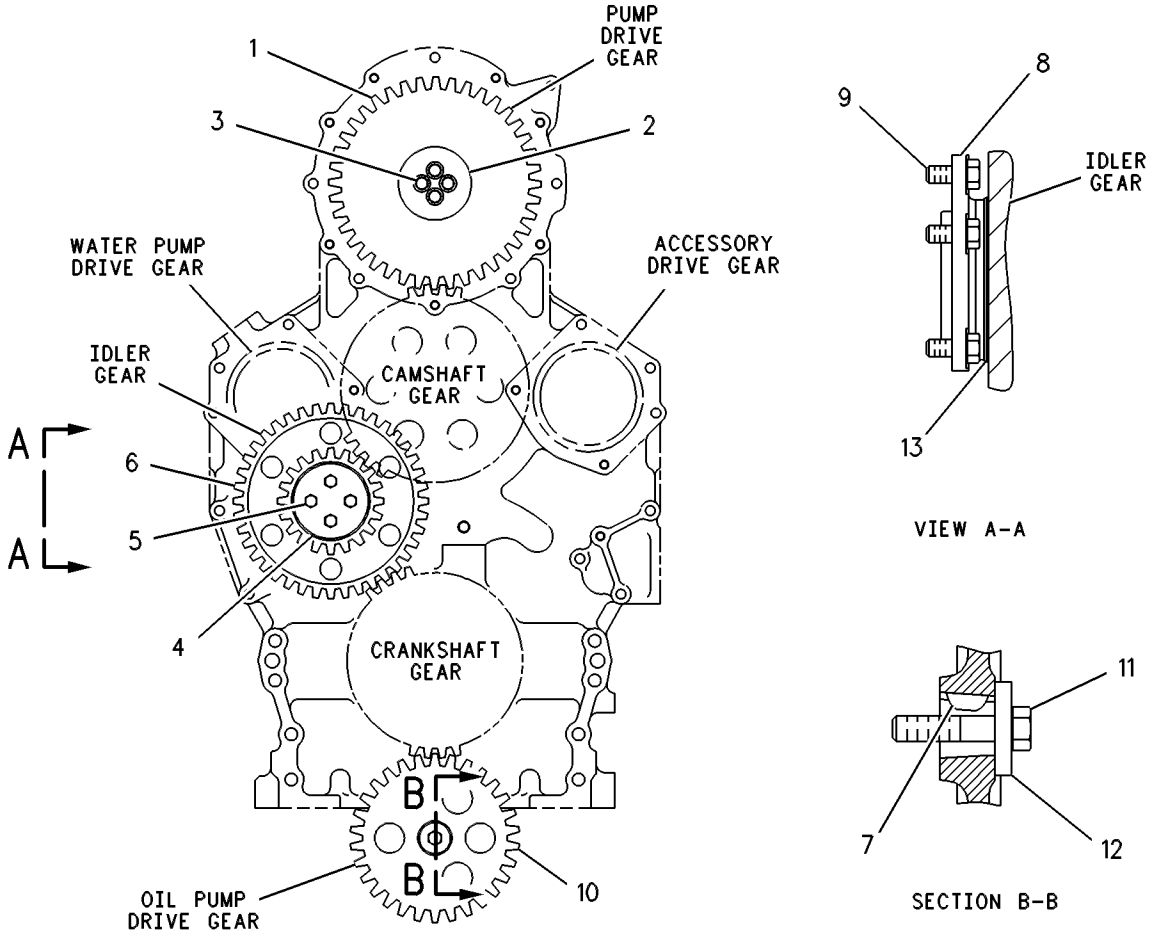
126-7282 GEAR GP-FRONT

S/N 80M861-UP

PART OF 122-1117 ENGINE AR

SMCS-1206 **i01091365**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**124-7609**	1	GEAR-PUMP IDLER (86 TEETH)	
	2	1	**101-6713**	1	PLATE-RETAINING	
	3	1	**5P-5855**	4	BOLT-12 POINT HEAD	
	4	1	**112-9217**	1	PLATE-THRUST	
	5	1	**2B-2695**	4	BOLT (5/16-18X.875IN)	
	6	1	**151-2946**	1	GEAR AS-IDLER (99 TEETH)	
		1	**131-7123**	1	BEARING-SLEEVE	
	7	1	**1B-8705**	1	KEY-WOODRUFF	
	8	1	**117-9712**	1	SHAFT-DRIVE IDLER	
	9	1	**3G-2292**	5	BOLT-LOCKING	
	10	1	**109-3416**	1	GEAR-OIL PUMP (85 TEETH)	
	11	1	**0S-1571**	1	BOLT (3/8-16X1.75IN)	
	12	1	**1P-7346**	1	WASHER (6.0MM THK)	
	13	1	**7N-2443**	1	WASHER-THRUST	



GRAPHIC #1 g00086588

BASIC ENGINE

4P-3582 GEAR GP-REAR

S/N 80M861-UP

PART OF 122-1117 ENGINE AR

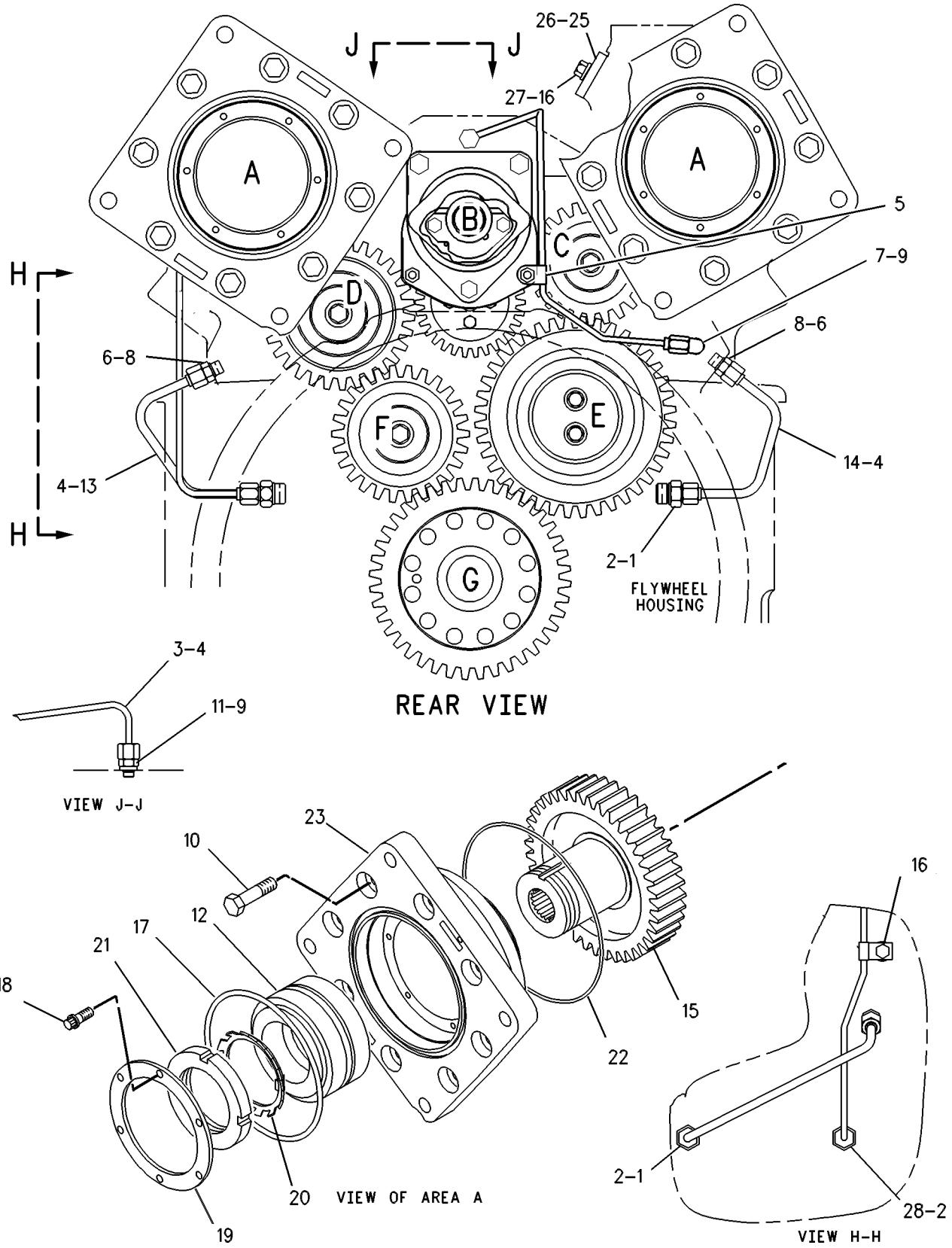
SMCS-1204 **i01099643**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6V-8715**	2	CONNECTOR	
	2	1	**6V-4589**	3	SEAL-O-RING (19.18MM ID)	
	3	1	**141-7582**	1	TUBE AS	
	4	1	**8L-2779**	6	SEAL-O-RING (9.25MM ID)	
	5	1	**4H-8878**	1	CLIP	
	6	1	**6V-5049**	2	SEAL-O-RING (11.89MM ID)	
	7	1	**6V-9200**	1	ELBOW-FACE SEAL	
	8	1	**6V-8636**	2	CONNECTOR	
	9	1	**6V-5048**	2	SEAL-O-RING (8.92MM ID)	
	10	1	**1A-1460**	16	BOLT (1/2-13X2IN)	
	11	1	**6V-9872**	1	CONNECTOR	
	12	1	**6V-7725**	2	BEARING AS-ROLLER	
	13	1	**4P-5477**	1	TUBE AS-LH	
	14	1	**133-1223**	1	TUBE AS	
	15	1	**4P-1964**	2	GEAR-POWER TAKE-OFF (47 TEETH)	
	16	1	**5M-2894**	3	WASHER (2.5MM THK)	
	17	1	**107-6280**	2	SEAL-O-RING (177.17MM ID)	
	18	1	**1T-0416**	12	BOLT (5/16-18X.75IN)	
	19	1	**4P-4943**	2	RING-RETAINING	
	20	1	**5F-7403**	2	LOCK-NUT	
	21	1	**5F-7404**	2	LOCKNUT-BEARING	
	22	1	**122-3771**	2	SEAL-O-RING (209.14MM ID)	
	23	1	**4P-2707**	2	ADAPTER AS-POWER TAKE-OFF	
					(EACH INCLUDES)	
		1	**1T-0550**	1	PIN-SPRING	
	25	1	**4N-6673**	1	COVER	
	26	1	**4N-6672**	1	GASKET	
	27	1	**1A-2029**	2	BOLT (3/8-16X1.125IN)	
	28	1	**9S-4190**	1	PLUG-O-RING (7/16-20 THD)	
	29	2	**4P-1966**	1	GEAR-CRANKSHAFT (50 TEETH)	
	30	2	**4P-1962**	1	GEAR-IDLER-RH (30 TEETH)	
	31	2	**0S-1594**	2	BOLT (3/8-16X1.0IN)	
	32	2	**4P-1961**	1	GEAR-IDLER-LH (33 TEETH)	
	33	2	**9X-6458**	2	WASHER-HARD (3MM THK)	
	34	2	**5P-8244**	3	WASHER (2.5MM THK)	
	35	2	**1A-5964**	2	BOLT (3/8-16X4.5IN)	
	36	2	**8L-2777**	3	SEAL-O-RING (10.77MM ID)	
	37	2	**2W-8038**	1	GEAR-CAMSHAFT (44 TEETH)	
	38	2	**1B-9575**	4	BOLT (5/16-18X1.75IN)	
	39	2	**4P-6726**	1	GEAR-PUMP DRIVE (22 TEETH)	
	40	2	**4P-2230**	1	ADAPTER-PUMP DRIVE	
	41	2	**6V-8260**	1	SEAL-O-RING (123.42MM ID)	
	42	2	**117-8801**	1	SEAL-O-RING (126.67MM ID)	
	43	2	**7N-1564**	1	WASHER-THRUST	
	44	2	**4P-1963**	1	GEAR-IDLER-RH (50 TEETH)	
	45	2	**122-9860**	2	SHAFT-IDLER GEAR	
	46	2	**106-1543**	1	SHAFT-IDLER GEAR	
	47	2	**124-1859**	1	SEAL-O-RING (85.32MM ID)	
	48	2	**4P-6947**	1	ADAPTER-PUMP MOUNTING	
	49	2	**7H-3472**	1	BOLT (7/16-14X4.75IN)	
	50	2	**6V-7725**	1	BEARING AS-ROLLER	
	51	2	**4P-1960**	1	GEAR-IDLER-LH (37 TEETH)	
	52	2	**106-1542**	1	SHAFT-IDLER GEAR	
	53	2	**4N-0684**	1	DOWEL	
	54	2	**3P-7313**	1	RING-RETAINING	
	55	2	**4N-1186**	2	BEARING-SLEEVE	

4P-3582 **GEAR GP-REAR** ***(contd.)*** **i01099643**

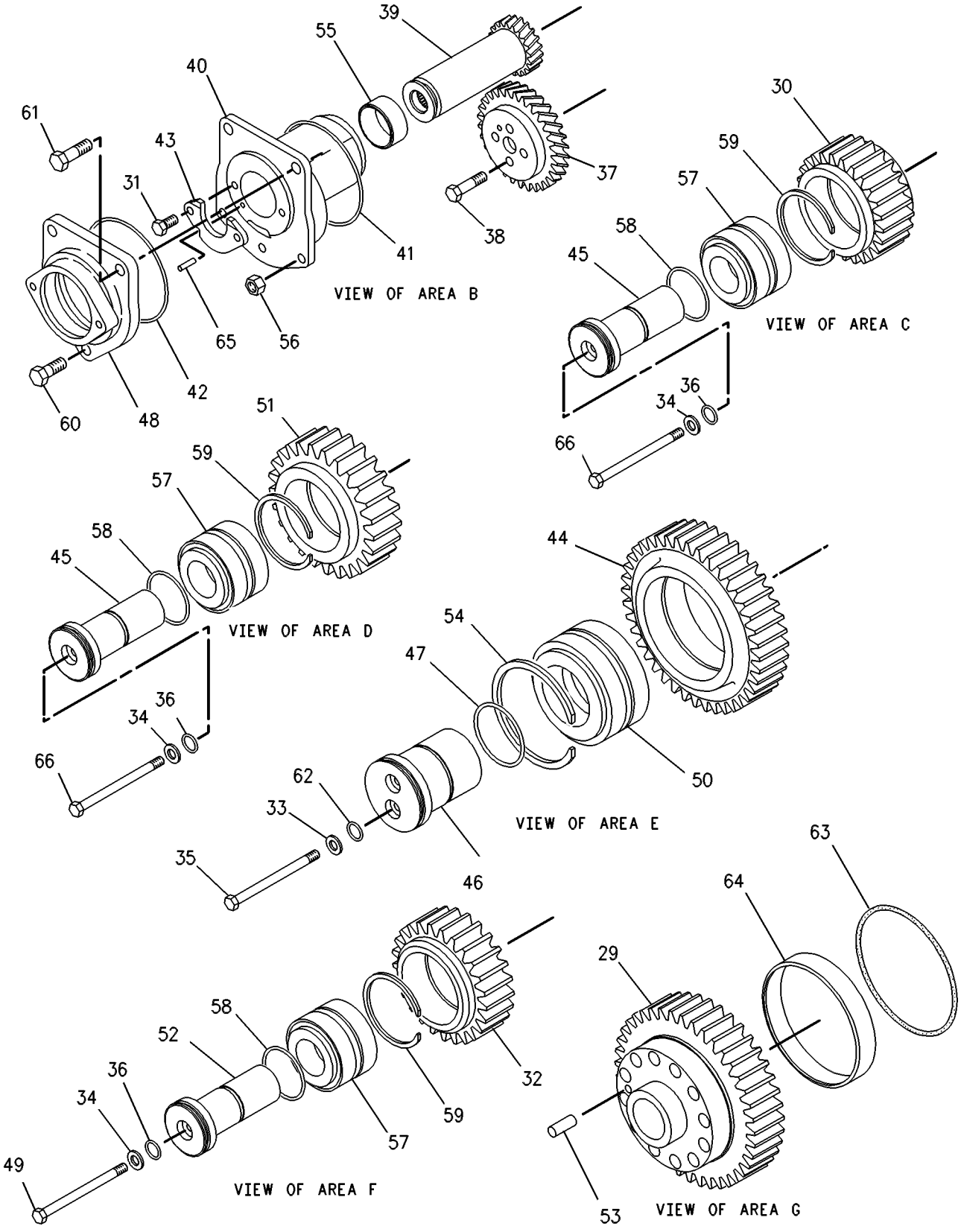
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	56	2	**9S-8752**	2	NUT (3/8-16 THD)	
	57	2	**8E-5292**	3	BEARING AS-ROLLER	
	58	2	**124-1858**	3	SEAL-O-RING (53.57MM ID)	
	59	2	**5H-0793**	3	LOCKRING	
	60	2	**7B-3235**	1	BOLT (1/2-13X1.375IN)	
	61	2	**0S-1587**	2	BOLT (1/2-13X1.75IN)	
	62	2	**6V-4365**	2	SEAL-O-RING (9.19MM ID)	
	63	2	**6V-3319**	1	SEAL-O-RING (158.34MM ID)	
	64	2	**4N-0848**	1	SLEEVE-WEAR	
	65	2	**9F-7882**	1	PIN-SPRING	
	66	2	**5B-5059**	2	BOLT (7/16-14X5IN)	

4P-3582 **GEAR GP-REAR** *(contd.)* **i01099643**



GRAPHIC #1 g00578399

4P-3582 **GEAR GP-REAR** *(contd.)* **i01099643**



GRAPHIC #2 g00549826

BASIC ENGINE

4P-3010 HOUSING GP-FLYWHEEL

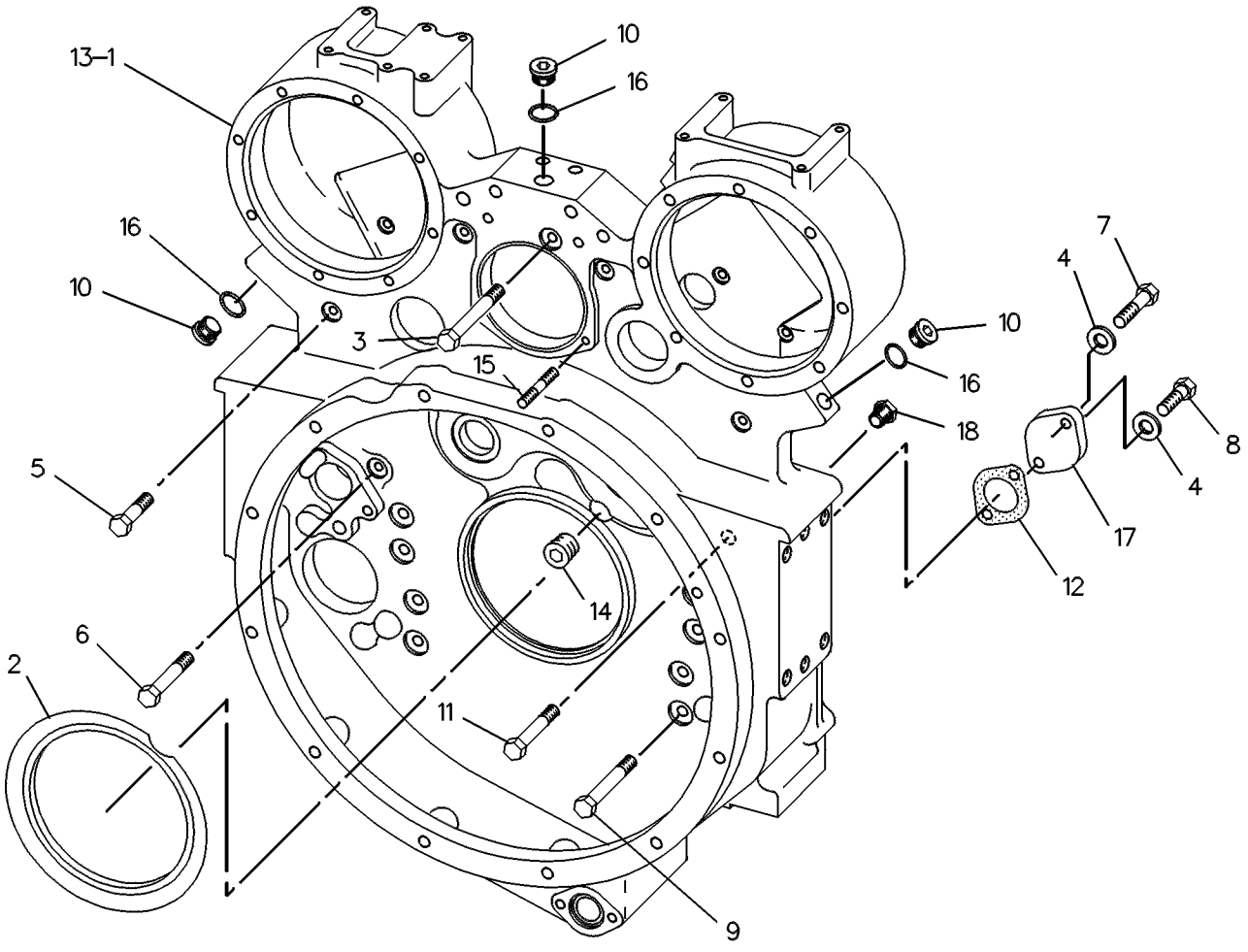
S/N 80M861-2705

PART OF 122-1117 ENGINE AR

SMCS-1157 **i00111660**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**124-0388**	1	HOUSING AS-FLYWHEEL	
	2	1	**1W-3136**	1	BAFFLE	
	3	1	**5F-4899**	5	BOLT (3/8-16X5.5IN)	
	4	1	**5M-2894**	4	WASHER (2.5MM THK)	
	5	1	**0S-1594**	4	BOLT (3/8-16X1IN)	
	6	1	**1A-5964**	2	BOLT (3/8-16X4.5IN)	
	7	1	**0S-1619**	2	BOLT (3/8-16X3IN)	
	8	1	**1A-2029**	2	BOLT (3/8-16X1.125IN)	
	9	1	**2H-6488**	8	BOLT (1/2-13X5IN)	
	10	1	**9S-8002**	9	PLUG-O-RING (7/16-20 THD)	
	11	1	**1A-5964**	2	BOLT (3/8-16X4.5IN)	
	12	1	**4N-0933**	2	GASKET	
B	13	1	**1U-8846**		GASKET-LIQUID	
	14	1	**7X-7731**	1	PLUG-PIPE (3/4-14 NPTF THD)	
	15	1	**2M-4779**	2	STUD-TAPERLOCK	
	16	1	**6V-5048**	9	SEAL-O-RING (8.92MM ID)	
	17	1	**2P-2772**	2	COVER	
	18	1	**8T-6765**	2	PLUG-PIPE (1/4-18 NPTF THD)	

B-USE AS REQUIRED



GRAPHIC #1 g00084296

BASIC ENGINE

141-8917 HOUSING GP-FLYWHEEL

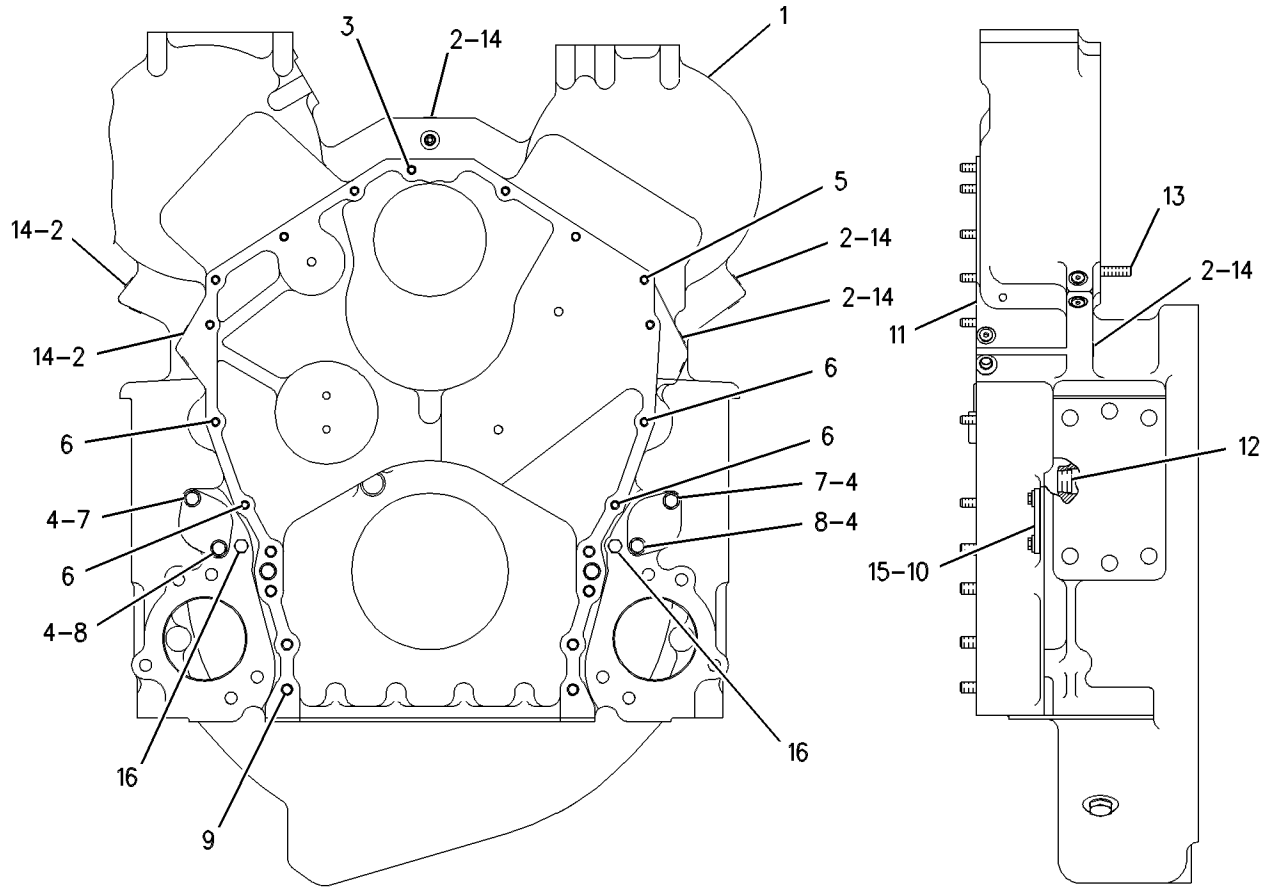
S/N 80M2706-UP

PART OF 122-1117 ENGINE AR

SMCS-1157 **i01054210**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**124-0388**	1	HOUSING AS-FLYWHEEL	
		1	**1W-3136**	1	BAFFLE	
	2	1	**9S-8002**	8	PLUG-O-RING (7/16-20 THD)	
	3	1	**5F-4899**	5	BOLT (3/8-16X5.5IN)	
	4	1	**5M-2894**	4	WASHER (2.5MM THK)	
	5	1	**0S-1594**	4	BOLT (3/8-16X1.0IN)	
	6	1	**1A-5964**	4	BOLT (3/8-16X4.5IN)	
	7	1	**0S-1619**	2	BOLT (3/8X3.0IN)	
	8	1	**1A-2029**	2	BOLT (3/8-16X1.125IN)	
	9	1	**2H-6488**	8	BOLT (1/2-13X5IN)	
	10	1	**4N-0933**	2	GASKET	
B	11	1	**1U-8846**		SEALANT	
	12	1	**7X-7731**	1	PLUG-PIPE (3/4-14 NPTF THD)	
	13	1	**2M-4779**	2	STUD-TAPERLOCK	
	14	1	**6V-5048**	8	SEAL-O-RING (8.92MM ID)	
	15	1	**2P-2772**	2	COVER	
	16	1	**8T-6765**	2	PLUG-PIPE (1/4-18 NPTF THD)	

B-USE AS REQUIRED



FRONT VIEW LEFT SIDE VIEW

GRAPHIC #1 g00550073

BASIC ENGINE

126-7280 HOUSING GP-FRONT

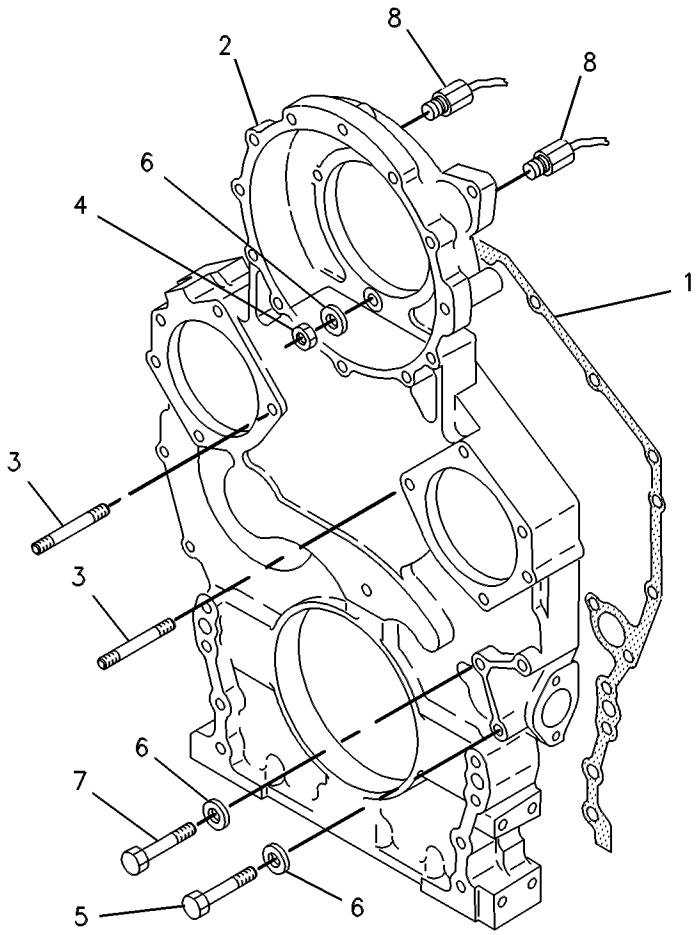
S/N 80M861-UP

PART OF 122-1117 ENGINE AR

SMCS-1151, 1162 **i01081148**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	**166-9145**	1	GASKET-CYLINDER BLOCK	
C	2	1	**172-9313**	1	HOUSING-TIMING GEAR	
	3	1	**3K-3256**	2	STUD (3/8IN NC X 1-11/16)	
C	4	1	**2K-4973**	1	LOCKNUT (3/8-16 THD)	
	5	1	**0L-1352**	2	BOLT (3/8-16X3.25IN)	
	6	1	**5M-2894**	6	WASHER (2.5MM THK)	
	7	1	**0T-0573**	3	BOLT (3/8-16X2.75IN)	
YC	8	1	**129-6628**	2	SENSOR GP-SPEED (SPEED/TIMING)	191

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00086586

MEMORANDA

122-1177 LIFTING GP-ENGINE

S/N 80M861-UP

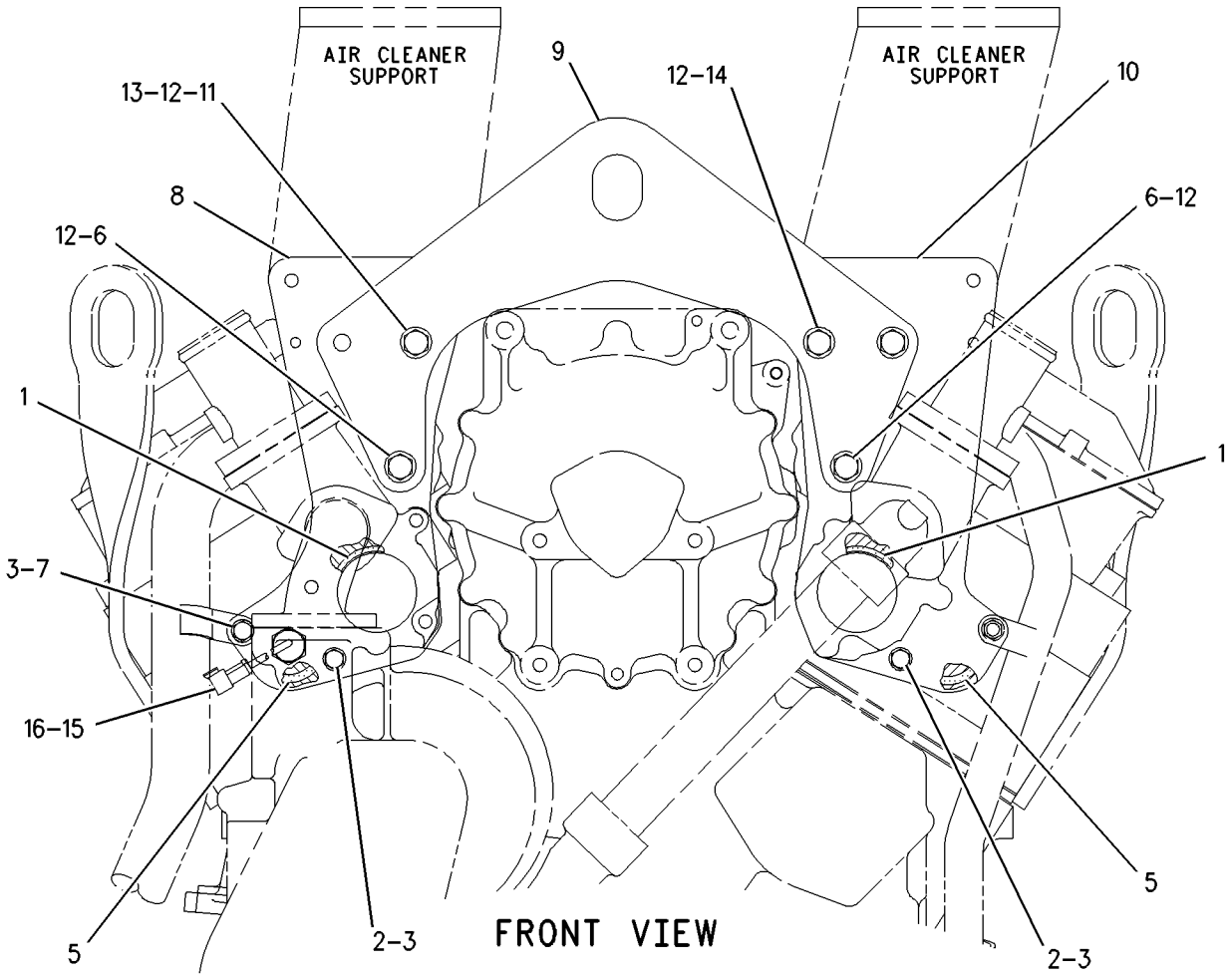
PART OF 122-1117 ENGINE AR

SMCS-1122 **i01237623**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**112-1574**	2	SEAL-O-RING (69.44MM ID)	
	2	1	**3B-1915**	2	BOLT (3/8-16X1.375IN)	
	3	1	**5M-2894**	3	WASHER (2.5MM THK)	
	5	1	**109-0076**	2	SEAL-O-RING (50.17MM ID)	
	6	1	**0S-1585**	2	BOLT (1/2-13X1.50IN)	
	7	1	**0S-1591**	1	BOLT (3/8-16X1.5 IN)	
	8	1	**102-2956**	1	PLATE (RH)	
	9	1	**6N-5402**	1	PLATE-LIFTING EYE	
	10	1	**108-7004**	1	PLATE (LH)	
	11	1	**9S-1366**	1	BOLT (1/2-13X2.5 IN)	
	12	1	**5P-8245**	6	WASHER-HARD (3MM THK)	
	13	1	**1F-7958**	1	NUT-FULL (1/2-13 THD)	
	14	1	**1A-1460**	2	BOLT (1/2-13X2IN)	
	15	1	**102-2240**	1	SENSOR GP-TEMPERATURE	
		1	**102-8803**	1	KIT-RECEPTACLE (3 PIN)	
					(INCLUDES RECEPTACLE AS & WEDGE)	
		1	**3E-3371**	1	WEDGE-RECEPTACLE LOCK	
		1	**8T-8729**	3	PIN-CONNECTOR	
BE		1	**9X-1813**		SLEEVE	
	16	1	**112-5282**	1	SEAL-O-RING (16.36MM ID)	

B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER

122-1177 **LIFTING GP-ENGINE** ***(contd.)*** **i01237623**



GRAPHIC #1 g00661072

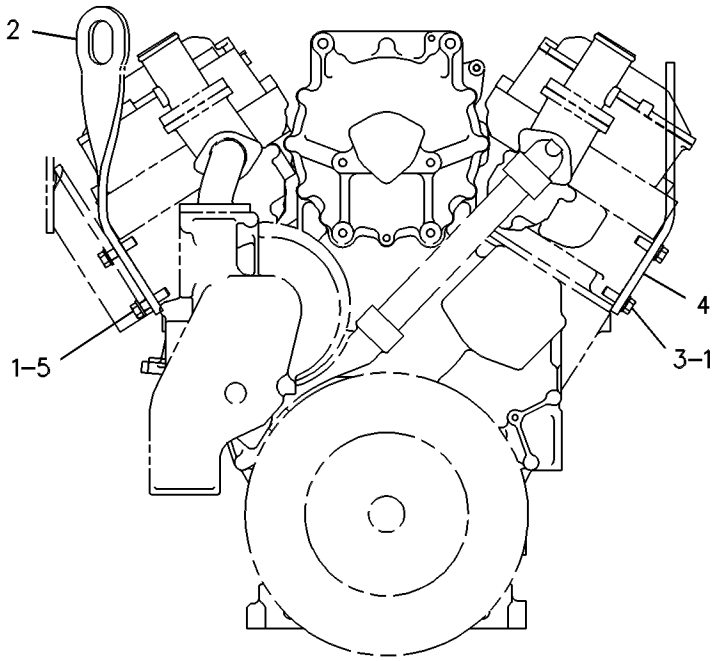
126-2267 LIFTING GP-ENGINE

S/N 80M861-UP

PART OF 122-1117 ENGINE AR

SMCS-1122 **i00155200**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**5P-8245**	8	WASHER (3MM THK)	
	2	1	**118-8475**	1	BRACKET-LIFTING	
	3	1	**7B-3235**	4	BOLT (1/2-13X1.375IN)	
	4	1	**118-9115**	1	BRACKET-LIFTING	
	5	1	**0S-1587**	4	BOLT (1/2-13X1.75IN)	



FRONT VIEW

GRAPHIC #1 g00111352

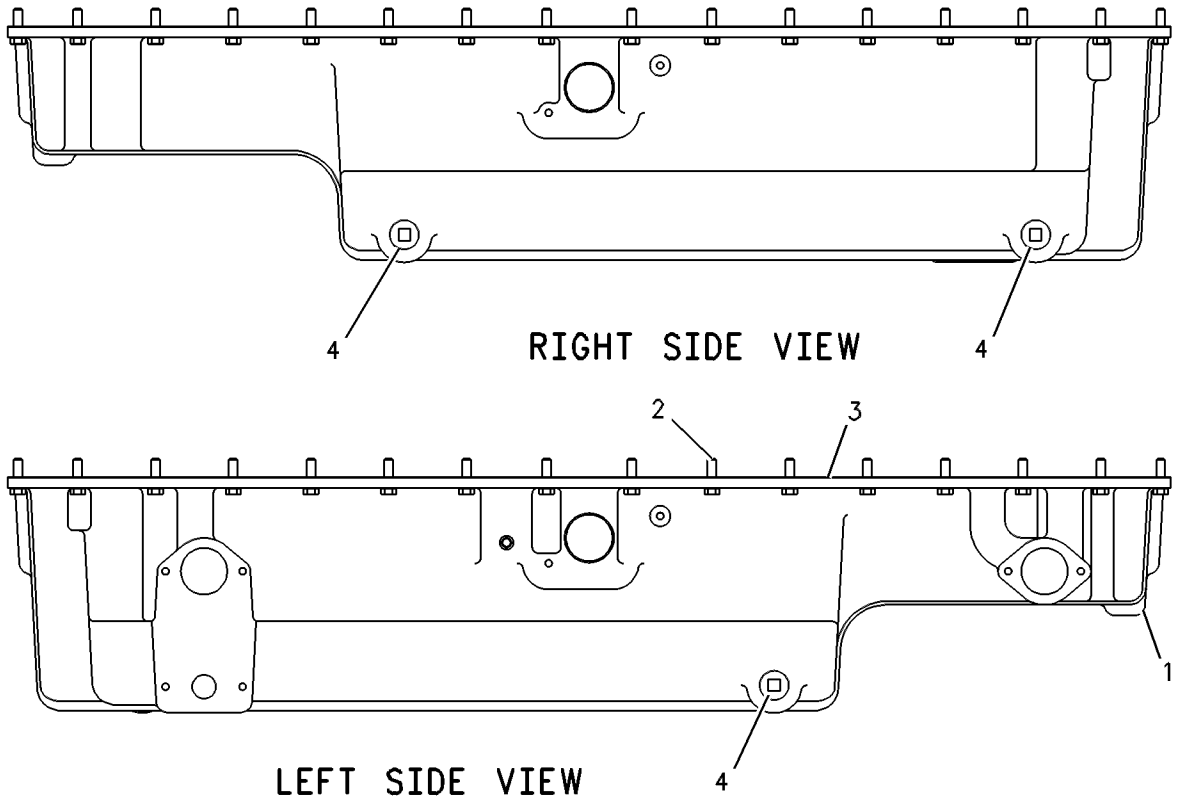
122-1789 PAN GP-OIL

S/N 80M861-UP

PART OF 122-1117 ENGINE AR

SMCS-1302 **i00115107**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7N-9221**	1	PAN-OIL	
	2	1	**2P-3203**	40	BOLT-WASHER HEAD (3/8 X 1.25)	
	3	1	**4N-1151**	1	GASKET	
	4	1	**8T-6761**	3	PLUG-PIPE (1-11-1/2 NPTF THD)	



GRAPHIC #1 g00086538

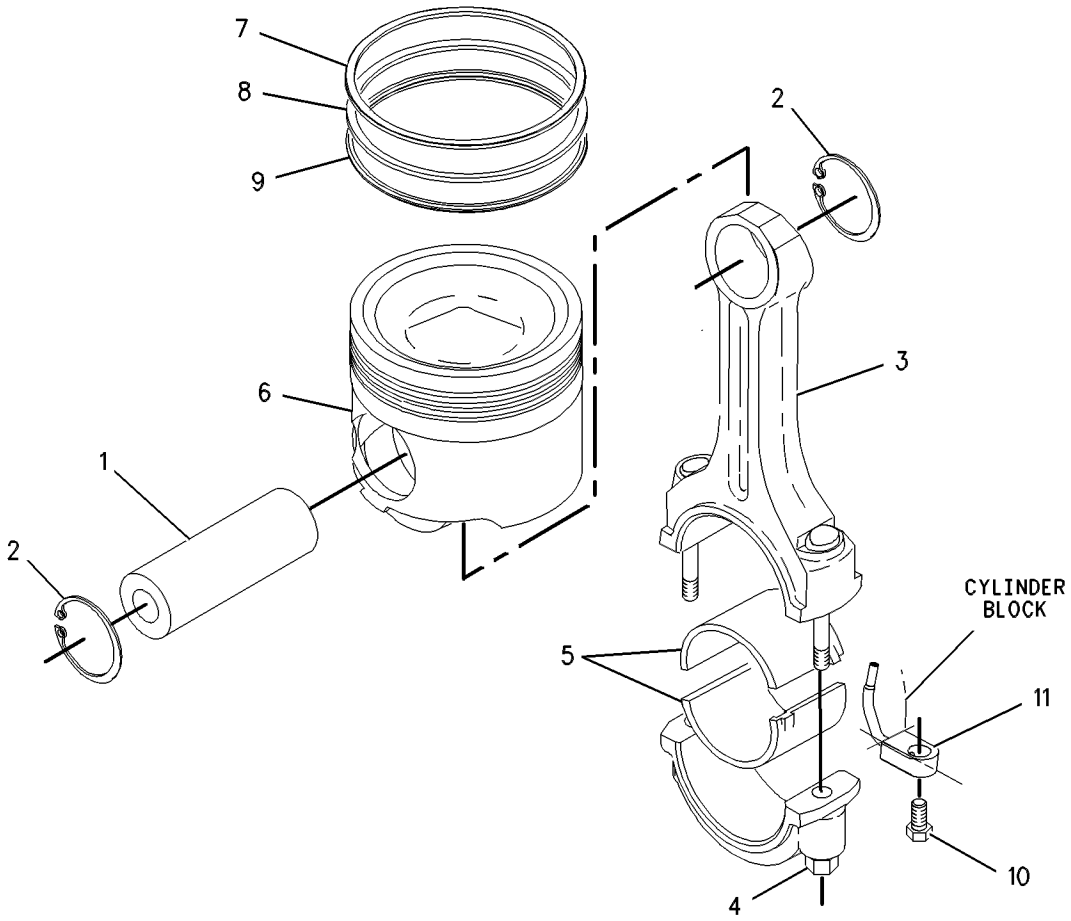
109-2823 PISTON & ROD GP

S/N 80M861-UP
15.5:1 RATIO
PART OF 122-1117 ENGINE AR

SMCS-1225 **i01131548**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8N-1608**	1	PIN-PISTON	
	2	1	**7E-5665**	2	RETAINER-PIN	
R	3	1	**8N-1728**	1	ROD AS-CONNECTING	
		1	**4P-8380**	1	BEARING-SLEEVE	
		1	**6N-8942**	2	BOLT-CONNECTING ROD	
	4	1	**8L-3441**	2	NUT	
	5	1	**9Y-9497**	1	BEARING-CONNECTING ROD	
A		1	**4W-5702**	1	BEARING-CONNECTING ROD (.635MM US)	
A		1	**4W-5703**	1	BEARING-CONNECTING ROD (1.27MM US)	
	6	1	**172-3280**	1	BODY AS-PISTON	
	7	1	**1W-9460**	1	RING-PISTON (TOP)	
	8	1	**2P-2817**	1	RING-PISTON (INTERMEDIATE)	
	9	1	**7N-7078**	1	RING-OIL (BOTTOM)	
	10	1	**150-1156**	1	BOLT-OIL JET	
	11	1	**168-4538**	1	TUBE AS-OIL JET	

A-NOT PART OF THIS GROUP
R-REMFG PART MAY BE AVAILABLE



GRAPHIC #1 g00588694

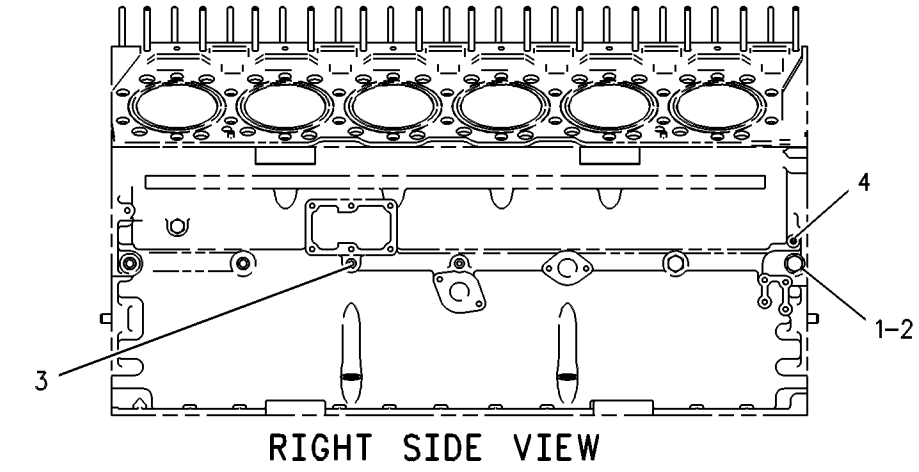
122-7969 PLUG GP-CYLINDER BLOCK

S/N 80M861-UP

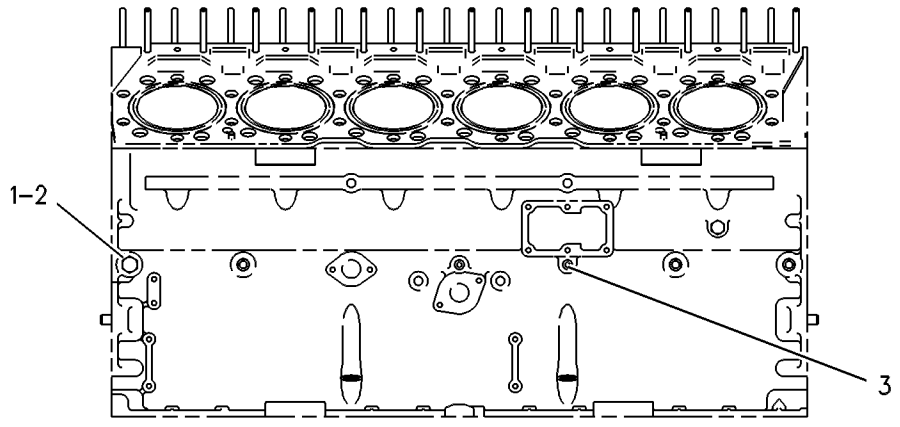
PART OF 122-1117 ENGINE AR

SMCS-1201 **i00191099**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9S-4190**	3	PLUG-O-RING (7/16-20 THD)	
	2	1	**6V-4589**	3	SEAL-O-RING (19.18MM ID)	
	3	1	**7W-6534**	4	PLUG-PIPE (3/8-18 NPTF THD)	
	4	1	**8T-6757**	1	PLUG-PIPE (1/8-27 NPTF THD)	



RIGHT SIDE VIEW



LEFT SIDE VIEW

GRAPHIC #1 g00121301

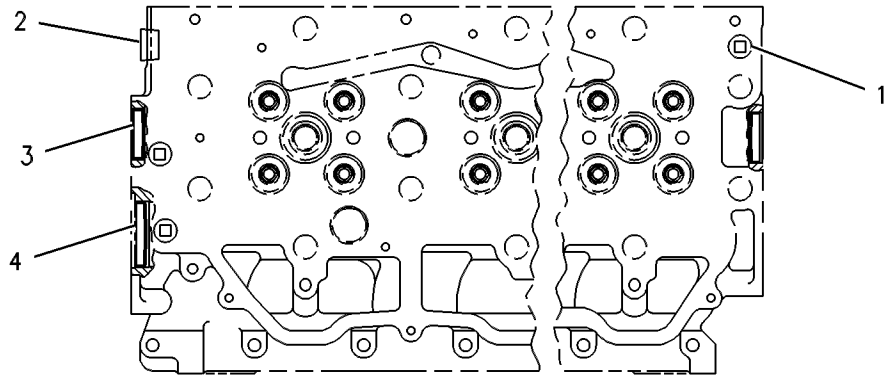
122-9522 PLUG GP-CYLINDER HEAD

S/N 80M861-UP

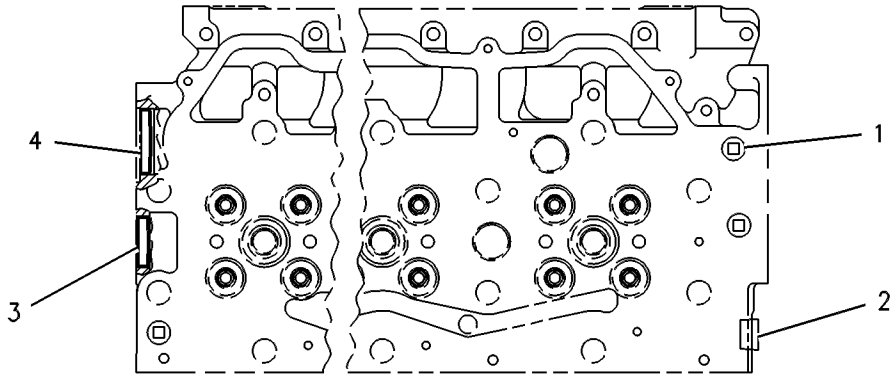
PART OF 122-1117 ENGINE AR

SMCS-1100 **i00111583**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8T-6762**	6	PLUG-PIPE	
	2	1	**7X-7731**	2	PLUG-PIPE (3/4-14 NPTF THD)	
	3	1	**5P-0063**	2	PLUG-CUP	
	4	1	**4N-0932**	2	PLUG-CUP	



LEFT SIDE VIEW



RIGHT SIDE VIEW

GRAPHIC #1 g00086560

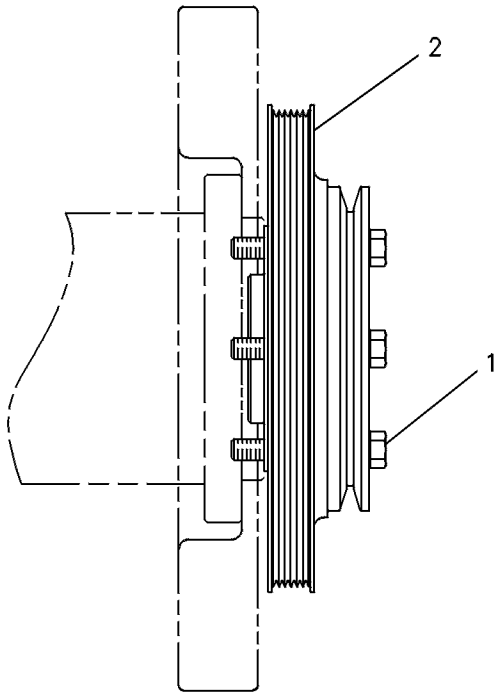
7E-0611 PULLEY GP-CRANKSHAFT

PIN 2KZ1-UP

PART OF 122-4986 INSTALLATION AR-ENGINE

SMCS-1205 **i00174302**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8T-8920**	4	BOLT (1/2-13X3.25IN)	
	2	1	**4P-6518**	1	PULLEY-CRANKSHAFT	



GRAPHIC #1 g00120150

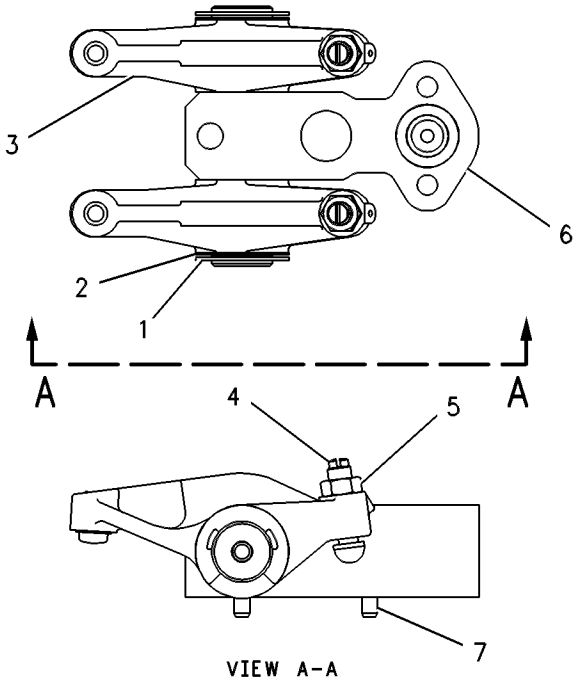
107-1954 ROCKER ARM GP

S/N 80M861-UP

PART OF 108-1874 VALVE MECHANISM GP

SMCS-1102, 1123 **i00107428**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**134-2263**	2	RING-RETAINING	
	2	1	**2N-7228**	2	WASHER	
	3	1	**4N-5614**	2	ROCKER ARM AS	
	4	1	**108-5603**	2	SCREW-ROCKER ADJUSTMENT	
	5	1	**9L-7712**	2	NUT (3/8-24 THD)	
	6	1	**107-1953**	1	BRACKET AS	
	7	1	**6V-3536**	2	DOWEL	



GRAPHIC #1 g00086434

BASIC ENGINE

7E-0644 SUPPORT GP-ENGINE

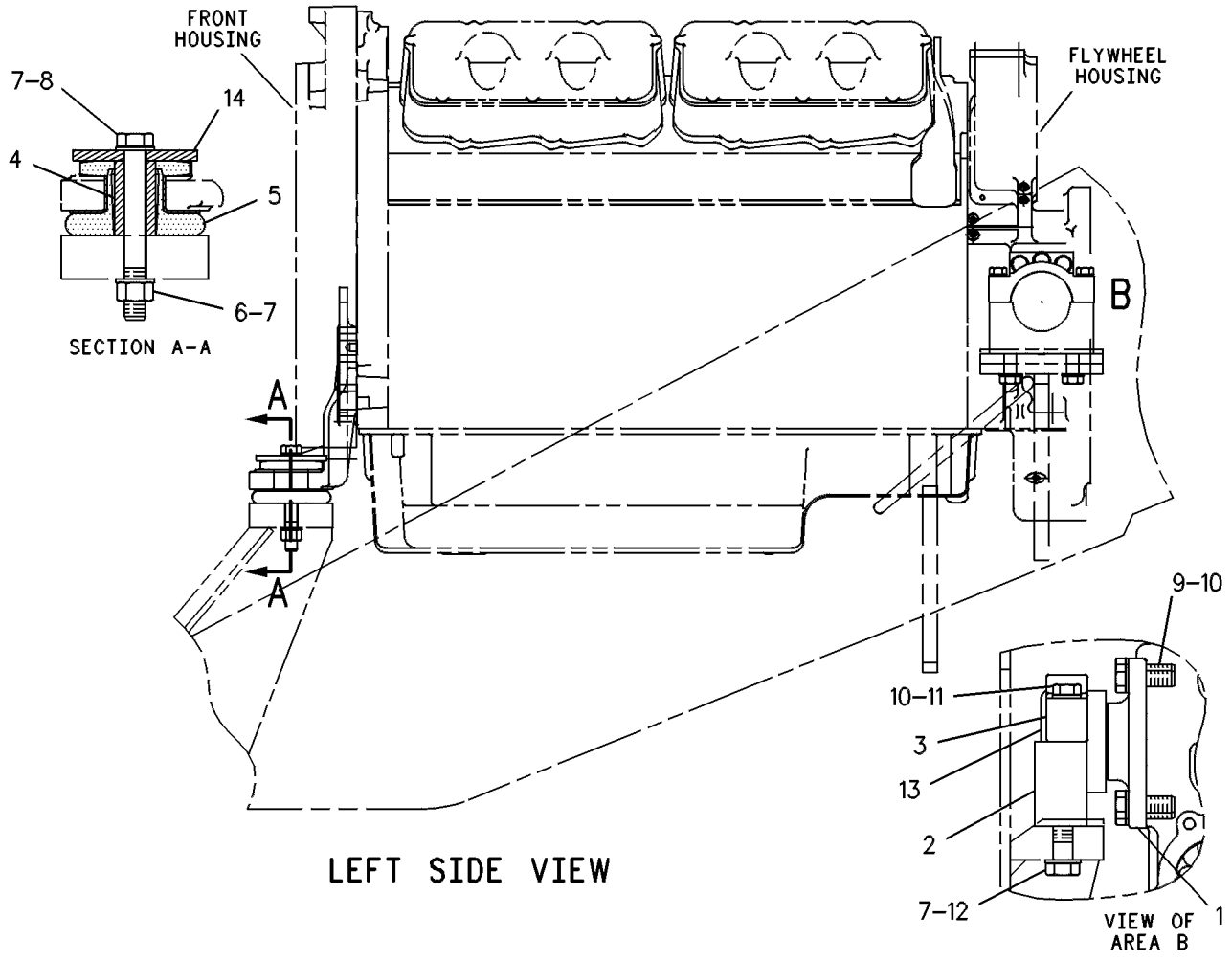
PIN 2KZ1-UP

PART OF 122-4986 INSTALLATION AR-ENGINE

SMCS-1154 **i00174339**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**100-9222**	2	SUPPORT-ENGINE	
	2	1	**100-9220**	2	SUPPORT	
	3	1	**4P-7882**	2	CAP	
	4	1	**9W-7385**	2	SLEEVE	
	5	1	**6Y-9980**	2	MOUNT AS	
CM	6	1	**8T-4001**	2	NUT (M24X3.00 THD)	
C	7	1	**8T-4167**	8	WASHER (4MM THK)	
CM	8	1	**7X-2578**	2	BOLT (M24X3X200MM)	
M	9	1	**7X-2563**	12	BOLT (M20X2.5X60MM)	
	10	1	**8T-4123**	16	WASHER-PLATED (3.5MM THK)	
M	11	1	**7X-2564**	4	BOLT (M20X2.5X90MM)	
M	12	1	**8T-5878**	4	BOLT (M24X3X80MM)	
	13	1	**6Y-2090**	2	MOUNT AS	
C	14	1	**9W-7388**	2	WASHER (12.0MM THK)	

C-CHANGE FROM PREVIOUS TYPE
M-METRIC PART



GRAPHIC #1 g00120136

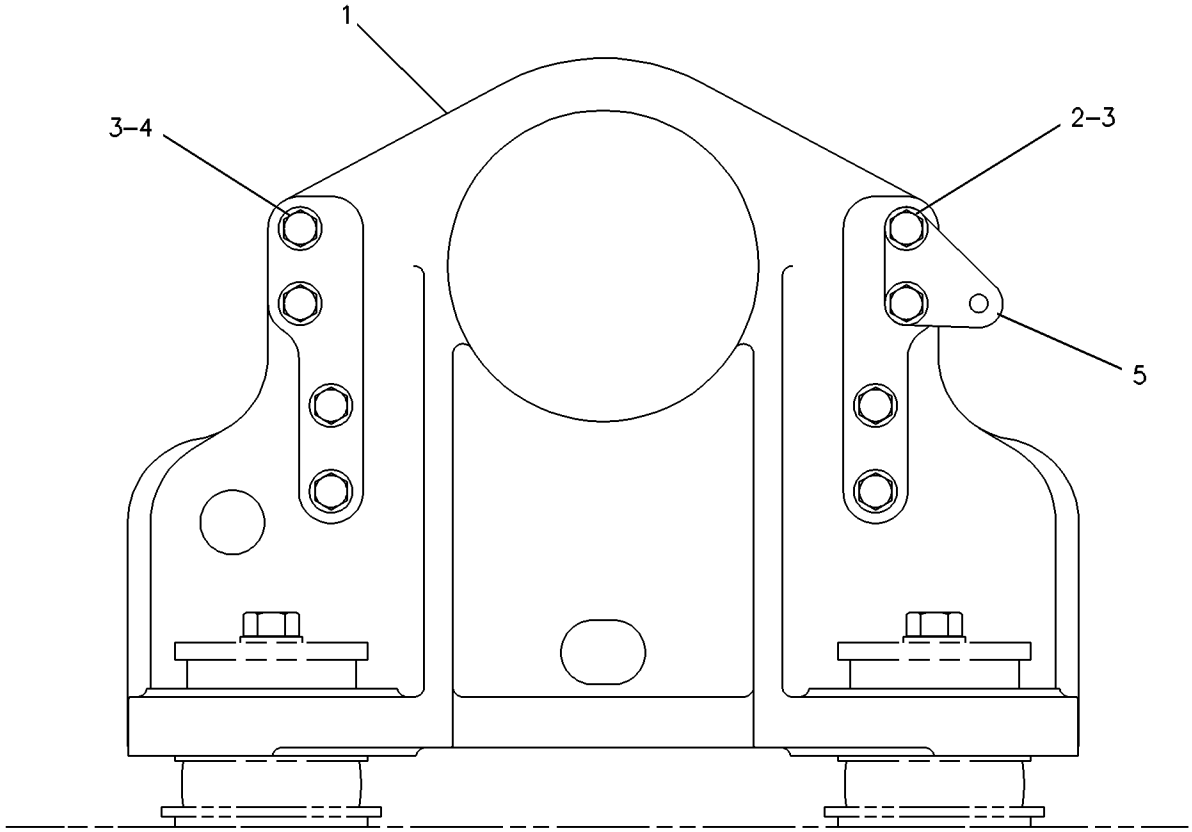
102-8748 SUPPORT GP-ENGINE

S/N 80M861-UP

PART OF 122-1117 ENGINE AR

SMCS-1154 **i00111558**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9Y-7770**	1	SUPPORT-ENGINE	
	2	1	**8F-8804**	2	BOLT (1/2-13X5.75IN)	
	3	1	**5P-8245**	8	WASHER (3MM THK)	
	4	1	**9X-8878**	6	BOLT	
	5	1	**100-9219**	1	BRACKET	



GRAPHIC #1 g00083796

7E-0607 SUPPORT GP-FAN DRIVE

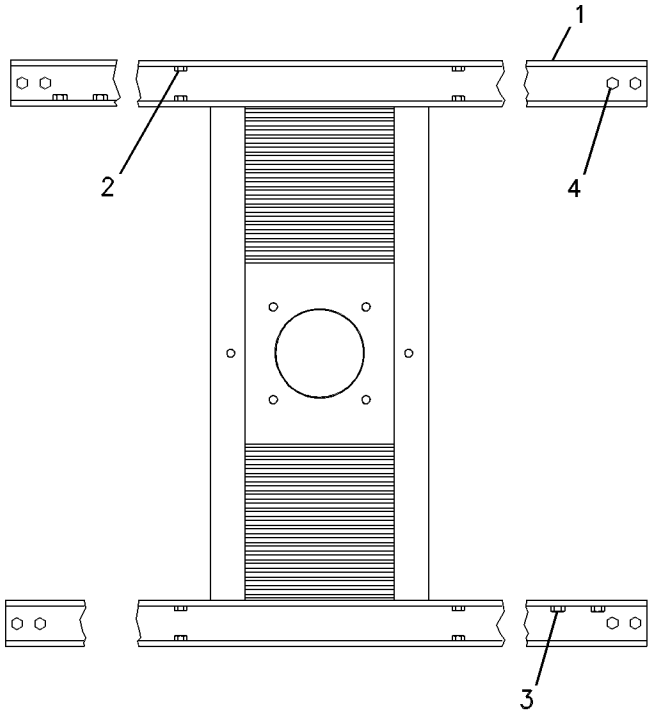
PIN 2KZ1-UP

PART OF 122-4986 INSTALLATION AR-ENGINE

SMCS-1359 **i00701367**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4P-6191**	1	SUPPORT AS	
M	2	1	**8T-3490**	18	NUT-WELD (M10X1.5 THD)	
M	3	1	**8T-3597**	4	NUT-WELD (M12X1.75 THD)	
M	4	1	**8T-4910**	8	BOLT (M12X1.75X60MM)	
		1	**146-5067**	8	SPACER	

M-METRIC PART



GRAPHIC #1 g00299221

108-1874 VALVE MECHANISM GP

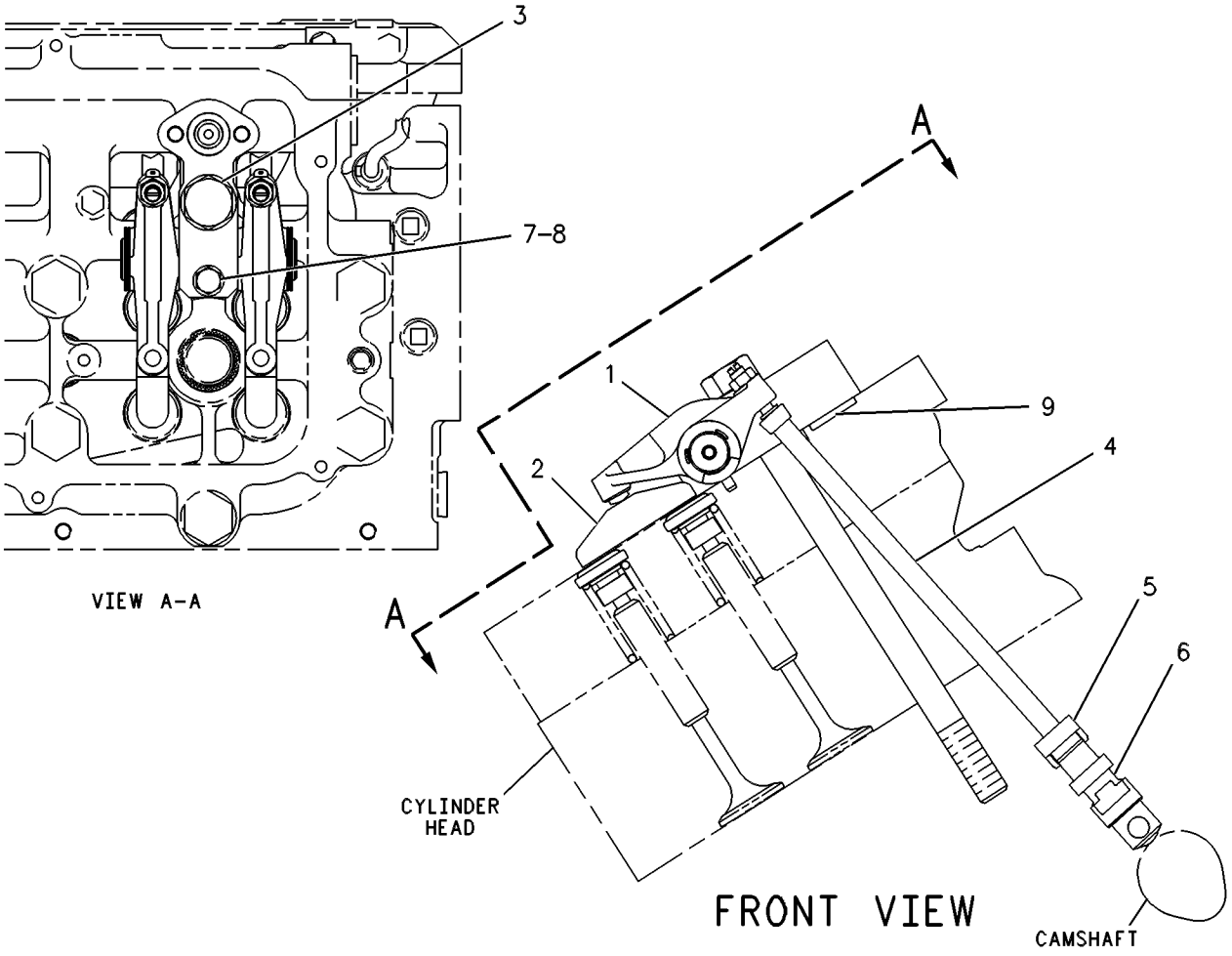
S/N 80M861-UP

PART OF 122-1117 ENGINE AR

SMCS-1102, 1121, 1123 **i00105179**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	*107-1954*	12	ROCKER ARM GP	44
	2	1	**100-6889**	24	BRIDGE-VALVE	
	3	1	**2P-9845**	12	BOLT (3/4-16X11.5IN)	
		1	**5H-1504**	12	WASHER-HARD (5MM THK)	
	4	1	**4W-5998**	24	PUSHROD AS	
	5	1	**6N-6872**	24	SPRING-GUIDE	
	6	1	**101-7788**	24	LIFTER AS-VALVE	
	7	1	**5M-2894**	12	WASHER (2.5MM THK)	
	8	1	**0L-1143**	12	BOLT (3/8-16X2.5IN)	
	9	1	**116-7220**	12	SEAL-RECTANGULAR	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00086438

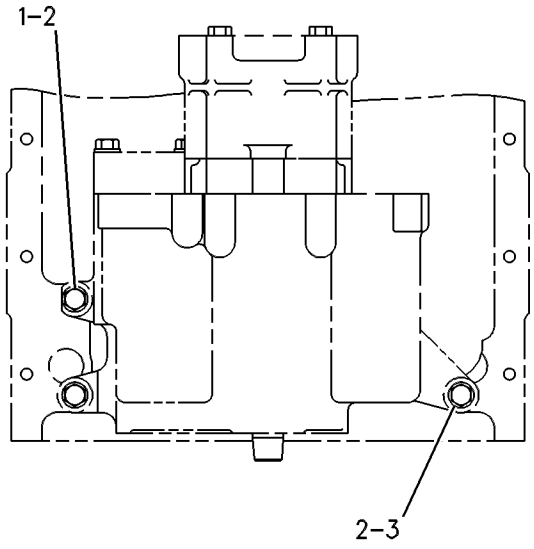
119-8583 FASTENER GP-OIL PUMP MOUNTING

S/N 80M861-UP

PART OF 122-1117 ENGINE AR

SMCS-1304 **i00105303**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**0L-1143**	1	BOLT (3/8-16X2.5IN)	
	2	1	**5M-2894**	3	WASHER (2.5MM THK)	
	3	1	**0S-1619**	2	BOLT (3/8-16X3IN)	



GRAPHIC #1 g00086534

4N-7842 FILLER GP-ENGINE OIL

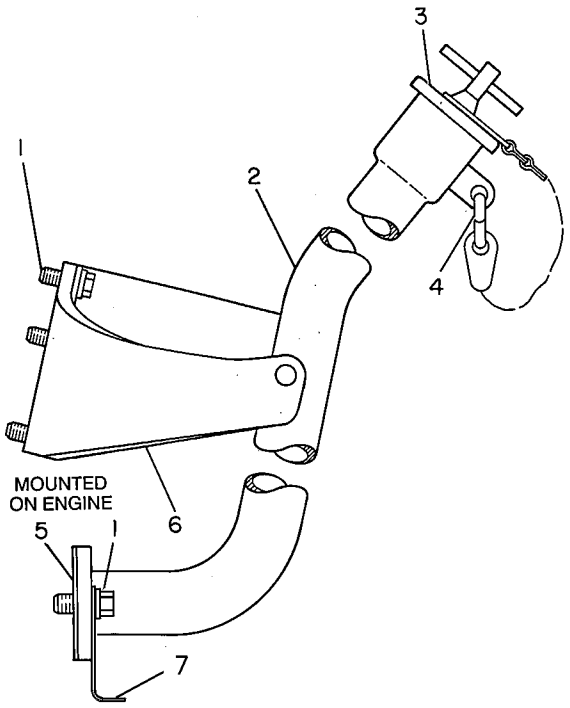
S/N 80M861-UP

PART OF 122-1117 ENGINE AR

SMCS-1316 **i01058509**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1A-2029**	5	BOLT (3/8-16X1.125IN)	
		1	**5M-2894**	5	WASHER (2.5MM THK)	
	2	1	**8N-6949**	1	TUBE AS-OIL FILLER	
	3	1	**6N-2985**	1	CAP AS-FILLER	
C	4	1	**3F-6156**	1	HOOK	
	5	1	**7C-0307**	1	GASKET	
	6	1	**6N-9364**	1	BRACKET	
	7	1	**6L-2479**	1	BRACE	

C-CHANGE FROM PREVIOUS TYPE



GRAPHIC #1 g00120375

4N-2357 FILTER GP-ENGINE OIL

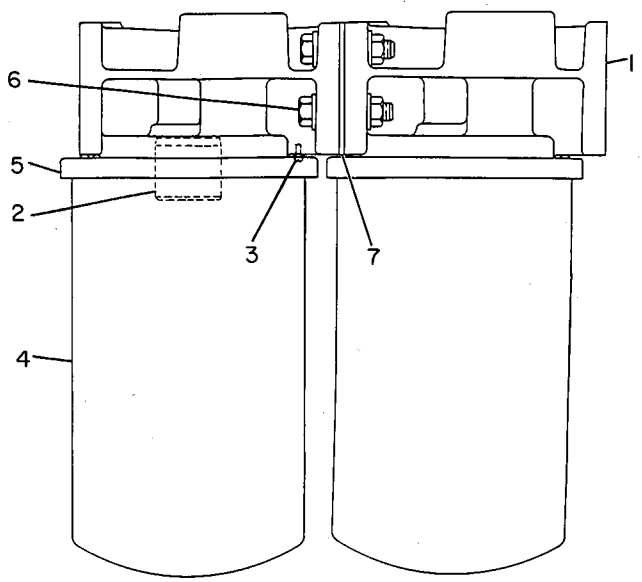
S/N 80M861-UP

PART OF 122-1117 ENGINE AR

SMCS-1306, 1308 **i01058453**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**2P-4303**	2	BASE AS-OIL FILTER	
					(EACH INCLUDES)	
	2	1	**2P-4304**	1	STUD-TAPERLOCK	
C	3	1	**7F-9090**	4	SCREW-DRIVE	
C	4	1	**1R-0716**	2	FILTER AS-ENGINE OIL	
	5	1	**4N-7082**	2	SHIELD-OIL FILTER	
	6	1	**0S-1571**	4	BOLT (3/8-16X1.75IN)	
		1	**9S-8752**	4	NUT (3/8-16 THD)	
		1	**5M-2894**	8	WASHER (2.5MM THK)	
	7	1	**2P-4305**	1	GASKET	

C-CHANGE FROM PREVIOUS TYPE



GRAPHIC #1 g00081612

LUBRICATION SYSTEM

139-4209 FUMES DISPOSAL GP

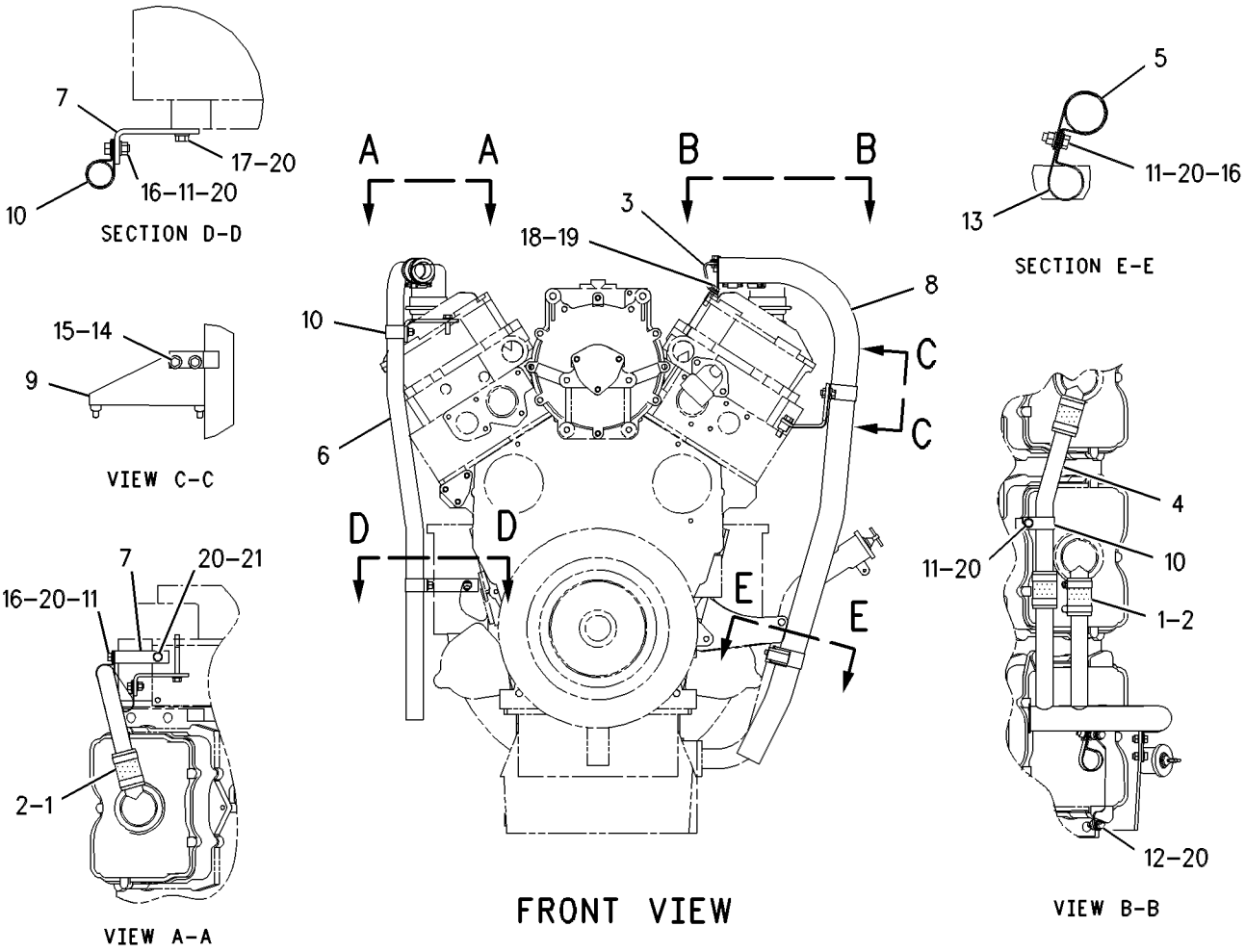
PIN 2KZ1-UP

PART OF 122-4986 INSTALLATION AR-ENGINE

SMCS-1317 **i00913133**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
E	1	1	**5P-1255**		HOSE (10CM EACH)	
	2	1	**9M-2904**	8	CLAMP-HOSE	
	3	1	**125-5827**	1	BRACKET AS	
		1	**1F-0750**	1	NUT-WELD (3/8-16 THD)	
	4	1	**125-5859**	1	TUBE	
	5	1	**130-3374**	1	CLIP-LOOP	
	6	1	**132-6765**	1	TUBE	
	7	1	**132-6782**	2	BRACKET	
	8	1	**146-3786**	1	TUBE AS	
	9	1	**147-3020**	1	BRACKET AS	
		1	**1F-0750**	2	NUT-WELD (3/8-16 THD)	
		1	**1L-5081**	2	SPACER (9/16IN THK)	
	10	1	**2S-2053**	3	CLIP (34.92MM ID)	
	11	1	**4L-6454**	4	BOLT (3/8-16X1.0IN)	
	12	1	**4L-9337**	2	BOLT	
	13	1	**5L-4504**	1	CLIP	
	14	1	**5P-1075**	2	WASHER-HARD (3MM THK)	
	15	1	**5S-7379**	2	BOLT (3/8-16X.875IN)	
	16	1	**6V-8801**	3	NUT (3/8-16 THD)	
	17	1	**7X-0290**	1	BOLT (3/8-16X3.50IN)	
	18	1	**8C-3121**	1	BOLT (5/16-18X1.50IN)	
	19	1	**8T-4224**	1	WASHER-HARD (2MM THK)	
	20	1	**8T-4896**	11	WASHER-HARD (2.5MM THK)	
	21	1	**9B-7237**	1	BOLT (3/8-16X1.25IN)	

E-ORDER BY THE CENTIMETER



GRAPHIC #1 g00374818

4N-7839 GAUGE GP-OIL LEVEL (DIPSTICK)

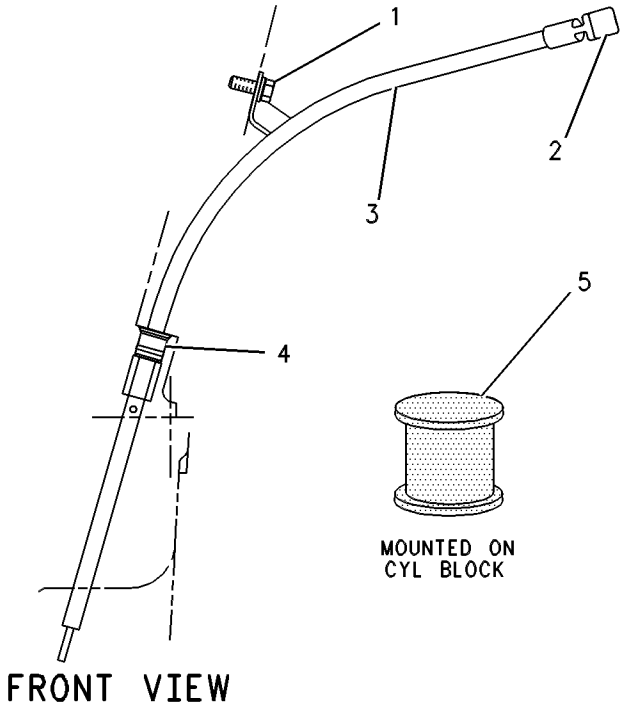
S/N 80M861-UP

PART OF 122-1117 ENGINE AR

SMCS-1326 **i01193811**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**0S-1594**	1	BOLT (3/8-16X1 IN)	
		1	**5M-2894**	1	WASHER (2.5MM THK)	
C	2	1	**128-5077**	1	GAUGE AS-OIL LEVEL (DIPSTICK)	
C	3	1	**8N-6786**	1	GUIDE AS-OIL LEVEL GAUGE	
	4	1	**118-5068**	1	SEAL-O-RING (15.54MM ID)	
	5	1	**165-6170**	3	PLUG	
					(USE TO PLUG OPTIONAL DIPSTICK LOCATIONS)	

C-CHANGE FROM PREVIOUS TYPE



GRAPHIC #1 g00121275

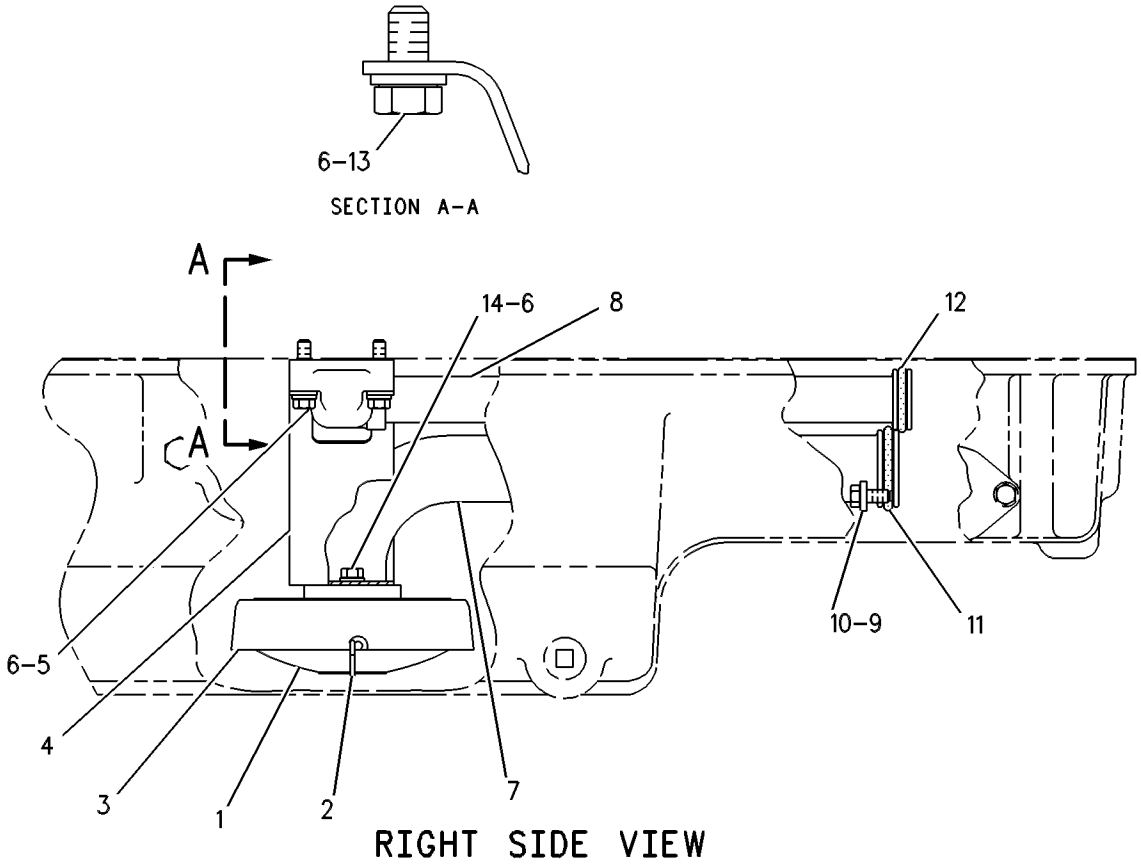
122-1790 LINES GP-ENGINE OIL

S/N 80M861-UP

PART OF 122-1117 ENGINE AR

SMCS-1307 **i00115110**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4N-0913**	1	SCREEN AS-BELL	
	2	1	**4N-0914**	1	CLIP (SUCTION SCREEN)	
	3	1	**8N-2104**	1	BELL AS-SUCTION	
		1	**1F-0750**	2	NUT-WELD (3/8-16 THD)	
	4	1	**6N-1381**	1	SUPPORT-BELL	
	5	1	**0S-1571**	2	BOLT (3/8-16X1.75IN)	
	6	1	**5M-2894**	6	WASHER (2.5MM THK)	
	7	1	**116-0765**	1	TUBE AS-OIL PUMP	
	8	1	**116-2699**	1	TUBE AS	
	9	1	**0L-1351**	1	BOLT (3/8-16X.875IN)	
	10	1	**8M-9024**	1	WASHER-HARD (5MM THK)	
	11	1	**109-0076**	1	SEAL-O-RING (50.17MM ID)	
	12	1	**109-0078**	1	SEAL-O-RING (33.47MM ID)	
	13	1	**0S-0509**	2	BOLT (3/8-16X.75IN)	
	14	1	**1A-2029**	2	BOLT (3/8-16X1.125IN)	



GRAPHIC #1 g00086540

LUBRICATION SYSTEM

122-1898 LINES GP-ENGINE OIL FILTER

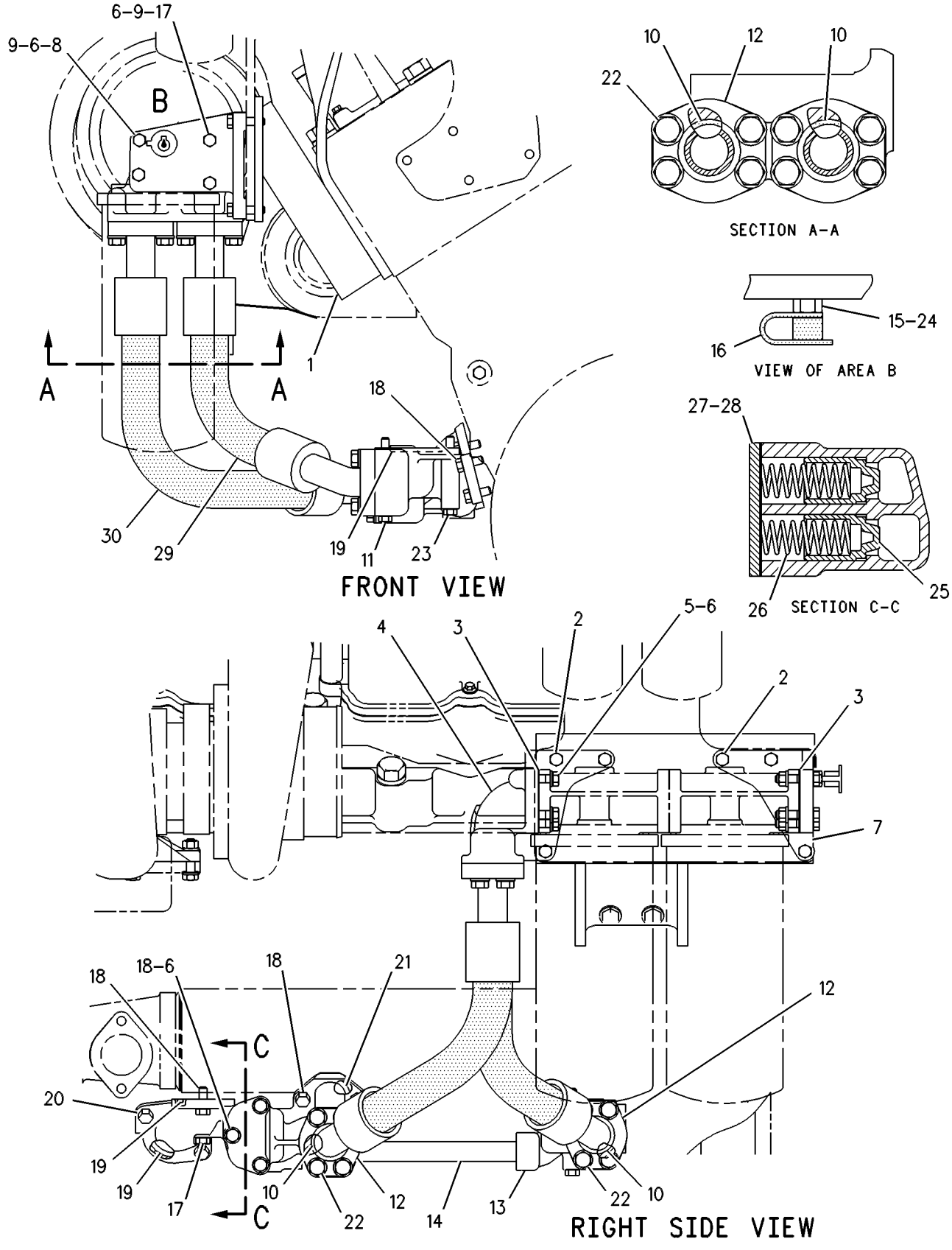
S/N 80M861-UP

PART OF 122-1117 ENGINE AR

SMCS-1307, 1308 **i01041809**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7C-5011**	1	SUPPORT-OIL FILTER	
	2	1	**0S-1591**	6	BOLT (3/8-16X1.5IN)	
	3	1	**2P-4305**	2	GASKET	
	4	1	**4N-8600**	1	ADAPTER-BASE	
	5	1	**1A-2029**	4	BOLT (3/8-16X1.125IN)	
	6	1	**5M-2894**	11	WASHER (2.5MM THK)	
	7	1	**7C-9010**	1	SUPPORT-BASE	
	8	1	**0S-1571**	4	BOLT (3/8-16X1.75IN)	
	9	1	**9S-8752**	4	NUT (3/8-16 THD)	
	10	1	**118-7214**	4	SEAL-O-RING (37.69MM ID)	
	11	1	**0S-1608**	1	BOLT (3/8-16X3.75IN)	
	12	1	**1P-4578**	8	FLANGE-HALF	
	13	1	**4N-8770**	1	ELBOW-COOLER OUTLET	
	14	1	**4N-8411**	1	TUBE-COOLER BYPASS	
		1	**114-2687**	2	SEAL-O-RING (23.16MM ID)	
	15	1	**8C-3446**	1	VALVE-FLUID SAMPLING (ENGINE OIL)	
	16	1	**8C-3445**	1	CAP-DUST	
	17	1	**0L-2070**	1	BOLT (3/8-16X2.25IN)	
	18	1	**0S-1594**	10	BOLT (3/8-16X1.0IN)	
	19	1	**109-0076**	3	SEAL-O-RING (50.17MM ID)	
	20	1	**1W-1116**	1	BODY-BYPASS	
	21	1	**109-0078**	1	SEAL-O-RING (33.47MM ID)	
	22	1	**0T-0772**	16	BOLT (7/16-14X1.5IN)	
		1	**5P-8244**	16	WASHER (2.5MM THK)	
	23	1	**0T-0065**	1	BOLT (3/8-16X3.5IN)	
	24	1	**9X-7378**	1	SEAL-O-RING (8.92MM ID)	
	25	1	**1P-1367**	2	PLUNGER	
	26	1	**9F-6304**	2	SPRING	
	27	1	**4N-0861**	1	COVER	
	28	1	**4N-0865**	1	GASKET	
I	29	1	**7E-9227**	1	HOSE AS	
I	30	1	**7C-9452**	1	HOSE AS	

I-SEE HOSE FABRICATION GUIDE



GRAPHIC #1 g00122722

LUBRICATION SYSTEM

122-6789 LINES GP-TURBOCHARGER OIL

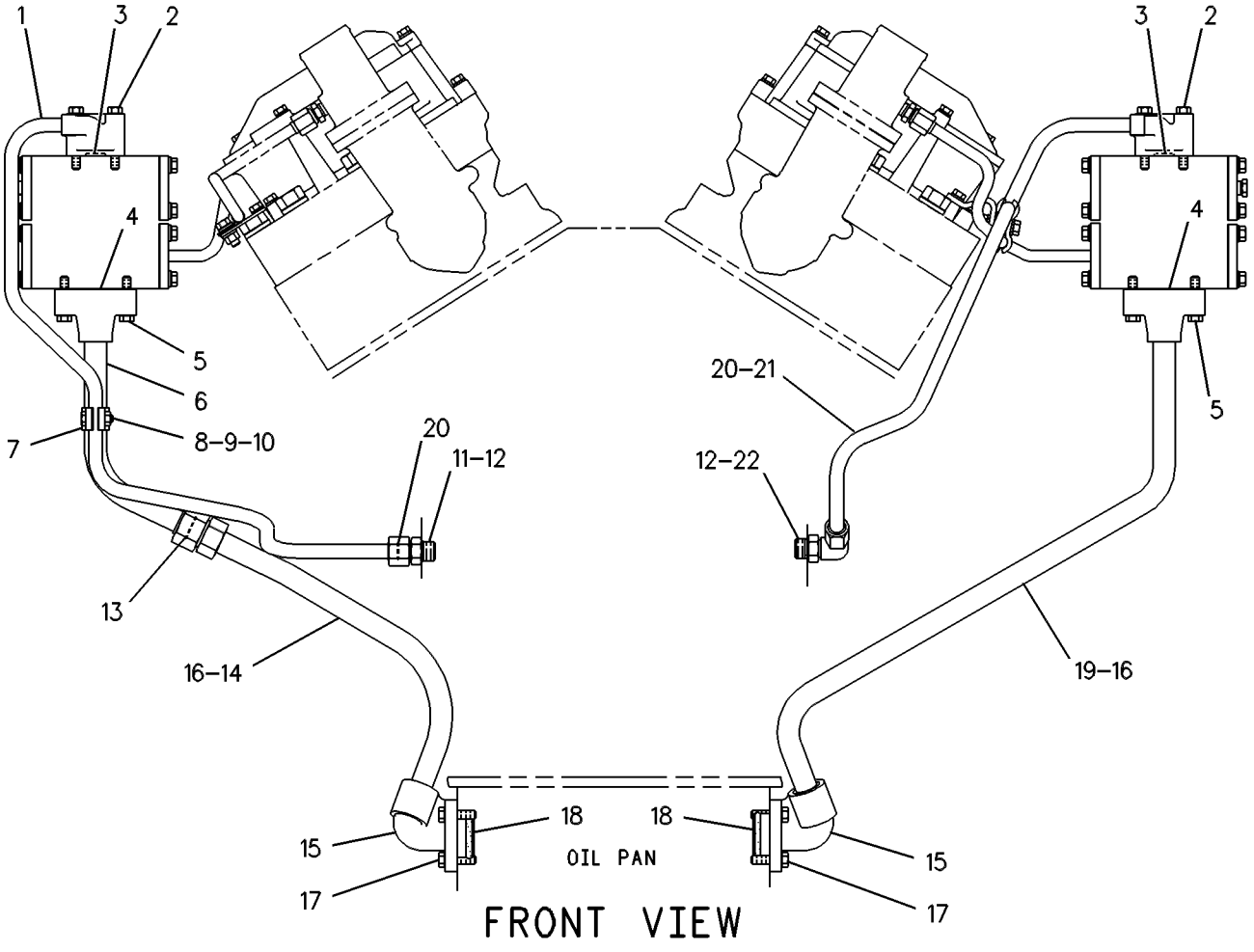
S/N 80M861-UP

PART OF 122-1117 ENGINE AR

SMCS-1052, 1307 **i00191086**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**122-8335**	1	TUBE AS-SUPPLY	
	2	1	**0L-1143**	4	BOLT (3/8-16X2.5IN)	
	3	1	**5P-5598**	2	SEAL-O-RING (15.47MM ID)	
	4	1	**7N-7559**	2	GASKET	
	5	1	**0S-1571**	4	BOLT (3/8-16X1.75IN)	
	6	1	**113-0381**	1	TUBE AS-DRAIN	
	7	1	**9M-2564**	2	CLAMP-TUBE	
	8	1	**1A-2029**	1	BOLT (3/8-16X1.125IN)	
	9	1	**5M-2894**	2	WASHER (2.5MM THK)	
	10	1	**9S-8752**	1	NUT-FULL (3/8-16 THD)	
	11	1	**6V-8642**	1	CONNECTOR-SEAL	
	12	1	**114-4427**	2	SEAL-O-RING (19.18MM ID)	
	13	1	**8C-3093**	1	SEAL-O-RING (23.52MM ID)	
	14	1	**113-0926**	1	TUBE AS-DRAIN	
	15	1	**7N-9008**	2	ELBOW	
	16	1	**114-2687**	2	SEAL-O-RING (23.16MM ID)	
	17	1	**3B-1915**	4	BOLT (3/8-16X1.375IN)	
	18	1	**5P-5846**	2	SEAL-O-RING (40.64MM ID)	
	19	1	**113-0378**	1	TUBE AS-DRAIN	
	20	1	**8L-2746**	2	SEAL-O-RING (15.6MM ID)	
	21	1	**122-8334**	1	TUBE AS-SUPPLY	
	22	1	**6V-8626**	1	ELBOW-90 DEGREE	

122-6789 **LINES GP-TURBOCHARGER OIL** *(contd.)* **i00191086**



GRAPHIC #1 g00121300

LUBRICATION SYSTEM

9U-1973 OIL CHANGE GP-HIGH SPEED

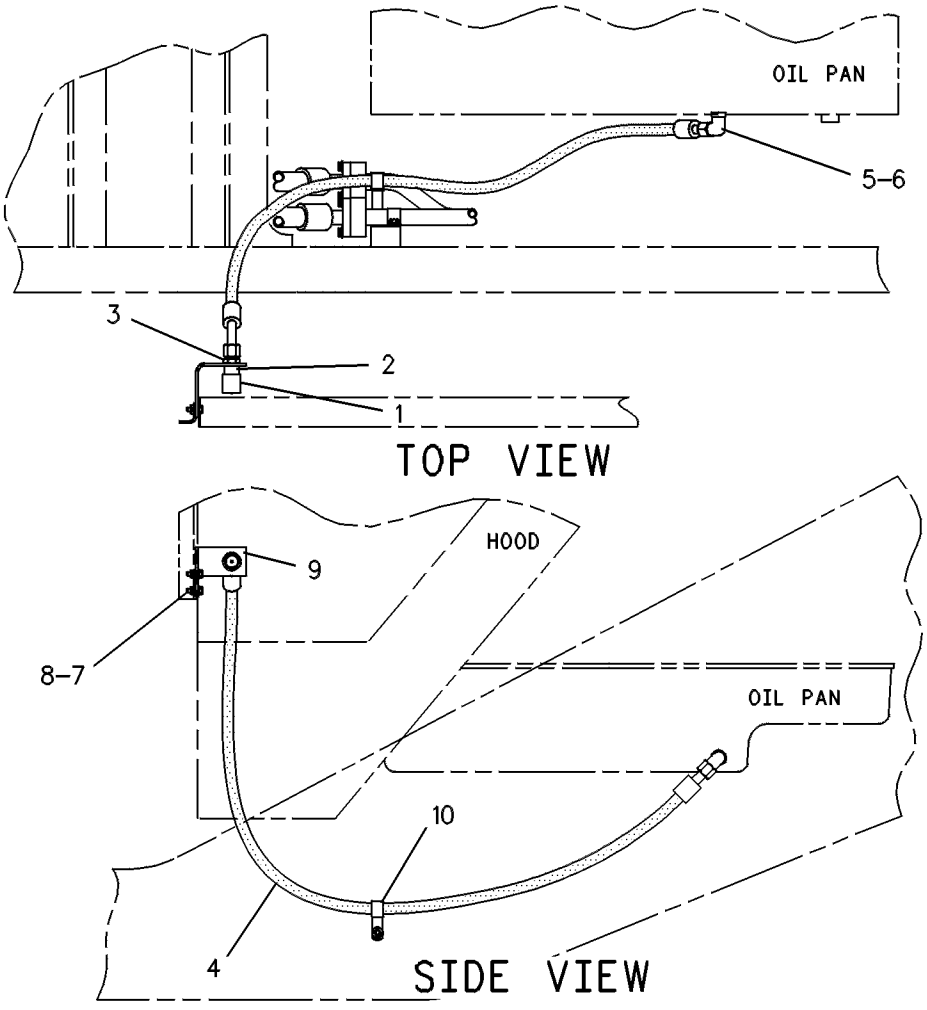
PIN 2KZ1-UP

PART OF 152-9751 GENERAL AR

SMCS-1325 **i00174284**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9S-9272**	1	CAP AS	
	2	1	**1P-7919**	1	COUPLER-MALE	
	3	1	**6K-8420**	1	LOCKNUT (1-1/16-12 THD)	
I	4	1	**2P-8978**	1	HOSE AS	
	5	1	**001-6301**	1	ELBOW-FLARED	
	6	1	**6B-9081**	1	BUSHING-TERMINAL	
M	7	1	**8T-4195**	2	BOLT (M10X1.50X30MM)	
	8	1	**8T-4121**	2	WASHER (2.5MM THK)	
	9	1	**9U-1975**	1	BRACKET	
	10	1	**5N-2840**	1	CLIP (31.75MM ID)	

I-SEE HOSE FABRICATION GUIDE
M-METRIC PART



GRAPHIC #1 g00120187

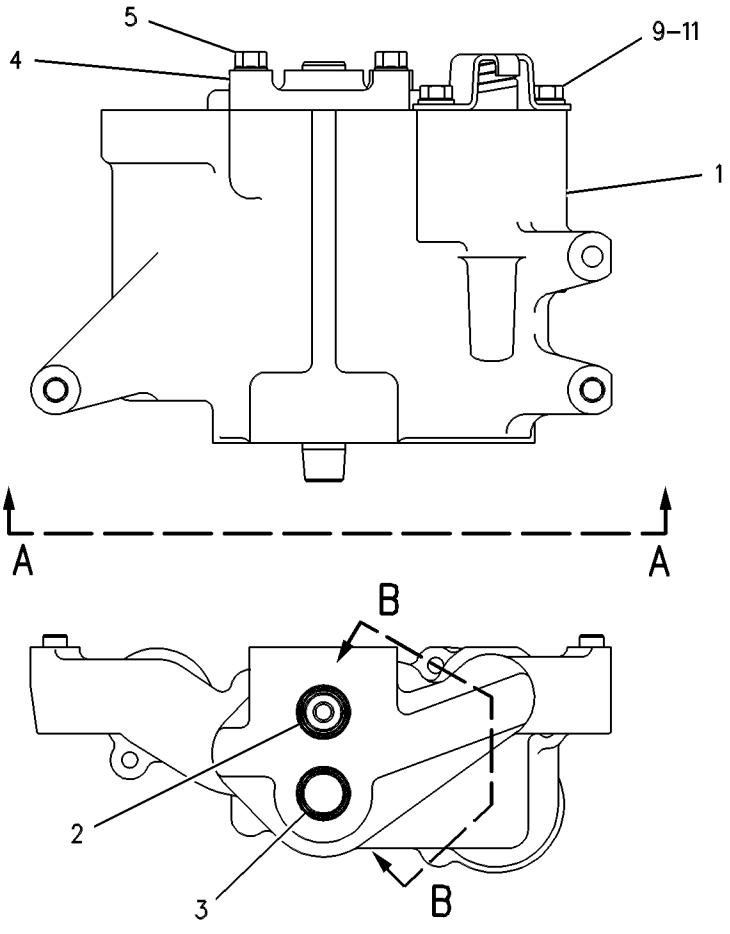
116-1980 PUMP GP-ENGINE OIL

S/N 80M861-UP

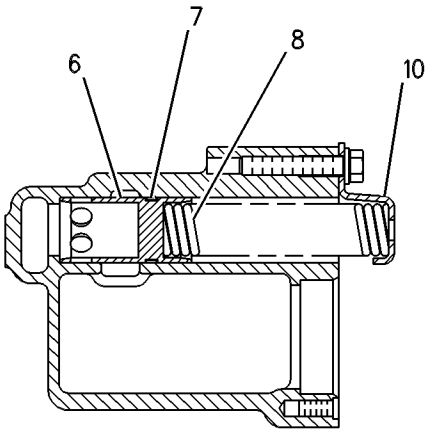
PART OF 122-1117 ENGINE AR

SMCS-1304, 1315 **i00107415**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**116-1979**	1	BODY AS-OIL PUMP	
		1	**7N-2156**	2	BEARING-SLEEVE (27.013MM OD)	
		1	**8M-8489**	2	DOWEL (12.54MM DIA)	
	2	1	**105-1482**	1	SHAFT AS-PUMP DRIVE	
	3	1	**107-7373**	1	SHAFT AS-IDLER	
	4	1	**127-6356**	1	COVER AS-PUMP	
		1	**8S-6511**	2	BEARING-SLEEVE (.8775IN ID)	
	5	1	**2P-3205**	4	BOLT-WASHER HEAD	
	6	1	**7C-1512**	1	PLUNGER-RELIEF	
	7	1	**7C-1511**	1	RING-PLUNGER	
	8	1	**2S-2760**	1	SPRING	
	9	1	**1M-0644**	2	BOLT (3/8-16X2-1/4 IN)	
	10	1	**122-9943**	1	RETAINER	
	11	1	**5M-2894**	2	WASHER (2.5MM THK)	



VIEW A-A



SECTION B-B

GRAPHIC #1 g00086528

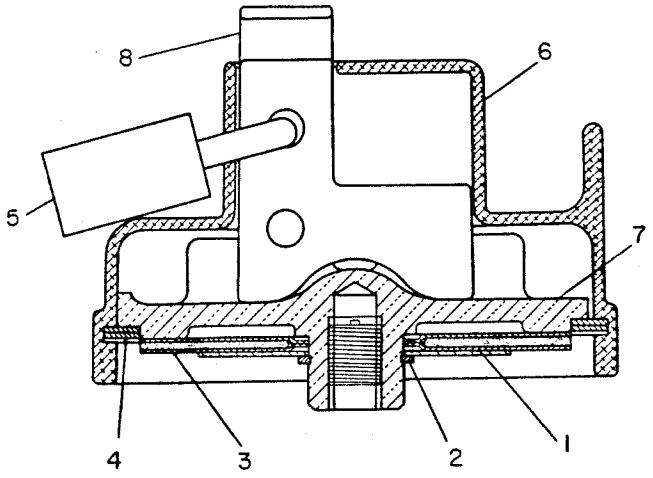
1N-3599 COVER GP-RADIATOR CAP

PIN 2KZ1-UP
LOCKING
PART OF 7E-0612 RADIATOR GP

SMCS-1382, 7315 **i01096556**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**2S-2846**	1	RETAINER-GASKET	
	2	1	**9S-9979**	1	RING-RETAINING	
	3	1	**2P-3230**	1	GASKET	
	4	1	**1M-8649**	1	RING-RETAINING	
	5	1	**5P-8502**	1	PADLOCK GP	
A		1	**5P-8500**	1	KEY	
A		1	**8Y-6364**	1	SLEEVE	
	6	1	**7N-2957**	1	COVER-RADIATOR CAP	
	7	1	**7N-5565**	1	CAP-RADIATOR	
	8	1	**2S-6097**	1	TANG	

A-NOT PART OF THIS GROUP



GRAPHIC #1 g00081606

7E-0608 FAN GP-BLOWER

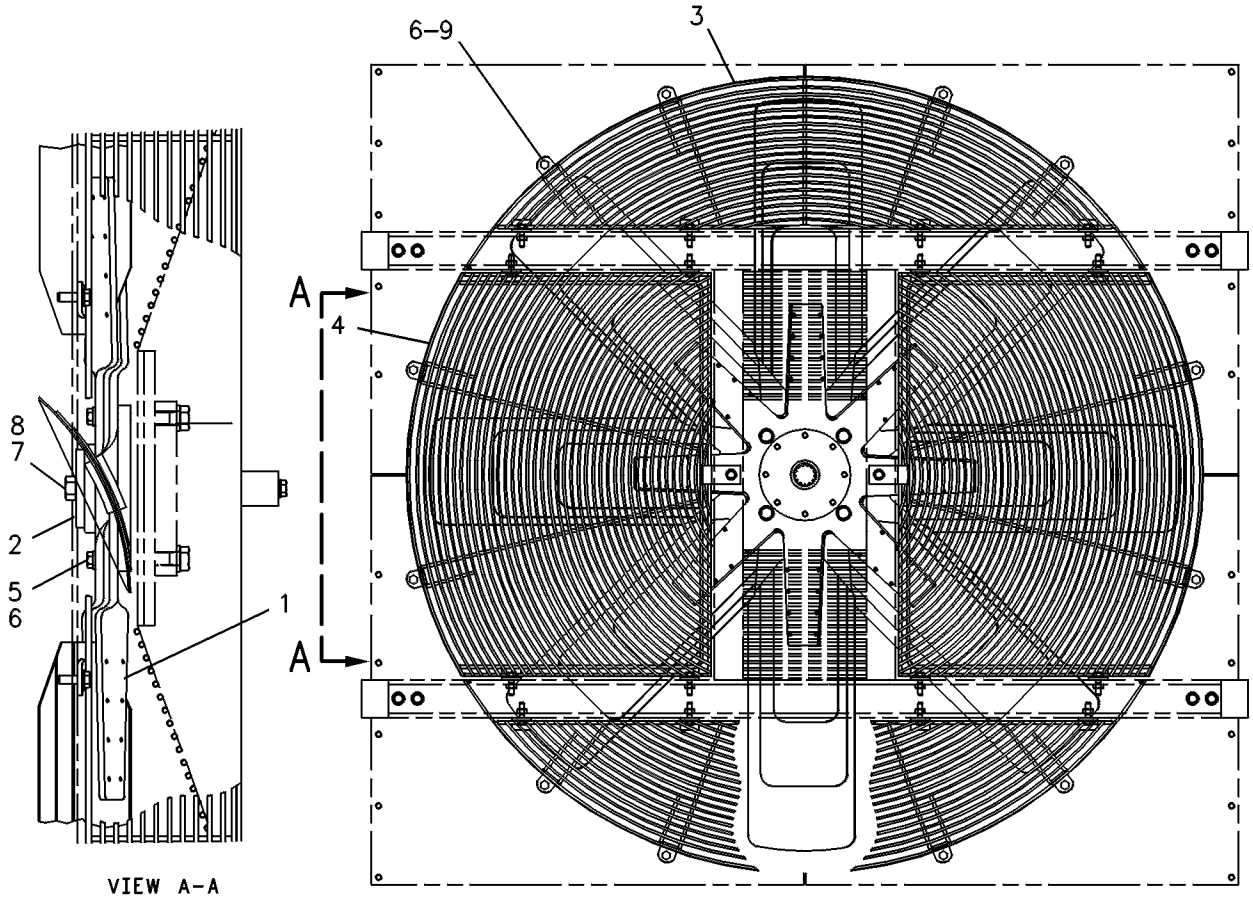
PIN 2KZ1-UP

PART OF 122-4986 INSTALLATION AR-ENGINE

SMCS-1356, 1360 **i00174277**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4P-6565**	1	SPIDER AS-FAN	
	2	1	**4P-6197**	1	ADAPTER-FAN	
	3	1	**4P-6189**	2	GUARD AS	
	4	1	**4P-6190**	2	GUARD AS	
M	5	1	**8T-4186**	8	BOLT (M10X1.50X40MM)	
	6	1	**8T-4121**	38	WASHER (2.5MM THK)	
	7	1	**7X-0346**	1	BOLT (5/8-11X2IN)	
	8	1	**7X-0540**	1	WASHER-HARD (10MM THK)	
M	9	1	**8T-4195**	30	BOLT (M10X1.50X30MM)	

M-METRIC PART



GRAPHIC #1 g00120114

COOLING SYSTEM

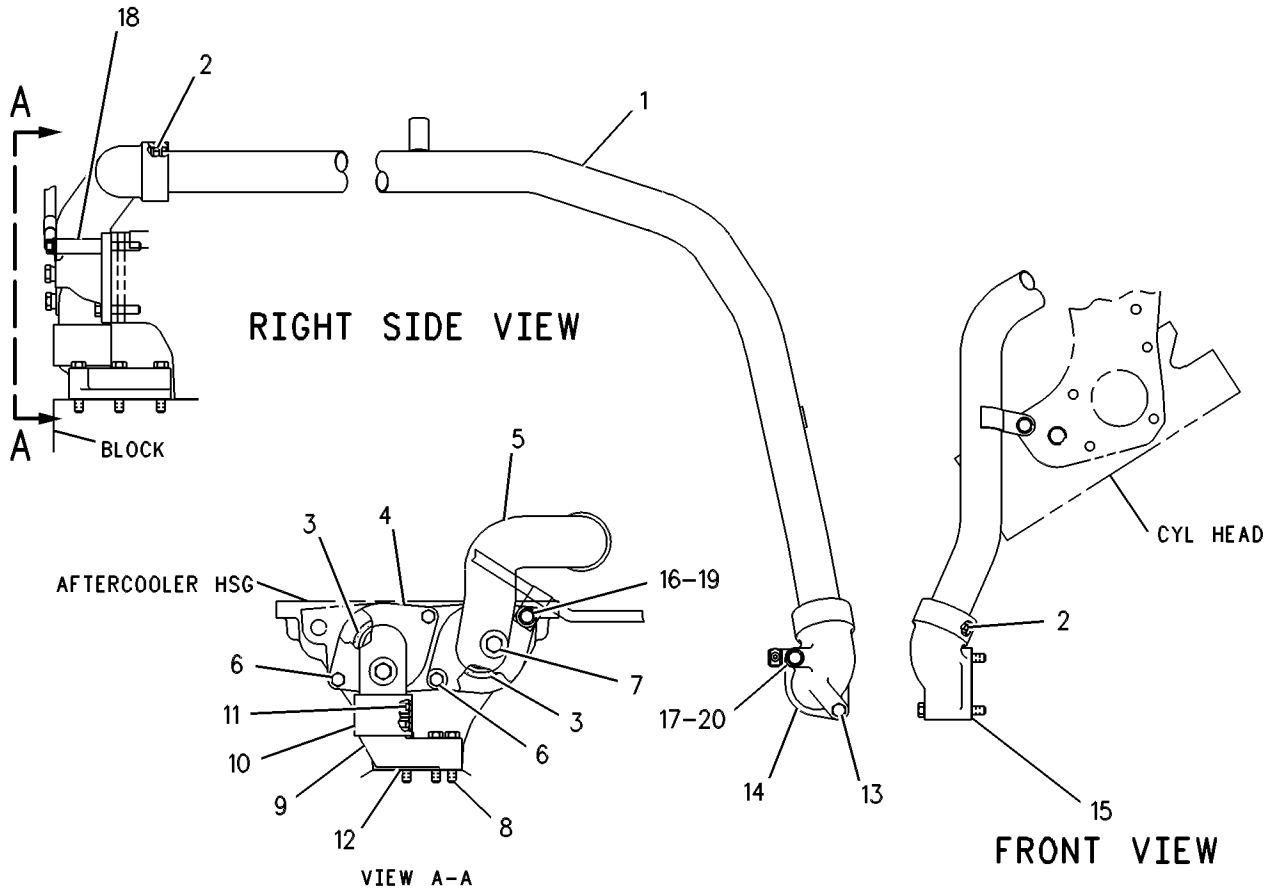
110-3018 LINES GP-WATER

S/N 80M861-UP

PART OF 122-1117 ENGINE AR

SMCS-1380 **i00187578**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**108-3251**	1	TUBE AS	
	2	1	**112-3258**	2	SEAL-O-RING (46.99MM ID)	
	3	1	**112-3259**	2	SEAL-O-RING (59.69MM ID)	
	4	1	**4N-5878**	1	ELBOW (RETURN)	
	5	1	**101-8811**	1	ELBOW	
	6	1	**0S-1571**	3	BOLT (3/8-16X1.75IN)	
	7	1	**8T-6767**	2	PLUG-PIPE (3/8-18 NPTF THD)	
	8	1	**0S-1590**	3	BOLT (3/8-16X2IN)	
	9	1	**4N-5742**	1	CONNECTOR	
	10	1	**4N-6295**	1	SLEEVE-RETURN	
	11	1	**109-0076**	2	SEAL-O-RING (50.17MM ID)	
	12	1	**4N-4307**	1	GASKET	
	13	1	**0T-0573**	1	BOLT (3/8-16X2.75IN)	
	14	1	**6N-3026**	1	ELBOW	
	15	1	**7C-0307**	1	GASKET	
	16	1	**8S-9191**	1	BOLT (3/8-16X4IN)	
	17	1	**5M-2894**	1	WASHER (2.5MM THK)	
	18	1	**2K-5870**	1	SPACER	
	19	1	**9X-6458**	1	WASHER-HARD (3MM THK)	
	20	1	**0S-1619**	1	BOLT (3/8-16X3IN)	



GRAPHIC #1

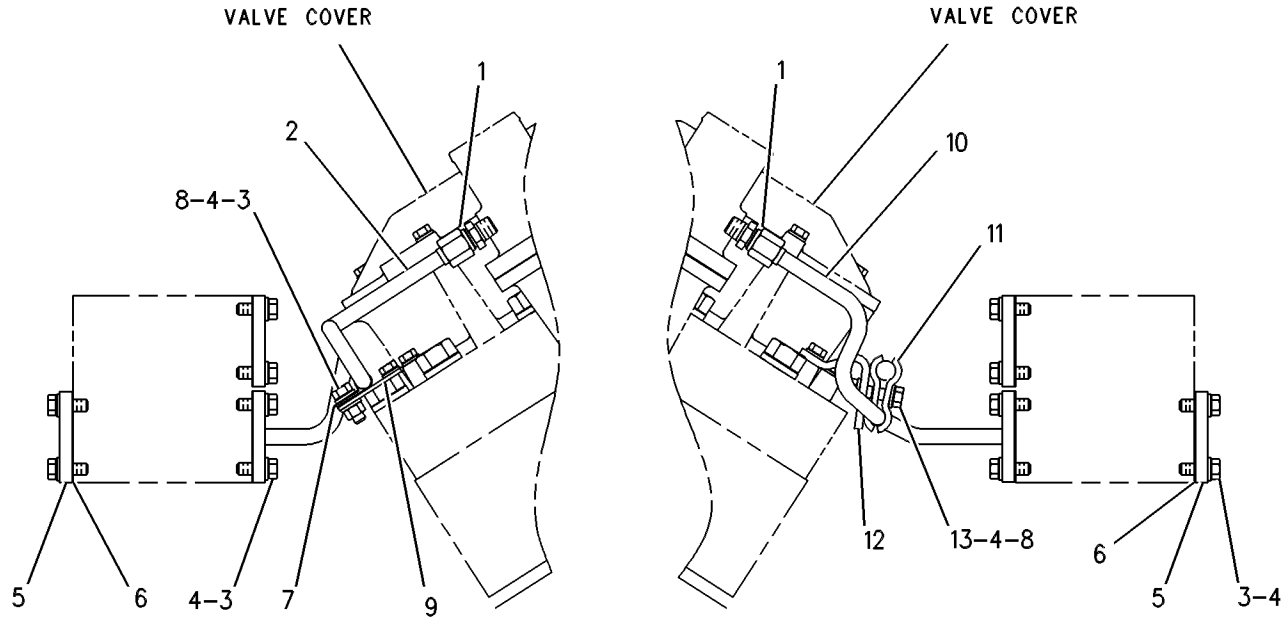
g00121287

122-4978 LINES GP-WATER

S/N 80M861-UP
TURBOCHARGER SUPPLY
PART OF 122-1117 ENGINE AR

SMCS-1380 **i00111601**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8M-0755**	2	CONNECTOR	
	2	1	**113-0382**	1	TUBE AS-SUPPLY (LH-TURBO WATER)	
	3	1	**0S-1594**	13	BOLT (3/8-16X1IN)	
	4	1	**5M-2894**	16	WASHER (2.5MM THK)	
	5	1	**7N-7878**	4	PLATE-COVER	
	6	1	**7N-7628**	6	GASKET	
	7	1	**4B-0418**	1	CLIP (12.7MM ID)	
	8	1	**9S-8752**	2	NUT-FULL (3/8-16 THD)	
	9	1	**118-7809**	1	PLATE	
	10	1	**113-0379**	1	TUBE AS-SUPPLY (RH-TURBO WATER)	
	11	1	**2P-4437**	2	CLAMP	
	12	1	**109-2358**	1	BRACKET	
	13	1	**0S-1571**	1	BOLT (3/8-16X1.75IN)	



FRONT VIEW

GRAPHIC #1 g00086554

COOLING SYSTEM

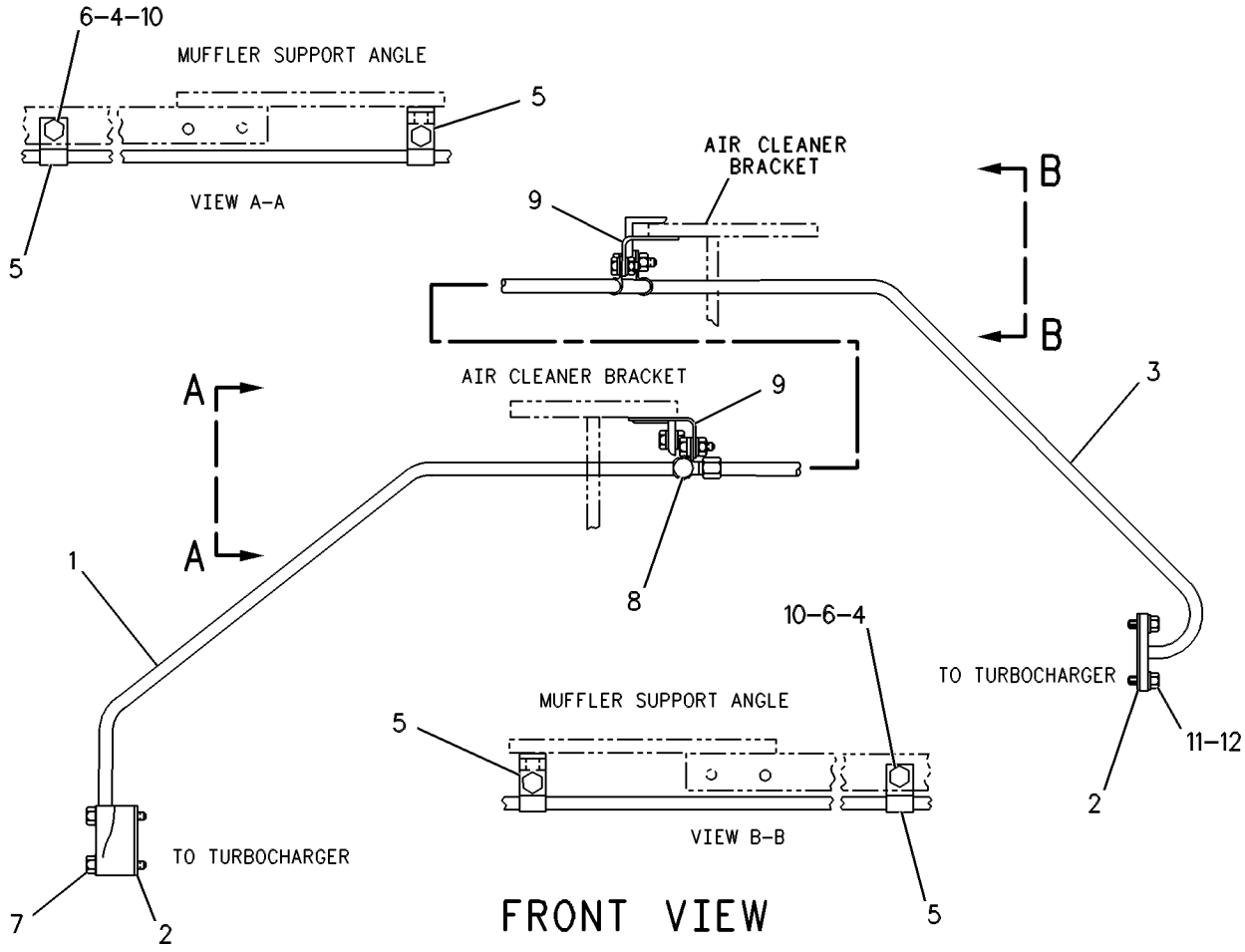
123-1002 LINES GP-WATER

PIN 2KZ1-UP

PART OF 122-4986 INSTALLATION AR-ENGINE

SMCS-1380 **i00548802**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**137-2679**	1	TUBE AS	
	2	1	**7N-7628**	2	GASKET	
	3	1	**137-2678**	1	TUBE AS	
	4	1	**5P-1075**	8	WASHER-HARD (3MM THK)	
	5	1	**5K-3294**	4	CLIP (12.7MM ID)	
	6	1	**9B-7237**	4	BOLT (3/8-16X1.25IN)	
	7	1	**8T-9101**	2	BOLT (3/8-16X2.75IN)	
	8	1	**032-1270**	1	TEE	
	9	1	**1N-4824**	2	BRACKET	
	10	1	**6V-8801**	4	NUT (3/8-16 THD)	
	11	1	**4L-6454**	2	BOLT (3/8-16X1.0IN)	
	12	1	**8T-4896**	2	WASHER-HARD (2.5MM THK)	



GRAPHIC #1 g00086468

COOLING SYSTEM

134-6257 LINES GP-WATER

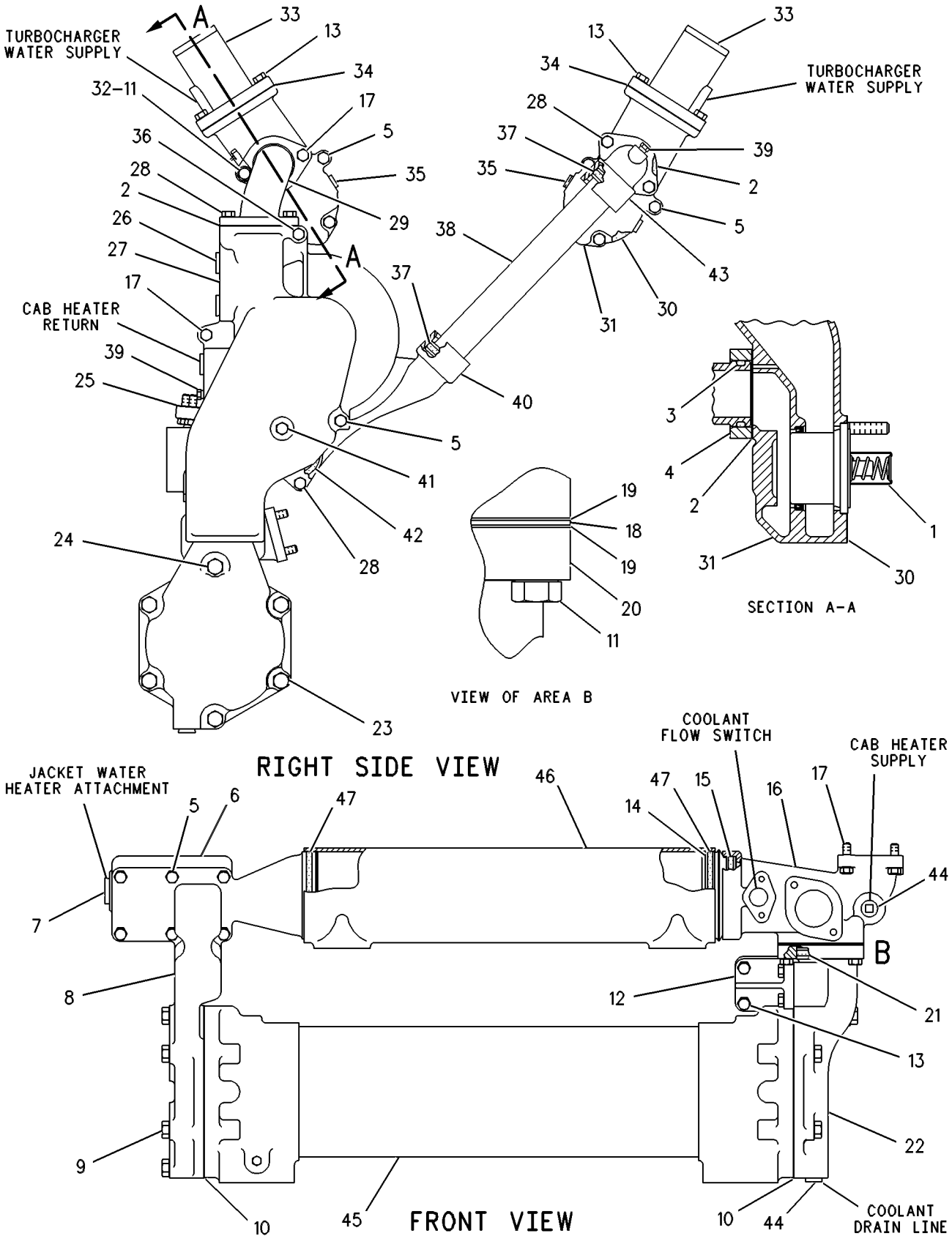
S/N 80M861-UP

PART OF 122-1117 ENGINE AR

SMCS-1380 **i00198556**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4W-4794**	2	REGULATOR-WATER TEMPERATURE (92 DEG C.)	
	2	1	**7C-0307**	3	GASKET	
	3	1	**109-0073**	1	SEAL-O-RING (43.82MM ID)	
	4	1	**4N-1799**	1	FLANGE	
	5	1	**0S-1619**	13	BOLT (3/8-16X3IN)	
	6	1	**4N-0864**	1	GASKET	
	7	1	**8T-6761**	1	PLUG-PIPE (1-11-1/2 NPTF THD)	
	8	1	**103-8943**	1	BONNET-TC OIL COOLER	
	9	1	**9S-1366**	6	BOLT (1/2-13X2.5IN)	
	10	1	**7S-8767**	2	GASKET	
	11	1	**3B-1915**	4	BOLT (3/8-16X1.375IN)	
	12	1	**4N-8452**	1	SUPPORT	
	13	1	**1A-2029**	14	BOLT (3/8-16X1.125IN)	
	14	1	**6N-0008**	1	ADAPTER	
	15	1	**109-0074**	1	SEAL-O-RING (91.44MM ID)	
	16	1	**6N-7145**	1	BONNET-COOLER INLET	
	17	1	**0S-1588**	6	BOLT (3/8-16X1.25IN)	
	18	1	**4N-2380**	1	SPACER-OIL COOLER	
	19	1	**4N-2199**	2	GASKET	
	20	1	**4N-2198**	1	FLANGE	
	21	1	**109-0075**	1	SEAL-O-RING (69.22MM ID)	
	22	1	**7C-1933**	1	BONNET	
	23	1	**0S-1587**	5	BOLT (1/2-13X1.75IN)	
	24	1	**1B-2886**	1	BOLT (1/2-13X3.75IN)	
	25	1	**4N-1946**	1	GASKET	
	26	1	**7X-7731**	3	PLUG-PIPE (3/4-14 NPTF THD)	
	27	1	**4P-3864**	1	COVER-WATER PUMP	
	28	1	**0S-1594**	5	BOLT (3/8-16X1IN)	
	29	1	**6N-5213**	1	ELBOW-OUTLET	
	30	1	**4N-1156**	2	GASKET-REGULATOR COVER	
	31	1	**1N-4929**	2	COVER AS-REGULATOR	
	32	1	**5M-2894**	1	WASHER (2.5MM THK)	
	33	1	**116-5822**	2	TUBE-RADIATOR INLET	
	34	1	**2M-1395**	2	GASKET	
	35	1	**7W-6534**	4	PLUG-PIPE (3/8-18 NPTF THD)	
	36	1	**0L-1143**	1	BOLT (3/8-16X2.5IN)	
	37	1	**109-0072**	2	SEAL-O-RING (40.64MM ID)	
	38	1	**8N-5543**	1	TUBE	
	39	1	**8T-6764**	2	PLUG-PIPE (1/8-27 NPTF THD)	
	40	1	**6N-1412**	1	ELBOW-BYPASS	
	41	1	**5B-9603**	1	BOLT (3/8-16X5IN)	
	42	1	**109-0076**	1	SEAL-O-RING (50.17MM ID)	
	43	1	**6N-1411**	1	ELBOW-OUTLET	
	44	1	**8T-6762**	2	PLUG-PIPE	
YR	45	1	**4W-0419**	1	CORE GP-OIL COOLER	263
R	46	1	**7C-0145**	1	CORE AS-OIL COOLER	
	47	1	**109-0077**	2	SEAL-O-RING (100.97MM ID)	

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

g00122605

COOLING SYSTEM

4N-5837 PUMP GP-WATER

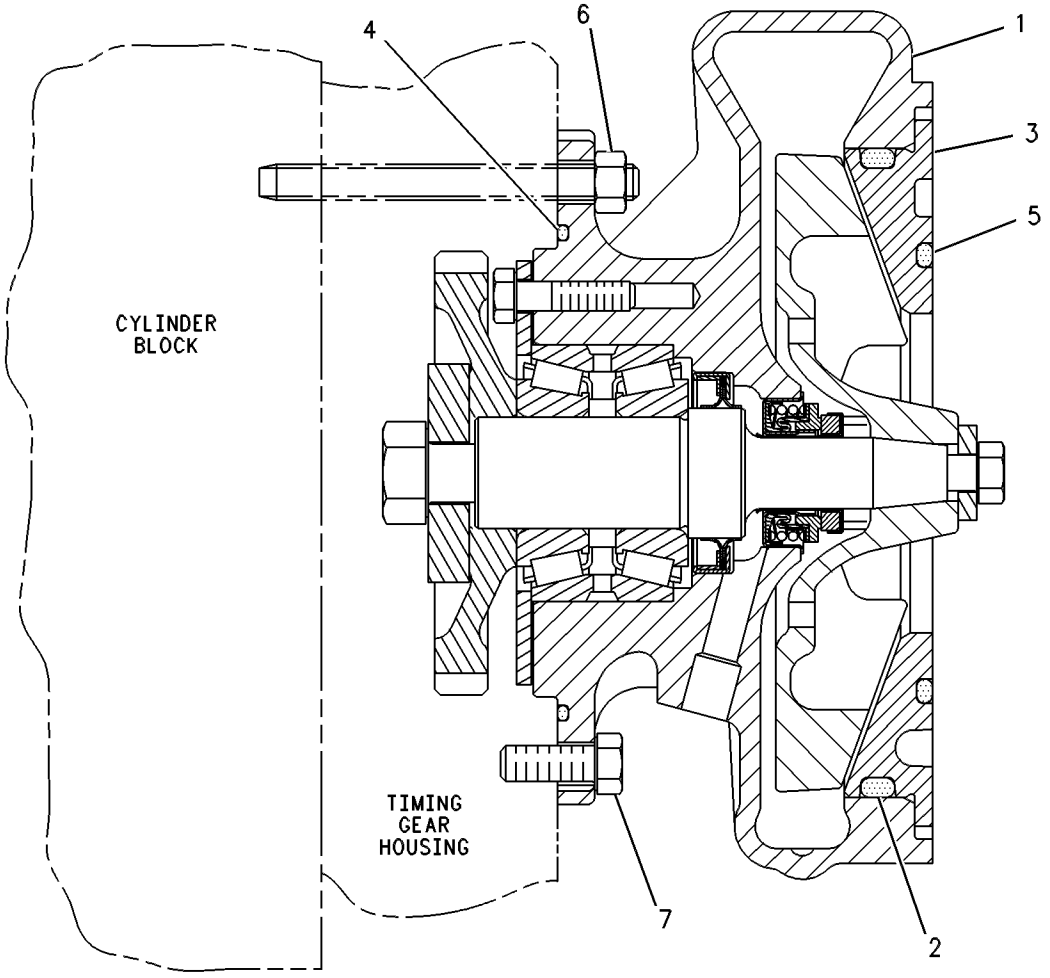
S/N 80M861-UP

PART OF 122-1117 ENGINE AR

SMCS-1361 **i01245330**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
CYR	1	1	**137-1339**	1	PUMP GP-WATER	72
	2	1	**112-1579**	1	SEAL-O-RING (158.12MM ID)	
	3	1	**101-2749**	1	ADAPTER-INLET	
	4	1	**9X-7371**	1	SEAL-O-RING (126.59MM ID)	
	5	1	**112-1580**	1	SEAL-O-RING (113.66MM ID)	
	6	1	**9S-8752**	4	NUT (3/8-16 THD)	
	7	1	**0S-1594**	1	BOLT (3/8-16X1 IN)	

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



GRAPHIC #1 g00277057

MEMORANDA

COOLING SYSTEM

137-1339 PUMP GP-WATER*R

S/N 80M861-UP

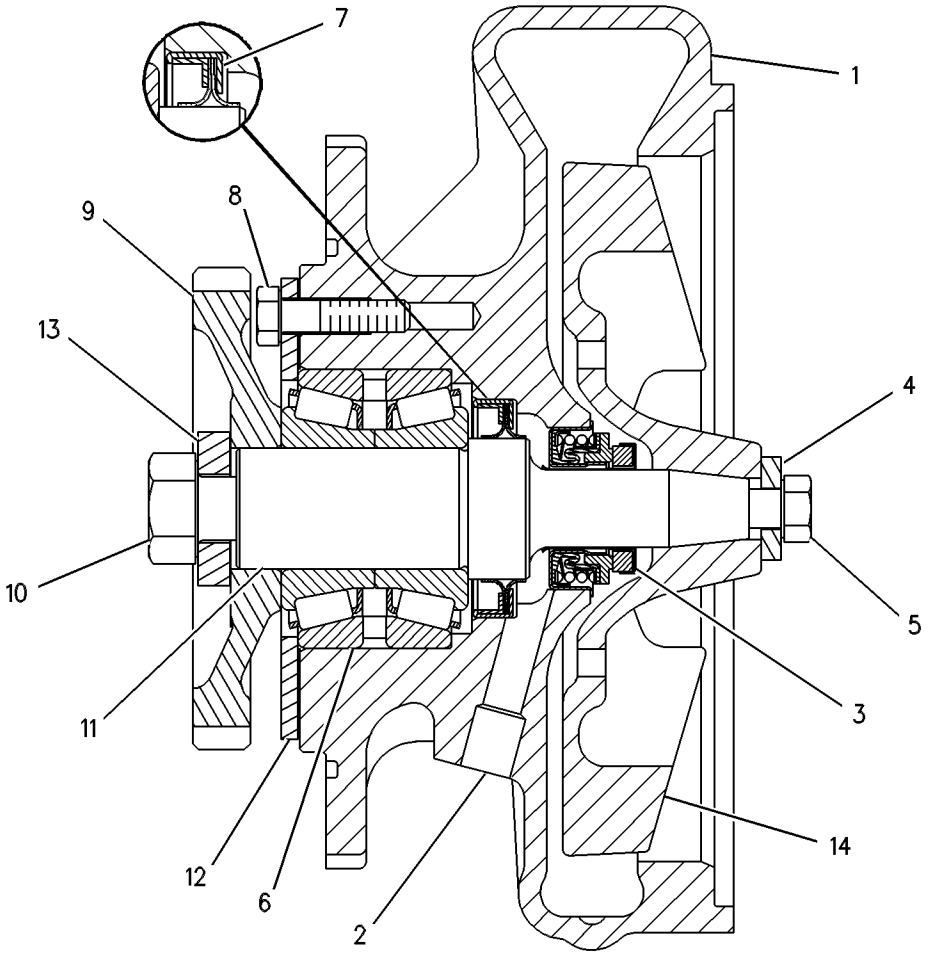
PART OF 4N-5837 PUMP GP-WATER

SMCS-1361 **i01037595**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**137-1344**	1	HOUSING AS-PUMP	
J	2	1	**111-2721**	1	FILTER (WATER PUMP)	
		1	**4M-1336**	1	FERRULE	
		1	**5H-8985**	1	PIN-SPRING	
		1	**8T-6764**	1	PLUG-PIPE (1/8-27 NPTF THD)	
J	3	1	**128-0317**	1	SEAL GP	
J	4	1	**9M-6527**	1	WASHER-HARD (5.0MM THK)	
J	5	1	**0S-1591**	1	BOLT (3/8-16X1.5IN)	
J	6	1	**108-7930**	1	BEARING AS-ROLLER	
J	7	1	**153-1256**	1	SEAL-LIP TYPE	
	8	1	**1B-7182**	4	BOLT (5/16-18X1.25IN)	
	9	1	**4N-1948**	1	GEAR (43 TEETH)	
	10	1	**1A-1135**	1	BOLT (5/8-11X2IN)	
J	11	1	**135-4928**	1	SHAFT-WATER PUMP	
J	12	1	**136-1107**	1	RETAINER	
J	13	1	**5S-0581**	1	WASHER-HARD (8MM THK)	
	14	1	**137-1970**	1	IMPELLER-PUMP	
					AVAILABLE REPAIR KIT(S):	
AJ			**138-6744**	1	KIT-PUMP REBUILD (WATER)	

A-NOT PART OF THIS GROUP
J-KIT(S) MARKED J INCLUDES PART(S) MARKED J

137-1339 PUMP GP-WATER *(contd.)* **i01037595**



GRAPHIC #1 g00277052

COOLING SYSTEM

7E-0612 RADIATOR GP

PIN 2KZ1-UP

PART OF 122-4986 INSTALLATION AR-ENGINE

SMCS-1353 **i00860507**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**7E-0613**	1	RADIATOR GP	78
	2	1	**5S-4629**	2	GASKET-VALVE	
	3	1	**5S-1213**	1	PLATE-PRESSURE VALVE	
	4	1	**5S-1211**	1	COVER-RELIEF VALVE	
M	5	1	**7X-2537**	5	BOLT (M8X1.25X35MM)	
		1	**8T-4224**	5	WASHER-HARD (2MM THK)	
	6	1	**9X-2488**	2	CLAMP-HOSE	
	7	1	**5S-1218**	1	VALVE AS-PRESSURE RELIEF	
	8	1	**9Y-9236**	1	BODY AS-GAUGE	
		1	**7M-8485**	1	SEAL-O-RING (29.74MM ID)	
E	9	1	**5P-0767**		HOSE (15.88MM ID)	
	10	1	**4P-6175**	1	BAFFLE AS-TOP	
		1	**4K-9429**	4	RIVET-POP	
	11	1	**4P-6176**	1	BAFFLE AS-TOP	
		1	**4K-9429**	6	RIVET-POP	
	12	1	**4P-6177**	1	BAFFLE AS-TOP	
		1	**4K-9429**	4	RIVET-POP	
M	13	1	**8T-4182**	10	BOLT (M10X1.5X45MM)	
	14	1	**8T-4121**	39	WASHER (2.5MM THK)	
	15	1	**4P-9418**	1	BAFFLE AS-RH	
		1	**4K-9429**	5	RIVET-POP	
	16	1	**4P-9417**	1	BAFFLE AS-LH	
		1	**4K-9429**	5	RIVET-POP	
M	17	1	**8T-4195**	9	BOLT (M10X1.50X30MM)	
Y	18	1	*1N-3599*	1	COVER GP-RADIATOR CAP (LOCKING)	62
	19	1	**9Y-0184**	2	TUBE AS	
	20	1	**4N-1418**	2	GASKET-RADIATOR INLET	
M	21	1	**8T-4196**	8	BOLT (M10X1.50X35MM)	
E	22	1	**5P-1262**	4	HOSE	
	23	1	**5P-4868**	8	CLAMP	
	24	1	**4P-6173**	1	TUBE AS	
	25	1	**4P-6174**	1	TUBE AS	
	26	1	**4P-6172**	1	TUBE AS	
	27	1	**6I-0784**	1	TUBE	
	28	1	**2S-9485**	1	GASKET	
M	29	1	**8T-4956**	4	BOLT (M12X1.75X35MM)	
	30	1	**8T-4223**	12	WASHER-HARD (3MM THK)	
E	31	1	**5P-1268**	2	HOSE (106.6MM ID)	
	32	1	**5P-1717**	4	CLAMP-HOSE	
	33	1	**8N-7257**	2	MOUNT AS	
	34	1	**7N-0959**	2	CAP	
M	35	1	**7X-2556**	4	BOLT (M16X2.0X100MM)	
		1	**9X-8257**	4	WASHER (3.50MM THK)	
	36	1	**1N-4817**	1	TUBE AS	
	37	1	**4P-8763**	2	CLAMP-MOUNTING BLOCK	
	38	1	**2M-4998**	2	CLAMP-MOUNTING BLOCK	
	39	1	**3H-8726**	4	MOUNT AS	
M	40	1	**8T-4648**	4	BOLT (M12X1.75X70MM)	
M	41	1	**8T-4198**	4	BOLT (M10X1.50X100MM)	
	42	1	**8M-7057**	1	ADAPTER-PLUG	
	43	1	**8M-7066**	1	GASKET	
	44	1	**6N-9590**	1	PLUG-DRAIN	
M	45	1	**8T-4136**	1	BOLT (M10X1.50X25MM)	
M	46	1	**8T-4185**	3	BOLT (M10X1.50X50MM)	
	47	1	**2S-3440**	1	CLAMP-HOSE	
	48	1	**8C-6872**	2	CONNECTOR	

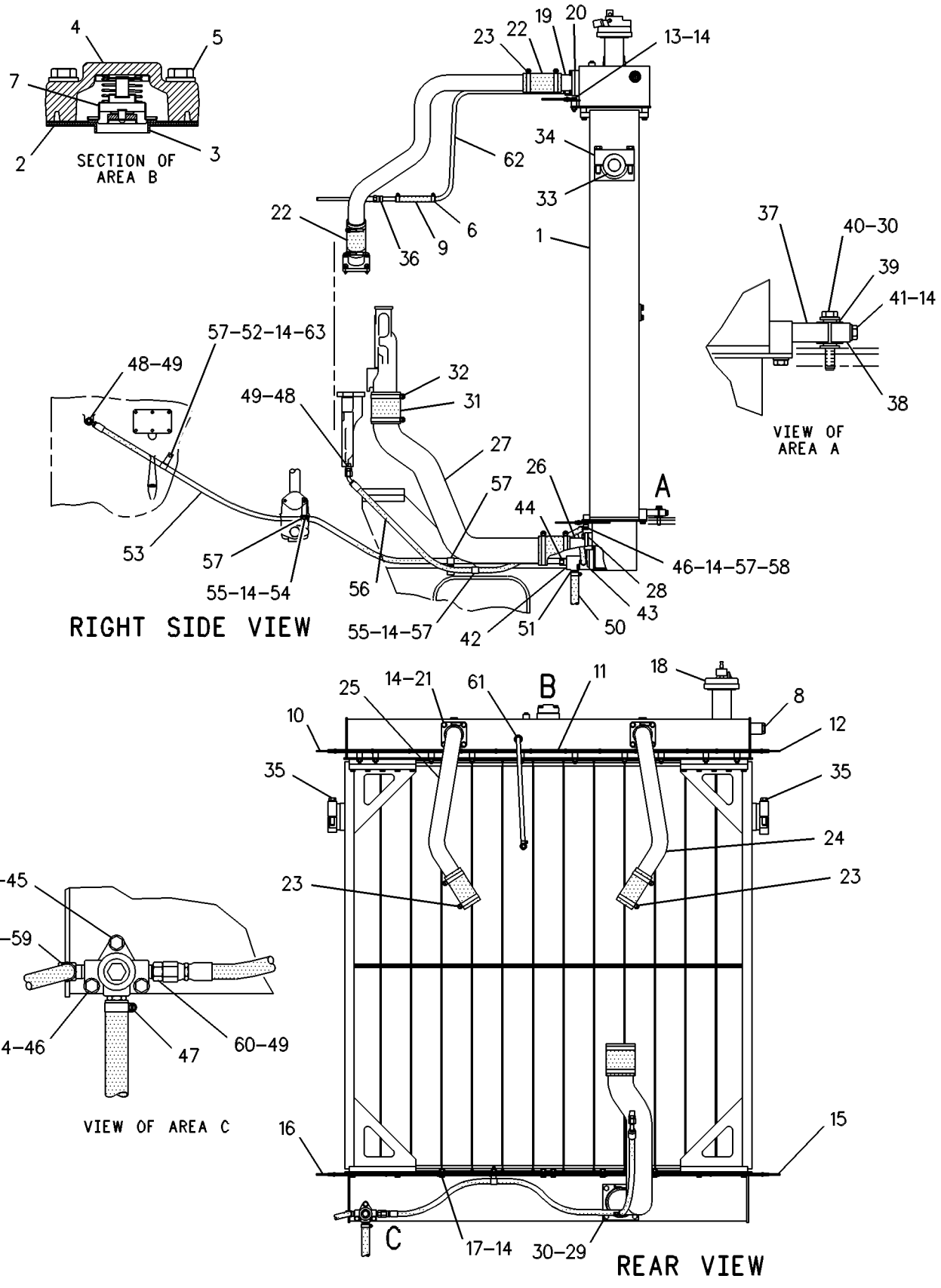
7E-0612 **RADIATOR GP** ***(contd.)***

i00860507

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	49	1	**6V-8398**	4	SEAL-O-RING (12.47MM ID)	
E	50	1	**5P-0765**		HOSE (55 CM)	
	51	1	**1H-9779**	1	CONNECTOR-HOSE	
	52	1	**8T-9377**	1	BOLT (3/8-16X2.25IN)	
I	53	1	**108-9610**	1	HOSE AS	
M	54	1	**8T-4137**	1	BOLT (M10X1.50X20MM)	
M	55	1	**8T-4133**	2	NUT (M10X1.50 THD)	
I	56	1	**4E-0915**	1	HOSE AS	
	57	1	**3S-8664**	5	CLIP (19.05MM ID)	
	58	1	**2B-0941**	1	SPACER (19MM THK)	
	59	1	**2T-2396**	1	ELBOW	
	60	1	**8C-6871**	1	CONNECTOR	
	61	1	**9M-6522**	1	CONNECTOR-FLARED	
	62	1	**101-0255**	1	TUBE AS	
	63	1	**8M-6146**	1	TUBE	

E-ORDER BY THE CENTIMETER
I-SEE HOSE FABRICATION GUIDE
M-METRIC PART
Y-SEPARATE ILLUSTRATION

7E-0612 **RADIATOR GP** *(contd.)* **i00860507**



GRAPHIC #1 g00121343

MEMORANDA

COOLING SYSTEM

7E-0613 RADIATOR GP

PIN 2KZ1-UP

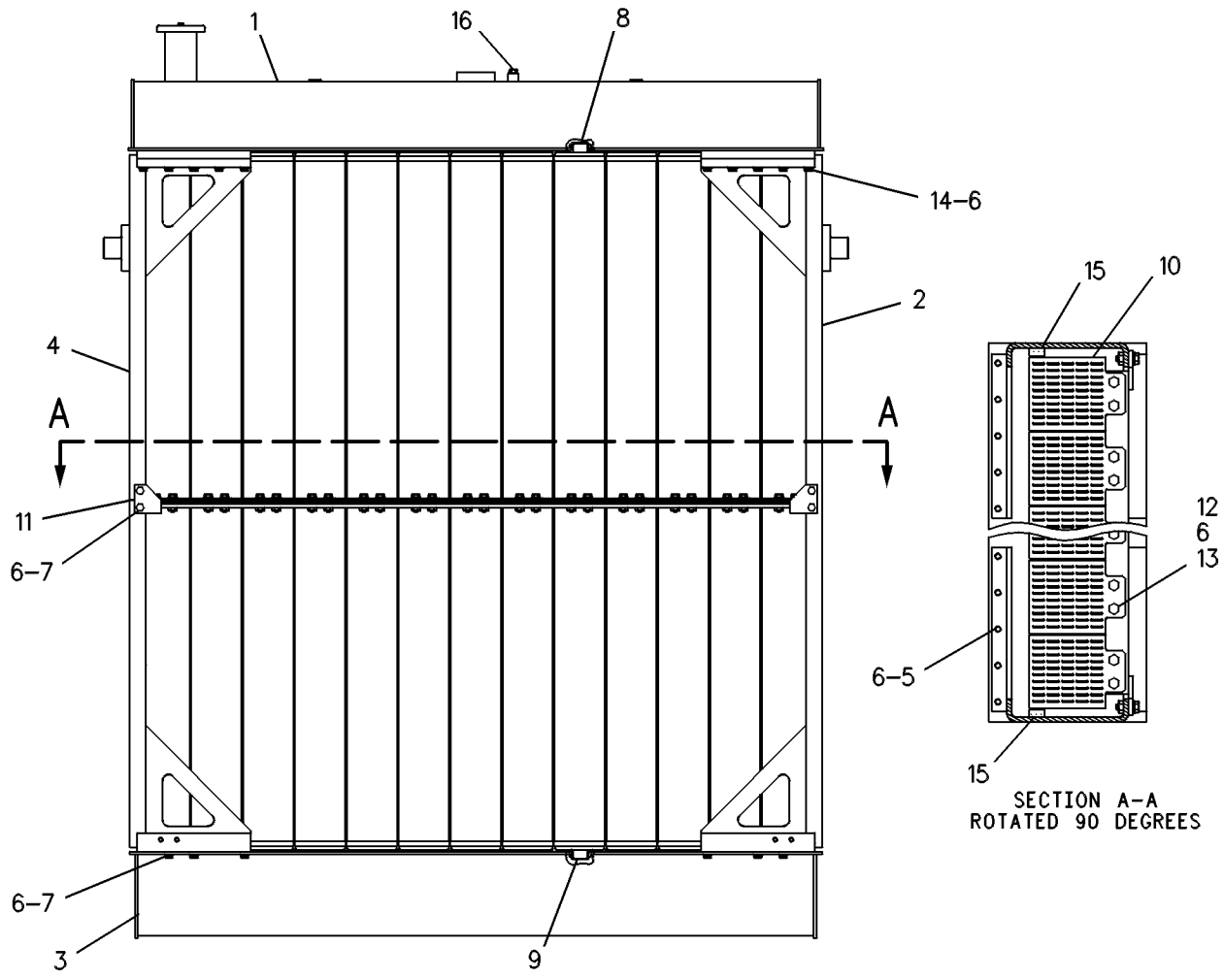
PART OF 7E-0612 RADIATOR GP

SMCS-1353 **i00174326**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4P-6179**	1	TANK AS-TOP	
M		1	**8T-3490**	12	NUT-WELD (M10X1.5 THD)	
		1	**1S-0286**	1	STUD-TAPERLOCK	
	2	1	**4P-6181**	1	CHANNEL AS	
M		1	**8T-3490**	2	NUT-WELD (M10X1.5 THD)	
	3	1	**4P-6180**	1	TANK AS-BOTTOM	
M		1	**8T-3490**	6	NUT-WELD (M10X1.5 THD)	
	4	1	**4P-6182**	1	CHANNEL AS	
M		1	**8T-3490**	2	NUT-WELD (M10X1.5 THD)	
M	5	1	**8T-4136**	10	BOLT (M10X1.50X25MM)	
	6	1	**8T-4121**	66	WASHER (2.5MM THK)	
M	7	1	**8T-4195**	10	BOLT (M10X1.50X30MM)	
	8	1	**4P-9942**	13	SEAL-END TANK	
	9	1	**4P-9943**	13	SEAL-END TANK	
	10	1	**4P-6563**	13	CORE AS-RADIATOR	
	11	1	**4P-9577**	1	PLATE AS	
M	12	1	**8T-3490**	26	NUT-WELD (M10X1.5 THD)	
M	13	1	**8T-4196**	26	BOLT (M10X1.50X35MM)	
M	14	1	**8T-4186**	20	BOLT (M10X1.50X40MM)	
D	15	1	**5P-5931**		SEAL (2.31M)	
	16	1	**8T-6764**	1	PLUG-PIPE (1/8-27 NPTF THD)	

D-ORDER BY THE METER
M-METRIC PART

7E-0613 RADIATOR GP *(contd.)* i00174326



GRAPHIC #1 g00120131

AIR INLET AND EXHAUST SYSTEM

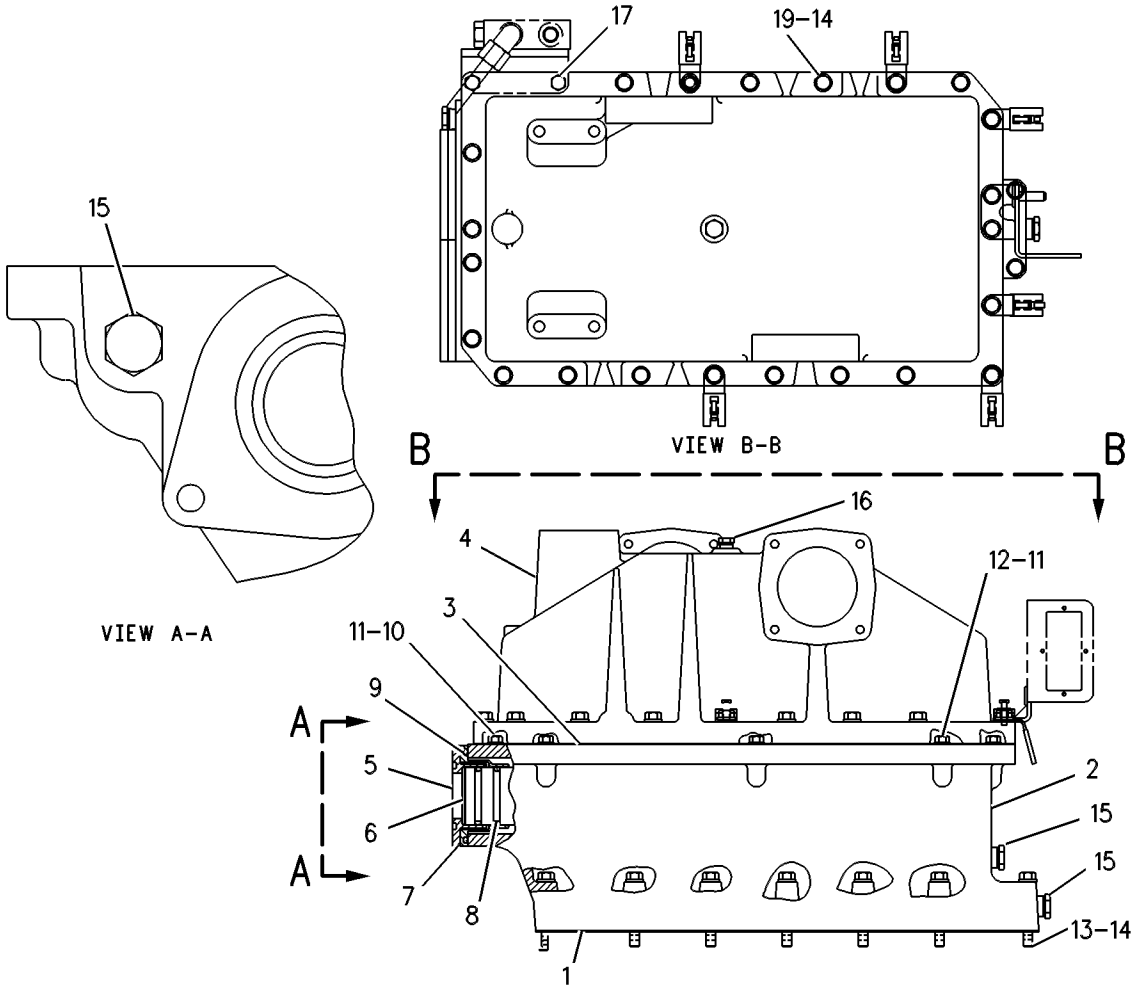
122-9520 AFTERCOOLER GP-WATER

S/N 80M861-UP

PART OF 122-1117 ENGINE AR

SMCS-1063 **i00191257**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4N-2564**	1	GASKET-AFTERCOOLER	
	2	1	**4N-8472**	1	HOUSING-AFTERCOOLER	
	3	1	**4N-8628**	1	GASKET	
	4	1	**7N-9668**	1	COVER-AFTERCOOLER	
	5	1	**2W-6686**	2	ADAPTER	
	6	1	**2W-6593**	1	CORE AS-AFTERCOOLER	
	7	1	**4N-5788**	2	ADAPTER	
	8	1	**109-0076**	4	SEAL-O-RING (50.17MM ID)	
	9	1	**112-8186**	2	SEAL-O-RING (88.26MM ID)	
	10	1	**0S-1617**	1	BOLT (5/16-18X.75IN)	
	11	1	**9M-1974**	8	WASHER-HARD (2MM THK)	
	12	1	**1B-7182**	7	BOLT (5/16-18X1.25IN)	
	13	1	**0T-0573**	14	BOLT (3/8-16X2.75IN)	
	14	1	**5M-2894**	36	WASHER (2.5MM THK)	
	15	1	**7W-6492**	3	PLUG-PIPE (1/2-14'NPTF'THD)	
	16	1	**8T-6765**	1	PLUG-PIPE (1/4-18 NPTF THD)	
	17	1	**0L-1143**	2	BOLT (3/8-16X2.5IN)	
	18	1	**0S-1590**	2	BOLT (3/8-16X2IN)	
	19	1	**0S-1571**	20	BOLT (3/8-16X1.75IN)	



GRAPHIC #1 g00121306

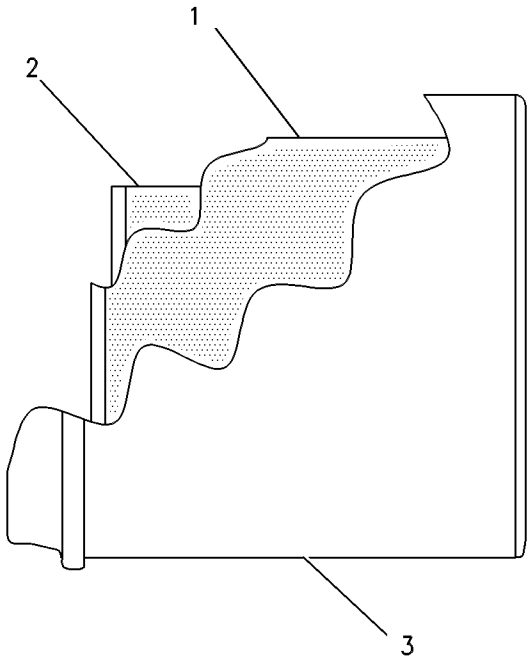
6I-2586 AIR CLEANER GP

PIN 2KZ1-UP

PART OF 6N-0184 AIR CLEANER GP

SMCS-1051, 1054 **i01043341**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6I-2505**	1	FILTER ELEMENT AS-AIR (PRIMARY)	
	2	1	**6I-2506**	1	FILTER ELEMENT AS-AIR (SECONDARY)	
	3	1	**6I-4465**	1	COVER AS-AIR CLEANER	
		1	**101-2850**	1	FILM-AIR CLEANER	



GRAPHIC #1 g00276997

AIR INLET AND EXHAUST SYSTEM

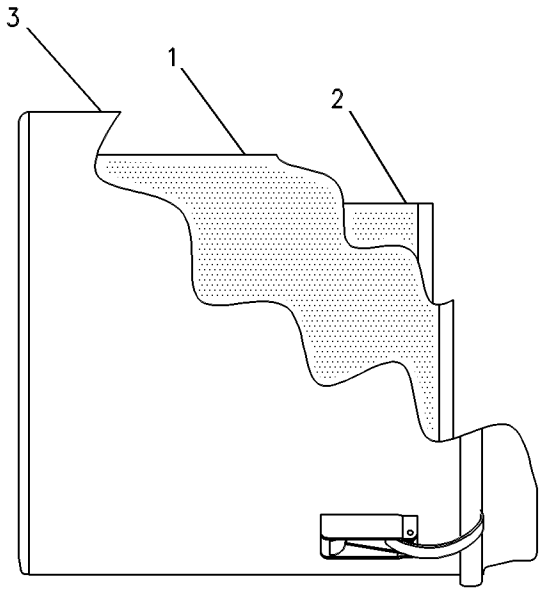
6I-2588 AIR CLEANER GP

PIN 2KZ1-UP

PART OF 6N-0184 AIR CLEANER GP

SMCS-1051, 1054 **i01037598**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6I-2505**	1	FILTER ELEMENT AS-AIR (PRIMARY)	
	2	1	**6I-2506**	1	FILTER ELEMENT AS-AIR (SECONDARY)	
	3	1	**6I-4465**	1	COVER AS-AIR CLEANER	
		1	**101-2850**	1	FILM-AIR CLEANER	



GRAPHIC #1 g00276998

AIR INLET AND EXHAUST SYSTEM

6N-0184 AIR CLEANER GP

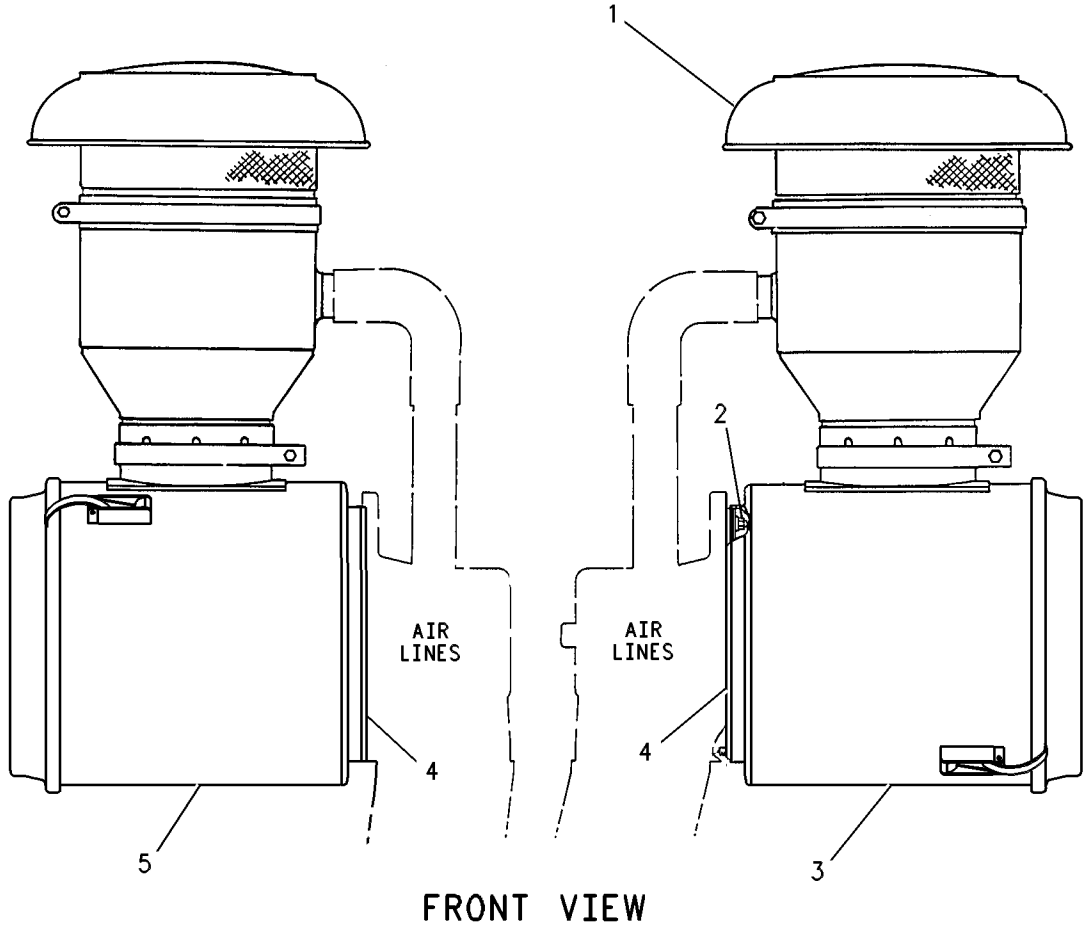
PIN 2KZ1-UP

PART OF 122-4986 INSTALLATION AR-ENGINE

SMCS-1051, 1054 **i01231843**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
CY	1	1	**7N-5974**	2	PRECLEANER GP	94
	2	1	**2K-4973**	20	LOCKNUT (3/8-16 THD)	
CY	3	1	**6I-2588**	1	AIR CLEANER GP (RH)	82
	4	1	**1P-9390**	2	GASKET-OUTLET	
CY	5	1	**6I-2586**	1	AIR CLEANER GP (LH)	81

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00277047

AIR INLET AND EXHAUST SYSTEM

136-8316 CARTRIDGE GP-TURBOCHARGER

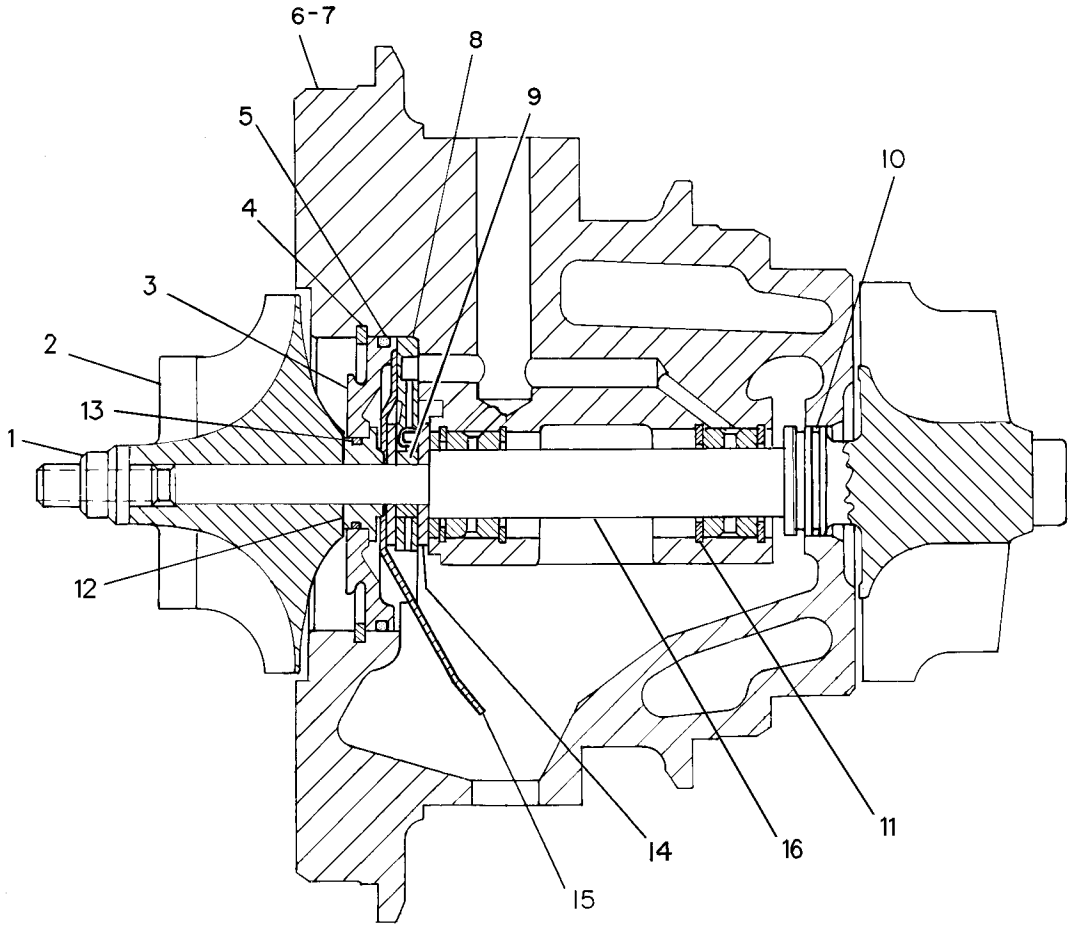
S/N 80M861-UP

PART OF 136-8315 TURBOCHARGER GP

SMCS-1053 **i00198572**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4W-7342**	1	NUT	
	2	1	**136-8318**	1	WHEEL-COMPRESSOR	
	3	1	**5S-4556**	1	INSERT	
	4	1	**5S-4546**	1	RING-RETAINING	
	5	1	**5P-5757**	1	SEAL-O-RING	
	6	1	**4P-7503**	1	HOUSING AS	
	7	1	**5S-5199**	1	PIN-GROOVED	
	8	1	**4N-7597**	1	BEARING AS	
	9	1	**4W-7352**	1	SLEEVE-SPACER	
	10	1	**4W-7354**	1	RING-PISTON (SEAL-PISTON RING)	
	11	1	**9M-8915**	4	RING-RETAINING	
	12	1	**4W-7349**	1	SLEEVE-FLINGER	
	13	1	**4M-8013**	1	RING-PISTON	
	14	1	**4W-7346**	2	RING-THRUST	
	15	1	**5S-4549**	1	DEFLECTOR-OIL	
	16	1	**136-8317**	1	SHAFT AS-TURBINE	
					AVAILABLE REPAIR KIT(S):	
			4W-7344	1	KIT-BEARING	
					(INCLUDES BEARINGS, WASHERS & SNAP RINGS)	

136-8316 CARTRIDGE GP-TURBOCHARGER *(contd.)* i00198572



GRAPHIC #1 g00083900

AIR INLET AND EXHAUST SYSTEM

1N-4368 DUST EJECTOR GP

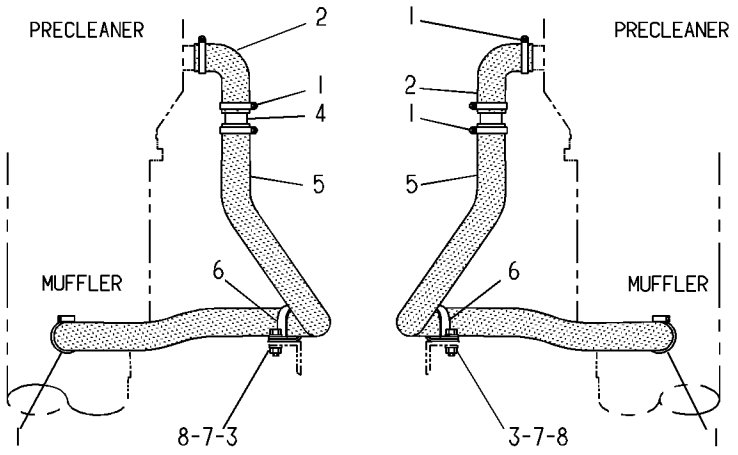
PIN 2KZ1-UP

PART OF 122-4986 INSTALLATION AR-ENGINE

SMCS-1068 **i00174437**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	**5P-0597**	8	CLAMP	
BE	2	1	**7L-8227**	2	HOSE	
	3	1	**4L-9337**	2	BOLT (3/8-16X1.50IN)	
C	4	1	**1S-1668**	2	TUBE-BYPASS	
CBE	5	1	**5P-1471**		HOSE	
C	6	1	**5P-4325**	2	CLIP (54MM ID)	
	7	1	**8T-4896**	4	WASHER-HARD (2.5MM THK)	
	8	1	**6V-8801**	2	NUT (3/8-16 THD)	

B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
E-ORDER BY THE CENTIMETER



GRAPHIC #1 g00118468

AIR INLET AND EXHAUST SYSTEM

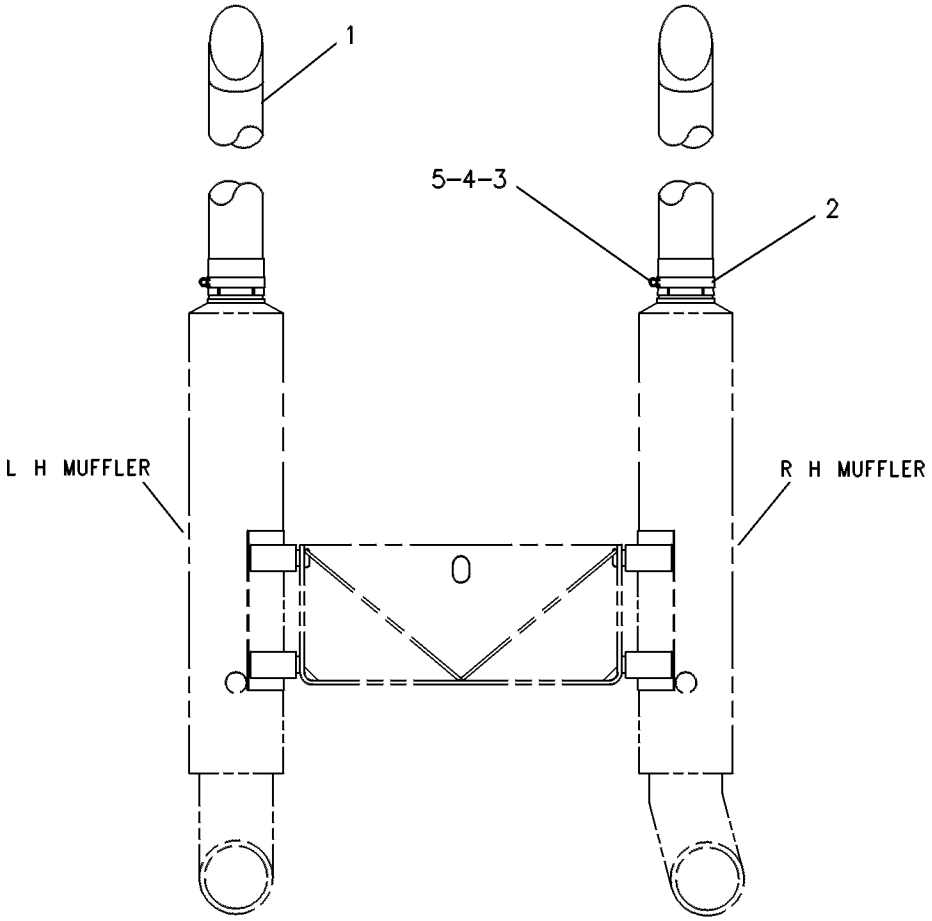
106-8960 EXTENSION GP-EXHAUST

PIN 2KZ1-UP

PART OF 122-4986 INSTALLATION AR-ENGINE

SMCS-1061 **i00173975**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7N-0246**	2	PIPE-EXTENSION	
	2	1	**4P-0659**	2	CLAMP	
	3	1	**0L-1352**	2	BOLT (3/8-16X3.25IN)	
	4	1	**1B-5355**	2	NUT-FULL (3/8-16THD)	
	5	1	**5M-2894**	4	WASHER (2.5MM THK)	



GRAPHIC #1 g00120117

AIR INLET AND EXHAUST SYSTEM

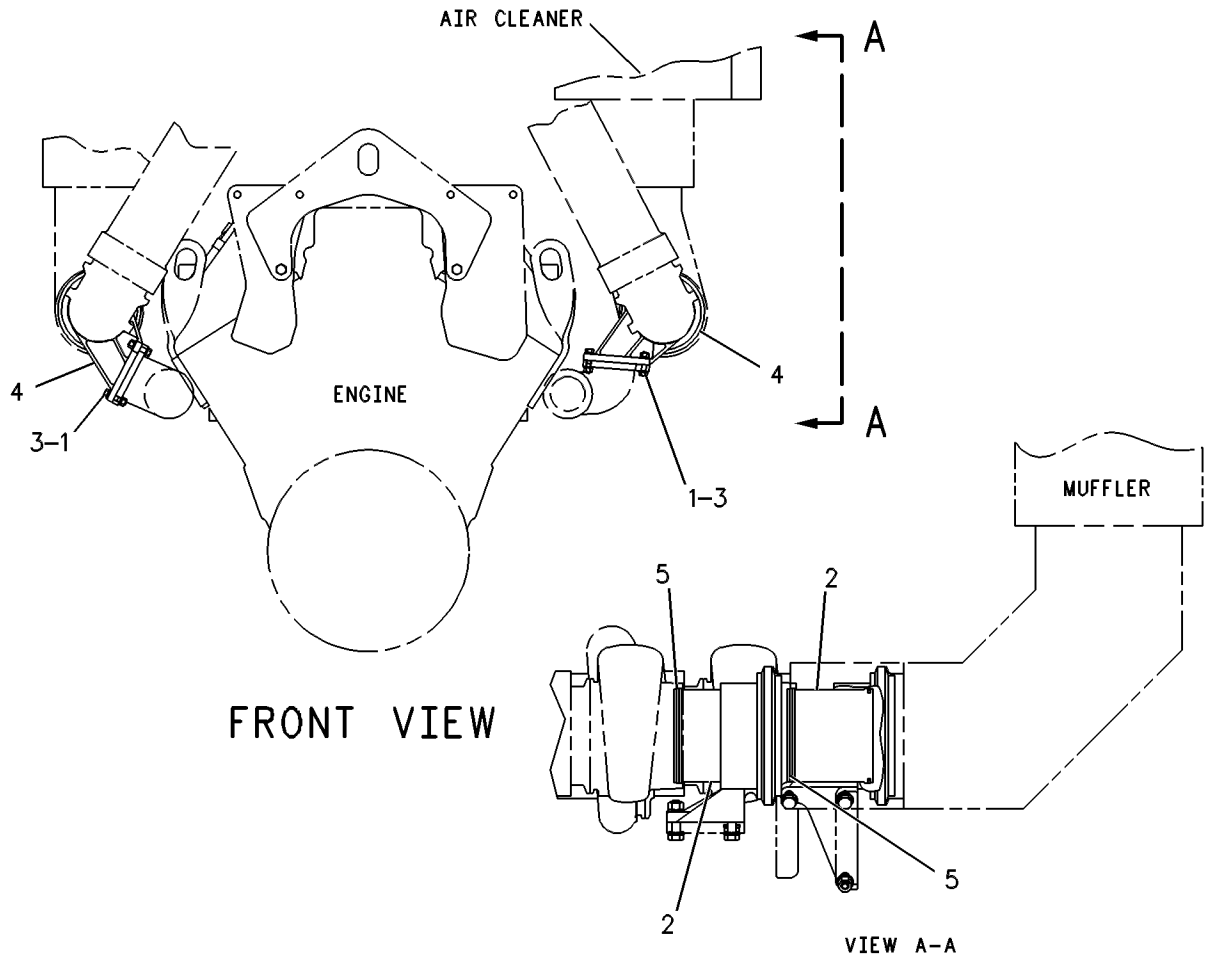
6I-4659 LINES GP-AIR

S/N 80M861-UP

PART OF 122-1117 ENGINE AR

SMCS-1071 **i00112060**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**2N-2765**	6	BOLT-HIGH TEMPERATURE	
	2	1	**4N-1157**	2	COUPLING-EXHAUST	
	3	1	**1B-5355**	6	NUT-FULL (3/8-16THD)	
	4	1	**1N-3113**	2	SUPPORT-ELBOW	
	5	1	**5L-8854**	4	RING-SEALING	



GRAPHIC #1 g00087444

AIR INLET AND EXHAUST SYSTEM

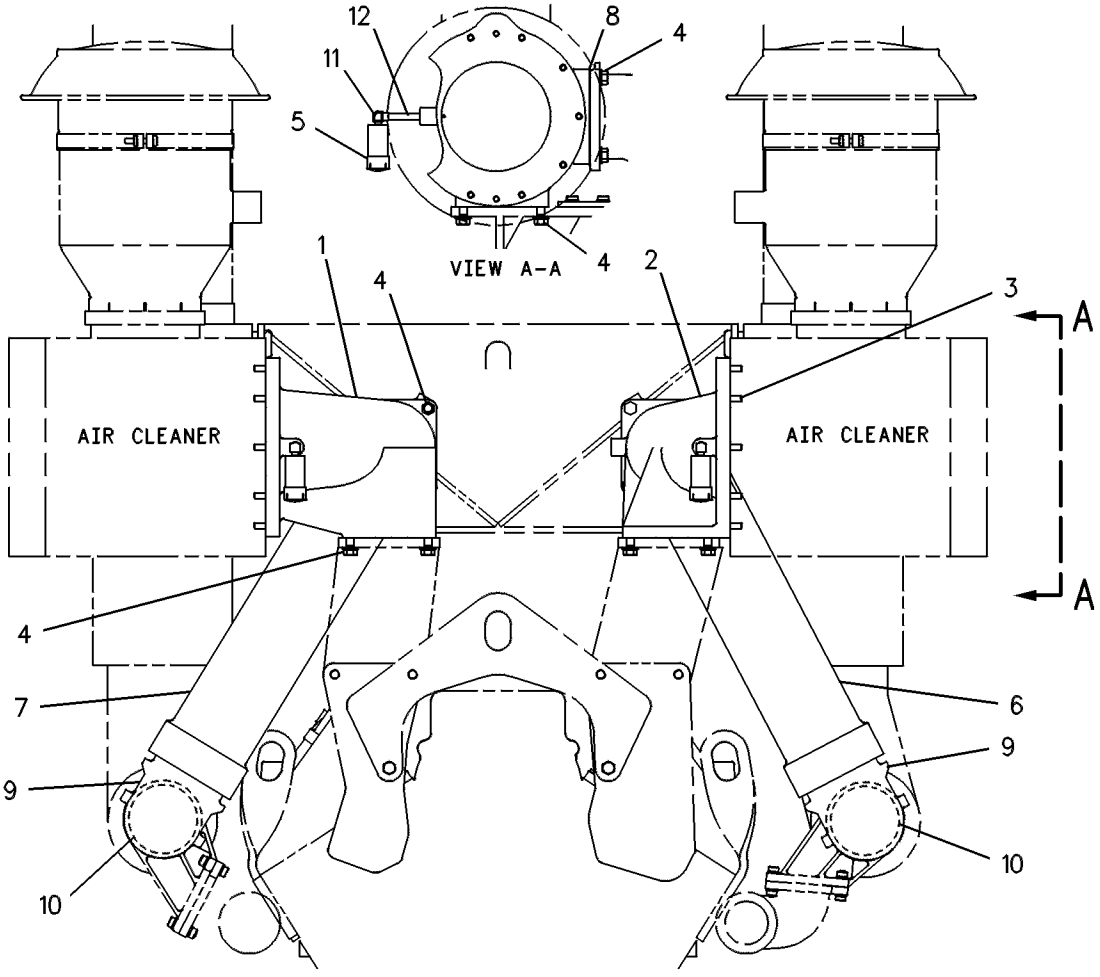
117-3151 LINES GP-AIR

PIN 2KZ1-UP

PART OF 122-4986 INSTALLATION AR-ENGINE

SMCS-1071 **i00188272**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4P-6517**	1	ADAPTER AS-AIR CLEANER	
		1	**2M-1538**	10	STUD-TAPERLOCK	
		1	**7M-1674**	1	ELEMENT-FILTER	
	2	1	**2P-1304**	1	PLUG-SEAL (1/8-27 THD)	
		1	**2W-0135**	1	ADAPTER-AIR CLEANER-LH	
		1	**7M-1674**	1	ELEMENT-FILTER	
	3	1	**9M-2151**	10	STUD-TAPERLOCK (3/8-16X1.38IN)	
	4	1	**5P-2566**	16	BOLT (1/2-13X1.50IN)	
		1	**8T-4223**	16	WASHER-HARD (3MM THK)	
	5	1	**1W-0613**	2	INDICATOR-AIR FILTER SERVICE	
	6	1	**117-3157**	1	PIPE AS (AIR TRANSFER-LH)	
	7	1	**117-3152**	1	PIPE AS (AIR TRANSFER-RH)	
	8	1	**6B-0002**	2	GASKET	
	9	1	**4N-8522**	2	ELBOW	
	10	1	**2M-5173**	8	SEAL-O-RING	
	11	1	**3B-6552**	2	ELBOW	
	12	1	**3B-7285**	2	NIPPLE-PIPE	



GRAPHIC #1 g00120123

AIR INLET AND EXHAUST SYSTEM

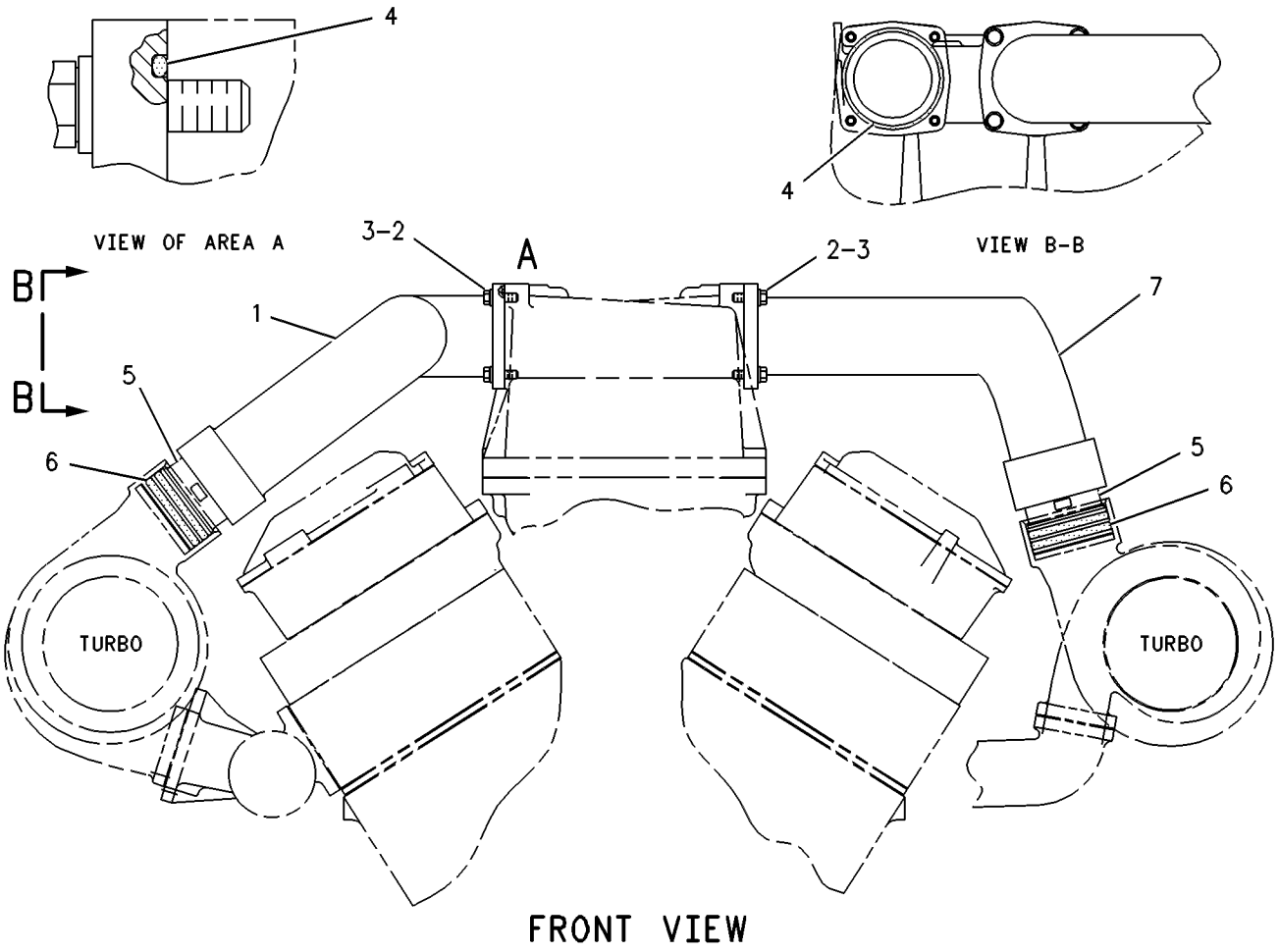
122-4306 LINES GP-AIR

S/N 80M861-UP

PART OF 122-1117 ENGINE AR

SMCS-1071 **i00190687**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**118-3535**	1	PIPE-TURBOCHARGER OUTLET	
	2	1	**0S-1588**	8	BOLT (3/8-16X1.25IN)	
	3	1	**5M-2894**	8	WASHER (2.5MM THK)	
	4	1	**6V-6353**	2	SEAL-O-RING (101.19MM ID)	
	5	1	**4W-0951**	2	COUPLER-O-RING (94MM OD)	
	6	1	**4L-8337**	8	SEAL-O-RING (81MM ID)	
	7	1	**112-8249**	1	TUBE AS-OUTLET	



GRAPHIC #1 g00121296

AIR INLET AND EXHAUST SYSTEM

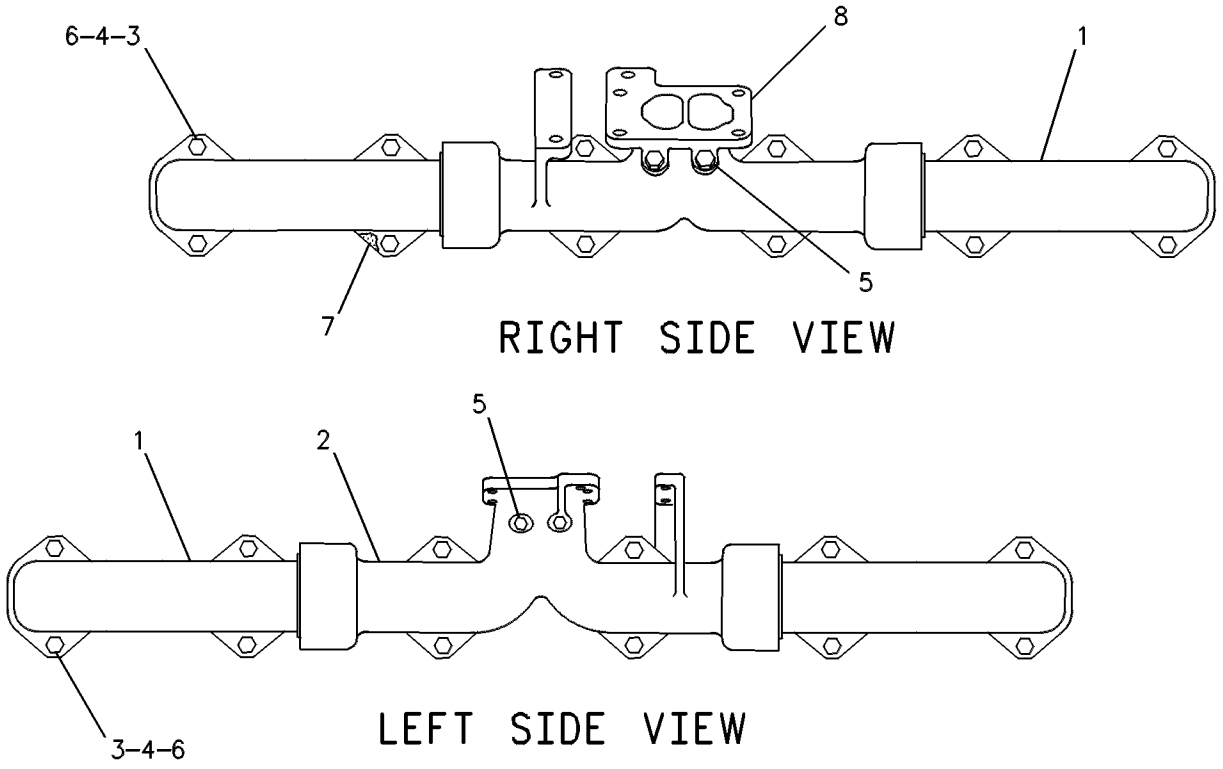
108-4740 MANIFOLD GP-EXHAUST

S/N 80M861-UP

PART OF 122-1117 ENGINE AR

SMCS-1059 **i00111755**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**107-8106**	4	MANIFOLD-EXHAUST (END)	
	2	1	**112-8247**	1	MANIFOLD-EXHAUST (CENTER-LH)	
	3	1	**2N-2766**	24	LOCKNUT (3/8-16 NPTF THD)	
	4	1	**5M-2894**	24	WASHER (2.5MM THK)	
	5	1	**3E-7428**	4	PLUG-PIPE	
	6	1	**108-3612**	24	SPACER (53MM THK)	
	7	1	**129-9452**	12	GASKET-EXHAUST MANIFOLD	
	8	1	**112-8248**	1	MANIFOLD-EXHAUST (CENTER-RH)	



GRAPHIC #1 g00084766

AIR INLET AND EXHAUST SYSTEM

122-4985 MUFFLER GP

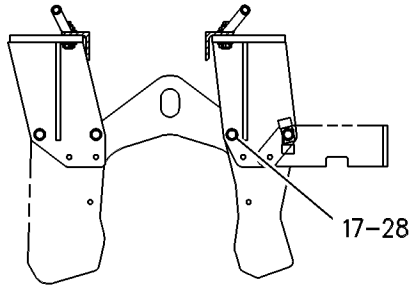
PIN 2KZ1-UP

PART OF 122-4986 INSTALLATION AR-ENGINE

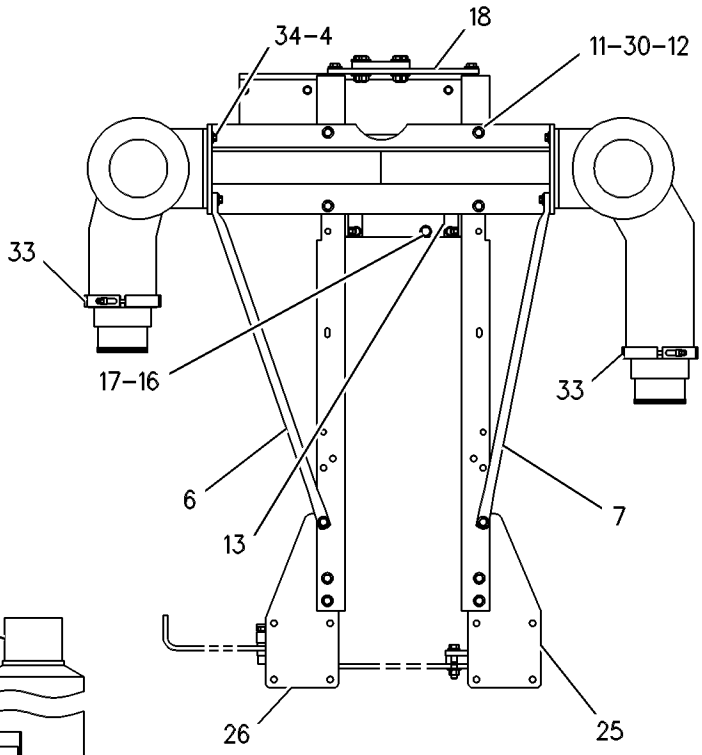
SMCS-1062 **i00190700**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**122-4989**	1	MUFFLER AS-LH	
	2	1	**122-4990**	1	MUFFLER AS-RH	
	3	1	**4P-6516**	1	SUPPORT AS	
M	4	1	**8T-4182**	6	BOLT (M10X1.5X45MM)	
	5	1	**8T-4121**	16	WASHER (2.5MM THK)	
	6	1	**4P-8547**	1	BRACKET	
	7	1	**4P-8548**	1	BRACKET	
M	8	1	**8T-6466**	4	BOLT (M10X1.50X60MM)	
	9	1	**8T-2502**	3	BOLT (3/8-16X1.13IN)	
	10	1	**4P-8539**	2	ANGLE AS	
M	11	1	**8T-4186**	8	BOLT (M10X1.50X40MM)	
M	12	1	**8T-4133**	18	NUT (M10X1.50 THD)	
	13	1	**7W-4165**	2	ANGLE	
M	14	1	**8T-4196**	8	BOLT (M10X1.50X35MM)	
	15	1	**7W-4166**	1	PLATE	
	16	1	**5P-2566**	4	BOLT (1/2-13X1.50IN)	
	17	1	**8T-4223**	8	WASHER-HARD (3MM THK)	
	18	1	**4P-8545**	1	PLATE	
M	19	1	**8T-0348**	2	BOLT-SOCKET HEAD (M16X2X50MM)	
	20	1	**9X-8268**	2	WASHER (3MM THK)	
	21	1	**5P-1076**	10	WASHER-HARD (4MM THK)	
	22	1	**5S-7383**	4	BOLT (3/8-16X1.75IN)	
M	23	1	**8T-4244**	4	NUT (M12X1.75 THD)	
M	24	1	**8T-4194**	6	BOLT (M12X1.75X50MM)	
	25	1	**117-9651**	1	SUPPORT AS-AIR CLEANER	
	26	1	**117-9652**	1	SUPPORT AS-AIR CLEANER	
	27	1	**7X-0732**	2	WASHER-HARD	
	28	1	**8T-8917**	4	BOLT (1/2-13X1.25IN)	
M	29	1	**6V-7673**	2	BOLT (M12X1.75X50MM)	
	30	1	**7X-7729**	20	WASHER (3MM THK)	
	31	1	**8T-4896**	7	WASHER-HARD (2.5MM THK)	
	32	1	**130-3653**	1	PLATE AS (1/2-13X1.25IN)	
	33	1	**8N-4401**	2	CLAMP	
	34	1	**8T-4897**	6	WASHER (6MM THK)	
M	35	1	**8T-0360**	2	BOLT (M20X2.5X90 MM)	
	36	1	**8T-3282**	2	WASHER-HARD (3.5MM THK)	
	37	1	**7D-1649**	4	WASHER (5.0MM THK)	
M	38	1	**6V-8149**	2	NUT (M12X1.75 THD)	
	39	1	**129-6680**	1	EYE-LIFTING	
	40	1	**129-6681**	1	BLOCK	

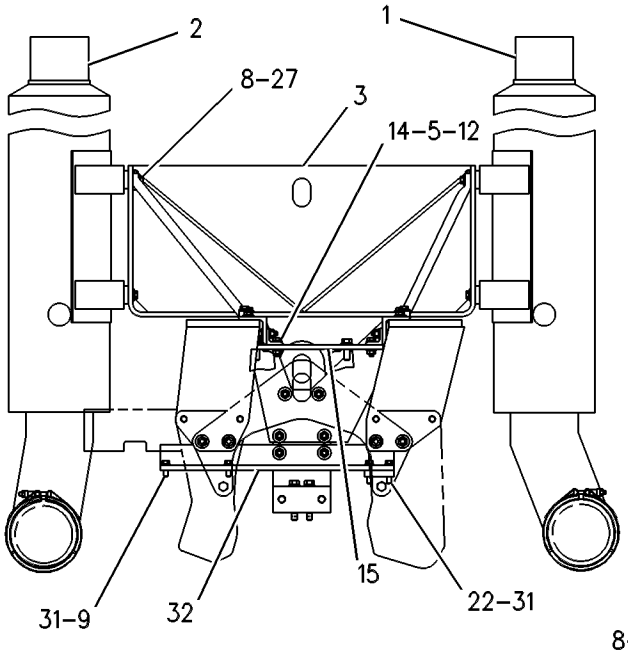
M-METRIC PART



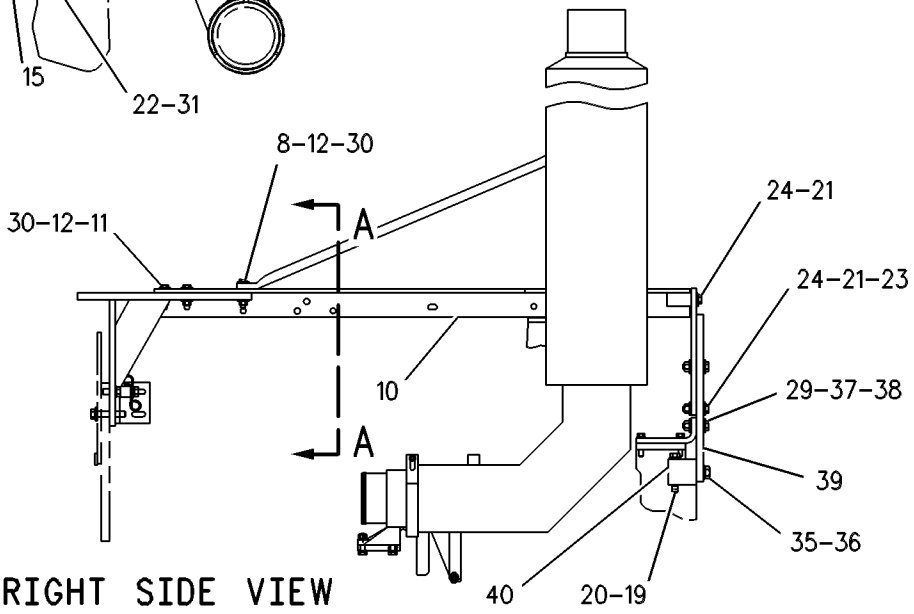
SECTION A-A



TOP VIEW



REAR VIEW



RIGHT SIDE VIEW

GRAPHIC #1 g00121299

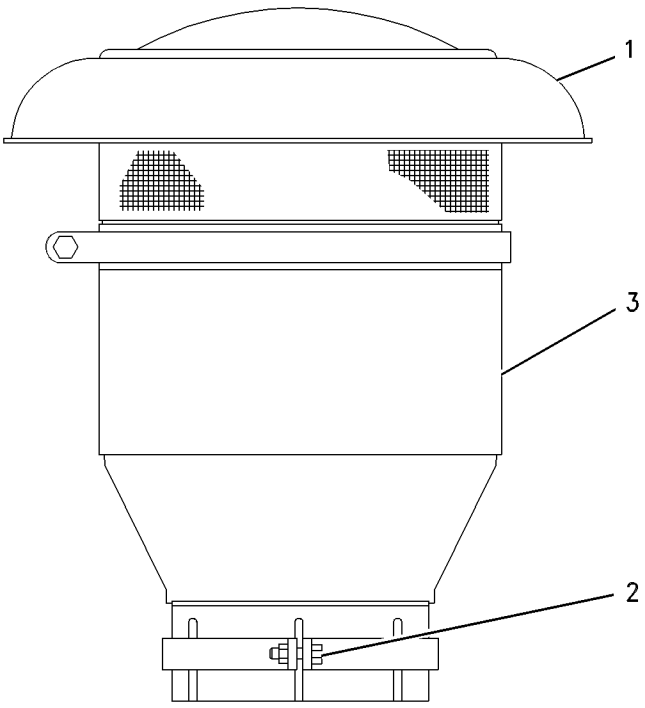
AIR INLET AND EXHAUST SYSTEM

7N-5974 PRECLEANER GP

PIN 2KZ1-UP
179 MM INLET
PART OF 6N-0184 AIR CLEANER GP

SMCS-1055 **i01085993**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7S-3687**	1	HOOD AS	
		1	**0S-1591**	1	BOLT (3/8-16X1.5IN)	
		1	**6V-8801**	1	NUT (3/8-16 THD)	
	2	1	**0S-1591**	1	BOLT (3/8-16X1.5IN)	
		1	**1D-4717**	1	NUT (3/8-16 THD)	
	3	1	**7N-5973**	1	BODY AS-PRECLEANER	



GRAPHIC #1 g00494193

AIR INLET AND EXHAUST SYSTEM

122-3740 TURBOCHARGER GP

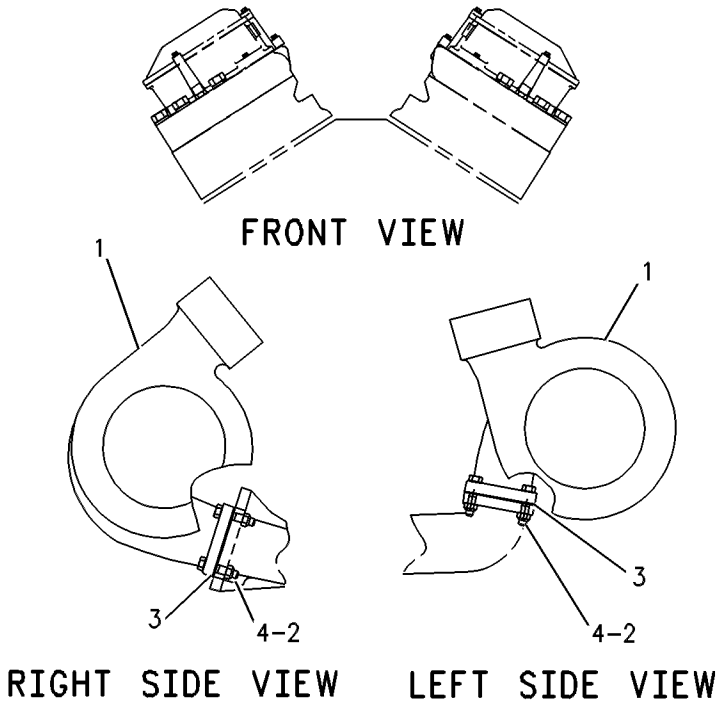
S/N 80M861-UP

PART OF 122-1117 ENGINE AR

SMCS-1052, 1053 **i00548796**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**136-8315**	2	TURBOCHARGER GP	96
	2	1	**2N-2765**	8	BOLT-HIGH TEMPERATURE (3/8 NC X 1-3/4)	
	3	1	**1S-4295**	2	GASKET-TURBOCHARGER	
	4	1	**2N-2766**	8	LOCKNUT (3/8-16 NPTF THD)	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00086546

AIR INLET AND EXHAUST SYSTEM

136-8315 TURBOCHARGER GP

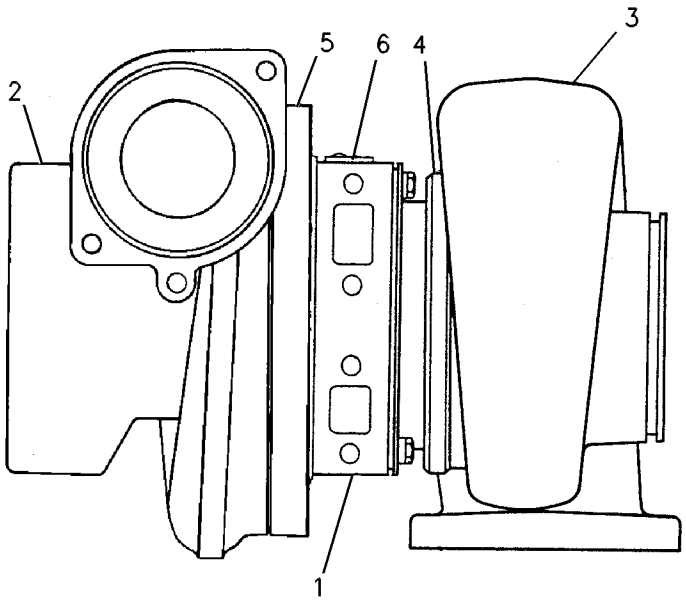
S/N 80M861-UP

PART OF 122-3740 TURBOCHARGER GP

SMCS-1052, 1053 **i00553701**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
YR	1	1	**136-8316**	1	CARTRIDGE GP-TURBOCHARGER	84
	2	1	**4P-9301**	1	HOUSING-COMPRESSOR	
	3	1	**4P-9302**	1	HOUSING-TURBINE	
	4	1	**5S-4517**	1	CLAMP AS (HOUSING) (141.9MM ID)	
	5	1	**7W-7778**	1	CLAMP AS (205MM ID)	
	6	1	**4N-8155**	1	PLATE-TURBOCHARGER INFORMATION	
		1	**8H-3710**	2	SCREW-TAPPING	

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00086548

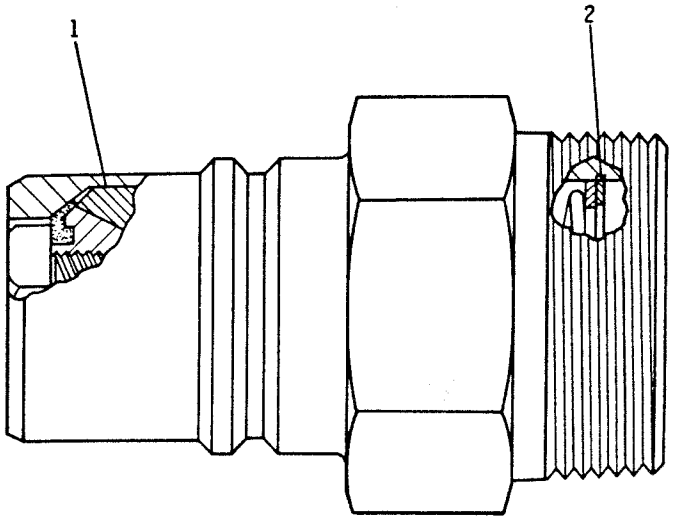
2G-9000 ADAPTER GP-FAST FILL FUEL

PIN 2KZ1-UP

PART OF 9U-2909 ADAPTER GP-FAST FILL FUEL

SMCS-1710 **i00096217**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**2G-8957**	1	PLUNGER	
	2	1	**5P-8233**	1	RING-RETAINING	



GRAPHIC #1 g00081636

FUEL SYSTEM

9U-2909 ADAPTER GP-FAST FILL FUEL

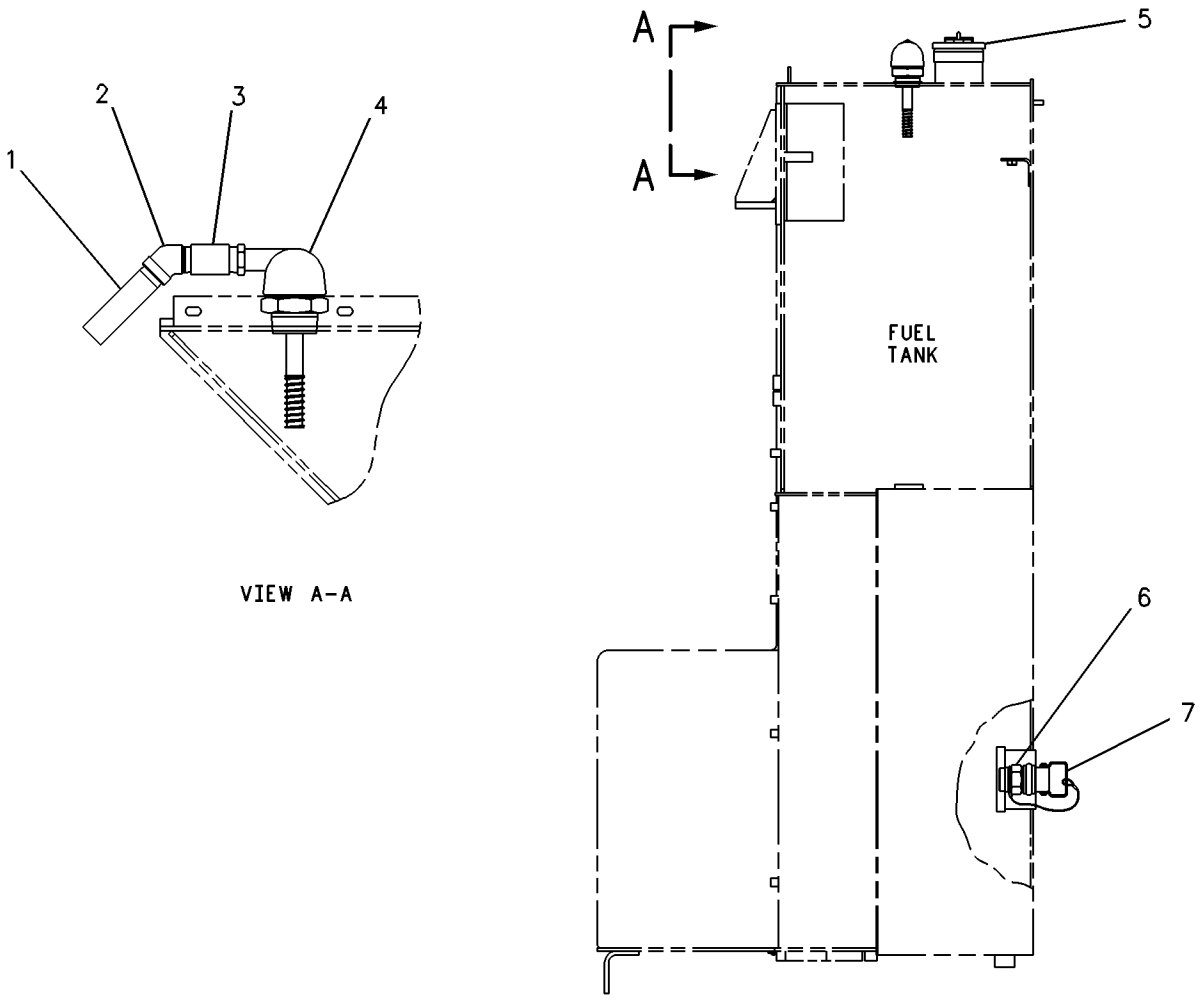
PIN 2KZ1-UP

PART OF 152-9751 GENERAL AR

SMCS-1710 **i00808664**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9F-0440**	1	PIPE	
	2	1	**002-5743**	1	ELBOW	
	3	1	**3B-6491**	1	COUPLING-PIPE	
	4	1	**5V-6106**	1	VENT AS	
	5	1	**101-8909**	1	CAP AS-FUEL TANK FILLER	
		1	**9X-8600**	1	SEAL-O-RING (110.49MM ID)	
Y	6	1	**2G-9000**	1	ADAPTER GP-FAST FILL FUEL	97
	7	1	**9D-0630**	1	COVER-DUST	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00119843

MEMORANDA

125-3430 DRIVE GP-UNIT INJ HYD PUMP

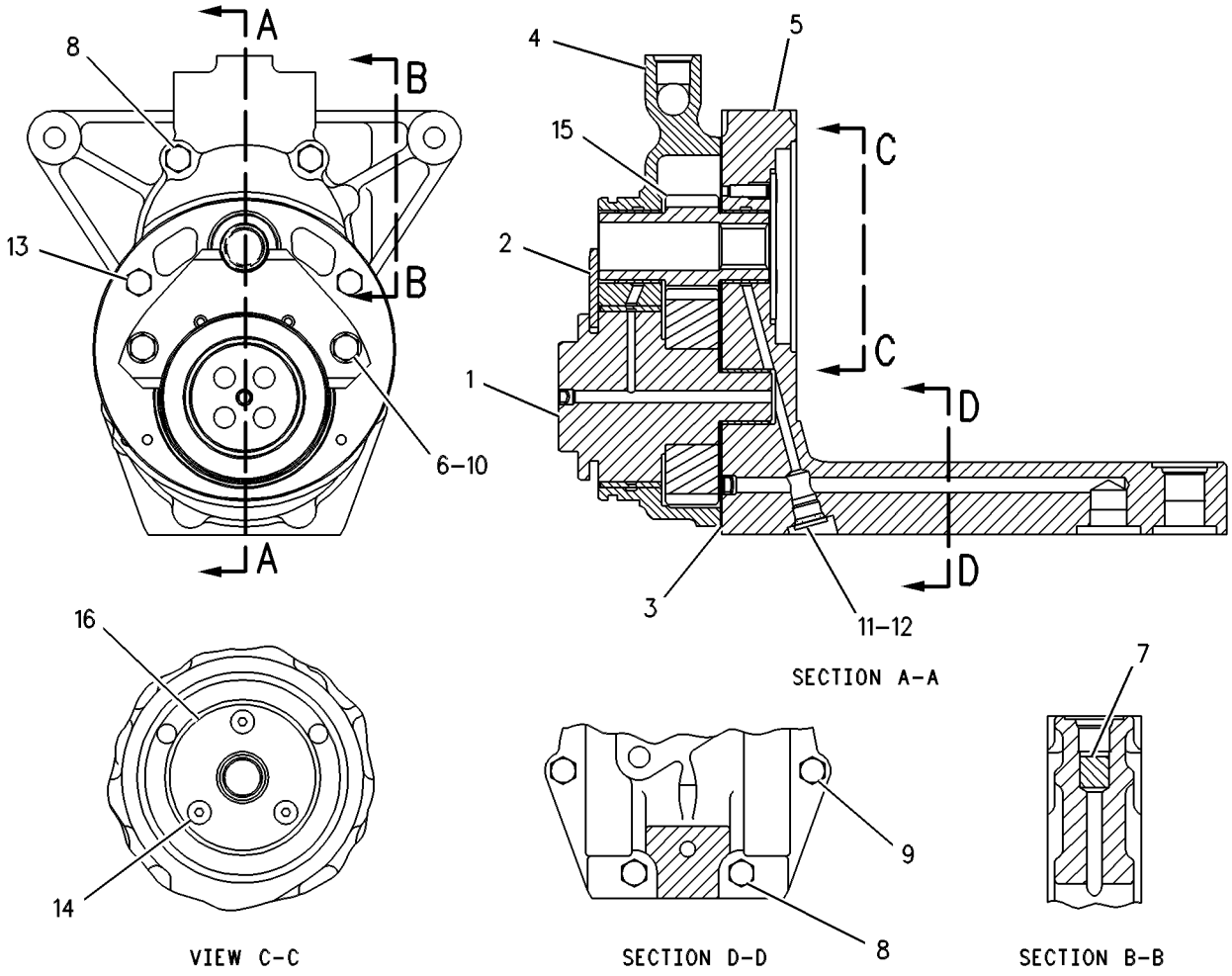
S/N 80M861-UP

PART OF 125-3431 DRIVE GP-UNIT INJ HYD PUMP

SMCS-1714 **i01035025**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**125-3688**	1	SHAFT AS	
		1	**3S-6605**	1	PLUG-CUP	
	2	1	**150-2392**	1	PLATE-THRUST	
	3	1	**106-3027**	1	GASKET	
	4	1	**125-2730**	1	HOUSING AS	
		1	**2H-1190**	2	DOWEL (16.0X6.2MM OD)	
		1	**124-9336**	1	BEARING-SLEEVE (94.76MM OD)	
		1	**124-9337**	1	BEARING-SLEEVE (94.76MM OD)	
	5	1	**125-3429**	1	HOUSING AS	
		1	**2A-3746**	1	PLUG-CUP	
		1	**9M-7129**	1	BEARING-SLEEVE (28.69MM OD)	
		1	**124-9337**	1	BEARING-SLEEVE (94.76MM OD)	
		1	**125-1173**	1	HOUSING-PUMP DRIVE	
	6	1	**0S-1617**	2	BOLT (5/16-18X.75IN)	
	7	1	**125-5835**	1	FILTER (UNIT INJECTOR HYDRAULIC PUMP)	
	8	1	**1B-9575**	4	BOLT (5/16-18X1.75IN)	
	9	1	**0S-1618**	2	BOLT (5/16-18X1.0IN)	
	10	1	**9N-0869**	2	WASHER (2MM THK)	
	11	1	**9S-8004**	1	PLUG-O-RING (9/16-18 THD)	
	12	1	**6V-5049**	1	SEAL-O-RING (11.89MM ID)	
	13	1	**1D-4541**	2	BOLT (5/16-18X3IN)	
	14	1	**8M-6802**	3	SCREW-HEX SOCKET	
	15	1	**124-6641**	1	GEAR (18 TEETH)	
	16	1	**124-6640**	1	PLATE	

125-3430 **DRIVE GP-UNIT INJ HYD PUMP** ***(contd.)*** **i01035025**



GRAPHIC #1 g00086480

125-3431 DRIVE GP-UNIT INJ HYD PUMP

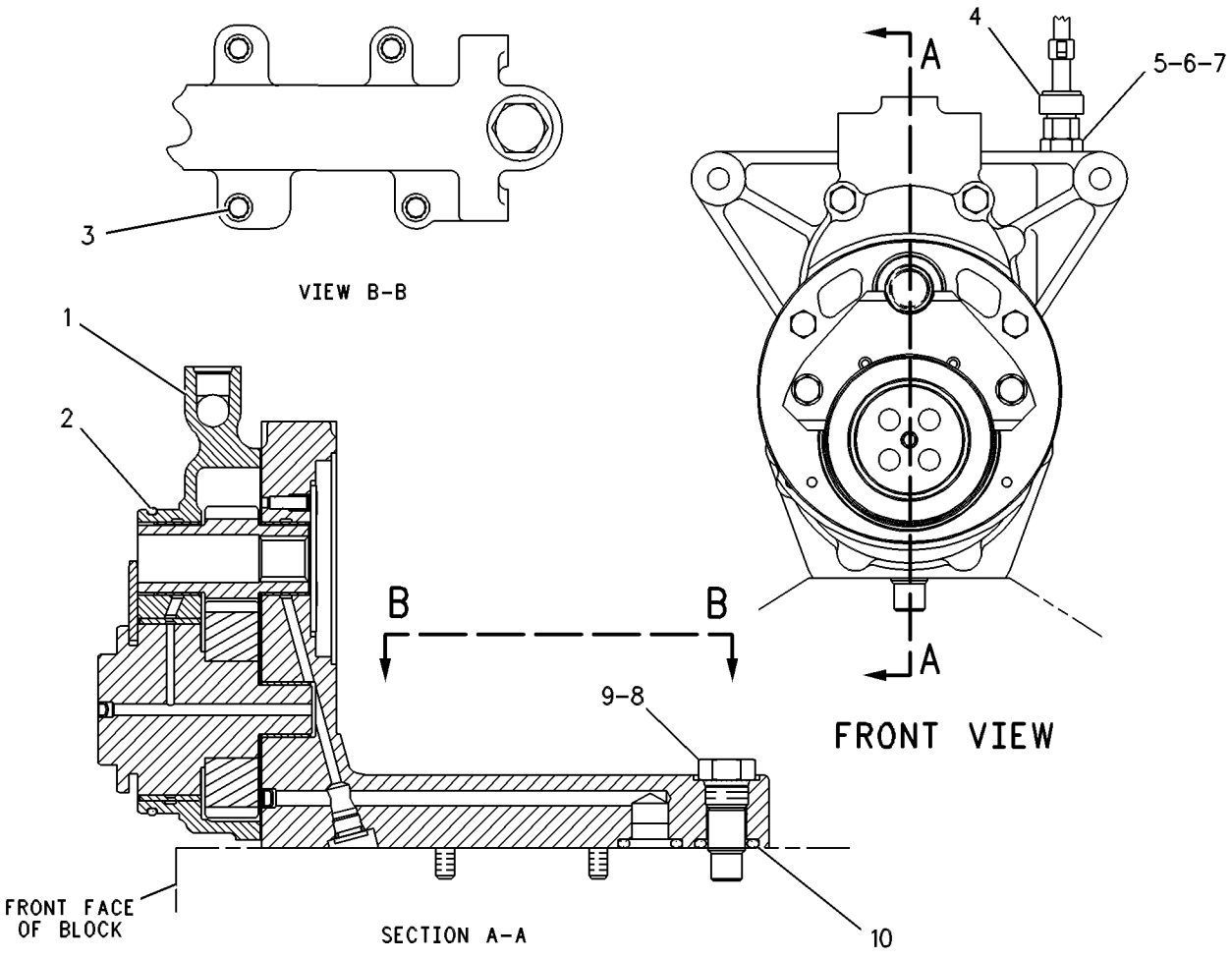
S/N 80M861-2638

PART OF 122-1117 ENGINE AR

SMCS-1714 **i01117093**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	*125-3430*	1	DRIVE GP-UNIT INJ HYD PUMP	100
	2	1	**6V-3549**	1	SEAL-O-RING (145.64MM ID)	
	3	1	**5P-0076**	4	BOLT-12 POINT HEAD (3/8-16X1.50IN)	
Y	4	1	**103-6093**	1	SENSOR GP-PRESSURE (ATMOSPHERIC)	185
	5	1	**9X-0261**	1	ADAPTER (19.05MM HEX)	
	6	1	**6V-5048**	1	SEAL-O-RING (8.92MM ID)	
	7	1	**6V-5049**	1	SEAL-O-RING (11.89MM ID)	
	8	1	**118-6335**	1	PIN	
	9	1	**6V-4589**	1	SEAL-O-RING (19.18MM ID)	
	10	1	**5P-9890**	2	SEAL-O-RING (23.16MM ID)	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00086464

125-3431 DRIVE GP-UNIT INJ HYD PUMP

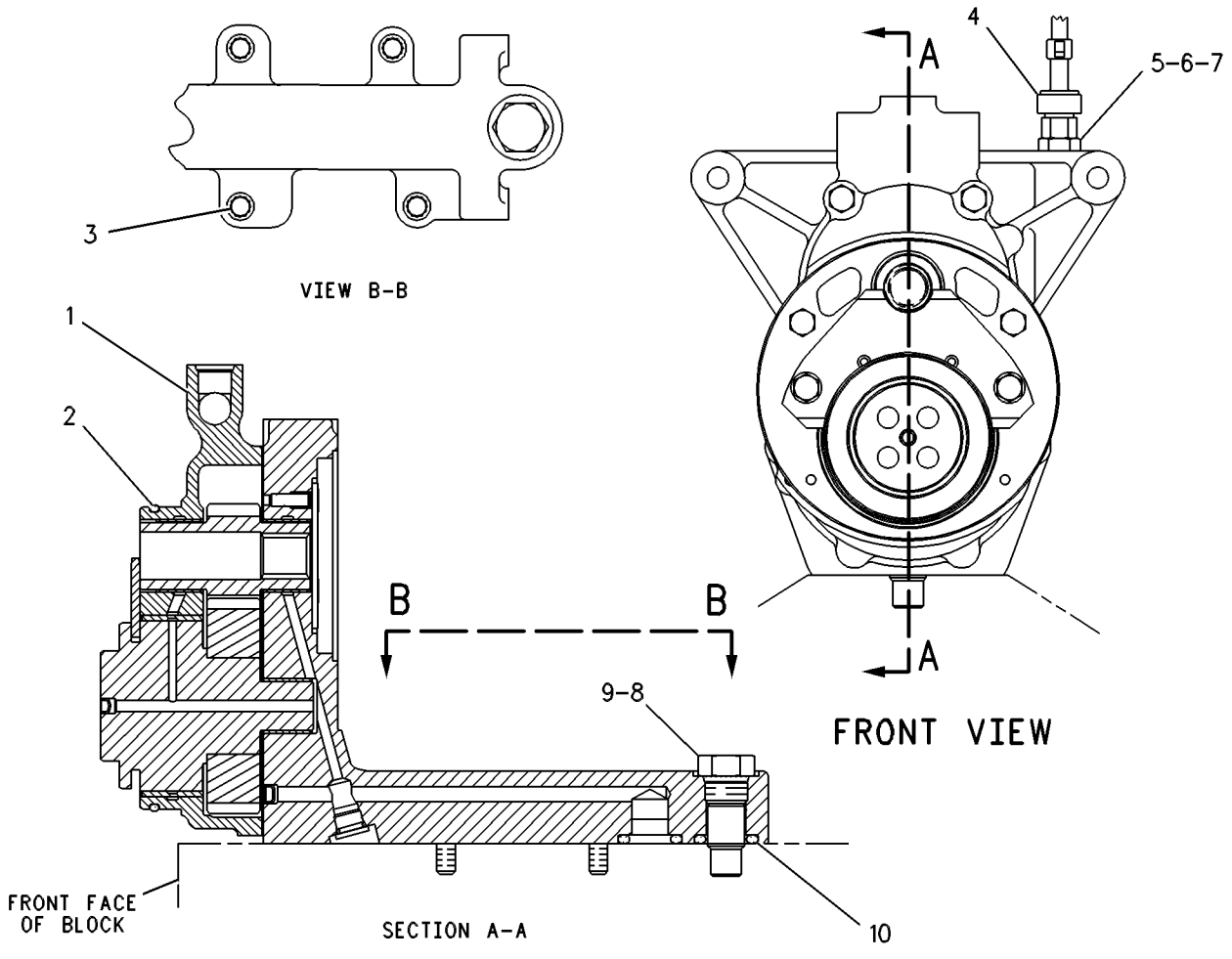
S/N 80M2639-2705

PART OF 122-1117 ENGINE AR

SMCS-1714 **i01117096**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**162-0149**	1	DRIVE GP-UNIT INJ HYD PUMP	106
	2	1	**6V-3549**	1	SEAL-O-RING (145.64MM ID)	
	3	1	**5P-0076**	4	BOLT-12 POINT HEAD (3/8-16X1.50IN)	
Y	4	1	**103-6093**	1	SENSOR GP-PRESSURE (ATMOSPHERIC)	185
	5	1	**9X-0261**	1	ADAPTER (19.05MM HEX)	
	6	1	**6V-5048**	1	SEAL-O-RING (8.92MM ID)	
	7	1	**6V-5049**	1	SEAL-O-RING (11.89MM ID)	
	8	1	**118-6335**	1	PIN	
	9	1	**6V-4589**	1	SEAL-O-RING (19.18MM ID)	
	10	1	**5P-9890**	2	SEAL-O-RING (23.16MM ID)	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00086464

125-3431 DRIVE GP-UNIT INJ HYD PUMP

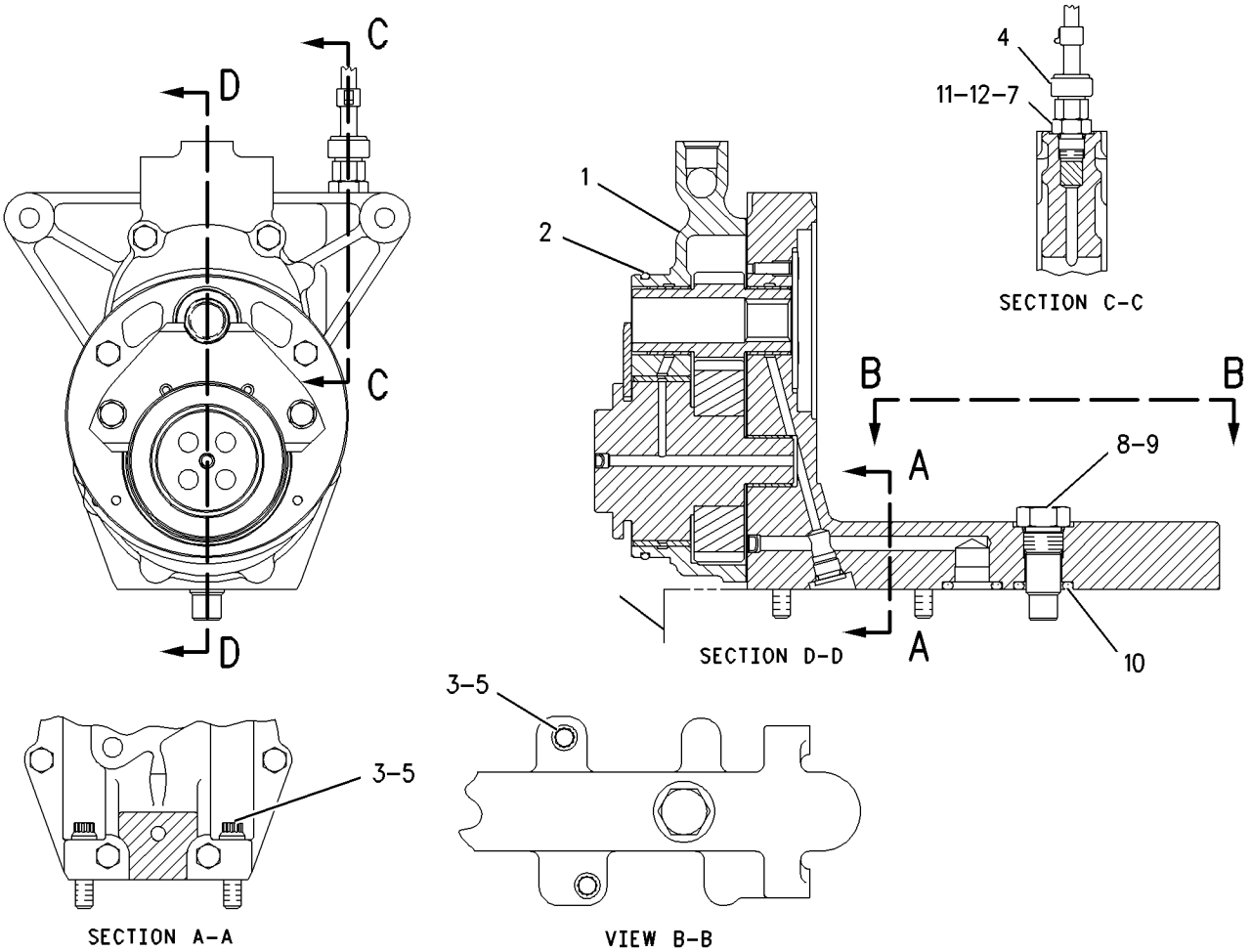
S/N 80M2706-3037

PART OF 122-1117 ENGINE AR

SMCS-1714 **i01227948**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**162-0149**	1	DRIVE GP-UNIT INJ HYD PUMP	106
	2	1	**6V-3549**	1	SEAL-O-RING (145.64MM ID)	
	3	1	**5P-0076**	4	BOLT-12 POINT HEAD (3/8-16X1.50IN)	
CY	4	1	**161-9926**	1	SENSOR GP-PRESSURE (ATMOSPHERIC)	188
	5	1	**5M-2894**	4	WASHER (2.5MM THK)	
	7	1	**6V-5049**	1	SEAL-O-RING (11.89MM ID)	
	8	1	**118-6335**	1	PIN	
	9	1	**6V-4589**	1	SEAL-O-RING (19.18MM ID)	
	10	1	**5P-9890**	2	SEAL-O-RING (23.16MM ID)	
	11	1	**9X-0261**	1	ADAPTER (19.05MM HEX)	
	12	1	**6V-5048**	1	SEAL-O-RING (8.92MM ID)	

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00655963

125-3431 DRIVE GP-UNIT INJ HYD PUMP

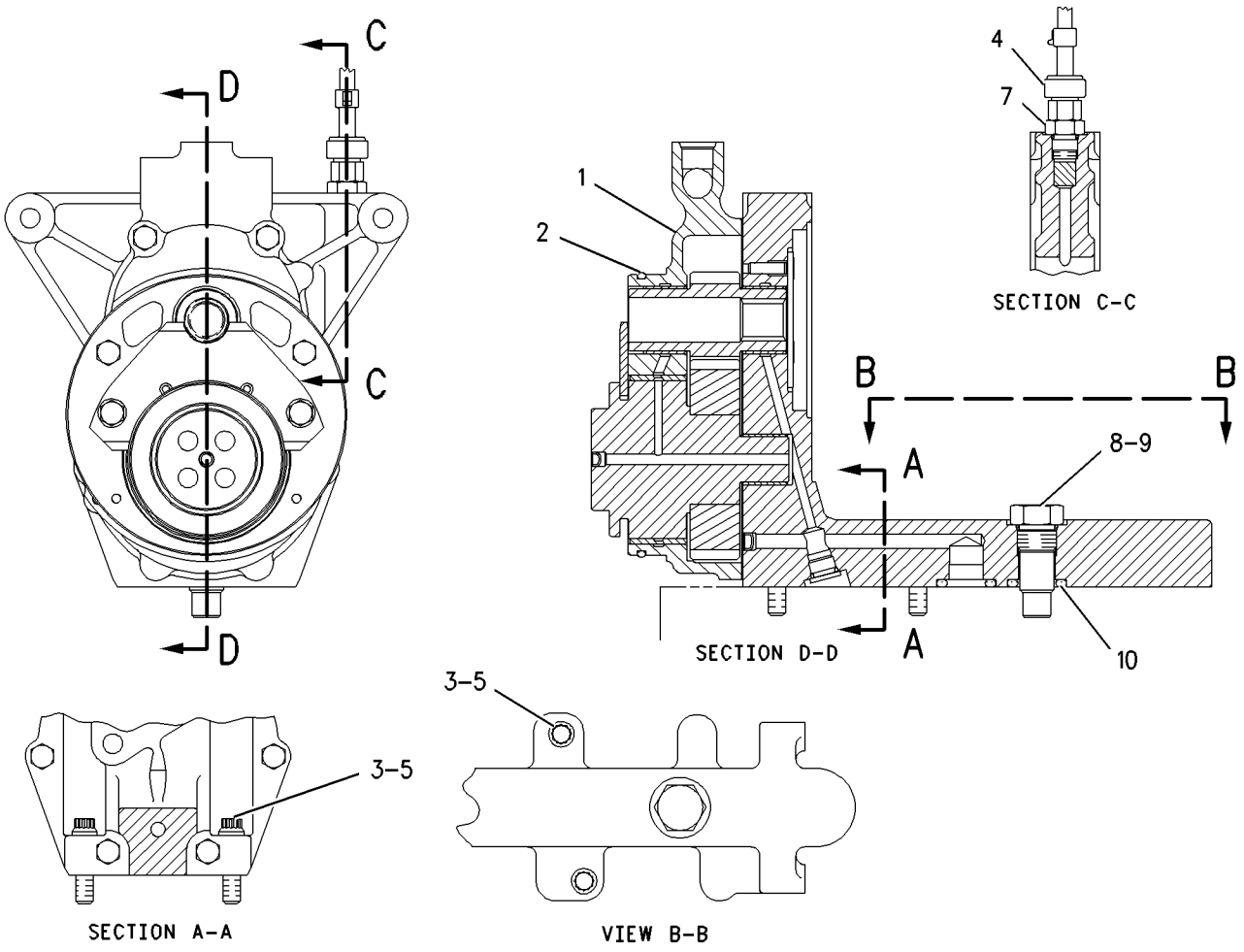
S/N 80M3038-UP

PART OF 122-1117 ENGINE AR

SMCS-1714 **i01227861**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**162-0149**	1	DRIVE GP-UNIT INJ HYD PUMP	106
	2	1	**6V-3549**	1	SEAL-O-RING (145.64MM ID)	
	3	1	**5P-0076**	4	BOLT-12 POINT HEAD (3/8-16X1.50IN)	
CY	4	1	**161-9925**	1	SENSOR GP-PRESSURE (ATMOSPHERIC)	187
	5	1	**5M-2894**	4	WASHER (2.5MM THK)	
	7	1	**6V-5049**	1	SEAL-O-RING (11.89MM ID)	
	8	1	**118-6335**	1	PIN	
	9	1	**6V-4589**	1	SEAL-O-RING (19.18MM ID)	
	10	1	**5P-9890**	2	SEAL-O-RING (23.16MM ID)	

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00656070

162-0149 DRIVE GP-UNIT INJ HYD PUMP

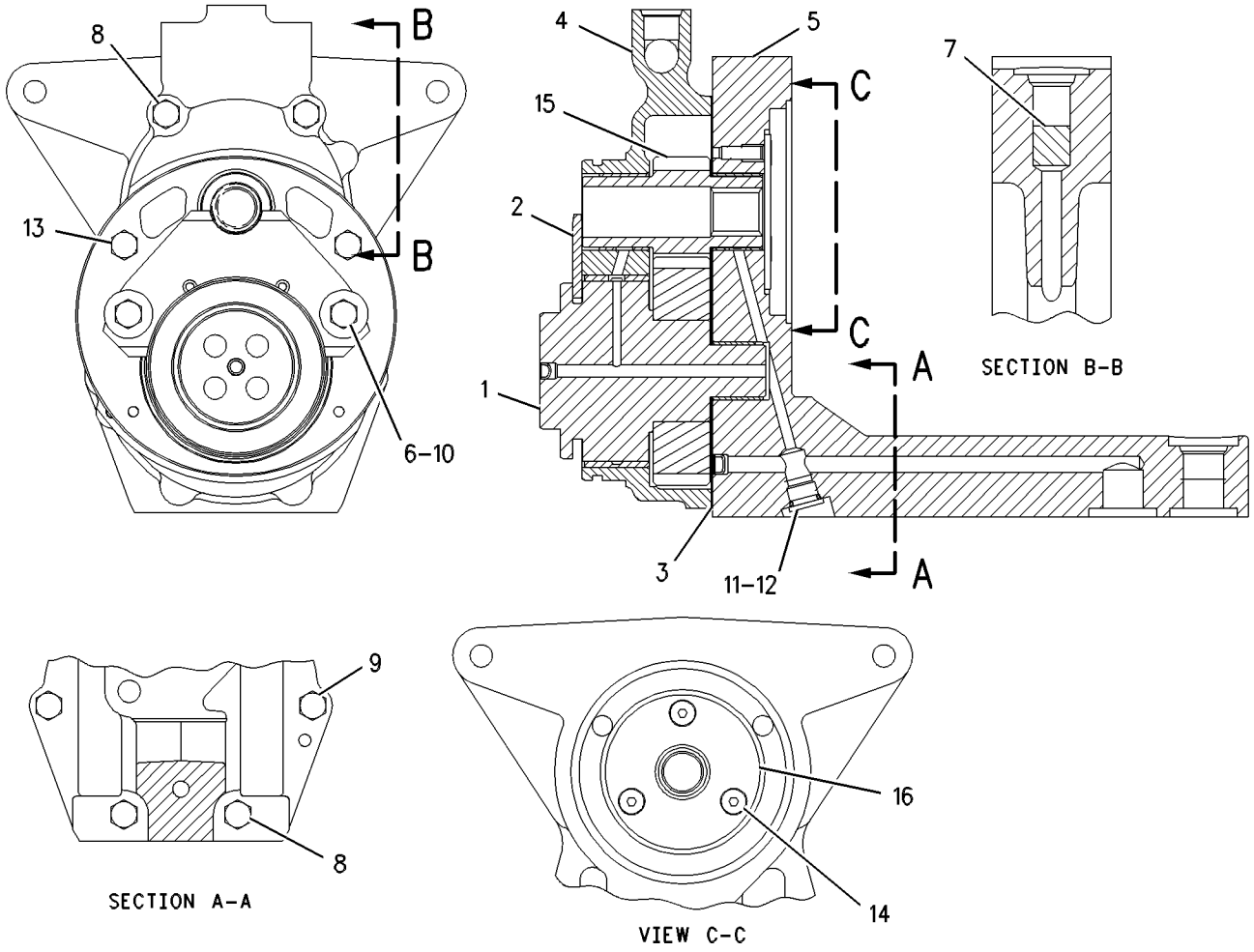
S/N 80M2639-UP

PART OF 125-3431 DRIVE GP-UNIT INJ HYD PUMP

SMCS-1714 **i01229045**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**162-0153**	1	SHAFT AS	
		1	**3S-6605**	1	PLUG-CUP	
	2	1	**150-2392**	1	PLATE-THRUST	
	3	1	**106-3027**	1	GASKET	
	4	1	**162-0158**	1	HOUSING AS	
		1	**2H-1190**	2	DOWEL (16.0X6.2MM OD)	
		1	**162-0151**	1	BEARING-SLEEVE	
		1	**162-0152**	1	BEARING-SLEEVE	
	5	1	**162-0160**	1	HOUSING AS	
		1	**2A-3746**	1	PLUG-CUP	
		1	**162-0150**	1	BEARING-SLEEVE	
		1	**162-0151**	1	BEARING-SLEEVE	
		1	**162-0156**	1	HOUSING-PUMP DRIVE	
	6	1	**0S-1617**	2	BOLT (5/16-18X.75IN)	
	7	1	**125-5835**	1	FILTER	
	8	1	**1B-9575**	4	BOLT (5/16-18X1.75IN)	
	9	1	**0S-1618**	2	BOLT (5/16-18X1.0IN)	
	10	1	**9N-0869**	2	WASHER-HARD (2MM THK)	
	11	1	**9S-8004**	1	PLUG-O-RING (9/16-18 THD)	
	12	1	**6V-5049**	1	SEAL-O-RING (11.89MM ID)	
	13	1	**1D-4541**	2	BOLT (5/16-18X3IN)	
	14	1	**8M-6802**	3	SCREW-HEX SOCKET	
	15	1	**162-0155**	1	GEAR-PUMP DRIVE (18 TEETH)	
	16	1	**124-6640**	1	PLATE	

162-0149 DRIVE GP-UNIT INJ HYD PUMP *(contd.)* i01229045



GRAPHIC #1 g00539583

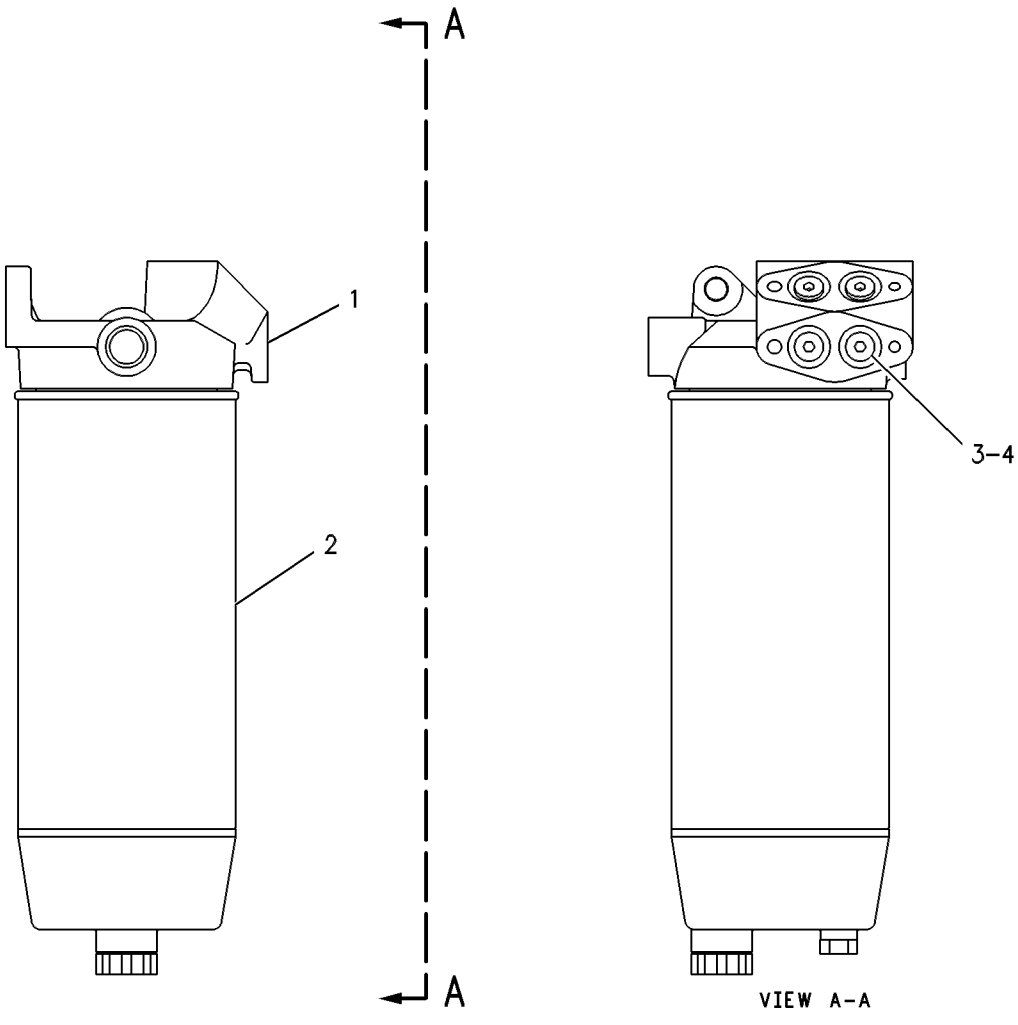
131-0463 FILTER GP-WATER SEP & FUEL

PIN 2KZ1-UP

PART OF 122-4986 INSTALLATION AR-ENGINE

SMCS-1261, 1263 **i01023716**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**128-8557**	1	BASE AS-FILTER	
		1	**7E-5346**	1	VALVE AS	
		1	**9S-4167**	1	STUD-HOLLOW	
	2	1	**129-0372**	1	FILTER AS-WATER SEP & FUEL (PRIMARY)	
		1	**129-0373**	1	ELEMENT-FILTER	
		1	**129-0375**	1	BOWL	
	3	1	**9S-8002**	4	PLUG-O-RING (7/16-20 THD)	
	4	1	**6V-5048**	4	SEAL-O-RING (8.92MM ID)	



GRAPHIC #1 g00121760

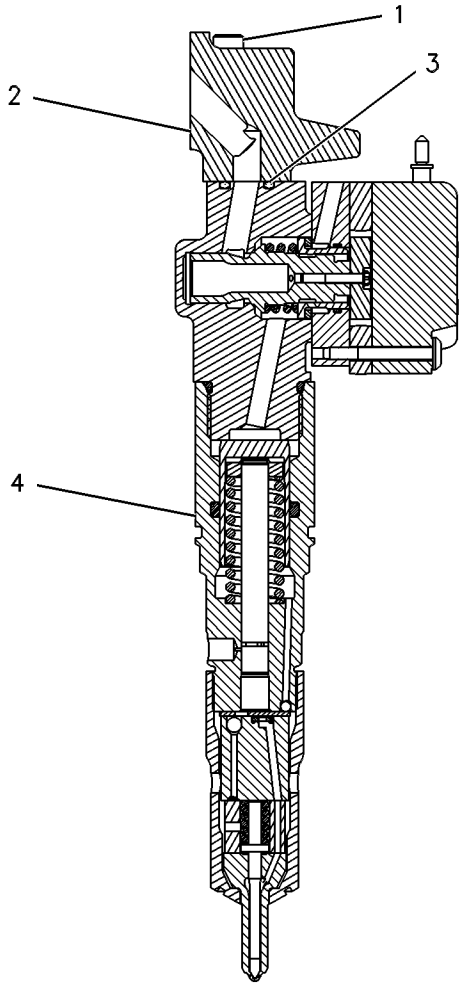
138-8756 INJECTOR GP-FUEL

S/N 80M861-2331

PART OF 108-7090 PUMP GP-FUEL INJECTION

SMCS-1254, 1290 **i00553732**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**136-1869**	2	BOLT-SOCKET HEAD	
	2	1	**115-3598**	1	ADAPTER-INJECTION	
	3	1	**116-7222**	1	SEAL-RECTANGULAR	
	4	1	**138-8754**	1	INJECTOR GP-FUEL	



GRAPHIC #1 g00087144

159-0836 INJECTOR GP-FUEL

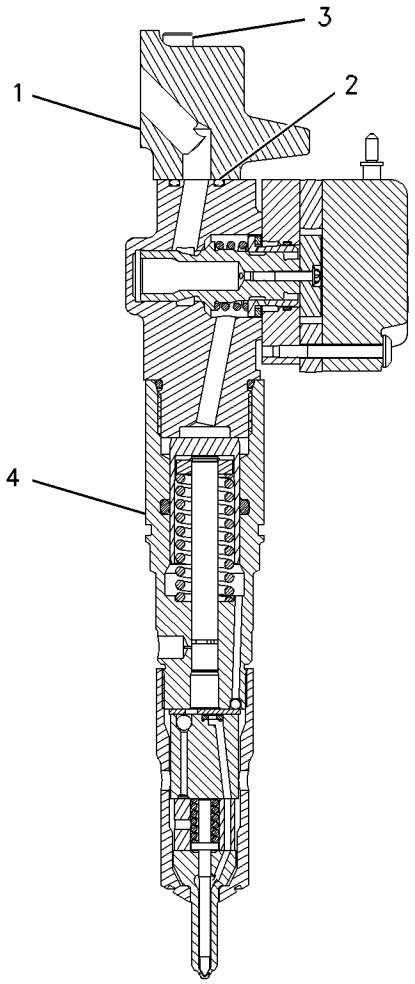
S/N 80M2332-2882

PART OF 108-7090 PUMP GP-FUEL INJECTION

SMCS-1254, 1290 **i00945331**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**115-3598**	1	ADAPTER-INJECTION	
	2	1	**116-7222**	1	SEAL-RECTANGULAR	
	3	1	**136-1869**	2	BOLT-SOCKET HEAD	
R	4	1	**159-0835**	1	INJECTOR GP-FUEL	

R-REMFG PART MAY BE AVAILABLE



GRAPHIC #1 g00469805

FUEL SYSTEM

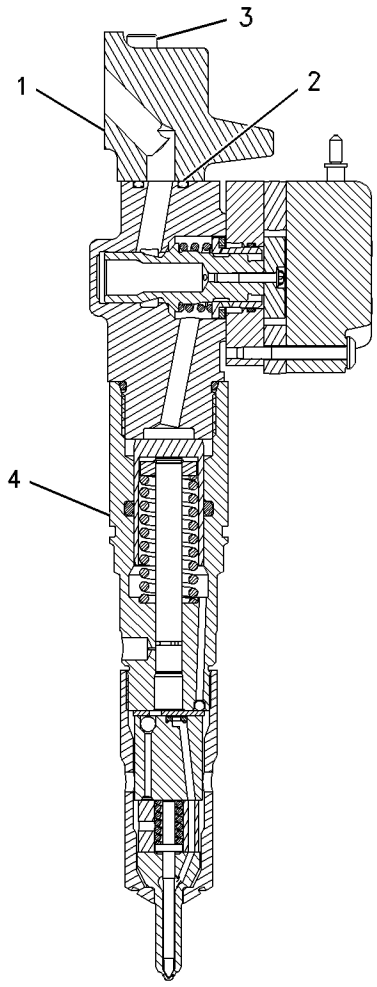
174-7527 INJECTOR GP-FUEL

S/N 80M2883-UP

PART OF 108-7090 PUMP GP-FUEL INJECTION

SMCS-1254, 1290 **i01110682**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**115-3598**	1	ADAPTER-INJECTION	
	2	1	**116-7222**	1	SEAL-RECTANGULAR	
	3	1	**136-1869**	2	BOLT-SOCKET HEAD	
	4	1	**174-7526**	1	INJECTOR GP-FUEL	



GRAPHIC #1 g00586359

FUEL SYSTEM

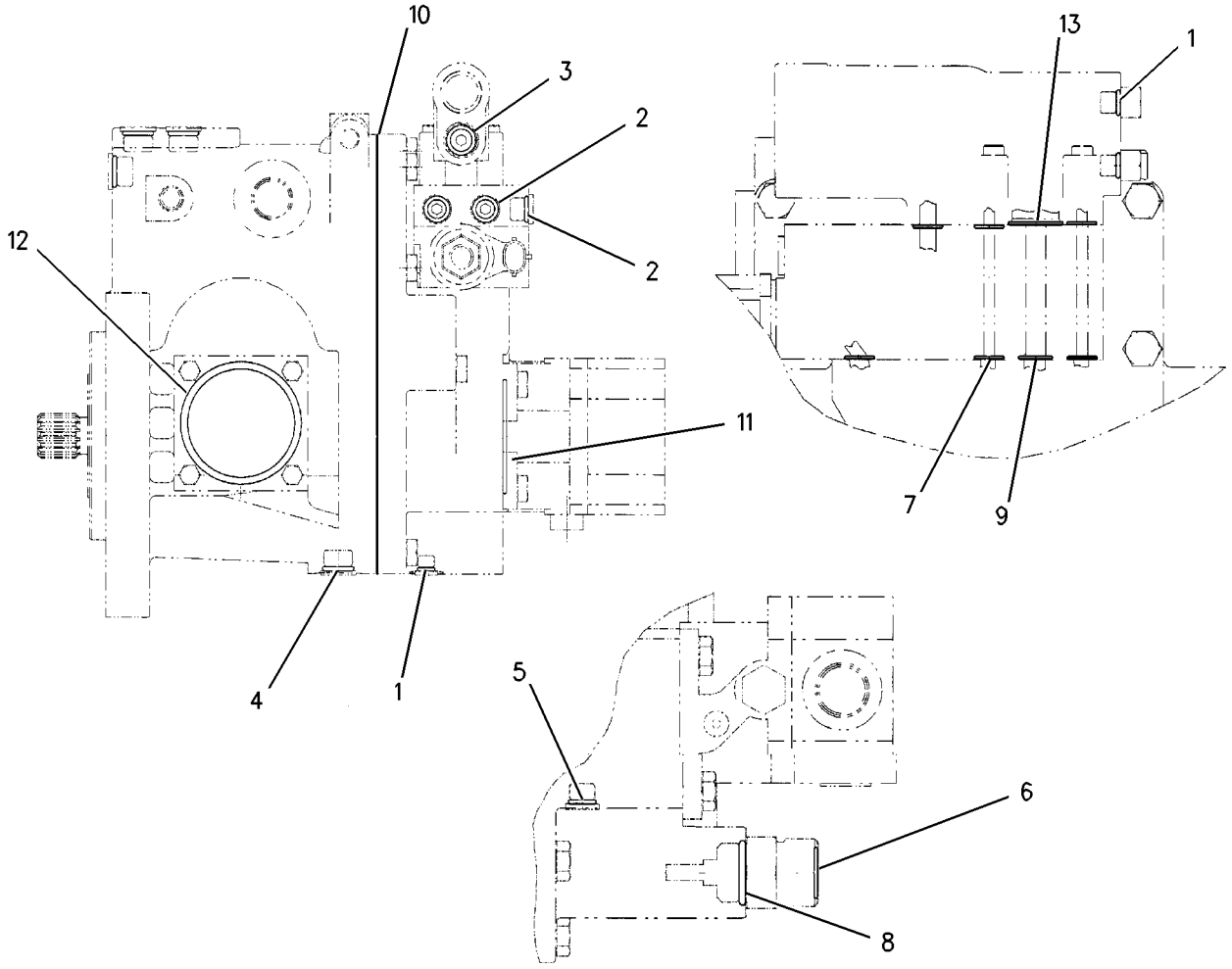
138-6256 KIT-SEAL

S/N 80M861-UP

PART OF 144-0835, 169-1034 PUMP GP-UNIT INJECTOR HYD

SMCS-1256, 1714 **i01229048**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**109-9685**	4	SEAL-O-RING (6.07MM ID)	
	2	1	**033-5853**	3	SEAL-O-RING (8.92MM ID)	
	3	1	**109-3206**	1	SEAL-O-RING (10.52MM ID)	
	4	1	**033-6042**	4	SEAL-O-RING (11.89MM ID)	
	5	1	**108-5803**	1	SEAL-O-RING (7.65MM ID)	
	6	1	**6V-5142**	2	SEAL-O-RING (15.6MM ID)	
	7	1	**9X-7680**	6	SEAL-O-RING (7.65MM ID)	
	8	1	**033-6027**	2	SEAL-O-RING (19.18MM ID)	
	9	1	**033-6039**	1	SEAL-O-RING (9.25MM ID)	
	10	1	**133-1705**	1	GASKET-HOUSING	
	11	1	**6V-8676**	1	SEAL-O-RING (48.90MM ID)	
	12	1	**135-2655**	2	SEAL-O-RING (55.24MM ID)	
	13	1	**135-2652**	1	SEAL-O-RING (17.17MM ID)	



GRAPHIC #1 g00642811

MEMORANDA

123-1061 LINES GP-FUEL

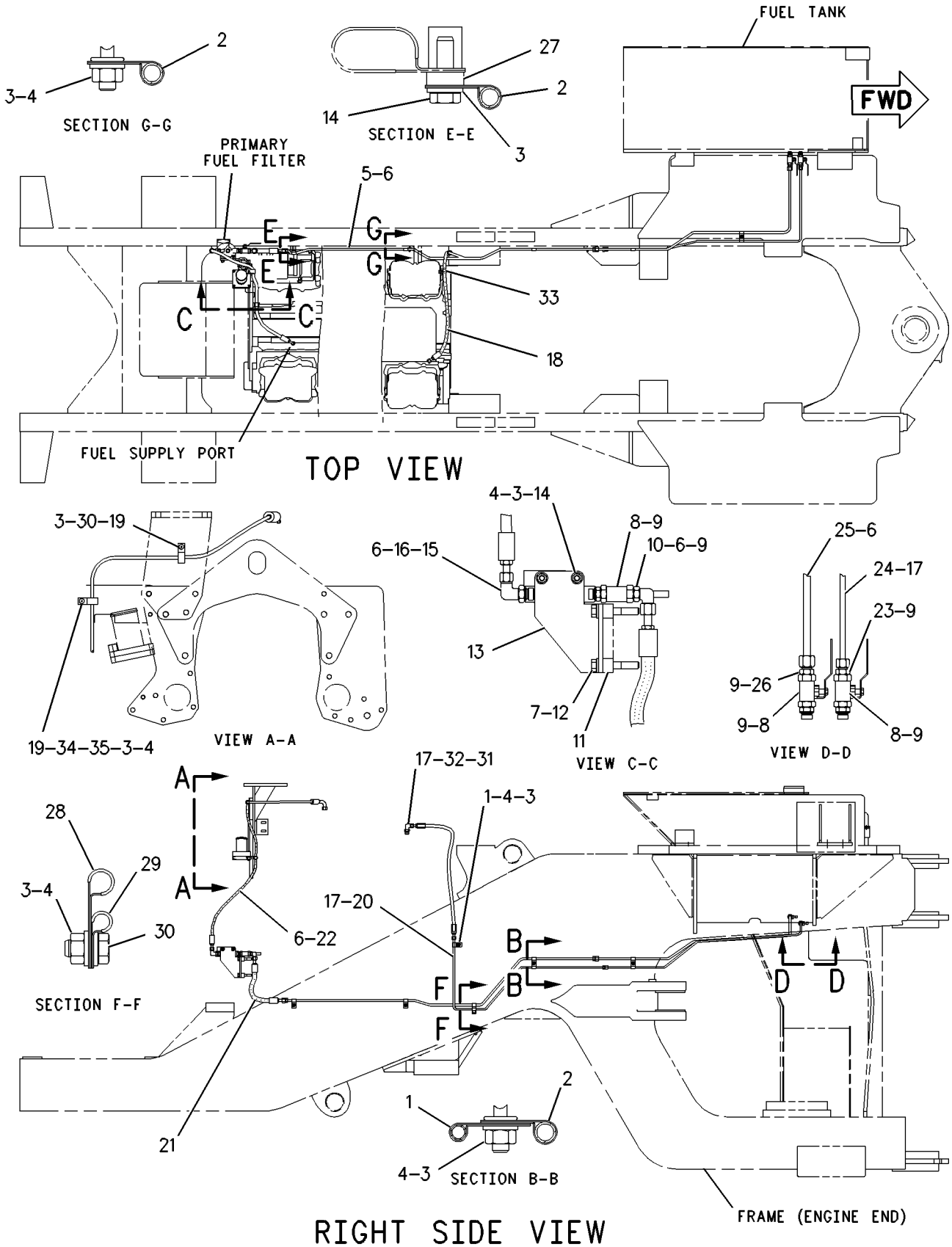
PIN 2KZ1-UP

PART OF 152-9752 CHASSIS AR

SMCS-1274 **i00637775**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9S-1310**	4	CLIP (9.5MM ID)	
	2	1	**1B-3057**	5	CLIP (12.7MM ID)	
	3	1	**8T-4121**	14	WASHER (2.5MM THK)	
M	4	1	**8T-4133**	9	NUT (M10X1.50 THD)	
	5	1	**9U-0531**	1	TUBE AS	
	6	1	**6V-8398**	6	SEAL-O-RING (12.47MM ID)	
	7	1	**8T-4223**	2	WASHER-HARD (3MM THK)	
	8	1	**8T-0081**	3	VALVE-BALL	
	9	1	**3K-0360**	6	SEAL-O-RING (16.36MM ID)	
	10	1	**6V-8625**	1	ELBOW-90 DEGREE (3/4-16 THD)	
	11	1	**5B-5839**	2	SPACER	
	12	1	**7X-0326**	2	BOLT (1/2-13X3IN)	
	13	1	**9U-0709**	1	BRACKET	
M	14	1	**8T-4196**	3	BOLT (M10X1.50X35MM)	
	15	1	**6V-8721**	1	ELBOW-90 DEGREE (7/8-14 THD)	
	16	1	**2M-9780**	1	SEAL-O-RING (19.18MM ID)	
	17	1	**6V-8397**	4	SEAL-O-RING (9.27MM ID)	
	18	1	**123-1062**	1	HOSE AS	
	19	1	**1S-0994**	2	CLIP (20.64MM ID)	
	20	1	**126-6255**	1	TUBE AS	
I	21	1	**9U-0533**	1	HOSE AS	
	22	1	**123-1063**	1	HOSE AS	
	23	1	**6V-8634**	1	CONNECTOR-SEAL	
	24	1	**9U-0528**	1	TUBE AS	
	25	1	**9U-0527**	1	TUBE AS	
	26	1	**6V-8639**	1	CONNECTOR-SEAL	
	27	1	**7X-0732**	1	WASHER-HARD	
	28	1	**7B-7501**	1	CLIP (12.7MM ID)	
	29	1	**9S-1350**	1	CLIP	
M	30	1	**8T-4137**	2	BOLT (M10X1.50X20MM)	
	31	1	**6V-8724**	1	ELBOW (9/16-18 THD) (90 DEGREE)	
	32	1	**3J-1907**	1	SEAL-O-RING (11.89MM ID)	
	33	1	**8M-2773**	1	CLIP (17.46MM ID)	
M	34	1	**8T-6466**	1	BOLT (M10X1.50X60MM)	
	35	1	**7C-6921**	1	SPACER	

I-SEE HOSE FABRICATION GUIDE
M-METRIC PART



GRAPHIC #1 g00278400

FUEL SYSTEM

114-5212 LINES GP-FUEL FILTER

S/N 80M861-UP

PART OF 122-1117 ENGINE AR

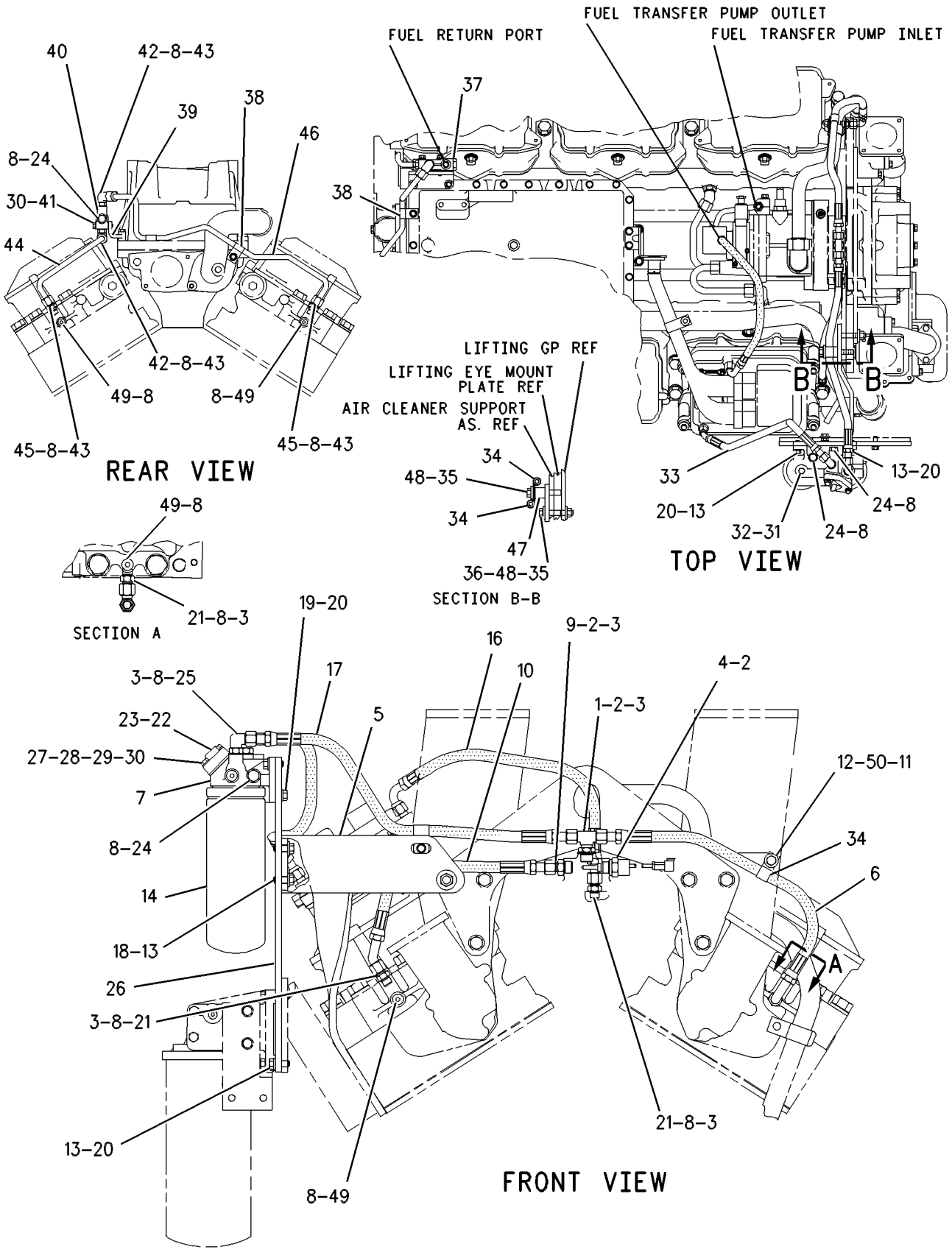
SMCS-1261, 1274 **i01229051**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**098-5687**	1	TEE	
	2	1	**8L-2786**	3	SEAL-O-RING (16.36MM ID)	
	3	1	**8L-2779**	8	SEAL-O-RING (9.25MM ID)	
	4	1	**102-2240**	1	SENSOR GP-TEMPERATURE	
		1	**3E-3371**	1	WEDGE-RECEPTACLE LOCK	
		1	**8T-8729**	3	PIN-CONNECTOR	
E		1	**9X-1813**		SLEEVE (BULK) (31CM)	
		1	**102-8803**	1	KIT-RECEPTACLE (3 PIN)	
					(INCLUDES WEDGE)	
	5	1	**119-0960**	1	BRACKET	
I	6	1	**125-6795**	1	HOSE AS	
	7	1	**6N-2946**	1	BASE AS-FUEL FILTER	
	8	1	**6V-5049**	1	SEAL-O-RING (11.89MM ID)	
		1	**9S-8004**	1	PLUG-O-RING (9/16-18 THD)	
		1	**9S-4167**	2	STUD-HOLLOW	
	9	1	**6V-8634**	1	CONNECTOR-ORFS TO O-RING PORT (ORFS 11/16-16; PORT 9/16-18)	
I	10	1	**125-6796**	1	HOSE AS	
	11	1	**1K-4649**	1	SPACER (1.0IN THK)	
	12	1	**9S-1366**	1	BOLT (1/2-13X2.5 IN)	
	13	1	**0S-1594**	6	BOLT (3/8-16X1 IN)	
	14	1	**1R-0749**	2	FILTER AS-FUEL (SECONDARY)	
	15	1	**9S-8752**	1	NUT (3/8-16 THD)	
I	16	1	**125-6797**	1	HOSE AS	
I	17	1	**125-6798**	1	HOSE AS	
	18	1	**9X-6458**	2	WASHER-HARD (3MM THK)	
	19	1	**0S-1588**	1	BOLT (3/8-16X1.25IN)	
	20	1	**5M-2894**	7	WASHER (2.5MM THK)	
	21	1	**6V-8636**	3	CONNECTOR-ORFS TO O-RING PORT (ORFS 11/16-16; PORT 9/16-18)	
	22	1	**6N-4414**	1	COVER-FILTER BASE	
	23	1	**1P-0436**	1	GASKET (PRIMING PUMP)	
	24	1	**9S-4191**	4	PLUG-O-RING (9/16-18 THD)	
	25	1	**6V-8724**	2	ELBOW (9/16-18 THD)	
	26	1	**8N-9798**	1	PLATE	
	27	1	**7B-2742**	1	BOLT (1/4-20X1.25IN)	
	28	1	**5P-0537**	1	WASHER (2MM THK)	
	29	1	**1B-2790**	1	BOLT (5/16-18X1.375IN)	
	30	1	**9M-1974**	3	WASHER-HARD (2MM THK)	
	31	1	**9S-4182**	1	PLUG (7/16-20 THD)	
	32	1	**6V-5048**	1	SEAL-O-RING (8.92MM ID)	
I	33	1	**125-6799**	1	HOSE AS	
	34	1	**1S-6420**	3	CLIP (17.46MM ID)	
	35	1	**9X-8874**	2	BOLT (1/2-13X3IN)	
	36	1	**1F-7958**	1	NUT-FULL (1/2-13 THD)	
Y	37	1	**102-7535**	1	VALVE GP-PRESSURE CONTROL	137
	38	1	**1B-3057**	2	CLIP (12.7MM ID)	
	39	1	**116-5819**	1	BRACKET	
	40	1	**123-0555**	1	MANIFOLD	
	41	1	**1B-9575**	2	BOLT (5/16-18X1.75IN)	
	42	1	**8T-6876**	2	ELBOW-ORFS (9/16-18 THD)	
	43	1	**033-6033**	4	SEAL-O-RING (12.42MM ID)	
	44	1	**115-4316**	1	TUBE AS	
	45	1	**6V-9873**	2	CONNECTOR (ORFS)	
	46	1	**115-4317**	1	TUBE AS	
	47	1	**2H-9233**	1	SPACER (25.4MM THK)	

114-5212 LINES GP-FUEL FILTER *(contd.)* i01229051

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	48	1	**7D-1649**	2	WASHER (5.0MM THK)	
	49	1	**9S-8004**	4	PLUG-O-RING (9/16-18 THD)	
	50	1	**5P-8245**	2	WASHER-HARD (3MM THK)	

E-ORDER BY THE CENTIMETER
I-SEE HOSE FABRICATION GUIDE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00289348

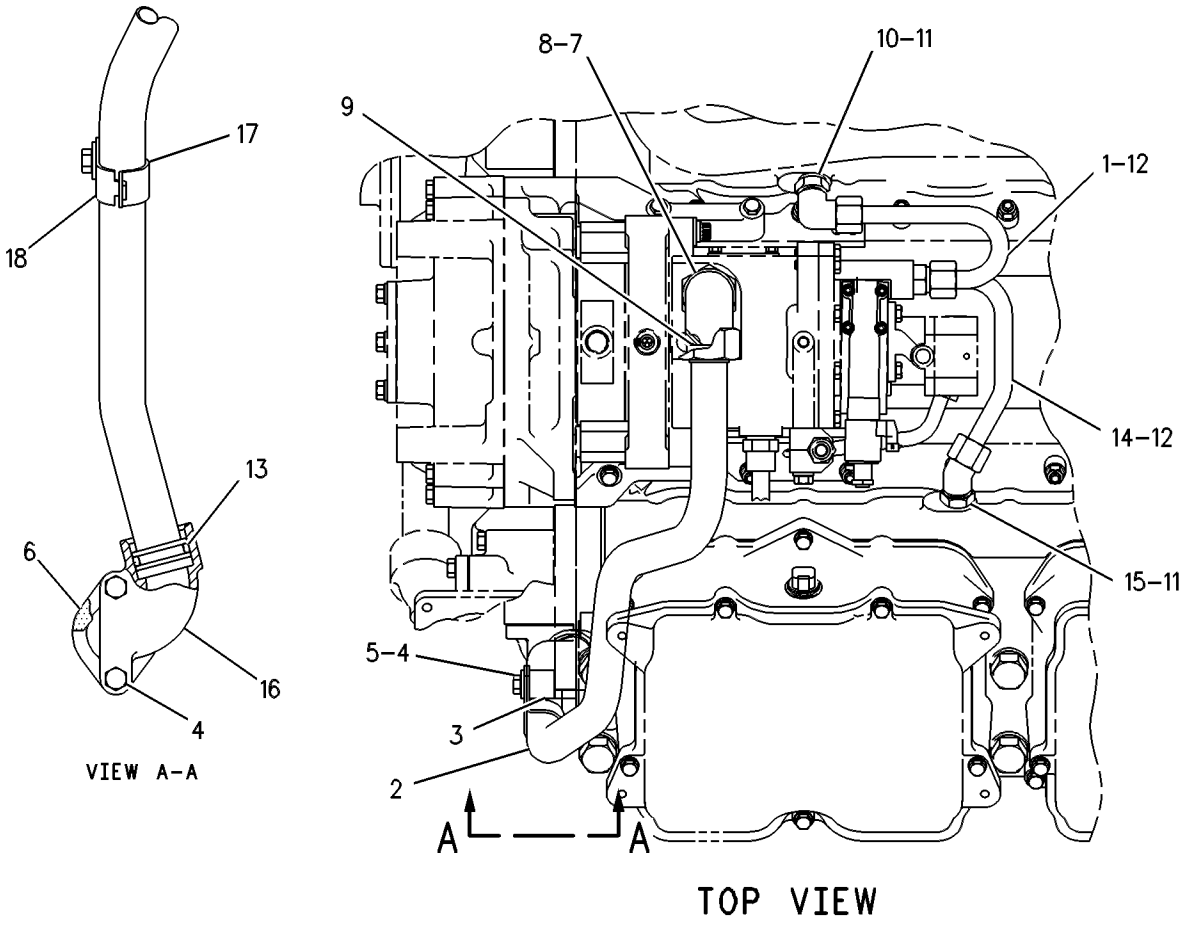
109-0399 LINES GP-INJECTOR HYD PUMP

S/N 80M861-UP

PART OF 122-1117 ENGINE AR

SMCS-1714 **i01250735**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**107-3202**	1	TUBE AS	
	2	1	**117-9650**	1	TUBE AS	
	3	1	**2S-9503**	1	SPACER (22.23MM THK)	
	4	1	**0L-1143**	3	BOLT (3/8-16X2.50IN)	
	5	1	**9L-9132**	1	WASHER (2.5MM THK)	
	6	1	**4N-0933**	1	GASKET	
	7	1	**6V-9009**	1	ELBOW (90 DEG)	
	8	1	**5P-7815**	1	SEAL-O-RING (37.46MM ID)	
	9	1	**9X-7734**	1	SEAL-O-RING (29.87MM ID)	
	10	1	**6V-8626**	1	ELBOW-90 DEGREE (7/8-14 THD)	
	11	1	**152-2939**	2	SEAL-O-RING	
	12	1	**152-2938**	4	SEAL-O-RING	
	13	1	**6V-5134**	1	SEAL-O-RING (31.12MM ID)	
	14	1	**162-2501**	1	HOSE AS	
	15	1	**6V-9003**	1	ELBOW-45 DEGREE	
	16	1	**113-1921**	1	ELBOW	
	17	1	**8S-0023**	1	CLIP (SLOT)	
	18	1	**8S-0024**	1	CLIP (TAB)	



GRAPHIC #1 g00086520

126-7292 PUMP & MTG GP-UNIT INJ HYD

S/N 80M861-2693

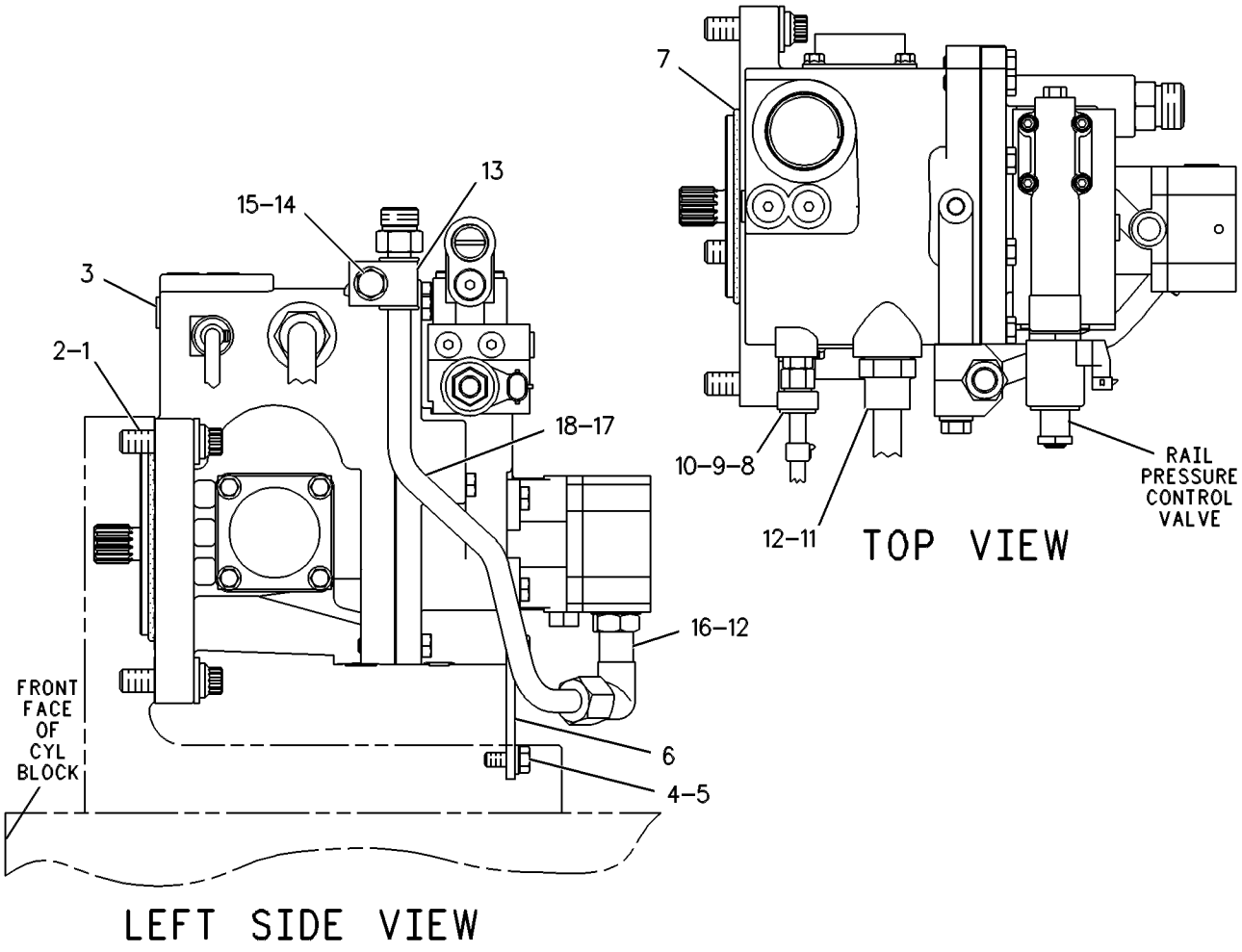
PART OF 122-1117 ENGINE AR

SMCS-1714 **i01048671**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**5P-5855**	3	BOLT-12 POINT HEAD	
	2	1	**5P-8245**	3	WASHER (3MM THK)	
CY	3	1	**144-0835**	1	PUMP GP-UNIT INJECTOR HYD	132
	4	1	**0S-1617**	4	BOLT (5/16-18X.75IN)	
	5	1	**9M-1974**	4	WASHER-HARD (2MM THK)	
	6	1	**118-8157**	1	SUPPORT-PUMP	
	7	1	**6V-1197**	1	SEAL-O-RING (98.02MM ID)	
Y	8	1	**103-6092**	1	SENSOR GP-PRESSURE (ENGINE OIL)	184
	9	1	**9X-0262**	1	ADAPTER	
	10	1	**6V-5048**	2	SEAL-O-RING (8.92MM ID)	
Y	11	1	**106-0735**	1	SENSOR GP-TEMPERATURE (ENGINE OIL)	192
	12	1	**8L-2786**	2	SEAL-O-RING (16.36MM ID)	
	13	1	**4P-0707**	2	CLAMP AS	
	14	1	**0L-2070**	1	BOLT (3/8-16X2.25IN)	
	15	1	**5M-2894**	1	WASHER (2.5MM THK)	
	16	1	**8T-1686**	1	ELBOW-90 DEGREE	
	17	1	**033-6033**	1	SEAL-O-RING (12.42MM ID)	
	18	1	**127-1969**	1	TUBE AS	

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION

126-7292 **PUMP & MTG GP-UNIT INJ HYD** ***(contd.)*** **i01048671**



GRAPHIC #1

g00086494

126-7292 PUMP & MTG GP-UNIT INJ HYD

S/N 80M2694-2772

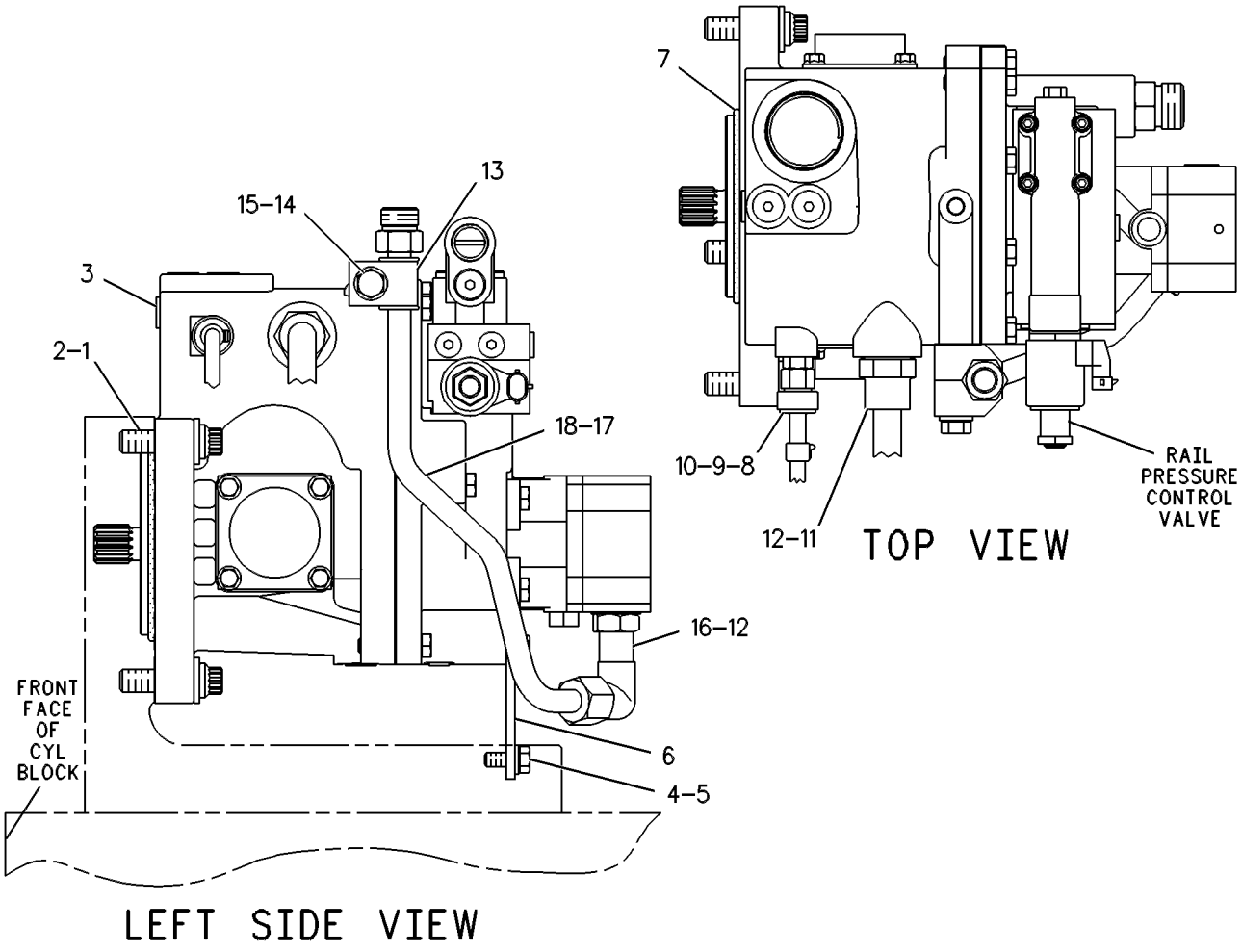
PART OF 122-1117 ENGINE AR

SMCS-1714 **i01067188**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**5P-5855**	3	BOLT-12 POINT HEAD	
	2	1	**5P-8245**	3	WASHER (3MM THK)	
CY	3	1	**169-1034**	1	PUMP GP-UNIT INJECTOR HYD	134
	4	1	**0S-1617**	4	BOLT (5/16-18X.75IN)	
	5	1	**9M-1974**	4	WASHER-HARD (2MM THK)	
	6	1	**118-8157**	1	SUPPORT-PUMP	
	7	1	**6V-1197**	1	SEAL-O-RING (98.02MM ID)	
Y	8	1	**103-6092**	1	SENSOR GP-PRESSURE	184
	9	1	**9X-0262**	1	ADAPTER	
	10	1	**6V-5048**	2	SEAL-O-RING (8.92MM ID)	
Y	11	1	**106-0735**	1	SENSOR GP-TEMPERATURE	192
	12	1	**8L-2786**	2	SEAL-O-RING (16.36MM ID)	
	13	1	**4P-0707**	2	CLAMP AS	
	14	1	**0L-2070**	1	BOLT (3/8-16X2.25IN)	
	15	1	**5M-2894**	1	WASHER (2.5MM THK)	
	16	1	**8T-1686**	1	ELBOW-90 DEGREE	
	17	1	**033-6033**	1	SEAL-O-RING (12.42MM ID)	
	18	1	**127-1969**	1	TUBE AS	

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION

126-7292 **PUMP & MTG GP-UNIT INJ HYD** ***(contd.)*** **i01067188**



GRAPHIC #1 g00086494

126-7292 PUMP & MTG GP-UNIT INJ HYD

S/N 8OM2773-UP

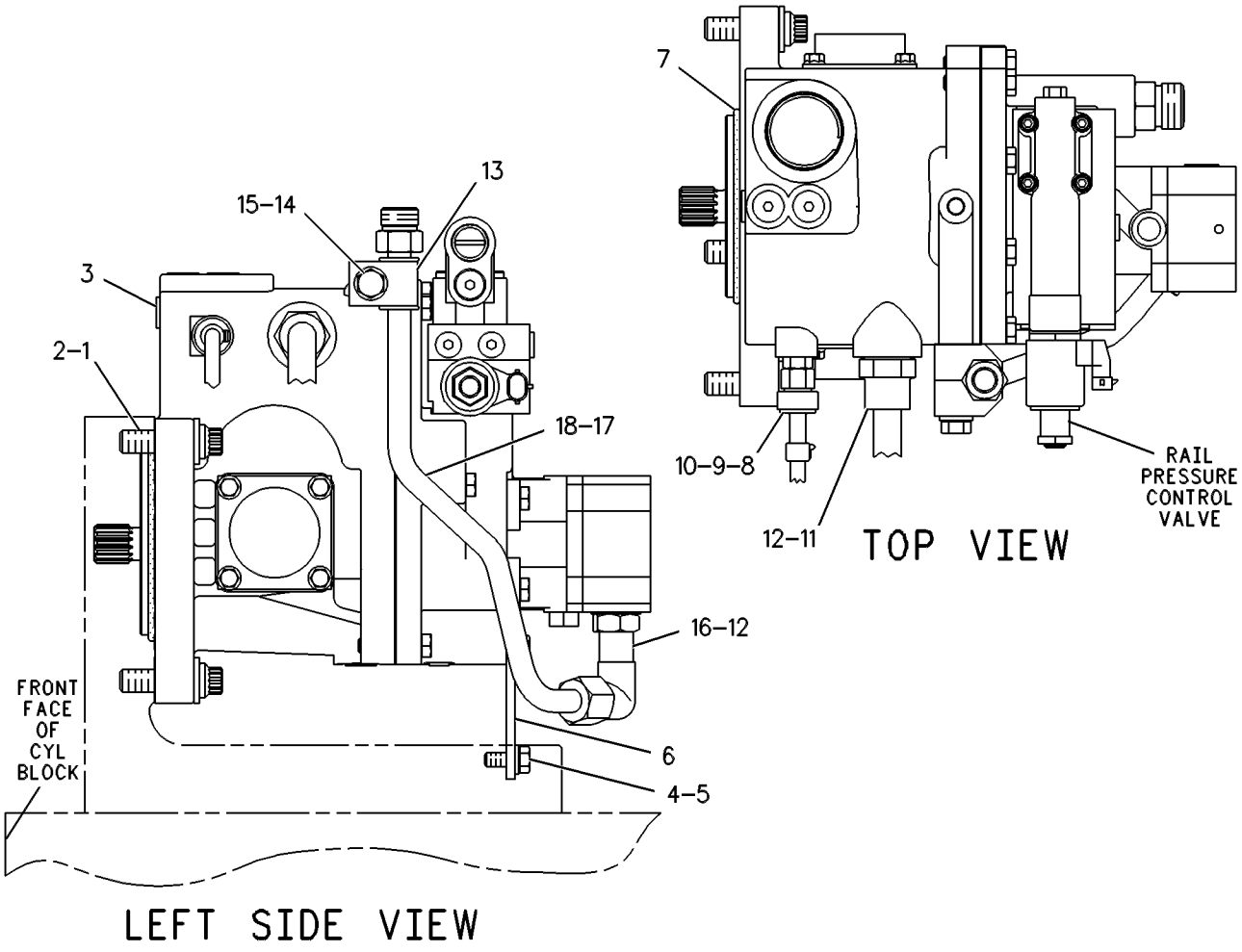
PART OF 122-1117 ENGINE AR

SMCS-1714 **i01132067**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**5P-5855**	3	BOLT-12 POINT HEAD	
	2	1	**5P-8245**	3	WASHER-HARD (3MM THK)	
CY	3	1	**144-0835**	1	PUMP GP-UNIT INJECTOR HYD	132
	4	1	**0S-1617**	4	BOLT (5/16-18X.75IN)	
	5	1	**9M-1974**	4	WASHER-HARD (2MM THK)	
	6	1	**118-8157**	1	SUPPORT-PUMP	
	7	1	**6V-1197**	1	SEAL-O-RING (98.02MM ID)	
Y	8	1	**161-9931**	1	SENSOR GP-PRESSURE	190
	9	1	**9X-0262**	1	ADAPTER	
	10	1	**6V-5048**	2	SEAL-O-RING (8.92MM ID)	
Y	11	1	**106-0735**	1	SENSOR GP-TEMPERATURE	192
	12	1	**8L-2786**	2	SEAL-O-RING (16.36MM ID)	
	13	1	**4P-0707**	2	CLAMP AS	
	14	1	**0L-2070**	1	BOLT (3/8-16X2.25IN)	
	15	1	**5M-2894**	1	WASHER (2.5MM THK)	
	16	1	**8T-1686**	1	ELBOW-90 DEGREE (3/4-16 THD)	
	17	1	**033-6033**	1	SEAL-O-RING (12.42MM ID)	
	18	1	**127-1969**	1	TUBE AS	

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION

126-7292 **PUMP & MTG GP-UNIT INJ HYD** ***(contd.)*** **i01132067**



GRAPHIC #1 g00086494

108-7090 PUMP GP-FUEL INJECTION

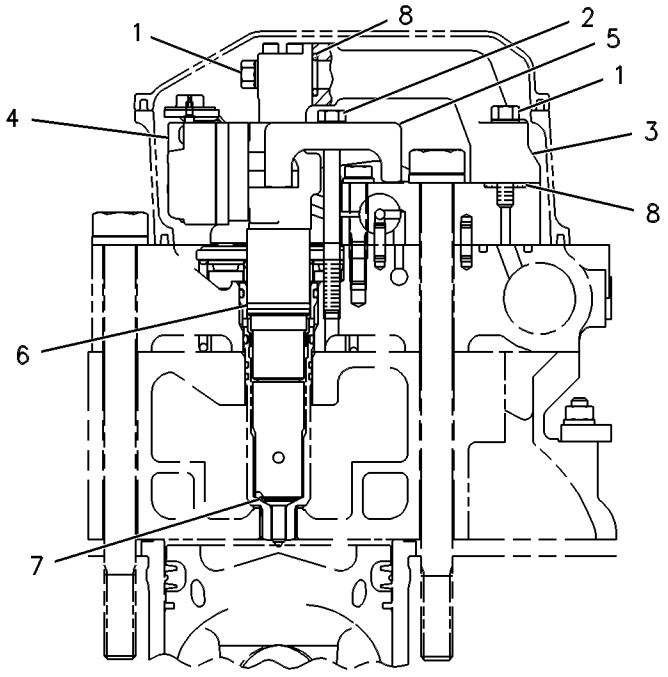
S/N 80M861-2331

PART OF 122-1117 ENGINE AR

SMCS-1251 **i00856736**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**2P-3206**	4	BOLT-WASHER HEAD	
	2	1	**1A-5964**	1	BOLT (3/8-16X4.5IN)	
	3	1	**119-1708**	1	ELBOW-INJECTOR	
YC	4	1	*138-8756*	1	INJECTOR GP-FUEL	109
	5	1	**107-9326**	1	CLAMP-INJECTOR	
	6	1	**3E-6747**	1	SEAL-O-RING (32.99MM ID)	
	7	1	**9X-7681**	1	SEAL-O-RING (18.77MM ID)	
	8	1	**116-7221**	2	SEAL-RECTANGULAR	

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION



FRONT VIEW

GRAPHIC #1 g00086488

FUEL SYSTEM

108-7090 PUMP GP-FUEL INJECTION

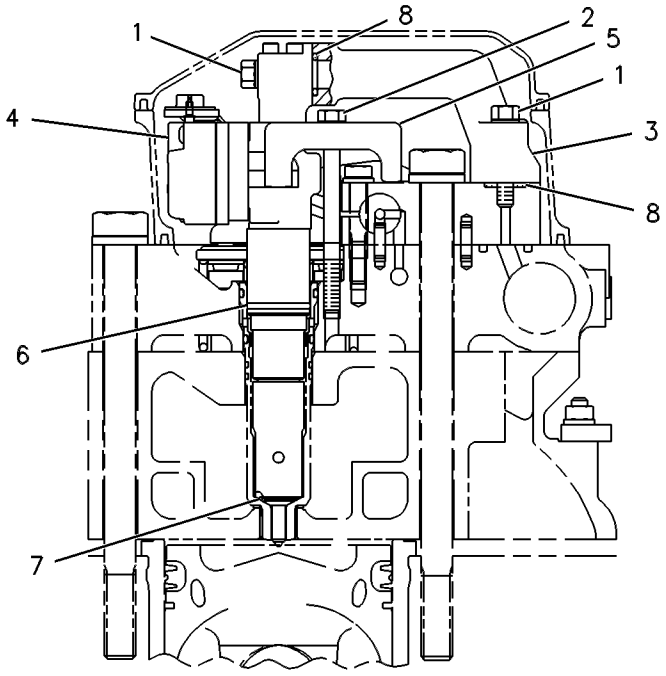
S/N 80M2332-2882

PART OF 122-1117 ENGINE AR

SMCS-1251 **i00886482**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**2P-3206**	4	BOLT-WASHER HEAD	
	2	1	**1A-5964**	1	BOLT (3/8-16X4.5IN)	
	3	1	**119-1708**	1	ELBOW-INJECTOR	
Y	4	1	*159-0836*	1	INJECTOR GP-F	110
	5	1	**107-9326**	1	CLAMP-INJECTOR	
	6	1	**3E-6747**	1	SEAL-O-RING (32.99MM ID)	
	7	1	**9X-7681**	1	SEAL-O-RING (18.77MM ID)	
	8	1	**116-7221**	2	SEAL-RECTANGULAR	

Y-SEPARATE ILLUSTRATION



FRONT VIEW

GRAPHIC #1 g00086488

108-7090 PUMP GP-FUEL INJECTION

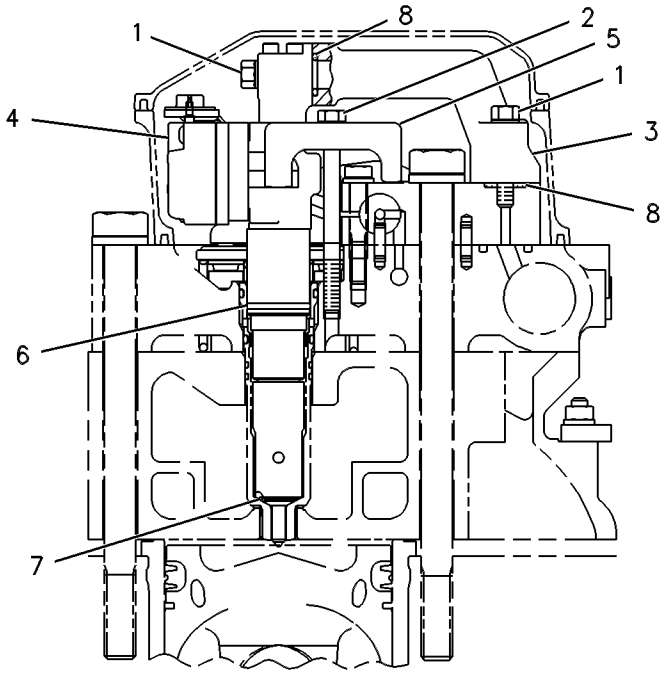
S/N 8OM2883-UP

PART OF 122-1117 ENGINE AR

SMCS-1251 **i01110578**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**2P-3206**	4	BOLT-WASHER HEAD	
	2	1	**1A-5964**	1	BOLT (3/8-16X4.5IN)	
	3	1	**119-1708**	1	ELBOW-INJECTOR	
CY	4	1	*174-7527*	1	INJECTOR GP-FUEL	111
	5	1	**107-9326**	1	CLAMP-INJECTOR	
	6	1	**3E-6747**	1	SEAL-O-RING (32.99MM ID)	
	7	1	**9X-7681**	1	SEAL-O-RING (18.77MM ID)	
	8	1	**116-7221**	2	SEAL-RECTANGULAR	

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION



FRONT VIEW

GRAPHIC #1 g00086488

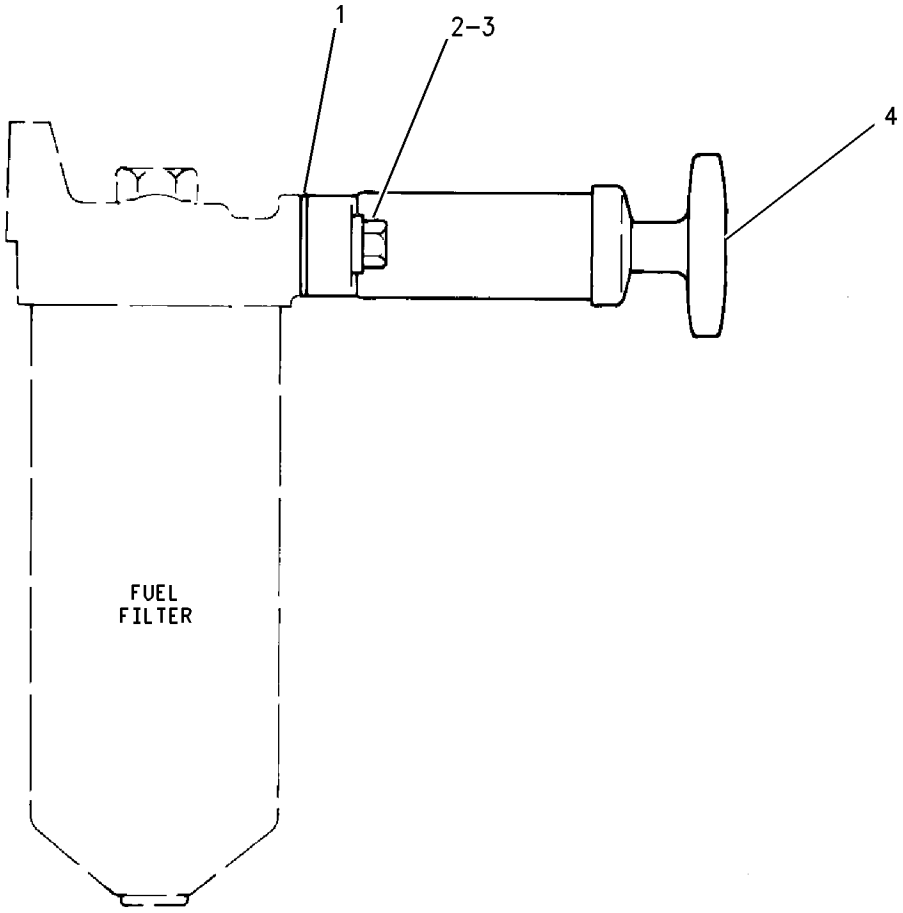
8N-7763 PUMP GP-FUEL PRIMING

PIN 2KZ1-302

PART OF 122-4986 INSTALLATION AR-ENGINE

SMCS-1258 **i01187016**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9Y-8389**	1	GASKET	
	2	1	**1B-2790**	1	BOLT (5/16-18X1.375IN)	
		1	**9M-1974**	1	WASHER-HARD (2MM THK)	
	3	1	**7B-2742**	1	BOLT (1/4-20X1.25IN)	
		1	**5P-0537**	1	WASHER (2MM THK)	
	4	1	**2W-2605**	1	PUMP AS-FUEL PRIMING	
		1	**1H-8171**	1	SEAL-O-RING (20.22MM ID)	
		1	**7E-5346**	2	VALVE AS	



GRAPHIC #1 g00635844

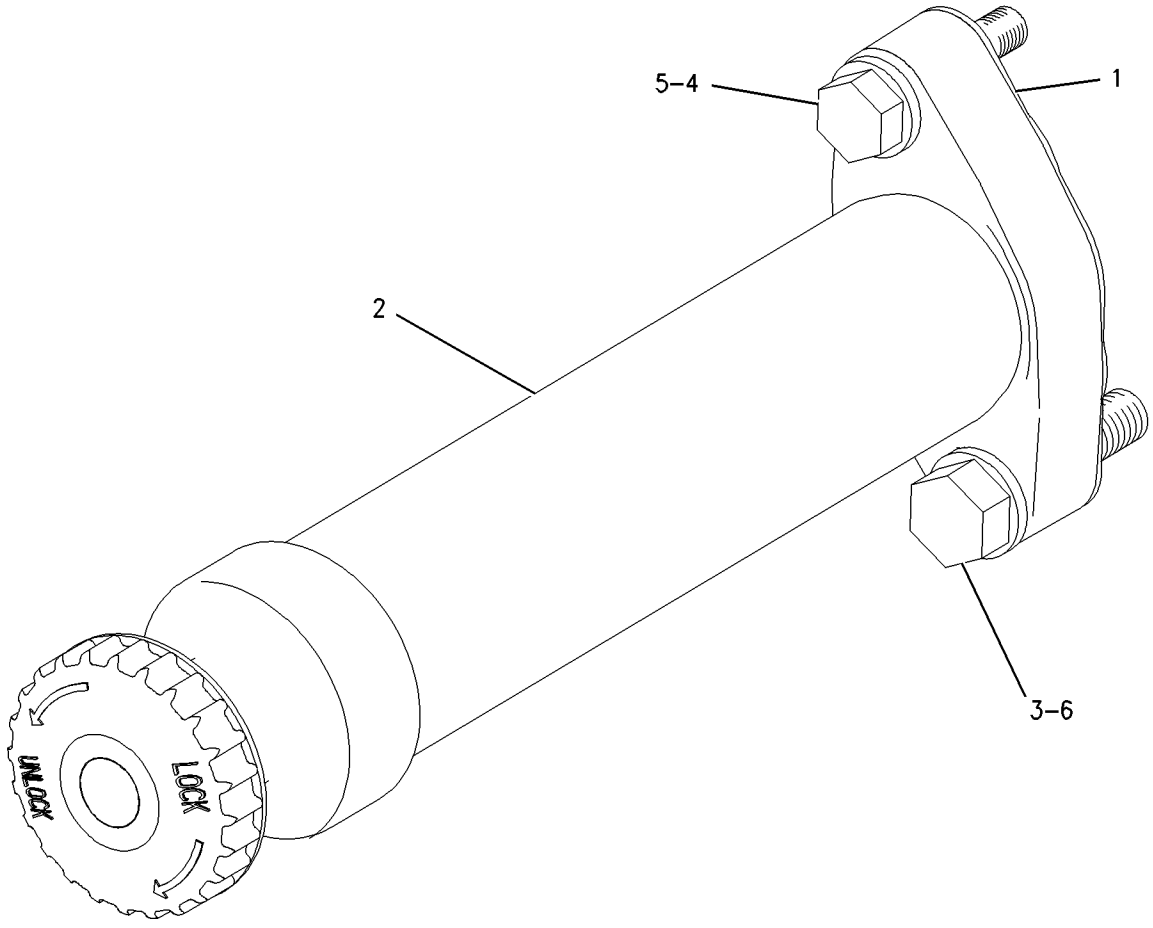
165-9154 PUMP GP-FUEL PRIMING

PIN 2KZ303-UP

PART OF 122-4986 INSTALLATION AR-ENGINE

SMCS-1258 **i01225401**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9Y-8389**	1	GASKET	
	2	1	**183-2823**	1	PUMP AS-FUEL PRIMING	
	3	1	**1B-2790**	1	BOLT (5/16-18X1.375IN)	
	4	1	**5P-0537**	1	WASHER (2MM THK)	
	5	1	**7B-2742**	1	BOLT (1/4-20X1.25IN)	
	6	1	**9M-1974**	1	WASHER-HARD (2MM THK)	



GRAPHIC #1 g00655069

MEMORANDA

144-0835 PUMP GP-UNIT INJECTOR HYD

S/N 80M861-2693, 2773-UP

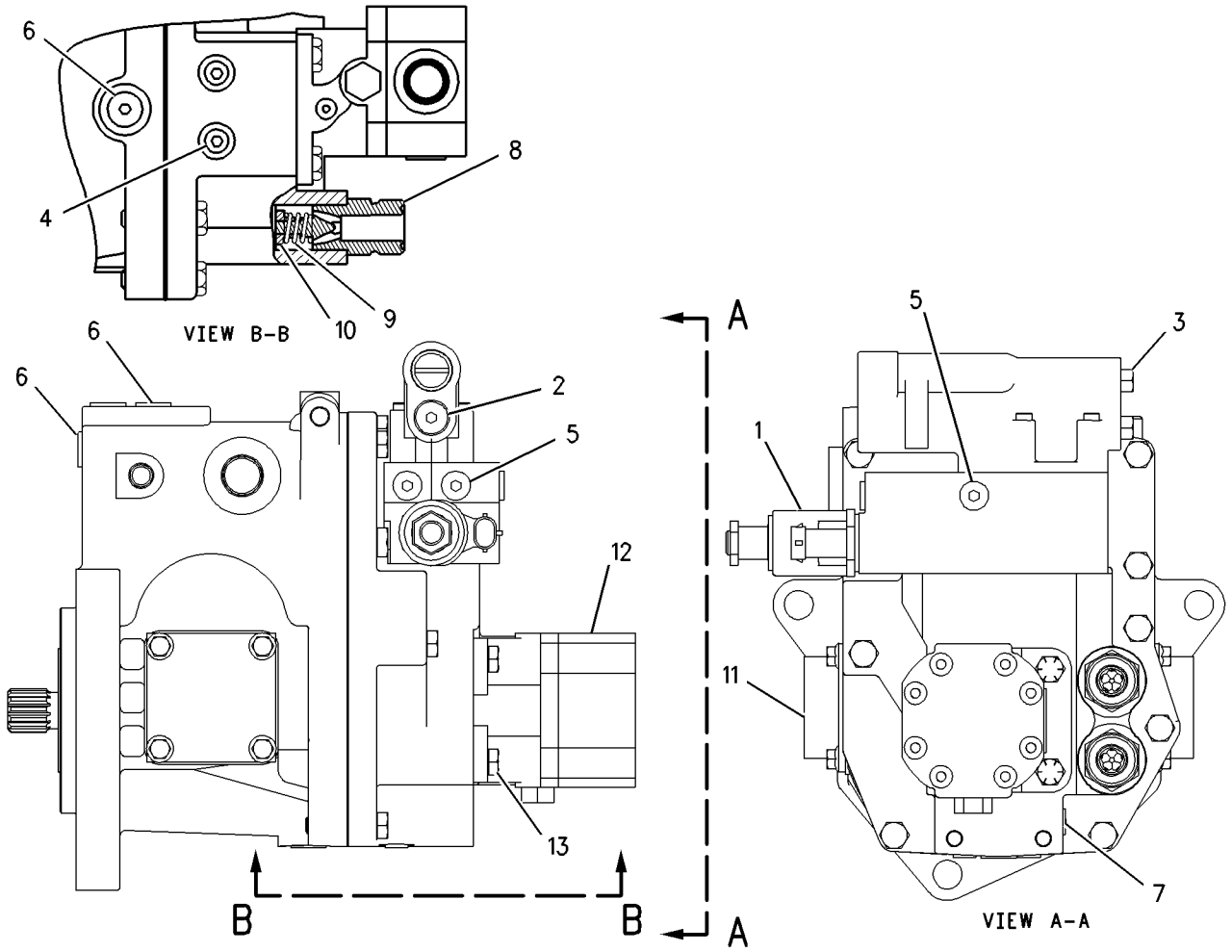
PART OF 126-7292 PUMP & MTG GP-UNIT INJ HYD

SMCS-1714 **i01232182**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**107-0677**	1	VALVE GP-SOLENOID (UNIT INJECTOR HYDRAULIC)	138
	2	1	**9S-8003**	1	PLUG-O-RING (1/2-20 THD)	
	3	1	**9S-4180**	2	PLUG-O-RING (5/16-24 THD)	
	4	1	**9S-8001**	2	PLUG-O-RING (5/16-24 THD)	
	5	1	**9S-8002**	3	PLUG-O-RING (7/16-20 THD)	
	6	1	**9S-8004**	4	PLUG-O-RING (9/16-18 THD)	
	7	1	**9S-8007**	1	PLUG-O-RING (3/8-24 THD)	
	8	1	**138-4309**	2	FITTING	
	9	1	**138-4311**	2	SPRING	
	10	1	**138-4313**	2	VALVE	
	11	1	**144-0837**	1	PUMP GP-UNIT INJECTOR HYD	
	12	1	**149-1950**	1	PUMP GP-FUEL TRANSFER	
	13	1	**0S-1617**	4	BOLT (5/16-18X.75IN)	
F			**117-1620**	1	COUPLING (FUEL TRANSFER)	
F			**154-6734**	1	BEARING (REAR)	
F			**6V-8676**	1	SEAL-O-RING (48.90MM ID) (FUEL TRANSFER)	
F			**9X-7680**	3	SEAL-O-RING (7.65MM ID) (COMPENSATOR TO ADAPTER)	
F			**135-2652**	1	SEAL-O-RING (17.17MM ID) (COMPENSATOR TO ADAPTER)	
F			**164-0759**	4	BOLT-SOCKET HEAD (COMPENSATOR)	
F			**165-6881**	1	SEAL-LIP TYPE	
F			**174-8943**	1	SLEEVE (COMPENSATOR)	
					AVAILABLE REPAIR KIT(S):	
			154-6735	1	KIT-BEARING	
					(INCLUDES A SET OF TWO YOKE BEARINGS)	
			154-6732	1	KIT-FUEL INJECTION PUMP (REBUILD)	
					(INCLUDES YOKE, SHAFT, CONTROL PISTON, SEAL KIT & FRONT BEARING)	
Y			**138-6256**	1	KIT-SEAL (UNIT INJECTOR HYDRAULIC)	112
					(INCLUDES SEALS & GASKET)	
			166-5985	1	KIT-UNIT INJ HYD PUMP COMP	
					(INCLUDES COMPENSATOR SUB ASSEMBLY, SEAL-O-RINGS, SLEEVE, WIRE SEAL, LOCK WIRE, AND COMPENSATOR PLUGS)	

F-NOT SHOWN
Y-SEPARATE ILLUSTRATION

144-0835 PUMP GP-UNIT INJECTOR HYD *(contd.)* i01232182



GRAPHIC #1 g00633271

169-1034 PUMP GP-UNIT INJECTOR HYD

S/N 80M2694-2772

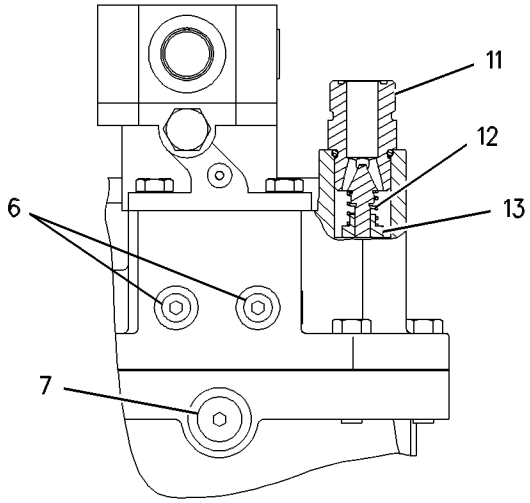
PART OF 126-7292 PUMP & MTG GP-UNIT INJ HYD

SMCS-1714 **i01167098**

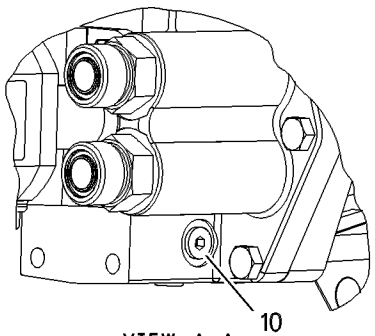
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**107-0677**	1	VALVE GP-SOLENOID (UNIT INJECTOR HYDRAULIC)	138
	2	1	**161-8627**	1	KIT-PLUG	
	3	1	**149-1950**	1	PUMP GP-FUEL TRANSFER	
	4	1	**169-1035**	1	PUMP GP-INJECTOR HYDRAULIC	
	5	1	**0S-1617**	4	BOLT (5/16-18X.75IN)	
	6	1	**9S-8001**	2	PLUG-O-RING (5/16-24 THD)	
	7	1	**9S-8004**	4	PLUG-O-RING (9/16-18 THD)	
	8	1	**9S-8002**	3	PLUG-O-RING (7/16-20 THD)	
	9	1	**9S-4180**	2	PLUG-O-RING (5/16-24 THD)	
	10	1	**9S-8007**	1	PLUG-O-RING (3/8-24 THD)	
	11	1	**138-4309**	2	FITTING	
	12	1	**138-4311**	2	SPRING	
	13	1	**138-4313**	2	VALVE	
	14	1	**164-0759**	4	BOLT-SOCKET HEAD	
F			**117-1620**	1	COUPLING	
F			**154-6734**	1	BEARING	
F			**154-6735**	2	BEARING-PINTLE	
					AVAILABLE REPAIR KIT(S):	
Y			**138-6256**	1	KIT-SEAL (UNIT INJECTOR HYDRAULIC)	112
			154-6732	1	KIT-FUEL INJECTION PUMP	
					(INCLUDES YOKE, SHAFT, PISTON-CONTROL, SEAL KIT, & BEARING FRONT)	
			166-5985	1	KIT-UNIT INJ HYD PUMP COMP	
					(INCLUDES SEAL O-RING, SLEEVE, WIRE SEAL, LOCK WIRE & PLUGS)	

F-NOT SHOWN
Y-SEPARATE ILLUSTRATION

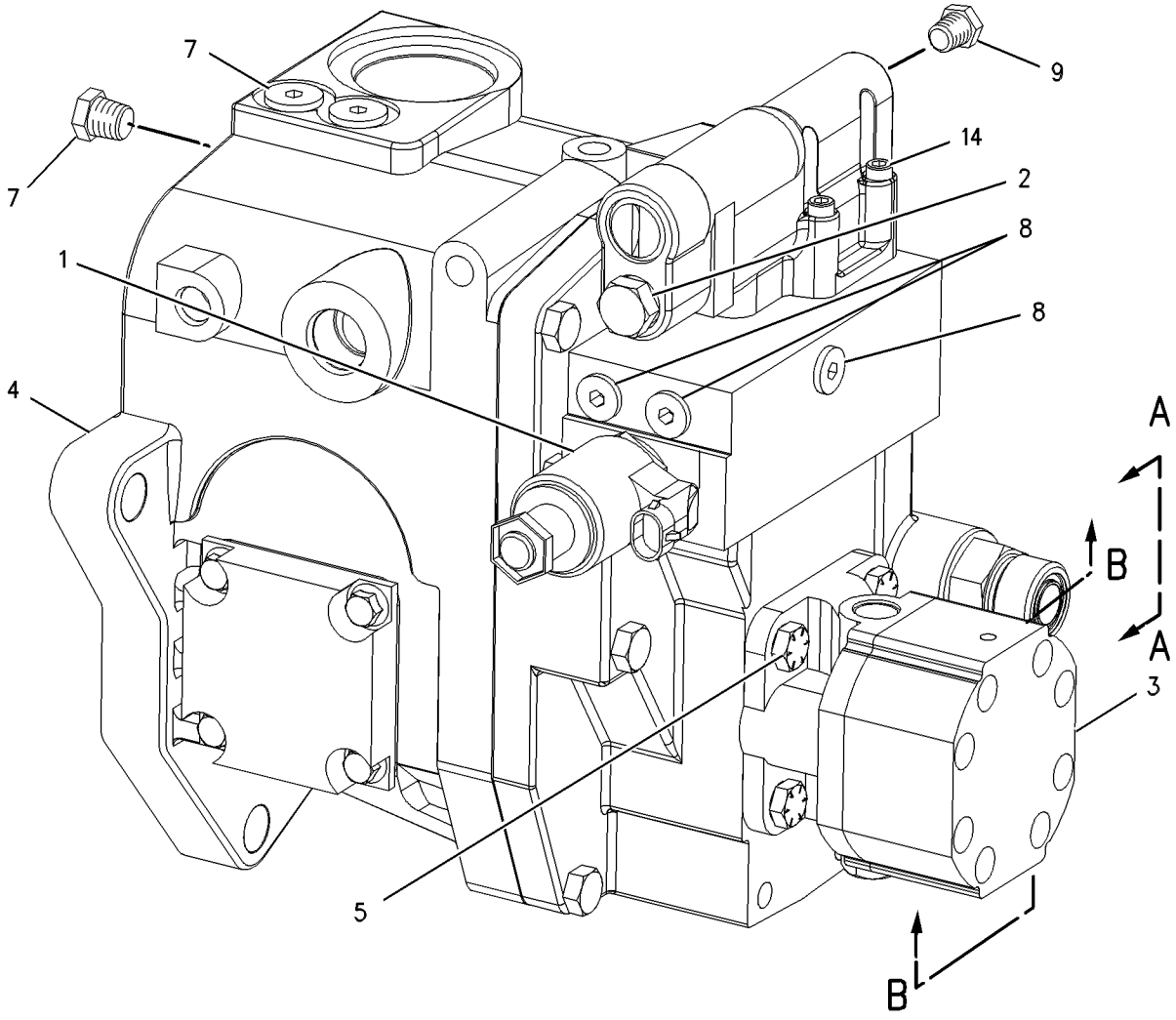
169-1034 PUMP GP-UNIT INJECTOR HYD *(contd.)* i01167098



VIEW B-B



VIEW A-A



GRAPHIC #1 g00552592

FUEL SYSTEM

3Q-6999 TANK GP-FUEL

PIN 2KZ1-UP

PART OF 152-9752 CHASSIS AR

SMCS-1273 **i01229055**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	**8T-4139**	4	BOLT (M12X1.75X30MM)	
M	**8T-4185**	4	BOLT (M10X1.5X50MM)	
M	**8T-5460**	4	BOLT (M20X2.5X40MM)	
M	**8T-6430**	4	BOLT (M20X2.5X50MM)	
	7X-7700	1	CAP AS-FUEL TANK	
	9X-2205	1	KIT-CAP FILTER	
	9X-8600	1	SEAL-O-RING (110.49MM ID)	
	4D-7794	2	CLIP (10.0MM ID)	
	7N-3718	1	CLIP (9.52MM ID)	
	101-4341	1	GUARD	
	123-1053	1	HARNESS AS	
M	**8T-4133**	2	NUT (M10X1.50 THD)	
	9S-9334	1	PLUG (1 5/16-12 THD)	
	4H-9027	2	PLUG-PIPE (2-11 1/2 NPTF THD)	
	4E-5806	1	PLUNGER	
	1H-8306	1	SCREW-PURGE (1/2-20X1.625IN)	
	6V-5051	1	SEAL-O-RING (75.57MM ID)	
	7M-8485	1	SEAL-O-RING (29.74MM ID)	
Y	**124-9325**	1	SENSOR GP-FUEL LEVEL	180
	9P-7121	1	STRAINER-FUEL TANK	
	3S-2093	8	STRAP-CABLE	
	1C-7313	1	TANK AS	
	7X-0582	8	WASHER-HARD (6MM THK)	
	8T-4121	6	WASHER-HARD (2.5MM THK)	
	8T-4223	4	WASHER-HARD (3MM THK)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION

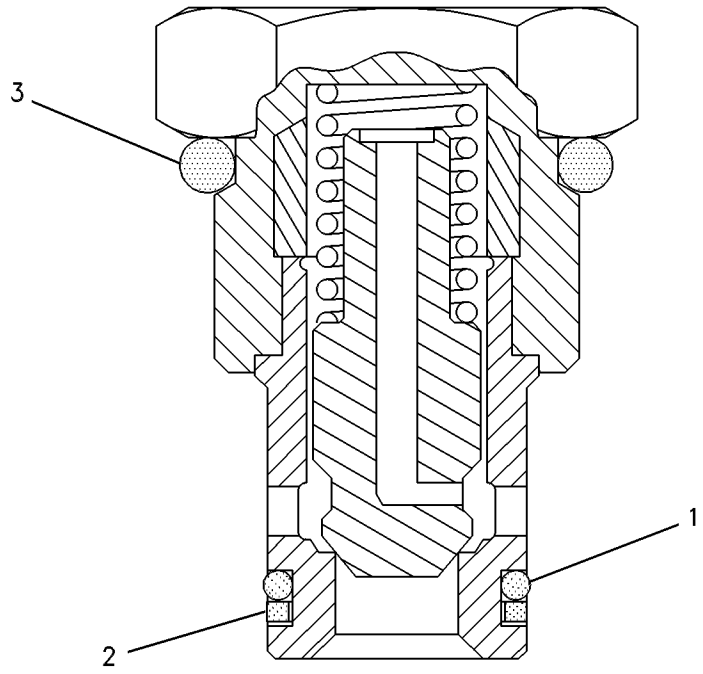
102-7535 VALVE GP-PRESSURE CONTROL

S/N 80M861-UP

PART OF 114-5212 LINES GP-FUEL FILTER

SMCS-1715 **i01022640**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**033-6033**	1	SEAL-O-RING (12.42MM ID)	
	2	1	**6V-6923**	1	RING-BACKUP (13.16MM ID)	
	3	1	**6V-4589**	1	SEAL-O-RING (19.18MM ID)	



GRAPHIC #1 g00278840

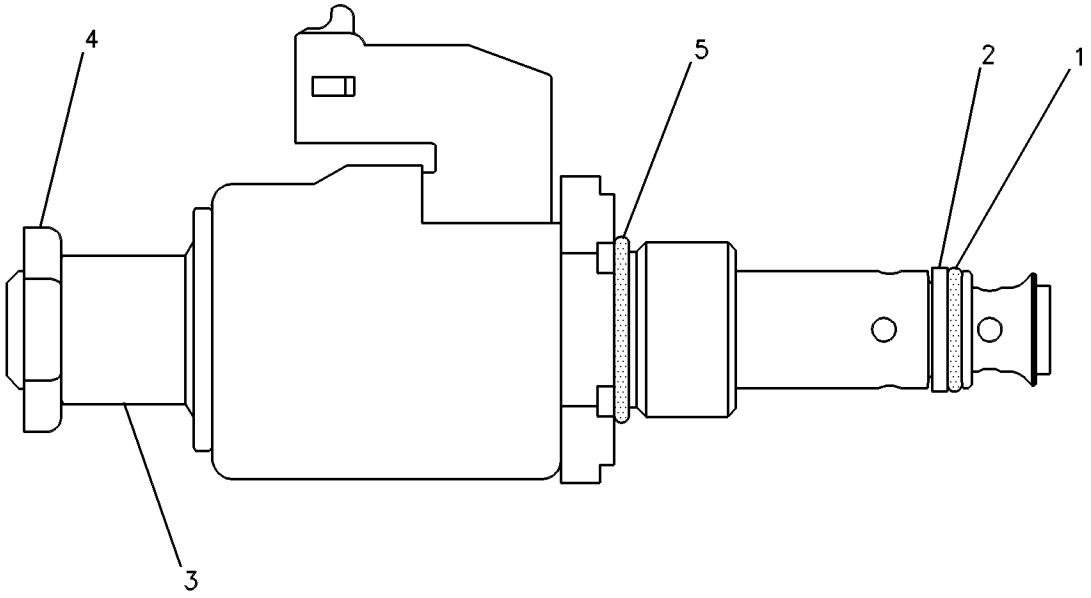
107-0677 VALVE GP-SOLENOID–UNIT INJECTOR HYD

S/N 80M861-UP
PRESSURE CONTROL
PART OF 144-0835, 169-1034 PUMP GP-UNIT INJECTOR HYD

SMCS-1259 **i01045749**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
J	1	1	**033-6039**	1	SEAL-O-RING (9.25MM ID)	
J	2	1	**123-3132**	1	RING-BACKUP	
J	3	1	**9X-5535**	1	SPACER	
J	4	1	**8C-6711**	1	NUT-RETAINER	
J	5	1	**033-6028**	1	SEAL-O-RING (16.36MM ID)	
					AVAILABLE REPAIR KIT(S):	
J			**9X-1484**	1	KIT-SEAL	

J-KIT MARKED J INCLUDES PARTS MARKED J



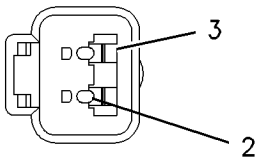
GRAPHIC #1 g00452590

3E-6328 ALARM GP–ACTION

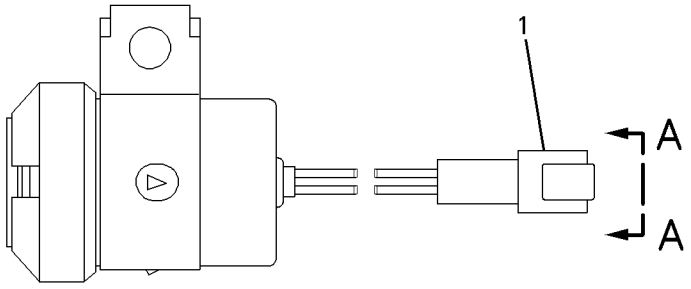
PIN 2KZ1-UP
24 VOLT
PART OF 123-8361 PANEL GP-INSTRUMENT

SMCS-7406, 7407 **i01253266**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**102-8802**	1	KIT-RECEPTACLE (2 PIN)	
					(INCLUDES WEDGE)	
	2	1	**8T-8729**	2	PIN-CONNECTOR	
	3	1	**3E-3365**	1	WEDGE-RECEPTACLE LOCK	



VIEW A–A



GRAPHIC #1 g00667776

4P-3808 ALTERNATOR GP-CHARGING

PIN 2KZ1-UP

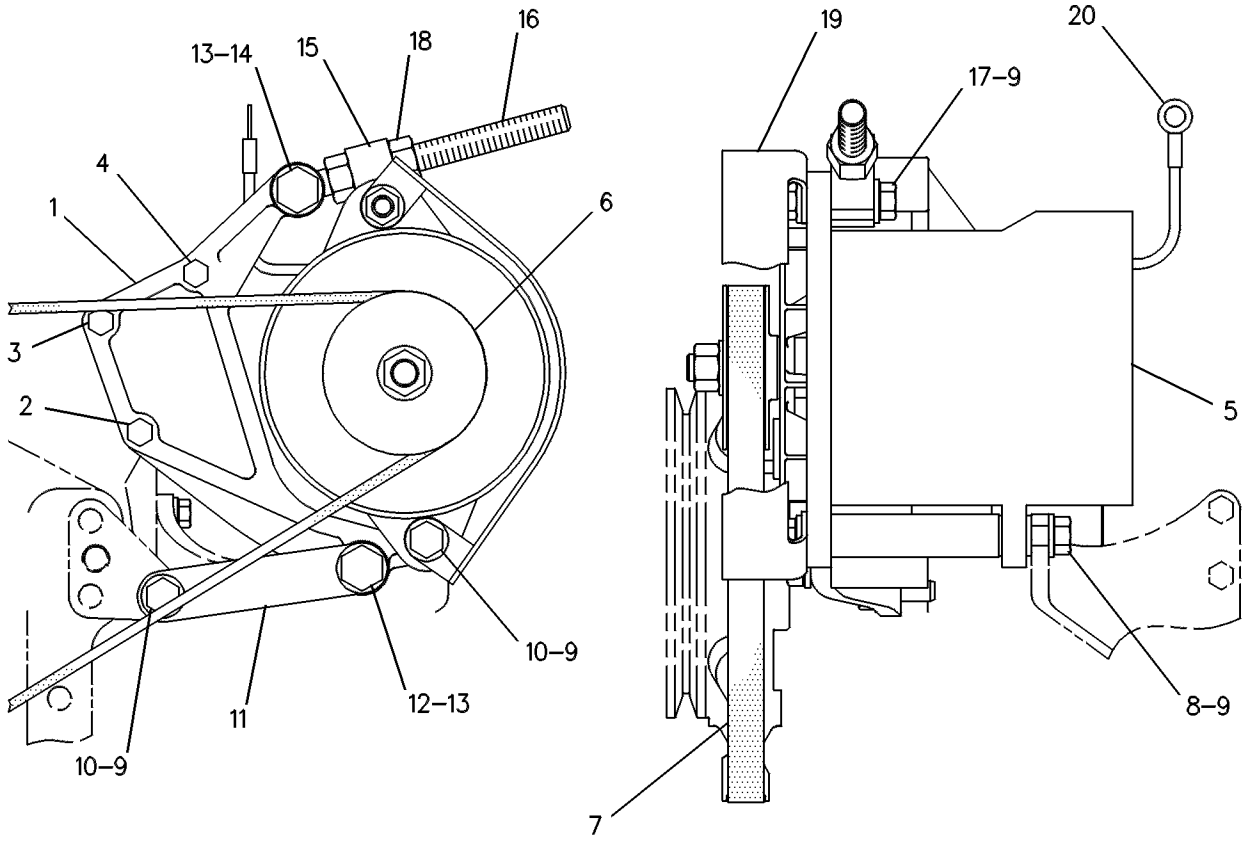
PART OF 122-4986 INSTALLATION AR-ENGINE

SMCS-1405 **i00174000**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**101-2655**	1	SUPPORT-ALTERNATOR	
	2	1	**8T-9378**	1	BOLT (3/8-16X4IN)	
	3	1	**5S-7383**	1	BOLT (3/8-16X1.75IN)	
	4	1	**7X-0294**	1	BOLT (3/8-16X5IN)	
YR	5	1	**9X-7803**	1	ALTERNATOR GP-CHARGING	142
	6	1	**100-4019**	1	PULLEY-ALTERNATOR	
	7	1	**129-3574**	1	BELT	
M	8	1	**8T-4194**	1	BOLT (M12X1.75X50MM)	
	9	1	**8T-4223**	5	WASHER-HARD (3MM THK)	
M	10	1	**8T-4956**	2	BOLT (M12X1.75X35MM)	
	11	1	**4P-8769**	1	BRACKET	
M	12	1	**8T-7338**	1	BOLT (M16X2.0X45MM)	
	13	1	**9X-8257**	2	WASHER (3.50MM THK)	
M	14	1	**8T-4193**	1	BOLT (M16X2.0X50MM)	
	15	1	**8S-5383**	1	BLOCK	
	16	1	**101-2657**	1	ROD-ADJUSTMENT	
	17	1	**0S-1623**	1	BOLT (1/2-13X3IN)	
		1	**6V-8188**	1	NUT (1/2-13 THD)	
M	18	1	**8T-4132**	2	NUT (M16X2.0 THD)	
	19	1	**108-1287**	1	GUARD	
	20	1	**3W-8754**	1	WIRE AS	

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

4P-3808 **ALTERNATOR GP-CHARGING** *(contd.)* **i00174000**



GRAPHIC #1 g00120116

9X-7803 ALTERNATOR GP-CHARGING*R

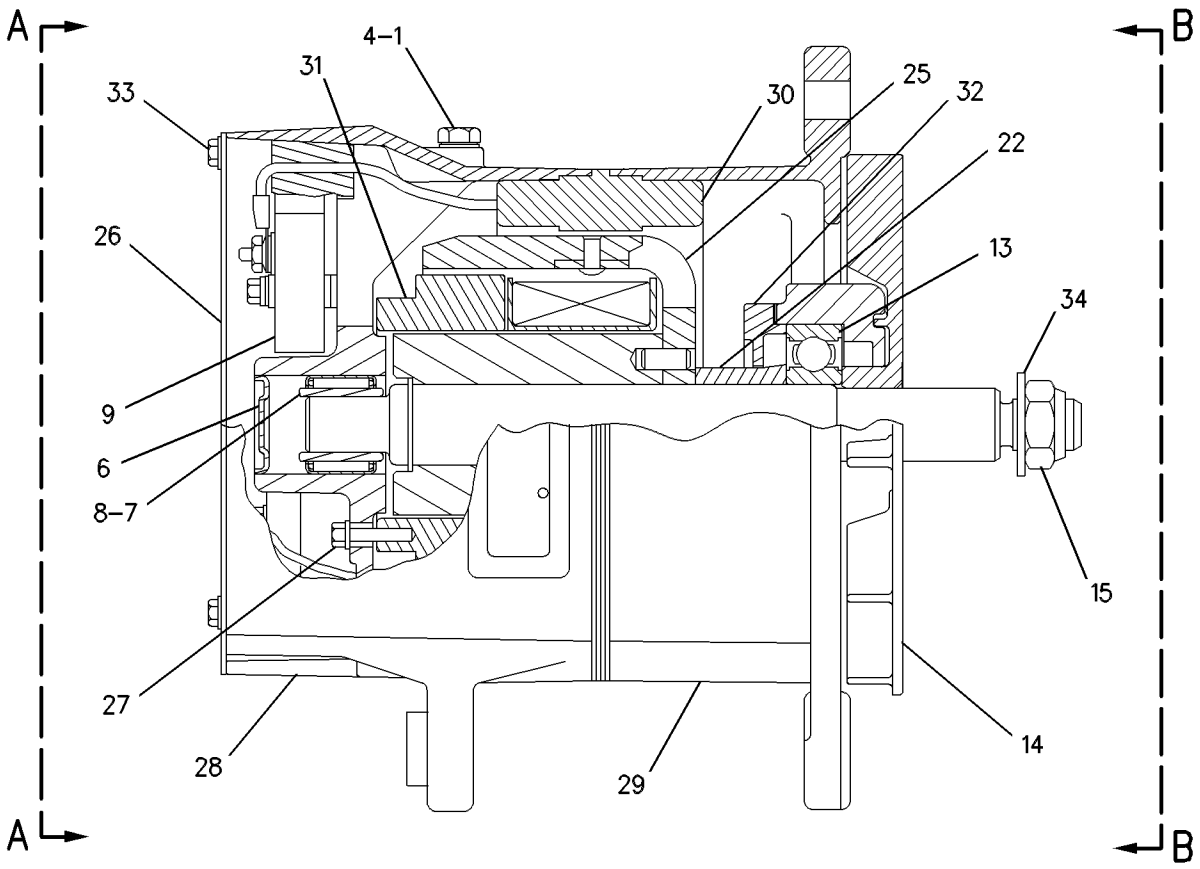
PIN 2KZ1-UP
24 VOLT, 100 AMP
PART OF 4P-3808 ALTERNATOR GP-CHARGING

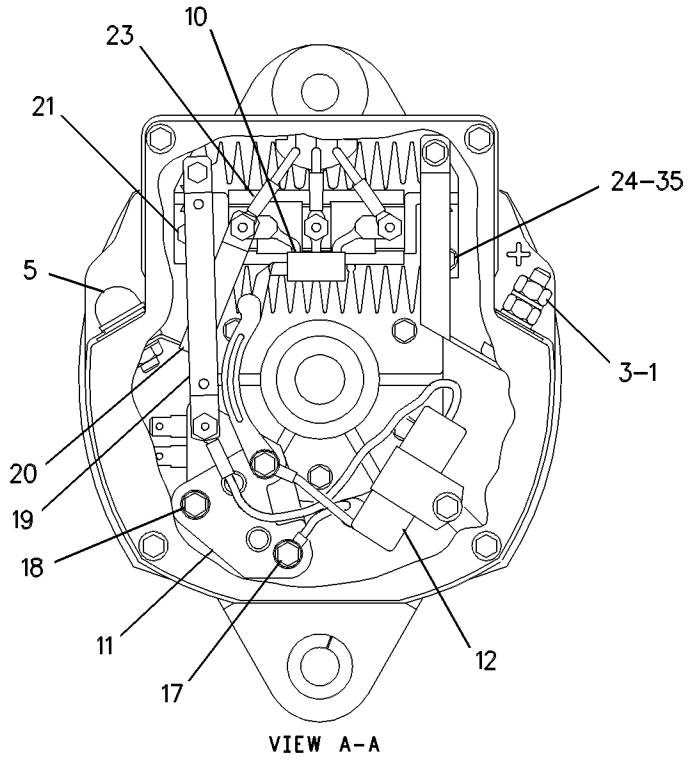
SMCS-1405 **i00987637**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8T-4205**	2	WASHER-HARD (2MM THK)	
		1	**1H-3244**	2	LOCKWASHER (NO.14)	
	2	1	**9X-2500**	4	SCREW-HEX FLANGE	
	3	1	**6V-8187**	1	NUT (1/4-28 THD)	
	4	1	**5S-7349**	1	BOLT (1/4-20X0.5IN)	
	5	1	**9L-6770**	1	CAP	
	6	1	**9N-0943**	1	PLUG-BEARING WELL	
	7	1	**5P-3418**	1	BEARING-ROLLER	
	8	1	**5P-3419**	1	RACE-BEARING INNER	
	9	1	**9L-6776**	1	RECTIFIER AS	
	10	1	**6N-1944**	1	DIODE AS	
	11	1	**3T-6354**	1	REGULATOR AS	
	12	1	**105-3763**	1	CAPACITOR AS-ALTERNATOR	
	13	1	**5P-7807**	1	BALL BEARING	
	14	1	**100-6531**	1	FAN-ALTERNATOR	
	15	1	**2K-4821**	1	LOCKNUT (5/8-18 THD)	
	16	1	**9S-2009**	4	SCREW-HEAD	
	17	1	**6N-1872**	2	SCREW AS	
	18	1	**7N-9023**	1	SCREW AS	
	19	1	**106-7689**	1	CONNECTOR-ALTERNATOR	
	20	1	**106-7690**	1	CONNECTOR-ALTERNATOR	
	21	1	**9S-2544**	2	SCREW-HEX HEAD	
		1	**9B-7233**	2	LOCKWASHER (NO.8)	
	22	1	**100-6532**	1	COLLAR-ALTERNATOR	
	23	1	**2L-8075**	3	TERMINAL (HORN)	
	24	1	**7N-9021**	2	SCREW AS	
	25	1	**9S-2302**	1	ROTOR AS	
	26	1	**9N-0942**	1	PLATE-COVER	
	27	1	**9N-3388**	5	LOCKSCREW	
	28	1	**106-7687**	1	HOUSING AS-ALTERNATOR	
	29	1	**2P-5616**	1	FRAME-DRIVE END	
	30	1	**8T-9762**	1	STATOR AS	
	31	1	**106-7688**	1	COIL AS-ALTERNATOR	
	32	1	**9S-2390**	1	RETAINER	
	33	1	**030-9612**	4	SCREW-FORMING	
	34	1	**7F-7621**	1	WASHER	
	35	1	**8T-0328**	2	WASHER-HARD (1MM THK)	
					AVAILABLE REPAIR KIT(S):	
			9S-2013	1	KIT-RELAY TERMINAL	
					(INCLUDES BUSHING, WASHERS, NUT AS, & STUD)	
			105-3764	1	KIT-ALTERNATOR TERMINAL	
					(INCLUDES TERMINAL AS, INSULATOR, BUSHING, WASHER, NUTS & LOCKWASHERS)	

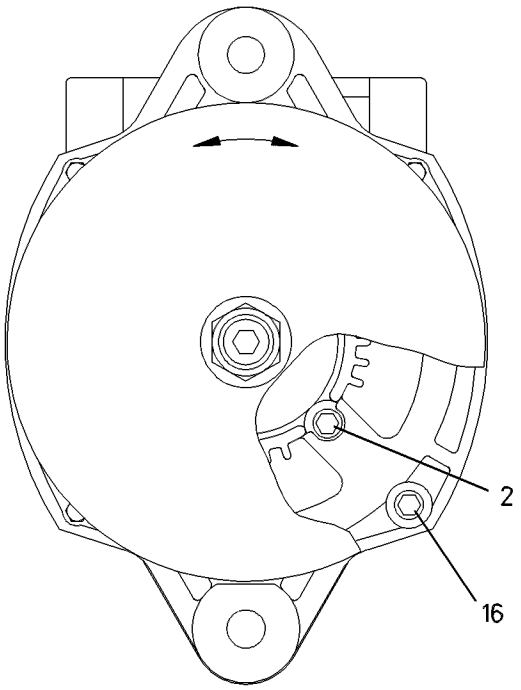
9X-7803 ALTERNATOR GP-CHARGING *(contd.)*

i00987637





VIEW A–A



VIEW B–B

GRAPHIC #1

g00502968

ELECTRICAL AND STARTING SYSTEM

8R-5655 BATTERY & WIRING GP

PIN 2KZ1-UP

PART OF 152-9752 CHASSIS AR

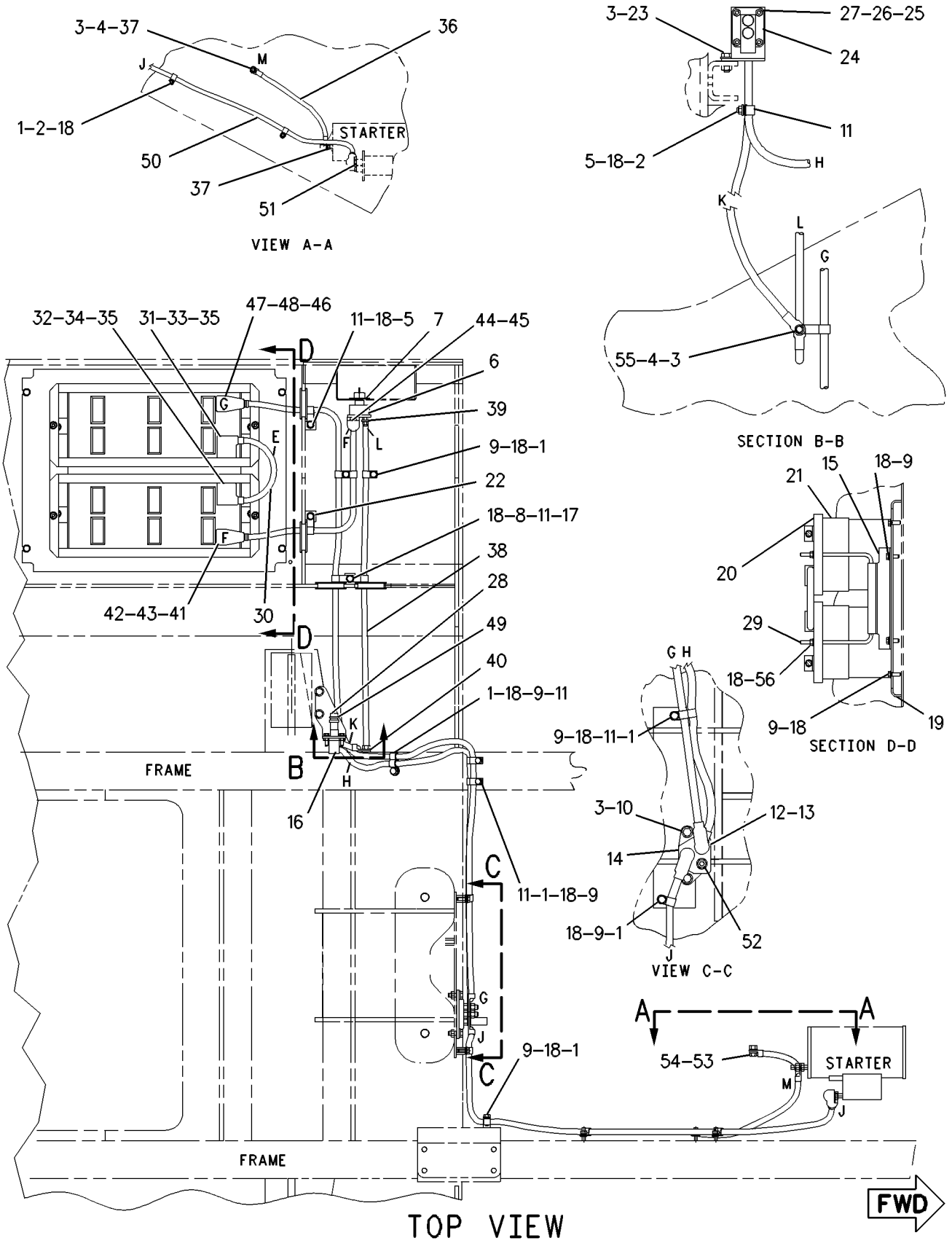
SMCS-1401, 1408 **i01229083**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9M-8406**	13	CLIP (15.8MM ID)	
M	2	1	**8T-4133**	7	NUT (M10X1.50 THD)	
	3	1	**8T-4223**	6	WASHER-HARD (3MM THK)	
M	4	1	**8T-4244**	2	NUT (M12X1.75 THD)	
M	5	1	**8T-4137**	3	BOLT (M10X1.50X20MM)	
Y	6	1	**7N-0719**	1	SWITCH GP-DISCONNECT (BATTERY)	212
	7	1	**3E-8320**	1	PLATE-INSTRUCTION	
M	8	1	**8T-4182**	1	BOLT (M10X1.5X45MM)	
M	9	1	**8T-4195**	16	BOLT (M10X1.50X30MM)	
M	10	1	**8T-4956**	2	BOLT (M12X1.75X35MM)	
	11	1	**6K-8178**	8	CLIP (15.88MM ID)	
	12	1	**7F-0560**	4	WASHER (2.57MM THK)	
	13	1	**6V-8188**	4	NUT (1/2-13 THD)	
	14	1	**8C-6358**	1	JUNCTION BLOCK AS	
		1	**8C-6921**	3	NUT-SPACER (1/2-13 THD)	
	15	1	**9U-1400**	2	BRACKET	
	16	1	**106-9859**	1	RECEPTACLE AS	
	17	1	**7W-8106**	1	SPACER (15MM THK)	
	18	1	**8T-4121**	27	WASHER-HARD (2.5MM THK)	
	19	1	**9U-1401**	1	PLATE AS	
M		1	**8T-3490**	4	NUT-WELD (M10X1.5 THD)	
	20	1	**9U-1598**	2	FRAME AS	
	21	1	**9X-9730**	2	BATTERY (12 VOLT)(DRY)	
					(EACH INCLUDES)	
		1	**7N-0060**	6	VENT AS	
	22	1	**8D-0482**	4	GROMMET	
M	23	1	**8T-4139**	2	BOLT (M12X1.75X30MM)	
	24	1	**7K-6614**	1	BRACKET	
	25	1	**8T-4224**	8	WASHER-HARD (8.8X16X2MM THK)	
M	26	1	**8T-7547**	4	BOLT (M8X1.25X30MM)	
M	27	1	**5C-7261**	4	NUT (M8X1.25 THD)	
	28	1	**8S-2634**	1	COVER AS	
		1	**2P-2975**	2	SEAL-O-RING (17.17MM ID)	
	29	1	**9U-1399**	2	ROD	
	30	1	**9G-0549**	1	CABLE AS	
E		1	**5P-0747**		CABLE (00GA) (20 CM)	
	31	1	**9G-0003**	1	COVER (BLACK)	
	32	1	**9G-0004**	1	COVER (RED)	
	33	1	**8T-9757**	1	TERMINAL AS	
	34	1	**8C-5917**	1	TERMINAL AS	
					(EACH TERMINAL AS INCLUDES)	
	35	1	**1M-6119**	1	BOLT (5/16-18X1.375IN)	
		1	**1M-6120**	1	NUT-BATTERY TERMINAL (5/16-18 THD)	
	36	1	**061-7278**	1	CABLE AS	
E		1	**5P-0747**		CABLE (00GA) (53 CM)	
	37	1	**1S-7251**	2	TERMINAL (FOR 1/2IN BOLT)	
	38	1	**9U-0859**	1	CABLE AS	
E		1	**5P-0747**		CABLE (00GA) (120 CM)	
	39	1	**1S-7252**	1	TERMINAL (FOR 3/8IN BOLT)	
	40	1	**1S-7251**	1	TERMINAL (FOR 1/2IN BOLT)	
	41	1	**4E-2655**	1	CABLE AS	
E		1	**5P-0747**		CABLE (00GA) (90 CM)	
	42	1	**7N-5274**	1	COVER (BLACK)(BATTERY)	
	43	1	**3S-6050**	1	TERMINAL AS	
		1	**1M-6119**	1	BOLT (5/16-18X1.375IN)	
		1	**1M-6120**	1	NUT-BATTERY TERMINAL (5/16-18 THD)	

8R-5655 **BATTERY & WIRING GP** ***(contd.)*** **i01229083**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	44	1	**1S-7252**	1	TERMINAL (FOR 3/8IN BOLT)	
	45	1	**037-5197**	1	BOOT	
	46	1	**9U-0860**	1	CABLE AS	
E		1	**5P-0761**		CABLE (00GA) (279 CM)	
	47	1	**3S-6050**	1	TERMINAL AS	
		1	**1M-6119**	1	BOLT (5/16-18X1.375IN)	
		1	**1M-6120**	1	NUT-BATTERY TERMINAL (5/16-18 THD)	
	48	1	**8N-1725**	1	COVER (RED)(BATTERY)	
	49	1	**1S-7251**	1	TERMINAL (FOR 1/2IN BOLT)	
		1	**8N-0869**	1	COVER (RED)	
	50	1	**9U-0858**	1	CABLE AS	
E		1	**5P-0761**		CABLE (00GA) (162 CM)	
	51	1	**1S-7251**	2	TERMINAL (FOR 1/2IN BOLT)	
		1	**8N-0869**	2	COVER (RED)	
	52	1	**109-7717**	1	BOOT	
	53	1	**5M-3062**	1	BOLT (3/8-16X.75IN)	
	54	1	**8T-4896**	1	WASHER-HARD (2.5MM THK)	
	55	1	**4S-1936**	1	CLIP (15.0MM ID) (SLOT)	
M	56	1	**8T-0389**	4	LOCKNUT (M10X1.5 THD)	

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



GRAPHIC #1 g00580886

MEMORANDA

104-5679 BATTERY GP

PIN 2KZ1-UP

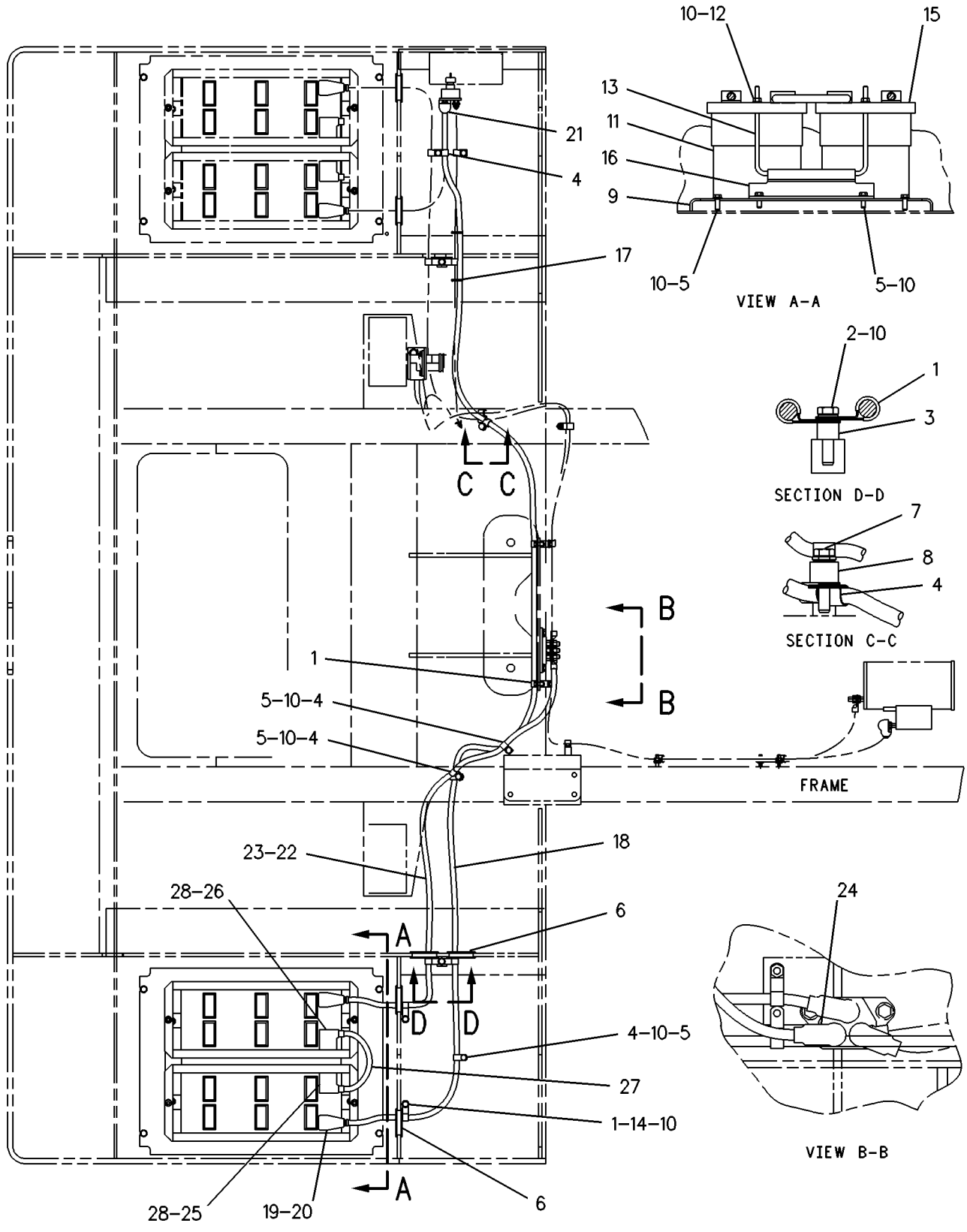
PART OF 125-1150 STARTING AR-COLD WEATHER

SMCS-1401 **i00174188**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6K-8178**	6	CLIP (15.88MM ID)	
M	2	1	**8T-4182**	1	BOLT (M10X1.5X45MM)	
	3	1	**7W-8106**	1	SPACER (15MM THK)	
	4	1	**9M-8406**	7	CLIP (15.8MM ID)	
M	5	1	**8T-4195**	11	BOLT (M10X1.50X30MM)	
	6	1	**8D-0482**	4	GROMMET	
M	7	1	**8T-4185**	1	BOLT (M10X1.50X50MM)	
	8	1	**6P-9592**	1	SPACER	
	9	1	**9U-1401**	1	PLATE AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5 THD)	
	10	1	**8T-4121**	18	WASHER (2.5MM THK)	
	11	1	**9X-9730**	2	BATTERY (12 VOLT)(DRY)	
M	12	1	**8T-4133**	4	NUT (M10X1.50 THD)	
	13	1	**9U-1399**	2	ROD	
M	14	1	**8T-4137**	2	BOLT (M10X1.50X20MM)	
	15	1	**9U-1598**	2	FRAME AS	
	16	1	**9U-1400**	2	BRACKET	
	17	1	**3S-2093**	2	STRAP-CABLE (1.75IN DIA)	
	18	1	**9U-0863**	1	CABLE AS	
E		1	**5P-0747**		CABLE (00 GA)	
	19	1	**3S-6050**	1	TERMINAL AS-NEGATIVE (00 GA)	
		1	**1M-6119**	1	BOLT (5/16-18X1.375IN)	
		1	**1M-6120**	1	NUT (5/16-18 THD)	
	20	1	**7N-5274**	1	COVER (BLACK)(BATTERY)	
	21	1	**1S-7252**	1	TERMINAL (FOR 3/8IN BOLT)	
	22	1	**9U-0862**	1	CABLE AS	
		1	**3S-6050**	1	TERMINAL AS-NEGATIVE (00 GA)	
		1	**1M-6119**	1	BOLT (5/16-18X1.375IN)	
		1	**1M-6120**	1	NUT (5/16-18 THD)	
		1	**8N-1725**	1	COVER (RED)(BATTERY)	
E	23	1	**5P-0761**		CABLE-STARTING MOTOR (00 GA)	
	24	1	**1S-7251**	1	TERMINAL (FOR 1/2IN BOLT)	
		1	**8N-0869**	1	COVER (RED)(RING)	
	25	1	**9G-0549**	1	CABLE AS	
		1	**9G-0004**	1	COVER (RED)	
		1	**8C-5917**	1	TERMINAL AS (POS)	
	26	1	**9G-0003**	1	COVER (BLACK)	
		1	**8T-9757**	1	TERMINAL AS (NEG)	
E	27	1	**5P-0747**		CABLE (00 GA)	
	28	1	**1M-6119**	2	BOLT (5/16-18X1.375IN)	
		1	**1M-6120**	2	NUT (5/16-18 THD)	

E-ORDER BY THE CENTIMETER
M-METRIC PART

104-5679 **BATTERY GP** *(contd.)* **i00174188**



GRAPHIC #1 g00119835

109-0400 CONTROL & MTG GP-ENGINE ELEK

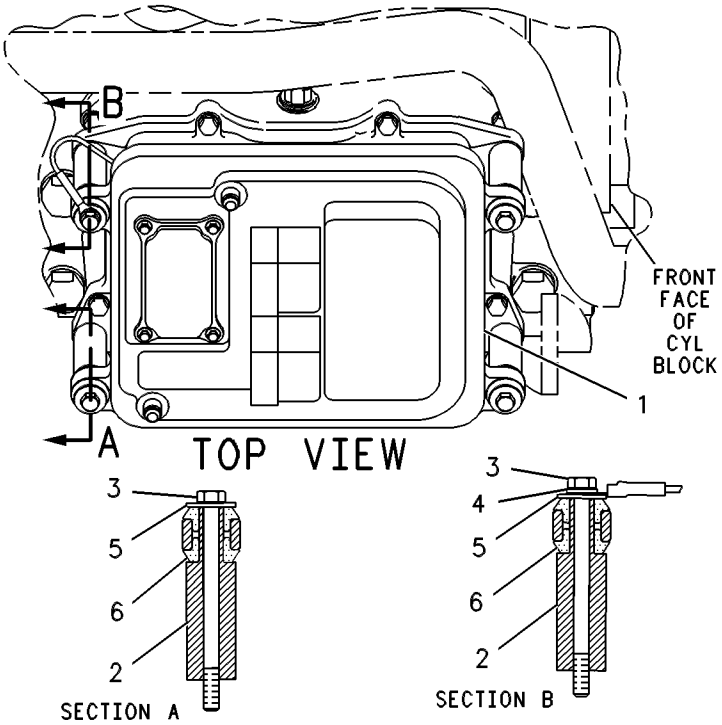
S/N 80M861-2626

PART OF 122-1117 ENGINE AR

SMCS-1901 **i00840881**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	*105-6122*	1	CONTROL GP-ENGINE ELECTRONIC	153
	2	1	**115-6469**	4	SPACER	
	3	1	**8H-8769**	4	BOLT (5/16-18X4.25IN)	
	4	1	**9M-1974**	1	WASHER-HARD (2MM THK)	
	5	1	**9N-0869**	4	WASHER (2MM THK)	
	6	1	**8T-9655**	8	MOUNT	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00086484

164-7782 CONTROL & MTG GP-ENGINE ELEK

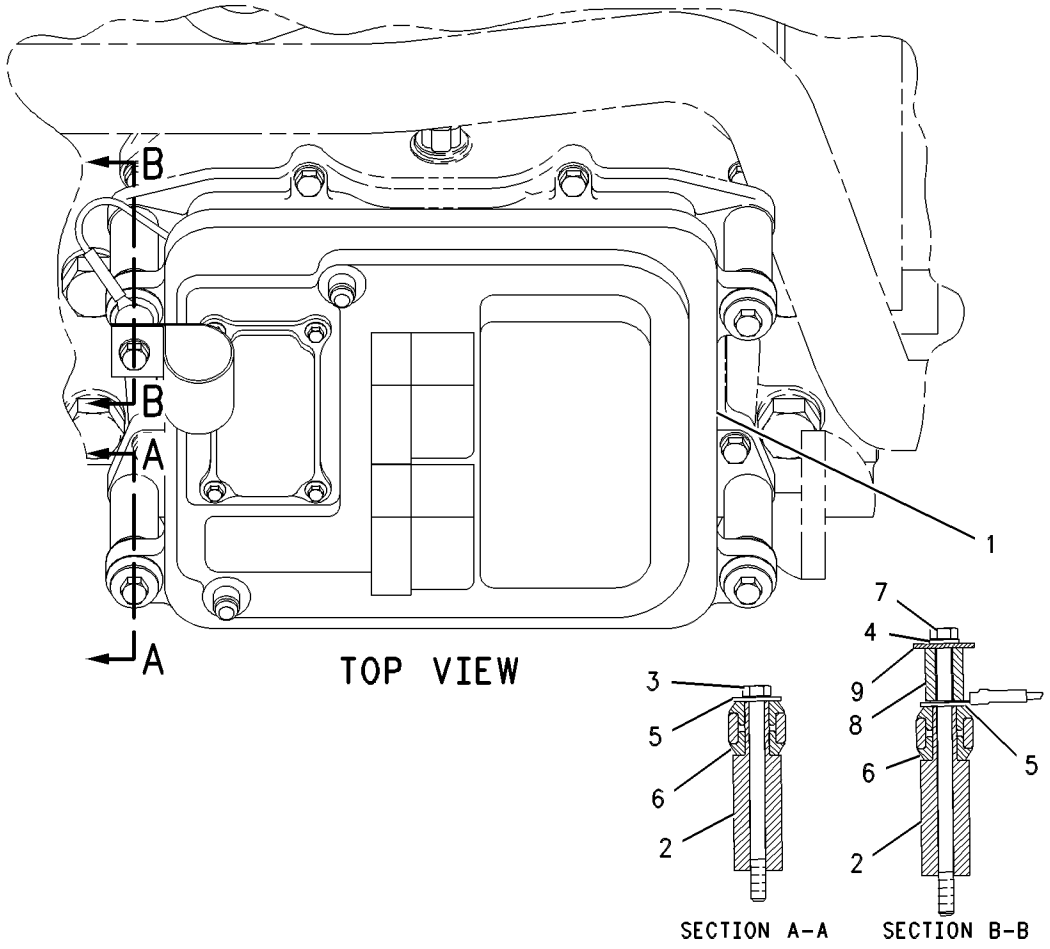
S/N 80M2627-UP

PART OF 122-1117 ENGINE AR

SMCS-1901 **i01105144**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	*105-6122*	1	CONTROL GP-ENGINE ELECTRONIC	153
	2	1	**115-6469**	4	SPACER	
	3	1	**8H-8769**	3	BOLT (5/16-18X4.25IN)	
	4	1	**9M-1974**	1	WASHER-HARD (2MM THK)	
	5	1	**9N-0869**	4	WASHER (2MM THK)	
	6	1	**8T-9655**	8	MOUNT	
	7	1	**8M-1865**	1	BOLT (5/16-18X5.75IN)	
	8	1	**4E-0724**	1	SPACER	
	9	1	**4D-7388**	1	CLIP (34.92MM ID)	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00538088

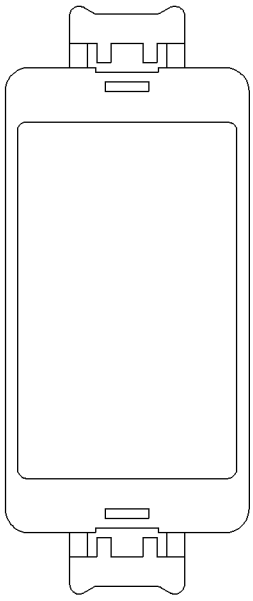
127-8501 CONTROL GP-ENG RATINGS ELEK

S/N 80M861-UP

PART OF 122-1117 ENGINE AR

SMCS-1902 **i01229086**

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



GRAPHIC #1 g00654397

105-6122 CONTROL GP-ENGINE ELECTRONIC

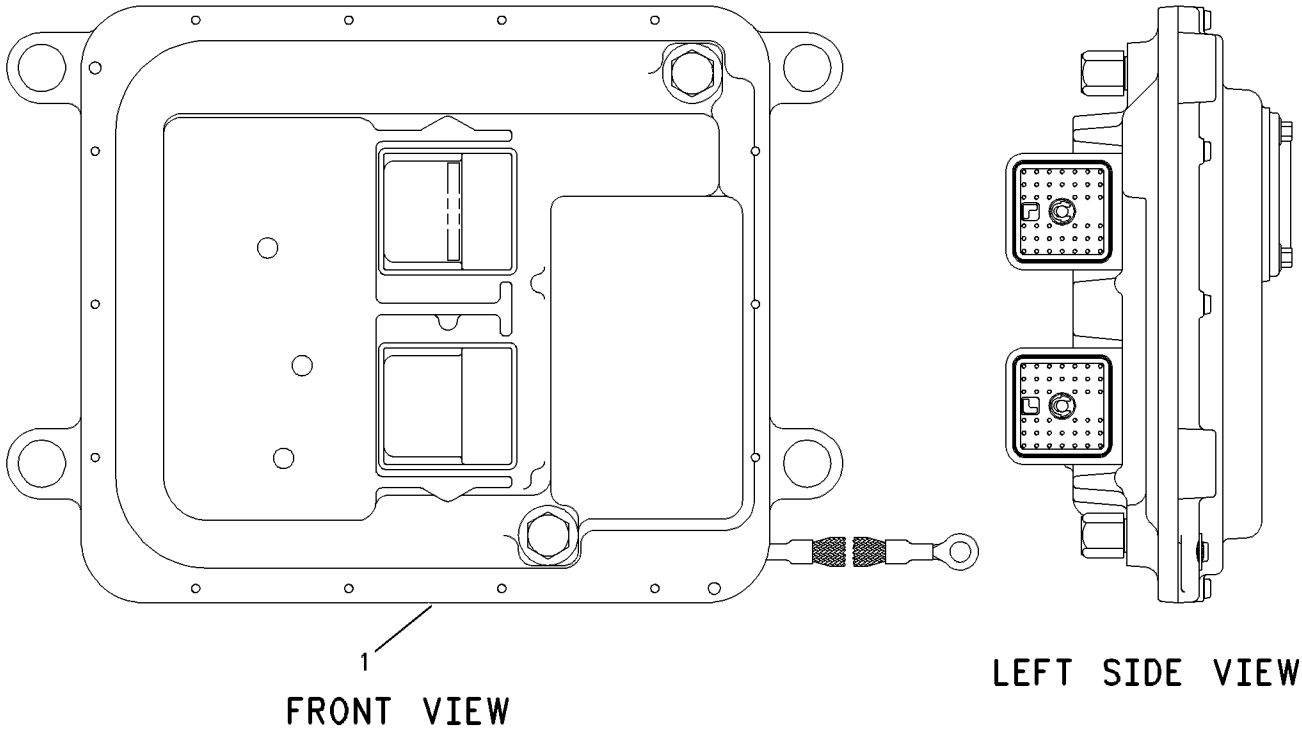
S/N 80M861-UP

PART OF 109-0400, 164-7782 CONTROL & MTG GP-ENGINE ELEK

SMCS-1901 **i01120865**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**172-0802**	1	CONTROL GP-ENGINE ELECTRONIC	154

Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00592489

172-0802 CONTROL GP-ENGINE ELECTRONIC

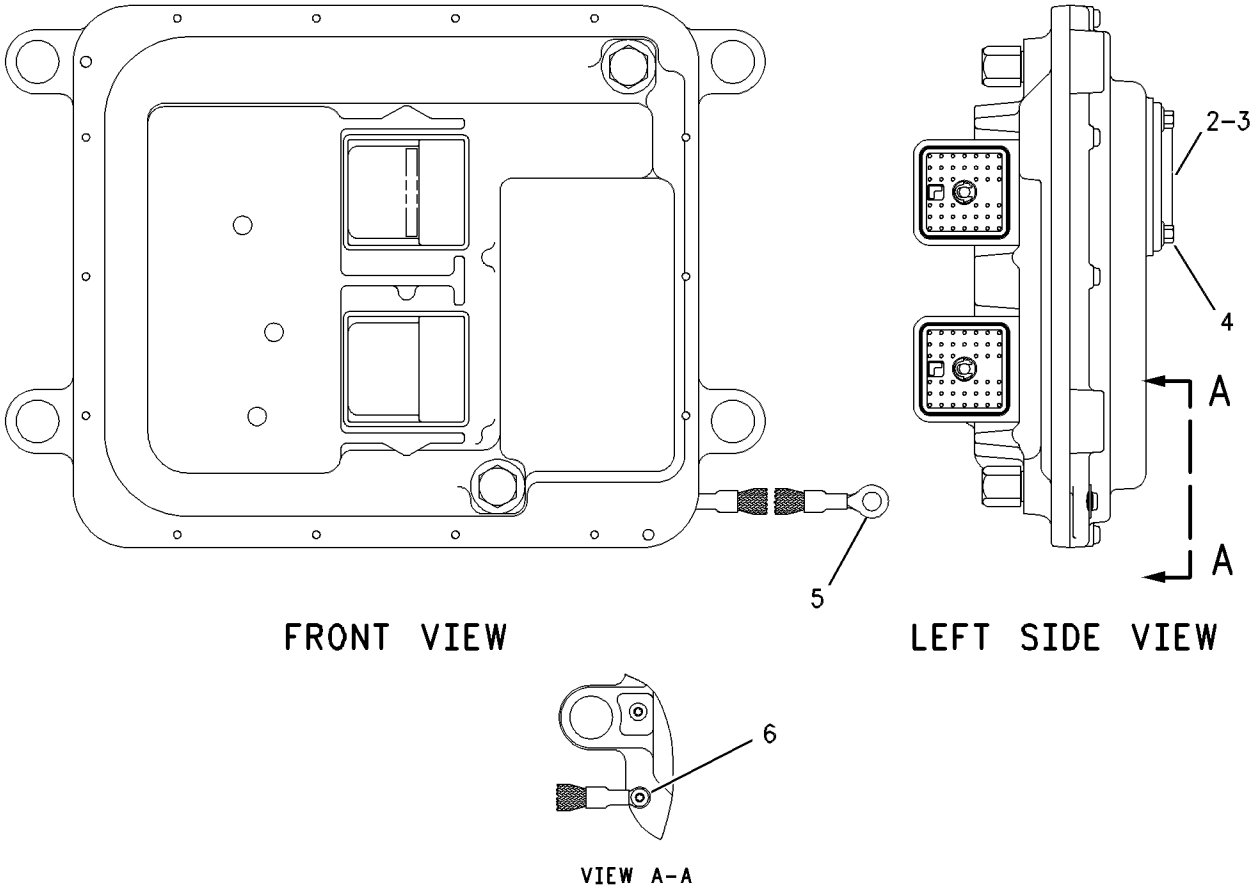
S/N 80M861-UP

PART OF 105-6122 CONTROL GP-ENGINE ELECTRONIC

SMCS-1901 **i01125563**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	2	1	**111-8411**	1	COVER	
	3	1	**6V-1179**	1	SEAL-O-RING	
M	4	1	**3E-6900**	4	BOLT	
	5	1	**7X-6315**	1	STRAP-GROUNDING	
	6	1	**126-7574**	1	SCREW-PAN HEAD	

M-METRIC PART



FRONT VIEW

LEFT SIDE VIEW

VIEW A-A

GRAPHIC #1 g00595635

MEMORANDA

8N-9830 HEATER GP-FUEL

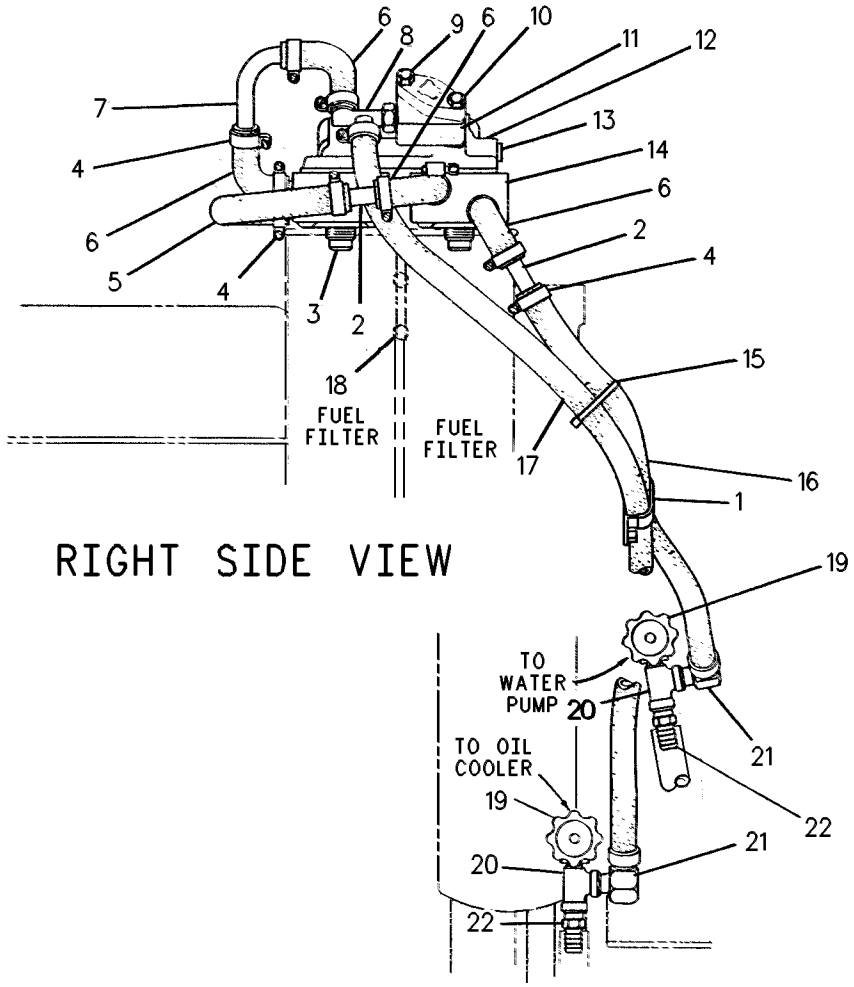
PIN 2KZ1-UP
FOR USE WITH DEFROSTER AND HEATER AR
AN ATTACHMENT

SMCS-1296 **i01048564**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6D-1641**	1	CLIP (25.0MM ID)	
	2	1	**6P-8855**	2	SPACER	
C	3	1	**7C-7397**	2	CONNECTOR	
	4	1	**9X-2488**	14	CLAMP-HOSE	
	5	1	**9P-6019**	1	HOSE-HEATER INLET	
	6	1	**8S-1879**	4	ELBOW-HOSE	
	7	1	**1P-3956**	1	TUBE	
	8	1	**8N-9707**	1	REGULATOR-FUEL TEMPERATURE	
		1	**2M-9780**	1	SEAL-O-RING (19.18MM ID)	
	9	1	**5P-2955**	1	BOLT (5/16-18X2.50IN)	
	10	1	**7X-0264**	1	BOLT (1/4-20X2.50IN)	
	11	1	**8N-9584**	1	ADAPTER	
		1	**1P-0436**	2	GASKET (PRIMING PUMP)	
	12	1	**8N-9745**	1	BASE AS-FUEL FILTER	
		1	**8N-2101**	2	STUD-HOLLOW	
	13	1	**9S-8004**	1	PLUG-O-RING (9/16-18 THD)	
		1	**3J-1907**	1	SEAL-O-RING (11.89MM ID)	
CR	14	1	**7C-7367**	2	HEATER AS-FUEL	
C		1	**7C-7398**	2	SEAL	
	15	1	**3S-2093**	1	STRAP-CABLE (1.75IN DIA)	
BE	16	1	**5P-0767**		HOSE	
BE	17	1	**5P-0767**		HOSE	
	18	1	**4L-6454**	2	BOLT (3/8-16X1.0IN)	
		1	**8T-4896**	2	WASHER-HARD (2.5MM THK)	
	19	1	**9N-3666**	2	VALVE AS	
	20	1	**8L-6005**	2	TEE-PIPE	
	21	1	**3K-7928**	2	ELBOW	
	22	1	**7D-7026**	2	CONNECTOR-HOSE	

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

8N-9830 **HEATER GP-FUEL** *(contd.)* **i01048564**



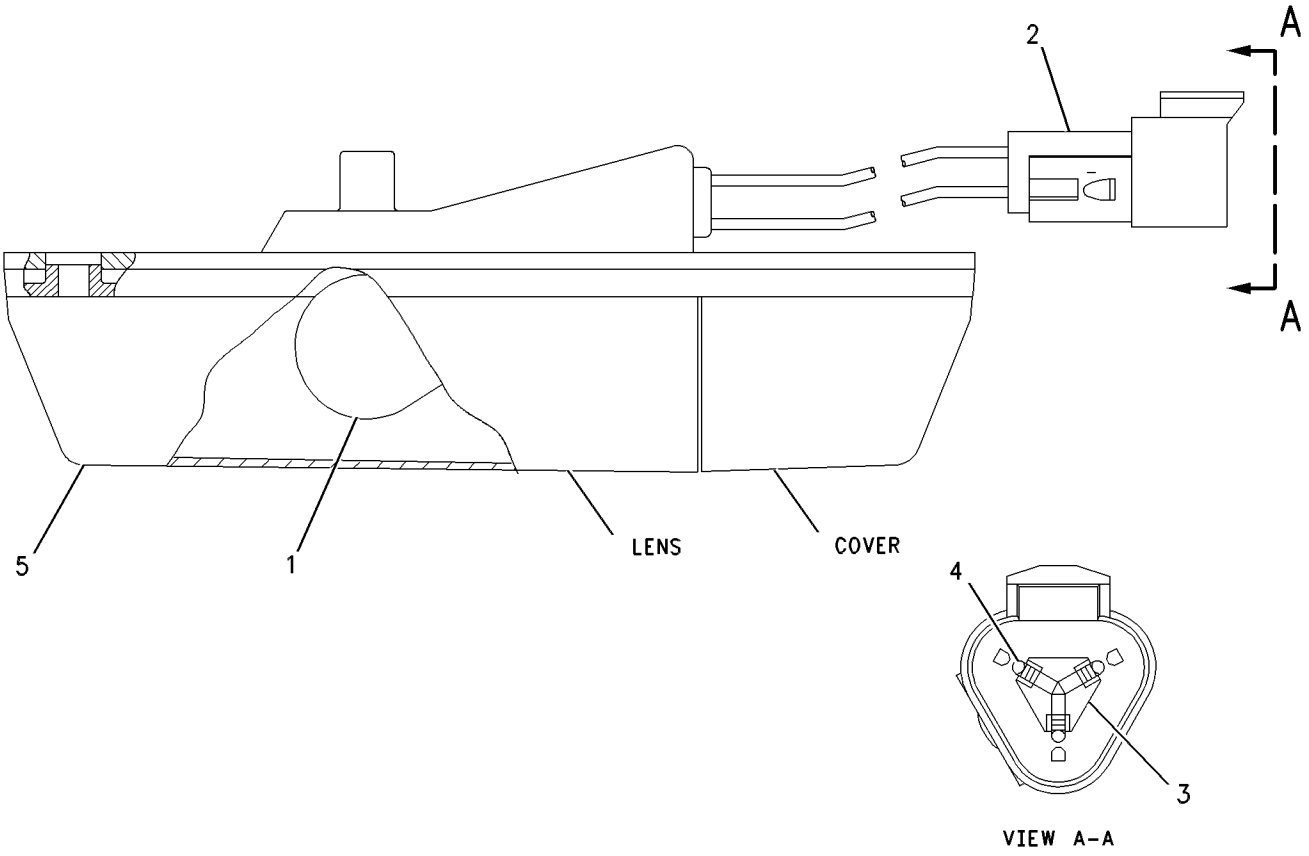
GRAPHIC #1 g00121250

3E-6389 LAMP GP-DOME

PIN 2KZ1-UP
24 VOLT. WITH SWITCH
PART OF 123-7023 CAB GP

SMCS-1433 **i01241806**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7N-9943**	1	LAMP (28 VOLT)	
	2	1	**102-8803**	1	KIT-RECEPTACLE (3 PIN)	
					(INCLUDES WEDGE)	
	3	1	**3E-3371**	1	WEDGE-RECEPTACLE LOCK	
	4	1	**8T-8729**	3	PIN-CONNECTOR	
	5	1	**7T-0020**	1	LENS-DOME LAMP	



GRAPHIC #1 g00647928

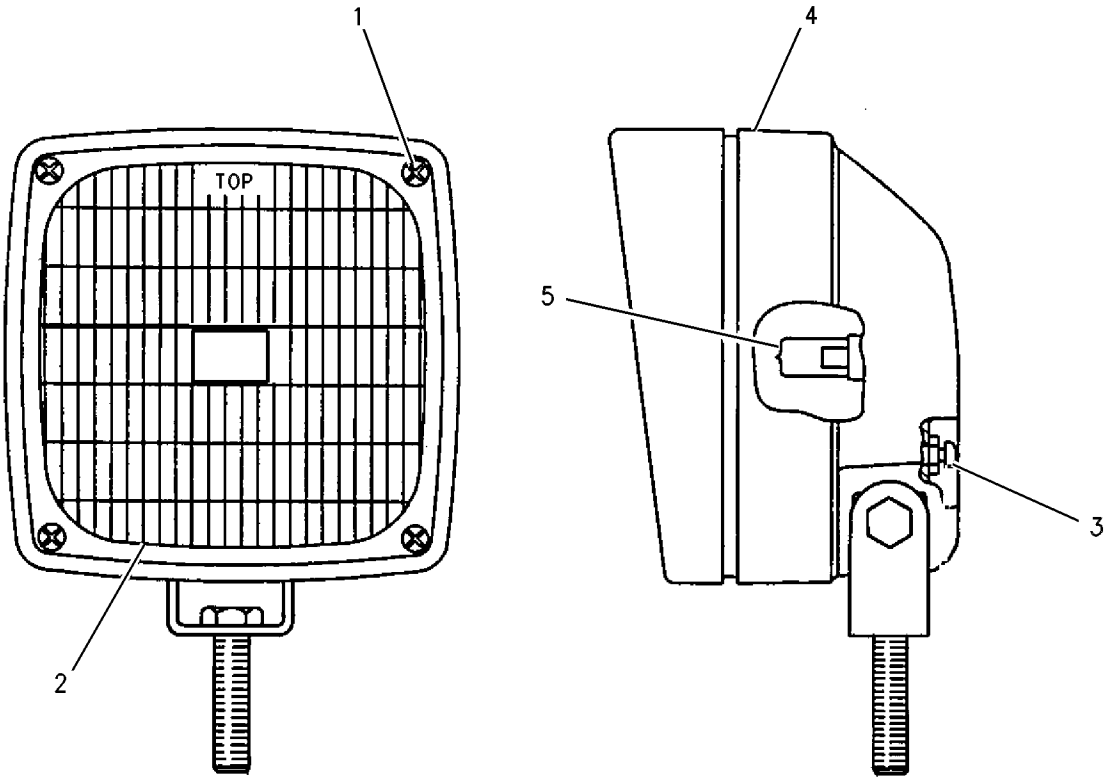
9X-1439 LAMP GP-FLOOD

PIN 2KZ1-UP
24 VOLT, VERTICAL
PART OF 123-1059 LIGHTING GP-FLOOD
FIELD REPLACEMENT FOR 9X-6775–PAGE 161, 9X-6774–PAGE 160

SMCS-1429, 1434 **i01252115**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9X-4244**	4	SCREW	
	2	1	**9X-4174**	1	LENS AS-FLOODLIGHT	
		1	**9X-4243**	1	SEAL	
M	3	1	**8T-0337**	2	SCREW-MACHINE (M4X0.7X12MM)	
	4	1	**9X-3455**	1	BODY AS-LAMP (SINGLE BEAM)	
		1	**8T-4121**	1	WASHER-HARD (2.5MM THK)	
M		1	**8T-4133**	1	NUT (M10X1.50 THD)	
	5	1	**9X-3463**	1	LAMP (24 VOLT)(65 WATTS)	

M-METRIC PART



GRAPHIC #1 g00484284

9X-6774 LAMP GP-FLOOD

PIN 2KZ1-UP

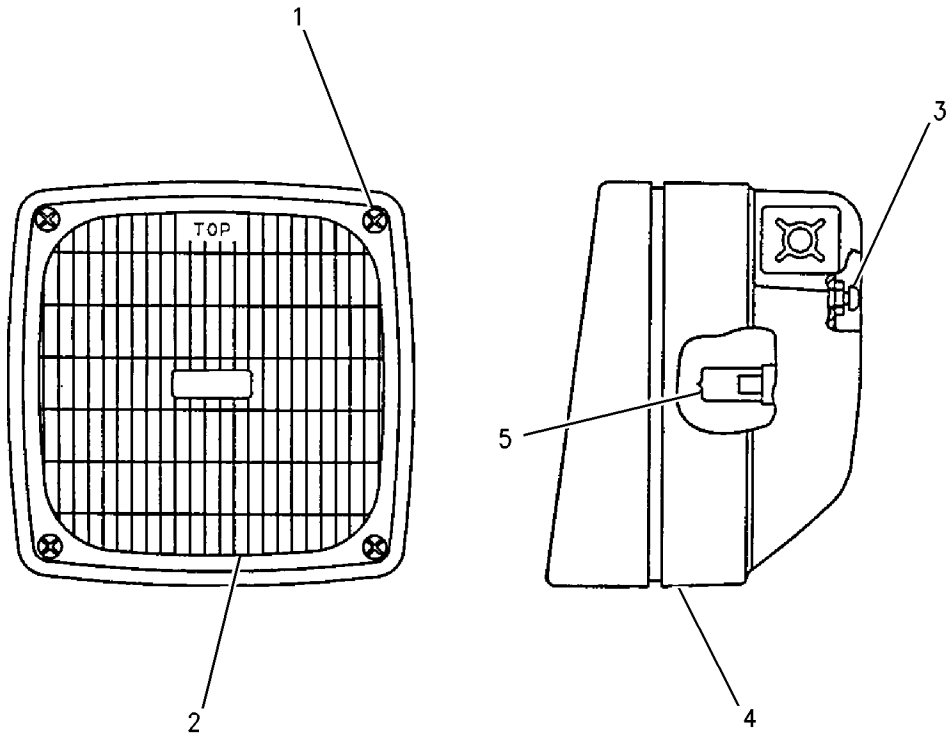
PART OF 123-6352 LIGHTING GP-FLOOD

FIELD REPLACEMENT ORDER 9X-1439—PAGE 159, 1-8T-4133 NUT, 1-8T-4121 WASHER

SMCS-1429, 1434 **i01229087**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9X-4244**	4	SCREW	
	2	1	**9X-4174**	1	LENS AS-FLOODLIGHT	
		1	**9X-4243**	1	SEAL	
M	3	1	**8T-0337**	2	SCREW-MACHINE (M4X0.7X12MM)	
	4	1	**9X-3455**	1	BODY AS-LAMP	
		1	**8T-4121**	1	WASHER-HARD (2.5MM THK)	
M		1	**8T-4133**	1	NUT (M10X1.50 THD)	
	5	1	**9X-3463**	1	LAMP (24 VOLT)(65 WATTS)	

M-METRIC PART



GRAPHIC #1 g00657999

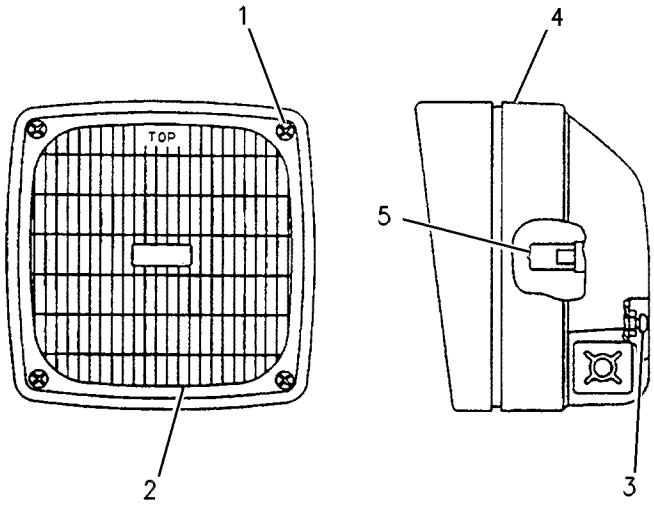
9X-6775 LAMP GP-FLOOD

PIN 2KZ1-UP
24 VOLT, VERTICAL
PART OF 8R-5643 LIGHTING GP-FLOOD
FIELD REPLACEMENT ORDER 9X-1439–PAGE 159, 1-8T-4121 WASHER, 1-8T-4133 NUT

SMCS-1429, 1434 **i01197460**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9X-4244**	4	SCREW	
	2	1	**9X-4174**	1	LENS AS-FLOODLIGHT	
		1	**9X-4243**	1	SEAL	
M	3	1	**8T-0337**	2	SCREW-MACHINE (M4X0.7X12MM)	
	4	1	**9X-3455**	1	BODY AS-LAMP	
	5	1	**9X-3463**	1	LAMP (24 VOLTS)(65 WATTS)	

M-METRIC PART



GRAPHIC #1 g00088698

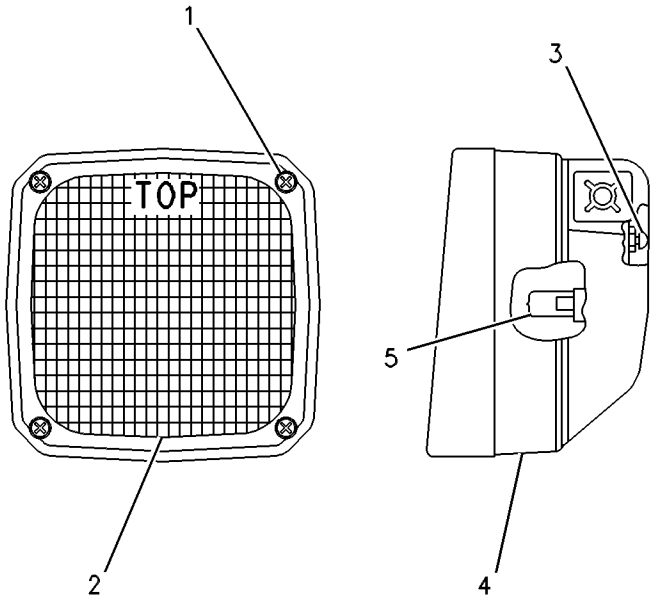
106-8964 LAMP GP-FLOOD

PIN 2KZ1-UP
24 VOLT. SUSPENDED
PART OF 114-5992 LIGHTING GP-AUXILIARY

SMCS-1429, 1434 **i01231774**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**107-5851**	4	SCREW	
	2	1	**107-5853**	1	LENS AS-FLOOD	
		1	**107-5852**	1	SEAL	
M	3	1	**8T-0337**	2	SCREW-MACHINE (M4X0.7X12MM)	
	4	1	**107-5854**	1	BODY AS-LAMP	
	5	1	**9X-3463**	1	LAMP (24 VOLT)(65 WATTS)	

M-METRIC PART



GRAPHIC #1 g00273968

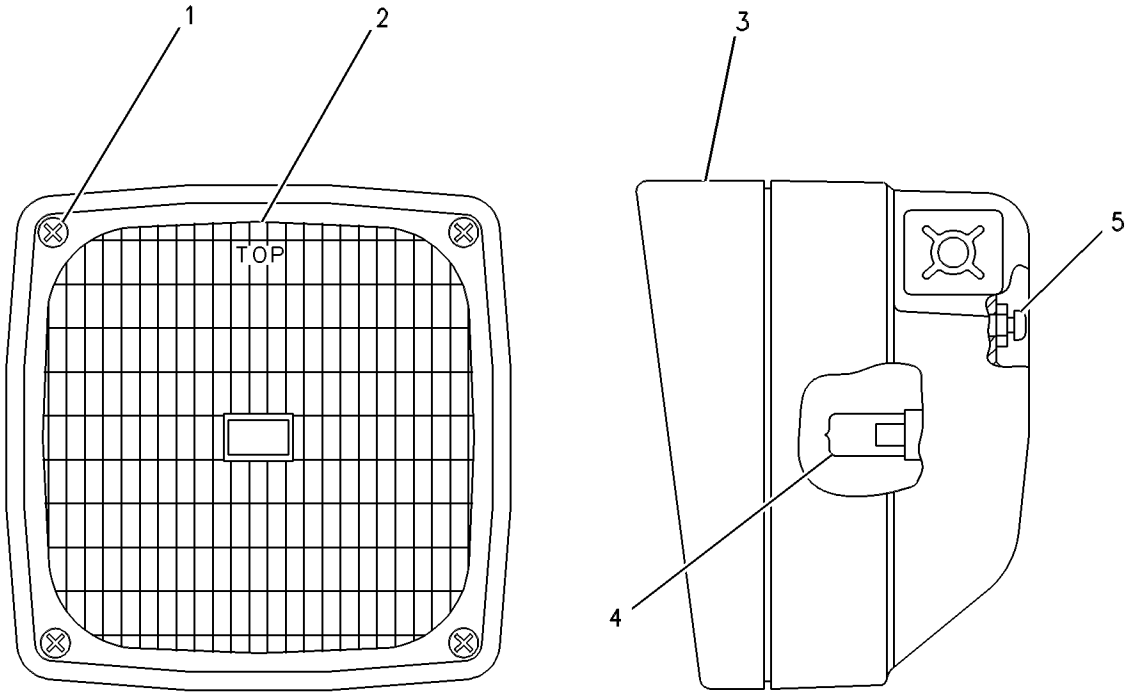
9X-6874 LAMP GP-HEAD

PIN 2KZ299-UP
24 VOLT. SUSPENDED-LOW
PART OF 170-9161 LIGHTING GP-AUXILIARY

SMCS-1429 **i01207858**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9X-4244**	4	SCREW	
	2	1	**9X-7798**	1	LENS AS-HEADLIGHT	
		1	**9X-4243**	1	SEAL	
	3	1	**9X-3455**	1	BODY AS-LAMP	
	4	1	**9X-3463**	1	LAMP (24 VOLTS)(65 WATTS)	
M	5	1	**8T-0337**	2	SCREW-MACHINE (M4X0.7X12MM)	

M-METRIC PART



FRONT VIEW LEFT SIDE VIEW

GRAPHIC #1 g00088858

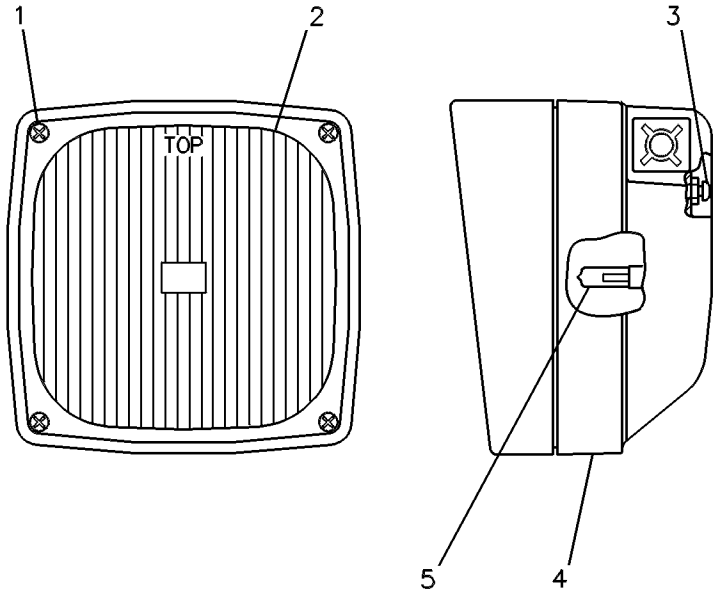
9X-7164 LAMP GP-HEAD

PIN 2KZ299-UP
24 VOLT. SUSPENDED-HIGH
PART OF 170-9167 LIGHTING GP-CANOPY

SMCS-1429 **i00108322**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9X-4244**	4	SCREW	
	2	1	**9X-7797**	1	LENS AS	
		1	**9X-4243**	1	SEAL	
M	3	1	**8T-0337**	2	SCREW-MACHINE	
	4	1	**9X-3455**	1	BODY AS	
	5	1	**9X-3463**	1	LAMP	

M-METRIC PART



GRAPHIC #1 g00084860

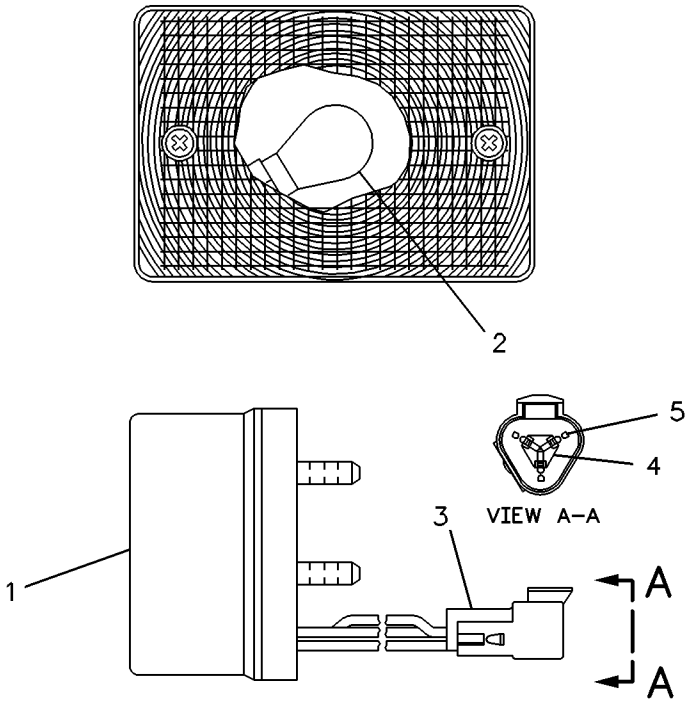
3E-6467 LAMP GP-SIGNAL

PIN 2KZ1-UP
24 VOLT
PART OF 8R-5645 LIGHTING GP-STOP

SMCS-1430 **i01099456**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9X-3064**	1	LENS-RED	
	2	1	**9X-4492**	1	LAMP	
	3	1	**102-8803**	1	KIT-RECEPTACLE (3 PIN)	
					(INCLUDES WEDGE)	
	4	1	**3E-3371**	1	WEDGE-RECEPTACLE LOCK	
	5	1	**8T-8729**	3	PIN-CONNECTOR	
FM		1	**5C-2890**	3	NUT (M6X1.00 THD)	
F		1	**8T-4205**	3	WASHER-HARD (2MM THK)	

F-NOT SHOWN
M-METRIC PART



GRAPHIC #1 g00083144

114-5992 LIGHTING GP-AUXILIARY

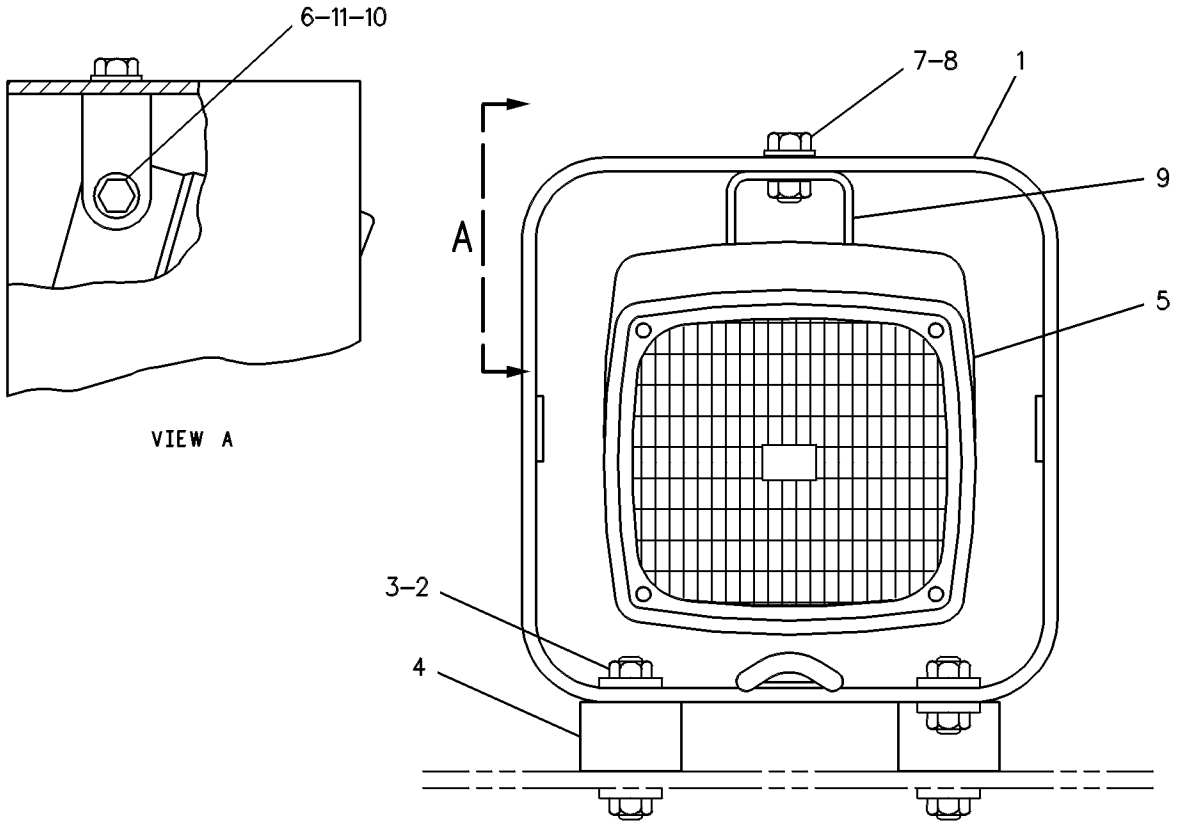
PIN 2KZ1-UP

PART OF 152-9756 LIGHTING GP-FLOOD

SMCS-1429 **i01231832**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**114-2368**	1	GUARD AS	
		1	**7T-1099**	1	LINK	
B	2	1	**6V-8801**	8	NUT (3/8-16 THD)	
	3	1	**5P-1075**	8	WASHER-HARD (3MM THK)	
	4	1	**9W-4361**	4	MOUNT	
Y	5	1	*106-8964*	1	LAMP GP-FLOOD (24 VOLT) (SUSPENDED)	162
	6	1	**5P-2955**	1	BOLT (5/16-18X2.50IN)	
	7	1	**5M-3062**	1	BOLT (3/8-16X.75IN)	
	8	1	**8T-4896**	1	WASHER-HARD (2.5MM THK)	
	9	1	**111-8314**	1	BRACKET AS	
	10	1	**6V-8189**	1	NUT (5/16-18 THD)	
	11	1	**8T-4224**	2	WASHER-HARD (8.8X16X2MM THK)	

B-USE AS REQUIRED
Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00240196

170-9161 LIGHTING GP-AUXILIARY

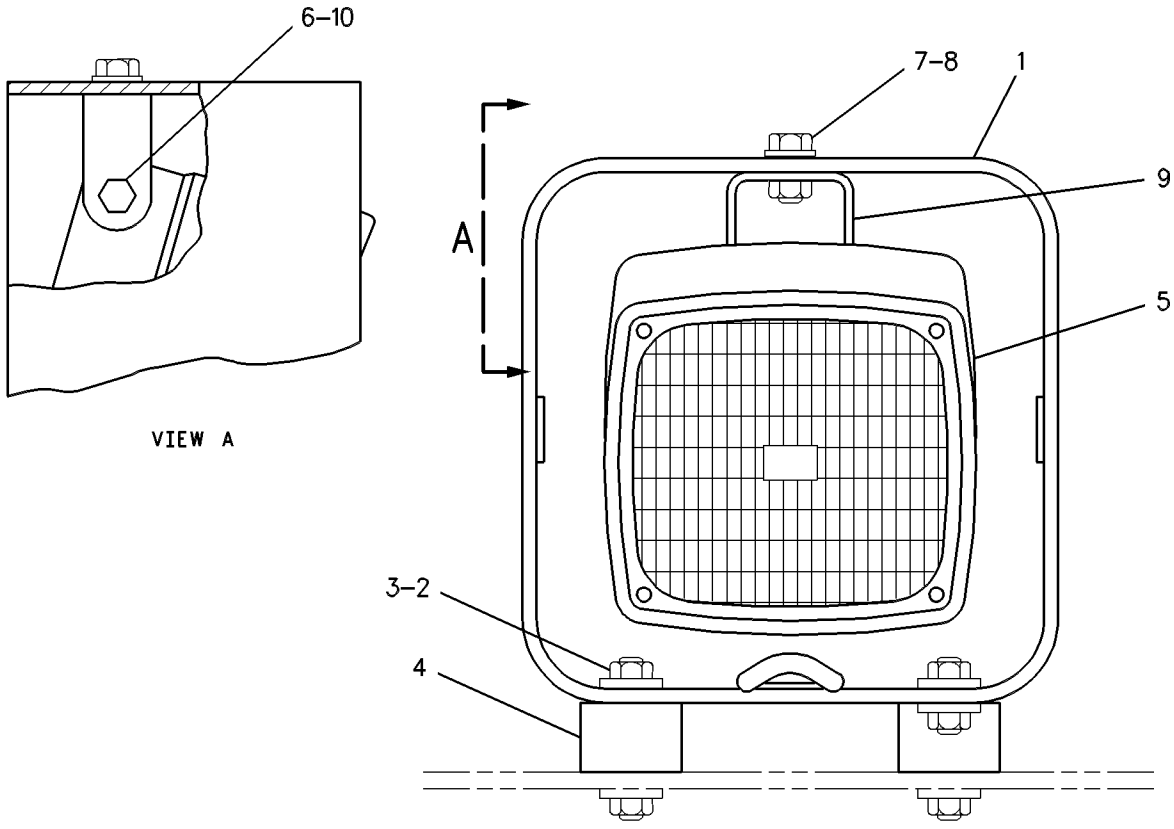
PIN 2KZ299-UP

PART OF 152-9756 LIGHTING GP-FLOOD

SMCS-1429 **i01086916**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**114-2368**	1	GUARD AS	
		1	**7T-1099**	1	LINK	
B	2	1	**6V-8801**	8	NUT (3/8-16 THD)	
	3	1	**5P-1075**	8	WASHER-HARD (3MM THK)	
	4	1	**9W-4361**	4	MOUNT	
Y	5	1	*9X-6874*	1	LAMP GP-HEAD	163
M	6	1	**8T-6912**	1	BOLT (M8X1.50X50MM)	
M	7	1	**8T-4137**	1	BOLT (M10X1.50X20MM)	
	8	1	**8T-4121**	1	WASHER (2.5MM THK)	
	9	1	**103-5914**	1	BRACKET AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5 THD)	
M	10	1	**5C-7261**	1	NUT (M8X1.25 THD)	

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



GRAPHIC #1 g00568921

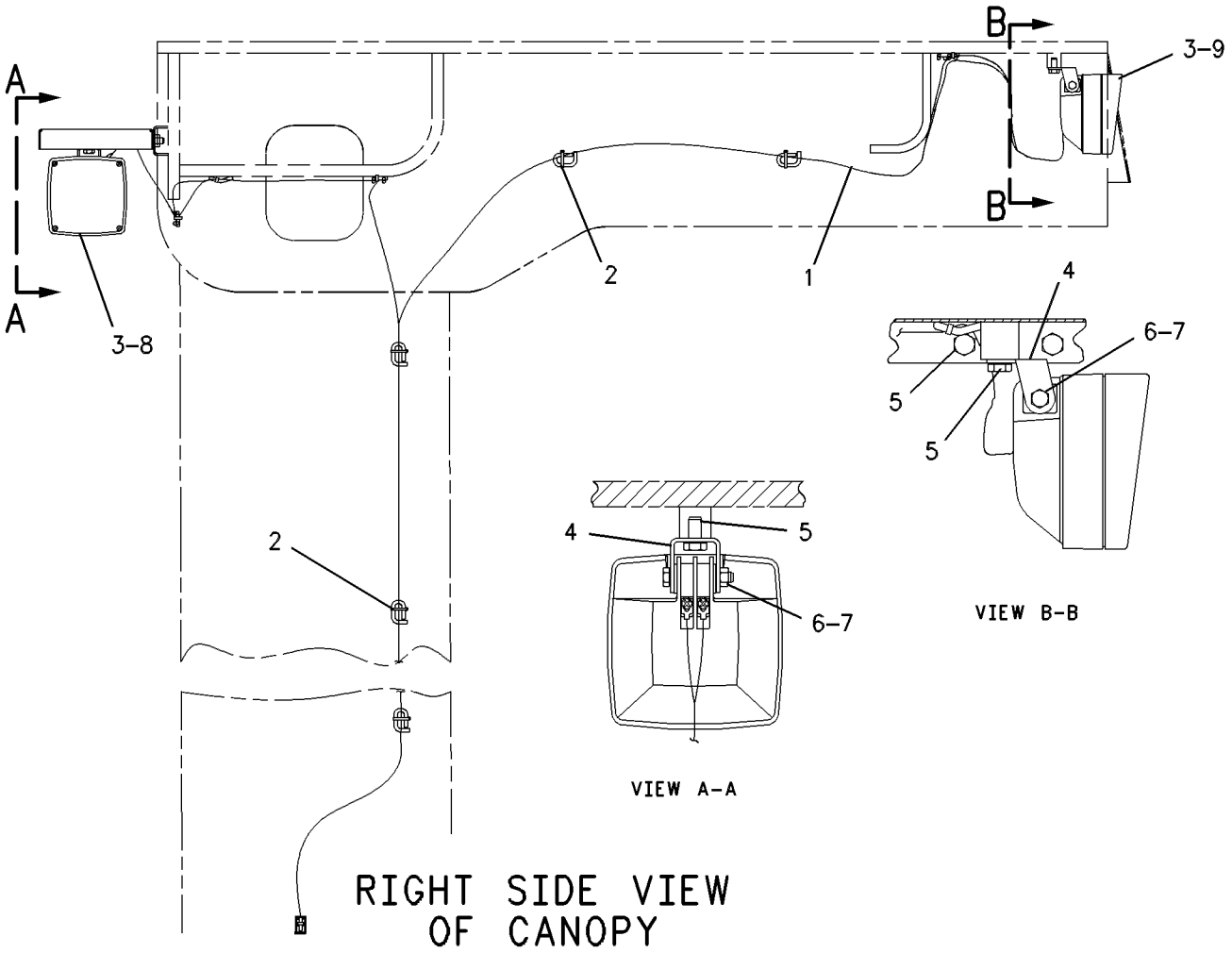
170-9167 LIGHTING GP-CANOPY

PIN 2KZ299-UP
4 LAMP
PART OF 152-9752 CHASSIS AR

SMCS-1429 **i01086910**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**123-6353**	1	HARNESS AS	
	2	1	**3S-2093**	18	STRAP-CABLE	
Y	3	1	**9X-7164**	4	LAMP GP-HEAD	164
	4	1	**9R-3852**	4	BRACKET	
M	5	1	**8T-4137**	8	BOLT (M10X1.50X20MM)	
M	6	1	**8T-6912**	4	BOLT (M8X1.50X50MM)	
M	7	1	**5C-7261**	4	NUT (M8X1.25 THD)	
	8	1	**4E-9625**	1	BRACKET AS-RH	
	9	1	**9U-0833**	1	BRACKET AS-LH	
					(EACH BRACKET AS INCLUDES)	
		1	**7T-1099**	1	LINK	

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00569884

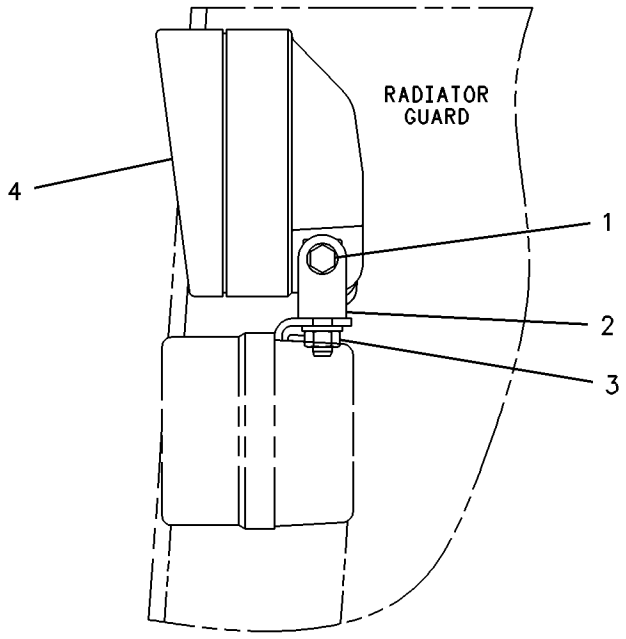
8R-5643 LIGHTING GP-FLOOD

PIN 2KZ1-UP
2 LAMP
PART OF 152-9752 CHASSIS AR

SMCS-1429, 1434 **i00174540**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**6V-9189**	2	LOCKNUT (M8X1.25 THD)	
		1	**8T-4224**	4	WASHER-HARD (2MM THK)	
M		1	**8T-6912**	2	BOLT (M8X1.50X50MM)	
	2	1	**9R-3852**	2	BRACKET	
	3	1	**8T-4121**	4	WASHER (2.5MM THK)	
M		1	**8T-4136**	2	BOLT (M10X1.50X25MM)	
M		1	**8T-4133**	2	NUT (M10X1.50 THD)	
Y	4	1	*9X-6775*	2	LAMP GP-FLOOD	161
M		1	**8T-4133**	2	NUT (M10X1.50 THD)	
		1	**8T-4121**	2	WASHER (2.5MM THK)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00119800

123-1059 LIGHTING GP-FLOOD

PIN 2KZ1-UP

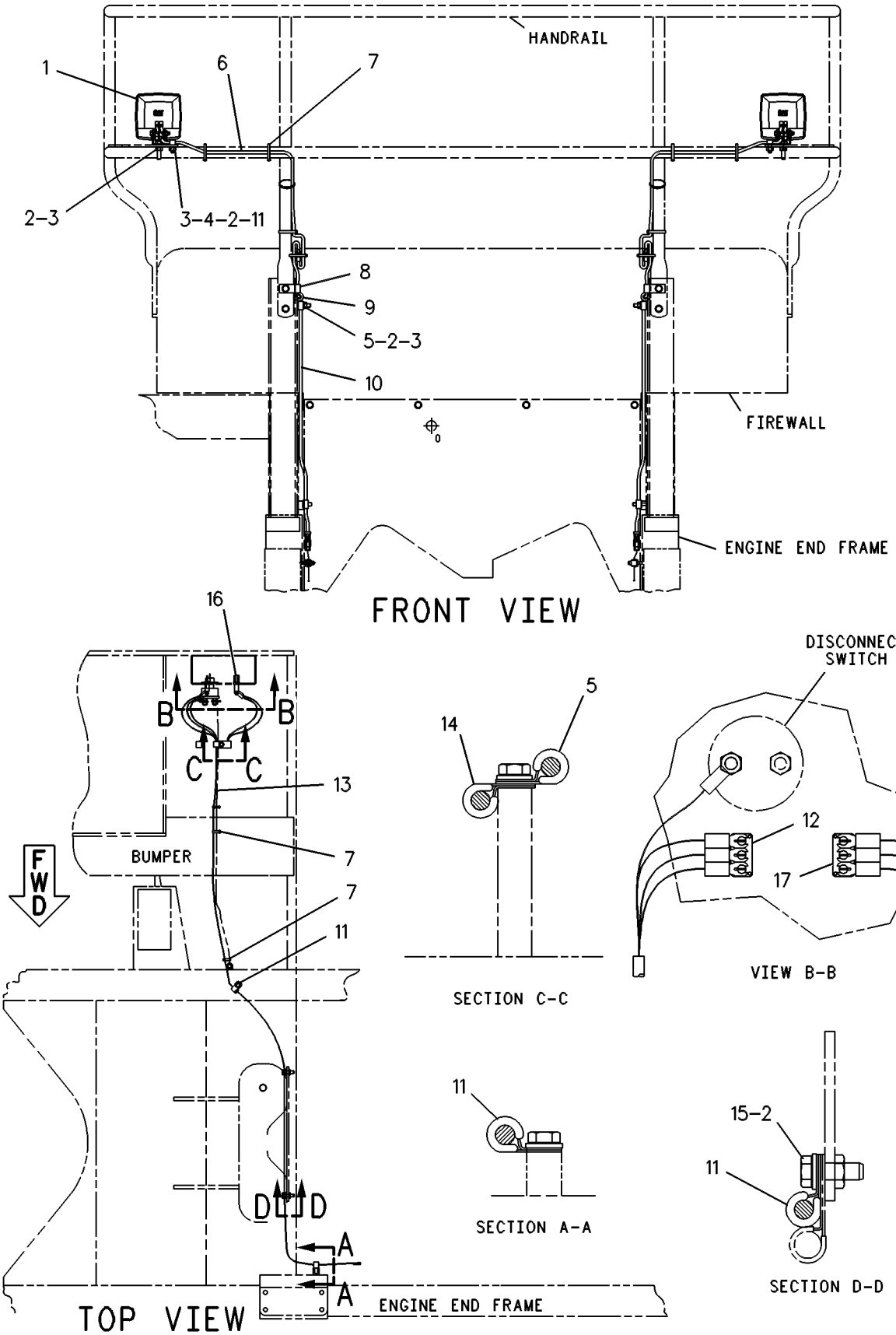
2 LAMP

PART OF 152-9752 CHASSIS AR

SMCS-1429, 1434 **i00186287**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**9X-1439**	2	LAMP GP-FLOOD	159
	2	1	**8T-4121**	12	WASHER (2.5MM THK)	
M	3	1	**8T-4133**	8	NUT (M10X1.50 THD)	
M	4	1	**8T-4136**	2	BOLT (M10X1.50X25MM)	
	5	1	**5P-9297**	5	CLIP (9.52MM ID)	
	6	1	**125-1148**	2	HARNESS AS	
	7	1	**3S-2093**	14	STRAP-CABLE (1.75IN DIA)	
	8	1	**7N-3718**	2	CLIP (9.52MM ID)	
	9	1	**8K-1433**	2	GROMMET	
	10	1	**125-1149**	2	HARNESS AS	
	11	1	**8M-2770**	6	CLIP (12.7MM ID)	
	12	1	**4D-1836**	1	SWITCH (STAIRWAY LAMP)	
	13	1	**125-1147**	1	HARNESS AS	
	14	1	**033-8248**	1	CLIP (11.11MM ID)	
M	15	1	**8T-4195**	2	BOLT (M10X1.50X30MM)	
	16	1	**3E-5169**	1	GUARD-SWITCH	
	17	1	**4D-1836**	1	SWITCH (GROUND LEVEL SHUTDOWN)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

g00121223

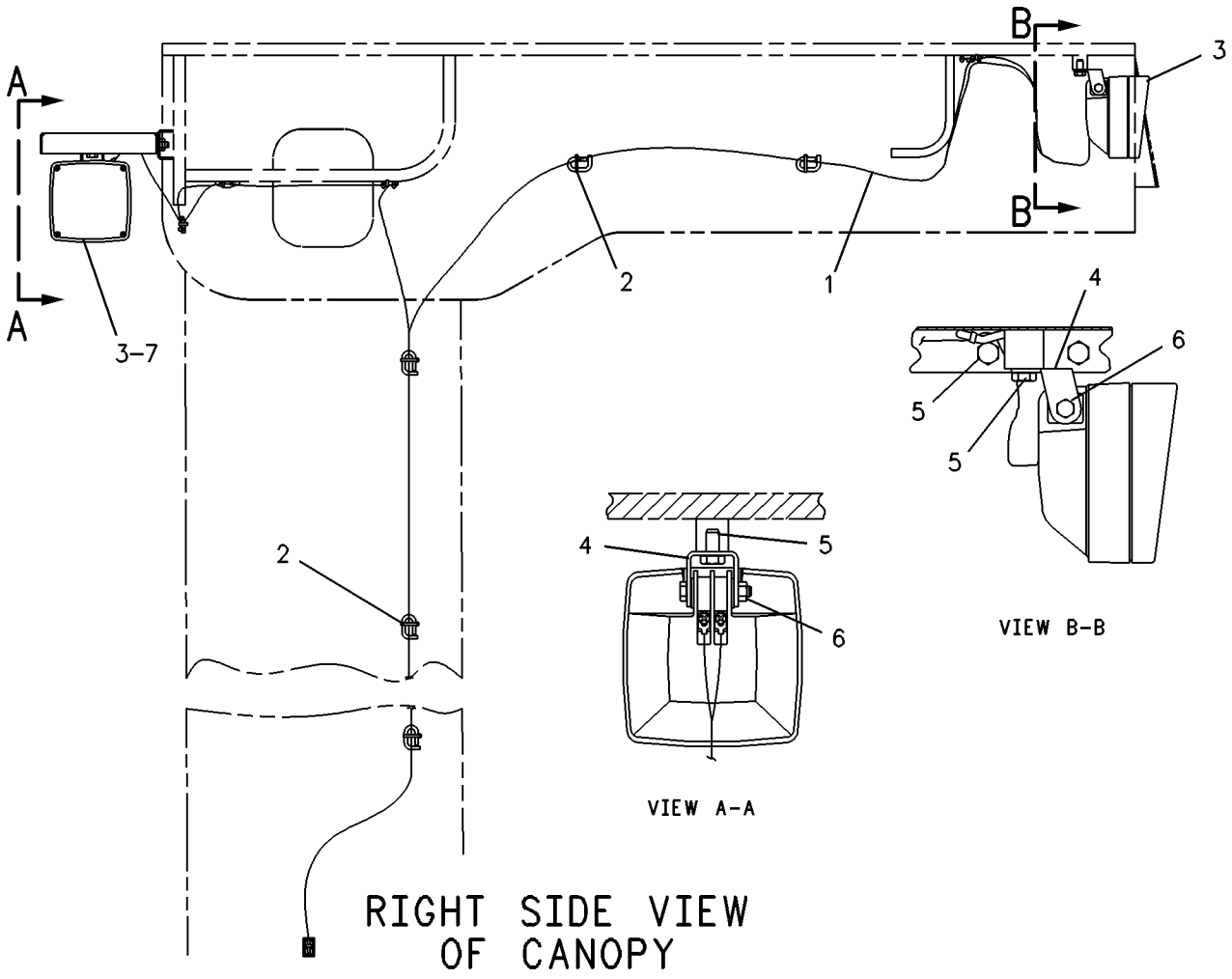
123-6352 LIGHTING GP-FLOOD

PIN 2KZ1-298
4 LAMP
PART OF 152-9752 CHASSIS AR

SMCS-1429, 1434 **i01229088**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**123-6353**	1	HARNESS AS	
	2	1	**3S-2093**	18	STRAP-CABLE	
Y	3	1	*9X-6774*	4	LAMP GP-FLOOD	160
	4	1	**9R-3852**	4	BRACKET	
M	5	1	**8T-4137**	8	BOLT (M10X1.50X20MM)	
M	6	1	**8T-6912**	4	BOLT (M8X1.25X50MM)	
M		1	**5C-7261**	4	NUT (M8X1.25 THD)	
	7	1	**4E-9625**	1	BRACKET AS-RH	
		1	**9U-0833**	1	BRACKET AS-LH	
					(EACH BRACKET AS INCLUDES)	
		1	**7T-1099**	1	LINK	

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00119831

MEMORANDA

152-9756 LIGHTING GP-FLOOD

PIN 2KZ1-298

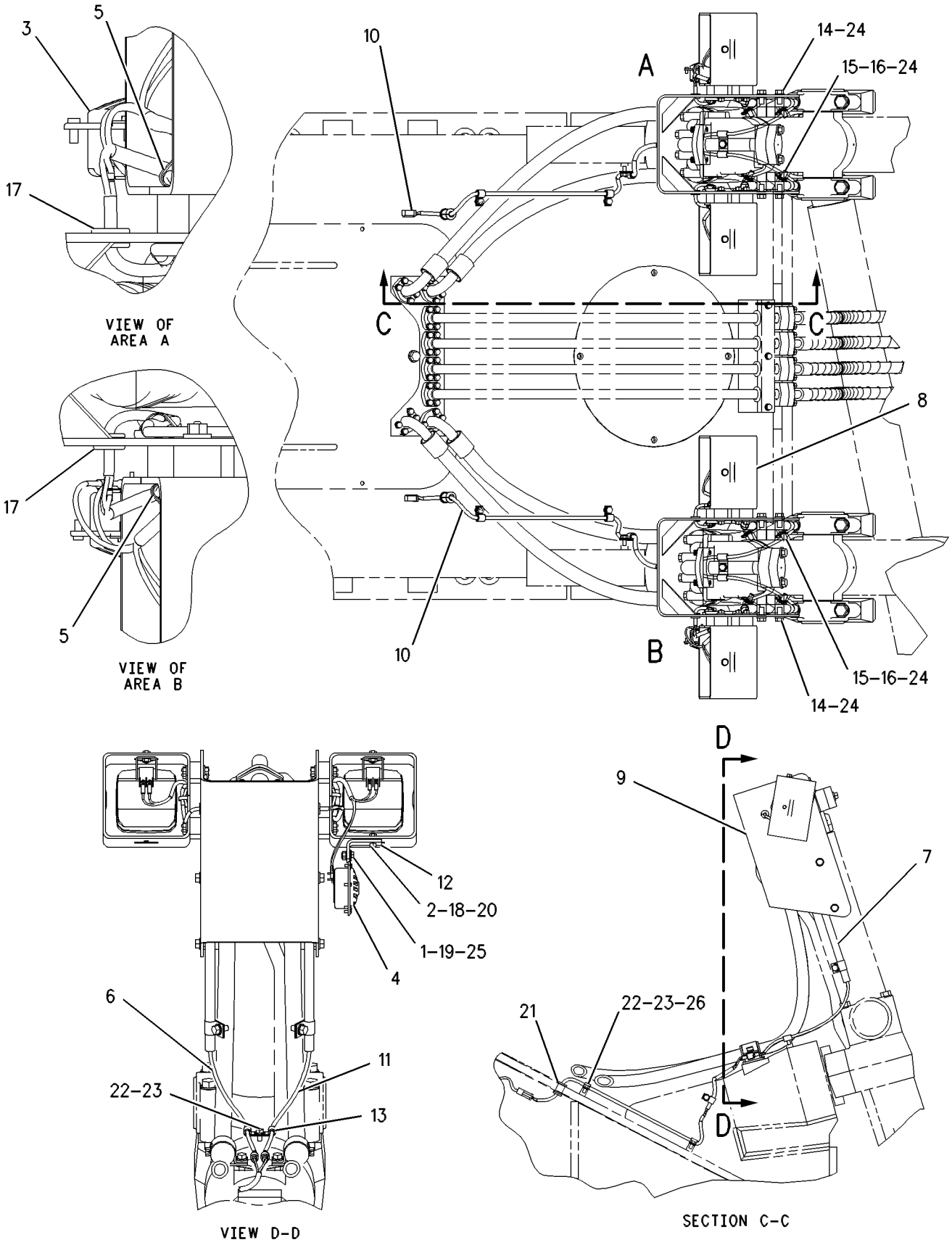
4 LAMP

PART OF 152-9752 CHASSIS AR

SMCS-1429, 1434 **i01240759**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3B-4505**	4	LOCKWASHER (5/16IN)	
	2	1	**3B-4506**	2	LOCKWASHER (9.78MM ID)	
	3	1	**3E-6322**	1	HORN AS	
M		1	**5C-8312**	2	NUT (M4X0.7 THD)	
		1	**8F-1434**	2	LOCKWASHER (5.07MM ID)	
		1	**8T-0328**	2	WASHER-HARD (1MM THK)	
	4	1	**3E-6323**	1	HORN AS	
M		1	**5C-8312**	2	NUT (M4X0.7 THD)	
		1	**8F-1434**	2	LOCKWASHER (5.07MM ID)	
		1	**8T-0328**	2	WASHER-HARD (1MM THK)	
	5	1	**7K-1181**	8	STRAP-CABLE (4IN DIA)	
	6	1	**8E-1656**	2	HARNESS AS	
	7	1	**9W-6328**	4	TUBE	
Y	8	1	*114-5992*	4	LIGHTING GP-AUXILIARY	166
	9	1	**115-1250**	2	BRACKET AS	
					(EACH INCLUDES)	
		1	**7T-1099**	2	LINK	
	10	1	**152-9773**	2	HARNESS AS	
	11	1	**152-9774**	2	HARNESS AS	
	12	1	**152-9775**	2	BRACKET-HORN	
	13	1	**124-0174**	4	CLIP (12.7MM ID)	
	14	1	**5C-6565**	8	BOLT (1/2-13X1.25IN)	
	15	1	**5F-7055**	8	CLIP	
	16	1	**5P-2228**	8	BOLT (1/2-13X1.0 IN)	
	17	1	**5P-8522**	4	GROMMET	
	18	1	**5S-7379**	2	BOLT (3/8-16X.875IN)	
	19	1	**6V-8189**	4	NUT (5/16-18 THD)	
	20	1	**6V-8801**	2	NUT (3/8-16 THD)	
	21	1	**7V-6571**	2	GROMMET	
	22	1	**8T-4121**	8	WASHER-HARD (2.5MM THK)	
M	23	1	**8T-4137**	8	BOLT (M10X1.50X20MM)	
	24	1	**8T-4223**	16	WASHER-HARD (3MM THK)	
	25	1	**8T-9043**	4	BOLT (5/16-18X.875IN)	
	26	1	**9M-8406**	6	CLIP (15.8MM ID)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

g00474108

152-9756 LIGHTING GP-FLOOD

PIN 2KZ299-UP

4 LAMP

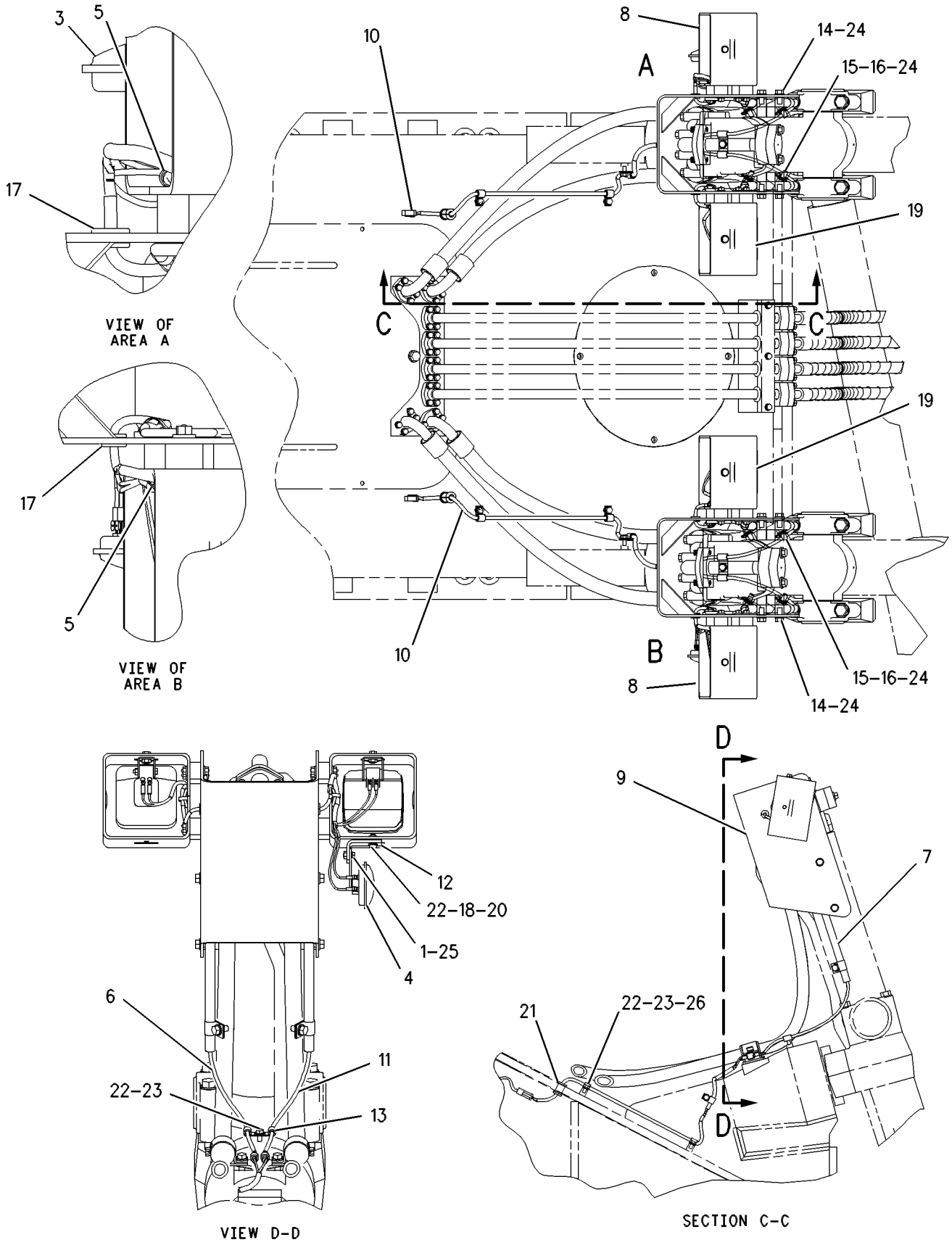
PART OF 152-9752 CHASSIS AR

SMCS-1429, 1434 **i01086913**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	**8T-4224**	2	WASHER-HARD (2MM THK)	
C	3	1	**7T-0969**	1	HORN AS (24 VOLT)	
C	4	1	**7T-0970**	1	HORN AS (24 VOLT)	
					(EACH HORN AS INCLUDES)	
CM		1	**8C-7581**	2	SCREW-MACHINE (M4X0.70X8MM)	
C		1	**9B-7233**	2	LOCKWASHER (NO.8)	
C		1	**096-6166**	2	WASHER-HARD (1MM THK)	
	5	1	**7K-1181**	8	STRAP-CABLE (4.00IN DIA)	
	6	1	**8E-1656**	2	HARNESS AS	
	7	1	**9W-6328**	4	TUBE	
CY	8	1	*114-5992*	4	LIGHTING GP-AUXILIARY	166
	9	1	**115-1250**	2	BRACKET AS	
					(EACH INCLUDES)	
		1	**7T-1099**	2	LINK	
	10	1	**152-9773**	2	HARNESS AS	
	11	1	**152-9774**	2	HARNESS AS	
C	12	1	**170-6101**	2	BRACKET AS	
	13	1	**124-0174**	4	CLIP (12.7MM ID)	
	14	1	**5C-6565**	8	BOLT (1/2-13X1.25IN)	
	15	1	**5F-7055**	8	CLIP	
	16	1	**5P-2228**	8	BOLT (1/2X1.0IN)	
	17	1	**5P-8522**	4	GROMMET	
CM	18	1	**8T-4136**	2	BOLT (M10X1.50X25MM)	
CY	19	1	*170-9161*	2	LIGHTING GP-AUXILIARY	167
CM	20	1	**8T-4133**	2	NUT (M10X1.50 THD)	
	21	1	**7V-6571**	2	GROMMET	
C	22	1	**8T-4121**	10	WASHER (2.5MM THK)	
M	23	1	**8T-4137**	8	BOLT (M10X1.50X20MM)	
	24	1	**8T-4223**	16	WASHER-HARD (3MM THK)	
CM	25	1	**8T-4189**	2	BOLT (M8X1.25X20MM)	
	26	1	**9M-8406**	6	CLIP (15.8MM ID)	

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

152-9756 **LIGHTING GP-FLOOD** ***(contd.)*** **i01086913**



GRAPHIC #1 g00575398

8R-5645 LIGHTING GP-STOP

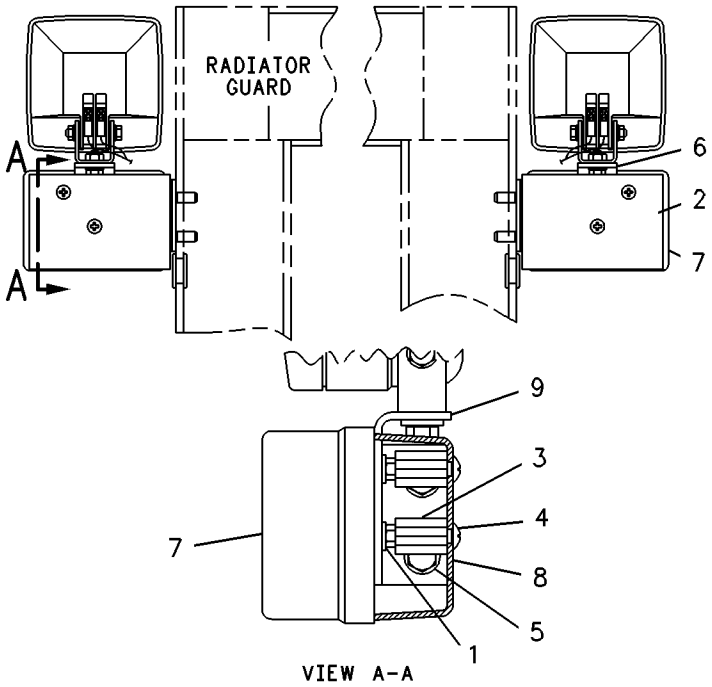
PIN 2KZ1-UP

PART OF 152-9752 CHASSIS AR

SMCS-1432 **i00174582**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**5C-2890**	6	NUT (M6X1.00 THD)	
		1	**8T-4205**	6	WASHER-HARD (2MM THK)	
	2	1	**4E-9925**	1	COVER-LH	
M	3	1	**4E-7497**	4	SPACER (M6X1 THD)	
M	4	1	**8T-6411**	4	SCREW-MACHINE (M6X1X12MM)	
M	5	1	**8T-4195**	4	BOLT (M10X1.50X30MM)	
		1	**8T-4121**	4	WASHER (2.5MM THK)	
	6	1	**4E-8975**	1	BRACKET	
Y	7	1	**3E-6467**	2	LAMP GP-SIGNAL	165
	8	1	**4E-9924**	1	COVER-RH	
	9	1	**4E-8976**	1	BRACKET	

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00119794

130-7169 SENSOR GP-AXLE OIL TEMPERATURE

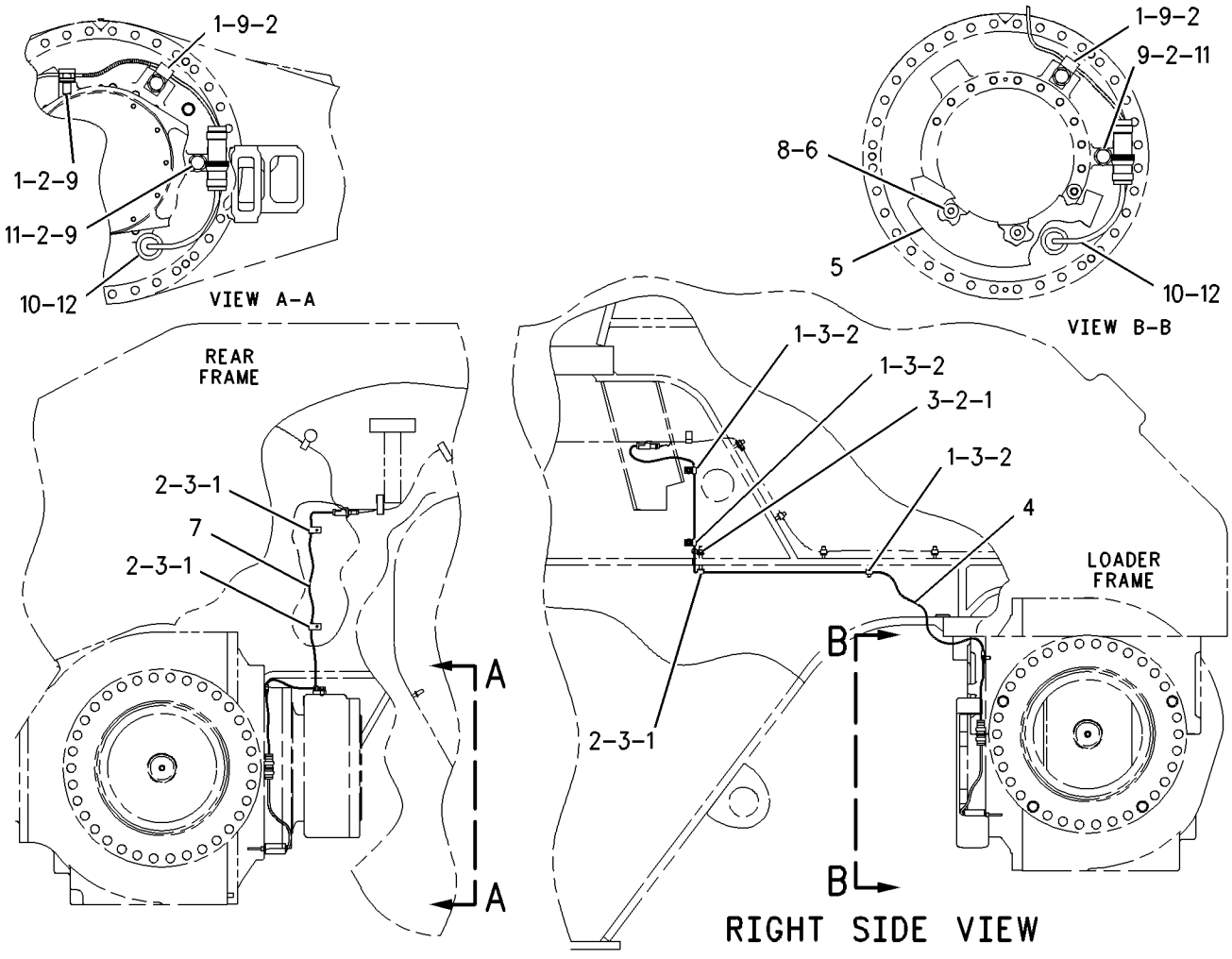
PIN 2KZ1-UP

PART OF 152-9752 CHASSIS AR

SMCS-301T **i01251626**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**5P-9085**	11	CLIP (7.94MM ID)	
	2	1	**8T-4121**	13	WASHER-HARD (2.5MM THK)	
M	3	1	**8T-4133**	8	NUT (M10X1.50 THD)	
	4	1	**130-7170**	1	HARNESS AS	
	5	1	**125-0052**	1	PLATE AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5 THD)	
	6	1	**7X-0387**	3	BOLT (7/8-9X4IN)	
	7	1	**130-7171**	1	HARNESS AS	
	8	1	**7Y-0336**	3	SPACER	
M	9	1	**8T-4137**	5	BOLT (M10X1.50X20MM)	
	10	1	**3E-5370**	2	SENSOR GP-TEMPERATURE (AXLE OIL)	
	11	1	**9X-3495**	2	CLIP AS (21.8MM ID)	
	12	1	**3J-1907**	2	SEAL-O-RING (11.89MM ID)	

M-METRIC PART



GRAPHIC #1 g00666874

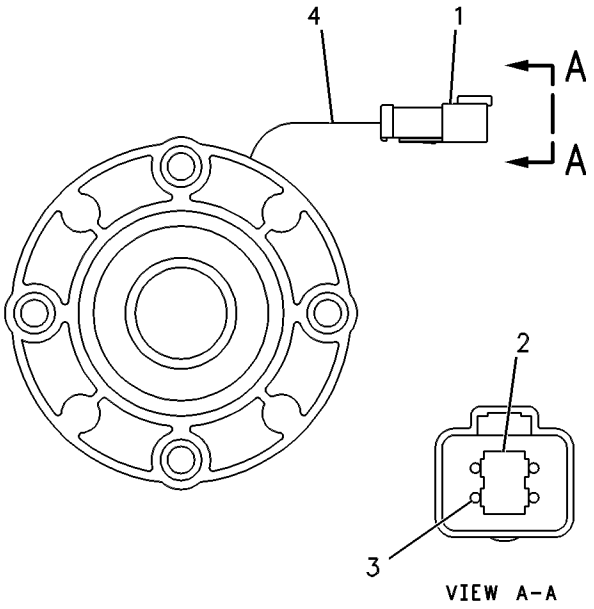
124-9325 SENSOR GP-FUEL LEVEL

PIN 2KZ1-UP
ULTRASONIC FUEL SENSOR
PART OF 3Q-6999 TANK GP-FUEL

SMCS-1273 **i01240761**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**102-8804**	1	KIT-RECEPTACLE (4 PIN)	
					(INCLUDES WEDGE)	
	2	1	**3E-3377**	1	WEDGE-RECEPTACLE LOCK	
	3	1	**8T-8729**	4	PIN-CONNECTOR	
BE	4	1	**9X-1813**		SLEEVE	

B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER



GRAPHIC #1 g00085712

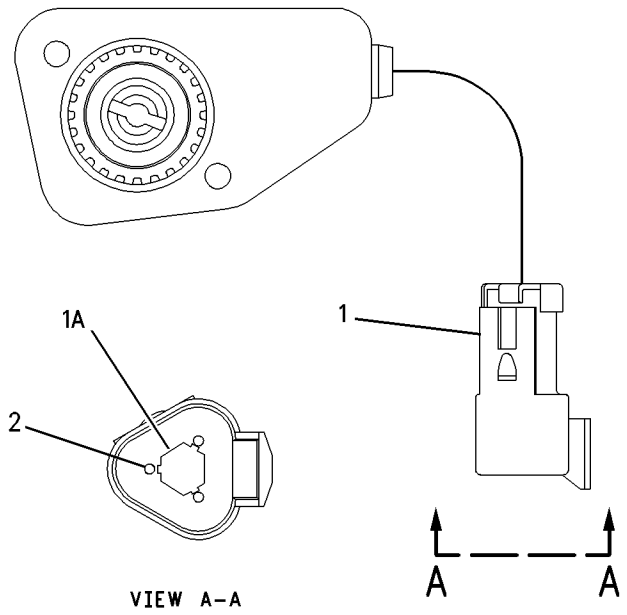
9X-5592 SENSOR GP-POSITION–TC IMPELLER CLUTCH

PIN 2KZ1-UP

PART OF 112-2273 CONTROL GP-FOOT BRAKE

SMCS-1408, 4269, 5702, 5736, 7494 **i01246391**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**102-8803**	1	KIT-RECEPTACLE (3 PIN)	
	1A	1	**3E-3371**	1	WEDGE-RECEPTACLE LOCK	
	2	1	**8T-8729**	3	PIN-CONNECTOR	



GRAPHIC #1 g00664989

147-1680 SENSOR GP-POSITION–TC IMPELLER CLUTCH

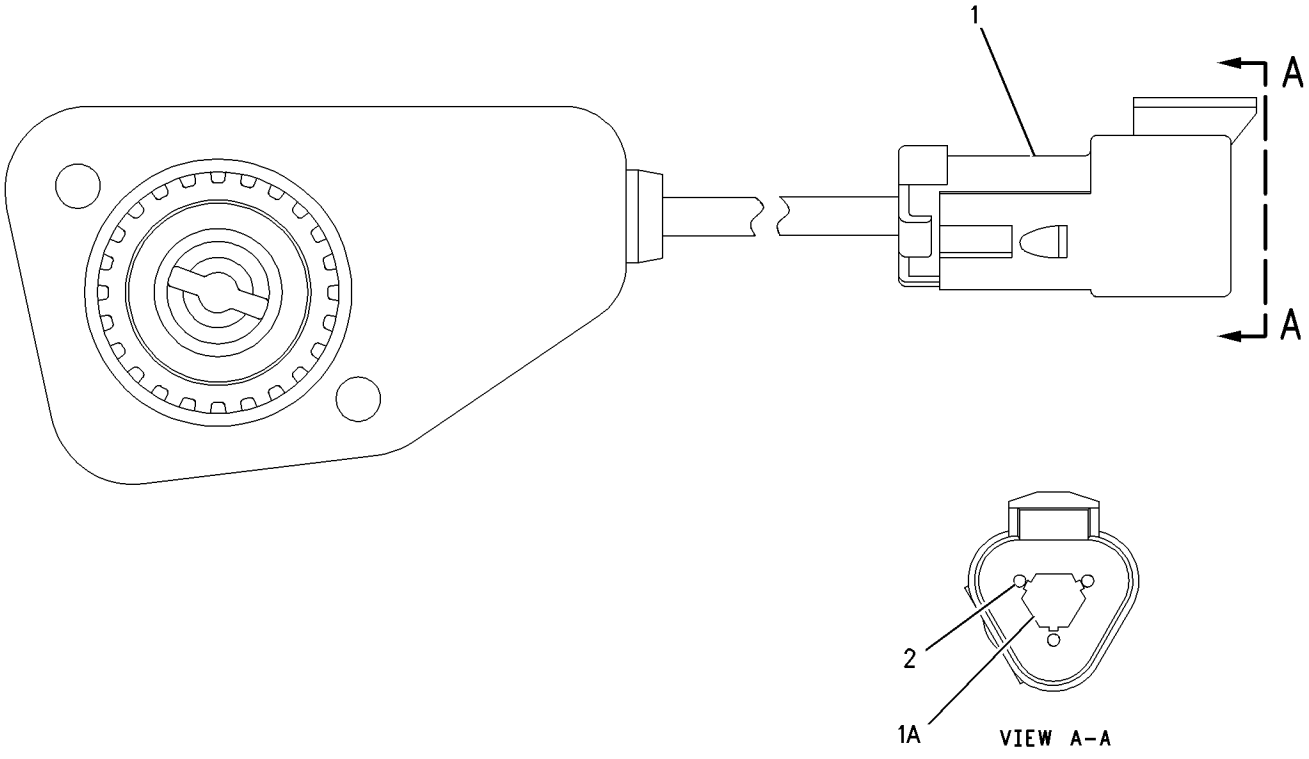
PIN 2KZ1-UP

ROTARY

PART OF 112-2273 CONTROL GP-FOOT BRAKE

SMCS-1408, 4269, 5702, 5736, 7494 **i01240764**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**102-8803**	1	KIT-RECEPTACLE (3 PIN)	
					(INCLUDES WEDGE)	
	1A	1	**3E-3371**	1	WEDGE-RECEPTACLE LOCK	
	2	1	**8T-8729**	3	PIN-CONNECTOR	



GRAPHIC #1 g00653144

176-1602 SENSOR GP-POSITION

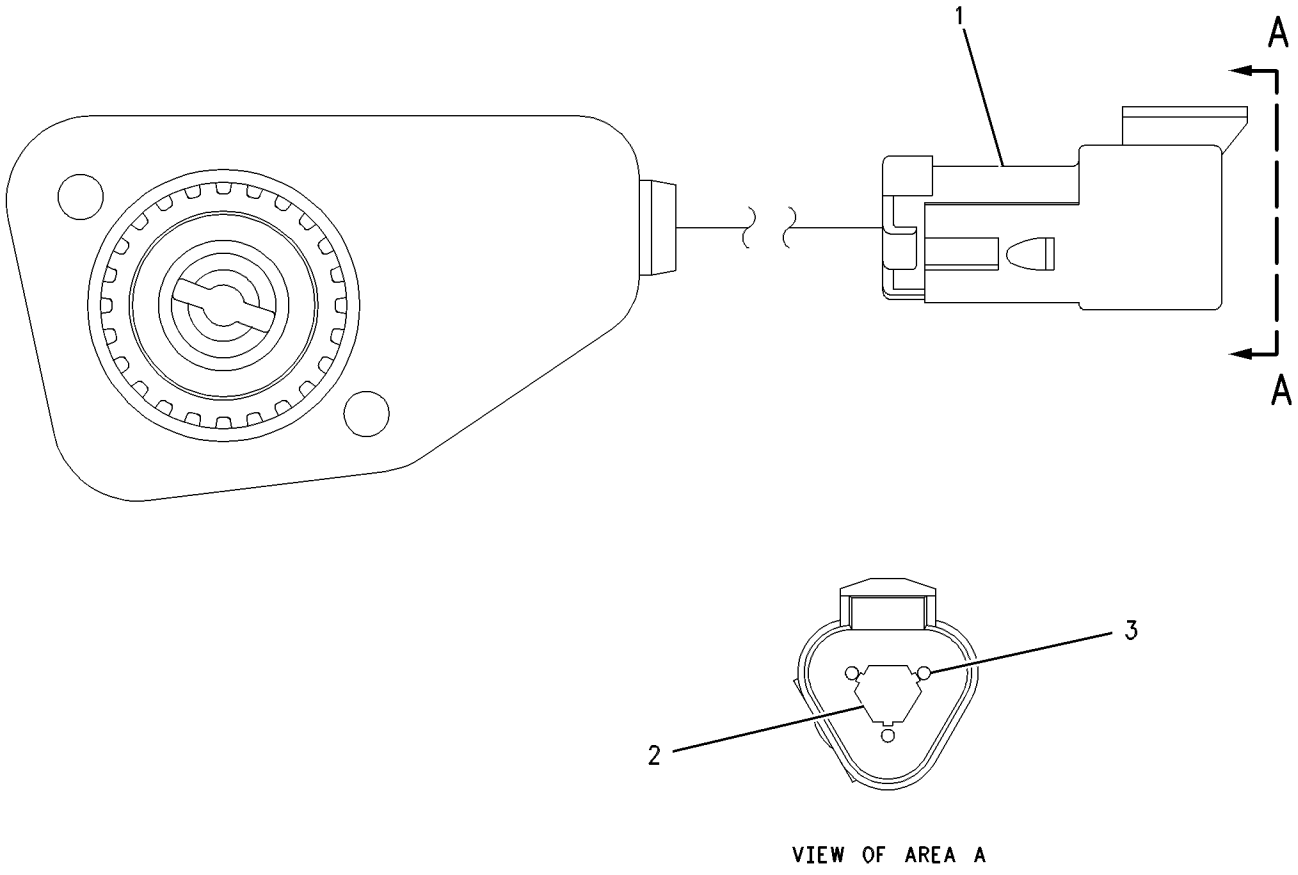
PIN 2KZ1-UP

PROVIDES PEDAL MOUNTED THROTTLE POSITION SENSOR

PART OF 113-4799 PEDAL GP-GOVERNOR

SMCS-1408, 4269, 5702, 5736, 7494 **i01240765**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**102-8803**	1	KIT-RECEPTACLE (3 PIN)	
					(INCLUDES WEDGE)	
	2	1	**3E-3371**	1	WEDGE-RECEPTACLE LOCK	
	3	1	**8T-8729**	3	PIN-CONNECTOR	



GRAPHIC #1 g00620417

103-6092 SENSOR GP-PRESSURE–ENGINE OIL

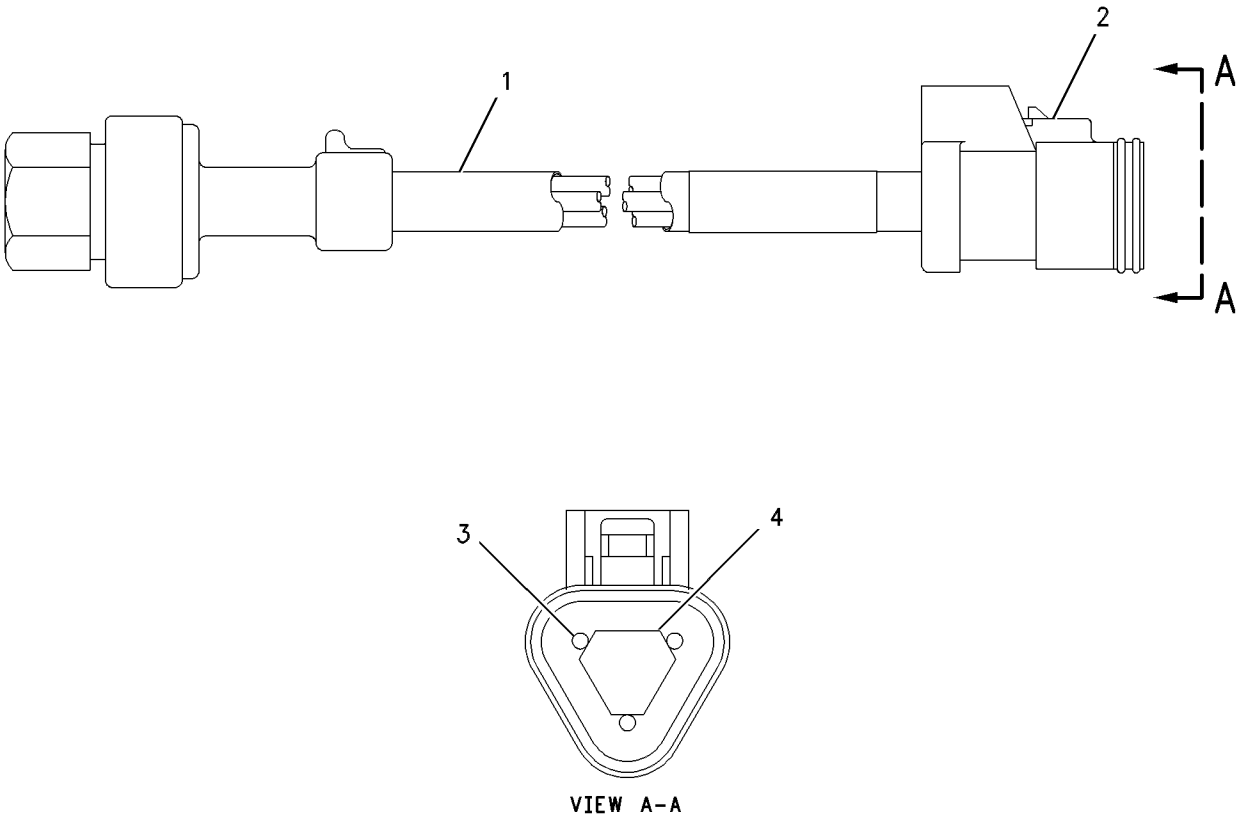
S/N 80M861-2772

PART OF 126-7292 PUMP & MTG GP-UNIT INJ HYD

SMCS-7494 **i01178156**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
B	1	1	**9X-1813**		SLEEVE	
	2	1	**102-8808**	1	KIT-CONNECTING PLUG (3 PIN)	
					(INCLUDES WEDGE)	
		1	**102-8813**	1	SEAL-INTERFACE	
	3	1	**8T-8730**	3	SOCKET-CONNECTOR	
	4	1	**3E-3368**	1	WEDGE-PLUG LOCK	

B-USE AS REQUIRED



GRAPHIC #1 g00625717

103-6093 SENSOR GP-PRESSURE–ATMOSPHERIC

S/N 80M861-2705

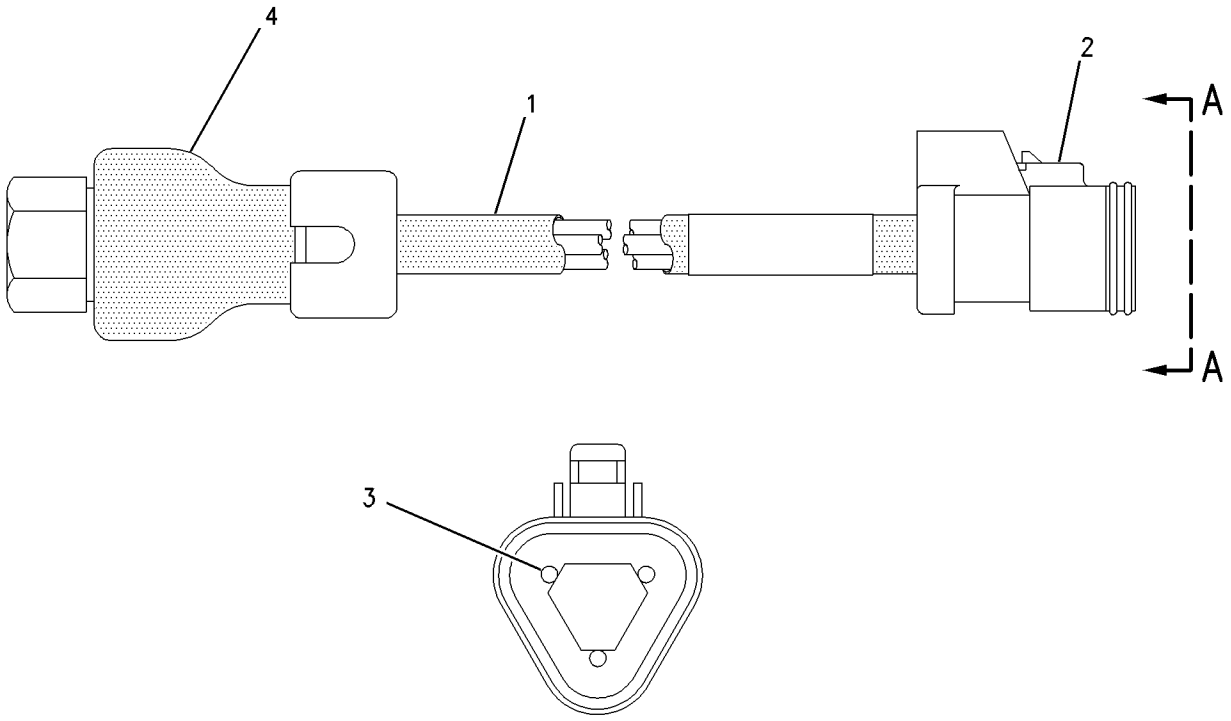
PART OF 125-3431 DRIVE GP-UNIT INJ HYD PUMP

FIELD REPLACEMENT ORDER 161-9926–PAGE 188

SMCS-7494 **i01222621**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
B	1	1	**9X-1813**		SLEEVE	
	2	1	**102-8808**	1	KIT-CONNECTING PLUG (3 PIN)	
					(INCLUDES WEDGE)	
	3	1	**8T-8730**	3	SOCKET-CONNECTOR	
BE	4	1	**150-7989**		TUBE	

B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER



VIEW A-A

GRAPHIC #1 g00629905

140-3540 SENSOR GP-PRESSURE–INJECTION ACTUATOR OIL

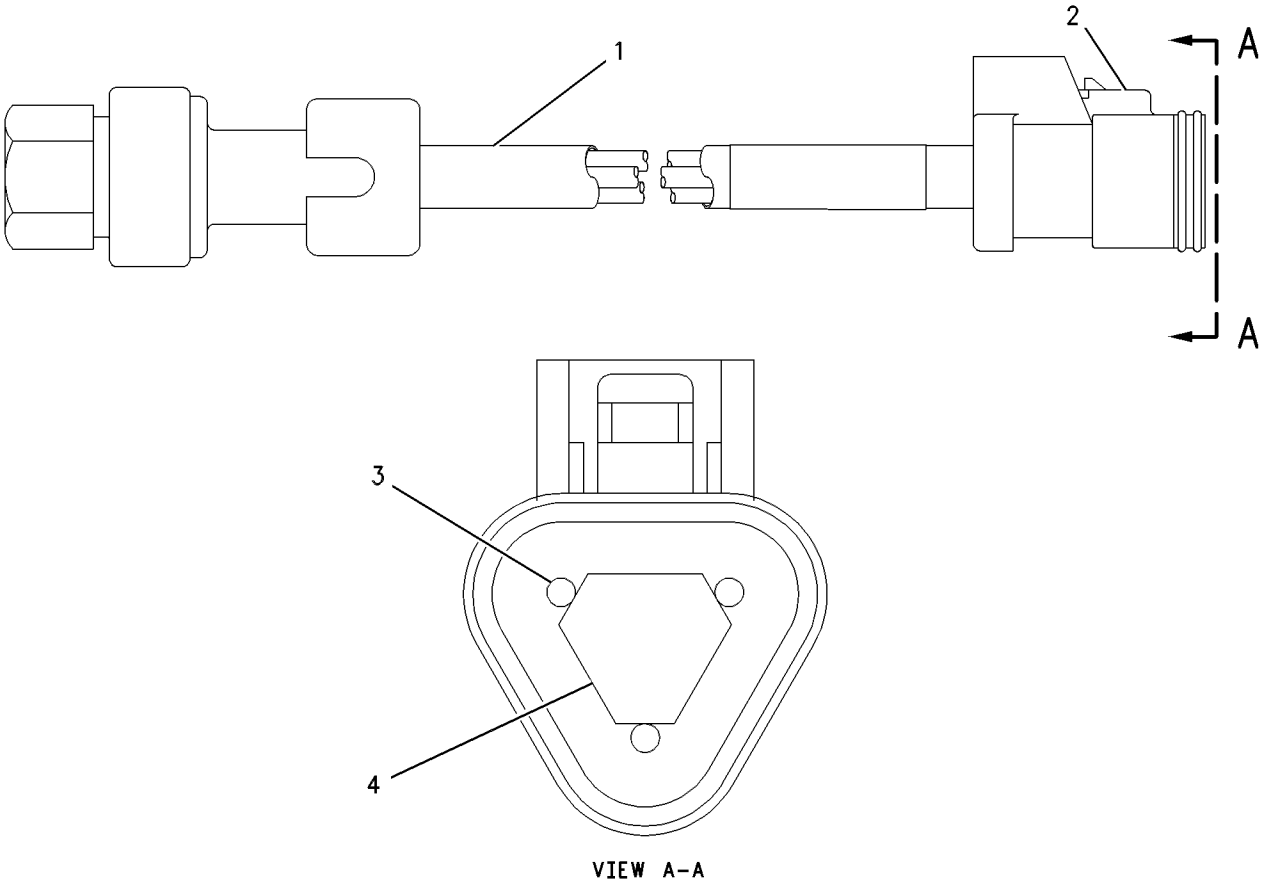
S/N 80M861-UP

PART OF 108-1552 CYLINDER HEAD GP

SMCS-7494 **i01242484**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
B	1	1	**9X-1813**		SLEEVE	
	2	1	**102-8808**	1	KIT-CONNECTING PLUG (3 PIN)	
					(INCLUDES WEDGE)	
		1	**102-8813**	1	SEAL-INTERFACE	
	3	1	**8T-8730**	3	SOCKET-CONNECTOR	
	4	1	**3E-3368**	1	WEDGE-PLUG LOCK	

B-USE AS REQUIRED



VIEW A-A

GRAPHIC #1 g00286885

161-9925 SENSOR GP-PRESSURE–ATMOSPHERIC

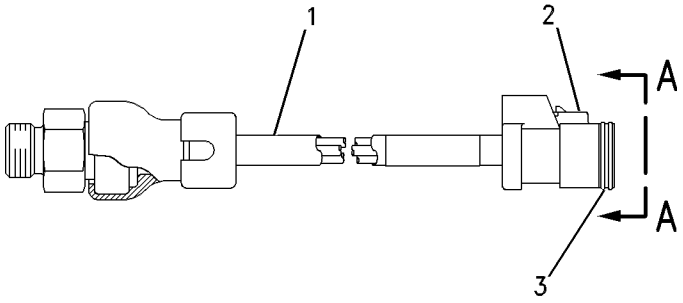
S/N 80M3038-UP

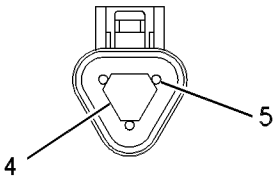
PART OF 125-3431 DRIVE GP-UNIT INJ HYD PUMP

SMCS-7494 **i01242482**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
B	1	1	**9X-1813**		SLEEVE	
	2	1	**102-8808**	1	KIT-CONNECTING PLUG (3 PIN)	
					(INCLUDES WEDGE)	
	3	1	**102-8813**	1	SEAL-INTERFACE	
	4	1	**3E-3368**	1	WEDGE-PLUG LOCK	
	5	1	**8T-8730**	3	SOCKET-CONNECTOR	

B-USE AS REQUIRED





VIEW A-A

GRAPHIC #1 g00545805

161-9926 SENSOR GP-PRESSURE–ATMOSPHERIC

S/N 80M2706-3037

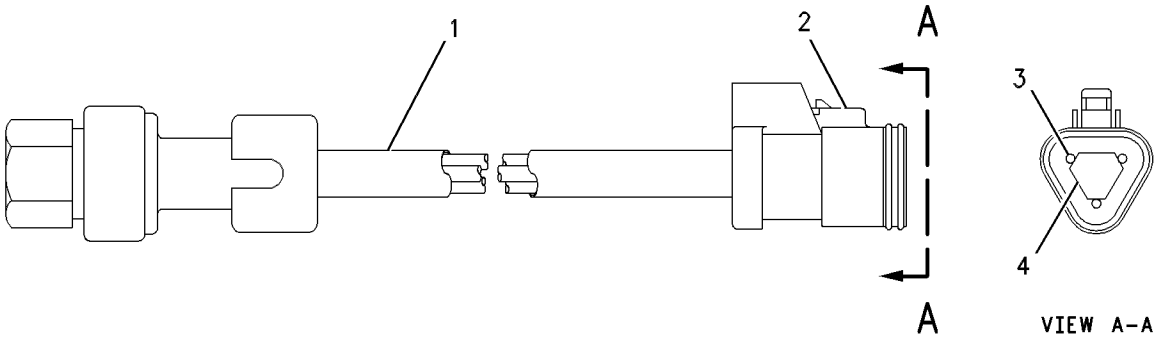
PART OF 125-3431 DRIVE GP-UNIT INJ HYD PUMP

FIELD REPLACEMENT FOR 103-6093–PAGE 185

SMCS-7494 **i01242483**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
E	1	1	**9X-1813**		SLEEVE (34CM)	
	2	1	**155-2260**	1	KIT-PLUG (3 PIN)	
					(INCLUDES WEDGE)	
	3	1	**8T-8730**	3	SOCKET-CONNECTOR	
	4	1	**3E-3368**	1	WEDGE-PLUG LOCK	

E-ORDER BY THE CENTIMETER



GRAPHIC #1 g00513129

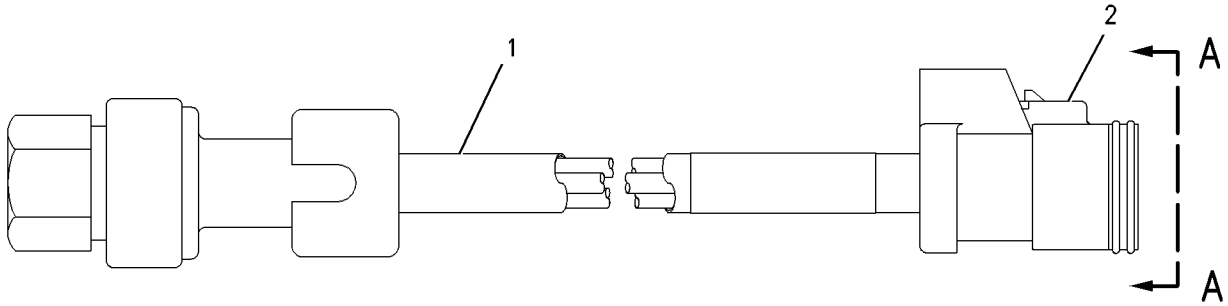
161-9929 SENSOR GP-PRESSURE

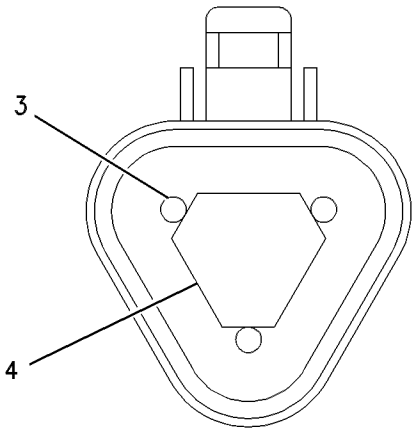
S/N 80M861-UP
BOOST AIR
PART OF 108-1552 CYLINDER HEAD GP

SMCS-7494 **i01240769**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
B	1	1	**138-3094**		SLEEVE (34CM)	
	2	1	**155-2260**	1	KIT-PLUG (3 PIN)	
					(INCLUDES WEDGE)	
		1	**102-8813**	1	SEAL-INTERFACE	
	3	1	**8T-8730**	3	SOCKET-CONNECTOR	
	4	1	**3E-3368**	1	WEDGE-PLUG LOCK	

B-USE AS REQUIRED





VIEW A-A

GRAPHIC #1 g00468388

161-9931 SENSOR GP-PRESSURE–ENGINE OIL

S/N 8OM2773-UP

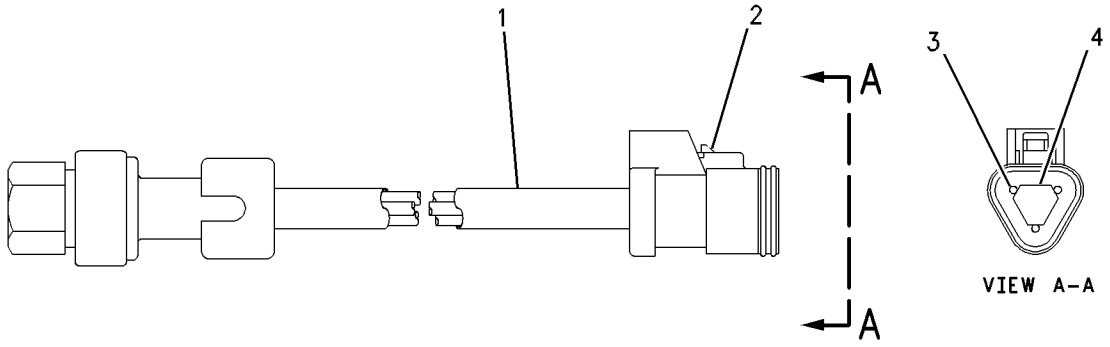
OIL

PART OF 126-7292 PUMP & MTG GP-UNIT INJ HYD

SMCS-7494 **i01229094**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
B	1	1	**9X-1813**		SLEEVE (BULK)	
	2	1	**102-8808**	1	KIT-CONNECTING PLUG (3 PIN)	
					(INCLUDES WEDGE)	
		1	**102-8813**	1	SEAL-INTERFACE	
	3	1	**8T-8730**	3	SOCKET-CONNECTOR	
	4	1	**3E-3368**	1	WEDGE-PLUG LOCK	

B-USE AS REQUIRED



GRAPHIC #1 g00517131

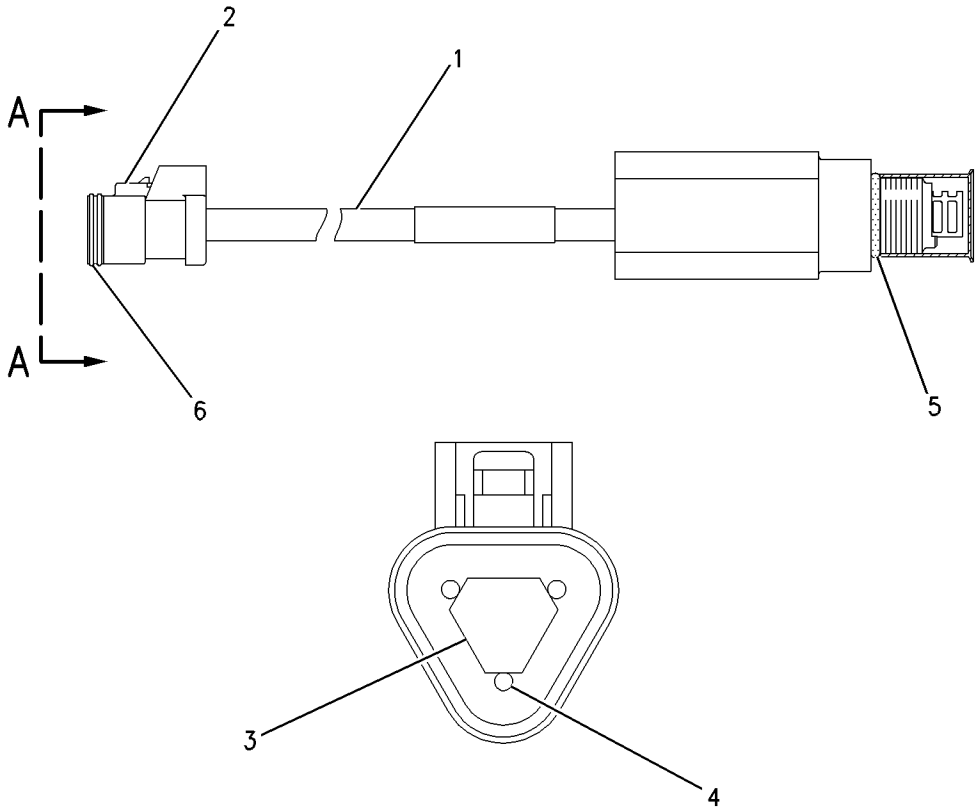
129-6628 SENSOR GP-SPEED

S/N 80M861-UP
ENGINE SPEED/TIMING
PART OF 126-7280 HOUSING GP-FRONT

SMCS-1907, 1912, 4803, 7493 **i01240772**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
BE	1	1	**9X-1813**		SLEEVE	
	2	1	**155-2260**	1	KIT-PLUG (3 PIN)	
					(INCLUDES WEDGE)	
	3	1	**3E-3368**	1	WEDGE-PLUG LOCK	
	4	1	**8T-8730**	3	SOCKET-CONNECTOR	
	5	1	**8L-2786**	1	SEAL-O-RING (16.36MM ID)	
	6	1	**102-8813**	1	SEAL-INTERFACE	

B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER



VIEW A-A

GRAPHIC #1 g00644861

106-0735 SENSOR GP-TEMPERATURE

S/N 80M861-UP

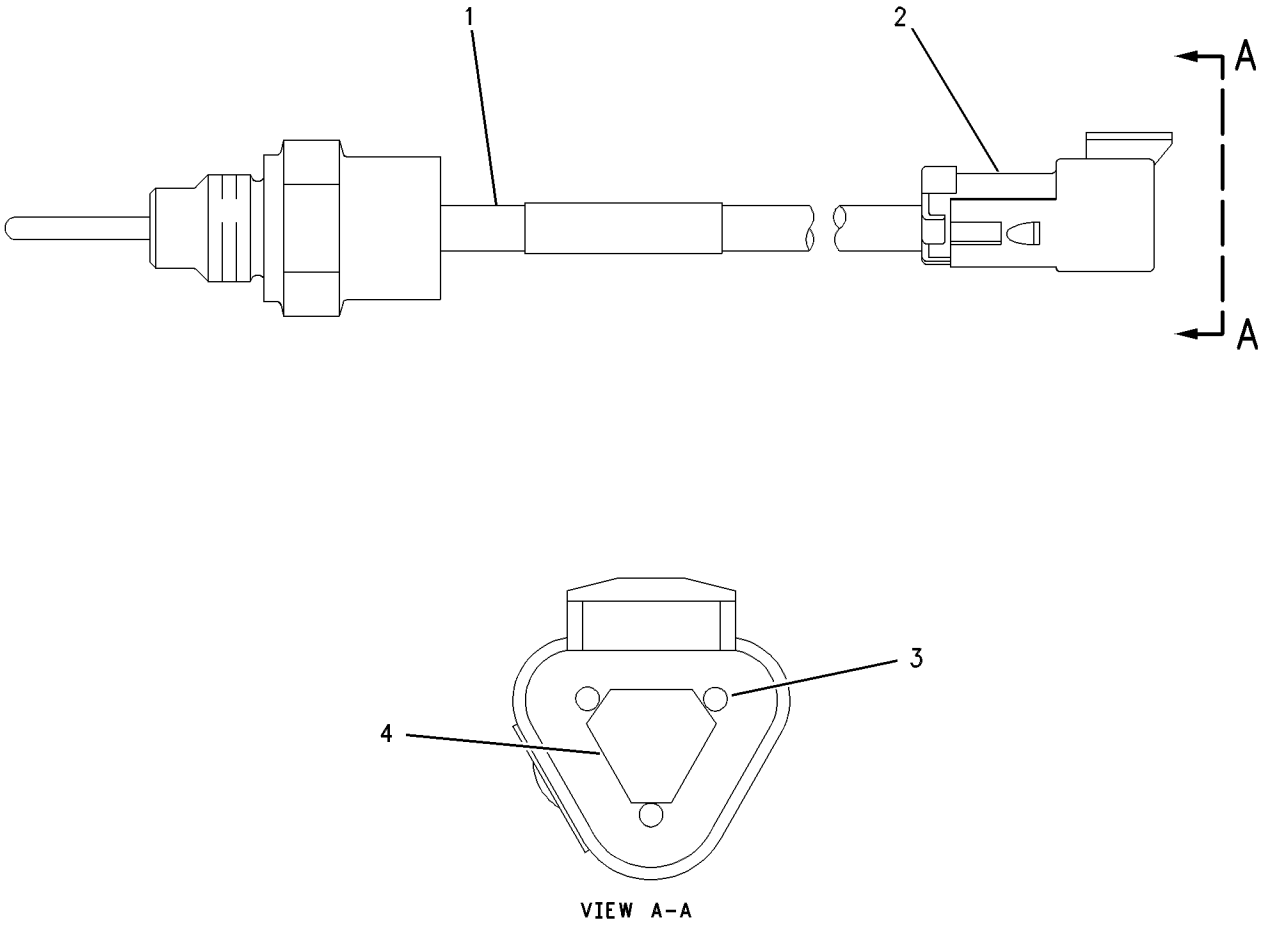
OIL

PART OF 126-7292 PUMP & MTG GP-UNIT INJ HYD

SMCS-1408, 1906, 1921, 1922, 301T, 429T, 509T **i01240774**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
B	1	1	**9X-1813**		SLEEVE	
	2	1	**102-8803**	1	KIT-RECEPTACLE (3 PIN)	
					(INCLUDES WEDGE)	
	3	1	**8T-8729**	3	PIN-CONNECTOR	
	4	1	**3E-3371**	1	WEDGE-RECEPTACLE LOCK	

B-USE AS REQUIRED



GRAPHIC #1 g00383277

MEMORANDA

123-1050 STARTING AID GP-ETHER

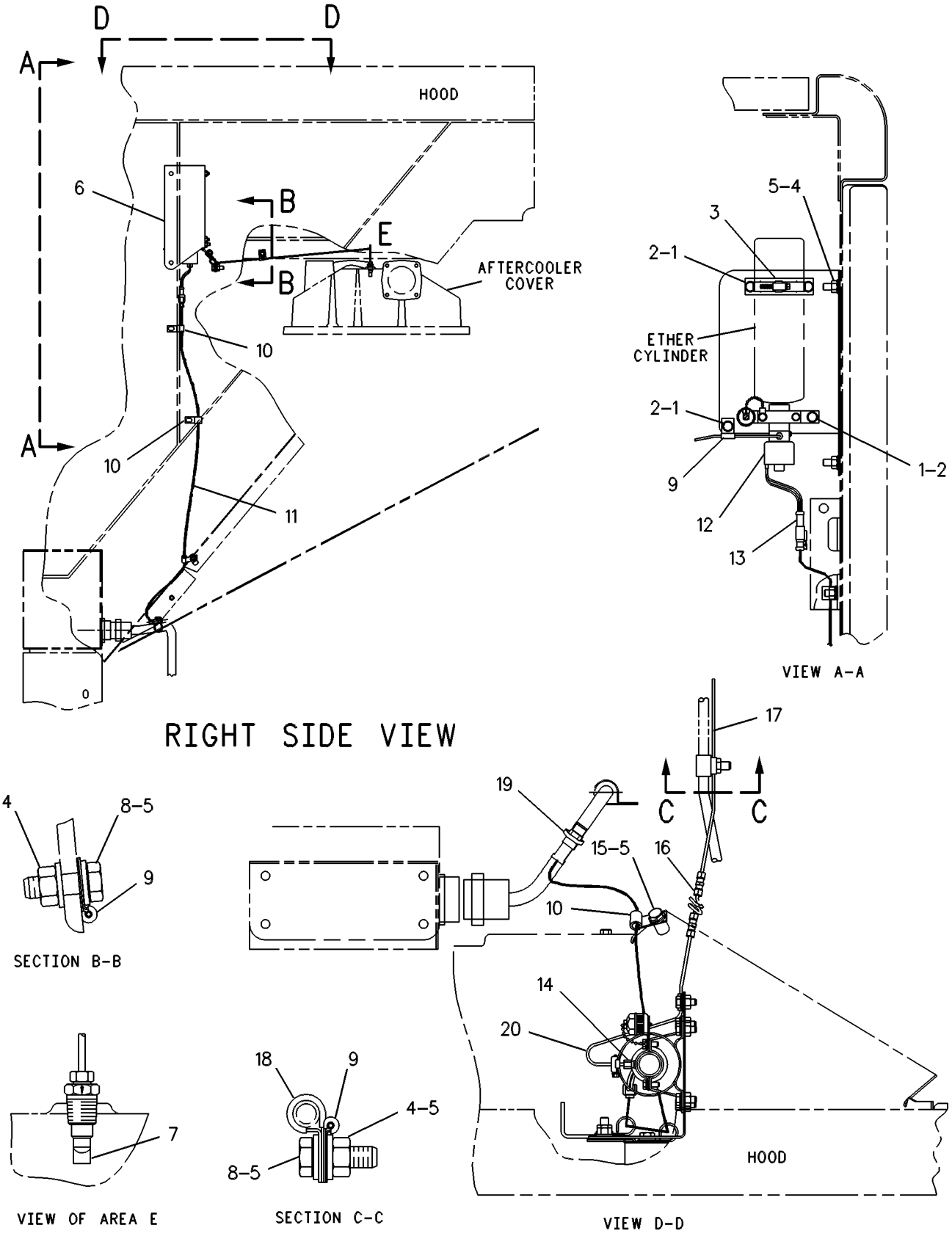
PIN 2KZ1-UP

PART OF 122-4986 INSTALLATION AR-ENGINE

SMCS-1456 **i01229098**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**8T-4189**	5	BOLT (M8X1.25X20MM)	
	2	1	**8T-4224**	5	WASHER-HARD (8.8X16X2MM THK)	
	3	1	**7N-2059**	1	CLAMP AS-CYLINDER	
M	4	1	**8T-4133**	4	NUT (M10X1.50 THD)	
	5	1	**8T-4121**	7	WASHER-HARD (2.5MM THK)	
	6	1	**9U-1482**	1	SHEET AS	
M		1	**8T-3612**	5	NUT-WELD (M8X1.25 THD)	
	7	1	**6N-7672**	1	ATOMIZER AS	
M	8	1	**8T-4195**	2	BOLT (M10X1.50X30MM)	
	9	1	**6V-2686**	3	CLIP (3.18MM ID)	
	10	1	**6V-3265**	3	CLIP (9.52MM ID)	
	11	1	**123-1051**	1	HARNESS AS	
	12	1	**3E-6333**	1	VALVE AS (ETHER START 24 VOLT) (ETHER-AID)	
		1	**3E-3365**	1	WEDGE-RECEPTACLE LOCK	
		1	**7N-9801**	1	GASKET	
		1	**8T-8729**	2	PIN-CONNECTOR	
	13	1	**102-8802**	1	KIT-RECEPTACLE (2 PIN)	
					(INCLUDES WEDGE)	
	14	1	**5P-2948**	1	CONNECTOR-TUBE	
M	15	1	**7X-2621**	1	BOLT (M10X1.50X12MM)	
	16	1	**7N-0140**	1	TUBE AS-COIL	
	17	1	**9U-1512**	1	TUBE	
	18	1	**5P-9299**	1	CLIP (12.7MM ID)	
	19	1	**3S-2093**	1	STRAP-CABLE	
	20	1	**9U-1513**	1	TUBE	

M-METRIC PART



GRAPHIC #1 g00121387

125-1150 STARTING AR-COLD WEATHER

PIN 2KZ1-UP

PART OF 152-9751 GENERAL AR

SMCS-1401, 1453 **i00662524**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*104-5679*	1	BATTERY GP	148
Y	*125-1151*	1	STARTING MOTOR GP-ELECTRIC	208

Y-SEPARATE ILLUSTRATION

MEMORANDA

6V-0885 STARTING MOTOR GP-ELECTRIC

PIN 2KZ1-UP
24 VOLT
PART OF 7N-1059 STARTING MOTOR GP-ELECTRIC
FIELD REPLACEMENT ORDER 6V-0890—PAGE 202

SMCS-1453, 1454, 1465, 1467 **i01046484**

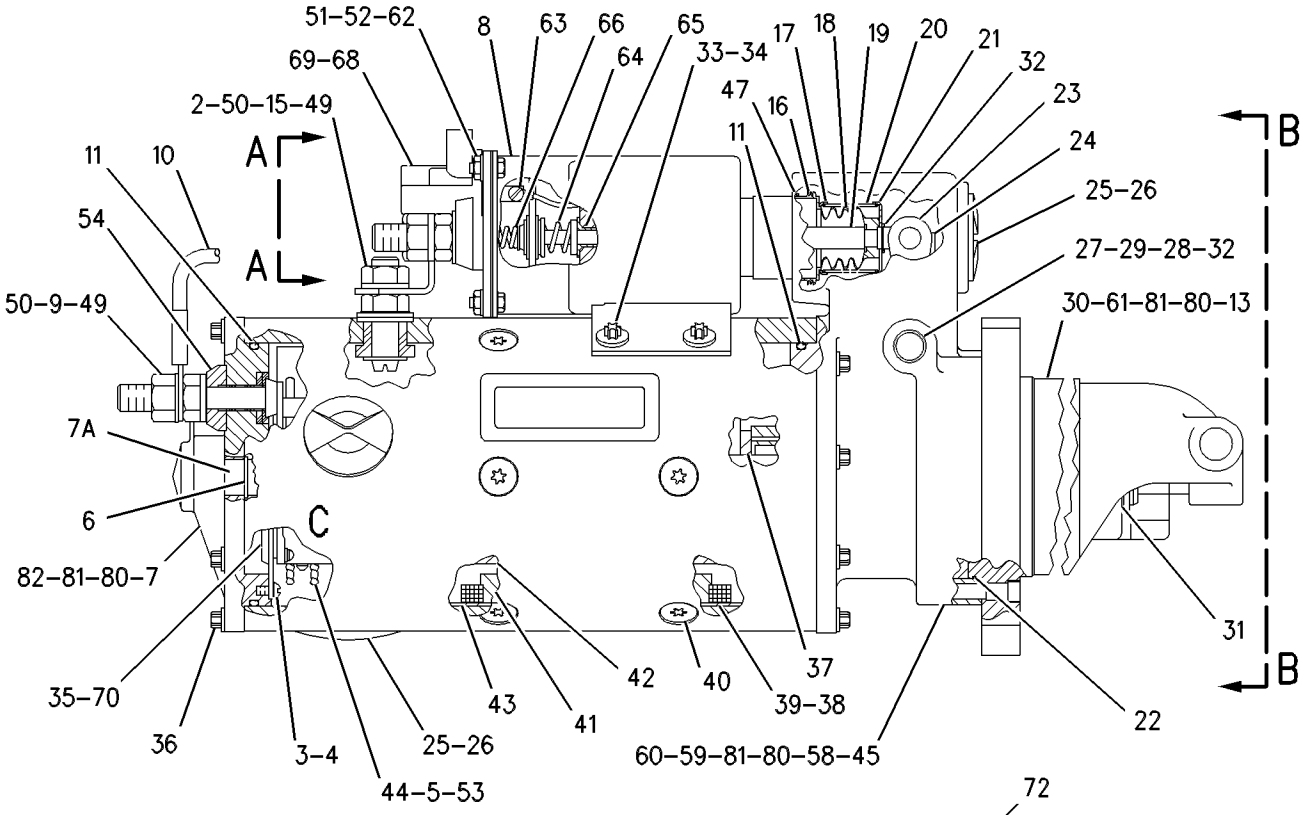
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7M-0326**	1	CONNECTOR	
	2	1	**9H-3757**	2	WASHER (3/32IN THK)	
	3	1	**1S-7446**	3	SCREW-MACHINE (8-32 THD)	
	4	1	**8C-9660**	3	WASHER (0.8MM THK)	
C	5	1	**9S-2544**	9	SCREW-HEX HEAD	
	6	1	**7M-0327**	1	WASHER-THRUST	
	7	1	**3T-3418**	1	FRAME AS-END	
		1	**9G-4101**	1	BUSHING-END	
		1	**3T-3423**	1	CUP	
	7A	1	**3T-3424**	1	PLUG-FELT	
C	8	1	**125-6533**	1	SOLENOID AS	
	9	1	**7F-3491**	2	WASHER (3/32IN THK)	
	10	1	**3T-3422**	1	WIRE AS	
	11	1	**2J-8163**	2	SEAL-O-RING (117.07MM ID)	
	12	1	**7X-3373**	1	BOLT (5/16-18X.88IN)	
B	13	1	**3T-3434**	6	PLUG (12.7MM OD SPHERE)	
	14	1	**5J-5314**	5	BOLT (5/16-18X1.5IN)	
	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-7606**	1	PLUNGER AS	
	20	1	**9M-7609**	1	SPRING	
	21	1	**4M-1827**	1	RETAINER-SPRING	
	22	1	**8C-3089**	1	SEAL-O-RING (82.22MM ID)	
	23	1	**4M-1853**	1	LEVER AS-SHIFT	
	24	1	**5M-3034**	1	LOCKNUT (5/16-24 THD)	
	25	1	**7L-2894**	4	GASKET	
	26	1	**4M-1831**	4	PLUG-LEVER HOUSING	
	27	1	**4M-1854**	1	SHAFT-LEVER	
	28	1	**1H-1023**	1	SEAL-O-RING (9.25MM ID)	
	29	1	**2D-6392**	1	SEAL-O-RING (6.07MM ID)	
	30	1	**7T-3974**	1	HOUSING AS-DRIVE	
	31	1	**6N-3826**	1	DRIVE AS-MOTOR	
	32	1	**2H-3429**	2	RING-RETAINING	
	33	1	**6V-1322**	4	BOLT (1/4-20X.375 IN)	
	34	1	**8T-4205**	4	WASHER-HARD (2MM THK)	
	35	1	**6N-3279**	1	INSULATOR	
	36	1	**036-9823**	13	BOLT	
	37	1	**1M-9971**	1	SPACER	
	38	1	**1H-2629**	3	STRIP-INSULATION	
	39	1	**7M-0324**	1	COIL AS-FIELD	
	40	1	**3F-0379**	12	SCREW-POLE SHOE	
	41	1	**7F-3488**	6	SHOE-POLE	
	42	1	**7M-8651**	1	ARMATURE AS	
	43	1	**7M-0325**	1	INSULATOR-COIL	
	44	1	**3T-9524**	6	BRUSH AS	
	45	1	**3E-7771**	1	HOUSING AS	
C	46	1	**125-6537**	1	INSULATOR	
	47	1	**3R-8801**	1	CLAMP-BOOT	
	48	1	**8F-1434**	2	LOCKWASHER (0.51MM THK)	
	49	1	**6V-8188**	6	NUT (1/2-13 THD)	
	50	1	**7X-0562**	6	WASHER-HARD (0.8MM THK)	
	51	1	**4B-2049**	6	NUT (10-32 THD)	

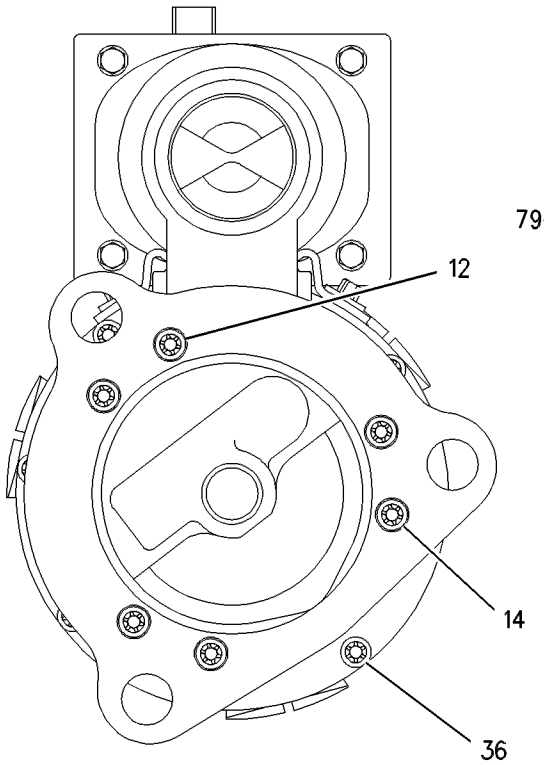
6V-0885 STARTING MOTOR GP-ELECTRIC *(contd.)*

i01046484

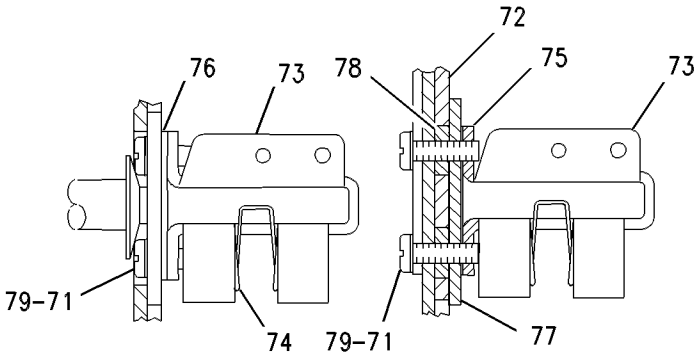
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	52	1	**8T-0328**	10	WASHER-HARD (1MM THK)	
	53	1	**3T-9494**	6	SPRING-BRUSH	
	54	1	**3N-3763**	1	KIT-TERMINAL (STARTING MOTOR)	
					(INCLUDES INSULATOR, BUSHINGS, & WASHER)	
	58	1	**1M-9968**	1	BUSHING	
	59	1	**2F-6678**	1	SEAL-LIP	
	60	1	**4L-2729**	1	WASHER	
	61	1	**4M-1896**	1	BUSHING-TERMINAL	
	62	1	**045-4065**	4	SCREW-MACHINE (10-32X.75IN)	
C	63	1	**6V-8373**	3	SCREW-MACHINE (6-32X.187IN)	
C	64	1	**9G-6770**	1	CONTACT AS	
C	65	1	**6T-1120**	1	BUSHING-TERMINAL	
C	66	1	**4M-1815**	1	SPRING-CONTACT	
C	67	1	**125-6535**	1	COVER-STARTING MOTOR	
C	68	1	**7T-9123**	1	GASKET-PLATE	
C	69	1	**125-6536**	1	TERMINAL AS	
	70	1	**3T-9525**	1	PLATE AS-BRUSH	
	71	1	**9F-5599**	12	LOCKWASHER	
	72	1	**6T-0371**	1	INSULATOR	
	73	1	**6T-0363**	6	HOLDER AS-BRUSH	
					(EACH INCLUDES)	
	74	1	**3T-9494**	1	SPRING-BRUSH	
	75	1	**3T-4709**	3	PLATE	
	76	1	**3T-4710**	3	PLATE	
	77	1	**2L-6679**	3	PLATE-INSULATOR	
	78	1	**7F-3525**	6	WASHER-BUSHING	
	79	1	**5P-6298**	12	SCREW-MACHINE (10-32X0.5IN)	
	80	1	**3T-3423**	3	CUP	
	81	1	**3T-3424**	3	PLUG-FELT	
C	82	1	**9G-4101**	1	BUSHING-END	

B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE



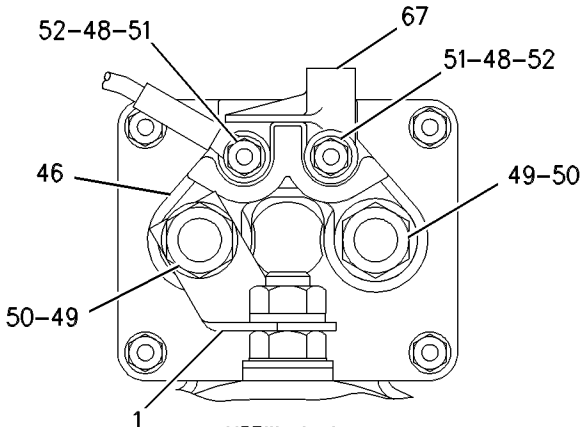


VIEW B-B



GROUNDED BRUSH INSULATED BRUSH

VIEW OF AREA C



VIEW A-A

GRAPHIC #1

g00535285

MEMORANDA

6V-0890 STARTING MOTOR GP-ELECTRIC*R

PIN 2KZ1-UP
24 VOLT
PART OF 105-4729 STARTING MOTOR GP-ELECTRIC
FIELD REPLACEMENT FOR 6V-0885—PAGE 198

SMCS-1453, 1454, 1465, 1467 **i01035348**

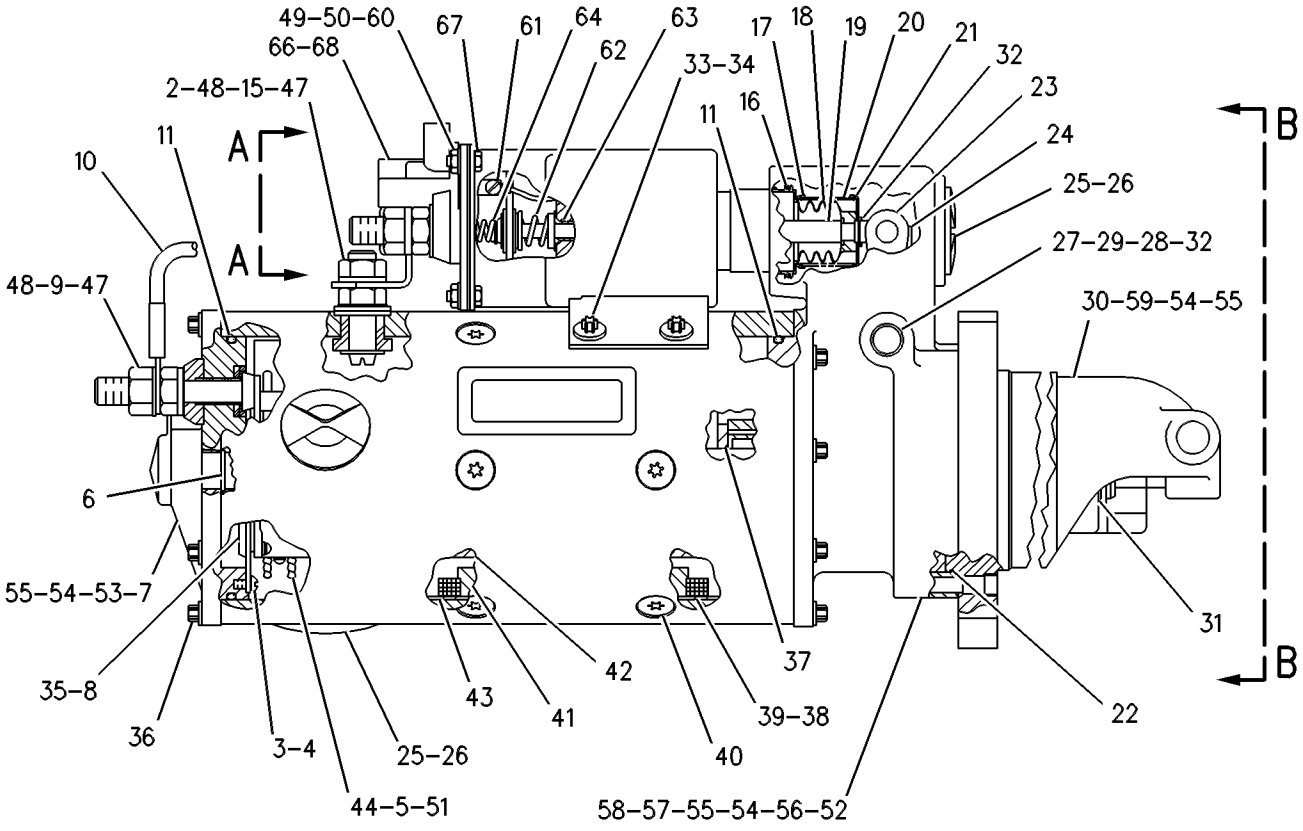
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7M-0326**	1	CONNECTOR	
	2	1	**9H-3757**	2	WASHER (3/32IN THK)	
	3	1	**1S-7446**	3	SCREW-MACHINE (8-32 THD)	
	4	1	**8C-9660**	3	WASHER (0.8MM THK)	
	5	1	**9S-2544**	9	SCREW-HEX HEAD	
	6	1	**7M-0327**	1	WASHER-THRUST	
	7	1	**3T-3418**	1	FRAME AS-END	
		1	**3T-3423**	1	CUP	
		1	**9G-4101**	1	BUSHING-END	
		1	**3T-3424**	1	PLUG-FELT	
	8	1	**3T-9525**	1	PLATE AS-BRUSH	
		1	**6T-0371**	1	INSULATOR	
		1	**5P-6298**	12	SCREW-MACHINE (10-32X0.5IN)	
		1	**9F-5599**	12	LOCKWASHER	
		1	**7F-3525**	6	WASHER-BUSHING	
		1	**6T-0363**	6	HOLDER AS-BRUSH	
					(EACH INCLUDES)	
		1	**3T-9494**	1	SPRING-BRUSH	
	9	1	**7F-3491**	2	WASHER (3/32IN THK)	
	10	1	**3T-3422**	1	WIRE AS	
	11	1	**2J-8163**	2	SEAL-O-RING (117.07MM ID)	
	12	1	**7X-3373**	1	BOLT (5/16-18X.88IN)	
	13	1	**3T-3434**	6	PLUG (12.7MM OD SPHERE)	
	14	1	**5J-5314**	5	BOLT (5/16-18X1.5IN)	
	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-7606**	1	PLUNGER AS	
	20	1	**9M-7609**	1	SPRING	
	21	1	**4M-1827**	1	RETAINER-SPRING	
	22	1	**8C-3089**	1	SEAL-O-RING (82.22MM ID)	
	23	1	**4M-1853**	1	LEVER AS-SHIFT	
	24	1	**5M-3034**	1	LOCKNUT (5/16-24 THD)	
	25	1	**7L-2894**	4	GASKET	
	26	1	**4M-1831**	4	PLUG-LEVER HOUSING	
	27	1	**4M-1854**	1	SHAFT-LEVER	
	28	1	**1H-1023**	1	SEAL-O-RING (9.25MM ID)	
	29	1	**2D-6392**	1	SEAL-O-RING (6.07MM ID)	
	30	1	**7T-3974**	1	HOUSING AS-DRIVE	
	31	1	**6N-3826**	1	DRIVE AS-MOTOR	
	32	1	**2H-3429**	2	RING-RETAINING	
	33	1	**6V-1322**	4	BOLT (1/4-20X.375 IN)	
	34	1	**8T-4205**	4	WASHER-HARD (2MM THK)	
	35	1	**6N-3279**	1	INSULATOR	
	36	1	**036-9823**	13	BOLT	
	37	1	**1M-9971**	1	SPACER	
	38	1	**1H-2629**	3	STRIP-INSULATION	
	39	1	**7M-0324**	1	COIL AS-FIELD	
	40	1	**3F-0379**	12	SCREW-POLE SHOE	
	41	1	**7F-3488**	6	SHOE-POLE	
	42	1	**7M-8651**	1	ARMATURE AS	
	43	1	**7M-0325**	1	INSULATOR-COIL	
	44	1	**3T-9524**	6	BRUSH AS	

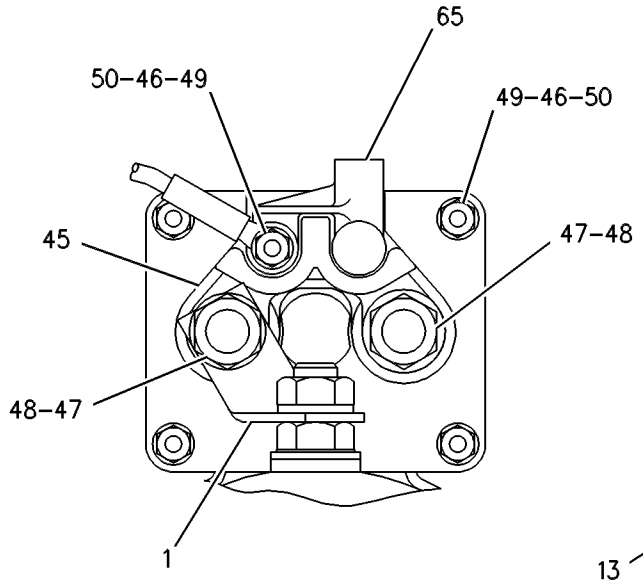
6V-0890 STARTING MOTOR GP-ELECTRIC *(contd.)*

i01035348

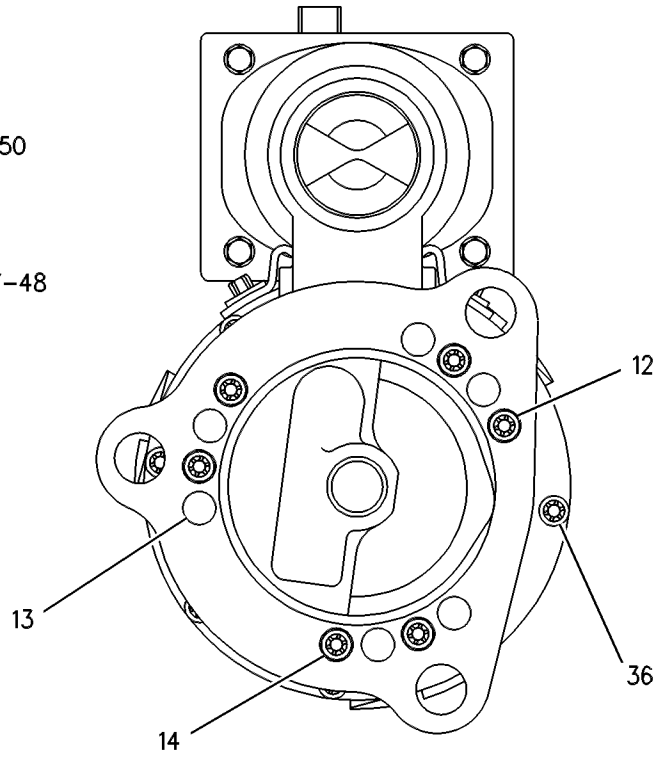
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	45	1	**125-6537**	1	INSULATOR	
	46	1	**8F-1434**	2	LOCKWASHER (0.51MM THK)	
	47	1	**6V-8188**	6	NUT (1/2-13 THD)	
	48	1	**7X-0562**	6	WASHER-HARD (0.8MM THK)	
	49	1	**4B-2049**	6	NUT (10-32 THD)	
	50	1	**8T-0328**	10	WASHER-HARD (1MM THK)	
	51	1	**3T-9494**	6	SPRING-BRUSH	
	52	1	**3E-7771**	1	HOUSING AS	
	53	1	**9G-4101**	1	BUSHING-END	
	54	1	**3T-3424**	3	PLUG-FELT	
	55	1	**3T-3423**	3	CUP	
	56	1	**1M-9968**	1	BUSHING	
	57	1	**2F-6678**	1	SEAL-LIP	
	58	1	**4L-2729**	1	WASHER	
	59	1	**4M-1896**	1	BUSHING-TERMINAL	
	60	1	**045-4065**	4	SCREW-MACHINE (10-32X.75IN)	
	61	1	**6V-8373**	3	SCREW-MACHINE (6-32X.187IN)	
	62	1	**9G-6770**	1	CONTACT AS	
	63	1	**6T-1120**	1	BUSHING-TERMINAL	
	64	1	**4M-1815**	1	SPRING-CONTACT	
	65	1	**125-6535**	1	COVER-STARTING MOTOR	
	66	1	**7T-9123**	1	GASKET-PLATE	
	67	1	**125-6533**	1	SOLENOID AS	
		1	**3R-8801**	1	CLAMP-BOOT	
	68	1	**125-6536**	1	TERMINAL AS	
					AVAILABLE REPAIR KIT(S):	
			3N-3763	1	KIT-TERMINAL (STARTING MOTOR)	
					(INCLUDES INSULATOR, BUSHINGS & WASHER)	

6V-0890 STARTING MOTOR GP-ELECTRIC *(contd.)* i01035348





VIEW A-A



VIEW B-B

GRAPHIC #1 g00066598

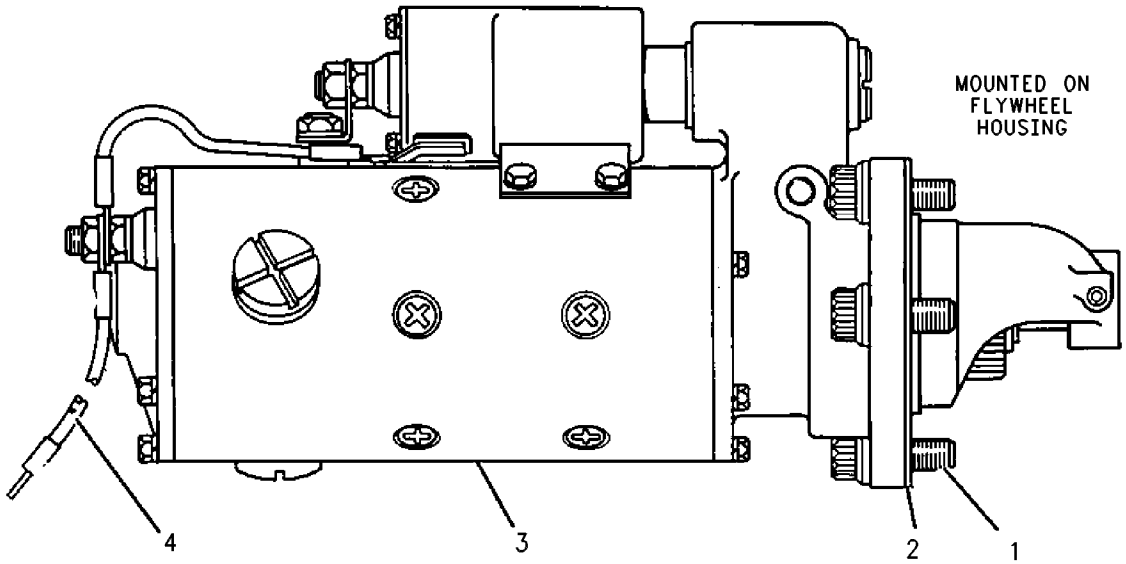
7N-1059 STARTING MOTOR GP-ELECTRIC

PIN 2KZ1-UP
24 VOLT. RH MOUNTED
PART OF 125-1151 STARTING MOTOR GP-ELECTRIC

SMCS-1453, 1454, 1465, 1467 **i01055305**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8S-2332**	3	BOLT-12 POINT HEAD (5/8-11X1.75IN)	
	2	1	**4H-7869**	1	GASKET	
CY	3	1	*6V-0885*	1	STARTING MOTOR GP-ELECTRIC (24V)	198
	4	1	**105-4728**	1	WIRE AS	

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00535151

105-4729 STARTING MOTOR GP-ELECTRIC

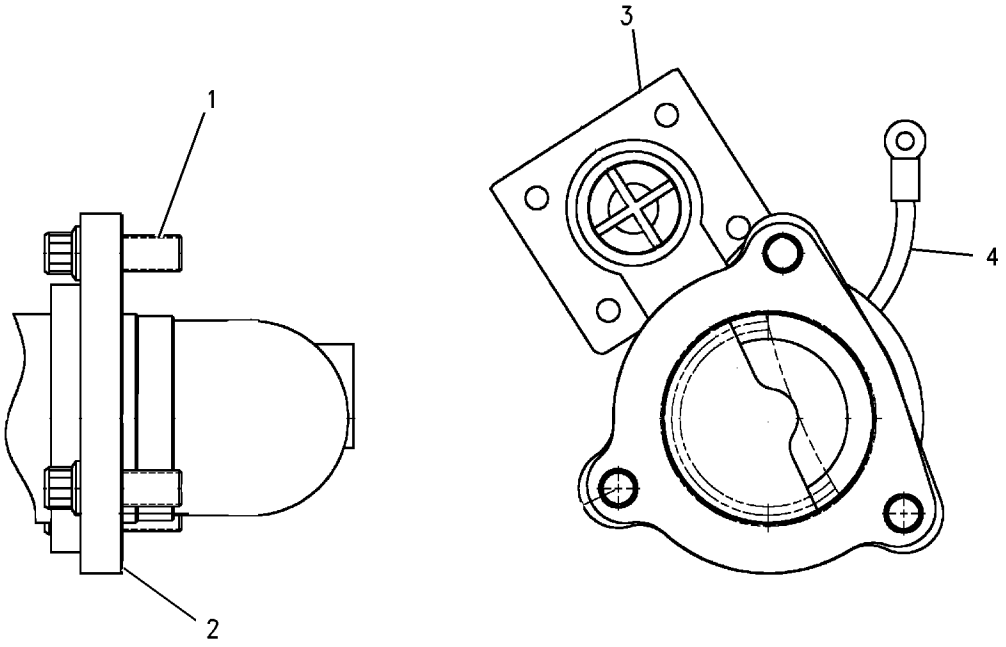
PIN 2KZ1-UP

PART OF 122-4986 INSTALLATION AR-ENGINE

SMCS-1453, 1454, 1465, 1467 **i01227718**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8S-2332**	3	BOLT-12 POINT HEAD (5/8-11X1.75IN)	
	2	1	**4N-1059**	1	GASKET	
YR	3	1	**6V-0890**	1	STARTING MOTOR GP-ELECTRIC	202
	4	1	**105-4728**	1	WIRE AS	

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00658745

MEMORANDA

125-1151 STARTING MOTOR GP-ELECTRIC

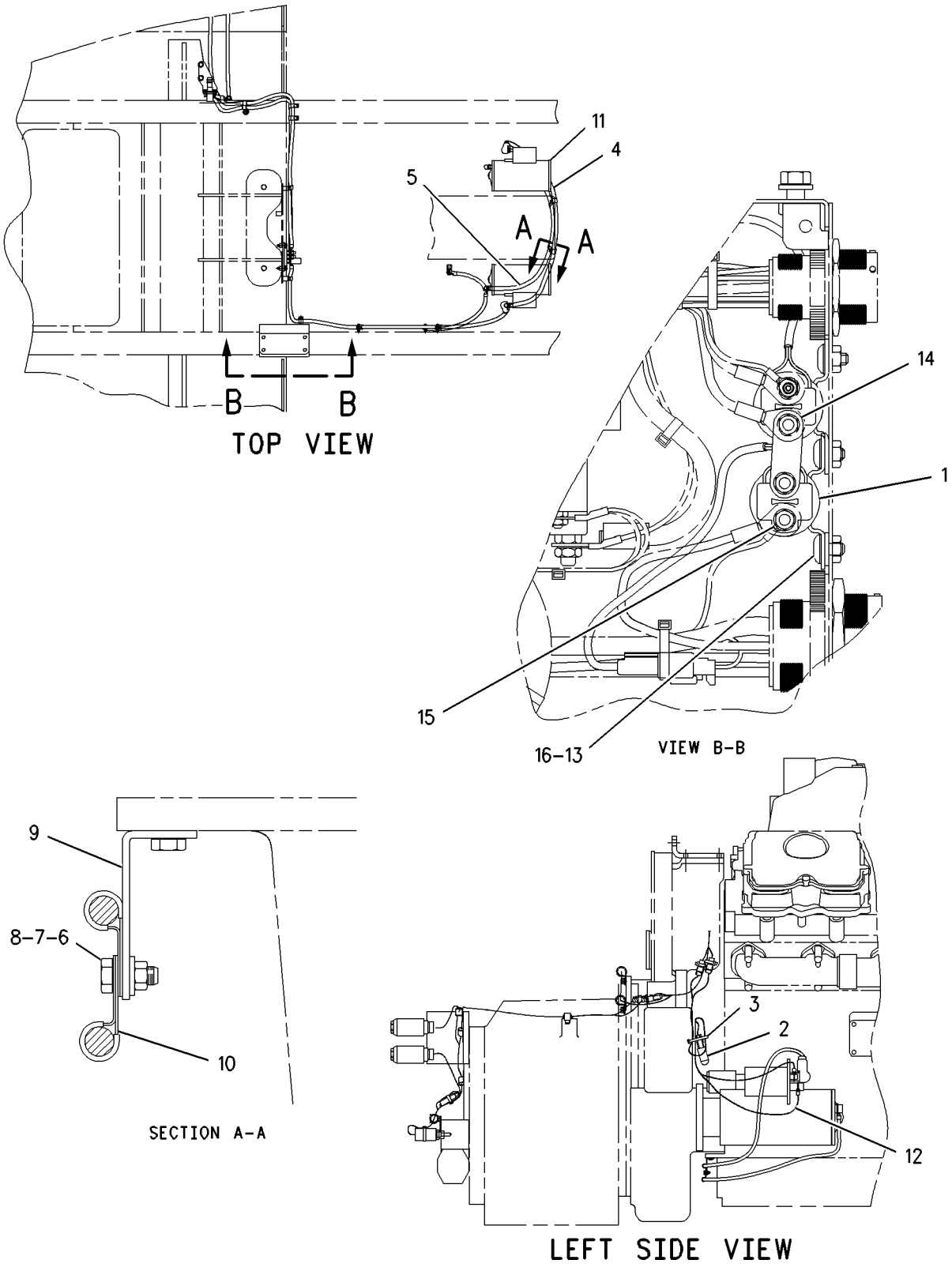
PIN 2KZ1-UP

PART OF 125-1150 STARTING AR-COLD WEATHER

SMCS-1453, 1454, 1465, 1467 **i01245627**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**3E-0075**	1	SWITCH GP-MAGNETIC (START RELAY)	217
	2	1	**3E-7842**	1	RESISTOR AS-CONNECTOR	
		1	**102-8802**	1	KIT-RECEPTACLE (2 PIN)	
					(INCLUDES RECEPTACLE AS AND WEDGE)	
	3	1	**3S-2093**	1	STRAP-CABLE (1.75IN DIA)	
	4	1	**4V-3876**	1	CABLE AS	
E		1	**5P-0761**		CABLE (00GA) (132CM)(RED)	
		1	**1S-7251**	2	TERMINAL (FOR 1/2IN BOLT)	
		1	**8N-0869**	1	COVER (RED)	
	5	1	**4V-3877**	1	CABLE AS	
E		1	**5P-0747**		CABLE (00GA) (132CM)(BLACK)	
		1	**1S-7251**	2	TERMINAL (FOR 1/2IN BOLT)	
	6	1	**4L-6454**	2	BOLT (3/8-16X1 IN)	
	7	1	**6V-8801**	2	NUT (3/8-16 THD)	
	8	1	**8T-4896**	2	WASHER-HARD (2.5MM THK)	
	9	1	**9L-6331**	2	BRACKET	
	10	1	**9M-8406**	4	CLIP (15.8MM ID)	
Y	11	1	*7N-1059*	1	STARTING MOTOR GP-ELECTRIC	205
	12	1	**126-6254**	1	HARNESS AS	
		1	**102-8812**	2	SEAL-INTERFACE	
		1	**155-2270**	2	KIT-CONNECTING PLUG (2 PIN)	
					(INCLUDES PLUG AS AND WEDGE)	
	13	1	**6V-3884**	1	SCREW-HEX SOCKET (1/4-20X0.5IN)	
	14	1	**7I-3652**	1	STRIP	
M	15	1	**8T-4134**	2	NUT (M6X1 THD)	
	16	1	**8T-4205**	1	WASHER-HARD (2MM THK)	

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



GRAPHIC #1 g00667452

9X-7781 SWITCH GP-BYPASS–POWER TRAIN FILTER

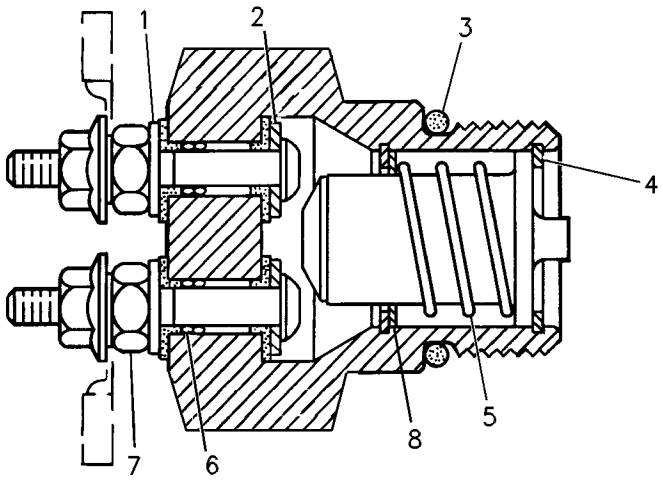
PIN 2KZ1-UP

PART OF 8R-5683 LINES GP-POWER TRAIN OIL

FIELD REPLACEMENT ORDER 2-8T-8730 SOCKET-CONNECTOR, 1-155-2270 KIT-CONNECTING PLUG, 164-7577–PAGE 211

SMCS-1408, 1435 **i00898951**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4B-4863**	2	WASHER (1.2MM THK)	
	2	1	**9W-1461**	2	WASHER	
	3	1	**3D-2824**	1	SEAL-O-RING (23.47MM ID)	
	4	1	**8J-2283**	2	RING-SNAP	
	5	1	**9X-8071**	1	SPRING	
	6	1	**5P-9262**	4	SEAL (3.99MM ID)	
	7	1	**4B-2043**	2	NUT (8-32 THD)	
	8	1	**9X-6551**	1	WASHER	



GRAPHIC #1 g00086264

164-7577 SWITCH GP-BYPASS

PIN 2KZ1-UP

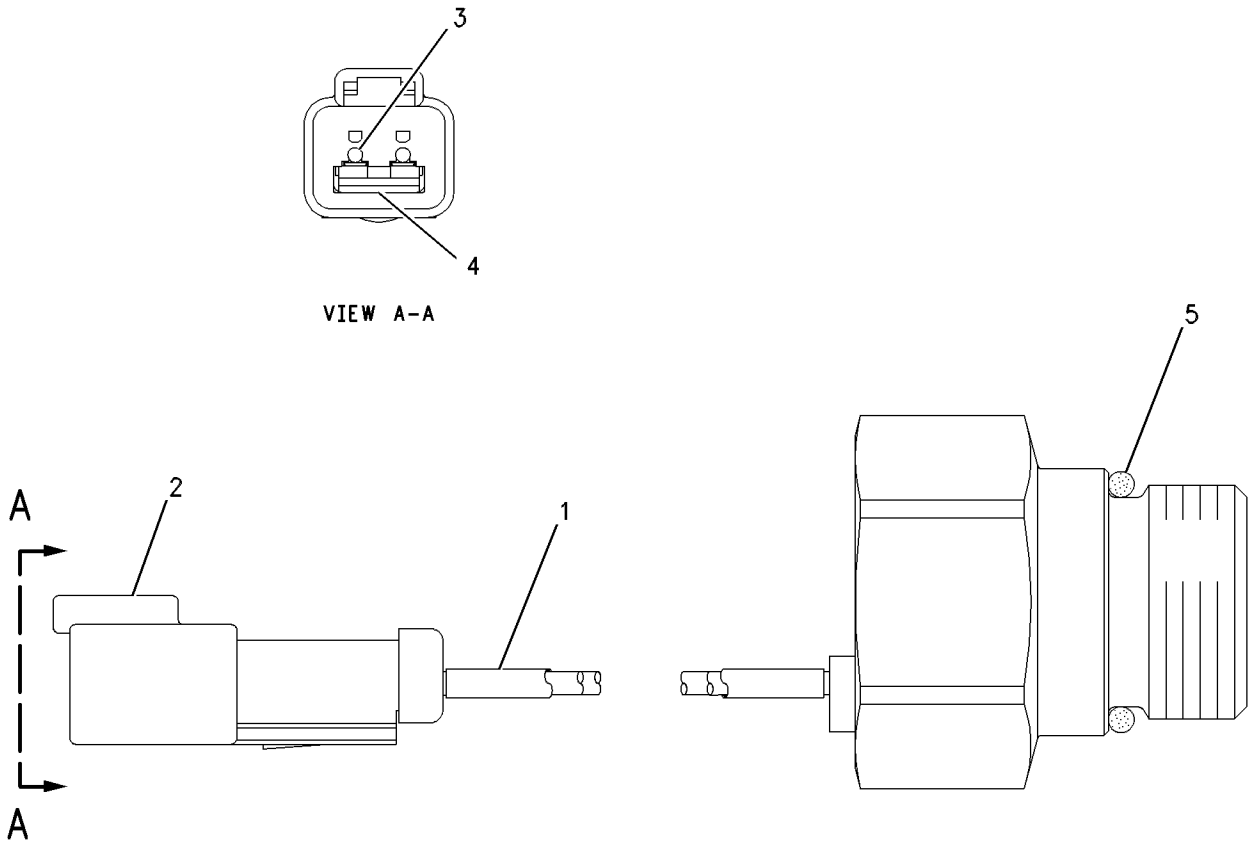
PART OF 123-1036 WIRING GP-MACHINE

FIELD REPLACEMENT FOR 9X-7781—PAGE 210

SMCS-1408, 1435 **i01253726**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
E	1	1	**9X-1813**		SLEEVE (19.00 CM)	
	2	1	**102-8802**	1	KIT-RECEPTACLE (2 PIN)	
		1	**3E-3365**	1	WEDGE-RECEPTACLE LOCK	
	3	1	**8T-8729**	2	PIN-CONNECTOR	
	4	1	**3E-3365**	1	WEDGE-RECEPTACLE LOCK	
	5	1	**3D-2824**	1	SEAL-O-RING (23.47MM ID)	

E-ORDER BY THE CENTIMETER



GRAPHIC #1 g00632659

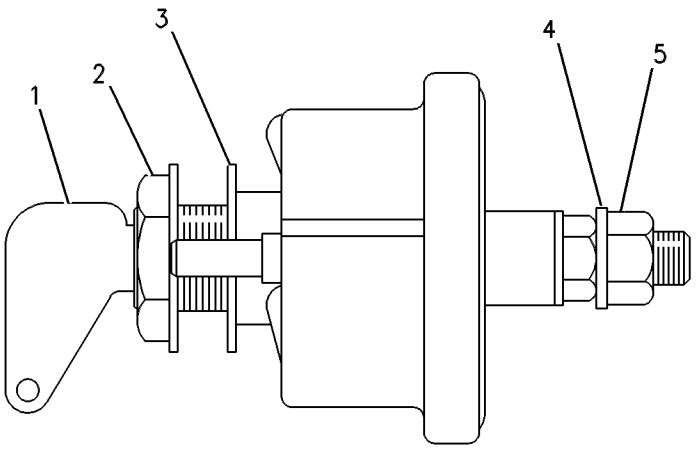
7N-0719 SWITCH GP-DISCONNECT

PIN 2KZ1-UP

PART OF 8R-5655 BATTERY & WIRING GP

SMCS-1411 **i01087968**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8H-5306**	1	KEY	
	2	1	**8H-5303**	1	NUT (3/4-16-2A THD)	
	3	1	**2H-3922**	2	LOCKWASHER (1.27MM THK)	
	4	1	**9F-5644**	2	LOCKWASHER (9.93MM ID)	
	5	1	**6F-7045**	2	NUT-FULL (3/8X24 THD)	



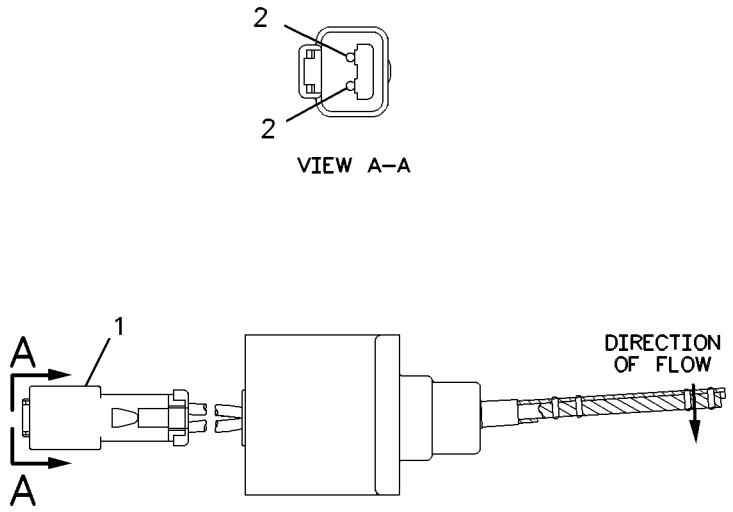
GRAPHIC #1 g00117885

3E-6428 SWITCH GP-FLOW

S/N 80M861-UP
COOLANT
PART OF 100-4417 SWITCH GP-FLOW
FIELD REPLACEMENT ORDER 171-8708–PAGE 215

SMCS-1435 **i01240778**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**102-8802**	1	KIT-RECEPTACLE (2 PIN)	
					(INCLUDES WEDGE)	
	2	1	**8T-8729**	2	PIN-CONNECTOR	



GRAPHIC #1 g00535701

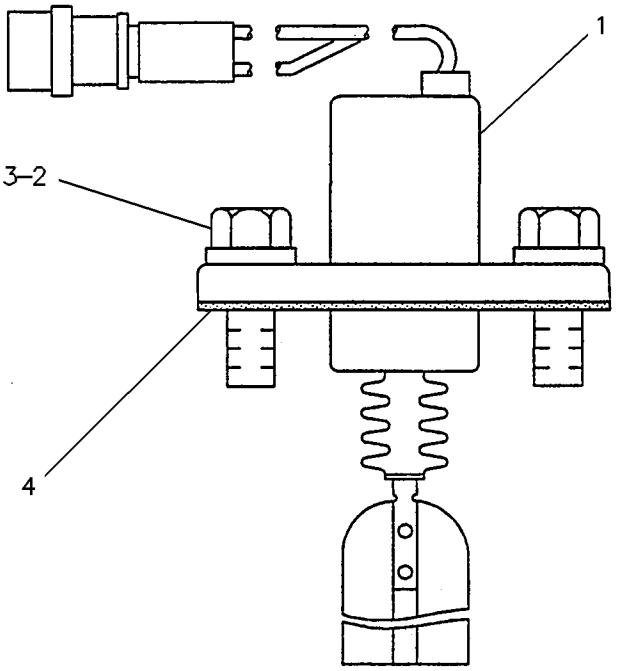
100-4417 SWITCH GP-FLOW

S/N 80M861-UP
COOLANT
PART OF 122-1117 ENGINE AR

SMCS-1435 **i01037837**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**3E-6428**	1	SWITCH GP-FLOW (COOLANT)	213
	2	1	**2B-2695**	2	BOLT (5/16-18X.875IN)	
	3	1	**9M-1974**	2	WASHER-HARD (2MM THK)	
	4	1	**4N-3841**	1	GASKET	

Y-SEPARATE ILLUSTRATION



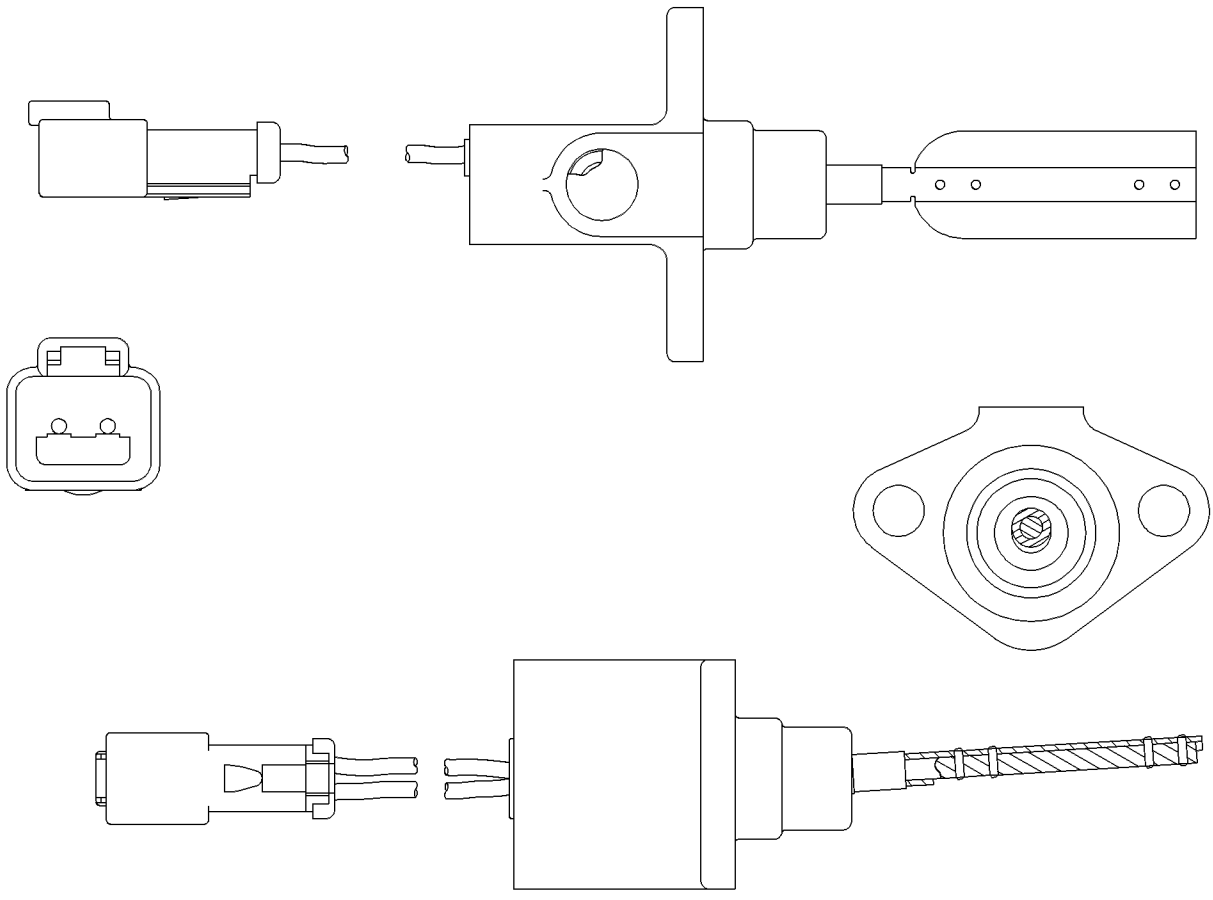
GRAPHIC #1 g00083292

171-8708 SWITCH GP-FLOW

S/N 80M861-UP
COOLANT
FIELD REPLACEMENT FOR 3E-6428—PAGE 213

SMCS-1435 i01148151

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



GRAPHIC #1 g00613049

3E-8680 SWITCH GP-HANDLE

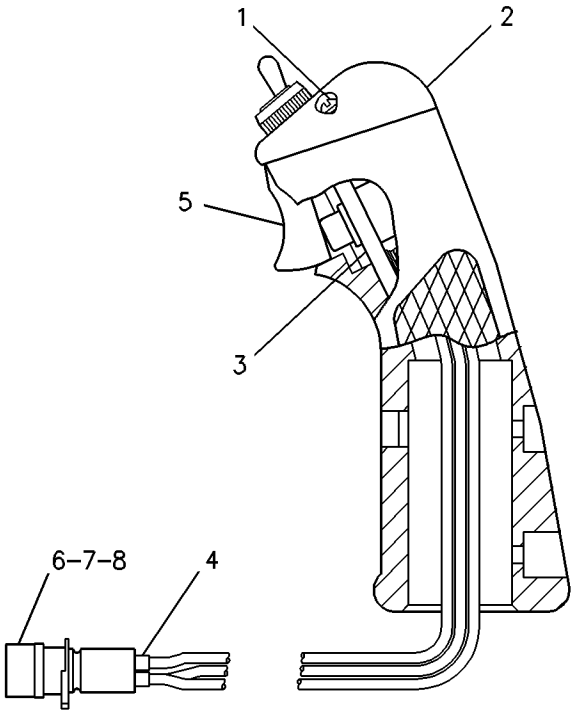
PIN 2KZ1-UP

PART OF 146-0776 HANDLE GP-HYDRAULIC CONTROL

SMCS-5705, 7332 **i01073862**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**2S-6218**	2	SCREW-MACHINE	
		1	**3L-8187**	2	LOCKWASHER (#6-INT)	
	2	1	**6V-1965**	1	SWITCH & COVER AS (SINGLE/DUAL TILT)	
	3	1	**6V-1966**	1	SWITCH AS (PITCH CONTROL)	
BD	4	1	**8T-6342**		TUBE	
	5	1	**7T-3810**	1	LEVER	
	6	1	**7N-7782**	1	HOUSING-PLUG (1 PIN, 2 SOCKET)	
	7	1	**7N-7780**	1	PIN-CONNECTOR (BLADE)	
	8	1	**7N-7779**	2	SOCKET	

B-USE AS REQUIRED
D-ORDER BY THE METER



GRAPHIC #1 g00230829

3E-0075 SWITCH GP-MAGNETIC

PIN 2KZ1-UP

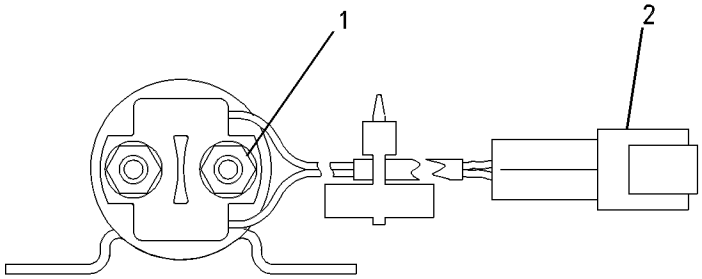
24V. STARTER RELAY

PART OF 125-1151 STARTING MOTOR GP-ELECTRIC, 123-1043 WIRING GP-RELAY PANEL

SMCS-7499 **i01246397**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**5C-2890**	2	NUT (M6X1.00 THD)	
	2	1	**102-8802**	1	KIT-RECEPTACLE (2 PIN)	
		1	**3E-3365**	1	WEDGE-RECEPTACLE LOCK	

M-METRIC PART



GRAPHIC #1 g00578534

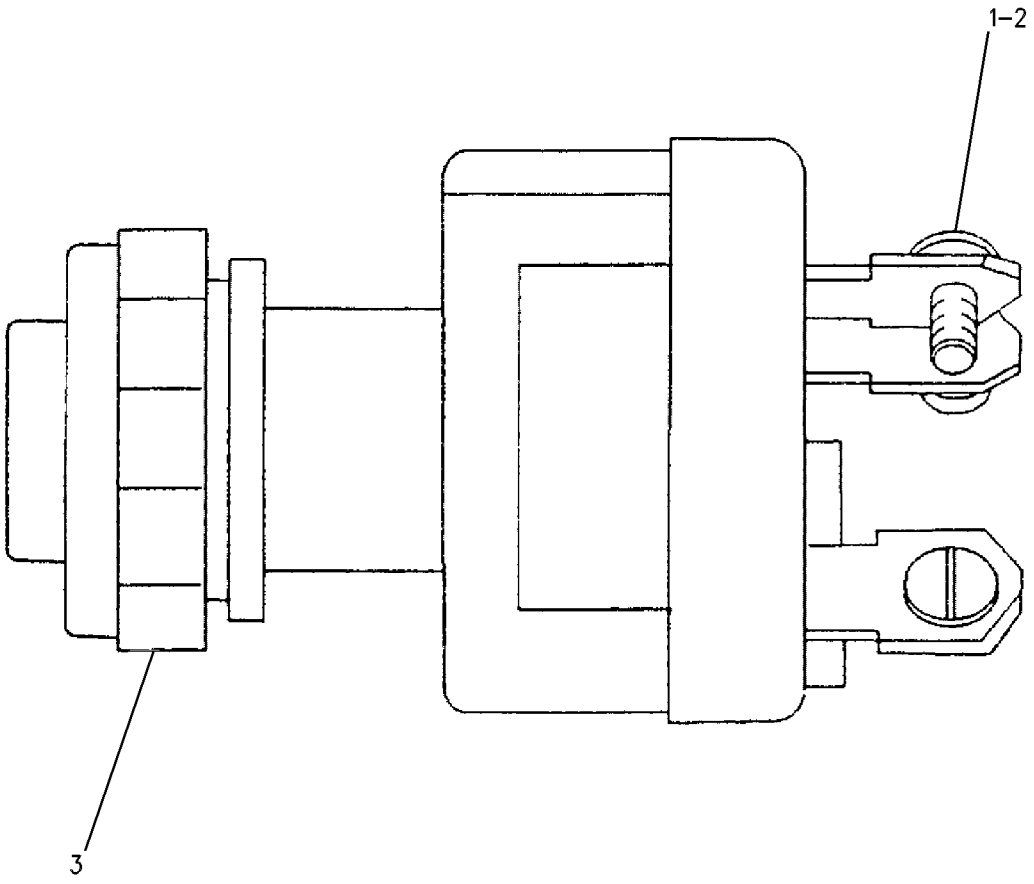
9G-7641 SWITCH GP-START

PIN 2KZ1-UP

PART OF 166-8492 PANEL GP-INSTRUMENT

SMCS-1416 **i01141347**

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



GRAPHIC #1 g00606018

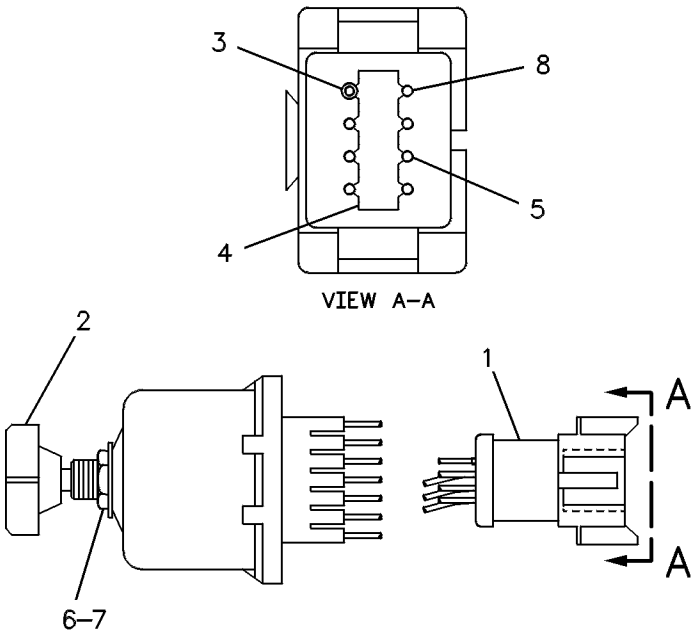
3E-0155 SWITCH GP-WIPER

PIN 2KZ1-UP
24 VOLT. INTERMITTENT
PART OF 166-8492 PANEL GP-INSTRUMENT

SMCS-7332 **i01133621**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	**102-8806**	1	KIT-RECEPTACLE (8 PIN)	
					(INCLUDES WEDGE)	
	2	1	**7T-9302**	1	KNOB-WIPER SWITCH	
		1	**014-0816**	1	SETSCREW	
	3	1	**8T-8737**	1	PLUG-SEAL	
	4	1	**3E-3389**	1	WEDGE-RECEPTACLE LOCK	
C	5	1	**8T-8729**	3	PIN-CONNECTOR	
	6	1	**6V-8369**	1	NUT (7/16-28 THD)	
	7	1	**2H-3920**	1	LOCKWASHER (11.38MM ID)	
C	8	1	**9W-0852**	4	PIN-CONNECTOR	

C-CHANGE FROM PREVIOUS TYPE



GRAPHIC #1 g00120668

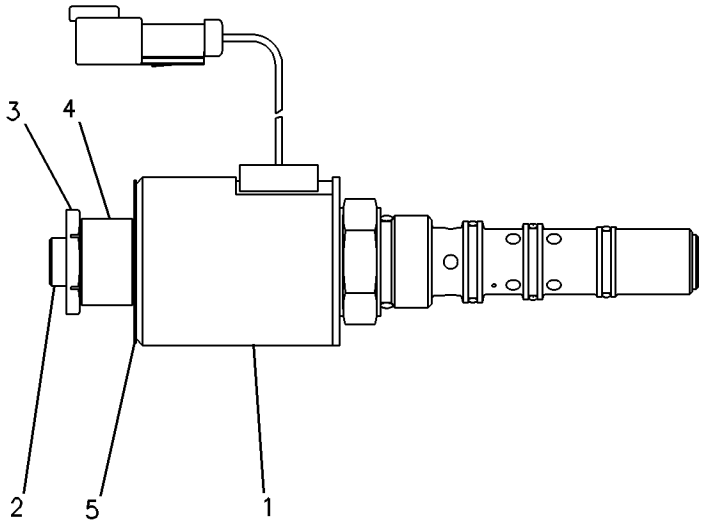
105-3025 VALVE GP-SOLENOID–TC IMPELLER CLUTCH

PIN 2KZ1-UP

PART OF 123-1040 WIRING GP-ENGINE

SMCS-3174, 4804, 4805, 5479 **i01229100**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**105-3024**	1	COIL AS	
		1	**102-8802**	1	KIT-RECEPTACLE (2 PIN)	
					(INCLUDES WEDGE)	
		1	**3E-3365**	1	WEDGE-RECEPTACLE LOCK	
		1	**8T-8729**	2	PIN-CONNECTOR	
	2	1	**101-9622**	1	CARTRIDGE AS	
	3	1	**010-7827**	1	NUT-STAMPED	
	4	1	**101-7365**	1	SPACER	
	5	1	**105-1164**	1	WASHER	
					AVAILABLE REPAIR KIT(S):	
			101-7367	1	KIT-SEAL	
					(INCLUDES SEAL-O-RINGS)	



GRAPHIC #1 g00083946

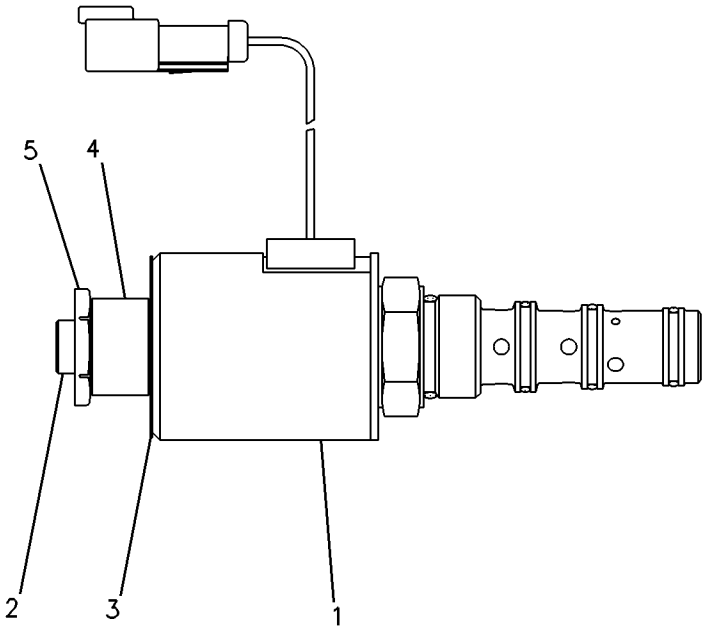
105-3030 VALVE GP-SOLENOID–TC LOCKUP CLUTCH

PIN 2KZ1-UP

PART OF 123-1040 WIRING GP-ENGINE

SMCS-3174, 4804, 4805, 5479 **i01229144**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**105-3024**	1	COIL AS	
		1	**102-8802**	1	KIT-RECEPTACLE (2 PIN)	
					(INCLUDES WEDGE)	
		1	**3E-3365**	1	WEDGE-RECEPTACLE LOCK	
		1	**8T-8729**	2	PIN-CONNECTOR	
	2	1	**101-7368**	1	CARTRIDGE AS	
	3	1	**105-1164**	1	WASHER	
	4	1	**101-7365**	1	SPACER	
	5	1	**010-7827**	1	NUT-STAMPED	
					AVAILABLE REPAIR KIT(S):	
			101-7367	1	KIT-SEAL	
					(INCLUDES SEAL-O-RINGS)	



GRAPHIC #1 g00119878

8R-5654 WARNING GP-BACKUP

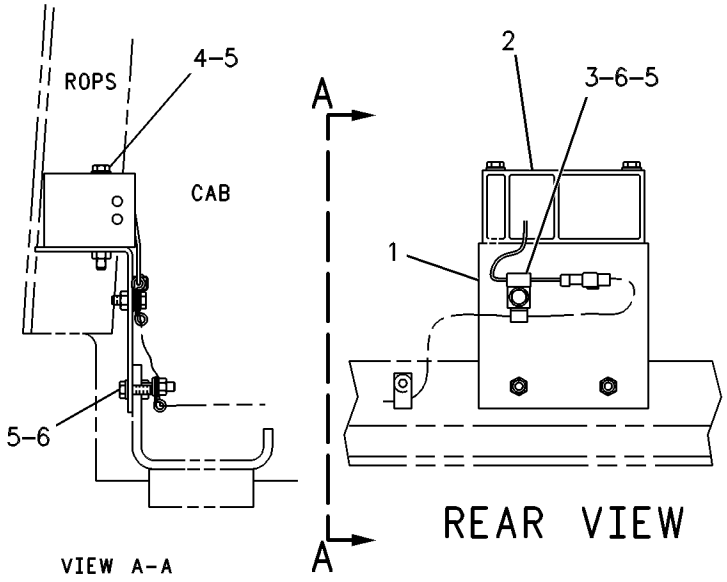
PIN 2KZ1-UP

PART OF 152-9752 CHASSIS AR

SMCS-7406 **i01229151**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7I-3086**	1	PLATE AS	
M		1	**8T-3490**	3	NUT-WELD (M10X1.5 THD)	
	2	1	**123-6449**	1	ALARM AS-BACKUP	
		1	**3E-3365**	1	WEDGE-RECEPTACLE LOCK	
		1	**102-8802**	1	KIT-RECEPTACLE (2 PIN)	
					(INCLUDES WEDGE)	
D		1	**5P-5677**		WIRE (18 GA) (.6M)	
		1	**8T-8729**	2	PIN-CONNECTOR	
	3	1	**5P-9297**	1	CLIP (9.52MM ID)	
M	4	1	**8T-6685**	2	BOLT (M10X1.50X110MM)	
	5	1	**8T-4121**	5	WASHER-HARD (2.5MM THK)	
M	6	1	**8T-4195**	3	BOLT (M10X1.50X30MM)	

D-ORDER BY THE METER
M-METRIC PART



GRAPHIC #1 g00121208

MEMORANDA

123-8363 WIRING GP-CAB

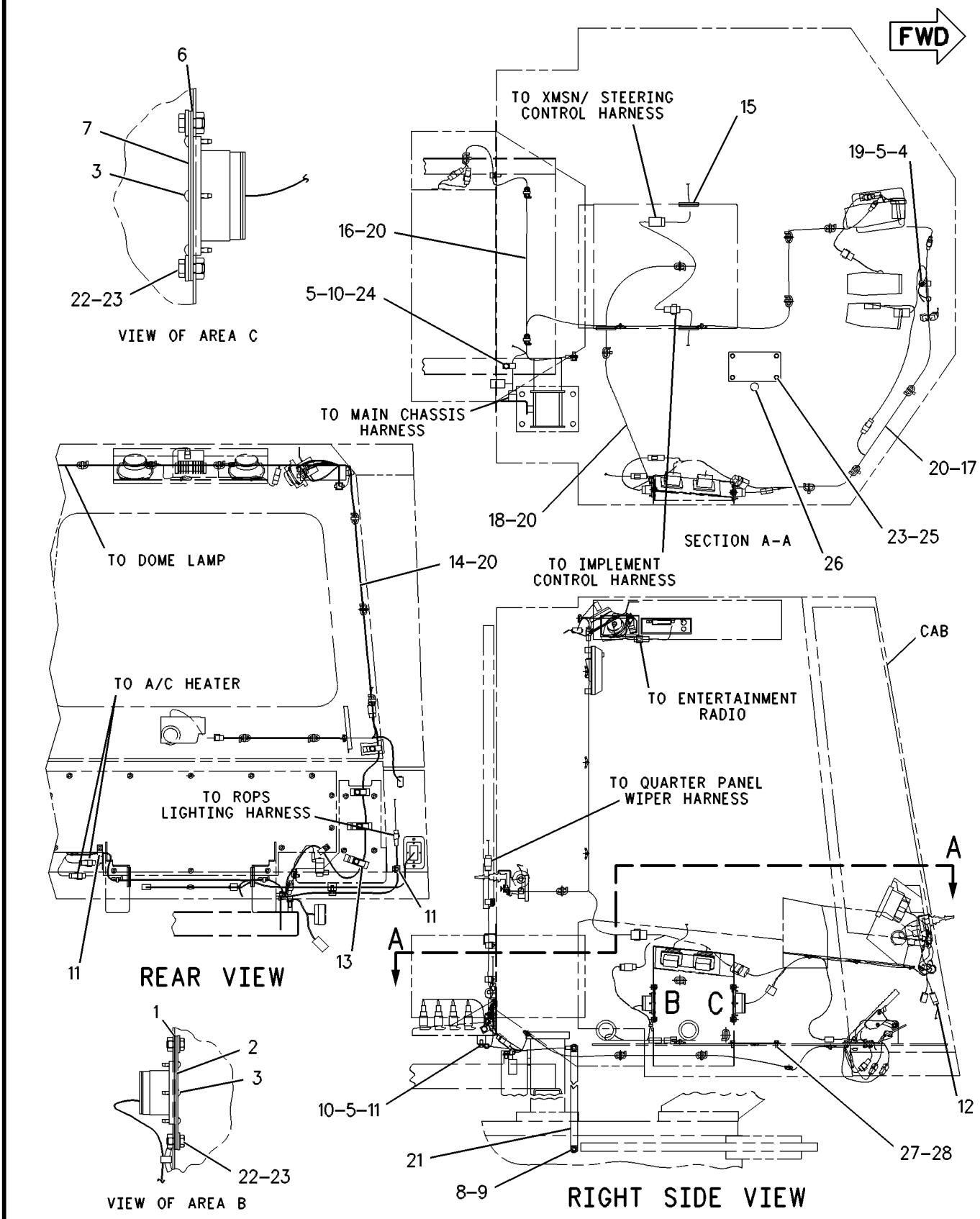
PIN 2KZ1-UP

PART OF 153-3958 CAB AR

SMCS-1408, 7301 **i00733927**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**126-9174**	1	GASKET	
	2	1	**126-9173**	1	PLATE	
	3	1	**6V-2687**	8	SCREW-PAN HEAD (10-24X1IN)	
M	4	1	**8T-4191**	1	BOLT (M10X1.50X16MM)	
	5	1	**8T-4121**	3	WASHER (2.5MM THK)	
	6	1	**9U-4990**	1	GASKET	
	7	1	**9U-4989**	1	PLATE	
M	8	1	**8T-4244**	2	NUT (M12X1.75 THD)	
	9	1	**8T-4223**	2	WASHER-HARD (3MM THK)	
M	10	1	**8T-4137**	2	BOLT (M10X1.50X20MM)	
	11	1	**8M-2770**	3	CLIP (12.7MM ID)	
	12	1	**130-1533**	1	PLUG AS	
	13	1	**9M-8406**	5	CLIP (15.8MM ID)	
	14	1	**124-2970**	1	HARNESS AS	
	15	1	**2S-1647**	3	GROMMET	
	16	1	**123-8423**	1	HARNESS AS	
	17	1	**123-8424**	1	HARNESS AS (M6X1.0X25MM)	
	18	1	**123-8425**	1	HARNESS AS (2MM THK)	
	19	1	**9X-8250**	1	CLIP (23.8MM ID)	
	20	1	**3S-2093**	22	STRAP-CABLE (1.75IN DIA)	
	21	1	**8X-5802**	1	STRAP AS-GROUND	
M	22	1	**8T-4200**	4	BOLT (M8X1.25X16MM)	
	23	1	**8T-4224**	8	WASHER-HARD (2MM THK)	
	24	1	**6D-4246**	1	CLIP (19.05MM ID)	
M	25	1	**8T-4189**	4	BOLT (M8X1.25X20MM)	
	26	1	**9D-3767**	1	PLUG-BUTTON	
	27	1	**145-6620**	27	GASKET	
	28	1	**145-6621**	1	PLATE	

M-METRIC PART



GRAPHIC #1 g00293249

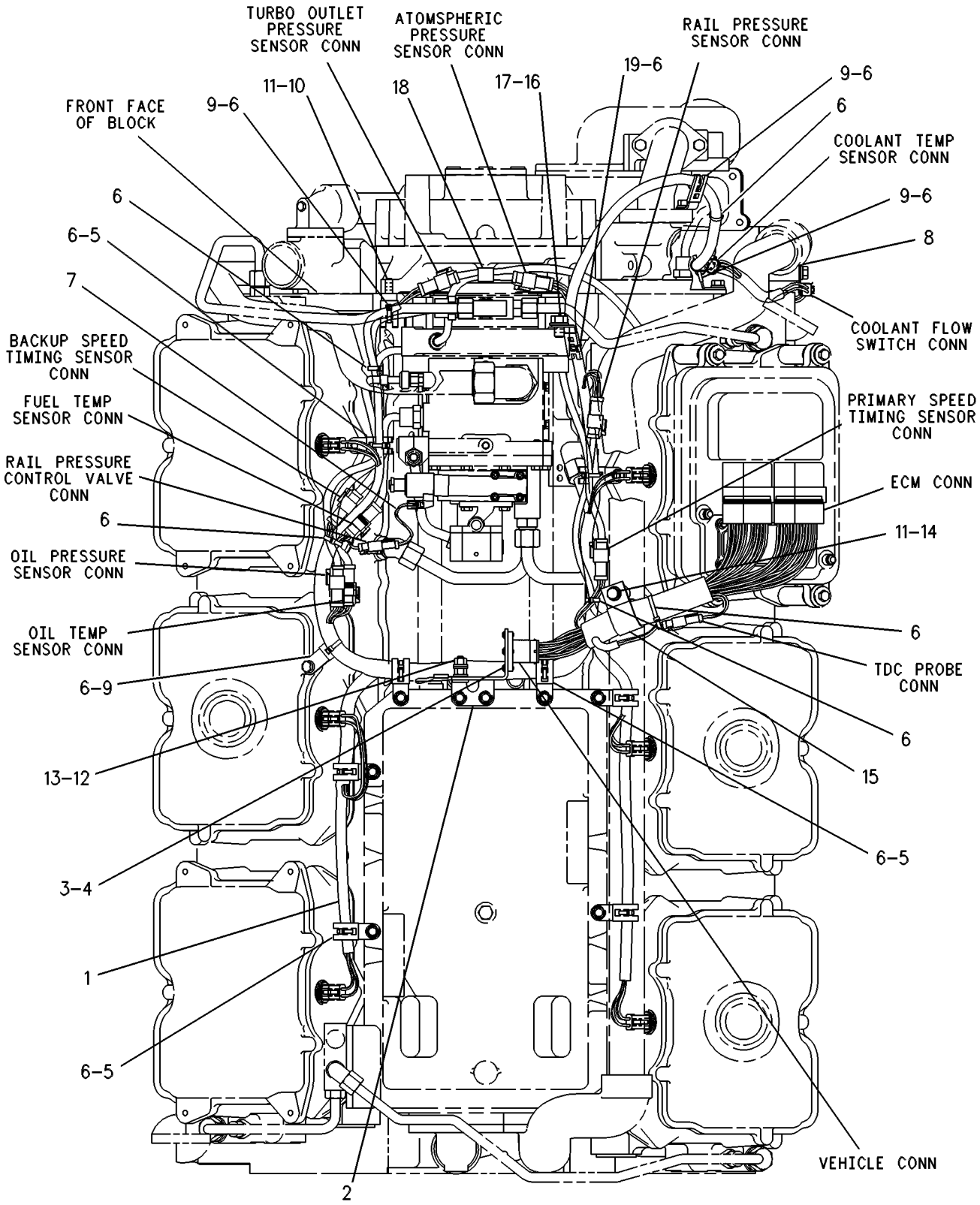
118-9692 WIRING GP-ENGINE

S/N 80M861-UP

PART OF 122-1117 ENGINE AR

SMCS-1403, 1408 **i00548500**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**111-3247**	1	HARNESS AS	
	2	1	**110-8213**	1	BRACKET AS	
		1	**4M-0200**	1	STUD-WELD	
	3	1	**9X-6258**	4	SCREW-MACHINE (6-32X.50IN)	
	4	1	**4B-5324**	4	WASHER (1.19MM THK)	
	5	1	**4P-7581**	8	CLIP (10.5MM ID)	
	6	1	**3S-2093**	20	STRAP-CABLE (1.75IN DIA)	
	7	1	**121-0596**	1	WIRE AS	
	8	1	**130-5300**	1	CLIP	
	9	1	**4P-8134**	4	CLIP (FLAT)	
	10	1	**0S-1594**	1	BOLT (3/8-16X1IN)	
	11	1	**5M-2894**	2	WASHER (2.5MM THK)	
	12	1	**6V-8801**	2	NUT (3/8-16 THD)	
	13	1	**8T-4896**	3	WASHER-HARD (2.5MM THK)	
	14	1	**0S-0509**	1	BOLT (3/8-16X.75IN)	
	15	1	**4D-7388**	1	CLIP (34.92MM ID)	
	16	1	**0S-1620**	1	BOLT (1/2-13X.75IN)	
	17	1	**5P-8245**	1	WASHER (3MM THK)	
	18	1	**8M-2772**	1	CLIP (6.35MM ID)	
	19	1	**4P-7429**	1	CLIP (26.5MM ID)	



TOP VIEW

GRAPHIC #1 g00122724

123-1040 WIRING GP-ENGINE

PIN 2KZ1-UP

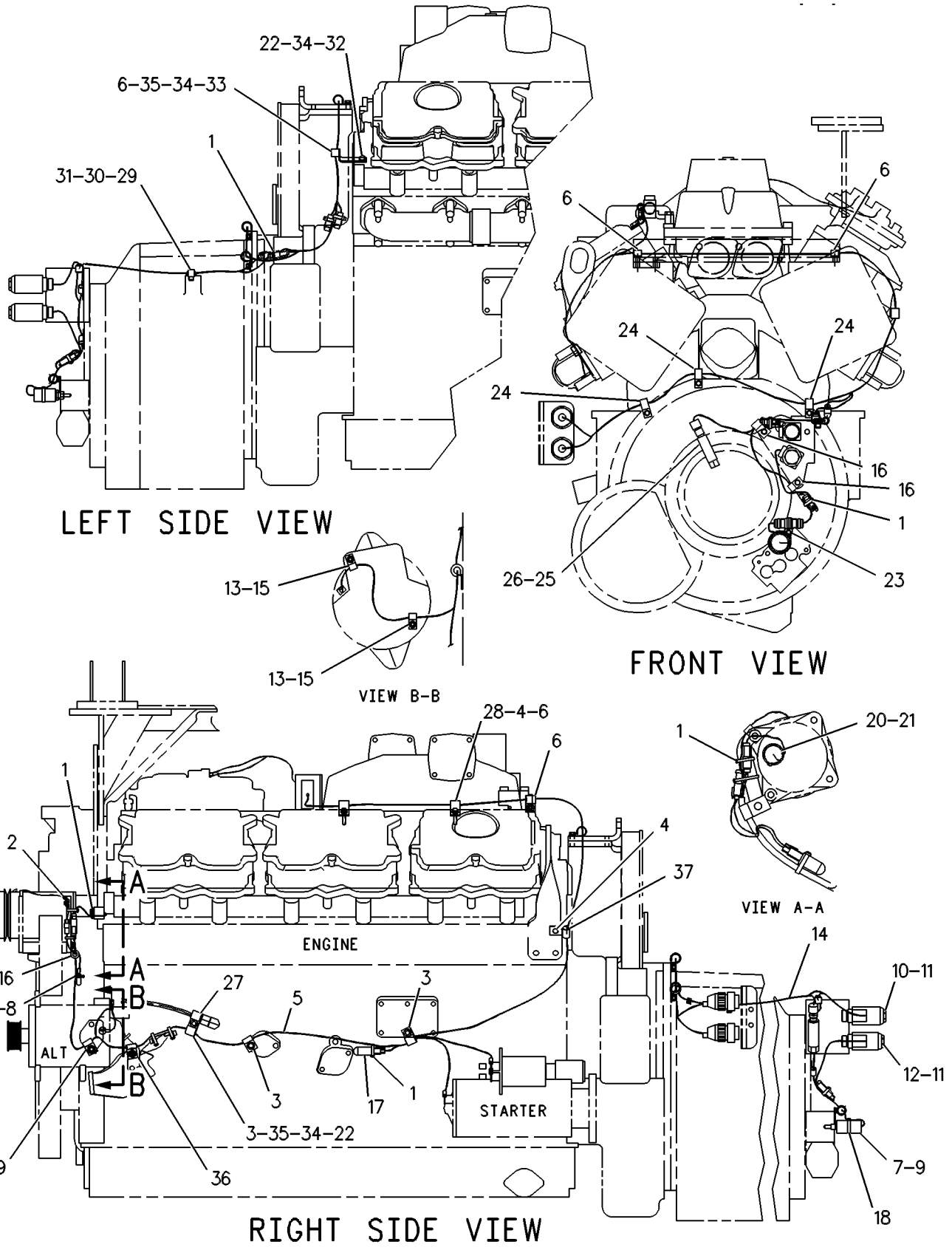
PART OF 152-9752 CHASSIS AR

SMCS-1403, 1408 **i01246134**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3S-2093**	7	STRAP-CABLE (1.75IN DIA)	
	2	1	**8M-2772**	1	CLIP (6.35MM ID)	
	3	1	**3S-8664**	3	CLIP (19.05MM ID)	
	4	1	**8C-3121**	3	BOLT (5/16-18X1.50IN)	
	5	1	**123-1041**	1	HARNESS AS	
	6	1	**3S-8665**	6	CLIP (22.22MM ID)	
	7	1	**3E-5370**	1	SENSOR GP-TEMPERATURE (TORQUE CONVERTER OIL)	
		1	**8T-8730**	3	SOCKET-CONNECTOR	
		1	**8T-8731**	1	PLUG-CONNECTOR	
B		1	**9X-1813**		SLEEVE (31CM)	
	8	1	**106-8704**	1	SUPPRESSOR AS-ARC	
		1	**3E-3365**	1	WEDGE-RECEPTACLE LOCK	
		1	**102-8802**	1	KIT-RECEPTACLE (2 PIN)	
					(INCLUDES WEDGE)	
		1	**8T-8729**	2	PIN-CONNECTOR	
	9	1	**3J-1907**	1	SEAL-O-RING (11.89MM ID)	
Y	10	1	**105-3030**	1	VALVE GP-SOLENOID (TC LOCKUP CLUTCH)	221
	11	1	**3D-2824**	2	SEAL-O-RING (23.47MM ID)	
Y	12	1	**105-3025**	1	VALVE GP-SOLENOID (TC IMPELLER CLUTCH)	220
	13	1	**4B-4863**	2	WASHER (1.2MM THK)	
	14	1	**123-1042**	1	HARNESS AS	
	15	1	**8M-2771**	2	CLIP (6.35MM ID)	
	16	1	**5K-3294**	3	CLIP (12.7MM ID)	
	17	1	**3E-7842**	1	RESISTOR AS-CONNECTOR	
		1	**3E-3365**	1	WEDGE-RECEPTACLE LOCK	
		1	**102-8802**	1	KIT-RECEPTACLE (2 PIN)	
					(INCLUDES WEDGE)	
D		1	**5P-5677**		WIRE (18 GA) (.1M)	
		1	**8T-8729**	2	PIN-CONNECTOR	
	18	1	**6K-0806**	1	STRAP-CABLE	
	19	1	**033-8248**	1	CLIP (11.11MM ID)	
	20	1	**114-5333**	1	SWITCH AS-PRESSURE (REFRIGERANT)	
		1	**3E-3365**	1	WEDGE-RECEPTACLE LOCK	
		1	**102-8802**	1	KIT-RECEPTACLE (2 PIN)	
					(INCLUDES WEDGE)	
		1	**8T-8729**	2	PIN-CONNECTOR	
	21	1	**9X-7378**	1	SEAL-O-RING (8.92MM ID)	
	22	1	**4L-6454**	2	BOLT (3/8-16X1 IN)	
	23	1	**9X-3495**	1	CLIP AS (21.8MM ID)	
	24	1	**6D-4636**	3	CLIP (23.81MM ID)	
	25	1	**3K-0360**	1	SEAL-O-RING (16.36MM ID)	
	26	1	**3E-6955**	1	SENSOR GP-SPEED (TORQUE CONVERTER OUTPUT)	
		1	**8M-8997**	1	SEAL-O-RING (18.77MM ID)	
	27	1	**9M-8406**	1	CLIP (15.8MM ID)	
	28	1	**8T-4224**	2	WASHER-HARD (8.8X16X2MM THK)	
	29	1	**4S-1936**	1	CLIP (15.0MM ID)	
M	30	1	**8T-4179**	1	BOLT (M12X1.75X20MM)	
	31	1	**8T-4223**	1	WASHER-HARD (3MM THK)	
	32	1	**6L-2479**	1	BRACE	
	33	1	**5M-3062**	1	BOLT (3/8-16X.75IN)	
	34	1	**8T-4896**	5	WASHER-HARD (2.5MM THK)	
	35	1	**6V-8801**	2	NUT (3/8-16 THD)	
	36	1	**4D-9517**	1	CLIP (12.7MM ID)	
	37	1	**1S-1015**	1	CLIP (20.46MM ID)	

123-1040 **WIRING GP-ENGINE** ***(contd.)*** **i01246134**

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



GRAPHIC #1

g00122564

MEMORANDA

152-9755 WIRING GP-FRONT

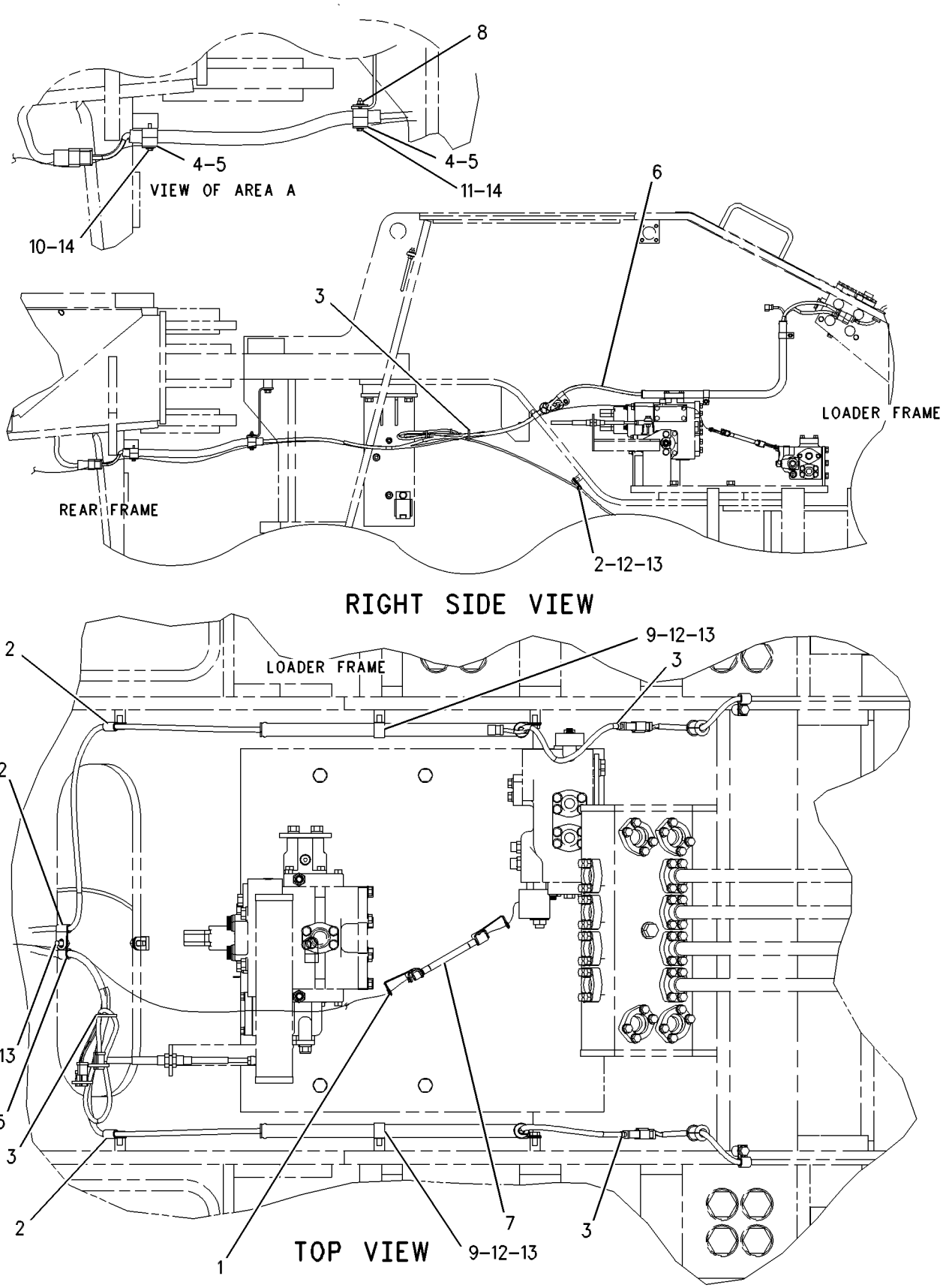
PIN 2KZ1-UP

PART OF 152-9752 CHASSIS AR

SMCS-5734 **i01229165**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
B	1	1	**3T-3045**	2	CLIP AS (12MM ID)	
	2	1	**124-0174**	5	CLIP (12.7MM ID)	
	3	1	**7K-1181**	8	STRAP-CABLE (4IN DIA)	
	4	1	**7V-5628**	3	PLATE	
	5	1	**7V-6089**	4	CLAMP	
	6	1	**123-1049**	1	HARNESS AS	
	7	1	**148-4505**	1	SUPPRESSOR AS	
E		1	**6V-6545**		WIRE-ELECTRICAL (36CM)	
		1	**7N-7779**	4	SOCKET	
		1	**7N-7780**	4	PIN-CONNECTOR (BLADE)	
		1	**7N-8204**	1	HOUSING-RECEPTACLE	
		1	**7N-8205**	1	HOUSING-PLUG	
M	8	1	**5C-2890**	2	NUT (M6X1.00 THD)	
	9	1	**7C-4354**	4	CLIP (25.40MM ID)	
M	10	1	**7X-2534**	2	BOLT (M6X1.0X50MM)	
M	11	1	**7X-2535**	2	BOLT (M6X1X60MM)	
B	12	1	**8T-4121**	9	WASHER-HARD (2.5MM THK)	
M	13	1	**8T-4137**	9	BOLT (M10X1.50X20MM)	
	14	1	**8T-4205**	6	WASHER-HARD (2MM THK)	
B	15	1	**9M-8406**	1	CLIP (15.8MM ID)	

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



GRAPHIC #1

g00394417

123-1036 WIRING GP-MACHINE

PIN 2KZ1-UP

PART OF 152-9752 CHASSIS AR

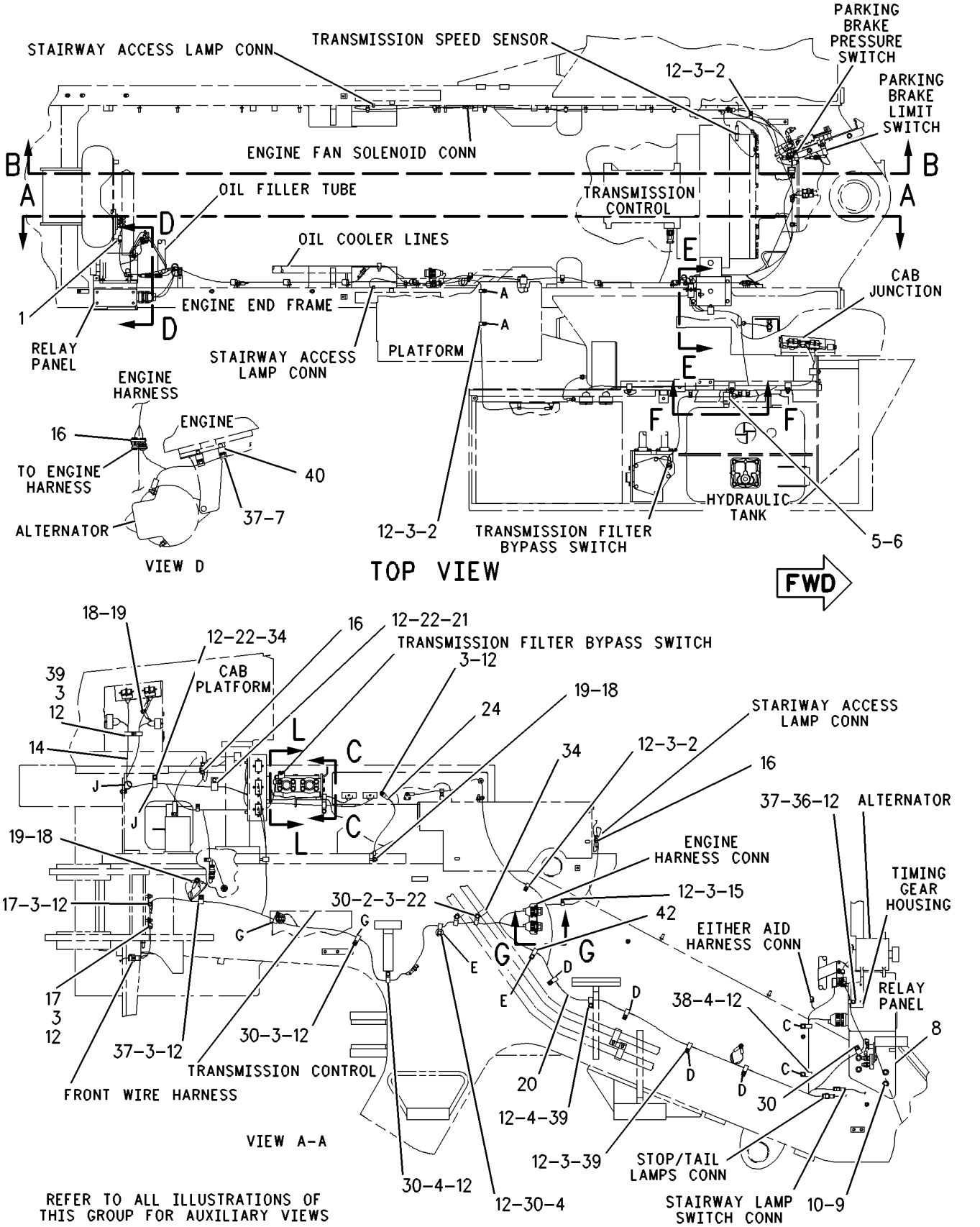
SMCS-1408 **i01246975**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6D-3479**	1	CLIP (14.29MM ID)	
	2	1,2	**8M-2770**	6	CLIP (12.7MM ID)	
CM	3	1,2	**8T-4133**	26	NUT (M10X1.50 THD)	
M	4	1,2	**8T-4137**	15	BOLT (M10X1.50X20MM)	
	5	1	**3E-5370**	1	SENSOR GP-TEMPERATURE (TRANSMISSION OIL)	
		1	**8T-8730**	3	SOCKET-CONNECTOR	
		1	**8T-8731**	1	PLUG-CONNECTOR	
BE		1	**9X-1813**		SLEEVE (31CM)	
	6	1	**3J-1907**	1	SEAL-O-RING (11.89MM ID)	
	7	1	**5S-7383**	2	BOLT (3/8-16X1.75IN)	
	8	1	**104-1983**	1	ANGLE AS	
		1	**8X-5147**	1	BLOCK (30 MM X 30 MM)	
		1	**9R-2613**	1	BOSS (M10X25MM)	
M	9	1	**8T-4956**	4	BOLT (M12X1.75X35MM)	
M		1	**8T-6466**	1	BOLT (M10X1.50X60MM)	
	10	1	**5P-1076**	4	WASHER-HARD (4MM THK)	
	11	2	**8M-2773**	1	CLIP (17.46MM ID)	
C	12	1,2	**8T-4121**	45	WASHER-HARD (2.5MM THK)	
	13	2	**104-3113**	1	ANGLE	
	14	1	**183-3697**	1	HARNESS AS	
	15	1,2	**4D-7794**	8	CLIP (10.0MM ID)	
	16	1,2	**3S-2093**	10	STRAP-CABLE (1.75IN DIA)	
	17	1,2	**6K-8178**	4	CLIP (15.88MM ID)	
M	18	1	**8T-4244**	3	NUT (M12X1.75 THD)	
	19	1,2	**8T-4223**	5	WASHER-HARD (3MM THK)	
C	20	1	**148-6417**	1	HARNESS AS	
	21	1,2	**4D-7388**	2	CLIP (34.92MM ID)	
CM	22	1,2	**8T-4136**	8	BOLT (M10X1.50X25MM)	
	23	2	**033-8248**	1	CLIP (11.11MM ID)	
	24	1	**107-1292**	1	WIRE AS	
	25	2	**9U-1471**	1	BRACKET	
	26	2	**7X-7729**	2	WASHER (3MM THK)	
M	27	2	**8T-9405**	12	BOLT-SOCKET HEAD (M4X0.7X16MM)	
	28	2	**8C-9660**	24	WASHER (0.8MM THK)	
M	29	2	**5C-8312**	12	NUT (M4X0.7 THD)	
C	30	1	**4S-1962**	7	CLIP (25.4MM ID)	
	31	2	**7N-3718**	2	CLIP (9.52MM ID)	
	32	2	**3E-8848**	1	SENSOR GP-SPEED (TRANSMISSION OUTPUT)	
		2	**3E-3365**	2	WEDGE-RECEPTACLE LOCK	
		2	**8T-8729**	2	PIN-CONNECTOR	
BE		2	**9X-1386**		SLEEVE (14CM)	
	33	2	**6V-1228**	1	CLIP (10.3MM ID)	
C	34	1	**7D-7233**	4	CLIP (38.1MM ID)	
	35	2	**106-3427**	1	WIRE AS	
		2	**9W-0852**	3	PIN-CONNECTOR	
		2	**3E-3371**	1	WEDGE-RECEPTACLE LOCK	
	36	1	**5M-3062**	1	BOLT (3/8-16X.75IN)	
	37	1	**1S-0994**	4	CLIP (20.64MM ID)	
	38	1,2	**4S-4455**	3	CLIP (31.75MM ID)	
	39	1	**6V-1889**	7	CLIP (28.58MM ID)	
	40	1	**1L-5081**	2	SPACER (9/16IN THK)	
	41	2	**123-1039**	1	HARNESS AS	
	42	1	**6D-4636**	1	CLIP (23.81MM ID)	
	43	2	**183-3681**	1	BRACKET AS	
M		2	**8T-3490**	2	NUT-WELD (M10X1.5 THD)	
Y	44	2	**164-7577**	1	SWITCH GP-BYPASS (POWER TRAIN FILTER)	211

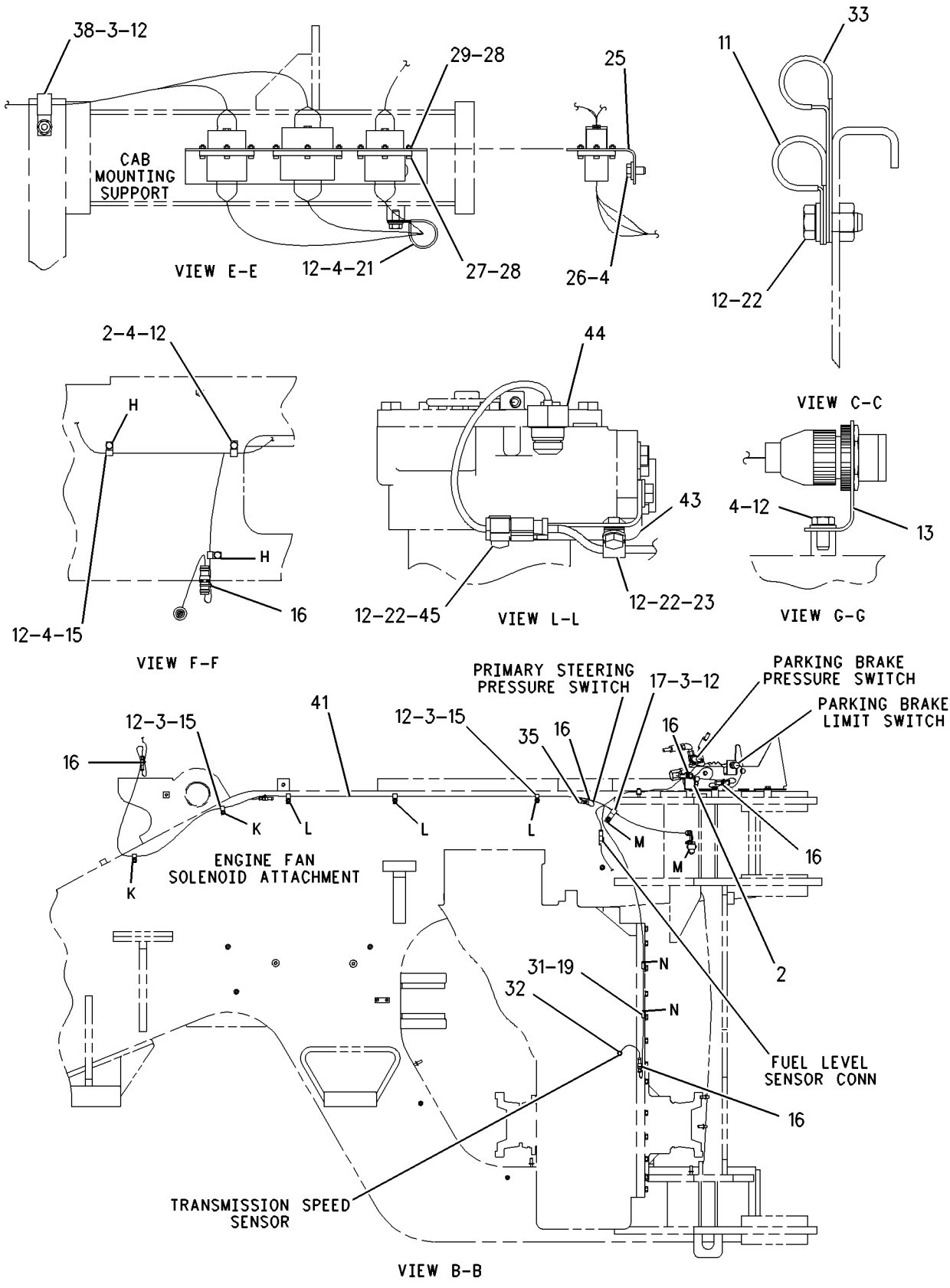
123-1036 **WIRING GP-MACHINE** ***(contd.)*** **i01246975**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	45	2	**115-5579**	1	CLIP AS-CONNECT	
		2	**8C-3334**	1	RIVET-TUBULAR	

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



GRAPHIC #1 g00667073



GRAPHIC #2 g00667074

ELECTRICAL AND STARTING SYSTEM

3Q-6998 WIRING GP-MONITOR

PIN 2KZ1-UP

PART OF 152-9752 CHASSIS AR

SMCS-1408, 7490, 7494 **i01251851**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	9G-8451	1	BLOCK AS	
	1H-3244	1	LOCKWASHER (NO.14)	
	4B-4276	2	WASHER (1.6MM THK)	
	4L-7124	1	BOLT (1/4-20X1.25IN)	
	6V-8185	2	NUT (1/4-20 THD)	
M	**7X-2533**	3	BOLT (M6X1X35MM)	
M	**8C-8451**	1	BOLT (M6X1.0X40MM)	
M	**8T-4137**	9	BOLT (M10X1.50X20MM)	
M	**8T-4138**	2	BOLT (M6X1.0X20MM)	
M	**8T-4191**	2	BOLT (M10X1.50X16MM)	
M	**8T-4195**	4	BOLT (M10X1.50X30MM)	
M	**8T-4970**	2	BOLT (M6X1X14MM)	
M	**8T-9405**	8	BOLT-SOCKET HEAD (M4X0.7X16MM)	
	1S-0994	1	CLIP (20.64MM ID)	
	4D-7794	8	CLIP (10.0MM ID)	
	178-4216	1	CONTROL GP-TMSN ELECTRONIC	
	9U-1186	1	ENCLOSURE AS	
M	**6V-9632**	2	NUT-WELD (M6X1 THD)	
M	**8T-3490**	6	NUT-WELD (M10X1.5 THD)	
M	**8T-6462**	3	BOSS-WELD	
	3K-8782	9	FUSE (10 AMP)	
	8M-0456	1	FUSE (20 AMP)	
	8M-8948	3	FUSE (15 AMP)	
	8K-1433	1	GROMMET (12.70MM ID)	
	123-1046	1	HARNESS AS	
	123-1047	1	HARNESS AS	
	4K-5122	13	HOLDER AS-FUSE	
	8C-5607	8	MOUNT	
M	**5C-8312**	8	NUT (M4X0.7 THD)	
M	**8T-4133**	1	NUT (M10X1.50 THD)	
	9U-1191	1	PLATE-COVER	
	8C-5608	4	SPACER (25.4MM THK)	
	3S-2093	1	STRAP-CABLE (1.75IN DIA)	
	165-4026	1	SWITCH AS-MAGNETIC (MAIN RELAY)	
	4F-2294	2	NUT-JAM (5/16-24 THD)	
	6V-8186	2	NUT-FULL (5/16-24 THD)	
	6V-8378	2	NUT (10-32 THD)	
	8C-9660	16	WASHER (0.8MM THK)	
	9X-6165	4	WASHER (2.5MM THK)	
	9X-8256	1	WASHER (2MM THK)	
	8T-4121	16	WASHER-HARD (2.5MM THK)	
	8T-4205	4	WASHER-HARD (2MM THK)	
	9U-0808	1	WIRE AS	
	9U-1383	2	WIRE AS	
	9U-1384	1	WIRE AS	

M-METRIC PART

123-1057 WIRING GP-REAR

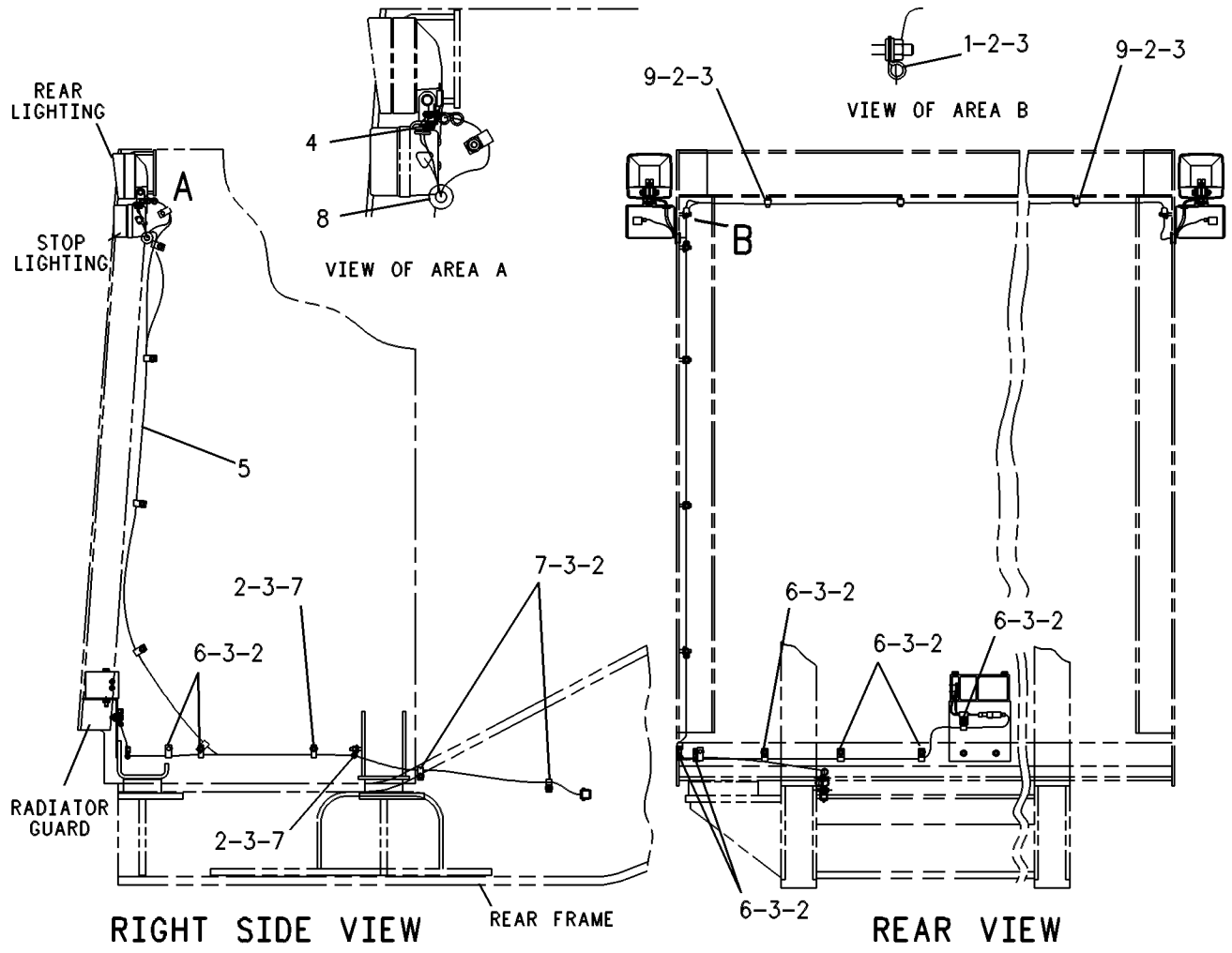
PIN 2KZ1-UP

PART OF 152-9752 CHASSIS AR

SMCS-1408 **i00637768**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**033-8248**	9	CLIP (11.11MM ID)	
	2	1	**8T-4121**	20	WASHER (2.5MM THK)	
M	3	1	**8T-4133**	20	NUT (M10X1.50 THD)	
	4	1	**9X-7344**	2	GROMMET	
	5	1	**123-1058**	1	HARNESS AS	
	6	1	**5P-9085**	7	CLIP (7.94MM ID)	
	7	1	**8M-2770**	4	CLIP (12.7MM ID)	
	8	1	**9G-4191**	2	GROMMET	
	9	1	**4D-9517**	2	CLIP (12.7MM ID)	

M-METRIC PART



GRAPHIC #1 g00278945

123-1043 WIRING GP-RELAY PANEL

PIN 2KZ1-UP

PART OF 152-9752 CHASSIS AR

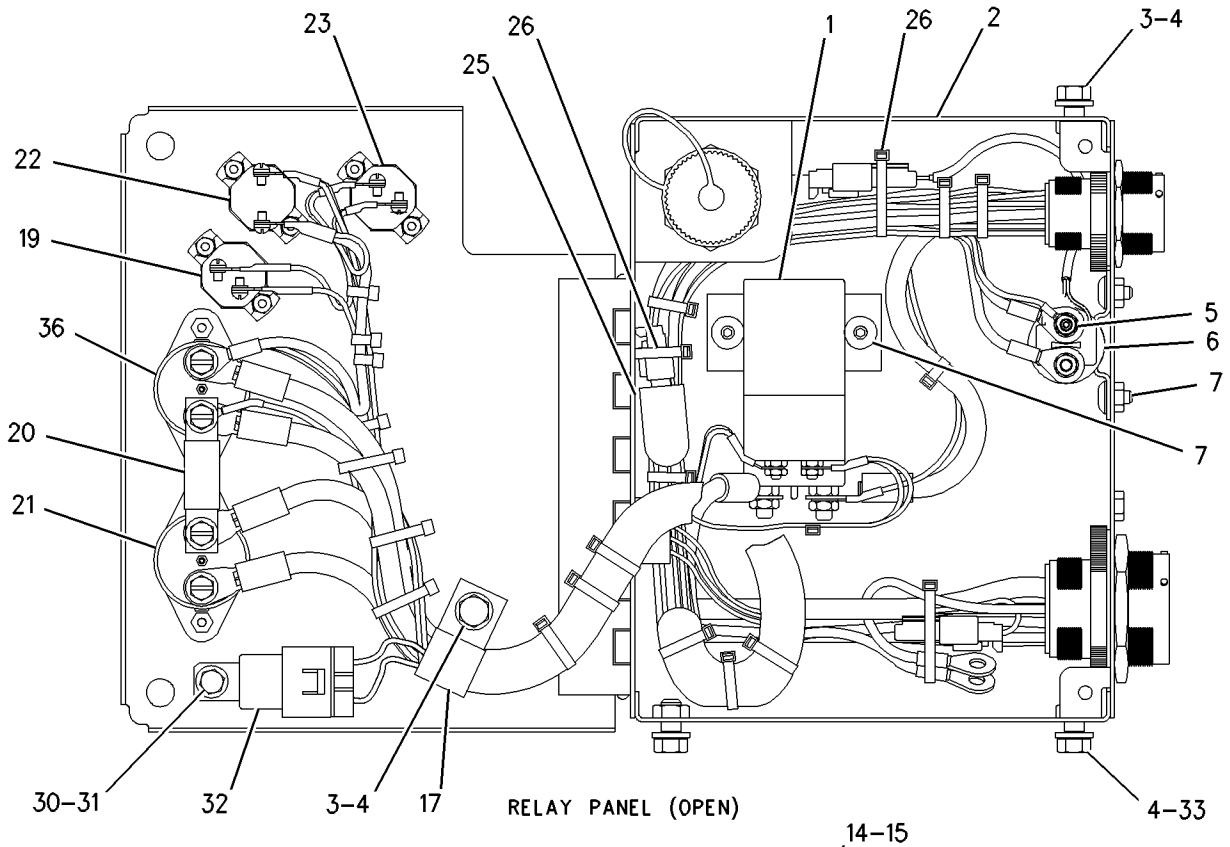
SMCS-1408, 1422 **i01246283**

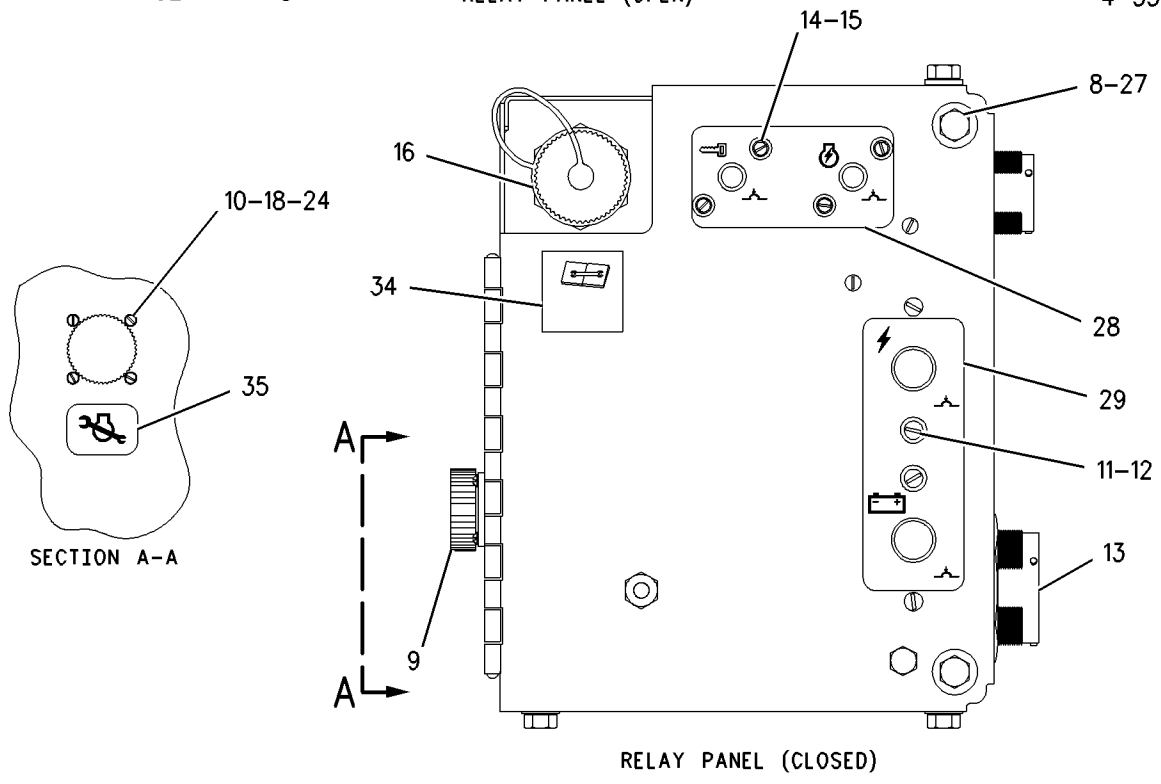
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**165-4026**	1	SWITCH AS-MAGNETIC (MAIN RELAY)	
		1	**4F-2294**	2	NUT-JAM (5/16-24 THD)	
		1	**6V-8186**	2	NUT-FULL (5/16-24 THD)	
		1	**6V-8378**	2	NUT (10-32 THD)	
	2	1	**122-8481**	1	PANEL AS	
		1	**9V-7451**	7	NUT-WELD (1/4-20 THD)	
M		1	**6V-9632**	1	NUT-WELD (M6X1 THD)	
		1	**9F-2978**	6	NUT-WELD (3/8-16 THD)	
	3	1	**5M-3062**	2	BOLT (3/8-16X.75IN)	
	4	1	**8T-4896**	6	WASHER-HARD (2.5MM THK)	
M	5	1	**8T-4134**	2	NUT (M6X1 THD)	
Y	6	1	**3E-0075**	1	SWITCH GP-MAGNETIC (START RELAY)	217
	7	1	**6V-3884**	4	SCREW-HEX SOCKET (1/4-20X0.5IN)	
	8	1	**6V-7646**	2	WASHER-HARD (2MM THK)	
	9	1	**8C-6354**	1	CAP-RECEPTACLE	
	10	1	**5S-4245**	4	SCREW-MACHINE (4-40X0.5IN)	
	11	1	**5L-4507**	4	SCREW-MACHINE (10-32X.875IN)	
	12	1	**4B-4274**	2	WASHER (1.2MM THK)	
	13	1	**122-8451**	1	HARNESS AS	
	14	1	**5M-6668**	6	SCREW-MACHINE (8-32X.75IN)	
	15	1	**4B-4863**	4	WASHER (1.2MM THK)	
	16	1	**9G-4360**	1	CAP-CONNECTOR	
	17	1	**4S-1962**	1	CLIP (25.4MM ID)	
	18	1	**6V-9497**	4	WASHER-HARD (0.5MM THK)	
	19	1	**3T-2662**	1	CIRCUIT BREAKER AS (15 AMP) (RUNNING LAMPS)	
		1	**6V-8376**	2	SCREW-MACHINE (8-32X.25IN)	
		1	**9B-7233**	2	LOCKWASHER (NO.8)	
	20	1	**7V-9275**	1	STRAP	
	21	1	**3E-7294**	1	CIRCUIT BREAKER AS (105 AMP) (MAIN)	
		1	**1H-3244**	2	LOCKWASHER (NO.14)	
		1	**6V-8365**	2	SCREW-MACHINE (1/4-28X.5IN)	
	22	1	**6N-8589**	1	CIRCUIT BREAKER AS (15 AMP) (ENGINE SHUTDOWN)	
		1	**6V-8376**	2	SCREW-MACHINE (8-32X.25IN)	
		1	**9B-7233**	2	LOCKWASHER (NO.8)	
	23	1	**9G-9487**	1	CIRCUIT BREAKER AS (10 AMP) (KEY START)	
		1	**6V-8376**	2	SCREW-MACHINE (8-32X.25IN)	
		1	**9B-7233**	2	LOCKWASHER (NO.8)	
	24	1	**6B-4540**	4	NUT (4-40X.75 IN)	
	25	1	**3E-7842**	1	RESISTOR AS-CONNECTOR	
		1	**3E-3365**	1	WEDGE-RECEPTACLE LOCK	
		1	**102-8802**	1	KIT-RECEPTACLE (2 PIN) (INCLUDES WEDGE)	
D		1	**5P-5677**		WIRE (18 GA) (.1M)	
		1	**8T-8729**	2	PIN-CONNECTOR	
	26	1	**8L-8413**	2	STRAP-CABLE (1.12IN DIA)	
	27	1	**4M-5281**	2	BOLT (1/4-20X.750IN)	
	28	1	**115-9346**	1	PLATE-IDENTIFICATION	
	29	1	**122-8450**	1	FILM-INSTRUCTION	
M	30	1	**5C-9553**	1	BOLT (M6X1.0X16MM)	
	31	1	**9X-8256**	1	WASHER (2MM THK)	
	32	1	**3E-5239**	1	RELAY AS (24 VOLT)	
	33	1	**4L-6454**	4	BOLT (3/8-16X1 IN)	
	34	1	**114-0931**	1	FILM-IDENTIFICATION	
	35	1	**115-9347**	1	FILM-IDENTIFICATION	
	36	1	**3E-7294**	1	CIRCUIT BREAKER AS (105 AMP) (ALTERNATOR)	
		1	**1H-3244**	2	LOCKWASHER (NO.14)	

123-1043 **WIRING GP-RELAY PANEL** *(contd.)* **i01246283**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		1	**6V-8365**	2	SCREW-MACHINE (1/4-28X.5IN)	

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





GRAPHIC #1 g00664949

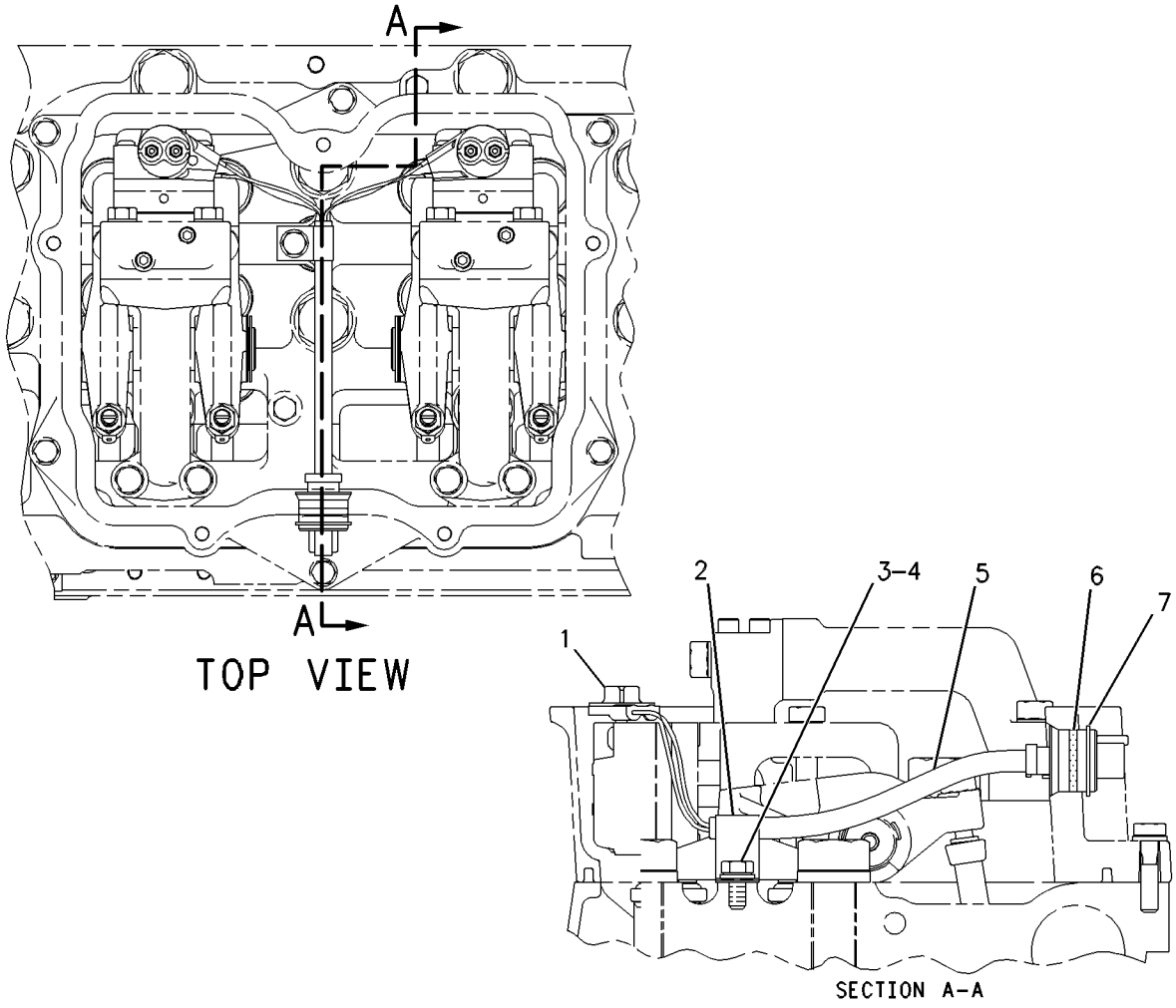
109-0401 WIRING GP-UNIT INJECTOR

S/N 80M861-UP

PART OF 122-1117 ENGINE AR

SMCS-1290, 1408 **i01206074**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7E-6508**	2	CAP AS	
	2	1	**107-6761**	1	CLIP (10MM ID)	
	3	1	**2H-3755**	1	BOLT (5/16-18X0.62 IN)	
	4	1	**9M-1974**	1	WASHER-HARD (2MM THK)	
	5	1	**179-7087**	1	HARNESS AS	
	6	1	**033-6034**	1	SEAL-O-RING (23.47MM ID)	
	7	1	**5L-4019**	1	RING-RETAINING	



GRAPHIC #1 g00586543

8R-5470 AXLE AR-FIXED

PIN 2KZ1-UP

PART OF 154-3161 POWER TRAIN AR

SMCS-3013, 3278 **i00662092**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*8R-5471*	1	AXLE GP-FIXED	246
Y	*9U-2856*	1	BRAKE GP-SERVICE	384
Y	**121-4658**	1	DIFFERENTIAL & BEVEL GEAR GP	266
Y	**9U-3022**	1	WHEEL & FINAL DRIVE GP	340

Y-SEPARATE ILLUSTRATION

154-6380 AXLE AR-OSCILLATING

PIN 2KZ1-UP

PART OF 154-3161 POWER TRAIN AR

SMCS-3013, 3278 **i00753325**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	**8R-5467**	1	AXLE GP-OSCILLATING	248
Y	*9U-2856*	2	BRAKE GP-SERVICE	384
Y	**154-6383**	1	GEAR GP-& DIFFERENTIAL	268
Y	**9U-3022**	2	WHEEL & FINAL DRIVE GP	340

Y-SEPARATE ILLUSTRATION

8R-5471 AXLE GP-FIXED

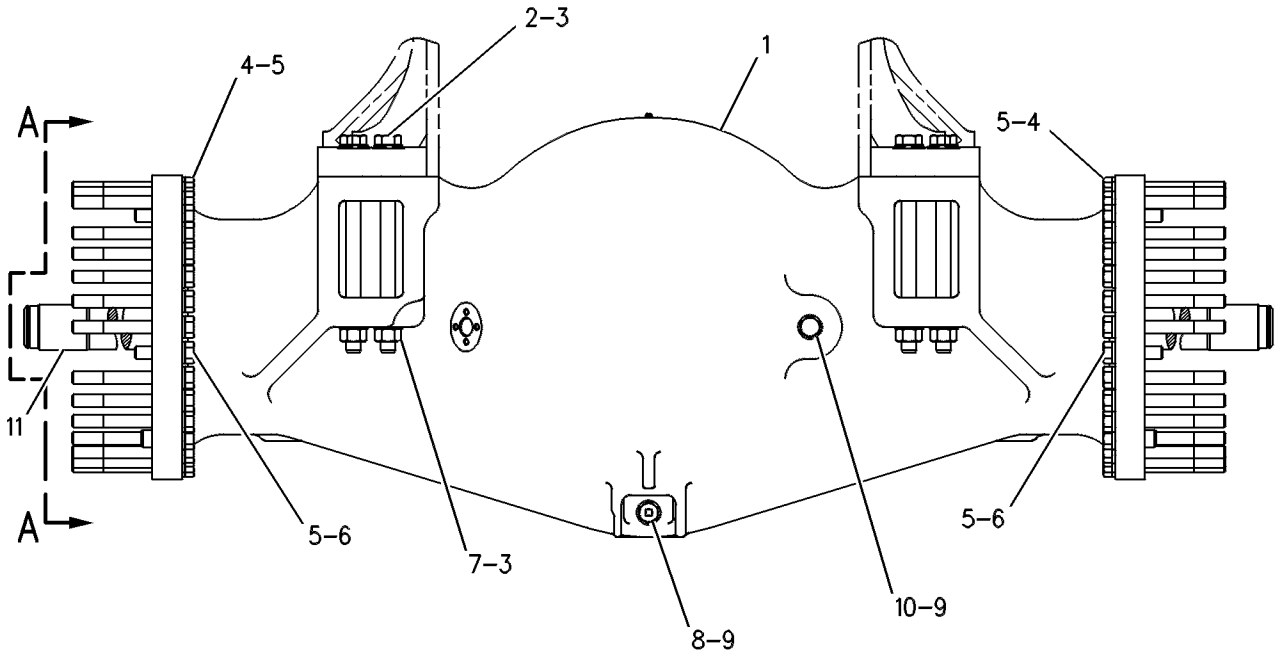
PIN 2KZ1-UP

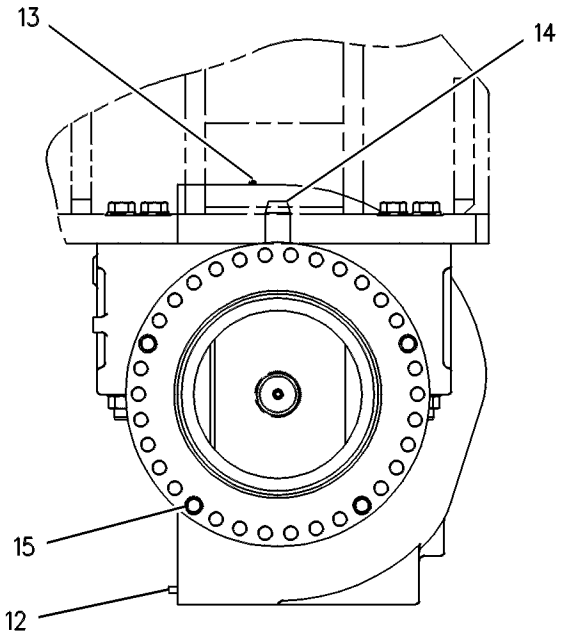
PART OF 8R-5470 AXLE AR-FIXED

SMCS-3278 **i00722814**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-0082**	1	HOUSING-AXLE	
M	2	1	**152-1351**	16	BOLT-HEX HEAD	
	3	1	**7X-0593**	32	WASHER-HARD (6.0MM THK)	
	4	1	**1D-4646**	60	BOLT (1-8X9IN)	
	5	1	**9M-2828**	68	WASHER-HARD (8.0MM THK)	
	6	1	**9X-8896**	8	BOLT (1-8X4IN)	
M	7	1	**8C-8722**	16	NUT (M30X3.50 THD)	
	8	1	**5P-4484**	1	PLUG-MAGNETIC	
	9	1	**7M-8485**	2	SEAL-O-RING (29.74MM ID)	
	10	1	**9S-4181**	1	PLUG-STRAIGHT THREAD (1-5/16-12 THD)	
	11	1	**9U-2963**	2	SHAFT-AXLE	
	12	1	**2K-9062**	1	PIN-SPRING	
	13	1	**8T-0336**	1	FITTING-RELIEF	
	14	1	**1V-6137**	2	DOWEL	
	15	1	**104-7006**	4	DOWEL-HOLLOW (35.0 ODX45.0MM OAL)	

M-METRIC PART





VIEW A–A

GRAPHIC #1 g00120125

8R-5467 AXLE GP-OSCILLATING

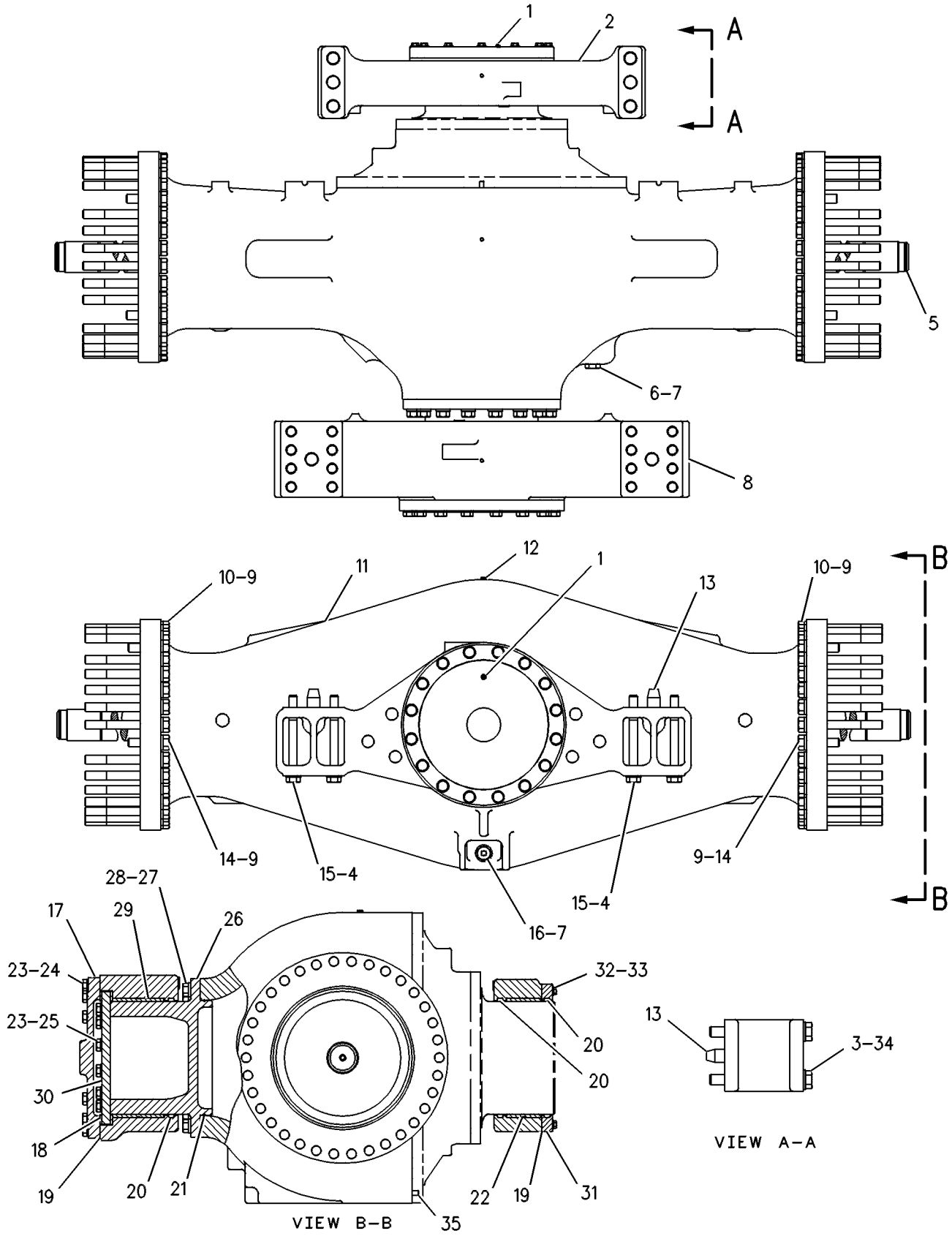
PIN 2KZ1-UP

PART OF 154-6380 AXLE AR-OSCILLATING

SMCS-3278 **i00174828**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1K-6853**	2	FITTING	
	2	1	**4E-3095**	1	SUPPORT-TRUNNION	
M	3	1	**9X-6276**	4	BOLT	
	4	1	**8T-4167**	16	WASHER (4MM THK)	
	5	1	**9U-2963**	2	SHAFT-AXLE	
	6	1	**9S-4181**	1	PLUG-STRAIGHT THREAD (1-5/16-12 THD)	
	7	1	**7M-8485**	2	SEAL-O-RING (29.74MM ID)	
	8	1	**4E-3096**	1	SUPPORT-TRUNNION	
	9	1	**9M-2828**	68	WASHER-HARD (8.0MM THK)	
	10	1	**1D-4646**	60	BOLT (1-8X9IN)	
	11	1	**4E-0083**	1	HOUSING-AXLE	
	12	1	**8T-0336**	1	FITTING-RELIEF	
	13	1	**6M-1622**	4	DOWEL (1.494 ODX3.69IN OAL)	
	14	1	**9X-8896**	8	BOLT (1-8X4IN)	
M	15	1	**7X-2579**	16	BOLT (M24X3X240MM)	
	16	1	**5P-4484**	1	PLUG-MAGNETIC	
	17	1	**2V-2757**	1	COVER	
	18	1	**4V-4885**	2	BEARING-THRUST	
B	19	1	**6V-6640**		SEALANT	
	20	1	**4V-4884**	3	SEAL-O-RING	
	21	1	**5P-2861**	1	SEAL-O-RING	
	22	1	**4V-4887**	1	BEARING-SLEEVE	
	23	1	**2S-0115**	28	WASHER-HARD (5MM THK)	
	24	1	**1D-4608**	16	BOLT (3/4-10X2.75IN)	
	25	1	**3B-2968**	12	BOLT (3/4-10X3.5IN)	
	26	1	**4E-0078**	1	TRUNNION	
	27	1	**1D-4626**	16	BOLT (7/8-9X2.75IN)	
	28	1	**9H-1031**	16	WASHER-HARD (6.0MM THK)	
	29	1	**4E-3108**	1	BEARING-SLEEVE	
	30	1	**2V-2755**	1	PLATE-THRUST	
	31	1	**2V-2761**	1	RETAINER-BEARING	
	32	1	**1A-1460**	12	BOLT (1/2-13X2IN)	
	33	1	**2M-0849**	12	WASHER (5MM THK)	
	34	1	**7X-0593**	4	WASHER-HARD (6.0MM THK)	
	35	1	**2K-9062**	1	PIN-SPRING	

B-USE AS REQUIRED
M-METRIC PART



GRAPHIC #1 g00120124

8R-5681 BREATHER GP-POWER TRAIN

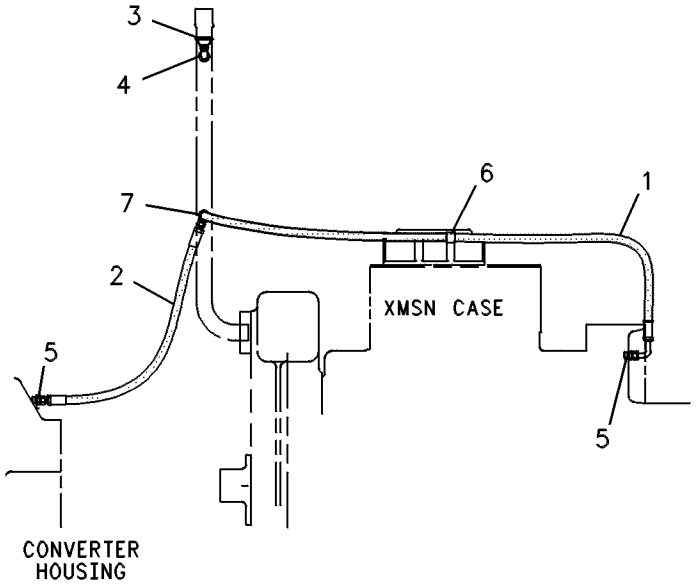
PIN 2KZ1-UP

PART OF 154-3161 POWER TRAIN AR

SMCS-3024 **i00174193**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
I	1	1	**054-5605**	1	HOSE AS	
I	2	1	**4E-6633**	1	HOSE AS	
	3	1	**9G-5127**	1	BREATHER (PRESSURE RELIEF)	
	4	1	**7J-8611**	1	ELBOW	
	5	1	**2R-6806**	2	CONNECTOR (9/16-18 STR THD)	
		1	**3J-1907**	2	SEAL-O-RING (11.89MM ID)	
	6	1	**6D-4246**	1	CLIP (19.05MM ID)	
	7	1	**6S-2289**	1	TEE	

I-SEE HOSE FABRICATION GUIDE



GRAPHIC #1 g00120132

MEMORANDA

6Y-6973 CASE & PARTS GP-PLANETARY

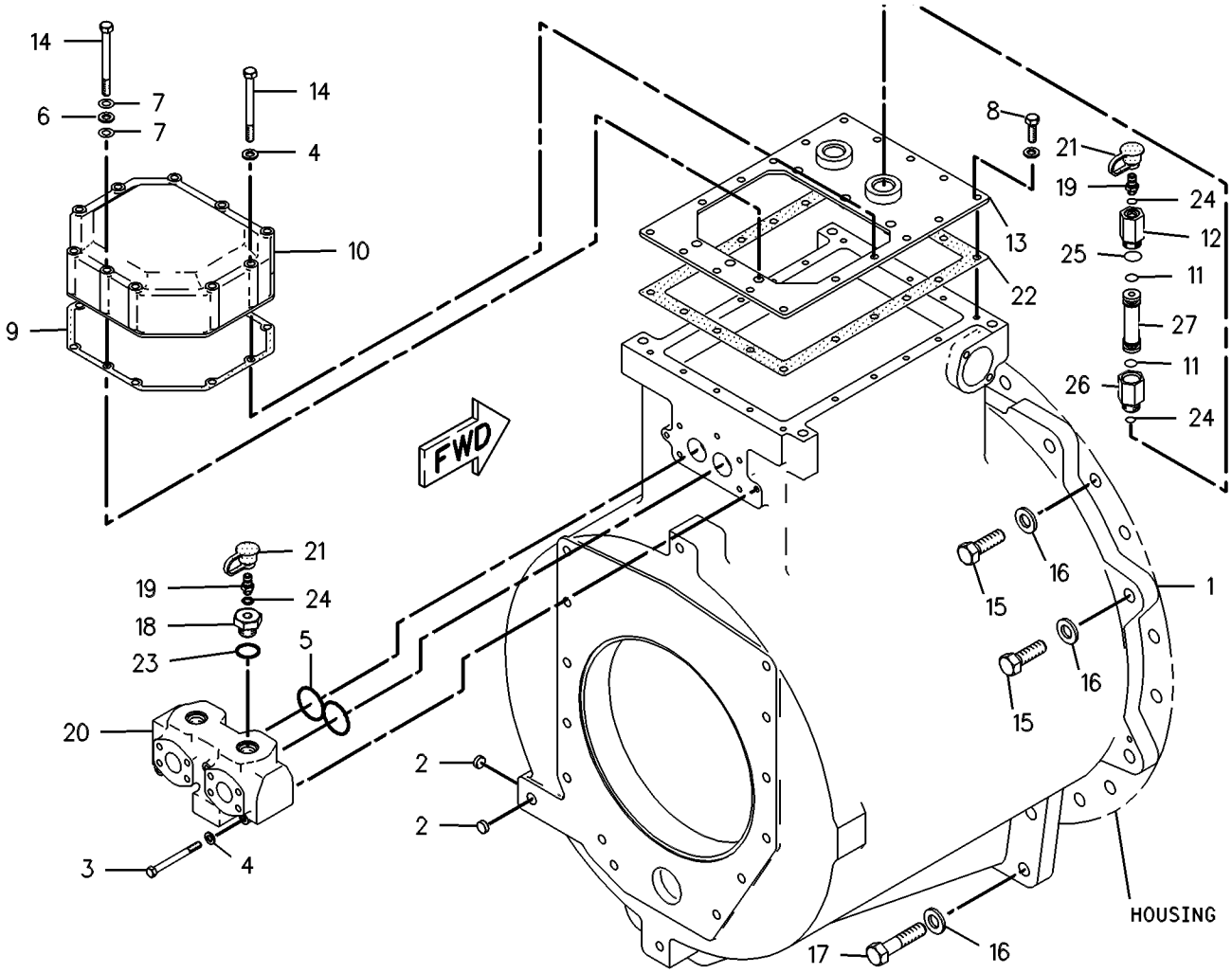
S/N 9XE900-UP

PART OF 6Y-6971 TRANSMISSION AR

SMCS-3064 **i00834637**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6I-8493**	1	CASE AS-PLANETARY	
	2	1	**7M-5839**	2	PLUG-CUP (17.78MM ID)	
	3	1	**0T-0065**	3	BOLT (3/8-16X3.5IN)	
	4	1	**5M-2894**	7	WASHER (2.5MM THK)	
	5	1	**8M-4992**	2	SEAL-O-RING (40.87MM ID)	
	6	1	**9S-1018**	12	WASHER (.84MM THK)	
	7	1	**3S-0004**	6	WASHER (2.29MM THK)	
	8	1	**0L-1351**	14	BOLT (3/8-16X.875IN)	
	9	1	**8E-4929**	1	GASKET	
	10	1	**8E-4928**	1	COVER	
C	11	1	**8M-8157**	2	SEAL (9.19MM ID)	
C	12	1	**132-9877**	2	ADAPTER	
C	13	1	**132-9875**	1	COVER AS	
		1	**1F-0750**	6	NUT-WELD (3/8-16 THD)	
	14	1	**0S-1608**	10	BOLT (3/8-16X3.75IN)	
	15	1	**9X-8885**	19	BOLT (3/4-10X2.25IN)	
	16	1	**5P-8248**	23	WASHER-HARD (3.5MM THK)	
	17	1	**3B-2968**	4	BOLT (3/4-10X3.5IN)	
	18	1	**2P-8421**	2	ADAPTER-O-RING	
C	19	1	**6V-3965**	4	NIPPLE AS	
	20	1	**6Y-5544**	1	MANIFOLD	
C	21	1	**6V-0852**	4	CAP-DUST	
	22	1	**8E-7249**	6	GASKET	
	23	1	**3D-2824**	2	SEAL-O-RING (23.47MM ID)	
C	24	1	**3J-1907**	6	SEAL-O-RING (11.89MM ID)	
C	25	1	**4K-1388**	2	SEAL-O-RING (26.59MM ID)	
C	26	1	**8E-1717**	2	ADAPTER	
C	27	1	**8E-7253**	2	SLEEVE	

C-CHANGE FROM PREVIOUS TYPE



GRAPHIC #1 g00272786

4E-8413 CONTROL GP-STIC

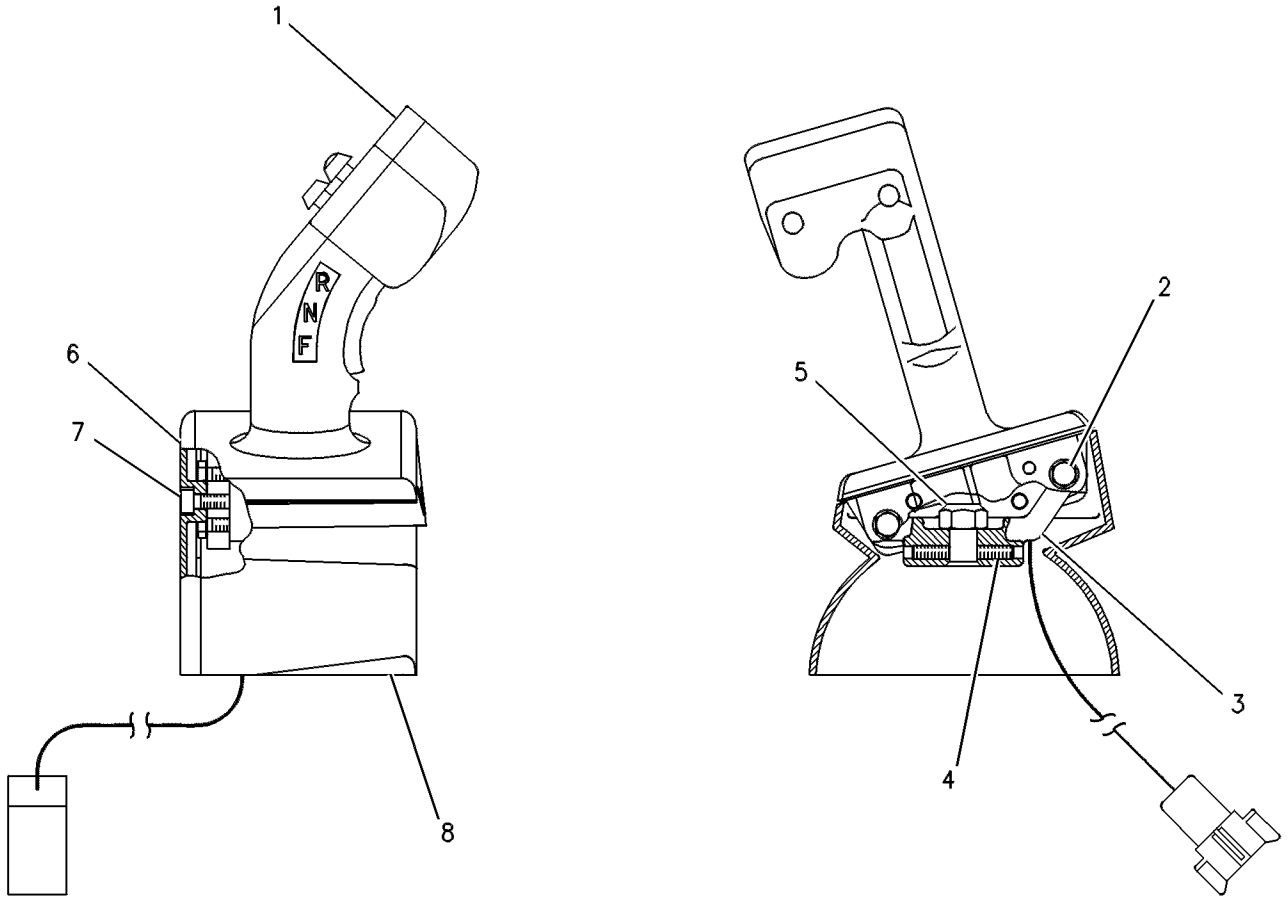
PIN 2KZ1-297

PART OF 153-3958 CAB AR

SMCS-3033 **i00174457**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
CY	1	1	*136-1155*	1	CONTROL GP-STIC	257
M	2	1	**8T-4138**	4	BOLT (M6X1.0X20MM)	
	3	1	**4E-7520**	1	BASE	
M	4	1	**8T-0723**	2	SETSCREW-SOCKET	
M	5	1	**6V-7687**	1	LOCKNUT (M12X1.75 THD)	
	6	1	**4E-7628**	1	COVER	
M	7	1	**8T-0269**	4	BOLT-SOCKET HEAD (M16X1X20MM)	
	8	1	**4E-7627**	1	HOUSING	

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



GRAPHIC #1 g00120734

4E-8413 CONTROL GP-STIC

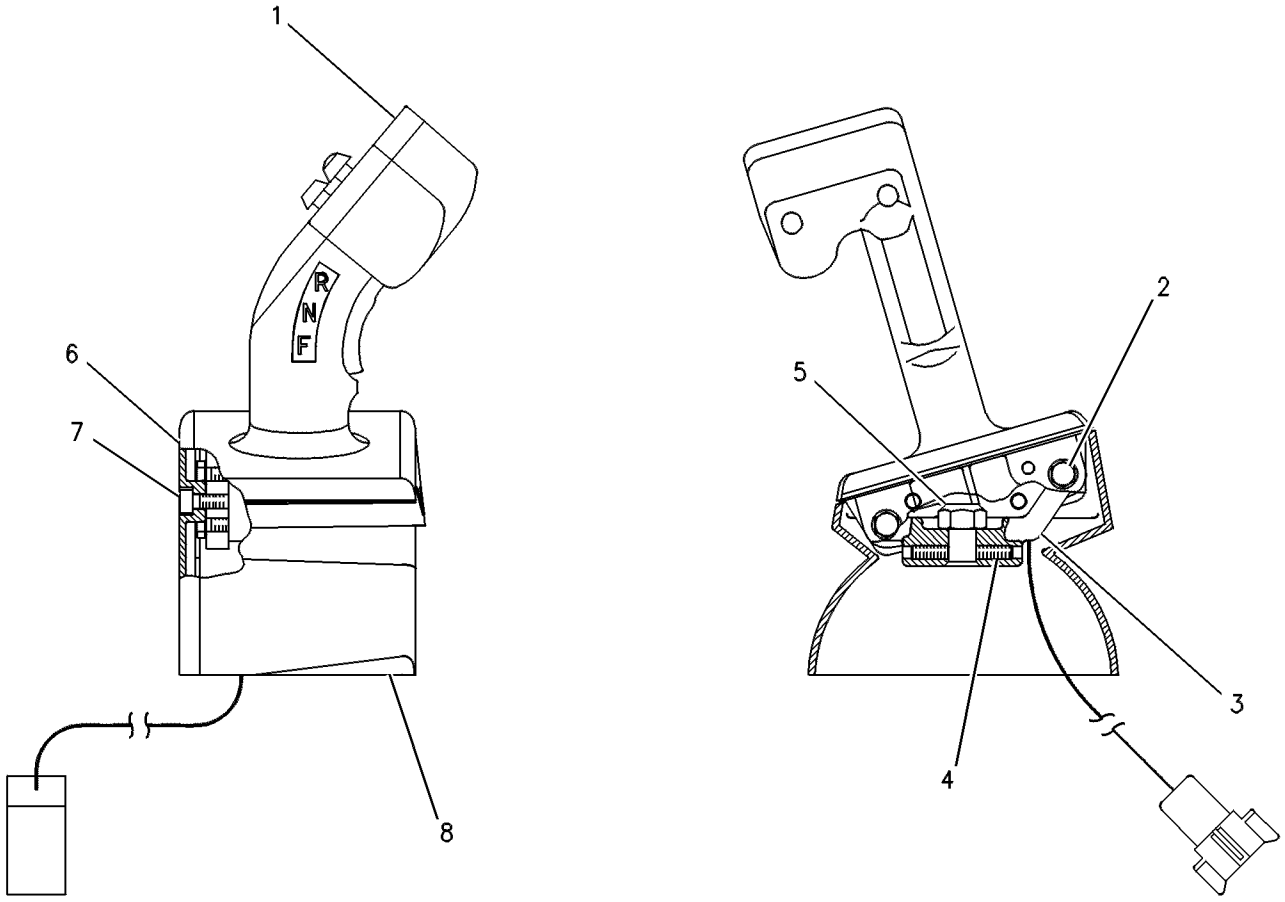
PIN 2KZ298-303

PART OF 153-3958 CAB AR

SMCS-3033 **i00967699**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
CY	1	1	**159-8661**	1	CONTROL GP-STIC	258
M	2	1	**8T-4138**	4	BOLT (M6X1.0X20MM)	
	3	1	**4E-7520**	1	BASE	
M	4	1	**8T-0723**	2	SETSCREW-SOCKET	
	5	1	**6V-7587**	1	WIRE-ELECTRICAL	
	6	1	**4E-7628**	1	COVER	
M	7	1	**8T-0269**	4	BOLT-SOCKET HEAD (M16X1X20MM)	
	8	1	**4E-7627**	1	HOUSING	

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



GRAPHIC #1 g00120734

4E-8413 CONTROL GP-STIC

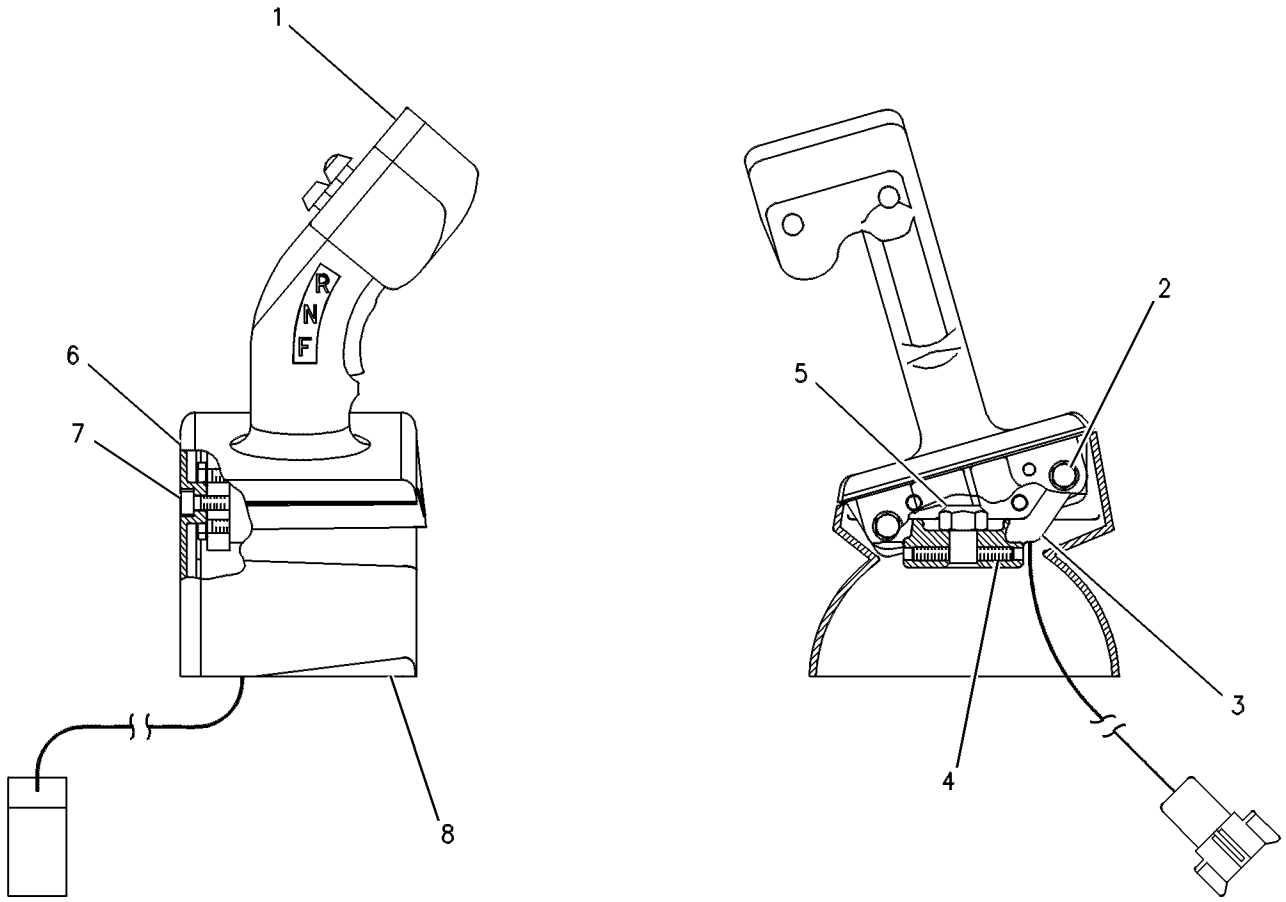
PIN 2KZ304-UP

PART OF 153-3958 CAB AR

SMCS-3033 **i01220908**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**177-4113**	1	CONTROL GP-STIC	260
M	2	1	**8T-4138**	4	BOLT (M6X1.0X20MM)	
	3	1	**4E-7520**	1	BASE	
M	4	1	**8T-0723**	2	SETSCREW-SOCKET	
	5	1	**6V-7587**	1	WIRE-ELECTRICAL	
	6	1	**4E-7628**	1	COVER	
M	7	1	**8T-0269**	4	BOLT-SOCKET HEAD (M6X1X20MM)	
	8	1	**4E-7627**	1	HOUSING	

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00120734

136-1155 CONTROL GP-STIC

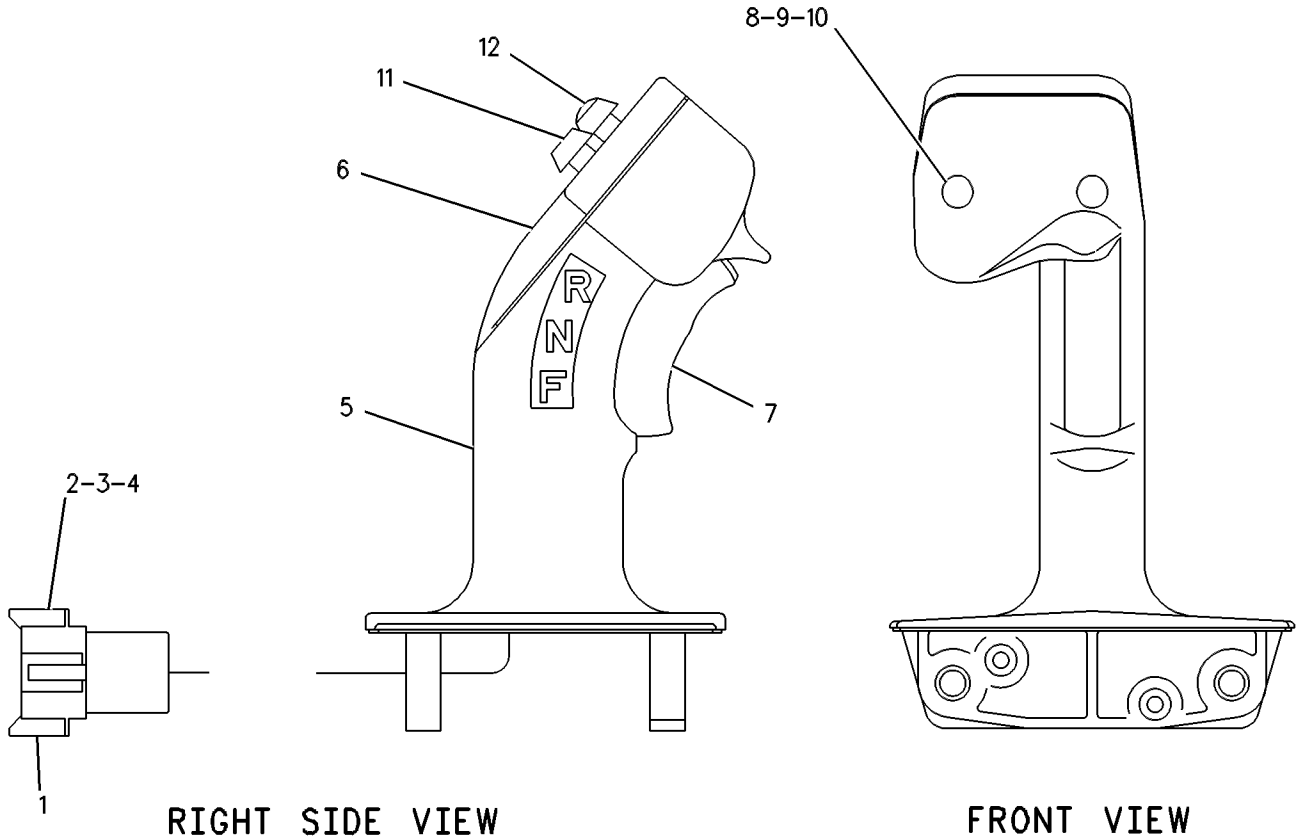
PIN 2KZ1-298

PART OF 4E-8413 CONTROL GP-STIC

SMCS-3033 **i01185337**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3E-3387**	1	RECEPTACLE AS	
	2	1	**3E-3389**	1	WEDGE-RECEPTACLE LOCK	
	3	1	**8T-8729**	8	PIN-CONNECTOR	
	4	1	**102-8806**	1	KIT-RECEPTACLE (8 PIN)	
					(INCLUDES WEDGE)	
	5	1	**105-9073**	1	GRIP	
	6	1	**136-1153**	1	CAP AS	
		1	**102-8806**	1	KIT-RECEPTACLE (8 PIN)	
					(INCLUDES WEDGE)	
	7	1	**105-8029**	1	ACTUATOR	
M	8	1	**7Y-3173**	2	SCREW-BUTTON HEAD (M4X0.70X12MM)	
	9	1	**8C-7508**	2	LOCKWASHER	
	10	1	**8C-9660**	2	WASHER (0.8MM THK)	
	11	1	**106-3923**	1	BUTTON-DOWNSHIFT	
	12	1	**106-3924**	1	BUTTON-UPSHIFT	

M-METRIC PART



GRAPHIC #1 g00122152

159-8661 CONTROL GP-STIC

PIN 2KZ298-303

PART OF 4E-8413 CONTROL GP-STIC

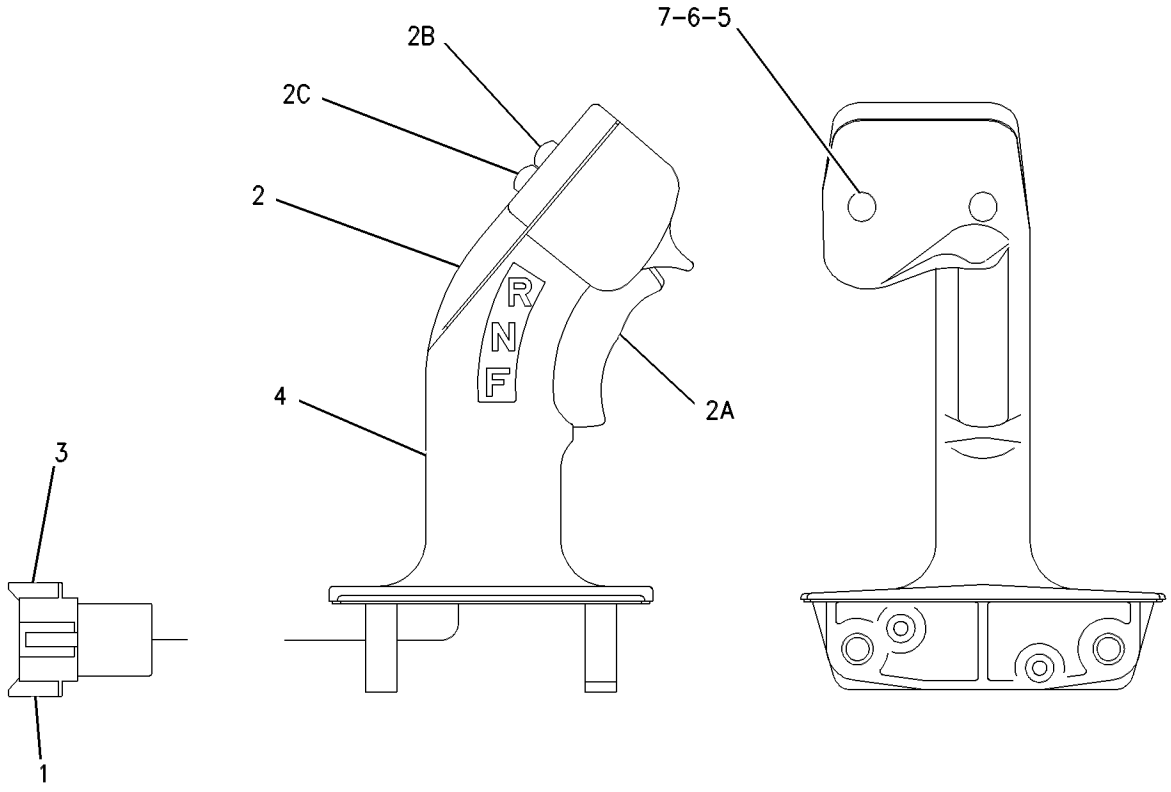
FIELD REPLACEMENT ORDER 177-4113–PAGE 260

SMCS-3033 **i01185340**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**160-3518**	1	KIT-RECEPTACLE (8 PIN)	
					(INCLUDES WEDGE)	
L	2	1	**159-8662**	1	CAP AS	
	2A	1	**159-8663**	1	SWITCH AS-ROCKER (DIRECTIONAL)	
		1	**5S-4246**	2	LOCKWASHER	
		1	**6V-9497**	2	WASHER-HARD (0.5MM THK)	
		1	**8T-8729**	3	PIN-CONNECTOR	
		1	**9X-8917**	2	SCREW-MACHINE	
		1	**105-8029**	1	ACTUATOR	
	2B	1	**159-8665**	1	SWITCH AS (UPSHIFT)	
	2C	1	**159-8664**	1	SWITCH AS (DOWNSHIFT)	
					(EACH SWITCH AS INCLUDES)	
		1	**3K-0835**	1	NUT	
		1	**6F-0253**	1	LOCKWASHER (16.26MM ID)	
		1	**8T-8729**	2	PIN-CONNECTOR	
	3	1	**3E-3389**	1	WEDGE-RECEPTACLE LOCK	
	4	1	**105-9073**	1	GRIP	
M	5	1	**7Y-3173**	2	SCREW-BUTTON HEAD (M4X0.70X12MM)	
	6	1	**8C-7508**	2	LOCKWASHER	
	7	1	**8C-9660**	2	WASHER (0.8MM THK)	
					AVAILABLE REPAIR KIT(S):	
L			**160-3518**	1	KIT-RECEPTACLE (8 PIN)	

L-KIT MARKED L IS AVAILABLE FOR PART(S) MARKED L
M-METRIC PART

159-8661 CONTROL GP-STIC *(contd.)* i01185340



RIGHT SIDE VIEW

FRONT VIEW

GRAPHIC #1 g00624842

177-4113 CONTROL GP-STIC

PIN 2KZ304-UP

PART OF 4E-8413 CONTROL GP-STIC

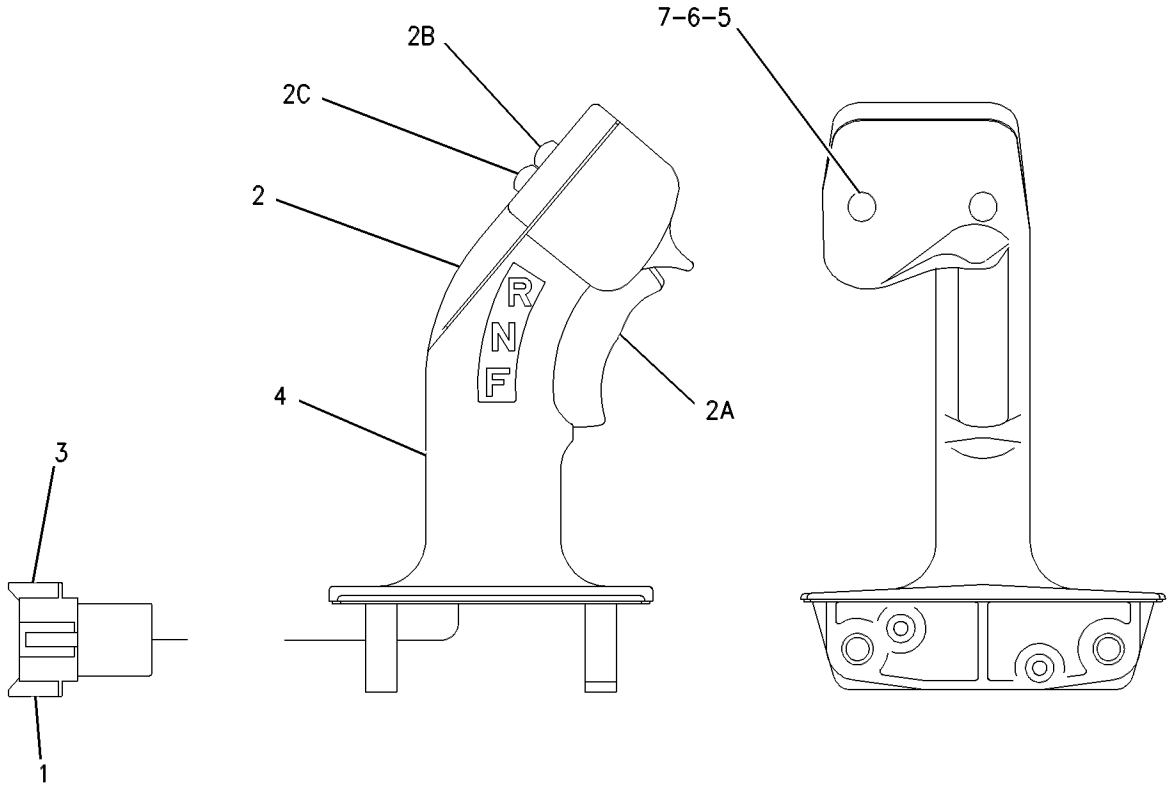
FIELD REPLACEMENT FOR 159-8661—PAGE 258

SMCS-3033 **i01169050**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
L	1	1	*160-3515*	1	RECEPTACLE AS	
L	2	1	**177-4112**	1	CAP AS	
	2A	1	**177-2373**	1	SWITCH AS-ROCKER (DIRECTIONAL)	
		1	**5S-4246**	2	LOCKWASHER	
		1	**8T-8729**	3	PIN-CONNECTOR	
		1	**9X-8917**	2	SCREW-MACHINE	
		1	**096-5962**	2	WASHER-HARD (0.8MM THK)	
		1	**105-8029**	1	ACTUATOR	
	2B	1	**159-8665**	1	SWITCH AS (UPSHIFT)	
	2C	1	**159-8664**	1	SWITCH AS (DOWNSHIFT)	
					(EACH SWITCH AS INCLUDES)	
		1	**3K-0835**	1	NUT	
		1	**6F-0253**	1	LOCKWASHER	
		1	**8T-8729**	2	PIN-CONNECTOR	
	3	1	**3E-3389**	1	WEDGE-RECEPTACLE LOCK	
	4	1	**105-9073**	1	GRIP	
M	5	1	**7Y-3173**	2	SCREW-BUTTON HEAD (M4X0.70X12MM)	
	6	1	**8C-7508**	2	LOCKWASHER	
	7	1	**8C-9660**	2	WASHER (0.8MM THK)	
					AVAILABLE REPAIR KIT(S):	
L			**160-3518**	1	KIT-RECEPTACLE (8 PIN)	

L-REPAIR KIT MARKED L IS AVAILABLE FOR PARTS MARKED L
M-METRIC PART

177-4113 CONTROL GP-STIC *(contd.)* i01169050



GRAPHIC #1 g00624842

8E-6392 CONTROL GP-TRANSMISSION HYD

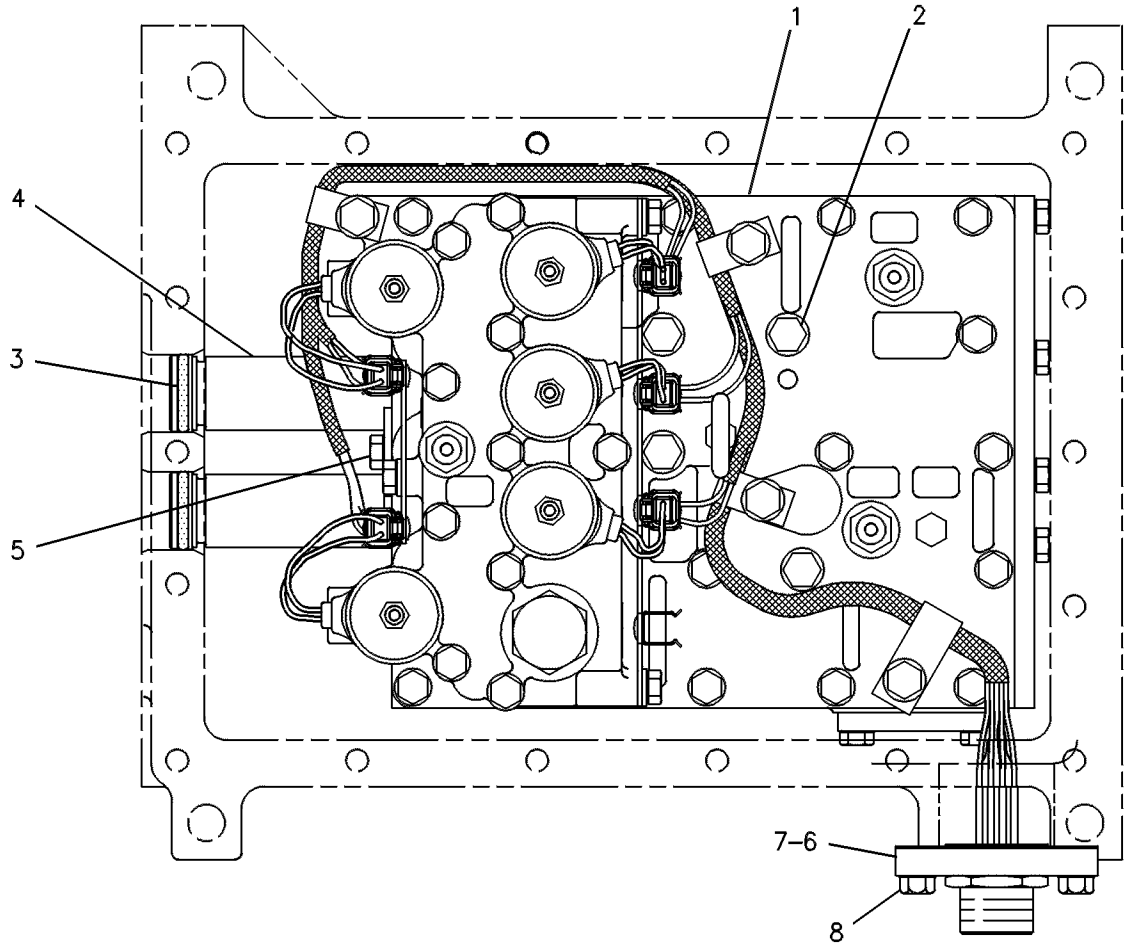
S/N 9XE900-UP

PART OF 6Y-6971 TRANSMISSION AR

SMCS-3073, 3167 **i00722809**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	*8E-6393*	1	VALVE GP-TRANSMISSION CONTROL	338
	2	1	**6B-1557**	4	BOLT (3/8-16X7.5IN)	
		1	**5M-2894**	4	WASHER (2.5MM THK)	
	3	1	**8M-4432**	4	SEAL-O-RING	
	4	1	**6P-4977**	2	SLEEVE	
	5	1	**8L-5922**	1	BOLT-LOCKING (5/16-18X.563IN)	
		1	**141-8466**	1	RETAINER	
	6	1	**104-6729**	1	RETAINER	
	7	1	**104-6730**	1	GASKET	
	8	1	**1A-2029**	2	BOLT (3/8-16X1.125IN)	

Y-SEPARATE ILLUSTRATION



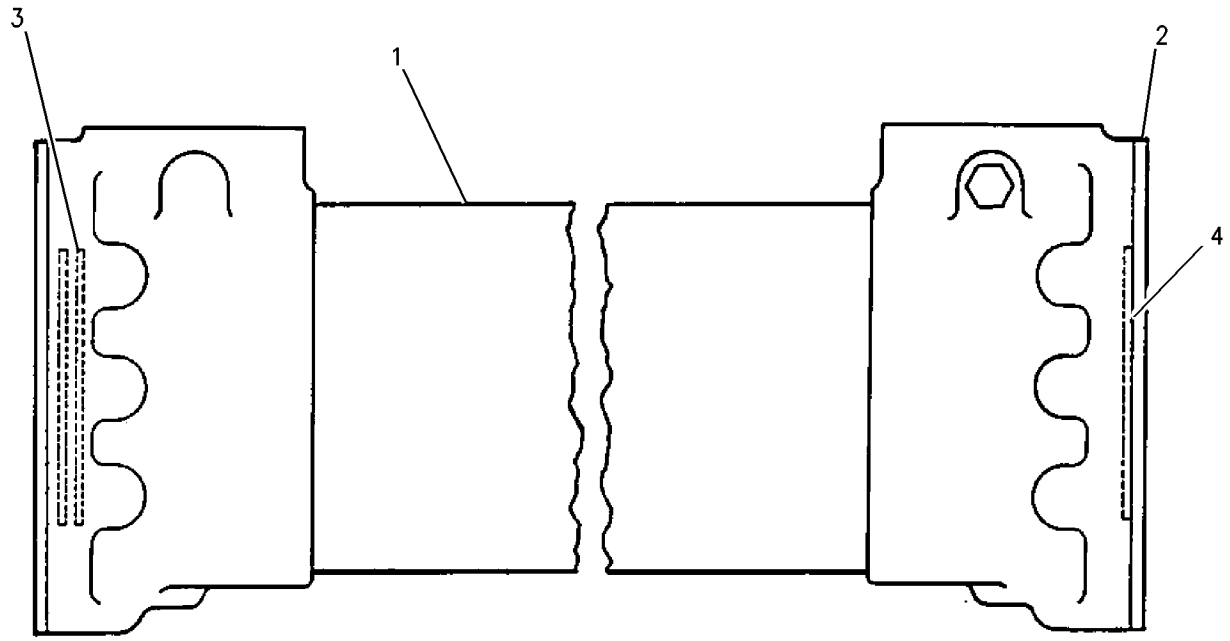
GRAPHIC #1 g00120133

4W-0419 CORE GP-OIL COOLER*R

S/N 80M861-UP
TRANSMISSION
PART OF 134-6257 LINES GP-WATER

SMCS-1375 **i01229172**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1W-2247**	1	SHELL AS-OIL COOLER	
		1	**3H-9675**	1	PIN-SPRING	
		1	**5M-6214**	2	PLUG-PIPE (1/8-27 THD)	
	2	1	**1W-2250**	1	BUNDLE AS-TUBE	
	3	1	**6V-3689**	2	SEAL-O-RING (158.34MM ID)	
	4	1	**1S-4974**	1	SEAL-O-RING (164.69MM ID)	



GRAPHIC #1 g00657332

8E-7141 COVER GP-SHIPPING

S/N 9XE900-UP

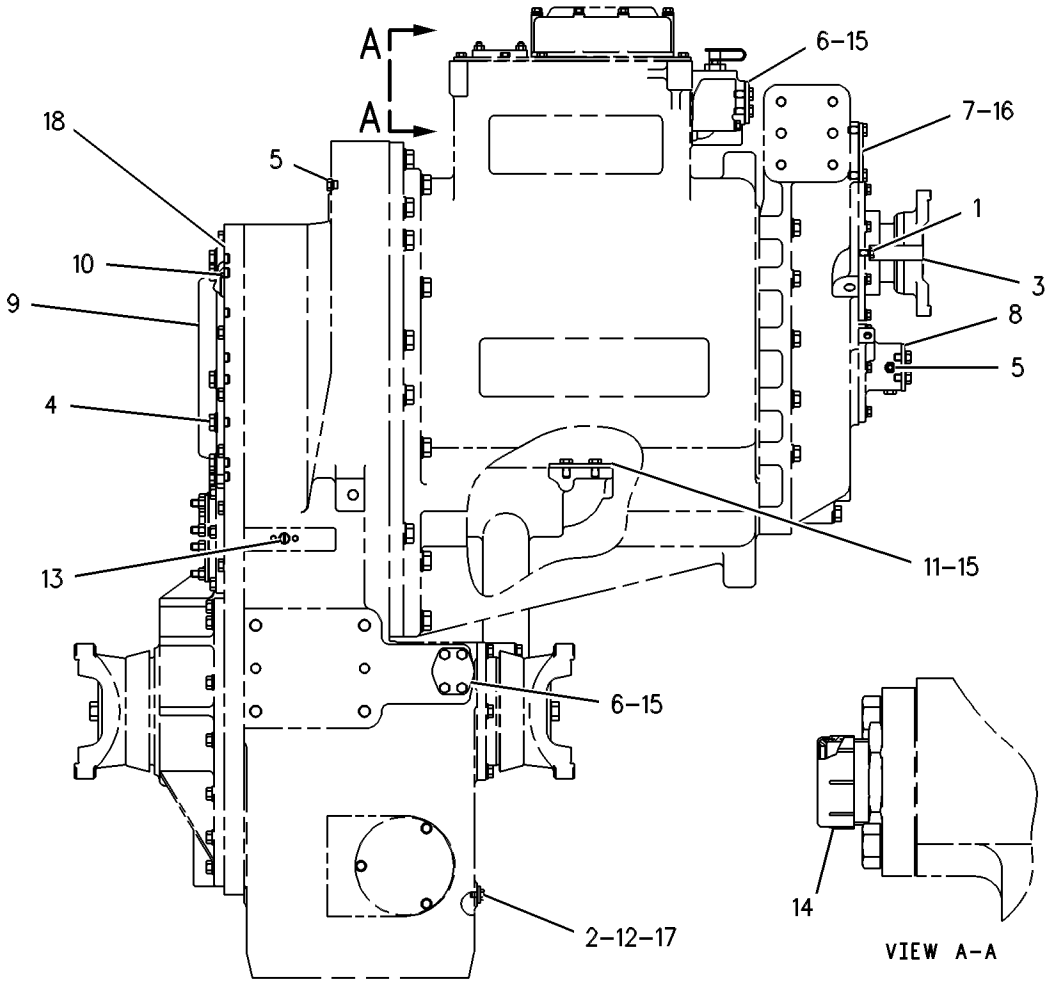
PART OF 6Y-6971 TRANSMISSION AR

SMCS-3064 **i00873991**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**0S-0509**	2	BOLT (3/8-16X.75IN)	
	2	1	**5M-3154**	1	COVER	
	3	1	**8E-5287**	1	STRAP	
M	4	1	**6V-5844**	10	BOLT (M16X2.0X35MM)	
		1	**5P-8247**	10	WASHER-HARD (3.5MM THK)	
	5	1	**9S-4191**	2	PLUG-O-RING (9/16-18 THD)	
		1	**3J-1907**	2	SEAL-O-RING (11.89MM ID)	
	6	1	**8X-6166**	3	COVER	
		1	**8E-7366**	3	GASKET	
	7	1	**9P-4331**	1	COVER	
		1	**4K-1657**	1	GASKET	
	8	1	**1S-3730**	1	COVER	
		1	**8E-7365**	1	GASKET	
		1	**0S-1620**	4	BOLT (1/2-13X.75IN)	
	9	1	**150-3384**	1	COVER-SHIPPING	
	10	1	**5M-4454**	1	SEAL-O-RING	
	11	1	**7J-0401**	1	COVER	
		1	**7H-1495**	1	GASKET	
	12	1	**1S-6595**	1	GASKET	
	13	1	**2P-1294**	1	PLUG-SEAL	
	14	1	**3E-4046**	1	PLUG	
		1	**3D-2992**	1	SEAL	
M	15	1	**6A-5591**	16	BOLT (M12X1.75X25MM)	
M	16	1	**6V-6317**	4	BOLT (M10X1.50X20MM)	
M	17	1	**8T-4191**	2	BOLT (M10X1.50X16MM)	
	18	1	**6D-0692**	1	SEAL-O-RING (367.89MM ID)	

M-METRIC PART

8E-7141 **COVER GP-SHIPPING** *(contd.)* **i00873991**



GRAPHIC #1

g00122627

121-4658 DIFFERENTIAL & BEVEL GEAR GP

PIN 2KZ1-UP

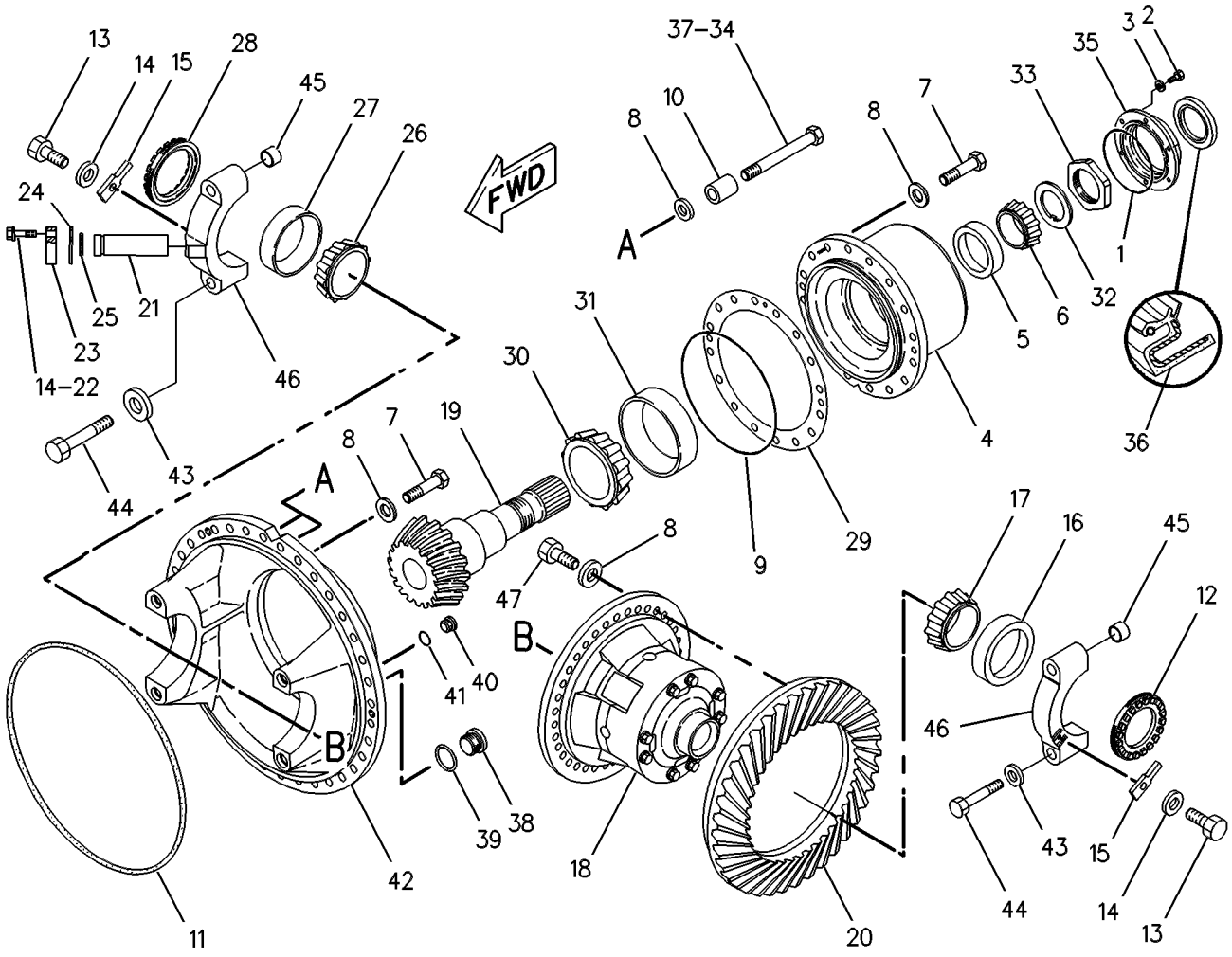
PART OF 8R-5470 AXLE AR-FIXED

SMCS-3258 **i01229174**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8F-6230**	1	SEAL-O-RING (228.19MM ID)	
	2	1	**034-3557**	6	BOLT-LOCKING (3/8-16X1.125IN)	
	3	1	**5M-2894**	6	WASHER (2.5MM THK)	
	4	1	**101-0365**	1	HOUSING-PINION	
	5	1	**5P-7843**	1	CUP-ROLLER BEARING	
	6	1	**8F-1610**	1	CONE-ROLLER BEARING	
	7	1	**1D-4626**	54	BOLT (7/8-9X2.75IN)	
	8	1	**5P-8249**	92	WASHER-HARD (4.0MM THK)	
	9	1	**2M-3340**	1	SEAL-O-RING (380.36MM ID)	
B	10	1	**1V-7750**	2	SPACER	
	11	1	**2D-6506**	1	SEAL-O-RING (736.60MM ID)	
	12	1	**6W-8399**	1	NUT-ADJUSTMENT	
	13	1	**5K-8454**	2	BOLT (1/2-13X1.12 IN)	
	14	1	**5P-8245**	6	WASHER-HARD (3MM THK)	
	15	1	**9K-4454**	2	LOCK	
	16	1	**1M-6573**	1	CUP-ROLLER BEARING (204.793MM ID)	
	17	1	**9M-2744**	1	CONE-ROLLER BEARING (139.70MM ID)	
Y	18	1	**120-0550**	1	DIFFERENTIAL GP	271
	19	1	**100-7417**	1	SHAFT-BEVEL PINION	
	20	1	**100-7418**	1	GEAR-BEVEL (53 TEETH)	
	21	1	**6W-8401**	1	PIN	
	22	1	**0S-1587**	4	BOLT (1/2-13X1.75IN)	
	23	1	**5V-5670**	1	COVER	
B	24	1	**5V-5669**	1	SHIM PACK (INCLUDES 15 SHIMS)	
	25	1	**2H-3932**	1	SEAL (28.17MM ID)	
	26	1	**126-8181**	1	CONE-ROLLER BEARING (152.40MM ID)	
	27	1	**126-8182**	1	CUP-ROLLER BEARING (236.38MM ID)	
	28	1	**6W-8400**	1	NUT-ADJUSTMENT	
B	29	1	**1V-2718**	1	SHIM PACK (INCLUDES 20 SHIMS)	
	30	1	**5P-8043**	1	CONE-ROLLER BEARING	
	31	1	**5P-8044**	1	CUP-ROLLER BEARING	
	32	1	**141-8570**	1	WASHER	
	33	1	**9C-5276**	1	NUT-STAKE	
B	34	1	**9S-1351**	2	BOLT (7/8-9X5IN)	
C	35	1	**138-1843**	1	RETAINER	
C	36	1	**133-4296**	1	SEAL-LIP TYPE (127.00MM ID)	
B	37	1	**1D-4626**	2	BOLT (7/8-9X2.75IN)	
	38	1	**9S-9334**	2	PLUG (1 5/16-12 THD)	
	39	1	**7M-8485**	2	SEAL-O-RING (29.74MM ID)	
	40	1	**9S-8004**	1	PLUG-O-RING (9/16-18 THD)	
	41	1	**3J-1907**	1	SEAL-O-RING (11.89MM ID)	
	42	1	**119-6019**	1	CARRIER AS-DIFFERENTIAL	
	43	1	**4K-0684**	4	WASHER-HARD (6MM THK)	
	44	1	**6V-2624**	4	BOLT (1 1/4-7X7IN)	
	45	1	**7V-9514**	4	SLEEVE	
Z	46	1			CAP	
	47	1	**6F-7035**	36	BOLT (7/8-14X2.25IN)	

B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION
Z-NOT SERVICED SEPARATELY

121-4658 DIFFERENTIAL & BEVEL GEAR GP *(contd.)* i01229174



GRAPHIC #1 g00122696

154-6383 DIFFERENTIAL & BEVEL GEAR GP

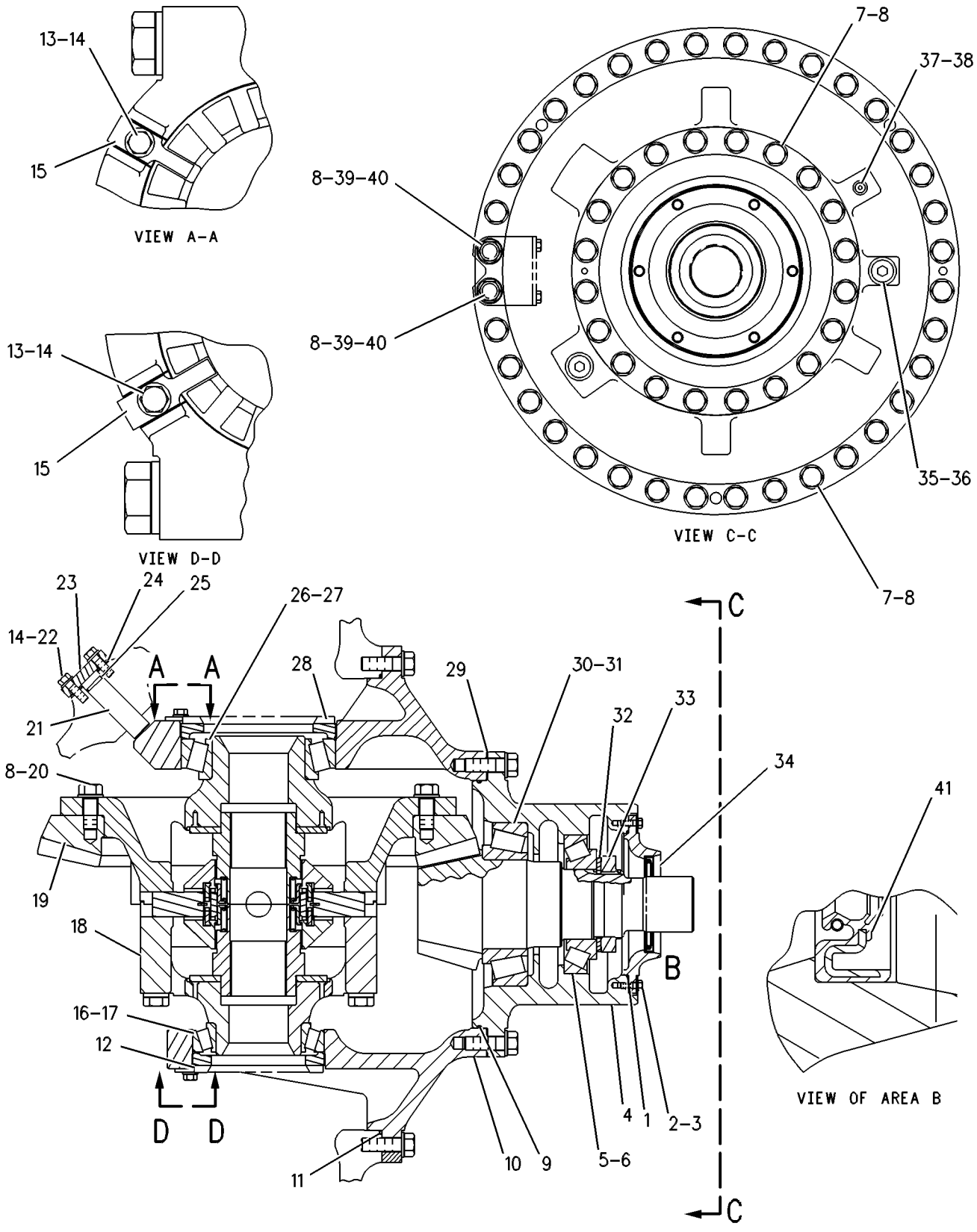
PIN 2KZ1-UP

PART OF 154-6380 AXLE AR-OSCILLATING

SMCS-3258 **i00767402**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8F-6230**	1	SEAL-O-RING	
	2	1	**034-3557**	6	BOLT-LOCKING (3/8-16X1.125IN)	
	3	1	**5M-2894**	6	WASHER (2.5MM THK)	
	4	1	**101-0365**	1	HOUSING-PINION	
	5	1	**5P-7843**	1	CUP-ROLLER BEARING	
	6	1	**124-9536**	1	CONE-TAPERED	
	7	1	**1D-4626**	54	BOLT (7/8-9X2.75IN)	
	8	1	**5P-8249**	92	WASHER (4.0MM THK)	
	9	1	**2M-3340**	1	SEAL-O-RING (380.36MM ID)	
	10	1	**119-6019**	1	CARRIER AS-DIFFERENTIAL	
		1	**4K-0684**	4	WASHER-HARD (6MM THK)	
		1	**6V-2624**	4	BOLT (1 1/4-7X7IN)	
		1	**7V-9514**	4	SLEEVE	
	11	1	**2D-6506**	1	SEAL-O-RING	
	12	1	**6W-8399**	1	NUT-ADJUSTMENT	
	13	1	**5K-8454**	2	BOLT (1/2-13X1.12IN)	
	14	1	**5P-8245**	6	WASHER (3MM THK)	
	15	1	**9K-4454**	2	LOCK	
	16	1	**1M-6573**	1	CUP-ROLLER BEARING	
	17	1	**9M-2744**	1	CONE-ROLLER BEARING	
Y	18	1	**154-6384**	1	DIFFERENTIAL GP-NOSPIN	273
	19	1	**126-7967**	1	GEAR SET-BEVEL	
		1	**100-7417**	1	SHAFT-BEVEL PINION	
		1	**100-7418**	1	GEAR-BEVEL (53 TEETH)	
	20	1	**6F-7035**	36	BOLT (7/8-14X2.25IN)	
	21	1	**6W-8401**	1	PIN	
	22	1	**0S-1587**	4	BOLT (1/2-13X1.75IN)	
	23	1	**5V-5670**	1	COVER	
B	24	1	**5V-5669**	1	SHIM PACK (INCLUDES 15 SHIMS)	
	25	1	**2H-3932**	1	SEAL (28.17MM ID)	
	26	1	**126-8181**	1	CONE-ROLLER BEARING	
	27	1	**126-8182**	1	CUP-ROLLER BEARING	
	28	1	**6W-8400**	1	NUT-ADJUSTMENT	
B	29	1	**1V-2718**	1	SHIM PACK (INCLUDES 20 SHIMS)	
	30	1	**5P-8043**	1	CONE-ROLLER BEARING	
	31	1	**5P-8044**	1	CUP-ROLLER BEARING	
	32	1	**141-8570**	1	WASHER	
	33	1	**9C-5276**	1	NUT-STAKE	
	34	1	**138-1843**	1	RETAINER	
	35	1	**9S-9334**	2	PLUG (1 5/16-12 THD)	
	36	1	**7M-8485**	2	SEAL-O-RING (29.74MM ID)	
	37	1	**9S-8004**	1	PLUG-O-RING (9/16-18 THD)	
	38	1	**3J-1907**	1	SEAL-O-RING (11.89MM ID)	
	39	1	**1V-7750**	2	SPACER	
	40	1	**9S-1351**	2	BOLT (7/8-9X5IN)	
	41	1	**133-4296**	1	SEAL-LIP TYPE	

B-USE AS REQUIRED
Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00345264

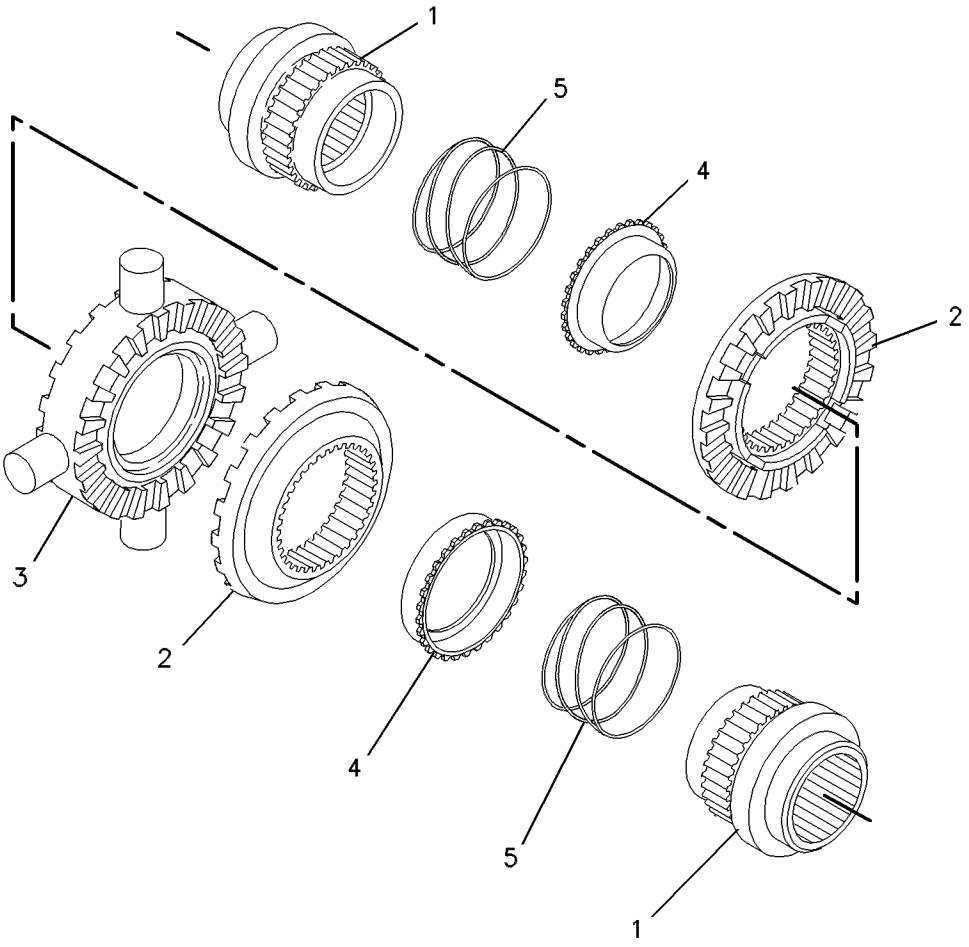
4V-8406 DIFFERENTIAL GP

PIN 2KZ1-302

PART OF 154-6384 DIFFERENTIAL GP-NOSPIN

SMCS-3258 **i00745057**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4V-8410**	2	GEAR-SIDE	
	2	1	**2G-3747**	2	CLUTCH AS	
	3	1	**2G-3687**	1	SPIDER AS	
	4	1	**7D-4721**	2	RETAINER	
	5	1	**7D-4719**	2	SPRING	



GRAPHIC #1 g00349253

120-0550 DIFFERENTIAL GP

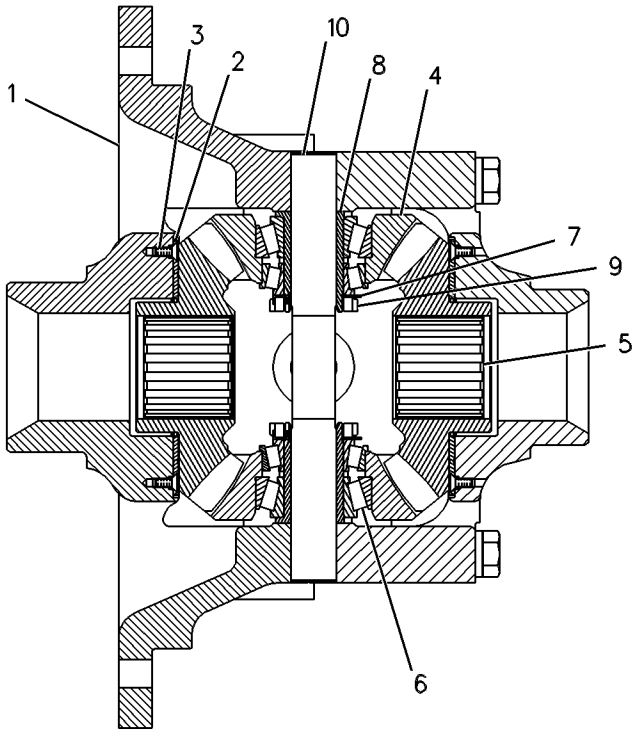
PIN 2KZ1-UP

PART OF 121-4658 DIFFERENTIAL & BEVEL GEAR GP

SMCS-3258 **i01197506**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**120-0551**	1	CASE AS-DIFFERENTIAL	
M		1	**6V-8198**	8	BOLT (M24X3.0X200MM)	
		1	**9H-1031**	8	WASHER-HARD (6.0MM THK)	
	2	1	**9U-3295**	2	WASHER-GEAR THRUST	
M	3	1	**8C-7562**	4	SCREW-FLAT HEAD (M8X1.25X20.0MM)	
	4	1	**5T-5185**	4	PINION	
	5	1	**6W-8259**	2	GEAR-DIFFERENTIAL BEVEL (20 TEETH)	
	6	1	**4D-7534**	4	BEARING AS-ROLLER	
	7	1	**4D-7536**	4	LOCK-NUT	
	8	1	**9V-4373**	4	RETAINER	
	9	1	**2F-9064**	4	NUT (2-1/8-12 THD)	
	10	1	**9V-9840**	1	SPIDER	

M-METRIC PART



GRAPHIC #1 g00121430

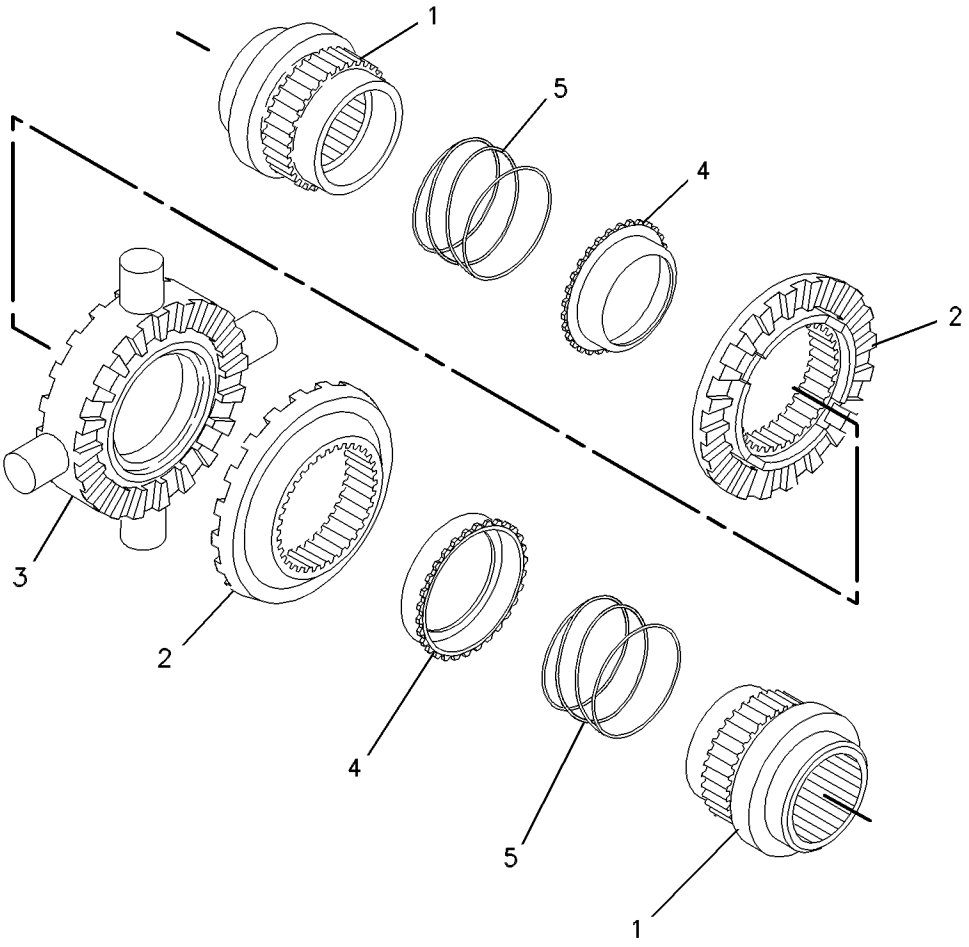
172-0973 DIFFERENTIAL GP

PIN 2KZ303-UP

PART OF 154-6384 DIFFERENTIAL GP-NOSPIN

SMCS-3258 **i01203495**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4V-8410**	2	GEAR-SIDE	
	2	1	**2G-3747**	2	CLUTCH AS	
	3	1	**171-5988**	1	SPIDER AS	
	4	1	**7D-4721**	2	RETAINER	
	5	1	**7D-4719**	2	SPRING	



GRAPHIC #1 g00349253

154-6384 DIFFERENTIAL GP-NOSPIN

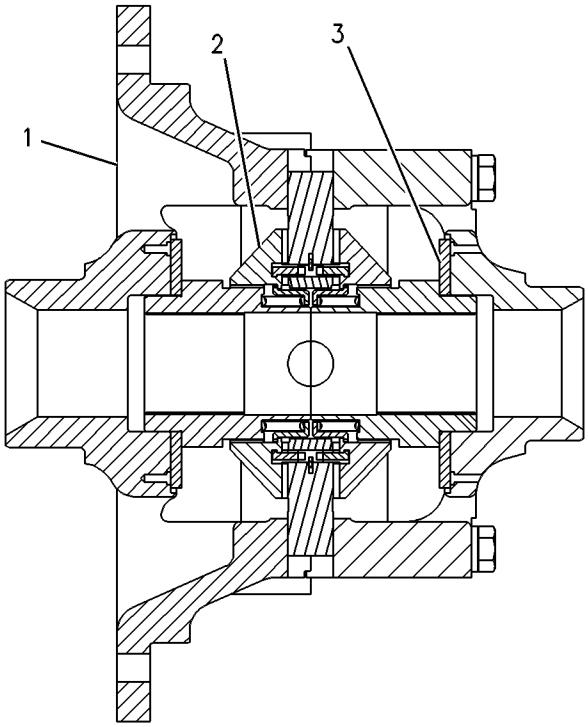
PIN 2KZ1-302

PART OF 154-6383 DIFFERENTIAL & BEVEL GEAR GP

SMCS-3265 **i00759170**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**120-0551**	1	CASE AS-DIFFERENTIAL	
M		1	**6V-8198**	8	BOLT (M24X3.0X200MM)	
		1	**9H-1031**	8	WASHER-HARD (6.0MM THK)	
Y	2	1	*4V-8406*	1	DIFFERENTIAL GP	270
	3	1	**2Q-7430**	2	WASHER	

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00343690

154-6384 DIFFERENTIAL GP-NOSPIN

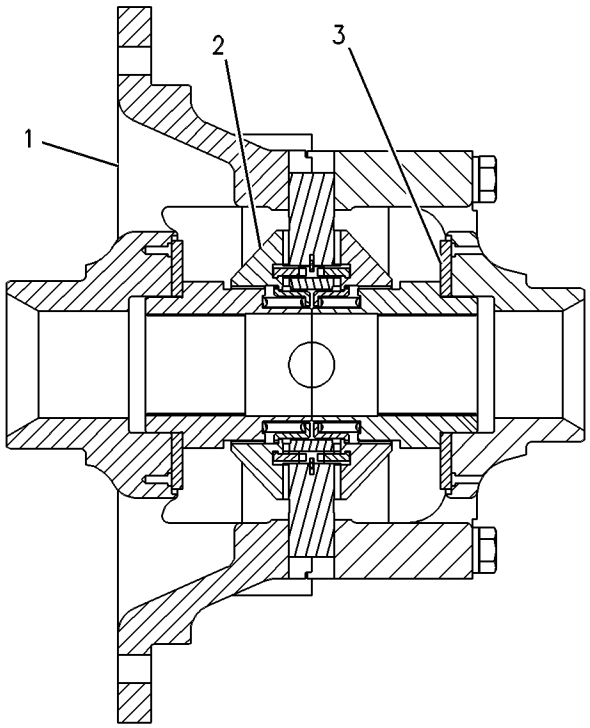
PIN 2KZ303-UP

PART OF 154-6383 DIFFERENTIAL & BEVEL GEAR GP

SMCS-3265 **i01203491**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**120-0551**	1	CASE AS-DIFFERENTIAL	
M		1	**6V-8198**	8	BOLT (M24X3.0X200MM)	
		1	**9H-1031**	8	WASHER-HARD (6.0MM THK)	
CY	2	1	**172-0973**	1	DIFFERENTIAL GP	272
C	3	1	**180-8700**	2	WASHER	

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



GRAPHIC #1 g00343690

MEMORANDA

8R-5682 FILLER GP-POWER TRAIN OIL

PIN 2KZ1-UP

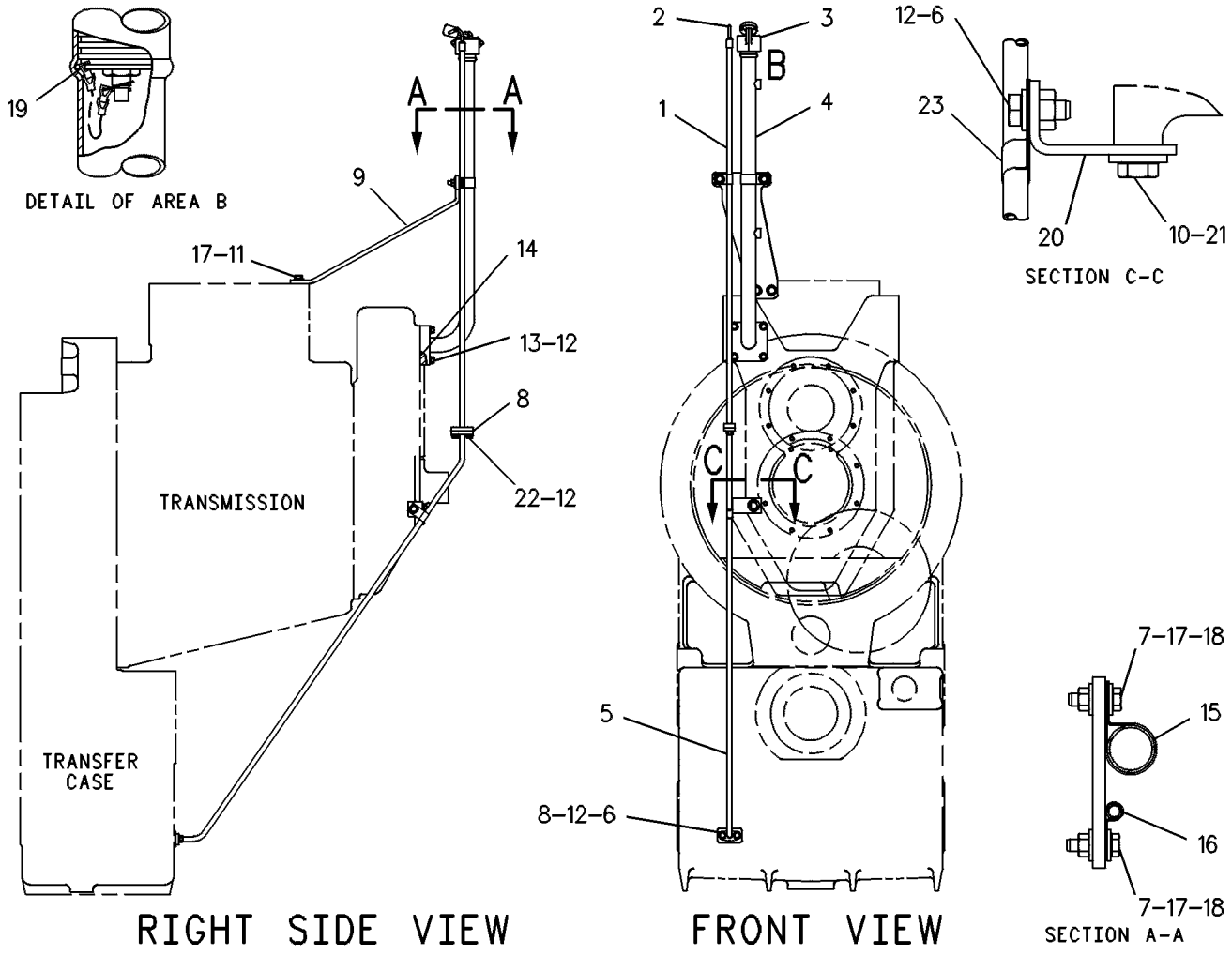
PART OF 154-3161 POWER TRAIN AR

SMCS-3005, 3081 **i00678864**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-6665**	1	TUBE AS	
	2	1	**4E-6645**	1	GAUGE AS-OIL LEVEL (DIPSTICK) (TRANSMISSION)	
Y	3	1	*1N-4296*	1	PROTECTION GP-OIL FILLER CAP	674
	4	1	**4E-6630**	1	TUBE AS	
	5	1	**4E-6667**	1	TUBE AS	
M	6	1	**8T-4136**	3	BOLT (M10X1.50X25MM)	
M	7	1	**8T-4196**	2	BOLT (M10X1.50X35MM)	
	8	1	**1S-6595**	2	GASKET	
	9	1	**4E-6663**	1	BRACKET-SUPPORT	
M	10	1	**8T-4192**	1	BOLT (M12X1.75X25MM)	
	11	1	**0S-1588**	2	BOLT (3/8-16X1.25IN)	
	12	1	**8T-4121**	9	WASHER (2.5MM THK)	
M	13	1	**8T-4182**	4	BOLT (M10X1.5X45MM)	
	14	1	**1H-9696**	1	SEAL-O-RING (44.0MM ID)	
	15	1	**4D-2886**	1	CLIP (38.1MM ID)	
	16	1	**1B-3057**	1	CLIP (12.7MM ID)	
	17	1	**7X-7729**	6	WASHER (3MM THK)	
M	18	1	**8T-4133**	2	NUT (M10X1.50 THD)	
	19	1	**7S-1801**	1	ANCHOR-CHAIN	
	20	1	**4E-6670**	1	ANGLE AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5 THD)	
	21	1	**5P-1076**	1	WASHER-HARD (4MM THK)	
M	22	1	**8T-4137**	2	BOLT (M10X1.50X20MM)	
	23	1	**7B-1598**	1	CLIP (12.7MM ID)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION

8R-5682 **FILLER GP-POWER TRAIN OIL** ***(contd.)*** **i00678864**



GRAPHIC #1

g00120112

8E-6614 FILTER GP-OIL—POWER TRAIN

PIN 2KZ1-UP

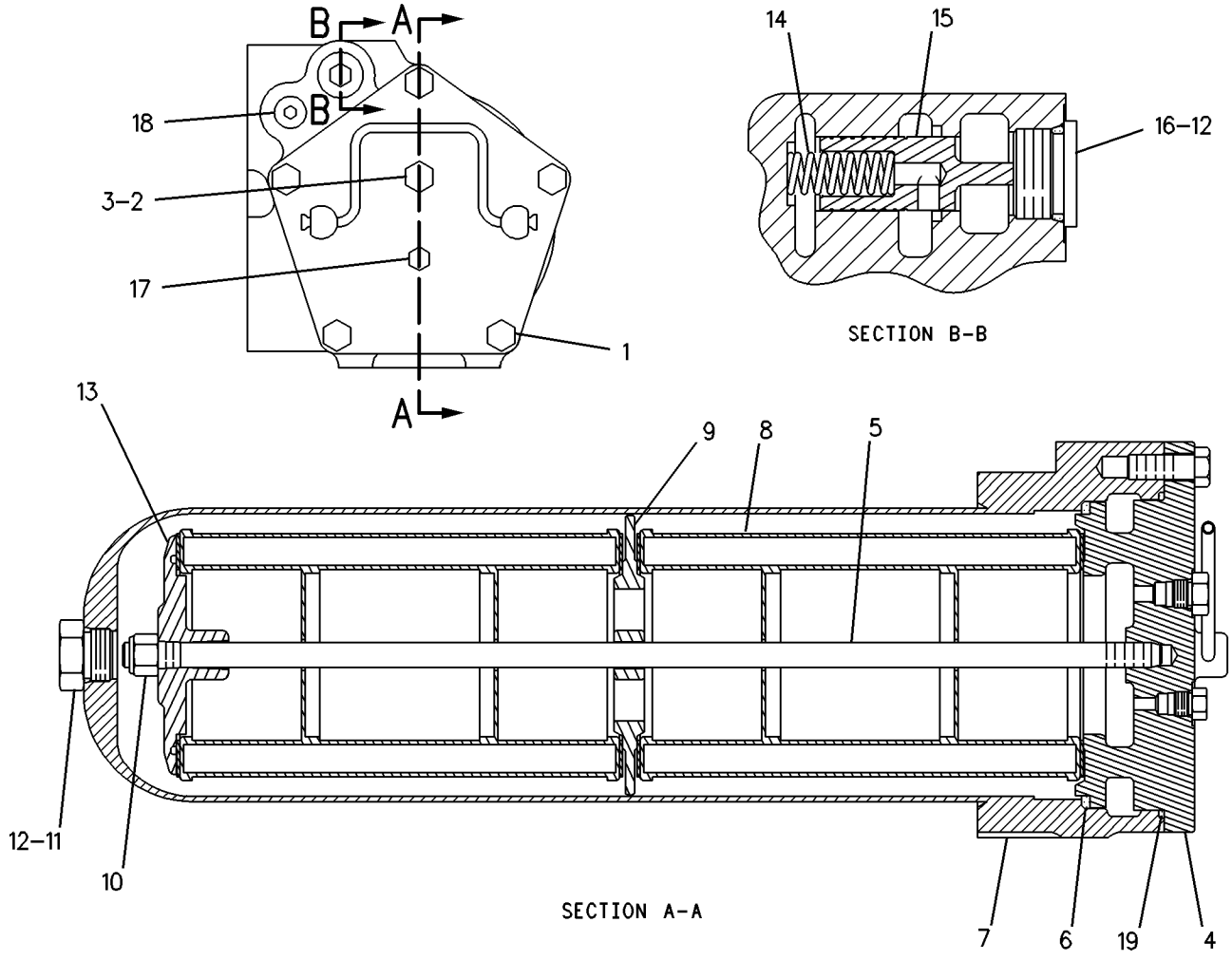
PART OF 8R-5683 LINES GP-POWER TRAIN OIL

SMCS-3004, 3067 **i00662122**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**8T-4956**	5	BOLT (M12X1.75X35MM)	
	2	1	**9S-4191**	1	PLUG-O-RING (9/16-18 THD)	
	3	1	**3J-1907**	1	SEAL-O-RING (11.89MM ID)	
	4	1	**8E-7683**	1	COVER AS	
	5	1	**8S-4784**	1	STUD-TAPERLOCK	
	6	1	**6D-9157**	1	SEAL-O-RING (142.24MM ID)	
	7	1	**8E-6613**	1	HOUSING AS-FILTER	
	8	1	**139-1534**	2	ELEMENT-FILTER	
	9	1	**8S-4781**	1	RETAINER	
	10	1	**2H-3788**	1	LOCKNUT (1/2-13 THD)	
	11	1	**9S-4183**	1	PLUG (1 1/16-12 THD)	
	12	1	**3D-2824**	2	SEAL-O-RING (23.47MM ID)	
	13	1	**3S-9847**	1	RETAINER	
	14	1	**9M-1986**	1	SPRING	
	15	1	**3T-0688**	1	SPOOL	
	16	1	**9S-8008**	1	PLUG-O-RING (1 1/16-12 THD)	
	17	1	**9S-4182**	1	PLUG (7/16-20 THD)	
		1	**3J-7354**	1	SEAL-O-RING (8.92MM ID)	
	18	1	**9S-8005**	1	PLUG-O-RING (3/4-16 THD)	
		1	**3K-0360**	1	SEAL-O-RING (16.36MM ID)	
	19	1	**2K-4472**	1	SEAL-O-RING (158.34MM ID)	

M-METRIC PART

8E-6614 **FILTER GP-OIL** ***(contd.)*** **i00662122**



GRAPHIC #1

g00105994

6Y-6975 GEAR & CASE GP-OUTPUT TRANSFER

S/N 9XE900-1013
WITHOUT PINION
PART OF 6Y-6971 TRANSMISSION AR

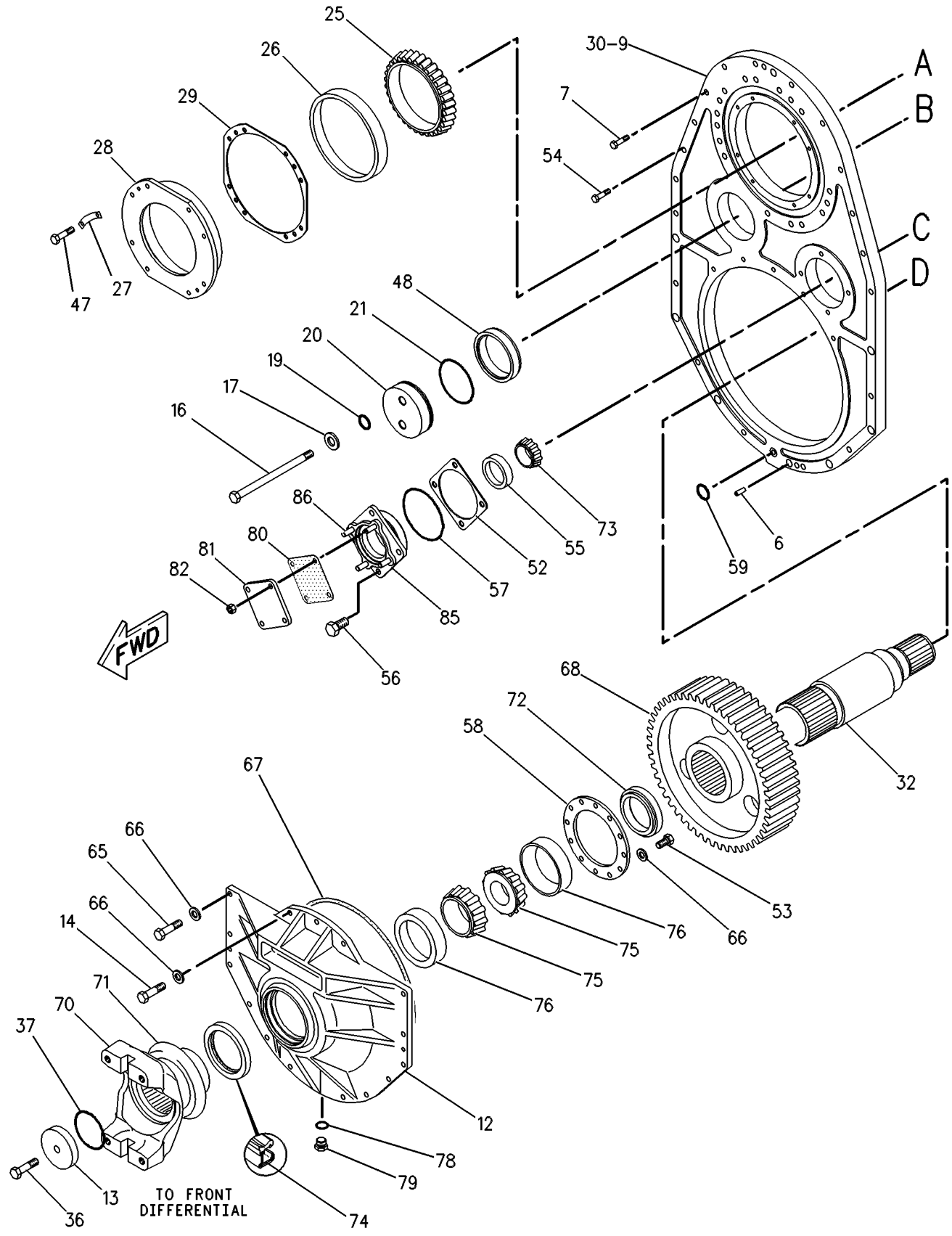
SMCS-3002, 3075, 3159 **i01129285**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**8E-5120**	1	CASE AS	
	2	2	**5M-2894**	1	WASHER (2.5MM THK)	
	3	2	**5K-9107**	1	BOLT-LOCKING (3/8-16X0.75IN)	
	4	2	**2S-7010**	1	CLIP	
	5	2	**7M-5839**	1	PLUG-CUP (17.78MM ID)	
	6	1	**8M-8659**	2	DOWEL	
	7	1	**1A-1460**	5	BOLT (1/2-13X2IN)	
	8	2	**8E-5119**	1	TUBE	
Z	9	1			COVER-TRANSFER GEAR	
	10	2	**6I-8055**	1	TUBE	
	11	2	**6I-8491**	1	TUBE	
C	12	1	**140-7448**	1	CAGE-BEARING	
	13	1,2	**2V-2076**	2	RETAINER	
	14	1,2	**0S-1585**	11	BOLT (1/2-13X1.50IN)	
	15	2	**2P-1373**	2	CUP-ROLLER BEARING	
	16	1	**8F-4225**	2	BOLT (3/4-10X10IN)	
	17	1	**5P-8248**	2	WASHER-HARD (3.5MM THK)	
	18	2	**114-9114**	1	SHAFT-IDLER	
	19	1	**8M-8997**	2	SEAL-O-RING (18.77MM ID)	
	20	1	**8E-5055**	1	COVER-IDLER SHAFT	
	21	1	**5F-3999**	1	SEAL-O-RING (123.42MM ID)	
	22	2	**2P-1374**	2	CONE-ROLLER BEARING	
	23	2	**3E-3212**	1	RING-RETAINING	
	24	2	**8E-5052**	1	GEAR-IDLER (53 TEETH)	
	25	1,2	**1P-4696**	2	CONE-ROLLER BEARING	
	26	1,2	**1P-4695**	2	CUP-ROLLER BEARING	
	27	1	**5S-3618**	4	LOCK	
	28	1	**6P-3313**	1	CAGE-BEARING	
B	29	1	**6P-4213**	1	SHIM PACK (INCLS 15 SHIMS)	
B	30	1,2	**6V-6640**		SEALANT	
	31	2	**8E-5051**	1	GEAR-INPUT (52 TEETH)	
	32	1	**8E-5050**	1	SHAFT-TRANSFER	
	33	2	**8E-5070**	1	CAGE-BEARING	
	34	2	**5L-5772**	1	RACE & ROLLER AS	
	35	2	**5L-5773**	1	RACE-INNER	
	36	1,2	**1A-3103**	2	BOLT (3/4-16X3.75IN)	
	37	1,2	**4L-9564**	3	SEAL-O-RING (81.92MM ID)	
	38	2	**9X-8875**	4	BOLT (1/2-13X3.5IN)	
	39	2	**8E-5121**	1	HOUSING-SCREEN	
	40	2	**9W-5531**	1	TUBE AS-SCREEN	
	41	2	**3S-3875**	1	SCREEN-SUCTION	
	42	2	**5F-0149**	1	SEAL-O-RING (91.44MM ID)	
C	43	2	**5M-2894**	10	WASHER (2.5MM THK)	
	44	2	**6P-4903**	1	PLATE AS	
	45	2	**7S-2962**	1	WASHER-SPRING	
	46	2	**7B-3028**	2	SCREW-DRIVE (NO 4X3/16 IN)	
	47	1	**1A-2029**	8	BOLT (3/8-16X1.125IN)	
	48	1	**8E-5920**	1	LOCK SET	
	49	2	**8E-6744**	1	SPACER-CUP	
	50	2	**8E-6745**	1	SPACER-CONE	
	51	2	**8E-6678**	1	GEAR-PUMP (45 TEETH)	
B	52	1	**8E-6830**	1	SHIM PACK (INCLS 14 SHIMS)	
C	53	1	**0S-1587**	12	BOLT (1/2-13X1.75IN)	
	54	1	**1A-1460**	9	BOLT (1/2-13X2IN)	
	55	1,2	**7K-8876**	2	CUP-BEARING	

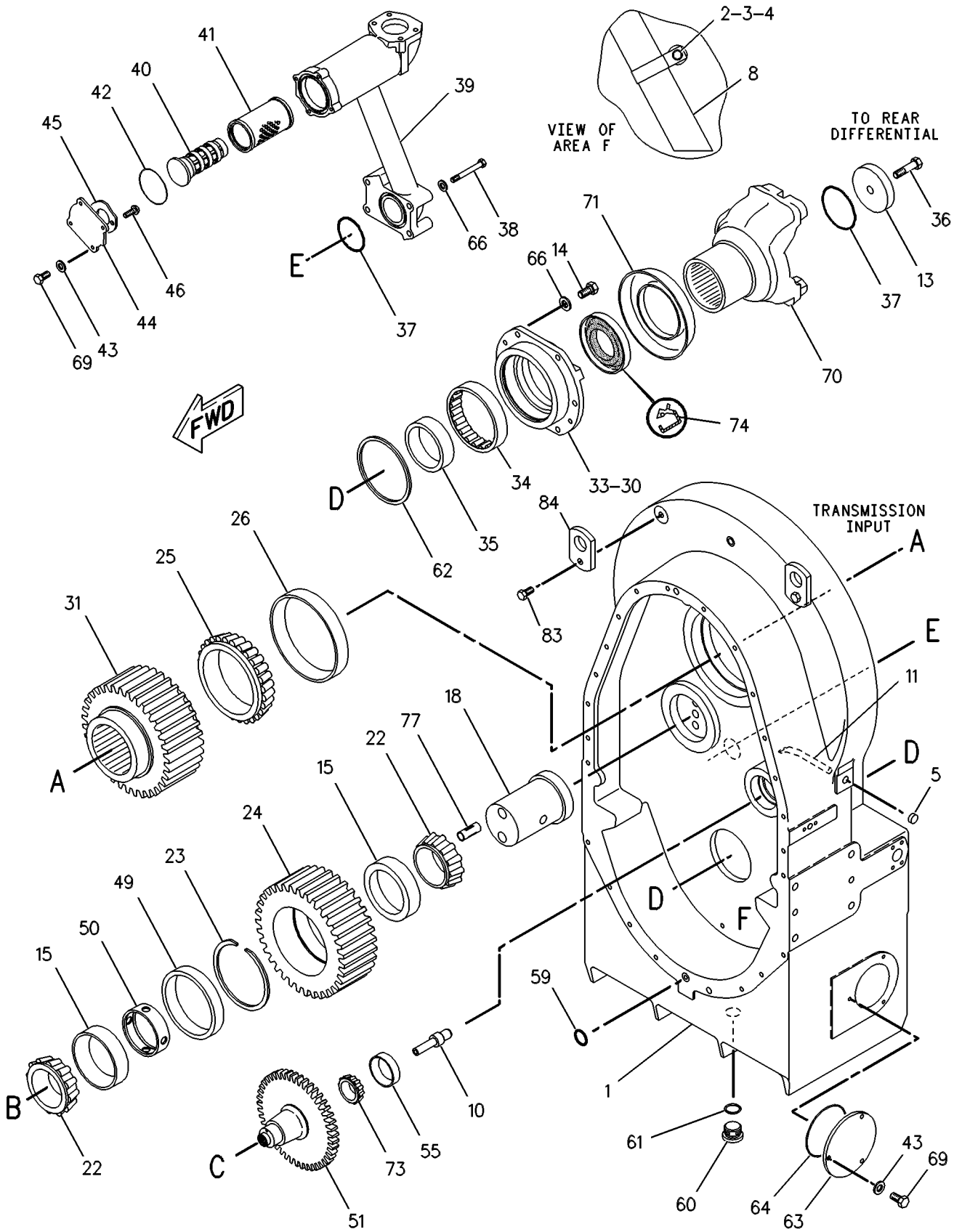
6Y-6975 GEAR & CASE GP-OUTPUT TRANSFER *(contd.)* i01129285

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	56	1	**0S-1595**	4	BOLT (1/2-13X1.25IN)	
	57	1	**5F-3144**	1	SEAL-O-RING (120.24MM ID)	
C	58	1	**140-7447**	1	RETAINER	
	59	1,2	**2J-0157**	2	SEAL-O-RING (15.47MM ID)	
	60	2	**4B-2363**	1	PLUG-DRAIN	
	61	2	**6F-4868**	1	GASKET	
	62	2	**5P-3603**	1	RING	
	63	2	**8S-0617**	2	COVER	
	64	2	**3F-5792**	2	SEAL-O-RING (129.77MM ID)	
	65	1	**7X-0326**	12	BOLT (1/2-13X3IN)	
C	66	1,2	**5P-8245**	39	WASHER-HARD (3MM THK)	
	67	1	**7X-1548**	1	SEAL	
	68	1	**8E-5056**	1	GEAR-OUTPUT (84 TEETH)	
	69	2	**0S-1594**	10	BOLT (3/8-16X1.0IN)	
	70	1,2	**172-6103**	2	YOKE AS	
					(EACH INCLUDES)	
	71	1,2	**4E-4887**	1	GUARD	
	72	1	**8E-7003**	1	SPACER	
	73	1,2	**7K-8877**	2	CONE-BEARING	
	74	1,2	**173-7715**	2	SEAL-LIP TYPE	
	75	1	**4M-1552**	2	CONE-ROLLER BEARING	
	76	1	**3F-5920**	2	CUP-ROLLER BEARING	
	77	2	**6I-9790**	4	DAMPER-BOLT	
	78	1	**3J-1907**	1	SEAL-O-RING (11.89MM ID)	
	79	1	**9S-4191**	1	PLUG-O-RING (9/16-18 THD)	
	80	1	**9U-3239**	1	GASKET	
	81	1	**9U-3238**	1	COVER	
M	82	1	**6V-8149**	4	NUT (M12X1.75 THD)	
	83	2	**0S-1566**	2	BOLT (5/8-11X1.5IN)	
	84	2	**6T-7061**	2	EYE-LIFTING	
	85	1	**8E-5641**	1	CAGE AS	
M	86	1	**141-9481**	4	STUD-TAPERLOCK	

B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
M-METRIC PART
Z-NOT SERVICED SEPARATELY



GRAPHIC #1 g00289844



GRAPHIC #2 g00121357

6Y-6975 GEAR & CASE GP-OUTPUT TRANSFER

S/N 9XE1014-UP
WITHOUT PINION
PART OF 6Y-6971 TRANSMISSION AR

SMCS-3002, 3075, 3159 **i01229175**

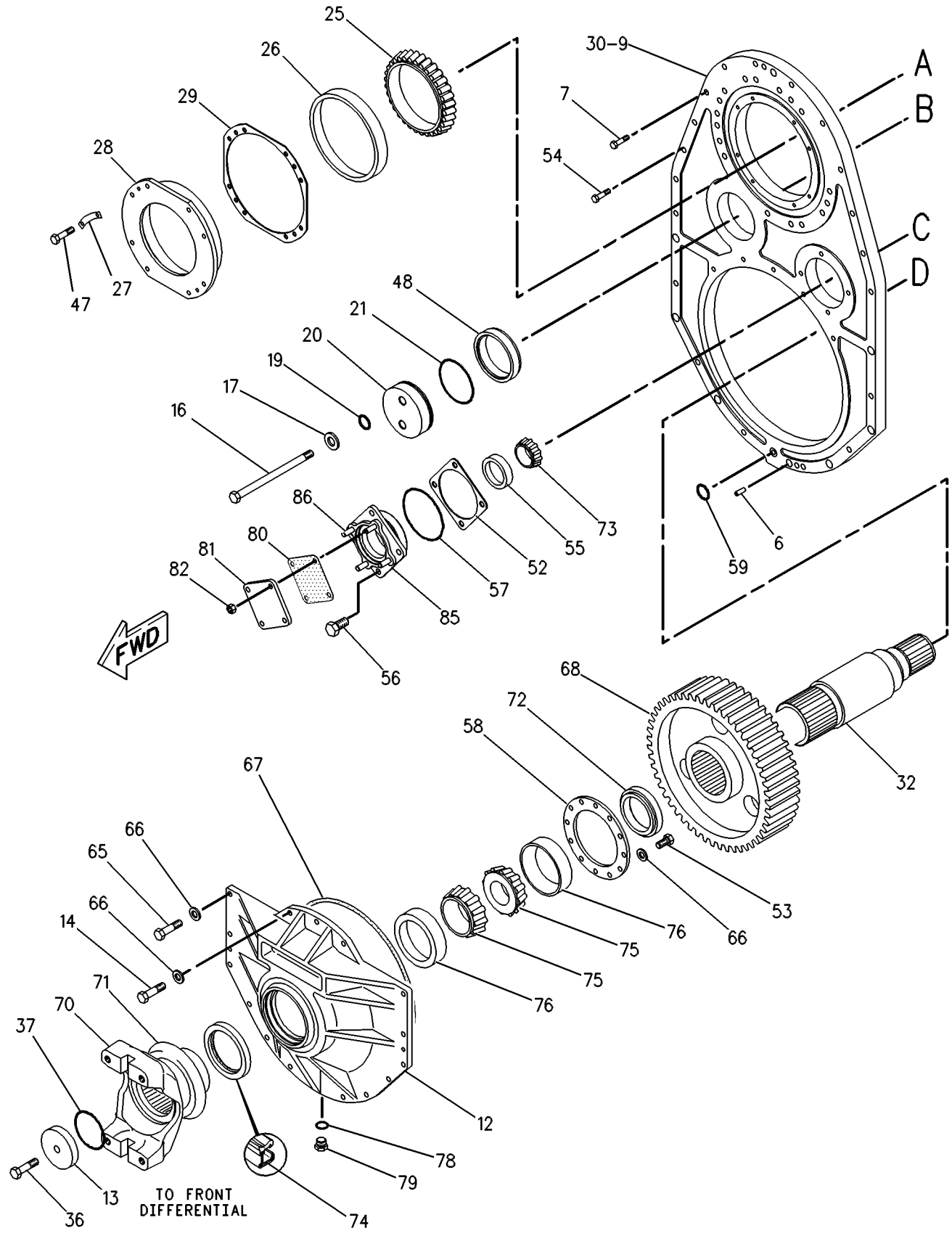
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**8E-5120**	1	CASE AS	
	2	2	**5M-2894**	1	WASHER (2.5MM THK)	
	3	2	**5K-9107**	1	BOLT-LOCKING (3/8-16X0.75IN)	
	4	2	**2S-7010**	1	CLIP	
	5	2	**7M-5839**	1	PLUG-CUP (17.78MM ID)	
	6	1	**8M-8659**	2	DOWEL	
	7	1	**1A-1460**	5	BOLT (1/2-13X2IN)	
	8	2	**8E-5119**	1	TUBE	
Z	9	1			COVER-TRANSFER GEAR	
	10	2	**6I-8055**	1	TUBE	
	11	2	**6I-8491**	1	TUBE	
C	12	1	**140-7448**	1	CAGE-BEARING	
	13	1,2	**2V-2076**	2	RETAINER	
	14	1,2	**0S-1585**	11	BOLT (1/2-13X1.50IN)	
	15	2	**174-1527**	1	BEARING AS	
	16	1	**8F-4225**	2	BOLT (3/4-10X10IN)	
	17	1	**5P-8248**	2	WASHER-HARD (3.5MM THK)	
	18	2	**114-9114**	1	SHAFT-IDLER	
	19	1	**8M-8997**	2	SEAL-O-RING (18.77MM ID)	
	20	1	**8E-5055**	1	COVER-IDLER SHAFT	
	21	1	**5F-3999**	1	SEAL-O-RING (123.42MM ID)	
	23	2	**3E-3212**	1	RING-RETAINING	
	24	2	**8E-5052**	1	GEAR-IDLER (53 TEETH)	
	25	1,2	**1P-4696**	2	CONE-ROLLER BEARING	
	26	1,2	**1P-4695**	2	CUP-ROLLER BEARING	
	27	1	**5S-3618**	4	LOCK	
	28	1	**6P-3313**	1	CAGE-BEARING	
B	29	1	**6P-4213**	1	SHIM PACK (INCLS 15 SHIMS)	
B	30	1,2	**6V-6640**		SEALANT	
	31	2	**8E-5051**	1	GEAR-INPUT (52 TEETH)	
	32	1	**8E-5050**	1	SHAFT-TRANSFER	
	33	2	**8E-5070**	1	CAGE-BEARING	
	34	2	**5L-5772**	1	RACE & ROLLER AS	
	35	2	**5L-5773**	1	RACE-INNER	
	36	1,2	**1A-3103**	2	BOLT (3/4-16X3.75IN)	
	37	1,2	**4L-9564**	3	SEAL-O-RING (81.92MM ID)	
	38	2	**9X-8875**	4	BOLT (1/2-13X3.5IN)	
	39	2	**8E-5121**	1	HOUSING-SCREEN	
	40	2	**9W-5531**	1	TUBE AS-MAGNETIC SCREEN	
	41	2	**3S-3875**	1	SCREEN-SUCTION	
	42	2	**5F-0149**	1	SEAL-O-RING (91.44MM ID)	
C	43	2	**5M-2894**	10	WASHER (2.5MM THK)	
	44	2	**6P-4903**	1	PLATE AS	
	45	2	**7S-2962**	1	WASHER-SPRING	
	46	2	**7B-3028**	2	SCREW-DRIVE (NO 4X3/16 IN)	
	47	1	**1A-2029**	8	BOLT (3/8-16X1.125IN)	
	48	1	**8E-5920**	1	LOCK SET	
	51	2	**8E-6678**	1	GEAR-PUMP (45 TEETH)	
B	52	1	**8E-6830**	1	SHIM PACK (INCLS 14 SHIMS)	
C	53	1	**0S-1587**	12	BOLT (1/2-13X1.75IN)	
	54	1	**1A-1460**	9	BOLT (1/2-13X2IN)	
	55	1,2	**7K-8876**	2	CUP-BEARING	
	56	1	**0S-1595**	4	BOLT (1/2-13X1.25IN)	
	57	1	**5F-3144**	1	SEAL-O-RING (120.24MM ID)	
C	58	1	**140-7447**	1	RETAINER	

6Y-6975 GEAR & CASE GP-OUTPUT TRANSFER *(contd.)* i01229175

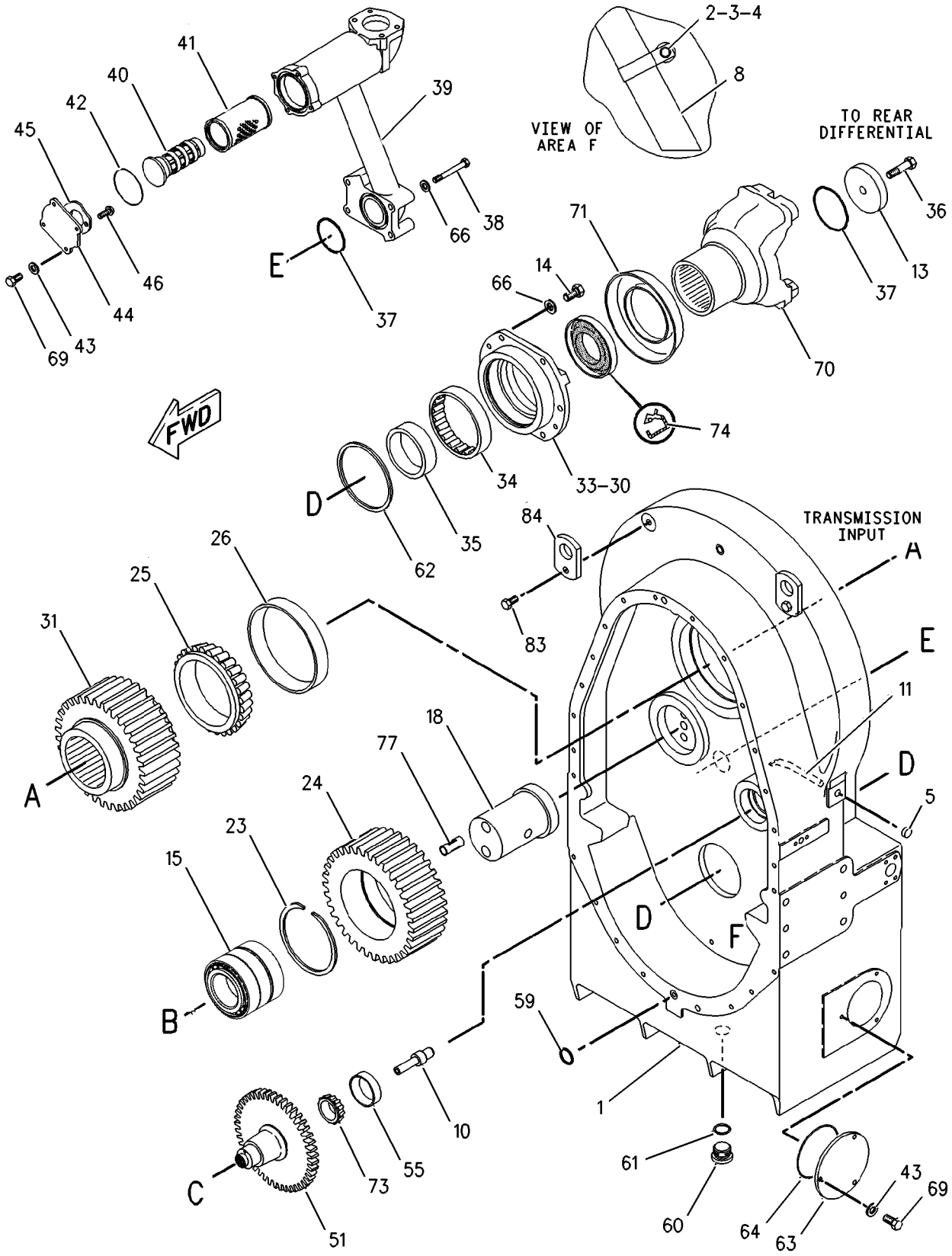
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	59	1,2	**2J-0157**	2	SEAL-O-RING (15.47MM ID)	
	60	2	**4B-2363**	1	PLUG-DRAIN (1-1/2-12 THD)	
	61	2	**6F-4868**	1	GASKET	
	62	2	**5P-3603**	1	RING	
	63	2	**8S-0617**	2	COVER	
	64	2	**3F-5792**	2	SEAL-O-RING (129.77MM ID)	
	65	1	**7X-0326**	12	BOLT (1/2-13X3IN)	
C	66	1,2	**5P-8245**	39	WASHER-HARD (3MM THK)	
	67	1	**7X-1548**	1	SEAL	
	68	1	**8E-5056**	1	GEAR-OUTPUT (84 TEETH)	
	69	2	**0S-1594**	10	BOLT (3/8-16X1 IN)	
	70	1,2	**172-6103**	2	YOKE AS	
					(EACH INCLUDES)	
	71	1,2	**4E-4887**	1	GUARD	
	72	1	**8E-7003**	1	SPACER	
	73	1,2	**7K-8877**	2	CONE-BEARING	
	74	1,2	**173-7715**	2	SEAL-LIP TYPE	
	75	1	**4M-1552**	2	CONE-ROLLER BEARING	
	76	1	**3F-5920**	2	CUP-ROLLER BEARING	
	77	2	**6I-9790**	4	DAMPER-BOLT	
	78	1	**3J-1907**	1	SEAL-O-RING (11.89MM ID)	
	79	1	**9S-4191**	1	PLUG-O-RING (9/16-18 THD)	
	80	1	**9U-3239**	1	GASKET	
	81	1	**9U-3238**	1	COVER	
M	82	1	**6V-8149**	4	NUT (M12X1.75 THD)	
	83	2	**0S-1566**	2	BOLT (5/8-11X1.5IN)	
	84	2	**6T-7061**	2	EYE-LIFTING	
	85	1	**8E-5641**	1	CAGE AS	
M	86	1	**141-9481**	4	STUD-TAPERLOCK	

B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
M-METRIC PART
Z-NOT SERVICED SEPARATELY

6Y-6975 **GEAR & CASE GP-OUTPUT TRANSFER** *(contd.)* **i01229175**



GRAPHIC #1 g00289844



GRAPHIC #2 g00626152

6Y-6974 GEAR GP-INPUT TRANSFER

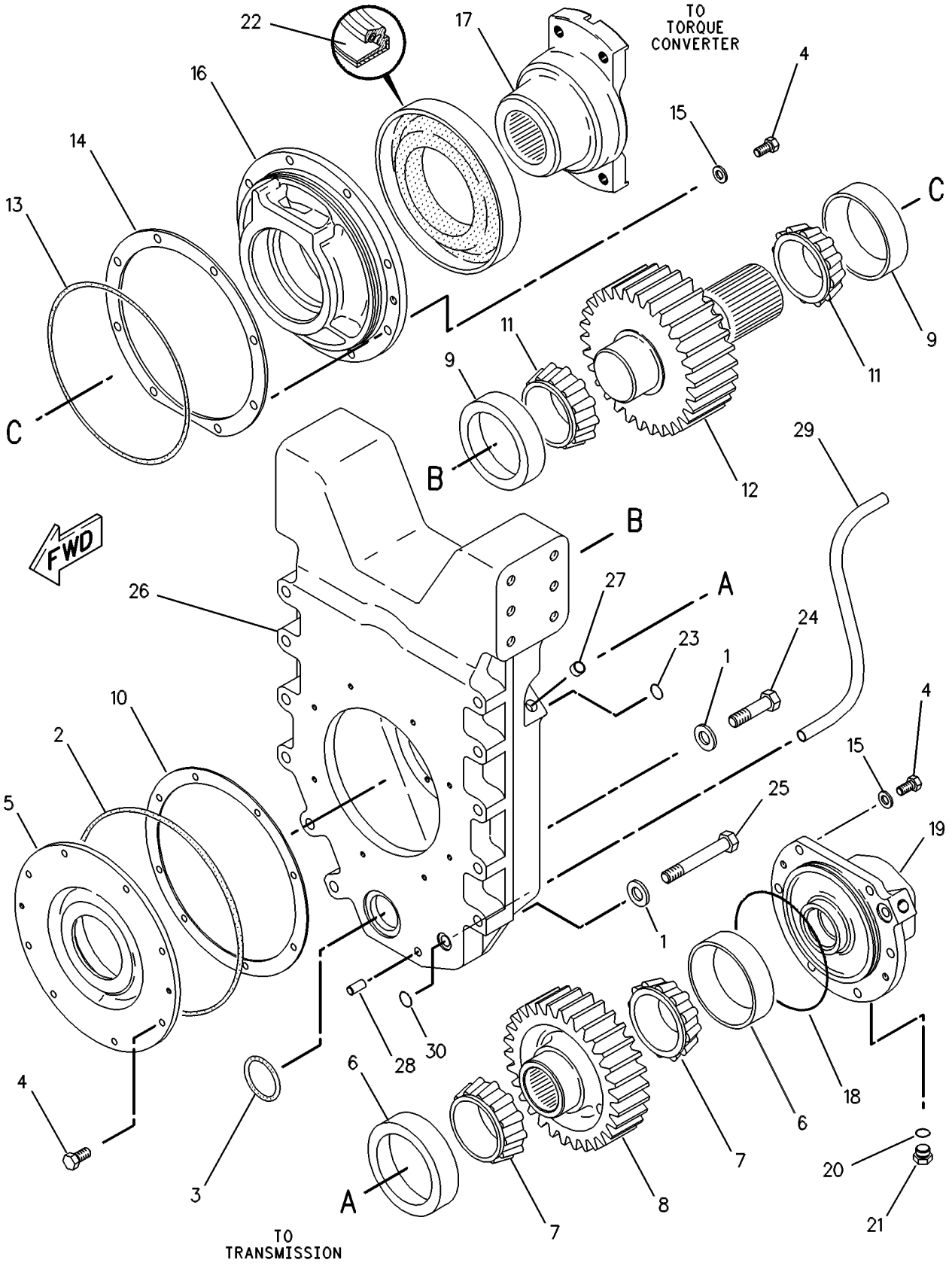
S/N 9XE900-UP

PART OF 6Y-6971 TRANSMISSION AR

SMCS-3159 **i01146941**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**5P-8247**	12	WASHER-HARD (3.5MM THK)	
	2	1	**7S-8554**	1	SEAL-O-RING (329.56MM ID)	
	3	1	**9M-7539**	1	SEAL (69.44MM ID)	
	4	1	**1A-2029**	22	BOLT (3/8-16X1.125IN)	
	5	1	**8E-5067**	1	CAGE-BEARING	
	6	1	**1P-4693**	2	CUP-ROLLER BEARING	
	7	1	**1P-4694**	2	CONE-ROLLER BEARING	
	8	1	**9U-8399**	1	GEAR-OUTPUT (52 TEETH)	
	9	1	**6H-3568**	2	CUP-BEARING	
B	10	1	**128-1546**	1	SHIM PACK (INCLUDES 12 SHIMS)	
	11	1	**7K-0394**	2	CONE-ROLLER BEARING	
	12	1	**9U-8398**	1	GEAR-INPUT (41 TEETH)	
	13	1	**9M-5024**	1	SEAL-O-RING (209.14MM ID)	
B	14	1	**8E-7132**	1	SHIM PACK (INCLUDES 12 SHIMS)	
	15	1	**5M-2894**	14	WASHER (2.5MM THK)	
	16	1	**8E-5066**	1	CAGE-BEARING	
	17	1	**162-9968**	1	YOKE AS	
		1	**2H-3934**	1	SEAL (98.02MM ID)	
		1	**8K-2692**	1	RING-RETAINING	
	18	1	**4S-5898**	1	SEAL-O-RING (126.59MM ID)	
	19	1	**8E-7104**	1	MANIFOLD AS	
		1	**4B-9782**	1	BALL (9.52MM DIA)	
	20	1	**3J-1907**	1	SEAL-O-RING (11.89MM ID)	
	21	1	**9S-4191**	1	PLUG-O-RING (9/16-18 THD)	
	22	1	**8C-3075**	1	SEAL-LIP	
	23	1	**8M-8282**	1	SEAL-O-RING	
	24	1	**1B-4367**	11	BOLT (5/8-11X3IN)	
	25	1	**1D-4595**	1	BOLT (5/8-11X6IN)	
	26	1	**8E-7188**	1	CASE AS-INPUT TRANSFER	
	27	1	**7M-5839**	2	PLUG-CUP (17.78MM ID)	
	28	1	**9M-4007**	1	DOWEL	
	29	1	**6I-8489**	1	TUBE	
	30	1	**3B-8453**	1	SEAL-O-RING (18.42MM ID)	

B-USE AS REQUIRED



GRAPHIC #1 g00121123

8R-5683 LINES GP-POWER TRAIN OIL

PIN 2KZ1-UP

PART OF 154-3161 POWER TRAIN AR

SMCS-3016 **i01243460**

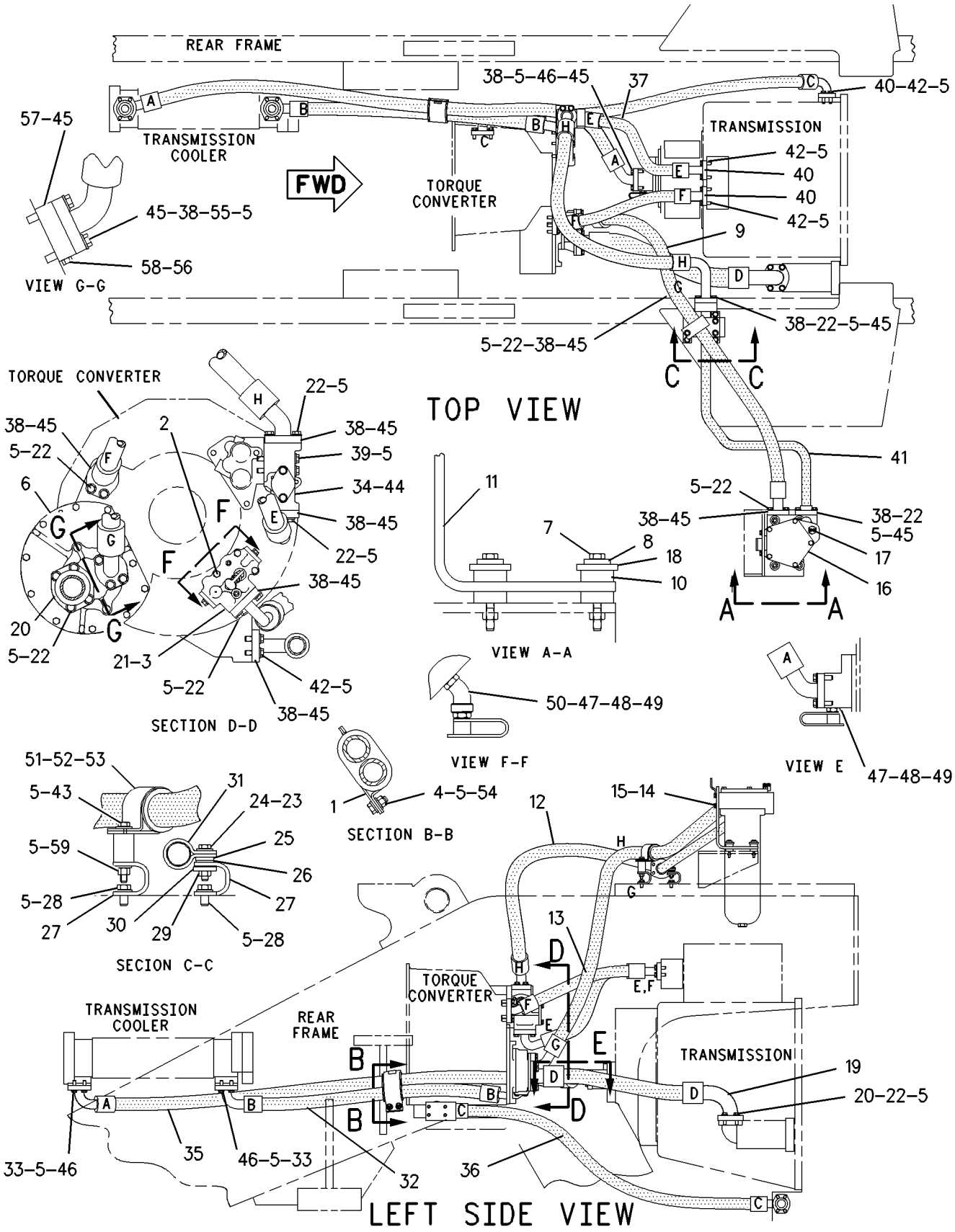
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7G-3413**	1	CLIP (SLOT)	
		1	**7G-3414**	1	CLIP (TAB)	
		1	**6V-1324**	1	GROMMET	
M	2	1	**8T-4178**	3	BOLT (M10X1.5X90MM)	
Y	3	1	**104-5013**	1	VALVE GP-RELIEF (TORQUE CONVERTER OUTLET)	331
M	4	1	**8T-4139**	2	BOLT (M12X1.75X30MM)	
C	5	1	**8T-4223**	86	WASHER-HARD (3MM THK)	
Y	6	1	*6Y-6977*	1	PUMP GP-TRANSMISSION	304
M	7	1	**8T-6870**	4	BOLT (M8X1.25X70MM)	
	8	1	**7X-0613**	4	WASHER-HARD (5MM THK)	
CI	9	1	**149-2512**	1	HOSE AS	
	10	1	**9D-7924**	4	MOUNTING	
	11	1	**104-2072**	1	BRACKET AS	
I	12	1	**4E-6618**	1	HOSE AS	
I	13	1	**4E-6616**	1	HOSE AS	
M	14	1	**8T-4195**	4	BOLT (M10X1.50X30MM)	
	15	1	**8T-4121**	4	WASHER-HARD (2.5MM THK)	
Y	16	1	*8E-6614*	1	FILTER GP-OIL (POWER TRAIN)	278
		1	**3D-2824**	1	SEAL-O-RING (23.47MM ID)	
Y	17	1	**9X-7781**	1	SWITCH GP-BYPASS (POWER TRAIN FILTER)	210
	18	1	**6E-5102**	4	PLATE	
	19	1	**4E-6621**	1	HOSE AS	
	20	1	**1P-4584**	4	FLANGE-HALF	
		1	**6J-2680**	2	SEAL-O-RING (69.44MM ID)	
	21	1	**8M-4443**	1	SEAL (44.04MM ID)	
		1	**8M-8157**	1	SEAL (9.19MM ID)	
M	22	1	**8T-4184**	40	BOLT (M12X1.75X45MM)	
CM	23	1	**8T-4185**	2	BOLT (M10X1.5X50MM)	
C	24	1	**7X-7729**	2	WASHER (3MM THK)	
C	25	1	**8M-7145**	2	WASHER (5MM THK)	
C	26	1	**6N-8744**	2	MOUNT	
	27	1	**104-2078**	2	BRACKET	
M	28	1	**8T-4192**	4	BOLT (M12X1.75X25MM)	
CM	29	1	**8T-4133**	2	NUT (M10X1.50 THD)	
C	30	1	**7X-0632**	2	WASHER-HARD (6 MM THK)	
C	31	1	**8K-2665**	2	CLAMP-HALF	
I	32	1	**4E-6614**	1	HOSE AS	
	33	1	**1P-4582**	4	FLANGE-HALF	
		1	**4J-0527**	2	SEAL-O-RING (56.74MM ID)	
Y	34	1	**8E-8427**	1	VALVE GP-TORQUE CONV PRIORITY	337
I	35	1	**4E-6620**	1	HOSE AS	
I	36	1	**4E-6615**	1	HOSE AS	
I	37	1	**4E-6617**	1	HOSE AS	
	38	1	**1P-4579**	22	FLANGE-HALF	
M	39	1	**7X-2549**	4	BOLT (M12X1.75X100MM)	
	40	1	**6V-0397**	6	FLANGE-HALF	
		1	**4J-0522**	3	SEAL-O-RING (37.69MM ID)	
	41	1	**9U-1319**	1	TUBE AS	
M	42	1	**8T-4183**	16	BOLT (M12X1.75X40 MM)	
CM	43	1	**8T-4176**	1	BOLT (M12X1.75X90MM)	
	44	1	**8M-4986**	1	SEAL-O-RING (37.69MM ID)	
		1	**8M-5127**	1	SEAL-O-RING (10.77MM ID)	
	45	1	**4J-0524**	12	SEAL-O-RING (47.22MM ID)	
	46	1	**8T-8919**	12	BOLT (1/2-13X1.75IN)	
	47	1	**6V-3965**	2	FITTING AS	
	48	1	**3J-1907**	3	SEAL-O-RING (11.89MM ID)	

8R-5683 LINES GP-POWER TRAIN OIL *(contd.)*

i01243460

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	49	1	**6V-0852**	2	CAP-DUST	
	50	1	**6V-8077**	1	ELBOW-45 DEGREE (STRAIGHT THD)	
C	51	1	**5P-7703**	1	GROMMET	
C	52	1	**5P-7471**	1	CLIP (TAB)	
C	53	1	**5P-7470**	1	CLIP (SLOT)	
CM	54	1	**8T-4244**	2	NUT (M12X1.75 THD)	
M	55	1	**8T-4648**	4	BOLT (M12X1.75X70MM)	
	56	1	**9S-4182**	1	PLUG (7/16-20 THD)	
	57	1	**8R-0752**	1	ADAPTER	
	58	1	**6V-8397**	1	SEAL-O-RING (9.27MM ID)	
M	59	1	**6V-7687**	1	LOCKNUT (M12X1.75 THD)	

C-CHANGE FROM PREVIOUS TYPE
I-SEE HOSE FABRICATION GUIDE
M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00657309

MEMORANDA

9U-4979 LOCK GP-STIC CONTROL

PIN 2KZ1-UP

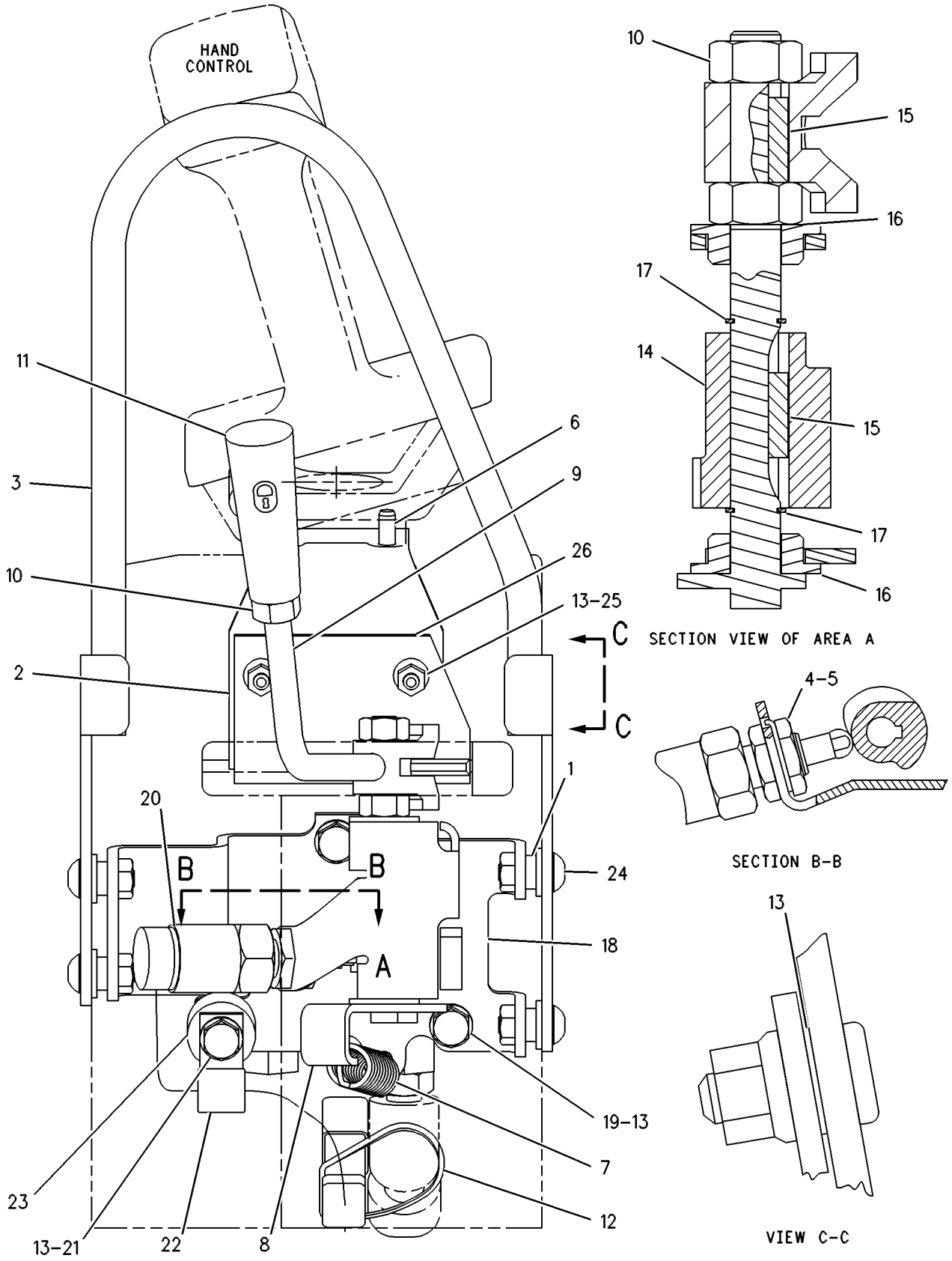
PART OF 153-3958 CAB AR

SMCS-3034 **i01246510**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9V-1820**	4	SPACER	
C	2	1	**145-8952**	1	PLATE AS	
	3	1	**9U-4765**	1	GUARD AS	
	4	1	**4L-7049**	2	NUT	
	5	1	**8T-8614**	1	LOCKRING	
M	6	1	**5C-9553**	2	BOLT (M6X1.0X16MM)	
	7	1	**8C-3442**	1	SPRING-COIL	
	8	1	**4E-8557**	1	SHAFT AS	
C	9	1	**144-7765**	1	LEVER AS	
M	10	1	**8T-4133**	3	NUT (M10X1.50 THD)	
	11	1	**4E-8705**	1	KNOB	
	12	1	**3S-2093**	1	STRAP-CABLE (1.75IN DIA)	
C	13	1	**8T-4224**	6	WASHER-HARD (8.8X16X2MM THK)	
	14	1	**4E-8561**	1	CAM	
	15	1	**4E-8560**	2	KEY-SQUARE	
	16	1	**151-6427**	2	BEARING	
	17	1	**6L-8598**	2	RING-RETAINING	
	18	1	**148-6530**	1	PLATE AS	
M		1	**6V-9632**	4	NUT-WELD (M6X1 THD)	
M	19	1	**6V-5220**	2	BOLT (M8X1.25X65MM)	
	20	1	**108-8160**	1	SWITCH AS-LIMIT (STIC CONTROL LOCK)	
		1	**3E-3377**	1	WEDGE-RECEPTACLE LOCK	
		1	**8T-8729**	4	PIN-CONNECTOR	
E		1	**9X-1386**		SLEEVE (19 CM)	
		1	**102-8804**	1	KIT-RECEPTACLE (4 PIN) (INCLUDES WEDGE)	
M	21	1	**8T-4177**	1	BOLT (M8X1.25X90MM)	
	22	1	**4D-7794**	1	CLIP (10.0MM ID)	
	23	1	**2V-4387**	1	SPACER (.91IN THK)	
M	24	1	**9X-2045**	4	SCREW-TRUSS HEAD (M6X1X20MM)	
CM	25	1	**5C-7261**	2	NUT (M8X1.25 THD)	
C	26	1	**145-8951**	1	PLATE AS	

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

9U-4979 **LOCK GP-STIC CONTROL** ***(contd.)*** **i01246510**



GRAPHIC #1 g00276694

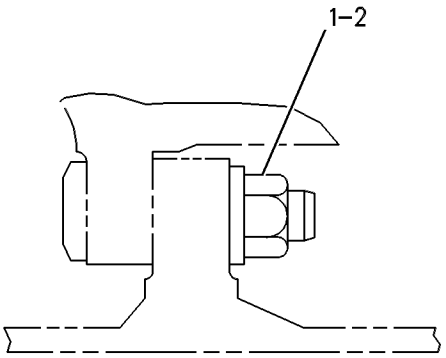
132-2068 MOUNTING GP-RIM

PIN 2KZ1-UP
PART OF 132-2067 RIM AR
ALSO AN ATTACHMENT

SMCS-4202, 4209 **i00191292**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6V-8237**	48	WASHER (4MM THK)	
M	2	1	**7X-0851**	48	NUT (M24X3.00 THD)	

M-METRIC PART



GRAPHIC #1 g00122075

MEMORANDA

6Y-6972 PLANETARY GP-TRANSMISSION

S/N 9XE900-UP

PART OF 6Y-6971 TRANSMISSION AR

SMCS-3160 **i01135592**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3E-4371**	1	RING-RETAINING	
	2	1	**6V-6458**	2	RING-RETAINING	
	3	1	**5P-1669**	1	BALL BEARING	
	4	1	**9U-9498**	1	CAGE-BEARING	
	5	1	**8F-6230**	2	SEAL-O-RING	
	6	1	**7B-3235**	7	BOLT (1/2-13X1.375IN)	
	7	1	**5P-8245**	7	WASHER-HARD (3MM THK)	
	8	1	**9S-8010**	1	PLUG-O-RING (1 5/8-12 THD)	
	9	1	**2S-4078**	1	SEAL-O-RING (37.46MM ID)	
	10	1	**8E-5061**	1	HOUSING AS-SUPPORT	
		1	**4D-8148**	2	DOWEL (1.26IN LG)	
		1	**8B-6375**	1	DOWEL (31.75MM LG)	
	11	1	**5D-6428**	2	SEAL-O-RING (608.08MM ID)	
	12	1	**3B-8453**	2	SEAL-O-RING (18.42MM ID)	
	13	1	**1D-4569**	12	BOLT (1/2-13X4.25IN)	
	14	1	**1T-0808**	12	WASHER (0.09IN THK)	
	15	1	**148-9643**	2	RING-SEAL	
	16	1	**6Y-7269**	1	HOUSING AS-ROTATION	
		1	**6Y-5876**	1	HOUSING-CLUTCH	
		1	**4S-8541**	1	DOWEL (11.13 MM LONG)	
		1	**7M-8480**	2	DOWEL (31.75 MM LONG)	
	17	1	**9G-0647**	1	CARRIER-RING	
	18	1	**7M-5130**	1	PIN (6.35MM DIA)	
	19	1	**9S-8008**	2	PLUG-O-RING (1 1/16-12 THD)	
	20	1	**3D-2824**	2	SEAL-O-RING (23.47MM ID)	
	21	1	**8P-9569**	1	RING-SEAL	
	22	1	**3P-7570**	1	RING-SEAL	
	23	1	**6Y-5877**	1	PISTON-CLUTCH	
R	24	1	**3P-7447**	4	PLATE-CLUTCH	
	25	1	**169-7055**	5	DISC-FRICTION	
	26	1	**6Y-7260**	1	SHAFT AS-OUTPUT	
		1	**4S-8537**	1	DOWEL	
	27	1	**1T-0766**	2	BEARING-SLEEVE	
	28	1	**8P-3133**	1	HUB	
	29	1	**3P-7564**	1	GEAR-SUN (47 TEETH)	
	30	1	**5H-5672**	2	SEAL-O-RING (133.66MM ID)	
	31	1	**5P-4904**	1	BALL BEARING	
	32	1	**3P-7832**	6	DOWEL	
	33	1	**3P-7566**	12	SPRING	
	34	1	**1B-2524**	12	PIN	
	35	1	**3P-7006**	1	CARRIER-PLANETARY	
	36	1	**8E-8310**	8	DISC-THRUST	
	37	1	**7G-3467**	4	GEAR-PLANETARY (20 TEETH)	
	38	1	**5M-7925**	4	BEARING-ROLLER	
	39	1	**3P-7558**	4	SHAFT AS-PLANETARY	
					(EACH INCLUDES)	
		1	**3S-0036**	1	PLUG-CORE	
	40	1	**3S-2708**	4	PIN-SPRING	
	41	1	**3S-8035**	1	RING-SEAL	
	42	1	**3P-7563**	1	GEAR-SUN (38 TEETH)	
	43	1	**1N-5410**	1	RING-RETAINING	
	44	1	**8P-5839**	1	HOUSING-CLUTCH	
	45	1	**3P-7576**	6	DOWEL	
	46	1	**8P-6292**	1	RING-SEAL	
	47	1	**3P-7612**	2	RING-SEAL	
	48	1	**7G-7745**	2	PISTON-CLUTCH	

6Y-6972 PLANETARY GP-TRANSMISSION *(contd.)* i01135592

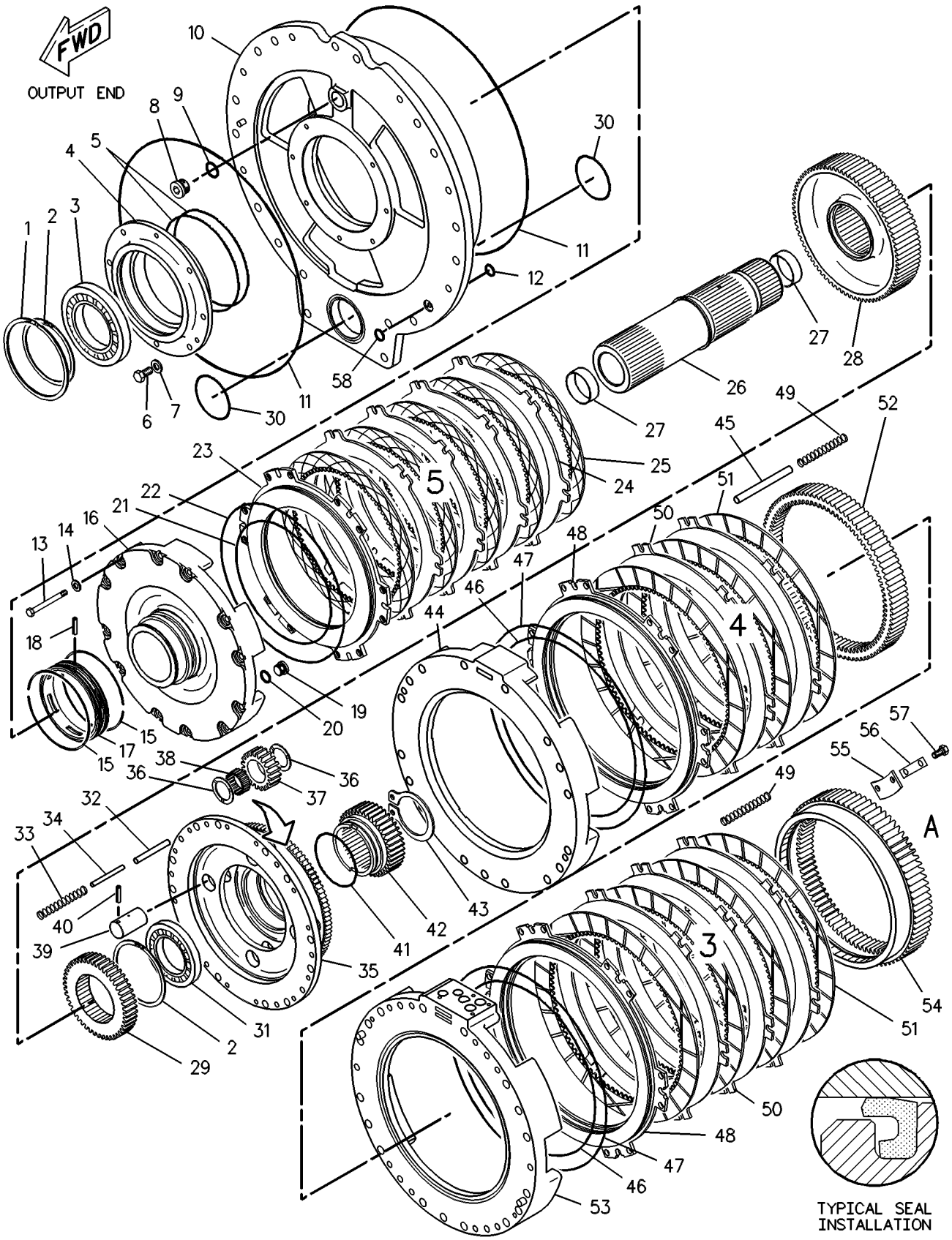
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	49	1	**9H-5537**	24	SPRING	
R	50	1	**3P-7584**	5	PLATE-CLUTCH	
	51	1	**8E-0985**	7	DISC AS-CLUTCH	
	52	1	**3P-7575**	1	GEAR-RING (101 TEETH)	
	53	1	**133-3780**	1	HOUSING AS	
		1	**4D-8148**	4	DOWEL (1.26IN LG)	
	54	1	**3P-7586**	1	GEAR-RING (101 TEETH)	
	55	1	**3P-7601**	2	PLATE-LOCKING	
	56	1	**5S-5880**	2	LOCK-NUT	
	57	1	**0S-0509**	4	BOLT (3/8-16X.75IN)	
	58	2	**8E-7184**	1	SHAFT AS-INPUT	
		2	**9M-2001**	1	DOWEL	
	59	2	**4M-1708**	1	RING	
	60	2	**7S-7018**	1	RING-SEAL METAL	
	61	2	**105-9788**	1	CARRIER-PLANETARY	
	62	2	**105-9639**	4	SHAFT-PLANETARY	
	63	2	**2H-9445**	8	PIN-SPRING	
	64	2	**8E-8316**	24	DISC-THRUST	
	65	2	**1P-3958**	8	ROLLER AS-SPECIAL	
	66	2	**7G-3470**	8	GEAR-PLANETARY (22 TEETH)	
	67	2	**5P-6651**	1	RING-RETAINING	
	68	2	**8P-7246**	1	GEAR AS-SUN (38 TEETH)	
		2	**4S-8537**	1	DOWEL	
	69	2	**6V-6458**	1	RING-RETAINING	
	70	2	**5P-4904**	1	BALL BEARING	
	71	2	**3P-7149**	1	CAGE-BEARING	
	72	2	**4M-5397**	4	LOCK-NUT	
	73	2	**0S-1594**	8	BOLT (3/8-16X1 IN)	
	74	2	**6T-8755**	1	HOUSING-CLUTCH	
	75	2	**6I-9790**	17	DAMPER-BOLT	
	76	2	**8P-6292**	1	RING-SEAL	
	77	2	**3P-7612**	2	RING-SEAL	
	78	2	**175-2618**	1	PISTON-CLUTCH	
	79	2	**8E-0985**	8	DISC AS-CLUTCH	
R	80	2	**3P-7584**	6	PLATE-CLUTCH	
	81	2	**8P-6222**	1	GEAR-RING (101 TEETH)	
	82	2	**9W-9143**	1	GEAR-COUPLING (80 TEETH)	
	83	2	**2S-8924**	12	PIN	
	84	2	**4M-5016**	24	SPRING	
	85	2	**7G-7744**	1	HOUSING AS-CLUTCH	
		2	**4D-8148**	4	DOWEL (1.26IN LG)	
	86	2	**3S-8035**	1	RING-SEAL	
	87	2	**8P-3134**	1	GEAR-SUN (28 TEETH)	
	88	2	**6F-0155**	2	RING-METAL SEAL	
	89	2	**8P-7243**	1	CARRIER-RING	
	90	2	**3S-2708**	1	PIN-SPRING	
	91	2	**8P-7242**	4	SHAFT AS-PLANETARY	
					(EACH INCLUDES)	
		2	**2A-3746**	1	PLUG-CUP	
	92	2	**1S-9110**	8	ROLLER AS	
	93	2	**7G-3468**	4	GEAR-PLANETARY (26 TEETH)	
C	94	2	**115-0764**	1	RING-LOCK	
C	95	2	**115-0761**	1	CARRIER AS	
		2	**4B-9782**	4	BALL (9.52MM DIA)	
		2	**4S-8541**	1	DOWEL	
	96	2	**3P-7613**	1	RING-SEAL	
	97	2	**175-2619**	1	PISTON-CLUTCH	
	98	2	**7G-7741**	1	PLATE-END	
	99	2	**2S-0115**	17	WASHER-HARD (5MM THK)	

6Y-6972 PLANETARY GP-TRANSMISSION *(contd.)*

i01135592

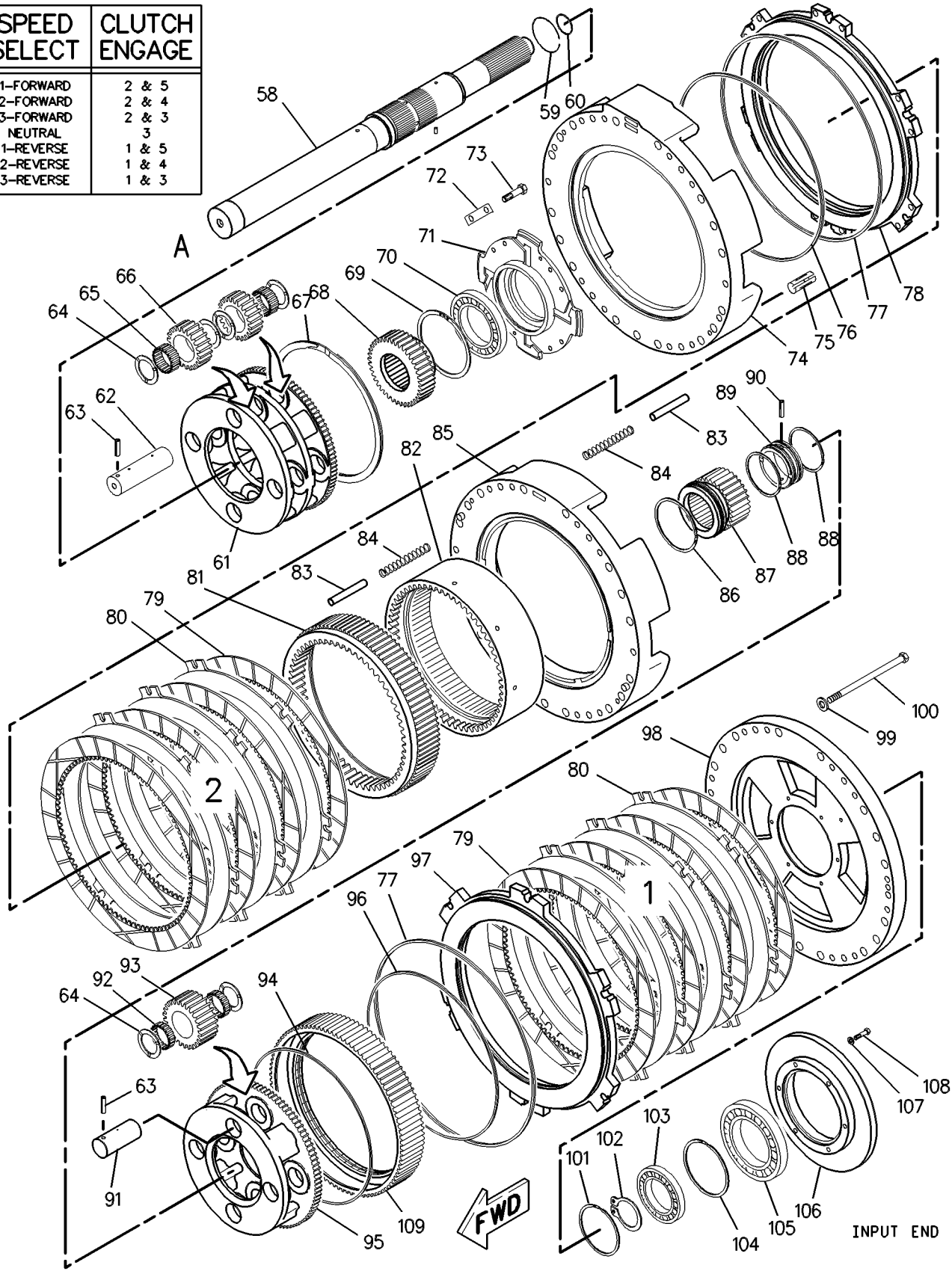
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	100	2	**5P-1670**	17	BOLT (3/4-10X18.5 IN)	
	101	2	**3K-2559**	1	RING-RETAINING	
	102	2	**5P-5296**	1	RING-RETAINING	
	103	2	**5P-6727**	1	BALL BEARING	
	104	2	**5P-6726**	1	RING-RETAINING (132.82MM ID)	
	105	2	**8E-7898**	1	BALL BEARING	
	106	2	**8P-6302**	1	PILOT-TRANSMISSION	
	107	2	**5M-2894**	6	WASHER (2.5MM THK)	
	108	2	**0S-1590**	6	BOLT (3/8-16X2 IN)	
	109	2	**115-0762**	1	GEAR-COUPLING (101 TEETH)	

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



GRAPHIC #1 g00122488

SPEED SELECT	CLUTCH ENGAGE
1–FORWARD	2 & 5
2–FORWARD	2 & 4
3–FORWARD	2 & 3
NEUTRAL	3
1–REVERSE	1 & 5
2–REVERSE	1 & 4
3–REVERSE	1 & 3



GRAPHIC #2 g00363232

154-3161 POWER TRAIN AR

PIN 2KZ1-UP

PART OF 152-9751 GENERAL AR

SMCS-3000 **i00753316**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*8R-5470*	1	AXLE AR-FIXED	244
Y	*154-6380*	1	AXLE AR-OSCILLATING	245
Y	*8R-5518*	1	BRAKE GP-PARKING	382
Y	*8R-5681*	1	BREATHER GP-POWER TRAIN	250
Y	*8R-5682*	1	FILLER GP-POWER TRAIN OIL	276
Y	*8R-5683*	1	LINES GP-POWER TRAIN OIL	290
Y	*8R-5452*	1	SHAFT GP-DRIVE	308
Y	*8R-5456*	1	SHAFT GP-INPUT DRIVE	312
YR	*6Y-3889*	1	TORQUE CONVERTER GP	326
YR	**6Y-6971**	1	TRANSMISSION AR	328

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

6Y-6977 PUMP GP-TRANSMISSION

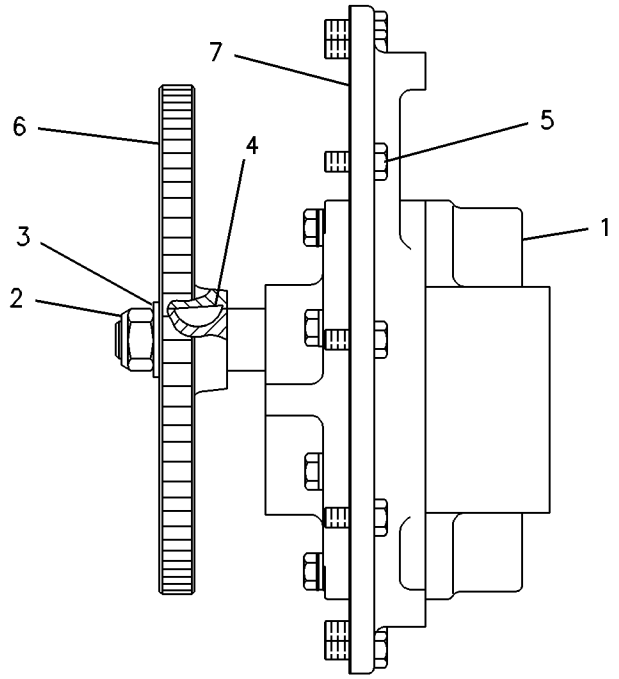
PIN 2KZ1-UP

PART OF 8R-5683 LINES GP-POWER TRAIN OIL

SMCS-3066 **i00174222**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**6Y-6978**	1	PUMP GP-TRANSMISSION	305
	2	1	**2K-0337**	1	LOCKNUT (3/4-16 THD)	
	3	1	**4S-9134**	1	WASHER-HARD (3.0MM THK)	
	4	1	**1B-8714**	1	KEY-WOODRUFF	
M	5	1	**6V-4248**	11	BOLT (M10X1.50X25MM)	
	6	1	**8E-6502**	1	GEAR-OIL PUMP DRIVE (77 TEETH)	
	7	1	**8E-6503**	1	GASKET	

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00119803

6Y-6978 PUMP GP-TRANSMISSION

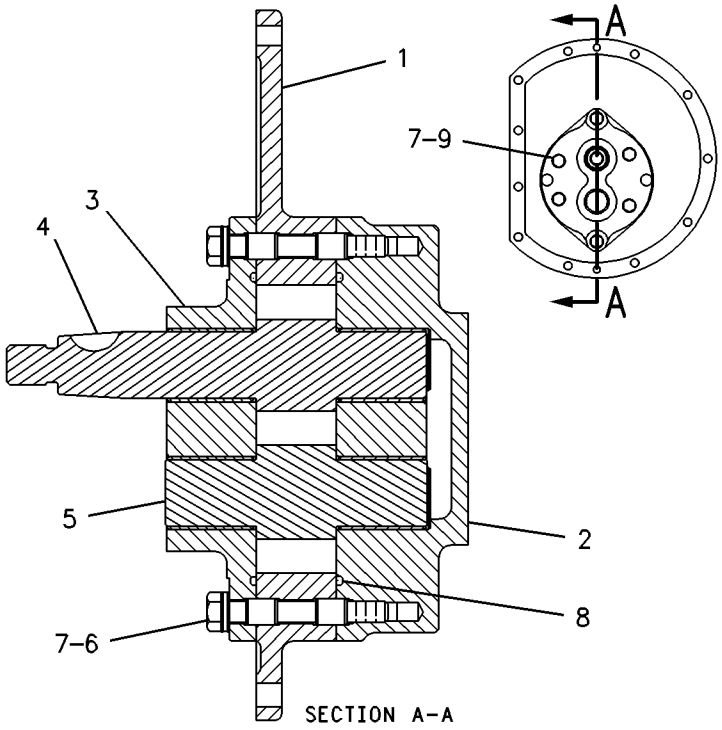
PIN 2KZ1-UP

PART OF 6Y-6977 PUMP GP-TRANSMISSION

SMCS-3066 **i00174232**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8E-6494**	1	BODY AS-OIL PUMP	
		1	**8M-8489**	4	DOWEL (12.54MM DIA)	
	2	1	**8E-6498**	1	MANIFOLD AS	
		1	**1M-3909**	2	BEARING-SLEEVE	
	3	1	**8E-6496**	1	COVER AS	
		1	**1M-3909**	2	BEARING-SLEEVE	
	4	1	**8E-6500**	1	GEAR AS-OIL PUMP (8 TEETH)	
	5	1	**8E-6501**	1	GEAR AS-OIL PUMP (8 TEETH)	
M	6	1	**8T-0643**	2	BOLT (M10X1.50X80MM)	
		1	**6Y-5010**	4	WASHER	
	7	1	**3S-0004**	6	WASHER (0.09MM THK)	
	8	1	**2D-8009**	2	SEAL-O-RING (142.47MM ID)	
M	9	1	**6V-7981**	4	BOLT (M10X1.50X70MM)	

M-METRIC PART



GRAPHIC #1 g00119805

132-2067 RIM AR

PIN 2KZ1-UP

PART OF 130-5169, 130-5171, 132-2066 TIRE & RIM AR

ALSO AN ATTACHMENT

SMCS-4209 **i00662498**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*132-2068*	4	MOUNTING GP-RIM	296
Y	*133-8375*	4	RIM GP-DEMOUNTABLE	307

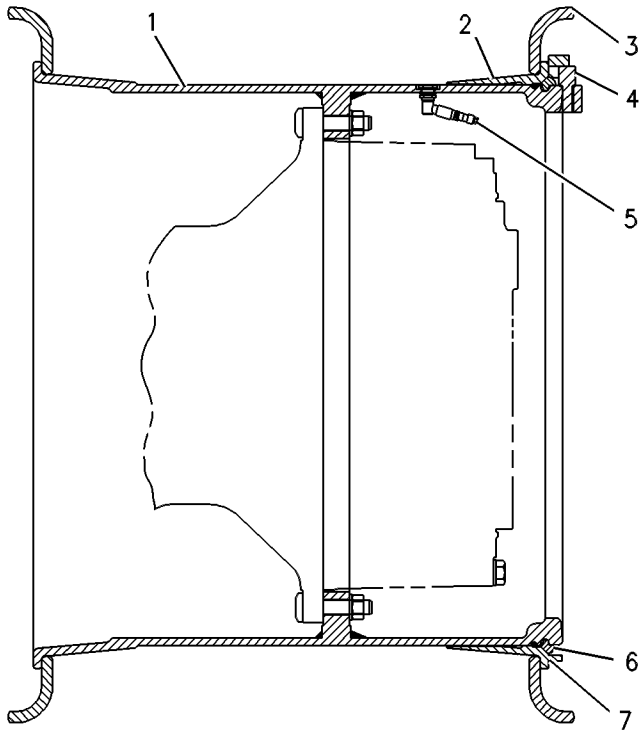
Y-SEPARATE ILLUSTRATION

133-8375 RIM GP-DEMOUNTABLE

PIN 2KZ1-UP
PART OF 132-2067 RIM AR
ALSO AN ATTACHMENT

SMCS-4209 **i00198546**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9U-4808**	1	RIM AS (32.00 X 39)	
	2	1	**8X-5652**	1	BAND-BEAD SEAT	
	3	1	**4D-6172**	2	FLANGE	
	4	1	**8X-5271**	1	KEY-DRIVER	
	5	1	**9U-4537**	1	VALVE GP-TIRE	
	6	1	**2A-7116**	1	LOCKRING	
	7	1	**3D-1964**	1	SEAL-O-RING	



GRAPHIC #1 g00122074

8R-5452 SHAFT GP-DRIVE

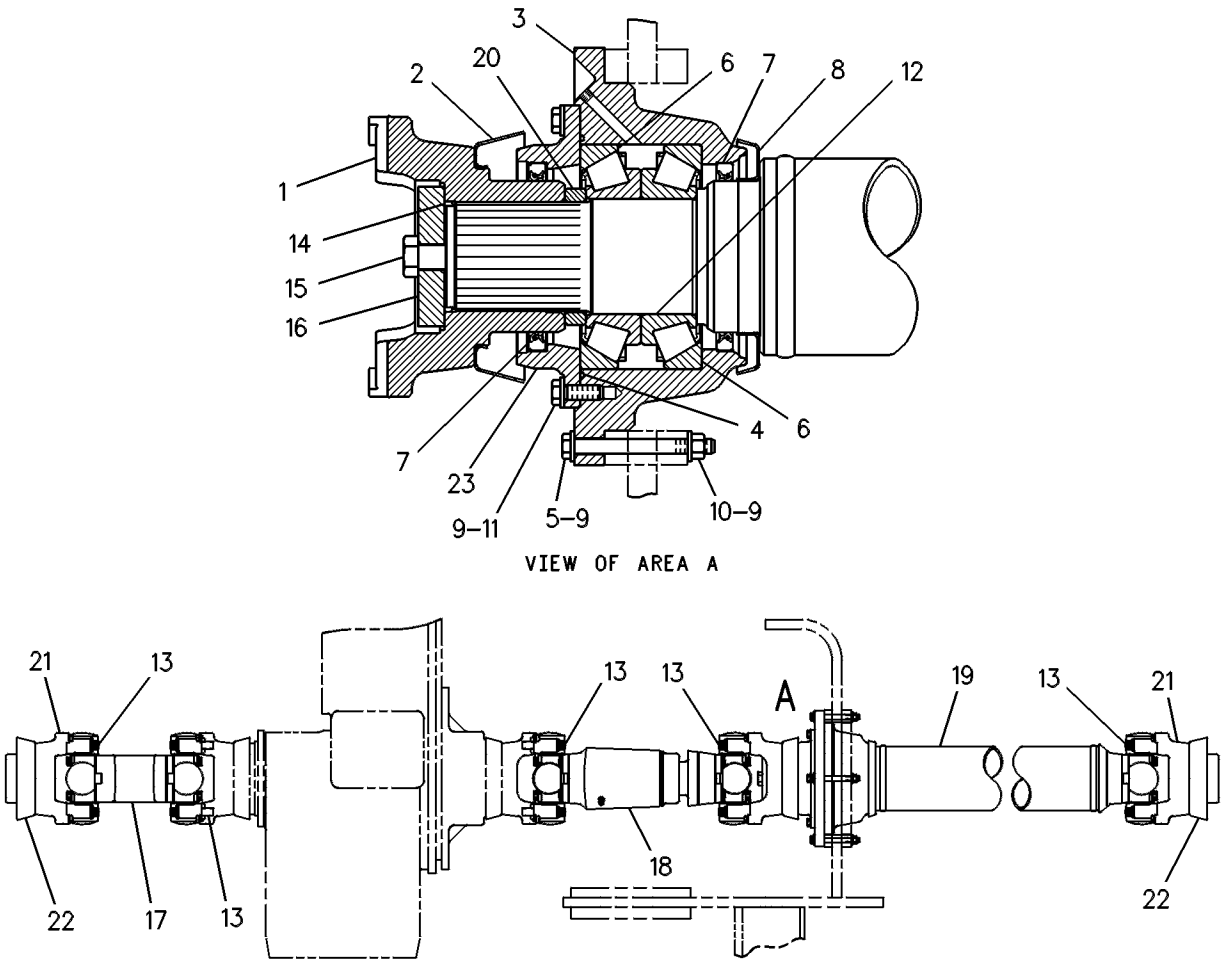
PIN 2KZ1-UP
PART OF 154-3161 POWER TRAIN AR
TYPE 1

SMCS-3253 **i01229184**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-2402**	1	YOKE AS	
	2	1	**4E-4887**	1	GUARD	
	3	1	**4E-4377**	1	CAGE-BEARING	
	4	1	**1H-8278**	1	SEAL-O-RING (196.44MM ID)	
M	5	1	**6V-8004**	6	BOLT (M12X1.75X120MM)	
	6	1	**5P-3087**	2	CUP-ROLLER BEARING	
	7	1	**6K-2430**	2	SEAL-LIP (127MM ID)	
	8	1	**2V-2072**	1	GUARD	
	9	1	**5P-8245**	18	WASHER-HARD (3MM THK)	
M	10	1	**6V-8149**	6	NUT (M12X1.75 THD)	
M	11	1	**6V-8675**	6	BOLT (M12X1.75X35MM)	
	12	1	**5P-3088**	2	CONE-ROLLER BEARING	
M	13	1	**9X-6480**	20	BOLT (M20X2.5X90 MM)	
	14	1	**4L-9564**	1	SEAL-O-RING (81.92MM ID)	
M	15	1	**112-3927**	1	BOLT (M20X2.5X90MM)	
	16	1	**8R-8513**	1	RETAINER	
Y	17	1	**9U-4985**	1	UNIVERSAL JOINT GP	330
CY	18	1	**139-0021**	1	SLIP JOINT GP	313
Y	19	1	**9U-4983**	1	UNIVERSAL JOINT GP	329
	20	1	**2V-2077**	1	SPACER	
	21	1	**129-4649**	2	YOKE AS	
					(EACH INCLUDES)	
		1	**2J-8163**	1	SEAL-O-RING (117.07MM ID)	
		1	**132-0348**	1	CUP-DUST	
		1	**132-1183**	1	RING-RETAINING	
	22	1	**9U-4986**	1	GUARD	
	23	1	**1V-0061**	1	RETAINER-BEARING	

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

8R-5452 **SHAFT GP-DRIVE** *(contd.)* **i01229184**



GRAPHIC #1 g00120673

8R-5452 SHAFT GP-DRIVE

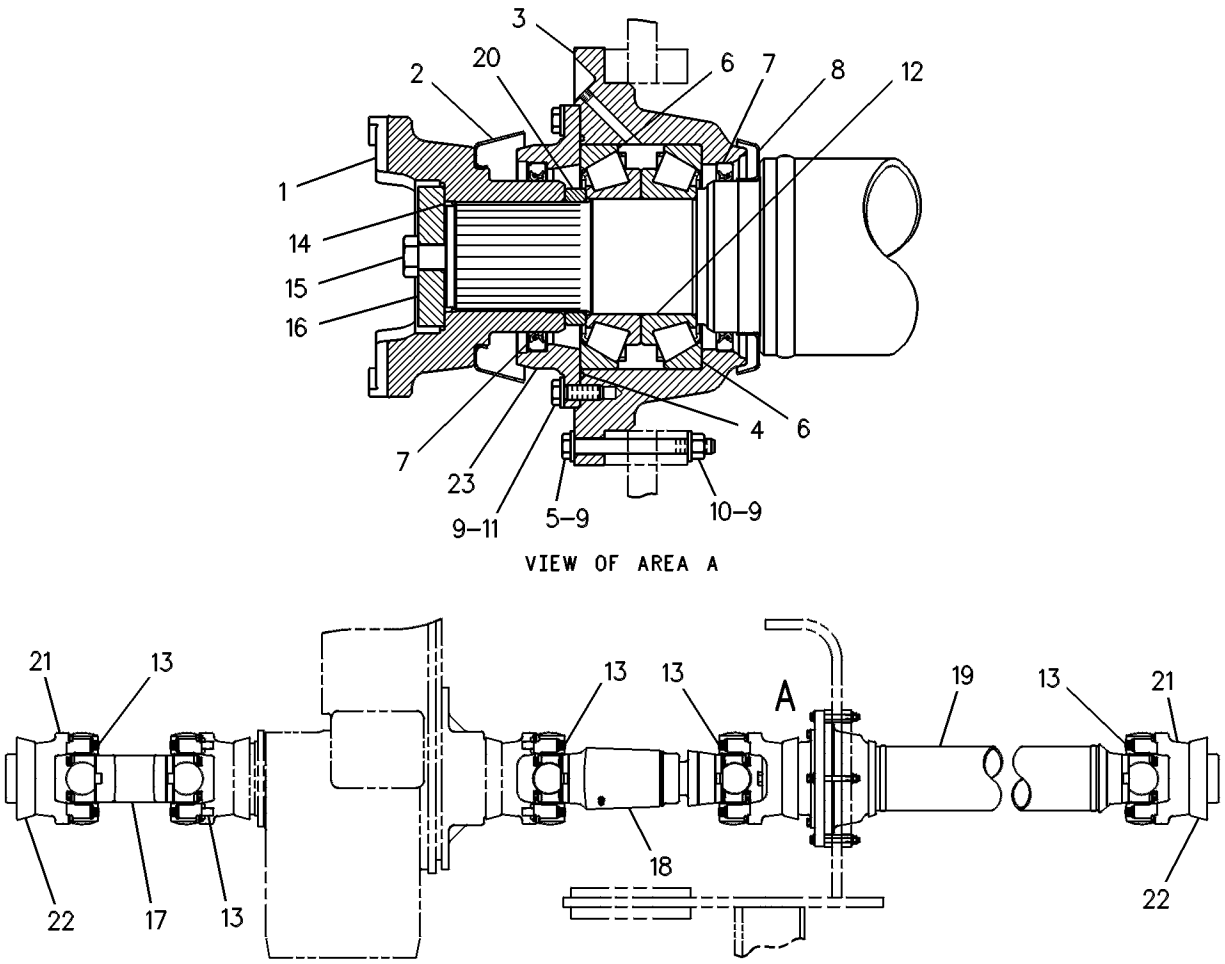
PIN 2KZ1-UP
PART OF 154-3161 POWER TRAIN AR
TYPE 2

SMCS-3253 **i01051541**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-2402**	1	YOKE AS	
	2	1	**4E-4887**	1	GUARD	
	3	1	**4E-4377**	1	CAGE-BEARING	
	4	1	**1H-8278**	1	SEAL-O-RING	
M	5	1	**6V-8004**	6	BOLT (M12X1.75X120MM)	
	6	1	**5P-3087**	2	CUP-ROLLER BEARING	
	7	1	**6K-2430**	2	SEAL-LIP (127MM ID)	
	8	1	**2V-2072**	1	GUARD	
	9	1	**5P-8245**	18	WASHER (3MM THK)	
M	10	1	**6V-8149**	6	NUT (M12X1.75 THD)	
M	11	1	**6V-8675**	6	BOLT (M12X1.75X35MM)	
	12	1	**5P-3088**	2	CONE-ROLLER BEARING	
M	13	1	**9X-6480**	20	BOLT (M20X2.5X90 MM)	
	14	1	**4L-9564**	1	SEAL-O-RING (81.92MM ID)	
M	15	1	**112-3927**	1	BOLT (M20X2.5X90MM)	
	16	1	**8R-8513**	1	RETAINER	
Y	17	1	**9U-4985**	1	UNIVERSAL JOINT GP	330
CY	18	1	**168-1914**	1	JOINT GROUP-SLIP	314
Y	19	1	**9U-4983**	1	UNIVERSAL JOINT GP	329
	20	1	**2V-2077**	1	SPACER	
	21	1	**129-4649**	1	YOKE AS	
					(EACH INCLUDES)	
		1	**2J-8163**	1	SEAL-O-RING (117.07MM ID)	
		1	**132-0348**	1	CUP-DUST	
		1	**132-1183**	1	RING-RETAINING	
	22	1	**9U-4986**	1	GUARD	
	23	1	**1V-0061**	1	RETAINER-BEARING	

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

8R-5452 **SHAFT GP-DRIVE** ***(contd.)*** **i01051541**



GRAPHIC #1 g00120673

8R-5456 SHAFT GP-INPUT DRIVE

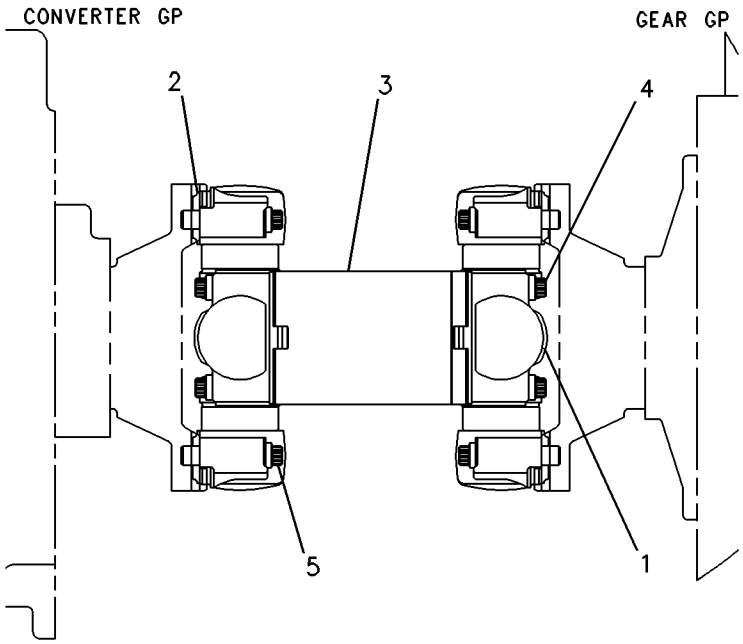
PIN 2KZ1-UP

PART OF 154-3161 POWER TRAIN AR

SMCS-3253 **i00174791**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7I-3082**	1	UNIVERSAL JOINT GP	
	2	1	**9C-3095**	2	SPIDER & BEARING GP	
	3	1	**7I-3083**	1	YOKE-COUPLING	
M	4	1	**9X-8272**	8	BOLT	
M	5	1	**9X-8272**	8	BOLT	

M-METRIC PART



GRAPHIC #1 g00119780

139-0021 SLIP JOINT GP

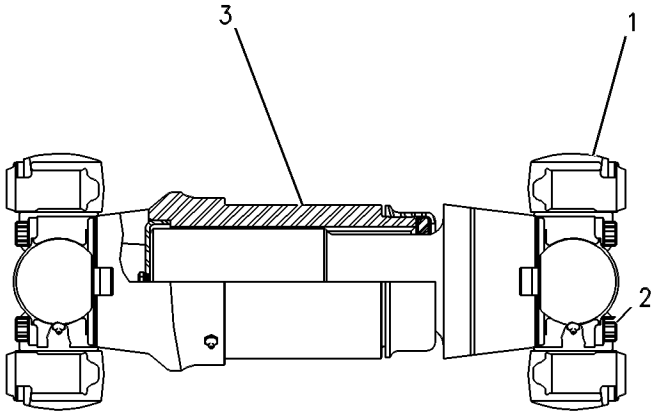
PIN 2KZ1-UP

PART OF 8R-5452 SHAFT GP-DRIVE

SMCS-3251 **i00174390**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-3462**	2	SPIDER & BEARING GP	
M	2	1	**9X-6480**	8	BOLT (M20X2.5X90 MM)	
	3	1	**139-0022**	1	SHAFT AS	
		1	**1K-6853**	1	FITTING	
		1	**3B-8489**	1	FITTING-GREASE (1/8-27 THD)	
		1	**5T-9482**	1	KIT-SEAL	
		1	**113-5936**	1	CUP-DUST	

M-METRIC PART



GRAPHIC #1 g00122371

168-1914 SLIP JOINT GP

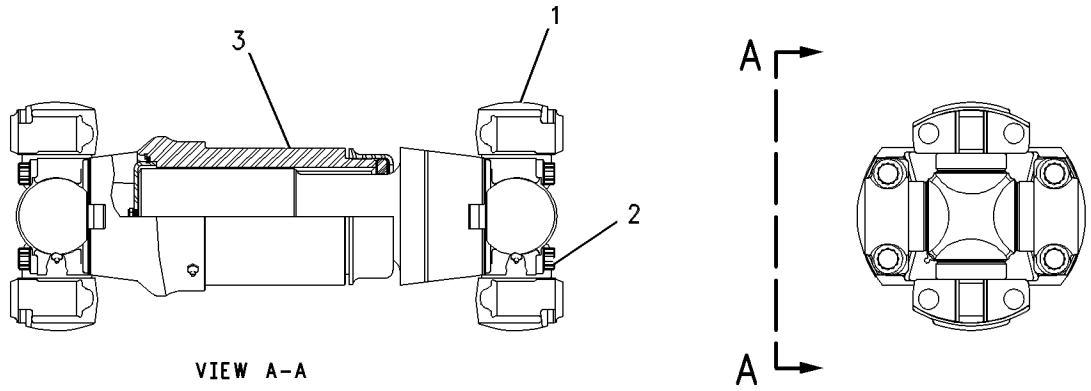
PIN 2KZ1-UP

PART OF 8R-5452 SHAFT GP-DRIVE

SMCS-3251 **i01105145**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-3462**	2	SPIDER & BEARING GP	
M	2	1	**9X-6480**	8	BOLT (M20X2.5X90 MM)	
	3	1	**139-0022**	1	SHAFT AS	
		1	**1K-6853**	1	FITTING	
		1	**3B-8489**	1	FITTING-GREASE (1/8-27 THD)	
		1	**5P-6414**	1	RING-RETAINING (125.4MM OD)	
		1	**5T-9482**	1	KIT-SEAL	
		1	**132-1183**	1	RING-RETAINING	
		1	**168-1917**	1	CUP-DUST	

M-METRIC PART



GRAPHIC #1 g00545765

MEMORANDA

8R-5652 SUPPORT GP-TRANSMISSION

PIN 2KZ1-UP

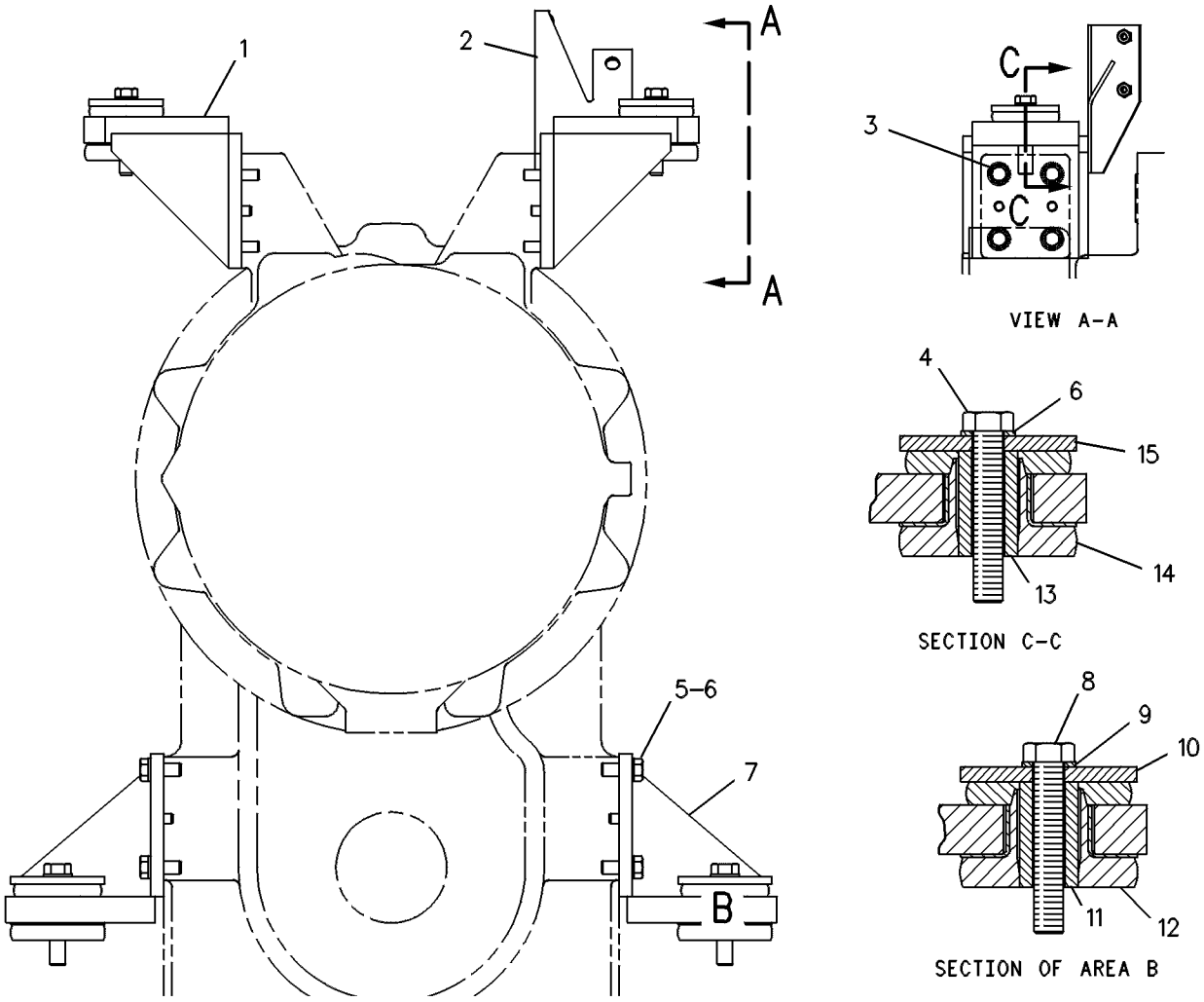
PART OF 152-9752 CHASSIS AR

SMCS-3030 **i01099453**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-9711**	1	BRACKET AS-MOUNTING	
		1	**8B-6349**	2	DOWEL (15.88 MM X 34.92 MM)	
	2	1	**9U-2953**	1	BRACKET AS-MOUNTING	
		1	**8B-6349**	2	DOWEL (15.88 MM X 34.92 MM)	
M		1	**8T-3597**	2	NUT-WELD (M12X1.75 THD)	
M	3	1	**8T-4193**	8	BOLT (M16X2.0X50MM)	
		1	**9X-8257**	8	WASHER (3.50MM THK)	
M	4	1	**8T-6381**	2	BOLT (M20X2.5X120MM)	
M	5	1	**8T-6430**	8	BOLT (M20X2.5X50MM)	
	6	1	**8T-4123**	10	WASHER-PLATED (3.5MM THK)	
	7	1	**4E-9716**	2	BRACKET AS-MOUNTING	
					(EACH INCLUDES)	
		1	**8B-6349**	2	DOWEL (15.88 MM X 34.92 MM)	
M	8	1	**8T-4649**	4	BOLT (M24X3X140MM)	
	9	1	**8T-4167**	4	WASHER (4.0MM THK)	
	10	1	**9W-7388**	4	WASHER (12.0MM THK)	
	11	1	**9W-7385**	4	SLEEVE	
	12	1	**6Y-9980**	4	MOUNT AS	
	13	1	**9W-6582**	2	SLEEVE	
	14	1	**9W-9930**	2	MOUNT AS	
	15	1	**9W-6584**	2	WASHER (10MM THK)	

M-METRIC PART

8R-5652 **SUPPORT GP-TRANSMISSION** *(contd.)* **i01099453**



GRAPHIC #1

g00120449

130-5169 TIRE & RIM AR

PIN 2KZ1-UP

PART OF 152-9751 GENERAL AR

SMCS-4202 **i00186288**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	112-0973	2	BLOCK	
M	**8T-4956**	6	BOLT (M12X1.75X35MM)	
Y	*132-2067*	1	RIM AR	306
	8T-4223	6	WASHER-HARD (3MM THK)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION

130-5171 TIRE & RIM AR

PIN 2KZ1-UP
AN ATTACHMENT

SMCS-4202 **i01170867**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	112-0973	2	BLOCK	
M	**8T-4956**	6	BOLT (M12X1.75X35MM)	
Y	*132-2067*	1	RIM AR	306
	8T-4223	6	WASHER-HARD (3MM THK)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION

132-2066 TIRE & RIM AR

PIN 2KZ1-UP
AN ATTACHMENT

SMCS-4202 **i01170843**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	112-0973	2	BLOCK	
M	**8T-4956**	6	BOLT (M12X1.75X35MM)	
Y	*132-2067*	1	RIM AR	306
	8T-4223	6	WASHER-HARD (3MM THK)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION

MEMORANDA

POWER TRAIN

6Y-3888 TORQUE CONVERTER GP

S/N 2JT350-UP

PART OF 6Y-3889 TORQUE CONVERTER GP

SMCS-3101 **i00915248**

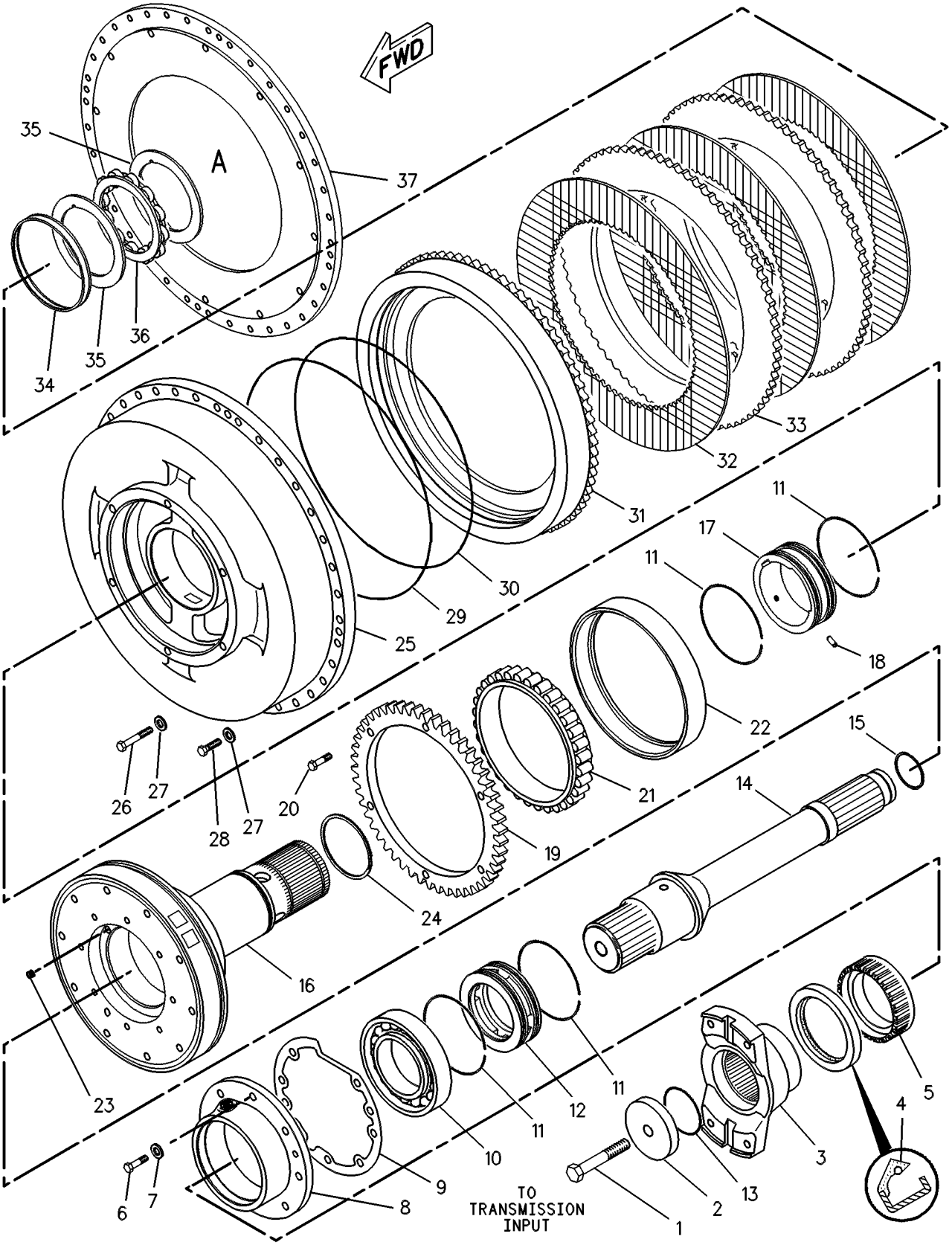
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**7X-2555**	1	BOLT (M16X2.0X80MM)	
	2	1	**9S-4372**	1	RETAINER	
	3	1	**6Y-1415**	1	YOKE-OUTPUT	
	4	1	**8C-3075**	1	SEAL-LIP	
	5	1	**6Y-6602**	1	ROTOR-SENSOR	
M	6	1	**8T-4195**	8	BOLT (M10X1.50X30MM)	
	7	1	**8T-4121**	8	WASHER (2.5MM THK)	
	8	1	**8E-5154**	1	RETAINER-BEARING	
	9	1	**8E-5115**	1	GASKET	
	10	1	**7F-6013**	1	BALL BEARING	
	11	1	**3T-6246**	4	RING-SEAL	
	12	1	**6Y-1414**	1	CARRIER-RING	
	13	1	**8M-4989**	1	SEAL-O-RING	
	14	1	**6Y-1413**	1	SHAFT-OUTPUT	
	15	1	**2G-8741**	1	RING-METAL SEAL	
	16	1	**108-4734**	1	CARRIER AS-STATOR	
	17	1	**108-4441**	1	CARRIER-SEAL RING	
	18	1	**2H-2255**	1	DOWEL	
	19	1	**8E-2870**	1	GEAR-DRIVE	
M	20	1	**6V-1820**	6	BOLT (M10X1.50X30MM)	
	21	1	**5P-6408**	1	BEARING-INNER	
	22	1	**124-6348**	1	RACE-ROLLER	
	23	1	**8J-6815**	1	PLUG-ORIFICE	
	24	1	**1T-1401**	1	RING-SEAL	
	25	1	**6Y-1409**	1	HOUSING-CLUTCH	
M	26	1	**6V-4249**	36	BOLT	
	27	1	**6V-5839**	38	WASHER (2.5MM THK)	
M	28	1	**6V-3822**	2	BOLT	
	29	1	**3S-1284**	1	RING-SEAL	
	30	1	**7G-0141**	1	RING-SEAL	
	31	1	**6Y-6600**	1	PISTON-CLUTCH	
	32	1	**8E-8328**	3	DISC-FRICTION	
	33	1	**1T-1897**	2	PLATE-CLUTCH	
	34	1	**1T-0806**	1	RETAINER-BEARING	
	35	1	**1T-0807**	2	RACE-THRUST BEARING	
	36	1	**1T-0786**	1	BEARING-THRUST	
	37	1	**6Y-1410**	1	PLATE-CLUTCH BACKING	
	38	2	**6Y-0799**	1	HOUSING AS-CLUTCH	
	39	2	**1T-0766**	1	BEARING-SLEEVE	
	40	2	**6Y-0798**	1	COVER	
	41	2	**6V-5839**	6	WASHER (2.5MM THK)	
M	42	2	**6V-1820**	6	BOLT (M10X1.50X30MM)	
	43	2	**8L-2786**	2	SEAL-O-RING (16.36MM ID)	
	44	2	**9S-4185**	2	PLUG-O-RING (3/4-16 THD)	
	45	2	**1T-0807**	4	RACE-THRUST BEARING	
	46	2	**1T-0786**	3	BEARING-THRUST	
	47	2	**1T-0806**	3	RETAINER-BEARING	
	48	2	**1T-0896**	1	RING-RETAINING	
	49	2	**8P-1246**	1	PLATE-CLUTCH BACKING	
	50	2	**1T-0887**	3	DISC AS-CLUTCH	
	51	2	**1T-1315**	2	PLATE-CLUTCH	
	52	2	**1T-1426**	1	PISTON-LOCKUP CLUTCH	
	53	2	**7G-0141**	1	RING-SEAL	
	54	2	**8S-3371**	1	RING-SEAL	
	55	2	**6Y-0803**	1	STATOR-CONVERTER	
	56	2	**1V-6659**	2	RING-RETAINING	

6Y-3888 TORQUE CONVERTER GP *(contd.)* i00915248

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	57	2	**6Y-0804**	1	ADAPTER-SPLINED	
	58	2	**1T-0795**	3	RING-RETAINING	
	59	2	**1T-0787**	2	PLATE-SIDE	
	60	2	**6Y-1354**	1	HUB-TURBINE	
M	61	2	**8T-0273**	24	BOLT-SOCKET HEAD (M12X1.7X40MM)	
	62	2	**2P-4470**	1	TURBINE-CONVERTER	
	63	2	**6Y-0802**	1	ADAPTER-CLUTCH	
M	64	2	**6V-5684**	12	BOLT (M12X1.75X45MM)	
	65	2	**5P-8245**	12	WASHER (3MM THK)	
	66	2	**6Y-0806**	1	HUB-IMPELLER	
	67	2	**6Y-5636**	1	IMPELLER-CONVERTER	
	68	2	**6Y-1405**	1	ADAPTER AS-CLUTCH	
		2	**6Y-7655**	1	ADAPTER-CLUTCH	
	69	2	**9M-4007**	2	DOWEL	
	70	2	**8E-2882**	1	BEARING-SLEEVE	

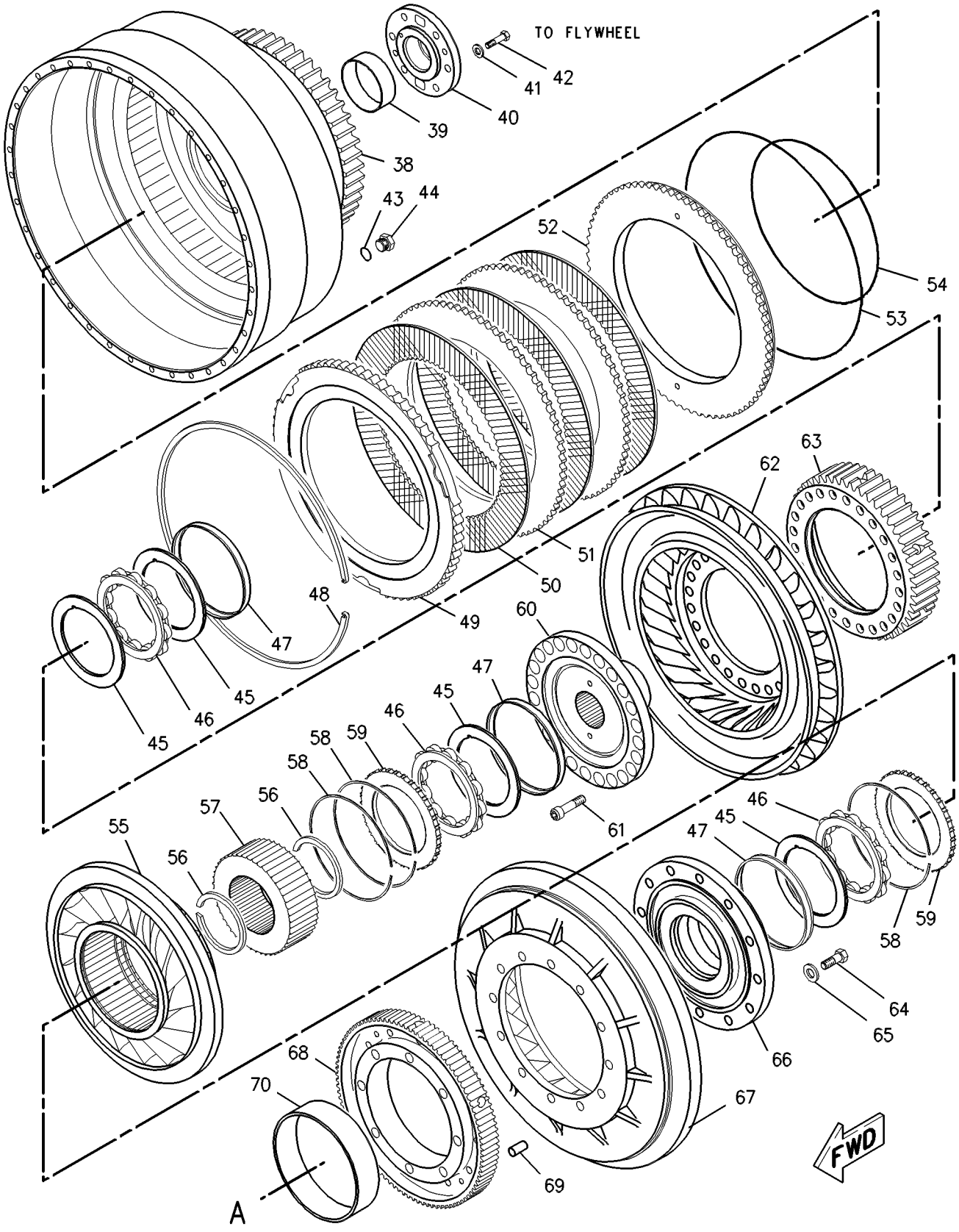
M-METRIC PART

6Y-3888 TORQUE CONVERTER GP *(contd.)* i00915248



GRAPHIC #1 g00120777

6Y-3888 TORQUE CONVERTER GP *(contd.)* i00915248



GRAPHIC #2 g00438686

6Y-3889 TORQUE CONVERTER GP

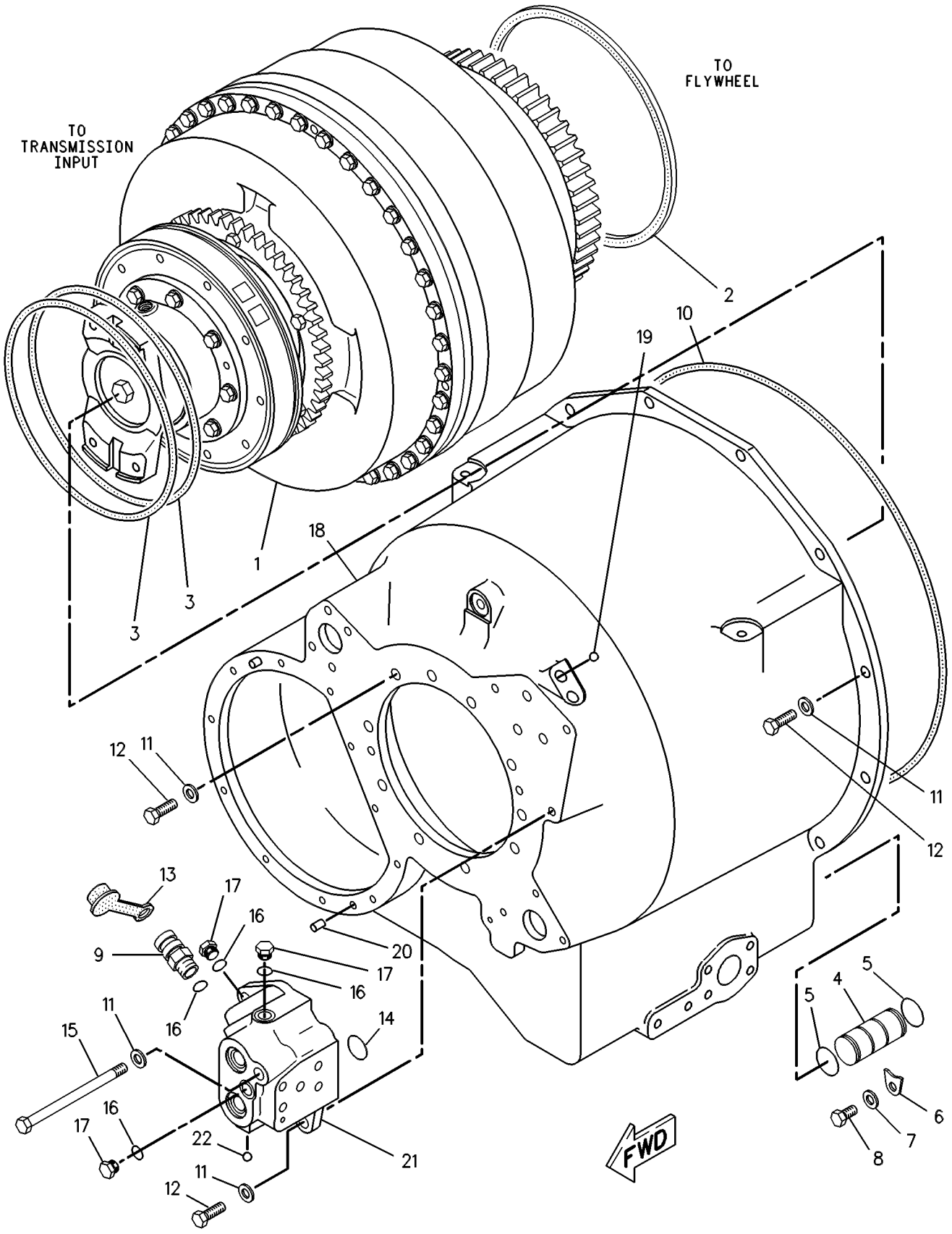
PIN 2KZ1-UP

PART OF 154-3161 POWER TRAIN AR

SMCS-3101 **i00174548**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**6Y-3888**	1	TORQUE CONVERTER GP	322
	2	1	**1T-1639**	1	RING	
	3	1	**6V-5554**	2	SEAL-O-RING	
	4	1	**6P-8340**	1	SLEEVE	
	5	1	**8M-4433**	2	SEAL-O-RING (29.74MM ID)	
	6	1	**6P-8339**	1	LOCK	
	7	1	**8T-4121**	1	WASHER (2.5MM THK)	
M	8	1	**8T-4137**	1	BOLT (M10X1.50X20MM)	
	9	1	**6V-3965**	2	NIPPLE AS	
	10	1	**4H-6730**	1	SEAL-O-RING (532.21MM ID)	
	11	1	**8T-4223**	24	WASHER-HARD (3MM THK)	
M	12	1	**8T-4956**	23	BOLT (M12X1.75X35MM)	
	13	1	**6V-0852**	2	CAP-DUST	
	14	1	**8M-8514**	3	SEAL-O-RING	
M	15	1	**8T-5001**	1	BOLT (M12X1.75X130MM)	
	16	1	**3J-1907**	5	SEAL-O-RING (11.89MM ID)	
	17	1	**9S-4191**	3	PLUG-O-RING (9/16-18 THD)	
	18	1	**8E-5394**	1	HOUSING AS-TORQUE CONVERTER	
	19	1	**4B-9784**	2	BALL	
	20	1	**1F-1006**	2	DOWEL	
	21	1	**6I-8194**	1	HOUSING AS-VALVE	
	22	1	**4B-9784**	2	BALL	

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00121384

6Y-6971 TRANSMISSION AR*R

S/N 9XE900-UP

PART OF 154-3161 POWER TRAIN AR

SMCS-3030 **i00662128**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*6Y-6973*	1	CASE & PARTS GP-PLANETARY	252
Y	*8E-6392*	1	CONTROL GP-TRANSMISSION HYD	262
Y	*8E-7141*	1	COVER GP-SHIPPING	264
Y	*6Y-6975*	1	GEAR & CASE GP-TRANSFER	280
Y	*6Y-6974*	1	GEAR GP-TRANSFER	288
Y	*6Y-6972*	1	PLANETARY GP	298

Y-SEPARATE ILLUSTRATION

9U-4983 UNIVERSAL JOINT GP

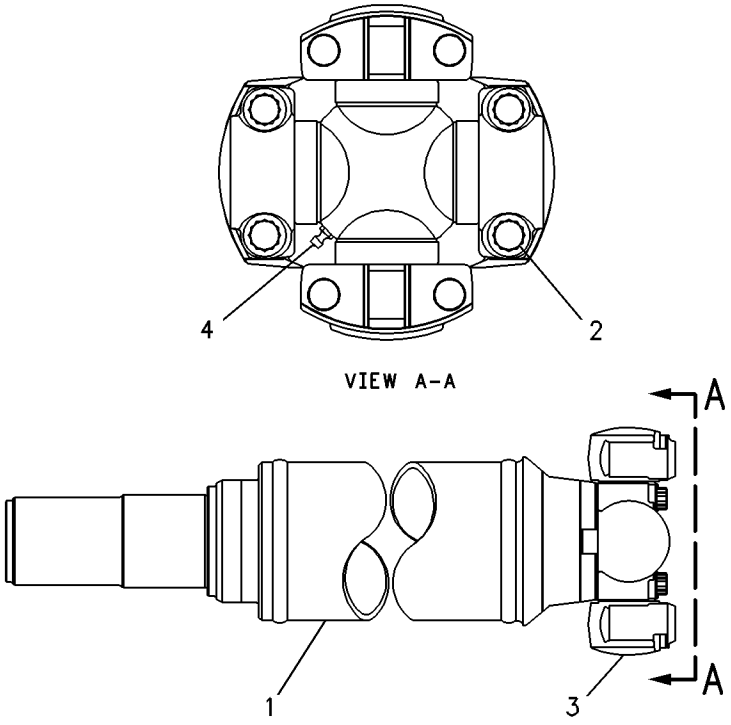
PIN 2KZ1-UP

PART OF 8R-5452 SHAFT GP-DRIVE

SMCS-3251, 3253 **i00174416**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9U-4982**	1	SHAFT	
M	2	1	**9X-6480**	4	BOLT (M20X2.5X90 MM)	
	3	1	**4E-3462**	1	SPIDER & BEARING GP	
	4	1	**3B-8489**	1	FITTING-GREASE (1/8-27 THD)	

M-METRIC PART



GRAPHIC #1 g00119820

9U-4985 UNIVERSAL JOINT GP

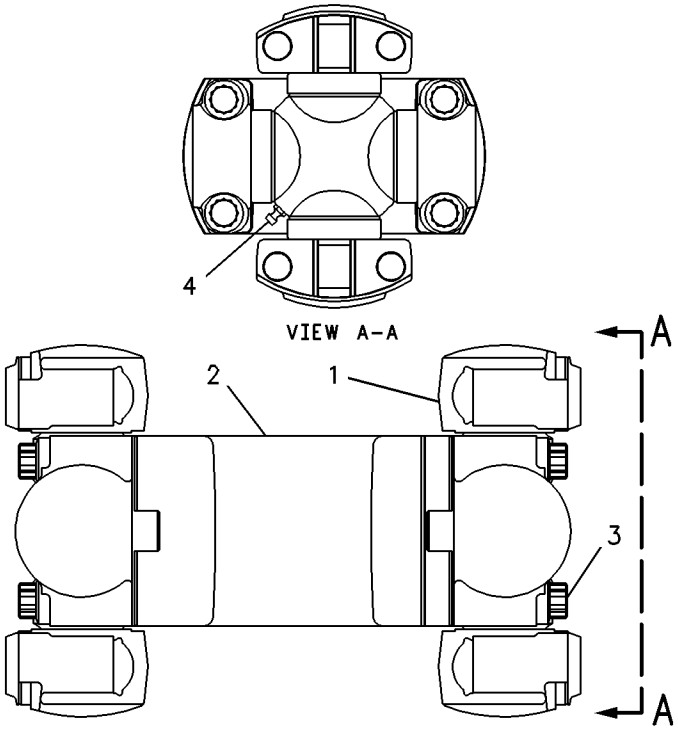
PIN 2KZ1-UP

PART OF 8R-5452 SHAFT GP-DRIVE

SMCS-3251, 3253 **i00174428**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**9X-6480**	8	BOLT (M20X2.5X90 MM)	
	2	1	**9U-4984**	1	YOKE-COUPLING	
	3	1	**4E-3462**	2	SPIDER & BEARING GP	
					(EACH INCLUDES)	
	4	1	**3B-8489**	1	FITTING-GREASE (1/8-27 THD)	

M-METRIC PART



GRAPHIC #1 g00119821

104-5013 VALVE GP-RELIEF–TORQUE CONVERTER OUTLET

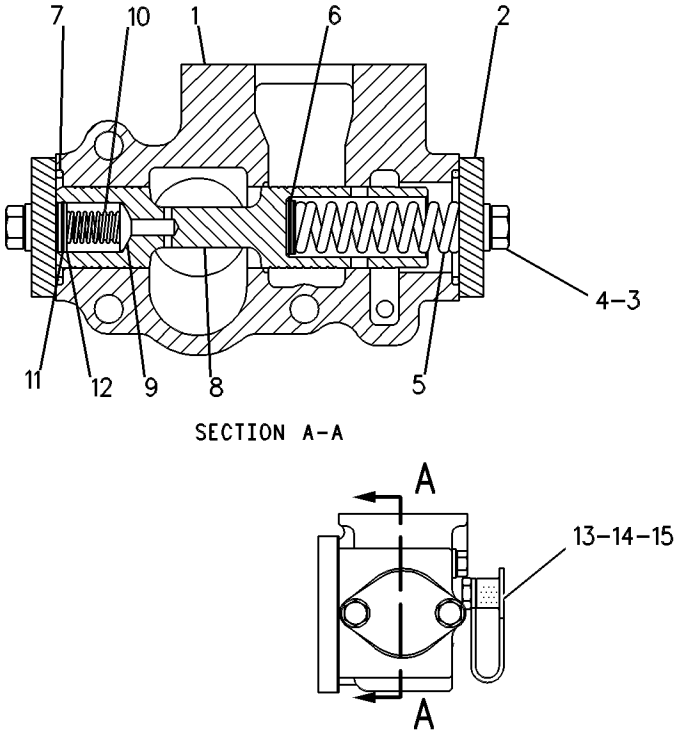
PIN 2KZ1-UP

PART OF 8R-5683 LINES GP-POWER TRAIN OIL

SMCS-3133, 3182, 3210, 3213 **i00174173**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**104-5014**	1	BODY-RELIEF VALVE	
	2	1	**4M-8239**	2	COVER	
	3	1	**0S-1594**	4	BOLT (3/8-16X1IN)	
	4	1	**5M-2894**	4	WASHER (2.5MM THK)	
	5	1	**8M-8627**	1	SPRING	
B	6	1	**5M-9622**	2	SPACER (1.6MM THK)	
B		1	**5M-9623**	3	SPACER (.9MM THK)	
B		1	**5M-9624**	1	SPACER (.25MM THK)	
	7	1	**8M-4986**	2	SEAL-O-RING (37.69MM ID)	
	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 (11.89MM ID)	
	15	1	**6V-3965**	1	NIPPLE AS	

B-USE AS REQUIRED



SECTION A-A

GRAPHIC #1 g00122362

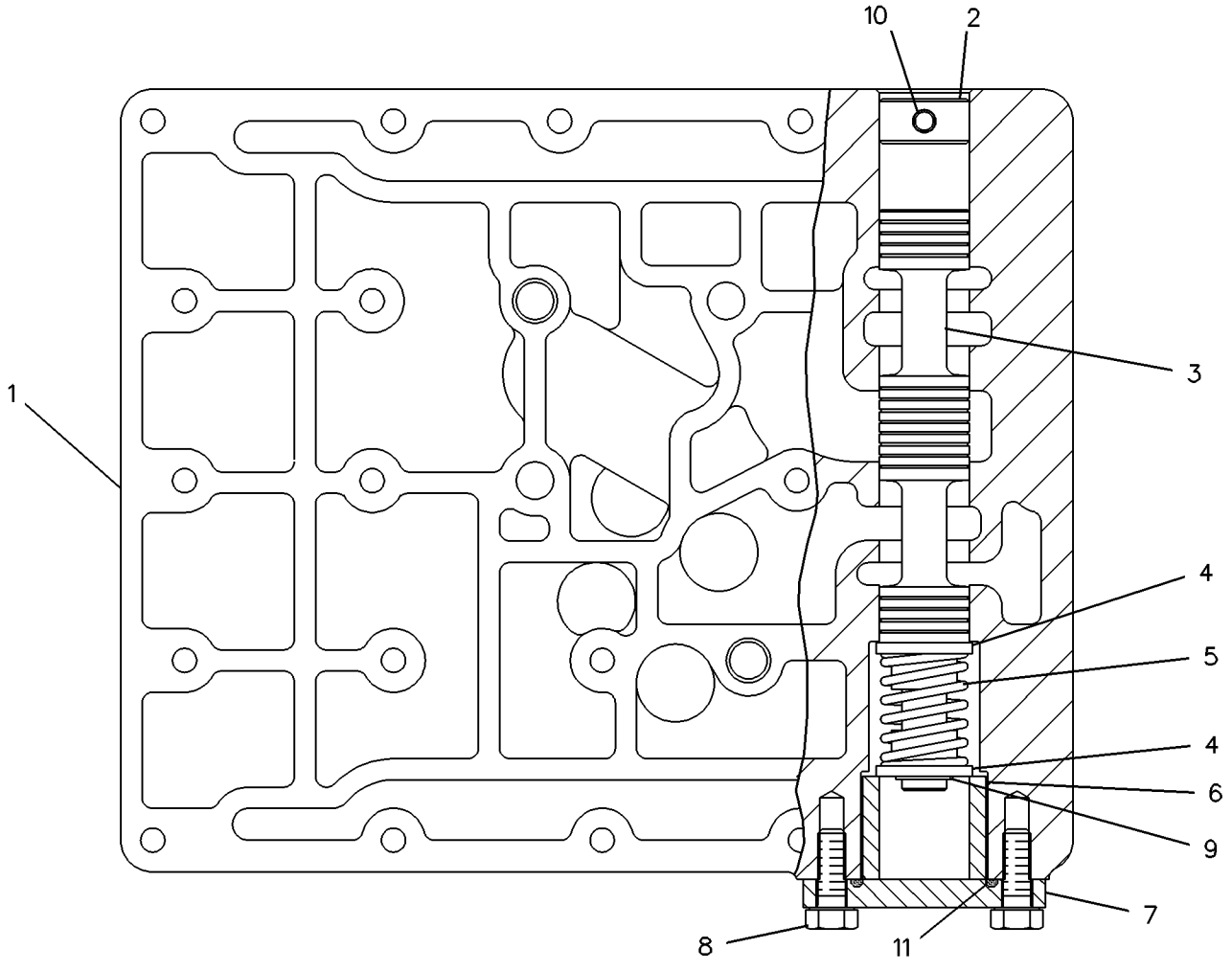
8E-6398 VALVE GP-SELECTOR–TRANSMISSION

S/N 9XE900-UP

PART OF 8E-6393 VALVE GP-TRANSMISSION CONTROL

SMCS-3157 **i00173409**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8E-6255**	1	MANIFOLD-BOTTOM	
	2	1	**2S-4872**	1	STOP	
	3	1	**6Y-0725**	1	SPOOL-SELECTOR	
	4	1	**6Y-0726**	2	RETAINER	
	5	1	**6I-9519**	1	SPRING	
	6	1	**6Y-0729**	1	STOP	
	7	1	**7S-6997**	1	COVER	
	8	1	**2B-2695**	2	BOLT (5/16-18X.875IN)	
	9	1	**5P-6261**	1	RING-RETAINING	
	10	1	**8H-9189**	1	DOWEL	
	11	1	**6J-2419**	1	SEAL-O-RING (36.17MM ID)	



GRAPHIC #1 g00119290

MEMORANDA

106-0550 VALVE GP-SELECTOR & PRESS CONT

S/N 9XE900-UP

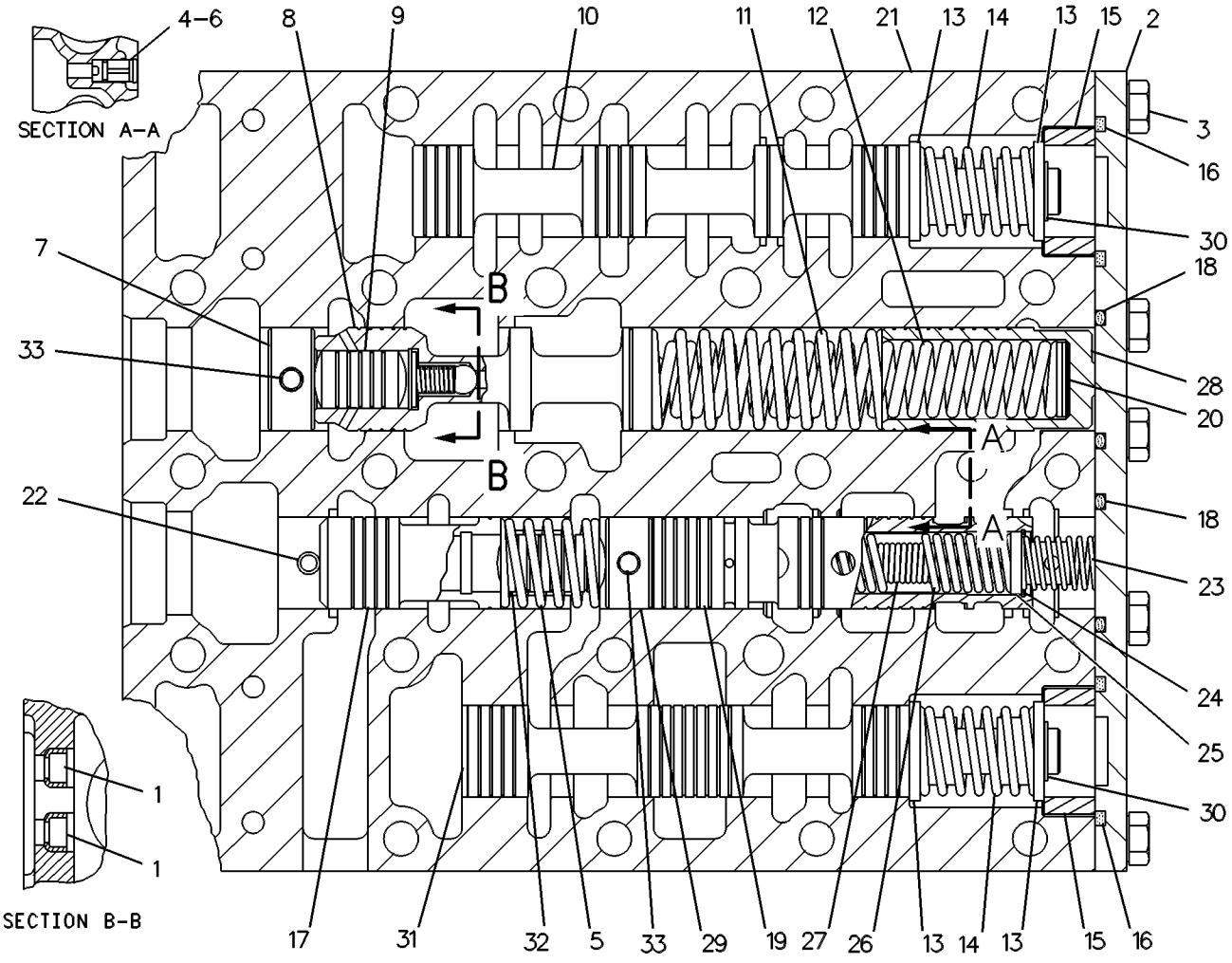
PART OF 8E-6393 VALVE GP-TRANSMISSION CONTROL

SMCS-3083 **i00173929**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8P-9296**	2	ORIFICE-PLUG	
	2	1	**6Y-0728**	1	COVER	
	3	1	**2B-2695**	5	BOLT (5/16-18X.875IN)	
	4	1	**9W-9830**	1	ORIFICE-SCREEN	
	5	1	**6P-4978**	1	SPRING	
	6	1	**5H-8853**	1	SEAL-O-RING (9.3MM ID)	
	7	1	**6P-4940**	1	STOP	
	8	1	**9W-5567**	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	
	9	1	**9W-5568**	1	SLUG	
	10	1	**6Y-0724**	1	SPOOL-SPEED SELECTOR	
	11	1	**7G-4842**	1	SPRING	
	12	1	**9P-3041**	1	SPRING	
	13	1	**6Y-0726**	4	RETAINER	
	14	1	**6I-9519**	2	SPRING	
	15	1	**6Y-0727**	2	STOP	
	16	1	**4J-0521**	2	SEAL-O-RING (34.52MM ID)	
	17	1	**6P-4943**	1	SPOOL-RATIO	
	18	1	**6F-6673**	2	SEAL-O-RING (31.34MM ID)	
	19	1	**8E-6433**	1	SPOOL-DIFFERENTIAL	
B	20	1	**5M-9622**	1	SPACER (1.6MM THK)	
B		1	**5M-9623**	1	SPACER (.9MM THK)	
B		1	**5M-9624**	3	SPACER (.25MM THK)	
	21	1	**106-0554**	1	BODY	
	22	1	**6Y-0744**	1	STOP	
	23	1	**6P-9785**	1	SPRING	
	24	1	**3P-8485**	1	RING-RETAINING	
	25	1	**6P-9786**	1	RETAINER	
	26	1	**6P-9784**	1	SPRING	
	27	1	**6P-9783**	1	SPRING	
	28	1	**9G-5301**	1	PISTON-LOAD	
	29	1	**2S-4872**	1	STOP	
	30	1	**5P-6261**	2	RING-RETAINING	
	31	1	**6Y-0725**	1	SPOOL-SELECTOR	
	32	1	**5S-7816**	1	SLUG	
	33	1	**2S-0696**	2	DOWEL	

B-USE AS REQUIRED

106-0550 VALVE GP-SELECTOR & PRESS CONT *(contd.)* i00173929



GRAPHIC #1 g00120763

3E-3748 VALVE GP-SOLENOID–TRANSMISSION CLUTCH

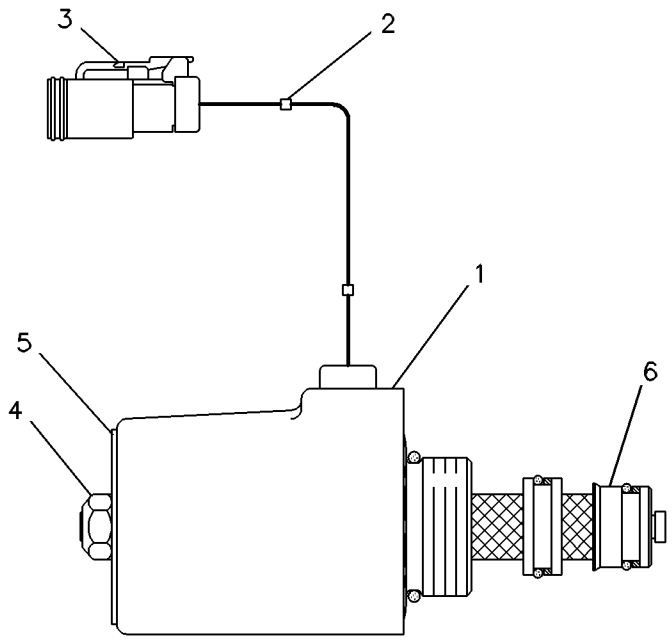
S/N 9XE900-UP

12 VOLT DC

PART OF 8E-6393 VALVE GP-TRANSMISSION CONTROL

SMCS-3174, 4804, 4805, 5479 **i00107716**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3E-3747**	1	COIL AS	
	2	1	**1S-9593**	2	STRAP-CABLE	
	3	1	**3E-3361**	1	PLUG AS-CONNECTOR	
		1	**8T-8730**	2	SOCKET-CONNECTOR	
		1	**3E-3362**	1	WEDGE-PLUG LOCK	
	4	1	**104-5970**	1	LOCKNUT	
	5	1	**4B-4276**	1	WASHER (1.6MM THK)	
	6	1	**7X-1121**	1	CARTRIDGE AS	
					AVAILABLE REPAIR KIT(S):	
			100-4083	1	KIT-SEAL	



GRAPHIC #1 g00083412

8E-8427 VALVE GP-TORQUE CONV PRIORITY

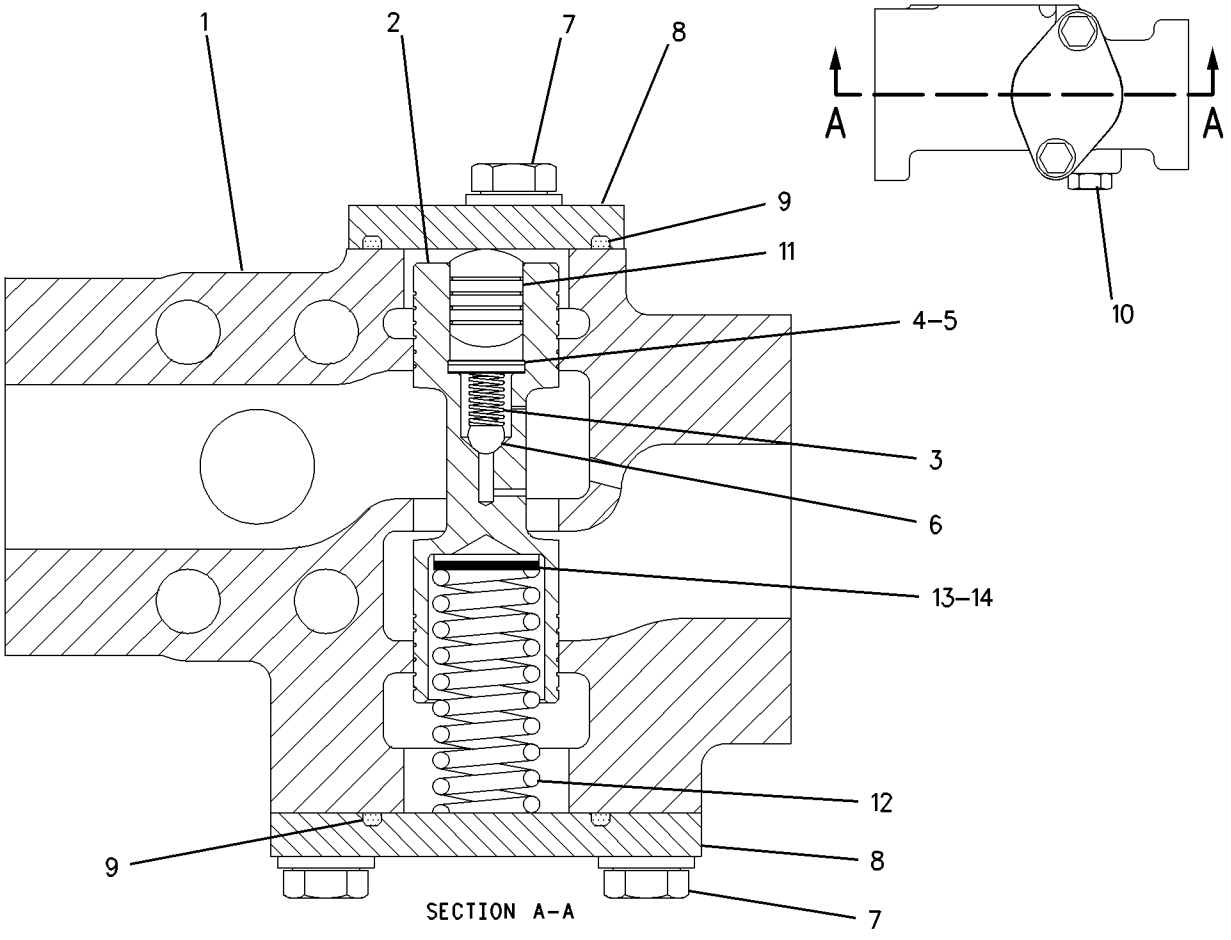
PIN 2KZ1-UP

PART OF 8R-5683 LINES GP-POWER TRAIN OIL

SMCS-3180 **i01227901**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	*8E-9277*	1	BODY AS-VALVE	
		1	**2D-6642**	1	BALL	
	2	1	**8E-8275**	1	SPOOL AS	
	3	1	**4M-2381**	1	SPRING	
	4	1	**3D-8317**	1	RING-RETAINING	
	5	1	**8M-1013**	1	RETAINER	
	6	1	**4B-9880**	1	BALL	
M	7	1	**8T-4136**	4	BOLT (M10X1.50X25MM)	
		1	**8T-4121**	4	WASHER-HARD (2.5MM THK)	
	8	1	**9M-1164**	2	COVER	
	9	1	**8M-5661**	2	SEAL-O-RING (47.22MM ID)	
	10	1	**9S-4191**	1	PLUG-O-RING (9/16-18 THD)	
		1	**3J-1907**	1	SEAL-O-RING (11.89MM ID)	
	11	1	**2M-7041**	1	SLUG	
	12	1	**8E-8273**	1	SPRING	
B	13	1	**8S-6214**	3	SPACER (0.41MM THK)	
B	14	1	**8S-6215**	3	SPACER (0.92MM THK)	

B-USE AS REQUIRED
M-METRIC PART



GRAPHIC #1 g00656463

8E-6393 VALVE GP-TRANSMISSION CONTROL

S/N 9XE900-UP

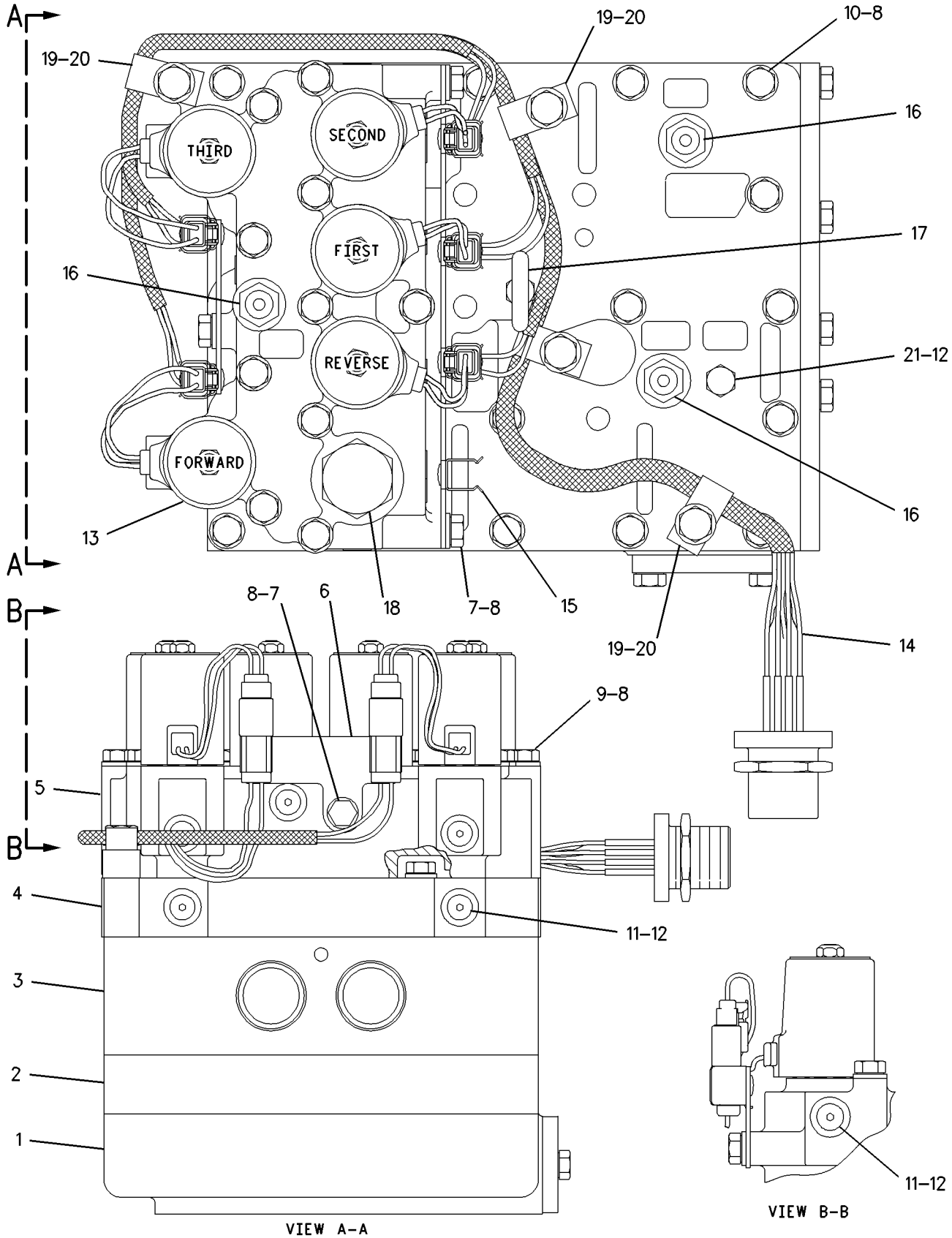
PART OF 8E-6392 CONTROL GP-TRANSMISSION HYD

SMCS-3073, 3167 **i01247144**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**8E-6398**	1	VALVE GP-SELECTOR	332
	2	1	**8E-4320**	1	PLATE	
CY	3	1	**106-0550**	1	VALVE GP-SELECTOR & PRESS CONT	334
C	4	1	**106-0553**	1	MANIFOLD-TOP	
	5	1	**8E-4387**	1	MANIFOLD	
	6	1	**8E-7841**	1	CLIP AS-CONNECTING	
	7	1	**2B-2695**	3	BOLT (5/16-18X.875IN)	
	8	1	**9M-1974**	34	WASHER-HARD (2MM THK)	
	9	1	**1D-4540**	10	BOLT (5/16-18X2.75IN)	
	10	1	**5L-1761**	21	BOLT (5/16-18X5.5IN)	
	11	1	**9S-8007**	12	PLUG-O-RING (3/8-24 THD)	
	12	1	**7J-0204**	13	SEAL-O-RING (7.65MM ID)	
Y	13	1	**3E-3748**	5	VALVE GP-SOLENOID (TRANSMISSION CLUTCH)	336
	14	1	**104-6728**	1	HARNESS AS	
	15	1	**8E-7842**	1	CLIP AS-CONNECTING	
	16	1	**6V-3965**	3	FITTING AS	
		1	**3J-1907**	3	SEAL-O-RING (11.89MM ID)	
	17	1	**1P-7404**	1	EYEBOLT	
		1	**5S-0003**	1	NUT (5/16-18 THD)	
	18	1	**6Y-0789**	1	PLUG	
		1	**3D-2824**	1	SEAL-O-RING (23.47MM ID)	
		1	**3P-0647**	1	SEAL-O-RING (13.94MM ID)	
	19	1	**8M-2772**	4	CLIP (6.35MM ID)	
	20	1	**0S-1588**	4	BOLT (3/8-16X1.25IN)	
		1	**5M-2894**	4	WASHER (2.5MM THK)	
		1	**1L-5081**	4	SPACER (9/16IN THK)	
	21	1	**1N-5999**	1	PLUG (3/8-24 THD)	

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION

8E-6393 **VALVE GP-TRANSMISSION CONTROL** ***(contd.)*** **i01247144**



GRAPHIC #1

g00665385

9U-3022 WHEEL & FINAL DRIVE GP

PIN 2KZ1-UP

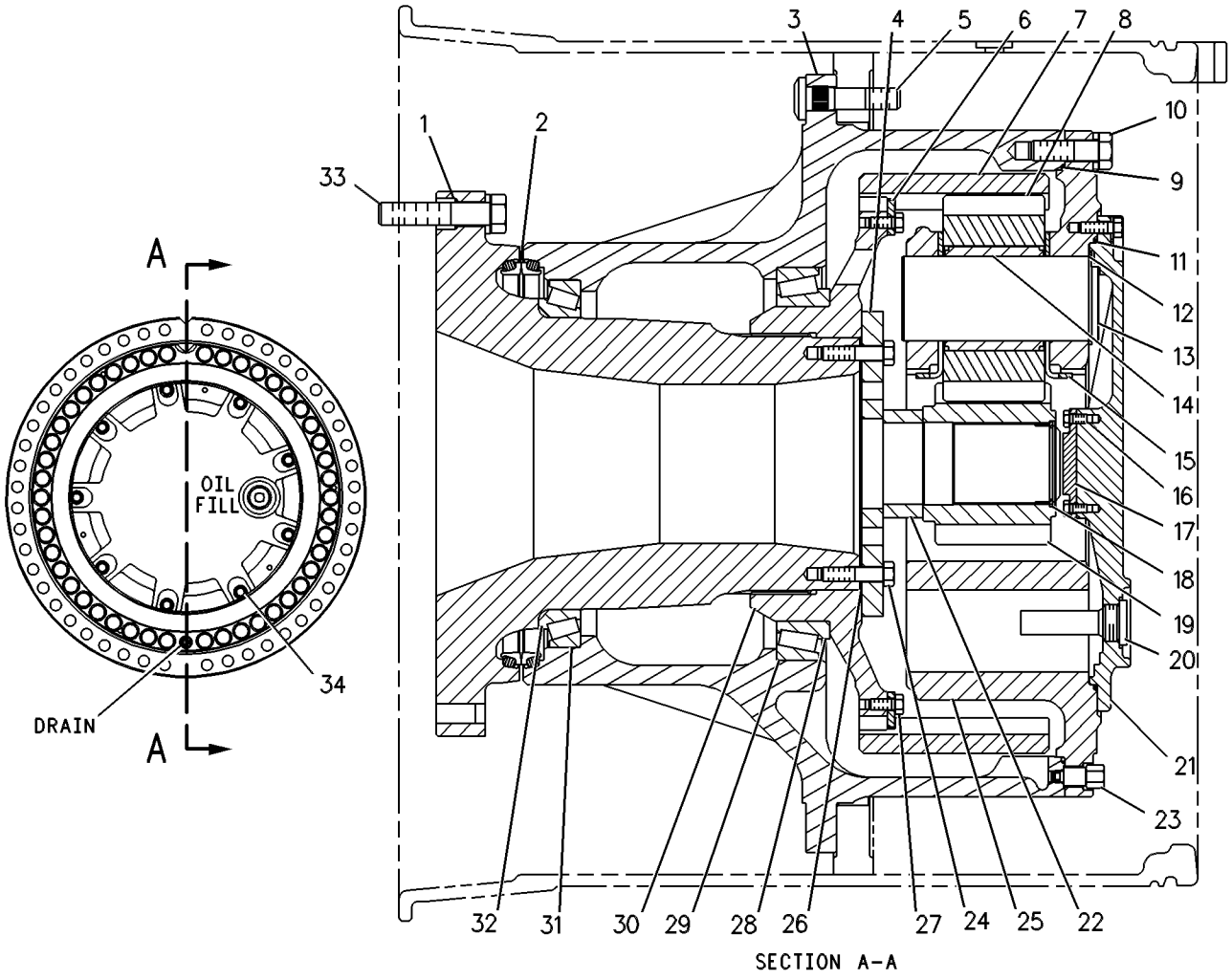
PART OF 8R-5470 AXLE AR-FIXED, 154-6380 AXLE AR-OSCILLATING

SMCS-4001, 4051 **i01243473**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**116-6260**	1	SPINDLE	
	2	1	**147-5507**	1	SEAL GP-DUO-CONE	
	3	1	**9U-3388**	1	WHEEL	
	4	1	**105-3624**	1	RETAINER	
	5	1	**9U-1740**	48	STUD	
	6	1	**5T-7676**	4	RETAINER	
	7	1	**9U-2975**	1	GEAR-RING (60 TEETH)	
	8	1	**9U-2974**	3	GEAR-PLANETARY (21 TEETH)	
	9	1	**8D-5096**	1	SEAL-O-RING (643.38MM ID)	
	10	1	**1D-4627**	46	BOLT (7/8-9X3IN)	
		1	**9H-1031**	46	WASHER-HARD (6.0MM THK)	
	11	1	**9H-0846**	1	SEAL-O-RING (494.66MM ID)	
	12	1	**1V-6656**	3	RING-RETAINING	
	13	1	**4E-5870**	3	SHAFT-PLANETARY	
	14	1	**108-1554**	3	BEARING-SLEEVE	
	15	1	**9U-3390**	6	WASHER-THRUST	
	16	1	**030-8535**	4	BOLT-LOCKING (3/8-16X.875IN)	
	17	1	**2G-4553**	1	PLATE	
	18	1	**1V-6659**	1	RING-RETAINING	
	19	1	**9U-2973**	1	GEAR-SUN (15 TEETH)	
	20	1	**6V-3298**	1	PLUG-MAGNETIC	
		1	**2S-4078**	1	SEAL-O-RING (37.46MM ID)	
	21	1	**9U-3386**	1	COVER	
	22	1	**151-6973**	1	SPACER	
	23	1	**5K-7696**	1	PLUG	
		1	**3J-1907**	1	SEAL-O-RING (11.89MM ID)	
	24	1	**1A-8537**	20	BOLT (5/8-11X2.75IN)	
	25	1	**9U-3389**	1	CARRIER-PLANETARY	
B	26	1	**6W-7350**	1	SHIM PACK (INCLUDES 14 SHIMS)	
	27	1	**5K-8454**	8	BOLT (1/2-13X1.12 IN)	
	28	1	**9U-9662**	1	CONE-ROLLER BEARING	
	29	1	**9U-9661**	1	CUP-ROLLER BEARING	
	30	1	**9U-3391**	1	HUB-REACTION	
C	31	1	**126-5860**	1	CUP-TAPERED	
C	32	1	**126-5859**	1	CONE-TAPERED	
	33	1	**1D-4642**	4	BOLT (1-8X5IN)	
		1	**9M-2828**	4	WASHER-HARD (8.0MM THK)	
	34	1	**0S-1585**	9	BOLT (1/2-13X1.50IN)	
		1	**5P-8245**	9	WASHER-HARD (3MM THK)	

B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE

9U-3022 WHEEL & FINAL DRIVE GP *(contd.)* i01243473



GRAPHIC #1 g00122335

125-1144 BUMPER GP-REAR

PIN 2KZ1-UP

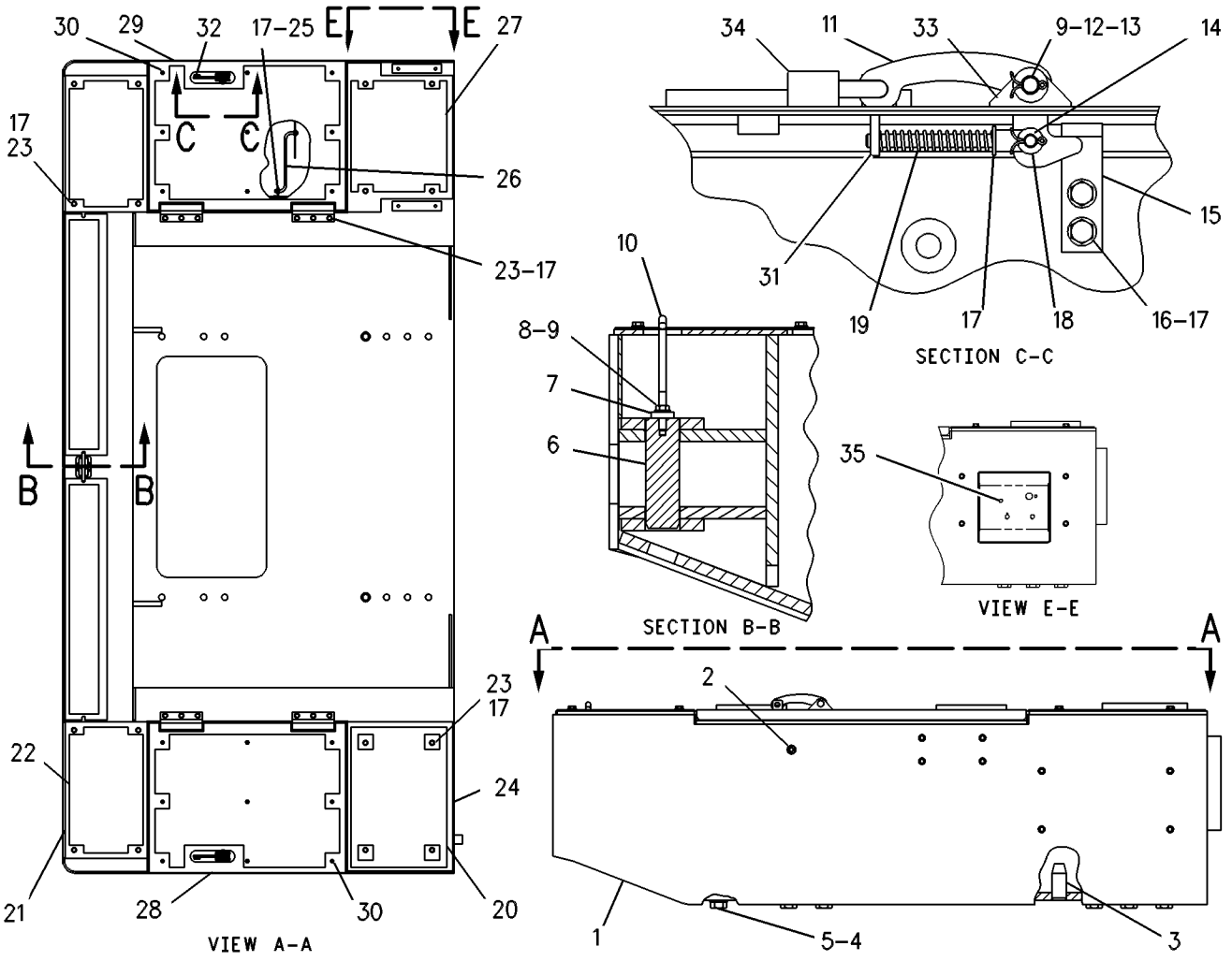
PART OF 152-9752 CHASSIS AR

SMCS-7156 **i01229188**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**125-1145**	1	BUMPER AS	
		1	**6V-1635**	12	RIVET-POP	
		1	**4E-7829**	2	BLOCK	
M		1	**8T-3490**	12	NUT-WELD (M10X1.5 THD)	
M		1	**8T-3597**	16	NUT-WELD (M12X1.75 THD)	
	2	1	**4E-9452**	2	BEARING	
	3	1	**6M-1622**	2	DOWEL (1.494 ODX3.69IN OAL)	
M	4	1	**7X-2575**	12	BOLT (M24X3X60MM)	
	5	1	**7X-0616**	12	WASHER-HARD (6MM THK)	
	6	1	**1V-0134**	1	PIN	
	7	1	**4V-1074**	1	PLATE	
	8	1	**3H-3680**	1	NUT-JAM (1/2-13 THD)	
	9	1	**8T-4223**	3	WASHER-HARD (3MM THK)	
	10	1	**4E-7781**	1	HANDLE AS	
	11	1	**1H-7365**	2	HANDLE-LATCH	
	12	1	**3B-4617**	4	COTTER	
	13	1	**3B-8153**	2	PIN-CLEVIS	
	14	1	**1B-0676**	2	PIN	
	15	1	**7I-3457**	2	STRIKER	
M	16	1	**8T-4136**	4	BOLT (M10X1.50X25MM)	
	17	1	**7X-7729**	36	WASHER (3MM THK)	
	18	1	**1H-7366**	2	PUSHROD-LATCH	
	19	1	**1B-9920**	2	SPRING	
	20	1	**7I-3456**	1	TREAD-RH	
	21	1	**4E-8308**	2	PLATE	
	22	1	**4E-8315**	2	TREAD	
M	23	1	**8T-4196**	28	BOLT (M10X1.50X35MM)	
	24	1	**4E-8309**	2	PLATE	
	25	1	**3B-4610**	2	COTTER	
	26	1	**4E-2732**	2	ROD AS	
	27	1	**4E-8314**	1	TREAD	
	28	1	**4E-7782**	1	DOOR AS (RH)	
	29	1	**7I-3455**	1	DOOR AS-LH	
					(EACH DOOR AS INCLUDES)	
	30	1	**6V-2370**	9	RIVET-POP	
	31	1	**2M-3881**	1	LUG	
	32	1	**1H-7263**	1	LUG	
	33	1	**1H-7262**	2	LUG	
	34	1	**5P-8502**	2	PADLOCK GP	
					(EACH INCLUDES)	
A		1	**5P-8500**	1	KEY	
A		1	**8Y-6364**	1	SLEEVE	
	35	1	**147-3719**	1	PLUG-BUTTON	

A-NOT PART OF THIS GROUP
M-METRIC PART

125-1144 **BUMPER GP-REAR** *(contd.)* **i01229188**



GRAPHIC #1

g00560638

8R-5628 ENCLOSURE GP-HYDRAULIC TANK

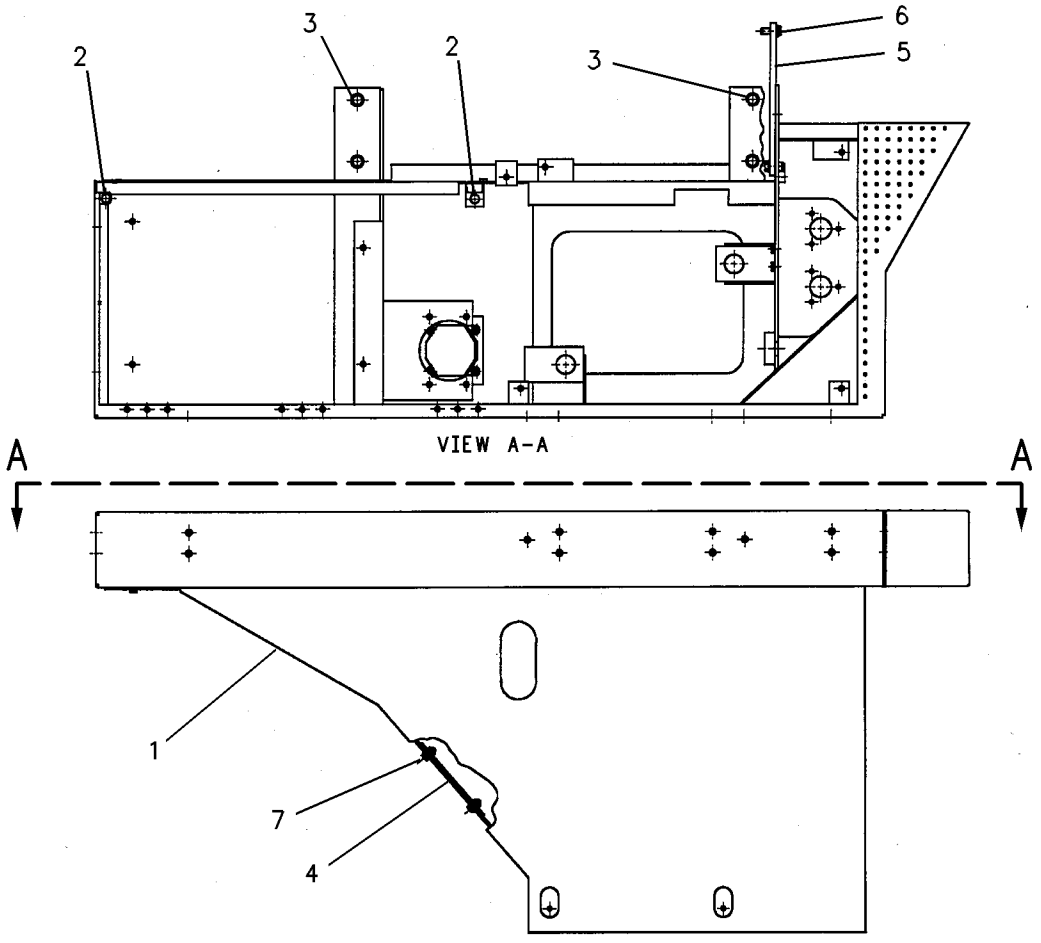
PIN 2KZ1-UP

PART OF 152-9752 CHASSIS AR

SMCS-5056 **i00174588**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9U-4759**	1	ENCLOSURE AS	
	2	1	**9M-5884**	2	BUMPER	
M	3	1	**7X-2563**	4	BOLT (M20X2.5X60MM)	
		1	**8T-4123**	4	WASHER-PLATED (3.5MM THK)	
	4	1	**4E-9730**	1	PLATE	
	5	1	**101-2062**	1	PLATE	
M	6	1	**8T-7338**	4	BOLT (M16X2.0X45MM)	
		1	**8T-4122**	4	WASHER (3.5MM THK)	
M	7	1	**8T-4139**	4	BOLT (M12X1.75X30MM)	
		1	**8T-4223**	4	WASHER-HARD (3MM THK)	

M-METRIC PART



GRAPHIC #1 g00119773

FRAME AND BODY

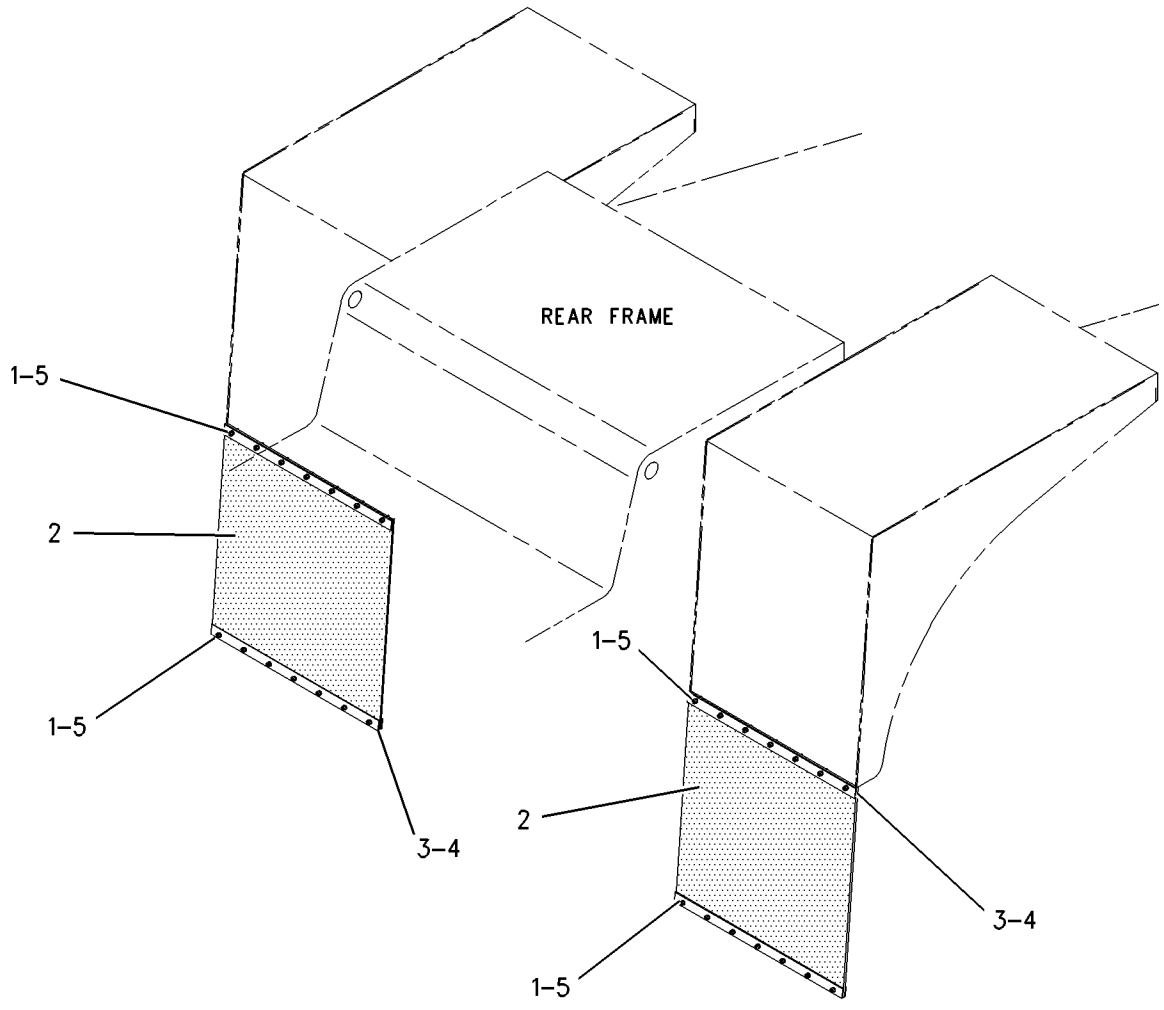
168-6996 FENDER GP

PIN 2KZ1-UP

PART OF 152-9752 CHASSIS AR

SMCS-7252 **i01243466**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3B-4507**	28	LOCKWASHER (7/16)	
	2	1	**152-9747**	2	MUD FLAP	
	3	1	**152-9748**	6	BAR-FENDER	
	4	1	**0T-0772**	28	BOLT (7/16-14X1.5IN)	
	5	1	**7X-0447**	28	NUT (7/16-14 THD)	



GRAPHIC #1 g00664180

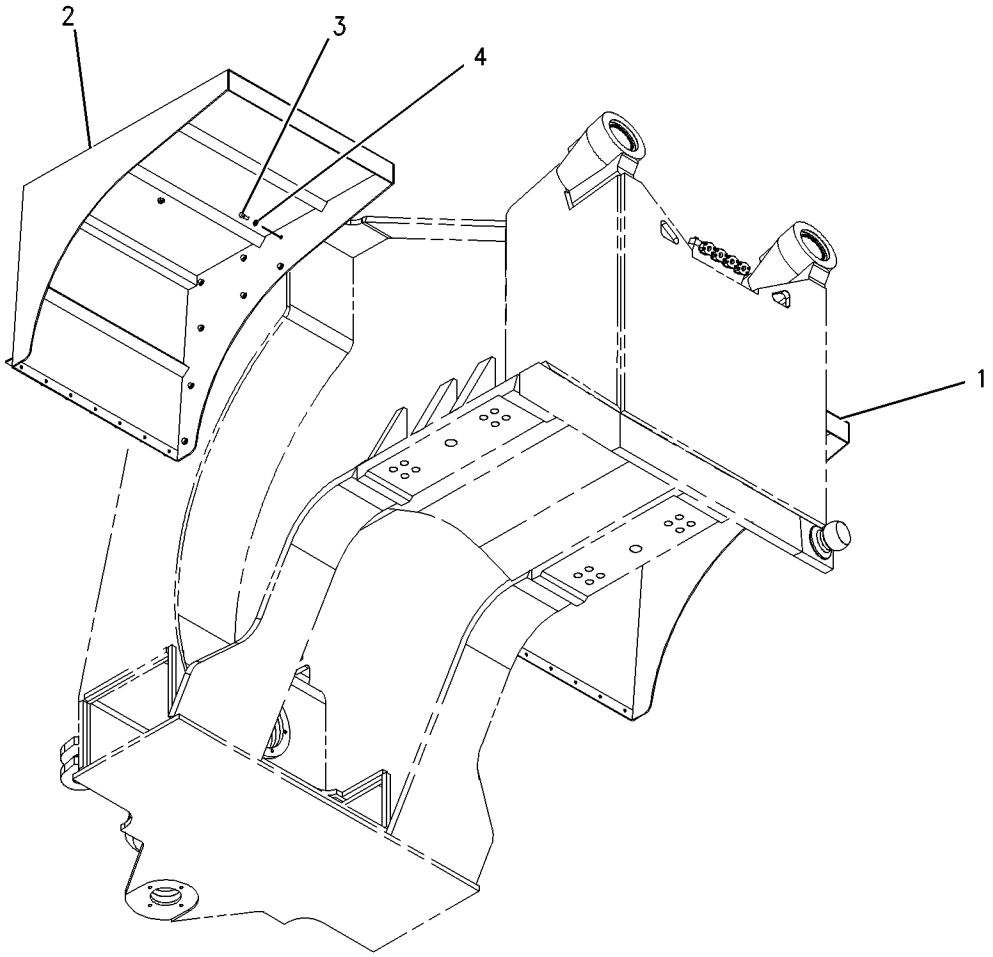
152-9754 FENDER GP-FRONT

PIN 2KZ1-UP

PART OF 152-9752 CHASSIS AR

SMCS-7252 **i01250739**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**152-9764**	1	FENDER AS-LH	
		1	**3J-5169**	1	NUT (5/8-11 THD)	
	2	1	**152-9765**	1	FENDER AS-RH	
		1	**3J-5169**	1	NUT (5/8-11 THD)	
	3	1	**5C-6565**	16	BOLT (1/2-13X1.25IN)	
	4	1	**5P-1076**	16	WASHER-HARD (4MM THK)	



GRAPHIC #1 g00543601

FRAME AND BODY

8R-5630 FIREWALL GP

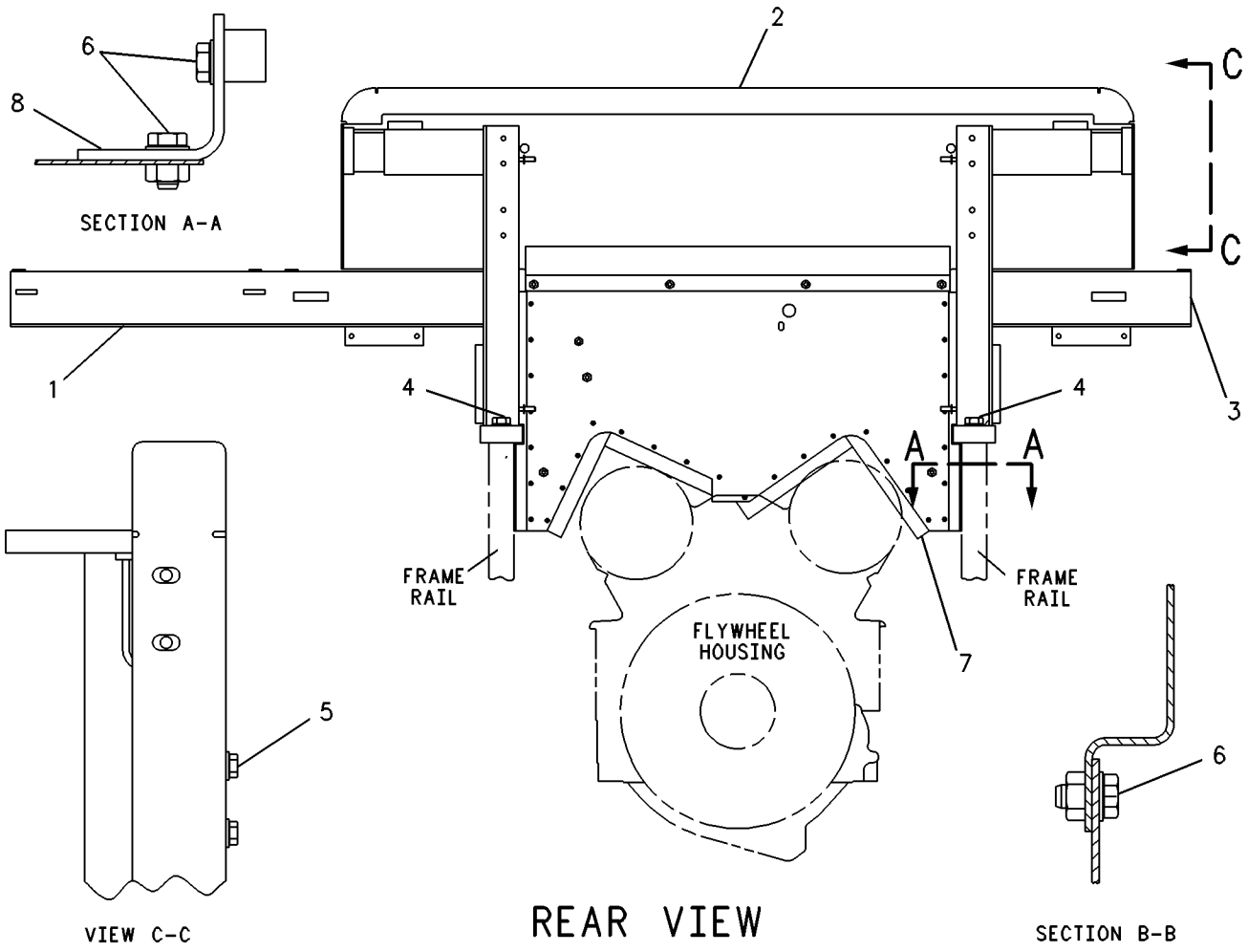
PIN 2KZ1-UP

PART OF 152-9752 CHASSIS AR

SMCS-7262 **i00638821**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9U-0146**	1	SUPPORT AS-LH	
M		1	**8T-9087**	2	STUD-WELD (M10X1.5X25.1 MM)	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5 THD)	
	2	1	**9U-0160**	1	PANEL AS	
M		1	**8T-3490**	4	NUT-WELD (M10X1.5 THD)	
	3	1	**9U-0135**	1	SUPPORT AS-RH	
M		1	**8T-9087**	2	STUD-WELD (M10X1.5X25.1 MM)	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5 THD)	
M	4	1	**6V-8133**	4	BOLT (M24X3.0X80MM)	
		1	**6V-8237**	4	WASHER (4.0MM THK)	
M	5	1	**8T-4179**	4	BOLT (M12X1.75X20MM)	
		1	**8T-4223**	4	WASHER-HARD (3MM THK)	
M	6	1	**8T-4137**	8	BOLT (M10X1.50X20MM)	
		1	**8T-4121**	8	WASHER (2.5MM THK)	
	7	1	**9U-0161**	1	SHEET AS	
		1	**9M-5732**	31	RIVET-POP (4.78MM DIA)	
M		1	**8T-3490**	4	NUT-WELD (M10X1.5 THD)	
	8	1	**7V-8299**	2	BRACKET	

M-METRIC PART



GRAPHIC #1 g00119832

153-5950 FRAME AS-REAR

PIN 2KZ1-UP

PART OF 148-5669 SUPPRESSION AR-SOUND

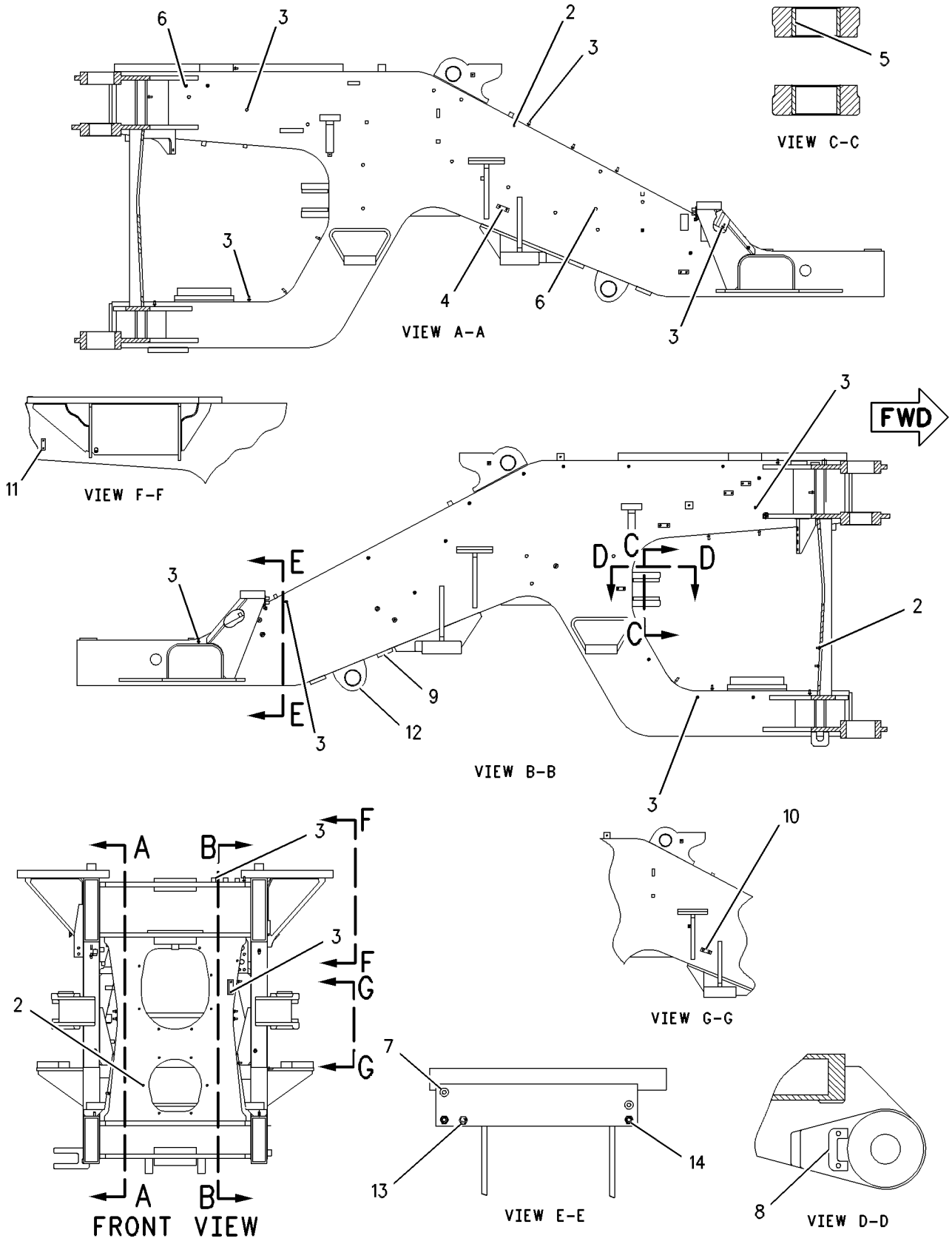
AN ATTACHMENT

SMCS-7051 **i00888099**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	2	1	**8T-4219**	30	STUD-WELD (M10X1.5X17.5MM)	
M	3	1	**110-2023**	56	STUD-WELD (M10X1.5X25 MM)	
	4	1	**8X-4719**	4	BAR	
	5	1	**4E-8078**	4	BEARING-SLEEVE	
M	6	1	**8T-3635**	5	STUD (M12X1.75X34.93MM)	
	7	1	**9R-2613**	7	BOSS (M10X1.5X25.0MM)	
	8	1	**4E-8079**	2	RETAINER	
	9	1	**9C-7863**	6	BLOCK	
	10	1	**8X-5952**	1	BLOCK	
	11	1	**9C-4935**	1	PLATE	
	12	1	**7K-1972**	2	EYE	
M	13	1	**8T-3597**	4	NUT-WELD (M12X1.75 THD)	
M	14	1	**8T-3490**	2	NUT-WELD (M10X1.5 THD)	

M-METRIC PART

153-5950 FRAME AS-REAR *(contd.)* **i00888099**



GRAPHIC #1 g00453782

FRAME AND BODY

149-5954 FRAME GP-FRONT

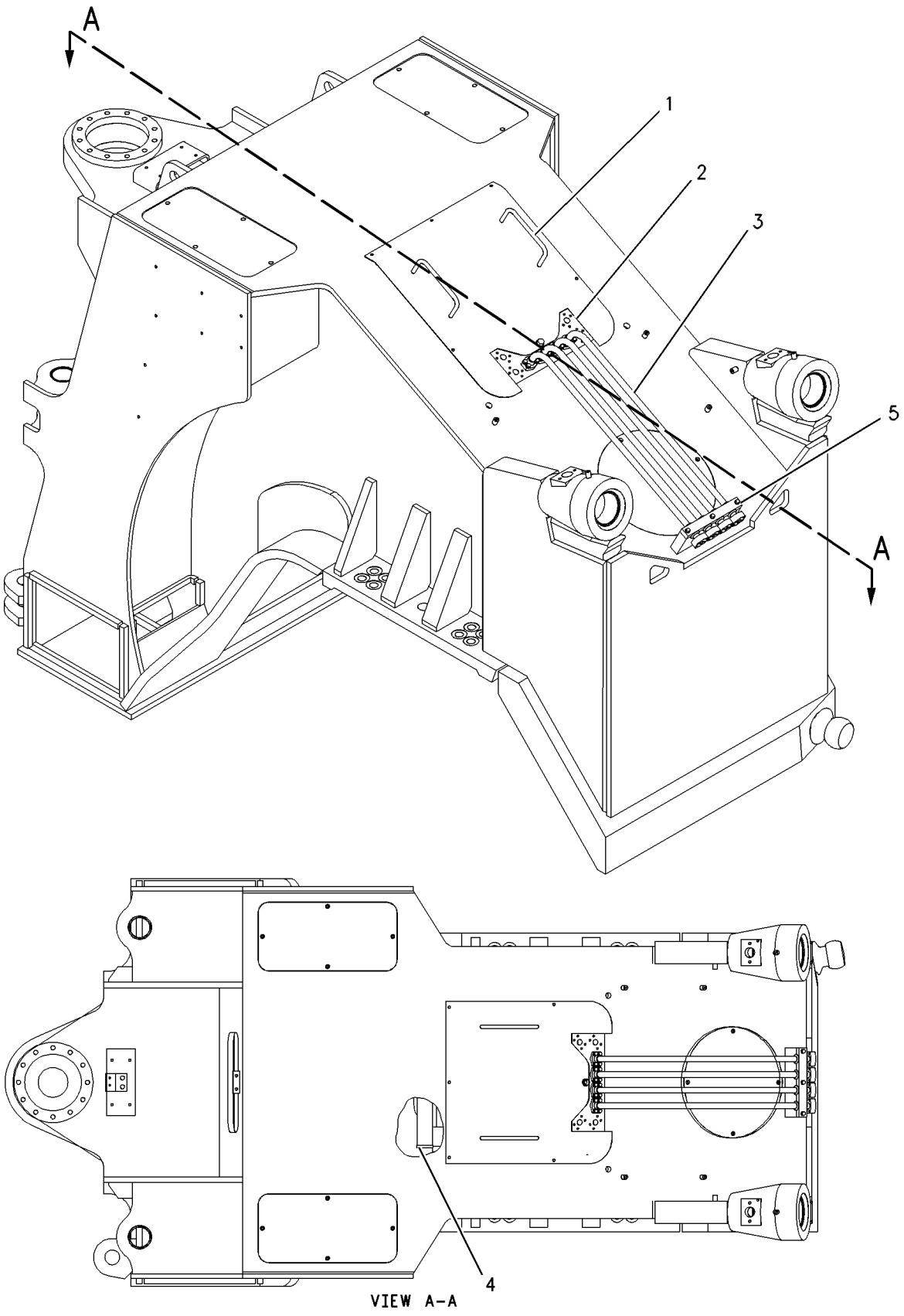
PIN 2KZ1-UP

PART OF 152-9752 CHASSIS AR

SMCS-7054 **i01230257**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**155-5365**	1	COVER	
	2	1	**155-5366**	1	MANIFOLD GP-HYDRAULIC	
		1	**3D-2824**	7	SEAL-O-RING (23.47MM ID)	
		1	**4J-7533**	1	SEAL-O-RING (6.07MM ID)	
		1	**9S-4180**	1	PLUG-O-RING (5/16-24 THD)	
		1	**9S-8008**	7	PLUG-O-RING (1 1/16-12 THD)	
	3	1	**155-5367**	4	TUBE AS	
	4	1	**155-5371**	1	MANIFOLD	
	5	1	**155-5373**	1	CLAMP AS	
		1	**0S-1571**	3	BOLT (3/8-16X1.75IN)	
		1	**5M-2894**	3	WASHER (2.5MM THK)	

149-5954 **FRAME GP-FRONT** ***(contd.)*** **i01230257**



GRAPHIC #1 g00537335

154-7212 FRAME GP-REAR

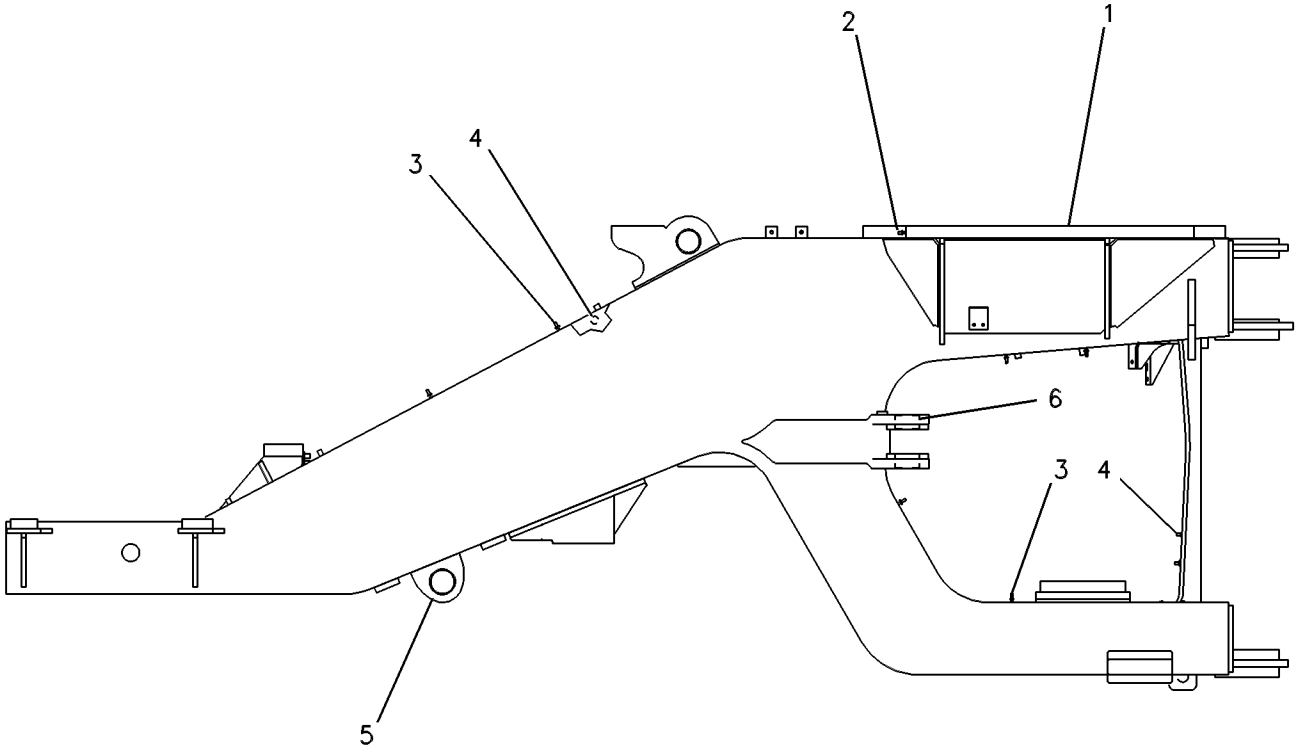
PIN 2KZ1-UP

PART OF 152-9752 CHASSIS AR

SMCS-7051 **i00744537**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-5738**	1	FRAME AS-ENGINE END	
M	2	1	**8T-3635**	5	STUD (M12X1.75X34.93MM)	
M	3	1	**110-2023**	54	STUD-WELD (M10X1.5X25 MM)	
M	4	1	**8T-4219**	3	STUD-WELD (M10X1.5X17.5MM)	
	5	1	**7K-1972**	2	EYE	
	6	1	**4E-8078**	4	BEARING-SLEEVE	

M-METRIC PART



RIGHT SIDE VIEW

GRAPHIC #1 g00121487

4E-9817 GUARD GP-CRANKCASE

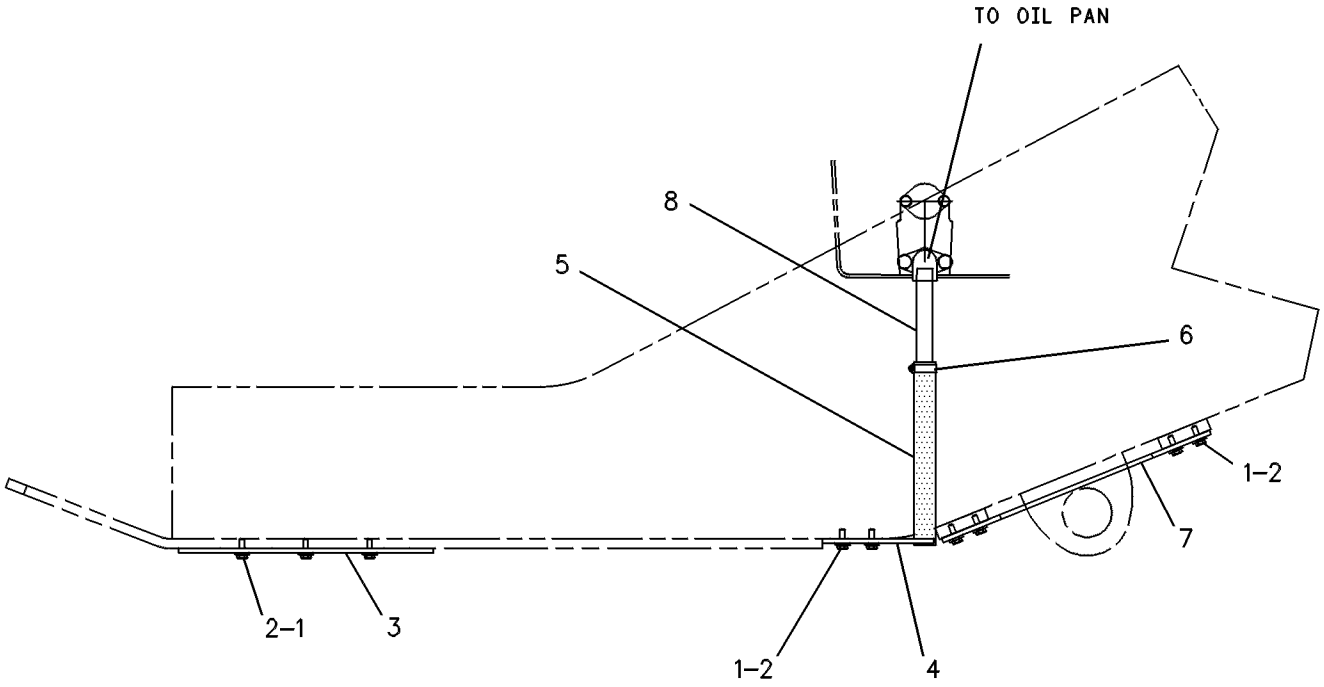
PIN 2KZ1-UP

PART OF 152-9752 CHASSIS AR

SMCS-7151 **i00174716**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7X-0618**	18	WASHER-HARD (5.0MM THK)	
M	2	1	**7X-7478**	18	BOLT-LOCKING (M12X1.75X35MM)	
	3	1	**4E-9818**	1	GUARD	
	4	1	**4E-9819**	1	GUARD	
BE	5	1	**5P-1254**		HOSE	
	6	1	**9M-2904**	1	CLAMP-HOSE	
	7	1	**4E-9820**	1	GUARD	
	8	1	**2N-3600**	1	PIPE	

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



GRAPHIC #1 g00120141

8R-5635 GUARD GP-POWER TRAIN

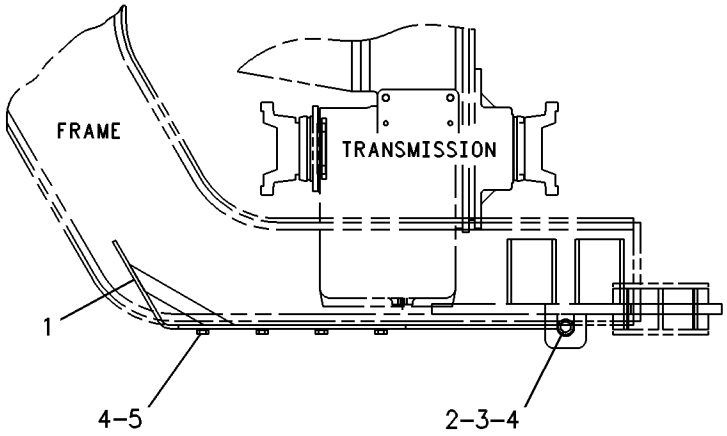
PIN 2KZ1-UP

PART OF 152-9752 CHASSIS AR

SMCS-7153 **i00174625**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9U-1328**	1	GUARD AS	
	2	1	**7T-3264**	2	SPACER	
M	3	1	**8T-4141**	2	BOLT (M20X2.5X70MM)	
	4	1	**8T-4123**	10	WASHER-PLATED (3.5MM THK)	
M	5	1	**8T-6430**	8	BOLT (M20X2.5X50MM)	

M-METRIC PART



GRAPHIC #1 g00119817

MEMORANDA

8R-5636 GUARD GP-RADIATOR

PIN 2KZ1-UP

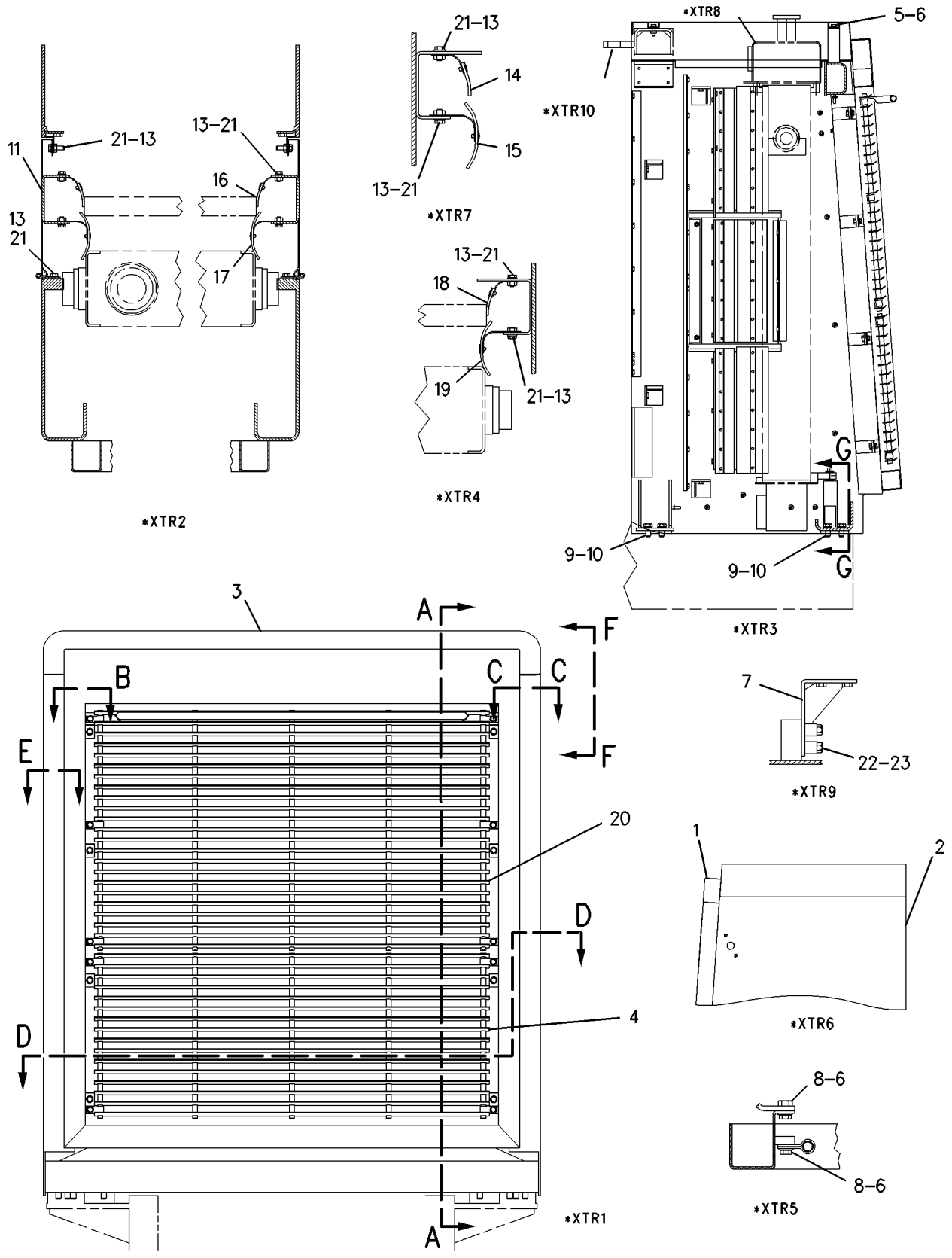
PART OF 152-9752 CHASSIS AR

SMCS-7155 **i01229191**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-9110**	1	FRAME AS	
	2	1	**137-0227**	1	GUARD AS-RADIATOR	
M		1	**8T-3490**	44	NUT-WELD (M10X1.5 THD)	
M		1	**8T-3597**	18	NUT-WELD (M12X1.75 THD)	
M		1	**8T-9087**	4	STUD-WELD (M10X1.5X25.1 MM)	
M		1	**110-2023**	13	STUD-WELD (M10X1.5X25 MM)	
	3	1	**4E-9126**	1	COVER AS	
M		1	**8T-3490**	4	NUT-WELD (M10X1.5 THD)	
M		1	**8T-3597**	2	NUT-WELD (M12X1.75 THD)	
	4	1	**4E-9115**	1	GRILL AS	
M	5	1	**8T-4183**	8	BOLT (M12X1.75X40 MM)	
	6	1	**8T-4223**	26	WASHER-HARD (3MM THK)	
	7	1	**140-9079**	1	PLATE AS	
		1	**140-9078**	1	PLATE AS	
M		1	**8T-3597**	4	NUT-WELD (M12X1.75 THD)	
M	8	1	**8T-4192**	18	BOLT (M12X1.75X25MM)	
	9	1	**8T-4123**	12	WASHER-PLATED (3.5MM THK)	
M	10	1	**7X-2562**	12	BOLT (M20X2.5X45MM)	
	11	1	**4E-7957**	2	DOOR AS	
	13	1	**7X-7729**	48	WASHER (3MM THK)	
	14	1	**4E-7952**	2	BAFFLE AS	
					(EACH INCLUDES)	
M		1	**8T-3490**	5	NUT-WELD (M10X1.5 THD)	
		1	**033-9412**	14	RIVET	
	15	1	**4E-9223**	1	BAFFLE AS	
M		1	**8T-3490**	5	NUT-WELD (M10X1.5 THD)	
		1	**033-9412**	14	RIVET	
	16	1	**4E-9221**	2	BAFFLE AS	
					(EACH INCLUDES)	
		1	**033-9412**	7	RIVET	
M		1	**8T-3490**	4	NUT-WELD (M10X1.5 THD)	
	17	1	**4E-9222**	2	BAFFLE AS	
					(EACH INCLUDES)	
M		1	**8T-3490**	4	NUT-WELD (M10X1.5 THD)	
		1	**033-9412**	7	RIVET	
	18	1	**7I-3087**	2	BAFFLE AS	
					(EACH INCLUDES)	
M		1	**8T-3490**	3	NUT-WELD (M10X1.5 THD)	
		1	**033-9412**	7	RIVET	
	19	1	**7I-3088**	2	BAFFLE AS	
					(EACH INCLUDES)	
M		1	**8T-3490**	3	NUT-WELD (M10X1.5 THD)	
		1	**033-9412**	7	RIVET	
	20	1	**7I-3089**	1	GRILL AS	
		1	**9K-1234**	6	CLIP	
M	21	1	**8T-4196**	48	BOLT (M10X1.50X35MM)	
	22	1	**146-5067**	4	SPACER	
M	23	1	**8T-4194**	4	BOLT (M12X1.75X50MM)	

M-METRIC PART

8R-5636 **GUARD GP-RADIATOR** *(contd.)* **i01229191**



GRAPHIC #1 g00657319

8R-5637 HITCH GP-ARTICULATING

PIN 2KZ1-UP

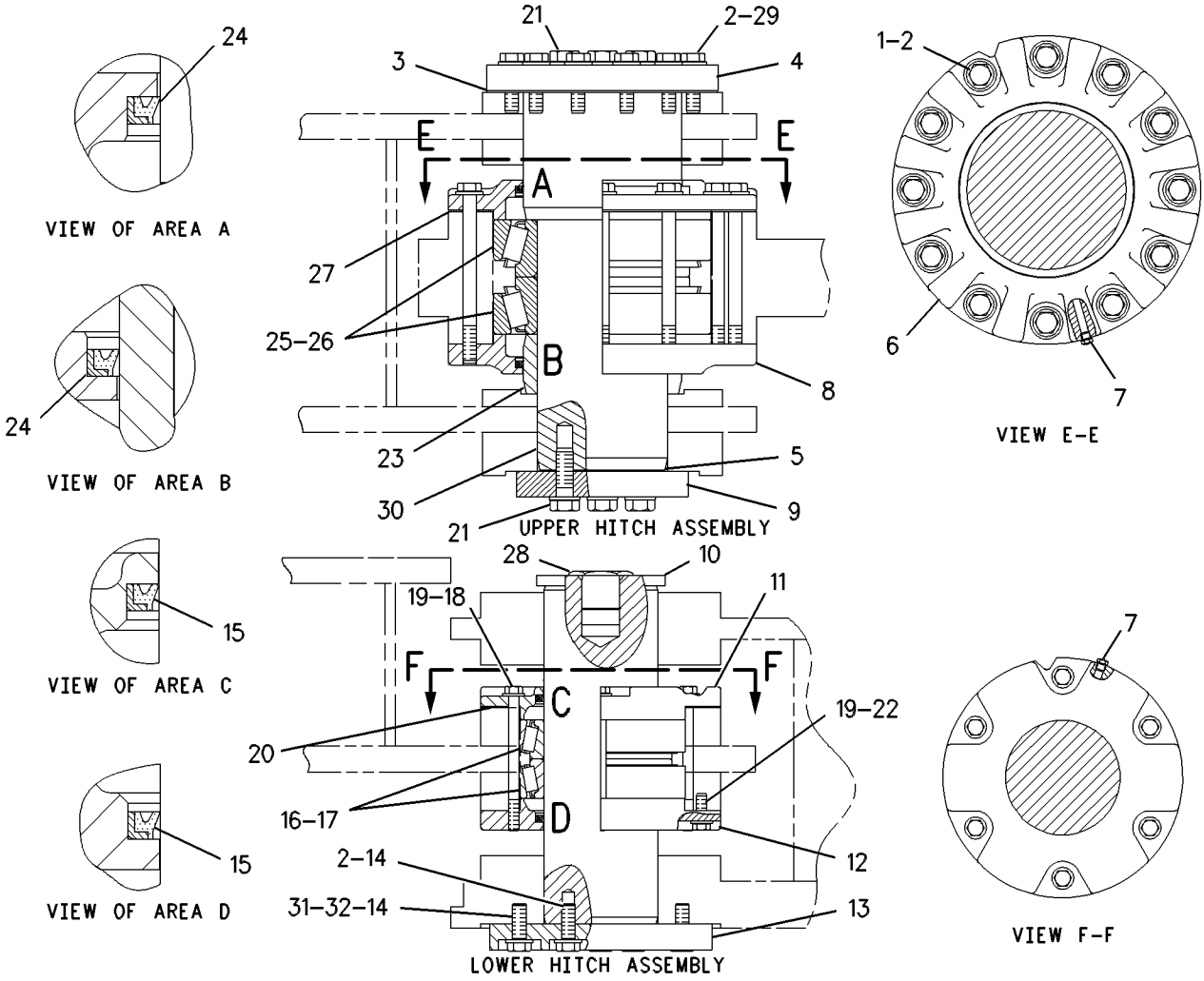
PART OF 152-9752 CHASSIS AR

SMCS-7057, 7100 **i01251876**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**6C-5303**	12	BOLT (M16X2X200MM)	
	2	1	**8T-4122**	28	WASHER (3.5MM THK)	
B	3	1	**4E-8157**	2	SHIM PACK (INCL 26 SHIMS)	
	4	1	**4E-8153**	1	PLATE	
B	5	1	**117-0292**	1	SHIM PACK (INCL 26 SHIMS)	
	6	1	**4E-8154**	1	CAP-UPPER	
	7	1	**4B-4550**	2	FITTING-RELIEF (1/8-27 PTF)	
	8	1	**4E-8155**	1	CAP-LOWER	
	9	1	**148-5652**	1	PLATE	
	10	1	**4E-8158**	1	PIN	
	11	1	**4E-8160**	1	CAP-UPPER	
	12	1	**4E-8161**	1	CAP-LOWER	
	13	1	**174-1485**	1	PLATE	
M	14	1	**8T-7338**	8	BOLT (M16X2.0X45MM)	
	15	1	**5P-2673**	2	SEAL-LIP	
	16	1	**5F-1248**	2	CONE-ROLLER BEARING	
	17	1	**5D-7449**	2	CUP-ROLLER BEARING	
M	18	1	**8T-7930**	6	BOLT (M12X1.75X160MM)	
	19	1	**8T-4223**	9	WASHER-HARD (3MM THK)	
B	20	1	**4E-8162**	1	SHIM PACK (INCLUDES 26 SHIMS)	
M	21	1	**106-4175**	12	BOLT	
		1	**8T-4123**	12	WASHER-PLATED (3.5MM THK)	
M	22	1	**8T-4956**	3	BOLT (M12X1.75X35MM)	
	23	1	**1V-8443**	1	SPACER	
	24	1	**5P-9609**	2	SEAL-LIP	
	25	1	**1B-6577**	2	CONE-ROLLER BEARING	
	26	1	**2J-2152**	2	CUP-ROLLER BEARING	
B	27	1	**4E-8156**	1	SHIM PACK (INCLUDES 26 SHIMS)	
	28	1	**087-3533**	1	CAP	
M	29	1	**6V-3303**	12	BOLT (M16X2.0X60MM)	
	30	1	**4E-8152**	1	PIN	
AB		1	**5P-0960**		GREASE-CARTRIDGE (MOLYBDENUM GREASE)	
AB		1	**5P-3931**		COMPOUND-ANTI-SEIZE	
	31	1	**8G-5258**	4	SPACER (20MM THK)	
	32	1	**7X-0583**	4	WASHER-HARD (5MM THK)	

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

8R-5637 **HITCH GP-ARTICULATING** *(contd.)* **i01251876**



GRAPHIC #1 g00589913

FRAME AND BODY

8R-5638 HOOD & GUARD GP

PIN 2KZ1-UP

PART OF 152-9752 CHASSIS AR

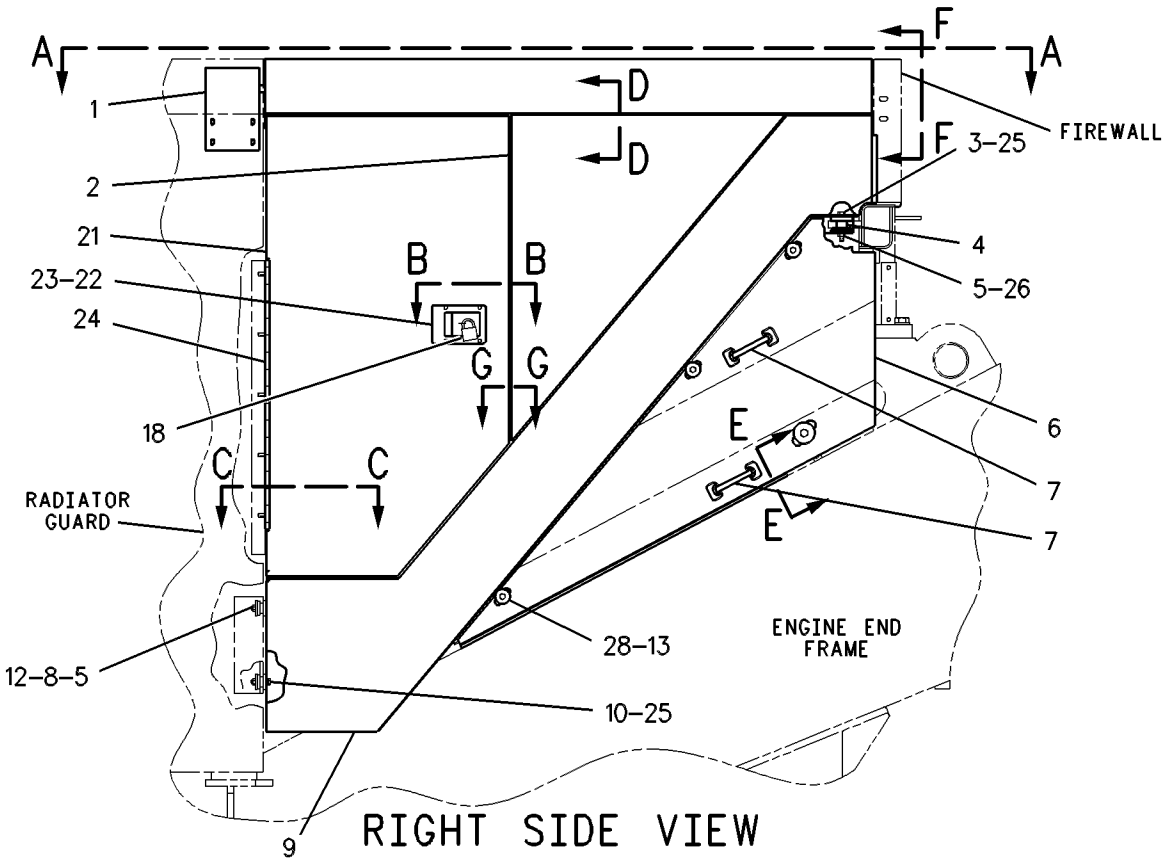
SMCS-7251 **i01229222**

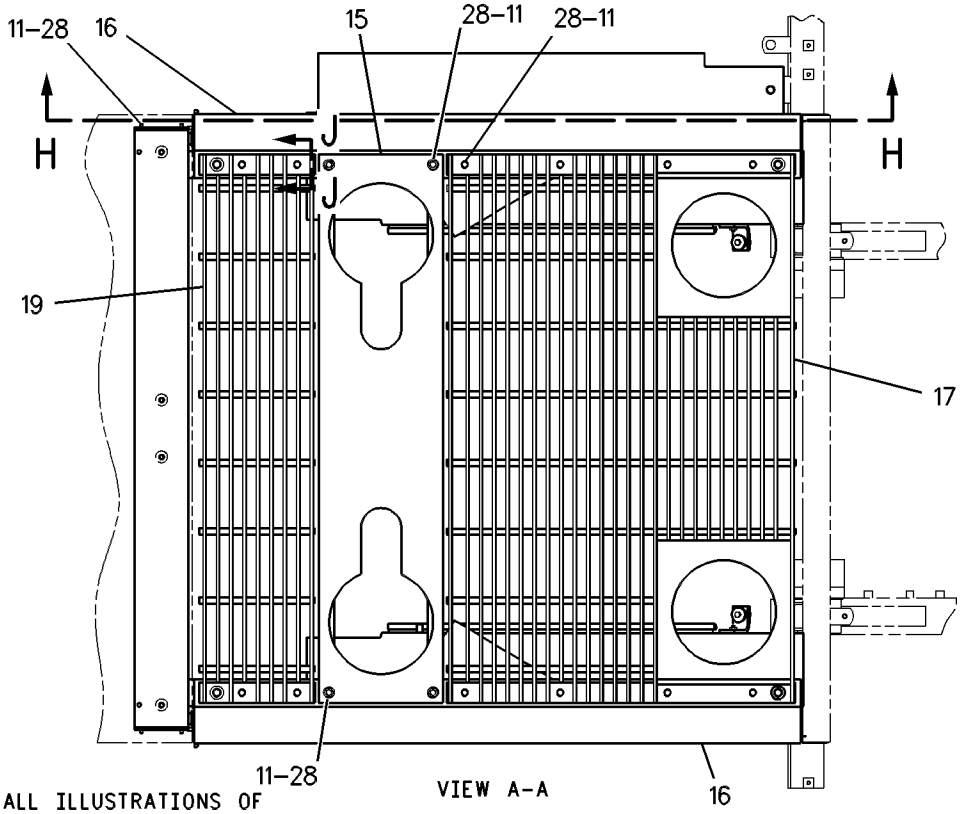
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-9550**	1	PLATE AS	
M		1	**8T-3597**	4	NUT-WELD (M12X1.75 THD)	
	2	1	**4E-9566**	1	PANEL AS-RH	
M		1	**8T-3490**	4	NUT-WELD (M10X1.5 THD)	
M		1	**8T-5413**	4	STUD-WELD (M10X1.5X25MM OAL)	
		1	**4E-9567**	1	PANEL AS-LH	
M		1	**8T-5413**	2	STUD-WELD (M10X1.5X25MM OAL)	
M		1	**8T-3490**	4	NUT-WELD (M10X1.5 THD)	
M	3	1	**8T-6868**	2	BOLT (M12X1.75X80MM)	
	4	1	**8G-0841**	2	MOUNTING	
M	5	1	**8T-4244**	6	NUT (M12X1.75 THD)	
	6	1	**4E-8866**	1	PANEL AS-RH	
		1	**4E-8867**	1	PANEL AS-LH	
					(EACH PANEL AS INCLUDES)	
	7	1	**1V-8732**	2	HANDLE	
	8	1	**7X-0590**	4	WASHER-HARD (6.0MM THK)	
	9	1	**9U-0214**	1	PANEL AS-RH	
M		1	**8T-3490**	3	NUT-WELD (M10X1.5 THD)	
M		1	**8T-6462**	1	BOSS-WELD	
		1	**9U-0217**	1	PANEL AS-LH	
M		1	**8T-3490**	3	NUT-WELD (M10X1.5 THD)	
M	10	1	**8T-4910**	4	BOLT (M12X1.75X60MM)	
	11	1	**7X-7729**	20	WASHER (3MM THK)	
	12	1	**6S-6251**	4	MOUNT	
	13	1	**7X-0632**	8	WASHER-HARD (6 MM THK)	
C	15	1	**121-6827**	1	PANEL AS-HOOD	
C	16	1	**121-6828**	2	RAIL AS	
	17	1	**4E-9606**	1	HOOD AS-FRONT	
	18	1	**5P-8502**	2	PADLOCK GP	
					(EACH INCLUDES)	
A		1	**8Y-6364**	1	SLEEVE	
A		1	**5P-8500**	1	KEY	
	19	1	**4E-9605**	1	HOOD AS-REAR	
	21	1	**136-3072**	1	DOOR AS-LH	
		1	**136-3071**	1	DOOR AS-RH	
					(EACH DOOR AS INCLUDES)	
	22	1	**7X-2484**	1	LATCH-HANDLE	
	23	1	**6V-2370**	4	RIVET-POP	
	24	1	**9U-0201**	1	HINGE	
	25	1	**5P-1076**	6	WASHER-HARD (4MM THK)	
	26	1	**5R-5927**	2	WASHER (65MM OD)	
M	27	2	**8T-6868**	4	BOLT (M12X1.75X80MM)	
M	28	1,2	**8T-4196**	56	BOLT (M10X1.50X35MM)	
M	29	2	**8T-4244**	6	NUT (M12X1.75 THD)	
	30	2	**5R-5927**	4	WASHER (65MM OD)	
	31	2	**8G-0841**	4	MOUNTING	
	33	2	**7X-0590**	4	WASHER-HARD (6.0MM THK)	
M	34	2	**8T-4910**	2	BOLT (M12X1.75X60MM)	
	35	2	**7X-7729**	32	WASHER (3MM THK)	
	36	2	**6S-6251**	2	MOUNT	
M	37	2	**8T-4133**	4	NUT (M10X1.50 THD)	
	39	2	**146-8357**	2	INSULATION-RH	
	40	2	**146-8359**	2	INSULATION	
	41	2	**9U-0159**	2	ANGLE AS	
					(EACH INCLUDES)	
M		2	**8T-3490**	1	NUT-WELD (M10X1.5 THD)	

8R-5638 HOOD & GUARD GP *(contd.)* i01229222

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	42	2	**5P-1076**	6	WASHER-HARD (4MM THK)	
D	43	2	**5P-7483**		SEAL (8MM THK)	
	44	2	**3B-4605**	2	COTTER	
	45	2	**4M-7470**	4	GROMMET (9.52MM ID)	
	46	2	**9U-0206**	1	ROD AS-RH	
		2	**9U-0205**	1	ROD AS-LH	
					(EACH ROD AS INCLUDES)	
		2	**4B-4278**	2	WASHER (1.6MM THK)	
	48	2	**4E-9613**	2	STRIP	
	49	2	**9M-5733**	10	RIVET-POP (4.78MM DIA)	
	50	2	**4E-3087**	2	PIN-LATCH	
	51	2	**9U-0186**	1	BRACKET-RH	
		2	**9U-0188**	1	BRACKET-LH	
	52	2	**9U-0185**	1	BRACKET AS-RH	
		2	**9U-0187**	1	BRACKET AS-LH	
					(EACH BRACKET AS INCLUDES)	
M		2	**8T-3490**	2	NUT-WELD (M10X1.5 THD)	
	53	2	**8T-4121**	2	WASHER-HARD (2.5MM THK) (21MM OD)	
	54	2	**146-8358**	1	INSULATION-LH	

A-NOT PART OF THIS GROUP
C-CHANGE FROM PREVIOUS TYPE
D-ORDER BY THE METER
M-METRIC PART

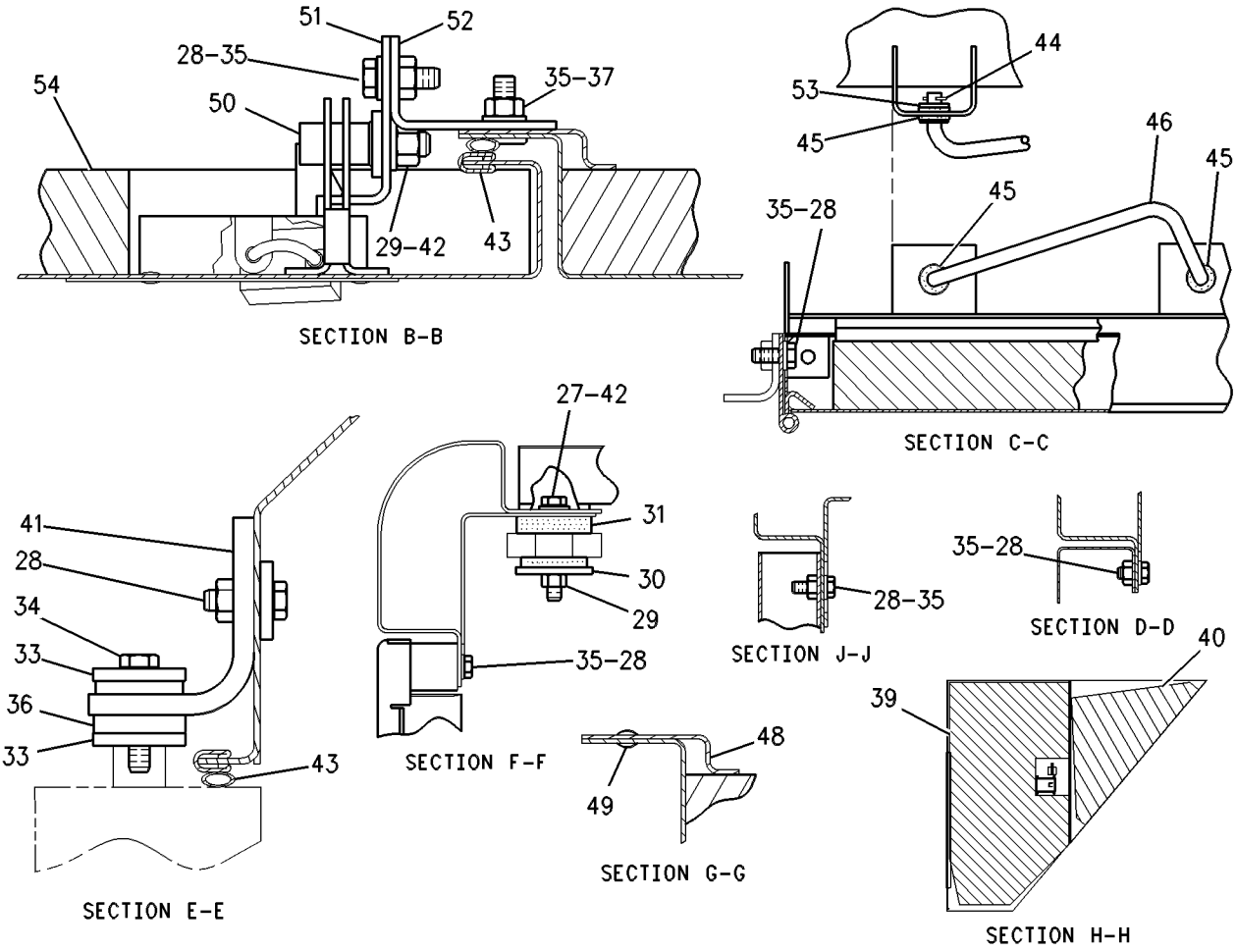




REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

GRAPHIC #1 g00561362

8R-5638 **HOOD & GUARD GP** *(contd.)* **i01229222**



GRAPHIC #2 g00561363

8R-5641 LADDER GP

PIN 2KZ1-UP

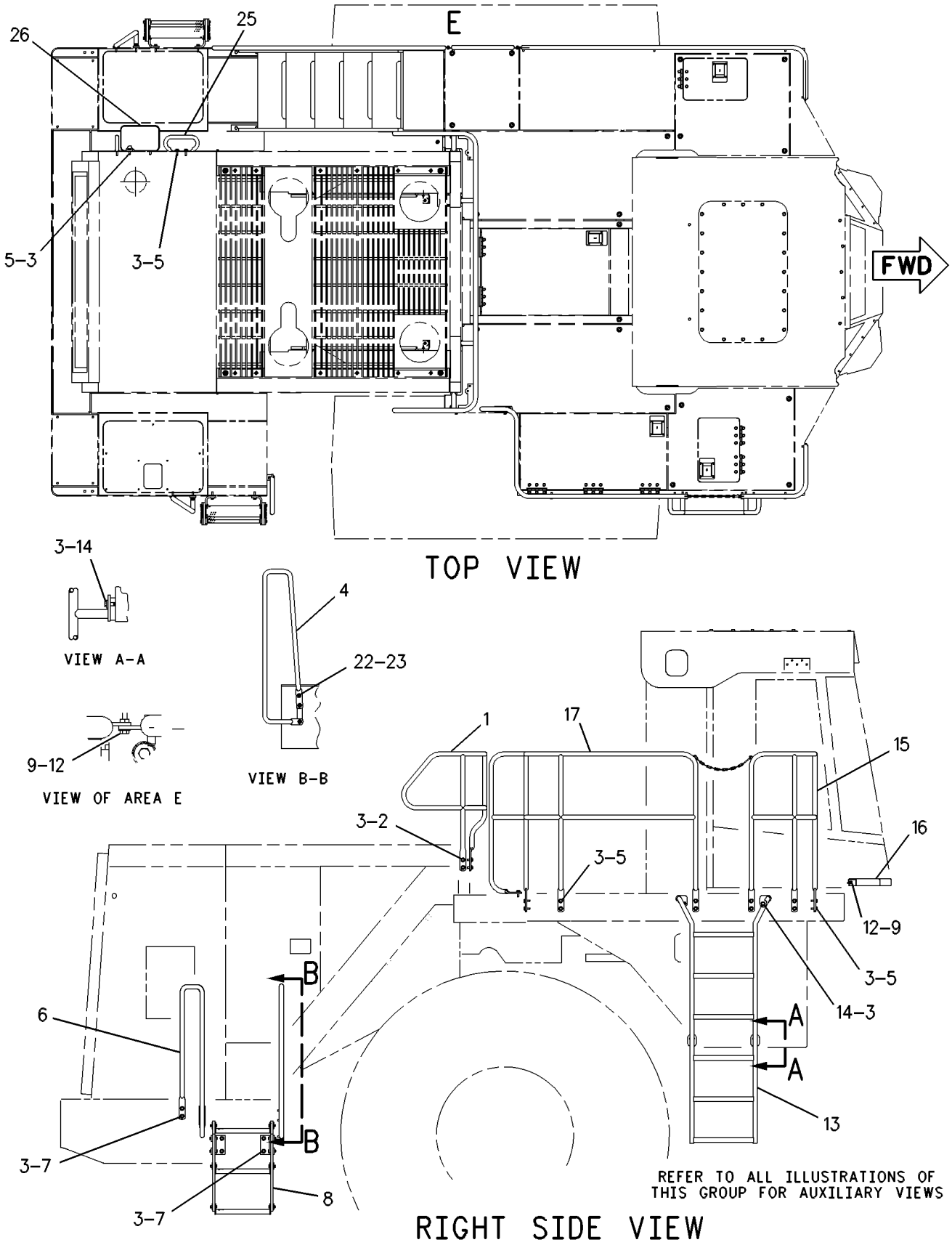
PART OF 152-9752 CHASSIS AR

SMCS-7254 **i01229225**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-8853**	1	HANDHOLD AS	
M	2	1	**8T-4956**	8	BOLT (M12X1.75X35MM)	
	3	1,2	**5P-1076**	67	WASHER-HARD (4MM THK)	
	4	1	**101-3623**	1	HANDHOLD	
M	5	1,2	**8T-4183**	43	BOLT (M12X1.75X40 MM)	
	6	1	**4E-8852**	1	HANDLE-RH	
M	7	1,2	**8T-4194**	18	BOLT (M12X1.75X50MM)	
Y	8	1,2	*144-2641*	2	STEP GP	371
	9	1,2	**7X-7729**	10	WASHER (3MM THK)	
C	10	2	**122-5967**	1	HANDHOLD AS	
	11	2	**155-8391**	4	SLEEVE	
CM	12	1,2	**8T-4196**	10	BOLT (M10X1.50X35MM)	
	13	1	**7I-4169**	1	LADDER AS	
M	14	1	**8T-4139**	4	BOLT (M12X1.75X30MM)	
	15	1	**7I-4170**	1	HANDHOLD AS	
	16	1,2	**4E-8847**	2	PLATE	
	17	1	**9U-1390**	1	HANDHOLD AS	
		1	**6B-8085**	1	SNAP-CHAIN	
		1	**106-6434**	1	CHAIN-LINK	
	18	2	**9U-1396**	1	HANDHOLD AS	
	19	2	**4E-8835**	1	LADDER AS	
M		2	**8T-3597**	12	NUT-WELD (M12X1.75 THD)	
	20	2	**4E-8892**	1	HANDLE-LH	
	21	2	**4E-8848**	1	HANDHOLD AS	
M	22	1	**7X-2553**	3	BOLT (M16X2.0X40MM)	
	23	1	**9X-8257**	3	WASHER (3.50MM THK)	
	24	2	**6S-6251**	2	MOUNT	
	25	1	**104-5483**	2	HANDHOLD	
	26	1	**3V-3787**	1	STEP AS	
	27	2	**7X-0618**	2	WASHER-HARD (5MM THK)	
	28	2	**112-4186**	2	PLATE	
	29	2	**4E-1303**	4	SPACER	

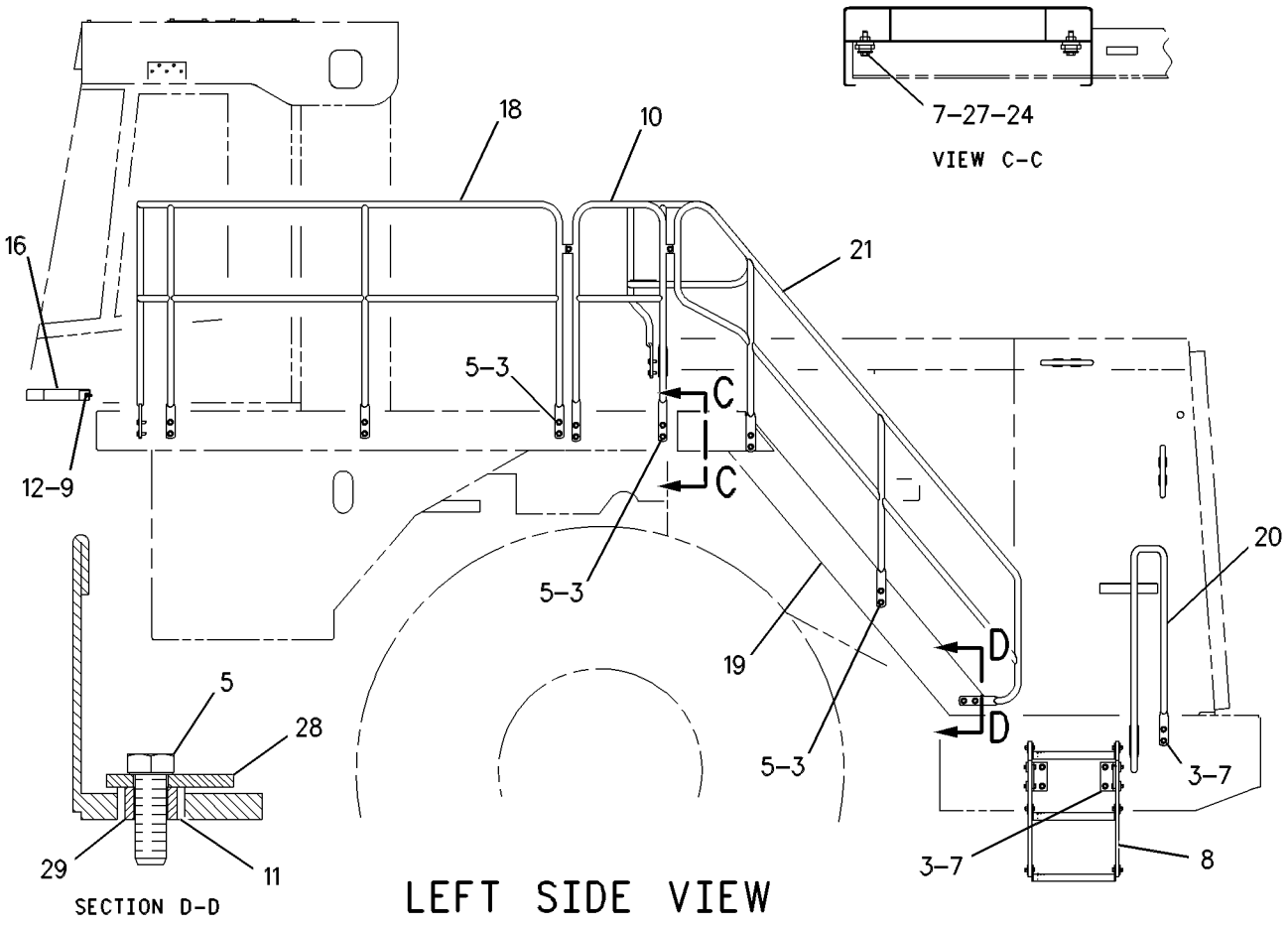
C-CHANGE FROM PREVIOUS TYPE
M-METRIC PART
Y-SEPARATE ILLUSTRATION

8R-5641 **LADDER GP** *(contd.)* **i01229225**



GRAPHIC #1 g00578260

8R-5641 **LADDER GP** ***(contd.)*** **i01229225**



GRAPHIC #2 g00578261

MEMORANDA

3Q-6231 LINES GP-GREASE

PIN 2KZ1-UP

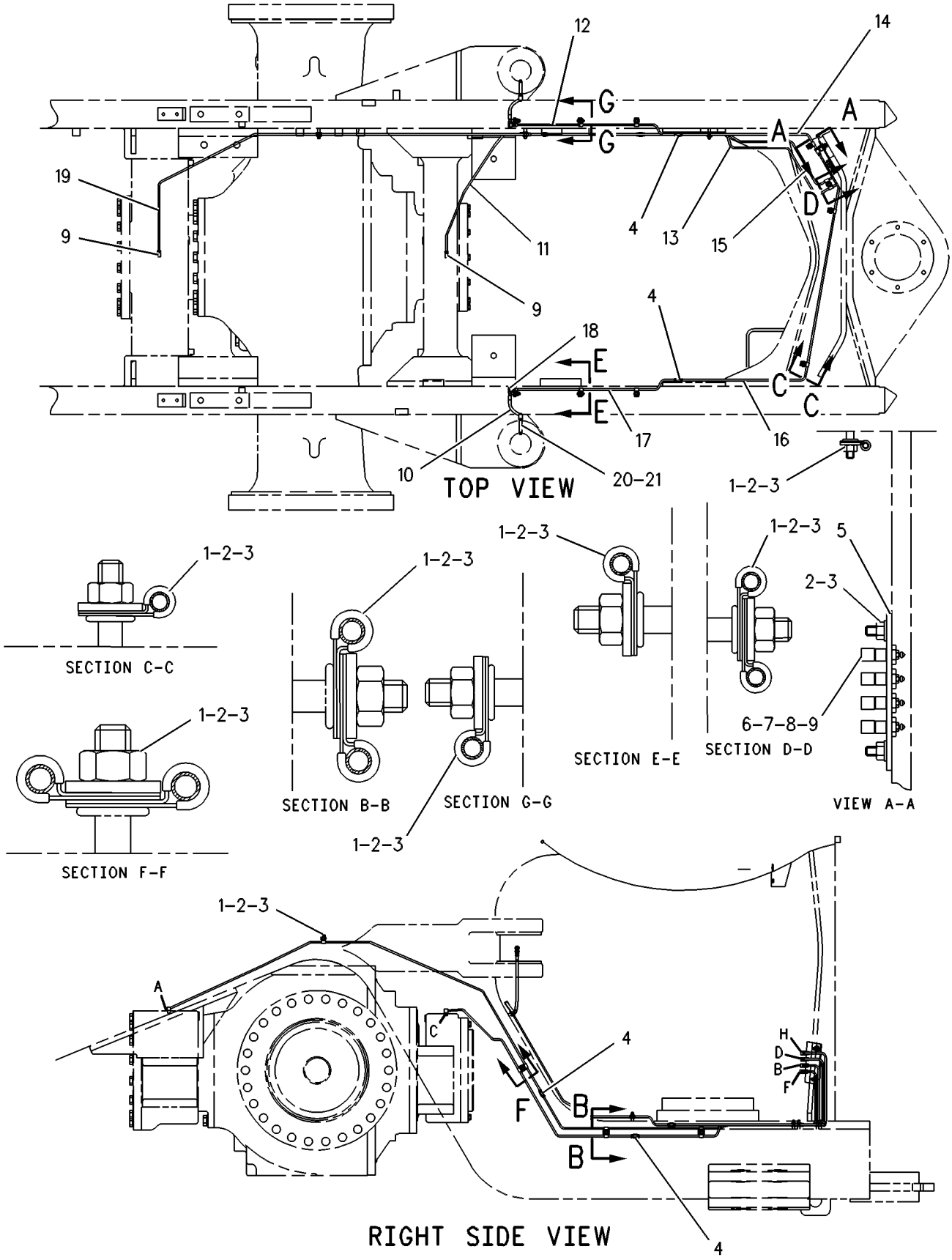
PART OF 152-9752 CHASSIS AR

SMCS-7510 **i01029363**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8M-2772**	18	CLIP (6.35MM ID)	
M	2	1	**8T-4133**	16	NUT (M10X1.50 THD)	
	3	1	**8T-4121**	16	WASHER (2.5MM THK)	
	4	1	**5K-9242**	4	UNION-FLARED	
	5	1	**4E-8840**	1	PLATE	
	6	1	**5P-5461**	4	NUT (1/8-27 THD)	
	7	1	**5B-0935**	4	FITTING	
	8	1	**5P-5463**	4	ADAPTER-LUBRICATION	
	9	1	**5K-9243**	6	ELBOW-FLARED	
	10	1	**5K-3772**	2	HOSE AS	
	11	1	**9U-2182**	1	TUBE AS	
	12	1	**9U-2317**	1	TUBE AS	
	13	1	**9U-2184**	1	TUBE AS	
	14	1	**9U-2187**	1	TUBE AS	
	15	1	**9U-2183**	1	TUBE AS	
	16	1	**9U-2186**	1	TUBE AS	
	17	1	**9U-2185**	1	TUBE AS	
	18	1	**9S-7712**	2	ELBOW-FLARED	
	19	1	**9U-2181**	1	TUBE AS	
	20	1	**3B-7285**	2	NIPPLE-PIPE	
	21	1	**8B-4884**	2	ELBOW	

M-METRIC PART

3Q-6231 **LINES GP-GREASE** ***(contd.)*** **i01029363**



GRAPHIC #1 g00345262

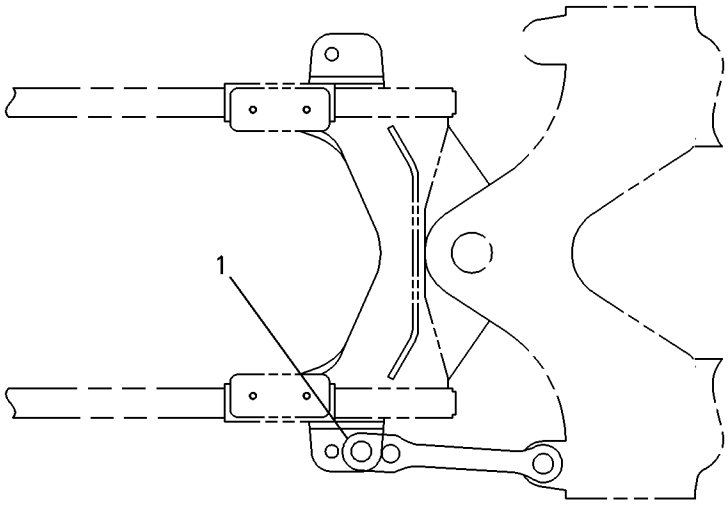
8R-5650 LINK GP-STEERING FRAME LOCK

PIN 2KZ1-UP

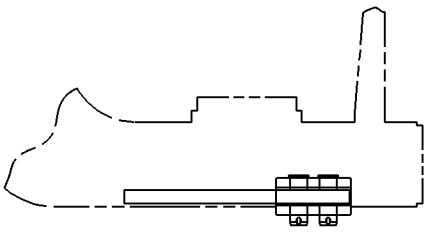
PART OF 152-9752 CHASSIS AR

SMCS-7506 **i00174690**

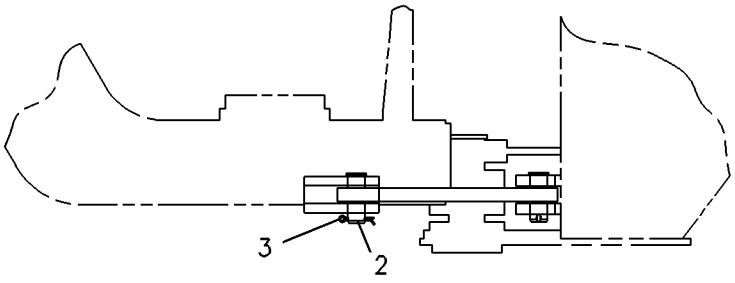
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-9195**	1	LINK	
	2	1	**4E-6015**	2	PIN	
	3	1	**1J-2919**	2	COTTER	



TOP VIEW



RIGHT SIDE VIEW
TRAVEL POSITION



RIGHT SIDE VIEW
LOCKED POSITION

GRAPHIC #1 g00119802

144-2641 STEP GP

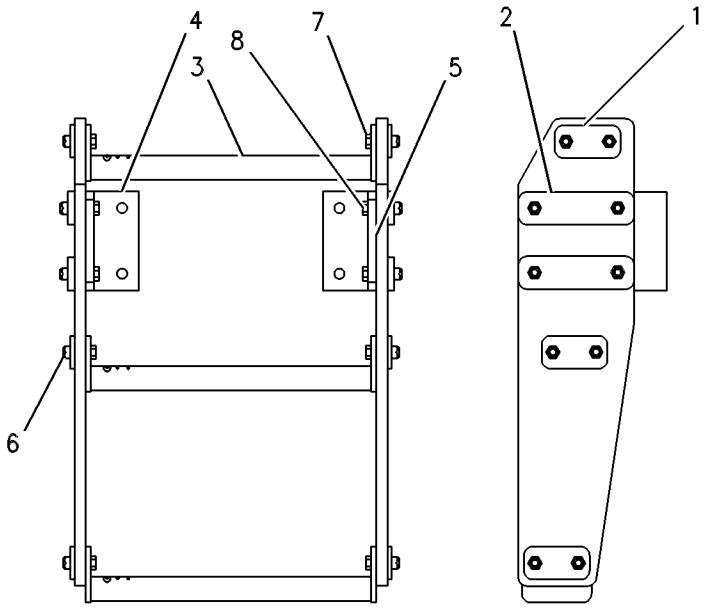
PIN 2KZ1-UP

PART OF 8R-5641 LADDER GP

SMCS-7254 **i00891265**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4V-9803**	6	PLATE	
	2	1	**112-4558**	4	PLATE	
	3	1	**134-2552**	3	STEP AS	
	4	1	**135-5154**	2	BRACKET	
	5	1	**144-2642**	2	BELT	
M	6	1	**6V-7687**	20	LOCKNUT (M12X1.75 THD)	
M	7	1	**8T-4184**	12	BOLT (M12X1.75X45MM)	
M	8	1	**8T-4194**	8	BOLT (M12X1.75X50MM)	

M-METRIC PART



GRAPHIC #1 g00278955

148-5669 SUPPRESSION AR-SOUND

PIN 2KZ1-UP

AN ATTACHMENT

SMCS-7261 **i01251997**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	**153-5950**	1	FRAME AS-REAR	348
Y	*146-8364*	1	SUPPRESSION GP-SOUND (HOOD)	374
Y	*148-5670*	1	SUPPRESSION GP-SOUND (PLATFORM)	376
Y	*146-8365*	1	SUPPRESSION GP-SOUND (RADIATOR)	375
Y	*149-8227*	1	SUPPRESSION GP-SOUND	378
Y	*146-8360*	1	SUPPRESSION GP-SOUND (POWER TRAIN)	373
	130-5159	1	FILM	
	130-5091	1	FILM-OPERATOR SOUND	

Y-SEPARATE ILLUSTRATION

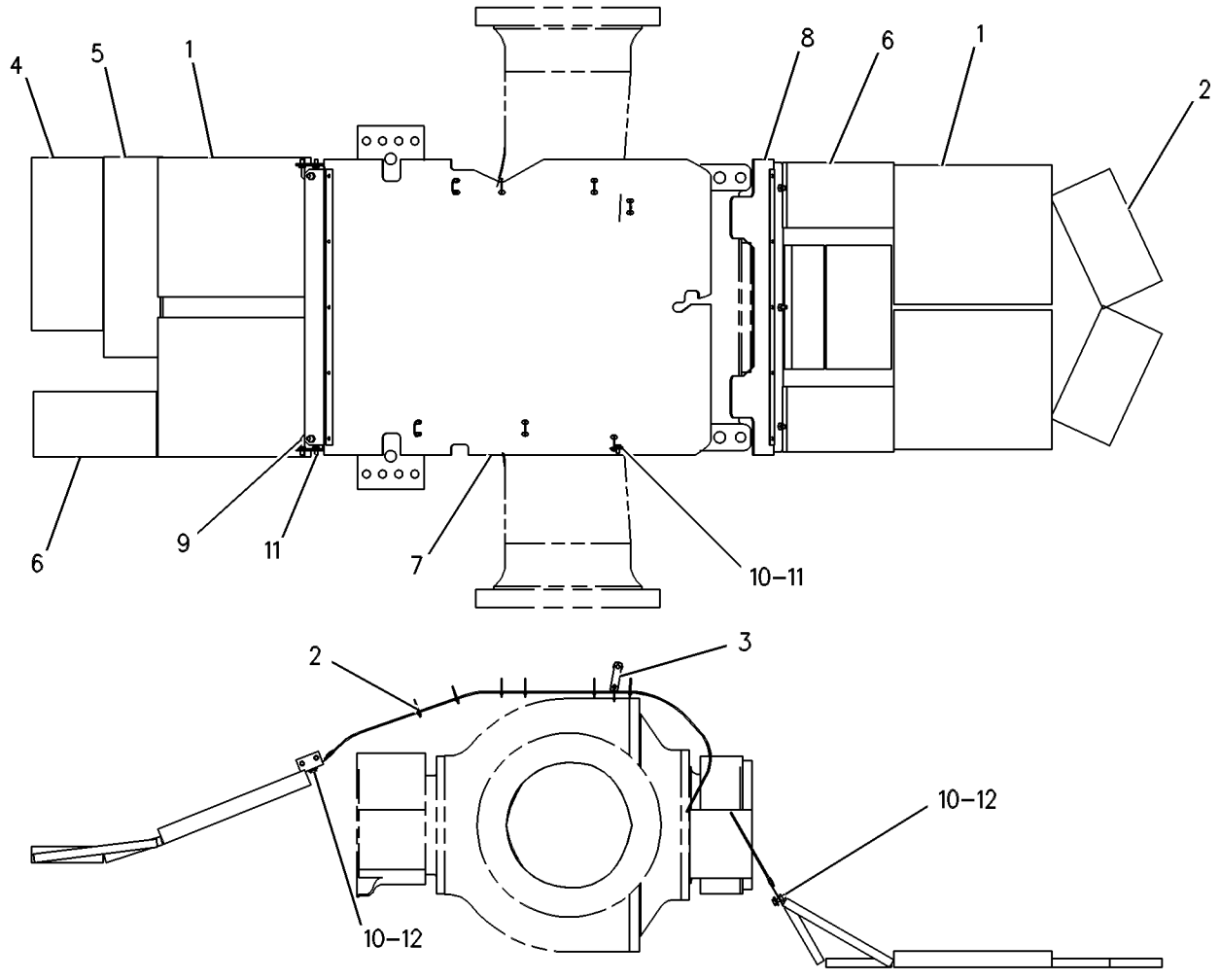
146-8360 SUPPRESSION GP-SOUND—POWER TRAIN

PIN 2KZ1-UP
PART OF 148-5669 SUPPRESSION AR-SOUND
AN ATTACHMENT

SMCS-7076, 7261 **i01229226**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-2301**	4	INSULATION	
	2	1	**7K-1181**	7	STRAP-CABLE (4IN DIA)	
	3	1	**102-0496**	1	PLATE	
	4	1	**108-7861**	1	INSULATION	
	5	1	**113-6979**	1	INSULATION	
	6	1	**130-3446**	7	INSULATION	
	7	1	**146-8361**	1	SHEET AS	
	8	1	**146-8363**	1	SHEET AS	
					(EACH SHEET AS INCLUDES)	
		1	**6B-4594**	10	RIVET (4.85MM DIA)	
M		1	**8T-3597**	2	NUT-WELD (M12X1.75 THD)	
	9	1	**146-8362**	2	BRACKET	
	10	1	**5P-1076**	6	WASHER-HARD (4MM THK)	
M	11	1	**8T-4179**	5	BOLT (M12X1.75X20MM)	
M	12	1	**8T-4183**	5	BOLT (M12X1.75X40 MM)	

M-METRIC PART



GRAPHIC #1 g00354544

146-8364 SUPPRESSION GP-SOUND–HOOD

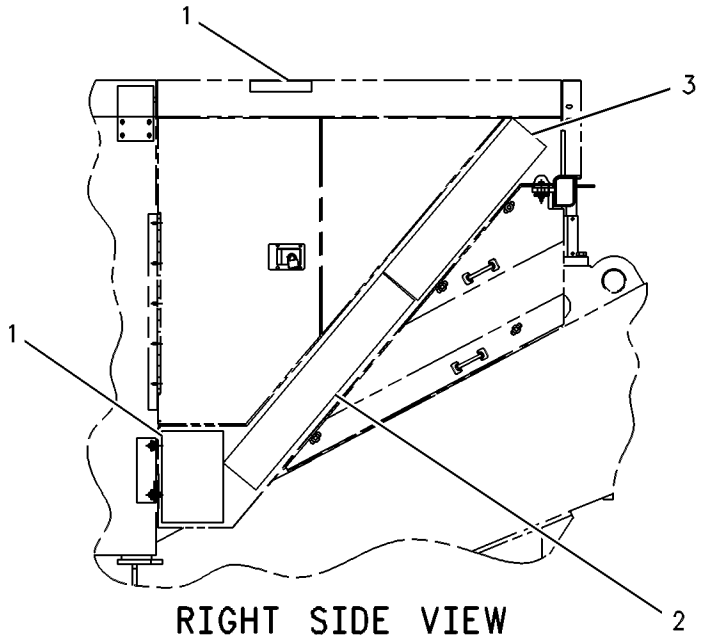
PIN 2KZ1-UP

PART OF 148-5669 SUPPRESSION AR-SOUND

AN ATTACHMENT

SMCS-7076, 7261 **i00733520**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-2299**	3	INSULATION	
	2	1	**130-0980**	2	INSULATION	
	3	1	**124-8630**	2	INSULATION	



RIGHT SIDE VIEW

GRAPHIC #1 g00321422

146-8365 SUPPRESSION GP-SOUND–RADIATOR

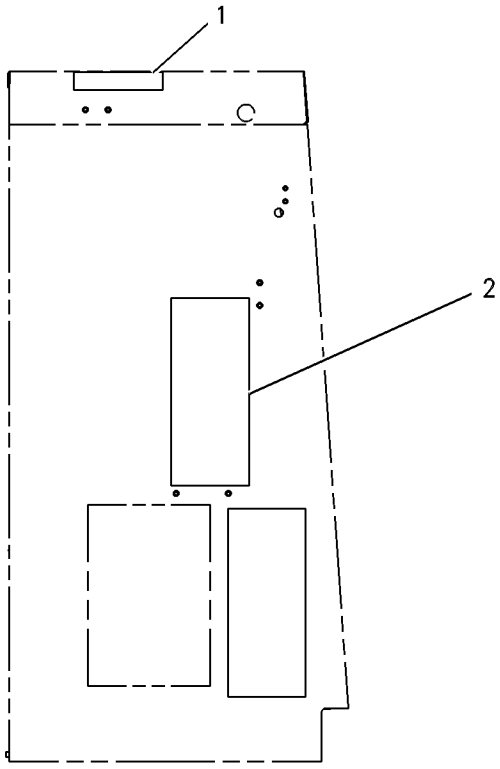
PIN 2KZ1-UP

PART OF 148-5669 SUPPRESSION AR-SOUND

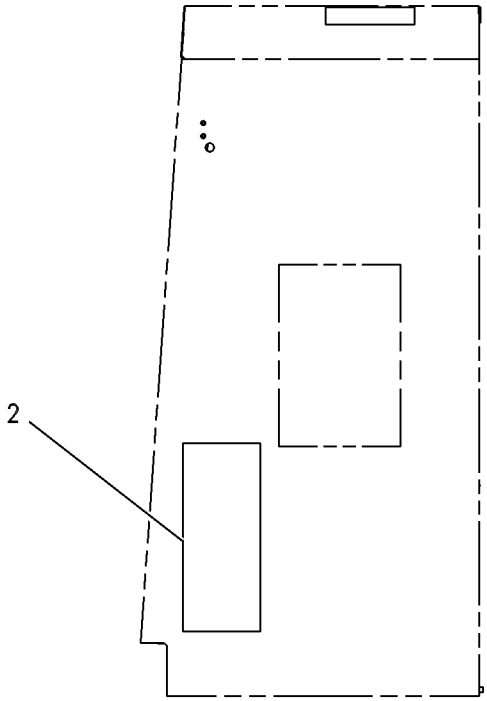
AN ATTACHMENT

SMCS-7076, 7261 i00767399

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	4E-2299	4	INSULATION	
	2	1	108-7861	3	INSULATION	



LEFT SIDE VIEW



RIGHT SIDE VIEW

GRAPHIC #1 g00350202

148-5670 SUPPRESSION GP-SOUND–PLATFORM

PIN 2KZ1-UP

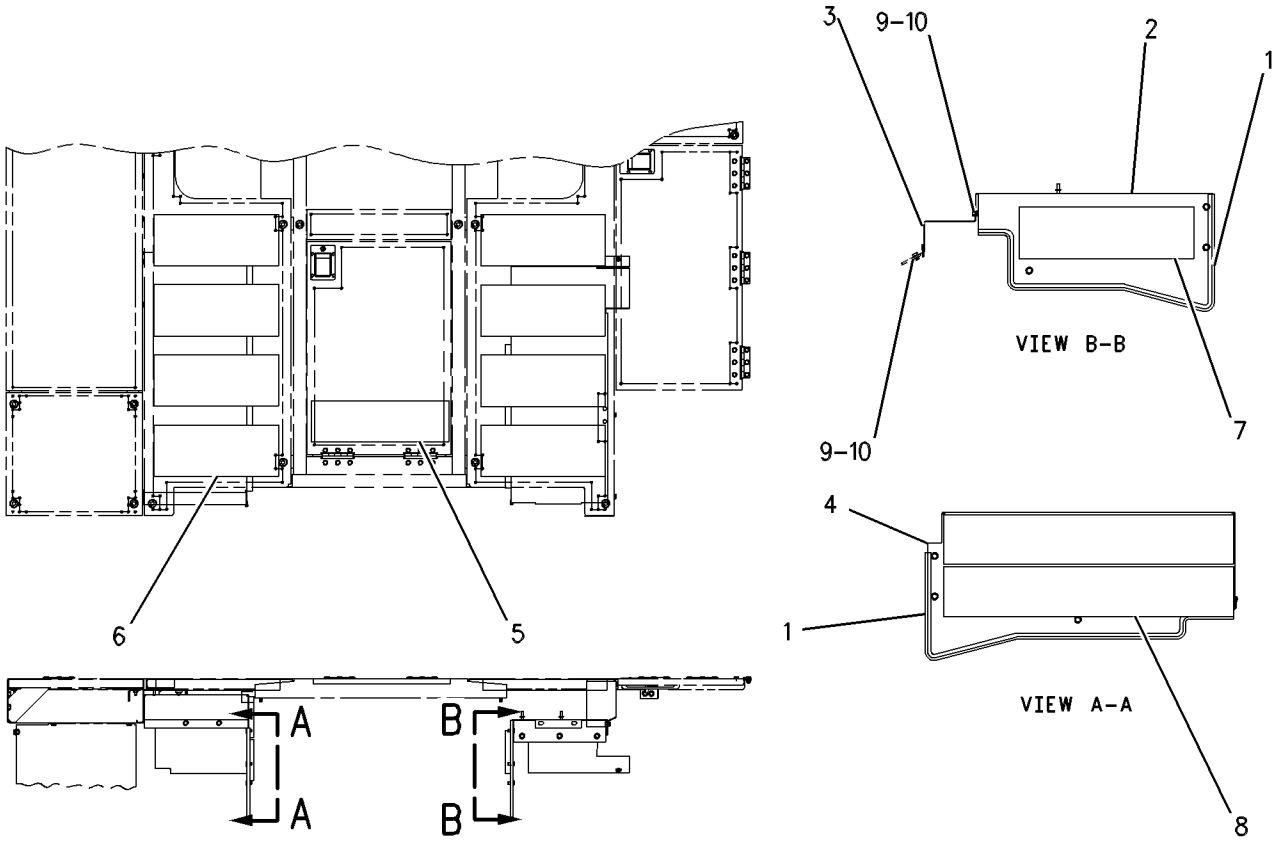
PART OF 148-5669 SUPPRESSION AR-SOUND

AN ATTACHMENT

SMCS-7076, 7261 **i01243471**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**5P-7210**		SEAL (33DM)	
	2	1	**147-8535**	1	PANEL AS-RH	
	3	1	**147-8536**	1	PANEL AS	
		1	**6B-4594**	2	RIVET (4.85MM DIA)	
	4	1	**147-8537**	1	PANEL AS-LH	
		1	**6B-4594**	6	RIVET (4.85MM DIA)	
	5	1	**130-3445**	1	INSULATION	
	6	1	**108-7861**	8	INSULATION	
	7	1	**113-6979**	1	INSULATION	
	8	1	**130-0980**	2	INSULATION	
M	9	1	**8T-4137**	4	BOLT (M10X1.50X20MM)	
	10	1	**7X-7729**	4	WASHER (3MM THK)	

M-METRIC PART



GRAPHIC #1 g00546704

MEMORANDA

149-8227 SUPPRESSION GP-SOUND

PIN 2KZ1-UP

PART OF 148-5669 SUPPRESSION AR-SOUND

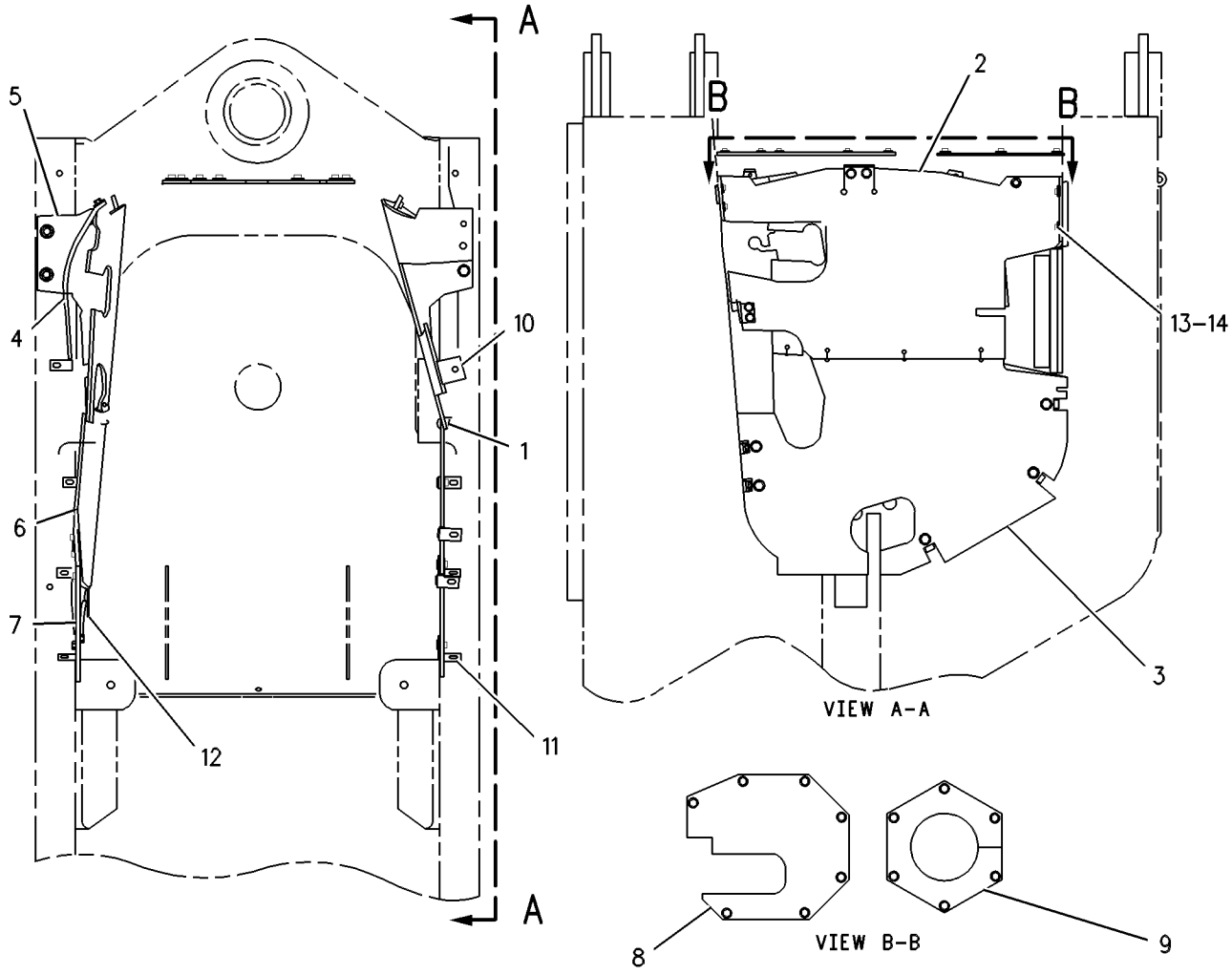
AN ATTACHMENT

SMCS-7076, 7261 **i00733532**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7K-1181**	9	STRAP-CABLE (4.00IN DIA)	
	2	1	**150-7084**	1	SHEET	
	3	1	**150-7085**	1	SHEET	
	4	1	**150-7086**	1	SHEET	
	5	1	**150-7087**	1	SHEET	
	6	1	**150-7088**	1	SHEET	
	7	1	**150-7089**	1	SHEET	
	8	1	**150-7090**	1	SHEET	
	9	1	**150-7091**	1	SHEET	
	10	1	**150-8990**	1	BRACKET AS	
M		1	**8T-5413**	2	STUD-WELD (M10X1.5X25MM OAL)	
	11	1	**150-8991**	9	BRACKET AS	
					(EACH INCLUDES)	
M		1	**8T-5413**	2	STUD-WELD (M10X1.5X25MM OAL)	
	12	1	**150-8992**	1	BRACKET AS	
M		1	**8T-5413**	3	STUD-WELD (M10X1.5X25MM OAL)	
M	13	1	**6V-7744**	43	LOCKNUT (M10X1.50 THD)	
	14	1	**8T-4222**	43	WASHER-PLATED (2.5MM THK)	

M-METRIC PART

149-8227 **SUPPRESSION GP-SOUND** *(contd.)* **i00733532**



GRAPHIC #1

g00326276

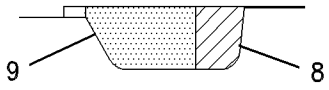
100-6909 ACCUMULATOR GP-BRAKE

PIN 2KZ1-UP

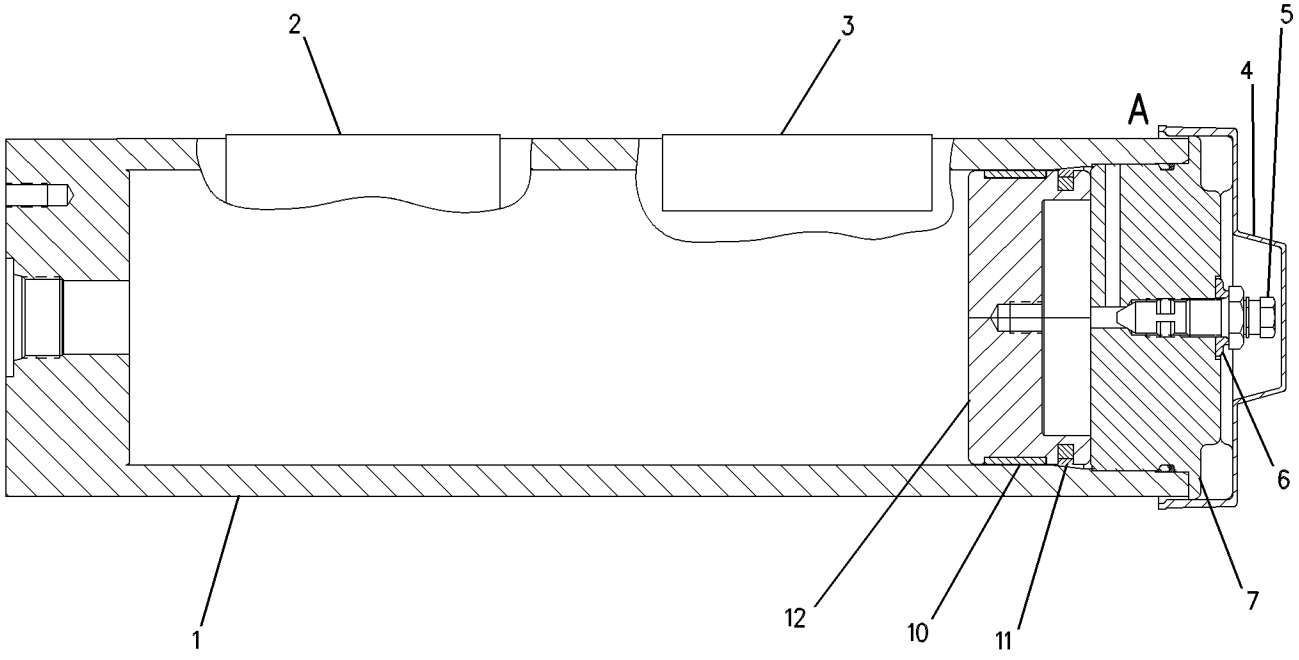
PART OF 8R-5646 LINES GP-SERVICE BRAKE

SMCS-4263 **i01181902**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6E-3456**	1	ACCUMULATOR AS	
	2	1	**7J-5311**	1	PLATE-WARNING (HIGH PRESS CYLINDER)	
	3	1	**8T-6376**	1	PLATE-HYDRAULIC ACCUMULATOR	
	4	1	**6E-3475**	1	COVER	
	5	1	**9T-2238**	1	VALVE AS (SUSPENSION CYLINDER CHARGING)	
		1	**175-3185**	1	CORE	
		1	**6J-0368**	1	CAP	
	6	1	**5M-6708**	1	WASHER (5.56MM THK)	
	7	1	**6E-3458**	1	HEAD	
	8	1	**2J-3961**	1	RING-BACKUP	
	9	1	**5F-3144**	1	SEAL-O-RING (120.24MM ID)	
	10	1	**8T-8390**	1	RING-WEAR	
	11	1	**9X-7542**	1	SEAL AS	
	12	1	**168-2466**	1	PISTON	



VIEW OF AREA A



GRAPHIC #1 g00579741

MEMORANDA

8R-5518 BRAKE GP-PARKING

PIN 2KZ1-UP

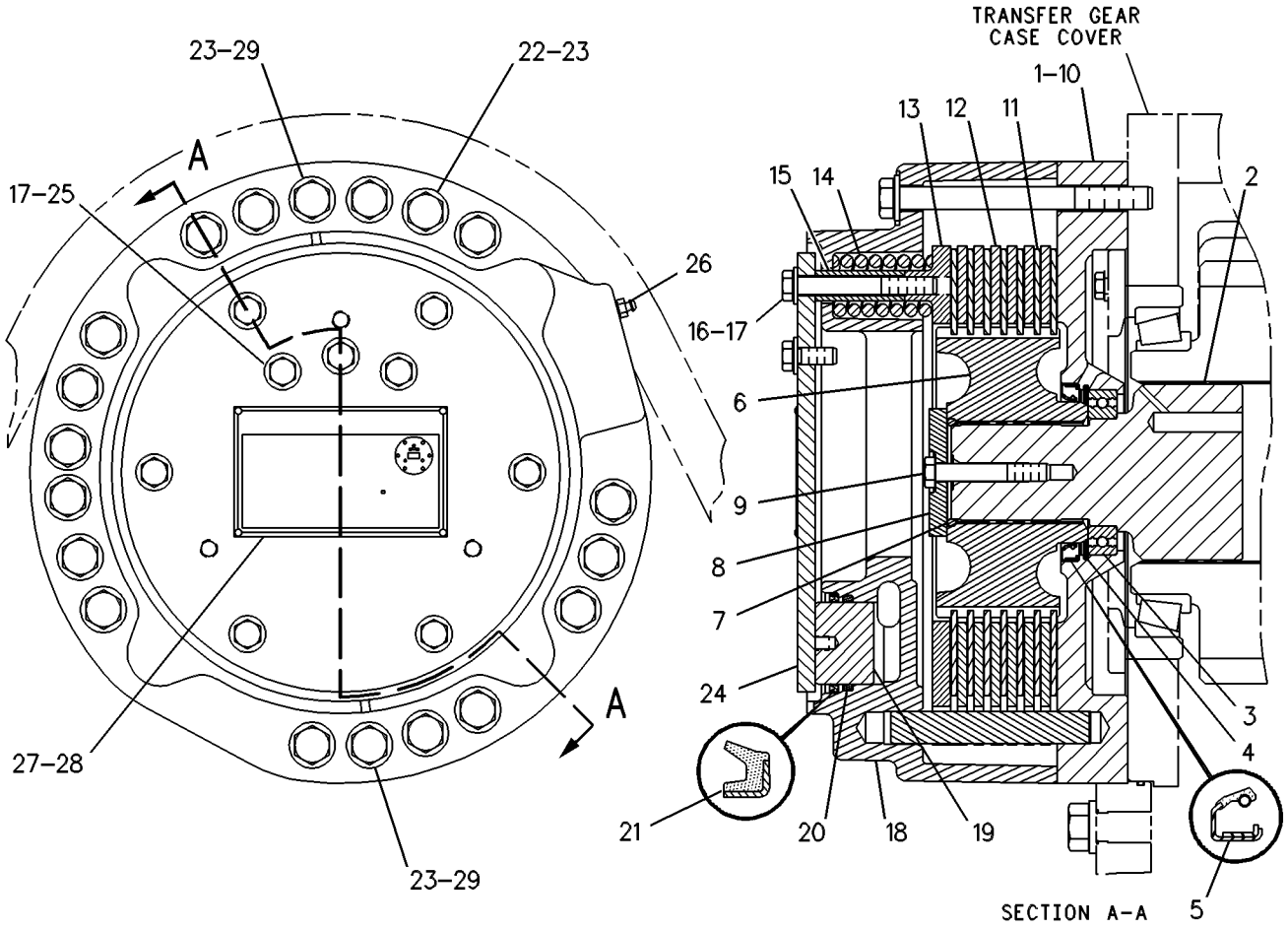
PART OF 154-3161 POWER TRAIN AR

SMCS-4267 **i01198138**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**146-3748**	1	CAGE AS-BEARING	
	2	1	**4E-8593**	1	SHAFT-BRAKE	
	3	1	**3K-2518**	1	BALL BEARING	
	4	1	**3K-2556**	1	RING-RETAINING	
	5	1	**144-3927**	1	SEAL-LIP TYPE	
	6	1	**7V-5231**	1	HUB	
	7	1	**2H-2665**	1	SEAL-O-RING (62.87MM ID)	
	8	1	**3S-1262**	1	RETAINER	
M	9	1	**6V-5696**	1	BOLT (M12X1.75X80MM)	
B	10	1	**6V-6640**		SEALANT	
	11	1	**1V-8279**	7	DISC AS-BRAKE	
	12	1	**4E-7519**	6	PLATE-CLUTCH	
	13	1	**162-9733**	1	PLATE	
	14	1	**7S-3997**	9	SPRING	
	15	1	**7S-3998**	6	SPACER	
M	16	1	**7X-2549**	6	BOLT (M12X1.75X100MM)	
	17	1	**8T-4223**	9	WASHER-HARD (3MM THK)	
	18	1	**4E-6500**	1	HOUSING-BRAKE	
	19	1	**4E-8583**	3	PISTON	
	20	1	**7S-4001**	3	SEAL-O-RING (56.52MM ID)	
	21	1	**7K-9204**	3	SEAL-LIP (57.15MM ID)	
M	22	1	**8T-6385**	17	BOLT (M16X2.0X180MM)	
	23	1	**9X-8257**	19	WASHER (3.50MM THK)	
	24	1	**4E-8540**	1	PLATE-RETAINING	
M	25	1	**8T-4139**	3	BOLT (M12X1.75X30MM)	
	26	1	**5H-3701**	1	SCREW-PURGE	
	27	1	**7S-4002**	1	PLATE-WARNING	
	28	1	**4B-4158**	4	SCREW-DRIVE	
M	29	1	**7X-2557**	2	BOLT (M16X2.0X140MM)	

B-USE AS REQUIRED
M-METRIC PART

8R-5518 **BRAKE GP-PARKING** *(contd.)* **i01198138**



GRAPHIC #1 g00122173

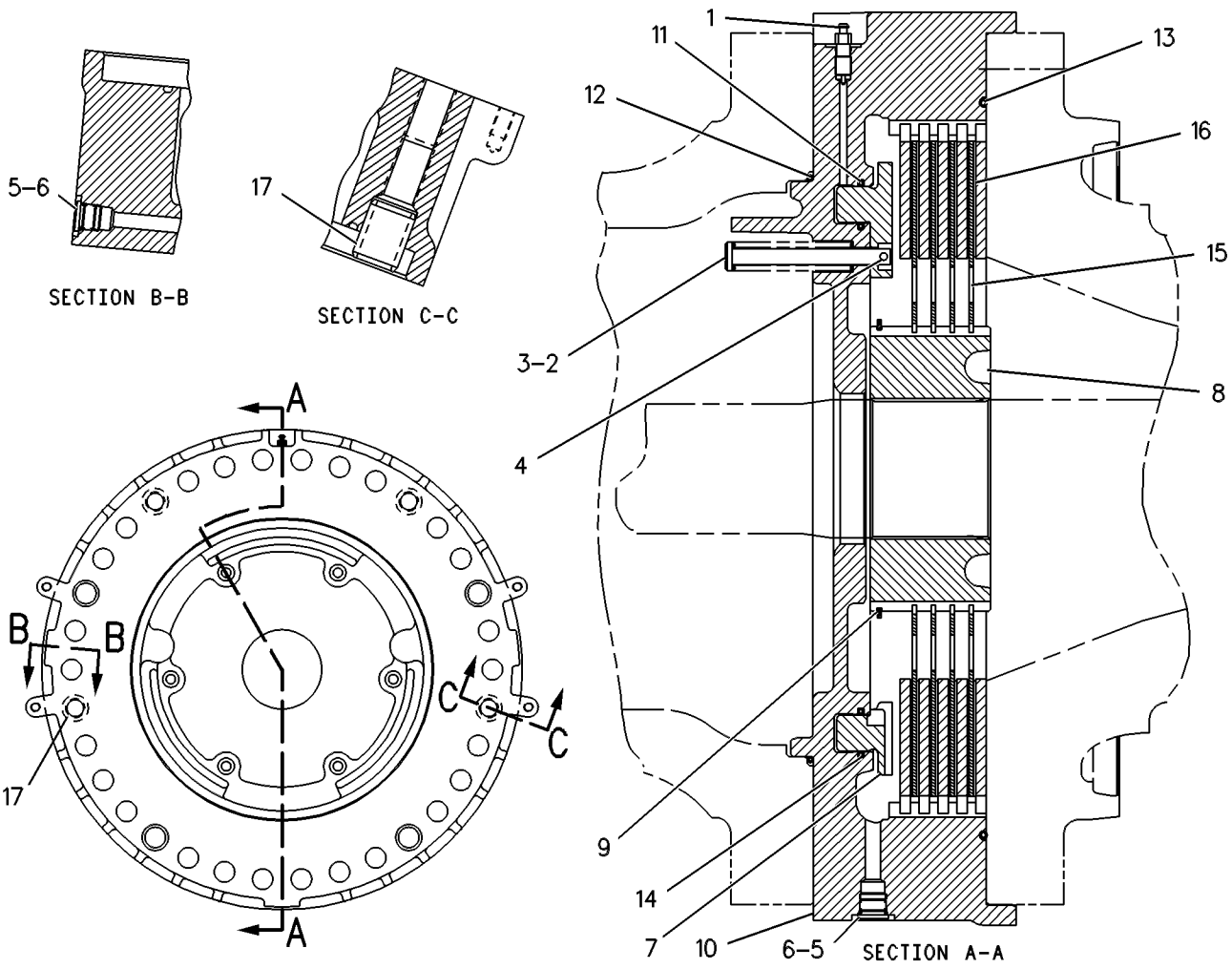
9U-2856 BRAKE GP-SERVICE

PIN 2KZ1-UP

PART OF 8R-5470 AXLE AR-FIXED, 154-6380 AXLE AR-OSCILLATING

SMCS-4251 **i00174330**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**5H-3701**	1	SCREW-BLEED	
	2	1	**8V-3609**	6	SPRING-RETRACTOR	
	3	1	**7V-8346**	6	SPRING-GUIDE	
	4	1	**6M-9155**	6	PIN	
	5	1	**9S-8005**	2	PLUG-O-RING (3/4-16 THD)	
	6	1	**3K-0360**	2	SEAL-O-RING (16.36MM ID)	
	7	1	**9U-1734**	1	PISTON	
	8	1	**132-6532**	1	HUB	
	9	1	**9U-1741**	1	RING-RETAINING	
	10	1	**9U-2964**	1	ANCHOR-BRAKE	
	11	1	**115-5658**	1	SEAL (409.2MM ID)	
	12	1	**5M-6200**	1	SEAL-O-RING (405.8MM ID)	
	13	1	**9M-5892**	1	SEAL-O-RING (514.65MM ID)	
	14	1	**9U-1742**	1	SEAL-O-RING (328MM ID)	
	15	1	**9U-1738**	4	DISC-FRICTION	
	16	1	**9U-1739**	5	PLATE-OUTER	
	17	1	**104-7006**	2	DOWEL-HOLLOW (35.0 ODX45.0MM OAL)	



GRAPHIC #1 g00121540

MEMORANDA

BRAKING SYSTEM

112-2273 CONTROL GP-FOOT BRAKE

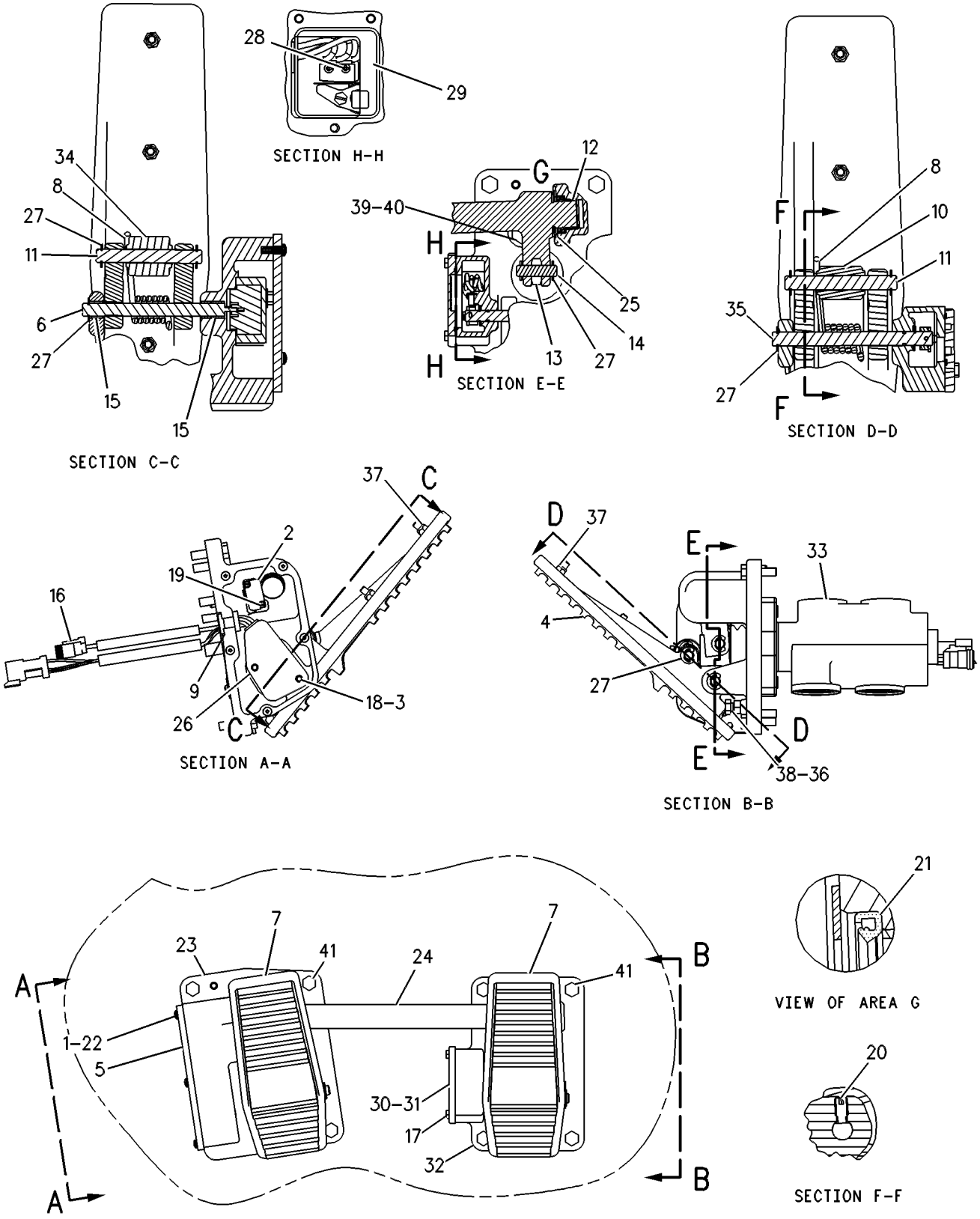
PIN 2KZ1-UP
PART OF 153-3958 CAB AR
TYPE 1

SMCS-4269 **i01229230**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3B-4502**	5	LOCKWASHER (1.19MM THK)	
	2	1	**3E-5520**	1	SWITCH AS-LIMIT (STOP LAMP)	
	3	1	**4B-4274**	2	WASHER (1.2MM THK)	
	4	1	**4E-0649**	2	PAD	
	5	1	**4E-8952**	1	PLATE	
	6	1	**4E-8953**	1	PIN	
	7	1	**4E-8954**	2	PEDAL	
	8	1	**4E-8955**	2	SPRING	
	9	1	**4E-8957**	1	GROMMET	
	10	1	**4E-9663**	1	ROLLER	
	11	1	**4E-9664**	2	PIN	
	12	1	**4E-9665**	2	BEARING	
	13	1	**4E-9667**	1	ROLLER	
	14	1	**4E-9668**	1	PIN	
	15	1	**4E-9669**	2	BEARING	
	16	1	**4E-9967**	1	HARNESS AS	
	17	1	**5M-6755**	3	SCREW-MACHINE	
M	18	1	**6V-2313**	2	BOLT (M5X0.8X30MM)	
M	19	1	**6V-8672**	2	SCREW-MACHINE (M2.5X0.45X16)	
M	20	1	**8C-7531**	2	SETSCREW-SOCKET	
	21	1	**8S-2225**	2	SEAL-LIP	
M	22	1	**8T-6693**	5	SCREW-MACHINE (M5X0.8X16MM)	
	23	1	**9U-2176**	1	BASE AS	
		1	**9S-1307**	2	DOWEL	
	24	1	**9U-2178**	1	SHAFT	
	25	1	**9U-2179**	2	WASHER	
Y	26	1	*9X-5592*	1	SENSOR GP-POSITION (TC IMPELLER CLUTCH)	181
	27	1	**009-3101**	10	RING-RETAINING	
	28	1	**112-2276**	1	HARNESS AS	
M	29	1	**125-3295**	2	SCREW-PAN HEAD (M2.5X0.45X12MM)	
	30	1	**128-0606**	1	COVER	
	31	1	**128-0607**	1	SEAL	
	32	1	**128-0610**	1	BASE AS	
		1	**9S-1307**	2	DOWEL	
	33	1	**129-7673**	1	VALVE GP-BRAKE CONTROL (SERVICE)	
		1	**4E-5542**	1	BOOT-VALVE PISTON	
	34	1	**129-7674**	1	ROLLER	
	35	1	**132-3915**	1	SHAFT AS	
M	36	1	**5C-7261**	2	NUT (M8X1.25 THD)	
M	37	1	**6V-7743**	6	LOCKNUT (M6X1.00 THD)	
M	38	1	**8T-4189**	2	BOLT (M8X1.25X20MM)	
	39	1	**8T-4223**	2	WASHER-HARD (3MM THK)	
M	40	1	**8T-4956**	2	BOLT (M12X1.75X35MM)	
M	41	1	**8T-7547**	7	BOLT (M8X1.25X30MM)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION

112-2273 CONTROL GP-FOOT BRAKE *(contd.)* i01229230



GRAPHIC #1 g00273950

BRAKING SYSTEM

112-2273 CONTROL GP-FOOT BRAKE

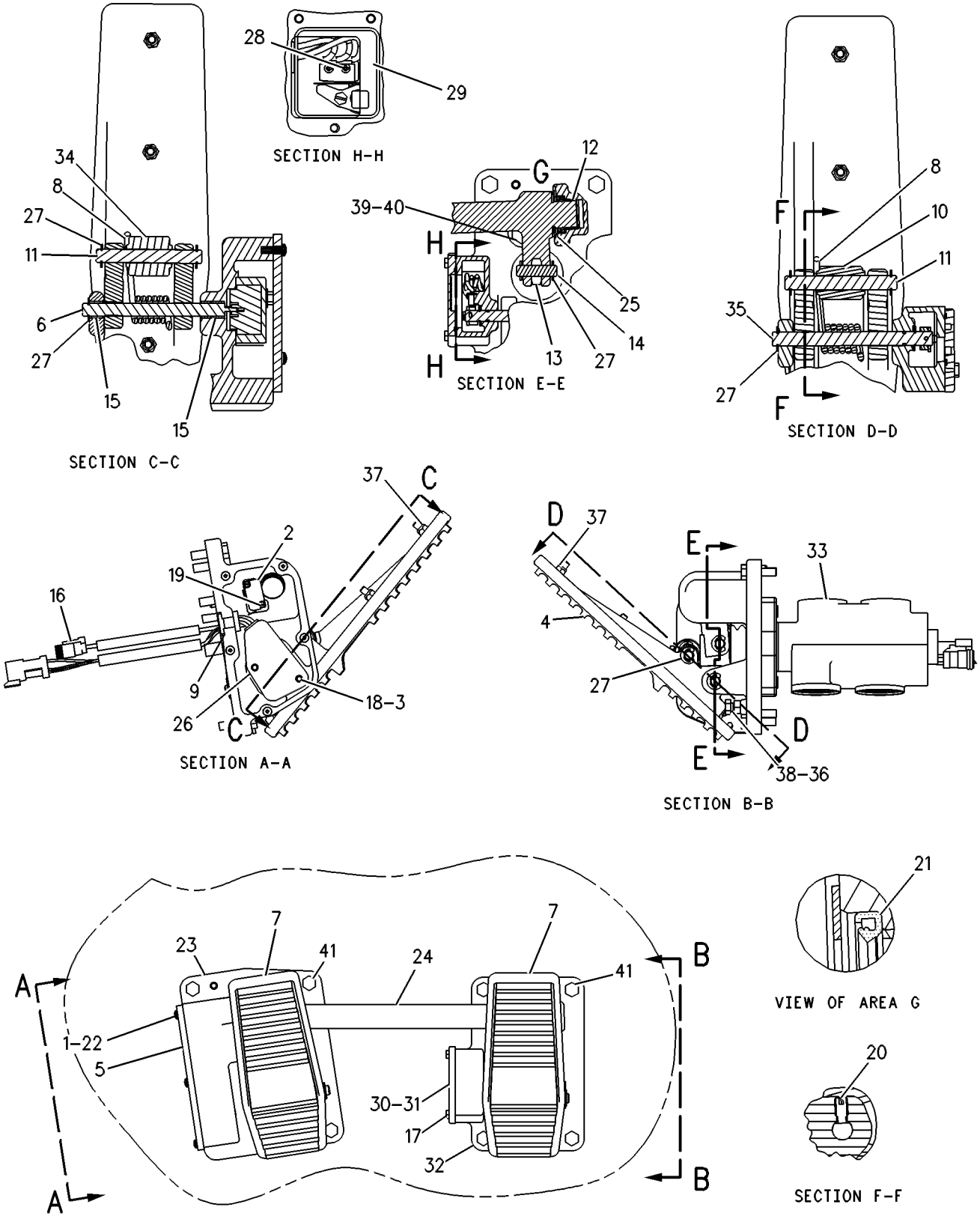
PIN 2KZ1-UP
PART OF 153-3958 CAB AR
TYPE 2

SMCS-4269 **i01229234**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3B-4502**	5	LOCKWASHER (1.19MM THK)	
	2	1	**3E-5520**	1	SWITCH AS-LIMIT (STOP LAMP)	
	3	1	**4B-4274**	2	WASHER (1.2MM THK)	
	4	1	**4E-0649**	2	PAD	
	5	1	**4E-8952**	1	PLATE	
	6	1	**4E-8953**	1	PIN	
	7	1	**4E-8954**	2	PEDAL	
	8	1	**4E-8955**	2	SPRING	
	9	1	**4E-8957**	1	GROMMET	
	10	1	**4E-9663**	1	ROLLER	
	11	1	**4E-9664**	2	PIN	
	12	1	**4E-9665**	2	BEARING	
	13	1	**4E-9667**	1	ROLLER	
	14	1	**4E-9668**	1	PIN	
	15	1	**4E-9669**	2	BEARING	
	16	1	**4E-9967**	1	HARNESS AS	
	17	1	**5M-6755**	3	SCREW-MACHINE	
M	18	1	**6V-2313**	2	BOLT (M5X0.8X30MM)	
M	19	1	**6V-8672**	2	SCREW-MACHINE (M2.5X0.45X16)	
M	20	1	**8C-7531**	2	SETSCREW-SOCKET	
	21	1	**8S-2225**	2	SEAL-LIP	
M	22	1	**8T-6693**	5	SCREW-MACHINE (M5X0.8X16MM)	
	23	1	**9U-2176**	1	BASE AS	
		1	**9S-1307**	2	DOWEL	
	24	1	**9U-2178**	1	SHAFT	
	25	1	**9U-2179**	2	WASHER	
CY	26	1	**147-1680**	1	SENSOR GP-POSITION (TC IMPELLER CLUTCH)	182
	27	1	**009-3101**	10	RING-RETAINING	
	28	1	**112-2276**	1	HARNESS AS	
M	29	1	**125-3295**	2	SCREW-PAN HEAD (M2.5X0.45X12MM)	
	30	1	**128-0606**	1	COVER	
	31	1	**128-0607**	1	SEAL	
	32	1	**128-0610**	1	BASE AS	
		1	**9S-1307**	2	DOWEL	
	33	1	**129-7673**	1	VALVE GP-BRAKE CONTROL (SERVICE)	
		1	**4E-5542**	1	BOOT-VALVE PISTON	
	34	1	**129-7674**	1	ROLLER	
	35	1	**132-3915**	1	SHAFT AS	
M	36	1	**5C-7261**	2	NUT (M8X1.25 THD)	
M	37	1	**6V-7743**	6	LOCKNUT (M6X1.00 THD)	
M	38	1	**8T-4189**	2	BOLT (M8X1.25X20MM)	
	39	1	**8T-4223**	2	WASHER-HARD (3MM THK)	
M	40	1	**8T-4956**	2	BOLT (M12X1.75X35MM)	
M	41	1	**8T-7547**	7	BOLT (M8X1.25X30MM)	

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

112-2273 CONTROL GP-FOOT BRAKE *(contd.)* i01229234



GRAPHIC #1 g00273950

4E-6401 CONTROL GP-PARKING BRAKE

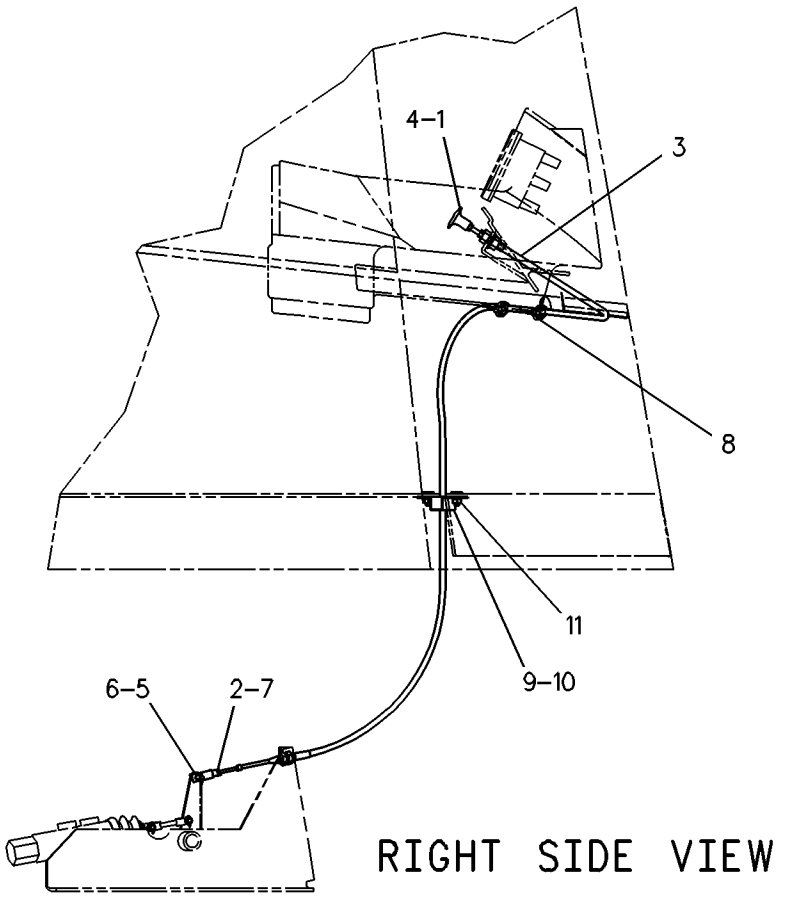
PIN 2KZ1-UP

PART OF 153-3958 CAB AR

SMCS-4282, 4284 **i01057763**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**122-1671**	1	KNOB	
M	2	1	**5C-2874**	1	NUT (M5X.8 THD)	
	3	1	**3E-6367**	1	CABLE AS	
M	4	1	**5C-2890**	1	NUT (M6X1.00 THD)	
	5	1	**096-0067**	1	PIN-CLEVIS	
	6	1	**5B-9192**	1	COTTER	
	7	1	**9U-0830**	1	END-YOKE ROD	
	8	1	**3S-2093**	2	STRAP-CABLE (1.75IN DIA)	
	9	1	**9U-0178**	1	BRACKET	
	10	1	**9U-0200**	1	BLOCK	
M	11	1	**5C-7261**	2	NUT (M8X1.25 THD)	
		1	**8T-4224**	2	WASHER-HARD (2MM THK)	

M-METRIC PART



GRAPHIC #1 g00119781

MEMORANDA

BRAKING SYSTEM

8R-5649 LINES GP-PARKING BRAKE

PIN 2KZ1-UP

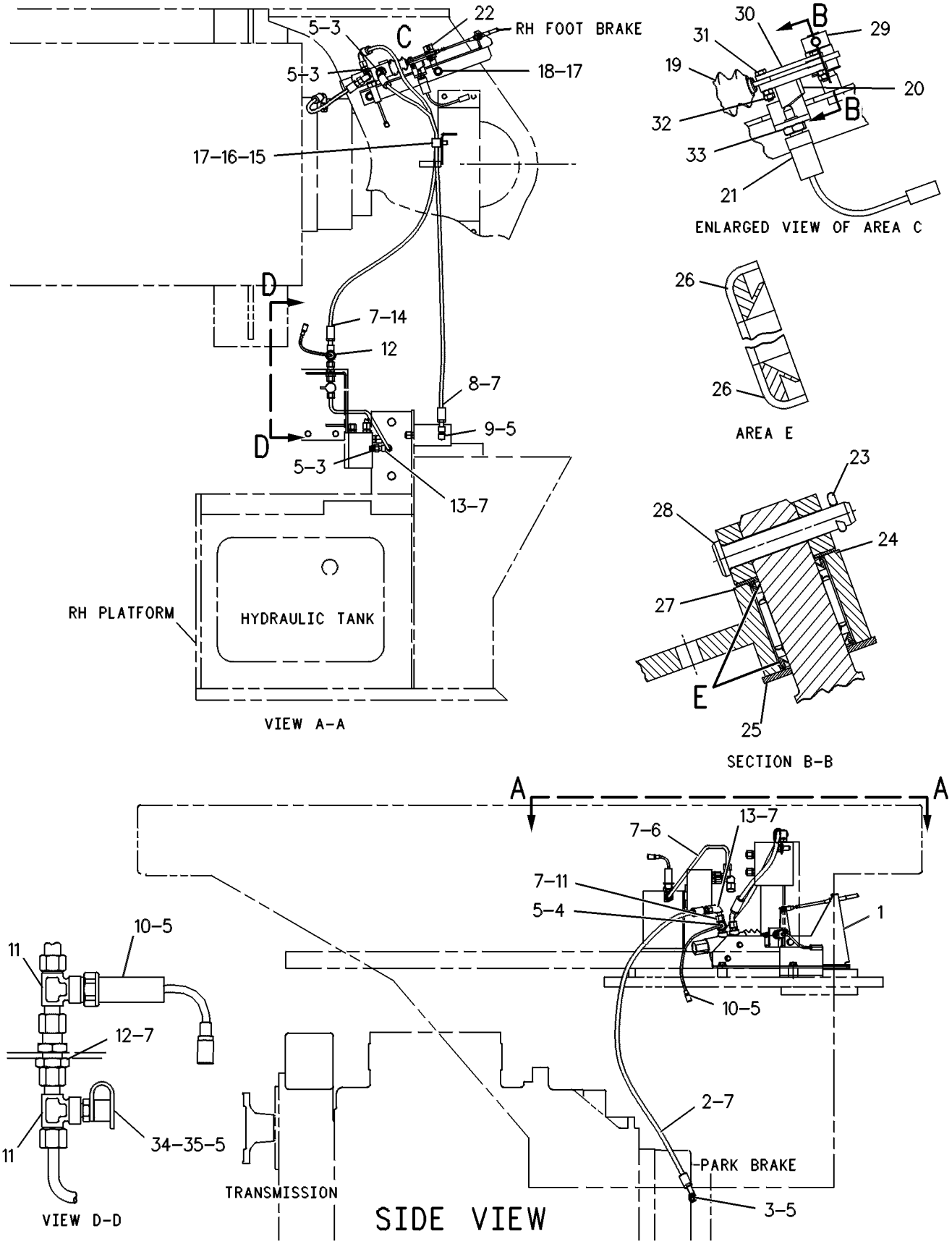
PART OF 152-9752 CHASSIS AR

SMCS-4257 **i01243475**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**103-3587**	1	BRACKET AS	
I	2	1	**9U-1528**	1	HOSE AS	
	3	1	**6V-8636**	4	ADAPTER-SEAL (ORFS 11/16-16; PORT 9/16-18)	
	4	1	**3E-2310**	1	TEE	
	5	1	**3J-1907**	9	SEAL-O-RING (11.89MM ID)	
	6	1	**103-8983**	1	TUBE AS	
	7	1	**6V-8397**	12	SEAL-O-RING (9.27MM ID)	
I	8	1	**9U-1476**	1	HOSE AS	
	9	1	**6V-8724**	1	ELBOW (9/16-18 THD)	
	10	1	**3E-6452**	2	SWITCH AS-PRESSURE (PARKING BRAKE OIL)	
					(EACH INCLUDES)	
		1	**102-8803**	1	KIT-RECEPTACLE (3 PIN)	
					(INCLUDES WEDGE)	
		1	**3E-3371**	1	WEDGE-RECEPTACLE LOCK	
		1	**8T-8729**	3	PIN-CONNECTOR	
	11	1	**8T-8902**	2	TEE	
	12	1	**6V-8994**	1	UNION-BULKHEAD (11/16-16 THD)	
		1	**6V-9168**	1	NUT (11/16-16 THD)	
	13	1	**6V-9850**	2	ELBOW-SWIVEL (11/16-16 THD)	
I	14	1	**9U-1475**	1	HOSE AS	
	15	1	**7S-1912**	1	CLIP (20.62MM ID)	
M	16	1	**8T-4139**	1	BOLT (M12X1.75X30MM)	
	17	1	**8T-4223**	3	WASHER-HARD (3MM THK)	
M	18	1	**8T-4192**	2	BOLT (M12X1.75X25MM)	
Y	19	1	**100-8941**	1	VALVE GP-BRAKE CONTROL	398
M		1	**8T-4189**	2	BOLT (M8X1.25X20MM)	
		1	**8T-4224**	2	WASHER-HARD (8.8X16X2MM THK)	
	20	1	**104-5887**	1	BLOCK AS	
	21	1	**171-7085**	1	SWITCH AS-LIMIT (PARKING BRAKE)	
BE		1	**9X-1386**		SLEEVE	
		1	**3E-3377**	1	WEDGE-RECEPTACLE LOCK	
		1	**102-8804**	1	KIT-RECEPTACLE (4 PIN)	
					(INCLUDES WEDGE)	
		1	**8T-8729**	4	PIN-CONNECTOR	
	22	1	**7I-4078**	1	LEVER AS	
	23	1	**3B-4607**	1	COTTER	
	24	1	**5P-6724**	1	BEARING-ROLLER	
B	25	1	**1A-4790**	4	WASHER	
	26	1	**8T-0741**	2	SEAL-LIP (15.88MM ID)	
	27	1	**2V-7859**	1	BEARING	
	28	1	**4B-2913**	1	PIN-CLEVIS	
	29	1	**4V-1541**	1	COLLAR	
	30	1	**104-5888**	1	STRIP	
M	31	1	**8T-4971**	2	BOLT (M6X1.0X30MM)	
M	32	1	**5C-2890**	4	NUT (M6X1.00 THD)	
	33	1	**5B-2183**	1	NUT-JAM (9/16-18 THD)	
	34	1	**6V-3965**	1	FITTING AS	
	35	1	**6V-0852**	1	CAP-DUST (HYDRAULIC TEST PORT)	

B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER
I-SEE HOSE FABRICATION GUIDE
M-METRIC PART
Y-SEPARATE ILLUSTRATION

8R-5649 LINES GP-PARKING BRAKE *(contd.)* i01243475



GRAPHIC #1 g00120145

BRAKING SYSTEM

8R-5646 LINES GP-SERVICE BRAKE

PIN 2KZ1-UP

PART OF 152-9752 CHASSIS AR

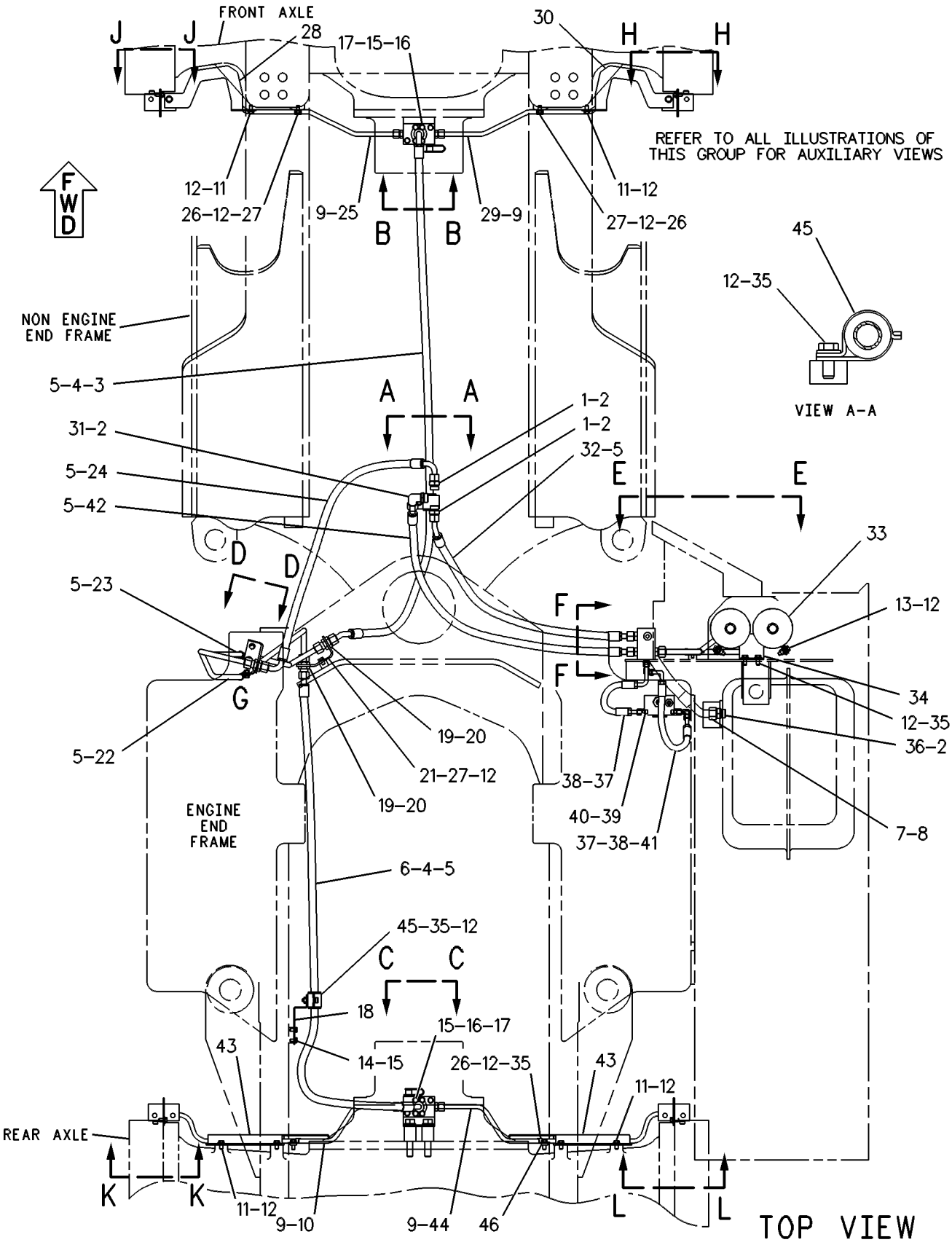
SMCS-4257 **i00866360**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6V-8716**	4	CONNECTOR-SEAL	
	2	1	**7M-8485**	7	SEAL-O-RING (29.74MM ID)	
I	3	1	**9U-1494**	1	HOSE AS	
	4	1	**4J-0520**	2	SEAL-O-RING (32.92MM ID)	
	5	1	**6V-9746**	18	SEAL-O-RING (18.94MM ID)	
I	6	1	**9U-1493**	1	HOSE AS	
I	7	1	**9U-1449**	1	HOSE AS	
	8	1	**5K-9090**	2	SEAL-O-RING (23.52MM ID)	
	9	1	**7J-9108**	8	SEAL-O-RING (15.72MM ID)	
	10	1	**4E-9597**	1	TUBE AS	
M	11	1	**8T-4192**	6	BOLT (M12X1.75X25MM)	
	12	1	**8T-4223**	20	WASHER-HARD (3MM THK)	
M	13	1	**8T-4183**	2	BOLT (M12X1.75X40MM)	
M		1	**8T-4244**	2	NUT (M12X1.75 THD)	
M	14	1	**8T-4137**	2	BOLT (M10X1.50X20MM)	
	15	1	**8T-4121**	10	WASHER (2.5MM THK)	
M	16	1	**8T-4196**	8	BOLT (M10X1.50X35MM)	
	17	1	**8C-3206**	4	FLANGE-HALF	
	18	1	**9U-1496**	1	BRACKET AS	
M		1	**8T-3597**	1	NUT-WELD (M12X1.75 THD)	
	19	1	**6V-8997**	2	UNION	
	20	1	**2P-1293**	2	LOCKNUT-BULKHEAD (1 3/16-12 THD)	
	21	1	**9U-1499**	1	BRACKET	
	22	1	**9U-1491**	1	TUBE AS	
	23	1	**9U-1490**	1	TUBE AS	
I	24	1	**9U-1495**	2	HOSE AS	
	25	1	**9U-0128**	1	TUBE AS	
	26	1	**4K-8302**	4	CLIP (15.88MM ID)	
M	27	1	**8T-4179**	4	BOLT (M12X1.75X20MM)	
	28	1	**9U-0172**	1	GUARD AS-LH	
	29	1	**9U-0130**	1	TUBE AS	
	30	1	**9U-0169**	1	GUARD AS-RH	
	31	1	**6V-9182**	2	ELBOW-FACE SEAL	
I	32	1	**9U-0903**	2	HOSE AS	
Y	33	1	**100-6909**	2	ACCUMULATOR GP-BRAKE	380
	34	1	**9U-1477**	1	CLAMP AS	
M	35	1	**8T-4139**	6	BOLT (M12X1.75X30MM)	
	36	1	**6V-8635**	1	CONNECTOR-SEAL	
I	37	1	**110-2335**	2	HOSE AS	
	38	1	**6V-8397**	5	SEAL-O-RING (9.27MM ID)	
	39	1	**6V-8636**	2	CONNECTOR	
	40	1	**3J-1907**	2	SEAL-O-RING (11.89MM ID)	
	41	1	**6V-9850**	1	ELBOW-SWIVEL (11/16-16 THD)	
I	42	1	**9U-0902**	2	HOSE AS	
	43	1	**4E-9603**	2	GUARD	
	44	1	**4E-9599**	1	TUBE AS	
	45	1	**5P-7466**	2	CLIP (SLOT)	
		1	**5P-7467**	2	CLIP (TAB)	
		1	**5P-8112**	2	GROMMET	
	46	1	**8B-9725**	2	BOSS	
	47	2	**6V-8716**	2	CONNECTOR-SEAL	
	48	2	**7M-8485**	3	SEAL-O-RING (29.74MM ID)	
	49	2	**9U-1450**	1	MANIFOLD	
	50	2	**6V-8637**	6	CONNECTOR-SEAL	
	51	2	**6V-9746**	4	SEAL-O-RING (18.94MM ID)	
	52	2	**9U-1452**	1	TUBE AS	

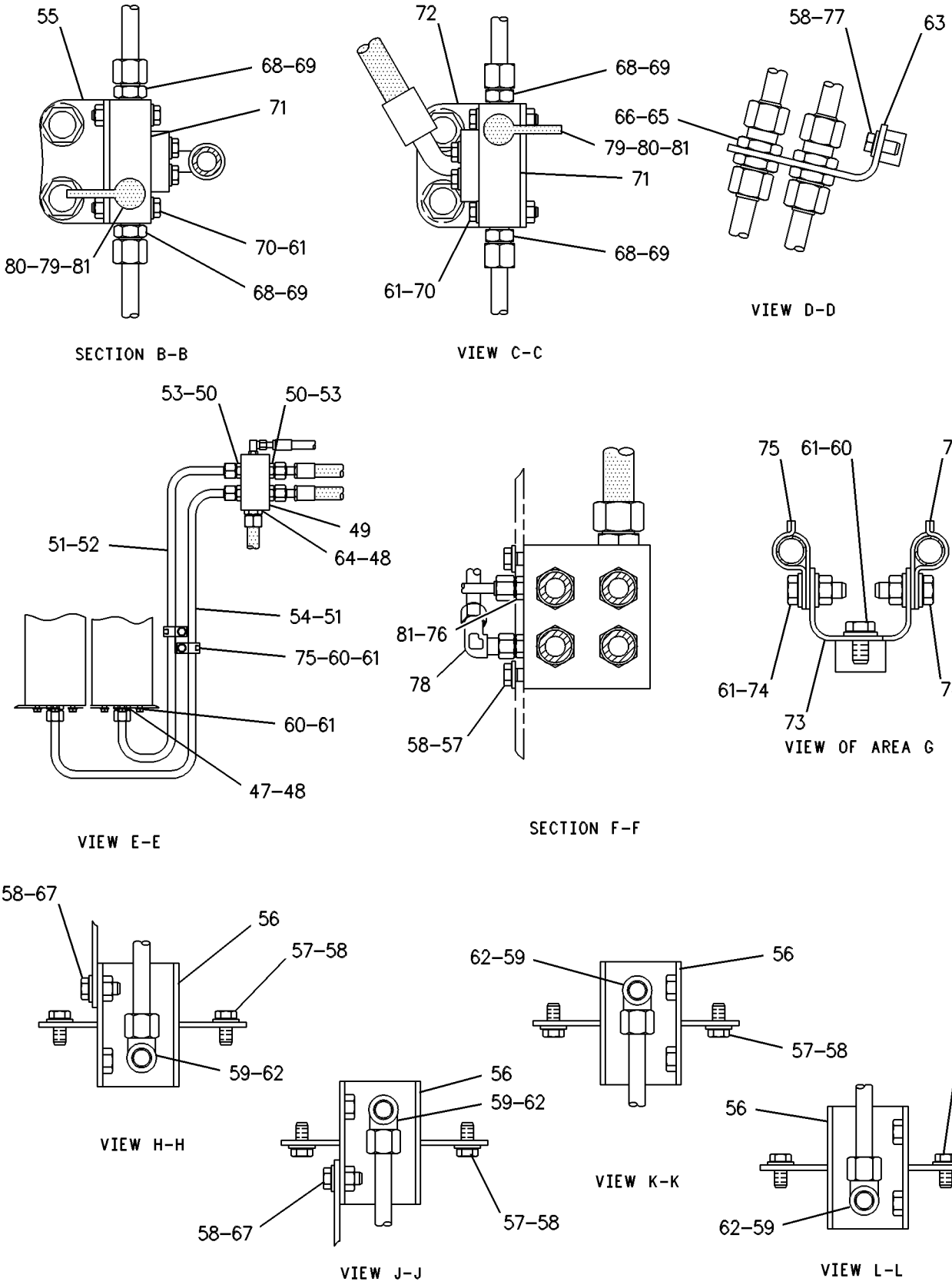
8R-5646 LINES GP-SERVICE BRAKE *(contd.)* i00866360

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	53	2	**3D-2824**	6	SEAL-O-RING (23.47MM ID)	
	54	2	**9U-1451**	1	TUBE AS	
	55	2	**9U-0132**	1	BRACKET AS	
M		2	**8T-3490**	2	NUT-WELD (M10X1.5 THD)	
	56	2	**101-0606**	4	GUARD AS	
M		2	**8T-3597**	2	NUT-WELD (M12X1.75 THD)	
M	57	2	**8T-4192**	10	BOLT (M12X1.75X25MM)	
	58	2	**8T-4223**	14	WASHER-HARD (3MM THK)	
		2	**6V-8722**	4	ELBOW-FACE SEAL	
M	60	2	**8T-4137**	10	BOLT (M10X1.50X20MM)	
	61	2	**8T-4121**	18	WASHER (2.5MM THK)	
	62	2	**3K-0360**	4	SEAL-O-RING (16.36MM ID)	
	63	2	**9U-1498**	1	BRACKET	
	64	2	**6V-8635**	1	CONNECTOR-SEAL	
	65	2	**6V-8997**	2	UNION	
	66	2	**2P-1293**	2	LOCKNUT-BULKHEAD (1 3/16-12 THD)	
M	67	2	**8T-4139**	2	BOLT (M12X1.75X30MM)	
		2	**6V-8642**	4	CONNECTOR-SEAL	
	69	2	**2M-9780**	4	SEAL-O-RING (19.18MM ID)	
M	70	2	**8T-6466**	4	BOLT (M10X1.50X60MM)	
C	71	2	**115-2516**	2	BLOCK	
	72	2	**9U-0203**	1	BRACKET AS	
M		2	**8T-3490**	2	NUT-WELD (M10X1.5 THD)	
	73	2	**7V-5002**	2	CLIP	
M	74	2	**8T-4195**	2	BOLT (M10X1.50X30MM)	
M		2	**8T-4133**	2	NUT (M10X1.50 THD)	
	75	2	**8T-1888**	4	CLIP (TAB)	
		2	**8T-1887**	4	CLIP (SLOT)	
	76	2	**6V-8636**	2	CONNECTOR	
M	77	2	**8T-4136**	2	BOLT (M10X1.50X25MM)	
	78	2	**6V-9850**	1	ELBOW-SWIVEL (11/16-16 THD)	
C	79	2	**6V-0852**	2	CAP-DUST	
C	80	2	**6V-3965**	2	NIPPLE AS	
C	81	2	**3J-1907**	4	SEAL-O-RING (11.89MM ID)	

C-CHANGE FROM PREVIOUS TYPE
I-SEE HOSE FABRICATION GUIDE
M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00121159



GRAPHIC #2

g00422329

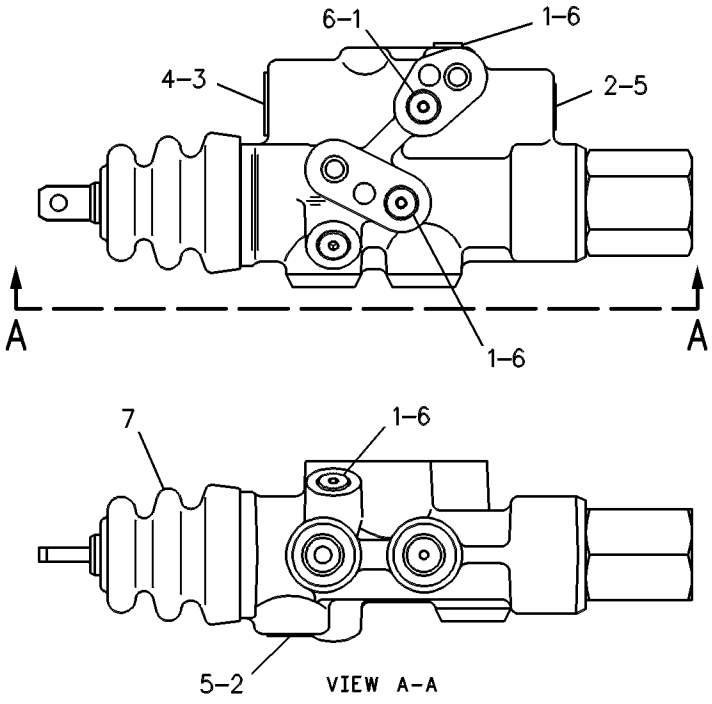
100-8941 VALVE GP-BRAKE CONTROL–PARKING

PIN 2KZ1-UP

PART OF 8R-5649 LINES GP-PARKING BRAKE

SMCS-4265 **i00172680**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9S-8001**	5	PLUG-O-RING (5/16-24 THD)	
	2	1	**9S-8004**	2	PLUG-O-RING (9/16-18 THD)	
	3	1	**9S-8006**	1	PLUG-O-RING (7/8-14 THD)	
	4	1	**2M-9780**	1	SEAL-O-RING (19.18MM ID)	
	5	1	**3J-1907**	2	SEAL-O-RING (11.89MM ID)	
	6	1	**4J-7533**	5	SEAL-O-RING (6.07MM ID)	
	7	1	**4E-5551**	1	BOOT-ACTUATION ROD	
					AVAILABLE REPAIR KIT(S):	
			101-7034		KIT-SEAL	



GRAPHIC #1 g00119975

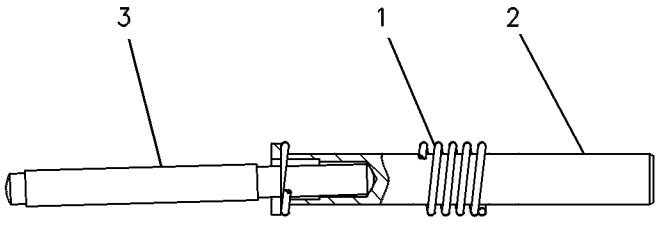
111-7327 ACTUATOR GP-PISTON PUMP

PIN 2KZ1-UP

PART OF 6E-1542 PUMP GP-PISTON

SMCS-5078 **i00174072**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**5I-4303**	1	SPRING	
	2	1	**113-2660**	1	PISTON	
	3	1	**128-5101**	1	ROD (150.1MM LG)	



GRAPHIC #1 g00120754

111-7328 ACTUATOR GP-PISTON PUMP

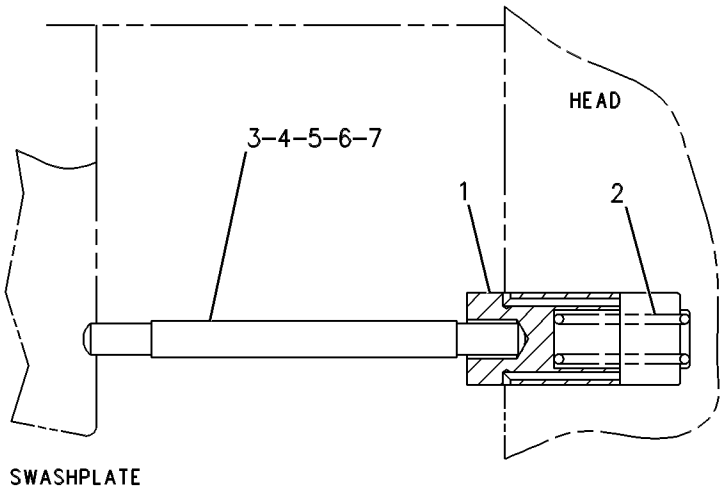
PIN 2KZ1-UP

PART OF 6E-1542 PUMP GP-PISTON

SMCS-5078 **i00174073**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**113-2661**	1	PISTON-ACTUATOR	
	2	1	**5I-4306**	1	SPRING	
B	3	1	**128-5102**	1	ROD (169.6MM LG)	
B	4	1	**128-5103**	1	ROD (169.7MM LG)	
B	5	1	**113-0372**	1	ROD (169.8MM LG)	
B	6	1	**128-5104**	1	ROD (169.9MM LG)	
B	7	1	**128-5105**	1	ROD (170.0MM LG)	

B-USE AS REQUIRED



RIGHT SIDE VIEW

GRAPHIC #1 g00121310

MEMORANDA

STEERING SYSTEM

130-1830 CONTROL GP-STEERING

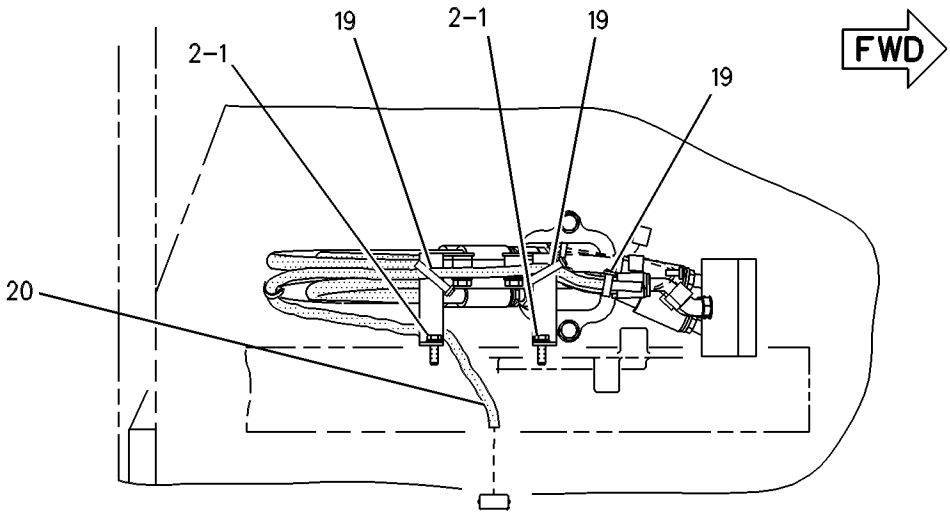
PIN 2KZ1-UP

PART OF 153-3958 CAB AR

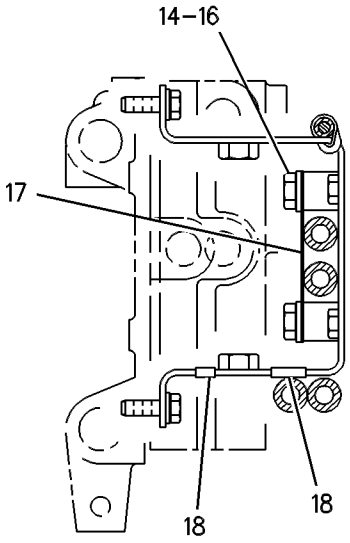
SMCS-4309, 4310, 4338 **i01206571**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**8T-4908**	4	BOLT (M8X1.25X25MM)	
	2	1	**8T-4224**	4	WASHER-HARD (2MM THK)	
	3	1	**4E-3426**	2	BRACKET AS	
					(EACH INCLUDES)	
M		1	**6V-9632**	2	NUT-WELD (M6X1 THD)	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5 THD)	
I	4	1	**4E-6867**	2	HOSE AS	
C	5	1	**6V-8398**	8	SEAL-O-RING (12.47MM ID)	
C	6	1	**3K-0360**	12	SEAL-O-RING (16.36MM ID)	
	7	1	**136-3607**	1	ELBOW-45 DEGREE	
	8	1	**4E-3441**	1	PAD	
CY	9	1	**143-2855**	1	VALVE GP-PILOT (STEERING)	436
I	10	1	**098-6814**	2	HOSE AS	
C	11	1	**6V-8625**	2	ELBOW-90 DEGREE (3/4-16 THD)	
	12	1	**4E-3439**	1	MANIFOLD	
M	13	1	**8T-4195**	3	BOLT (M10X1.50X30MM)	
	14	1	**8T-4121**	7	WASHER-HARD (2.5MM THK)	
	15	1	**6V-8639**	8	CONNECTOR-SEAL	
M	16	1	**8T-4191**	4	BOLT (M10X1.50X16MM)	
	17	1	**102-0496**	2	PLATE	
BD	18	1	**5P-6120**		TRIM-EDGE	
	19	1	**3S-2093**	9	STRAP-CABLE	
	20	1	**124-2971**	1	HARNESS AS	

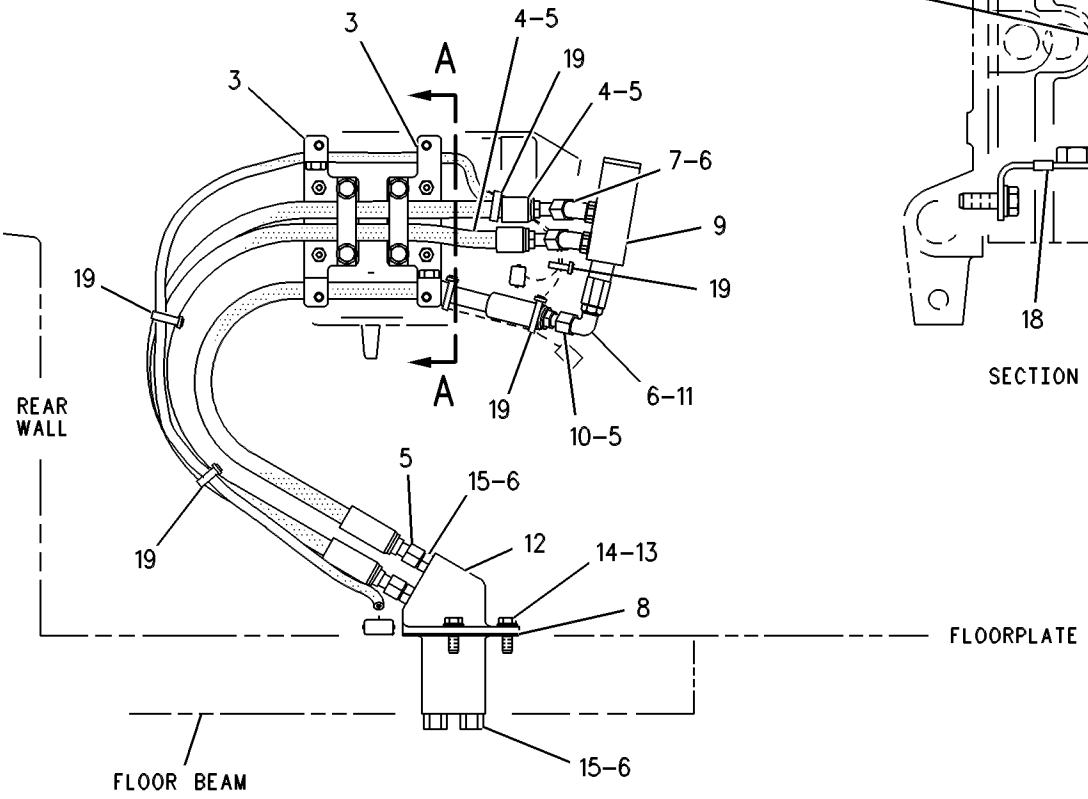
B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
D-ORDER BY THE METER
I-SEE HOSE FABRICATION GUIDE
M-METRIC PART
Y-SEPARATE ILLUSTRATION



TOP VIEW



SECTION A-A



RIGHT SIDE VIEW

GRAPHIC #1 g00273430

111-7331 COUPLING GP-PUMP

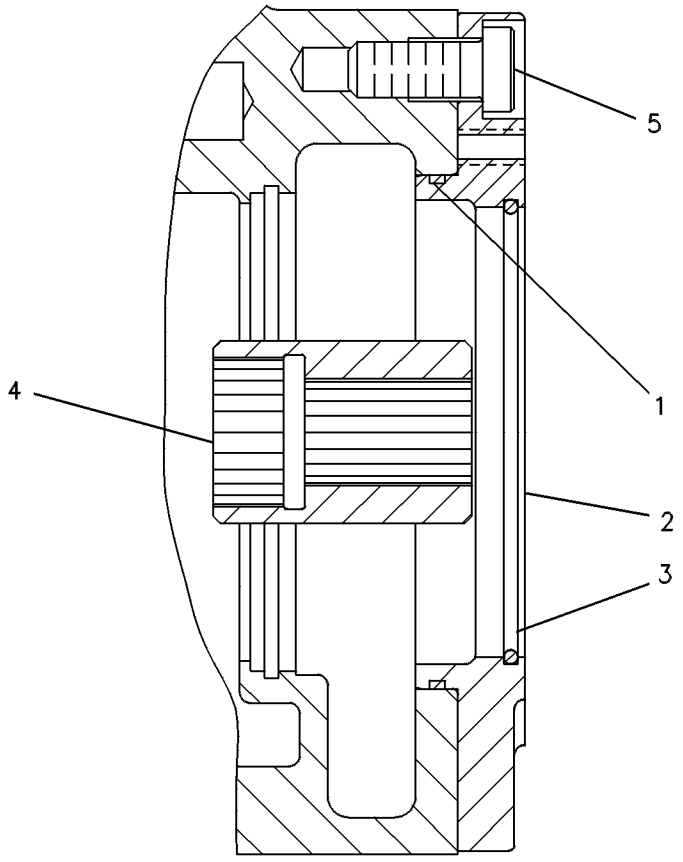
PIN 2KZ1-UP

PART OF 6E-1542 PUMP GP-PISTON

SMCS-5062 **i00174080**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8F-9516**	1	SEAL-O-RING (139.29MM ID)	
	2	1	**6E-2516**	1	FLANGE	
	3	1	**7J-6285**	1	SEAL-O-RING (126.67MM ID)	
	4	1	**113-2658**	1	COUPLING	
M	5	1	**9X-8485**	4	BOLT-SHALLOW HEAD	

M-METRIC PART



GRAPHIC #1 g00120757

8R-5663 CYLINDER & MTG GP-STEERING

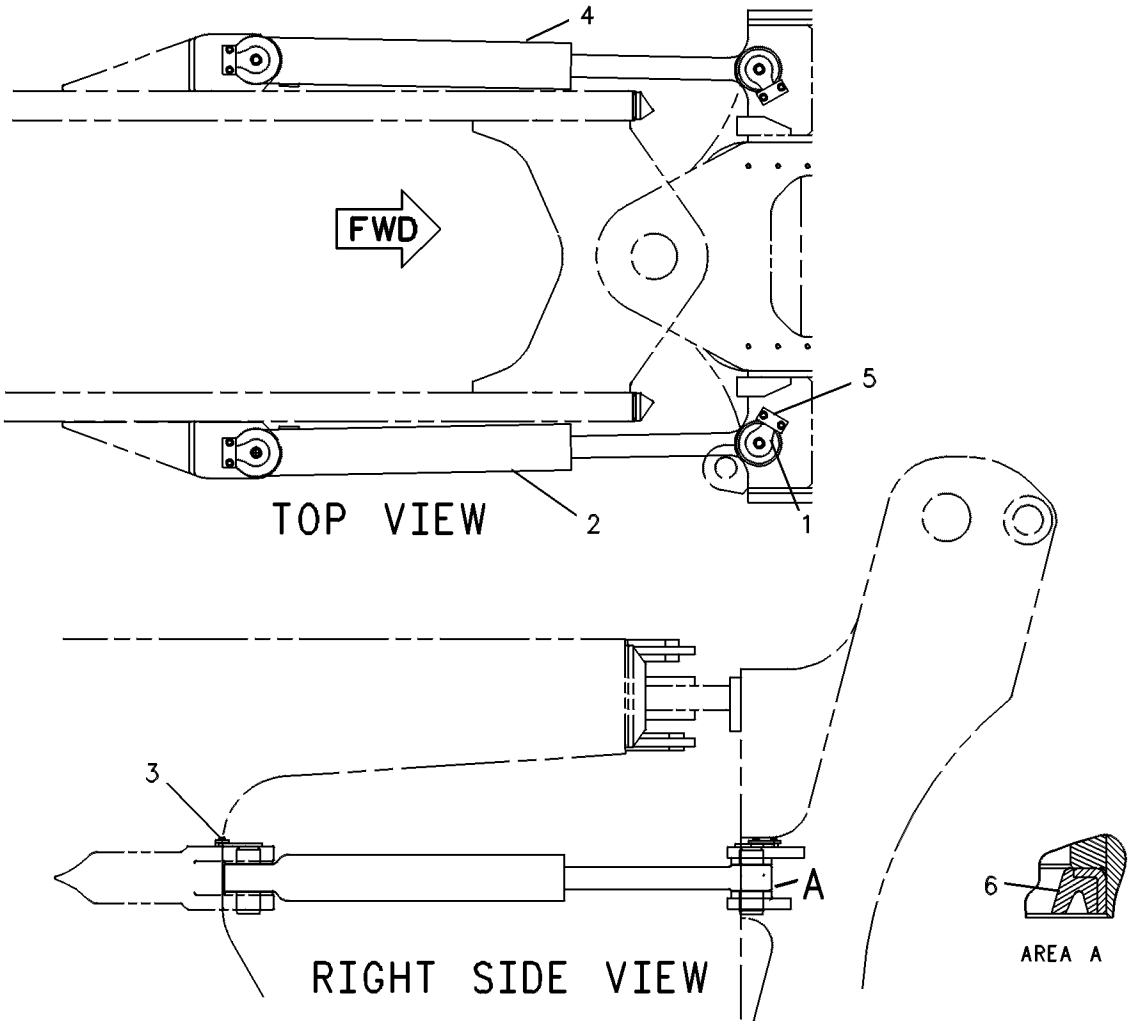
PIN 2KZ1-UP

PART OF 152-9753 HYDRAULIC AR

SMCS-4303 **i00174920**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-8080**	1	PIN AS	
Y	2	1	**9T-9568**	1	CYLINDER GP-STEERING	408
M	3	1	**8T-4192**	8	BOLT (M12X1.75X25MM)	
		1	**8T-4223**	8	WASHER-HARD (3MM THK)	
Y	4	1	**6E-1244**	1	CYLINDER GP-STEERING	406
	5	1	**9D-6877**	4	PLATE	
	6	1	**7X-4803**	8	SEAL-LIP	

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00120137

6E-1244 CYLINDER GP-STEERING—LH

PIN 2KZ1-UP

139.7MM (5.5IN) BORE X 873MM (34.37IN) STROKE

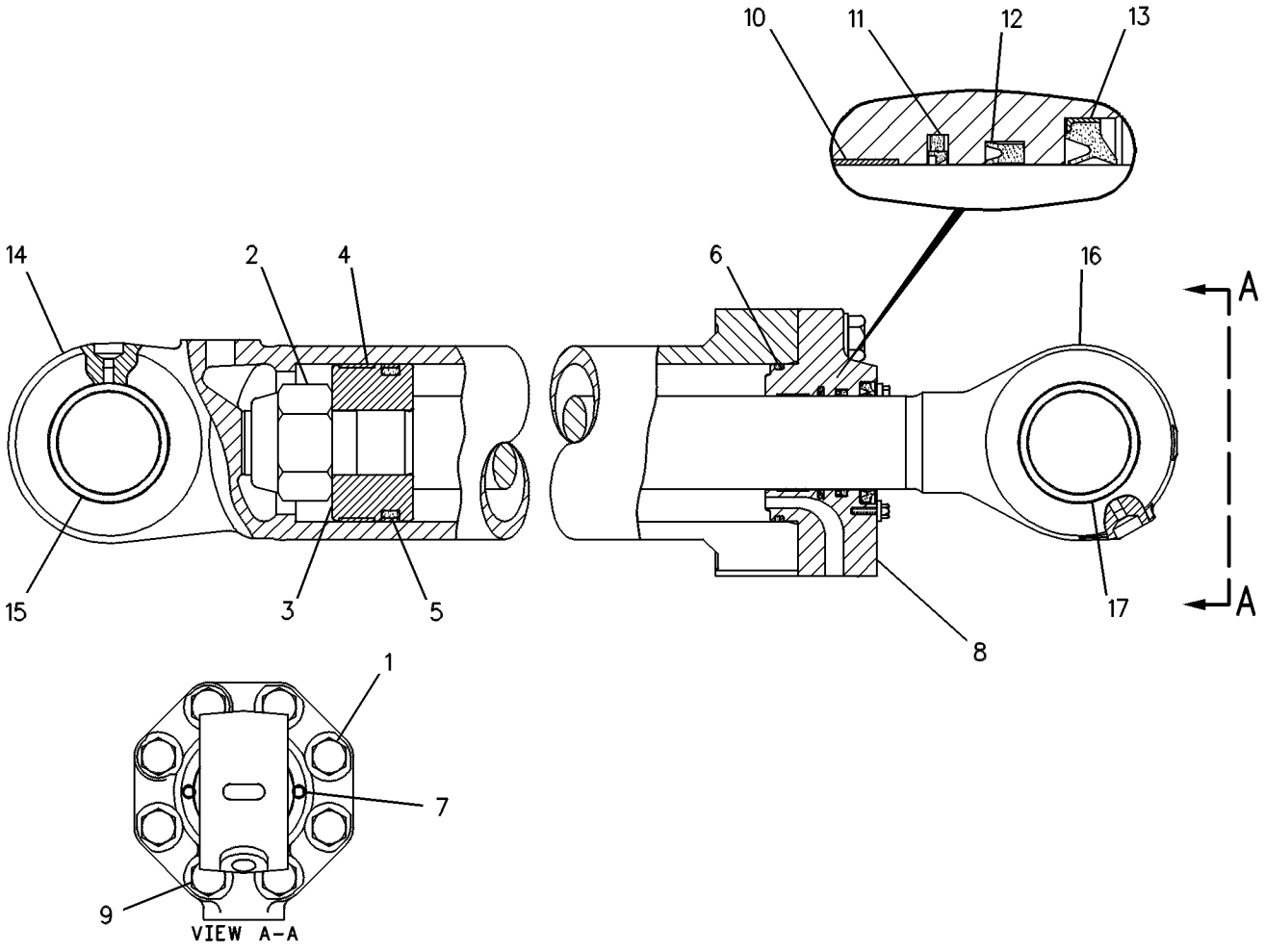
PART OF 8R-5663 CYLINDER & MTG GP-STEERING

SMCS-4303 **i01143207**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**173-9779**	6	BOLT-HEX HEAD (M24X3.0X80MM)	
		1	**6V-8237**	8	WASHER (4.0MM THK)	
	2	1	**3J-6899**	1	LOCKNUT	
	3	1	**6E-1249**	1	PISTON	
	4	1	**4J-4606**	1	RING-WEAR	
	5	1	**4T-5173**	1	SEAL	
	6	1	**8J-1688**	1	SEAL-O-RING	
		1	**8J-1689**	1	RING-BACKUP	
M	7	1	**6V-5215**	4	BOLT (M8X1.25X16MM)	
		1	**7S-6369**	4	WASHER (4.8MM THK)	
	8	1	**6E-1250**	1	HEAD	
M	9	1	**8T-0667**	2	BOLT (M24X3X100MM)	
	10	1	**8C-9101**	1	RING-WEAR	
	11	1	**8C-9121**	1	SEAL AS	
	12	1	**5J-8325**	1	SEAL-U-CUP (80.7MM ID)	
	13	1	**8T-8389**	1	SEAL (81MM ID)	
R	14	1	**6E-1245**	1	CYLINDER AS	
	15	1	**6E-0804**	1	BEARING-SLEEVE	
	16	1	**6E-1251**	1	ROD AS	
	17	1	**6E-0804**	1	BEARING-SLEEVE	

M-METRIC PART
R-REMFG PART MAY BE AVAILABLE

6E-1244 CYLINDER GP-STEERING *(contd.)* i01143207



GRAPHIC #1 g00120172

9T-9568 CYLINDER GP-STEERING–RH

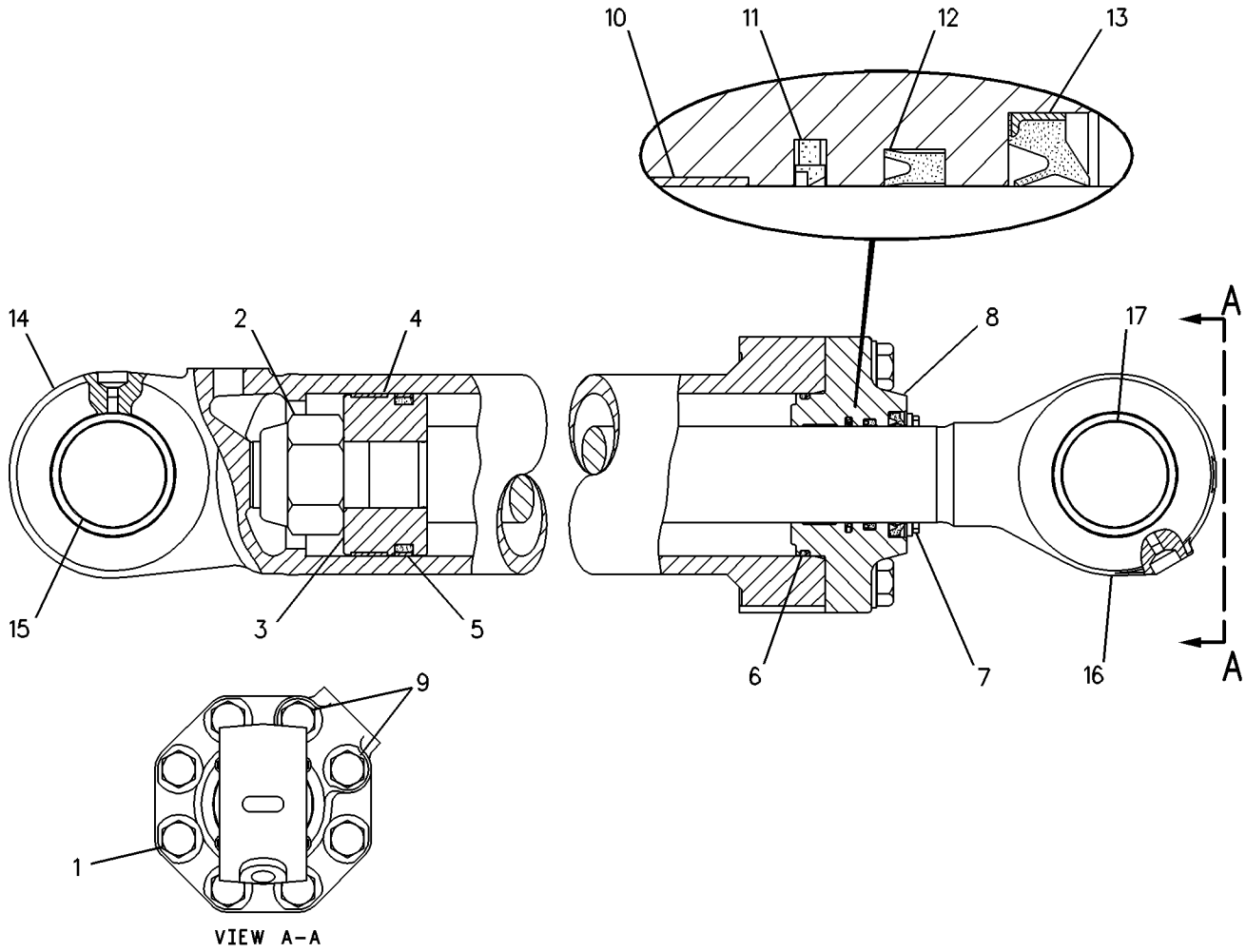
PIN 2KZ1-UP
139.7MM (5.5IN) BORE X 873MM (34.37IN) STROKE
PART OF 8R-5663 CYLINDER & MTG GP-STEERING

SMCS-4303 **i01143139**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**173-9779**	6	BOLT-HEX HEAD (M24X3.0X80MM)	
		1	**6V-8237**	8	WASHER (4.0MM THK)	
	2	1	**3J-6899**	1	LOCKNUT	
	3	1	**6E-1249**	1	PISTON	
	4	1	**4J-4606**	1	RING-WEAR	
	5	1	**4T-5173**	1	SEAL	
	6	1	**8J-1688**	1	SEAL-O-RING	
		1	**8J-1689**	1	RING-BACKUP	
M	7	1	**6V-5215**	4	BOLT (M8X1.25X16MM)	
		1	**7S-6369**	4	WASHER (4.8MM THK)	
	8	1	**6E-1250**	1	HEAD	
M	9	1	**8T-0667**	2	BOLT (M24X3X100MM)	
	10	1	**8C-9101**	1	RING-WEAR	
	11	1	**8C-9121**	1	SEAL AS	
	12	1	**5J-8325**	1	SEAL-U-CUP (80.7MM ID)	
	13	1	**8T-8389**	1	SEAL (81MM ID)	
R	14	1	**6E-1245**	1	CYLINDER AS	
	15	1	**6E-0804**	1	BEARING-SLEEVE	
	16	1	**6E-1251**	1	ROD AS	
	17	1	**6E-0804**	1	BEARING-SLEEVE	

M-METRIC PART
R-REMFG PART MAY BE AVAILABLE

9T-9568 CYLINDER GP-STEERING *(contd.)* i01143139



GRAPHIC #1 g00119857

STEERING SYSTEM

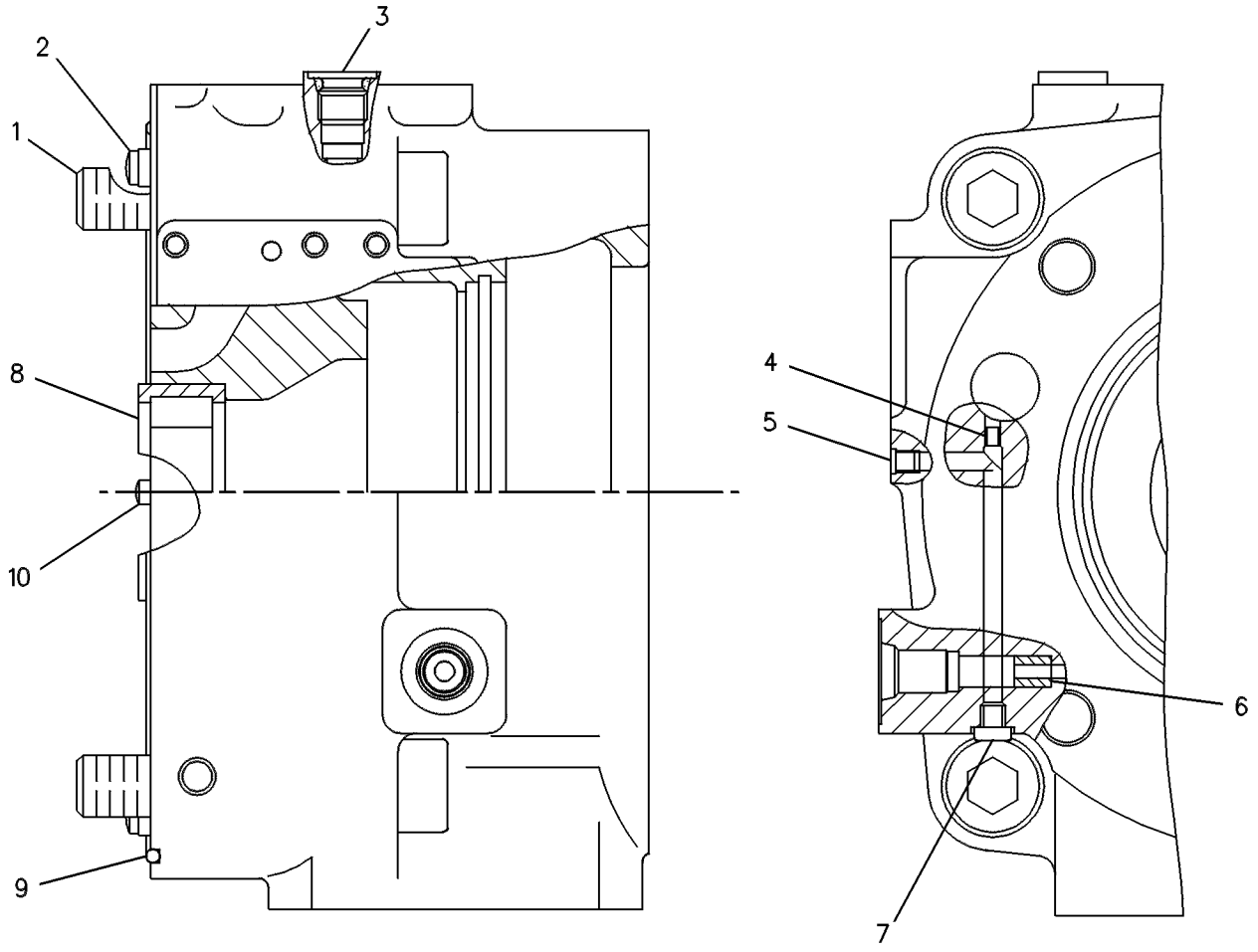
111-7330 HEAD GP-PUMP

PIN 2KZ1-UP

PART OF 6E-1542 PUMP GP-PISTON

SMCS-5070 **i00174077**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**5I-4342**	4	BOLT	
	2	1	**5I-4341**	2	DOWEL	
	3	1	**099-5845**	1	PLUG-HEX	
	4	1	**5I-4277**	1	ORIFICE	
	5	1	**9T-3941**	5	PLUG-BREAK OFF	
	6	1	**6E-3866**	1	SEAT-VALVE	
	7	1	**087-4772**	1	PLUG-HEX	
	8	1	**5I-4374**	1	BEARING-ROLLER	
	9	1	**1T-0132**	1	SEAL-O-RING (234.54MM ID)	
	10	1	**8C-3338**	1	DOWEL	



GRAPHIC #1 g00120756

MEMORANDA

STEERING SYSTEM

130-3805 LINES GP-SECONDARY STEERING

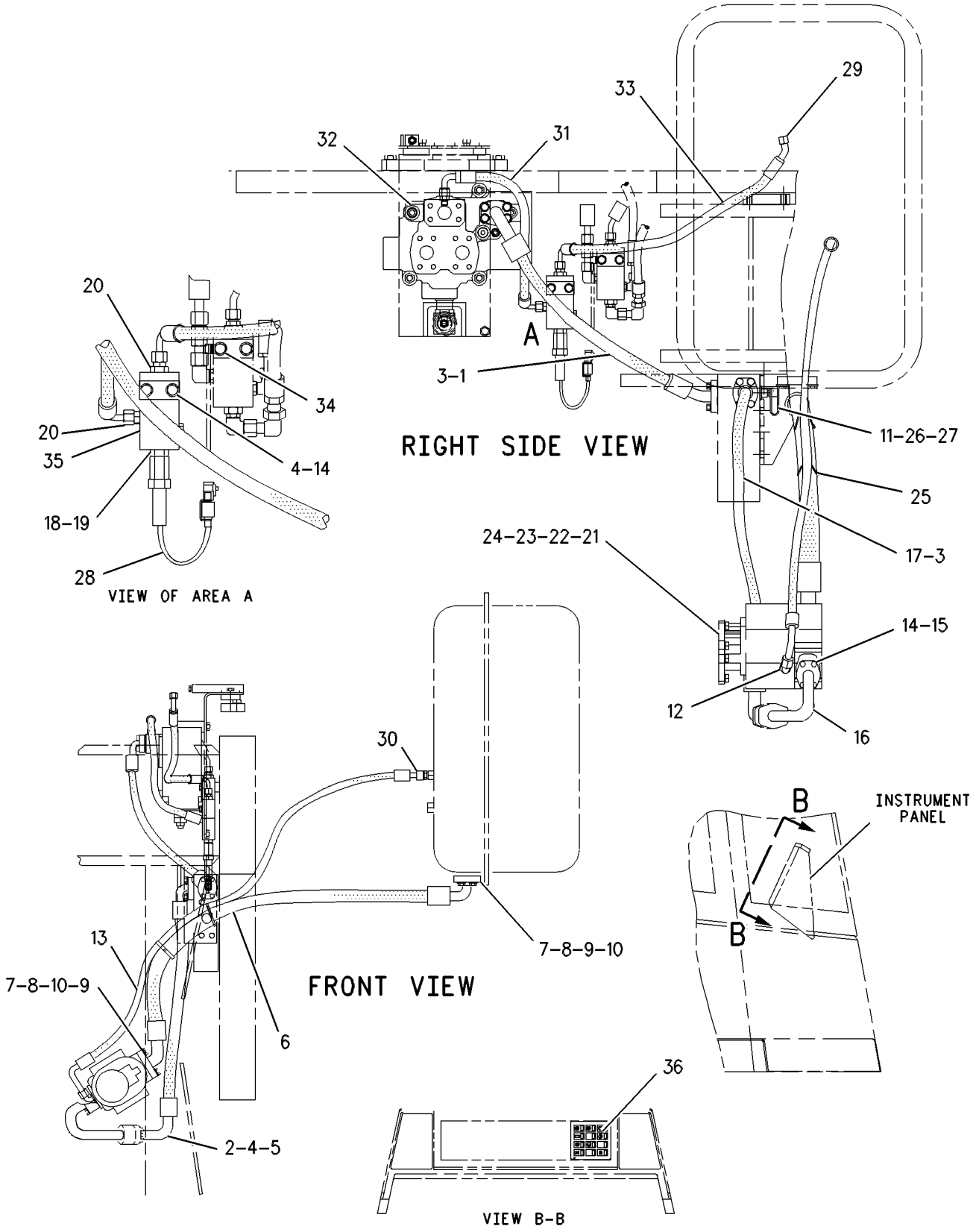
PIN 2KZ1-UP

PART OF 152-9751 GENERAL AR

SMCS-4304 **i01229338**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
I	1	1	**4E-9539**	1	HOSE AS	
	2	1	**8C-3206**	2	FLANGE-HALF	
	3	1	**4J-0520**	4	SEAL-O-RING (32.92MM ID)	
	4	1	**8T-4121**	6	WASHER-HARD (2.5MM THK)	
M	5	1	**8T-4196**	4	BOLT (M10X1.50X35MM)	
I	6	1	**4E-9541**	1	HOSE AS	
	7	1	**4J-0522**	2	SEAL-O-RING (37.69MM ID)	
	8	1	**1P-4579**	4	FLANGE-HALF	
	9	1	**8T-4223**	8	WASHER-HARD (3MM THK)	
M	10	1	**8T-4184**	8	BOLT (M12X1.75X45MM)	
	11	1	**3J-1907**	1	SEAL-O-RING (11.89MM ID)	
	12	1	*148-8364*	1	ELBOW AS	
		1	**3K-0360**	1	SEAL-O-RING (16.36MM ID)	
		1	**6V-8398**	1	SEAL-O-RING (12.47MM ID)	
		1	**6V-8625**	1	ELBOW-90 DEGREE (3/4-16 THD)	
I	13	1	**104-9581**	1	HOSE AS	
M	14	1	**8T-6466**	6	BOLT (M10X1.50X60MM)	
	15	1	**1P-3703**	1	SEAL-RECTANGULAR (31.86MM ID)	
	16	1	**101-2877**	1	TUBE AS	
I	17	1	**4E-9540**	1	HOSE AS	
	18	1	**3K-0360**	1	SEAL-O-RING (16.36MM ID)	
	19	1	*148-8307*	1	ADAPTER AS	
		1	**3J-1907**	1	SEAL-O-RING (11.89MM ID)	
		1	**5P-8874**	1	ADAPTER	
	20	1	*148-8336*	2	CONNECTOR AS	
					(EACH INCLUDES)	
		1	**3J-1907**	1	SEAL-O-RING (11.89MM ID)	
		1	**6V-8397**	1	SEAL-O-RING (9.27MM ID)	
		1	**6V-8636**	1	CONNECTOR-ORFS TO O-RING PORT (ORFS 11/16-16; PORT 9/16-18)	
Y	21	1	**101-4007**	1	PUMP GP-GEAR	420
	22	1	**2N-7007**	1	GASKET	
	23	1	**7X-0599**	4	WASHER-HARD (2MM THK)	
M	24	1	**8T-4244**	4	NUT (M12X1.75 THD)	
	25	1	**7K-1181**	2	STRAP-CABLE (4IN DIA)	
	26	1	**6V-3965**	1	FITTING AS	
	27	1	**6V-0852**	1	CAP-DUST (HYDRAULIC TEST PORT)	
	28	1	**3E-6450**	1	SWITCH AS-PRESSURE (PRIMARY STEERING)	
		1	**3E-3371**	1	WEDGE-RECEPTACLE LOCK	
		1	**8T-8729**	3	PIN-CONNECTOR	
		1	**102-8803**	1	KIT-RECEPTACLE (3 PIN)	
					(INCLUDES WEDGE)	
	29	1	**6V-8397**	1	SEAL-O-RING (9.27MM ID)	
	30	1	*150-4043*	1	CONNECTOR AS	
		1	**3J-1907**	1	SEAL-O-RING (11.89MM ID)	
		1	**6V-8398**	1	SEAL-O-RING (12.47MM ID)	
		1	**6V-9873**	1	CONNECTOR (ORFS)	
I	31	1	**130-2371**	1	HOSE AS	
Y	32	1	**6E-2923**	1	VALVE GP-STEERING	446
I	33	1	**130-2370**	1	HOSE AS	
	34	1	**4D-7794**	1	CLIP (10.0MM ID)	
Y	35	1	**6E-3078**	1	VALVE GP-SELECTOR & PRESS CONT	443
	36	1	**130-1535**	1	FILM-CMS	

I-SEE HOSE FABRICATION GUIDE
M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00611050

STEERING SYSTEM

8R-5668 LINES GP-STEERING

PIN 2KZ1-UP

PART OF 152-9753 HYDRAULIC AR

SMCS-4304 **i01099385**

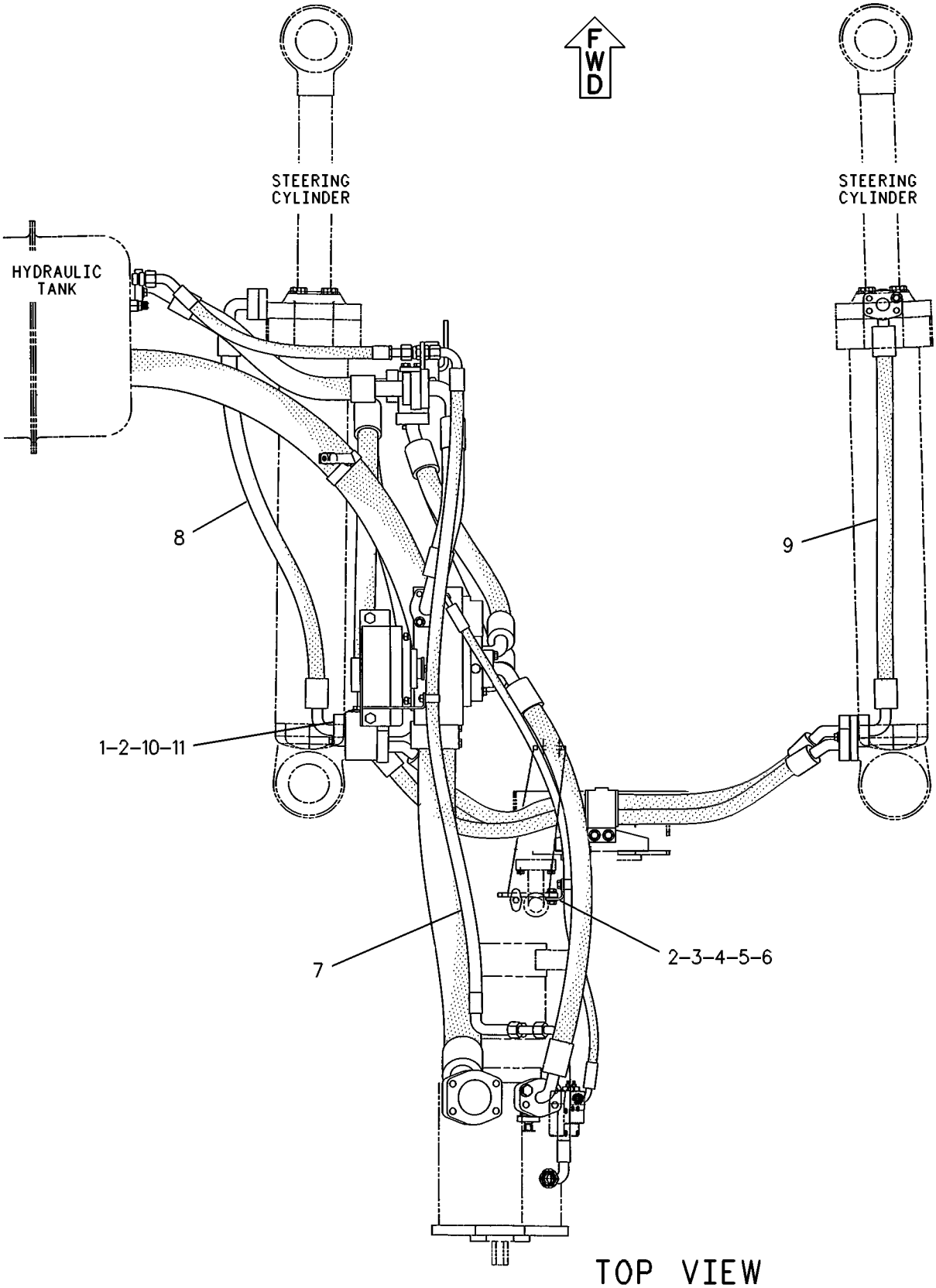
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**8T-4182**	4	BOLT (M10X1.5X45MM)	
	2	1	**8T-4121**	9	WASHER (2.5MM THK)	
	3	1	**7V-5002**	1	CLIP	
	4	1	**5P-4295**	1	CLIP (19.05MM ID)	
M	5	1	**8T-4133**	2	NUT (M10X1.50 THD)	
M	6	1	**8T-4196**	1	BOLT (M10X1.50X35MM)	
I	7	1	**4E-9627**	1	HOSE AS	
I	8	1	**4E-8879**	1	HOSE AS	
I	9	1	**4E-8878**	1	HOSE AS	
	10	1	**6V-0400**	2	FLANGE-HALF	
	11	1	**1P-3703**	1	SEAL-RECTANGULAR (31.86MM ID)	
	12	2	**109-1638**	1	CLIP	
I	13	2	**4E-8875**	1	HOSE AS	
	14	2	**110-5200**	1	BRACKET	
M	15	2	**8T-4136**	1	BOLT (M10X1.50X25MM)	
M	16	2	**8T-5001**	4	BOLT (M12X1.75X130MM)	
M	17	2	**8T-4648**	4	BOLT (M12X1.75X70MM)	
	18	2	**4E-8872**	1	MANIFOLD	
	19	2	**1P-3706**	1	SEAL (57.9MM ID)	
	20	2	**1P-3705**	1	SEAL-RECTANGULAR (44.7MM ID)	
	21	2	**5P-8077**	2	FLANGE-HALF	
	22	2	**1P-5767**	18	FLANGE-HALF	
	23	2	**1P-3704**	12	SEAL-RECTANGULAR (38.2MM ID)	
	24	2	**8J-5914**	1	PLUG-O-RING (9/16-18 THD)	
	25	2	**2S-4078**	1	SEAL-O-RING (37.46MM ID)	
	26	2	**3J-1907**	6	SEAL-O-RING (11.89MM ID)	
	27	2	**6V-3965**	3	NIPPLE AS	
	28	2	**6V-0852**	3	CAP-DUST	
I	29	2	**4E-8876**	1	HOSE AS	
	30	2	**117-9666**	1	PLATE	
I	31	2	**4E-8880**	1	HOSE AS	
I	32	2	**4E-8881**	1	HOSE AS	
	33	2	**1P-4579**	8	FLANGE-HALF	
	34	2	**4J-0524**	4	SEAL-O-RING (47.22MM ID)	
I	35	2	**4E-8877**	1	HOSE AS	
I	36	2	**4E-9628**	1	HOSE AS	
	37	2	**3D-2824**	1	SEAL-O-RING (23.47MM ID)	
	38	2	**6V-8637**	1	CONNECTOR-SEAL	
	39	2	**2P-1293**	1	LOCKNUT-BULKHEAD (1 3/16-12 THD)	
M	40	2	**7X-2557**	4	BOLT (M16X2.0X140MM)	
	41	2	**6V-8997**	1	UNION	
	42	2	**9S-4191**	1	PLUG-O-RING (9/16-18 THD)	
	43	2	**8C-3206**	4	FLANGE-HALF	
	44	2	**9X-8257**	12	WASHER (3.50MM THK)	
	45	2	**4J-0520**	2	SEAL-O-RING (32.92MM ID)	
	46	2	**5H-4019**	2	COVER	
	47	2	**9X-8873**	3	BOLT (1/2-13X2.25IN)	
	48	2	**6V-0400**	14	FLANGE-HALF	
	49	2	**1P-3703**	6	SEAL-RECTANGULAR (31.86MM ID)	
	50	2	**4E-8874**	1	MANIFOLD	
	51	2	**4E-8873**	1	MANIFOLD	
I	52	2	**4E-8883**	1	HOSE AS	
	53	2	**8N-2248**	1	SWITCH AS-TEMPERATURE (STEERING OIL)	
		2	**6V-8376**	2	SCREW-MACHINE (8-32X.25IN)	
		2	**9B-7233**	2	LOCKWASHER (NO.8)	
	54	2	**3K-0360**	1	SEAL-O-RING (16.36MM ID)	

8R-5668 LINES GP-STEERING *(contd.)* i01099385

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	55	2	**8T-4137**	1	BOLT (M10X1.50X20MM)	
I	56	2	**4E-8882**	1	HOSE AS	
M	57	2	**8T-4196**	8	BOLT (M10X1.50X35MM)	
M	58	2	**8T-4133**	1	NUT (M10X1.50 THD)	
I	59	2	**4E-9626**	1	HOSE AS	
	60	2	**6V-9846**	1	TEE-SWIVEL	
I	61	2	**4E-8885**	1	HOSE AS	
	62	2	**2M-9780**	1	SEAL-O-RING (19.18MM ID)	
	63	2	**6V-8640**	1	CONNECTOR-SEAL	
I	64	2	**4E-9629**	1	HOSE AS	
	65	2	**7M-8485**	1	SEAL-O-RING (29.74MM ID)	
I	66	2	**4E-8884**	1	HOSE AS	
	67	2	**6V-8716**	1	CONNECTOR-SEAL	
	68	2	**6V-9746**	7	SEAL-O-RING (18.94MM ID)	
	69	2	**6V-8397**	2	SEAL-O-RING (9.27MM ID)	
	70	2	**6V-8636**	2	CONNECTOR	
	71	2	**4E-8871**	1	MANIFOLD	
M	72	2	**8T-4139**	4	BOLT (M12X1.75X30MM)	
	73	2	**8T-4223**	88	WASHER-HARD (3MM THK)	
	74	2	**7G-5985**	1	CLIP (SLOT)	
	75	2	**7G-5984**	1	CLIP (TAB)	
	76	2	**7G-5986**	1	GROMMET	
Y	77	2	**6E-2925**	1	VALVE GP-STEERING	452
	78	2	**7T-8331**	3	MOUNTING	
M	79	2	**8T-4910**	3	BOLT (M12X1.75X60MM)	
	80	2	**7G-8839**	3	SPACER (6MM THK)	
	81	2	**4E-9551**	1	BRACKET AS	
M	82	2	**8T-3597**	3	NUT-WELD (M12X1.75 THD)	
M	83	2	**8T-3490**	1	NUT-WELD (M10X1.5 THD)	
	84	2	**4S-4455**	1	CLIP (31.75MM ID)	
M	85	2	**7X-2550**	3	BOLT (M12X1.75X110MM)	
	86	2	**8T-4121**	18	WASHER (2.5MM THK)	
M	87	2	**8T-4184**	2	BOLT (M12X1.75X45MM)	
	88	2	**4E-8870**	1	PLATE	
M	89	2	**8T-4192**	6	BOLT (M12X1.75X25MM)	
	90	2	**4E-7789**	2	CLAMP-HALF	
M	91	2	**8T-5092**	2	BOLT (M12X1.75X150MM)	
M	92	2	**8T-4244**	4	NUT (M12X1.75 THD)	
	93	2	**1P-4585**	2	FLANGE-HALF	
	94	2	**2H-6338**	1	SEAL-O-RING (85.32MM ID)	
	95	2	**114-5241**	1	HOSE AS	
	96	2	**1P-7016**	2	FLANGE-HALF	
	97	2	**2H-3934**	1	SEAL (98.02MM ID)	
	98	2	**4E-9623**	1	BRACKET	
	99	2	**4E-9624**	1	BAR	
	100	2	**9U-0190**	1	BAR	
M	101	2	**8T-4193**	10	BOLT (M16X2.0X50MM)	
M	102	2	**8T-4183**	18	BOLT (M12X1.75 THD)	
M	103	2	**8T-4194**	36	BOLT (M12X1.75X50MM)	
M	104	2	**8T-4182**	8	BOLT (M10X1.5X45MM)	

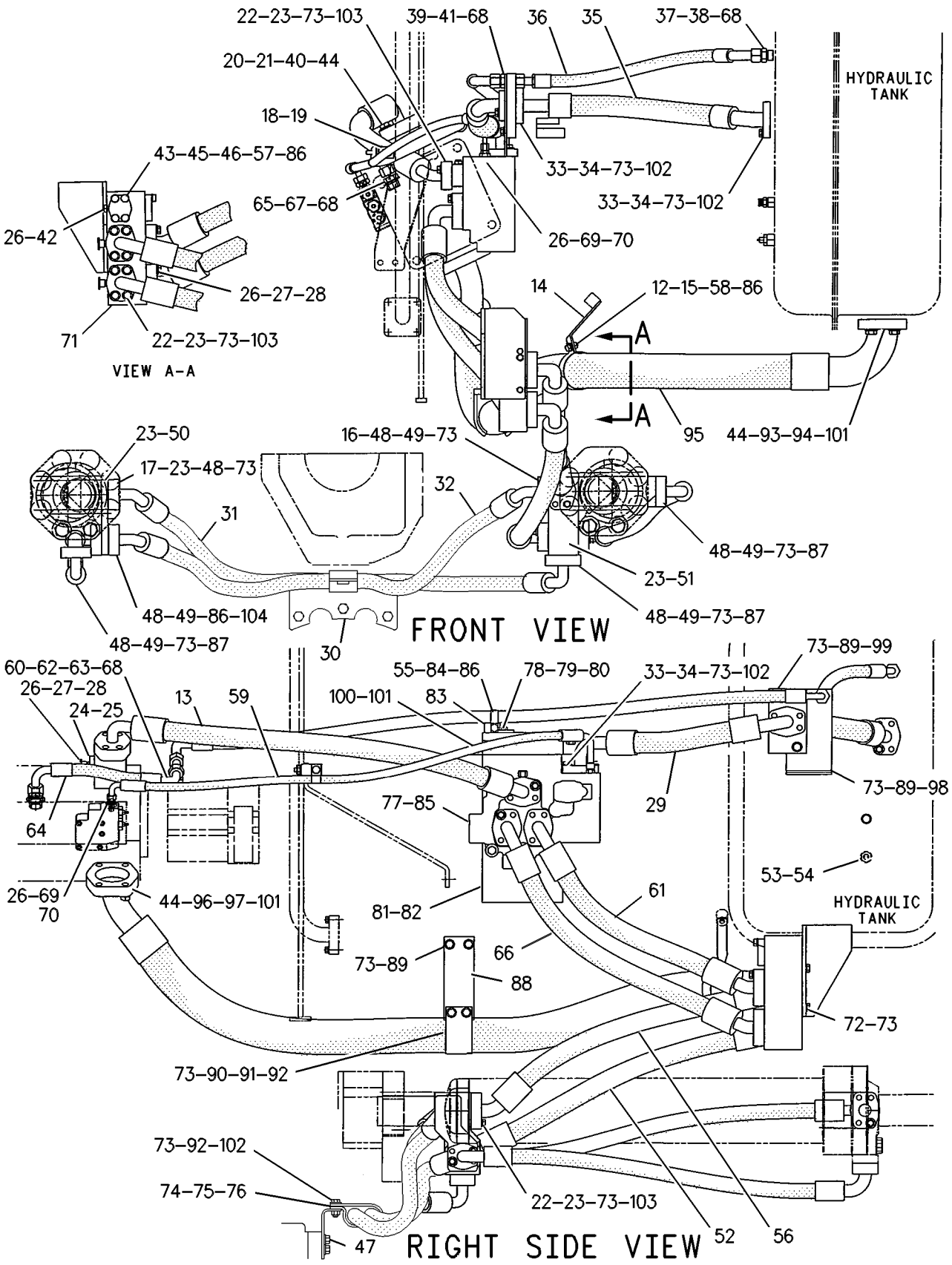
I-SEE HOSE FABRICATION GUIDE
M-METRIC PART
Y-SEPARATE ILLUSTRATION

8R-5668 **LINES GP-STEERING** ***(contd.)*** **i01099385**



GRAPHIC #1 g00121169

8R-5668 **LINES GP-STEERING** *(contd.)* **i01099385**



GRAPHIC #2 g00578220

8R-5678 PUMP & MTG GP-STER & FAN DRIVE

PIN 2KZ294-UP

PART OF 152-9753 HYDRAULIC AR

SMCS-4306 **i01251755**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*109-4195*	1	PUMP GP-PISTON (STEERING & FAN DRIVE)	424
	8T-7568	1	SEAL-O-RING (177.17MM ID)	
M	**9X-8906**	4	BOLT (M20X2.5X50MM)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION

MEMORANDA

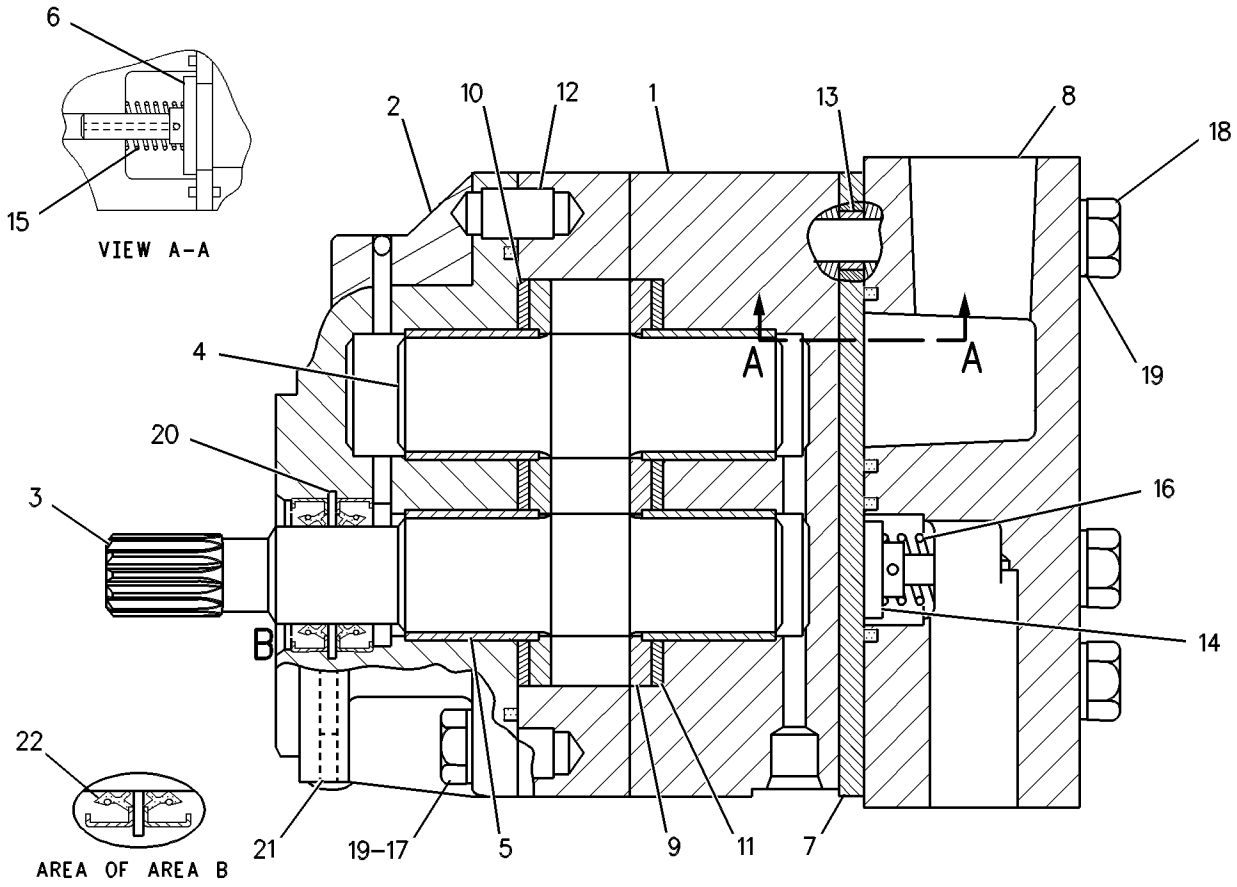
101-4007 PUMP GP-GEAR–SECONDARY STEERING

PIN 2KZ1-UP

PART OF 130-3805 LINES GP-SECONDARY STEERING

SMCS-4268, 4306, 5073 **i00791343**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**107-2885**	1	BODY AS	
	2	1	**107-2894**	1	FLANGE AS	
	3	1	**107-2892**	1	SHAFT-DRIVE	
	4	1	**4T-8761**	1	GEAR-IDLER (8 TEETH)	
	5	1	**4T-9298**	4	BUSHING-TERMINAL	
	6	1	**107-2887**	2	PISTON	
	7	1	**107-2886**	1	SPACER	
	8	1	**107-2890**	1	BODY-VALVE	
	9	1	**077-4639**	2	PLATE-ISOLATION	
	10	1	**077-4643**	2	PLATE-ISOLATION	
	11	1	**107-2884**	2	PLATE-ISOLATION	
	12	1	**6J-2386**	2	DOWEL	
	13	1	**107-2889**	2	SPACER	
	14	1	**107-2891**	2	PISTON	
	15	1	**107-2888**	2	SPRING	
	16	1	**107-2893**	2	SPRING	
	17	1	**0S-1595**	8	BOLT (1/2-13X1.25IN)	
	18	1	**1B-2886**	6	BOLT (1/2-13X3.75IN)	
	19	1	**5P-7213**	14	WASHER-HARD (2MM THK)	
	20	1	**008-3214**	1	RING-RETAINING	
	21	1	**6E-2943**	1	PLUG	
	22	1	**8T-4657**	2	SEAL-LIP (22.22MM ID)	
					AVAILABLE REPAIR KIT(S):	
			107-2895	1	KIT-SEAL	



GRAPHIC #1

g00368937

6E-1542 PUMP GP-PISTON—STEERING

PIN 2KZ1-UP

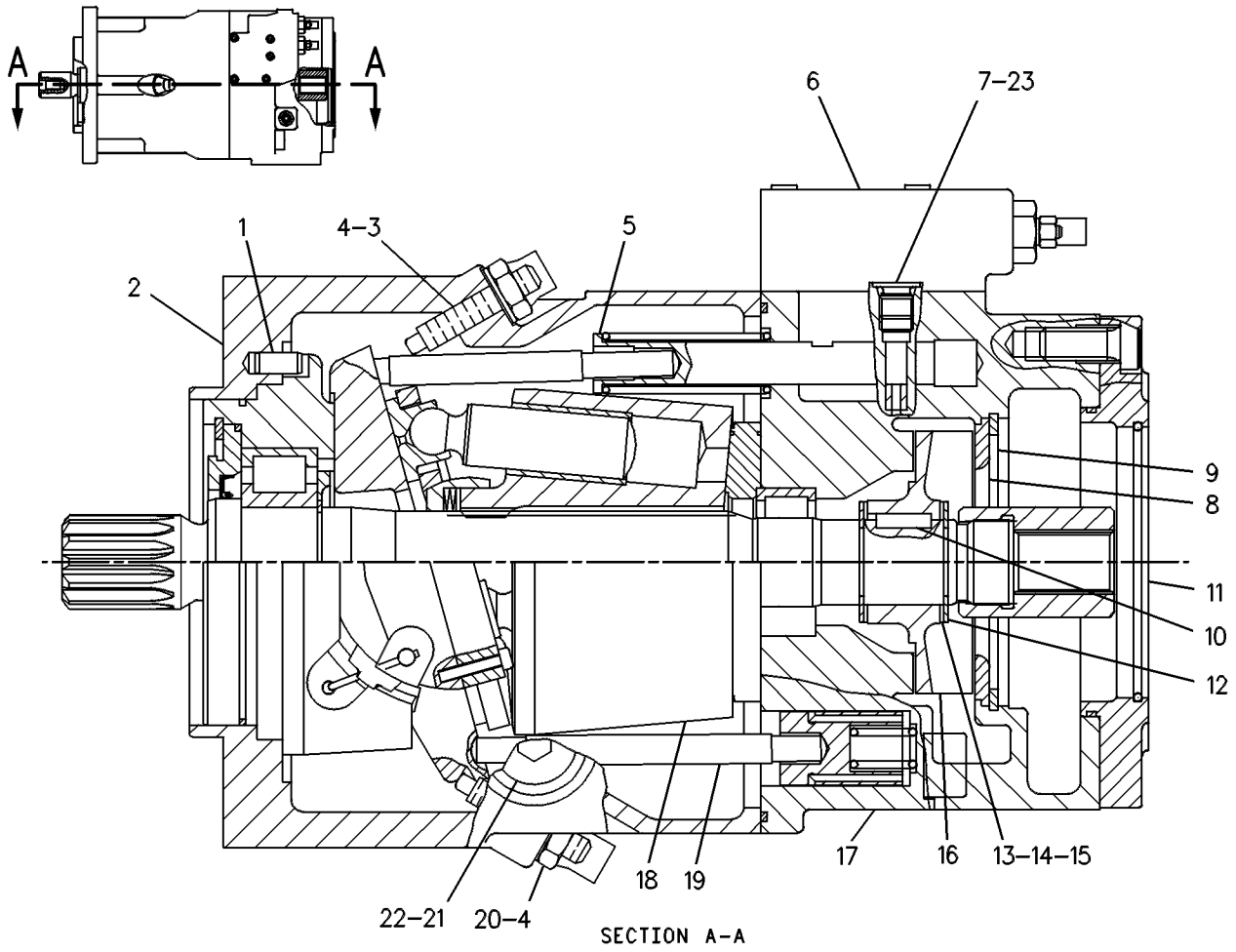
PART OF 109-4195 PUMP GP-PISTON

SMCS-4268, 4306, 5070 **i00638811**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8C-3336**	1	DOWEL	
	2	1	**137-1336**	1	HOUSING	
	3	1	**5I-4338**	1	PIN	
	4	1	**6E-3283**	2	LOCKNUT (M12X1.75MM THD)	
Y	5	1	*111-7327*	1	ACTUATOR GP-PISTON PUMP	399
Y	6	1	**6E-1024**	1	VALVE GP-PRESS & FLOW CMPNSTR	437
	7	1	**9S-8004**	1	PLUG-O-RING (9/16-18 THD)	
	8	1	**6E-1030**	1	SEAL-DISC	
	9	1	**7X-2910**	1	RING-RETAINING	
	10	1	**6E-3333**	1	KEY	
Y	11	1	*111-7331*	1	COUPLING GP-PUMP	404
	12	1	**6V-5201**	2	RING (36.5MM ID)	
B	13	1	**5I-4258**	1	SHIM	
B	14	1	**5I-4259**	1	SHIM	
B	15	1	**5I-4260**	1	SHIM	
	16	1	**113-2654**	1	IMPELLER	
Y	17	1	**111-7330**	1	HEAD GP-PUMP	410
Y	18	1	**111-7329**	1	ROTATING GP-PUMP	430
Y	19	1	*111-7328*	1	ACTUATOR GP-PISTON PUMP	400
M	20	1	**9X-8482**	1	SETSCREW-SOCKET (M12X1.75X70MM)	
	21	1	**9S-9334**	1	PLUG (1 5/16-12 THD)	
	22	1	**7M-8485**	1	SEAL-O-RING (29.74MM ID)	
	23	1	**3J-1907**	1	SEAL-O-RING (11.89MM ID)	

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

6E-1542 PUMP GP-PISTON *(contd.)* i00638811



GRAPHIC #1 g00246376

109-4195 PUMP GP-PISTON—STEERING & FAN DRIVE

PIN 2KZ1-UP

PART OF 8R-5678 PUMP & MTG GP-STER & FAN DRIVE

SMCS-4268, 4306, 5070 **i01250582**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	**6E-1542**	1	PUMP GP-PISTON (STEERING)	422
Y	**109-4197**	1	PUMP GP-PISTON (FAN DRIVE)	426
M	**8T-4779**	2	BOLT (M16X2.0X35MM)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION

MEMORANDA

STEERING SYSTEM

109-4197 PUMP GP-PISTON—FAN DRIVE

PIN 2KZ1-UP

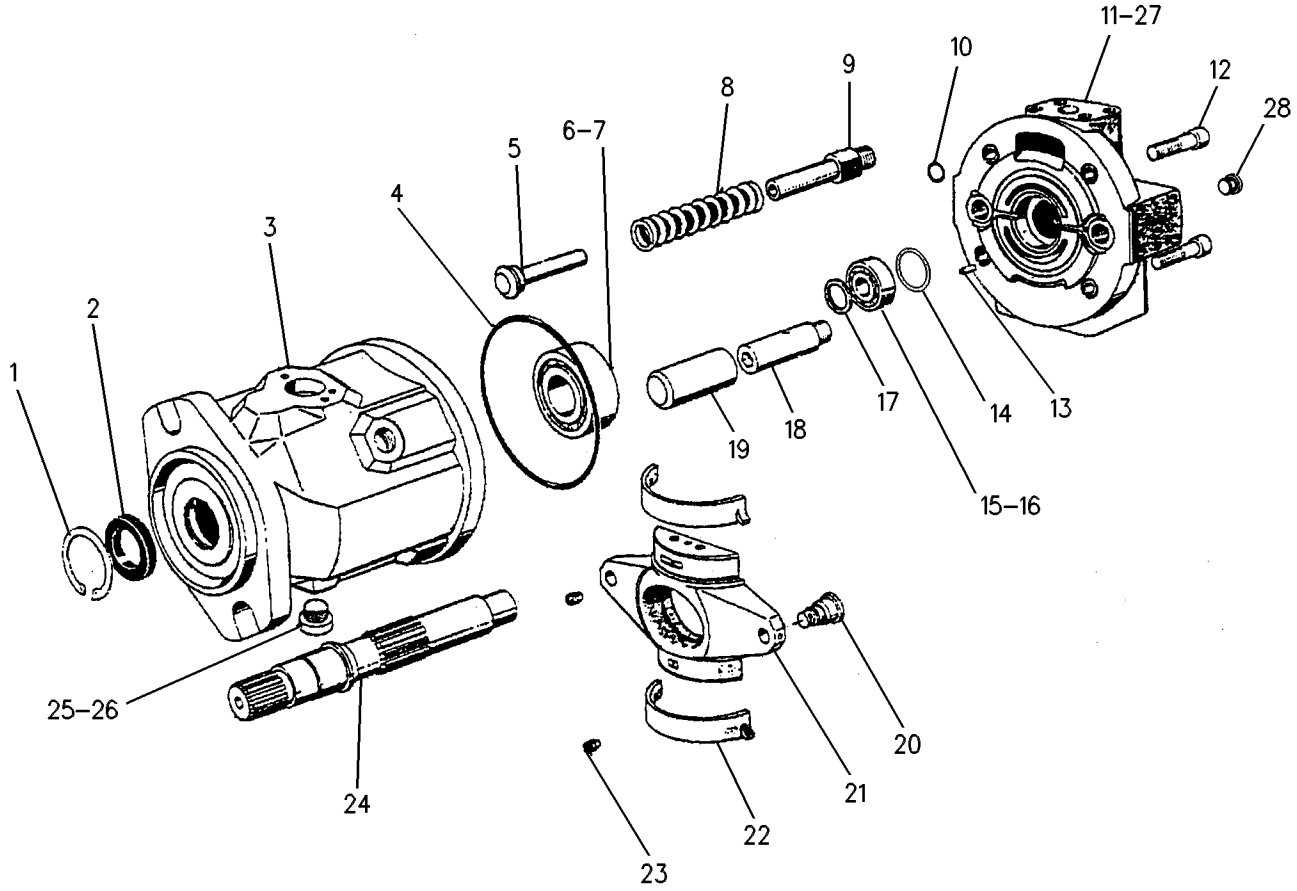
PART OF 109-4195 PUMP GP-PISTON

SMCS-4268, 4306, 5070 **i00174066**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6E-3343**	1	RING	
	2	1	**6E-4004**	1	SEAL-SHAFT	
	3	1	**6E-3995**	1	HOUSING	
	4	1	**3E-6770**	1	SEAL-O-RING	
	5	1	**6E-6174**	1	PLUNGER	
	6	1	**8J-0412**	1	CUP-ROLLER BEARING	
	7	1	**3P-1210**	1	CONE-ROLLER BEARING	
	8	1	**6E-6176**	1	SPRING	
	9	1	**6E-6175**	1	CYLINDER	
	10	1	**3E-6769**	4	SEAL-O-RING	
	11	1	**117-7435**	1	HEAD	
M	12	1	**095-9805**	4	BOLT-SOCKET HEAD	
	13	1	**083-4419**	1	PIN	
	14	1	**6E-3999**	1	SPACER	
	15	1	**1P-6872**	1	CUP-ROLLER BEARING	
	16	1	**8C-7110**	1	CONE-BEARING	
	17	1	**6E-4000**	1	SPACER	
	18	1	**6E-6173**	1	GUIDE	
	19	1	**6E-6172**	1	PISTON	
Z	20	1		2	STOP AS	
	21	1	**6E-6169**	1	SWASHPLATE AS	
	22	1	**6E-4003**	2	BEARING	
	23	1	**101-0508**	2	PLUG-ORIFICE	
	24	1	**105-2143**	1	SHAFT-PUMP	
	25	1	**9S-8006**	1	PLUG-O-RING (7/8-14 THD)	
	26	1	**2M-9780**	1	SEAL-O-RING (19.18MM ID)	
	27	1	**9T-3940**	1	PLUG-BREAK OFF	
	28	1	**105-2146**	2	PLUG	
YF		1	**6E-6160**	1	ROTATING GP-PUMP	428
YF		1	**118-2874**	1	VALVE GP-PRESS & FLOW CMPNSTR	438

F-NOT SHOWN
M-METRIC PART
Y-SEPARATE ILLUSTRATION
Z-NOT SERVICED SEPARATELY

109-4197 PUMP GP-PISTON *(contd.)* i00174066



GRAPHIC #1 g00121239

STEERING SYSTEM

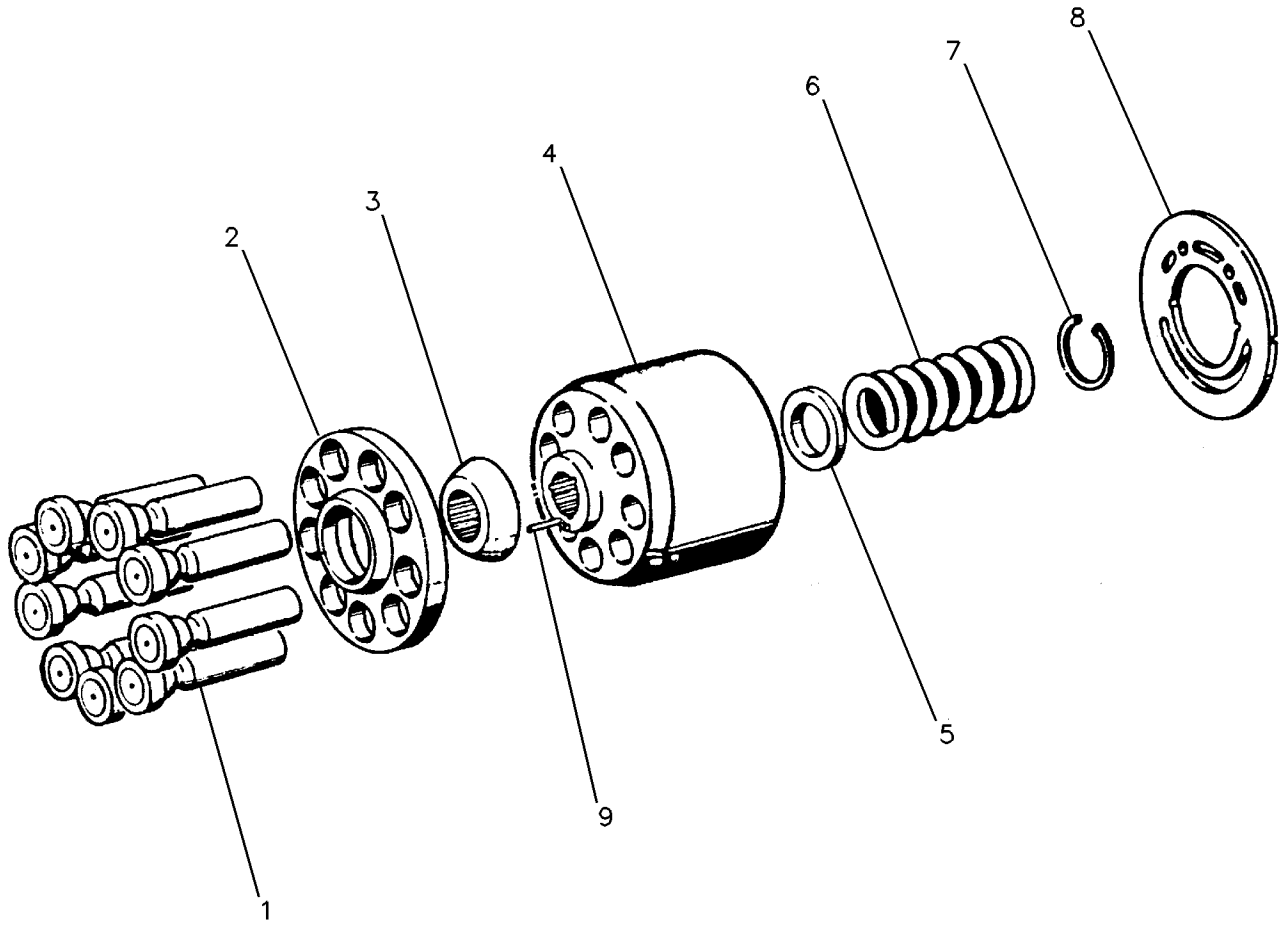
6E-6160 ROTATING GP-PUMP

PIN 2KZ1-UP

PART OF 109-4197 PUMP GP-PISTON

SMCS-5070 **i00174332**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6E-6151**	9	PISTON AS	
	2	1	**6E-6154**	1	PLATE-RETRACTION	
	3	1	**6E-6155**	1	BEARING	
	4	1	**6E-4007**	1	BARREL	
	5	1	**6E-3341**	2	SEAT-SPRING	
	6	1	**6E-4009**	1	SPRING	
	7	1	**6E-6158**	1	RING	
	8	1	**6E-6153**	1	PLATE-PORT	
	9	1	**6E-6157**	3	PIN	



GRAPHIC #1 g00119332

MEMORANDA

111-7329 ROTATING GP-PUMP

PIN 2KZ1-UP

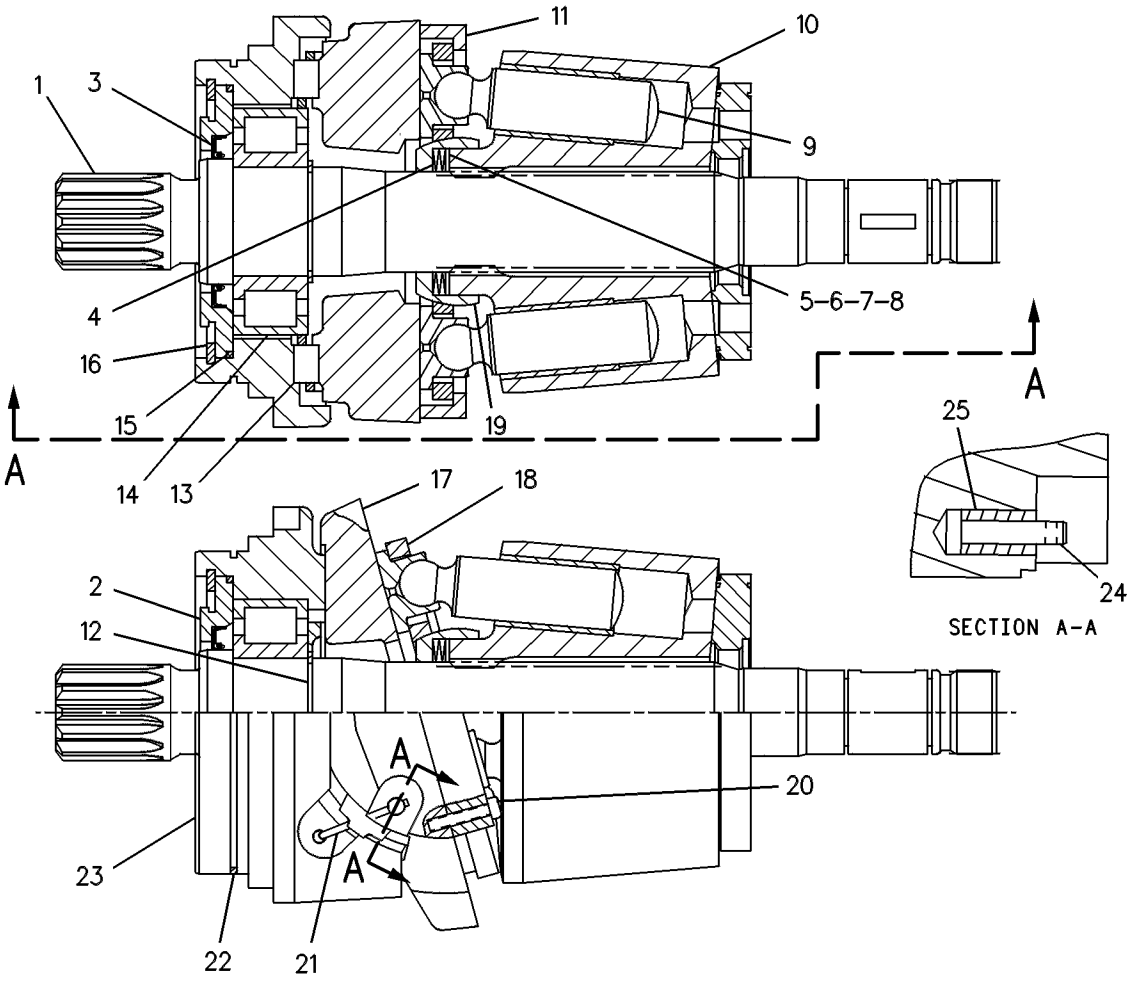
PART OF 6E-1542 PUMP GP-PISTON

SMCS-5070 **i00174075**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**113-2655**	1	SHAFT-DRIVE	
	2	1	**111-8509**	1	COVER	
	3	1	**6E-1693**	1	SEAL-SHAFT	
	4	1	**5I-4263**	1	SPRING SET-CUP	
B	5	1	**5I-4268**	1	SHIM (1.2MM THK)	
B	6	1	**5I-4269**	1	SHIM (1.0MM THK)	
B	7	1	**5I-4270**	1	SHIM (0.8MM THK)	
B	8	1	**5I-4271**	1	SHIM (0.6MM THK)	
	9	1	**111-9914**	1	PISTON AS	
	10	1	**102-0803**	1	BARREL AS	
	11	1	**5I-4274**	2	SEGMENT	
	12	1	**095-0927**	1	RING-RETAINING	
	13	1	**115-1529**	1	BEARING SET	
	14	1	**5I-4275**	2	BEARING-ROLLER	
	15	1	**2J-8163**	1	SEAL-O-RING (117.07MM ID)	
	16	1	**3E-4334**	1	RING-RETAINING	
	17	1	**102-0804**	1	SWASHPLATE	
	18	1	**5I-4272**	1	PLATE-RETAINING	
	19	1	**5I-4273**	1	RETAINER-BALL	
M	20	1	**8T-8442**	4	BOLT-SOCKET HEAD (M6X1X30)	
	21	1	**6E-3840**	2	ROD	
	22	1	**5H-3252**	1	SEAL-O-RING (145.64MM ID)	
	23	1	**113-2657**	1	FLANGE	
	24	1	**6E-1574**	2	PIN	
	25	1	**1G-4312**	2	PIN-SPRING	

B-USE AS REQUIRED
M-METRIC PART

111-7329 ROTATING GP-PUMP *(contd.)* i00174075



GRAPHIC #1 g00120755

STEERING SYSTEM

8R-5680 VALVE & LINES GP-STEERING NEUT

PIN 2KZ1-UP

PART OF 152-9753 HYDRAULIC AR

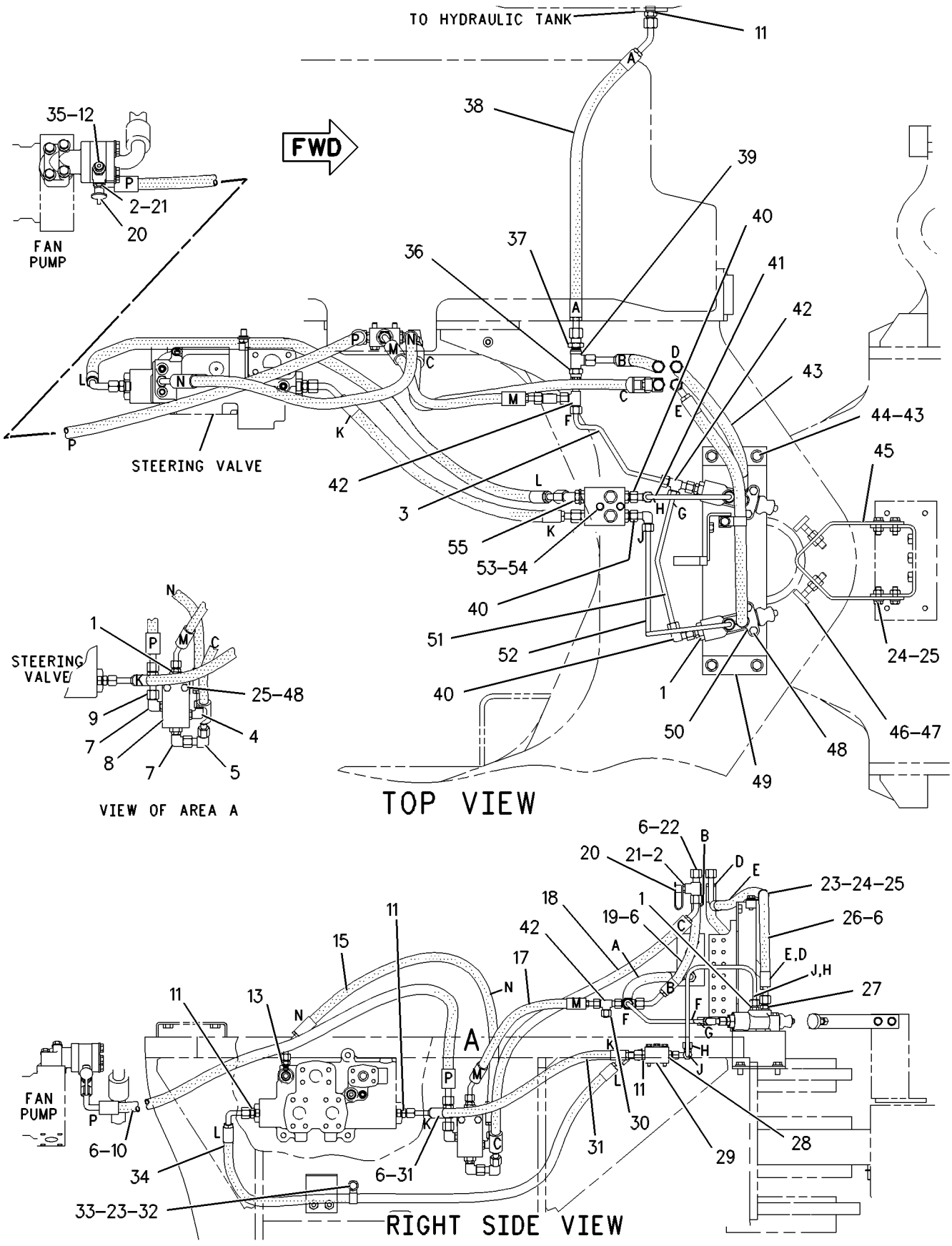
SMCS-4330 **i01253659**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	*148-8336*	5	CONNECTOR AS	
					(EACH INCLUDES)	
		1	**6V-8636**	1	ADAPTER-SEAL (ORFS 11/16-16; PORT 9/16-18)	
		1	**6V-8397**	1	SEAL-O-RING (9.27MM ID)	
		1	**3J-1907**	1	SEAL-O-RING (11.89MM ID)	
	2	1	**3J-1907**	2	SEAL-O-RING (11.89MM ID)	
	3	1	**9U-0368**	1	TUBE AS	
	4	1	*148-8378*	1	ELBOW AS (90 DEGREE)	
		1	**6V-8724**	1	ELBOW (9/16-18 THD)	
		1	**6V-8397**	1	SEAL-O-RING (9.27MM ID)	
		1	**3J-1907**	1	SEAL-O-RING (11.89MM ID)	
	5	1	*148-8370*	1	ELBOW AS	
		1	**6V-9851**	1	ELBOW-90 DEGREE SWIVEL (13/16-16 THD)	
		1	**6V-8398**	1	SEAL-O-RING (12.47MM ID)	
	6	1	**6V-8398**	7	SEAL-O-RING (12.47MM ID)	
	7	1	*148-8365*	2	ELBOW AS	
					(EACH INCLUDES)	
		1	**8T-6876**	1	ELBOW-ORFS (9/16-18 THD)	
		1	**6V-8398**	1	SEAL-O-RING (12.47MM ID)	
		1	**3J-1907**	1	SEAL-O-RING (11.89MM ID)	
Y	8	1	**6E-5566**	1	VALVE GP-SELECTOR & PRESS CONT	444
	9	1	**104-7108**	1	VALVE GP-CHECK (STEERING PILOT)	
I	10	1	**111-0332**	1	HOSE AS	
	11	1	*148-8340*	1	CONNECTOR AS	
		1	**6V-8639**	1	CONNECTOR-SEAL	
		1	**6V-8398**	1	SEAL-O-RING (12.47MM ID)	
		1	**3K-0360**	1	SEAL-O-RING (16.36MM ID)	
	12	1	**3K-0360**	1	SEAL-O-RING (16.36MM ID)	
	13	1	*148-8326*	1	CONNECTOR AS	
		1	**6V-9872**	1	CONNECTOR (7/16-20 THD)	
		1	**6V-8397**	1	SEAL-O-RING (9.27MM ID)	
		1	**3J-7354**	1	SEAL-O-RING (8.92MM ID)	
I	15	1	**111-0330**	1	HOSE AS	
I	17	1	**111-0331**	1	HOSE AS	
I	18	1	**9U-0362**	1	HOSE AS	
I	19	1	**9U-0365**	1	HOSE AS	
	20	1	**6V-0852**	2	CAP-DUST	
	21	1	**6V-3965**	2	FITTING AS	
	22	1	**7X-0871**	1	TEE	
	23	1	**6D-4636**	2	CLIP (23.81MM ID)	
M	24	1	**8T-4195**	5	BOLT (M10X1.50X30MM)	
	25	1	**8T-4121**	7	WASHER-HARD (2.5MM THK)	
I	26	1	**9U-0363**	1	HOSE AS	
	27	1	*150-4043*	2	CONNECTOR AS	
					(EACH INCLUDES)	
		1	**6V-9873**	1	CONNECTOR (ORFS)	
		1	**6V-8398**	1	SEAL-O-RING (12.47MM ID)	
		1	**3J-1907**	1	SEAL-O-RING (11.89MM ID)	
	28	1	*148-8318*	2	CONNECTOR AS	
					(EACH INCLUDES)	
		1	**6V-8634**	1	CONNECTOR-SEAL (ORFS 11/16-16; PORT 9/16-18)	
		1	**6V-8397**	1	SEAL-O-RING (9.27MM ID)	
		1	**3K-0360**	1	SEAL-O-RING (16.36MM ID)	
	29	1	**111-7775**	1	VALVE GP-CHECK (STEERING QUAD)	
	30	1	**6V-9829**	1	CAP AS (11/16-16 THD)	
I	31	1	**9R-2591**	1	HOSE AS	

8R-5680 VALVE & LINES GP-STEERING NEUT *(contd.)* i01253659

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	32	1	**8T-4179**	1	BOLT (M12X1.75X20MM)	
	33	1	**8T-4223**	5	WASHER-HARD (3MM THK)	
I	34	1	**9U-0361**	1	HOSE AS	
	35	1	**8T-6338**	1	TEE-O-RING PORT	
	36	1	*148-8415*	1	REDUCER AS-ORFS	
		1	**6V-8936**	1	REDUCER AS	
		1	**6V-8397**	1	SEAL-O-RING (9.27MM ID)	
	37	1	**6V-9169**	1	NUT-BULKHEAD (13/16-16 THD)	
I	38	1	**9U-0366**	1	HOSE AS	
	39	1	*148-8427*	1	TEE AS-ORFS	
		1	**8T-6895**	1	TEE-UNION ORIFICE	
		1	**6V-8398**	3	SEAL-O-RING (12.47MM ID)	
	40	1	*148-8367*	3	ELBOW AS	
					(EACH INCLUDES)	
		1	**6V-9850**	1	ELBOW-SWIVEL (11/16-16 THD)	
		1	**6V-8397**	1	SEAL-O-RING (9.27MM ID)	
	41	1	**9U-0370**	1	TUBE AS	
	42	1	*148-8433*	3	TEE AS-ORFS (1 1/16-12 THD)	
					(EACH INCLUDES)	
		1	**6V-9836**	1	TEE-SWIVEL	
		1	**6V-8397**	2	SEAL-O-RING (9.27MM ID)	
I	43	1	**9U-0364**	1	HOSE AS	
M	44	1	**8T-4192**	4	BOLT (M12X1.75X25MM)	
	45	1	**9U-0357**	1	PLATE AS	
M		1	**8T-3597**	1	NUT-WELD (M12X1.75 THD)	
	46	1	**8X-3467**	2	STUD AS	
					(EACH INCLUDES)	
		1	**2H-2722**	1	LUG	
M	47	1	**8T-4244**	2	NUT (M12X1.75 THD)	
M	48	1	**8T-6466**	6	BOLT (M10X1.50X60MM)	
	49	1	**9U-0354**	1	BRACKET AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5 THD)	
Y	50	1	**9T-7426**	2	VALVE GP-STEERING NEUTRALIZER	462
	51	1	**9U-0367**	1	TUBE AS	
	52	1	**9U-0369**	1	TUBE AS	
M	53	1	**8T-6869**	2	BOLT (M8X1.25X60MM)	
	54	1	**8T-4224**	2	WASHER-HARD (8.8X16X2MM THK)	
	55	1	*148-8354*	1	ELBOW AS	
		1	**6V-9002**	1	ELBOW-45 DEGREE (3/4-16 THD)	
		1	**6V-8398**	1	SEAL-O-RING (12.47MM ID)	
		1	**3K-0360**	1	SEAL-O-RING (16.36MM ID)	

I-SEE HOSE FABRICATION GUIDE
M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00611236

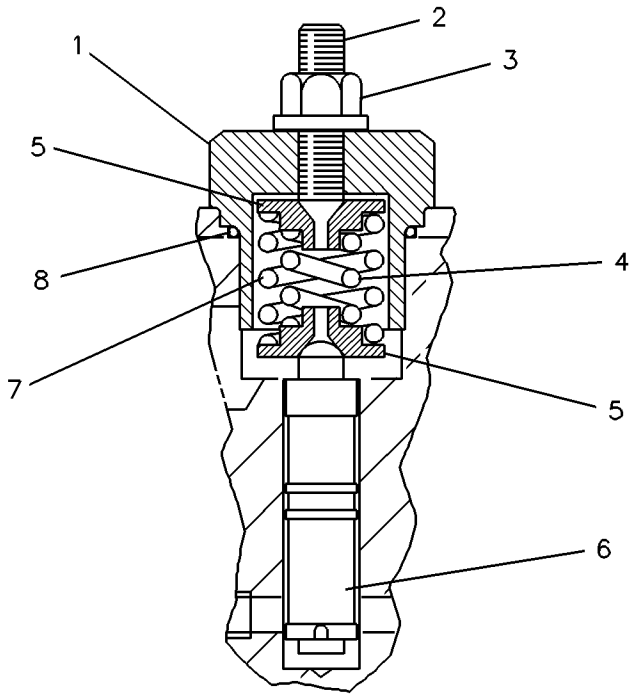
6E-3850 VALVE GP-FLOW COMPENSATOR

PIN 2KZ1-UP

PART OF 6E-1024 VALVE GP-PRESS & FLOW CMPNSTR

SMCS-4337, 5086 **i00103595**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6E-5582**	1	PLUG	
	2	1	**6E-5583**	1	SETSCREW	
	3	1	**6E-1607**	1	LOCKNUT-SEALING	
	4	1	**6E-3855**	1	SPRING	
	5	1	**6E-3852**	2	RETAINER-SPRING	
	6	1	**6E-3851**	1	PISTON	
	7	1	**6E-3854**	1	SPRING	
	8	1	**7L-9061**	1	SEAL-O-RING (18.72MM ID)	



GRAPHIC #1 g00082862

143-2855 VALVE GP-PILOT–STEERING

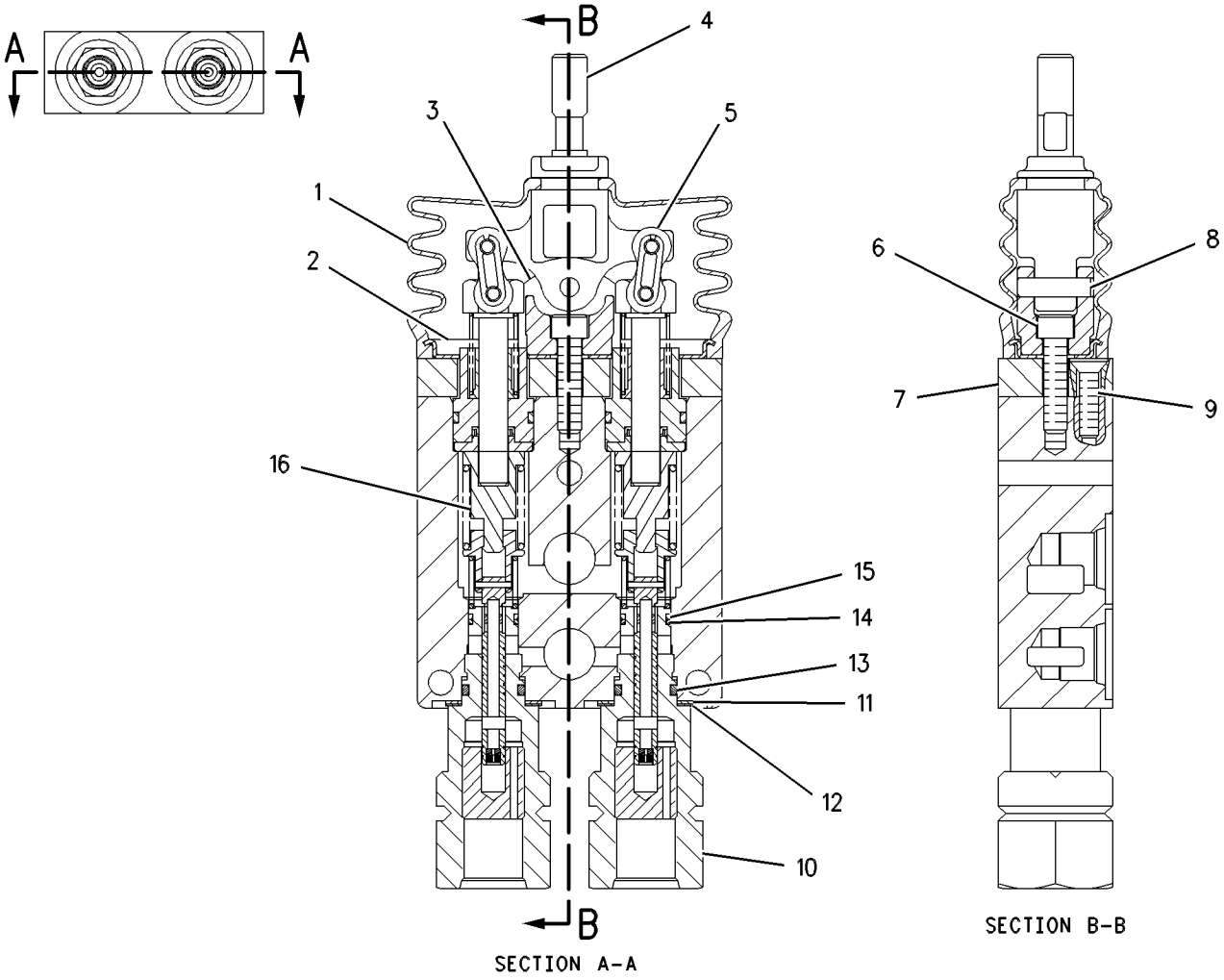
PIN 2KZ1-UP

PART OF 130-1830 CONTROL GP-STEERING

SMCS-4342 **i01185415**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**104-4272**	1	BOOT	
	2	1	**104-4273**	1	CLAMP-BOOT	
	3	1	**104-4256**	1	BRACKET	
	4	1	**104-4255**	1	HANDLE	
	5	1	**104-4270**	2	LINK-CONNECTING	
	6	1	**9F-6641**	1	BOLT	
	7	1	**104-4274**	1	SPACER	
	8	1	**104-4271**	1	DOWEL	
	9	1	**8M-6802**	2	SCREW-HEX SOCKET	
	10	1	**147-1238**	2	VALVE GP-PILOT CARTRIDGE	
					(EACH INCLUDES)	
B	11	1	**103-6319**	2	SHIM	
B	12	1	**103-6318**	2	SHIM	
	13	1	**095-1519**	2	SEAL-O-RING (15.80MM ID)	
	14	1	**6V-5758**	2	SEAL-O-RING (12.42MM ID)	
	15	1	**6E-0770**	2	RING-BACKUP	
	16	1	**147-1237**	2	VALVE GP-PILOT CARTRIDGE	

B-USE AS REQUIRED



GRAPHIC #1 g00376452

6E-1024 VALVE GP-PRESS & FLOW CMPNSTR

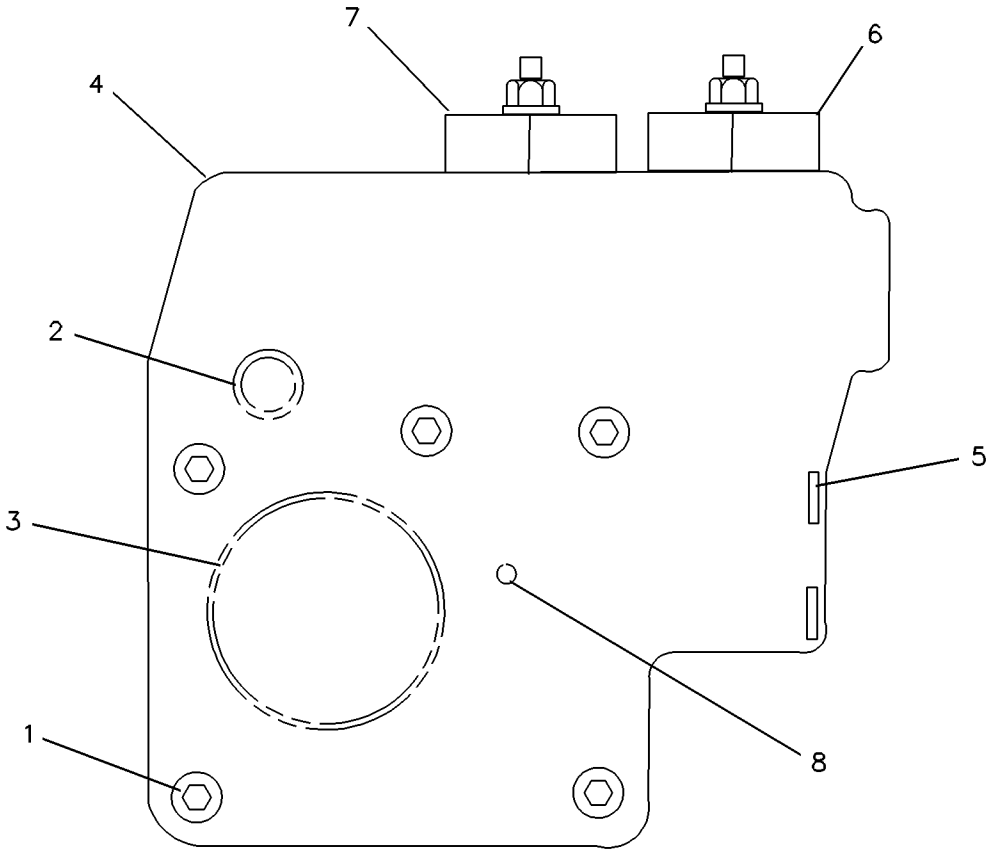
PIN 2KZ1-UP

PART OF 6E-1542 PUMP GP-PISTON

SMCS-4337, 5086 **i00103562**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**6V-5195**	5	BOLT-SOCKET HEAD (M8X1.25X50 MM)	
	2	1	**9X-7676**	3	SEAL-O-RING	
	3	1	**005-8593**	1	SEAL-O-RING (52.07MM ID)	
	4	1	**6E-3856**	1	HOUSING	
	5	1	**9T-3940**	5	PLUG-BREAK OFF	
Y	6	1	**6E-3850**	1	VALVE GP-FLOW COMPENSATOR	435
Y	7	1	**6E-3857**	1	VALVE GP-PRESSURE COMPENSATOR	440
	8	1	**7X-0794**	2	PIN	

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00082760

STEERING SYSTEM

118-2874 VALVE GP-PRESS & FLOW CMPNSTR

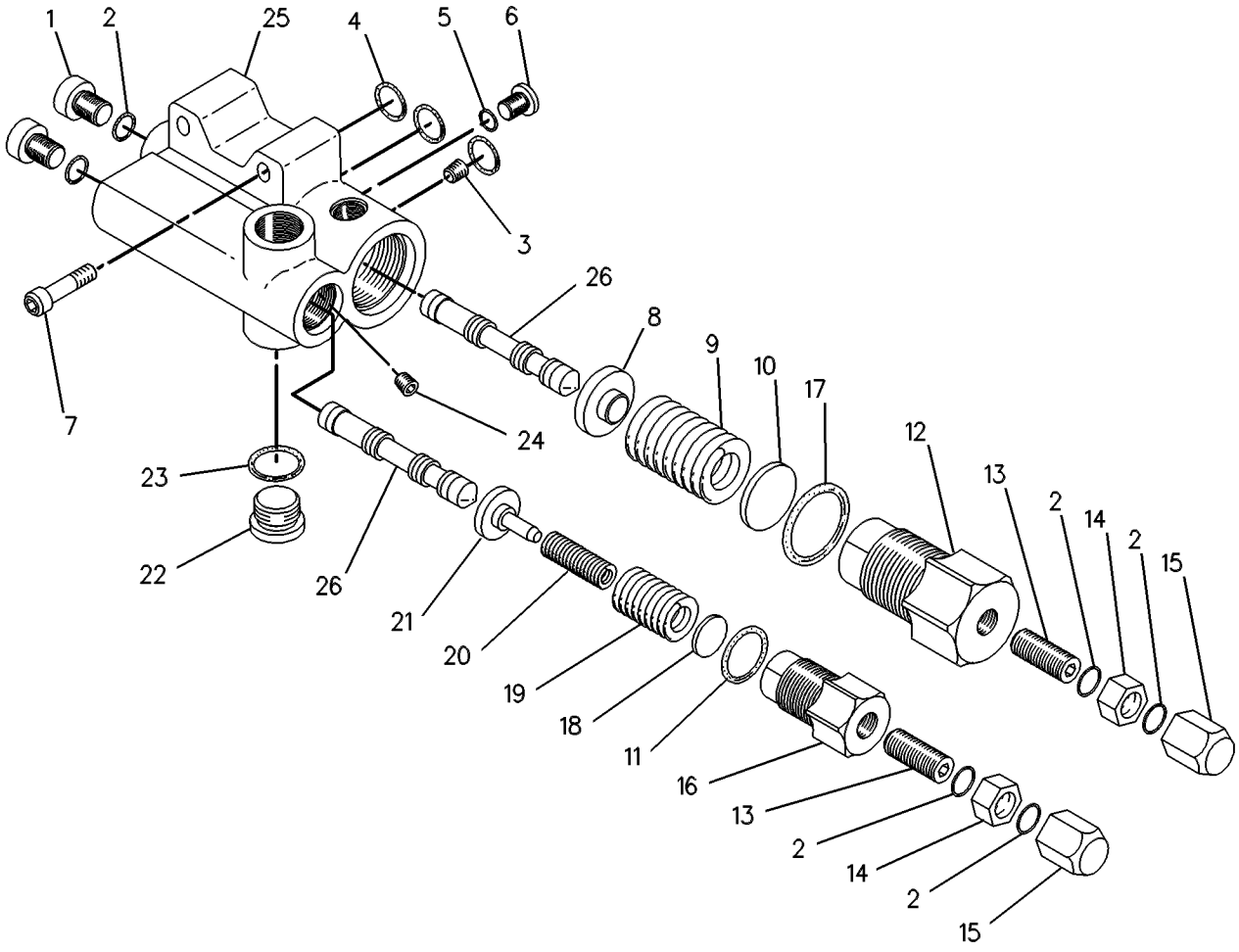
PIN 2KZ1-UP

PART OF 109-4197 PUMP GP-PISTON

SMCS-4337, 5086 **i00173986**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6E-6527**	2	PLUG	
	2	1	**6E-6528**	6	SEAL	
	3	1	**119-0959**	1	PLUG-ORIFICE	
	4	1	**9X-7680**	3	SEAL-O-RING	
	5	1	**5P-9262**	1	SEAL (3.99MM ID)	
	6	1	**105-2145**	1	VALVE-ORIFICE	
M	7	1	**8T-8442**	4	BOLT-SOCKET HEAD (M6X1X30)	
	8	1	**6E-3269**	1	RETAINER-SPRING	
	9	1	**6E-3276**	1	SPRING	
	10	1	**6E-3273**	1	SEAT	
	11	1	**033-6043**	1	SEAL-O-RING (14MM ID)	
	12	1	**6E-6536**	1	PLUG	
	13	1	**6E-6537**	2	SCREW-ADJUSTMENT	
	14	1	**6E-6538**	2	NUT-ADJUSTMENT	
	15	1	**6E-6539**	2	NUT-CAP	
	16	1	**6E-6540**	1	PLUG-HEX	
	17	1	**033-6034**	1	SEAL-O-RING	
	18	1	**6E-3272**	1	SEAT	
	19	1	**6E-3274**	1	SPRING	
	20	1	**6E-3275**	1	SPRING	
	21	1	**6E-3268**	1	RETAINER-SPRING	
	22	1	**9S-8002**	1	PLUG-O-RING (7/16-20 THD)	
	23	1	**3J-7354**	1	SEAL-O-RING (8.92MM ID)	
	24	1	**6E-6545**	1	PLUG	
Z	25	1		1	BODY	
Z	26	1		2	STEM	

M-METRIC PART
Z-NOT SERVICED SEPARATELY



GRAPHIC #1 g00120735

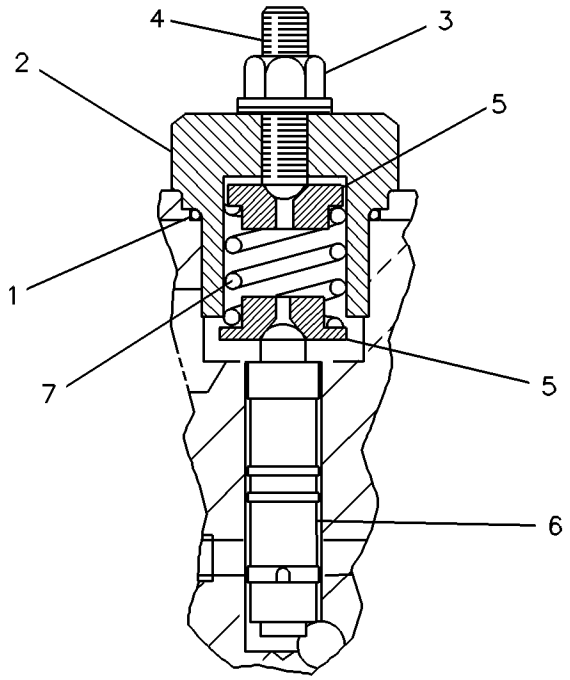
6E-3857 VALVE GP-PRESSURE COMPENSATOR

PIN 2KZ1-UP

PART OF 6E-1024 VALVE GP-PRESS & FLOW CMPNSTR

SMCS-5086 **i00103598**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7L-9061**	1	SEAL-O-RING (18.72MM ID)	
	2	1	**6E-5582**	1	PLUG	
	3	1	**6E-1607**	1	LOCKNUT-SEALING	
	4	1	**6E-5583**	1	SETSCREW	
	5	1	**6E-3861**	2	RETAINER-SPRING	
	6	1	**6E-3859**	1	PISTON	
	7	1	**6E-3858**	1	SPRING	



GRAPHIC #1 g00082870

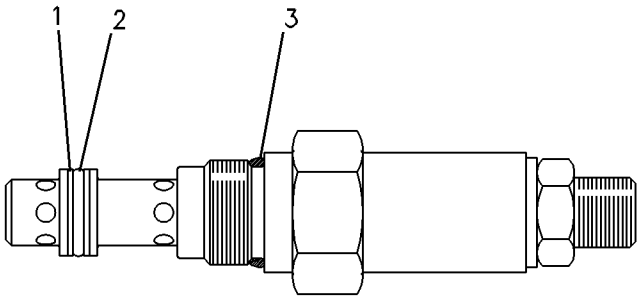
6E-3986 VALVE GP-RELIEF–SECONDARY STEERING

PIN 2KZ1-UP

PART OF 6E-2923 VALVE GP-STEERING

SMCS-4322, 5069, 7428 **i00174407**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7X-4776**	2	RING-BACKUP	
	2	1	**8C-3097**	1	SEAL-O-RING (13.1MM ID)	
	3	1	**3K-0360**	1	SEAL-O-RING (16.36MM ID)	
					AVAILABLE REPAIR KIT(S):	
			6E-4753	1	KIT-SEAL	



GRAPHIC #1 g00119845

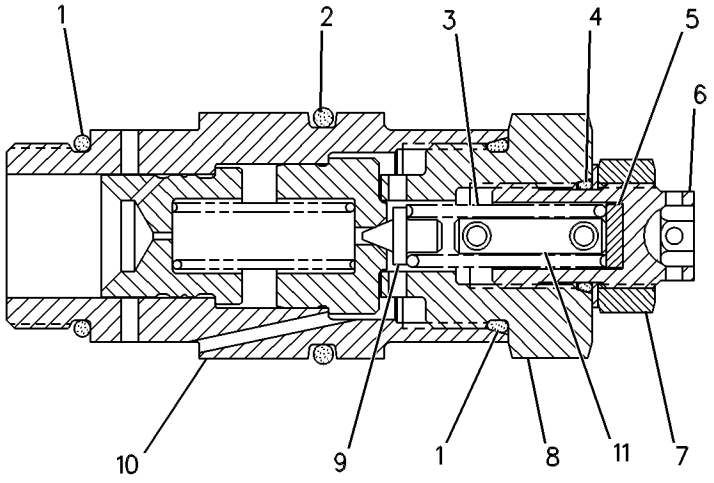
100-4335 VALVE GP-RELIEF–PUMP BACKUP

PIN 2KZ1-UP

PART OF 6E-2923, 6E-2925 VALVE GP-STEERING

SMCS-4322, 5069, 7428 **i01230224**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7M-8485**	2	SEAL-O-RING (29.74MM ID)	
	2	1	**4J-0522**	1	SEAL-O-RING (37.69MM ID)	
	3	1	**4T-2770**	1	SPRING	
	4	1	**3K-0360**	1	SEAL-O-RING (16.36MM ID)	
	5	1	**4Y-5812**	1	PLATE	
	6	1	**6E-5510**	1	RETAINER AS	
	7	1	**9X-6395**	1	NUT-ORFS (3/4-16 THD)	
	8	1	**6E-1127**	1	CAP	
	9	1	**8J-0331**	1	VALVE	
	10	1	**6E-6138**	1	VALVE GP-RELIEF	
		1	**8H-3532**	1	SPRING-VALVE	
	11	1	**7B-5684**	1	PIN	



GRAPHIC #1 g00121100

6E-3078 VALVE GP-SELECTOR & PRESS CONT

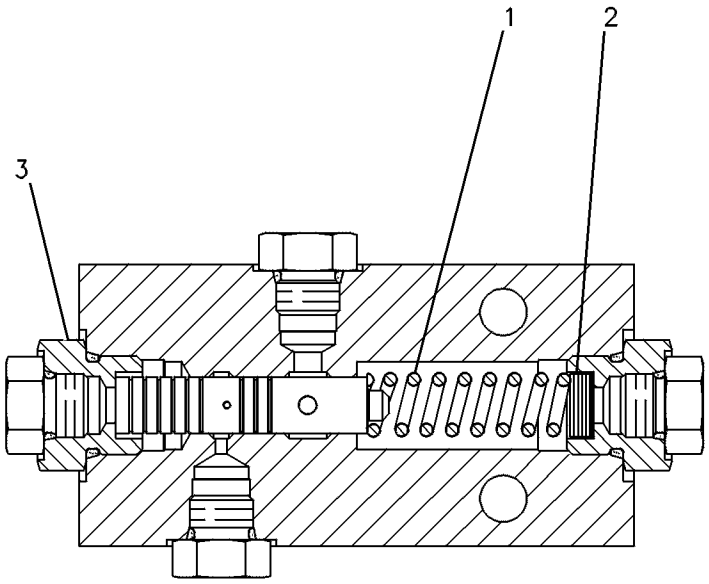
PIN 2KZ1-UP

PART OF 130-3805 LINES GP-SECONDARY STEERING

SMCS-4349 **i00096268**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7S-8553**	1	SPRING	
B	2	1	**5S-7001**	2	SPACER (.91MM THK)	
		1	**5S-7018**	3	SPACER (.25MM THK)	
	3	1	**6V-2606**	2	ADAPTER-STRAIGHT THREAD	
		1	**2M-9780**	2	SEAL-O-RING (19.18MM ID)	

B-USE AS REQUIRED



GRAPHIC #1 g00085052

6E-5566 VALVE GP-SELECTOR & PRESS CONT

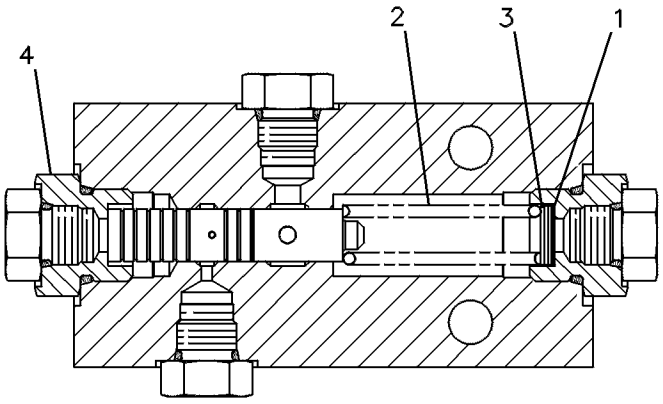
PIN 2KZ1-UP

PART OF 8R-5680 VALVE & LINES GP-STEERING NEUT

SMCS-4349 **i00174255**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
B	1	1	**5S-7018**	3	SPACER (.25MM THK)	
	2	1	**7S-8553**	1	SPRING	
B	3	1	**5S-7001**	3	SPACER (.91MM THK)	
	4	1	**6V-2606**	2	ADAPTER-STRAIGHT THREAD	
		1	**2M-9780**	2	SEAL-O-RING (19.18MM ID)	

B-USE AS REQUIRED



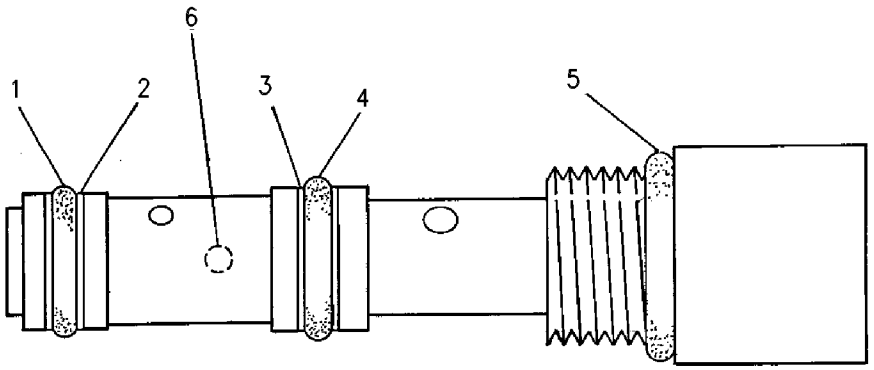
GRAPHIC #1 g00120846

4T-1860 VALVE GP-SHUTTLE

PIN 2KZ1-UP
RESOLVER
PART OF 6E-2923, 6E-2925 VALVE GP-STEERING

SMCS-5079 **i01020825**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6V-5586**	1	SEAL-O-RING (6.07MM ID)	
	2	1	**4T-5070**	2	RING-BACKUP	
	3	1	**4T-5071**	2	RING-BACKUP	
	4	1	**8C-3085**	1	SEAL-O-RING (7.65MM ID)	
	5	1	**3J-1907**	1	SEAL-O-RING (11.89MM ID)	
	6	1	**1M-6718**	1	BALL	



GRAPHIC #1 g00523857

6E-2923 VALVE GP-STEERING

PIN 2KZ1-UP

PART OF 130-3805 LINES GP-SECONDARY STEERING

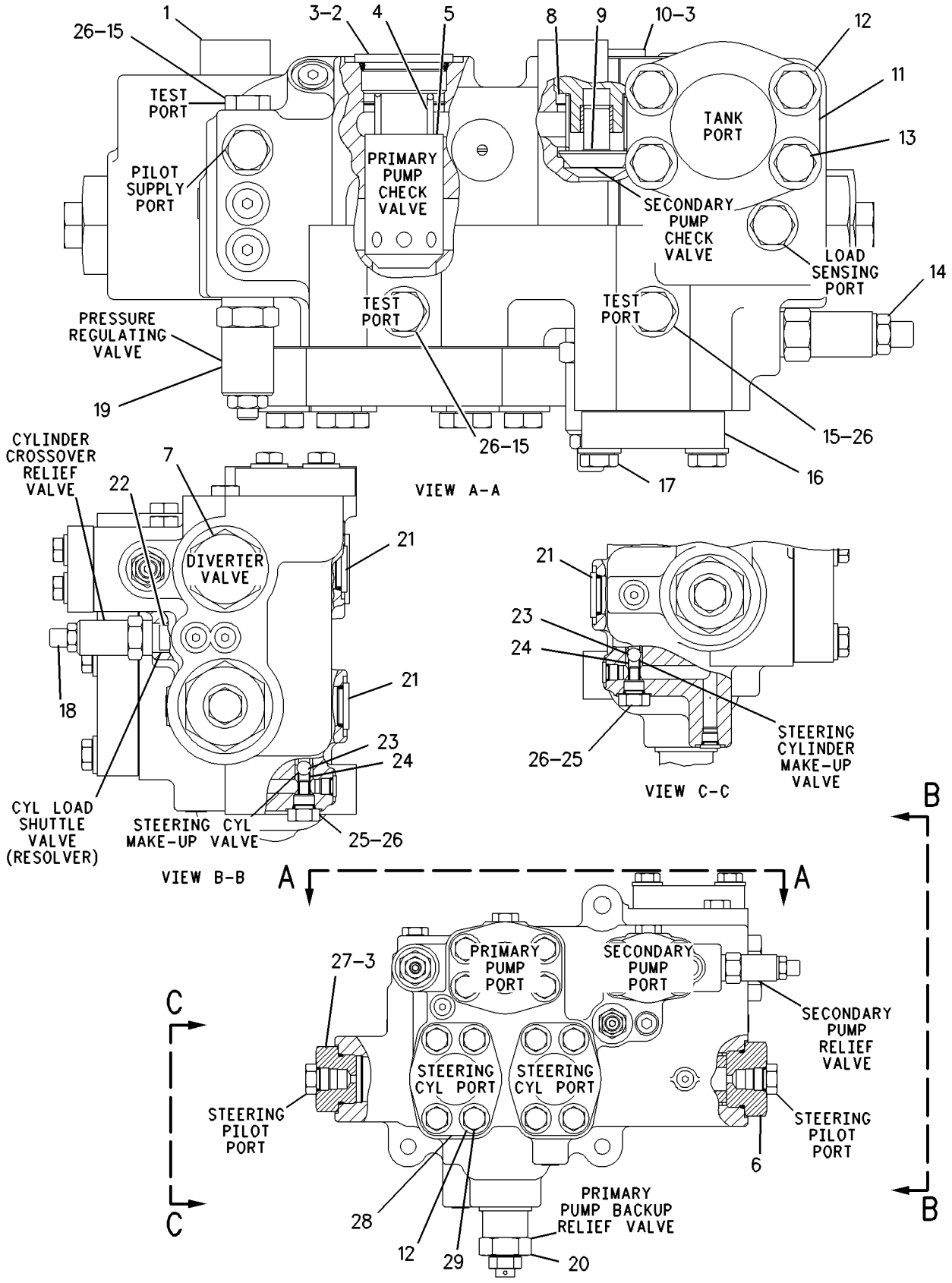
TYPE 1

SMCS-4307 **i01248850**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	*6E-2924*	1	VALVE GP-STEERING	450
	2	1	**9S-8010**	1	PLUG-O-RING (1 5/8-12 THD)	
	3	1	**2S-4078**	3	SEAL-O-RING (37.46MM ID)	
	4	1	**5J-3419**	1	SPRING	
	5	1	**6E-3780**	1	VALVE (PRIMARY STEERING PUMP CHECK)	
	6	1	**6E-4514**	1	ADAPTER-O-RING	
		1	**6K-6307**	1	SEAL-O-RING (43.69MM ID)	
	7	1	**2U-7345**	1	VALVE-DIVERTER (SECONDARY STEERING)	
		1	**2U-7354**	1	KIT-SEAL	
	8	1	**7S-8491**	1	SPRING	
	9	1	**7J-7423**	1	VALVE (SECONDARY STEERING PUMP CHECK)	
	10	1	**1U-0323**	1	PLUG AS	
		1	**1U-0322**	1	BEARING-SLEEVE	
		1	**3G-2683**	1	PLUG (1 5/8-12 THD)	
	11	1	**1P-4579**	2	FLANGE-HALF	
	12	1	**5P-8245**	16	WASHER-HARD (3MM THK)	
M	13	1	**6V-8197**	4	BOLT (M12X1.75X40MM)	
Y	14	1	**6E-3986**	1	VALVE GP-RELIEF (SECONDARY STEERING)	441
	15	1	**9S-4191**	3	PLUG-O-RING (9/16-18 THD)	
	16	1	**8C-3206**	2	FLANGE-HALF	
	17	1	**6V-5839**	4	WASHER (2.5MM THK)	
M		1	**6V-3822**	4	BOLT (M10X1.5X35MM)	
	18	1	**6E-3985**	1	VALVE GP-RELIEF (STEERING CYLINDER CROSSOVER)	
		1	**6E-4288**	1	KIT-SEAL	
	19	1	**6E-4286**	1	VALVE GP-PRESSURE REDUCING	
		1	**6E-4287**	1	KIT-SEAL	
Y	20	1	**100-4335**	1	VALVE GP-RELIEF (PUMP BACKUP)	442
	21	1	**9S-8008**	3	PLUG-O-RING (1 1/16-12 THD)	
		1	**3D-2824**	3	SEAL-O-RING (23.47MM ID)	
Y	22	1	**4T-1860**	1	VALVE GP-SHUTTLE (RESOLVER)	445
	23	1	**4B-9782**	2	BALL (9.52MM DIA)	
	24	1	**2S-2596**	2	SPRING (8.4MM OD)	
	25	1	**6E-3779**	2	PLUG AS	
					(EACH INCLUDES)	
		1	**7J-1089**	1	PLUG-O-RING	
		1	**7M-5130**	1	PIN (6.35MM DIA)	
	26	1	**3J-1907**	5	SEAL-O-RING (11.89MM ID)	
	27	1	**6E-4513**	1	ADAPTER-O-RING	
	28	1	**1P-5767**	6	FLANGE-HALF	
M	29	1	**6V-7673**	12	BOLT (M12X1.75X50MM)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION

6E-2923 VALVE GP-STEERING *(contd.)* i01248850



GRAPHIC #1 g00665727

STEERING SYSTEM

6E-2923 VALVE GP-STEERING

PIN 2KZ1-UP

PART OF 130-3805 LINES GP-SECONDARY STEERING

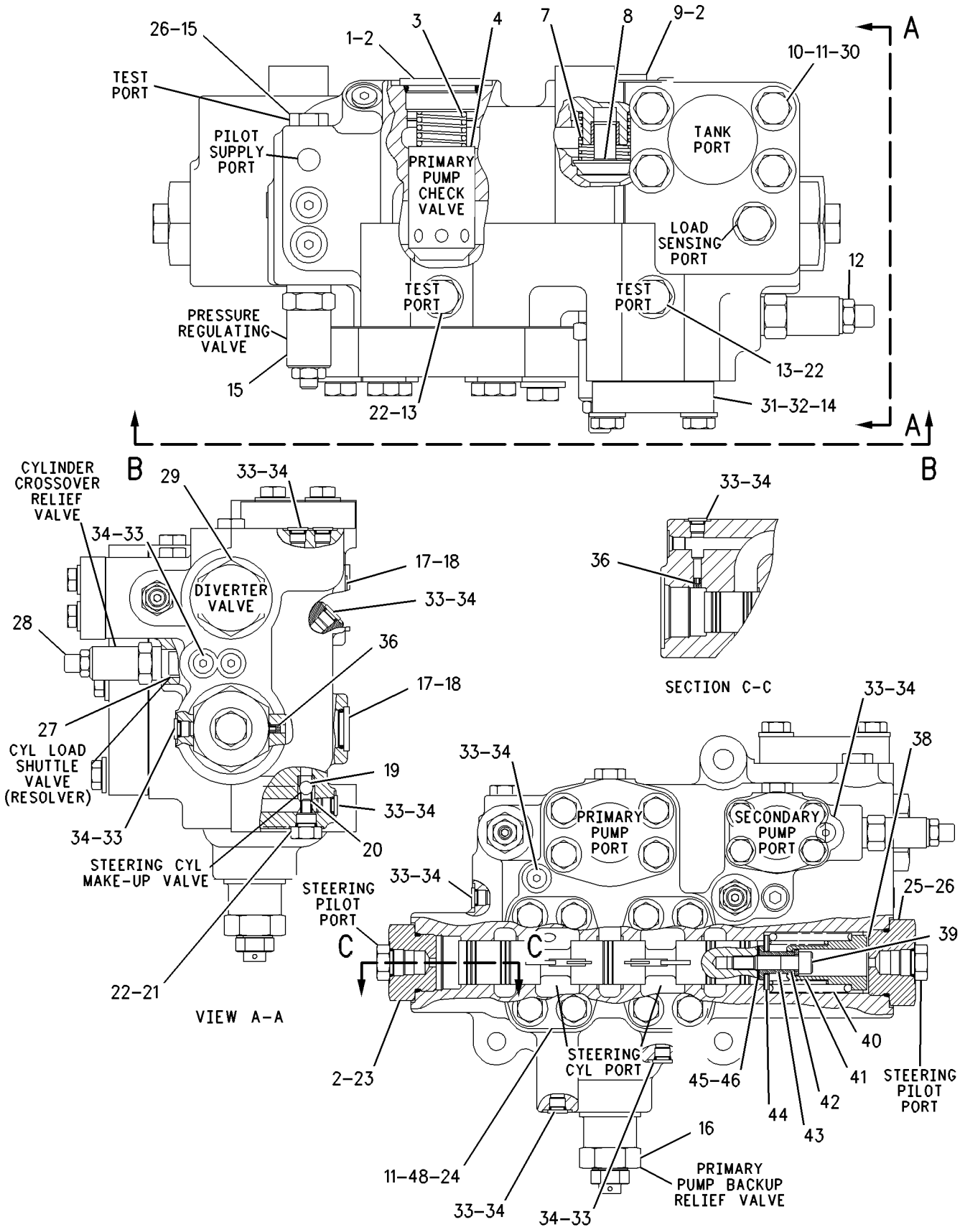
TYPE 2

SMCS-4307 **i01250214**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9S-8010**	1	PLUG-O-RING (1 5/8-12 THD)	
	2	1	**2S-4078**	3	SEAL-O-RING (37.46MM ID)	
	3	1	**5J-3419**	1	SPRING	
	4	1	**6E-3780**	1	VALVE (PRIMARY STEERING PUMP CHECK)	
	7	1	**7S-8491**	1	SPRING	
	8	1	**7J-7423**	1	VALVE (SECONDARY STEERING PUMP CHECK)	
	9	1	**1U-0323**	1	PLUG AS	
		1	**1U-0322**	1	BEARING-SLEEVE	
		1	**3G-2683**	1	PLUG (1 5/8-12 THD)	
	10	1	**1P-4579**	2	FLANGE-HALF	
C	11	1	**8T-4223**	16	WASHER-HARD (3MM THK)	
Y	12	1	**6E-3986**	1	VALVE GP-RELIEF (SECONDARY STEERING)	441
	13	1	**9S-4191**	3	PLUG-O-RING (9/16-18 THD)	
	14	1	**8C-3206**	2	FLANGE-HALF	
	15	1	**6E-4286**	1	VALVE GP-PRESSURE REDUCING	
		1	**6E-4287**	1	KIT-SEAL	
Y	16	1	**100-4335**	1	VALVE GP-RELIEF (PUMP BACKUP)	442
	17	1	**9S-8008**	3	PLUG-O-RING (1 1/16-12 THD)	
	18	1	**3D-2824**	3	SEAL-O-RING (23.47MM ID)	
	19	1	**4B-9782**	2	BALL (9.52MM DIA)	
	20	1	**2S-2596**	2	SPRING (8.4MM OD)	
	21	1	**6E-3779**	2	PLUG AS	
					(EACH INCLUDES)	
		1	**7J-1089**	1	PLUG-O-RING	
		1	**7M-5130**	1	PIN (6.35MM DIA)	
	22	1	**3J-1907**	5	SEAL-O-RING (11.89MM ID)	
	23	1	**6E-4513**	1	ADAPTER-O-RING	
	24	1	**1P-5767**	6	FLANGE-HALF	
	25	1	**6E-4514**	1	ADAPTER-O-RING	
	26	1	**6K-6307**	1	SEAL-O-RING (43.69MM ID)	
Y	27	1	**4T-1860**	1	VALVE GP-SHUTTLE (RESOLVER)	445
	28	1	**6E-3985**	1	VALVE GP-RELIEF (STEERING CYLINDER CROSSOVER)	
		1	**6E-4288**	1	KIT-SEAL	
	29	1	**2U-7345**	1	VALVE-DIVERTER (SECONDARY STEERING)	
		1	**2U-7354**	1	KIT-SEAL	
CM	30	1	**8T-4183**	4	BOLT (M12X1.75X40 MM)	
CM	31	1	**8T-4196**	4	BOLT (M10X1.50X35MM)	
C	32	1	**8T-4121**	4	WASHER-HARD (2.5MM THK)	
C	33	1	**9S-8002**	18	PLUG-O-RING (7/16-20 THD)	
C	34	1	**3J-7354**	18	SEAL-O-RING (8.92MM ID)	
C	36	1	**4T-4207**	2	PLUG-ORIFICE (1/16-27 THD)	
C	38	1	**6E-3775**	1	RETAINER	
CM	39	1	**8T-2223**	1	BOLT-SOCKET HEAD (M10X1.5X45MM)	
C	40	1	**6E-4500**	1	SPRING	
C	41	1	**6E-4499**	1	SPRING	
C	42	1	**3K-6113**	1	WASHER-HARD (3MM THK)	
C	43	1	**4J-8634**	1	RETAINER-SPRING	
C	44	1	**7J-2927**	1	WASHER (0.156 MM THK)	
BC	45	1	**5J-4776**	1	SHIM (.127MM THK)	
BC	46	1	**4J-8224**	5	SHIM (.254MM THK)	
CM	48	1	**8T-4194**	12	BOLT (M12X1.75X50MM)	

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

6E-2923 VALVE GP-STEERING *(contd.)* i01250214



GRAPHIC #1 g00665859

6E-2924 VALVE GP-STEERING–STEERING

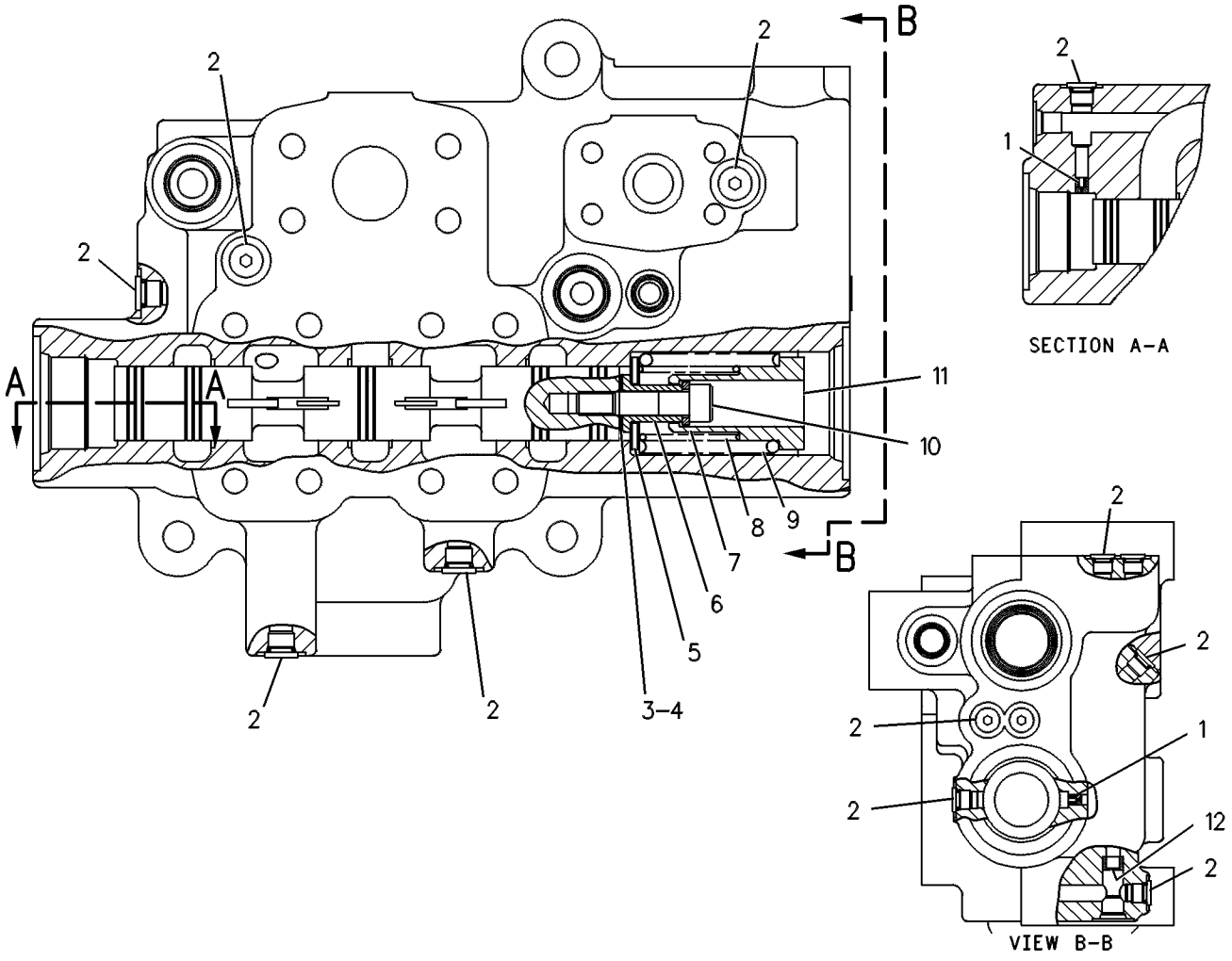
PIN 2KZ1-UP

PART OF 6E-2923 VALVE GP-STEERING

SMCS-4307 **i01124970**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4T-4207**	2	PLUG-ORIFICE (1/16-27 THD)	
	2	1	**9S-8002**	18	PLUG-O-RING (7/16-20 THD)	
		1	**3J-7354**	18	SEAL-O-RING (8.92MM ID)	
B	3	1	**4J-8224**	5	SHIM (.254MM THK)	
B	4	1	**5J-4776**	1	SHIM (.127MM THK)	
	5	1	**7J-2927**	1	WASHER (0.156 MM THK)	
	6	1	**4J-8634**	1	RETAINER-SPRING	
	7	1	**3K-6113**	1	WASHER-HARD (3MM THK)	
	8	1	**6E-4499**	1	SPRING	
	9	1	**6E-4500**	1	SPRING	
M	10	1	**8T-2223**	1	BOLT-SOCKET HEAD (M10X1.5X45MM)	
	11	1	**6E-3775**	1	RETAINER	
	12	1	**4T-5731**	2	SEAT	

B-USE AS REQUIRED
M-METRIC PART



GRAPHIC #1 g00120406

MEMORANDA

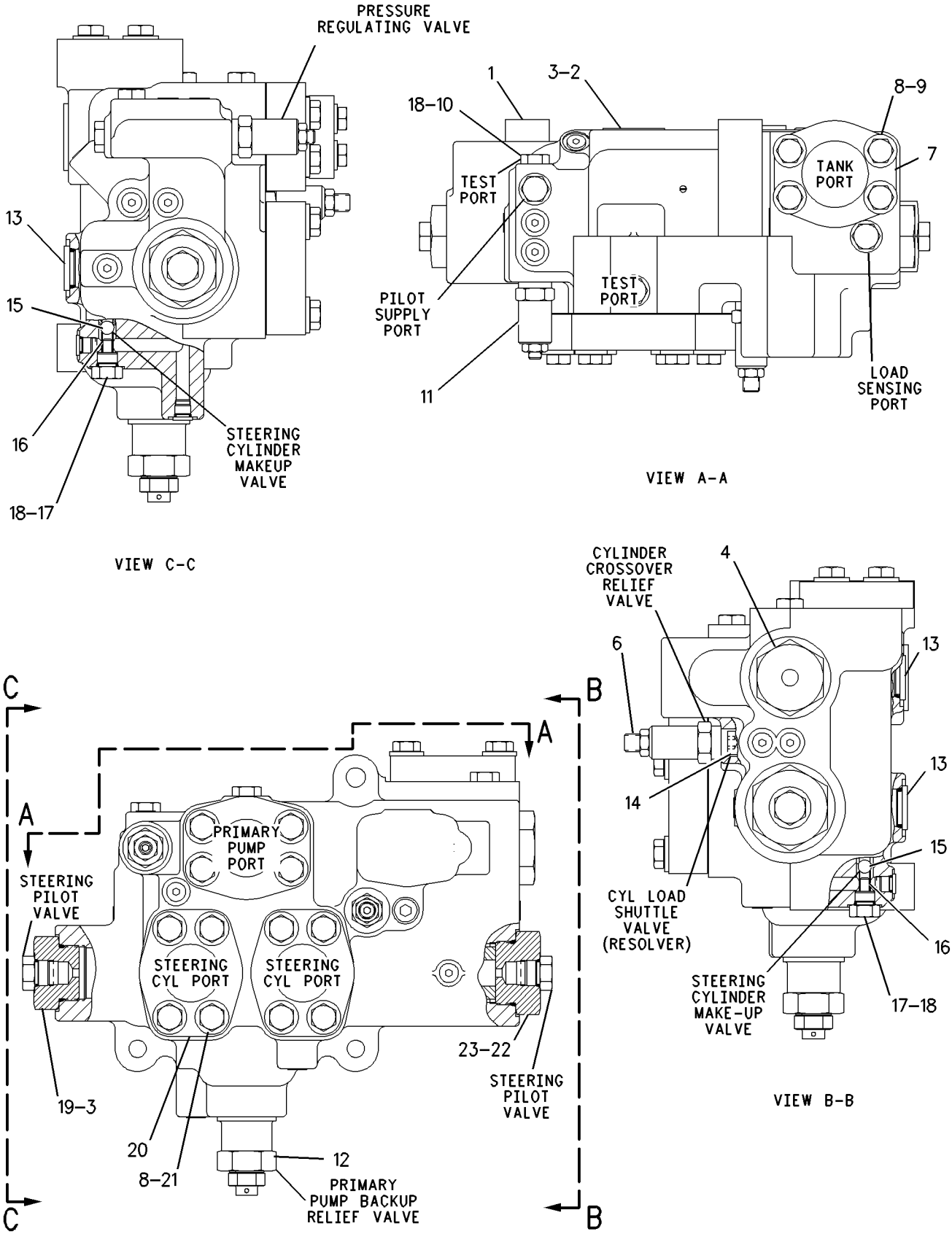
6E-2925 VALVE GP-STEERING

PIN 2KZ1-UP
PART OF 8R-5668 LINES GP-STEERING
TYPE 1

SMCS-4307 **i01250296**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	*6E-2926*	1	VALVE GP-STEERING	461
	2	1	**9S-8010**	2	PLUG-O-RING (1 5/8-12 THD)	
	3	1	**2S-4078**	3	SEAL-O-RING (37.46MM ID)	
	4	1	**102-1450**	1	PLUG GP	
		1	**2U-7354**	1	KIT-SEAL	
		1	**4B-4158**	1	SCREW-DRIVE	
	6	1	**6E-3985**	1	VALVE GP-RELIEF (STEERING CYLINDER CROSSOVER)	
		1	**6E-4288**	1	KIT-SEAL	
					(INCLUDES 2 RINGS AND 2 SEALS)	
	7	1	**1P-4579**	2	FLANGE-HALF	
	8	1	**5P-8245**	16	WASHER-HARD (3MM THK)	
M	9	1	**6V-8197**	4	BOLT (M12X1.75X40MM)	
	10	1	**9S-4191**	2	PLUG-O-RING (9/16-18 THD)	
	11	1	**6E-4286**	1	VALVE GP-PRESSURE REDUCING	
		1	**6E-4287**	1	KIT-SEAL	
					(INCLUDES 3 RINGS AND 3 SEALS)	
Y	12	1	**100-4335**	1	VALVE GP-RELIEF (PUMP BACKUP)	442
	13	1	**9S-8008**	3	PLUG-O-RING (1 1/16-12 THD)	
		1	**3D-2824**	3	SEAL-O-RING (23.47MM ID)	
Y	14	1	**4T-1860**	1	VALVE GP-SHUTTLE (RESOLVER)	445
	15	1	**4B-9782**	2	BALL (9.52MM DIA)	
	16	1	**2S-2596**	2	SPRING (8.4MM OD)	
	17	1	**7J-1089**	2	PLUG-O-RING	
		1	**7M-5130**	2	PIN (6.35MM DIA)	
	18	1	**3J-1907**	4	SEAL-O-RING (11.89MM ID)	
	19	1	**6E-4513**	1	ADAPTER-O-RING	
	20	1	**1P-5767**	6	FLANGE-HALF	
M	21	1	**6V-7673**	12	BOLT (M12X1.75X50MM)	
	22	1	**6E-4514**	1	ADAPTER-O-RING	
	23	1	**6K-6307**	1	SEAL-O-RING (43.69MM ID)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00665914

STEERING SYSTEM

6E-2925 VALVE GP-STEERING

PIN 2KZ1-UP

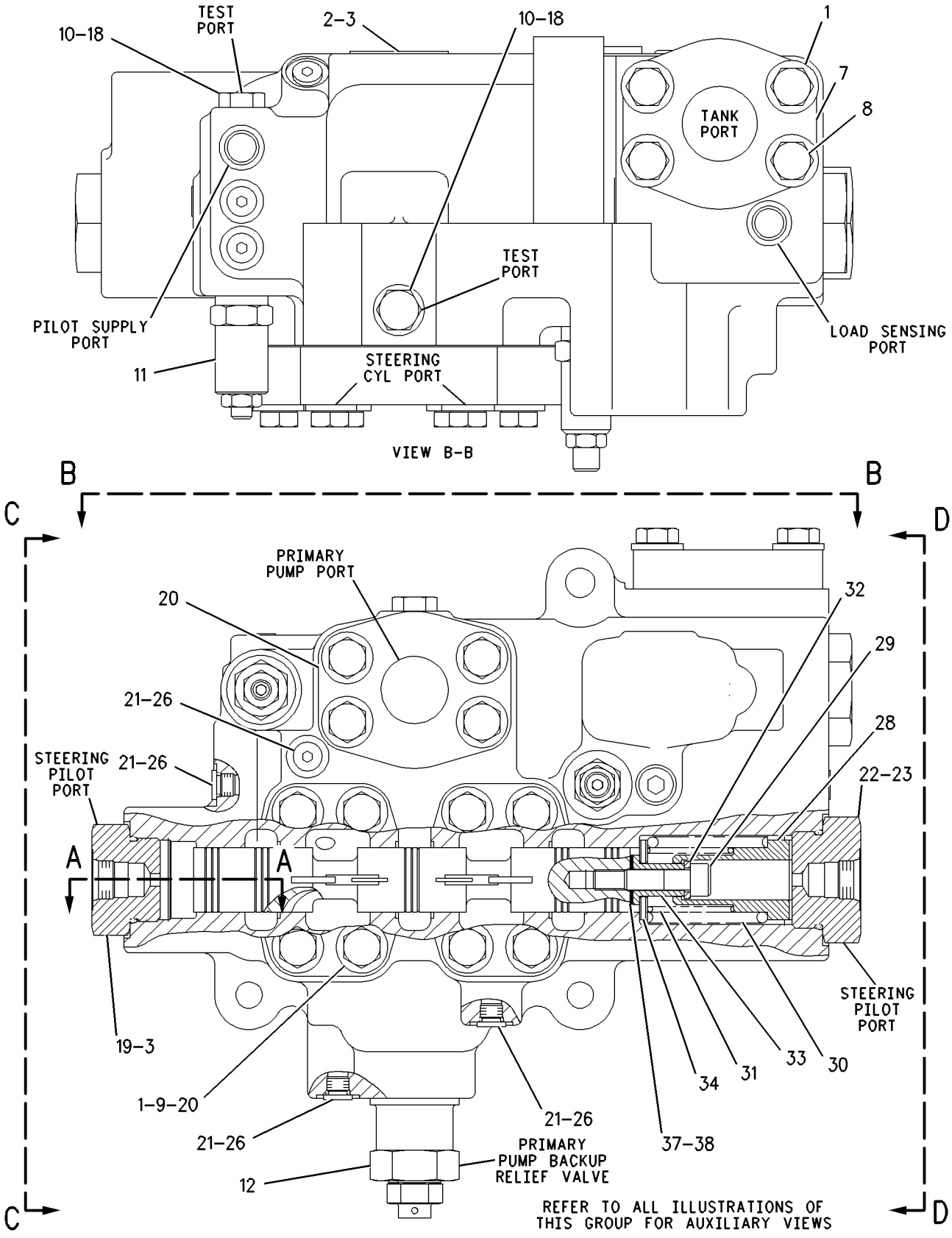
PART OF 8R-5668 LINES GP-STEERING

TYPE 2

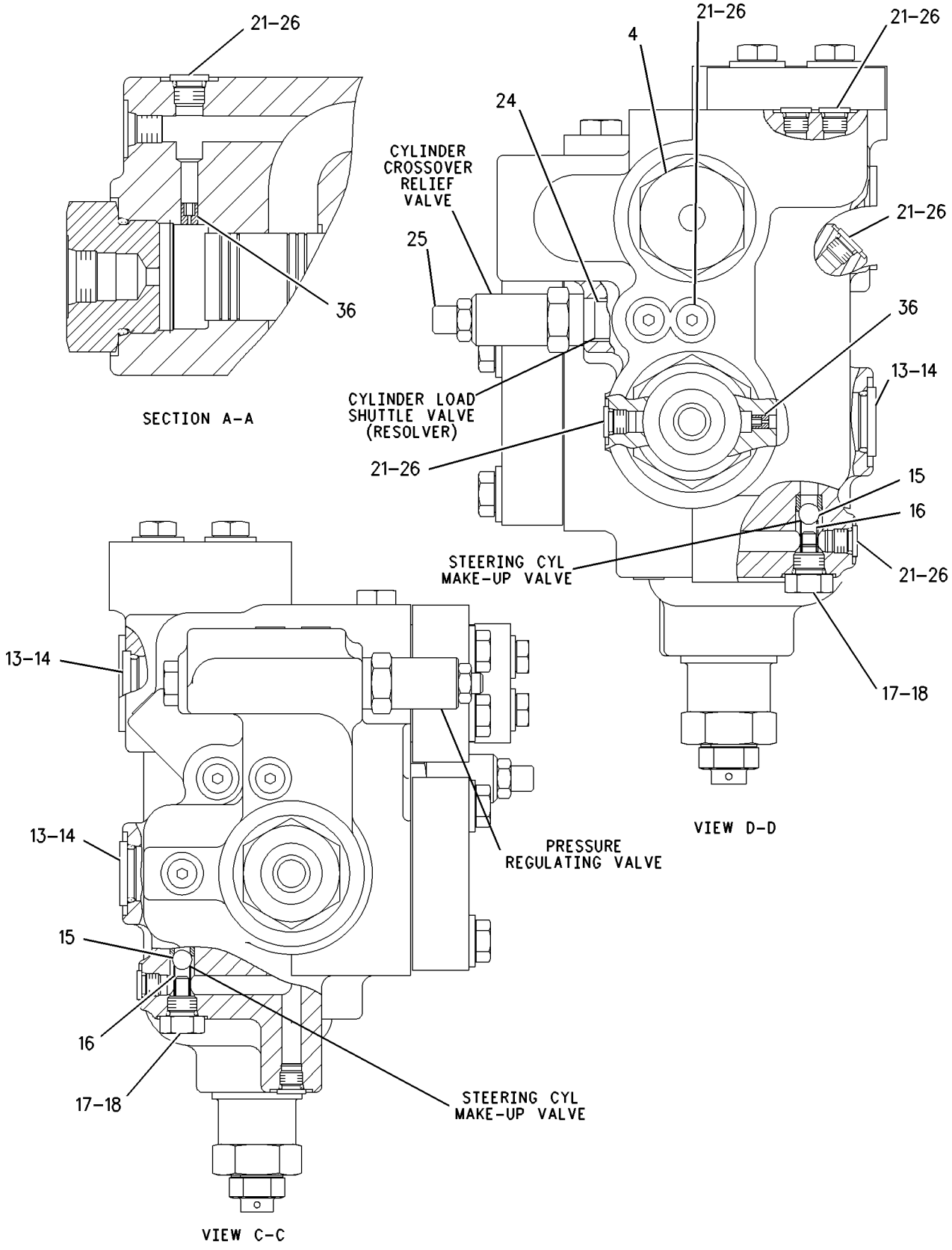
SMCS-4307 **i01250347**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	**8T-4223**	16	WASHER-HARD (3MM THK)	
	2	1	**9S-8010**	2	PLUG-O-RING (1 5/8-12 THD)	
	3	1	**2S-4078**	3	SEAL-O-RING (37.46MM ID)	
	4	2	**102-1450**	1	PLUG GP	
		2	**2U-7354**	1	KIT-SEAL	
	7	1	**1P-4579**	2	FLANGE-HALF	
CM	8	1	**8T-4183**	4	BOLT (M12X1.75X40 MM)	
CM	9	1	**8T-4194**	12	BOLT (M12X1.75X50MM)	
	10	1	**9S-4191**	2	PLUG-O-RING (9/16-18 THD)	
J	11	1	**6E-4286**	1	VALVE GP-PRESSURE REDUCING	
Y	12	1	**100-4335**	1	VALVE GP-RELIEF (PUMP BACKUP)	442
	13	2	**9S-8008**	3	PLUG-O-RING (1 1/16-12 THD)	
	14	2	**3D-2824**	3	SEAL-O-RING (23.47MM ID)	
	15	2	**4B-9782**	2	BALL (9.52MM DIA)	
	16	2	**2S-2596**	2	SPRING (8.4MM OD)	
	17	2	**7J-1089**	2	PLUG-O-RING	
		2	**7M-5130**	2	PIN (6.35MM DIA)	
	18	1,2	**3J-1907**	4	SEAL-O-RING (11.89MM ID)	
	19	1	**6E-4513**	1	ADAPTER-O-RING	
	20	1	**1P-5767**	6	FLANGE-HALF	
C	21	1,2	**9S-8002**	17	PLUG-O-RING (7/16-20 THD)	
	22	1	**6E-4514**	1	ADAPTER-O-RING	
	23	1	**6K-6307**	1	SEAL-O-RING (43.69MM ID)	
Y	24	2	**4T-1860**	1	VALVE GP-SHUTTLE (RESOLVER)	445
T	25	2	**6E-3985**	1	VALVE GP-RELIEF (STEERING CYLINDER CROSSOVER)	
C	26	1,2	**3J-7354**	17	SEAL-O-RING (8.92MM ID)	
C	28	1	**6E-3775**	1	RETAINER	
CM	29	1	**8T-2223**	1	BOLT-SOCKET HEAD (M10X1.5X45MM)	
C	30	1	**6E-4500**	1	SPRING	
C	31	1	**6E-4499**	1	SPRING	
C	32	1	**3K-6113**	1	WASHER-HARD (3MM THK)	
	33	1	**4J-8634**	1	RETAINER-SPRING	
C	34	1	**7J-2927**	1	WASHER (0.156 MM THK)	
C	36	2	**4T-4207**	2	PLUG-ORIFICE (1/16-27 THD)	
BC	37	1	**5J-4776**	1	SHIM (.127MM THK)	
BC	38	1	**4J-8224**	5	SHIM (.254MM THK)	
					AVAILABLE REPAIR KIT(S):	
J			**6E-4287**	1	KIT-SEAL	
T			**6E-4288**	1	KIT-SEAL	

B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
J-PART MARKED J INCLUDES KIT MARKED J
M-METRIC PART
T-PART MARKED T INCLUDES KIT MARKED T
Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00665937



GRAPHIC #2 g00665939

MEMORANDA

STEERING SYSTEM

6E-2925 VALVE GP-STEERING

PIN 2KZ1-UP

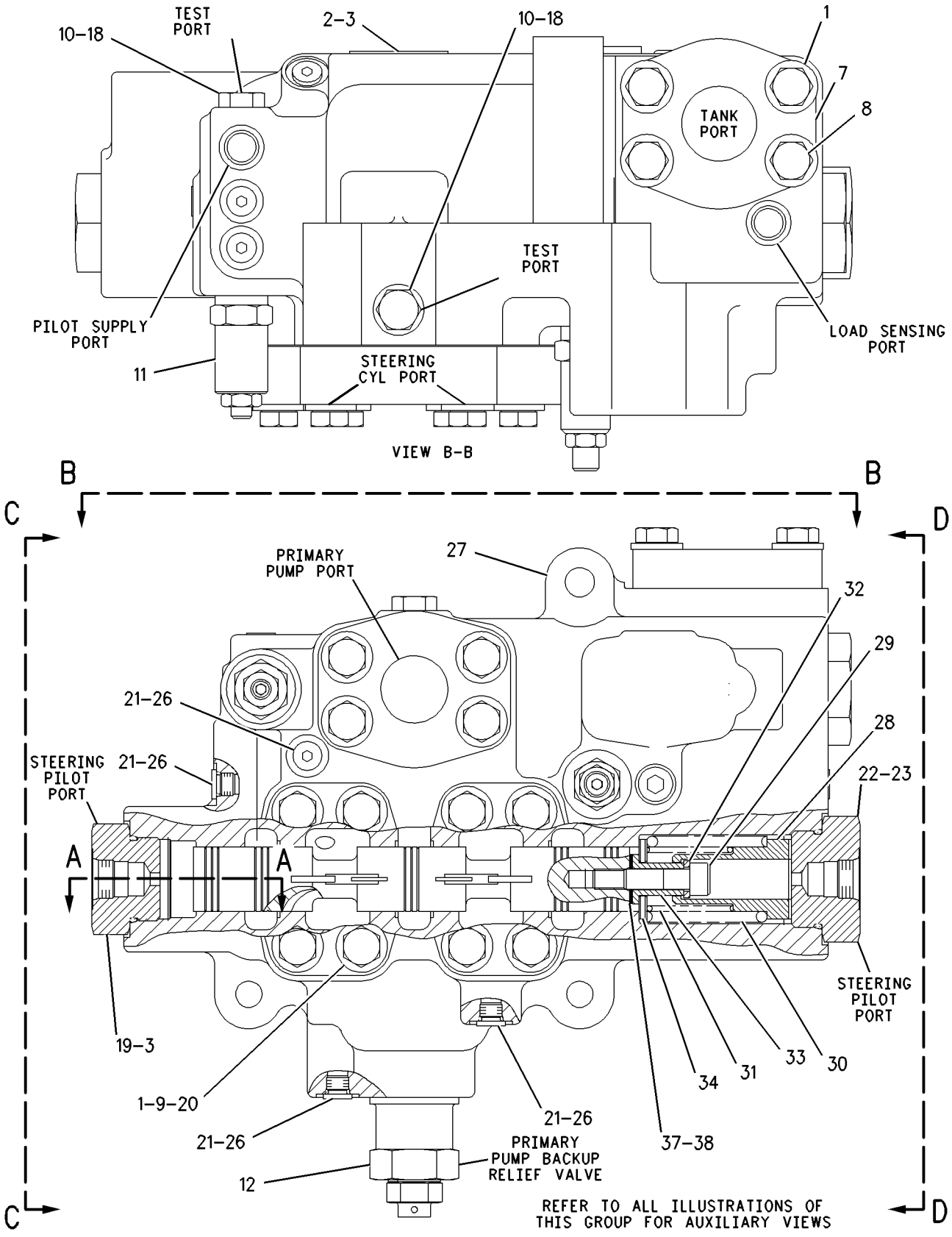
PART OF 8R-5668 LINES GP-STEERING

TYPE 3

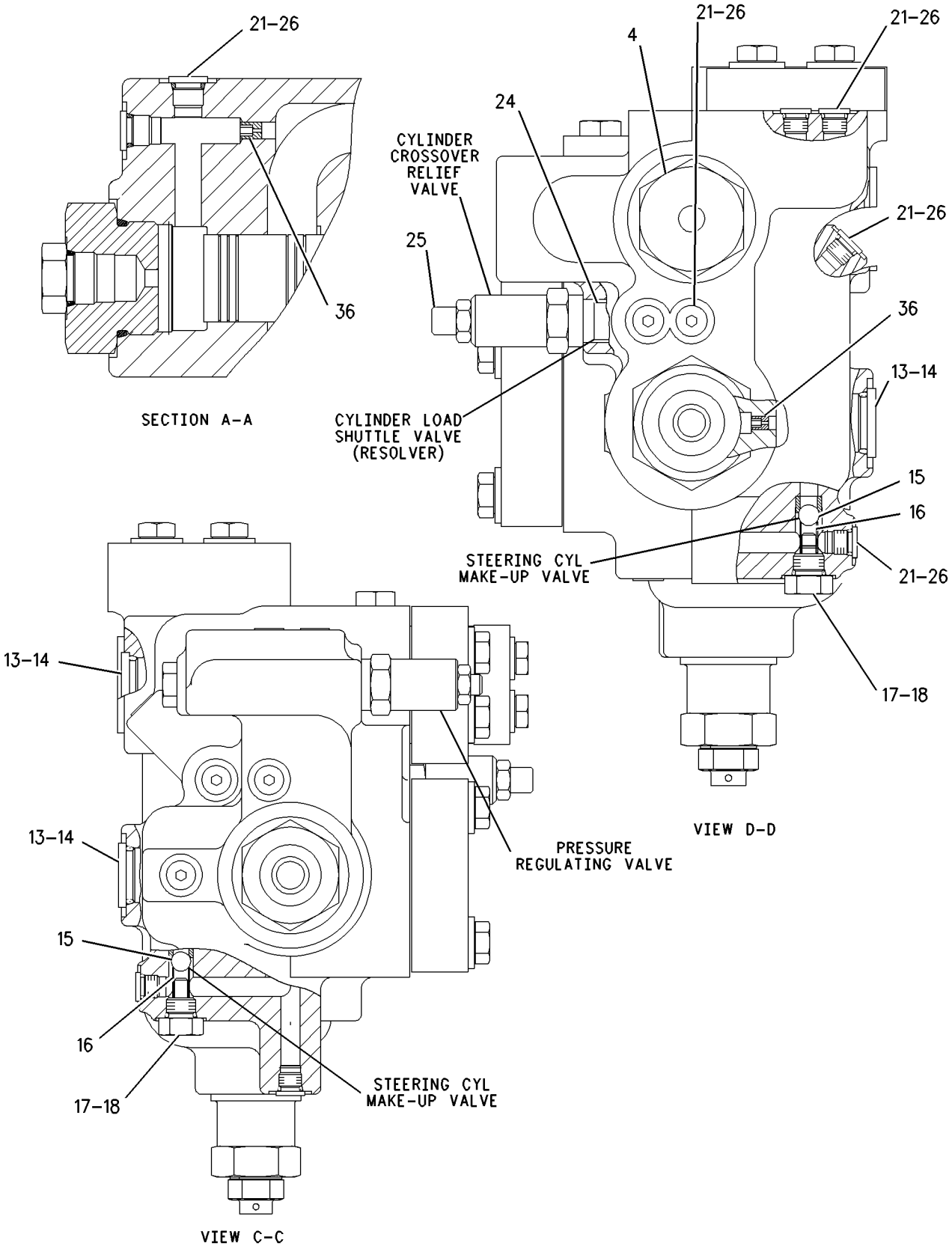
SMCS-4307 **i01250395**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8T-4223**	16	WASHER-HARD (3MM THK)	
	2	1	**9S-8010**	2	PLUG-O-RING (1 5/8-12 THD)	
	3	1	**2S-4078**	3	SEAL-O-RING (37.46MM ID)	
	4	2	**102-1450**	1	PLUG GP	
		2	**2U-7354**	1	KIT-SEAL	
	7	1	**1P-4579**	2	FLANGE-HALF	
M	8	1	**8T-4183**	4	BOLT (M12X1.75X40 MM)	
M	9	1	**8T-4194**	12	BOLT (M12X1.75X50MM)	
	10	1	**9S-4191**	2	PLUG-O-RING (9/16-18 THD)	
J	11	1	**6E-4286**	1	VALVE GP-PRESSURE REDUCING	
Y	12	1	**100-4335**	1	VALVE GP-RELIEF (PUMP BACKUP)	442
	13	2	**9S-8008**	3	PLUG-O-RING (1 1/16-12 THD)	
	14	2	**3D-2824**	3	SEAL-O-RING (23.47MM ID)	
	15	2	**4B-9782**	2	BALL (9.52MM DIA)	
	16	2	**2S-2596**	2	SPRING (8.4MM OD)	
	17	2	**7J-1089**	2	PLUG-O-RING	
		2	**7M-5130**	2	PIN (6.35MM DIA)	
	18	1,2	**3J-1907**	4	SEAL-O-RING (11.89MM ID)	
	19	1	**6E-4513**	1	ADAPTER-O-RING	
	20	1	**1P-5767**	6	FLANGE-HALF	
C	21	1,2	**9S-8002**	16	PLUG-O-RING (7/16-20 THD)	
	22	1	**6E-4514**	1	ADAPTER-O-RING	
	23	1	**6K-6307**	1	SEAL-O-RING (43.69MM ID)	
Y	24	2	**4T-1860**	1	VALVE GP-SHUTTLE (RESOLVER)	445
T	25	2	**6E-3985**	1	VALVE GP-RELIEF (STEERING CYLINDER CROSSOVER)	
C	26	1,2	**3J-7354**	16	SEAL-O-RING (8.92MM ID)	
Z	27	1		1	BODY	
	28	1	**6E-3775**	1	RETAINER	
M	29	1	**8T-2223**	1	BOLT-SOCKET HEAD (M10X1.5X45MM)	
	30	1	**6E-4500**	1	SPRING	
	31	1	**6E-4499**	1	SPRING	
	32	1	**3K-6113**	1	WASHER-HARD (3MM THK)	
	33	1	**4J-8634**	1	RETAINER-SPRING	
	34	1	**7J-2927**	1	WASHER (0.156 MM THK)	
	36	2	**4T-4207**	2	PLUG-ORIFICE (1/16-27 THD)	
B	37	1	**5J-4776**	1	SHIM (.127MM THK)	
B	38	1	**4J-8224**	5	SHIM (.254MM THK)	
					AVAILABLE REPAIR KIT(S):	
J			**6E-4287**	1	KIT-SEAL	
T			**6E-4288**	1	KIT-SEAL	

B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
J-PART MARKED J INCLUDES KIT MARKED J
M-METRIC PART
T-PART MARKED T INCLUDES KIT MARKED T
Y-SEPARATE ILLUSTRATION
Z-NOT SERVICED SEPARATELY



GRAPHIC #1 g00665965



GRAPHIC #2 g00665966

STEERING SYSTEM

6E-2926 VALVE GP-STEERING

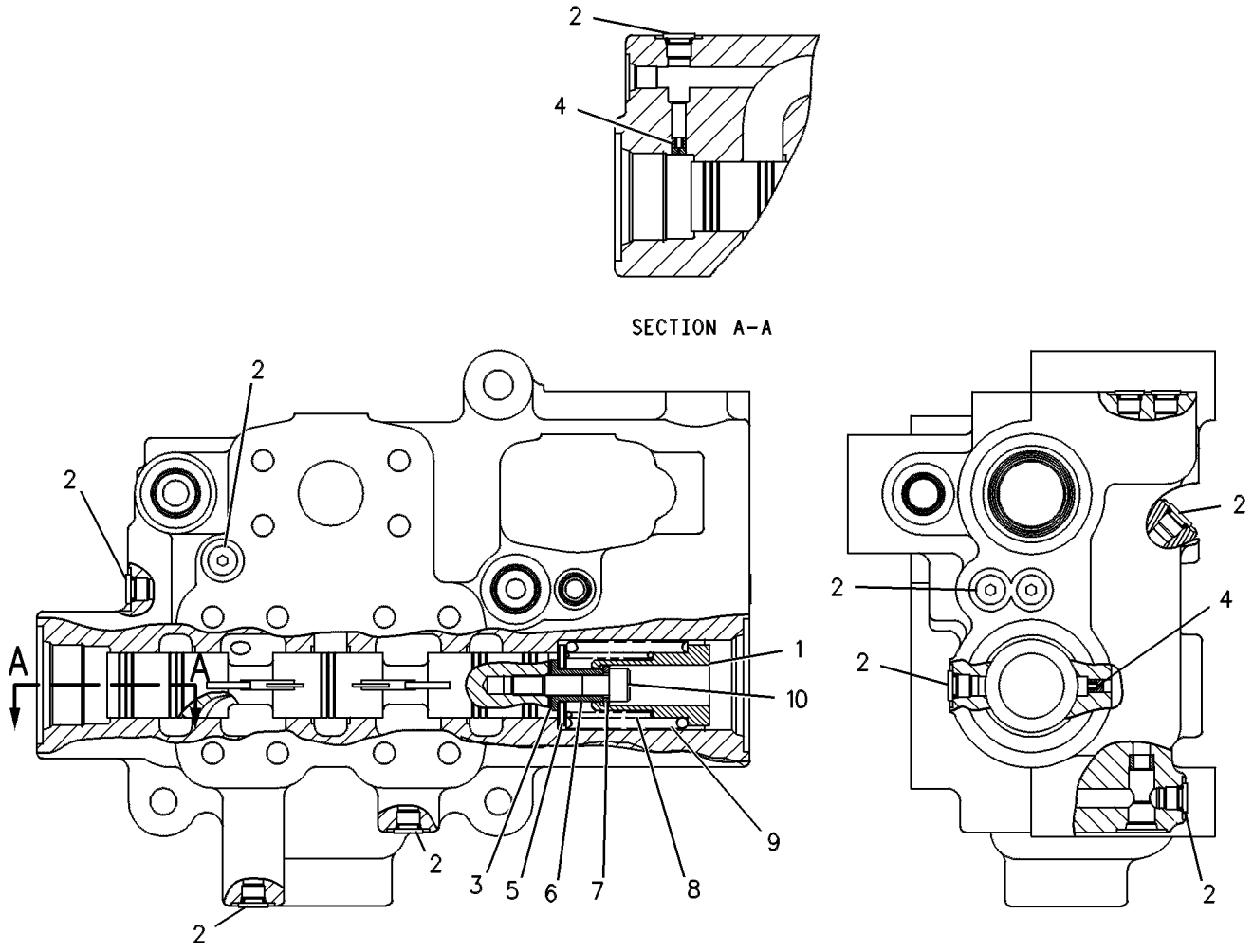
PIN 2KZ1-UP

PART OF 6E-2925 VALVE GP-STEERING

SMCS-4307 **i01124980**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6E-3775**	1	RETAINER	
	2	1	**9S-8002**	17	PLUG-O-RING (7/16-20 THD)	
		1	**3J-7354**	17	SEAL-O-RING (8.92MM ID)	
B	3	1	**4J-8224**	5	SHIM (.254MM THK)	
B		1	**5J-4776**	1	SHIM (.127MM THK)	
	4	1	**4T-4207**	2	PLUG-ORIFICE (1/16-27 THD)	
	5	1	**7J-2927**	1	WASHER (0.156 MM THK)	
	6	1	**4J-8634**	1	RETAINER-SPRING	
	7	1	**3K-6113**	1	WASHER-HARD (3MM THK)	
	8	1	**6E-4499**	1	SPRING	
	9	1	**6E-4500**	1	SPRING	
M	10	1	**8T-2223**	1	BOLT-SOCKET HEAD (M10X1.5X45MM)	

B-USE AS REQUIRED
M-METRIC PART



GRAPHIC #1 g00120407

9T-7426 VALVE GP-STEERING NEUTRALIZER

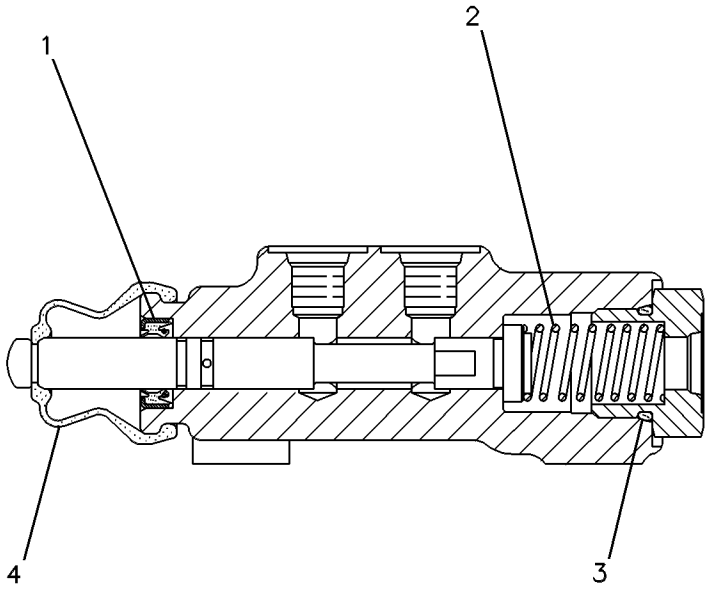
PIN 2KZ1-UP

PART OF 8R-5680 VALVE & LINES GP-STEERING NEUT

SMCS-4330 **i00174378**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	**6V-1949**	1	SEAL-LIP	
	2	1	**5F-9035**	1	SPRING	
	3	1	**3D-2824**	1	SEAL-O-RING (23.47MM ID)	
	4	1	**6J-4568**	1	BOOT	

C-CHANGE FROM PREVIOUS TYPE



GRAPHIC #1 g00122383

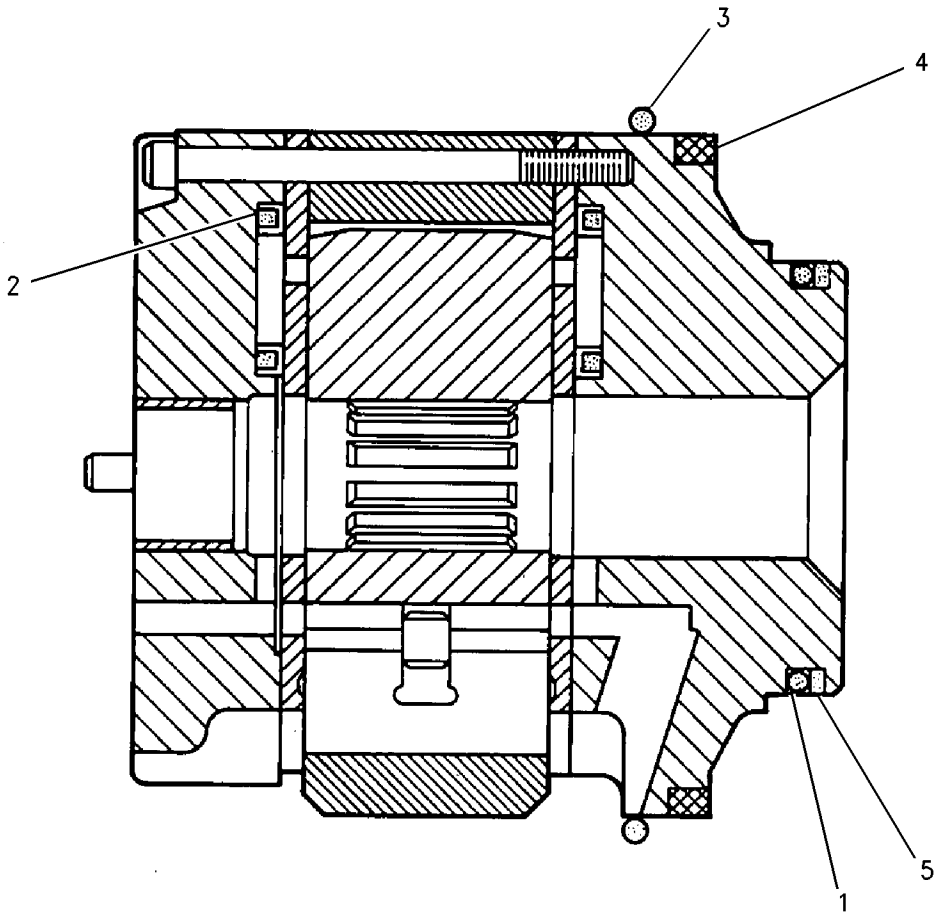
1U-3953 CARTRIDGE GP-VANE PUMP*R

PIN 2KZ1-UP

PART OF 157-0956 PUMP GP-VANE

SMCS-5055 **i01229244**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**061-9457**	1	SEAL-O-RING	
	2	1	**3G-9200**	4	SEAL	
	3	1	**5D-5958**	1	SEAL-O-RING	
	4	1	**3G-1820**	1	RING-SEAL	
	5	1	**6V-1555**	1	RING-BACKUP	



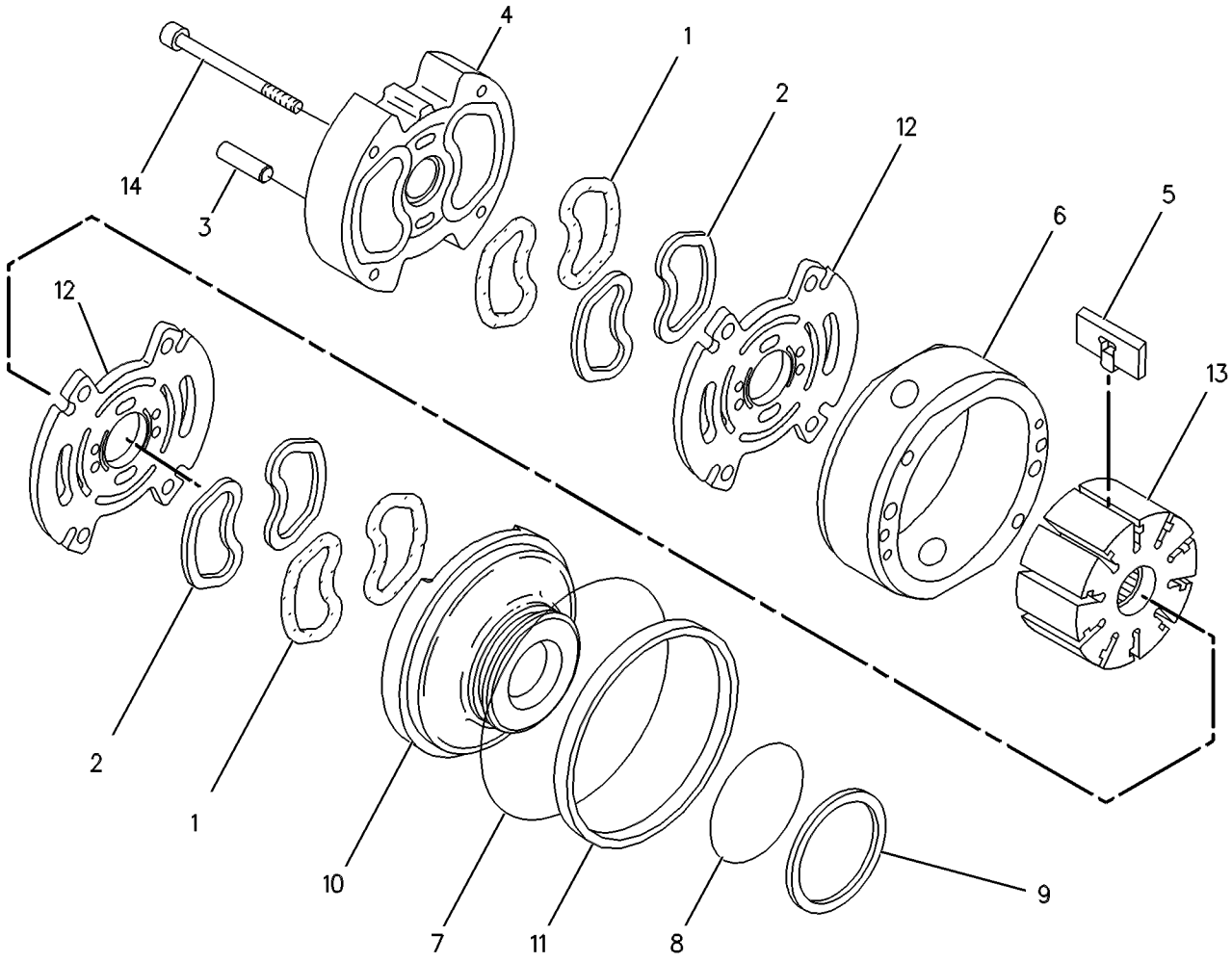
GRAPHIC #1 g00657365

3G-7663 CARTRIDGE GP-VANE PUMP*R

PIN 2KZ1-UP
64 L/MIN (17 GPM)
PART OF 157-0956 PUMP GP-VANE

SMCS-5055 **i00968439**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8C-3078**	4	SEAL-O-RING (45.69MM ID)	
	2	1	**3G-2192**	4	RETAINER-SEAL	
	3	1	**9T-5041**	2	DOWEL	
	4	1	**9T-5048**	1	PLATE-INLET	
	5	1	**064-7311**	1	KIT-VANE	
	6	1	**9T-5069**	1	RING	
	7	1	**6V-1197**	1	SEAL-O-RING (98.02MM ID)	
	8	1	**8J-4351**	1	SEAL-O-RING (44.04MM ID)	
	9	1	**9T-5086**	1	RING	
	10	1	**9T-5090**	1	PLATE-OUTLET	
	11	1	**3G-2193**	1	RING-SEAL	
	12	1	**9T-5098**	2	PLATE-FLEX	
	13	1	**064-7310**	1	ROTOR-PUMP	
	14	1	**9T-5110**	2	SCREW (#10-32 UNF X 2.25IN)	



GRAPHIC #1 g00117530

MEMORANDA

HYDRAULIC SYSTEM

153-3957 CONTROL GP-HYDRAULIC HAND

PIN 2KZ1-UP

PART OF 153-3958 CAB AR

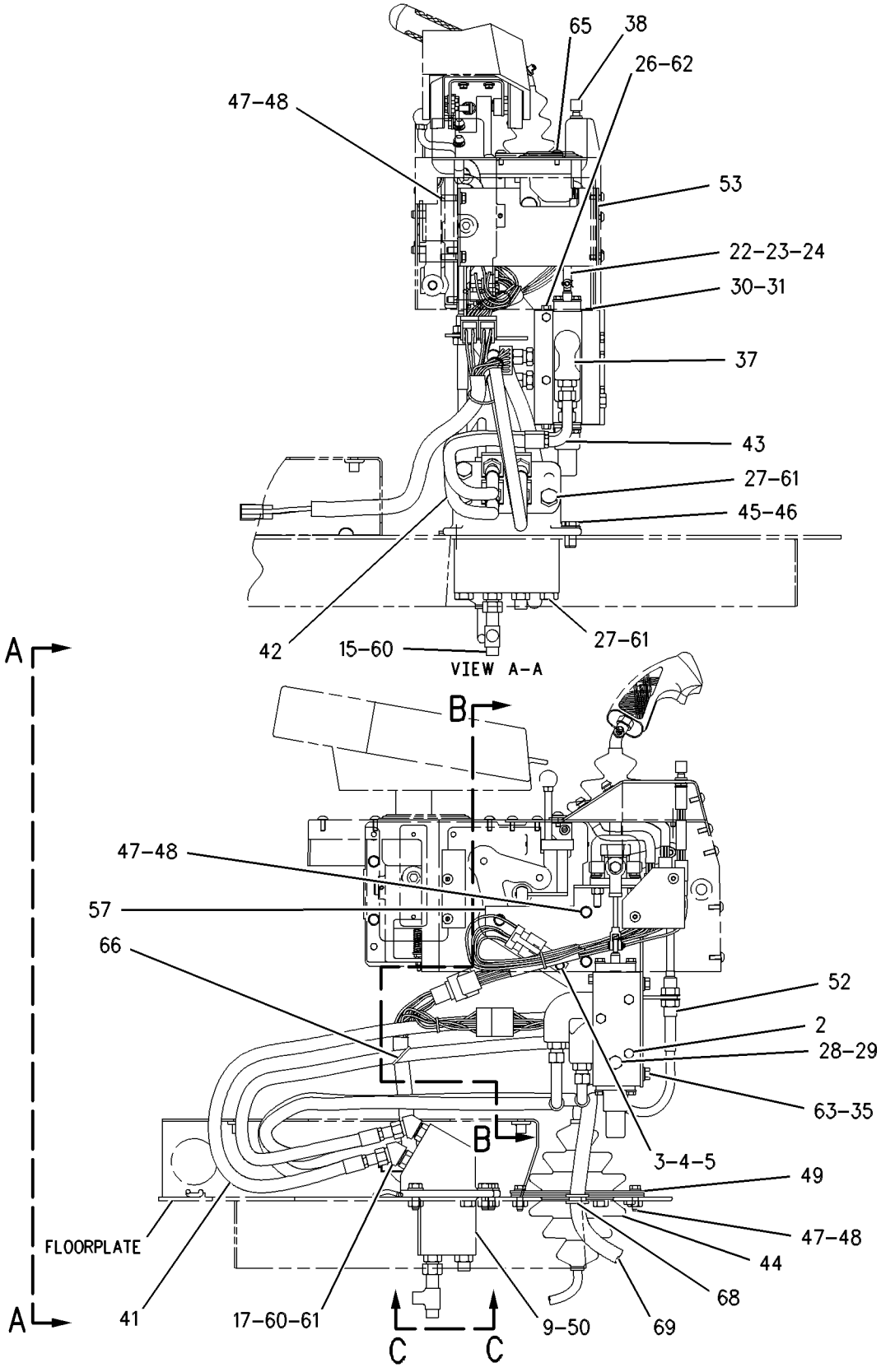
SMCS-5063 **i01251853**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**1B-8704**	1	KEY-WOODRUFF	
	2	1	**1F-4111**	3	BOLT (5/16-18X3.5IN)	
	3	1	**1H-3338**	1	LOCKWASHER (1/4-EXT.)	
M	4	1	**8T-4171**	1	BOLT (M6X1.0X12MM)	
	5	1	**3E-5239**	1	RELAY AS (24 VOLT)	
	6	2	**3T-9345**	1	BRACKET	
	7	2	**174-5732**	1	SHAFT	
	8	2	**174-5733**	1	SHAFT	
	9	1	**4E-3440**	1	MANIFOLD	
	10	2	**4J-3044**	2	BEARING-NEEDLE	
	11	2	**8T-0741**	4	SEAL-LIP (15.88MM ID)	
	12	2	**5P-5390**	1	ROD END	
	13	2	**5S-8558**	1	STUD	
	14	2	**6V-1542**	1	ROD END	
	15	1	**6V-9837**	1	TEE-SWIVEL	
	16	2	**6V-8639**	6	CONNECTOR-SEAL	
	17	1	**6V-9002**	4	ELBOW-45 DEGREE (3/4-16 THD)	
	18	2	**6V-9873**	2	CONNECTOR (ORFS)	
	19	2	**8P-8896**	1	LEVER	
	20	2	**8T-2502**	1	BOLT (3/8-16X1.125IN)	
	21	2	**1H-1200**	1	PIN-SPRING	
	22	1	**9D-5506**	1	ROD END	
	23	1	**9S-1303**	1	PIN	
	24	1	**3B-4607**	1	COTTER	
	25	2	**9M-1311**	2	NUT-JAM (1/4-28 THD)	
	26	1	**9S-4180**	4	PLUG-O-RING (5/16-24 THD)	
	27	1	**9S-4185**	8	PLUG-O-RING (3/4-16 THD)	
	28	1	**9S-4191**	1	PLUG-O-RING (9/16-18 THD)	
	29	1,2	**3J-1907**	3	SEAL-O-RING (11.89MM ID)	
	30	1	**9S-8002**	1	PLUG-O-RING (7/16-20 THD)	
	31	1	**3J-7354**	1	SEAL-O-RING (8.92MM ID)	
	32	2	**146-1819**	2	SPACER	
	33	2	**5S-7383**	2	BOLT (3/8-16X1.75IN)	
	34	2	**6V-8801**	4	NUT (3/8-16 THD)	
	35	1,2	**8T-4896**	6	WASHER-HARD (2.5MM THK)	
	36	2	**9B-7237**	2	BOLT (3/8-16X1.25IN)	
Y	37	1	**9T-7883**	1	VALVE GP-PILOT (TILT)	537
	38	1	**114-0420**	1	SWITCH AS-PUSH (HORN)	
	39	2	**129-2973**	1	SWITCH AS-PUSH (THROTTLE LOCK SET)	
		2	**3E-3371**	1	WEDGE-RECEPTACLE LOCK	
		2	**8T-8729**	3	PIN-CONNECTOR	
		2	**102-8803**	1	KIT-RECEPTACLE (3 PIN)	
					(INCLUDES WEDGE)	
	40	2	**131-0453**	1	SWITCH AS-PUSH (THROTTLE LOCK RESUME)	
		2	**3E-3368**	1	WEDGE-PLUG LOCK	
		2	**8T-8730**	3	SOCKET-CONNECTOR	
		2	**102-8808**	1	KIT-CONNECTING PLUG (3 PIN)	
					(INCLUDES WEDGE)	
I	41	1	**143-7879**	2	HOSE AS	
I	42	1	**143-7881**	1	HOSE AS	
I	43	1	**143-7882**	1	HOSE AS	
	44	1	**146-0778**	2	BOOT	
M	45	1	**8T-4195**	3	BOLT (M10X1.50X30MM)	
	46	1	**8T-4121**	3	WASHER-HARD (2.5MM THK)	
M	47	1,2	**8T-7547**	9	BOLT (M8X1.25X30MM)	
	48	1,2	**8T-4224**	9	WASHER-HARD (8.8X16X2MM THK)	

153-3957 CONTROL GP-HYDRAULIC HAND *(contd.)* i01251853

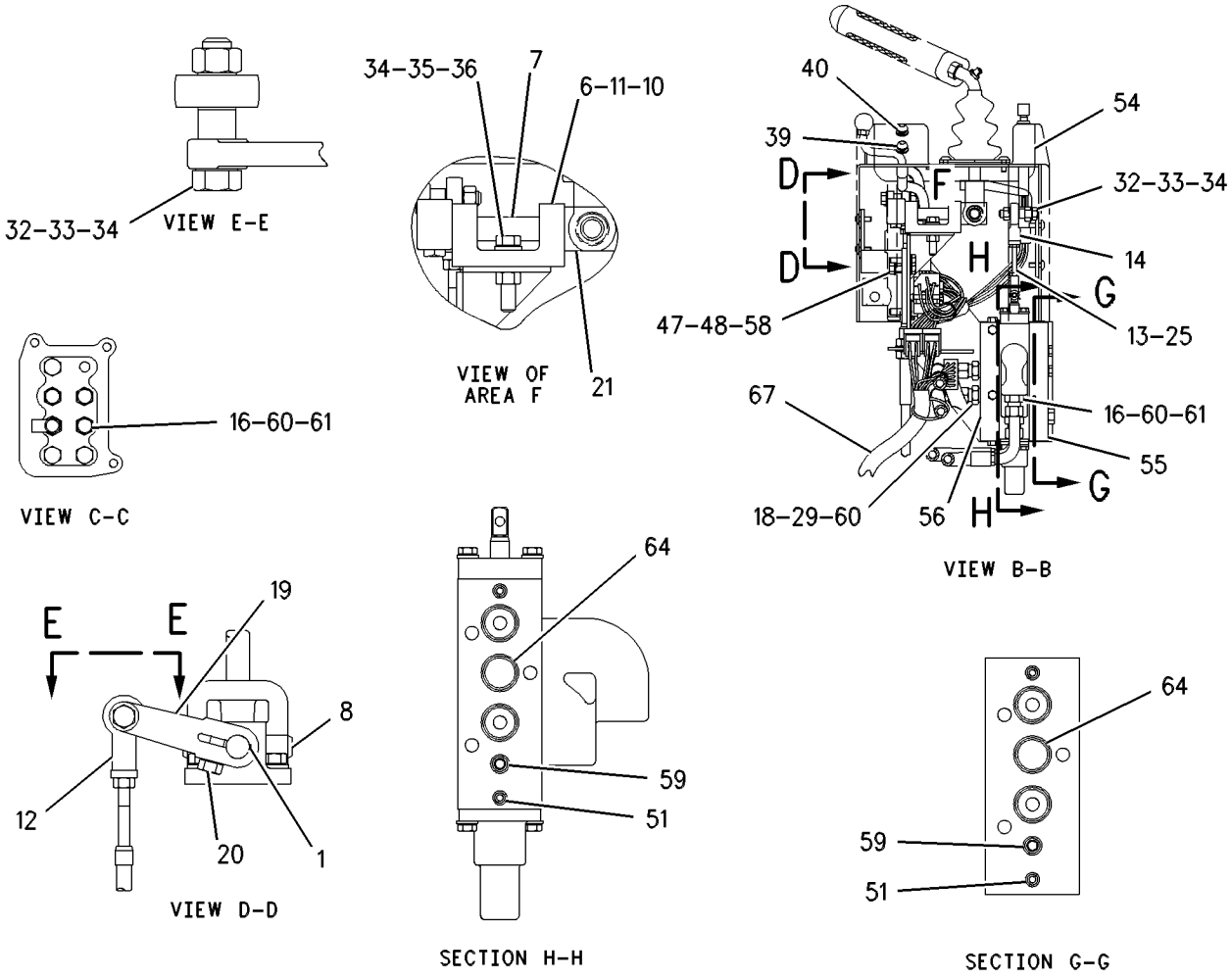
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	49	1	**151-3230**	1	PLATE	
	50	1	**4E-3445**	1	SEAL	
	51	2	**8J-1699**	4	SEAL-O-RING	
	52	1	**153-3956**	1	CABLE	
	53	1	**146-1817**	1	COVER	
	54	2	**146-1820**	1	BRACKET	
	55	2	**146-1827**	1	BLOCK	
	56	2	**146-1826**	1	BLOCK	
	57	1	**146-1818**	1	FRAME	
M	58	2	**5C-7261**	1	NUT (M8X1.25 THD)	
	59	2	**6J-3134**	2	SEAL (7.59MM ID)	
	60	1,2	**6V-8398**	14	SEAL-O-RING (12.47MM ID)	
	61	1,2	**3K-0360**	18	SEAL-O-RING (16.36MM ID)	
	62	1	**4J-7533**	4	SEAL-O-RING (6.07MM ID)	
	63	1	**5S-7379**	4	BOLT (3/8-16X.875IN)	
	64	2	**5P-3108**	6	SEAL-O-RING (20.30MM ID)	
M	65	1	**9X-2044**	4	SCREW-TRUSS HEAD (M6X1X16MM)	
	66	1	**7K-1181**	3	STRAP-CABLE (4IN DIA)	
	67	2	**124-0718**	1	HARNESS AS	
	68	1	**9X-7373**	1	GROMMET	
	69	1	**146-3146**	1	HARNESS AS	

I-SEE HOSE FABRICATION GUIDE
M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

g00375683



GRAPHIC #2

g00622148

HYDRAULIC SYSTEM

7E-0606 COOLER GP-HYDRAULIC OIL

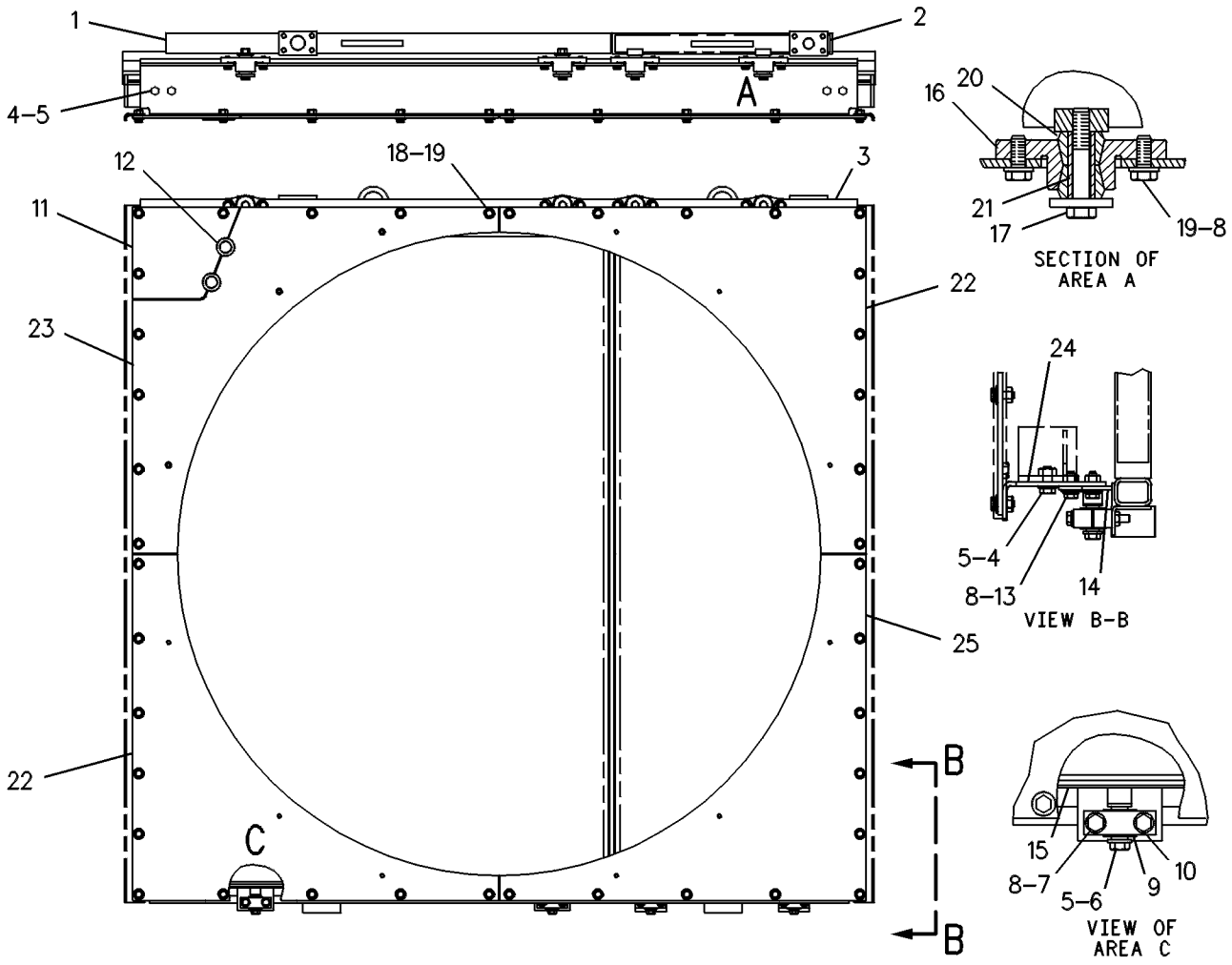
PIN 2KZ1-UP

PART OF 122-4986 INSTALLATION AR-ENGINE

SMCS-1374 **i01102209**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**148-8977**	1	CORE AS-OIL COOLER	
	2	1	**148-8978**	1	CORE AS-OIL COOLER	
	3	1	**4P-6183**	1	CHANNEL AS	
M		1	**8T-3490**	8	NUT-WELD (M10X1.5 THD)	
CM	4	1	**8T-4139**	8	BOLT (M12X1.75X30MM)	
C	5	1	**8T-4223**	16	WASHER-HARD (3MM THK)	
M	6	1	**8T-4910**	4	BOLT (M12X1.75X60MM)	
CM	7	1	**8T-4172**	8	BOLT (M10X1.50X80MM)	
	8	1	**8T-4121**	26	WASHER (2.5MM THK)	
C	9	1	**3H-8726**	4	MOUNT AS	
	10	1	**1M-6298**	8	CLAMP-MOUNTING	
	11	1	**4P-9593**	1	PLATE	
C	12	1	**6P-6641**	2	GROMMET	
M	13	1	**8T-4195**	10	BOLT (M10X1.50X30MM)	
	14	1	**4P-6178**	2	BAFFLE AS-BOTTOM	
					(EACH INCLUDES)	
		1	**7X-0507**	5	WASHER-HARD (5.0MM THK)	
	15	1	**4P-6194**	2	STRIP	
	16	1	**102-0233**	4	ADAPTER	
M	17	1	**8T-4648**	4	BOLT (M12X1.75X70MM)	
		1	**7X-0590**	4	WASHER-HARD (6.0MM THK)	
C	18	1	**7X-7729**	40	WASHER (3MM THK)	
M	19	1	**8T-4136**	48	BOLT (M10X1.50X25MM)	
	20	1	**1P-5412**	8	BUSHING-TERMINAL	
	21	1	**1P-5411**	4	SLEEVE	
C	22	1	**4P-9591**	2	PLATE AS	
					(EACH INCLUDES)	
M		1	**8T-3490**	3	NUT-WELD (M10X1.5 THD)	
	23	1	**4P-9592**	1	PLATE AS	
M		1	**8T-3490**	3	NUT-WELD (M10X1.5 THD)	
	24	1	**4P-6184**	1	ANGLE AS	
M		1	**8T-3490**	18	NUT-WELD (M10X1.5 THD)	
C	25	1	**108-0363**	1	PLATE AS	

C-CHANGE FROM PREVIOUS TYPE
M-METRIC PART



GRAPHIC #1

g00120129

HYDRAULIC SYSTEM

152-9757 CYLINDER & MTG GP-LIFT

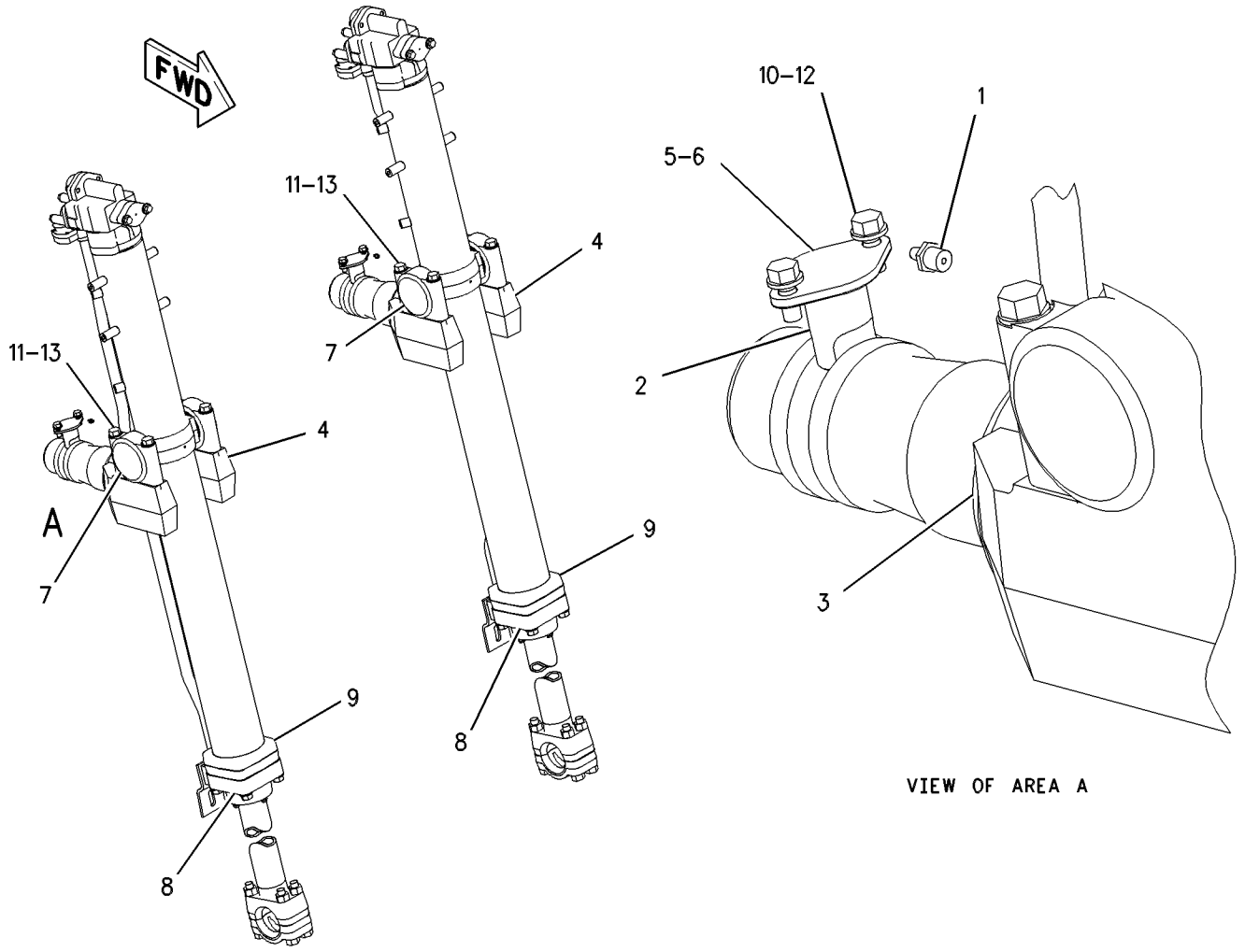
PIN 2KZ1-UP

PART OF 152-9753 HYDRAULIC AR

SMCS-5102 **i01229279**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3B-8489**	2	FITTING-GREASE (1/8-27 THD)	
	2	1	**4T-4875**	2	PIN	
	3	1	**5P-5520**	2	SEAL-LIP	
	4	1	**6Y-2651**	2	YOKE	
	5	1	**9J-5717**	2	COVER	
	6	1	**9J-5718**	2	GASKET	
	7	1	**9J-7625**	4	CAP AS	
					(EACH INCLUDES)	
		1	**9J-5284**	1	BEARING-SLEEVE	
Y	8	1	*153-1777*	1	CYLINDER & VALVE GP-LIFT	473
Y	9	1	*153-1778*	1	CYLINDER & VALVE GP-LIFT	474
	10	1	**8T-4223**	4	WASHER-HARD (3MM THK)	
	11	1	**8T-4994**	8	WASHER (5MM THK)	
	12	1	**8T-8917**	4	BOLT (1/2-13X1.25IN)	
	13	1	**8T-9312**	8	BOLT (3/4-10X6IN)	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00376475

153-1777 CYLINDER & VALVE GP-LIFT–RH

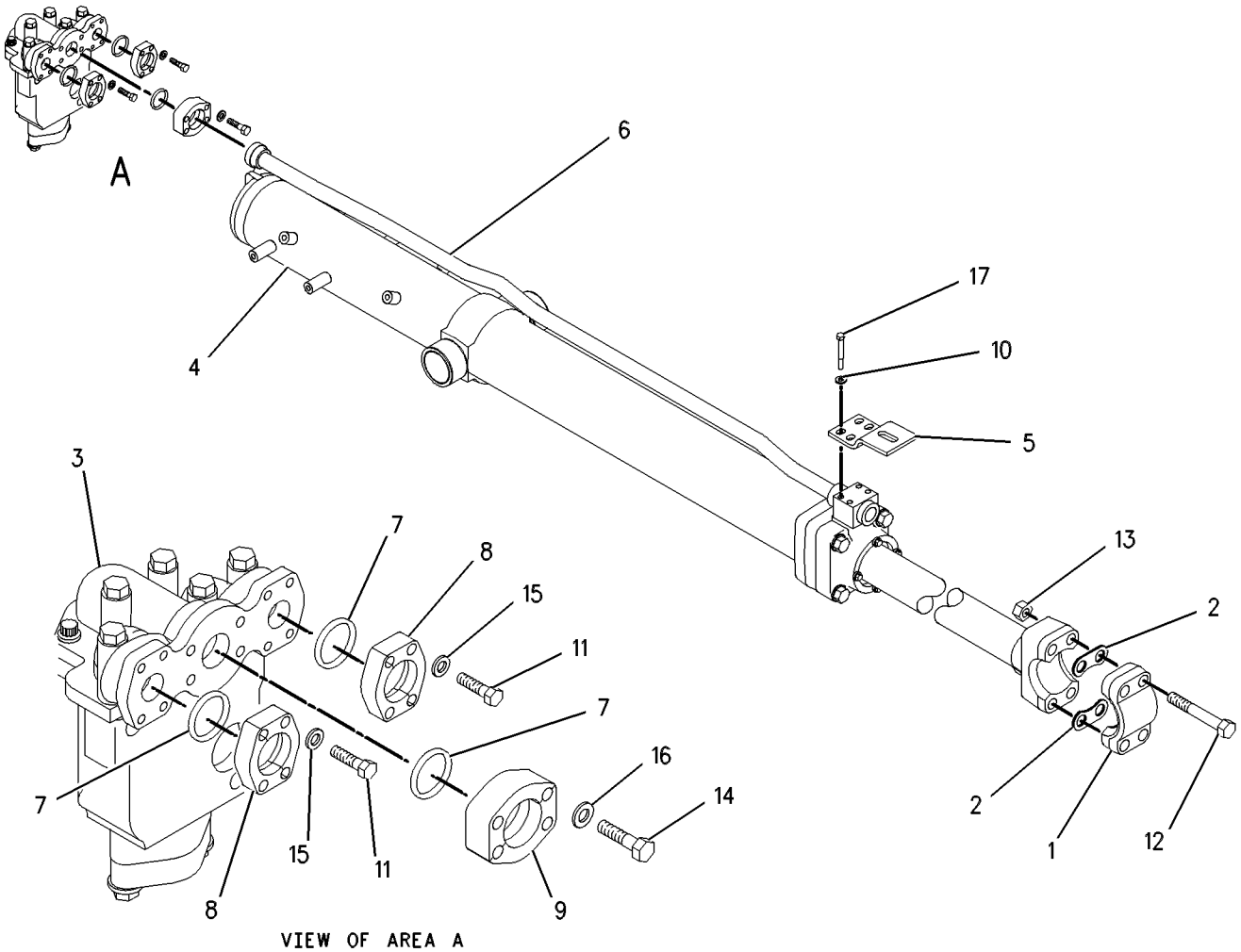
PIN 2KZ1-UP

PART OF 152-9757 CYLINDER & MTG GP-LIFT

SMCS-5102, 5110 **i01229281**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3G-0910**	1	CAP-BEARING	
B	2	1	**3G-0911**	12	SHIM (.8MM THK)	
Y	3	1	**4T-4204**	1	VALVE GP-QUICK-DROP	539
Y	4	1	**4Z-6424**	1	CYLINDER GP-LIFT	476
	5	1	**7T-4890**	1	PLATE	
	6	1	**9P-8514**	1	TUBE AS	
	7	1	**1P-3704**	3	SEAL-RECTANGULAR (38.2MM ID)	
	8	1	**1P-4577**	4	FLANGE-HALF	
	9	1	**1P-5761**	2	FLANGE-HALF	
	10	1	**5P-1075**	4	WASHER-HARD (3MM THK)	
	11	1	**5S-7382**	8	BOLT (3/8 X 16 X 1.375 IN)	
	12	1	**7X-0392**	4	BOLT (7/8-9X6IN)	
	13	1	**7X-0449**	4	NUT-FULL (7/8-9 THD)	
	14	1	**8C-6877**	4	BOLT (7/16-14X1.75IN)	
	15	1	**8T-4896**	8	WASHER-HARD (2.5MM THK)	
	16	1	**8T-5360**	4	WASHER (2.5MM THK)	
	17	1	**8T-7008**	4	BOLT (3/8-16X3IN)	

B-USE AS REQUIRED
Y-SEPARATE ILLUSTRATION



VIEW OF AREA A

GRAPHIC #1 g00470154

153-1778 CYLINDER & VALVE GP-LIFT–LH

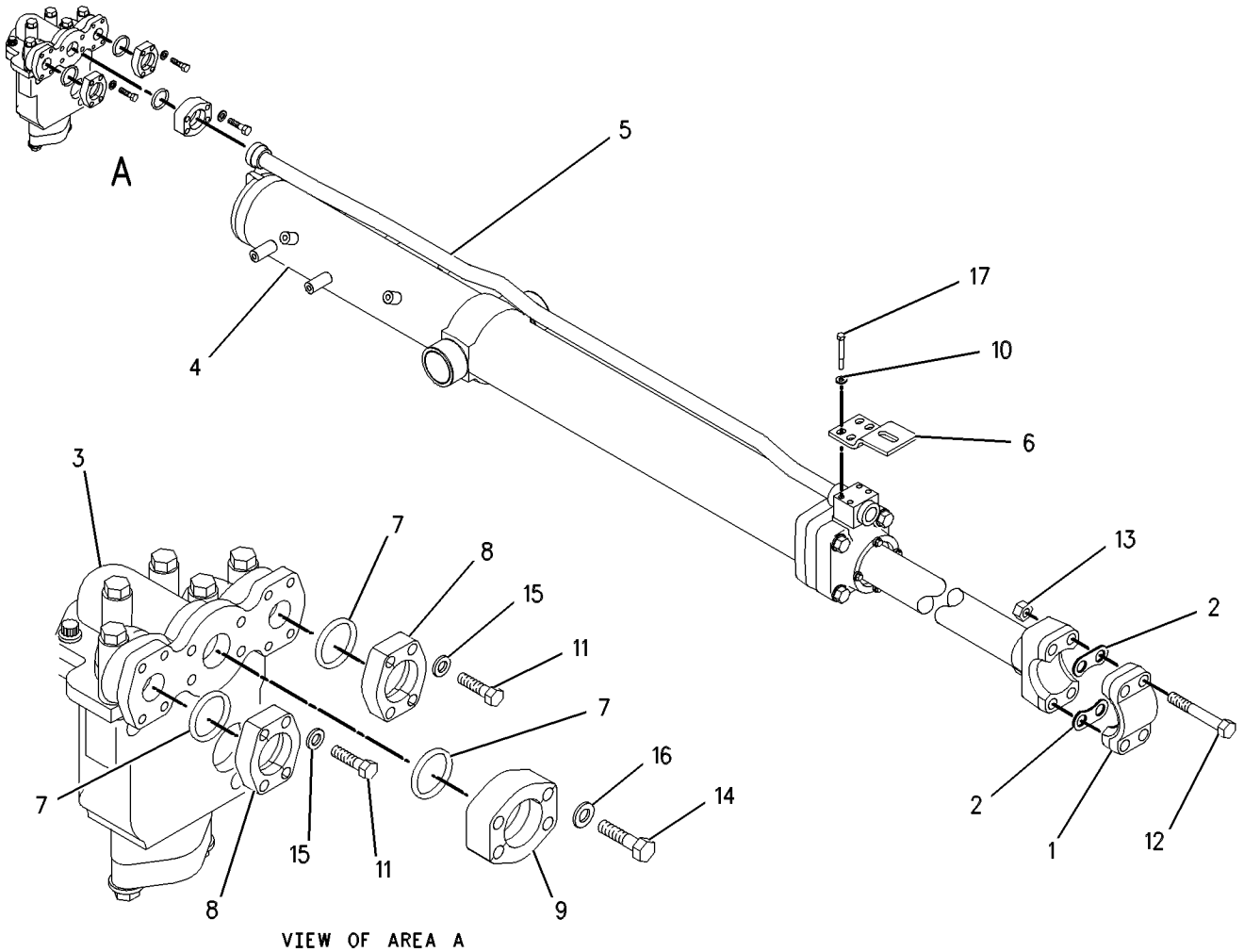
PIN 2KZ1-UP

PART OF 152-9757 CYLINDER & MTG GP-LIFT

SMCS-5102, 5110 **i01229283**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3G-0910**	1	CAP-BEARING	
B	2	1	**3G-0911**	12	SHIM (.8MM THK)	
Y	3	1	**4T-4204**	1	VALVE GP-QUICK-DROP	539
Y	4	1	**4Z-6424**	1	CYLINDER GP-LIFT	476
	5	1	**7G-4844**	1	TUBE AS	
	6	1	**7T-4890**	1	PLATE	
	7	1	**1P-3704**	3	SEAL-RECTANGULAR (38.2MM ID)	
	8	1	**1P-4577**	4	FLANGE-HALF	
	9	1	**1P-5761**	2	FLANGE-HALF	
	10	1	**5P-1075**	4	WASHER-HARD (3MM THK)	
	11	1	**5S-7382**	8	BOLT (3/8 X 16 X 1.375 IN)	
	12	1	**7X-0392**	4	BOLT (7/8-9X6IN)	
	13	1	**7X-0449**	4	NUT-FULL (7/8-9 THD)	
	14	1	**8C-6877**	4	BOLT (7/16-14X1.75IN)	
	15	1	**8T-4896**	8	WASHER-HARD (2.5MM THK)	
	16	1	**8T-5360**	4	WASHER (2.5MM THK)	
	17	1	**8T-7008**	4	BOLT (3/8-16X3IN)	

B-USE AS REQUIRED
Y-SEPARATE ILLUSTRATION



VIEW OF AREA A

GRAPHIC #1 g00470156

MEMORANDA

4Z-6424 CYLINDER GP-LIFT

PIN 2KZ1-UP

133.35 MM (5.25 IN) BORE X 1535 MM (60.4 IN) STROKE

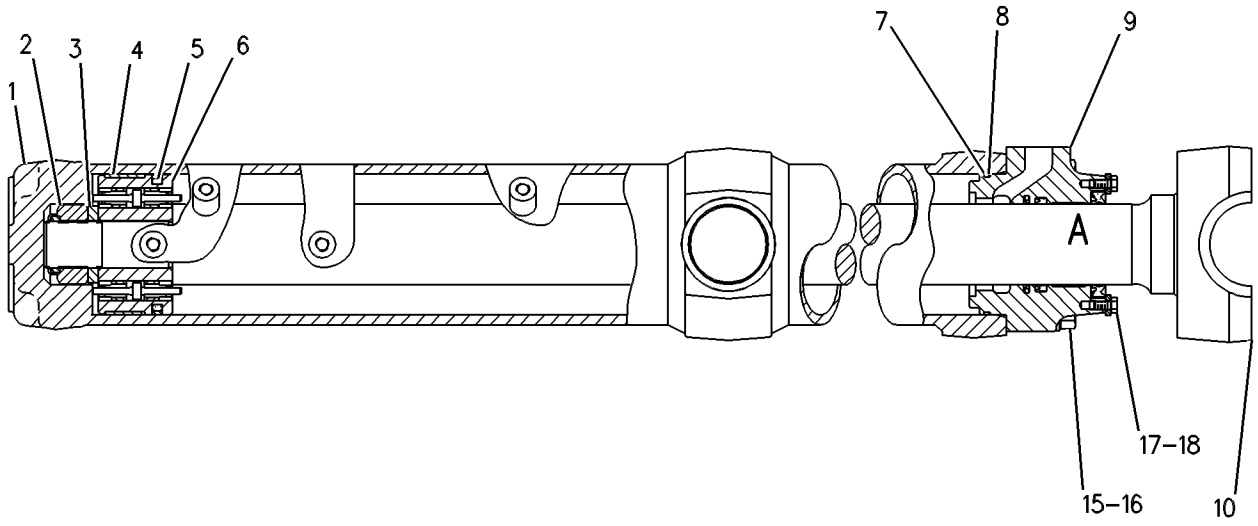
PART OF 153-1777, 153-1778 CYLINDER & VALVE GP-LIFT

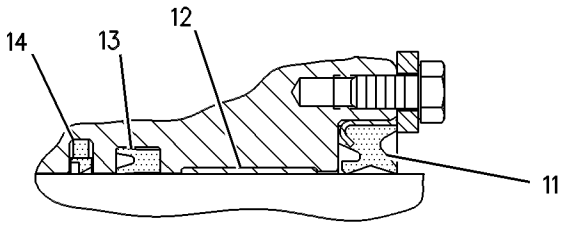
SMCS-5102 **i00760639**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
R	1	1	**3G-8194**	1	CYLINDER AS	
		1	**5J-1192**	2	BEARING-SLEEVE	
	2	1	**5J-5731**	1	LOCKNUT	
	3	1	**3G-8191**	1	WASHER	
	4	1	**9J-7978**	1	RING-WEAR	
	5	1	**8T-0763**	1	SEAL AS	
	6	1	**4Z-6423**	1	PISTON AS	
		1	**4Z-6422**	4	INSERT	
		1	**5J-2528**	2	PLUNGER	
	7	1	**5F-3106**	1	SEAL-O-RING (126.59MM ID)	
	8	1	**2J-7767**	1	RING-BACKUP	
	9	1	**106-6267**	1	HEAD	
R	10	1	**4T-0406**	1	ROD AS	
	11	1	**8C-5218**	1	SEAL-LIP	
	12	1	**9T-0094**	1	RING-WEAR	
	13	1	**5J-8300**	1	SEAL-U-CUP	
	14	1	**8C-9126**	1	SEAL AS	
	15	1	**1D-4610**	4	BOLT (3/4-10X3.25IN)	
	16	1	**5P-8248**	4	WASHER-HARD (3.5MM THK)	
	17	1	**2H-3755**	4	BOLT (5/16-18X.625IN)	
	18	1	**7S-6369**	4	WASHER (4.8MM THK)	

R-REMFG PART MAY BE AVAILABLE

4Z-6424 CYLINDER GP-LIFT *(contd.)* i00760639





VIEW OF AREA A

GRAPHIC #1 g00345268

6E-4835 CYLINDER GP-TILT

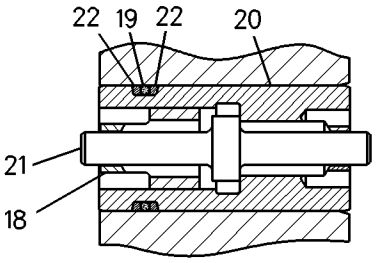
PIN 2KZ1-UP
209.55 MM (8.25 IN) BORE X 188 MM (7.4 IN) STROKE
PART OF 149-5957 PUSH ARM GP
ALSO AN ATTACHMENT

SMCS-5104 **i01230582**

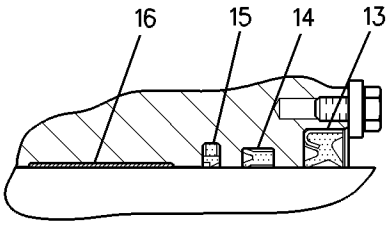
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
R	1	1	**6E-4858**	1	CYLINDER AS-LH	
	2	1	**1U-2182**	2	BEARING-SLEEVE	
	3	1	**4J-7376**	1	RING-WEAR	
	4	1	**8T-1793**	1	SEAL AS	
	5	1	**8T-8382**	1	SEAL-HEAD	
	6	1	**9T-1878**	2	WASHER	
	7	1	**8J-4386**	1	SEAL-O-RING (199.39 MM ID)	
	8	1	**3G-3747**	1	RING-BACKUP	
	9	1	**9T-5283**	1	HEAD	
	10	1	**4J-6888**	1	LOCKNUT	
	11	1	**5M-0544**	6	BOLT (1 1/8-7X4.5IN)	
		1	**3S-1349**	6	WASHER (6.0MM THK)	
	12	1	**2H-3755**	4	BOLT (5/16-18X0.62 IN)	
		1	**7S-6369**	4	WASHER (4.8MM THK)	
	13	1	**8C-5219**	1	SEAL-LIP	
	14	1	**5J-8350**	1	SEAL (88.9MM ID)	
	15	1	**8C-9127**	1	SEAL AS	
	16	1	**8T-3329**	1	RING-WEAR	
	17	1	**122-9350**	1	PISTON AS	
	18	1	**1J-8569**	2	INSERT-PISTON	
	19	1	**2H-3932**	2	SEAL (28.17MM ID)	
	20	1	**109-4670**	2	INSERT	
	21	1	**122-9351**	2	PLUNGER	
	22	1	**3K-8692**	4	RING-BACKUP	
R	23	1	**6E-4859**	1	ROD AS	
	24	1	**6V-3340**	1	BEARING-SPHERICAL	
		1	**5J-9454**	1	RING-RETAINING	
	25	1	**3B-8489**	1	FITTING-GREASE (1/8-27 THD)	

R-REMFG PART MAY BE AVAILABLE

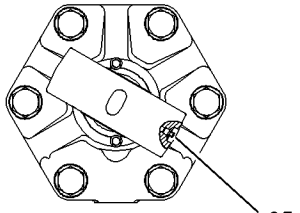
6E-4835 CYLINDER GP-TILT *(contd.)* i01230582



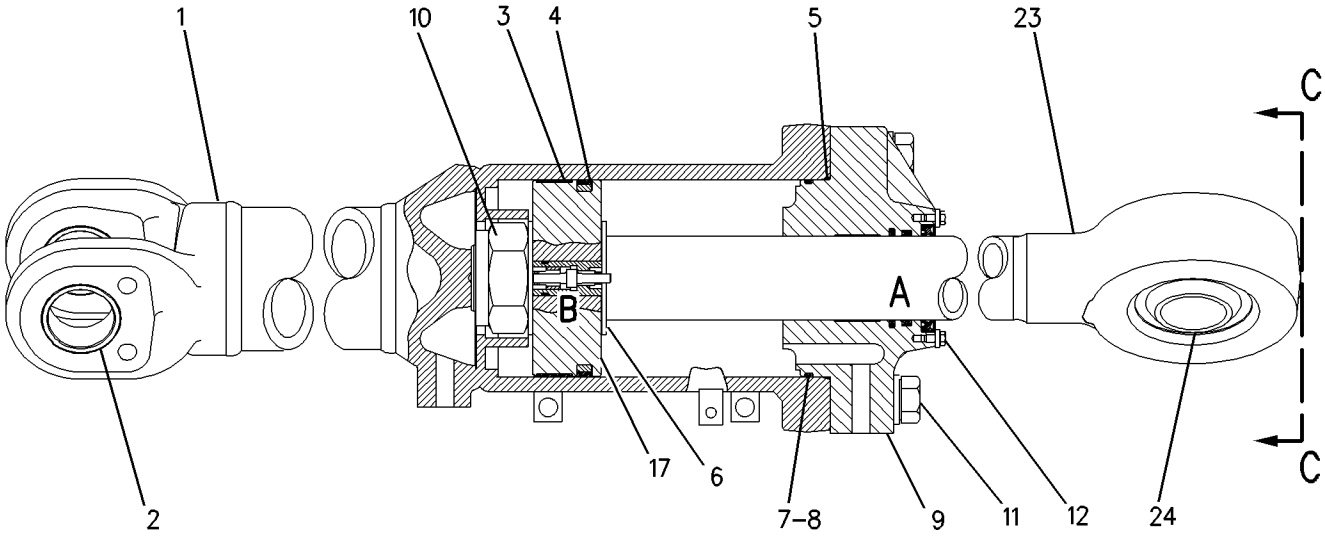
VIEW OF AREA B



VIEW OF AREA A



VIEW C-C



GRAPHIC #1 g00662225

6E-4836 CYLINDER GP-TILT

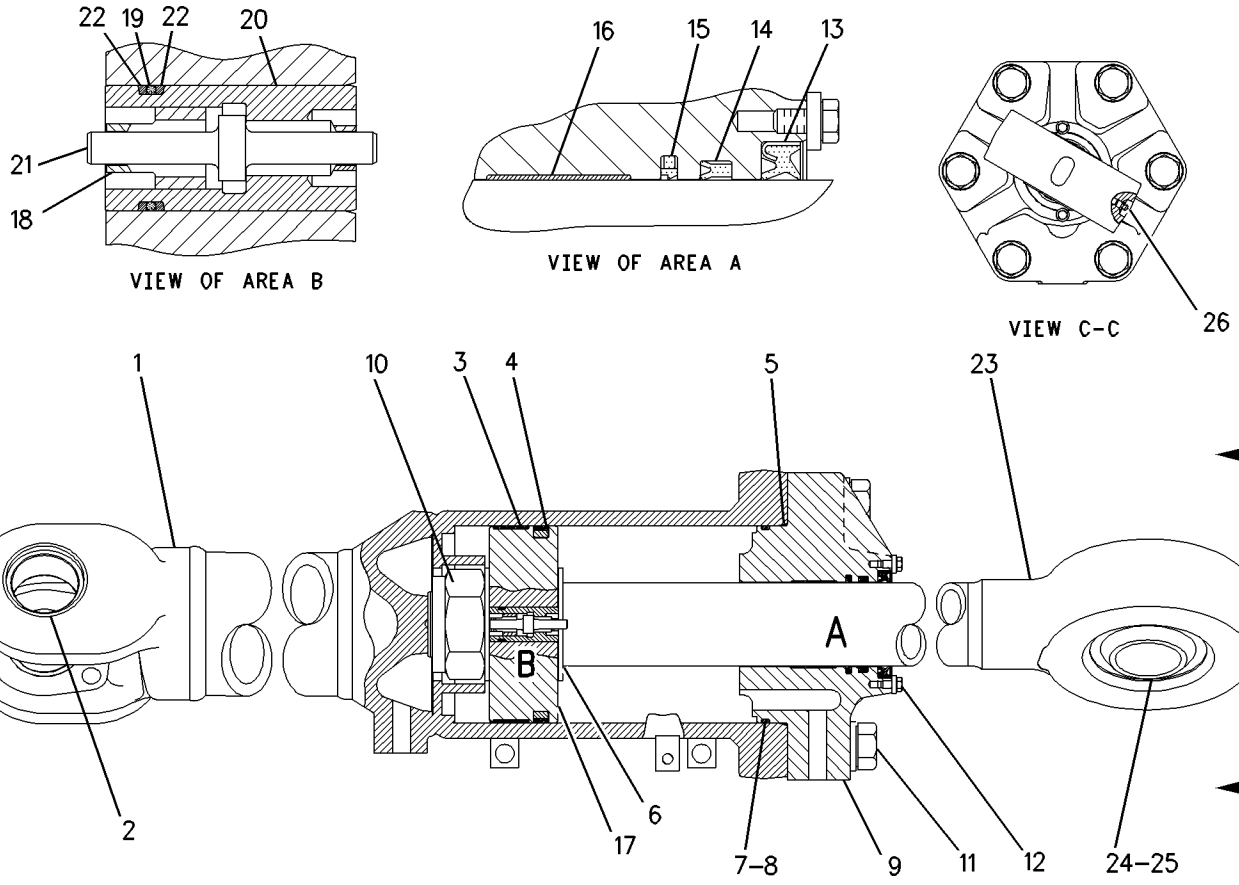
PIN 2KZ1-UP
209.55 MM (8.25 IN) BORE X 188 MM (7.4 IN) STROKE
PART OF 149-5956 PUSH ARM GP
ALSO AN ATTACHMENT

SMCS-5104 **i01230546**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
R	1	1	**6E-4857**	1	CYLINDER AS-RH	
	2	1	**1U-2182**	2	BEARING-SLEEVE	
	3	1	**4J-7376**	1	RING-WEAR	
	4	1	**8T-1793**	1	SEAL AS	
	5	1	**8T-8382**	1	SEAL-HEAD	
	6	1	**9T-1878**	2	WASHER	
	7	1	**8J-4386**	1	SEAL-O-RING (199.39 MM ID)	
	8	1	**3G-3747**	1	RING-BACKUP	
	9	1	**9T-5283**	1	HEAD	
	10	1	**4J-6888**	1	LOCKNUT	
	11	1	**5M-0544**	6	BOLT (1 1/8-7X4.5IN)	
		1	**3S-1349**	6	WASHER (6.0MM THK)	
	12	1	**2H-3755**	4	BOLT (5/16-18X0.62 IN)	
		1	**7S-6369**	4	WASHER (4.8MM THK)	
	13	1	**8C-5219**	1	SEAL-LIP	
	14	1	**5J-8350**	1	SEAL (88.9MM ID)	
	15	1	**8C-9127**	1	SEAL AS	
	16	1	**8T-3329**	1	RING-WEAR	
	17	1	**122-9350**	1	PISTON AS	
	18	1	**1J-8569**	2	INSERT-PISTON	
	19	1	**2H-3932**	2	SEAL (28.17MM ID)	
	20	1	**109-4670**	2	INSERT	
	21	1	**122-9351**	2	PLUNGER	
	22	1	**3K-8692**	4	RING-BACKUP	
R	23	1	**6E-4859**	1	ROD AS	
	24	1	**6V-3340**	1	BEARING-SPHERICAL	
	25	1	**5J-9454**	1	RING-RETAINING	
	26	1	**3B-8489**	1	FITTING-GREASE (1/8-27 THD)	

R-REMFG PART MAY BE AVAILABLE

6E-4836 CYLINDER GP-TILT *(contd.)* i01230546



GRAPHIC #1 g00662282

146-0776 HANDLE GP-HYDRAULIC CONTROL

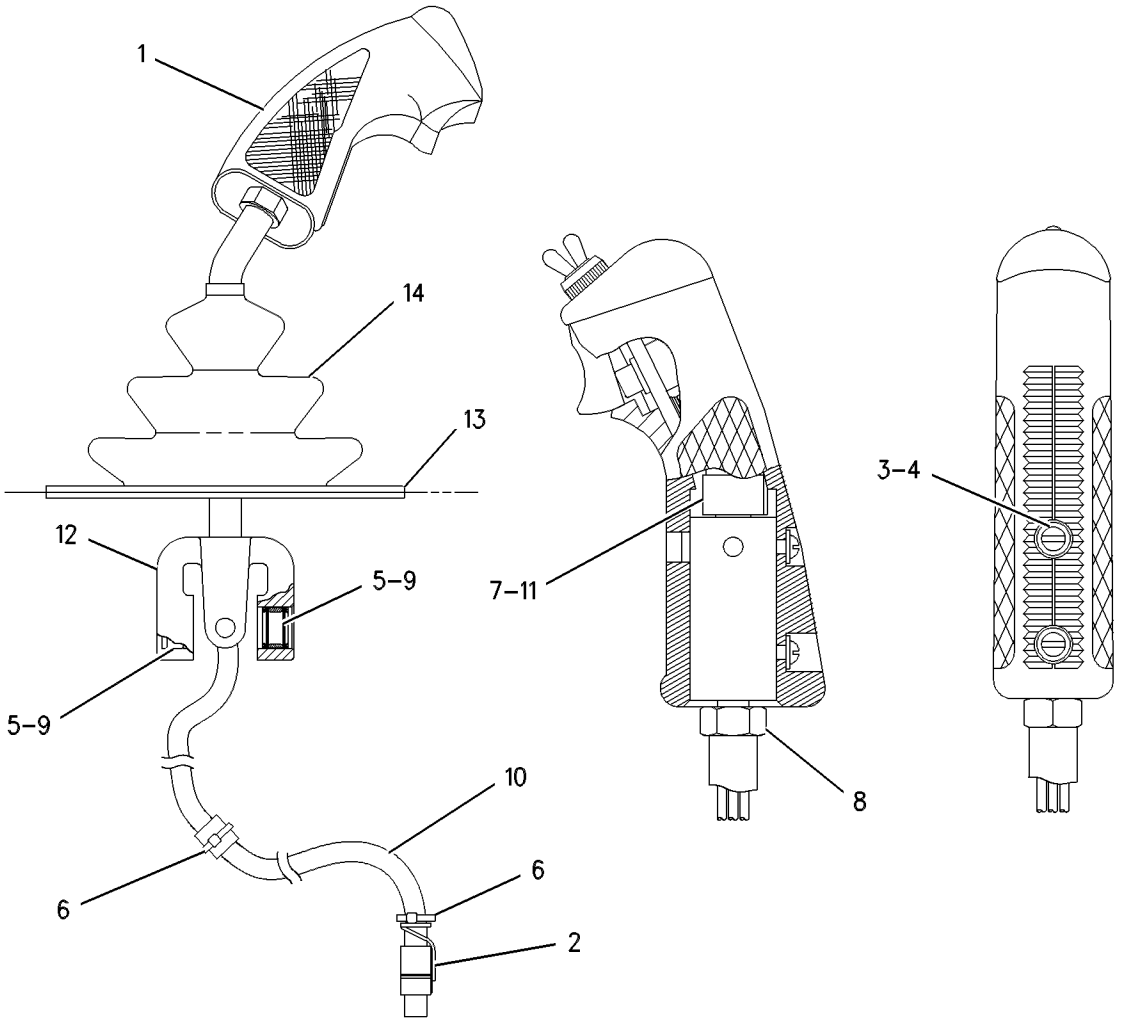
PIN 2KZ1-UP

PART OF 153-3958 CAB AR

SMCS-5705 **i01185435**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**3E-8680**	1	SWITCH GP-HANDLE	216
	2	1	**3T-3045**	1	CLIP AS (12MM ID)	
	3	1	**4B-1220**	2	SCREW-MACHINE	
	4	1	**4B-4863**	2	WASHER (1.2MM THK)	
	5	1	**4J-3044**	2	BEARING-NEEDLE	
	6	1	**7K-1181**	2	STRAP-CABLE (4IN DIA)	
	7	1	**7N-7781**	1	HOUSING-RECEPTACLE	
	8	1	**1D-5118**	1	NUT-JAM (5/8-11 THD)	
	9	1	**8T-0741**	4	SEAL-LIP (15.88MM ID)	
	10	1	**9W-0793**	1	HARNESS AS	
	11	1	**9W-2381**	1	ADAPTER	
	12	1	**161-8226**	1	LEVER AS	
	13	1	**146-0777**	1	PLATE	
	14	1	**146-0778**	1	BOOT	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00372454

HYDRAULIC SYSTEM

152-9753 HYDRAULIC AR

PIN 2KZ294-UP

PART OF 152-9751 GENERAL AR

SMCS-5051 **i01012949**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*152-9757*	1	CYLINDER & MTG GP-LIFT	472
Y	*8R-5663*	1	CYLINDER & MTG GP-STEERING	405
Y	*152-9758*	1	LINES GP-HYDRAULIC	484
Y	*4E-9659*	1	LINES GP-HYDRAULIC FAN DRIVE	488
Y	*8R-5670*	1	LINES GP-HYDRAULIC OIL COOLER	494
Y	*3Q-6232*	1	LINES GP-PILOT	498
Y	*8R-5668*	1	LINES GP-STEERING	414
Y	*152-9759*	1	LINES GP-LIFT CYLINDER	496
Y	*152-9760*	1	LINES GP-TILT CYLINDER	502
Y	*152-9761*	1	PUMP & MTG GP-IMPLEMENT	510
Y	*8R-5676*	1	PUMP & MTG GP-PILOT & BRAKE	511
Y	*8R-5678*	1	PUMP & MTG GP-STER & FAN DRIVE	418
Y	*8R-5673*	1	TANK & MTG GP-HYDRAULIC	524
Y	*8R-5674*	1	TANK & MTG GP-HYDRAULIC	525
Y	*8R-5680*	1	VALVE & LINES GP-STEERING NEUT	432
Y	*152-9762*	1	VALVE & MTG GP-CONTROL	526
Y	*152-9763*	1	VALVE & MTG GP-TILT & TIP CONT	527

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

152-9758 LINES GP-HYDRAULIC

PIN 2KZ1-UP

PART OF 152-9753 HYDRAULIC AR

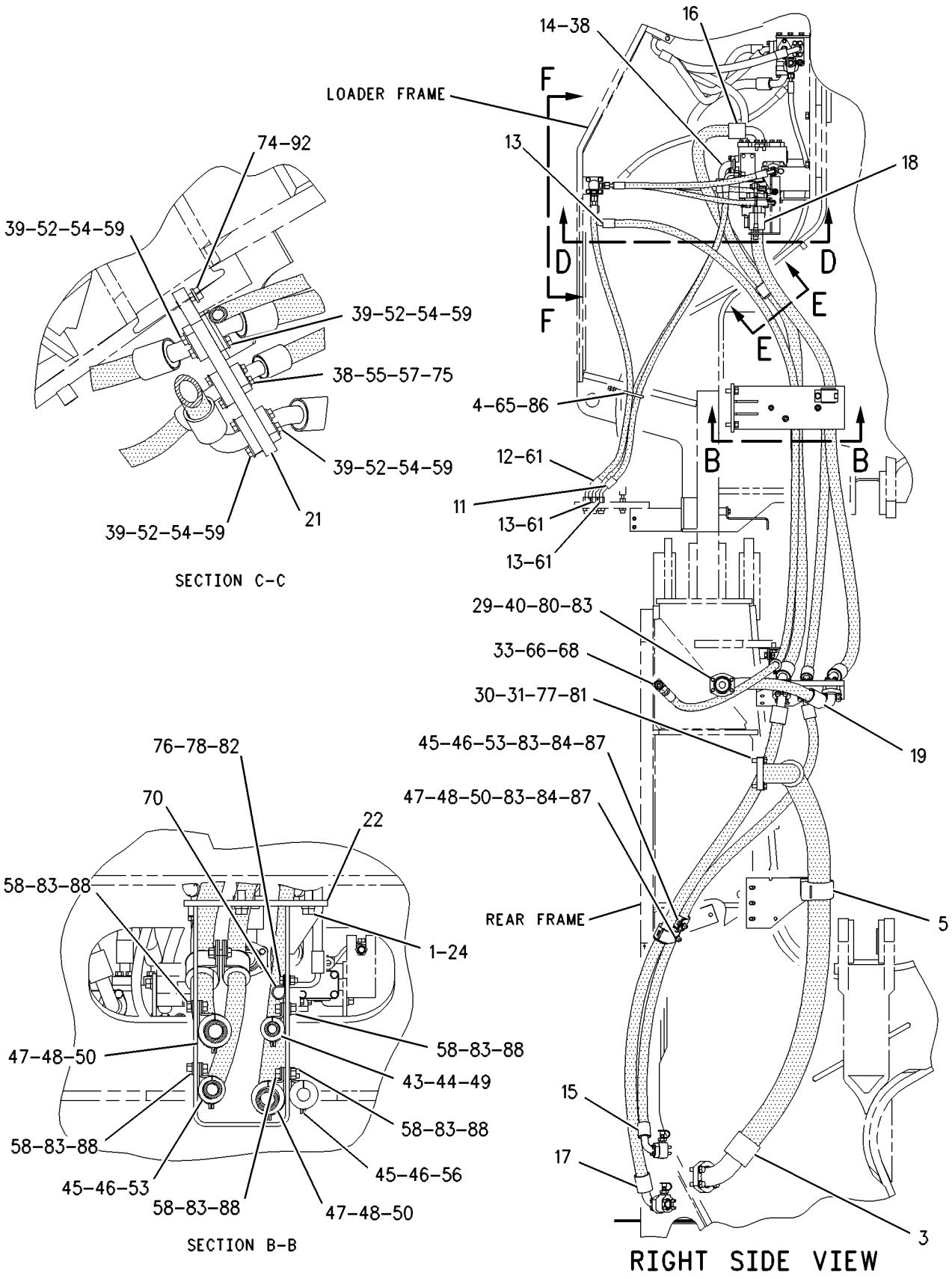
SMCS-5057 **i01229285**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3B-4510**	4	LOCKWASHER	
	2	2	**4E-7789**	1	CLAMP-HALF	
	3	1	**4E-8286**	1	HOSE AS	
	4	1	**5V-9354**	1	U-BOLT	
	5	1	**7I-3711**	1	CLAMP-HALF	
	6	2	**7V-8532**	1	SPACER	
	7	2	**9P-2390**	1	BLOCK-GAUGE TAP	
I	8	2	**152-7737**	1	HOSE AS	
I	9	2	**152-7739**	1	HOSE AS	
I	10	2	**152-7740**	1	HOSE AS	
I	11	1	**152-7743**	2	HOSE AS	
I	12	1	**152-7744**	1	HOSE AS	
I	13	1	**152-7750**	1	HOSE AS	
I	14	1	**152-7761**	1	HOSE AS	
I	15	1	**152-7762**	1	HOSE AS	
I	16	1	**152-7763**	1	HOSE AS	
I	17	1	**152-7764**	1	HOSE AS	
I	18	1	**152-7765**	1	HOSE AS	
I	19	1	**152-7766**	1	HOSE AS	
	20	2	**152-9749**	1	BRACKET	
	21	1	**152-9766**	1	PLATE-ADAPTER	
	22	1	**152-9767**	1	SUPPORT	
	23	2	**152-9768**	1	BRACKET	
	24	1	**0S-1566**	4	BOLT (5/8-11X1.5IN)	
	25	2	**0S-1588**	8	BOLT (3/8-16X1.25IN)	
	26	2	**1F-7958**	1	NUT-FULL (1/2-13 THD)	
	27	2	**1P-4577**	2	FLANGE-HALF	
	28	2	**1P-4578**	4	FLANGE-HALF	
	29	1	**1P-4582**	2	FLANGE-HALF	
	30	1,2	**1P-4585**	4	FLANGE-HALF	
	31	1,2	**2H-6338**	2	SEAL-O-RING (85.32MM ID)	
	32	2	**2M-9780**	1	SEAL-O-RING (19.18MM ID)	
	33	1,2	**3D-2824**	2	SEAL-O-RING (23.47MM ID)	
	34	2	**3H-5368**	4	BOLT (7/16-14X1.375IN)	
	35	2	**3J-1907**	4	SEAL-O-RING (11.89MM ID)	
	36	2	**3J-7354**	1	SEAL-O-RING (8.92MM ID)	
	37	2	**3K-0360**	11	SEAL-O-RING (16.36MM ID)	
	38	1,2	**4J-0520**	5	SEAL-O-RING (32.92MM ID)	
	39	1,2	**4J-0522**	8	SEAL-O-RING (37.69MM ID)	
	40	1	**4J-0527**	1	SEAL-O-RING (56.74MM ID)	
	41	2	**5M-2894**	12	WASHER (2.5MM THK)	
	42	2	**5P-6944**	2	ADAPTER-STRAIGHT THREAD	
	43	1,2	**5P-7466**	2	CLIP (SLOT)	
	44	1,2	**5P-7467**	2	CLIP (TAB)	
	45	1,2	**5P-7468**	4	CLIP (SLOT)	
	46	1,2	**5P-7469**	4	CLIP (TAB)	
	47	1,2	**5P-7470**	4	CLIP (SLOT)	
	48	1,2	**5P-7471**	4	CLIP (TAB)	
	49	1,2	**5P-8112**	2	GROMMET	
	50	1,2	**5P-8182**	4	GROMMET	
	51	2	**5P-8244**	8	WASHER (2.5MM THK)	
	52	1	**5P-8245**	16	WASHER-HARD (3MM THK)	
	53	1,2	**5P-8444**	3	GROMMET	
	54	1	**6V-0397**	8	FLANGE-HALF	
M	55	1	**6V-3822**	8	BOLT (M10X1.5X35MM)	
	56	1	**6V-4349**	1	GROMMET	

152-9758 LINES GP-HYDRAULIC *(contd.)* i01229285

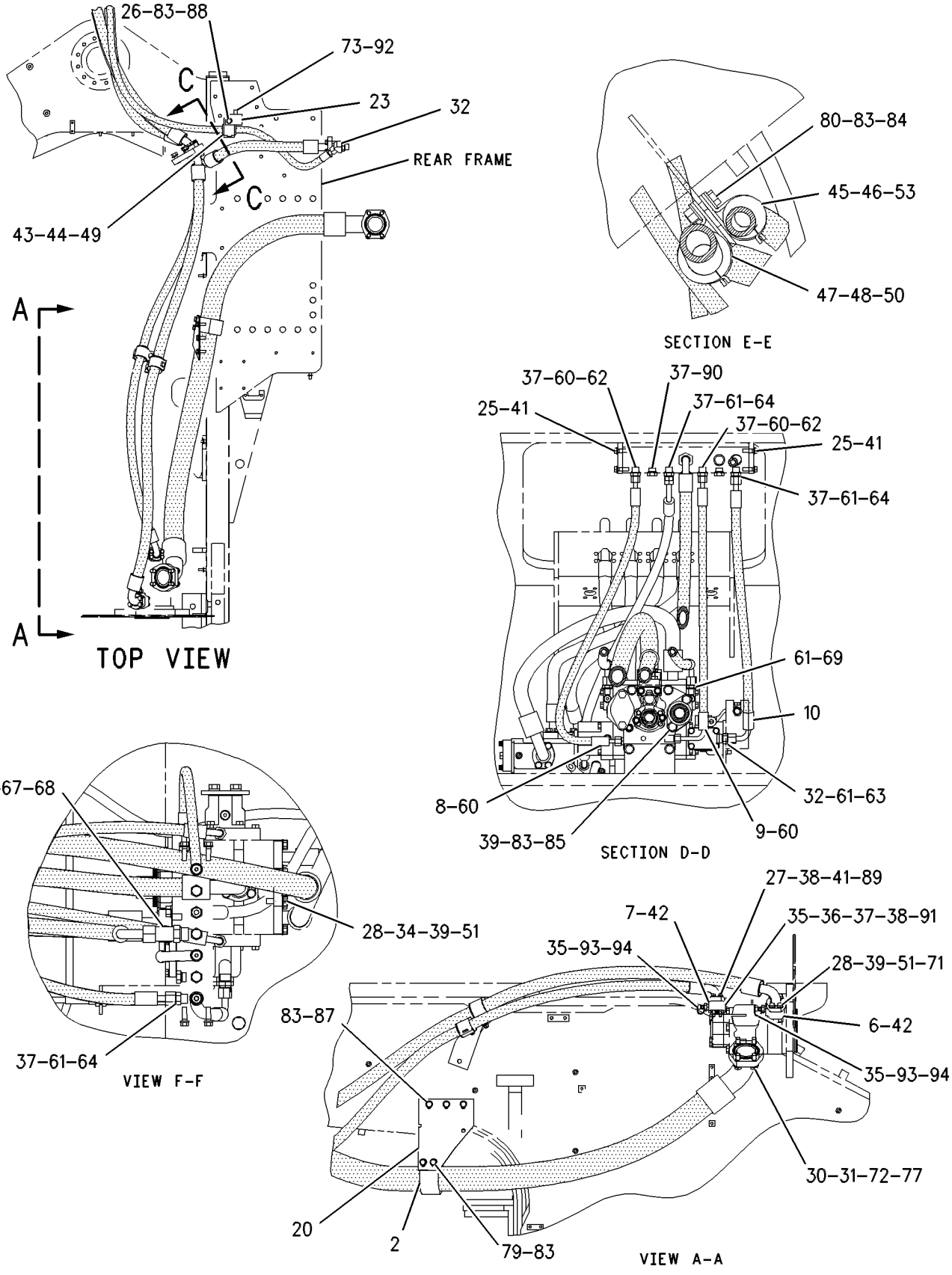
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	57	1	**6V-5839**	8	WASHER (2.5MM THK)	
	58	1	**6V-8188**	5	NUT (1/2-13 THD)	
M	59	1	**6V-8197**	16	BOLT (M12X1.75X40MM)	
	60	2	**6V-8397**	4	SEAL-O-RING (9.27MM ID)	
	61	1,2	**6V-8398**	9	SEAL-O-RING (12.47MM ID)	
	62	2	**6V-8634**	2	CONNECTOR-ORFS TO O-RING PORT (ORFS 11/16-16; PORT 9/16-18)	
	63	2	**6V-8638**	1	CONNECTOR-SEAL (7/8-14 THD)	
	64	2	**6V-8639**	3	CONNECTOR-SEAL	
	65	1	**6V-8801**	4	NUT (3/8-16 THD)	
	66	1	**6V-9004**	1	ELBOW-45 DEGREE (1 1/16-12 THD)	
	67	2	**6V-9162**	1	CONNECTOR	
	68	1,2	**6V-9746**	2	SEAL-O-RING (18.94MM ID)	
	69	2	**6V-9873**	2	CONNECTOR (ORFS)	
	70	1	**7C-4354**	1	CLIP (25.40MM ID)	
	71	2	**7X-0313**	4	BOLT (7/16-14X2.75IN)	
	72	2	**7X-0346**	4	BOLT (5/8-11X2IN)	
M	73	2	**7X-2552**	1	BOLT (M16X2.0X30MM)	
M	74	1	**7X-2553**	3	BOLT (M16X2.0X40MM)	
	75	1	**8C-3206**	4	FLANGE-HALF	
	76	1	**8T-4121**	2	WASHER-HARD (2.5MM THK)	
	77	1,2	**8T-4122**	8	WASHER (3.5MM THK)	
M	78	1	**8T-4133**	1	NUT (M10X1.50 THD)	
M	79	2	**8T-4176**	2	BOLT (M12X1.75X90MM)	
M	80	1,2	**8T-4183**	5	BOLT (M12X1.75X40 MM)	
M	81	1	**8T-4193**	4	BOLT (M16X2.0X50MM)	
M	82	1	**8T-4195**	1	BOLT (M10X1.50X30MM)	
	83	1,2	**8T-4223**	29	WASHER-HARD (3MM THK)	
M	84	1,2	**8T-4244**	3	NUT (M12X1.75 THD)	
	85	2	**8T-4835**	2	BOLT (1/2-13X2.0 IN)	
	86	1	**8T-4896**	4	WASHER-HARD (2.5MM THK)	
M	87	1,2	**8T-4956**	5	BOLT (M12X1.75X35MM)	
	88	1,2	**8T-8917**	6	BOLT (1/2-13X1.25IN)	
	89	2	**8T-9101**	4	BOLT (3/8-16X2.75IN)	
	90	2	**9S-4185**	4	PLUG-O-RING (3/4-16 THD)	
	91	2	**9S-8002**	1	PLUG-O-RING (7/16-20 THD)	
	92	1,2	**9X-8257**	4	WASHER (3.50MM THK)	
	93	2	**6V-3965**	2	FITTING AS	
	94	2	**6V-0852**	2	CAP-DUST	

I-SEE HOSE FABRICATION GUIDE
M-METRIC PART



GRAPHIC #1

g00393926



GRAPHIC #2 g00394439

HYDRAULIC SYSTEM

4E-9659 LINES GP-HYDRAULIC FAN DRIVE

PIN 2KZ1-299

PART OF 152-9753 HYDRAULIC AR

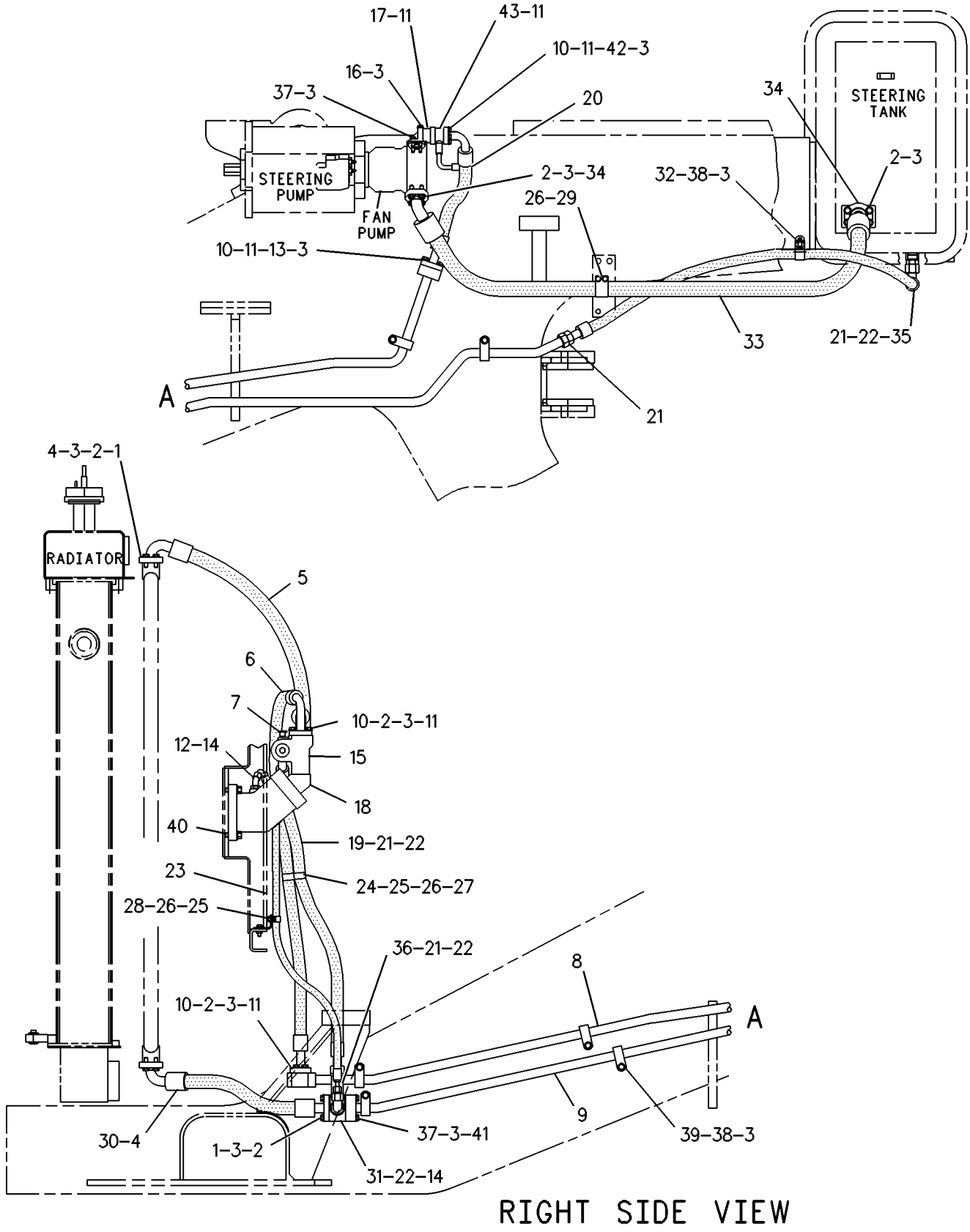
SMCS-1386, 1387, 5057 **i01250423**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1P-4579**	6	FLANGE-HALF	
M	2	1	**8T-4183**	32	BOLT (M12X1.75X40 MM)	
	3	1	**8T-4223**	55	WASHER-HARD (3MM THK)	
	4	1	**4J-0524**	3	SEAL-O-RING (47.22MM ID)	
I	5	1	**9U-2036**	1	HOSE AS	
I	6	1	**9U-2005**	1	HOSE AS	
	7	1	**8C-3446**	1	VALVE-FLUID SAMPLING	
		1	**6V-0852**	1	CAP-DUST (HYDRAULIC TEST PORT)	
		1	**3J-7354**	1	SEAL-O-RING (8.92MM ID)	
	8	1	**9U-2006**	1	TUBE AS	
	9	1	**9U-2007**	1	TUBE AS	
	10	1	**6V-0397**	10	FLANGE-HALF	
	11	1	**4J-0522**	7	SEAL-O-RING (37.69MM ID)	
	12	1	**6V-8624**	1	ELBOW	
		1	**2M-9780**	1	SEAL-O-RING (19.18MM ID)	
M	13	1	**8T-4956**	4	BOLT (M12X1.75X35MM)	
	14	1	**6V-8398**	2	SEAL-O-RING (12.47MM ID)	
Y	15	1	*101-9012*	1	VALVE GP-MAKEUP	536
					(PREVENTS FAN MOTOR CAVITATION)	
M		1	**8T-7058**	8	BOLT-SOCKET HEAD (M12X1.75X140MM)	
		1	**4J-5573**	2	SEAL-O-RING (40.87MM ID)	
M	16	1	**8T-6868**	2	BOLT (M12X1.75X80MM)	
	17	1	**8X-4886**	1	ELBOW	
Y	18	1	**6E-4576**	1	MOTOR GP-PISTON (FAN DRIVE)	505
I	19	1	**9U-2704**	1	HOSE AS	
		1	**6V-9005**	1	ELBOW-45 DEGREE	
I	20	1	**9U-2004**	1	HOSE AS	
	21	1	**5K-9090**	4	SEAL-O-RING (23.52MM ID)	
	22	1	**7M-8485**	4	SEAL-O-RING (29.74MM ID)	
I	23	1	**5T-9722**	1	HOSE AS	
	24	1	**7D-7233**	2	CLIP (38.1MM ID)	
M	25	1	**8T-4196**	3	BOLT (M10X1.50X35MM)	
	26	1	**8T-4121**	8	WASHER-HARD (2.5MM THK)	
M	27	1	**8T-4133**	1	NUT (M10X1.50 THD)	
	28	1	**9U-1371**	1	BRACKET AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5 THD)	
		1	**9X-8250**	1	CLIP (SLOT)	
	29	1	**5V-1319**	2	CLAMP-HALF	
M		1	**8T-4198**	2	BOLT (M10X1.50X100MM)	
I	30	1	**9U-2037**	1	HOSE AS	
	31	1	**9U-1381**	1	MANIFOLD	
		1	**6V-9746**	1	SEAL-O-RING (18.94MM ID)	
		1	**6V-9182**	1	ELBOW (FACE SEAL)	
		1	**6V-8942**	1	REDUCER-O-RING (FACE)	
		1	**6V-8556**	1	NUT (1 3/16-12 THD)	
	32	1	**8C-7534**	1	CLIP (34.92MM ID)	
I	33	1	**114-5242**	1	HOSE AS	
	34	1	**1P-4582**	4	FLANGE-HALF	
		1	**4J-0527**	2	SEAL-O-RING (56.74MM ID)	
I	35	1	**9U-2078**	1	HOSE AS	
		1	**6V-8635**	1	CONNECTOR-SEAL	
	36	1	**6E-1454**	1	VALVE GP-CHECK (COOLER BYPASS)	
M	37	1	**8T-4910**	6	BOLT (M12X1.75X60MM)	
M	38	1	**8T-4139**	7	BOLT (M12X1.75X30MM)	
	39	1	**6K-4935**	6	BRACKET	
		1	**6K-4934**	6	CLIP	

4E-9659 LINES GP-HYDRAULIC FAN DRIVE *(contd.)* i01250423

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	40	1	**8T-7338**	4	BOLT (M16X2.0X45MM)	
		1	**9X-8257**	4	WASHER (3.50MM THK)	
	41	1	**1P-3705**	1	SEAL-RECTANGULAR (44.7MM ID)	
M	42	1	**8T-4648**	4	BOLT (M12X1.75X70MM)	
	43	1	**7V-8532**	1	SPACER	

I-SEE HOSE FABRICATION GUIDE
M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00120294

MEMORANDA

HYDRAULIC SYSTEM

4E-9659 LINES GP-HYDRAULIC FAN DRIVE

PIN 2KZ300-UP

PART OF 152-9753 HYDRAULIC AR

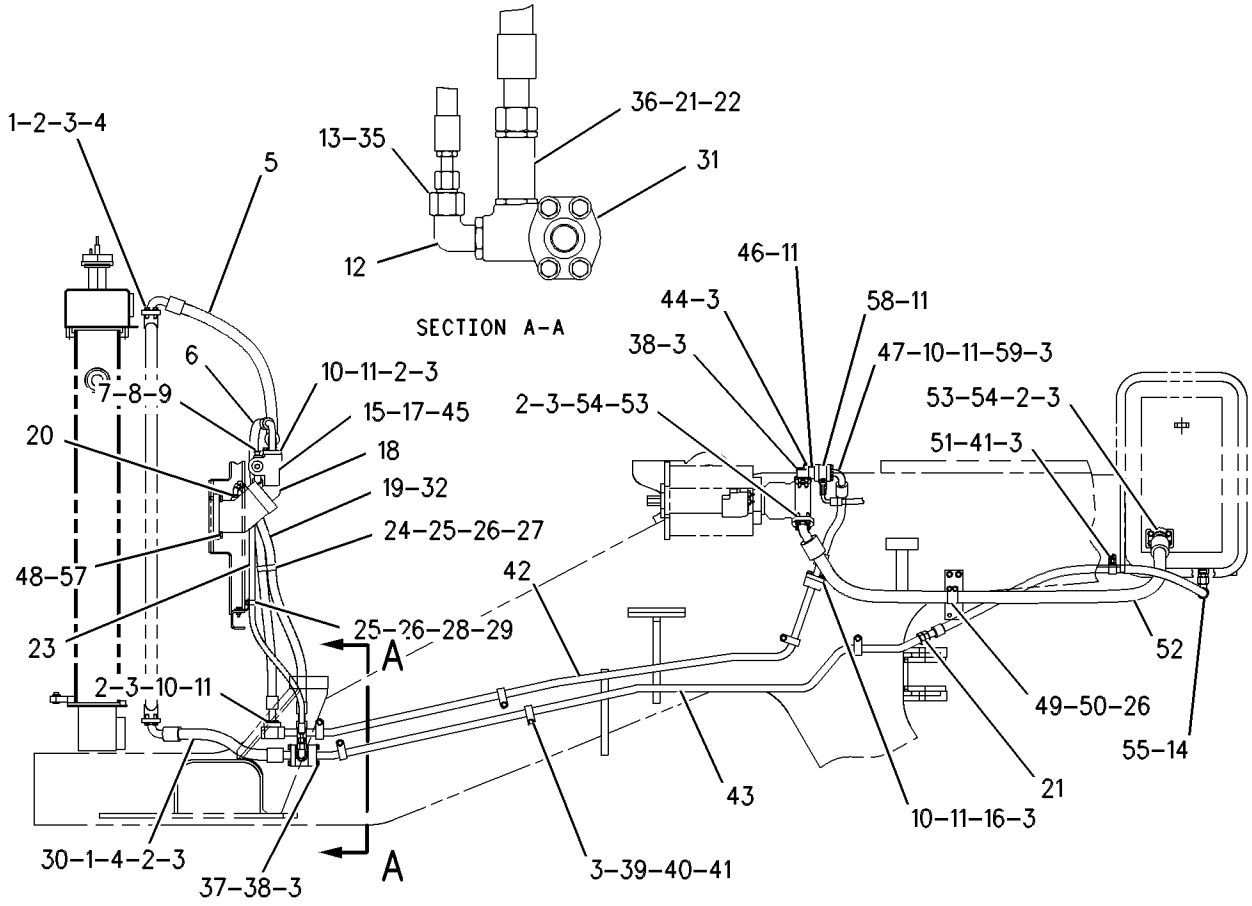
SMCS-1386, 1387, 5057 **i01250427**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1P-4579**	6	FLANGE-HALF	
M	2	1	**8T-4183**	32	BOLT (M12X1.75X40 MM)	
	3	1	**8T-4223**	55	WASHER-HARD (3MM THK)	
	4	1	**4J-0524**	3	SEAL-O-RING (47.22MM ID)	
I	5	1	**9U-2036**	1	HOSE AS	
I	6	1	**9U-2005**	1	HOSE AS	
	7	1	**8C-3446**	1	VALVE-FLUID SAMPLING	
	8	1	**6V-0852**	1	CAP-DUST (HYDRAULIC TEST PORT)	
	9	1	**3J-7354**	1	SEAL-O-RING (8.92MM ID)	
	10	1	**6V-0397**	10	FLANGE-HALF	
	11	1	**4J-0522**	7	SEAL-O-RING (37.69MM ID)	
	12	1	*148-8360*	1	ELBOW AS	
		1	**6V-9182**	1	ELBOW (FACE SEAL)	
		1	**6V-9746**	1	SEAL-O-RING (18.94MM ID)	
		1	**7M-8485**	1	SEAL-O-RING (29.74MM ID)	
	13	1	*148-8418*	1	REDUCER AS-O-RING	
		1	**6V-8942**	1	REDUCER-O-RING (FACE)	
		1	**6V-8398**	1	SEAL-O-RING (12.47MM ID)	
	14	1	*148-8335*	1	CONNECTOR AS	
		1	**6V-8635**	1	CONNECTOR-SEAL	
		1	**5K-9090**	1	SEAL-O-RING (23.52MM ID)	
		1	**7M-8485**	1	SEAL-O-RING (29.74MM ID)	
Y	15	1	*101-9012*	1	VALVE GP-MAKEUP	536
					(PREVENTS FAN MOTOR CAVITATION)	
M	16	1	**8T-4956**	4	BOLT (M12X1.75X35MM)	
M	17	1	**8T-7058**	8	BOLT-SOCKET HEAD (M12X1.75X140MM)	
CY	18	1	**159-7166**	1	MOTOR GP-PISTON (FAN DRIVE)	506
I	19	1	**9U-2704**	1	HOSE AS	
	20	1	*148-8358*	1	ELBOW AS	
		1	**6V-8624**	1	ELBOW	
		1	**6V-8398**	1	SEAL-O-RING (12.47MM ID)	
		1	**2M-9780**	1	SEAL-O-RING (19.18MM ID)	
	21	1	**5K-9090**	2	SEAL-O-RING (23.52MM ID)	
	22	1	**7M-8485**	1	SEAL-O-RING (29.74MM ID)	
I	23	1	**5T-9722**	1	HOSE AS	
	24	1	**7D-7233**	2	CLIP (38.1MM ID)	
M	25	1	**8T-4196**	3	BOLT (M10X1.50X35MM)	
	26	1	**8T-4121**	8	WASHER-HARD (2.5MM THK)	
M	27	1	**8T-4133**	1	NUT (M10X1.50 THD)	
	28	1	**9U-1371**	1	BRACKET AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5 THD)	
	29	1	**9X-8250**	1	CLIP (SLOT)	
I	30	1	**9U-2037**	1	HOSE AS	
	31	1	**9U-1381**	1	MANIFOLD	
	32	1	*148-8355*	1	ELBOW AS	
		1	**6V-9005**	1	ELBOW-45 DEGREE	
		1	**5K-9090**	1	SEAL-O-RING (23.52MM ID)	
		1	**7M-8485**	1	SEAL-O-RING (29.74MM ID)	
	35	1	**6V-8556**	1	NUT (1 3/16-12 THD)	
	36	1	**6E-1454**	1	VALVE GP-CHECK (COOLER BYPASS)	
	37	1	**1P-3705**	1	SEAL-RECTANGULAR (44.7MM ID)	
M	38	1	**8T-4910**	6	BOLT (M12X1.75X60MM)	
	39	1	**6K-4935**	6	BRACKET	
	40	1	**6K-4934**	6	CLIP	
M	41	1	**8T-4139**	7	BOLT (M12X1.75X30MM)	
	42	1	**9U-2006**	1	TUBE AS	

4E-9659 LINES GP-HYDRAULIC FAN DRIVE *(contd.)* i01250427

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	43	1	**9U-2007**	1	TUBE AS	
M	44	1	**8T-6868**	2	BOLT (M12X1.75X80MM)	
	45	1	**4J-5573**	2	SEAL-O-RING (40.87MM ID)	
	46	1	**8X-4886**	1	ELBOW	
I	47	1	**9U-2004**	1	HOSE AS	
	48	1	**9X-8257**	4	WASHER (3.50MM THK)	
	49	1	**5V-1319**	2	CLAMP-HALF	
M	50	1	**8T-4198**	2	BOLT (M10X1.50X100MM)	
	51	1	**8C-7534**	1	CLIP (34.92MM ID)	
I	52	1	**114-5242**	1	HOSE AS	
	53	1	**1P-4582**	4	FLANGE-HALF	
	54	1	**4J-0527**	2	SEAL-O-RING (56.74MM ID)	
I	55	1	**9U-2078**	1	HOSE AS	
M	57	1	**8T-7338**	4	BOLT (M16X2.0X45MM)	
	58	1	**7V-8532**	1	SPACER	
M	59	1	**8T-4648**	4	BOLT (M12X1.75X70MM)	

C-CHANGE FROM PREVIOUS TYPE
I-SEE HOSE FABRICATION GUIDE
M-METRIC PART
Y-SEPARATE ILLUSTRATION



RIGHT SIDE VIEW

GRAPHIC #1 g00606534

HYDRAULIC SYSTEM

8R-5670 LINES GP-HYDRAULIC OIL COOLER

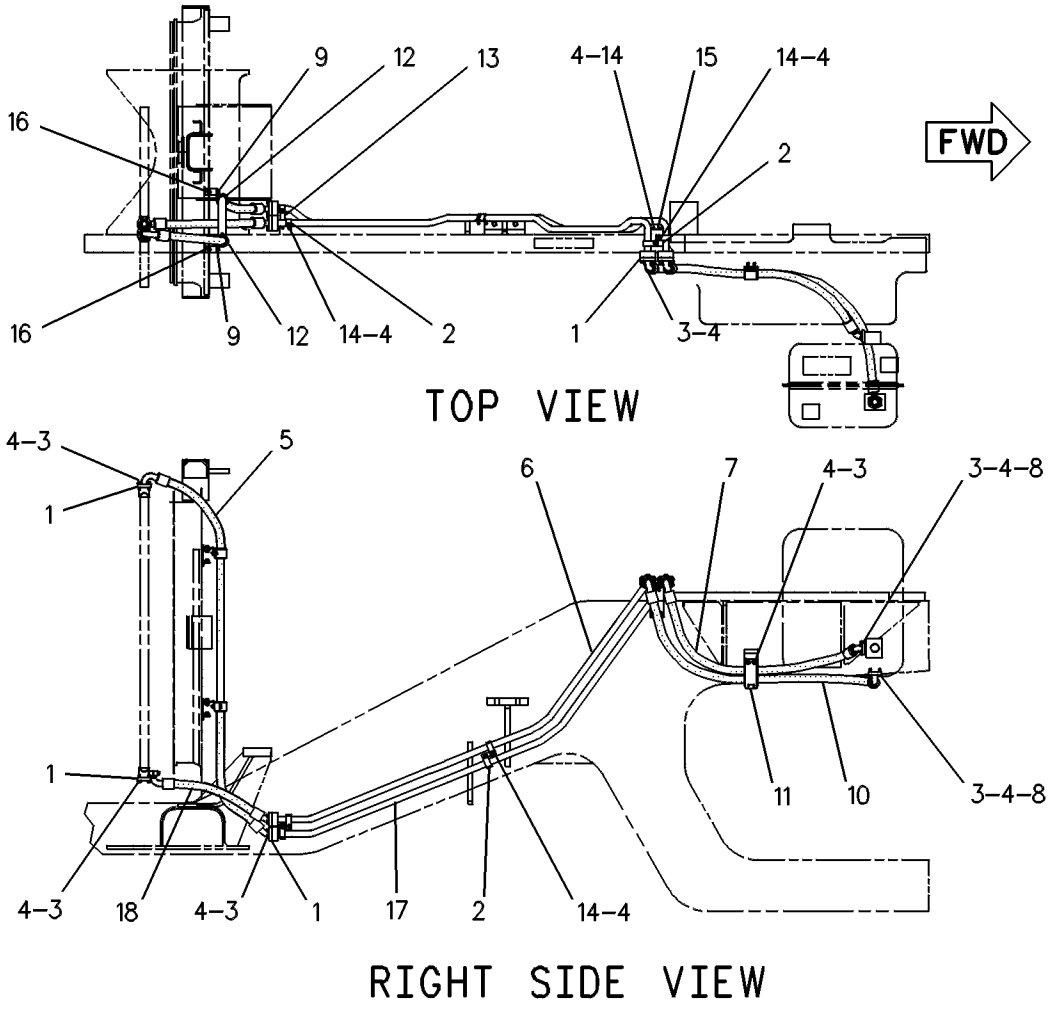
PIN 2KZ1-UP

PART OF 152-9753 HYDRAULIC AR

SMCS-1374, 5057 **i00174091**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1P-4579**	12	FLANGE-HALF	
		1	**4J-0524**	6	SEAL (47.22MM ID)	
	2	1	**7K-1401**	6	CLIP	
		1	**7K-1402**	6	BRACKET	
M	3	1	**8T-4183**	34	BOLT (M12X1.75X40MM)	
	4	1	**8T-4223**	42	WASHER-HARD (3MM THK)	
I	5	1	**9U-1370**	1	HOSE AS	
	6	1	**9U-1368**	1	TUBE AS	
I	7	1	**9U-1364**	1	HOSE AS	
	8	1	**6V-0397**	4	FLANGE-HALF	
		1	**4J-0522**	2	SEAL-O-RING (37.69MM ID)	
M	9	1	**8T-4196**	3	BOLT (M10X1.50X35MM)	
		1	**8T-4121**	3	WASHER (2.5MM THK)	
I	10	1	**9U-1365**	1	HOSE AS	
	11	1	**7G-3413**	1	CLIP (SLOT)	
		1	**7G-3414**	1	CLIP (TAB)	
		1	**7G-3415**	1	GROMMET	
	12	1	**5P-7470**	2	CLIP (SLOT)	
		1	**5P-7471**	2	CLIP (TAB)	
		1	**5P-8182**	2	GROMMET	
	13	1	**4N-5091**	1	SPACER	
M		1	**7X-2550**	1	BOLT (M12X1.75X110MM)	
M	14	1	**8T-4192**	7	BOLT (M12X1.75X25MM)	
	15	1	**9U-1366**	1	BRACKET AS	
M		1	**8T-3597**	2	NUT-WELD (M12X1.75 THD)	
	16	1	**9U-1371**	2	BRACKET AS	
					(EACH INCLUDES)	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5 THD)	
	17	1	**9U-1367**	1	TUBE AS	
I	18	1	**9U-1369**	1	HOSE AS	

I-SEE HOSE FABRICATION GUIDE
M-METRIC PART



GRAPHIC #1 g00120139

HYDRAULIC SYSTEM

152-9759 LINES GP-LIFT CYLINDER

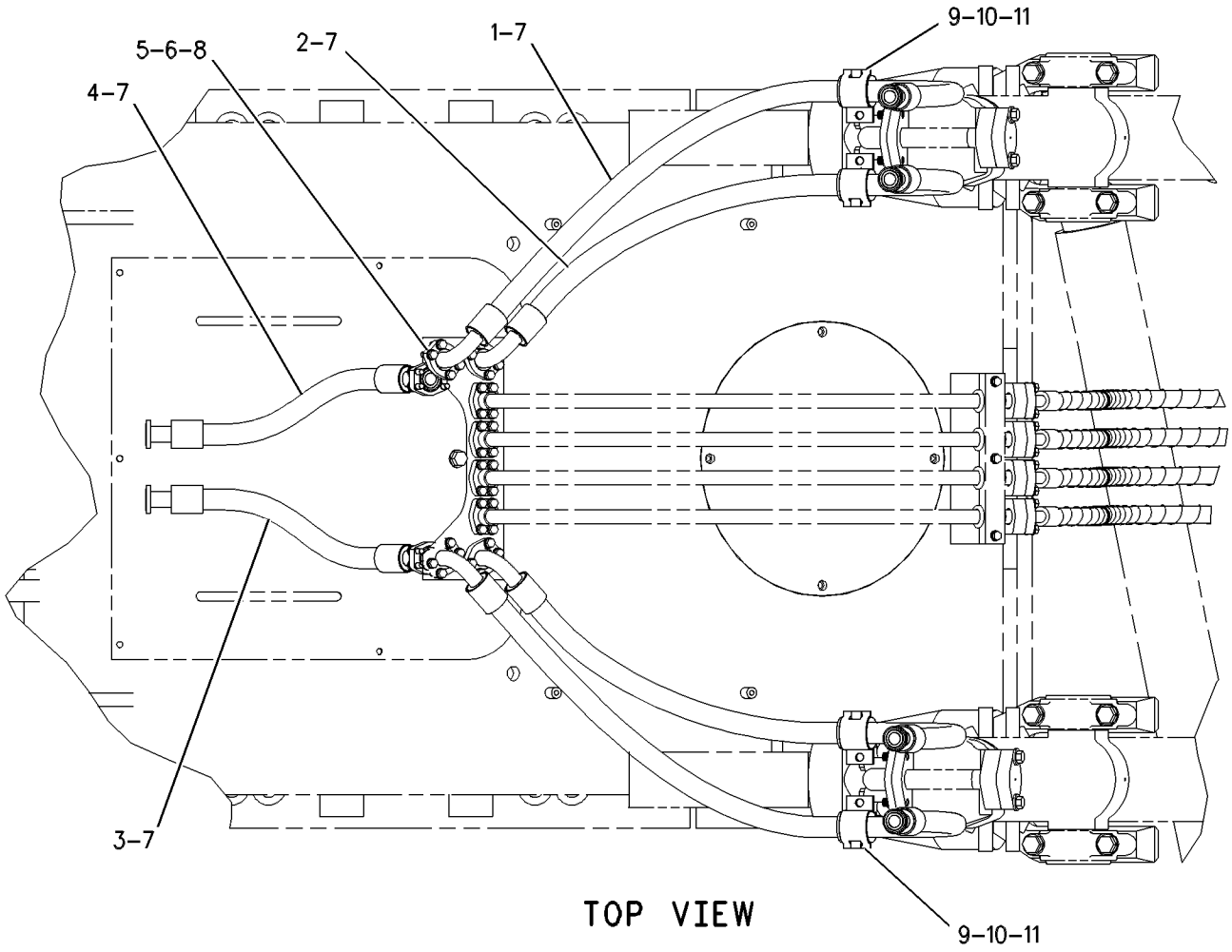
PIN 2KZ1-UP

PART OF 152-9753 HYDRAULIC AR

SMCS-5057, 5102 **i00791770**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
I	1	1	**152-7756**	2	HOSE AS	
I	2	1	**152-7757**	2	HOSE AS	
I	3	1	**152-7758**	1	HOSE AS	
I	4	1	**152-7759**	1	HOSE AS	
	5	1	**1P-4577**	12	FLANGE-HALF	
	6	1	**3B-1915**	24	BOLT (3/8-16X1.375IN)	
	7	1	**4J-0520**	12	SEAL-O-RING (32.92MM ID)	
	8	1	**5M-2894**	24	WASHER (2.5MM THK)	
	9	1	**5P-7468**	4	CLIP (SLOT)	
	10	1	**5P-7469**	4	CLIP (TAB)	
	11	1	**5P-8444**	4	GROMMET	

I-SEE HOSE FABRICATION GUIDE



GRAPHIC #1 g00373677

MEMORANDA

HYDRAULIC SYSTEM

3Q-6232 LINES GP-PILOT

PIN 2KZ1-UP

PART OF 152-9753 HYDRAULIC AR

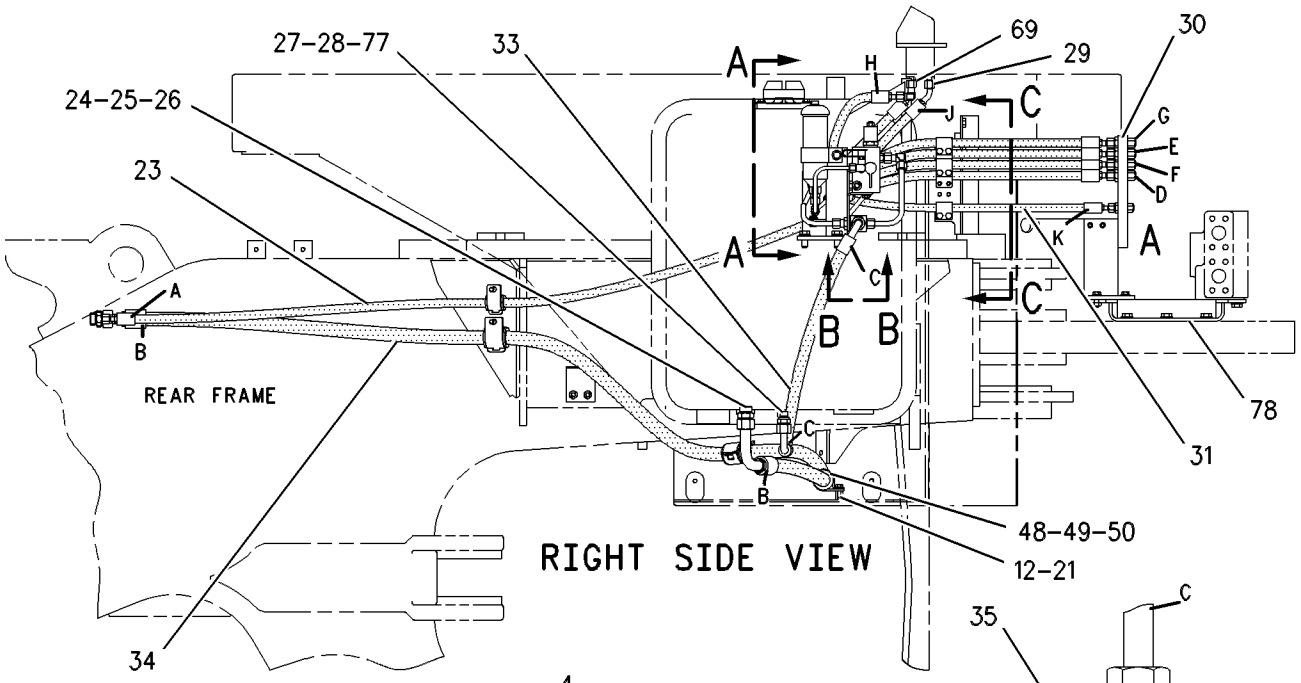
SMCS-5057, 5059 **i00759209**

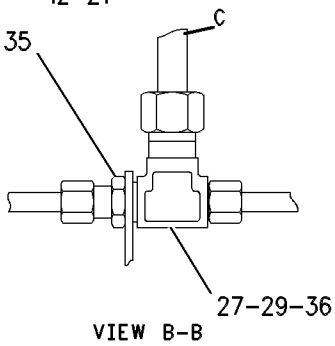
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-6935**	1	BRACKET AS	
	2	1	**9U-0195**	1	TUBE AS	
	3	1	**7I-3921**	1	CLIP (69MM ID)	
	4	1	**2G-8111**	1	ACCUMULATOR	
		1	**8C-3178**	1	CONNECTOR-O-RING	
	5	1	**6V-0852**	1	CAP-DUST	
	6	1	**6V-3965**	1	NIPPLE AS	
	7	1,2	**3J-1907**	3	SEAL-O-RING (11.89MM ID)	
	8	1	**3E-2310**	1	TEE	
	9	1,2	**6V-8397**	11	SEAL-O-RING (9.27MM ID)	
	10	1	**9U-0181**	1	TUBE AS	
M	11	1	**8T-4137**	2	BOLT (M10X1.50X20MM)	
	12	1	**8T-4121**	3	WASHER (2.5MM THK)	
	13	1	**6V-8634**	1	CONNECTOR-SEAL	
	14	1,2	**3K-0360**	6	SEAL-O-RING (16.36MM ID)	
	15	1	**6V-9843**	1	TEE (SWIVEL)	
M	16	1	**8T-4779**	3	BOLT (M16X2.0X35MM)	
	17	1	**9X-8257**	3	WASHER (3.50MM THK)	
	18	1	**9U-0183**	1	TUBE AS	
	19	1	**9U-0198**	1	TUBE AS	
	20	2	**6V-9830**	4	CAP AS	
M	21	1	**8T-4195**	1	BOLT (M10X1.50X30MM)	
	22	2	**6V-9829**	1	CAP AS	
I	23	1	**8W-3182**	1	HOSE AS	
	24	1,2	**8T-7927**	2	ADAPTER	
	25	1,2	**7M-8485**	2	SEAL-O-RING (29.74MM ID)	
	26	1,2	**6V-8400**	2	SEAL-O-RING (29.9MM ID)	
	27	1	**6V-9746**	2	SEAL-O-RING (18.94MM ID)	
	28	1	**2M-9780**	1	SEAL-O-RING (19.18MM ID)	
	29	1,2	**6V-8398**	31	SEAL-O-RING (12.47MM ID)	
	30	1	**4E-6914**	1	BRACKET	
I	31	1	**4E-6888**	1	HOSE AS	
I	33	1	**9U-0218**	1	HOSE AS	
I	34	1	**113-9117**	1	HOSE AS	
	35	1,2	**6V-9169**	7	NUT-BULKHEAD (13/16-16 THD)	
	36	1	**110-4628**	1	TEE-UNION	
	37	2	**6V-8633**	1	CONNECTOR	
	38	2	**3D-2824**	1	SEAL-O-RING (23.47MM ID)	
	39	2	**6V-9850**	1	ELBOW-SWIVEL (11/16-16 THD)	
M	44	2	**8T-4956**	6	BOLT (M12X1.75X35MM)	
	45	2	**8T-4223**	9	WASHER-HARD (3MM THK)	
	46	2	**9U-0356**	1	BRACKET AS	
M		2	**8T-3490**	4	NUT-WELD (M10X1.5 THD)	
M		2	**8T-3597**	3	NUT-WELD (M12X1.75 THD)	
I	47	2	**9R-0975**	1	HOSE AS	
	48	1,2	**5P-7468**	3	CLIP (SLOT)	
	49	1,2	**5P-7469**	3	CLIP (TAB)	
	50	1,2	**6V-0545**	3	GROMMET	
M	51	2	**8T-4192**	1	BOLT (M12X1.75X25MM)	
	52	2	**7X-0599**	3	WASHER-HARD (2MM THK)	
	53	1	**5V-8913**	8	CLAMP-HALF	
I	54	1	**8W-0227**	4	HOSE AS	
M	55	1	**8T-4185**	10	BOLT (M10X1.50X50MM)	
	56	1	**5V-8912**	2	CLAMP-HALF	
	57	2	**5P-7464**	1	CLIP (SLOT)	
	58	2	**5P-7465**	1	CLIP (TAB)	

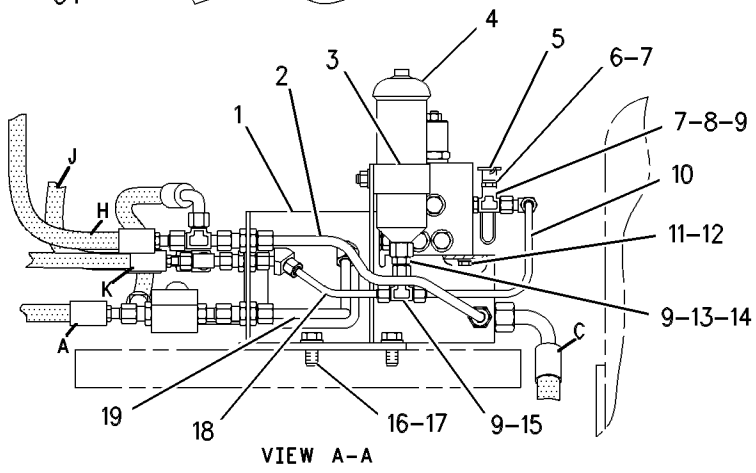
3Q-6232 **LINES GP-PILOT** *(contd.)* **i00759209**

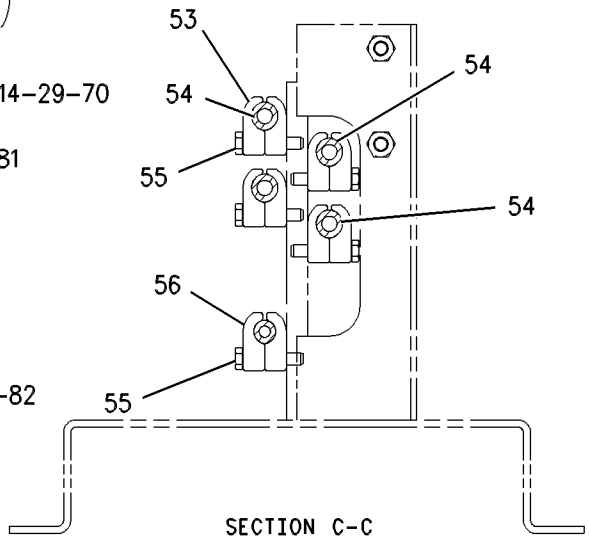
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	59	2	**6V-1249**	1	GROMMET	
Y	60	2	**9T-9551**	1	VALVE GP-COMBINATION	529
M	61	2	**8T-4183**	1	BOLT (M12X1.75X40MM)	
M	62	2	**8T-4244**	1	NUT (M12X1.75 THD)	
	63	2	**6V-8995**	6	UNION-BULKHEAD	
	64	2	**8T-8902**	1	TEE	
	65	2	**8T-6876**	1	ELBOW-ORFS (9/16-18 THD)	
	66	2	**6V-9168**	2	NUT (11/16-16 THD)	
	67	2	**6V-8994**	2	UNION-BULKHEAD (11/16-16 THD)	
	68	2	**8C-8988**	1	ELBOW-45 DEGREE SWIVEL	
	69	1,2	**6V-9851**	3	ELBOW-90 DEGREE SWIVEL	
	70	1,2	**6V-8639**	3	CONNECTOR-SEAL	
	71	2	**9U-0193**	1	TUBE AS	
	72	2	**8C-3446**	1	VALVE-FLUID SAMPLING	
	73	2	**3J-7354**	1	SEAL-O-RING (8.92MM ID)	
	74	2	**8C-3451**	1	CAP-DUST	
M	75	2	**8T-4139**	3	BOLT (M12X1.75X30MM)	
I	76	2	**9U-0364**	1	HOSE AS	
	77	1	**6V-8640**	1	CONNECTOR-SEAL	
	78	1	**4E-5482**	1	PLATE AS	
M		1	**8T-3490**	2	NUT-WELD (M10X1.5 THD)	
M		1	**8T-3597**	4	NUT-WELD (M12X1.75 THD)	
	79	2	**6V-9837**	1	TEE	
I	80	2	**4E-9284**	1	HOSE AS	
Y	81	1	*116-6399*	1	VALVE GP-PILOT RELIEF	538
	82	1	**6V-8625**	1	ELBOW-90 DEGREE (3/4-16 THD)	
	83	1	**7X-3164**	1	ADAPTER-SWIVEL	
	84	1	**125-6373**	1	ANGLE	
M	85	1	**8T-4970**	2	BOLT (M6X1X14MM)	
	86	1	**9X-8256**	2	WASHER (2MM THK)	

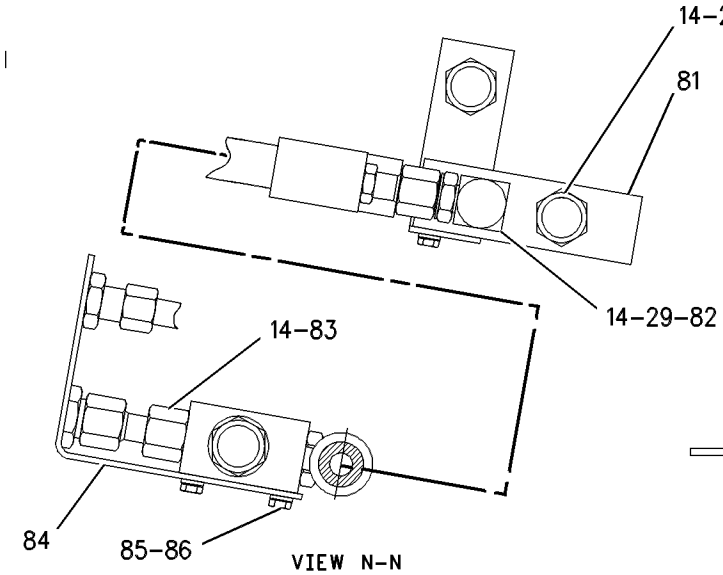
I-SEE HOSE FABRICATION GUIDE
M-METRIC PART
Y-SEPARATE ILLUSTRATION







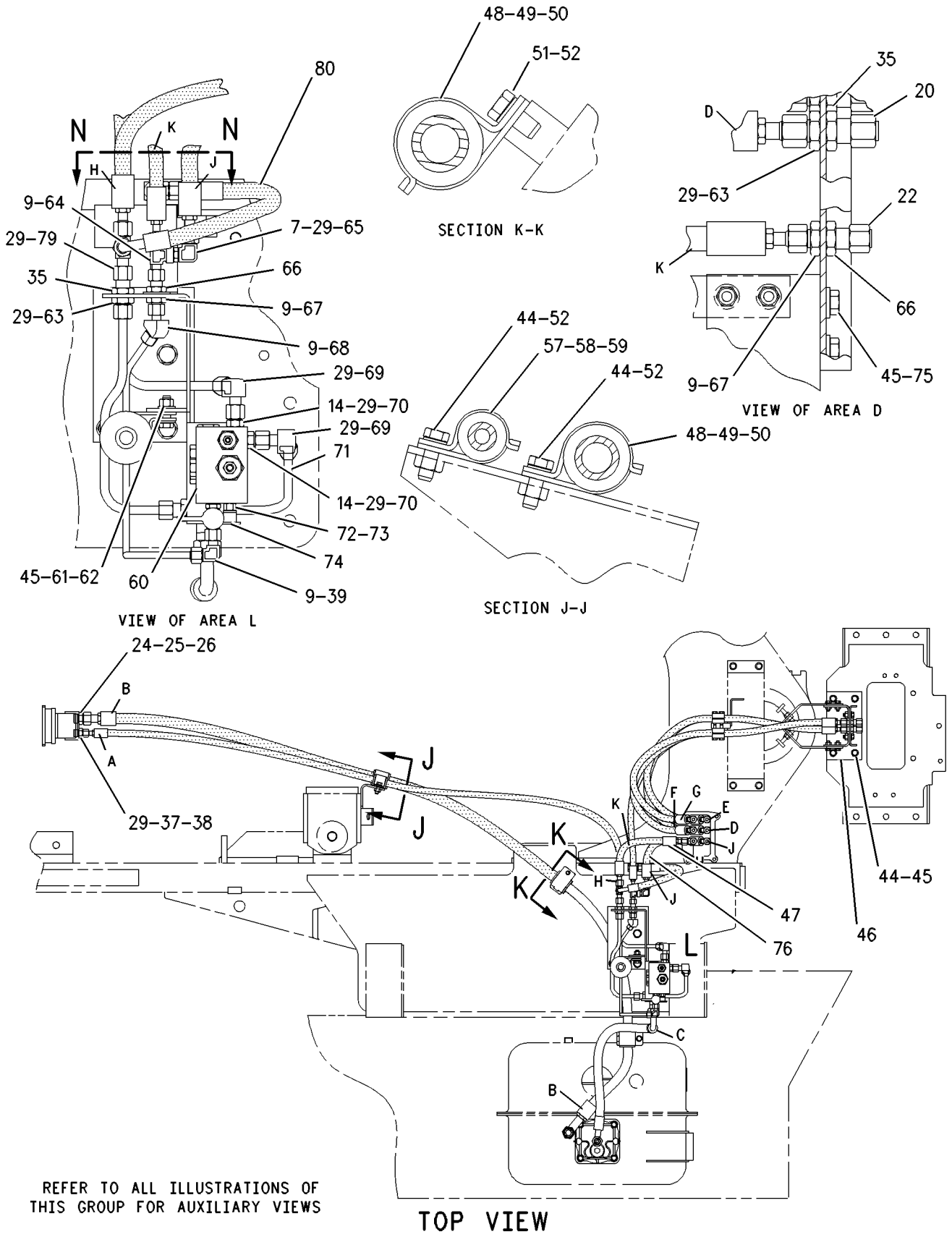




REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

GRAPHIC #1

g00344465



GRAPHIC #2 g00344466

HYDRAULIC SYSTEM

152-9760 LINES GP-TILT CYLINDER

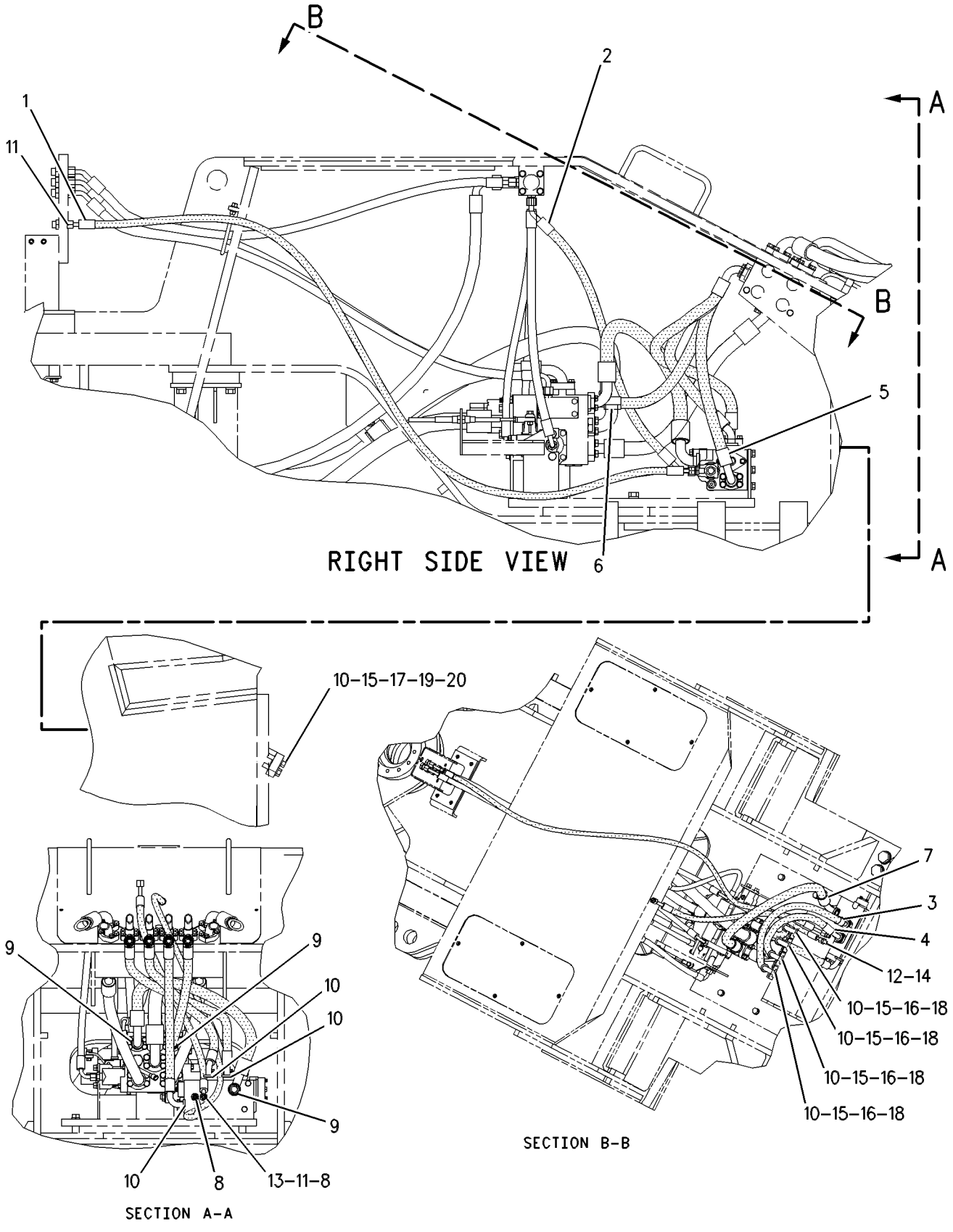
PIN 2KZ1-UP

PART OF 152-9753 HYDRAULIC AR

SMCS-5057, 5104 **i00935423**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
I	1	1	**152-7738**	1	HOSE AS	
I	2	1	**152-7741**	1	HOSE AS	
I	3	1	**152-7746**	1	HOSE AS	
I	4	1	**152-7747**	1	HOSE AS	
I	5	1	**152-7748**	1	HOSE AS	
I	6	1	**152-7749**	1	HOSE AS	
I	7	1	**152-7760**	1	HOSE AS	
	8	1	**3J-1907**	2	SEAL-O-RING (11.89MM ID)	
	9	1	**4J-0520**	3	SEAL-O-RING (32.92MM ID)	
	10	1	**4J-5267**	11	SEAL-O-RING (24.99MM ID)	
	11	1	**6V-8397**	2	SEAL-O-RING (9.27MM ID)	
	12	1	**6V-8398**	1	SEAL-O-RING (12.47MM ID)	
	13	1	**6V-8636**	1	CONNECTOR	
	14	1	**6V-9873**	1	CONNECTOR	
	15	1	**1P-4576**	16	FLANGE	
	16	1	**3B-1915**	16	BOLT (3/8-16X1.375IN)	
	17	1	**5H-4018**	4	COVER	
	18	1	**5M-2894**	16	WASHER (2.5MM THK)	
	19	1	**5S-7382**	16	BOLT (3/8-16X34.92)	
	20	1	**8T-4896**	16	WASHER-HARD (2.5MM THK)	

I-SEE HOSE FABRICATION GUIDE



GRAPHIC #1

g00476325

161-9902 LINES GP-TILT CYLINDER

PIN 2KZ1-UP
PART OF 153-2070 BULLDOZER AR
ALSO AN ATTACHMENT

SMCS-5057, 5104 **i01023043**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	5S-7382	48	BOLT (3/8-16X34.92)	
	7X-0380	8	BOLT (7/8-9X1.75IN)	
	8E-6758	2	CONNECTOR AS	
			(EACH INCLUDES)	
	8E-6752	4	BEARING-SLEEVE	
	1P-4576	24	FLANGE	
I	**152-7751**	1	HOSE AS	
I	**152-7752**	1	HOSE AS	
I	**152-7753**	1	HOSE AS	
I	**152-7754**	1	HOSE AS	
I	**152-7755**	4	HOSE AS	
	1U-2472	2	PIN	
	4T-7534	2	PIN	
	6J-5179	4	RETAINER	
	4J-5267	12	SEAL-O-RING (24.99MM ID)	
	5M-2894	48	WASHER (2.5MM THK)	

I-SEE HOSE FABRICATION GUIDE

6E-4576 MOTOR GP-PISTON–FAN DRIVE

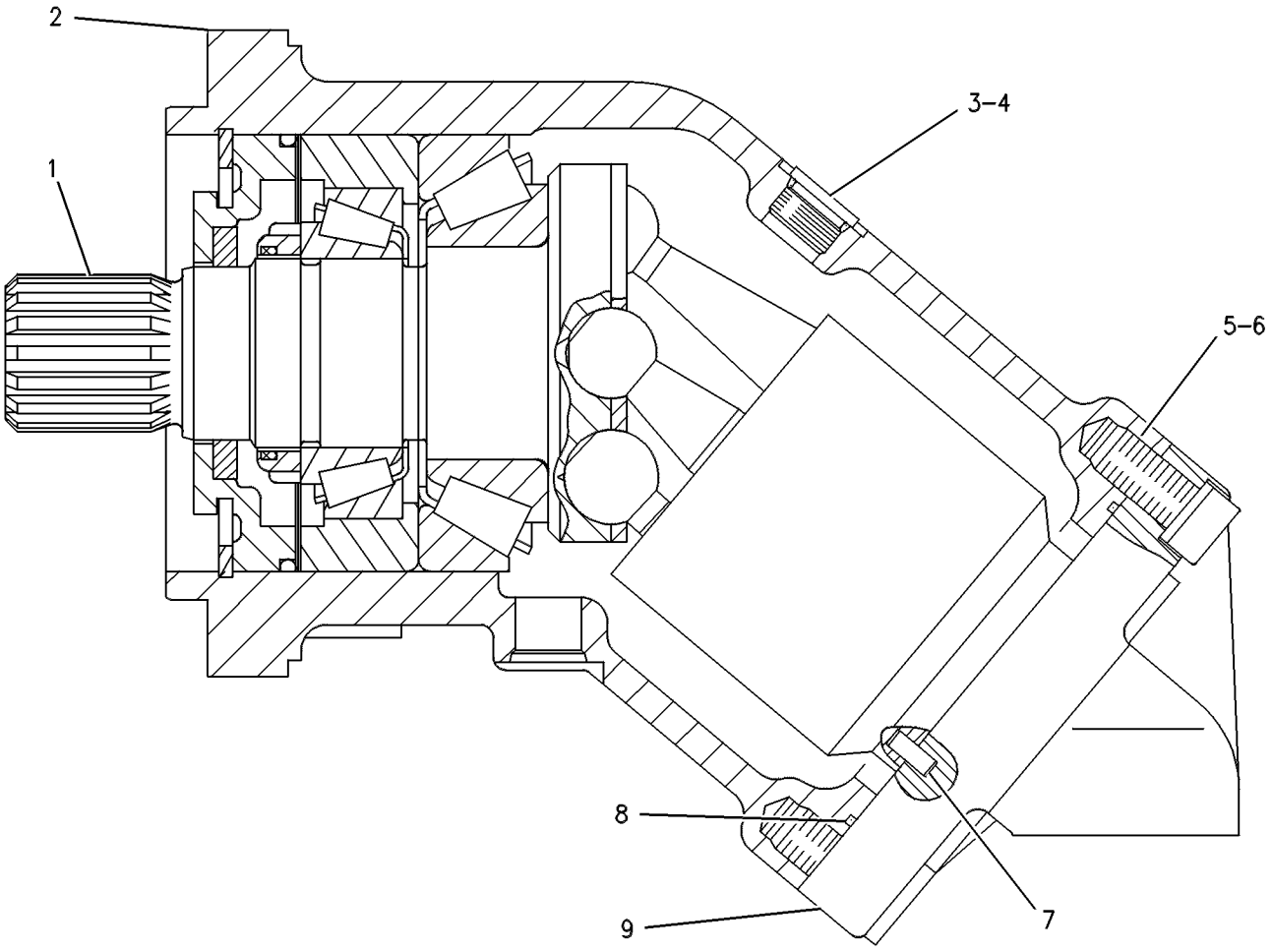
PIN 2KZ1-299

PART OF 4E-9659 LINES GP-HYDRAULIC FAN DRIVE

SMCS-5058 **i01057770**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**106-1255**	1	ROTATING GP-MOTOR	514
	2	1	**6E-1682**	1	HOUSING	
	3	1	**9S-8006**	1	PLUG-O-RING (7/8-14 THD)	
	4	1	**2M-9780**	1	SEAL-O-RING (19.18MM ID)	
M	5	1	**8T-6594**	6	BOLT-SOCKET HEAD (M16X2X35MM)	
	6	1	**6E-1684**	6	LOCKWASHER	
	7	1	**9X-6497**	1	DOWEL	
	8	1	**8T-9527**	1	SEAL-O-RING (110.72MM ID)	
	9	1	**111-9266**	1	HEAD	

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00120628

159-7166 MOTOR GP-PISTON–FAN DRIVE

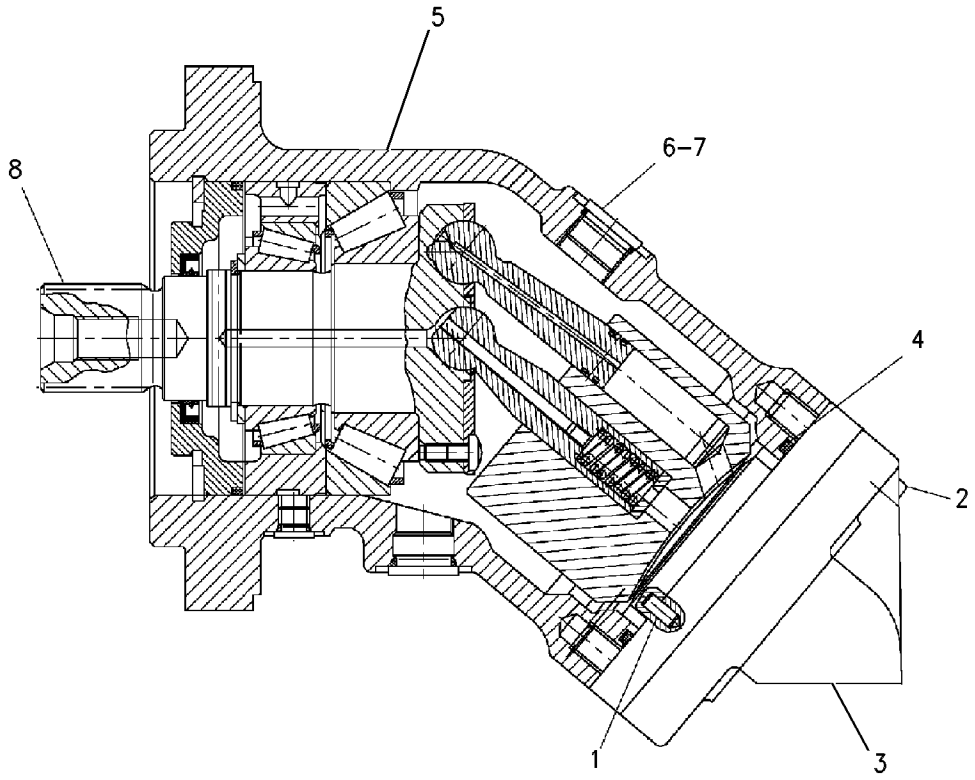
PIN 2KZ300-UP

PART OF 4E-9659 LINES GP-HYDRAULIC FAN DRIVE

SMCS-5058 **i01225045**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9X-6497**	1	DOWEL	
M	2	1	**130-1673**	6	BOLT-SOCKET HEAD	
	3	1	**111-9266**	1	HEAD	
	4	1	**8T-9527**	1	SEAL-O-RING (110.72MM ID)	
	5	1	**6E-1682**	1	HOUSING	
	6	1	**2M-9780**	1	SEAL-O-RING (19.18MM ID)	
	7	1	**9S-8006**	1	PLUG-O-RING (7/8-14 THD)	
Y	8	1	**178-4005**	1	ROTATING GP-MOTOR	516

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00661371

MEMORANDA

HYDRAULIC SYSTEM

3Q-6296 MOUNTING GP-HYDRAULIC LINES

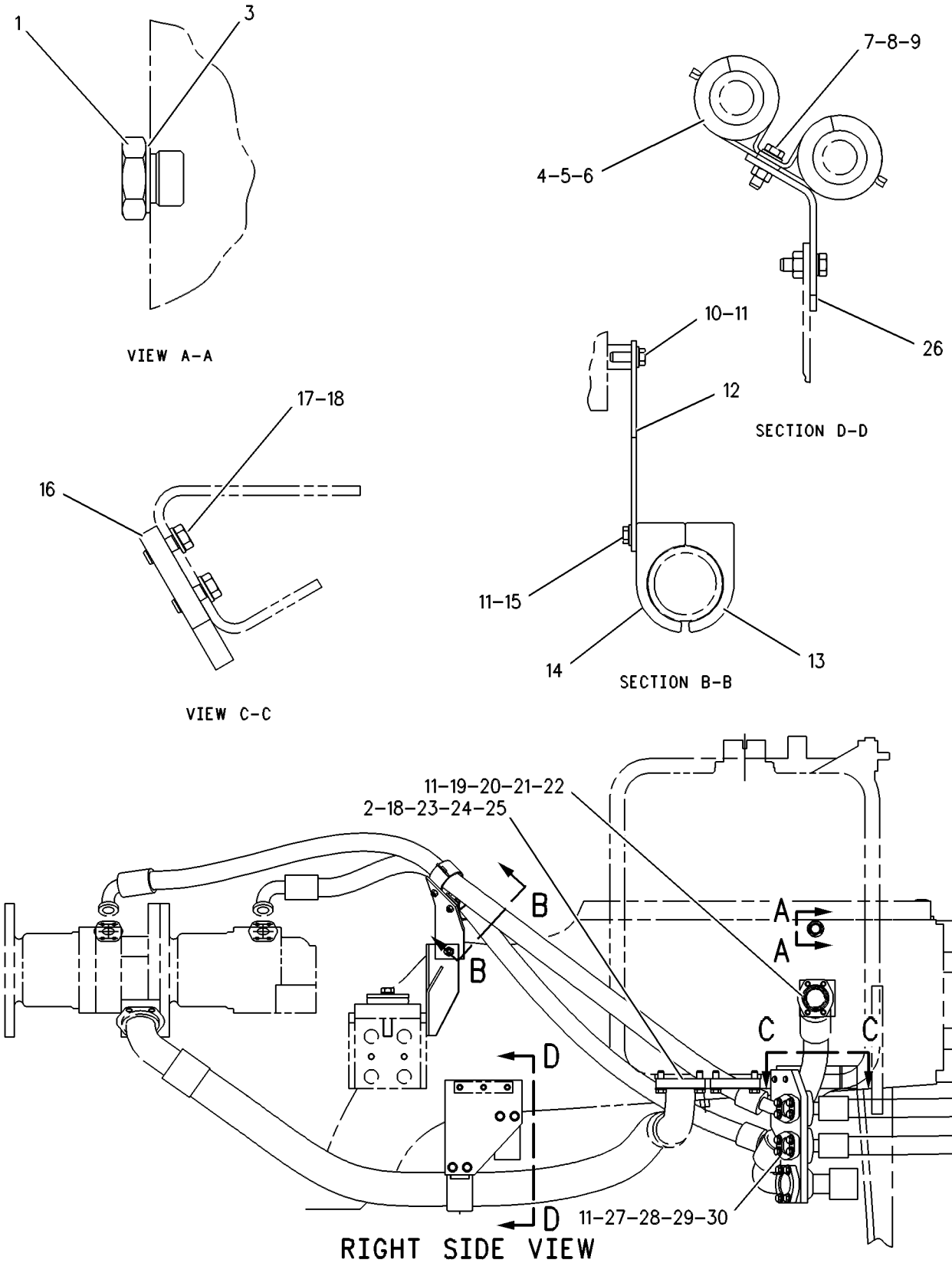
PIN 2KZ1-UP

PART OF 152-9752 CHASSIS AR

SMCS-5057 **i01032357**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9S-4183**	1	PLUG (1 1/16-12 THD)	
	2	1	**4D-5042**	2	COVER	
	3	1	**3D-2824**	1	SEAL-O-RING (23.47MM ID)	
	4	1	**6V-1572**	2	CLIP (SLOT)	
	5	1	**6V-1573**	2	CLIP (TAB)	
	6	1	**6V-1875**	2	GROMMET (48MM ID)	
M	7	1	**8T-4196**	2	BOLT (M10X1.50X35MM)	
	8	1	**8T-4121**	2	WASHER (2.5MM THK)	
M	9	1	**8T-4133**	2	NUT (M10X1.50 THD)	
M	10	1	**8T-4956**	3	BOLT (M12X1.75X35MM)	
	11	1	**8T-4223**	33	WASHER-HARD (3MM THK)	
	12	1	**152-9749**	1	BRACKET	
	13	1	**7I-3711**	1	CLAMP-HALF	
	14	1	**4E-7789**	1	CLAMP-HALF	
M	15	1	**8T-4176**	2	BOLT (M12X1.75X90MM)	
	16	1	**4E-8284**	1	PLATE	
M	17	1	**7X-2553**	3	BOLT (M16X2.0X40MM)	
	18	1	**9X-8257**	11	WASHER (3.50MM THK)	
	19	1	**2J-5608**	3	COVER	
M	20	1	**8T-4183**	12	BOLT (M12X1.75X40MM)	
	21	1	**4J-0527**	3	SEAL-O-RING (56.74MM ID)	
	22	1	**1P-4582**	6	FLANGE-HALF	
M	23	1	**8T-4193**	8	BOLT (M16X2.0X50MM)	
	24	1	**2H-6338**	2	SEAL-O-RING (85.32MM ID)	
	25	1	**1P-4585**	4	FLANGE-HALF	
	26	1	**109-1538**	1	BRACKET	
	27	1	**1P-5767**	8	FLANGE-HALF	
	28	1	**5P-0048**	4	COVER	
	29	1	**1P-3704**	4	SEAL-RECTANGULAR (38.2MM ID)	
M	30	1	**8T-4194**	16	BOLT (M12X1.75X50MM)	

M-METRIC PART



GRAPHIC #1 g00345263

HYDRAULIC SYSTEM

152-9761 PUMP & MTG GP-IMPLEMENT

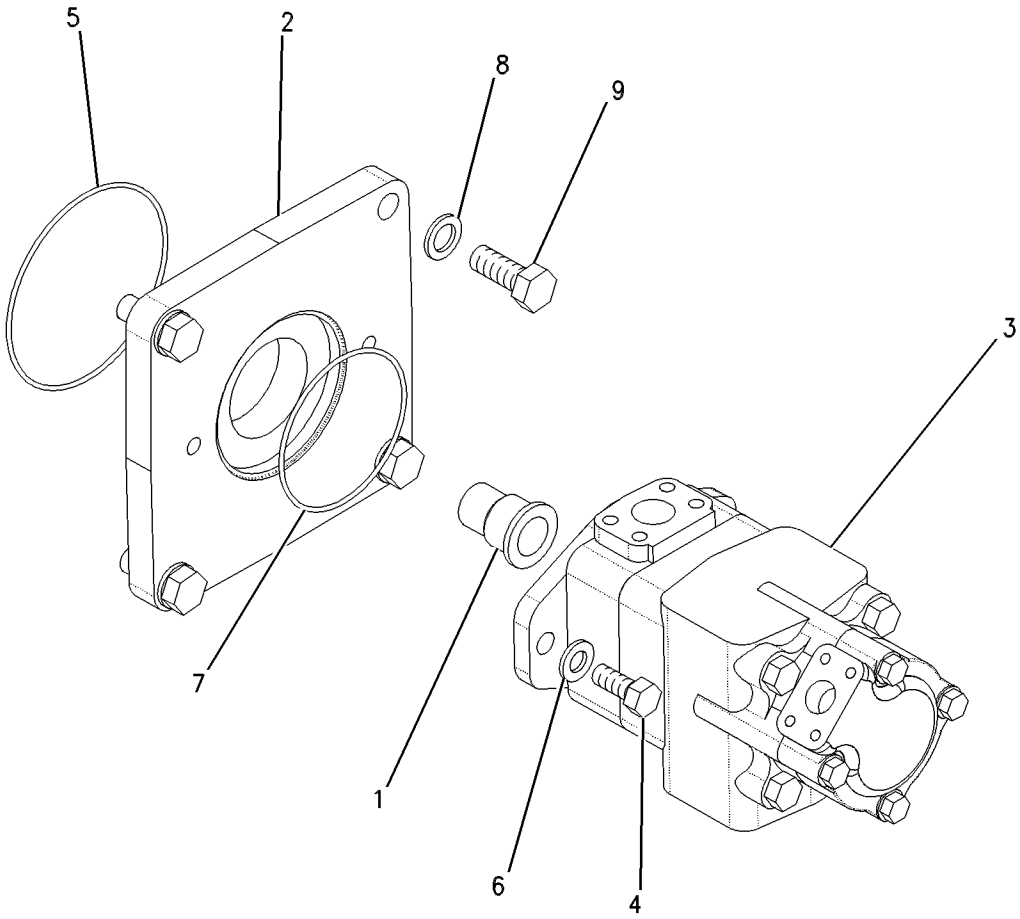
PIN 2KZ1-UP

PART OF 152-9753 HYDRAULIC AR

SMCS-5084 **i01251863**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**152-9770**	1	ADAPTER	
	2	1	**152-9771**	1	PLATE-MOUNTING	
Y	3	1	**157-0956**	1	PUMP GP-VANE (IMPLEMENT)	513
	4	1	**0S-1566**	2	BOLT (5/8-11X1.5IN)	
	5	1	**2K-4472**	1	SEAL-O-RING (158.34MM ID)	
	6	1	**5P-8247**	2	WASHER-HARD (3.5MM THK)	
	7	1	**6V-8260**	1	SEAL-O-RING (123.42MM ID)	
	8	1	**8T-4123**	4	WASHER-PLATED (3.5MM THK)	
M	9	1	**8T-6430**	4	BOLT (M20X2.5X50MM)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00520911

HYDRAULIC SYSTEM

8R-5676 PUMP & MTG GP-PILOT & BRAKE

PIN 2KZ1-UP

PART OF 152-9753 HYDRAULIC AR

SMCS-4268, 5073, 5085 **i01250526**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	**6E-4657**	1	PUMP GP-GEAR (PILOT & BRAKING)	512
	115-6929	2	BOLT-12 POINT HEAD	
	6D-1004	1	GASKET	
	6V-5839	2	WASHER (2.5MM THK)	

Y-SEPARATE ILLUSTRATION

6E-4657 PUMP GP-GEAR–PILOT & BRAKING

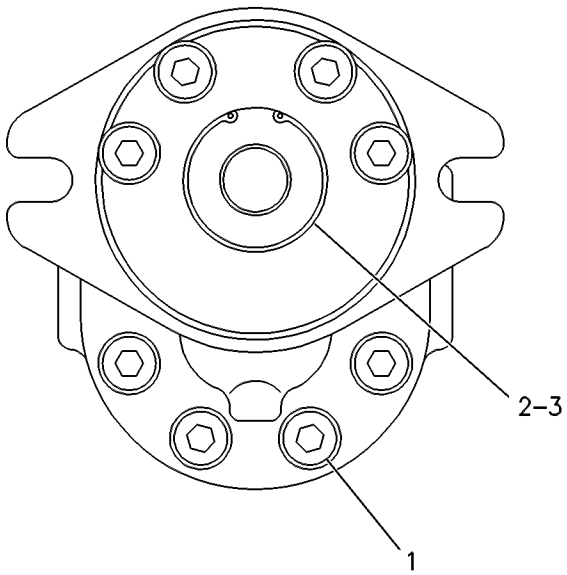
PIN 2KZ1-UP

PART OF 8R-5676 PUMP & MTG GP-PILOT & BRAKE

SMCS-5073, 5084 **i01229289**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**2D-4534**	8	BOLT (3/8-16 THD)	
J	2	1	**7X-4806**	1	SEAL-LIP	
J	3	1	**1L-3768**	1	RING-RETAINING	
					AVAILABLE REPAIR KIT(S):	
J				1	KIT-SEAL	

J-KIT MARKED J INCLUDES PART(S) MARKED J



GRAPHIC #1 g00121247

157-0956 PUMP GP-VANE–IMPLEMENT

PIN 2KZ1-UP

PART OF 152-9761 PUMP & MTG GP-IMPLEMENT

SMCS-5055, 5084 **i00745857**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	2L-5271	1	BALL BEARING	
	1U-3937	1	BODY	
	2B-0947	4	BOLT (1/2-13X2.25IN)	
	7X-0362	4	BOLT (5/8-11X7.0IN)	
YR	**1U-3953**	1	CARTRIDGE GP-VANE PUMP (FRONT)	463
YR	**3G-7663**	1	CARTRIDGE GP-VANE PUMP (REAR)	464
	4K-0413	1	COVER	
	4K-0415	1	COVER-OUTLET	
	1U-0379	1	KIT-FLEX PLATE (REAR)	
	1U-0380	1	KIT-FLEX PLATE (FRONT)	
	3G-7242	1	PLUG	
	2J-8172	1	RING-RETAINING	
	4M-5285	1	RING-RETAINING	
	3G-9194	1	SEAL-LIP	
	9J-7814	1	SEAL-LIP	
	1U-3883	1	SHAFT-GOVERNOR CONTROL	
	2J-8168	1	WASHER (.033IN`THK)	

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

106-1255 ROTATING GP-MOTOR

PIN 2KZ1-299

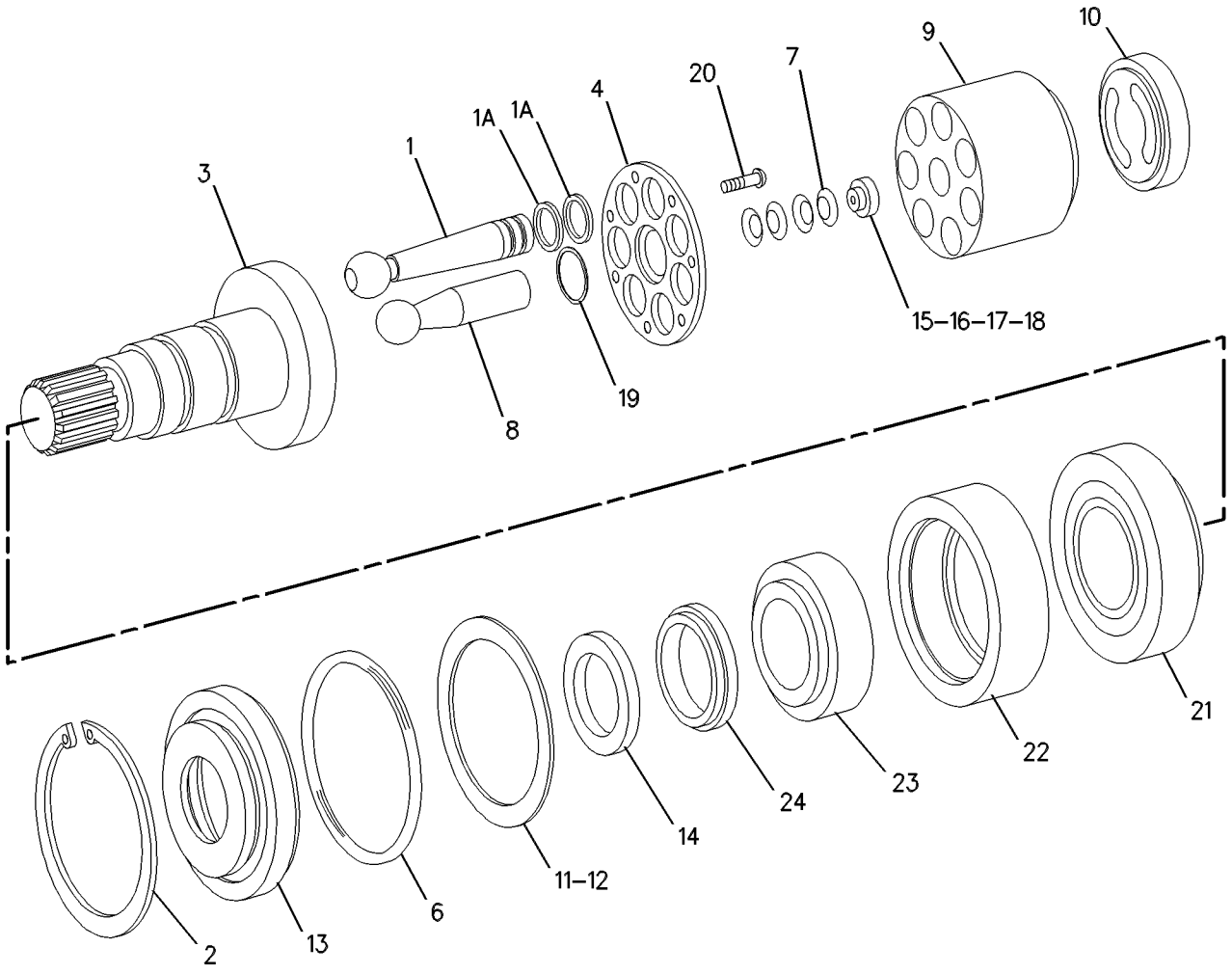
PART OF 6E-4576 MOTOR GP-PISTON

SMCS-5058 **i01075002**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**165-6974**	7	PISTON AS	
					(EACH INCLUDES)	
	1A	1	**9T-3745**	2	RING	
	2	1	**9X-6574**	1	RING-RETAINING	
	3	1	**6E-1685**	1	SHAFT-DRIVE	
	4	1	**111-9265**	1	PLATE	
	6	1	**6V-7351**	1	SEAL-O-RING	
	7	1	**9T-3368**	4	SPRING-BELLEVILLE	
	8	1	**6E-1696**	1	PIN-CENTER	
	9	1	**106-1259**	1	BARREL	
	10	1	**122-9799**	1	PLATE-PORT	
B	11	1	**6E-1704**	2	SHIM (.2MM THK)	
B	12	1	**6E-1705**	1	SHIM (.3MM THK)	
	13	1	**6E-1687**	1	COVER-FRONT	
	14	1	**6E-1693**	1	SEAL-SHAFT	
B	15	1	**6E-1698**	1	SPACER	
B	16	1	**6E-1699**	1	SPACER	
B	17	1	**6E-1702**	1	SPACER	
B	18	1	**6E-1703**	1	SPACER	
	19	1	**6E-1688**	1	DISC	
	20	1	**6E-1701**	7	SCREW	
	21	1	**6E-1691**	1	BEARING AS	
	22	1	**6E-1686**	1	RING-BEARING HOUSING	
	23	1	**6E-1692**	1	BEARING AS	
	24	1	**6E-1690**	1	NUT-BEARING	

B-USE AS REQUIRED

106-1255 ROTATING GP-MOTOR *(contd.)* i01075002



GRAPHIC #1 g00563091

178-4005 ROTATING GP-MOTOR

PIN 2KZ300-UP

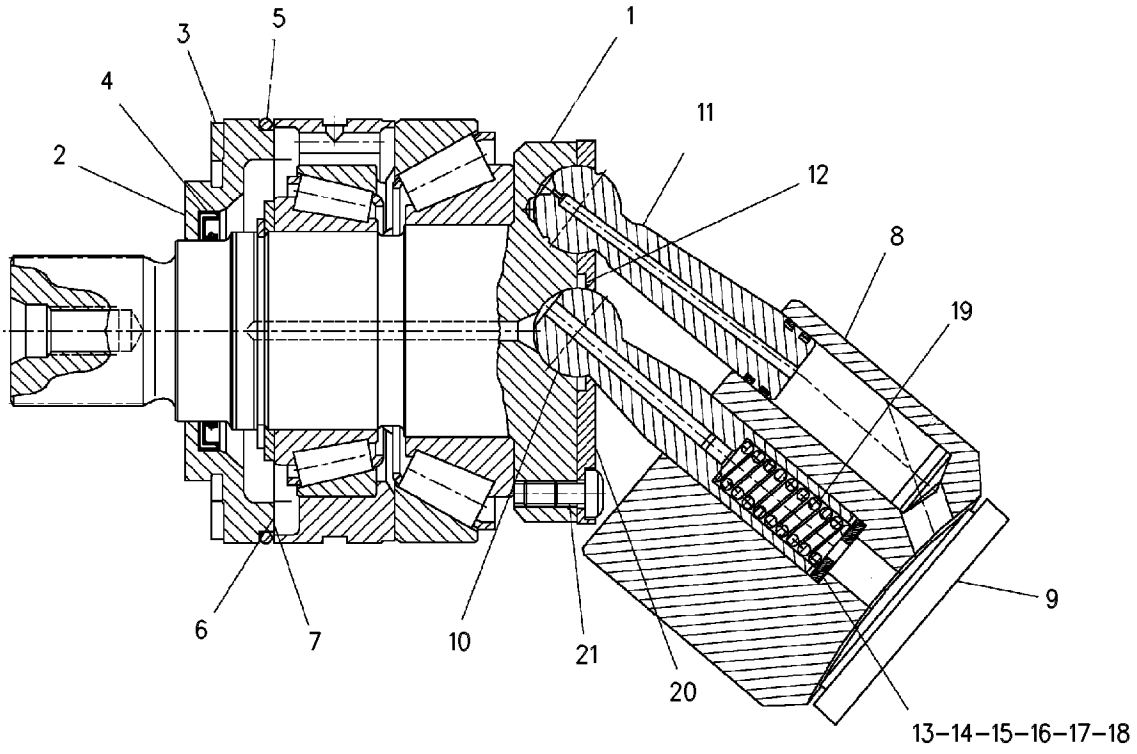
PART OF 159-7166 MOTOR GP-PISTON

SMCS-5058 **i01253675**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**178-3995**	1	SHAFT AS	
		1	**171-5995**	1	KIT-BEARING	
	2	1	**6E-1687**	1	COVER-FRONT	
	3	1	**9X-6574**	1	RING-RETAINING	
	4	1	**124-9913**	1	SEAL-SHAFT	
	5	1	**6V-7351**	1	SEAL-O-RING (132.94MM ID)	
B	6	1	**6E-1704**	1	SHIM (.2MM THK)	
B	7	1	**6E-1705**	1	SHIM (.3MM THK)	
	8	1	**180-2436**	1	BARREL	
	9	1	**122-9799**	1	PLATE-PORT	
	10	1	**178-3997**	1	PIN	
	11	1	**165-6974**	7	PISTON AS	
					(EACH INCLUDES)	
		1	**9T-3745**	2	RING	
	12	1	**6E-1688**	1	DISC	
B	13	1	**124-9935**	1	SHIM (3.80MM THK)	
B	14	1	**124-9936**	1	SHIM (3.90MM THK)	
B	15	1	**124-9937**	1	SHIM (4.00MM THK)	
B	16	1	**124-9934**	1	SHIM (3.70MM THK)	
B	17	1	**124-9933**	1	SHIM (3.60MM THK)	
B	18	1	**124-9932**	1	SHIM (3.50MM THK)	
	19	1	**178-3998**	1	SPRING	
	20	1	**111-9265**	1	PLATE	
	21	1	**113-4418**	7	SCREW	

B-USE AS REQUIRED

178-4005 ROTATING GP-MOTOR *(contd.)* i01253675



GRAPHIC #1 g00661398

HYDRAULIC SYSTEM

6E-4683 TANK & FILTER GP-HYDRAULIC

PIN 2KZ1-UP

PART OF 8R-5674 TANK & MTG GP-HYDRAULIC

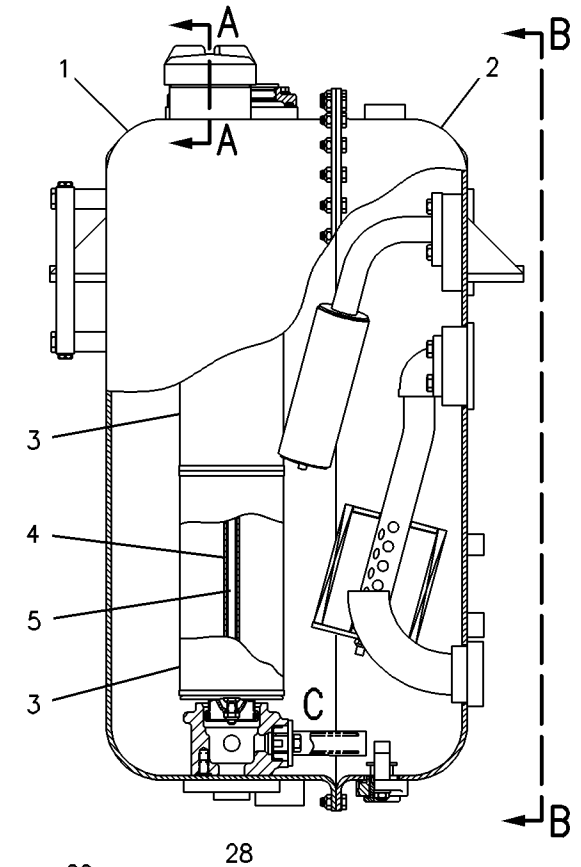
SMCS-5056, 5068 **i00866345**

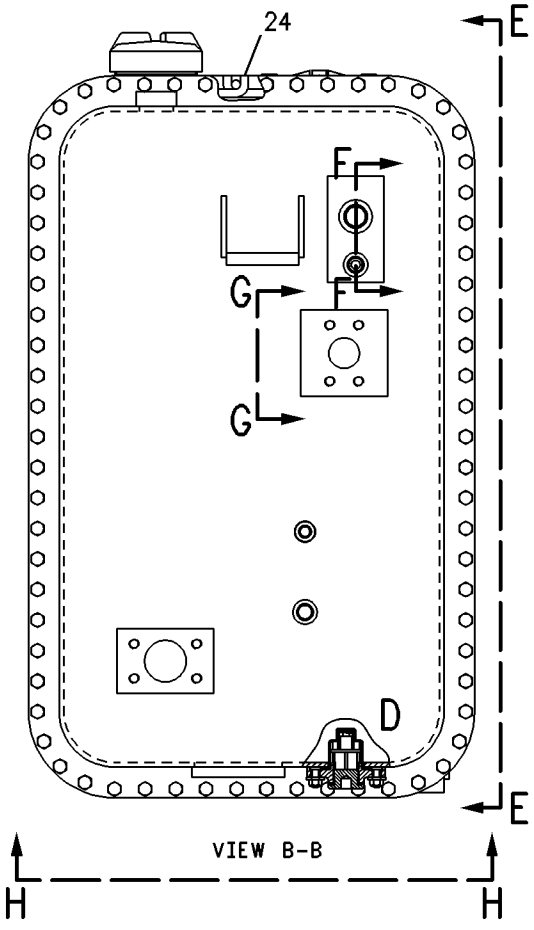
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6E-4684**	1	TANK AS	
C	2	1	**110-4808**	1	TANK AS	
M		1	**8T-4219**	2	STUD-WELD (M10X1.5X17.5MM)	
	3	1	**4T-3134**	2	ELEMENT-FILTER (FIRE RESISTANT FLUID)	
	4	1	**6E-4449**	1	SPACER	
	5	1	**6E-4447**	1	ROD	
	6	1	**9J-1979**	1	RETAINER AS	
	7	1	**7D-1195**	1	SEAL-O-RING (56.52MM ID)	
	8	1	**6E-4450**	1	BASE-FILTER	
C	9	1	**6F-6672**	4	SEAL-O-RING (17.12MM ID)	
	10	1	**9J-1988**	1	VALVE	
	11	1	**3G-3498**	1	FLANGE	
M	12	1	**8T-4201**	2	BOLT-LOCKING (M10X1.5X20MM)	
	13	1	**1L-4349**	1	SPRING	
M	14	1	**6V-7744**	4	LOCKNUT (M10X1.50 THD)	
	15	1	**9J-1985**	1	TUBE AS	
	16	1	**1U-2827**	1	GUIDE-VALVE	
	17	1	**7B-3039**	1	SPRING	
	18	1	**9J-7031**	1	PLUG-DRAIN	
	19	1	**5M-2057**	1	SEAL-O-RING (34.59MM ID)	
	20	1	**8T-3298**	1	SEAL-RECTANGULAR (51.7MM ID)	
	21	1	**6V-5839**	2	WASHER (2.5MM THK)	
	22	1	**8J-8782**	1	BODY-DRAIN VALVE	
	23	1	**8J-8783**	1	VALVE	
BD	24	1	**5P-9119**		SEALANT	
	25	1	**3D-6678**	1	STRAINER AS	
	26	1	**7B-2805**	1	LOCKRING	
	27	1	**4J-3815**	1	GASKET	
	28	1	**8T-2275**	1	BALL	
	29	1	**4J-3816**	1	PLATE	
	30	1	**4J-3754**	1	CAP-FILLER	
	31	1	**4M-6921**	1	WASHER-SPRING	
M	32	2	**6V-7744**	72	LOCKNUT (M10X1.50 THD)	
C	33	2	**6V-5839**	6	WASHER (2.5MM THK)	
	34	2	**5H-6733**	1	SEAL-O-RING (139.07MM ID)	
	35	2	**2S-4078**	1	SEAL-O-RING (37.46MM ID)	
	36	2	**9S-8010**	1	PLUG-O-RING (1 5/8-12 THD)	
M	37	2	**2Y-5829**	1	NUT (M10X1.5 THD)	
M	38	2	**6V-1820**	4	BOLT (M10X1.50X30MM)	
	39	2	**6E-4448**	1	SPACER	
	40	2	**9T-9226**	2	PLATE	
C	41	2	**4T-8698**	1	WASHER	
	42	2	**7J-2656**	1	SCREEN GP	
	43	2	**1H-9696**	1	SEAL-O-RING (44.0MM ID)	
M	44	2	**6V-7732**	2	BOLT (M10X1.5X25MM)	
	45	2	**9T-9227**	1	SCREEN AS	
M	46	2	**6V-8097**	4	BOLT (M12X1.75X30MM)	
	47	2	**4J-0527**	1	SEAL-O-RING (56.74MM ID)	
M	48	2	**6V-4248**	70	BOLT (M10X1.50X25MM)	
CM	49	2	**6A-5591**	8	BOLT (M12X1.75X25MM)	
	50	2	**6E-4729**	1	BAFFLE AS	
M		2	**6V-3822**	1	BOLT (M10X1.50X35MM)	
	51	2	**6E-4922**	1	STRAINER AS	
		2	**6E-6549**	1	PLATE	
M		2	**6V-3822**	1	BOLT (M10X1.50X35MM)	
	52	2	**9T-4872**	1	COVER AS	

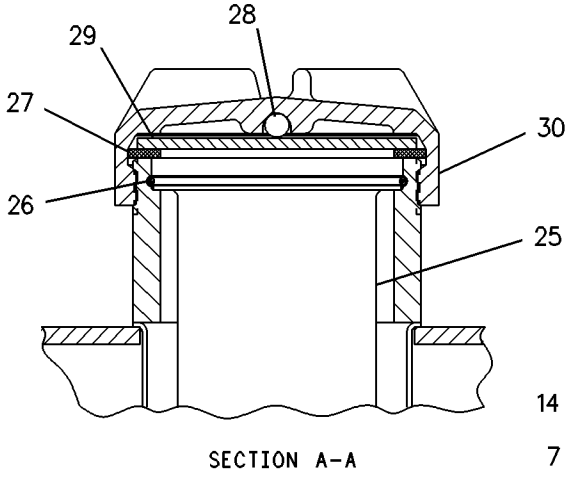
6E-4683 TANK & FILTER GP-HYDRAULIC *(contd.)* i00866345

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	53	2	**6E-6550**	1	GAUGE-LIQUID LEVEL	
C	54	2	**2H-3927**	1	SEAL-O-RING (40.64MM ID)	
C	55	2	**5D-6176**	1	COVER	

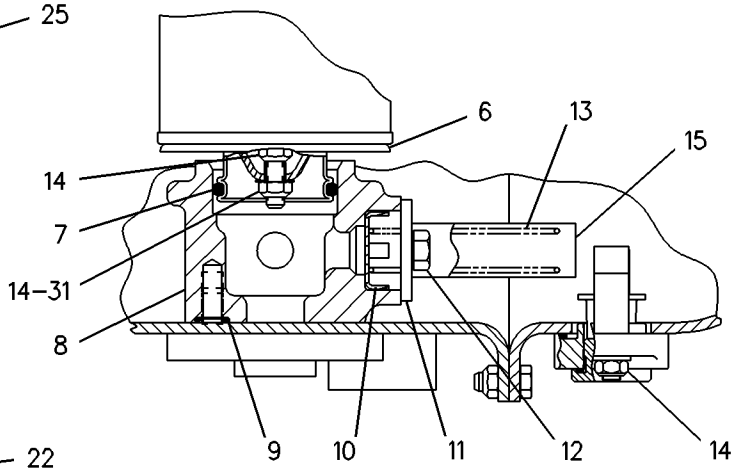
B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
D-ORDER BY THE METER
M-METRIC PART



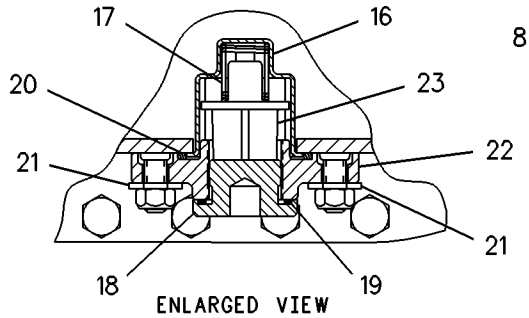




SECTION A-A



ENLARGED VIEW
OF AREA C

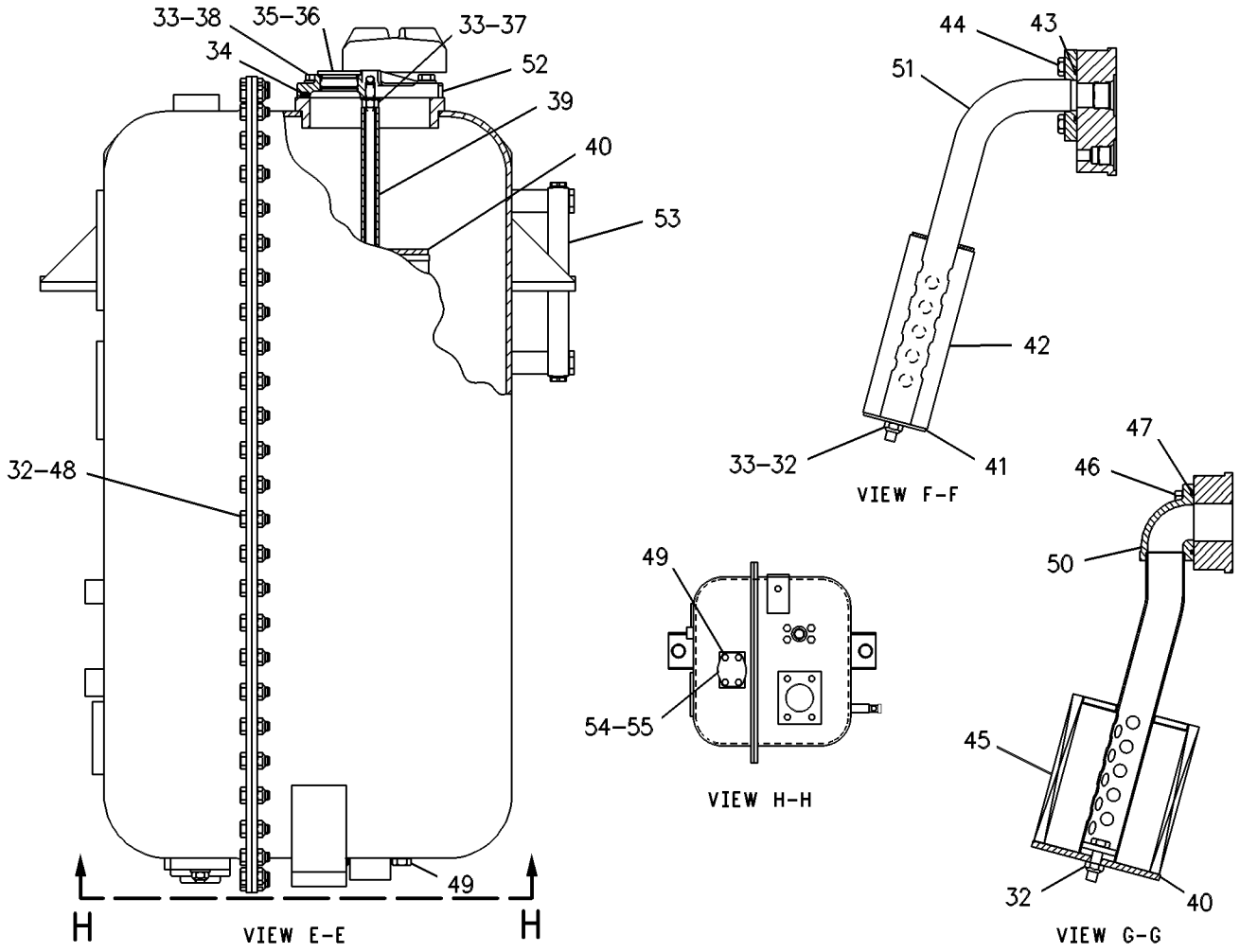


ENLARGED VIEW
OF AREA D

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

GRAPHIC #1

g00119789



GRAPHIC #2

g00430979

HYDRAULIC SYSTEM

9T-9554 TANK & FILTER GP-HYDRAULIC

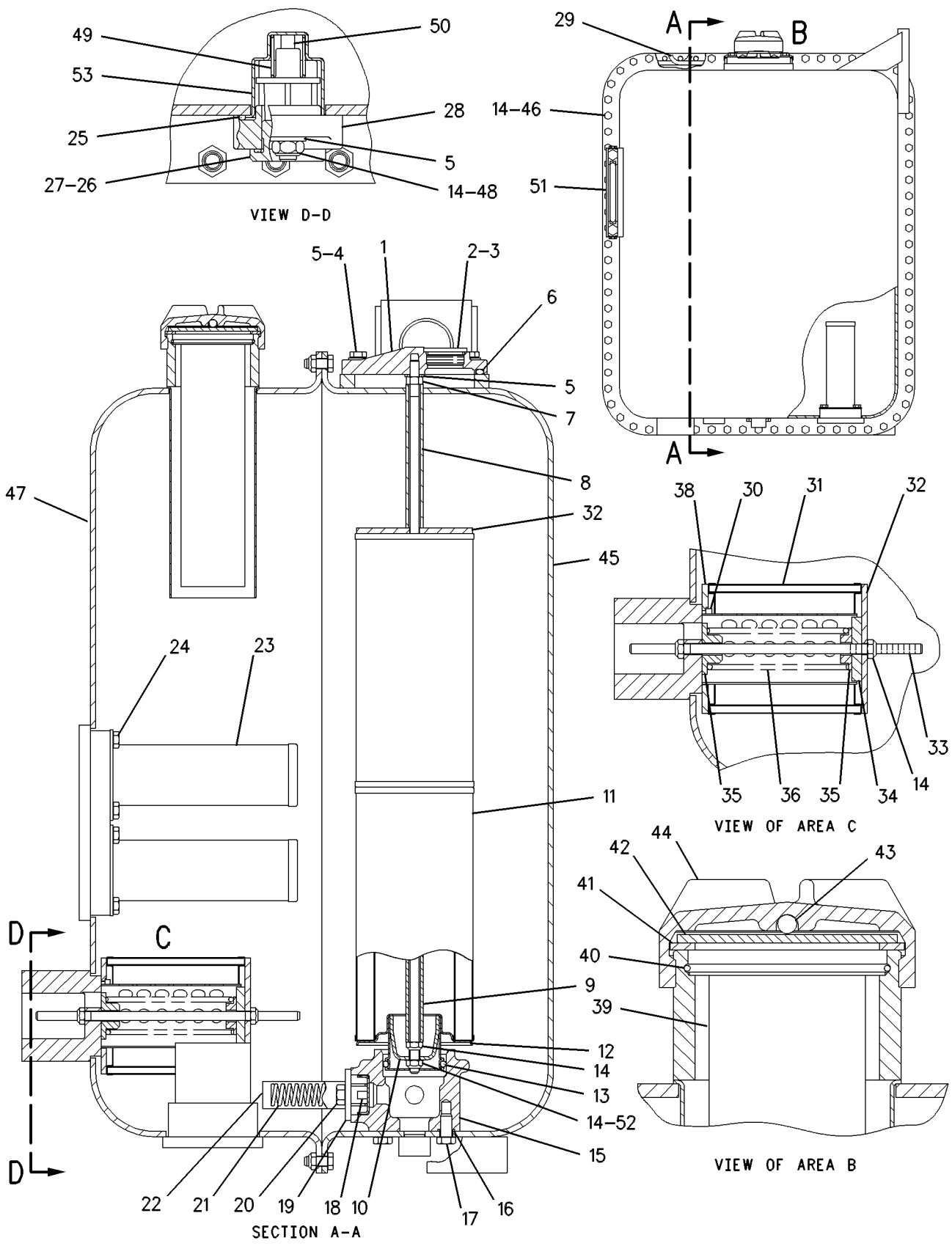
PIN 2KZ1-UP

PART OF 8R-5673 TANK & MTG GP-HYDRAULIC

SMCS-5056, 5068 **i01229290**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9T-4872**	1	COVER AS	
	2	1	**9S-8010**	1	PLUG-O-RING (1 5/8-12 THD)	
	3	1	**2S-4078**	1	SEAL-O-RING (37.46MM ID)	
M	4	1	**6V-1820**	4	BOLT (M10X1.50X30MM)	
	5	1	**6V-5839**	7	WASHER (2.5MM THK)	
	6	1	**5H-6733**	1	SEAL-O-RING (139.07MM ID)	
M	7	1	**2Y-5829**	1	NUT (M10X1.5 THD)	
	8	1	**6E-4448**	1	SPACER	
	9	1	**6E-4447**	1	ROD	
	10	1	**6E-4449**	1	SPACER	
	11	1	**4T-3134**	2	ELEMENT-FILTER (FIRE RESISTANT FLUID)	
	12	1	**9J-1979**	1	RETAINER AS	
	13	1	**7D-1195**	1	SEAL-O-RING (56.52MM ID)	
M	14	1	**6V-7744**	86	LOCKNUT (M10X1.50 THD)	
	15	1	**6E-4450**	1	BASE-FILTER	
	16	1	**6F-6672**	4	SEAL-O-RING (17.12MM ID)	
M	17	1	**6A-5591**	4	BOLT (M12X1.75X25MM)	
	18	1	**9J-1988**	1	VALVE	
	19	1	**3G-3498**	1	FLANGE	
M	20	1	**8T-4201**	2	BOLT-LOCKING (M10X1.5X20MM)	
	21	1	**1L-4349**	1	SPRING	
	22	1	**9J-1985**	1	TUBE AS	
	23	1	**118-8693**	3	SCREEN	
M	24	1	**6V-8455**	12	BOLT (M10X1.5X16MM)	
	25	1	**8T-3298**	1	SEAL-RECTANGULAR (51.7MM ID)	
	26	1	**9J-7031**	1	PLUG-DRAIN	
	27	1	**5M-2057**	1	SEAL-O-RING (34.59MM ID)	
	28	1	**8J-8782**	1	BODY-DRAIN VALVE	
BD	29	1	**5P-9119**		SEALANT	
M	30	1	**6V-5683**	3	BOLT (M6X1X16MM)	
	31	1	**9T-9227**	1	SCREEN AS	
	32	1	**9T-9226**	2	PLATE	
	33	1	**6E-4694**	1	ROD	
	34	1	**3S-4388**	1	WASHER-RETAINER	
	35	1	**6E-4451**	2	VALVE	
	36	1	**9F-8175**	1	SPRING-STEERING CLUTCH	
	38	1	**6E-4452**	1	BAFFLE AS	
	39	1	**3D-6678**	1	STRAINER AS	
	40	1	**7B-2805**	1	LOCKRING	
	41	1	**4J-3815**	1	GASKET	
	42	1	**4J-3816**	1	PLATE	
	43	1	**8T-2275**	1	BALL	
	44	1	**4J-3754**	1	CAP-FILLER	
	45	1	**6E-4436**	1	TANK AS	
M	46	1	**6V-4248**	80	BOLT (M10X1.50X25MM)	
	47	1	**6E-4440**	1	TANK AS	
M	48	1	**8T-4219**	2	STUD-WELD (M10X1.5X17.5MM)	
	49	1	**7B-3039**	1	SPRING	
	50	1	**8J-8783**	1	VALVE	
	51	1	**6E-6550**	1	GAUGE AS-LIQUID LEVEL	
	52	1	**4M-6921**	1	WASHER-SPRING	
	53	1	**1U-2827**	1	GUIDE-VALVE	

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



GRAPHIC #1 g00595944

HYDRAULIC SYSTEM

8R-5673 TANK & MTG GP-HYDRAULIC

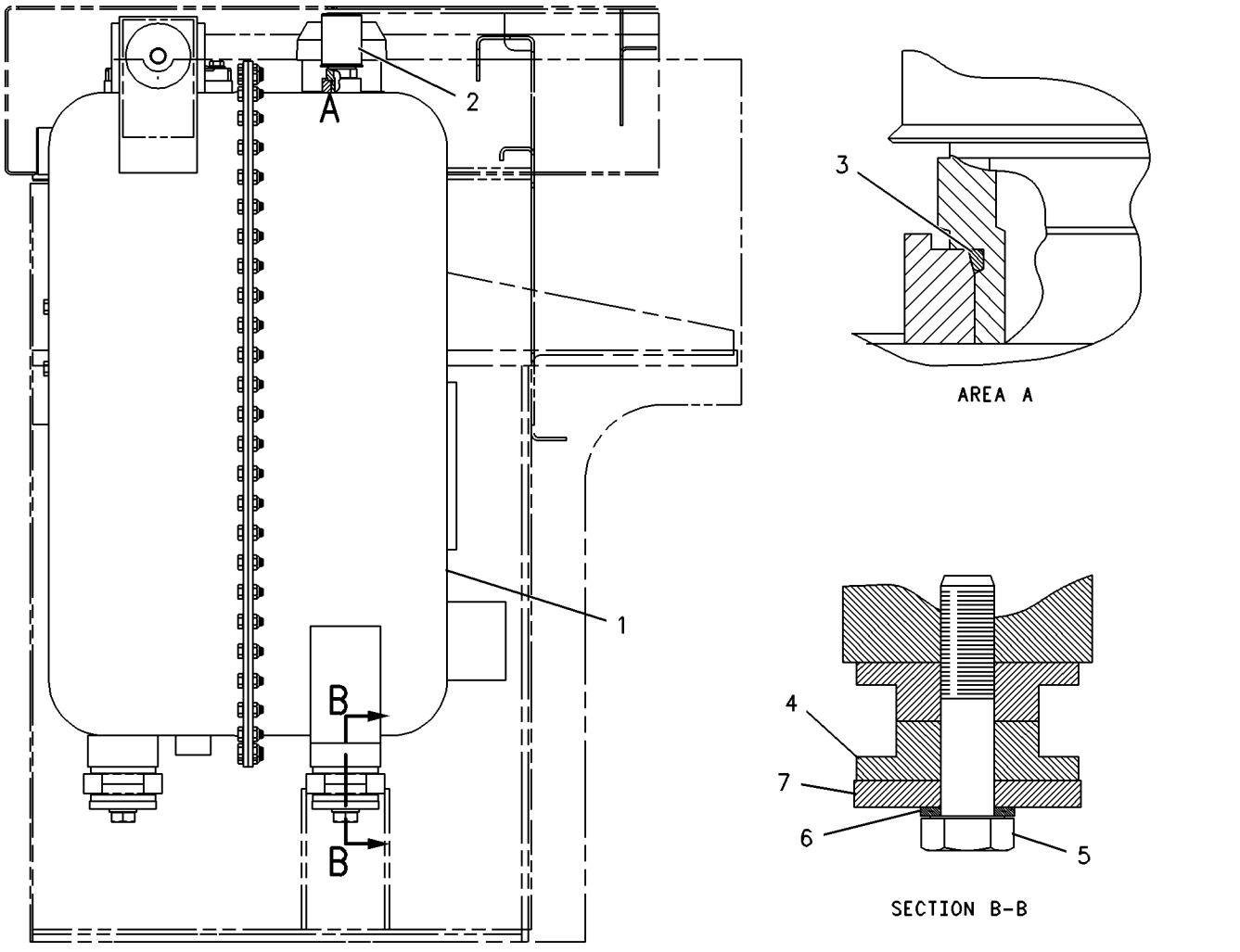
PIN 2KZ1-UP

PART OF 152-9753 HYDRAULIC AR

SMCS-5056, 5068 **i00174116**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	*9T-9554*	1	TANK & FILTER GP	522
Y	2	1	**6E-3528**	1	VALVE GP-BREAKER RELIEF	528
	3	1	**3D-2824**	1	SEAL-O-RING (23.47MM ID)	
	4	1	**6T-1698**	6	MOUNTING	
M	5	1	**7X-2564**	3	BOLT (M20X2.5X90MM)	
	6	1	**8T-4123**	3	WASHER-PLATED (3.5MM THK)	
	7	1	**7Y-6371**	3	WASHER	

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00119782

HYDRAULIC SYSTEM

8R-5674 TANK & MTG GP-HYDRAULIC

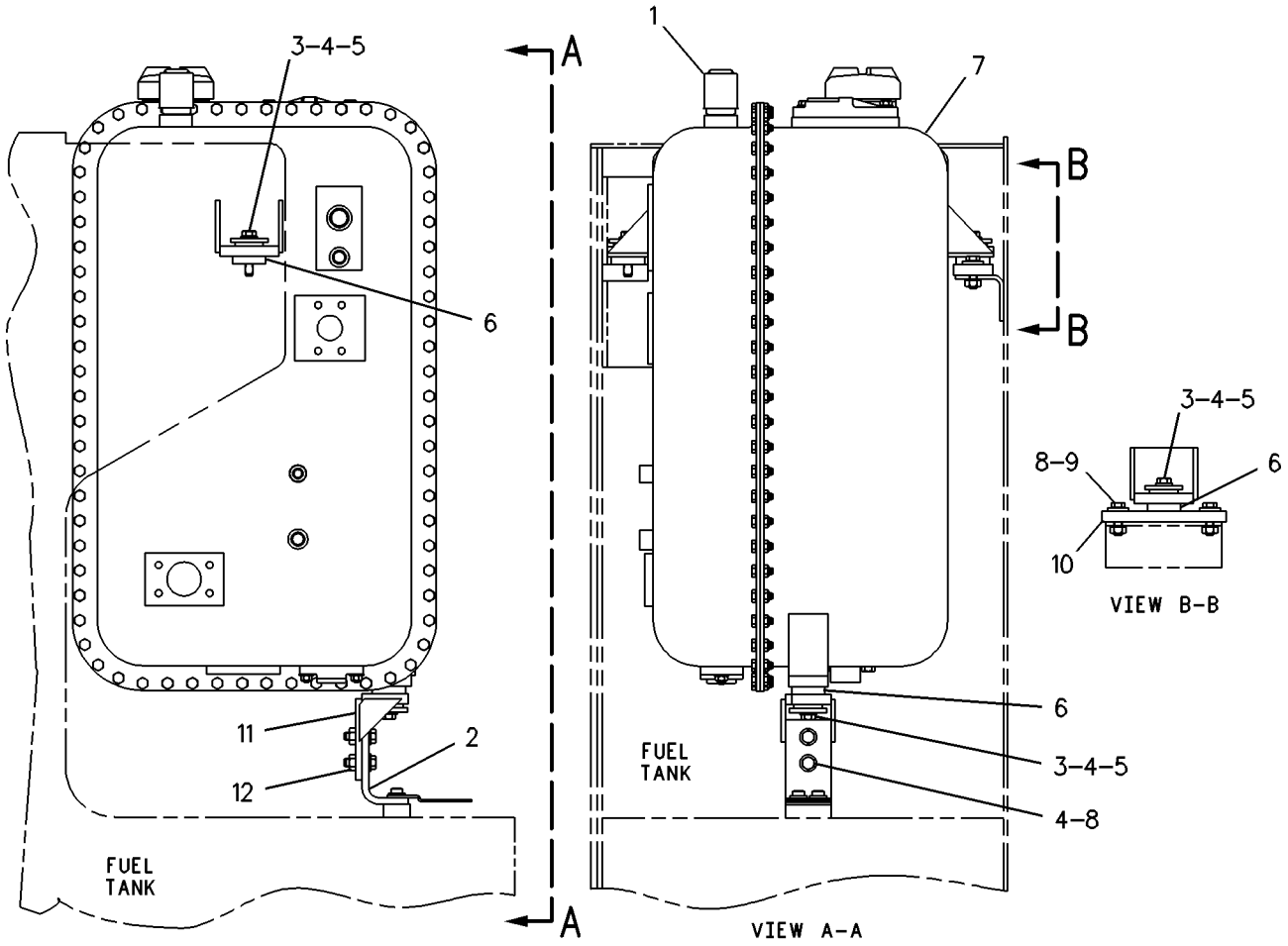
PIN 2KZ1-UP

PART OF 152-9753 HYDRAULIC AR

SMCS-5056, 5068 **i00174124**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**6E-3528**	1	VALVE GP-BREAKER RELIEF	528
		1	**3D-2824**	1	SEAL-O-RING (23.47MM ID)	
	2	1	**100-3032**	1	BRACKET	
M	3	1	**8T-4910**	3	BOLT (M12X1.75X60MM)	
	4	1	**8T-4223**	5	WASHER-HARD (3MM THK)	
	5	1	**7G-8839**	3	SPACER (6MM THK)	
	6	1	**7T-8331**	3	MOUNTING	
Y	7	1	*6E-4683*	1	TANK & FILTER GP-HYDRAULIC	518
M	8	1	**8T-4183**	4	BOLT (M12X1.75X40MM)	
	9	1	**7X-0550**	2	WASHER-HARD	
	10	1	**4E-8569**	1	BAR	
	11	1	**100-3037**	1	BRACKET AS	
M	12	1	**8T-3597**	2	NUT-WELD (M12X1.75 THD)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00119785

152-9762 VALVE & MTG GP-CONTROL

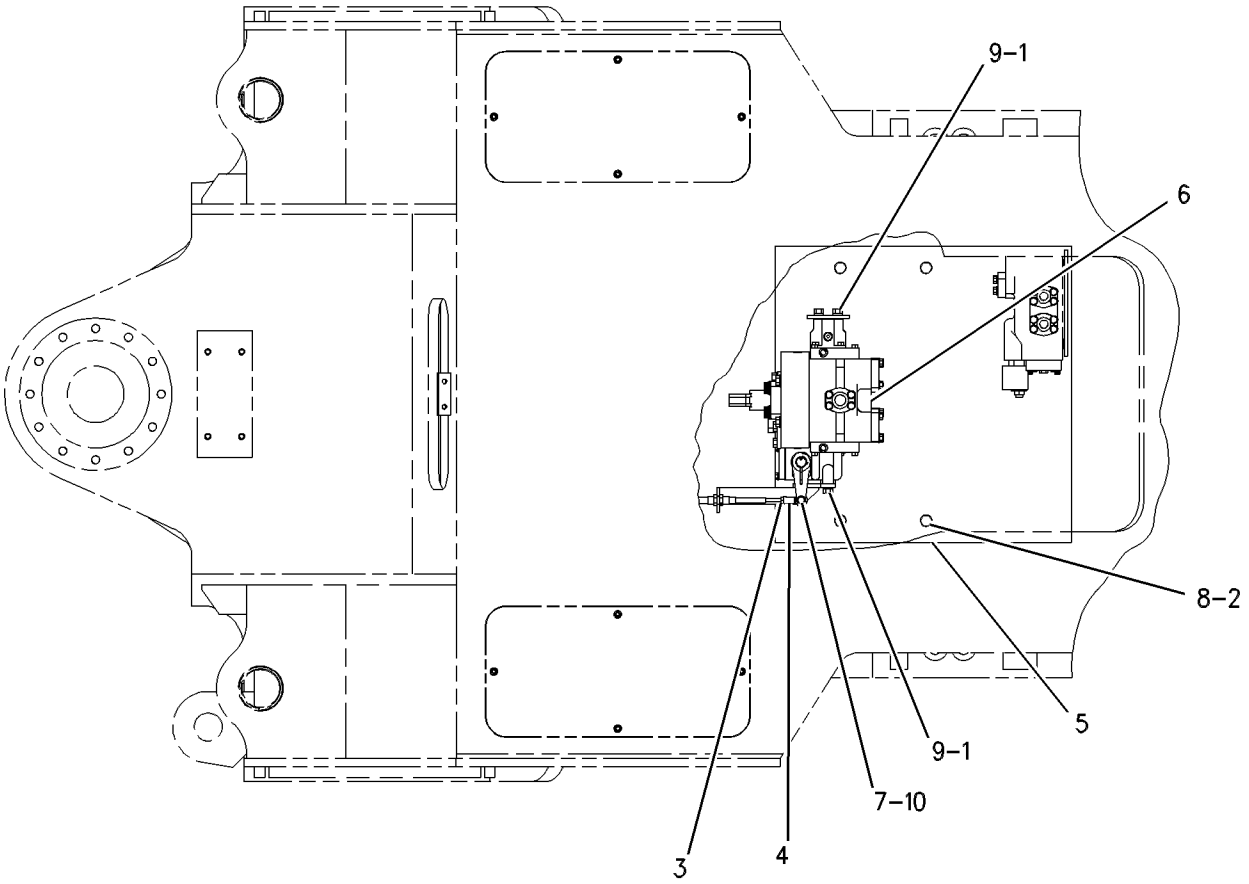
PIN 2KZ1-UP

PART OF 152-9753 HYDRAULIC AR

SMCS-5051 **i00793605**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3B-4508**	4	LOCKWASHER (3.84MM THK)	
	2	1	**3B-4510**	4	LOCKWASHER	
	3	1	**5B-9079**	1	NUT-JAM (3/8-24 THD)	
	4	1	**5P-5390**	1	ROD END	
	5	1	**152-9769**	1	SUPPORT GP-IMPLEMENT CONTROL	
Y	6	1	**157-0046**	1	VALVE GP-MAIN CONTROL	532
	7	1	**0S-1588**	1	BOLT (3/8-16X1.25IN)	
	8	1	**0S-1589**	4	BOLT (5/8-11X1.75IN)	
	9	1	**0S-1621**	4	BOLT (1/2-13X1IN)	
	10	1	**9S-8752**	1	NUT-FULL (3/8-16 THD)	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00376844

152-9763 VALVE & MTG GP-TILT & TIP CONT

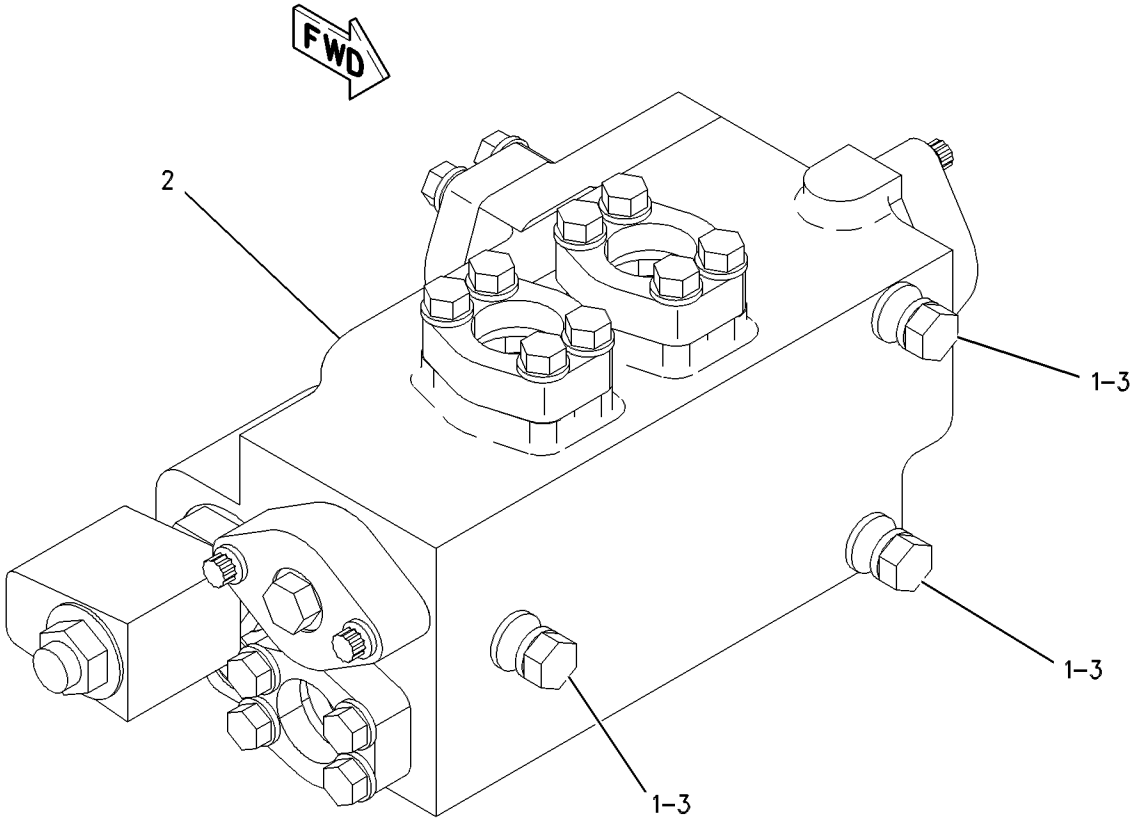
PIN 2KZ1-UP

PART OF 152-9753 HYDRAULIC AR

SMCS-5051 **i00792382**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**3B-4507**	3	LOCKWASHER	
Y	2	1	**4T-6919**	1	VALVE GP-TILT CONTROL	543
	3	1	**0T-0318**	3	BOLT (7/16-14X1IN)	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00376652

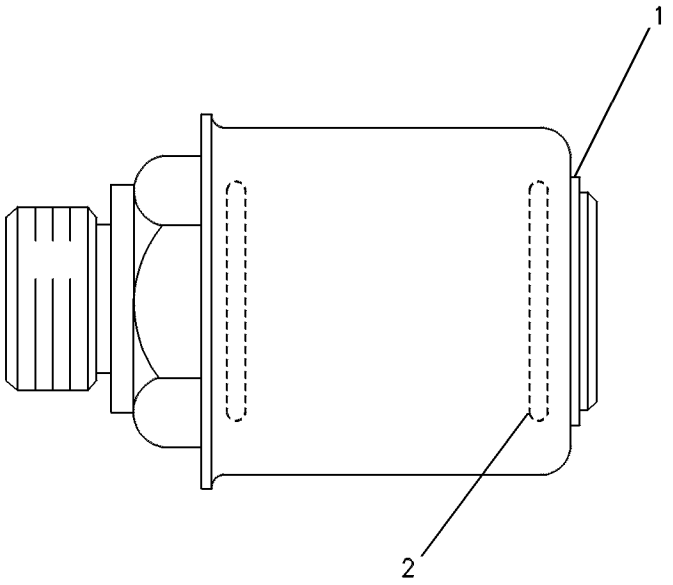
6E-3528 VALVE GP-BREAKER RELIEF

PIN 2KZ1-UP

PART OF 8R-5673, 8R-5674 TANK & MTG GP-HYDRAULIC

SMCS-5118 **i01121647**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**5P-8132**	1	RING-RETAINING (23.47MM ID)	
	2	1	**2S-4663**	2	SEAL-O-RING (31.42MM ID)	
					AVAILABLE REPAIR KIT(S):	
			1U-0367	1	KIT-SEAL	
					(INCLUDES SEALS & LOCKRING)	



GRAPHIC #1 g00085014

9T-9551 VALVE GP-COMBINATION

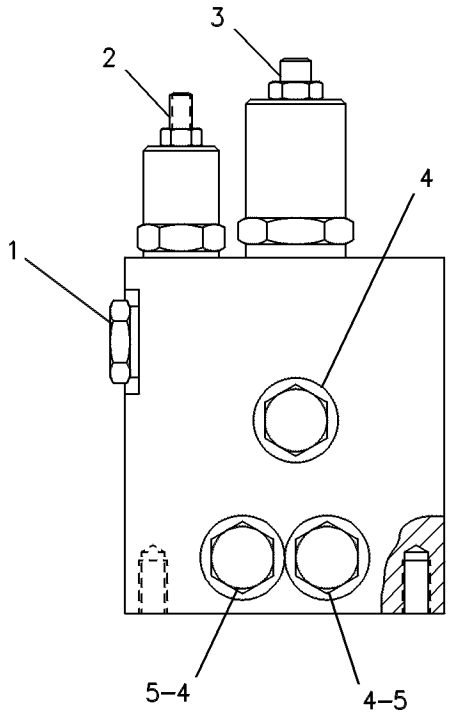
PIN 2KZ1-UP

PART OF 3Q-6232 LINES GP-PILOT

SMCS-5064 **i00174424**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6R-0442**	1	VALVE	
	2	1	**6E-6293**	1	VALVE GP-RELIEF	
C	3	1	**117-7761**	1	VALVE GP-UNLOADING	
	4	1	**108-1172**	3	VALVE GP-CHECK	
	5	1	**108-1176**	2	PLUG-ORIFICE	

C-CHANGE FROM PREVIOUS TYPE



GRAPHIC #1 g00120130

HYDRAULIC SYSTEM

9T-5769 VALVE GP-CONTROL

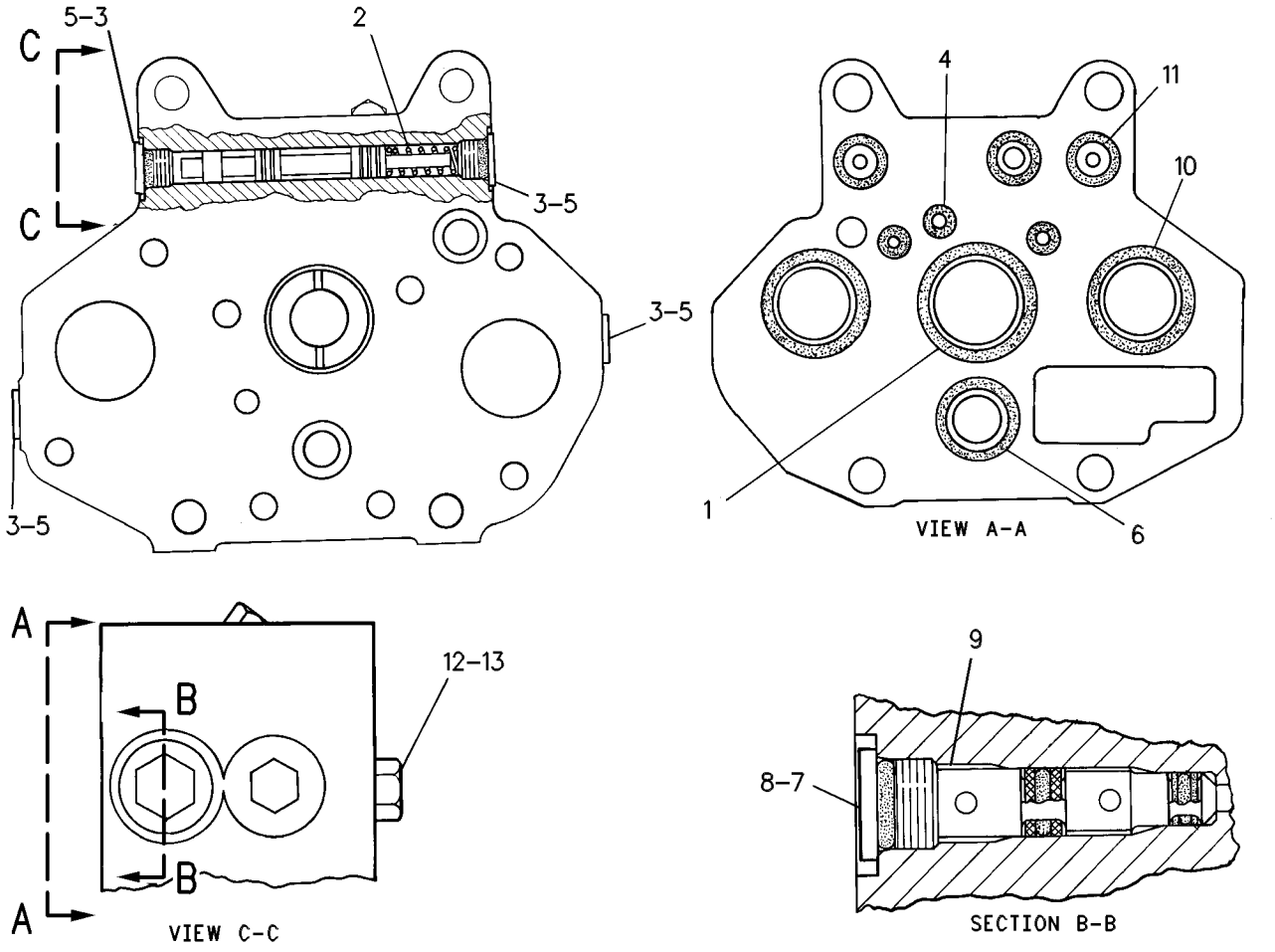
PIN 2KZ1-UP

PART OF 157-0046 VALVE GP-MAIN CONTROL

SMCS-5051 **i00764888**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4J-0523**	1	SEAL-O-RING (44.04MM ID)	
	2	1	**9J-5756**	1	SPRING	
	3	1	**9S-8004**	4	PLUG-O-RING (9/16-18 THD)	
	4	1	**9J-6491**	3	SEAL-O-RING	
	5	1	**3J-1907**	4	SEAL-O-RING (11.89MM ID)	
	6	1	**4J-8997**	1	SEAL-O-RING (28.17MM ID)	
	7	1	**3K-0360**	1	SEAL-O-RING (16.36MM ID)	
	8	1	**9S-8005**	1	PLUG-O-RING (3/4-16 THD)	
Y	9	1	**4T-4073**	1	VALVE GP-SHUTTLE	541
	10	1	**4J-0522**	2	SEAL-O-RING (37.69MM ID)	
	11	1	**6J-1038**	3	SEAL-O-RING	
	12	1	**9S-4180**	3	PLUG-O-RING (5/16-24 THD)	
	13	1	**4J-7533**	3	SEAL-O-RING (6.07MM ID)	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00248438

MEMORANDA

HYDRAULIC SYSTEM

157-0046 VALVE GP-MAIN CONTROL

PIN 2KZ1-UP

PART OF 152-9762 VALVE & MTG GP-CONTROL

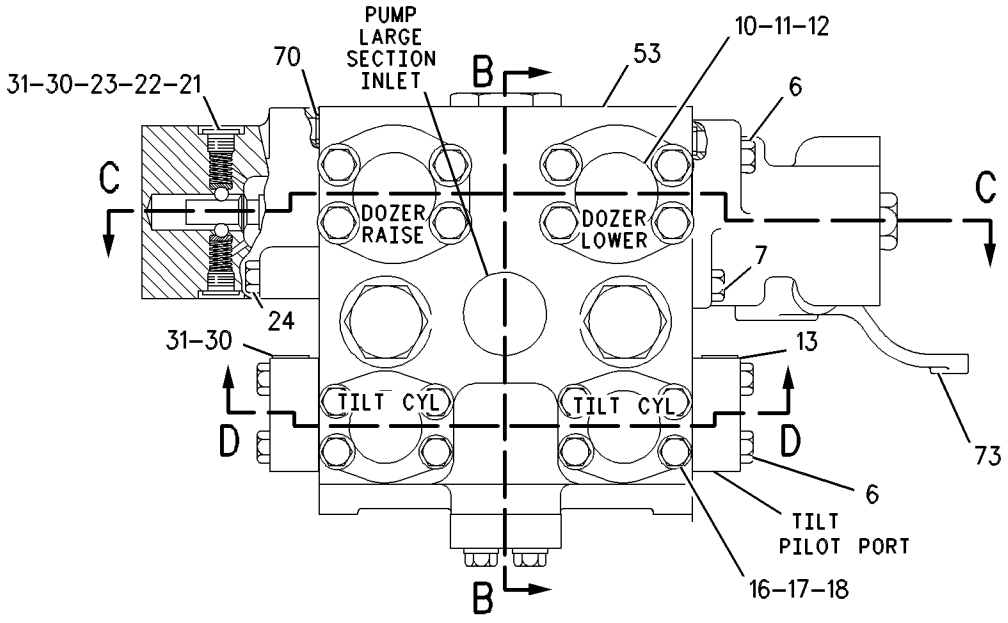
SMCS-5051 **i01252802**

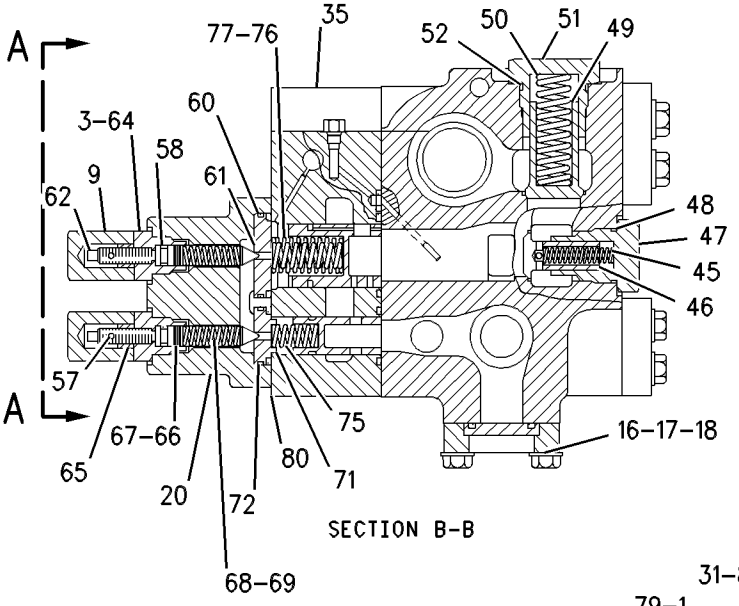
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6V-9829**	2	CAP AS (11/16-16 THD)	
B	2	2	**4T-8594**	1	SHIM (.4MM THK)	
	3	1	**2M-9780**	2	SEAL-O-RING (19.18MM ID)	
	5	1	**1H-8720**	2	SEAL-O-RING (59.92MM ID)	
	6	1	**7X-0288**	9	BOLT (3/8-16X1.625IN)	
	7	1	**4L-6454**	3	BOLT (3/8-16X1 IN)	
	8	1	**8T-9041**	1	CONNECTOR	
	9	1	**3G-8165**	2	NUT	
	10	1	**1P-4578**	4	FLANGE-HALF	
	11	1	**7X-0308**	8	BOLT (7/16-14X1.375IN)	
	12	1	**8T-5360**	8	WASHER (2.5MM THK)	
	13	1	**3G-8415**	2	COVER	
	14	2	**7X-0328**	4	BOLT (1/2-13X3.50IN)	
	16	1	**1P-4577**	6	FLANGE-HALF	
	17	1	**5S-7382**	12	BOLT (3/8-16 X 1.375 IN)	
	18	1	**8T-4896**	12	WASHER-HARD (2.5MM THK)	
	19	2	**4J-0523**	2	SEAL-O-RING (44.04MM ID)	
	20	1	**9T-5483**	1	BODY-VALVE	
	21	1	**3D-2891**	2	BALL	
	22	1	**9J-1999**	2	SEAT	
	23	1	**5J-1389**	2	SPRING	
	24	1	**5S-7383**	4	BOLT (3/8-16X1.75IN)	
	25	1	**3G-8149**	1	RETAINER	
	26	1	**126-7142**	1	SPRING	
	27	1	**3G-8148**	2	RETAINER	
	28	1	**3G-5766**	1	BOLT	
	29	2	**6V-1982**	1	BEARING-THRUST	
	30	1,2	**9S-8004**	7	PLUG-O-RING (9/16-18 THD)	
	31	1,2	**3J-1907**	8	SEAL-O-RING (11.89MM ID)	
	32	2	**8T-8919**	1	BOLT (1/2-13X1.75IN)	
	33	1	**6V-9200**	1	ELBOW-FACE SEAL (90 DEGREES)	
	34	1	**3J-7354**	1	SEAL-O-RING (8.92MM ID)	
Y	35	1	**9T-5769**	1	VALVE GP-CONTROL	530
	36	2	**3G-1258**	2	RETAINER	
	37	2	**9J-5754**	2	SPRING	
	38	2	**9J-5753**	2	SPRING	
	39	2	**4J-0522**	2	SEAL-O-RING (37.69MM ID)	
	40	2	**4J-8996**	2	SEAL-O-RING (21.82MM ID)	
	41	2	**8J-7366**	2	PLUG	
	42	2	**2N-7029**	2	SPRING-CONTROL PIN	
	43	2	**9T-3747**	2	VALVE (LOAD CHECK)	
	44	2	**8T-4223**	4	WASHER-HARD (3MM THK)	
	45	1	**3G-3475**	2	SPRING	
	46	1	**6E-4343**	2	VALVE (LOAD CHECK)	
	47	1	**3G-8710**	2	PLUG-O-RING	
	48	1	**7M-8485**	2	SEAL-O-RING (29.74MM ID)	
	49	1	**9T-3746**	1	VALVE (LOAD CHECK)	
	50	1	**2A-5885**	1	SPRING	
	51	1	**8J-7360**	1	PLUG-O-RING	
	52	1	**2S-4078**	1	SEAL-O-RING (37.46MM ID)	
	53	1	**130-5853**	1	VALVE GP	
	54	2	**5P-2228**	2	BOLT (1/2-13X1.0 IN)	
	55	1	**2M-4453**	1	SEAL-O-RING (12.29MM ID)	
	56	2	**3K-6113**	4	WASHER-HARD (3MM THK)	
	57	1	**3F-4479**	2	PIN-SPRING	
	58	1	**6J-3134**	2	SEAL (7.59MM ID)	

157-0046 VALVE GP-MAIN CONTROL *(contd.)* i01252802

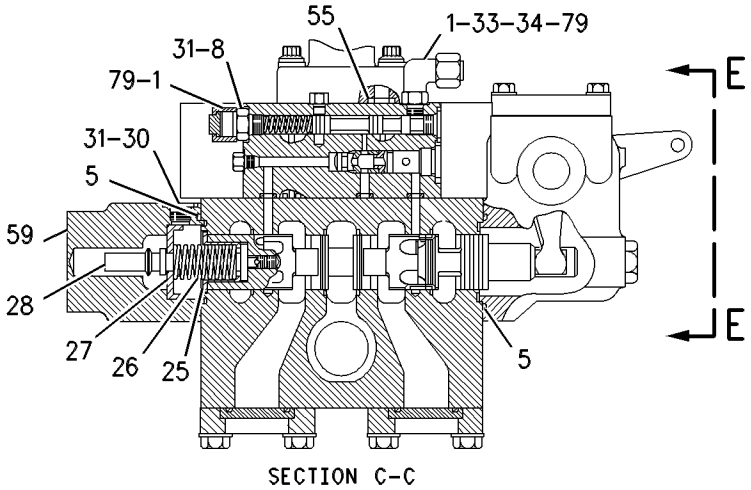
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	59	1	**8J-7467**	1	HOUSING	
	60	1	**7D-9749**	1	SEAL-O-RING	
	61	1	**8J-7466**	1	SEAT	
	62	1	**3G-8163**	2	SCREW-ADJUSTMENT	
	63	2	**7J-1592**	1	COVER	
	64	1	**1U-1799**	2	PLUG	
	65	1	**3G-8164**	2	NUT	
B	66	1	**3J-7470**	4	SHIM (1.22MM THK)	
B	67	1	**3J-7473**	12	SHIM (0.12MM THK)	
	68	1	**2J-6089**	2	SPRING	
	69	1	**6J-2561**	2	VALVE-RELIEF POPPET	
	70	1	**5H-6005**	2	SEAL-O-RING (10.77MM ID)	
	71	1	**8J-7462**	1	SEAT	
	72	1	**3S-9233**	1	SEAL-O-RING (29.82MM ID)	
	73	1	**160-0032**	1	LEVER	
	74	2	**5P-7892**	1	BOLT-12 POINT HEAD	
	75	1	**5J-4664**	1	SPRING	
	76	1	**9J-5499**	1	SPRING	
	77	1	**9J-5498**	1	SPRING	
	78	2	**7X-3174**	1	BOLT	
	79	1	**6V-8397**	2	SEAL-O-RING (9.27MM ID)	
	80	1	**4J-8997**	1	SEAL-O-RING (28.17MM ID)	
	81	2	**3J-5552**	1	GASKET	
	82	2	**7J-2596**	1	COVER	
	83	2	**6V-5782**	4	BOLT (5/16-18X1.125IN)	
	84	2	**8T-4224**	4	WASHER-HARD (8.8X16X2MM THK)	
	85	2	**2K-5830**	1	BEARING-NEEDLE	
	86	2	**6V-4253**	1	SEAL-LIP	
	87	2	**9J-1302**	1	SHAFT-GOVERNOR CONTROL	
	88	2	**1B-8707**	2	KEY-WOODRUFF	
	89	2	**5J-3241**	1	BEARING-NEEDLE	
	90	2	**9J-0791**	1	HOUSING-LEVER	
	91	2	**3J-7582**	1	LEVER	
	92	2	**5P-7972**	4	BOLT-12 POINT HEAD	

B-USE AS REQUIRED
Y-SEPARATE ILLUSTRATION



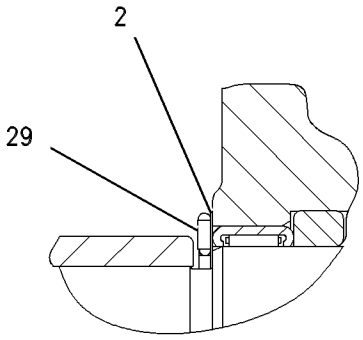


SECTION B-B

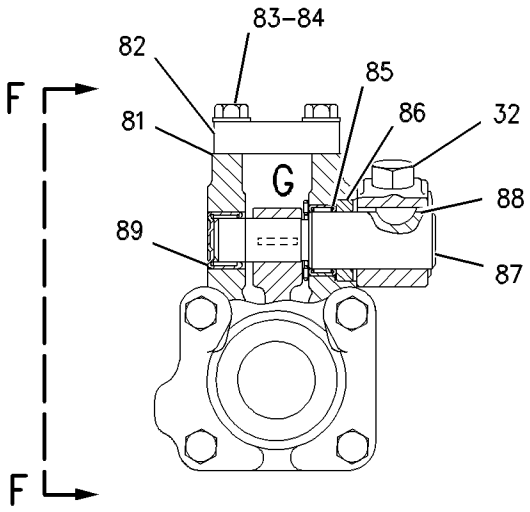


SECTION C-C

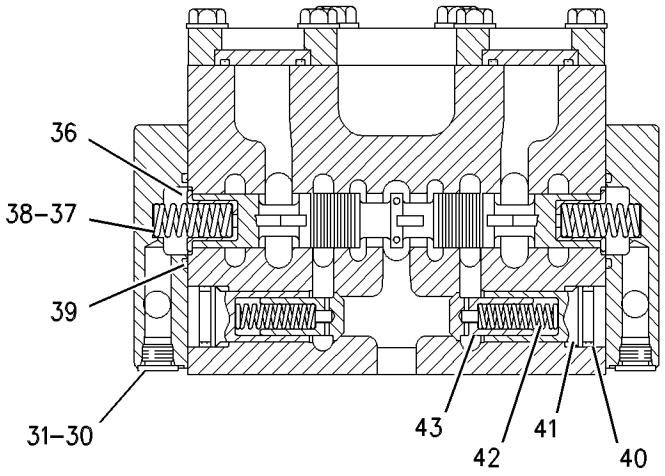
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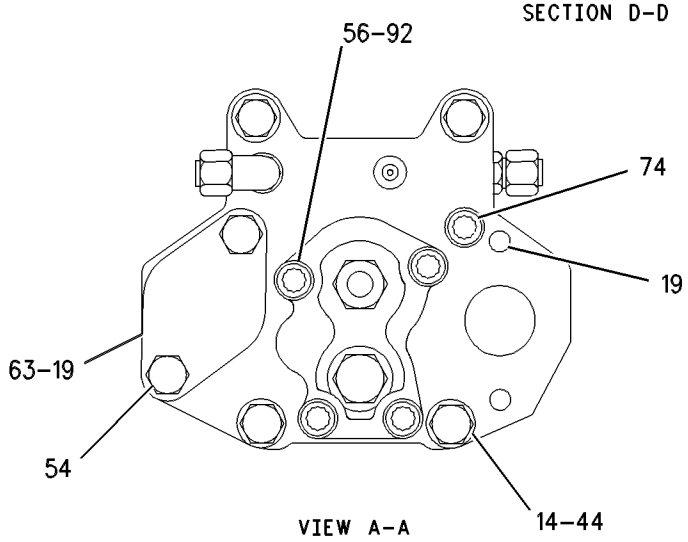
VIEW OF AREA G



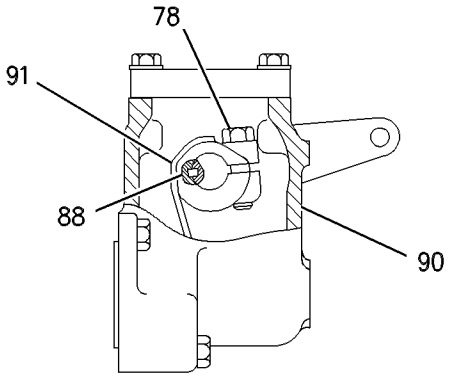
VIEW E-E



SECTION D-D



VIEW A-A



VIEW F-F

GRAPHIC #2 g00378126

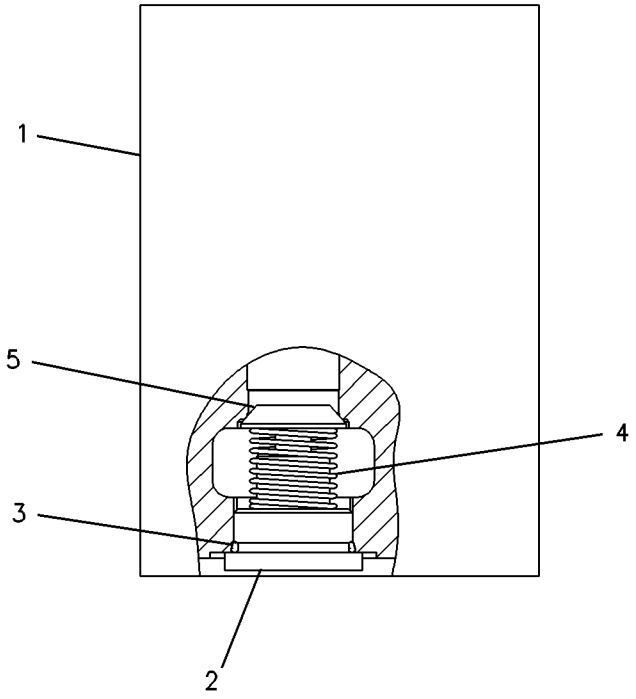
101-9012 VALVE GP-MAKEUP–FAN DRIVE

PIN 2KZ1-UP

PART OF 4E-9659 LINES GP-HYDRAULIC FAN DRIVE

SMCS-5080 **i00173903**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**104-7376**	1	BODY	
	2	1	**1U-0323**	1	PLUG AS	
		1	**1U-0322**	1	BEARING-SLEEVE	
		1	**3G-2683**	1	PLUG-O-RING (1 5/8-12 THD)	
	3	1	**2S-4078**	1	SEAL-O-RING (37.46MM ID)	
	4	1	**7S-8491**	1	SPRING	
	5	1	**7J-7423**	1	VALVE	



GRAPHIC #1 g00119799

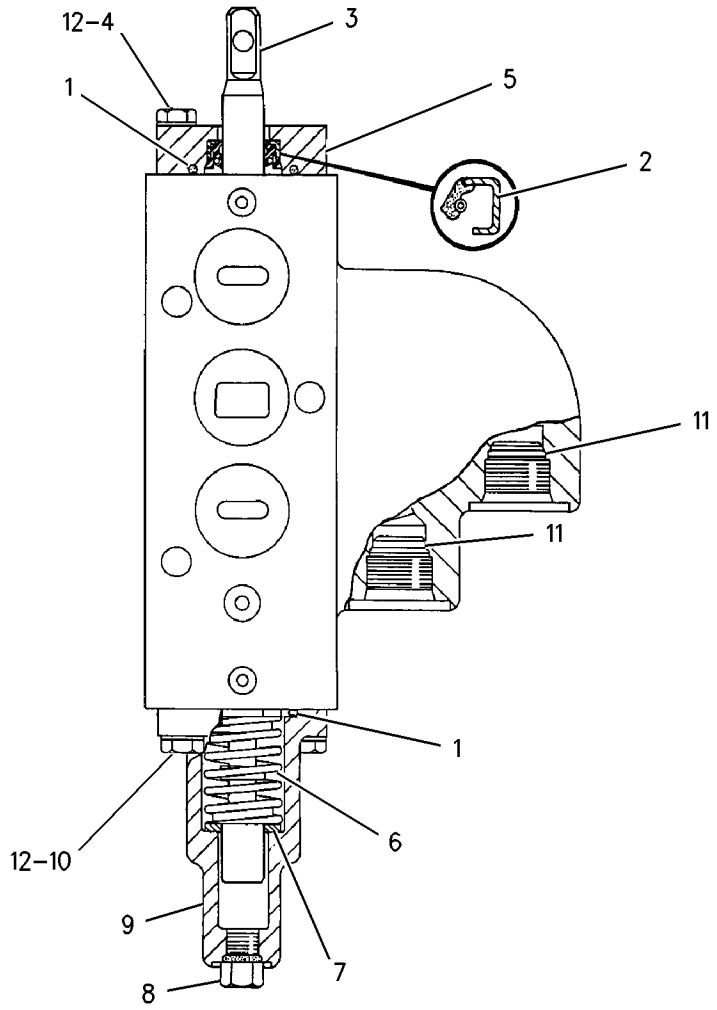
9T-7883 VALVE GP-PILOT–TILT

PIN 2KZ1-UP

PART OF 153-3957 CONTROL GP-HYDRAULIC HAND

SMCS-5059 **i01229292**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**2K-8199**	2	SEAL-O-RING (28.24MM ID)	
	2	1	**6V-1949**	1	SEAL-LIP	
	3	1	**3G-8696**	1	VALVE GP-PILOT (TILT)	
	4	1	**8T-8908**	4	BOLT (1/4-20X1IN)	
	5	1	**9J-8714**	1	HOUSING-SEAL	
	6	1	**9J-4800**	1	SPRING	
	7	1	**7J-7844**	4	RETAINER	
	8	1	**9S-4180**	1	PLUG-O-RING (5/16-24 THD)	
		1	**4J-7533**	1	SEAL-O-RING (6.07MM ID)	
	9	1	**9J-4772**	1	HOUSING-SPRING	
	10	1	**4M-5281**	2	BOLT (1/4-20X.750IN)	
	11	1	**3G-9037**	2	PLUG-ORIFICE	
	12	1	**8T-4205**	6	WASHER-HARD (2MM THK)	



GRAPHIC #1 g00658029

116-6399 VALVE GP-PILOT RELIEF

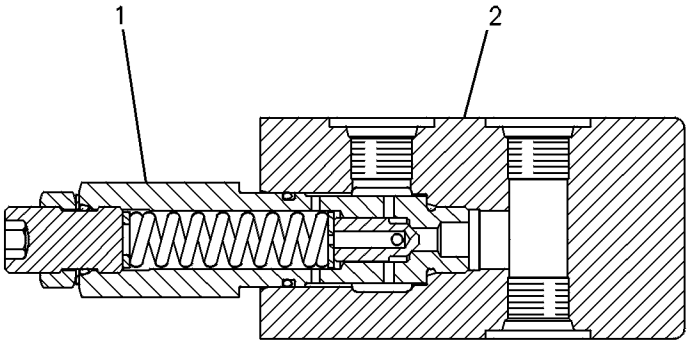
PIN 2KZ1-UP

PART OF 3Q-6232 LINES GP-PILOT

SMCS-5072 **i01125486**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**6E-2377**	1	VALVE GP-RELIEF	540
	2	1	**116-6398**	1	MANIFOLD	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00120658

4T-4204 VALVE GP-QUICK-DROP

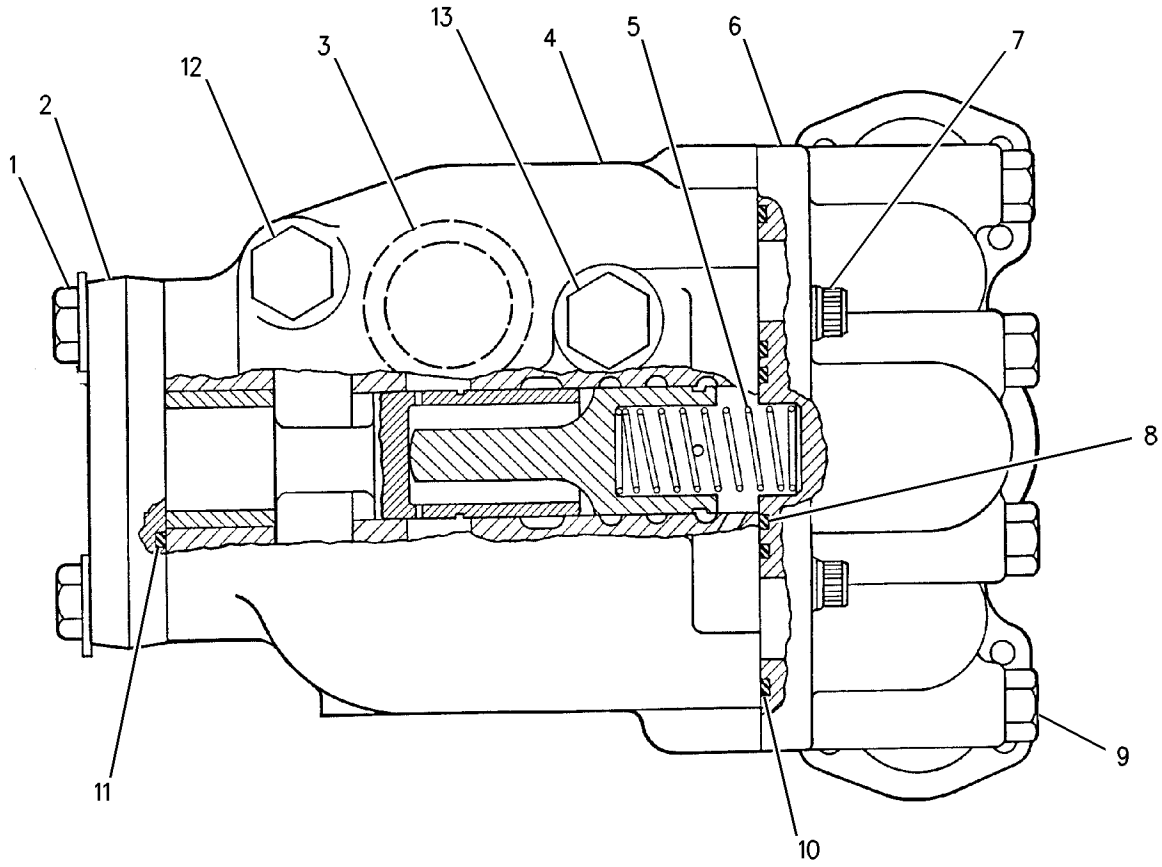
PIN 2KZ1-UP

PART OF 153-1777, 153-1778 CYLINDER & VALVE GP-LIFT

SMCS-5110 **i01229293**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	**0S-1587**	2	BOLT (1/2-13X1.75IN)	
C		1	**5P-1076**	2	WASHER-HARD (4MM THK)	
	2	1	**6V-1849**	1	COVER	
C	3	1	**4J-0526**	1	SEAL-O-RING (53.57MM ID)	
	4	1	**4T-4202**	1	VALVE GP	
		1	**4T-4207**	1	PLUG-ORIFICE (1/16-27 THD)	
	5	1	**7M-1297**	1	SPRING	
C	6	1	**9T-4733**	1	MANIFOLD	
	7	1	**8M-2530**	2	BOLT-12 POINT HEAD (1/2-13X1.25IN)	
C	8	1	**4J-5573**	1	SEAL-O-RING (40.87MM ID)	
	9	1	**1D-4566**	5	BOLT (1/2-13X3.5IN)	
C	10	1	**4J-0522**	3	SEAL-O-RING (37.69MM ID)	
C	11	1	**4J-0525**	1	SEAL-O-RING (50.39MM ID)	
	12	1	**0S-1569**	1	BOLT (5/8-11X4IN)	
	13	1	**1D-4593**	1	BOLT (5/8-11X5.5IN)	

C-CHANGE FROM PREVIOUS TYPE



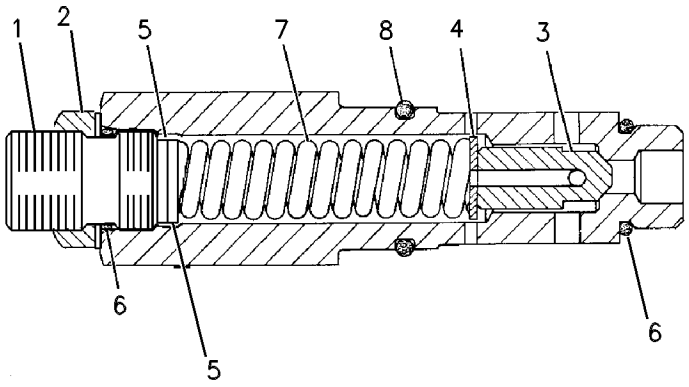
GRAPHIC #1 g00657968

6E-2377 VALVE GP-RELIEF–PILOT

PIN 2KZ1-UP
DIRECT OPERATED
PART OF 116-6399 VALVE GP-PILOT RELIEF

SMCS-5069, 5117 **i00174238**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6E-1835**	1	RETAINER AS	
	2	1	**9X-6395**	1	NUT-ORFS (3/4-16 THD)	
	3	1	**6J-6439**	1	VALVE	
	4	1	**4T-7571**	1	PLATE	
	5	1	**9M-1974**	2	WASHER-HARD (2MM THK)	
	6	1	**3K-0360**	2	SEAL-O-RING (16.36MM ID)	
	7	1	**4T-2741**	1	SPRING	
	8	1	**7J-9933**	1	SEAL-O-RING (21.89MM ID)	



GRAPHIC #1 g00121353

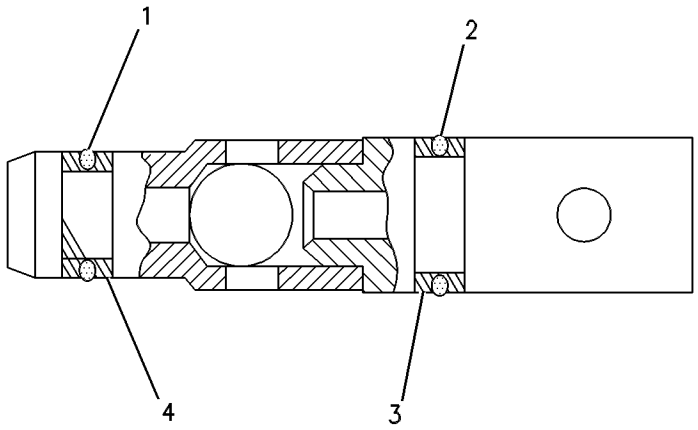
4T-4073 VALVE GP-SHUTTLE

PIN 2KZ1-UP

PART OF 9T-5769 VALVE GP-CONTROL

SMCS-5079 **i00758714**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**033-6039**	1	SEAL-O-RING (9.25MM ID)	
	2	1	**8L-2777**	1	SEAL-O-RING (10.77MM ID)	
	3	1	**6E-0382**	2	RING-BACKUP	
	4	1	**6E-0381**	2	RING-BACKUP	



GRAPHIC #1 g00279740

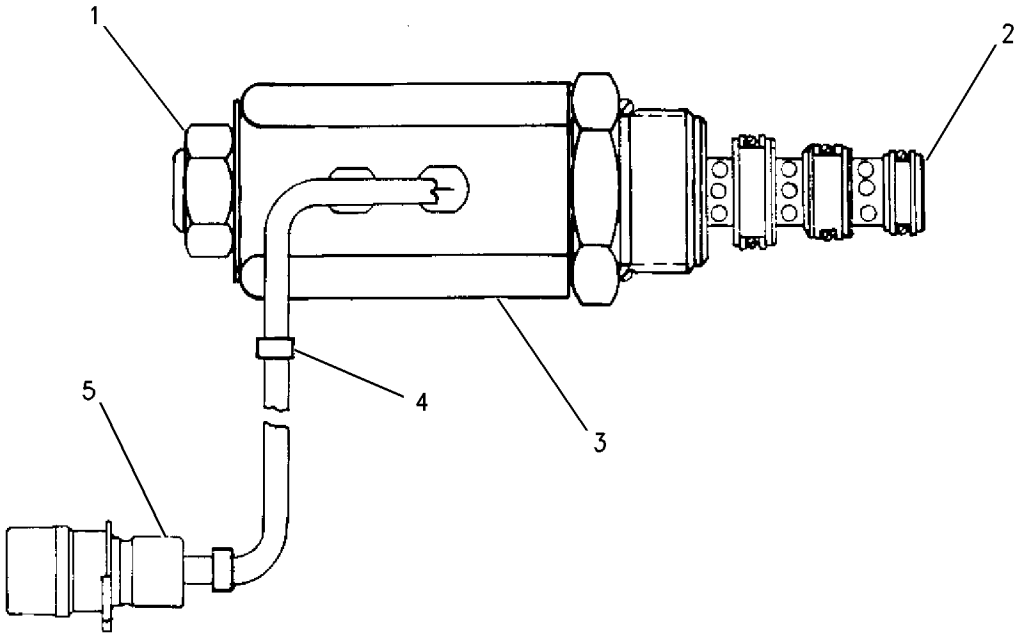
6T-8208 VALVE GP-SOLENOID–TILT

PIN 2KZ1-UP

PART OF 4T-6919 VALVE GP-TILT CONTROL

SMCS-5132, 5479 **i01229294**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9S-1354**	1	NUT (5/8-18 THD)	
		1	**9C-7035**	1	WASHER	
	2	1	**6T-9244**	1	CARTRIDGE AS	
	3	1	**6T-3383**	1	COIL AS	
	4	1	**1S-9593**	2	STRAP-CABLE (0.62IN DIA)	
	5	1	**7N-8205**	1	HOUSING-PLUG	
		1	**7N-7780**	2	PIN-CONNECTOR (BLADE)	
		1	**7N-7779**	2	SOCKET	
					AVAILABLE REPAIR KIT(S):	
			6T-3381		KIT-SEAL	



GRAPHIC #1 g00658010

4T-6919 VALVE GP-TILT CONTROL

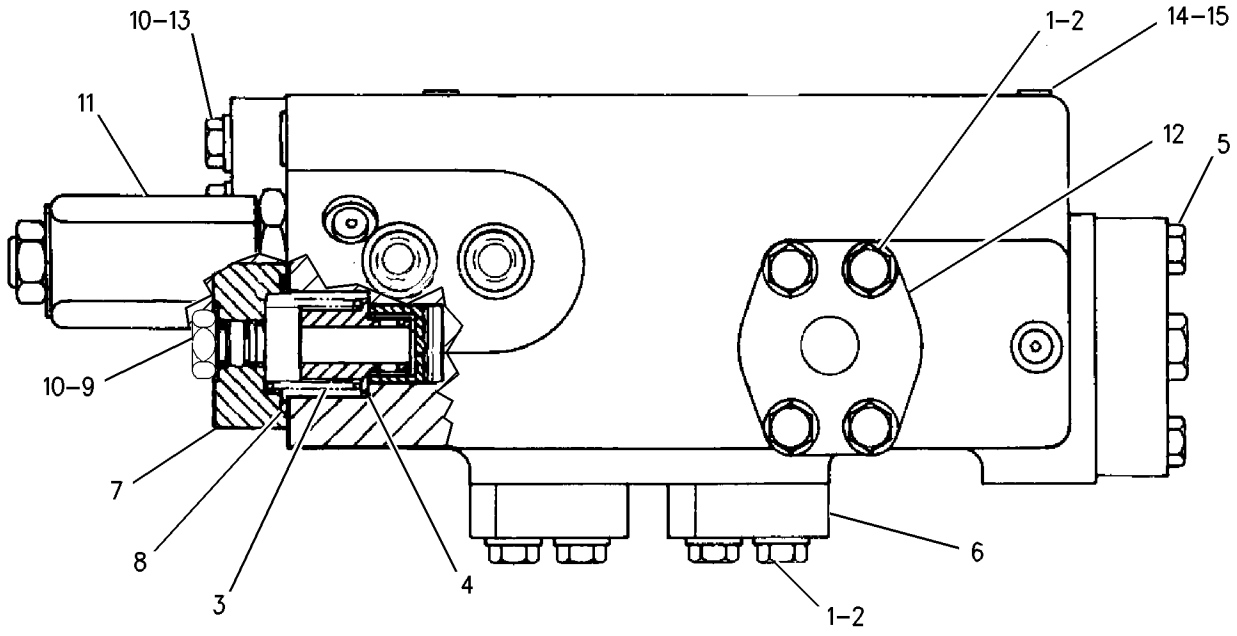
PIN 2KZ1-UP

PART OF 152-9763 VALVE & MTG GP-TILT & TIP CONT

SMCS-5051, 5123 **i01229296**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**5S-7382**	16	BOLT (3/8 X 16 X 1.375 IN)	
	2	1	**8T-4896**	16	WASHER-HARD (2.5MM THK)	
	3	1	**8J-8621**	2	SPRING	
	4	1	**9J-1722**	2	RETAINER	
	5	1	**5P-0076**	4	BOLT-12 POINT HEAD (3/8-16X1.50IN)	
	6	1	**1P-4576**	6	FLANGE	
	7	1	**9J-1716**	2	COVER	
	8	1	**4J-0522**	2	SEAL-O-RING (37.69MM ID)	
	9	1	**9S-4191**	2	PLUG-O-RING (9/16-18 THD)	
	10	1	**3J-1907**	3	SEAL-O-RING (11.89MM ID)	
Y	11	1	**6T-8208**	1	VALVE GP-SOLENOID (TILT)	542
	12	1	**1P-4577**	2	FLANGE-HALF	
	13	1	**9S-8004**	1	PLUG-O-RING (9/16-18 THD)	
	14	1	**9S-8001**	4	PLUG-O-RING (5/16-24 THD)	
	15	1	**4J-7533**	4	SEAL-O-RING (6.07MM ID)	

Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00657378

155-6601 BLADE AS-COAL

PIN 2KZ1-UP

PART OF 153-2111 BLADE GP-COAL

AN ATTACHMENT

SMCS-6060 **i00775376**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	3G-9598	4	BEARING-SLEEVE	
	153-6972	2	PLATE-BLOCK PORT	
	153-7811	2	PLATE-CUTTER	
	9J-0123	2	TRUNNION	
	110-2966	1	TRUNNION	

155-6600 BLADE AS-SEMI-UNIVERSAL

PIN 2KZ1-UP

PART OF 153-2110 BLADE GP-SEMI-UNIVERSAL

AN ATTACHMENT

SMCS-6060, 6078 **i00775375**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	153-6975	2	BAR-CUT	
	3G-9598	4	BEARING-SLEEVE	
	153-6972	2	PLATE-BLOCK PORT	
	153-6971	2	PLATE-SIDE	
	9J-0123	2	TRUNNION	
	110-2966	1	TRUNNION	

IMPLEMENTS

153-2111 BLADE GP-COAL

PIN 2KZ1-UP
AN ATTACHMENT

SMCS-6060 **i00779859**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*155-6601*	1	BLADE AS-COAL	544
	0S-1571	4	BOLT (3/8-16X1.75IN)	
	0S-1594	16	BOLT (3/8-16X1IN)	
	3R-2299	21	BOLT (1 1/4-7X3IN)	
	0S-0509	32	BOLT (3/8-16X.75IN)	
	4J-9058	40	BOLT-PLOW (1-8X3.25 IN)	
	4T-6378	1	EDGE-CUTTING	
	4T-6386	2	EDGE-CUTTING	
	6Y-5540	2	EDGE-CUTTING	
	135-9669	1	EDGE-CUTTING	
	135-9670	1	EDGE-CUTTING	
	2J-3507	40	NUT-FULL (1-8 THD)	
	3K-9770	21	NUT-FULL (1-1/4-7 THD)	
	153-6974	4	PLATE-CLAMP TOP	
	4J-5267	12	SEAL-O-RING (24.99MM ID)	
	135-9668	1	SOLE	
	153-7813	4	TUBE AS	
	5M-2894	20	WASHER (2.5MM THK)	
	5P-8250	40	WASHER (5.0MM THK)	
	4K-0684	21	WASHER-HARD (6MM THK)	

Y-SEPARATE ILLUSTRATION

MEMORANDA

153-2110 BLADE GP-SEMI-UNIVERSAL

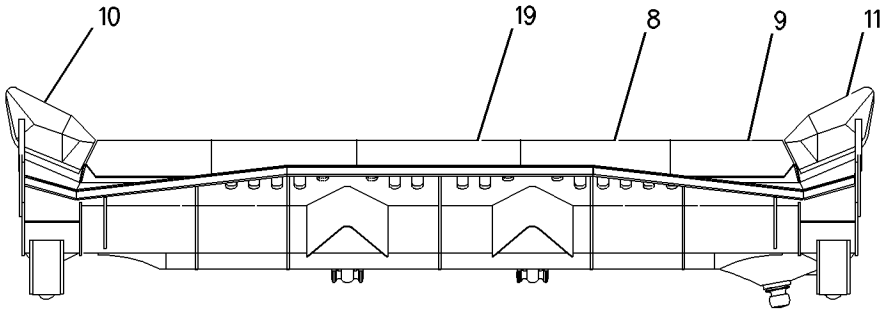
PIN 2KZ1-UP
AN ATTACHMENT

SMCS-6060, 6078 **i01204803**

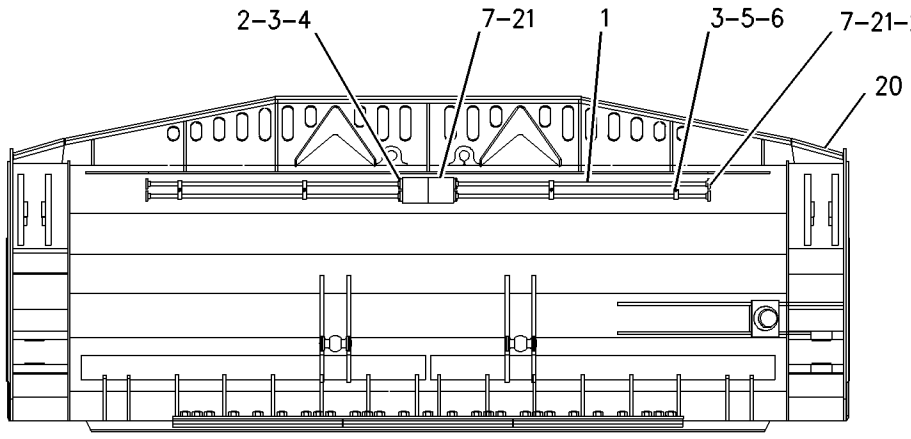
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**153-6973**	4	TUBE AS	
	2	1	**0S-1591**	16	BOLT (3/8-16X1.5 IN)	
	3	1	**5M-2894**	20	WASHER (2.5MM THK)	
	4	1	**4J-5267**	4	SEAL-O-RING (24.99MM ID)	
	5	1	**153-6974**	4	PLATE-CLAMP TOP	
	6	1	**0S-1571**	4	BOLT (3/8-16X1.75IN)	
	7	1	**177-1744**	8	PLATE-PORT COVER	
	8	1	**9W-6092**	2	EDGE-CUTTING	
	9	1	**7T-9125**	2	EDGE-CUTTING	
	10	1	**8E-4196**	1	BIT-END	
	11	1	**8E-4197**	1	BIT-END	
	15	1	**3R-2299**	21	BOLT (1 1/4-7X3IN)	
	16	1	**3K-9770**	21	NUT-FULL (1-1/4-7 THD)	
	17	1	**4K-0684**	21	WASHER-HARD (6MM THK)	
	18	1	**135-9668**	3	SOLE	
	19	1	**9W-4500**	1	EDGE-CUTTING	
Y	20	1	*155-6600*	1	BLADE AS-SEMI-UNIVERSAL	545
	21	1	**0S-0509**	32	BOLT (3/8-16X.75IN)	
	22	1	**4J-8996**	8	SEAL-O-RING (21.82MM ID)	
F		1		43	BOLT-PLOW (1-8X3.25 IN)	
F		1		43	NUT-FULL (1-8 THD)	
F		1		43	WASHER (5.0MM THK)	

F-NOT SHOWN
Y-SEPARATE ILLUSTRATION

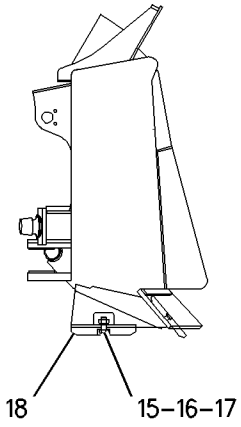
153-2110 BLADE GP-SEMI-UNIVERSAL *(contd.)* i01204803



TOP VIEW



REAR VIEW



RIGHT SIDE VIEW

GRAPHIC #1 g00667463

158-4533 BLADE GP-SEMI-UNIVERSAL

PIN 2KZ1-UP
HEAVY DUTY
AN ATTACHMENT

SMCS-6060, 6078 **i00769949**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	153-6975	2	BAR-CUT	
	8E-4196	1	BIT-END-LH	
	8E-4197	1	BIT-END-RH	
	0S-1571	4	BOLT (3/8-16X1.75IN)	
	0S-1591	16	BOLT (3/8-16X1.5IN)	
	3R-2299	27	BOLT (1 1/4-7X3IN)	
	4J-9058	43	BOLT-PLOW (1-8X3.25 IN)	
	7T-9125	2	EDGE-CUTTING	
	9W-4500	1	EDGE-CUTTING	
	9W-6092	2	EDGE-CUTTING	
	2J-3507	43	NUT-FULL (1-8 THD)	
	3K-9770	27	NUT-FULL (1-1/4-7 THD)	
	153-6972	2	PLATE-BLOCK PORT	
	153-6974	4	PLATE-CLAMP TOP	
	153-6971	2	PLATE-SIDE	
	4J-5267	4	SEAL-O-RING (24.99MM ID)	
	9J-0123	2	TRUNNION	
	110-2966	1	TRUNNION	
	153-6973	4	TUBE AS	
	5M-2894	20	WASHER (2.5MM THK)	
	5P-8250	43	WASHER (5.0MM THK)	
	4K-0684	27	WASHER-HARD (6MM THK)	

153-2070 BULLDOZER AR

PIN 2KZ1-UP
PART OF 152-9751 GENERAL AR
ALSO AN ATTACHMENT

SMCS-6050 **i01024665**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*161-9902*	1	LINES GP-TILT CYLINDER	504
Y	*149-5959*	1	LINK GP-STABILIZER	552
Y	*149-5957*	1	PUSH ARM GP (LH)	556
Y	*149-5956*	1	PUSH ARM GP (RH)	554
Y	*149-5961*	1	TRUNNION GP-BULLDOZER	558

Y-SEPARATE ILLUSTRATION

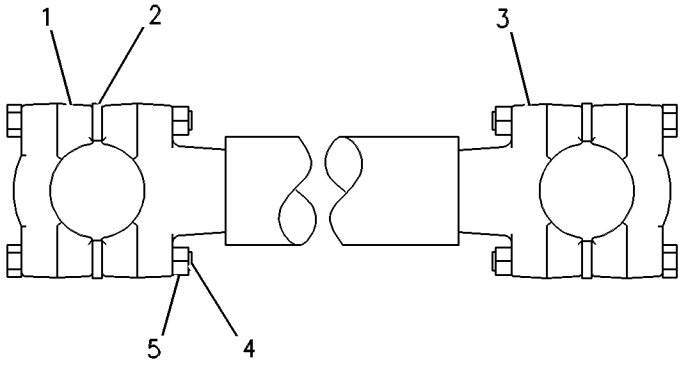
149-5959 LINK GP-STABILIZER

PIN 2KZ1-UP
PART OF 153-2070 BULLDOZER AR
ALSO AN ATTACHMENT

SMCS-6071, 7203 **i01060176**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**160-6303**	2	CAP-BEARING	
B	2	1	**4T-9470**	52	SHIM	
	3	1	**153-9486**	1	LINK AS	
	4	1	**7X-0395**	8	BOLT	
	5	1	**7X-0449**	8	NUT-FULL (7/8-9 THD)	

B-USE AS REQUIRED



GRAPHIC #1 g00343691

MEMORANDA

149-5956 PUSH ARM GP–RH

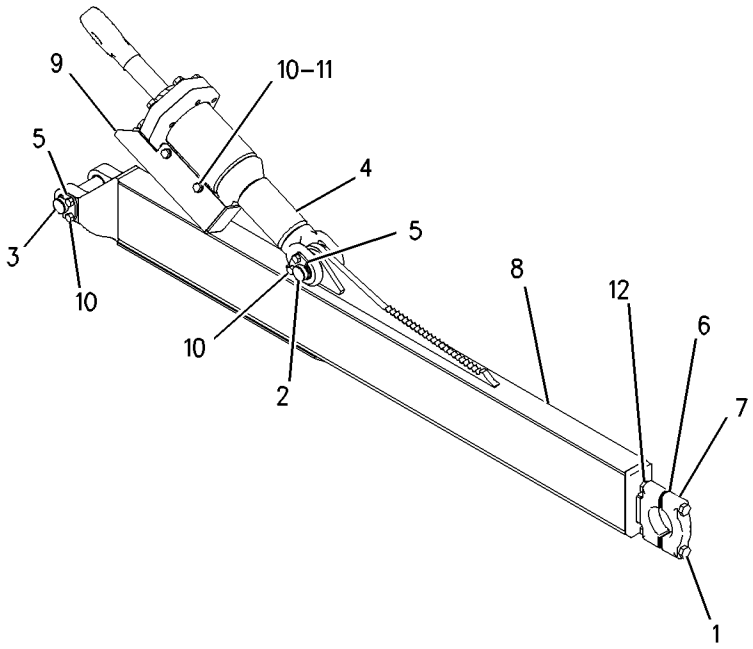
PIN 2KZ1-UP
PART OF 153-2070 BULLDOZER AR
ALSO AN ATTACHMENT

SMCS-6061 **i01243482**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1D-4649**	2	BOLT (1 1/4-7X10IN)	
	2	1	**3G-7016**	1	PIN	
	3	1	**4T-7534**	1	PIN	
Y	4	1	**6E-4836**	1	CYLINDER GP-TILT	480
	5	1	**6J-5179**	2	RETAINER	
B	6	1	**7T-2425**	26	SHIM	
	7	1	**7T-3560**	1	CAP-BEARING	
	8	1	**153-9483**	1	PUSH ARM AS-RH	
		1	**3G-6997**	1	BRACKET AS-RH	
		1	**3G-9598**	2	BEARING-SLEEVE	
		1	**3G-7000**	1	BRACKET AS	
		1	**3G-7013**	1	BEARING AS	
B		1	**7T-2425**	14	SHIM	
		1	**7T-2450**	1	CAP-BEARING	
	9	1	**154-1923**	1	GUARD AS	
	10	1	**7X-0380**	8	BOLT (7/8-9X1.75IN)	
	11	1	**8C-6913**	4	WASHER-HARD (4MM THK)	
	12	1	**3K-9770**	2	NUT-FULL (1-1/4-7 THD)	

B-USE AS REQUIRED
Y-SEPARATE ILLUSTRATION

149-5956 **PUSH ARM GP** ***(contd.)*** **i01243482**



GRAPHIC #1 g00664186

149-5957 PUSH ARM GP–LH

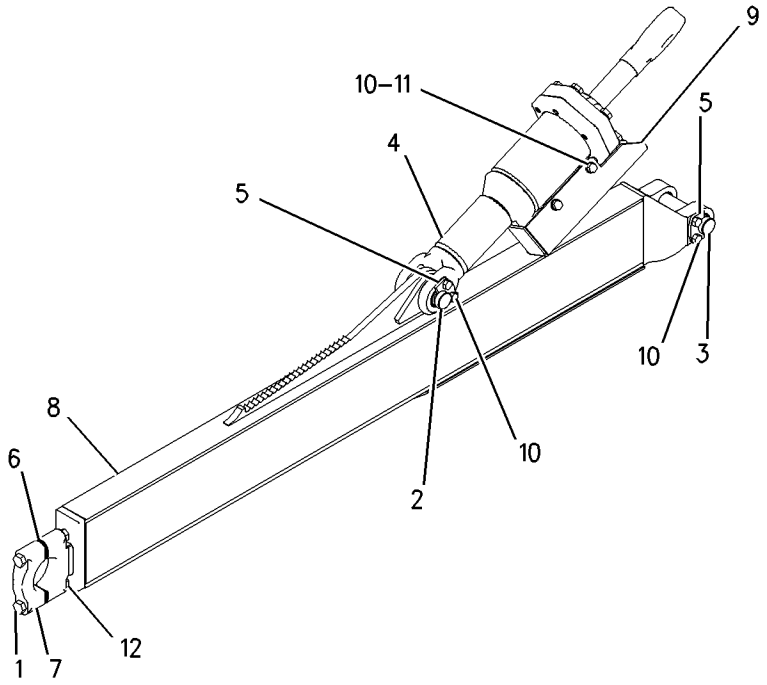
PIN 2KZ1-UP
PART OF 153-2070 BULLDOZER AR
ALSO AN ATTACHMENT

SMCS-6061 **i01243485**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**1D-4649**	2	BOLT (1 1/4-7X10IN)	
	2	1	**3G-7016**	1	PIN	
	3	1	**4T-7534**	1	PIN	
Y	4	1	**6E-4835**	1	CYLINDER GP-TILT	478
	5	1	**6J-5179**	2	RETAINER	
B	6	1	**7T-2425**	26	SHIM	
	7	1	**7T-3560**	1	CAP-BEARING	
	8	1	**153-9484**	1	ARM AS-PUSH-LH	
		1	**3G-6998**	1	BRACKET AS-LH	
		1	**3G-9598**	2	BEARING-SLEEVE	
		1	**3G-7000**	1	BRACKET AS	
		1	**3G-7013**	1	BEARING AS	
B		1	**7T-2425**	14	SHIM	
		1	**7T-2450**	1	CAP-BEARING	
	9	1	**154-1923**	1	GUARD AS	
	10	1	**7X-0380**	8	BOLT (7/8-9X1.75IN)	
	11	1	**8C-6913**	4	WASHER-HARD (4MM THK)	
	12	1	**3K-9770**	2	NUT-FULL (1-1/4-7 THD)	

B-USE AS REQUIRED
Y-SEPARATE ILLUSTRATION

149-5957 **PUSH ARM GP** ***(contd.)*** **i01243485**



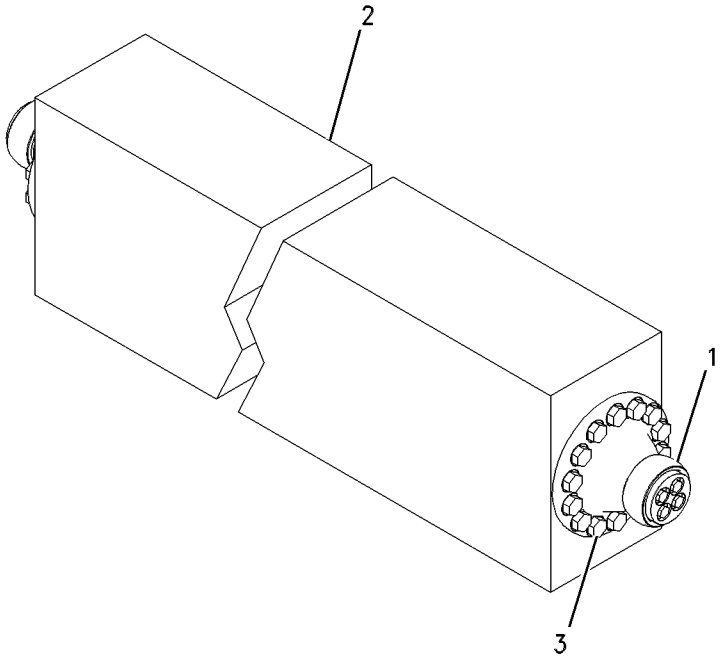
GRAPHIC #1 g00664188

149-5961 TRUNNION GP-BULLDOZER

PIN 2KZ1-UP
PART OF 153-2070 BULLDOZER AR
ALSO AN ATTACHMENT

SMCS-6069 **i00773456**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**7T-2879**	2	TRUNNION AS	
					(EACH INCLUDES)	
		1	**1U-0210**	1	BEARING	
		1	**7T-2654**	1	RETAINER	
		1	**7X-0346**	4	BOLT (5/8-11X2IN)	
	2	1	**153-9485**	1	BEAM-PUSH	
	3	1	**7X-0404**	28	BOLT (1-8X2.50IN)	



GRAPHIC #1 g00354624

OPERATOR STATION

118-7645 AIR CONDITIONER AR

PIN 2KZ1-UP

PART OF 153-3958 CAB AR

SMCS-7320 **i00662048**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	**123-8576**	1	AIR CONDITIONER GP	560
Y	**123-8714**	1	DUCT GP-AIR	580
Y	*4E-9439*	1	FILTER GP-CAB AIR	583

Y-SEPARATE ILLUSTRATION

OPERATOR STATION

123-8576 AIR CONDITIONER GP

PIN 2KZ1-UP

PART OF 118-7645 AIR CONDITIONER AR

SMCS-7320 **i01185457**

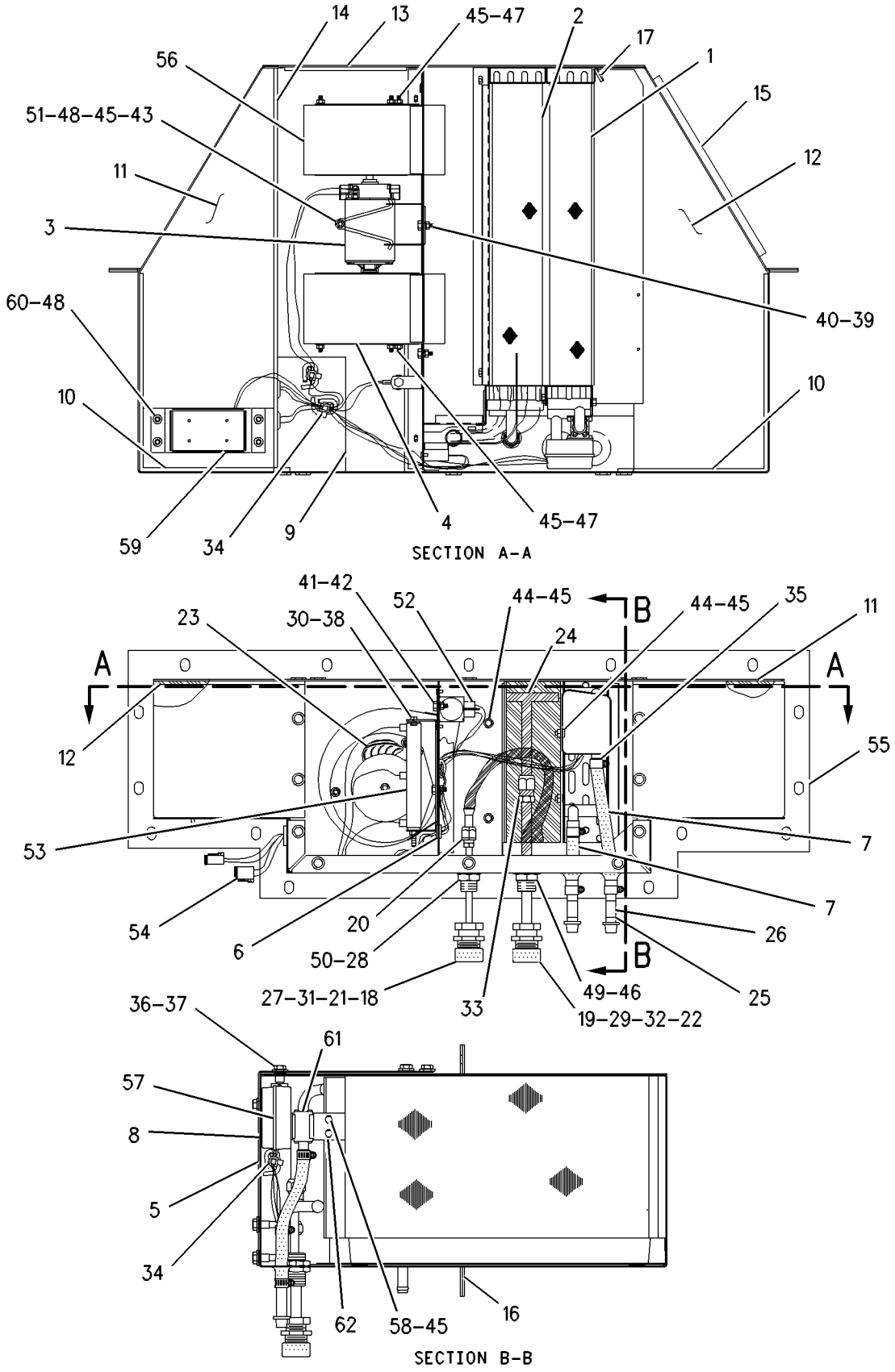
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**130-3307**	1	COIL AS-HEATER	
	2	1	**3E-6282**	1	COIL AS-EVAPORATOR	
	3	1	**3E-6392**	1	MOTOR AS-FAN	
		1	**3E-3365**	1	WEDGE-RECEPTACLE LOCK	
		1	**8T-8729**	2	PIN-CONNECTOR	
		1	**9X-9013**	1	KIT-BRUSH	
		1	**102-8802**	1	KIT-RECEPTACLE (2 PIN)	
					(INCLUDES WEDGE)	
	4	1	**8P-5141**	2	PLATE-ORIFICE	
	5	1	**3E-6280**	1	COVER	
	6	1	**3T-6774**	1	GROMMET	
E	7	1	**136-1953**		HOSE (48 CM)	
	8	1	**3E-6147**	1	INSULATION	
	9	1	**3E-7252**	1	INSULATION	
	10	1	**3E-7253**	2	INSULATION	
	11	1	**130-3590**	2	INSULATION	
	12	1	**3E-7255**	2	INSULATION	
	13	1	**3E-7256**	1	INSULATION	
	14	1	**3E-7257**	1	INSULATION	
E	15	1	**5P-5926**		SEAL (120 CM)	
	16	1	**3E-7258**	1	INSULATION	
E	17	1	**5P-5672**		SEAL (30 CM)	
	18	1	**5P-3945**	1	CAP	
	19	1	**5P-3950**	1	CAP	
	20	1	**9X-7381**	1	SEAL-O-RING (10.82MM ID)	
	21	1	**9X-7383**	1	SEAL-O-RING (17.17MM ID)	
	22	1	**9X-7384**	1	SEAL-O-RING (26.7MM ID)	
	23	1	**3E-0400**	2	WHEEL-BLOWER	
E	24	1	**5P-7070**		INSULATION-STRIP (70 CM)	
	25	1	**5P-6670**	2	FILM-INSTRUCTION	
	26	1	**6P-8855**	2	SPACER	
	27	1	**7K-3176**	1	COUPLING	
	28	1	**2H-3924**	2	LOCKWASHER	
	29	1	**5P-3928**	1	COUPLING-SEALING	
	30	1	**6V-1668**	2	WASHER (3MM THK)	
	31	1	**3E-6145**	1	TUBE AS	
	32	1	**3E-6144**	1	TUBE AS	
	33	1	**9X-7382**	1	SEAL-O-RING (14.00MM ID)	
	34	1	**3S-2093**	3	STRAP-CABLE	
	35	1	**9X-2488**	4	CLAMP-HOSE	
M	36	1	**8T-4137**	16	BOLT (M10X1.50X20MM)	
	37	1	**8T-4121**	16	WASHER (2.5MM THK)	
M	38	1	**7X-0490**	1	BOLT (M6X200MM)	
M	39	1	**8T-4189**	3	BOLT (M8X1.25X20MM)	
	40	1	**5P-4116**	3	WASHER (2MM THK)	
	41	1	**6L-7159**	2	SCREW-MACHINE (8-32X.313 IN)	
	42	1	**3B-4501**	2	LOCKWASHER (1.02MM THK)	
M	43	1	**8C-8451**	1	BOLT (M6X1.0X40MM)	
M	44	1	**6V-8837**	4	BOLT (M6X1X16 MM)	
	45	1	**8T-4205**	14	WASHER-HARD (2MM THK)	
	46	1	**2H-3925**	2	LOCKWASHER	
M	47	1	**5C-2890**	6	NUT (M6X1.00 THD)	
	48	1	**2D-6235**	5	LOCKNUT (1/4-20 THD)	
	49	1	**5B-6565**	2	NUT	
	50	1	**6V-9170**	2	NUT-BULKHEAD (1-14 THD)	
	51	1	**8C-4586**	2	CLAMP-MOTOR	

123-8576 AIR CONDITIONER GP *(contd.)* i01185457

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	52	1	**3E-5464**	1	SWITCH AS-THERMOSTAT	
	53	1	**9G-1950**	1	RESISTOR	
	54	1	**127-6425**	1	HARNESS AS	
	55	1	**130-3304**	1	CASE AS	
		1	**6K-3274**	4	PLATE-RIVET	
M		1	**6V-9632**	2	NUT-WELD (M6X1 THD)	
		1	**7T-1099**	4	LINK	
		1	**033-7291**	4	RIVET	
	56	1	**3E-6277**	1	HOUSING AS	
	57	1	**149-8203**	1	VALVE AS-WATER	
		1	**4B-4863**	4	WASHER (1.2MM THK)	
		1	**4M-6582**	1	SEAL-O-RING (15.88MM ID)	
		1	**102-8805**	1	KIT-RECEPTACLE (6 PIN)	
					(INCLUDES WEDGE)	
		1	**124-0312**	4	SCREW-PAN HEAD	
M	58	1	**8T-4171**	2	BOLT (M6X1.0X12MM)	
	59	1	**149-8218**	1	CONTROL AS-BOARD	
		1	**8T-8737**	2	PLUG-SEAL	
		1	**9W-0844**	5	SOCKET-CONNECTION	
		1	**9W-0852**	5	PIN-CONNECTOR	
		1	**102-8810**	1	KIT-CONNECTING PLUG (6 PINS)	
					(INCLUDES WEDGE)	
		1	**102-8805**	1	KIT-RECEPTACLE (6 PIN)	
					(INCLUDES WEDGE)	
	60	1	**5P-4115**	4	WASHER (2MM THK)	
	61	1	**4M-6582**	1	SEAL-O-RING (15.88MM ID)	
	62	1	**130-5685**	1	ANGLE	

E-ORDER BY THE CENTIMETER
M-METRIC PART

123-8576 AIR CONDITIONER GP *(contd.)* i01185457



GRAPHIC #1 g00472668

MEMORANDA

OPERATOR STATION

123-8708 BOX GP-STORAGE

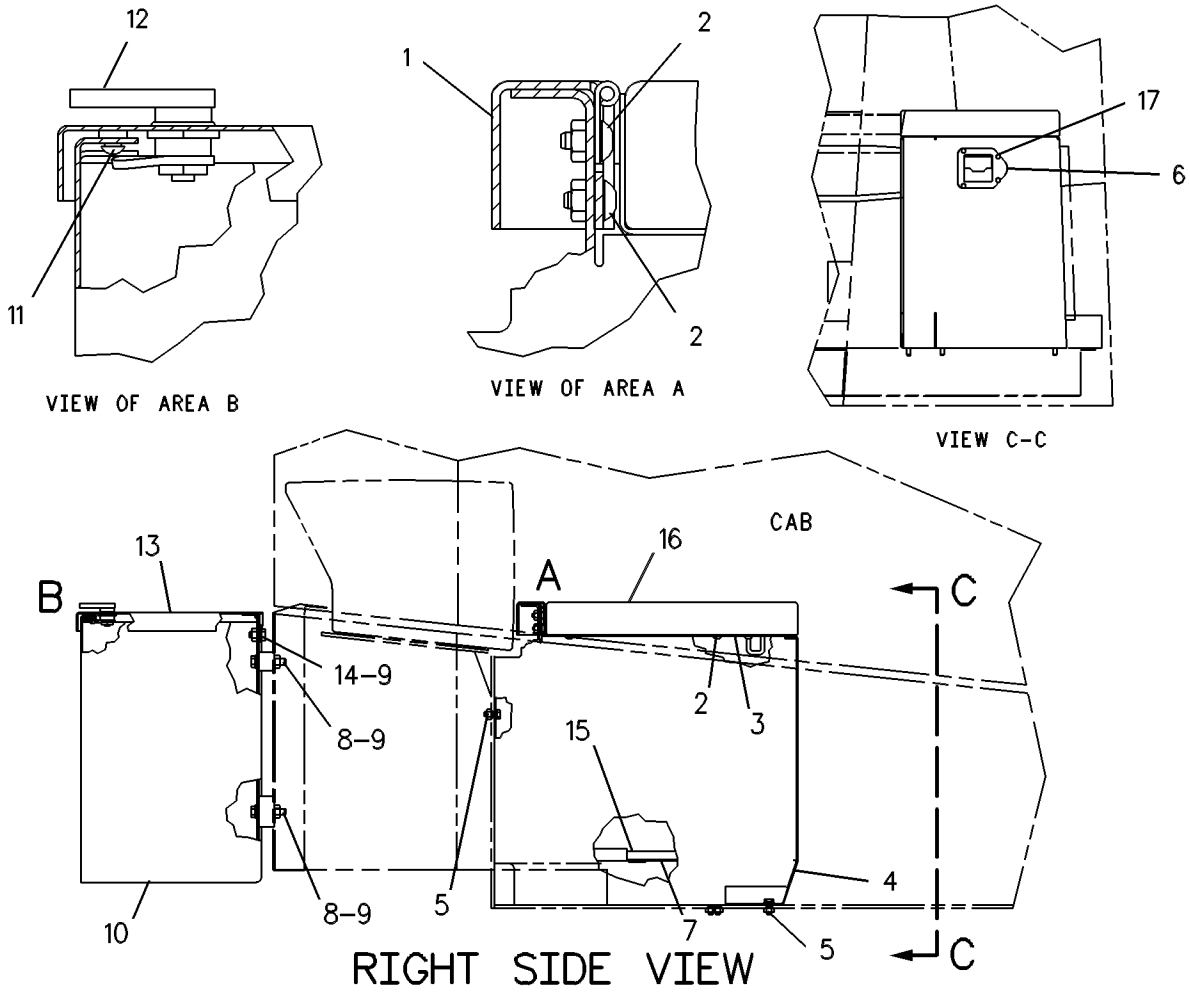
PIN 2KZ1-UP

PART OF 153-3958 CAB AR

SMCS-7268 **i01057775**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**123-8709**	1	COVER	
M	2	1	**9X-2043**	10	SCREW-TRUSS HEAD (M6X1X14MM)	
	3	1	**4E-8861**	1	PLATE AS	
	4	1	**4E-8865**	1	SHEET AS	
M		1	**6V-9632**	5	NUT-WELD (M6X1 THD)	
M	5	1	**8T-4189**	5	BOLT (M8X1.25X20MM)	
		1	**8T-4224**	5	WASHER-HARD (2MM THK)	
	6	1	**8Y-6336**	1	LATCH AS	
	7	1	**4E-8833**	1	SHEET	
M	8	1	**8T-4185**	3	BOLT (M10X1.5X50MM)	
	9	1	**8T-4121**	5	WASHER (2.5MM THK)	
	10	1	**4E-9771**	1	BOX AS	
M		1	**8T-3490**	2	NUT-WELD (M10X1.5 THD)	
	11	1	**8V-7010**	2	BUMPER	
	12	1	**3V-7689**	1	HANDLE AS	
	13	1	**4E-9767**	1	LID AS	
		1	**8R-9768**	1	HINGE	
M	14	1	**8T-4137**	2	BOLT (M10X1.50X20MM)	
	15	1	**4E-8857**	1	MAT	
	16	1	**106-9295**	1	LID AS	
	17	1	**6C-3680**	4	RIVET-POP	

M-METRIC PART



GRAPHIC #1 g00121203

OPERATOR STATION

123-7231 CAB & PLATFORM GP

PIN 2KZ1-UP

PART OF 153-3958 CAB AR

SMCS-7253, 7301 **i00733839**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	**123-7024**	1	CAB GP	570
Y	**123-8701**	1	DOOR GP-LH	578
Y	*123-7025*	1	PLATFORM GP-CAB	621

Y-SEPARATE ILLUSTRATION

OPERATOR STATION

153-3958 CAB AR

PIN 2KZ1-UP

PART OF 153-3966 OPERATOR AR

SMCS-7301 **i01040971**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*118-7645*	1	AIR CONDITIONER AR	559
Y	*123-8708*	1	BOX GP-STORAGE	564
Y	**123-7231**	1	CAB & PLATFORM GP	566
Y	**112-2273**	1	CONTROL GP-FOOT BRAKE	386
Y	*153-3957*	1	CONTROL GP-HYDRAULIC HAND	466
Y	*4E-6401*	1	CONTROL GP-PARKING BRAKE	390
Y	*130-1830*	1	CONTROL GP-STEERING	402
Y	*4E-8413*	1	CONTROL GP-STIC	254
Y	*146-0776*	1	HANDLE GP-HYDRAULIC CONTROL	482
Y	*4E-6409*	1	INSTALLATION GP-RADIO	586
Y	*9U-2675*	1	INSTALLATION GP-RADIO	588
Y	*131-1126*	1	LATCH GP-CAB DOOR & WINDOW	590
Y	*118-7642*	1	LINER GP-CAB	594
Y	*9U-4979*	1	LOCK GP-STIC CONTROL	294
Y	*123-8361*	1	PANEL GP-INSTRUMENT	614
Y	*166-8492*	1	PANEL GP-INSTRUMENT	616
Y	*112-5763*	1	PEDAL GP-GOVERNOR	619
Y	*148-2228*	1	SCREEN GP-SUN	627
Y	*117-1410*	1	SEALING GP-GLASS	628
Y	*123-8692*	1	SEAT GP-SUSPENSION	636
Y	*131-0441*	1	SPRING GP-CAB DOOR	638
Y	*123-8682*	1	SUPPORT GP-HYDRAULIC CONTROL	640
Y	*123-8704*	1	SUPPORT GP-STEERING CONTROL	644
Y	*8R-5535*	1	WIPER & WASHER GP-WINDOW	654
Y	*123-8363*	1	WIRING GP-CAB	224

Y-SEPARATE ILLUSTRATION

OPERATOR STATION

123-7023 CAB GP

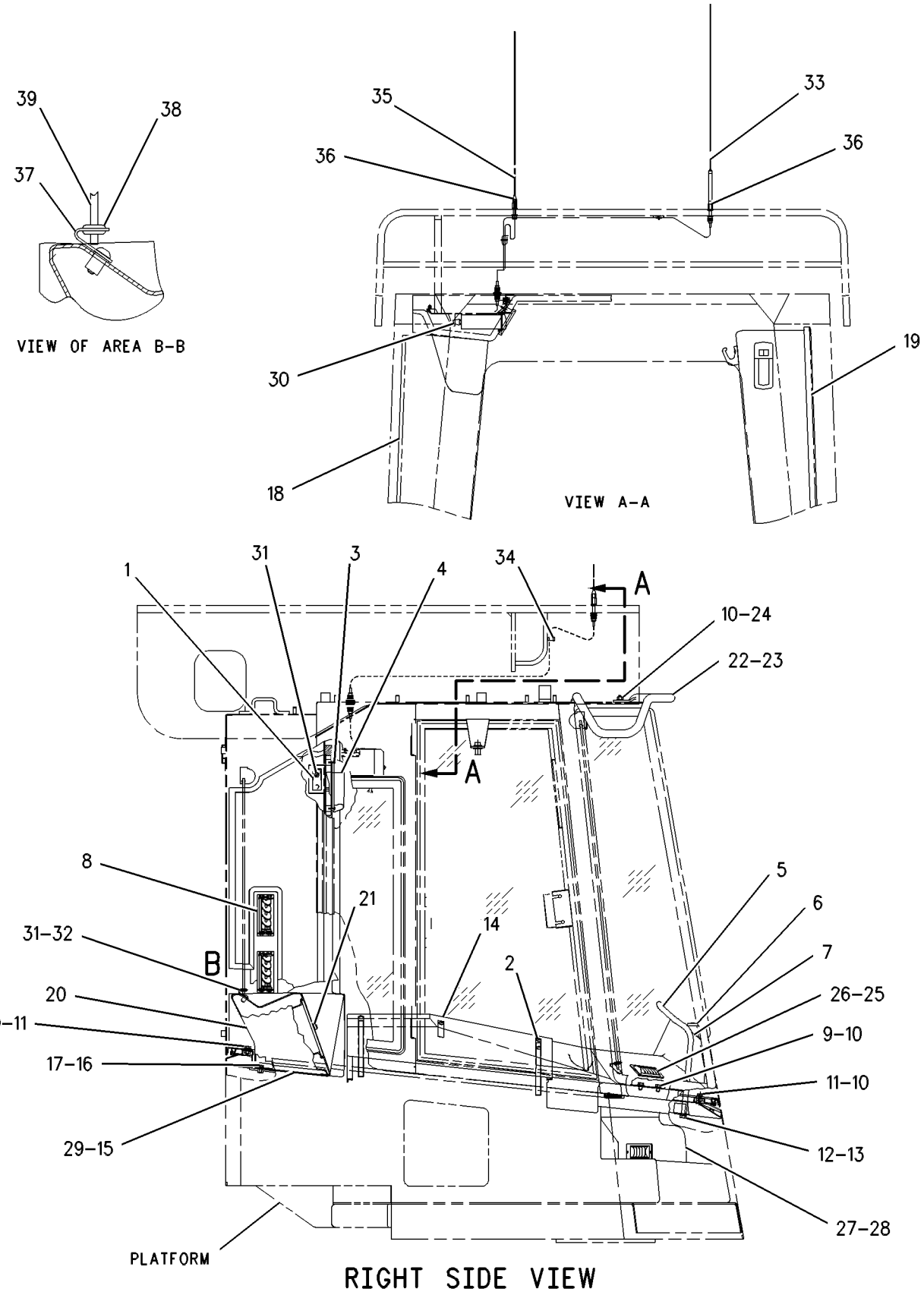
PIN 2KZ1-UP

PART OF 153-3966 OPERATOR AR

SMCS-7301, 7325, 7335 **i01107479**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6V-8928**	1	HOOK-COAT	
M	2	1	**9X-2042**	4	SCREW-TRUSS HEAD (M6X1.0X12MM)	
M	3	1	**9X-1046**	3	SCREW (M4X0.7X18MM)	
Y	4	1	**3E-6389**	1	LAMP GP-DOME	158
	5	1	**4E-9640**	1	HANDLE	
	6	1	**8Y-6352**	3	LOUVER AS	
	7	1	**138-8630**	1	DUCT AS	
M		1	**8T-5027**	2	NUT (M6X1.0 THD)	
M		1	**9X-2045**	2	SCREW-TRUSS HEAD (M6X1X20MM)	
	8	1	**7T-4306**	2	LOUVER AS	
M	9	1	**8T-4191**	4	BOLT (M10X1.50X16MM)	
	10	1	**8T-4121**	28	WASHER (2.5MM THK)	
M	11	1	**8T-4196**	20	BOLT (M10X1.50X35MM)	
M	12	1	**8T-4183**	2	BOLT (M12X1.75 THD)	
	13	1	**8T-4223**	2	WASHER-HARD (3MM THK)	
	14	1	**152-4183**	1	COVER AS	
		1	**110-7524**	1	BUTTON	
	15	1	**4E-7205**	1	SEAL	
M	16	1	**8T-4189**	4	BOLT (M8X1.25X20MM)	
	17	1	**8T-4896**	4	WASHER-HARD (2.5MM THK)	
	18	1	**123-8725**	1	INSULATION-RH	
	19	1	**123-8724**	1	INSULATION-LH	
	20	1	**123-8722**	1	DUCT AS	
		1	**7K-4201**	2	NUT-SPEED	
		1	**9N-1995**	4	RIVET-POP	
	21	1	**4E-7204**	1	COVER AS	
		1	**2R-2376**	2	WASHER (0.8MM THK)	
		1	**7K-3262**	2	SCREW	
	22	1	**9U-2670**	1	HANDHOLD-RH	
	23	1	**9U-1301**	1	HANDHOLD-LH	
M	24	1	**8T-4133**	4	NUT (M10X1.50 THD)	
	25	1	**104-2091**	20	SCREW-FLAT HEAD (NO.6-20X0.5IN)	
	26	1	**8Y-6388**	10	LOUVER AS	
	27	1	**123-8721**	1	DUCT	
D	28	1	**8T-3392**		SEAL (5.9 M)	
D		1	**8T-3391**		CHANNEL (5.9 M)	
	29	1	**9X-8216**	1	FILTER-AIR	
	30	1	**4E-1411**	1	BUSHING-TERMINAL	
M	31	1	**9X-2045**	3	SCREW-TRUSS HEAD (M6X1X20MM)	
M	32	1	**8T-5027**	2	NUT (M6X1.0 THD)	
	33	1	**9U-2332**	1	ANTENNA AS-CB	
	34	1	**3S-2093**	3	STRAP-CABLE	
	35	1	**9U-2331**	1	ANTENNA AS	
	36	1	**9U-2330**	2	MOUNT-ANTENNA	
	37	1	**103-5863**	2	BRACKET-REAR	
	38	1	**5P-8524**	2	GROMMET	
	39	1	**8Y-6397**	2	ROD-GUIDE	

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



GRAPHIC #1 g00583904

OPERATOR STATION

123-7024 CAB GP

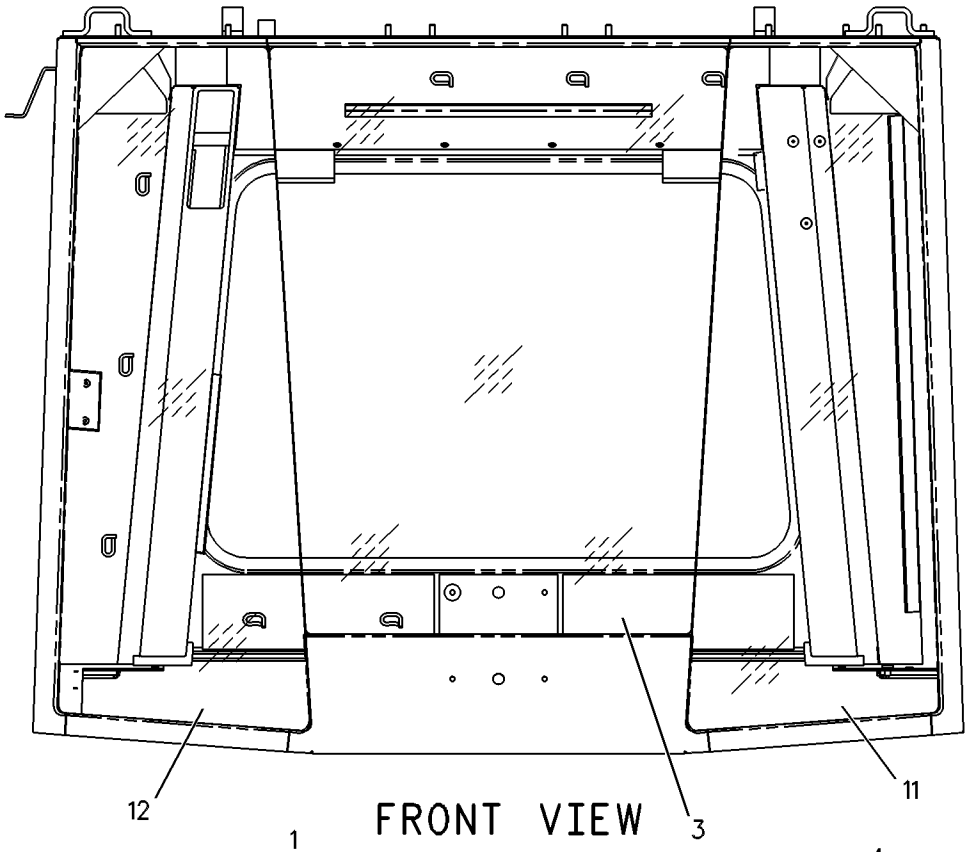
PIN 2KZ1-UP

PART OF 123-7231 CAB & PLATFORM GP

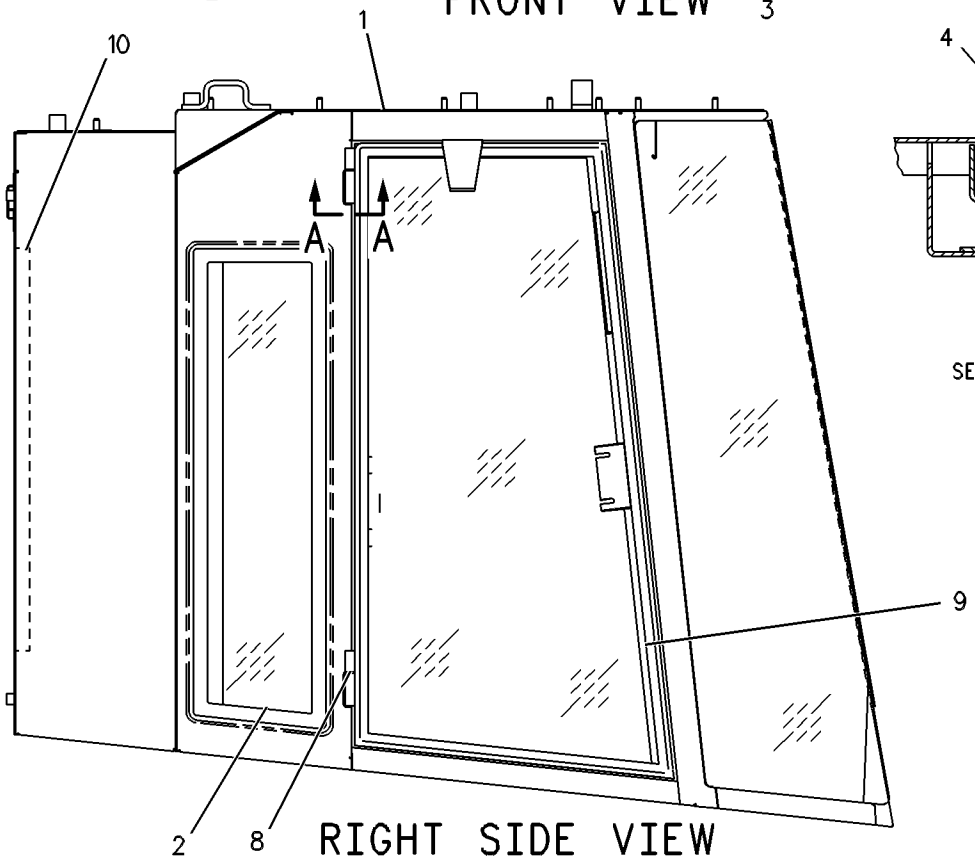
SMCS-7301, 7325, 7335 **i00189196**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**123-7030**	1	CAB AS	
		1	**9R-2821**	2	BOSS	
M		1	**6V-9632**	8	NUT-WELD (M6X1 THD)	
M		1	**8T-3490**	15	NUT-WELD (M10X1.5 THD)	
		1	**7T-1099**	11	LINK	
M		1	**8T-5413**	12	STUD-WELD (M10X1.5X25MM OAL)	
		1	**9K-6882**	2	SPACER	
		1	**2R-1948**	2	RECEPTACLE	
	2	1	**123-3154**	1	GLASS	
	3	1	**115-8388**	1	GLASS	
	4	1	**108-1615**	2	HINGE-RH	
M	5	1	**6V-8210**	4	BOLT (M8X1.25X16 MM)	
	6	1	**8T-4224**	4	WASHER-HARD (2MM THK)	
	7	1	**4E-0339**	2	PIN	
	8	1	**8R-0739**	4	WASHER	
	9	1	**4E-7831**	1	WINDOW AS	
E		1	**3E-3000**		SEAL (333CM)	
		1	**4E-7830**	1	GLASS	
	10	1	**115-8391**	1	GLASS	
	11	1	**115-8390**	1	GLASS-LH	
	12	1	**115-8389**	1	GLASS-RH	

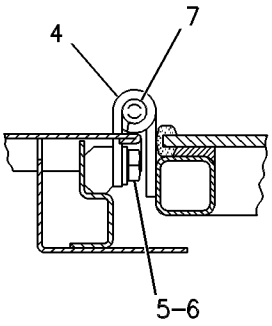
E-ORDER BY THE CENTIMETER
M-METRIC PART



FRONT VIEW



RIGHT SIDE VIEW



SECTION A–A

GRAPHIC #1

g00121429

OPERATOR STATION

3E-1906 COMPRESSOR GP-REFRIGERANT

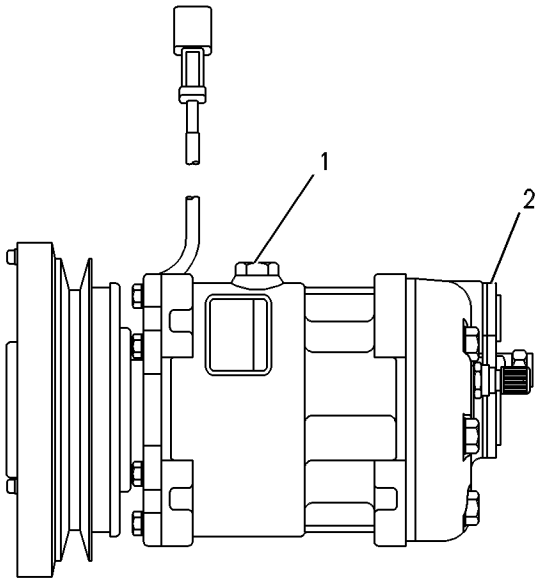
PIN 2KZ1-UP

PART OF 4P-6186 COMPRESSOR GP-REFRIGERANT

SMCS-1802 **i01080335**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	**7T-4532**	1	PLUG AS	
C	2	1	**9X-7385**	2	SEAL-O-RING (20.22MM ID)	

C-CHANGE FROM PREVIOUS TYPE



GRAPHIC #1 g00273360

MEMORANDA

OPERATOR STATION

4P-6186 COMPRESSOR GP-REFRIGERANT

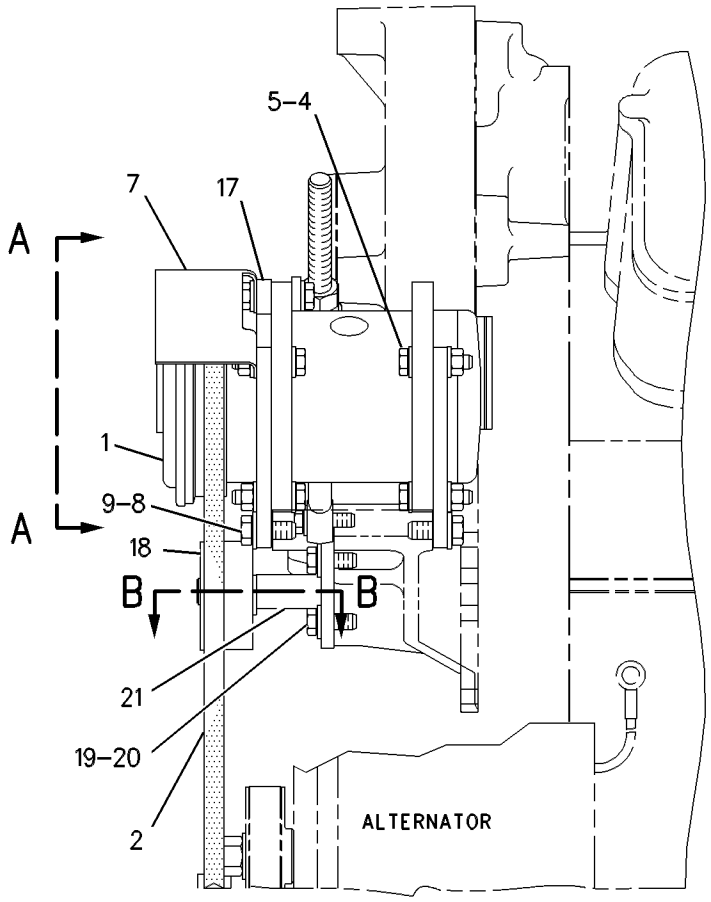
PIN 2KZ1-UP

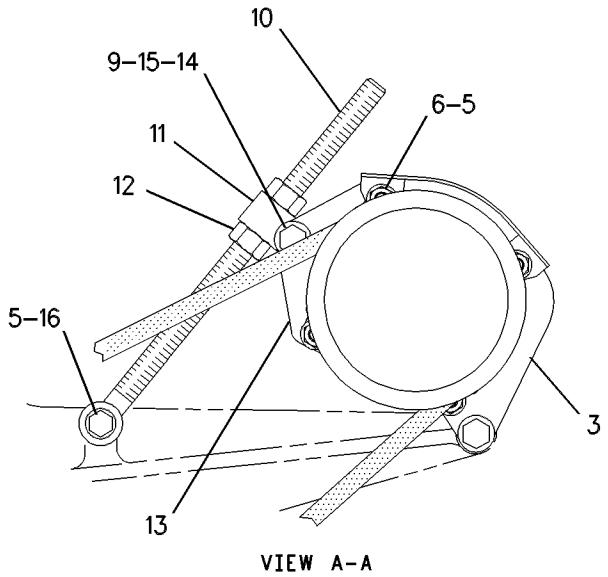
PART OF 122-4986 INSTALLATION AR-ENGINE

SMCS-1802 **i01224181**

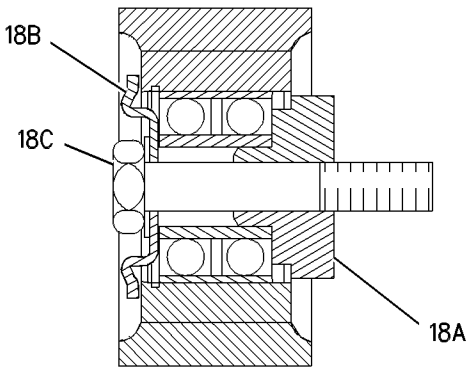
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**3E-1906**	1	COMPRESSOR GP-REFRIGERANT	572
C	2	1	**1W-9693**	1	V-BELT	
	3	1	**4P-7363**	2	BRACKET	
M	4	1	**8T-4182**	6	BOLT (M10X1.5X45MM)	
	5	1	**8T-4121**	13	WASHER-HARD (2.5MM THK)	
M	6	1	**8T-4133**	6	NUT (M10X1.50 THD)	
	7	1	**107-8704**	1	GUARD	
M	8	1	**8T-4139**	2	BOLT (M12X1.75X30MM)	
	9	1	**8T-4223**	4	WASHER-HARD (3MM THK)	
	10	1	**4R-1419**	1	ROD	
	11	1	**8S-5383**	1	BLOCK	
	12	1	**7X-0448**	2	NUT (5/8-11 THD)	
	13	1	**9Y-4815**	1	BRACKET	
M	14	1	**8T-4194**	1	BOLT (M12X1.75X50MM)	
M	15	1	**8T-4244**	1	NUT (M12X1.75 THD)	
M	16	1	**8T-4196**	1	BOLT (M10X1.50X35MM)	
	17	1	**4E-7133**	1	BOSS	
C	18	1	**133-7023**	1	PULLEY AS-IDLER	
	18A	1	**151-2898**	1	SPACER-IDLER	
	18B	1	**166-6358**	1	COVER-DUST	
	18C	1	**151-2900**	1	BOLT	
C	19	1	**8T-4896**	2	WASHER-HARD (2.5MM THK)	
C	20	1	**4L-6454**	2	BOLT (3/8-16X1 IN)	
	21	1	**144-6283**	1	SHAFT AS-IDLER	

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





VIEW A-A



SECTION B-B

GRAPHIC #1 g00657029

OPERATOR STATION

4P-3809 CONDENSER & MTG GP-REFRIGERANT

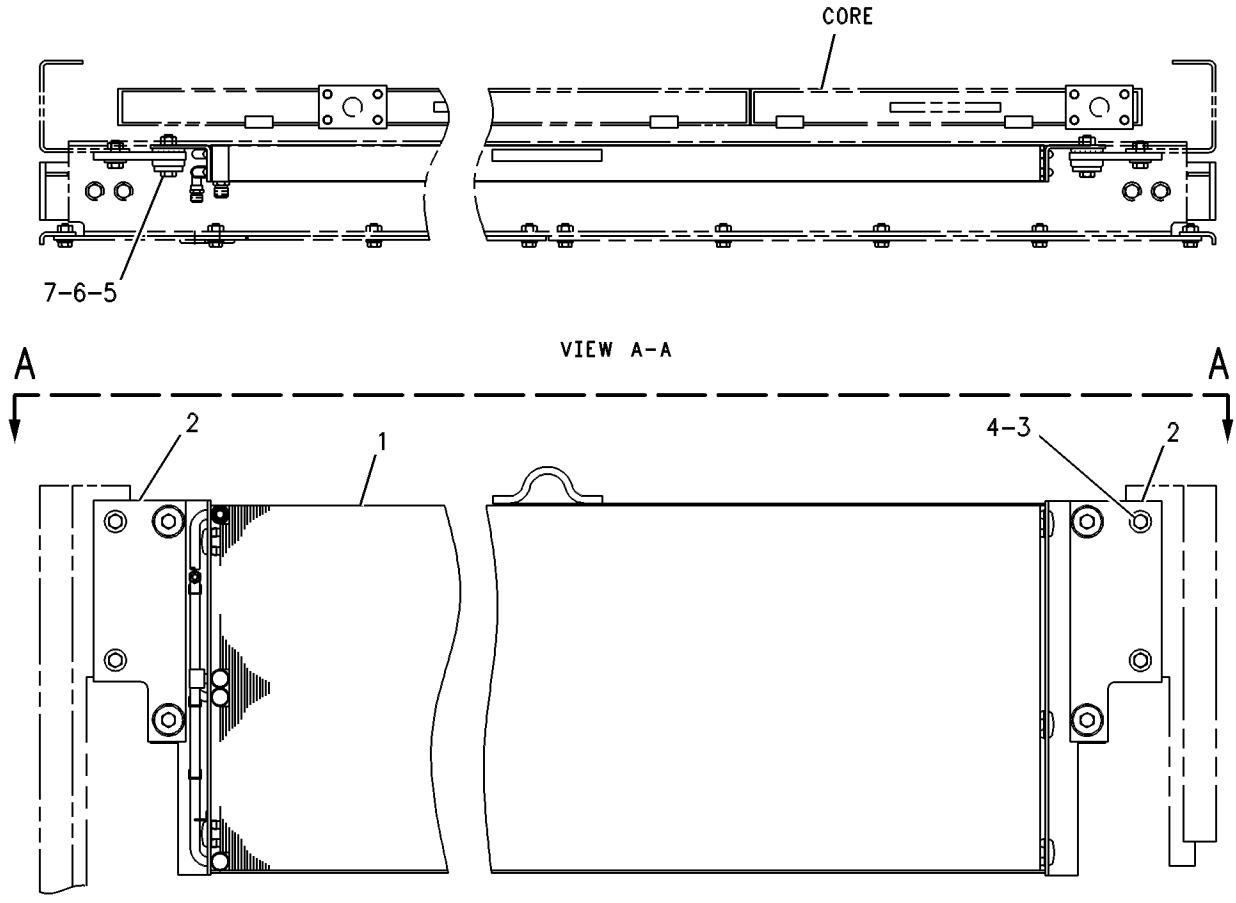
PIN 2KZ1-UP

PART OF 122-4986 INSTALLATION AR-ENGINE

SMCS-1805 **i01048538**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	**170-0486**	1	CORE AS-REFRIGERANT	
C	2	1	**128-6914**	2	SUPPORT	
CM	3	1	**8T-4139**	4	BOLT (M12X1.75X30MM)	
C	4	1	**5P-1076**	4	WASHER-HARD (4MM THK)	
M	5	1	**8T-4194**	4	BOLT (M12X1.75X50MM)	
	6	1	**6D-9081**	4	RETAINER	
	7	1	**6S-6251**	4	MOUNT	

C-CHANGE FROM PREVIOUS TYPE
M-METRIC PART



GRAPHIC #1 g00121349

OPERATOR STATION

103-8529 CONTROL GP-CMS DISPLAY

PIN 2KZ1-UP

PART OF 123-8361 PANEL GP-INSTRUMENT

SMCS-7490 **i00974243**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	158-5003	1	CONTROL GP-CMS DISPLAY ELEK	

OPERATOR STATION

123-8701 DOOR GP-LH

PIN 2KZ1-UP

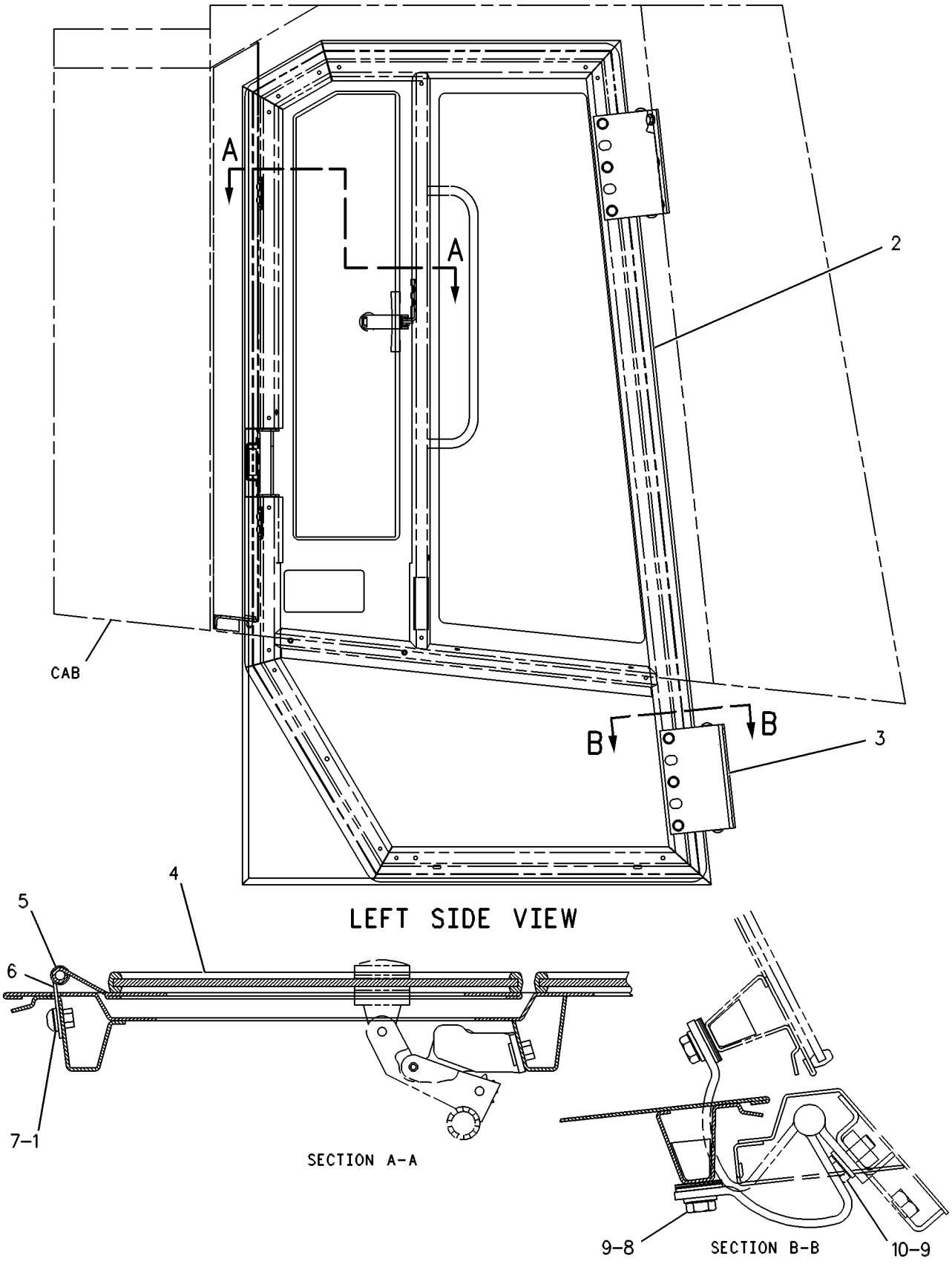
PART OF 123-7231 CAB & PLATFORM GP

SMCS-7308 **i00637823**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**9X-2044**	4	SCREW-TRUSS HEAD (M6X1X16MM)	
	2	1	**4E-7449**	1	DOOR AS	
BE		1	**3E-3000**		SEAL	
		1	**4E-5718**	1	GLASS	
		1	**4E-5705**	1	HANDHOLD	
	3	1	**4E-7450**	2	HINGE AS	
	4	1	**4E-5720**	1	FRAME AS	
BE		1	**3E-3000**		SEAL	
		1	**4E-5719**	1	GLASS	
	5	1	**4E-5724**	2	WASHER	
	6	1	**4E-5722**	2	HINGE	
	7	1	**8T-4205**	4	WASHER-HARD (2MM THK)	
M	8	1	**8T-4196**	6	BOLT (M10X1.50X35MM)	
	9	1	**8T-4121**	12	WASHER (2.5MM THK)	
M	10	1	**8T-4137**	6	BOLT (M10X1.50X20MM)	

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

123-8701 DOOR GP-LH *(contd.)* **i00637823**



GRAPHIC #1 g00276713

OPERATOR STATION

123-8714 DUCT GP-AIR

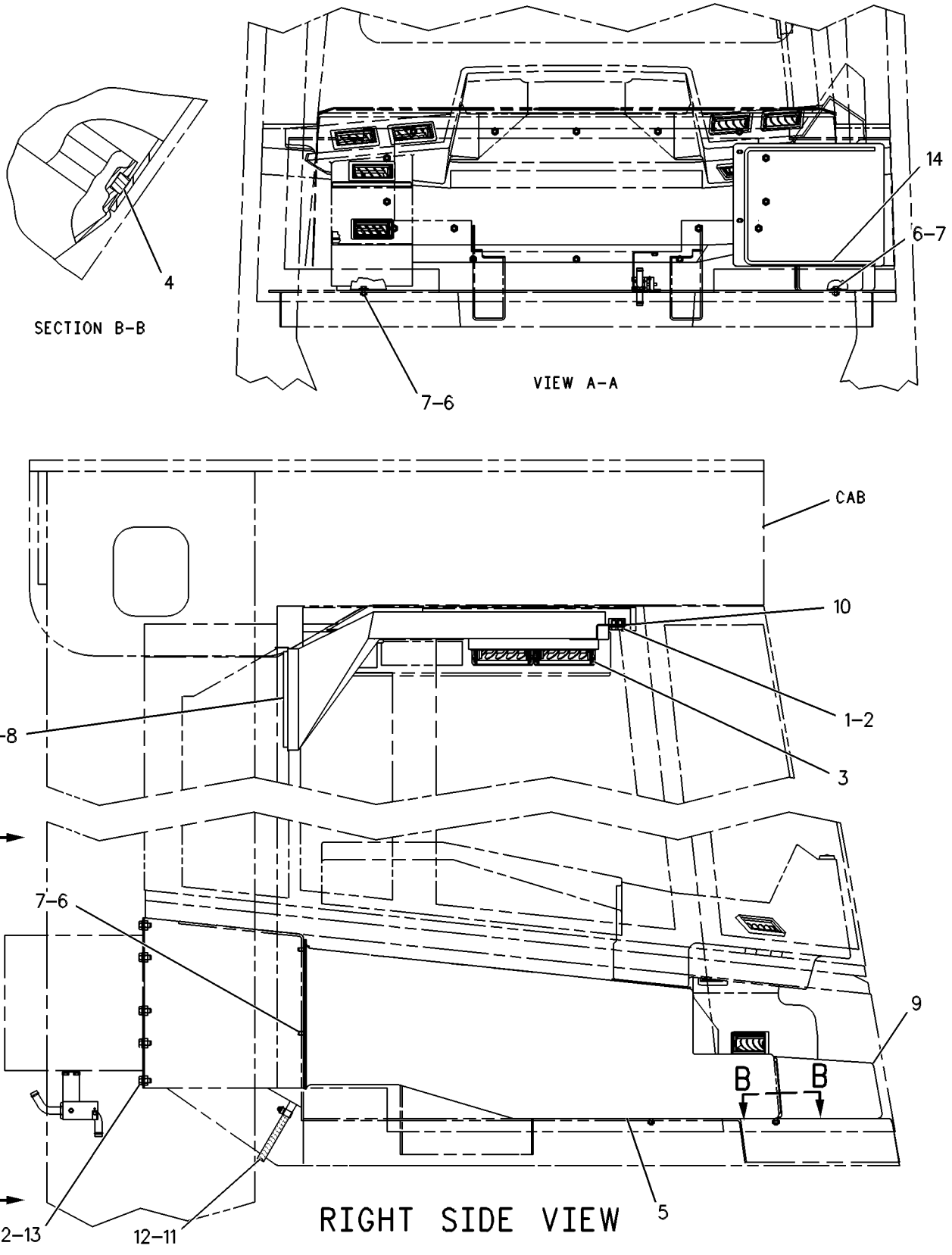
PIN 2KZ1-UP

PART OF 118-7645 AIR CONDITIONER AR

SMCS-7304, 7320, 7337 **i00793613**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**8T-4191**	4	BOLT (M10X1.50X16MM)	
	2	1	**8T-4121**	18	WASHER (2.5MM THK)	
	3	1	**7T-4306**	2	LOUVER AS	
E	4	1	**8T-9005**		SEAL (440 CM)	
	5	1	**123-8715**	1	DUCT	
M	6	1	**8T-4189**	4	BOLT (M8X1.25X20MM)	
	7	1	**8R-0126**	4	WASHER	
	8	1	**123-8717**	1	DUCT	
	9	1	**123-8716**	1	DUCT	
	10	1	**4E-9152**	1	PLATE	
D	11	1	**5P-6129**		TUBE (.18 M)	
	12	1	**5D-1026**	1	CLAMP-HOSE	
M	13	1	**8T-4137**	16	BOLT (M10X1.50X20MM)	
D	14	1	**5P-5969**		SEAL (.13 M)	

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



GRAPHIC #1 g00121261

OPERATOR STATION

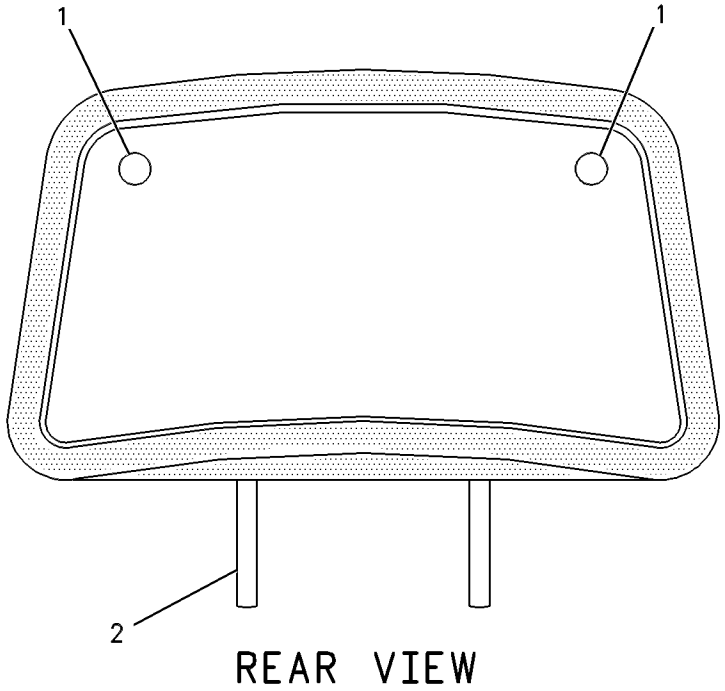
8Y-6883 EXTENSION GP-BACKREST

PIN 2KZ1-UP
FABRIC
PART OF 124-7735 SEAT GP

SMCS-7312 **i01218593**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
L	1	1	**8Y-5947**	2	FASTENER	
	2	1	**8Y-5877**	1	PAN AS-EXTENSION	
					AVAILABLE REPAIR KIT(S):	
L			**119-7130**	1	KIT-CUSHION (BACKREST)	
					(INCLUDES CUSHION AS AND FASTNERS)	

L-KIT MARKED L INCLUDES PART MARKED L



REAR VIEW

GRAPHIC #1 g00086580

OPERATOR STATION

4E-9439 FILTER GP-CAB AIR

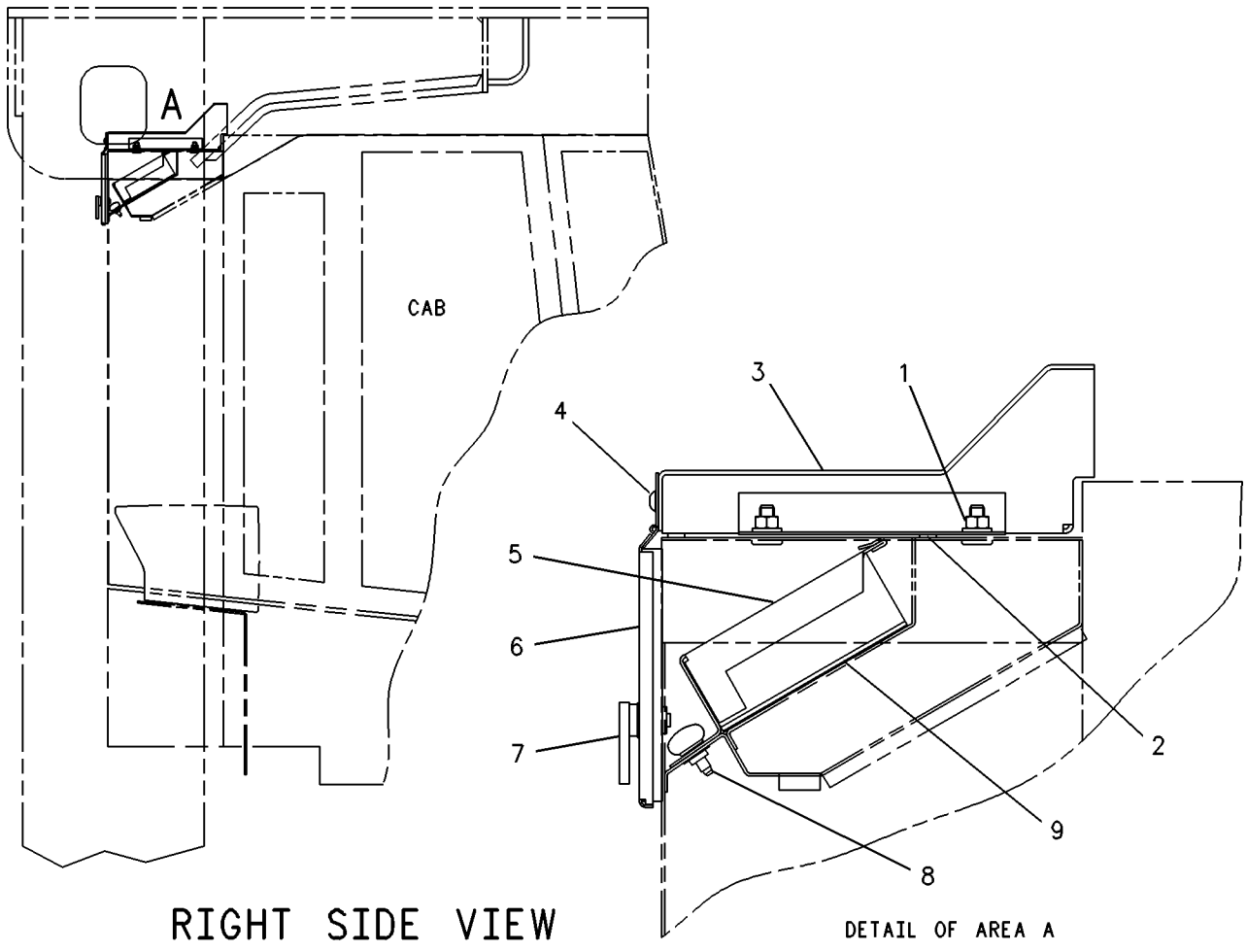
PIN 2KZ1-294

PART OF 118-7645 AIR CONDITIONER AR

SMCS-7342 **i01057776**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**8T-4133**	4	NUT (M10X1.50 THD)	
		1	**8T-4121**	4	WASHER (2.5MM THK)	
BD	2	1	**6V-0352**		SEAL	
	3	1	**4E-7401**	1	DUCT AS-INLET	
M		1	**6V-9632**	4	NUT-WELD (M6X1 THD)	
M	4	1	**9X-2043**	4	SCREW-TRUSS HEAD (M6X1X14MM)	
	5	1	**4E-7414**	1	SHEET	
	6	1	**4E-7410**	1	DOOR AS	
		1	**4E-7412**	1	HINGE	
E		1	**3E-6602**		SEAL	
	7	1	**3V-7689**	2	HANDLE AS	
	8	1	**3W-3465**	2	SCREW	
		1	**2R-2376**	2	WASHER (0.8MM THK)	
	9	1	**9X-8216**	1	FILTER-AIR	

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



GRAPHIC #1 g00119784

4E-9439 FILTER GP-CAB AIR

PIN 2KZ295-UP

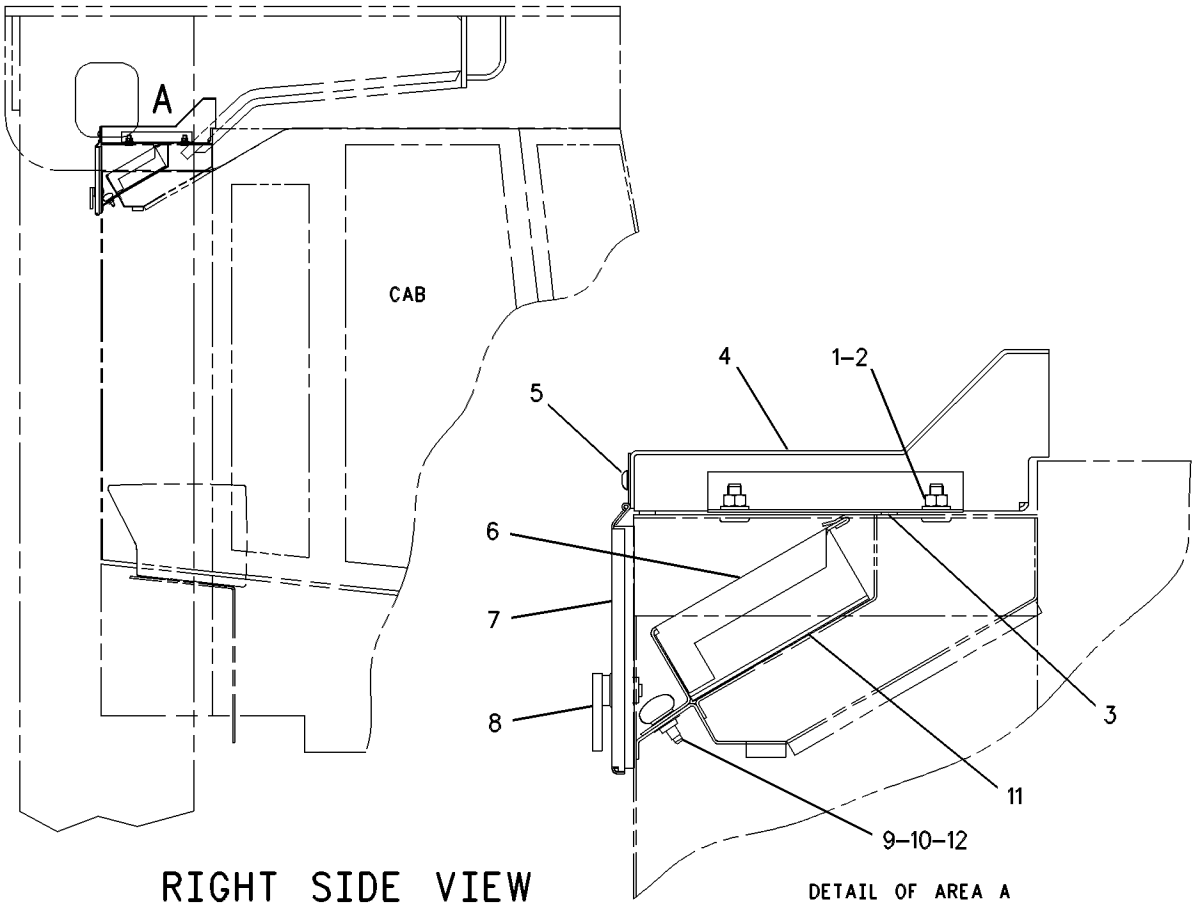
PART OF 118-7645 AIR CONDITIONER AR

SMCS-7342 **i01075174**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**8T-4133**	4	NUT (M10X1.50 THD)	
	2	1	**8T-4121**	4	WASHER (2.5MM THK)	
BD	3	1	**6V-0352**		SEAL	
C	4	1	**168-2562**	1	DUCT AS	
M		1	**6V-9632**	4	NUT-WELD (M6X1 THD)	
M	5	1	**9X-2043**	4	SCREW-TRUSS HEAD (M6X1X14MM)	
C	6	1	**160-2531**	1	FRAME-FILTER	
	7	1	**4E-7410**	1	DOOR AS	
		1	**4E-7412**	1	HINGE	
E		1	**3E-6602**		SEAL	
	8	1	**3V-7689**	2	HANDLE AS	
	9	1	**3W-3465**	2	SCREW	
	10	1	**2R-2376**	2	WASHER (0.8MM THK)	
	11	1	**9X-8216**	1	FILTER-AIR	
C	12	1	**6V-1668**	2	WASHER (3MM THK)	

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

4E-9439 **FILTER GP-CAB AIR** *(contd.)* **i01075174**



GRAPHIC #1 g00563640

OPERATOR STATION

4E-6409 INSTALLATION GP-RADIO

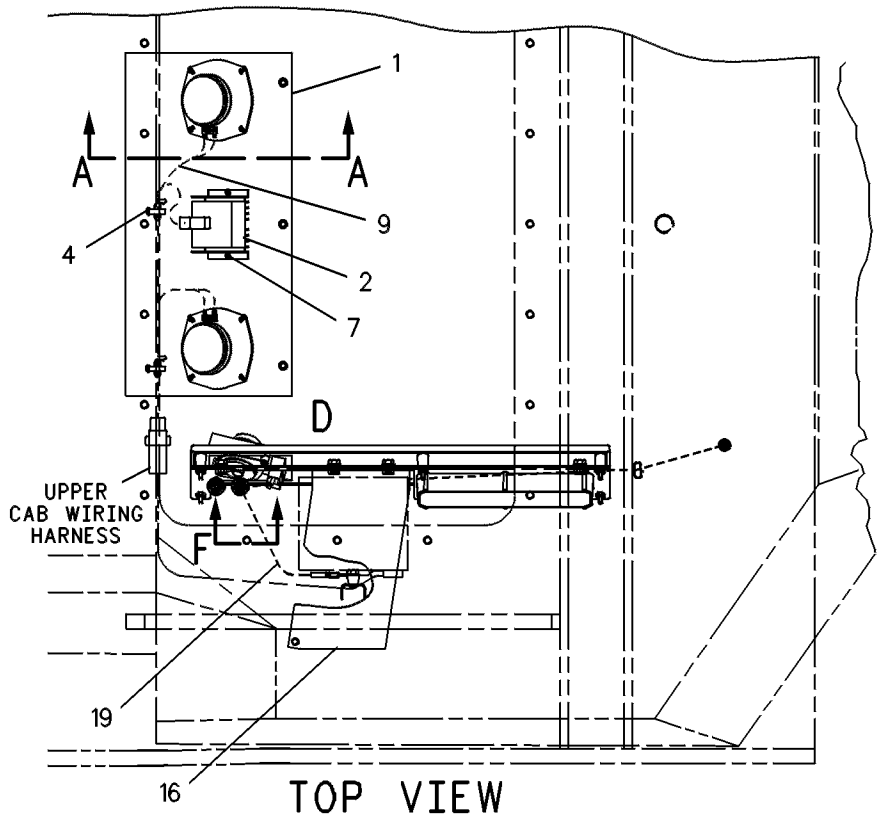
PIN 2KZ1-UP

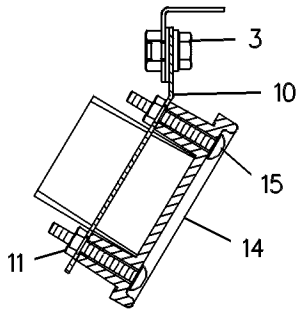
PART OF 153-3958 CAB AR

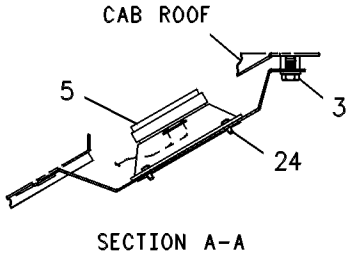
SMCS-7338 **i01251252**

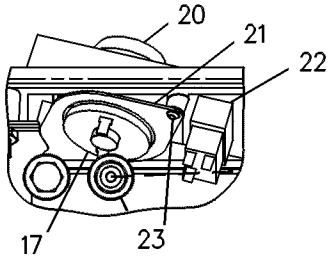
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-8030**	1	BRACKET AS	
		1	**7T-1099**	2	LINK	
	2	1	**119-1733**	1	CONVERTER-POWER (24 VOLT TO 12 VOLT)	
M	3	1	**8T-4191**	8	BOLT (M10X1.50X16MM)	
		1	**8T-4121**	8	WASHER-HARD (2.5MM THK)	
	4	1	**3S-2093**	2	STRAP-CABLE (1.75IN DIA)	
	5	1	**6T-7695**	2	SPEAKER AS-RADIO	
	6	1	**6B-4196**	4	WASHER-THRUST	
	7	1	**030-9613**	2	SCREW-FORMING	
	8	1	**9U-8263**	1	COVER	
	9	1	**103-4840**	1	HARNESS AS	
	10	1	**4E-8917**	1	PLATE AS	
M	11	1	**6V-9632**	6	NUT-WELD (M6X1 THD)	
	12	1	**1V-6341**	4	SEAL (30.15MM ID)	
	13	1	**9U-2327**	2	CONNECTOR	
	14	1	**4E-8035**	1	PANEL-TRIM	
M	15	1	**3E-6924**	6	SCREW-TRUSS HEAD	
	16	1	**4E-8038**	1	HANGER AS	
	17	1	**8Y-6335**	1	LAMP-MAP	
	18	1	**9U-2329**	1	CABLE AS-COAXIAL	
	19	1	**9U-2328**	1	CABLE AS-COAXIAL	
	20	1	**9X-4494**	1	LAMP	
	21	1	**4E-9151**	1	CLAMP	
	22	1	**3E-8766**	1	SWITCH AS (MAP LIGHT)	
		1	**3E-8785**	1	ACTUATOR-ROCKER	
		1	**126-1711**	1	KIT-LAMP CONVERSION (24V)	
M	23	1	**7Y-3173**	2	SCREW-BUTTON HEAD (M4X0.70X12MM)	
	24	1	**6V-2687**	8	SCREW-PAN HEAD (10-24X1IN)	

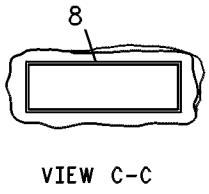
M-METRIC PART

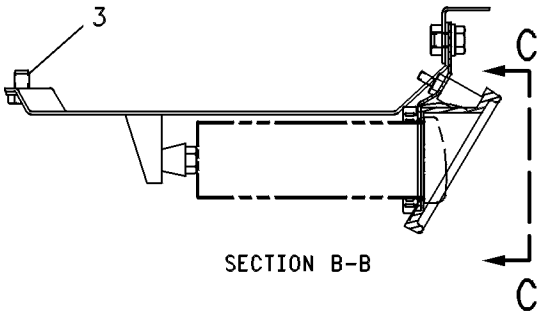


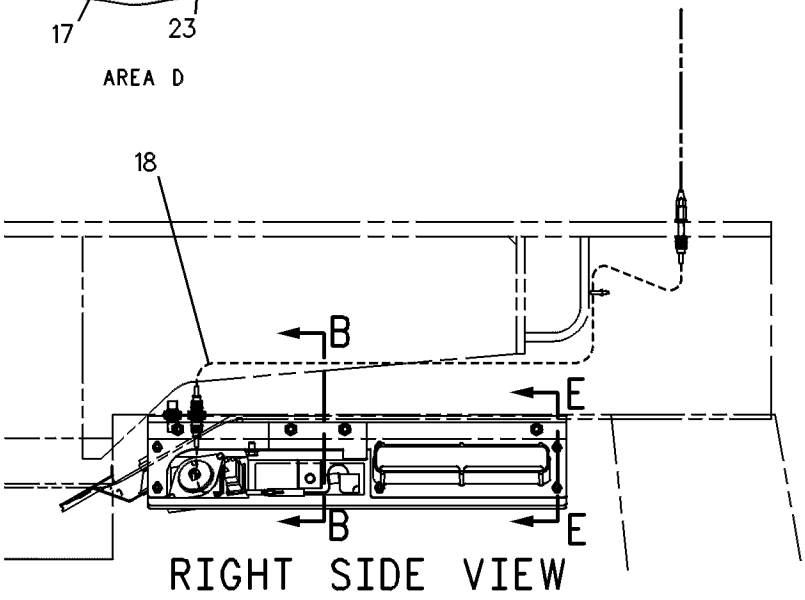


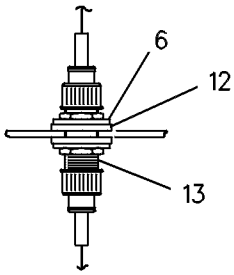












GRAPHIC #1 g00120843

OPERATOR STATION

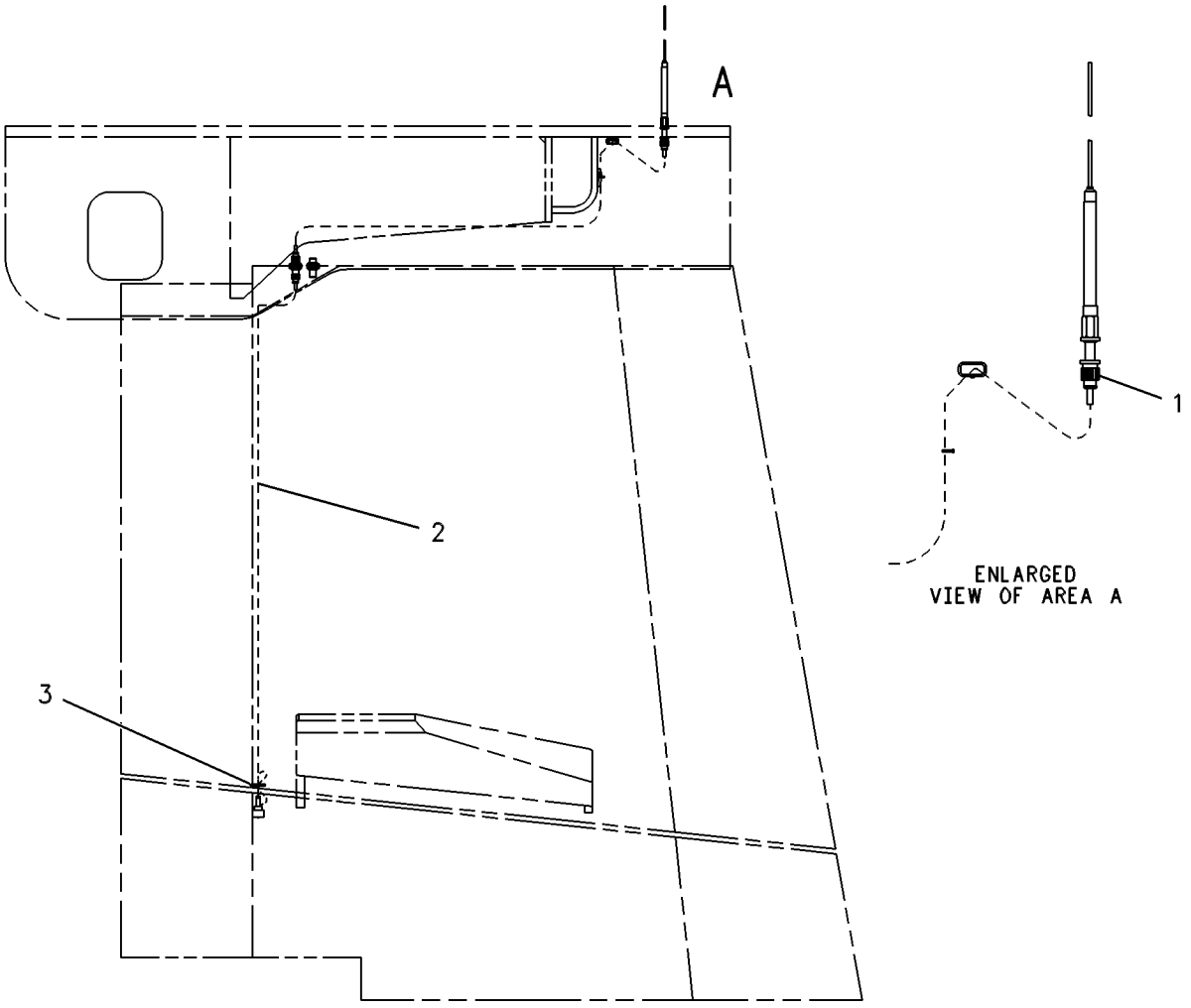
9U-2675 INSTALLATION GP-RADIO

PIN 2KZ1-UP

PART OF 153-3958 CAB AR

SMCS-7338 **i01057777**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9U-2334**	1	CABLE AS-COAXIAL	
	2	1	**131-0722**	1	CABLE AS-COAXIAL	
	3	1	**7K-1181**	1	STRAP-CABLE (4.00IN DIA)	



GRAPHIC #1 g00121415

MEMORANDA

OPERATOR STATION

131-1126 LATCH GP-CAB DOOR & WINDOW

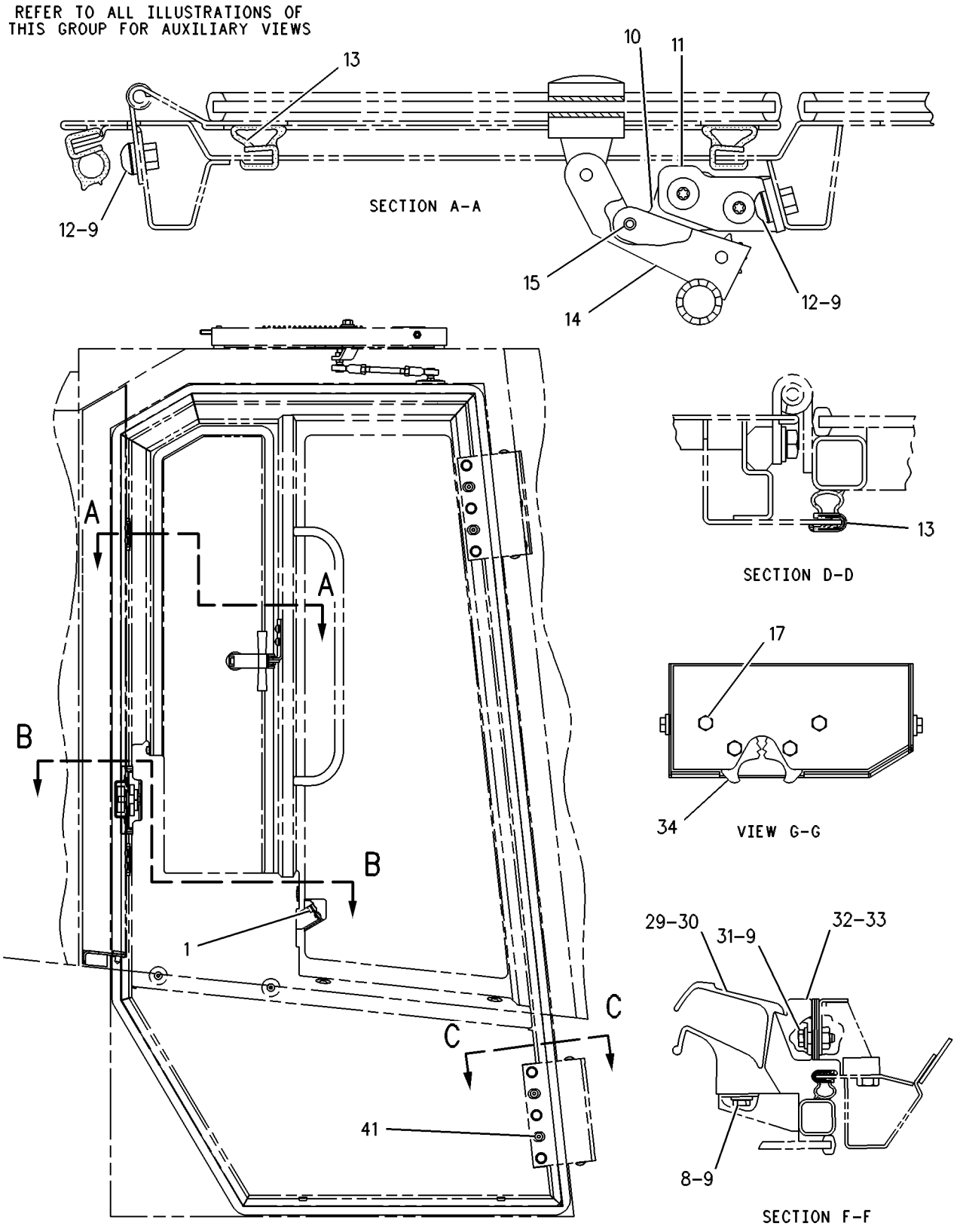
PIN 2KZ1-UP

PART OF 153-3958 CAB AR

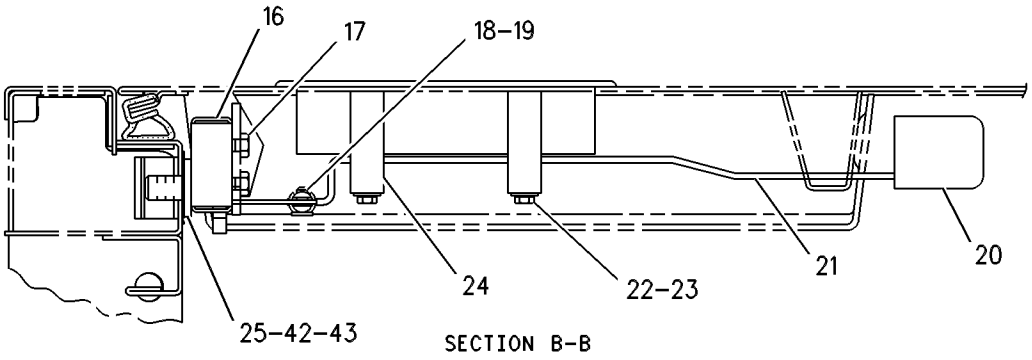
SMCS-7308, 7310 **i01185462**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**8C-3210**	1	BOLT (M6X1X16MM)	
M	2	2	**096-4884**	1	LOCKNUT (M12X1.75 THD)	
	3	2	**8T-4223**	1	WASHER-HARD (3MM THK)	
	4	2	**8T-4157**	1	STRIKER AS	
		2	**8T-4158**	1	WASHER	
	5	2	**4E-1384**	1	BUMPER-CONICAL	
M	6	2	**5C-7261**	2	NUT (M8X1.25 THD)	
	7	2	**4E-7839**	1	BRACKET AS	
M		2	**8T-3612**	1	NUT-WELD (M8X1.25 THD)	
M	8	1,2	**5C-9553**	9	BOLT (M6X1.0X16MM)	
	9	1,2	**8T-4205**	21	WASHER-HARD (2MM THK)	
	10	1	**4E-5726**	1	PLATE AS	
M		1	**6V-9632**	2	NUT-WELD (M6X1 THD)	
	11	1	**4E-5725**	1	PLATE	
M	12	1	**9X-2044**	8	SCREW-TRUSS HEAD (M6X1X16MM)	
E	13	1,2	**103-2554**		SEAL (1040CM)	
	14	1	**8Y-8294**	1	LATCH AS-WINDOW	
	15	1	**109-6945**	1	PIN-SPRING	
	16	2	**8Y-8320**	1	LATCH AS-DOOR	
M	17	1,2	**8T-4181**	8	BOLT (M6X1X20MM)	
	18	2	**8Y-8318**	1	LINK-CONNECTING	
	19	2	**6V-7636**	2	PIN AS-SPRING	
	20	2	**7X-2497**	1	HANDLE-DOOR	
	21	2	**8Y-8296**	1	HANDLE AS-PADDLE	
		2	**8Y-4501**	1	SPRING-HANDLE	
M	22	2	**6V-4298**	4	BOLT (M5X0.8X16MM)	
	23	2	**4B-4274**	4	WASHER (1.2MM THK)	
	24	2	**8T-4747**	2	BRACKET	
B	25	2	**8T-0318**	2	SHIM (0.8MM THK)	
	26	2	**4E-9536**	4	PLATE	
	27	2	**4E-7451**	2	PLATE	
	28	2	**4E-9537**	2	PLATE	
	29	1	**8T-4160**	1	HANDLE AS	
B	30	1	**8T-4745**	3	SHIM (1MM THK)	
M	31	1	**8T-4138**	2	BOLT (M6X1.0X20MM)	
	32	1	**6V-6885**	1	STRIKER-WINDOW	
B	33	1	**6W-3275**	2	SHIM (1.5MM THK)	
	34	1	**8Y-5748**	1	LATCH AS	
	35	2	**4E-7748**	1	BRACKET AS	
M		2	**6V-9632**	2	NUT-WELD (M6X1 THD)	
	36	2	**8Y-5749**	1	ROD AS-RELEASE	
M	37	2	**9X-2546**	2	BOLT (M6X1X20MM)	
M	38	2	**5C-2890**	2	NUT (M6X1.00 THD)	
	39	2	**7X-3310**	1	KNOB-BALL	
	40	2	**4E-7749**	1	COVER	
M	41	1	**9X-2045**	4	SCREW-TRUSS HEAD (M6X1X20MM)	
	42	2	**145-4484**	1	STRIKER	
	43	2	**7X-0546**	1	WASHER-HARD (2MM THK)	

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

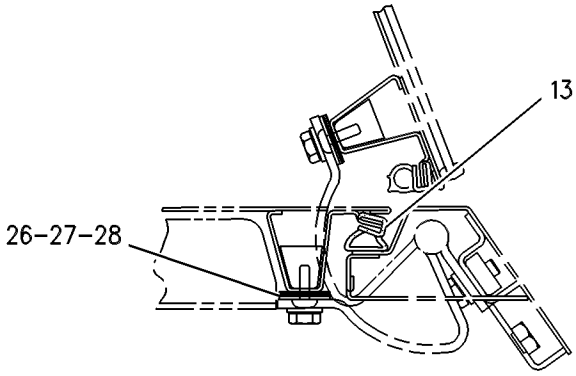


GRAPHIC #1 g00276744

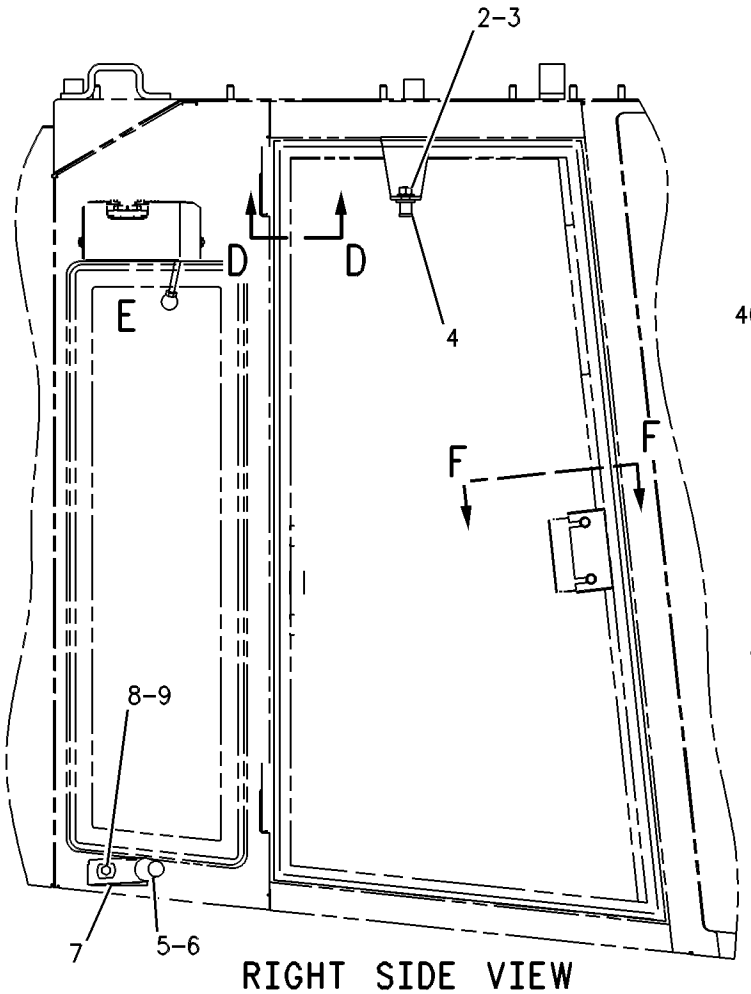


SECTION B-B

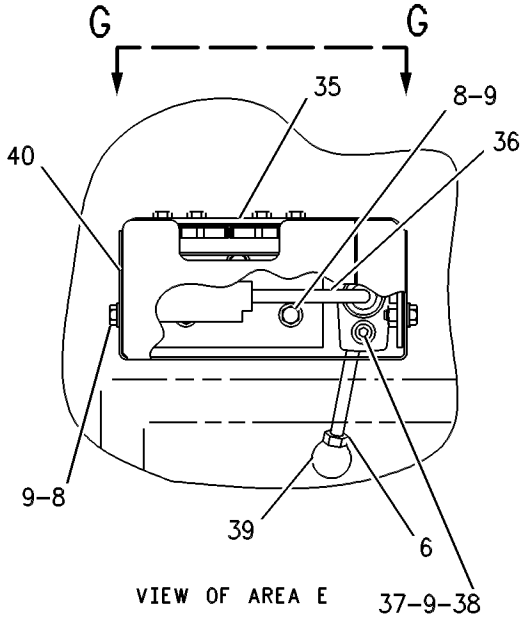
REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



SECTION C-C



RIGHT SIDE VIEW



VIEW OF AREA E

GRAPHIC #2

g00276745

MEMORANDA

OPERATOR STATION

118-7642 LINER GP-CAB

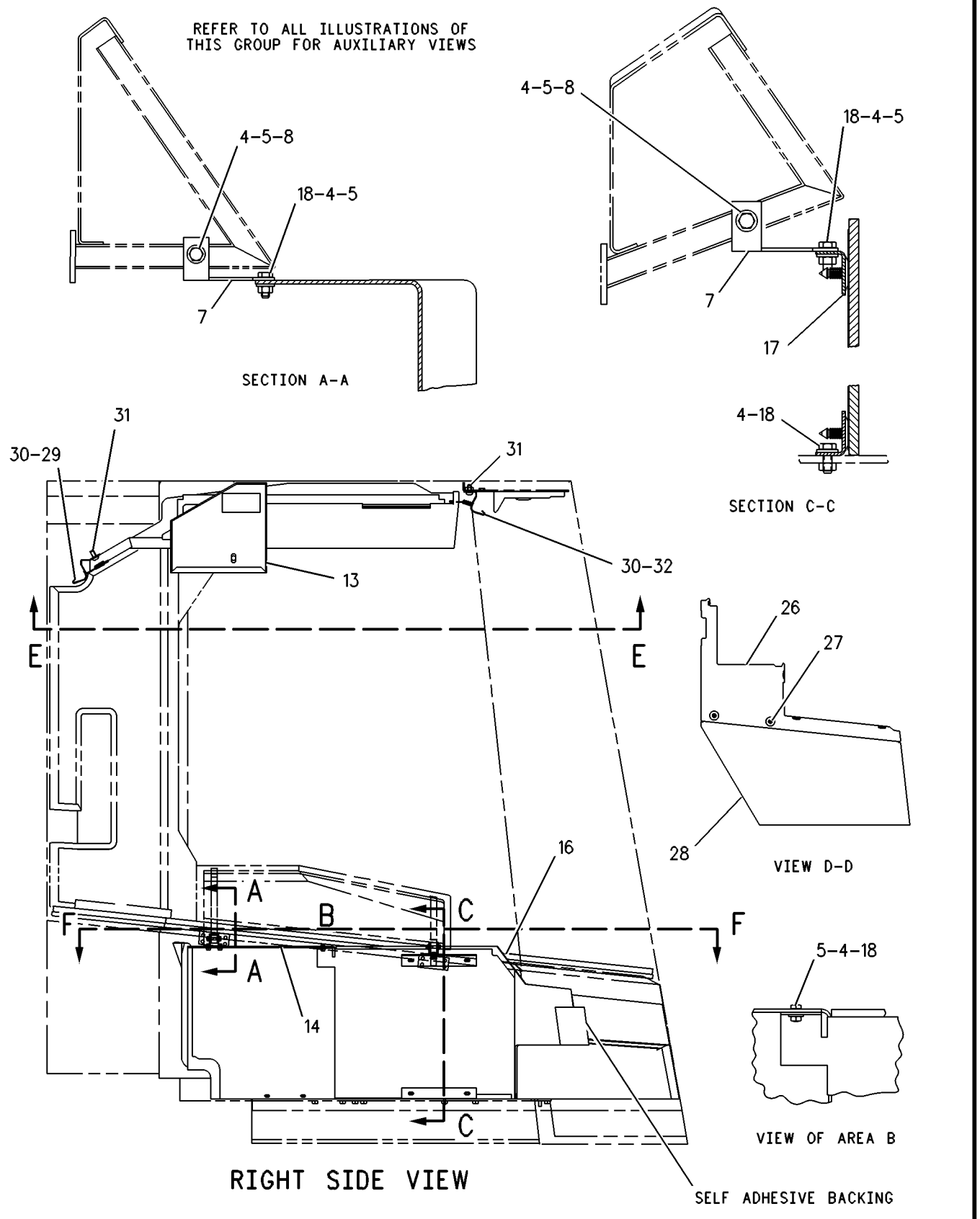
PIN 2KZ1-UP

PART OF 153-3958 CAB AR

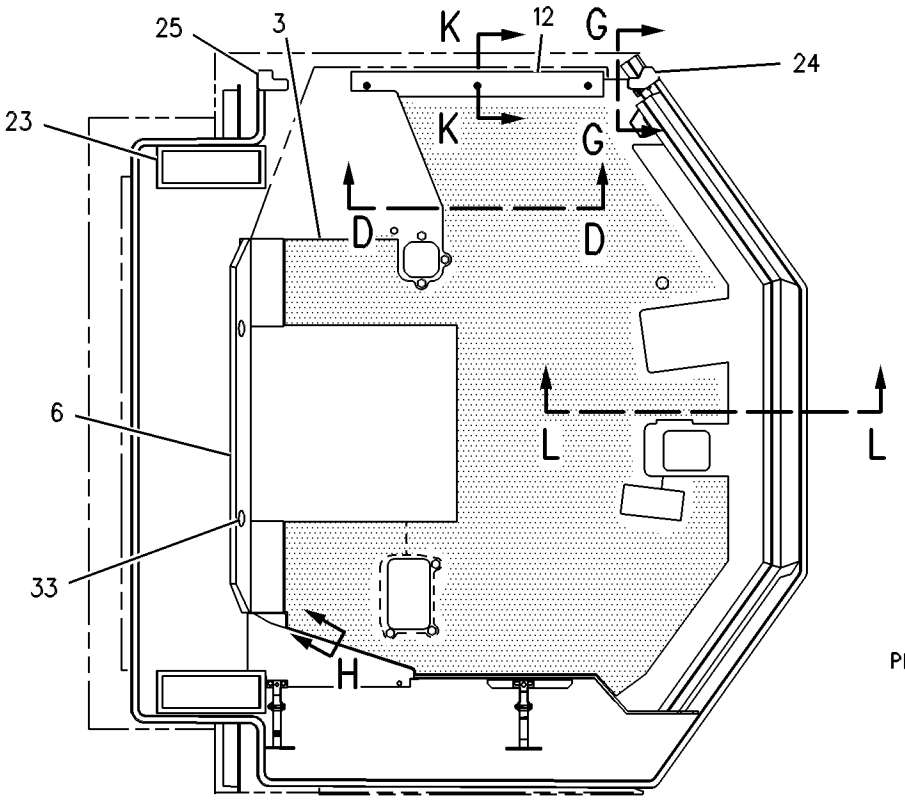
SMCS-7329 **i01229342**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	2	**123-8696**	1	INSULATION	
E	2	2	**103-2554**		SEAL (.51CM)	
	3	2	**123-8719**	1	FLOOR MAT	
	4	1	**5P-0537**	9	WASHER (2MM THK)	
M	5	1	**5C-2890**	6	NUT (M6X1.00 THD)	
	6	2	**146-3095**	1	PANEL AS	
	7	1	**9U-1860**	2	BRACKET	
M	8	1	**7X-2533**	2	BOLT (M6X1X35MM)	
	9	2	**146-3096**	1	HEADLINER	
	10	2	**123-8690**	1	HEADLINER	
	11	2	**6V-2687**	2	SCREW-PAN HEAD (10-24X1IN)	
	12	2	**9U-0712**	1	STRIP	
	13	1	**123-8726**	1	INSULATION	
	14	1	**123-8687**	1	PANEL	
M	15	2	**9X-2042**	3	SCREW-TRUSS HEAD (M6X1.0X12MM)	
	16	1	**123-8685**	1	PANEL AS-TRIM	
	17	1	**9U-1866**	2	ANGLE	
M	18	1	**5C-9553**	5	BOLT (M6X1.0X16MM)	
	19	2	**8T-4205**	2	WASHER-HARD (2MM THK)	
	20	2	**9U-1217**	1	COVER	
	21	2	**8T-4121**	2	WASHER-HARD (2.5MM THK)	
M	22	2	**8T-4191**	2	BOLT (M10X1.50X16MM)	
	23	2	**4E-6508**	2	SEAL	
	24	2	**4E-6509**	1	SEAL	
	25	2	**4E-6510**	1	SEAL	
	26	1	**123-8703**	1	PANEL-TRIM	
M	27	1	**9X-2044**	6	SCREW-TRUSS HEAD (M6X1X16MM)	
	28	1	**123-8702**	1	PANEL AS-SOUND SUPPRESSION	
		1	**4E-8293**	3	FASTENER	
	29	1	**4E-9448**	1	HANGER AS	
	30	1	**9D-3767**	8	PLUG-BUTTON	
M	31	1	**9X-2041**	8	SCREW-TRUSS HEAD (M10X1.5X20MM)	
	32	1	**4E-9450**	1	HANGER AS	
M	33	2	**9X-2040**	4	SCREW-TRUSS HEAD (M10X1.5X25MM)	
	34	2	**146-2614**	3	BUTTON	

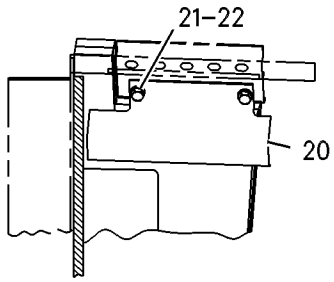
E-ORDER BY THE CENTIMETER
M-METRIC PART



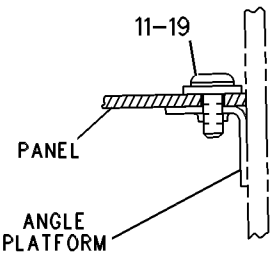
GRAPHIC #1 g00278966



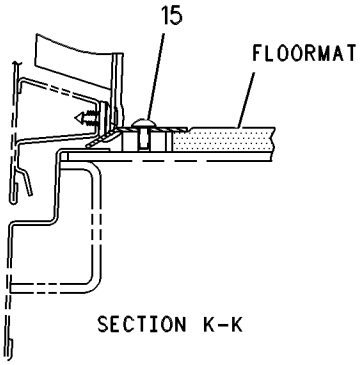
SECTION F-F



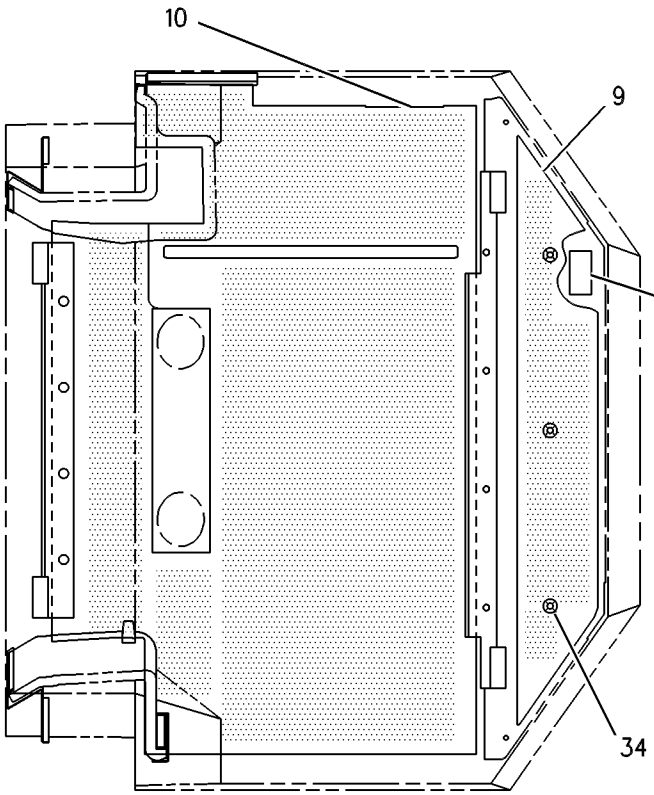
SECTION G-G



SECTION H

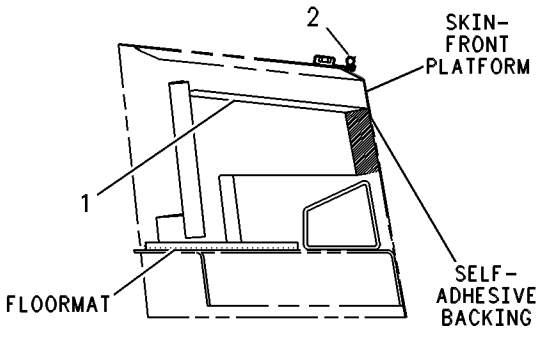


SECTION K-K



SECTION E-E

SELF-ADHESIVE BACKING
6 PLACES



SECTION L-L

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

GRAPHIC #2 g00278967

MEMORANDA

OPERATOR STATION

9U-1388 LINES GP-AIR CONDITIONER

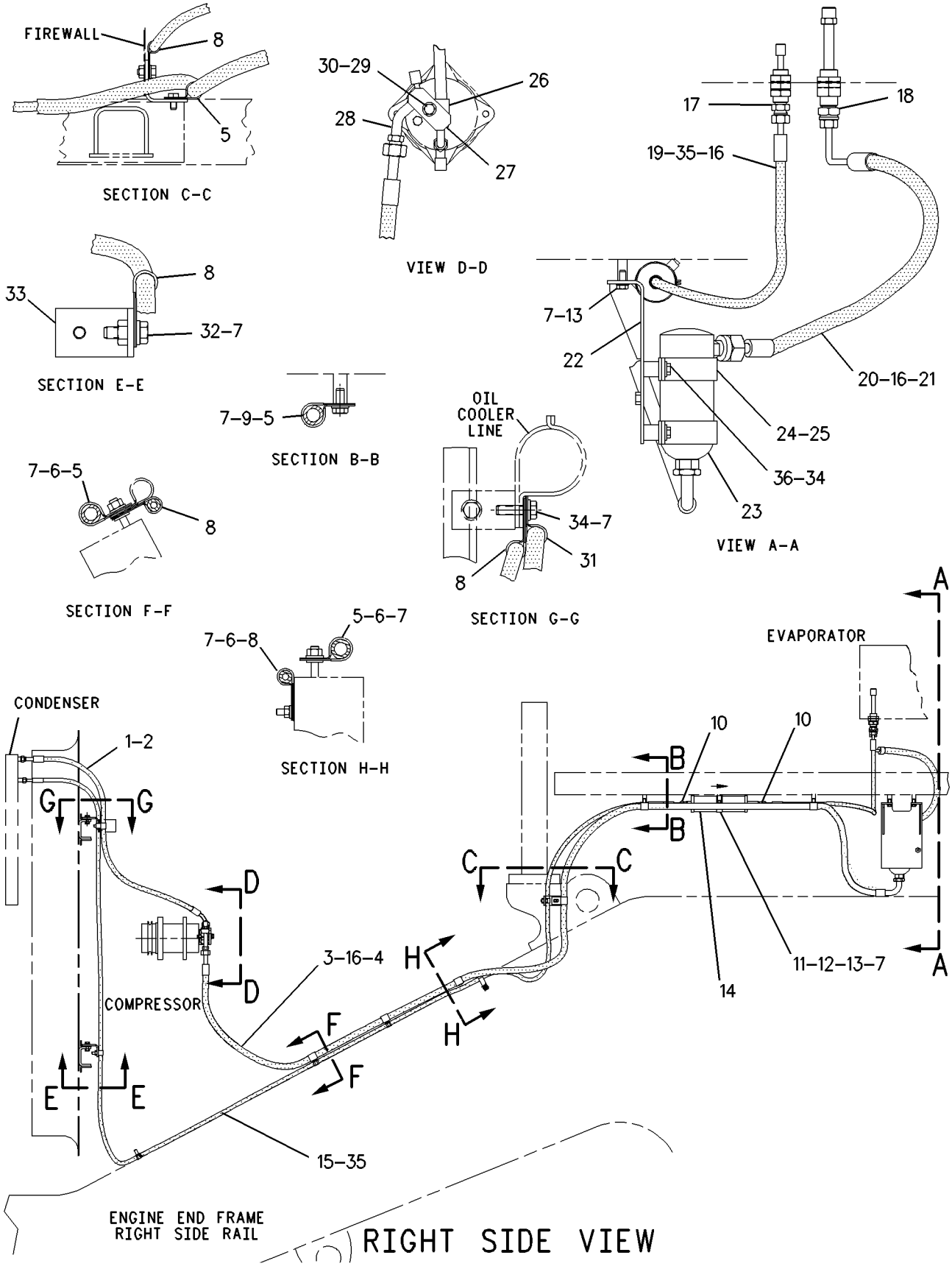
PIN 2KZ1-UP

PART OF 152-9752 CHASSIS AR

SMCS-1808 **i01236957**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
I	1	1	**4E-3557**	1	HOSE AS	
	2	1	**9X-7381**	2	SEAL-O-RING (10.82MM ID)	
I	3	1	**7I-3125**	1	HOSE AS	
	4	1	**9X-7382**	1	SEAL-O-RING (14.00MM ID)	
	5	1	**8J-8197**	6	CLIP (23.8MM ID)	
M	6	1	**8T-4133**	4	NUT (M10X1.50 THD)	
	7	1	**8T-4121**	11	WASHER-HARD (2.5MM THK)	
	8	1	**6K-8178**	7	CLIP (15.88MM ID)	
M	9	1	**8T-4137**	1	BOLT (M10X1.50X20MM)	
	10	1	**103-6100**	2	COUPLER-QUICK	
	11	1	**8S-6109**	1	CLIP (SLOT)	
	12	1	**8S-6110**	1	CLIP (TAB)	
M	13	1	**8T-4136**	3	BOLT (M10X1.50X25MM)	
	14	1	**3E-3535**	1	DRYER	
I	15	1	**7I-3124**	1	HOSE AS	
	16	1	**9X-7383**	3	SEAL-O-RING (17.17MM ID)	
	17	1	**5P-3948**	1	COUPLING AS-REFRIGERANT	
	18	1	**5P-3929**	1	COUPLING AS-REFRIGERANT	
I	19	1	**7I-3127**	1	HOSE AS	
I	20	1	**7I-3126**	1	HOSE AS	
	21	1	**9X-7384**	1	SEAL-O-RING (26.7MM ID)	
	22	1	**123-1386**	1	BRACKET AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5 THD)	
	23	1	**101-8789**	1	ACCUMULATOR-REFRIGERANT	
	24	1	**6V-4357**	2	CLIP (TAB)	
	25	1	**6V-4356**	2	CLIP (SLOT)	
	26	1	**3E-4066**	1	FITTING AS-AIR CONDITIONER	
		1	**3E-4052**	1	CAP-SEAL	
		1	**3E-4058**	1	VALVE AS-AIR CONDITIONER	
	27	1	**1P-6356**	1	PLATE	
	28	1	**3E-6812**	1	FITTING AS-AIR CONDITIONER	
		1	**3E-4051**	1	CAP-SEAL	
		1	**3E-4057**	1	VALVE AS-AIR CONDITIONER	
M	29	1	**8T-6466**	1	BOLT (M10X1.50X60MM)	
	30	1	**8T-2561**	1	WASHER (5MM THK)	
	31	1	**6D-4246**	1	CLIP (19.05MM ID)	
M	32	1	**8T-4195**	2	BOLT (M10X1.50X30MM)	
	33	1	**9U-1371**	1	BRACKET AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5 THD)	
M	34	1	**8T-4196**	3	BOLT (M10X1.50X35MM)	
	35	1	**9X-7380**	3	SEAL-O-RING (7.65MM ID)	
	36	1	**7X-7729**	2	WASHER (3MM THK)	

I-SEE HOSE FABRICATION GUIDE
M-METRIC PART



GRAPHIC #1 g00662376

OPERATOR STATION

126-6252 LINES GP-HEATER

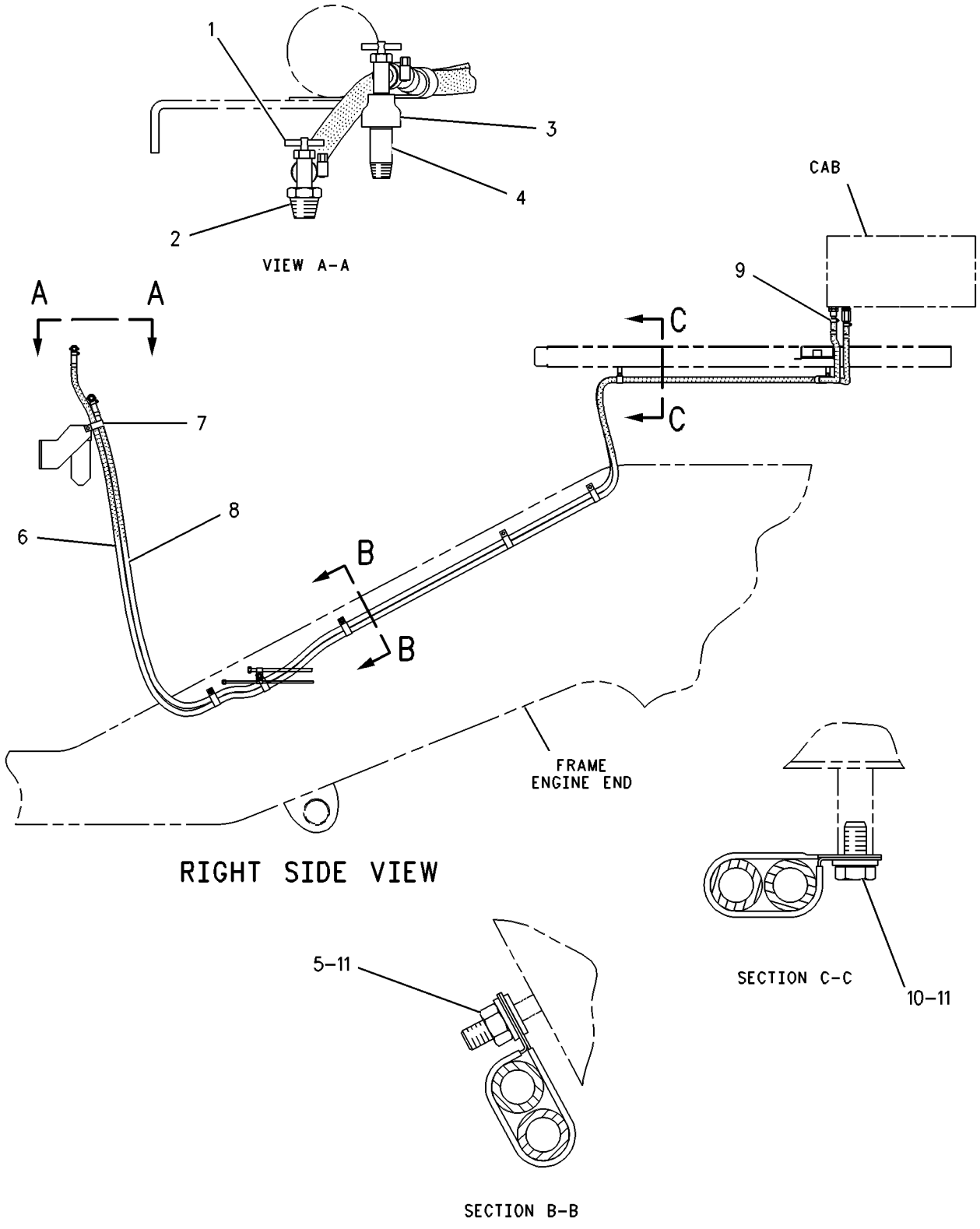
PIN 2KZ1-UP

PART OF 152-9752 CHASSIS AR

SMCS-7304 **i01229344**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8F-8151**	2	VALVE-SHUTOFF	
	2	1	**6B-4661**	1	BUSHING-REDUCER	
	3	1	**1H-1360**	1	COUPLING	
	4	1	**3B-7289**	1	NIPPLE-PIPE	
M	5	1	**8T-4133**	2	NUT (M10X1.50 THD)	
E	6	1	**5P-0767**		HOSE	
	7	1	**6D-1641**	8	CLIP (25.0MM ID)	
E	8	1	**5P-0767**		HOSE	
	9	1	**9X-2488**	4	CLAMP-HOSE	
M	10	1	**8T-4137**	2	BOLT (M10X1.50X20MM)	
	11	1	**8T-4121**	4	WASHER-HARD (2.5MM THK)	

E-ORDER BY THE CENTIMETER
M-METRIC PART



GRAPHIC #1

g00657400

OPERATOR STATION

6V-1970 LITERATURE GP

PIN 2KZ1-UP

PART OF 152-9752 CHASSIS AR

SMCS-7300, 7400 **i01215802**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	5P-8500	2	KEY	
	5P-7958	1	SLEEVE-CABLE SPLICE	

OPERATOR STATION

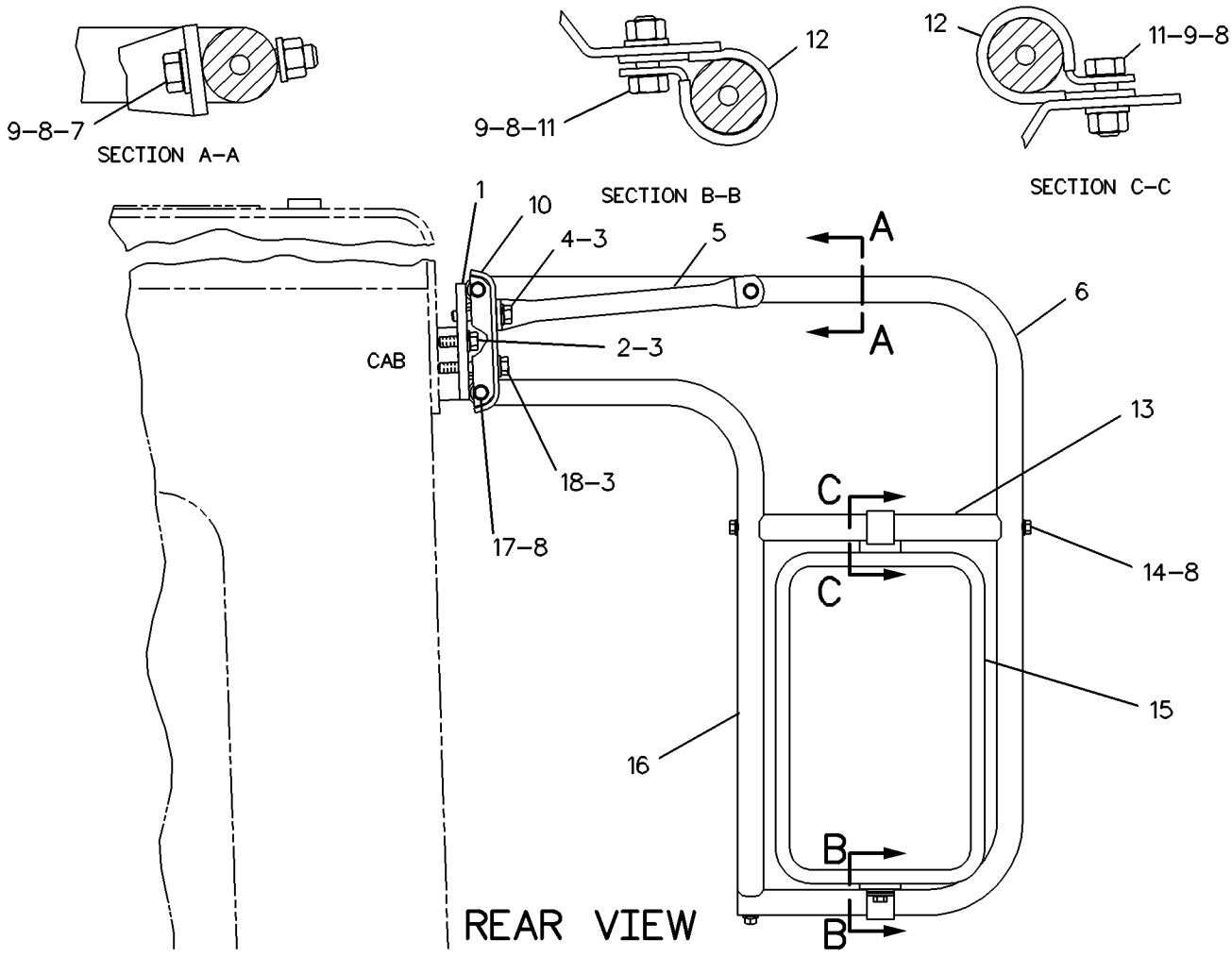
7I-3842 MIRROR GP–RH

PIN 2KZ1-UP

PART OF 106-4142 MIRROR GP-REAR VIEW

SMCS-7319 **i00174353**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8V-8901**	1	PLATE	
	2	1	**5P-2566**	2	BOLT (1/2-13X1.50IN)	
	3	1	**8T-4223**	8	WASHER-HARD (3MM THK)	
	4	1	**7X-0325**	3	BOLT (1/2-13X2.50IN)	
	5	1	**106-4144**	1	BRACKET	
	6	1	**4E-8122**	1	TUBE-RH	
	7	1	**8T-9377**	1	BOLT (3/8-16X2.25IN)	
	8	1	**8T-4896**	9	WASHER-HARD (2.5MM THK)	
	9	1	**6V-8801**	3	NUT (3/8-16 THD)	
	10	1	**8V-8908**	1	PLATE AS	
	11	1	**4L-6454**	2	BOLT (3/8-16X1.0IN)	
	12	1	**7I-3722**	2	CLIP	
	13	1	**7I-3720**	1	TUBE	
	14	1	**8T-7008**	3	BOLT (3/8-16X3IN)	
	15	1	**5P-6879**	1	MIRROR	
	16	1	**4E-8123**	1	TUBE-RH	
	17	1	**5S-7383**	2	BOLT (3/8-16X1.75IN)	
	18	1	**7X-0326**	3	BOLT (1/2-13X3IN)	



GRAPHIC #1 g00083378

OPERATOR STATION

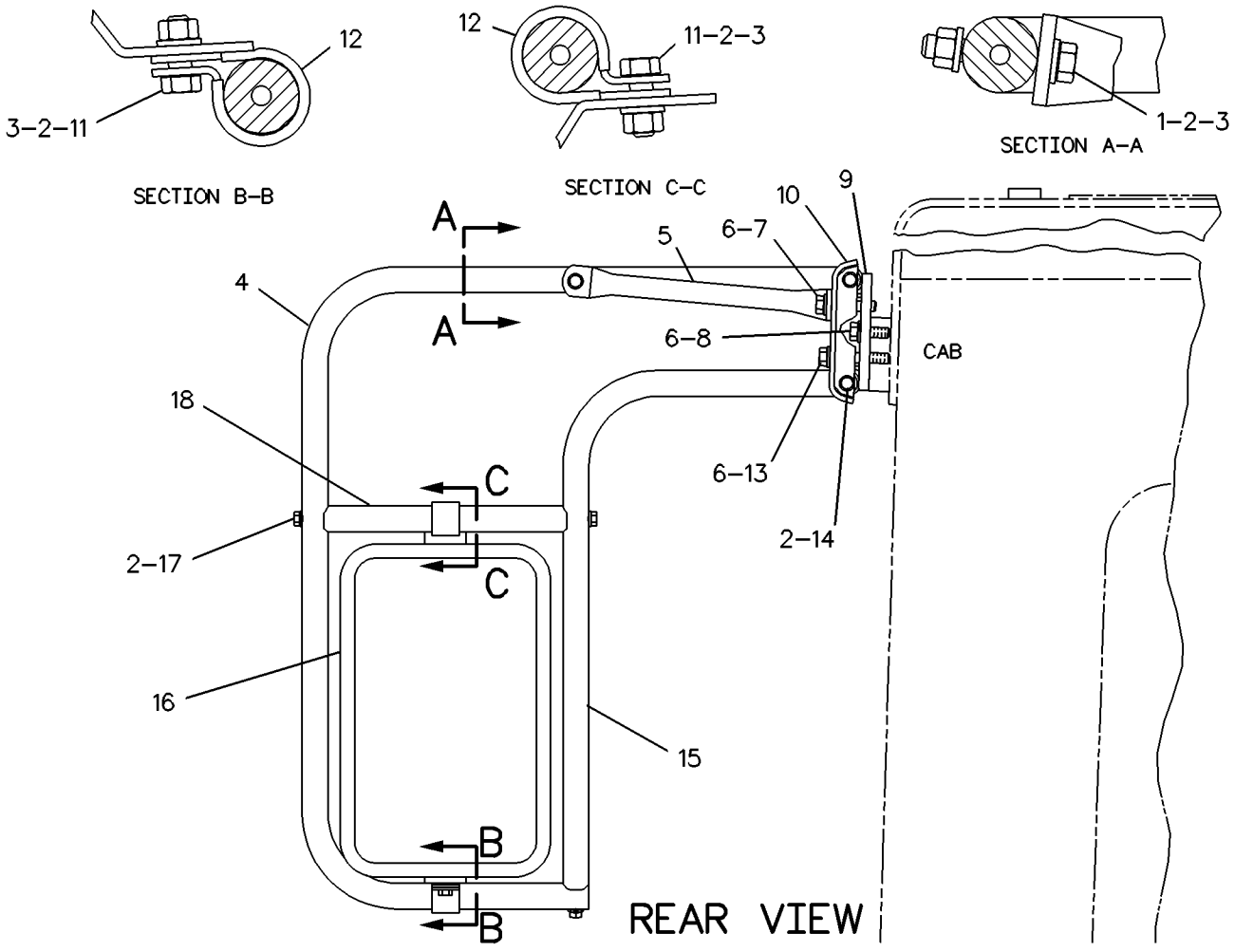
7I-3843 MIRROR GP–LH

PIN 2KZ1-UP

PART OF 106-4142 MIRROR GP-REAR VIEW

SMCS-7319 **i00174368**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8T-9377**	1	BOLT (3/8-16X2.25IN)	
	2	1	**8T-4896**	9	WASHER-HARD (2.5MM THK)	
	3	1	**6V-8801**	3	NUT (3/8-16 THD)	
	4	1	**4E-8124**	1	TUBE-LH	
	5	1	**106-4149**	1	BRACKET	
	6	1	**8T-4223**	8	WASHER-HARD (3MM THK)	
	7	1	**7X-0325**	3	BOLT (1/2-13X2.50IN)	
	8	1	**5P-2566**	2	BOLT (1/2-13X1.50IN)	
	9	1	**8V-8901**	1	PLATE	
	10	1	**8V-8908**	1	PLATE AS	
	11	1	**4L-6454**	2	BOLT (3/8-16X1.0IN)	
	12	1	**7I-3722**	2	CLIP	
	13	1	**7X-0326**	3	BOLT (1/2-13X3IN)	
	14	1	**5S-7383**	2	BOLT (3/8-16X1.75IN)	
	15	1	**4E-8125**	1	TUBE-LH	
	16	1	**5P-6879**	1	MIRROR	
	17	1	**8T-7008**	3	BOLT (3/8-16X3IN)	
	18	1	**7I-3720**	1	TUBE	



GRAPHIC #1 g00083380

OPERATOR STATION

106-4143 MIRROR GP

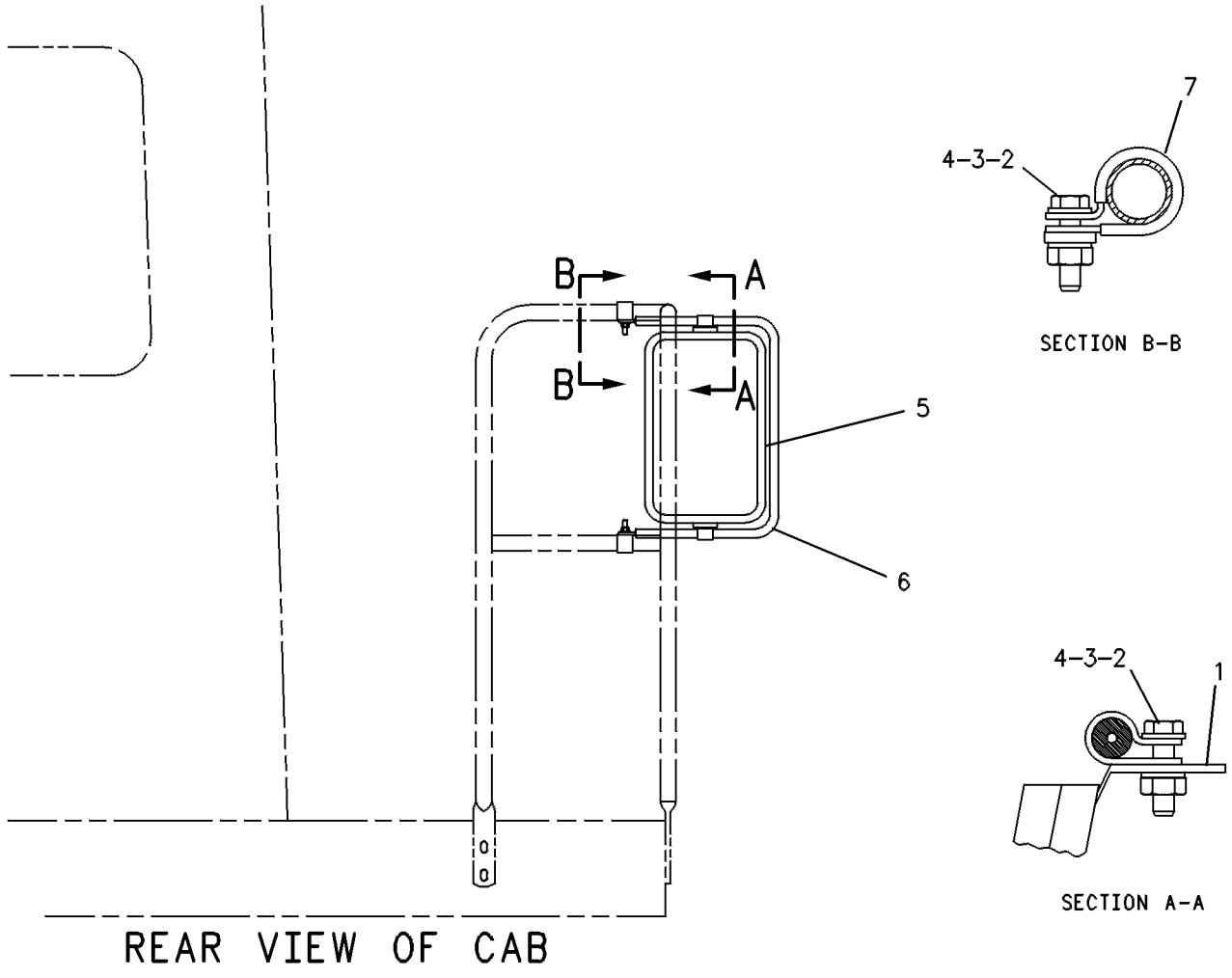
PIN 2KZ1-UP

PART OF 106-4142 MIRROR GP-REAR VIEW

SMCS-7319 **i01057778**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6G-8829**	2	CLAMP	
M	2	1	**8T-4186**	4	BOLT (M10X1.50X40MM)	
	3	1	**8T-4121**	8	WASHER (2.5MM THK)	
M	4	1	**096-4883**	4	LOCKNUT (M10X1.50 THD)	
	5	1	**5P-6879**	1	MIRROR	
	6	1	**7U-1903**	1	SUPPORT-MIRROR	
	7	1	**7I-3722**	2	CLIP	

M-METRIC PART



GRAPHIC #1 g00120110

106-4142 MIRROR GP-REAR VIEW

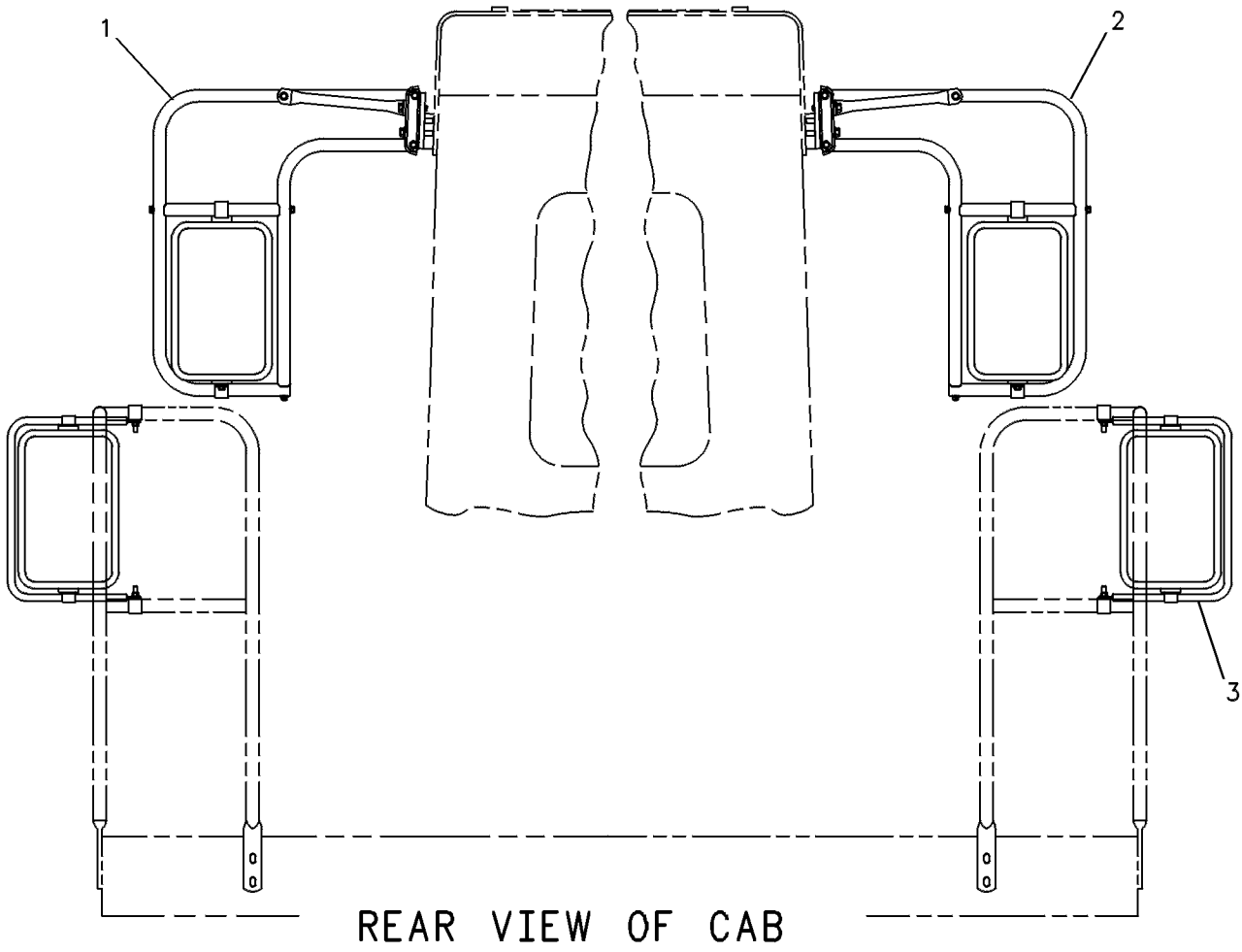
PIN 2KZ1-UP

PART OF 152-9752 CHASSIS AR

SMCS-7319 **i01250776**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	*7I-3842*	1	MIRROR GP (LH)	603
Y	2	1	*7I-3843*	1	MIRROR GP (RH)	604
Y	3	1	*106-4143*	2	MIRROR GP	605

Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00120109

OPERATOR STATION

130-6907 MOUNTING GP-CAB

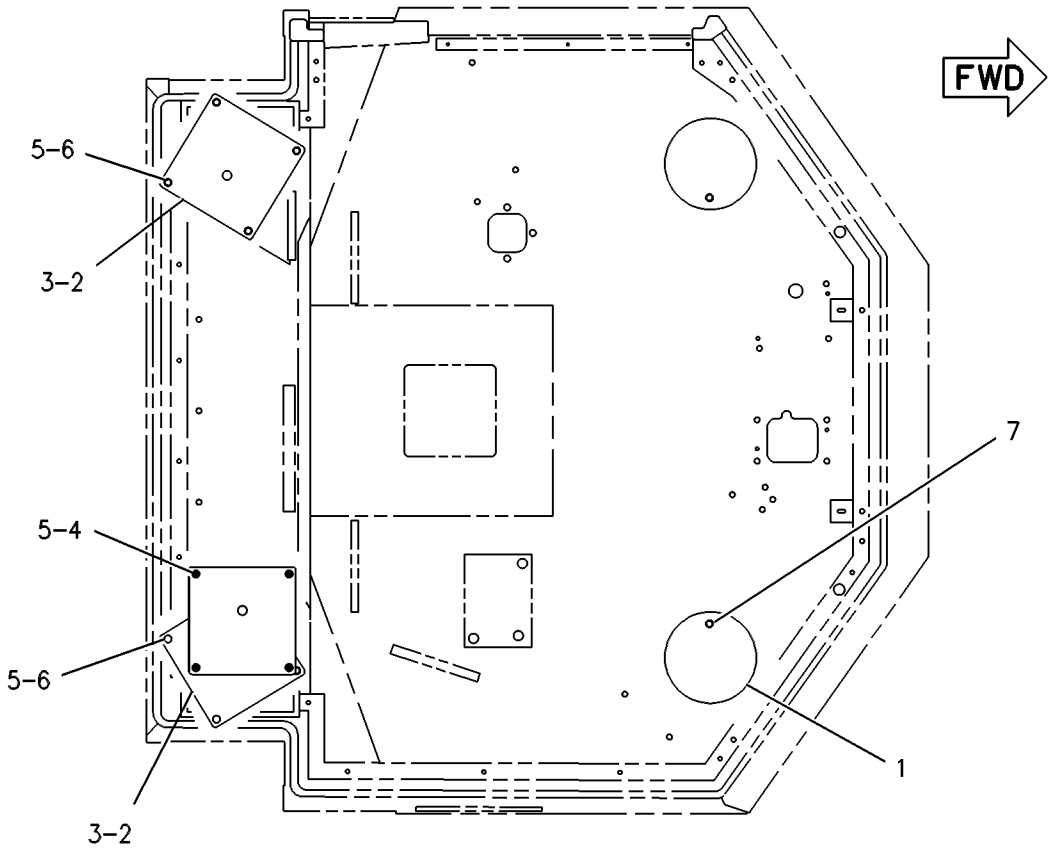
PIN 2KZ1-UP

PART OF 153-3966 OPERATOR AR

SMCS-7301 **i00187583**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-8984**	2	COVER AS	
	2	1	**4E-8996**	3	COVER	
	3	1	**4E-9056**	3	GASKET	
M	4	1	**5C-7261**	4	NUT (M8X1.25 THD)	
	5	1	**8T-4224**	12	WASHER-HARD (2MM THK)	
M	6	1	**8T-4200**	8	BOLT (M8X1.25X16MM)	
M	7	1	**9X-2045**	2	SCREW-TRUSS HEAD (M6X1X20MM)	

M-METRIC PART



TOP VIEW

GRAPHIC #1 g00122737

OPERATOR STATION

8R-5531 MOUNTING GP-PLATFORM

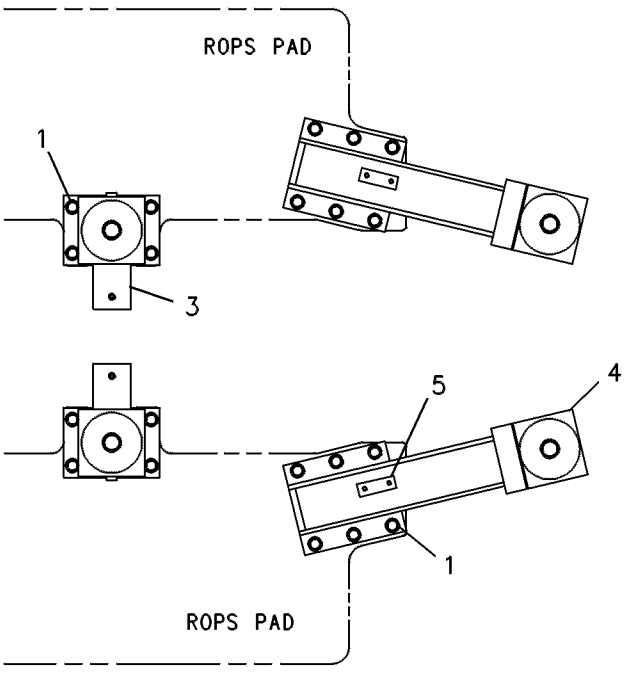
PIN 2KZ1-UP

PART OF 152-9752 CHASSIS AR

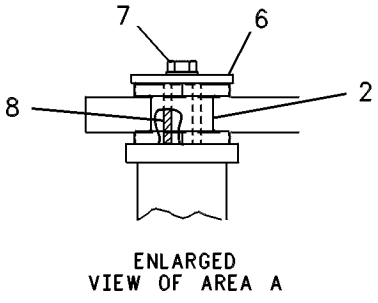
SMCS-7253 **i01229430**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**8T-4140**	20	BOLT (M16X2.0X60MM)	
		1	**8T-4122**	20	WASHER (3.5MM THK)	
	2	1	**9W-9941**	4	MOUNT AS	
	3	1	**4E-9337**	2	SUPPORT AS	
					(EACH INCLUDES)	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5 THD)	
	4	1	**4E-9331**	2	SUPPORT AS	
					(EACH INCLUDES)	
	5	1	**9C-4935**	1	PLATE	
	6	1	**9W-7388**	4	WASHER (12.0MM THK)	
M	7	1	**8T-4649**	4	BOLT (M24X3X140MM)	
		1	**8T-4167**	4	WASHER (4.0MM THK)	
	8	1	**9W-7385**	4	SLEEVE	

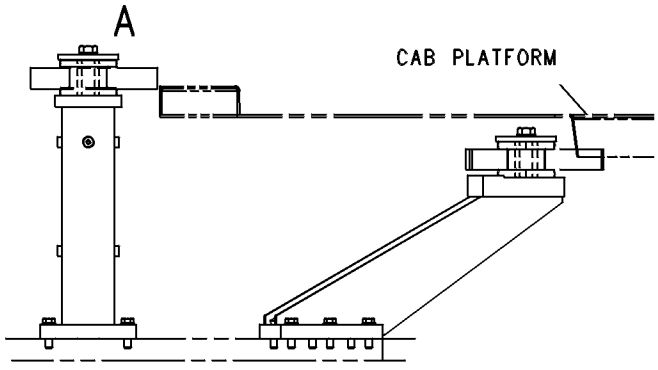
M-METRIC PART



TOP VIEW



ENLARGED VIEW OF AREA A



RIGHT SIDE VIEW

GRAPHIC #1 g00120160

OPERATOR STATION

153-3966 OPERATOR AR

PIN 2KZ1-UP

PART OF 152-9752 CHASSIS AR

SMCS-7301, 7325, 7335 **i00751547**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*153-3958*	1	CAB AR	567
Y	*123-7023*	1	CAB GP	568
Y	*130-6907*	1	MOUNTING GP-CAB	607

Y-SEPARATE ILLUSTRATION

OPERATOR STATION

8Y-5992 PAN GP-SEAT—BOTTOM

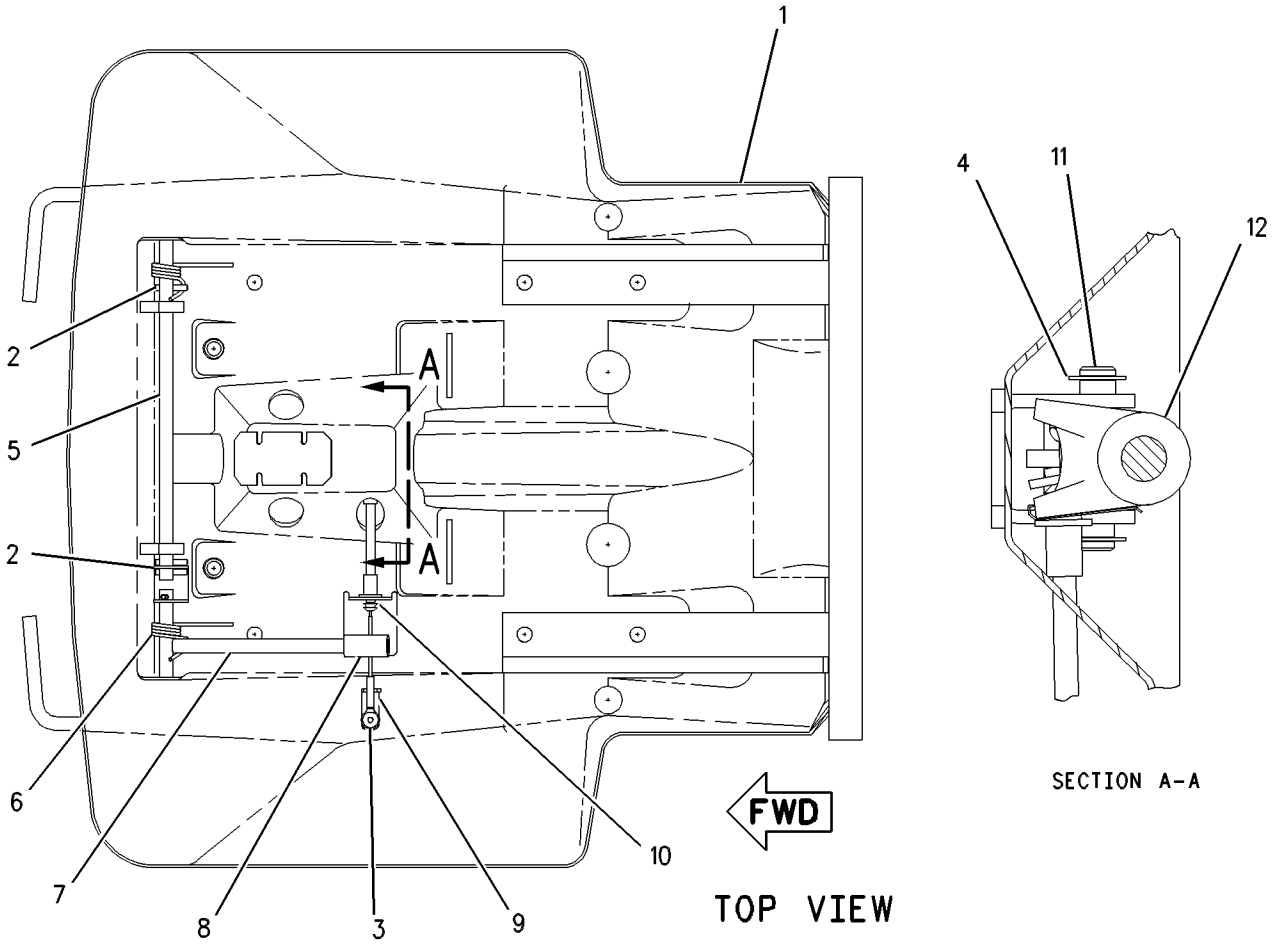
PIN 2KZ1-UP

PART OF 124-7736 SEAT GP

SMCS-7312 **i01155511**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8Y-5892**	1	PAN AS-SEAT (BOTTOM)	
JL	2	1	**3K-4897**	4	PIN-SPRING	
N	3	1	**9M-5733**	1	RIVET-POP (4.78MM DIA)	
N	4	1	**6V-2456**	2	RING-RETAINING	
JZ	5	1		1	ROD AS	
JLZ	6	1		2	SPRING	
LZ	7	1		1	ROD AS	
LZ	8	1		1	BUSHING-TERMINAL	
NZ	9	1		1	BRACKET	
NZ	10	1		1	CABLE AS	
NZ	11	1		1	PIN	
NZ	12	1		1	ADJUSTER AS	
					AVAILABLE REPAIR KIT(S):	
J			**8Y-5995**	1	KIT-SEAT TILT	
					(INCLUDES BUSHING & LOCKPIN)	
L			**8Y-5998**	1	KIT-BACK TILT	
					(INCLUDES BUSHING)	
N			**8Y-5999**	1	KIT-ADJUSTER	

J-KIT(S) MARKED J INCLUDES PART(S) MARKED J
L-KIT(S) MARKED L INCLUDES PART(S) MARKED L
N-KIT(S) MARKED N INCLUDES PART(S) MARKED N
Z-NOT SERVICED SEPARATELY



GRAPHIC #1 g00527029

OPERATOR STATION

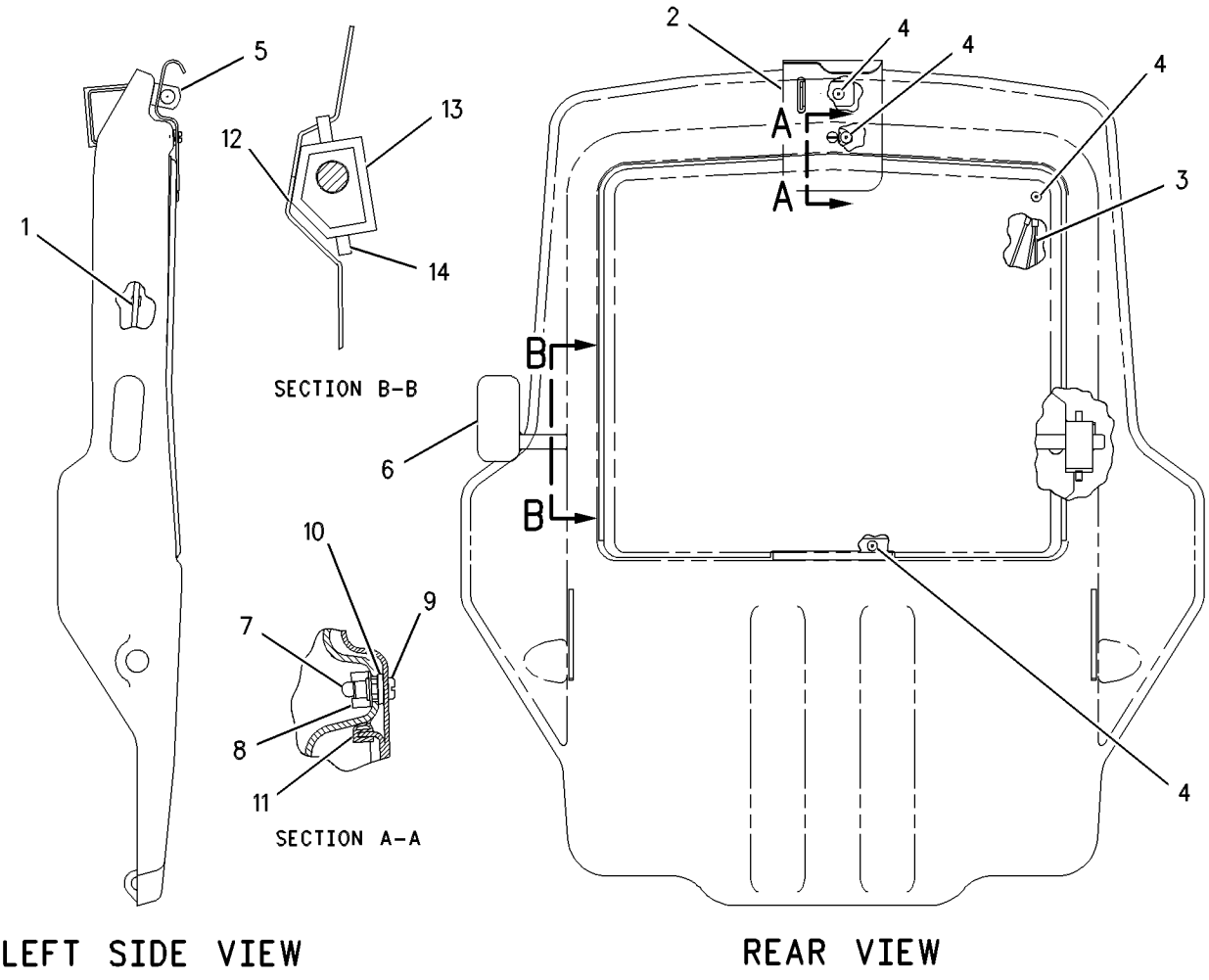
108-8421 PAN GP-SEAT

PIN 2KZ1-UP
LUMBAR-BACK
PART OF 124-7736 SEAT GP

SMCS-7312 **i01221111**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9M-5733**	2	RIVET-POP (4.78MM DIA)	
	2	1	**8Y-6006**	1	LID AS	
	3	1	**8Y-6010**	1	LANYARD	
	4	1	**4S-8287**	8	RIVET-POP (6MM DIA)	
	5	1	**8Y-5972**	1	LATCH	
	6	1	**108-8423**	1	SHAFT AS-LUMBAR	
	7	1	**3E-4336**	1	STUD-BALL	
	8	1	**3E-4335**	1	CLIP	
	9	1	**2F-7306**	1	SCREW-MACHINE (6-32X.25IN)	
	10	1	**8F-1462**	1	WASHER-PLATED	
E	11	1	**3E-6575**		SEAL (76CM)	
	12	1	**108-8424**	1	PAN-LUMBAR	
	13	1	**8Y-5903**	2	CAM	
	14	1	**3E-4362**	2	PIN-SPRING	

E-ORDER BY THE CENTIMETER



GRAPHIC #1 g00383446

MEMORANDA

OPERATOR STATION

123-8361 PANEL GP-INSTRUMENT

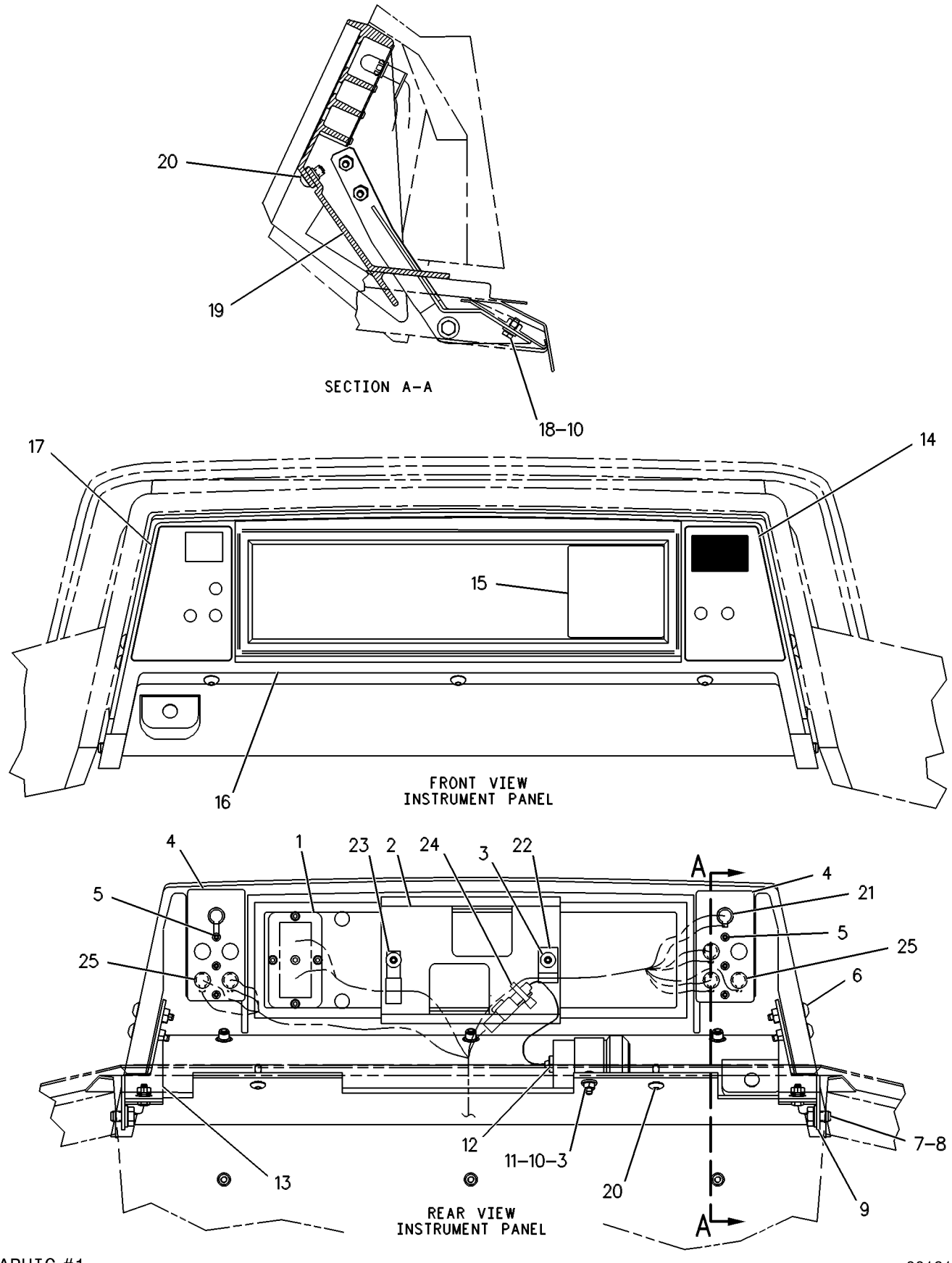
PIN 2KZ1-UP

PART OF 153-3958 CAB AR

SMCS-7451 **i01251885**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	*103-8529*	1	CONTROL GP-CMS DISPLAY	577
	2	1	**8R-9995**	1	BRACKET	
M	3	1	**9X-2044**	3	SCREW-TRUSS HEAD (M6X1X16MM)	
	4	1	**7I-3006**	2	STRIP	
M	5	1	**7X-3319**	6	SCREW-HEX SOCKET (M4X0.7X6MM)	
M	6	1	**9X-2046**	4	SCREW-TRUSS HEAD (M6X1X35MM)	
M	7	1	**8T-4191**	2	BOLT (M10X1.50X16MM)	
	8	1	**6V-5839**	2	WASHER (2.5MM THK)	
	9	1	**4E-8940**	1	BRACKET AS	
M		1	**6V-9632**	2	NUT-WELD (M6X1 THD)	
	10	1	**8T-4205**	3	WASHER-HARD (2MM THK)	
M	11	1	**5C-2890**	1	NUT (M6X1.00 THD)	
Y	12	1	**3E-6328**	1	ALARM GP (ACTION)	139
	13	1	**4E-8937**	1	BRACKET AS	
M		1	**6V-9632**	2	NUT-WELD (M6X1 THD)	
	14	1	**125-0053**	1	FILM-FACE (CAT)	
	15	1	**130-1534**	1	FILM-CMS	
	16	1	**4E-8537**	1	PANEL-INSTRUMENT	
	17	1	**125-0054**	1	FILM-FACE	
M	18	1	**5C-9553**	2	BOLT (M6X1.0X16MM)	
	19	1	**4E-8538**	1	PANEL-FILLER	
M	20	1	**9X-2045**	5	SCREW-TRUSS HEAD (M6X1X20MM)	
	21	1	**9W-2111**	1	LAMP (28 VOLT)	
	22	1	**5P-9085**	1	CLIP (7.94MM ID) (7.94MM ID)	
	23	1	**9X-2332**	1	CLIP (21.5MM ID)	
	24	1	**3S-2093**	1	STRAP-CABLE (1.75IN DIA)	
	25	1	**7N-5876**	5	LAMP-MINIATURE (28 VOLT)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

g00121388

OPERATOR STATION

166-8492 PANEL GP-INSTRUMENT

PIN 2KZ1-UP

PART OF 153-3958 CAB AR

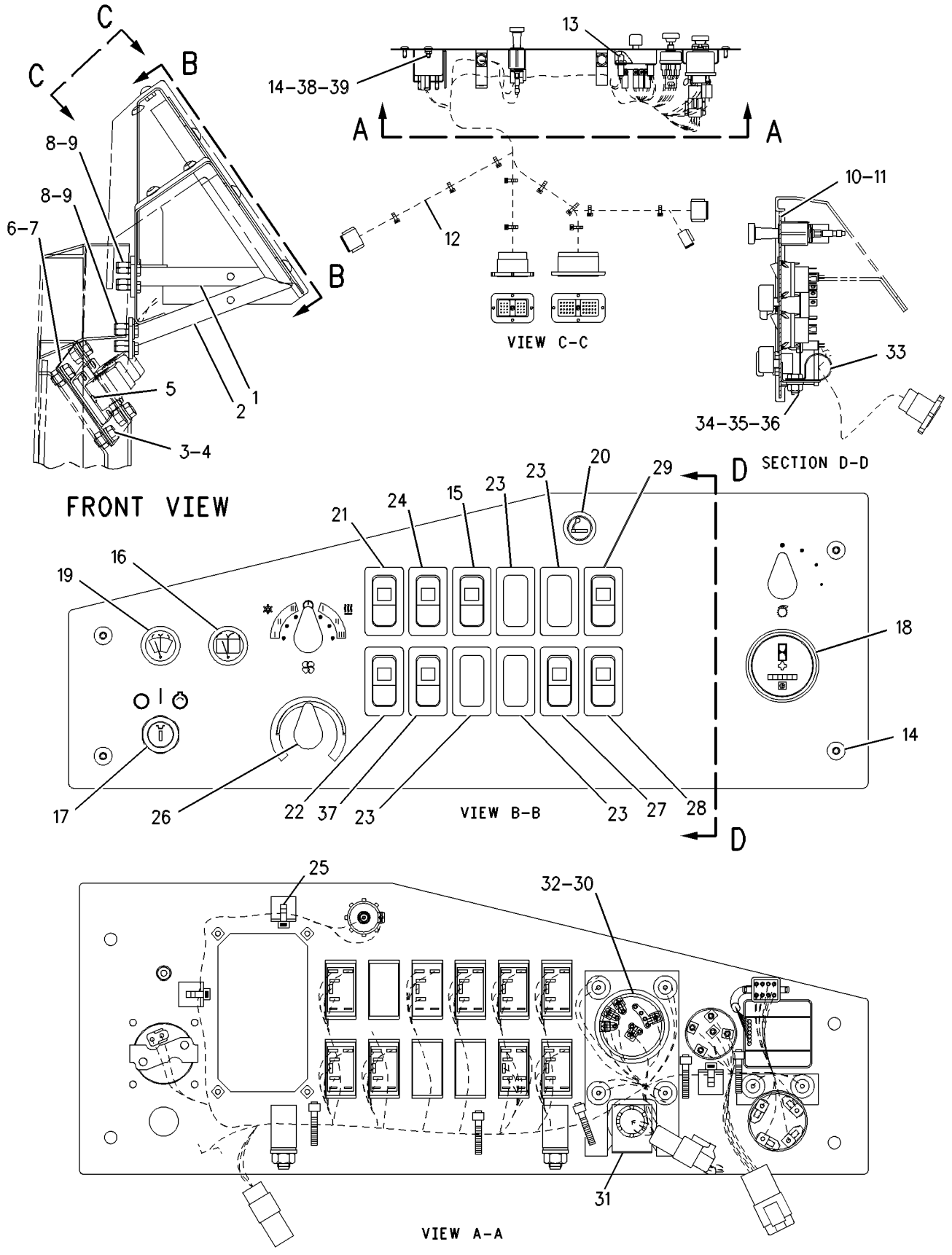
SMCS-7451 **i01251928**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-9314**	1	SUPPORT AS	
M		1	**6V-9632**	1	NUT-WELD (M6X1 THD)	
	2	1	**4E-9318**	1	SUPPORT AS	
M		1	**6V-9632**	2	NUT-WELD (M6X1 THD)	
M	3	1	**8T-4189**	4	BOLT (M8X1.25X20MM)	
	4	1	**8T-4224**	4	WASHER-HARD (8.8X16X2MM THK)	
	5	1	**6V-2687**	8	SCREW-PAN HEAD (10-24X1IN)	
	6	1	**126-5131**	1	COVER	
	7	1	**4E-9055**	1	GASKET	
M	8	1	**8T-4138**	8	BOLT (M6X1.0X20MM)	
	9	1	**8T-4205**	8	WASHER-HARD (2MM THK)	
	10	1	**126-8814**	1	FILM-DASH	
	11	1	**113-4802**	1	PANEL AS	
M		1	**6A-7844**	4	NUT-WELD (M4X0.7 THD)	
	12	1	**112-5780**	1	HARNESS AS	
	13	1	**7N-5876**	6	LAMP-MINIATURE (28 VOLT)	
M	14	1	**9X-2044**	5	SCREW-TRUSS HEAD (M6X1X16MM)	
	15	1	*144-0902*	1	SWITCH AS-ROCKER (TRANSMISION QUICKSHIFT)	
		1	**127-4979**	1	SWITCH AS-ROCKER	
		1	**3E-8787**	1	ACTUATOR-ROCKER	
		1	**126-1711**	1	KIT-LAMP CONVERSION (24V)	
	16	1	**119-4436**	1	SWITCH AS-ROTARY (REAR WIPER)	
		1	**2H-3920**	1	LOCKWASHER (11.38MM ID)	
		1	**6V-8369**	1	NUT (7/16-28 THD)	
		1	**110-7885**	1	KNOB-WIPER SWITCH	
		1	**014-0816**	1	SETSCREW	
Y	17	1	**9G-7641**	1	SWITCH GP-START	218
	18	1	**7T-1914**	1	METER-SERVICE	
		1	**9W-1494**	1	KIT-SERVICE METER	
		1	**8T-0701**	1	FILM-SERVICE METER	
		1	**6V-2687**	8	SCREW-PAN HEAD (10-24X1IN)	
Y	19	1	**3E-0155**	1	SWITCH GP-WIPER (24V)(INTERMITTENT)	219
	20	1	**9W-0335**	1	LIGHTER AS (CIGAR)	
	21	1	*144-0910*	1	SWITCH AS-ROCKER (CMS DIMMER)	
		1	**3E-8768**	1	SWITCH AS	
		1	**3E-8783**	1	ACTUATOR-ROCKER	
		1	**126-1711**	1	KIT-LAMP CONVERSION (24V)	
	22	1	*144-0904*	1	SWITCH AS-ROCKER (START AID)	
		1	**3E-8768**	1	SWITCH AS	
		1	**3E-8776**	1	ACTUATOR-ROCKER	
		1	**126-1711**	1	KIT-LAMP CONVERSION (24V)	
	23	1	**3E-0109**	4	PLUG-ROCKER SWITCH	
	24	1	*144-0901*	1	SWITCH AS-ROCKER (TORQUE CONVERTER LOCKUP)	
		1	**127-4979**	1	SWITCH AS-ROCKER	
		1	**3E-8777**	1	ACTUATOR-ROCKER	
		1	**126-1711**	1	KIT-LAMP CONVERSION (24V)	
	25	1	**3S-2093**	5	STRAP-CABLE (1.75IN DIA)	
	26	1	**2V-0099**	2	KNOB	
	27	1	*144-0908*	1	SWITCH AS-ROCKER (RUNNING LAMP)	
		1	**3E-8769**	1	SWITCH AS	
		1	**3E-8781**	1	ACTUATOR-ROCKER	
		1	**126-1711**	1	KIT-LAMP CONVERSION (24V)	
	28	1	*144-0909*	1	SWITCH AS-ROCKER (STAIRWAY ACCESS LAMP)	
		1	**3E-8770**	1	SWITCH AS	
		1	**3E-8782**	1	ACTUATOR-ROCKER	
		1	**126-1711**	1	KIT-LAMP CONVERSION (24V)	

166-8492 **PANEL GP-INSTRUMENT** ***(contd.)*** **i01251928**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	29	1	*144-0903*	1	SWITCH AS-ROCKER (FLOODLIGHT)	
		1	**3E-8771**	1	SWITCH AS	
		1	**3E-8782**	1	ACTUATOR-ROCKER	
		1	**126-1711**	1	KIT-LAMP CONVERSION (24V)	
	30	1	**6P-3236**	1	SWITCH AS-ROTARY (FAN SPEED)	
		1	**6V-8362**	5	SCREW-MACHINE (8-32X.31IN)	
		1	**9B-7233**	5	LOCKWASHER (NO.8)	
	31	1	**111-0879**	1	POTENTIOMETER (TEMPERATURE SELECT)	
		1	**3S-2093**	1	STRAP-CABLE (1.75IN DIA)	
		1	**9W-0852**	3	PIN-CONNECTOR	
		1	**102-8803**	1	KIT-RECEPTACLE (3 PIN)	
					(INCLUDES WEDGE)	
	32	1	**2P-4339**	1	NUT-JAM (7/16-20 THD)	
	33	1	**4S-4455**	2	CLIP (31.75MM ID)	
M	34	1	**8T-4137**	2	BOLT (M10X1.50X20MM)	
	35	1	**8T-4121**	2	WASHER-HARD (2.5MM THK)	
M	36	1	**8T-4133**	2	NUT (M10X1.50 THD)	
	37	1	*144-0905*	1	SWITCH AS-ROCKER (THROTTLE LOCK)	
		1	**127-4982**	1	SWITCH AS	
		1	**123-6371**	1	ACTUATOR-ROCKER	
		1	**126-1711**	1	KIT-LAMP CONVERSION (24V)	
M	38	1	**5C-2890**	1	NUT (M6X1.00 THD)	
	39	1	**9X-8256**	1	WASHER (2MM THK)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00551676

OPERATOR STATION

112-5763 PEDAL GP-GOVERNOR

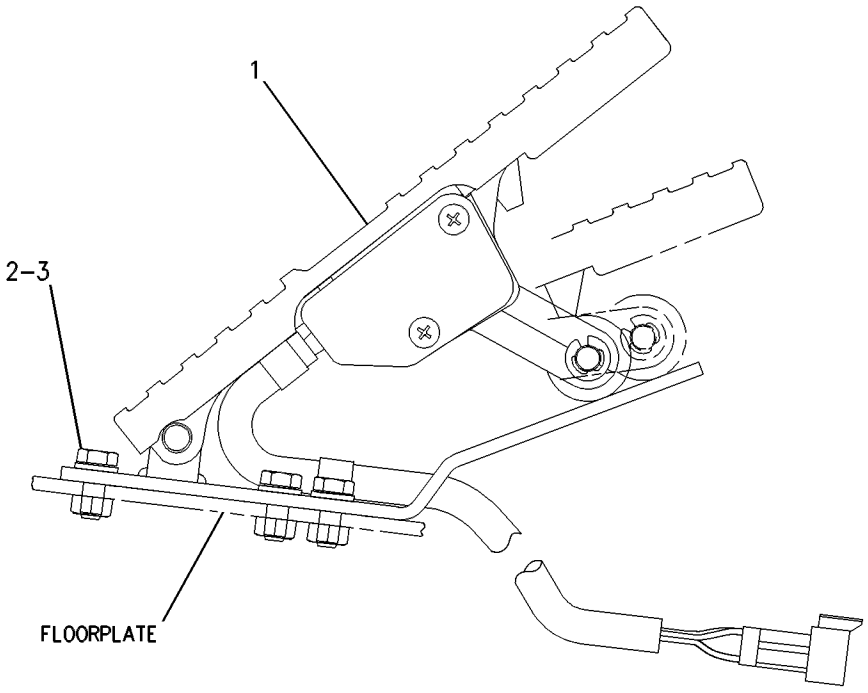
PIN 2KZ1-UP

PART OF 153-3958 CAB AR

SMCS-1276 **i00970414**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**113-4799**	1	PEDAL GP-GOVERNOR	620
M	2	1	**8T-4189**	4	BOLT (M8X1.25X20MM)	
	3	1	**8T-4224**	4	WASHER-HARD (2MM THK)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION



RIGHT SIDE VIEW

GRAPHIC #1 g00523289

OPERATOR STATION

113-4799 PEDAL GP-GOVERNOR

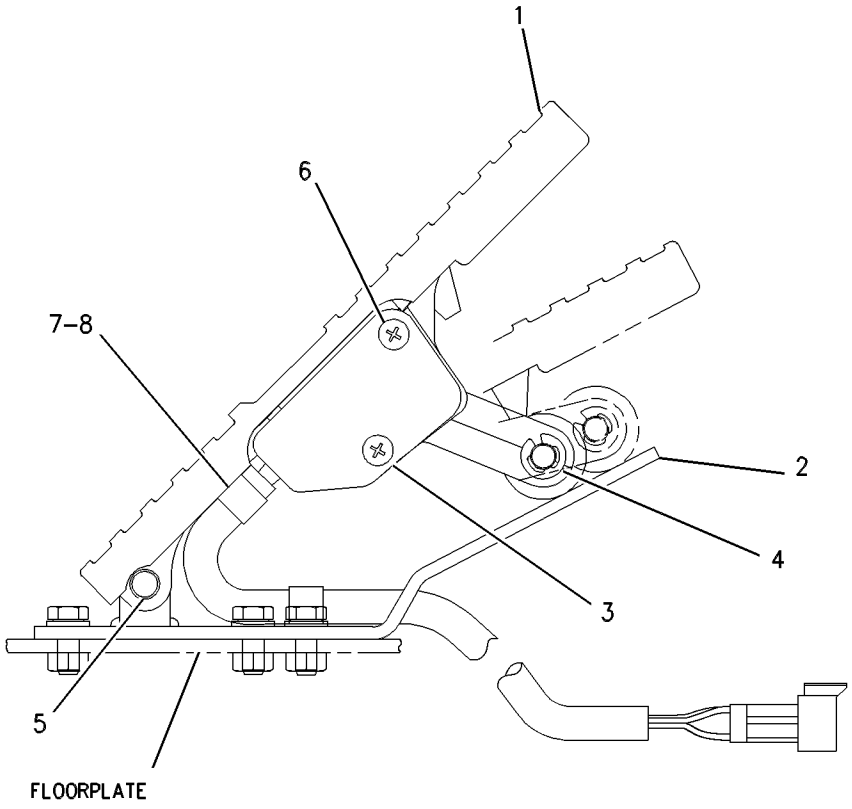
PIN 2KZ1-UP

PART OF 112-5763 PEDAL GP-GOVERNOR

SMCS-1276 **i01225273**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**123-9431**	1	COVER	
	2	1	**160-6354**	1	PLATE AS	
CY	3	1	**176-1602**	1	SENSOR GP-POSITION (GOVERNOR PEDAL)	183
	4	1	**140-2961**	1	KIT-ROLLER	
	5	1	**140-2962**	1	KIT-TREADLE PIN	
	6	1	**140-2963**	2	SCREW	
	7	1	**160-6365**	2	SCREW	
	8	1	**160-6366**	2	CLIP	

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION



RIGHT SIDE VIEW

GRAPHIC #1 g00527034

OPERATOR STATION

123-7025 PLATFORM GP-CAB

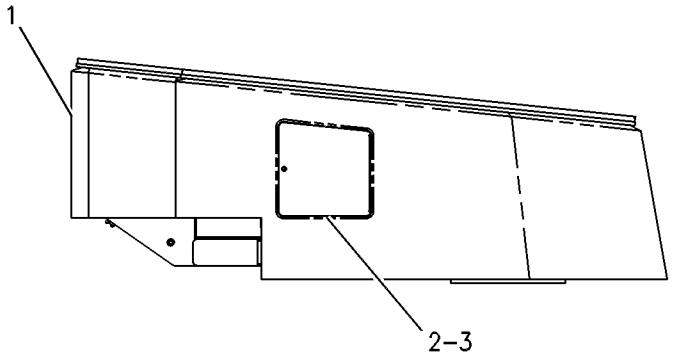
PIN 2KZ1-UP

PART OF 123-7231 CAB & PLATFORM GP

SMCS-7253 **i00190173**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**123-7026**	1	PLATFORM AS	
M		1	**8T-3490**	59	NUT-WELD (M10X1.5 THD)	
M		1	**6V-9632**	14	NUT-WELD (M6X1 THD)	
		1	**7T-1099**	16	LINK	
M		1	**8T-3612**	40	NUT-WELD (M8X1.25 THD)	
M		1	**8T-3635**	2	STUD (M12X1.75X34.93MM)	
M		1	**8T-9087**	1	STUD-WELD (M10X1.5X25.1 MM)	
	2	1	**4E-8995**	1	DOOR AS	
		1	**6W-8906**	1	LATCH AS	
		1	**8R-6128**	1	HINGE	
M	3	1	**9X-2042**	2	SCREW-TRUSS HEAD (M6X1.0X12MM)	

M-METRIC PART



RIGHT SIDE VIEW

GRAPHIC #1 g00121439

OPERATOR STATION

8R-5651 PLATFORM GP-OPERATOR

PIN 2KZ1-UP

PART OF 152-9752 CHASSIS AR

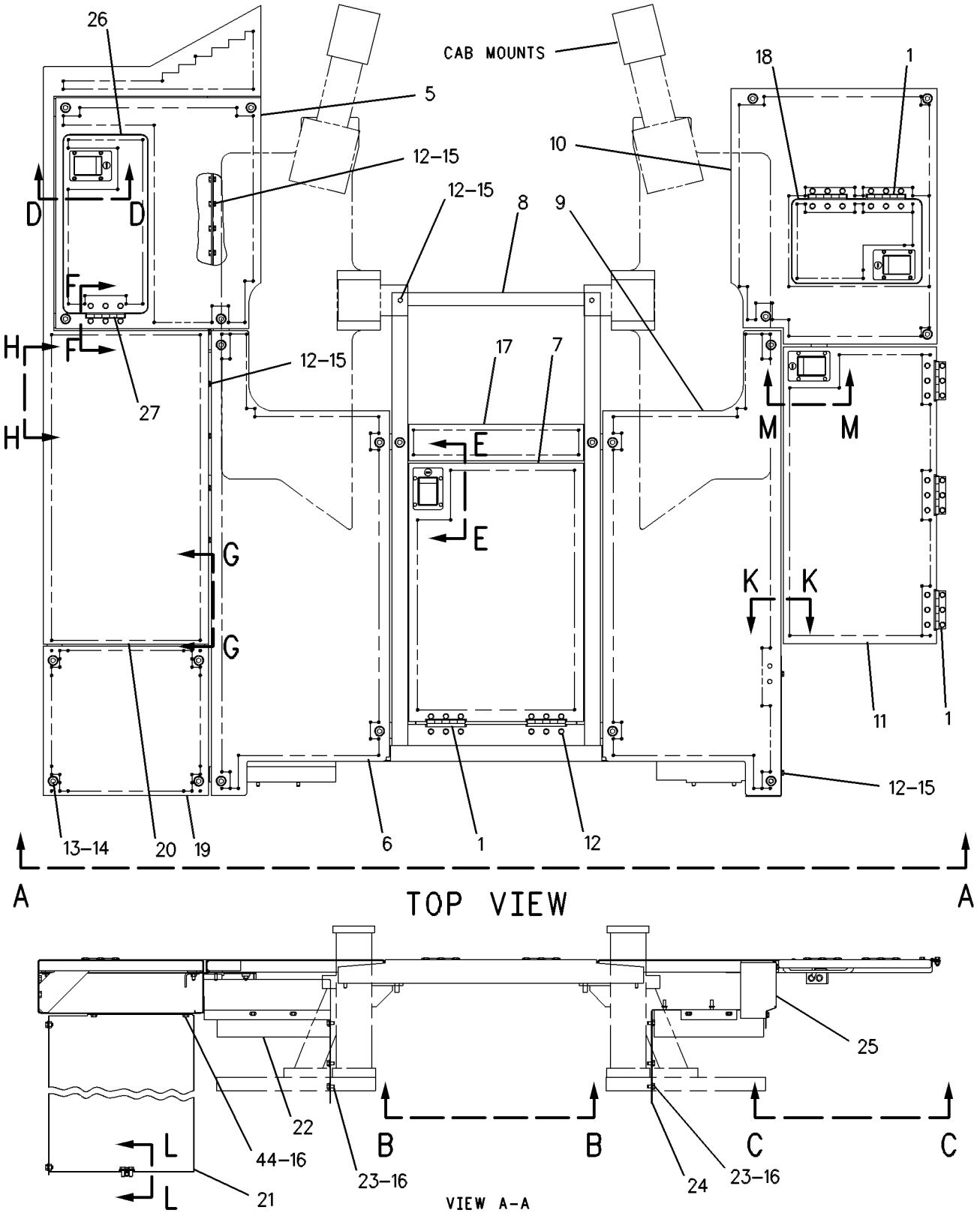
SMCS-7253 **i01098230**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
C	1	1	**119-1151**	5	HINGE AS	
C	2	2	**8T-4121**	62	WASHER (2.5MM THK)	
C	5	1	**113-9241**	1	PANEL AS	
		1	**4K-8501**	1	CLIP	
M		1	**8T-3490**	2	NUT-WELD (M10X1.5 THD)	
	6	1	**9U-1120**	1	COVER AS	
	7	1	**9U-1107**	1	DOOR AS	
		1	**6V-2370**	4	RIVET-POP	
		1	**9X-2299**	1	LATCH-HANDLE	
	8	1	**9U-1100**	1	FRAME AS	
M		1	**8T-3490**	2	NUT-WELD (M10X1.5 THD)	
	9	1	**9U-1112**	1	COVER AS	
M		1	**8T-3490**	2	NUT-WELD (M10X1.5 THD)	
M		1	**8T-3597**	2	NUT-WELD (M12X1.75 THD)	
C	10	1	**113-9313**	1	PANEL AS	
M		1	**8T-3490**	2	NUT-WELD (M10X1.5 THD)	
		1	**4K-8501**	1	CLIP	
	11	1	**9U-1131**	1	DOOR AS	
		1	**6V-2370**	4	RIVET-POP	
		1	**9X-2299**	1	LATCH-HANDLE	
CM	12	1,2	**8T-4196**	81	BOLT (M10X1.50X35MM)	
M	13	1	**8T-6466**	22	BOLT (M10X1.50X60MM)	
	14	1	**8T-4222**	22	WASHER-PLATED (2.5MM THK)	
	15	1,2	**7X-7729**	28	WASHER (3MM THK)	
	16	1,2	**5P-1076**	20	WASHER-HARD (4MM THK)	
	17	1	**9U-1103**	1	CHANNEL AS	
C	18	1	**113-9325**	1	DOOR AS	
		1	**6V-2370**	4	RIVET-POP	
		1	**9X-2299**	1	LATCH-HANDLE	
	19	1	**9U-1129**	1	FENDER AS	
M		1	**8T-3597**	4	NUT-WELD (M12X1.75 THD)	
	20	1	**9U-1148**	1	COVER AS	
M		1	**8T-3597**	10	NUT-WELD (M12X1.75 THD)	
M		1	**8T-3490**	20	NUT-WELD (M10X1.5 THD)	
	21	1	**9U-1374**	1	PLATE AS	
M		1	**8T-3597**	3	NUT-WELD (M12X1.75 THD)	
	22	1	**9U-1376**	1	GUARD	
M	23	1	**8T-4179**	11	BOLT (M12X1.75X20MM)	
	24	1	**9U-1375**	1	PLATE AS	
M		1	**8T-3490**	2	NUT-WELD (M10X1.5 THD)	
M		1	**8T-9087**	2	STUD-WELD (M10X1.5X25.1 MM)	
	25	1	**9U-1652**	1	PLATE	
C	26	1	**113-9304**	1	DOOR AS	
		1	**6V-2370**	4	RIVET-POP	
		1	**9X-2299**	1	LATCH-HANDLE	
C	27	1	**113-9305**	3	HINGE	
B	28	2	**106-6221**		SHIM (1.6MM THK)	
	30	2	**106-6220**	2	BRACKET	
	32	2	**7X-7729**	8	WASHER (3MM THK)	
CM	33	2	**8T-4133**	15	NUT (M10X1.50 THD)	
	34	2	**9U-1169**	1	BRACKET	
	35	2	**9U-1172**	1	PLATE	
	36	2	**100-3327**	1	BRACKET	
	37	2	**3B-4610**	2	COTTER	
	38	2	**4E-4450**	2	ROD AS	
					(EACH INCLUDES)	

8R-5651 **PLATFORM GP-OPERATOR** *(contd.)* i01098230

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		2	**8T-4121**	2	WASHER (2.5MM THK)	
	40	2	**9U-1168**	1	BRACKET	
C	41	2	**9M-5884**	4	BUMPER	
M	44	1,2	**8T-4192**	8	BOLT (M12X1.75X25MM)	
M	45	2	**8T-4244**	1	NUT (M12X1.75 THD)	

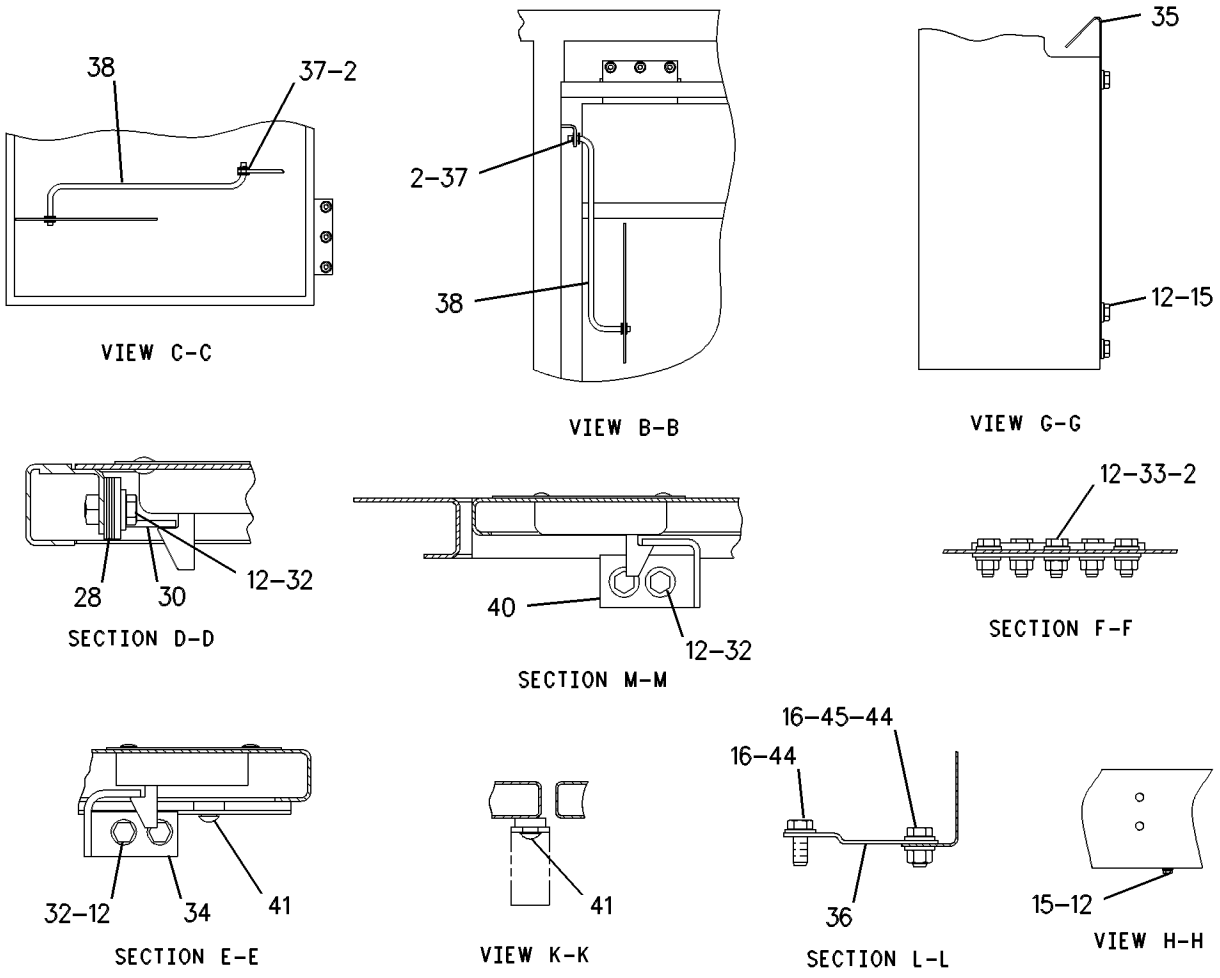
B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
M-METRIC PART



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

GRAPHIC #1

g00561355



GRAPHIC #2

g00561359

OPERATOR STATION

8R-5537 ROPS GP

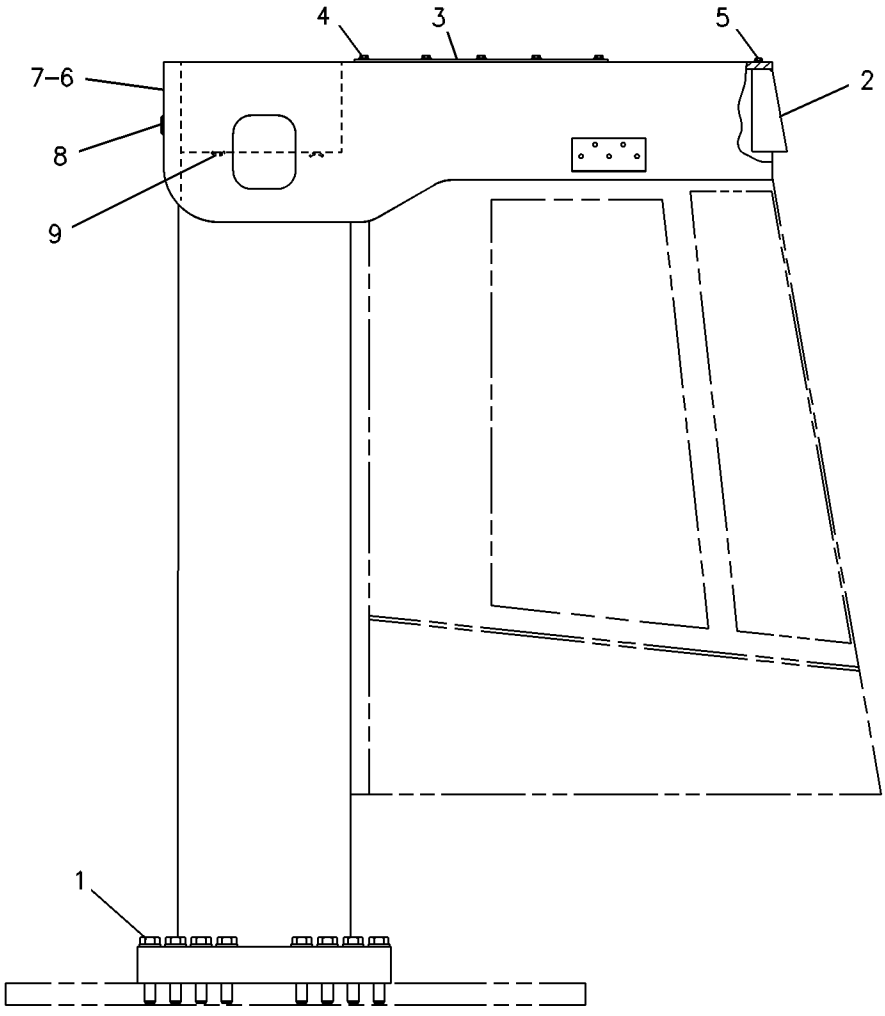
PIN 2KZ1-UP

PART OF 152-9752 CHASSIS AR

SMCS-7323 **i00174481**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**8C-3236**	36	BOLT (M30X3.5X160MM)	
		1	**3S-7023**	36	WASHER (6.0MM THK)	
	2	1	**9U-3663**	1	PLATE AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5 THD)	
	3	1	**4E-5662**	1	PLATE	
M	4	1	**6V-8675**	20	BOLT (M12X1.75X35MM)	
		1	**5P-8245**	20	WASHER (3MM THK)	
M	5	1	**6V-3822**	5	BOLT (M10X1.50X35MM)	
		1	**6V-5839**	5	WASHER (2.5MM THK)	
	6	1	**4E-5663**	1	CANOPY AS	
		1	**9R-2821**	2	BOSS (15 MM LONG)	
		1	**9T-6001**	2	BOSS (25 MM LONG)	
	7	1	**8P-9770**	1	PLATE	
M	8	1	**8T-3490**	2	NUT-WELD (M10X1.5 THD)	
	9	1	**7T-1099**	17	LINK	

M-METRIC PART



GRAPHIC #1 g00119811

OPERATOR STATION

148-2228 SCREEN GP-SUN

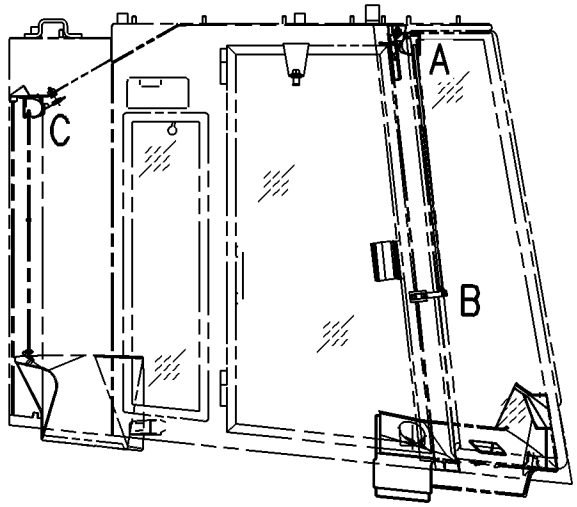
PIN 2KZ1-UP

PART OF 153-3958 CAB AR

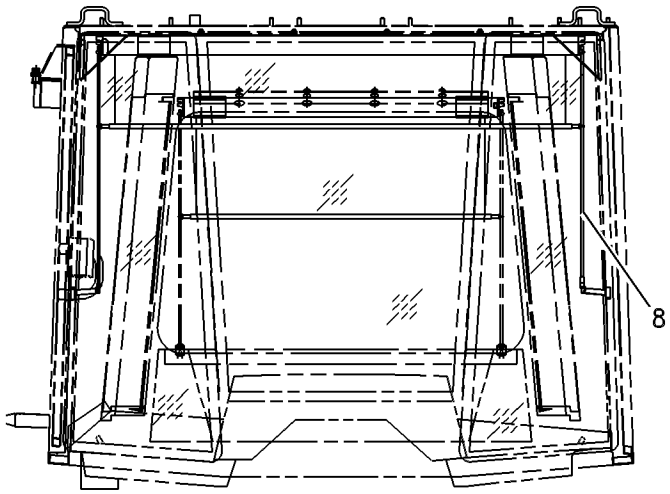
SMCS-7165 **i01251893**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8Y-6339**	1	SCREEN GP-SUN (FRONT)	
		1	**109-0651**	1	GUIDE	
		1	**109-0652**	1	KNOB	
	2	1	**109-0648**	2	BRACKET	
	3	1	**8Y-6397**	2	ROD-GUIDE	
	4	1	**144-2900**	2	BAR	
	5	1	**8Y-6340**	1	SCREEN GP-SUN (REAR)	
		1	**109-0651**	1	GUIDE	
		1	**109-0652**	1	KNOB	
M	6	1	**9X-2042**	4	SCREW-TRUSS HEAD (M6X1.0X12MM)	
M	7	1	**7X-3332**	2	SCREW-HEX FLANGE	
	8	1	**154-3793**	1	GUIDE	

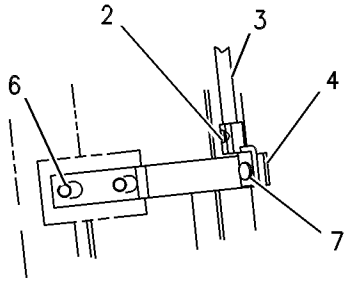
M-METRIC PART



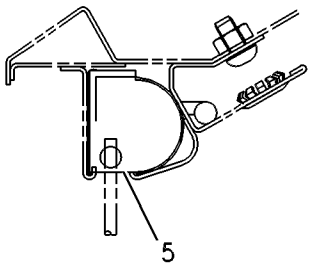
RIGHT SIDE VIEW



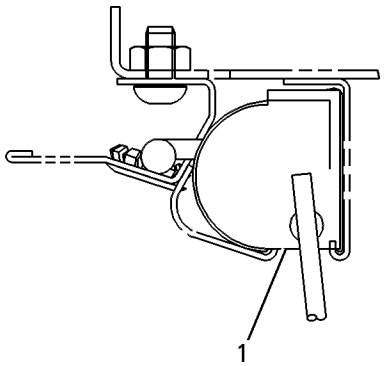
FRONT VIEW



VIEW OF AREA C



VIEW OF AREA B



VIEW OF AREA A

GRAPHIC #1 g00310493

OPERATOR STATION

117-1410 SEALING GP-GLASS

PIN 2KZ1-UP

PART OF 153-3958 CAB AR

SMCS-7310, 7340 **i01057779**

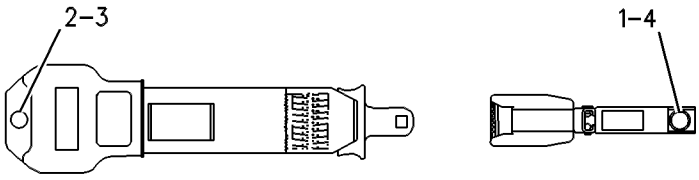
NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	119-0781	1	ADHESIVE	

122-4617 SEAT BELT GP

PIN 2KZ1-UP
RETRACTABLE
PART OF 124-7735 SEAT GP

SMCS-7327 **i01057780**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4D-6432**	1	LOCKNUT (7/16-20 THD)	
	2	1	**8T-5360**	1	WASHER (2.5MM THK)	
	3	1	**8Y-5953**	1	BOLT-HEX (7/16-20X1.5IN)	
	4	1	**1A-4350**	1	BOLT (7/16-20X1.75IN)	



GRAPHIC #1 g00086974

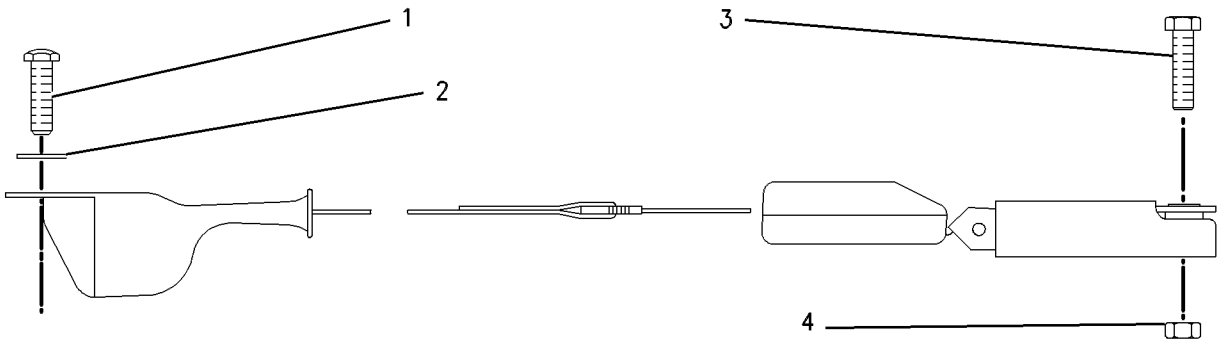
OPERATOR STATION

156-1148 SEAT BELT GP

PIN 2KZ1-UP
RETRACTABLE
PART OF 124-7735 SEAT GP

SMCS-7327 **i01095413**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8Y-5953**	1	BOLT-HEX (7/16-20X1.5IN)	
	2	1	**8T-5360**	1	WASHER (2.5MM THK)	
	3	1	**1A-4350**	1	BOLT (7/16-20X1.75IN)	
	4	1	**4D-6432**	1	LOCKNUT (7/16-20 THD)	



GRAPHIC #1 g00575057

OPERATOR STATION

124-7735 SEAT GP

PIN 2KZ1-UP

PART OF 123-8692 SEAT GP-SUSPENSION

TYPE 1

SMCS-7312 **i00662075**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	**8Y-6883**	1	EXTENSION GP-BACKREST	582
Y	*122-4617*	1	SEAT BELT GP	629
Y	**124-7736**	1	SEAT GP	634

Y-SEPARATE ILLUSTRATION

OPERATOR STATION

124-7735 SEAT GP

PIN 2KZ1-UP

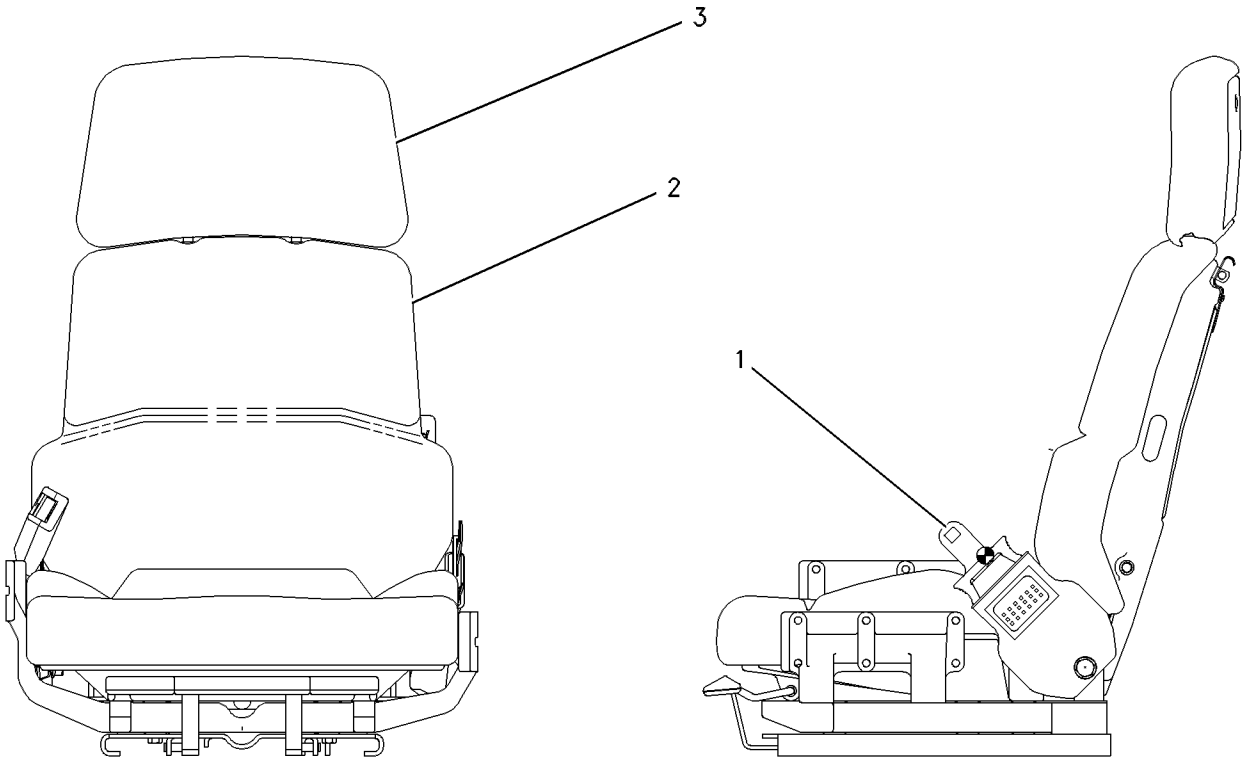
PART OF 123-8692 SEAT GP-SUSPENSION

TYPE 2

SMCS-7312 **i00884379**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**156-1148**	1	SEAT BELT GP	630
Y	2	1	**124-7736**	1	SEAT GP	634
Y	3	1	**8Y-6883**	1	EXTENSION GP-BACKREST	582

Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00452997

MEMORANDA

OPERATOR STATION

124-7736 SEAT GP—CLOTH

PIN 2KZ1-UP

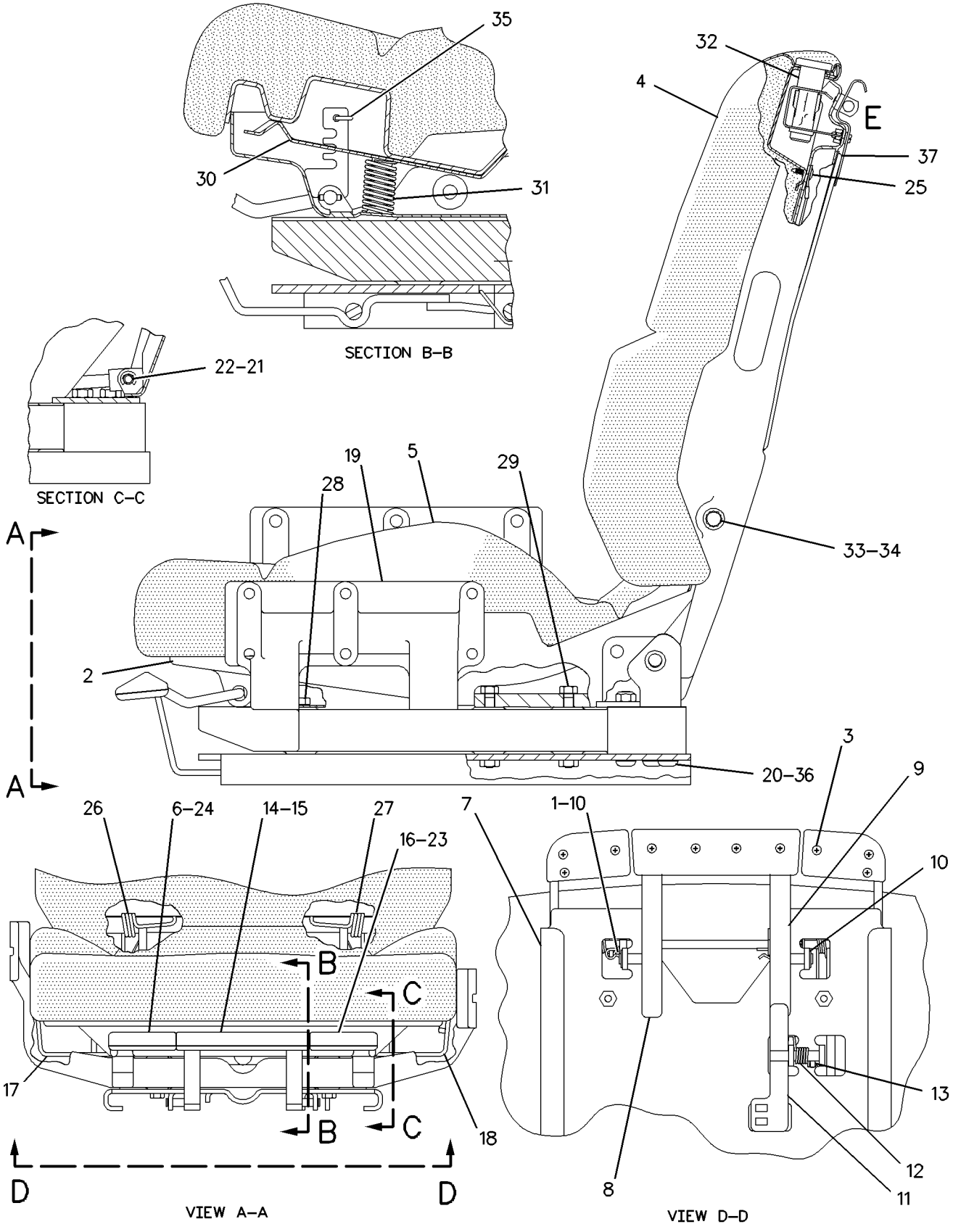
LUMBAR

PART OF 124-7735 SEAT GP

SMCS-7312 **i01185481**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
B	1	1	**061-8803**	4	SHIM (1.52MM THK)	
Y	2	1	*8Y-5992*	1	PAN GP-SEAT (BOTTOM)	610
L	3	1	**113-0899**	10	SCREW-FLAT HEAD (6-20X.5IN)	
	4	1	**119-7127**	1	CUSHION AS (BACK)	
NZ	5	1		1	CUSHION AS (SEAT)	
LZ	6	1		1	KNOB-SEAT TILT (UPPER)	
	7	1	**8Y-5929**	1	PLATE AS-SLIDE	
		1	**4K-9097**	6	NUT-WELD (5/16-18 THD)	
	8	1	**8Y-6991**	1	BAR AS-SLIDE	
	9	1	**8Y-6993**	1	BAR AS-LATCH	
	10	1	**8S-7803**	2	RING-RETAINING	
	11	1	**8Y-5932**	1	LATCH AS	
	12	1	**8Y-5936**	1	SPRING	
	13	1	**095-0878**	1	PIN-SPRING	
LZ	14	1		1	KNOB-SLIDE (UPPER)	
LZ	15	1		1	KNOB-SLIDE (LOWER)	
LZ	16	1		1	KNOB-BACK TILT (UPPER)	
	17	1	**8Y-5937**	1	BRACKET AS-RH	
	18	1	**8Y-5938**	1	BRACKET AS-LH	
		1	**4D-6432**	1	LOCKNUT (7/16-20 THD)	
	19	1	**4E-6217**	1	SUPPORT	
	20	1	**2K-4973**	6	LOCKNUT (3/8-16 THD)	
	21	1	**8Y-5979**	1	PIN	
	22	1	**6V-2456**	2	RING-RETAINING	
LZ	23	1		1	KNOB-BACK TILT (LOWER)	
LZ	24	1		1	KNOB-SEAT TILT (LOWER)	
JN	25	1	**8Y-5947**	4	FASTENER	
	26	1	**8Y-6833**	1	SPRING-RH	
	27	1	**8Y-6834**	1	SPRING-LH	
	28	1	**2B-2694**	2	BOLT (5/16-18X2IN)	
	29	1	**1D-4539**	4	BOLT (5/16-18X2.5IN)	
JZ	30	1		1	PAN AS (TILT)	
	31	1	**8Y-5928**	2	SPRING	
	32	1	**8Y-5981**	2	BUSHING-BACKREST	
	33	1	**7B-7525**	2	BOLT-SOCKET HEAD (7/16-14X1.25IN)	
	34	1	**8Y-6051**	2	SPACER (14.24MM THK)	
J	35	1	**9L-7469**	2	LOCKPIN	
	36	1	**101-3776**	6	SCREW-HEX SOCKET (3/8-16X2.25IN)	
Y	37	1	**108-8421**	1	PAN GP-SEAT (BACK)	612
FHZ		1		4	BLOCK-SLIDER	
FHZ		1		1	BOLT (3/8-16X.5IN)	
					AVAILABLE REPAIR KIT(S):	
N			**119-7141**	1	KIT-SEAT CUSHION	
L			**112-4577**	1	KIT-SEAT KNOB	
J			**8Y-6933**	1	KIT-TILT PAN	
H			**149-4745**	1	KIT-SLIDER BLOCK	

B-USE AS REQUIRED
F-NOT SHOWN
H-KIT MARKED H INCLUDES PART(S) MARKED H
J-KIT MARKED J INCLUDES PART(S) MARKED J
L-KIT MARKED L INCLUDES PART(S) MARKED L
N-KIT MARKED N INCLUDES PART(S) MARKED N
Y-SEPARATE ILLUSTRATION
Z-NOT SERVICED SEPARATELY



GRAPHIC #1

g00634799

OPERATOR STATION

123-8692 SEAT GP-SUSPENSION

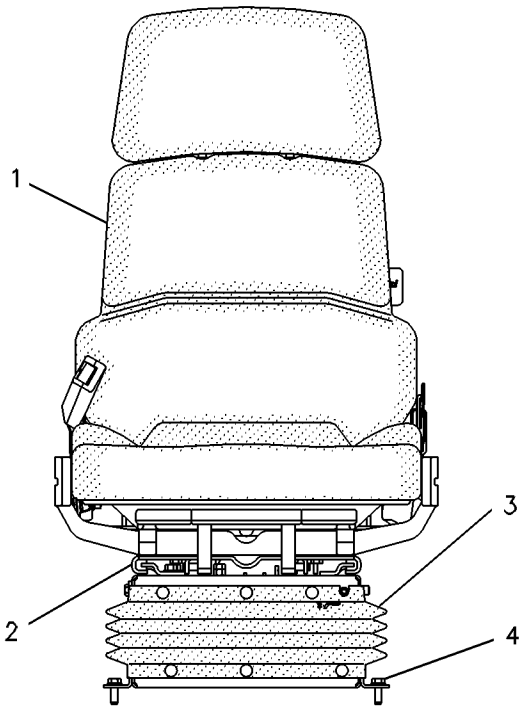
PIN 2KZ1-UP

PART OF 153-3958 CAB AR

SMCS-7324, 7336 **i01185682**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	**124-7735**	1	SEAT GP	631
C	2	1	**166-7225**	1	KIT-SLIDER BLOCK	
					(INCLUDES SOCKET SETSCREW & BOLT)	
CY	3	1	**149-2404**	1	SUSPENSION GP-SEAT	648
M	4	1	**8T-0722**	4	BOLT-LOCKING (M10X1.5X30MM)	
		1	**8T-4121**	4	WASHER (2.5MM THK)	

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



GRAPHIC #1 g00119796

MEMORANDA

OPERATOR STATION

131-0441 SPRING GP-CAB DOOR

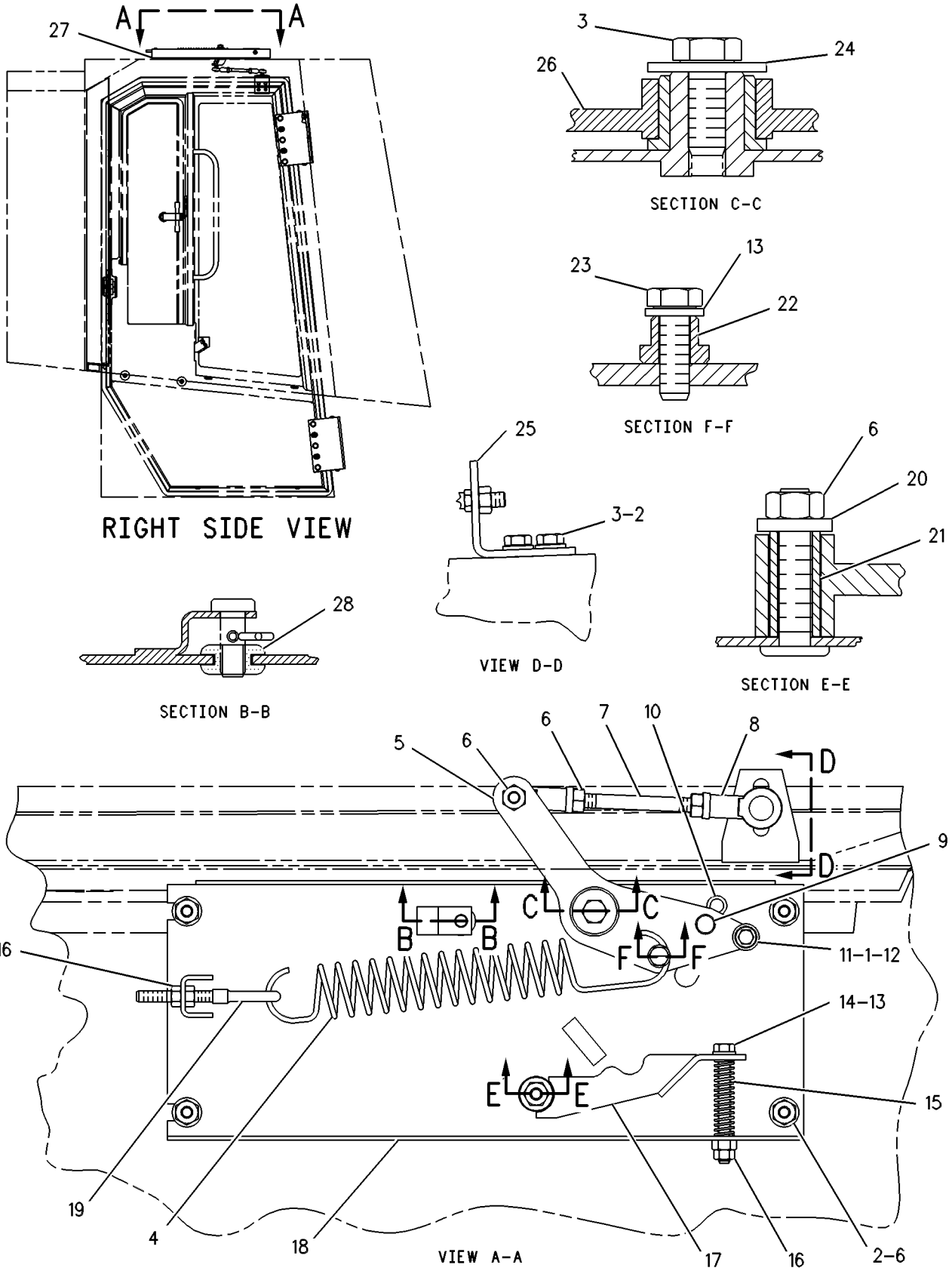
PIN 2KZ1-UP

PART OF 153-3958 CAB AR

SMCS-7308 **i01057781**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**8T-4205**	1	WASHER-HARD (2MM THK)	
	2	1	**8T-4121**	8	WASHER (2.5MM THK)	
M	3	1	**8T-4136**	5	BOLT (M10X1.50X25MM)	
	4	1	**4E-8340**	1	SPRING	
	5	1	**4E-8338**	1	LEVER AS	
		1	**2K-2140**	1	SPACER	
M	6	1	**8T-4133**	9	NUT (M10X1.50 THD)	
	7	1	**113-9789**	1	ROD	
	8	1	**8T-4766**	2	ROD END	
	9	1	**4E-8320**	1	PIN	
	10	1	**5P-0372**	1	LOCKPIN	
	11	1	**6D-3886**	1	BALL BEARING	
M	12	1	**6V-7357**	1	BOLT (M6X1.0X25MM)	
	13	1	**8T-4224**	2	WASHER-HARD (2MM THK)	
M	14	1	**8T-3647**	1	BOLT (M8X1.25X80MM)	
	15	1	**4H-3820**	1	SPRING-LATCH	
M	16	1	**5C-7261**	3	NUT (M8X1.25 THD)	
	17	1	**4E-8325**	1	CAM AS	
	18	1	**4E-8364**	1	SHEET AS	
M		1	**8T-3612**	1	NUT-WELD (M8X1.25 THD)	
M	19	1	**4E-8317**	1	EYEBOLT	
	20	1	**4D-9128**	1	WASHER	
	21	1	**4E-8329**	1	SPACER	
	22	1	**7P-4937**	1	BOSS	
M	23	1	**8T-4908**	1	BOLT (M8X1.25X25MM)	
	24	1	**8T-4222**	1	WASHER-PLATED (2.5MM THK)	
	25	1	**4E-8319**	1	BRACKET	
	26	1	**4E-8318**	1	BEARING	
	27	1	**9R-5008**	4	SPACER (3/8IN THK)	
	28	1	**2D-9535**	1	GROMMET	

M-METRIC PART



GRAPHIC #1 g00274238

OPERATOR STATION

123-8682 SUPPORT GP-HYDRAULIC CONTROL

PIN 2KZ1-UP

PART OF 153-3958 CAB AR

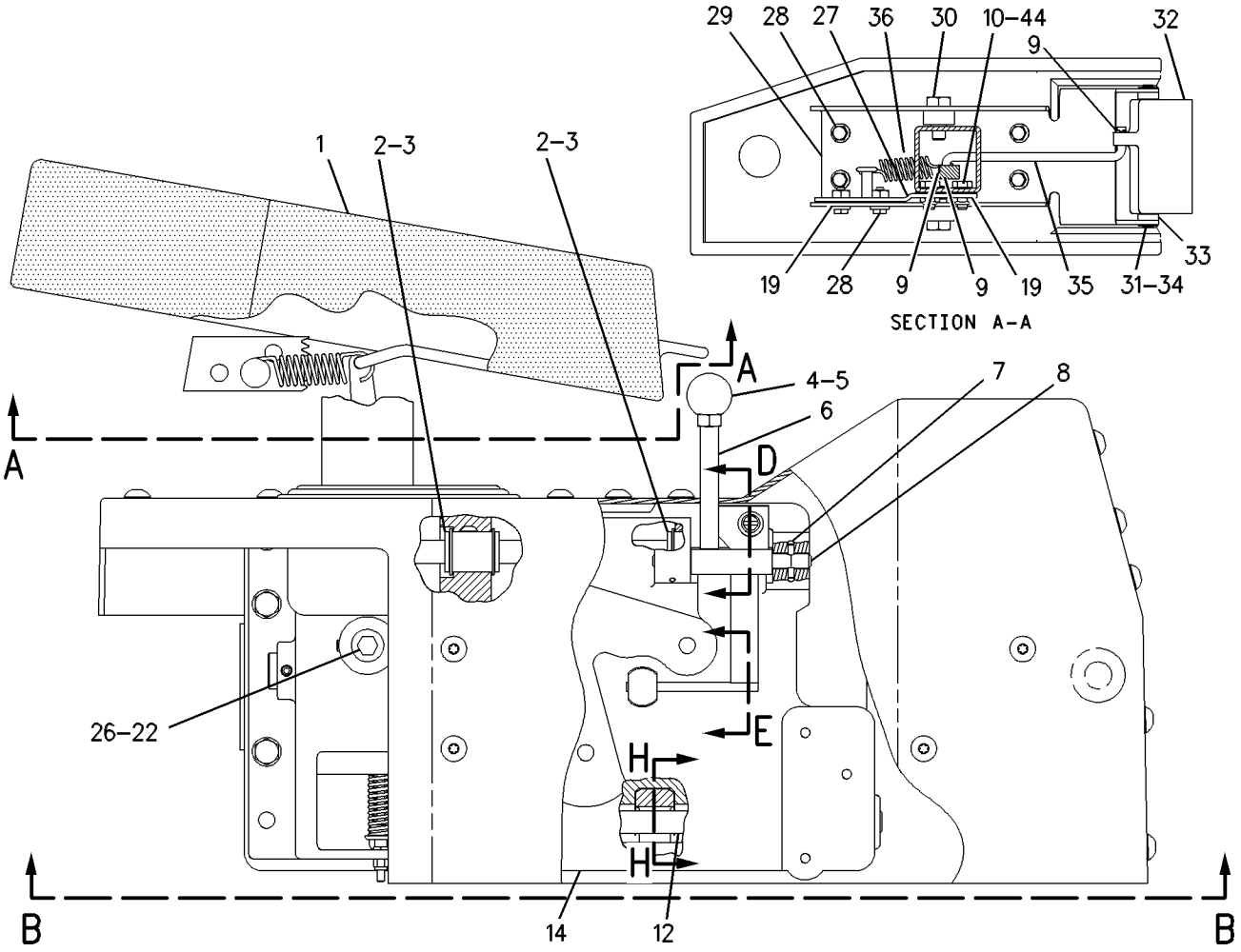
SMCS-5258 **i01142283**

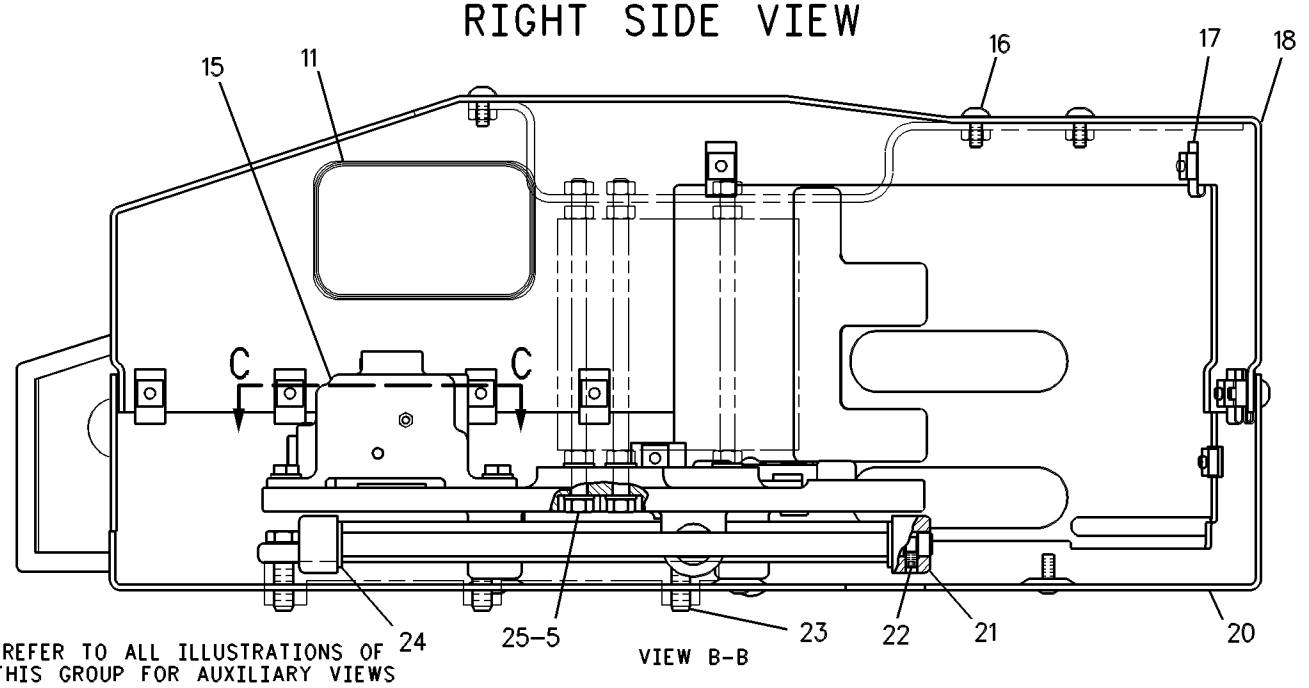
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-6526**	1	CUSHION AS-RH	
	2	1	**4E-9174**	2	BEARING	
	3	1	**9U-3925**	4	RING-RETAINING	
	4	1	**7X-3310**	1	KNOB-BALL	
M	5	1	**5C-7261**	4	NUT (M8X1.25 THD)	
	6	1	**9U-4551**	1	LEVER AS	
	7	1	**3K-4897**	1	PIN-SPRING	
	8	1	**9U-0955**	1	PIN	
	9	1	**7X-2031**	2	RETAINER	
M	10	1	**3T-0852**	2	LOCKNUT (M8X1.25 THD)	
	11	1	**5P-5824**	1	HOLDER-ASH TRAY	
		1	**5P-5454**	1	ASHTRAY	
	12	1	**4E-9173**	2	SHAFT-GOVERNOR CONTROL	
	13	2	**9U-3927**	1	STOP	
	14	1	**9U-0958**	1	SLIDER	
	15	1	**108-2994**	1	TRACK-RH	
M	16	1	**9X-2044**	19	SCREW-TRUSS HEAD (M6X1X16MM)	
	17	1	**4E-8722**	11	NUT-CAGED	
	18	1	**135-7836**	1	HOUSING-RH	
	19	1	**2W-9372**	4	LOCKWASHER	
	20	1	**135-7835**	1	HOUSING-LH	
	21	1	**4E-6523**	1	SUPPORT-SLIDE	
M	22	1	**6V-9327**	6	SETSCREW-SOCKET	
M	23	1	**8T-4195**	6	BOLT (M10X1.50X30MM)	
	24	1	**9U-3926**	2	STOP	
	25	1,2	**8T-4224**	13	WASHER-HARD (2MM THK)	
M	26	1,2	**156-7128**	3	BEARING	
	27	1	**4E-8918**	1	PLATE AS	
M	28	1	**5C-9553**	6	BOLT (M6X1.0X16MM)	
		1	**8T-4205**	6	WASHER-HARD (2MM THK)	
	29	1	**4E-8920**	1	PLATE AS	
M	30	1	**4E-6527**	2	BOLT-PIVOT (M12X1.75X25.4MM)	
	31	1	**4E-6332**	1	SHAFT-GOVERNOR CONTROL	
	32	1	**4E-6331**	1	LEVER	
	33	1	**9M-9725**	2	SPACER (.19IN THK)	
	34	1	**5D-4822**	2	RING-RETAINING	
	35	1	**4E-9459**	1	ROD	
	36	1	**8C-3442**	1	SPRING-COIL	
	37	2	**9U-0954**	1	STUD	
	38	2	**4B-4278**	1	WASHER (1.6MM THK)	
	39	2	**7V-0445**	1	SPRING	
M	40	2	**6V-9327**	2	SETSCREW-SOCKET	
	41	2	**4E-9455**	1	SUPPORT	
	42	2	**4E-9454**	1	LEVER	
M	43	2	**095-0758**	4	SCREW-MACHINE (M6X1X14MM)	
M	44	1,2	**8T-4189**	9	BOLT (M8X1.25X20MM)	
	45	2	**3B-5470**	1	SPRING	
M	46	2	**8T-2659**	2	LOCKNUT (M4X0.7 THD)	
		2	**9U-2422**	1	ROD	
	47	2	**8P-9475**	1	COLLAR	
	48	2	**4E-9757**	1	RACK	
	49	2	**9U-2421**	1	SPACER	
	50	2	**4E-9456**	1	SHAFT-GOVERNOR CONTROL	
	51	2	**4E-9453**	1	BAR	
	52	2	**4E-9457**	1	ADAPTER	
	53	2	**9U-0952**	1	PIN	

123-8682 SUPPORT GP-HYDRAULIC CONTROL *(contd.)* i01142283

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	54	2	**9U-0953**	1	GUIDE	
	55	2	**4E-9452**	1	BEARING	
B	56	2	**137-6841**	2	SHIM (0.2MM THK)	

B-USE AS REQUIRED
M-METRIC PART

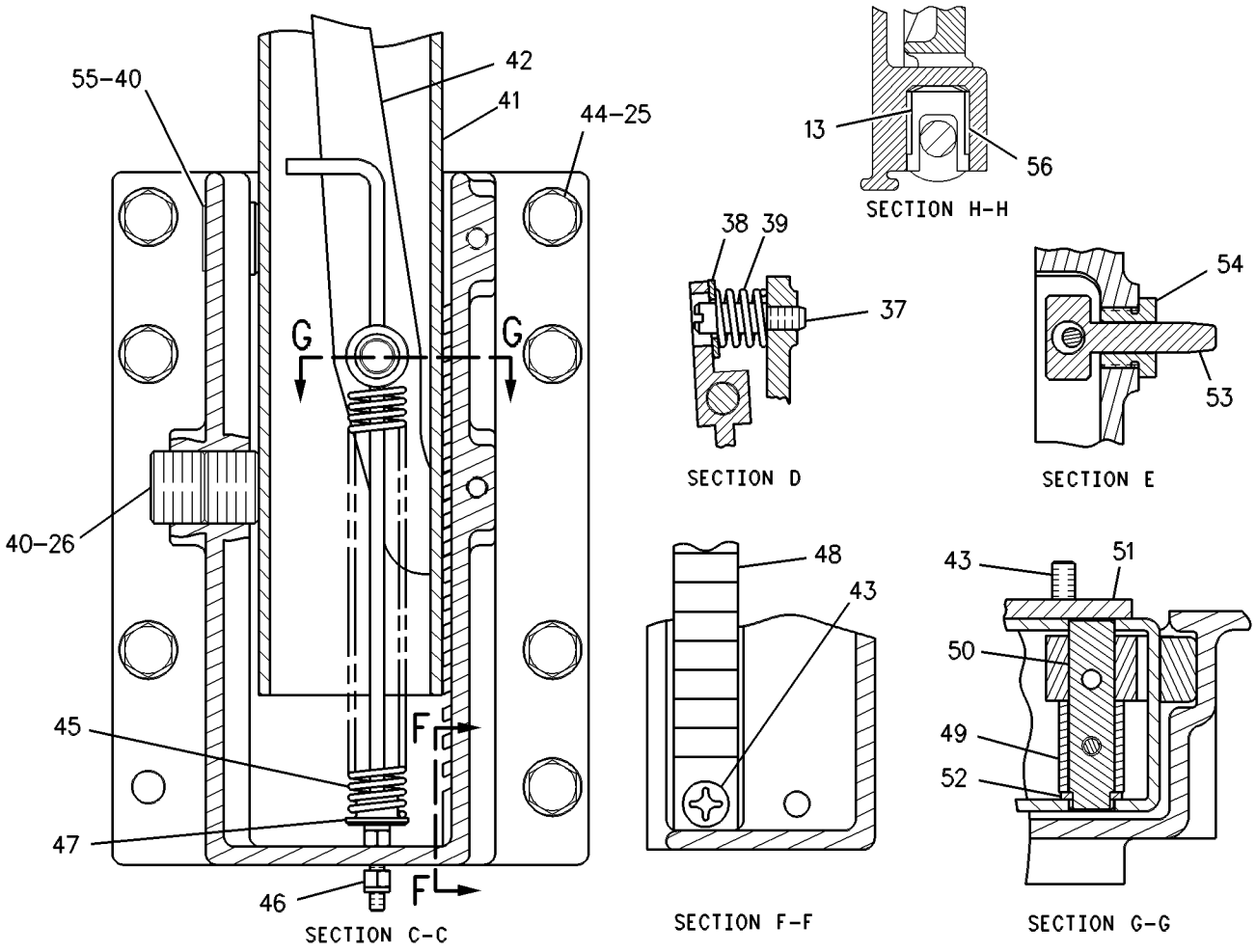




REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

GRAPHIC #1

g00373883



GRAPHIC #2

g00373884

OPERATOR STATION

123-8704 SUPPORT GP-STEERING CONTROL

PIN 2KZ1-UP

PART OF 153-3958 CAB AR

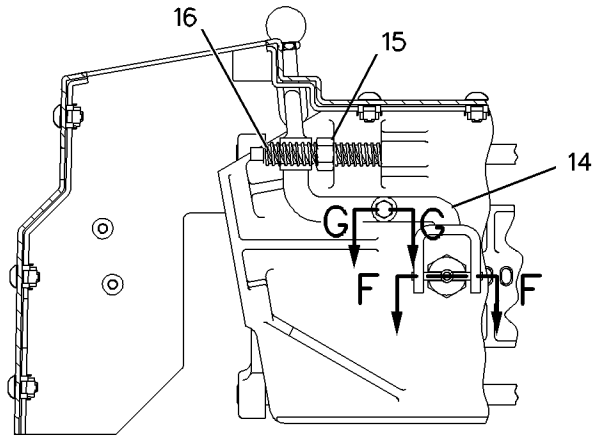
SMCS-5258 **i01183684**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**135-2723**	1	HOUSING	
	2	1	**135-2722**	1	HOUSING	
	3	1	**4E-6335**	1	CUSHION AS-LH	
M	4	2	**156-7128**	3	BEARING	
	5	1	**4E-6523**	1	SUPPORT-SLIDE	
	6	1	**4E-9173**	2	SHAFT-GOVERNOR CONTROL	
	7	1	**4E-7163**	1	SLIDER	
M	8	1	**9X-2043**	6	SCREW-TRUSS HEAD (M6X1X14MM)	
M	9	1,2	**6V-9327**	8	SETSCREW-SOCKET	
	10	1	**7X-3310**	1	KNOB-BALL	
	11	1	**7X-2031**	2	RETAINER	
	12	1	**9U-3926**	6	STOP	
	13	1	**9U-3927**	1	STOP	
	14	1	**4E-6439**	1	LEVER AS	
M	15	1	**8T-4244**	1	NUT (M12X1.75 THD)	
	16	1	**4E-6444**	1	ROD	
	17	1	**8C-3442**	1	SPRING-COIL	
M	18	1	**5C-7261**	1	NUT (M8X1.25 THD)	
	19	1	**4E-6446**	1	GUIDE	
M	20	1	**098-5747**	1	NUT-THIN (M16X2 THD)	
	21	1	**013-8502**	1	LOCKWASHER	
	22	1	**1J-5799**	1	PIN-SPRING	
	23	1	**4E-6445**	1	PIN	
M	24	1	**5C-9553**	6	BOLT (M6X1.0X16MM)	
	25	1	**8T-4205**	2	WASHER-HARD (2MM THK)	
M	26	1	**3T-0852**	2	LOCKNUT (M8X1.25 THD)	
	27	1	**4E-9459**	1	ROD	
	28	1	**4E-6331**	1	LEVER	
	29	1	**4E-6332**	1	SHAFT-GOVERNOR CONTROL	
		1	**9M-9725**	2	SPACER (.19IN THK)	
		1	**5D-4822**	2	RING-RETAINING	
	30	1	**4E-8920**	1	PLATE AS	
M	31	1	**4E-6527**	2	BOLT-PIVOT (M12X1.75X25.4MM)	
	32	1	**4E-8918**	1	PLATE AS	
M		1	**6V-9632**	2	NUT-WELD (M6X1 THD)	
B	33	1	**137-6841**	2	SHIM (0.2MM THK)	
M	34	1	**8T-4189**	2	BOLT (M8X1.25X20MM)	
	35	2	**4E-9454**	1	LEVER	
	36	2	**4E-9440**	1	TRACK	
	37	2	**4E-9757**	1	RACK	
M	38	2	**095-0758**	4	SCREW-MACHINE (M6X1X14MM)	
	39	2	**9U-2422**	1	ROD	
M		2	**8T-2659**	2	LOCKNUT (M4X0.7 THD)	
		2	**8P-9475**	1	COLLAR	
		2	**3B-5470**	1	SPRING	
	40	2	**4E-9453**	1	BAR	
	41	2	**4E-9455**	1	SUPPORT	
	42	2	**4E-9456**	1	SHAFT-GOVERNOR CONTROL	
	43	2	**9U-2421**	1	SPACER	
	44	2	**4E-9457**	1	ADAPTER	
	45	2	**4E-9452**	1	BEARING	
	46	1	**2W-9372**	4	LOCKWASHER	
M	47	2	**8T-4195**	6	BOLT (M10X1.50X30MM)	
M	48	2	**8T-4200**	7	BOLT (M8X1.25X16MM)	
M	49	2	**7X-2534**	1	BOLT (M6X1.0X50MM)	
		2	**4B-4276**	2	WASHER (1.6MM THK)	

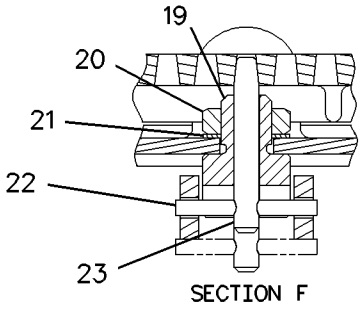
123-8704 SUPPORT GP-STEERING CONTROL *(contd.)* i01183684

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
		2	**3G-4711**	1	SPRING	
		2	**6E-0923**	1	SPACER (15.2MM THK)	
	50	2	**9U-3925**	4	RING-RETAINING	
	51	2	**4E-9174**	2	BEARING	
	52	2	**4E-8722**	8	NUT-CAGED	
M	53	2	**9X-2043**	8	SCREW-TRUSS HEAD (M6X1X14MM)	
M	54	2	**8T-4134**	1	NUT (M6X1 THD)	
	55	2	**9X-2038**	8	WASHER (2MM THK)	

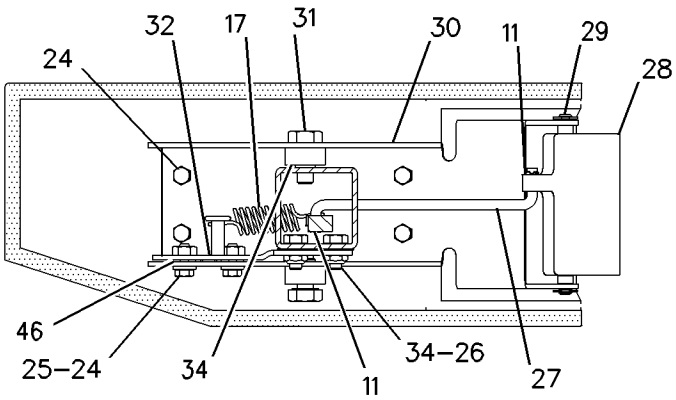
B-USE AS REQUIRED
M-METRIC PART



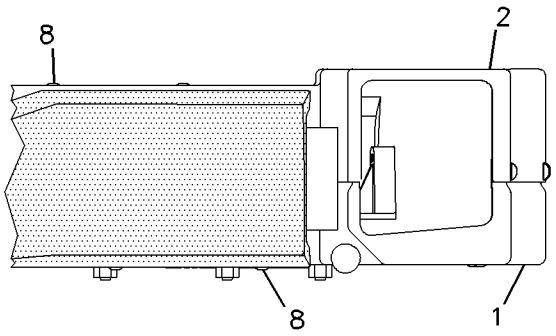
SECTION E-E



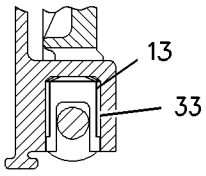
SECTION F



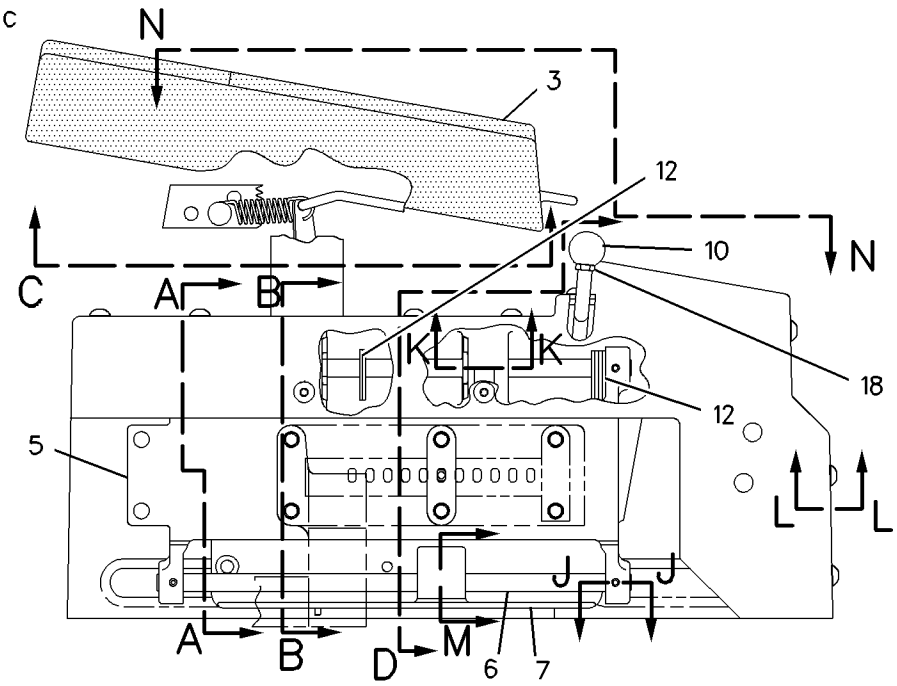
SECTION C



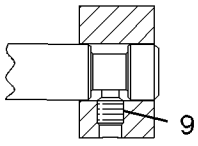
VIEW N-N



SECTION M



RIGHT SIDE VIEW

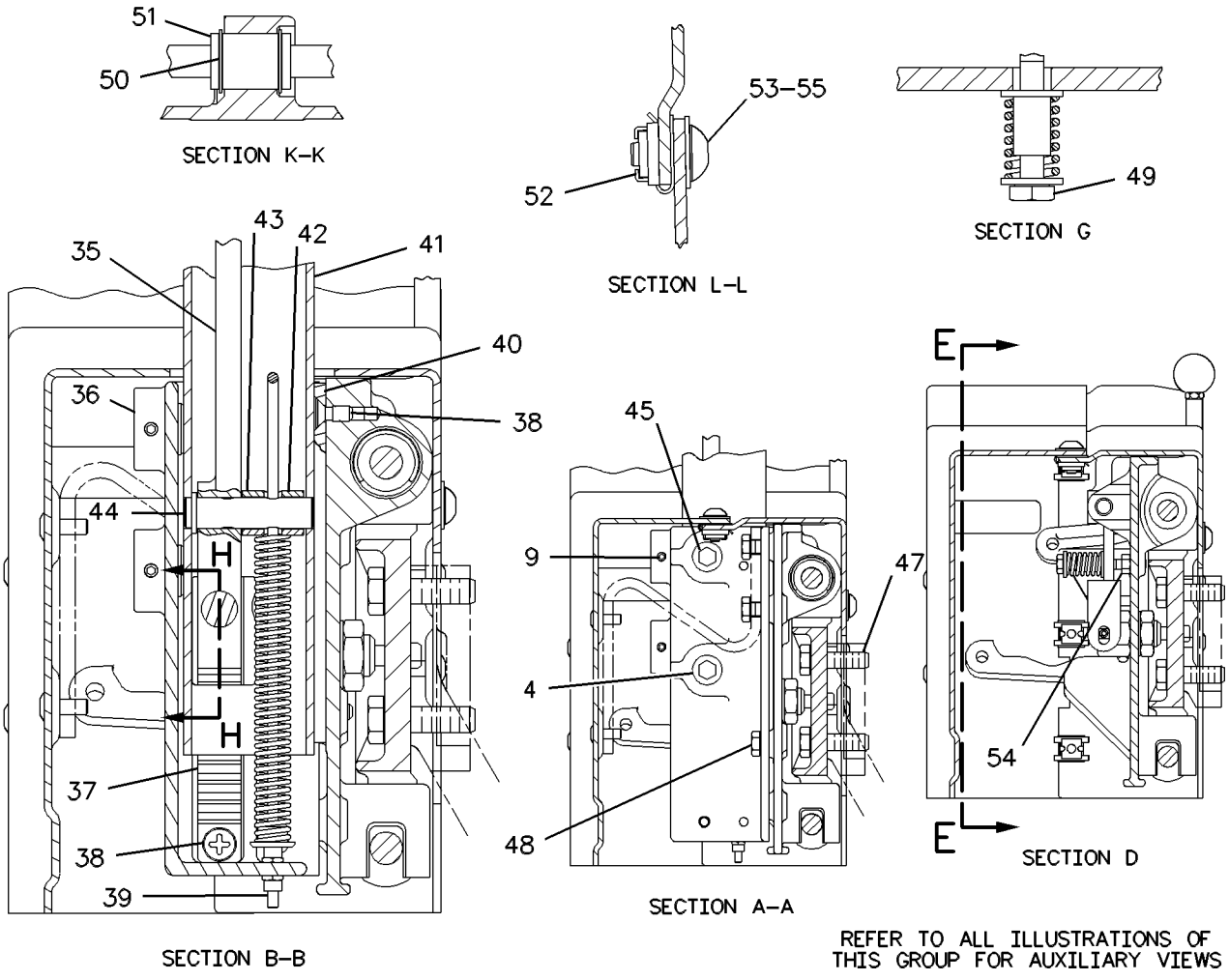


SECTION J-J

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

GRAPHIC #1

g00633997



GRAPHIC #2

g00373753

OPERATOR STATION

149-2404 SUSPENSION GP-SEAT—AIR

PIN 2KZ1-UP

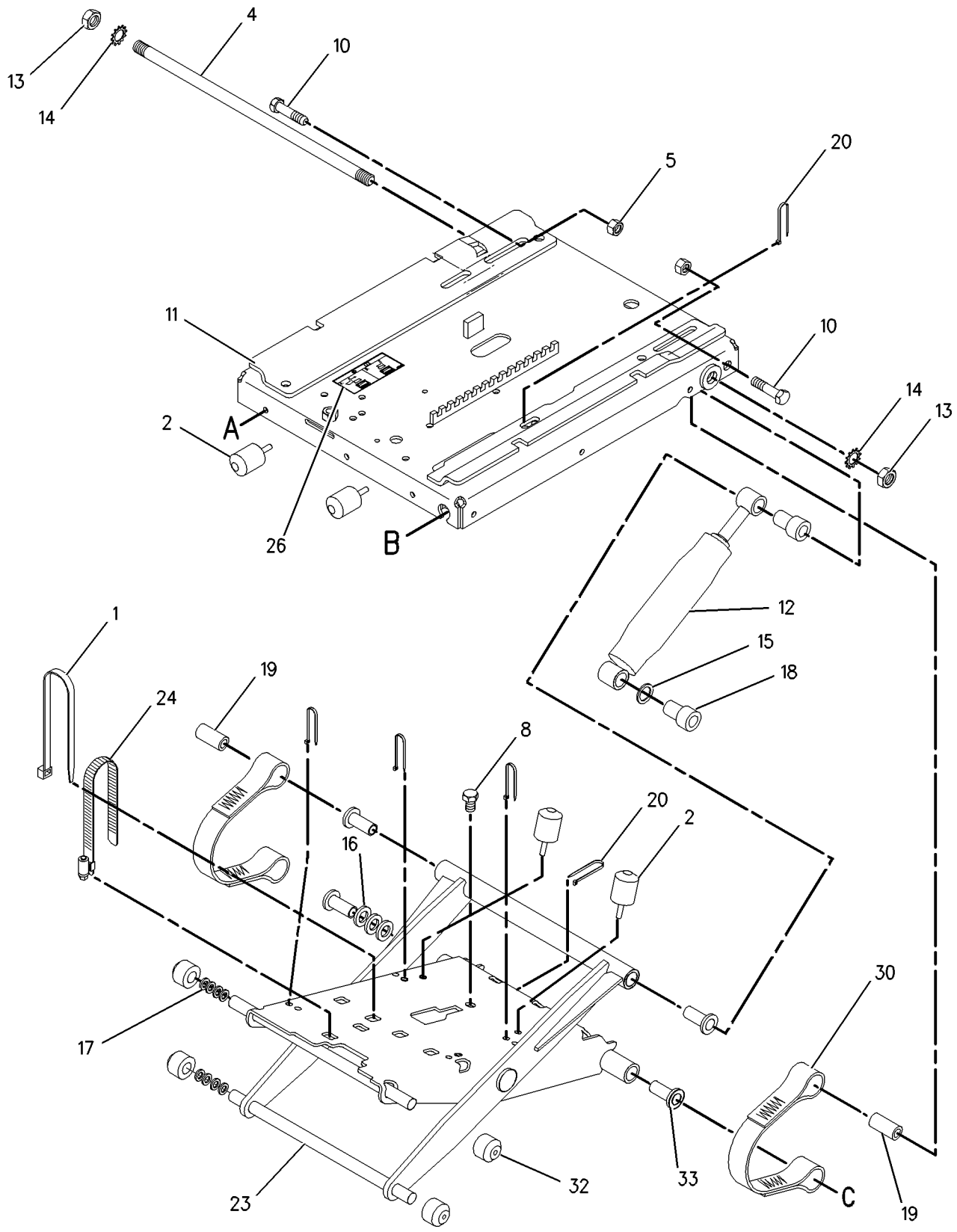
24 VOLTS

PART OF 123-8692 SEAT GP-SUSPENSION

SMCS-7324 **i01229433**

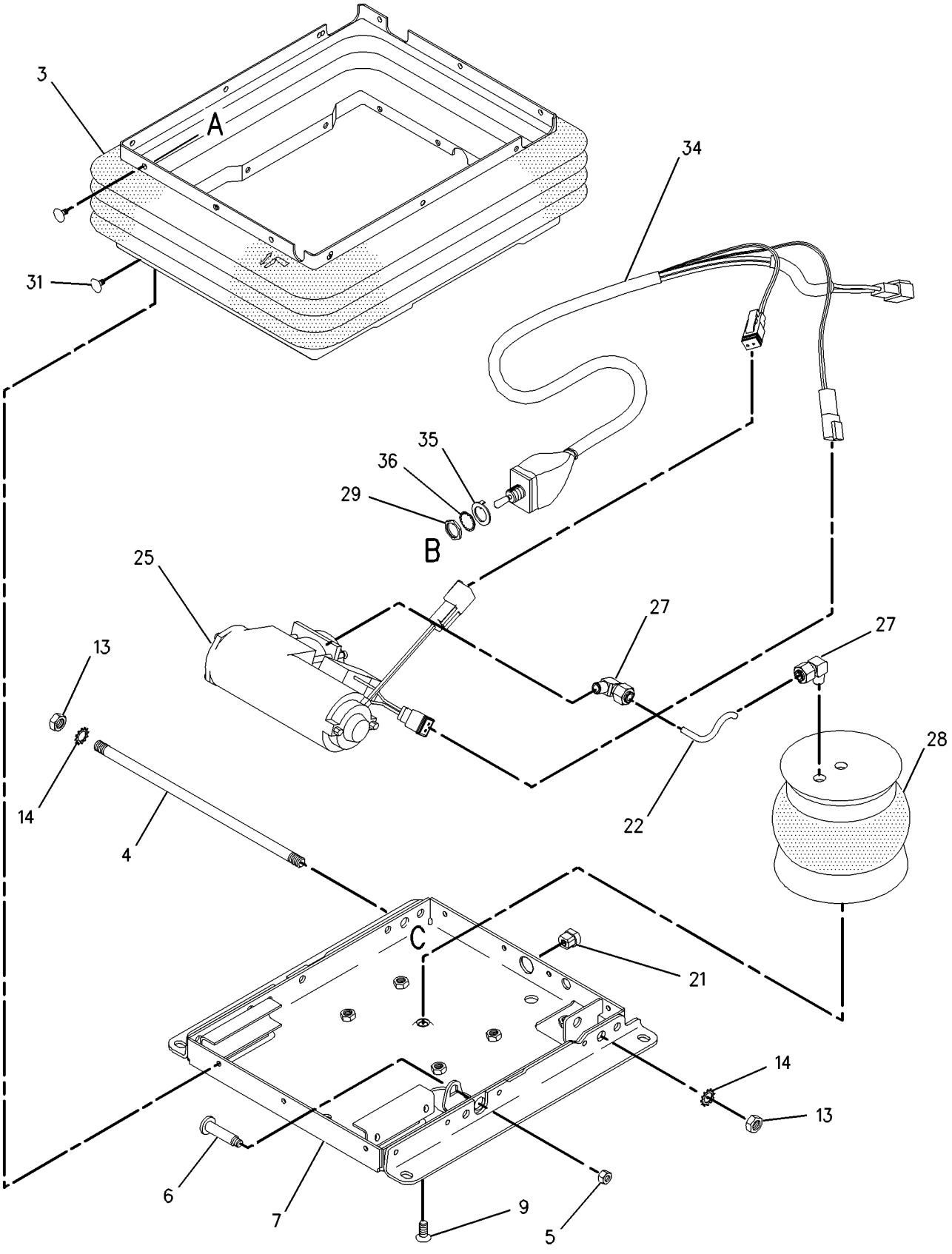
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6K-0806**	1	STRAP-CABLE	
	2	1	**102-6317**	4	BUMPER	
	3	2	**8Y-6917**	1	BOOT	
	4	1,2	**123-8157**	2	SHAFT	
	5	1,2	**2K-4973**	3	LOCKNUT (3/8-16 THD)	
	6	2	**4V-8556**	1	BOLT (3/8-16X2.34IN)	
	7	2	**166-7401**	1	HOUSING AS (LOWER)	
M		2	**8T-3490**	4	NUT-WELD (M10X1.5 THD)	
	8	1	**5P-8167**	1	BOLT (3/8-16X.625IN)	
	9	2	**8M-3267**	1	SCREW-HEX SOCKET	
	10	1	**8T-2501**	2	BOLT (3/8-16X2.0IN)	
	11	1	**166-7221**	1	HOUSING AS (UPPER)	
	12	1	**123-9131**	1	ABSORBER-SHOCK	
	13	1,2	**1B-4430**	4	NUT-JAM (1/2-20 THD)	
	14	1,2	**3J-4818**	4	LOCKWASHER (1/2IN)	
B	15	1	**160-7765**	1	WASHER (1.97MM THK)	
B	16	1	**160-7766**	3	WASHER (0.51MM THK)	
B	17	1	**160-7767**	8	WASHER (0.51MM THK)	
	18	1	**4V-7884**	2	BEARING	
	19	1	**128-0686**	2	SPACER (27.8MM THK)	
	20	1	**8L-8413**	5	STRAP-CABLE (1.12IN DIA)	
	21	2	**124-7128**	1	BUSHING-RELIEF	
BE	22	2	**147-6541**		TUBE	
	23	1	**148-3749**	1	SCISSORS AS	
	24	1	**9M-0164**	1	CLAMP-HOSE	
	25	2	**147-6523**	1	COMPRESSOR	
	26	1	**145-0326**	1	FILM-INSTRUCTION (SEAT ADJUSTMENT)	
	27	2	**147-4549**	2	FITTING-ELBOW	
	28	2	**147-6522**	1	SPRING-AIR	
NZ	29	2		1	NUT	
PZ	30	1		2	TETHER	
JZ	31	2		30	CLIP	
LZ	32	1		4	ROLLER	
LZ	33	1		4	BEARING	
NZ	34	2		1	HARNESS	
NZ	35	2		1	LOCKRING	
NZ	36	2		1	LOCKWASHER	
					AVAILABLE REPAIR KIT(S):	
J			**8Y-6928**	1	KIT-FASTENER	
L			**123-9128**	1	KIT-ROLLER	
					(INCLUDES TIE WRAP)	
N			**123-8266**	1	KIT-WIRING HARNESS	
					(INCLUDES 5-TIE WRAPS)	
P			**128-0613**	1	KIT-TETHER	

B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER
J-KIT MARKED J INCLUDES PART(S) MARKED J
L-KIT MARKED L INCLUDES PART(S) MARKED L
M-METRIC PART
N-KIT MARKED N INCLUDES PART(S) MARKED N
P-KIT MARKED P INCLUDES PART(S) MARKED P
Z-NOT SERVICED SEPARATELY



GRAPHIC #1 g00649641

149-2404 SUSPENSION GP-SEAT *(contd.)* i01229433



GRAPHIC #2 g00649644

OPERATOR STATION

9U-0229 WASHER GP-WINDOW

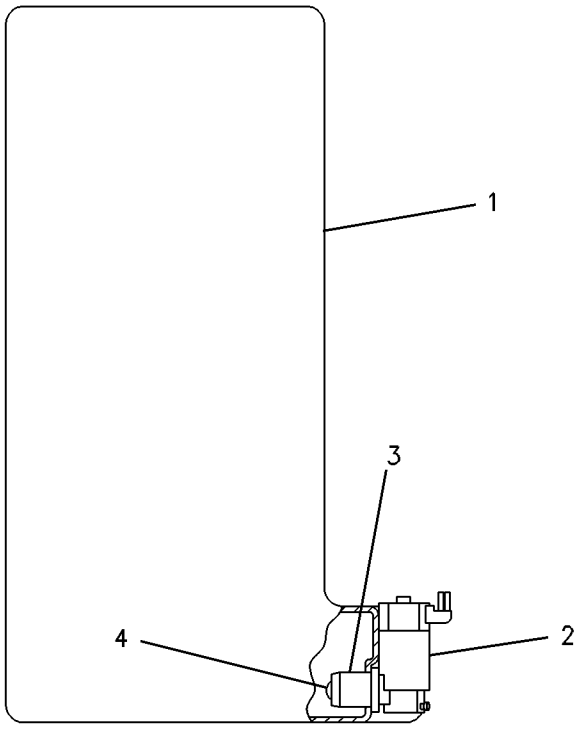
PIN 2KZ1-UP

PART OF 167-0601 WIPER & WASHER GP-WINDOW

AN ATTACHMENT

SMCS-7306 **i01057782**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-8177**	1	RESERVOIR	
	2	1	**7T-8890**	2	PUMP AS-WASHER	
	3	1	**8T-5913**	2	FILTER-SCREEN	
	4	1	**8T-5914**	2	GROMMET	



GRAPHIC #1 g00119840

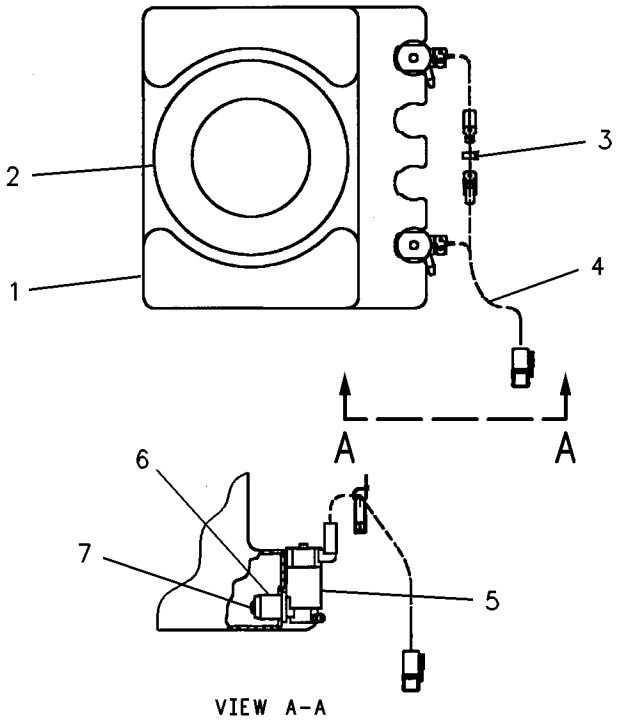
9U-0351 WASHER GP-WINDOW

PIN 2KZ1-UP

PART OF 8R-5535 WIPER & WASHER GP-WINDOW

SMCS-7306 **i01057783**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9U-0350**	1	RESERVOIR	
	2	1	**9U-0126**	1	CAP	
	3	1	**3S-2093**	1	STRAP-CABLE (1.75IN DIA)	
	4	1	**4E-6999**	1	HARNESS AS	
	5	1	**7T-8890**	2	PUMP AS-WASHER	
	6	1	**8T-5914**	2	GROMMET	
	7	1	**8T-5913**	2	FILTER-SCREEN	



VIEW A-A

GRAPHIC #1 g00119816

MEMORANDA

OPERATOR STATION

8R-5535 WIPER & WASHER GP-WINDOW

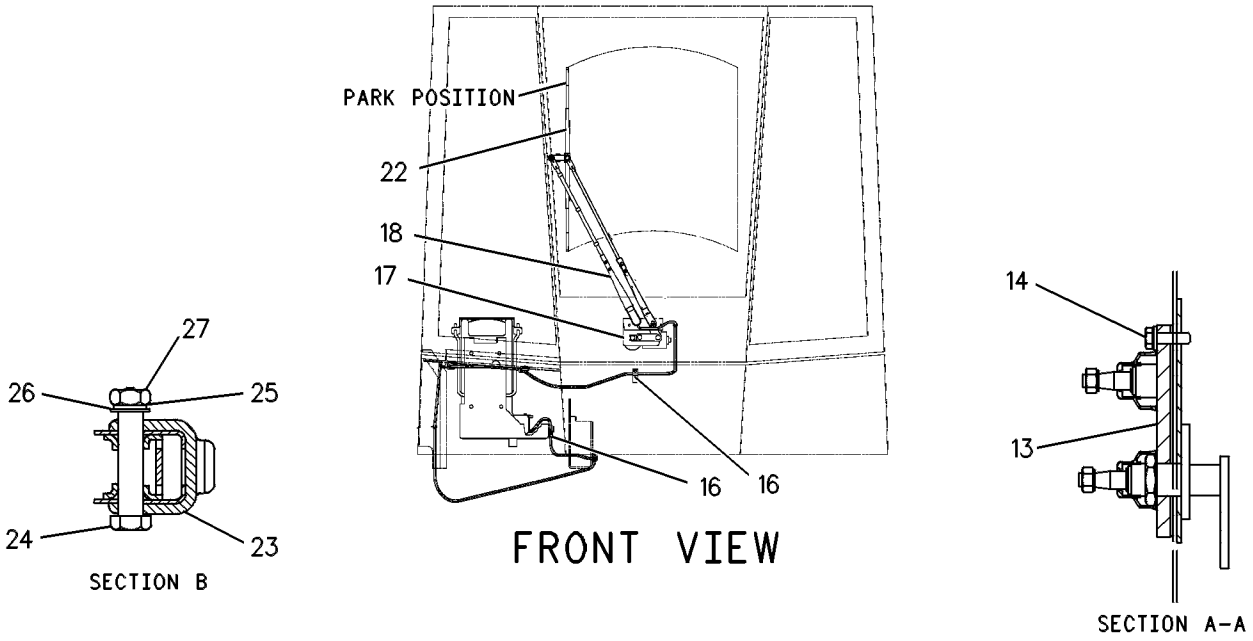
PIN 2KZ1-UP

PART OF 153-3958 CAB AR

SMCS-7305, 7306 **i01241523**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	1	1	*9U-0351*	1	WASHER GP-WINDOW	652
	2	1	**4E-9611**	1	SHEET AS	
M		1	**8T-3490**	1	NUT-WELD (M10X1.5 THD)	
BD	3	1	**5P-5992**		HOSE	
	4	1	**8T-5400**	5	CONNECTOR	
M		1	**6V-6889**	5	NUT (M8X1.25 THD)	
	5	1	**3S-2093**	5	STRAP-CABLE	
	6	1	**8T-4121**	10	WASHER-HARD (2.5MM THK)	
M	7	1	**8T-4191**	4	BOLT (M10X1.50X16MM)	
M	8	1	**7X-2621**	2	BOLT (M10X1.50X12MM)	
	9	1	**7N-3718**	2	CLIP (9.52MM ID)	
	10	1	**9U-0122**	1	ROD	
M	11	1	**8T-4133**	4	NUT (M10X1.50 THD)	
	12	1	**9U-0121**	1	ANGLE AS	
Y	13	1	*6V-6561*	2	WIPER PIVOT GP	668
	14	1	**0S-1597**	2	BOLT (1/4-28X1IN)	
		1	**9N-1713**	2	WASHER	
	15	1	**6V-5851**	1	BLADE AS-WIPER (REAR)	
	16	1	**6V-3265**	2	CLIP (9.52MM ID) (3/8 HOLE)	
Y	17	1	**3E-9291**	1	WIPER GP-WINDOW (FRONT)	666
	18	1	**8Y-6341**	1	ARM AS-WIPER (FRONT)	
		1	**6V-6797**	1	NOZZLE AS	
		1	**6V-6798**	3	CLIP-HOSE	
	19	1	**8Y-6342**	1	ARM AS-WIPER (REAR)	
		1	**8T-0789**	1	CLIP-HOSE (6.2MM ID)	
		1	**8T-1119**	1	NOZZLE AS	
	20	1	**9U-0838**	1	MAT	
Y	21	1	**3E-7508**	1	WIPER GP-WINDOW (REAR)	664
	22	1	**6V-7419**	1	BLADE AS-WIPER (FRONT)	
	23	1	**6V-6943**	1	BRACKET-SADDLE	
M	24	1	**6V-6942**	1	BOLT-SHOULDER (M4X0.7X27 MM)	
	25	1	**4F-2318**	1	LOCKWASHER	
	26	1	**4L-0569**	1	WASHER	
M	27	1	**5C-8312**	1	NUT (M4X0.7 THD)	

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



GRAPHIC #1

g00120162

OPERATOR STATION

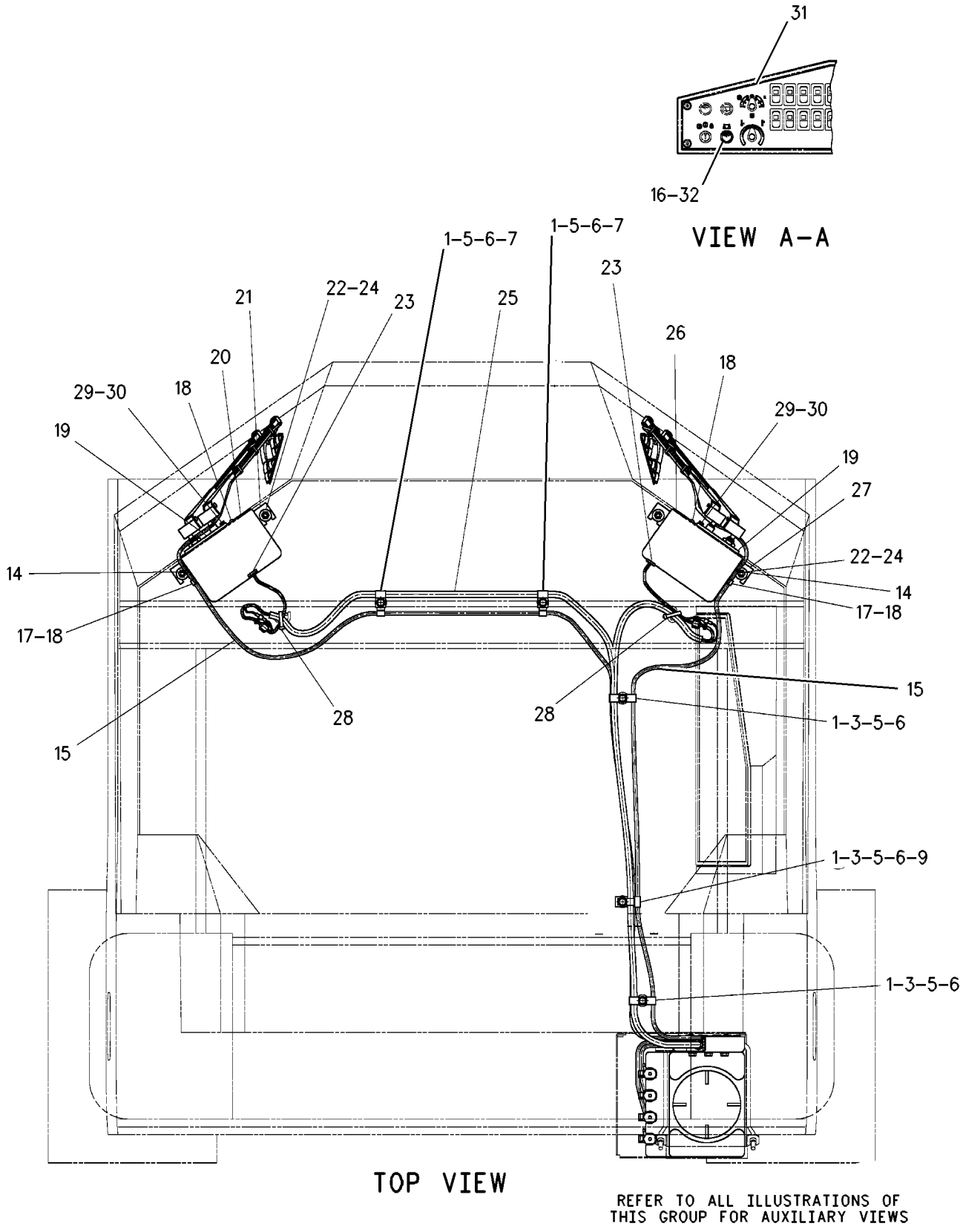
167-0601 WIPER & WASHER GP-WINDOW

PIN 2KZ1-UP
AN ATTACHMENT

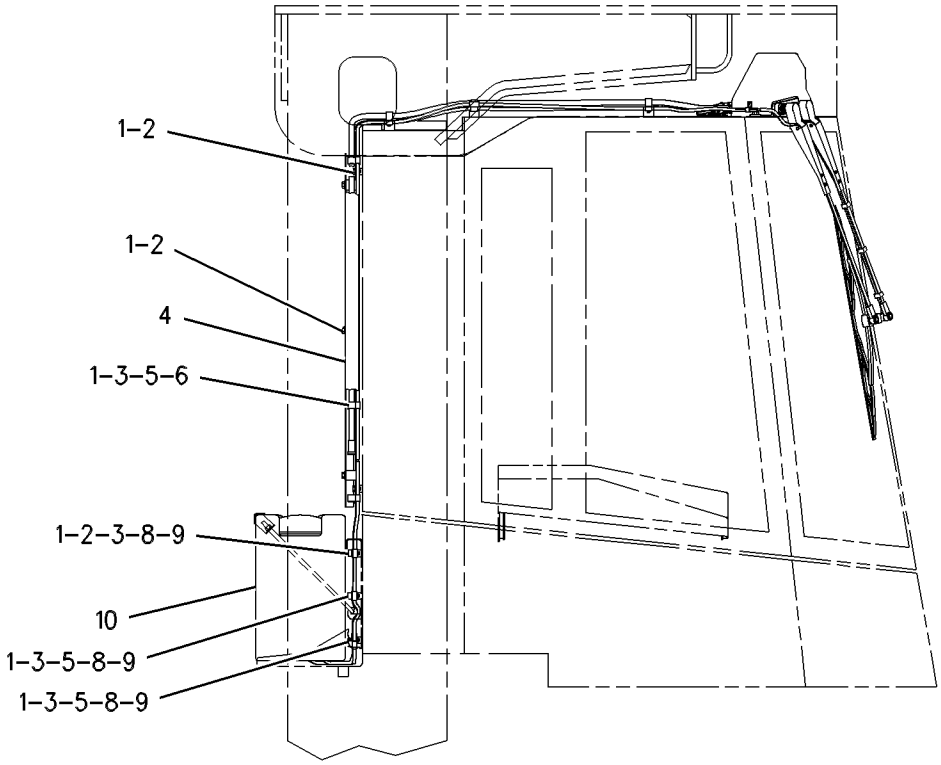
SMCS-7305, 7306 **i01251903**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1,2	**8T-4121**	16	WASHER-HARD (2.5MM THK)	
M	2	2	**8T-4191**	6	BOLT (M10X1.50X16MM)	
	3	1,2	**4K-8864**	9	CLIP (14.2MM ID)	
	4	2	**9U-0124**	1	CHANNEL	
M	5	1,2	**8T-4137**	10	BOLT (M10X1.50X20MM)	
	6	1,2	**6V-3265**	13	CLIP (9.52MM ID)	
	7	1	**033-8248**	2	CLIP (11.11MM ID)	
	8	2	**5P-9297**	3	CLIP (9.52MM ID)	
	9	1,2	**7N-3718**	4	CLIP (9.52MM ID)	
Y	10	2	*9U-0229*	1	WASHER GP-WINDOW	651
	11	2	**8Y-8319**	2	ARM AS-WIPER	
	12	2	**6V-7419**	2	BLADE AS-WIPER	
	13	2	**9U-0125**	1	STRIP AS	
M		2	**8T-3490**	3	NUT-WELD (M10X1.5 THD)	
		2	**8Y-3925**	3	BOSS (30MM THK)	
	14	1,2	**3V-3263**	4	CONNECTOR	
BE	15	1,2	**144-0195**		HOSE	
	16	1	**3E-5275**	1	SWITCH AS-ROTARY (WIPER & WASHER)	
		1	**102-8811**	1	KIT-CONNECTING PLUG (8 PIN)	
					(INCLUDES PLUG AS & WEDGE)	
		1	**2H-3920**	1	LOCKWASHER (11.38MM ID)	
		1	**3E-3386**	1	WEDGE-PLUG LOCK	
		1	**6V-8369**	1	NUT (7/16-28 THD)	
		1	**7T-9302**	1	KNOB-WIPER SWITCH	
		1	**014-0816**	1	SETSCREW	
		1	**014-0816**	1	SETSCREW	
	17	1	**2V-3216**	2	CLIP (9.52MM ID)	
M	18	1	**9X-2042**	4	SCREW-TRUSS HEAD (M6X1.0X12MM)	
Y	19	1	*6V-6561*	2	WIPER PIVOT GP	668
	20	1	**4E-9571**	1	COVER-LH	
Y	21	1	**3E-5330**	1	WIPER GP-WINDOW (LH)	662
M	22	1	**8T-4133**	4	NUT (M10X1.50 THD)	
	23	1	**5F-9757**	2	GROMMET	
	24	1	**8T-4222**	4	WASHER-PLATED (2.5MM THK)	
	25	1	**4E-7001**	1	HARNESS AS	
	26	1	**4E-9570**	1	COVER-RH	
Y	27	1	**3E-5329**	1	WIPER GP-WINDOW (RH)	660
	28	1	**3S-2093**	2	STRAP-CABLE (1.75IN DIA)	
M	29	1	**8T-4138**	2	BOLT (M6X1.0X20MM)	
	30	1	**9X-8256**	2	WASHER (2MM THK)	
	31	1	**126-8815**	1	FILM-DASH	
	32	1	**110-7889**	1	KNOB	
		1	**014-0816**	1	SETSCREW	

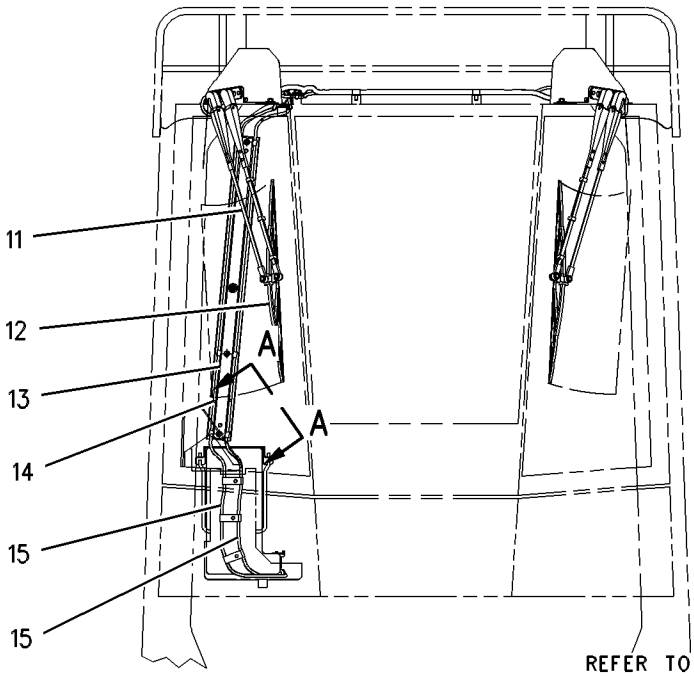
B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER
M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1 g00608086



RIGHT SIDE



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

FRONT VIEW

GRAPHIC #2

g00608137

MEMORANDA

OPERATOR STATION

3E-5329 WIPER GP-WINDOW—RH

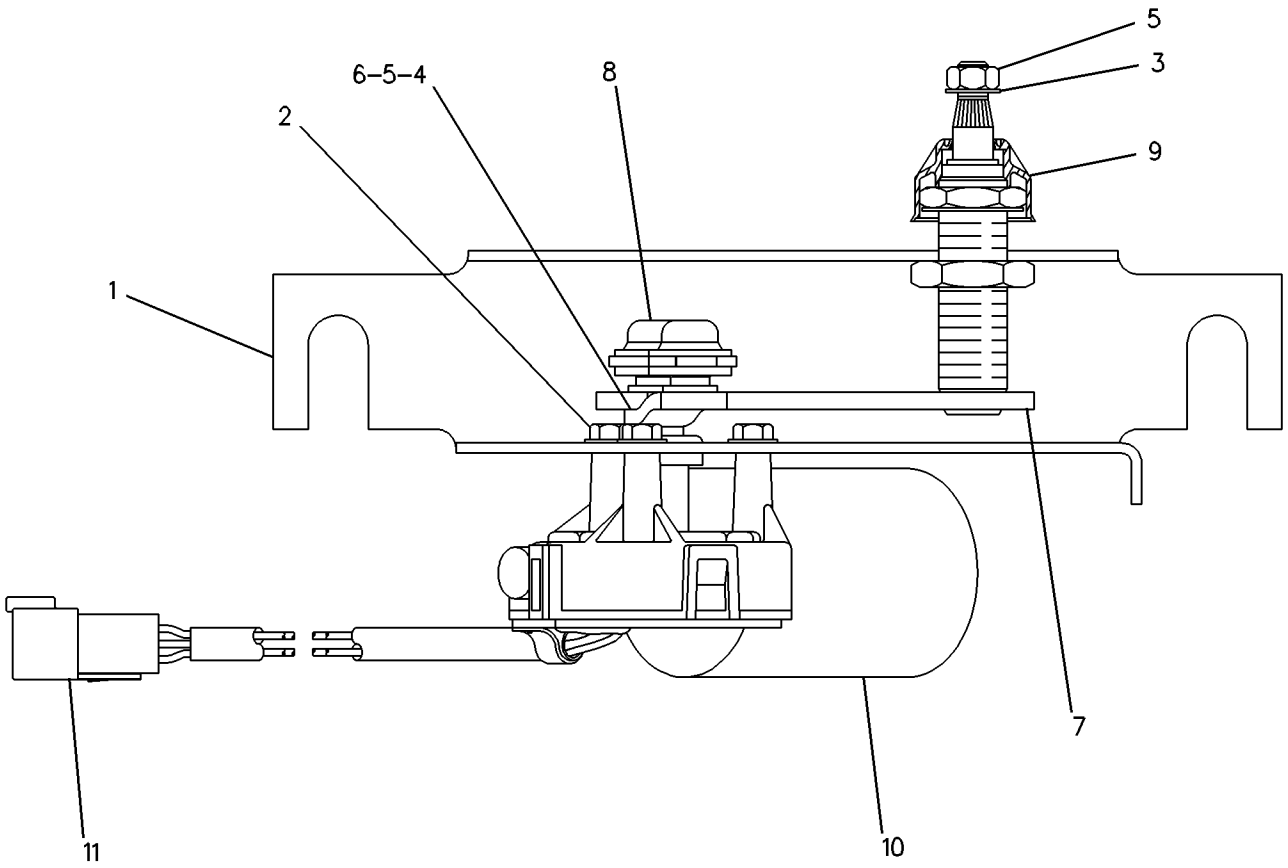
PIN 2KZ1-UP
24 VOLT
PART OF 167-0601 WIPER & WASHER GP-WINDOW
AN ATTACHMENT

SMCS-7305 **i01243491**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-9568**	1	BRACKET	
M	2	1	**5C-9553**	3	BOLT (M6X1.0X16MM)	
		1	**5P-0537**	3	WASHER (2MM THK)	
	3	1	**6A-9718**	1	WASHER (M8.1X12.5X1MM THK)	
	4	1	**3T-7086**	1	CRANK AS	
M	5	1	**6V-6889**	2	NUT (M8X1.25 THD)	
	6	1	**6V-6888**	1	WASHER-SPRING	
	7	1	**8Y-6344**	1	SHAFT AS-DRIVE	
	8	1	**6V-6218**	1	LINK-CONNECTING	
M	9	1	**6V-6213**	1	NUT (M20X1 THD)	
		1	**6V-6214**	1	WASHER (1.0MM THK)	
		1	**6V-6209**	1	CAP	
	10	1	**3E-6388**	1	MOTOR AS-WINDOW WIPER	
	11	1	**102-8805**	1	KIT-RECEPTACLE (6 PIN)	
					(INCLUDES WEDGE)	
		1	**8T-8729**	5	PIN-CONNECTOR	
		1	**3E-3383**	1	WEDGE-RECEPTACLE LOCK	
		1	**8T-8737**	1	PLUG-SEAL	

M-METRIC PART

3E-5329 WIPER GP-WINDOW *(contd.)* **i01243491**



GRAPHIC #1 g00119838

OPERATOR STATION

3E-5330 WIPER GP-WINDOW—LH

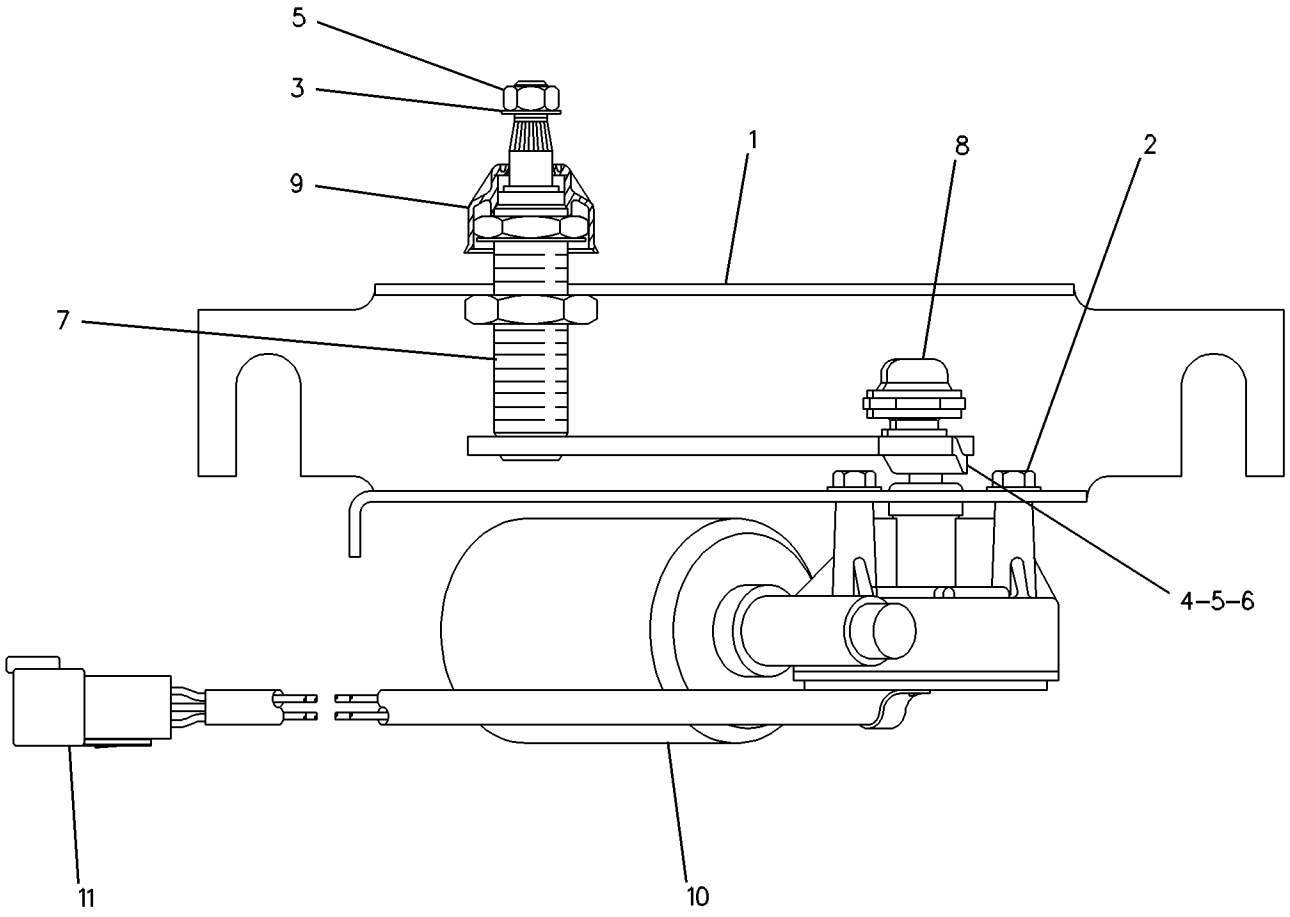
PIN 2KZ1-UP
24 VOLT
PART OF 167-0601 WIPER & WASHER GP-WINDOW
AN ATTACHMENT

SMCS-7305 **i01243492**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**4E-9569**	1	BRACKET	
M	2	1	**5C-9553**	3	BOLT (M6X1.0X16MM)	
		1	**5P-0537**	3	WASHER (2MM THK)	
	3	1	**6A-9718**	1	WASHER (M8.1X12.5X1MM THK)	
	4	1	**3T-7086**	1	CRANK AS	
M	5	1	**6V-6889**	2	NUT (M8X1.25 THD)	
	6	1	**6V-6888**	1	WASHER-SPRING	
	7	1	**8Y-6344**	1	SHAFT AS-DRIVE	
	8	1	**6V-6218**	1	LINK-CONNECTING	
M	9	1	**6V-6213**	1	NUT (M20X1 THD)	
		1	**6V-6214**	1	WASHER (1.0MM THK)	
		1	**6V-6209**	1	CAP	
	10	1	**3E-6388**	1	MOTOR AS-WINDOW WIPER	
	11	1	**102-8805**	1	KIT-RECEPTACLE (6 PIN)	
					(INCLUDES WEDGE)	
		1	**8T-8729**	5	PIN-CONNECTOR	
		1	**3E-3383**	1	WEDGE-RECEPTACLE LOCK	
		1	**8T-8737**	1	PLUG-SEAL	

M-METRIC PART

3E-5330 WIPER GP-WINDOW ***(contd.)*** **i01243492**



GRAPHIC #1 g00119839

OPERATOR STATION

3E-7508 WIPER GP-WINDOW—REAR

PIN 2KZ1-UP

24 VOLT

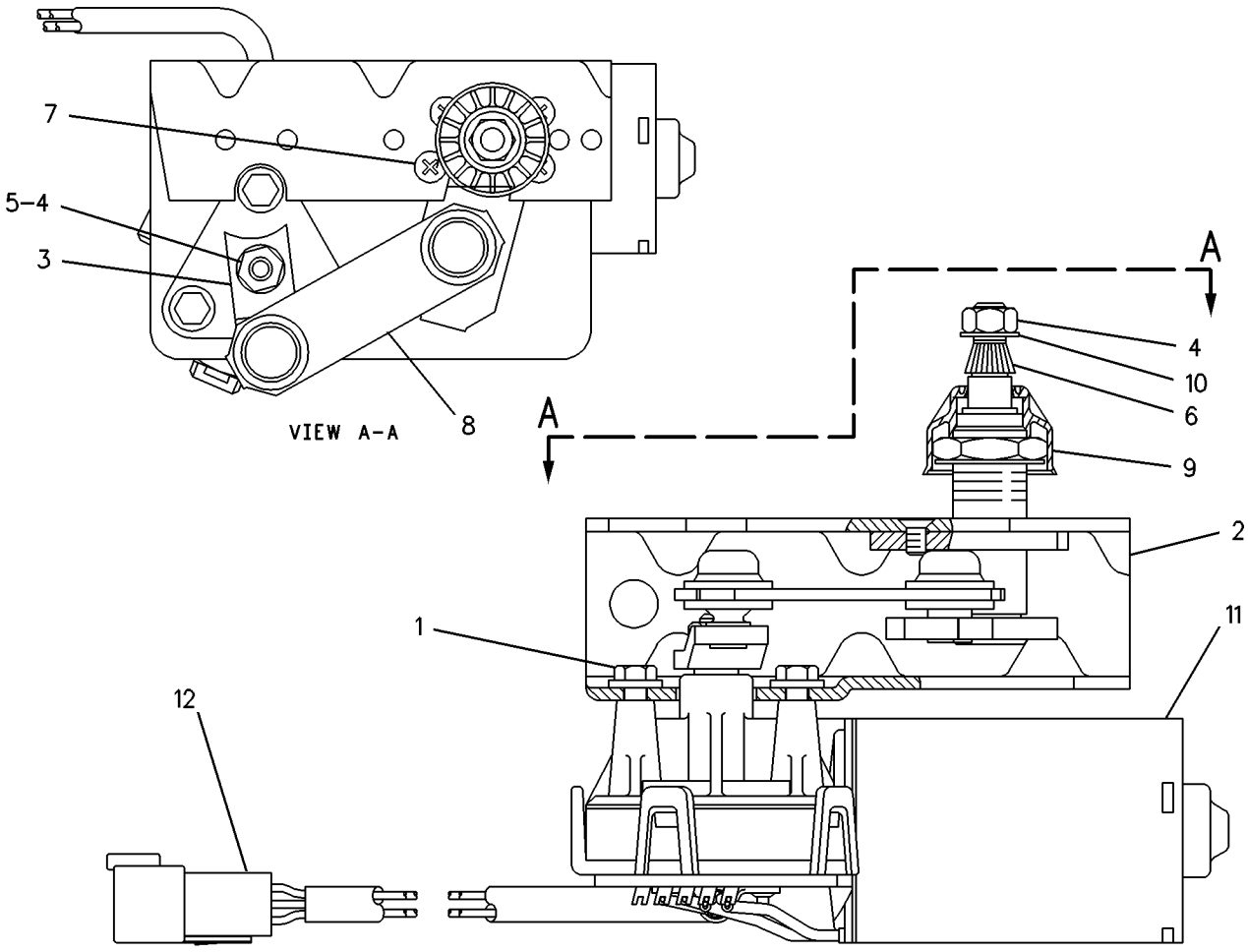
PART OF 8R-5535 WIPER & WASHER GP-WINDOW

SMCS-7305 **i01124825**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**5C-9553**	3	BOLT (M6X1.0X16MM)	
		1	**5P-0537**	3	WASHER (2MM THK)	
	2	1	**3T-7059**	1	BRACKET	
	3	1	**3T-7086**	1	CRANK AS	
M	4	1	**6V-6889**	2	NUT (M8X1.25 THD)	
	5	1	**6V-6888**	1	WASHER-SPRING	
	6	1	**6T-2770**	1	SHAFT AS-DRIVE	
M	7	1	**3C-1884**	4	SCREW-MACHINE (M5X0.8 BG THD)	
	8	1	**6V-6219**	1	LINK-CONNECTING	
M	9	1	**6V-6213**	1	NUT (M20X1 THD)	
		1	**6V-6214**	1	WASHER (1.0MM THK)	
		1	**6V-6209**	1	CAP	
	10	1	**6A-9718**	1	WASHER (M8.1X12.5X1MM THK)	
	11	1	**3E-6388**	1	MOTOR AS-WINDOW WIPER	
	12	1	**3E-3383**	1	WEDGE-RECEPTACLE LOCK	
		1	**8T-8729**	5	PIN-CONNECTOR	
		1	**8T-8737**	1	PLUG-SEAL	

M-METRIC PART

3E-7508 WIPER GP-WINDOW ***(contd.)*** **i01124825**



GRAPHIC #1 g00119815

3E-9291 WIPER GP-WINDOW—FRONT

PIN 2KZ1-UP

24 VOLT

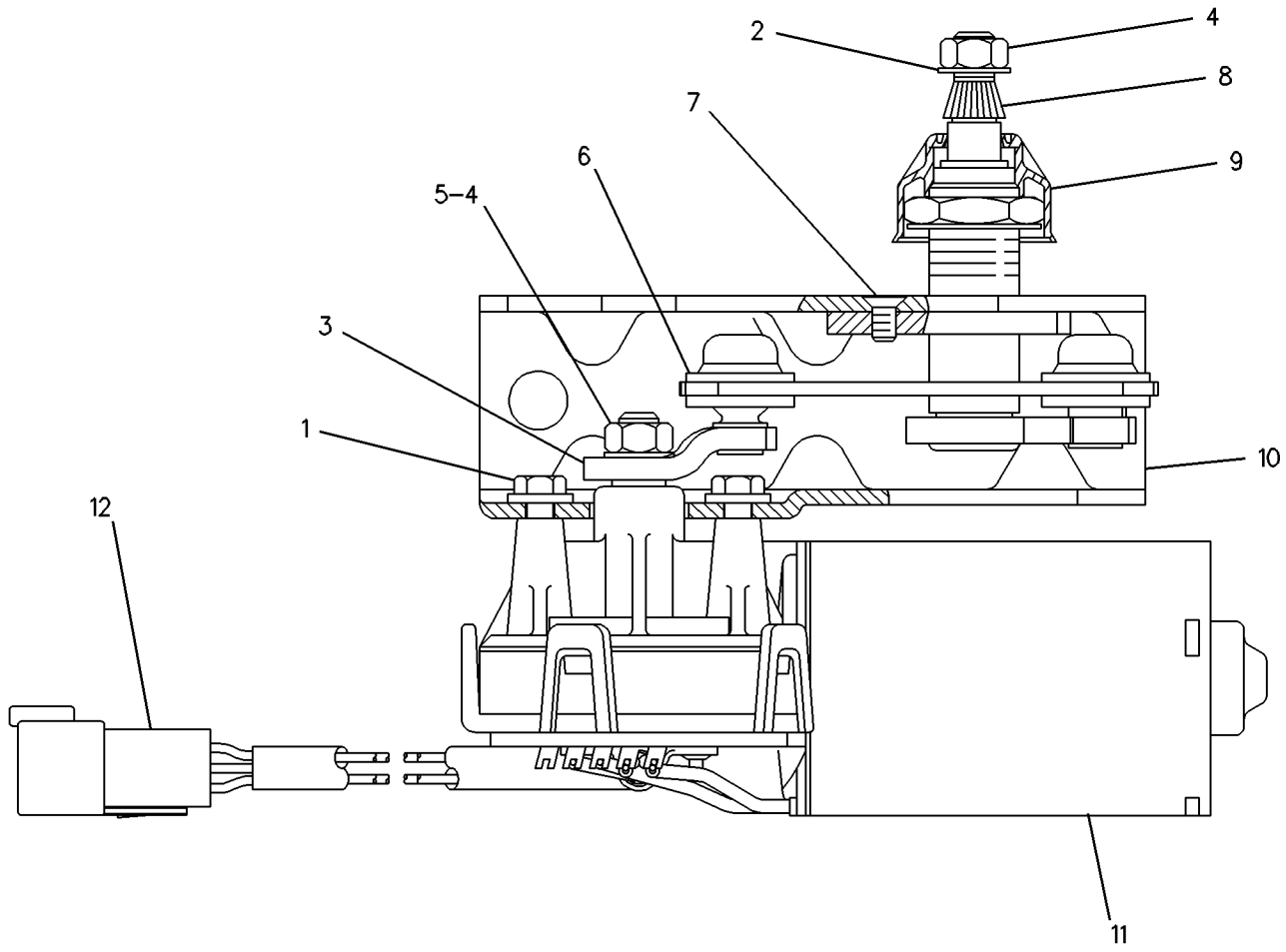
PART OF 8R-5535 WIPER & WASHER GP-WINDOW

SMCS-7305 **i01124832**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
M	1	1	**5C-9553**	3	BOLT (M6X1.0X16MM)	
		1	**5P-0537**	3	WASHER (2MM THK)	
	2	1	**6A-9718**	1	WASHER (M8.1X12.5X1MM THK)	
	3	1	**3T-7086**	1	CRANK AS	
M	4	1	**6V-6889**	2	NUT (M8X1.25 THD)	
	5	1	**6V-6888**	1	WASHER-SPRING	
	6	1	**6V-6208**	1	LINK-CONNECTING	
M	7	1	**3C-1884**	4	SCREW-MACHINE (M5X0.8 BG THD)	
	8	1	**6V-6206**	1	SHAFT AS-DRIVE	
M	9	1	**6V-6213**	1	NUT (M20X1 THD)	
		1	**6V-6214**	1	WASHER (1.0MM THK)	
		1	**6V-6209**	1	CAP	
	10	1	**3T-7059**	1	BRACKET	
	11	1	**3E-6388**	1	MOTOR AS-WINDOW WIPER	
	12	1	**3E-3383**	1	WEDGE-RECEPTACLE LOCK	
		1	**8T-8729**	5	PIN-CONNECTOR	
		1	**8T-8737**	1	PLUG-SEAL	

M-METRIC PART

3E-9291 WIPER GP-WINDOW ***(contd.)*** **i01124832**



GRAPHIC #1 g00119813

6V-6561 WIPER PIVOT GP

PIN 2KZ1-UP

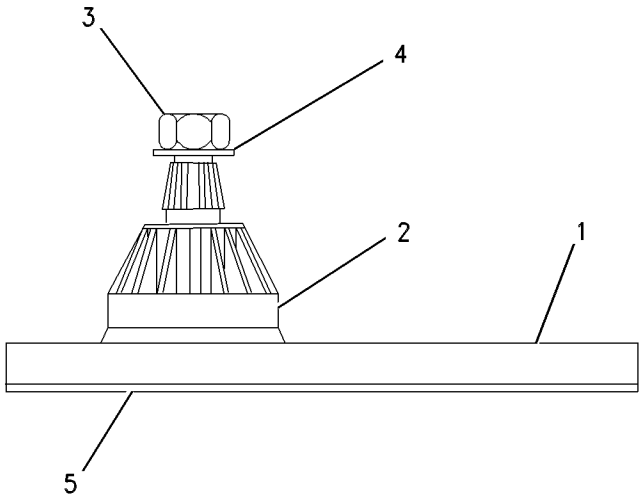
PART OF 167-0601, 8R-5535 WIPER & WASHER GP-WINDOW

ALSO AN ATTACHMENT

SMCS-7305 **i01011513**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**6V-6207**	1	SHAFT AS-PIVOT	
	2	1	**6V-6209**	1	CAP	
M	3	1	**6V-6889**	1	NUT (M8X1.25 THD)	
	4	1	**6A-9718**	1	WASHER	
	5	1	**6V-6210**	1	GASKET-SHAFT	

M-METRIC PART



GRAPHIC #1 g00316575

MEMORANDA

SERVICE EQUIPMENT AND SUPPLIES

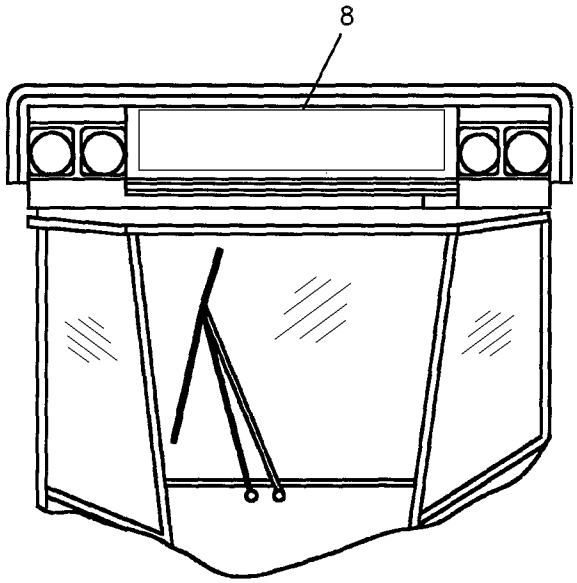
159-2751 FILM GP

PIN 2KZ1-UP

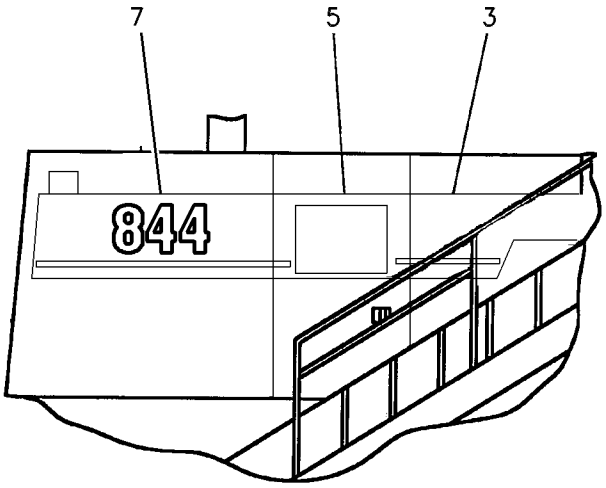
PART OF 157-0616 PLATE & FILM GP

SMCS-7405, 7557 **i00862775**

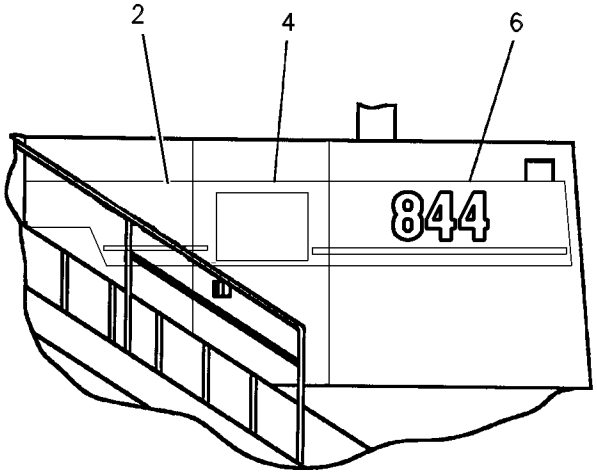
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**9X-1808**	1	FILM-CATERPILLAR	
	2	1	**3E-9675**	1	FILM-STRIPE (LH)	
	3	1	**3E-9676**	1	FILM-STRIPE (RH)	
	4	1	**3E-9677**	1	FILM-STRIPE (LH)	
	5	1	**3E-9678**	1	FILM-STRIPE (RH)	
	6	1	**159-3077**	1	FILM-STRIPE (LH)	
	7	1	**159-3078**	1	FILM-STRIPE (RH)	
	8	1	**9X-2557**	1	FILM-CATERPILLAR	



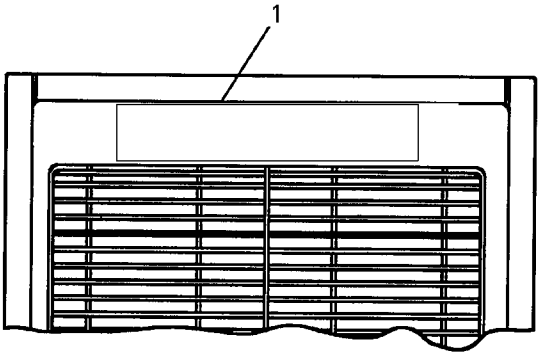
FRONT VIEW
(CAB)



RIGHT SIDE VIEW



LEFT SIDE VIEW



FRONT VIEW
(RADIATOR)

GRAPHIC #1 g00434638

SERVICE EQUIPMENT AND SUPPLIES

122-9798 PLATE & FILM GP

S/N 80M861-UP

PART OF 122-1117 ENGINE AR

SMCS-7405, 7557 **i01243499**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	3N-3790	1	PLATE-SERIAL NUMBER (ENGINE)	
			ON LH SIDE OF BLOCK NEAR FRONT FACE AT BOTTOM OF WATER JACKET	

SERVICE EQUIPMENT AND SUPPLIES

157-0616 PLATE & FILM GP

PIN 2KZ1-UP

PART OF 152-9752 CHASSIS AR

SMCS-7405, 7557 **i01243493**

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	*159-2751*	1	FILM GP	670
	102-1526	1	FILM-DASH	
			ON ELECTRICAL BOX COVER	
	102-1528	1	FILM-IDENTIFICATION	
			ON ELECTRICAL BOX COVER	
	130-7920	1	FILM-IDENTIFICATION	
			ON TOP OF HYDRAULIC CONTROL CONSOLE	
	134-7258	1	FILM-IDENTIFICATION (EXTENDED LIFE COOLANT)	
			NEXT TO RADIATOR FILL CAP	
	3E-8060	1	FILM-IDENTIFICATION	
			ON TOP OF HYDRAULIC CONTROL CONSOLE	
	106-7408	1	FILM-INFORMATION (ENGINE OIL)	
			ON FILLER CAP	
	8T-2428	1	FILM-INSTRUCTION	
			NEXT TO LIGHT SWITCH ON BUMPER ASSEMBLY	
	102-1529	2	FILM-INSTRUCTION	
			1 ON TOP OF ELECTRICAL BOX COVER AND 1 UNDER PLATFORM DOOR ABOVE COVER	
	166-8119	1	FILM-INSTRUCTION	
			ON FRESH AIR INTAKE FILTER DOOR	
	3E-5766	1	FILM-NOTICE	
			ON RADIO TRIM PANEL OVER RADIO OPENING	
	159-2752	1	FILM-NOTICE	
			ON FRONT SIDE OF FUEL TANK	
	134-4157	1	FILM-PANEL	
			ON TRANSMISSION CONTROL DISPLAY	
	1P-2807	4	FILM-SYMBOL (LIFT)	
			2 ON REAR FRAME LIFTING BRACKETS AND 2 ON FRONT FRAME NEXT TO UPPER LIFTING HOLES	
	127-8859	2	FILM-WARNING (JUMP START)	
			ON UNDERSIDE OF EACH BATTERY BOX COVER	
	131-0359	1	PLATE-CONTROL	
			NEXT TO ENGINE SHUT DOWN SWITCH ON BUMPER ASSEMBLY	
	101-9844	1	PLATE-IDENTIFICATION	
			ON FRAME NEXT TO LH UPPER LUB PLATE	
	101-9845	1	PLATE-IDENTIFICATION	
			ON FRAME NEXT TO REAR LUB PLATE	
	101-9846	1	PLATE-IDENTIFICATION	
			ON FRAME NEXT TO LH FRONT LOWER LUB PLATE	
	101-9847	1	PLATE-IDENTIFICATION	
			ON FRAME NEXT TO RH FRONT LUB PLATE	
	8H-8648	1	PLATE-INSTRUCTION (DISCONNECT SWITCH)	
			OVER SERVICE DISCONNECT SWITCH ON BUMPER ASSEMBLY	
	159-0174	1	PLATE-ROPS/FOPS	
			ON LH SIDE OF ROPS COVER PLATE 12MM FROM BOTTOM EDGE & 155MM FROM REAR EDGE. USE DRIVE SCREWS TO FASTEN	
	3E-6576	1	PLATE-WARNING (UNIVERSAL)	
			ON FRONT DOOR JAMB	
	5P-7244	2	PLATE-WARNING	
			EYE LEVEL ON BOTH SIDE OF REAR FRAME ASSEMBLY AT ARTICULATED HITCH	
	9X-6562	8	TACK-FASTENER	

Y-SEPARATE ILLUSTRATION

1N-4296 PROTECTION GP-VANDALISM

PIN 2KZ1-UP

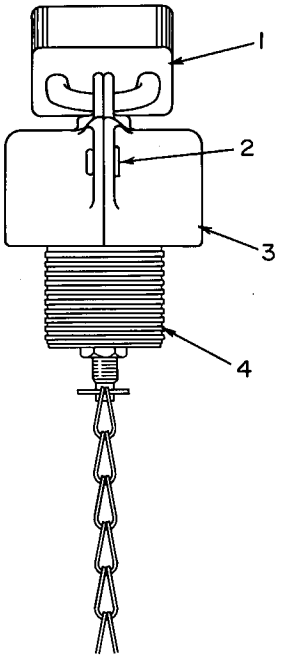
CAP

PART OF 8R-5682 FILLER GP-POWER TRAIN OIL

SMCS-1273, 3005, 3030, 5056, 7315 **i01228311**

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	**5P-8502**	1	PADLOCK GP	
A		1	**5P-8500**	1	KEY	
A		1	**8Y-6364**	1	SLEEVE	
	2	1	**8S-4212**	2	RIVET	
	3	1	**8S-3746**	2	COVER-FILLER CAP	
C	4	1	**7W-1484**	1	CAP AS-OIL FILTER	
C		1	**6H-0411**	1	WASHER (1.6MM THK)	

A-NOT PART OF THIS GROUP
C-CHANGE FROM PREVIOUS TYPE



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