

Parts Manual



See "General Information"
for New Parts Manual
Features.

D6N XL, D/S TRACK-TYPE TRACTOR

CCK1-Up (Machine)
BMA1100-Up (Engine)
BJG1-Up (Transmission)
3WP1-Up (Bulldozer)
B6X1-Up (Bulldozer)
S6D1-Up (Bulldozer)
S6S1-Up (Bulldozer)
TPP1-Up (Ripper)
BZA1-Up (Torque Converter)

Powered By 3126B Engine

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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: _____

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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GENERAL INFORMATION

1. MACHINE IDENTIFICATION

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

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



New Feature

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

CAT 0789BG 6SL12345

1 2 3 4

Where:

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

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

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

2. ORDERING PARTS

WARNING

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

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

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

3. PARTS MANUAL ORGANIZATION

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

4. TABLE OF CONTENTS

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

5. MAINTENANCE PARTS INDEX

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

GENERAL INFORMATION

6. INDEX

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

7. PART NUMBER INDEX

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

8. CAPTIONS

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

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

9. NON-SERVICED PARTS

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

10. PARTS LIST REFERENCE NUMBERS

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

11. INDENTED PART NAMES

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

12. ILLUSTRATION REFERENCE LETTERS

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

13. ABBREVIATIONS AND SYMBOLS

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

 **New Feature**

14.<END>

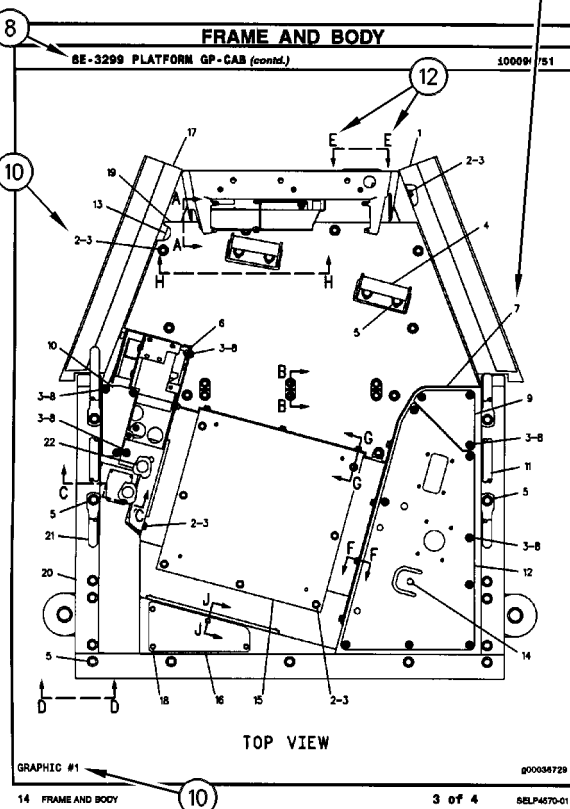
This symbol indicates the end of an information element.

NOTE:

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

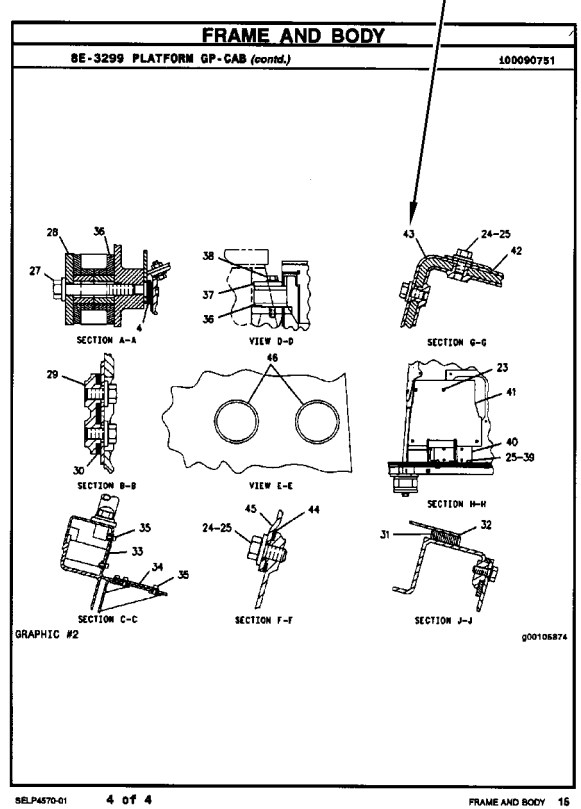
GENERAL INFORMATION

8 FRAME AND BODY						
8E-3299 PLATFORM GP-CAB						
PIN 38X1-99999						
8MCS-7283						100090751
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1		31-3983	1	PLATE AS	
	2		8E-3082	25	BOLT (3/8-16X.750IN)	
	3		8E-1078	41	WASHER-HARD (3MM THK)	
	4		8E-1464	2	SUPPORT AS-FOOT	
	5		8E-3229	18	BOLT (1/2-13X1IN)	
	6		8E-3278	18	WASHER-HARD (4MM THK)	
	7		8E-0136	1	COVER AS-LH	
	8		8E-0178	8	NUT-WELD (3/8-16 THD)	
	9		1E-0189	1	CLIP	
	10		7E-2411	4	COVER	
	11		8E-0489	18	SCREW-HEAD (3/8-16X.875IN)	
	12		8E-0174	1	COVER	
	13		8E-0172	1	GASKET	
	14		8E-3249	1	COVER	
	15		8E-3250	1	GASKET	
	16		8E-3252	1	HANDHOLD	
	17		8E-0176	1	COVER AS	
	18		8E-0178	8	NUT-WELD (3/8-16 THD)	
	19		8E-0178	1	GASKET	
	20		7E-0181	1	FLOORPLATE AS	
	21		1E-0748	4	NUT-WELD (1/2-13 THD)	
	22		7E-0087	1	PLUG-BUTTON	
	23		7E-0136	1	PLATE AS	
	24		8E-3078	5	NUT-WELD (3/8-16 THD)	
	25		7E-0086	1	COVER	
	26		7E-0179	1	GASKET	
	27		8E-3081	1	PLATE AS	
	28		8E-0484	4	BOLT (1/4-20X.625IN)	
	29		8E-0485	4	WASHER-HARD (2MM THK)	
	30		8E-0486	1	FLOOR MAT	
	31		8E-0486	1	MODULE AS-OPERATOR	
	32		8E-3834	1	HANDHOLD	
	33		8E-0871	2	PLUG	
	34		8E-3284	4	BOLT (1/4-20X.625IN)	
	35		8E-0486	4	WASHER-HARD (2MM THK)	
	36		8E-3082	17	BOLT (3/8-16X.750IN)	
	37		8E-1078	21	WASHER-HARD (3MM THK)	
	38		7E-0136	1	SEAL	
	39		7E-0378	2	BOLT (3/4-10X5IN)	
	40		7E-0482	2	WASHER-HARD (6MM THK)	
	41		7E-2482	2	PLATE	
	42		3E-0380	4	PLATE AS	
	43		7E-0828	6	SPACER	
	44		3E-0281	1	SEAL	
	45		7E-0817	1	GASKET	
	46		7E-0816	1	COVER AS	
	47		2E-0278	2	WASHER	
	48		8E-0828	2	SCREW-KNURLED	
	49		8E-3429	1	COVER	
	50		8E-0807	1	COVER	
	51		8E-3021	5	SCREW-ROCKET HEAD	
	52		8E-3148	8	SCREW-TAPPING	
	53		8E-0822	2	PLATE	
	54		7E-0380	2	BOLT (7/8-9X5IN)	
	55		7E-0872	2	WASHER-HARD	
	56		4E-0484	4	BOLT (3/8-16X1.0IN)	
	57		3E-0281	1	COVER	



8E-3299 PLATFORM GP-CAB						
8E-3299 PLATFORM GP-CAB (contd.)						
						100090751
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	41		8E-2815	1	COVER	
	42		7E-0134	1	PLATE	
	43		7E-0136	1	GASKET	
	44		7E-0174	1	GASKET	
	45		7E-0172	1	COVER	
	46		8E-1959	2	PLUG-BUTTON	

M-METRIC PART



GÉNÉRALITÉS

1. IDENTIFICATION DE LA MACHINE

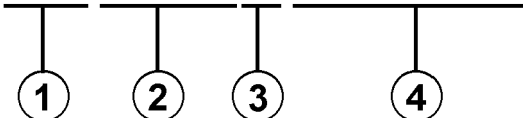
Toutes les machines Caterpillar portent un numéro d'identification (PIN). Certains composants des machines peuvent porter des numéros de série (S/N). En général, parmi les composants qui portent des numéros de série il y a les moteurs, les transmissions, les bulldozers et les rippers. En plus, la machine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

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

Nouvelle Caractéristique

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

CAT 0789BG 6SL12345



Il se décomposera de la façon suivante:

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

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

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

2. COMMANDE DE PIÈCES



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

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

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

3. ORGANISATION DU CATALOGUE DE PIÈCES

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

4. TABLE DES MATIÈRES

Nouvelle Caractéristique

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

5. INDEX DES PIÈCES D'ENTRETIEN

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

6. INDEX

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

7. INDEX DES NUMÉROS DE PIÈCES

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

8. LÉGENDES

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

Nouvelle Caractéristique

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

9. PIÈCES NON FOURNIES

Nouvelle Caractéristique

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

10. NUMÉROS DE RÉFÉRENCE DE LA LISTE DES PIÈCES

Nouvelle Caractéristique

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

11. DÉSIGNATIONS DE PIÈCES EN RETRAIT

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

12. LETTRES DE RÉFÉRENCE DES ILLUSTRATIONS

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

GÉNÉRALITÉS

13. ABRÉVIATIONS ET SYMBOLES

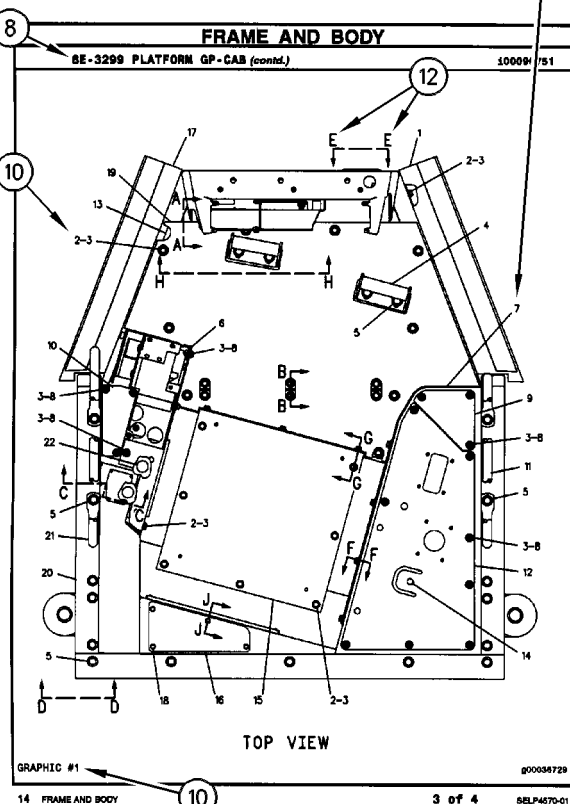
- O.D. – Diamètre extérieur
- I.D. – Diamètre intérieur
- A – Ne fait pas partie de ce groupe
- B – Utiliser selon besoin
- C – Modification
- D – Commander par mètre
- E – Commander par centimètre
- F – Non représenté
- G – Commander par pouce
- I – Voir "Hose Fabrication Guide"
- M – Pièce métrique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

NOTA:

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

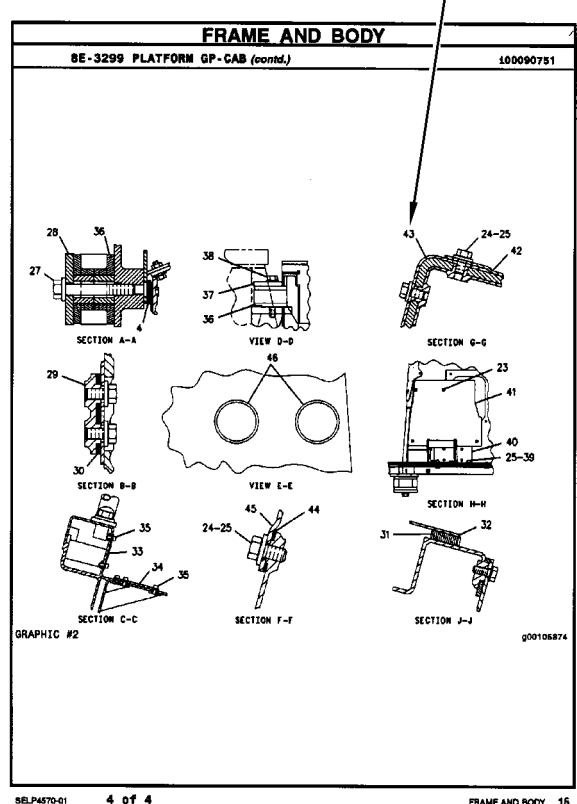
GÉNÉRALITÉS

8 FRAME AND BODY						
BE-3299 PLATFORM GP-CAB						
PIN 38X1-99999						
SNCB-7283						100090751
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1		31-3983	1	PLATE AS	
	2		88-2082	25	BOLT (3/8-16X.750IN)	
	3		82-1078	41	WASHER-HARD (.98M THK)	
	4		92-1464	2	SUPPORT AS-FOOT	
	5		72-0229	18	BOLT (1/2-13X1IN)	
	6		82-1078	18	WASHER-HARD (.98M THK)	
	7		82-0136	1	COVER AS-LH	
	8		82-0136	1	MIT-WELD (3/8-16 THD)	
	9		1F-8189	1	CLIP	
	10		78-2411	4	COVER	
	11		64-0489	18	SCREW-HEAD (3/8-16X.878IN)	
	12		82-0136	1	COVER	
	13		82-0136	1	GASKET	
	14		82-0136	1	GASKET	
	15		82-0136	1	GASKET	
	16		82-0136	1	GASKET	
	17		82-0136	1	GASKET	
	18		82-0136	1	GASKET	
	19		82-0136	1	GASKET	
	20		82-0136	1	GASKET	
	21		82-0136	1	GASKET	
	22		82-0136	1	GASKET	
	23		82-0136	1	GASKET	
	24		82-0136	1	GASKET	
	25		82-0136	1	GASKET	
	26		82-0136	1	GASKET	
	27		82-0136	1	GASKET	
	28		82-0136	1	GASKET	
	29		82-0136	1	GASKET	
	30		82-0136	1	GASKET	
	31		82-0136	1	GASKET	
	32		82-0136	1	GASKET	
	33		82-0136	1	GASKET	
	34		82-0136	1	GASKET	
	35		82-0136	1	GASKET	
	36		82-0136	1	GASKET	
	37		82-0136	1	GASKET	
	38		82-0136	1	GASKET	
	39		82-0136	1	GASKET	
	40		82-0136	1	GASKET	



FRAME AND BODY						
BE-3299 PLATFORM GP-CAB (contd.)						
						100090751
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	41		82-2515	1	COVER	
	42		77-0134	1	PLATE	
	43		77-0134	1	GASKET	
	44		78-8724	1	GASKET	
	45		78-8723	1	COVER	
	46		82-1950	2	PLUG-BUTTON	

M-METRIC PART



INFORMACIÓN GENERAL

1. MÁQUINAS

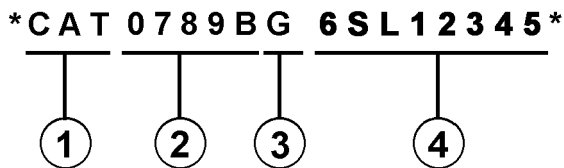
Las máquinas Caterpillar se identifican con Números de Identificación del Producto (PIN). Algunos componentes incluidos en la máquina pueden estar identificados con Números de Serie (N/S). Los componentes que tienen típicamente esta identificación incluyen motores, transmisiones, hojas topadoras y desgarradores.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

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

Nueva Característica

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

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



The diagram shows the PIN structure: * C A T 0 7 8 9 B G 6 S L 1 2 3 4 5 *. Brackets are placed under the first three characters (CAT), the next five characters (0789BG), the next three characters (6SL), and the final five characters (12345). Below each bracket is a circle containing a number: 1, 2, 3, and 4 respectively.

Significado de los caracteres:

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

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

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

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

2. COMO PEDIR REPUESTOS

ADVERTENCIA

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

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

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

3. ORGANIZACION DEL MANUAL DE PIEZAS

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

INFORMACIÓN GENERAL

4. CONTENIDO

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

5. ÍNDICE DE PIEZAS DE MANTENIMIENTO

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

6. ÍNDICE

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

7. ÍNDICE NUMÉRICO DE PIEZAS

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

8. TÍTULOS

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

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

9. PIEZAS QUE NO SE SUMINISTRAN COMO REPUESTO

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

10. NÚMEROS DE REFERENCIA

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

11. NOMBRES DE PIEZA SANGRADOS

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


12. LETRAS DE REFERENCIA DE ILUSTRACIONES

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

INFORMACIÓN GENERAL

13. ABREVIATURAS Y SIMBOLOS

- O.D. – Diámetro exterior
- I.D. – Diámetro interior
- A – No es pieza de este grupo
- B – Utilizado según la demanda
- C – Indica cambio
- D – Se pide por metro
- E – Se pide por centímetro
- F – No se muestra
- G – Se pide por pulgada
- I – Ver "Hose Fabrication Guide"
- M – Pieza métrica
- R – Puede estar disponible como pieza remanufacturada
- Y – Ilustración separada
- Z – No se suministra por separado

 **Nueva Característica**

14.<END>

Este símbolo indica el final de un elemento de información.

NOTA:

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

INFORMACIÓN GENERAL

8 FRAME AND BODY						
8E-3299 PLATFORM GP-CAB						
PIN 38X1-99999						
8MCS-7283						100090751
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1		31-3983	1	PLATE AS	
	2		8E-3082	25	BOLT (3/8-16X.750IN)	
	3		8E-1078	41	WASHER-HARD (3MM THK)	
	4		8E-1464	2	SUPPORT AS-FOOT	
	5		8E-3229	18	BOLT (1/2-13X1IN)	
	6		8E-3278	18	WASHER-HARD (4MM THK)	
	7		8E-0136	1	COVER AS-LH	
	8		8E-0178	8	NUT-WELD (3/8-16 THD)	
	9		1E-0189	1	CLIP	
	10		7E-2411	4	COVER	
	11		8E-0489	18	SCREW-HEAD (3/8-16X.878IN)	
	12		8E-0174	1	COVER	
	13		8E-0172	1	GASKET	
	14		8E-3249	1	COVER	
	15		8E-2582	1	GASKET	
	16		8E-0178	1	COVER AS	
	17		8E-0178	8	NUT-WELD (3/8-16 THD)	
	18		8E-0178	1	COVER AS	
	19		8E-0178	1	FLOORPLATE AS	
	20		1E-0748	4	NUT-WELD (1/2-13 THD)	
	21		7E-0087	1	PLUG-BUTTON	
	22		7E-0136	1	PLATE AS	
	23		8E-0178	6	NUT-WELD (3/8-16 THD)	
	24		7E-0086	1	COVER	
	25		8E-0178	1	GASKET	
	26		8E-0178	1	COVER AS	
	27		8E-0284	4	BOLT (1/4-20X.625IN)	
	28		8E-0284	4	WASHER-HARD (2MM THK)	
	29		8E-0284	1	FLOOR MAT	
	30		8E-0284	1	MODULE AS-OPERATOR	
	31		8E-3834	1	HANDHOLD	
	32		8E-0871	2	PLUG	
	33		8E-1584	4	BOLT (1/4-20X.625IN)	
	34		8E-0284	4	WASHER-HARD (2MM THK)	
	35		8E-3082	17	BOLT (3/8-16X.750IN)	
	36		8E-1078	21	WASHER-HARD (3MM THK)	
	37		7E-0136	1	SEAL	
	38		7E-0278	2	BOLT (3/4-10X5IN)	
	39		7E-0482	2	WASHER-HARD (8MM THK)	
	40		8E-3482	2	PLATE	
	41		8E-3580	4	PLATE AS	
	42		7E-0284	6	SPACER	
	43		8E-0281	1	SEAL	
	44		7E-0817	1	GASKET	
	45		7E-0816	1	COVER AS	
	46		2E-0278	2	WASHER	
	47		8E-0828	2	SCREW-KNURLED	
	48		8E-3429	1	COVER	
	49		8E-0807	1	COVER	
	50		8E-3021	5	SCREW-ROCKET HEAD	
	51		8E-3154	8	SCREW-TAPPING	
	52		8E-0822	2	PLATE	
	53		7E-0380	2	BOLT (7/8-9X8IN)	
	54		7E-0872	2	WASHER-HARD	
	55		8E-0484	4	BOLT (3/8-16X1.0IN)	
	56		8E-0284	1	COVER	

12 FRAME AND BODY

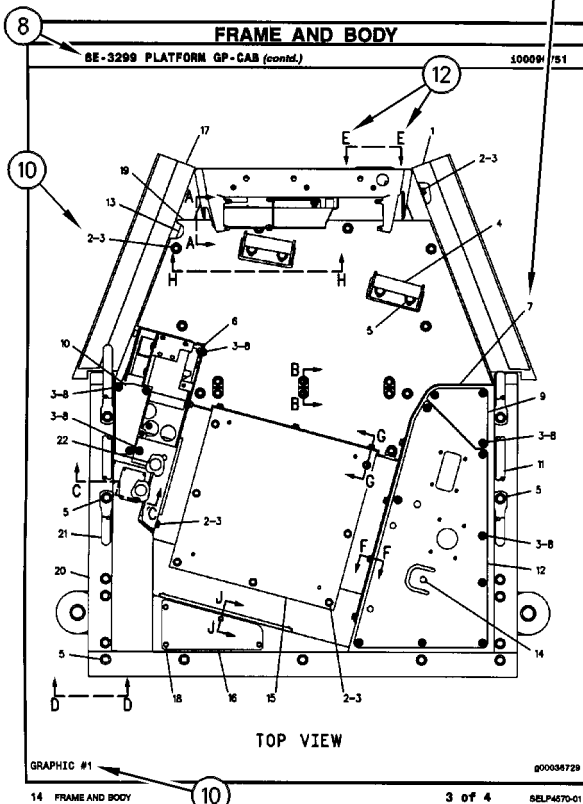
1 of 4 SELP 070-01

FRAME AND BODY						
8E-3299 PLATFORM GP-CAB (contd.)						
						100090751
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	41		8E-2515	1	COVER	
	42		7E-0134	1	PLATE	
	43		7E-0136	1	GASKET	
	44		7E-0224	1	GASKET	
	45		7E-0223	1	COVER	
	46		8E-1850	2	PLUG-BUTTON	

M-METRIC PART

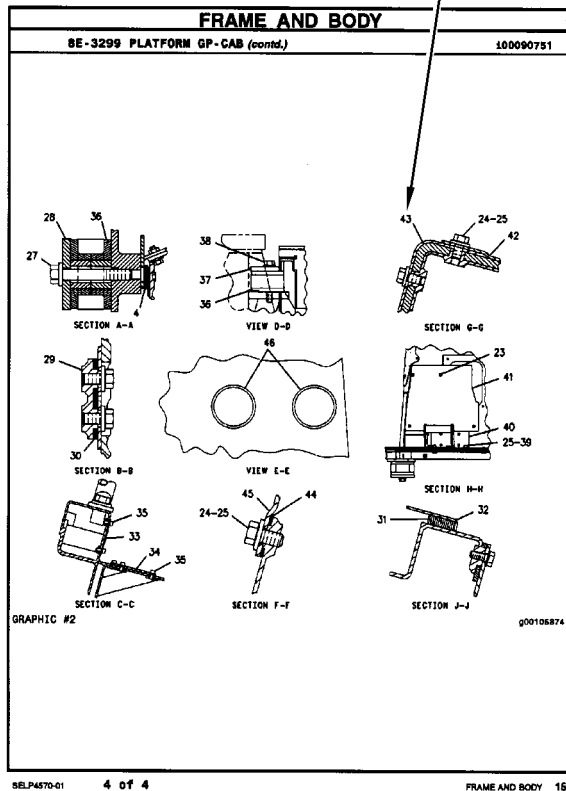
SELP4870-01 2 of 4

FRAME AND BODY 13



14 FRAME AND BODY

3 of 4 SELP4870-01



SELP4870-01 4 of 4

FRAME AND BODY 15

INFORMAÇÃO GERAL

1. IDENTIFICAÇÃO DA MÁQUINA

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

Novidades

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

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

↓ ↓ ↓ ↓

① ② ③ ④

Onde:

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

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

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

2. COMO OBTER PEÇAS

CUIDADO

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

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

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

3. ORGANIZAÇÃO DO MANUAL DE PEÇAS

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

4. LISTA DE CONTEÚDOS

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

INFORMAÇÃO GERAL

5. ÍNDICE DE PEÇAS DE MANUTENÇÃO

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

6. ÍNDICE

O Índice localizado perto do princípio do manual, consiste de uma lista em ordem alfabética de todos os elementos de informação incluídos no manual. Números de página são fornecidos para que se tenha referência rápida de ilustrações de peças detalhadas e listas de conteúdos que podem receber serviço de manutenção.

7. ÍNDICE DE NÚMERO DE PEÇA

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

8. LEGENDAS

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

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

9. NÃO DISPONÍVEL SEPARADAMENTE

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

10. NÚMEROS DE REFERÊNCIA À LISTA DE PEÇAS

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

11. NOMES DE PEÇAS DESALINHADOS

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

12. LETRAS DE REFERÊNCIA NAS ILUSTRAÇÕES

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

13. ABREVIações E SÍMBOLOS

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

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

A – Não faz parte deste grupo

B – Use conforme necessário

C – Indica modificação

D – Vendido por metro

E – Vendido por centímetro

F – Não ilustrado

G – Vendido por polegada

I – 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



Novidades

14. <END>

Este símbolo indica o final de um elemento de informação.

INFORMAÇÃO GERAL

NOTA:

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

INFORMAÇÃO GERAL

8 **FRAME AND BODY** **BE-3299 PLATFORM GP-CAB** **1**
PIN 38X1-99999 100090751

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1		31-3983	1	PLATE AS	
	2		88-2082	25	BOLT (3/8-16X.750IN)	
	3		82-1078	41	WASHER-HARD (.98M THK)	
	4		92-1464	2	SUPPORT AS-FOOT	
	5		72-0229	18	BOLT (1/2-13X1IN)	
	6		82-1078	18	WASHER-HARD (.98M THK)	
	7		82-0136	1	COVER AS-LH	
	8		82-0137	1	MUT-WELD (3/8-16 THD)	
	9		1F-8189	1	CLIP	
	10		78-2411	4	COVER	
	11		64-0489	18	SCREW-HEAD (3/8-16X.878IN)	
	12		82-0137	1	COVER	
	13		82-0136	1	COVER	
	14		82-0137	1	GASKET	
	15		82-0136	1	GASKET	
	16		82-0136	1	HANDHOLD	
	17		82-0136	1	COVER AS	
	18		82-0136	1	MUT-WELD (3/8-16 THD)	
	19		82-0136	1	FLOORPLATE AS	
	20		1F-0748	4	MUT-WELD (1/2-13 THD)	
	21		77-8087	1	PLUG-BUTTON	
	22		77-0136	1	PLATE AS	
	23		82-0136	1	MUT-WELD (3/8-16 THD)	
	24		77-8086	1	COVER	
	25		82-0136	1	GASKET	
	26		82-0136	1	PLATE AS	
	27		82-0136	4	BOLT (1/4-20X.625IN)	
	28		82-0136	4	WASHER-HARD (.98M THK)	
	29		82-0136	1	FLOOR MAT	
	30		82-0136	1	MODULE AS-OPERATOR	
	31		82-0136	1	HANDHOLD	
	32		82-0136	2	PLUG	
	33		82-0136	4	BOLT (1/4-20X.625IN)	
	34		82-0136	4	WASHER-HARD (.98M THK)	
	35		82-0136	17	BOLT (3/8-16X.750IN)	
	36		82-0136	21	WASHER-HARD (.98M THK)	
	37		77-0136	1	SEAL	
	38		72-0278	2	BOLT (3/4-10X5IN)	
	39		72-0282	2	WASHER-HARD (.84M THK)	
	40		72-0282	2	PLATE	
	41		31-8280	4	PLATE AS	
	42		78-8928	6	SPACER	
	43		31-8281	1	SEAL	
	44		78-8917	1	GASKET	
	45		78-8916	1	COVER AS	
	46		28-8278	2	WASHER	
	47		82-0136	2	SCREW-KNURLED	
	48		82-0136	1	COVER	
	49		82-0136	1	COVER	
	50		82-0136	5	SCREW-ROCKET HEAD	
	51		82-0136	8	SCREW-ROCKET HEAD	
	52		82-0136	2	PLATE	
	53		72-0280	2	BOLT (7/8-9X8IN)	
	54		72-0272	2	WASHER-HARD	
	55		44-8454	4	BOLT (3/8-16X1.0IN)	
	56		31-8278	1	COVER	

12 FRAME AND BODY 1 of 4 SELP 170-01

FRAME AND BODY **BE-3299 PLATFORM GP-CAB (contd.)** **100090751**

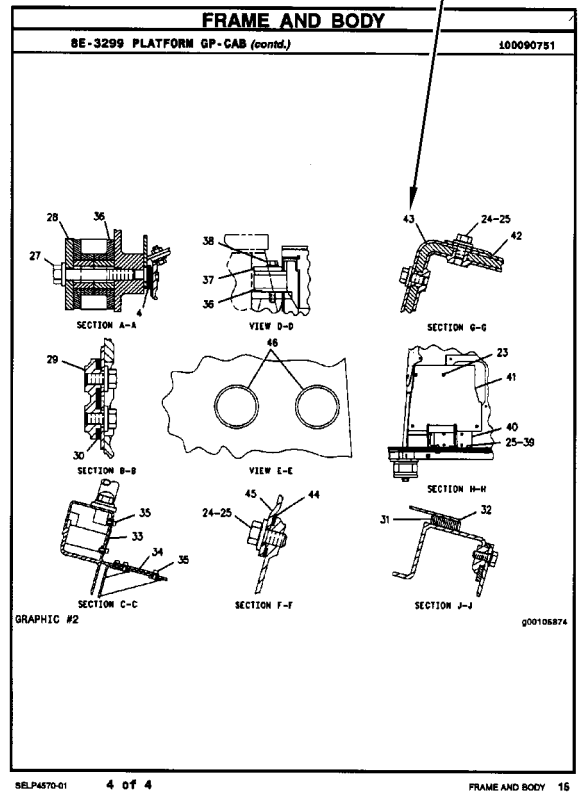
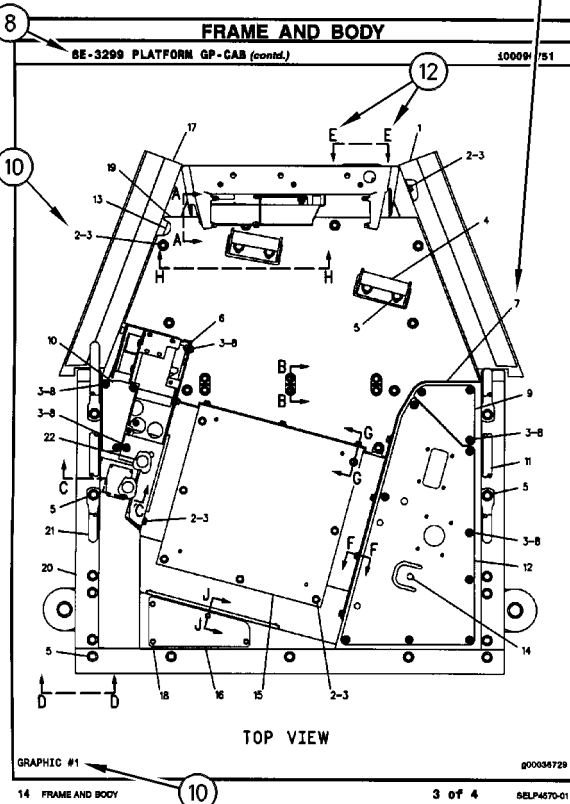
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	41		82-2515	1	COVER	
	42		77-0134	1	PLATE	
	43		77-0134	1	GASKET	
	44		78-8724	1	GASKET	
	45		78-8723	1	COVER	
	46		82-1950	2	PLUG-BUTTON	

M-METRIC PART

13

10

SELPA470-01 2 of 4 FRAME AND BODY 13



ALLGEMEINE HINWEISE

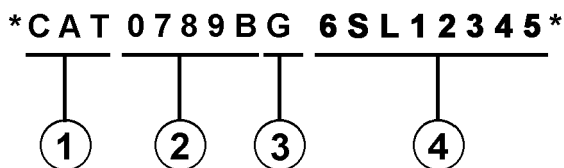
1. MASCHINENKENNZEICHNUNG

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

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

Neu im Parts Manual

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



Abschnitte:

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

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

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

2. BESTELLEN VON ERSATZTEILEN

WARNUNG

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

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

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

3. AUFBAU DES PARTS MANUAL

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

4. INHALTSVERZEICHNIS

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

ALLGEMEINE HINWEISE

5. INDEX FÜR WARTUNGSTEILE

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

6. INDEX

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

7. INDEX FÜR BESTELLNUMMERN

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

8. ÜBERSCHRIFTEN

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

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

9. NICHT EINZELN LIEFERBARE TEILE

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

10. REFERENZNUMMER FÜR ERSATZTEILE

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

11. EINGERÜCKTE BEZEICHNUNGEN

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

12. REFERENZBUCHSTABEN

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

13. ABKÜRZUNGEN UND SYMBOLE

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

 **Neu im Parts Manual**

14. <END>

Dieses Symbol zeigt das Ende eines Informationselements an.

ALLGEMEINE HINWEISE

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

8 FRAME AND BODY							1
BE-3299 PLATFORM GP-CAB							100090751
SNCB-7283							100090751
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE	
	1		31-3983	1	PLATE AS		
	2		88-2082	25	BOLT (3/8-16X.750IN)		
	3		82-1078	41	WASHER-HARD (.9MM THK)		
	4		82-1464	2	SUPPORT AS-FOOT		
	5		72-0229	18	BOLT (1/2-13X1IN)		
	6		82-1078	18	WASHER-HARD (.9MM THK)		
	7		82-0136	4	COVER AS-LH		
	8		82-0136	4	MIT-WELD (3/8-16 THD)		
	9		1F-0189	1	CLIP		
	10		78-2411	4	COVER		
	11		84-0489	18	SCREW-HEAD (3/8-16X.878IN)		
	12		82-0136	1	COVER		
	13		82-0136	1	GASKET		
	14		82-2249	1	GASKET		
	15		82-2250	1	GASKET		
	16		82-2251	1	HANDRAIL		
	17		82-0136	1	COVER AS		
	18		82-0136	8	MIT-WELD (3/8-16 THD)		
	19		82-0136	1	FLOORPLATE AS		
	20		1F-0748	4	MIT-WELD (1/2-13 THD)		
	21		77-0087	1	PLUG-BUTTON		
	22		77-0136	1	PLATE AS		
	23		82-0136	5	MIT-WELD (3/8-16 THD)		
	24		77-0086	1	COVER		
	25		82-0136	1	GASKET		
	26		82-0136	1	PLATE AS		
	27		82-0136	4	BOLT (1/4-20X.625IN)		
	28		82-0136	4	WASHER-HARD (.9MM THK)		
	29		82-0136	1	FLOOR MAT		
	30		82-0136	1	MODULE AS-OPERATOR		
	31		82-0136	1	HANDRAIL		
	32		82-0136	2	PLUG		
	33		82-0136	4	BOLT (1/4-20X.625IN)		
	34		82-0136	4	WASHER-HARD (.9MM THK)		
	35		82-0136	17	BOLT (3/8-16X.750IN)		
	36		82-1078	21	WASHER-HARD (.9MM THK)		
	37		77-0136	1	SEAL		
	38		72-0278	2	BOLT (3/4-10X5IN)		
	39		72-0482	2	WASHER-HARD (.8MM THK)		
	40		72-0482	2	PLATE		
	41		31-8280	4	PLATE AS		
	42		78-8928	6	SPACER		
	43		31-8281	1	SEAL		
	44		78-8917	1	GASKET		
	45		78-8916	1	COVER AS		
	46		28-8278	2	WASHER		
	47		82-0136	2	SCREW-KNURLED		
	48		82-0136	1	COVER		
	49		82-0136	1	COVER		
	50		82-0136	5	SCREW-ROCKET HEAD		
	51		82-0136	8	SCREW-ROCKET HEAD		
	52		82-0136	2	PLATE		
	53		72-0390	2	BOLT (7/8-9X8IN)		
	54		72-0372	2	WASHER-HARD		
	55		44-8454	4	BOLT (3/8-16X1.0IN)		
	56		31-8278	1	COVER		

12 FRAME AND BODY 1 of 4 SELP 170-01

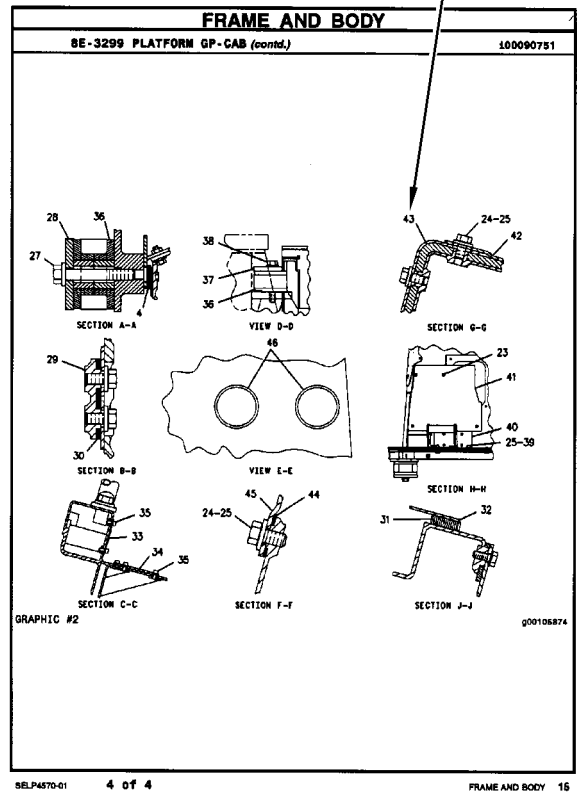
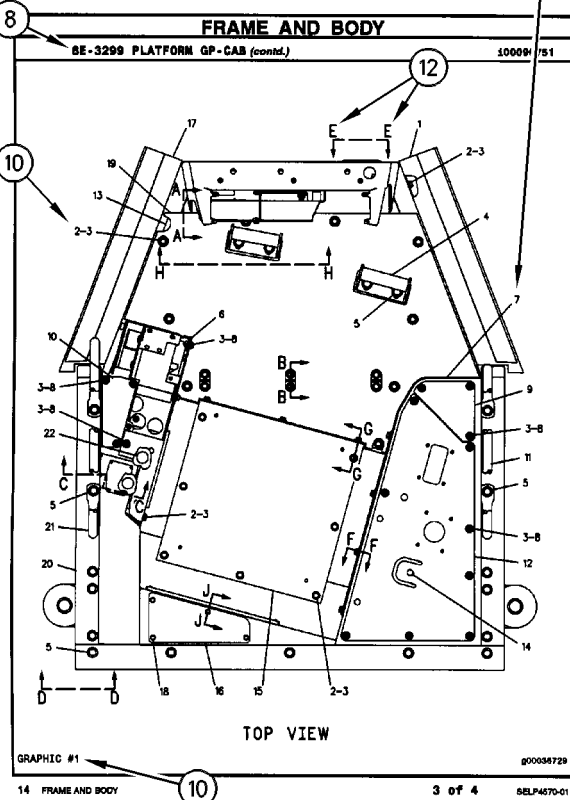
FRAME AND BODY							10
BE-3299 PLATFORM GP-CAB (contd.)							100090751
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE	
	41		82-2515	1	COVER		
	42		77-0134	1	PLATE		
	43		77-0134	1	GASKET		
	44		78-8724	1	GASKET		
	45		78-8723	1	COVER		
	46		82-1950	2	PLUG-BUTTON		

M-METRIC PART

13

10

SELPA470-01 2 of 4 FRAME AND BODY 13



REPAIR ALTERNATIVES

REMANUFACTURED COMPONENTS

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

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

Typical components included in the Remanufacturing Program include:

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

Caterpillar Remanufactured engines for many engine arrangements are also available.

OPTIONS DE RÉPARATION

COMPOSANTS RÉNOVÉS

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

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

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

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

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

ALTERNATIVAS DE REPARACIÓN

COMPONENTES REMANUFACTURADOS

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

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

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

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

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

ALTERNATIVAS DE REPARO

COMPONENTES REMANUFATURADOS

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

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

Os componentes típicos que constam no Programa de Remanufatura incluem:

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

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

REPARATURALTERNATIVEN

WERKÜBERHOLTE AT-PRODUKTE

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

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

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

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

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

SUPPLEMENTAL COOLANT ADDITIVES

CUSTOMER BENEFITS:

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

- Provides measured coolant conditioner.

DESCRIPTION:

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

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

NOTE:

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

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

NOTE:

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

PARTS NEEDED:

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

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

() Indicates quantity required.

ADDITIFS POUR LIQUIDE DE REFROIDISSEMENT

AVANTAGES POUR LE CLIENT

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

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

DESCRIPTION:

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

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

NOTA:

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

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

NOTA:

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

PIÈCES NÉCESSAIRES:

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

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

() Indique la quantité exigée.

ADITIVOS DE REFRIGERANTE SUPLEMENTARIOS

VENTAJAS PARA EL USUARIO:

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

- Suministra un acondicionador dosificado de refrigerante.

DESCRIPCIÓN:

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

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

NOTA:

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

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

NOTA:

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

PIEZAS NECESARIAS:

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

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

() Indica la cantidad necesaria.

ADITIVOS SUPLEMENTARES DO LÍQUIDO ARREFECEDOR

BENEFÍCIOS PARA O CLIENTE:

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

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

DESCRIÇÃO:

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

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

NOTA:

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

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

NOTA:

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

PEÇAS NECESSÁRIAS:

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

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

() Indica a quantidade exigida.

KÜHLMITTELZUSATZ

VORTEILE FÜR DEN KUNDEN:

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

- Richtig dosierter Kühlmittelzusatz

BESCHREIBUNG:

Additive erschöpfen sich während des Motorbetriebs. Deshalb muß allen HD-Kühlmitteln regelmäßig Kühlmittelzusatz beigefügt werden. Wenn bei Erstfüllung kein vollwertiges Fertigmittel, wie das Frostschutz- und Kühlmittel für Dieselmotoren von Caterpillar (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

NOMENCLATURA DE PEÇAS INGLÊS-PORTUGUÊS

INGLÊS	PORTUGUÊS	INGLÊS	PORTUGUÊS
ABOVE	Acima	BEARING-SLEEVE	Mancal tipo luva
ABSORBER	Amortecedor	BEARING-NEEDLE	Rolamento de agulha
ACCESSORY	Acessório	BEARING-ROLLER	Rolamento tipo roletes
ACTUATOR	Acionador	BELL	Campânula
ADAPTER	Adaptador	BELLCRANK	Alavanca angular
ADHESIVE	Adesivo	BELLOWS	Fole
ADJUSTER	Adjustador	BELOW	Abaixo
AFTERCOOLER	Pós-resfriador	BELT	Correia, cinto
AIR	Ar	BELT TIGHTENER	Ajustador de correia
AIR CLEANER	Purificador de ar	BEVEL GEAR	Coroa
AIR SYSTEM	Sistema de ar	BIT-CUTTER	Broca, fresa
ALARM	Alarme	BLACK	Preto
ALTERNATOR	Alternador	BLADE	Lâmina
AMMETER	Amperímetro	BLEEDER	Sangrador
ANCHOR	Âncora, fixador	BLOCK	Bloco, calço
ANGLE	Ângulo, canto	BLOWER	Ventilador
ANVIL A.	Bigorna conj.	BLUE	Azul
ARBOR	Mandril, eixo	BOARD	Prancha, tábua
ARM	Braço	BODY	Corpo
ARMATURE	Armadura, Induzida	BOLT	Parafuso
ARM REST	Apoio para braço	BONNET	Tampa
ARRESTER	Detentor	BOOM	Lança
ASSEM. =		BOOSTER	Reforçador
ASSEMBLY	Conjunto	BOOT	Protetor contra poeira
ATTACHMENT	Acessório	BORE	Furo
AVAILABLE	Disponível	BOSS	Ressalto
AXLE	Eixo	BOTH	Ambos (as)
AXLE SHAFT	Semi-eixo, ponta	BOTTOM	Fundo
BACK-UP ALARM	Alarme de marcha à ré	BOWL	Caçamba
BACK-UP LIGHT	Luz da marcha à ré	BOX	Caixa
BACK-UP SWITCH	Interruptor de marcha à ré	BRACE	Tirante
BACKBOARD	Prancha traseira	BRACKET	Suporte
BACK CUSHION	Encosto	BRAKE	Freio
BACKHOE	Retroescavadeira	BREAKER	Interruptor
BAFFLE	Defletor	BREATHER	Respiro
BAG	Saco, sacola	BRIDGE	Braço
BAIL	Alça	BROWN	Marrom
BALANCER	Balanceador	BRUSH	Escova
BALL	Esfera	BUCKET	Caçamba
BALLCHECK		BULB	Bulbo
ASSEMBLY	Conjunto de (válvula) de esfera de retenção	BULLDOZER	Bulldozer
BALL JOINT	Junta esférica	BUMPER	Pára-choque
BALLSTUD	Munhão esférica	BUSHING	Bucha
BAND	Banda, cinta, tira	BUTTON	Botão
BAND & LINING	Banda e revestimento	BUZZER WARNING	Alarme sonoro
BAR	Barra	C = CHANGE	Alteração
BARREL	Cilindro	CAB	Cabina
BARRIER	Barreira	CABINET	Gabinete
BASE	Base	CABLE	Cabo
BASIN	Bacia, coletor	CAGE	Alojamento
BATTERY	Bateria	CALIPER	Calibrador
BEAM	Barra, viga, trave	CAM	Excêntrico, ressalto
BEARING	Mancal, rolamento	CAMSHAFT	Eixo-comando-de-válvulas
BEARING BALL	Rolamento de esferas	CANOPY	Coberta, toldo

NOMENCLATURA DE PEÇAS INGLÊS-PORTUGUÊS

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

NOMENCLATURA DE PEÇAS INGLÊS-PORTUGUÊS

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

NOMENCLATURA DE PEÇAS INGLÊS-PORTUGUÊS

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

NOMENCLATURA DE PEÇAS INGLÊS-PORTUGUÊS

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

NOMENCLATURA DE PEÇAS INGLÊS-PORTUGUÊS

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

NOMENCLATURA DE PEÇAS INGLÊS-PORTUGUÊS

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

NOMENCLATURA DE PEÇAS INGLÊS-PORTUGUÊS

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

MAINTENANCE PARTS

DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE
AIR INLET AND EXHAUST SYSTEM				
FILTER ELEMENT AS-AIR (PRIMARY)	6I -2501	1	AIR CLEANER GP	91
FILTER ELEMENT AS-AIR (SECONDARY)	6I -2502	1	AIR CLEANER GP	91
BASIC ENGINE				
BELT (WITH A/C EUROPEAN MARKET)	202-3197	1	BELT GP	7
BELT (WITH A/C NORTH AMERICAN MARKET)	215-3015	1	BELT GP	8
BELT (W/O-A/C NORTH AMERICAN MARKET)	191-5215	1	BELT GP	6
PLUG (MAGNETIC OIL DRAIN)	118-3619	1	DRAIN GP-ENGINE OIL	33
COOLING SYSTEM				
CAP AS-RADIATOR (PRESSURE RELIEF)	031-1119	1	RADIATOR GP	89
CAP-DUST (COOLANT SAMPLING VALVE)	157-0670	1	LINES GP-WATER	82
FILTER-WATER (WATER PUMP)	119-3025	1	PUMP GP-WATER	85
GASKET-WATER REGULATOR (COOLANT TEMPERATURE)	136-0812	1	LINES GP-WATER	82
HOSE (LOWER RADIATOR)	198-1663	1	RADIATOR GP	87
HOSE (UPPER RADIATOR)	214-6738	1	RADIATOR GP	87
REGULATOR-WATER TEMPERATURE (94 DEG C) (COOLANT)	126-5869	1	LINES GP-WATER	82

MAINTENANCE PARTS

DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE
ELECTRICAL AND STARTING SYSTEM				
BATTERY (MAINTENANCE FREE)(12 VOLT) (HEAVY DUTY)	153-5700	2	BATTERY GP	124
BATTERY (12 VOLT)	9X-3404	2	BATTERY & WIRING GP	122
BRUSH AS-ALTERNATOR	3E-5459	2	ALTERNATOR GP-CHARGING	116
		2	ALTERNATOR GP-CHARGING	118
CAP AS-DUST (JACKET WATER HEATER)	133-6517	1	HEATER GP-JACKET WATER	136
		1	HEATER GP-JACKET WATER	137
CIRCUIT BREAKER AS (80 AMP) (MACHINE MAIN)	171-2210	1	PANEL GP-CIRCUIT BREAKER	151
ELEMENT AS-JACKET WATER HEATER (120 VOLT/1000 WATT)	124-0686	1	HEATER GP-JACKET WATER	137
ELEMENT AS-JACKET WATER HEATER (240 VOLT/1000 WATT)	124-0687	1	HEATER GP-JACKET WATER	136
FUSE (10 AMP)	9W-1442	9	PANEL GP-CIRCUIT BREAKER	151
FUSE (15 AMP)	9W-1441	8	PANEL GP-CIRCUIT BREAKER	151
FUSE (20 AMP)	9W-1446	3	PANEL GP-CIRCUIT BREAKER	151
HOLDER AS-BRUSH (ALTERNATOR)	3E-5460	1	ALTERNATOR GP-CHARGING	116
		1	ALTERNATOR GP-CHARGING	118
KEY (BATTERY DISCONNECT)	8H-5306	1	SWITCH GP-DISCONNECT	176
LAMP AS (12 VOLT) (RED/GREEN LED ACTION LIGHT)	165-5655	1	INSTALLATION GP-SECURITY	141
		1	INSTALLATION GP-SECURITY	142
LAMP-DIODE (LED) (WARNING BEACON)	165-5674	1	LIGHTING GP-WARNING BEACON	150
LAMP-HALOGEN (24 VOLT)(65 WATT) (FLOOD)	9X-3463	1	LAMP GP-FLOOD	144
		1	LAMP GP-FLOOD	145
		1	LAMP GP-FLOOD	146
LAMP (24 VOLT) (DOME)	7N-9943	1	LAMP GP-DOME	143
LAMP (24 VOLT) (THROTTLE ROCKER SWITCH)	3E-8825	2	WIRING GP-PLATFORM	187
LAMP (24 VOLT) (WARNING BEACON)	3E-8825	1	LIGHTING GP-WARNING BEACON	150
LENS (AMBER WARNING BEACON)	198-0316	1	LAMP GP-WARNING BEACON	147
LENS AS (FLOOD)	202-6611	1	LAMP GP-FLOOD	146
LENS AS (FLOOD) (ROPS)	202-6611	1	LAMP GP-FLOOD	145
	202-6614	1	LAMP GP-FLOOD	144
LENS (DOME LAMP)	7T-0020	1	LAMP GP-DOME	143
PULLER-FUSE	202-4327	1	BATTERY & WIRING GP	122
TUBE-FLASH (3 PRONG CONNECTION) (WARNING BEACON)	127-8158	1	LAMP GP-WARNING BEACON	147
TUBE-FLASH (8 PRONG CONNECTION) (WARNING BEACON)	198-0315	1	LAMP GP-WARNING BEACON	147
FRAME AND BODY				
CAP AS (DUST) (RADIATOR FILLER DOOR)	155-9321	1	GUARD GP-RADIATOR	247
FITTING-GREASE (1/8-27 THD) (CASE & FRAME)	3B-8489	2	CASE & FRAME GP	234
PLUG (CASE DRAIN)	106-8187	1	CASE & FRAME GP	234
SEAL-O-RING (CASE DRAIN PLUG)	6F-0711	1	CASE & FRAME GP	234

MAINTENANCE PARTS

DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE
FUEL SYSTEM				
CAP AS-FUEL TANK (VENTED LOCKING)	7X-7700	1	TANK GP-FUEL	112
FILTER AS-FUEL (SECONDARY)	1R-0762	1	LINES GP-FUEL FILTER	106
FILTER ELEMENT-FUEL (PRIMARY)	146-6695	1	FILTER GP-WATER SEP & FUEL	103
GASKET (FUEL PRIMING PUMP)	1P-0436	2	FILTER GP-WATER SEP & FUEL	103
STRAINER-FUEL (TANK FILLER)	9P-7121	1	TANK GP-FUEL	112
VALVE-DRAIN (FUEL FILTER)	179-9348	1	LINES GP-FUEL FILTER	106
VALVE-DRAIN (FUEL) (FILTER)	141-8275	1	LINES GP-FUEL FILTER	106
HYDRAULIC SYSTEM				
CAP-DUST (CONTROL VALVE FLUID SAMPLING)	8C-3451	1	MOUNTING GP-VALVE	392
CAP-DUST (DIAGNOSTICS PANEL)	6V-0852	9	LINES GP-HYDRAULIC	365
	187-9008	2	LINES GP-HYDRAULIC	365
CAP-DUST (HYDRAULIC PUMP)	6V-0852	2	LINES GP-PUMP	378
CAP-FILLER (HYDRAULIC TANK)	7H-1447	1	TANK & FILTER GP-HYDRAULIC	396
FILTER AS-OIL (HYDRAULIC)(HIGH EFFICIENCY)	144-0832	1	FILTER GP-OIL	358
FILTER (CONTROL VALVE)	4T-4520	1	VALVE GP-CONTROL	403
		1	VALVE GP-CONTROL	405
		1	VALVE GP-CONTROL	407
		1	VALVE GP-CONTROL	409
		1	VALVE GP-CONTROL	411
		1	VALVE GP-CONTROL	413
FILTER ELEMENT AS-OIL (HYDRAULIC) (CLEANOUT/HIGH EFFICIENCY)	139-1537	1	TANK & FILTER GP-HYDRAULIC	396
FILTER ELEMENT AS-OIL (HYDRAULIC/REVERSE FLOW) (DISPOSABLE)	1R-0735	1	TANK & FILTER GP-HYDRAULIC	396
FILTER ELEMENT AS-OIL (REVERSE FLOW) (HYDRAULIC FIRE RESISTANT FLUID)	104-6931	1	TANK & FILTER GP-HYDRAULIC	396
FILTER-SPIN-ON (HYDRAULIC)	9T-8578	1	FILTER GP-OIL	358
FITTING-GREASE (1/8-27 THD) (ANGLE & TILT CYLINDERS)	3B-8489	8	LINES GP-ANGLE & TILT	361
FITTING-GREASE (1/8-27 THD) (BULLDOZER LIFT CYLINDER)	3B-8489	1	CYLINDER GP-LIFT	350
PLUG-DRAIN (HYDRAULIC TANK)	9J-7031	1	TANK & FILTER GP-HYDRAULIC	396
SCREEN AS (HYDRAULIC TANK)	3G-3267	1	TANK & FILTER GP-HYDRAULIC	396
STRAINER (HYDRAULIC TANK)	9J-3047	1	TANK & FILTER GP-HYDRAULIC	396
IMPLEMENTS				
FITTING-GREASE (1/8-27 THD) (PITCH LINK)	3B-8489	2	LINK GP-PITCH	423
LUBRICATION SYSTEM				
BREATHING AS (ENGINE)	2W-9162	1	BREATHING GP	65
CAP-DUST (TURBO OIL SAMPLING VALVE)	8C-3445	1	LINES GP-TURBOCHARGER OIL	72
CAP-FILLER (ENGINE OIL)	4W-3087	1	FILLER GP-ENGINE OIL	66
FILTER AS-ENGINE OIL	1R-0739	1	FILTER GP-ENGINE OIL	67
HOSE-DISPOSAL (FUMES)	4W-2181	1	FUMES DISPOSAL GP	68
SEAL-O-RING (ENGINE BREATHING)	4L-9564	1	BREATHING GP	65

MAINTENANCE PARTS

DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE
OPERATOR STATION				
BLADE AS-WIPER (LH CAB DOOR)	125-8175	1	DOOR GP-CAB	468
BLADE AS-WIPER (REAR) (WINDOW)	5C-8811	1	WIPER GP-WINDOW	547
BLADE AS-WIPER (RH CAB DOOR)	125-8175	1	DOOR GP-CAB	466
BLADE AS-WIPER (WINDSHIELD)	125-8175	1	WIPER GP-WINDOW	547
CAP AS (AIR CONDITIONER)	3E-4052	1	INSTALLATION GP-LINES	479
CAP (WINDOW WASHER TANK)	209-4482	1	TANK GP-WINDOW WASHER	543
FILTER AS (CAB AIR)	3E-7904	2	PRESSURIZER GP-CAB	510
FILTER AS (CAB PRESSURIZER)	7G-8116	2	PRESSURIZER GP-CAB	510
FILTER-CHARCOAL (CAB PRESSURIZER)	141-7903	1	PRESSURIZER GP-CAB	510
FITTING-GREASE (CAB PRESSURIZER)	3B-8489	1	PRESSURIZER GP-CAB	510
FITTING-GREASE (1/8-27 THD) (OPERATOR PLATFORM)	3B-8489	1	PLATFORM GP-OPERATOR	507
KNOB (FILTER COVER)	3W-6756	2	PRESSURIZER GP-CAB	510
LAMP (24 VOLT) (ACTION LAMP)	115-1748	1	PANEL GP-INSTRUMENT	499
		1	PANEL GP-INSTRUMENT	503
LAMP (24 VOLT) (INSTRUMENT)	123-9294	2	PANEL GP-INSTRUMENT	499
LAMP (24 VOLT) (INSTRUMENT LIGHTS)	123-9294	2	PANEL GP-INSTRUMENT	503
LAMP (24 VOLT) (QUAD GAUGE)	7N-5876	2	PANEL GP-INSTRUMENT	503
LAMP (24 VOLT) (QUAD GAUGE)	7N-5876	2	PANEL GP-INSTRUMENT	499
LIGHT-DASH PANEL	159-9257	1	PANEL GP-INSTRUMENT	499
		1	PANEL GP-INSTRUMENT	503
RECEIVER-DRYER GP (REFRIGERANT)	3E-3535	1	LINES GP-AIR CONDITIONER	485
SEAT BELT GP	222-0345	1	SEAT GP	527
SEAT BELT GP (SUSPENSION SEAT)	183-3648	1	SEAT GP	524
SEAT BELT GP (SUSPENSION SEAT LOW BACK)	8Y-4030	1	SEAT GP-SUSPENSION	534

MAINTENANCE PARTS

DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE
POWER TRAIN				
BREATHER AS (POWER TRAIN OIL LINES)	185-6684	1	LINES GP-POWER TRAIN OIL	200
CAP AS-OIL FILLER (POWER TRAIN)	2W-6225	1	LINES GP-POWER TRAIN OIL	200
CAP-DUST (POWER TRAIN OIL SAMPLE VALVE)	8C-3447	1	LINES GP-POWER TRAIN OIL	200
CAP-DUST (TRANSMISSION FITTINGS)	6V-0852	6	PLANETARY GP-TRANSMISSION	207
FILTER ELEMENT AS-OIL (POWER TRAIN)	132-8876	1	FILTER GP-OIL	197
FILTER ELEMENT AS-OIL (POWER TRAIN - HIGH EFFICIENCY)	132-8876	1	LINES GP-POWER TRAIN OIL	201
FILTER-MAGNETIC (POWER TRAIN OIL)	8S-9129	1	LINES GP-POWER TRAIN OIL	200
PLUG-DRAIN (TORQUE CONVERTER)	4B-7739	1	MOUNTING GP-TORQUE CONVERTER	203
PLUG (FINAL DRIVE DRAIN)	9S-4185	1	FINAL DRIVE GP	198
PLUG-MAGNETIC (FINAL DRIVE)	6V-0439	1	FINAL DRIVE GP	198
PLUG (TORQUE CONVERTER DRAIN)	9S-4185	2	TORQUE CONVERTER GP	220
	9S-4188	1	TORQUE CONVERTER GP	220
PLUG (TRANSMISSION DRAIN)	9S-4188	1	PLANETARY GP-TRANSMISSION	206
	9S-4190	2	PLANETARY GP-TRANSMISSION	206
SCREEN AS (TORQUE CONVERTER SCAVENGE)	3T-6471	1	TORQUE CONVERTER GP	220
SCREEN-SUCTION (POWER TRAIN OIL LINES)	8S-9130	1	LINES GP-POWER TRAIN OIL	200
SEAL-O-RING (FINAL DRIVE DRAIN PLUG)	3K-0360	1	FINAL DRIVE GP	198
SEAL-O-RING (FINAL DRIVE MAGNETIC PLUG)	2S-4078	1	FINAL DRIVE GP	198
SEAL-O-RING (POWER TRAIN FILTER)	5P-3620	1	FILTER GP-OIL	197
SEAL-O-RING (TORQUE CONVERTER DRAIN PLUG)	3K-0360	2	TORQUE CONVERTER GP	220
	4K-1388	1	TORQUE CONVERTER GP	220
SEAL-O-RING (TRANSMISSION DRAIN PLUG)	2M-9780	2	PLANETARY GP-TRANSMISSION	206
	4K-1388	1	PLANETARY GP-TRANSMISSION	206
STEERING AND BRAKING SYSTEM				
CAP-DUST (STEERING VALVES)	6V-0852	3	LINES GP-STEERING	308
FILTER AS-OIL (HYDRAULIC)	1G-8878	1	FILTER GP-OIL	305
UNDERCARRIAGE				
FITTING-GREASE (EQUALIZER BAR)	3B-8489	2	BAR GP-EQUALIZER	266
WORK TOOLS				
FITTING-GREASE (ANGLING BULLDOZER BLADE)	3B-8489	2	BLADE GP-ANGLING	431
FITTING-GREASE (1/8-27 THD) (RIPPER)	3B-8489	11	RIPPER GP	437

PIÈCES DE RECHANGE

DESCRIPTION	NUMÉRO DE PIÈCES	QTÉ	DOMAINE D'APPLICATION	PAGE
CHÂSSIS ET BENNE				
BOUCHON FILETÉ (RETOUR AU CARTER)	106-8187	1	CHÂSSIS ET CARTER (ASS)	234
CHAPEAU (ENS) (POUSSIÈRE) (PORTE DE REMPLISSAGE DE RADIATEUR)	155-9321	1	PROTÈGE-RADIATEUR (ASS)	247
GRAISSEUR (FILET 1/8-27) (CARTER ET BÂTI)	3B-8489	2	CHÂSSIS ET CARTER (ASS)	234
JOINT TORIQUE (BOUCHON DE VIDANGE DE CARTER)	6F-0711	1	CHÂSSIS ET CARTER (ASS)	234
CIRCUIT D'ADMISSION D'AIR ET D'ÉCHAPPEMENT				
ÉLÉMENT DE FILTRE À AIR (ENS) (PRINCIPAL)	6I-2501	1	FILTRE A AIR (ASS)	91
ÉLÉMENT DE FILTRE À AIR (ENS) (SECONDAIRE)	6I-2502	1	FILTRE A AIR (ASS)	91
CIRCUIT DE CARBURANT				
BOUCHON DE RÉSERVOIR DE CARBURANT (ENS) (VERROUILLAGE AÉRÉ)	7X-7700	1	RÉSERVOIR DE CARBURANT (ASS)	112
ÉLÉMENT DE FILTRE À CARBURANT (PRINCIPAL)	146-6695	1	FILTRE DE SÉPARATEUR D'EAU ET DE CARBURANT (ASS)	103
FILTRE A CARBURANT (ENS) (AUXILIAIRE)	1R-0762	1	CANALISATIONS DU FILTRE A CARBURANT (ASS)	106
FILTRE À CARBURANT (REMPLISSAGE DU RÉSERVOIR)	9P-7121	1	RÉSERVOIR DE CARBURANT (ASS)	112
JOINT PLAT (POMPE D'AMORÇAGE DE CARBURANT)	1P-0436	2	FILTRE DE SÉPARATEUR D'EAU ET DE CARBURANT (ASS)	103
SOUPAPE DE VIDANGE (CARBURANT) (FILTRE)	141-8275	1	CANALISATIONS DU FILTRE A CARBURANT (ASS)	106
SOUPAPE DE VIDANGE (FILTRE À CARBURANT)	179-9348	1	CANALISATIONS DU FILTRE A CARBURANT (ASS)	106
CIRCUIT DE DÉMARRAGE ET ÉLECTRIQUE				
AMPOULE (24 VOLTS) (CONTACTEUR À BASCULE D'ACCÉLÉRATEUR)	3E-8825	2	CABLAGE - PLATE-FORME (ASS)	187
AMPOULE (24 VOLTS) (GYROPHARE)	3E-8825	1	ÉCLAIRAGE - GYROPHARE (ASS)	150
AMPOULE (24 VOLTS) (PLAFONNIER)	7N-9943	1	PLAFONNIER (ASS)	143
BATTERIE (SANS ENTRETIEN)(12 VOLTS) (GRANDE CAPACITÉ)	153-5700	2	BATTERIE (ASS)	124
BATTERIE (12 VOLTS)	9X-3404	2	BATTERIE ET CÂBLAGE	122
BROSSE D'ALTERNATEUR (ENS)	3E-5459	2	ALTERNATEUR DE CHARGE (ASS)	116
		2	ALTERNATEUR DE CHARGE (ASS)	118
CHAPEAU ANTI-POUSSIÈRE (RÉCHAUFFEUR D'EAU)	133-6517	1	EAU DES CHEMISES - RECHAUFFEUR (ASS)	136
		1	EAU DES CHEMISES - RECHAUFFEUR (ASS)	137
CLÉ (COUPE-BATTERIE)	8H-5306	1	ROBINET DE BATTERIE (ASS)	176
DISJONCTEUR (ENS) (80 A) (DISJONCTEUR PRINCIPAL DE LA MACHINE)	171-2210	1	DISJONCTEUR DU PANNEAU DE COMMANDE (ASS)	151

* TRADUCTION NON DISPONIBLE AU MOMENT DE LA PUBLICATION

PIÈCES DE RECHANGE

DESCRIPTION	NUMÉRO DE PIÈCES	QTÉ	DOMAINE D'APPLICATION	PAGE
ÉLÉMENT DU RÉCHAUFFEUR D'EAU DES CHEMISES (ENS) (120 VOLTS/1000 WATTS)	124-0686	1	EAU DES CHEMISES - RECHAUFFEUR (ASS)	137
ÉLÉMENT DU RÉCHAUFFEUR D'EAU DES CHEMISES (ENS) (240 V/1000 WATTS)	124-0687	1	EAU DES CHEMISES - RECHAUFFEUR (ASS)	136
EXTRACTEUR DE FUSIBLE	202-4327	1	BATTERIE ET CÂBLAGE	122
FUSIBLE (10A)	9W-1442	9	DISJONCTEUR DU PANNEAU DE COMMANDE (ASS)	151
FUSIBLE (15A)	9W-1441	8	DISJONCTEUR DU PANNEAU DE COMMANDE (ASS)	151
FUSIBLE (20 A)	9W-1446	3	DISJONCTEUR DU PANNEAU DE COMMANDE (ASS)	151
LAMPE-DIODE (LED) (GYROPHARE)	165-5674	1	ÉCLAIRAGE - GYROPHARE (ASS)	150
LAMPE (ENS) (12 VOLTS) (TÉMOIN LUMINEUX PRINCIPAL ROUGE/ VERT)	165-5655	1	MONTAGE-SÉCURITÉ (ASS)	141
LAMPE HALOGÈNE (24 VOLTS)(65 WATTS) (PROJECTEUR)	9X-3463	1	MONTAGE-SÉCURITÉ (ASS)	142
		1	LAMPE - PHARE (ASS)	144
		1	LAMPE - PHARE (ASS)	145
		1	LAMPE - PHARE (ASS)	146
LENTILLE (ENS) (PROJECTEUR)	202-6611	1	LAMPE - PHARE (ASS)	146
LENTILLE (ENS) (PROJECTEUR) (ROPS)	202-6611	1	LAMPE - PHARE (ASS)	145
	202-6614	1	LAMPE - PHARE (ASS)	144
LENTILLE (GYROPHARE JAUNE)	198-0316	1	LAMPE - GYROPHARE (ASS)	147
LENTILLE (PLAFONNIER)	7T-0020	1	PLAFONNIER (ASS)	143
PORTE-BALAIS (ENS) (ALTERNATEUR)	3E-5460	1	ALTERNATEUR DE CHARGE (ASS)	116
		1	ALTERNATEUR DE CHARGE (ASS)	118
TUBE-FLASH (CONNEXION À 3 BROCHES) (GYROPHARE)	127-8158	1	LAMPE - GYROPHARE (ASS)	147
TUBE-FLASH (CONNEXION À 8 BROCHES) (GYROPHARE)	198-0315	1	LAMPE - GYROPHARE (ASS)	147
CIRCUIT DE DIRECTION ET DE FREIN				
FILTRE À HUILE (ENS) (HYDRAULIQUE)	1G-8878	1	FILTRE A HUILE (ASS)	305
PARE-POUSSIÈRE (SOUPAPES DE DIRECTION)	6V-0852	3	CANALISATIONS DE DIRECTION (ASS)	308

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PIÈCES DE RECHANGE

DESCRIPTION	NUMÉRO DE PIÈCES	QTÉ	DOMAINE D'APPLICATION	PAGE
CIRCUIT DE GRAISSAGE				
BOUCHON DE GOULOTTE DE REMPLISSAGE (HUILE MOTEUR)	4W-3087	1	BOUCHON DE REMPLISSAGE D'HUILE MOTEUR (ASS)	66
FILTRE A HUILE MOTEUR (ENS)	1R-0739	1	FILTRE À HUILE MOTEUR (ASS)	67
JOINT TORIQUE (RENIFLARD DE MOTEUR)	4L-9564	1	RENIFLARD (ASS)	65
PARE-POUSSIÈRE (ROBINET DE PRÉLÈVEMENT D'HUILE DE TURBOCOMPRESSEUR)	8C-3445	1	CANALISATIONS D'HUILE DE TURBOCOMPRESSEUR (ASS)	72
RENIFLARD (ENS) (MOTEUR)	2W-9162	1	RENIFLARD (ASS)	65
TUYAU D'ÉCHAPPEMENT (VAPEURS)	4W-2181	1	DISPOSITIF D'ÉVACUATION DES VAPEURS DE CARTER	68
CIRCUIT DE REFROIDISSEMENT				
BOUCHON DE RADIATEUR (ENS) (DÉCHARGE DE PRESSION)	031-1119	1	RADIATEUR (ASS)	89
FILTRE -EAU (POMPE À EAU)	119-3025	1	POMPE A EAU (ASS)	85
FLEXIBLE (RADIATEUR INFÉRIEUR)	198-1663	1	RADIATEUR (ASS)	87
FLEXIBLE (RADIATEUR SUPÉRIEUR)	214-6738	1	RADIATEUR (ASS)	87
JOINT DE RÉGULATEUR D'EAU (TEMPÉRATURE DE LIQUIDE DE REFROIDISSEMENT)	136-0812	1	CANALISATIONS D'EAU (ASS)	82
PARE-POUSSIÈRE (ROBINET DE PRÉLÈVEMENT DE LIQUIDE DE REFROIDISSEMENT)	157-0670	1	CANALISATIONS D'EAU (ASS)	82
THERMOSTAT-TEMPÉRATURE D'EAU (94 DEG C) (LIQUIDE DE REFROIDISSEMENT)	126-5869	1	CANALISATIONS D'EAU (ASS)	82

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PIÈCES DE RECHANGE

DESCRIPTION	NUMÉRO DE PIÈCES	QTÉ	DOMAINE D'APPLICATION	PAGE
CIRCUIT HYDRAULIQUE				
BOUCHON DE GOULOTTE DE REMPLISSAGE (RÉSERVOIR HYDRAULIQUE)	7H-1447	1	RÉSERVOIR HYDRAULIQUE ET FILTRE (ASS)	396
BOUCHON DE VIDANGE (RÉSERVOIR HYDRAULIQUE)	9J-7031	1	RÉSERVOIR HYDRAULIQUE ET FILTRE (ASS)	396
CREPINE (RÉSERVOIR HYDRAULIQUE)	9J-3047	1	RÉSERVOIR HYDRAULIQUE ET FILTRE (ASS)	396
ÉCRAN (ENS) (RÉSERVOIR HYDRAULIQUE)	3G-3267	1	RÉSERVOIR HYDRAULIQUE ET FILTRE (ASS)	396
ÉLÉMENT DE FILTRE À HUILE (ENS) (DÉBIT HYDRAULIQUE/RETOUR DE DÉBIT) (JETABLE)	1R-0735	1	RÉSERVOIR HYDRAULIQUE ET FILTRE (ASS)	396
ÉLÉMENT DE FILTRE À HUILE (ENS) (HYDRAULIQUE) (NETTOYAGE/GRANDE EFFICACITÉ)	139-1537	1	RÉSERVOIR HYDRAULIQUE ET FILTRE (ASS)	396
ÉLÉMENT DE FILTRE À HUILE (ENS) (RETOUR DE DÉBIT) (LIQUIDE HYDRAULIQUE RÉSISTANT AU FEU)	104-6931	1	RÉSERVOIR HYDRAULIQUE ET FILTRE (ASS)	396
FILTRE À HUILE (ENS) (*HYDRAULIC)(HIGH EFFICIENCY)	144-0832	1	FILTRE A HUILE (ASS)	358
FILTRE A VISSER (HYDRAULIQUE)	9T-8578	1	FILTRE A HUILE (ASS)	358
FILTRE (DISTRIBUTEUR)	4T-4520	1	DISTRIBUTEUR (ASS)	403
		1	DISTRIBUTEUR (ASS)	405
		1	DISTRIBUTEUR (ASS)	407
		1	DISTRIBUTEUR (ASS)	409
		1	DISTRIBUTEUR (ASS)	411
		1	DISTRIBUTEUR (ASS)	413
GRAISSEUR (FILET 1/8-27) (VÉRIN DE LEVAGE DE BULLDOZER)	3B-8489	1	VÉRIN DE LEVAGE (ASS)	350
GRAISSEUR (FILET 1/8-27) (VÉRINS D'INCLINAISON ET D'ORIENTATION)	3B-8489	8	CANALISATIONS D'INCLINAISON ET D'ORIENTATION	361
PARE-POUSSIÈRE (PANNEAU DE DIAGNOSTICS)	6V-0852	9	CANALISATIONS HYDRAULIQUES (ASS)	365
	187-9008	2	CANALISATIONS HYDRAULIQUES (ASS)	365
PARE-POUSSIÈRE (POMPE HYDRAULIQUE)	6V-0852	2	CANALISATIONS DE POMPE (ASS)	378
PARE-POUSSIÈRE (PRÉLÈVEMENT DE LIQUIDE DE DISTRIBUTEUR)	8C-3451	1	MONTAGE DE SOUPAPE (ASS)	392
ÉQUIPEMENTS				
GRAISSEUR (FILET 1/8-27) (BIELLE D'INCLINAISON)	3B-8489	2	PAS DU MAILLON (ASS)	423

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PIÈCES DE RECHANGE

DESCRIPTION	NUMÉRO DE PIÈCES	QTÉ	DOMAINE D'APPLICATION	PAGE
MOTEUR STANDARD				
BOUCHON FILETÉ (VIDANGE D'HUILE MAGNÉTIQUE)	118-3619	1	VIDANGE-HUILE DE MOTEUR (ASS)	33
COURROIE (AVEC CLIMATISEUR MARCHÉ EUROPÉEN)	202-3197	1	COURROIE (ASS)	7
COURROIE (AVEC CLIMATISEUR MARCHÉ NORD-AMÉRICAIN)	215-3015	1	COURROIE (ASS)	8
COURROIE (SANS CLIMATISEUR MARCHÉ NORD-AMÉRICAIN)	191-5215	1	COURROIE (ASS)	6
OUTILS DE TRAVAIL				
GRAISSEUR (FILET 1/8-27) (RIPPER)	3B-8489	11	RIPPER (ASS)	437
GRAISSEUR (LAME DE BULLDOZER ORIENTABLE)	3B-8489	2	LAME À ORIENTATION (ASS)	431

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PIÈCES DE RECHANGE

DESCRIPTION	NUMÉRO DE PIÈCES	QTÉ	DOMAINE D'APPLICATION	PAGE
POSTE DE CONDUITE				
AMPOULE (24 VOLTS) (ÉCLAIRAGE D'INSTRUMENTS)	123-9294	2	TABLEAU DE BORD (ASS)	503
AMPOULE (24 VOLTS) (INSTRUMENT)	123-9294	2	TABLEAU DE BORD (ASS)	499
AMPOULE (24 VOLTS) (QUATRE INSTRUMENTS)	7N-5876	2	TABLEAU DE BORD (ASS)	499
		2	TABLEAU DE BORD (ASS)	503
AMPOULE (24 VOLTS) (VOYANT PRINCIPAL)	115-1748	1	TABLEAU DE BORD (ASS)	499
		1	TABLEAU DE BORD (ASS)	503
BALAI D'ESSUIE-GLACE (ENS) (ARRIÈRE) (GLACE)	5C-8811	1	ESSUIE-GLACE (ASS)	547
BALAI D'ESSUIE-GLACE (ENS) (PARE-BRISE)	125-8175	1	ESSUIE-GLACE (ASS)	547
BALAI D'ESSUIE-GLACE (ENS) (PORTE DE CABINE DE DROITE)	125-8175	1	PORTIÈRE DE CABINE (ASS)	466
BALAI D'ESSUIE-GLACE (ENS) (PORTE DE CABINE DE GAUCHE)	125-8175	1	PORTIÈRE DE CABINE (ASS)	468
BOUTON (COUVERCLE DE FILTRE)	3W-6756	2	SURPRESSEUR (ASS)	510
CEINTURE DE SECURITE (ASS)	222-0345	1	SIÈGE (ASS)	527
CEINTURE DE SECURITE (ASS) (SIEGE A SUSPENSION)	183-3648	1	SIÈGE (ASS)	524
CEINTURE DE SECURITE (ASS) (SIÈGE À SUSPENSION À DOSSIER BAS)	8Y-4030	1	SIÈGE AVEC SUSPENSION (ASS)	534
CHAPEAU (ENS) (CLIMATISEUR)	3E-4052	1	CANALISATIONS DE MONTAGE (ASS)	479
CHAPEAU (RÉSERVOIR DE LAVE-GLACE DE VITRE)	209-4482	1	RÉSERVOIR - LAVE-GLACE (ASS)	543
ECLAIRAGE TABLEAU DE BORD	159-9257	1	TABLEAU DE BORD (ASS)	499
		1	TABLEAU DE BORD (ASS)	503
FILTRE-CHARBON (SURPRESSEUR DE CABINE)	141-7903	1	SURPRESSEUR (ASS)	510
FILTRE (ENS) (AÉRATION DE LA CABINE)	3E-7904	2	SURPRESSEUR (ASS)	510
FILTRE (ENS) (SURPRESSEUR DE CABINE)	7G-8116	2	SURPRESSEUR (ASS)	510
GRAISSEUR (FILET 1/8-27) (PLATE-FORME DE CABINE)	3B-8489	1	PLATE-FORME DE CABINE	507
GRAISSEUR (SURPRESSEUR DE CABINE)	3B-8489	1	SURPRESSEUR (ASS)	510
RÉCEPTEUR-DÉSHYDRATEUR (ASS) (RÉFRIGÉRANT)	3E-3535	1	CANALISATIONS DE CLIMATISEUR (ASS)	485
TRAIN DE ROULEMENT				
GRAISSEUR (BALANCIER DE SUSPENSION)	3B-8489	2	BALANCIER DE SUSPENSION (ASS)	266

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PIÈCES DE RECHANGE

DESCRIPTION	NUMÉRO DE PIÈCES	QTÉ	DOMAINE D'APPLICATION	PAGE
TRANSMISSION				
BOUCHON AIMANTÉ (RÉDUCTEUR)	6V-0439	1	RÉDUCTEURS (ASS)	198
BOUCHON DE GOULOTTE DE REMPLISSAGE D'HUILE MOTEUR (TRANSMISSION)	2W-6225	1	CANALISATIONS D'HUILE DE TRANSMISSION (ASS)	200
BOUCHON DE VIDANGE (CONVERTISSEUR DE COUPLE)	4B-7739	1	CONVERTISSEUR DE COUPLE - MONTAGE (ASS)	203
BOUCHON FILETÉ (VIDANGE DE BOÎTE DE VITESSES)	9S-4190	2	BOÎTE PLANÉTAIRE (ASS)	206
	9S-4188	1	BOÎTE PLANÉTAIRE (ASS)	206
BOUCHON FILETÉ (VIDANGE DE CONVERTISSEUR DE COUPLE)	9S-4185	2	CONVERTISSEUR DE COUPLE (ASS)	220
	9S-4188	1	CONVERTISSEUR DE COUPLE (ASS)	220
BOUCHON FILETÉ (VIDANGE DE RÉDUCTEUR)	9S-4185	1	RÉDUCTEURS (ASS)	198
ÉCRAN (ENS) (GAVAGE DU CONVERTISSEUR DE COUPLE)	3T-6471	1	CONVERTISSEUR DE COUPLE (ASS)	220
ÉCRAN MAGNÉTIQUE (HUILE DE TRANSMISSION)	8S-9129	1	CANALISATIONS D'HUILE DE TRANSMISSION (ASS)	200
ÉLÉMENT DE FILTRE À HUILE (ENS) (*POWER TRAIN - HIGH EFFICIENCY)	132-8876	1	CANALISATIONS D'HUILE DE TRANSMISSION (ASS)	201
ÉLÉMENT DE FILTRE À HUILE (ENS) (TRANSMISSION)	132-8876	1	FILTRE A HUILE (ASS)	197
JOINT TORIQUE (BOUCHON DE VIDANGE DE BOÎTE DE VITESSES)	2M-9780	2	BOÎTE PLANÉTAIRE (ASS)	206
	4K-1388	1	BOÎTE PLANÉTAIRE (ASS)	206
JOINT TORIQUE (BOUCHON DE VIDANGE DE CONVERTISSEUR DE COUPLE)	3K-0360	2	CONVERTISSEUR DE COUPLE (ASS)	220
	4K-1388	1	CONVERTISSEUR DE COUPLE (ASS)	220
JOINT TORIQUE (BOUCHON DE VIDANGE D'ENTRAÎNEMENT DE RÉDUCTEUR)	3K-0360	1	RÉDUCTEURS (ASS)	198
JOINT TORIQUE (BOUCHON MAGNÉTIQUE D'ENTRAÎNEMENT DE RÉDUCTEUR)	2S-4078	1	RÉDUCTEURS (ASS)	198
JOINT TORIQUE (FILTRE DE TRANSMISSION)	5P-3620	1	FILTRE A HUILE (ASS)	197
PARE-POUSSIÈRE (RACCORDS DE BOÎTE DE VITESSES)	6V-0852	6	BOÎTE PLANÉTAIRE (ASS)	207
PARE-POUSSIÈRE (ROBINET DE PRÉLÈVEMENT D'HUILE DE TRANSMISSION)	8C-3447	1	CANALISATIONS D'HUILE DE TRANSMISSION (ASS)	200
RENIFLARD (ENS) (CANALISATIONS D'HUILE DE TRANSMISSION)	185-6684	1	CANALISATIONS D'HUILE DE TRANSMISSION (ASS)	200
TAMIS D'ASPIRATION (CANALISATIONS D'HUILE DE TRANSMISSION)	8S-9130	1	CANALISATIONS D'HUILE DE TRANSMISSION (ASS)	200

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PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
BASTIDOR Y CAJA				
CONEXIÓN DE ENGRASE (ROSCA DE 1/8-27) (CAJA Y BASTIDOR)	3B-8489	2	CAJA Y BASTIDOR (GR)	234
SELLO ANULAR (TAPÓN DE DRENAJE DE LA CAJA)	6F-0711	1	CAJA Y BASTIDOR (GR)	234
TAPÓN (CONJ) (POLVO) (PUERTA PARA EL LLENADO DE RADIADOR)	155-9321	1	PROTECTOR DEL RADIADOR (GR)	247
TAPÓN (DRENAJE DE LA CAJA)	106-8187	1	CAJA Y BASTIDOR (GR)	234

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PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
CABINA DEL OPERADOR				
CINTURÓN DE SEGURIDAD (GR)	222-0345	1	ASIENTO (GR)	527
CINTURÓN DE SEGURIDAD (GR) (ASIENTO DE SUSPENSION)	183-3648	1	ASIENTO (GR)	524
CINTURÓN DE SEGURIDAD (GR) (*SUSPENSION SEAT LOW BACK)	8Y-4030	1	SUSPENSIÓN - ASIENTO CON (GR)	534
CONEXIÓN DE ENGRASE (CABINA PRESURIZADA)	3B-8489	1	PRESURIZADOR (GR)	510
CONEXIÓN DE ENGRASE (ROSCA DE 1/8-27) (PLATAFORMA DEL OPERADOR)	3B-8489	1	PLATAFORMA DE LA CABINA	507
FILTRO-CARBON (CABINA PRESURIZADA)	141-7903	1	PRESURIZADOR (GR)	510
FILTRO (CONJ) (AIRE DE LA CABINA)	3E-7904	2	PRESURIZADOR (GR)	510
FILTRO (CONJ) (CABINA PRESURIZADA)	7G-8116	2	PRESURIZADOR (GR)	510
HOJA DE LIMPIAPARABRISAS (CONJ) (PARABRISAS)	125-8175	1	LIMPIAPARABRISAS DE LA VENTANA (GR)	547
HOJA DE LIMPIAPARABRISAS (CONJ) (PUERTA DE LA CABINA LADO DERECHO)	125-8175	1	PUERTA DE CABINA	466
HOJA DE LIMPIAPARABRISAS (CONJ) (PUERTA DE LA CBINA, LADO IZQUIERDO)	125-8175	1	PUERTA DE CABINA	468
HOJA DE LIMPIAPARABRISAS (CONJ) (TRASERO) (VENTANA)	5C-8811	1	LIMPIAPARABRISAS DE LA VENTANA (GR)	547
LÁMPARA (24 VOLTIOS) (DE CUATRO MEDIDORES)	7N-5876	2	TABLERO DE INSTRUMENTOS (GR)	503
LÁMPARA (24 VOLTIOS) (INSTRUMENTO)	123-9294	2	TABLERO DE INSTRUMENTOS (GR)	499
LÁMPARA (24 VOLTIOS) (LUCES DE INSTRUMENTOS)	123-9294	2	TABLERO DE INSTRUMENTOS (GR)	503
LÁMPARA (24 VOLTIOS) (LUZ DE TRABAJO)	115-1748	1	TABLERO DE INSTRUMENTOS (GR)	503
LÁMPARA (24 VOLTIOS) (*QUAD GUAGE)	7N-5876	2	TABLERO DE INSTRUMENTOS (GR) TABLERO DE INSTRUMENTOS (GR)	499 499
LUZ DE TABLERO DE INSTRUMENTOS	159-9257	1	TABLERO DE INSTRUMENTOS (GR)	499
PERILLA (TAPA DEL FILTRO)	3W-6756	2	TABLERO DE INSTRUMENTOS (GR) PRESURIZADOR (GR)	503 510
RECEPTOR-SECADOR (GR) (REFRIGERANTE)	3E-3535	1	TUBERÍAS DE ACONDICIONADOR DE AIRE (GR)	485
TAPA (TANQUE DE LIMPIPARABRISA)	209-4482	1	TANQUE DEL LAVAPARABRISAS (GR)	543
TAPÓN (CONJ) (ACONDICIONADOR DE AIRE)	3E-4052	1	GRUPO DE INSTALACIÓN, TUBERIAS	479
HERRAMIENTAS				
CONEXIÓN DE ENGRASE (ANGULO, HOJA TOPADORA)	3B-8489	2	HOJA ORIENTABLE (GR)	431
CONEXIÓN DE ENGRASE (ROSCA DE 1/8-27) (DESGARRADOR)	3B-8489	11	DESGARRADOR (GR)	437

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PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
IMPLEMENTOS				
CONEXIÓN DE ENGRASE (ROSCA DE 1/8-27) (*PITCH LINK)	3B-8489	2	ESLABÓN - PASO (GR)	423
MOTOR BÁSICO				
CORREA (SIN ACONDICIONADOR DE AIRE, MERCADO DE NORTEAMERICA)	191-5215	1	CORREA (GR)	6
CORREA (*WITH A/C EUROPEAN MARKET)	202-3197	1	CORREA (GR)	7
CORREA (*WITH A/C NORTH AMERICAN MARKET)	215-3015	1	CORREA (GR)	8
TAPÓN (DRENAJE MAGNETIZADO DE ACEITE)	118-3619	1	DRENAJE DEL ACEITE DE MOTOR	33
SISTEMA DE ADMISIÓN Y ESCAPE DE AIRE				
ELEMENTO DEL FILTRO DE AIRE (CONJ) (PRIMARIO)	6I-2501	1	FILTRO DE AIRE (GR)	91
ELEMENTO DEL FILTRO DE AIRE (CONJ) (SECUNDARIO)	6I-2502	1	FILTRO DE AIRE (GR)	91
SISTEMA DE COMBUSTIBLE				
COLADOR DE COMBUSTIBLE (LLENADO DEL TANQUE)	9P-7121	1	COMBUSTIBLE - TANQUE DE (GR)	112
ELEMENTO DE FILTRO DE COMBUSTIBLE (PRIMARIO)	146-6695	1	FILTRO DE COMBUSTIBLE Y SEPARADOR DE AGUA (GR)	103
EMPAQUETADURA (BOMBA DE CEBADO DE COMBUSTIBLE)	1P-0436	2	FILTRO DE COMBUSTIBLE Y SEPARADOR DE AGUA (GR)	103
FILTRO DE COMBUSTIBLE (CONJ) (SECUNDARIO(A))	1R-0762	1	TUBERÍAS DEL FILTRO DE COMBUSTIBLE	106
TAPA DEL TANQUE DE COMBUSTIBLE (CONJ) (RESPIRADERO CON TRABA)	7X-7700	1	COMBUSTIBLE - TANQUE DE (GR)	112
VÁLVULA DE DRENAJE (COMBUSTIBLE) (FILTRO)	141-8275	1	TUBERÍAS DEL FILTRO DE COMBUSTIBLE	106
VÁLVULA DE DRENAJE (FILTRO DE COMBUSTIBLE)	179-9348	1	TUBERÍAS DEL FILTRO DE COMBUSTIBLE	106
SISTEMA DE ENFRIAMIENTO				
EMPAQUETADURA, REGULADOR DE AGUA (TEMPERATURA DEL REFRIGERANTE)	136-0812	1	TUBERÍAS DEL AGUA (GR)	82
FILTRO DE AGUA (BOMBA DE AGUA)	119-3025	1	BOMBA DE AGUA (GR)	85
MANGUERA (RADIADOR INFERIOR)	198-1663	1	RADIADOR (GR)	87
MANGUERA (RADIADOR SUPERIOR)	214-6738	1	RADIADOR (GR)	87
REGULADOR DE TEMPERATURA DEL AGUA (94 GRADOS C) (REFRIGERANTE)	126-5869	1	TUBERÍAS DEL AGUA (GR)	82
TAPA CONTRA EL POLVO (VÁLVULA DE MUESTREO DE REFRIGERANTE)	157-0670	1	TUBERÍAS DEL AGUA (GR)	82
TAPA DE RADIADOR (CONJ) (ALIVIO DE PRESIÓN)	031-1119	1	RADIADOR (GR)	89

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PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
SISTEMA DE FRENOS Y DIRECCIÓN				
FILTRO DE ACEITE (CONJ) (HIDRAULICO)	1G-8878	1	FILTRO DE ACEITE (GR)	305
TAPA CONTRA EL POLVO (VÁLVULAS DE SERVODIRECCIÓN)	6V-0852	3	TUBERÍAS DE DIRECCIÓN (GR)	308
SISTEMA DE LUBRICACIÓN				
FILTRO DE ACEITE DEL MOTOR (CONJ)	1R-0739	1	FILTRO DE ACEITE DEL MOTOR (GR)	67
RESPIRADERO (CONJ) (MOTOR)	2W-9162	1	RESPIRADERO (GR)	65
SELLO ANULAR (*ENGINE BREATHER)	4L-9564	1	RESPIRADERO (GR)	65
TAPA CONTRA EL POLVO (*TURBO OIL SAMPLING VALVE)	8C-3445	1	TURBOCOMPRESOR - TUBERÍAS DE ACEITE DEL (GR)	72
TAPA DEL TUBO DE LLENADO (ACEITE DEL MOTOR)	4W-3087	1	TUBO DE LLENADO DE ACEITE (GR)	66
TUBO DE ESCAPE (VAPORES)	4W-2181	1	ESCAPE DE GASES (GR)	68
SISTEMA ELÉCTRICO Y DE ARRANQUE				
BATERÍA (LIBRE DE MANTENIMIENTO)(12 VOLTIOS) (SERVICIO PESADO)	153-5700	2	BATERÍA (GR)	124
BATERÍA (12 VOLTIOS)	9X-3404	2	BATERÍA Y CABLES (GR)	122
CRISTAL (*AMBER WARNING BEACON)	198-0316	1	LÁMPARA DE BALIZA DE ADVERTENCIA (GR)	147
CRISTAL (LUZ DE TECHO)	7T-0020	1	LÁMPARA DEL TECHO (GR)	143
DISYUNTOR (CONJ) (80 AMP) (PRINCIPAL DE MAQUINA)	171-2210	1	PANEL DE DISYUNTORES (GR)	151
ELEMENTO DEL CALENTADOR DEL AGUA DE LAS CAMISAS (120 VOLTIOS/1000 VATIOS)	124-0686	1	AGUA DE LAS CAMISAS - CALENTADOR DEL (GR)	137
ELEMENTO DEL CALENTADOR DEL AGUA DE LAS CAMISAS (240 VOLTIOS/1000 VATIOS)	124-0687	1	AGUA DE LAS CAMISAS - CALENTADOR DEL (GR)	136
ESCOBILLA DE ALTERNADOR (CONJ)	3E-5459	2	CARGA - ALTERNADOR DE (GR)	116
EXTRACTOR DE FUSIBLES	202-4327	1	CARGA - ALTERNADOR DE (GR)	118
FUSIBLE (10 A)	9W-1442	1	BATERÍA Y CABLES (GR)	122
FUSIBLE (15 A)	9W-1441	9	PANEL DE DISYUNTORES (GR)	151
FUSIBLE (20 A)	9W-1446	8	PANEL DE DISYUNTORES (GR)	151
LÁMPARA (CONJ) (12 VOLTIOS) (ROJA/VERDE LAMPARA DE DIODO)	165-5655	3	PANEL DE DISYUNTORES (GR)	151
LAMPARA DE DIODO (LED) (BALIZA GIRATORIA DE ADVERTENCIA)	165-5674	1	INSTALACION DE SEGURIDAD (GR)	142
LÁMPARA (24 VOLTIOS) (BALIZA GIRATORIA DE ADVERTENCIA)	3E-8825	1	LUZ DE BALIZA (GR)	150
LÁMPARA (24 VOLTIOS) (CÚPULA)	7N-9943	1	LUZ DE BALIZA (GR)	150
LÁMPARA (24 VOLTIOS) (INTERRUPTOR DE BALANCIN DE ACELERADOR)	3E-8825	1	LÁMPARA DEL TECHO (GR)	143
LLAVE (DESCONECTAR BATERIA)	8H-5306	2	CABLES DE LA PLATAFORMA (GR)	187
		1	DISYUNTOR (GR)	176

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PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
LUCES DE ALÓGENO (24 VOLTIOS)(65 VATIVOS) (REFLECTOR)	9X-3463	1	REFLECTOR (GR)	144
		1	REFLECTOR (GR)	145
		1	REFLECTOR (GR)	146
PORTAESCOBILLAS (CONJ) (ALTERNADOR)	3E-5460	1	CARGA - ALTERNADOR DE (GR)	116
		1	CARGA - ALTERNADOR DE (GR)	118
TAPA CONTRA EL POLVO (CONJ) (CALENTADOR DE AGUA DE LAS CAMISAS)	133-6517	1	AGUA DE LAS CAMISAS - CALENTADOR DEL (GR)	136
		1	AGUA DE LAS CAMISAS - CALENTADOR DEL (GR)	137
TUBO DESTELLADOR (*3 PRONG CONNECTION) (BALIZA GIRATORIA DE ADVERTENCIA)	127-8158	1	LÁMPARA DE BALIZA DE ADVERTENCIA (GR)	147
TUBO DESTELLADOR (*8 PRONG CONNECTION) (BALIZA GIRATORIA DE ADVERTENCIA)	198-0315	1	LÁMPARA DE BALIZA DE ADVERTENCIA (GR)	147
VIDRIO (CONJ) (FARO)	202-6611	1	REFLECTOR (GR)	146
VIDRIO (CONJ) (FARO) (ROPS)	202-6611	1	REFLECTOR (GR)	145
	202-6614	1	REFLECTOR (GR)	144

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PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
SISTEMA HIDRÁULICO				
COLADOR (TANQUE HIDRÁULICO)	9J -3047	1	TANQUE Y FILTRO HIDRÁULICOS (GR)	396
CONEXIÓN DE ENGRASE (ROSCA DE 1/8-27) (CILINDROS, ÁNGULO E INCLINACIÓN)	3B -8489	8	TUBERIAS DE INCLINACIÓN Y ORIENTACIÓN (GR)	361
CONEXIÓN DE ENGRASE (ROSCA DE 1/8-27) (HOJA TOPADORA, CILINDRO DE LEVANTAMIENTO)	3B -8489	1	CILINDRO DE LEVANTAMIENTO (GR)	350
ELEMENTO DE FILTRO DE ACEITE (CONJ) (FLUJO INVERSO) (FLUIDO HIDRÁULICO RESISTENTE AL FUEGO)	104 -6931	1	TANQUE Y FILTRO HIDRÁULICOS (GR)	396
ELEMENTO DE FILTRO DE ACEITE (CONJ) (HIDRAULICO) (LIMPIAR/ALTA EFICIENCIA)	139 -1537	1	TANQUE Y FILTRO HIDRÁULICOS (GR)	396
ELEMENTO DE FILTRO DE ACEITE (CONJ) (HIDRAULICO/FLUJO INVERSO) (DESECHABLE)	1R -0735	1	TANQUE Y FILTRO HIDRÁULICOS (GR)	396
FILTRO DE ACEITE (CONJ) (*HYDRAULIC)(HIGH EFFICIENCY)	144 -0832	1	FILTRO DE ACEITE (GR)	358
FILTRO ENROSCABLE (HIDRÁULICO)	9T -8578	1	FILTRO DE ACEITE (GR)	358
FILTRO (VÁLVULA DE CONTROL)	4T -4520	1	VÁLVULA DE CONTROL (GR)	403
		1	VÁLVULA DE CONTROL (GR)	405
		1	VÁLVULA DE CONTROL (GR)	407
		1	VÁLVULA DE CONTROL (GR)	409
		1	VÁLVULA DE CONTROL (GR)	411
		1	VÁLVULA DE CONTROL (GR)	413
PANTALLA (CONJ) (TANQUE HIDRÁULICO)	3G -3267	1	TANQUE Y FILTRO HIDRÁULICOS (GR)	396
TAPA CONTRA EL POLVO (BOMBA HIDRÁULICA)	6V -0852	2	BOMBA - TUBERÍAS DE (GR)	378
TAPA CONTRA EL POLVO (TABLERO DE DIAGNOSTICO)	6V -0852	9	TUBERÍAS HIDRÁULICAS (GR)	365
	187 -9008	2	TUBERÍAS HIDRÁULICAS (GR)	365
TAPA CONTRA EL POLVO (VÁLVULA DE CONTROL DE MUESTREO DE FLUIDO)	8C -3451	1	VÁLVULA - MONTAJE DE LA (GR)	392
TAPA DEL TUBO DE LLENADO (TANQUE HIDRÁULICO)	7H -1447	1	TANQUE Y FILTRO HIDRÁULICOS (GR)	396
TAPÓN DE DRENAJE (TANQUE HIDRÁULICO)	9J -7031	1	TANQUE Y FILTRO HIDRÁULICOS (GR)	396

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PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
TREN DE FUERZA				
ELEMENTO DE FILTRO DE ACEITE (CONJ) (*POWER TRAIN - HIGH EFFICIENCY)	132-8876	1	TUBERÍAS DE ACEITE DEL TREN DE FUERZA (GR)	201
ELEMENTO DE FILTRO DE ACEITE (CONJ) (TREN DE FUERZA)	132-8876	1	FILTRO DE ACEITE (GR)	197
FILTRO MAGNÉTICO (ACEITE DEL TREN DE FUERZA)	8S-9129	1	TUBERÍAS DE ACEITE DEL TREN DE FUERZA (GR)	200
PANTALLA (CONJ) (BARRIDO DE CONVERTIDOR DE PAR)	3T-6471	1	CONVERTIDOR DE PAR (GR)	220
REJILLA DE SUCCIÓN (TUBERIAS DE ACEITE DEL TREN DE FUERZA)	8S-9130	1	TUBERÍAS DE ACEITE DEL TREN DE FUERZA (GR)	200
RESPIRADERO (CONJ) (TUBERIAS DE ACEITE DEL TREN DE FUERZA)	185-6684	1	TUBERÍAS DE ACEITE DEL TREN DE FUERZA (GR)	200
SELLO ANULAR (FILTRO DEL TREN DE FUERZA)	5P-3620	1	FILTRO DE ACEITE (GR)	197
SELLO ANULAR (TAPÓN DE DRENAJE DE MANDO FINAL)	3K-0360	1	MANDO FINAL (GR)	198
SELLO ANULAR (TAPÓN DE DRENAJE DEL CONVERTIDOR DE PAR)	3K-0360	2	CONVERTIDOR DE PAR (GR)	220
	4K-1388	1	CONVERTIDOR DE PAR (GR)	220
SELLO ANULAR (TAPÓN DE DRENAJE, TRANSMISIÓN)	2M-9780	2	TRANSMISIÓN PLANETARIA (GR)	206
	4K-1388	1	TRANSMISIÓN PLANETARIA (GR)	206
SELLO ANULAR (TAPÓN MAGNÉTICO DEL MANDO FINAL)	2S-4078	1	MANDO FINAL (GR)	198
TAPA CONTRA EL POLVO (CONEXION DE TRANSMISION)	6V-0852	6	TRANSMISIÓN PLANETARIA (GR)	207
TAPA CONTRA EL POLVO (VÁLVULA DE MUESTREO DE ACEITE DEL TREN DE FUERZA)	8C-3447	1	TUBERÍAS DE ACEITE DEL TREN DE FUERZA (GR)	200
TAPA DEL TUBO DE LLENADO DE ACEITE (CONJ) (TREN DE FUERZA)	2W-6225	1	TUBERÍAS DE ACEITE DEL TREN DE FUERZA (GR)	200
TAPÓN DE DRENAJE (CONVERTIDOR DE PAR)	4B-7739	1	MONTAJE DEL CONVERTIDOR DE PAR (GR)	203
TAPÓN (DRENAJE DE LA TRANSMISION)	9S-4188	1	TRANSMISIÓN PLANETARIA (GR)	206
	9S-4190	2	TRANSMISIÓN PLANETARIA (GR)	206
TAPÓN (DRENAJE DE MANDO FINAL)	9S-4185	1	MANDO FINAL (GR)	198
TAPÓN (DRENAJE DEL CONVERTIDOR DE PAR)	9S-4185	2	CONVERTIDOR DE PAR (GR)	220
	9S-4188	1	CONVERTIDOR DE PAR (GR)	220
TAPÓN MAGNÉTICO (MANDO FINAL)	6V-0439	1	MANDO FINAL (GR)	198
TREN DE RODAJE				
CONEXIÓN DE ENGRASE (BARRA COMPENSADORA)	3B-8489	2	BARRA COMPENSADORA (GR)	266

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PEÇAS DE MANUTENÇÃO

DESCRIÇÃO	NÚMERO DE PEÇA	QUANT	UTILIZADA EM	PÁGINA
ACESSÓRIOS				
GRAXEIRA (ROSCA 1/8-27 POL) (ELO DO PASSO)	3B-8489	2	ELO DO PASSO	423
CHASSI E CARROCERIA				
GRAXEIRA (ROSCA 1/8-27 POL) (CAIXA E CHASSI)	3B-8489	2	CAIXA E CHASSI	234
RETENTOR DE ANEL-O (BUJÃO DE DRENAGEM DA CAIXA)	6F-0711	1	CAIXA E CHASSI	234
TAMPA (POEIRA) (PORTA DO BOCAL DE ENCHIMENTO DO RADIADOR)	155-9321	1	PROTETOR - RADIADOR	247
TAMPÃO (CAIXA DE DRENAGEM)	106-8187	1	CAIXA E CHASSI	234
FERRAMENTAS DE TRABALHO				
GRAXEIRA (LÂMINA INCLINÁVEL)	3B-8489	2	LÂMINA ANGULÁVEL	431
GRAXEIRA (ROSCA 1/8-27 POL) (RIPER)	3B-8489	11	RIPER	437
MATERIAL RODANTE				
GRAXEIRA (BARRA EQUALIZADORA)	3B-8489	2	BARRA DE SUSPENSÃO	266
MOTOR BÁSICO				
CORREIA (COM A/C MERCADO EUROPEU)	202-3197	1	CORREIA	7
CORREIA (COM A/C MERCADO NORTE-AMERICANO)	215-3015	1	CORREIA	8
CORREIA (SEM A/C MERCADO NORTE-AMERICANO)	191-5215	1	CORREIA	6
TAMPÃO (MAGNÉTICO-DRENO DO ÓLEO)	118-3619	1	DRENO - ÓLEO DO MOTOR	33

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PEÇAS DE MANUTENÇÃO

DESCRIÇÃO	NÚMERO DE PEÇA	QUANT	UTILIZADA EM	PÁGINA
POSTO DO OPERADOR				
CINTO DE SEGURANÇA	222-0345	1	ASSENTO	527
CINTO DE SEGURANÇA (ASSENTO COM SUSPENSÃO PARTE INFERIOR DAS COSTAS)	8Y-4030	1	ASSENTO COM SUSPENSÃO	534
CINTO DE SEGURANÇA (ASSENTO DA SUSPENSÃO)	183-3648	1	ASSENTO	524
FILTRO - CARVÃO (PRESSURIZADOR DA CABINE)	141-7903	1	PRESSURIZADOR	510
FILTRO (AR DA CABINE)	3E-7904	2	PRESSURIZADOR	510
FILTRO (PRESSURIZADOR DA CABINE)	7G-8116	2	PRESSURIZADOR	510
GRAXEIRA (PRESSURIZADOR DA CABINE)	3B-8489	1	PRESSURIZADOR	510
GRAXEIRA (ROSCA 1/8-27 POL) (PLATAFORMA DO OPERADOR)	3B-8489	1	PLATAFORMA DO OPERADOR	507
LÂMINA DO LIMPADOR DE PÁRA-BRISA (PÁRA-BRISA)	125-8175	1	LIMPADOR DO VIDRO	547
LÂMINA DO LIMPADOR DE PÁRA-BRISA (PARTE TRASEIRA) (JANELA)	5C-8811	1	LIMPADOR DO VIDRO	547
LÂMINA DO LIMPADOR DE PÁRA-BRISA (PORTA DIREITA DA CABINE)	125-8175	1	PORTA DA CABINE	466
LÂMINA DO LIMPADOR DE PÁRA-BRISA (PORTA ESQUERDA DA CABINE)	125-8175	1	PORTA DA CABINE	468
LÂMPADA (24 V) (GRUPO DE QUATRO MEDIDORES)	7N-5876	2	PAINEL DE INSTRUMENTOS	503
LÂMPADA (24 V) (INSTRUMENTO)	123-9294	2	PAINEL DE INSTRUMENTOS	499
LÂMPADA (24 V) (LÂMPADA DE AÇÃO)	115-1748	1	PAINEL DE INSTRUMENTOS	499
LÂMPADA (24 V) (LUZES DOS INSTRUMENTOS)	123-9294	2	PAINEL DE INSTRUMENTOS	503
LÂMPADA (24 V) (QUATRO MEDIDORES)	7N-5876	2	PAINEL DE INSTRUMENTOS	499
LUZ DO PAINEL DE INSTRUMENTOS	159-9257	1	PAINEL DE INSTRUMENTOS	499
MAÇANETA (TAMPA DO FILTRO)	3W-6756	2	PAINEL DE INSTRUMENTOS	503
RECEPTOR - SECADOR (REFRIGERANTE)	3E-3535	1	PRESSURIZADOR	510
TAMPA (CONDICIONADOR DE AR)	3E-4052	1	TUBOS - AR CONDICIONADO	485
TAMPA (TANQUE DO LAVADOR DE VIDROS)	209-4482	1	INSTALAÇÃO - TUBULAÇÕES	479
TAMPA (TANQUE DO LAVADOR DE VIDROS)	209-4482	1	TANQUE - LAVADOR DE JANELA	543
SISTEMA DA ADMISSÃO DE AR E DE ESCAPE				
ELEMENTO DO FILTRO DE AR (PRIMÁRIO)	6I-2501	1	PURIFICADOR DE AR	91
ELEMENTO DO FILTRO DE AR (SECUNDÁRIO)	6I-2502	1	PURIFICADOR DE AR	91

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PEÇAS DE MANUTENÇÃO

DESCRIÇÃO	NÚMERO DE PEÇA	QUANT	UTILIZADA EM	PÁGINA
SISTEMA DE ARREFECIMENTO				
FILTRO - ÁGUA (BOMBA D'ÁGUA)	119-3025	1	BOMBA DE ÁGUA	85
JUNTA - REGULADOR DA ÁGUA (TEMPERATURA DO LÍQUIDO ARREFECEDOR)	136-0812	1	TUBOS - ÁGUA	82
MANGUEIRA (RADIADOR INFERIOR)	198-1663	1	RADIADOR	87
MANGUEIRA (RADIADOR SUPERIOR)	214-6738	1	RADIADOR	87
REGULADOR DE TEMPERATURA DA ÁGUA (94 GRAUS C) (LÍQUIDO ARREFECEDOR)	126-5869	1	TUBOS - ÁGUA	82
TAMPA - RADIADOR (ALÍVIO DE PRESSÃO)	031-1119	1	RADIADOR	89
TAMPA CONTRA POEIRA (VÁLVULA DE COLETA DE AMOSTRAS DO LÍQUIDO ARREFECEDOR)	157-0670	1	TUBOS - ÁGUA	82
SISTEMA DE COMBUSTÍVEL				
ELEMENTO DO FILTRO DE COMBUSTÍVEL (PRIMÁRIO)	146-6695	1	FILTRO DE COMBUSTÍVEL E SEPARADOR DE ÁGUA	103
FILTRO - COMBUSTÍVEL (BOCAL DE ENCHIMENTO DO TANQUE)	9P-7121	1	TANQUE DE COMBUSTÍVEL	112
FILTRO - COMBUSTÍVEL (SECUNDÁRIO)	1R-0762	1	TUBOS - FILTRO DO COMBUSTÍVEL	106
JUNTA (BOMBA DE ESCORVA DE COMBUSTÍVEL)	1P-0436	2	FILTRO DE COMBUSTÍVEL E SEPARADOR DE ÁGUA	103
TAMPA DO TANQUE DE COMBUSTÍVEL (TRAVA COM RESPIRO)	7X-7700	1	TANQUE DE COMBUSTÍVEL	112
VÁLVULA DE DRENAGEM (COMBUSTÍVEL) (FILTRO)	141-8275	1	TUBOS - FILTRO DO COMBUSTÍVEL	106
VÁLVULA DE DRENAGEM (FILTRO DE COMBUSTÍVEL)	179-9348	1	TUBOS - FILTRO DO COMBUSTÍVEL	106
SISTEMA DE DIREÇÃO E DE FREIO				
FILTRO - ÓLEO (HIDRÁULICO)	1G-8878	1	FILTRO - ÓLEO	305
TAMPA CONTRA POEIRA (VÁLVULAS DE DIREÇÃO)	6V-0852	3	TUBOS - DIREÇÃO	308
SISTEMA DE LUBRIFICAÇÃO				
FILTRO - ÓLEO DO MOTOR	1R-0739	1	FILTRO - ÓLEO DO MOTOR	67
MANGUEIRA - DESCARTE (VAPORES)	4W-2181	1	ELIMINAÇÃO DE VAPORES DO CÁRTER	68
RESPIRO (MOTOR)	2W-9162	1	RESPIRO	65
RETENTOR DE ANEL-O (RESPIRO DO MOTOR)	4L-9564	1	RESPIRO	65
TAMPA - BOCAL DE ENCHIMENTO (ÓLEO DO MOTOR)	4W-3087	1	BOCAL DE ENCHIMENTO DE ÓLEO DO MOTOR	66
TAMPA CONTRA POEIRA (VÁLVULA DE AMOSTRAGEM DE ÓLEO DO TURBO)	8C-3445	1	TUBOS - ÓLEO DO TURBOALIMENTADOR	72
SISTEMA ELÉTRICO E DE PARTIDA				

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PEÇAS DE MANUTENÇÃO

DESCRIÇÃO	NÚMERO DE PEÇA	QUANT	UTILIZADA EM	PÁGINA
BATERIA (LIVRE DE MANUTENÇÃO)(12 VOLT) (REFORÇADO)	153-5700	2	BATERIA	124
BATERIA (12 V)	9X-3404	2	BATERIA E CABOS / FIOS ELÉTRICOS	122
CHAVE (DESCONECTAR A BATERIA)	8H-5306	1	CHAVE GERAL	176
DISJUNTOR AUTOMÁTICO DE CIRCUITO (80 A) (PRINCIPAL DA MÁQUINA)	171-2210	1	PAINEL - DISJUNTOR ELÉTRICO AUTOMÁTICO	151
ELEMENTO - AQUECEDOR DE ÁGUA DA CAMISA (120 VOLTS / 1.000 WATTS)	124-0686	1	AQUECEDOR DA ÁGUA DO MOTOR	137
ELEMENTO - AQUECEDOR DE ÁGUA DA CAMISA (240 VOLTS - 1.000 WATTS)	124-0687	1	AQUECEDOR DA ÁGUA DO MOTOR	136
ESCOVA DO ALTERNADOR	3E-5459	2	ALTERNADOR DE CORRENTE	116
		2	ALTERNADOR DE CORRENTE	118
FUSÍVEL (10 A)	9W-1442	9	PAINEL - DISJUNTOR ELÉTRICO AUTOMÁTICO	151
FUSÍVEL (15 A)	9W-1441	8	PAINEL - DISJUNTOR ELÉTRICO AUTOMÁTICO	151
FUSÍVEL (20 A)	9W-1446	3	PAINEL - DISJUNTOR ELÉTRICO AUTOMÁTICO	151
LÂMPADA - DIODO (VISOR LED) (PISCA-PISCA DE ADVERTÊNCIA)	165-5674	1	SIST. DE ILUMINAÇÃO - PISCA-PISCA GIRATÓRIO DE ADVERTÊNCIA	150
LÂMPADA - HALOGÊNEO (24 VOLTS)(65 WATTS) (FAROL)	9X-3463	1	LÂMPADA - FAROL	144
			1 LÂMPADA - FAROL	145
			1 LÂMPADA - FAROL	146
LÂMPADA (12 V) (LUZ DE AÇÃO LED VERMELHA/VERDE)	165-5655	1	INSTALAÇÃO-SEGURANÇA	141
			1 INSTALAÇÃO-SEGURANÇA	142
LÂMPADA (24 V) (INTERRUPTOR DE BALANCIM DO ACELERADOR)	3E-8825	2	CABOS/FIOS ELÉTRICOS - PLATAFORMA	187
LÂMPADA (24 V) (PISCA-PISCA DE ADVERTÊNCIA)	3E-8825	1	SIST. DE ILUMINAÇÃO - PISCA-PISCA GIRATÓRIO DE ADVERTÊNCIA	150
LÂMPADA (24 V) (TETO)	7N-9943	1	LÂMPADA - TETO	143
LENTE (FAROL DIANTEIRO)	202-6611	1	LÂMPADA - FAROL	146
LENTE (FAROL DIANTEIRO) (ROPS)	202-6611	1	LÂMPADA - FAROL	145
	202-6614	1	LÂMPADA - FAROL	144
LENTE (LÂMPADA DO TETO)	7T-0020	1	LÂMPADA - TETO	143
LENTE (PISCA-ALERTA ÂMBAR)	198-0316	1	LUZ GIRATÓRIA DE ALARME	147
SACADOR - FUSÍVEL	202-4327	1	BATERIA E CABOS / FIOS ELÉTRICOS	122
SUPORTE - ESCOVA (ALTERNADOR)	3E-5460	1	ALTERNADOR DE CORRENTE	116
			1 ALTERNADOR DE CORRENTE	118
TAMPA CONTRA POEIRA (AQUECEDOR DE ÁGUA DA CAMISA)	133-6517	1	AQUECEDOR DA ÁGUA DO MOTOR	136
			1 AQUECEDOR DA ÁGUA DO MOTOR	137
TUBO DE FAÍSCA (CONEXÃO DE 3 PINOS) (PISCA-PISCA DE ADVERTÊNCIA)	127-8158	1	LUZ GIRATÓRIA DE ALARME	147
TUBO DE FAÍSCA (CONEXÃO DE 8 PINOS) (PISCA-PISCA DE ADVERTÊNCIA)	198-0315	1	LUZ GIRATÓRIA DE ALARME	147

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PEÇAS DE MANUTENÇÃO

DESCRIÇÃO	NÚMERO DE PEÇA	QUANT	UTILIZADA EM	PÁGINA
SISTEMA HIDRÁULICO				
BUJÃO DO DRENO (TANQUE HIDRÁULICO)	9J - 7031	1	TANQUE HIDRÁULICO E FILTRO	396
ELEMENTO FILTRANTE - ÓLEO (FLUXO HIDRÁULICO/REVERSO) (DESCARTÁVEL)	1R - 0735	1	TANQUE HIDRÁULICO E FILTRO	396
ELEMENTO FILTRANTE - ÓLEO (FLUXO INVERSO) (FLUIDO HIDRÁULICO RESISTENTE A INCÊNDIO)	104 - 6931	1	TANQUE HIDRÁULICO E FILTRO	396
ELEMENTO FILTRANTE - ÓLEO (HIDRÁULICO) (LIMPAR/ALTA EFICIÊNCIA)	139 - 1537	1	TANQUE HIDRÁULICO E FILTRO	396
FILTRO - ÓLEO (*HYDRAULIC)(HIGH EFFICIENCY)	144 - 0832	1	FILTRO - ÓLEO	358
FILTRO COM ROSCAS (HIDRÁULICO)	9T - 8578	1	FILTRO - ÓLEO	358
FILTRO (VÁLVULA DE CONTROLE)	4T - 4520	1	VÁLVULA DE CONTROLE	403
		1	VÁLVULA DE CONTROLE	405
		1	VÁLVULA DE CONTROLE	407
		1	VÁLVULA DE CONTROLE	409
		1	VÁLVULA DE CONTROLE	411
		1	VÁLVULA DE CONTROLE	413
GRAXEIRA (ROSCA 1/8-27 POL) (CILINDRO DE LEVANTAMENTO DA LÂMINA)	3B - 8489	1	CILINDRO DE LEVANTAMENTO	350
GRAXEIRA (ROSCA 1/8-27 POL) (CILINDROS DE ANGULAGEM E INCLINAÇÃO)	3B - 8489	8	TUBOS - ANGULAGEM E INCLINAÇÃO	361
TAMPA - BOCAL DE ENCHIMENTO (TANQUE HIDRÁULICO)	7H - 1447	1	TANQUE HIDRÁULICO E FILTRO	396
TAMPA CONTRA POEIRA (AMOSTRA DE FLUIDO DA VÁLVULA DE CONTROLE)	8C - 3451	1	MONTAGEM - VÁLVULA	392
TAMPA CONTRA POEIRA (BOMBA HIDRÁULICA)	6V - 0852	2	TUBOS - BOMBA	378
TAMPA CONTRA POEIRA (PAINEL DE DIAGNÓSTICOS)	6V - 0852	9	TUBOS - ÓLEO HIDRÁULICO	365
	187 - 9008	2	TUBOS - ÓLEO HIDRÁULICO	365
TELA FILTRANTE (TANQUE HIDRÁULICO)	3G - 3267	1	TANQUE HIDRÁULICO E FILTRO	396
	9J - 3047	1	TANQUE HIDRÁULICO E FILTRO	396

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PEÇAS DE MANUTENÇÃO

DESCRIÇÃO	NÚMERO DE PEÇA	QUANT	UTILIZADA EM	PÁGINA
TREM DE FORÇA				
BUJÃO DO DRENO (CONVERSOR DE TORQUE)	4B-7739	1	MONTAGEM - CONVERSOR DE TORQUE	203
BUJÃO MAGNÉTICO (COMANDO FINAL)	6V-0439	1	COMANDO FINAL	198
ELEMENTO FILTRANTE - ÓLEO (*POWER TRAIN - HIGH EFFICIENCY)	132-8876	1	TUBOS - ÓLEO DA TRANSMISSÃO	201
ELEMENTO FILTRANTE - ÓLEO (TREM DE FORÇA)	132-8876	1	FILTRO - ÓLEO	197
FILTRO - MAGNÉTICO (ÓLEO DO TREM DE FORÇA)	8S-9129	1	TUBOS - ÓLEO DA TRANSMISSÃO	200
RESPIRO (TUBOS DE ÓLEO DO TREM DE FORÇA)	185-6684	1	TUBOS - ÓLEO DA TRANSMISSÃO	200
RETENTOR DE ANEL-O (BUJÃO DE DRENAGEM DA TRANSMISSÃO)	2M-9780	2	ENGRENAGENS PLANETÁRIAS - TRANSMISSÃO	206
	4K-1388	1	ENGRENAGENS PLANETÁRIAS - TRANSMISSÃO	206
RETENTOR DE ANEL-O (BUJÃO DE DRENAGEM DO CONVERSOR DE TORQUE)	3K-0360	2	CONVERSOR DE TORQUE	220
	4K-1388	1	CONVERSOR DE TORQUE	220
RETENTOR DE ANEL-O (BUJÃO DE DRENAGEM DO COMANDO FINAL)	3K-0360	1	COMANDO FINAL	198
RETENTOR DE ANEL-O (BUJÃO MAGNÉTICO DO COMANDO FINAL)	2S-4078	1	COMANDO FINAL	198
RETENTOR DE ANEL-O (FILTRO DO TREM DE FORÇA)	5P-3620	1	FILTRO - ÓLEO	197
TAMPA - BOCAL DE ENCHIMENTO DE ÓLEO (TREM DE FORÇA)	2W-6225	1	TUBOS - ÓLEO DA TRANSMISSÃO	200
TAMPA CONTRA POEIRA (CONEXÕES DA TRANSMISSÃO)	6V-0852	6	ENGRENAGENS PLANETÁRIAS - TRANSMISSÃO	207
TAMPA CONTRA POEIRA (VÁLVULA DE AMOSTRAGEM DO ÓLEO DO TREM DE FORÇA)	8C-3447	1	TUBOS - ÓLEO DA TRANSMISSÃO	200
TAMPÃO (DRENO DA TRANSMISSÃO)	9S-4188	1	ENGRENAGENS PLANETÁRIAS - TRANSMISSÃO	206
	9S-4190	2	ENGRENAGENS PLANETÁRIAS - TRANSMISSÃO	206
TAMPÃO (DRENO DO COMANDO FINAL)	9S-4185	1	COMANDO FINAL	198
TAMPÃO (DRENO DO CONVERSOR DE TORQUE)	9S-4185	2	CONVERSOR DE TORQUE	220
	9S-4188	1	CONVERSOR DE TORQUE	220
TELA DE SUÇÃO (TUBOS DE ÓLEO DO TREM DE FORÇA)	8S-9130	1	TUBOS - ÓLEO DA TRANSMISSÃO	200
TELA FILTRANTE (RETORNO DO CONVERSOR DE TORQUE)	3T-6471	1	CONVERSOR DE TORQUE	220

* TRADUÇÃO NÃO DISPONÍVEL NO MOMENTO DA IMPRESSÃO

WARTUNGSTEILE

BESCHREIBUNG	ERSATZTEIL- NUMMER	MENGE	VERWENDET IN	SEITE
ARBEITSGERÄTE				
SCHMIERNIPPEL (SCHWENKSCHILD)	3B-8489	2	SCHWENKSCHILD	431
SCHMIERNIPPEL (1/8-27-GEWINDE) (AUFREISSER)	3B-8489	11	AUFREISSER	437
SCHMIERNIPPEL (1/8-27-GEWINDE) (KIPPGESTÄNGE)	3B-8489	2	NEIGUNGSSTELLGLIED	423
ELEKTRISCHE ANLAGE UND STARTSYSTEM				
ABDECKGLAS (ARBEITSSCHEIN- WERFER)	202-6611	1	ARBEITSLEUCHTEN	146
ABDECKGLAS (ARBEITSSCHEINWER- FER) (ÜBERROLLSCHUTZ)	202-6611	1	ARBEITSLEUCHTEN	145
	202-6614	1	ARBEITSLEUCHTEN	144
ABDECKGLAS (FAHRERHAUS-IN- NENLEUCHTE)	7T-0020	1	FAHRERHAUSBELEUCHTUNG	143
ABDECKGLAS (GELBE WARNLEUCHTE)	198-0316	1	RUNDUM-KENNLEUCHTE	147
BATTERIE (WARTUNGSFREI)(12 V) (SCHWEREINSATZ)	153-5700	2	BATTERIE	124
BATTERIE (12 V)	9X-3404	2	BATTERIE UND VERDRAHTUNG	122
BELEUCHTUNGSANLAGE (12 V) (KONTROLLLEUCHTE ROT/GRÜN)	165-5655	1	SICHERHEITSEINBAUSATZ	141
		1	SICHERHEITSEINBAUSATZ	142
BLITZRÖHRE (*3 PRONG CONNECTION) (RUNDUM-KENNLEUCHTE)	127-8158	1	RUNDUM-KENNLEUCHTE	147
BLITZRÖHRE (8 ZACKEN VERBIN- DUNG) (RUNDUM-KENNLEUCHTE)	198-0315	1	RUNDUM-KENNLEUCHTE	147
BÜRSTENHALTER (DREHSTROMGENERATOR)	3E-5460	1	DREHSTROMGENERATOR	116
		1	DREHSTROMGENERATOR	118
DIODENLEUCHTE (LED) (RUNDUM-KENNLEUCHTE)	165-5674	1	RUNDUM-KENNLEUCHTE	150
DREHSTROMGENERATOR-BÜRSTE	3E-5459	2	DREHSTROMGENERATOR	116
		2	DREHSTROMGENERATOR	118
HALOGENSCHINWERFER (24 V)(65 W) (ARBEITSSCHEINWERFER)	9X-3463	1	ARBEITSLEUCHTEN	144
		1	ARBEITSLEUCHTEN	145
		1	ARBEITSLEUCHTEN	146
LEUCHTE (24 V) (FAHRERHAUSDACH)	7N-9943	1	FAHRERHAUSBELEUCHTUNG	143
LEUCHTE (24 V) (GASREGELKIPPSCHALTER)	3E-8825	2	FAHRERPLATTFORMVERDRAHTUNG	187
LEUCHTE (24 V) (RUNDUM-KENNLEUCHTE)	3E-8825	1	RUNDUM-KENNLEUCHTE	150
SCHLÜSSEL (HAUPTSCHALTER)	8H-5306	1	TRENNSCHALTER	176
SICHERUNG (10 A)	9W-1442	9	UNTERBRECHER - INSTRUMENTENTAFEL	151
SICHERUNG (15 A)	9W-1441	8	UNTERBRECHER - INSTRUMENTENTAFEL	151
SICHERUNG (20 A)	9W-1446	3	UNTERBRECHER - INSTRUMENTENTAFEL	151
SICHERUNGSZIEHER	202-4327	1	BATTERIE UND VERDRAHTUNG	122

* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN

WARTUNGSTEILE

BESCHREIBUNG	ERSATZTEIL- NUMMER	MENGE	VERWENDET IN	SEITE
STAUBKAPPE (UMLAUFKÜHLWASSERHEIZUNG)	133-6517	1	UMLAUFKÜHLWASSERHEIZUNG	136
		1	UMLAUFKÜHLWASSERHEIZUNG	137
UMLAUFKÜHLWASSERHEIZUNGS-ELEMENT (*120 VOLT/1000 WATT)	124-0686	1	UMLAUFKÜHLWASSERHEIZUNG	137
UMLAUFKÜHLWASSERHEIZUNGS-ELEMENT (240 V/1000 W)	124-0687	1	UMLAUFKÜHLWASSERHEIZUNG	136
UNTERBRECHER (80 A) (HAUPTMASCHINE)	171-2210	1	UNTERBRECHER - INSTRUMENTENTAFEL	151
FAHRERHAUS				
FILTERSATZ (FAHRERHAUS - DRUCKBEAUFSCHLAGUNG)	7G-8116	2	FAHRERHAUSBELÜFTUNG	510
FILTERSATZ (FAHRERHAUSLUFT)	3E-7904	2	FAHRERHAUSBELÜFTUNG	510
INSTRUMENTENTAFELBELEUCHTUNG	159-9257	1	INSTRUMENTENTAFEL	499
		1	INSTRUMENTENTAFEL	503
KÄLTEMITTELTROCKNER (KÜHLMITTEL)	3E-3535	1	KLIMAAANLAGENLEITUNGEN	485
KAPPE (KLIMAAANLAGE)	3E-4052	1	LEITUNGSINSTALLATIONSSATZ	479
KAPPE (SCHEIBENWASCHMITTELBEHÄLTER)	209-4482	1	SCHEIBENWASCHMITTELBEHÄLTER	543
KNOPF (FILTERDECKEL)	3W-6756	2	FAHRERHAUSBELÜFTUNG	510
KOHLEFILTER (FAHRERHAUS - DRUCKBEAUFSCHLAGUNG)	141-7903	1	FAHRERHAUSBELÜFTUNG	510
LEUCHTE (24 V) (ANZEIGE)	123-9294	2	INSTRUMENTENTAFEL	499
LEUCHTE (24 V) (INSTRUMENTENBELEUCHTUNG)	123-9294	2	INSTRUMENTENTAFEL	503
LEUCHTE (24 V) (INSTRUMENTENGRUPPE)	7N-5876	2	INSTRUMENTENTAFEL	499
LEUCHTE (24 V) (VIERFACHANZEIGE)	7N-5876	2	INSTRUMENTENTAFEL	503
LEUCHTE (24 V) (WARNLEUCHTE)	115-1748	1	INSTRUMENTENTAFEL	499
		1	INSTRUMENTENTAFEL	503
SCHEIBENWISCHERBLATT (FRONTSCHIEBE)	125-8175	1	SCHEIBENWISCHER	547
SCHEIBENWISCHERBLATT (HINTEN) (FENSTER)	5C-8811	1	SCHEIBENWISCHER	547
SCHEIBENWISCHERBLATT (LINKE FAHRERHAUSTÜR)	125-8175	1	FAHRERHAUSTÜR	468
SCHEIBENWISCHERBLATT (RECHTE FAHRERHAUSTÜR)	125-8175	1	FAHRERHAUSTÜR	466
SCHMIERNIPPEL (FAHRERHAUS - DRUCKBEAUFSCHLAGUNG)	3B-8489	1	FAHRERHAUSBELÜFTUNG	510
SCHMIERNIPPEL (1/8-27-GEWINDE) (FAHRERPLATTFORM)	3B-8489	1	FAHRERPLATTFORM	507
SICHERHEITSGURT	222-0345	1	FAHRERSITZ	527
SICHERHEITSGURT (SCHWINGSITZ)	183-3648	1	FAHRERSITZ	524
SICHERHEITSGURT (SCHWINGSITZ, UNTERE RÜCKENLEHNE)	8Y-4030	1	SCHWINGSITZ	534

* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN

WARTUNGSTEILE

BESCHREIBUNG	ERSATZTEIL- NUMMER	MENGE	VERWENDET IN	SEITE
HYDRAULIKSYSTEM				
ABLASSSTOPFEN (HYDRAULIKTANK)	9J-7031	1	HYDRAULIKTANK UND SCHMIERFILTER	396
ANSCHRAUBFILTER (HYDRAULIK)	9T-8578	1	ÖLFILTER	358
EINFÜLLSTUTZENKAPPE (HYDRAULIKTANK)	7H-1447	1	HYDRAULIKTANK UND SCHMIERFILTER	396
FILTER (STEUERVENTIL)	4T-4520	1	STEUERVENTIL	403
		1	STEUERVENTIL	405
		1	STEUERVENTIL	407
		1	STEUERVENTIL	409
		1	STEUERVENTIL	411
		1	STEUERVENTIL	413
ÖLFILTER (*HYDRAULIC)(HIGH EFFICIENCY)	144-0832	1	ÖLFILTER	358
ÖLFILTERELEMENT (HYDRAULIK/STROMUMKEHRUNG) (NICHT WIEDERVERWENDBAR)	1R-0735	1	HYDRAULIKTANK UND SCHMIERFILTER	396
ÖLFILTERELEMENT (HYDRAULISCH) (REINIGUNG/HOCHLEISTUNG)	139-1537	1	HYDRAULIKTANK UND SCHMIERFILTER	396
ÖLFILTERELEMENT (RÜCKFLUSS) (FEUERFESTE HYDRAULIKFLÜSSIGKEIT)	104-6931	1	HYDRAULIKTANK UND SCHMIERFILTER	396
SCHMIERNIPPEL (1/8-27-GEWINDE) (SCHENK- U. KIPPZYLINDER)	3B-8489	8	SCHWENK- UND KIPPZYLINDERLEITUNGEN	361
SCHMIERNIPPEL (1/8-27-GEWINDE) (SCHILDHUBZYLINDER)	3B-8489	1	HUBZYLINDER	350
SIEB (HYDRAULIKTANK)	3G-3267	1	HYDRAULIKTANK UND SCHMIERFILTER	396
	9J-3047	1	HYDRAULIKTANK UND SCHMIERFILTER	396
STAUBKAPPE (DIAGNOSETAFEL)	6V-0852	9	HYDRAULIKLEITUNGEN	365
	187-9008	2	HYDRAULIKLEITUNGEN	365
STAUBKAPPE (HYDRAULIKPUMPE)	6V-0852	2	HYDRAULIKPUMPE UND LEITUNGEN	378
STAUBKAPPE (PROBEENTNAH- ME-STEUERVENTIL)	8C-3451	1	VENTILAUFHÄNGUNG	392
KRAFTSTOFFSYSTEM				
ABLASSVENTIL (KRAFTSTOFF) (FILTER)	141-8275	1	KRAFTSTOFFFILTERLEITUNGEN	106
ABLASSVENTIL (KRAFTSTOFFFILTER)	179-9348	1	KRAFTSTOFFFILTERLEITUNGEN	106
DICHTUNG (KRAFTSTOFFENTLÜF- TUNGSPUMPE)	1P-0436	2	WASSERABSCHIEDER- U. KRAFTSTOFFFILTER	103
KRAFTSTOFFFILTER (AUSFALLSCHUTZ)	1R-0762	1	KRAFTSTOFFFILTERLEITUNGEN	106
KRAFTSTOFFFILTERELEMENT (HAUPTLEMENT)	146-6695	1	WASSERABSCHIEDER- U. KRAFTSTOFFFILTER	103
KRAFTSTOFFSIEB (TANKFÜLLER)	9P-7121	1	KRAFTSTOFFTANK	112
KRAFTSTOFFTANKKAPPE (ENTLÜFTUNGSSPERRE)	7X-7700	1	KRAFTSTOFFTANK	112

* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN

WARTUNGSTEILE

BESCHREIBUNG	ERSATZTEIL- NUMMER	MENGE	VERWENDET IN	SEITE
KRAFTÜBERTRAGUNG				
ABLASSTOPFEN (DREHMOMENTWANDLER)	4B-7739	1	DREHMOMENTWANDLERAUFHÄN- GUNG	203
ANSAUGSIEB (KRAFTÜBERTRAGUNG - ÖLLEITUNGEN)	8S-9130	1	ÖLLEITUNGEN - KRAFTÜBERTRAGUNG	200
ENTLÜFTER (KRAFTÜBERTRAGUNG - ÖLLEITUNGEN)	185-6684	1	ÖLLEITUNGEN - KRAFTÜBERTRAGUNG	200
MAGNETFILTER (KRAFTÜBERTRA- GUNGSÖL)	8S-9129	1	ÖLLEITUNGEN - KRAFTÜBERTRAGUNG	200
MAGNETSTOPFEN (SEITENANTRIEB)	6V-0439	1	SEITENANTRIEB	198
O-RING-DICHTUNG (DREHMOMENT- WANDLERABLASSSCHRAUBE)	3K-0360	2	DREHMOMENTWANDLER	220
	4K-1388	1	DREHMOMENTWANDLER	220
O-RING-DICHTUNG (GETRIEBEABLASSSCHRAUBE)	2M-9780	2	PLANETENGETRIEBE	206
	4K-1388	1	PLANETENGETRIEBE	206
O-RING-DICHTUNG (KRAFTÜBERTRAGUNGSFILTER)	5P-3620	1	ÖLFILTER	197
O-RING-DICHTUNG (SEITENANTRIEB-ABLASSSCHRAUBE)	3K-0360	1	SEITENANTRIEB	198
O-RING-DICHTUNG (SEITENAN- TRIEB-MAGNETSCHRAUBE)	2S-4078	1	SEITENANTRIEB	198
ÖLEINFÜLLSTUTZEN (KRAFTÜBERTRAGUNG)	2W-6225	1	ÖLLEITUNGEN - KRAFTÜBERTRAGUNG	200
ÖLFILTERELEMENT (KRAFTÜBERTRAGUNG)	132-8876	1	ÖLFILTER	197
ÖLFILTERELEMENT (*POWER TRAIN - HIGH EFFICIENCY)	132-8876	1	ÖLLEITUNGEN - KRAFTÜBERTRAGUNG	201
SCHRAUBE (DREHMOMENTWAND- LERBLASS)	9S-4185	2	DREHMOMENTWANDLER	220
	9S-4188	1	DREHMOMENTWANDLER	220
SCHRAUBE (GETRIEBEABLASS)	9S-4188	1	PLANETENGETRIEBE	206
	9S-4190	2	PLANETENGETRIEBE	206
SCHRAUBE (SEITENANTRIEBABLASS)	9S-4185	1	SEITENANTRIEB	198
SIEB (WANDLERRÜCKLAUFSIEB)	3T-6471	1	DREHMOMENTWANDLER	220
STAUBKAPPE (GETRIEBEFITTINGS)	6V-0852	6	PLANETENGETRIEBE	207
STAUBKAPPE (KRAFT- ÜBERTRAGUNGSÖL - PROBEENTNAHMEVENTIL)	8C-3447	1	ÖLLEITUNGEN - KRAFTÜBERTRAGUNG	200

* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN

WARTUNGSTEILE

BESCHREIBUNG	ERSATZTEIL- NUMMER	MENGE	VERWENDET IN	SEITE
KÜHLSYSTEM				
KÜHLERKAPPE (DRUCKBEGREN- ZUNG)	031-1119	1	KÜHLER	89
KÜHLWASSERTHERMOSTATDICH- TUNG (KÜHLMITTELTEMPERATUR)	136-0812	1	KÜHLWASSERLEITUNGEN	82
SCHLAUCHLEITUNG (OBERER KÜHLER)	214-6738	1	KÜHLER	87
SCHLAUCHLEITUNG (UNTERER KÜHLER)	198-1663	1	KÜHLER	87
STAUBKAPPE (KÜHLMITTELPROBE- ENTNAHMEVENTIL)	157-0670	1	KÜHLWASSERLEITUNGEN	82
WASSERFILTER (WASSERPUMPE)	119-3025	1	KÜHLWASSERPUMPE	85
WASSERTEMPERATURREGLER (94 GRAD C) (KÜHLMITTEL)	126-5869	1	KÜHLWASSERLEITUNGEN	82
LAUFWERK				
SCHMIERNIPPEL (QUERTRAVERSE)	3B-8489	2	QUERTRAVERSE	266
LENK- UND BREMSSYSTEM				
ÖLFILTER (HYDRAULISCH)	1G-8878	1	ÖLFILTER	305
STAUBKAPPE (LENKUNGSVENTILE)	6V-0852	3	LENKÖLLEITUNGEN	308
LUFTEINLASS- UND ABGASSYSTEM				
LUFTFILTER (HAUPTFILTER)	6I-2501	1	LUFTREINIGER	91
LUFTFILTER (SICHERHEITSFILTER)	6I-2502	1	LUFTREINIGER	91
MOTOR (GRUNDAUSFÜHRUNG)				
KEILRIEMEN (MIT KLIMAANLAGE - EUROPÄISCHER MARKT)	202-3197	1	RIEMEN	7
KEILRIEMEN (MIT KLIMAANLAGE - NORDAMERIKANISCHER MARKT)	215-3015	1	RIEMEN	8
KEILRIEMEN (OHNE KLIMAANLAGE - NORDAMERIKANISCHER MARKT)	191-5215	1	RIEMEN	6
SCHRAUBE (MAGNETISCH -ÖLABLASS)	118-3619	1	MOTORÖLABLASS	33
RAHMEN UND AUFBAU				
KAPPE (STAUB) (KÜHLERFÜLLKLAPPE)	155-9321	1	KÜHLERSCHUTZ	247
O-RING-DICHTUNG (GEHÄUSEABLASSSCHRAUBE)	6F-0711	1	RAHMEN UND GEHÄUSE	234
SCHMIERNIPPEL (1/8-27-GEWINDE) (GEHÄUSE U. RAHMEN)	3B-8489	2	RAHMEN UND GEHÄUSE	234
SCHRAUBE (GEHÄUSEABLASS)	106-8187	1	RAHMEN UND GEHÄUSE	234

* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN

WARTUNGSTEILE

BESCHREIBUNG	ERSATZTEIL- NUMMER	MENGE	VERWENDET IN	SEITE
SCHMIERSYSTEM				
EINFÜLLSTUTZENKAPPE (MOTORÖL)	4W-3087	1	MOTORÖLEINFÜLLSTUTZEN	66
ENTDUNSTERLEITUNG (ENTDUNSTER)	4W-2181	1	ENTDUNSTER	68
ENTLÜFTER (MOTOR)	2W-9162	1	ENTLÜFTER	65
O-RING-DICHTUNG (MOTOR - ENTLÜFTER)	4L-9564	1	ENTLÜFTER	65
ÖLFILTER	1R-0739	1	ÖLFILTER	67
STAUBKAPPE (PROBEENTNAHME- VENTIL - TURBOLADER)	8C-3445	1	TURBOLADERÖLLEITUNGEN	72

* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN

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MACHINE ARRANGEMENT

189-4619 CHASSIS AR

S/N: CCK1-UP

PART OF 189-4616 GENERAL AR

SMCS-7000

i01831233

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	188-7304	1	CASE & FRAME GP						234
Y	107-4068	1	DRAWBAR GP						236
Y	155-7706	1	ENCLOSURE GP						237
Y	155-7705	1	FENDER GP						240
Y	191-9500	1	GUARD GP-BOTTOM						243
Y	155-7703	1	GUARD GP-RADIATOR						247
Y	155-9323	1	HOOD GP						259
Y	191-9529	1	LINES GP-FUEL						104
Y	157-4819	1	MOUNTING GP-ROPS						495
Y	155-7707	1	TANK GP-FUEL						112

Y-SEPARATE ILLUSTRATION

<END>

189-4616 GENERAL AR

S/N: CCK1-UP

SMCS-7000

i01831139

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	191-4824	1	CAB AR						448
Y	189-4619	1	CHASSIS AR						1
Y	189-4624	1	ELECTRONICS AR-MACHINE						133
Y	191-4479	1	ENGINE AR-COMPLETE						2
Y	189-4623	1	HYDRAULIC AR						359
Y	189-4622	1	INSTALLATION AR-ENGINE						5
Y	189-4620	1	POWER TRAIN AR						212
Y	173-8651	1	UNDERCARRIAGE AR						288

Y-SEPARATE ILLUSTRATION

<END>

199-6965 MACHINE AR-HIGH AMBIENT TEMP

S/N: CCK1-UP

AN ATTACHMENT

SMCS-7000

i01830844

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	201-2670	5	RADIATOR AS						

<END>

ENGINE ARRANGEMENT

191-4479 ENGINE AR-COMPLETE

S/N: BMA1100-UP

104 BRAKE KW (140 BHP) AT 2000 RPM

PART OF 189-4616 GENERAL AR

SMCS-1000

i01798257

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	189-2221	1	BELT TIGHTENER GP						9
Y	132-3844	1	CARRIER GP-SEAL						11
Y	188-7726	1	CONTROL & MTG GP-ENGINE ELEK						126
Y	153-1794	1	COVER GP-AIR INLET						92
Y	143-4926	1	COVER GP-CYLINDER BLOCK						12
Y	136-8888	1	COVER GP-FRONT HOUSING						13
Y	153-1832	1	COVER GP-VALVE MECHANISM						14
Y	189-2227	1	DAMPER & PULLEY GP						31
Y	7C-4532	1	DRAIN GP-ENGINE OIL						32
Y	7C-4566	1	DRAIN GP-ENGINE OIL						33
Y	189-2223	1	DRIVE GP-FAN						36
Y	170-3273	1	ELBOW GP-AIR INLET						93
Y	191-4482	1	ENGINE AR-CORE						4
Y	224-1296	1	FASTENER GP-ENGINE WIRING						135
Y	228-5288	1	FASTENER GP-FRONT COVER						37
Y	116-4556	1	FASTENER GP-FRONT HOUSING						38
Y	199-3164	1	FILLER GP-ENGINE OIL						66
Y	117-4074	1	FILTER GP-ENGINE OIL						67
Y	224-2637	1	FLYWHEEL GP						39
Y	211-1835	1	FUMES DISPOSAL GP						68
Y	159-1810	1	GAUGE GP-OIL LEVEL (DIPSTICK)						70
Y	118-7284	1	HEATER GP-AIR INLET						138
Y	4W-1103	1	HOUSING GP-FLYWHEEL						41
Y	189-2220	1	PULLEY GP-IDLER						55
Y	219-5853	1	LINES GP-ENGINE OIL						71
Y	215-9260	1	LINES GP-FUEL FILTER						106
Y	202-3262	1	LINES GP-TURBOCHARGER OIL						72
Y	159-1814	1	LINES GP-WATER						82
Y	159-2572	1	MANIFOLD GP-EXHAUST						97
Y	203-5866	1	MOUNTING GP-ENGINE						46
Y	189-2222	1	MOUNTING GP-FAN DRIVE						47
Y	201-5381	1	MOUNTING GP-MUFFLER						98
Y	196-0077	1	PAN GP-OIL						48
Y	162-8068	1	PLUG GP-ENGINE						50
Y	224-5123	1	PULLEY GP						53
Y	193-9237	1	PUMP GP-WATER						84
Y	115-4210	1	SEAL GP-CRANKSHAFT						56
Y	7C-1770	1	SEAL GP-FLYWHEEL HOUSING						57
Y	199-7734	1	SENSOR GP-ENGINE						153
Y	145-5157	1	STARTING MOTOR GP-ELECTRIC						171
Y	228-5786	1	WIRING GP						181
Y	191-0083	1	WIRING GP-HEATER						186

GASKET KITS WILL BE PROVIDED WHEN AVAILABLE

Y-SEPARATE ILLUSTRATION

ENGINE ARRANGEMENT

191-4481 ENGINE AR-COMPLETE

S/N: BMA1100-UP

104 BRAKE KW (140 BHP) AT 2000 RPM

PART OF 226-3406 COOLING AR, 169-4912 SUPPRESSION AR-SOUND
AN ATTACHMENT

SMCS-1000

i01801664

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	189-2221	1	BELT TIGHTENER GP						9
Y	132-3844	1	CARRIER GP-SEAL						11
Y	188-7726	1	CONTROL & MTG GP-ENGINE ELEK						126
Y	153-1794	1	COVER GP-AIR INLET						92
Y	143-4926	1	COVER GP-CYLINDER BLOCK						12
Y	136-8888	1	COVER GP-FRONT HOUSING						13
Y	153-1832	1	COVER GP-VALVE MECHANISM						14
Y	189-2227	1	DAMPER & PULLEY GP						31
Y	7C-4532	1	DRAIN GP-ENGINE OIL						32
Y	7C-4566	1	DRAIN GP-ENGINE OIL						33
Y	189-2223	1	DRIVE GP-FAN						36
Y	170-3273	1	ELBOW GP-AIR INLET						93
Y	191-4482	1	ENGINE AR-CORE						4
Y	224-1296	1	FASTENER GP-ENGINE WIRING						135
Y	228-5288	1	FASTENER GP-FRONT COVER						37
Y	116-4556	1	FASTENER GP-FRONT HOUSING						38
Y	199-3164	1	FILLER GP-ENGINE OIL						66
Y	117-4074	1	FILTER GP-ENGINE OIL						67
Y	224-2637	1	FLYWHEEL GP						39
Y	211-1835	1	FUMES DISPOSAL GP						68
Y	159-1810	1	GAUGE GP-OIL LEVEL (DIPSTICK)						70
Y	118-7284	1	HEATER GP-AIR INLET						138
Y	4W-1103	1	HOUSING GP-FLYWHEEL						41
Y	189-2220	1	PULLEY GP-IDLER						55
Y	159-2565	1	LIFTING GP-ENGINE						44
Y	219-5853	1	LINES GP-ENGINE OIL						71
Y	215-9260	1	LINES GP-FUEL FILTER						106
Y	202-3262	1	LINES GP-TURBOCHARGER OIL						72
Y	159-1814	1	LINES GP-WATER						82
Y	159-2572	1	MANIFOLD GP-EXHAUST						97
Y	203-5866	1	MOUNTING GP-ENGINE						46
Y	189-2222	1	MOUNTING GP-FAN DRIVE						47
Y	201-5381	1	MOUNTING GP-MUFFLER						98
Y	196-0077	1	PAN GP-OIL						48
Y	162-8068	1	PLUG GP-ENGINE						50
Y	201-9063	1	PULLEY GP-FAN DRIVE						54
Y	193-9237	1	PUMP GP-WATER						84
Y	115-4210	1	SEAL GP-CRANKSHAFT						56
Y	7C-1770	1	SEAL GP-FLYWHEEL HOUSING						57
Y	199-7734	1	SENSOR GP-ENGINE						153
Y	145-5157	1	STARTING MOTOR GP-ELECTRIC						171
Y	228-5786	1	WIRING GP						181
Y	191-0083	1	WIRING GP-HEATER						186

GASKET KITS WILL BE PROVIDED WHEN AVAILABLE

Y-SEPARATE ILLUSTRATION

ENGINE ARRANGEMENT

191-4482 ENGINE AR-CORE

S/N: BMA1100-UP

PART OF 191-4479, 191-4481 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1000

i01831327

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	120-8971	1	BREATHER GP						65
Y	216-7922	1	CAMSHAFT GP						10
Y	117-3643	1	COOLER GP-ENGINE OIL						76
Y	113-6087	1	CRANKSHAFT GP						15
YR	129-1165	1	CYLINDER BLOCK GP						19
Y	133-3742	1	CYLINDER HEAD GP						24
	161-4459	1	ELECTRONICS GP-ENGINE RATINGS						
Y	205-1321	1	GEAR GP-FRONT						40
Y	133-5055	1	HOUSING GP-FRONT						42
YR	161-8420	6	PISTON & ROD GP						49
Y	170-3304	1	PUMP & MTG GP-UNIT INJ HYD						108
Y	212-2270	1	PUMP GP-ENGINE OIL						75
Y	178-6343	6	PUMP GP-UNIT INJECTION						110
Y	187-1602	1	TURBOCHARGER GP						101
Y	135-2969	1	VALVE MECHANISM GP						61

R-REMG PART MAY BE AVAILABLE

Y-SEPARATE ILLUSTRATION

ENGINE ARRANGEMENT

189-4622 INSTALLATION AR-ENGINE

S/N: CCK1-UP

PART OF 189-4616 GENERAL AR

SMCS-1000

i01807175

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	195-1042	1	AFTERCOOLER GP						90
Y	195-1049	1	AIR CLEANER GP						91
Y	189-2224	1	ALTERNATOR GP-CHARGING						120
Y	195-0681	1	BELT GP						8
Y	189-2229	1	COMPRESSOR GP-REFRIGERANT						456
Y	196-2178	1	COOLER GP-HYDRAULIC OIL						345
Y	219-6339	1	DRAIN GP-ENGINE OIL						34
Y	195-1041	1	FAN GP-BLOWER						80
Y	195-1047	1	LINES GP-AIR						95
Y	201-5515	1	MOUNTING GP-ENGINE						45
Y	195-1048	1	MUFFLER GP						99
Y	196-1791	1	PULLEY GP						52
Y	195-1040	1	RADIATOR GP						87

Y-SEPARATE ILLUSTRATION

BASIC ENGINE

193-1033 BELT GP—WITHOUT A/C, NORTH AMERICAN MARKET

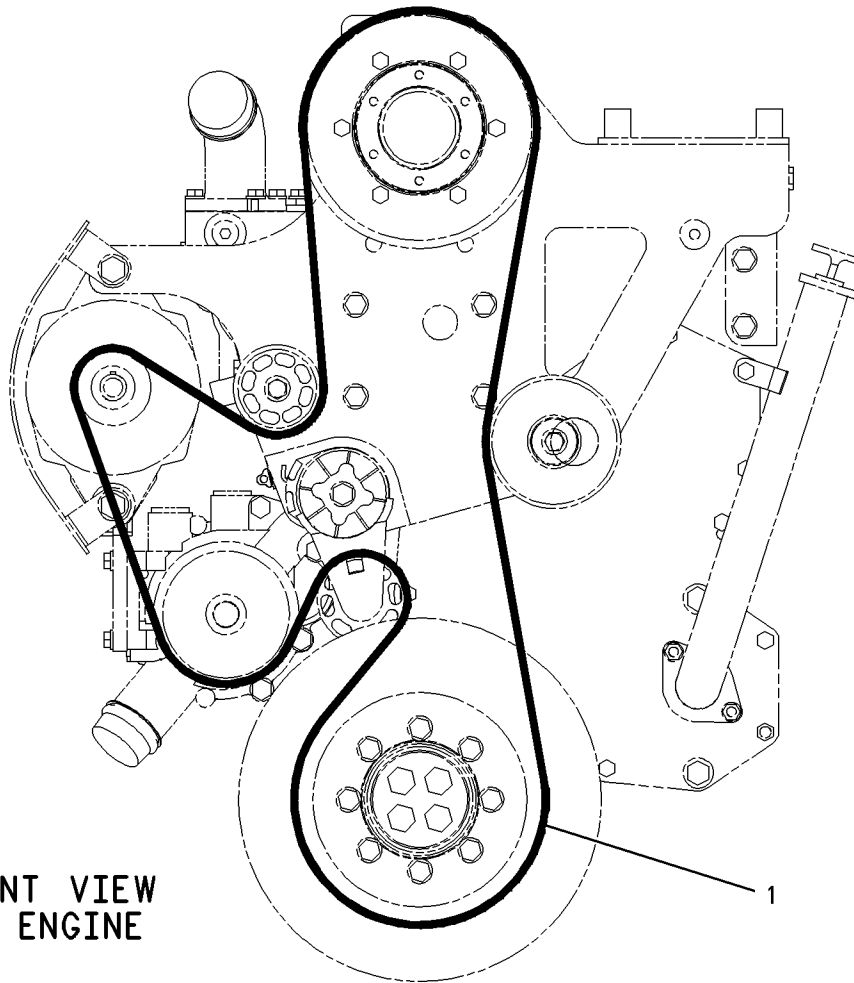
S/N: CCK1-UP

PART OF 193-3812 CANOPY AR
AN ATTACHMENT

SMCS-1357

i01830193

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	191-5215	1	BELT (W/O-A/C NORTH AMERICAN MARKET)						



GRAPHIC #1

<END>

g00773971

BASIC ENGINE

193-1038 BELT GP—WITH A/C, EUROPEAN MARKET

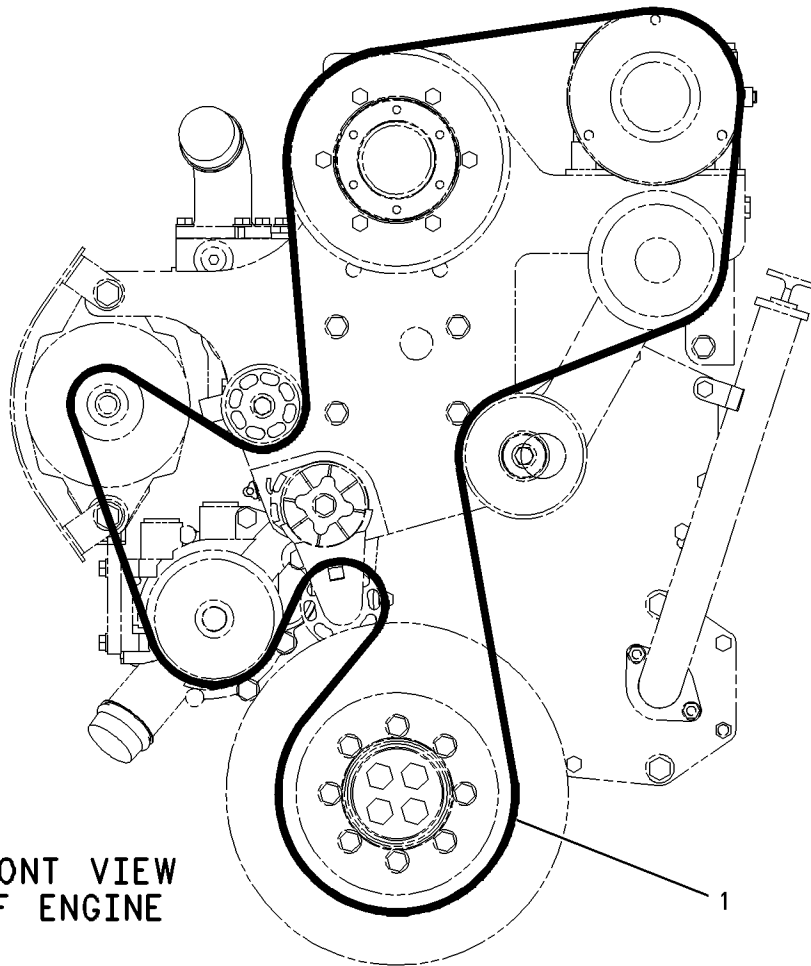
S/N: CCK1-UP

PART OF 226-3406 COOLING AR, 169-4912 SUPPRESSION AR-SOUND
AN ATTACHMENT

SMCS-1357

i01830913

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	202-3197	1	BELT (WITH A/C EUROPEAN MARKET)						



FRONT VIEW
OF ENGINE

GRAPHIC #1

<END>

g00773974

BASIC ENGINE

195-0681 BELT GP—WITH A/C, NORTH AMERICAN MARKET

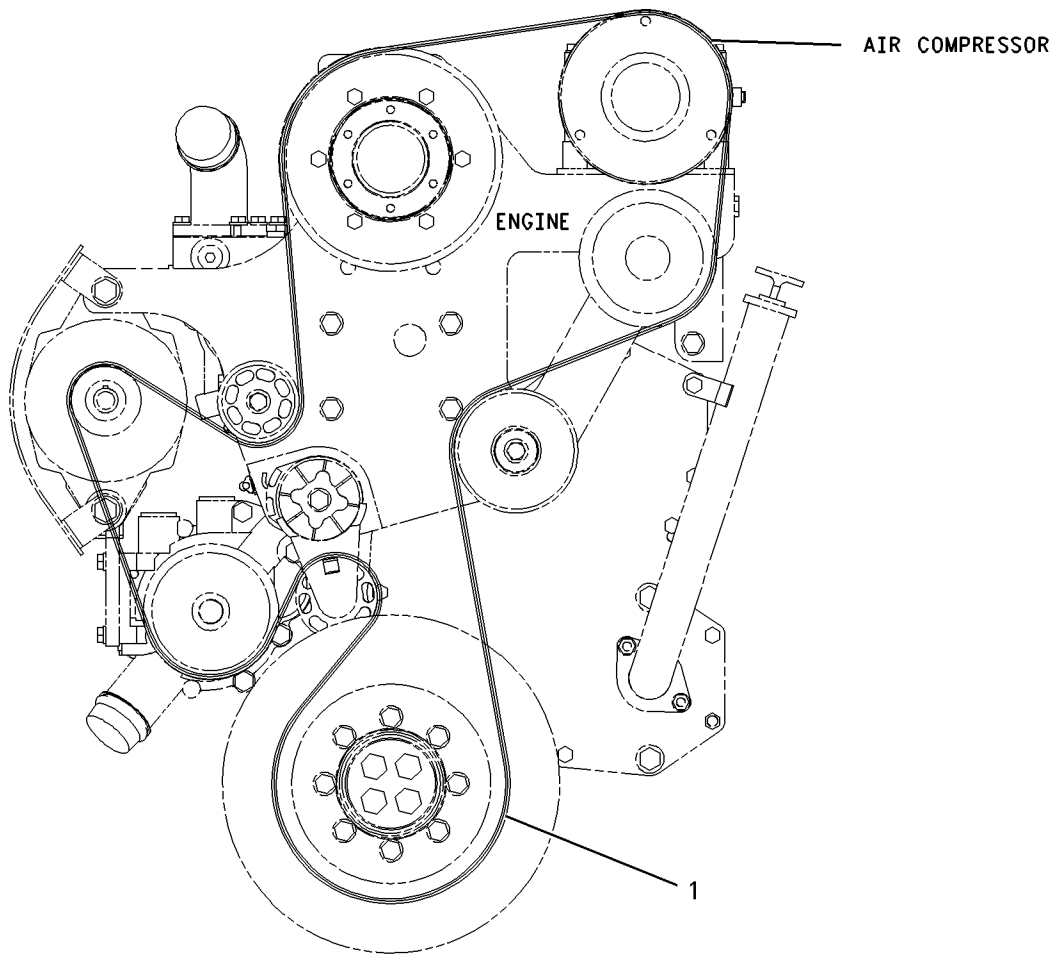
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PART OF 189-4622 INSTALLATION AR-ENGINE

SMCS-1357

i01882520

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	215-3015	1	BELT (WITH A/C NORTH AMERICAN MARKET)						



FRONT VIEW

GRAPHIC #1

<END>

g00942253

BASIC ENGINE

189-2221 BELT TIGHTENER GP

S/N: BMA1100-UP

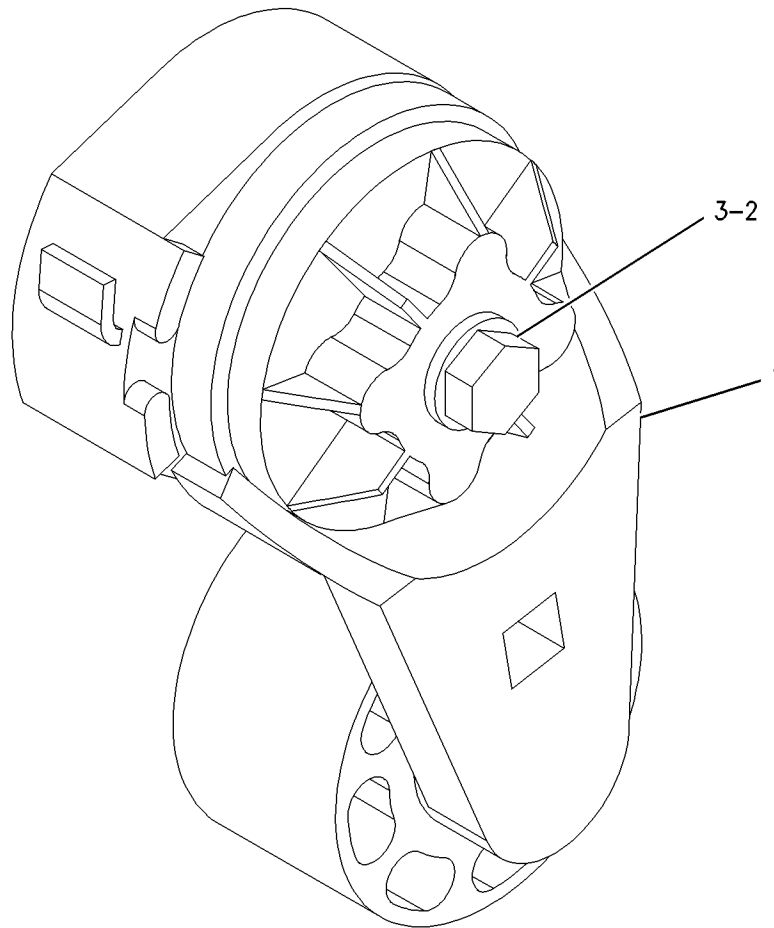
PART OF 191-4479, 191-4481 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1358

i01802412

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	144-1102	1	BELT TIGHTENER						
	2	1	6V-5839	1	WASHER (11X21X2.5MM THK)						
M	3	1	8T-0644	1	BOLT (M10X1.50X90MM)						

M-METRIC PART



GRAPHIC #1

<END>

g00714783

BASIC ENGINE

216-7922 CAMSHAFT GP

S/N: BMA1100-UP

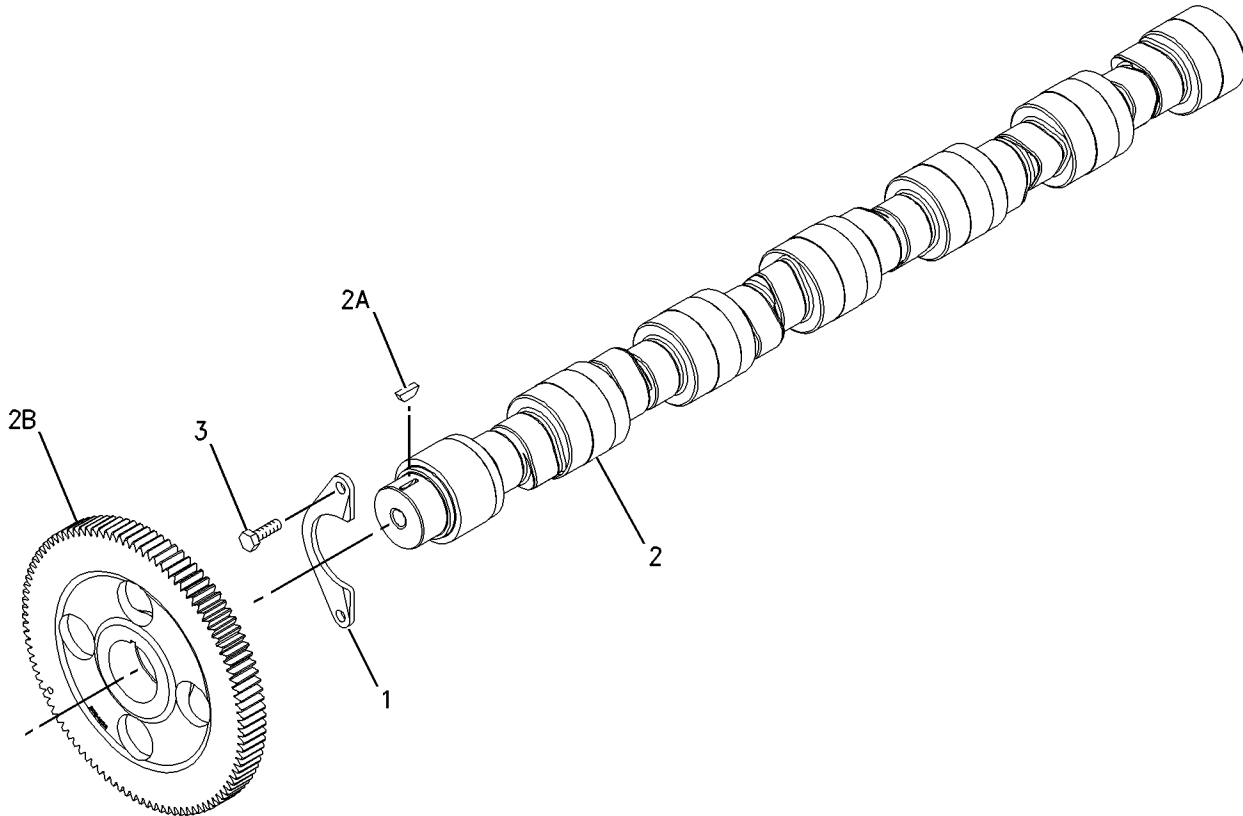
PART OF 191-4482 ENGINE AR-CORE
ALSO AN ATTACHMENT

SMCS-1210, 1211, 1212

i01743088

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	107-7694	1	PLATE-THRUST						
	2	1	216-7921	1	CAMSHAFT AS						
	2A	1	1B-8705	1	KEY-WOODRUFF						
	2B	1	205-1322	1	GEAR (100 TEETH)						
M	3	1	6V-3940	2	BOLT (M8X1.25X25MM)						

M-METRIC PART



GRAPHIC #1

<END>

g00869530

BASIC ENGINE

132-3844 CARRIER GP-SEAL

S/N: BMA1100-UP

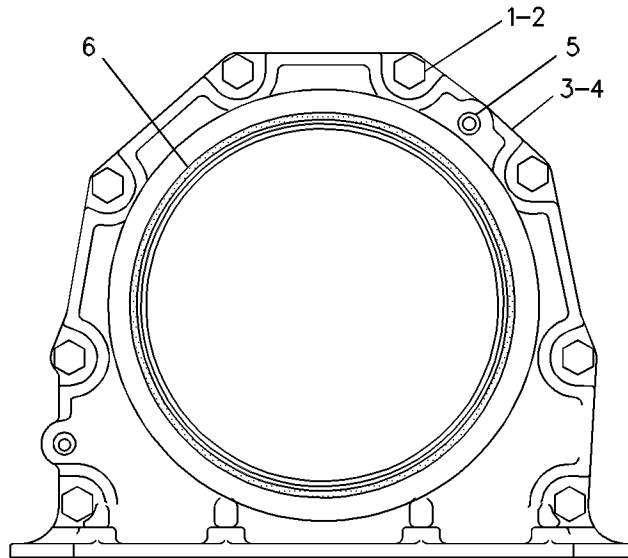
PART OF 191-4479, 191-4481 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1161

i01487432

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	6V-3940	8	BOLT (M8X1.25X25MM)						
	2	1	9M-1974	8	WASHER-HARD (8.8X16X2MM THK)						
	3	1	2W-6546	1	COVER						
B	4	1	1U-8846		SEALANT-GASKET						
	5	1	6V-3538	2	DOWEL						
	6	1	8C-3091	1	SEAL-O-RING						

B-USE AS REQUIRED
M-METRIC PART



MOUNTED ON REAR OF CYLINDER BLOCK

GRAPHIC #1

<END>

g00108845

BASIC ENGINE

143-4926 COVER GP-CYLINDER BLOCK

S/N: BMA1100-UP

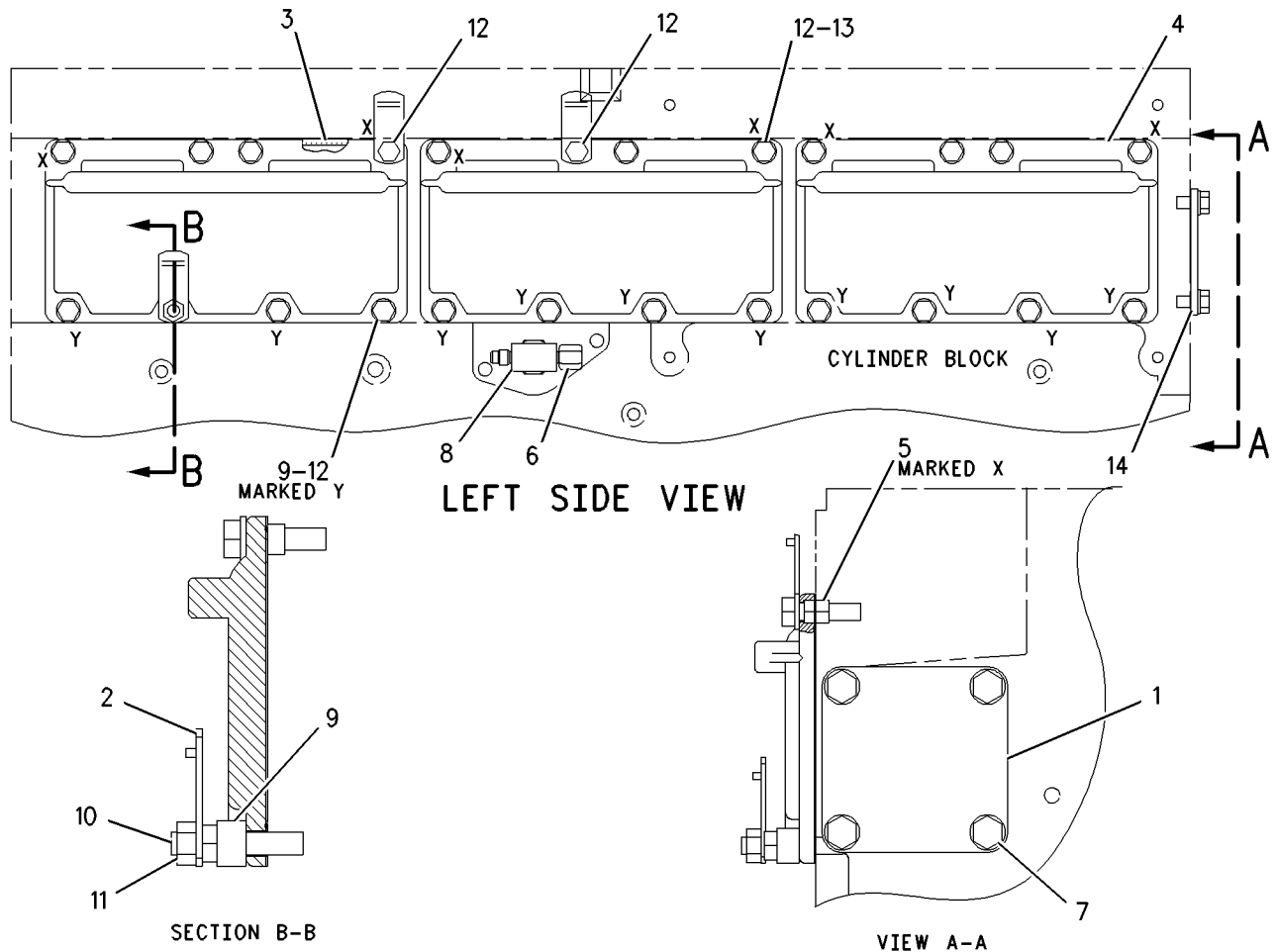
PART OF 191-4479, 191-4481 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1201

i01801851

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2W-6544	1	COVER						
	2	1	4P-5918	3	CLIP						
	3	1	4Y-9652	3	GASKET						
	4	1	7W-3871	3	COVER-SIDE						
	5	1	7W-3872	6	SLEEVE						
	7	1	110-7618	4	BOLT AS						
	8	1	152-3414	1	TEE AS						
		1	3K-0360	1	SEAL-O-RING						
	9	1	175-1367	12	SPACER (8.8X16X10MM THK)						
	10	1	210-3321	1	STUD						
M	11	1	5C-7261	1	NUT (M8X1.25 THD)						
M	12	1	6V-2317	23	BOLT (M8X1.25X30MM)						
	13	1	9M-1974	10	WASHER-HARD (8.8X16X2MM THK)						
B	14	1	1U-8846		SEALANT-GASKET						

B- USE AS REQUIRED
M- METRIC PART



GRAPHIC #1

<END>

g00922574

BASIC ENGINE

136-8888 COVER GP-FRONT HOUSING

S/N: BMA1100-UP

PART OF 191-4479, 191-4481 ENGINE AR-COMplete

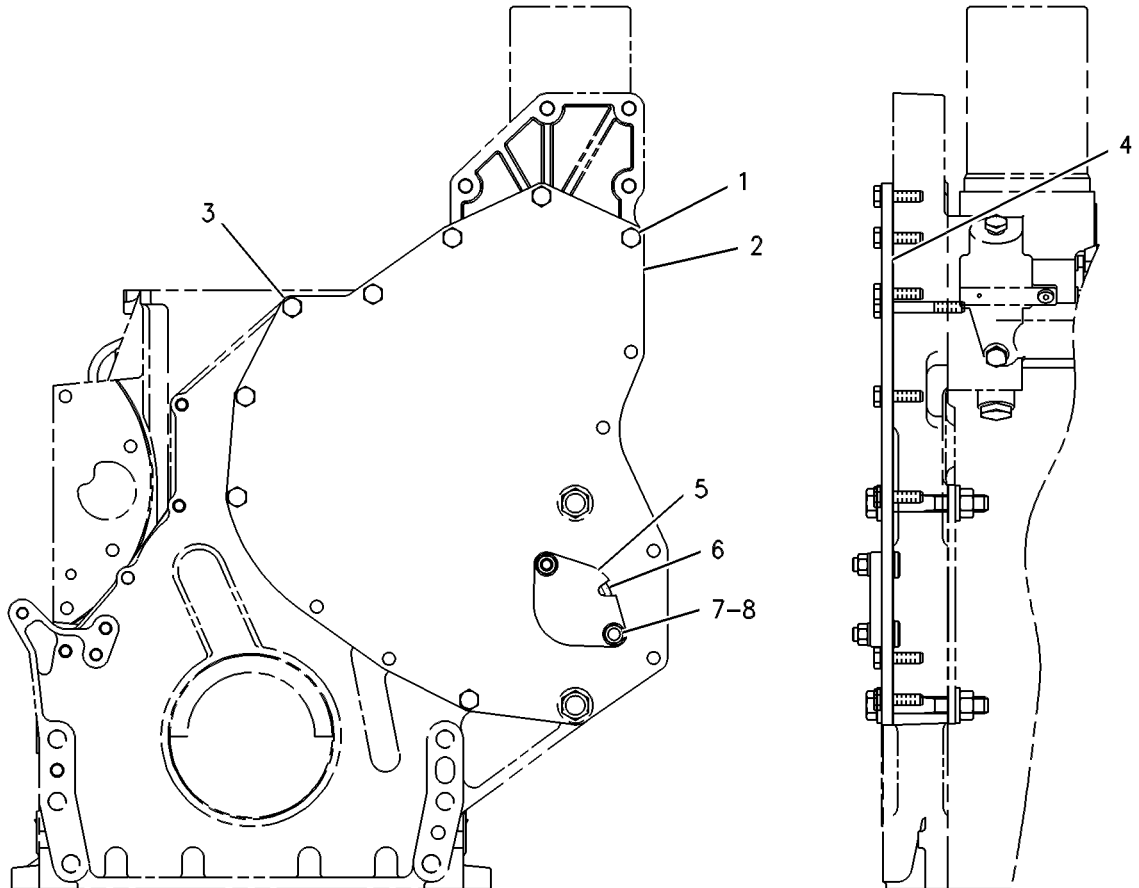
ALSO AN ATTACHMENT

SMCS-1151, 1162, 1166

i01802408

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	6V-2317	7	BOLT (M8X1.25X30MM)						
	2	1	136-0823	1	COVER AS-FRONT						
M	3	1	8T-0100	1	BOLT (M8X1.25X60MM)						
	4	1	139-3526	1	GASKET						
	5	1	7C-1445	1	COVER						
	6	1	061-9455	1	SEAL-O-RING						
	7	1	8T-4224	2	WASHER-HARD (8.8X16X2MM THK)						
M	8	1	5C-7261	2	NUT (M8X1.25 THD)						

M-METRIC PART



FRONT VIEW

LEFT SIDE VIEW

GRAPHIC #1

<END>

g00286201

BASIC ENGINE

153-1832 COVER GP - VALVE MECHANISM

S/N: BMA1100-UP

PART OF 191-4479, 191-4481 ENGINE AR-COMplete

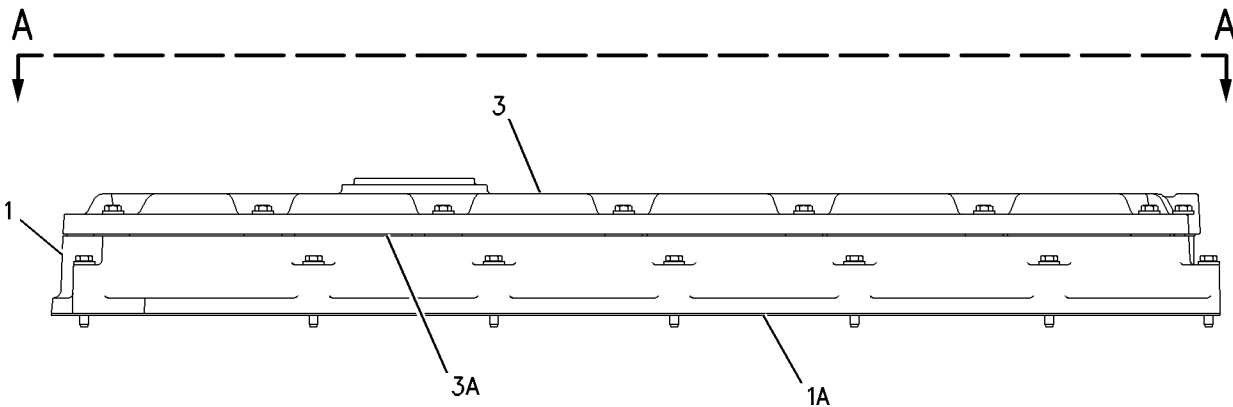
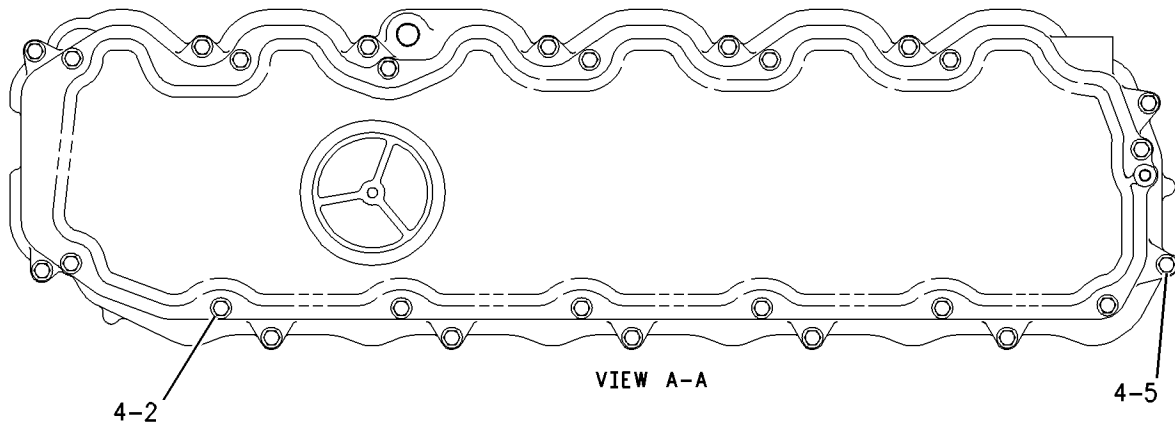
ALSO AN ATTACHMENT

SMCS-1107, 1120

i01873065

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	167-8361	1	COVER AS-BASE						
D	1A	1	5P-5678		SEAL (2M)						
M	2	1	2W-9499	14	BOLT (M6X1.0X40MM)						
	3	1	172-6280	1	COVER AS-TOP						
D	3A	1	5P-5678		SEAL (2M)						
	4	1	5P-0537	28	WASHER-HARD (7.2X14.5X2MM THK)						
M	5	1	6V-7728	14	BOLT (M6X1.0X45MM)						

D-ORDER BY THE METER
M-METRIC PART



GRAPHIC #1

<END>

g00676906

BASIC ENGINE

113-6087 CRANKSHAFT GP

S/N: BMA1100-UP

PART OF 191-4482 ENGINE AR-CORE

ALSO AN ATTACHMENT

SMCS-1202, 1203, 1204, 1230, 1231, 1232

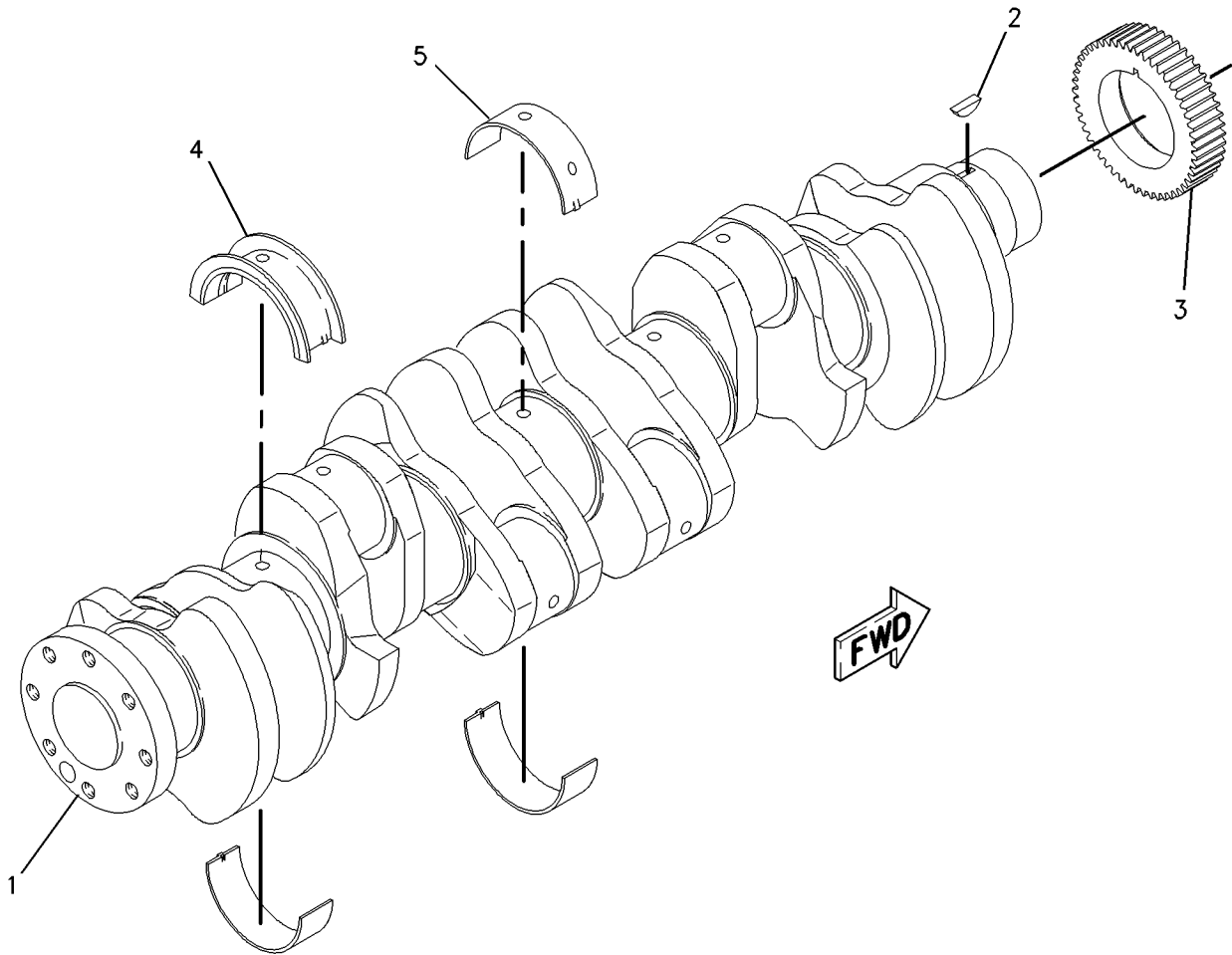
i01882522

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
R	1	1	105-1725	1	CRANKSHAFT AS						
	2	1	1B-8705	1	KEY-WOODRUFF						
	3	1	2W-8147	1	GEAR (50 TEETH)						
J	4	1	212-4893	1	BEARING-THRUST						
J	5	1	107-7708	6	BEARING-MAIN						
AB		1	145-0168		BEARING-MAIN (0.5MM OS)						
AB		1	145-0170		BEARING-MAIN (0.5MM US - 0.5MM OS)						
AB		1	145-0162		BEARING-MAIN (0.25MM US)						
AB		1	145-0164		BEARING-MAIN (0.5MM US)						
ABF		1	7C-7980	1	SLEEVE-OIL SEAL (CRANKSHAFT)						
					(THIS WEAR SLEEVE IS USED ONLY TO SALVAGE (REPAIR) THE REAR SEAL SURFACE OF THE CRANKSHAFT)						
					AVAILABLE REPAIR KIT(S) :						
J			196-9519		KIT-MAIN BEARING (CRANKSHAFT)						
A-NOT PART OF THIS GROUP B-USE AS REQUIRED F-NOT SHOWN J-KIT MARKED J SERVICES PARTS MARKED J R-REMGF PART MAY BE AVAILABLE											

BASIC ENGINE

113-6087 CRANKSHAFT GP (contd.)

i01882522



GRAPHIC #1

<END>

g00785631

BASIC ENGINE

129-1163 CYLINDER BLOCK GP

S/N: BMA1100-UP

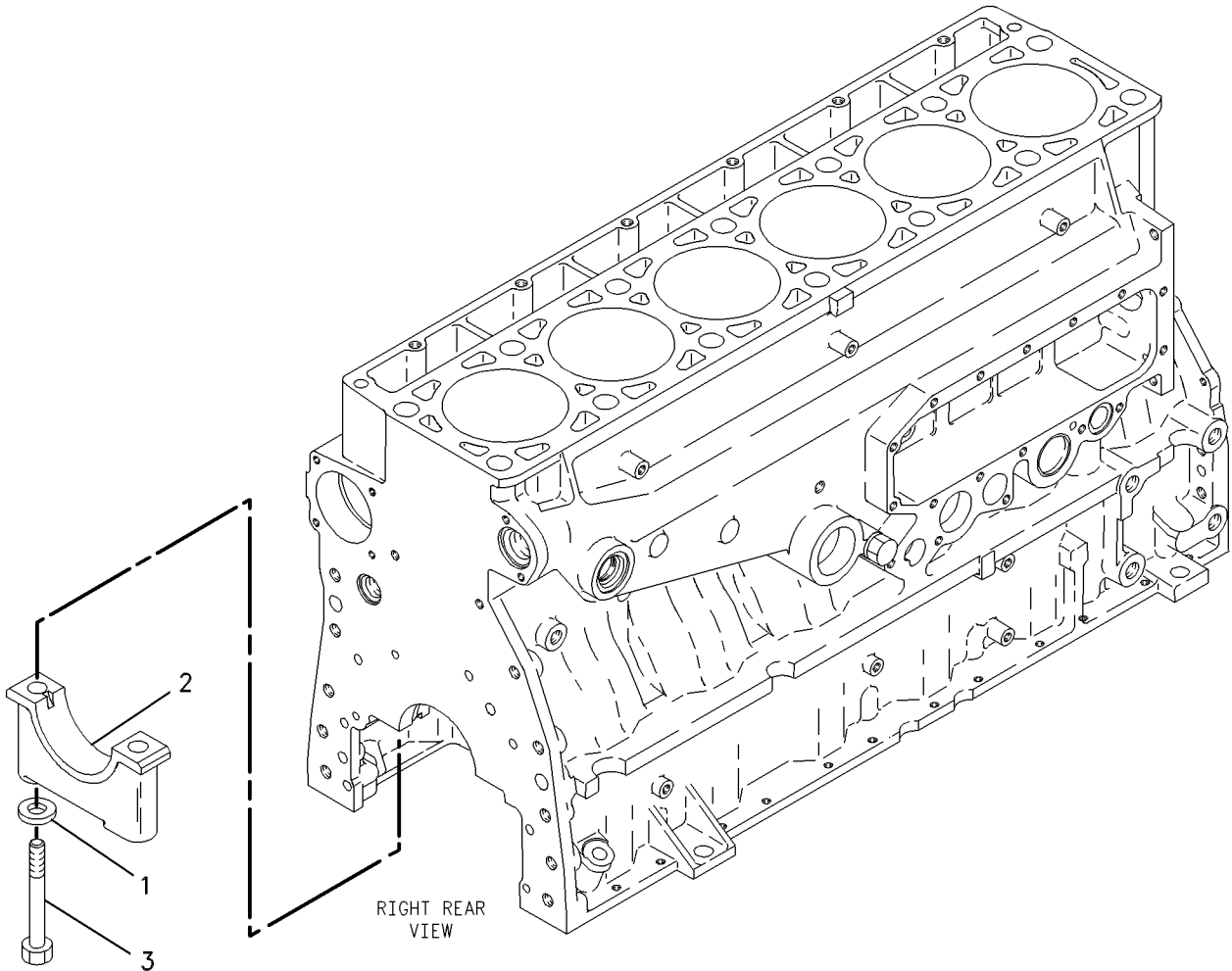
PART OF 129-1164 CYLINDER BLOCK GP
ALSO AN ATTACHMENT

SMCS-1201

i01889624

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-8247	14	WASHER-HARD (17X32X3.5MM THK)						
	2	1	7E-2968	7	CAP-CRANKSHAFT BEARING						
M	3	1	9X-8916	14	BOLT (M16X2.0X140MM)						

M-METRIC PART



GRAPHIC #1

<END>

g00284455

BASIC ENGINE

129-1164 CYLINDER BLOCK GP*R

S/N: BMA1100-UP

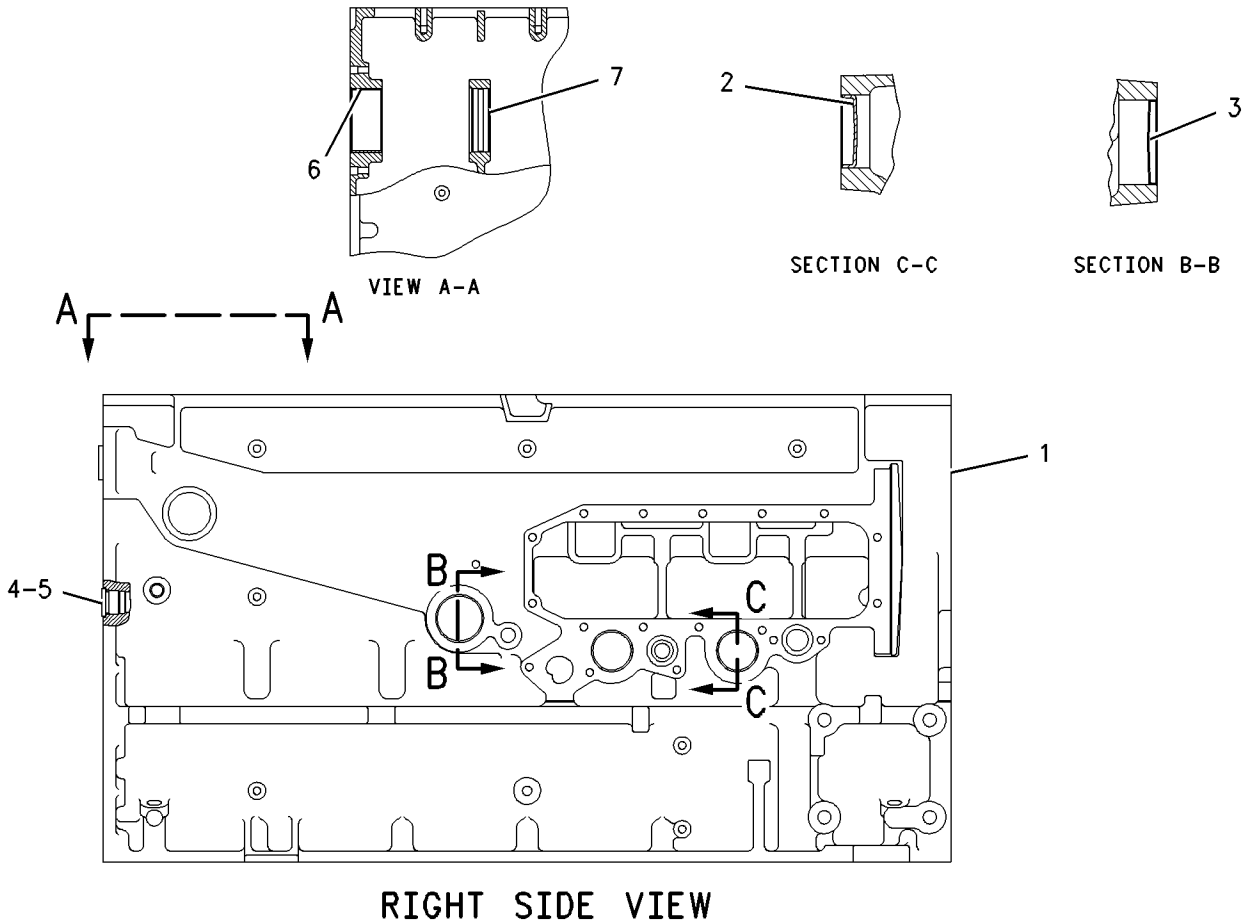
PART OF 129-1165 CYLINDER BLOCK GP
ALSO AN ATTACHMENT

SMCS-1201

i01818558

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	129-1163	1	CYLINDER BLOCK GP						17
	2	1	2M-6471	2	PLUG-CUP						
	3	1	3H-5552	1	PLUG-CUP						
	4	1	9S-8006	1	PLUG						
	5	1	2M-9780	1	SEAL-O-RING						
	6	1	216-5586	1	BEARING-SLEEVE (CAMSHAFT)						
	7	1	2W-7213	6	BEARING-SLEEVE (CAMSHAFT)						

Y- SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00892412

BASIC ENGINE

129-1165 CYLINDER BLOCK GP

S/N: BMA1100-UP

PART OF 191-4482 ENGINE AR-CORE

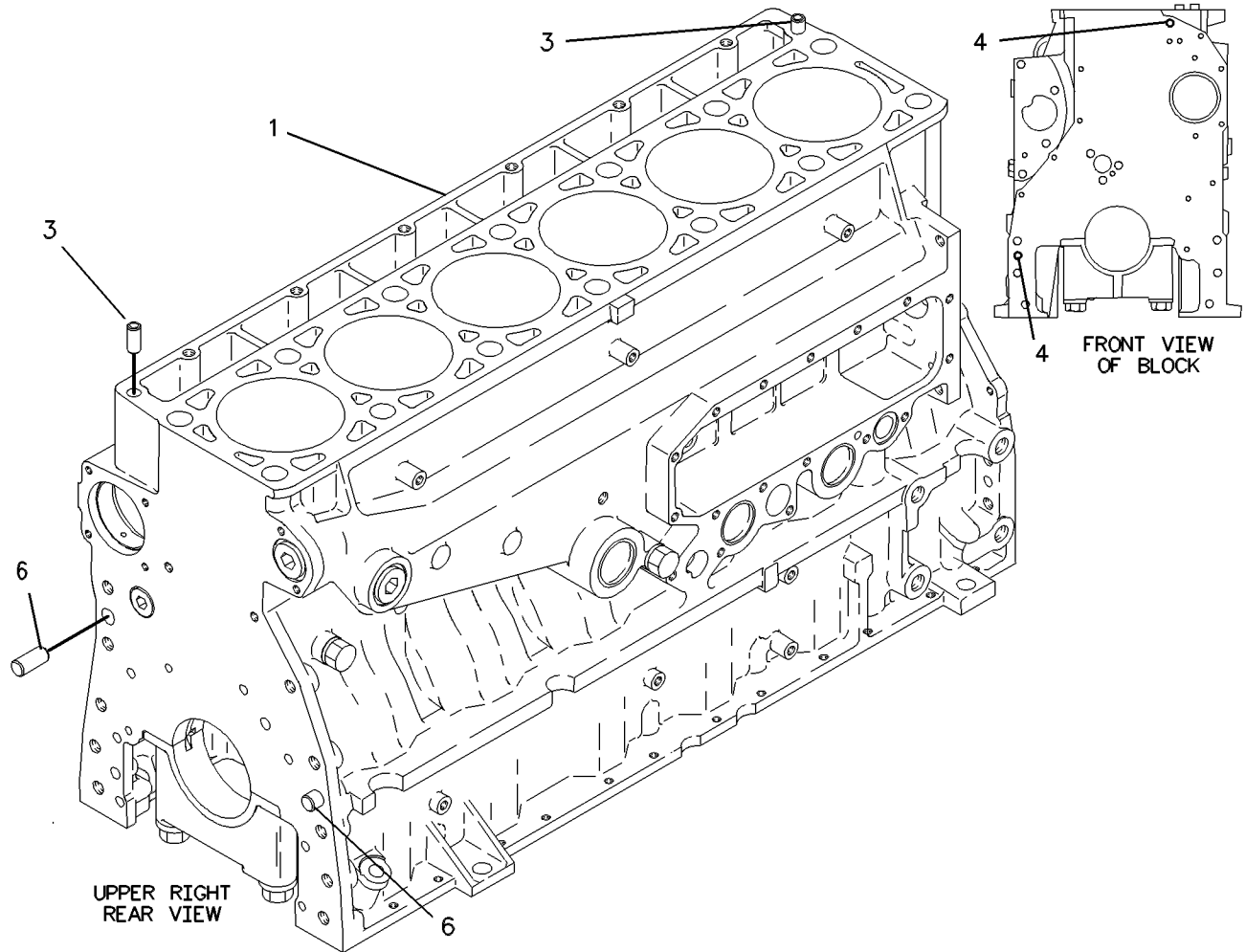
ALSO AN ATTACHMENT

SMCS-1201

i01298139

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
YR	1	1	129-1164	1	CYLINDER BLOCK GP						18
	3	1	1W-8407	2	SLEEVE						
	4	1	6V-3538	2	DOWEL (20MM OAL)						
	6	1	7N-5683	2	DOWEL (20MM OAL)						

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00588544

BASIC ENGINE

205-1271 CYLINDER HEAD AS

S/N: BMA1100-UP

PART OF 205-1272 CYLINDER HEAD AS, 205-1273 CYLINDER HEAD GP

FIELD REPLACEMENT ORDER 205-1272-PAGE 22

ALSO AN ATTACHMENT

SMCS-1100, 1101, 1103, 1104, 1105, 1106, 1108, 1109,
1115, 1117, 1121, 1124, 1125

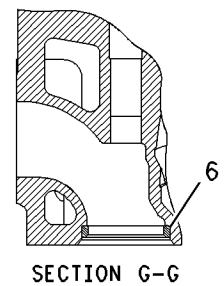
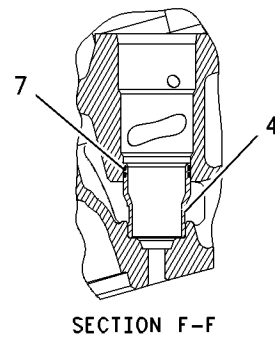
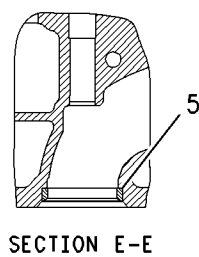
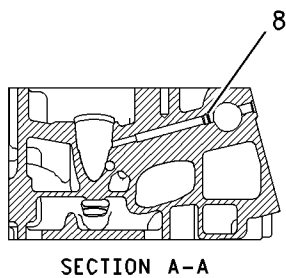
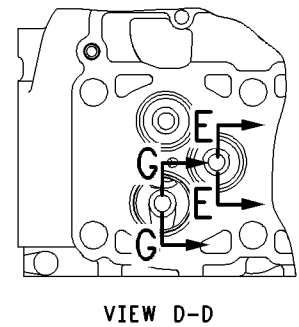
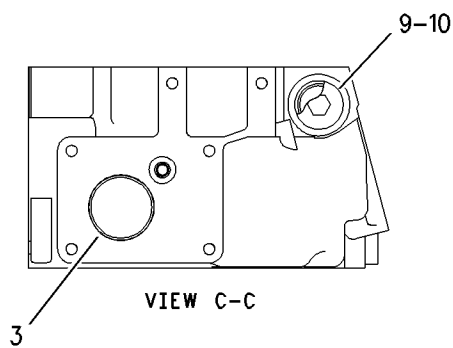
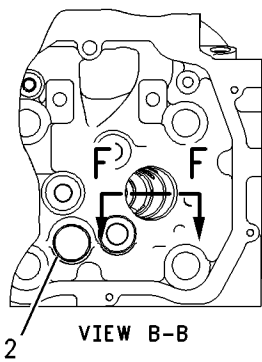
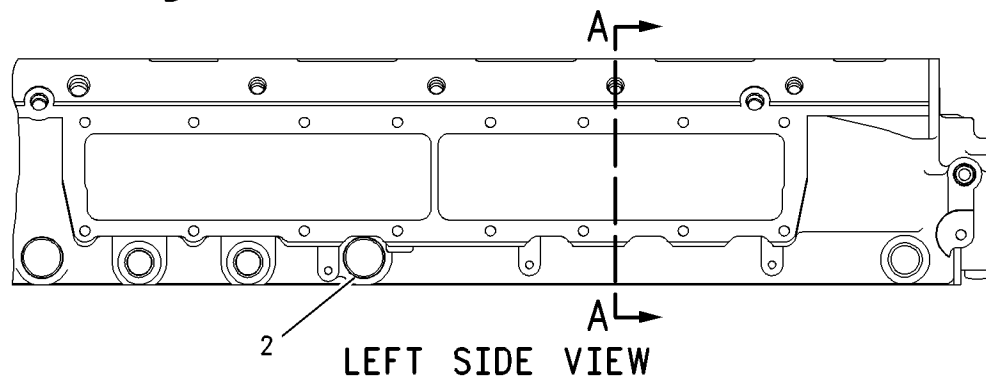
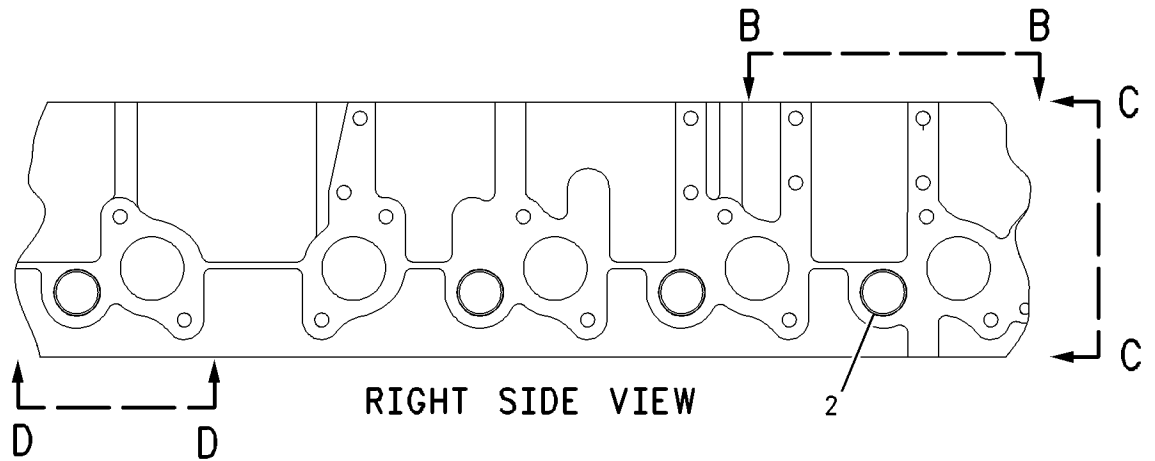
i01693167

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	2	1	8M-5860	12	PLUG-CUP						
	3	1	4F-5695	2	PLUG-CUP						
	4	1	159-0300	6	SLEEVE-INJECTOR						
	5	1	155-9504	12	INSERT-VALVE SEAT (INLET)						
	6	1	147-8218	6	INSERT-VALVE SEAT (EXHAUST)						
	7	1	8C-0563	12	SEAL-O-RING						
	8	1	154-8025	6	SETSCREW-SOCKET						
	9	1	9S-9334	1	PLUG						
	10	1	9X-7712	1	SEAL-O-RING						

BASIC ENGINE

205-1271 CYLINDER HEAD AS (contd.)

i01693167



GRAPHIC #1

<END>

g00826091

BASIC ENGINE

205-1272 CYLINDER HEAD AS

S/N: BMA1100-UP

FIELD REPLACEMENT FOR 205-1271--PAGE 20

SMCS-1100, 1101, 1103, 1104, 1105, 1106, 1108, 1109,
1115, 1117, 1121, 1124, 1125

i01693212

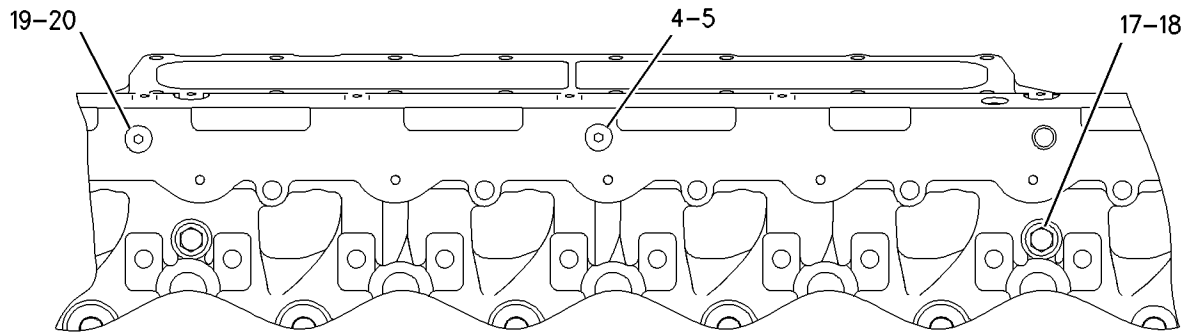
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	205-1271	1	CYLINDER HEAD AS						20
	2	1	9S-8002	6	PLUG-O-RING						
	3	1	6V-5048	6	SEAL-O-RING						
	4	1	9S-8004	4	PLUG						
	5	1	3J-1907	4	SEAL-O-RING						
	6	1	147-8214	12	SEAL-VALVE STEM						
	7	1	140-9670	12	GUIDE-VALVE						
	8	1	9S-8006	1	PLUG						
	9	1	2M-9780	1	SEAL-O-RING						
	10	1	9S-9334	1	PLUG						
	11	1	9X-7712	1	SEAL-O-RING						
	12	1	147-8220	6	GUIDE-VALVE						
	13	1	102-6229	6	SEAL-VALVE STEM						
	14	1	137-6715	6	SEAT-VALVE SPRING						
	15	1	9S-8005	1	PLUG-O-RING						
	16	1	3K-0360	1	SEAL-O-RING						
	17	1	1N-5999	2	PLUG						
	18	1	7J-0204	2	SEAL-O-RING						
	19	1	9S-8003	1	PLUG-O-RING						
	20	1	1J-9671	1	SEAL-O-RING						

Y- SEPARATE ILLUSTRATION

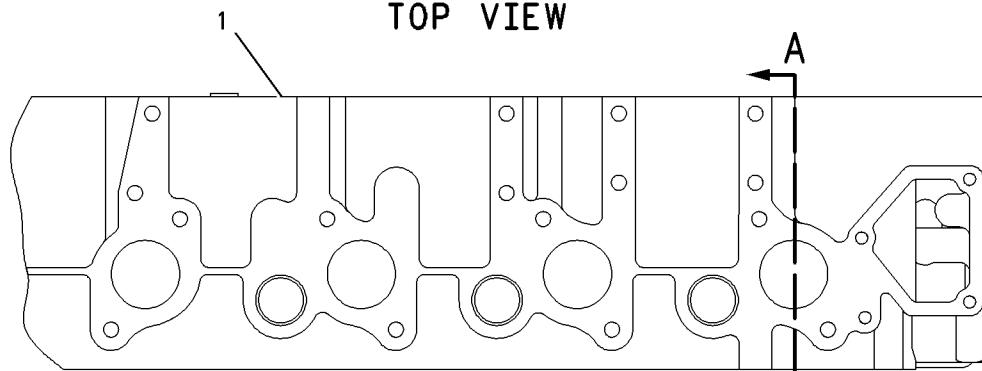
BASIC ENGINE

205 - 1272 CYLINDER HEAD AS (contd.)

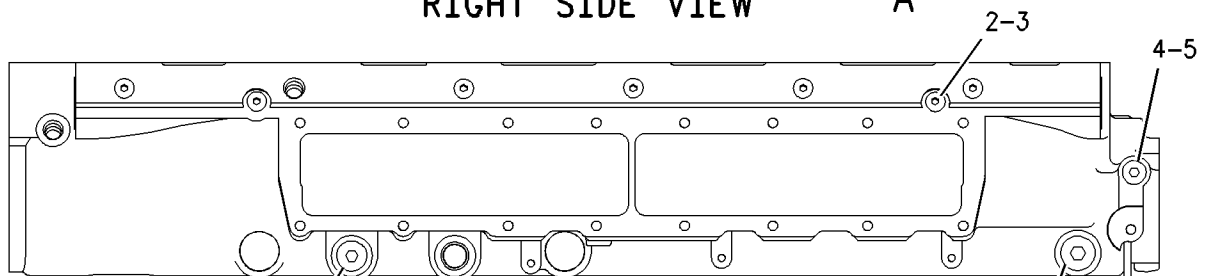
i01693212



TOP VIEW

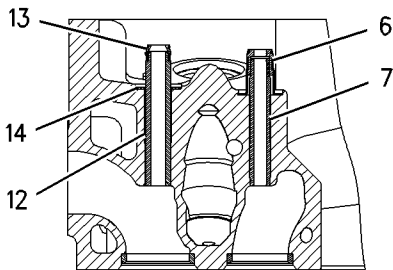


RIGHT SIDE VIEW

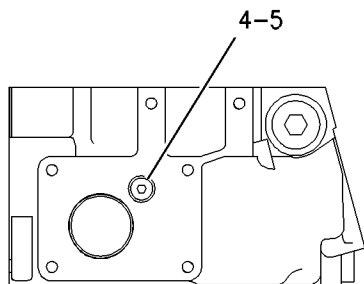


LEFT SIDE VIEW

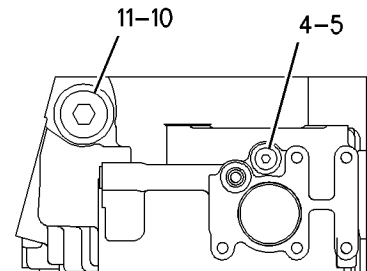
16-15



SECTION A-A



FRONT VIEW



REAR VIEW

GRAPHIC #1

<END>

g00847258

BASIC ENGINE

133-3742 CYLINDER HEAD GP

S/N: BMA1100-UP

PART OF 191-4482 ENGINE AR-CORE

ALSO AN ATTACHMENT

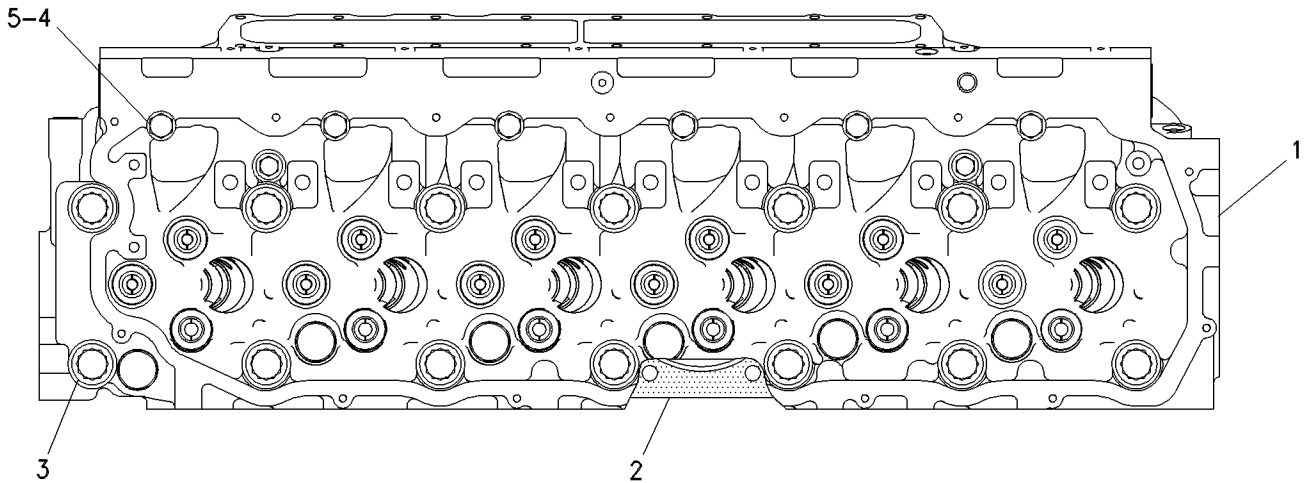
SMCS-1100, 1103, 1104, 1105, 1106, 1108, 1109,
1115, 1117, 1121, 1124, 1125

i01696098

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	205-1274	1	CYLINDER HEAD GP						27
	2	1	133-4995	1	GASKET-CYLINDER HEAD						
	3	1	8T-3282	14	WASHER-HARD (22X35X3.5MM THK)						
M			138-3252	14	BOLT-12 POINT HEAD						
	4	1	8T-7950	6	BOLT (M10X1.5X180MM)						
	5	1	6V-5839	6	WASHER (11X21X2.5MM THK)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



TOP VIEW

GRAPHIC #1

<END>

g00334554

BASIC ENGINE

205-1273 CYLINDER HEAD GP

S/N: BMA1100-UP

PART OF 205-1274, 205-1275 CYLINDER HEAD GP

ALSO AN ATTACHMENT

SMCS-1100, 1103, 1104, 1105, 1106, 1108, 1109,
1115, 1117, 1121, 1124, 1125

i01696313

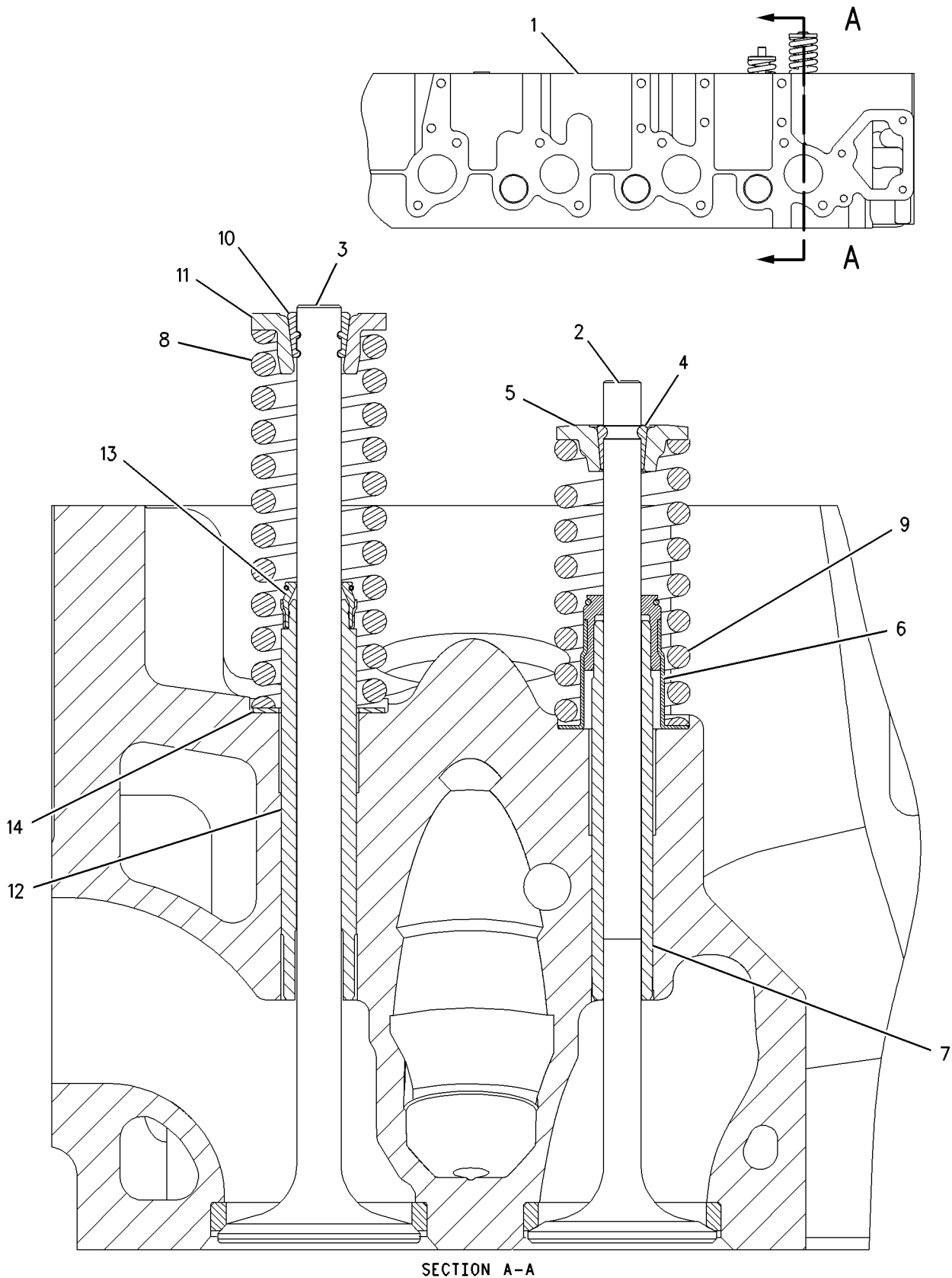
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	205-1271	1	CYLINDER HEAD AS						20
	2	1	145-7390	12	VALVE-INLET						
	3	1	147-8211	6	VALVE-EXHAUST						
	4	1	1W-2715	24	LOCK-RETAINER						
	5	1	7E-7779	12	RETAINER-SPRING						
	6	1	147-8214	12	SEAL-VALVE STEM						
	7	1	140-9670	12	GUIDE-VALVE						
	8	1	137-6718	6	SPRING-VALVE						
	9	1	140-6188	12	SPRING-VALVE						
	10	1	2A-4429	12	LOCK-RETAINER						
	11	1	134-4483	6	RETAINER-SPRING						
	12	1	147-8220	6	GUIDE-VALVE						
	13	1	102-6229	6	SEAL-VALVE STEM						
	14	1	137-6715	6	SEAT-VALVE SPRING						

Y-SEPARATE ILLUSTRATION

BASIC ENGINE

205-1273 CYLINDER HEAD GP (contd.)

i01696313



GRAPHIC #1

<END>

g00808330

BASIC ENGINE

205-1274 CYLINDER HEAD GP

S/N: BMA1100-UP

PART OF 133-3742 CYLINDER HEAD GP

FIELD REPLACEMENT ORDER 205-1275-PAGE 29

ALSO AN ATTACHMENT

SMCS-1100, 1103, 1104, 1105, 1106, 1108, 1109,
1115, 1117, 1121, 1124, 1125

i01696325

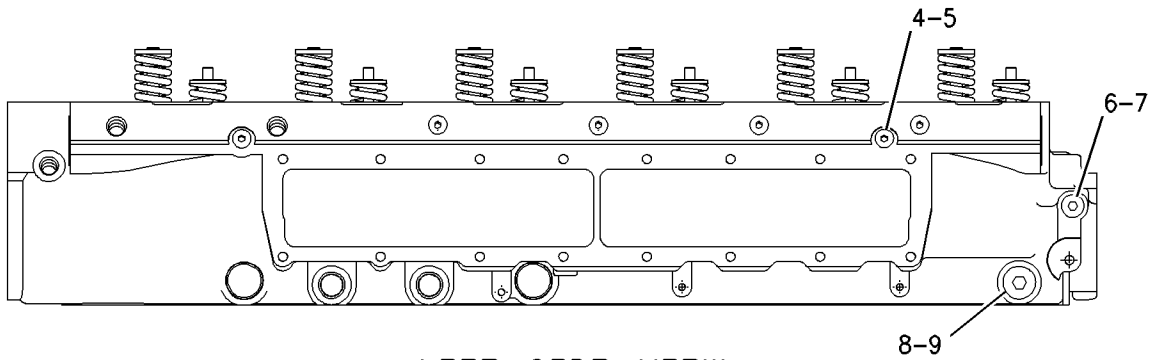
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					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	205-1273	1	CYLINDER HEAD GP						25
	2	1	1N-5999	2	PLUG						
	3	1	7J-0204	2	SEAL-O-RING						
	4	1	9S-8002	6	PLUG-O-RING						
	5	1	6V-5048	6	SEAL-O-RING						
	6	1	9S-8004	3	PLUG						
	7	1	3J-1907	3	SEAL-O-RING						
	8	1	9S-8006	1	PLUG						
	9	1	2M-9780	1	SEAL-O-RING						
	10	1	9S-9334	1	PLUG						
	11	1	9X-7712	1	SEAL-O-RING						

Y-SEPARATE ILLUSTRATION

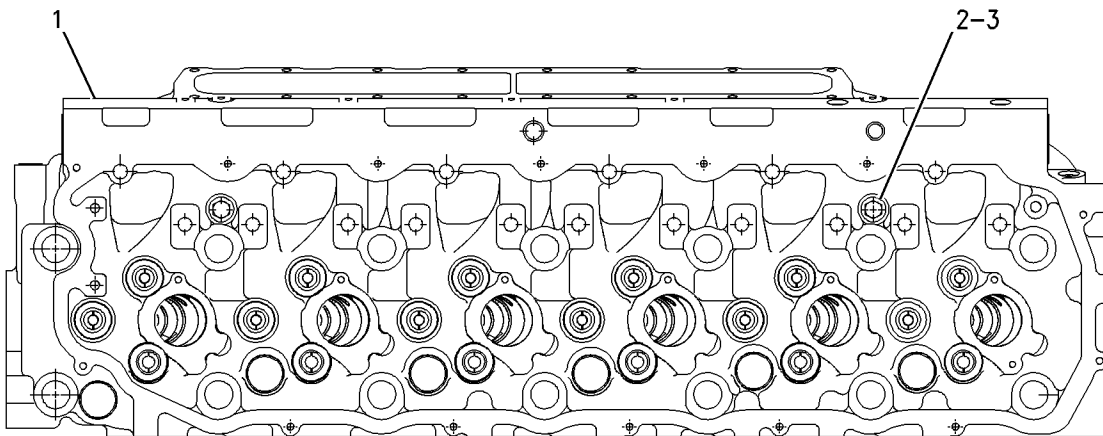
BASIC ENGINE

205-1274 CYLINDER HEAD GP (contd.)

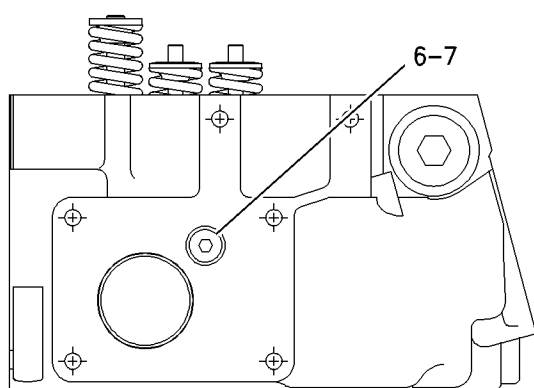
i01696325



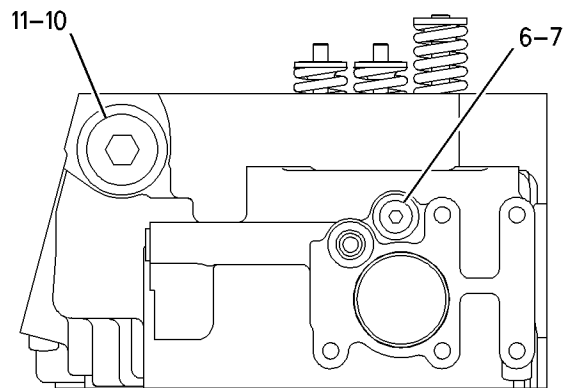
LEFT SIDE VIEW



TOP VIEW



FRONT VIEW



REAR VIEW

BASIC ENGINE

205-1275 CYLINDER HEAD GP

S/N: BMA1100-UP

FIELD REPLACEMENT FOR 205-1274--PAGE 27

SMCS-1100, 1103, 1104, 1105, 1106, 1108, 1109,
1115, 1117, 1121, 1124, 1125

i01698531

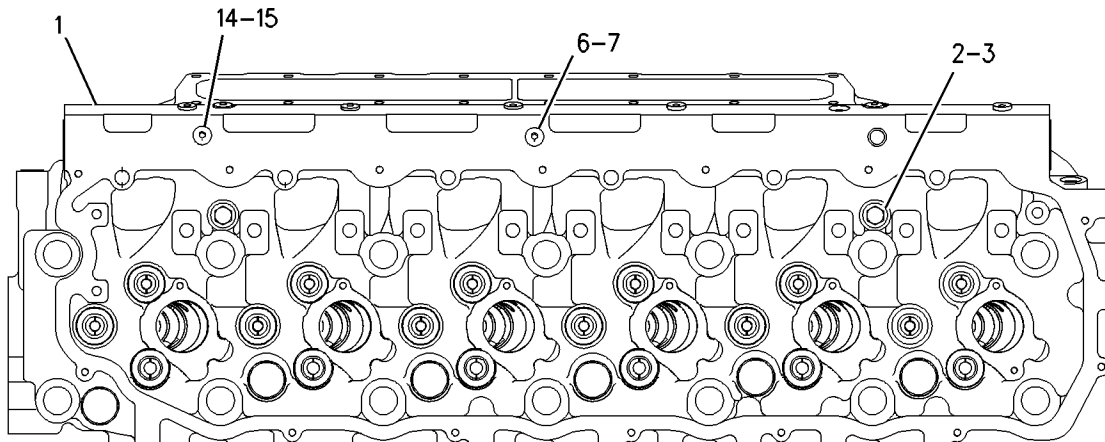
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	205-1273	1	CYLINDER HEAD GP						25
	2	1	1N-5999	2	PLUG						
	3	1	7J-0204	2	SEAL-O-RING						
	4	1	9S-8002	6	PLUG						
	5	1	6V-5048	6	SEAL-O-RING						
	6	1	9S-8004	4	PLUG						
	7	1	3J-1907	4	SEAL-O-RING						
	8	1	9S-8006	1	PLUG						
	9	1	2M-9780	1	SEAL-O-RING						
	10	1	9S-9334	1	PLUG						
	11	1	9X-7712	1	SEAL-O-RING						
	12	1	9S-8005	1	PLUG						
	13	1	3K-0360	1	SEAL-O-RING						
	14	1	9S-8003	1	PLUG (1/2-20 THD)						
	15	1	1J-9671	1	SEAL-O-RING						
	16	1	9S-4191	1	PLUG						
		1	3J-1907	1	SEAL-O-RING						

Y-SEPARATE ILLUSTRATION

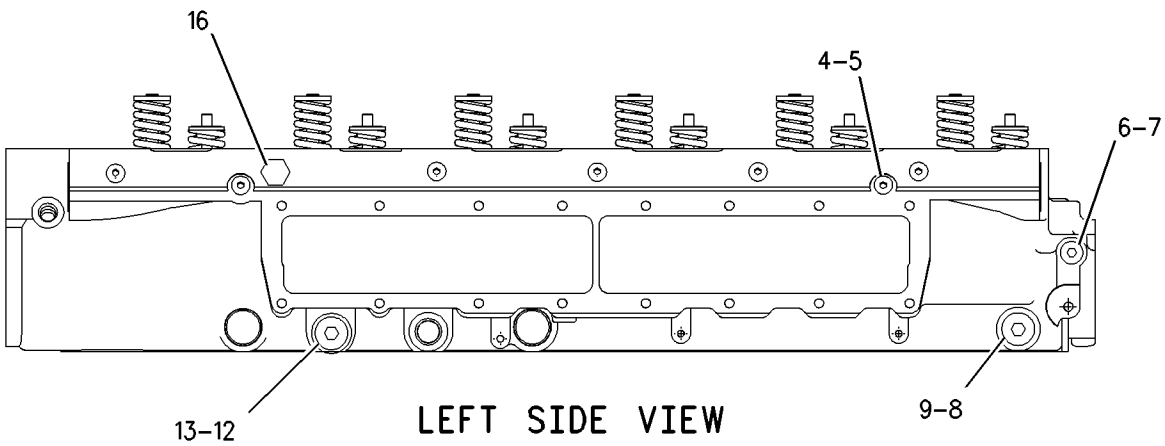
BASIC ENGINE

205 - 1275 CYLINDER HEAD GP (contd.)

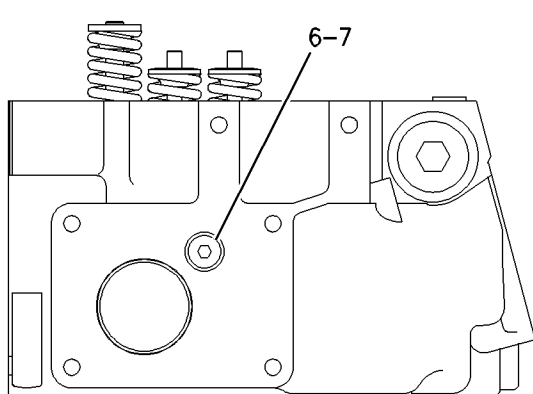
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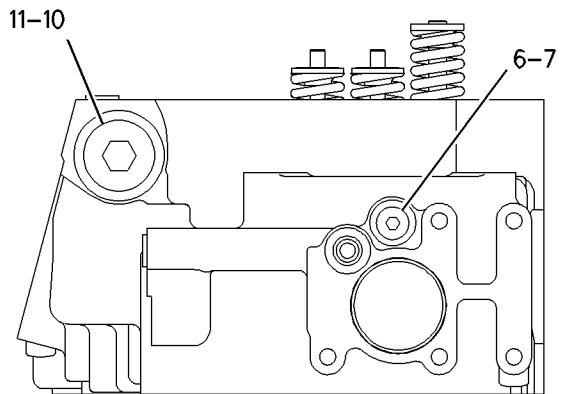
TOP VIEW



LEFT SIDE VIEW



FRONT VIEW



REAR VIEW

BASIC ENGINE

189-2227 DAMPER & PULLEY GP

S/N: BMA1100-UP

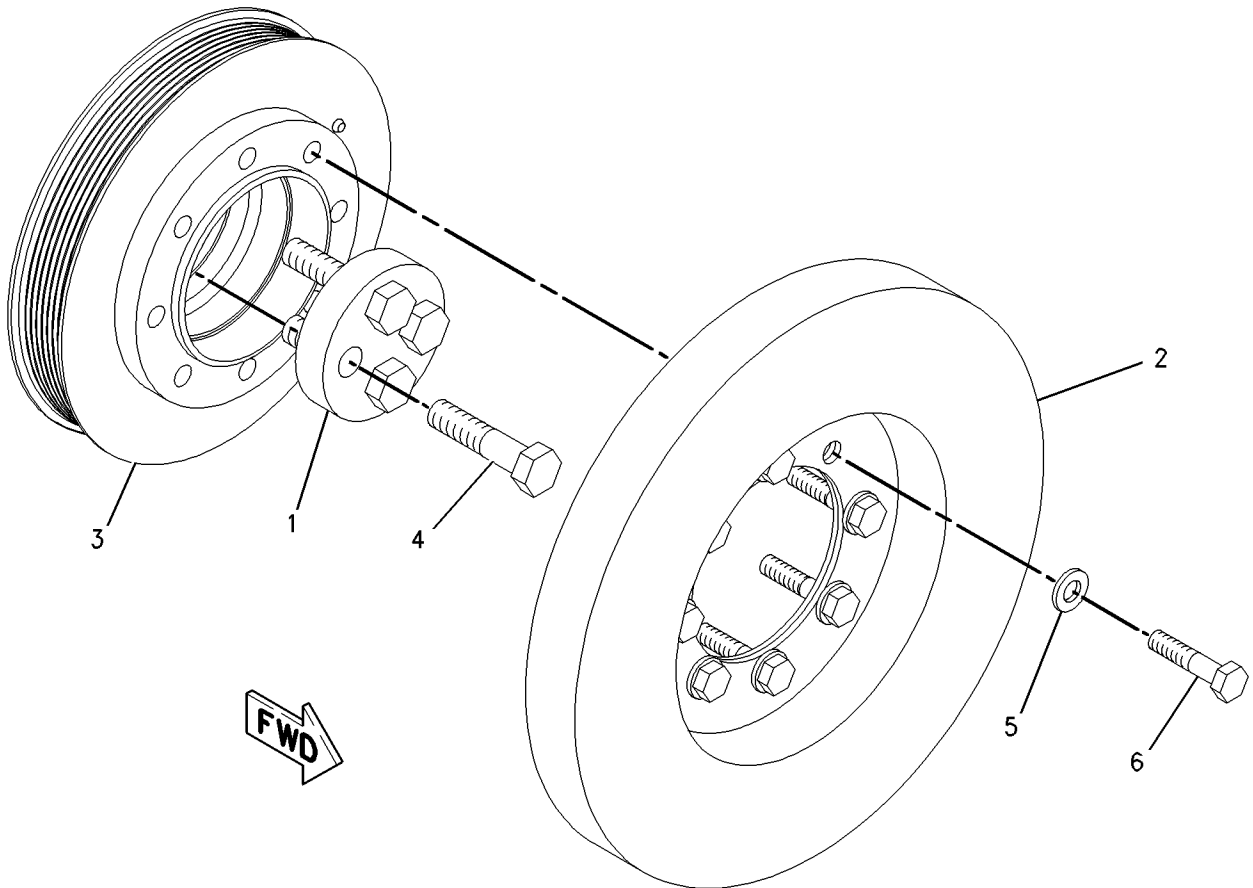
PART OF 191-4479, 191-4481 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1205

i01802473

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2W-7381	1	WASHER						
	2	1	167-8121	1	DAMPER AS						
	3	1	189-2233	1	PULLEY-CRANKSHAFT						
M	4	1	8T-3666	4	BOLT (M14X60MM)						
	5	1	8T-4121	8	WASHER-HARD (11X21X2.5MM THK)						
M	6	1	8T-4182	8	BOLT (M10X1.5X45MM)						

M-METRIC PART



GRAPHIC #1

<END>

g00729620

BASIC ENGINE

7C-4532 DRAIN GP-ENGINE OIL-SHUTOFF VALVE

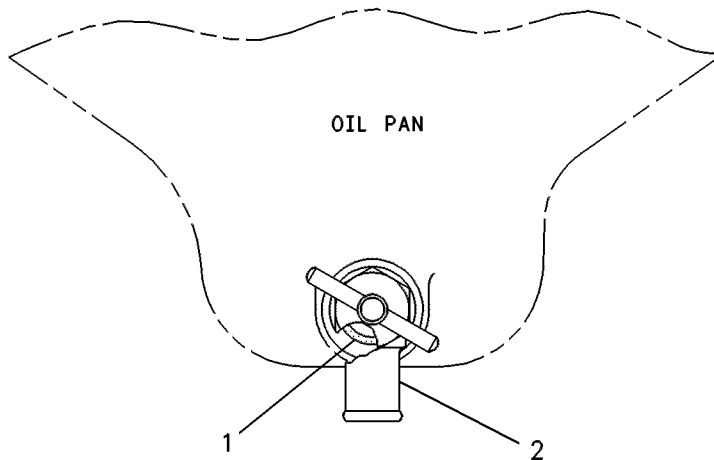
S/N: BMA1100-UP

PROVIDES A DRAIN VALVE FOR OIL PAN DRAIN
PART OF 191-4479, 191-4481 ENGINE AR-COMplete
FOR USE WITH OIL PAN & DRAIN LINE
ALSO AN ATTACHMENT

SMCS-1302

i01889819

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3K-0360	1	SEAL-O-RING (SUMP DRAIN)						
	2	1	6V-7238	1	VALVE-SHUTOFF (SUMP DRAIN)						



GRAPHIC #1

<END>

g00117513

BASIC ENGINE

7C-4566 DRAIN GP-ENGINE OIL-MAGNETIC PLUG

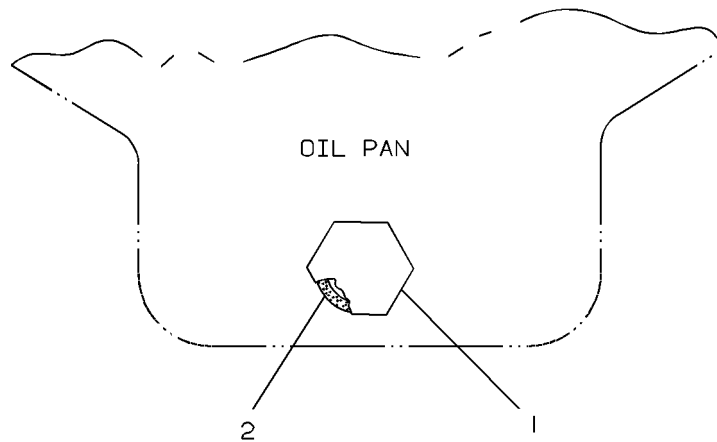
S/N: BMA1100-UP

PART OF 191-4479, 191-4481 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1302

i01802928

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	118-3619	1	PLUG (MAGNETIC OIL DRAIN)						
	2	1	3K-0360	1	SEAL-O-RING						



OIL PAN

2

1

GRAPHIC #1

<END>

g00125672

BASIC ENGINE

219-6339 DRAIN GP-ENGINE OIL-EXTENSION

S/N: CCK1-UP

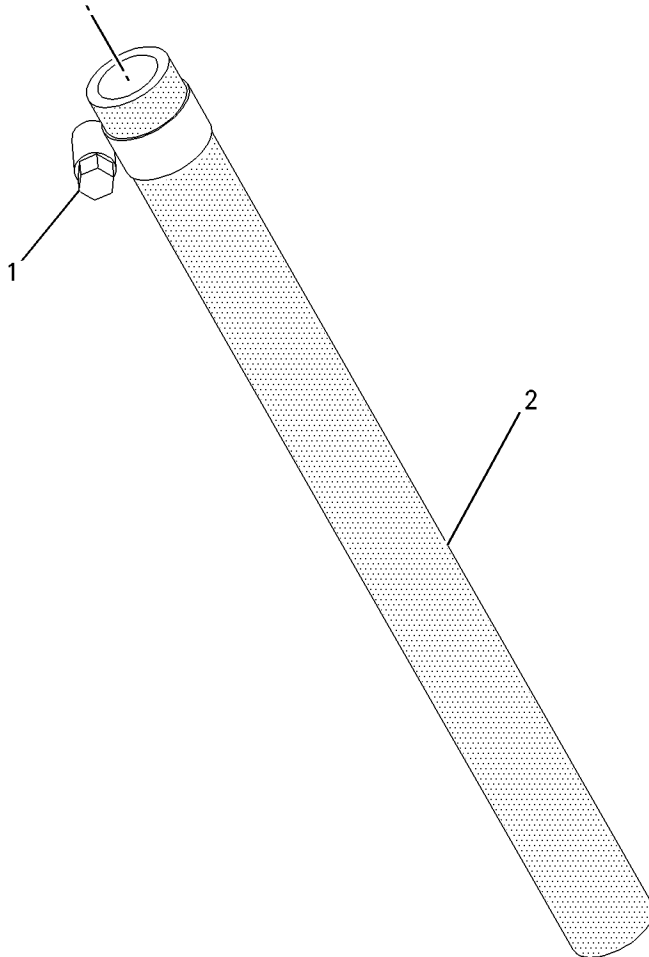
PART OF 189-4622 INSTALLATION AR-ENGINE

SMCS-1302

i01775493

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8T-0154	1	CLAMP-HOSE						
E	2	1	136-1953		HOSE (30CM)						

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g00911098

BASIC ENGINE

189-2203 DRIVE GP-FAN

S/N: BMA1100-UP

PART OF 189-2223 DRIVE GP-FAN

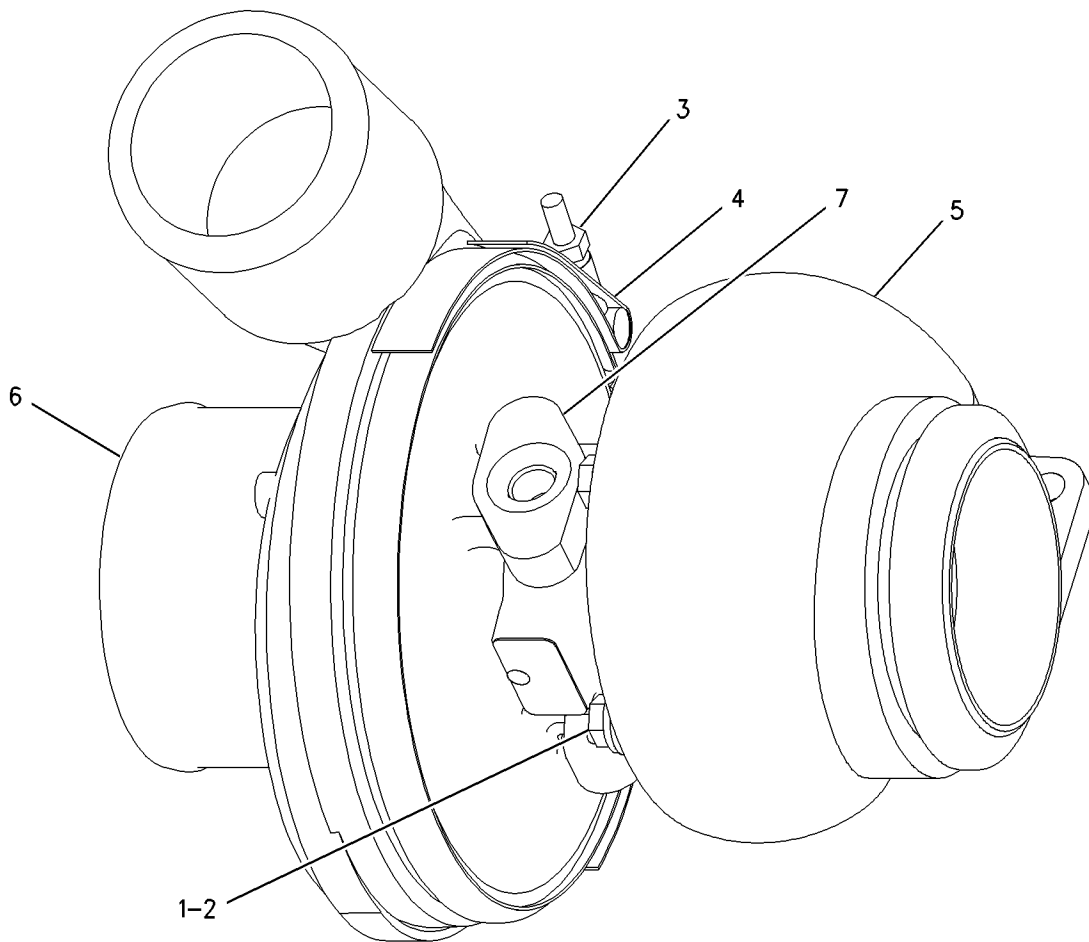
ALSO AN ATTACHMENT

SMCS-1357, 1358, 1359, 1390

i01889675

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4W-2042	1	SPACER (35.3X45.5X38.331MM THK)						
	2	1	5S-9062	1	SPACER (35.032X50.8X15.88MM THK)						
	3	1	7C-8369	1	HUB						
	4	1	7C-8634	1	PLATE						
	5	1	128-9571	2	CONE						
	6	1	128-9572	2	CUP						
	7	1	189-2205	1	BRACKET AS-FAN						
M	8	1	6V-8004	1	BOLT (M12X1.75X120MM)						
	9	1	6V-9748	1	SEAL-LIP						
	10	1	7C-8370	1	CAP-DUST						

M-METRIC PART



GRAPHIC #1

<END>

g00759808

BASIC ENGINE

189-2223 DRIVE GP-FAN-BELT

S/N: BMA1100-UP

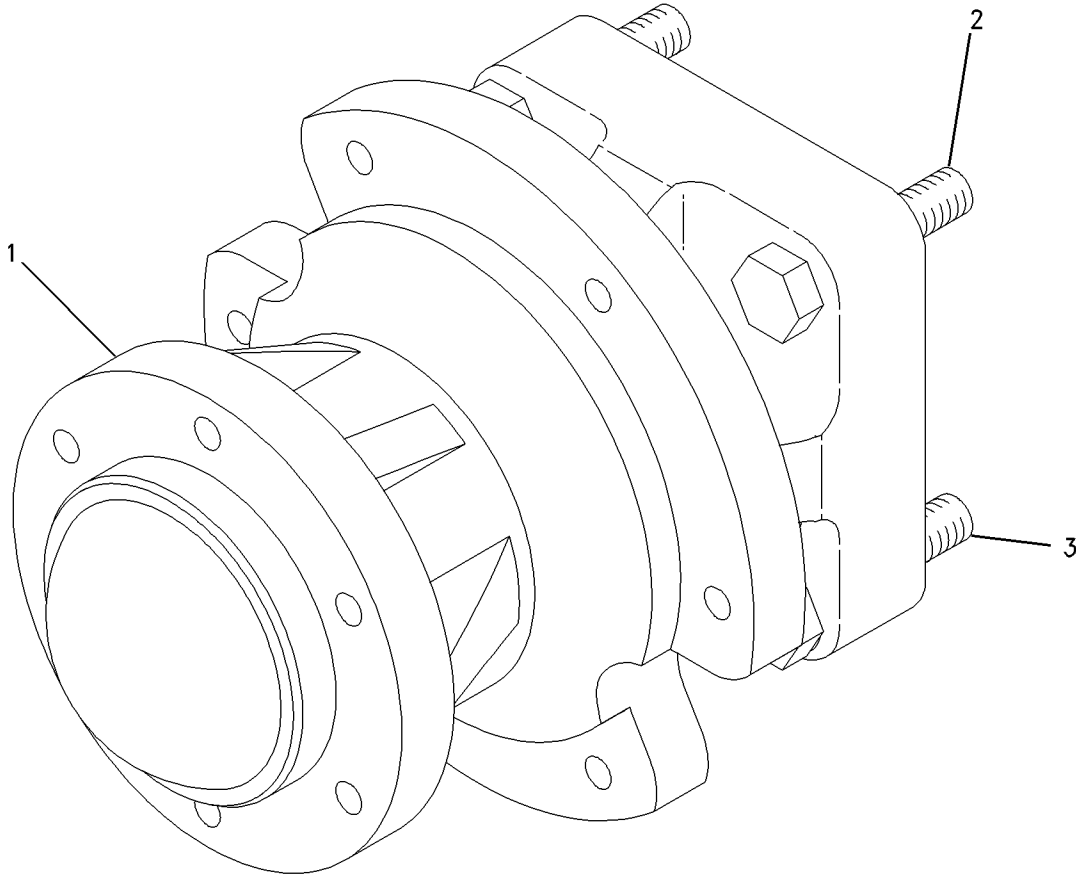
PART OF 191-4479, 191-4481 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1357, 1358, 1359, 1390

i01802471

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	189-2203	1	DRIVE GP-FAN						35
M	2	1	6V-4249	2	BOLT (M10X1.5X50 MM)						
M	3	1	6V-5843	2	BOLT (M10X1.50X45MM)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00824850

BASIC ENGINE

228 -5288 FASTENER GP-FRONT COVER

S/N: BMA1100-UP

PART OF 191-4479, 191-4481 ENGINE AR-COMplete

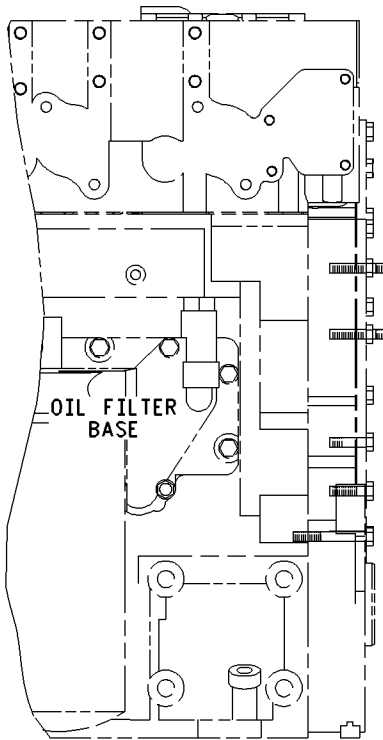
ALSO AN ATTACHMENT

SMCS-1151, 1166

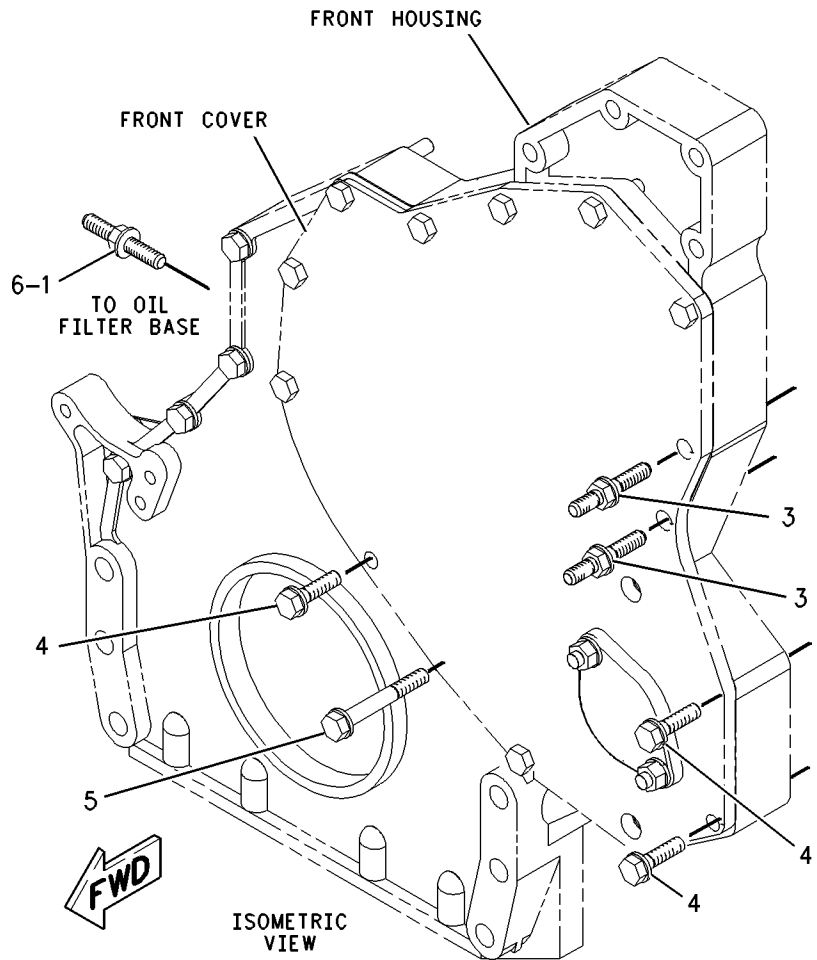
i01802323

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	9X-2098	1	STUDBOLT (M8X1.25X67.75MM OAL)						
	3	1	210-3321	2	STUD						
M	4	1	6V-2317	3	BOLT (M8X1.25X30MM)						
M	5	1	8T-0100	1	BOLT (M8X1.25X60MM)						
	6	1	8T-4224	1	WASHER-HARD (8.8X16X2MM THK)						

M-METRIC PART



RIGHT SIDE VIEW



GRAPHIC #1

<END>

g00925514

BASIC ENGINE

116-4556 FASTENER GP - FRONT HOUSING

S/N: BMA1100-UP

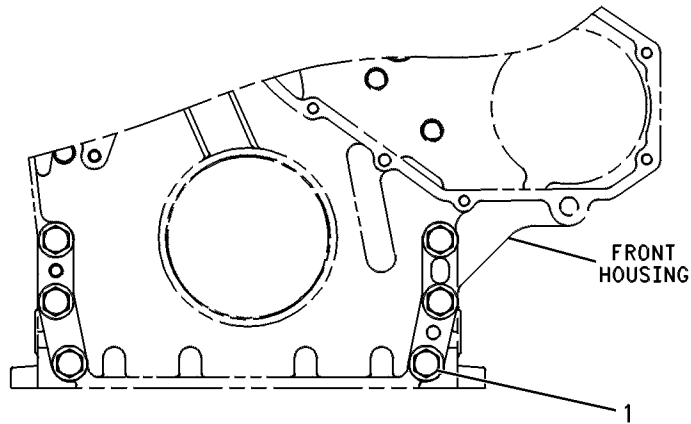
PART OF 191-4479, 191-4481 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1151

i01487429

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	6V-8336	6	BOLT (M12X1.75X70MM)						
		1	5P-8245	6	WASHER-HARD (13.5X25.5X3MM THK)						

M-METRIC PART



FRONT VIEW

GRAPHIC #1

<END>

g00244671

BASIC ENGINE

224-2637 FLYWHEEL GP

S/N: BMA1100-UP

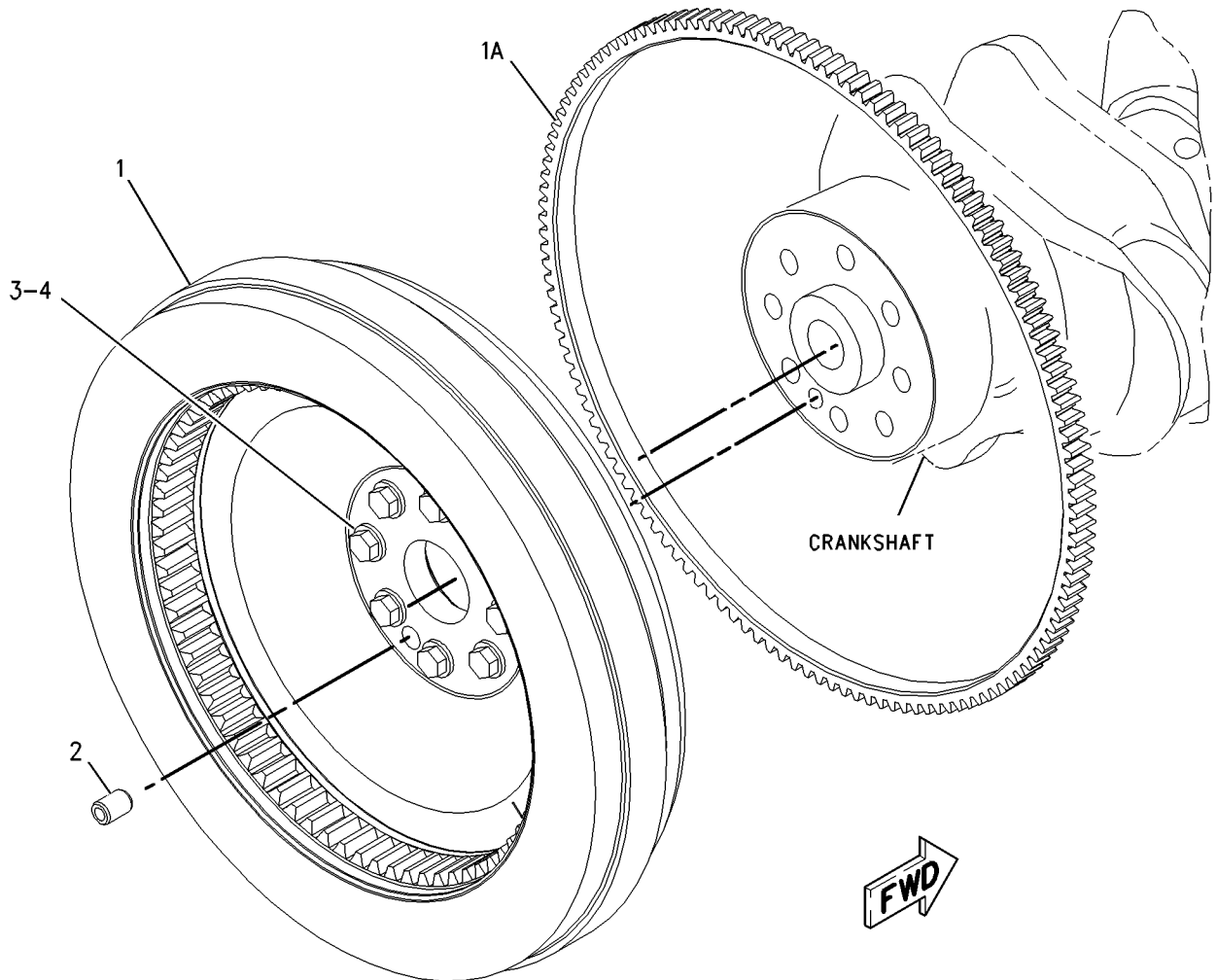
PART OF 191-4479, 191-4481 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1156, 1158

i01804599

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	219-4457	1	FLYWHEEL AS						
	1A	1	163-1387	1	GEAR-FLYWHEEL (134 TEETH)						
	2	1	3E-3213	1	PIN-SPRING						
	3	1	5P-8245	8	WASHER-HARD (13.5X25.5X3MM THK)						
M	4	1	6V-8197	8	BOLT (M12X1.75X40MM)						

M-METRIC PART



GRAPHIC #1

<END>

g00901192

BASIC ENGINE

205-1321 GEAR GP-FRONT

S/N: BMA1100-UP

PART OF 191-4482 ENGINE AR-CORE

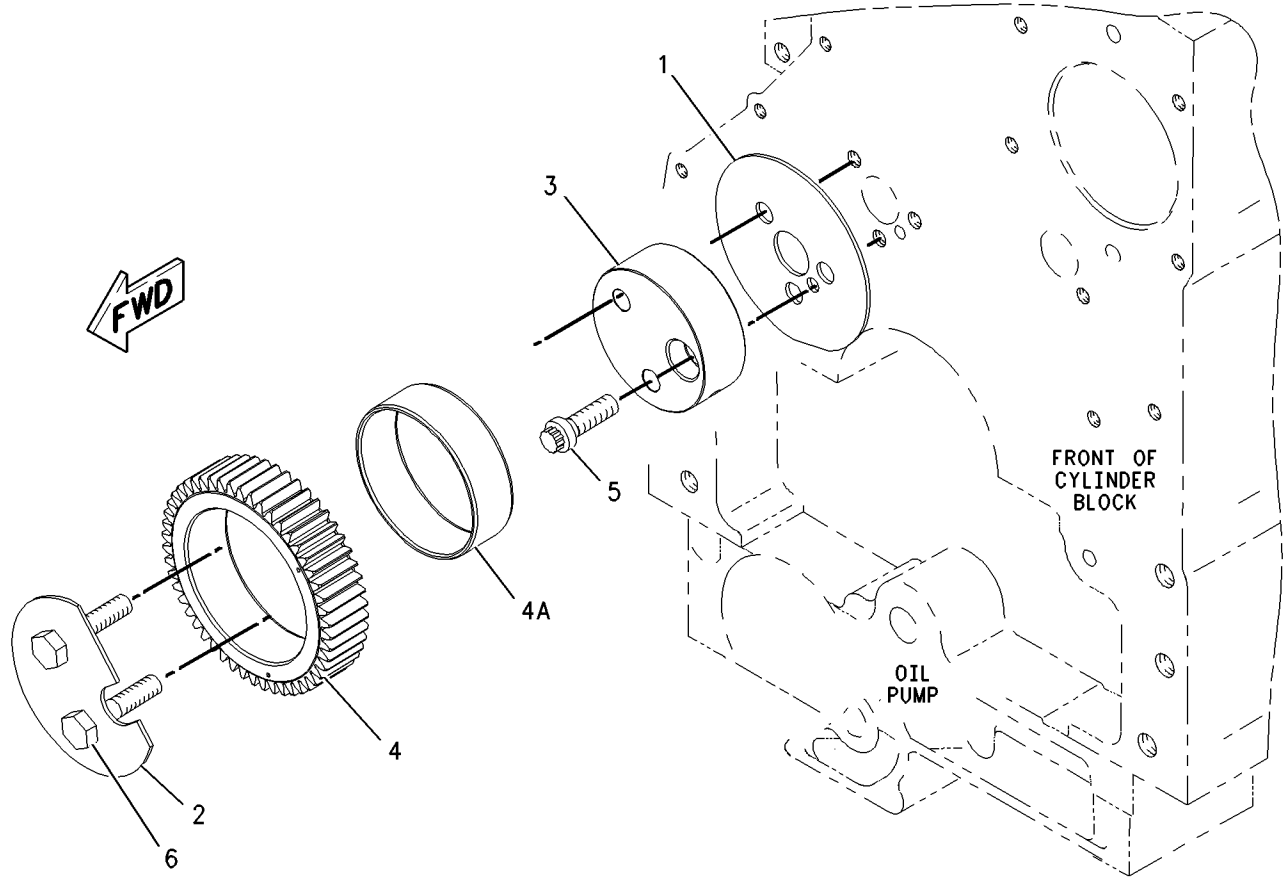
ALSO AN ATTACHMENT

SMCS-1206

i01696307

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	113-6069	1	PLATE-THRUST						
	2	1	115-4219	1	PLATE-RETAINING						
	3	1	200-4495	1	SHAFT-IDLER						
	4	1	205-1320	1	GEAR AS-IDLER (50 TEETH)						
	4A	1	115-4072	1	BEARING						
M	5	1	136-4183	1	BOLT-12 POINT HEAD (M10X1.5X30MM)						
M	6	1	6V-5843	2	BOLT (M10X1.50X45MM)						

M-METRIC PART



GRAPHIC #1

<END>

g00873940

BASIC ENGINE

4W-1103 HOUSING GP-FLYWHEEL

S/N: BMA1100-UP

SAE NO.2. PROVIDES STARTING MOTOR MOUNTING FLANGE ON RH SIDE

PART OF 191-4479, 191-4481 ENGINE AR-COMplete

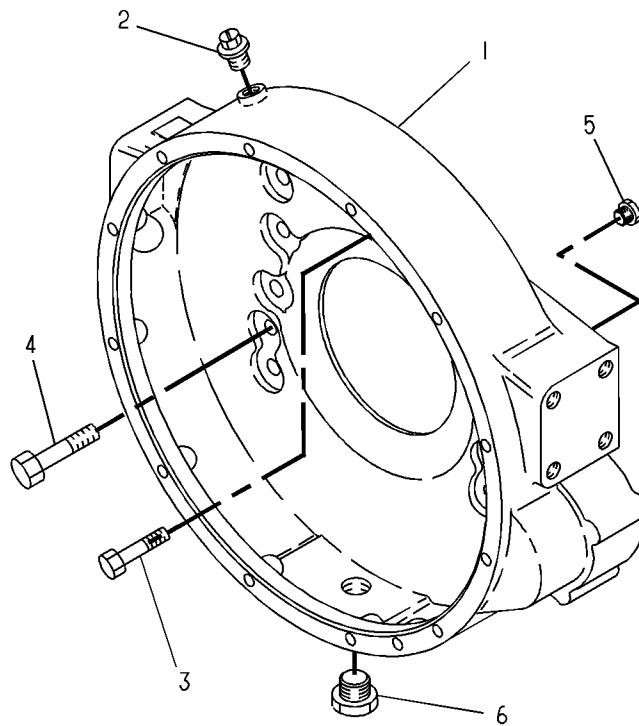
ALSO AN ATTACHMENT

SMCS-1157

i00350052

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	100-6551	1	HOUSING-FLYWHEEL						
	2	1	2P-1294	1	PLUG-SEAL						
M	3	1	6V-5842	2	BOLT (M10X1.50X40MM)						
M	4	1	7X-3347	10	BOLT-LOCKING (M14X2X45MM)						
	5	1	9S-4182	1	PLUG (7/16-20 THD)						
	6	1	9S-4183	1	PLUG (1 1/16-12 THD)						

M-METRIC PART



GRAPHIC #1

<END>

g00108334

BASIC ENGINE

133-5055 HOUSING GP-FRONT

S/N: BMA1100-UP

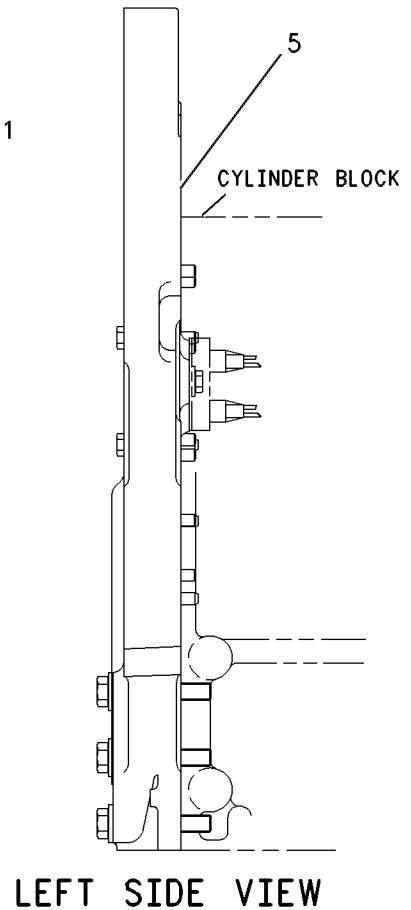
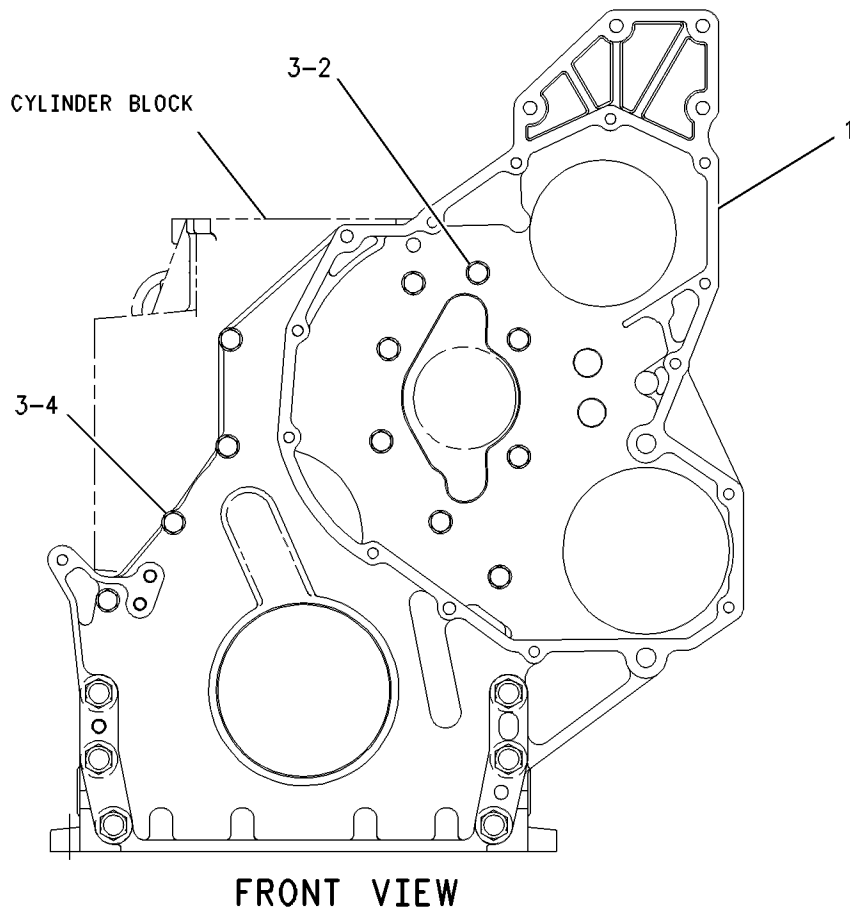
PART OF 191-4482 ENGINE AR-CORE
ALSO AN ATTACHMENT

SMCS-1151, 1162, 1166

i01615429

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	128-3883	1	HOUSING-FRONT						
M	2	1	6V-5217	8	BOLT (M8X1.25X20MM)						
	3	1	9M-1974	12	WASHER-HARD (8.8X16X2MM THK)						
M	4	1	6V-3918	4	BOLT (M8X1.25X50MM)						
B	5	1	1U-8846		SEALANT-GASKET						

B- USE AS REQUIRED
M- METRIC PART



GRAPHIC #1

<END>

g00285827

BASIC ENGINE

139-4081 LIFTER GP-VALVE

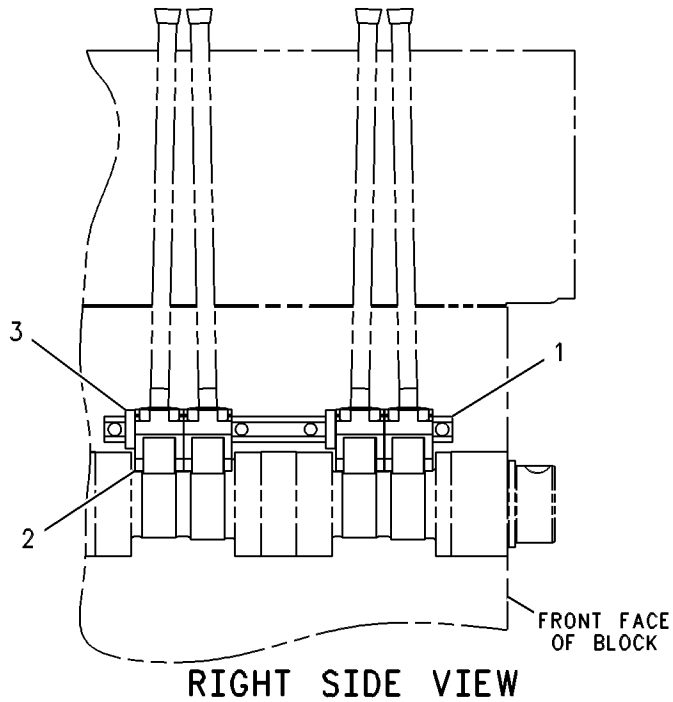
S/N: BMA1100-UP

PART OF 135-2969 VALVE MECHANISM GP
ALSO AN ATTACHMENT

SMCS-1112

i01615435

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	139-9476	1	SHAFT AS-LIFTER						
		1	2D-6642	2	BALL						
	2	1	7E-6794	4	ARM AS-INJECTOR						
	3	1	139-4084	2	SPACER-FOLLOWER						



GRAPHIC #1

<END>

g00288708

BASIC ENGINE

159-2565 LIFTING GP-ENGINE

S/N: BMA1100-UP

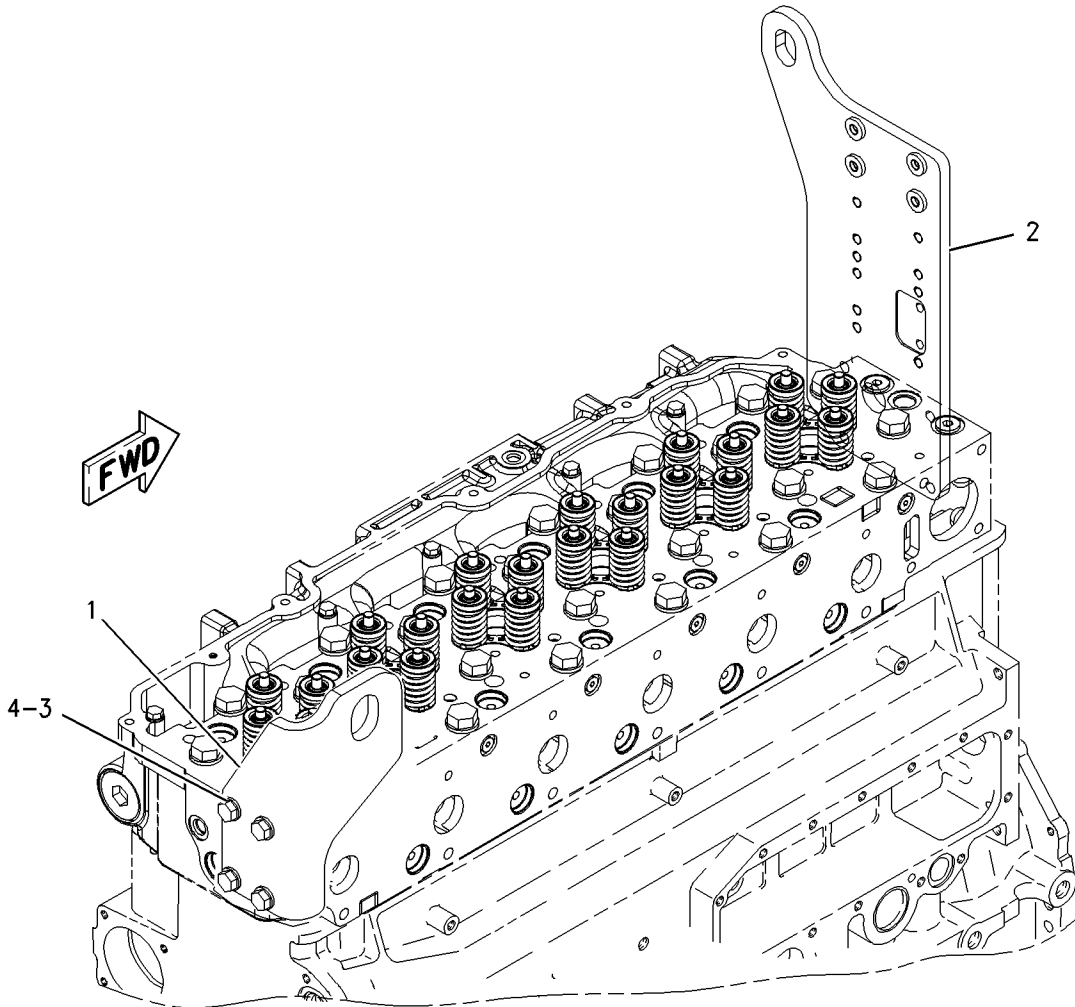
PART OF 191-4481 ENGINE AR-COMplete
AN ATTACHMENT

SMCS-1122

i01804583

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	187-7706	1	PLATE-LIFTING						
	2	1	201-0438	1	LIFTING AS						
M	3	1	6V-1820	4	BOLT (M10X1.50X30MM)						
	4	1	8T-4121	4	WASHER-HARD (11X21X2.5MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g00782800

BASIC ENGINE

201-5515 MOUNTING GP-ENGINE

S/N: CCK1-UP

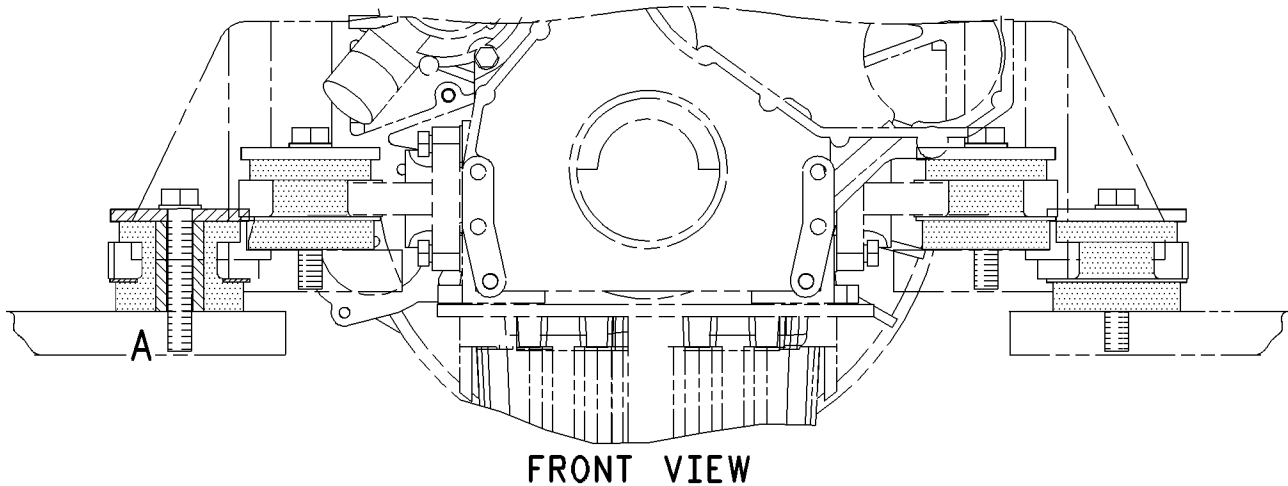
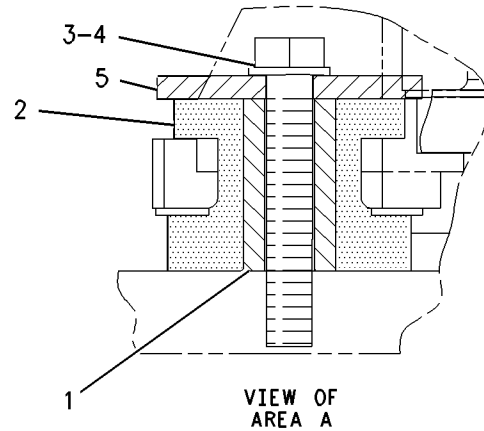
PART OF 189-4622 INSTALLATION AR-ENGINE

SMCS-1152, 1153, 1154

i01843271

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9W-6582	4	SLEEVE						
	2	1	9W-9930	4	MOUNT AS						
	3	1	8T-4123	4	WASHER-PLATED (22X35X3.5MM THK)						
M	4	1	8T-6381	4	BOLT (M20X2.5X120MM)						
	5	1	9W-6584	4	WASHER (20.5X114X10MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g00769036

BASIC ENGINE

203-5866 MOUNTING GP-ENGINE

S/N: BMA1100-UP

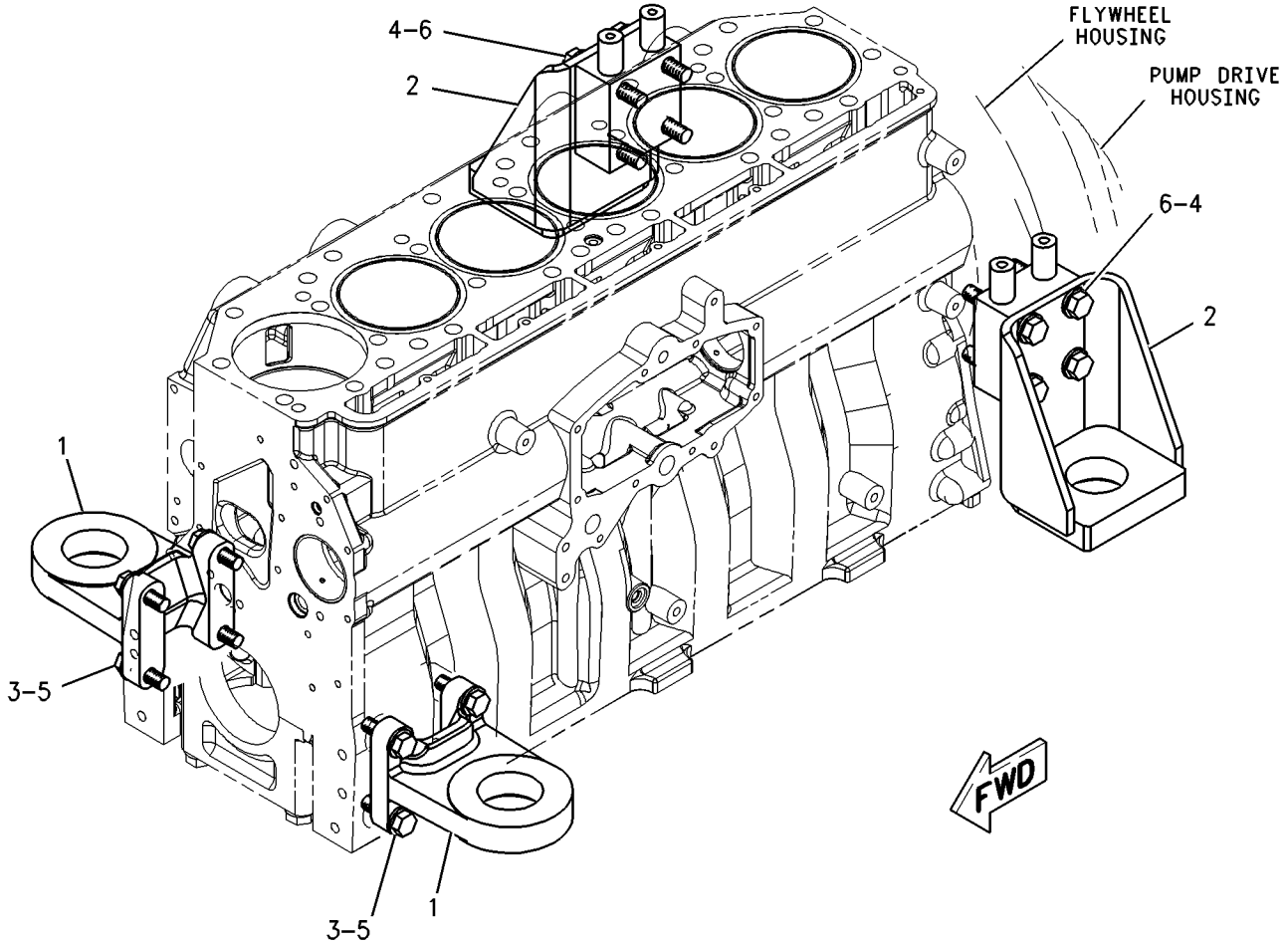
PART OF 191-4479, 191-4481 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1152, 1153, 1154

i01804594

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7C-1675	2	SUPPORT						
	2	1	203-5856	2	SUPPORT AS						
	3	1	5P-8246	8	WASHER-HARD (15.5X29X3MM THK)						
	4	1	5P-8247	8	WASHER-HARD (17X32X3.5MM THK)						
M	5	1	8T-0226	8	BOLT (M14X2X45 MM)						
M	6	1	8T-0358	8	BOLT (M16X2.0X90MM)						

M-METRIC PART



GRAPHIC #1

<END>

g00923423

BASIC ENGINE

189-2222 MOUNTING GP-FAN DRIVE

S/N: BMA1100-UP

PART OF 191-4479, 191-4481 ENGINE AR-COMplete

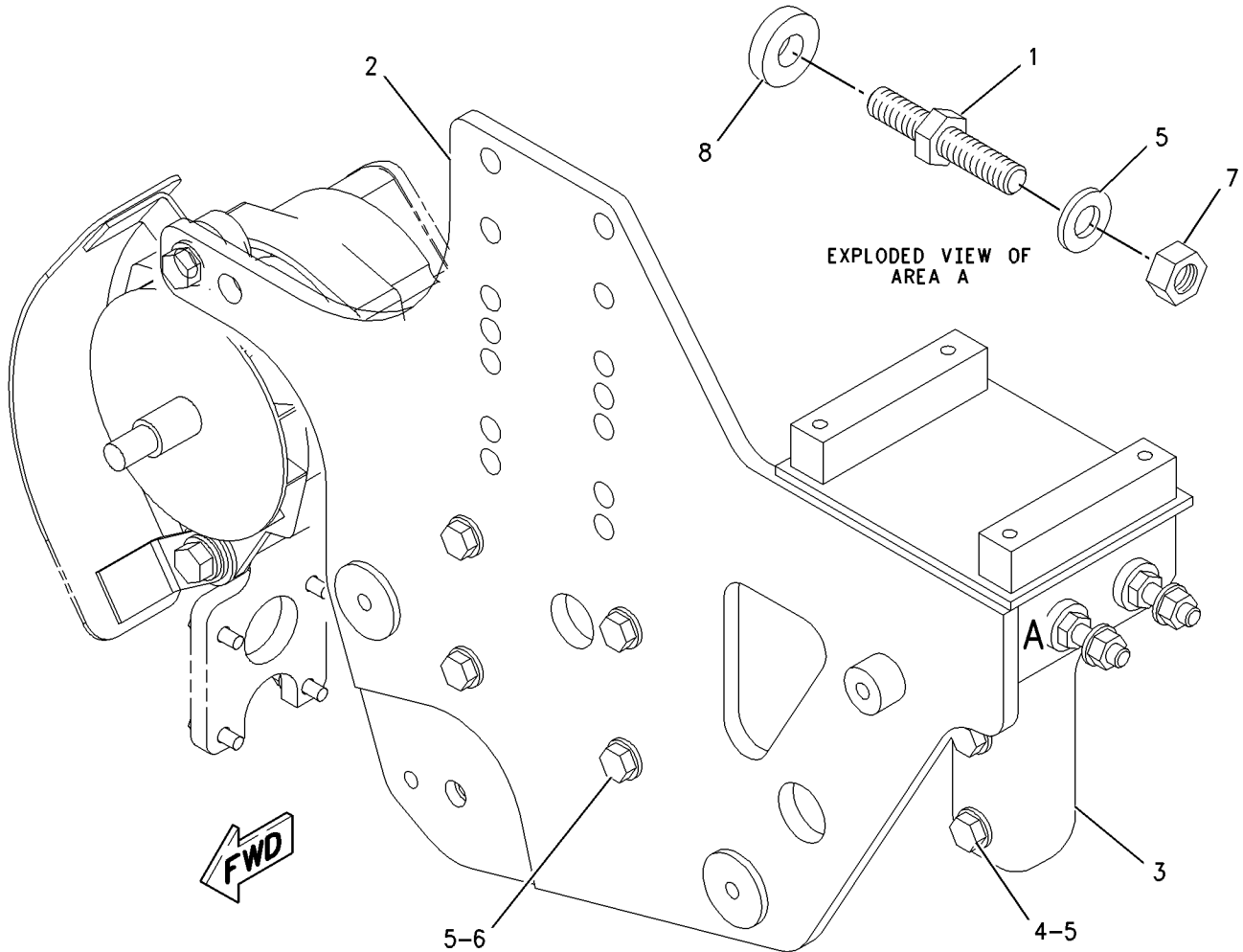
ALSO AN ATTACHMENT

SMCS-1359

i01802556

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	142-3953	2	STUD						
	2	1	206-9265	1	SUPPORT AS-FAN						
M		1	8T-3490	1	NUT-WELD (M10X1.5 THD)						
	3	1	189-2194	1	BRACKET AS						
M		1	8T-3490	2	NUT-WELD (M10X1.5 THD)						
M	4	1	6V-4248	2	BOLT (M10X1.50X25MM)						
	5	1	6V-5839	8	WASHER (11X21X2.5MM THK)						
M	6	1	6V-5842	4	BOLT (M10X1.50X40MM)						
M	7	1	8T-4133	2	NUT (M10X1.5 THD)						
	8	1	6E-6549	2	PLATE						

M-METRIC PART



GRAPHIC #1

<END>

g00923284

BASIC ENGINE

196-0077 PAN GP-OIL-ENGINE

S/N: BMA1100-UP

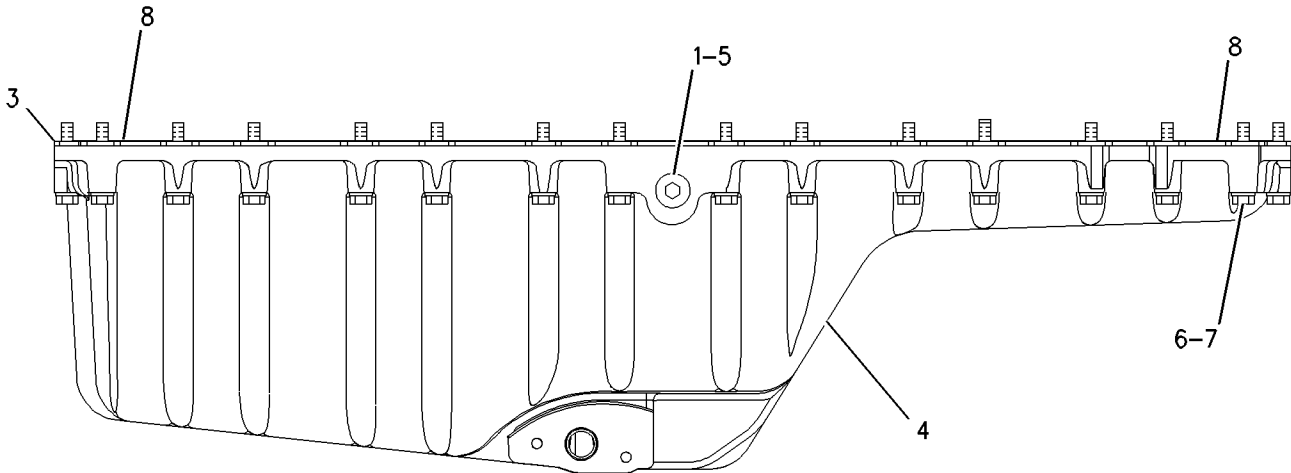
PART OF 191-4479, 191-4481 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1302

i01802475

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9S-8006	1	PLUG (OIL)						
	3	1	166-2905	1	SEAL-INTEGRAL						
	4	1	157-8371	1	PAN-OIL						
	5	1	2M-9780	1	SEAL-O-RING						
M	6	1	6V-3918	36	BOLT (M8X1.25X50MM)						
	7	1	9M-1974	36	WASHER-HARD (8.8X16X2MM THK)						
B	8	1	1U-8846		SEALANT-GASKET						

B-USE AS REQUIRED
M-METRIC PART



LEFT SIDE VIEW

GRAPHIC #1

<END>

g00923679

BASIC ENGINE

161-8420 PISTON & ROD GP*R

S/N: BMA1100-UP

16:1 RATIO

PART OF 191-4482 ENGINE AR-CORE

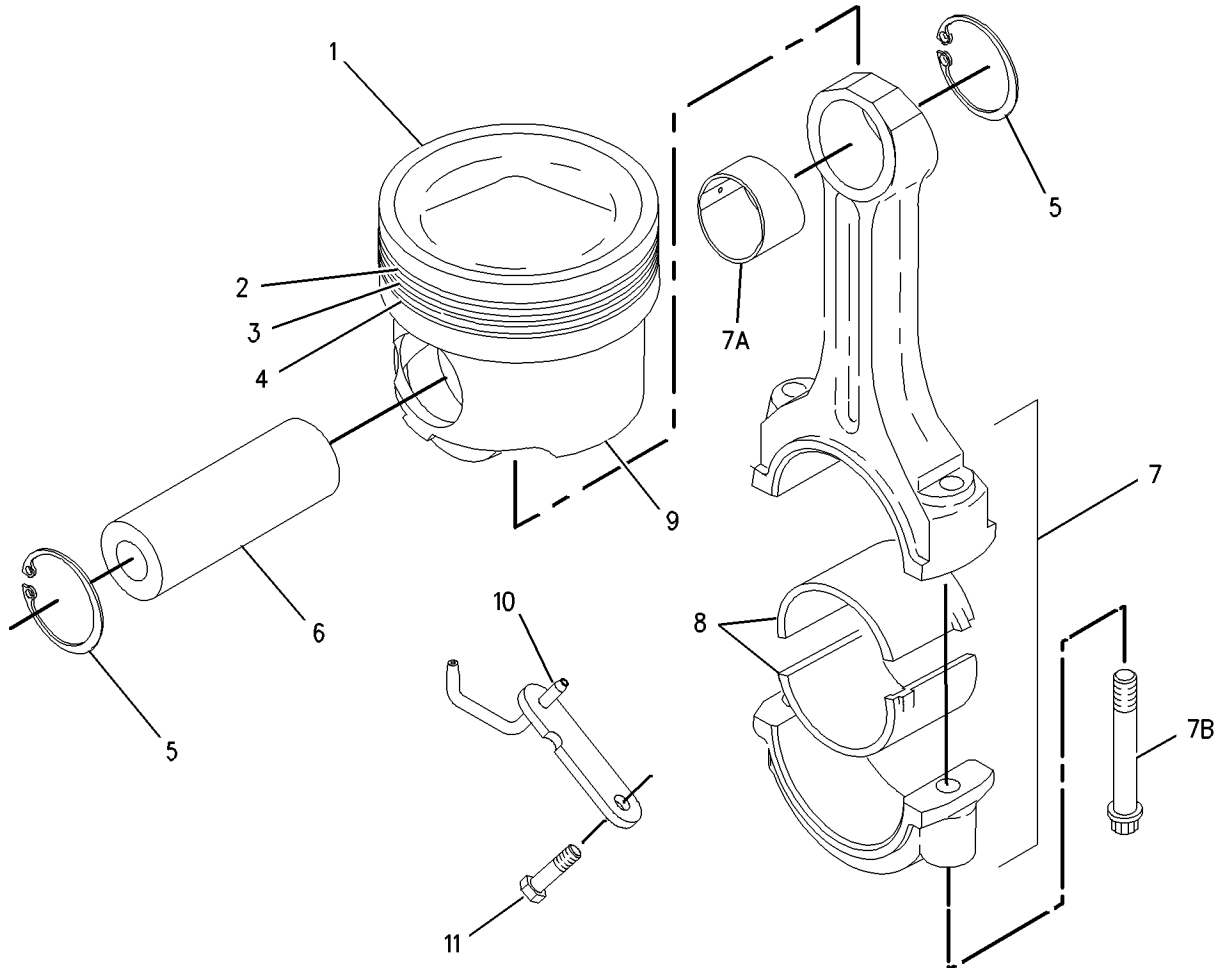
ALSO AN ATTACHMENT

SMCS-1213, 1214, 1215, 1218, 1219, 1225, 1239

i01746930

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	150-4621	1	CROWN AS-PISTON						
	2	1	132-5246	1	RING-PISTON (TOP)						
	3	1	197-9277	1	RING-PISTON (INTERMEDIATE)						
	4	1	107-7566	1	RING-PISTON (OIL CONTROL)						
	5	1	7C-0111	2	RETAINER-PIN						
	6	1	168-7226	1	PIN-PISTON						
	7	1	213-3193	1	ROD AS-CONNECTING (NON-DRILLED)						
	7A	1	2W-0027	1	BEARING (EYE END)						
	7B	1	195-0321	2	BOLT						
	8	1	7W-9415	1	BEARING-CONNECTING ROD (STANDARD)						
A		1	7C-6976	1	BEARING (.25MM US)						
A		1	7C-6977	1	BEARING (.5MM US)						
	9	1	187-1513	1	SKIRT-PISTON						
	10	1	135-5970	1	TUBE AS-PISTON COOLING JET						
M	11	1	6V-3940	1	BOLT (M8X1.25X25MM)						

A-NOT PART OF THIS GROUP
M-METRIC PART



GRAPHIC #1

<END>

g00878306

BASIC ENGINE

162-8068 PLUG GP-ENGINE

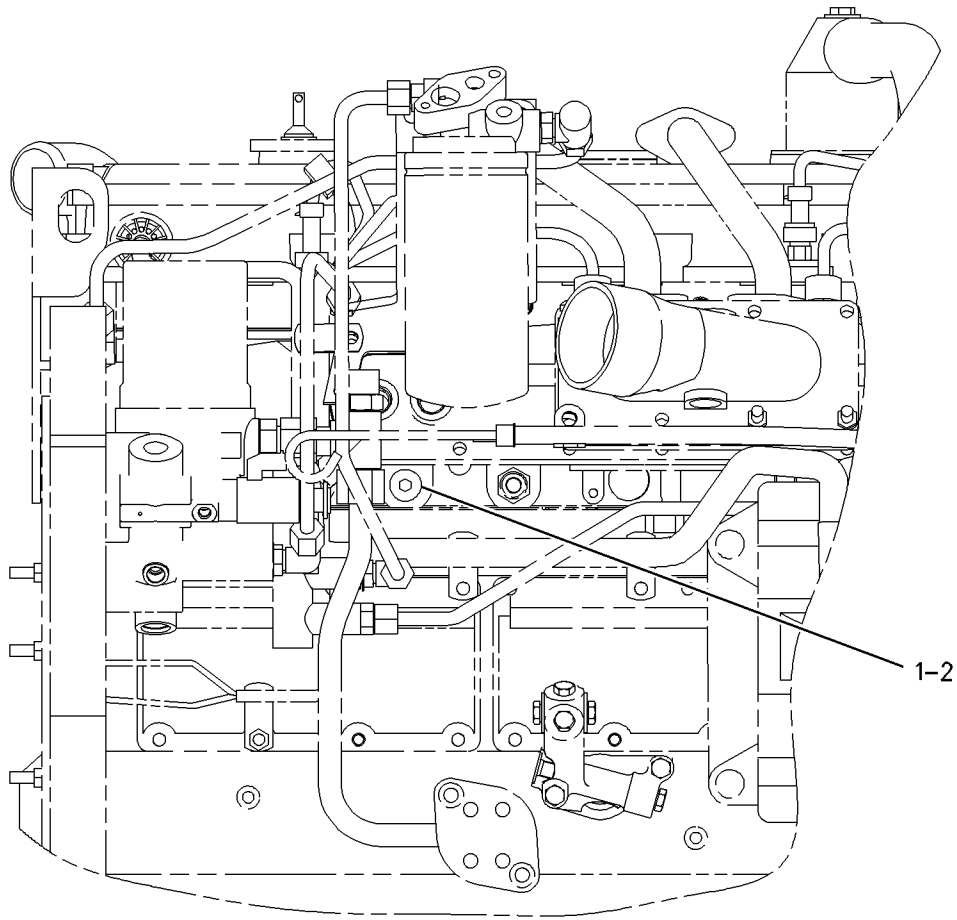
S/N: BMA1100-UP

PART OF 191-4479, 191-4481 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1000

i01743134

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9S-8005	1	PLUG						
	2	1	3K-0360	1	SEAL-O-RING						



LEFT SIDE VIEW

GRAPHIC #1

<END>

g00892422

BASIC ENGINE

123-8395 PULLEY AS-IDLER

S/N: CCK1-UP

8 GROOVE

PART OF 189-2229 COMPRESSOR GP-REFRIGERANT

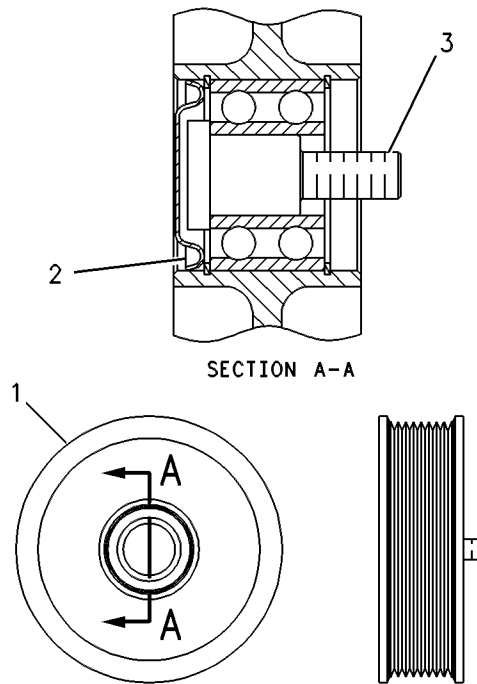
FOR USE WITH 3126 POSITIVE BUILD. CANNOT BE USED WITH CUSTOMER SUPPLIED
REFRIGERANT COMPRESSOR. PERIPHERAL IRON

SMCS-1358

i01849526

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	124-7792	1	PULLEY AS-IDLER						
	2	1	124-7791	1	COVER-DUST						
M	3	1	124-7790	1	BOLT-SPECIAL (M10X1.5X40MM)						

M-METRIC PART



SECTION A-A

GRAPHIC #1

<END>

g00288090

BASIC ENGINE

196-1791 PULLEY GP-ALTERNATOR

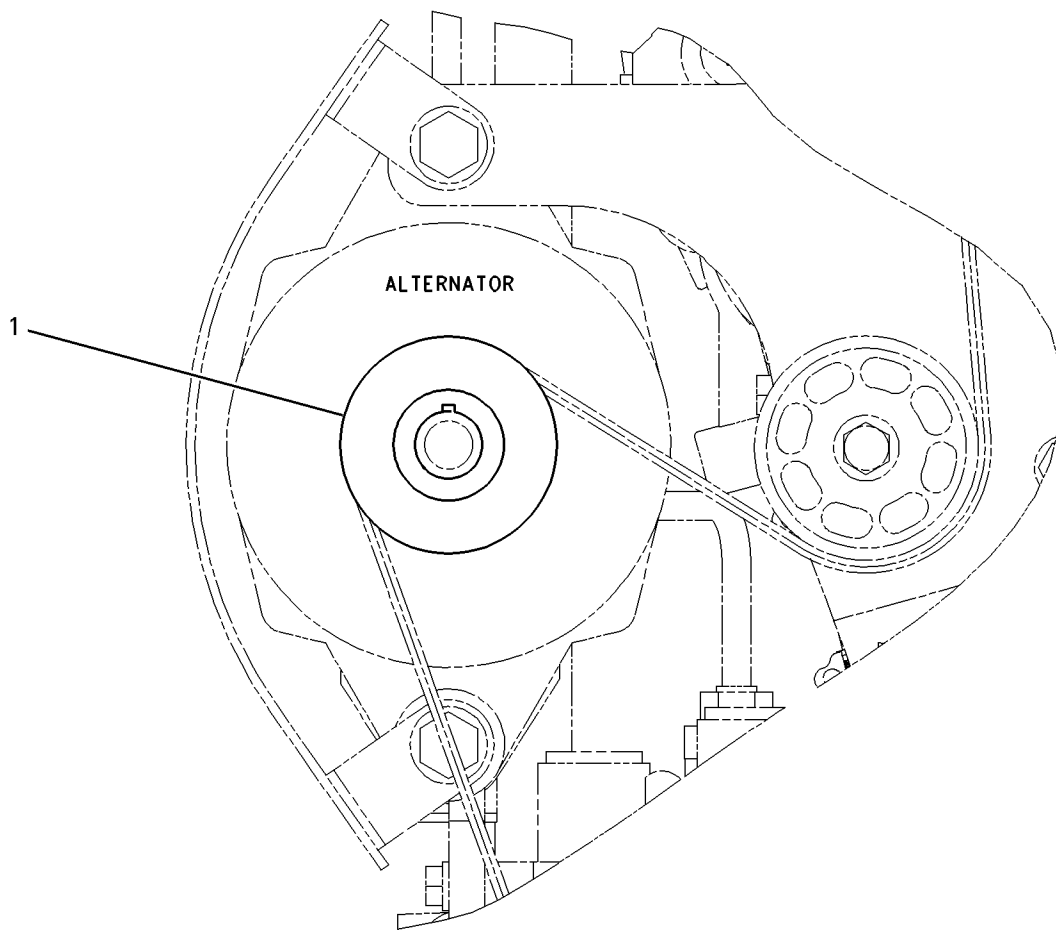
S/N: CCK1-UP

PART OF 189-4622 INSTALLATION AR-ENGINE

SMCS-1425

i01843144

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	123-0858	1	PULLEY-ALTERNATOR (8 GROOVE)						



FRONT VIEW

GRAPHIC #1

<END>

g00942304

BASIC ENGINE

224-5123 PULLEY GP-FAN

S/N: BMA1100-UP

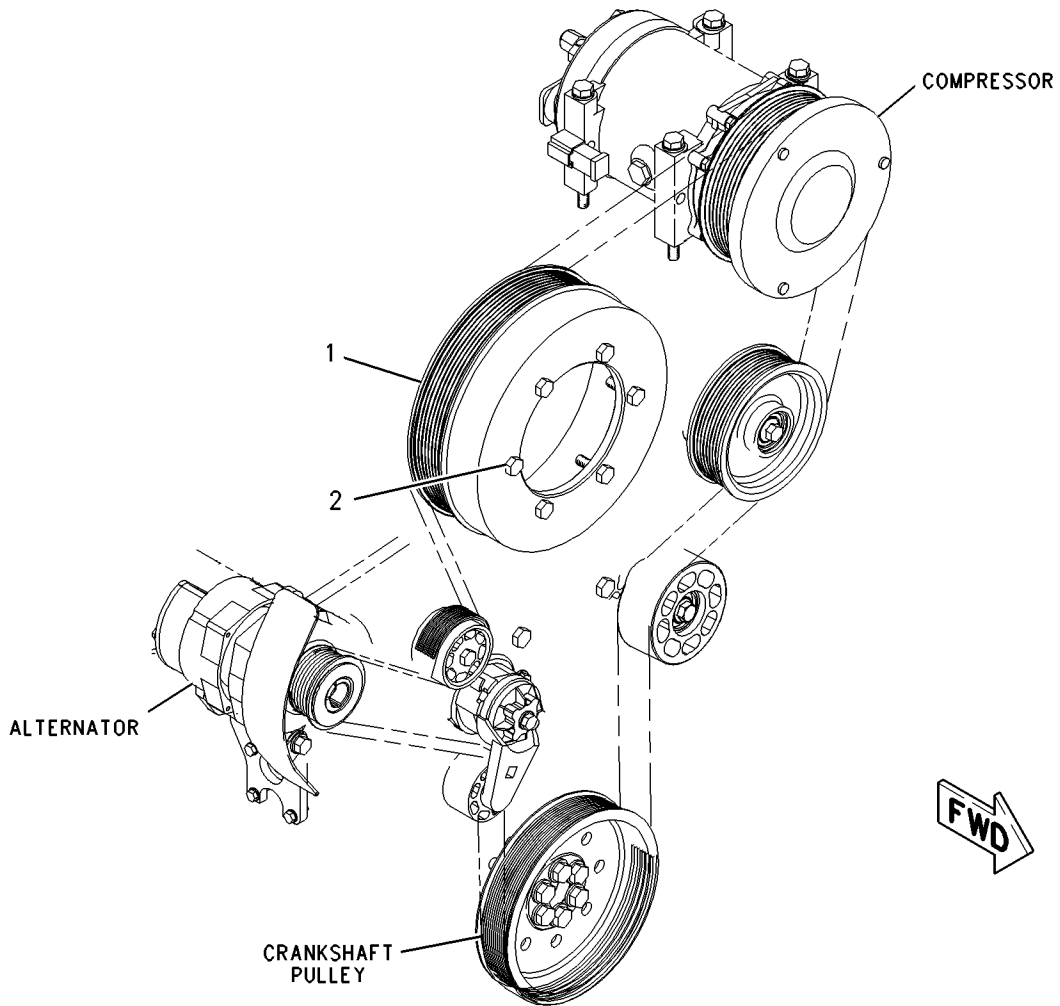
PART OF 191-4479 ENGINE AR-COMplete

SMCS-1425

i01809751

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	224-5121	1	PULLEY-FAN (8 GROOVE)						
M	2	1	8T-4908	6	BOLT (M8X1.25X25MM)						

M-METRIC PART



GRAPHIC #1

<END>

g00926195

BASIC ENGINE

201-9063 PULLEY GP-FAN DRIVE

S/N: BMA1100-UP

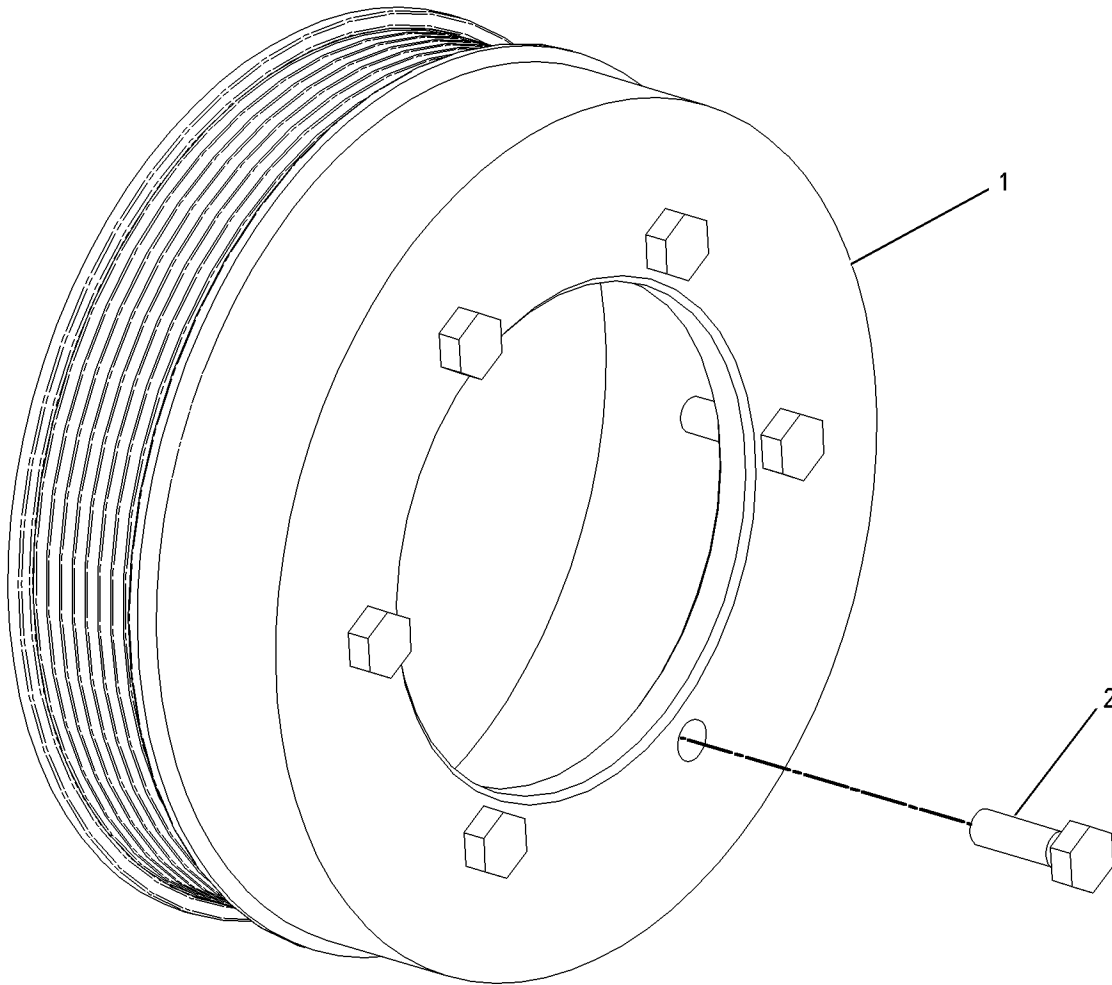
PART OF 191-4481 ENGINE AR-COMPLETE
AN ATTACHMENT

SMCS-1356, 1357, 1359

i01804592

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	201-8590	1	PULLEY-FAN (8 GROOVE)						
M	2	1	8T-4908	6	BOLT (M8X1.25X25MM)						

M-METRIC PART



GRAPHIC #1

<END>

g00771719

BASIC ENGINE

189-2220 PULLEY GP - IDLER

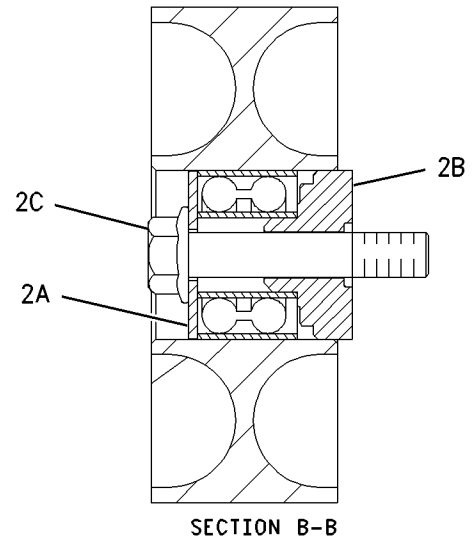
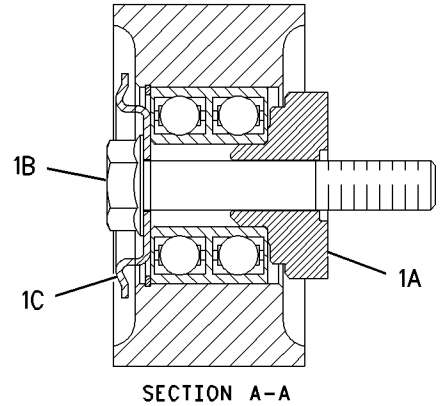
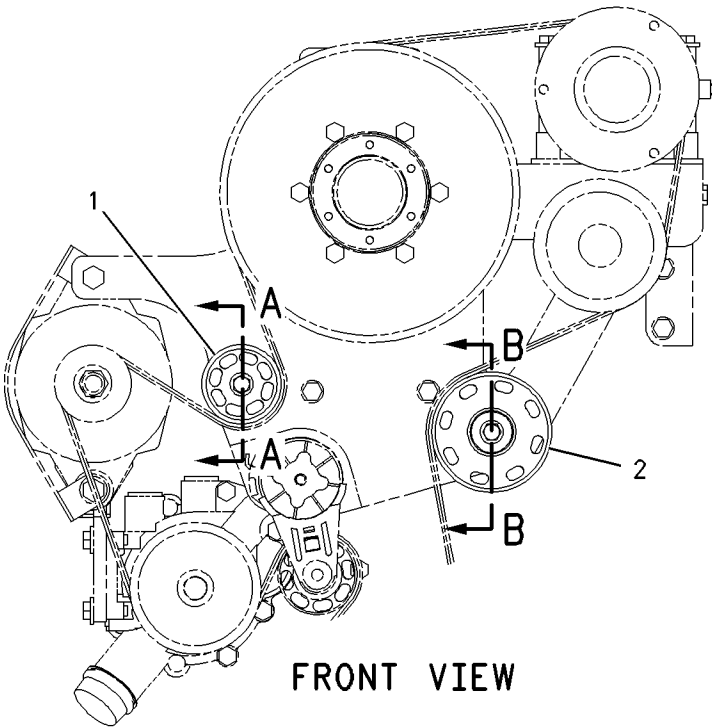
S/N: BMA1100-UP

PART OF 191-4479, 191-4481 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1358

i01884401

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	133-7023	1	PULLEY AS-IDLER						
	1A	1	151-2898	1	SPACER						
	1B	1	151-2900	1	BOLT (M10X1.5X54.25MM)						
	1C	1	166-6358	1	COVER-DUST						
	2	1	189-2207	1	PULLEY AS-IDLER						
	2A	1	145-2901	1	COVER-DUST						
	2B	1	151-2898	1	SPACER						
	2C	1	151-2900	1	BOLT (M10X1.5X54.25MM)						



GRAPHIC #1

<END>

g00730246

BASIC ENGINE

115-4210 SEAL GP - CRANKSHAFT

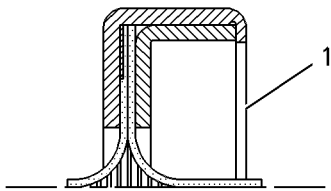
S/N: BMA1100-UP

PART OF 191-4479, 191-4481 ENGINE AR-COMplete
ALSO AN ATTACHMENT

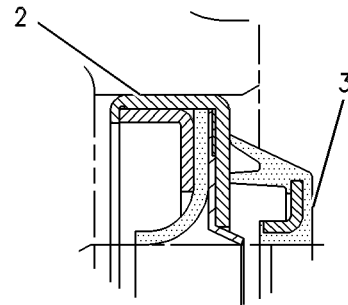
SMCS-1160, 1161

i01146413

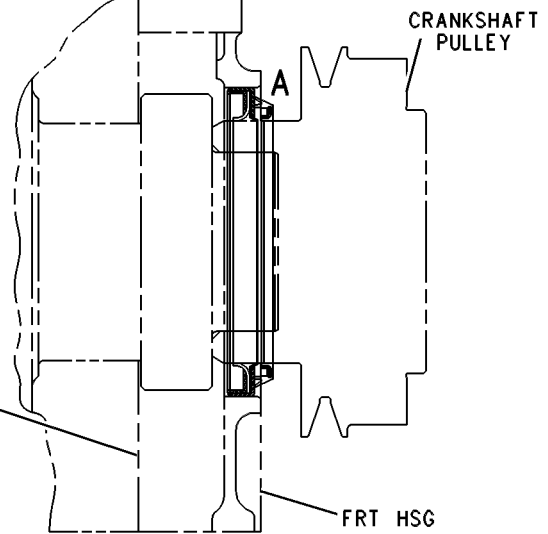
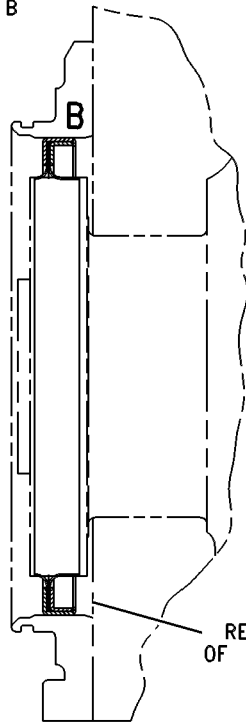
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7E-7589	1	SEAL GP - CRANKSHAFT						
	2	1	119-2921	1	SEAL GP - CRANKSHAFT						
	3	1	4R-9999	1	EXCLUDER - CRANKSHAFT SEAL						



VIEW OF AREA B



VIEW OF AREA A



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g00109240

BASIC ENGINE

7C-1770 SEAL GP-FLYWHEEL HOUSING

S/N: BMA1100-UP

PART OF 191-4479, 191-4481 ENGINE AR-COMplete

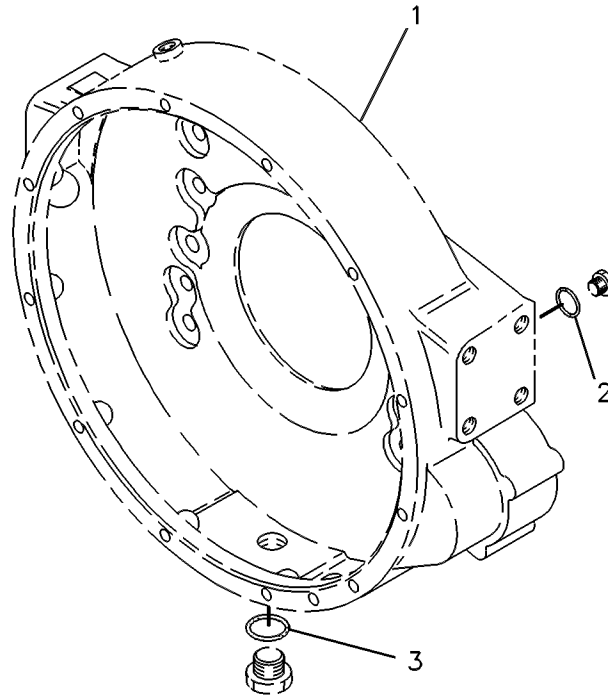
ALSO AN ATTACHMENT

SMCS-1157, 1161

i01746891

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
B	1	1	1U-8846		SEALANT-GASKET						
	2	1	3J-7354	1	SEAL-O-RING (8.92MM ID)						
B	3	1	3D-2824	1	SEAL-O-RING (23.47MM ID)						

B-USE AS REQUIRED



GRAPHIC #1

<END>

g00108872

BASIC ENGINE

154-8016 SEAL GP-FUEL INJECTOR

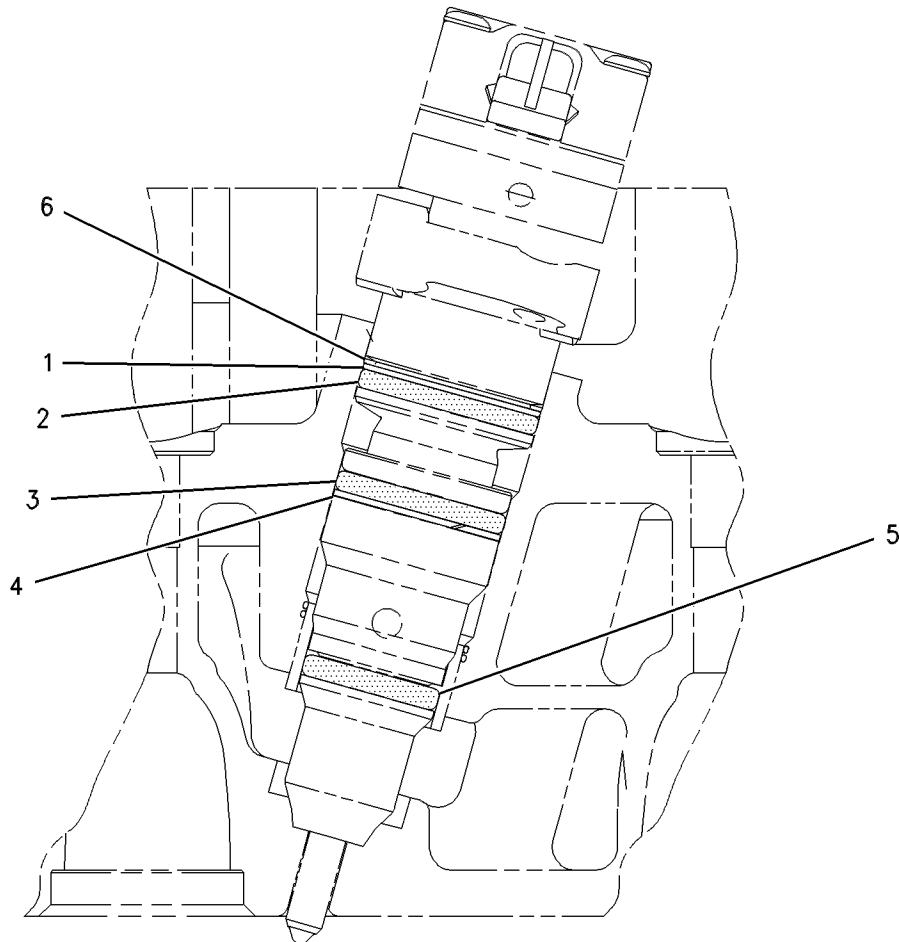
S/N: BMA1100-UP

PART OF 178-6342 PUMP GP-UNIT INJECTION
ALSO AN ATTACHMENT

SMCS-1290

i01615418

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	150-4105	1	RING-BACKUP						
	2	1	9X-7557	1	SEAL-O-RING (32.92MM ID)						
	3	1	148-2903	1	SEAL-O-RING (31.34MM ID)						
	4	1	149-5240	1	RING-BACKUP						
	5	1	109-3207	1	SEAL-O-RING (23.39MM ID)						
	6	1	133-3715	1	RING-BACKUP						



GRAPHIC #1

<END>

g00433901

BASIC ENGINE

169-4912 SUPPRESSION AR-SOUND-EUROPEAN MARKET

S/N: CCK1-UP

AN ATTACHMENT

SMCS-1801

i01888761

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	191-4481	1	ENGINE AR-COMPLETE						3
Y	193-1038	1	BELT GP						7
Y	196-1814	1	FAN GP						78
Y	200-6248	1	HOOD & GUARD GP						256
Y	127-0901	1	SUPPRESSION GP-SOUND						60
Y	203-2062	1	SHIELD GP-AIR CLEANER (PRECLEANER)						100
Y	231-0530	1	WARNING GP-BACKUP						180
	201-2670	5	RADIATOR AS						
	205-3237	1	FILM (EXTERIOR) (SOUND) ON FRONT FACE OF RIGHT HAND SIDE CONSOLE VISIBLE THROUGH CAB DOOR.						
Y-SEPARATE ILLUSTRATION									
<END>									

BASIC ENGINE

127-0901 SUPPRESSION GP - SOUND-BOTTOM GUARD LINERS

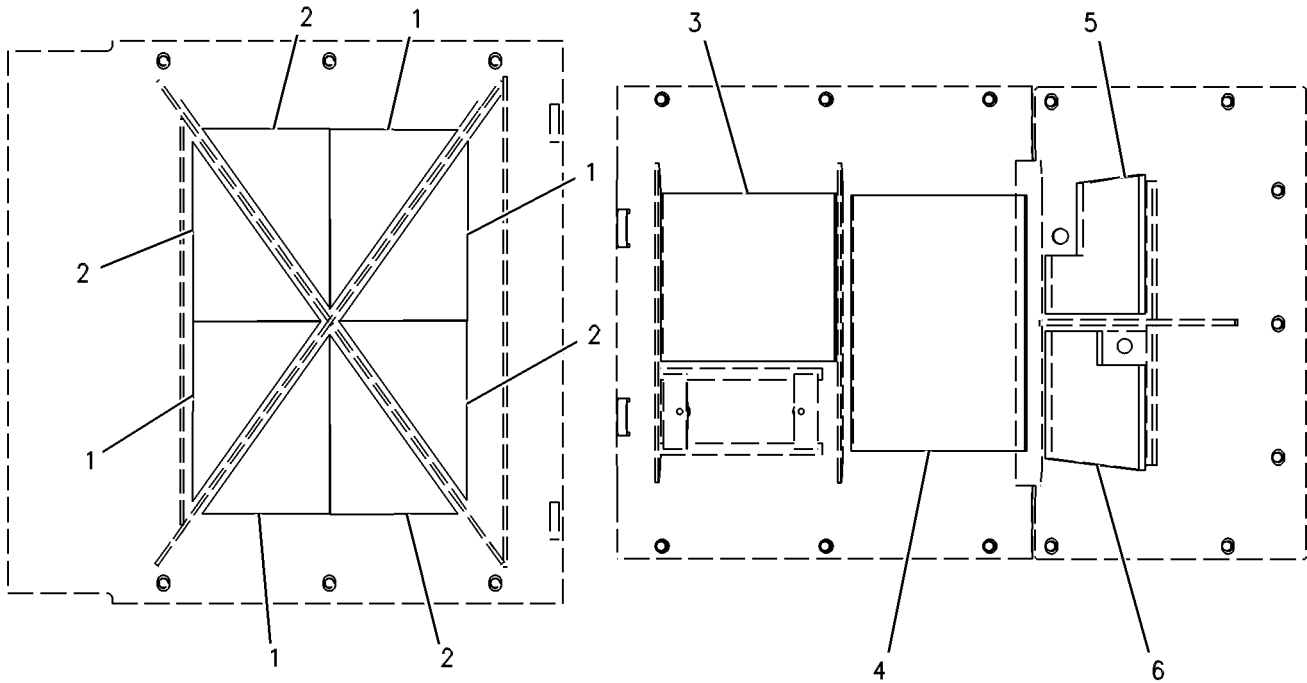
S/N: CCK1-UP

PART OF 169-4912 SUPPRESSION AR-SOUND
AN ATTACHMENT

SMCS-1801

i01877495

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
1	1	1	124-0364	4	LINER						
2	1	1	125-1993	4	LINER						
3	1	1	128-2906	1	LINER						
4	1	1	128-2907	1	LINER						
5	1	1	128-2908	1	LINER						
6	1	1	128-2909	1	LINER						



GRAPHIC #1

<END>

g00279295

BASIC ENGINE

135-2969 VALVE MECHANISM GP

S/N: BMA1100-UP

PART OF 191-4482 ENGINE AR-CORE

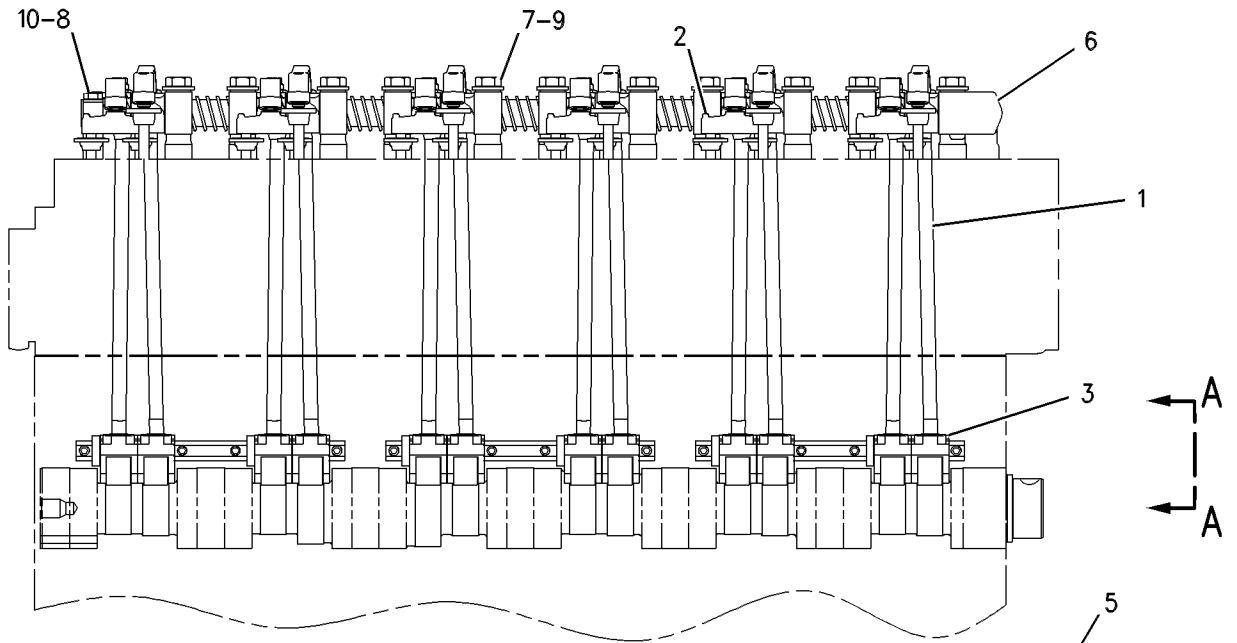
ALSO AN ATTACHMENT

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

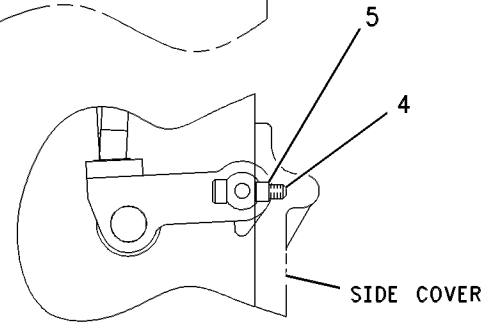
i01875926

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	133-6379	12	ROD						
	2	1	220-6366	6	BRIDGE-VALVE						
Y	3	1	<i>139-4081</i>	3	LIFTER GP-VALVE						43
M	4	1	8T-8442	12	BOLT-SOCKET HEAD (M6X1X30MM)						
	5	1	3E-9412	6	DOWEL-BUSHING						
Y	6	1	<i>155-4773</i>	1	VALVE MECHANISM GP						62
M	7	1	6V-5696	11	BOLT (M12X1.75X80MM)						
	8	1	9M-1974	2	WASHER-HARD (8.8X16X2MM THK)						
	9	1	5P-8245	11	WASHER-HARD (13.5X25.5X3MM THK)						
M	10	1	8T-0100	2	BOLT (M8X1.25X60MM)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



RIGHT SIDE VIEW



VIEW A-A

GRAPHIC #1

<END>

g00286874

BASIC ENGINE

155-4773 VALVE MECHANISM GP

S/N: BMA1100-UP

PART OF 135-2969 VALVE MECHANISM GP

ALSO AN ATTACHMENT

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

i01882767

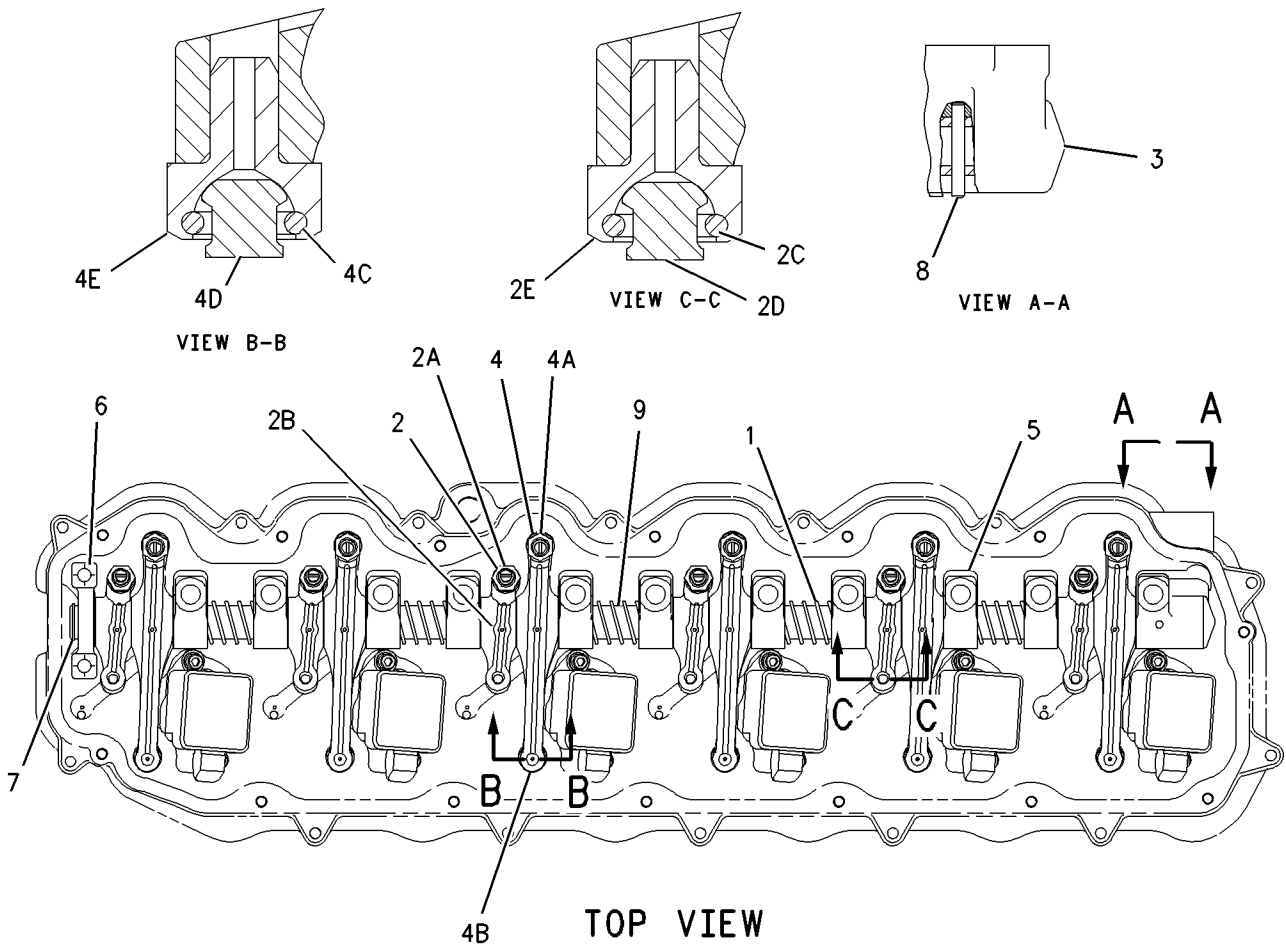
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	137-6717	5	SPRING						
	2	1	222-1185	6	ROCKER ARM GP (INTAKE)						
					(EACH INCLUDES)						
M	2A	1	2Y-5829	1	NUT (M10X1.5 THD)						
M		1	183-4365	1	SCREW-ADJUSTING (M10X1.5 THD)						
	2B	1	153-8467	1	ROCKER ARM AS						
	2C	1	173-5549	1	SEAL-O-RING						
	2D	1	145-7376	1	BUTTON-ROCKER ARM						
	2E	1	145-7385	1	SOCKET-ROCKER ARM						
	3	1	138-8403	1	STAND						
	4	1	222-1186	6	ROCKER ARM GP (EXHAUST)						
					(EACH INCLUDES)						
M	4A	1	2Y-5829	1	NUT (M10X1.5 THD)						
M		1	183-4365	1	SCREW-ADJUSTING (M10X1.5 THD)						
	4B	1	153-8470	1	ROCKER ARM AS						
	4C	1	173-5549	1	SEAL-O-RING						
	4D	1	145-7376	1	BUTTON-ROCKER ARM						
	4E	1	145-7385	1	SOCKET-ROCKER ARM						
	5	1	138-8401	10	STAND						
	6	1	138-8402	1	STAND						
	7	1	138-9868	1	RING-RETAINING						
	8	1	8H-5244	1	DOWEL						
	9	1	138-7198	1	SHAFT AS						
		1	5B-1866	1	PLUG-CUP						

M-METRIC PART

BASIC ENGINE

155-4773 VALVE MECHANISM GP (contd.)

i01882767



GRAPHIC #1

<END>

g00901133

LUBRICATION SYSTEM

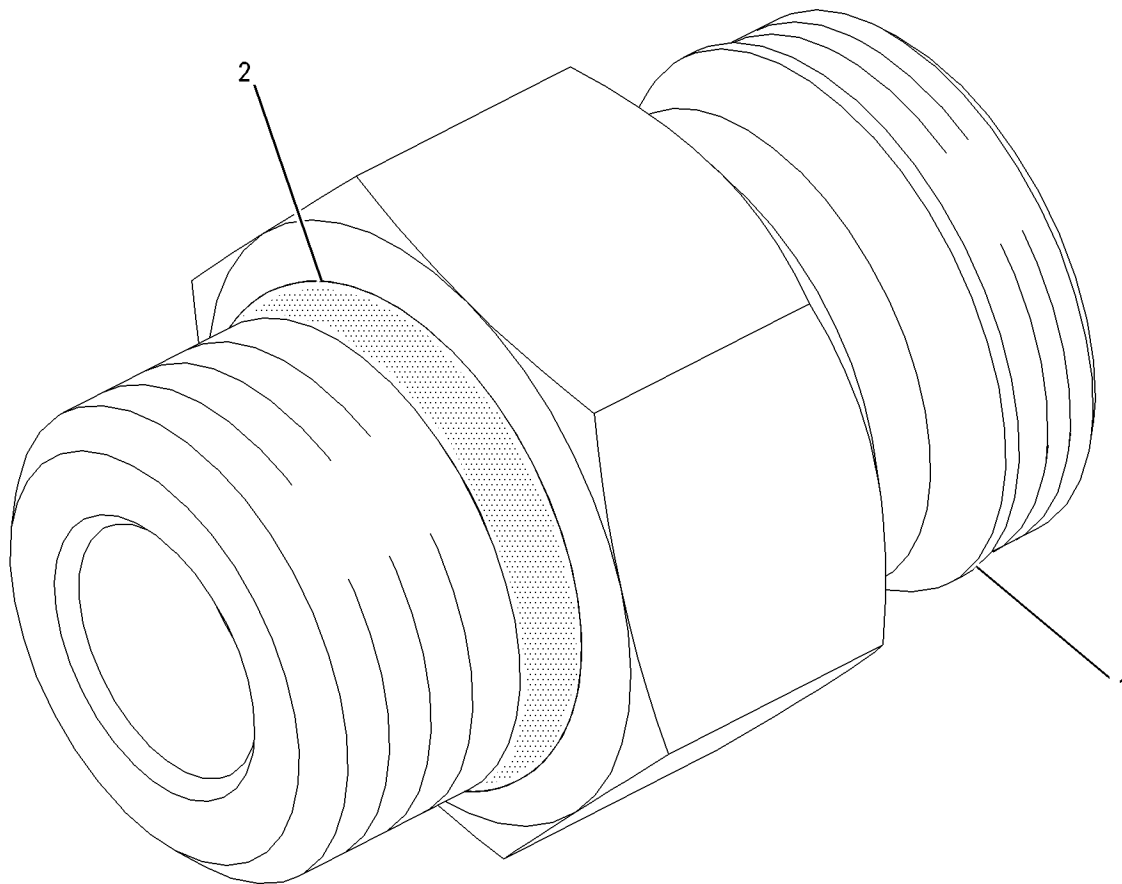
179-7001 ADAPTER GP-ENGINE OIL LINE

S/N: BMA1100-UP
 PART OF 170-3304 PUMP & MTG GP-UNIT INJ HYD
 ALSO AN ATTACHMENT

SMCS-1307

i01836714

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	179-7002	1	ADAPTER AS						
	2	1	214-7568	1	SEAL-O-RING (11.89MM ID)						



GRAPHIC #1

<END>

g00938522

LUBRICATION SYSTEM

120-8971 BREATHER GP-ENGINE

S/N: BMA1100-UP

PART OF 191-4482 ENGINE AR-CORE

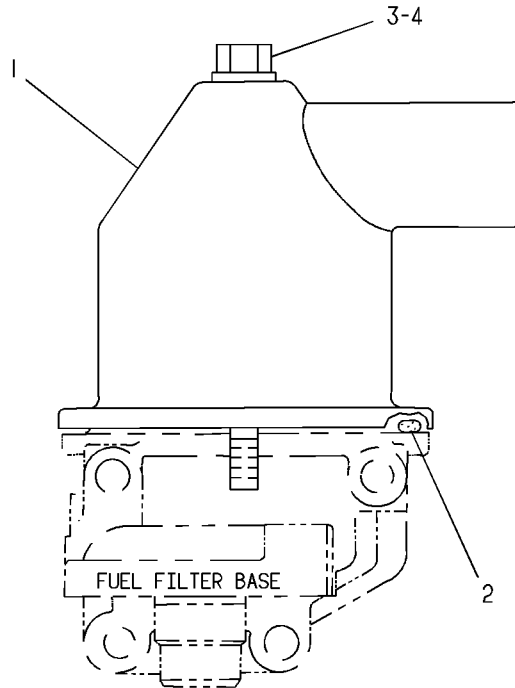
ALSO AN ATTACHMENT

SMCS-1317

i01882544

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2W-9162	1	BREATHER AS (ENGINE)						
	2	1	4L-9564	1	SEAL-O-RING (ENGINE BREATHER)						
M	3	1	6V-3821	1	BOLT (M8X1.25X110MM)						
	4	1	9N-0869	1	WASHER-HARD (8.8X25.5X2.0MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g00108310

LUBRICATION SYSTEM

199-3164 FILLER GP-ENGINE OIL

S/N: BMA1100-UP

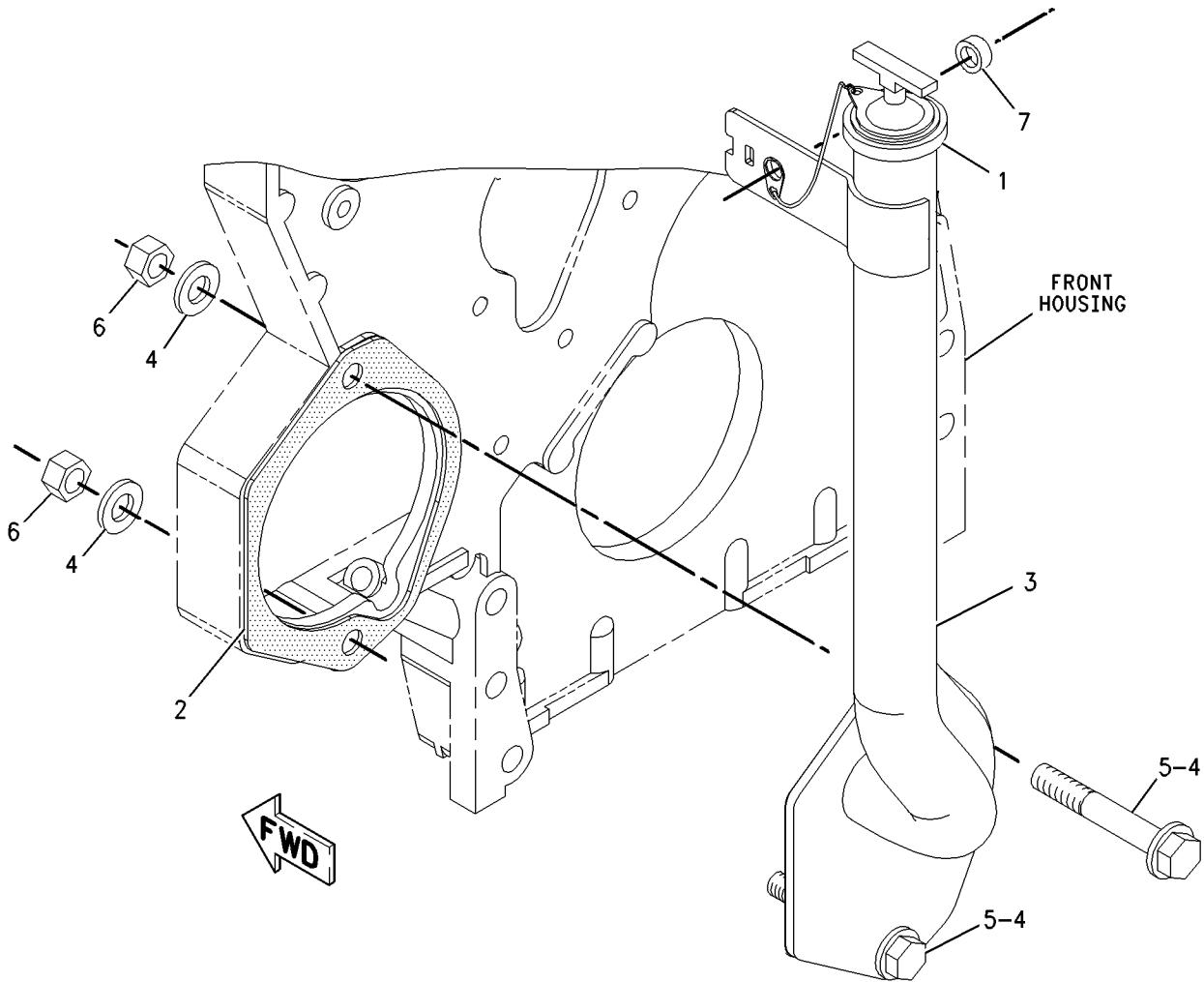
PART OF 191-4479, 191-4481 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1316

i01882548

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4W-3087	1	CAP-FILLER (ENGINE OIL)						
	2	1	135-9819	1	SEAL (INTEGRAL)						
	3	1	224-9041	1	TUBE AS						
	4	1	5P-8245	4	WASHER-HARD (13.5X25.5X3MM THK)						
M	5	1	6V-5696	2	BOLT (M12X1.75X80MM)						
M	6	1	6V-8149	2	NUT (M12X1.75 THD)						
	7	1	184-7773	1	SPACER (9.14MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g00923970

LUBRICATION SYSTEM

117-4074 FILTER GP-ENGINE OIL

S/N: BMA1100-UP

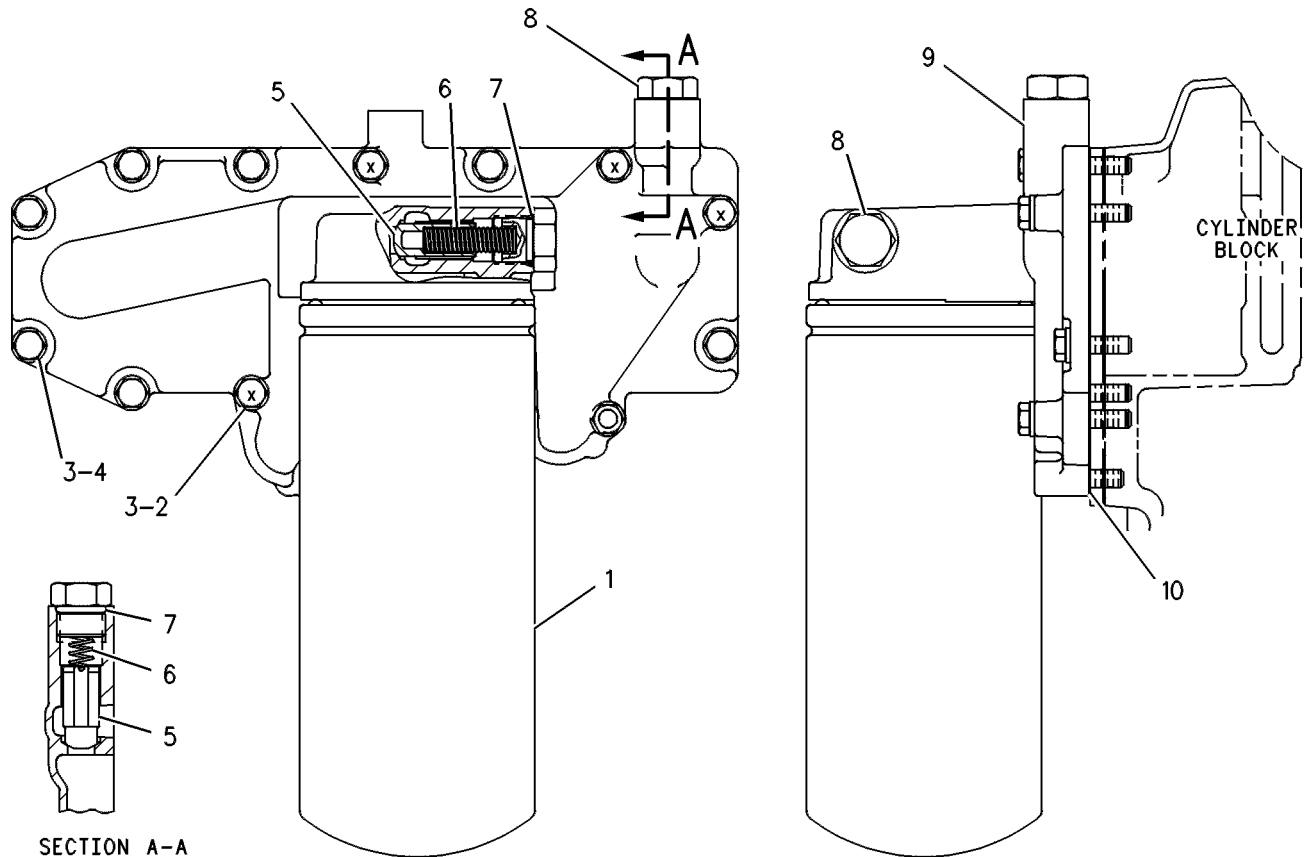
PART OF 191-4479, 191-4481 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1306, 1308, 1318

i01803469

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1R-0739	1	FILTER AS-ENGINE OIL						
M	2	1	8T-0276	4	BOLT (M8X1.25X45MM) (MARKED X)						
	3	1	9M-1974	14	WASHER-HARD (8.8X16X2MM THK)						
M	4	1	6V-2317	10	BOLT (M8X1.25X30MM)						
	5	1	7C-1493	2	VALVE AS-BYPASS						
	6	1	9L-9188	2	SPRING-VALVE						
	7	1	2M-9780	2	SEAL-O-RING						
M	8	1	5P-8196	2	PLUG						
	9	1	4P-8182	1	BASE AS-OIL FILTER						
		1	2P-2537	1	STUD-HOLLOW						
	10	1	7E-9817	1	GASKET						

M-METRIC PART



GRAPHIC #1

<END>

g00243739

LUBRICATION SYSTEM

211-1835 FUMES DISPOSAL GP

S/N: BMA1100-UP

PART OF 191-4479, 191-4481 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1317

i01882549

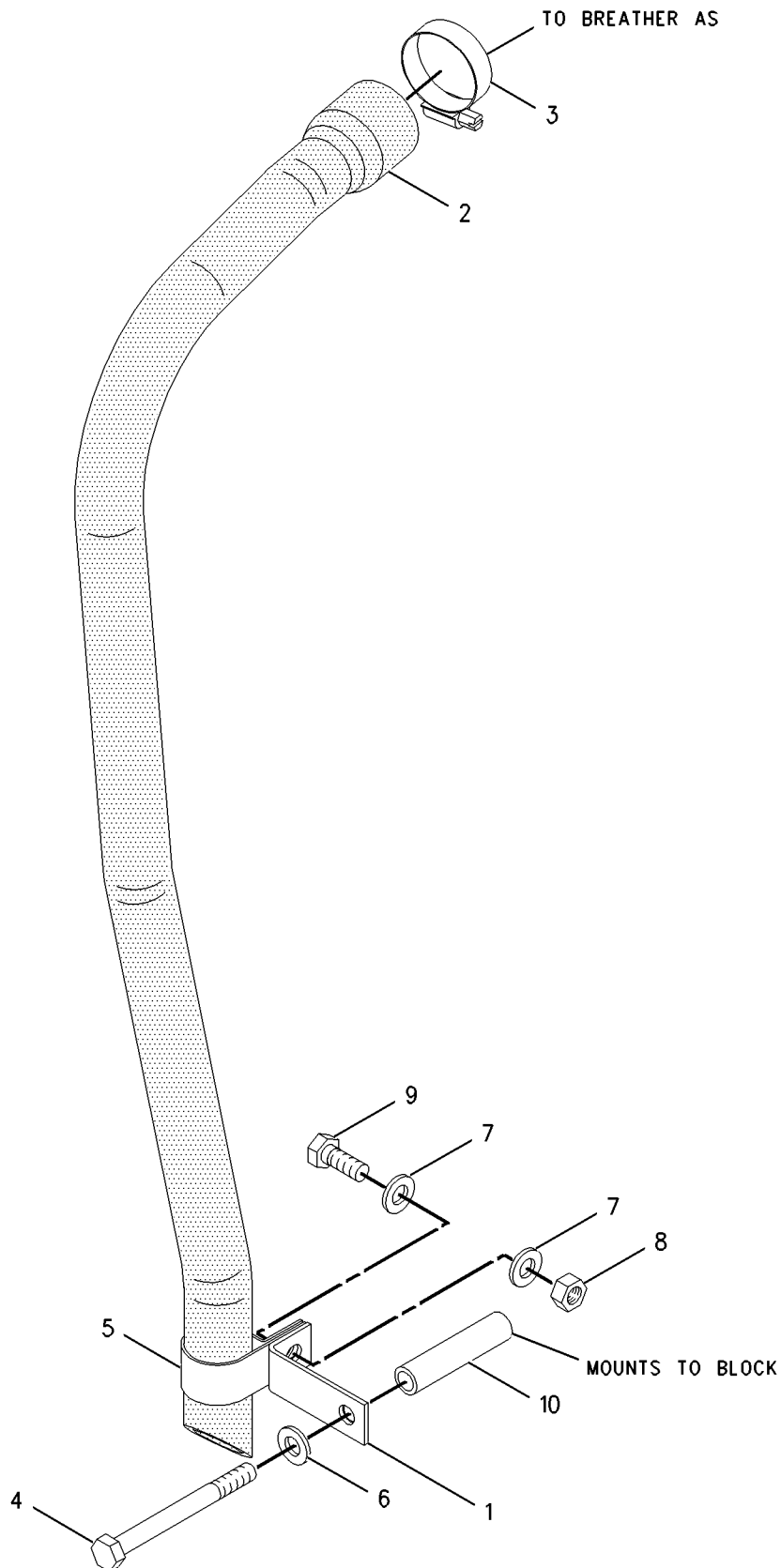
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3V-0778	1	BRACKET						
	2	1	4W-2181	1	HOSE-DISPOSAL (FUMES)						
	3	1	9M-2904	1	CLAMP-HOSE						
M	4	1	175-3168	1	BOLT						
	5	1	2S-2053	1	CLIP						
	6	1	3E-4352	1	WASHER-HARD (8.8X20.5X2.5MM THK)						
	7	1	8T-4121	2	WASHER-HARD (11X21X2.5MM THK)						
M	8	1	8T-4133	1	NUT (M10X1.5 THD)						
M	9	1	8T-4136	1	BOLT (M10X1.5X25MM)						
	10	1	9F-8218	1	SPACER						

M-METRIC PART

LUBRICATION SYSTEM

211-1835 FUMES DISPOSAL GP (contd.)

i01882549



GRAPHIC #1

<END>

g00923042

LUBRICATION SYSTEM

159-1810 GAUGE GP-OIL LEVEL (DIPSTICK)

S/N: BMA1100-UP

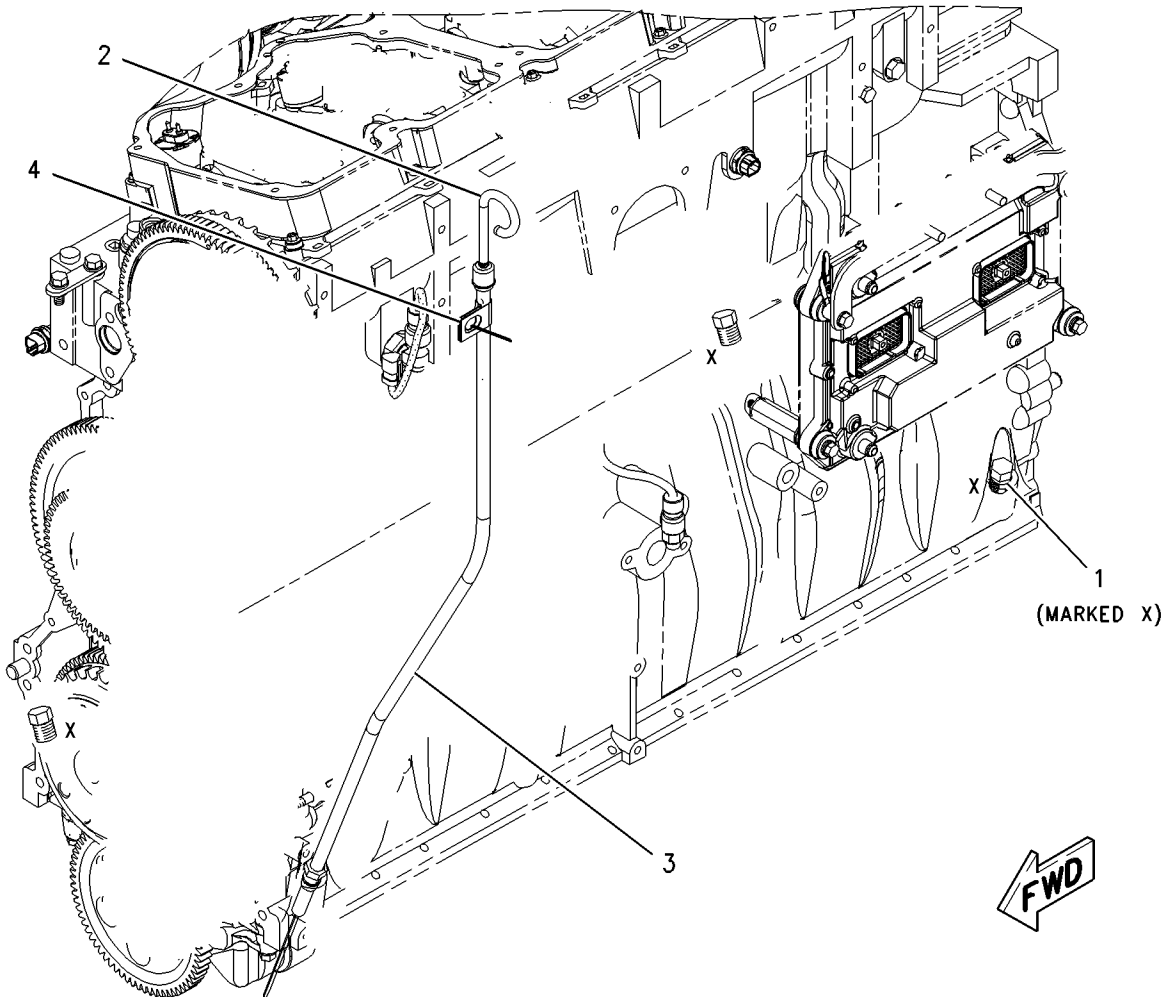
PART OF 191-4479, 191-4481 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1326

i01803590

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
J	1	1	1S-2563	3	PLUG						
	2	1	201-2403	1	GAUGE-OIL LEVEL						
	3	1	224-9337	1	TUBE AS						
	4	1	1F-7567	1	CLIP						

J-USE TO PLUG OPTIONAL DIPSTICK LOCATIONS IN CYLINDER BLOCK



GRAPHIC #1

<END>

g00923688

LUBRICATION SYSTEM

219-5853 LINES GP-ENGINE OIL

S/N: BMA1100-UP

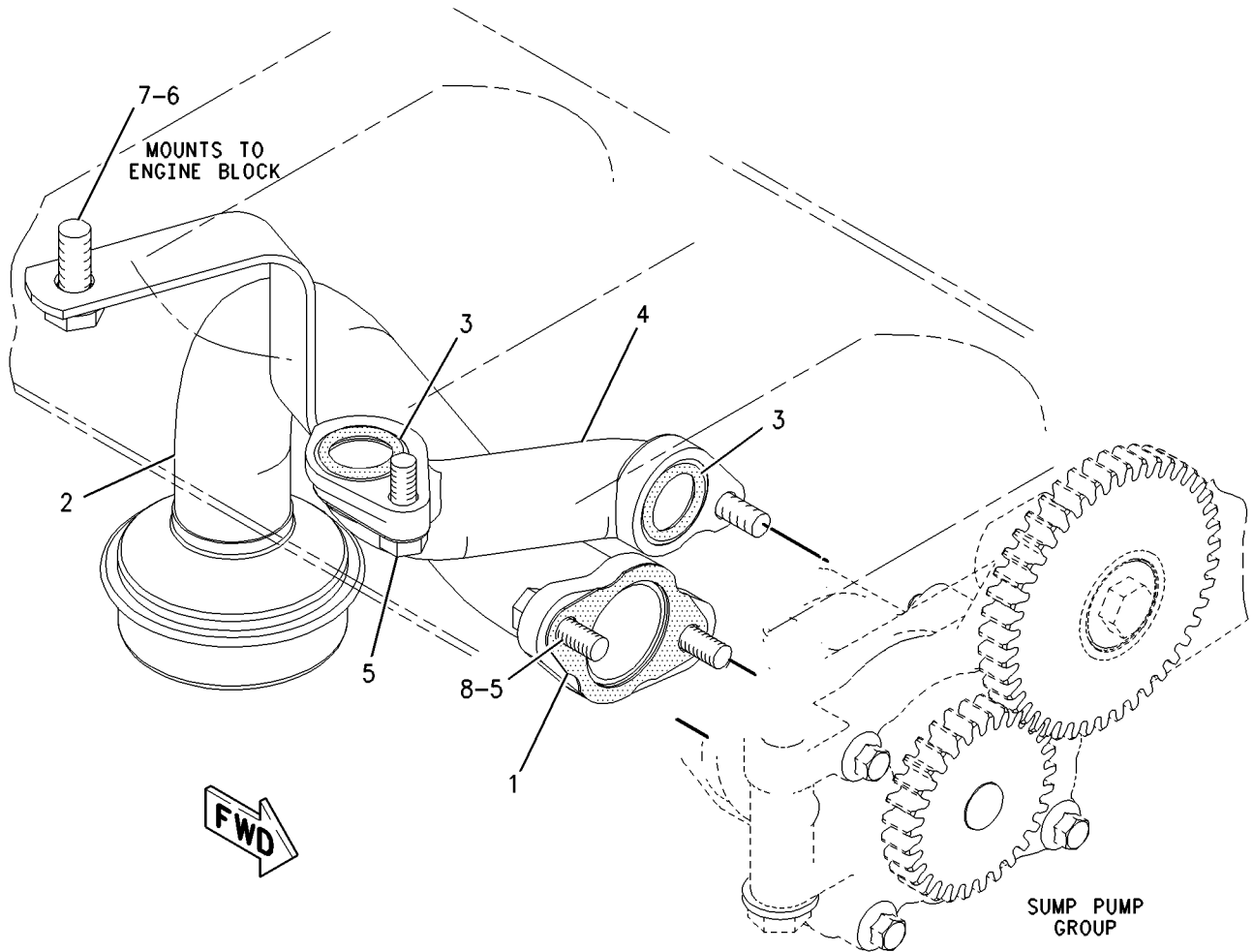
PART OF 191-4479, 191-4481 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1307

i01804597

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7W-5340	1	GASKET						
	2	1	219-5852	1	TUBE AS						
	3	1	3P-1156	2	SEAL-O-RING						
	4	1	4W-2232	1	ELBOW-OUTLET						
M	5	1	6V-3940	4	BOLT (M8X1.25X25MM)						
M	6	1	6V-4248	1	BOLT (M10X1.50X25MM)						
	7	1	6V-5839	1	WASHER (11X21X2.5MM THK)						
	8	1	9M-1974	2	WASHER-HARD (8.8X16X2MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g00901042

LUBRICATION SYSTEM

202-3262 LINES GP-TURBOCHARGER OIL

S/N: BMA1100-UP

PART OF 191-4479, 191-4481 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1052, 1307

i01882551

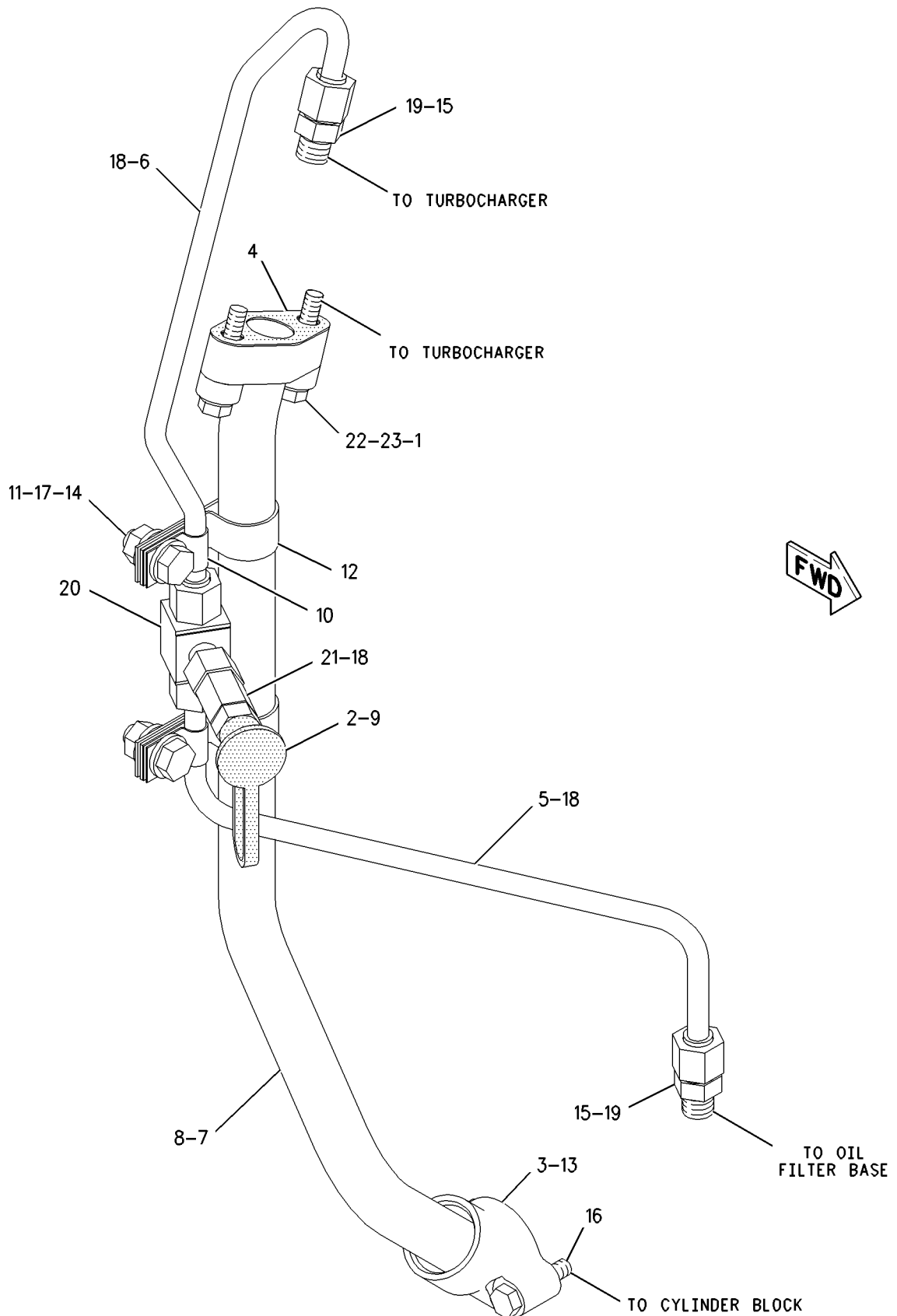
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8A-8563	2	SPACER						
	2	1	8C-3445	1	CAP-DUST (TURBO OIL SAMPLING VALVE)						
	3	1	119-2942	1	ADAPTER						
	4	1	188-6126	1	GASKET						
	5	1	202-3261	1	TUBE AS						
	6	1	225-5219	1	TUBE AS						
	7	1	225-5220	1	TUBE AS						
	8	1	114-2687	1	SEAL-O-RING						
	9	1	154-9024	1	VALVE GP-FLUID SAMPLING (TURBOCHARGER OIL)						
	10	1	1F-7567	2	CLIP						
M	11	1	2Y-5829	2	NUT (M10X1.5 THD)						
	12	1	4L-3641	2	CLIP						
	13	1	5P-8066	1	SEAL-O-RING						
M	14	1	6V-4248	2	BOLT (M10X1.50X25MM)						
	15	1	6V-5049	2	SEAL-O-RING						
M	16	1	6V-5218	2	BOLT (M8X1.25X35MM)						
	17	1	6V-5839	4	WASHER (11X21X2.5MM THK)						
	18	1	6V-8397	5	SEAL-O-RING						
	19	1	6V-8636	2	CONNECTOR						
	20	1	6V-9843	1	TEE-SWIVEL						
	21	1	7X-2441	1	ADAPTER						
M	22	1	8T-0276	2	BOLT (M8X1.25X45MM)						
	23	1	9M-1974	2	WASHER-HARD (8.8X16X2MM THK)						

M-METRIC PART

LUBRICATION SYSTEM

202-3262 LINES GP-TURBOCHARGER OIL (contd.)

i01882551



GRAPHIC #1

<END>

g00924635

LUBRICATION SYSTEM

212-2269 PUMP GP-ENGINE OIL

S/N: BMA1100-UP

PART OF 212-2270 PUMP GP-ENGINE OIL

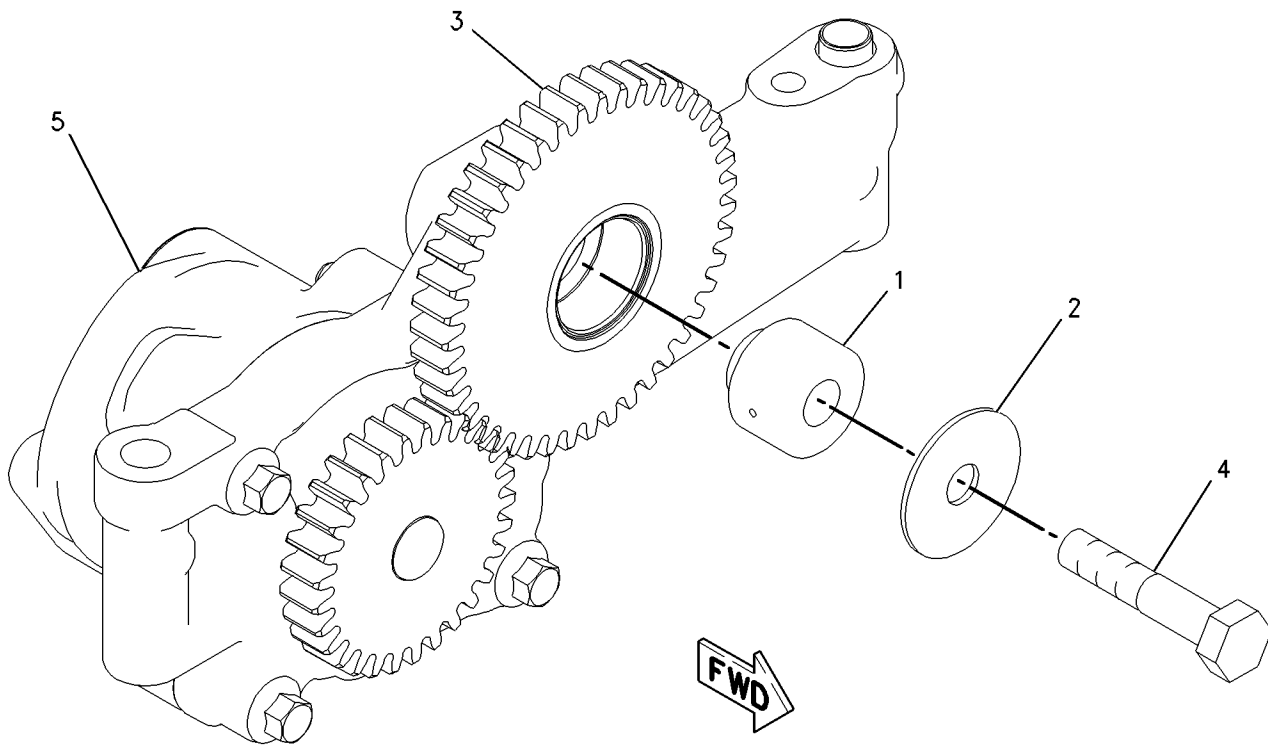
ALSO AN ATTACHMENT

SMCS-1304, 1315

i01697514

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7W-9737	1	SHAFT-OIL PUMP						
	2	1	7W-9738	1	WASHER (10.5X38X1.6MM THK)						
	3	1	7W-9740	1	GEAR AS-IDLER (43 TEETH)						
		1	7W-9930	1	BEARING-SLEEVE						
M	4	1	9X-2305	1	BOLT-LOCKING (M10X1.5 THD)						
	5	1	210-5559	1	PUMP AS-GEROTOR						

M-METRIC PART



GRAPHIC #1

<END>

g00849418

LUBRICATION SYSTEM

212-2270 PUMP GP-ENGINE OIL

S/N: BMA1100-UP

PART OF 191-4482 ENGINE AR-CORE

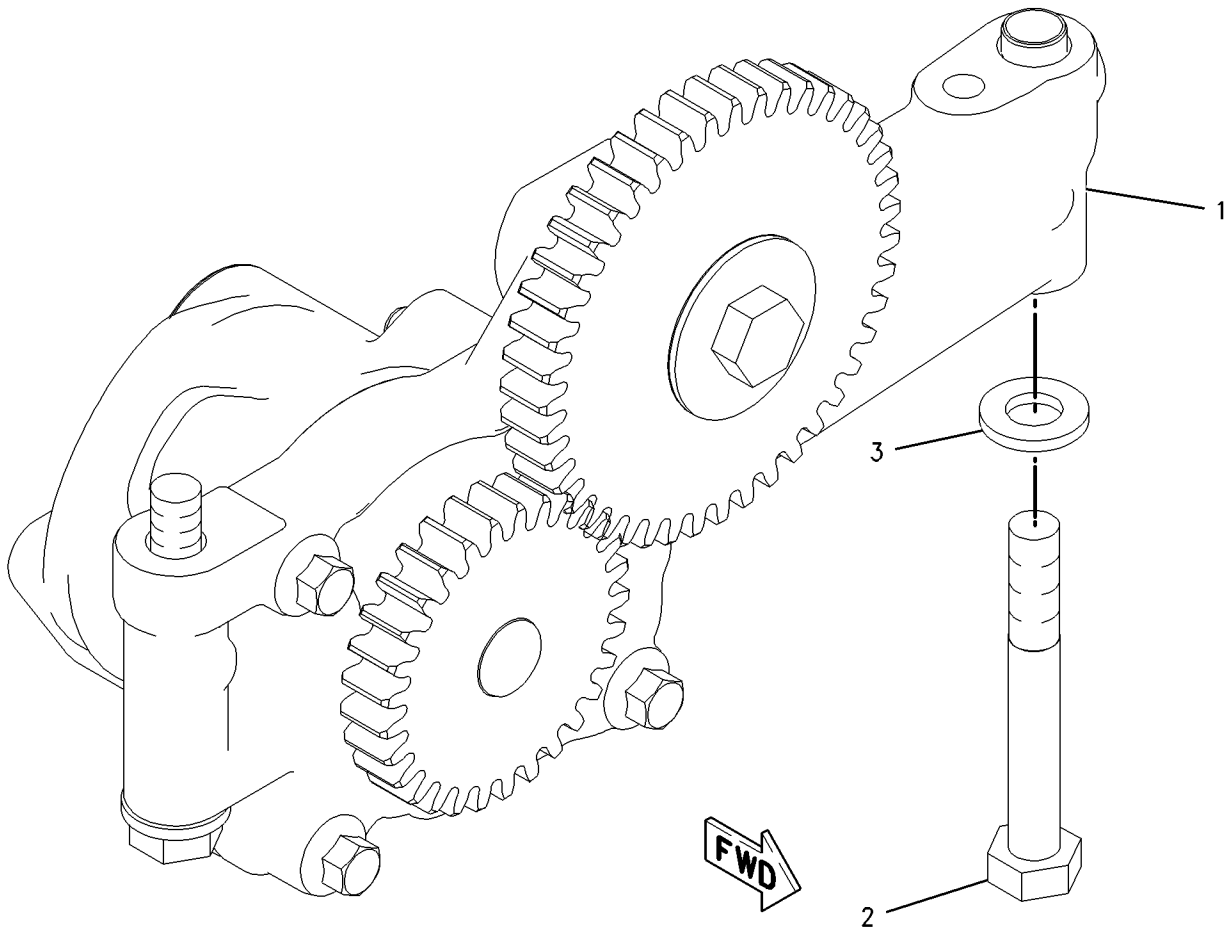
ALSO AN ATTACHMENT

SMCS-1304, 1315

i01697510

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	212-2269	1	PUMP GP-ENGINE OIL						74
M	2	1	6V-5815	2	BOLT (M10X1.5X75MM)						
	3	1	6V-5839	2	WASHER (11X21X2.5MM THK)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00849437

COOLING SYSTEM

117-3643 COOLER GP-ENGINE OIL

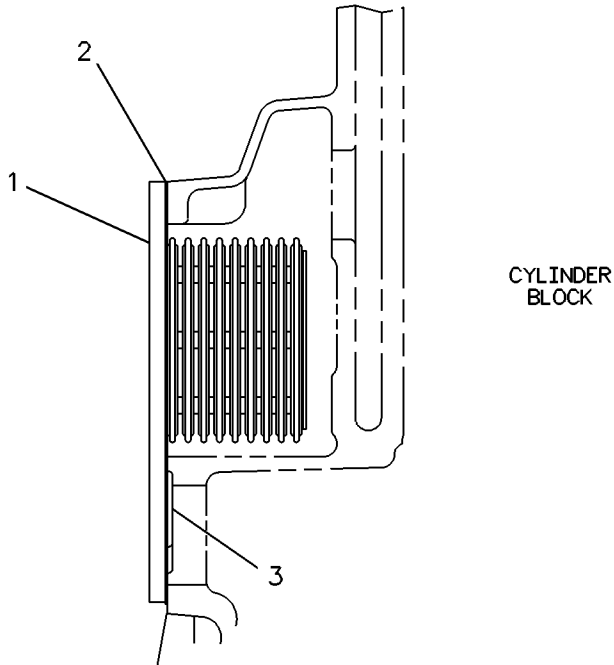
S/N: BMA1100-UP
PART OF 191-4482 ENGINE AR-CORE
ALSO AN ATTACHMENT

SMCS-1378

i01858175

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
R	1	1	187-8595	1	CORE AS-ENGINE OIL COOLER						
	2	1	7C-1160	1	GASKET						
M	3	1	8M-4445	2	SEAL-O-RING						

M-METRIC PART
R-REMFG PART MAY BE AVAILABLE



GRAPHIC #1

<END>

g00117316

COOLING SYSTEM

226-3406 COOLING AR

S/N: CCK1-UP

CANNOT BE USED WITH , 195-1043-PAGE 81
AN ATTACHMENT

SMCS - 1353

i01877560

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	193-1038	1	BELT GP						7
Y	191-4481	1	ENGINE AR - COMPLETE						3
Y	196-1814	1	FAN GP						78

Y-SEPARATE ILLUSTRATION

<END>

COOLING SYSTEM

196-1814 FAN GP

S/N: CCK1-UP

PART OF 226-3406 COOLING AR, 169-4912 SUPPRESSION AR-SOUND
AN ATTACHMENT

SMCS-1356

i01877797

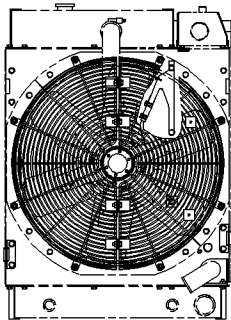
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	189-8904	1	SPIDER AS-FAN (BLOWER) (6 BLADES)						
	2	1	195-6814	1	GUARD AS-FAN						
	3	1	218-1964	1	DRIVE AS-FAN						
		1	102-8805	1	KIT-RECEPTACLE (6 PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
		1	186-3735	1	PIN-CONNECTOR						
	4	1	200-3736	1	GUARD AS-FAN						
M		1	8T-3490	4	NUT-WELD (M10X1.5 THD)						
	5	1	4D-7794	1	CLIP						
	6	1	218-0589	2	BRACKET						
M	7	1	7X-0818	6	BOLT (M8X1.25X45MM)						
M	8	1	8T-4191	2	BOLT (M10X1.5X16MM)						
	9	1	7X-7729	4	WASHER (11X25X3MM THK)						
	10	1	8T-4121	10	WASHER-HARD (11X21X2.5MM THK)						
M	11	1	8T-4136	4	BOLT (M10X1.5X25MM)						
M	12	1	8T-4195	8	BOLT (M10X1.5X30MM)						
	13	1	8T-4224	12	WASHER-HARD (8.8X16X2MM THK)						
	14	1	5F-9757	1	GROMMET						
M	15	1	8T-4908	6	BOLT (M8X1.25X25MM)						
	16	1	3S-2093	5	STRAP-CABLE						

M-METRIC PART

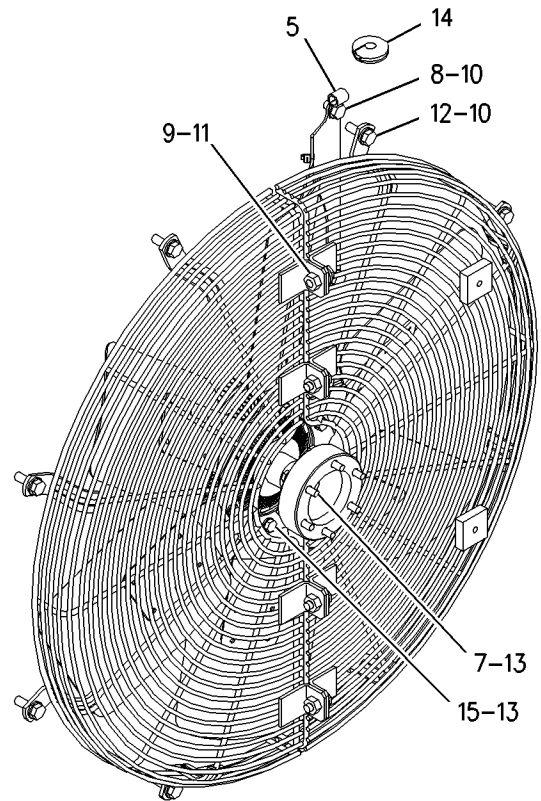
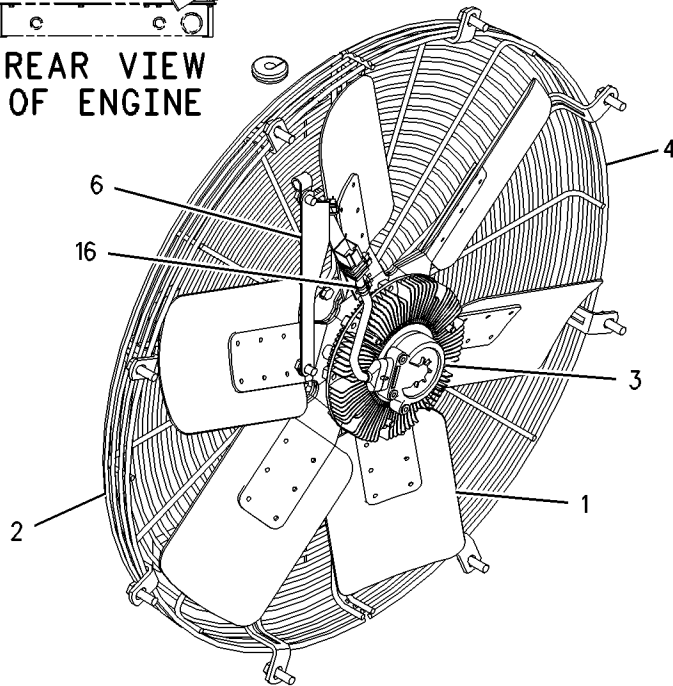
COOLING SYSTEM

196-1814 FAN GP (contd.)

i01877797



REAR VIEW
OF ENGINE



GRAPHIC #1

<END>

g00937647

COOLING SYSTEM

195-1041 FAN GP-BLOWER

S/N: CCK1-UP

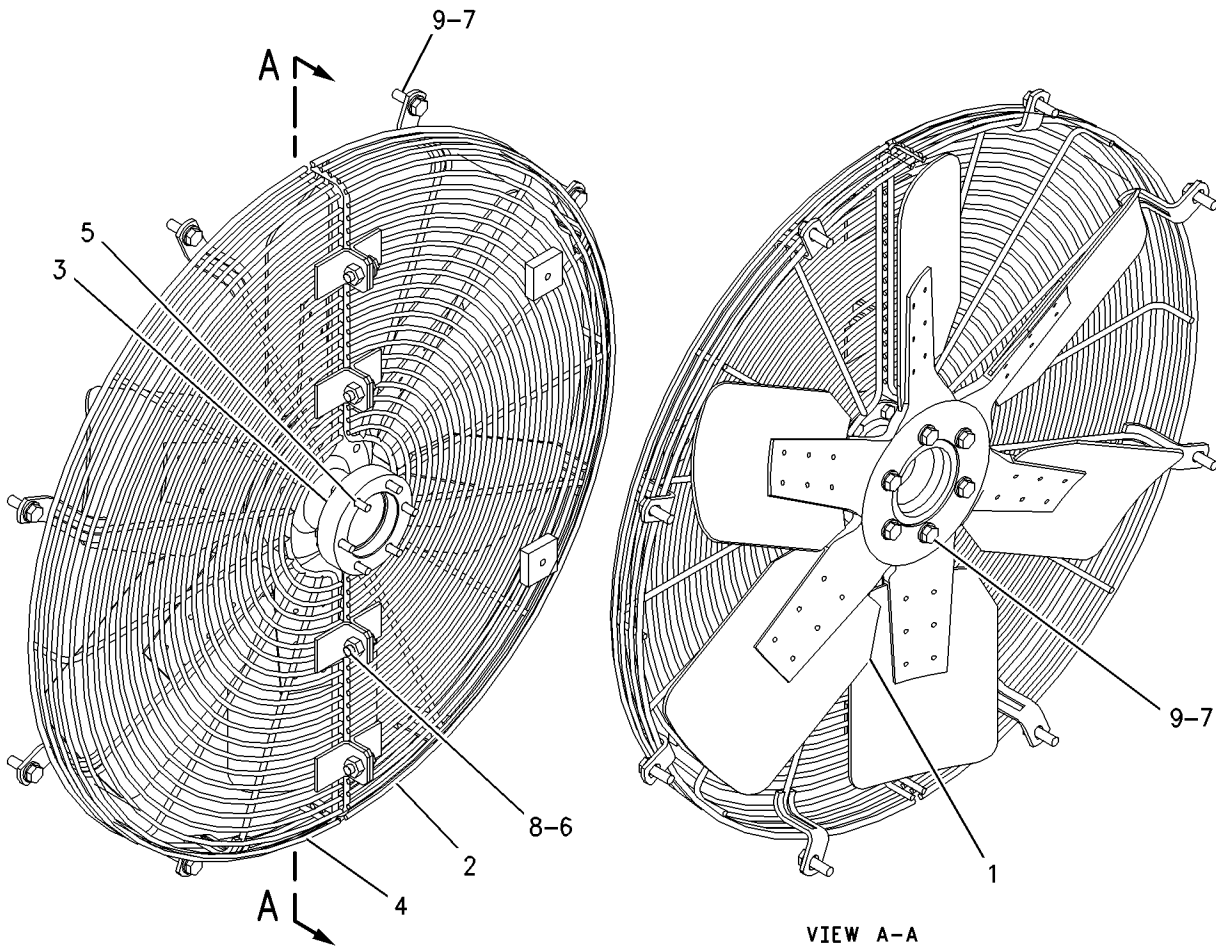
PART OF 189-4622 INSTALLATION AR-ENGINE

SMCS-1356, 1360

i01842757

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	226-2261	1	SPIDER AS-FAN						
	2	1	195-6814	1	GUARD AS-FAN (RIGHT)						
	3	1	200-0928	1	ADAPTER						
	4	1	200-3736	1	GUARD AS-FAN (LEFT)						
M		1	8T-3490	4	NUT-WELD (M10X1.5 THD)						
M	5	1	099-3649	6	BOLT (M8X1.25X40MM)						
	6	1	7X-7729	4	WASHER (11X25X3MM THK)						
	7	1	8T-4121	14	WASHER-HARD (11X21X2.5MM THK)						
M	8	1	8T-4136	4	BOLT (M10X1.5X25MM)						
M	9	1	8T-4195	14	BOLT (M10X1.5X30MM)						

M-METRIC PART



GRAPHIC #1

<END>

g00771054

COOLING SYSTEM

195-1043 FAN GP-REVERSIBLE

S/N: CCK1-UP

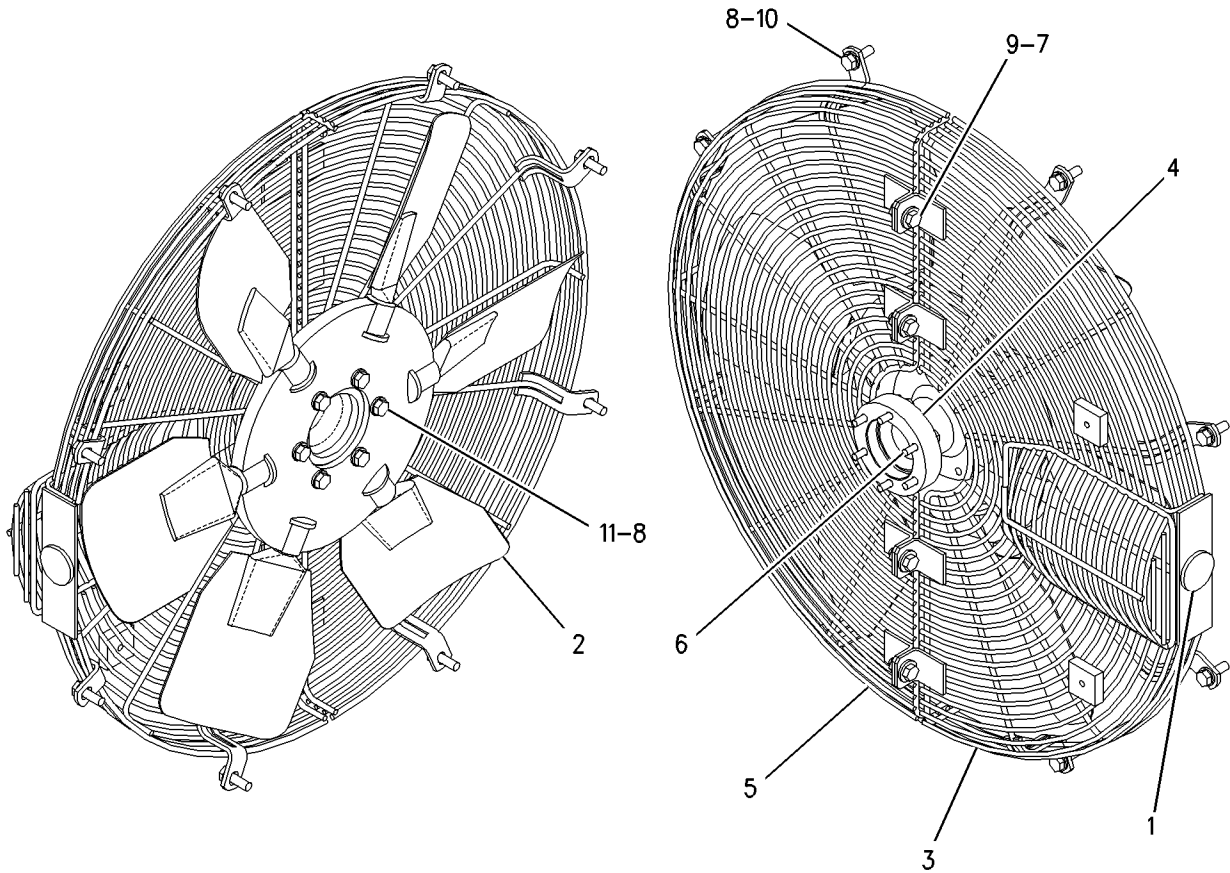
CANNOT BE USED WITH 196-1814-PAGE 78, 195-1045-PAGE 241, , 195-1041-PAGE 80
AN ATTACHMENT

SMCS-1356, 1360

i01830826

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6P-5560	1	GROMMET						
	2	1	188-8954	1	SPIDER AS-FAN						
	3	1	195-6815	1	GUARD AS-FAN (REV)						
	4	1	200-0928	1	ADAPTER						
	5	1	200-3736	1	GUARD AS-FAN (LEFT)						
M		1	8T-3490	4	NUT-WELD (M10X1.5 THD)						
M	6	1	099-3649	6	BOLT (M8X1.25X40MM)						
	7	1	7X-7729	4	WASHER (11X25X3MM THK)						
	8	1	8T-4121	14	WASHER-HARD (11X21X2.5MM THK)						
M	9	1	8T-4136	4	BOLT (M10X1.5X25MM)						
M	10	1	8T-4195	8	BOLT (M10X1.5X30MM)						
M	11	1	8T-4186	6	BOLT (M10X1.5X40MM)						

M-METRIC PART



GRAPHIC #1

<END>

g00772264

COOLING SYSTEM

159-1814 LINES GP-WATER

S/N: BMA1100-UP

PART OF 191-4479, 191-4481 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1355, 1380, 1393

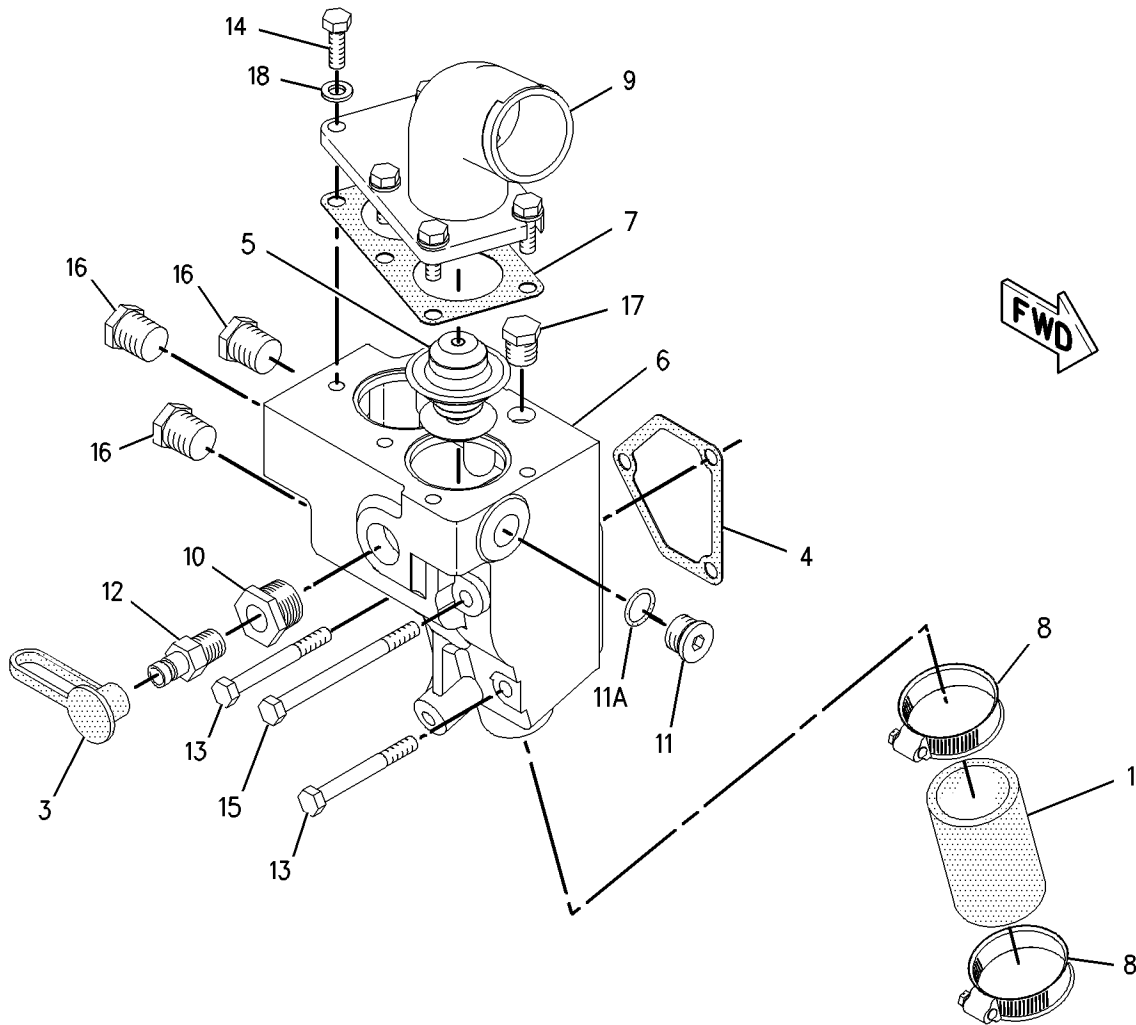
i01882556

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7E-0759	1	HOSE						
	3	1	157-0670	1	CAP-DUST (COOLANT SAMPLING VALVE)						
	4	1	126-5466	1	GASKET						
	5	1	126-5869	1	REGULATOR-WATER TEMPERATURE (94 DEG C) (COOLANT)						
	6	1	206-1540	1	HOUSING						
	7	1	136-0812	1	GASKET-WATER REGULATOR (COOLANT TEMPERATURE)						
	8	1	150-1999	2	CLAMP						
	9	1	191-2111	1	ELBOW						
	10	1	011-5224	1	BUSHING-TERMINAL						
	11	1	9S-8005	1	PLUG						
	11A	1	3K-0360	1	SEAL-O-RING						
	12	1	154-9024	1	VALVE GP-FLUID SAMPLING (COOLANT)						
M	13	1	5P-8347	2	BOLT (M8X1.25X70MM)						
M	14	1	6V-3940	6	BOLT (M8X1.25X25MM)						
M	15	1	6V-5223	1	BOLT (M8X1.25X100MM)						
	16	1	7W-6492	3	PLUG-PIPE						
	17	1	8T-6767	1	PLUG-PIPE						
	18	1	9M-1974	6	WASHER-HARD (8.8X16X2MM THK)						
M-METRIC PART											

COOLING SYSTEM

159-1814 LINES GP-WATER (contd.)

i01882556



GRAPHIC #1

<END>

g00781109

COOLING SYSTEM

193-9237 PUMP GP-WATER

S/N: BMA1100-UP

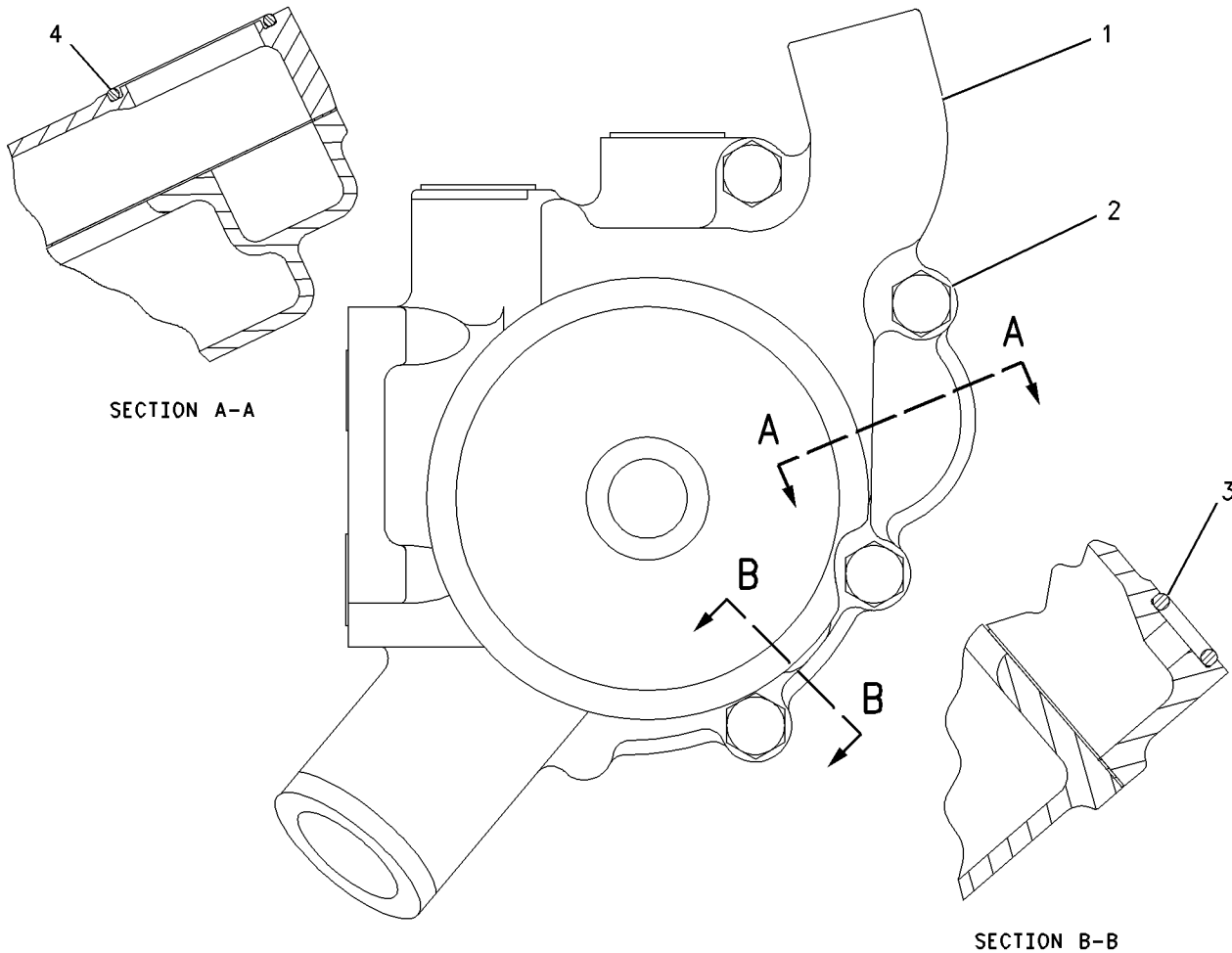
PART OF 191-4479, 191-4481 ENGINE AR-COMPLETE
ALSO AN ATTACHMENT

SMCS-1361, 1363, 1364, 1373, 1384, 1389, 1394

i01483815

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	193-9238	1	PUMP GP-WATER						85
M	2	1	8T-0644	4	BOLT (M10X1.50X90MM)						
	3	1	2M-4453	1	SEAL-O-RING						
	4	1	7F-8267	1	SEAL-O-RING						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00772077

COOLING SYSTEM

193-9238 PUMP GP-WATER

S/N: BMA1100-UP

PART OF 193-9237 PUMP GP-WATER

ALSO AN ATTACHMENT

SMCS-1361, 1363, 1364, 1373, 1384, 1389, 1394

i01884402

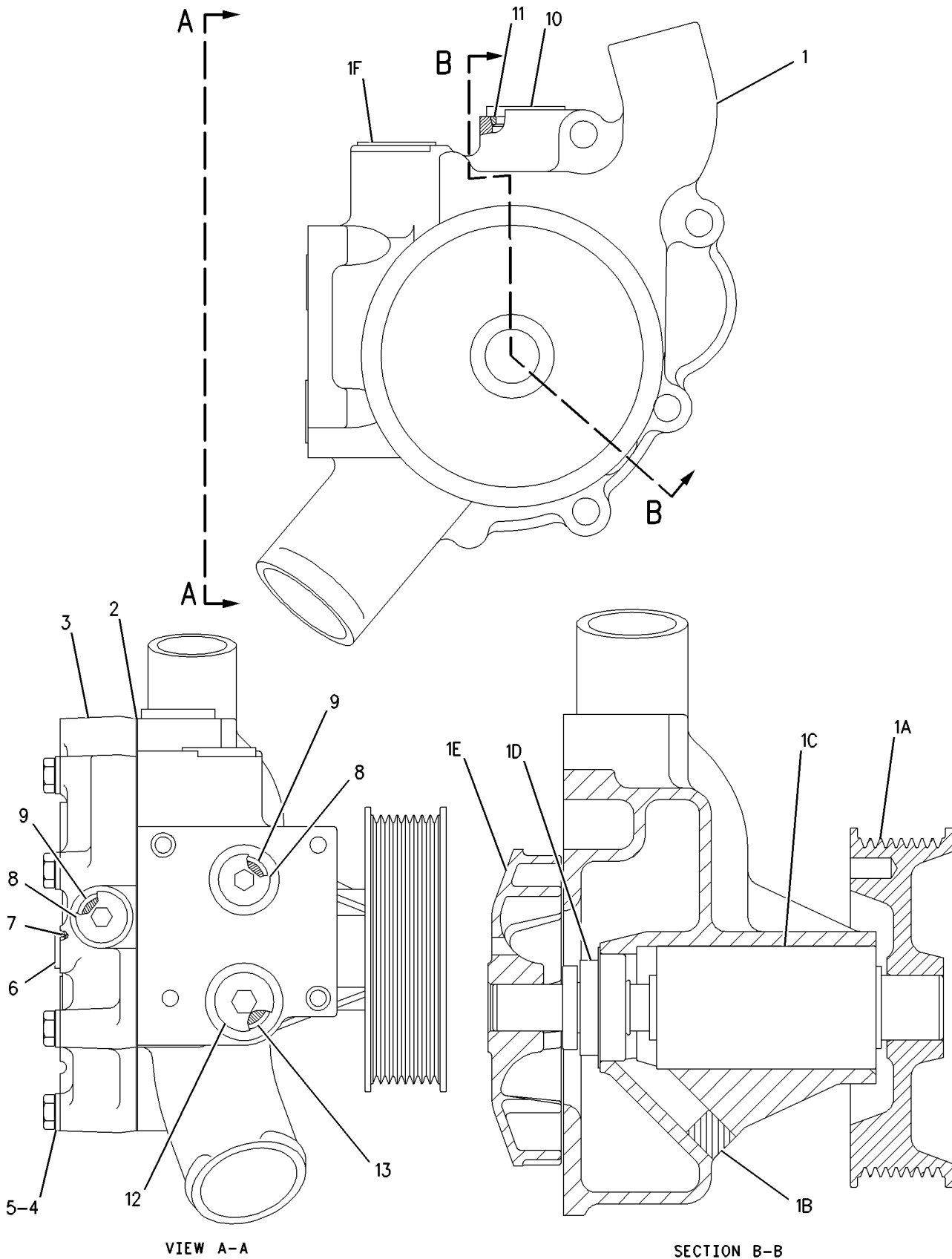
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	193-9239	1	PUMP AS-WATER						
	1A	1	117-3437	1	PULLEY (8 GROOVE)						
	1B	1	119-3025	1	FILTER-WATER (WATER PUMP)						
	1C	1	129-1170	1	SHAFT AS						
	1D	1	147-5088	1	SEAL AS-WATER PUMP						
	1E	1	152-3952	1	IMPELLER-PUMP						
	1F	1	193-9240	1	HOUSING-PUMP						
	2	1	4W-7592	1	GASKET						
	3	1	4W-0253	1	COVER						
M	4	1	6V-3918	4	BOLT (M8X1.25X50MM)						
	5	1	9M-1974	4	WASHER-HARD (8.8X16X2MM THK)						
	6	1	9S-8003	1	PLUG						
	7	1	1J-9671	1	SEAL-O-RING						
	8	1	9S-8005	2	PLUG						
	9	1	3K-0360	2	SEAL-O-RING						
	10	1	9S-8008	2	PLUG						
	11	1	3D-2824	2	SEAL-O-RING						
	12	1	9S-8006	1	PLUG						
	13	1	2M-9780	1	SEAL-O-RING						

M-METRIC PART

COOLING SYSTEM

193-9238 PUMP GP-WATER (contd.)

i01884402



GRAPHIC #1

<END>

g00772119

COOLING SYSTEM

195-1040 RADIATOR GP

S/N: CCK1-UP

PART OF 189-4622 INSTALLATION AR-ENGINE

SMCS-1351

i01884404

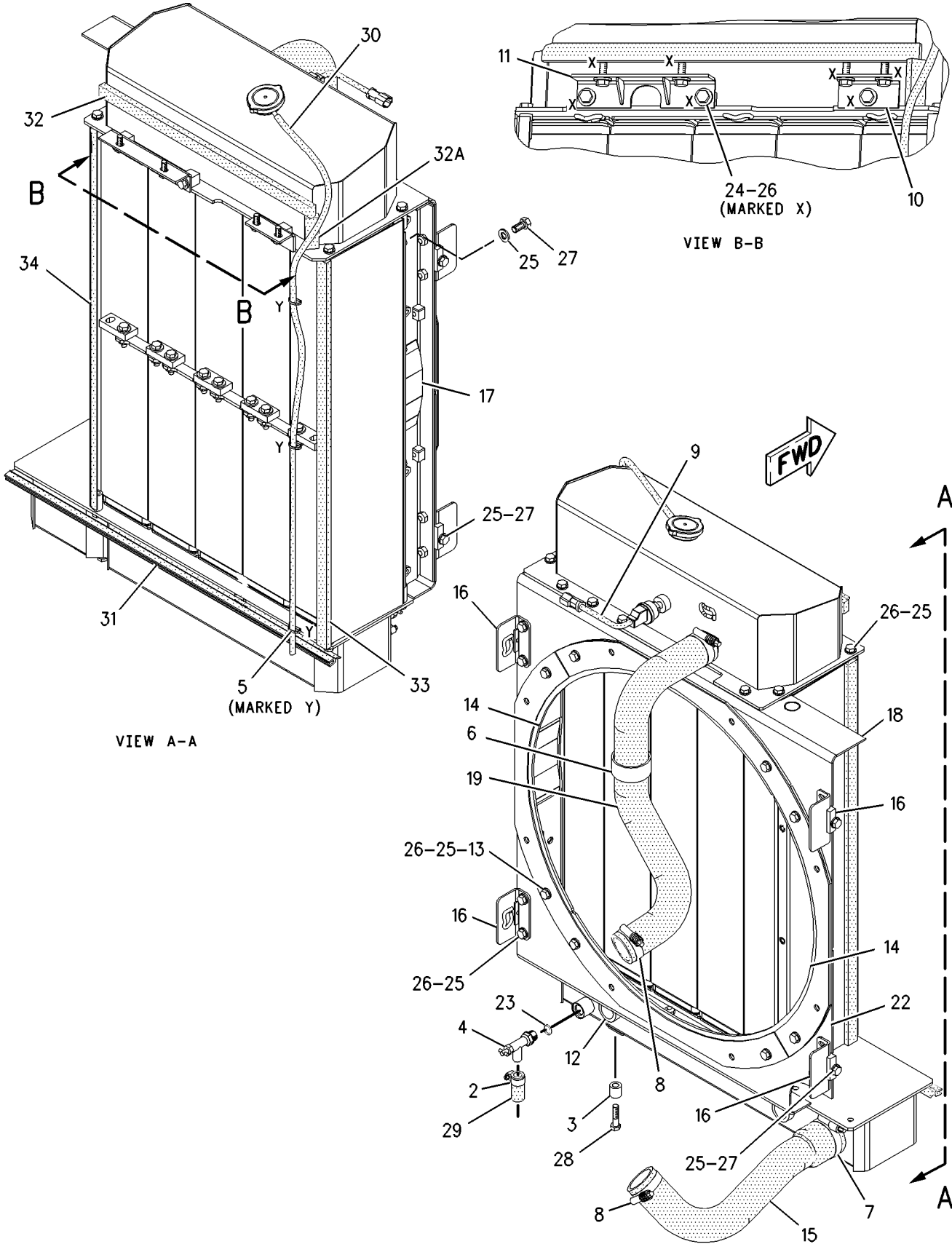
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	2	1	5D-1026	1	CLAMP-HOSE						
	3	1	5V-9221	2	SPACER (13.8X25X25MM THK)						
	4	1	6V-7238	1	VALVE-SHUTOFF						
	5	1	7K-1181	3	STRAP-CABLE						
	6	1	7X-0458	1	CLIP						
	7	1	8T-4984	1	CLAMP-HOSE						
	8	1	8T-6703	3	CLAMP-HOSE						
Y	9	1	165-6634	1	SENSOR GP-LIQUID LEVEL (COOLANT)						155
	10	1	192-4428	1	BRACKET						
	11	1	192-4429	1	BRACKET						
Y	12	1	195-1809	1	RADIATOR GP						89
	13	1	195-7898	2	STRIP						
	14	1	195-7899	2	BAFFLE AS						
					(EACH INCLUDES)						
		1	7G-5186	8	SPACER (13X19X4.5MM THK)						
	15	1	198-1663	1	HOSE (LOWER RADIATOR)						
	16	1	201-8316	4	BRACKET AS						
	17	1	214-6735	1	PLATE AS						
M		1	8T-3490	8	NUT-WELD (M10X1.5 THD)						
	18	1	214-6736	1	SHROUD AS						
M		1	8T-3490	10	NUT-WELD (M10X1.5 THD)						
	19	1	214-6738	1	HOSE (UPPER RADIATOR)						
	22	1	190-5360	1	SHROUD AS						
M		1	8T-3490	12	NUT-WELD (M10X1.5 THD)						
	23	1	3K-0360	1	SEAL-O-RING						
	24	1	7X-7729	7	WASHER (11X25X3MM THK)						
	25	1	8T-4121	27	WASHER-HARD (11X21X2.5MM THK)						
M	26	1	8T-4136	26	BOLT (M10X1.5X25MM)						
M	27	1	8T-4137	8	BOLT (M10X1.5X20MM)						
M	28	1	8T-4194	2	BOLT (M12X1.75X50MM)						
E	29	1	5P-0767		HOSE (70 CM)						
E	30	1	8C-3681		HOSE (129CM)						
D	31	1	6V-5191		SEAL (1M)						
D	32	1	5P-9909		SEAL (.55M)						
D	32A	1	5P-9909		SEAL (.07M)						
D	33	1	5P-5931		SEAL (.9M)						
D	34	1	6V-5163		SEAL (.9M)						

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

COOLING SYSTEM

195-1040 RADIATOR GP (contd.)

i01884404



VIEW A-A

VIEW B-B

GRAPHIC #1

<END>

g00975028

COOLING SYSTEM

195-1809 RADIATOR GP

S/N: CCK1-UP

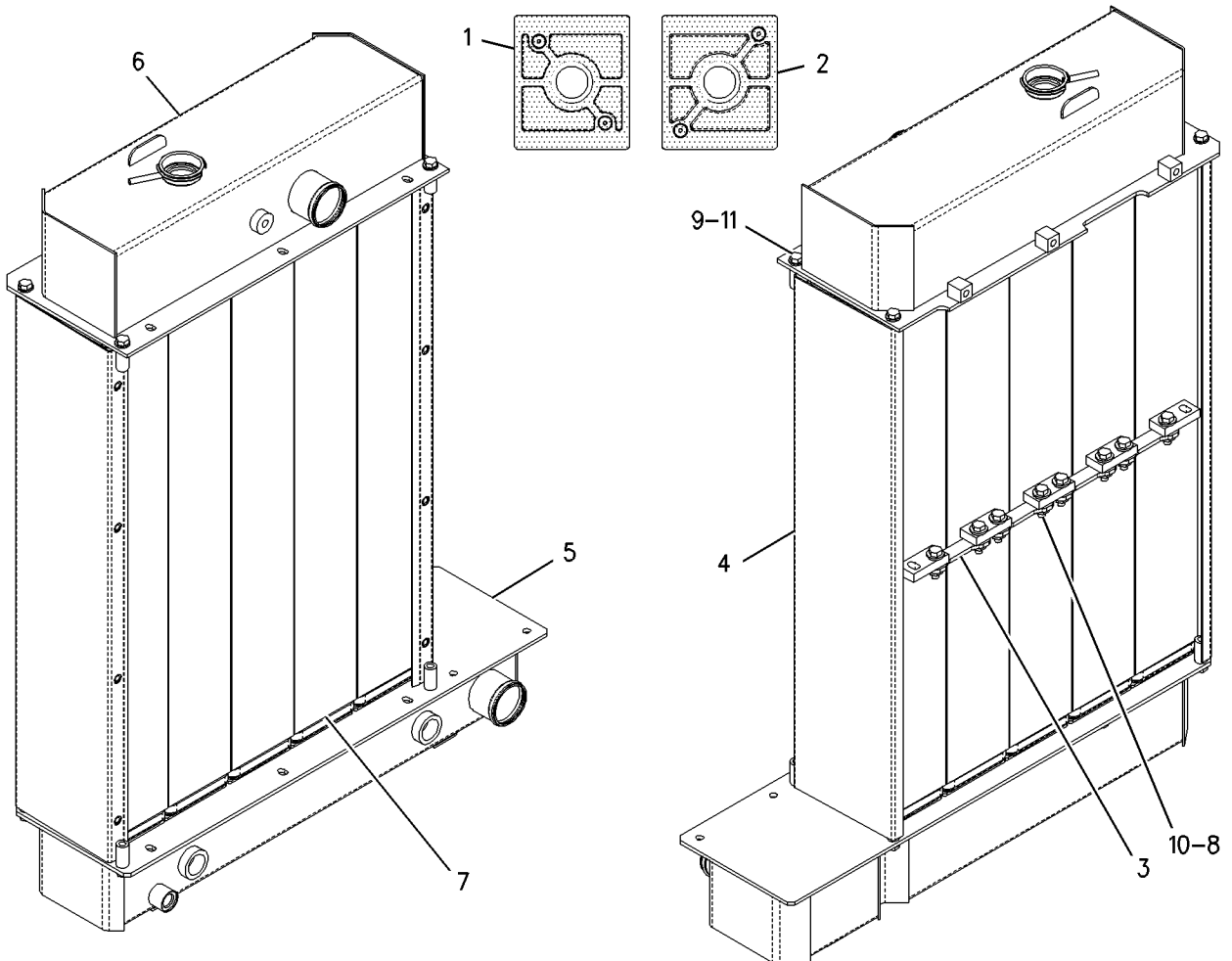
PART OF 195-1040 RADIATOR GP

SMCS-1351

i01881063

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4P-9942	5	SEAL-END TANK						
	2	1	4P-9943	5	SEAL-END TANK						
	3	1	7E-7754	4	STRAP AS						
	4	1	109-6967	2	PLATE AS						
					(EACH INCLUDES)						
M		1	8T-3490	4	NUT-WELD (M10X1.5 THD)						
	5	1	199-2387	1	TANK AS (RADIATOR)						
M		1	8T-3597	2	NUT-WELD (M12X1.75 THD)						
		1	106-7124	1	CORE AS-OIL COOLER						
	6	1	209-1990	1	TANK GP (RADIATOR-UPPER)						
		1	031-1119	1	CAP AS-RADIATOR (PRESSURE RELIEF)						
	7	1	188-3126	5	RADIATOR AS						
	8	1	7X-7729	8	WASHER (11X25X3MM THK)						
	9	1	8T-4121	8	WASHER-HARD (11X21X2.5MM THK)						
M	10	1	8T-4186	8	BOLT (M10X1.5X40MM)						
M	11	1	8T-4195	8	BOLT (M10X1.5X30MM)						

M-METRIC PART



GRAPHIC #1

<END>

g00773959

AIR INLET AND EXHAUST SYSTEM

195-1042 AFTERCOOLER GP

S/N: CCK1-UP

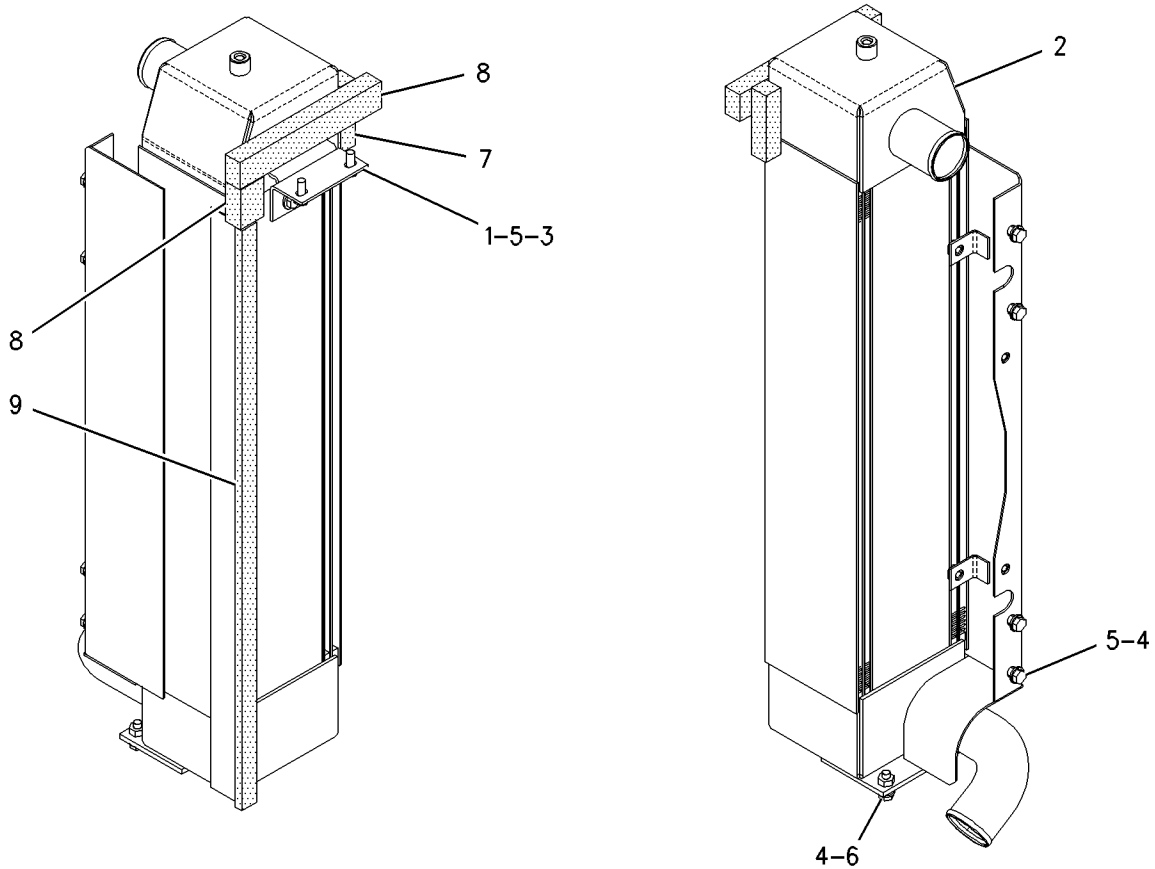
PART OF 189-4622 INSTALLATION AR-ENGINE

SMCS-1063, 1064, 1079

i01842783

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	197-4848	1	BRACKET						
	2	1	200-8616	1	AFTERCOOLER AS						
	3	1	7X-7729	4	WASHER (11X25X3MM THK)						
	4	1	8T-4121	6	WASHER-HARD (11X21X2.5MM THK)						
M	5	1	8T-4136	8	BOLT (M10X1.5X25MM)						
M	6	1	8T-4195	2	BOLT (M10X1.5X30MM)						
E	7	1	5P-5649		SEAL (10 CM)						
E	8	1	6V-6604		SEAL (40 CM)						
E	9	1	5P-5931		SEAL (90 CM)						

E-ORDER BY THE CENTIMETER
M-METRIC PART



GRAPHIC #1

<END>

g00772048

AIR INLET AND EXHAUST SYSTEM

195-1049 AIR CLEANER GP

S/N: CCK1-UP

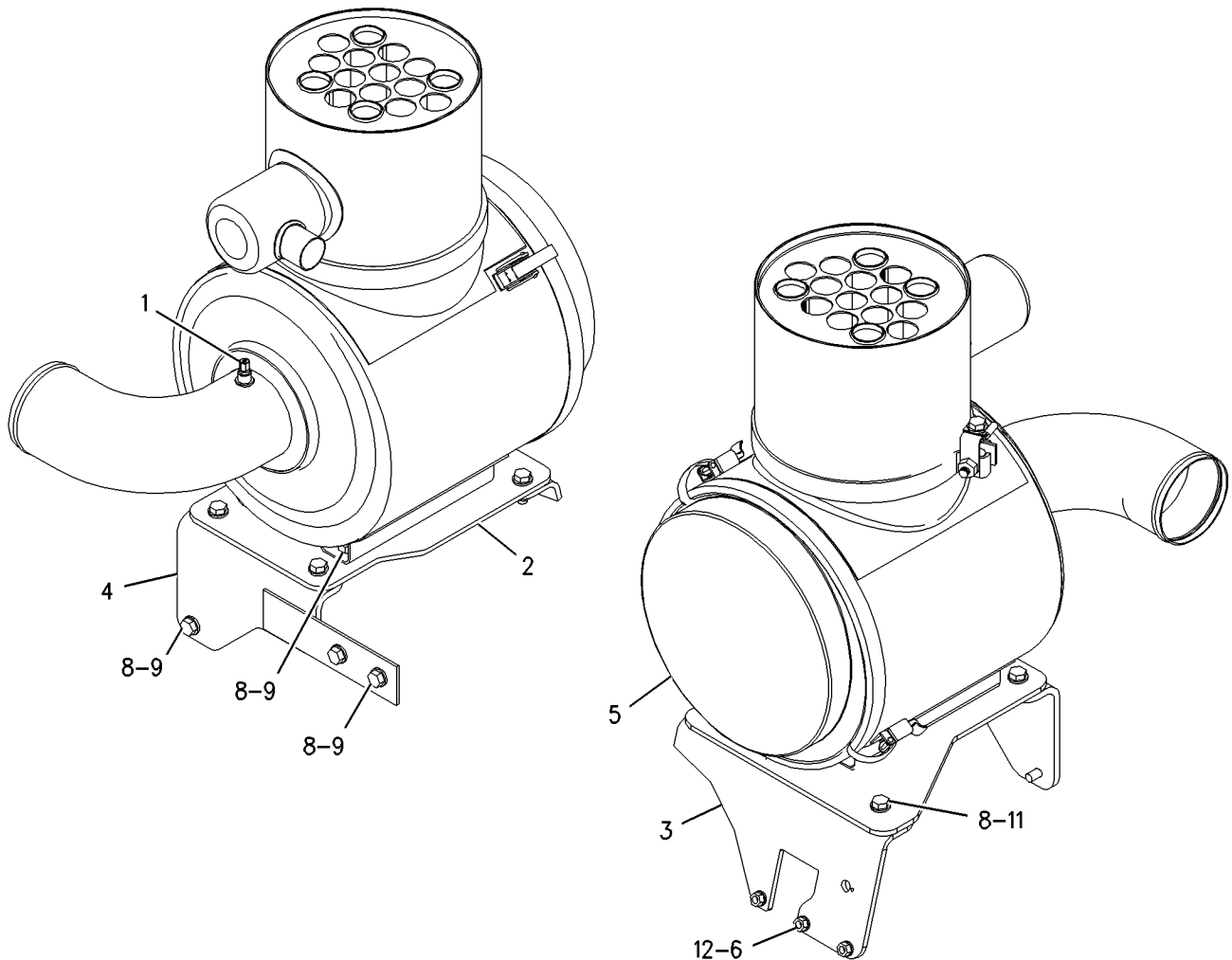
PART OF 189-4622 INSTALLATION AR-ENGINE

SMCS-1051, 1054

i01843128

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-2948	1	CONNECTOR GP						
	2	1	186-2695	1	PLATE						
	3	1	186-2696	1	BRACKET AS						
	4	1	187-4807	1	BRACKET AS						
	5	1	199-1416	1	AIR CLEANER AS						
		1	6I-2501	1	FILTER ELEMENT AS-AIR (PRIMARY)						
		1	6I-2502	1	FILTER ELEMENT AS-AIR (SECONDARY)						
		1	6I-4464	1	COVER AS-AIR CLEANER						
M	6	1	5C-7261	3	NUT (M8X1.25 THD)						
	8	1	8T-4121	11	WASHER-HARD (11X21X2.5MM THK)						
M	9	1	8T-4136	7	BOLT (M10X1.5X25MM)						
M	11	1	8T-4195	4	BOLT (M10X1.5X30MM)						
	12	1	8T-4224	3	WASHER-HARD (8.8X16X2MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g00941932

AIR INLET AND EXHAUST SYSTEM

153-1794 COVER GP-AIR INLET

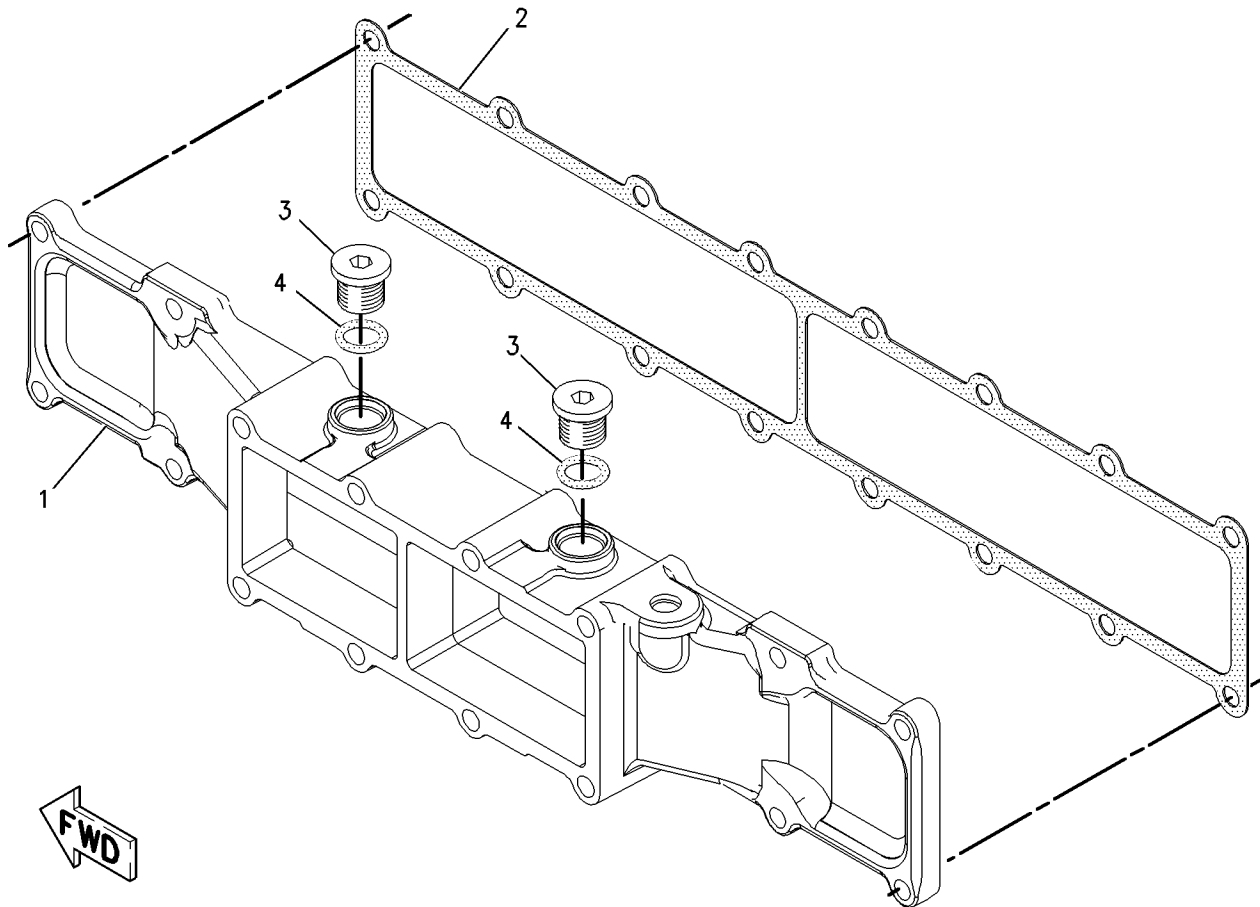
S/N: BMA1100-UP

PART OF 191-4479, 191-4481 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1087

i01802450

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	203-3769	1	COVER-AIR INLET						
	2	1	144-3472	1	GASKET						
	3	1	9S-8005	2	PLUG						
	4	1	3K-0360	2	SEAL-O-RING						



GRAPHIC #1

<END>

g00826727

AIR INLET AND EXHAUST SYSTEM

170-3273 ELBOW GP-AIR INLET

S/N: BMA1100-UP

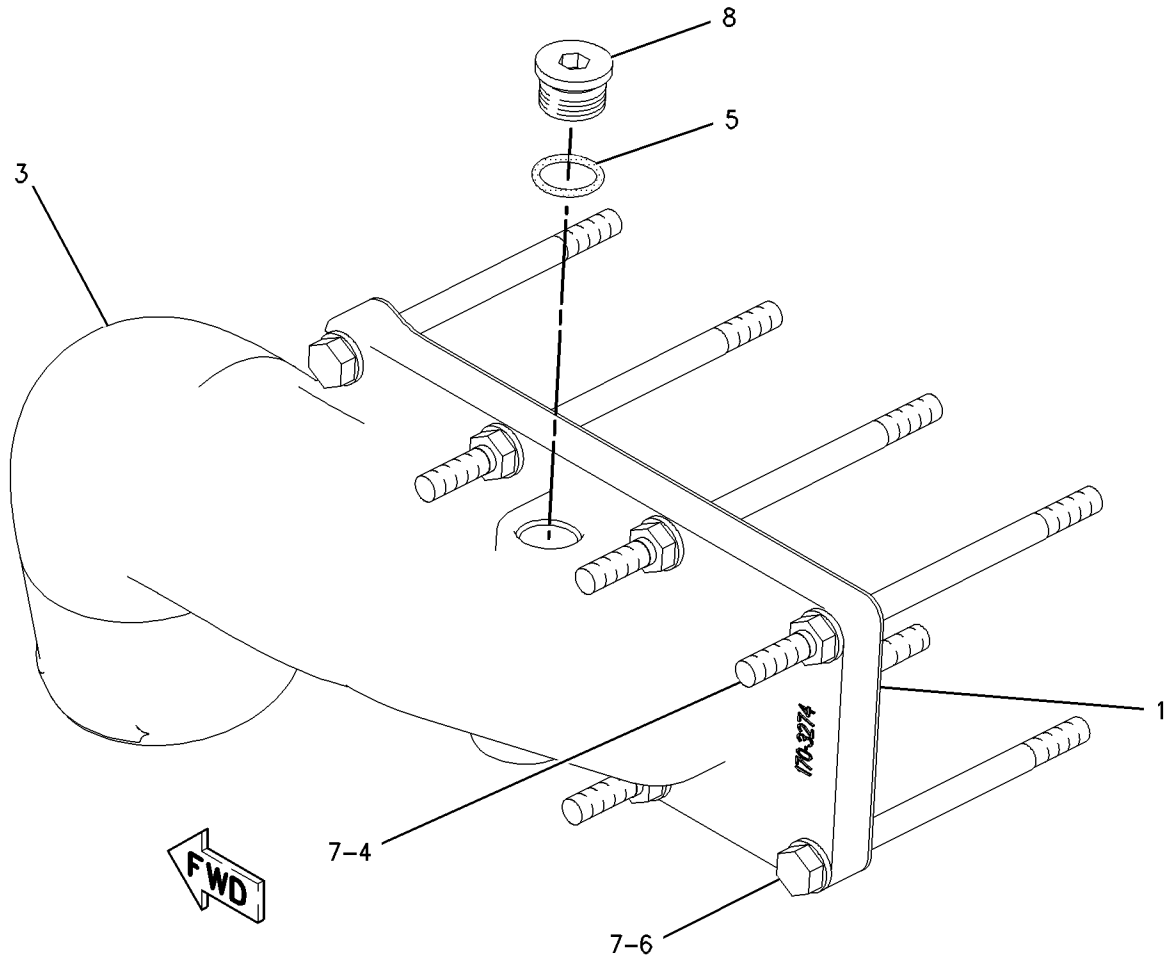
PART OF 191-4479, 191-4481 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1087

i01859783

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
B	1	1	1U-8846		SEALANT-GASKET						
	3	1	170-3274	1	ELBOW						
M	4	1	175-4166	4	STUD						
	5	1	3K-0360	1	SEAL-O-RING						
M	6	1	6V-3821	4	BOLT (M8X1.25X110MM)						
	7	1	9M-1974	8	WASHER-HARD (8.8X16X2MM THK)						
	8	1	9S-8005	1	PLUG						

B-USE AS REQUIRED
M-METRIC PART



GRAPHIC #1

<END>

g00948042

AIR INLET AND EXHAUST SYSTEM

178-9018 INDICATOR GP-AIR FILTER CHANGE

S/N: CCK1-UP

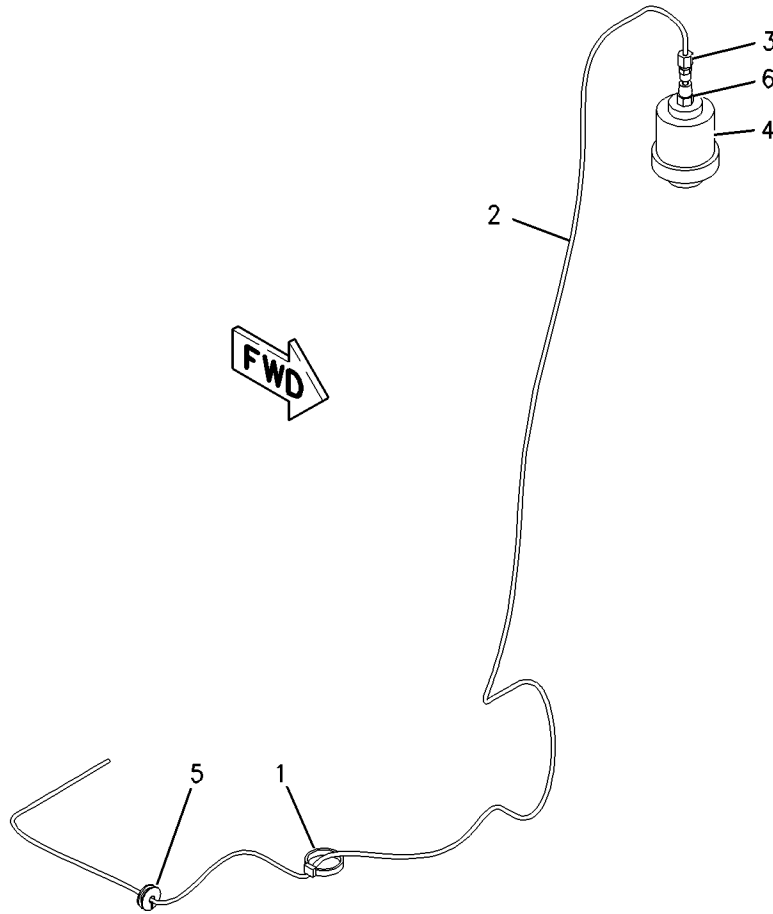
PART OF 156-8911 CAB GP

SMCS-7452

i01882566

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	1	STRAP-CABLE						
BD	2	1	5P-5630		TUBE						
	3	1	5P-2948	1	CONNECTOR GP						
		1	4K-9821	1	SLEEVE						
		1	4K-9822	1	NUT (5/16-24 THD)						
4	1		8N-2694	1	INDICATOR GP-AIR FILTER CHANGE						
5	1		2V-1937	1	GROMMET						
6	1		5K-5068	1	FITTING						

B- USE AS REQUIRED
D- ORDER BY THE METER



GRAPHIC #1

<END>

g00940007

AIR INLET AND EXHAUST SYSTEM

195-1047 LINES GP-AIR

S/N: CCK1-UP

PART OF 189-4622 INSTALLATION AR-ENGINE

SMCS-1071

i01881429

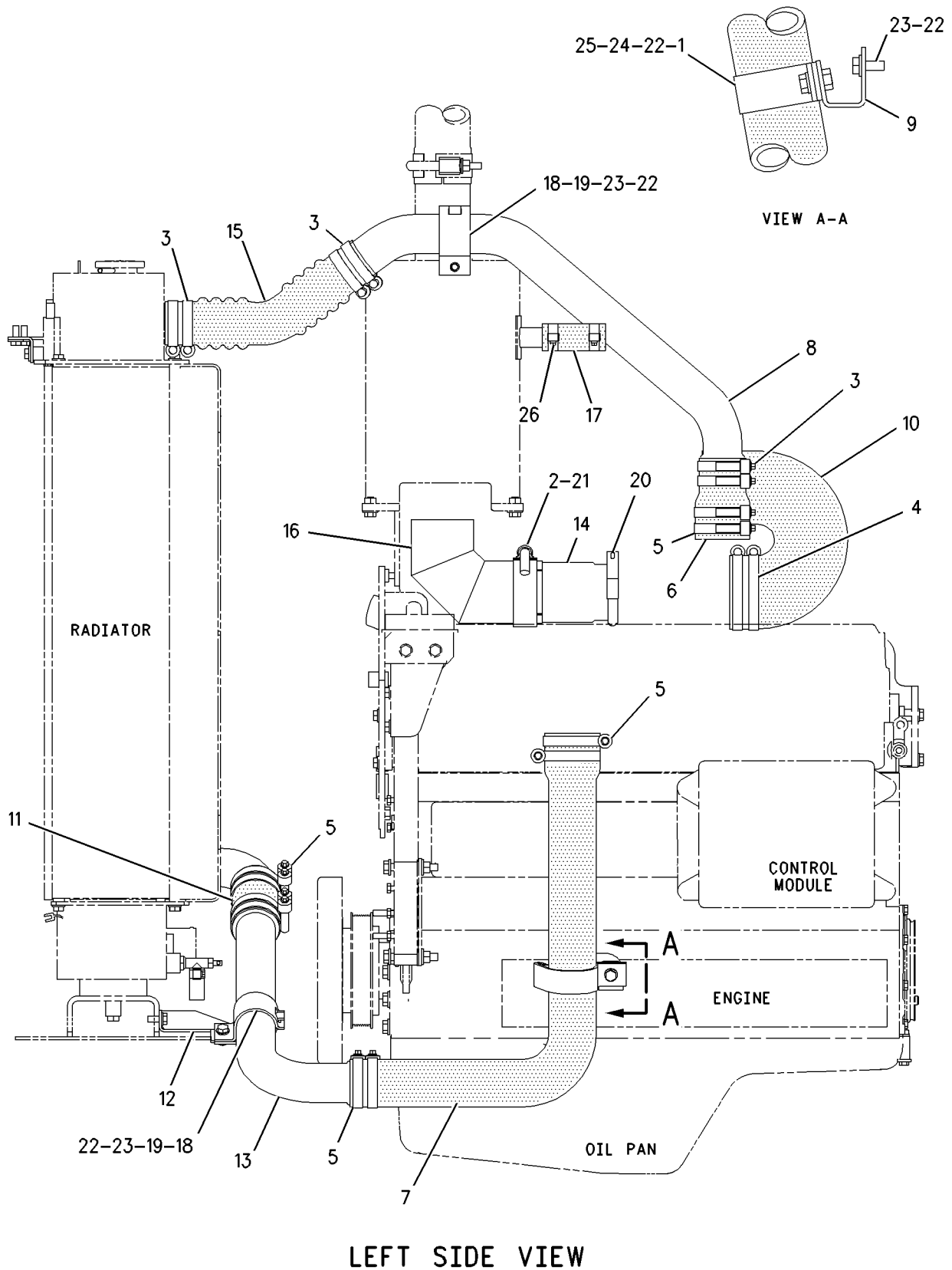
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	8T-4195	1	BOLT (M10X1.5X30MM)						
	2	1	7E-3870	1	CLAMP						
	3	1	8T-4984	6	CLAMP-HOSE						
	4	1	8T-4986	4	CLAMP-HOSE						
	5	1	144-0367	10	CLAMP-HOSE						
	6	1	193-0205	1	HOSE-REDUCER						
	7	1	199-2565	1	HOSE						
	8	1	199-2569	1	TUBE						
	9	1	199-2579	1	BRACKET AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5 THD)						
	10	1	199-2580	1	HOSE						
	11	1	200-3745	1	HOSE						
	12	1	200-3746	1	BRACKET AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5 THD)						
	13	1	200-3747	1	TUBE						
	14	1	203-3158	1	ADAPTER-EXHAUST						
	15	1	203-7607	1	HOSE						
	16	1	206-7738	1	ELBOW						
E	17	1	206-7740	1	HOSE						
	18	1	109-1633	2	CLIP (SLOT)						
	19	1	109-1634	2	CLIP (TAB)						
	20	1	7C-0752	1	CLAMP (TURBINE)						
	21	1	8L-5832	1	NUT-HEX (10-32 THD)						
	22	1	8T-4121	6	WASHER-HARD (11X21X2.5MM THK)						
M	23	1	8T-4136	5	BOLT (M10X1.5X25MM)						
	24	1	9X-2646	1	CLIP (SLOT)						
	25	1	9X-2647	1	CLIP (TAB)						
	26	1	5P-2230	2	CLAMP-HOSE						

E-ORDER BY THE CENTIMETER
M-METRIC PART

AIR INLET AND EXHAUST SYSTEM

195-1047 LINES GP-AIR (contd.)

i01881429



GRAPHIC #1

<END>

g00970493

AIR INLET AND EXHAUST SYSTEM

159-2572 MANIFOLD GP-EXHAUST

S/N: BMA1100-UP

FORWARD EXHAUST, HIGH-MOUNT TURBO

PART OF 191-4479, 191-4481 ENGINE AR-COMPLETE

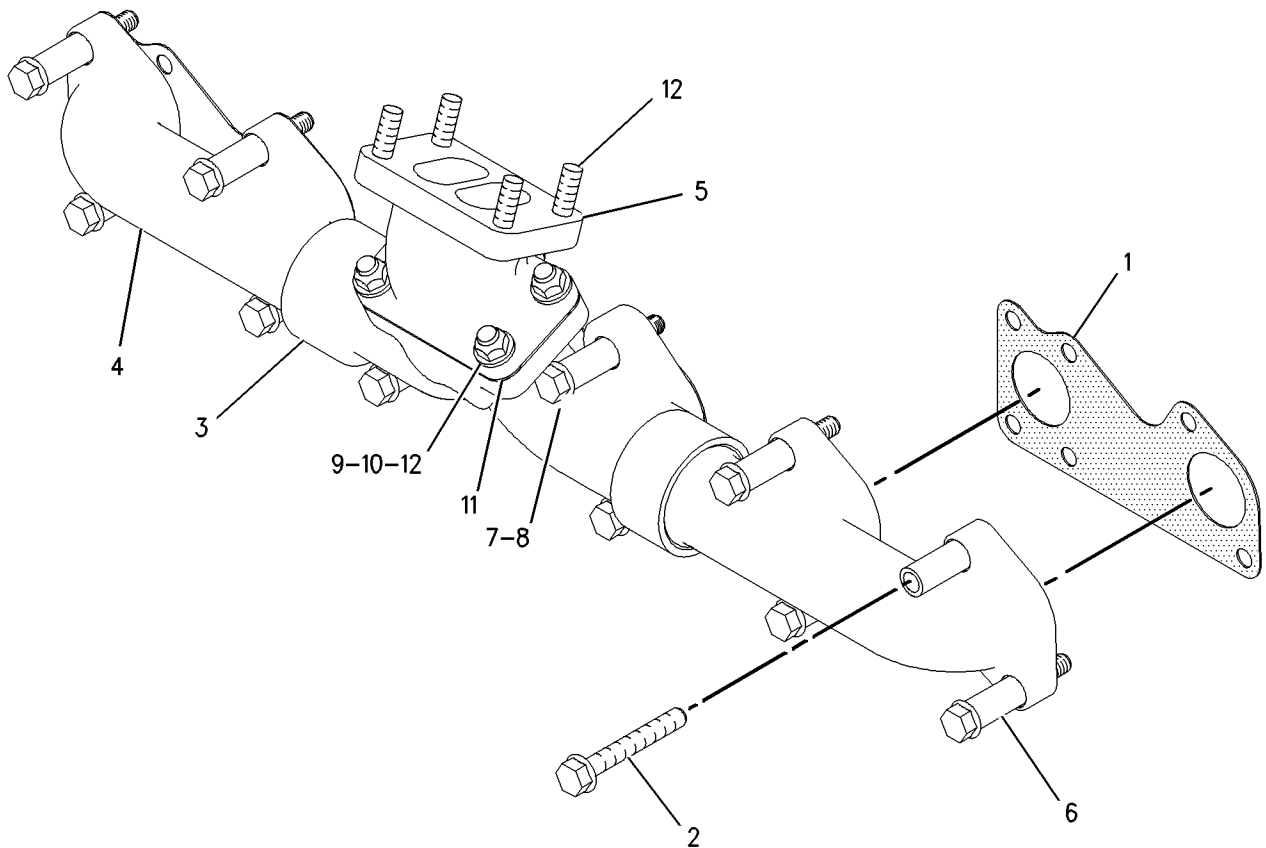
ALSO AN ATTACHMENT

SMCS-1059

i01804584

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	172-6284	3	GASKET						
M	2	1	172-6298	10	BOLT-FLANGE HEAD (M10)						
	3	1	183-6854	1	MANIFOLD-EXHAUST						
	4	1	183-6856	2	MANIFOLD-EXHAUST						
	5	1	186-3525	1	ELBOW						
	6	1	189-8772	10	SPACER						
	7	1	203-3768	2	SPACER						
	8	1	210-7722	2	BOLT-FLANGE HEAD (M10)						
M	9	1	3E-8017	4	LOCKNUT						
	10	1	6V-5839	4	WASHER (11X21X2.5MM THK)						
	11	1	7C-7431	1	GASKET-TURBOCHARGER						
M	12	1	8T-7044	8	STUD-TAPERLOCK						

M-METRIC PART



GRAPHIC #1

<END>

g00923244

AIR INLET AND EXHAUST SYSTEM

201-5381 MOUNTING GP-MUFFLER

S/N: BMA1100-UP

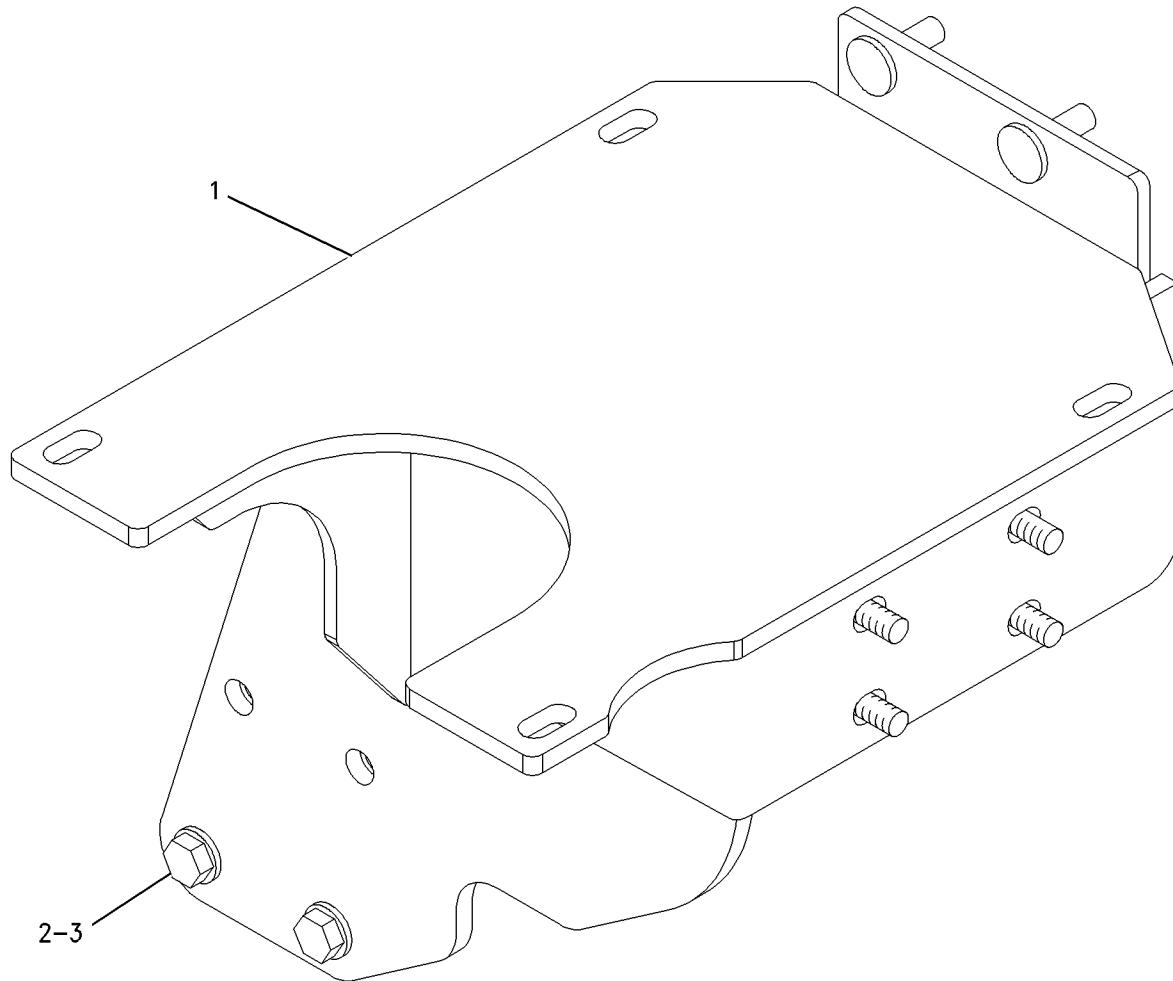
PART OF 191-4479, 191-4481 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1062

i01804591

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	214-6740	1	BRACKET AS						
	2	1	8T-4121	6	WASHER-HARD (11X21X2.5MM THK)						
M	3	1	8T-4136	6	BOLT (M10X1.5X25MM)						

M-METRIC PART



GRAPHIC #1

<END>

g00769558

AIR INLET AND EXHAUST SYSTEM

195-1048 MUFFLER GP

S/N: CCK1-UP

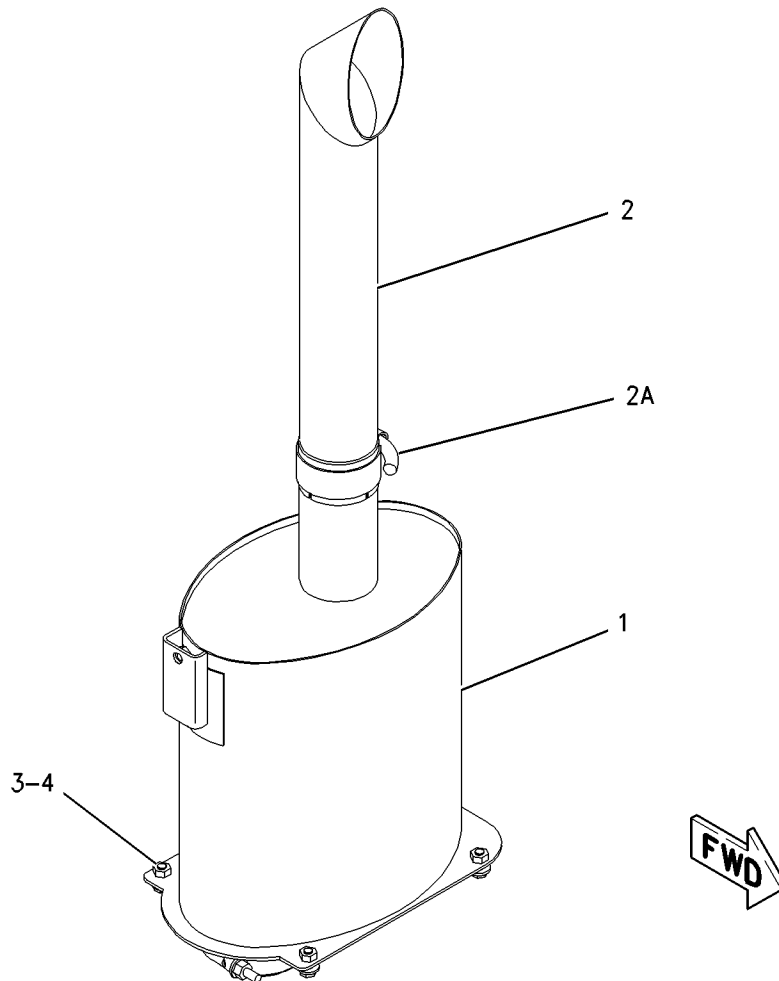
PART OF 189-4622 INSTALLATION AR-ENGINE

SMCS-1062

i01882420

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	199-3003	1	MUFFLER AS						
	2	1	199-5977	1	PIPE AS-EXHAUST						
	2A	1	9Y-8315	1	CLAMP-BENT BOLT						
	3	1	7X-7729	4	WASHER (11X25X3MM THK)						
M	4	1	8T-4136	4	BOLT (M10X1.5X25MM)						

M-METRIC PART



GRAPHIC #1

<END>

g00941845

AIR INLET AND EXHAUST SYSTEM

203-2062 SHIELD GP-AIR CLEANER-PRECLEANER

S/N: CCK1-UP

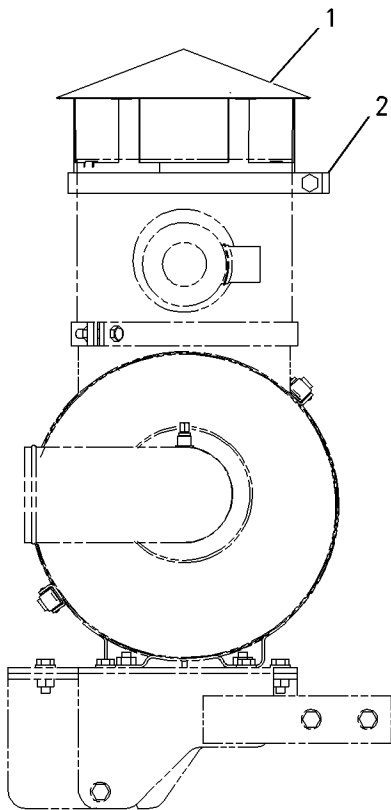
PART OF 169-4912 SUPPRESSION AR-SOUND
AN ATTACHMENT

SMCS-1051

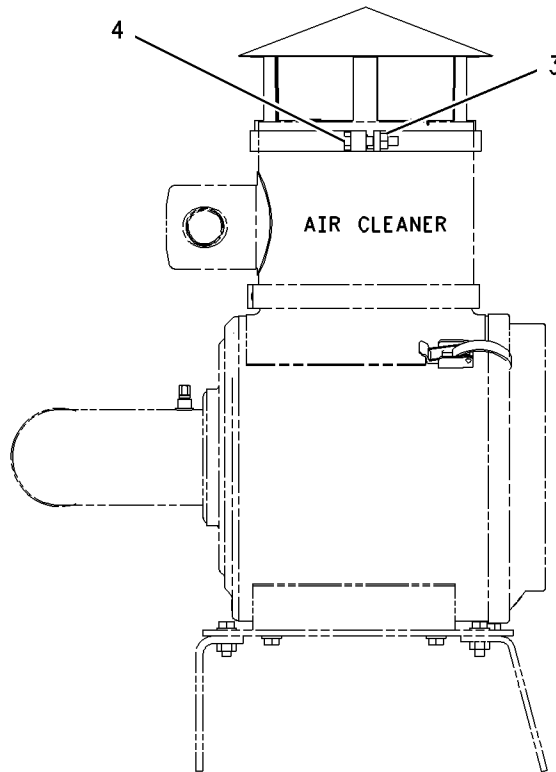
i01877499

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	199-5180	1	SHIELD AS						
	2	1	204-7427	1	CLAMP						
M	3	1	8T-4133	1	NUT (M10X1.5 THD)						
M	4	1	8T-4185	1	BOLT (M10X1.5X50MM)						

M-METRIC PART



LEFT SIDE OF ENGINE



FRONT VIEW

GRAPHIC #1

<END>

g00829142

AIR INLET AND EXHAUST SYSTEM

187-1602 TURBOCHARGER GP

S/N: BMA1100-UP

PART OF 191-4482 ENGINE AR-CORE

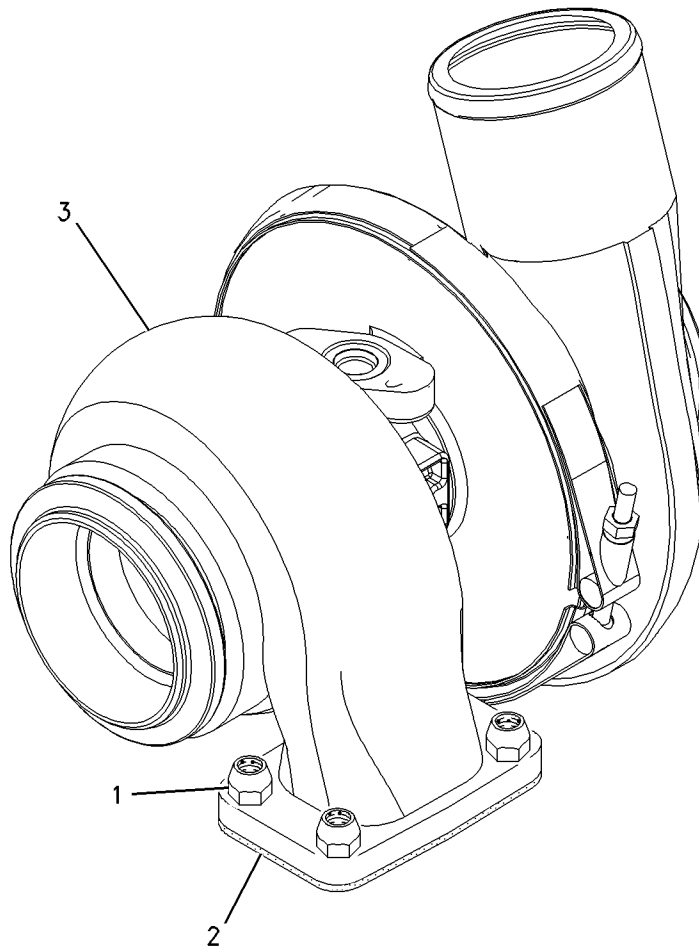
ALSO AN ATTACHMENT

SMCS-1052, 1060, 1065, 1077

i01807197

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	3E-8017	4	LOCKNUT (M10X1.5)						
	2	1	7C-7431	1	GASKET - TURBOCHARGER						
Y	3	1	187-1603	1	TURBOCHARGER GP						102

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00771138

AIR INLET AND EXHAUST SYSTEM

187-1603 TURBOCHARGER GP

S/N: BMA1100-UP

PART OF 187-1602 TURBOCHARGER GP

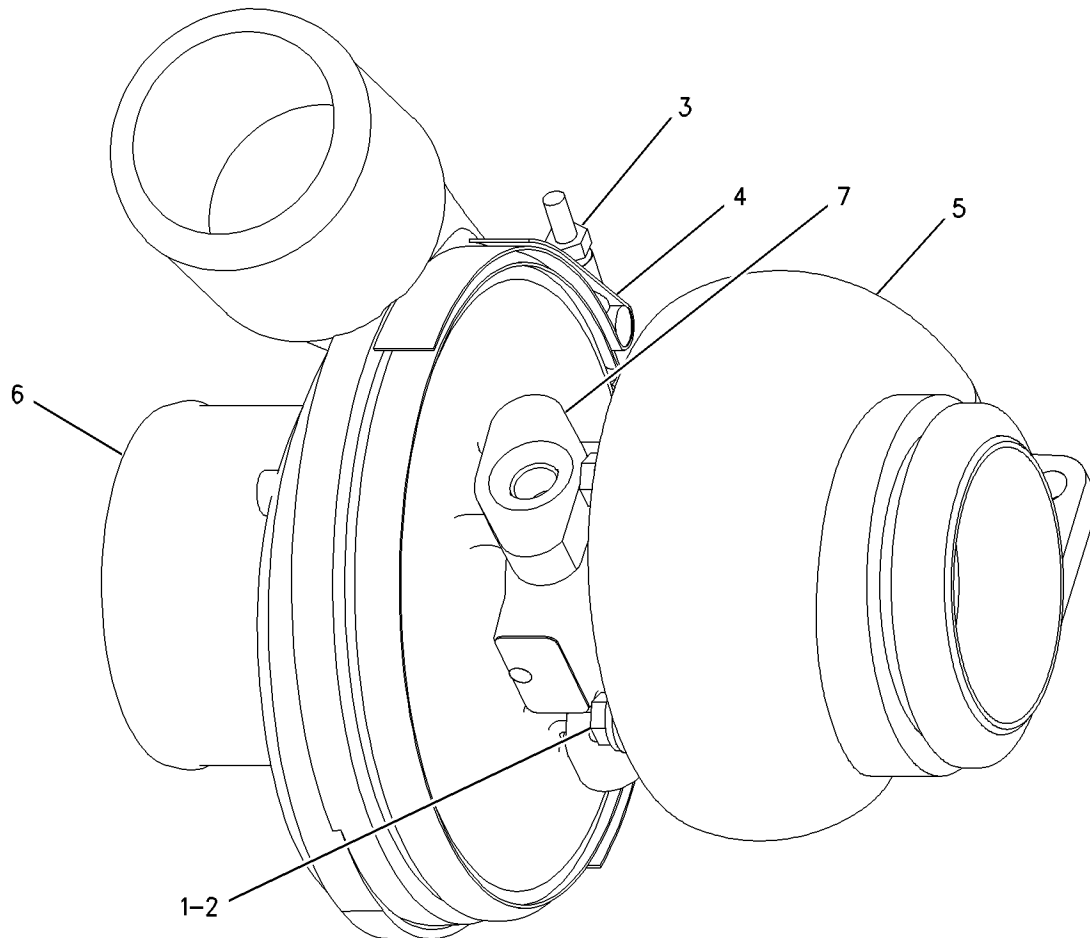
ALSO AN ATTACHMENT

SMCS-1052, 1060, 1065, 1077

i01696296

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	7C-6670	4	BOLT (M8X12.5MM)						
	2	1	7C-6672	2	PLATE-CLAMP						
	3	1	7M-9918	1	LOCKNUT (1/4-28 THD)						
	4	1	158-6072	1	CLAMP AS						
	5	1	196-0265	1	HOUSING-TURBINE						
	6	1	196-0267	1	COVER-COMPRESSOR						
	7	1	196-0268	1	CARTRIDGE GP-TURBOCHARGER						

M-METRIC PART



GRAPHIC #1

<END>

g00759808

FUEL SYSTEM

186-5814 FILTER GP-WATER SEP & FUEL

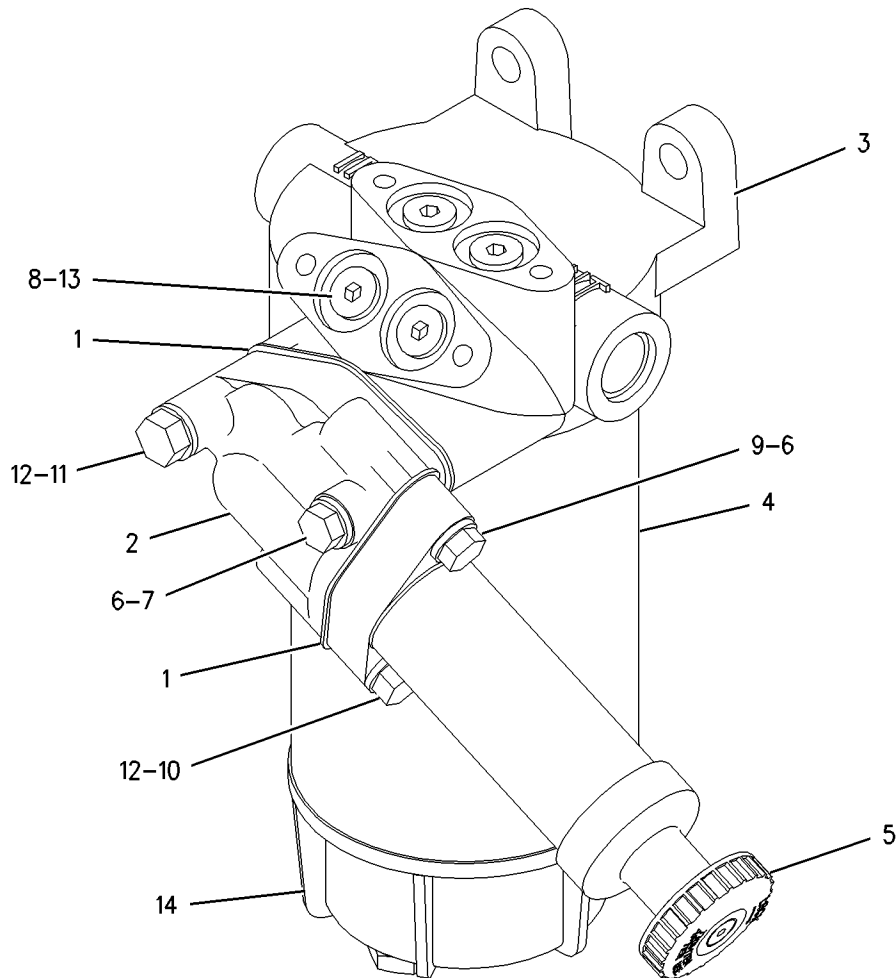
S/N: CCK1-UP

PART OF 191-9529 LINES GP-FUEL

SMCS-1261, 1263

i01884440

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1P-0436	2	GASKET (FUEL PRIMING PUMP)						
	2	1	9L-6378	1	ADAPTER-PRIMING PUMP						
	3	1	128-8557	1	BASE AS-FILTER						
		1	9S-4167	1	STUD-HOLLOW						
		1	7E-5346	1	VALVE AS						
	4	1	146-6695	1	FILTER ELEMENT-FUEL (PRIMARY)						
	5	1	137-5541	1	PUMP GP-FUEL PRIMING						
		1	1H-8171	1	SEAL-O-RING						
		1	6V-1903	1	SEAL-O-RING						
		1	7E-2985	2	VALVE AS						
	6	1	5P-0537	2	WASHER-HARD (7.2X14.5X2MM THK)						
	7	1	5P-2675	1	BOLT (1/4-20X1.75 IN)						
	8	1	6V-5048	4	SEAL-O-RING						
	9	1	7B-2742	1	BOLT (1/4-20X1.25 IN)						
	10	1	8C-6561	1	BOLT (5/16-18X1.375 IN)						
	11	1	8T-8911	1	BOLT (5/16-18X2 IN)						
	12	1	9M-1974	2	WASHER-HARD (8.8X16X2MM THK)						
	13	1	9S-8002	4	PLUG						
	14	1	146-6696	1	BOWL						



GRAPHIC #1

<END>

g00909667

FUEL SYSTEM

191-9529 LINES GP-FUEL

S/N: CCK1-UP

PART OF 189-4619 CHASSIS AR

SMCS-1274

i01828549

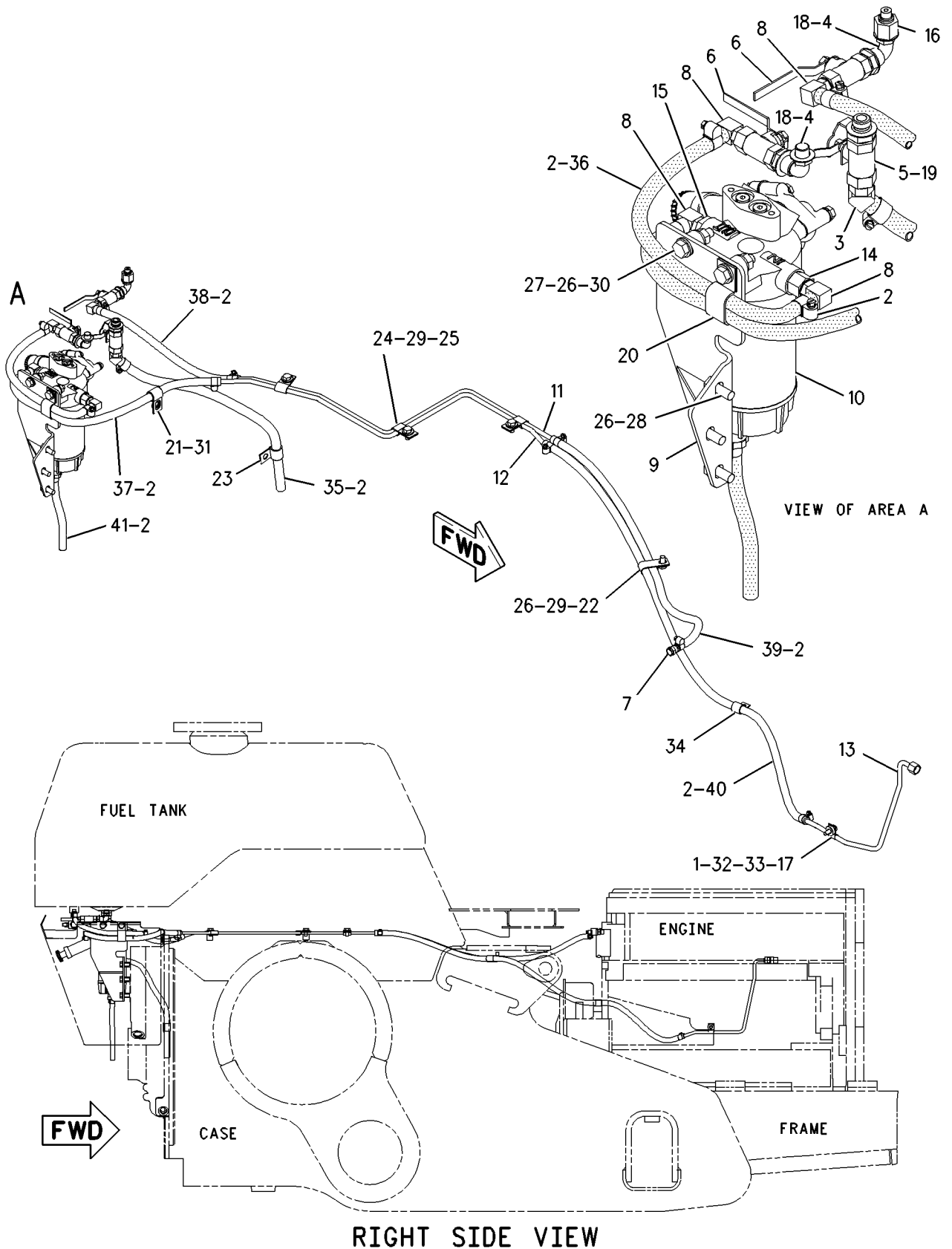
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4H-1225	1	WASHER (11X22X6MM THK)						
	2	1	5P-4961	12	CLAMP-HOSE						
	3	1	6V-1230	1	ELBOW						
	4	1	6V-8076	2	ELBOW						
	5	1	8T-6724	1	VALVE-BALL (FUEL LINE SHUTOFF)						
	6	1	8T-6907	2	VALVE-BALL (FUEL LINE SHUTOFF)						
	7	1	009-3215	1	INSERT						
	8	1	150-3024	4	ELBOW GP						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL-O-RING						
		1	5P-4924	1	ELBOW						
	9	1	184-2202	1	BRACKET AS						
Y	10	1	186-5814	1	FILTER GP-WATER SEP & FUEL						103
	11	1	196-9838	1	TUBE AS						
	12	1	199-9612	1	TUBE AS						
	13	1	201-4596	1	TUBE AS						
	14	1	148-8313	1	ADAPTER GP						
	15	1	150-4046	1	ADAPTER GP						
		1	2M-9780	1	SEAL-O-RING						
		1	5P-1404	1	ADAPTER-O-RING (STRAIGHT THREAD)						
	16	1	150-4047	1	ADAPTER GP						
		1	3J-7354	1	SEAL-O-RING						
		1	8T-2353	1	ADAPTER-STRAIGHT THREAD						
	17	1	1F-7567	1	CLIP						
	18	1	3J-1907	4	SEAL-O-RING						
	19	1	3K-0360	2	SEAL-O-RING						
	20	1	4D-7733	1	CLIP						
	21	1	4K-8302	1	CLIP						
	22	1	5K-8451	2	CLIP						
	23	1	5P-4295	1	CLIP						
	24	1	7S-4244	3	CLIP						
	25	1	7X-7729	3	WASHER (11X25X3MM THK)						
	26	1	8T-4121	11	WASHER-HARD (11X21X2.5MM THK)						
M	27	1	8T-4133	2	NUT (M10X1.5 THD)						
M	28	1	8T-4136	3	BOLT (M10X1.5X25MM)						
M	29	1	8T-4137	4	BOLT (M10X1.5X20MM)						
M	30	1	8T-4186	2	BOLT (M10X1.5X40MM)						
	31	1	8T-4223	1	WASHER-HARD (13.5X25.5X3MM THK)						
	32	1	8T-4224	1	WASHER-HARD (8.8X16X2MM THK)						
M	33	1	8T-4908	1	BOLT (M8X1.25X25MM)						
	34	1	9M-8406	1	CLIP						
E	35	1	5P-1505		HOSE (58CM)						
E	36	1	5P-1442		HOSE (42CM)						
E	37	1	5P-1442		HOSE (64CM)						
E	38	1	5P-1442		HOSE (40CM)						
E	39	1	5P-1442		HOSE (92CM)						
E	40	1	5P-1442		HOSE (119CM)						
E	41	1	5P-1442		HOSE (15CM)						

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

FUEL SYSTEM

191-9529 LINES GP-FUEL (contd.)

i01828549



GRAPHIC #1

<END>

g00955284

FUEL SYSTEM

215-9260 LINES GP-FUEL FILTER

S/N: BMA1100-UP

PART OF 191-4479, 191-4481 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1261, 1274

i01885431

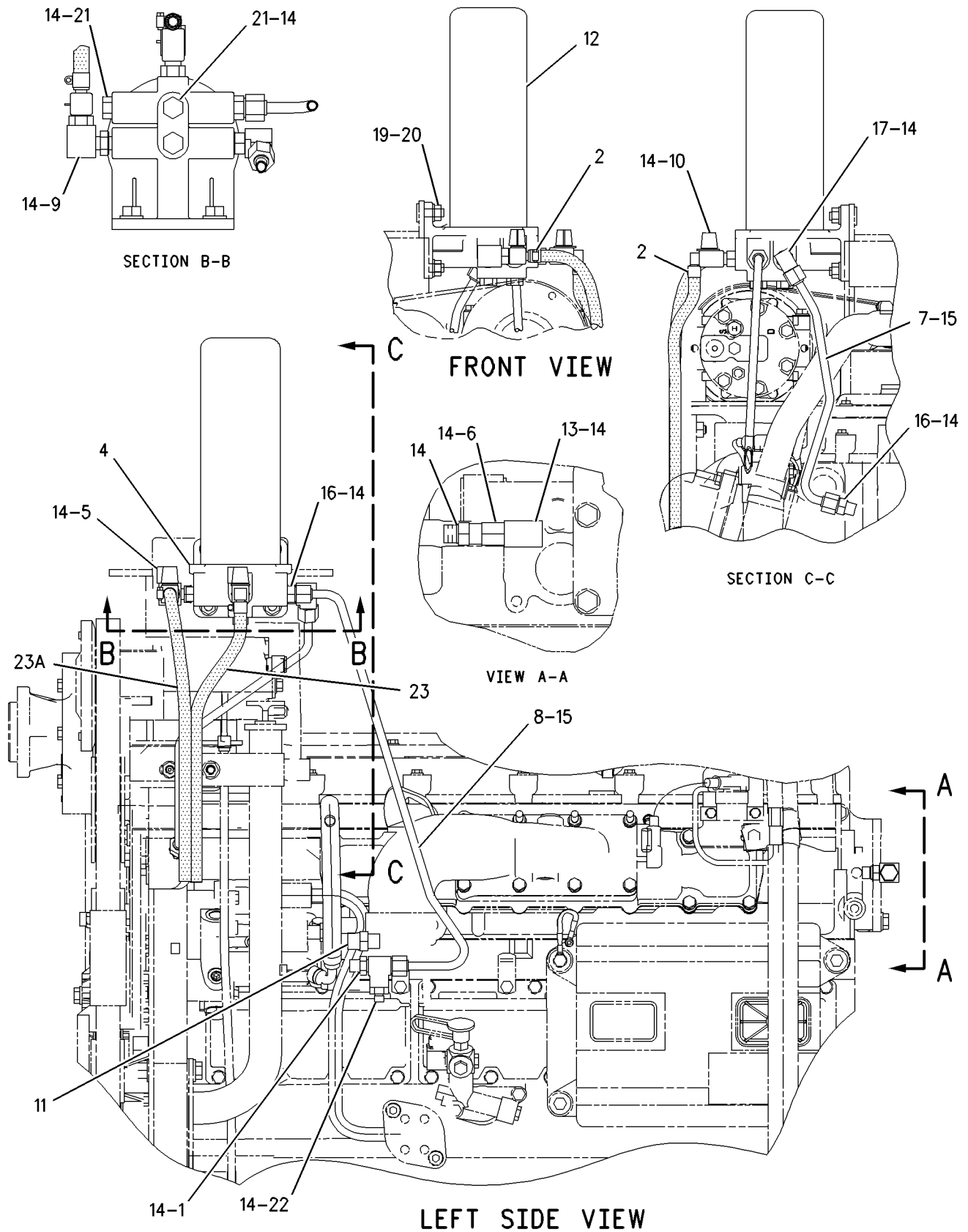
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3E-2310	1	TEE						
	2	1	5P-4961	2	CLAMP-HOSE						
	4	1	174-7599	1	BASE AS-FUEL FILTER						
		1	9S-4167	1	STUD-HOLLOW						
	5	1	179-9348	1	VALVE-DRAIN (FUEL FILTER)						
	6	1	196-6840	1	REGULATOR AS (FUEL PRESSURE)						
	7	1	199-4856	1	TUBE AS						
	8	1	199-4858	1	TUBE AS						
	9	1	085-7356	1	FITTING						
	10	1	141-8275	1	VALVE-DRAIN (FUEL) (FILTER)						
	11	1	148-8318	1	CONNECTOR GP						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8634	1	CONNECTOR						
	12	1	1R-0762	1	FILTER AS-FUEL (SECONDARY)						
	13	1	6V-0484	1	ADAPTER-O-RING						
	14	1	6V-5049	14	SEAL-O-RING						
	15	1	6V-8397	4	SEAL-O-RING						
	16	1	6V-8636	2	CONNECTOR						
	17	1	6V-8724	1	ELBOW						
	19	1	8T-4121	4	WASHER-HARD (11X21X2.5MM THK)						
M	20	1	8T-4133	4	NUT (M10X1.5 THD)						
	21	1	9S-4191	3	PLUG						
	22	1	9X-0261	1	ADAPTER						
E	23	1	5P-1442		HOSE (34CM)						
E	23A	1	5P-1442		HOSE (39CM)						

E-ORDER BY THE CENTIMETER
M-METRIC PART

FUEL SYSTEM

215-9260 LINES GP-FUEL FILTER (contd.)

i01885431



GRAPHIC #1

<END>

g00902129

FUEL SYSTEM

170-3304 PUMP & MTG GP-UNIT INJ HYD

S/N: BMA1100-UP

PART OF 191-4482 ENGINE AR-CORE

ALSO AN ATTACHMENT

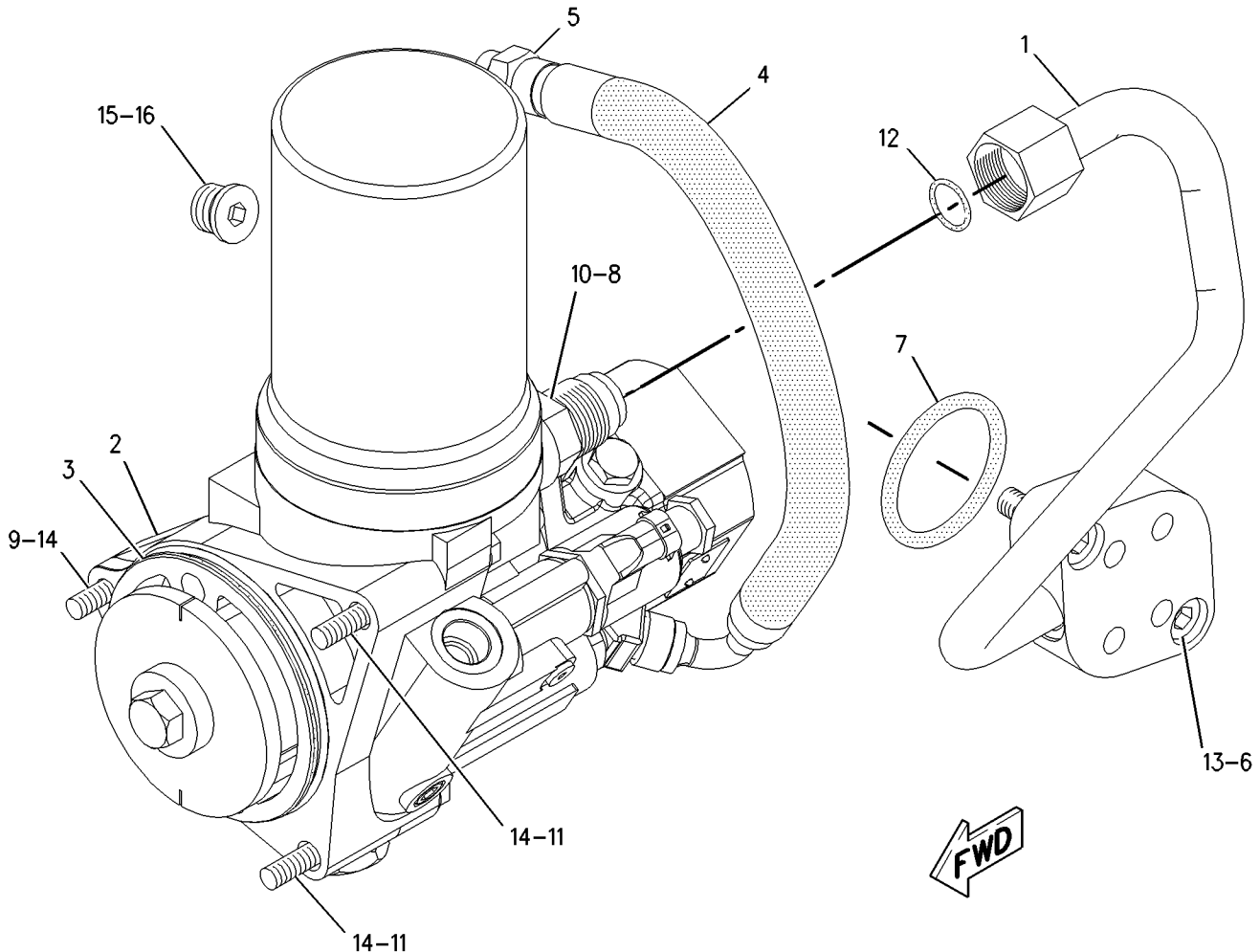
SMCS-1714

i01836476

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	164-5591	1	TUBE AS						
Y	2	1	180-7341	1	PUMP GP-UNIT INJECTOR HYD						111
	3	1	185-3241	1	SEAL-O-RING (92.41MM ID)						
	4	1	175-3236	1	HOSE AS						
Y	5	1	179-7001	1	ADAPTER GP-ENGINE OIL LINE						64
	6	1	3V-2431	2	WASHER (10.2X16.0X2.0MM THK)						
	7	1	4F-9653	1	SEAL-O-RING (46.99MM ID)						
	8	1	6V-4589	1	SEAL-O-RING (19.18MM ID)						
M	9	1	6V-5219	1	BOLT (M8X1.25X40MM)						
	10	1	6V-8642	1	CONNECTOR						
M	11	1	6V-9804	2	BOLT (M8X75MM)						
	12	1	7J-9108	1	SEAL-O-RING						
M	13	1	8T-1159	2	BOLT-SOCKET HEAD (M10X1.5X25MM)						
	14	1	9M-1974	3	WASHER-HARD (8.8X16X2MM THK)						
	15	1	6V-5049	1	SEAL-O-RING						
	16	1	9S-8004	1	PLUG (9/16-18 THD)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00905882

FUEL SYSTEM

178-6342 PUMP GP-UNIT INJECTION-FUEL

S/N: BMA1100-UP

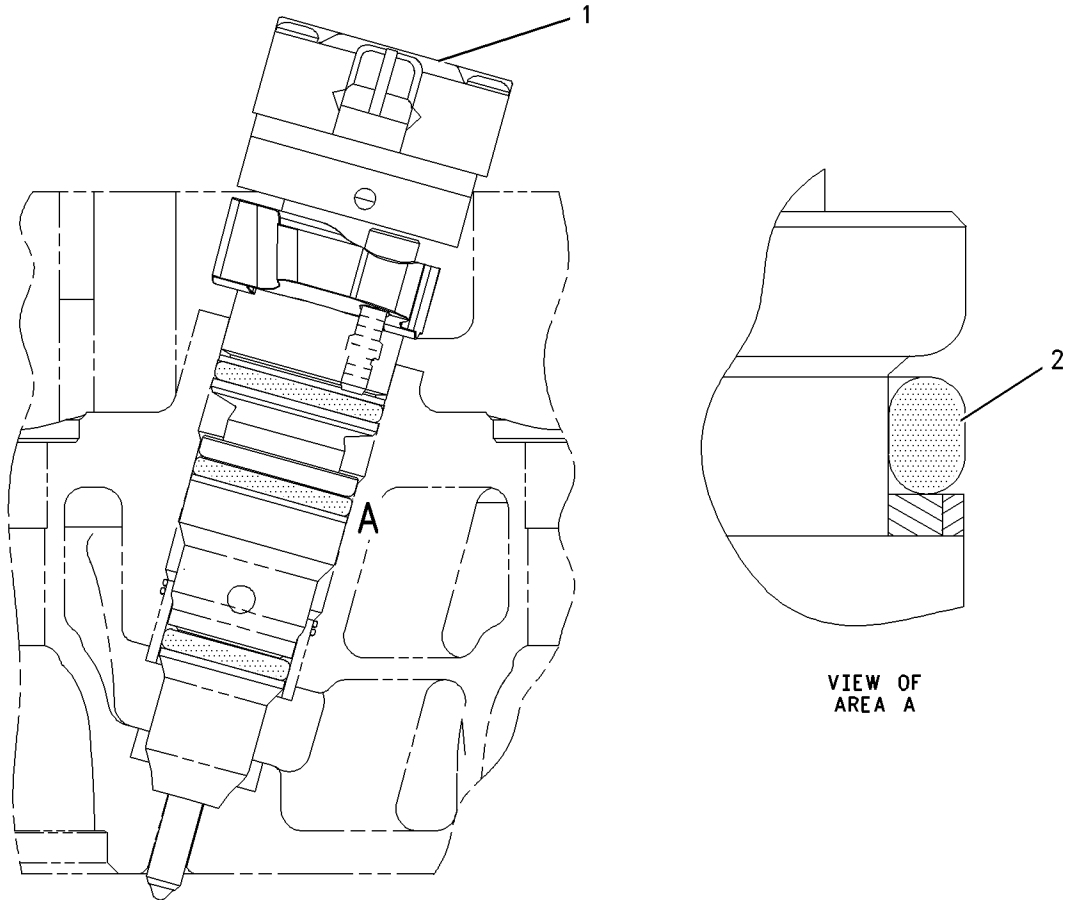
PART OF 178-6343 PUMP GP-UNIT INJECTION
ALSO AN ATTACHMENT

SMCS-1251, 1290, 1714

i01882780

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	177-4752	1	INJECTOR GP-FUEL						
Y	2	1	154-8016	1	SEAL GP-FUEL INJECTOR						58

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00717469

FUEL SYSTEM

178-6343 PUMP GP-UNIT INJECTION-FUEL

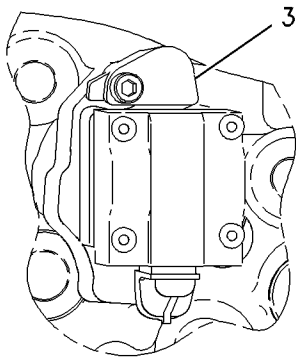
S/N: BMA1100-UP
 PART OF 191-4482 ENGINE AR-CORE
 ALSO AN ATTACHMENT

SMCS-1251, 1290, 1714

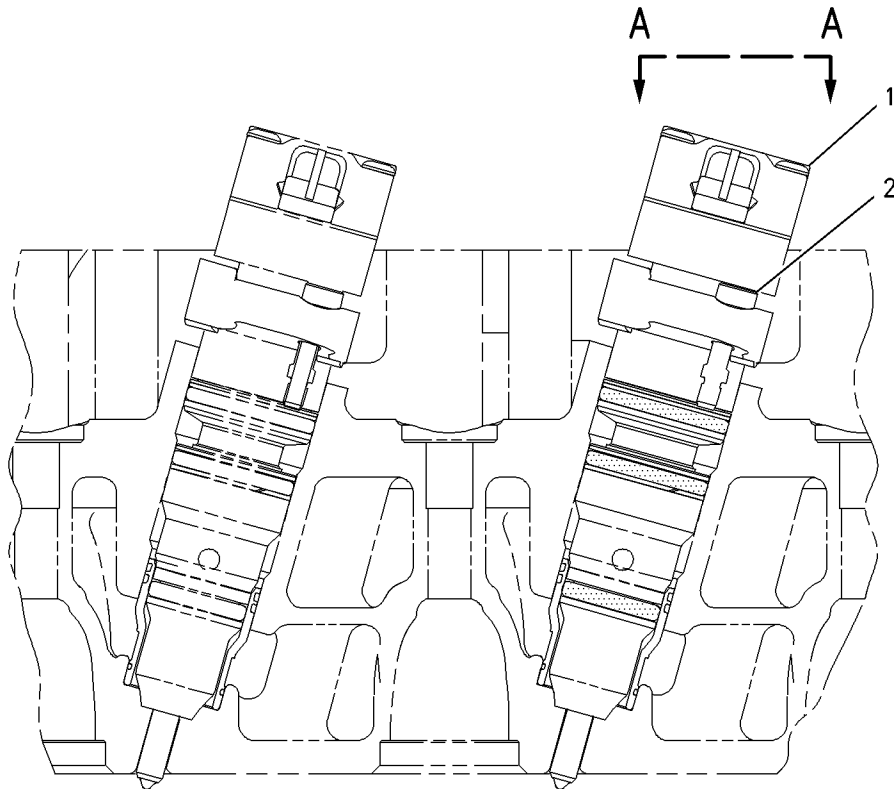
i01696289

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	178-6342	1	PUMP GP-UNIT INJECTION						109
	2	1	199-6103	1	BOLT-SHOULDER						
	3	1	159-0288	1	DEFLECTOR						
M	4	1	8T-2396	1	BOLT (M6X1.0X60MM)						

M-METRIC PART
 Y-SEPARATE ILLUSTRATION



VIEW A-A



GRAPHIC #1

<END>

g00718221

FUEL SYSTEM

180-7341 PUMP GP-UNIT INJECTOR HYD

S/N: BMA1100-UP

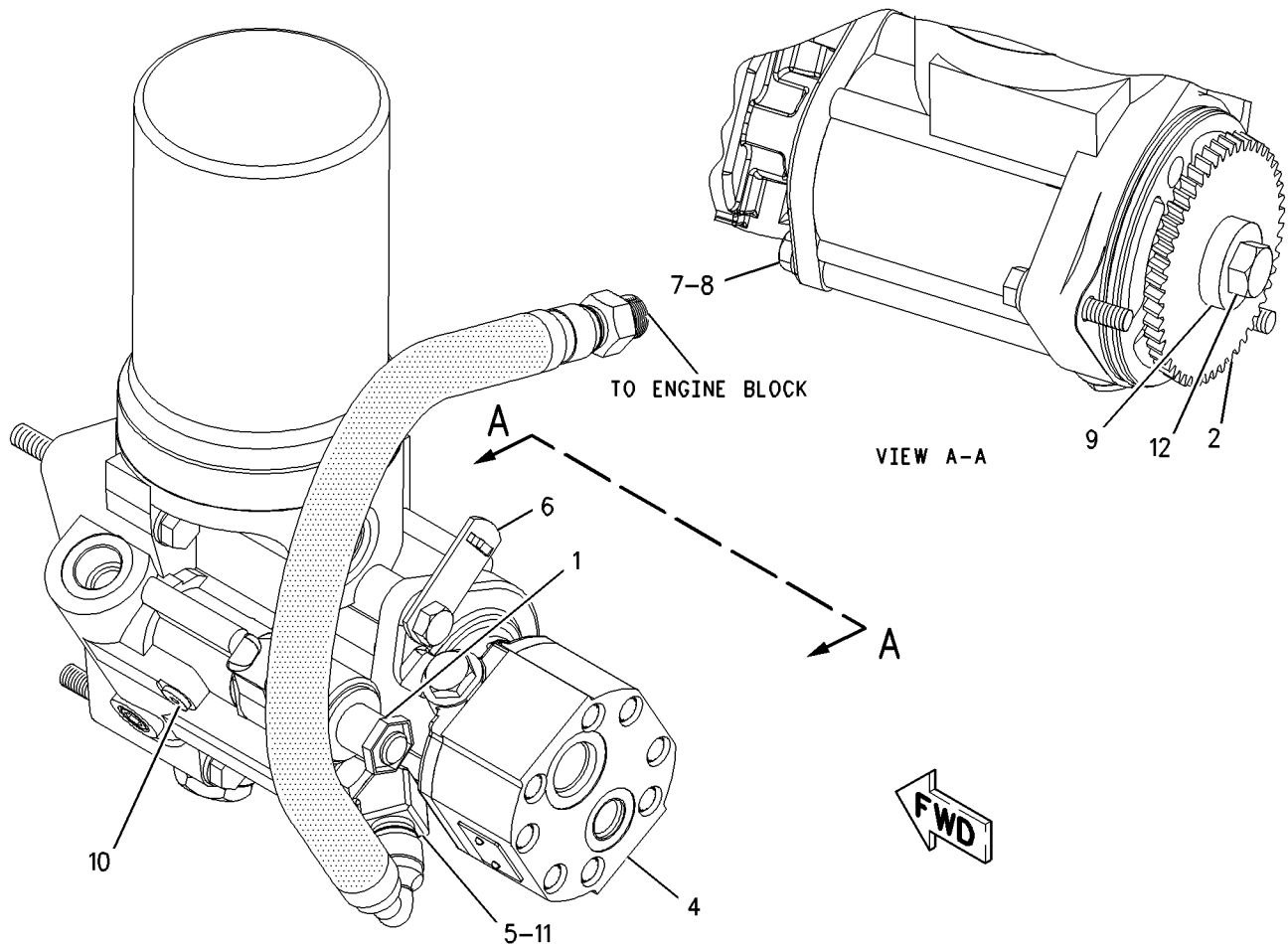
PART OF 170-3304 PUMP & MTG GP-UNIT INJ HYD
ALSO AN ATTACHMENT

SMCS-1714

i01883997

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	122-5053	1	VALVE GP-SOLENOID (INJECTION ACTUATION)						114
	2	1	128-3473	1	GEAR-PUMP DRIVE (36 TEETH)						
	4	1	162-9612	1	PUMP GP-FUEL TRANSFER						
	5	1	179-7004	1	ADAPTER AS						
		1	153-4906	1	SEAL-O-RING						
	6	1	4P-5918	1	CLIP						
	7	1	8T-4224	1	WASHER-HARD (8.8X16X2MM THK)						
M	8	1	8T-7547	2	BOLT (M8X1.25X30MM)						
	9	1	118-0275	1	WASHER						
	10	1	131-1845	1	PLUG-HEX SOCKET						
	11	1	144-7339	1	SEAL-O-RING						
M	12	1	8T-4139	1	BOLT (M12X1.75X30MM)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00875168

FUEL SYSTEM

155-7707 TANK GP - FUEL

S/N: CCK1-UP

PART OF 189-4619 CHASSIS AR

SMCS-1273

i01882600

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7P-9131	1	HANDHOLD						
	2	1	9P-3066	8	MOUNTING						
	3	1	9P-7121	1	STRAINER-FUEL (TANK FILLER)						
	4	1	7X-7700	1	CAP AS-FUEL TANK (VENTED LOCKING)						
		1	9X-2205	1	KIT-CAP FILTER (FUEL TANK)						
		1	9X-8600	1	SEAL-O-RING						
	5	1	155-7713	1	TANK AS-FUEL						
	6	1	155-7714	2	HANDHOLD						
	7	1	175-7564	1	SENDER AS-LEVEL (FUEL)						
		1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2 PIN)						
		1	186-3735	2	PIN-CONNECTOR						
		1	102-8802	1	KIT-RECEPTACLE (2 PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2 PIN)						
M	8	1	5C-9553	5	BOLT (M6X1X16MM)						
	9	1	6P-8269	4	WASHER (20.5X88X6MM THK)						
M	10	1	7X-2555	4	BOLT (M16X2X80MM)						
M	11	1	8T-4139	6	BOLT (M12X1.75X30MM)						
	12	1	8T-4205	5	WASHER-HARD (7.2X14.5X2MM THK)						
	13	1	8T-4223	6	WASHER-HARD (13.5X25.5X3MM THK)						
	14	1	9X-8257	4	WASHER (17.5X30X3.5MM THK)						
B	15	1	1U-8846		SEALANT-GASKET						

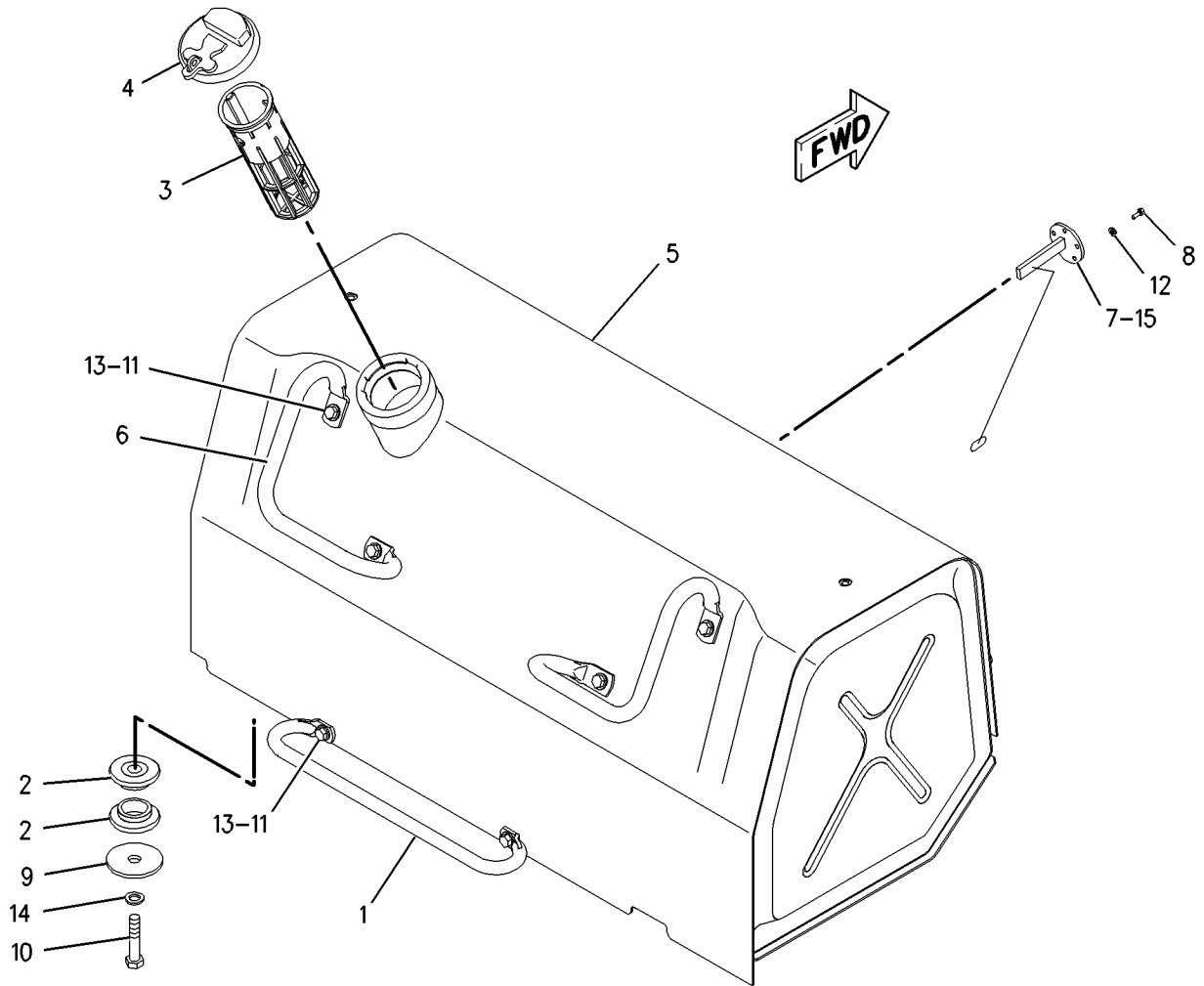
B- USE AS REQUIRED

M- METRIC PART

FUEL SYSTEM

155-7707 TANK GP - FUEL (contd.)

i01882600



GRAPHIC #1

<END>

g00923526

FUEL SYSTEM

122-5053 VALVE GP-SOLENOID-PRESSURE CONTROL-FUEL

S/N: BMA1100-UP

PART OF 180-7341 PUMP GP-UNIT INJECTOR HYD

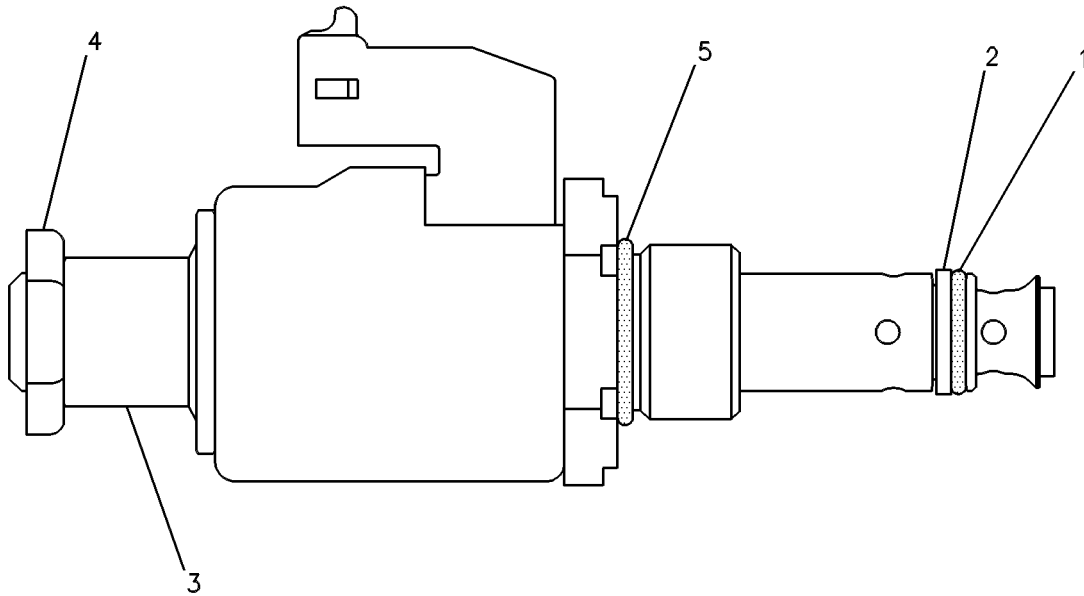
ALSO AN ATTACHMENT

SMCS-1259

i01882605

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
JZ	1	1		1	SEAL-O-RING						
JZ	2	1		1	RING-BACKUP						
JZ	3	1		1	SPACER						
JZ	4	1		1	NUT-RETAINER (1/2-20 THD)						
JZ	5	1		1	SEAL-O-RING						
AVAILABLE REPAIR KIT(S) :											
J			9X-1484	1	KIT-SEAL (SOLENOID VALVE)						

J-KIT MARKED J INCLUDES PARTS MARKED J
Z-NOT SERVICED SEPARATELY



GRAPHIC #1

<END>

g00085024

ELECTRICAL AND STARTING SYSTEM

3E-6328 ALARM GP-ACTION

S/N: CCK1-UP

24 VOLT

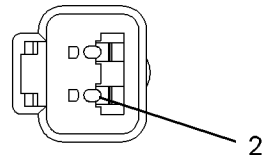
PART OF 192-9082 WIRING GP-PLATFORM

ALSO AN ATTACHMENT

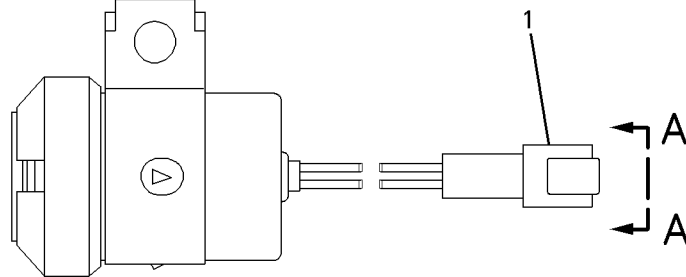
SMCS-7402

i01487980

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



VIEW A-A



GRAPHIC #1

<END>

g00697818

ELECTRICAL AND STARTING SYSTEM

107-7977 ALTERNATOR GP-CHARGING*R

S/N: CCK1-UP

24 VOLT, 70 AMPERE

FIELD REPLACEMENT FOR 132-2156-PAGE 118

SMCS-1405, 1410, 1425

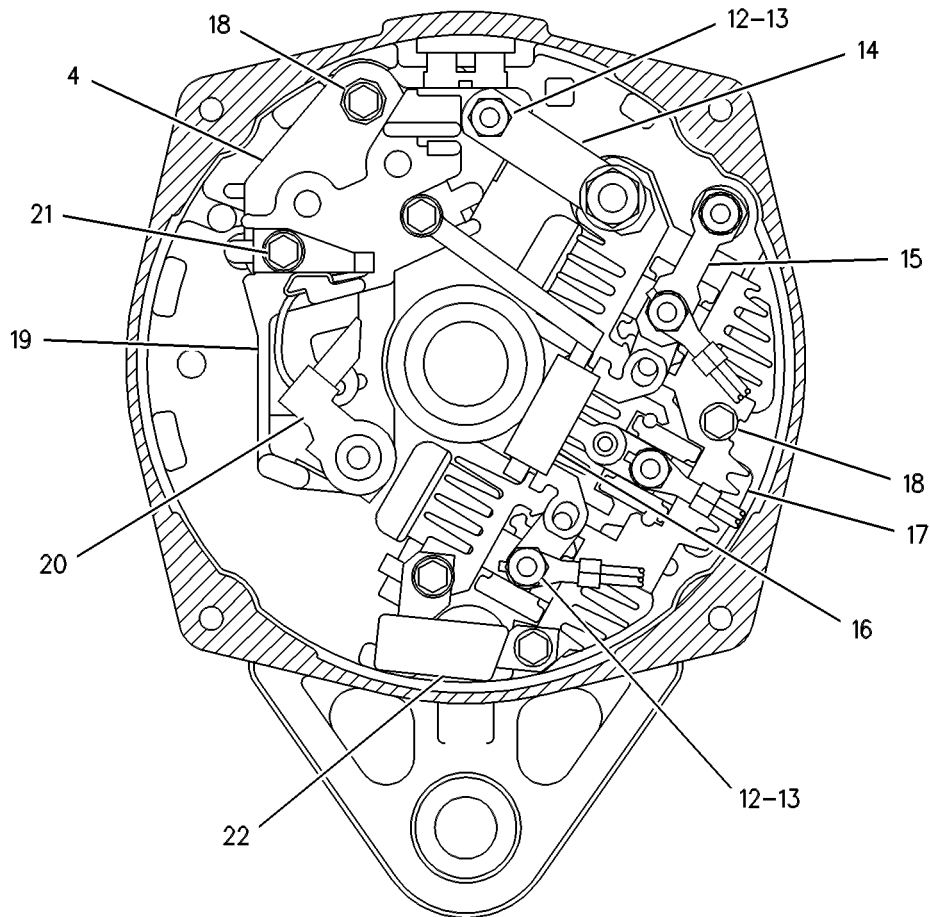
i01884408

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1H-3244	2	LOCKWASHER						
	2	1	6V-8187	1	NUT (1/4-28 THD)						
	3	1	8T-4205	2	WASHER-HARD (7.2X14.5X2MM THK)						
	4	1	3T-6354	1	REGULATOR AS (24 VOLT)						
	5	1	9L-6770	1	CAP						
	6	1	2K-4821	1	LOCKNUT (5/8-18 THD)						
	7	1	7F-7621	1	WASHER (0.635X1.25X0.09 IN THK)						
	8	1	4B-2047	1	NUT (10-24 THD)						
	9	1	8T-0328	1	WASHER-HARD (5.5X10X1MM THK)						
	10	1	8F-1434	1	LOCKWASHER						
	11	1	3E-5450	1	COVER						
	12	1	4B-2043	4	NUT (8-32 THD)						
	13	1	9B-7233	4	LOCKWASHER						
	14	1	3E-5448	1	CONNECTOR						
	15	1	3E-5446	1	CONNECTOR						
	16	1	3E-5457	1	DIODE AS						
	17	1	132-1225	1	RECTIFIER AS-ALTERNATOR						
	18	1	7N-9023	3	SCREW AS (8-32 X 26.9MM)						
	19	1	3E-5460	1	HOLDER AS-BRUSH (ALTERNATOR)						
	20	1	3E-5459	2	BRUSH AS-ALTERNATOR						
	21	1	3N-3718	2	SCREW AS						
	22	1	3E-5458	1	CAPACITOR AS-ALTERNATOR						
	23	1	4M-5281	1	BOLT (1/4-20X.750 IN)						
	24	1	3E-5454	1	FAN-ALTERNATOR						
	25	1	3E-5455	1	HOUSING						
	26	1	5P-7807	1	BALL BEARING						
	27	1	3E-5447	1	PLATE						
	28	1	030-9612	3	SCREW-FORMING (10-24X.5 IN)						
	29	1	132-1222	1	ROTOR AS-ALTERNATOR (24 VOLT)						
	30	1	132-1223	1	STATOR AS-ALTERNATOR (24 VOLT)						
	31	1	132-1224	1	FRAME AS-ALTERNATOR						
	32	1	5P-6920	1	BEARING-ROLLER						
	33	1	132-1228	1	KIT-ALTERNATOR TERMINAL (BATTERY) (INCLUDES NUTS, TERMINAL, LOCKWASHER, INSULATOR & ADAPTER)						
	34	1	132-1229	1	KIT-ALTERNATOR TERMINAL (INDICATOR LIGHT) (RELAY) (INCLUDES NUTS, LOCKWASHER, INSULATOR, BUSHING, WASHERS, CONNECTOR, TERMINAL & RECTIFIER)						
	35	1	132-1230	1	KIT-ALTERNATOR TERMINAL (RELAY) (INDICATOR LIGHT) (INCLUDES INSULATOR, WASHER, NUT & TERMINAL)						

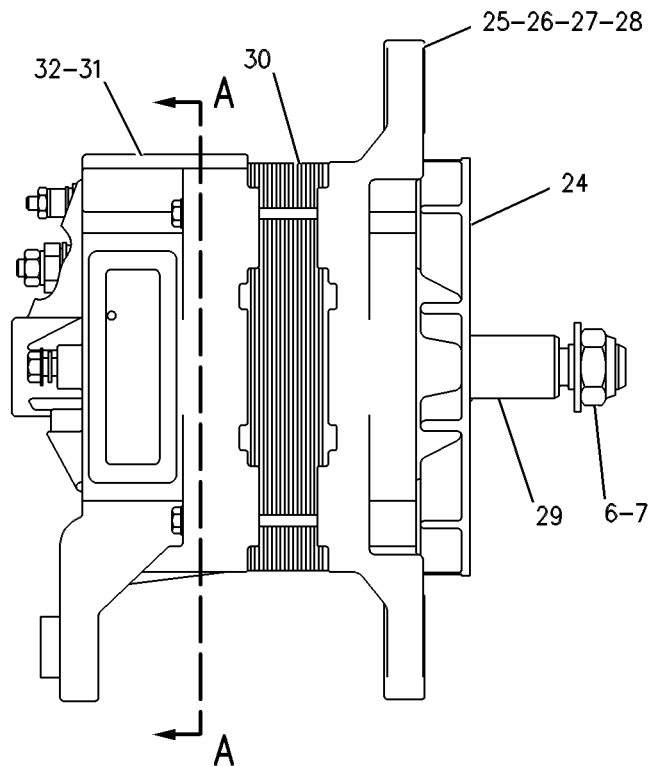
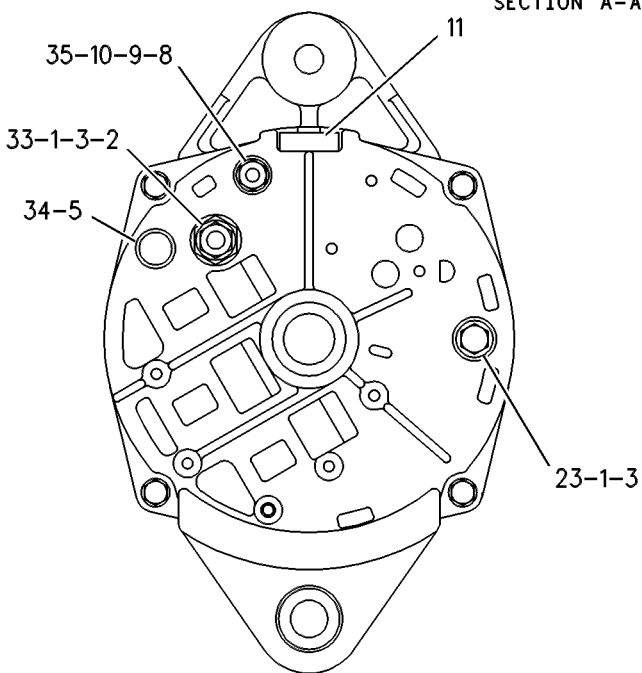
ELECTRICAL AND STARTING SYSTEM

107-7977 ALTERNATOR GP - CHARGING (contd.)

i01884408



SECTION A-A



GRAPHIC #1

<END>

g00122232

ELECTRICAL AND STARTING SYSTEM

132-2156 ALTERNATOR GP-CHARGING*R

S/N: CCK1-UP

24 VOLT, 70 AMPERE

PART OF 189-2224 ALTERNATOR GP-CHARGING
FIELD REPLACEMENT ORDER 107-7977-PAGE 116

SMCS-1405, 1410, 1425

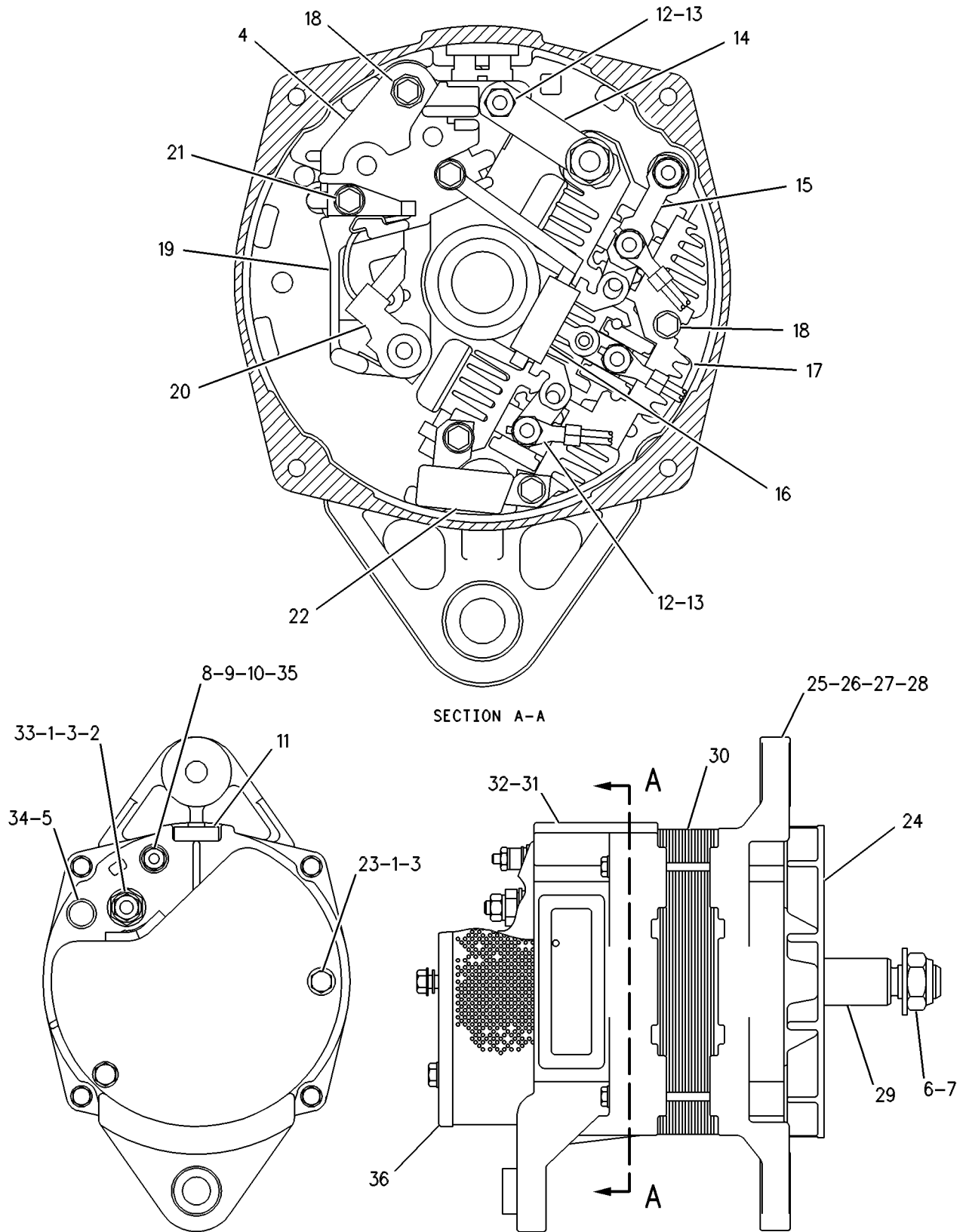
i01882613

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
1	1	1	1H-3244	2	LOCKWASHER						
2	1	1	6V-8187	1	NUT (1/4-28 THD)						
3	1	1	8T-4205	2	WASHER-HARD (7.2X14.5X2MM THK)						
4	1	1	3T-6354	1	REGULATOR AS (24 VOLT)						
5	1	1	9L-6770	1	CAP						
6	1	1	2K-4821	1	LOCKNUT (5/8-18 THD)						
7	1	1	7F-7621	1	WASHER (0.635X1.25X0.09 IN THK)						
8	1	1	4B-2047	1	NUT (10-24 THD)						
9	1	1	8T-0328	1	WASHER-HARD (5.5X10X1MM THK)						
10	1	1	8F-1434	1	LOCKWASHER						
11	1	1	3E-5450	1	COVER						
12	1	1	4B-2043	4	NUT (8-32 THD)						
13	1	1	9B-7233	4	LOCKWASHER						
14	1	1	3E-5448	1	CONNECTOR						
15	1	1	3E-5446	1	CONNECTOR						
16	1	1	3E-5457	1	DIODE AS (ALTERNATOR)						
17	1	1	132-1225	1	RECTIFIER AS-ALTERNATOR						
18	1	1	7N-9023	3	SCREW AS (8-32 X 26.9MM)						
19	1	1	3E-5460	1	HOLDER AS-BRUSH (ALTERNATOR)						
20	1	1	3E-5459	2	BRUSH AS-ALTERNATOR						
21	1	1	3N-3718	2	SCREW AS						
22	1	1	3E-5458	1	CAPACITOR AS-ALTERNATOR						
23	1	1	8T-9367	1	BOLT (1/4-20X2 IN)						
24	1	1	3E-5454	1	FAN-ALTERNATOR						
25	1	1	3E-5455	1	HOUSING						
26	1	1	5P-7807	1	BALL BEARING						
27	1	1	3E-5447	1	PLATE						
28	1	1	030-9612	3	SCREW-FORMING (10-24X.5 IN)						
29	1	1	132-1222	1	ROTOR AS-ALTERNATOR (24 VOLT)						
30	1	1	132-1223	1	STATOR AS-ALTERNATOR (24 VOLT)						
31	1	1	132-1224	1	FRAME AS-ALTERNATOR						
32	1	1	5P-6920	1	BEARING-ROLLER						
33	1	1	126-2368	1	KIT-ALTERNATOR GUARD (INCLUDES BOLT, SCREW & LOCKWASHER)						
34	1	1	132-1230	1	KIT-ALTERNATOR TERMINAL (RELAY) (INDICATOR LIGHT) (INCLUDES WASHER, NUT, TERMINAL & INSULATOR)						
35	1	1	132-1229	1	KIT-ALTERNATOR TERMINAL (INDICATOR LIGHT) (RELAY) (INCLUDES BUSHINGS, NUTS, CONNECTOR, LOCKWASHER, WASHER, RECTIFIER & TERMINAL)						
36	1	1	132-1228	1	KIT-ALTERNATOR TERMINAL (BATTERY) (INCLUDES TERMINAL, NUTS, ADAPTER, LOCKWASHER & INSULATOR)						

ELECTRICAL AND STARTING SYSTEM

132-2156 ALTERNATOR GP - CHARGING (contd.)

i01882613



GRAPHIC #1

<END>

g00265036

ELECTRICAL AND STARTING SYSTEM

189-2224 ALTERNATOR GP-CHARGING

S/N: CCK1-UP

24 VOLT, 70 AMPERE

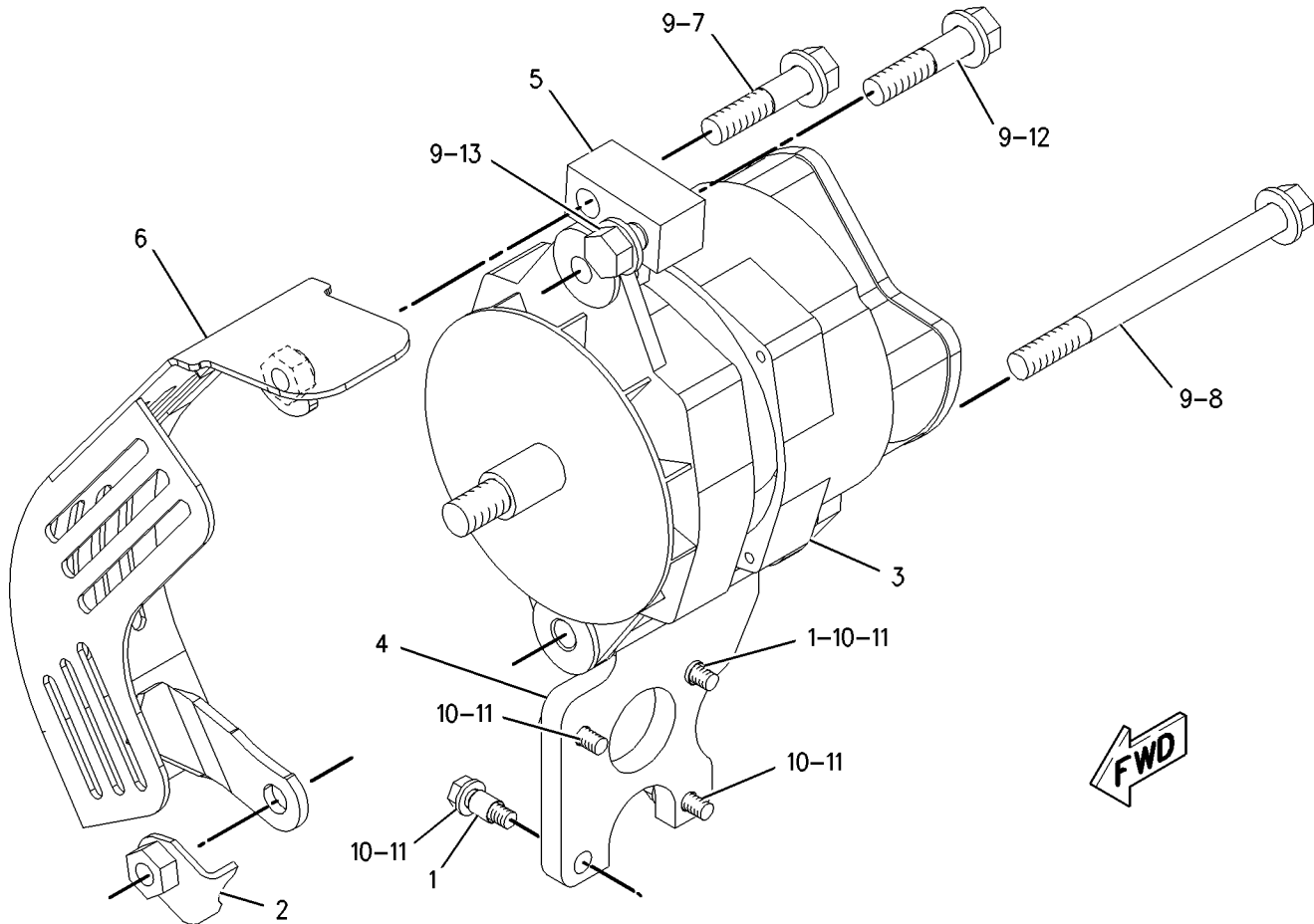
PART OF 189-4622 INSTALLATION AR-ENGINE

SMCS-1405, 1410, 1425

i01881592

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7W-3872	2	SLEEVE						
	2	1	9S-1240	1	NUT AS						
YR	3	1	132-2156	1	ALTERNATOR GP-CHARGING						118
	4	1	190-0801	1	BRACKET AS-ALTERNATOR						
	5	1	205-2344	1	SPACER						
	6	1	216-7613	1	GUARD AS						
		1	1F-0748	1	NUT-WELD (1/2-13 THD)						
	7	1	5P-2424	1	BOLT (1/2-13X2.25 IN)						
	8	1	7X-0338	1	BOLT (1/2-13X6 IN)						
	9	1	8T-4223	4	WASHER-HARD (13.5X25.5X3MM THK)						
	10	1	8T-4224	4	WASHER-HARD (8.8X16X2MM THK)						
M	11	1	8T-4908	4	BOLT (M8X1.25X25MM)						
	12	1	8T-8917	1	BOLT (1/2-13X1.25 IN)						
	13	1	8T-8919	1	BOLT (1/2-13X1.75 IN)						

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



GRAPHIC #1

<END>

g00939990

ELECTRICAL AND STARTING SYSTEM

192-9081 BATTERY & WIRING GP

S/N: CCK1-UP

PART OF 189-4624 ELECTRONICS AR-MACHINE

SMCS-1401, 1402, 1408

i01898144

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5I-8270	1	COVER-BATTERY						
	2	1	5I-8304	1	ROD						
	3	1	6W-6005	1	HOLD-DOWN-BATTERY						
	4	1	7K-1181	54	STRAP-CABLE						
Y	5	1	7N-0718	1	SWITCH GP-DISCONNECT (BATTERY)						176
	6	1	7P-6682	1	CABLE AS (STARTER GND TO FRAME GND)						
		1	1S-7251	2	TERMINAL-RING						
E		1	5P-0747		CABLE (00GA) (BLACK) (40CM)						
	7	1	7W-3447	1	SPACER (10.2X19.05X10.2MM THK)						
	8	1	8E-3431	1	STRIP						
	9	1	117-7773	1	SWITCH AS-PRESSURE (POWER TRAIN OIL FILTER BYPASS)						
		1	102-8802	1	KIT-RECEPTACLE (2 PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
		1	186-3735	2	PIN-CONNECTOR						
BE		1	9X-1813		SLEEVE						
Y	10	1	118-7226	1	SENSOR GP-TEMPERATURE (TRANSMISSION)						166
	11	1	160-2179	1	CABLE AS						
		1	1S-7252	1	TERMINAL-RING						
E		1	5P-0747		CABLE (00GA) (BLACK) (69CM)						
		1	8S-3020	1	TERMINAL-CABLE						
	12	1	160-2182	1	CABLE AS (BATTERY (POS) TO BATTERY (NEG))						
E		1	5P-0761		CABLE (00GA) (RED) (33CM)						
		1	9G-0002	1	COVER-TERMINAL						
		1	9G-0005	1	COVER-TERMINAL (BLACK)						
		1	8C-5917	1	TERMINAL AS-BATTERY (POSITIVE)						
		1	8T-9757	1	TERMINAL AS-BATTERY (NEGATIVE)						
	13	1	160-2183	1	HARNESS AS (ENGINE)						
		1	102-8802	1	KIT-RECEPTACLE (2 PIN)						
		1	102-8803	1	KIT-RECEPTACLE (3 PIN)						
		1	102-8805	1	KIT-RECEPTACLE (6 PIN)						
		1	102-8801	1	KIT-RECEPTACLE (12 PIN) (EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS AND WEDGE)						
		1	155-2260	1	KIT-CONNECTING PLUG (3 PIN)						
		1	155-2270	3	KIT-CONNECTING PLUG (2 PIN)						
		1	155-2274	11	KIT-CONNECTING PLUG (6 PIN) (EACH PLUG KIT INCLUDES PLUG AS, WEDGE AND INTERFACE SEAL)						
	14	1	160-2184	1	HARNESS AS (HYDRAULIC TANK)						
		1	155-2270	2	KIT-CONNECTING PLUG (2 PIN)						
		1	155-2271	1	KIT-CONNECTING PLUG (4 PIN) (EACH PLUG KIT INCLUDES PLUG AS, WEDGE AND INTERFACE SEAL)						
	15	1	160-2185	1	HARNESS AS (PLATFORM)						
		1	155-2265	1	KIT-CONNECTING PLUG (8 PIN)						
		1	155-2260	1	KIT-CONNECTING PLUG (3 PIN)						
		1	155-2270	1	KIT-CONNECTING PLUG (2 PIN) (EACH PLUG KIT INCLUDES PLUG AS, WEDGE AND INTERFACE SEAL)						
Y	16	1	164-7577	1	SWITCH GP-BYPASS (FILTER) (POWER TRAIN FILTER)						175
	17	1	174-7876	1	HORN AS (24 VOLT) (LOW TONE)						
	18	1	193-5710	1	CABLE AS						
E		1	5P-0747		CABLE (00GA) (BLACK) (105CM)						
		1	7N-5274	1	COVER-TERMINAL (BLACK)						
		1	8S-3020	1	TERMINAL-CABLE						
		1	3S-6050	1	TERMINAL AS-BATTERY (NEGATIVE)						

ELECTRICAL AND STARTING SYSTEM

192-9081 BATTERY & WIRING GP (contd.)

i01898144

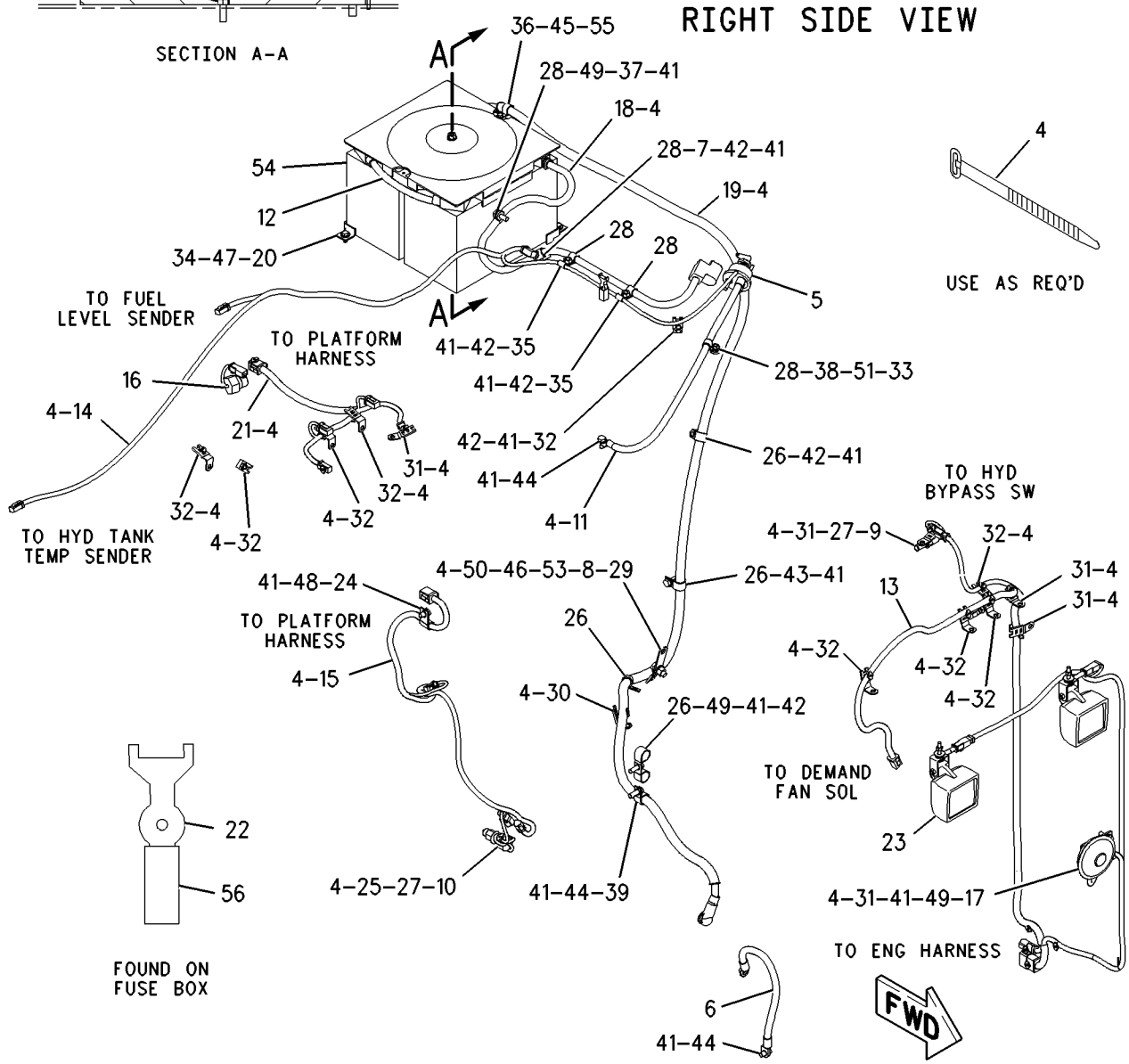
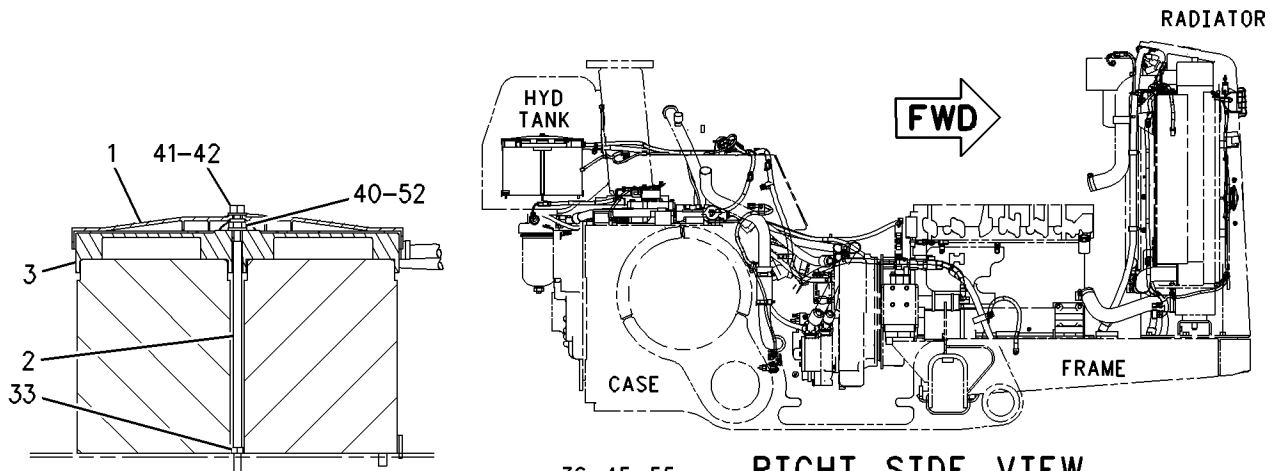
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	1M-6119	1	BOLT (5/16-18X1.375 IN)						
		1	1M-6120	1	NUT (5/16-18 THD)						
		1	9X-5699	1	BOOT						
	19	1	193-5712	1	CABLE AS						
		1	1S-4915	2	LINER (CONDUIT)						
		1	1S-7251	1	TERMINAL-RING						
BE		1	5P-0695		CONDUIT						
E		1	5P-0761		CABLE (00GA) (RED) (333CM)						
		1	8N-0869	1	COVER-TERMINAL (RED)						
		1	8N-1725	1	COVER-TERMINAL (RED)						
BE		1	8T-2225		TUBE-HEAT SHRINK						
		1	3S-6049	1	TERMINAL AS-BATTERY (POSITIVE)						
		1	1M-6119	1	BOLT (5/16-18X1.375 IN)						
		1	1M-6120	1	NUT (5/16-18 THD)						
	20	1	195-1117	2	BRACKET						
	21	1	201-8772	1	HARNESS AS (PARK BRAKE)						
		1	8T-8737	4	PLUG-SEAL						
		1	155-2265	1	KIT-CONNECTING PLUG (8 PIN)						
		1	155-2270	2	KIT-CONNECTING PLUG (2 PIN)						
		1	155-2271	2	KIT-CONNECTING PLUG (4 PIN)						
					(KITS INCLUDES PLUG AS & WEDGE)						
	22	1	202-4327	1	PULLER-FUSE						
Y	23	1	225-5075	2	LAMP GP-FLOOD						146
	24	1	124-0174	1	CLIP						
	25	1	148-8313	1	ADAPTER GP						
	26	1	1S-0994	5	CLIP						
	27	1	3J-1907	2	SEAL-O-RING						
	28	1	4K-8864	5	CLIP						
	29	1	4P-7428	1	CLIP						
	30	1	4P-7429	1	CLIP						
	31	1	4P-7581	5	CLIP						
	32	1	4P-8134	9	CLIP						
M	33	1	5C-7261	2	NUT (M8X1.25 THD)						
	34	1	5P-4116	2	WASHER-HARD (8.8X20.5X2MM THK)						
	35	1	5P-9085	2	CLIP						
	36	1	6V-4369	1	CLIP						
	37	1	7X-0575	1	WASHER-HARD (10.2X22.5X5MM THK)						
	38	1	7X-0613	1	WASHER-HARD (8.8X25.5X5MM THK)						
	39	1	8S-0948	1	CLIP						
M	40	1	8T-0389	1	LOCKNUT (M10X1.5 THD)						
	41	1	8T-4121	15	WASHER-HARD (11X21X2.5MM THK)						
M	42	1	8T-4133	7	NUT (M10X1.5 THD)						
M	43	1	8T-4136	1	BOLT (M10X1.5X25MM)						
M	44	1	8T-4137	3	BOLT (M10X1.5X20MM)						
M	45	1	8T-4138	1	BOLT (M6X1X20MM)						
M	46	1	8T-4139	1	BOLT (M12X1.75X30MM)						
M	47	1	8T-4189	2	BOLT (M8X1.25X20MM)						
M	48	1	8T-4191	1	BOLT (M10X1.5X16MM)						
M	49	1	8T-4195	3	BOLT (M10X1.5X30MM)						
	50	1	8T-4223	2	WASHER-HARD (13.5X25.5X3MM THK)						
	51	1	8T-4224	1	WASHER-HARD (8.8X16X2MM THK)						
	52	1	8T-4226	1	WASHER-PLATED (10.5X45X3MM THK)						
M	53	1	8T-4244	1	NUT (M12X1.75 THD)						
	54	1	9X-3404	2	BATTERY (12 VOLT)						
	55	1	9X-8256	1	WASHER (6.6X12X2MM THK)						
BE	56	1	103-2543		SEAL (3CM)						

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

ELECTRICAL AND STARTING SYSTEM

192-9081 BATTERY & WIRING GP (contd.)

i01898144



GRAPHIC #1

<END>

g00964338

ELECTRICAL AND STARTING SYSTEM

157-3460 BATTERY GP-HEAVY DUTY

S/N: CCK1-UP
AN ATTACHMENT

SMCS-1401

i01892437

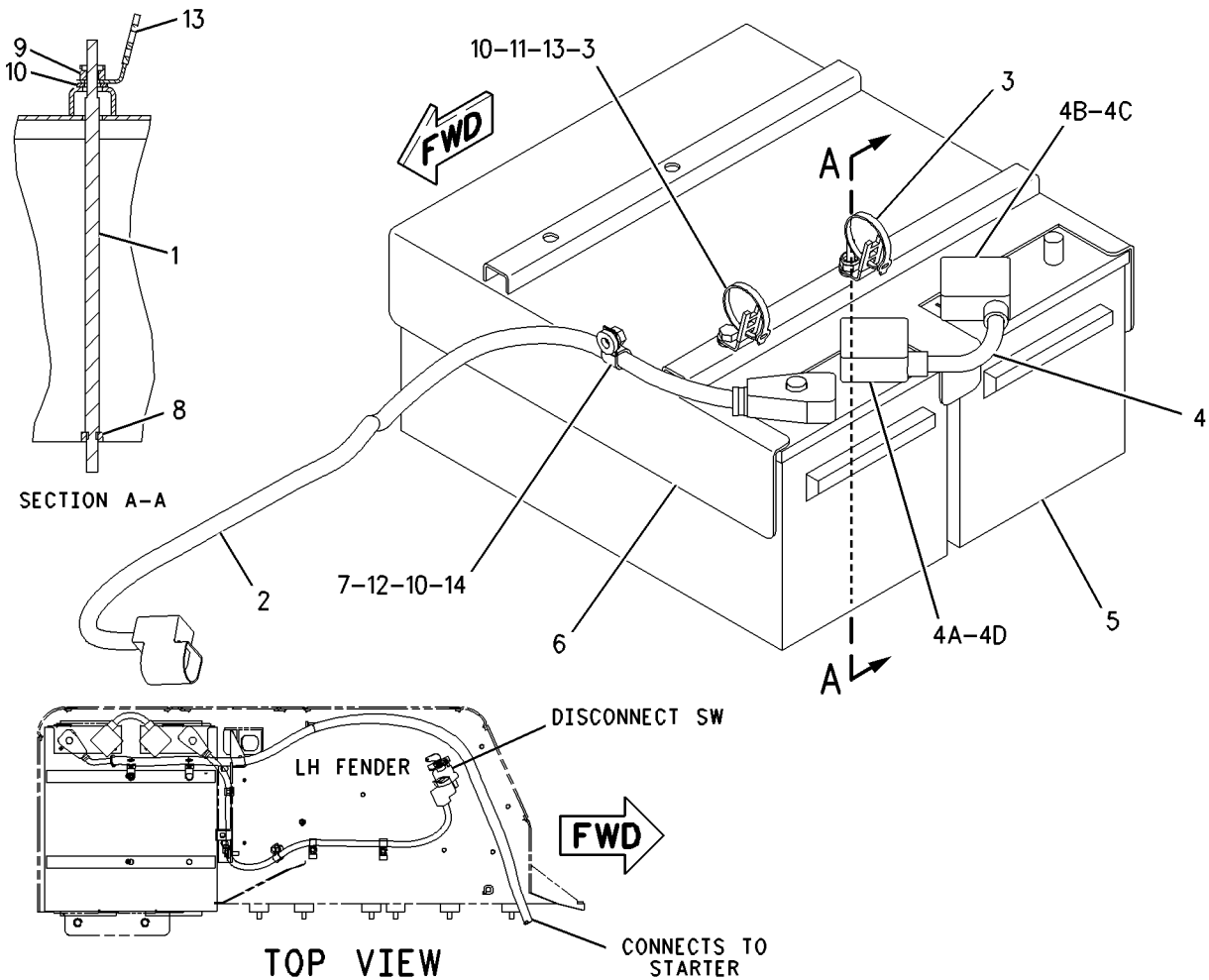
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5I-8304	1	ROD						
	2	1	223-7899	1	CABLE AS						
E		1	5P-0747		CABLE (00GA) (BLACK) (114CM)						
		1	7N-5274	1	COVER-TERMINAL (BLACK)						
		1	8S-3020	1	TERMINAL-CABLE						
		1	3S-6050	1	TERMINAL AS-BATTERY (NEGATIVE)						
		1	1M-6119	1	BOLT (5/16-18X1.375 IN)						
		1	1M-6120	1	NUT (5/16-18 THD)						
		1	9X-5699	1	BOOT						
	3	1	7K-1181	2	STRAP-CABLE						
	4	1	124-0378	1	CABLE AS						
E		1	5P-0761		CABLE (00GA) (RED) (12CM)						
	4A	1	8C-5917	1	TERMINAL AS-BATTERY (POSITIVE)						
	4B	1	8T-9757	1	TERMINAL AS-BATTERY (NEGATIVE)						
					(EACH TERMINAL AS INCLUDES)						
		1	1M-6119	1	BOLT (5/16-18X1.375 IN)						
		1	1M-6120	1	NUT (5/16-18 THD)						
	4C	1	9G-0003	1	COVER-TERMINAL (BLACK)						
	4D	1	9G-0004	1	COVER-TERMINAL (RED)						
	5	1	153-5700	2	BATTERY (MAINTENANCE FREE) (12 VOLT) (HEAVY DUTY)						
	6	1	200-8600	1	HOLD-DOWN AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5 THD)						
M	7	1	8T-4133	1	NUT (M10X1.5 THD)						
M	8	1	5C-7261	1	NUT (M8X1.25 THD)						
M	9	1	8T-0389	1	LOCKNUT (M10X1.5 THD)						
	10	1	8T-4121	3	WASHER-HARD (11X21X2.5MM THK)						
M	11	1	8T-4137	1	BOLT (M10X1.5X20MM)						
	12	1	7X-0575	1	WASHER-HARD (10.2X22.5X5MM THK)						
	13	1	4P-8134	2	CLIP						
	14	1	4K-8864	1	CLIP						

E- ORDER BY THE CENTIMETER
M- METRIC PART

ELECTRICAL AND STARTING SYSTEM

157-3460 BATTERY GP (contd.)

i01892437



GRAPHIC #1

<END>

g00915175

ELECTRICAL AND STARTING SYSTEM

188-7726 CONTROL & MTG GP-ENGINE ELEK

S/N: BMA1100-UP

PART OF 191-4479, 191-4481 ENGINE AR-COMplete

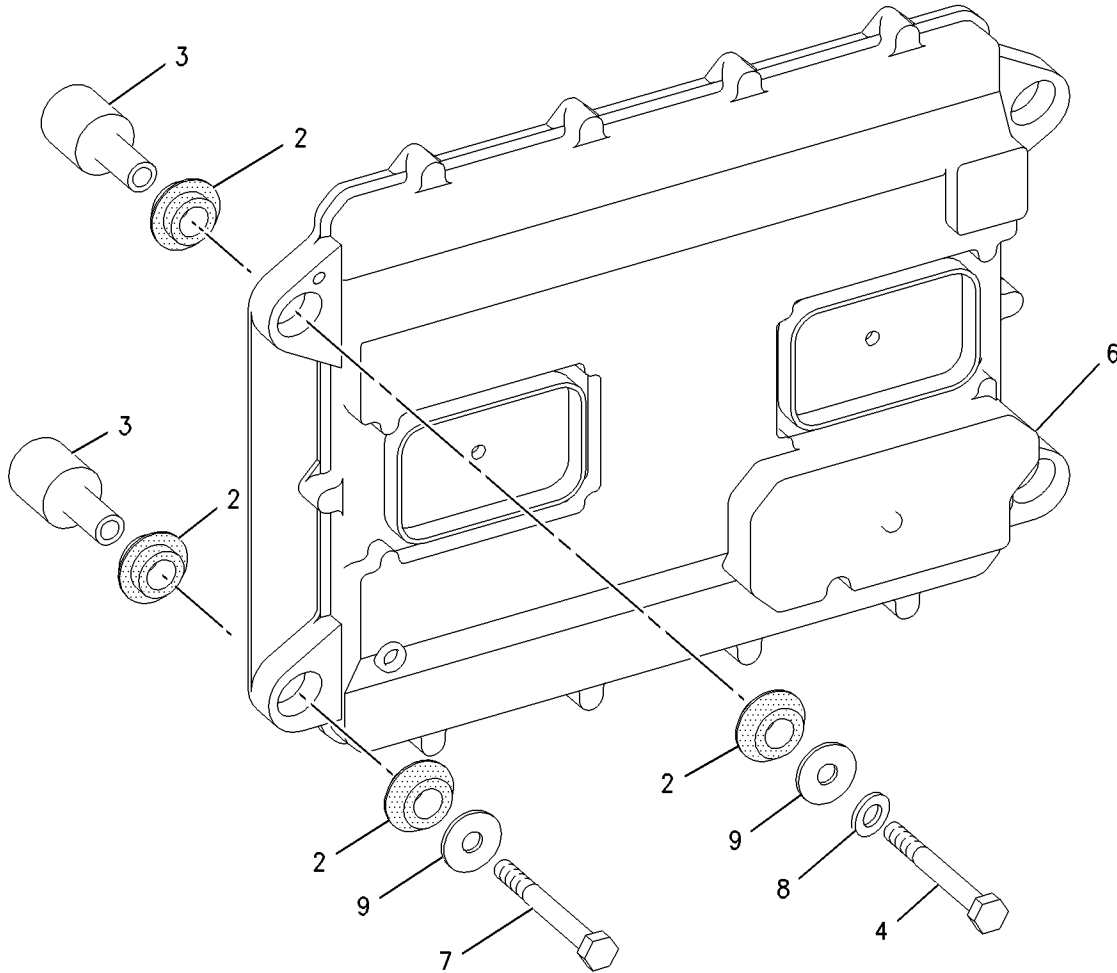
ALSO AN ATTACHMENT

SMCS-1901

i01802410

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	2	1	8T-9655	8	MOUNT (ISOLATION)						
	3	1	101-3128	4	SPACER						
M	4	1	6V-9804	1	BOLT (M8X75MM)						
Y	6	1	209-9588	1	CONTROL GP-ENGINE ELECTRONIC						128
M	7	1	5P-8347	3	BOLT (M8X1.25X70MM)						
	8	1	9M-1974	1	WASHER-HARD (8.8X16X2MM THK)						
	9	1	9N-0869	4	WASHER-HARD (8.8X25.5X2MM THK)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00922695

ELECTRICAL AND STARTING SYSTEM

209-9587 CONTROL GP-ENGINE ELECTRONIC

S/N: BMA1100-UP

PART OF 209-9588 CONTROL GP-ENGINE ELECTRONIC

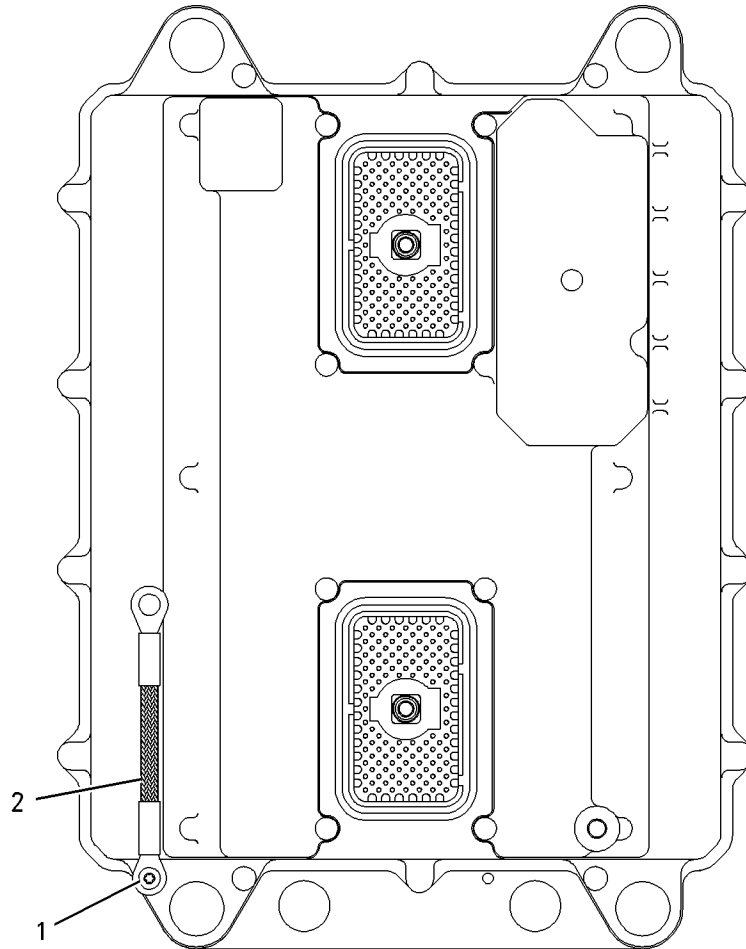
FIELD REPLACEMENT FOR 209-9588—PAGE 128

ALSO AN ATTACHMENT

SMCS-1901

i01802523

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	184-2472	1	SCREW-PAN HEAD (LUBRICATED)						
	2	1	7X-6315	1	STRAP AS-GROUND						



GRAPHIC #1

<END>

g00912273

ELECTRICAL AND STARTING SYSTEM

209-9588 CONTROL GP-ENGINE ELECTRONIC

S/N: BMA1100-UP

PART OF 188-7726 CONTROL & MTG GP-ENGINE ELEK

FIELD REPLACEMENT ORDER 209-9587-PAGE 127

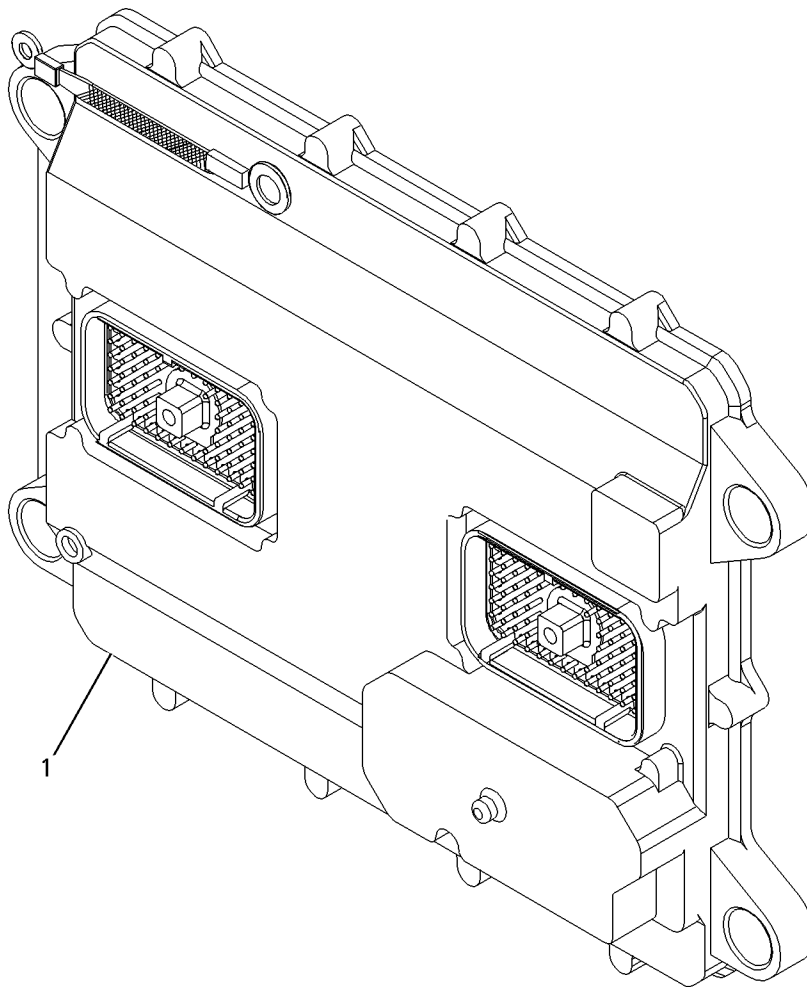
ALSO AN ATTACHMENT

SMCS-1901

i01809422

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	209-9587	1	CONTROL GP-ENGINE ELECTRONIC						127

Y- SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00913420

ELECTRICAL AND STARTING SYSTEM

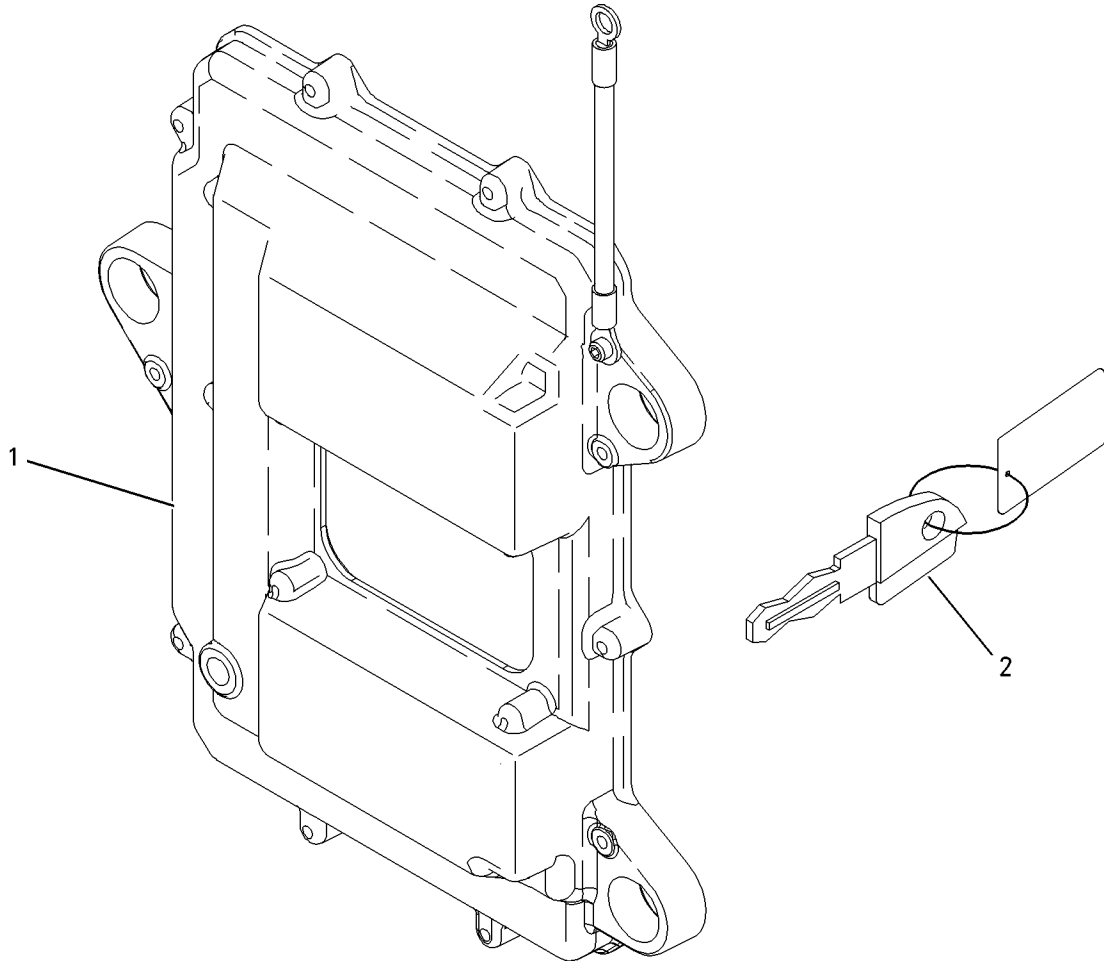
207-5262 CONTROL GP-MACHINE

S/N: CCK1-UP

PART OF 199-5995 ELECTRONICS GP-MACHINE, 228-8540 INSTALLATION GP-SECURITY
AN ATTACHMENT

i01882670

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	156-6155	1	CONTROL GP-UNPROGRAMMED (MACHINE)						
	2	1	206-5162	2	KEY AS-ELECTRONIC (SECURITY)						
F		1	220-6355	1	SOFTWARE GP-MACHINE (SECURITY)						
F-NOT SHOWN											



GRAPHIC #1

<END>

g00913550

ELECTRICAL AND STARTING SYSTEM

154-7443 CONTROL GP-MONITOR-CATERPILLAR MONITORING SYSTEM

S/N: CCK1-UP

PART OF 156-8951, 165-2790 PANEL GP-INSTRUMENT, 231-6531 SERVICE GP-MONITOR
ALSO AN ATTACHMENT

SMCS-7490

i01829251

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

ELECTRICAL AND STARTING SYSTEM

160-9146 CONTROL GP-MONITOR-PRODUCT LINK

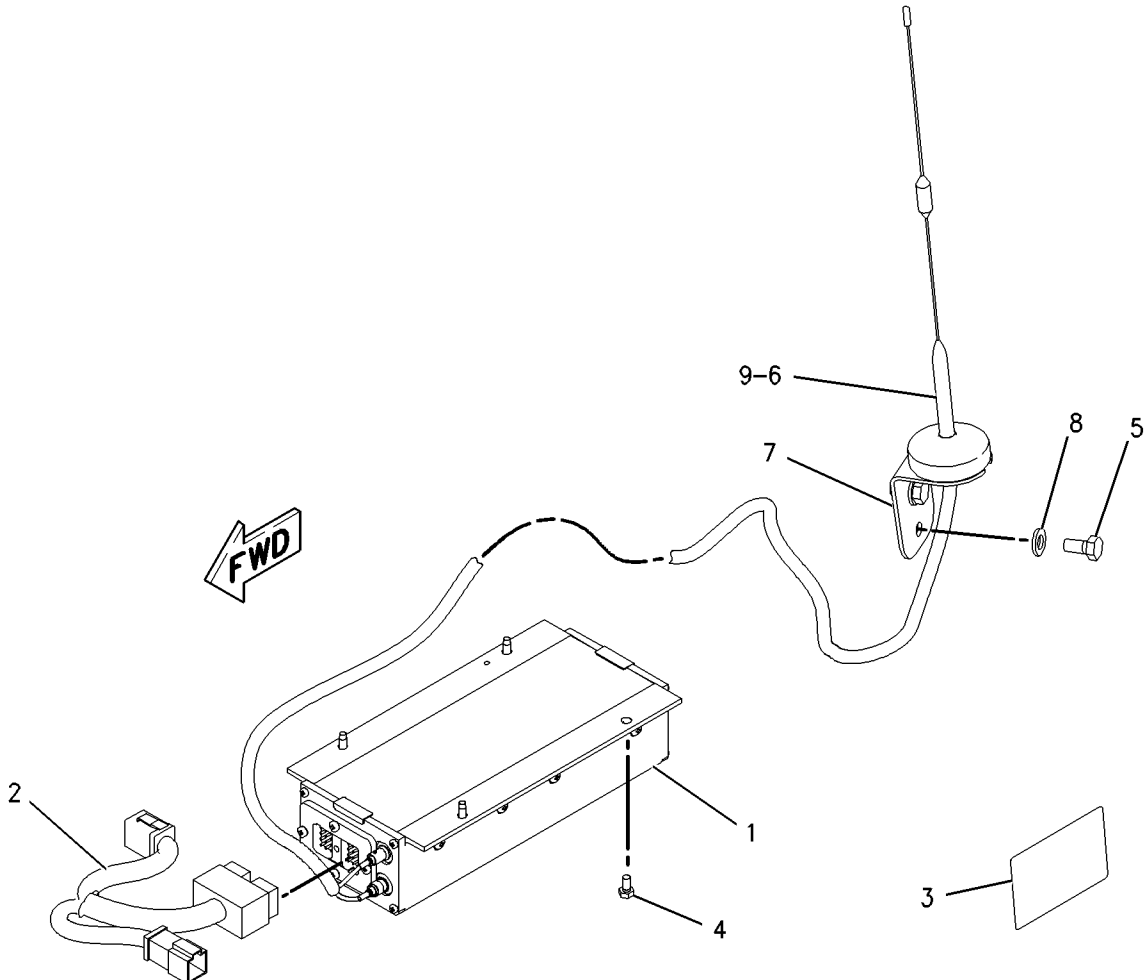
S/N: CCK1-UP
AN ATTACHMENT

SMCS-7490

i01830476

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	209-6417	1	CONTROL GP-COMMUNICATION (PRODUCT LINK)						
	2	1	178-6172	1	HARNESS AS (CONTROL MONITOR)						
		1	102-8805	1	KIT-RECEPTACLE (6 PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
		1	7X-6222	1	PLUG AS-CONNECTOR (24 PIN) (INCLUDES PLUG AS & WEDGE)						
		1	8T-8730	13	SOCKET-CONNECTOR						
		1	8T-8737	12	PLUG-SEAL						
		1	155-2265	1	KIT-CONNECTING PLUG (8 PIN) (INCLUDES PLUG AS & WEDGE)						
B	3	1	185-7141	1	FILM-WARNING (PRODUCT LINK RADIO)						
M	4	1	8T-0639	4	BOLT (M6X1.00X12MM)						
M	5	1	8T-4137	2	BOLT (M10X1.5X20MM)						
	6	1	207-6796	1	ANTENNA AS						
	7	1	223-8945	1	BRACKET						
	8	1	8T-4121	2	WASHER-HARD (11X21X2.5MM THK)						
	9	1	7K-1181	10	STRAP-CABLE						

B-USE AS REQUIRED
M-METRIC PART



GRAPHIC #1

<END>

g00913776

ELECTRICAL AND STARTING SYSTEM

172-9389 CONTROL GP-UNPROGRAMMED-POWER TRAIN

S/N: CCK1-UP

PART OF 193-5673 CONTROL GP-STEERING & TMSN, 226-6114 SERVICE GP-POWER TRAIN
ALSO AN ATTACHMENT

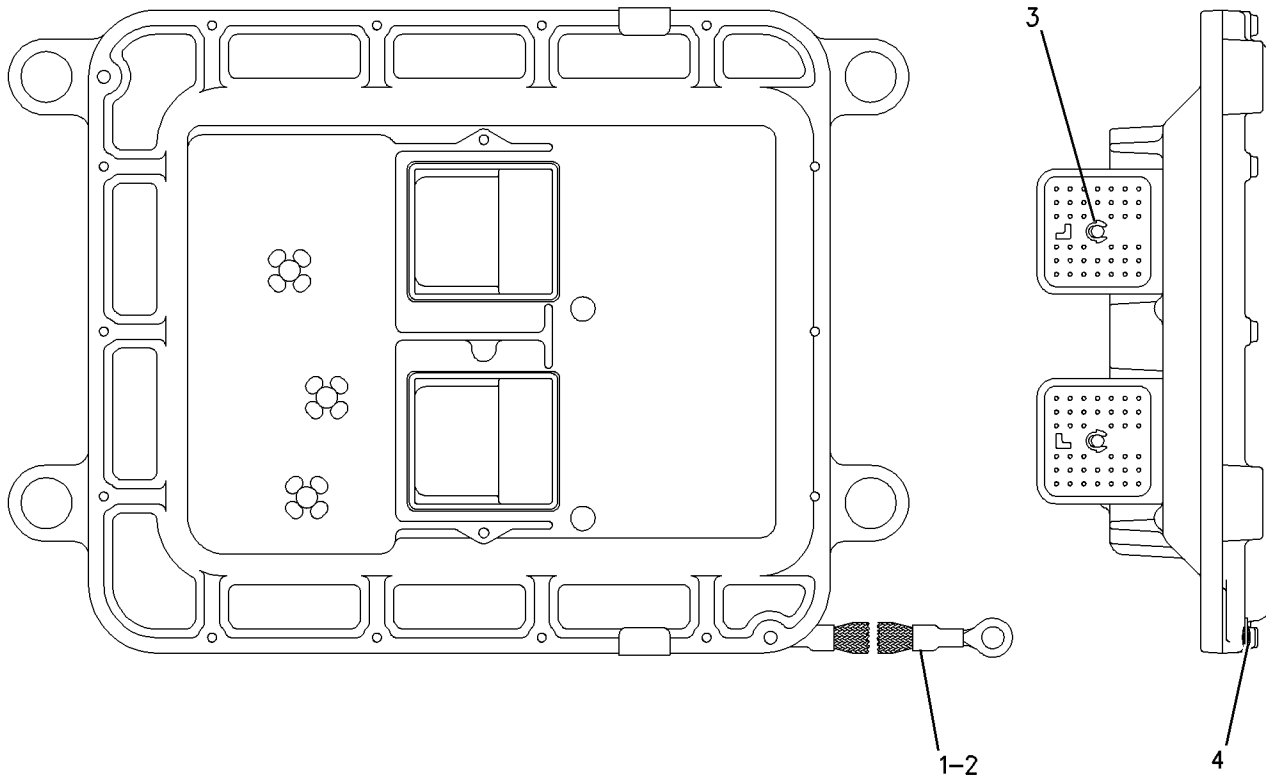
SMCS-3030

i01885436

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

FOR SOFTWARE, SEE ELECTRONICS GP

M-METRIC PART



GRAPHIC #1

<END>

g00951290

ELECTRICAL AND STARTING SYSTEM

189-4624 ELECTRONICS AR-MACHINE

S/N: CCK1-UP

PART OF 189-4616 GENERAL AR

SMCS-7000

i01834858

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	192-9081	1	BATTERY & WIRING GP						121
Y	169-3234	1	ELECTRONICS GP-MONITOR						133
Y	166-6269	1	ELECTRONICS GP-POWER TRAIN						134
Y	157-3458	1	WIRING GP-ENGINE						183

Y-SEPARATE ILLUSTRATION

<END>

199-5995 ELECTRONICS GP-MACHINE

S/N: CCK1-UP

PART OF 172-6031 INSTALLATION GP-SECURITY
AN ATTACHMENT

SMCS-7000

i01889622

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	220-6355	1	SOFTWARE GP-MACHINE (SECURITY) (SOFTWARE ONLY)						
			-OR-						
Y	207-5262	1	CONTROL GP-MACHINE (SECURITY) (INCLUDES SOFTWARE)						129
			(OPTIONAL SERVICE REPLACEMENT)						

Y-SEPARATE ILLUSTRATION

<END>

169-3234 ELECTRONICS GP-MONITOR

S/N: CCK1-UP

PART OF 189-4624 ELECTRONICS AR-MACHINE

SMCS-7490, 7601, 7603, 7620

i01881581

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	231-6531	1	SERVICE GP-MONITOR						169
			(OPTIONAL SERVICE REPLACEMENT) (INCLUDES MONITOR AND SOFTWARE)						
			-OR-						
	231-6530	1	SOFTWARE GP-MONITOR						
			(SOFTWARE ONLY)						

Y-SEPARATE ILLUSTRATION

<END>

ELECTRICAL AND STARTING SYSTEM

166-6269 ELECTRONICS GP-POWER TRAIN

S/N: CCK1-UP

PART OF 189-4624 ELECTRONICS AR-MACHINE

SMCS-1400, 4808, 4812, 4820

i01828673

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	226-6113	1	SOFTWARE GP-POWER TRAIN (SOFTWARE ONLY)						
			-OR-						
Y	226-6114	1	SERVICE GP-POWER TRAIN (INCLUDES SOFTWARE) (OPTIONAL SERVICE REPLACEMENT)						170
Y-SEPARATE ILLUSTRATION									
<END>									

ELECTRICAL AND STARTING SYSTEM

224-1296 FASTENER GP-ENGINE WIRING

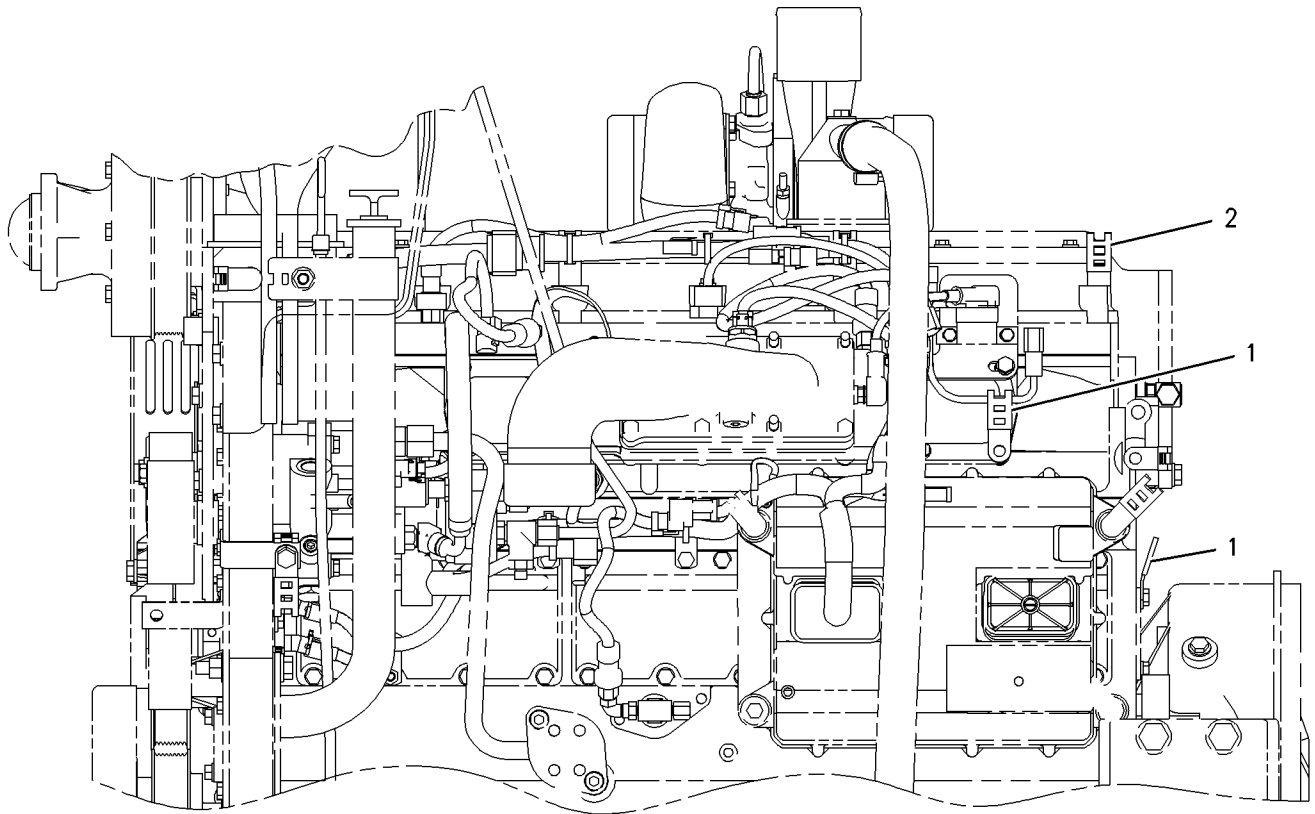
S/N: BMA1100-UP

PART OF 191-4479, 191-4481 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1408

i01804598

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4P-7581	2	CLIP						
	2	1	4P-8134	1	CLIP						



LEFT SIDE VIEW

GRAPHIC #1

<END>

g00923462

ELECTRICAL AND STARTING SYSTEM

3T-8724 HEATER GP-JACKET WATER

S/N: CCK1-UP

240 VOLT/1000 WATT

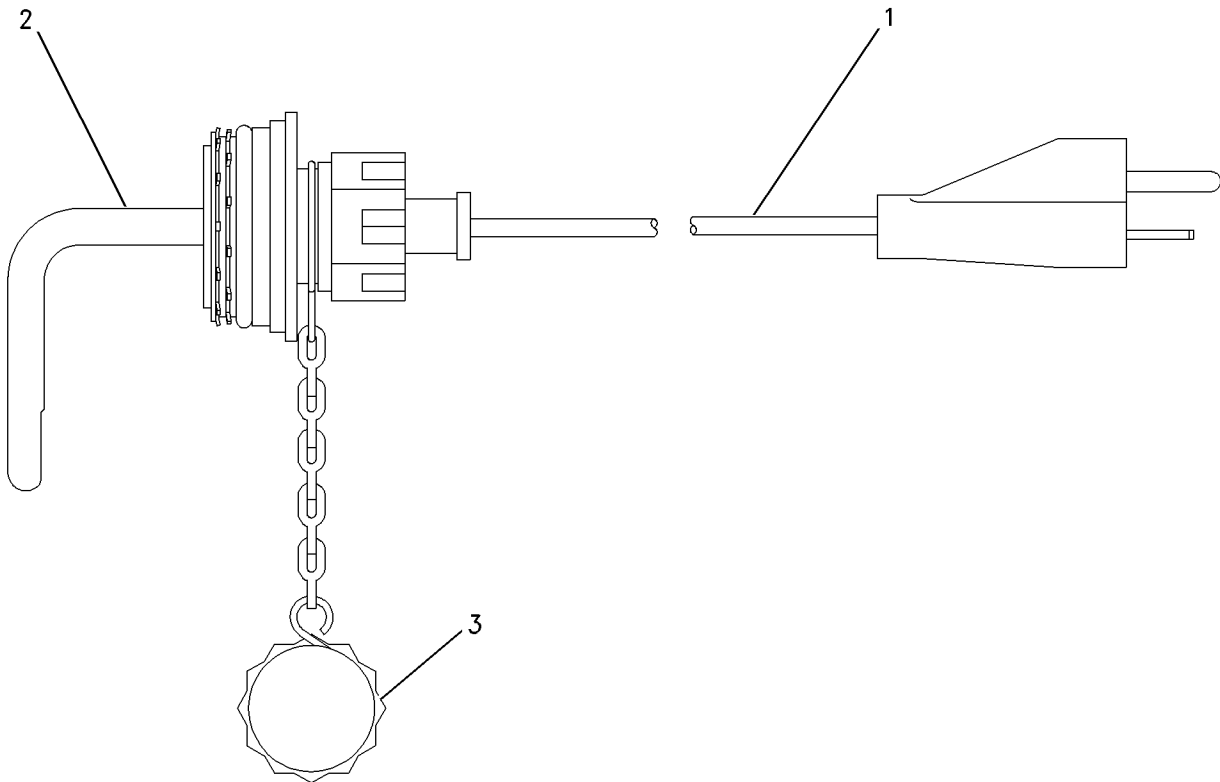
CANNOT BE USED WITH 9X-3294-PAGE 137

AN ATTACHMENT

SMCS-1383

i01887606

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4N-8227	1	CORD AS-HEATER						
C	2	1	124-0687	1	ELEMENT AS-JACKET WATER HEATER (240 VOLT/1000 WATT)						
	3	1	133-6517	1	CAP AS-DUST (JACKET WATER HEATER)						
					AVAILABLE REPAIR KIT(S) :						
			132-1448	1	KIT-SEAL (JACKET WATER HEATER) (INCLUDES SEAL, RINGS, SPACER & EXT. SNAP RING)						
C- CHANGE FROM PREVIOUS TYPE											



GRAPHIC #1

<END>

g00892783

ELECTRICAL AND STARTING SYSTEM

9X-3294 HEATER GP-JACKET WATER

S/N: CCK1-UP

120 VOLT/1000 WATT

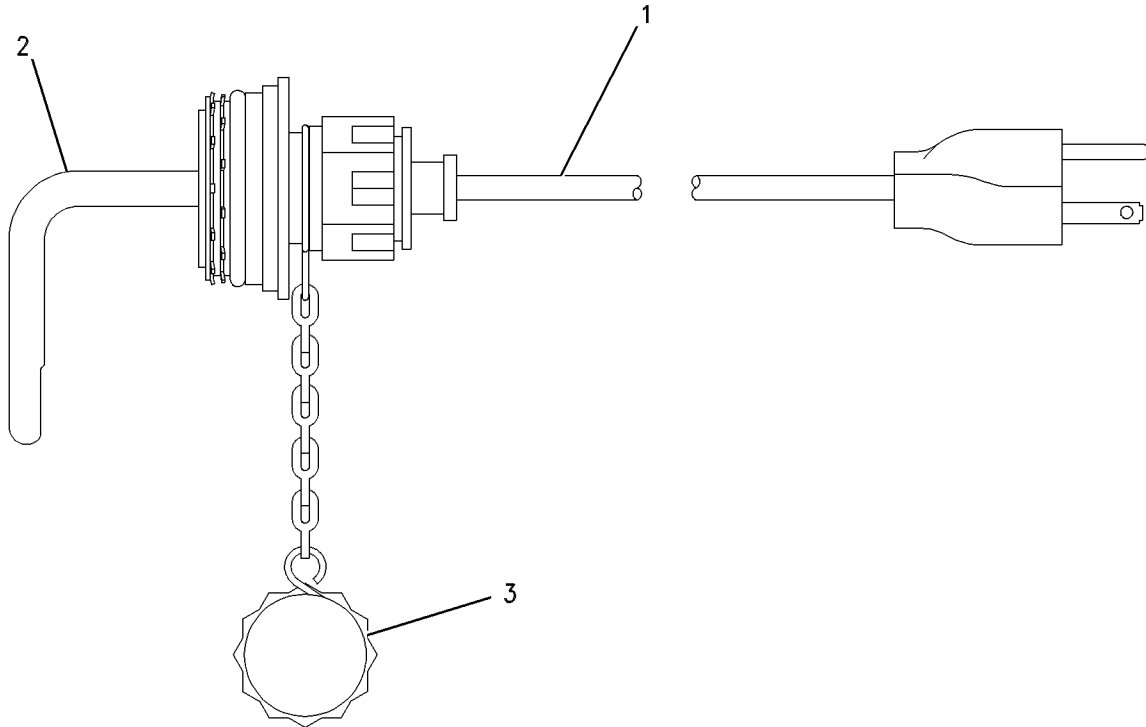
CANNOT BE USED WITH 3T-8724-PAGE 136

AN ATTACHMENT

SMCS-1383

i01882674

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9N-5253	1	CORD AS-JACKET WATER HEATER						
C	2	1	124-0686	1	ELEMENT AS-JACKET WATER HEATER (120 VOLT/1000 WATT)						
	3	1	133-6517	1	CAP AS-DUST (JACKET WATER HEATER)						
					AVAILABLE REPAIR KIT(S) :						
			132-1448	1	KIT-SEAL (JACKET WATER HEATER) (INCLUDES SEAL, RINGS, SPACER & EXT. SNAP RING)						
C-CHANGE FROM PREVIOUS TYPE											



GRAPHIC #1

<END>

g00467191

ELECTRICAL AND STARTING SYSTEM

118-7284 HEATER GP-STARTING AID-AIR INLET

S/N: BMA1100-UP

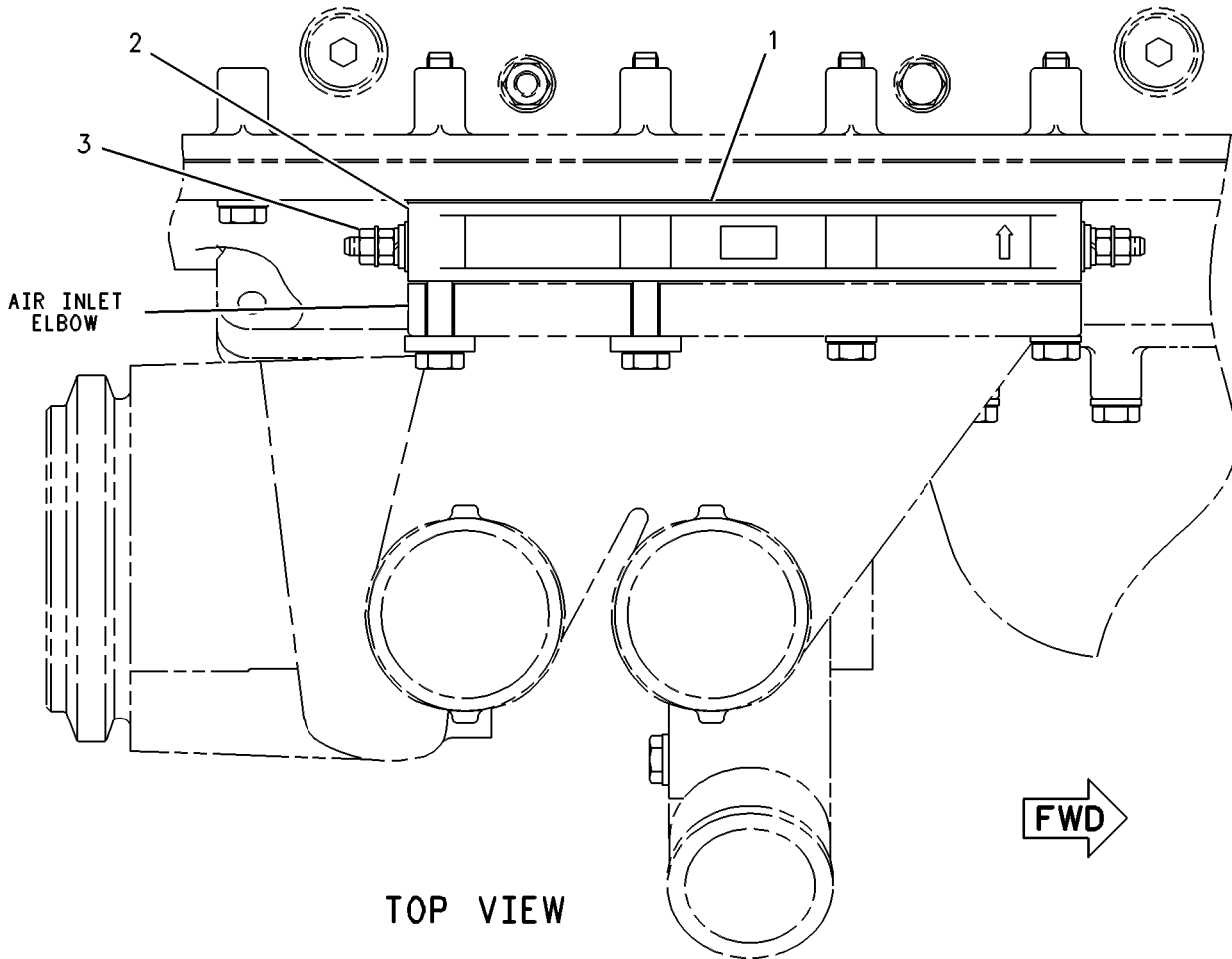
PART OF 191-4479, 191-4481 ENGINE AR-COMplete
ALSO AN ATTACHMENT

SMCS-1090

i01895544

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
B	1	1	1U-8846		SEALANT-GASKET						
	2	1	159-3537	1	HEATER AS						
M	3	1	5C-2890	2	NUT (M6X1 THD)						

B-USE AS REQUIRED
M-METRIC PART



GRAPHIC #1

<END>

g00250922

ELECTRICAL AND STARTING SYSTEM

172-6031 INSTALLATION GP-SECURITY

S/N: CCK1-UP
AN ATTACHMENT

SMCS-7631

i01898147

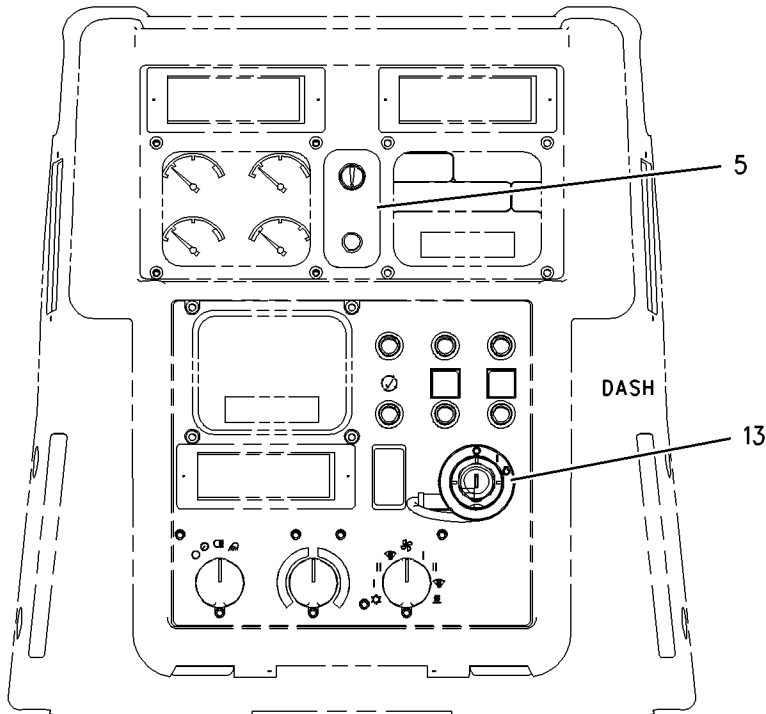
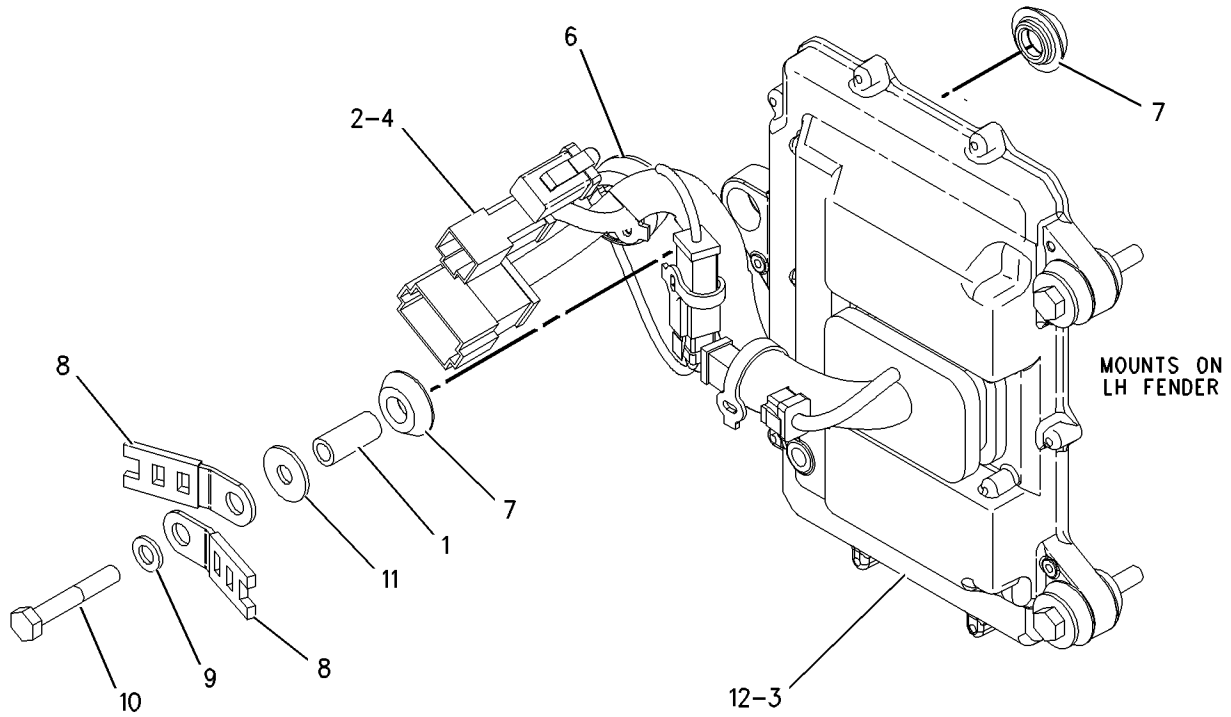
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-1418	3	SPACER (8.2X12.7X28.7MM THK)						
	2	1	7K-1181	3	STRAP-CABLE						
	3	1	156-6155	1	CONTROL GP-UNPROGRAMMED (SECURITY)						
	4	1	216-3854	1	HARNES AS (CONTROL) (SECURITY)						
		1	102-8804	1	KIT-RECEPTACLE (4 PIN)						
		1	102-8801	1	KIT-RECEPTACLE (12 PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2271	1	KIT-CONNECTING PLUG (4 PIN)						
					(INCLUDES PLUG AS & WEDGE)						
Y	5	1	222-0297	1	INSTALLATION GP-SECURITY						141
	6	1	222-3870	1	COIL AS						
		1	102-8802	2	KIT-RECEPTACLE (2 PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
		1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2 PIN)						
		1	186-3735	4	PIN-CONNECTOR						
BE		1	9X-1813		SLEEVE						
BD		1	5P-5677		WIRE-ELECTRICAL (18 GA) (BLACK)						
	7	1	155-0576	6	MOUNT-ISOLATION						
	8	1	4P-7581	2	CLIP						
	9	1	8T-4224	1	WASHER-HARD (8.8X16X2MM THK)						
M	10	1	8T-6912	3	BOLT (M8X1.25X50MM)						
	11	1	9N-0869	3	WASHER-HARD (8.8X25.5X2.0MM THK)						
Y	12	1	199-5995	1	ELECTRONICS GP-MACHINE (SECURITY)						133
	13	1	206-5162	2	KEY AS-ELECTRONIC (SECURITY)						

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

ELECTRICAL AND STARTING SYSTEM

172-6031 INSTALLATION GP-SECURITY (contd.)

i01898147



GRAPHIC #1

<END>

g00913543

ELECTRICAL AND STARTING SYSTEM

222-0297 INSTALLATION GP-SECURITY

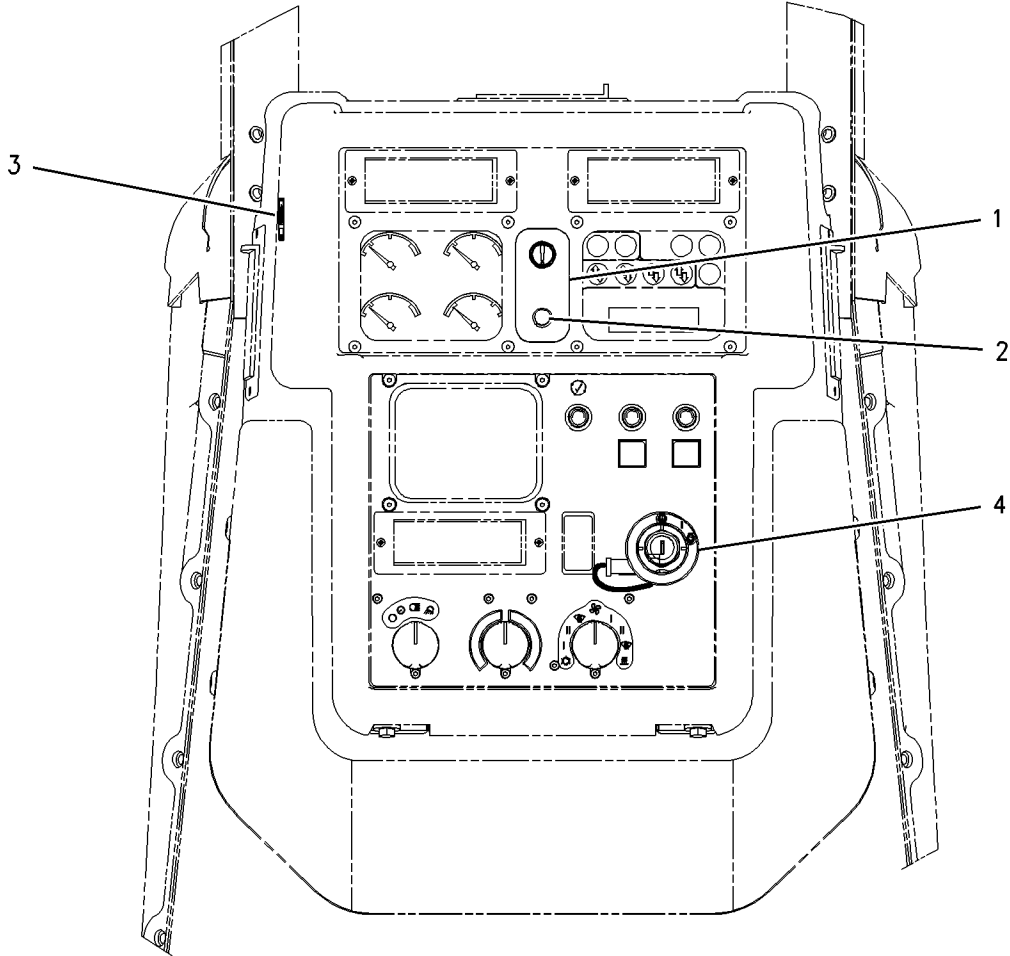
S/N: CCK1-UP

PART OF 172-6031 INSTALLATION GP-SECURITY
AN ATTACHMENT

SMCS-7631

i01882681

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	173-1201	1	FILM-IDENTIFICATION (ACTION LIGHT)						
	2	1	165-5655	1	LAMP AS (12 VOLT) (RED/GREEN LED ACTION LIGHT)						
		1	186-3735	3	PIN-CONNECTOR						
	3	1	205-0826	1	FILM (MACHINE SECURITY SYSTEM)						
	4	1	206-5203	1	COIL AS						
		1	102-8802	1	KIT-RECEPTACLE (2 PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
		1	198-5389	1	FILM (IGNITION SWITCH)						



GRAPHIC #1

<END>

g00912260

ELECTRICAL AND STARTING SYSTEM

228-8540 INSTALLATION GP-SECURITY-RETROFIT

S/N: CCK1-UP
FIELD INSTALLATION

SMCS-7631

i01882683

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	207-5262	1	CONTROL GP-MACHINE (SECURITY)						129
	205-8257	1	COIL AS						
BD	5P-5677		WIRE-ELECTRICAL (18 GA)						
	186-3735	1	PIN-CONNECTOR						
	207-5271	1	WASHER						
	222-3870	1	COIL AS						
	102-8802	1	KIT-RECEPTACLE (2 PIN)						
			(INCLUDES RECEPTACLE AS & WEDGE)						
BD	5P-5677		WIRE-ELECTRICAL (18 GA)						
	186-3735	1	PIN-CONNECTOR						
	9X-1813	15	SLEEVE						
	216-3854	1	HARNESS AS (CONTROL) (SECURITY)						
	102-8804	1	KIT-RECEPTACLE (4 PIN)						
	102-8801	1	KIT-RECEPTACLE (12 PIN)						
			(EACH INCLUDES RECEPTACLE AS & WEDGE)						
	8T-8737	55	PLUG-SEAL						
	150-6766	1	PLUG AS-CONNECTOR						
	159-9322	1	SEAL-O-RING						
	155-2270	1	KIT-CONNECTING PLUG (2 PIN)						
	155-2271	1	KIT-CONNECTING PLUG (4 PIN)						
			(EACH INCLUDES PLUG AS & WEDGE)						
	102-8802	1	KIT-RECEPTACLE (2 PIN)						
	102-8803	1	KIT-RECEPTACLE (3 PIN)						
			(EACH INCLUDES RECEPTACLE AS & WEDGE)						
	165-5655	1	LAMP AS (12 VOLT) (RED/GREEN LED ACTION LIGHT)						
	186-3735	3	PIN-CONNECTOR						
M	6V-3918	3	BOLT (M8X1.25X50MM)						
	4P-7581	2	CLIP						
	8T-9655	6	MOUNT (ISOLATION)						
	6I-1418	3	SPACER (8.2X12.7X28.7MM THK)						
	7K-1181	5	STRAP-CABLE						
	9N-0869	4	WASHER-HARD (8.8X25.5X2.0MM THK)						
	198-5389	1	FILM (IGNITION SWITCH)						
	205-0826	1	FILM (MACHINE SECURITY SYSTEM)						
	225-5927	1	FILM (SECURITY NOTICE)						
	173-1201	1	FILM-IDENTIFICATION (ACTION LIGHT)						

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

<END>

ELECTRICAL AND STARTING SYSTEM

3E-6389 LAMP GP-DOME

S/N: CCK1-UP

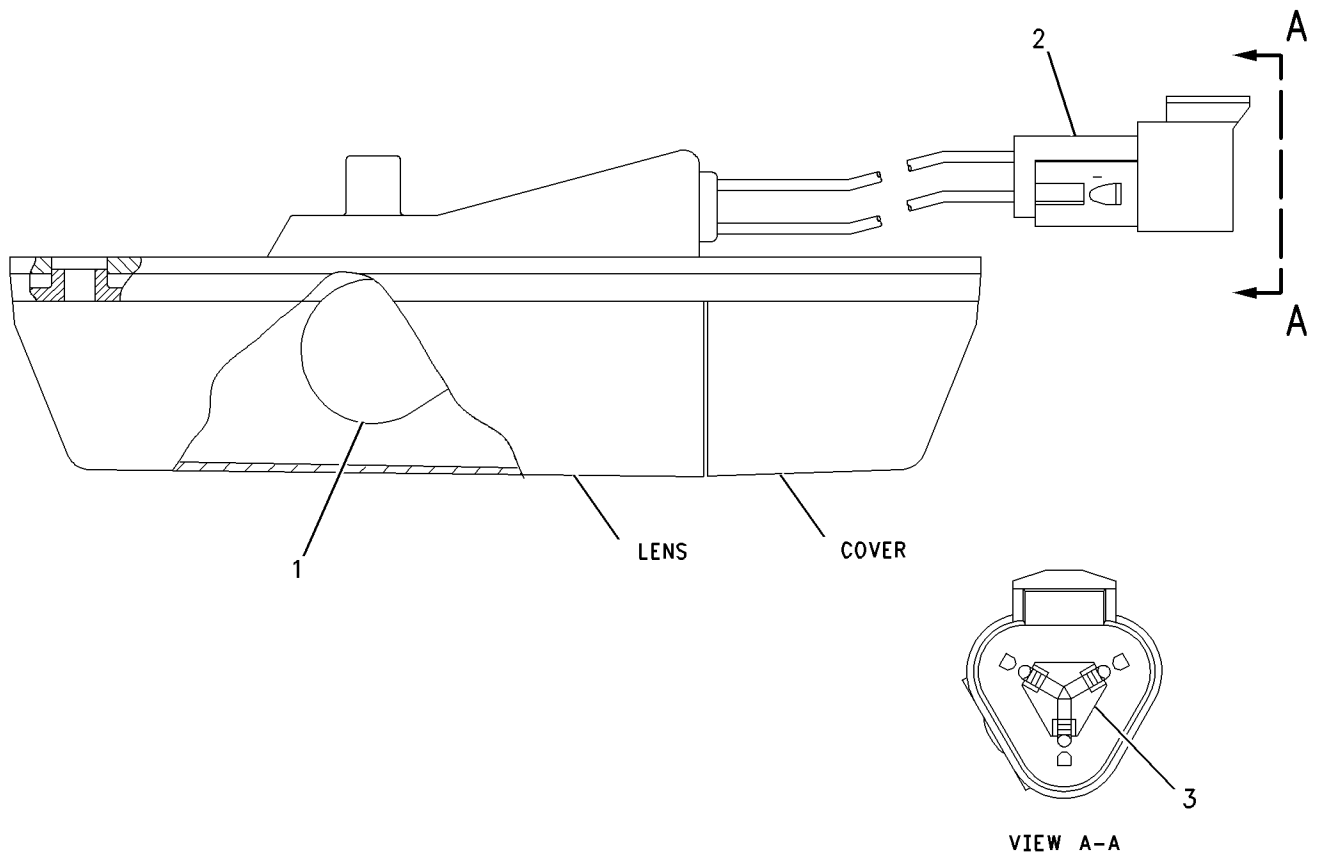
24 VOLT. WITH SWITCH

PART OF 170-2084 LINER GP-CAB

SMCS-1429

i01855896

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



GRAPHIC #1

<END>

g00892785

ELECTRICAL AND STARTING SYSTEM

219-6487 LAMP GP-FLOOD-REAR ROPS

S/N: CCK1-UP

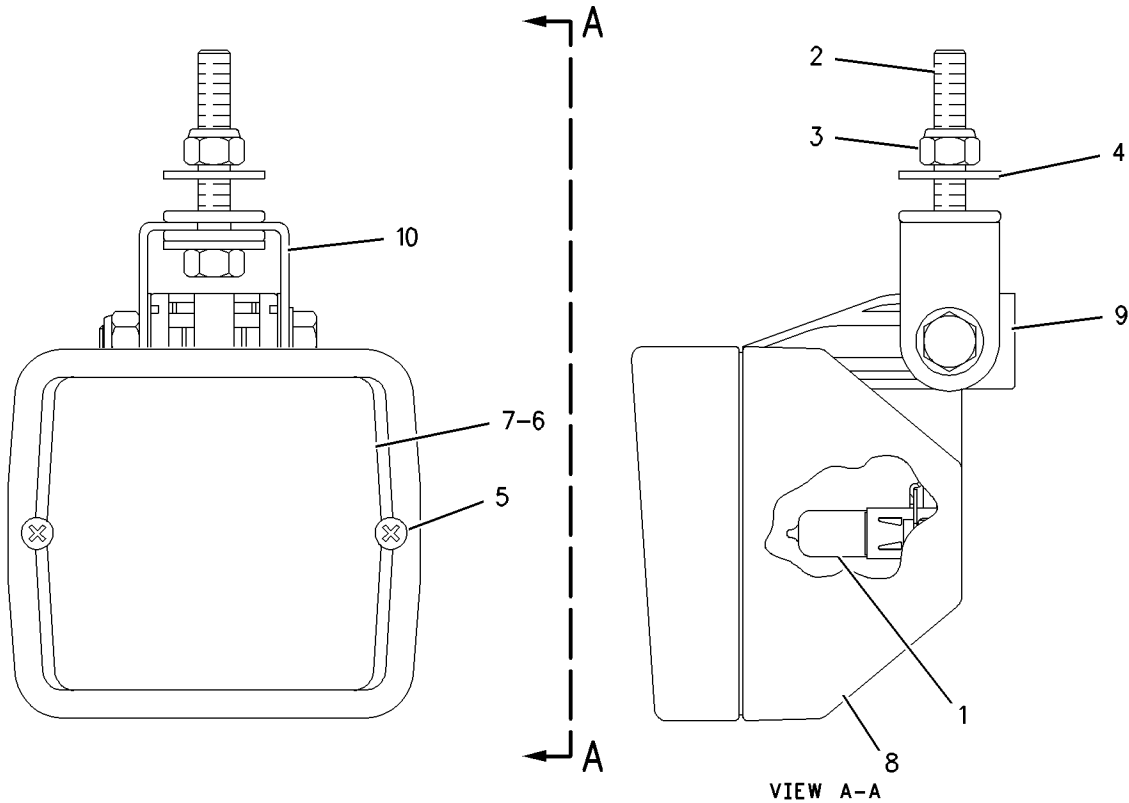
PART OF 157-3463 LIGHTING GP-FLOOD
AN ATTACHMENT

SMCS-1434

i01892535

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-3463	1	LAMP-HALOGEN (24 VOLT) (65 WATT) (FLOOD)						
M	2	1	8T-6912	1	BOLT (M8X1.25X50MM)						
M	3	1	5C-7261	1	NUT (M8X1.25 THD)						
	4	1	8T-4224	2	WASHER-HARD (8.8X16X2MM THK)						
	5	1	9X-4244	2	SCREW						
	6	1	202-6612	1	SEAL						
	7	1	202-6614	1	LENS AS (FLOOD) (ROPS)						
	8	1	175-4292	1	BODY AS						
	9	1	164-7556	1	CLIP						
	10	1	175-4291	1	BRACKET AS						

M-METRIC PART



GRAPHIC #1

<END>

g00912360

ELECTRICAL AND STARTING SYSTEM

219-6488 LAMP GP-FLOOD-FRONT ROPS

S/N: CCK1-UP

24 VOLT

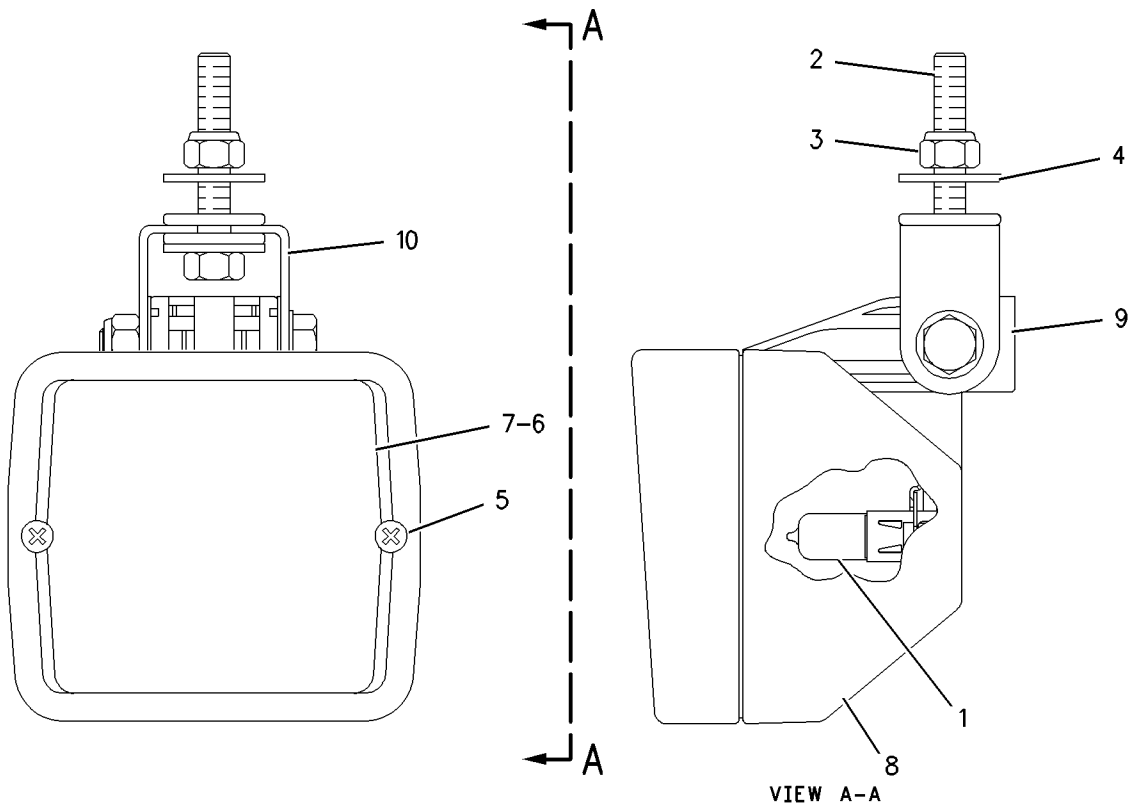
PART OF 157-3463 LIGHTING GP-FLOOD
AN ATTACHMENT

SMCS-1434

i01892538

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-3463	1	LAMP-HALOGEN (24 VOLT) (65 WATT) (FLOOD)						
M	2	1	8T-6912	1	BOLT (M8X1.25X50MM)						
M	3	1	5C-7261	1	NUT (M8X1.25 THD)						
	4	1	8T-4224	2	WASHER-HARD (8.8X16X2MM THK)						
	5	1	9X-4244	2	SCREW						
	6	1	202-6612	1	SEAL						
	7	1	202-6611	1	LENS AS (FLOOD) (ROPS)						
	8	1	175-4292	1	BODY AS						
	9	1	164-7556	1	CLIP						
	10	1	175-4291	1	BRACKET AS						

M-METRIC PART



GRAPHIC #1

<END>

g00912360

ELECTRICAL AND STARTING SYSTEM

225-5075 LAMP GP - FLOOD-FRONT RADIATOR GRILL

S/N: CCK1-UP

24 VOLT, SHOCK RESISTANT

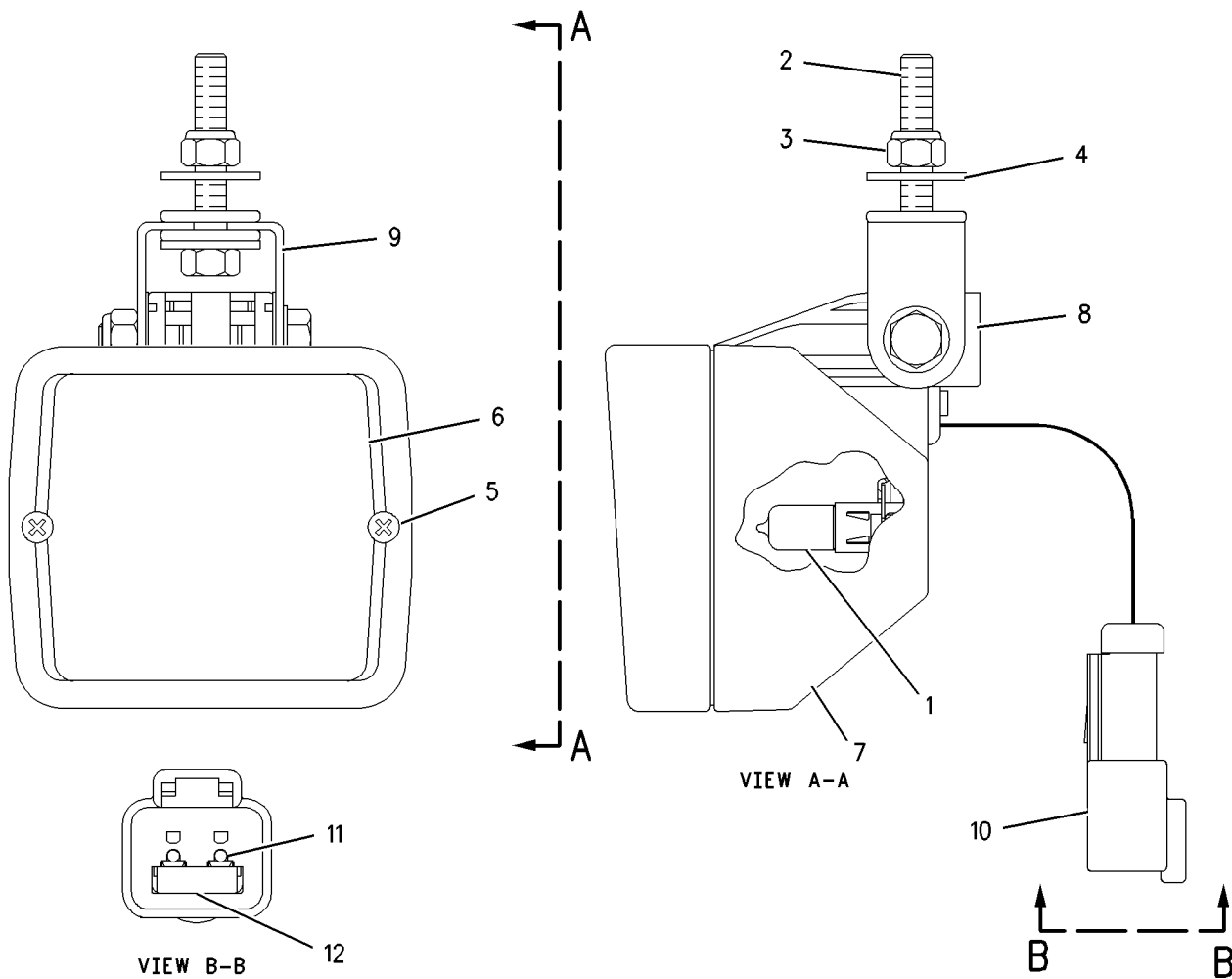
PART OF 192-9081 BATTERY & WIRING GP

SMCS-1434

i01898150

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-3463	1	LAMP-HALOGEN (24 VOLT) (65 WATT) (FLOOD)						
M	2	1	8T-6912	1	BOLT (M8X1.25X50MM)						
M	3	1	5C-7261	1	NUT (M8X1.25 THD)						
	4	1	8T-4224	2	WASHER-HARD (8.8X16X2MM THK)						
	5	1	9X-4244	2	SCREW						
	6	1	202-6611	1	LENS AS (FLOOD)						
	7	1	227-0169	1	BODY AS						
	8	1	164-7556	1	CLIP						
	9	1	175-4291	1	BRACKET AS						
	10	1	102-8802	1	KIT-RECEPTACLE (2 PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
	11	1	186-3735	2	PIN-CONNECTOR						
	12	1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2 PIN)						

M-METRIC PART



GRAPHIC #1

<END>

g00912419

ELECTRICAL AND STARTING SYSTEM

110-7563 LAMP GP-WARNING BEACON

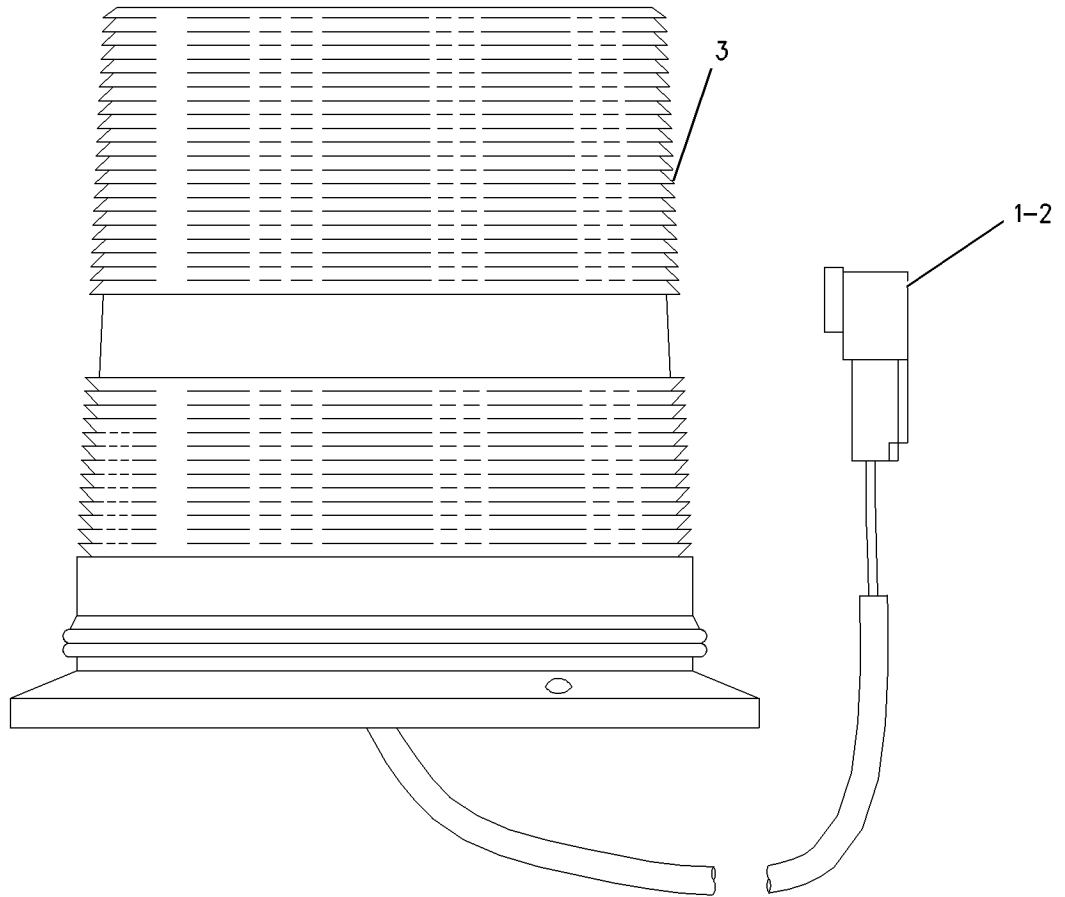
S/N: CCK1-UP

PART OF 157-3459 LIGHTING GP-WARNING BEACON
AN ATTACHMENT

SMCS-1431

i01882697

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	102-8802	1	KIT-RECEPTACLE (2 PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
	2	1	8T-8729	2	PIN-CONNECTOR						
	3	1	198-0316	1	LENS (AMBER WARNING BEACON)						
F		1	198-0315	1	TUBE-FLASH (8 PRONG CONNECTION) (WARNING BEACON)						
F		1	127-8158	1	TUBE-FLASH (3 PRONG CONNECTION) (WARNING BEACON)						
F - NOT SHOWN											



GRAPHIC #1

<END>

g00748973

ELECTRICAL AND STARTING SYSTEM

157-3463 LIGHTING GP-FLOOD-ENCLOSED & OPEN ROPS

S/N: CCK1-UP
AN ATTACHMENT

SMCS-1429

i01898167

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7K-1181	4	STRAP-CABLE						
	2	1	197-4816	4	PLATE						
	3	1	197-6587	4	BRACKET AS						
					(EACH INCLUDES)						
M		1	8T-3490	2	NUT-WELD (M10X1.5 THD)						
Y	4	1	219-6487	2	LAMP GP-FLOOD (24 VOLT, SUSPENDED MOUNT) (REAR ROPS)						144
Y	5	1	219-6488	2	LAMP GP-FLOOD (SUSPENDED MOUNT) (24 VOLT, FRONT ROPS)						145
	6	1	223-8934	4	GUARD AS						
					(EACH INCLUDES)						
M		1	8T-3612	4	NUT-WELD (M8X1.25 THD)						
	7	1	223-8935	1	SCREEN AS (RH)						
	8	1	223-8936	1	SCREEN AS (LH)						
					(EACH SCREEN AS INCLUDES)						
		1	8T-2561	1	WASHER-HARD (10.5X28.5X5MM THK)						
	9	1	4P-7581	4	CLIP						
	10	1	5P-4116	4	WASHER-HARD (8.8X20.5X2MM THK)						
	11	1	8T-4121	28	WASHER-HARD (11X21X2.5MM THK)						
M	12	1	8T-4182	4	BOLT (M10X1.5X45MM)						
M	13	1	8T-4195	24	BOLT (M10X1.5X30MM)						
	14	1	8T-4224	6	WASHER-HARD (8.8X16X2MM THK)						
M	15	1	8T-4908	6	BOLT (M8X1.25X25MM)						

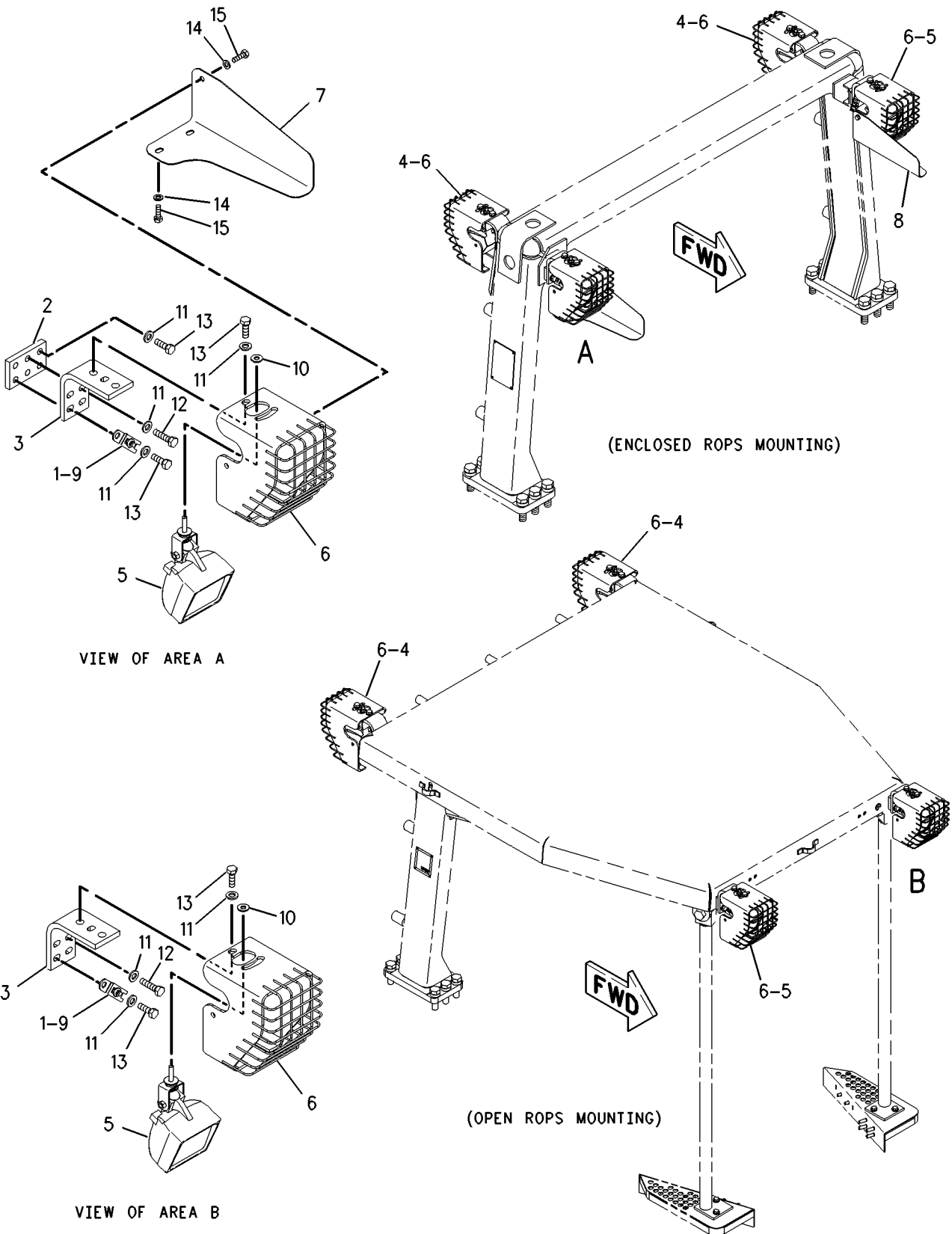
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

157-3463 LIGHTING GP-FLOOD (contd.)

i01898167



VIEW OF AREA A

VIEW OF AREA B

(ENCLOSED ROPS MOUNTING)

(OPEN ROPS MOUNTING)

GRAPHIC #1

<END>

g00970392

ELECTRICAL AND STARTING SYSTEM

157-3459 LIGHTING GP-WARNING BEACON

S/N: CCK1-UP
AN ATTACHMENT

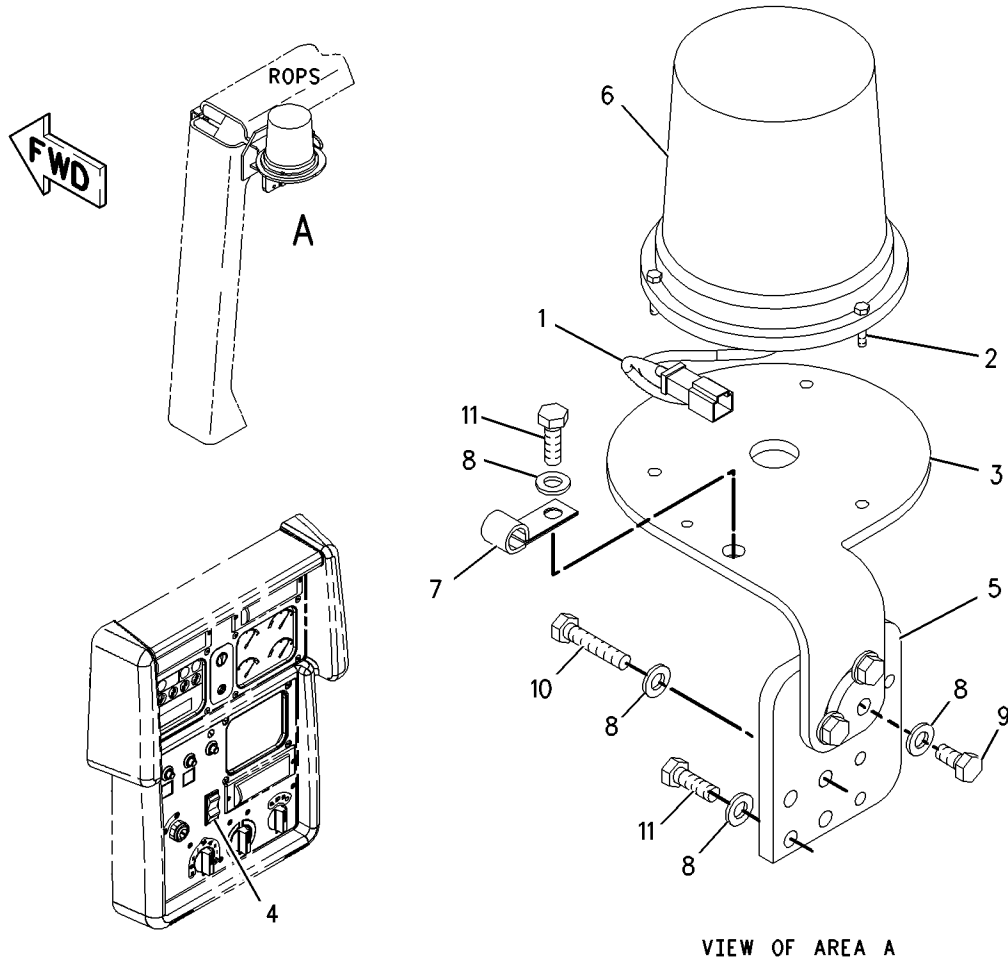
SMCS-1431

i01884410

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	3S-2093	1	STRAP-CABLE	
M	2	1	125-3299	3	BOLT-SOCKET HEAD (M5X0.8X25MM)	
	3	1	203-4261	1	BRACKET AS	
M		1	8T-3490	1	NUT-WELD (M10X1.5 THD)	
M		1	8T-8874	3	NUT-WELD (M5X0.8 THD)	
	4	1	102-9862	1	SWITCH AS (WARNING BEACON)	
		1	3E-8822	1	ACTUATOR-ROCKER	
		1	3E-8825	1	LAMP (24 VOLT) (WARNING BEACON)	
					-OR-	
		1	165-5674	1	LAMP-DIODE (LED) (WARNING BEACON)	
	5	1	233-0792	1	PLATE	
Y	6	1	110-7563	1	LAMP GP-WARNING BEACON	147
	7	1	6K-8178	1	CLIP	
	8	1	8T-4121	7	WASHER-HARD (11X21X2.5MM THK)	
M	9	1	8T-4137	3	BOLT (M10X1.5X20MM)	
M	10	1	8T-4182	1	BOLT (M10X1.5X45MM)	
M	11	1	8T-4195	3	BOLT (M10X1.5X30MM)	

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00976190

ELECTRICAL AND STARTING SYSTEM

156-8378 PANEL GP-CIRCUIT BREAKER

S/N: CCK1-UP

PART OF 192-9082 WIRING GP-PLATFORM

ALSO AN ATTACHMENT

SMCS-1417, 1420

i01885438

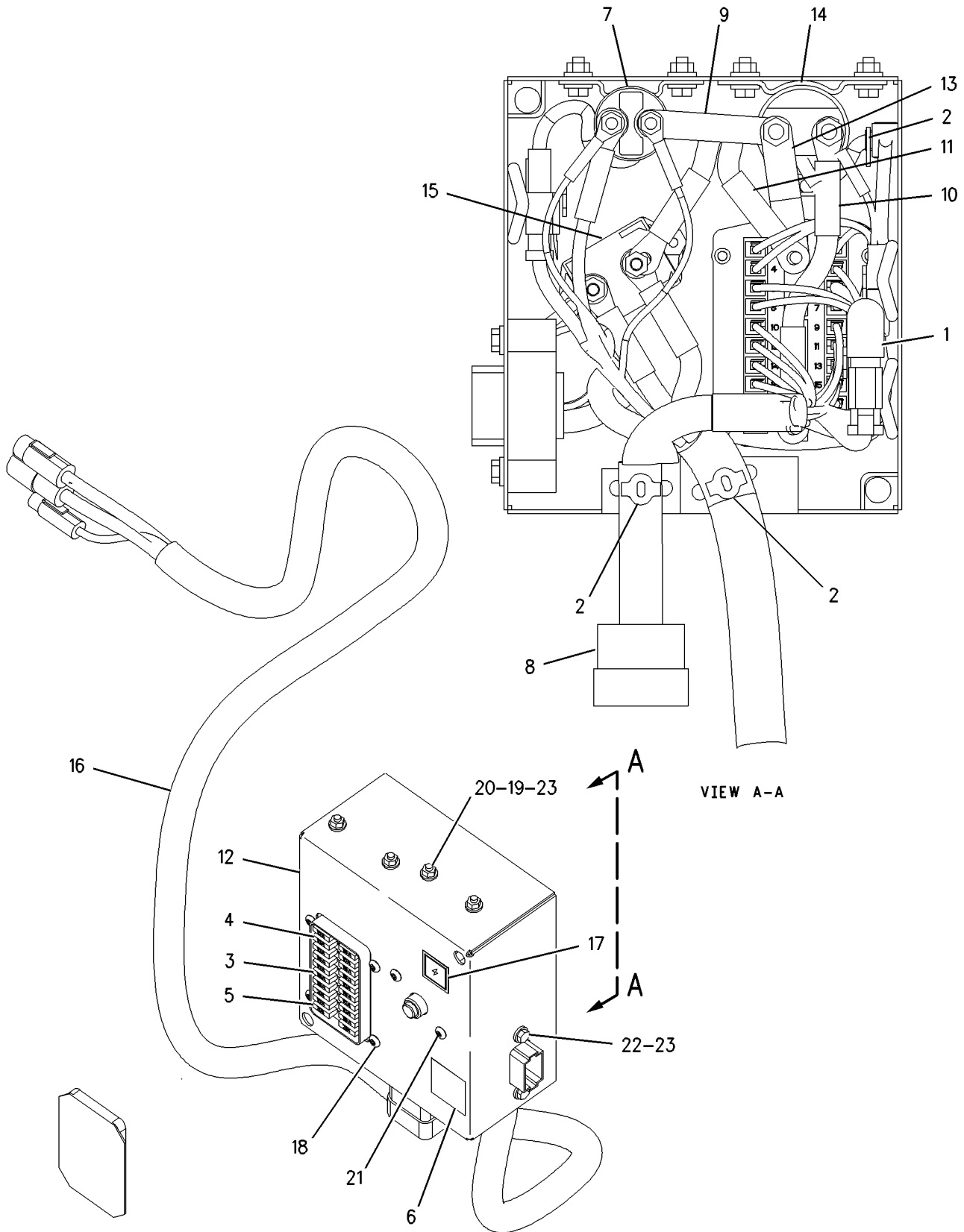
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	189-3158	1	SUPPRESSOR-ARC						
	2	1	7K-1181	8	STRAP-CABLE						
	3	1	9W-1441	8	FUSE (15 AMP)						
	4	1	9W-1442	9	FUSE (10 AMP)						
	5	1	9W-1446	3	FUSE (20 AMP)						
	6	1	114-0931	1	FILM-IDENTIFICATION (SERVICE CONNECTOR)						
Y	7	1	125-1302	1	SWITCH GP-MAGNETIC (START RELAY)						177
	8	1	213-2985	1	HARNESS AS (CIRCUIT BREAKER)						
		1	102-8802	1	KIT-RECEPTACLE (2 PIN)						
		1	103-8133	1	KIT-RECEPTACLE (12 PIN)						
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2270	1	KIT-CONNECTING PLUG (2 PIN)						
					(INCLUDES PLUG AS, WEDGE AND INTERFACE SEAL)						
		1	106-4155	1	KIT-BOLT (CIRCUIT BREAKER HARNESS)						
					(INCLUDES BOLT, RING AND SEAL)						
		1	186-3735	42	PIN-CONNECTOR						
		1	3S-2093	4	STRAP-CABLE						
		1	8T-8737	23	PLUG-SEAL						
		1	175-7058	1	BLOCK AS-FUSE						
	9	1	165-3503	1	STRIP						
	10	1	165-3504	1	WIRE AS						
	11	1	165-3505	1	WIRE AS						
	12	1	213-2986	1	PANEL AS						
		1	7T-1099	3	LINK						
	13	1	165-4157	1	STRIP						
Y	14	1	167-0138	1	SWITCH GP-MAGNETIC (MAIN FUSE RELAY)						178
	15	1	171-2210	1	CIRCUIT BREAKER AS (80 AMP) (MACHINE MAIN)						
		1	1H-3244	2	LOCKWASHER						
		1	6V-8187	2	NUT (1/4-28 THD)						
		1	8T-4205	2	WASHER-HARD (7.2X14.5X2MM THK)						
	16	1	172-9999	1	HARNESS AS (CIRCUIT BREAKER PANEL)						
		1	127-5483	2	PLUG AS-CONNECTOR (1 PIN)						
		1	127-5484	1	RECEPTACLE AS (1 PIN)						
		1	127-5485	1	PLUG AS-CONNECTOR (1 PIN)						
	17	1	173-1614	1	FILM-IDENTIFICATION (ALTERNATOR)						
	18	1	5P-7162	4	SCREW-MACHINE (10-32 THD)						
M	19	1	5C-2890	4	NUT (M6X1 THD)						
M	20	1	5C-9553	4	BOLT (M6X1X16MM)						
	21	1	6V-7978	2	SCREW-MACHINE (10-32X0.375 IN)						
M	22	1	8T-4171	2	BOLT (M6X1X12MM)						
	23	1	8T-4205	10	WASHER-HARD (7.2X14.5X2MM THK)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

156-8378 PANEL GP-CIRCUIT BREAKER (contd.)

i01885438



GRAPHIC #1

<END>

g00912248

ELECTRICAL AND STARTING SYSTEM

199-7734 SENSOR GP - ENGINE

S/N: BMA1100-UP

PART OF 191-4479, 191-4481 ENGINE AR-COMplete

ALSO AN ATTACHMENT

SMCS-1718, 1906, 1912, 1924, 1929

i01892542

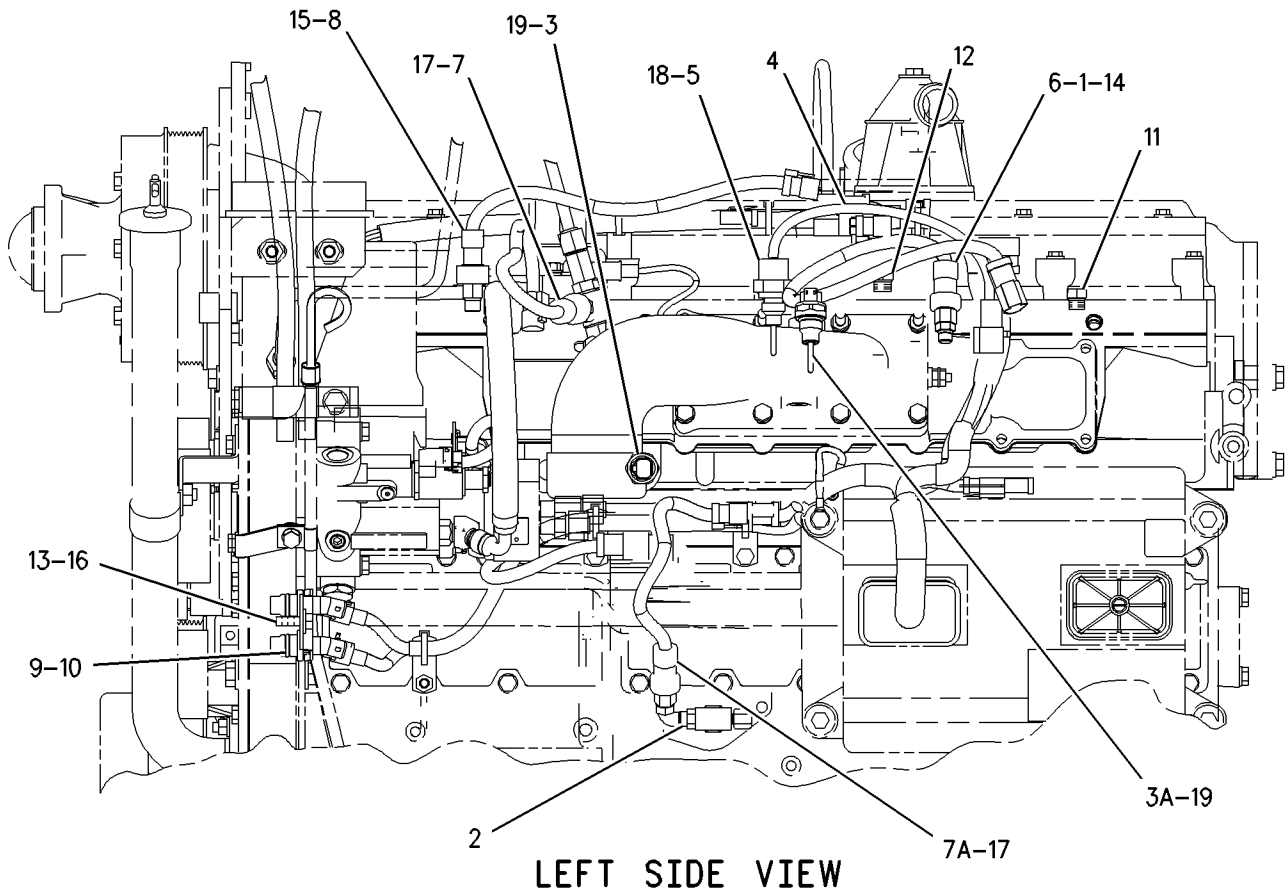
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-0262	1	ADAPTER						
	2	1	031-2716	1	ELBOW						
	3	1	130-9811	1	SENSOR GP-TEMPERATURE (COOLANT)						
	3A	1	130-9811	1	SENSOR GP-TEMPERATURE (INTAKE AIR)						
	4	1	160-8123	1	PLUG AS						
		1	3E-3368	1	WEDGE-PLUG LOCK						
		1	8T-8737	3	PLUG-SEAL						
Y	5	1	191-6587	1	SENSOR GP-TEMPERATURE (ENGINE OIL)						168
Y	6	1	194-6723	1	SENSOR GP-PRESSURE (TURBO OUTLET)						159
Y	7	1	194-6725	1	SENSOR GP-PRESSURE (FUEL)						160
Y	7A	1	194-6725	1	SENSOR GP-PRESSURE (ENGINE OIL)						160
Y	8	1	194-6726	1	SENSOR GP-PRESSURE (INJECTION ACTUATION)						161
	9	1	117-1385	2	SEAL-O-RING						
Y	10	1	169-3300	1	SENSOR GP-SPEED (TIMING) (ENGINE)						163
	11	1	3K-8460	1	PLUG (1/2-20 THD)						
		1	5P-7814	1	SEAL-O-RING						
	12	1	6V-5049	1	SEAL-O-RING						
		1	9S-4191	1	PLUG						
	13	1	3E-4352	1	WASHER-HARD (8.8X20.5X2.5MM THK)						
	14	1	3J-7354	2	SEAL-O-RING						
	15	1	5P-7814	1	SEAL-O-RING						
M	16	1	6V-3940	1	BOLT (M8X1.25X25MM)						
	17	1	6V-5048	2	SEAL-O-RING						
	18	1	6V-5049	1	SEAL-O-RING						
	19	1	6V-6609	2	SEAL-O-RING						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

199 - 7734 SENSOR GP - ENGINE (contd.)

i01892542



GRAPHIC #1

<END>

g00896956

ELECTRICAL AND STARTING SYSTEM

165-6634 SENSOR GP-LIQUID LEVEL-COOLANT

S/N: CCK1-UP

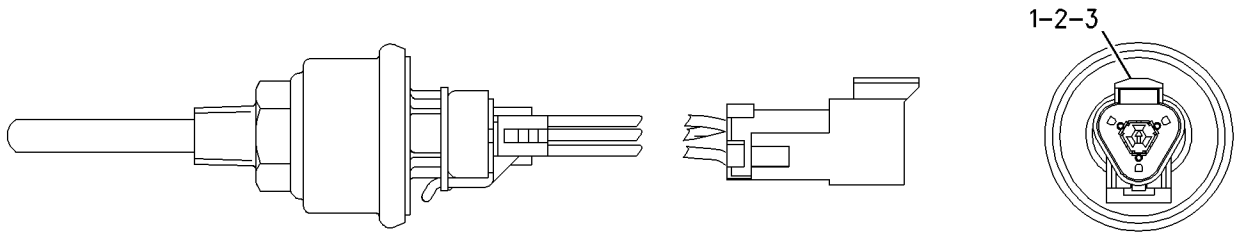
PART OF 195-1040 RADIATOR GP

SMCS-7422

i01849533

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

J-KIT MARKED J INCLUDES PART MARKED J



GRAPHIC #1

<END>

g00785629

ELECTRICAL AND STARTING SYSTEM

160-2443 SENSOR GP- POSITION-DECELERATOR PEDAL

S/N: CCK1-UP

ROTARY

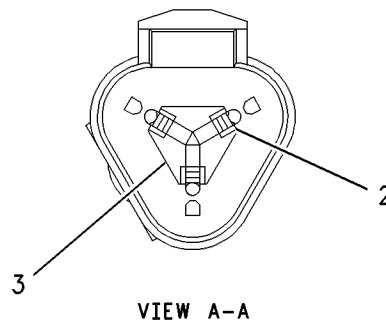
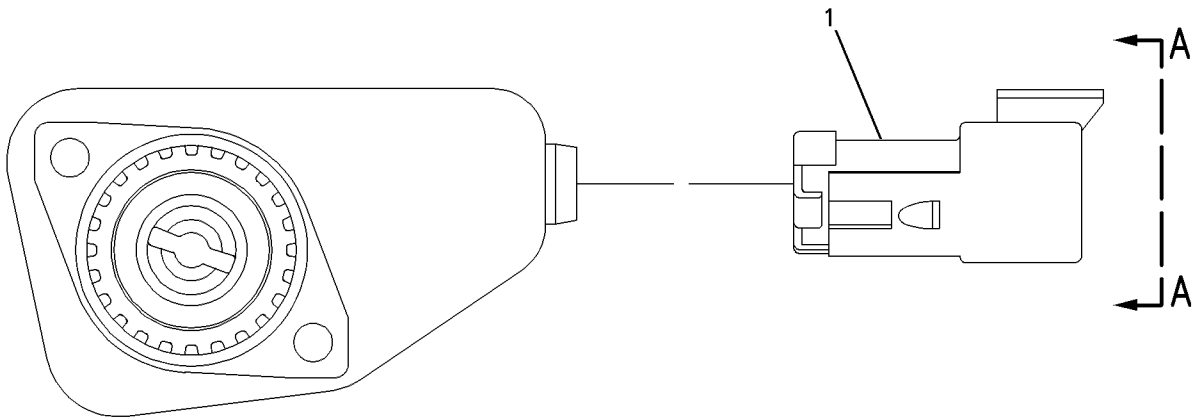
PART OF 199-4801 PEDAL GP-GOVERNOR & BRAKE

ALSO AN ATTACHMENT

SMCS-1408

i01431988

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



GRAPHIC #1

<END>

g00637818

ELECTRICAL AND STARTING SYSTEM

214-4862 SENSOR GP-POSITION-STEERING/TMSN CONTROL HANDLE

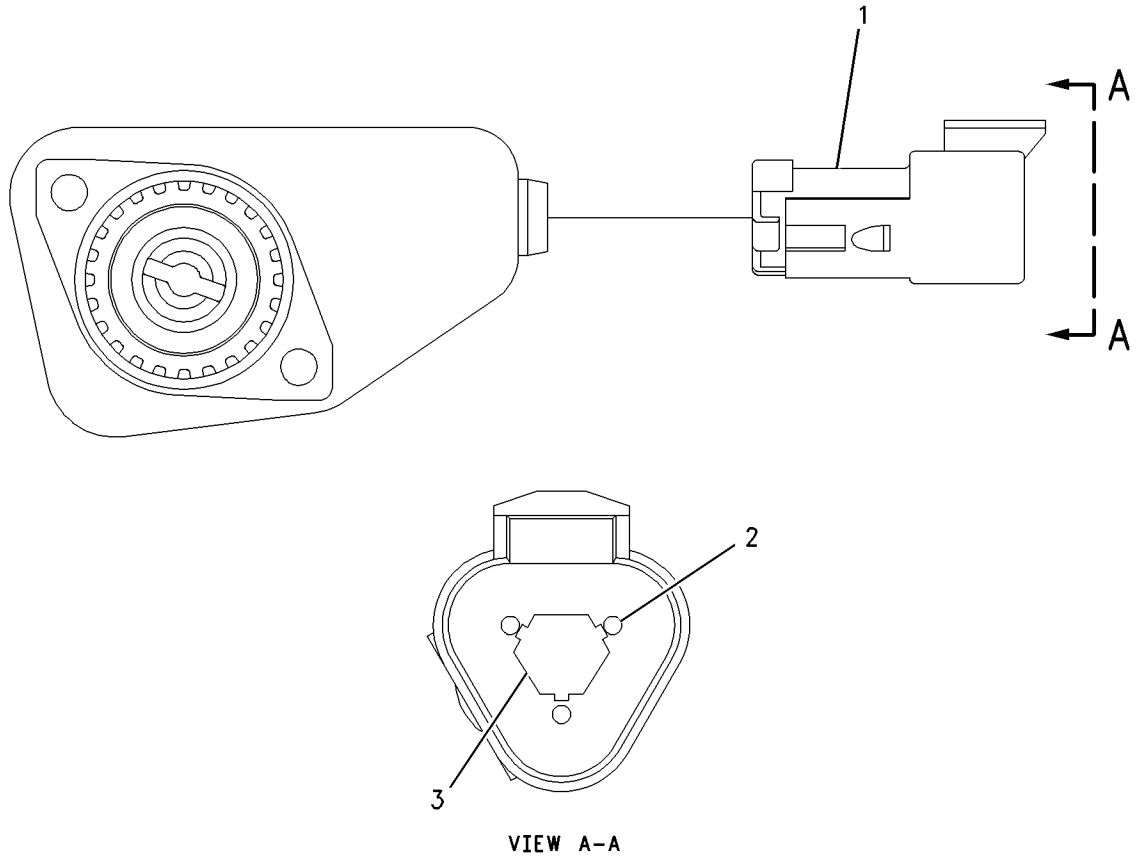
S/N: CCK1-UP

PART OF 112-4820 CONTROL GP-STEERING & TMSN
ALSO AN ATTACHMENT

SMCS-1408

i01874618

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



GRAPHIC #1

<END>

g00893828

ELECTRICAL AND STARTING SYSTEM

214-4863 SENSOR GP- POSITION-SERVICE BRAKE PEDAL

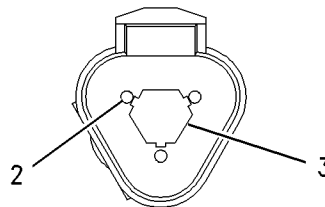
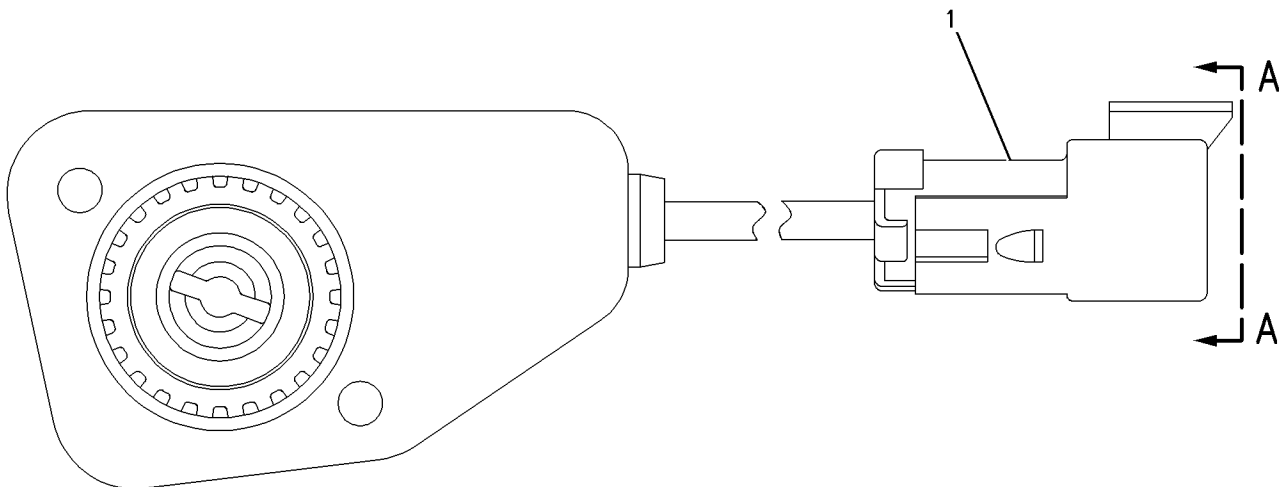
S/N: CCK1-UP

PART OF 199-4801 PEDAL GP-GOVERNOR & BRAKE
ALSO AN ATTACHMENT

SMCS-1408

i01898168

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



VIEW A-A

GRAPHIC #1

<END>

g00925281

ELECTRICAL AND STARTING SYSTEM

194-6723 SENSOR GP-PRESSURE-TURBO OUTLET

S/N: BMA1100-UP

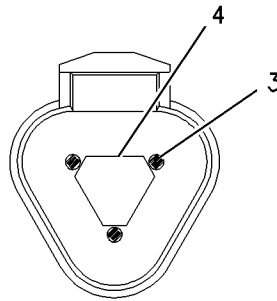
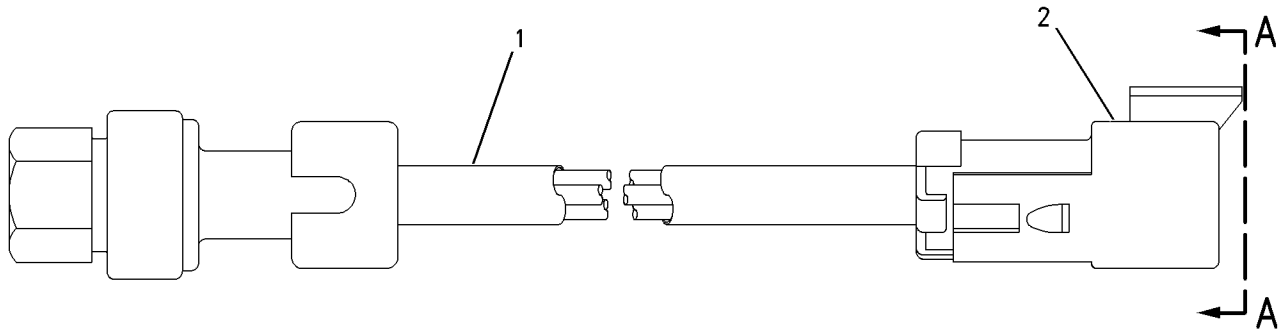
PART OF 199-7734 SENSOR GP-ENGINE
ALSO AN ATTACHMENT

SMCS-1408

i01682010

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
BE	1	1	9X-1813		SLEEVE (34 CM)						
	2	1	102-8803	1	KIT-RECEPTACLE (3 PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
	3	1	180-9339	3	PIN-CONNECTOR (FOR 14 GAUGE WIRE)						
	4	1	3E-3371	1	WEDGE-RECEPTACLE LOCK (3 PIN)						

B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER



VIEW A-A

GRAPHIC #1

<END>

g00865974

ELECTRICAL AND STARTING SYSTEM

194-6725 SENSOR GP - PRESSURE-FUEL/ENGINE OIL

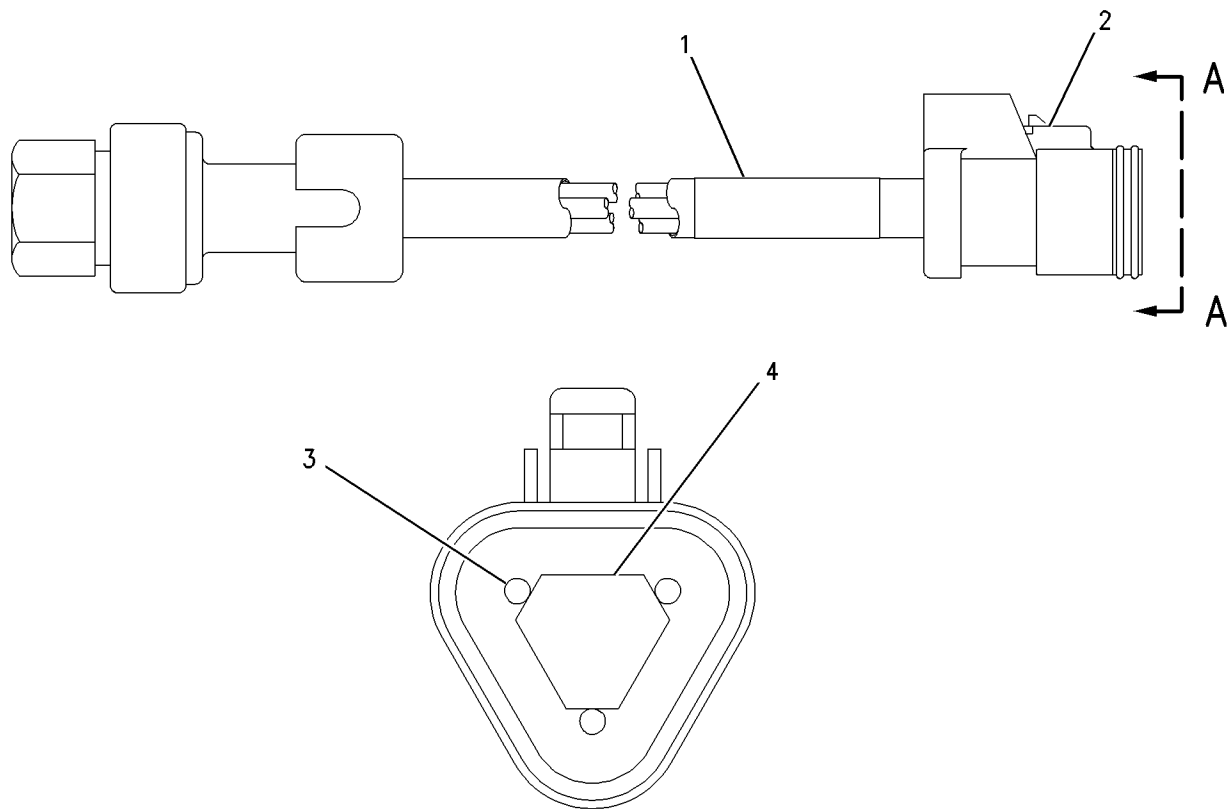
S/N: BMA1100-UP
PART OF 199-7734 SENSOR GP-ENGINE
ALSO AN ATTACHMENT

SMCS-1408

i01681907

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
BE	1	1	9X-1813		SLEEVE (34 CM)						
	2	1	155-2260	1	KIT-CONNECTING PLUG (3 PIN) (INCLUDES PLUG AS AND WEDGE)						
	3	1	180-9340	3	SOCKET-CONNECTOR						
	4	1	3E-3368	1	WEDGE-PLUG LOCK						

B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER



VIEW A-A

GRAPHIC #1

<END>

g00851220

ELECTRICAL AND STARTING SYSTEM

194-6726 SENSOR GP-PRESSURE-INJECTION ACTUATION

S/N: BMA1100-UP

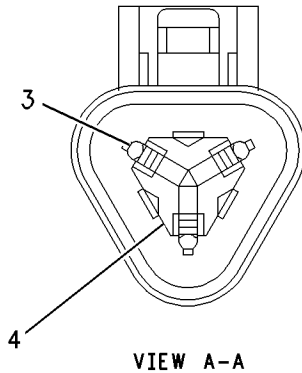
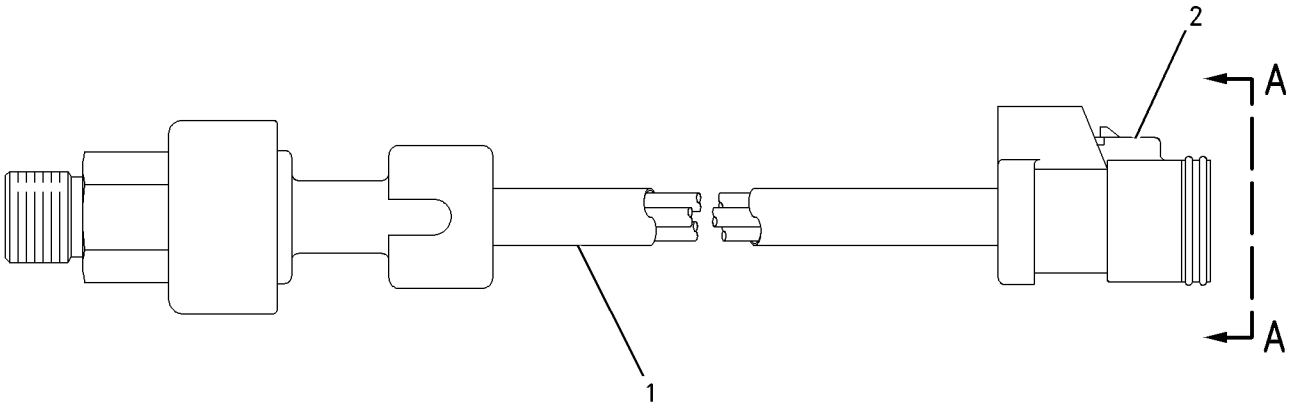
PART OF 199-7734 SENSOR GP-ENGINE
ALSO AN ATTACHMENT

SMCS-1408

i01694644

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
E	1	1	9X-1813		SLEEVE (34 CM)						
	2	1	155-2260	1	KIT-CONNECTING PLUG (3 PIN) (INCLUDES PLUG AS & WEDGE)						
	3	1	180-9340	3	SOCKET-CONNECTOR (FOR 16-18 GA WIRE)						
	4	1	3E-3368	1	WEDGE-PLUG LOCK						

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g00851235

ELECTRICAL AND STARTING SYSTEM

119-4142 SENSOR GP-SPEED-ENGINE TIMING

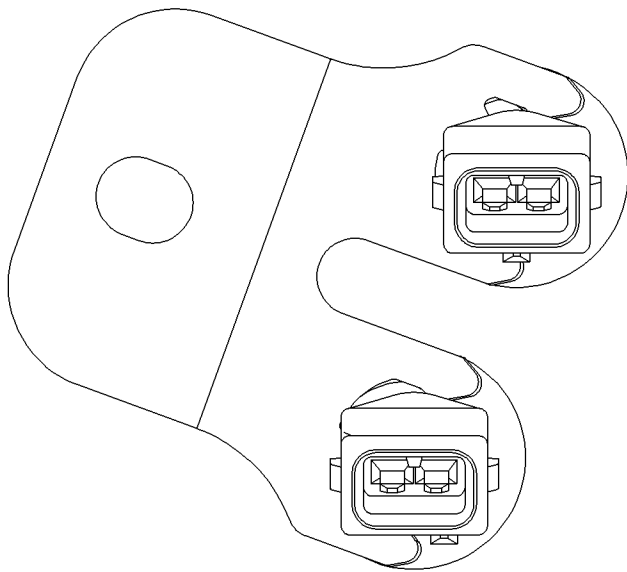
S/N: BMA1100-UP

FIELD REPLACEMENT FOR 169-3300-PAGE 163

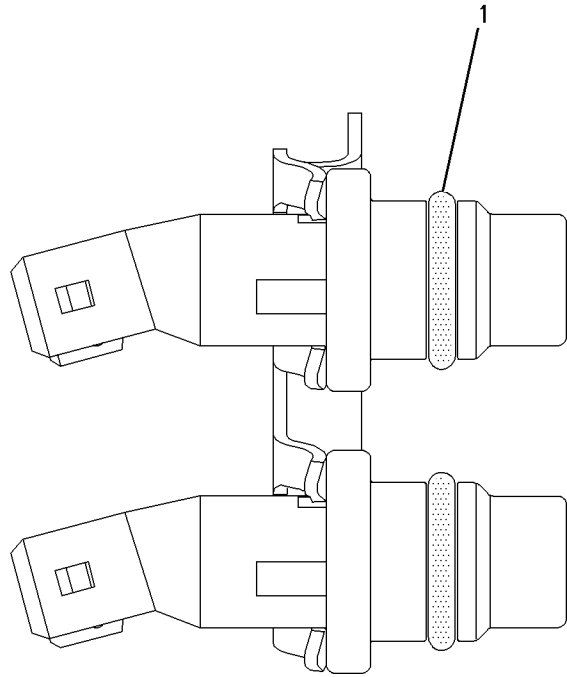
SMCS-1408

i01633524

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	117-1385	2	SEAL-O-RING						



FRONT VIEW



LEFT SIDE VIEW

GRAPHIC #1

<END>

g00825060

ELECTRICAL AND STARTING SYSTEM

169-3300 SENSOR GP - SPEED-ENGINE TIMING

S/N: BMA1100-UP

PART OF 199-7734 SENSOR GP-ENGINE

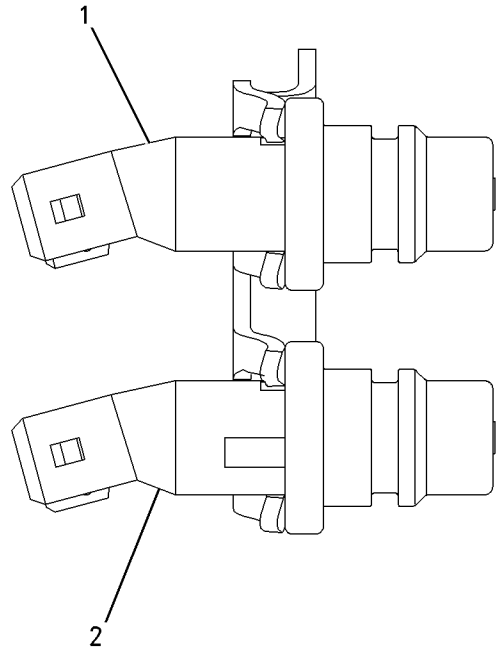
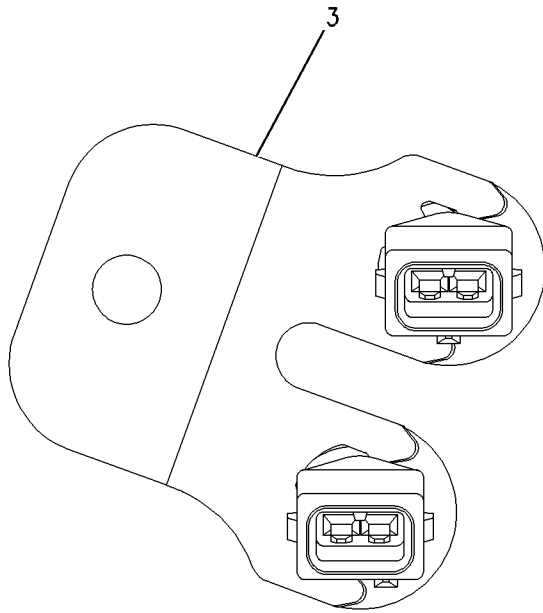
FIELD REPLACEMENT ORDER 119-4142-PAGE 162

ALSO AN ATTACHMENT

SMCS-1408

i01850940

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	109-7194	1	PICKUP AS-MAGNETIC (LOW SPEED/TIMING)						
	2	1	109-7195	1	PICKUP AS-MAGNETIC (HIGH SPEED/TIMING)						
	3	1	137-8752	1	BRACKET						



GRAPHIC #1

<END>

g00673510

ELECTRICAL AND STARTING SYSTEM

189-5746 SENSOR GP-SPEED-ENGINE

S/N: CCK1-UP

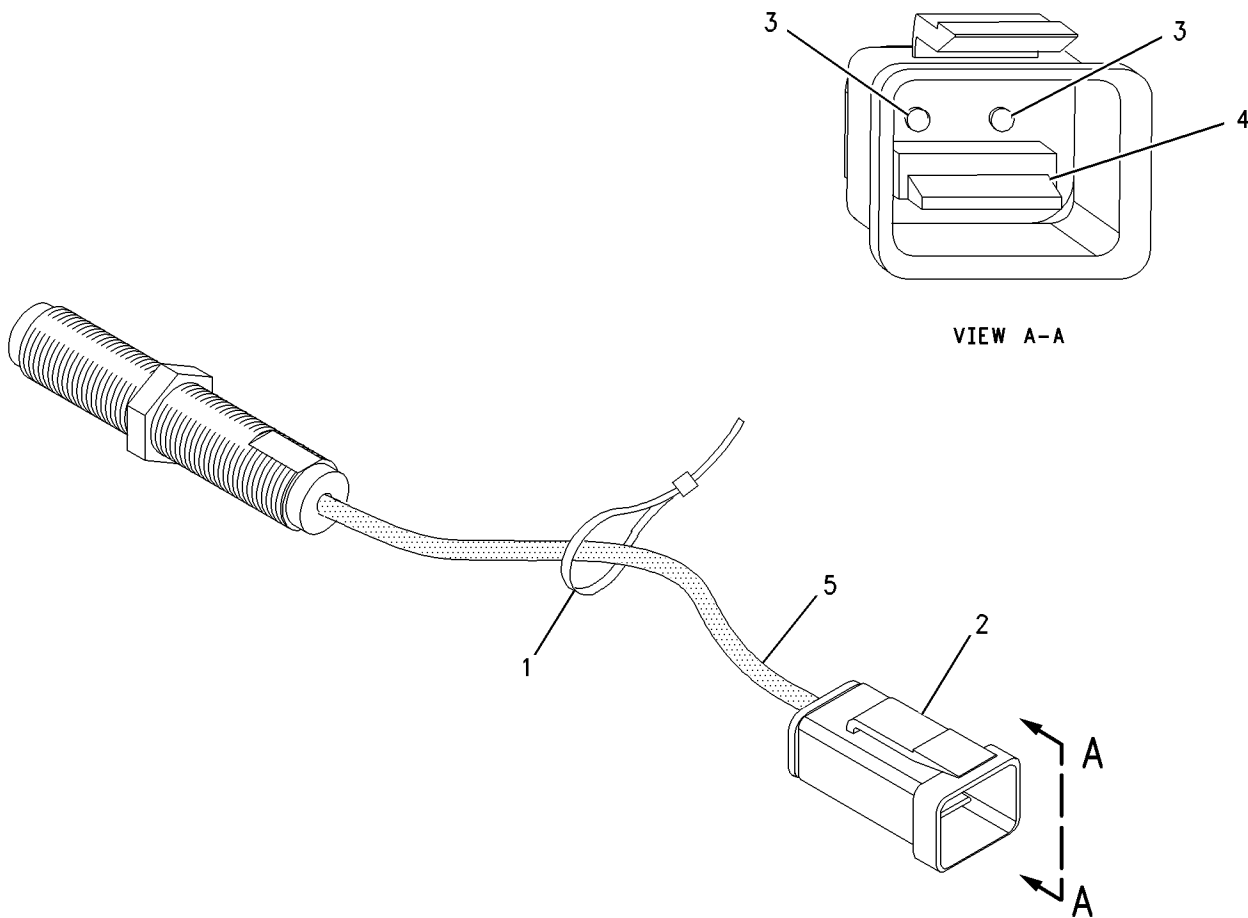
PART OF 157-3458 WIRING GP-ENGINE

SMCS-1408

i01898173

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	171-5349	1	STRAP-MARKER						
	2	1	102-8802	1	KIT-RECEPTACLE (2 PIN) (INCLUDES WEDGE AND RECEPTACLE ASSEMBLY)						
	3	1	186-3735	2	PIN-CONNECTOR						
	4	1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2 PIN)						
E	5	1	9X-1386		SLEEVE (14CM)						

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g00837278

ELECTRICAL AND STARTING SYSTEM

193-2550 SENSOR GP - SPEED-TRANSMISSION

S/N: BJK1-UP; CCK1-UP

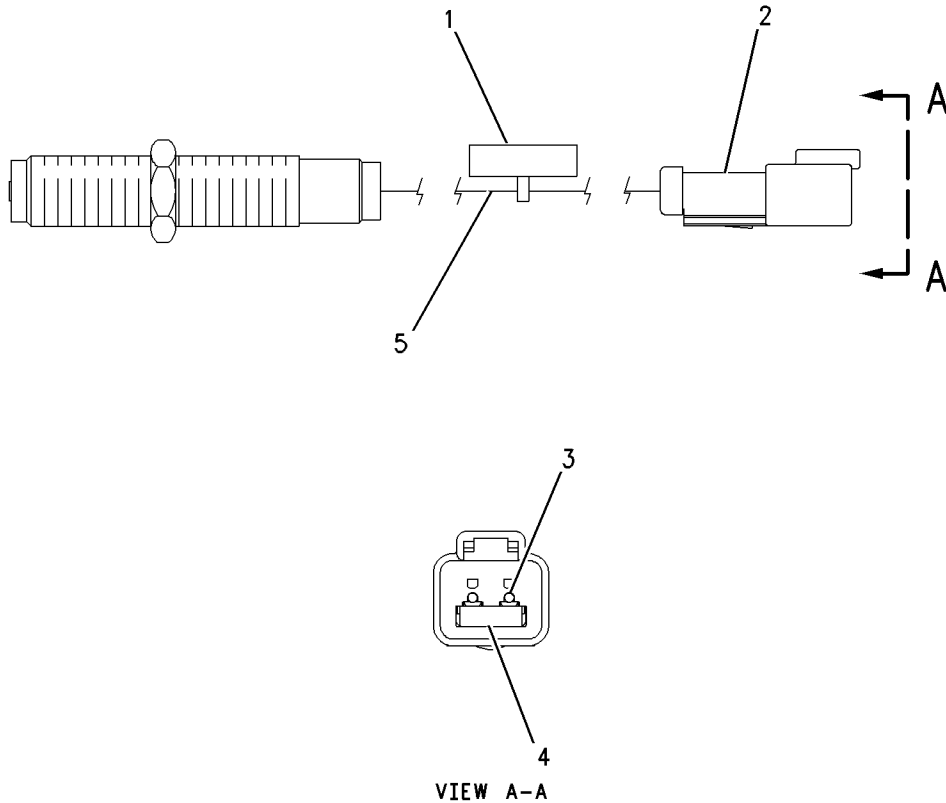
PART OF 203-2296 PLANETARY GP-TRANSMISSION, 157-3458 WIRING GP-ENGINE

SMCS-1408

i01479454

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

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g00690327

ELECTRICAL AND STARTING SYSTEM

118-7226 SENSOR GP - TEMPERATURE-TRANSMISSION

S/N: CCK1-UP

8 VOLT. PULSE WIDTH MODULATION

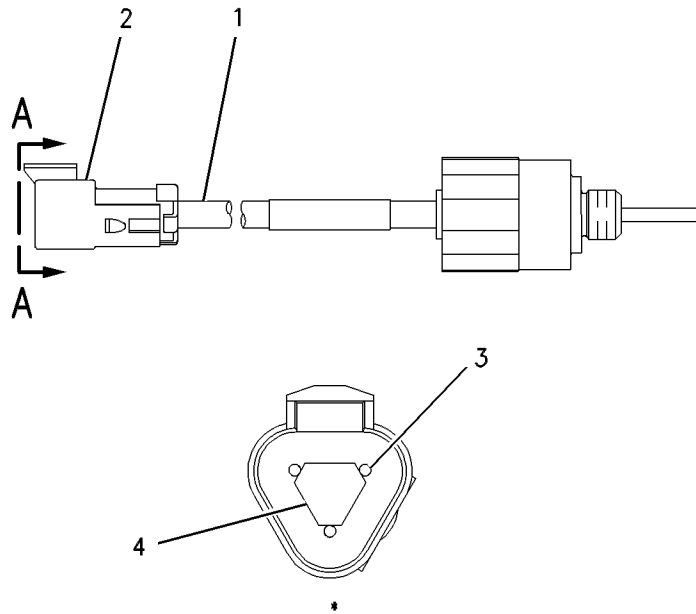
PART OF 192-9081 BATTERY & WIRING GP

SMCS-1408, 1906, 1921, 1922, 7400

i01147923

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

B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g00609258

ELECTRICAL AND STARTING SYSTEM

145-7028 SENSOR GP-TEMPERATURE-HYDRAULIC OIL- POWER TRAIN OIL

S/N: CCK1-UP

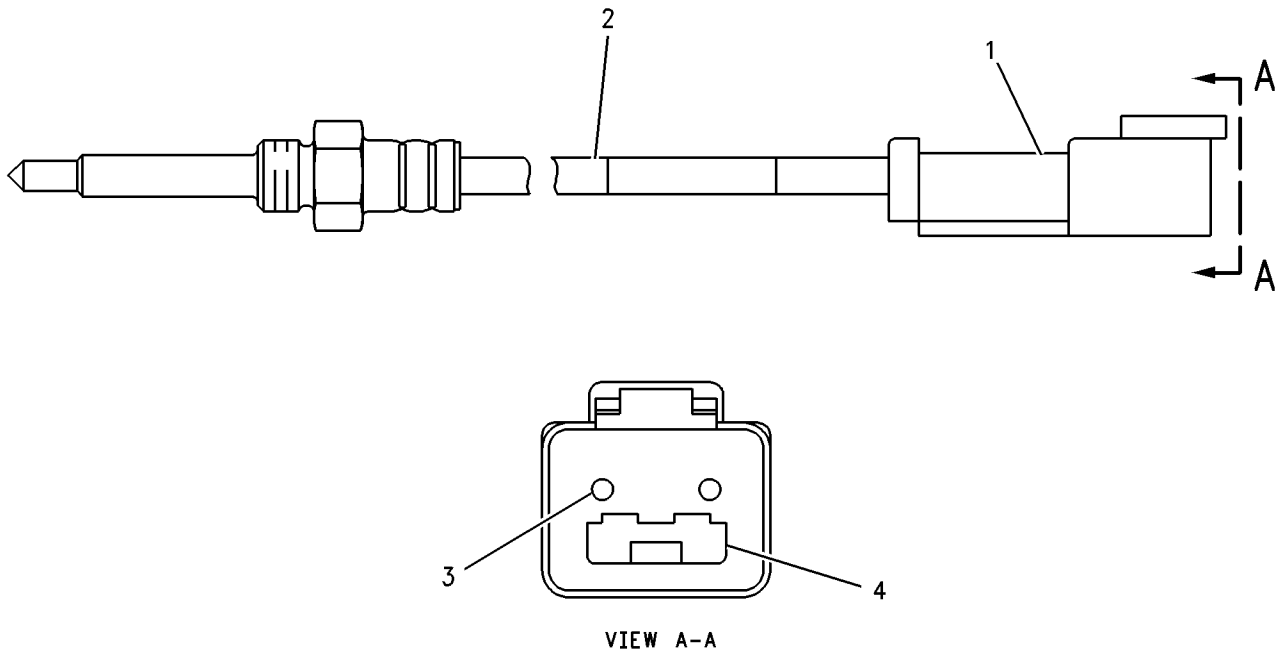
PART OF 174-4485 TANK & FILTER GP-HYDRAULIC, 157-3458 WIRING GP-ENGINE

SMCS-1408, 1906, 1921, 1922, 7400

i01828633

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	102-8802	1	KIT-RECEPTACLE (2 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
BJ	2	1	153-5043		SLEEVE						
	3	1	8T-8729	2	PIN-CONNECTOR						
	4	1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2 PIN)						

B-USE AS REQUIRED
J-ORDER BY THE DECIMETER



GRAPHIC #1

<END>

g00917620

ELECTRICAL AND STARTING SYSTEM

191-6587 SENSOR GP-TEMPERATURE-ENGINE OIL

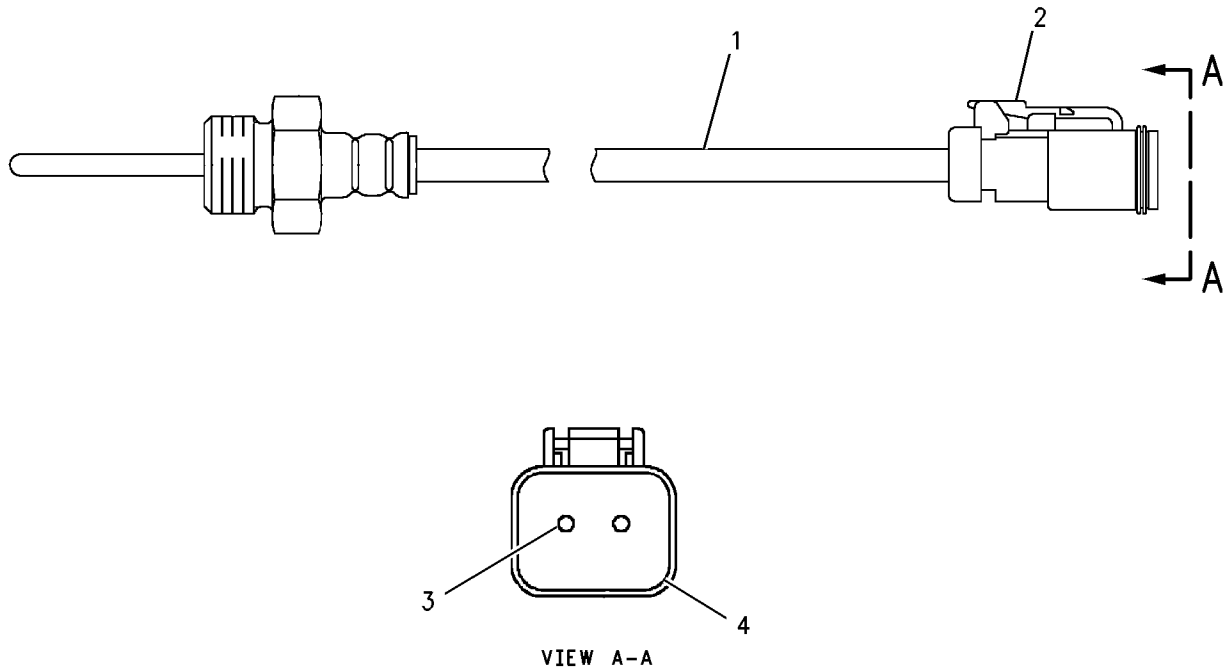
S/N: BMA1100-UP
PART OF 199-7734 SENSOR GP-ENGINE
ALSO AN ATTACHMENT

SMCS-1408, 1906, 1921, 1922, 7400

i01872179

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
J	1	1	153-5043		SLEEVE (1.3DM)						
	2	1	155-2270	1	KIT-CONNECTING PLUG (2 PIN) (INCLUDES PLUG AS & WEDGE)						
	3	1	194-5226	2	HARNESS AS-SENSOR (16-18 GA WIRE) -OR-						
			1	194-5227	2	HARNESS AS-SENSOR (14 GA WIRE)					
	4	1	155-2261	1	WEDGE-PLUG LOCK (2 PIN)						

J-ORDER BY THE DECIMETER



GRAPHIC #1

<END>

g00865978

ELECTRICAL AND STARTING SYSTEM

231-6531 SERVICE GP-MONITOR

S/N: CCK1-UP

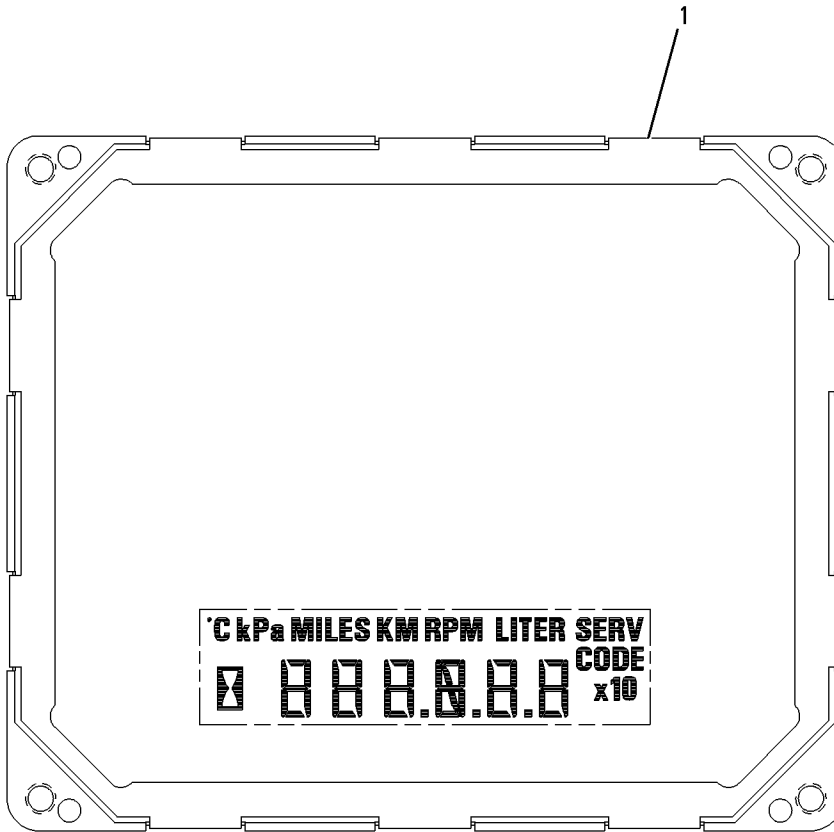
PART OF 169-3234 ELECTRONICS GP-MONITOR

SMCS-7610

i01882062

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	154-7443	1	CONTROL GP-MONITOR (CATERPILLAR MONITORING SYSTEM)						130
F			231-6530	1	SOFTWARE GP-MONITOR						

F - NOT SHOWN
Y - SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00942882

ELECTRICAL AND STARTING SYSTEM

226-6114 SERVICE GP-POWER TRAIN

S/N: CCK1-UP

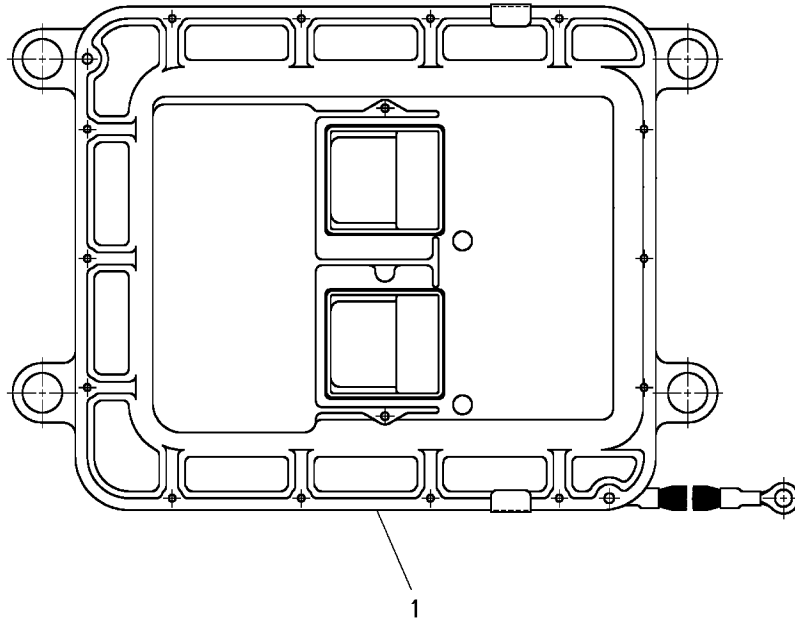
PART OF 166-6269 ELECTRONICS GP-POWER TRAIN

SMCS-7610

i01834862

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	172-9389	1	CONTROL GP-UNPROGRAMMED	132
F		1	226-6113	1	SOFTWARE GP-POWER TRAIN	

F - NOT SHOWN
Y - SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00925946

ELECTRICAL AND STARTING SYSTEM

145-5157 STARTING MOTOR GP-ELECTRIC

S/N: BMA1100-UP

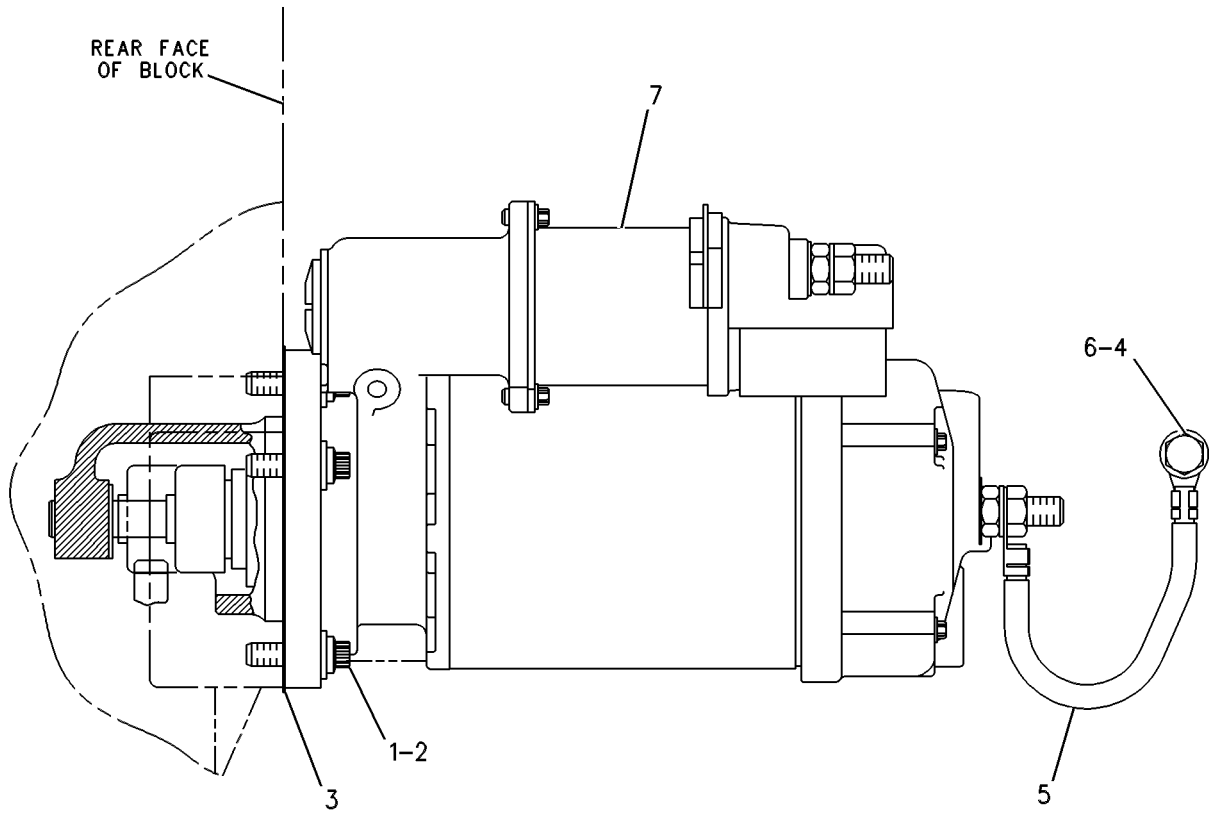
PART OF 191-4479, 191-4481 ENGINE AR-COMPLETE
ALSO AN ATTACHMENT

SMCS-1453, 1454, 1465

i01664436

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	108-7808	3	BOLT (M10X1.5X35MM)						
	2	1	6V-5839	3	WASHER (11X21X2.5MM THK)						
	3	1	3K-3257	1	GASKET						
M	4	1	8T-4191	1	BOLT (M10X1.5X16MM)						
	5	1	8Y-9603	1	CABLE AS-STARTING						
		1	1S-7251	1	TERMINAL-RING (FOR 1/2 IN BOLT)						
		1	1S-7252	1	TERMINAL-RING (FOR 3/8 IN BOLT)						
E		1	5P-0747		CABLE (00GA) (BLACK) (27.5CM)						
	6	1	8T-4121	1	WASHER-HARD (11X21X2.5MM THK)						
Y	7	1	207-1519	1	STARTING MOTOR GP-ELECTRIC						172

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



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g00329692

ELECTRICAL AND STARTING SYSTEM

207-1519 STARTING MOTOR GP-ELECTRIC

S/N: BMA1100-UP

24 VOLT

PART OF 145-5157 STARTING MOTOR GP-ELECTRIC

ALSO AN ATTACHMENT

SMCS-1453, 1454, 1465

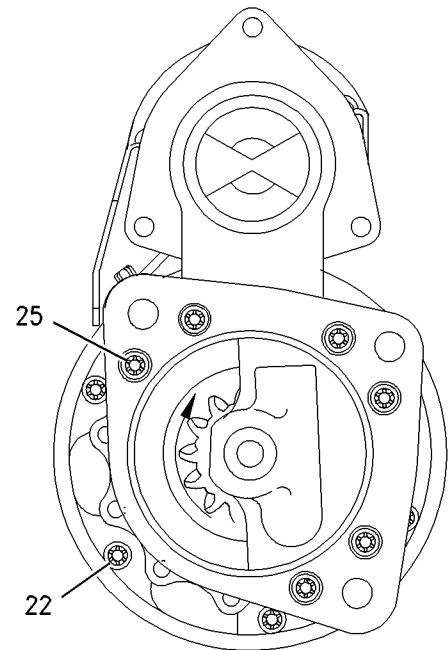
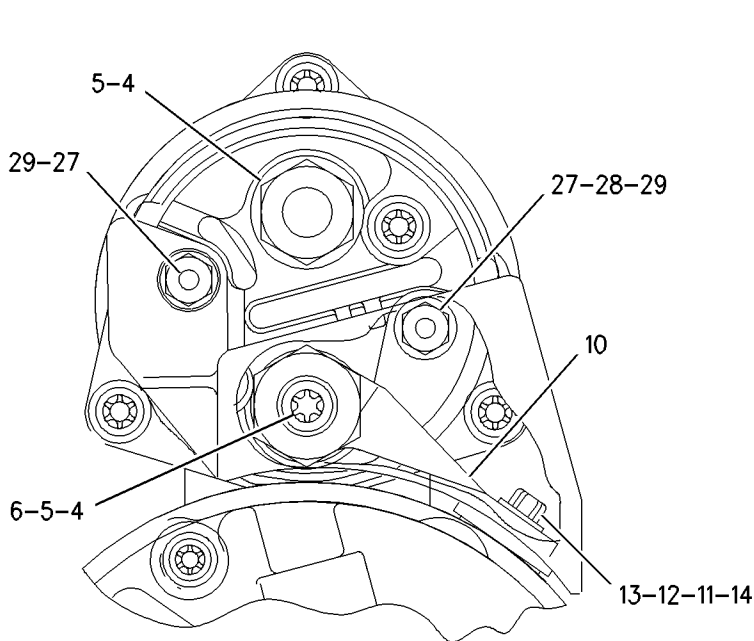
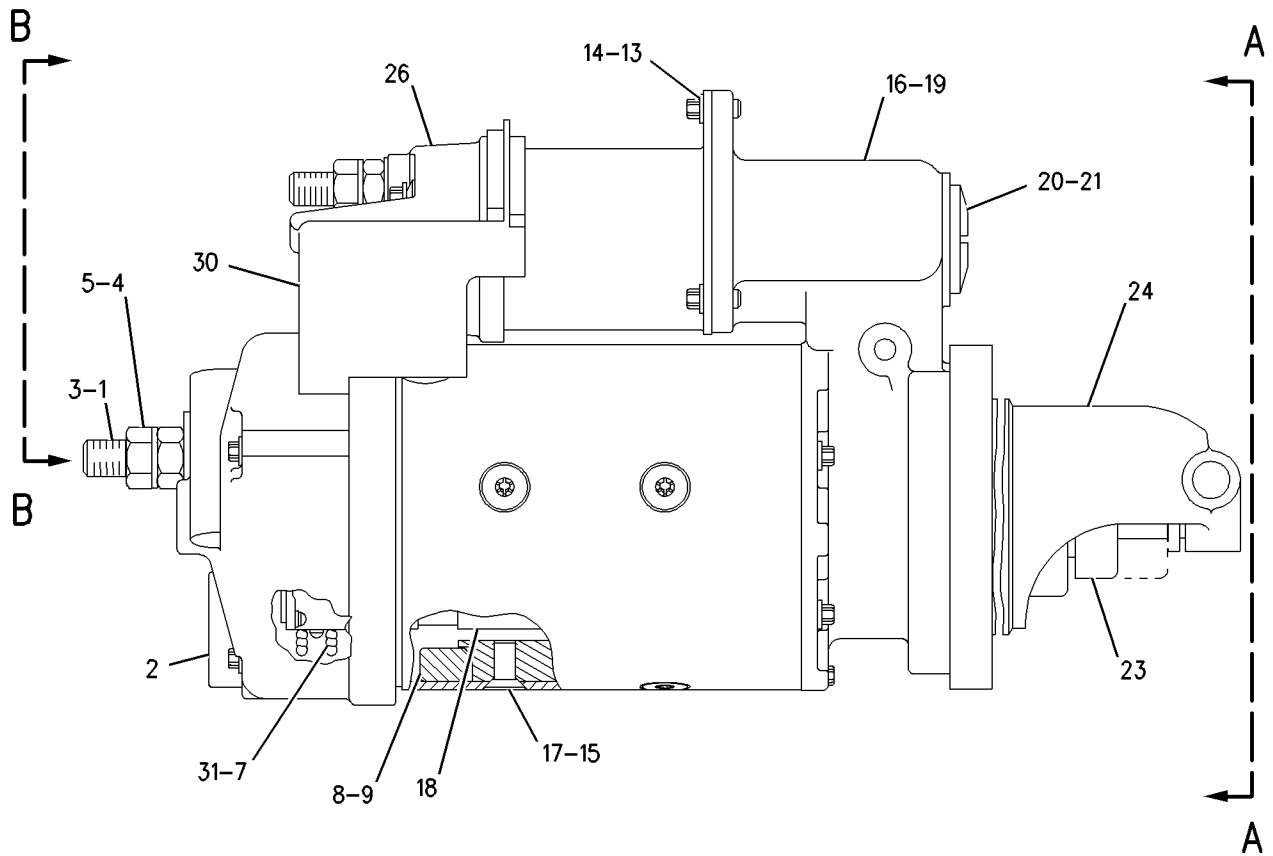
i01883300

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8T-9884	1	KIT-INSULATOR (STARTING MOTOR)						
	2	1	106-7149	1	HOUSING AS-STARTER						
	3	1	102-9863	1	TERMINAL AS-STARTER						
	4	1	6V-8188	4	NUT (1/2-13 THD)						
	5	1	7X-0562	4	WASHER-HARD (13.5X19X0.8MM THK)						
	6	1	3E-7853	1	TERMINAL-STARTING MOTOR						
	7	1	9X-4821	1	PLATE AS						
	8	1	3E-7852	1	COIL-STARTING MOTOR						
	9	1	7T-3454	1	INSULATOR						
	10	1	9X-4271	1	CONNECTOR						
	11	1	7T-3451	1	INSULATOR-TERMINAL						
	12	1	8T-8569	1	INSULATOR-TERMINAL						
	13	1	5S-7349	4	BOLT (1/4-20X0.5 IN)						
	14	1	8T-4205	4	WASHER-HARD (7.2X14.5X2MM THK)						
	15	1	7X-1950	4	SHOE-POLE						
	16	1	3E-7861	1	KIT-LEVER (STARTING MOTOR)						
					(INCLUDES LEVER AS, GASKET, SHAFT AS, NUT, RING & O-RINGS)						
	17	1	3F-0379	8	SCREW-POLE SHOE (3/8-24 THD)						
	18	1	3E-7855	1	ARMATURE AS-STARTER (24 VOLT)						
	19	1	145-2415	1	HOUSING AS-LEVER						
	20	1	4M-1831	1	PLUG-LEVER HOUSING						
	21	1	7L-2894	1	GASKET						
	22	1	036-9823	5	BOLT						
	23	1	3E-7857	1	DRIVE AS-STARTING MOTOR						
	24	1	3E-7858	1	HOUSING AS-STARTER						
	25	1	7X-3373	6	BOLT (5/16-18X0.88 IN)						
	26	1	206-8784	1	KIT-SOLENOID (STARTING MOTOR)						
	27	1	6V-8378	2	NUT (10-32 THD)						
	28	1	8F-1434	1	LOCKWASHER						
	29	1	8T-0328	2	WASHER-HARD (5.5X10X1MM THK)						
	30	1	9X-4824	1	COVER-STARTING MOTOR						
	31	1	9X-4825	1	KIT-BRUSH (STARTER) (MOTOR)						
					(INCLUDES SCREW AS, O-RING, SCREWS, BRUSHES & SPRINGS)						
					AVAILABLE REPAIR KIT(S) :						
			3E-7860	1	KIT-BUSHING (STARTING MOTOR)						
					(INCLUDES SEAL, NUT, GASKET, SPACER, SCREW AS, CUPS, BUSHINGS, WASHERS, O-RINGS & PLUGS)						

ELECTRICAL AND STARTING SYSTEM

207-1519 STARTING MOTOR GP-ELECTRIC (contd.)

i01883300



GRAPHIC #1

<END>

g00847040

ELECTRICAL AND STARTING SYSTEM

158-6632 SWITCH AS-HORN

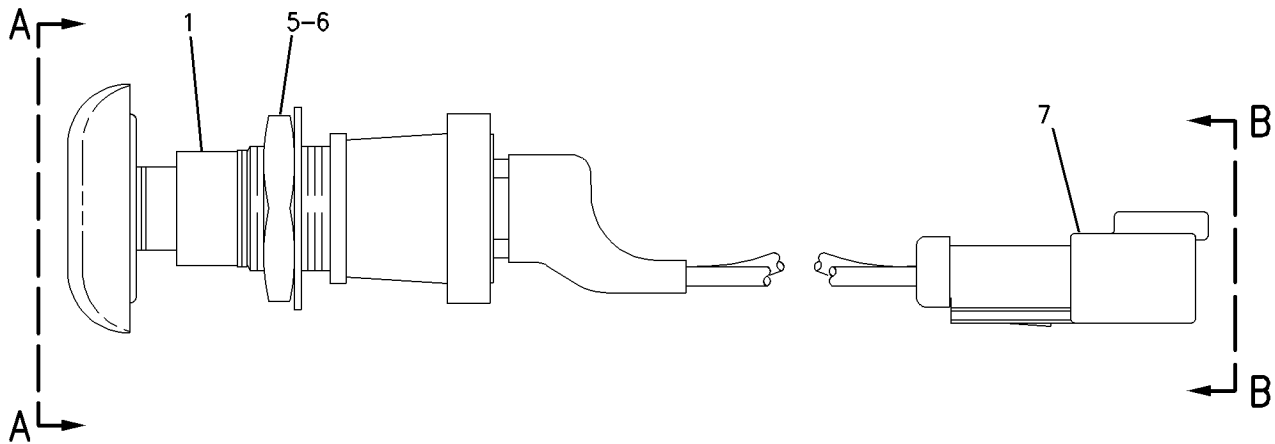
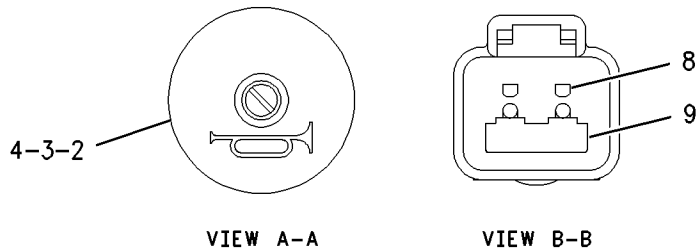
S/N: CCK1-UP

PART OF 177-3860 COVER GP-CONSOLE, 218-3137 MOUNTING GP-PLATFORM
ALSO AN ATTACHMENT

SMCS-7402

i01837970

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-0199	1	BOOT-SWITCH						
	2	1	7T-9515	1	KNOB-HORN						
	3	1	5L-7200	1	SCREW (8-32X0.375 IN)						
	4	1	3B-4501	1	LOCKWASHER						
	5	1	6V-8370	1	NUT-HEX (3/4-32 THD)						
	6	1	2H-3922	1	LOCKWASHER						
	7	1	102-8802	1	KIT-RECEPTACLE (2 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	8	1	9X-3401	2	PIN-CONNECTOR						
	9	1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2 PIN)						



GRAPHIC #1

<END>

g00942674

ELECTRICAL AND STARTING SYSTEM

164-7577 SWITCH GP - BYPASS - POWER TRAIN FILTER

S/N: CCK1-UP

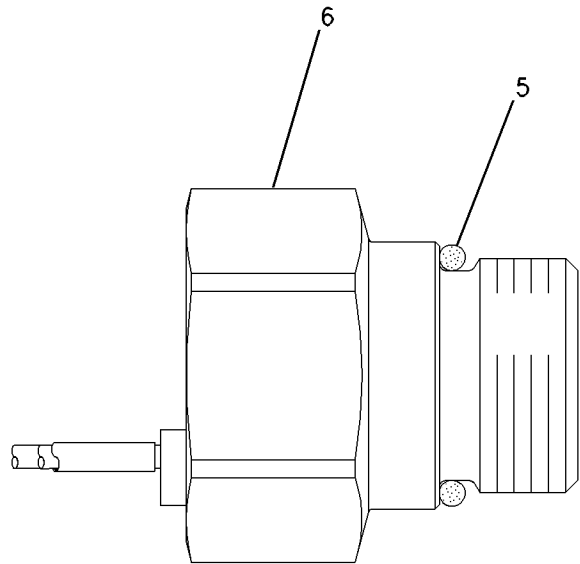
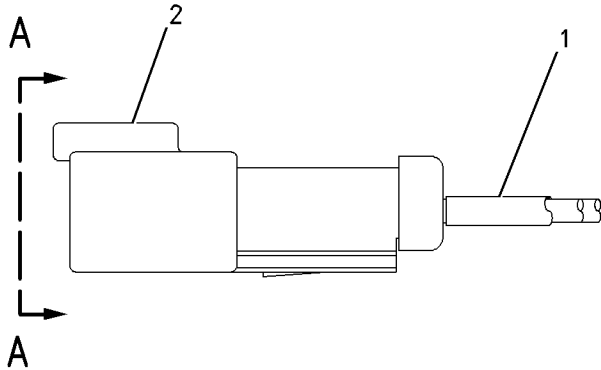
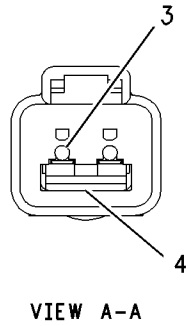
PART OF 192-9081 BATTERY & WIRING GP

SMCS-1408

i01431493

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
BE	1	1	9X-1813		SLEEVE						
	2	1	102-8802	1	KIT-RECEPTACLE (2 PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
	3	1	186-3735	2	PIN-CONNECTOR						
	4	1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2 PIN)						
	5	1	3D-2824	1	SEAL-O-RING (23.47MM ID)						
	Z	6	1		1	SWITCH AS					

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



GRAPHIC #1

<END>

g00750019

ELECTRICAL AND STARTING SYSTEM

7N-0718 SWITCH GP-DISCONNECT-BATTERY

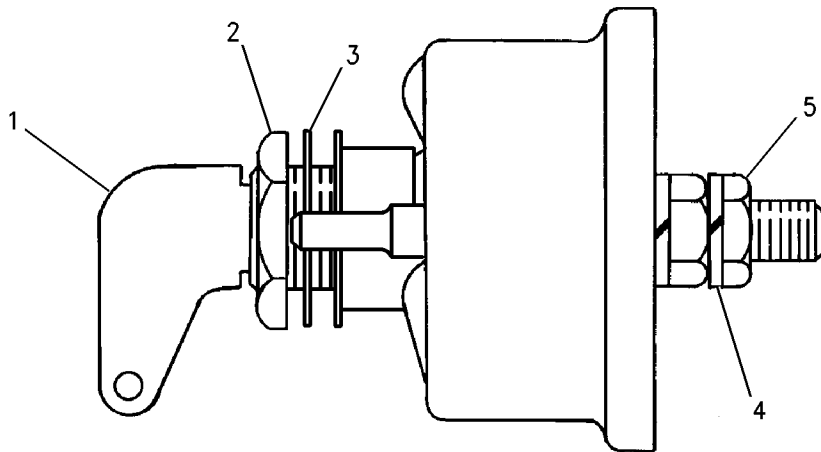
S/N: CCK1-UP

PART OF 192-9081 BATTERY & WIRING GP

SMCS-1411

i01810002

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



GRAPHIC #1

<END>

g00715584

ELECTRICAL AND STARTING SYSTEM

125-1302 SWITCH GP-MAGNETIC-START RELAY

S/N: CCK1-UP

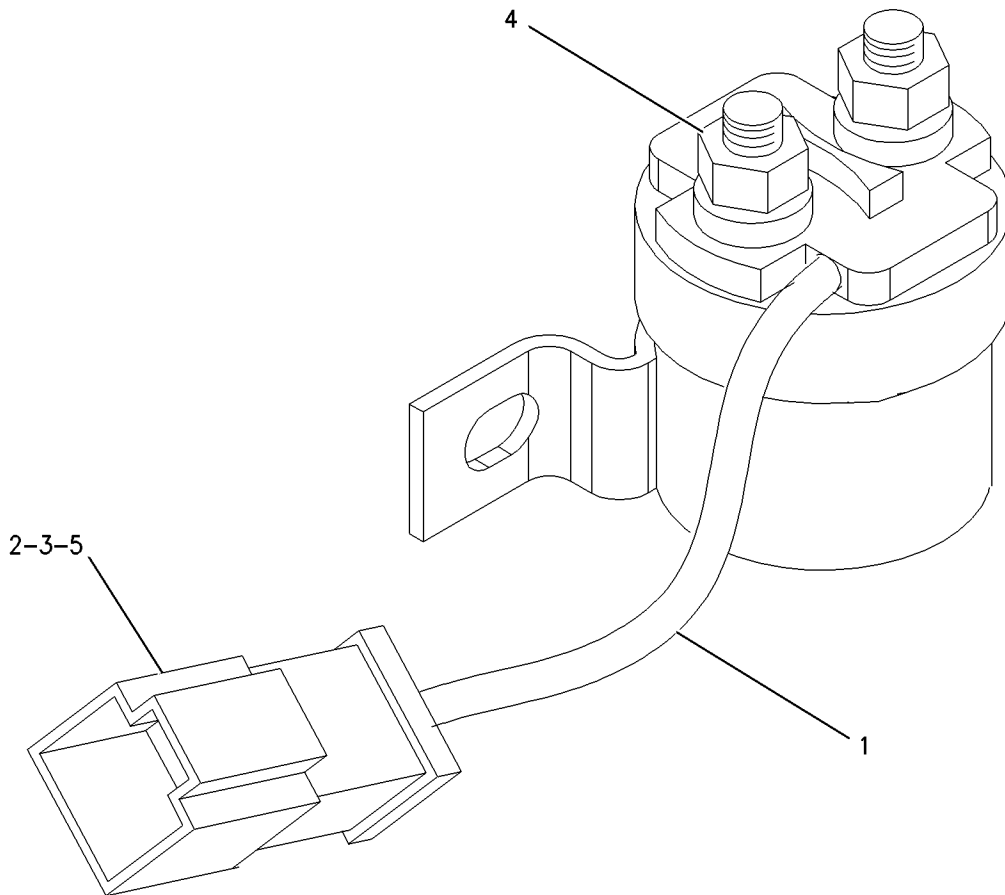
PART OF 156-8378 PANEL GP-CIRCUIT BREAKER
ALSO AN ATTACHMENT

SMCS-7499

i01808067

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
BE	1	1	9X-1813		SLEEVE						
	2	1	102-8802	1	KIT-RECEPTACLE (2 PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
	3	1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2 PIN)						
M	4	1	5C-2890	2	NUT (M6X1 THD)						
	5	1	186-3735	2	PIN-CONNECTOR						

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



GRAPHIC #1

<END>

g00893913

ELECTRICAL AND STARTING SYSTEM

167-0138 SWITCH GP - MAGNETIC - MAIN FUSE RELAY

S/N: CCK1-UP

24V

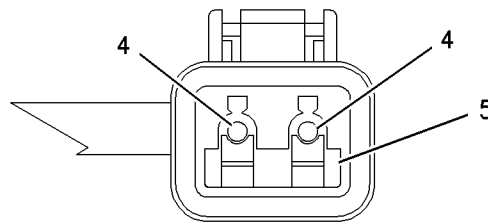
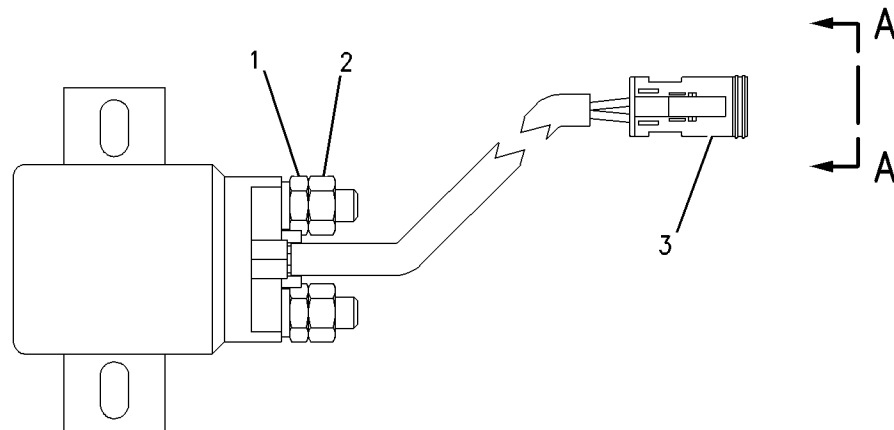
PART OF 156-8378 PANEL GP - CIRCUIT BREAKER

ALSO AN ATTACHMENT

SMCS-7499

i01589032

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4F-2294	2	NUT-JAM (5/16-24 THD)						
	2	1	6V-8186	2	NUT-FULL (5/16-24 THD)						
	3	1	155-2270	1	KIT-CONNECTING PLUG (2 PIN) (MAIN POWER RELAY SWITCH)						
	4	1	8T-8730	2	SOCKET-CONNECTOR						
	5	1	155-2261	1	WEDGE-PLUG LOCK (2 PIN)						



VIEW A-A

GRAPHIC #1

<END>

g00823979

ELECTRICAL AND STARTING SYSTEM

175-2324 SWITCH GP-MAGNETIC-AIR INLET HEATER

S/N: BMA1100-UP

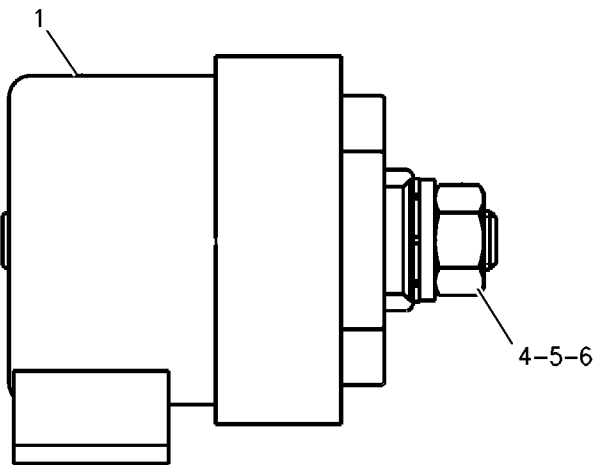
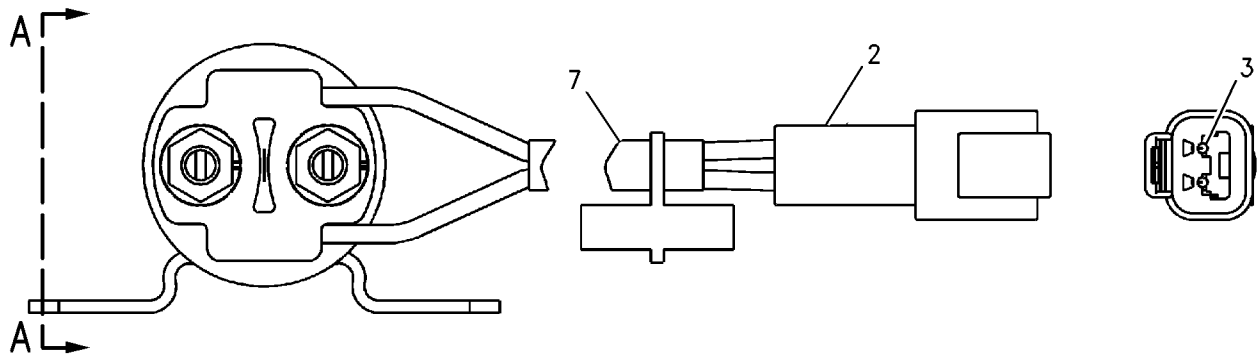
PART OF 191-0083 WIRING GP-HEATER
ALSO AN ATTACHMENT

SMCS-7499

i01891520

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3E-7277	1	SWITCH AS-MAGNETIC (AIR INLET HEAT)						
	2	1	102-8802	1	KIT-RECEPTACLE (2 PIN) (INCLUDES RECEPTACLE AS AND WEDGE)						
	3	1	186-3735	2	PIN-CONNECTOR						
	4	1	1H-3338	2	LOCKWASHER						
	5	1	012-0380	2	LOCKWASHER						
M	6	1	5C-2890	2	NUT (M6X1 THD)						
E	7	1	9X-1813		SLEEVE (16CM)						

E-ORDER BY THE CENTIMETER
M-METRIC PART



VIEW A-A

GRAPHIC #1

<END>

g00985960

ELECTRICAL AND STARTING SYSTEM

231-0530 WARNING GP - BACKUP - EUROPEAN MARKET

S/N: CCK1-UP

PART OF 169-4912 SUPPRESSION AR-SOUND
AN ATTACHMENT

SMCS-7406

i01877418

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	220-0230	1	WARNING GP - BACKUP						
	102-8802	1	KIT-RECEPTACLE (2 PIN)						
	3E-3365	1	WEDGE-RECEPTACLE LOCK (2 PIN)						
	6A-3361	4	WIRE-ELECTRICAL (16 GA)						
	8T-8729	2	PIN-CONNECTOR						
	9X-1813	31	SLEEVE						

<END>

ELECTRICAL AND STARTING SYSTEM

228-5786 WIRING GP-ELECTRONIC CONT.-UNIT INJECTOR

S/N: BMA1100-UP

PART OF 191-4479, 191-4481 ENGINE AR-COMPLETE

ALSO AN ATTACHMENT

SMCS-1408

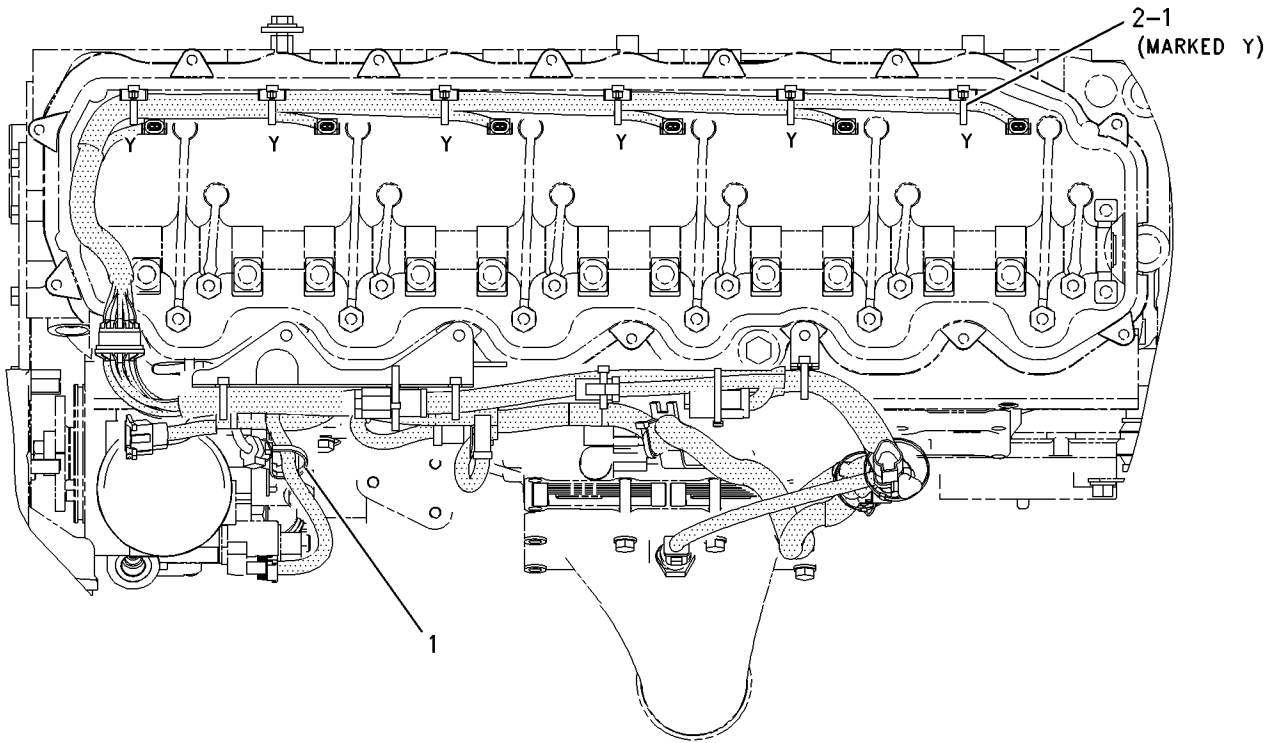
i01802322

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	20	STRAP-CABLE						
	2	1	105-1797	6	MOUNT						
	3	1	153-8920	1	HARNESS AS-ENGINE (UNIT INJECTOR)						
		1	155-2255	1	KIT-CONNECTING PLUG (12 PIN) (INCLUDES PLUG AS AND WEDGE)						
	4	1	195-7336	1	HARNESS AS-ENGINE (ELECTRONIC CONTROL)						
		1	102-8802	1	KIT-RECEPTACLE (2 PIN) (INCLUDES RECEPTACLE AS AND WEDGE)						
		1	102-8802	2	KIT-RECEPTACLE (2 PIN) (INCLUDES RECEPTACLE AS AND WEDGE)						
		1	102-8803	4	KIT-RECEPTACLE (3 PIN) (INCLUDES RECEPTACLE AS AND WEDGE)						
		1	102-8801	1	KIT-RECEPTACLE (12 PIN) (INCLUDES RECEPTACLE AS AND WEDGE)						
		1	100-3320	1	PLUG AS-CONNECTOR (2 PIN)						
		1	111-2416	1	PLUG AS-CONNECTOR (2 PIN)						
		1	155-2260	1	KIT-CONNECTING PLUG (3 PIN) (INCLUDES PLUG AS AND WEDGE)						
		1	155-2270	4	KIT-CONNECTING PLUG (2 PIN) (INCLUDES PLUG AS AND WEDGE)						
		1	160-7690	1	PLUG AS-CONNECTOR (70 PIN)						
	5	1	227-1216	1	BRACKET						
	6	1	156-6175	1	CLIP						
	7	1	4P-8134	1	CLIP						

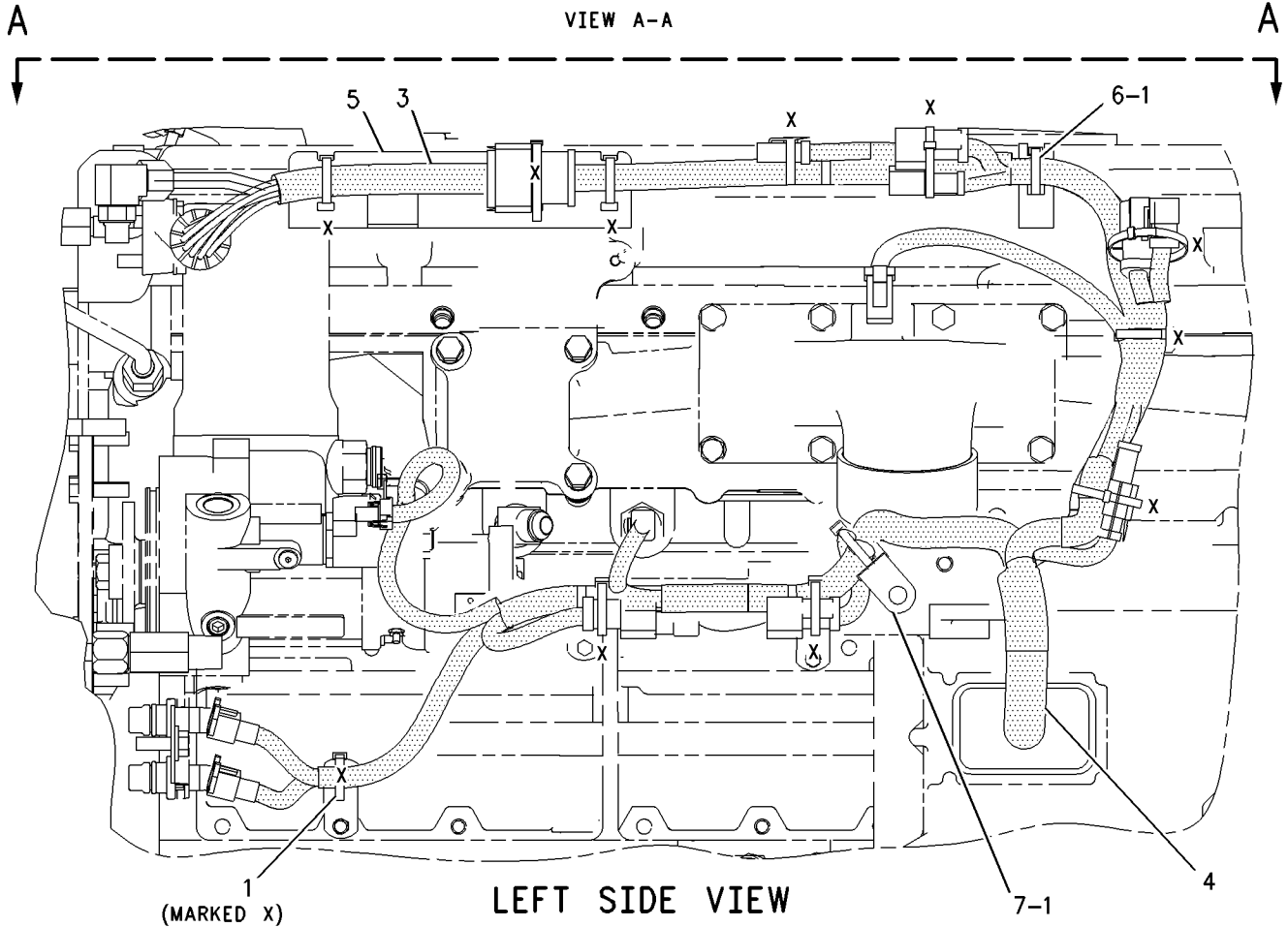
ELECTRICAL AND STARTING SYSTEM

228-5786 WIRING GP (contd.)

i01802322



VIEW A-A



LEFT SIDE VIEW

GRAPHIC #1

<END>

g00924331

ELECTRICAL AND STARTING SYSTEM

157-3458 WIRING GP - ENGINE

S/N: CCK1-UP

PART OF 189-4624 ELECTRONICS AR-MACHINE

SMCS-1403, 1408

i01885452

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	1	1	3V-0778	1	BRACKET	
	2	1	7K-1181	28	STRAP-CABLE	
	3	1	116-0118	1	CLIP	
	4	1	121-2844	1	HARNES AS (CRANK WITHOUT INJECTION)	
		1	102-8803	2	KIT-RECEPTACLE (3 PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
		1	155-2260	1	KIT-CONNECTING PLUG (3 PIN) (INCLUDES PLUG AS, WEDGE AND INTERFACE SEAL)	
		1	8T-8737	5	PLUG-SEAL	
	5	1	141-3983	1	SPACER (11X19X48MM THK)	
Y	6	1	145-7028	1	SENSOR GP-TEMPERATURE (POWER TRAIN OIL)	167
	7	1	164-3651	1	ADAPTER	
M	8	1	176-9237	1	STUD	
Y	9	1	193-2550	1	SENSOR GP-SPEED (TRANSMISSION)	165
	10	1	195-3783	1	PLATE AS	
		1	6V-6716	8	RIVET-TRUSS HEAD	
		1	7C-2642	3	CLIP	
M		1	8T-3612	1	NUT-WELD (M8X1.25 THD)	
		1	109-1645	1	CLIP	
	11	1	195-7900	1	WIRE AS	
	12	1	230-2204	1	SPACER	
	13	1	231-5849	1	HARNES AS (ENGINE)	
		1	102-8802	3	KIT-RECEPTACLE (2 PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
		1	102-8803	1	KIT-RECEPTACLE (3 PIN) (INCLUDES RECEPTACLE AS AND WEDGE)	
		1	8T-8737	70	PLUG-SEAL	
		1	113-0580	1	RECEPTACLE AS (40 PIN)	
		1	106-4155	1	KIT-BOLT (ENGINE HARNES RETAINING) (INCLUDES BOLT, RING, AND SEAL)	
		1	3S-2093	2	STRAP-CABLE	
		1	8T-8827	1	BOOT	
		1	9X-6932	1	BOOT-TERMINAL	
		1	126-1774	1	COVER	
		1	127-5483	1	PLUG AS-CONNECTOR (1 PIN)	
		1	127-5484	1	RECEPTACLE AS (1 PIN)	
		1	127-5486	1	RECEPTACLE AS (1 PIN)	
		1	155-2269	7	PLUG AS-CONNECTOR (2 PIN)	
		1	155-2270	1	KIT-CONNECTING PLUG (2 PIN) (INCLUDES PLUG AS AND WEDGE)	
		1	160-7689	1	PLUG AS-CONNECTOR (70 PIN)	
		1	159-9322	1	SEAL-O-RING	
M	14	1	096-5866	2	BOLT (M8X1.25X75MM)	
Y	15	1	189-5746	1	SENSOR GP-SPEED (ENGINE)	164
	16	1	1S-0994	2	CLIP	
	17	1	2Y-7337	1	SPACER	
	18	1	3E-7842	1	RESISTOR AS	
		1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2 PIN)	
		1	8T-8729	2	PIN-CONNECTOR	
	19	1	3J-1907	1	SEAL-O-RING	
	20	1	3S-8664	1	CLIP	
	21	1	4D-9517	1	CLIP	
	22	1	4P-7428	2	CLIP	
	23	1	4P-7581	10	CLIP	
	24	1	4P-8134	7	CLIP	
M	25	1	5C-7261	2	NUT (M8X1.25 THD)	

ELECTRICAL AND STARTING SYSTEM

157-3458 WIRING GP-ENGINE (contd.)

i01885452

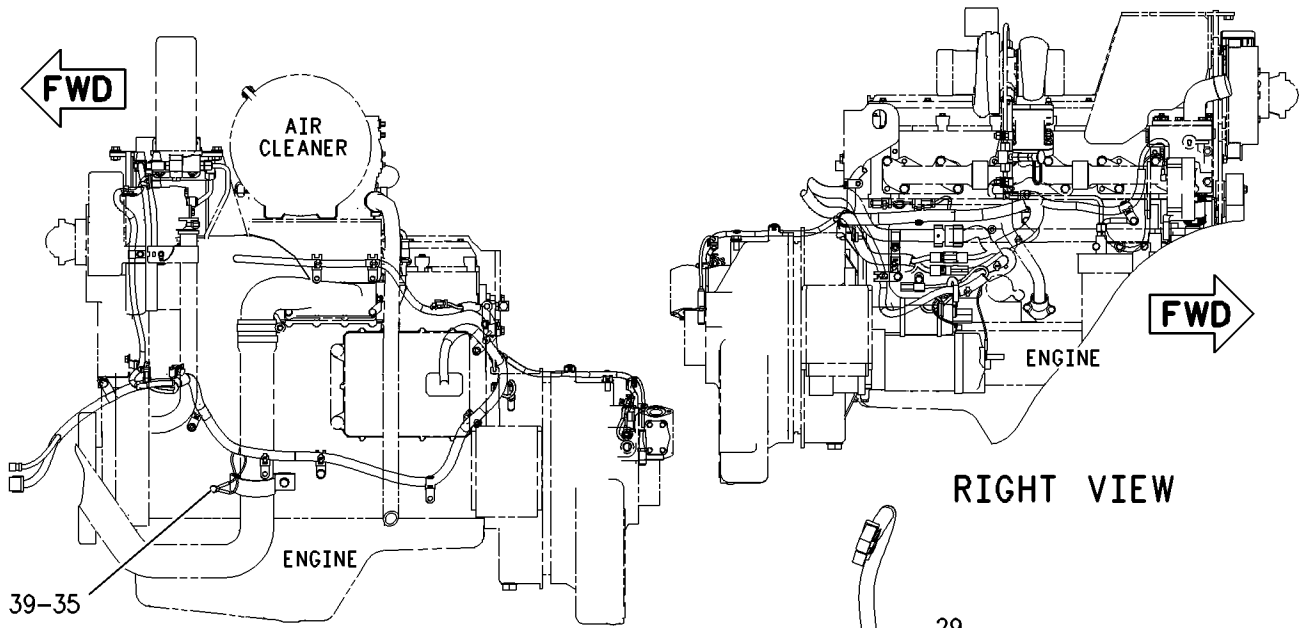
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	26	1	5P-9085	1	CLIP						
	27	1	7J-0204	1	SEAL-O-RING						
M	28	1	7X-2540	1	BOLT (M8X1.25X120MM)						
	29	1	8M-2770	1	CLIP						
	30	1	8T-4121	7	WASHER-HARD (11X21X2.5MM THK)						
M	31	1	8T-4133	3	NUT (M10X1.5 THD)						
M	32	1	8T-4136	1	BOLT (M10X1.5X25MM)						
M	33	1	8T-4137	2	BOLT (M10X1.5X20MM)						
M	34	1	8T-4177	1	BOLT (M8X1.25X90MM)						
M	35	1	8T-4189	2	BOLT (M8X1.25X20MM)						
M	36	1	8T-4192	1	BOLT (M12X1.75X25MM)						
M	37	1	8T-4200	2	BOLT (M8X1.25X16MM)						
	38	1	8T-4223	1	WASHER-HARD (13.5X25.5X3MM THK)						
	39	1	8T-4224	14	WASHER-HARD (8.8X16X2MM THK)						
M	40	1	8T-6869	1	BOLT (M8X1.25X60MM)						
	41	1	8T-7934	1	WASHER-HARD (11X21X5MM THK)						

M - METRIC PART
Y - SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

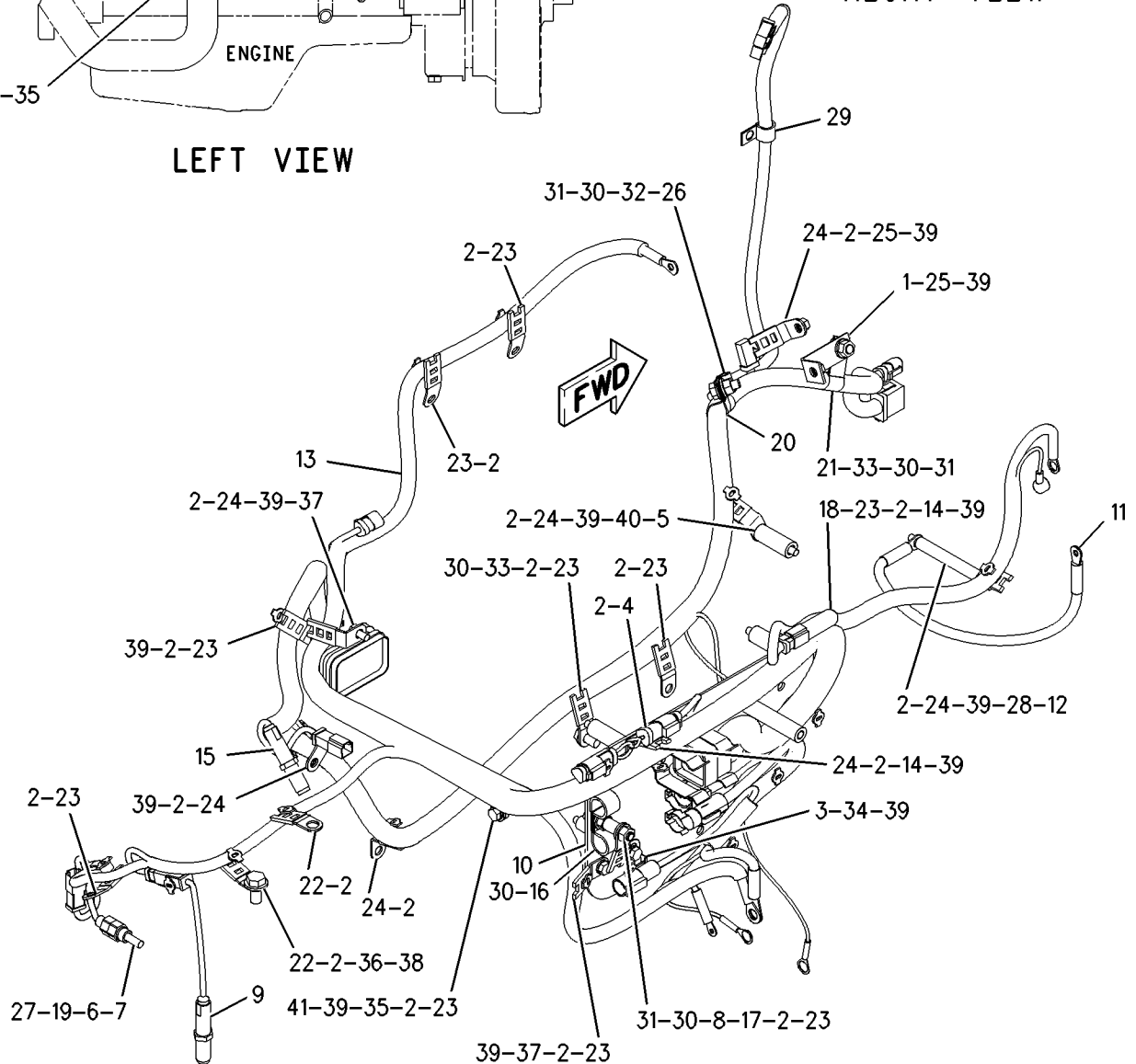
157-3458 WIRING GP-ENGINE (contd.)

i01885452



LEFT VIEW

RIGHT VIEW



GRAPHIC #1

<END>

g00974853

ELECTRICAL AND STARTING SYSTEM

191-0083 WIRING GP-HEATER-AIR INLET

S/N: BMA1100-UP

PART OF 191-4479, 191-4481 ENGINE AR-COMplete
ALSO AN ATTACHMENT

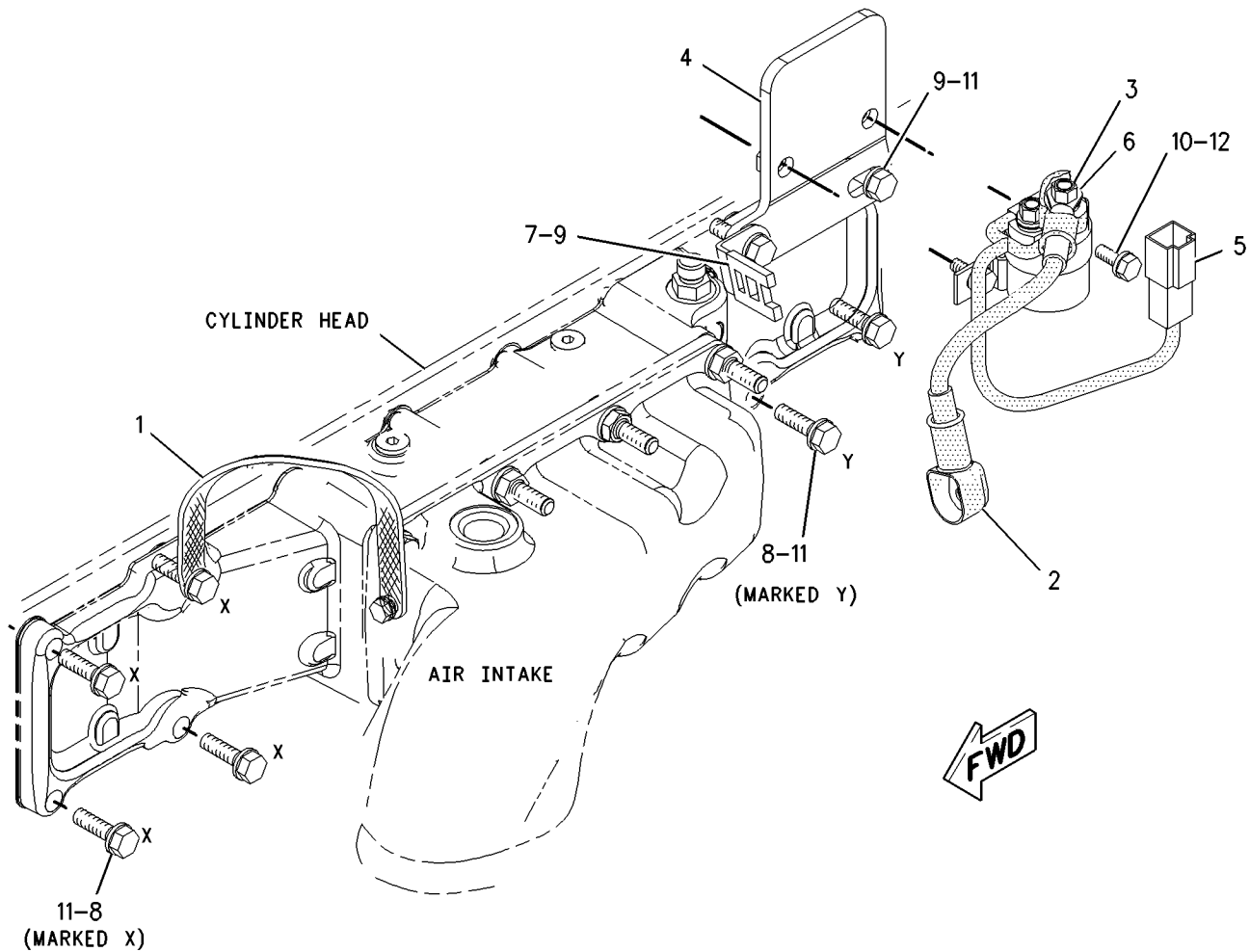
SMCS-1408

i01891350

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7X-6035	1	STRAP-GROUNDING						
	2	1	003-9835	2	PROTECTOR						
M	3	1	112-6646	2	LOCKNUT						
	4	1	145-4926	1	BRACKET AS						
M		1	6V-9632	2	NUT-WELD (M6X1 THD)						
Y	5	1	175-2324	1	SWITCH GP-MAGNETIC (AIR INLET HEATER)						179
	6	1	179-9355	1	WIRE AS						
	7	1	4P-8134	1	CLIP (LADDER)						
M	8	1	6V-2317	6	BOLT (M8X1.25X30MM)						
M	9	1	6V-5218	2	BOLT (M8X1.25X35MM)						
M	10	1	6V-8837	2	BOLT (M6X1X16 MM)						
	11	1	9M-1974	7	WASHER-HARD (8.8X16X2MM THK)						
	12	1	9X-8256	2	WASHER (6.6X12X2MM THK)						

M - METRIC PART

Y - SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00924156

ELECTRICAL AND STARTING SYSTEM

192-9082 WIRING GP-PLATFORM

S/N: CCK1-UP

PART OF 217-3819 CAB GP, 218-3064 PLATFORM GP
ALSO AN ATTACHMENT

SMCS-1408

i01898192

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	3E-6328	1	ALARM GP (24V) (ACTION)						115
	2	1	7K-1181	56	STRAP-CABLE						
	3	1	9M-9812	1	WIRE AS						
	4	1	117-2311	1	RECEPTACLE AS-POWER (12 VOLT)						
	5	1	135-2172	2	PLATE						
	6	1	149-9818	1	PLATE						
Y	7	1	156-8378	1	PANEL GP-CIRCUIT BREAKER						151
	8	1	169-2876	1	FILM-IDENTIFICATION (12 VOLT)						
	9	1	173-1566	1	CAP AS (ELECTRONIC TECH-SERVICE TOOL)						
		1	8C-6354	1	CAP-RECEPTACLE						
		1	155-2271	1	KIT-CONNECTING PLUG (4 PIN)						
		1	2L-8077	1	TERMINAL (RING)						
BE		1	125-7875		TUBE-HEAT SHRINK (6CM)						
		1	155-2262	1	WEDGE-PLUG LOCK (4 PIN)						
D		1	5P-5677		WIRE-ELECTRICAL (18 GA) (6DM)						
	10	1	176-0238	1	GROMMET-RUBBER						
	11	1	209-0381	1	CONVERTER-POWER (24 V TO 12 V)						
	12	1	213-2982	1	HARNESS AS (PLATFORM)						
			102-8802	4	KIT-RECEPTACLE (2 PIN)						
			190-7614	1	KIT-RECEPTACLE (12 PIN)						
			102-8801	2	KIT-RECEPTACLE (12 PIN)						
			102-8805	3	KIT-RECEPTACLE (6 PIN)						
			102-8806	3	KIT-RECEPTACLE (8 PIN)						
			102-8801	3	KIT-RECEPTACLE (12 PIN)						
					(EACH KIT INCLUDES RECEPTACLE AS & WEDGE)						
			110-6845	1	PLUG AS-CONNECTOR (40 PIN)						
			110-6844	1	SEAL						
			9X-0194	1	TERMINAL AS						
			4W-4293	1	PLUG AS						
			8T-8737	115	PLUG-SEAL						
			8T-9471	1	GROMMET						
			103-0213	1	RECEPTACLE AS (70 PIN)						
			113-4630	1	RECEPTACLE AS						
			155-2255	2	KIT-CONNECTING PLUG (12 PIN)						
			155-2264	1	PLUG AS-CONNECTOR						
			155-2260	2	KIT-CONNECTING PLUG (3 PIN)						
			155-2270	8	KIT-CONNECTING PLUG (2 PIN)						
			155-2271	2	KIT-CONNECTING PLUG (4 PIN)						
			155-2274	5	KIT-CONNECTING PLUG (6 PIN)						
					(EACH KIT INCLUDES PLUG AS & WEDGE)						
	13	1	213-2989	1	PLATE						
	14	1	217-0508	2	BRACKET AS						
	15	1	095-0913	2	CLIP						
	16	1	141-4976	8	SCREW-WASHER HEAD						
	17	1	180-4523	1	SWITCH AS-ROCKER (THROTTLE)						
		1	105-9149	1	SWITCH AS (24 VOLT) (ILLUMINATED) (THROTTLE)						
		1	3E-8825	2	LAMP (24 VOLT) (THROTTLE ROCKER SWITCH)						
		1	180-4524	1	ACTUATOR-ROCKER						
	18	1	1S-0994	2	CLIP						
	19	1	2G-1133	1	GROMMET						
	20	1	4P-7581	1	CLIP						
	21	1	4P-8134	1	CLIP						
M	22	1	6V-9672	4	SCREW-MACHINE (M4X.7X16MM)						
M	23	1	7I-2272	6	BOLT (M5X0.8X12MM)						
M	24	1	7X-2543	2	BOLT (M10X1.5X120MM)						

ELECTRICAL AND STARTING SYSTEM

192-9082 WIRING GP-PLATFORM (contd.)

i01898192

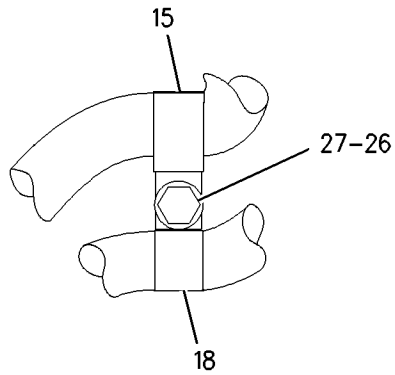
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	25	1	8T-0328	6	WASHER-HARD (5.5X10X1MM THK)						
	26	1	8T-4121	11	WASHER-HARD (11X21X2.5MM THK)						
M	27	1	8T-4137	4	BOLT (M10X1.5X20MM)						
M	28	1	8T-4191	5	BOLT (M10X1.5X16MM)						
M	29	1	9X-2044	3	SCREW-TRUSS HEAD (M6X1X16MM)						
	30	1	9X-7345	1	GROMMET						
	31	1	8S-8158	1	SEAL-WIRE						
BD	32	1	5P-6029		LOCKWIRE						

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

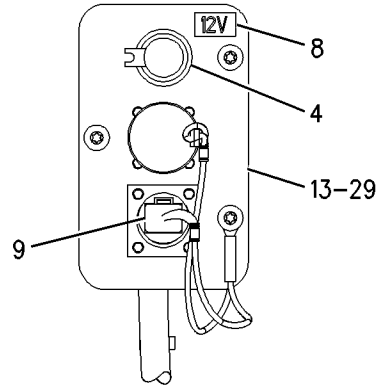
ELECTRICAL AND STARTING SYSTEM

192-9082 WIRING GP-PLATFORM (contd.)

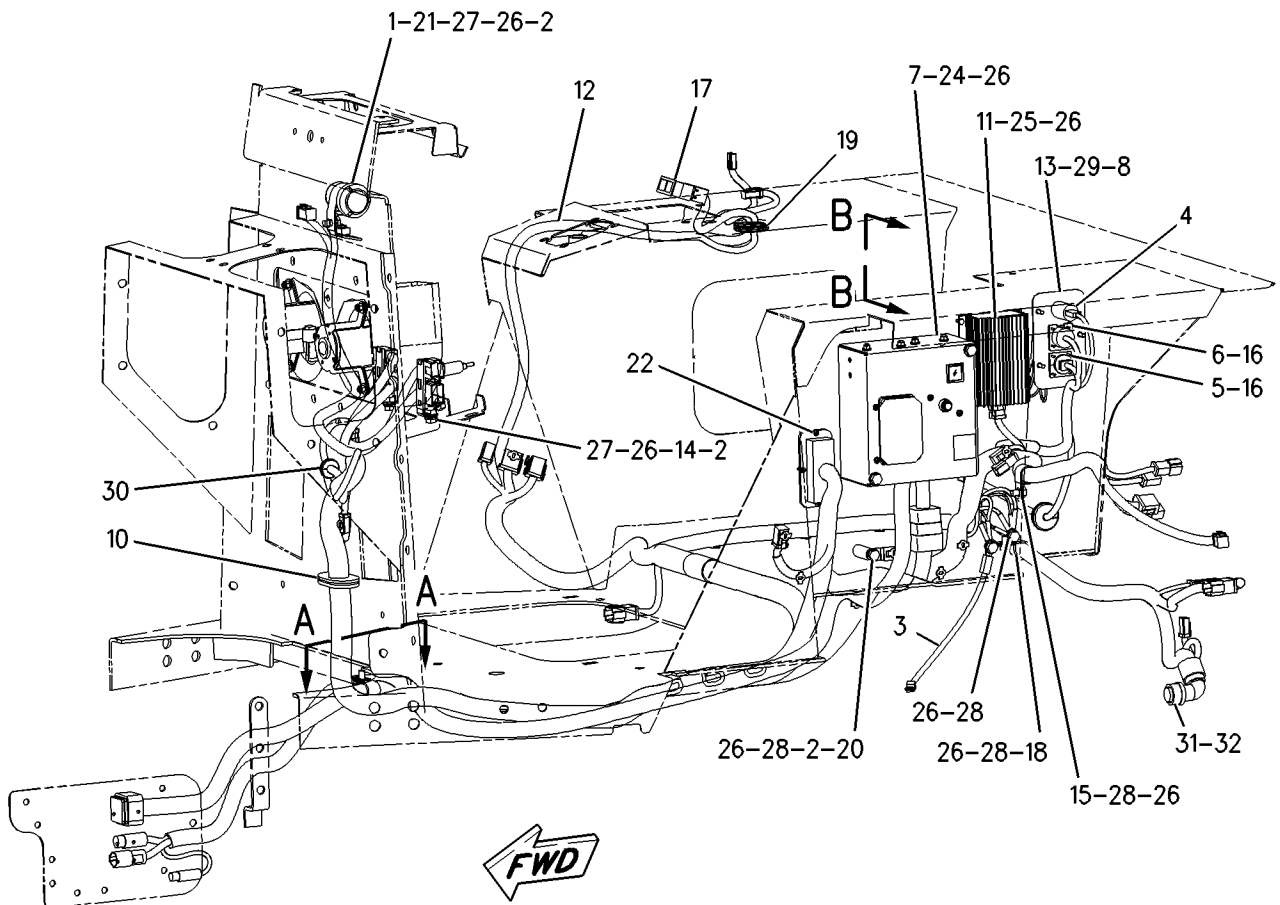
i01898192



VIEW A-A



VIEW B-B



GRAPHIC #1

<END>

g00940047

POWER TRAIN

193-7361 AXLE GP

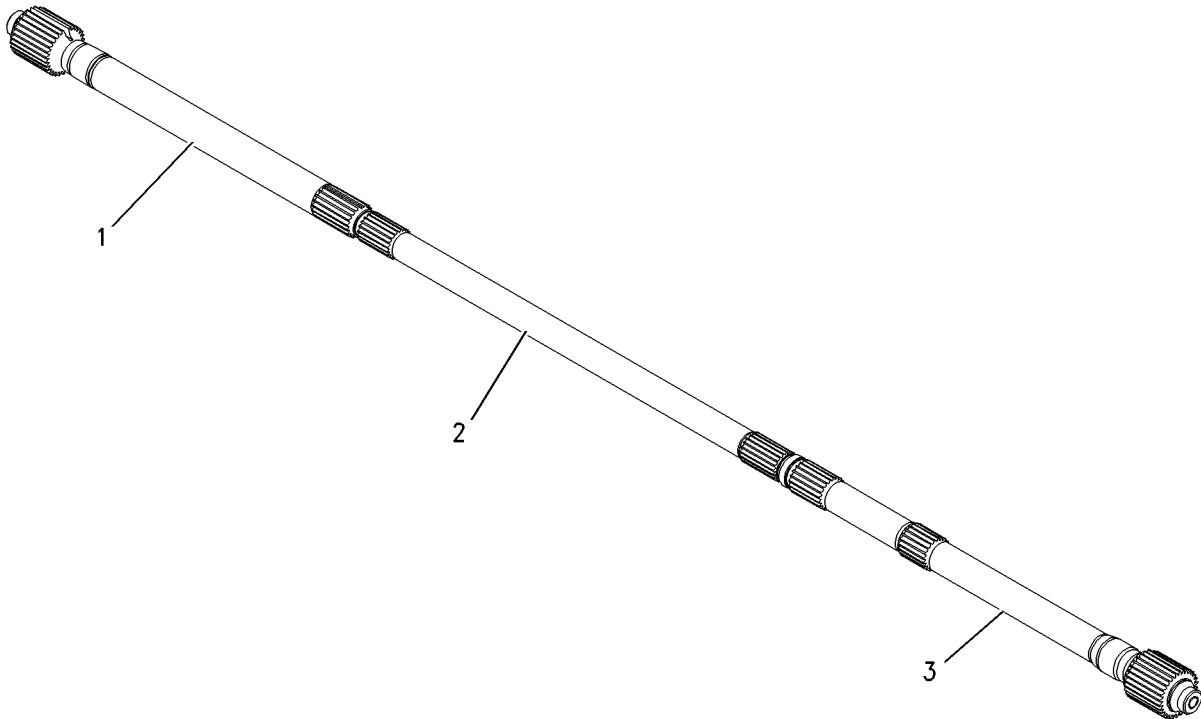
S/N: CCK1-UP

PART OF 189-4620 POWER TRAIN AR

SMCS-3282

i01833348

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	191-4916	1	SHAFT - SUN GEAR						
	2	1	193-7365	1	SHAFT						
	3	1	193-7366	1	SHAFT - SUN GEAR						



GRAPHIC #1

<END>

g00776189

POWER TRAIN

205-3603 CONTROL GP-TRANSMISSION

S/N: BJK1-UP

PART OF 188-2003 TRANSMISSION AR

SMCS-3065, 3209

i01829863

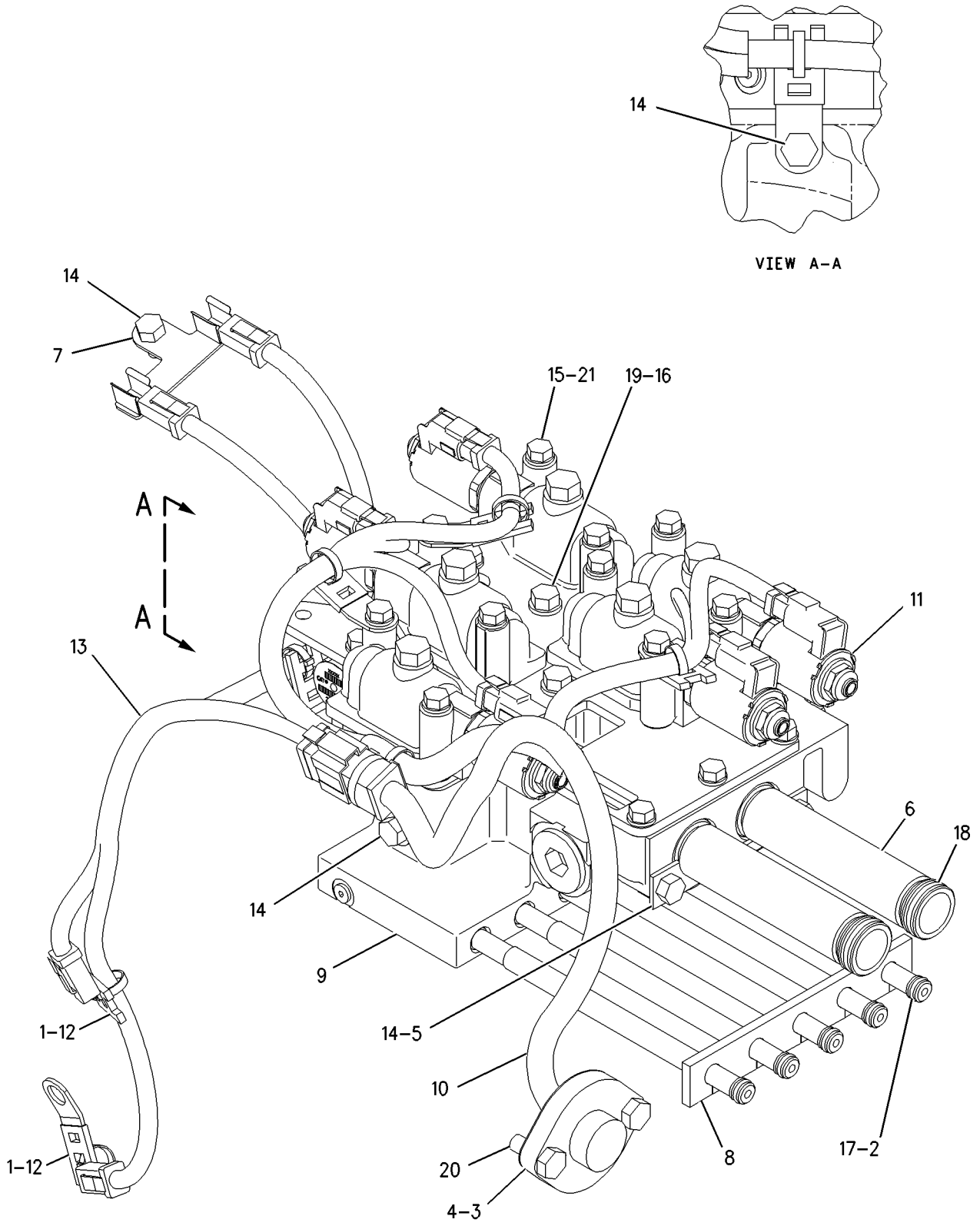
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	2	STRAP-CABLE						
	2	1	6Y-0775	5	SLEEVE						
	3	1	104-6729	1	RETAINER						
	4	1	104-6730	1	GASKET						
	5	1	108-2097	1	PLATE						
	6	1	110-2049	2	SLEEVE						
	7	1	110-2860	1	CLIP AS-CONNECTING						
	8	1	204-8982	1	GROMMET						
Y	9	1	205-3602	1	VALVE GP-RELIEF (TRANSMISSION CONTROL)						230
	10	1	205-4626	1	HARNES AS (TRANSMISSION SHIFT SOLENOIDS)						
		1	3S-2093	5	STRAP-CABLE						
		1	102-8806	1	KIT-RECEPTACLE (8 PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
		1	6J-2419	1	SEAL-O-RING						
		1	155-2270	1	KIT-CONNECTING PLUG (2 PIN) (INCLUDES PLUG AS & WEDGE)						
Y	11	1	220-4324	5	VALVE GP-MODULATING (TRANSMISSION CONTROL)						225
	12	1	222-0894	2	CLIP						
	13	1	223-6517	1	HARNES AS (TRANSMISSION SPEED SENSORS)						
		1	3S-2093	1	STRAP-CABLE						
		1	155-2270	4	KIT-CONNECTING PLUG (2 PIN)						
		1	155-2265	1	KIT-CONNECTING PLUG (8 PIN) (EACH INCLUDES PLUG AS & WEDGE)						
	14	1	0T-0102	5	BOLT (3/8-16X0.625 IN)						
	15	1	1D-4540	10	BOLT (5/16-18X2.75 IN)						
	16	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5MM THK)						
	17	1	6V-4365	10	SEAL-O-RING						
	18	1	8M-4432	4	SEAL-O-RING						
	19	1	8S-9191	4	BOLT (3/8-16X4 IN)						
M	20	1	8T-4136	2	BOLT (M10X1.5X25MM)						
	21	1	9M-1974	10	WASHER-HARD (8.8X16X2MM THK)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

POWER TRAIN

205-3603 CONTROL GP - TRANSMISSION (contd.)

i01829863



VIEW A-A

GRAPHIC #1

<END>

g00930638

POWER TRAIN

188-2009 DIFFERENTIAL & BEVEL GEAR GP

S/N: BJJ1-UP

PART OF 188-2003 TRANSMISSION AR

SMCS-3258, 3281, 3283

i01832750

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	205-4138	3	CONE-BEARING						
	2	2	205-7398	1	CUP-BEARING (TAPERED ROLLER)						
	3	2	205-7396	1	CONE-BEARING (TAPERED ROLLER)						
	4	2	205-7397	1	CONE-BEARING (TAPERED ROLLER)						
	5	1	2J-6362	1	BEARING						
	6	2	5P-4920	1	RACE & ROLLER AS						
	7	2	5P-4921	1	RACE-BEARING OUTER						
	8	2	6V-1864	1	CUP-BEARING						
	9	1	7T-8858	1	CONE-BEARING						
	10	1	7T-8859	1	CUP-BEARING						
	11	2	1L-6957	1	LOCKNUT-BEARING						
	12	1	2D-8009	1	SEAL-O-RING						
	13	2	2S-8983	2	RING-SEAL						
	14	2	3T-8469	1	GEAR-BEVEL (31 TEETH)						
B	15	1	3T-9819	1	SHIM PACK (INCLUDES 19 SHIMS)						
	16	1	6T-7995	1	TUBE AS						
	17	1	6T-7996	1	TUBE AS						
	18	2	6V-2404	1	LOCKWASHER-BEARING						
	19	1	6V-5773	1	SEAL (LIP)						
	20	1	7T-9357	1	PINION-BEVEL (14 TEETH)						
	21	1	8D-0071	1	TEE-FLARED						
	22	2	9P-7072	1	WASHER (90.6X115X2.5MM THK)						
	23	1	106-0543	2	SENSOR GP-SPEED (TRANSMISSION)						
					(EACH INCLUDES)						
		1	102-8802	1	KIT-RECEPTACLE (2 PIN)						
		1	186-3735	2	PIN-CONNECTOR						
		1	9X-1813	14	SLEEVE						
		1	171-5349	1	STRAP-MARKER						
	24	1	108-2471	1	CAGE-BEARING						
	25	1	108-8250	1	CARRIER-SEAL						
	26	1	198-9162	1	TUBE AS						
	27	1	198-9163	1	TUBE AS						
B	28	2	200-8644	2	SHIM PACK (INCLUDES 24 SHIMS) (EACH)						
	29	1	200-8648	1	CASE AS-TRANSMISSION						
		1	2A-3576	1	PIN						
		1	7T-9356	1	PLUG-CUP						
	30	1	201-1281	1	COVER						
	31	2	203-4786	1	CARRIER						
	32	1	204-5341	1	TEE						
	33	2	204-9092	1	SHAFT						
	34	2	204-9096	1	CAGE AS						
		2	124-6657	1	ORIFICE						
	35	1	205-4137	3	CUP-BEARING						
	36	1	206-2080	1	TUBE AS						
	37	1	206-2963	1	TUBE AS						
	38	1	225-4315	1	GEAR (TRANSFER) (28 TEETH)						
	39	1	225-4316	1	GEAR (TRANSFER) (31 TEETH)						
	40	1	032-1267	1	CONNECTOR						
	41	1	032-1268	1	ELBOW						
	42	1	052-0572	1	TEE-SWIVEL						
	43	1	0S-0509	1	BOLT (3/8-16X0.75 IN)						
	44	1,2	0S-1595	19	BOLT (1/2-13X1.25 IN)						
	45	1	0S-1599	1	BOLT (1/2-20X2.75 IN)						
	46	1	0S-1614	2	BOLT (1/4-20X0.5 IN)						
	47	1	1A-5350	2	CLIP						
	48	1	1T-0720	3	BOLT-12 POINT HEAD (3/8-16X1.25 IN)						

POWER TRAIN

188-2009 DIFFERENTIAL & BEVEL GEAR GP (contd.)

i01832750

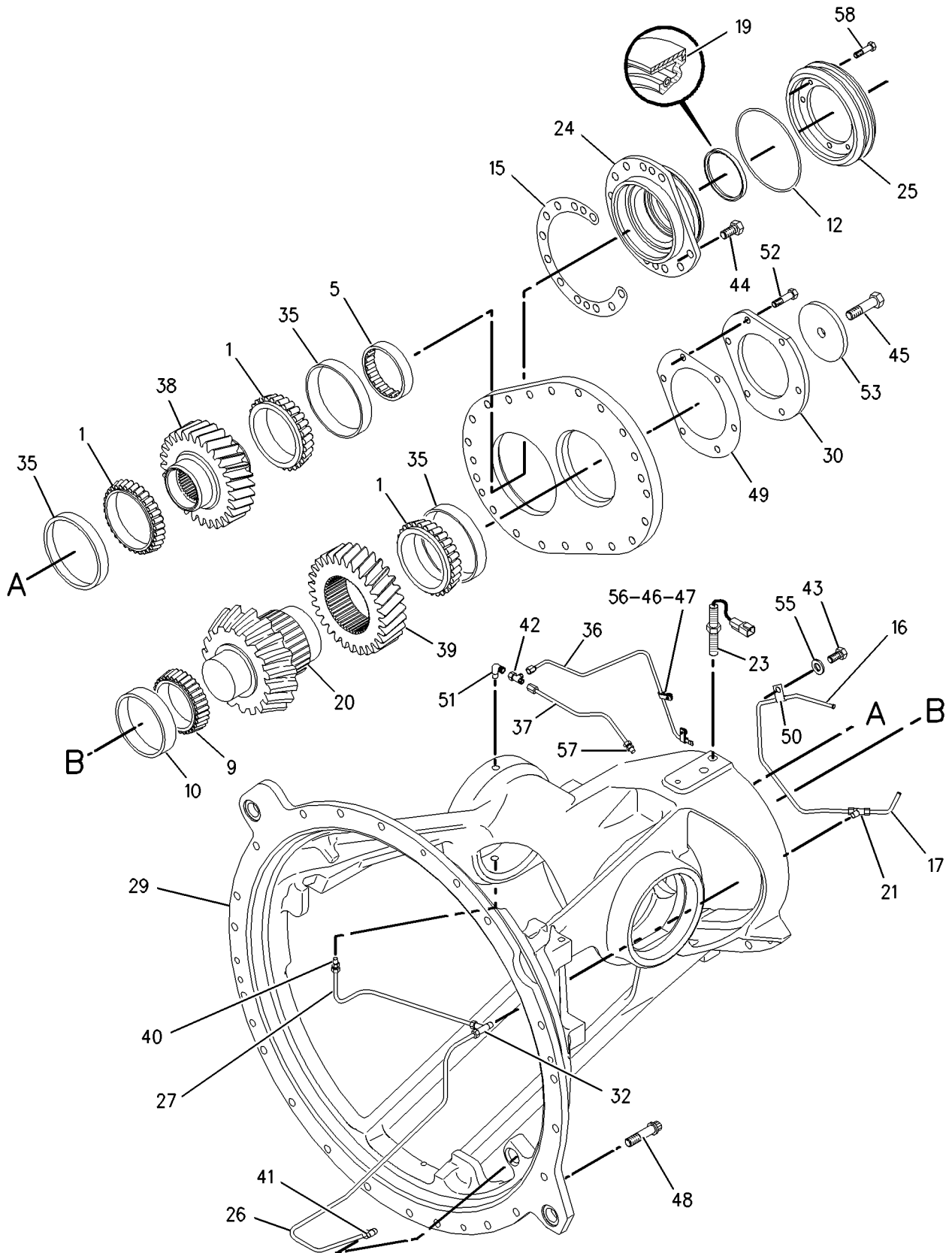
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
B	49	1	201-1282	1	SHIM PACK (INCLUDES 25 SHIMS)						
	50	1	2B-2404	1	CLIP						
	51	1	2N-1287	1	ELBOW-FLARED						
	52	1	3B-1915	6	BOLT (3/8-16X1.37 IN)						
	53	1	3T-9674	1	RETAINER						
	54	2	5B-0841	20	BOLT (5/8-18X1.75 IN)						
	55	1	5M-2894	1	WASHER-HARD (10.2X18.5X2.5MM THK)						
	56	1	5P-0537	2	WASHER-HARD (7.2X14.5X2MM THK)						
	57	1	8L-6557	1	CONNECTOR						
M	58	1	8T-4136	4	BOLT (M10X1.5X25MM)						

B-USE AS REQUIRED
M-METRIC PART

POWER TRAIN

188-2009 DIFFERENTIAL & BEVEL GEAR GP (contd.)

i01832750



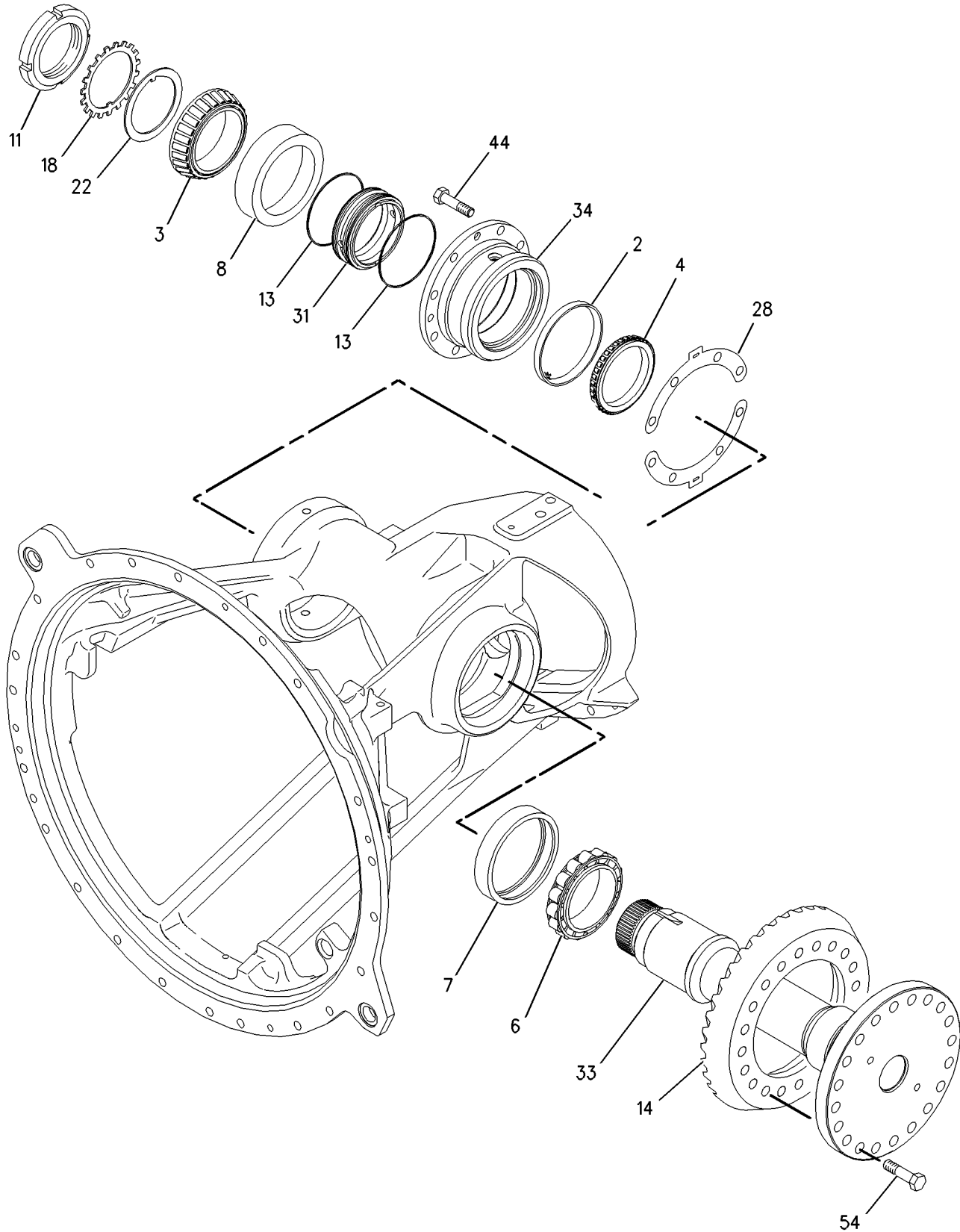
GRAPHIC #1

g00940649

POWER TRAIN

188 - 2009 DIFFERENTIAL & BEVEL GEAR GP (contd.)

i01832750



GRAPHIC #2

<END>

g00940650

POWER TRAIN

178-0568 FILTER GP-OIL-POWER TRAIN

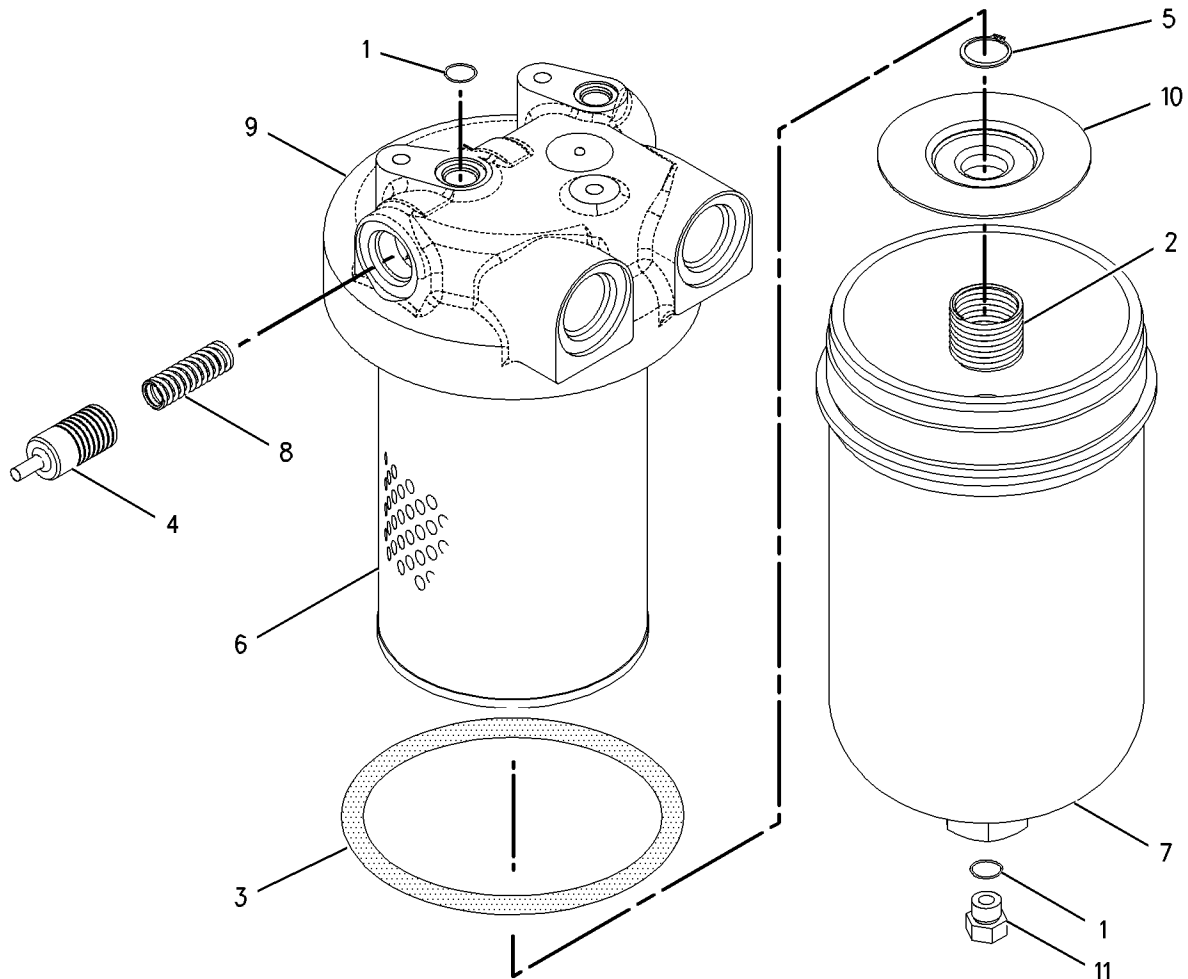
S/N: CCK1-UP

PART OF 191-9530 LINES GP-POWER TRAIN OIL

SMCS-3004

i01883307

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3J-1907	2	SEAL-O-RING						
	2	1	3S-8652	1	SPRING						
	3	1	5P-3620	1	SEAL-O-RING (POWER TRAIN FILTER)						
	4	1	6T-9222	1	SPOOL						
	5	1	8M-6393	1	RING-RETAINING						
	6	1	132-8876	1	FILTER ELEMENT AS-OIL (POWER TRAIN)						
	7	1	133-1279	1	HOUSING AS-OIL FILTER						
	8	1	133-2199	1	SPRING						
	9	1	155-5745	1	BASE-FILTER						
	10	1	165-8079	1	RETAINER						
	11	1	9S-4191	1	PLUG						



GRAPHIC #1

<END>

g00770456

POWER TRAIN

191-4931 FINAL DRIVE GP

S/N: CCK1-UP

PART OF 189-4620 POWER TRAIN AR

SMCS-4050

i01898223

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1B-3978	6	CUP-BEARING						
	2	1	1B-3980	6	CONE-BEARING						
	3	1	6V-0327	1	CUP-BEARING						
	4	1	6V-0328	1	CONE-BEARING						
	5	1	6V-0329	1	CONE-BEARING						
	6	1	6V-0330	1	CUP-BEARING						
	7	1	6V-0439	1	PLUG-MAGNETIC (FINAL DRIVE)						
	8	1	6Y-0859	1	SEAL GP-DUO-CONE						
	8A	1	1M-9011	2	RING-SEALING						
Z	8B	1		2	SEAL-RING						
	9	1	8E-3075	3	RETAINER						
	10	1	8G-4565	3	GEAR-PLANETARY (30 TEETH)						
	11	1	8G-4566	1	PLATE						
	12	1	8G-4568	1	GEAR (74 TEETH)						
	13	1	8G-4569	1	RING						
	14	1	9G-4876	1	RETAINER						
	15	1	106-0713	1	CARRIER						
	16	1	107-1763	1	HUB-SPROCKET						
	17	1	178-6854	1	HUB-RING GEAR						
	18	1	179-6707	3	SHAFT						
	19	1	191-4922	1	BEARING-SLEEVE						
	20	1	191-4923	1	SPINDLE						
	21	1	1H-8128	1	SEAL-O-RING						
	22	1	1H-9696	3	SEAL-O-RING						
	23	1	2R-0098	1	SEAL-O-RING						
	24	1	2S-4078	1	SEAL-O-RING (FINAL DRIVE MAGNETIC PLUG)						
	25	1	3K-0360	1	SEAL-O-RING (FINAL DRIVE DRAIN PLUG)						
M	26	1	7X-2563	28	BOLT (M20X2.5X60MM)						
M	27	1	8C-8729	9	BOLT-SOCKET HEAD (M12X1.75X80MM)						
	28	1	8T-4121	3	WASHER-HARD (11X21X2.5MM THK)						
	29	1	8T-4123	54	WASHER-PLATED (22X35X3.5MM THK)						
M	30	1	8T-4136	3	BOLT (M10X1.5X25MM)						
M	31	1	8T-4141	26	BOLT (M20X2.5X70MM)						
M	32	1	8T-4193	3	BOLT (M16X2X50MM)						
	33	1	8T-4223	11	WASHER-HARD (13.5X25.5X3MM THK)						
	34	1	8T-8919	2	BOLT (1/2-13X1.75 IN)						
	35	1	8D-4771	1	SEAL-O-RING						
	36	1	9S-4185	1	PLUG (FINAL DRIVE DRAIN)						
	37	1	9X-7411	1	SEAL-LIP						
	38	1	9X-8257	3	WASHER (17.5X30X3.5MM THK)						

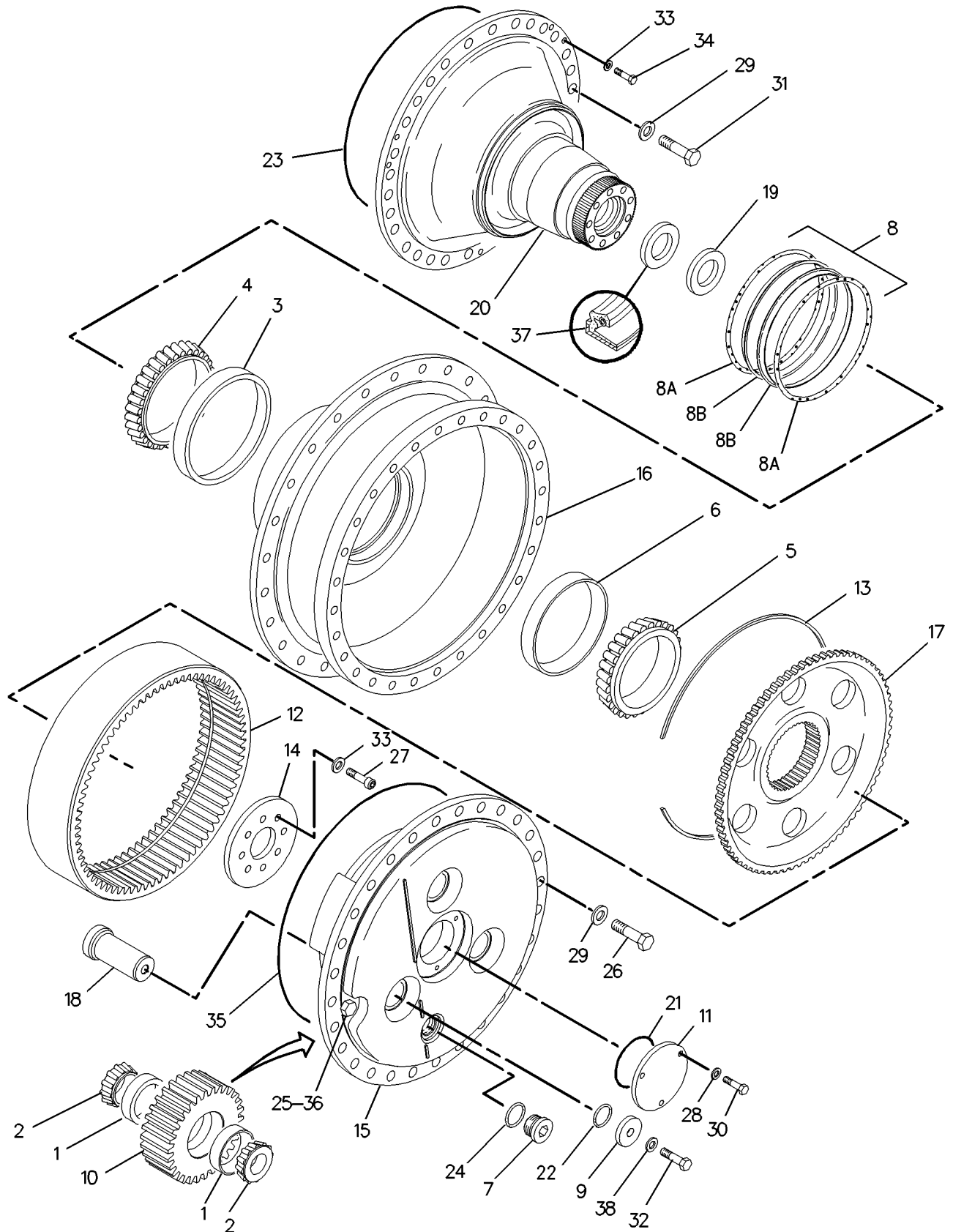
M-METRIC PART

Z-NOT SERVICED SEPARATELY

POWER TRAIN

191-4931 FINAL DRIVE GP (contd.)

i01898223



GRAPHIC #1

<END>

g00773403

POWER TRAIN

191-9530 LINES GP-POWER TRAIN OIL

S/N: CCK1-UP

PART OF 189-4620 POWER TRAIN AR

SMCS-3016

i01898324

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2W-6225	1	CAP AS-OIL FILLER (POWER TRAIN)						
	2	1	5D-1026	4	CLAMP-HOSE						
	3	1	6B-2882	3	SPACER (.406X.75X.312 IN THK)						
	4	1	6V-1230	1	ELBOW						
Y	5	1	6Y-8473	1	VALVE GP-RELIEF (POWER TRAIN OIL LINES)						228
	6	1	8C-3447	1	CAP-DUST (POWER TRAIN OIL SAMPLE VALVE)						
	7	1	8G-5551	1	FLANGE						
	8	1	8G-5654	1	GASKET						
	9	1	8G-8589	1	HOUSING-SCREEN						
	10	1	8G-9560	1	TUBE AS						
	11	1	8S-9129	1	FILTER-MAGNETIC (POWER TRAIN OIL)						
	12	1	8S-9130	1	SCREEN-SUCTION (POWER TRAIN OIL LINES)						
	13	1	8T-6703	2	CLAMP-HOSE						
	14	1	114-2312	1	COVER AS						
	15	1	130-9984	4	CLIP						
	16	1	148-1928	1	VALVE-RELIEF						
	17	1	150-3026	1	ELBOW AS						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-4292	1	ELBOW						
	18	1	162-6966	1	TUBE AS						
	19	1	169-5862	1	ELBOW AS						
		1	3J-1907	1	SEAL-O-RING						
		1	8C-6712	1	ELBOW						
	20	1	173-1437	2	FLANGE-HALF						
	21	1	173-4282	1	TUBE AS						
	22	1	177-3382	1	MANIFOLD						
I	23	1	177-7185	1	HOSE AS						
I	24	1	177-7186	1	HOSE AS						
Y	25	1	178-0568	1	FILTER GP-OIL (POWER TRAIN)						197
	26	1	178-9220	1	PLATE						
	27	1	185-6684	1	BREATHER AS (POWER TRAIN OIL LINES)						
Y	28	1	193-3849	1	VALVE GP-PRIORITY (POWER TRAIN OIL)						226
I	29	1	194-6479	1	HOSE AS						
I	30	1	194-6480	1	HOSE AS						
I	31	1	194-6481	1	HOSE AS						
I	32	1	194-6482	1	HOSE AS						
I	33	1	194-6483	1	HOSE AS						
	34	1	195-2037	2	FITTING AS						
					(EACH INCLUDES)						
		1	3K-0360	1	SEAL-O-RING						
		1	034-3679	1	FITTING						
	35	1	199-1222	1	GAUGE						
Y	36	1	202-4365	1	PUMP GP-GEAR (POWER TRAIN OIL)						215
	37	1	203-4599	1	HOSE						
	38	1	203-4600	1	HOSE						
	39	1	214-3509	1	BRACKET AS						
M		1	170-7491	1	STUD-WELD						
	40	1	214-3927	1	TUBE AS						
	41	1	220-0907	1	HOSE						
	42	1	148-8327	1	CONNECTOR AS						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-8637	1	CONNECTOR-SEAL						
		1	6V-9746	1	SEAL-O-RING						
	43	1	148-8335	2	CONNECTOR AS						
					(EACH INCLUDES)						
		1	5K-9090	1	SEAL-O-RING						

POWER TRAIN

191-9530 LINES GP - POWER TRAIN OIL (contd.)

i01898324

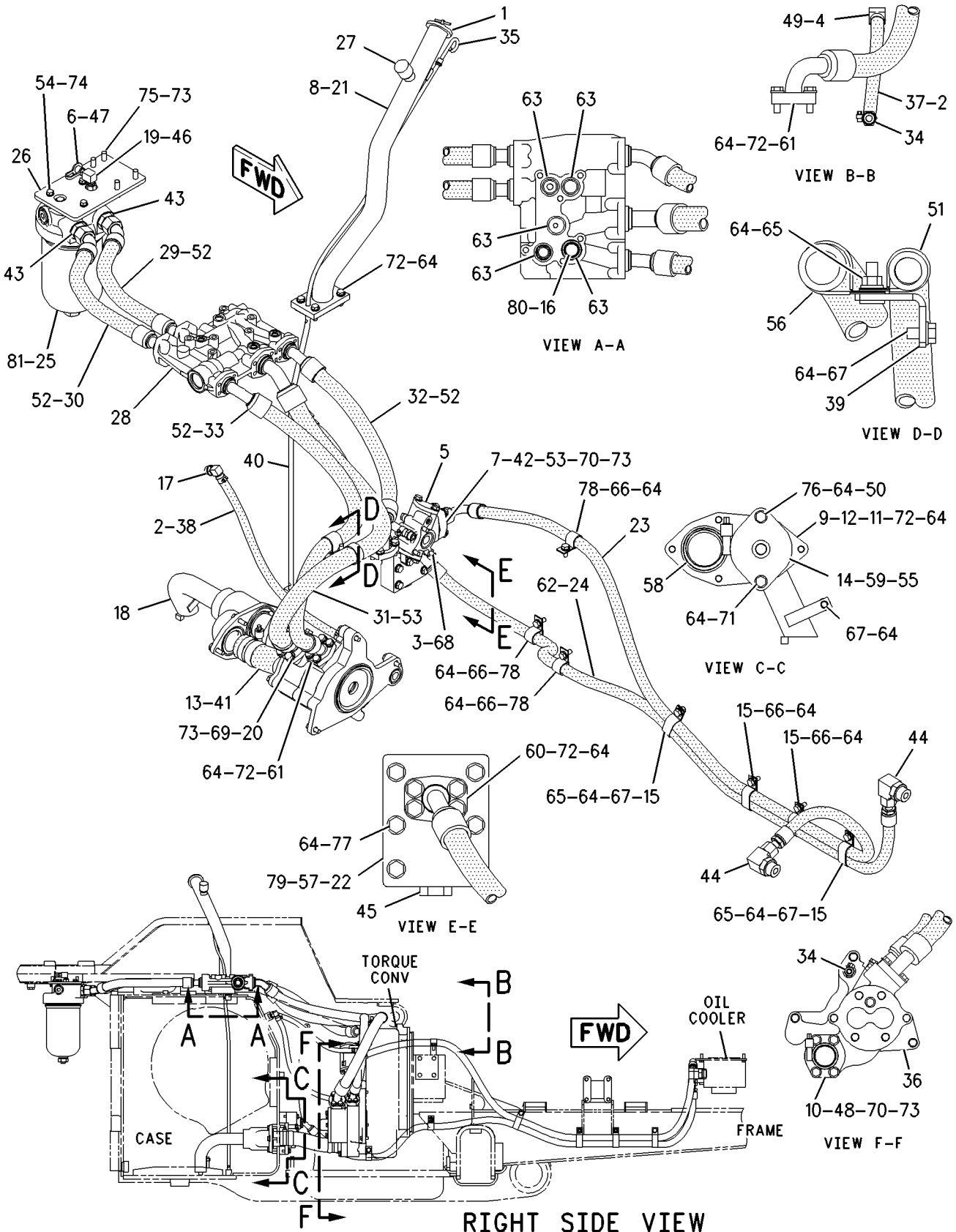
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	6V-8635	1	CONNECTOR						
		1	7M-8485	1	SEAL-O-RING						
	44	1	148-8360	2	ELBOW AS						
					(EACH INCLUDES)						
		1	6V-9182	1	ELBOW						
		1	6V-9746	1	SEAL-O-RING						
		1	7M-8485	1	SEAL-O-RING						
	45	1	148-8408	1	PLUG AS						
		1	3D-2824	1	SEAL-O-RING						
		1	9S-4183	1	PLUG						
	46	1	150-4047	1	ADAPTER GP						
		1	3J-7354	1	SEAL-O-RING						
		1	8T-2353	1	ADAPTER-STRAIGHT THREAD						
	47	1	164-5590	1	VALVE GP-FLUID SAMPLING (POWER TRAIN OIL LINES)						
		1	3J-7354	1	SEAL-O-RING						
		1	8C-3446	1	VALVE GP-FLUID SAMPLING (POWER TRAIN OIL LINES)						
	48	1	1P-3708	1	SEAL-RECTANGULAR						
	49	1	3K-0360	1	SEAL-O-RING						
	50	1	3V-0409	1	SPACER (.423X.675X1.25 IN THK)						
	51	1	4D-7388	1	CLIP						
	52	1	4J-0520	6	SEAL-O-RING						
	53	1	4J-0522	3	SEAL-O-RING						
	54	1	4L-6454	3	BOLT (3/8-16X1 IN)						
	55	1	5K-1770	1	SEAL-O-RING						
	56	1	5P-2369	1	CLIP						
	57	1	5P-8066	1	SEAL-O-RING						
	58	1	6H-3977	1	SEAL-O-RING						
	59	1	6L-5359	1	SEAL-O-RING						
	60	1	8C-3205	2	FLANGE-HALF						
	61	1	8C-3206	4	FLANGE-HALF						
	62	1	8M-4988	1	SEAL-O-RING						
	63	1	8M-5254	5	SEAL-O-RING						
	64	1	8T-4121	40	WASHER-HARD (11X21X2.5MM THK)						
M	65	1	8T-4133	3	NUT (M10X1.5 THD)						
M	66	1	8T-4136	5	BOLT (M10X1.5X25MM)						
M	67	1	8T-4137	4	BOLT (M10X1.5X20MM)						
M	68	1	8T-4172	3	BOLT (M10X1.50X80MM)						
M	69	1	8T-4183	4	BOLT (M12X1.75X40MM)						
M	70	1	8T-4184	8	BOLT (M12X1.75X45MM)						
M	71	1	8T-4195	1	BOLT (M10X1.5X30MM)						
M	72	1	8T-4196	20	BOLT (M10X1.5X35MM)						
	73	1	8T-4223	16	WASHER-HARD (13.5X25.5X3MM THK)						
	74	1	8T-4896	3	WASHER-HARD (10.2X18.5X2.5MM THK)						
M	75	1	8T-4956	4	BOLT (M12X1.75X35MM)						
M	76	1	8T-5005	1	BOLT (M10X1.50X70MM)						
M	77	1	8T-6466	6	BOLT (M10X1.50X60MM)						
	78	1	8T-7529	3	CLIP						
	79	1	9M-4218	1	SEAL-O-RING						
	80	1	9X-4609	1	SEAL-O-RING						
	81	1	132-8876	1	FILTER ELEMENT AS-OIL (POWER TRAIN - HIGH EFFICIENCY)						

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

POWER TRAIN

191-9530 LINES GP-POWER TRAIN OIL (contd.)

i01898324



GRAPHIC #1

<END>

g00936882

POWER TRAIN

224-5368 MOUNTING GP-TORQUE CONVERTER

S/N: CCK1-UP

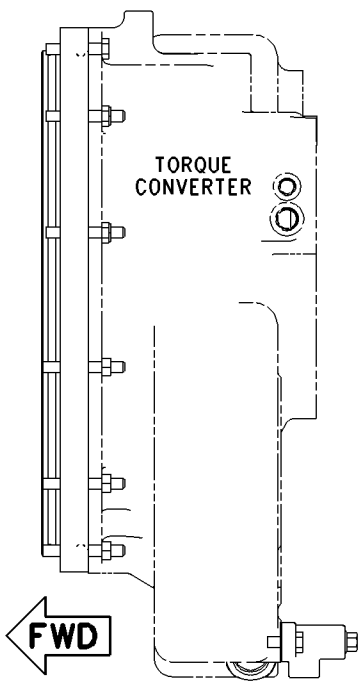
PART OF 189-4620 POWER TRAIN AR

SMCS-3101

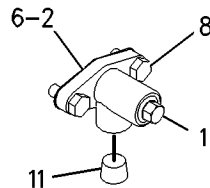
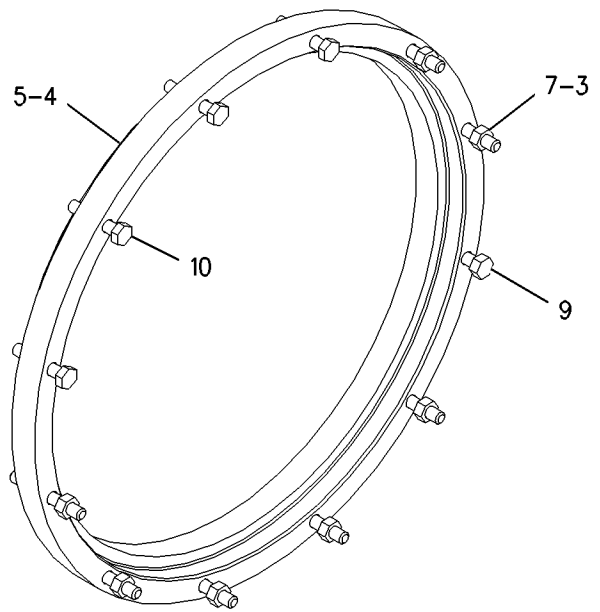
i01833634

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4B-7739	1	PLUG-DRAIN (TORQUE CONVERTER)						
	2	1	8H-9819	1	ADAPTER-PLUG						
	3	1	164-1525	7	ROD						
	4	1	220-3257	1	ADAPTER						
	5	1	5P-9806	1	SEAL-O-RING						
	6	1	8H-9818	1	GASKET						
M	7	1	8T-4133	7	NUT (M10X1.5 THD)						
M	8	1	8T-4136	2	BOLT (M10X1.5X25MM)						
M	9	1	8T-4182	1	BOLT (M10X1.5X45MM)						
M	10	1	8T-4185	4	BOLT (M10X1.5X50MM)						
	11	1	8T-6762	1	PLUG-PIPE (TORQUE CONVERTER)						

M-METRIC PART



SIDE VIEW



GRAPHIC #1

<END>

g00956511

POWER TRAIN

108-7039 MOUNTING GP-TRANSMISSION

S/N: CCK1-UP

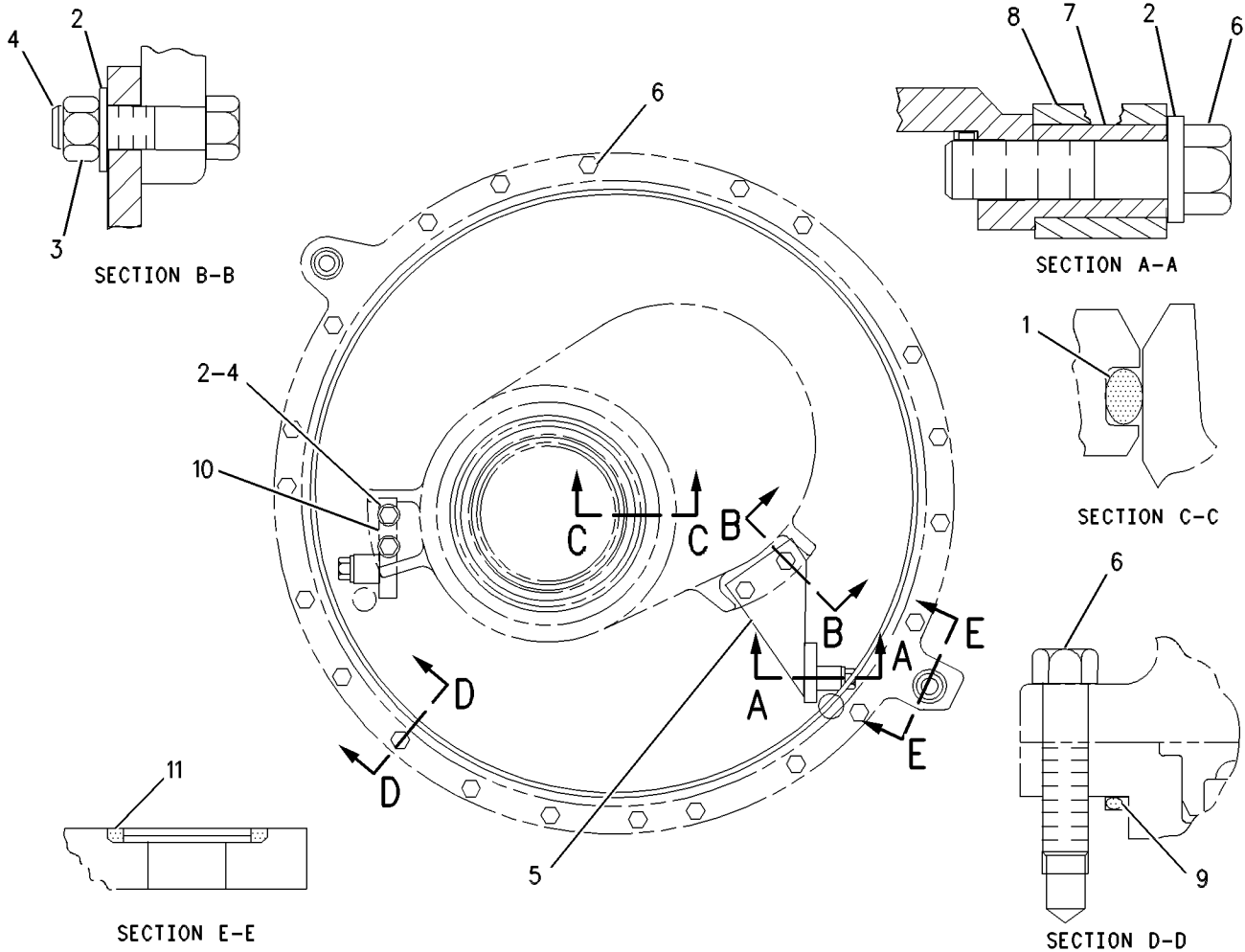
PART OF 189-4620 POWER TRAIN AR

SMCS-3030

i00821657

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7M-0475	1	RING-SEALING						
	2	1	8T-4223	6	WASHER-HARD (3MM THK)						
M	3	1	8T-4244	2	NUT (M12X1.75 THD)						
M	4	1	8T-4184	4	BOLT (M12X1.75X45MM)						
	5	1	112-5057	1	BRACKET AS						
M	6	1	8T-4194	23	BOLT (M12X1.75X50MM)						
	7	1	3T-9315	2	SPACER						
	8	1	5V-0564	2	SPACER						
	9	1	5D-7523	1	SEAL-O-RING						
	10	1	112-5056	1	BRACKET						
	11	1	8M-5254	2	SEAL-O-RING (31.34MM ID)						

M-METRIC PART



GRAPHIC #1

<END>

g00402358

POWER TRAIN

203-2296 PLANETARY GP-TRANSMISSION

S/N: BJB1-UP

PART OF 188-2003 TRANSMISSION AR

SMCS-3155, 3160, 3169, 3170, 3187, 3189, 3190, 3304

i01884418

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1,2	9S-4182	1	PLUG						
	2	1,2	113-9212	1	DISC-THRUST						
	3	1,2	7G-9224	1	RING-SEAL						
	4	1,2,3,4	6P-7773	3	RING-SEAL						
	5	1,2	7G-3707	1	PISTON-CLUTCH						
	6	1,2	8E-8117	1	GEAR-SUN (32 TEETH)						
	7	1,2	144-0761	1	CARRIER-PLANETARY						
	8	1,2	3T-4629	1	GEAR-RING (80 TEETH)						
	9	1,2,3,4	6Y-5352	13	DISC-FRICTION						
	10	1,2,3,4	7G-0437	13	PLATE-CLUTCH						
	11	1,2	7G-4311	1	COUPLING						
	12	1,2	8E-8118	1	CARRIER-RING						
	13	1,2	7G-4306	1	PLATE-CENTER						
	14	1,2	9P-5558	1	RING-RETAINING						
	15	1,2,3,4	7G-8121	2	RING-LOCK						
	16	1,2	6V-1649	2	BALL BEARING						
	17	1,2	108-5618	1	GEAR-SUN (33 TEETH)						
	18	1,2	108-5622	1	GEAR-RING (71 TEETH)						
	19	1,2	7G-3708	1	PISTON-CLUTCH						
	20	1,2	7G-5674	1	RING-SEAL						
	21	1,2	7G-4302	1	HOUSING-CLUTCH						
	22	1,2,3,4	7G-5675	3	RING-SEAL						
	23	1,2	5K-9106	1	RING-RETAINING						
	24	1,2	6V-0834	1	RING-RETAINING						
	25	1,2	108-5619	1	GEAR-SUN (33 TEETH)						
	26	1,2	108-5620	1	CARRIER-PLANETARY						
	27	3,4	108-5623	1	GEAR-RING (71 TEETH)						
	28	3,4	3T-6795	2	PISTON-CLUTCH						
	29	1,2	6V-0835	1	RING-RETAINING						
	30	3,4	6T-0097	1	HOUSING AS-CLUTCH						
		3,4	4K-8603	1	PLUG-CUP						
		3,4	6B-6863	1	PIN-SPRING						
		3,4	9G-1488	1	HOUSING-CLUTCH						
	31	3,4	9M-1503	1	RING-METAL SEAL						
	32	3,4	108-5621	1	CARRIER-PLANETARY						
	33	3,4	6P-7983	1	RING-RETAINING						
	34	3,4	6P-7968	3	PLATE-CLUTCH						
	35	3,4	3T-9960	4	DISC-FRICTION						
	36	3,4	3T-3447	1	GEAR AS-SUN (44 TEETH)						
		3,4	8S-0527	2	PLUG-CUP						
	37	3,4	8E-1484	1	HOUSING AS-CLUTCH						
		3,4	3S-8109	1	PIN-SPRING						
		3,4	4S-8537	1	DOWEL						
	38	3,4	6T-3009	1	PISTON						
	39	3,4	108-2470	1	HOUSING-SUPPORT						
	40	3,4	6V-1586	1	RING-RETAINING						
	41	3,4	7G-5730	1	RING-SEAL						
	42	3,4	6P-7985	2	RING-SEAL						
	43	3,4	7X-7608	1	RING-RETAINING						
	44	3,4	6Y-3484	1	BALL BEARING						
	45	3,4	3P-3441	1	RING-RETAINING						
	46	1,2	8E-8115	1	SHAFT AS-OUTPUT						
		1,2	6Y-0306	2	BEARING-SLEEVE						
		1,2	8S-3426	1	DOWEL						
	47	3,4	9G-1233	1	COUPLING						
	48	3,4	6P-7772	1	RING-SEAL						

POWER TRAIN

203-2296 PLANETARY GP-TRANSMISSION (contd.)

i01884418

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	49	3,4	8E-1666	1	PLATE-RETAINER	
	50	3,4	9G-1234	5	SPRING-DISC	
	51	3,4	9H-5604	1	RING-RETAINING	
	52	3,4	6I-8488	1	GEAR-RING (82 TEETH)	
	53	3,4	035-3360	1	RING-RETAINING	
	54	3,4	6V-7568	6	BOLT (1/2-13X14.86 IN)	
	55	1,2,3,4	5P-8245	9	WASHER-HARD (13.5X25.5X3MM THK)	
	56	3,4	213-3719	1	PLATE-REACTION	
	57	3,4	7G-6945	8	SPRING	
	58	3,4	7G-3710	4	ROD	
	59	3,4	7G-5614	3	SHAFT-PLANETARY	
	60	3,4	8E-8297	6	DISC-THRUST	
	61	3,4	5P-3131	3	BEARING AS-ROLLER	
	62	3,4	6P-2233	3	GEAR-PLANETARY (20 TEETH)	
	63	1,2,3,4	3S-8109	11	PIN-SPRING	
	64	1,2	2D-0516	3	BOLT (1/2-13X8.75 IN)	
	65	1,2	8E-8299	24	DISC-THRUST	
	66	1	8P-1916	8	GEAR-PLANETARY (20 TEETH)	
	67	1,2	3T-7584	4	SPRING	
	68	1	5P-3930	8	BEARING AS-ROLLER	
	69	1	6P-7743	4	SHAFT-PLANETARY	
	70	1,2	7S-4534	4	BEARING-CAGED	
	71	1,2	3T-6769	4	GEAR-PLANETARY (24 TEETH)	
	72	1,2	6P-7742	4	SHAFT-PLANETARY	
	73	1,2	5P-9186	2	SEAL-O-RING	
	74	1,2	3T-0810	1	SLEEVE	
	75	1,2	9S-4190	2	PLUG (TRANSMISSION DRAIN)	
	76	1,2	2M-9780	2	SEAL-O-RING (TRANSMISSION DRAIN PLUG)	
	77	1,2	8P-8950	2	RING-METAL SEAL	
	78	1,2	3K-1432	2	RING-METAL SEAL	
	79	1,2	3P-7019	2	SEAL-METAL	
	80	1,2	7B-7515	1	BALL BEARING	
	81	1,2	5J-3864	1	RING-LOCK	
	82	1,2	9G-8615	1	COVER	
	83	1,2	8P-0058	1	GASKET-COVER	
	84	1,2	202-2380	1	SHAFT AS-INPUT	
		1,2	156-4406	1	PLUG-PIPE	
	85	1,2	1M-8649	1	RING-RETAINING	
M	86	1,2	8T-4136	10	BOLT (M10X1.5X25MM)	
	87	1,2	204-7875	1	HOUSING AS	
		1,2	204-7876	1	ORIFICE	
	88	1,2	108-2472	1	COVER-TRANSMISSION	
	89	1,2	9S-4191	1	PLUG	
	90	1,2	3J-1907	7	SEAL-O-RING	
M	91	1,2	8T-4196	6	BOLT (M10X1.5X35MM)	
	92	1,2	201-8124	1	COVER	
	93	1,2	108-3055	1	GASKET	
	94	1,2	138-4086	1	GASKET	
	95	1,2	9S-4183	1	PLUG	
	96	1,2	3D-2824	1	SEAL-O-RING	
	97	1,2	8D-5096	1	SEAL-O-RING	
Y	98	3,4	193-2550	2	SENSOR GP-SPEED (TRANSMISSION)	165
	99	1,2	180-4165	1	COVER AS	
	100	1,2	8M-5254	4	SEAL-O-RING	
M	101	1,2	8T-5005	8	BOLT (M10X1.50X70MM)	
	102	1,2	9S-4188	1	PLUG (TRANSMISSION DRAIN)	
	103	1,2	4K-1388	1	SEAL-O-RING (TRANSMISSION DRAIN PLUG)	
	104	1,2	3J-7354	1	SEAL-O-RING	
	105	1,2	6V-3965	6	FITTING AS	

POWER TRAIN

203-2296 PLANETARY GP-TRANSMISSION (contd.)

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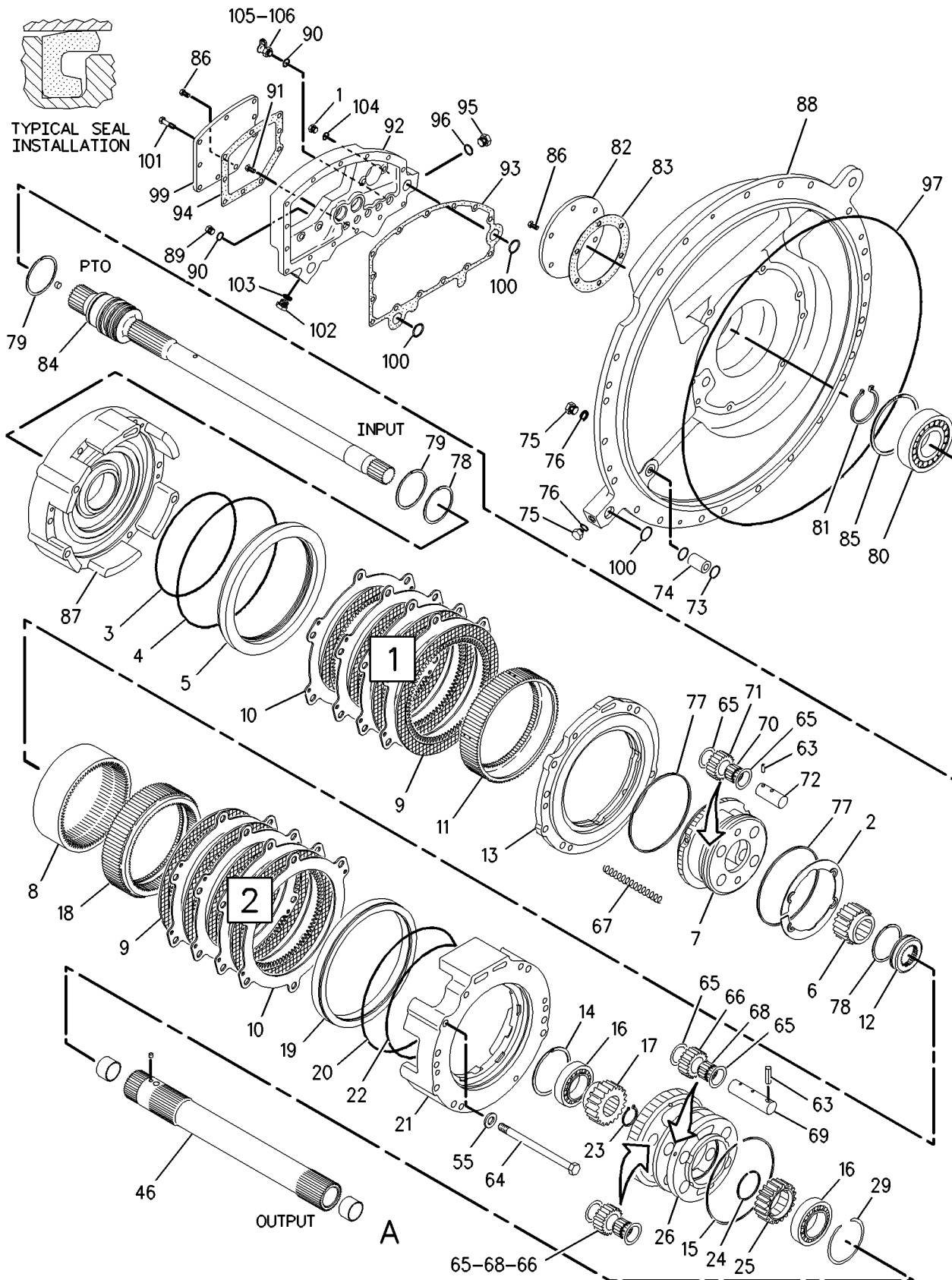
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	106	1,2	6V-0852	6	CAP-DUST (TRANSMISSION FITTINGS)	

M-METRIC PART
Y-SEPARATE ILLUSTRATION

POWER TRAIN

203-2296 PLANETARY GP-TRANSMISSION (contd.)

i01884418



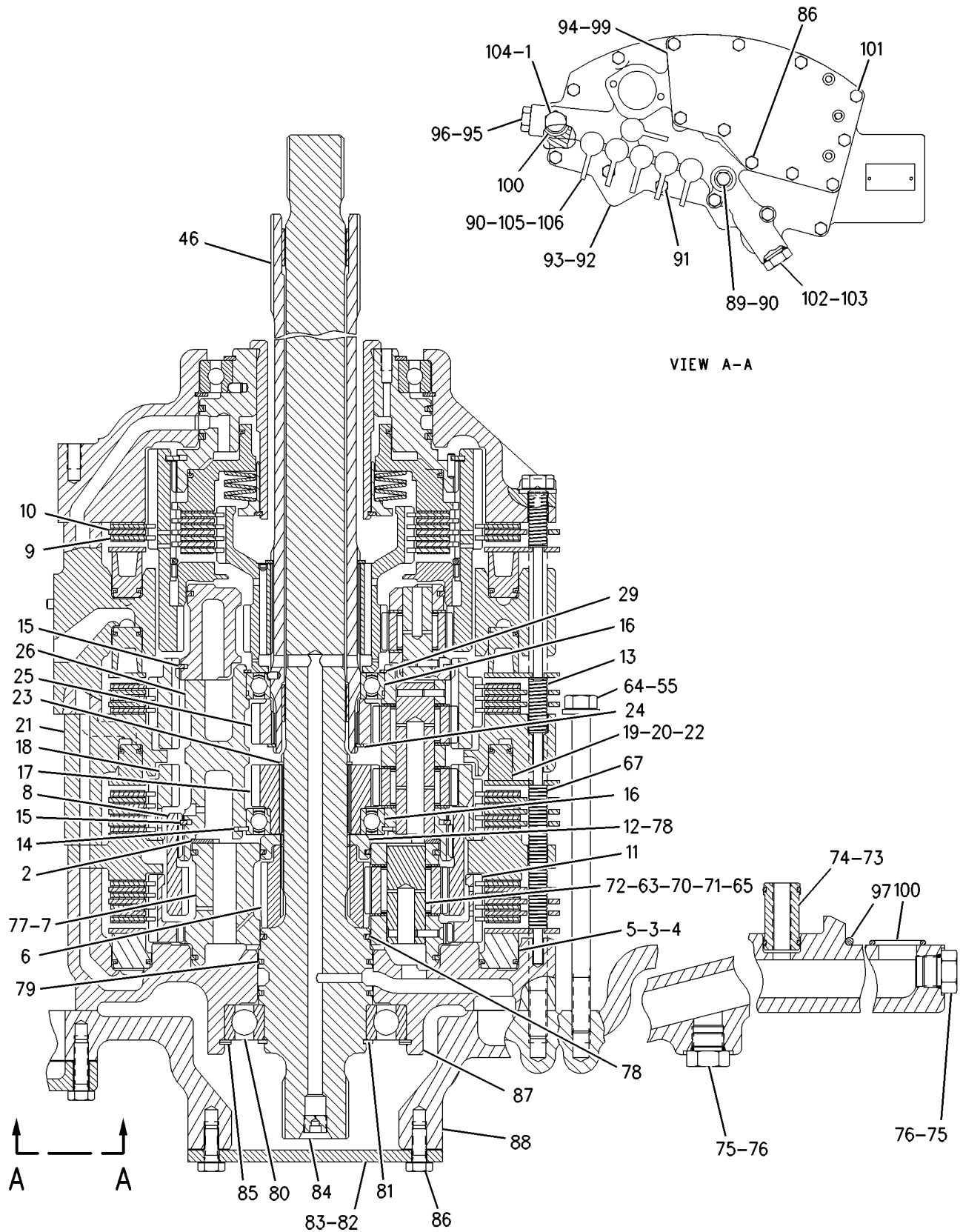
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POWER TRAIN

203-2296 PLANETARY GP - TRANSMISSION (contd.)

i01884418



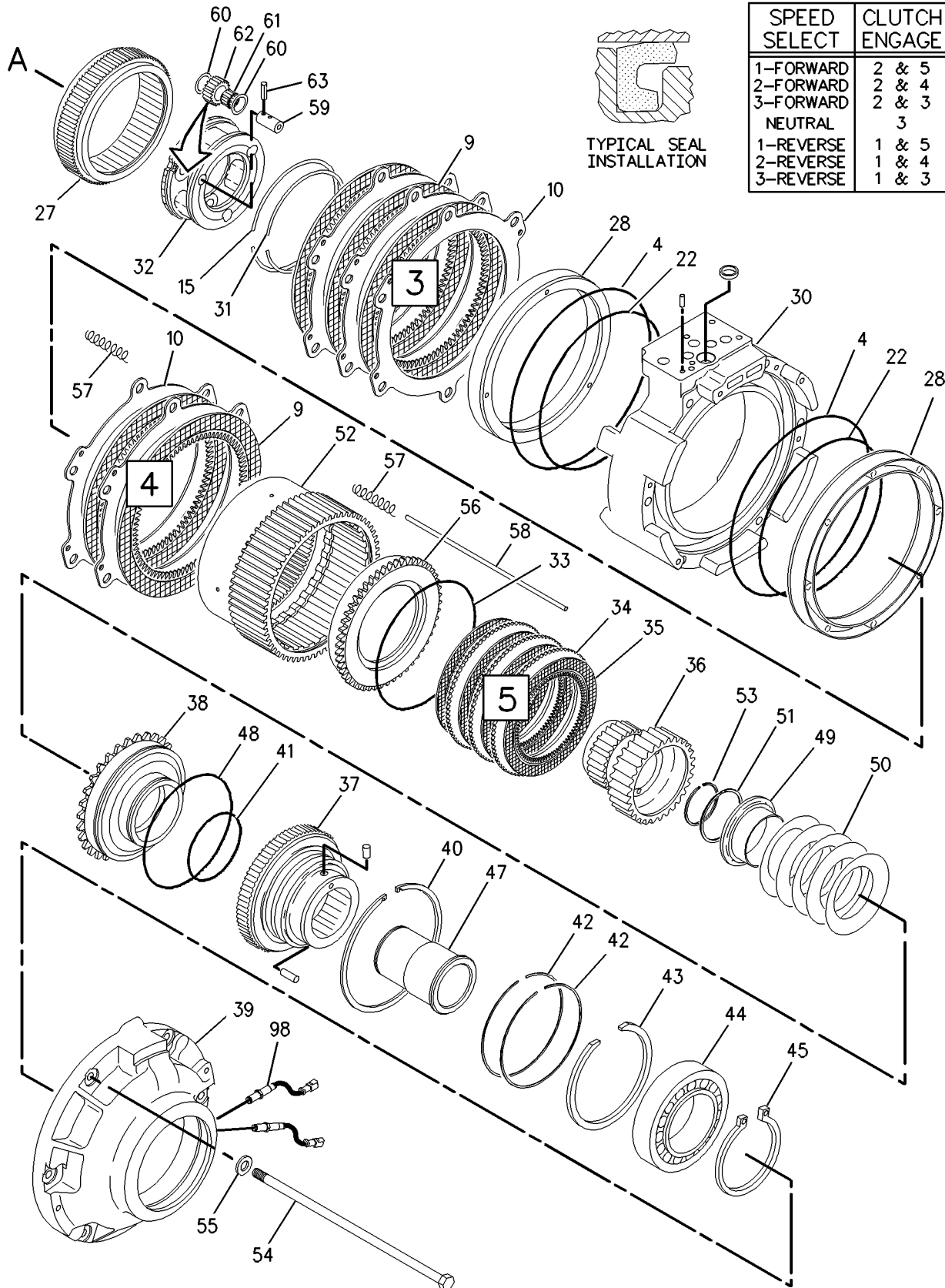
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g00941000

POWER TRAIN

203-2296 PLANETARY GP-TRANSMISSION (contd.)

i01884418



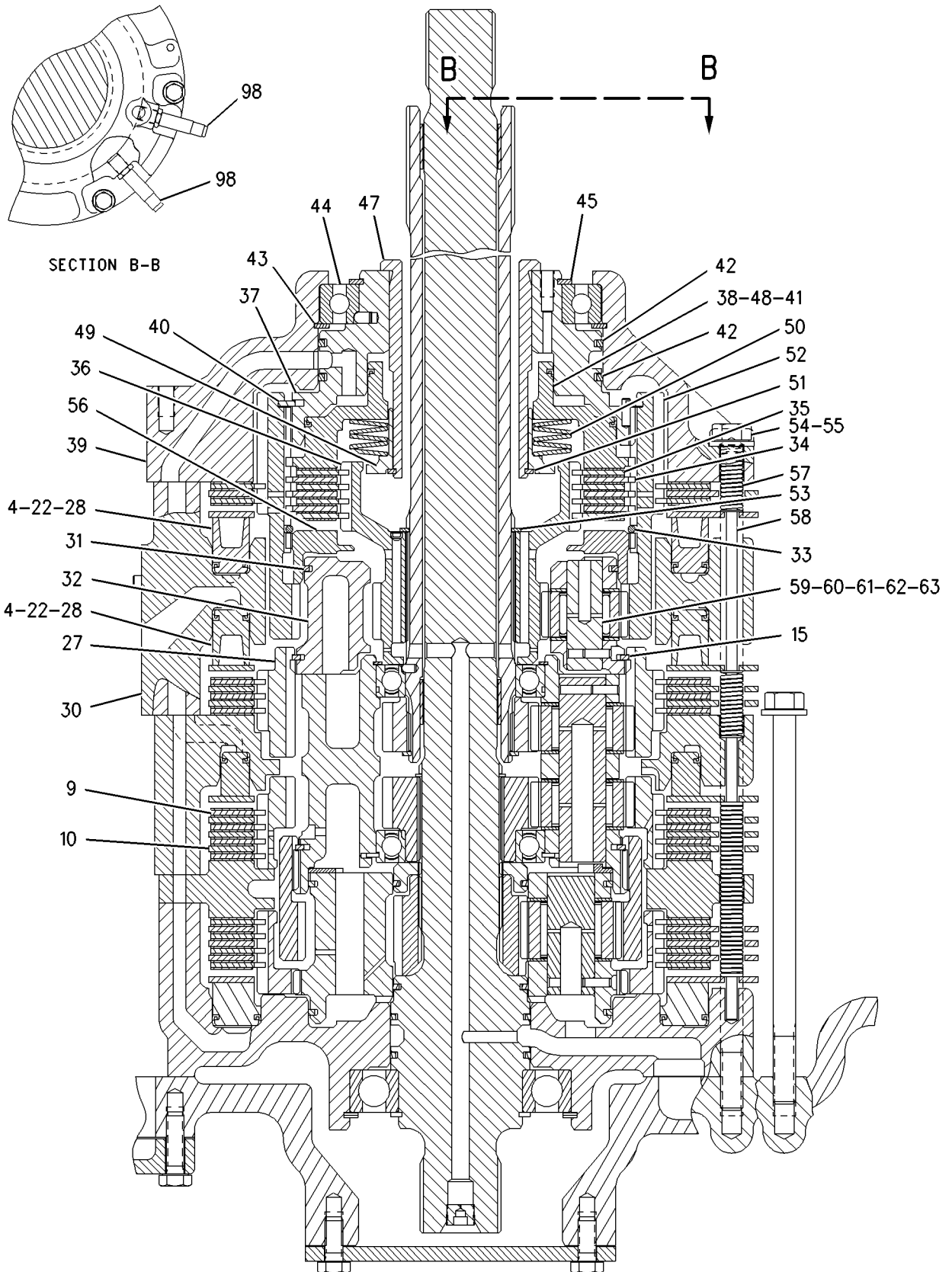
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g00939418

POWER TRAIN

203-2296 PLANETARY GP-TRANSMISSION (contd.)

i01884418



GRAPHIC #4

<END>

g00941001

POWER TRAIN

189-4620 POWER TRAIN AR

S/N: CCK1-UP

PART OF 189-4616 GENERAL AR

SMCS-3000

i01831305

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	193-7361	1	AXLE GP						190
Y	195-0644	1	BRAKE GP-STEERING						295
Y	191-4931	2	FINAL DRIVE GP						198
Y	191-9530	1	LINES GP-POWER TRAIN OIL						200
Y	224-5368	1	MOUNTING GP-TORQUE CONVERTER						203
Y	108-7039	1	MOUNTING GP-TRANSMISSION						204
Y	192-3195	1	PLATE & FILM GP						550
Y	6I-8078	2	SEGMENT GP-SPROCKET						216
Y	178-6690	1	SHAFT GP-DRIVE						217
Y	188-0502	1	TORQUE CONVERTER GP						220
Y	188-2003	1	TRANSMISSION AR						222

Y-SEPARATE ILLUSTRATION

<END>

POWER TRAIN

202-4364 PUMP GP-GEAR-CONVERTER SCAVENGE- CONVERTER/COOLER LUBRICATION-TMSN CHARGING

S/N: CCK1-UP

PART OF 202-4365 PUMP GP-GEAR

SMCS-3115, 3153

i01832919

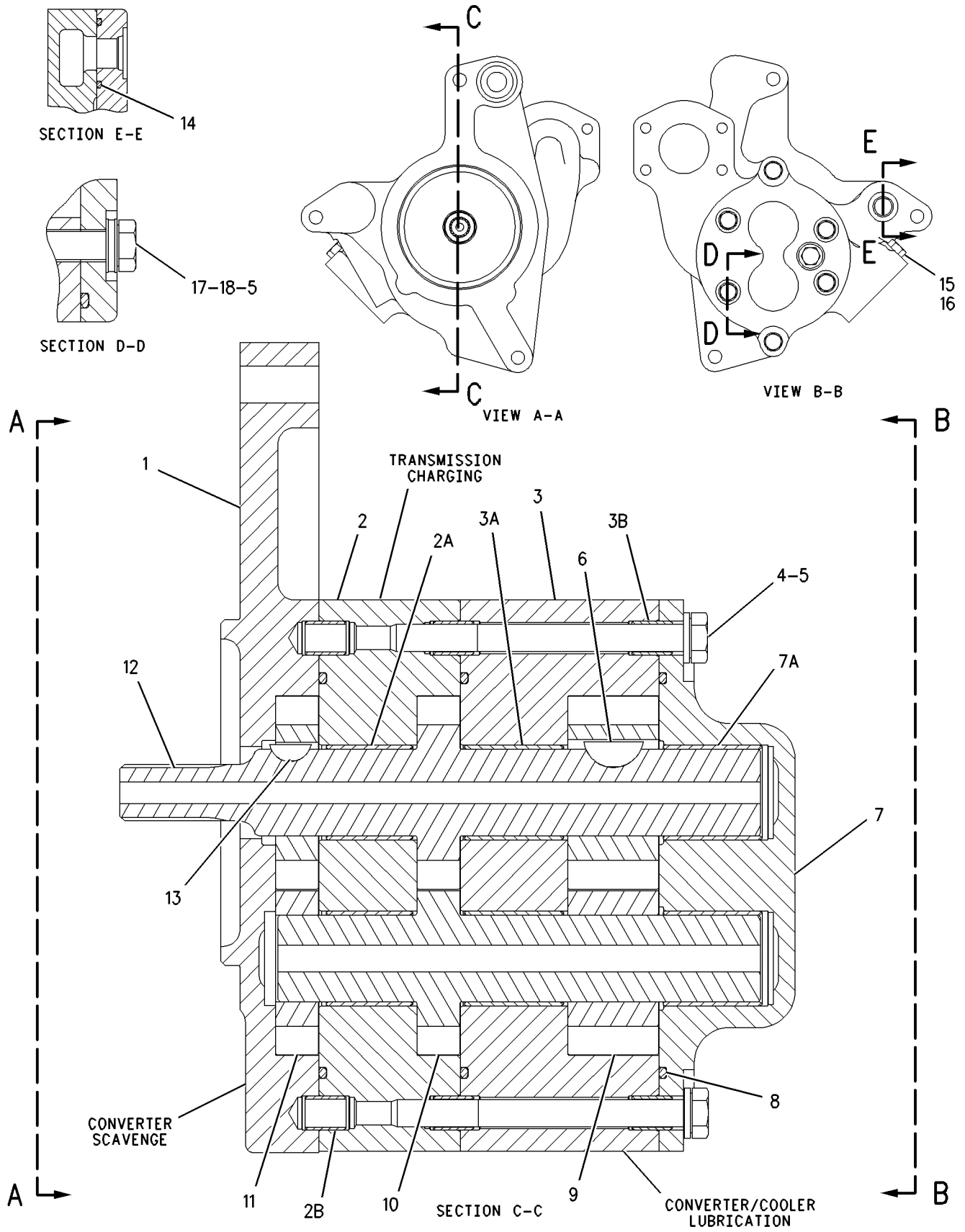
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	202-6488	1	BODY-OIL PUMP (CONVERTER SCAVENGE)						
	2	1	178-9041	1	BODY AS-OIL PUMP (TRANSMISSION CHARGING)						
	2A	1	5M-3320	2	BEARING-SLEEVE						
	2B	1	8M-8489	4	DOWEL						
	3	1	202-0552	1	BODY AS-OIL PUMP (CONVERTER/COOLER LUBRICATION)						
	3A	1	131-0167	2	BEARING-SLEEVE						
	3B	1	8M-8489	2	DOWEL						
M	4	1	8T-5030	2	BOLT (M10X1.5X120MM)						
	5	1	3S-0004	6	WASHER (0.406X0.728X0.09 IN THK)						
	6	1	1B-8736	1	KEY-WOODRUFF						
	7	1	133-1222	1	COVER AS-OIL PUMP						
	7A	1	131-0167	2	BEARING-SLEEVE						
	8	1	2D-8009	3	SEAL-O-RING						
	9	1	202-0551	2	GEAR-OIL PUMP (12 TEETH)						
	10	1	202-0549	1	GEAR-OIL PUMP (12 TEETH)						
	11	1	3T-8757	1	GEAR-OIL PUMP (12 TEETH)						
	12	1	202-0550	1	GEAR-OIL PUMP (12 TEETH)						
	13	1	1B-8705	1	KEY-WOODRUFF						
	14	1	3H-1461	1	SEAL-O-RING						
	15	1	9S-4191	1	PLUG (9/16-18 THD)						
	16	1	3J-1907	1	SEAL-O-RING						
M	17	1	8T-0356	4	BOLT (M10X1.5X160 MM)						
	18	1	6Y-5010	8	WASHER (10.16X19X.84MM THK)						

M-METRIC PART

POWER TRAIN

202-4364 PUMP GP - GEAR (contd.)

i01832919



GRAPHIC #1

<END>

g00778277

POWER TRAIN

202-4365 PUMP GP-GEAR-POWER TRAIN OIL

S/N: CCK1-UP

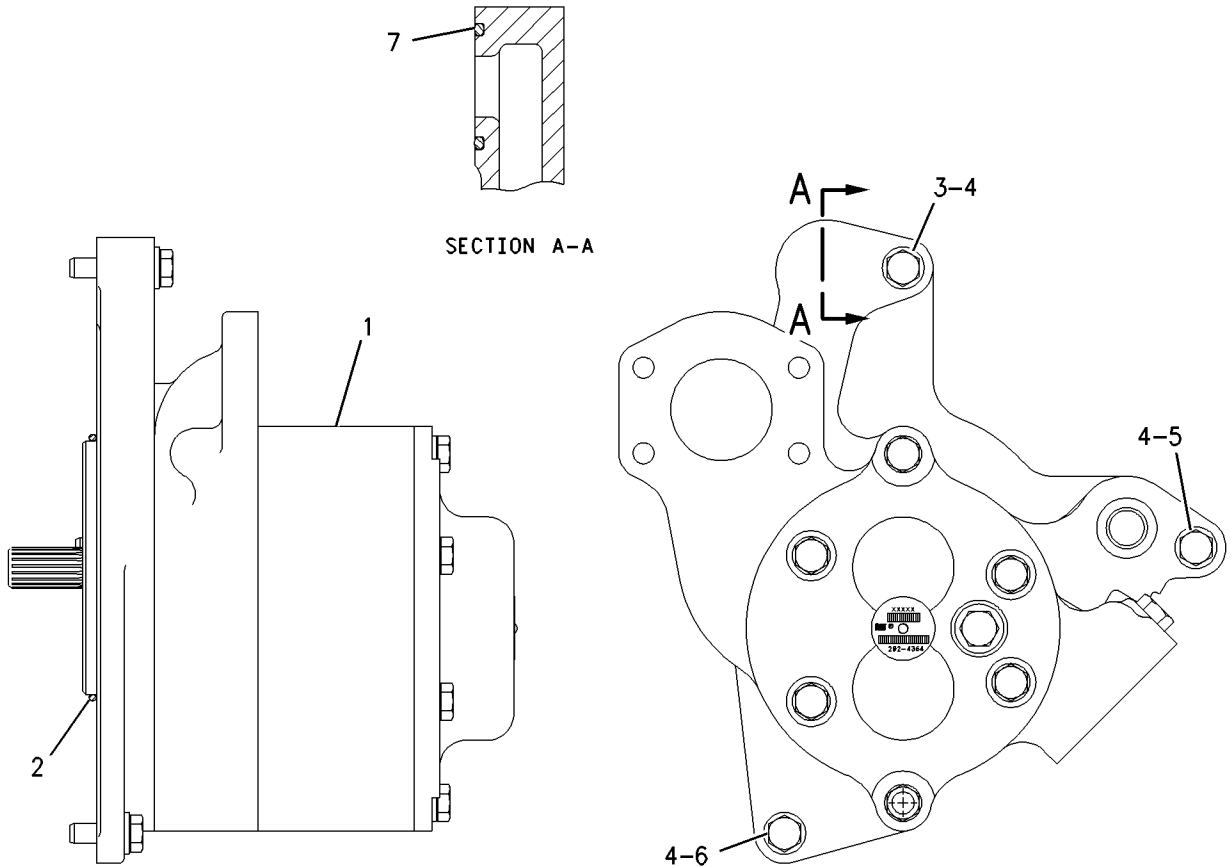
PART OF 191-9530 LINES GP-POWER TRAIN OIL

SMCS-3115, 3153

i01832910

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	202-4364	1	PUMP GP-GEAR						213
	2	1	5F-3106	1	SEAL-O-RING						
M	3	1	8T-4182	1	BOLT (M10X1.5X45MM)						
	4	1	8T-4121	3	WASHER-HARD (11X21X2.5MM THK)						
M	5	1	8T-6466	1	BOLT (M10X1.50X60MM)						
M	6	1	8T-4195	1	BOLT (M10X1.5X30MM)						
	7	1	3H-1461	1	SEAL-O-RING						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00942888

POWER TRAIN

6I-8078 SEGMENT GP-SPROCKET

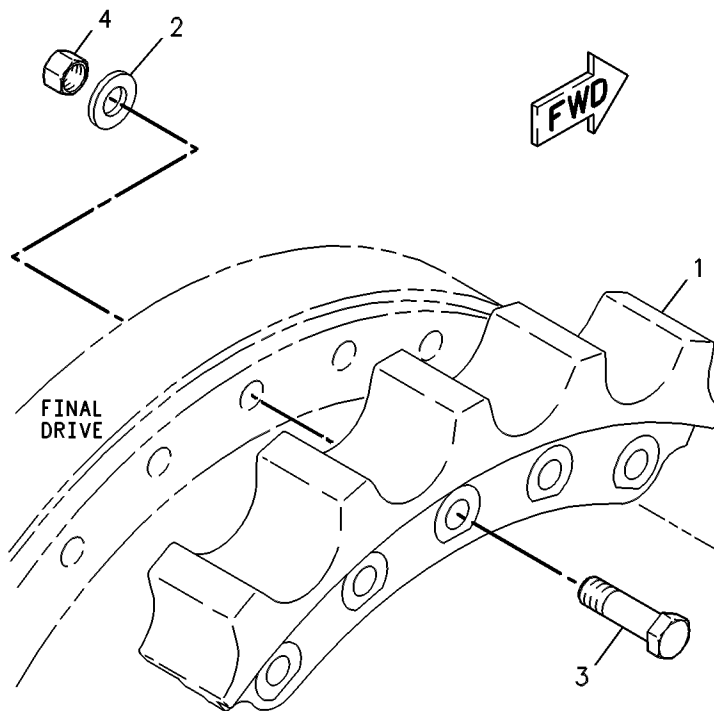
S/N: CCK1-UP

PART OF 189-4620 POWER TRAIN AR

SMCS-4155

i00599656

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-8077	5	SEGMENT-SPROCKET						
	2	1	2S-5658	25	WASHER-HARD (3.0MM THK)						
	3	1	6V-0937	25	BOLT-SPROCKET						
	4	1	7H-3607	25	NUT						



GRAPHIC #1

<END>

g00252401

POWER TRAIN

178-6690 SHAFT GP-DRIVE

S/N: CCK1-UP

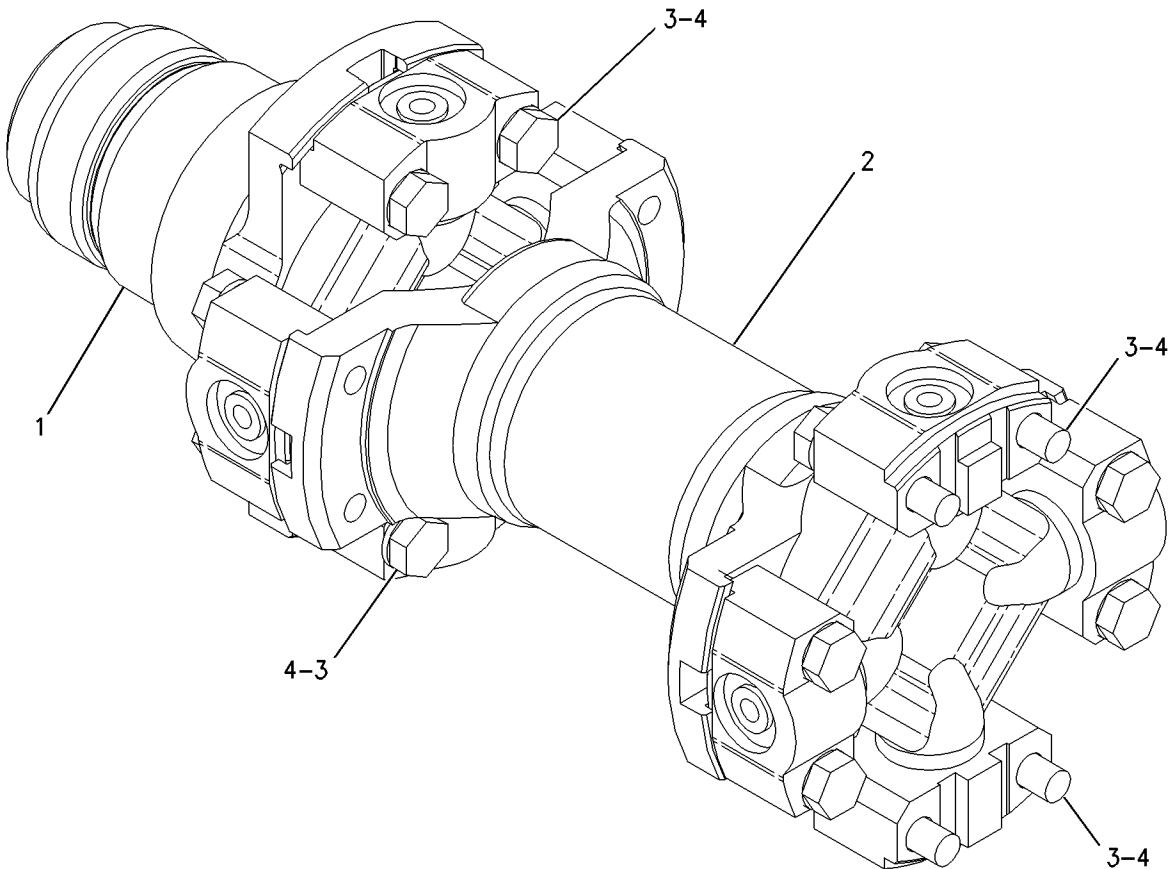
PART OF 189-4620 POWER TRAIN AR

SMCS-3253

i01829883

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	108-8296	1	YOKE AS						
		1	4B-4098	1	PLUG-CUP						
		1	7F-6935	1	RACE-BEARING INNER						
Y	2	1	222-3351	1	UNIVERSAL JOINT GP						223
M	3	1	6V-5843	8	BOLT (M10X1.50X45MM)						
	4	1	9X-2027	8	WASHER (11X18X2MM THK)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00932307

POWER TRAIN

175-2296 TORQUE CONVERTER GP

S/N: BZA1-UP

PART OF 188-0502 TORQUE CONVERTER GP

SMCS-3101, 3102, 3105, 3127, 3128, 3129, 3130,
3131, 3134, 3135, 3136

i01829878

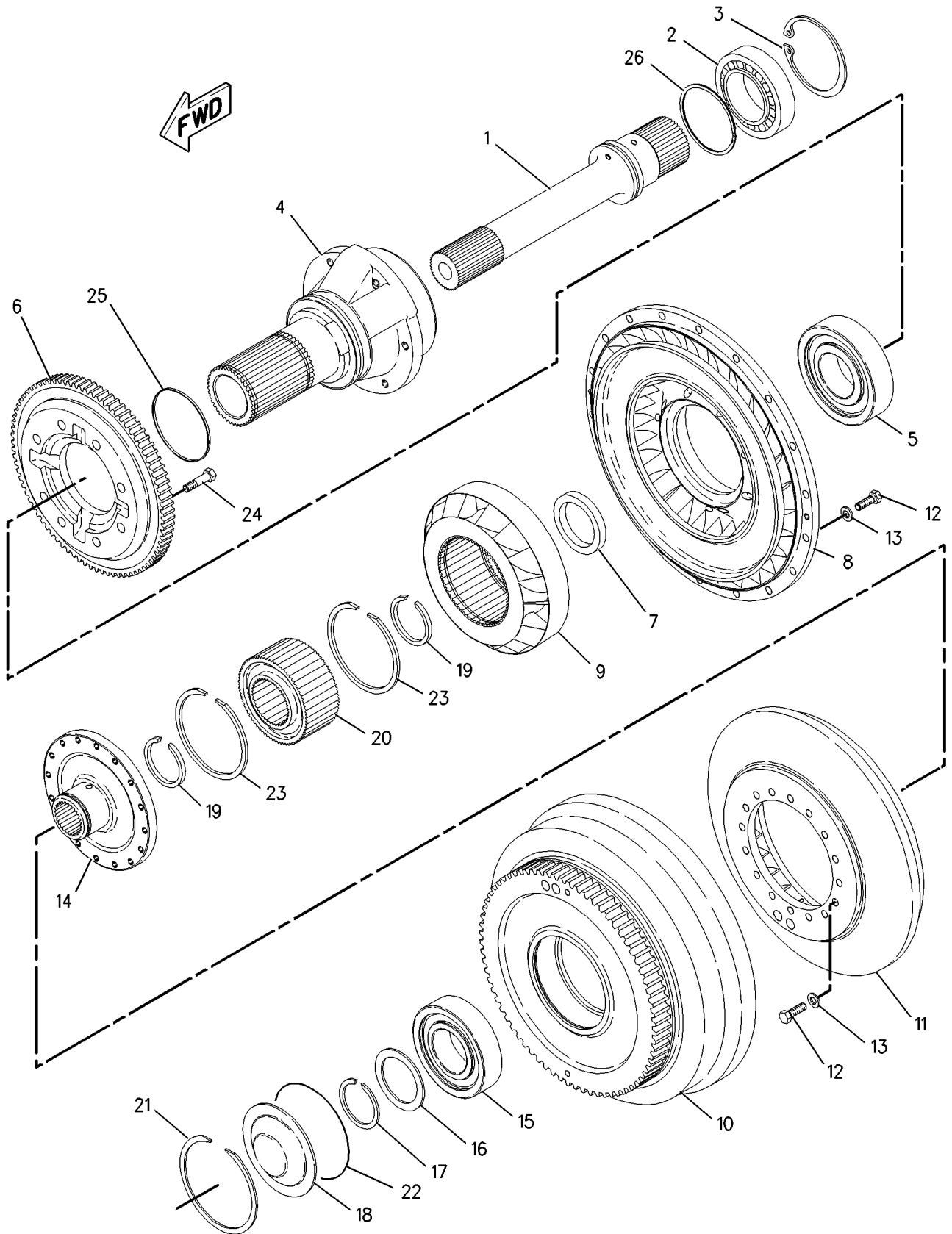
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6Y-3159	1	SHAFT-OUTPUT						
	2	1	1T-0043	1	BALL BEARING						
	3	1	1J-6472	1	RING-RETAINING						
	4	1	129-1262	1	CARRIER AS						
		1	4S-8541	1	DOWEL						
	5	1	129-2380	1	BALL BEARING						
	6	1	6Y-3167	1	GEAR-PUMP DRIVE (77 TEETH)						
	7	1	8E-6647	1	SPACER						
	8	1	6Y-1084	1	IMPELLER-CONVERTER						
	9	1	6Y-3151	1	STATOR-CONVERTER						
	10	1	218-3598	1	HOUSING						
	11	1	6Y-3149	1	TURBINE-CONVERTER						
M	12	1	6V-1820	34	BOLT (M10X1.50X30MM)						
	13	1	6V-5839	34	WASHER (11X21X2.5MM THK)						
	14	1	8E-6539	1	HUB AS						
		1	4S-8541	1	DOWEL						
	15	1	8E-5247	1	BALL BEARING						
	16	1	8E-6648	1	SPACER (60.2X80X3MM THK)						
	17	1	064-3843	1	RING-SNAP						
	18	1	6Y-1087	1	COVER-END						
	19	1	6V-8128	2	RING-RETAINING						
	20	1	6Y-1093	1	ADAPTER-SPLINED						
	21	1	5K-9065	1	RING-RETAINING						
	22	1	3E-6799	1	SEAL-O-RING						
	23	1	5P-6414	2	RING-RETAINING						
M	24	1	6V-7673	8	BOLT (M12X1.75X50MM)						
	25	1	1T-1621	1	RING-SEAL						
	26	1	1T-0234	1	RING-METAL SEAL						

M-METRIC PART

POWER TRAIN

175-2296 TORQUE CONVERTER GP (contd.)

i01829878



GRAPHIC #1

<END>

g00773718

POWER TRAIN

188-0502 TORQUE CONVERTER GP

S/N: CCK1-UP

PART OF 189-4620 POWER TRAIN AR

SMCS-3101, 3102, 3105, 3127, 3128, 3129, 3130,
3131, 3134, 3135, 3136

i01898240

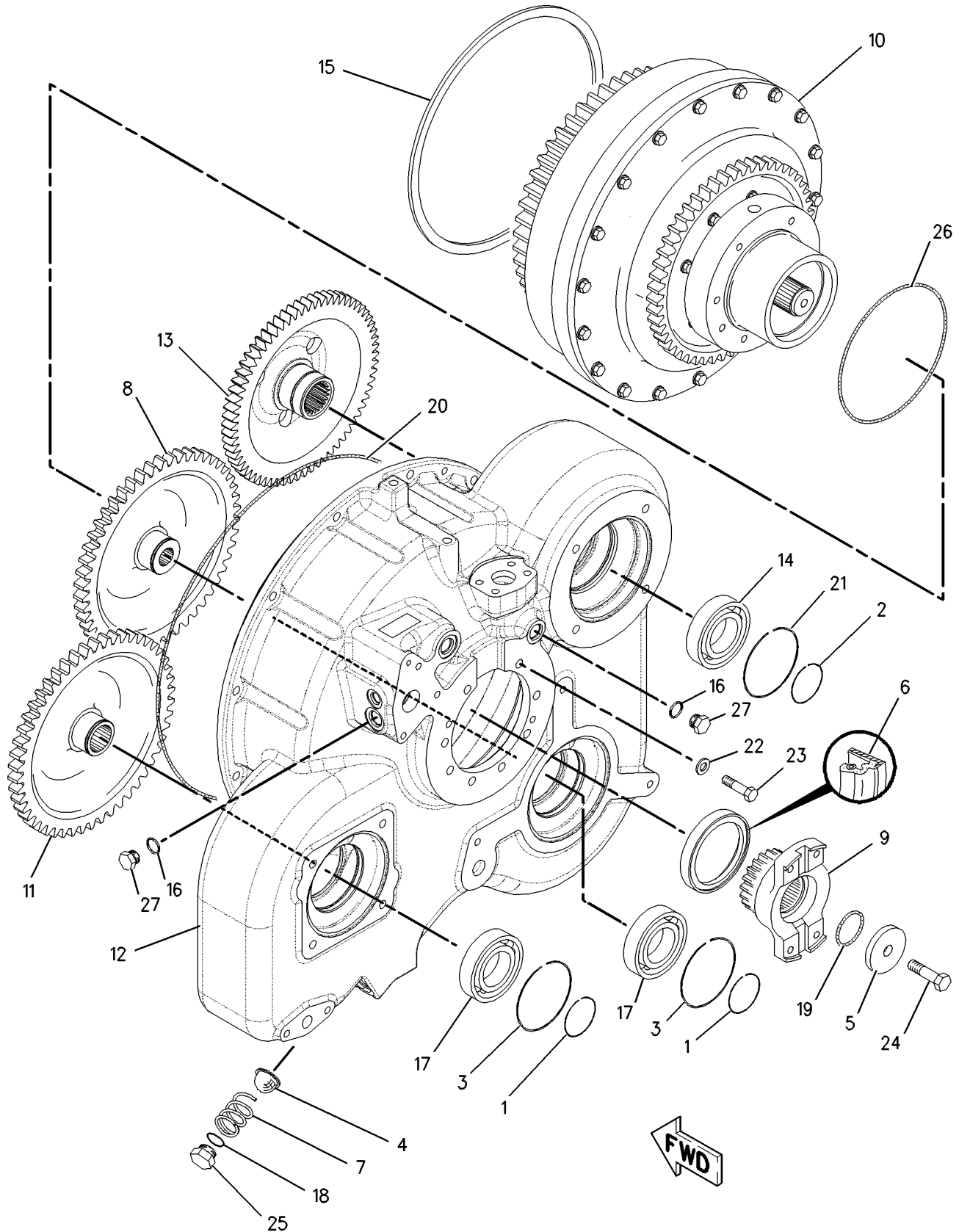
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1T-0034	2	RING-LOCK						
	2	1	1T-0205	1	RING-SNAP						
	3	1	1T-0933	2	RING-RETAINING						
	4	1	3T-6471	1	SCREEN AS (TORQUE CONVERTER SCAVENGE)						
		1	3T-6469	1	WASHER						
	5	1	7G-3496	1	RETAINER						
	6	1	9X-7719	1	SEAL-LIP						
	7	1	9J-0461	1	SPRING						
	8	1	110-1211	1	GEAR-PUMP DRIVE (77 TEETH)						
	9	1	106-0721	1	YOKE						
Y	10	1	175-2296	1	TORQUE CONVERTER GP						218
	11	1	6Y-3164	1	GEAR-PUMP DRIVE (77 TEETH)						
	12	1	188-0501	1	HOUSING						
	13	1	225-4286	1	GEAR-PUMP DRIVE (68 TEETH)						
	14	1	1T-0043	1	BALL BEARING						
	15	1	1T-1639	1	RING						
	16	1	3K-0360	2	SEAL-O-RING (TORQUE CONVERTER DRAIN PLUG)						
	17	1	4B-3665	2	BALL BEARING						
	18	1	4K-1388	1	SEAL-O-RING (TORQUE CONVERTER DRAIN PLUG)						
	19	1	5P-5846	1	SEAL-O-RING						
	20	1	5P-9806	1	SEAL-O-RING						
	21	1	8C-3229	1	RING-RETAINING						
	22	1	8T-4121	8	WASHER-HARD (11X21X2.5MM THK)						
M	23	1	8T-4195	8	BOLT (M10X1.5X30MM)						
M	24	1	8T-4910	1	BOLT (M12X1.75X60MM)						
	25	1	9S-4188	1	PLUG (TORQUE CONVERTER DRAIN)						
	26	1	9F-1399	1	SEAL-O-RING						
	27	1	9S-4185	2	PLUG (TORQUE CONVERTER DRAIN)						
F		1	7X-7816	1	PLATE-SERIAL NUMBER (TORQUE CONVERTER)						

F - NOT SHOWN
M - METRIC PART
Y - SEPARATE ILLUSTRATION

POWER TRAIN

188-0502 TORQUE CONVERTER GP (contd.)

i01898240



GRAPHIC #1

<END>

g00913726

POWER TRAIN

188-2003 TRANSMISSION AR

S/N: BJK1-UP

PART OF 189-4620 POWER TRAIN AR

SMCS-3030, 3060, 3160

i01831415

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	205-3603	1	CONTROL GP-TRANSMISSION						191
Y	188-2009	1	DIFFERENTIAL & BEVEL GEAR GP						193
Y	203-2296	1	PLANETARY GP-TRANSMISSION						205

Y-SEPARATE ILLUSTRATION

<END>

POWER TRAIN

222-3351 UNIVERSAL JOINT GP

S/N: CCK1-UP

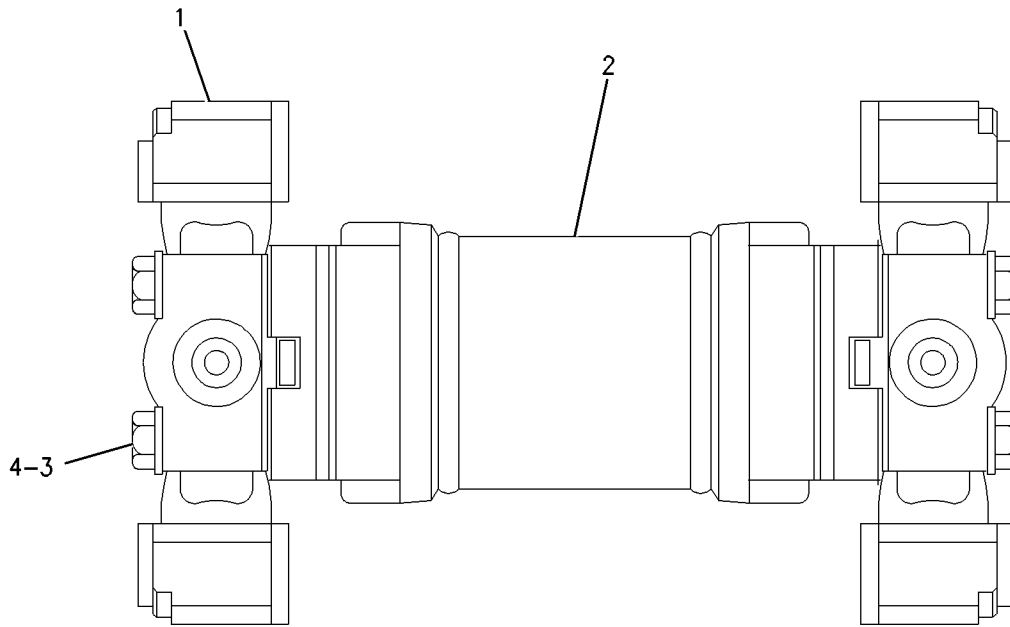
PART OF 178-6690 SHAFT GP-DRIVE

SMCS-3251, 3253

i01829885

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	108-6587	2	BEARING						
	2	1	222-3352	1	TUBE						
M	3	1	6V-5843	8	BOLT (M10X1.50X45MM)						
	4	1	9X-2027	8	WASHER (11X18X2MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g00938014

POWER TRAIN

216-5338 VALVE GP-MODULATING-TRANSMISSION CONTROL

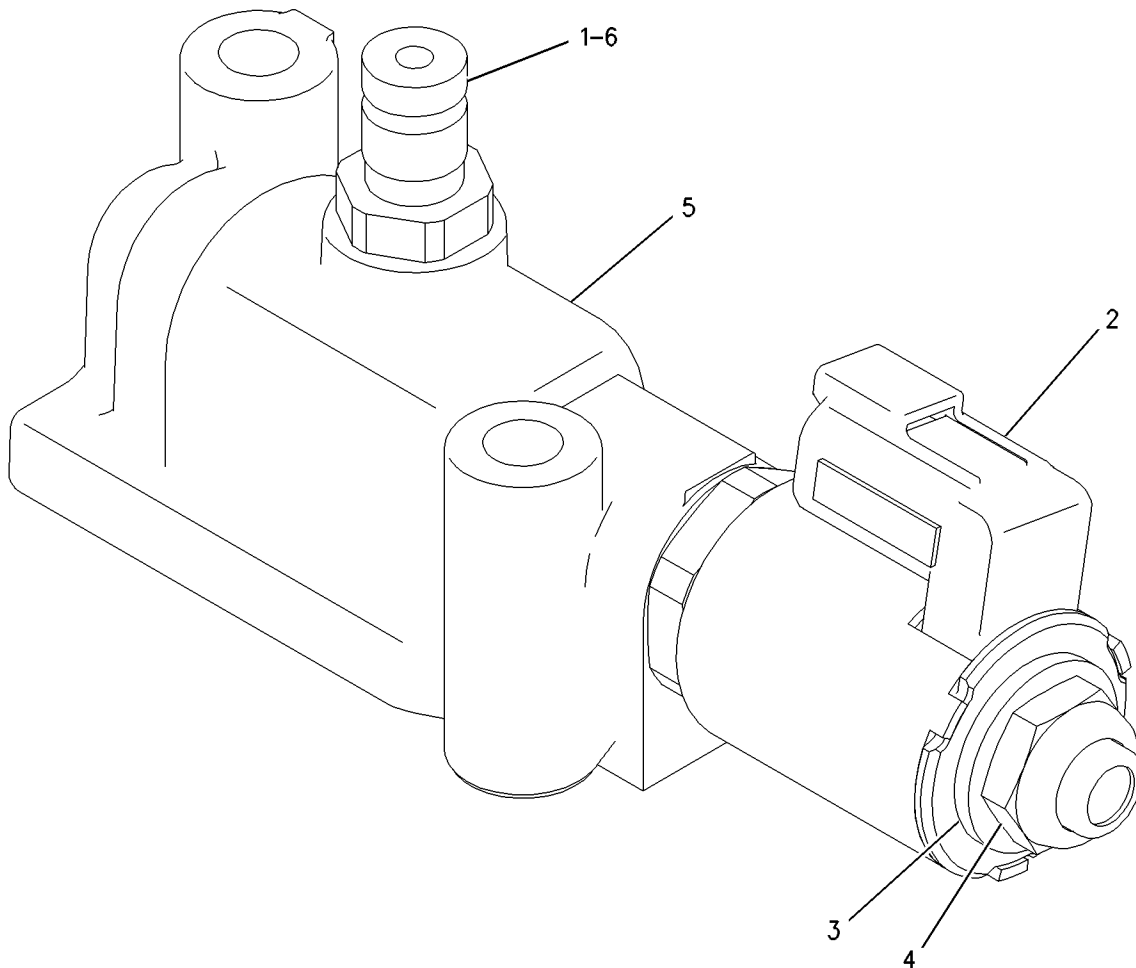
S/N: BJG1-UP

FIELD REPLACEMENT FOR 220-4324-PAGE 225

SMCS-3139

i01890932

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
1	1	1	6V-3965	1	FITTING AS						
2	1	1	145-1144	1	COIL AS						
3	1	1	164-2108	1	WASHER (13.03X25.4X2.38MM THK)						
4	1	1	167-9524	1	NUT-SELF LOCKING (1/2-28 THD)						
5	1	1		1	VALVE AS						
6	1	1	3J-1907	1	SEAL-O-RING						



GRAPHIC #1

<END>

g00913352

POWER TRAIN

220-4324 VALVE GP-MODULATING-TRANSMISSION CONTROL

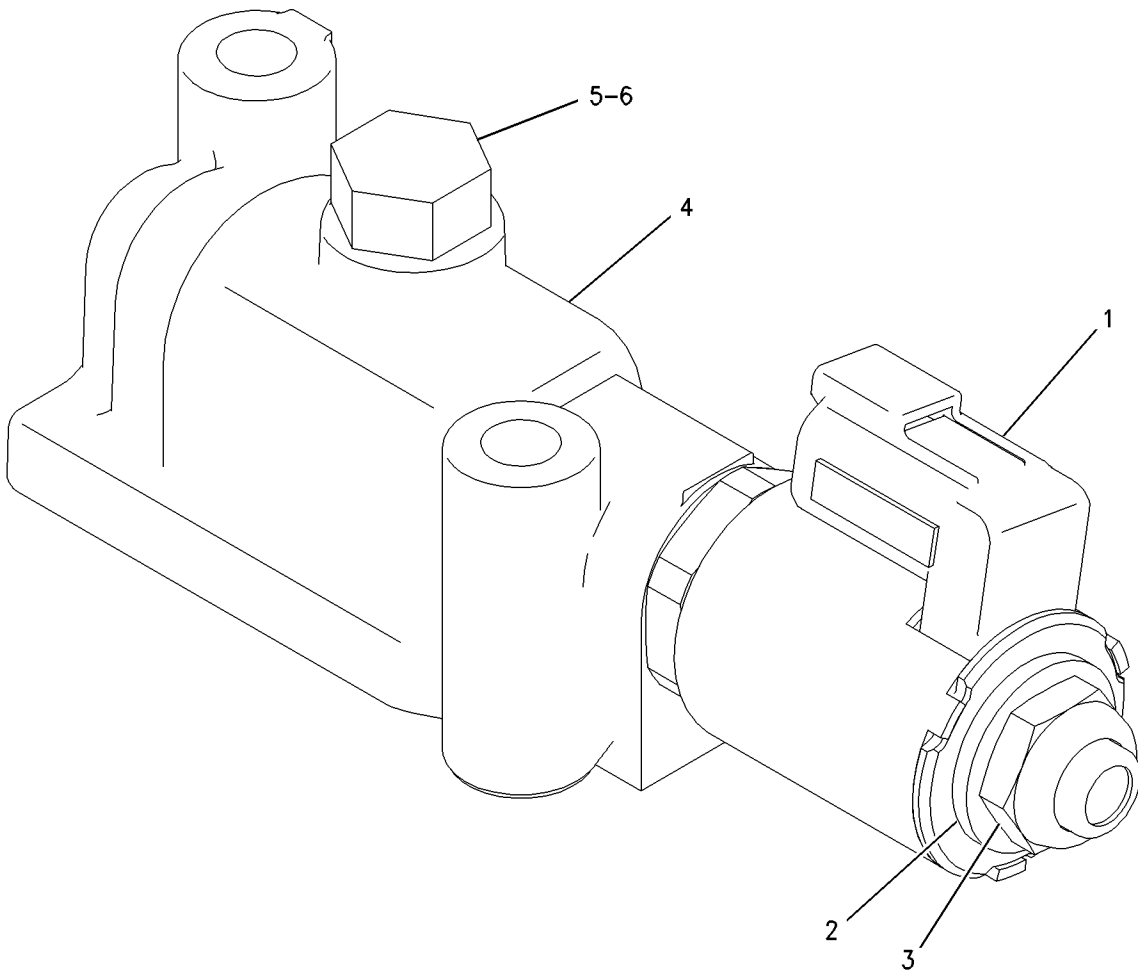
S/N: B JG1-UP

PART OF 205-3603 CONTROL GP-TRANSMISSION
FIELD REPLACEMENT ORDER 216-5338-PAGE 224

SMCS-3139

i01892773

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	145-1144	1	COIL AS						
	2	1	164-2108	1	WASHER (13.03X25.4X2.38MM THK)						
	3	1	167-9524	1	NUT-SELF LOCKING (1/2-28 THD)						
	4	1	216-5344	1	VALVE AS						
		1	118-3731	1	SPRING						
		1	112-5282	1	SEAL-O-RING						
		1	117-2983	1	SEAL-O-RING						
		1	9N-1756	1	SEAL-O-RING						
	5	1	3J-1907	1	SEAL-O-RING						
	6	1	9S-4191	1	PLUG						



GRAPHIC #1

<END>

g00913356

POWER TRAIN

193-3849 VALVE GP-PRIORITY-POWER TRAIN OIL

S/N: CCK1-UP

PART OF 191-9530 LINES GP-POWER TRAIN OIL

SMCS-3180, 4320

i01832889

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5S-7816	1	SLUG						
	2	1	9S-8001	4	PLUG						
	3	1	108-6523	1	ADJUSTER AS						
		1	4K-2039	1	SEAL-O-RING						
		1	7M-8485	1	SEAL-O-RING						
		1	8T-4223	1	WASHER-HARD (13.5X25.5X3MM THK)						
		1	9U-8069	1	PLUG						
M		1	09S-1207	1	NUT (M12X1.75 THD)						
		1	101-9754	1	SCREW-ADJUSTMENT						
	4	1	110-9734	1	VALVE						
	5	1	140-2964	1	RETAINER AS						
	6	1	150-7938	1	SPRING						
	7	1	153-4247	1	STOP						
	8	1	173-2472	1	SPOOL AS						
		1	5M-9548	1	SPRING						
		1	8M-2537	1	RETAINER						
		1	9M-4313	1	POPPET						
		1	173-0887	1	RING-RETAINING						
	9	1	9S-4191	3	PLUG						
Y	10	1	198-4607	1	VALVE GP-SOLENOID						231
	11	1	9S-8004	3	PLUG						
	12	1	217-2730	1	ORIFICE						
	13	1	1P-4578	2	FLANGE-HALF						
	14	1	2S-4078	1	SEAL-O-RING						
	15	1	3J-1907	6	SEAL-O-RING						
	16	1	4J-7533	4	SEAL-O-RING						
	17	1	8C-3101	1	SEAL-O-RING						
	18	1	8C-3206	8	FLANGE-HALF						
	19	1	8T-4121	26	WASHER-HARD (11X21X2.5MM THK)						
M	20	1	8T-4196	20	BOLT (M10X1.5X35MM)						
M	21	1	8T-4198	6	BOLT (M10X1.5X100MM)						

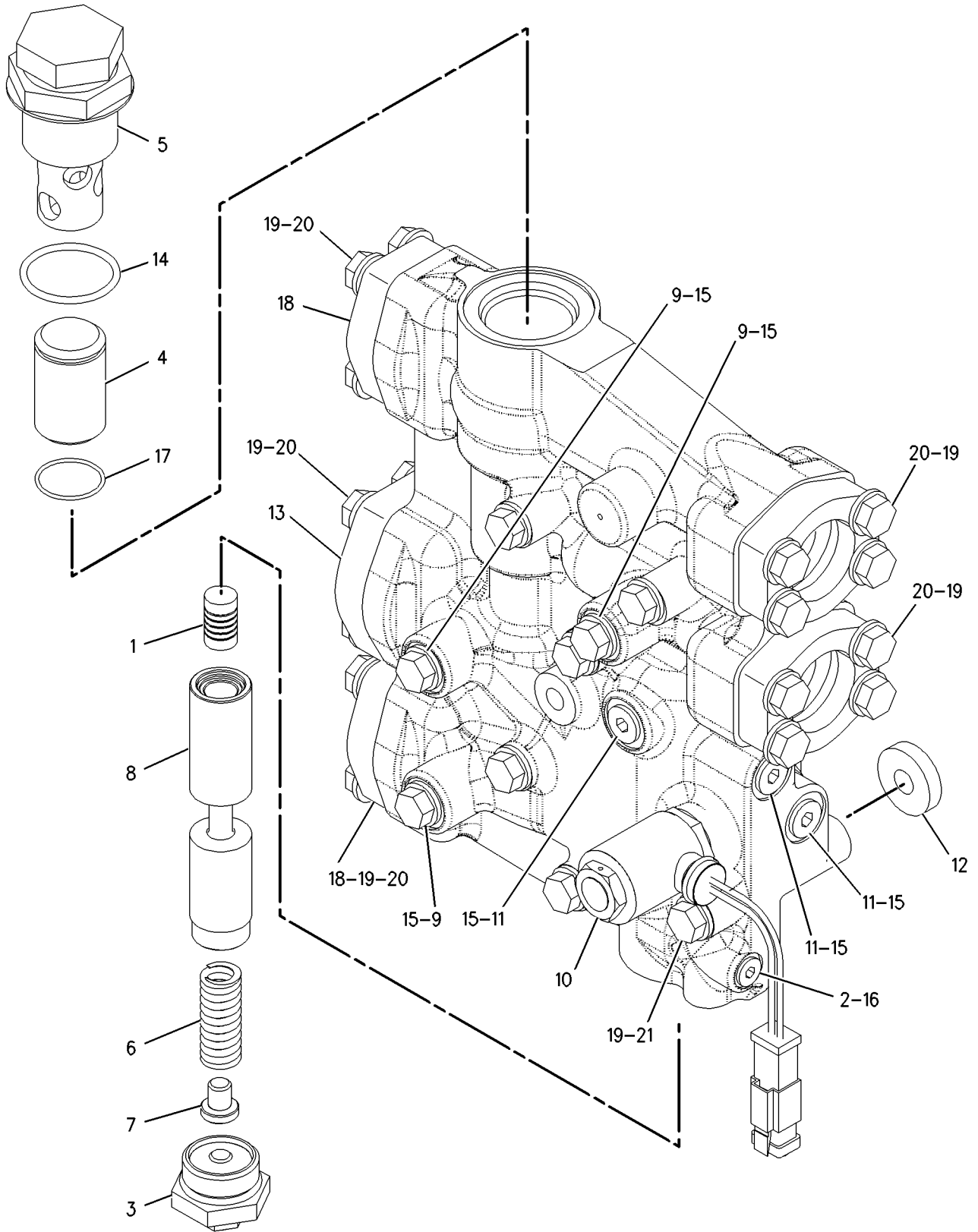
M-METRIC PART

Y-SEPARATE ILLUSTRATION

POWER TRAIN

193-3849 VALVE GP - PRIORITY (contd.)

i01832889



GRAPHIC #1

<END>

g00942207

POWER TRAIN

6Y-8473 VALVE GP-RELIEF-POWER TRAIN OIL

S/N: CCK1-UP

PART OF 191-9530 LINES GP-POWER TRAIN OIL

SMCS-3133, 3182

i01823044

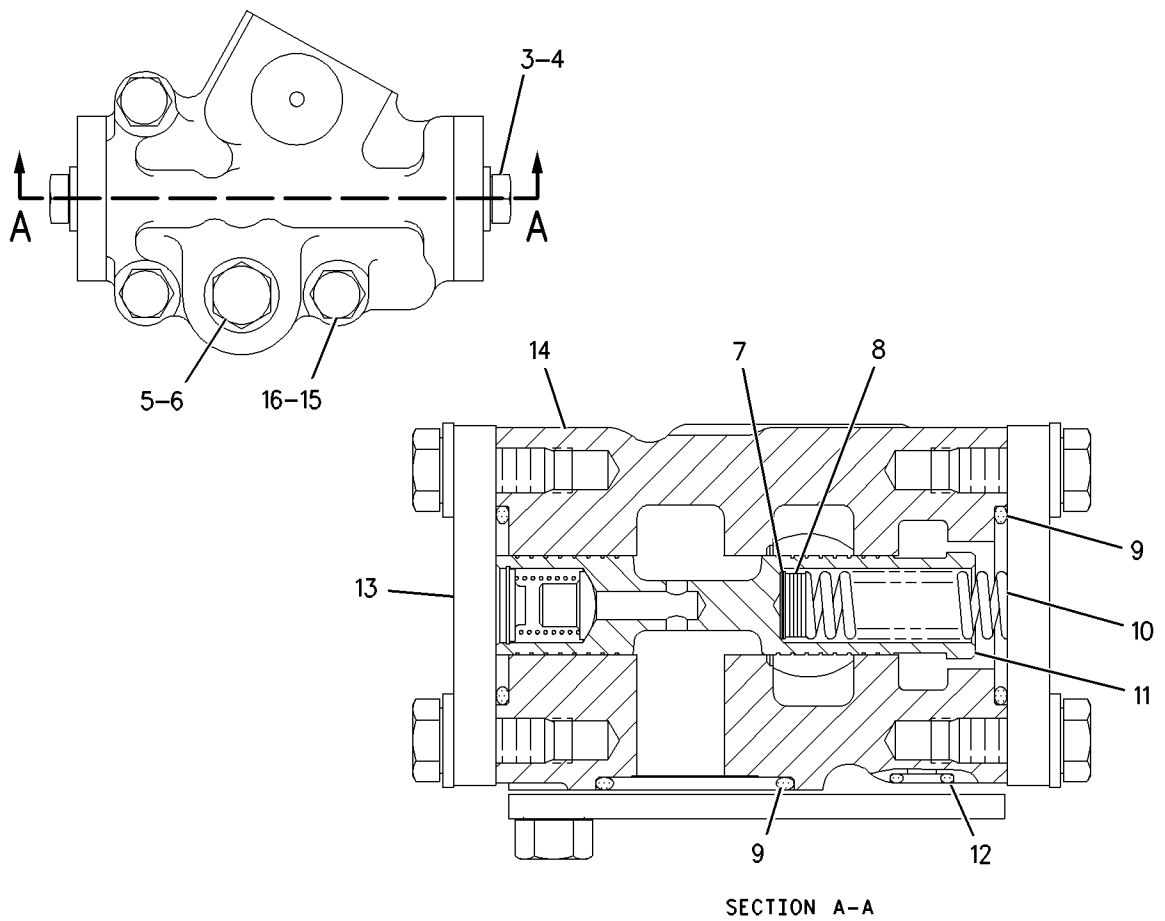
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	3	1	8T-4136	4	BOLT (M10X1.5X25MM)						
	4	1	8T-4121	4	WASHER-HARD (11X21X2.5MM THK)						
	5	1	3J-1907	1	SEAL-O-RING						
	6	1	6V-3965	1	FITTING AS						
B	7	1	4M-1751	3	SPACER (15.09X0.4MM THK)						
B	8	1	5S-7001	5	SPACER (7.54X14.15X.9MM THK)						
	9	1	8M-4986	3	SEAL-O-RING						
	10	1	2S-1382	1	SPRING (.094X.594X1.97IN)						
	11	1	2S-1384	1	SPOOL AS-RELIEF						
		1	5M-9548	1	SPRING						
		1	7M-8592	1	RING-RETAINING						
		1	8M-2538	1	POPPET						
		1	8M-4409	1	RETAINER						
	12	1	6V-4365	1	SEAL-O-RING						
	13	1	4M-8239	2	COVER						
	14	1	6Y-4365	1	FENDER AS-LH						
M	15	1	8T-0643	3	BOLT (M10X1.50X80MM)						
	16	1	6V-5839	3	WASHER (11X21X2.5MM THK)						

B-USE AS REQUIRED
M-METRIC PART

POWER TRAIN

6Y-8473 VALVE GP-RELIEF (contd.)

i01823044



GRAPHIC #1

<END>

g00937011

POWER TRAIN

205-3602 VALVE GP-RELIEF-TRANSMISSION CONTROL

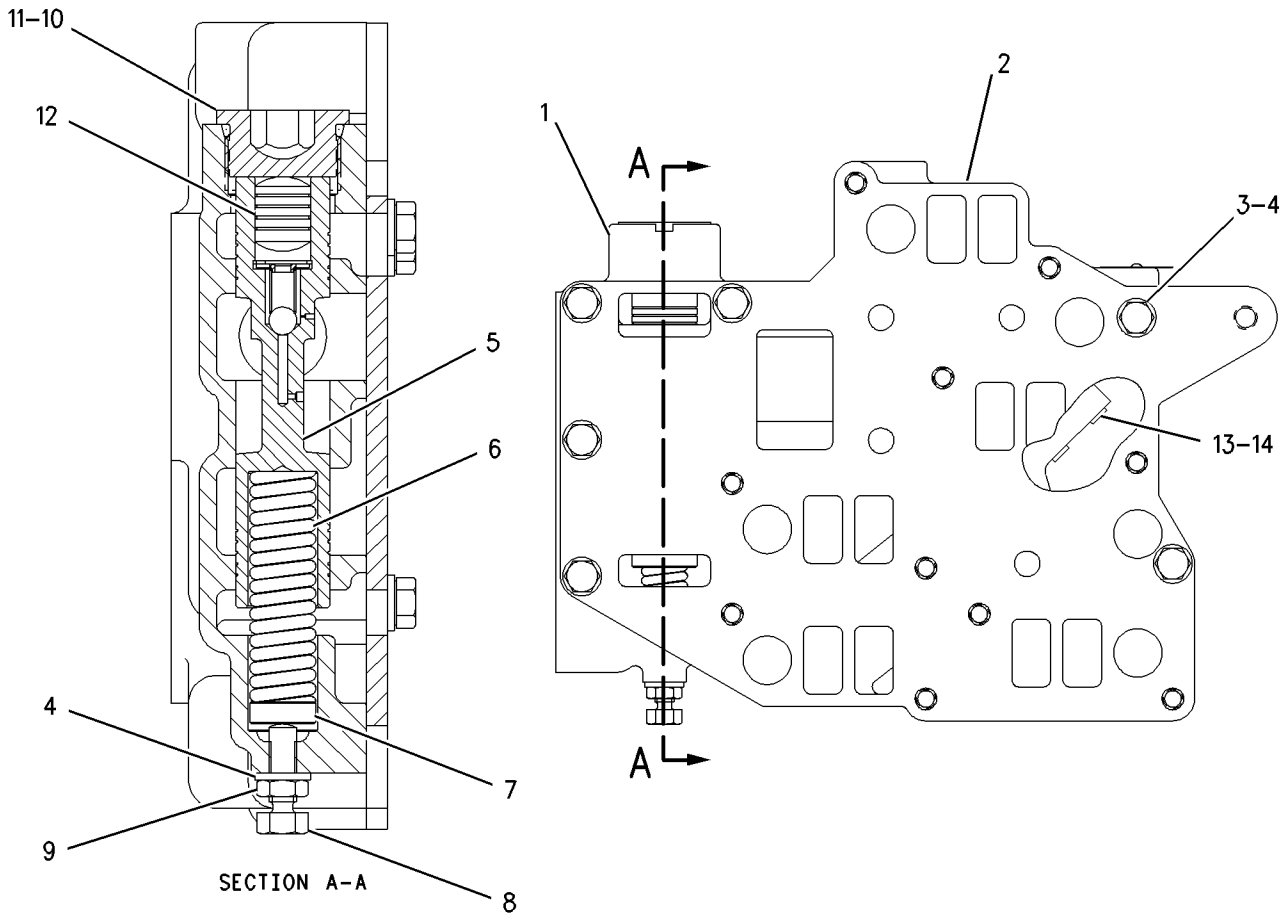
S/N: BJJ1-UP

PART OF 205-3603 CONTROL GP-TRANSMISSION

SMCS-3133, 3182

i01829866

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	200-8498	1	MANIFOLD						
	2	1	106-9214	1	PLATE						
	3	1	2B-2695	6	BOLT (5/16-18X0.875 IN)						
	4	1	9M-1974	7	WASHER-HARD (8.8X16X2MM THK)						
	5	1	109-3968	1	SPOOL AS-RELIEF						
	6	1	106-9212	1	SPRING						
	7	1	109-3969	1	STOP						
	8	1	4M-5905	1	SCREW-ADJUSTMENT (5/16-18X1 IN)						
	9	1	5B-3180	1	NUT (5/16-18 THD)						
	10	1	6Y-4638	1	PLUG-HEX SOCKET						
	11	1	7M-8485	1	SEAL-O-RING						
	12	1	2M-7041	1	SLUG						
	13	1	9S-8001	7	PLUG						
	14	1	4J-7533	7	SEAL-O-RING						



GRAPHIC #1

<END>

g00909569

POWER TRAIN

198-4607 VALVE GP-SOLENOID-POWER TRAIN OIL PRIORITY VALVE

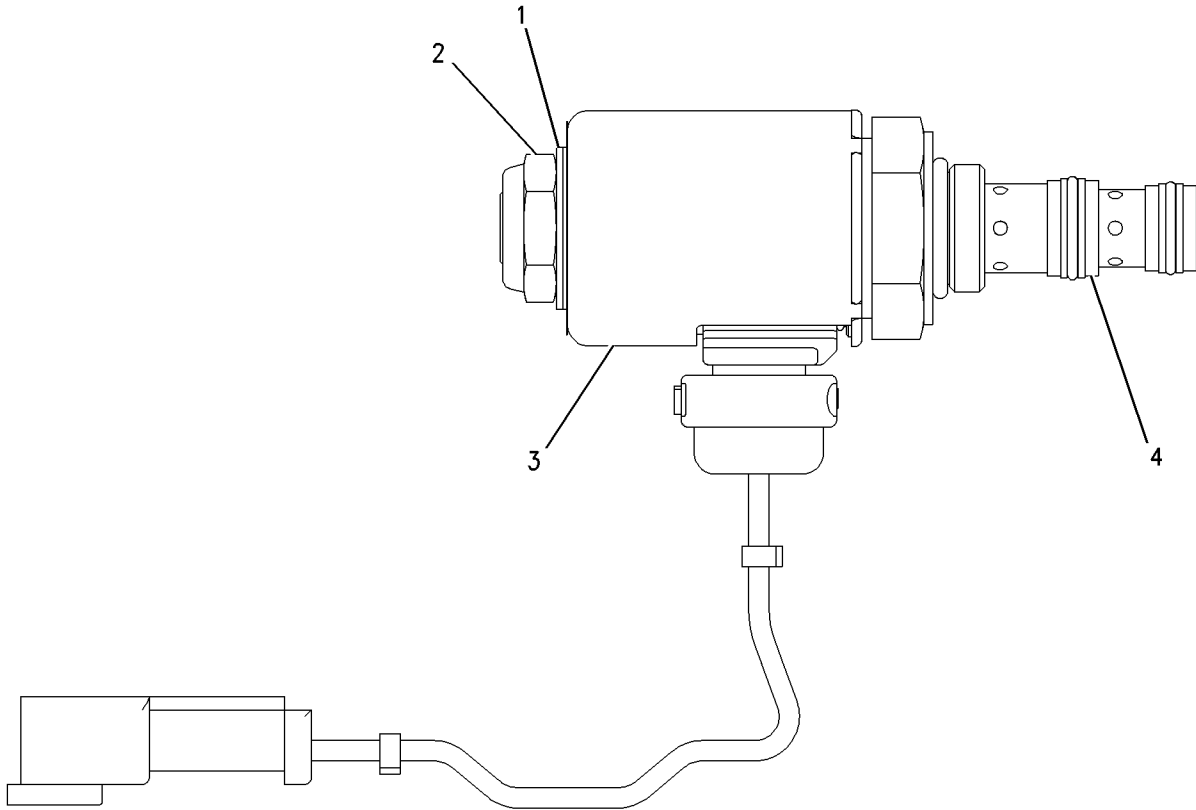
S/N: CCK1-UP

PART OF 193-3849 VALVE GP-PRIORITY

SMCS-4282, 5479

i01885464

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-7202	1	WASHER (13.59X23.88X1.02MM THK)						
	2	1	156-5970	1	NUT (1/2-20-2B THD)						
	3	1	213-8760	1	COIL AS						
		1	1S-9593	2	STRAP-CABLE						
		1	102-8802	1	KIT-RECEPTACLE (2 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	186-3735	2	PIN-CONNECTOR						
		1	033-6032	1	SEAL-O-RING						
4		1	198-4605	1	SPOOL AS						
		1	9X-7202	1	WASHER (13.59X23.88X1.02MM THK)						
		1	156-5970	1	NUT (1/2-20-2B THD)						
					AVAILABLE REPAIR KIT(S) :						
			7T-4515	1	KIT-SEAL (SOLENOID VALVE)						
					(INCLUDES SEALS)						



GRAPHIC #1

<END>

g00845356

POWER TRAIN

201-7269 VALVE GP-TRANSMISSION CONTROL

S/N: CCK1-UP

PART OF 201-7274 VALVE GP-CONTROL

SMCS-3073

i01833567

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Z	1	1		1	BODY-VALVE						
	2	1	188-7067	2	SPRING						
	3	1	188-7068	2	RETAINER						
	4	1	188-7069	2	PISTON-LOAD						
	5	1	108-4430	2	SPRING						
	6	1	110-2842	1	PLATE-END						
	7	1	137-6603	2	SPOOL						
	8	1	148-8410	2	PLUG AS						
					(EACH INCLUDES)						
		1	2M-9780	1	SEAL-O-RING						
		1	9S-4190	1	PLUG						
	9	1	148-8409	2	PLUG AS						
					(EACH INCLUDES)						
		1	3D-2824	1	SEAL-O-RING						
		1	9S-8008	1	PLUG						
	10	1	6J-2419	2	SEAL-O-RING						
M	11	1	7X-2537	2	BOLT (M8X1.25X35MM)						
	12	1	8T-4224	2	WASHER-HARD (8.8X16X2MM THK)						
M	13	1	8T-7547	2	BOLT (M8X1.25X30MM)						

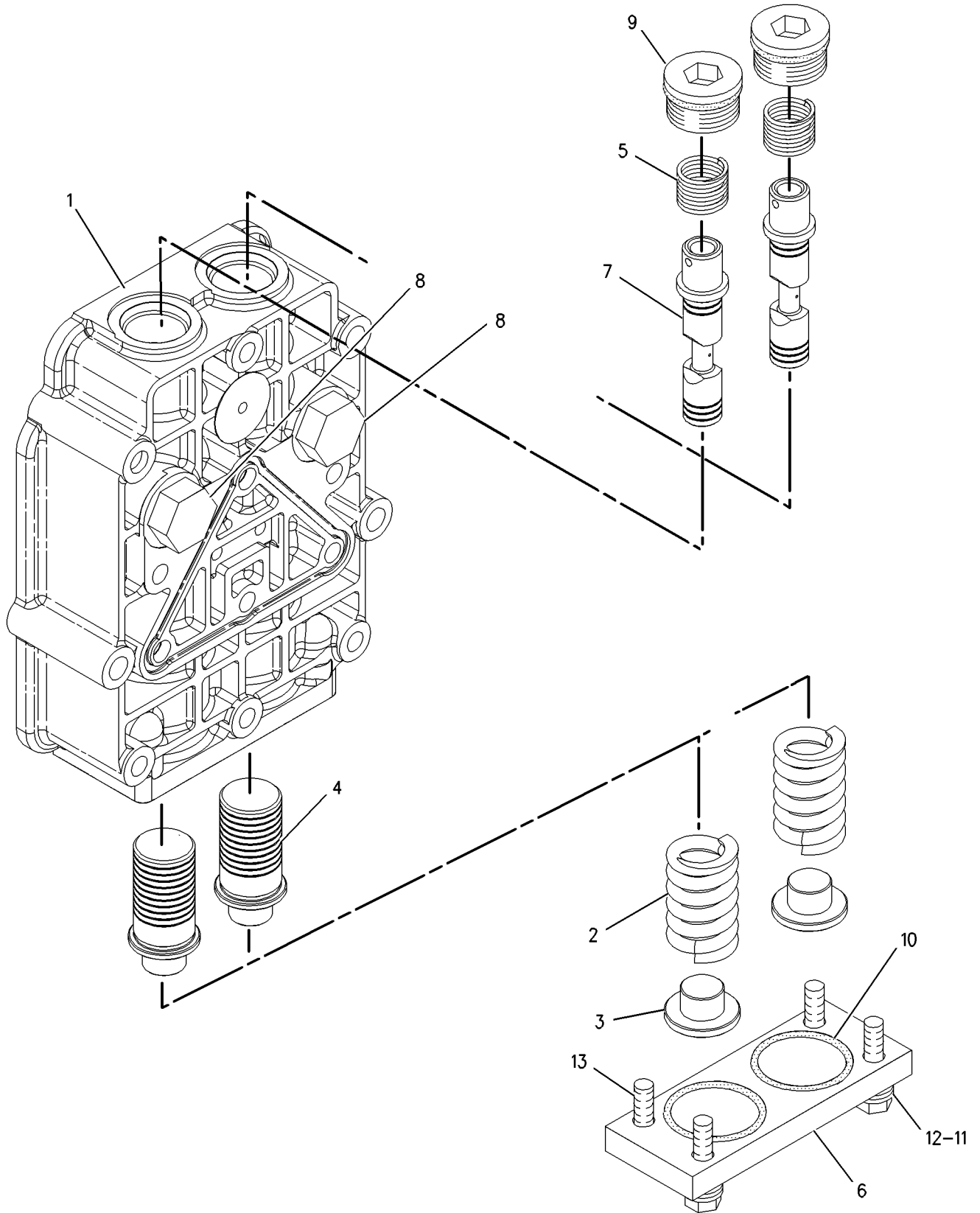
M- METRIC PART

Z- NOT SERVICED SEPARATELY

POWER TRAIN

201-7269 VALVE GP-TRANSMISSION CONTROL (contd.)

i01833567



GRAPHIC #1

<END>

g00936934

FRAME AND BODY

188-7304 CASE & FRAME GP

S/N: CCK1-UP

PART OF 189-4619 CHASSIS AR

SMCS-7051

i01831274

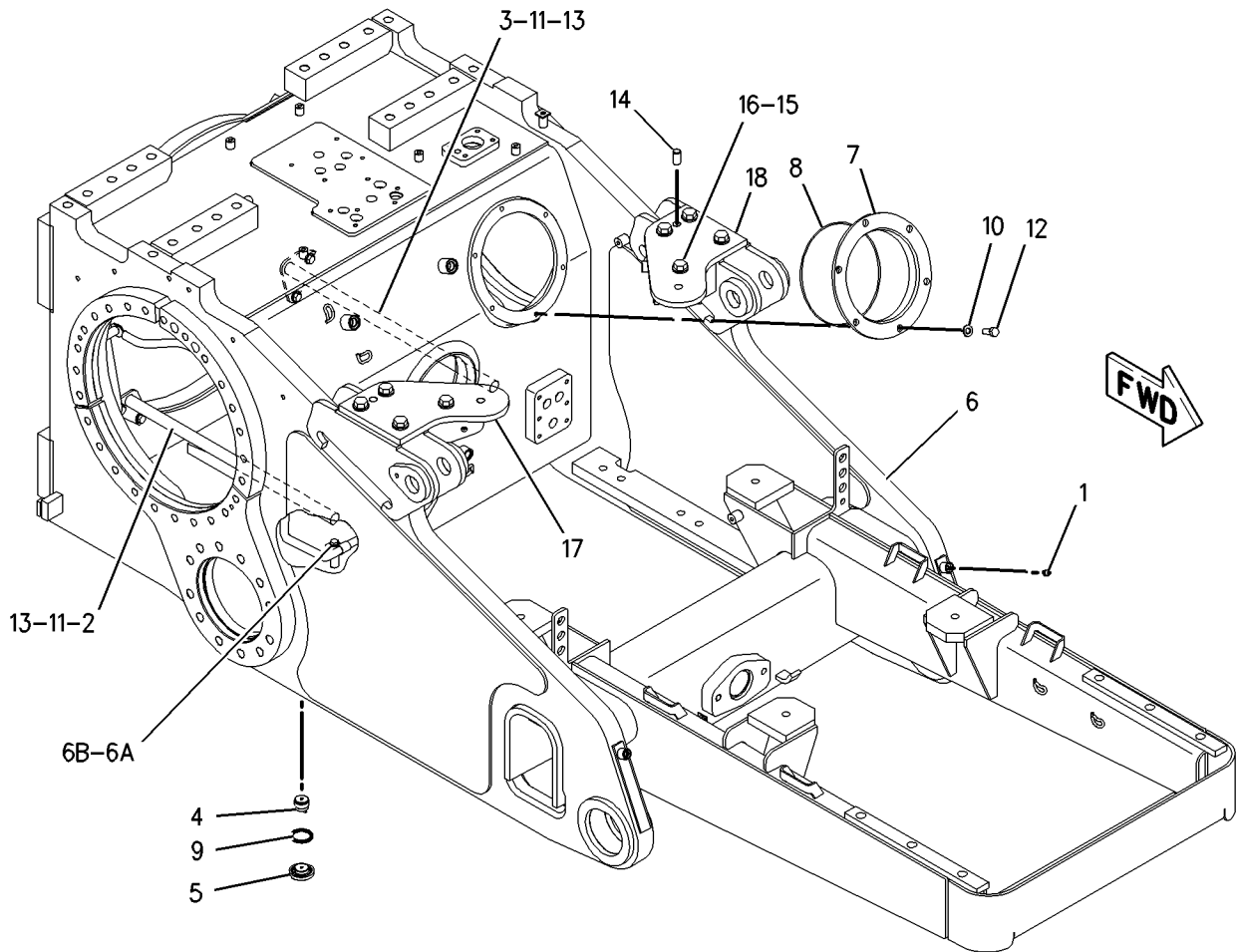
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3B-8489	2	FITTING-GREASE (1/8-27 THD) (CASE & FRAME)						
	2	1	8G-6683	1	RAIL AS						
	3	1	8G-6684	1	RAIL AS						
	4	1	106-8186	1	VALVE-DRAIN (CASE)						
	5	1	106-8187	1	PLUG (CASE DRAIN)						
	6	1	188-7303	1	CASE & FRAME AS						
	6A	1	5K-9660	2	CLIP						
M	6B	1	6V-1820	2	BOLT (M10X1.50X30MM)						
		1	8T-4121	2	WASHER-HARD (11X21X2.5MM THK)						
	7	1	191-1734	1	RING						
	8	1	2D-9572	1	SEAL-O-RING						
	9	1	6F-0711	1	SEAL-O-RING (CASE DRAIN PLUG)						
	10	1	7X-7729	6	WASHER (11X25X3MM THK)						
M	11	1	8C-8992	4	BOLT-LOCKING (M12X1.75X30MM)						
M	12	1	8T-4137	6	BOLT (M10X1.5X20MM)						
	13	1	8T-4223	4	WASHER-HARD (13.5X25.5X3MM THK)						
	14	1	1A-2223	4	DOWEL						
	15	1	8T-4123	8	WASHER-PLATED (22X35X3.5MM THK)						
M	16	1	8T-6430	8	BOLT (M20X2.5X50MM)						
	17	1	192-4089	1	PLATE AS						
	18	1	195-2709	1	PLATE AS						
					(EACH PLATE AS INCLUDES)						
		1	9R-2672	1	BOSS (M10X20MM)						

M-METRIC PART

FRAME AND BODY

188 - 7304 CASE & FRAME GP (contd.)

i01831274



GRAPHIC #1

<END>

g00918378

FRAME AND BODY

107-4068 DRAWBAR GP

S/N: CCK1-UP

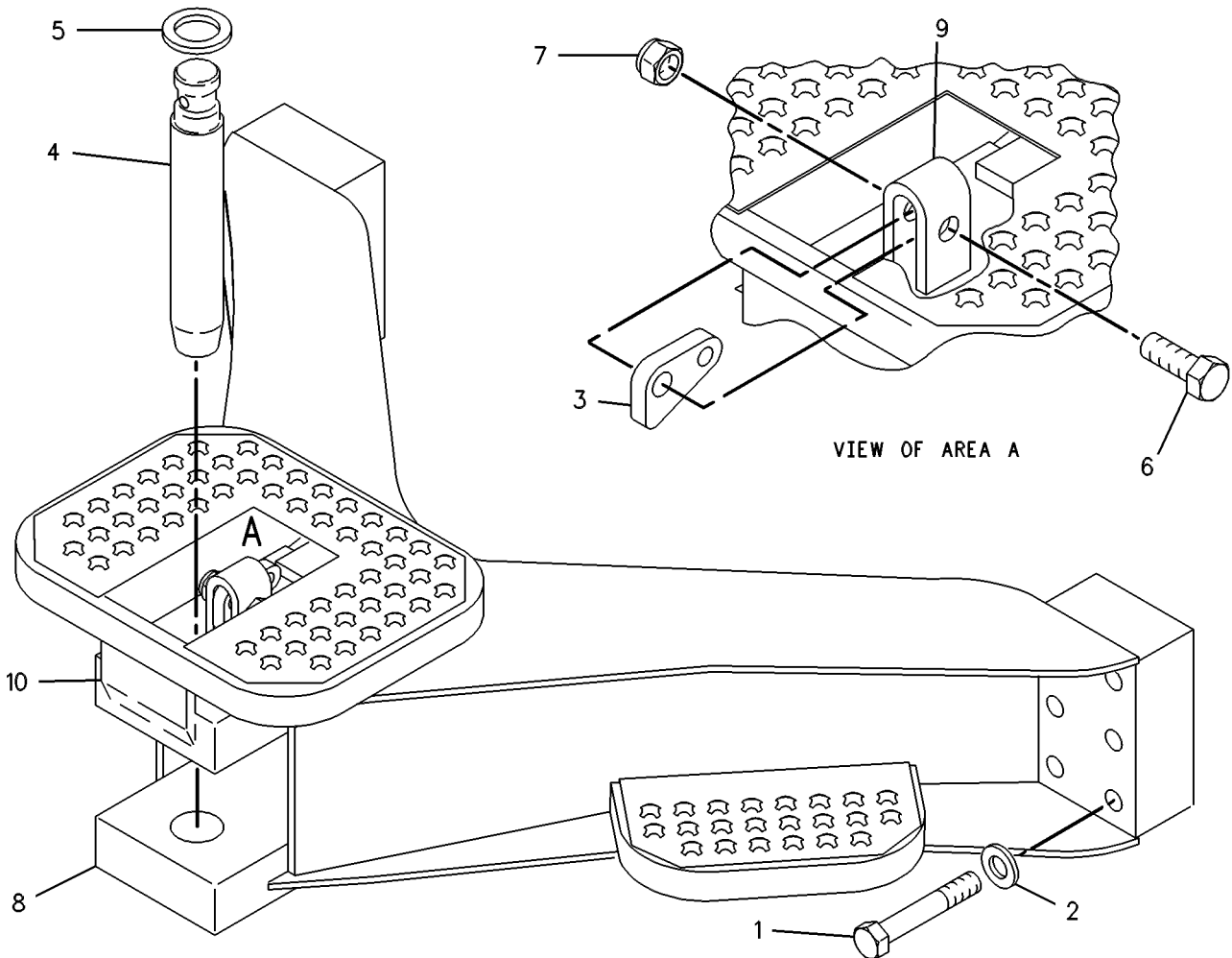
PART OF 189-4619 CHASSIS AR

SMCS-7105, 7119

i00598296

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	7X-2565	12	BOLT (M20X2.5X100MM)						
	2	1	8T-4123	12	WASHER-PLATED (3.5MM THK)						
	3	1	7B-0863	1	LATCH-PIN						
	4	1	8G-7085	1	PIN AS						
	5	1	7F-9543	1	COLLAR						
M	6	1	8T-4140	1	BOLT (M16X2.0X60MM)						
M	7	1	8T-4778	1	LOCKNUT (M16X2.00 THD)						
	8	1	130-9764	1	DRAWBAR AS						
	9	1	1P-1547	1	PLATE-LOCKING						
	10	1	3G-7828	1	PLATE						

M-METRIC PART



GRAPHIC #1

<END>

g00267467

FRAME AND BODY

155-7706 ENCLOSURE GP

S/N: CCK1-UP

PART OF 189-4619 CHASSIS AR

SMCS-7153

i01874496

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	1	3V-7689	1	HANDLE AS	
M	2	1	8T-2910	1	NUT-WING	
	3	1	135-5001	1	ROD	
	4	1	155-7725	1	BRACKET AS	
M		1	8T-3490	2	NUT-WELD (M10X1.5 THD)	
	5	1	155-7738	1	BRACKET AS	
M		1	8T-3490	2	NUT-WELD (M10X1.5 THD)	
	6	1	155-7739	2	PLATE AS	
					(EACH INCLUDES)	
M		1	8T-3490	3	NUT-WELD (M10X1.5 THD)	
	7	1	155-7785	1	GUARD AS	
		1	8G-5623	1	HINGE	
	8	1	177-1570	3	LATCH AS	
					(EACH INCLUDES)	
J		1	217-0733	1	LOCK AS	
	9	1	212-3511	3	LATCH (CAM)	
	10	1	213-9689	2	BRACKET	
	11	1	214-0997	1	BRACKET AS (LH)	
M		1	8T-5413	1	STUD-WELD (M10X1.5X25MM OAL)	
M		1	8T-3490	4	NUT-WELD (M10X1.5 THD)	
	12	1	214-0998	1	BRACKET AS (RH)	
M		1	8T-5413	1	STUD-WELD (M10X1.5X25MM OAL)	
M		1	8T-3490	3	NUT-WELD (M10X1.5 THD)	
	13	1	214-4636	3	CABLE	
	14	1	216-6033	1	SCREEN AS	
M		1	8T-3490	4	NUT-WELD (M10X1.5 THD)	
M		1	8T-5413	1	STUD-WELD (M10X1.5X25MM OAL)	
	15	1	221-6878	1	COVER AS (BATTERY)	
M		1	8T-5413	1	STUD-WELD (M10X1.5X25MM OAL)	
M		1	8T-3490	2	NUT-WELD (M10X1.5 THD)	
	16	1	221-6879	1	COVER AS (LH)	
	17	1	221-6880	1	COVER AS (RH)	
		1	7T-1099	2	LINK	
	18	1	221-6887	2	BRACKET	
	19	1	222-6870	1	DOOR AS (LH)	
M		1	8T-4130	1	STUD (M6X1X18 MM)	
		1	117-5604	2	STUD	
		1	155-7772	1	HINGE AS (LH)	
	20	1	222-6871	1	DOOR AS (RH)	
		1	117-5604	1	STUD	
		1	155-7769	1	HINGE AS (RH)	
	21	1	223-0161	2	BRACKET	
	22	1	223-0162	1	BRACKET	
	23	1	099-3600	6	WASHER (12.7X30X4MM THK)	
	24	1	3B-4604	1	PIN-COTTER	
	25	1	4V-5091	3	GROMMET	
	26	1	7X-7729	34	WASHER (11X25X3MM THK)	
	27	1	7Y-8171	1	GROMMET	
	28	1	8T-4121	3	WASHER-HARD (11X21X2.5MM THK)	
M	29	1	8T-4133	12	NUT (M10X1.5 THD)	
M	30	1	8T-4136	18	BOLT (M10X1.5X25MM)	
M	31	1	8T-4139	8	BOLT (M12X1.75X30MM)	
M	32	1	8T-4194	1	BOLT (M12X1.75X50MM)	
M	33	1	8T-4195	4	BOLT (M10X1.5X30MM)	
	34	1	8T-4223	14	WASHER-HARD (13.5X25.5X3MM THK)	
M	35	1	8T-4244	8	NUT (M12X1.75 THD)	

FRAME AND BODY

155-7706 ENCLOSURE GP (contd.)

i01874496

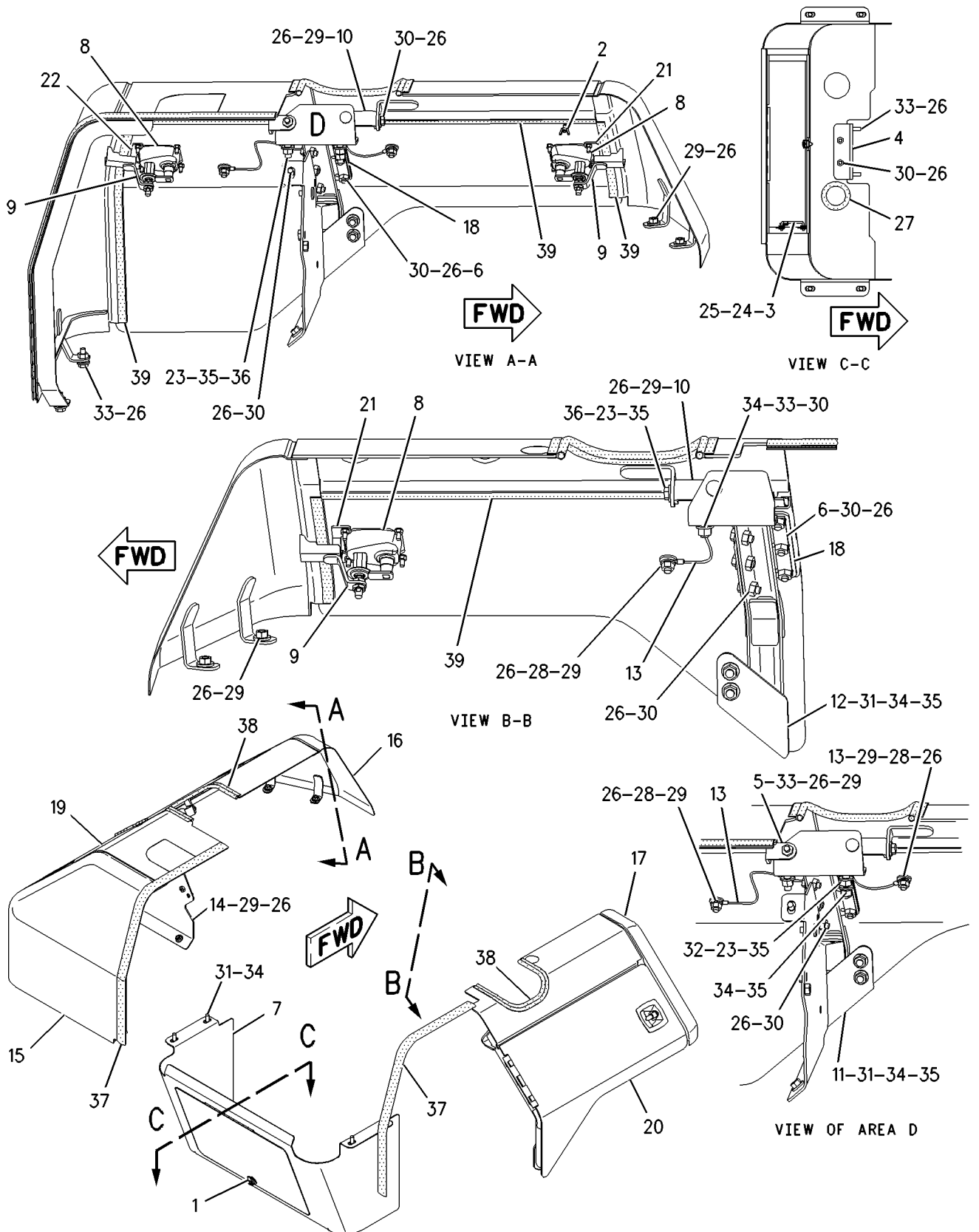
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
M	36	1	8T-4956	2	BOLT (M12X1.75X35MM)	
BD	37	1	201-4065		SEAL	
BD	38	1	201-4066		SEAL	
BD	39	1	202-5293		SEAL	

B - USE AS REQUIRED
D - ORDER BY THE METER
J - REQUIRES 5P8500 KEY
M - METRIC PART

FRAME AND BODY

155-7706 ENCLOSURE GP (contd.)

i01874496



GRAPHIC #1

<END>

g00956543

FRAME AND BODY

155-7705 FENDER GP

S/N: CCK1-UP

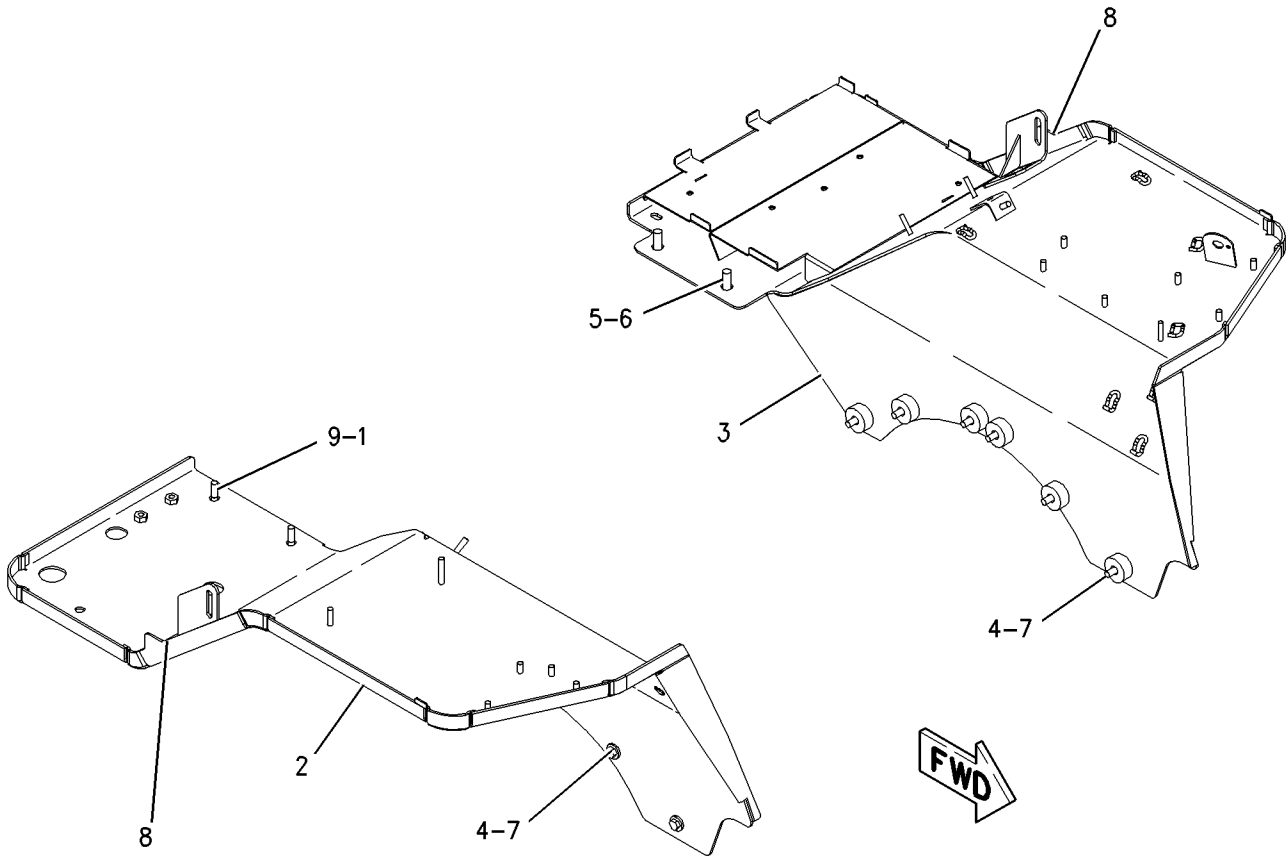
PART OF 189-4619 CHASSIS AR

SMCS-7252

i01828469

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3W-2647	2	SPACER (13.5X30X10MM THK)						
	2	1	155-7737	1	FENDER AS-RH						
	3	1	155-7742	1	FENDER AS-LH						
	4	1	5P-1076	12	WASHER-HARD (13.5X30X4MM THK)						
	5	1	7X-0513	2	WASHER-HARD (17X30X5MM THK)						
M	6	1	8T-4193	2	BOLT (M16X2X50MM)						
M	7	1	8T-4194	12	BOLT (M12X1.75X50MM)						
	8	1	221-2718	6	BUMPER						
M	9	1	8T-4956	2	BOLT (M12X1.75X35MM)						

M-METRIC PART



GRAPHIC #1

<END>

g00918995

FRAME AND BODY

195-1045 GRID GP-SAND BLAST ERODING

S/N: CCK1-UP

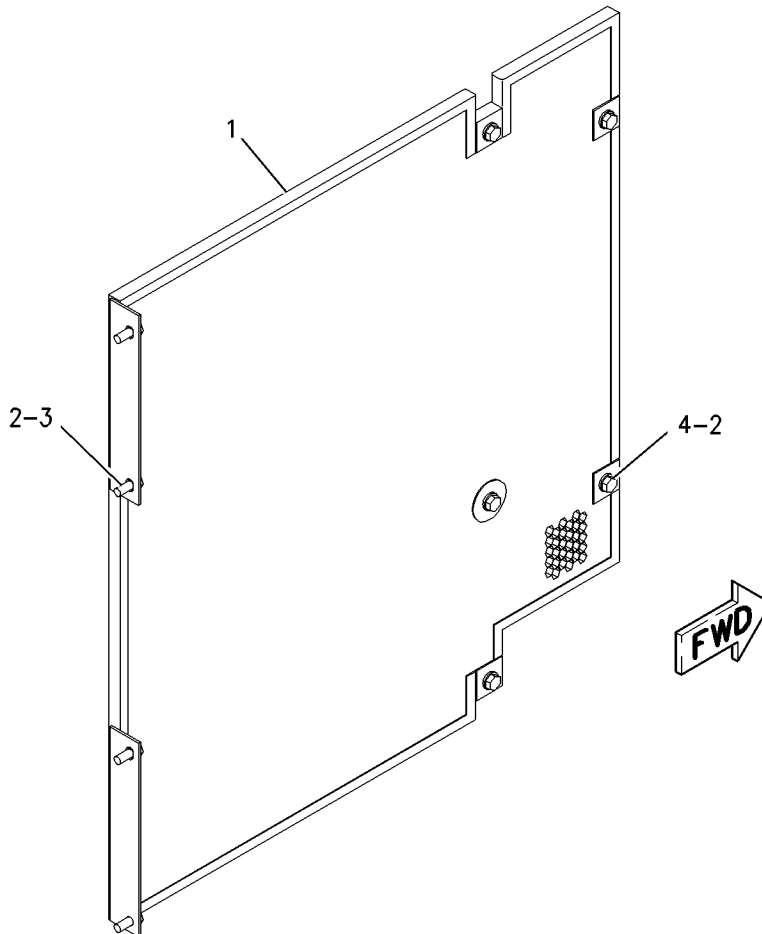
CANNOT BE USED WITH , 195-1043-PAGE 81
AN ATTACHMENT

SMCS-7179

i01830836

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	195-2804	1	GRID GP-SAND BLAST ERODING						
	2	1	8T-4121	9	WASHER-HARD (11X21X2.5MM THK)						
M	3	1	8T-4136	4	BOLT (M10X1.5X25MM)						
M	4	1	8T-4195	5	BOLT (M10X1.5X30MM)						

M-METRIC PART



GRAPHIC #1

<END>

g00937531

FRAME AND BODY

155-9366 GRILL GP-RADIATOR-HEAVY DUTY

S/N: CCK1-UP

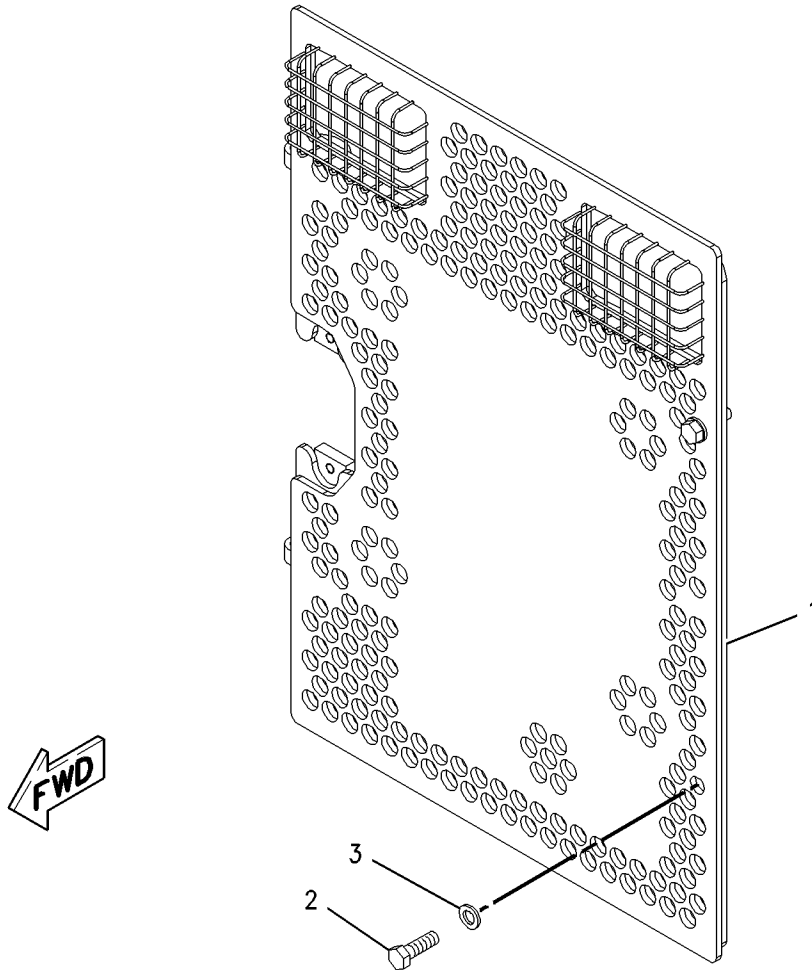
AN ATTACHMENT

SMCS-7170

i01830134

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	221-2721	1	GRILL AS						
M	2	1	8T-4193	2	BOLT (M16X2X50MM)						
	3	1	9X-8257	2	WASHER (17.5X30X3.5MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g00916996

FRAME AND BODY

191-9500 GUARD GP - BOTTOM

S/N: CCK1-UP

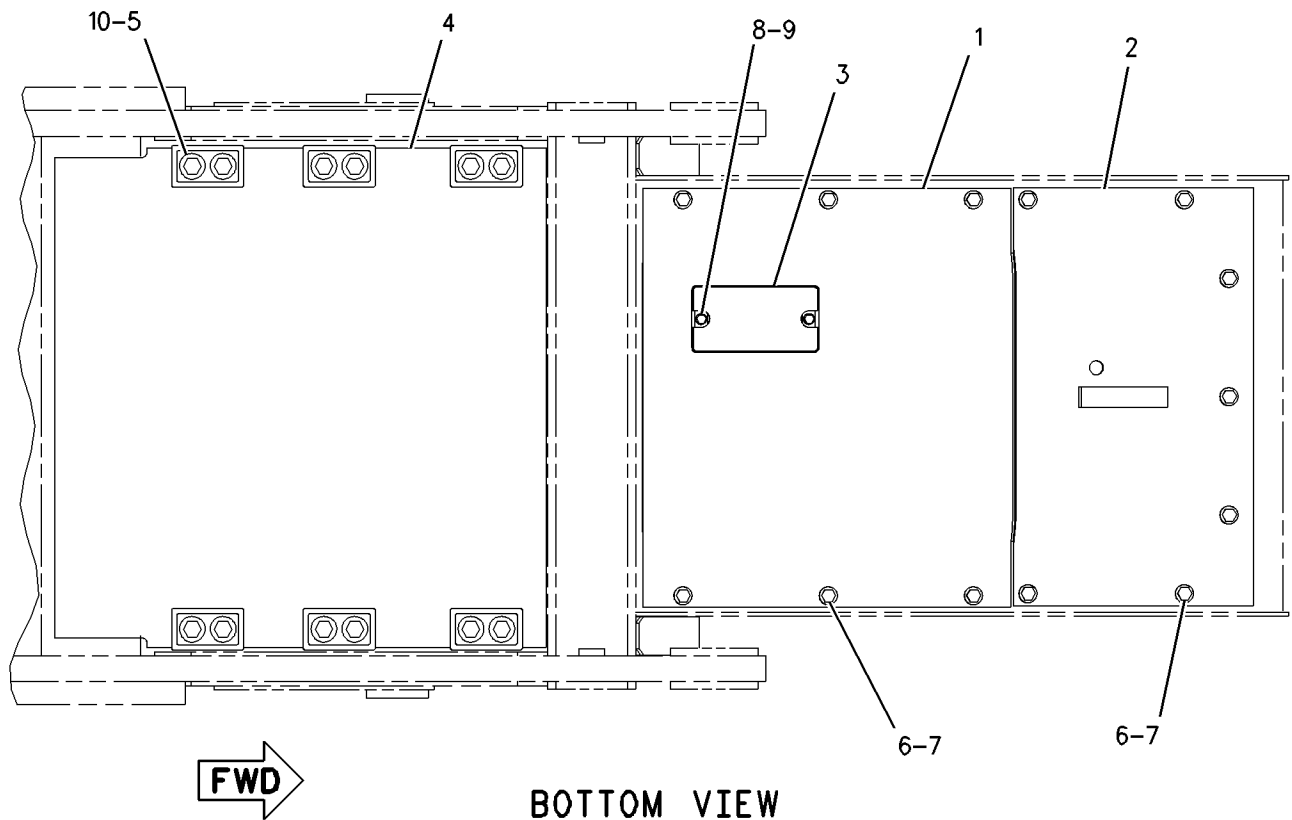
PART OF 189-4619 CHASSIS AR

SMCS-7153

i01831275

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	110-3160	1	GUARD AS						
	2	1	110-3162	1	GUARD AS						
	3	1	122-4705	1	COVER AS						
	4	1	186-9980	1	GUARD AS						
	5	1	6C-9149	12	WASHER (22X50X10MM THK)						
	6	1	7X-0515	13	WASHER-HARD (17X35X5MM THK)						
M	7	1	7X-2553	13	BOLT (M16X2X40MM)						
	8	1	8T-4121	2	WASHER-HARD (11X21X2.5MM THK)						
M	9	1	8T-4136	2	BOLT (M10X1.5X25MM)						
M	10	1	8T-6430	12	BOLT (M20X2.5X50MM)						

M-METRIC PART



GRAPHIC #1

<END>

g00775472

FRAME AND BODY

191-9501 GUARD GP-BOTTOM-HEAVY DUTY

S/N: CCK1-UP

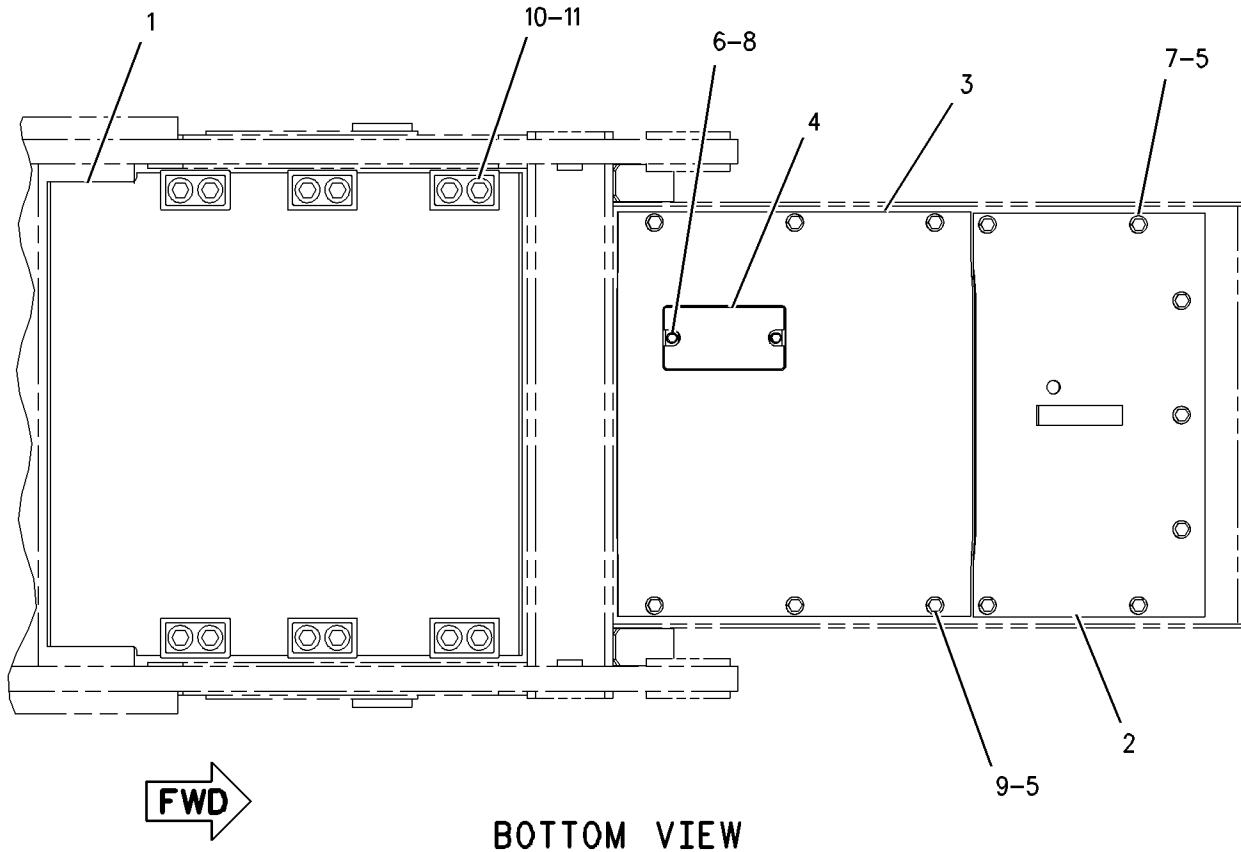
AN ATTACHMENT

SMCS-7153

i01835406

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	186-9981	1	GUARD AS						
	2	1	110-3162	1	GUARD AS						
	3	1	110-3166	1	GUARD AS						
	4	1	122-4705	1	COVER AS						
	5	1	7X-0515	13	WASHER-HARD (17X35X5MM THK)						
	6	1	8T-4121	2	WASHER-HARD (11X21X2.5MM THK)						
M	7	1	7X-2553	7	BOLT (M16X2X40MM)						
M	8	1	8T-4136	2	BOLT (M10X1.5X25MM)						
M	9	1	8T-7338	6	BOLT (M16X2.0X45MM)						
	10	1	6C-9149	12	WASHER (22X50X10MM THK)						
M	11	1	6V-3532	12	BOLT (M20X2.5X60MM)						

M-METRIC PART



GRAPHIC #1

<END>

g00775494

FRAME AND BODY

155-7775 GUARD GP-FUEL TANK

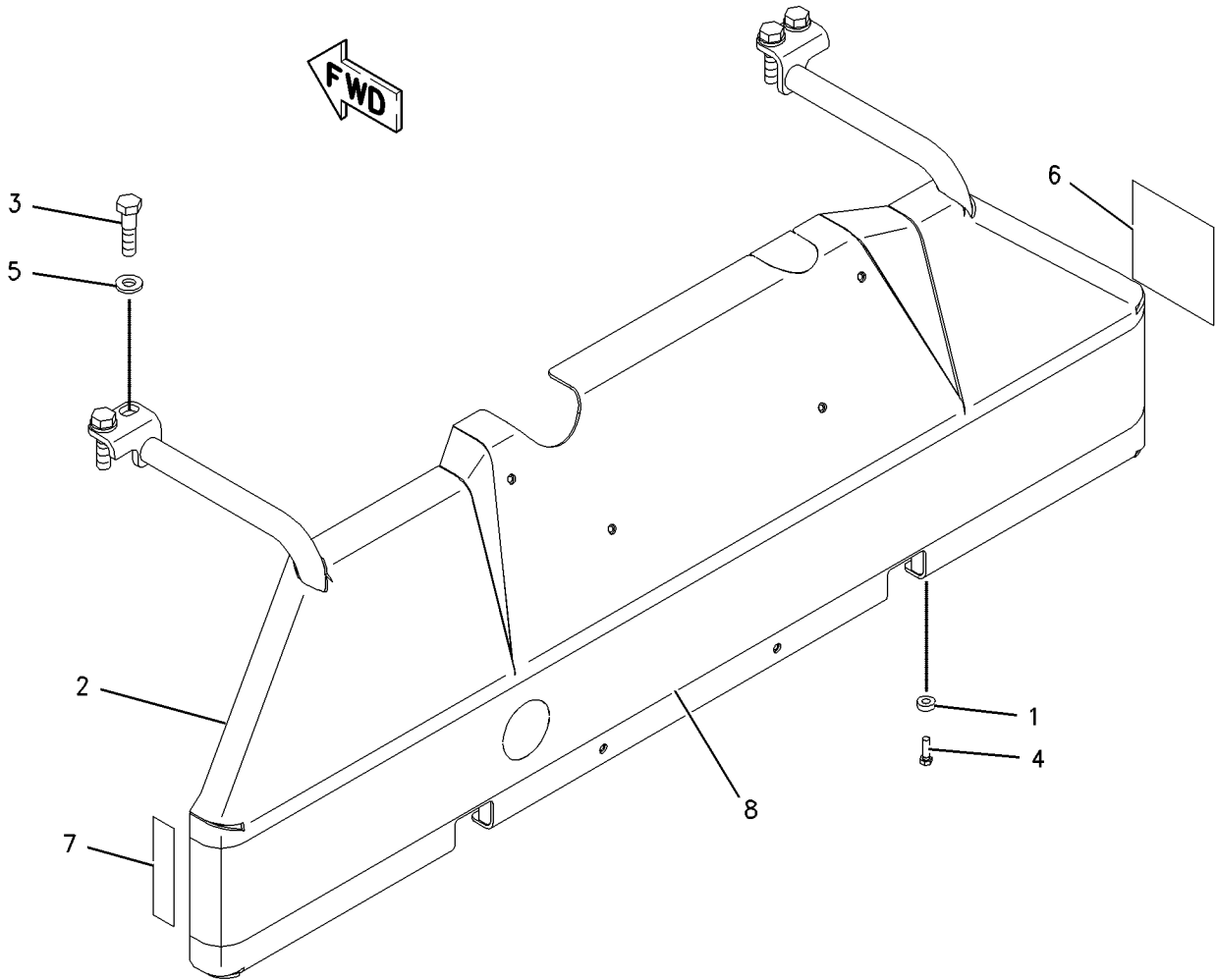
S/N: CCK1-UP
AN ATTACHMENT

SMCS-1273

i01830132

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3W-2647	4	SPACER (13.5X30X10MM THK)						
	2	1	155-7776	1	GUARD AS						
M		1	8T-3597	6	NUT-WELD (M12X1.75 THD)						
M	3	1	7X-2577	4	BOLT (M24X3X90MM)						
M	4	1	8T-4183	4	BOLT (M12X1.75X40MM)						
	5	1	126-8928	4	WASHER-HARD						
	6	1	213-5161	1	FILM-STRIPE (D6N) (RH REAR FUEL TANK GUARD)						
	7	1	206-0332	1	FILM-STRIPE (D6N) (LH REAR FUEL TANK GUARD)						
	8	1	205-4955	1	FILM-STRIPE (D6N) (FUEL TANK GUARD)						

M-METRIC PART



GRAPHIC #1

<END>

g00917900

FRAME AND BODY

210-6039 GUARD GP-POWER TRAIN FILTER-HEAVY DUTY

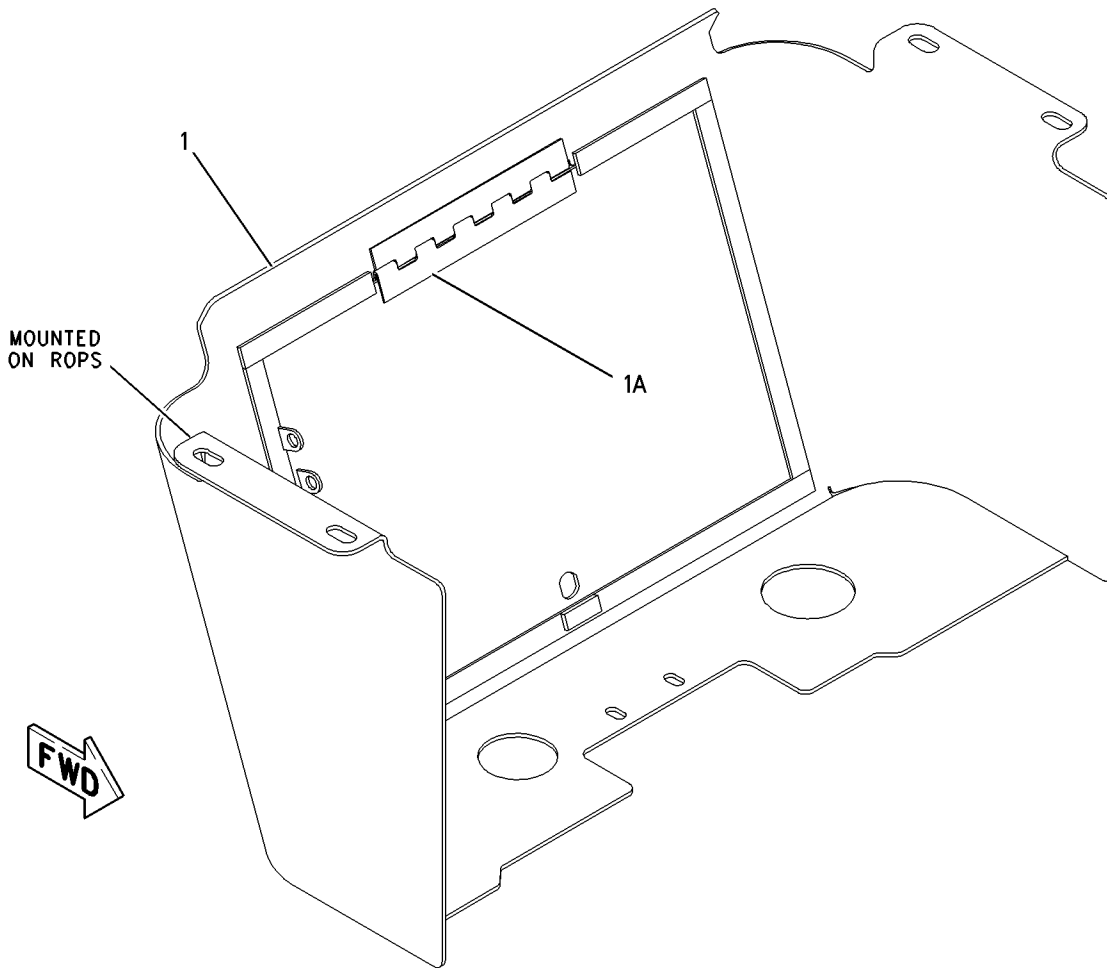
S/N: CCK1-UP

CANNOT BE USED WITH A WINCH
AN ATTACHMENT

SMCS-7150

i01877517

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	210-6040	1	GUARD AS						
	1A	1	8G-5623	1	HINGE						



GRAPHIC #1

<END>

g00938219

FRAME AND BODY

155-7703 GUARD GP-RADIATOR

S/N: CCK1-UP

PART OF 189-4619 CHASSIS AR

SMCS-7155

i01828457

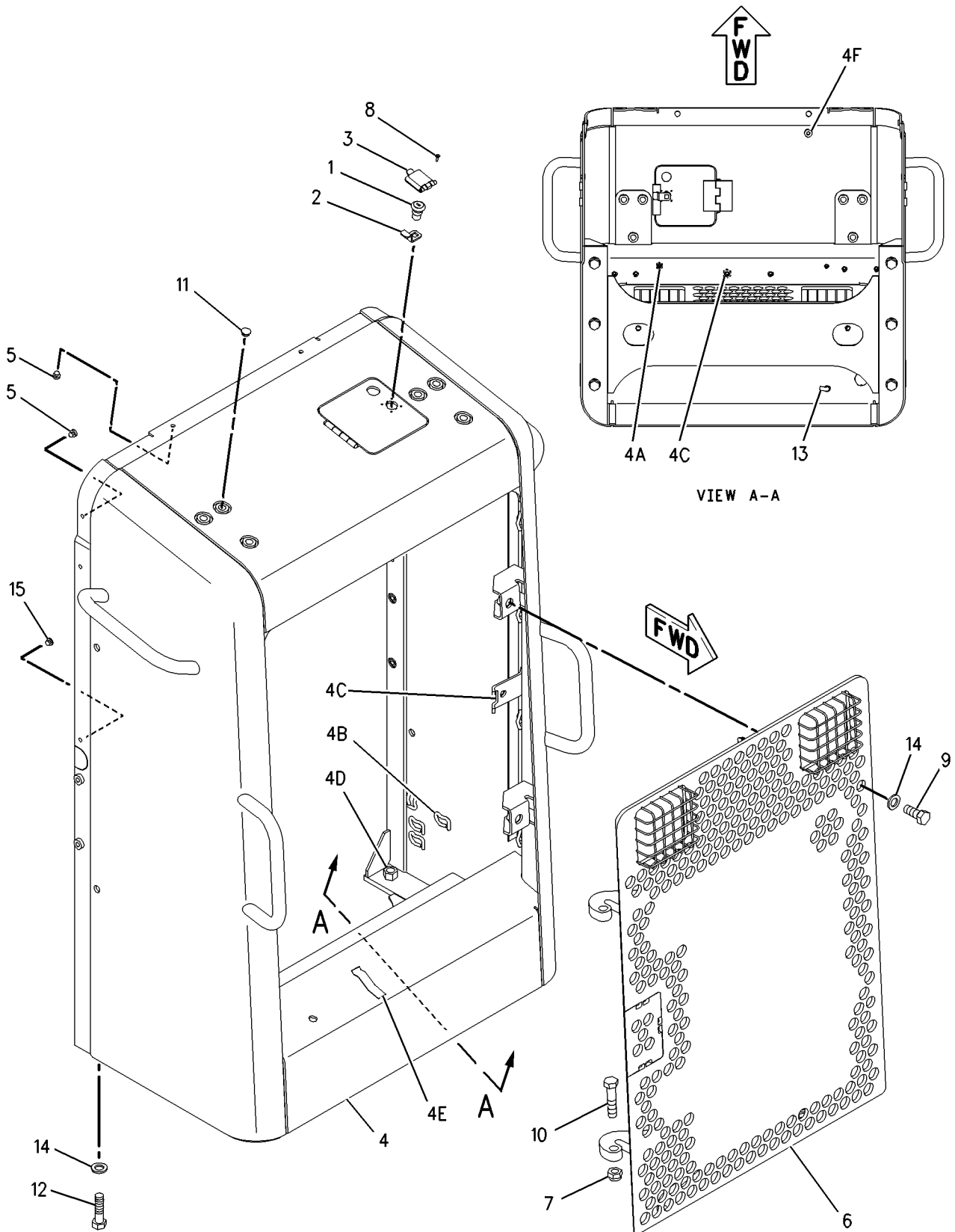
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
J	1	1	8C-8837	1	LOCK AS-CYLINDER						
	2	1	155-9320	1	CAM-LATCH						
	3	1	155-9321	1	CAP AS (DUST) (RADIATOR FILLER DOOR)						
	4	1	211-8504	1	GUARD GP-RADIATOR						
M	4A	1	8T-3612	2	NUT-WELD (M8X1.25 THD)						
	4B	1	7T-1099	6	LINK						
M	4C	1	8T-3490	11	NUT-WELD (M10X1.5 THD)						
M	4D	1	8T-4132	8	NUT (M16X2 THD)						
	4E	1	8Y-0709	1	CLIP						
	4F	1	9R-2672	1	BOSS (M10X20MM)						
	5	1	221-2719	4	BUMPER						
	6	1	221-2720	1	GRILL AS						
M	7	1	096-4885	2	LOCKNUT (M16X2 THD)						
M	8	1	3E-4320	4	SCREW (M3X0.5X10MM)						
M	9	1	7X-2553	2	BOLT (M16X2X40MM)						
M	10	1	7X-2554	2	BOLT (M16X2X70MM)						
	11	1	6K-6361	6	BUTTON-PLUG						
M	12	1	8T-4140	6	BOLT (M16X2X60MM)						
	13	1	8Y-1387	1	ROD						
	14	1	9X-8257	8	WASHER (17.5X30X3.5MM THK)						
	15	1	221-2718	4	BUMPER						

J-REQUIRES 5P8500 KEY
M-METRIC PART

FRAME AND BODY

155-7703 GUARD GP-RADIATOR (contd.)

i01828457



GRAPHIC #1

<END>

g00923131

FRAME AND BODY

205-6127 GUARD GP-TRACK GUIDE

S/N: CCK1-UP

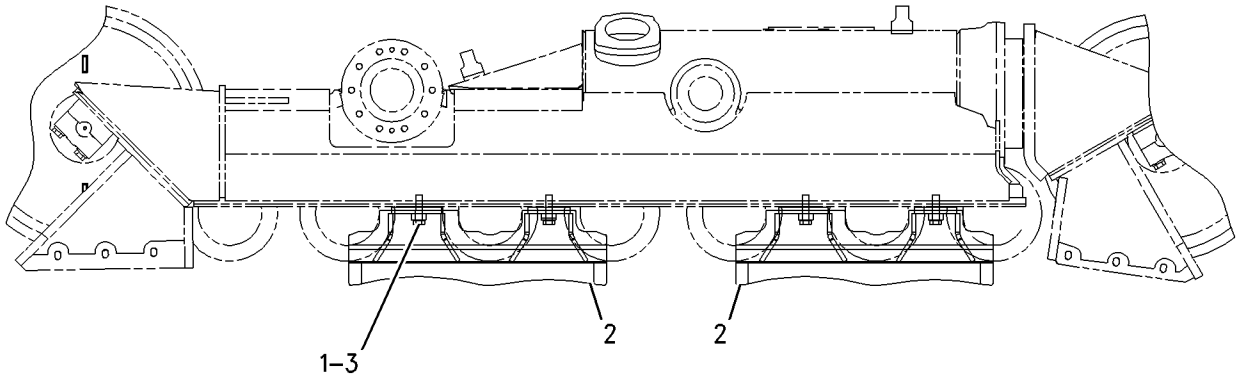
PART OF 205-6136 GUIDING AR-UNDERCARRIAGE
AN ATTACHMENT

SMCS-4177

i01830997

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	204-6365	16	SPACER (.8X35X15MM THK)						
	2	1	205-6160	4	GUIDE AS						
M	3	1	8T-4140	16	BOLT (M16X2X60MM)						

M-METRIC PART



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g00899177

FRAME AND BODY

205-6128 GUARD GP-TRACK ROLLER-EXTREME SERVICE

S/N: CCK1-UP

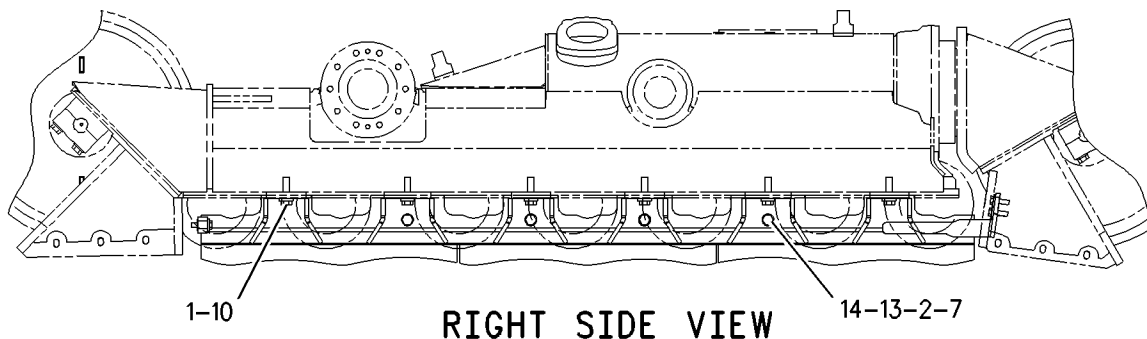
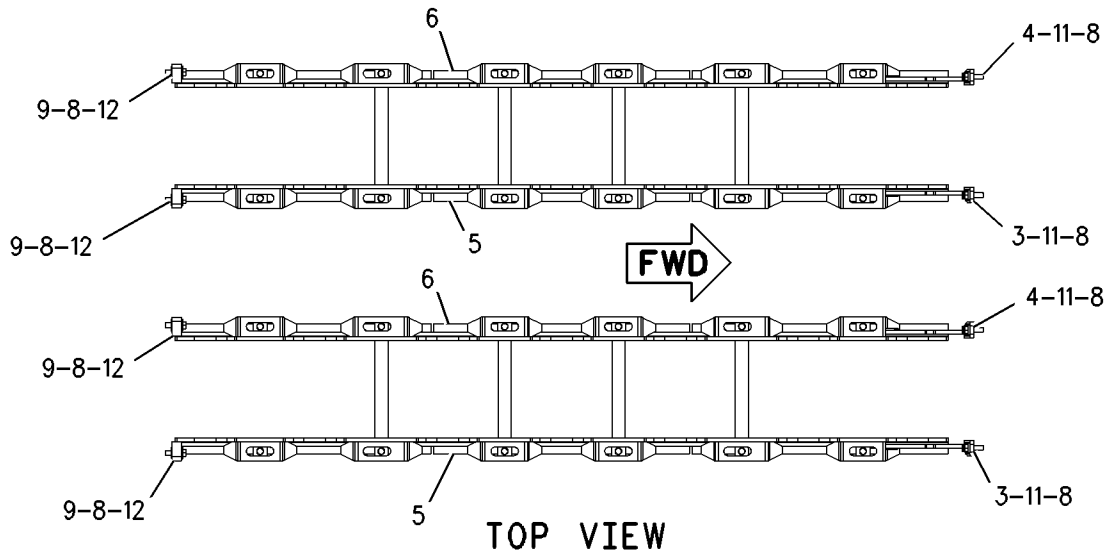
PART OF 205-6137 GUIDING AR-UNDERCARRIAGE
AN ATTACHMENT

SMCS-7152

i01831007

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	204-6365	24	SPACER (.8X35X15MM THK)						
	2	1	205-6141	8	TUBE						
	3	1	205-6148	2	BRACKET AS						
	4	1	205-6149	2	BRACKET AS						
	5	1	205-6162	2	GUARD AS						
	6	1	205-6163	2	GUARD AS						
M	7	1	110-6969	8	BOLT-HEX HEAD						
	8	1	7X-0650	12	WASHER-HARD (13.5X32X5MM THK)						
	9	1	7X-0605	4	WASHER-HARD (13X28X1.6MM THK)						
M	10	1	8T-4140	24	BOLT (M16X2X60MM)						
M	11	1	8T-4956	8	BOLT (M12X1.75X35MM)						
M	12	1	8T-4194	4	BOLT (M12X1.75X50MM)						
M	13	1	8T-4778	8	LOCKNUT (M16X2 THD)						
	14	1	9X-8257	16	WASHER (17.5X30X3.5MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g00899167

FRAME AND BODY

155-7704 HOOD & GUARD GP—SEMI-UNIVERSAL BULLDOZER

S/N: S6D1-UP

PART OF 206-9537 BULLDOZER AR-SEMI-UNIVERSAL
AN ATTACHMENT

SMCS-7251

i01876929

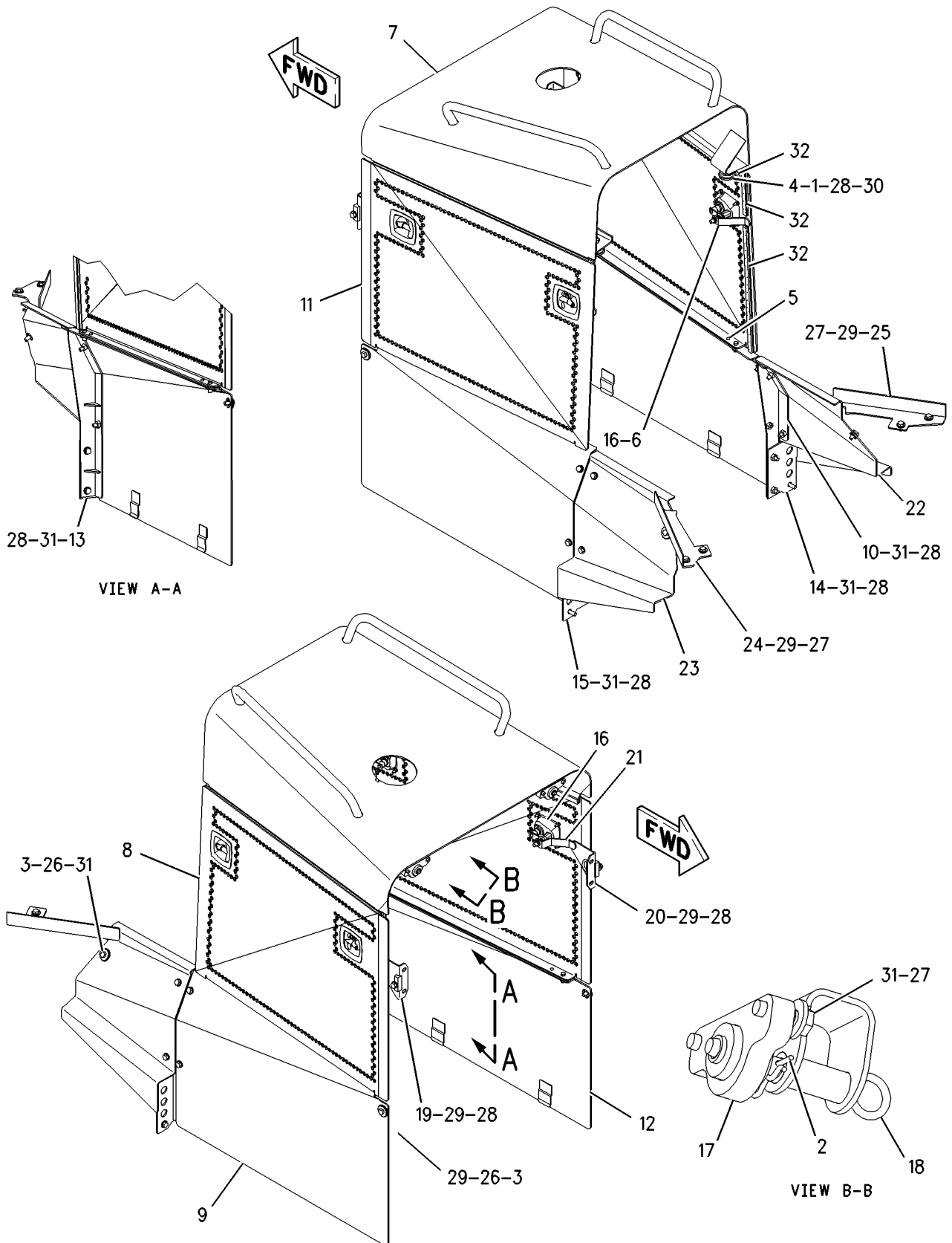
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6S-6251	2	MOUNT						
	2	1	6S-6646	2	PIN-COTTER						
	3	1	7Y-2854	4	SPACER (24X38X3MM THK)						
	4	1	111-4643	2	PLATE						
	5	1	145-0823	4	BUMPER						
	6	1	155-7803	2	CAM-LATCH						
	7	1	155-7818	1	HOOD AS						
M		1	8T-3490	2	NUT-WELD (M10X1.5 THD)						
	8	1	155-9282	1	DOOR AS (RH)						
	9	1	155-9284	1	SHEET AS (RH)						
	10	1	155-9286	1	SUPPORT AS (RH)						
M		1	8T-3490	2	NUT-WELD (M10X1.5 THD)						
	11	1	155-9287	1	DOOR AS (LH)						
	12	1	155-9289	1	SHEET AS (LH)						
	13	1	155-9291	1	SUPPORT AS (LH)						
M		1	8T-3490	1	NUT-WELD (M10X1.5 THD)						
	14	1	155-9301	1	PLATE AS-RH						
M		1	8T-3490	2	NUT-WELD (M10X1.5 THD)						
	15	1	155-9302	1	PLATE AS-LH						
M		1	8T-3490	2	NUT-WELD (M10X1.5 THD)						
	16	1	177-1570	4	LATCH AS (EACH INCLUDES)						
J		1	217-0733	1	LOCK AS						
	17	1	201-4033	2	PLATE AS (EACH INCLUDES)						
		1	3H-8726	1	MOUNT AS						
	18	1	201-5349	2	SHAFT AS						
	19	1	202-7356	1	BRACKET AS (RH)						
	20	1	202-7357	1	BRACKET AS (LH)						
	21	1	202-7358	2	CAM (LATCH)						
	22	1	222-6239	1	SHEET (RH)						
	23	1	222-6240	1	SHEET (LH)						
	24	1	224-0687	1	BRACKET (LH)						
	25	1	224-0688	1	BRACKET (RH)						
	26	1	6V-8513	4	WASHER-HARD (11X35X2.5MM THK)						
	27	1	7X-7729	10	WASHER (11X25X3MM THK)						
	28	1	8T-4121	18	WASHER-HARD (11X21X2.5MM THK)						
M	29	1	8T-4137	8	BOLT (M10X1.5X20MM)						
M	30	1	8T-4185	2	BOLT (M10X1.5X50MM)						
M	31	1	8T-4195	20	BOLT (M10X1.5X30MM)						
BD	32	1	202-5293		SEAL						

B-USE AS REQUIRED
D-ORDER BY THE METER
J-REQUIRES 5P8500 KEY
M-METRIC PART

FRAME AND BODY

155-7704 HOOD & GUARD GP (contd.)

i01876929



GRAPHIC #1

<END>

g00917659

FRAME AND BODY

155-7804 HOOD & GUARD GP- SEMI-UNIVERSAL BULLDOZER W/ SOUND SUPPRESSION

S/N: S6S1-UP

PART OF 206-9544 BULLDOZER AR-SEMI-UNIVERSAL
AN ATTACHMENT

SMCS-7251

i01877311

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6P-2216	60	CAP-PUSH ON						
	2	1	6S-6251	2	MOUNT						
	3	1	6S-6646	2	PIN-COTTER						
	4	1	111-4643	2	PLATE						
	5	1	145-0823	4	BUMPER						
	6	1	155-7803	2	CAM-LATCH						
	7	1	155-7819	1	HOOD AS						
M		1	8T-3490	2	NUT-WELD (M10X1.5 THD)						
		1	127-8732	6	PIN-WELD						
	8	1	155-9283	1	DOOR AS (RH)						
		1	127-8732	10	PIN-WELD						
	9	1	155-9285	1	SHEET AS (RH)						
		1	127-8732	1	PIN-WELD						
	10	1	155-9286	1	SUPPORT AS (RH)						
		1	9R-2672	1	BOSS (M10X20MM)						
M		1	8T-3490	2	NUT-WELD (M10X1.5 THD)						
	11	1	155-9288	1	DOOR AS (LH)						
		1	127-8732	10	PIN-WELD						
	12	1	155-9290	1	SHEET AS (RH)						
		1	127-8732	11	PIN-WELD						
	13	1	155-9291	1	SUPPORT AS (LH)						
M		1	8T-3490	1	NUT-WELD (M10X1.5 THD)						
	14	1	155-9301	1	PLATE AS-RH						
M		1	8T-3490	2	NUT-WELD (M10X1.5 THD)						
	15	1	155-9302	1	PLATE AS-LH						
M		1	8T-3490	2	NUT-WELD (M10X1.5 THD)						
	16	1	174-0099	1	LINER-LH						
	17	1	174-0100	1	LINER (RH)						
	18	1	174-0101	1	LINER (RH)						
	19	1	174-0102	1	LINER (RH)						
	20	1	174-0103	1	LINER (RH)						
	21	1	174-0104	1	LINER (RH)						
	22	1	174-0105	1	LINER (RH)						
	23	1	174-0106	1	LINER (LH)						
	24	1	174-0107	1	LINER (RH)						
	25	1	174-0108	1	LINER (LH)						
	26	1	174-0109	1	LINER (LH)						
	27	1	174-0110	1	LINER-RH						
	28	1	177-1570	4	LATCH AS						
					(EACH INCLUDES)						
J		1	217-0733	1	LOCK AS						
	29	1	201-4033	2	PLATE AS						
					(EACH INCLUDES)						
		1	3H-8726	1	MOUNT AS						
	30	1	201-5349	2	SHAFT AS						
	31	1	202-7356	1	BRACKET AS (RH)						
	32	1	202-7357	1	BRACKET AS (LH)						
	33	1	202-7358	2	CAM (LATCH)						
	34	1	222-6246	1	SHEET AS (RH)						
		1	127-8732	6	PIN-WELD						
	35	1	222-6247	1	SHEET AS (LH)						
		1	127-8732	6	PIN-WELD						
	36	1	224-0687	1	BRACKET (LH)						
	37	1	224-0688	1	BRACKET (RH)						

FRAME AND BODY

155-7804 HOOD & GUARD GP (contd.)

i01877311

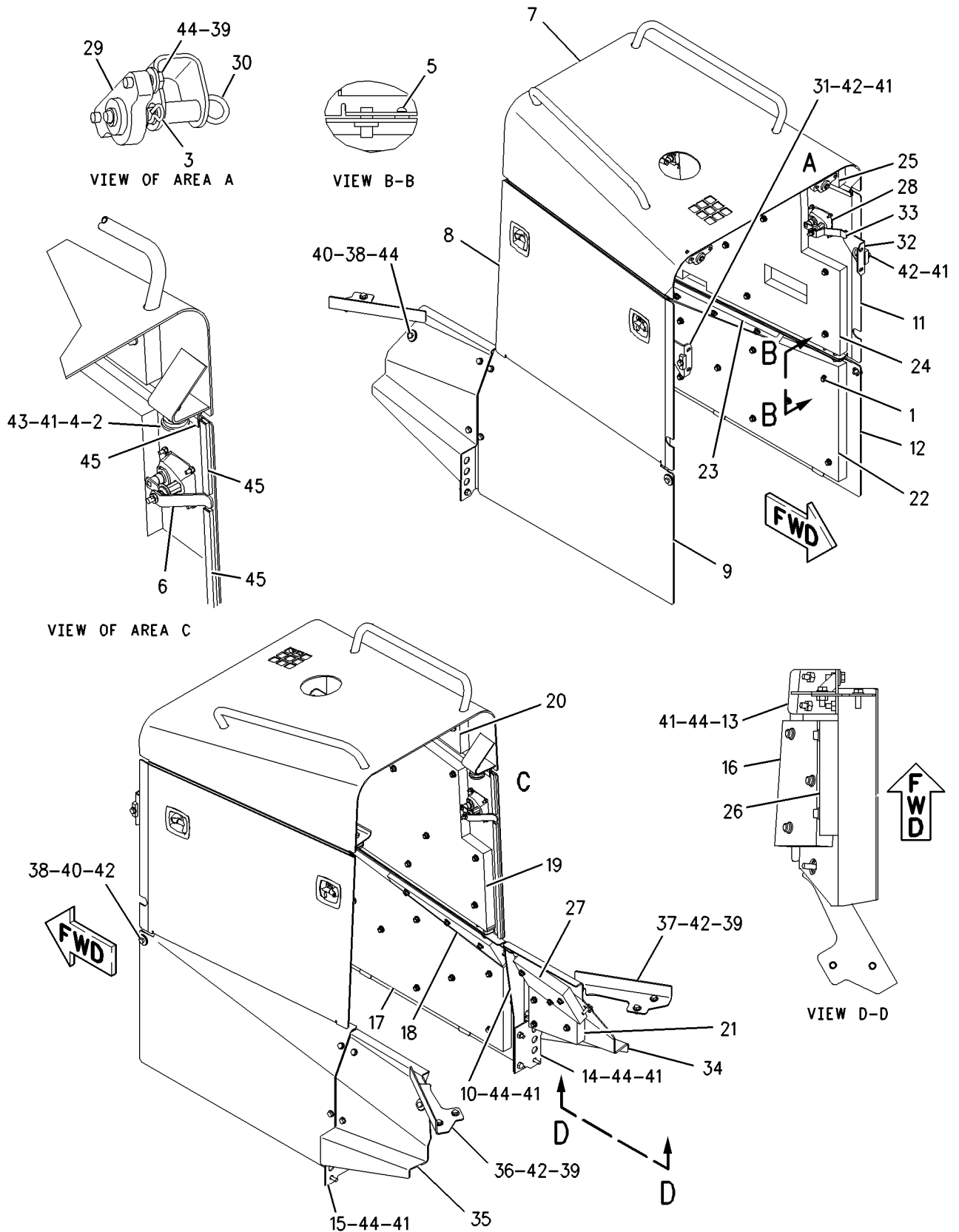
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	38	1	6V-8513	4	WASHER-HARD (11X35X2.5MM THK)						
	39	1	7X-7729	8	WASHER (11X25X3MM THK)						
	40	1	7Y-2854	4	SPACER (24X38X3MM THK)						
	41	1	8T-4121	18	WASHER-HARD (11X21X2.5MM THK)						
M	42	1	8T-4137	8	BOLT (M10X1.5X20MM)						
M	43	1	8T-4185	2	BOLT (M10X1.5X50MM)						
M	44	1	8T-4195	20	BOLT (M10X1.5X30MM)						
BD	45	1	202-5293		SEAL						

B- USE AS REQUIRED
D- ORDER BY THE METER
J- REQUIRES 5P8500 KEY
M- METRIC PART

FRAME AND BODY

155-7804 HOOD & GUARD GP (contd.)

i01877311



GRAPHIC #1

<END>

g00914906

FRAME AND BODY

200-6248 HOOD & GUARD GP—SOUND SUPPRESSION

S/N: CCK1-UP

PART OF 169-4912 SUPPRESSION AR-SOUND
AN ATTACHMENT

SMCS-7251

i01881389

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6P-2216	68	CAP-PUSH ON						
	2	1	6S-6251	2	MOUNT						
	3	1	6S-6646	2	PIN-COTTER						
	4	1	111-4643	2	PLATE						
	5	1	155-9301	1	PLATE AS-RH						
M		1	8T-3490	2	NUT-WELD (M10X1.5 THD)						
	6	1	155-9302	1	PLATE AS-LH						
M		1	8T-3490	2	NUT-WELD (M10X1.5 THD)						
	7	1	155-9331	1	SUPPORT AS						
M		1	8T-3490	4	NUT-WELD (M10X1.5 THD)						
	8	1	155-9332	1	SUPPORT AS						
M		1	8T-3490	3	NUT-WELD (M10X1.5 THD)						
	9	1	174-0099	1	LINER-LH						
	10	1	174-0100	1	LINER (RH)						
	11	1	174-0103	1	LINER (RH)						
	12	1	174-0104	1	LINER (RH)						
	13	1	174-0105	1	LINER (RH)						
	14	1	174-0108	1	LINER (LH)						
	15	1	174-0109	1	LINER (LH)						
	16	1	174-0110	1	LINER-RH						
	17	1	177-1570	2	LATCH AS						
					(EACH INCLUDES)						
J		1	217-0733	1	LOCK AS						
	18	1	200-6244	1	SHEET AS-LH						
		1	127-8732	8	PIN-WELD						
		1	155-9330	1	SHEET AS (LH)						
	19	1	200-6245	1	SHEET AS-RH						
		1	127-8732	8	PIN-WELD						
		1	155-9329		SHEET AS (RH)						
	20	1	201-4033	2	PLATE AS						
					(EACH INCLUDES)						
		1	3H-8726	1	MOUNT AS						
	21	1	201-5349	2	SHAFT AS						
	22	1	201-9473	1	LINER-RH						
	23	1	201-9474	1	LINER-RH						
	24	1	201-9475	1	LINER-LH						
	25	1	201-9476	1	LINER-RH						
	26	1	201-9477	1	LINER-RH						
	27	1	201-9478	1	LINER-RH						
	28	1	212-3511	2	LATCH (CAM)						
	29	1	222-6241	1	HOOD AS						
M		1	8T-3490	2	NUT-WELD (M10X1.5 THD)						
		1	127-8732	6	PIN-WELD						
	30	1	222-6242	1	DOOR AS (RH)						
M		1	8T-5413	4	STUD-WELD (M10X1.5X25MM OAL)						
		1	127-8732	11	PIN-WELD						
	31	1	222-6243	1	DOOR AS (LH)						
M		1	8T-5413	4	STUD-WELD (M10X1.5X25MM OAL)						
		1	127-8732	11	PIN-WELD						
	32	1	222-6244	1	SHEET AS (RH INT)						
		1	127-8732	6	PIN-WELD						
	33	1	222-6245	1	SHEET AS (LH)						
		1	127-8732	6	PIN-WELD						
	34	1	222-6246	1	SHEET AS (RH)						
		1	127-8732	6	PIN-WELD						

FRAME AND BODY

200-6248 HOOD & GUARD GP (contd.)

i01881389

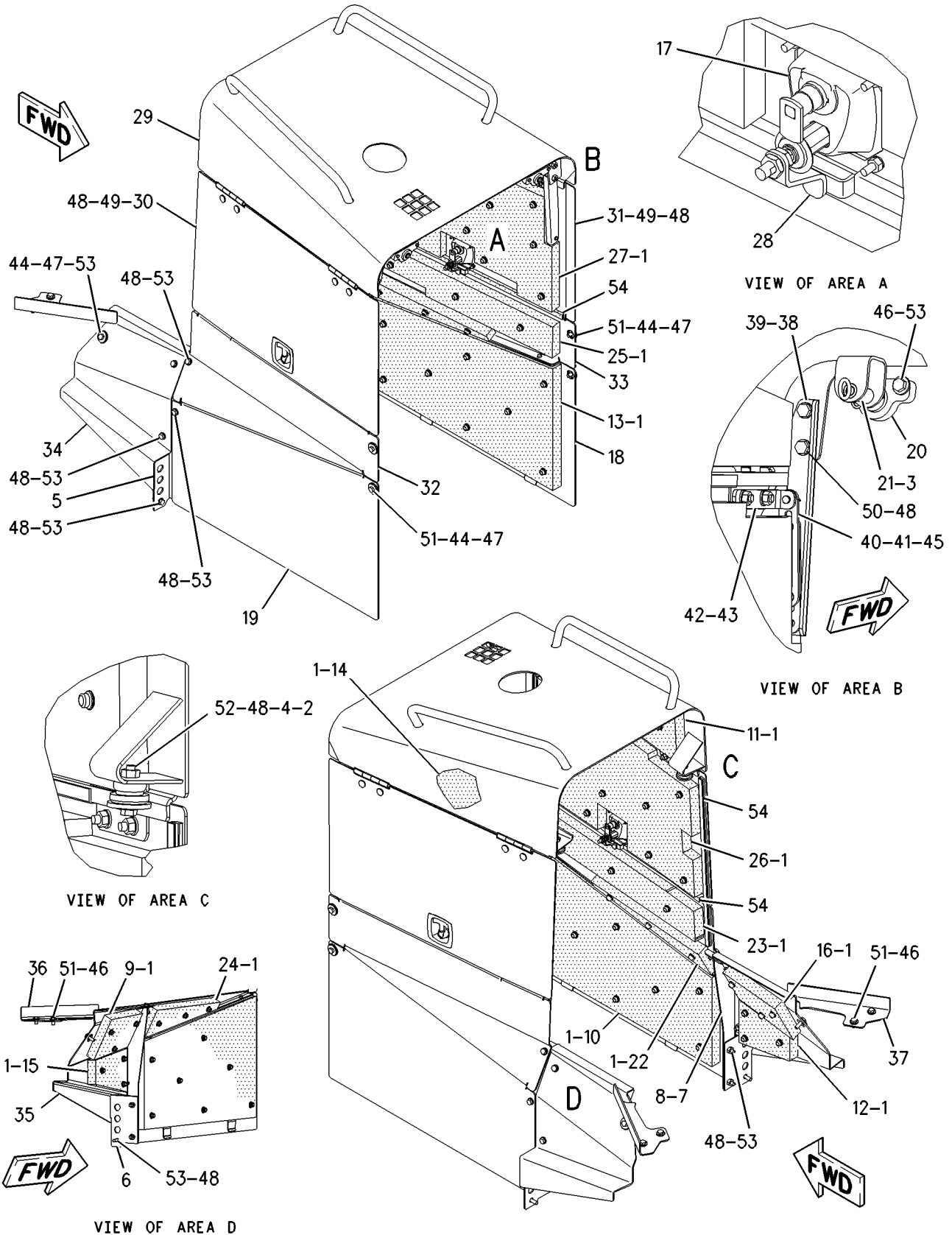
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	222-6239	1	SHEET (RH)						
	35	1	222-6247	1	SHEET AS (LH)						
		1	127-8732	6	PIN-WELD						
		1	222-6240	1	SHEET (LH)						
	36	1	224-0687	1	BRACKET (LH)						
M		1	8T-3612	1	NUT-WELD (M8X1.25 THD)						
	37	1	224-0688	1	BRACKET (RH)						
M		1	8T-3612	1	NUT-WELD (M8X1.25 THD)						
	38	1	229-1948	1	SUPPORT AS (RH)						
	39	1	229-1949	1	SUPPORT AS (LH)						
	40	1	229-2834	1	PLATE AS (LH)						
	41	1	229-2835	1	PLATE AS (RH)						
	42	1	230-8334	1	BRACKET AS (RH)						
	43	1	230-8335	1	BRACKET AS (LH)						
	44	1	6V-8513	6	WASHER-HARD (11X35X2.5MM THK)						
	45	1	3B-4609	2	PIN-COTTER						
	46	1	7X-7729	8	WASHER (11X25X3MM THK)						
	47	1	7Y-2854	6	SPACER (24X38X3MM THK)						
	48	1	8T-4121	30	WASHER-HARD (11X21X2.5MM THK)						
M	49	1	8T-4133	8	NUT (M10X1.5 THD)						
M	50	1	8T-4136	4	BOLT (M10X1.5X25MM)						
M	51	1	8T-4137	8	BOLT (M10X1.5X20MM)						
M	52	1	8T-4185	2	BOLT (M10X1.5X50MM)						
M	53	1	8T-4195	20	BOLT (M10X1.5X30MM)						
BD	54	1	202-5293		SEAL						

B-USE AS REQUIRED
D-ORDER BY THE METER
J-REQUIRES 5P8500 KEY
M-METRIC PART

FRAME AND BODY

200-6248 HOOD & GUARD GP (contd.)

i01881389



GRAPHIC #1

<END>

g00974433

FRAME AND BODY

155-9323 HOOD GP

S/N: CCK1-UP

PART OF 189-4619 CHASSIS AR

SMCS-7251

i01874555

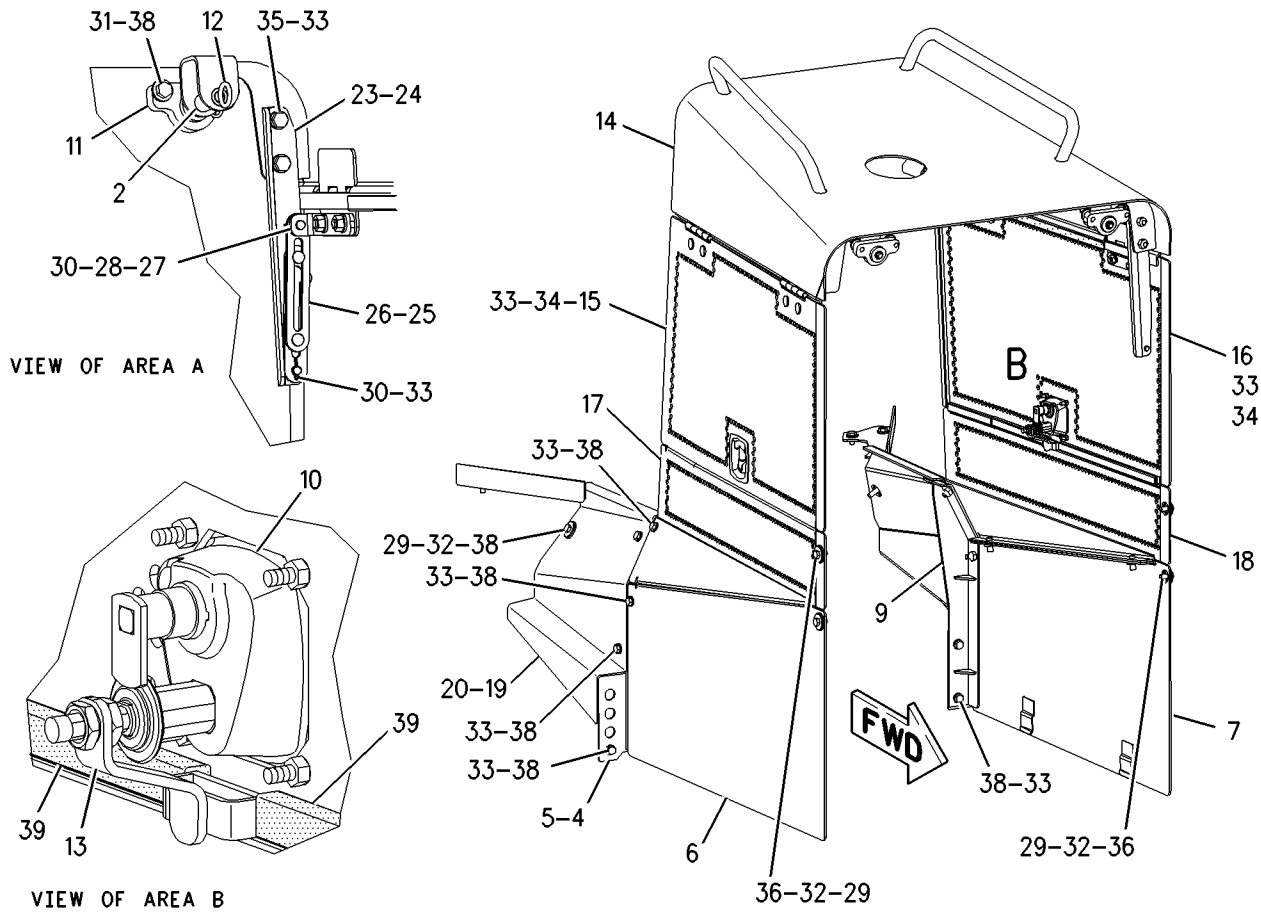
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6S-6251	2	MOUNT						
	2	1	6S-6646	2	PIN-COTTER						
	3	1	111-4643	2	PLATE						
	4	1	155-9301	1	PLATE AS-RH						
M		1	8T-3490	2	NUT-WELD (M10X1.5 THD)						
	5	1	155-9302	1	PLATE AS-LH						
M		1	8T-3490	2	NUT-WELD (M10X1.5 THD)						
	6	1	155-9329	1	SHEET AS (RH)						
	7	1	155-9330	1	SHEET AS (LH)						
	8	1	155-9331	1	SUPPORT AS (RH)						
		1	9R-2672	1	BOSS (M10X20MM)						
M		1	8T-3490	4	NUT-WELD (M10X1.5 THD)						
	9	1	155-9332	1	SUPPORT AS (LH)						
M		1	8T-3490	4	NUT-WELD (M10X1.5 THD)						
	10	1	177-1570	2	LATCH AS						
					(EACH INCLUDES)						
J		1	217-0733	1	LOCK AS						
	11	1	201-4033	2	PLATE AS						
					(EACH INCLUDES)						
		1	3H-8726	1	MOUNT AS						
	12	1	201-5349	2	SHAFT AS						
	13	1	212-3511	2	LATCH (CAM)						
	14	1	222-6234	1	HOOD AS						
M		1	8T-3490	2	NUT-WELD (M10X1.5 THD)						
	15	1	222-6235	1	DOOR AS (RH)						
M		1	8T-5413	4	STUD-WELD (M10X1.5X25MM OAL)						
	16	1	222-6236	1	DOOR AS (LH)						
M		1	8T-5413	4	STUD-WELD (M10X1.5X25MM OAL)						
	17	1	222-6237	1	SHEET AS (RH)						
	18	1	222-6238	1	SHEET AS (LH)						
	19	1	222-6239	1	SHEET (RH)						
	20	1	222-6240	1	SHEET (LH)						
	21	1	224-0687	1	BRACKET (LH)						
	22	1	224-0688	1	BRACKET (RH)						
	23	1	229-1948	1	SUPPORT AS (RH)						
	24	1	229-1949	1	SUPPORT AS (LH)						
	25	1	229-2834	1	PLATE AS (LH)						
	26	1	229-2835	1	PLATE AS (RH)						
	27	1	230-8334	1	BRACKET AS (RH)						
	28	1	230-8335	1	BRACKET AS (LH)						
	29	1	6V-8513	6	WASHER-HARD (11X35X2.5MM THK)						
	30	1	3B-4609	4	PIN-COTTER						
	31	1	7X-7729	8	WASHER (11X25X3MM THK)						
	32	1	7Y-2854	6	SPACER (24X38X3MM THK)						
	33	1	8T-4121	30	WASHER-HARD (11X21X2.5MM THK)						
M	34	1	8T-4133	8	NUT (M10X1.5 THD)						
M	35	1	8T-4136	4	BOLT (M10X1.5X25MM)						
M	36	1	8T-4137	8	BOLT (M10X1.5X20MM)						
M	37	1	8T-4185	2	BOLT (M10X1.5X50MM)						
M	38	1	8T-4195	20	BOLT (M10X1.5X30MM)						
BD	39	1	202-5293		SEAL						

B-USE AS REQUIRED
D-ORDER BY THE METER
J-REQUIRES 5P8500 KEY
M-METRIC PART

FRAME AND BODY

155-9323 HOOD GP (contd.)

i01874555



GRAPHIC #1

<END>

g00956277

FRAME AND BODY

217-3841 PANEL GP-SOUND SUPPRESSION

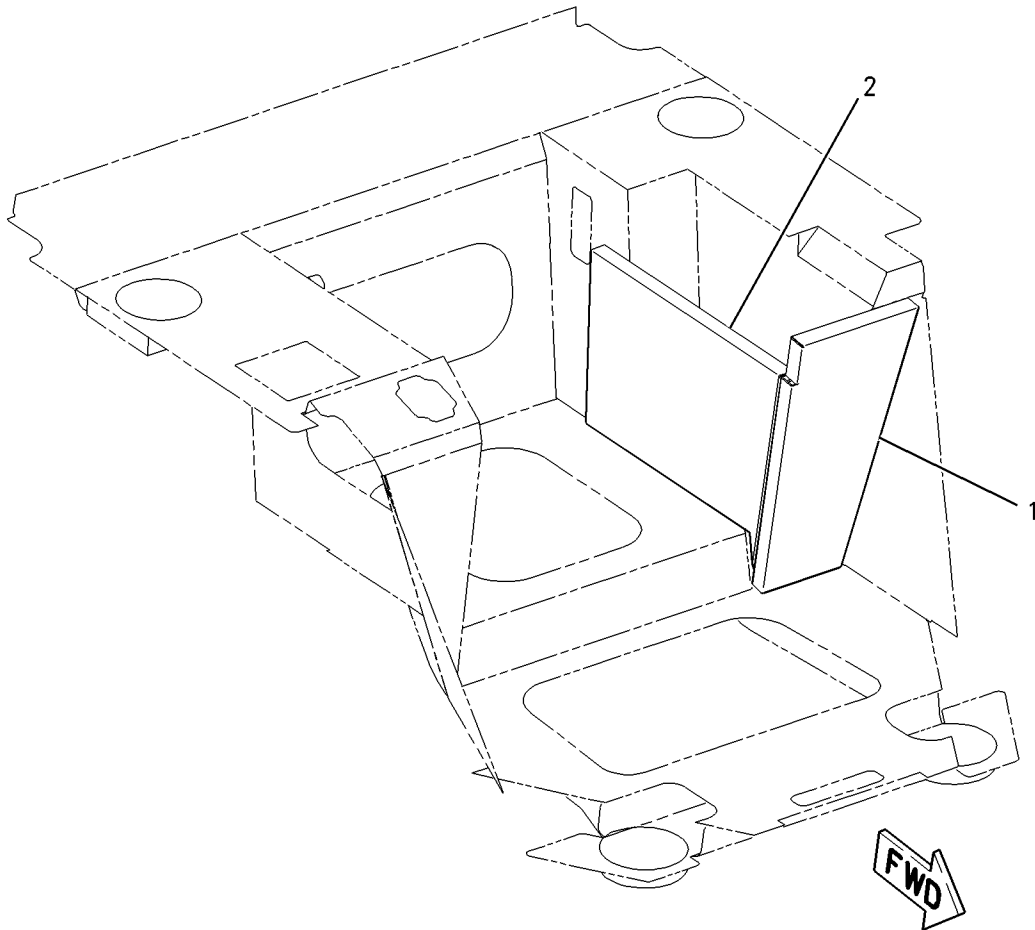
S/N: CCK1-UP

PART OF 217-3819 CAB GP

SMCS-7076

i01835123

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	208-1210	1	INSULATION						
	2	1	208-1211	1	INSULATION						



GRAPHIC #1

<END>

g00937115

FRAME AND BODY

225-0435 SWEEP GP-OPEN ROPS

S/N: CCK1-UP

CANNOT BE USED WITH CAB AR
AN ATTACHMENT

SMCS-7162

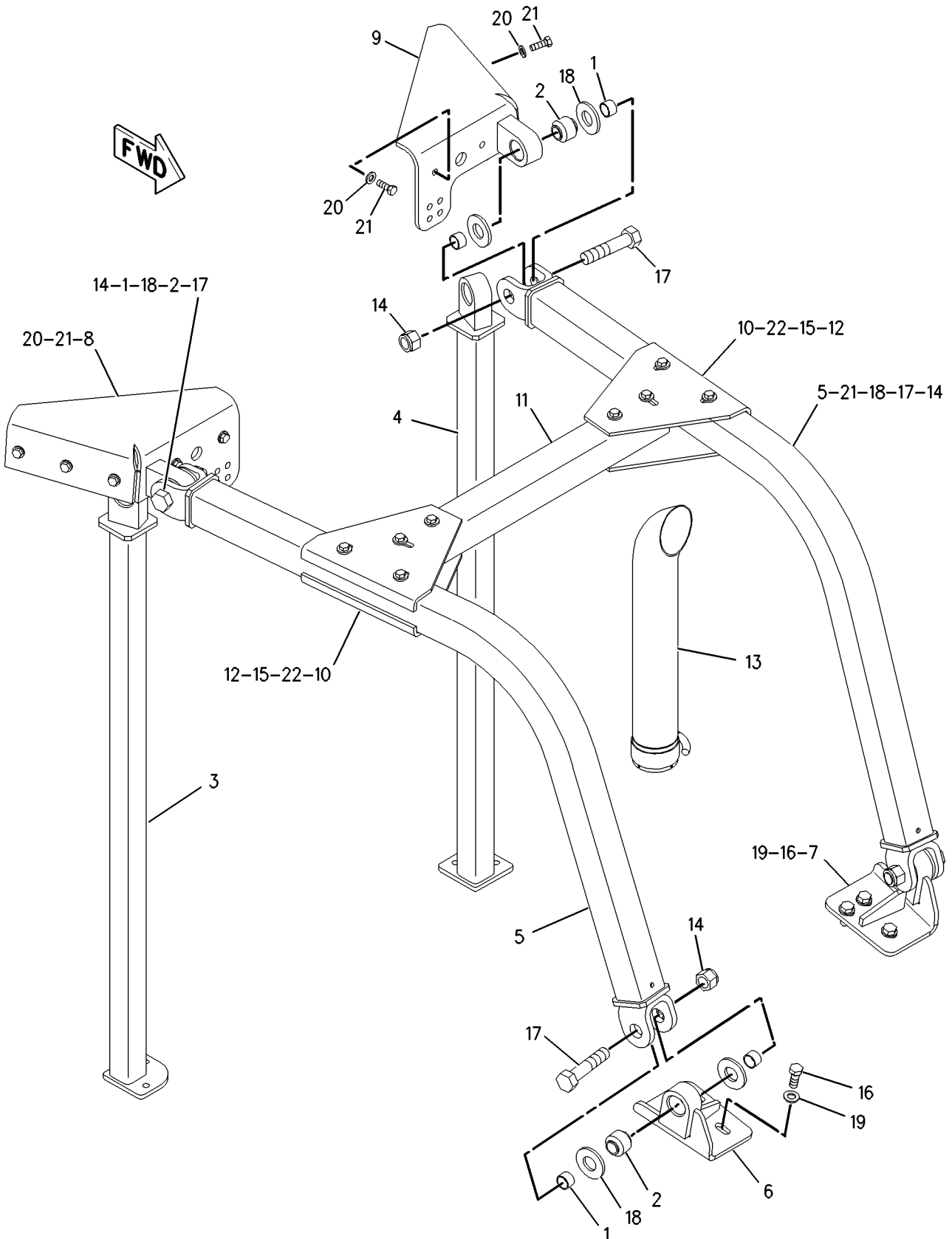
i01831065

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1P-2772	8	SPACER (26X31X19MM THK)						
	2	1	9S-5187	4	MOUNTING						
	3	1	185-2666	1	STABILIZER AS						
		1	3T-7641	1	PLATE						
		1	3W-6468	1	PLATE						
	4	1	185-2667	1	STABILIZER AS						
		1	3T-7641	1	PLATE						
		1	3W-6468	1	PLATE						
	5	1	225-0437	2	SWEEP AS						
					(EACH INCLUDES)						
		1	3W-6468	2	PLATE						
		1	9S-5183	2	BRACKET						
	6	1	225-0439	1	BRACKET AS (RH)						
		1	3T-7641	1	PLATE						
		1	225-0440	1	BRACKET AS (LH)						
		1	3T-7641	1	PLATE						
	8	1	225-0441	1	SUPPORT AS (RH)						
M		1	8T-3490	4	NUT-WELD (M10X1.5 THD)						
	9	1	225-0442	1	SUPPORT AS (LH)						
M		1	8T-3490	4	NUT-WELD (M10X1.5 THD)						
	10	1	225-0443	4	PLATE						
	11	1	225-0444	1	TUBE						
M	12	1	129-3180	8	LOCKNUT (M12X1.75 THD)						
	13	1	199-5977	1	PIPE AS-EXHAUST						
	14	1	3E-9864	4	LOCKNUT (1-8 THD)						
	15	1	5P-1076	16	WASHER-HARD (13.5X30X4MM THK)						
M	16	1	7X-2553	6	BOLT (M16X2X40MM)						
	17	1	8C-8843	4	BOLT (1-8X4.5 IN)						
	18	1	8P-5244	8	WASHER (33.3X69.8X6.35MM THK)						
	19	1	8T-4122	6	WASHER-HARD (17X32X3.5MM THK)						
	20	1	8T-4223	10	WASHER-HARD (13.5X25.5X3MM THK)						
M	21	1	8T-4956	10	BOLT (M12X1.75X35MM)						
M	22	1	8T-5041	8	BOLT (M12X1.75X120MM)						
M-METRIC PART											

FRAME AND BODY

225-0435 SWEEP GP (contd.)

i01831065



GRAPHIC #1

<END>

g00938254

FRAME AND BODY

225-1271 SWEEP GP-ENCLOSED ROPS

S/N: CCK1-UP

CANNOT BE USED WITH CANOPY AR
AN ATTACHMENT

SMCS-7162

i01885497

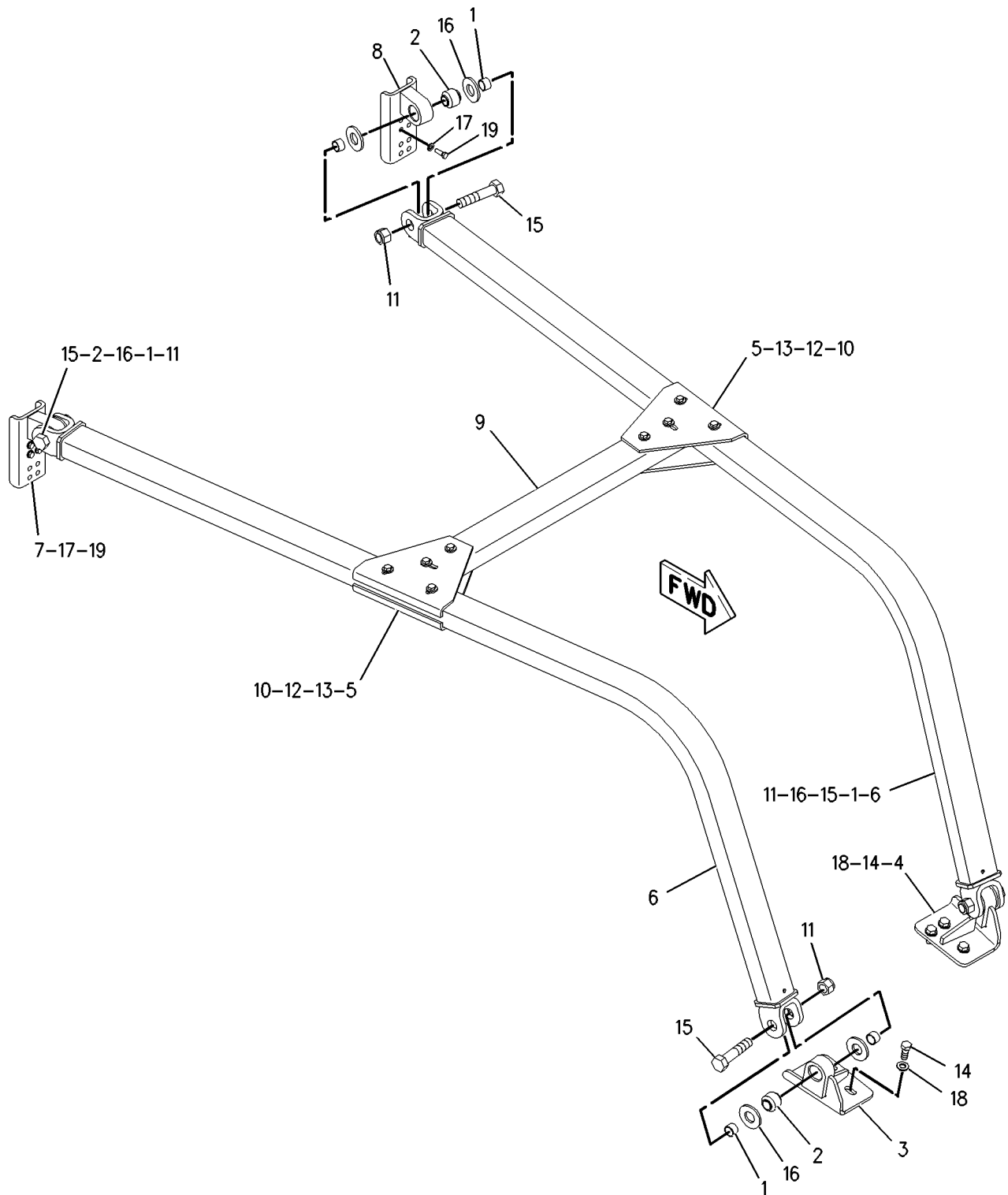
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1P-2772	8	SPACER (26X31X19MM THK)						
	2	1	9S-5187	4	MOUNTING						
	3	1	225-0439	1	BRACKET AS (RH)						
		1	3T-7641	1	PLATE						
	4	1	225-0440	1	BRACKET AS (LH)						
		1	3T-7641	1	PLATE						
	5	1	225-0443	4	PLATE						
	6	1	225-3595	2	SWEEP AS						
					(EACH INCLUDES)						
		1	9S-5183	2	BRACKET						
	7	1	225-3596	1	SUPPORT AS (RH)						
	8	1	225-3597	1	SUPPORT AS (LH)						
	9	1	225-3598	1	TUBE						
M	10	1	129-3180	8	LOCKNUT (M12X1.75 THD)						
	11	1	3E-9864	4	LOCKNUT (1-8 THD)						
	12	1	5P-1076	16	WASHER-HARD (13.5X30X4MM THK)						
M	13	1	7X-2549	8	BOLT (M12X1.75X100MM)						
M	14	1	7X-2553	6	BOLT (M16X2X40MM)						
	15	1	8C-8843	4	BOLT (1-8X4.5 IN)						
	16	1	8P-5244	8	WASHER (33.3X69.8X6.35MM THK)						
	17	1	8T-4121	8	WASHER-HARD (11X21X2.5MM THK)						
	18	1	8T-4122	6	WASHER-HARD (17X32X3.5MM THK)						
M	19	1	8T-4195	8	BOLT (M10X1.5X30MM)						

M-METRIC PART

FRAME AND BODY

225 - 1271 SWEEP GP (contd.)

i01885497



GRAPHIC #1

<END>

g00938337

UNDERCARRIAGE

172-9872 BAR GP - EQUALIZER

S/N: CCK1-UP

PART OF 173-8651 UNDERCARRIAGE AR

SMCS-7206

i01829304

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3B-8489	2	FITTING-GREASE (EQUALIZER BAR)						
	2	1	7X-0587	2	WASHER-HARD (17X54X3MM THK)						
	3	1	8E-8789	1	BAR AS						
	3A	1	7P-6596	2	BEARING-SLEEVE						
	4	1	8G-4189	2	BEARING-SELF-ALIGNING						
	5	1	8G-8316	2	SPACER (64.7X85X7MM THK)						
	6	1	109-0367	1	PIN						
	7	1	109-0377	2	PIN AS						
	8	1	109-3478	1	COVER						
	9	1	118-9602	1	COVER						
I	10	1	173-3660	1	HOSE AS						
	11	1	1J-6472	4	RING-RETAINING						
	12	1	3J-7352	1	CONNECTOR						
	13	1	3J-7354	1	SEAL-O-RING						
	14	1	6D-3479	2	CLIP						
	15	1	7K-9205	2	SEAL-LIP						
	16	1	8G-4190	4	SEAL						
	17	1	9L-5125	1	ELBOW						
	18	1	8T-4121	2	WASHER-HARD (11X21X2.5MM THK)						
M	19	1	8T-4137	2	BOLT (M10X1.5X20MM)						
M	20	1	8T-4190	2	BOLT (M16X2X25MM)						
M	21	1	8T-7338	4	BOLT (M16X2.0X45MM)						
	22	1	9X-8257	4	WASHER (17.5X30X3.5MM THK)						

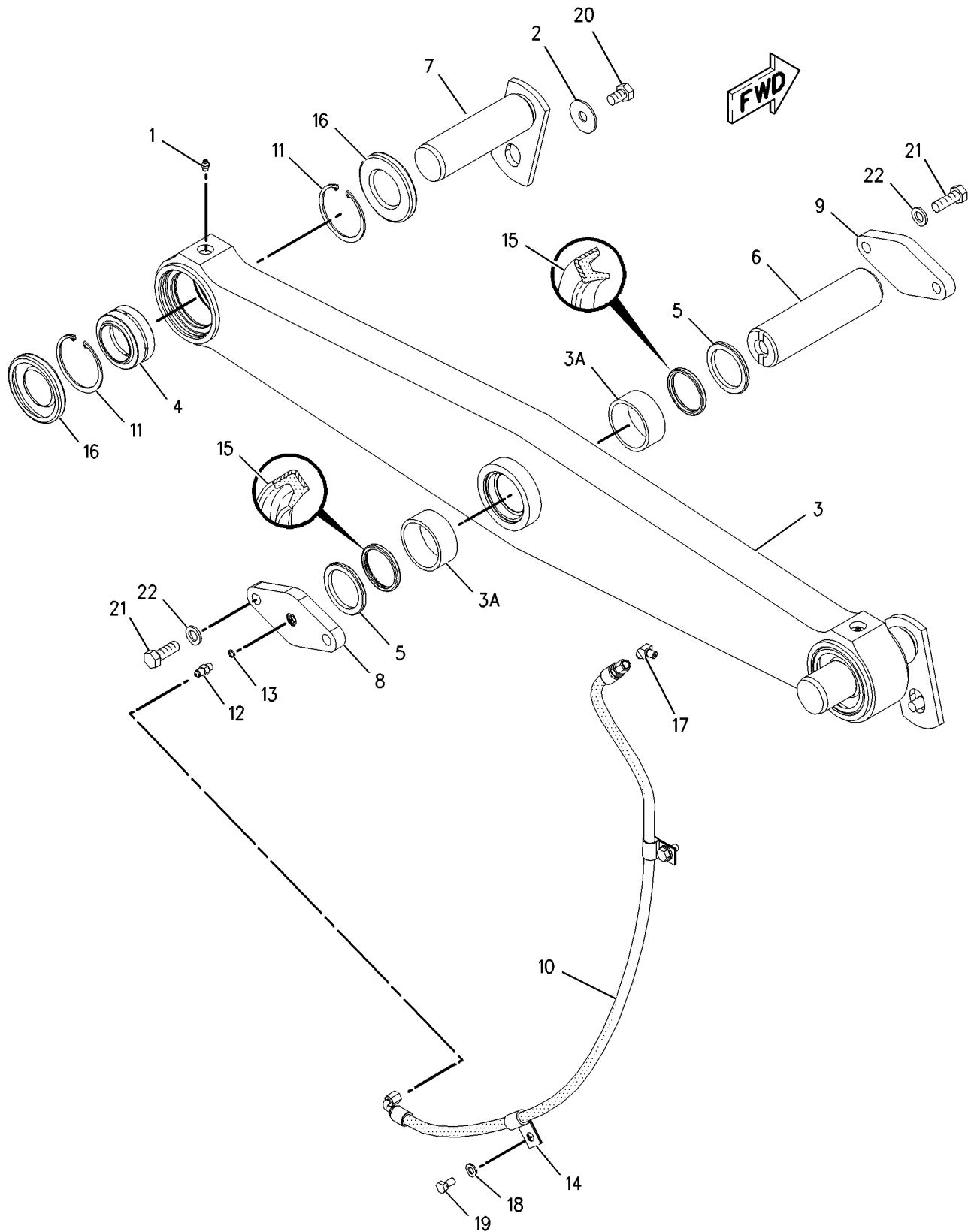
I - SEE HOSE FABRICATION GUIDE

M - METRIC PART

UNDERCARRIAGE

172-9872 BAR GP-EQUALIZER (contd.)

i01829304



GRAPHIC #1

<END>

g00914855

UNDERCARRIAGE

110-6122 CAP GP-TRACK IDLER-MOUNTING

S/N: CCK1-UP

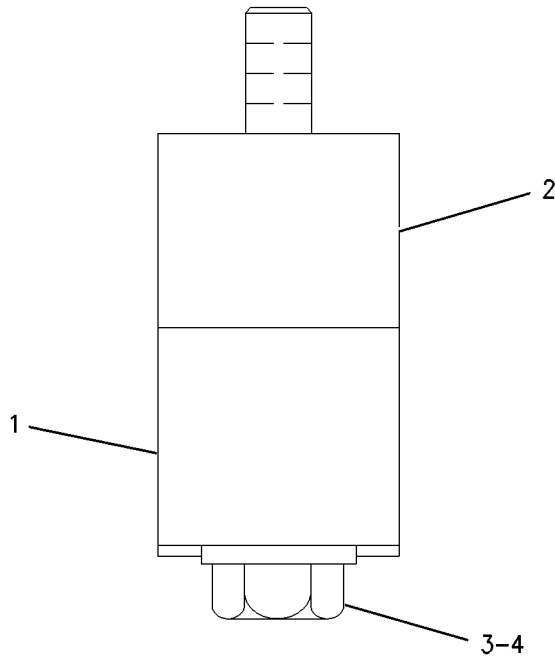
PART OF 198-9788 UNDERCARRIAGE GP

SMCS-4159

i01829374

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	108-1138	1	CAP AS-TRACK IDLER						
		1	6B-6863	1	PIN-SPRING						
	2	1	110-6124	1	BLOCK-TRACK IDLER						
M	3	1	8T-0282	2	BOLT (M16X2.0X120MM)						
	4	1	5P-8247	2	WASHER-HARD (17X32X3.5MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g00940288

UNDERCARRIAGE

198-9789 FRAME GP-TELESCOPING RECOIL

S/N: CCK1-UP

PART OF 198-9788 UNDERCARRIAGE GP

SMCS-4151

i01898248

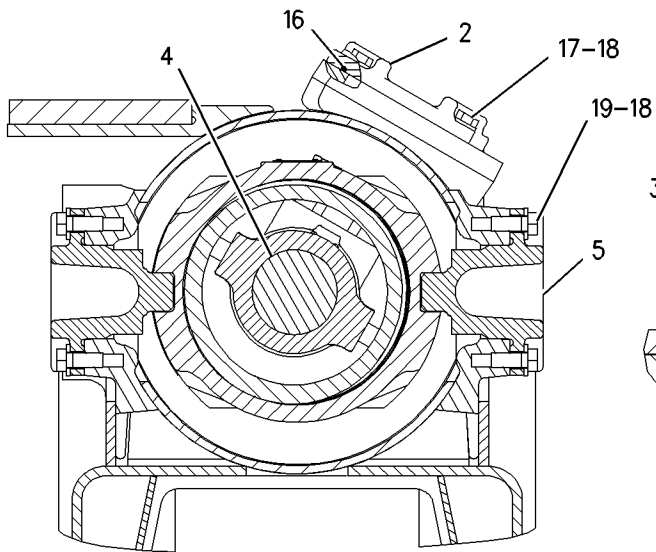
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE	
					1	2	3	4	5	6 (PRODUCT LEVEL)		
B	1	1	3W-4346	8	SHIM (4MM THK)							
	2	1	8E-1212	2	COVER AS							
							(EACH INCLUDES)					
			1	5P-9891	1	PLATE-WARNING (HIGH PRESSURE CYLINDER) (TELESCOPING RECOIL)						
			1	7B-3028	4	SCREW-DRIVE (NO 4X3/16 IN)						
	3	1	9X-4580	2	SEAL AS							
							(EACH INCLUDES)					
			1	8T-5071	1	GUARD-SEAL						
	4	1	108-0800	2	TRACK ADJUSTER & RECOIL GP						285	
	5	1	110-5692	4	RETAINER AS							
							(EACH INCLUDES)					
		1	8T-7532	1	FILM-WARNING (PARKING BRAKE CYLINDER)							
6	1	196-7074	4	STRIP-WEAR								
7	1	196-7078	4	STRIP-WEAR								
8	1	198-9790	1	FRAME AS-RH								
		1	198-9791	1	FRAME AS-LH							
						(EACH FRAME AS INCLUDES)						
		1	7J-1333	1	BEARING							
8A	1	8K-0589	2	DOWEL								
		1	9J-5284	1	BEARING-SLEEVE							
9	1	196-7109	1	GUARD AS (RH)								
10	1	196-7110	1	GUARD AS (LH)								
11	1	228-8337	2	FRAME AS								
						(EACH INCLUDES)						
		1	217-1597	1	PLATE-WARNING (RECOIL SPRING)							
		1	8T-9530	2	TACK-FASTENER							
		1	8G-3202	1	BEARING-SLEEVE							
		1	8K-0589	2	DOWEL							
12	1	196-7107	1	GUARD AS (RH)								
13	1	196-7108	1	GUARD AS (LH)								
14	1	1B-5174	2	PLUG-PIPE								
15	1	3W-2025	2	RING-RETAINING								
16	1	5H-6734	2	SEAL-O-RING								
17	1	8T-4121	8	WASHER-HARD (11X21X2.5MM THK)								
M	18	1	8T-4136	8	BOLT (M10X1.5X25MM)							
M	19	1	8T-4139	24	BOLT (M12X1.75X30MM)							
M	20	1	8T-4192	24	BOLT (M12X1.75X25MM)							
	21	1	8T-4223	48	WASHER-HARD (13.5X25.5X3MM THK)							
	22	1	9P-8899	2	BEARING							

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

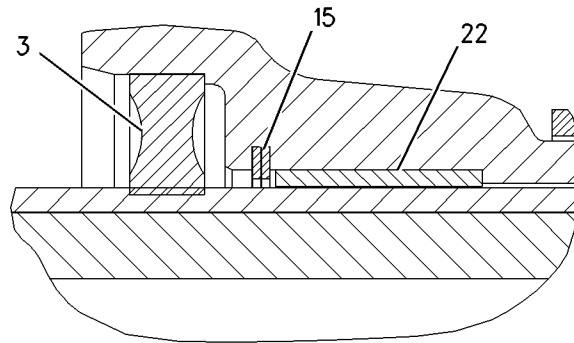
UNDERCARRIAGE

198-9789 FRAME GP-TELESCOPING RECOIL (contd.)

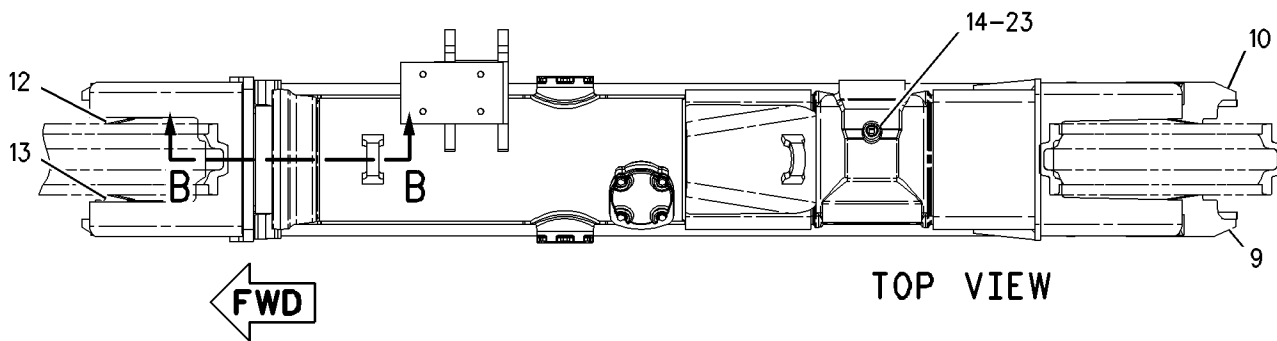
i01898248



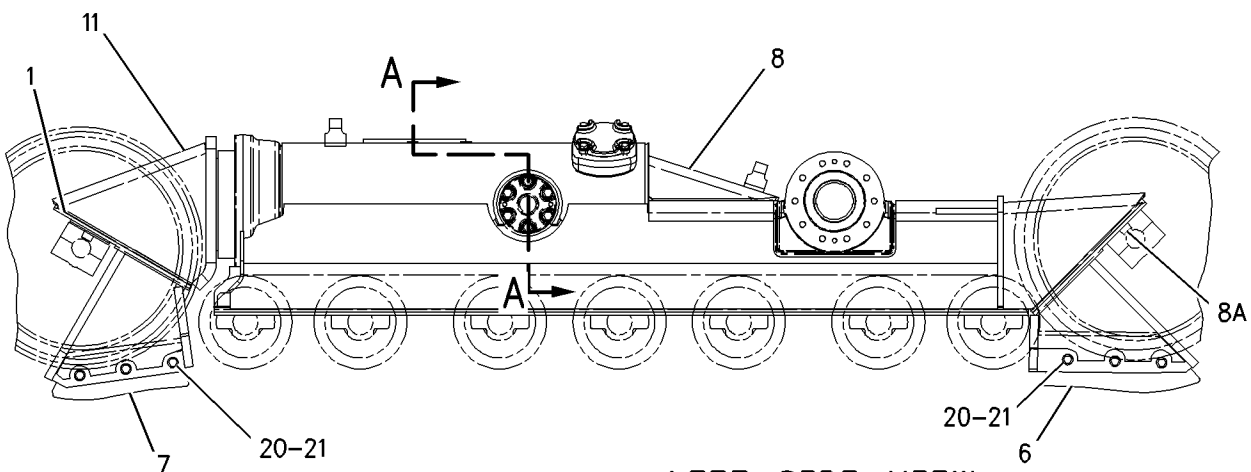
SECTION A-A



SECTION B-B



TOP VIEW



LEFT SIDE VIEW

UNDERCARRIAGE

205-6136 GUIDING AR-UNDERCARRIAGE- EXTRA LONG, MODERATE SERVICE S/N: CCK1-UP AN ATTACHMENT

SMCS-4150

i01830916

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	205-6127	1	GUARD GP-TRACK GUIDE						249
Y	121-0830	10	ROLLER GP-TRACK-DOUBLE FLANGE						280

Y-SEPARATE ILLUSTRATION

<END>

205-6137 GUIDING AR-UNDERCARRIAGE-EXTRA LONG, HEAVY DUTY S/N: CCK1-UP AN ATTACHMENT

SMCS-4150

i01830999

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	205-6128	1	GUARD GP-TRACK ROLLER						250
Y	121-0830	10	ROLLER GP-TRACK-DOUBLE FLANGE						280

Y-SEPARATE ILLUSTRATION

<END>

UNDERCARRIAGE

190-1546 IDLER GP-TRACK

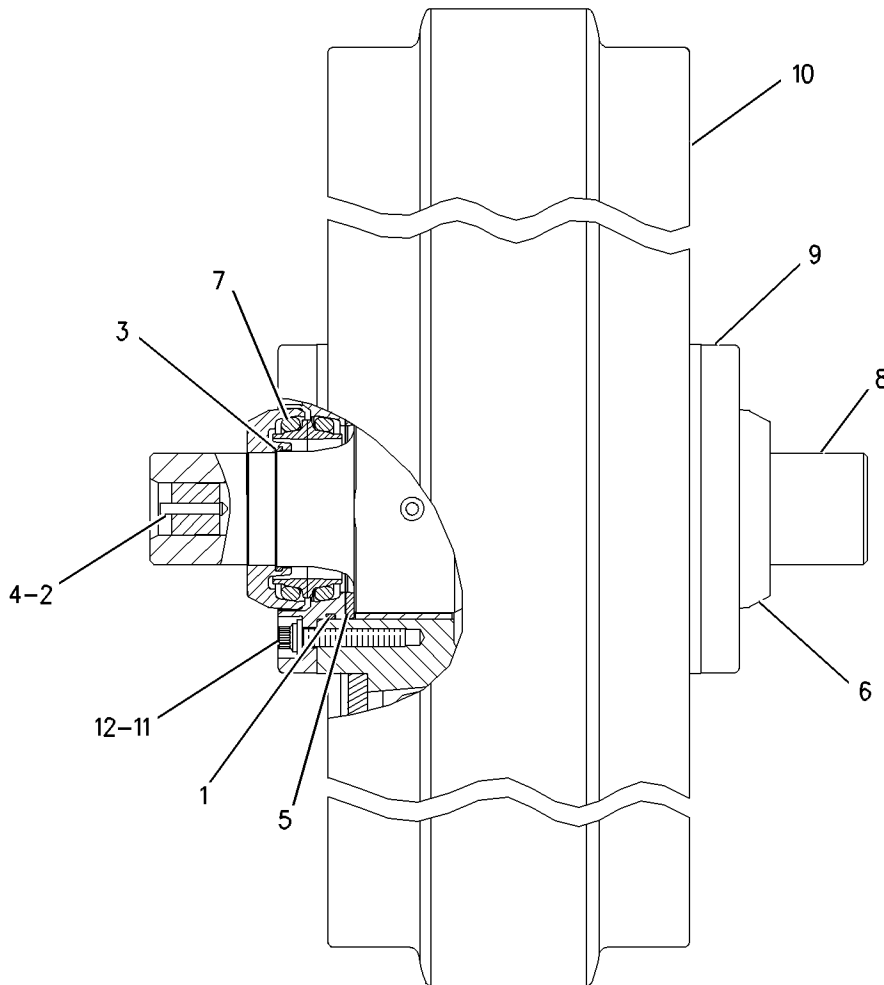
S/N: CCK1-UP

PART OF 198-9788 UNDERCARRIAGE GP

SMCS-4159

i01581537

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1H-8128	2	SEAL-O-RING						
	2	1	3T-9536	1	STOPPER-RUBBER						
	3	1	5K-0216	2	SEAL-O-RING						
	4	1	6Y-0473	1	PLUG-CLEAR						
	5	1	110-3362	2	WASHER-THRUST						
	6	1	160-9756	2	COLLAR						
	7	1	161-7247	2	SEAL GP-DUO-CONE						
		1	161-7249	2	RING-TORIC						
	8	1	161-7350	1	SHAFT-TRACK IDLER						
	9	1	161-7550	2	RETAINER						
	10	1	190-1547	1	IDLER & BEARING AS						
		1	9P-1360	2	BEARING-SLEEVE						
	11	1	053-2294	12	BOLT-12 POINT HEAD (3/8-16X1.75 IN)						
	12	1	5M-2894	12	WASHER-HARD (10.2X18.5X2.5MM THK)						



GRAPHIC #1

<END>

g00838811

UNDERCARRIAGE

110-2976 LINK AS-TRACK

S/N: CCK1-UP

SEALED & LUBRICATED-HEAVY DUTY

PART OF 110-2977, 110-2978, 110-2980, 132-1337 TRACK GP

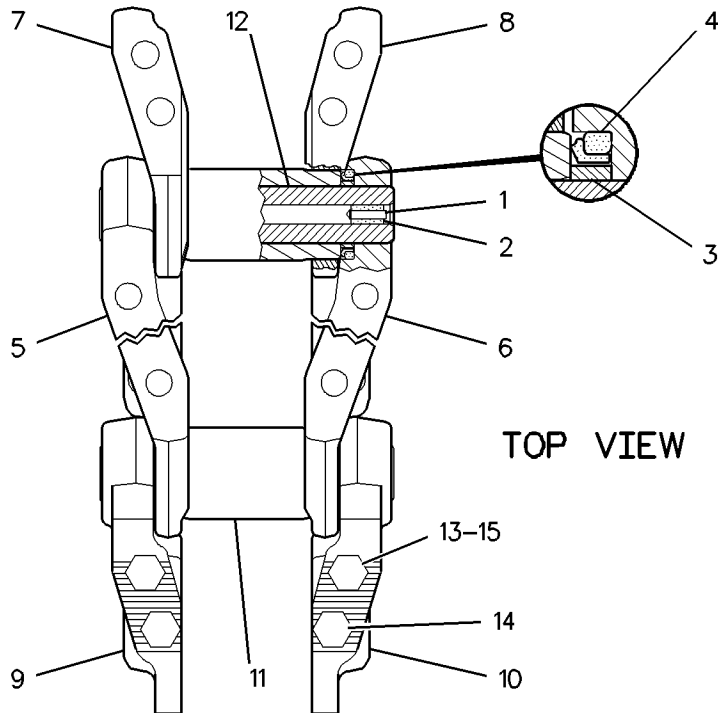
ALSO AN ATTACHMENT

SMCS-4169, 4171

i01898254

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6Y-0473	40	PLUG-CLEAR						
C	2	1	5G-2247	40	STOPPER-RUBBER						
	3	1	152-8070	80	RING-THRUST						
	4	1	8E-9642	80	SEAL AS						
	5	1	106-1626	39	LINK-TRACK (LH)						
	6	1	106-1625	39	LINK-TRACK (RH)						
	7	1	106-1628	1	LINK-MASTER-LH (PIN END)						
	8	1	106-1627	1	LINK-MASTER-RH (PIN END)						
	9	1	106-1630	1	LINK-MASTER-LH (BUSHING END)						
	10	1	106-1629	1	LINK-MASTER-RH (BUSHING END)						
	11	1	106-1618	40	BUSHING-TRACK						
C	12	1	179-0126	40	PIN-TRACK						
	13	1	106-1642	2	BOLT-TRACK MASTER (3/4-16X2.9 IN) (FOR ALL TRACK SHOES EXCEPT SELF-CLEANING)						
	14	1	107-0719	2	BOLT-TRACK MASTER (3/4-16X3.9 IN)						
	15	1	107-0717	2	BOLT-MASTER TRACK (3/4-16X3.62 IN) (FOR SELF CLEANING TRACK SHOES)						

C-CHANGE FROM PREVIOUS TYPE



GRAPHIC #1

<END>

g00987696

UNDERCARRIAGE

152-8043 LINK AS-TRACK

S/N: CCK1-UP

SEALED & LUBRICATED, ROTATING BUSHING TRACK

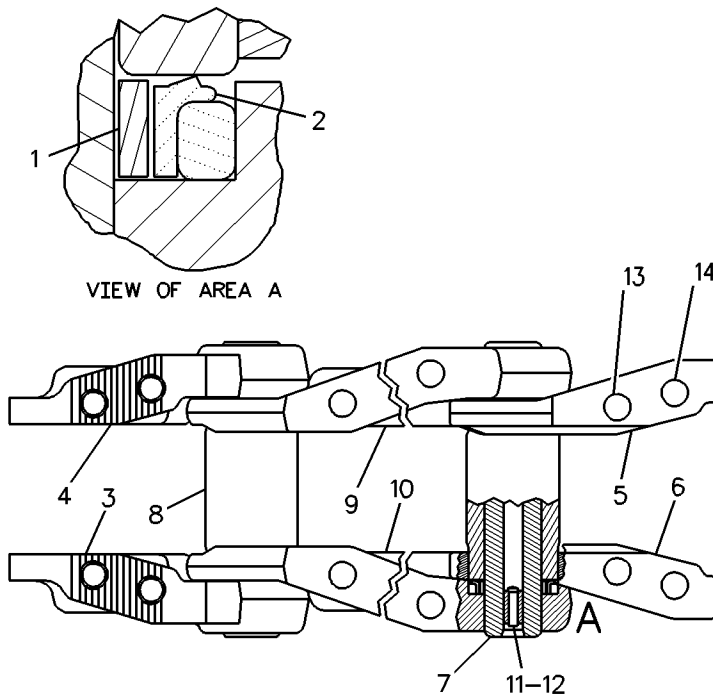
PART OF 108-2611 TRACK GP

AN ATTACHMENT

SMCS-4169, 4171

i01830109

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	152-8070	160	RING-THRUST						
	2	1	8E-9642	160	SEAL AS						
	3	1	106-1627	1	LINK-MASTER-RH (PIN END)						
	4	1	106-1628	1	LINK-MASTER-LH (PIN END)						
	5	1	165-1753	1	JOINT AS						
		1	106-1630	1	LINK-MASTER-LH (BUSHING END)						
	6	1	165-1752	1	JOINT AS						
		1	106-1629	1	LINK-MASTER-RH (BUSHING END)						
	7	1	156-4701	40	PIN-TRACK						
	8	1	165-1768	40	BUSHING-TRACK						
	9	1	165-1751	39	JOINT AS-TRACK						
					(EACH INCLUDES)						
		1	106-1626	1	LINK-TRACK (LH)						
	10	1	165-1750	39	JOINT AS-TRACK						
					(EACH INCLUDES)						
		1	106-1625	1	LINK-TRACK (RH)						
	11	1	6Y-0473	40	PLUG-CLEAR						
	12	1	5G-2247	40	STOPPER-RUBBER						
	13	1	106-1642	2	BOLT-TRACK MASTER (3/4-16X2.9 IN)						
	14	1	107-0719	2	BOLT-TRACK MASTER (3/4-16X3.9 IN)						



GRAPHIC #1

<END>

g00896122

UNDERCARRIAGE

118-6345 MOUNTING GP-CARRIER ROLLER

S/N: CCK1-UP

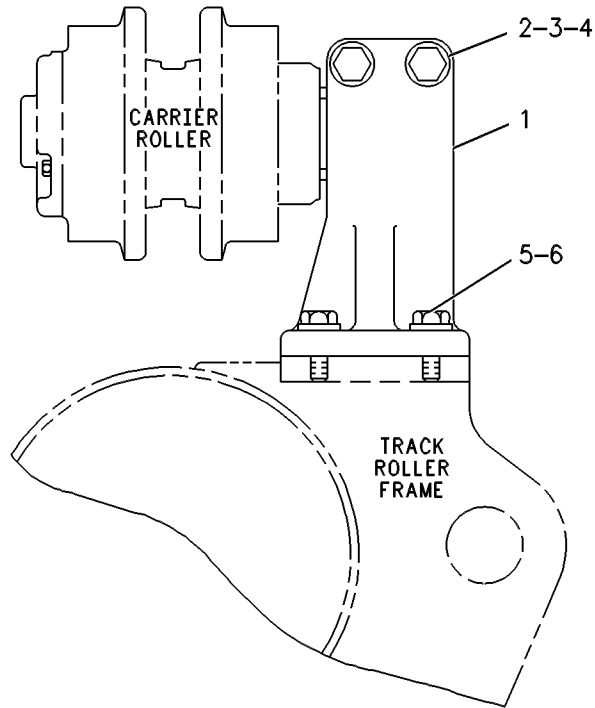
PART OF 173-8651 UNDERCARRIAGE AR

SMCS-4154

i00599914

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6Y-3125	2	BRACKET AS						
M	2	1	7X-2532	4	BOLT (M20X2.5X130MM)						
	3	1	8T-4123	8	WASHER-PLATED (3.5MM THK)						
M	4	1	8T-4131	4	NUT (M20X2.50 THD)						
M	5	1	8T-7338	8	BOLT (M16X2.0X45MM)						
	6	1	9X-8257	8	WASHER (3.50MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g00252461

UNDERCARRIAGE

107-4098 PIVOT BAR GP

S/N: CCK1-UP

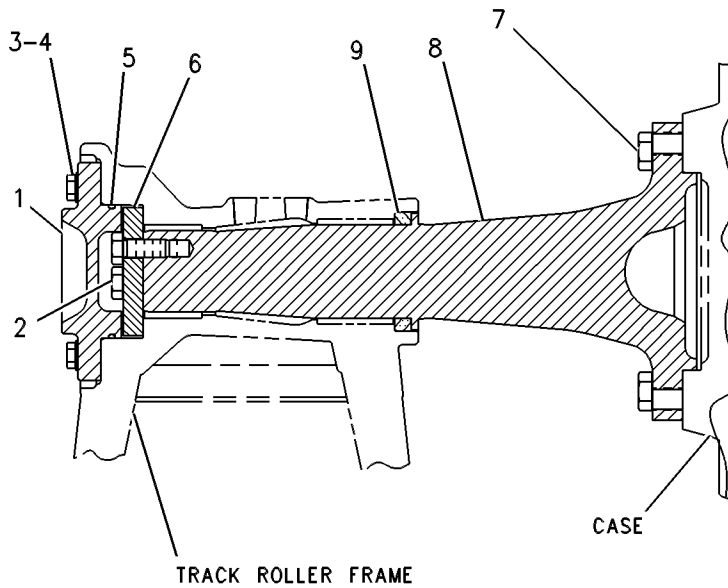
PART OF 173-8651 UNDERCARRIAGE AR

SMCS-4153

i01321574

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	108-0802	2	COVER						
M	2	1	6V-3531	6	BOLT (M20X2.5X50MM)						
M	3	1	8T-4193	20	BOLT (M16X2.0X50MM)						
	4	1	9X-8257	20	WASHER (3.50MM THK)						
	5	1	5P-1979	2	SEAL-O-RING (132.72MM ID)						
	6	1	8G-4107	2	PLATE						
M	7	1	7X-2576	24	BOLT (M24X3X70MM)						
	8	1	108-0803	2	SHAFT AS (EACH INCLUDES)						
		1	8G-5799	1	RING						
	9	1	8G-2943	2	SEAL						

M-METRIC PART



GRAPHIC #1

<END>

g00252496

UNDERCARRIAGE

6Y-3908 ROLLER GP-TRACK CARRIER

S/N: CCK1-UP

PART OF 173-8651 UNDERCARRIAGE AR

SMCS-4154

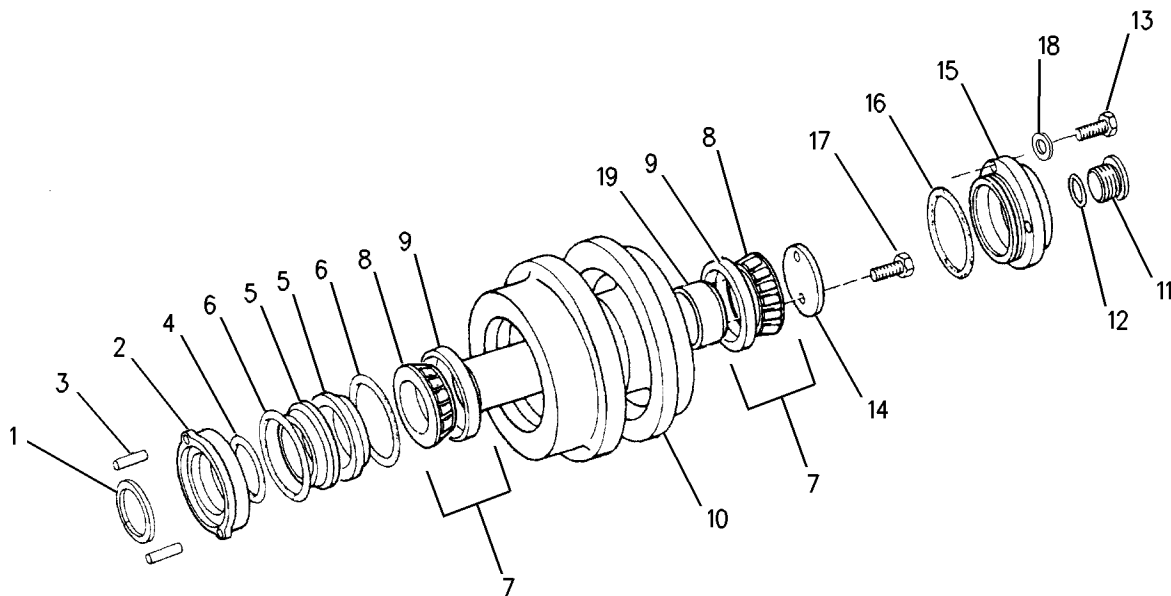
i01884253

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7H-4574	1	RING						
	2	1	7H-4571	1	COLLAR AS						
	3	1	1M-4291	2	DOWEL						
	4	1	1H-8720	1	SEAL-O-RING						
	5	1	1M-8747	1	SEAL GP-DUO-CONE						
	6	1	8H-2262	2	RING-TORIC						
	7	1	126-1347	2	BEARING AS-SPECIAL (EACH INCLUDES)						
	8	1	9S-3582	1	CONE-BEARING						
	9	1	9S-3581	1	CUP-BEARING						
	10	1	5A-8375	1	ROLLER AS						
	11	1	2P-0347	1	PLUG						
	12	1	1S-8947	1	SEAL-O-RING						
	13	1	0S-1594	3	BOLT (3/8-16X1 IN)						
	14	1	8P-6188	1	PLATE-RETAINER						
	15	1	5M-2043	1	COVER-ROLLER						
	16	1	2H-6338	1	SEAL-O-RING						
	17	1	5K-9107	2	BOLT-LOCKING (3/8-16X0.75 IN)						
	18	1	5M-2894	3	WASHER-HARD (10.2X18.5X2.5MM THK)						
	19	1	6Y-2043	1	SHAFT-CARRIER ROLLER						

UNDERCARRIAGE

6Y-3908 ROLLER GP-TRACK CARRIER (contd.)

i01884253



GRAPHIC #1

<END>

g00675856

UNDERCARRIAGE

121-0827 ROLLER GP-TRACK-DOUBLE FLANGE

S/N: CCK1-UP

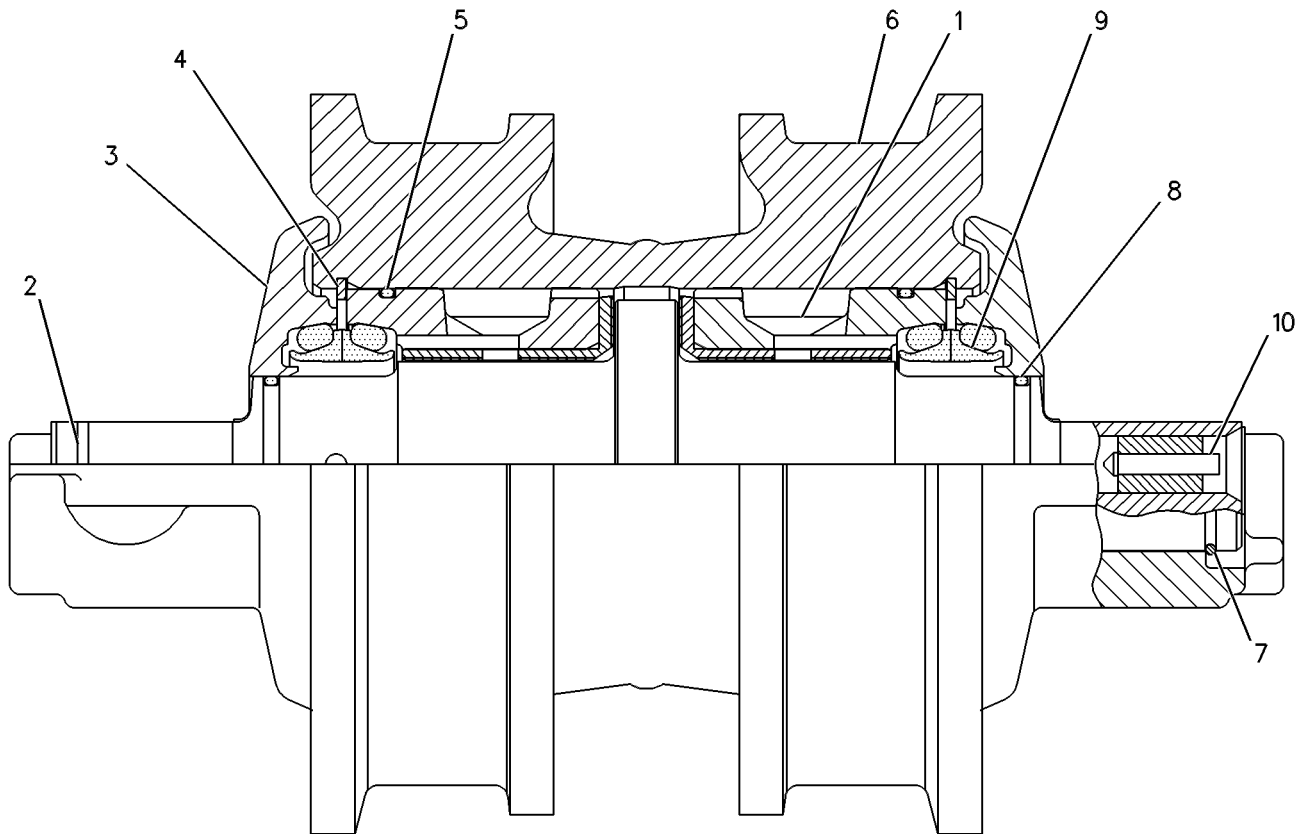
PART OF 125-4173 ROLLER GP-TRACK-DOUBLE FLANGE

SMCS-4180

i01883320

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	121-0834	2	BUSHING AS						
	2	1	131-8742	1	SHAFT - TRACK ROLLER						
	3	1	131-9352	2	COLLAR - TRACK ROLLER						
	4	1	121-1257	2	RING - RETAINING						
	5	1	1H-6227	2	SEAL - O-RING						
	6	1	121-0828	1	RIM AS-DOUBLE FLANGE						
	7	1	6H-7382	2	RING-LOCK						
	8	1	7F-8267	2	SEAL - O-RING						
R	9	1	9W-7216	1	SEAL GP - DUO - CONE						
		1	1M-3097	2	RING - SEALING						
	10	1	6Y-0473	1	PLUG - CLEAR						
		1	7G-4332	1	STOPPER						

R-REMFG PART MAY BE AVAILABLE



GRAPHIC #1

<END>

g00252463

UNDERCARRIAGE

121-0830 ROLLER GP-TRACK-DOUBLE FLANGE- UNDERCARRIAGE GUIDING

S/N: CCK1-UP

PART OF 205-6136, 205-6137 GUIDING AR-UNDERCARRIAGE
AN ATTACHMENT

SMCS-4180

i01830923

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	131-8742	1	SHAFT-TRACK ROLLER						
	2	1	131-9352	2	COLLAR-TRACK ROLLER						
	3	1	121-1257	2	RING-RETAINING						
	4	1	1H-6227	2	SEAL-O-RING						
	5	1	121-0831	1	RIM AS-DOUBLE FLANGE						
	6	1	121-0834	2	BUSHING AS						
					(EACH INCLUDES)						
		1	9B-2289	2	PIN						
		1	8P-6652	1	BEARING AS						
	7	1	7F-8267	2	SEAL-O-RING						
	8	1	6H-7382	2	RING-LOCK						
	9	1	7G-4332	1	STOPPER						
		1	6Y-0473	1	PLUG-CLEAR						
R	10	1	9W-7216	2	SEAL GP-DUO-CONE						
					(EACH INCLUDES)						
		1	1M-3097	2	RING-SEALING						

R-REMFG PART MAY BE AVAILABLE

UNDERCARRIAGE

125-4173 ROLLER GP-TRACK-DOUBLE FLANGE

S/N: CCK1-UP

PART OF 198-9788 UNDERCARRIAGE GP

SMCS-4180

i00598528

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
M	6V-3303	4	BOLT (M16X2.0X60MM)						
Y	121-0827	1	ROLLER GP-TRACK-DOUBLE FLANGE						279
	5P-8247	4	WASHER-HARD (3.5MM THK)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION

<END>

UNDERCARRIAGE

121-0824 ROLLER GP-TRACK-SINGLE FLANGE

S/N: CCK1-UP

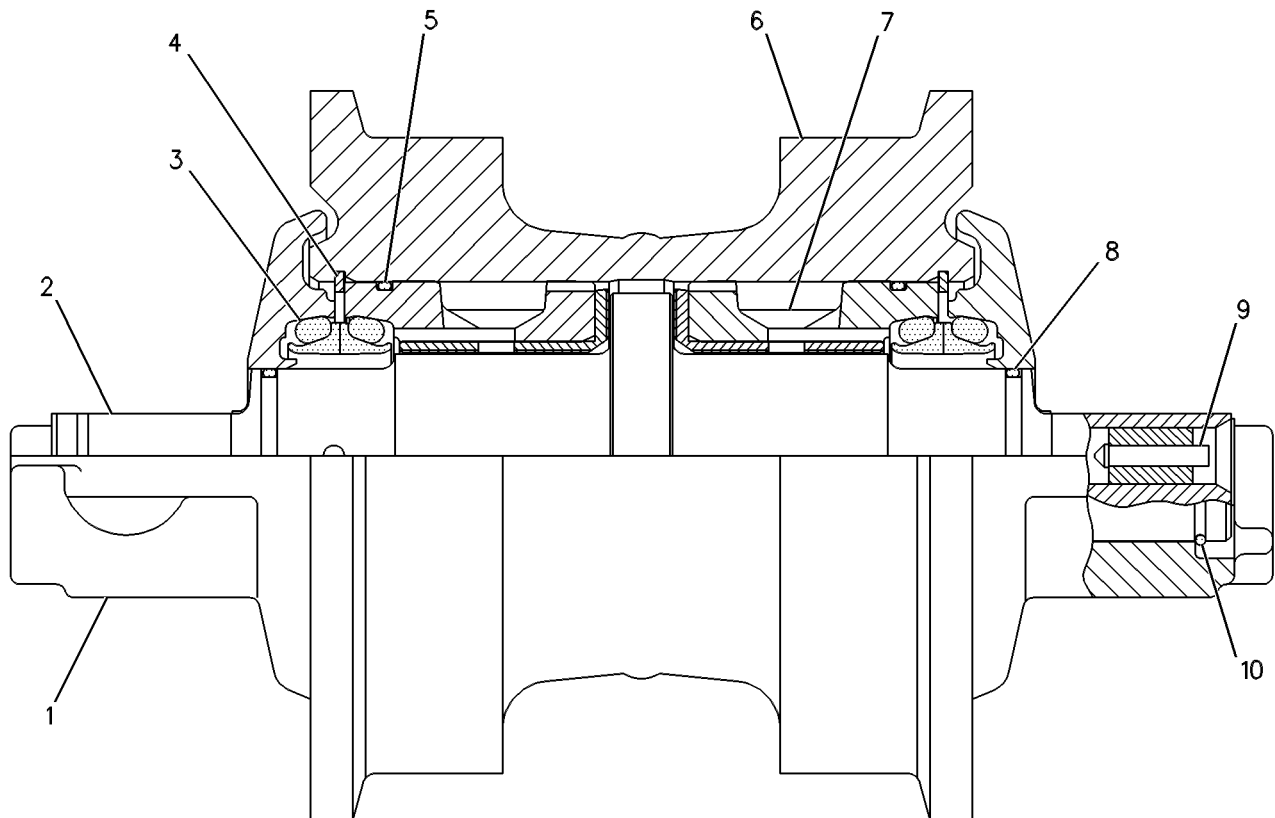
PART OF 125-4172 ROLLER GP-TRACK-SINGLE FLANGE

SMCS-4180

i01884258

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	131-9352	2	COLLAR-TRACK ROLLER						
	2	1	131-8742	1	SHAFT-TRACK ROLLER						
R	3	1	9W-7216	2	SEAL GP-DUO-CONE						
					(EACH INCLUDES)						
		1	1M-3097	2	RING-SEALING						
	4	1	121-1257	2	RING-RETAINING						
	5	1	1H-6227	2	SEAL-O-RING						
	6	1	121-0825	1	RIM AS-SINGLE FLANGE						
	7	1	121-0834	2	BUSHING AS						
					(EACH INCLUDES)						
		1	9B-2289	2	PIN						
	8	1	7F-8267	2	SEAL-O-RING						
	9	1	6Y-0473	1	PLUG-CLEAR						
		1	7G-4332	1	STOPPER						
	10	1	6H-7382	2	RING-LOCK						

R-REMFG PART MAY BE AVAILABLE



GRAPHIC #1

<END>

g00252462

UNDERCARRIAGE

125-4172 ROLLER GP-TRACK-SINGLE FLANGE

S/N: CCK1-UP

PART OF 198-9788 UNDERCARRIAGE GP

SMCS-4180

i00601011

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	121-0824	1	ROLLER GP-TRACK-SINGLE FLANGE						283
M	6V-3303	4	BOLT (M16X2.0X60MM)						
	5P-8247	4	WASHER-HARD (3.5MM THK)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION

<END>

UNDERCARRIAGE

108-0800 TRACK ADJUSTER & RECOIL GP

S/N: CCK1-UP

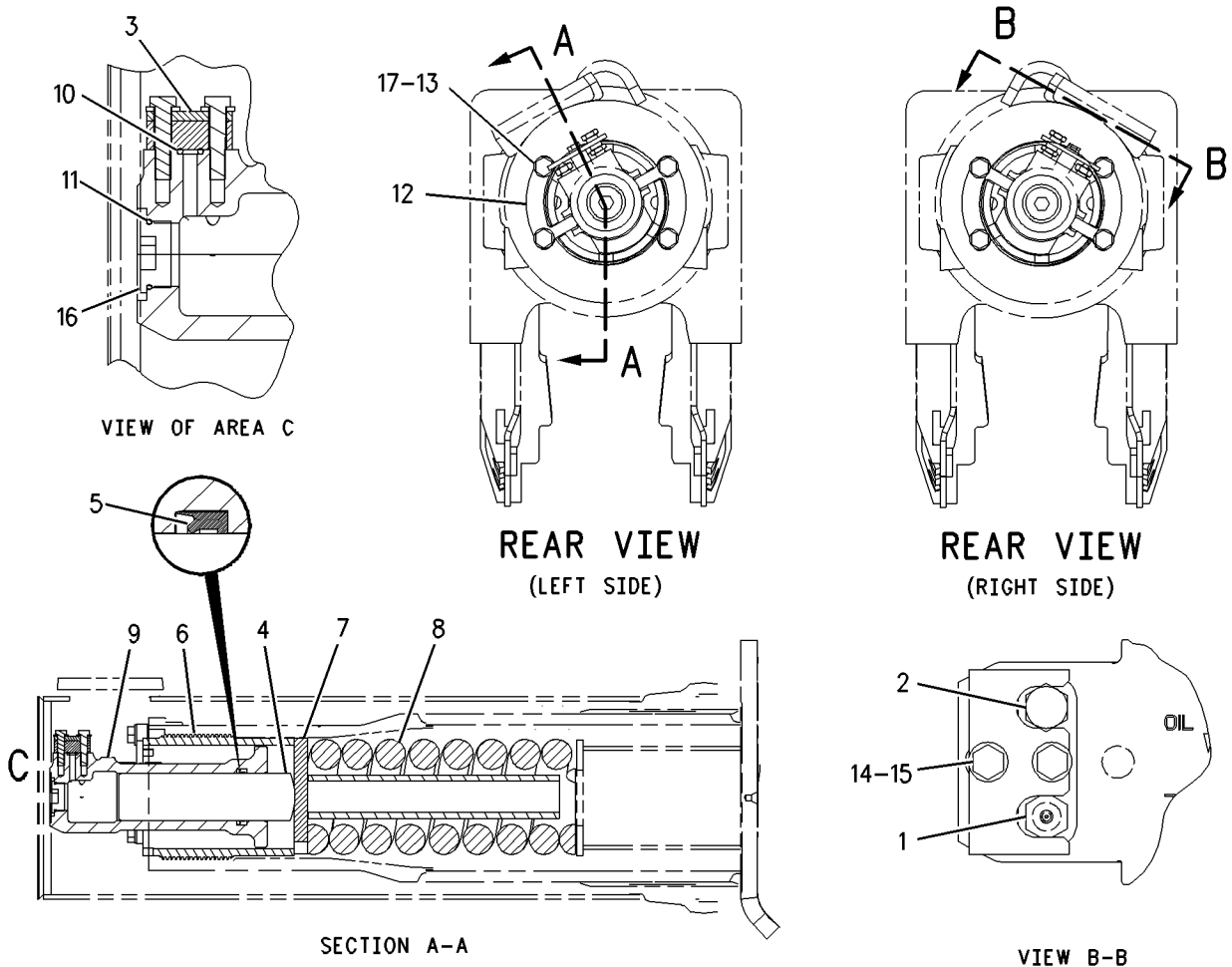
PART OF 198-9789 FRAME GP-TELESCOPING RECOIL

SMCS-4157, 4158

i01885503

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	190-8609	1	VALVE-FILL (TRACK ADJUST & RECOIL CYLINDER)						
	2	1	2S-5926	1	VALVE (RELIEF) (TRACK ADJUST & RECOIL CYLINDER)						
	3	1	3W-2369	1	PLATE AS						
	4	1	8G-3102	1	PISTON						
	5	1	8G-4945	1	SEAL AS						
	6	1	8G-4960	1	RETAINER						
C	7	1	215-1594	1	TUBE AS						
	8	1	106-0669	1	SPRING						
	9	1	108-0801	1	CYLINDER						
	10	1	2J-6274	1	SEAL-O-RING						
	11	1	2S-4078	1	SEAL-O-RING						
	12	1	8E-4092	2	RETAINER						
M	13	1	8T-0375	4	BOLT (M16X2X45MM)						
	14	1	8T-4121	2	WASHER-HARD (11X21X2.5MM THK)						
M	15	1	8T-4182	2	BOLT (M10X1.5X45MM)						
	16	1	9S-8010	1	PLUG						
	17	1	9X-8268	4	WASHER (17.5X30X3.5MM THK)						

C- CHANGE FROM PREVIOUS TYPE
M- METRIC PART



GRAPHIC #1

<END>

g00937566

UNDERCARRIAGE

108-2611 TRACK GP-2 REQUIRED

S/N: CCK1-UP

600MM (23.6 IN) GROUSER SHOE.

SEALED & LUBRICATED, ROTATING BUSHING TRACK-MODERATE SERVICE
AN ATTACHMENT

SMCS-4170

i01830103

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	152-8043	1	LINK AS-TRACK						274
	6V-1792	156	BOLT-TRACK (3/4-16X2.4 IN)						
	106-1642	2	BOLT-TRACK MASTER (3/4-16X2.9 IN)						
	107-0719	2	BOLT-TRACK MASTER (3/4-16X3.9 IN)						
	1S-1860	156	NUT-TRACK (3/4-16 THD)						
	117-0616	1	SHOE-MASTER TRACK						
	117-0615	39	SHOE-TRACK						
Y-SEPARATE ILLUSTRATION									
<END>									

110-2977 TRACK GP-2 REQUIRED

S/N: CCK1-UP

560MM (22 IN) GROUSER SHOE. SEALED & LUBRICATED-MODERATE SERVICE-HEAVY DUTY
AN ATTACHMENT

SMCS-4170

i01321586

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	110-2976	1	LINK AS-TRACK						273
	6V-1792	156	BOLT-TRACK (3/4-16X2.4 IN)						
	107-0719	2	BOLT-TRACK MASTER (3/4-16X3.9 IN)						
	106-1642	2	BOLT-TRACK MASTER (3/4-16X2.9 IN)						
	1S-1860	156	NUT-TRACK (3/4-16 THD)						
	106-1607	39	SHOE-TRACK						
	106-1613	1	SHOE-TRACK						
Y-SEPARATE ILLUSTRATION									
<END>									

UNDERCARRIAGE

110-2978 TRACK GP-2 REQUIRED

S/N: CCK1-UP

600MM (23.6 IN) GROUSER SHOE. SEALED & LUBRICATED - MODERATE SERVICE - HEAVY DUTY
PART OF 173-8651 UNDERCARRIAGE AR

SMCS-4170

i01321595

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	110-2976	1	LINK AS - TRACK						273
	6V-1792	156	BOLT - TRACK (3/4-16X2.4 IN)						
	107-0719	2	BOLT - TRACK MASTER (3/4-16X3.9IN)						
	106-1642	2	BOLT - TRACK MASTER (3/4-16X2.9IN)						
	1S-1860	156	NUT - TRACK (3/4-16 THD)						
	117-0616	1	SHOE - MASTER TRACK						
	117-0615	39	SHOE - TRACK						
Y-SEPARATE ILLUSTRATION									

<END>

110-2980 TRACK GP-2 REQUIRED

S/N: CCK1-UP

560MM (22 IN) GROUSER SHOE. SEALED & LUBRICATED - EXTREME SERVICE - HEAVY DUTY
AN ATTACHMENT

SMCS-4170

i01321601

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	110-2976	1	LINK AS - TRACK						273
	6V-1792	156	BOLT - TRACK (3/4-16X2.4 IN)						
	106-1642	2	BOLT - TRACK MASTER (3/4-16X2.9IN)						
	107-0719	2	BOLT - TRACK MASTER (3/4-16X3.9IN)						
	1S-1860	156	NUT - TRACK (3/4-16 THD)						
	107-0714	1	SHOE - MASTER TRACK						
	107-0713	39	SHOE - TRACK						
Y-SEPARATE ILLUSTRATION									

<END>

UNDERCARRIAGE

132-1337 TRACK GP-2 REQUIRED

S/N: CCK1-UP

600MM (23.6 IN) GROUSER SHOE. EXTREME SERVICE, HEAVY DUTY, SEALED & LUBRICATED
AN ATTACHMENT

SMCS-4170

i01830129

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	110-2976	1	LINK AS-TRACK						273
	6V-1792	156	BOLT-TRACK (3/4-16X2.4 IN)						
	106-1642	2	BOLT-TRACK MASTER (3/4-16X2.9 IN)						
	107-0719	2	BOLT-TRACK MASTER (3/4-16X3.9 IN)						
	1S-1860	156	NUT-TRACK (3/4-16 THD)						
	132-1334	39	SHOE-TRACK						
	132-1336	1	SHOE-TRACK MASTER						

Y-SEPARATE ILLUSTRATION

<END>

173-8651 UNDERCARRIAGE AR

S/N: CCK1-UP

PART OF 189-4616 GENERAL AR

SMCS-4150

i01829302

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	172-9872	1	BAR GP-EQUALIZER						266
Y	118-6345	1	MOUNTING GP-CARRIER ROLLER						275
Y	107-4098	1	PIVOT BAR GP						276
Y	6Y-3908	2	ROLLER GP-TRACK CARRIER						277
Y	110-2978	2	TRACK GP						287
Y	198-9788	1	UNDERCARRIAGE GP						288

Y-SEPARATE ILLUSTRATION

<END>

198-9788 UNDERCARRIAGE GP

S/N: CCK1-UP

PART OF 173-8651 UNDERCARRIAGE AR

SMCS-4150

i01829359

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	110-6122	8	CAP GP-TRACK IDLER						268
Y	198-9789	1	FRAME GP-TELESCOPING RECOIL						269
Y	190-1546	4	IDLER GP-TRACK						272
Y	125-4173	6	ROLLER GP-TRACK-DOUBLE FLANGE						282
Y	125-4172	8	ROLLER GP-TRACK-SINGLE FLANGE						284

Y-SEPARATE ILLUSTRATION

<END>

STEERING AND BRAKING SYSTEM

193-4119 BRAKE & DIFFERENTIAL DRIVE GP

S/N: CCK1-UP

PART OF 195-0644 BRAKE GP-STEERING

SMCS-4131

i01833463

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2K-5069	1	CUP-BEARING						
	2	1	2K-9295	1	CONE-BEARING						
	3	1	3B-4124	1	CUP-BEARING						
	4	2	3S-2708	7	PIN-SPRING						
B	5	2	1U-8846		SEALANT-GASKET						
	6	2	3T-4568	3	SHAFT-PLANETARY						
	7	2	3T-4824	4	GEAR-PLANETARY (30 TEETH)						
	8	1	3T-5638	1	GEAR-BEVEL (74 TEETH)						
	9	1	3T-6394	1	PINION-BEVEL (15 TEETH)						
	10	2	3T-6963	1	SEAL-RING						
B	11	1	3T-9272	1	SHIM PACK (INCLUDES 8 SHIMS)						
	12	2	5M-0578	3	BEARING AS						
	13	2	5M-7925	4	BEARING-ROLLER						
	14	2	6I-8724	1	RING-LOCK						
	15	1	6P-1735	1	LOCKWASHER						
	16	1	6P-1736	1	WASHER (55X76X2.75MM THK)						
	17	2	6T-0062	1	PLATE						
	18	2	6T-0064	4	SHAFT-PLANETARY						
	19	1	6T-0850	2	WASHER-THRUST (287X255X2.75 THK)						
	20	1	6V-0855	1	CONE-BEARING						
	21	1	6V-7646	3	WASHER-HARD (7.2X25X2MM THK)						
	22	2	6Y-0926	3	GEAR-PLANETARY (23 TEETH)						
	23	2	6Y-0984	1	GEAR-RING (75 TEETH)						
	24	1	6Y-2704	1	SPRING-DISC						
	25	1	6Y-9373	4	DISC-FRICTION						
	26	2	7G-1596	1	RING-RETAINING						
	27	1	7H-4566	2	CUP-BEARING						
	28	1	7T-1885	1	RING						
	29	1	7T-6994	3	PLATE-CLUTCH & BRAKE						
	30	2	7T-8130	1	RING-RETAINING						
	31	1	7T-9832	1	RETAINER						
	32	1	7T-9837	1	PLATE						
	33	1	8E-5277	1	RETAINER						
	34	1	8E-5279	1	PISTON						
	35	2	8E-8307	6	DISC-THRUST						
	36	2	8E-8310	8	DISC-THRUST						
	37	1	9B-0576	1	LOCKNUT-BEARING						
	38	2	9W-1571	1	SLINGER						
B	39	1	9W-2853	1	SHIM PACK (INCLUDES 21 SHIMS)						
	40	2	9W-3937	1	SPACER (88.83X107X36.65MM THK)						
	41	2	9W-3939	1	RING-LOCK						
	42	1	9W-4274	1	CARRIER						
	43	2	9W-6102	1	GEAR-RING (84 TEETH)						
	44	2	9W-6103	1	RING-THRUST						
	45	1	205-5311	1	HOUSING AS						
	45A	1	1A-2223	2	DOWEL						
	45B	1	1A-1460	12	BOLT (1/2-13X2 IN)						
	45C	1	5P-8245	12	WASHER-HARD (13.5X25.5X3MM THK)						
Z	45D	1		1	SUPPORT-MOTOR						
	46	1	005-4834	2	CONE-BEARING						
	47	1	136-1595	1	HOUSING-ROTATING						
	48	2	191-0938	1	CARRIER-PLANETARY						
	49	2	191-0940	1	CARRIER-PLANETARY						
	50	2	193-0733	1	GEAR-SUN (24/30 TEETH)						
	51	1	193-7405	1	HUB						
	52	2	030-2135	4	BOLT-LOCKING						

STEERING AND BRAKING SYSTEM

193-4119 BRAKE & DIFFERENTIAL DRIVE GP (contd.)

i01833463

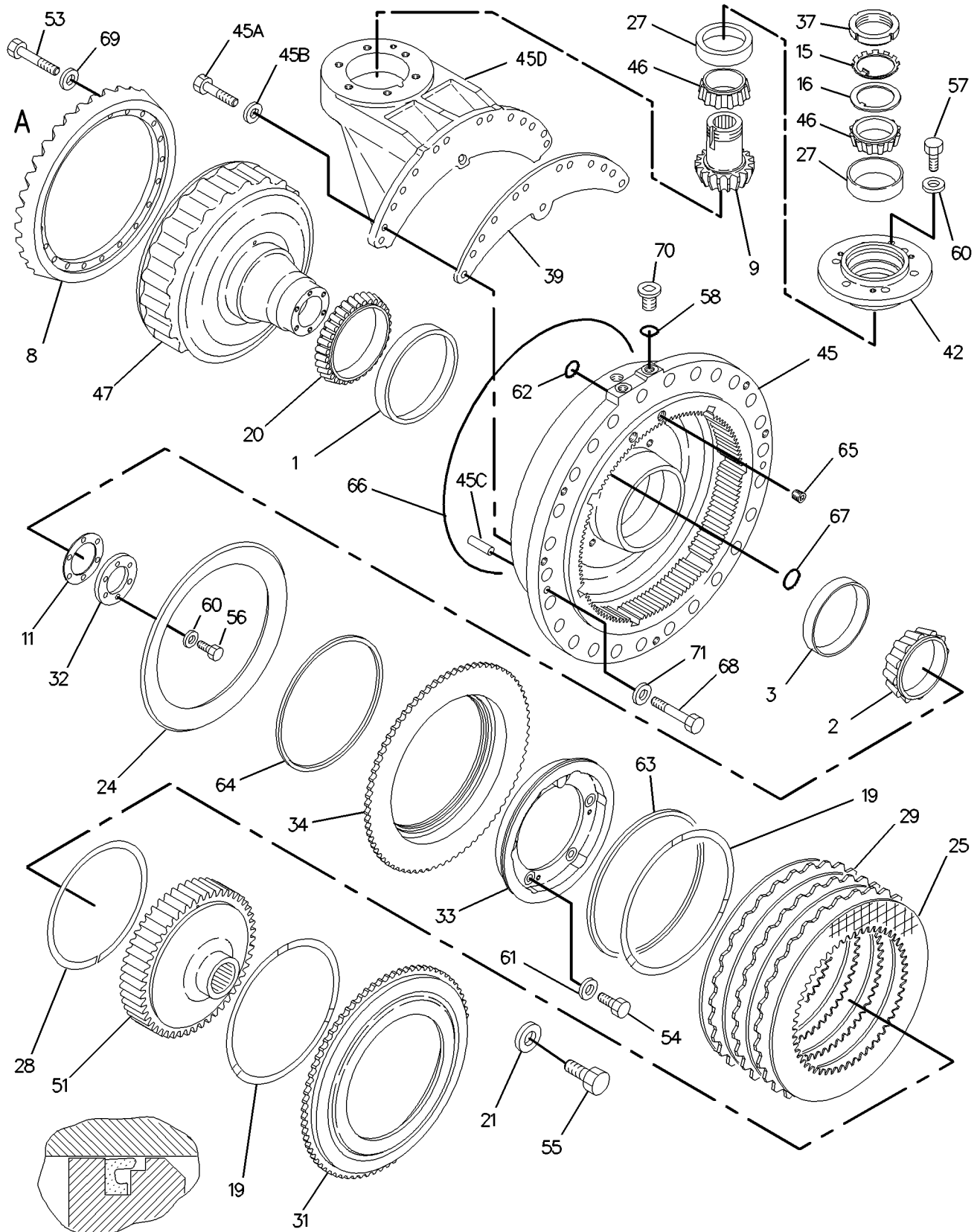
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	53	1	0L-1143	21	BOLT (3/8-16X2.50 IN)						
	54	1	0S-1585	6	BOLT (1/2-13X1.50 IN)						
	55	1	0S-1614	3	BOLT (1/4-20X0.5 IN)						
	56	1	1A-2029	6	BOLT (3/8-16X1.125 IN)						
	57	1	2A-4639	1	BOLT (3/8-16X1.625 IN)						
	58	1	3K-0360	2	SEAL-O-RING						
	59	2	5K-9107	3	BOLT-LOCKING (3/8-16X0.75 IN)						
	60	1	5M-2894	7	WASHER-HARD (10.2X18.5X2.5MM THK)						
	61	1	5P-8245	6	WASHER-HARD (13.5X25.5X3MM THK)						
	62	1	6F-6673	2	SEAL-O-RING						
	63	1	6P-5317	1	RING-SEAL						
	64	1	6Y-4003	1	RING-SEAL						
	65	1	7W-6534	4	PLUG-PIPE						
	66	1	8D-4771	1	SEAL-O-RING						
	67	1	8M-4438	1	SEAL-O-RING						
M	68	1	8T-2223	2	BOLT-SOCKET HEAD (M10X1.5X45MM)						
	69	1	9L-9132	3	WASHER (10.2X25.5X2.5MM THK)						
	70	1	9S-8005	2	PLUG						
	71	1	9X-2027	2	WASHER (11X18X2MM THK)						

B- USE AS REQUIRED
M- METRIC PART
Z- NOT SERVICED SEPARATELY

STEERING AND BRAKING SYSTEM

193-4119 BRAKE & DIFFERENTIAL DRIVE GP (contd.)

i01833463



TYPICAL SEAL INSTALLATION

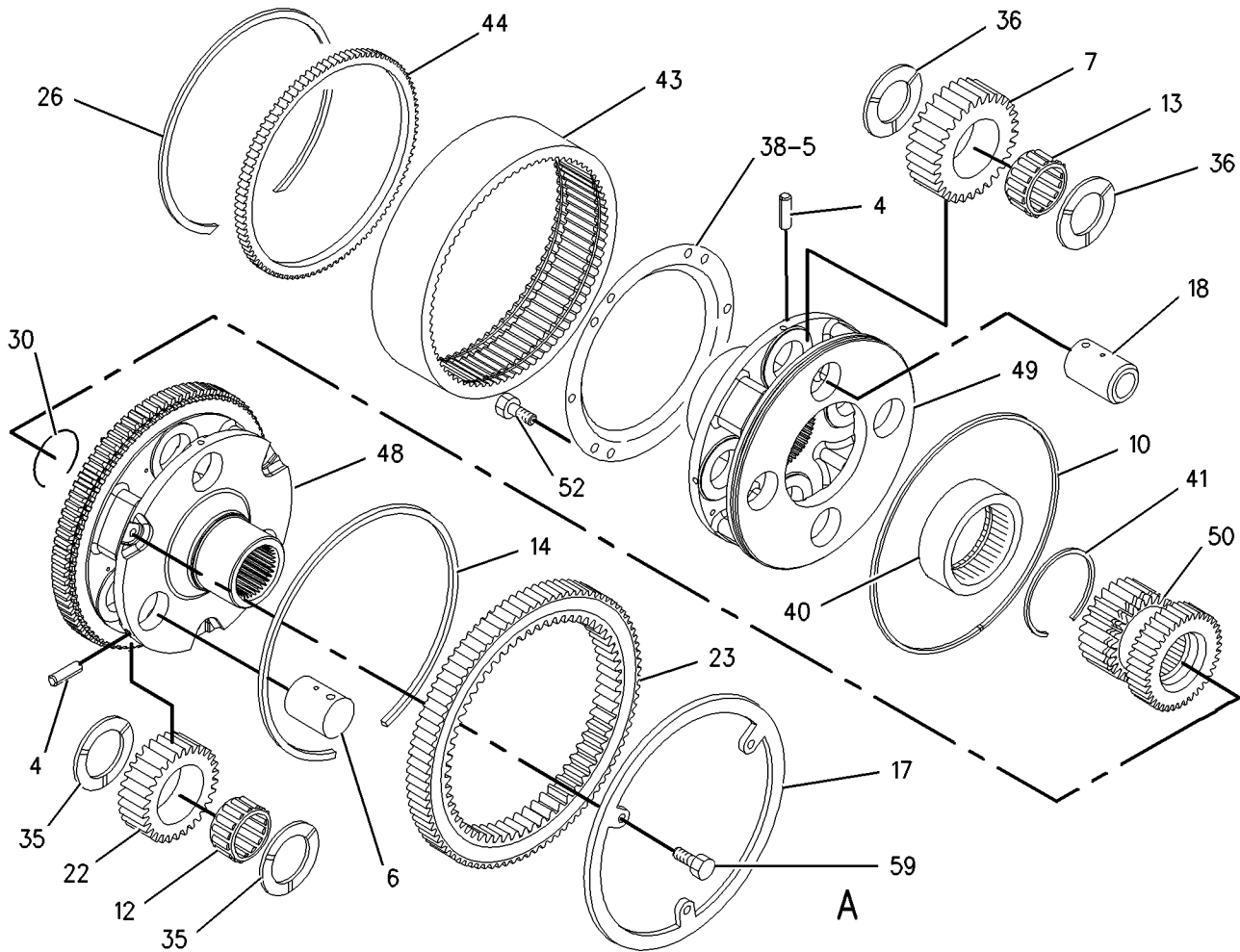
GRAPHIC #1

g00937178

STEERING AND BRAKING SYSTEM

193-4119 BRAKE & DIFFERENTIAL DRIVE GP (contd.)

i01833463



GRAPHIC #2

<END>

g00937180

STEERING AND BRAKING SYSTEM

193-4120 BRAKE & PLANETARY GP

S/N: CCK1-UP

PART OF 195-0644 BRAKE GP-STEERING

SMCS-4132

i01833494

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2708	3	PIN-SPRING						
B	2	1	1U-8846		SEALANT-GASKET						
	3	1	3T-5807	1	SLINGER						
	4	1	5M-0578	6	BEARING AS						
	5	1	6Y-2704	1	SPRING-DISC						
	6	1	6Y-9373	4	DISC-FRICTION						
	7	1	7T-1885	1	RING						
	8	1	7T-6994	3	PLATE-CLUTCH & BRAKE						
	9	1	7T-8136	3	SHAFT-PLANETARY						
	10	1	7T-9031	1	GEAR (75 TEETH)						
	11	1	7T-9837	1	PLATE						
	12	1	8E-5278	1	RETAINER AS						
	12A	1	8S-0527	1	PLUG-CUP						
	13	1	8E-5279	1	PISTON						
	14	1	8E-8307	6	DISC-THRUST						
	15	1	205-5314	1	HOUSING						
	16	1	9W-7481	3	GEAR (23 TEETH)						
	17	1	9W-7925	2	CONE-BEARING						
	18	1	9W-7926	2	CUP-BEARING						
	19	1	191-0939	1	CARRIER-PLANETARY						
	20	1	193-0736	1	GEAR AS (30 TEETH)						
	21	1	0S-1585	18	BOLT (1/2-13X1.50 IN)						
	22	1	1A-2029	6	BOLT (3/8-16X1.125 IN)						
	23	1	1C-0569	6	BOLT (5/16-18X0.5 IN)						
	24	1	3K-0360	2	SEAL-O-RING						
	25	1	5M-2894	6	WASHER-HARD (10.2X18.5X2.5MM THK)						
	26	1	5P-8245	18	WASHER-HARD (13.5X25.5X3MM THK)						
	27	1	6F-6673	2	SEAL-O-RING						
	28	1	6P-5317	1	RING-SEAL						
	29	1	6Y-4003	1	RING-SEAL						
	30	1	8D-4771	1	SEAL-O-RING						
	31	1	8M-4438	1	SEAL-O-RING						
M	32	1	8T-2223	2	BOLT-SOCKET HEAD (M10X1.5X45MM)						
	33	1	9S-8005	2	PLUG						
	34	1	9X-2027	2	WASHER (11X18X2MM THK)						

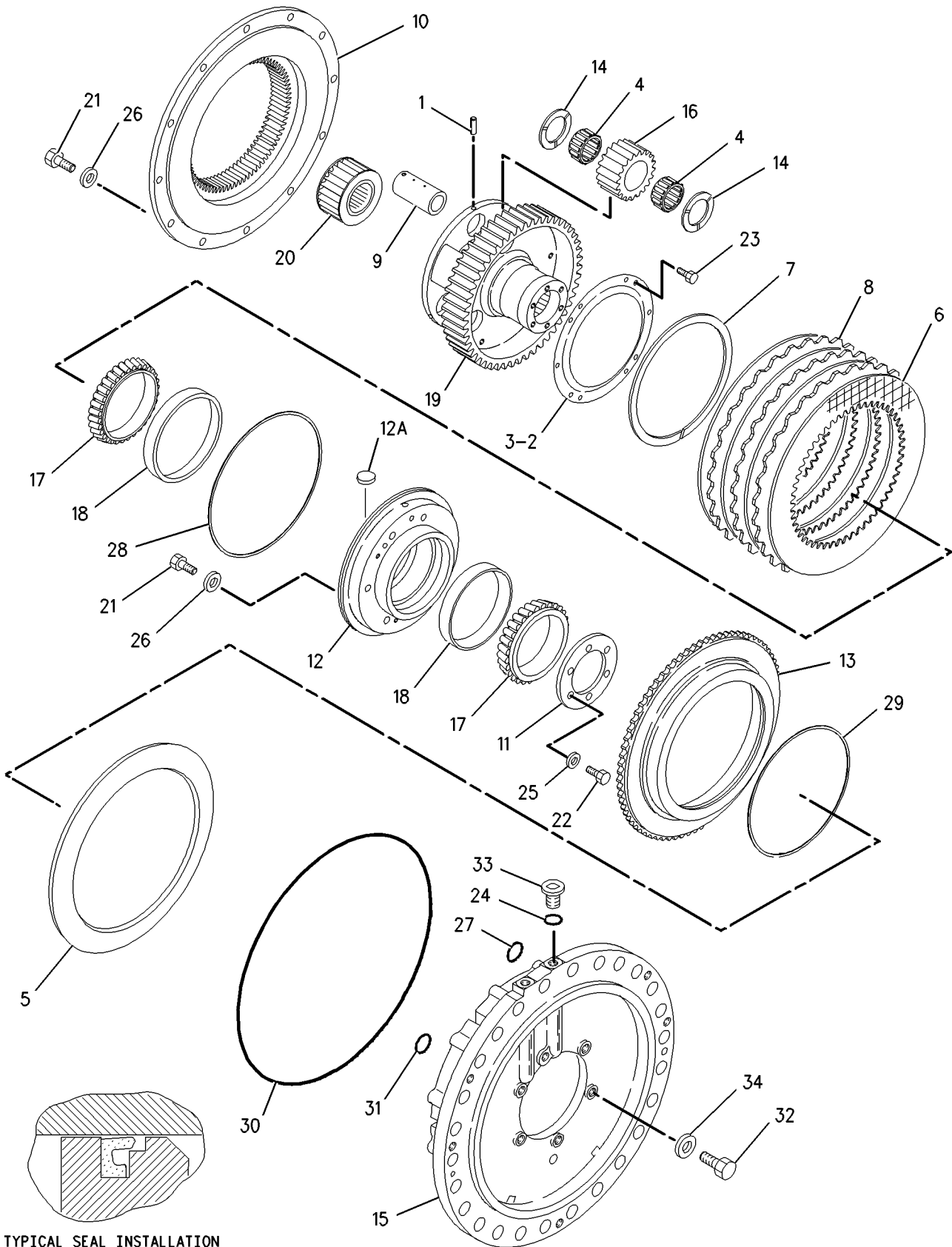
B-USE AS REQUIRED

M-METRIC PART

STEERING AND BRAKING SYSTEM

193-4120 BRAKE & PLANETARY GP (contd.)

i01833494



TYPICAL SEAL INSTALLATION

GRAPHIC #1

<END>

g00912379

STEERING AND BRAKING SYSTEM

195-0644 BRAKE GP-STEERING

S/N: CCK1-UP

PART OF 189-4620 POWER TRAIN AR

SMCS-4111

i01833423

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	193-4119	1	BRAKE & DIFFERENTIAL DRIVE GP						289
Y	193-4120	1	BRAKE & PLANETARY GP						293
Y	195-0652	1	FASTENER GP (STEERING/BRAKE CONTROL VALVE)						304
Y	201-7274	1	VALVE GP-CONTROL (STEERING/BRAKE)						324

Y-SEPARATE ILLUSTRATION

<END>

STEERING AND BRAKING SYSTEM

107-3881 CONTROL GP-PARKING BRAKE

S/N: CCK1-UP

PART OF 166-6082 CONTROL GP-STEERING & TMSN
ALSO AN ATTACHMENT

SMCS-4269, 4284

i01883328

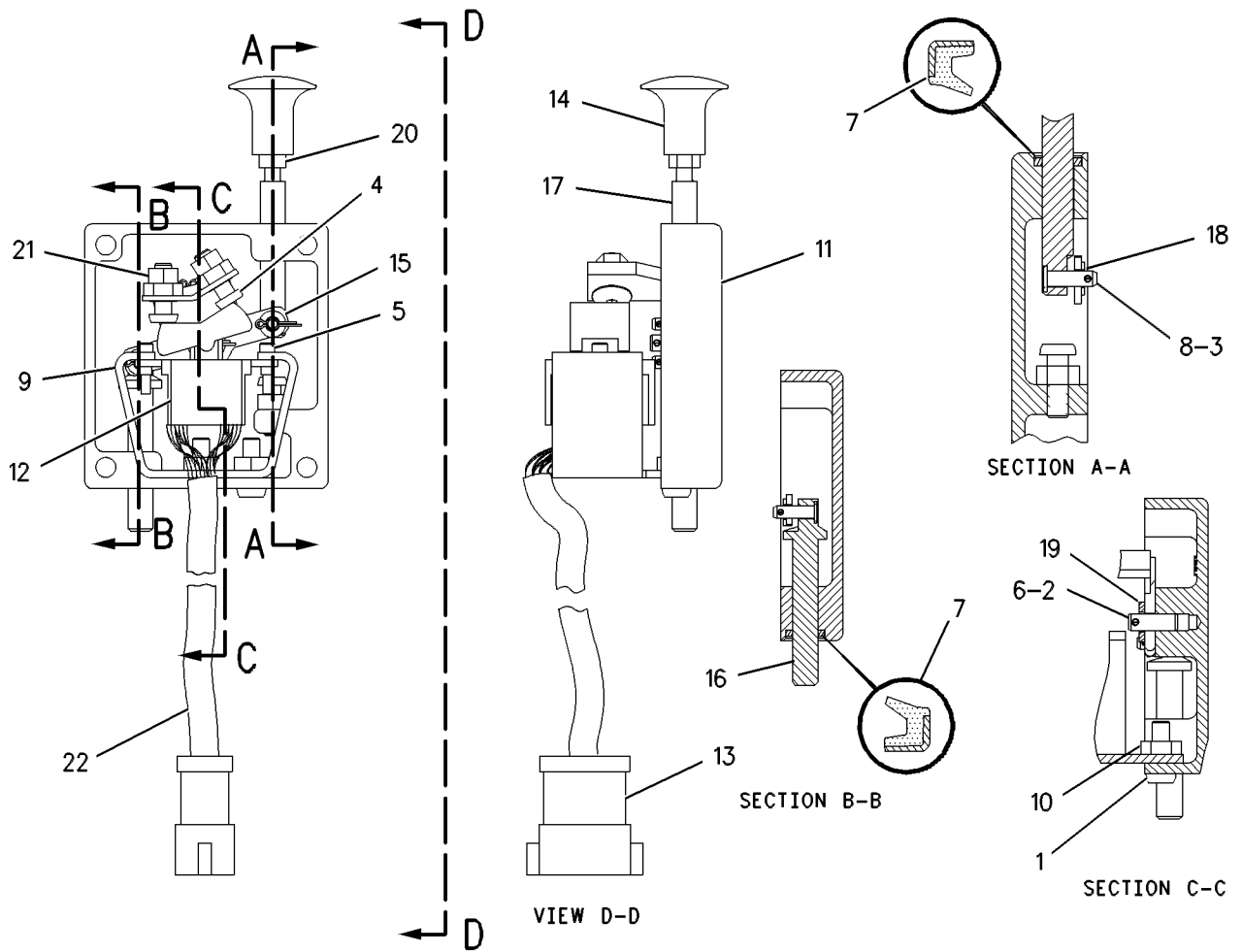
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2N-3680	3	SCREW-HEAD						
	2	1	2R-5001	1	DOWEL						
	3	1	3B-4605	2	PIN-COTTER						
	4	1	4V-6981	2	SCREW-BUTTON HEAD (1/4-20X0.75 IN)						
	5	1	6V-8118	2	SCREW-SOCKET HEAD (6/32X0.625 IN)						
	6	1	7H-9737	1	PIN-COTTER						
	7	1	8T-5410	2	SEAL-LIP						
	8	1	9S-1305	2	PIN-CLEVIS						
	9	1	107-3888	1	BRACKET AS						
	10	1	9F-6445	2	NUT-WELD (1/4-20 THD)						
	11	1	112-2660	1	COVER						
	12	1	118-0639	1	SWITCH AS-ROCKER (PARKING BRAKE)						
	13	1	102-8801	1	KIT-RECEPTACLE (12 PIN)						
					(INCLUDES WEDGE & RECEPTACLE AS)						
		1	3E-5180	1	WEDGE-RECEPTACLE LOCK						
		1	8T-8729	12	PIN-CONNECTOR						
	14	1	208-9647	1	KNOB (PARKING BRAKE)						
	15	1	167-7751	1	PLATE AS						
	16	1	127-1596	1	SHAFT (69MM LG)						
	17	1	127-1597	1	SHAFT						
	18	1	8T-0328	2	WASHER-HARD (5.5X10X1MM THK)						
	19	1	8T-4205	1	WASHER-HARD (7.2X14.5X2MM THK)						
M	20	1	5C-2890	1	NUT (M6X1 THD)						
	21	1	6V-8185	3	NUT (1/4-20 THD)						
E	22	1	8C-5063		CONDUIT-FLEXIBLE (30CM)						

E- ORDER BY THE CENTIMETER
M- METRIC PART

STEERING AND BRAKING SYSTEM

107-3881 CONTROL GP - PARKING BRAKE (contd.)

i01883328



GRAPHIC #1

<END>

g00597844

STEERING AND BRAKING SYSTEM

112-4820 CONTROL GP-STEERING & TMSN-HANDLE

S/N: CCK1-UP

PART OF 166-6082 CONTROL GP-STEERING & TMSN
ALSO AN ATTACHMENT

SMCS-4122

i01874684

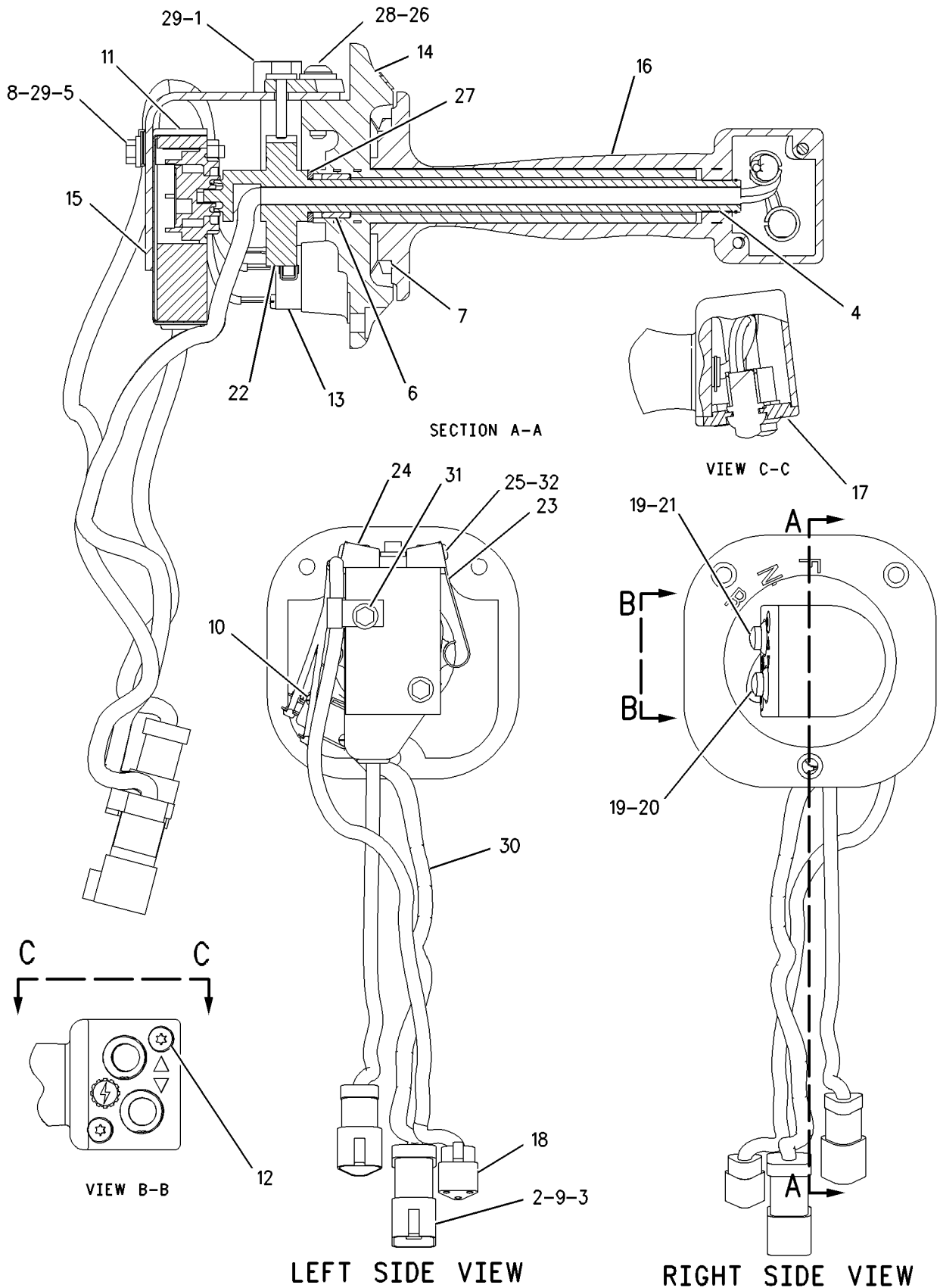
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1H-3340	1	BOLT (M10X24X25.4MM)						
	2	1	151-9275	1	KIT-RECEPTACLE (6 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	3	1	3E-3383	1	WEDGE-RECEPTACLE LOCK						
	4	1	5H-9899	1	RING-RETAINING (EXTERNAL)						
M	5	1	6V-2314	2	BOLT (M5X0.8X35MM)						
	6	1	6V-3545	1	BEARING-ROLLER						
	7	1	7X-4771	1	SEAL-V-RING						
M	8	1	7Y-5226	2	NUT (M5X0.8 THD)						
	9	1	8T-8729	6	PIN-CONNECTOR						
	10	1	103-6262	2	SCREW-MACHINE (4-40X.63 IN)						
CY	11	1	214-4862	1	SENSOR GP-POSITION (STEERING/TMSN CONTROL HANDLE)						157
	12	1	110-2028	2	SCREW-PAN HEAD (10-14X.75 IN)						
	13	1	110-7882	1	SWITCH AS-LIMIT (PARKING BRAKE)						
					1						
			5S-4246	3	LOCKWASHER						
			6V-8818	3	SCREW-MACHINE (4-40 THD)						
	14	1	111-8642	1	COVER-FRONT						
	15	1	111-8950	1	ANGLE						
	16	1	112-4740	1	HANDLE						
	17	1	112-4757	1	COVER						
	18	1	128-2660	1	WIRE AS						
	19	1	131-0447	2	NUT						
	20	1	132-7419	1	SWITCH AS-PUSH BUTTON (ELECTRONIC-DOWNSHIFT)						
					1						
			144-0331	1	CAP-PUSHBUTTON						
	21	1	132-7450	1	SWITCH AS-PUSH BUTTON (ELECTRONIC-UPSHIFT)						
					1						
			144-0331	1	CAP-PUSHBUTTON						
	22	1	151-5803	1	SHAFT AS-DETENT						
	23	1	158-2734	2	SPRING						
	24	1	158-2735	1	BASE						
	25	1	6V-1232	2	SCREW-BUTTON HEAD (8-32X9.52MM)						
	26	1	9W-1464	2	SCREW (1/4-20 X 1 IN)						
	27	1	7X-0584	1	WASHER-HARD (13.5X20.5X2MM THK)						
	28	1	8T-4205	2	WASHER-HARD (7.2X14.5X2MM THK)						
	29	1	9X-8256	3	WASHER (6.6X12X2MM THK)						
BD	30	1	6V-2689		TUBE-HEAT SHRINK						
	31	1	8M-2771	1	CLIP						
	32	1	226-9423	2	SPRING						

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

STEERING AND BRAKING SYSTEM

112-4820 CONTROL GP-STEERING & TMSN (contd.)

i01874684



LEFT SIDE VIEW

RIGHT SIDE VIEW

GRAPHIC #1

<END>

g00930201

STEERING AND BRAKING SYSTEM

166-6082 CONTROL GP-STEERING & TMSN

S/N: CCK1-UP

PART OF 193-5673 CONTROL GP-STEERING & TMSN
ALSO AN ATTACHMENT

SMCS-4122

i01885457

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2L-6267	1	LOCKNUT						
	2	1	2N-3680	3	SCREW-HEAD						
	3	1	5L-2029	2	BALL BEARING						
	4	1	7V-0008	1	BLOCK						
	5	1	8E-3131	1	ROLLER-CAM						
	6	1	8E-8242	1	SPACER (71.4X88.9X11.5MM THK)						
Y	7	1	9T-8693	1	VALVE GP-PILOT						327
Y	8	1	107-3881	1	CONTROL GP-PARKING BRAKE						296
Y	9	1	112-4820	1	CONTROL GP-STEERING & TMSN (HANDLE)						298
M	10	1	9X-2045	6	SCREW-TRUSS HEAD (M6X1X20MM)						
	11	1	127-1598	1	GASKET						
	12	1	127-1599	1	GASKET						
	13	1	149-3137	1	LOCK AS						
	14	1	160-1436	1	HOUSING-BEARING						
	15	1	160-1437	1	HOUSING-BEARING						
	16	1	161-6041	1	HOUSING						
	17	1	193-0217	1	CONSOLE AS						
	18	1	193-0220	1	COVER AS						
	19	1	201-9624	1	HOUSING-MAIN						
	20	1	4M-5282	4	BOLT (1/4-20X1.50 IN)						
	21	1	5P-1075	2	WASHER-HARD (10.2X22.5X3MM THK)						
	22	1	6V-8801	2	NUT (3/8-16 THD)						
	23	1	7X-0290	2	BOLT (3/8-16X3.50 IN)						
	24	1	9X-2038	6	WASHER (7X19X2MM THK)						
	25	1	8T-2502	3	BOLT (3/8-16X1.125 IN)						
	26	1	8T-4896	7	WASHER-HARD (10.2X18.5X2.5MM THK)						
	27	1	8T-7008	2	BOLT (3/8-16X3 IN)						

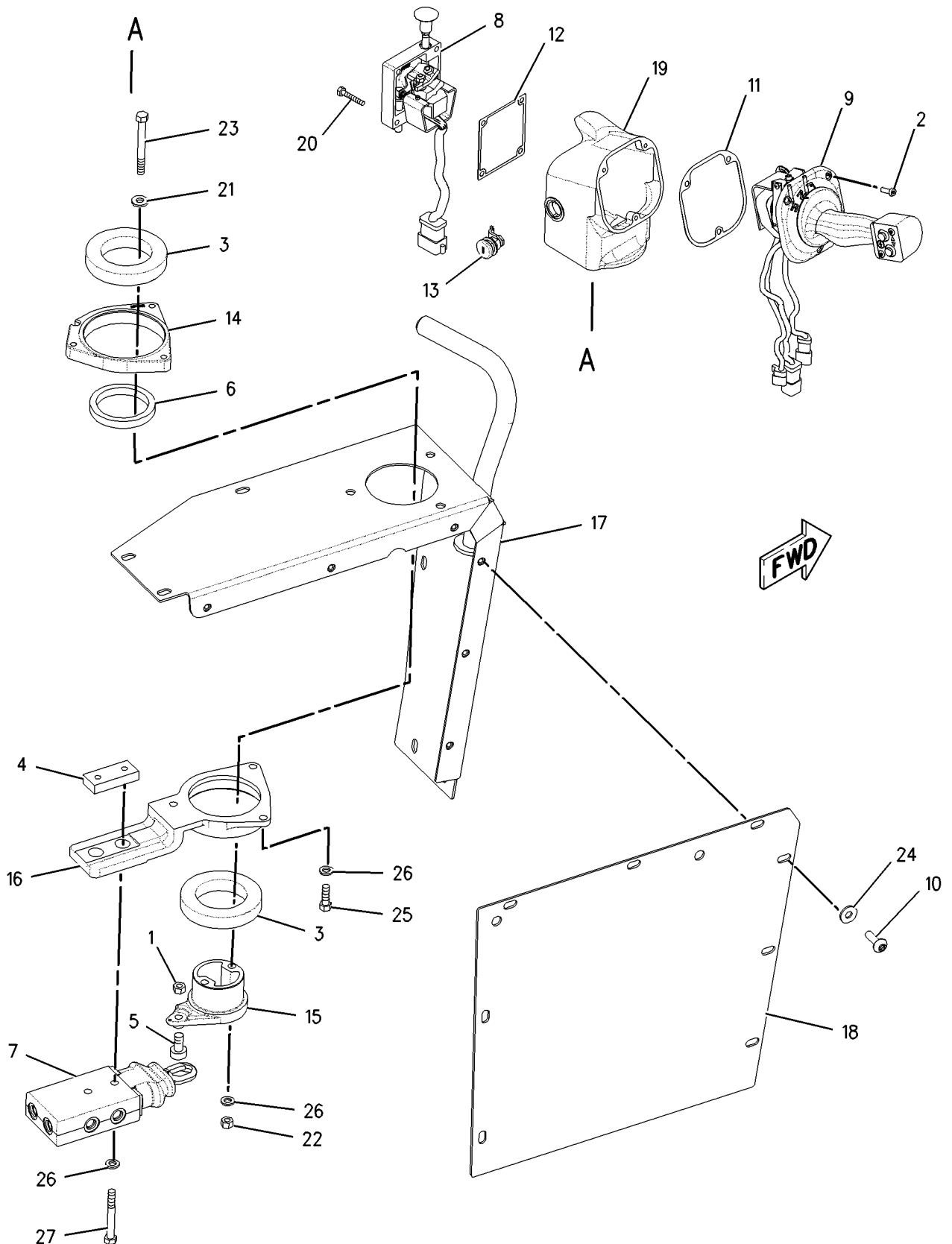
M-METRIC PART

Y-SEPARATE ILLUSTRATION

STEERING AND BRAKING SYSTEM

166-6082 CONTROL GP-STEERING & TMSN (contd.)

i01885457



GRAPHIC #1

<END>

g00914848

STEERING AND BRAKING SYSTEM

193-5673 CONTROL GP-STEERING & TMSN

S/N: CCK1-UP

PART OF 217-3819 CAB GP, 218-3064 PLATFORM GP
ALSO AN ATTACHMENT

SMCS-4122

i01835085

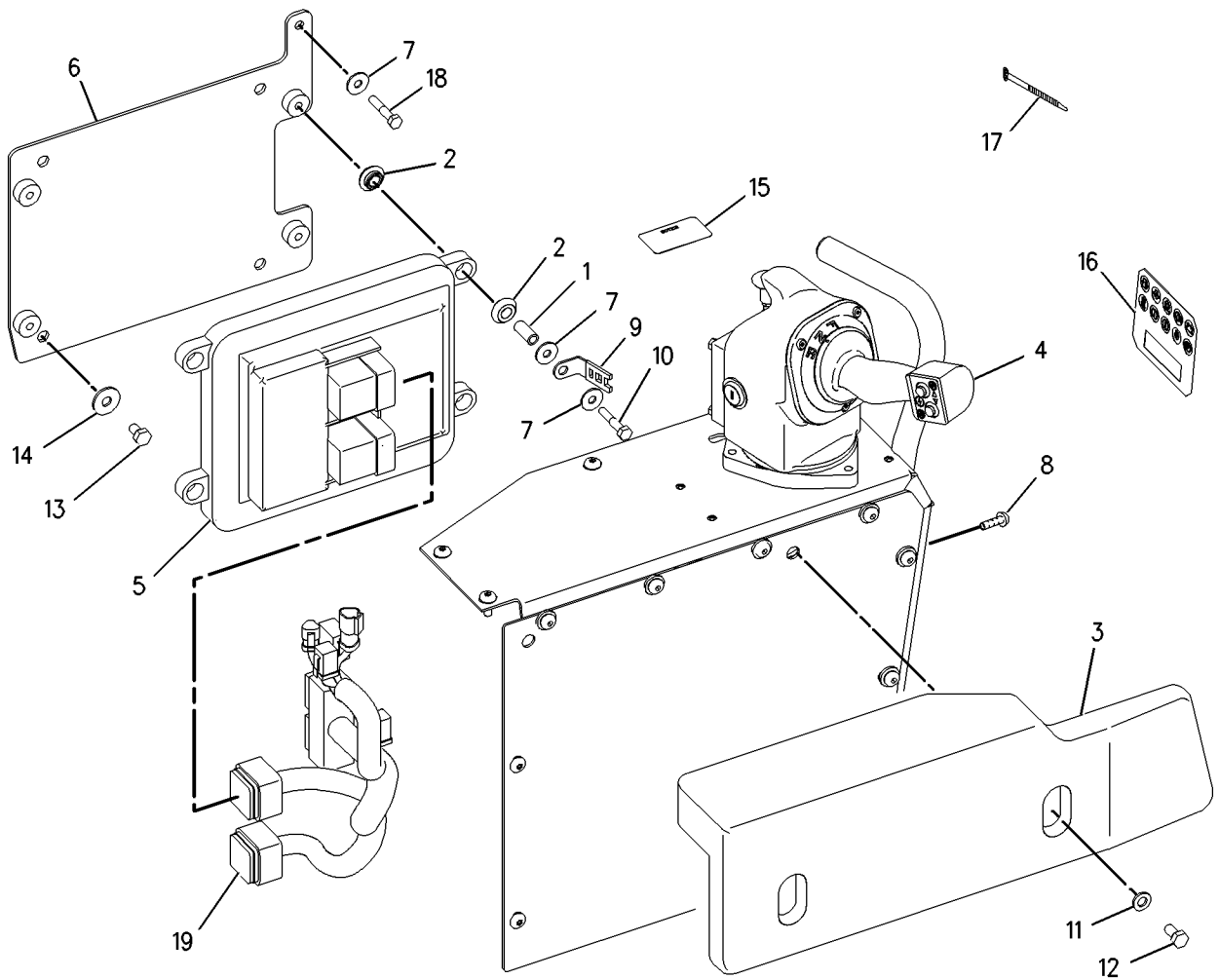
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-1418	4	SPACER (8.2X12.7X28.7MM THK)						
	2	1	8T-9655	8	MOUNT (ISOLATION)						
	3	1	126-3701	1	ARMREST AS						
Y	4	1	166-6082	1	CONTROL GP-STEERING & TMSN (HANDLE)						300
Y	5	1	172-9389	1	CONTROL GP-UNPROGRAMMED						132
	6	1	193-7839	1	PLATE AS						
M		1	6V-9632	1	NUT-WELD (M6X1 THD)						
	7	1	9N-0869	7	WASHER-HARD (8.8X25.5X2.0MM THK)						
M	8	1	9X-2045	8	SCREW-TRUSS HEAD (M6X1X20MM)						
	9	1	220-5946	3	CLIP						
M	10	1	7X-0818	4	BOLT (M8X1.25X45MM)						
	11	1	8T-4121	2	WASHER-HARD (11X21X2.5MM THK)						
M	12	1	8T-4137	2	BOLT (M10X1.5X20MM)						
M	13	1	8T-4191	4	BOLT (M10X1.5X16MM)						
	14	1	8T-4222	4	WASHER-PLATED (11X32X2.5MM THK)						
	15	1	142-2769	1	FILM-NOTICE (STEERING)						
	16	1	213-6874	1	FILM (DIFFERENTIAL STEERING)						
	17	1	7K-1181	5	STRAP-CABLE						
M	18	1	5C-9553	1	BOLT (M6X1X16MM)						
	19	1	197-5799	1	HARNESS AS (DRIVE TRAIN CONTROL)						
		1	102-8803	1	KIT-RECEPTACLE (3 PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
		1	110-6846	1	PLUG AS-CONNECTOR (40 PIN)						
		1	110-6844	1	SEAL						
		1	8T-8737	57	PLUG-SEAL						
		1	9X-4391	1	PLUG AS-CONNECTOR (70 PIN)						
		1	3E-4367	1	RING-RETAINING						
M		1	3E-8557	1	BOLT (M5X0.8X39.37MM)						
		1	9X-5615	2	SEAL (INTERFACE) (70 PIN)						
		1	110-6848	1	PLUG AS-CONNECTOR (40 PIN)						
		1	110-6844	1	SEAL						
		1	155-2255	1	KIT-CONNECTING PLUG (12 PIN)						
		1	155-2260	1	KIT-CONNECTING PLUG (3 PIN)						
		1	155-2274	2	KIT-CONNECTING PLUG (6 PIN) (EACH KIT INCLUDES PLUG AS & WEDGE)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

STEERING AND BRAKING SYSTEM

193-5673 CONTROL GP-STEERING & TMSN (contd.)

i01835085



GRAPHIC #1

<END>

g00939162

STEERING AND BRAKING SYSTEM

195-0652 FASTENER GP-STEERING/BRAKE CONTROL VALVE

S/N: CCK1-UP

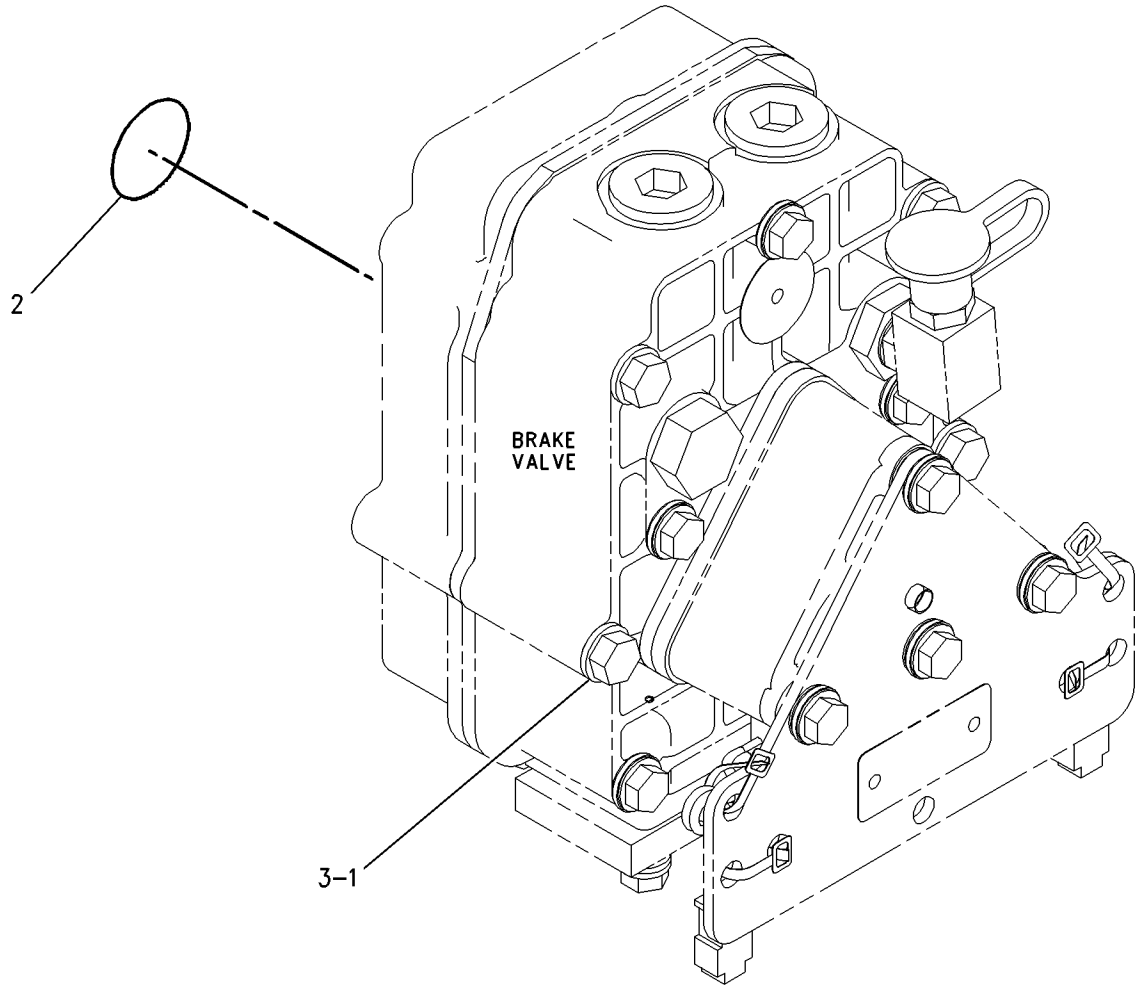
PART OF 195-0644 BRAKE GP-STEERING

SMCS-4307

i01833469

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	7X-2543	4	BOLT (M10X1.5X120MM)						
	2	1	8M-5254	4	SEAL-O-RING						
	3	1	8T-4121	4	WASHER-HARD (11X21X2.5MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g00776307

STEERING AND BRAKING SYSTEM

110-4664 FILTER GP-OIL-STEERING

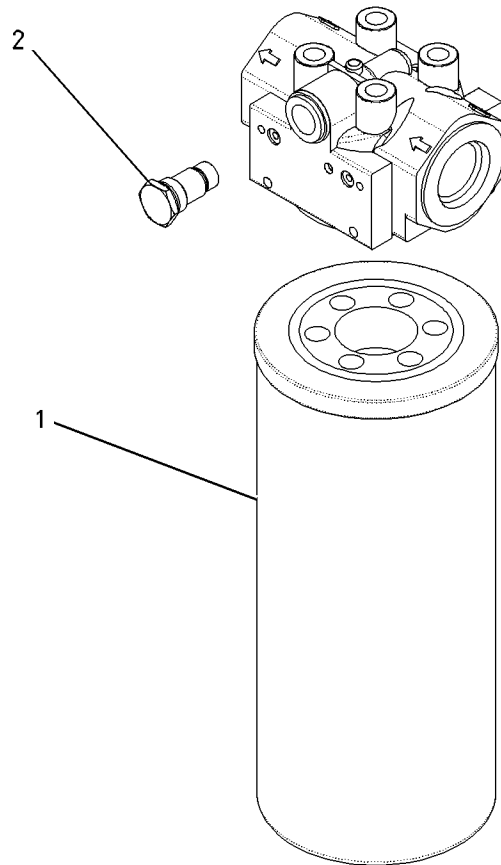
S/N: CCK1-UP

PART OF 191-9532 LINES GP-STEERING

SMCS-5068

i01834288

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1G-8878	1	FILTER AS-OIL (HYDRAULIC)						
	2	1	164-6709	1	PLUG AS						
		1	3J-1907	1	SEAL-O-RING						
		1	5F-9144	1	SEAL-O-RING						



GRAPHIC #1

<END>

g00667189

STEERING AND BRAKING SYSTEM

202-2329 HEAD GP - PUMP-STEERING

S/N: CCK1-UP

PART OF 222-1214 PUMP GP-PISTON

SMCS-5070

i01898328

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	202-2340	1	HEAD						
	2	1	1G-7407	2	VALVE GP-RELIEF (PUMP HEAD)						
					(EACH INCLUDES)						
		1	123-7556	1	CAP						
		1	145-0905	1	KIT-SEAL (PUMP HEAD RELIEF VALVE)						
Y	3	1	201-9105	1	VALVE GP-PRESS & FLOW CMPNSTR						329
	4	1	087-4772	3	PLUG						
	5	1	120-4394	2	PLUG-BREAK OFF						
	6	1	123-7560	1	BEARING-BUSHING						
	7	1	123-7559	1	BUSHING						
	8	1	6V-8398	2	SEAL-O-RING						
M	9	1	123-2017	1	PLUG						
	10	1	9S-8002	2	PLUG						
	11	1	3J-7354	2	SEAL-O-RING						
M	12	1	3E-8008	4	BOLT-SOCKET HEAD (M16X2X90MM)						
	13	1	6V-8397	2	SEAL-O-RING						
M	14	1	9T-3928	1	PLUG AS						
		1	187-8001	1	SEAL						
Y	15	1	6E-4402	1	VALVE GP-RELIEF						330
	16	1	126-1477	1	BUSHING-COUPLING						
	17	1	6S-3002	1	SEAL-O-RING						

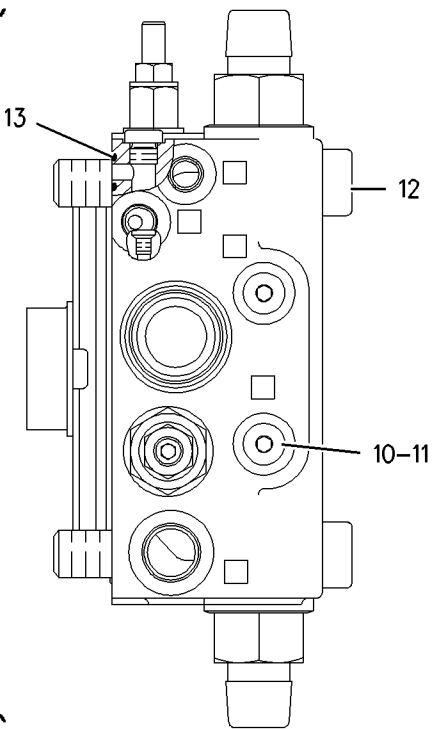
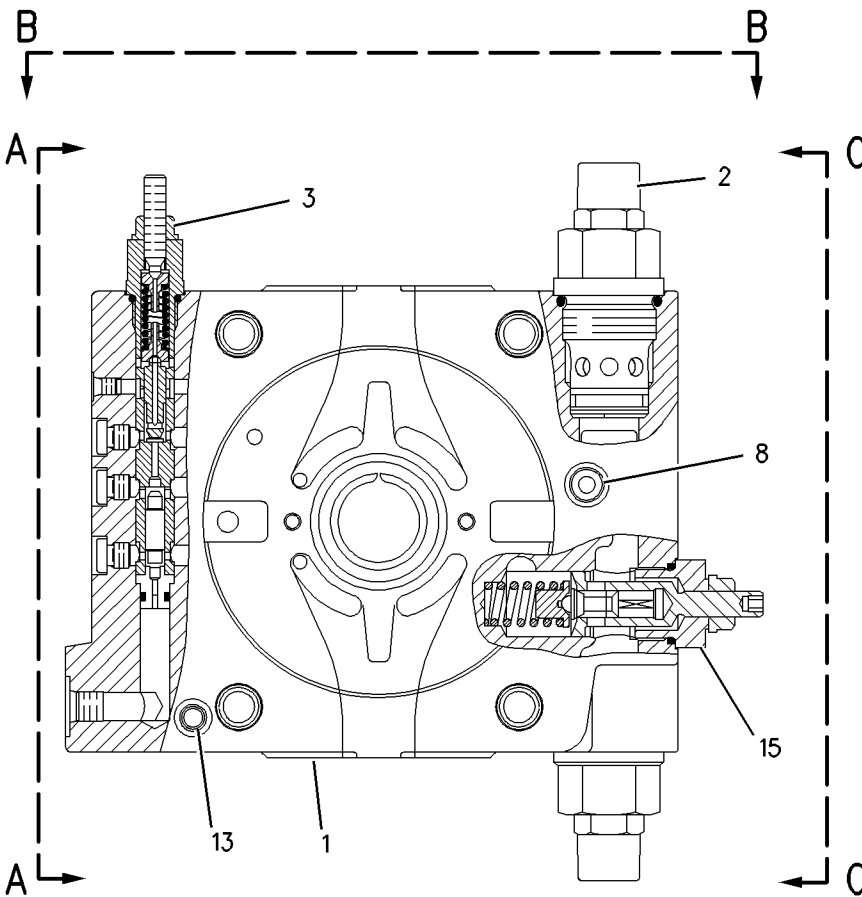
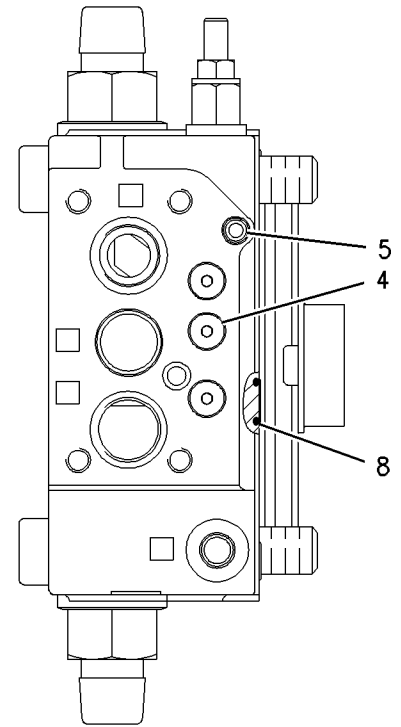
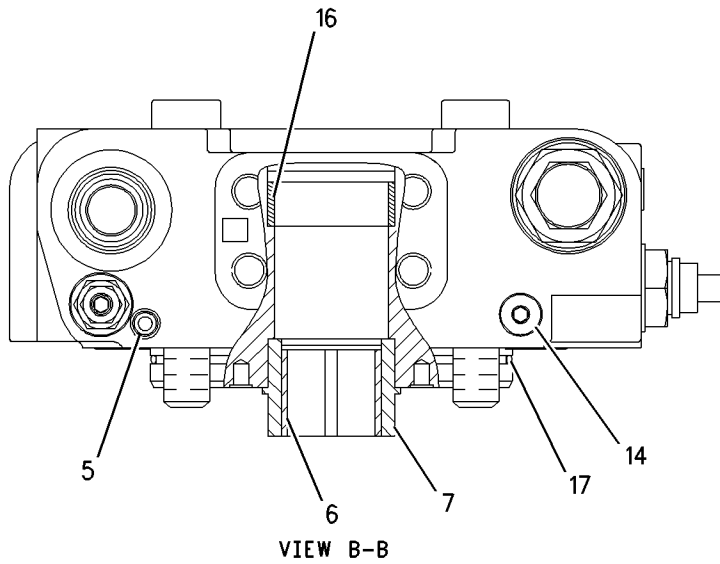
M-METRIC PART

Y-SEPARATE ILLUSTRATION

STEERING AND BRAKING SYSTEM

202 - 2329 HEAD GP - PUMP (contd.)

i01898328



GRAPHIC #1

<END>

g00778828

STEERING AND BRAKING SYSTEM

191-9532 LINES GP-STEERING

S/N: CCK1-UP

PART OF 189-4623 HYDRAULIC AR

SMCS-4104, 4133, 4304

i01833841

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	1 2 3 4 5 6 (PRODUCT LEVEL)						SEE PAGE
	1	1	6V-0852	3	CAP-DUST (STEERING VALVES)							
	2	1	6W-2928	1	BOSS							
	3	1	9X-6578	1	NUT							
	4	1	106-8715	1	ELBOW GP							
		1	8C-8400	1	ELBOW							
		1	3D-2824	1	SEAL-O-RING							
		1	6V-9746	1	SEAL-O-RING							
Y	5	1	126-0747	1	VALVE GP-BYPASS (STEERING LINES)							323
	6	1	148-8430	1	TEE AS							
		1	6V-9746	1	SEAL-O-RING							
		1	7X-0873	1	TEE							
	7	1	165-4932	1	TEE GP							
		1	2S-4078	1	SEAL-O-RING							
		1	6V-8400	2	SEAL-O-RING							
		1	6V-8786	1	TEE							
	8	1	195-1808	1	ADAPTER							
I	9	1	195-3649	1	HOSE AS							
I	10	1	195-3650	1	HOSE AS							
I	11	1	196-9827	1	HOSE AS							
I	12	1	196-9829	1	HOSE AS							
I	13	1	196-9836	1	HOSE AS							
I	14	1	196-9837	1	HOSE AS							
Y	15	1	198-9219	1	VALVE GP-RELIEF (STEERING LINES)							331
I	16	1	198-9545	1	TUBE AS							
	17	1	200-8155	1	BRACKET AS							
M		1	6V-9632	2	NUT-WELD (M6X1 THD)							
M		1	8T-3490	3	NUT-WELD (M10X1.5 THD)							
I	18	1	201-5001	1	HOSE AS							
I	19	1	201-5002	1	HOSE AS							
	20	1	209-0594	1	COVER							
	21	1	209-4912	1	BRACKET AS							
Y	22	1	110-4664	1	FILTER GP-OIL (STEERING)							305
	23	1	148-8339	2	CONNECTOR AS							
					(EACH INCLUDES)							
		1	6V-8716	1	CONNECTOR							
		1	6V-9746	1	SEAL-O-RING							
		1	7M-8485	1	SEAL-O-RING							
	24	1	148-8347	2	ELBOW GP							
					(EACH INCLUDES)							
		1	6V-9007	1	ELBOW							
		1	3D-2824	1	SEAL-O-RING							
		1	6V-9746	1	SEAL-O-RING							
	25	1	148-8359	1	ELBOW GP							
		1	3K-0360	1	SEAL-O-RING							
		1	6V-9877	1	ELBOW							
		1	6V-9746	1	SEAL-O-RING							
	26	1	148-8360	3	ELBOW AS							
					(EACH INCLUDES)							
		1	6V-9182	1	ELBOW							
		1	6V-9746	1	SEAL-O-RING							
		1	7M-8485	1	SEAL-O-RING							
	27	1	148-8392	1	ELBOW GP							
		1	6V-9853	1	ELBOW-SWIVEL							
		1	6V-9746	1	SEAL-O-RING							
	28	1	148-8449	1	TEE GP-SWIVEL							
		1	6V-9839	1	TEE-SWIVEL							

STEERING AND BRAKING SYSTEM

191-9532 LINES GP-STEERING (contd.)

i01833841

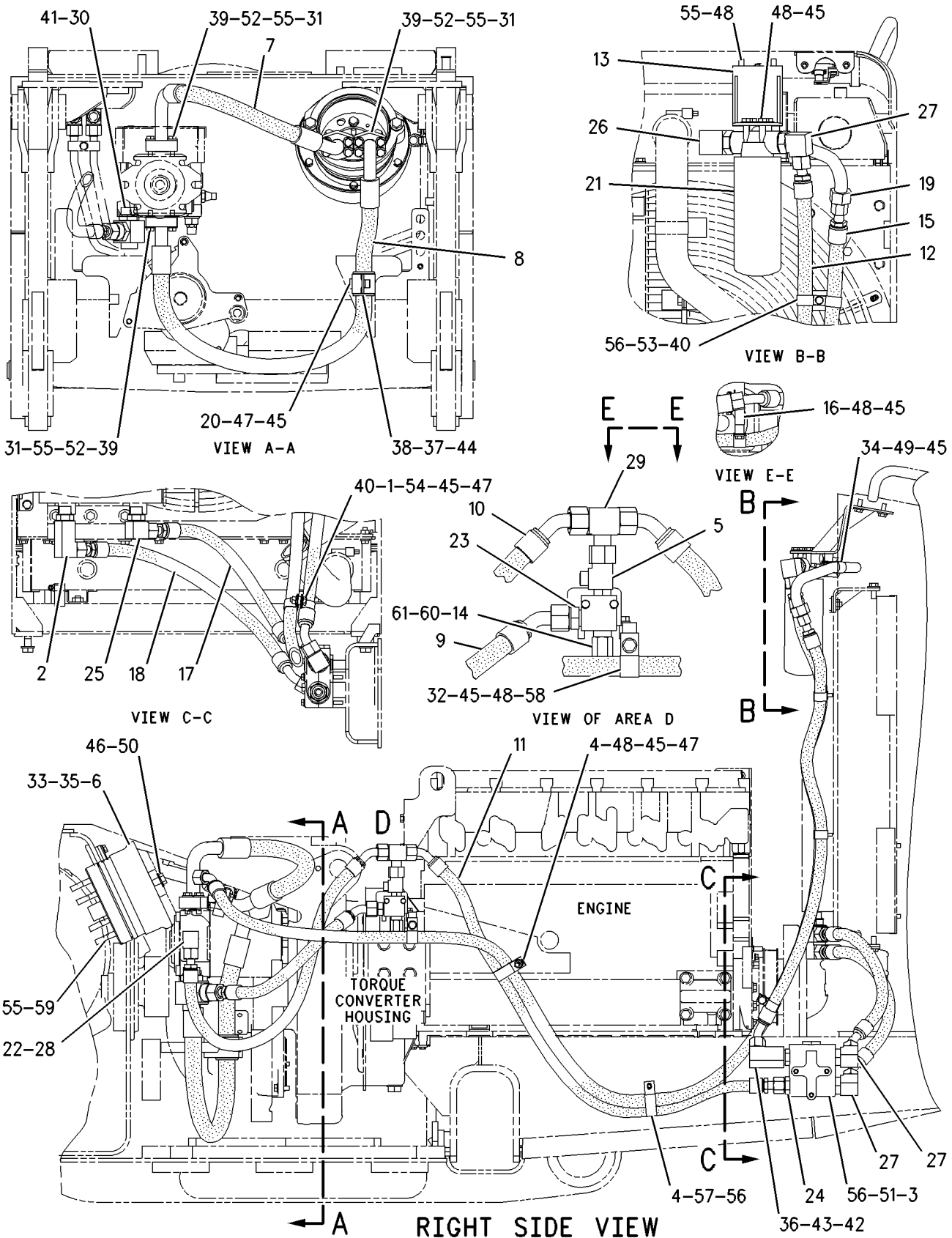
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	6V-9746	2	SEAL-O-RING						
	29	1	150-4047	2	ADAPTER GP						
					(EACH INCLUDES)						
		1	3J-7354	1	SEAL-O-RING						
		1	8T-2353	1	ADAPTER-STRAIGHT THREAD						
	30	1	164-4058	1	REDUCER GP						
		1	5K-9090	1	SEAL-O-RING						
		1	6V-8948	1	REDUCER AS						
	31	1	164-5561	1	ADAPTER AS						
		1	2M-9780	1	SEAL-O-RING						
		1	5P-1042	1	ADAPTER-O-RING						
	32	1	164-5567	3	FITTING GP						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-3965	1	FITTING AS						
	33	1	164-5551	1	TEE GP						
		1	4I-7651	1	TEE-O-RING PORT						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8398	1	SEAL-O-RING						
		1	6V-9746	1	SEAL-O-RING						
	34	1	171-6723	1	ELBOW AS						
		1	6V-9746	1	SEAL-O-RING						
		1	8T-8899	1	ELBOW						
	35	1	185-0002	1	REDUCER AS						
		1	6V-9746	1	SEAL-O-RING						
		1	6V-8947	1	REDUCER						
	36	1	1P-3703	4	SEAL-RECTANGULAR						
	37	1	2K-2939	1	SEAL-O-RING						
	38	1	3N-0759	1	RING-SEALING						
	39	1	5P-0718	4	HOSE						
	40	1	5F-3106	1	SEAL-O-RING						
	41	1	5I-4198	1	ELBOW						
	42	1	5S-7379	4	BOLT (3/8-16X0.875 IN)						
	43	1	6V-0400	8	FLANGE-HALF						
	44	1	6V-1889	8	CLIP						
	45	1	6V-9746	1	SEAL-O-RING						
	46	1	7C-4354	1	CLIP						
	47	1	7M-8485	1	SEAL-O-RING						
M	48	1	7X-2563	2	BOLT (M20X2.5X60MM)						
	49	1	8T-4121	17	WASHER-HARD (11X21X2.5MM THK)						
	50	1	8T-4123	2	WASHER-PLATED (22X35X3.5MM THK)						
M	51	1	8T-4133	3	NUT (M10X1.5 THD)						
M	52	1	8T-4136	3	BOLT (M10X1.5X25MM)						
M	53	1	8T-4137	4	BOLT (M10X1.5X20MM)						
M	54	1	8T-4177	3	BOLT (M8X1.25X90MM)						
M	55	1	8T-4184	16	BOLT (M12X1.75X45MM)						
M	56	1	8T-4186	2	BOLT (M10X1.5X40MM)						
M	57	1	8T-4189	2	BOLT (M8X1.25X20MM)						
M	58	1	8T-4195	1	BOLT (M10X1.5X30MM)						
M	59	1	8T-4200	2	BOLT (M8X1.25X16MM)						
	60	1	8T-4223	26	WASHER-HARD (13.5X25.5X3MM THK)						
	61	1	8T-4224	7	WASHER-HARD (8.8X16X2MM THK)						
M	62	1	8T-4956	4	BOLT (M12X1.75X35MM)						
	63	1	8T-9389	6	BOLT (1/2-13X2.75 IN)						
M	64	1	9X-2480	2	BOLT (M6X1.0X45MM)						
	65	1	9X-8256	2	WASHER (6.6X12X2MM THK)						

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

STEERING AND BRAKING SYSTEM

191-9532 LINES GP-STEERING (contd.)

i01833841



GRAPHIC #1

<END>

g00781172

STEERING AND BRAKING SYSTEM

162-5357 MANIFOLD & VALVE GP-STEERING/BRAKE

S/N: CCK1-UP

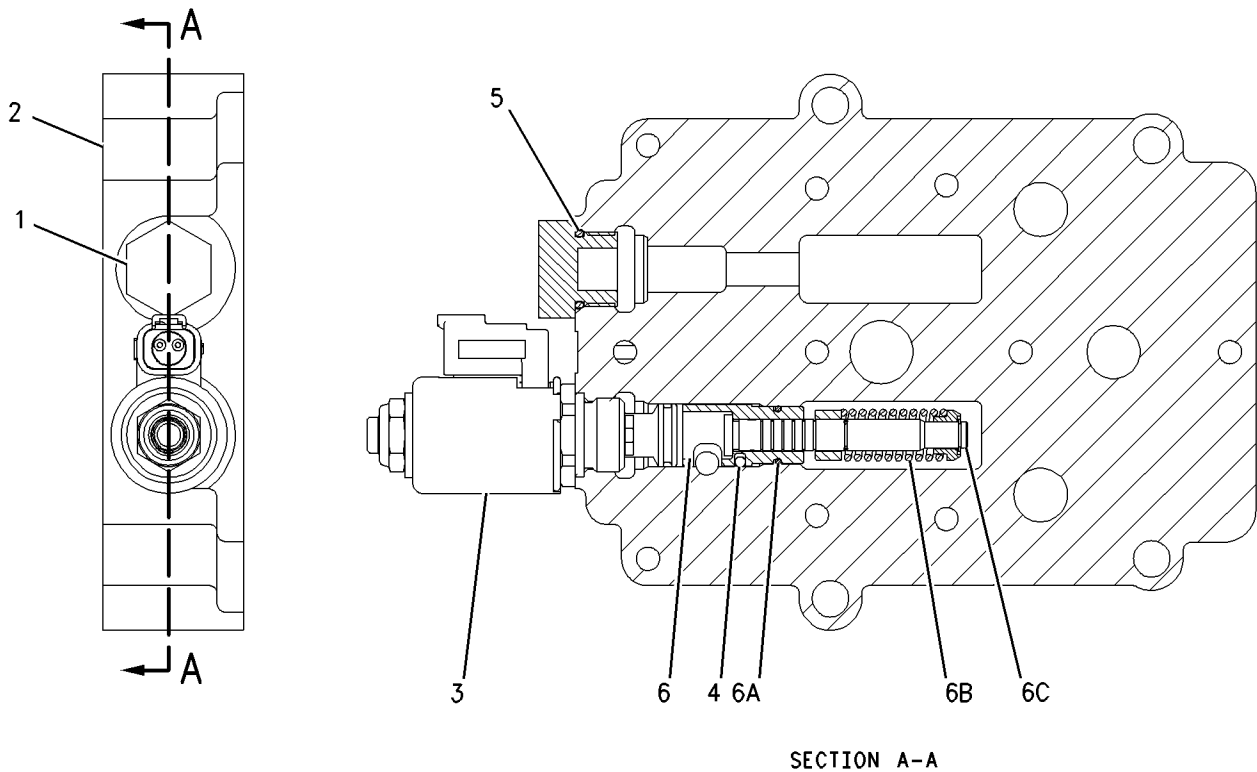
PART OF 201-7274 VALVE GP-CONTROL

SMCS-4265, 4282

i01883330

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9S-4190	1	PLUG						
	2	1	162-5358	1	MANIFOLD						
Y	3	1	174-4909	1	VALVE GP-SOLENOID						338
	4	1	1P-1744	1	DOWEL						
	5	1	2M-9780	1	SEAL-O-RING						
	6	1	137-8794	1	SPOOL AS						
	6A	1	5L-4758	1	SEAL-O-RING						
	6B	1	137-8793	1	SPRING						
	6C	1	3D-7943	1	RING-RETAINING						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00800452

STEERING AND BRAKING SYSTEM

175-4972 MANIFOLD & VALVE GP-STEERING/BRAKE

S/N: CCK1-UP

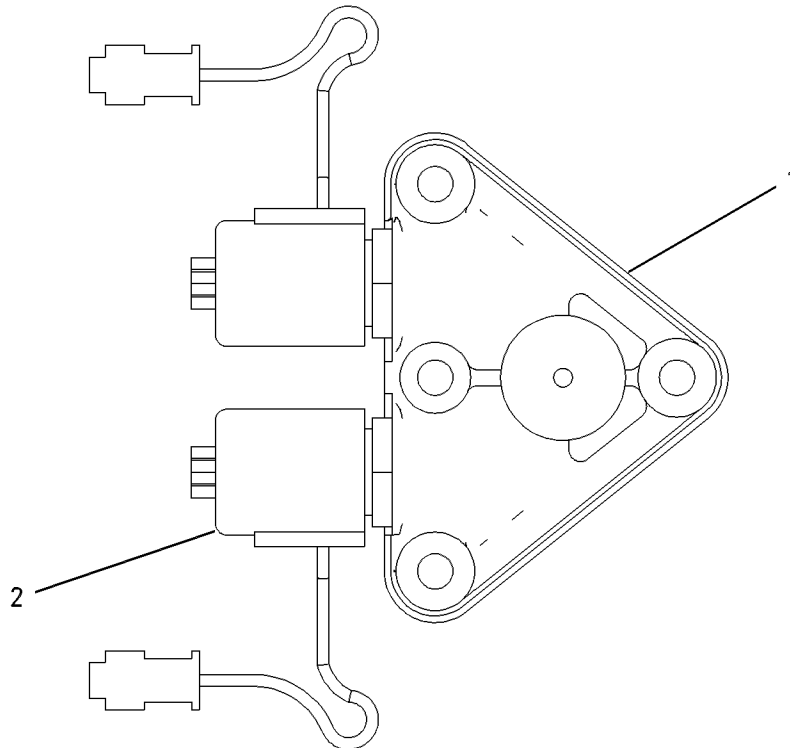
PART OF 201-7274 VALVE GP-CONTROL

SMCS-4265, 4282

i01883339

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	132-9455	1	MANIFOLD						
Y	2	1	172-2392	2	VALVE GP-SOLENOID						337

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00653425

STEERING AND BRAKING SYSTEM

191-9536 MOTOR GP - PISTON-DIFFERENTIAL STEERING

S/N: CCK1-UP

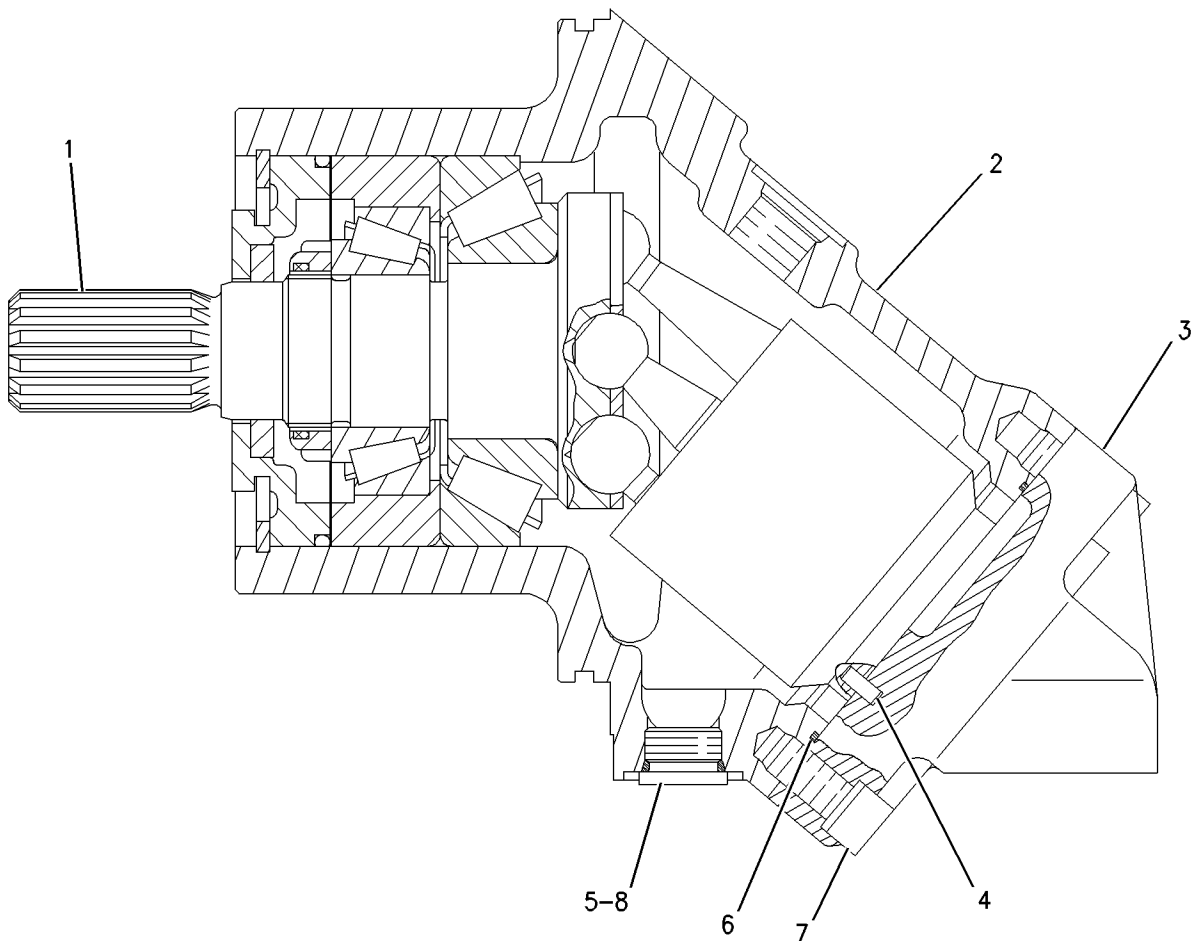
PART OF 189-4623 HYDRAULIC AR

SMCS-5058

i01834294

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	202-0968	1	ROTATING GP-MOTOR						319
	2	1	123-3294	1	HOUSING						
	3	1	137-5524	1	HEAD						
	4	1	1G-3174	1	PIN						
	5	1	2M-9780	1	SEAL-O-RING						
	6	1	6R-0365	1	SEAL-O-RING						
M	7	1	8T-3957	6	BOLT-HEX SOCKET (M12X1.75X30MM)						
	8	1	9S-8006	1	PLUG						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00778947

STEERING AND BRAKING SYSTEM

199-4801 PEDAL GP-GOVERNOR & BRAKE

S/N: CCK1-UP

PART OF 217-3819 CAB GP, 218-3064 PLATFORM GP
ALSO AN ATTACHMENT

SMCS-4122

i01898333

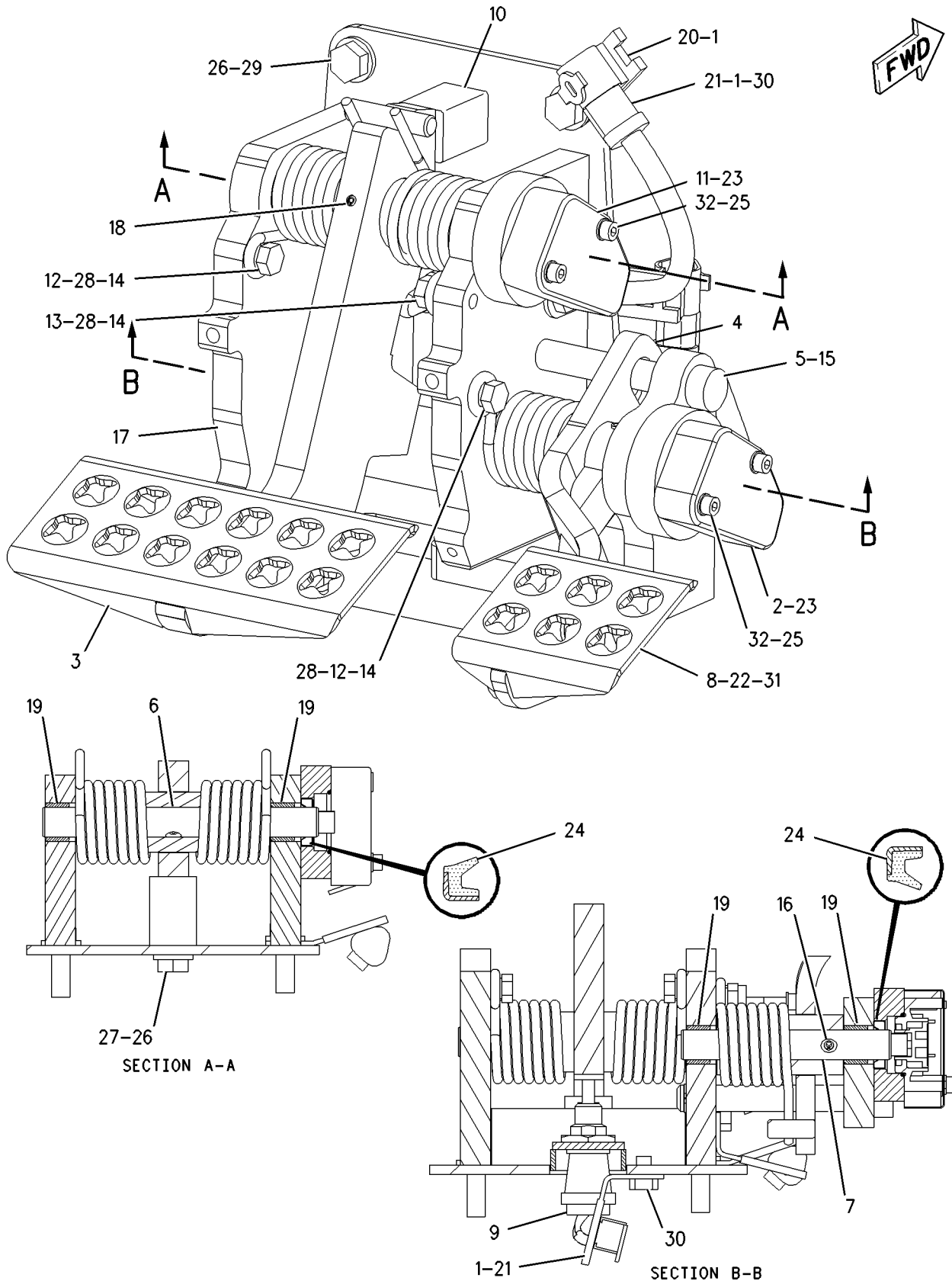
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7K-1181	3	STRAP-CABLE						
Y	2	1	160-2443	1	SENSOR GP-POSITION (ROTARY) (DECELERATOR PEDAL)						156
	3	1	199-3616	1	PEDAL AS-BRAKE (SERVICE)						
	4	1	199-4159	1	ARM AS						
	5	1	199-4787	1	PIN						
	6	1	199-4789	1	SHAFT						
	7	1	199-4790	1	SHAFT						
	8	1	200-8575	1	PEDAL AS (DECELERATOR)						
	9	1	206-1487	1	SWITCH AS-ROLLER (BRAKE ON/OFF)						
		1	2H-3922	1	LOCKWASHER						
		1	6V-8370	1	NUT-HEX (3/4-32 THD)						
		1	186-3735	2	PIN-CONNECTOR						
		1	9X-0199	1	BOOT-SWITCH						
		1	102-8802	1	KIT-RECEPTACLE (2 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	10	1	214-1606	1	BOSS						
Y	11	1	214-4863	1	SENSOR GP-POSITION (ROTARY) (SERVICE BRAKE PEDAL)						158
	12	1	214-5012	2	SPRING						
	13	1	214-5013	1	SPRING						
	14	1	214-7536	3	SPACER						
	15	1	095-0916	1	RING-RETAINING						
	16	1	138-1645	1	PIN-SPRING						
	17	1	225-2860	1	SUPPORT AS						
	18	1	2K-9183	1	PIN-SPRING						
	19	1	3K-6662	4	BEARING						
	20	1	4P-7581	1	CLIP						
	21	1	4P-8134	2	CLIP						
	22	1	5P-4116	2	WASHER-HARD (8.8X20.5X2MM THK)						
	23	1	6V-0894	2	SEAL-O-RING						
	24	1	6V-4447	2	SEAL-LIP						
	25	1	8T-0328	4	WASHER-HARD (5.5X10X1MM THK)						
	26	1	8T-4121	5	WASHER-HARD (11X21X2.5MM THK)						
M	27	1	8T-4136	1	BOLT (M10X1.5X25MM)						
M	28	1	8T-4189	3	BOLT (M8X1.25X20MM)						
M	29	1	8T-4195	4	BOLT (M10X1.5X30MM)						
M	30	1	8T-4199	2	BOLT (M8X1.25X12MM)						
M	31	1	8T-4908	2	BOLT (M8X1.25X25MM)						
M	32	1	8T-6699	4	BOLT-SOCKET HEAD (M5X.8X35MM)						

M - METRIC PART
Y - SEPARATE ILLUSTRATION

STEERING AND BRAKING SYSTEM

199-4801 PEDAL GP-GOVERNOR & BRAKE (contd.)

i01898333



GRAPHIC #1

<END>

g00938636

STEERING AND BRAKING SYSTEM

145-1077 PUMP GP-CHARGE-STEERING

S/N: CCK1-UP

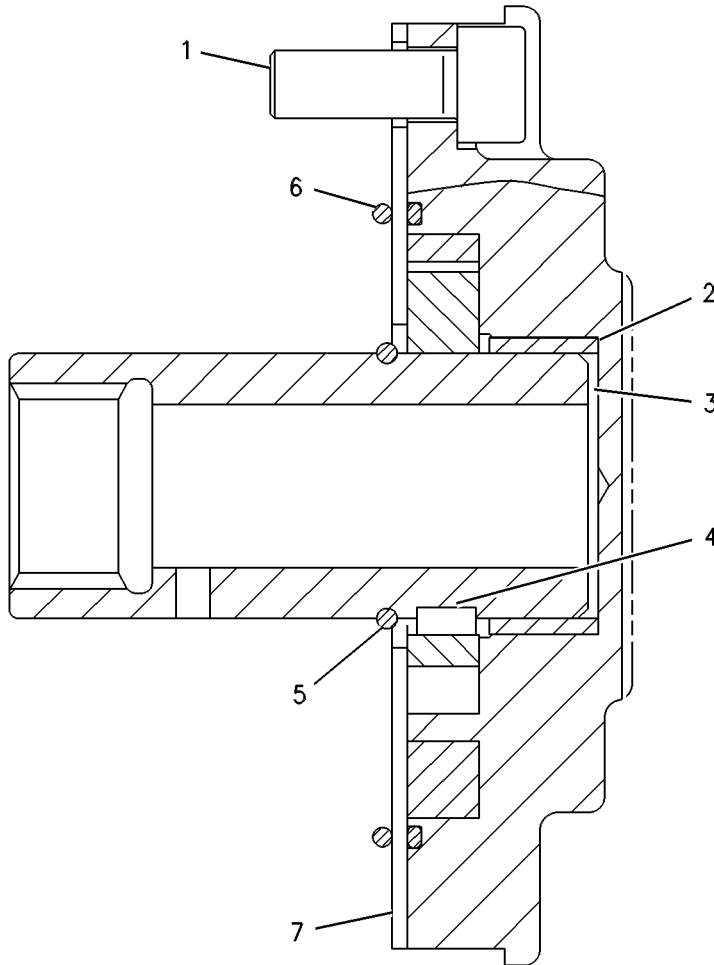
PART OF 222-1214 PUMP GP-PISTON

SMCS-3204

i01834400

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	8T-1159	4	BOLT-SOCKET HEAD (M10X1.5X25MM)						
	2	1	126-1477	1	BUSHING-COUPLING						
	3	1	145-1833	1	SHAFT						
	4	1	117-7296	1	SPRING						
	5	1	145-0909	1	RING						
	6	1	6V-2483	2	SEAL-O-RING						
	7	1	145-0911	1	PLATE-WEAR						

M-METRIC PART



GRAPHIC #1

<END>

g00278924

STEERING AND BRAKING SYSTEM

222-1214 PUMP GP-PISTON-STEERING

S/N: CCK1-UP

PART OF 189-4623 HYDRAULIC AR

SMCS-5070

i01834368

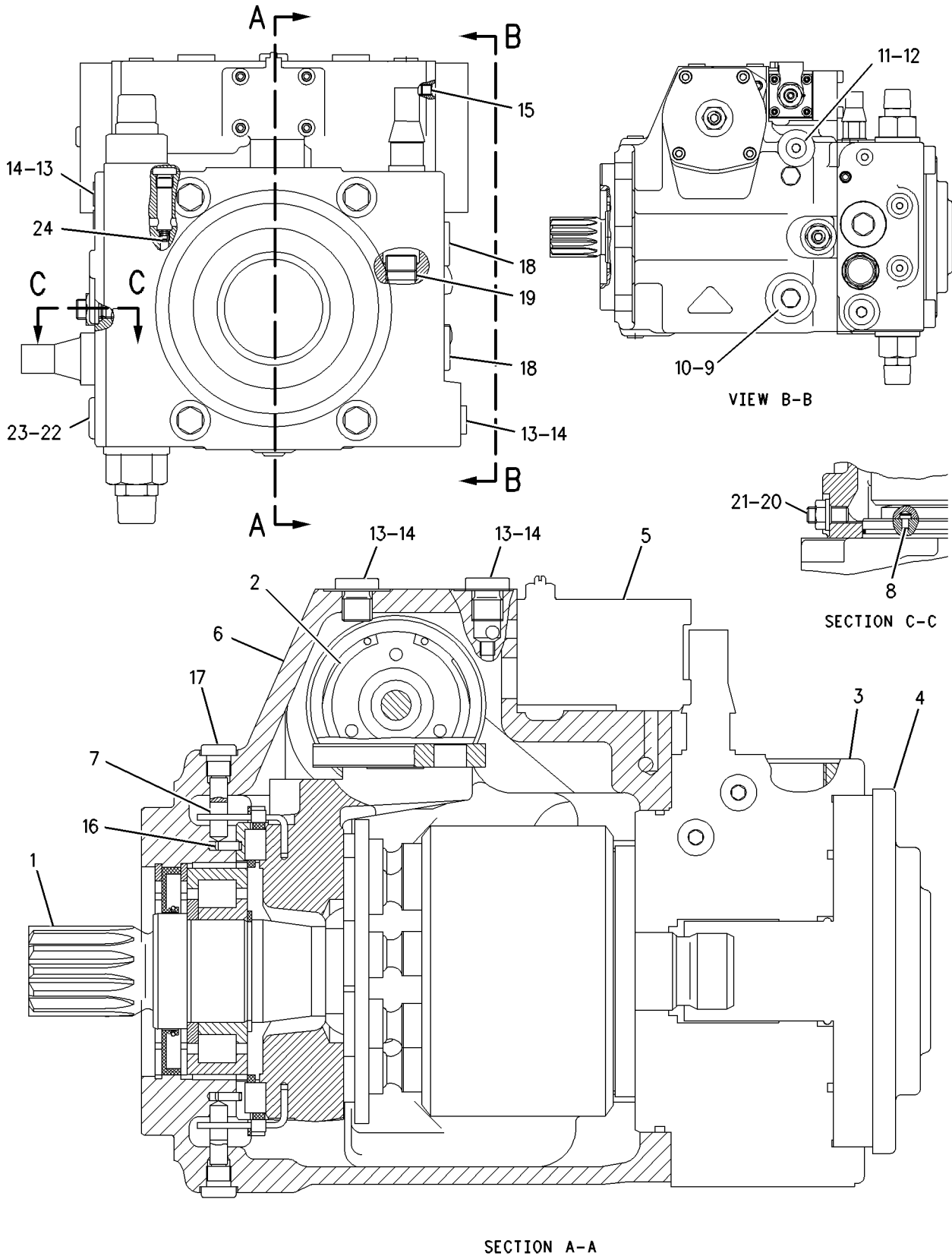
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	196-4232	1	ROTATING GP-PUMP						321
Y	2	1	227-5862	1	VALVE GP-SERVO (PILOT PRESSURE CONTROL MODULE)						335
Y	3	1	202-2329	1	HEAD GP-PUMP						306
Y	4	1	145-1077	1	PUMP GP-CHARGE						316
Y	5	1	202-2333	1	VALVE GP-SERVO (HYDRAULIC PILOT PRESSURE)						333
	6	1	196-8683	1	HOUSING						
	7	1	126-1638	2	PIN-JOINT						
	8	1	6E-4350	1	PIN						
	9	1	9S-8008	1	PLUG						
	10	1	3D-2824	1	SEAL-O-RING						
	11	1	9S-8004	1	PLUG						
	12	1	3J-1907	1	SEAL-O-RING						
	13	1	9S-8002	4	PLUG						
	14	1	3J-7354	4	SEAL-O-RING						
	15	1	120-4394	1	PLUG-BREAK OFF						
	16	1	167-6805	2	PIN						
M	17	1	9T-3928	2	PLUG AS						
					(EACH INCLUDES)						
		1	187-8001	1	SEAL						
	18	1	081-3801	2	PLUG						
					(EACH INCLUDES)						
		1	126-9092	1	SEAL						
	19	1	126-1661	1	PLUG						
	20	1	123-7582	1	PIN-THREADED						
M	21	1	6E-4385	1	LOCKNUT						
	22	1	9S-8005	1	PLUG						
	23	1	3K-0360	1	SEAL-O-RING						
	24	1	123-7583	1	ORIFICE						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

STEERING AND BRAKING SYSTEM

222-1214 PUMP GP-PISTON (contd.)

i01834368



GRAPHIC #1

<END>

g00937928

STEERING AND BRAKING SYSTEM

202-0968 ROTATING GP - MOTOR-DIFFERENTIAL STEERING

S/N: CCK1-UP

PART OF 191-9536 MOTOR GP-PISTON

SMCS-5058

i01834296

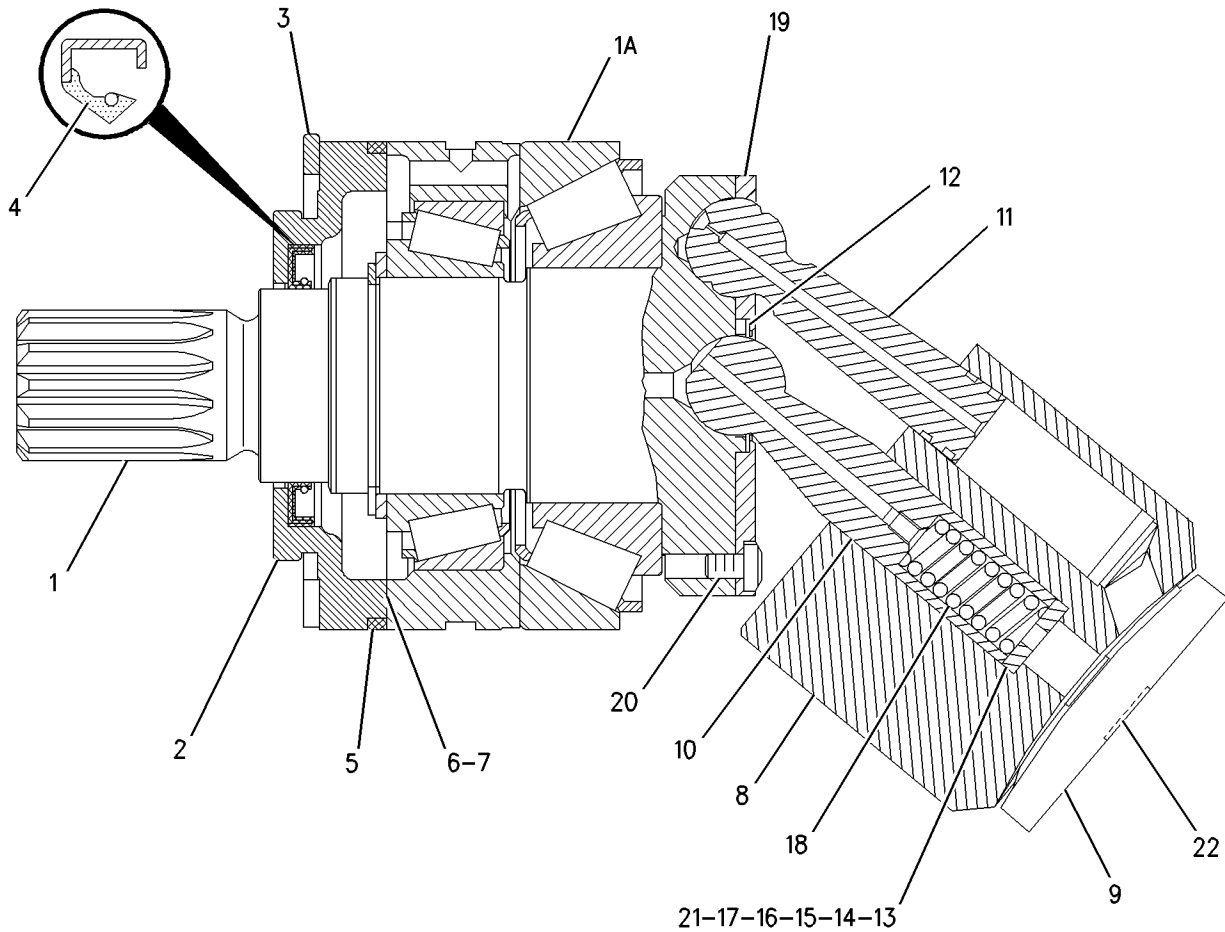
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	180-1415	1	SHAFT AS						
		1	180-1413	1	SHAFT						
	1A	1	171-5990	1	KIT-BEARING (PISTON MOTOR ROTATING GP)						
	2	1	9T-2560	1	COVER						
	3	1	9T-2584	1	RING-RETAINING						
	4	1	133-8739	1	SEAL						
	5	1	2H-3928	1	SEAL-O-RING						
B	6	1	9T-2581	2	SHIM (0.1MM THK)						
B	7	1	9T-2582	1	SHIM (0.3MM THK)						
	8	1	111-8287	1	BARREL						
Y	9	1	111-7346	1	VALVE GP-FLUSHING						326
	10	1	166-7409	1	PIN-CENTER						
	11	1	165-6968	7	PISTON AS						
					(EACH INCLUDES)						
		1	6E-6350	2	RING						
	12	1	9T-2559	1	DISC-RETAINING						
B	13	1	141-0250	1	SHIM (3.80MM THK)						
B	14	1	141-0252	1	SHIM (4.00MM THK)						
B	15	1	141-0249	1	SHIM (3.70MM THK)						
B	16	1	141-0248	1	SHIM (3.60MM THK)						
B	17	1	141-0247	1	SHIM (3.50MM THK)						
	18	1	166-7410	1	SPRING						
	19	1	123-3299	1	PLATE-RETAINING						
M	20	1	113-4417	7	SCREW						
B	21	1	141-0251	1	SHIM (3.90MM THK)						
	22	1	202-0972	1	WASHER						

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

STEERING AND BRAKING SYSTEM

202-0968 ROTATING GP-MOTOR (contd.)

i01834296



GRAPHIC #1

<END>

g00773314

STEERING AND BRAKING SYSTEM

196-4232 ROTATING GP-PUMP-STEERING

S/N: CCK1-UP

PART OF 222-1214 PUMP GP-PISTON

SMCS-5070

i01834512

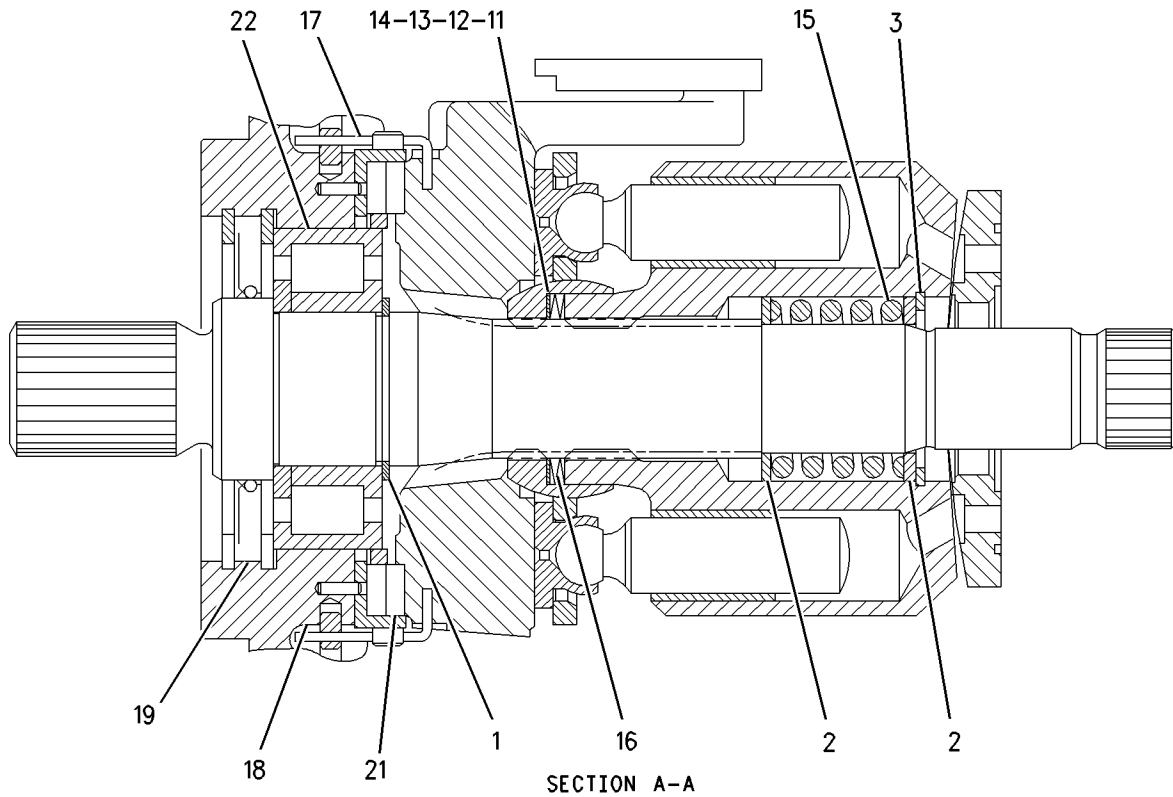
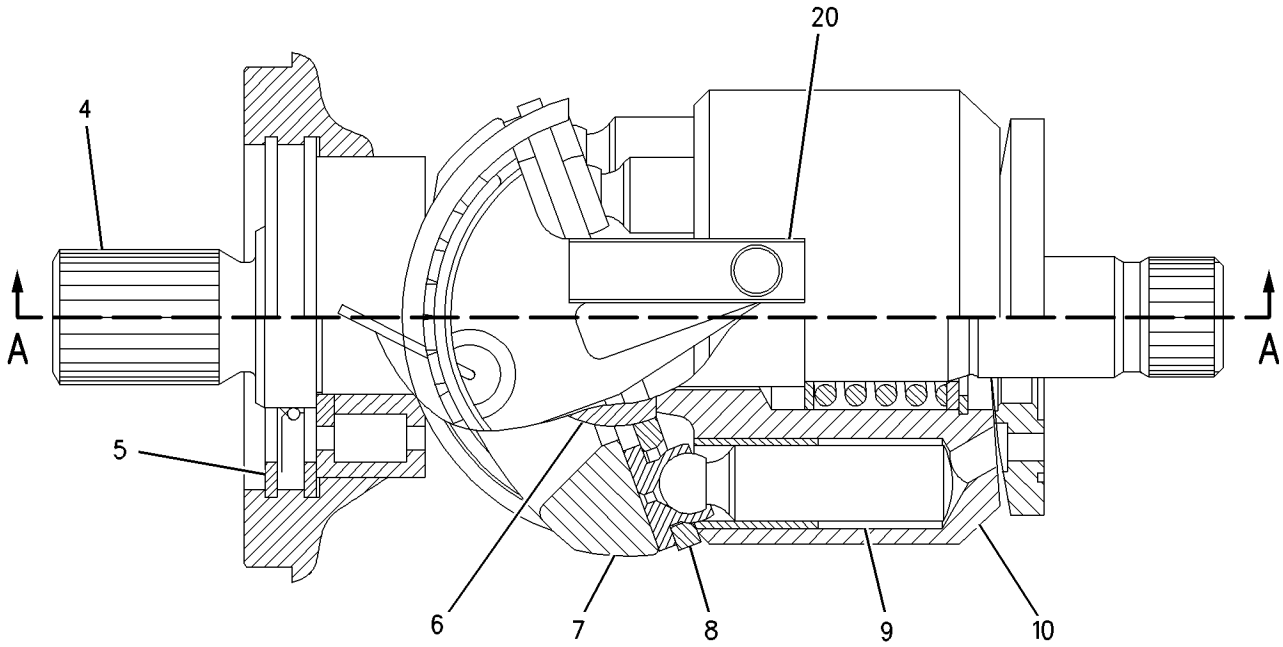
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6V-5201	1	RING-RETAINING (36.5X1.75MM) (EXTERNAL)						
	2	1	142-9437	2	WASHER						
	3	1	9X-2857	1	RING-RETAINING (INTERNAL)						
	4	1	142-9429	1	SHAFT						
	5	1	159-9854	2	RING-RETAINING						
	6	1	142-9435	1	BALL-RETAINER						
	7	1	142-9427	1	SWASHPLATE						
	8	1	142-9434	1	PLATE-RETAINER						
	9	1	142-9425	9	PISTON AS						
	10	1	196-4238	1	BARREL AS						
B	11	1	142-9430	1	SHIM (1.2MM THK)						
B	12	1	142-9431	1	SHIM (1.0MM THK)						
B	13	1	142-9432	1	SHIM (0.8MM THK)						
B	14	1	142-9433	1	SHIM (0.6MM THK)						
	15	1	142-9438	1	SPRING-COIL						
	16	1	142-9426	1	SPRING AS						
	17	1	130-7806	2	ROD						
	18	1	142-9436	1	BEARING AS						
	19	1	201-5382	1	SEAL-SHAFT						
	20	1	126-1403	1	PLATE-ADJUSTMENT						
	21	1	142-9440	1	BEARING AS						
	22	1	142-9439	1	BEARING AS						

B-USE AS REQUIRED

STEERING AND BRAKING SYSTEM

196-4232 ROTATING GP-PUMP (contd.)

i01834512



GRAPHIC #1

<END>

g00771245

STEERING AND BRAKING SYSTEM

126-0747 VALVE GP-BYPASS-STEERING

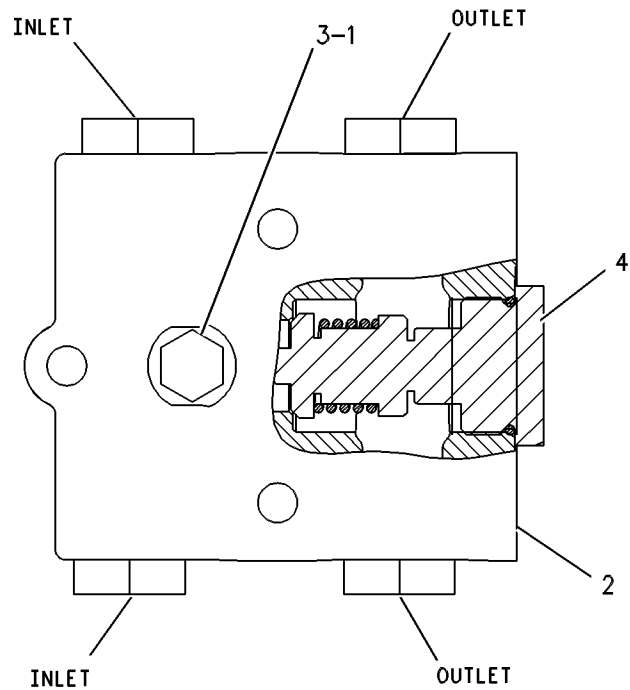
S/N: CCK1-UP

PART OF 191-9532 LINES GP-STEERING

SMCS-5093

i01458199

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9S-4191	1	PLUG-STRAIGHT THREAD						
	2	1	126-0748	1	BODY						
	3	1	3J-1907	1	SEAL-O-RING						
	4	1	6V-8218	1	SEAL-O-RING						



GRAPHIC #1

<END>

g00449170

STEERING AND BRAKING SYSTEM

201-7274 VALVE GP-CONTROL-STEERING/BRAKE

S/N: CCK1-UP

PART OF 195-0644 BRAKE GP-STEERING

SMCS-4307

i01872987

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	9L-9068	4	DOWEL	
Y	2	1	162-5357	1	MANIFOLD & VALVE GP	311
Y	3	1	175-4972	1	MANIFOLD & VALVE GP	312
	4	1	176-0259	1	PLUG AS (ORIFICE SCREEN)	
M	5	1	8T-4177	2	BOLT (M8X1.25X90MM)	
Y	6	1	201-7269	1	VALVE GP-TRANSMISSION CONTROL	232
	7	1	122-3771	2	SEAL-O-RING	
	8	1	132-9899	1	PLATE	
	9	1	132-9900	1	PLATE	
	10	1	134-1251	1	PLATE-SEPARATOR	
	11	1	185-3503	2	SEAL-O-RING	
	12	1	1T-0738	10	WASHER (8.4X19X1.83MM THK)	
	13	1	3S-2093	4	STRAP-CABLE	
	14	1	4J-7533	1	SEAL-O-RING	
M	15	1	7X-2541	4	BOLT (M8X1.25X140MM)	
M	16	1	8T-3647	4	BOLT (M8X1.25X80MM)	
	17	1	9P-9150	24	WASHER (8.25X18X.84MM THK)	

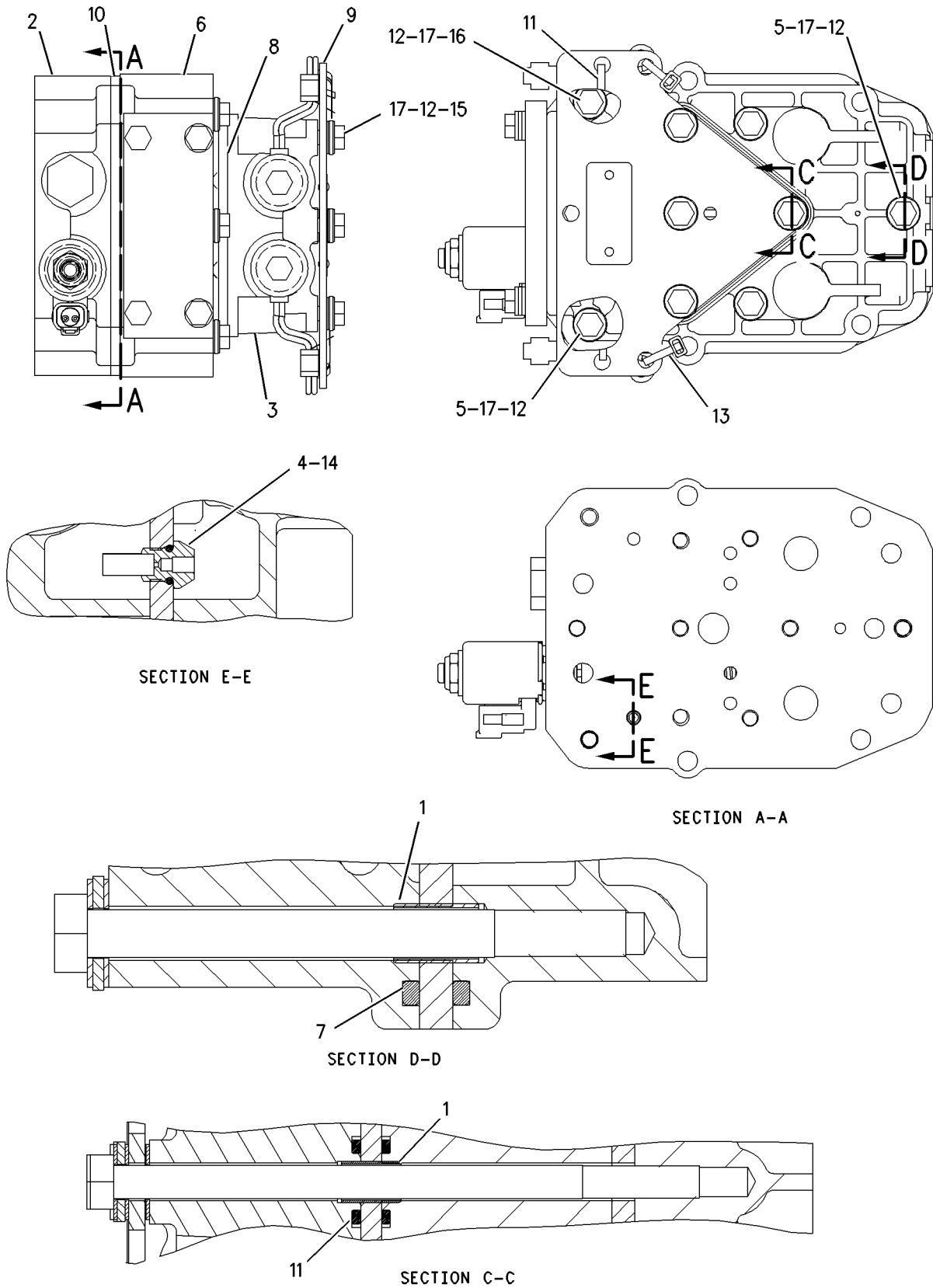
M-METRIC PART

Y-SEPARATE ILLUSTRATION

STEERING AND BRAKING SYSTEM

201-7274 VALVE GP-CONTROL (contd.)

i01872987



GRAPHIC #1

<END>

g00936951

STEERING AND BRAKING SYSTEM

111-7346 VALVE GP-FLUSHING-DIFFERENTIAL STEERING MOTOR

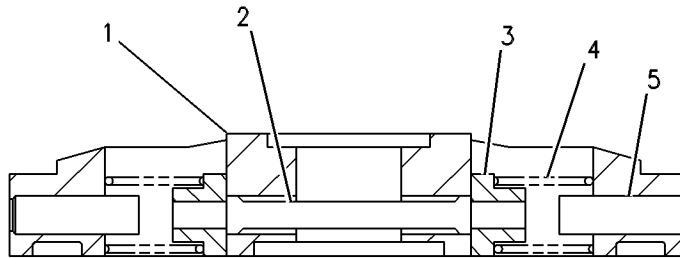
S/N: CCK1-UP

PART OF 202-0968 ROTATING GP-MOTOR

SMCS-5066

i01834298

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	111-8288	1	PLATE						
	2	1	111-8289	1	ROD						
	3	1	119-6110	2	RETAINER						
	4	1	6E-4102	2	SPRING						
	5	1	112-9327	2	DOWEL						



GRAPHIC #1

<END>

g00115015

STEERING AND BRAKING SYSTEM

9T-8693 VALVE GP-PILOT-STEERING & TMSN CONTROL

S/N: CCK1-UP

PART OF 166-6082 CONTROL GP-STEERING & TMSN
ALSO AN ATTACHMENT

SMCS-4307

i01835112

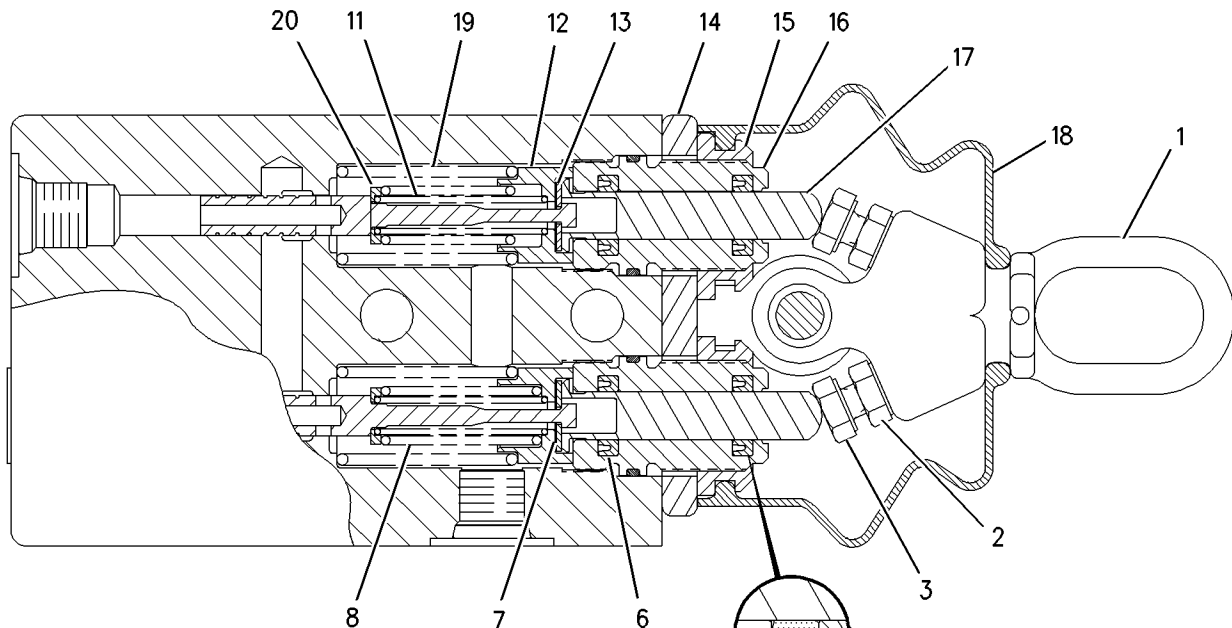
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6E-1134	1	LEVER						
	2	1	1B-4427	2	NUT-JAM (1/4-20 THD)						
	3	1	114-5157	2	ADJUSTER						
	4	1	6E-1135	1	PIN						
	5	1	1U-3147	4	SEAL-U-CUP						
	6	1	033-6044	2	SEAL-O-RING						
B	7	1	5S-7018	4	SPACER (14.15X7.54X.25MM THK)						
	8	1	6E-1982	2	SPRING (MIDDLE)						
	9	1	1S-6250	2	DOWEL						
	10	1	3N-2818	2	BEARING						
	11	1	6E-1981	2	SPRING (INNER)						
	12	1	6E-1136	2	RETAINER						
	13	1	1U-2071	2	RETAINER						
	14	1	199-9102	1	BRACKET						
	15	1	8J-1622	2	NUT (7/8-20 THD)						
	16	1	9T-2378	2	SLEEVE						
	17	1	1U-2752	2	PLUNGER						
	18	1	202-1214	1	BOOT						
	19	1	1W-3963	2	SPRING-OUTER						
	20	1	6E-2193	2	RETAINER						

B-USE AS REQUIRED

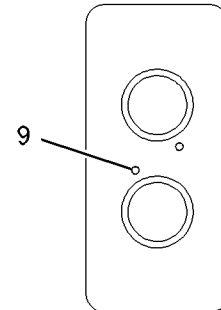
STEERING AND BRAKING SYSTEM

9T-8693 VALVE GP-PILOT (contd.)

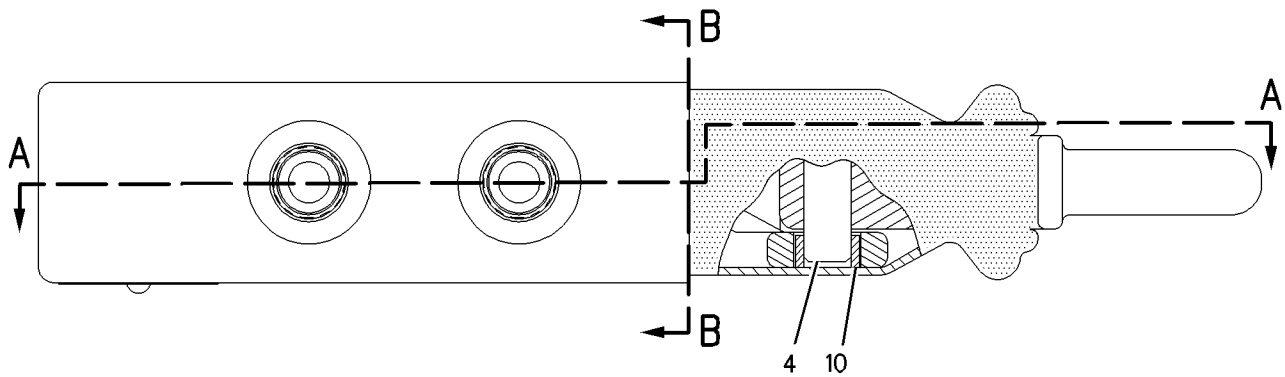
i01835112



SECTION A-A



SECTION B-B



GRAPHIC #1

<END>

g00940430

STEERING AND BRAKING SYSTEM

201-9105 VALVE GP-PRESS & FLOW CMPNSTR-STEERING PUMP

S/N: CCK1-UP

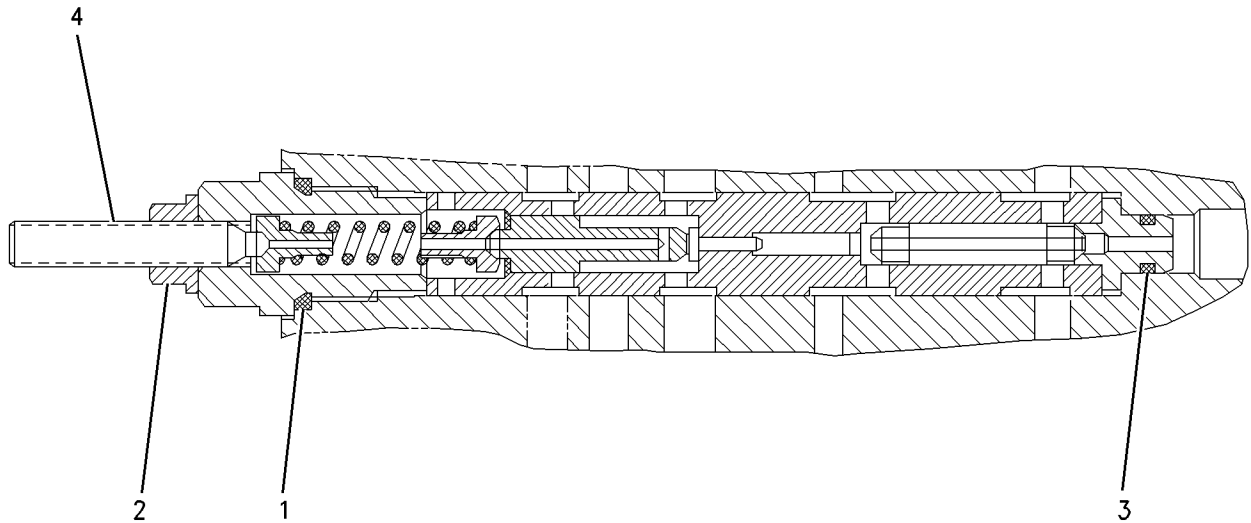
PART OF 202-2329 HEAD GP-PUMP

SMCS-5086

i01834477

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6V-8351	1	SEAL-O-RING						
M	2	1	6E-1607	1	LOCKNUT-SEALING						
	3	1	6V-5586	1	SEAL-O-RING						
M	4	1	6E-4401	1	SETSCREW-ADJUSTMENT						

M-METRIC PART



GRAPHIC #1

<END>

g00937140

STEERING AND BRAKING SYSTEM

6E-4402 VALVE GP-RELIEF-STEERING PUMP

S/N: CCK1-UP

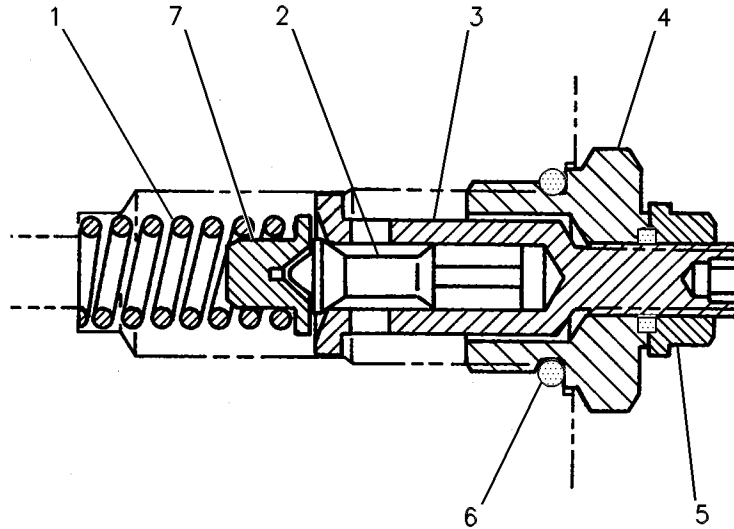
PART OF 202-2329 HEAD GP-PUMP

SMCS-4307

i01834440

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	202-2342	1	SPRING						
	2	1	6E-4404	1	VALVE-POPPET						
	3	1	183-8410	1	SCREW						
	4	1	6E-4403	1	PLUG						
M	5	1	6E-4240	1	NUT-SEALING (M10X1 THD)						
	6	1	6V-8352	1	SEAL-O-RING						
	7	1	6E-4388	1	RETAINER-SPRING						

M-METRIC PART



GRAPHIC #1

<END>

g00252131

STEERING AND BRAKING SYSTEM

198-9219 VALVE GP-RELIEF-STEERING LINES

S/N: CCK1-UP

PART OF 191-9532 LINES GP-STEERING

SMCS-4307

i01834289

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	198-9220	1	VALVE GP-RELIEF						332
Y-SEPARATE ILLUSTRATION									

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STEERING AND BRAKING SYSTEM

198-9220 VALVE GP-RELIEF-STEERING LINES

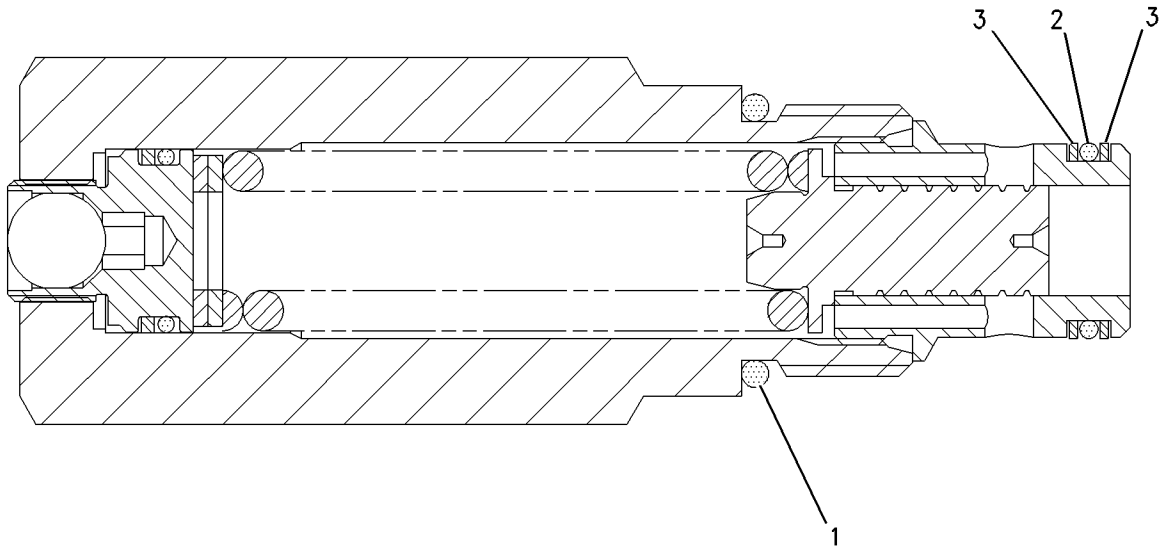
S/N: CCK1-UP

PART OF 198-9219 VALVE GP-RELIEF

SMCS-4307

i01834291

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
J	1	1	2M-9780	1	SEAL-O-RING						
J	2	1	161-6149	1	SEAL-O-RING						
J	3	1	161-6161	2	RING-BACKUP						
AVAILABLE REPAIR KIT(S) :											
			133-5545	1	KIT-SEAL (RELIEF VALVE)						
J-KIT MARKED J INCLUDE PARTS MARKED J											



GRAPHIC #1

<END>

g00938075

STEERING AND BRAKING SYSTEM

202-2333 VALVE GP -SERVO-STEERING PUMP PILOT PRESSURE

S/N: CCK1-UP

PART OF 222-1214 PUMP GP-PISTON

SMCS-4307

i01834525

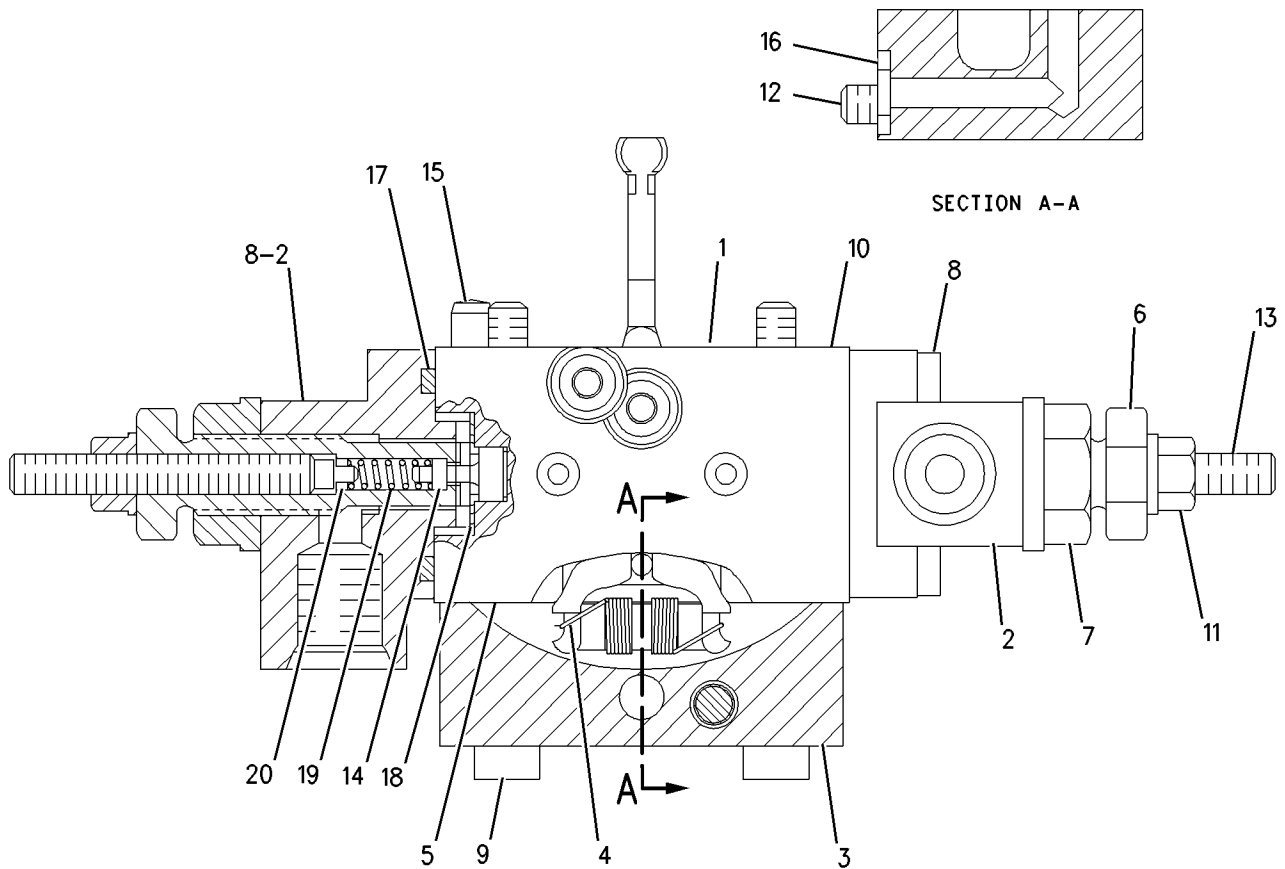
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	202-2343	1	HOUSING AS						
	2	1	202-2344	2	HOUSING						
	3	1	196-4251	1	COVER						
	4	1	202-0971	1	SPRING						
	5	1	203-5592	1	GASKET						
	6	1	202-2791	2	SCREW						
M	7	1	6E-4385	2	LOCKNUT						
M	8	1	8C-8580	8	BOLT-SOCKET HEAD (M5X.8X16MM)						
M	9	1	8T-2922	4	BOLT-SOCKET HEAD (M6X1X65MM)						
	10	1	117-7316	1	SEAL						
	11	1	9T-3853	2	LOCKNUT						
		1	085-7539	3	SEAL-O-RING						
	12	1	196-9445	1	BOLT-SOCKET HEAD (M6X1X45MM)						
	13	1	202-2341	2	PIN						
	14	1	202-2339	2	COLLAR						
	15	1	5E-7045	1	PIN-CYLINDER						
	18	1	196-4254	2	SPRING						
	19	1	183-8398	2	SPRING						
	20	1	183-8395	2	RETAINER-SPRING						

M-METRIC PART

STEERING AND BRAKING SYSTEM

202-2333 VALVE GP -SERVO (contd.)

i01834525



GRAPHIC #1

<END>

g00778984

STEERING AND BRAKING SYSTEM

227-5862 VALVE GP-SERVO-STEERING PUMP PILOT PRESS CONT

S/N: CCK1-UP

PART OF 222-1214 PUMP GP-PISTON

SMCS-4307

i01834502

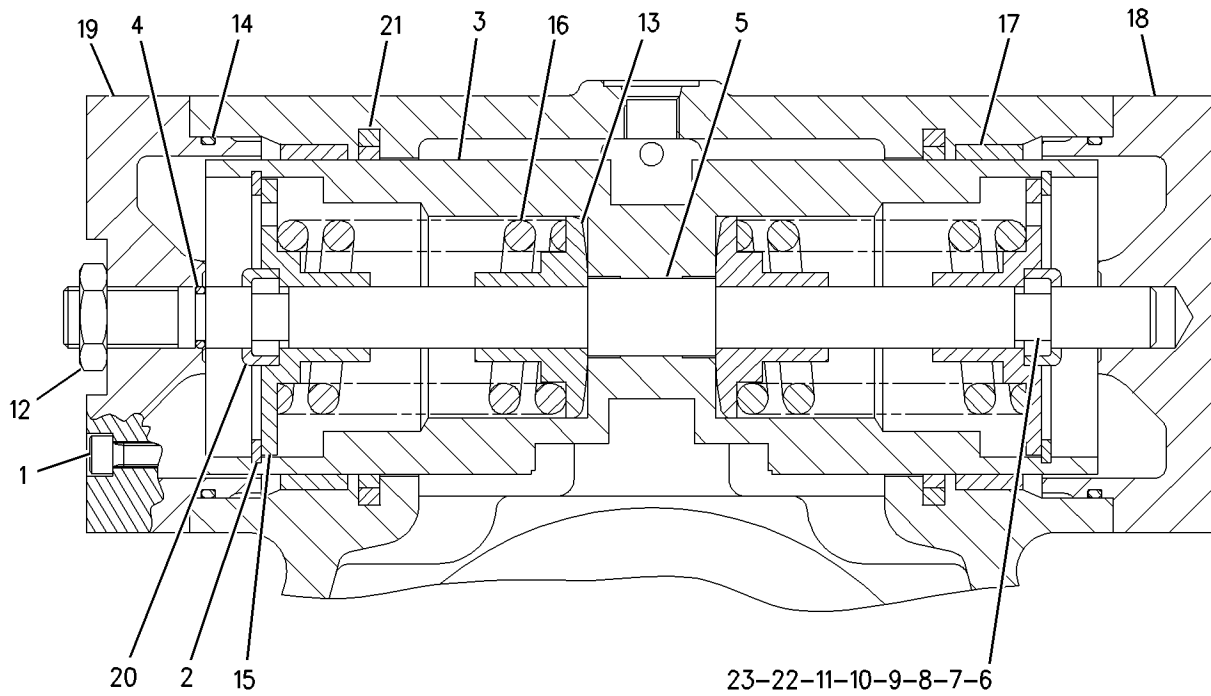
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	8T-0269	8	BOLT-SOCKET HEAD (M6X1X20MM)						
	2	1	123-7547	2	SEAL-V-RING						
	3	1	188-7792	1	PISTON						
	4	1	6V-8397	1	SEAL-O-RING						
	5	1	145-0834	1	ROD						
B	6	1	188-7793	2	SPACER (9.2X15.95X5.82MM THK)						
B	7	1	188-7794	2	SPACER (9.2X15.95X5.87MM THK)						
B	8	1	188-7795	2	SPACER (9.2X15.95X5.92MM THK)						
B	9	1	188-7796	2	SPACER (9.2X15.95X5.97MM THK)						
B	10	1	188-7797	2	SPACER (9.2X15.95X6.02MM THK)						
B	11	1	188-7798	2	SPACER (9.2X15.95X5.67MM THK)						
M	12	1	188-7789	1	NUT (M12X1.50 THD)						
	13	1	145-0838	2	RETAINER-SPRING						
	14	1	004-1964	2	SEAL-O-RING						
	15	1	153-2783	2	RETAINER-SPRING						
	16	1	123-7544	2	SPRING-PRESSURE						
	17	1	188-7790	2	RING-GUIDE						
	18	1	202-2337	1	COVER						
	19	1	202-2336	1	COVER						
	20	1	188-7800	2	RING						
	21	1	188-7791	2	RING						
B	22	1	188-7799	2	SPACER (9.2X15.95X5.72MM THK)						
	23	1	106-7532	1	SPACER (9.2X15.95X5.77MM THK)						

B-USE AS REQUIRED
M-METRIC PART

STEERING AND BRAKING SYSTEM

227-5862 VALVE GP - SERVO (contd.)

i01834502



GRAPHIC #1

<END>

g00938444

STEERING AND BRAKING SYSTEM

172-2392 VALVE GP-SOLENOID-STEERING/BRAKE

S/N: CCK1-UP

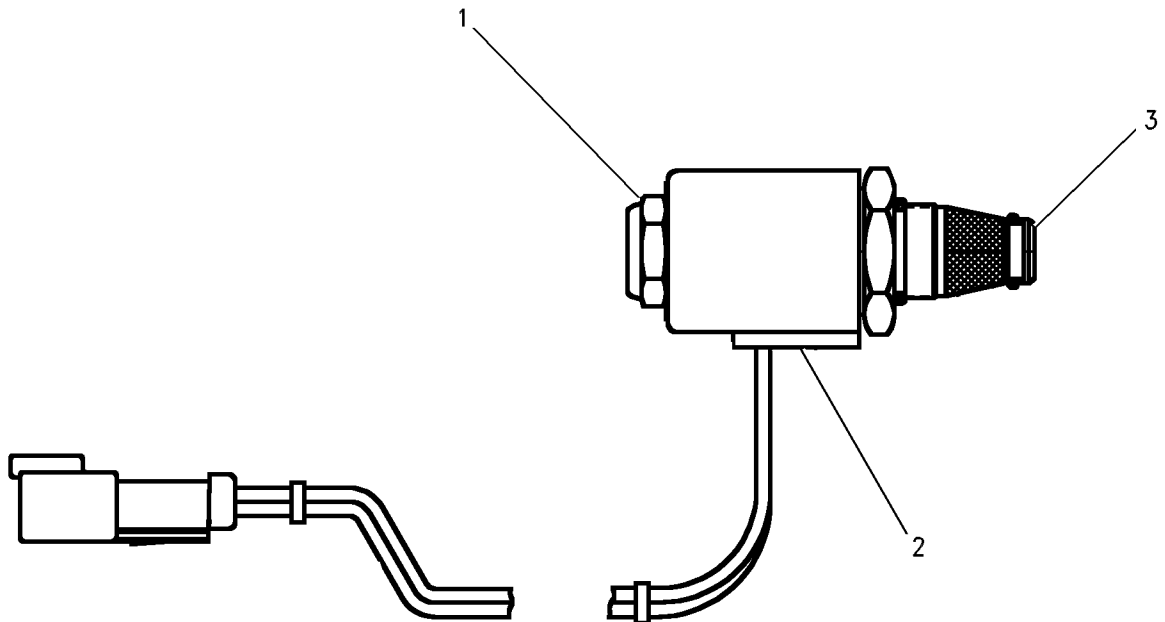
24 VOLT

PART OF 175-4972 MANIFOLD & VALVE GP

SMCS-4804

i01883348

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	156-5970	1	NUT (1/2-20-2B THD)						
	2	1	133-2249	1	COIL AS						
		1	1S-9593	2	STRAP-CABLE						
		1	8T-8729	2	PIN-CONNECTOR						
		1	8T-8737	2	PLUG-SEAL						
		1	102-8804	1	KIT-RECEPTACLE (4 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	3	1	172-2391	1	SPOOL AS						
		1	156-5970	1	NUT (1/2-20-2B THD)						
					AVAILABLE REPAIR KIT(S) :						
			189-1839	1	KIT-SEAL (SOLENOID VALVE)						
					(INCLUDES SEALS & RING-BACK UP)						



GRAPHIC #1

<END>

g00653409

STEERING AND BRAKING SYSTEM

174-4909 VALVE GP-SOLENOID-STEERING/BRAKE

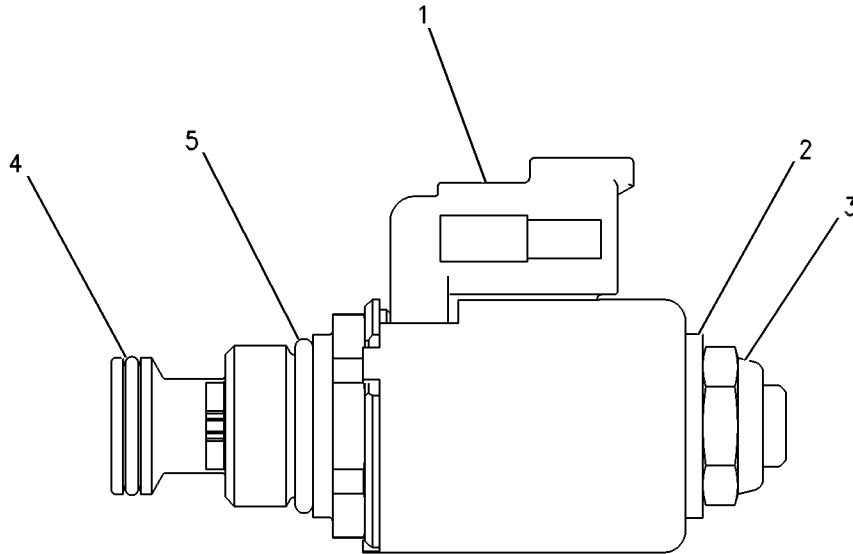
S/N: CCK1-UP

PART OF 162-5357 MANIFOLD & VALVE GP

SMCS-4804

i01431369

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	145-1144	1	COIL AS						
	2	1	164-2108	1	WASHER (2.38MM THK)						
	3	1	167-9524	1	NUT-SELF LOCKING (1/2-28 THD)						
	4	1	8L-2746	1	SEAL-O-RING (15.6MM ID)						
	5	1	6V-4589	1	SEAL-O-RING (19.18MM ID)						



GRAPHIC #1

<END>

g00638363

HYDRAULIC SYSTEM

156-8948 CONTROL GP-HYDRAULIC HAND-BULLDOZER LIFT/TILT

S/N: CCK1-UP

PART OF 189-4623 HYDRAULIC AR

SMCS-5063

i01895715

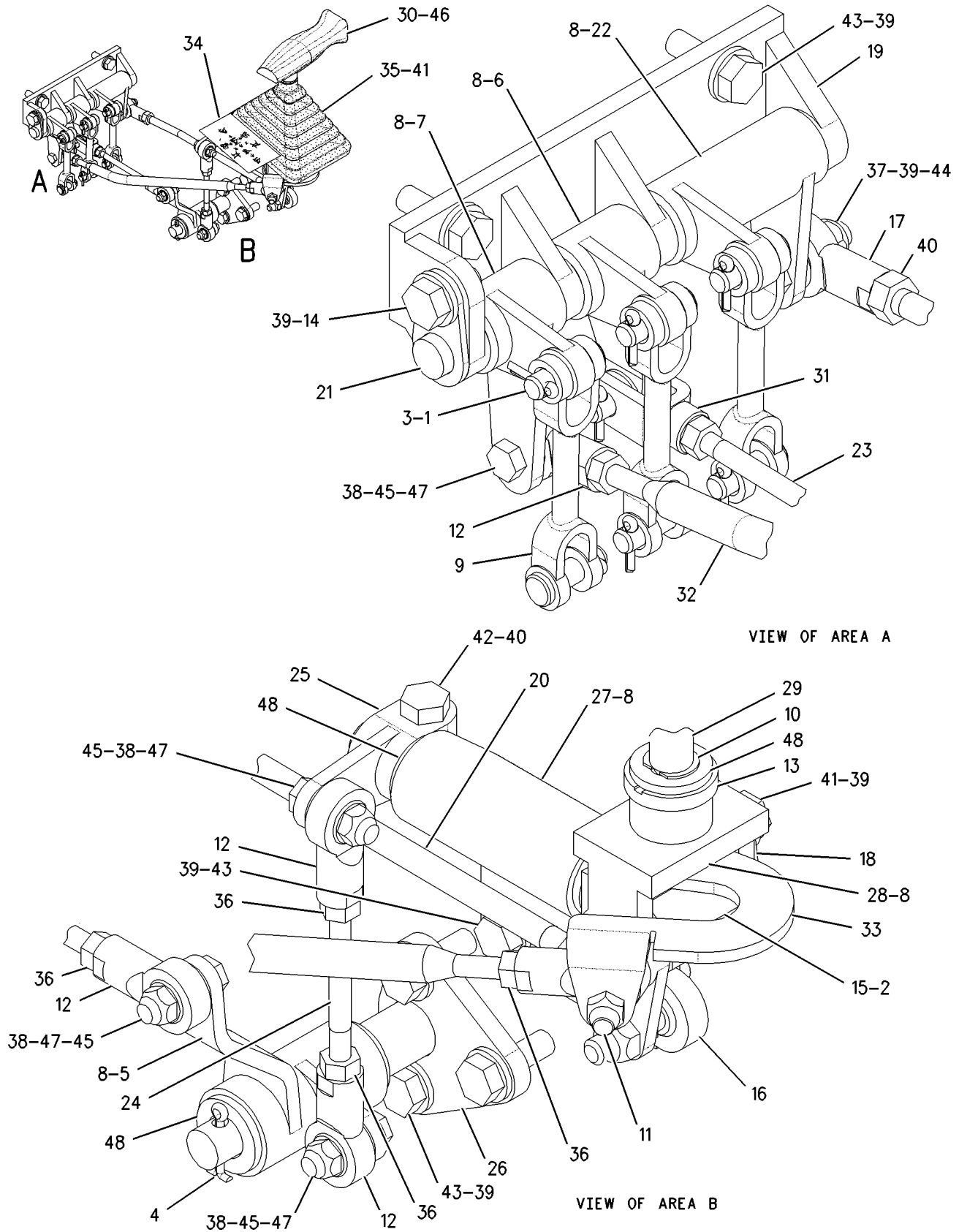
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1B-0676	7	PIN						
	2	1	1B-8704	1	KEY-WOODRUFF						
	3	1	3B-4615	7	PIN-COTTER						
	4	1	3B-4617	1	PIN-COTTER						
	5	1	3W-1493	1	LEVER						
	6	1	3W-1495	1	LEVER						
	7	1	3W-1615	1	LEVER						
	8	1	5P-9209	14	BEARING-ROLLER						
	9	1	7F-3713	3	ROD-CONTROL						
	10	1	7S-5757	1	RING-RETAINING						
	11	1	7X-7662	1	ROD END						
	12	1	7X-7915	4	ROD END (M8X1.25 THD)						
	13	1	8E-1370	1	WASHER-THRUST						
M	14	1	8T-4191	1	BOLT (M10X1.5X16MM)						
	15	1	8G-4659	1	SHAFT AS						
	16	1	8T-4766	1	ROD END						
	17	1	8T-6431	1	ROD END						
	18	1	111-9870	1	SHAFT AS						
	19	1	111-9871	1	SUPPORT						
	20	1	111-9873	1	ROD						
	21	1	111-9876	1	SHAFT AS						
	22	1	111-9879	1	LEVER						
	23	1	111-9887	1	ROD						
	24	1	111-9888	1	ROD						
	25	1	111-9890	1	LEVER						
	26	1	111-9891	1	SHAFT AS						
	27	1	111-9892	1	SUPPORT						
	28	1	111-9895	1	YOKE						
	29	1	112-1869	1	BUSHING						
	30	1	115-1153	1	HANDLE (HYDRAULIC HAND CONTROL)						
	31	1	118-9674	1	END-YOKE ROD						
	32	1	126-6733	1	ROD						
	33	1	211-1965	1	LEVER AS						
	34	1	220-2667	1	FILM-INSTRUCTION (BULLDOZER CONTROL)						
	35	1	166-3325	1	BOOT						
M	36	1	5C-7261	6	NUT (M8X1.25 THD)						
M	37	1	6V-7744	2	LOCKNUT (M10X1.5 THD)						
M	38	1	6V-9189	5	LOCKNUT (M8X1.25 THD)						
	39	1	8T-4121	12	WASHER-HARD (11X21X2.5MM THK)						
M	40	1	8T-4133	3	NUT (M10X1.5 THD)						
M	41	1	8T-4137	1	BOLT (M10X1.5X20MM)						
M	42	1	8T-4186	1	BOLT (M10X1.5X40MM)						
M	43	1	8T-4195	9	BOLT (M10X1.5X30MM)						
M	44	1	8T-4196	1	BOLT (M10X1.5X35MM)						
	45	1	8T-4224	4	WASHER-HARD (8.8X16X2MM THK)						
M	46	1	8T-4244	1	NUT (M12X1.75 THD)						
M	47	1	8T-7547	4	BOLT (M8X1.25X30MM)						
	48	1	9X-8257	6	WASHER (17.5X30X3.5MM THK)						

M-METRIC PART

HYDRAULIC SYSTEM

156-8948 CONTROL GP-HYDRAULIC HAND (contd.)

i01895715



VIEW OF AREA A

VIEW OF AREA B

GRAPHIC #1

<END>

g00907650

HYDRAULIC SYSTEM

164-3504 CONTROL GP-HYDRAULIC HAND-RIPPER

S/N: CCK1-UP

PART OF 229-2831 HYDRAULIC AR, 173-8641 HYDRAULIC AR-4 VALVE
AN ATTACHMENT

SMCS-5063

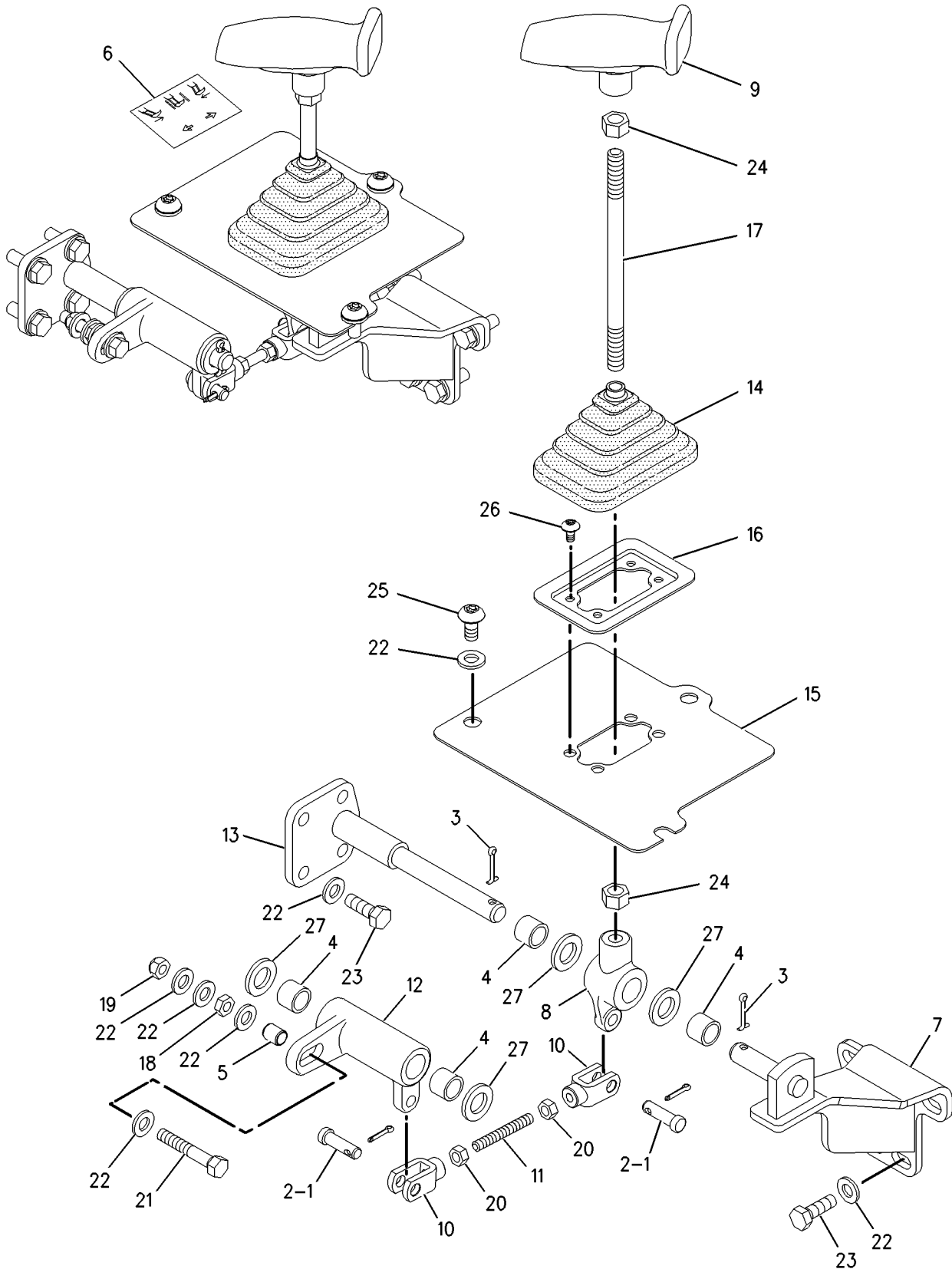
i01883367

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1B-0676	2	PIN						
	2	1	3B-4615	2	PIN-COTTER						
	3	1	3B-4617	2	PIN-COTTER						
	4	1	5P-9209	4	BEARING-ROLLER						
	5	1	8M-8489	1	DOWEL						
	6	1	102-9478	1	FILM-INSTRUCTION (RIPPER CONTROL)						
	7	1	111-9899	1	BRACKET AS						
	8	1	111-9900	1	LEVER						
	9	1	115-1153	1	HANDLE (HYDRAULIC HAND CONTROL)						
	10	1	118-9674	2	END-YOKE ROD						
	11	1	121-0483	1	ROD						
	12	1	121-0484	1	LEVER						
	13	1	121-0487	1	SHAFT AS						
	14	1	166-3603	1	BOOT						
	15	1	177-4229	1	PLATE AS						
M		1	6V-9632	4	NUT-WELD (M6X1 THD)						
	16	1	177-4230	1	PLATE						
	17	1	211-4634	1	ROD-CONTROL						
	18	1	1B-2578	1	NUT (3/8-16 THD)						
	19	1	2K-4973	1	LOCKNUT (3/8-16 THD)						
M	20	1	5C-7261	2	NUT (M8X1.25 THD)						
	21	1	8T-0192	1	BOLT (3/8-16X2.25 IN)						
	22	1	8T-4121	15	WASHER-HARD (11X21X2.5MM THK)						
M	23	1	8T-4195	8	BOLT (M10X1.5X30MM)						
M	24	1	8T-4244	2	NUT (M12X1.75 THD)						
M	25	1	9X-2041	3	SCREW-TRUSS HEAD (M10X1.5X20MM)						
M	26	1	9X-2042	4	SCREW-TRUSS HEAD (M6X1X12MM)						
	27	1	9X-8257	4	WASHER (17.5X30X3.5MM THK)						
M-METRIC PART											

HYDRAULIC SYSTEM

164-3504 CONTROL GP-HYDRAULIC HAND (contd.)

i01883367



GRAPHIC #1

<END>

g00936717

HYDRAULIC SYSTEM

165-4481 CONTROL GP-HYDRAULIC HAND-BULLDOZER LIFT/TILT

S/N: CCK1-UP

PART OF 156-9510, 229-2831 HYDRAULIC AR
AN ATTACHMENT

SMCS-5063

i01883377

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1B-0676	5	PIN						
	2	1	1B-8704	1	KEY-WOODRUFF						
	3	1	3B-4615	5	PIN-COTTER						
	4	1	3B-4617	1	PIN-COTTER						
	5	1	3W-1493	1	LEVER						
	6	1	3W-1495	1	LEVER						
	7	1	5P-9209	10	BEARING-ROLLER						
	8	1	7F-3713	2	ROD-CONTROL						
	9	1	7X-7915	3	ROD END (M8X1.25 THD)						
	10	1	9X-8257	5	WASHER (17.5X30X3.5MM THK)						
	11	1	8G-4659	1	SHAFT AS						
	12	1	8T-4766	1	ROD END						
	13	1	8T-6431	1	ROD END						
	14	1	111-9867	1	ROD						
	15	1	111-9870	1	SHAFT AS						
	16	1	111-9871	1	SUPPORT						
	17	1	111-9873	1	ROD						
	18	1	111-9876	1	SHAFT AS						
	19	1	111-9879	1	LEVER						
	20	1	111-9886	1	YOKE						
	21	1	111-9887	1	ROD						
	22	1	111-9888	1	ROD						
	23	1	111-9890	1	LEVER						
	24	1	111-9891	1	SHAFT AS						
	25	1	111-9892	1	SUPPORT						
	26	1	115-1153	1	HANDLE (HYDRAULIC HAND CONTROL)						
	27	1	118-9674	1	END-YOKE ROD						
	28	1	220-2666	1	FILM-INSTRUCTION (BULLDOZER CONTROL)						
	29	1	166-3325	1	BOOT						
M	30	1	5C-7261	4	NUT (M8X1.25 THD)						
M	31	1	6V-7744	2	LOCKNUT (M10X1.5 THD)						
M	32	1	6V-9189	3	LOCKNUT (M8X1.25 THD)						
	33	1	8T-4121	12	WASHER-HARD (11X21X2.5MM THK)						
M	34	1	8T-4133	3	NUT (M10X1.5 THD)						
M	35	1	8T-4137	2	BOLT (M10X1.5X20MM)						
M	36	1	8T-4186	1	BOLT (M10X1.5X40MM)						
M	37	1	8T-4195	9	BOLT (M10X1.5X30MM)						
M	38	1	8T-4196	1	BOLT (M10X1.5X35MM)						
	39	1	8T-4224	3	WASHER-HARD (8.8X16X2MM THK)						
M	40	1	8T-4244	2	NUT (M12X1.75 THD)						
M	41	1	8T-7547	3	BOLT (M8X1.25X30MM)						

M-METRIC PART

HYDRAULIC SYSTEM

196-2178 COOLER GP-HYDRAULIC OIL

S/N: CCK1-UP

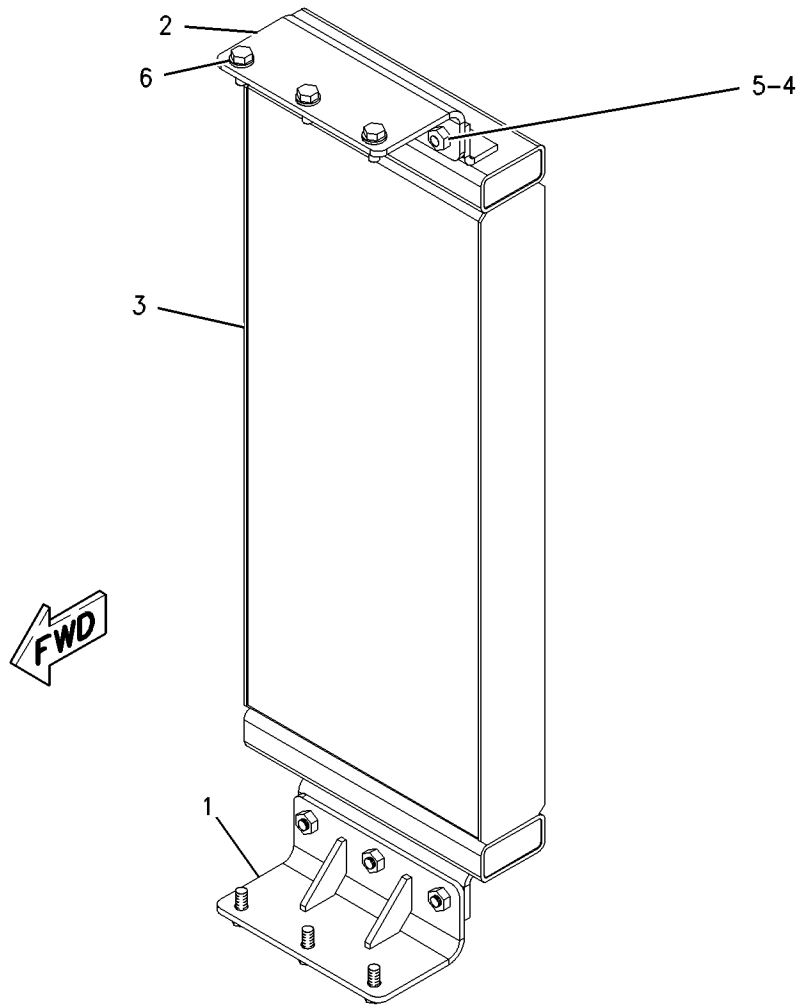
PART OF 189-4622 INSTALLATION AR-ENGINE

SMCS-1374, 5071

i01843207

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	197-8164	1	BRACKET AS						
M		1	8T-3490	3	NUT-WELD (M10X1.5 THD)						
	2	1	214-6734	1	BRACKET AS						
M		1	8T-3490	3	NUT-WELD (M10X1.5 THD)						
	3	1	217-0316	1	CORE AS-OIL COOLER						
	4	1	8T-4121	9	WASHER-HARD (11X21X2.5MM THK)						
M	5	1	8T-4136	9	BOLT (M10X1.5X25MM)						
M	6	1	8T-4186	3	BOLT (M10X1.5X40MM)						

M-METRIC PART



GRAPHIC #1

<END>

g00941871

HYDRAULIC SYSTEM

228-0320 CYLINDER GP-ANGLING-BULLDOZER

S/N: B6X1-UP

101.6MM (4 IN) BORE X 472MM (18.6 IN) STROKE

PART OF 223-6303 BULLDOZER AR

AN ATTACHMENT

SMCS-5101

i01831061

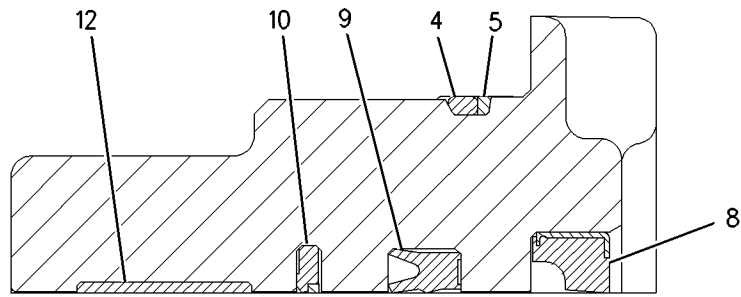
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1J-2175	1	BOLT (1 1/8-7X3.5 IN)						
	2	1	110-6501	1	WASHER-HARD (31X57X6MM THK)						
	3	1	122-9921	1	PISTON AS						
		1	8C-9160	1	SEAL AS						
		1	8N-5083	1	SPRING						
		1	112-6142	1	PLUNGER						
		1	122-9918	1	SPACER						
	4	1	175-7900	1	SEAL-O-RING						
	5	1	2K-6830	1	RING-BACKUP						
	6	1	135-7393	1	HEAD						
		1	167-2457	1	SEAL-WIPER						
	7	1	228-0321	1	ROD AS						
		1	2H-5549	2	RING-RETAINING						
		1	4D-4431	1	BEARING-ALIGNING						
	8	1	167-2457	1	SEAL-WIPER						
	9	1	167-2304	1	SEAL-U-CUP						
	10	1	167-2195	1	SEAL AS-BUFFER						
R	11	1	110-3787	1	CYLINDER AS						
		1	9T-7045	1	BOSS						
		1	2H-5549	2	RING-RETAINING						
		1	4D-4431	1	BEARING-ALIGNING						
	12	1	4T-5613	1	RING-WEAR						
	13	1	6J-2797	1	RING-WEAR						

R-REMFG PART MAY BE AVAILABLE

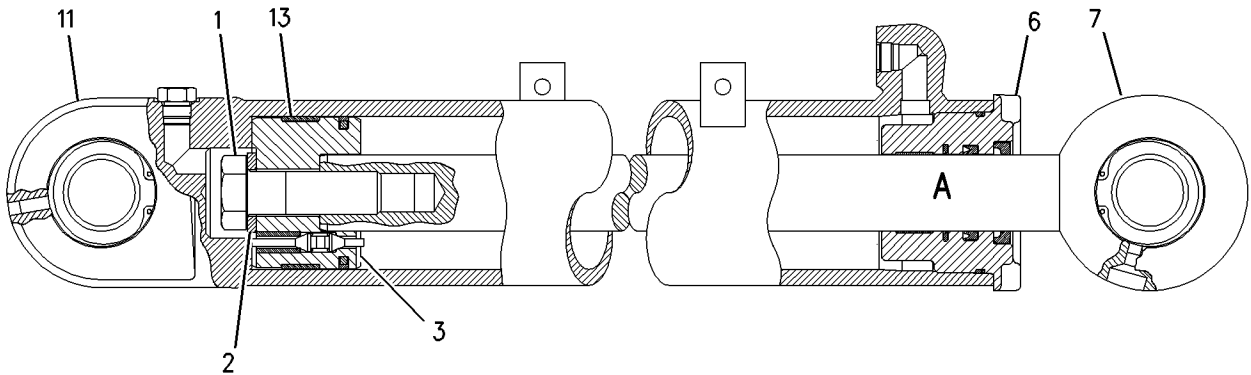
HYDRAULIC SYSTEM

228-0320 CYLINDER GP-ANGLING (contd.)

i01831061



VIEW OF AREA A



GRAPHIC #1

<END>

g00938454

HYDRAULIC SYSTEM

110-3269 CYLINDER GP - LIFT-BULLDOZER

S/N: B6X1-UP

114.3MM (4.5 IN) BORE X 430MM (17 IN) STROKE

PART OF 223-6303 BULLDOZER AR

AN ATTACHMENT

SMCS-5102

i01492754

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
R	1	1	110-3270	1	CYLINDER AS						
			6E-5449	1	BEARING						
CM	2	1	173-9683	1	BOLT-HEX HEAD (M30X3.5X90MM)						
			3S-7023	1	WASHER (34X57X6MM THK)						
			9X-7269	1	SEAL AS						
			4J-3745	1	RING-WEAR						
			6E-3569	1	PISTON						
			175-7902	1	SEAL-O-RING						
C	8	1	1K-7095	1	RING-BACKUP						
			6E-3570	1	HEAD						
			110-3271	1	ROD AS						
		1	6E-5449	1	BEARING						
		11	8T-4958	1	RING-WEAR						
C	12	1	167-2459	1	SEAL-WIPER						
C	13	1	167-2307	1	SEAL-U-CUP						
C	14	1	167-2200	1	SEAL AS						

C - CHANGE FROM PREVIOUS TYPE

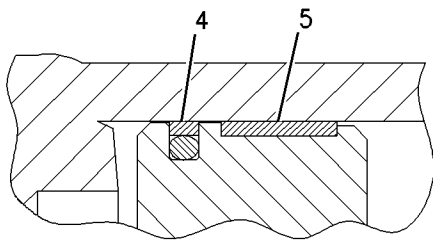
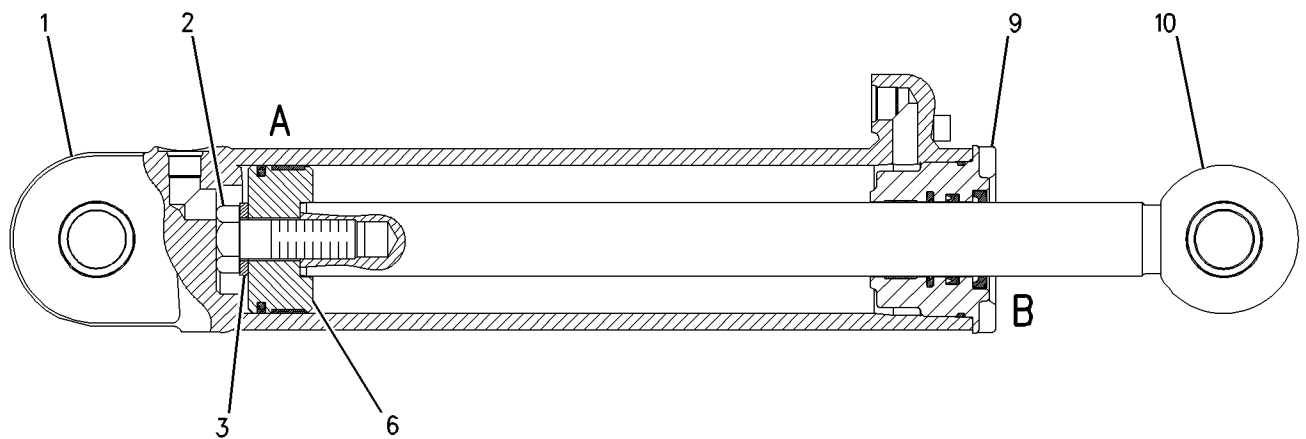
M - METRIC PART

R - REMFG PART MAY BE AVAILABLE

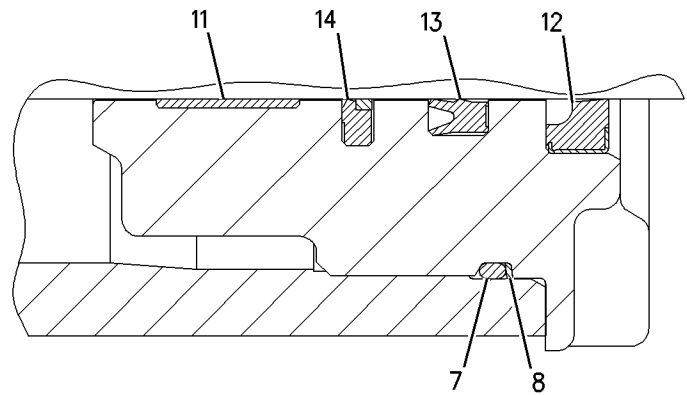
HYDRAULIC SYSTEM

110-3269 CYLINDER GP-LIFT (contd.)

i01492754



VIEW OF AREA A



VIEW OF AREA B

GRAPHIC #1

<END>

g00785498

HYDRAULIC SYSTEM

115-3524 CYLINDER GP - LIFT-BULLDOZER

S/N: S6D1-UP; S6S1-UP

95.25MM (3.75 IN) BORE X 720MM (28.3 IN) STROKE

PART OF 206-9537, 206-9544 BULLDOZER AR-SEMI-UNIVERSAL

AN ATTACHMENT

SMCS-5102

i01876979

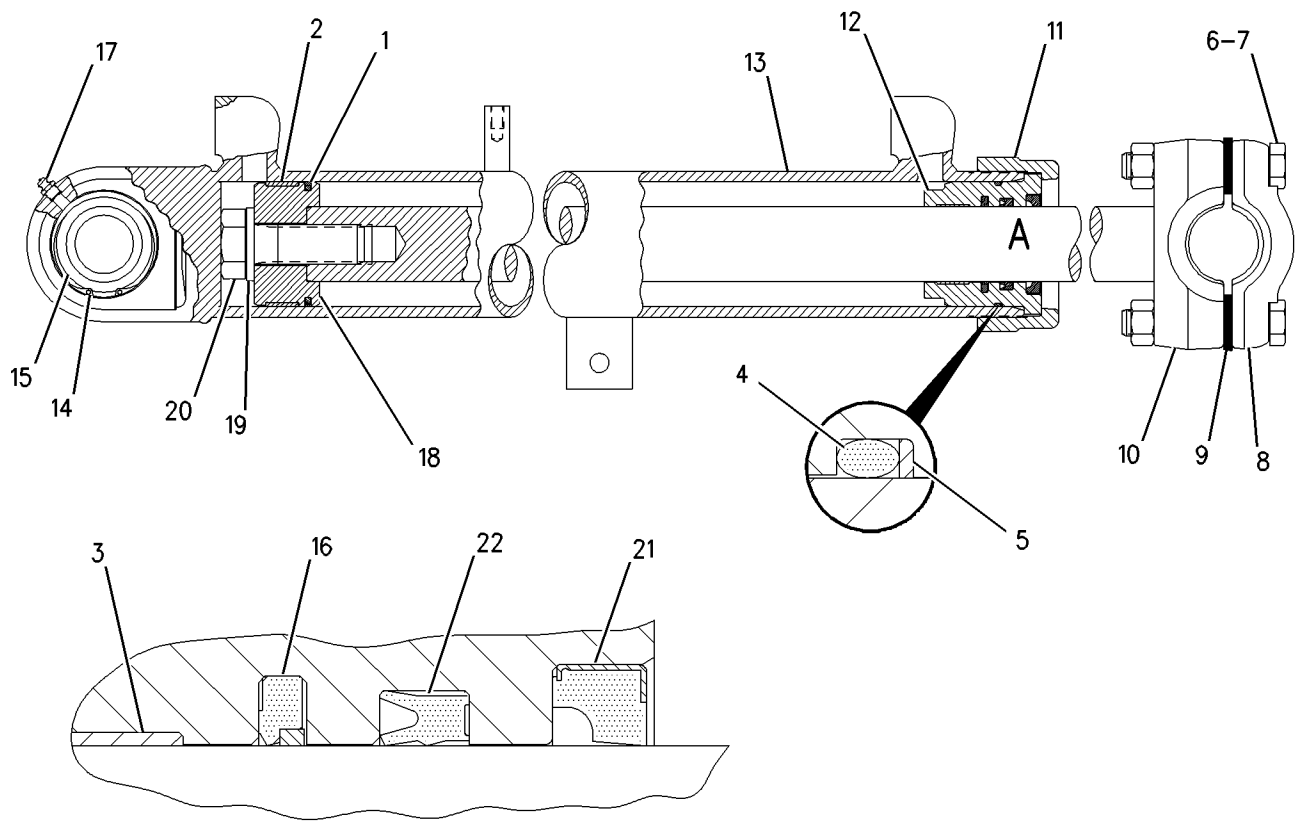
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5J-8011	1	SEAL AS						
	2	1	8J-6245	1	RING-WEAR						
	3	1	8T-4958	1	RING-WEAR						
	4	1	2H-4145	1	SEAL-O-RING						
	5	1	1S-0669	1	RING (BACK UP)						
M	6	1	8T-0070	4	BOLT (M20X2.5X120MM)						
M	7	1	6V-7742	4	NUT-FULL (M20X2.50 THD)						
	8	1	4J-0121	1	CAP-BEARING						
B	9	1	8E-5703	16	SHIM (0.8MM THK)						
	10	1	115-8219	1	ROD AS						
	11	1	8J-6020	1	CROWN						
	12	1	6E-1410	1	HEAD						
	13	1	115-8218	1	CYLINDER AS						
	14	1	1K-6985	2	RING-RETAINING						
	15	1	9J-7964	1	BEARING-SPHERICAL						
	16	1	167-2200	1	SEAL AS						
	17	1	3B-8489	1	FITTING-GREASE (1/8-27 THD) (BULLDOZER LIFT CYLINDER)						
	18	1	115-8225	1	PISTON						
	19	1	9X-8399	1	WASHER (33X56X6MM THK)						
M	20	1	173-9683	1	BOLT-HEX HEAD (M30X3.5X90MM)						
	21	1	167-2459	1	SEAL-WIPER						
	22	1	167-2307	1	SEAL-U-CUP						

B - USE AS REQUIRED
M - METRIC PART

HYDRAULIC SYSTEM

115-3524 CYLINDER GP-LIFT (contd.)

i01876979



VIEW OF AREA A

GRAPHIC #1

<END>

g00702913

HYDRAULIC SYSTEM

9T-2716 CYLINDER GP-RIPPER LIFT

S/N: TPP1-UP

127MM (5 IN) BORE X 362MM (14.25 IN) STROKE

PART OF 180-4560 RIPPER AR

AN ATTACHMENT

SMCS-5352

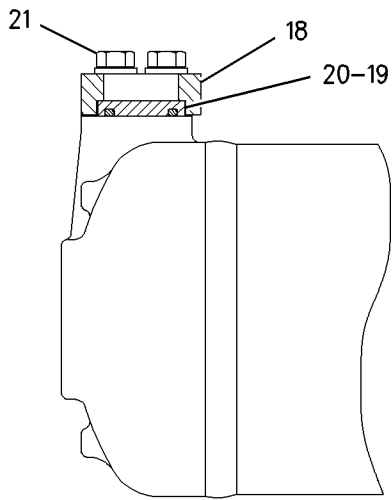
i01480896

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3G-1753	1	PISTON						
	2	1	4J-3420	1	RING-WEAR						
	3	1	5J-5020	1	SEAL AS						
	4	1	9T-2715	1	CYLINDER AS						
	5	1	4K-3128	2	BEARING-SLEEVE						
	6	1	9T-6863	1	HEAD						
	7	1	167-2201	1	SEAL AS-BUFFER						
	8	1	167-2312	1	SEAL-U-CUP						
	9	1	167-2463	1	SEAL-WIPER						
	10	1	9T-2714	1	ROD AS						
	11	1	2K-4507	1	BEARING-SLEEVE						
	12	1	1D-4628	4	BOLT (7/8-9X3.25 IN)						
		1	5P-8249	4	WASHER-HARD (24X41.5X4MM THK)						
	13	1	2K-4096	1	RING						
	14	1	5F-3144	1	SEAL-O-RING						
	15	1	3G-1757	1	WASHER						
	16	1	2J-0564	1	LOCKNUT						
	17	1	8T-5668	1	RING-WEAR						
	18	1	1P-4576	4	FLANGE						
	19	1	4J-5267	2	SEAL-O-RING						
	20	1	5H-4018	2	COVER						
	21	1	9B-7237	8	BOLT (3/8-16X1.25 IN)						
		1	8T-4896	8	WASHER-HARD (10.2X18.5X2.5MM THK)						

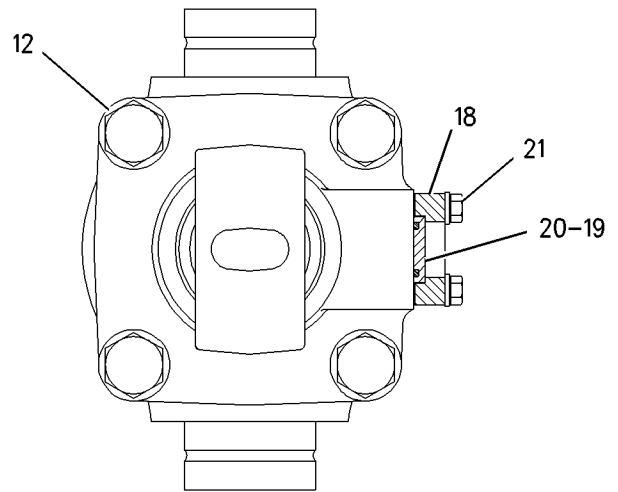
HYDRAULIC SYSTEM

9T-2716 CYLINDER GP-RIPPER LIFT (contd.)

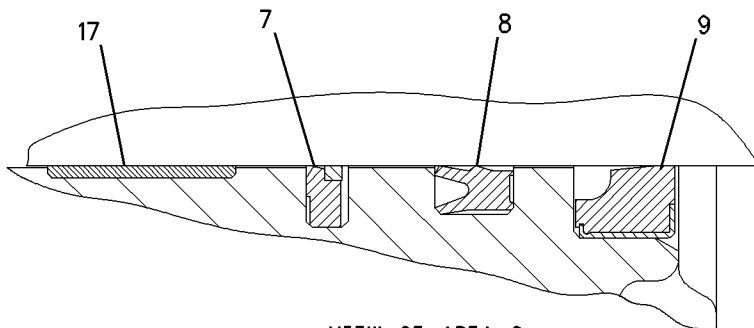
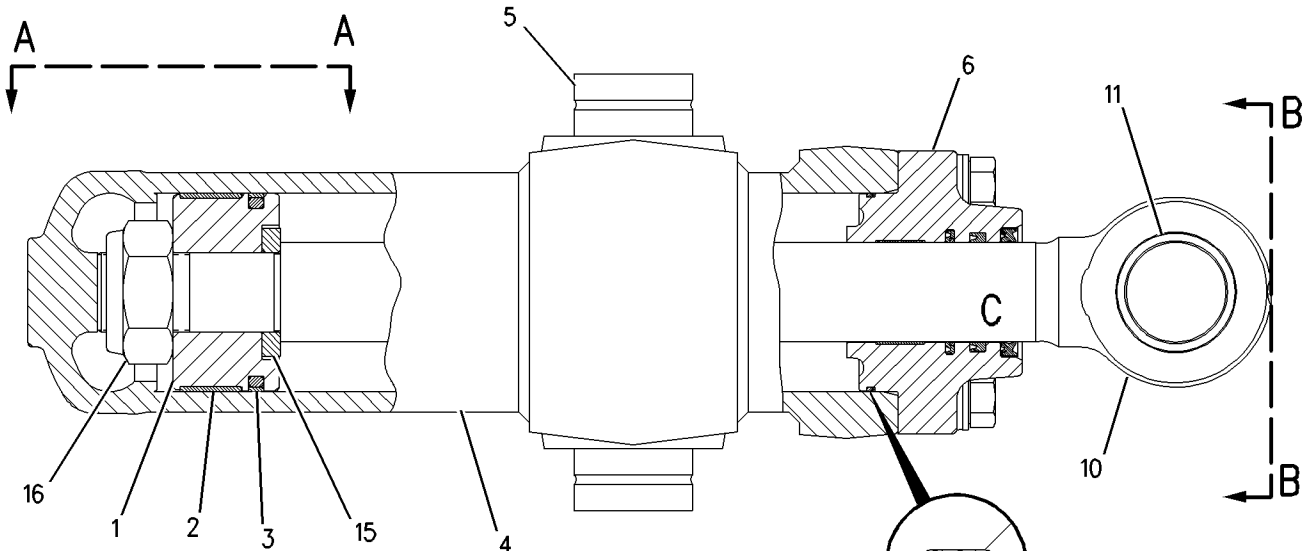
i01480896



VIEW A-A



VIEW B-B



VIEW OF AREA C

GRAPHIC #1

<END>

g00728785

HYDRAULIC SYSTEM

115-3523 CYLINDER GP-TILT-SEMI UNIVERSAL BULLDOZER

S/N: S6D1-UP; S6S1-UP

165.1MM (6.5 IN) BORE X 128MM (5 IN) STROKE

PART OF 115-4472 PUSH ARM GP

AN ATTACHMENT

SMCS-5104

i01877785

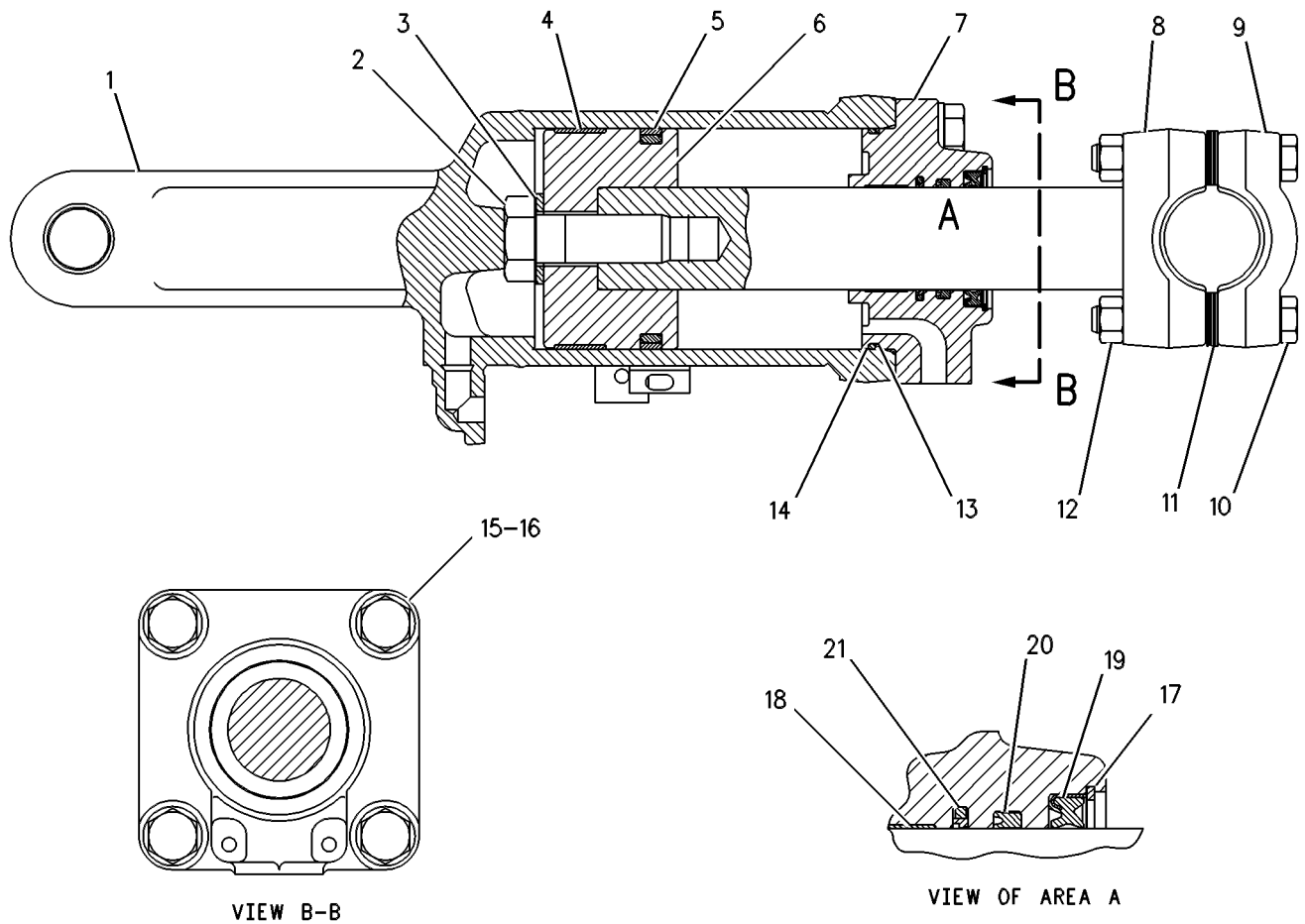
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	116-3089	1	CYLINDER AS						
		1	2J-8489	1	BEARING						
M	2	1	8T-1605	1	BOLT (M36X4X100MM)						
	3	1	3S-6162	1	WASHER-HARD (40.5X67X6MM THK)						
	4	1	3J-9703	1	RING-WEAR						
	5	1	4T-8695	1	SEAL AS						
	6	1	116-3085	1	PISTON						
	7	1	116-3083	1	HEAD						
	8	1	116-3084	1	ROD AS						
	9	1	8J-2880	1	CAP-BEARING						
CM	10	1	6V-9167	4	BOLT (M20X2.5X140MM)						
B	11	1	8E-5703	28	SHIM (0.8MM THK)						
M	12	1	6V-7742	4	NUT-FULL (M20X2.50 THD)						
	13	1	7J-8955	1	RING-BACKUP						
	14	1	7J-8956	1	SEAL-O-RING						
M	15	1	6V-8133	4	BOLT (M24X3.0X80MM)						
	16	1	6V-8237	4	WASHER (26X44X4MM THK)						
C	17	1	7M-2275	1	RING-RETAINING						
	18	1	9T-0094	1	RING-WEAR						
	19	1	8C-5218	1	SEAL-LIP						
	20	1	5J-8300	1	SEAL-U-CUP						
	21	1	8C-9126	1	SEAL AS						

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

HYDRAULIC SYSTEM

115-3523 CYLINDER GP-TILT (contd.)

i01877785



GRAPHIC #1

<END>

g00263251

HYDRAULIC SYSTEM

160-0054 CYLINDER GP-TILT-BULLDOZER

S/N: B6X1-UP

139.7MM (5.5 IN) BORE X 114MM (4.5 IN) STROKE

PART OF 223-6303 BULLDOZER AR
AN ATTACHMENT

SMCS-5104

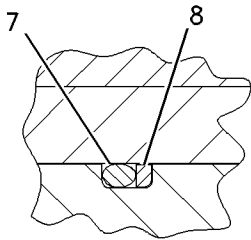
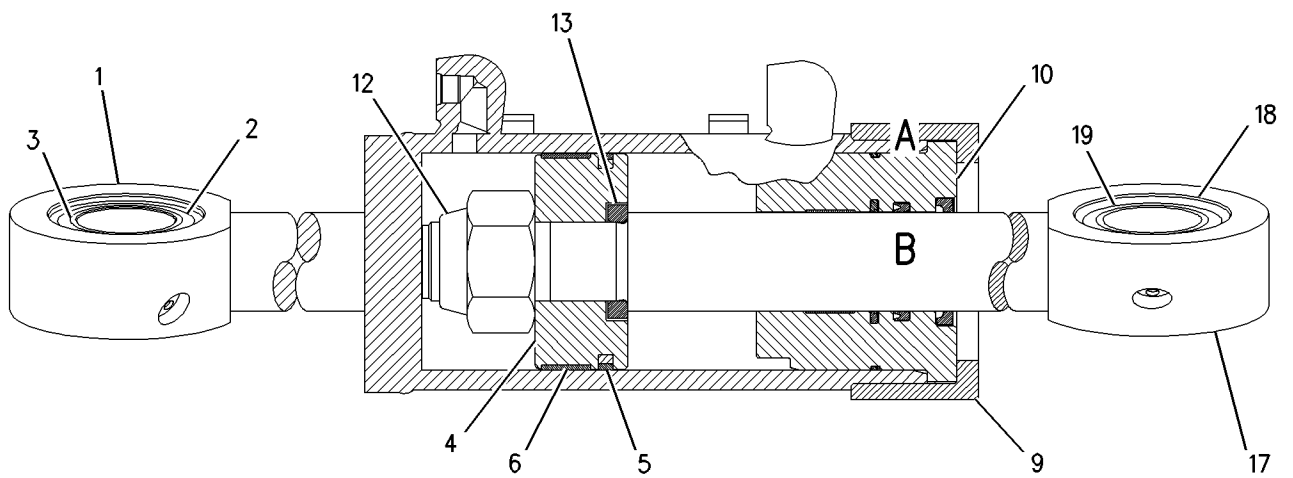
i01526342

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	160-0055	1	CYLINDER AS						
	2	1	8T-7567	1	RING						
	3	1	160-0305	1	BEARING						
	4	1	160-0060	1	PISTON						
	5	1	6E-0465	1	SEAL AS						
	6	1	4J-4606	1	RING-WEAR						
	7	1	2H-9247	1	SEAL-O-RING						
	8	1	2K-2961	1	RING-BACKUP						
	9	1	9T-6302	1	CROWN						
	10	1	110-4771	1	HEAD						
	11	1	8T-5668	1	RING-WEAR						
	12	1	3J-9545	1	LOCKNUT						
	13	1	1U-4049	1	WASHER (51X73X12.7MM THK)						
	14	1	167-2463	1	SEAL-WIPER						
	15	1	167-2312	1	SEAL-U-CUP						
	16	1	167-2201	1	SEAL AS-BUFFER						
	17	1	204-9542	1	ROD AS						
	18	1	1S-3311	1	RING-RETAINING						
	19	1	7J-1309	1	BEARING						

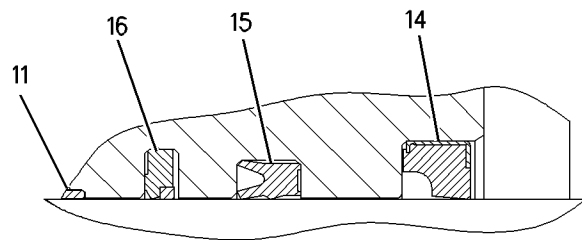
HYDRAULIC SYSTEM

160-0054 CYLINDER GP-TILT (contd.)

i01526342



VIEW OF AREA A



VIEW OF AREA B

GRAPHIC #1

<END>

g00768553

HYDRAULIC SYSTEM

169-4019 FILTER GP-OIL-HYDRAULIC

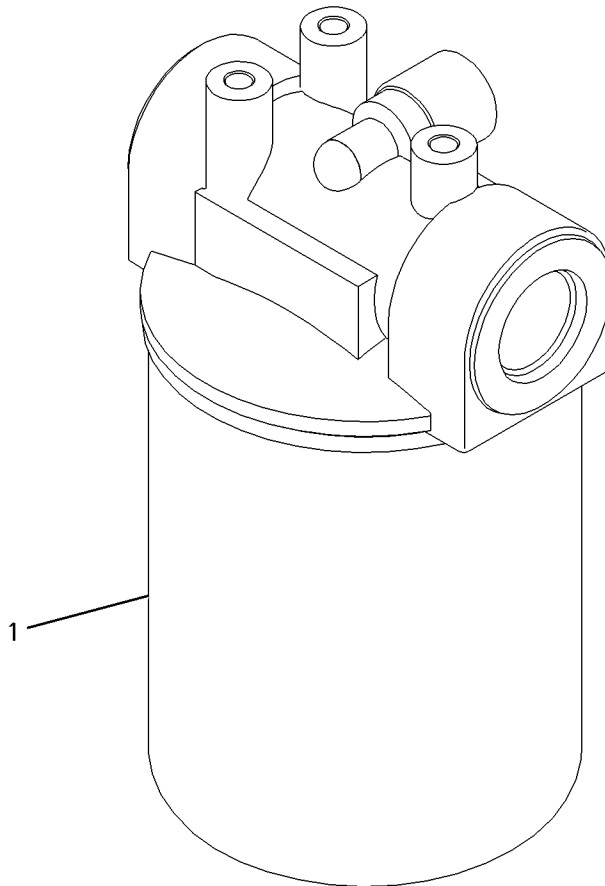
S/N: CCK1-UP

PART OF 191-9531 LINES GP-PUMP

SMCS-5068

i01899140

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9T-8578	1	FILTER-SPIN-ON (HYDRAULIC)						
					-OR-						
		1	144-0832	1	FILTER AS-OIL (HYDRAULIC) (HIGH EFFICIENCY)						



GRAPHIC #1

<END>

g00932693

HYDRAULIC SYSTEM

156-9510 HYDRAULIC AR-2 VALVE

S/N: CCK1-UP
AN ATTACHMENT

SMCS-5051, 5056, 5057, 5073

i01895724

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	165-4481	1	CONTROL GP-HYDRAULIC HAND (LIFT/TILT)						343
Y	169-4142	1	LINES GP-TILT CYLINDER						387
Y	6E-5083	1	VALVE GP-BANK 2						399

Y-SEPARATE ILLUSTRATION

<END>

189-4623 HYDRAULIC AR-3 VALVE

S/N: CCK1-UP
PART OF 189-4616 GENERAL AR

SMCS-5051, 5056, 5057, 5073

i01885509

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	156-8948	1	CONTROL GP-HYDRAULIC HAND						339
Y	163-0761	1	LINES GP-ANGLE & TILT						363
Y	198-5180	1	LINES GP-HYDRAULIC						365
Y	220-0896	1	LINES GP-LIFT CYLINDER						368
Y	220-1322	1	LINES GP-PILOT						376
Y	191-9531	1	LINES GP-PUMP						378
Y	191-9532	1	LINES GP-STEERING						308
Y	191-9536	1	MOTOR GP-PISTON						313
Y	218-0100	1	MOUNTING GP-VALVE						392
Y	222-1214	1	PUMP GP-PISTON						317
Y	174-4485	1	TANK & FILTER GP-HYDRAULIC						396
Y	209-6765	1	VALVE GP-BANK 3						400

Y-SEPARATE ILLUSTRATION

<END>

229-2831 HYDRAULIC AR-4 VALVE

S/N: CCK1-UP
FOR USE WITH SEMI-UNIVERSAL BULLDOZER & RIPPER. CANNOT BE USED WITH WINCH
AN ATTACHMENT

SMCS-5051, 5056, 5057, 5073

i01877579

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	165-4481	1	CONTROL GP-HYDRAULIC HAND (LIFT/TILT) (BULLDOZER)						343
Y	164-3504	1	CONTROL GP-HYDRAULIC HAND (RIPPER)						341
Y	163-3270	1	LINES GP-RIPPER						382
Y	228-3554	1	LINES GP-TILT CYLINDER						388
Y	209-6764	1	VALVE GP-BANK 4						401

Y-SEPARATE ILLUSTRATION

<END>

HYDRAULIC SYSTEM

173-8641 HYDRAULIC AR-4 VALVE

S/N: CCK1-UP

FOR USE WITH 167-1463-PAGE 459, 180-4560-PAGE 429
AN ATTACHMENT

SMCS-5051

i01830637

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	164-3504	1	CONTROL GP-HYDRAULIC HAND (RIPPER)						341
Y	163-3270	1	LINES GP-RIPPER						382
Y	209-6764	1	VALVE GP-BANK 4						401

Y-SEPARATE ILLUSTRATION

<END>

HYDRAULIC SYSTEM

110-6113 LINES GP-ANGLE & TILT

S/N: B6X1-UP

PART OF 223-6303 BULLDOZER AR
AN ATTACHMENT

SMCS-5057, 5101, 5104

i01893115

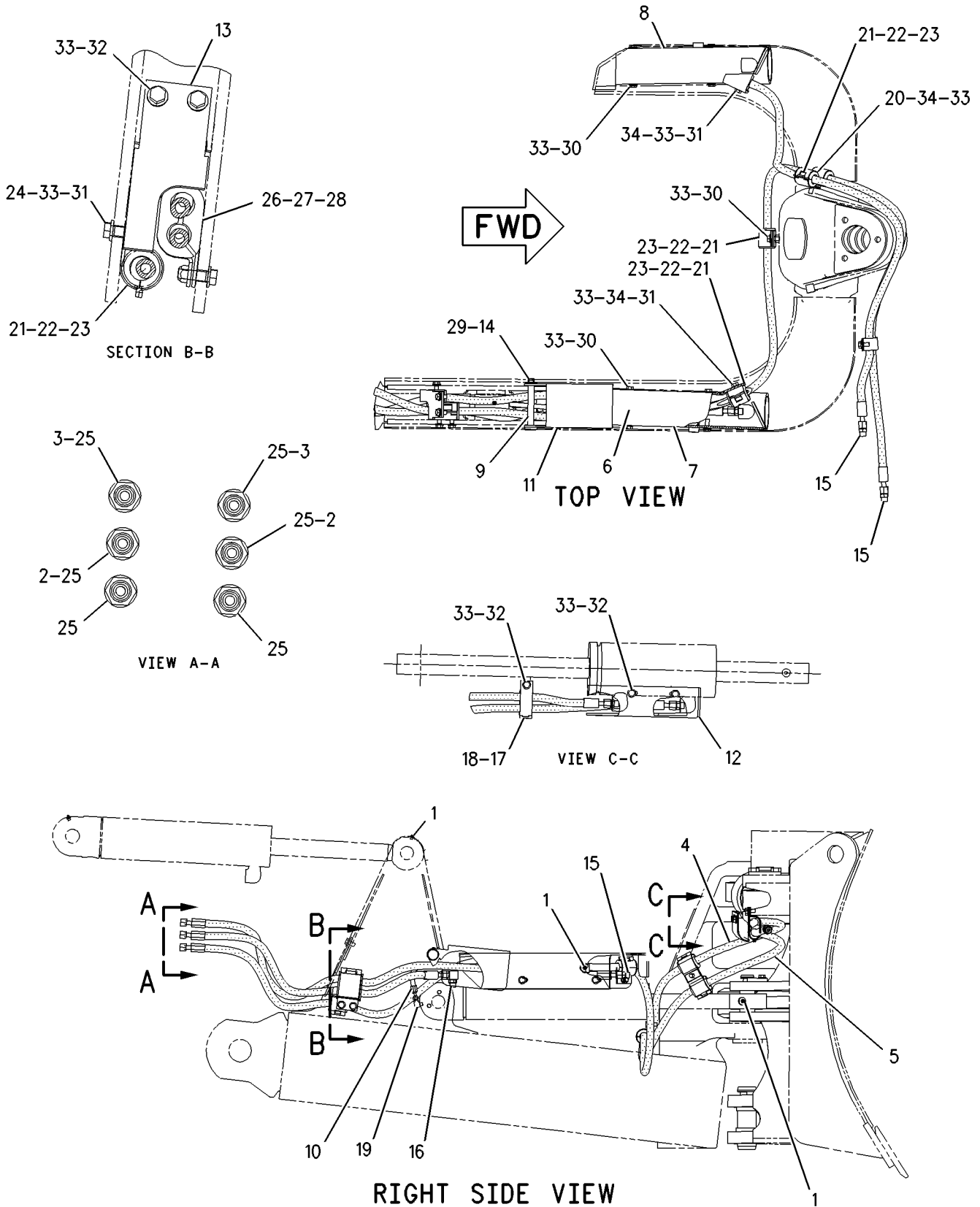
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3B-8489	8	FITTING-GREASE (1/8-27 THD) (ANGLE & TILT CYLINDERS)						
I	2	1	112-7454	2	HOSE AS						
I	3	1	112-7455	2	HOSE AS						
I	4	1	112-7456	1	HOSE AS						
I	5	1	112-7457	1	HOSE AS						
	6	1	167-7270	4	FILM-INSTRUCTION (NO STEP)						
	7	1	222-2773	1	CHANNEL AS (RH)						
	8	1	222-2774	1	CHANNEL AS (LH)						
	9	1	197-2477	2	PIN						
I	10	1	197-2479	2	HOSE AS						
	11	1	198-6217	2	GUARD						
	12	1	200-2645	1	GUARD AS						
	13	1	204-5093	2	PLATE						
	14	1	096-7033	2	PIN-COTTER						
	15	1	148-8340	4	CONNECTOR GP (EACH INCLUDES)						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8398	1	SEAL-O-RING						
		1	6V-8639	1	CONNECTOR						
	16	1	148-8364	2	ELBOW AS (EACH INCLUDES)						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8398	1	SEAL-O-RING						
		1	6V-8625	1	ELBOW						
	17	1	2P-6470	1	CLIP (SLOT)						
	18	1	2P-6471	1	CLIP (TAB)						
	19	1	3B-6552	2	ELBOW						
M	20	1	3E-4319	1	STUD-TAPERLOCK (M12-1.75X55 OAL)						
	21	1	5P-7466	7	CLIP (SLOT)						
	22	1	5P-7467	7	CLIP (TAB)						
	23	1	5P-8112	7	GROMMET						
M	24	1	6V-7687	6	LOCKNUT (M12X1.75 THD)						
	25	1	6V-8398	6	SEAL-O-RING						
	26	1	7G-3832	2	GROMMET						
	27	1	7G-3833	2	CLIP (TAB)						
	28	1	7G-3834	2	CLIP (SLOT)						
	29	1	7Y-1858	2	WASHER (21X37X3MM THK)						
M	30	1	8T-4139	9	BOLT (M12X1.75X30MM)						
M	31	1	8T-4183	8	BOLT (M12X1.75X40MM)						
M	32	1	8T-4192	7	BOLT (M12X1.75X25MM)						
	33	1	8T-4223	27	WASHER-HARD (13.5X25.5X3MM THK)						
M	34	1	8T-4244	3	NUT (M12X1.75 THD)						

I - SEE HOSE FABRICATION GUIDE
M - METRIC PART

HYDRAULIC SYSTEM

110-6113 LINES GP-ANGLE & TILT (contd.)

i01893115



GRAPHIC #1

<END>

g00885186

HYDRAULIC SYSTEM

163-0761 LINES GP-ANGLE & TILT

S/N: CCK1-UP

PART OF 189-4623 HYDRAULIC AR

SMCS-5057, 5101, 5104

i01883497

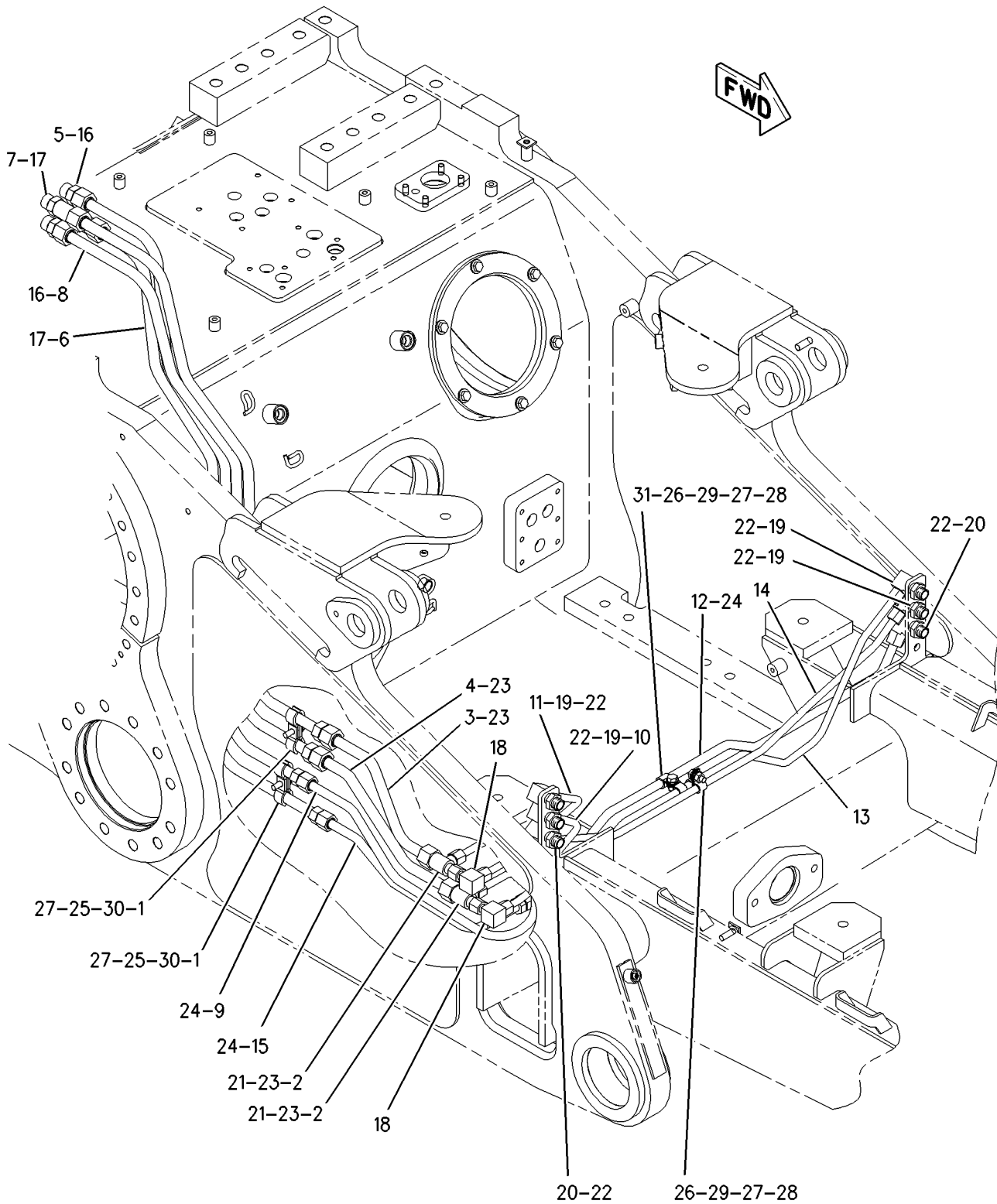
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5K-2697	4	CLIP						
	2	1	8T-0248	2	TEE						
	3	1	113-8248	1	TUBE AS						
	4	1	113-8249	1	TUBE AS						
	5	1	169-6187	1	TUBE AS						
	6	1	169-6189	1	TUBE AS						
	7	1	169-6192	1	TUBE AS						
	8	1	169-6197	1	TUBE AS						
	9	1	172-8537	1	TUBE AS						
	10	1	172-8538	1	TUBE AS						
	11	1	172-8539	1	TUBE AS						
	12	1	172-8540	1	TUBE AS						
	13	1	172-8541	1	TUBE AS						
	14	1	172-8542	1	TUBE AS						
	15	1	213-1053	1	TUBE AS						
	16	1	148-8327	2	CONNECTOR AS						
					(EACH INCLUDES)						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-8637	1	CONNECTOR-SEAL						
		1	6V-9746	1	SEAL-O-RING						
	17	1	148-8344	2	CONNECTOR GP						
					(EACH INCLUDES)						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-9162	1	CONNECTOR						
		1	6V-9746	1	SEAL-O-RING						
	18	1	148-8370	2	ELBOW GP						
					(EACH INCLUDES)						
		1	6V-8398	1	SEAL-O-RING						
		1	6V-9851	1	ELBOW						
	19	1	148-8375	4	ELBOW GP						
					(EACH INCLUDES)						
		1	6V-8398	2	SEAL-O-RING						
		1	6V-8981	1	ELBOW						
	20	1	164-6864	2	ELBOW AS						
					(EACH INCLUDES)						
		1	6V-8398	1	SEAL-O-RING						
		1	7J-9108	1	SEAL-O-RING						
		1	8T-1810	1	ELBOW						
	21	1	6V-8398	2	SEAL-O-RING						
	22	1	6V-9169	6	NUT-BULKHEAD (13/16-16 THD)						
	23	1	6V-9746	4	SEAL-O-RING						
	24	1	7J-9108	3	SEAL-O-RING						
	25	1	7X-7739	2	WASHER (9.7X25.4 X4MM THK)						
	26	1	8M-2770	3	CLIP						
	27	1	8T-4121	6	WASHER-HARD (11X21X2.5MM THK)						
M	28	1	8T-4133	2	NUT (M10X1.5 THD)						
M	29	1	8T-4136	2	BOLT (M10X1.5X25MM)						
M	30	1	8T-4196	2	BOLT (M10X1.5X35MM)						
	31	1	9M-8406	1	CLIP						

M-METRIC PART

HYDRAULIC SYSTEM

163-0761 LINES GP-ANGLE & TILT (contd.)

i01883497



GRAPHIC #1

<END>

g00956371

HYDRAULIC SYSTEM

198-5180 LINES GP-HYDRAULIC-REMOTE DIAGNOSTICS

S/N: CCK1-UP

PART OF 189-4623 HYDRAULIC AR

SMCS-5057

i01834300

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8T-4121	9	WASHER-HARD (11X21X2.5MM THK)						
M	2	1	8T-4133	4	NUT (M10X1.5 THD)						
	3	1	6V-0852	9	CAP-DUST (DIAGNOSTICS PANEL)						
	4	1	164-5567	9	FITTING GP						
		1	3J-1907	1	SEAL-O-RING						
	5	1	187-3547	2	FITTING						
	6	1	187-9008	2	CAP-DUST (DIAGNOSTICS PANEL)						
	7	1	191-1422	1	BRACKET AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5 THD)						
	8	1	200-2191	1	BRACKET AS						
M		1	7X-2478	2	NUT-WELD						
M		1	8T-3490	1	NUT-WELD (M10X1.5 THD)						
I	9	1	208-5100	1	HOSE AS						
I	10	1	208-5417	1	HOSE AS						
	11	1	214-4558	1	BRACKET AS						
M		1	8T-5413	1	STUD-WELD (M10X1.5X25MM OAL)						
M	12	1	8T-4136	4	BOLT (M10X1.5X25MM)						
	13	1	8T-4224	2	WASHER-HARD (8.8X16X2MM THK)						
M	14	1	8T-4908	2	BOLT (M8X1.25X25MM)						
M	15	1	8T-6466	1	BOLT (M10X1.50X60MM)						
	16	1	8T-9358	11	CONNECTOR						
BD	17	1	5N-8360		CONDUIT-FLEXIBLE						
BD	18	1	5N-8359		CONDUIT-FLEXIBLE						
	19	1	225-4991	1	BRACKET AS						
M		1	8T-5413	1	STUD-WELD (M10X1.5X25MM OAL)						
	20	1	033-8248	1	CLIP						
	21	1	137-9629	1	HOSE AS						
	22	1	148-8319	1	CONNECTOR GP						
		1	2M-9780	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8715	1	CONNECTOR						
	23	1	148-8326	1	CONNECTOR GP						
		1	3J-7354	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-9872	1	CONNECTOR						
	24	1	148-8361	1	ELBOW GP						
		1	3J-7354	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-9200	1	ELBOW						
	25	1	148-8363	1	ELBOW GP						
		1	3K-0360	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-9876	1	ELBOW						
	26	1	148-8367	1	ELBOW GP						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-9850	1	ELBOW-SWIVEL						
	27	1	148-8378	3	ELBOW AS						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8724	1	ELBOW						
	28	1	148-8415	1	REDUCER GP						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8936	1	REDUCER						
	29	1	164-7908	1	ELBOW GP						
		1	3J-7354	1	SEAL-O-RING						

HYDRAULIC SYSTEM

198-5180 LINES GP-HYDRAULIC (contd.)

i01834300

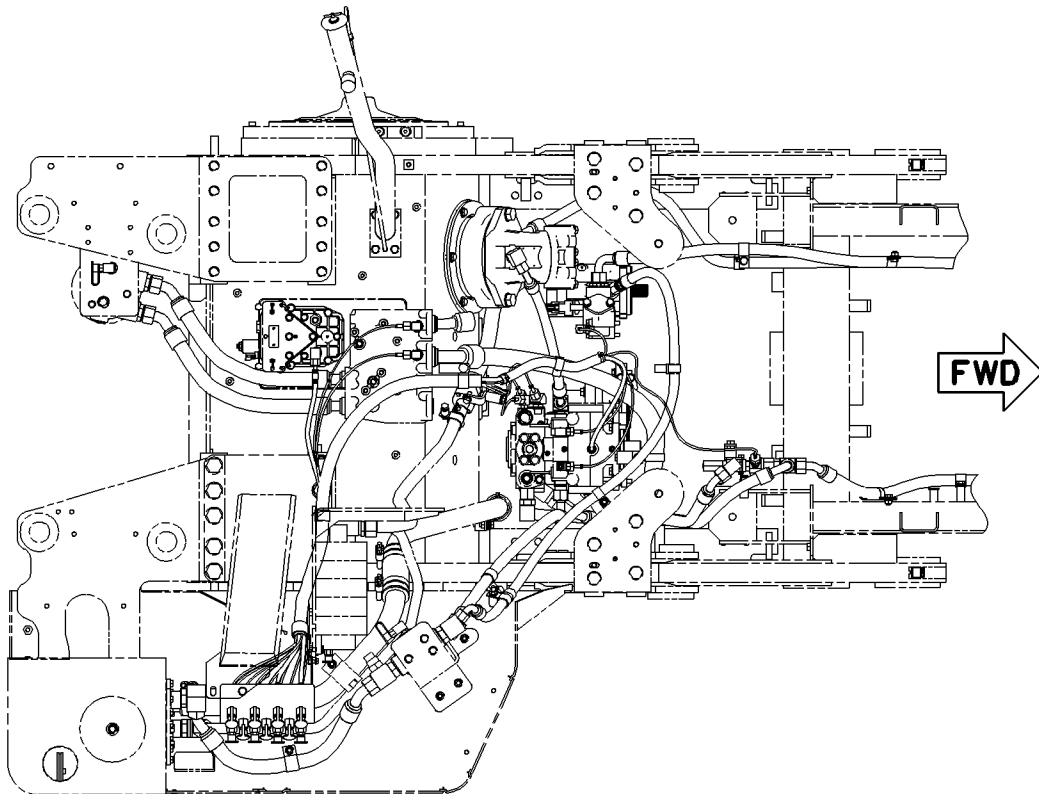
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	6V-8397	1	SEAL-O-RING						
		1	8T-7546	1	ELBOW						
	30	1	198-9004	1	FILM (DIAGNOSTICS PANEL D/S)						
	31	1	204-5379	2	HOSE AS						
	32	1	204-5380	2	HOSE AS						
	33	1	210-0691	2	HOSE AS						
	34	1	215-7487	2	HOSE AS						
	35	1	3S-2093	2	STRAP-CABLE						
	36	1	4D-7388	1	CLIP						
	37	1	5N-2840	1	CLIP						
	38	1	5P-2369	1	CLIP						
	39	1	5P-7854	1	CLIP						
	40	1	6V-8397	11	SEAL-O-RING						
	41	1	6V-9168	11	NUT (11/16-16 THD)						
	42	1	7C-4354	1	CLIP						
	43	1	8G-6557	1	SPACER (10.5X25X40MM THK)						

B-USE AS REQUIRED
D-ORDER BY THE METER
I-SEE HOSE FABRICATION GUIDE
M-METRIC PART

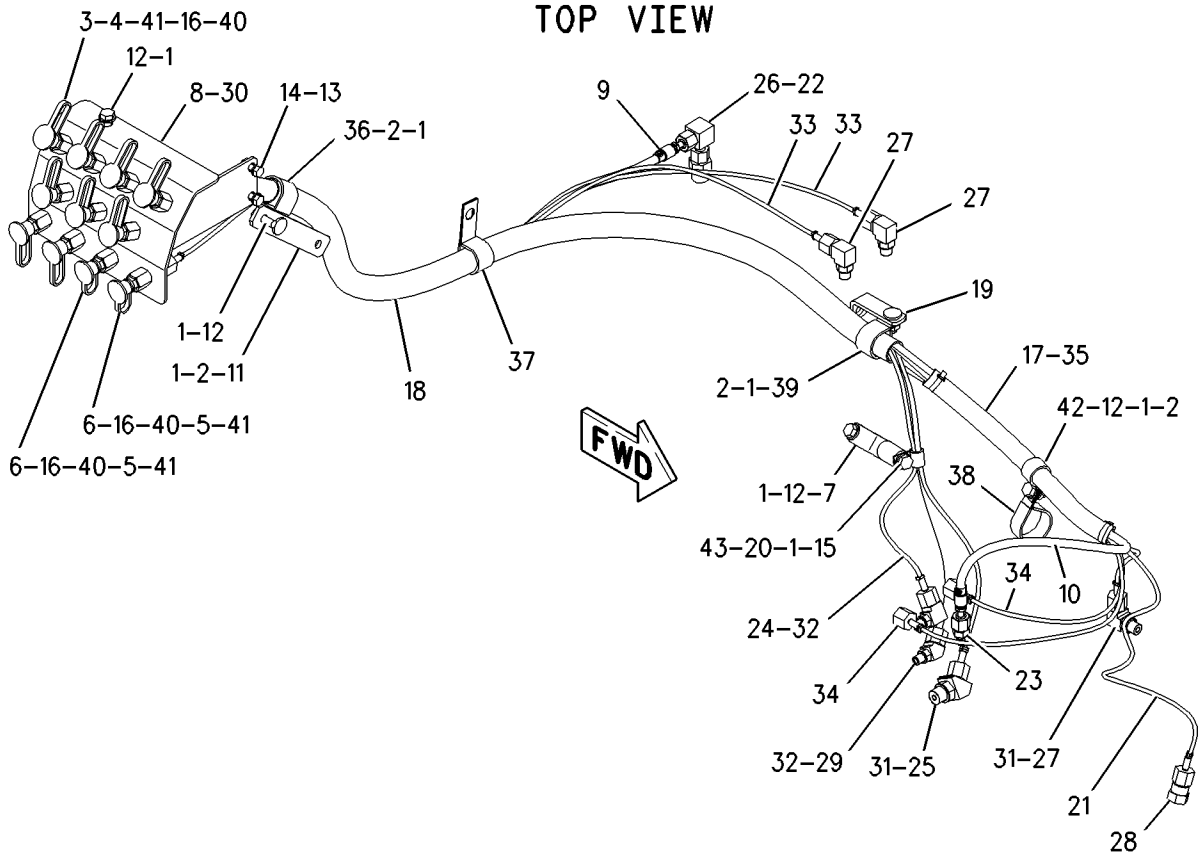
HYDRAULIC SYSTEM

198-5180 LINES GP-HYDRAULIC (contd.)

i01834300



TOP VIEW



GRAPHIC #1

<END>

g00940080

HYDRAULIC SYSTEM

220-0896 LINES GP-LIFT CYLINDER-CAB-FRAME

S/N: CCK1-UP

PART OF 189-4623 HYDRAULIC AR

SMCS-5057, 5102

i01828623

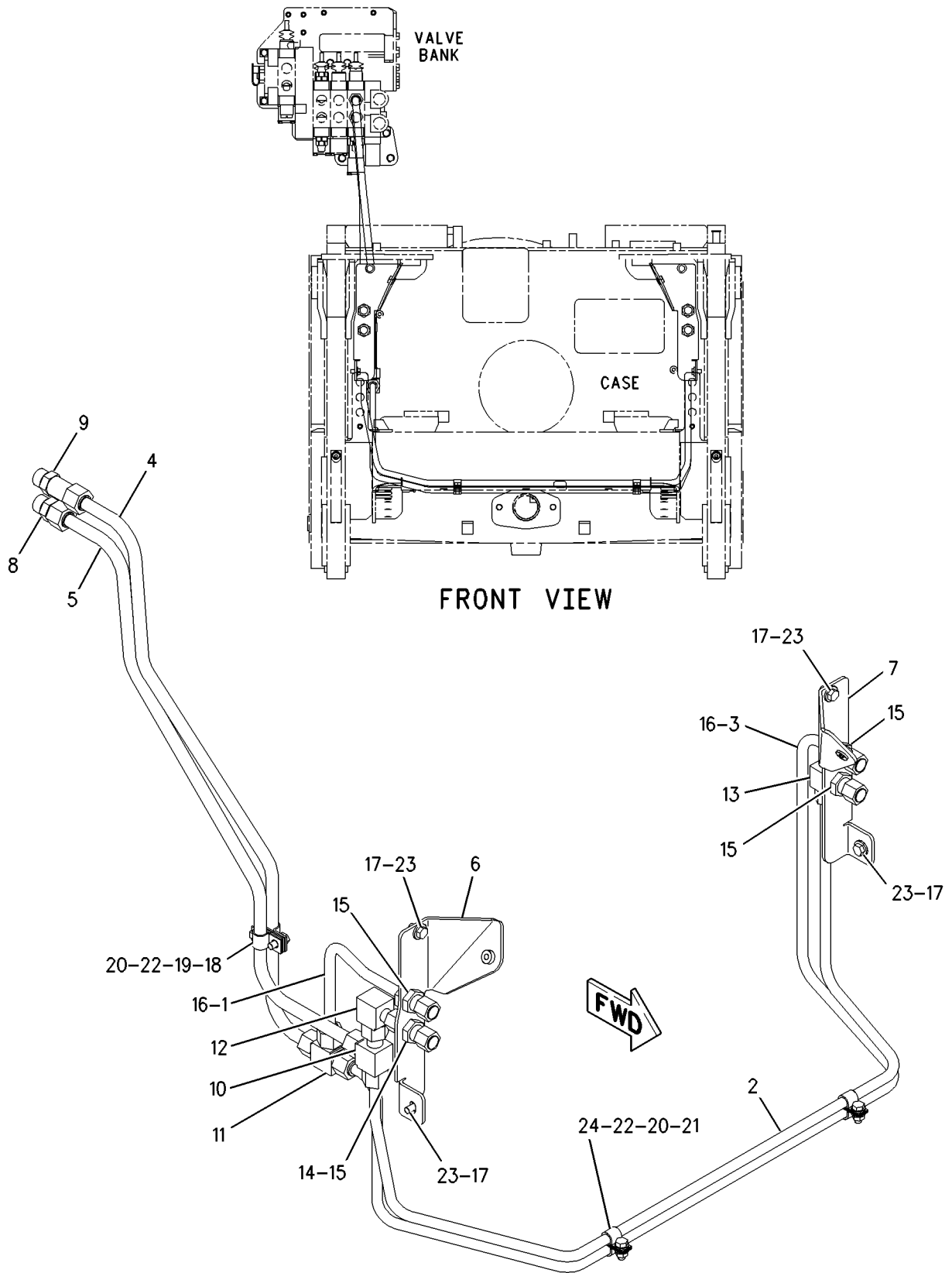
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	220-0899	1	TUBE AS						
	2	1	220-0900	1	TUBE AS						
	3	1	220-0901	1	TUBE AS						
	4	1	220-0902	1	TUBE AS						
	5	1	220-0903	1	TUBE AS						
	6	1	220-0904	1	BRACKET AS						
		1	9R-2821	1	BOSS (M10X15MM)						
	7	1	220-0905	1	BRACKET AS						
		1	9R-2821	1	BOSS (M10X15MM)						
	8	1	148-8327	1	CONNECTOR AS						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-8637	1	CONNECTOR-SEAL						
		1	6V-9746	1	SEAL-O-RING						
	9	1	148-8344	1	CONNECTOR GP						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-9162	1	CONNECTOR						
		1	6V-9746	1	SEAL-O-RING						
	10	1	148-8449	1	TEE GP-SWIVEL						
		1	6V-9746	2	SEAL-O-RING						
		1	6V-9839	1	TEE-SWIVEL						
	11	1	148-8451	1	TEE GP						
		1	6V-8791	1	TEE-FACE SEAL						
		1	6V-9746	3	SEAL-O-RING						
	12	1	150-3035	1	ELBOW AS						
		1	6V-9746	1	SEAL-O-RING						
		1	8T-1718	1	ELBOW						
	13	1	169-7404	1	ELBOW AS						
		1	6V-8982	1	ELBOW						
		1	7J-9108	2	SEAL-O-RING						
	14	1	169-7409	1	UNION AS						
		1	6V-8996	1	UNION-BULKHEAD						
		1	7J-9108	2	SEAL-O-RING						
	15	1	6V-9170	4	NUT-BULKHEAD (1-14 THD)						
	16	1	7J-9108	2	SEAL-O-RING						
	17	1	7X-7729	4	WASHER (11X25X3MM THK)						
	18	1	8T-1887	2	CLIP (SLOT)						
	19	1	8T-1888	2	CLIP (TAB)						
	20	1	8T-4121	5	WASHER-HARD (11X21X2.5MM THK)						
M	21	1	8T-4133	2	NUT (M10X1.5 THD)						
M	22	1	8T-4136	3	BOLT (M10X1.5X25MM)						
M	23	1	8T-4137	4	BOLT (M10X1.5X20MM)						
	24	1	9M-8406	4	CLIP						

M-METRIC PART

HYDRAULIC SYSTEM

220-0896 LINES GP-LIFT CYLINDER (contd.)

i01828623



GRAPHIC #1

<END>

g00956641

HYDRAULIC SYSTEM

220-0897 LINES GP - LIFT CYLINDER-BULLDOZER

S/N: B6X1-UP

PART OF 223-6303 BULLDOZER AR
AN ATTACHMENT

SMCS-5057, 5102

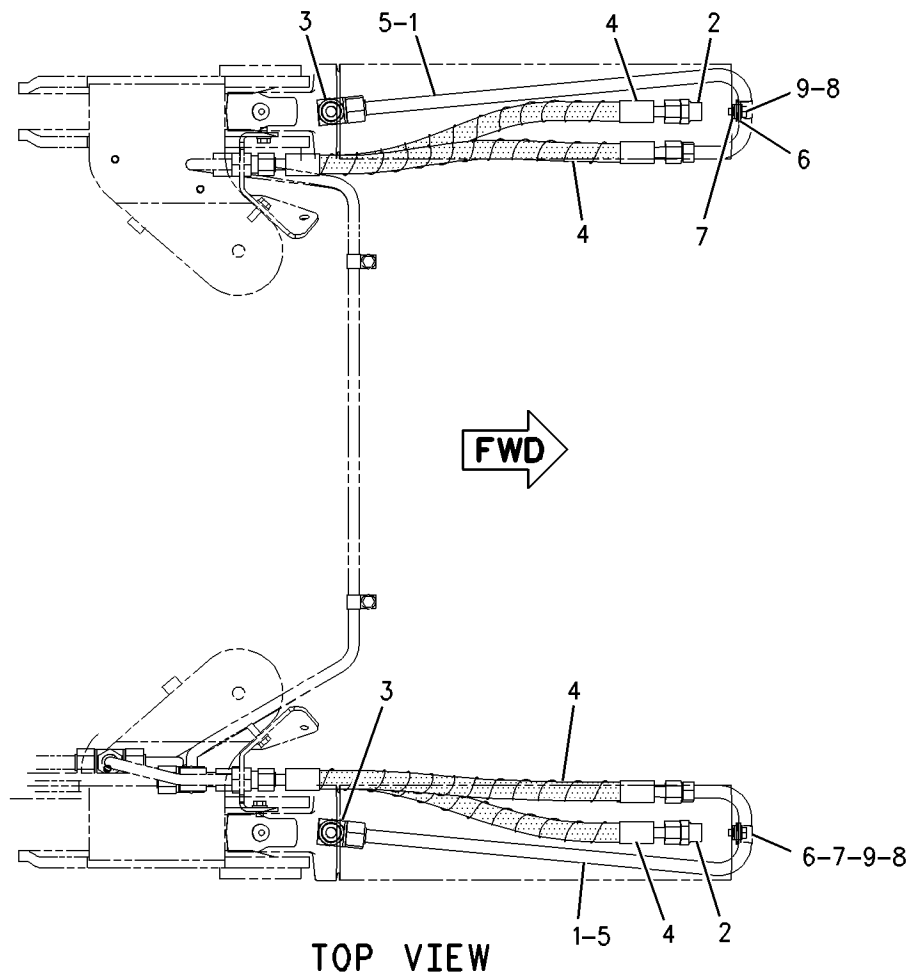
i01831049

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	113-9309	2	TUBE AS						
	2	1	<i>148-8341</i>	2	CONNECTOR GP						
					(EACH INCLUDES)						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-8713	1	CONNECTOR						
		1	7J-9108	1	SEAL-O-RING						
	3	1	<i>148-8347</i>	2	ELBOW GP						
					(EACH INCLUDES)						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-9007	1	ELBOW						
		1	6V-9746	1	SEAL-O-RING						
I	4	1	220-0906	4	HOSE AS						
	5	1	7J-9108	2	SEAL-O-RING						
	6	1	8T-1887	2	CLIP (SLOT)						
	7	1	8T-1888	2	CLIP (TAB)						
	8	1	8T-4121	6	WASHER-HARD (11X21X2.5MM THK)						
M	9	1	8T-4137	2	BOLT (M10X1.5X20MM)						
I - SEE HOSE FABRICATION GUIDE											
M - METRIC PART											

HYDRAULIC SYSTEM

220-0897 LINES GP-LIFT CYLINDER (contd.)

i01831049



TOP VIEW

<END>

GRAPHIC #1

g00937883

HYDRAULIC SYSTEM

227-0756 LINES GP - LIFT CYLINDER—SEMI - UNIVERSAL BULLDOZER

S/N: S6D1-UP; S6S1-UP

PART OF 206-9537, 206-9544 BULLDOZER AR-SEMI-UNIVERSAL
AN ATTACHMENT

SMCS-5057, 5102

i01877307

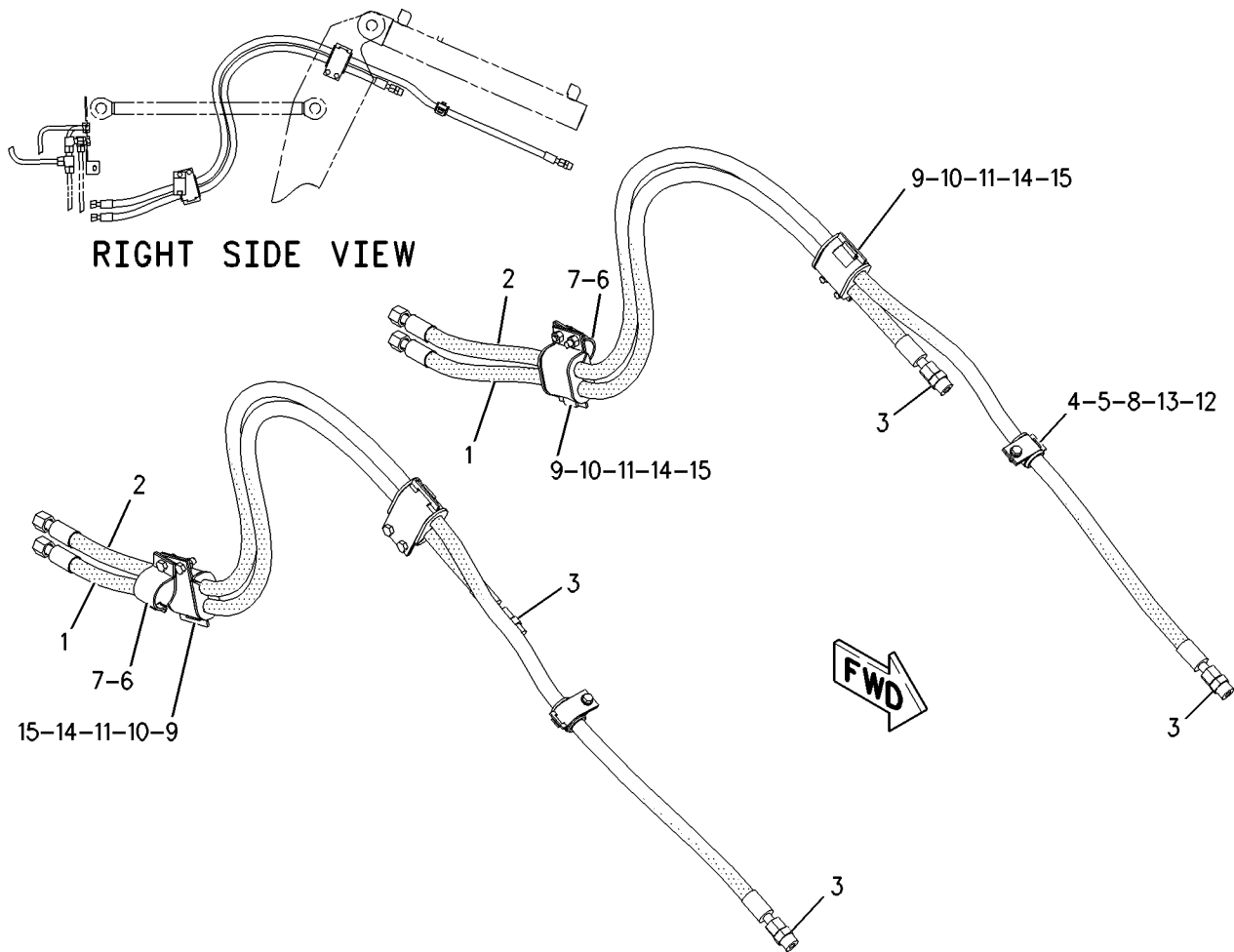
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	227-0758	2	HOSE AS						
I	2	1	230-0815	2	HOSE AS						
	3	1	148-8341	4	CONNECTOR GP						
					(EACH INCLUDES)						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-8713	1	CONNECTOR						
		1	7J-9108	1	SEAL-O-RING						
	4	1	5P-7464	2	CLIP (SLOT)						
	5	1	5P-7465	2	CLIP (TAB)						
	6	1	5P-7468	2	CLIP (SLOT)						
	7	1	5P-7469	2	CLIP (TAB)						
	8	1	6V-7359	2	GROMMET						
	9	1	7G-3833	4	CLIP (TAB)						
	10	1	7G-3834	4	CLIP (SLOT)						
	11	1	8C-3174	4	GROMMET						
	12	1	8T-4121	2	WASHER-HARD (11X21X2.5MM THK)						
M	13	1	8T-4136	2	BOLT (M10X1.5X25MM)						
M	14	1	8T-4139	8	BOLT (M12X1.75X30MM)						
M	15	1	8T-4244	8	NUT (M12X1.75 THD)						

I - SEE HOSE FABRICATION GUIDE
M - METRIC PART

HYDRAULIC SYSTEM

227-0756 LINES GP-LIFT CYLINDER (contd.)

i01877307



GRAPHIC #1

<END>

g00938371

HYDRAULIC SYSTEM

218-4304 LINES GP - PILOT-CAB-PLATFORM

S/N: CCK1-UP

PART OF 217-3819 CAB GP, 218-3064 PLATFORM GP
ALSO AN ATTACHMENT

SMCS-5057

i01835052

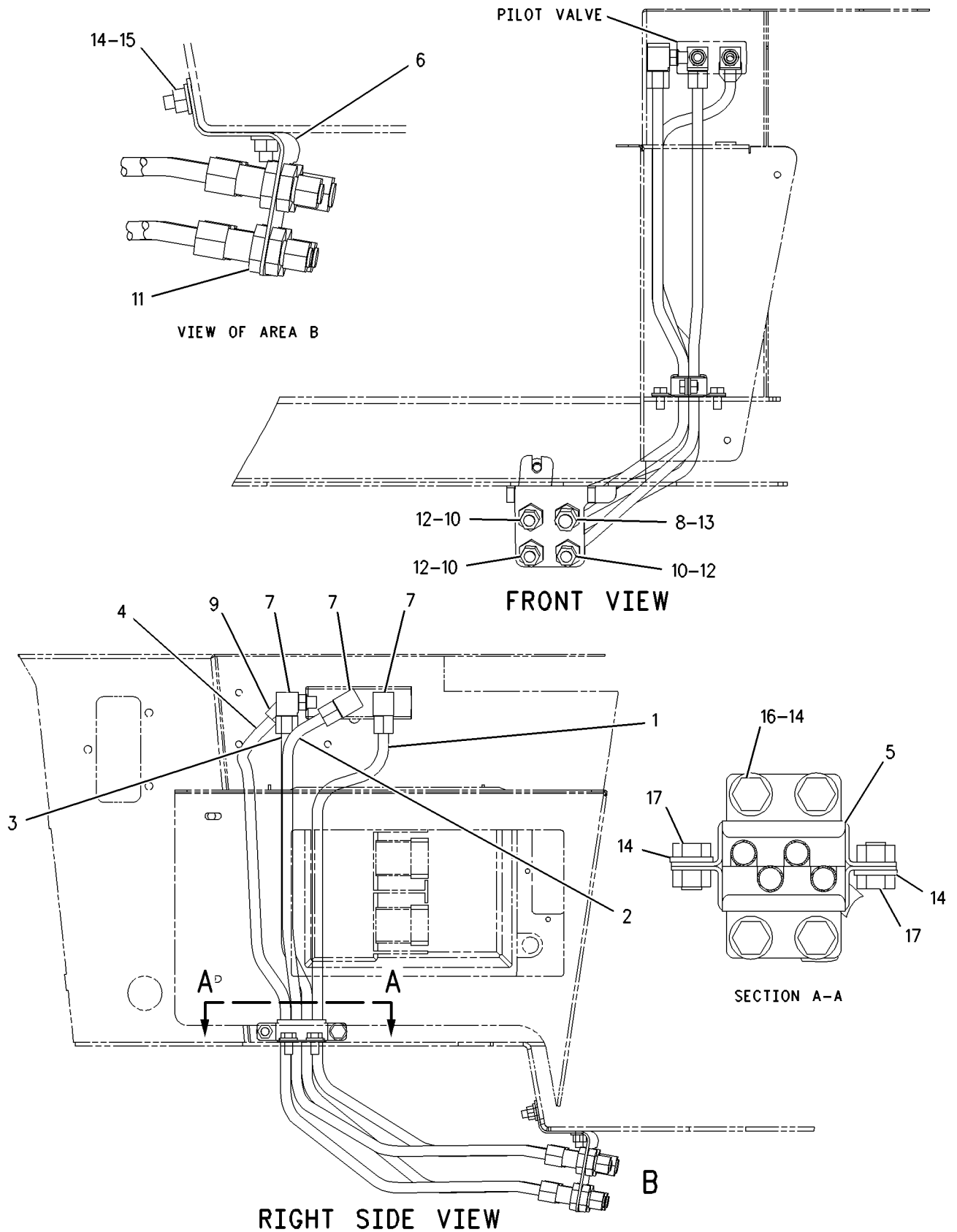
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	196-3935	1	TUBE AS						
	2	1	196-3936	1	TUBE AS						
	3	1	196-3937	1	TUBE AS						
	4	1	196-3938	1	TUBE AS						
	5	1	199-5973	2	BRACKET AS						
					(EACH INCLUDES)						
M		1	8T-4133	1	NUT (M10X1.5 THD)						
	6	1	199-5974	1	BRACKET						
	7	1	148-8365	3	ELBOW GP						
					(EACH INCLUDES)						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8398	1	SEAL-O-RING						
		1	8T-6876	1	ELBOW						
	8	1	148-8457	1	UNION GP						
		1	6V-8398	2	SEAL-O-RING						
		1	6V-8995	1	UNION-BULKHEAD						
	9	1	164-5624	1	ELBOW GP						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8398	1	SEAL-O-RING						
		1	9X-2085	1	ELBOW						
	10	1	185-3365	3	UNION AS						
					(EACH INCLUDES)						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8398	1	SEAL-O-RING						
		1	8T-0129	1	UNION-BULKHEAD						
	11	1	6V-9169	4	NUT-BULKHEAD (13/16-16 THD)						
	12	1	6V-9829	3	CAP AS						
	13	1	6V-9830	1	CAP AS						
	14	1	8T-4121	8	WASHER-HARD (11X21X2.5MM THK)						
M	15	1	8T-4133	2	NUT (M10X1.5 THD)						
M	16	1	8T-4137	4	BOLT (M10X1.5X20MM)						
M	17	1	8T-4191	2	BOLT (M10X1.5X16MM)						

M-METRIC PART

HYDRAULIC SYSTEM

218-4304 LINES GP-PILOT (contd.)

i01835052



GRAPHIC #1

<END>

g00938410

HYDRAULIC SYSTEM

220-1322 LINES GP-PILOT-FRAME

S/N: CCK1-UP

PART OF 189-4623 HYDRAULIC AR

SMCS-5057

i01834332

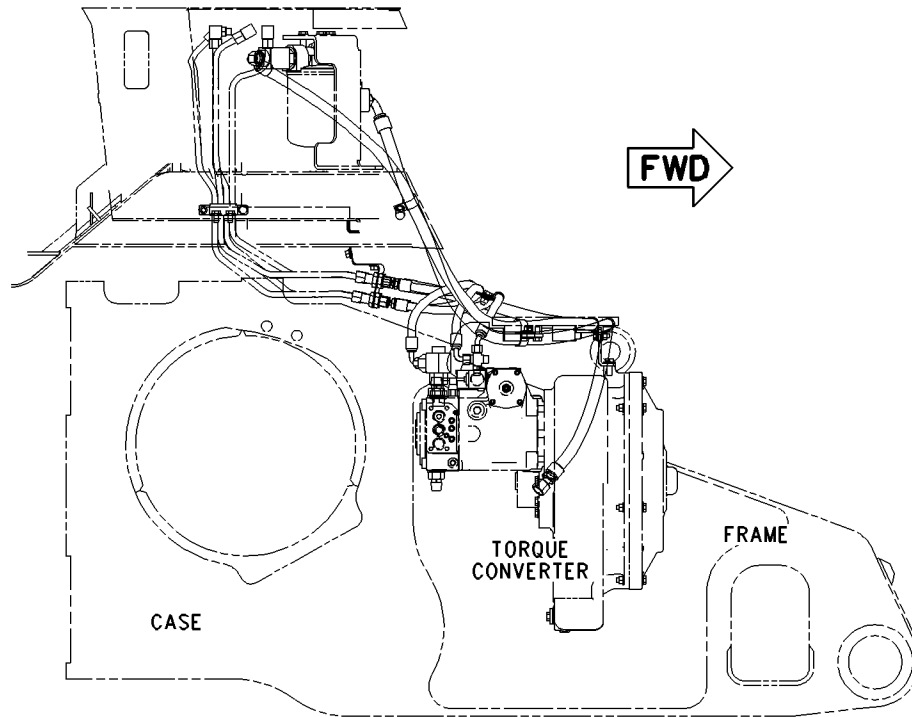
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4W-3277	1	BRACKET						
I	2	1	196-3939	1	HOSE AS						
I	3	1	196-3940	1	HOSE AS						
I	4	1	196-3941	1	HOSE AS						
I	5	1	196-3942	1	HOSE AS						
	6	1	067-2551	1	CLIP						
	7	1	<i>148-8417</i>	1	REDUCER AS						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-8941	1	REDUCER						
8		1	<i>148-8435</i>	1	TEE AS						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	2	SEAL-O-RING						
		1	6V-8781	1	TEE-FACE SEAL						
9		1	<i>148-8439</i>	1	TEE AS						
		1	3J-1907	1	SEAL-O-RING						
		1	6V-8397	2	SEAL-O-RING						
		1	6V-8774	1	TEE						
10		1	<i>148-8451</i>	1	TEE GP						
		1	6V-8791	1	TEE-FACE SEAL						
		1	6V-9746	3	SEAL-O-RING						
11		1	3D-2824	1	SEAL-O-RING						
12		1	4D-7733	1	CLIP						
13		1	6V-8556	1	NUT (1 3/16-12 THD)						
14		1	7C-4354	3	CLIP						
15		1	7X-3166	1	ADAPTER-SWIVEL						
16		1	8T-4121	4	WASHER-HARD (11X21X2.5MM THK)						
M	17	1	8T-4133	2	NUT (M10X1.5 THD)						
M	18	1	8T-4136	1	BOLT (M10X1.5X25MM)						
M	19	1	8T-4139	1	BOLT (M12X1.75X30MM)						
M	20	1	8T-4195	1	BOLT (M10X1.5X30MM)						
	21	1	8T-4223	1	WASHER-HARD (13.5X25.5X3MM THK)						

I - SEE HOSE FABRICATION GUIDE
M - METRIC PART

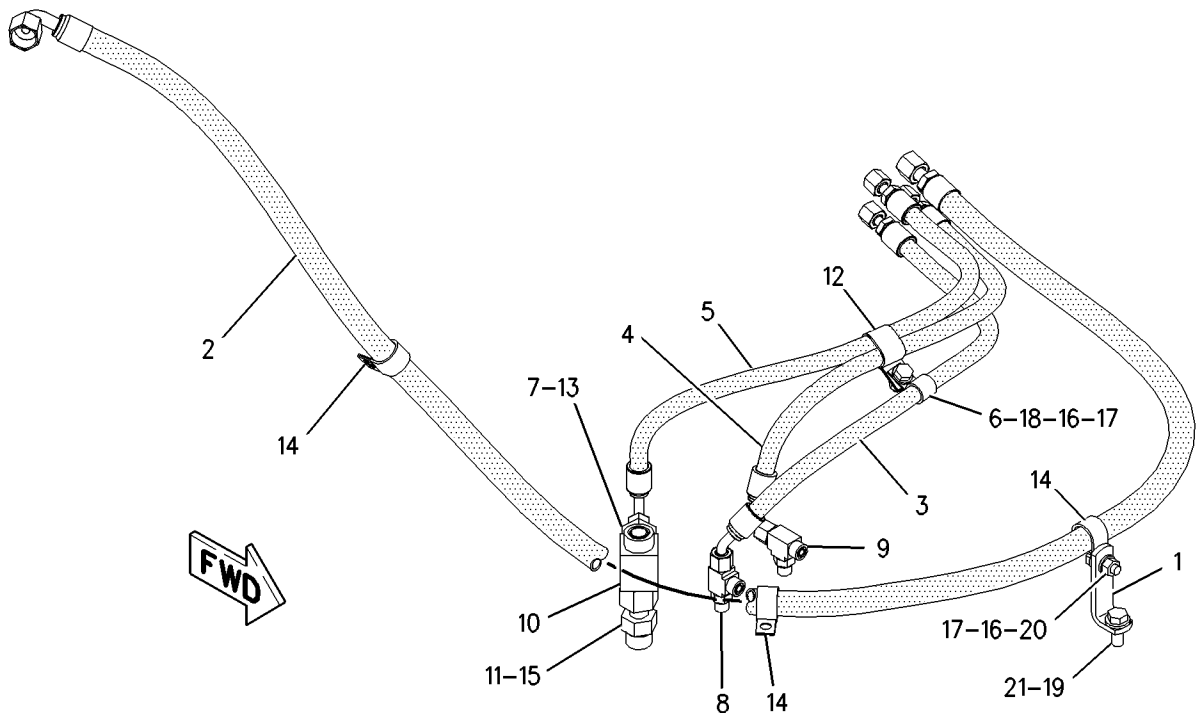
HYDRAULIC SYSTEM

220 - 1322 LINES GP-PILOT (contd.)

i01834332



RIGHT SIDE VIEW



GRAPHIC #1

<END>

g00940375

HYDRAULIC SYSTEM

191-9531 LINES GP-PUMP

S/N: CCK1-UP

PART OF 189-4623 HYDRAULIC AR

SMCS-5057

i01878058

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3T-9315	1	SPACER (13.5X19.05X29MM THK)						
	2	1	6V-0852	2	CAP-DUST (HYDRAULIC PUMP)						
	3	1	8T-4984	12	CLAMP-HOSE						
	4	1	9G-7101	1	SPACER (10.5X20X30MM THK)						
	5	1	123-8630	1	TUBE AS						
	6	1	133-6934	1	SPACER (11X20X25MM THK)						
	7	1	153-6248	1	ADAPTER GP						
		1	6V-8397	1	SEAL-O-RING						
		1	8T-6663	1	ADAPTER-PORT						
Y	8	1	169-4019	1	FILTER GP-OIL (HYDRAULIC)						358
	9	1	169-9064	1	TUBE AS						
G	10	1	194-6478	3	HOSE (6 INCHES EACH)						
Y	11	1	195-9097	1	PUMP GP-PISTON (HYDRAULIC OIL)						393
	12	1	196-1747	1	BRACKET AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5 THD)						
	13	1	196-2244	1	ELBOW						
I	14	1	196-3923	1	HOSE AS						
I	15	1	196-3924	1	HOSE AS						
	16	1	196-3927	1	TUBE						
	17	1	196-3928	1	TUBE						
	18	1	196-3929	1	TUBE AS						
	19	1	196-3930	1	TUBE AS						
I	20	1	196-3931	1	HOSE AS						
I	21	1	196-3933	1	HOSE AS						
	22	1	214-4659	1	BRACKET						
I	23	1	216-2756	1	HOSE AS						
I	24	1	216-2757	1	HOSE AS						
I	25	1	216-2762	1	HOSE AS						
	26	1	223-1395	1	BRACKET AS						
M		1	8T-5413	1	STUD-WELD (M10X1.5X25MM OAL)						
	27	1	124-8333	1	ELBOW						
	28	1	148-8326	1	CONNECTOR GP						
		1	3J-7354	1	SEAL-O-RING						
		1	6V-8397	1	SEAL-O-RING						
		1	6V-9872	1	CONNECTOR						
	29	1	148-8327	1	CONNECTOR AS						
		1	3D-2824	1	SEAL-O-RING						
M		1	6V-8337	1	BOLT-SOCKET HEAD (M8X1.25X35MM)						
		1	6V-9746	1	SEAL-O-RING						
	30	1	148-8333	1	CONNECTOR GP						
		1	6V-8400	1	SEAL-O-RING						
		1	7M-8485	1	SEAL-O-RING						
		1	8T-7927	1	CONNECTOR						
	31	1	148-8335	2	CONNECTOR AS						
					(EACH INCLUDES)						
		1	5K-9090	1	SEAL-O-RING						
		1	6V-8635	1	CONNECTOR						
		1	7M-8485	1	SEAL-O-RING						
	32	1	148-8347	1	ELBOW GP						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-9007	1	ELBOW						
		1	6V-9746	1	SEAL-O-RING						
	33	1	148-8355	1	ELBOW GP						
		1	5K-9090	1	SEAL-O-RING						
		1	7M-8485	1	SEAL-O-RING						
		1	6V-9005	1	ELBOW						

HYDRAULIC SYSTEM

191-9531 LINES GP - PUMP (contd.)

i01878058

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	34	1	148-8357	1	ELBOW GP	
		1	5K-9090	1	SEAL-O-RING	
		1	7M-8485	1	SEAL-O-RING	
		1	6V-9008	1	ELBOW	
	35	1	148-8361	1	ELBOW GP	
		1	3J-7354	1	SEAL-O-RING	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-9200	1	ELBOW	
	36	1	148-8367	1	ELBOW GP	
		1	6V-8397	1	SEAL-O-RING	
		1	6V-9850	1	ELBOW-SWIVEL	
	37	1	148-8390	1	ELBOW GP	
		1	2M-9780	1	SEAL-O-RING	
		1	6V-8626	1	ELBOW	
		1	7J-9108	1	SEAL-O-RING	
	38	1	148-8414	1	REDUCER AS	
		1	6V-8943	1	REDUCER AS	
		1	7J-9108	1	SEAL-O-RING	
	39	1	148-8422	1	TEE AS	
		1	5K-9090	1	SEAL-O-RING	
		1	6V-9746	1	SEAL-O-RING	
		1	7M-8485	1	SEAL-O-RING	
	40	1	148-8433	1	TEE GP	
		1	6V-8397	2	SEAL-O-RING	
		1	6V-9836	1	TEE-SWIVEL	
	41	1	150-4046	1	ADAPTER GP	
		1	2M-9780	1	SEAL-O-RING	
		1	5P-1404	1	ADAPTER-O-RING (STRAIGHT THREAD)	
	42	1	155-3504	1	ELBOW GP	
		1	2M-9780	1	SEAL-O-RING	
		1	6V-9003	1	ELBOW	
		1	7J-9108	1	SEAL-O-RING	
	43	1	164-5567	2	FITTING GP	
					(EACH INCLUDES)	
		1	3J-1907	1	SEAL-O-RING	
		1	6V-3965	1	FITTING AS	
	44	1	1P-3708	1	SEAL-RECTANGULAR	
	45	1	1P-4577	2	FLANGE-HALF	
	46	1	1P-5763	2	FLANGE-HALF	
	47	1	1S-0994	3	CLIP	
	48	1	2B-0941	2	SPACER (10.5X19X19MM THK)	
	49	1	3P-2404	1	CLIP	
	50	1	4D-7388	1	CLIP	
	51	1	4J-0520	2	SEAL-O-RING	
	52	1	4J-0527	1	SEAL-O-RING	
	53	1	4S-4455	1	CLIP	
	54	1	5F-3106	1	SEAL-O-RING	
	55	1	5K-9090	1	SEAL-O-RING	
	56	1	5P-1076	3	WASHER-HARD (13.5X30X4MM THK)	
	57	1	5P-7468	2	CLIP (SLOT)	
	58	1	5P-7469	2	CLIP (TAB)	
	59	1	6V-9746	1	SEAL-O-RING	
	60	1	7D-7233	1	CLIP	
	61	1	7J-9108	1	SEAL-O-RING	
	62	1	7M-8485	1	SEAL-O-RING	
M	63	1	7X-2549	2	BOLT (M12X1.75X100MM)	
	64	1	8C-3206	2	FLANGE-HALF	
	65	1	8S-0023	1	CLIP (SLOT)	
	66	1	8S-0024	1	CLIP (TAB)	

HYDRAULIC SYSTEM

191-9531 LINES GP - PUMP (contd.)

i01878058

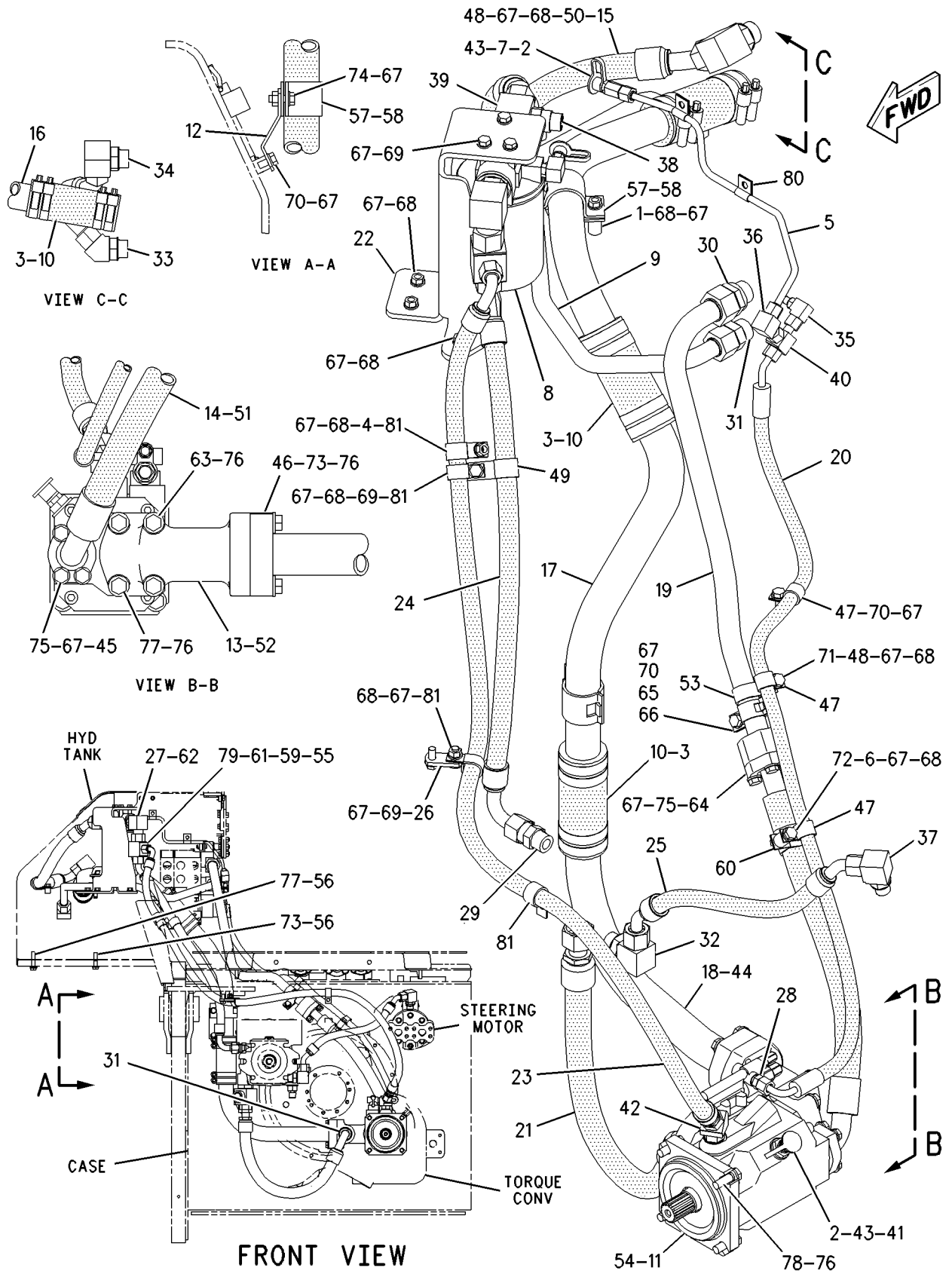
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	67	1	8T-4121	29	WASHER-HARD (11X21X2.5MM THK)						
M	68	1	8T-4133	10	NUT (M10X1.5 THD)						
M	69	1	8T-4136	5	BOLT (M10X1.5X25MM)						
M	70	1	8T-4137	3	BOLT (M10X1.5X20MM)						
M	71	1	8T-4182	1	BOLT (M10X1.5X45MM)						
M	72	1	8T-4185	1	BOLT (M10X1.5X50MM)						
M	73	1	8T-4194	6	BOLT (M12X1.75X50MM)						
M	74	1	8T-4195	1	BOLT (M10X1.5X30MM)						
M	75	1	8T-4196	8	BOLT (M10X1.5X35MM)						
	76	1	8T-4223	12	WASHER-HARD (13.5X25.5X3MM THK)						
M	77	1	8T-4910	3	BOLT (M12X1.75X60MM)						
M	78	1	8T-4956	4	BOLT (M12X1.75X35MM)						
	79	1	8T-6755	1	TEE-UNION						
	80	1	9S-1350	2	CLIP						
	81	1	9X-8250	4	CLIP						

G-ORDER BY THE INCH
 I-SEE HOSE FABRICATION GUIDE
 M-METRIC PART
 Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

191-9531 LINES GP - PUMP (contd.)

i01878058



GRAPHIC #1

<END>

g00956429

HYDRAULIC SYSTEM

163-3270 LINES GP-RIPPER-CAB

S/N: CCK1-UP

PART OF 229-2831 HYDRAULIC AR, 173-8641 HYDRAULIC AR-4 VALVE
AN ATTACHMENT

SMCS-5057, 5352, 5356

i01830396

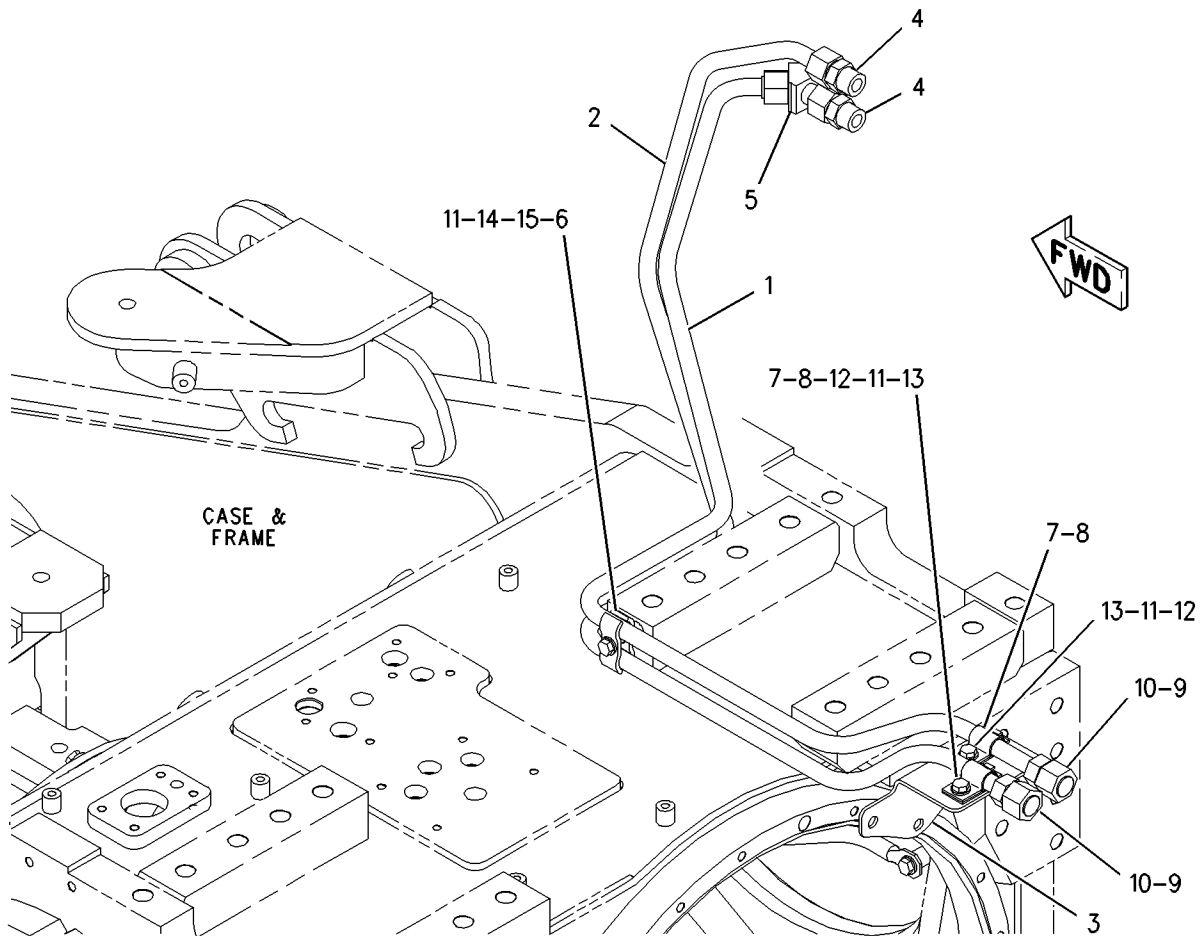
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	176-1852	1	TUBE AS						
	2	1	176-1853	1	TUBE AS						
	3	1	178-8647	1	BRACKET						
	4	1	148-8327	2	CONNECTOR AS						
					(EACH INCLUDES)						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-8637	1	CONNECTOR-SEAL						
		1	6V-9746	1	SEAL-O-RING						
	5	1	171-6723	1	ELBOW AS						
		1	8T-8899	1	ELBOW						
		1	6V-9746	1	SEAL-O-RING						
	6	1	3H-8683	2	STRAP-CLAMP						
	7	1	5R-0939	2	CLIP (TAB)						
	8	1	5R-0940	2	CLIP (SLOT)						
	9	1	6V-9746	2	SEAL-O-RING						
	10	1	6V-9832	2	CAP AS						
					(EACH INCLUDES)						
		1	6V-8556	1	NUT (1 3/16-12 THD)						
	11	1	8T-4121	5	WASHER-HARD (11X21X2.5MM THK)						
M	12	1	8T-4133	2	NUT (M10X1.5 THD)						
M	13	1	8T-4136	2	BOLT (M10X1.5X25MM)						
M	14	1	8T-4186	1	BOLT (M10X1.5X40MM)						
	15	1	127-5447	1	SPACER						

M-METRIC PART

HYDRAULIC SYSTEM

163-3270 LINES GP-RIPPER (contd.)

i01830396



GRAPHIC #1

<END>

g00918065

HYDRAULIC SYSTEM

180-4561 LINES GP-RIPPER-FRAME

S/N: TPP1-UP

PART OF 180-4560 RIPPER AR
AN ATTACHMENT

SMCS-5057, 5352, 5356

i01830815

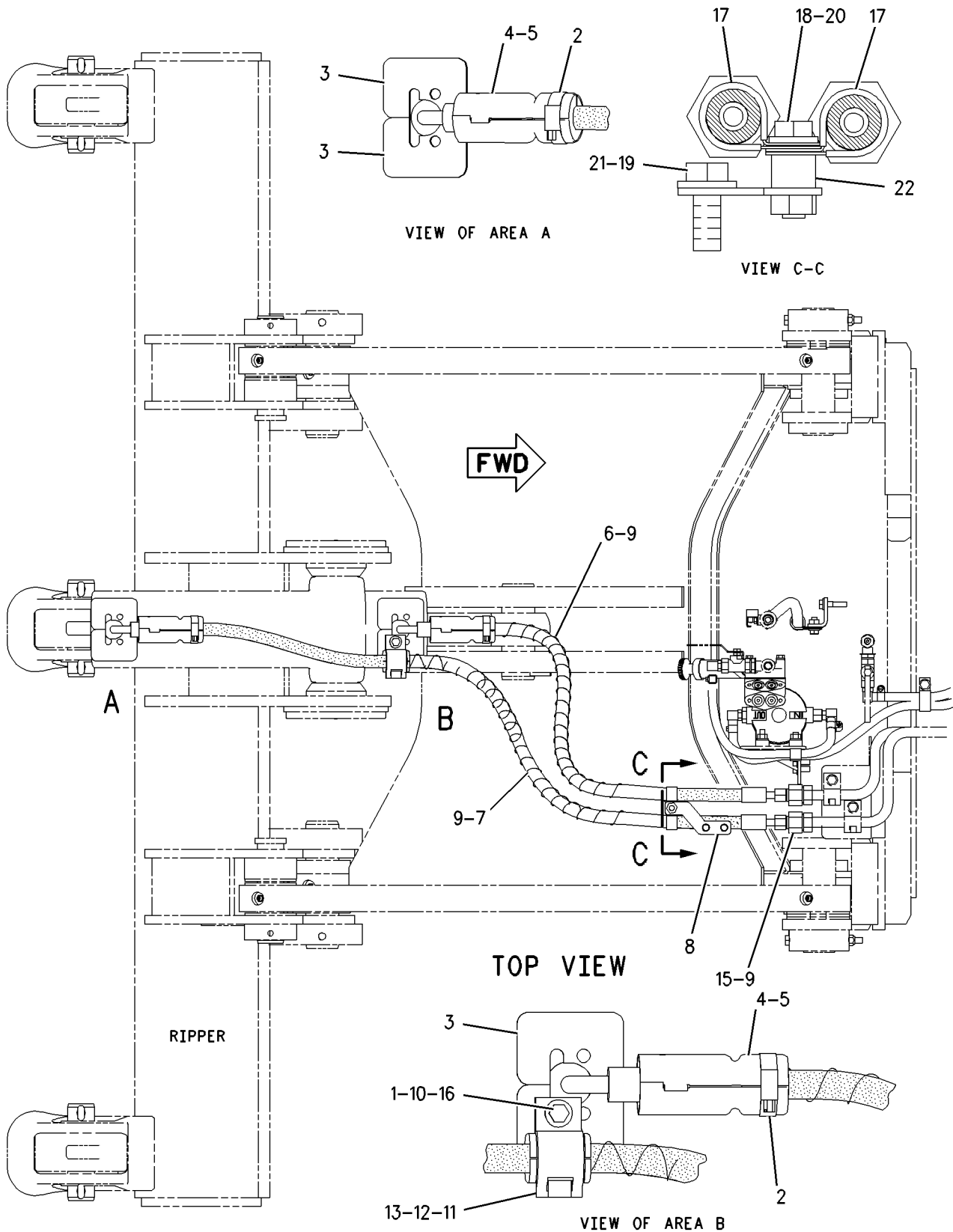
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1L-5081	1	SPACER (0.41X0.75X0.56 IN THK)						
	2	1	9M-2904	2	CLAMP-HOSE						
	3	1	112-4368	4	SHIELD						
	4	1	130-1977	4	SHIELD						
	5	1	130-9192	2	GROMMET						
I	6	1	183-4599	1	HOSE AS						
I	7	1	183-4600	1	HOSE AS						
	8	1	196-1746	1	PLATE AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5 THD)						
	9	1	4J-5267	2	SEAL-O-RING						
	10	1	5P-1075	1	WASHER-HARD (10.2X22.5X3MM THK)						
	11	1	5P-7464	1	CLIP (SLOT)						
	12	1	5P-7465	1	CLIP (TAB)						
	13	1	6V-1249	1	GROMMET						
	14	1	148-8418	2	REDUCER GP (EACH INCLUDES)						
		1	6V-8398	1	SEAL-O-RING						
		1	6V-8942	1	REDUCER-O-RING (FACE)						
	15	1	6V-8556	2	NUT (1 3/16-12 THD)						
	16	1	8T-9377	1	BOLT (3/8-16X2.25 IN)						
	17	1	7C-4354	2	CLIP						
	18	1	8T-4121	1	WASHER-HARD (11X21X2.5MM THK)						
M	19	1	8T-4139	2	BOLT (M12X1.75X30MM)						
M	20	1	8T-4196	1	BOLT (M10X1.5X35MM)						
	21	1	8T-4223	2	WASHER-HARD (13.5X25.5X3MM THK)						
	22	1	8B-8679	1	SPACER (.44X.406X.75 IN THK)						

I - SEE HOSE FABRICATION GUIDE
M - METRIC PART

HYDRAULIC SYSTEM

180-4561 LINES GP-RIPPER (contd.)

i01830815



GRAPHIC #1

<END>

g00918334

HYDRAULIC SYSTEM

115-4564 LINES GP-TILT CYLINDER

S/N: S6D1-UP; S6S1-UP

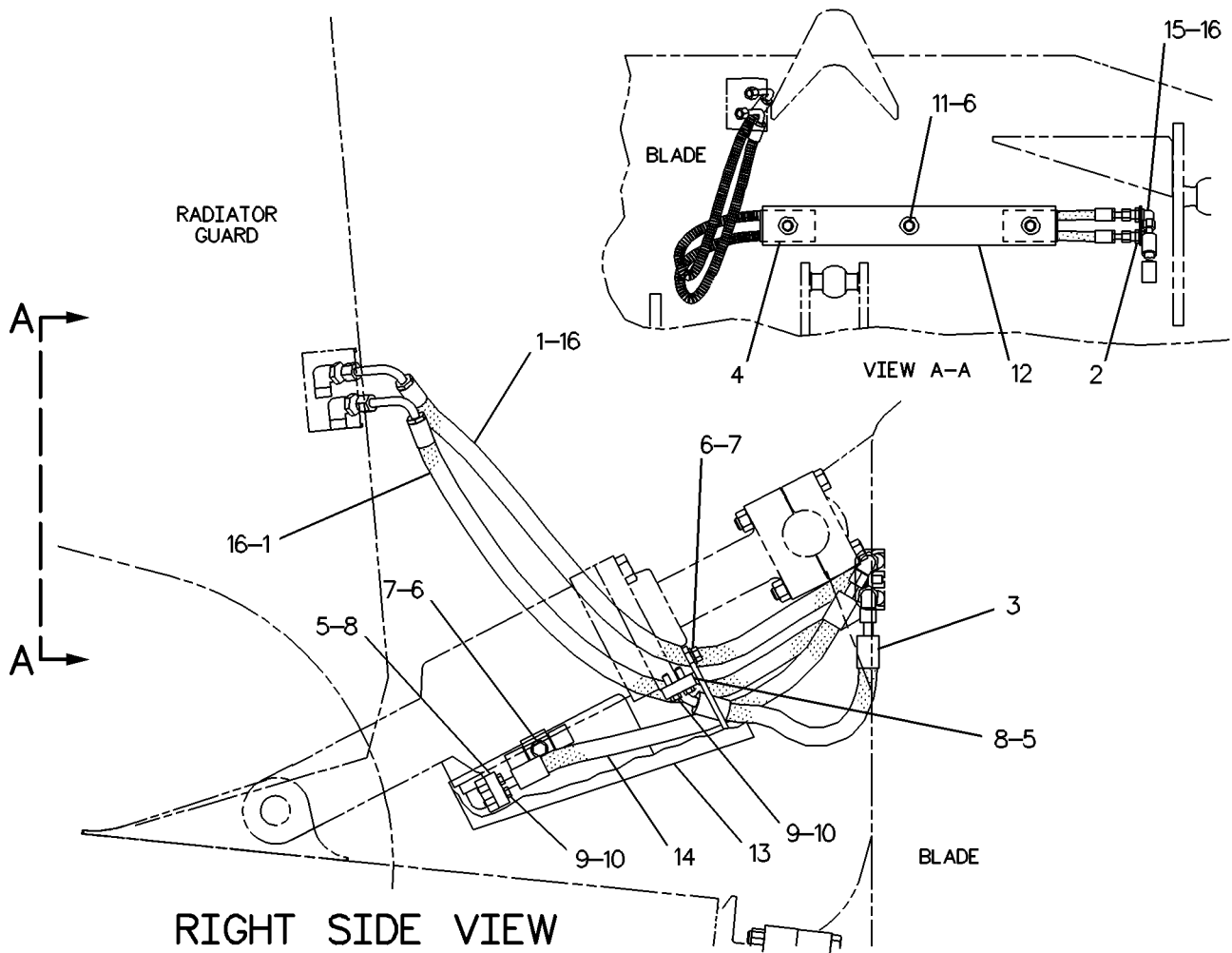
PART OF 206-9537, 206-9544 BULLDOZER AR-SEMI-UNIVERSAL
AN ATTACHMENT

SMCS-5057, 5104

i01877299

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	9U-9088	2	HOSE AS						
	2	1	6V-9169	2	NUT-BULKHEAD (13/16-16 THD)						
I	3	1	7T-6934	1	HOSE AS						
	4	1	3Y-5405	2	RUBBER						
	5	1	4J-5267	2	SEAL-O-RING						
	6	1	8T-4223	7	WASHER-HARD (13.5X25.5X3MM THK)						
	7	1	8T-4139	4	BOLT (M12X1.75X30MM)						
	8	1	8C-3205	4	FLANGE-HALF						
M	9	1	8T-4196	8	BOLT (M10X1.5X35MM)						
10	1	8T-4121	8	WASHER-HARD (11X21X2.5MM THK)							
M	11	1	8T-4192	3	BOLT (M12X1.75X25MM)						
	12	1	4T-3521	1	GUARD						
	13	1	4T-1563	1	GUARD AS						
I	14	1	7T-6931	1	HOSE AS						
	15	1	6V-8981	2	ELBOW						
	16	1	6V-8398	6	SEAL-O-RING						

I - SEE HOSE FABRICATION GUIDE
M - METRIC PART



GRAPHIC #1

<END>

g00223829

HYDRAULIC SYSTEM

169-4142 LINES GP-TILT CYLINDER

S/N: CCK1-UP

PART OF 156-9510 HYDRAULIC AR
AN ATTACHMENT

SMCS-5057, 5104

i01883520

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
M	8T-4196	3	BOLT (M10X1.5X35MM)						
	9M-9130	4	CLAMP						
	5K-2697	2	CLIP						
	6V-9162	1	CONNECTOR						
	6V-8637	1	CONNECTOR-SEAL						
	8T-1810	2	ELBOW						
	7M-3361	2	GROMMET						
	6V-9169	2	NUT-BULKHEAD (13/16-16 THD)						
	3D-2824	2	SEAL-O-RING						
	6V-9746	2	SEAL-O-RING						
	7J-9108	8	SEAL-O-RING						
	126-3695	1	TUBE AS						
	126-3696	1	TUBE AS						
	126-3698	1	TUBE AS						
	126-3699	1	TUBE AS						
	169-6187	1	TUBE AS						
	169-6189	1	TUBE AS						
	172-6650	1	TUBE AS						
	172-6653	1	TUBE AS						
	8T-4121	3	WASHER-HARD (11X21X2.5MM THK)						
			(ILLUSTRATION NOT AVAILABLE AT TIME OF PUBLICATION)						
M-METRIC PART									
			<END>						

HYDRAULIC SYSTEM

228-3554 LINES GP-TILT CYLINDER

S/N: CCK1-UP

PART OF 229-2831 HYDRAULIC AR
AN ATTACHMENT

SMCS-5057, 5104

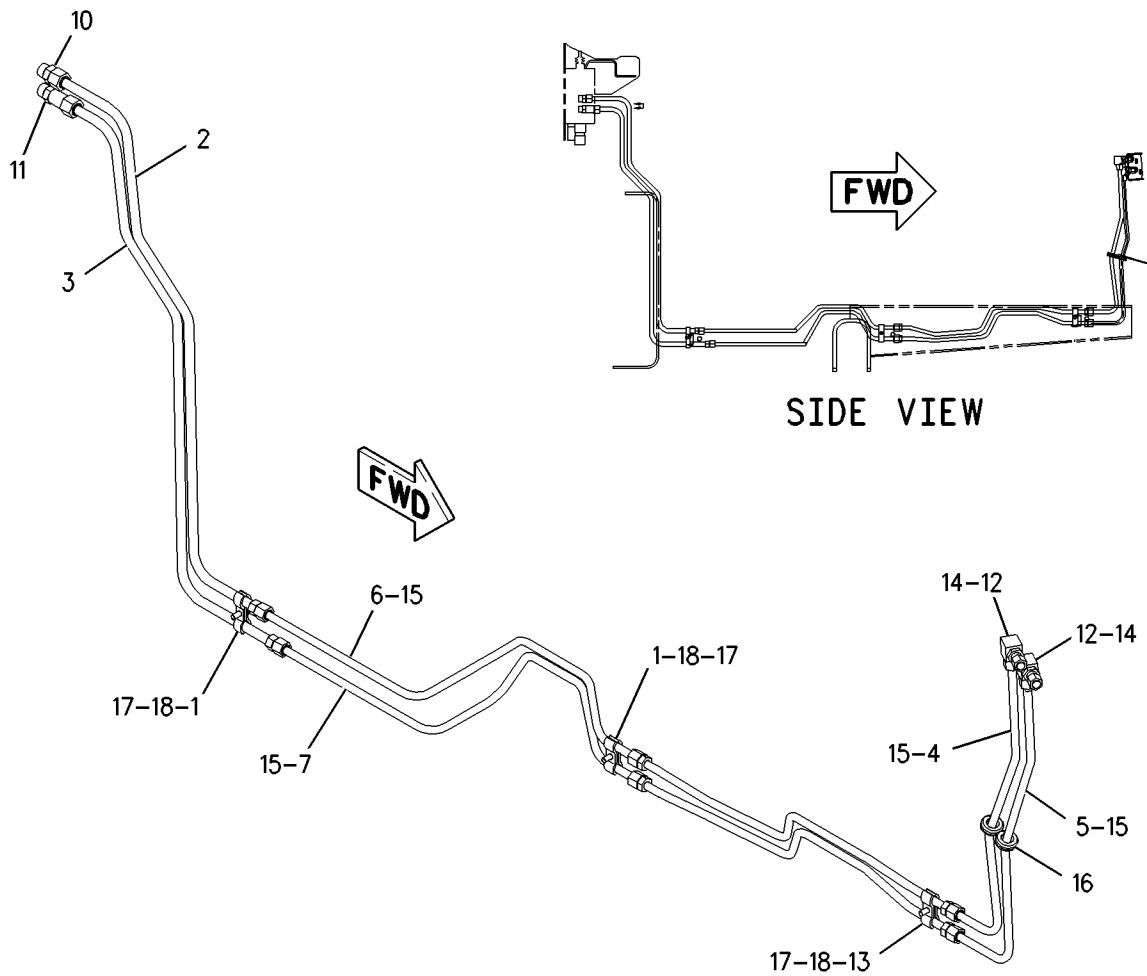
i01877590

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5K-2697	2	CLIP						
	2	1	169-6187	1	TUBE AS						
	3	1	169-6189	1	TUBE AS						
	4	1	172-6650	1	TUBE AS						
	5	1	172-6653	1	TUBE AS						
	6	1	228-2880	1	TUBE AS						
	7	1	228-2881	1	TUBE AS						
	8	1	228-2882	1	TUBE AS						
	9	1	228-2883	1	TUBE AS						
	10	1	148-8327	1	CONNECTOR AS						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-8637	1	CONNECTOR-SEAL						
		1	6V-9746	1	SEAL-O-RING						
	11	1	148-8344	1	CONNECTOR GP						
		1	3D-2824	1	SEAL-O-RING						
		1	6V-9162	1	CONNECTOR						
		1	6V-9746	1	SEAL-O-RING						
	12	1	164-6864	2	ELBOW AS						
					(EACH INCLUDES)						
		1	6V-8398	1	SEAL-O-RING						
		1	7J-9108	1	SEAL-O-RING						
		1	8T-1810	1	ELBOW						
	13	1	4S-8002	4	CLAMP						
	14	1	6V-9169	2	NUT-BULKHEAD (13/16-16 THD)						
	15	1	7J-9108	6	SEAL-O-RING						
	16	1	7M-3361	2	GROMMET						
	17	1	8T-4121	3	WASHER-HARD (11X21X2.5MM THK)						
M	18	1	8T-4196	3	BOLT (M10X1.5X35MM)						
M-METRIC PART											

HYDRAULIC SYSTEM

228 - 3554 LINES GP - TILT CYLINDER (contd.)

i01877590



GRAPHIC #1

<END>

g00938753

HYDRAULIC SYSTEM

138-7033 MOUNTING GP-CYLINDER-BULLDOZER

S/N: S6D1-UP; S6S1-UP

PART OF 206-9537, 206-9544 BULLDOZER AR-SEMI-UNIVERSAL
AN ATTACHMENT

SMCS-7562

i01877290

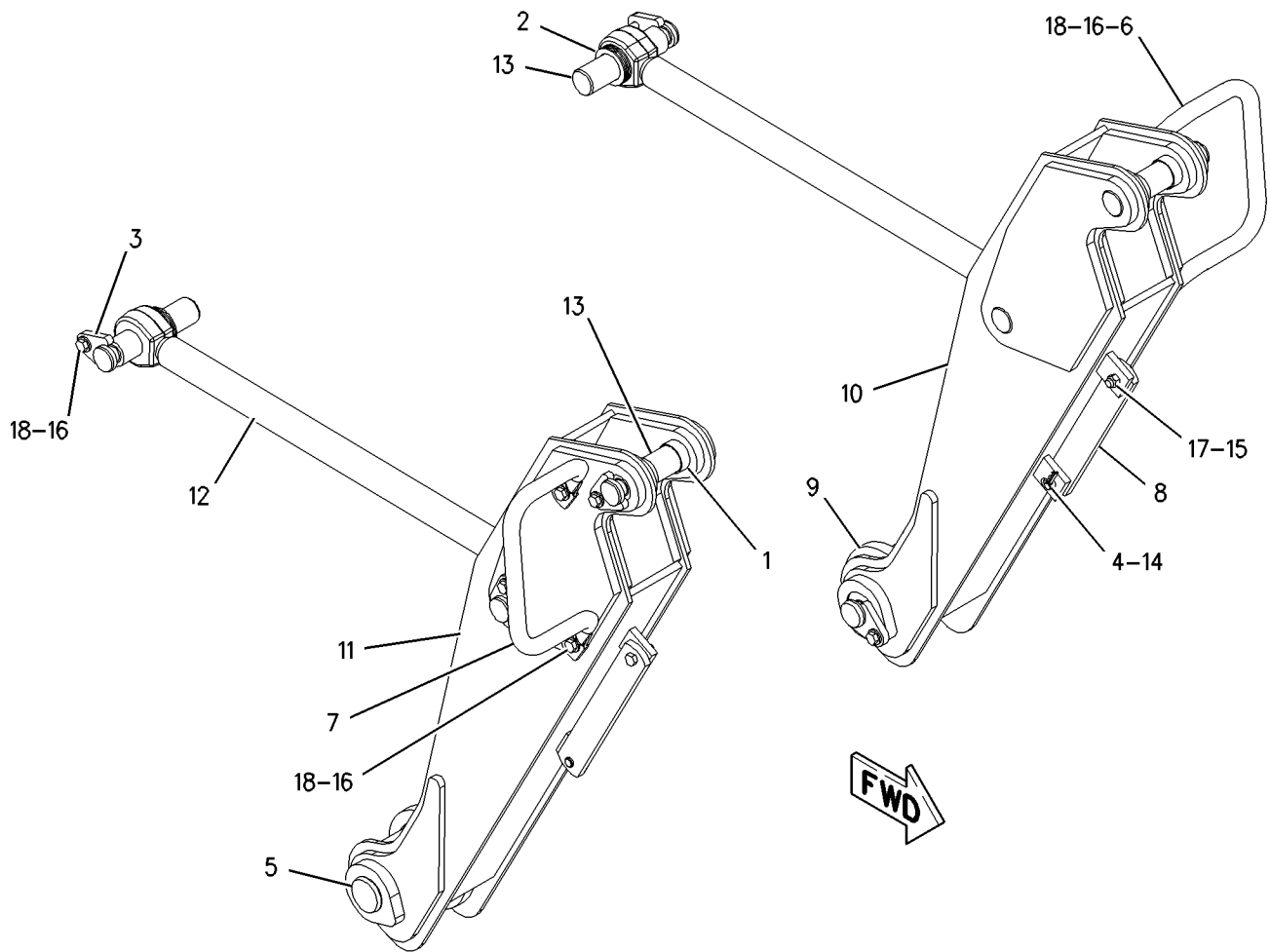
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3G-8891	4	SPACER (45X50X18MM THK)						
	2	1	4J-0805	34	WASHER (1.781X2.5X.12 IN THK)						
	3	1	4T-0231	8	RETAINER						
	4	1	6S-6646	2	PIN-COTTER						
	5	1	8G-5428	2	PIN						
J	6	1	8G-5501	1	HANDHOLD-RH						
L	7	1	8G-5502	1	HANDHOLD-LH						
	8	1	9W-9996	2	BAR						
	9	1	115-4561	2	BUSHING						
	10	1	115-4581	1	SUPPORT AS						
	11	1	115-4591	1	SUPPORT AS						
	12	1	115-4592	2	LINK AS						
	13	1	149-6309	6	PIN						
	14	1	0S-0175	2	PIN-CLEVIS						
M	15	1	6V-7687	2	LOCKNUT (M12X1.75 THD)						
M	16	1	8T-4139	12	BOLT (M12X1.75X30MM)						
M	17	1	8T-4183	2	BOLT (M12X1.75X40MM)						
	18	1	8T-4223	12	WASHER-HARD (13.5X25.5X3MM THK)						

J- LOCATED ON LH SIDE OF MACHINE
L- LOCATED ON RH SIDE OF MACHINE
M- METRIC PART

HYDRAULIC SYSTEM

138 - 7033 MOUNTING GP - CYLINDER (contd.)

i01877290



GRAPHIC #1

<END>

g00776976

HYDRAULIC SYSTEM

218-0100 MOUNTING GP-VALVE-IMPLEMENT CONTROL

S/N: CCK1-UP

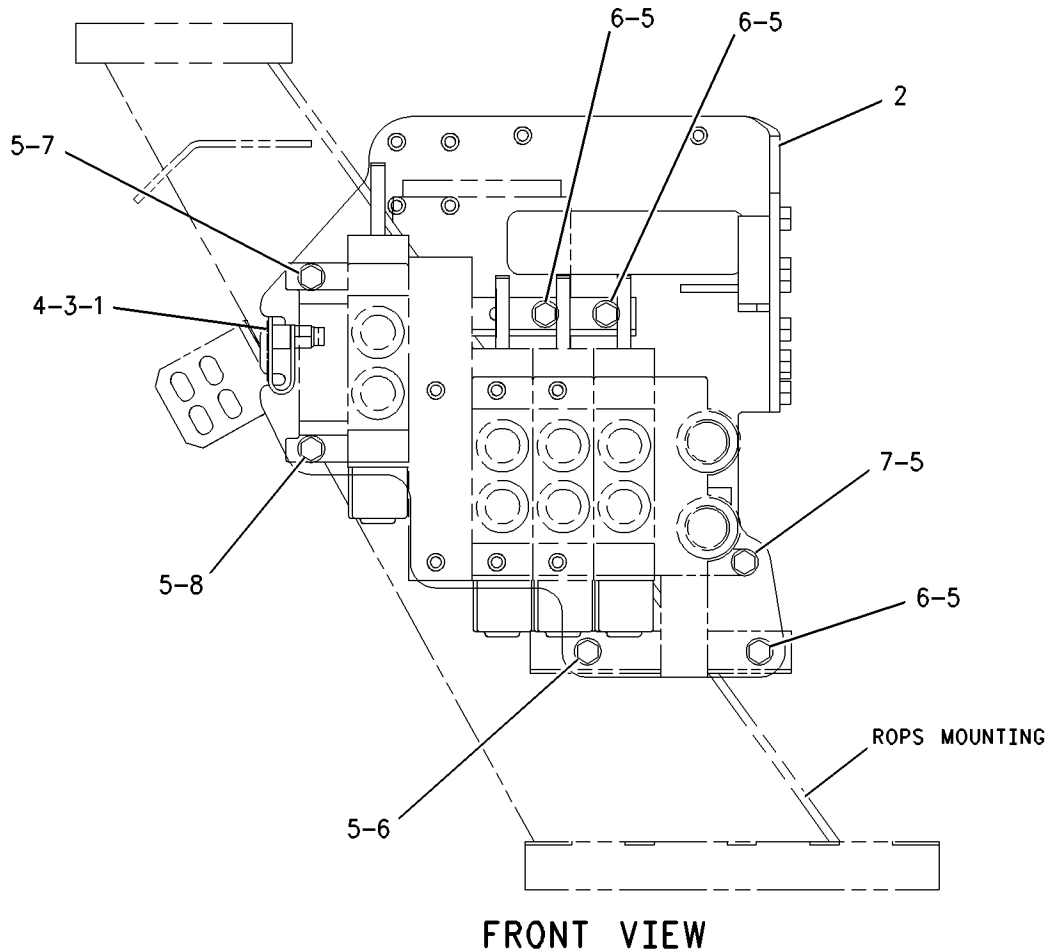
PART OF 189-4623 HYDRAULIC AR

SMCS-5051

i01828622

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8C-3451	1	CAP-DUST (CONTROL VALVE FLUID SAMPLING)						
	2	1	124-6092	1	PLATE AS						
		1	7T-1099	1	LINK						
M		1	8T-3490	26	NUT-WELD (M10X1.5 THD)						
	3	1	183-7264	1	VALVE AS-FLUID SAMPLING (CONTROL VALVE)						
	4	1	3J-1907	1	SEAL-O-RING						
	5	1	8T-4121	7	WASHER-HARD (11X21X2.5MM THK)						
M	6	1	8T-4136	4	BOLT (M10X1.5X25MM)						
M	7	1	8T-4186	2	BOLT (M10X1.5X40MM)						
M	8	1	8T-6466	1	BOLT (M10X1.50X60MM)						

M-METRIC PART



FRONT VIEW

GRAPHIC #1

<END>

g00938300

HYDRAULIC SYSTEM

195-9097 PUMP GP-PISTON-HYDRAULIC

S/N: CCK1-UP

PART OF 191-9531 LINES GP-PUMP

SMCS-5070

i01833758

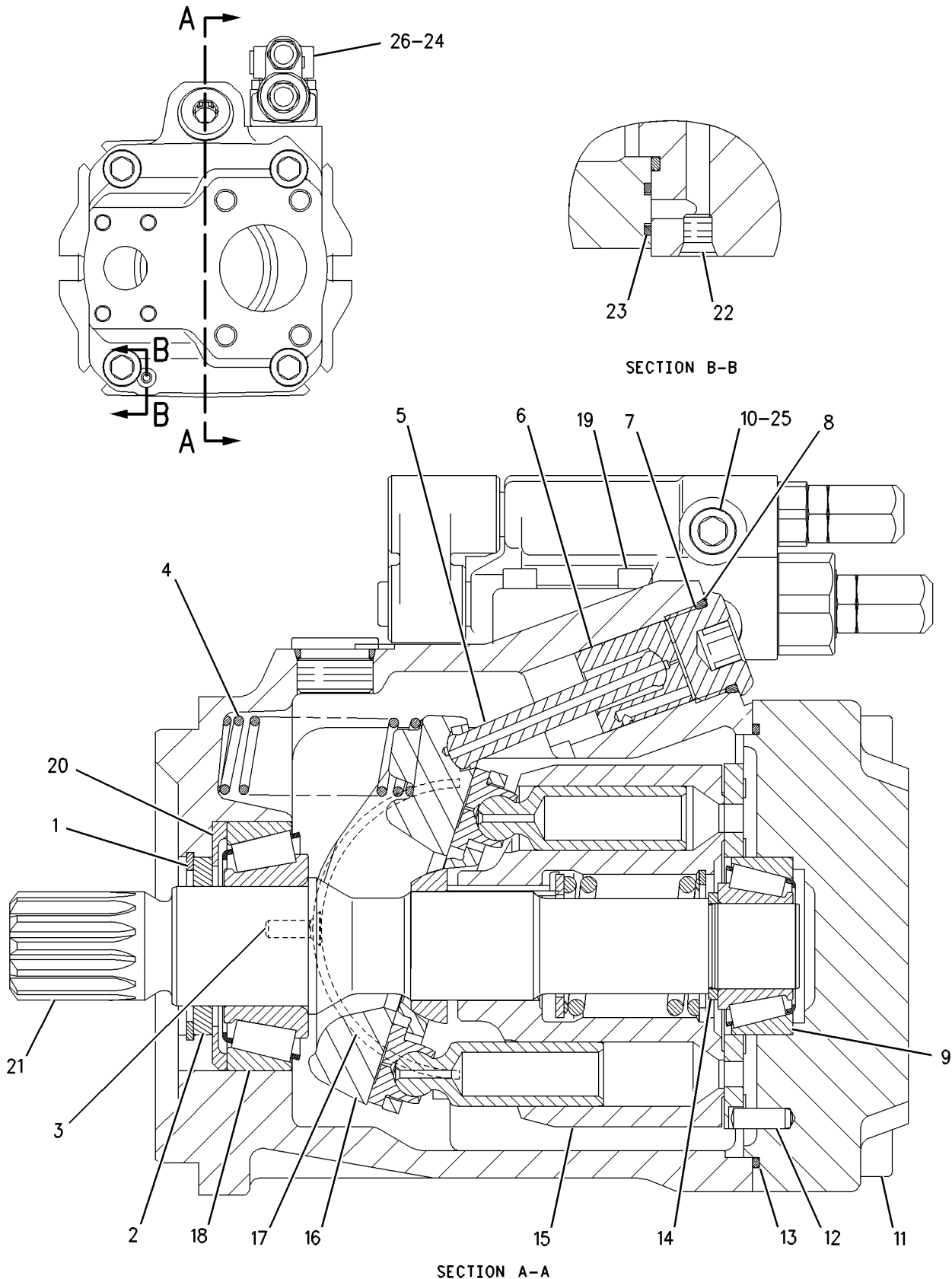
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	180-6213	1	RING-RETAINING						
	2	1	168-7319	1	SEAL-SHAFT						
M	3	1	6R-7943	2	SCREW (M5X15.5MM)						
	4	1	168-2197	1	SPRING						
	5	1	168-2198	1	LINK-CONTROL						
	6	1	174-9994	1	PISTON-CONTROL						
	7	1	8T-7525	1	SEAL-O-RING						
	8	1	198-5351	1	PLUG						
	9	1	185-0296	1	BEARING						
	10	1	3J-7354	1	SEAL-O-RING						
	11	1	198-5361	4	BOLT						
	12	1	9X-8979	1	DOWEL						
	13	1	192-7470	1	SEAL-O-RING						
	14	1	168-2203	1	SHIM-SHAFT						
Y	15	1	197-2849	1	ROTATING GP-PUMP						395
	16	1	168-7317	1	SWASHPLATE-PUMP						
	17	1	168-2206	2	BEARING-CRADLE						
	18	1	185-0295	1	BEARING						
M	19	1	8T-8442	4	BOLT-SOCKET HEAD (M6X1X30MM)						
	20	1	190-6507	1	STOP						
	21	1	197-2850	1	SHAFT						
	22	1	136-8423	2	PLUG-BREAK OFF						
	23	1	168-3504	2	SEAL						
	24	1	9X-7680	3	SEAL-O-RING						
	25	1	9S-8002	1	PLUG						
Y	26	1	168-2210	1	VALVE GP-PRESS & FLOW CMPNSTR						415

M-METRIC PART
Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

195-9097 PUMP GP-PISTON (contd.)

i01833758



GRAPHIC #1

<END>

g00937104

HYDRAULIC SYSTEM

197-2849 ROTATING GP - PUMP-HYDRAULIC

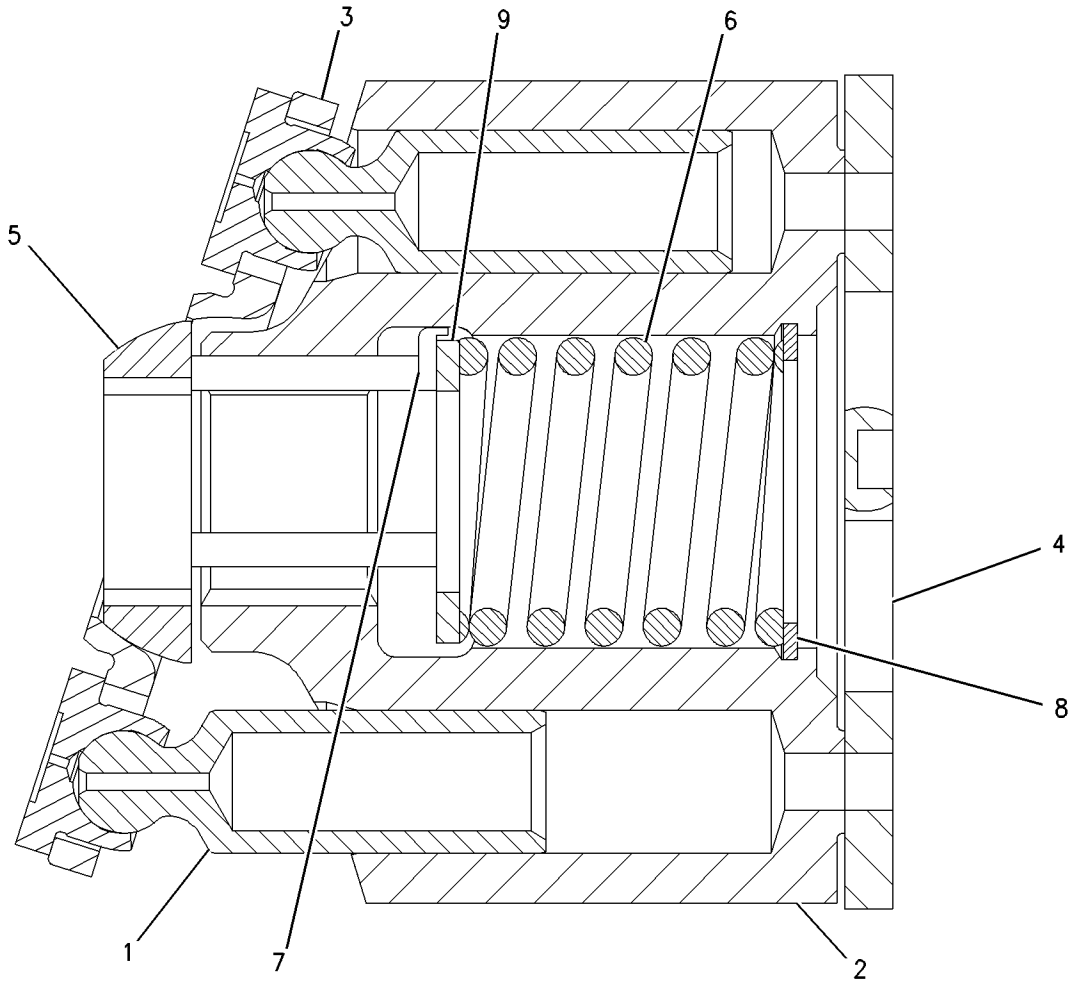
S/N: CCK1-UP

PART OF 195-9097 PUMP GP-PISTON

SMCS-5070

i01828589

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	168-3384	9	PISTON AS-PUMP						
	2	1	197-2851	1	BARREL						
	3	1	197-2852	1	PLATE						
	4	1	168-7321	1	PLATE - PORT						
	5	1	197-2853	1	BEARING						
	6	1	168-3381	1	SPRING						
	7	1	168-3379	3	PIN						
	8	1	6V-7723	1	RING-RETAINING						
	9	1	168-3382	1	WASHER						



GRAPHIC #1

<END>

g00719942

HYDRAULIC SYSTEM

174-4485 TANK & FILTER GP-HYDRAULIC

S/N: CCK1-UP

PART OF 189-4623 HYDRAULIC AR

SMCS-5056, 5068

i01885512

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1U-2827	1	GUIDE-VALVE						
	2	1	7B-3039	1	SPRING						
	3	1	8J-8782	1	BODY-DRAIN VALVE						
	4	1	8J-8783	1	VALVE						
	5	1	9J-3047	1	STRAINER (HYDRAULIC TANK)						
	6	1	9J-7031	1	PLUG-DRAIN (HYDRAULIC TANK)						
	7	1	152-6649	1	BASE						
	8	1	166-9147	1	TANK AS						
	9	1	166-9165	1	COVER AS						
		1	9T-7512	2	BOSS-WELD (1-5/16-12 THD)						
		1	5S-1057	1	FITTING						
		1	9F-3721	1	PLATE						
	10	1	166-9171	1	GASKET						
Y	11	1	145-7028	1	SENSOR GP-TEMPERATURE (HYDRAULIC TANK)						167
	12	1	175-7407	1	SPACER						
	13	1	187-9194	1	PLATE						
	14	1	1L-5072	1	DOWEL						
	15	1	2D-4202	1	PLATE						
	16	1	2J-7761	1	RING-RETAINING						
	17	1	3G-0361	1	GASKET						
	18	1	3G-3267	1	SCREEN AS (HYDRAULIC TANK)						
	19	1	3J-1907	1	SEAL-O-RING						
	20	1	4J-0519	2	SEAL-O-RING						
	21	1	4J-8251	1	GROMMET						
	22	1	4J-8252	1	GAUGE-SIGHT (HYDRAULIC TANK)						
	23	1	4K-0367	1	NUT-FULL (5/8-11 THD)						
	24	1	4T-0521	1	BOLT (5/8-11X4.35MM)						
	25	1	1R-0735	1	FILTER ELEMENT AS-OIL (HYDRAULIC/REVERSE FLOW) (DISPOSABLE)						
					-OR-						
		1	104-6931	1	FILTER ELEMENT AS-OIL (REVERSE FLOW) (HYDRAULIC FIRE RESISTANT FLUID)						
					-OR-						
		1	139-1537	1	FILTER ELEMENT AS-OIL (HYDRAULIC) (CLEANOUT/HIGH EFFICIENCY)						
	26	1	5D-1911	1	COVER-HYDRAULIC CAP						
	27	1	5M-2057	1	SEAL-O-RING						
	28	1	5P-3108	6	SEAL-O-RING						
M	29	1	6V-1820	21	BOLT (M10X1.50X30MM)						
	30	1	6V-5839	6	WASHER (11X21X2.5MM THK)						
M	31	1	6V-7744	6	LOCKNUT (M10X1.5 THD)						
	32	1	6V-9633	1	GASKET						
	33	1	7H-1447	1	CAP-FILLER (HYDRAULIC TANK)						
	34	1	8F-9206	1	SEAL-O-RING						
	35	1	8J-6913	1	RETAINER-SIGHT GLASS						
	36	1	8J-8322	1	RING-RETAINING						
	37	1	8J-8436	1	TUBE AS						
	38	1	8J-8443	1	SPRING						
	39	1	8J-8468	1	VALVE						
	40	1	8T-2275	1	BALL						
	41	1	8T-3298	1	SEAL-RECTANGULAR						
	42	1	8T-9389	3	BOLT (1/2-13X2.75 IN)						
	43	1	9H-6454	1	GASKET						
	44	1	9J-2914	1	SPACER						
	45	1	9M-7394	1	LEVER						
	46	1	9T-3264	1	COVER						

HYDRAULIC SYSTEM

174-4485 TANK & FILTER GP-HYDRAULIC (contd.)

i01885512

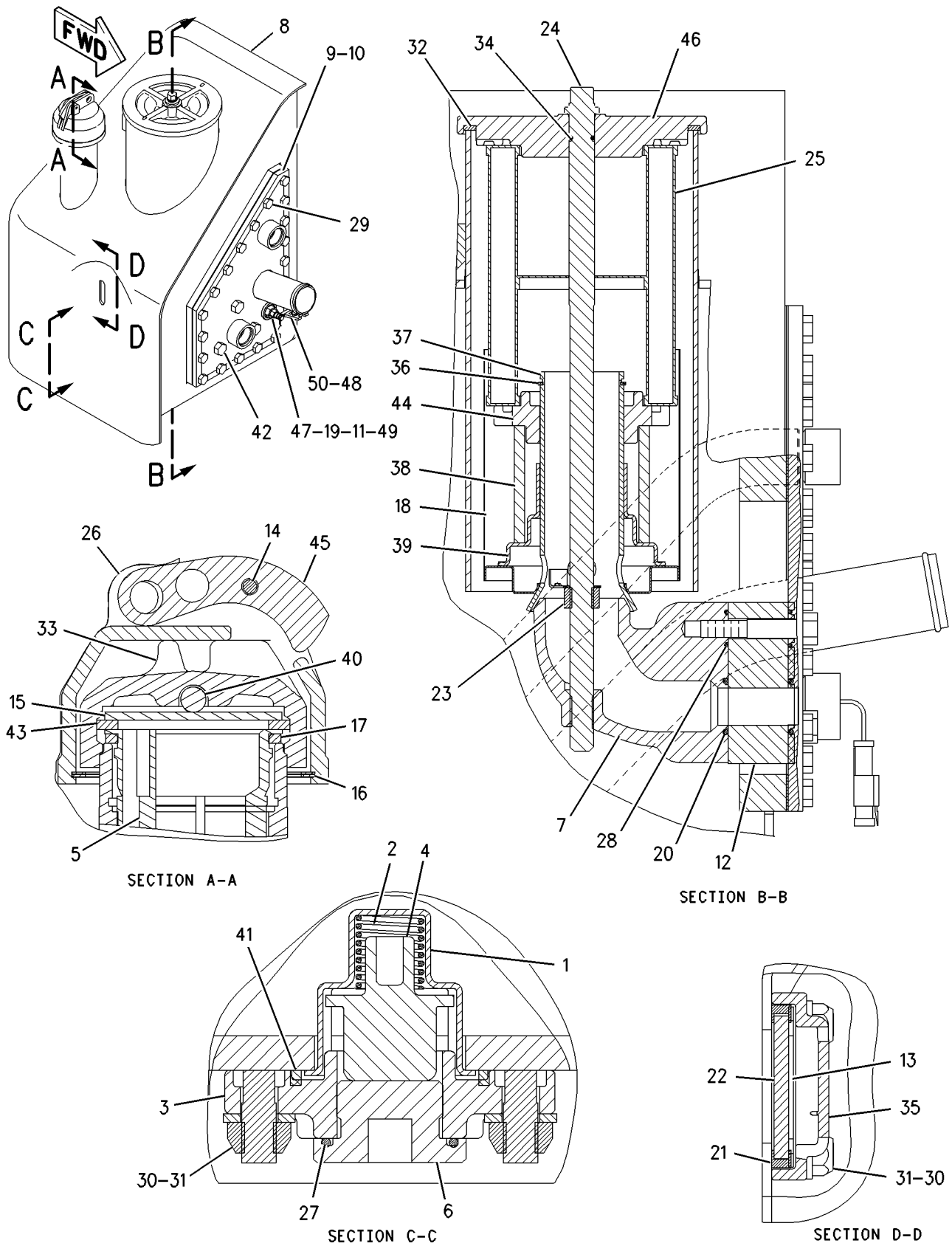
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	47	1	164-3651	1	ADAPTER	
	48	1	7K-1181	1	STRAP-CABLE	
	49	1	7J-0204	1	SEAL-O-RING	
	50	1	4P-8134	1	CLIP	

M-METRIC PART
Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

174-4485 TANK & FILTER GP-HYDRAULIC (contd.)

i01885512



GRAPHIC #1

<END>

g00910394

HYDRAULIC SYSTEM

6E-5083 VALVE GP - BANK 2 - BULLDOZER LIFT/TILT

S/N: CCK1-UP

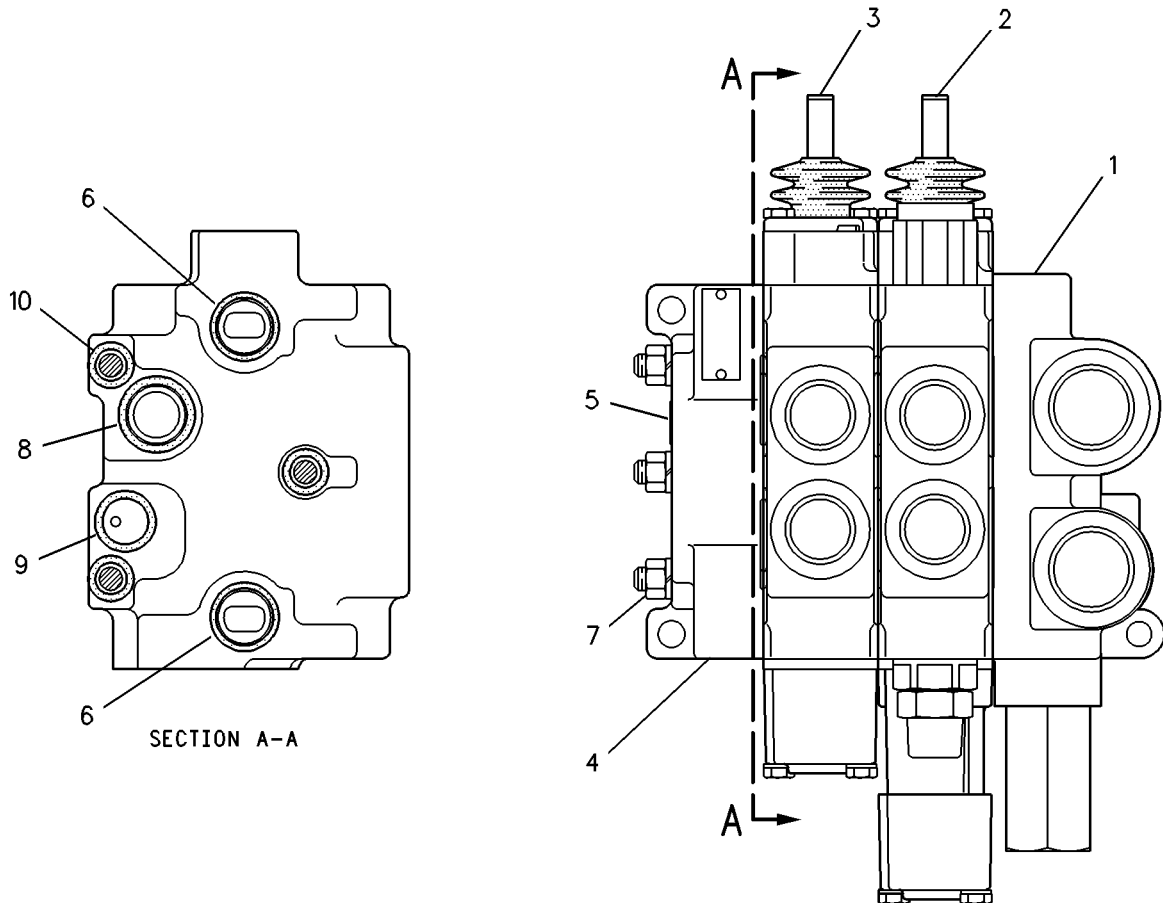
PART OF 156-9510 HYDRAULIC AR
AN ATTACHMENT

SMCS-5051

i01895726

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
CY	1	1	9T-6695	1	VALVE GP-RELIEF						418
Y	2	1	6E-5953	1	VALVE GP-CONTROL (BLADE LIFT)						409
Y	3	1	6E-4953	1	VALVE GP-CONTROL (BLADE TILT)						405
	4	1	4T-2731	1	COVER						
	5	1	9S-8004	1	PLUG						
		1	3J-1907	1	SEAL-O-RING						
	6	1	4D-9986	6	SEAL-O-RING						
	7	1	4T-4538	3	STUD						
		1	9S-8752	3	NUT-FULL (3/8-16 THD)						
		1	5M-2894	3	WASHER-HARD (10.2X18.5X2.5MM THK)						
	8	1	4J-5267	3	SEAL-O-RING						
	9	1	4J-5140	3	SEAL-O-RING						
B	10	1	4T-2723	9	SHIM (0.076MM THK)						

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



GRAPHIC #1

<END>

g00233717

HYDRAULIC SYSTEM

209-6765 VALVE GP - BANK 3-BULLDOZER ANGLE-LIFT-TILT

S/N: CCK1-UP

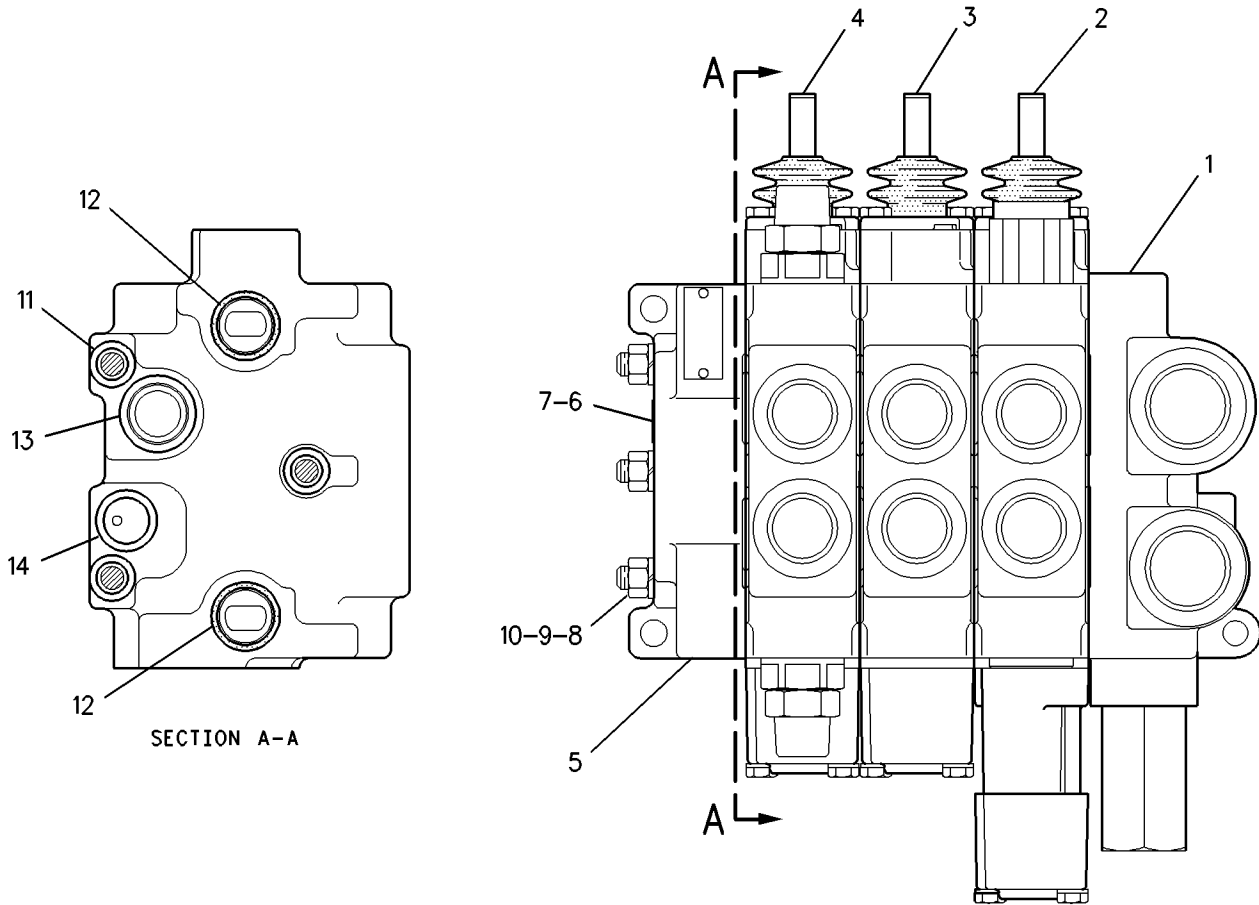
PART OF 189-4623 HYDRAULIC AR

SMCS-5051

i01828618

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	9T-6695	1	VALVE GP-RELIEF						418
Y	2	1	209-6761	1	VALVE GP-CONTROL (LIFT)						411
Y	3	1	6E-4953	1	VALVE GP-CONTROL (TILT)						405
Y	4	1	6E-4954	1	VALVE GP-CONTROL (ANGLE)						407
	5	1	4T-2731	1	COVER						
	6	1	9S-8004	1	PLUG						
	7	1	3J-1907	1	SEAL-O-RING						
	8	1	4T-4518	3	STUD						
	9	1	9S-8752	3	NUT-FULL (3/8-16 THD)						
	10	1	5M-2894	3	WASHER-HARD (10.2X18.5X2.5MM THK)						
	11	1	4T-2723	12	SHIM (0.076MM THK)						
	12	1	4D-9986	8	SEAL-O-RING						
	13	1	4J-5267	4	SEAL-O-RING						
	14	1	4J-5140	4	SEAL-O-RING						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00875015

HYDRAULIC SYSTEM

209-6764 VALVE GP -BANK 4-BULLDOZER LIFT-ANGLE-TILT & RIPPER

S/N: CCK1-UP

PART OF 229-2831 HYDRAULIC AR, 173-8641 HYDRAULIC AR-4 VALVE
AN ATTACHMENT

SMCS-5051

i01893138

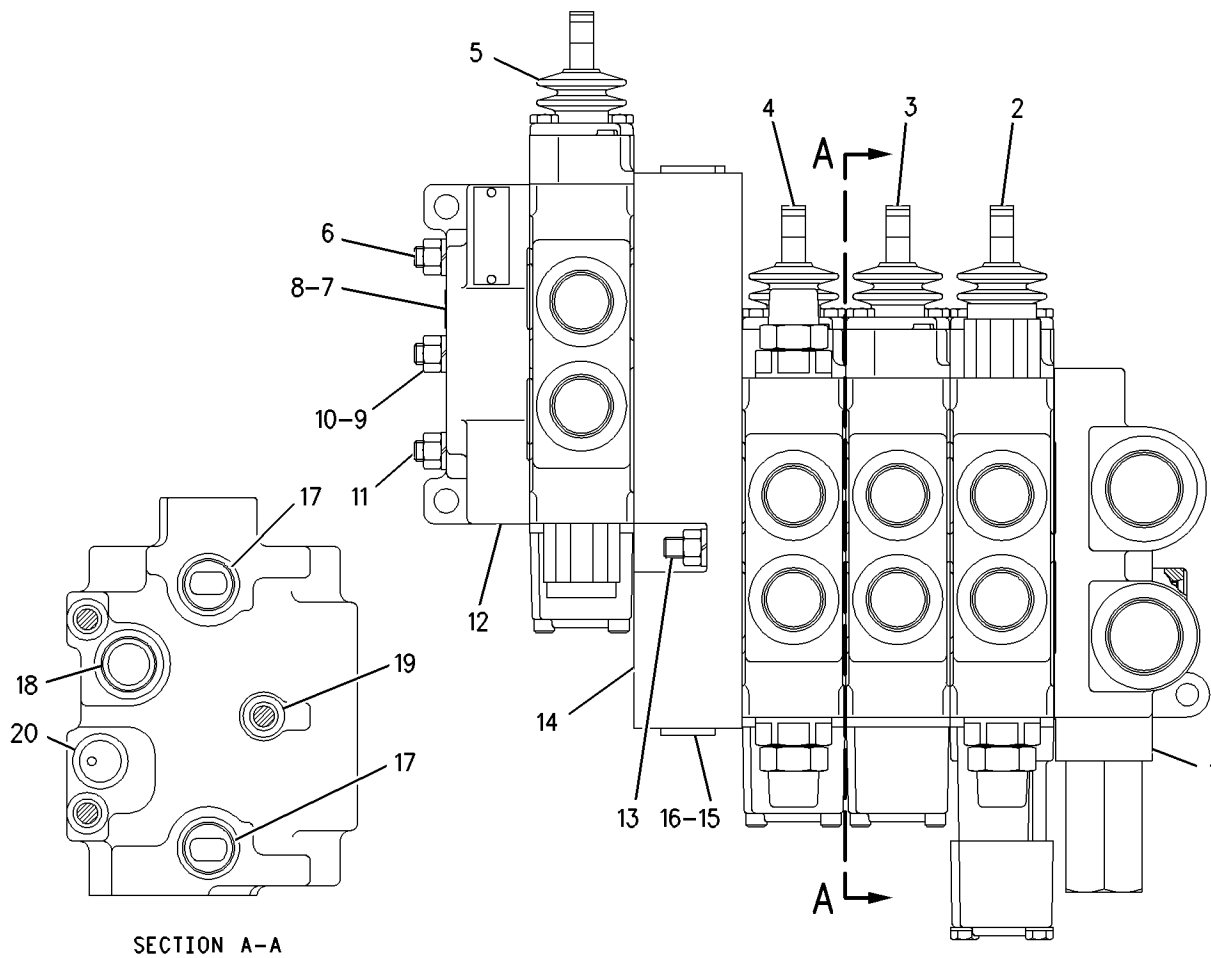
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	9T-6695	1	VALVE GP-RELIEF						418
Y	2	1	209-6762	1	VALVE GP-CONTROL (LIFT)						413
Y	3	1	6E-4953	1	VALVE GP-CONTROL (TILT)						405
Y	4	1	6E-4954	1	VALVE GP-CONTROL (ANGLE)						407
Y	5	1	6E-4952	1	VALVE GP-CONTROL (RIPPER)						403
	6	1	117-0982	2	STUD						
	7	1	9S-8004	1	PLUG						
	8	1	3J-1907	1	SEAL-O-RING						
	9	1	9S-8752	5	NUT-FULL (3/8-16 THD)						
	10	1	5M-2894	5	WASHER-HARD (10.2X18.5X2.5MM THK)						
	11	1	118-2228	1	STUD						
	12	1	4T-2731	1	COVER						
	13	1	4T-4216	2	STUD						
	14	1	4Z-5788	1	MANIFOLD AS						
	15	1	9S-8006	3	PLUG						
	16	1	2M-9780	3	SEAL-O-RING						
	17	1	4D-9986	12	SEAL-O-RING						
	18	1	4J-5267	6	SEAL-O-RING						
	19	1	4T-2723	18	SHIM (0.076MM THK)						
	20	1	4J-5140	6	SEAL-O-RING						

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

209-6764 VALVE GP-BANK 4 (contd.)

i01893138



GRAPHIC #1

<END>

g00941686

HYDRAULIC SYSTEM

6E-4952 VALVE GP-CONTROL-RIPPER

S/N: CCK1-UP

PART OF 209-6764 VALVE GP-BANK 4
AN ATTACHMENT

SMCS-5051

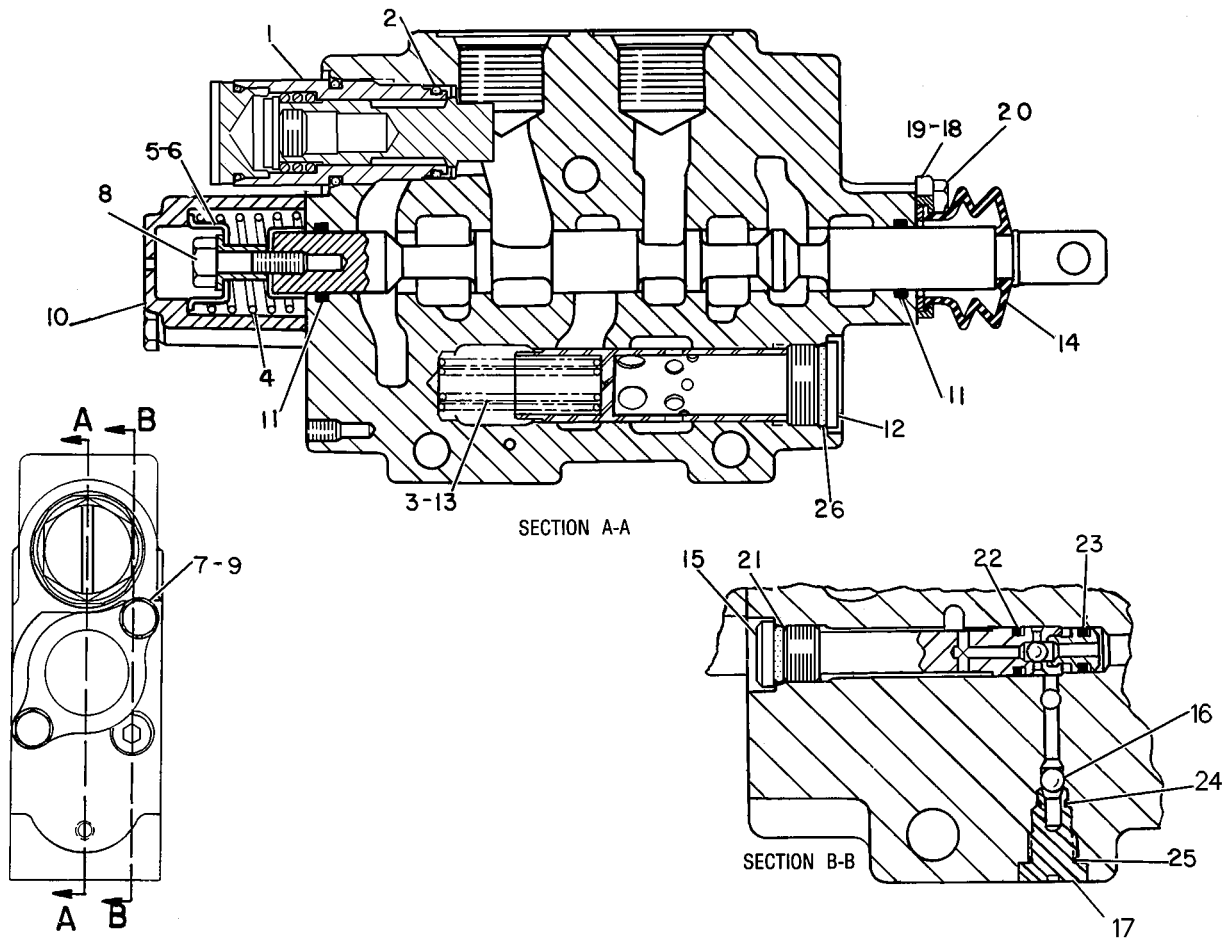
i01883597

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4T-4524	1	GUARD-DUST						
	2	1	031-0214	2	BOLT-LOCKING (1/4-20X0.5 IN)						
	3	1	1U-2744	1	VALVE GP-CHECK (CONTROL VALVE)						
		1	4K-1388	1	SEAL-O-RING						
		1	3D-2824	1	SEAL-O-RING						
	3A	1	4T-7795	1	RING-BACKUP						
		1	5K-9090	1	SEAL-O-RING						
	4	1	4T-4516	1	SPRING						
	5	1	031-5085	1	BOLT-LOCKING (1/4-20X1.00 IN)						
	6	1	167-6768	1	HOUSING						
	7	1	4T-4521	2	RETAINER						
	8	1	4T-4533	1	SPACER (7.1X17.3X1.5MM THK)						
	9	1	195-2139	2	SEAL-O-RING						
	10	1	4T-4534	1	SPRING (OUTER)						
	11	1	9T-3729	1	SPRING (INNER)						
	12	1	2M-9780	1	SEAL-O-RING						
	13	1	9S-8006	1	PLUG						
	14	1	4T-4520	1	FILTER (CONTROL VALVE)						
	15	1	4T-4528	1	RETAINER						
	16	1	126-5476	1	SEAT AS-SHUTTLE						
		1	4T-7807	1	RING-BACKUP						
		1	8T-2360	1	SEAL-O-RING						
		1	7J-0204	1	SEAL-O-RING						
	17	1	126-5796	1	HOUSING GP (CONTROL VALVE)						
		1	8T-2361	1	SEAL-O-RING						
		1	126-5984	1	RING-BACKUP						
		1	126-5985	1	RING-BACKUP						
		1	3J-7354	1	SEAL-O-RING						
		1	1P-7363	1	SEAL-O-RING						
	18	1	8H-0707	2	BOLT (1/4-20X1 IN)						
	19	1	5B-9318	1	BALL						

HYDRAULIC SYSTEM

6E-4952 VALVE GP - CONTROL (contd.)

i01883597



GRAPHIC #1

<END>

g00232844

HYDRAULIC SYSTEM

6E-4953 VALVE GP-CONTROL-TILT

S/N: CCK1-UP

PART OF 6E-5083 VALVE GP-BANK 2, 209-6765 VALVE GP-BANK 3, 209-6764 VALVE GP-BANK 4
ALSO AN ATTACHMENT

SMCS-5051

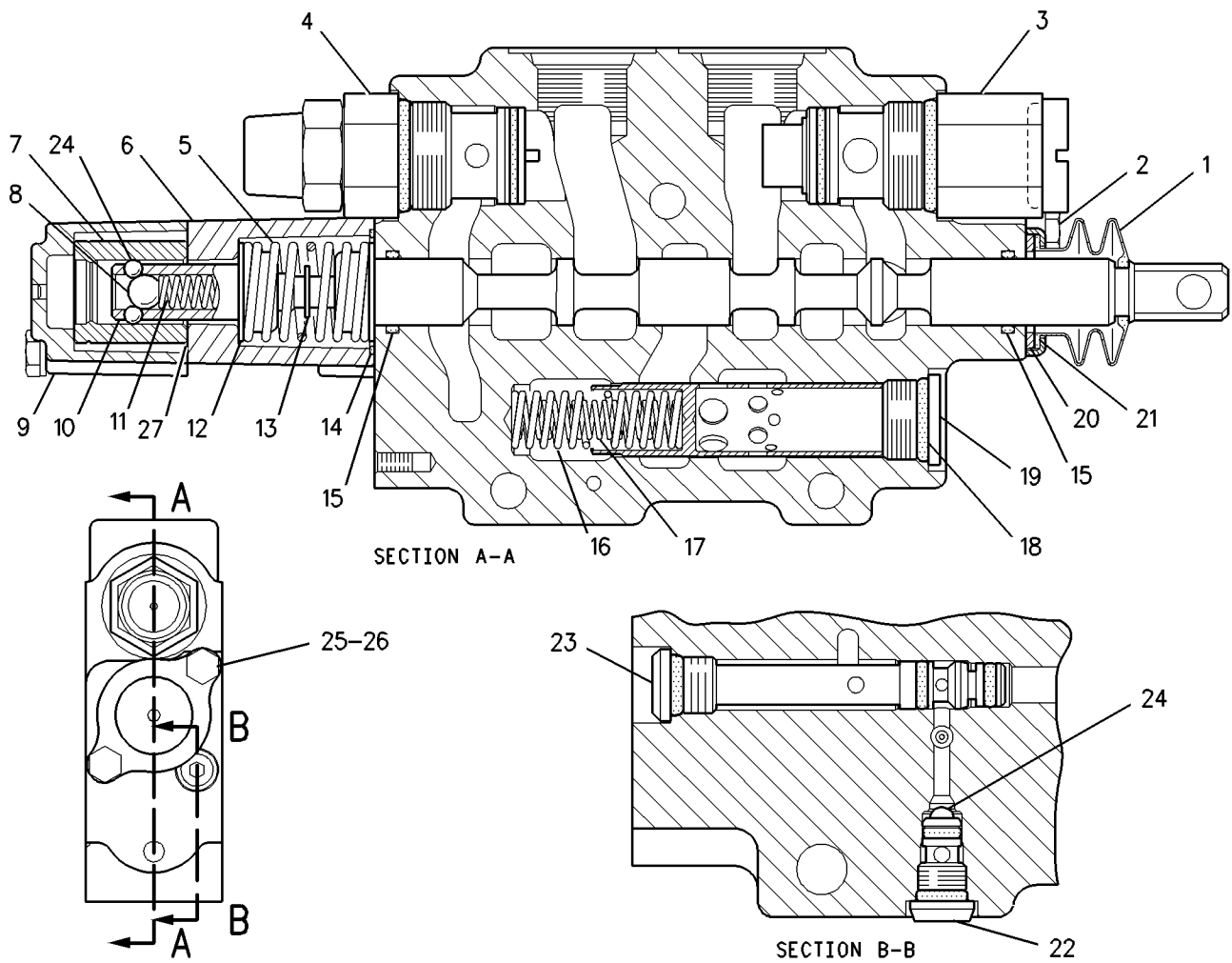
i01883605

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
1		1	4T-4524	1	GUARD-DUST						
2		1	031-0214	2	BOLT-LOCKING (1/4-20X0.5 IN)						
3		1	1U-2744	1	VALVE GP-CHECK (CONTROL VALVE)						
		1	5K-9090	1	SEAL-O-RING						
		1	4T-7795	1	RING-BACKUP						
		1	4K-1388	1	SEAL-O-RING						
		1	3D-2824	1	SEAL-O-RING						
4		1	9T-0704	1	VALVE GP-RELIEF (CONTROL VALVE)						
		1	6E-0358	1	RING-BACKUP						
		1	4K-1388	1	SEAL-O-RING						
		1	8C-3088	1	SEAL-O-RING						
5		1	4T-4513	1	SPRING						
6		1	100-3567	1	HOUSING-DETENT						
7		1	100-3566	1	PISTON-DETENT						
8		1	4B-9782	1	BALL						
9		1	4T-4532	1	HOUSING						
10		1	144-4277	1	SHAFT AS-DETENT						
11		1	100-3564	1	SPRING						
12		1	4T-4521	2	RETAINER						
13		1	100-3563	1	SPACER						
14		1	8F-0212	1	SEAL-O-RING						
15		1	195-2139	2	SEAL-O-RING						
16		1	4T-4534	1	SPRING (OUTER)						
17		1	9T-3729	1	SPRING (INNER)						
18		1	2M-9780	1	SEAL-O-RING						
19		1	9S-8006	1	PLUG						
20		1	4T-4520	1	FILTER (CONTROL VALVE)						
21		1	4T-4528	1	RETAINER						
22		1	126-5476	1	SEAT AS-SHUTTLE						
		1	4T-7807	1	RING-BACKUP						
		1	8T-2360	1	SEAL-O-RING						
		1	7J-0204	1	SEAL-O-RING						
23		1	126-5796	1	HOUSING GP (CONTROL VALVE)						
		1	8T-2361	1	SEAL-O-RING						
		1	1P-7363	1	SEAL-O-RING						
		1	3J-7354	1	SEAL-O-RING						
		1	126-5984	1	RING-BACKUP						
		1	126-5985	1	RING-BACKUP						
24		1	5B-9318	7	BALL						
25		1	8S-4710	2	BOLT (1/4-20X4 IN)						
26		1	5P-0537	2	WASHER-HARD (7.2X14.5X2MM THK)						
27		1	128-2776	1	GASKET						

HYDRAULIC SYSTEM

6E-4953 VALVE GP - CONTROL (contd.)

i01883605



GRAPHIC #1

<END>

g00938296

HYDRAULIC SYSTEM

6E-4954 VALVE GP-CONTROL-ANGLE

S/N: CCK1-UP

PART OF 209-6765 VALVE GP-BANK 3, 209-6764 VALVE GP-BANK 4
ALSO AN ATTACHMENT

SMCS-5051

i01883622

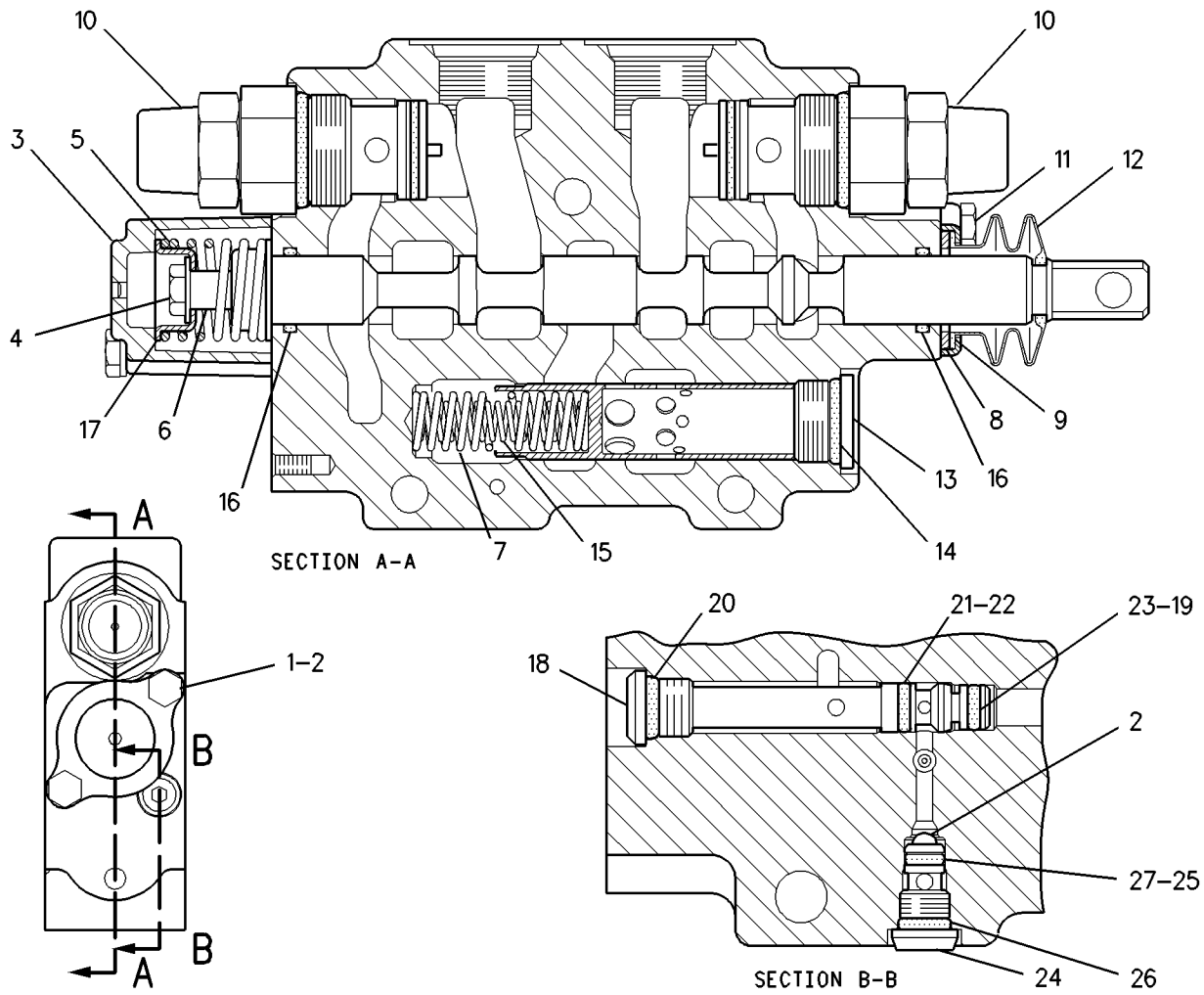
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8H-0707	2	BOLT (1/4-20X1 IN)						
	2	1	5B-9318	1	BALL						
	3	1	167-6768	1	HOUSING						
	4	1	031-5085	1	BOLT-LOCKING (1/4-20X1.00 IN)						
	5	1	9T-0874	1	SPRING-SPOOL						
	6	1	4T-4533	1	SPACER (7.1X17.3X1.5MM THK)						
	7	1	4T-4534	1	SPRING (OUTER)						
	8	1	4T-4528	1	RETAINER						
	9	1	4T-4520	1	FILTER (CONTROL VALVE)						
Y	10	1	6E-0772	2	VALVE GP-RELIEF (CONTROL VALVE)						417
	11	1	031-0214	2	BOLT-LOCKING (1/4-20X0.5 IN)						
	12	1	4T-4524	1	GUARD-DUST						
	13	1	9S-8006	1	PLUG						
	14	1	2M-9780	1	SEAL-O-RING						
	15	1	9T-3729	1	SPRING (INNER)						
	16	1	195-2139	2	SEAL-O-RING						
	17	1	4T-4521	2	RETAINER						
	18	1	126-5796	1	HOUSING GP (CONTROL VALVE)						
	19	1	8T-2361	1	SEAL-O-RING						
	20	1	3J-7354	1	SEAL-O-RING						
	21	1	126-5985	1	RING-BACKUP						
	22	1	1P-7363	1	SEAL-O-RING						
	23	1	126-5984	1	RING-BACKUP						
	24	1	126-5476	1	SEAT AS-SHUTTLE						
	25	1	8T-2360	1	SEAL-O-RING						
	26	1	7J-0204	1	SEAL-O-RING						
	27	1	4T-7807	1	RING-BACKUP						

Y-SEPARATE ILLUSTRATION

HYDRAULIC SYSTEM

6E-4954 VALVE GP - CONTROL (contd.)

i01883622



GRAPHIC #1

<END>

g00782679

HYDRAULIC SYSTEM

6E-5953 VALVE GP-CONTROL-BLADE LIFT

S/N: CCK1-UP

PART OF 6E-5083 VALVE GP-BANK 2
AN ATTACHMENT

SMCS-5051

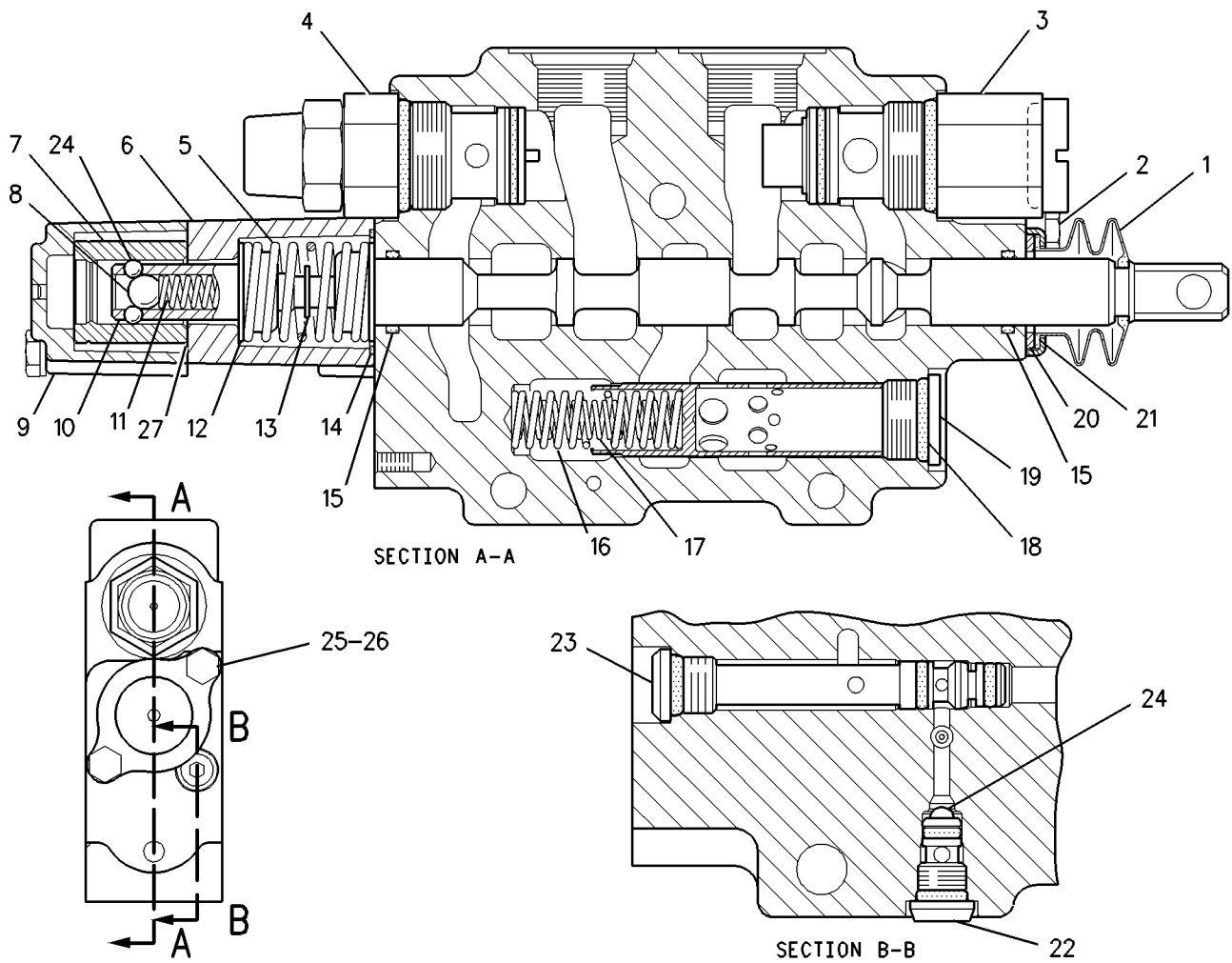
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NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4T-4524	1	GUARD-DUST						
	2	1	031-0214	2	BOLT-LOCKING (1/4-20X0.5 IN)						
	3	1	1U-2744	1	VALVE GP-CHECK (CONTROL VALVE)						
		1	5K-9090	1	SEAL-O-RING						
		1	4T-7795	1	RING-BACKUP						
		1	4K-1388	1	SEAL-O-RING						
		1	3D-2824	1	SEAL-O-RING						
	4	1	9T-0704	1	VALVE GP-RELIEF (CONTROL VALVE)						
		1	6E-0358	1	RING-BACKUP						
		1	4K-1388	1	SEAL-O-RING						
		1	8C-3088	1	SEAL-O-RING						
	5	1	4T-4513	1	SPRING						
	6	1	100-3567	1	HOUSING-DETENT						
	7	1	100-3566	1	PISTON-DETENT						
	8	1	4B-9782	1	BALL						
	9	1	4T-4532	1	HOUSING						
	10	1	144-4277	1	SHAFT AS-DETENT						
	11	1	100-3564	1	SPRING						
	12	1	4T-4521	2	RETAINER						
	13	1	100-3563	1	SPACER						
	14	1	8F-0212	1	SEAL-O-RING						
	15	1	195-2139	2	SEAL-O-RING						
	16	1	4T-4534	1	SPRING (OUTER)						
	17	1	9T-3729	1	SPRING (INNER)						
	18	1	2M-9780	1	SEAL-O-RING						
	19	1	9S-8006	1	PLUG						
	20	1	4T-4520	1	FILTER (CONTROL VALVE)						
	21	1	4T-4528	1	RETAINER						
	22	1	126-5476	1	SEAT AS-SHUTTLE						
		1	4T-7807	1	RING-BACKUP						
		1	8T-2360	1	SEAL-O-RING						
		1	7J-0204	1	SEAL-O-RING						
	23	1	126-5796	1	HOUSING GP (CONTROL VALVE)						
		1	8T-2361	1	SEAL-O-RING						
		1	1P-7363	1	SEAL-O-RING						
		1	3J-7354	1	SEAL-O-RING						
		1	126-5984	1	RING-BACKUP						
		1	126-5985	1	RING-BACKUP						
	24	1	5B-9318	7	BALL						
	25	1	8S-4710	2	BOLT (1/4-20X4 IN)						
	26	1	5P-0537	2	WASHER-HARD (7.2X14.5X2MM THK)						
	27	1	128-2776	1	GASKET						

HYDRAULIC SYSTEM

6E-5953 VALVE GP - CONTROL (contd.)

i01883637



GRAPHIC #1

<END>

g00938296

HYDRAULIC SYSTEM

209-6761 VALVE GP-CONTROL-BLADE LIFT

S/N: CCK1-UP

PART OF 209-6765 VALVE GP-BANK 3

SMCS-5051

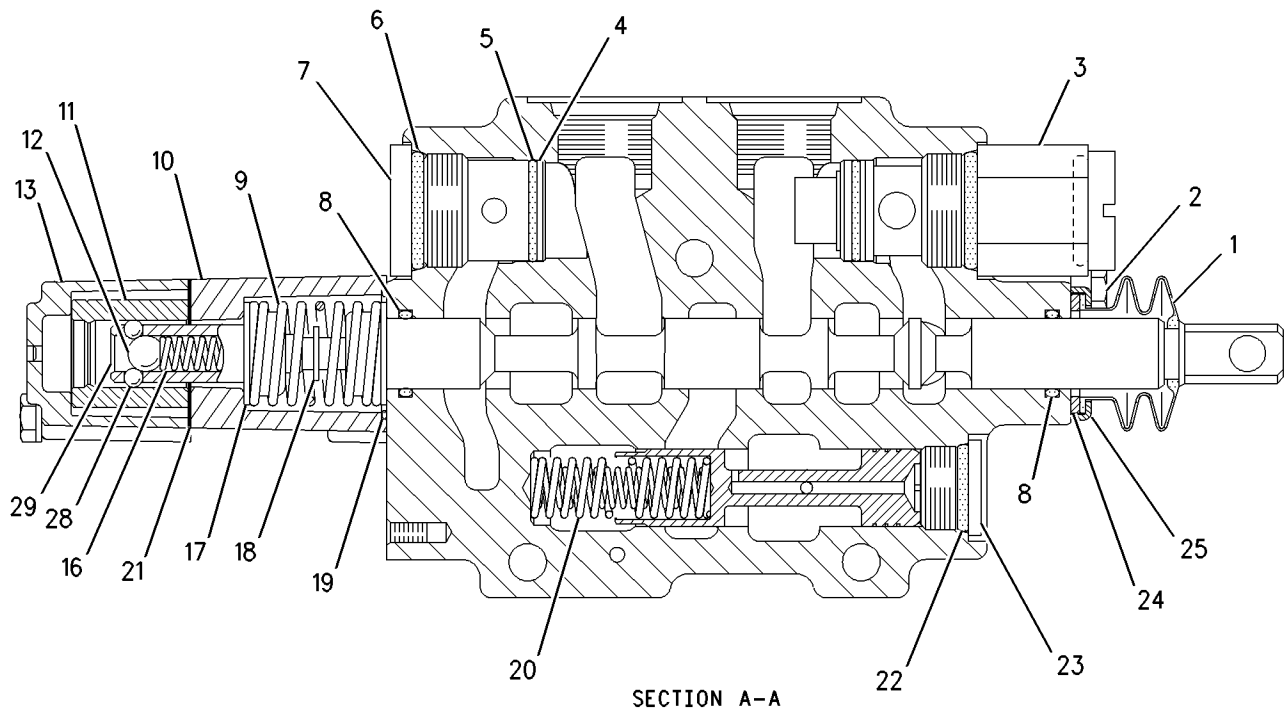
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NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
1		1	4T-4524	1	GUARD-DUST						
2		1	031-0214	2	BOLT-LOCKING (1/4-20X0.5 IN)						
3		1	1U-2744	1	VALVE GP-CHECK (CONTROL VALVE)						
		1	3D-2824	1	SEAL-O-RING						
		1	4K-1388	1	SEAL-O-RING						
		1	5K-9090	1	SEAL-O-RING						
4		1	5K-9090	1	SEAL-O-RING						
5		1	9T-4518	1	RING-BACKUP						
6		1	4K-1388	1	SEAL-O-RING						
7		1	4T-4531	1	PLUG						
8		1	195-2139	2	SEAL-O-RING						
9		1	4T-4513	1	SPRING						
10		1	100-3567	1	HOUSING-DETENT						
11		1	100-3566	1	PISTON-DETENT						
12		1	4B-9782	1	BALL						
13		1	4T-4532	1	HOUSING						
14		1	8S-4710	2	BOLT (1/4-20X4 IN)						
15		1	5P-0537	2	WASHER-HARD (7.2X14.5X2MM THK)						
16		1	100-3564	1	SPRING						
17		1	4T-4521	2	RETAINER						
18		1	100-3563	1	SPACER						
19		1	8F-0212	1	SEAL-O-RING						
20		1	197-2709	1	SPRING						
21		1	128-2776	1	GASKET						
22		1	2M-9780	1	SEAL-O-RING						
23		1	9S-8006	1	PLUG						
24		1	4T-4520	1	FILTER (CONTROL VALVE)						
25		1	4T-4528	1	RETAINER						
26		1	126-5796	1	HOUSING GP (CONTROL VALVE)						
		1	1P-7363	1	SEAL-O-RING						
		1	3J-7354	1	SEAL-O-RING						
		1	8T-2361	1	SEAL-O-RING						
		1	126-5984	1	RING-BACKUP						
		1	126-5985	1	RING-BACKUP						
27		1	126-5476	1	SEAT AS-SHUTTLE						
		1	4T-7807	1	RING-BACKUP						
		1	7J-0204	1	SEAL-O-RING						
		1	8T-2360	1	SEAL-O-RING						
28		1	5B-9318	7	BALL						
29		1	144-4277	1	SHAFT AS-DETENT						

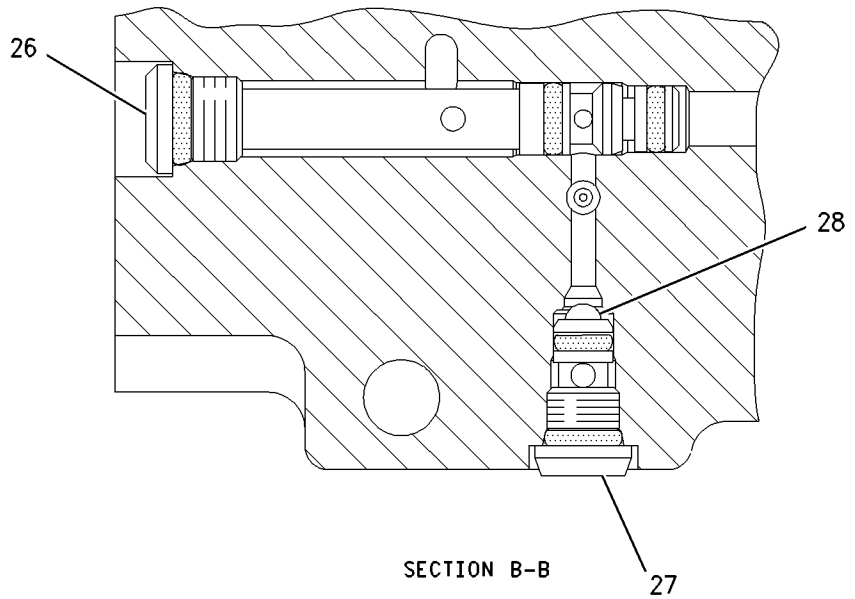
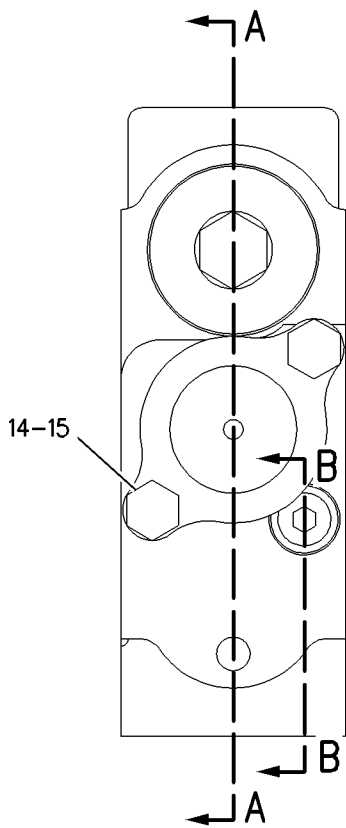
HYDRAULIC SYSTEM

209-6761 VALVE GP-CONTROL (contd.)

i01883674



SECTION A-A



SECTION B-B

GRAPHIC #1

<END>

g00875189

HYDRAULIC SYSTEM

209-6762 VALVE GP-CONTROL-LIFT

S/N: CCK1-UP

PART OF 209-6764 VALVE GP-BANK 4
AN ATTACHMENT

SMCS-5051

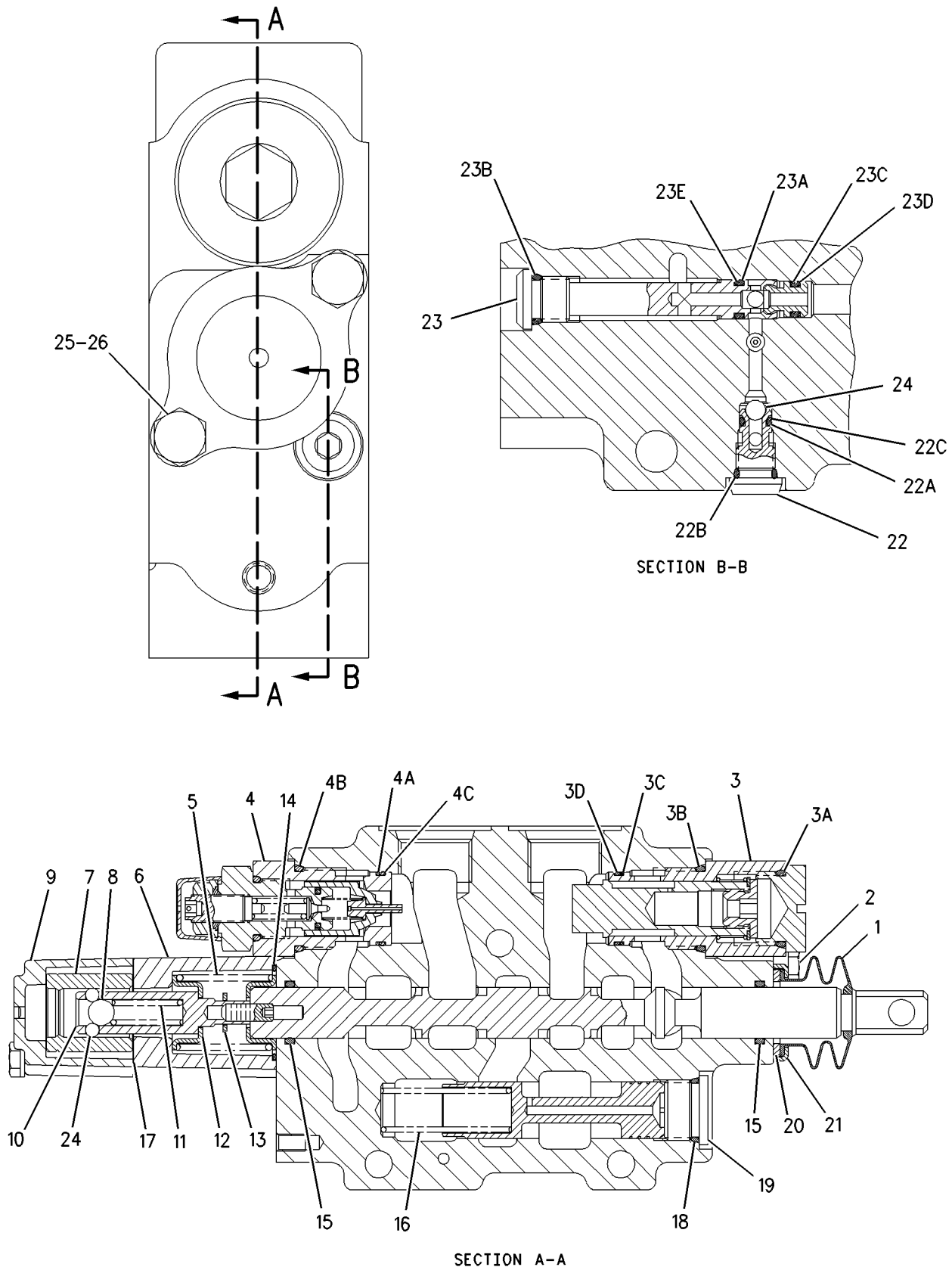
i01883687

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
1		1	4T-4524	1	GUARD-DUST						
2		1	031-0214	2	BOLT-LOCKING (1/4-20X0.5 IN)						
3		1	1U-2744	1	VALVE GP-CHECK (CONTROL VALVE)						
3A		1	3D-2824	1	SEAL-O-RING						
3B		1	4K-1388	1	SEAL-O-RING						
3C		1	9T-4518	1	RING-BACKUP						
3D		1	5K-9090	1	SEAL-O-RING						
4		1	132-5303	1	VALVE GP-RELIEF (CONTROL VALVE)						
4A		1	6E-0358	1	RING-BACKUP						
4B		1	4K-1388	1	SEAL-O-RING						
4C		1	5K-9090	1	SEAL-O-RING						
5		1	4T-4513	1	SPRING						
6		1	100-3567	1	HOUSING-DETENT						
7		1	100-3566	1	PISTON-DETENT						
8		1	4B-9782	1	BALL						
9		1	167-6768	1	HOUSING						
10		1	144-4277	1	SHAFT AS-DETENT						
11		1	100-3564	1	SPRING						
12		1	4T-4521	2	RETAINER						
13		1	100-3563	1	SPACER						
14		1	8F-0212	1	SEAL-O-RING						
15		1	195-2139	2	SEAL-O-RING						
16		1	197-2709	1	SPRING						
17		1	128-2776	1	GASKET						
18		1	2M-9780	1	SEAL-O-RING						
19		1	9S-8006	1	PLUG						
20		1	4T-4520	1	FILTER (CONTROL VALVE)						
21		1	4T-4528	1	RETAINER						
22		1	126-5476	1	SEAT AS-SHUTTLE						
22A		1	4T-7807	1	RING-BACKUP						
22B		1	7J-0204	1	SEAL-O-RING						
22C		1	8T-2360	1	SEAL-O-RING						
23		1	126-5796	1	HOUSING GP (CONTROL VALVE)						
23A		1	1P-7363	1	SEAL-O-RING						
23B		1	3J-7354	1	SEAL-O-RING						
23C		1	8T-2361	1	SEAL-O-RING						
23D		1	126-5984	1	RING-BACKUP						
23E		1	126-5985	1	RING-BACKUP						
24		1	5B-9318	7	BALL						
25		1	8H-0707	2	BOLT (1/4-20X1 IN)						
26		1	5P-0537	2	WASHER-HARD (7.2X14.5X2MM THK)						

HYDRAULIC SYSTEM

209-6762 VALVE GP-CONTROL (contd.)

i01883687



GRAPHIC #1

<END>

g00912262

HYDRAULIC SYSTEM

168-2210 VALVE GP-PRESS & FLOW CMPNSTR-HYDRAULIC PUMP

S/N: CCK1-UP

PART OF 195-9097 PUMP GP-PISTON

SMCS-5086

i01828585

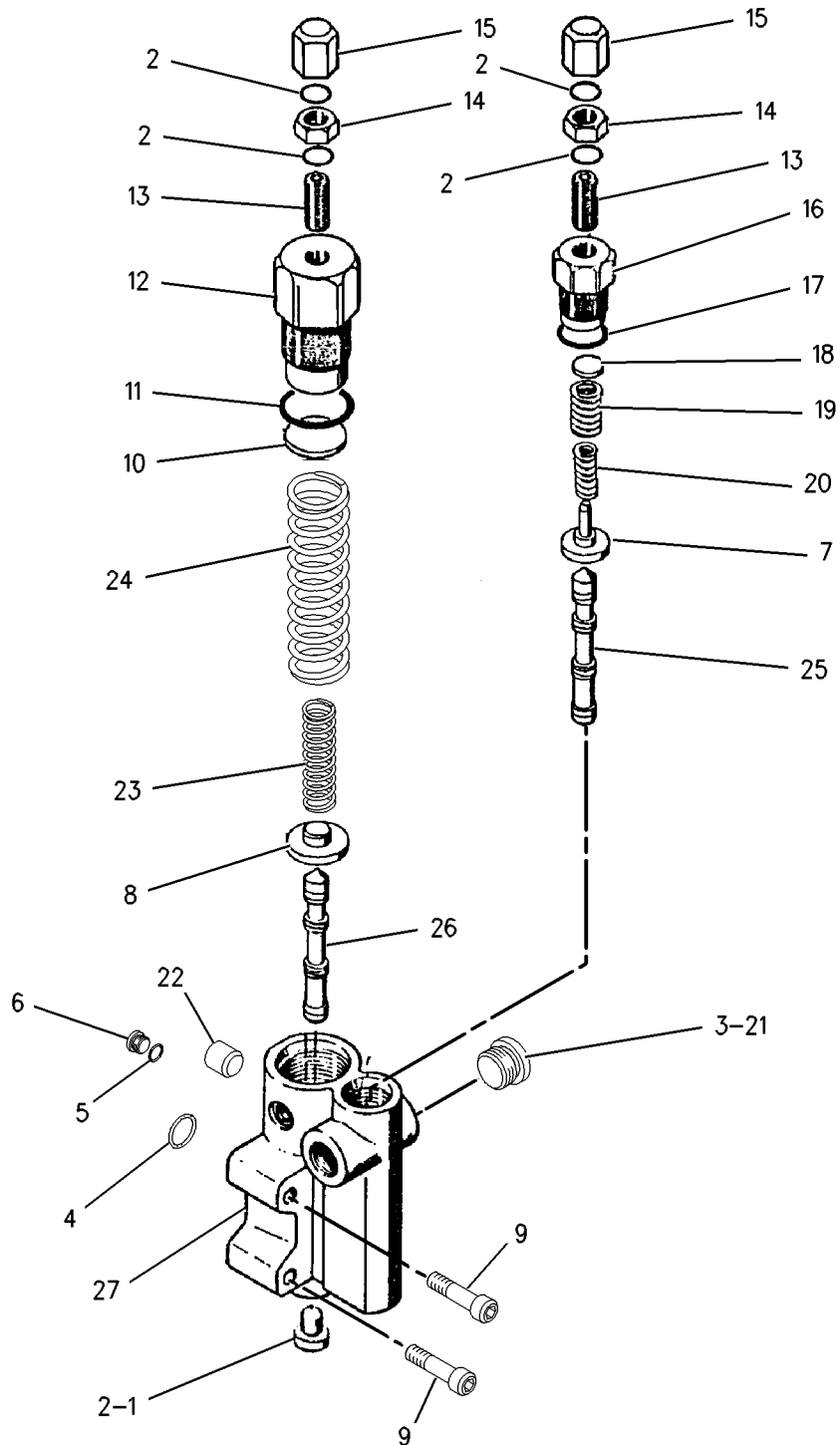
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6E-6527	2	PLUG						
	2	1	6E-6528	6	SEAL						
	3	1	9S-8002	1	PLUG						
	4	1	9X-7680	3	SEAL-O-RING						
	5	1	5P-9262	1	SEAL-O-RING						
	6	1	105-2145	1	VALVE-ORIFICE						
	7	1	6E-3268	1	RETAINER-SPRING						
	8	1	6E-3269	1	RETAINER-SPRING						
M	9	1	8T-8442	4	BOLT-SOCKET HEAD (M6X1X30MM)						
	10	1	6E-3273	1	SEAT						
	11	1	6V-8352	1	SEAL-O-RING						
	12	1	6E-6536	1	PLUG						
M	13	1	6E-6537	2	SCREW-ADJUSTMENT (M8X1X28MM)						
M	14	1	6E-6538	2	NUT-ADJUSTMENT (M8X1 THD)						
M	15	1	6E-6539	2	NUT-CAP (M8X1 THD)						
	16	1	6E-6540	1	PLUG						
	17	1	033-6043	1	SEAL-O-RING						
	18	1	6E-3272	1	SEAT						
	19	1	6E-3274	1	SPRING						
	20	1	6E-3275	1	SPRING						
	21	1	3J-7354	1	SEAL-O-RING						
	22	1	201-0780	1	ORIFICE						
	23	1	193-1036	1	SPRING						
	24	1	6E-3276	1	SPRING						
Z	25	1		1	STEM						
Z	26	1		1	STEM						
Z	27	1		1	BODY						

M-METRIC PART
Z-NOT SERVICED SEPARATELY

HYDRAULIC SYSTEM

168-2210 VALVE GP-PRESS & FLOW CMPNSTR (contd.)

i01828585



GRAPHIC #1

<END>

g00918518

HYDRAULIC SYSTEM

6E-0772 VALVE GP-RELIEF-ANGLE CONTROL VALVE

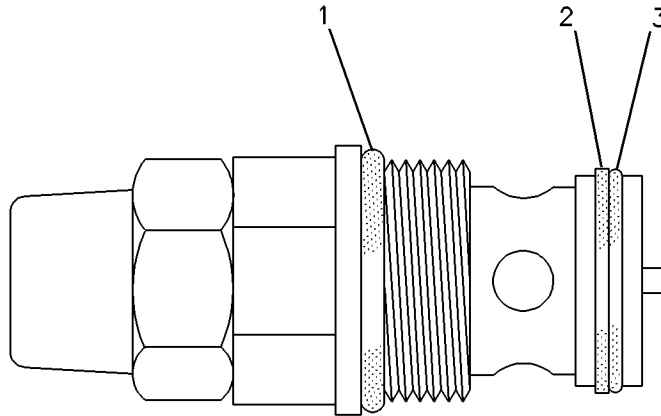
S/N: CCK1-UP

PART OF 6E-4954 VALVE GP-CONTROL
ALSO AN ATTACHMENT

SMCS-5069, 5117

i01883691

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4K-1388	1	SEAL-O-RING						
	2	1	6E-0358	1	RING-BACKUP						
	3	1	5K-9090	1	SEAL-O-RING						



GRAPHIC #1

<END>

g00206977

HYDRAULIC SYSTEM

9T-6695 VALVE GP-RELIEF-IMPLEMENT CONTROL VALVE

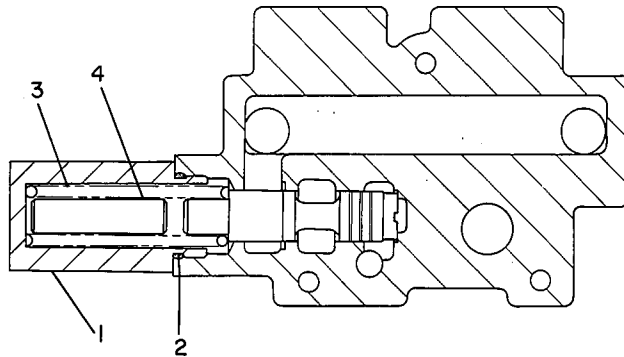
S/N: CCK1-UP

PART OF 6E-5083 VALVE GP-BANK 2, 209-6765 VALVE GP-BANK 3, 209-6764 VALVE GP-BANK 4
ALSO AN ATTACHMENT

SMCS-5069, 5117

i01109864

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9T-0657	1	PLUG						
	2	1	4K-1388	1	SEAL-O-RING (26.59MM ID)						
	3	1	9T-6694	1	SPRING						
	4	1	7M-1201	1	DOWEL						



GRAPHIC #1

<END>

g00195421

IMPLEMENTS

223 - 6303 BULLDOZER AR—POWER ANGLE & TILT WITH ADJUSTABLE PITCH

S/N: B6X1-UP

AN ATTACHMENT

SMCS-6050

i01892815

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	110-5230	1	BLADE GP-ANGLING						431
Y	110-5226	1	C-FRAME GP-POWER ANGLING						421
Y	228-0320	2	CYLINDER GP-ANGLING						346
Y	110-3269	2	CYLINDER GP-LIFT						348
Y	160-0054	1	CYLINDER GP-TILT						356
Y	110-6113	1	LINES GP-ANGLE & TILT						361
Y	220-0897	1	LINES GP-LIFT CYLINDER						370
Y	190-5328	1	LINK GP-PITCH						423
Y	134-6775	1	PIN GP						426
Y	6V-5343	1	PLATE & FILM GP						550

107-8126 2 BEARING (SPECIAL C-FRAME)

(PRESSED INTO C-FRAME MOUNTING BORE IN TRACTOR
MAIN FRAME PRIOR TO INSTALLATION OF C-FRAME)

109-0959 4 RING

Y-SEPARATE ILLUSTRATION

<END>

206 - 9537 BULLDOZER AR-SEMI-UNIVERSAL

S/N: S6D1-UP

FOR USE WITH 229-2831—PAGE 359. CANNOT BE USED WITH 169-4912—PAGE 59,

223-6303—PAGE 419, 173-8641—PAGE 360

AN ATTACHMENT

SMCS-6050, 6078

i01883718

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	115-4594	1	BLADE GP-SEMI-UNIVERSAL						433
Y	115-3524	2	CYLINDER GP-LIFT						350
Y	155-7704	1	HOOD & GUARD GP						251
Y	227-0756	1	LINES GP-LIFT CYLINDER						372
Y	115-4564	1	LINES GP-TILT CYLINDER						386
Y	138-7033	1	MOUNTING GP-CYLINDER						390
Y	115-4472	1	PUSH ARM GP						427
Y	142-1229	1	TRUNNION GP-BULLDOZER						430

M **8T-4137** 2 BOLT (M10X1.5X20MM)

211-8511 1 BRACKET

8T-4121 2 WASHER-HARD (11X21X2.5MM THK)

4B-4158 2 SCREW-DRIVE (3/16X0.25 IN)

2Y-9790 1 PLATE-SERIAL NUMBER (BULLDOZER)

ON BACK OF MOLDBOARD - NEAR TOP AT RH END

M-METRIC PART

Y-SEPARATE ILLUSTRATION

<END>

IMPLEMENTS

206-9544 BULLDOZER AR-SEMI-UNIVERSAL- SOUND SUPPRESSION

S/N: S6S1-UP

FOR USE WITH 229-2831-PAGE 359, 169-4912-PAGE 59. CANNOT BE USED WITH
223-6303-PAGE 419, 206-9537-PAGE 419

AN ATTACHMENT

SMCS-6050, 6078

i01883722

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	115-4594	1	BLADE GP-SEMI-UNIVERSAL						433
Y	115-3524	2	CYLINDER GP-LIFT						350
Y	155-7804	1	HOOD & GUARD GP						253
Y	227-0756	1	LINES GP-LIFT CYLINDER						372
Y	115-4564	1	LINES GP-TILT CYLINDER						386
Y	138-7033	1	MOUNTING GP-CYLINDER						390
Y	115-4472	1	PUSH ARM GP						427
Y	142-1229	1	TRUNNION GP-BULLDOZER						430
M	8T-4137	2	BOLT (M10X1.5X20MM)						
	211-8511	1	BRACKET						
	8T-4121	2	WASHER-HARD (11X21X2.5MM THK)						
	4B-4158	2	SCREW-DRIVE (3/16X0.25 IN)						
	2Y-9790	1	PLATE-SERIAL NUMBER (BULLDOZER)						
ON BACK OF MOLDBOARD - NEAR TOP AT RH END									

M-METRIC PART
Y-SEPARATE ILLUSTRATION

<END>

IMPLEMENTS

110-5226 C-FRAME GP-POWER ANGLING

S/N: B6X1-UP

PART OF 223-6303 BULLDOZER AR
AN ATTACHMENT

SMCS-6063

i01621684

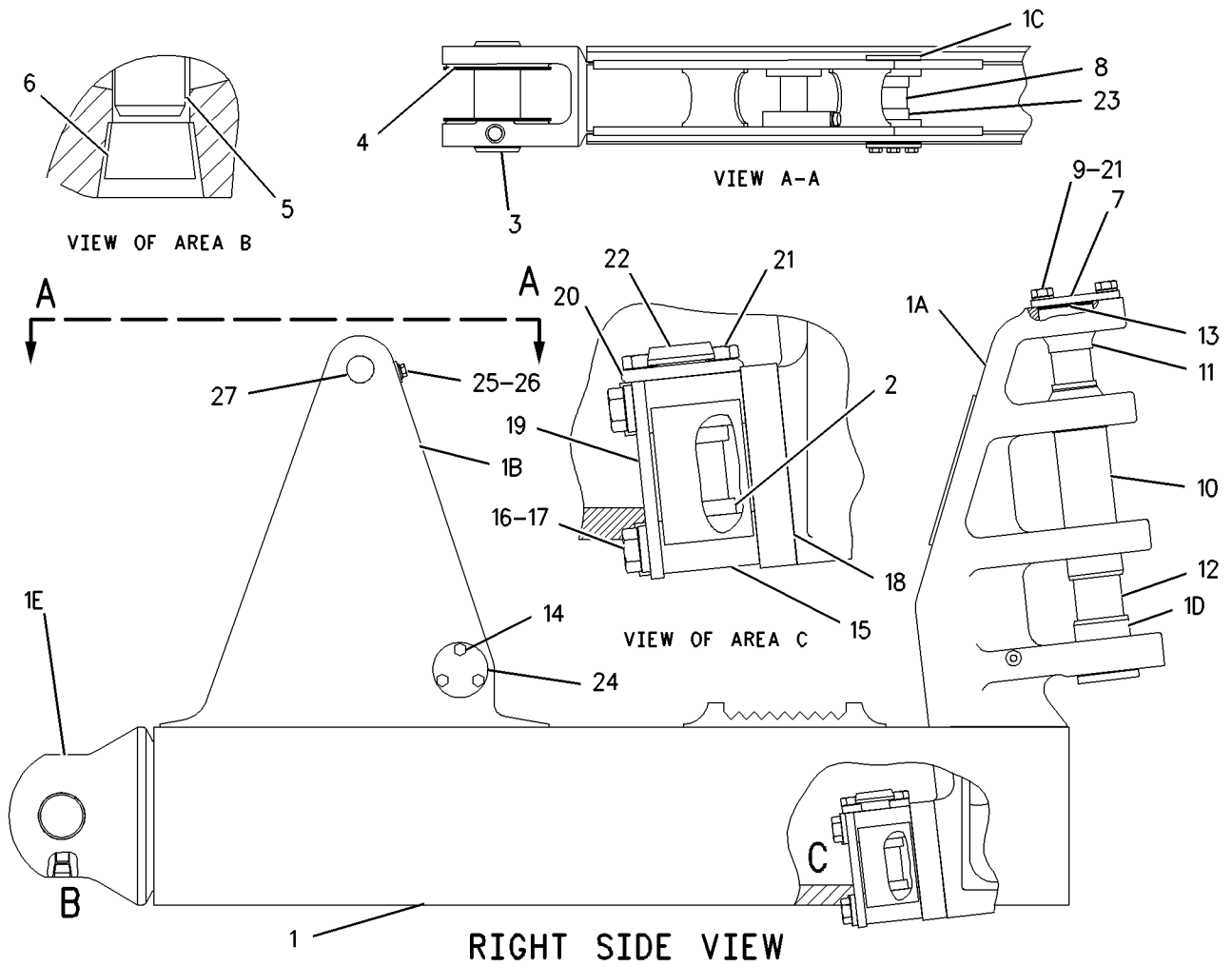
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
C	1	1	200-2649	1	FRAME AS						
		1	8P-9770	1	PLATE						
M		1	9R-2640	1	BOSS						
		1	9R-3572	1	BOSS (M12X20MM)						
	1A	1	104-7423	1	TOWER AS						
	1B	1	203-2897	1	TOWER AS (RH)						
	1C	1	124-5240	2	PLATE						
		1	200-2650	1	TOWER AS (LH)						
	1D	1	145-0804	1	SLEEVE						
	1E	1	108-8268	2	BRACKET						
		2	1	089-8249	2	SPACER (4X72X3MM THK)					
	3	1	109-0958	2	PIN						
B	4	1	4Y-4905	8	WASHER (79X175X2MM THK)						
	5	1	104-4746	2	DOWEL						
	6	1	108-5794	4	PLUG-PIPE						
	7	1	104-7391	1	CAP						
	8	1	124-5741	2	PIN						
	9	1	8T-4123	3	WASHER-PLATED (22X35X3.5MM THK)						
	10	1	161-2113	1	SPACER						
	11	1	160-5691	1	PIN						
	12	1	145-0803	1	PIN						
B	13	1	124-5235	6	SHIM (0.8MM THK)						
	14	1	124-5234	2	RETAINER						
	15	1	105-2058	1	BRACKET AS						
M	16	1	7X-2465	4	BOLT (M24X3.0X180MM)						
	17	1	8T-1482	4	WASHER-HARD (26X50X8MM THK)						
	18	1	110-5217	2	PLATE						
	19	1	104-7498	2	RETAINER						
	20	1	104-7434	1	RETAINER						
M	21	1	7X-2562	5	BOLT (M20X2.5X45MM)						
	22	1	104-4817	1	PIN						
	23	1	8G-5747	4	SPACER (45X50X15MM THK)						
M	24	1	8T-4139	6	BOLT (M12X1.75X30MM)						
M	25	1	8T-5041	2	BOLT (M12X1.75X120MM)						
	26	1	8T-4223	2	WASHER-HARD (13.5X25.5X3MM THK)						
	27	1	124-5233	2	PIN						

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

IMPLEMENTS

110-5226 C-FRAME GP - POWER ANGLING (contd.)

i01621684



GRAPHIC #1

<END>

g00853018

IMPLEMENTS

190-5328 LINK GP-PITCH

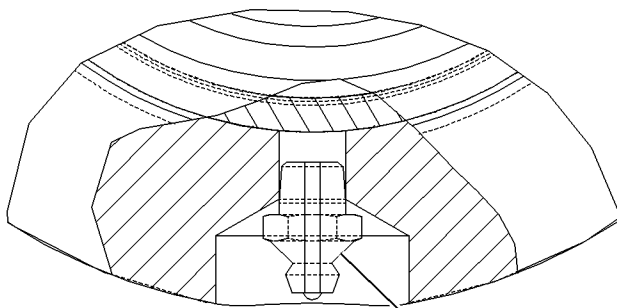
S/N: B6X1-UP

PART OF 223-6303 BULLDOZER AR
AN ATTACHMENT

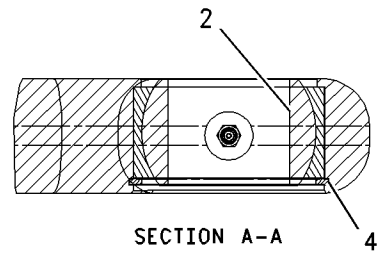
SMCS-6079, 6081

i01883724

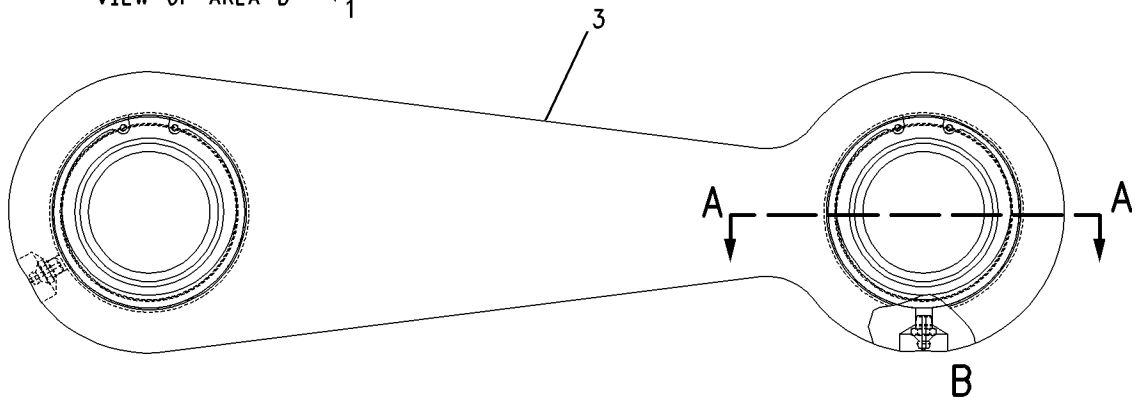
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3B-8489	2	FITTING-GREASE (1/8-27 THD) (PITCH LINK)						
	2	1	7J-1309	2	BEARING						
	3	1	188-3757	1	LINK						
	4	1	1S-3311	2	RING-RETAINING						



VIEW OF AREA B 1



SECTION A-A 4



GRAPHIC #1

<END>

g00827872

IMPLEMENTS

3A-8609 MOUNTING GP-RIPPER

S/N: TPP1-UP

PART OF 180-4560 RIPPER AR
AN ATTACHMENT

SMCS-6165, 6324

i01796750

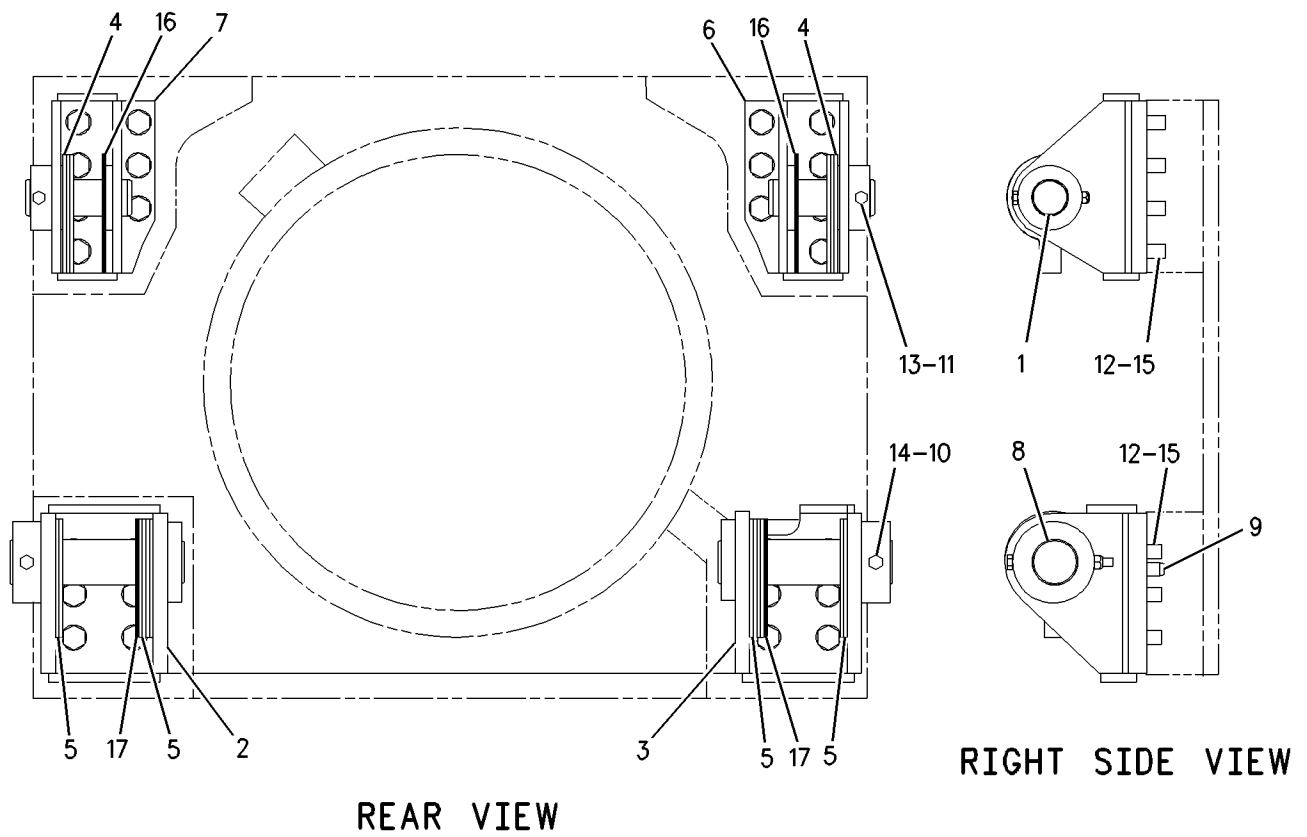
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1U-0063	2	PIN						
	2	1	3A-8613	1	BRACKET AS-LH						
	3	1	3A-8614	1	BRACKET AS-RH						
B	4	1	193-3074	6	SPACER (52X120X5MM THK)						
B	5	1	9N-4450	12	SPACER (68X120X5MM THK)						
	6	1	114-5671	1	PLATE AS-RH						
	7	1	114-5672	1	PLATE AS-LH						
	8	1	1U-0159	2	PIN						
	9	1	6K-8987	2	DOWEL						
M	10	1	6V-7687	2	LOCKNUT (M12X1.75 THD)						
M	11	1	6V-7744	2	LOCKNUT (M10X1.5 THD)						
	12	1	8T-4123	26	WASHER-PLATED (22X35X3.5MM THK)						
M	13	1	8T-4198	2	BOLT (M10X1.5X100MM)						
M	14	1	8T-5412	2	BOLT (M12X1.75X140MM)						
M	15	1	8T-6430	26	BOLT (M20X2.5X50MM)						
B	16	1	193-3075	6	SPACER (52X121X.5MM THK)						
B	17	1	9N-4449	6	SPACER (68X121X1.5MM THK)						

B-USE AS REQUIRED
M-METRIC PART

IMPLEMENTS

3A-8609 MOUNTING GP-RIPPER (contd.)

i01796750



REAR VIEW

RIGHT SIDE VIEW

GRAPHIC #1

<END>

g00921215

IMPLEMENTS

134-6775 PIN GP-DOZER

S/N: B6X1-UP

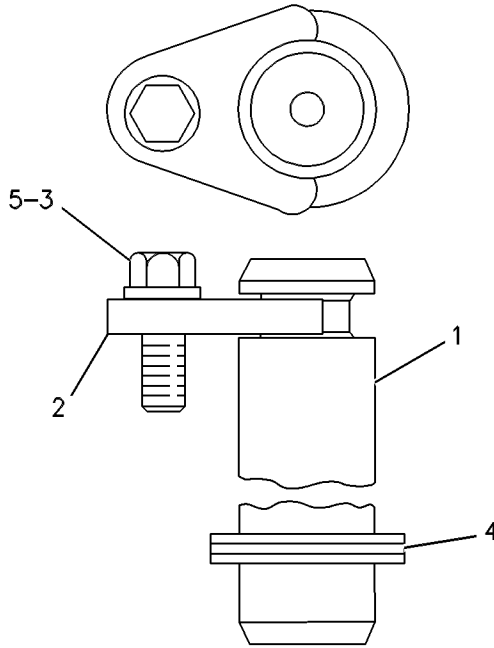
PART OF 223-6303 BULLDOZER AR
AN ATTACHMENT

SMCS-6108

i00598343

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3G-8932	2	PIN						
	2	1	4T-0231	2	RETAINER						
M	3	1	8T-4956	2	BOLT (M12X1.75X35MM)						
B	4	1	4J-0805	6	WASHER						
	5	1	8T-4223	2	WASHER-HARD (3MM THK)						

B-USE AS REQUIRED
M-METRIC PART



GRAPHIC #1

<END>

g00263201

IMPLEMENTS

115-4472 PUSH ARM GP

S/N: S6D1-UP; S6S1-UP

PART OF 206-9537, 206-9544 BULLDOZER AR-SEMI-UNIVERSAL
AN ATTACHMENT

SMCS-6061

i01877294

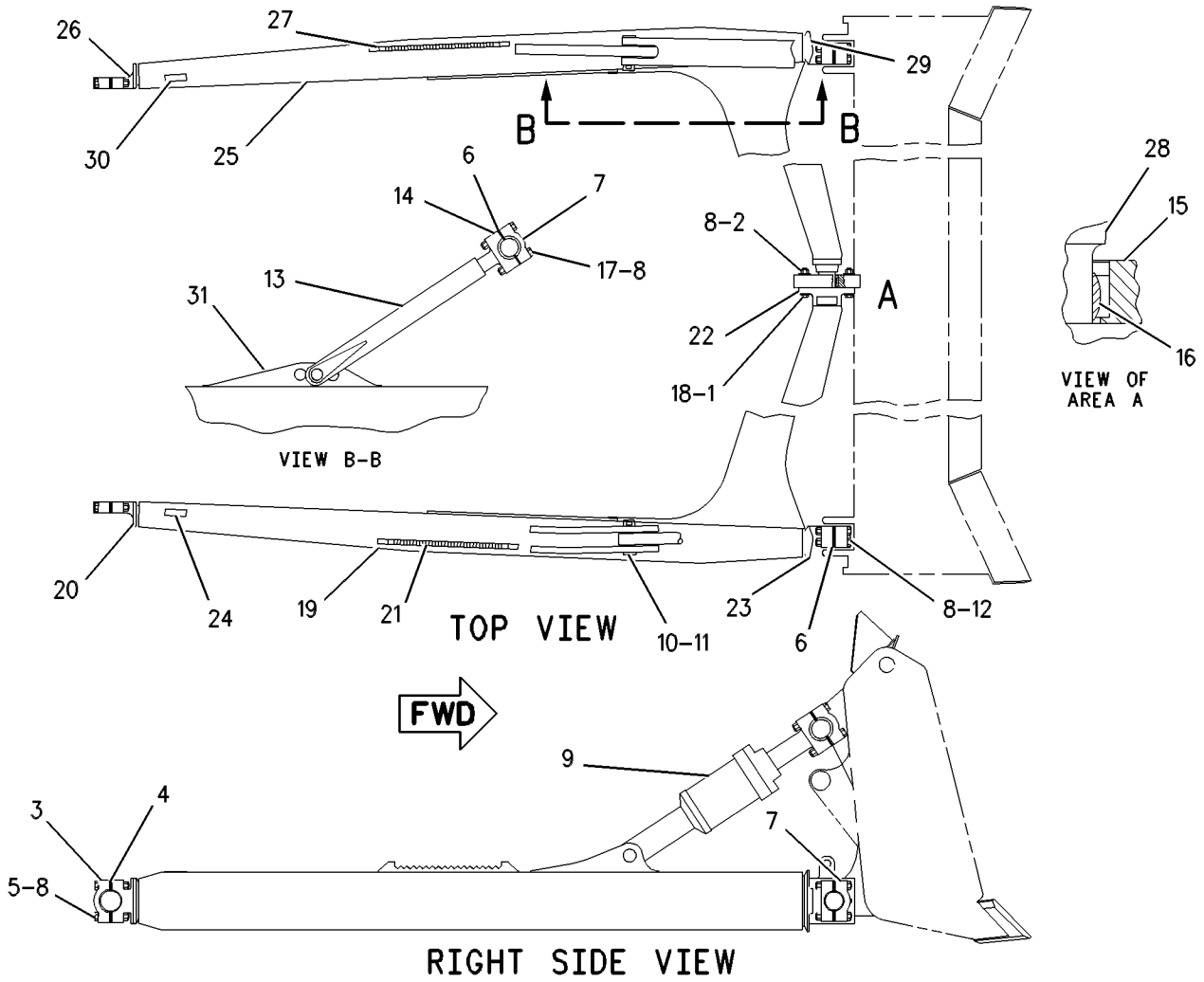
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8T-4123	6	WASHER-PLATED (22X35X3.5MM THK)						
	2	1	8T-5439	6	WASHER (21.5X45X6MM THK)						
	3	1	160-6306	2	CAP-BEARING						
B	4	1	8E-5701	52	SHIM (.8MM THK)						
M	5	1	8T-6381	4	BOLT (M20X2.5X120MM)						
B	6	1	8E-5703	78	SHIM (0.8MM THK)						
	7	1	8J-2880	3	CAP-BEARING						
M	8	1	8T-4131	22	NUT (M20X2.5 THD)						
Y	9	1	115-3523	1	CYLINDER GP-TILT						354
	10	1	3F-6185	2	PIN (44.3MM OD)						
	11	1	4F-0255	2	PIN (.5 IN OD)						
M	12	1	7X-2532	8	BOLT (M20X2.5X130MM)						
	13	1	124-9672	1	BRACE AS-TILT						
B		1	8E-5703	14	SHIM (0.8MM THK)						
	14	1	8E-2887	1	YOKE						
	15	1	4T-1520	1	CAGE AS						
	16	1	6J-5383	1	BEARING						
M	17	1	8C-8478	4	BOLT (M20X2.5X140MM)						
M	18	1	7X-2566	6	BOLT (M20X2.5X110MM)						
	19	1	115-4473	1	ARM AS						
	20	1	3G-6313	1	BEARING						
	21	1	1U-2533	1	BAR						
	22	1	4T-0732	1	BRACKET						
	23	1	9W-9165	1	BEARING						
	24	1	8P-9770	1	PLATE						
	25	1	115-4474	1	ARM AS						
	26	1	3G-6313	1	BEARING						
	27	1	1U-2533	1	BAR						
	28	1	4T-0780	1	TRUNNION						
	29	1	9W-9165	1	BEARING						
	30	1	8P-9770	1	PLATE						
	31	1	115-4522	1	BRACKET						

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

IMPLEMENTS

115-4472 PUSH ARM GP (contd.)

i01877294



GRAPHIC #1

<END>

g00541344

IMPLEMENTS

180-4560 RIPPER AR

S/N: TPP1-UP

FOR USE WITH 156-9510—PAGE 359. CANNOT BE USED WITH WINCH AR, DRAWBAR MUST BE
REMOVED, 107-4068—PAGE 236
AN ATTACHMENT

SMCS-6312, 6316

i01892842

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	9T-2716	1	CYLINDER GP-RIPPER LIFT						352
Y	180-4561	1	LINES GP-RIPPER						384
Y	3A-8609	1	MOUNTING GP-RIPPER						424
Y	5P-1101	1	PLATE & FILM GP						550
Y	155-5322	1	RIPPER GP						437
Y-SEPARATE ILLUSTRATION									

<END>

IMPLEMENTS

142-1229 TRUNNION GP - BULLDOZER

S/N: S6D1-UP; S6S1-UP

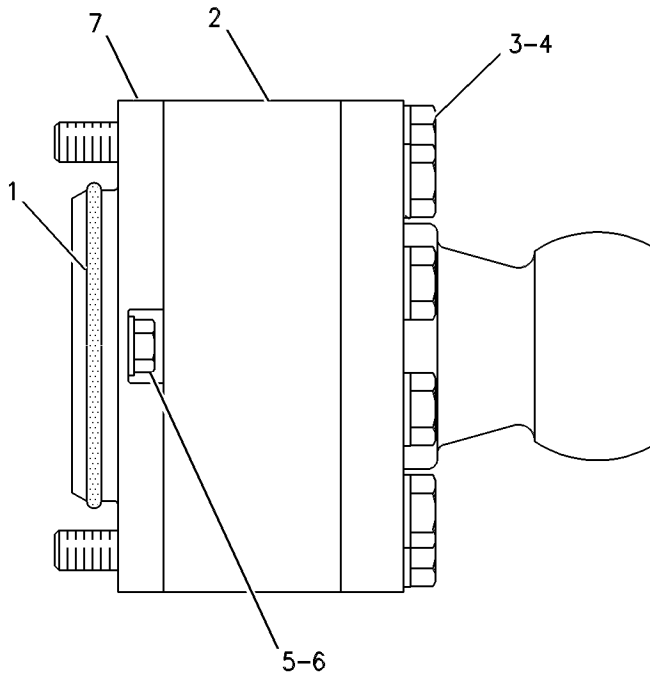
PART OF 206-9537, 206-9544 BULLDOZER AR-SEMI-UNIVERSAL
AN ATTACHMENT

SMCS-6069

i01877303

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-1979	2	SEAL-O-RING						
	2	1	9U-8909	2	TRUNNION AS						
					(EACH INCLUDES)						
		1	9J-2759	1	TRUNNION						
M	3	1	7X-2475	20	BOLT (M16X2X130MM)						
	4	1	8T-4122	20	WASHER-HARD (17X32X3.5MM THK)						
M	5	1	8T-4192	4	BOLT (M12X1.75X25MM)						
	6	1	8T-4223	4	WASHER-HARD (13.5X25.5X3MM THK)						
	7	1	143-3148	2	COVER						

M-METRIC PART



GRAPHIC #1

<END>

g00289283

WORK TOOLS

110-5230 BLADE GP-ANGLING

S/N: CCK1-UP; B6X1-UP

PART OF 223-6303 BULLDOZER AR
AN ATTACHMENT

SMCS-6052, 6060

i01830122

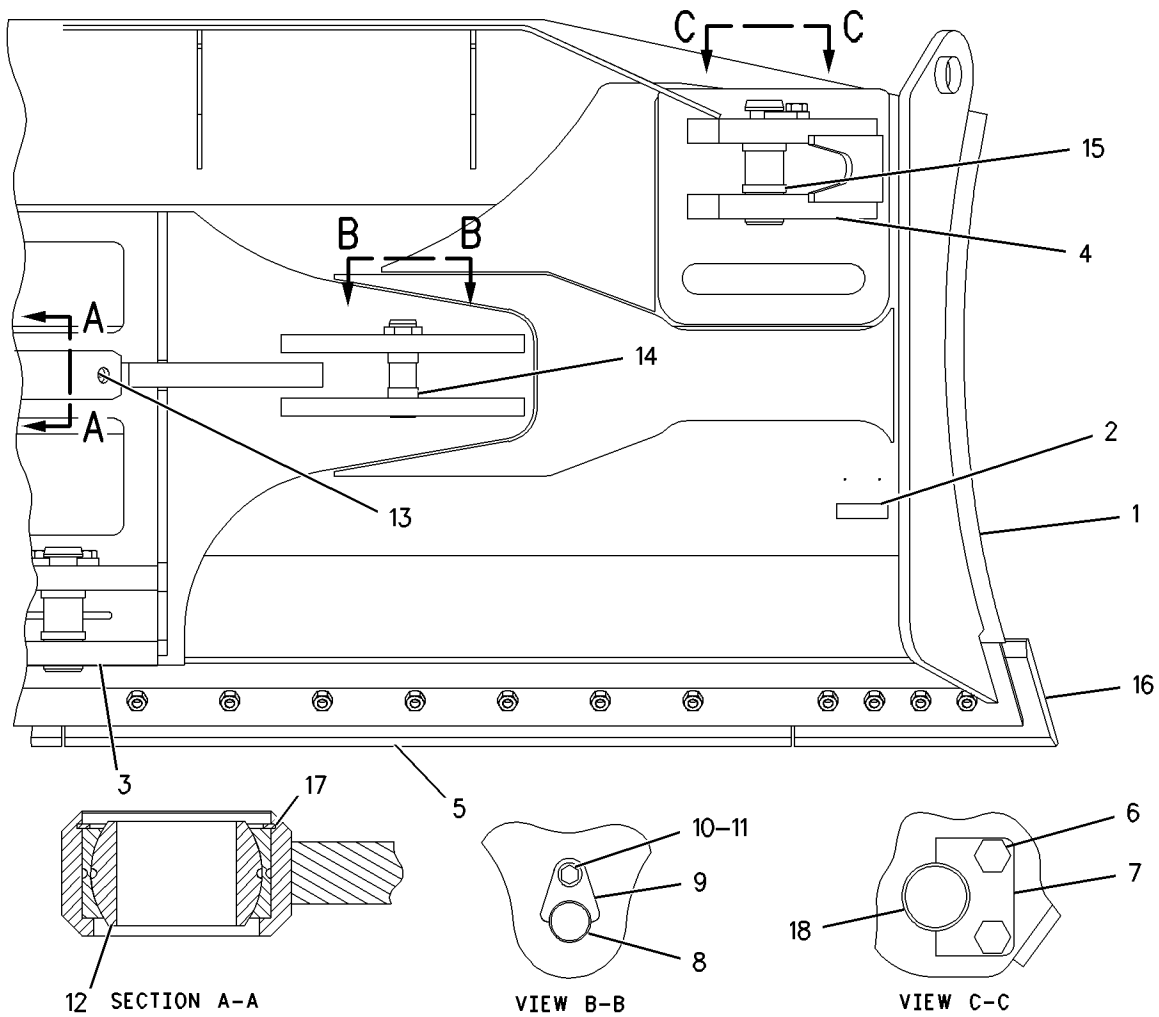
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	110-5229	1	BLADE AS						
	2	1	8P-9770	1	PLATE						
	3	1	110-5227	1	BRACKET AS (CENTER)						
	4	1	110-5228	1	BRACKET AS						
	5	1	8E-9502	1	SUPPORT						
M	6	1	7X-2562	4	BOLT (M20X2.5X45MM)						
	7	1	104-7434	2	RETAINER						
	8	1	3G-8932	2	PIN						
	9	1	4T-0231	2	RETAINER						
M	10	1	8T-4956	2	BOLT (M12X1.75X35MM)						
	11	1	8T-4223	2	WASHER-HARD (13.5X25.5X3MM THK)						
	12	1	197-6440	1	BEARING						
	13	1	3B-8489	2	FITTING-GREASE (ANGLING BULLDOZER BLADE)						
	14	1	8G-5747	4	SPACER (45X50X15MM THK)						
	15	1	089-8249	4	SPACER (4X72X3MM THK)						
Y	16	1	8E-9380	1	EDGE GP-BIT & CUTTING						435
	17	1	8J-8905	1	RING-LOCK						
	18	1	104-4817	2	PIN						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

WORK TOOLS

110-5230 BLADE GP-ANGLING (contd.)

i01830122



GRAPHIC #1

<END>

g00883556

WORK TOOLS

115-4594 BLADE GP-SEMI-UNIVERSAL

S/N: S6D1-UP; CCK1-UP; S6S1-UP
 PART OF 206-9537, 206-9544 BULLDOZER AR-SEMI-UNIVERSAL
 AN ATTACHMENT

SMCS-6060, 6078

i01876964

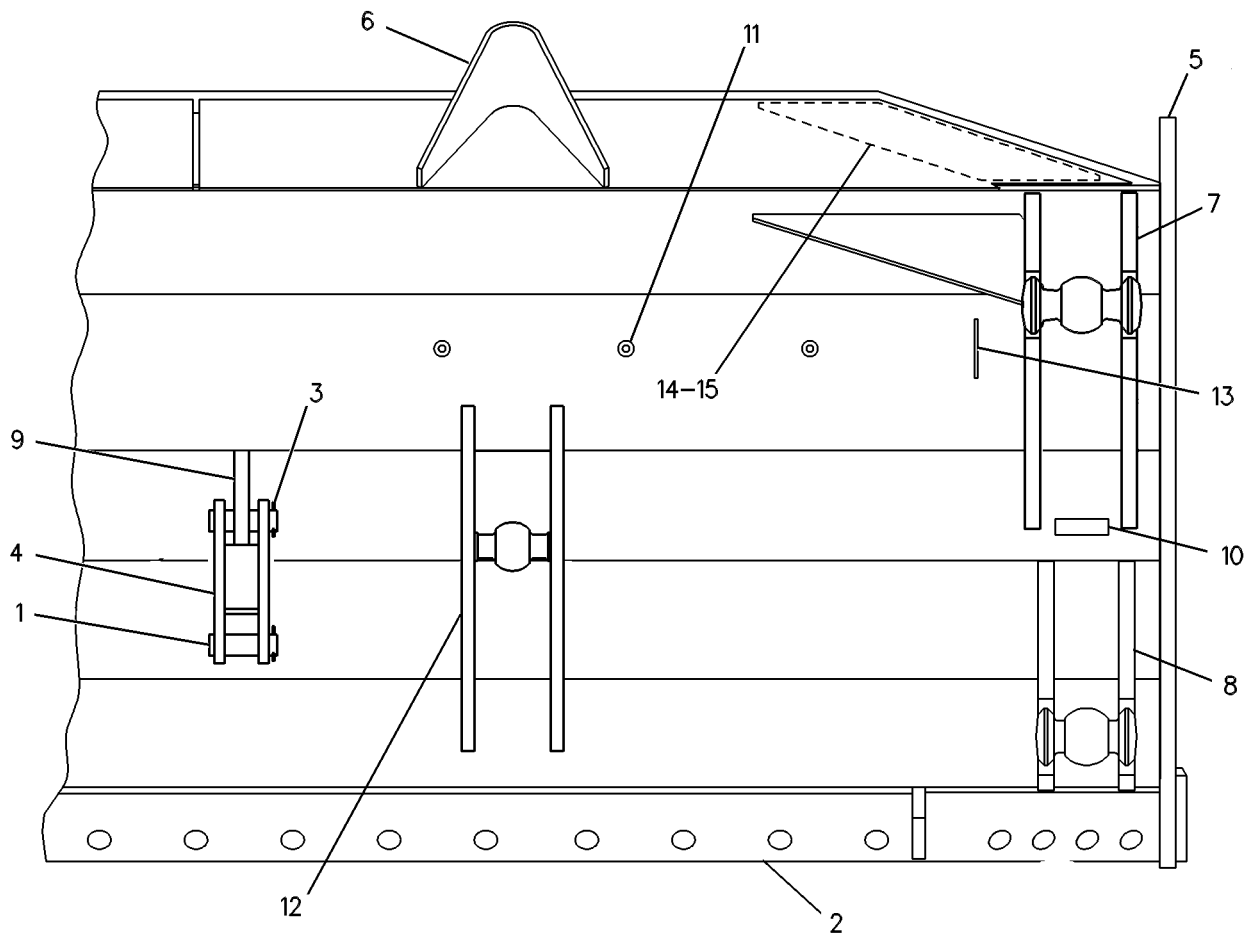
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8H-8898	2	PIN						
Y	2	1	<i>9U-8079</i>	1	EDGE GP-BIT & CUTTING						436
	3	1	3B-4630	2	PIN-COTTER						
	4	1	4T-1481	1	LINK AS						
	5	1	115-4595	1	BLADE AS-SEMI-UNIVERSAL						
	6	1	1U-0183	2	DEFLECTOR						
	7	1	6I-9420	2	BRACKET AS						
					(EACH INCLUDES)						
		1	7J-5131	1	TRUNNION						
	8	1	8E-5192	2	BRACKET AS						
					(EACH INCLUDES)						
		1	4J-1641	1	TRUNNION						
	9	1	8E-5194	1	BRACKET						
	10	1	8P-9770	1	PLATE						
	11	1	9R-3572	3	BOSS (M12X20MM)						
	12	1	9U-8506	2	BRACKET AS						
					(EACH INCLUDES)						
		1	4T-1504	1	TRUNNION						
	13	1	9W-6381	1	PLATE						
	14	1	6I-9461	1	PLATE-LH						
	15	1	6I-9462	1	PLATE-RH						

Y-SEPARATE ILLUSTRATION

WORK TOOLS

115-4594 BLADE GP - SEMI - UNIVERSAL (contd.)

i01876964



GRAPHIC #1

<END>

g00253649

WORK TOOLS

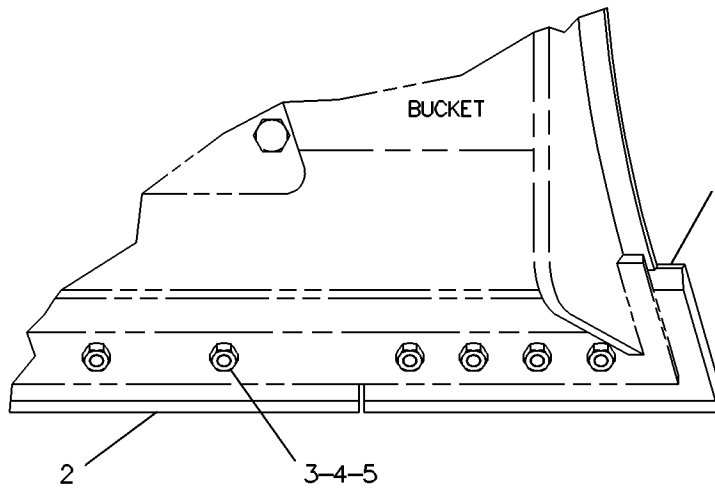
8E-9380 EDGE GP-BIT & CUTTING

S/N: CCK1-UP; B6X1-UP
PART OF 110-5230 BLADE GP-ANGLING
AN ATTACHMENT

SMCS-6801, 6804

i00599768

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8E-9378	1	BIT-END-LH						
		1	8E-9379	1	BIT-END-RH						
	2	1	3G-4282	2	EDGE-CUTTING						
	3	1	5J-4773	22	BOLT-PLOW (3/4-10X2.5IN)						
	4	1	5P-8248	22	WASHER-HARD (3.5MM THK)						
	5	1	2J-3506	22	NUT-FULL (3/4-10 THD)						



GRAPHIC #1

<END>

g00223481

WORK TOOLS

9U-8079 EDGE GP-BIT & CUTTING-WIDE GAGE

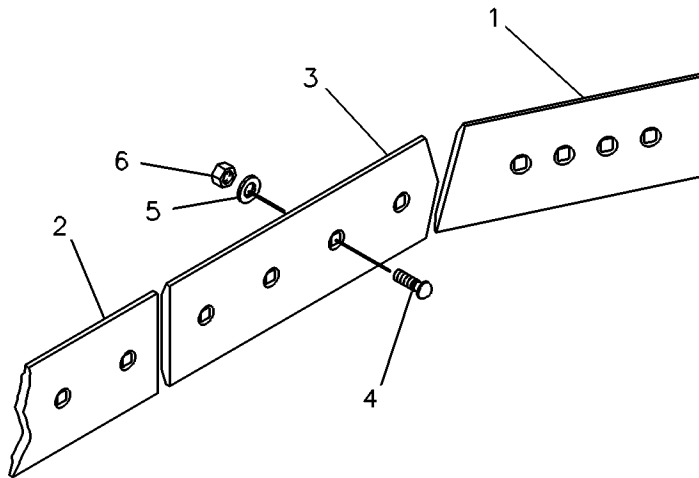
S/N: S6D1-UP; CCK1-UP; S6S1-UP

PART OF 115-4594 BLADE GP-SEMI-UNIVERSAL
AN ATTACHMENT

SMCS-6801, 6804

i01877671

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8E-9378	1	BIT-END (LH)						
		1	8E-9379	1	BIT-END (RH)						
	2	1	4T-6659	1	EDGE-CUTTING						
	3	1	9U-8057	2	EDGE-CUTTING						
	4	1	5J-4773	23	BOLT-PLOW (3/4-10X2.5 IN)						
	5	1	5P-8248	23	WASHER-HARD (20X36.5X3.5MM THK)						
	6	1	2J-3506	23	NUT-FULL (3/4-10 THD)						



GRAPHIC #1

<END>

g00223834

WORK TOOLS

155-5322 RIPPER GP

S/N: TPP1-UP

PART OF 180-4560 RIPPER AR
AN ATTACHMENT

SMCS-6311, 6312, 6315, 6316, 6325

i01883728

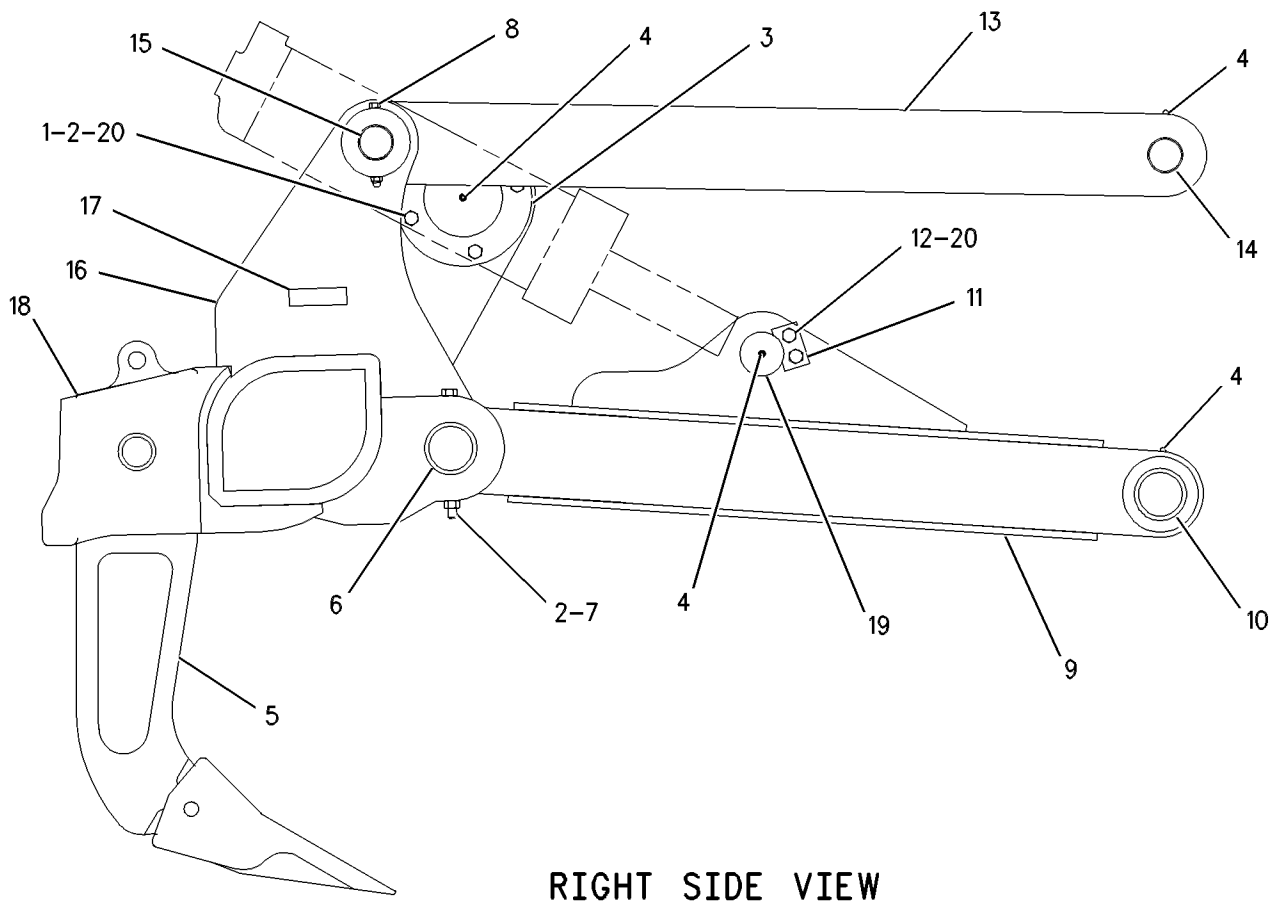
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	8T-4648	8	BOLT (M12X1.75X70MM)						
M	2	1	8T-4244	10	NUT (M12X1.75 THD)						
	3	1	4K-3004	2	BEARING-TRUNNION SUPPLEMENTARY						
	4	1	3B-8489	11	FITTING-GREASE (1/8-27 THD) (RIPPER)						
Y	5	1	8J-2189	3	TOOTH GP-RIPPER						439
	6	1	1U-0159	2	PIN						
M	7	1	8T-7929	2	BOLT (M12X1.75X180MM)						
M	8	1	6V-7744	2	LOCKNUT (M10X1.5 THD)						
M		1	7X-2543	2	BOLT (M10X1.5X120MM)						
	9	1	121-0792	1	LINK AS						
		1	8P-9770	1	PLATE						
	10	1	9W-0099	4	BEARING-SLEEVE						
	11	1	2K-0703	1	BAR						
M	12	1	8T-4139	2	BOLT (M12X1.75X30MM)						
	13	1	3A-8612	2	LINK AS						
					(EACH INCLUDES)						
	14	1	7J-9682	2	BEARING-SLEEVE						
	15	1	9J-9598	2	PIN						
		1	9T-5900	6	WASHER (51.2X98X4.76MM THK)						
	16	1	3A-8608	1	CARRIAGE AS						
	17	1	8P-9770	1	PLATE						
	18	1	5K-7748	3	HOLDER-TOOTH						
	19	1	3K-8510	1	PIN						
	20	1	8T-4223	18	WASHER-HARD (13.5X25.5X3MM THK)						

M - METRIC PART
Y - SEPARATE ILLUSTRATION

WORK TOOLS

155-5322 RIPPER GP (contd.)

i01883728



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g00591224

WORK TOOLS

8J-2189 TOOTH GP-RIPPER-STRAIGHT SHANK

S/N: TPP1-UP

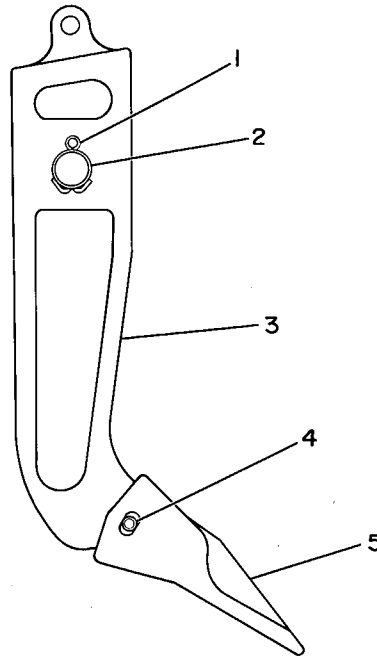
PART OF 155-5322 RIPPER GP
AN ATTACHMENT

SMCS-6808, 6810

i01893140

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3B-5325	2	PIN-COTTER						
	2	1	8J-2190	1	PIN						
	3	1	9J-3139	1	SHANK-RIPPER						
C	4	1	114-0358	1	PIN-G.E.T.						
C		1	114-0359	1	RETAINER AS-G.E.T.						
	5	1	6Y-0359	1	TIP-RIPPER						

C-CHANGE FROM PREVIOUS TYPE



GRAPHIC #1

<END>

g00081660

WORK TOOLS

9J-8926 TOOTH GP-RIPPER-CURVED SHANK

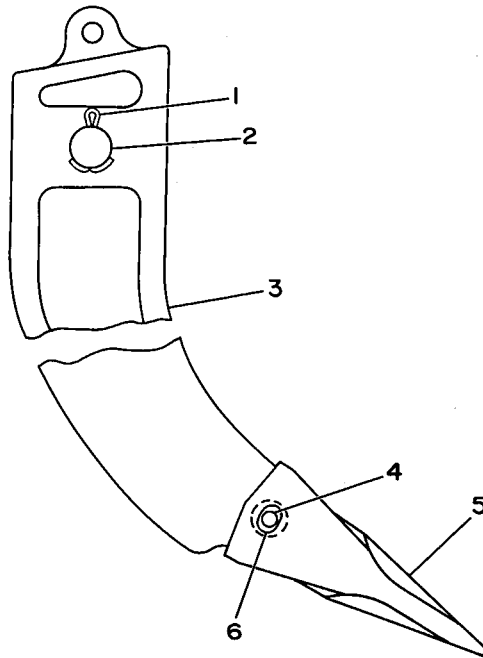
S/N: CCK1-UP

PART OF 135-9795 TOOTH GP-RIPPER
AN ATTACHMENT

SMCS-6808, 6810

i01095060

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3B-5325	2	COTTER						
	2	1	8J-2190	1	PIN						
	3	1	9J-8923	1	SHANK-RIPPER						
	4	1	114-0358	1	PIN-G.E.T.						
	5	1	6Y-0352	1	TIP-RIPPER						
	6	1	114-0359	1	RETAINER AS-G.E.T.						



GRAPHIC #1

<END>

g00174183

WORK TOOLS

135-9795 TOOTH GP-RIPPER—CURVED SHANK

S/N: CCK1-UP

FOR USE WITH 180-4560—PAGE 429
AN ATTACHMENT

SMCS-6808, 6810

i01053123

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	9J-8926	3	TOOTH GP-RIPPER						440
Y-SEPARATE ILLUSTRATION									

<END>

OPERATOR STATION

6W-8505 ADJUSTER GP-SEAT

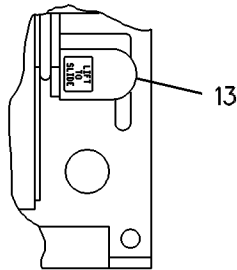
S/N: CCK1-UP

PART OF 6W-8502 SUSPENSION GP-SEAT
AN ATTACHMENT

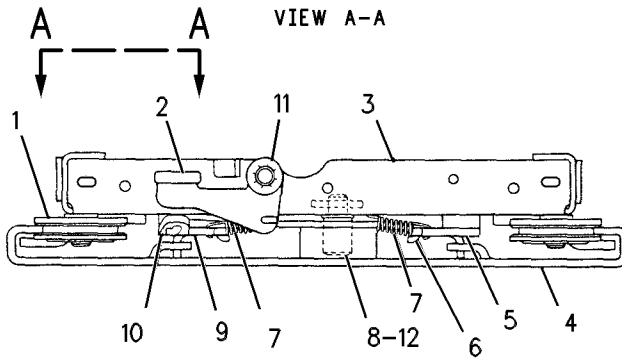
SMCS-7321

i01857995

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8V-4881	4	ROLLER						
	2	1	4V-7860	1	LEVER (SEAT ADJUSTER)						
	3	1	6W-8506	1	HOUSING AS-LOWER						
	4	1	4V-7850	1	PLATE-SLIDE TRACK						
	5	1	4V-7855	1	LATCH AS						
	6	1	4V-7881	1	ROD-LATCH						
	7	1	4V-8256	2	SPRING						
	8	1	013-8289	1	BOLT						
	9	1	4V-7859	1	ROD-LATCH						
	10	1	4V-7857	1	LATCH AS						
	11	1	5V-1497	7	RETAINER						
	12	1	1B-6182	1	SPACER (13.11X19.05X1.18MM THK)						
	13	1	4V-7865	1	CAP						



VIEW A-A



GRAPHIC #1

<END>

g00088174

OPERATOR STATION

173-1028 ADJUSTER GP-SEAT

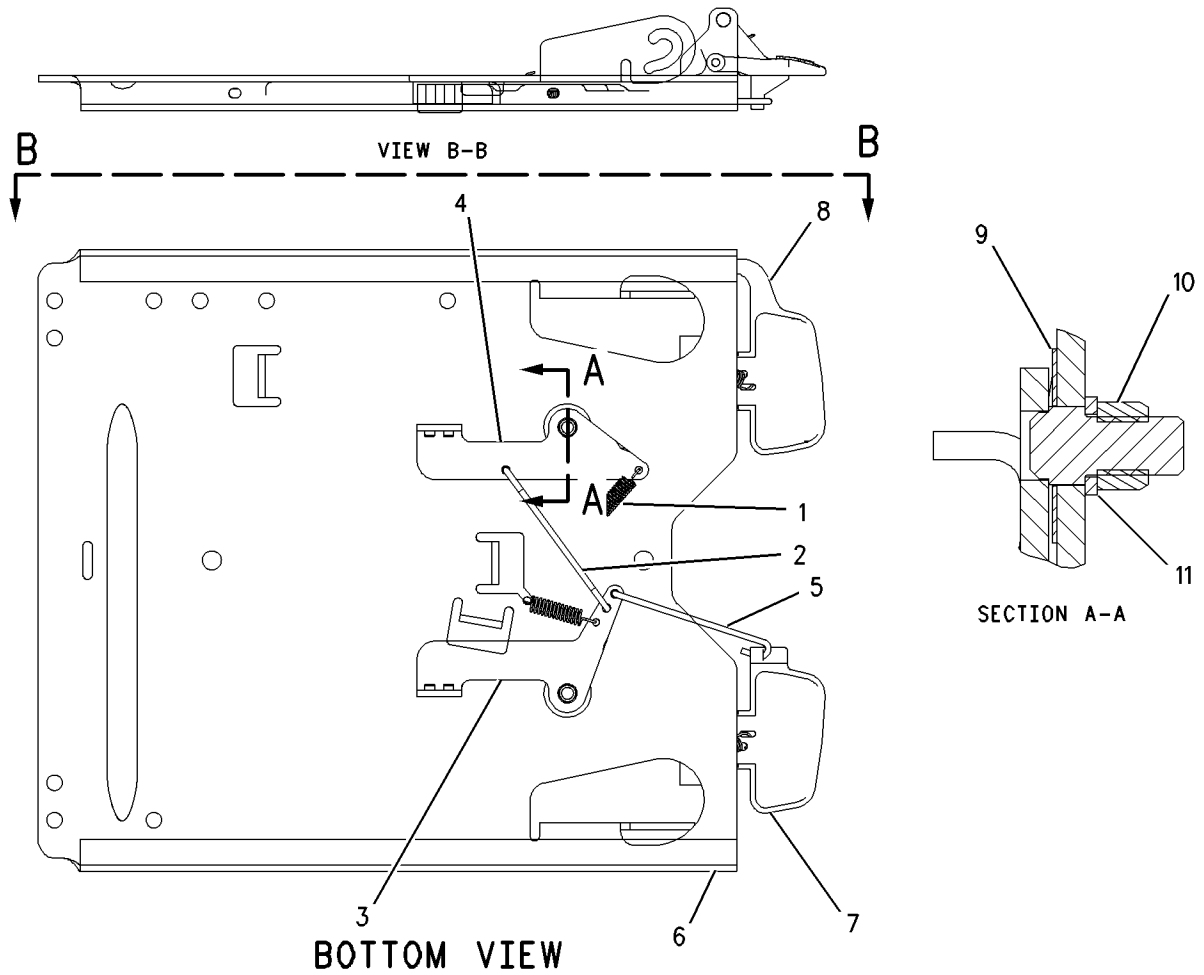
S/N: CCK1-UP

PART OF 178-0603, 180-7304 SEAT GP
AN ATTACHMENT

SMCS-7321

i01582195

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4V-8256	4	SPRING						
	2	1	117-4492	1	ROD						
	3	1	136-1544	1	LATCH AS-LH						
	4	1	156-5545	1	LATCH AS-RH						
	5	1	164-4531	1	ROD						
	6	1	170-1112	1	PLATE AS						
	7	1	170-1114	1	HANDLE (SLIDE ADJUSTMENT)						
	8	1	170-1115	1	HANDLE (TILT ADJUSTMENT)						
	9	1	132-0338	2	WASHER-PLASTIC						
	10	1	2K-4973	2	LOCKNUT (3/8-16 THD)						
	11	1	7X-0608	2	WASHER-HARD (10.2X16X2.0MM THK)						



GRAPHIC #1

<END>

g00816460

OPERATOR STATION

108-0720 AIR CONDITIONER GP

S/N: CCK1-UP

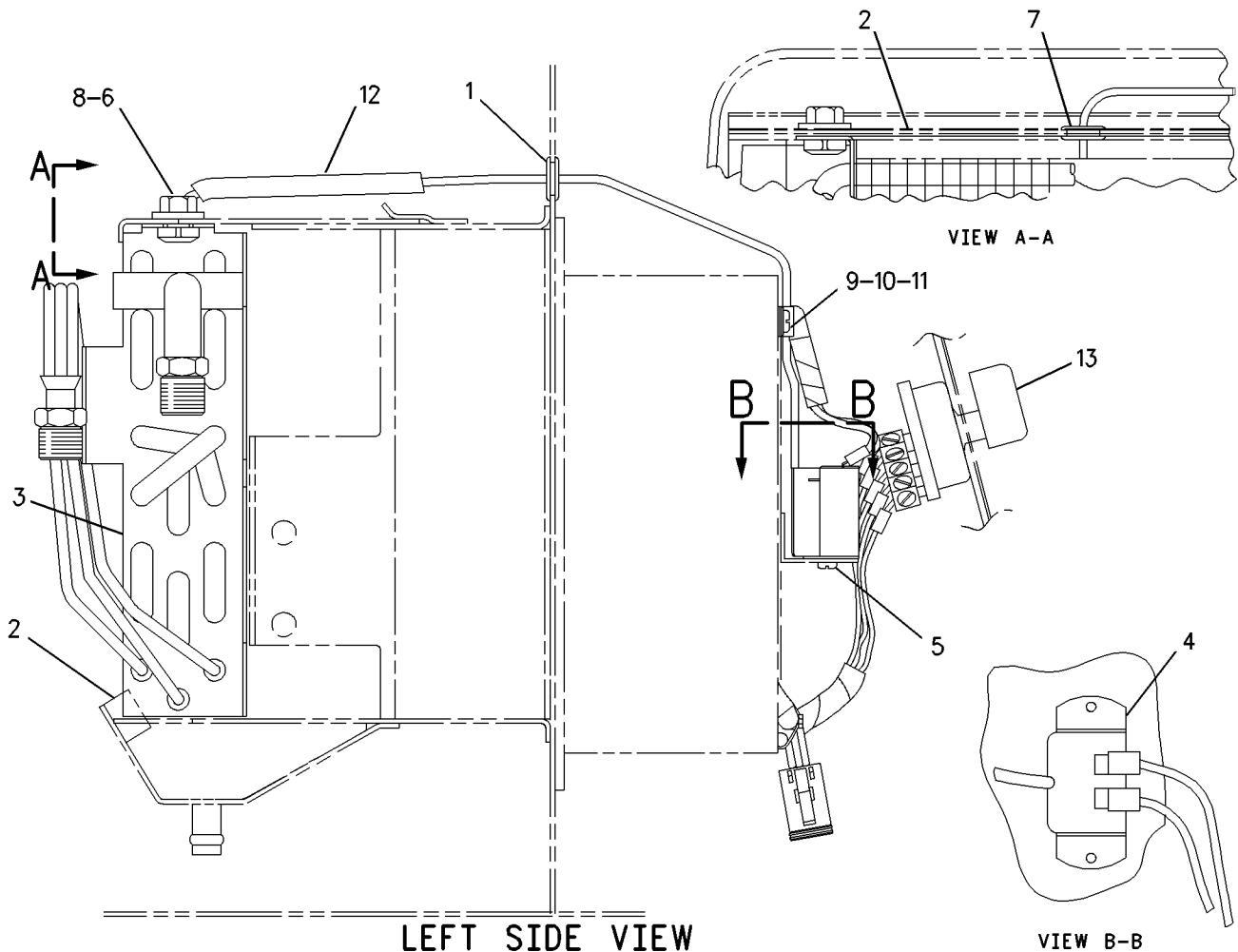
PART OF 167-1458 AIR CONDITIONER GP

SMCS-7320

i01894303

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6K-9555	1	GROMMET (7.9MM OD)						
					-OR-						
		1	2V-1937	1	GROMMET (14.3MM OD)						
BD	2	1	5P-5643		SEAL						
	3	1	109-6406	1	COIL AS						
	4	1	3E-5464	1	SWITCH AS-THERMOSTAT (A/C)						
	5	1	6L-7159	2	SCREW-MACHINE (8-32X.313 IN)						
M	6	1	8T-4191	2	BOLT (M10X1.5X16MM)						
	7	1	2V-1937	1	GROMMET						
	8	1	5P-1075	2	WASHER-HARD (10.2X22.5X3MM THK)						
B	9	1	1V-3113	1	CLIP						
B	10	1	2A-3211	1	WASHER (5.5X12.3X.8MM THK)						
B	11	1	7S-4346	1	SCREW-MACHINE (10-32X0.5 IN)						
D	12	1	5P-5992		HOSE (.1M)						
A	13	1	110-6109	1	KNOB-CONTROL (A/C)						

A - NOT PART OF THIS GROUP
 B - USE AS REQUIRED
 D - ORDER BY THE METER
 M - METRIC PART



GRAPHIC #1

<END>

g00632509

OPERATOR STATION

167-1458 AIR CONDITIONER GP

S/N: CCK1-UP

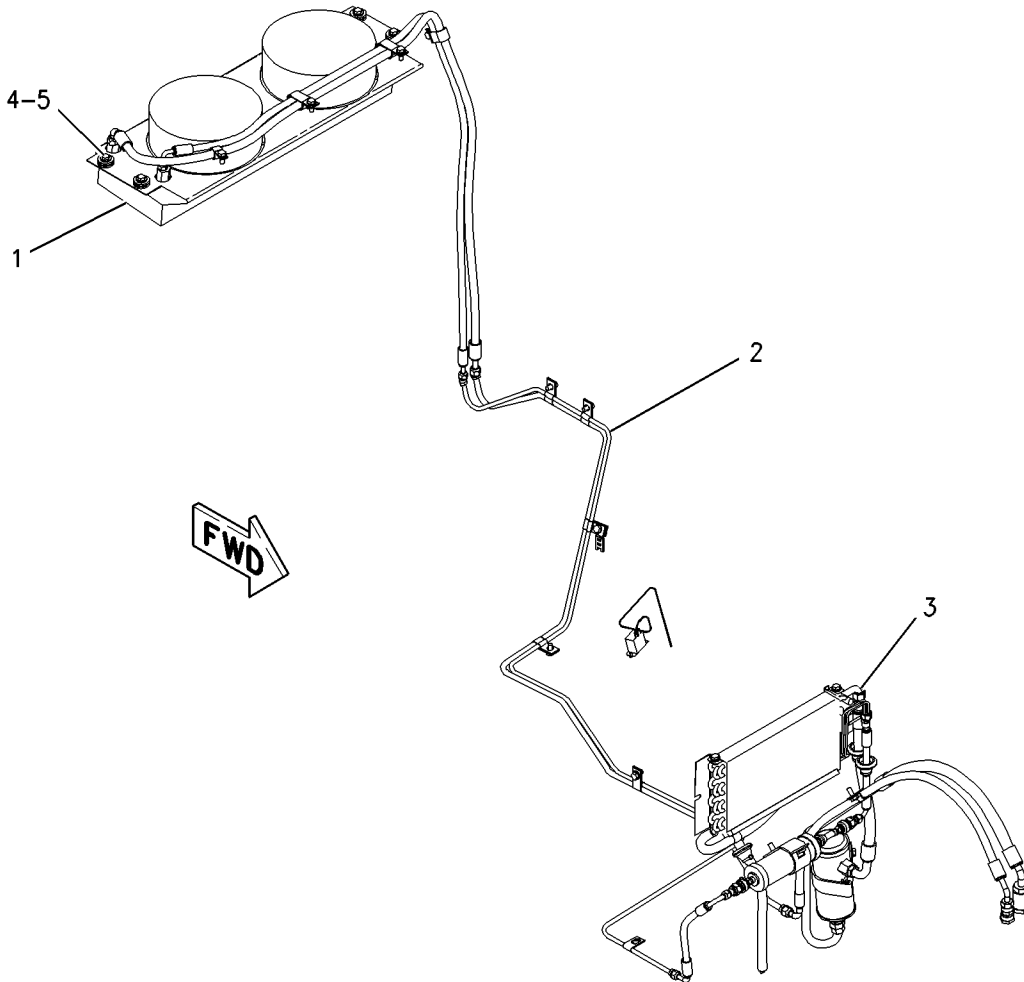
PART OF 217-3819 CAB GP

SMCS-7320

i01829137

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	175-2540	1	CONDENSER GP-REFRIGERANT						457
Y	2	1	171-9593	1	LINES GP-AIR CONDITIONER						485
Y	3	1	108-0720	1	AIR CONDITIONER GP						444
	4	1	7X-7729	4	WASHER (11X25X3MM THK)						
M	5	1	8T-4196	4	BOLT (M10X1.5X35MM)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00909286

OPERATOR STATION

198-7281 BLOWER GP-CAB

S/N: CCK1-UP

PART OF 163-0152 PRESSURIZER GP-CAB

SMCS-7316

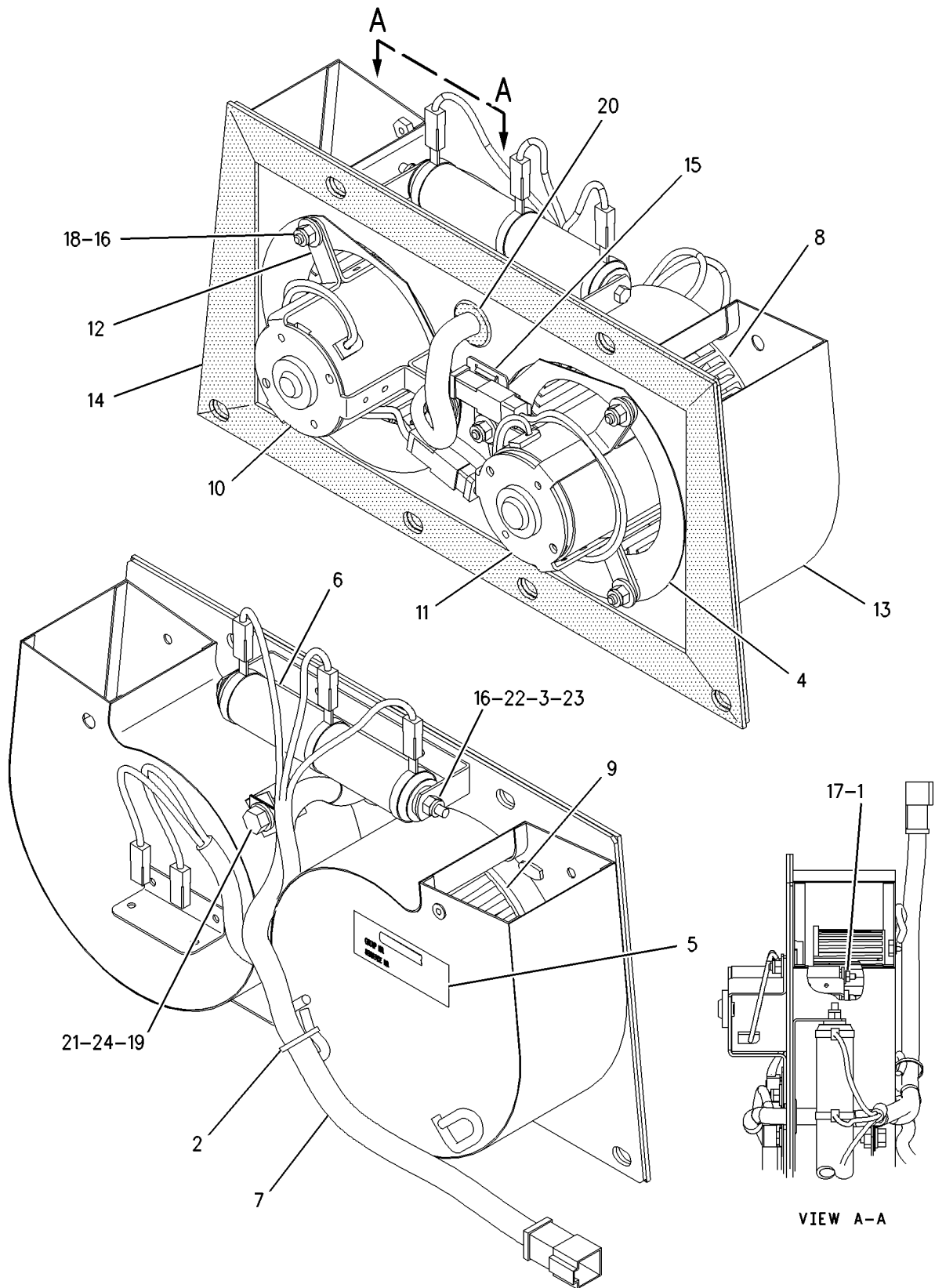
i01899227

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1M-1230	4	NUT & LOCK AS						
	2	1	3S-2093	1	STRAP-CABLE						
	3	1	6T-6708	2	WASHER (7X28.6X4.1MM THK)						
	4	1	7G-0942	2	PLATE-ORIFICE						
	5	1	8C-3756	1	FILM-IDENTIFICATION (GROUP & SEQUENCE NO.) (CAB BLOWER)						
	6	1	9G-1950	1	RESISTOR						
	7	1	111-7198	1	HARNES AS (CAB BLOWER)						
		1	102-8802	1	KIT-RECEPTACLE (2 PIN)						
		1	102-8805	1	KIT-RECEPTACLE (6 PIN)						
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS AND WEDGE)						
		1	8T-8737	1	PLUG-SEAL						
		1	155-2270	1	KIT-CONNECTING PLUG (2 PIN)						
					(INCLUDES PLUG AS, WEDGE AND INTERFACE SEAL)						
8	1	1	118-5194	1	WHEEL-BLOWER						
		1	037-4838	1	CLAMP						
9	1	1	118-5195	1	WHEEL-BLOWER						
		1	037-4838	1	CLAMP						
10	1	1	174-1504	1	MOTOR AS						
		1	9W-0852	2	PIN-CONNECTOR						
		1	102-8802	1	KIT-RECEPTACLE (2 PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
11	1	1	174-1505	1	MOTOR AS						
		1	9W-0844	2	SOCKET-CONNECTION						
		1	155-2270	1	KIT-CONNECTING PLUG (2 PIN)						
					(INCLUDES PLUG AS, WEDGE AND INTERFACE SEAL)						
12	1	1	175-0070	4	BRACKET						
13	1	1	198-7282	1	PLATE AS						
		1	1F-0750	1	NUT-WELD (3/8-16 THD)						
		1	4K-9230	1	NUT-WELD (10-32-2B THD)						
		1	7T-1099	2	LINK						
14	1	1	198-7284	1	GASKET						
15	1	1	130-5300	2	CLIP						
16	1	1	3E-9865	7	LOCKNUT (1/4-20 THD)						
17	1	1	4B-4274	4	WASHER (5.5X13X1.2MM THK)						
18	1	1	5P-4115	6	WASHER-HARD (7.2X19X2MM THK)						
19	1	1	5P-8167	1	BOLT (3/8-16X0.625 IN)						
20	1	1	5P-8441	1	GROMMET						
21	1	1	5P-9085	1	CLIP						
22	1	1	6V-1668	2	WASHER (6.5X29.1X3MM THK)						
23	1	1	6V-3320	1	SCREW-MACHINE (1/4-20X7.50 IN)						
24	1	1	8T-4896	1	WASHER-HARD (10.2X18.5X2.5MM THK)						

OPERATOR STATION

198-7281 BLOWER GP-CAB (contd.)

i01899227



GRAPHIC #1

<END>

g00942930

OPERATOR STATION

191-4824 CAB AR

S/N: CCK1-UP

PART OF 189-4616 GENERAL AR

SMCS-7301, 7325, 7335

i01834902

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	217-3819	1	CAB GP						453
Y	192-2545	1	COVER GP-CONSOLE						465
Y	177-3860	1	COVER GP-CONSOLE						463
Y	204-6414	1	INSTALLATION GP-LINES (AIR CONDITIONER)						479
Y	222-3800	1	LINES GP-HEATER						489
Y	156-8915	1	MOUNTING GP-CAB						492
Y	167-1457	1	ROPS GP						515
Y	167-1455	1	TANK GP-WINDOW WASHER						543

Y-SEPARATE ILLUSTRATION

<END>

OPERATOR STATION

156-8911 CAB GP

S/N: CCK1-UP

PART OF 217-3819 CAB GP

SMCS-7301, 7325, 7335

i01893790

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	6V-8928	1	HOOK-COAT						
	2	1,2	7K-1181	26	STRAP-CABLE						
	3	1	8C-5607	8	MOUNT (ISOLATION)						
	4	1	8C-5608	4	SPACER (6.5X9.5X25.4MM THK)						
	5	2	109-1645	1	CLIP						
	6	1	123-6449	1	WARNING GP-BACKUP						
		1	102-8802	1	KIT-RECEPTACLE (2 PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2 PIN)						
BD		1	5P-5677		WIRE-ELECTRICAL (18 GA)						
		1	186-3735	2	PIN-CONNECTOR						
BE		1	9X-1813		SLEEVE						
	7	2	132-5792	4	NUT						
Y	8	1	156-8916	1	WINDOW GP-CAB						544
	9	1	160-9149	1	HARNESS AS (MAIN) (CAB)						
		1	102-8802	5	KIT-RECEPTACLE (2 PIN)						
		1	102-8803	1	KIT-RECEPTACLE (3 PIN)						
		1	102-8805	1	KIT-RECEPTACLE (6 PIN)						
		1	102-8806	1	KIT-RECEPTACLE (8 PIN)						
		1	102-8801	1	KIT-RECEPTACLE (12 PIN)						
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS AND WEDGE)						
		1	8T-8729	25	PIN-CONNECTOR						
		1	155-2265	1	KIT-CONNECTING PLUG (8 PIN)						
		1	155-2260	2	KIT-CONNECTING PLUG (3 PIN)						
		1	155-2270	6	KIT-CONNECTING PLUG (2 PIN)						
		1	155-2274	3	KIT-CONNECTING PLUG (6 PIN)						
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE AND INTERFACE SEAL)						
	10	1	161-7000	1	CAB AS						
M		1	6V-9632	6	NUT-WELD (M6X1 THD)						
	10A	1	9B-2923	2	HINGE						
	10B	1	178-9008	1	HANDLE (RH)						
	10C	1	178-9009	1	HANDLE (LH)						
Y	11	2	163-0152	1	PRESSURIZER GP-CAB						510
	12	1	164-9136	1	GUARD AS						
Y	13	1	167-1451	1	DOOR GP-CAB (RH)						466
Y	14	2	167-1453	1	DOOR GP-CAB (LH)						468
	15	2	168-8929	2	STRIKER AS						
					(EACH INCLUDES)						
M		2	8T-4244	1	NUT (M12X1.75 THD)						
		2	129-3737	1	STRIKER BOLT-CAB						
	16	2	170-2062	1	GRID						
Y	17	2	170-2084	1	LINER GP-CAB						484
Y	18	2	170-2086	1	WIPER GP-WINDOW						547
Y	19	1	175-6956	1	COVER GP-CONSOLE						461
Y	20	2	175-7654	1	HEATER GP-CAB						470
	21	2	176-7456	1	HARNESS AS (WIPER)						
		2	102-8805	1	KIT-RECEPTACLE (6 PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		2	155-2274	1	KIT-CONNECTING PLUG (6 PIN)						
					(INCLUDES PLUG AS, WEDGE AND INTERFACE SEAL)						
Y	22	1	177-3851	1	INSULATION GP-WEATHER						482
Y	23	1	177-3852	1	STEP GP						535
	24	1	178-8375	2	PLATE						
Y	25	2	178-9018	1	INDICATOR GP-AIR FILTER CHANGE						94

OPERATOR STATION

156-8911 CAB GP (contd.)

i01893790

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	26	2	194-3315	1	LATCH GP						483
Y	27	2	194-3333	1	INSTALLATION GP-RADIO						481
	28	1	196-7553	1	HANDLE AS						
	29	1	211-0238	1	FILM (LUBE POINT)						
	30	2	224-2470	1	PLATE						
	31	1,2	224-2669	8	PLUG-PLASTIC						
	32	1	2V-8259	2	GROMMET						
	33	2	4H-2558	3	GROMMET						
	34	1	5P-4116	4	WASHER-HARD (8.8X20.5X2MM THK)						
	35	2	5P-8439	1	GROMMET						
	36	2	6V-6716	2	RIVET-TRUSS HEAD						
M	37	2	6V-7357	1	BOLT (M6X1.0X25MM)						
	38	1,2	7X-7729	21	WASHER (11X25X3MM THK)						
M	39	1	8C-8451	4	BOLT (M6X1X40MM)						
Y	40	2	8E-8706	1	MIRROR GP						490
	41	2	8K-1433	1	GROMMET						
	42	2	8T-4121	6	WASHER-HARD (11X21X2.5MM THK)						
M	43	1	8T-4133	2	NUT (M10X1.5 THD)						
M	44	1,2	8T-4137	7	BOLT (M10X1.5X20MM)						
M	45	2	8T-4189	4	BOLT (M8X1.25X20MM)						
M	46	2	8T-4195	4	BOLT (M10X1.5X30MM)						
M	47	1	8T-4198	2	BOLT (M10X1.5X100MM)						
M	48	1,2	9X-2040	4	SCREW-TRUSS HEAD (M10X1.5X25MM)						
	49	1	9X-6165	4	WASHER (6.5X22X2.5MM THK)						
BD	50	2	5P-5952		SEAL						
BE	51	1	172-1681		SEAL						

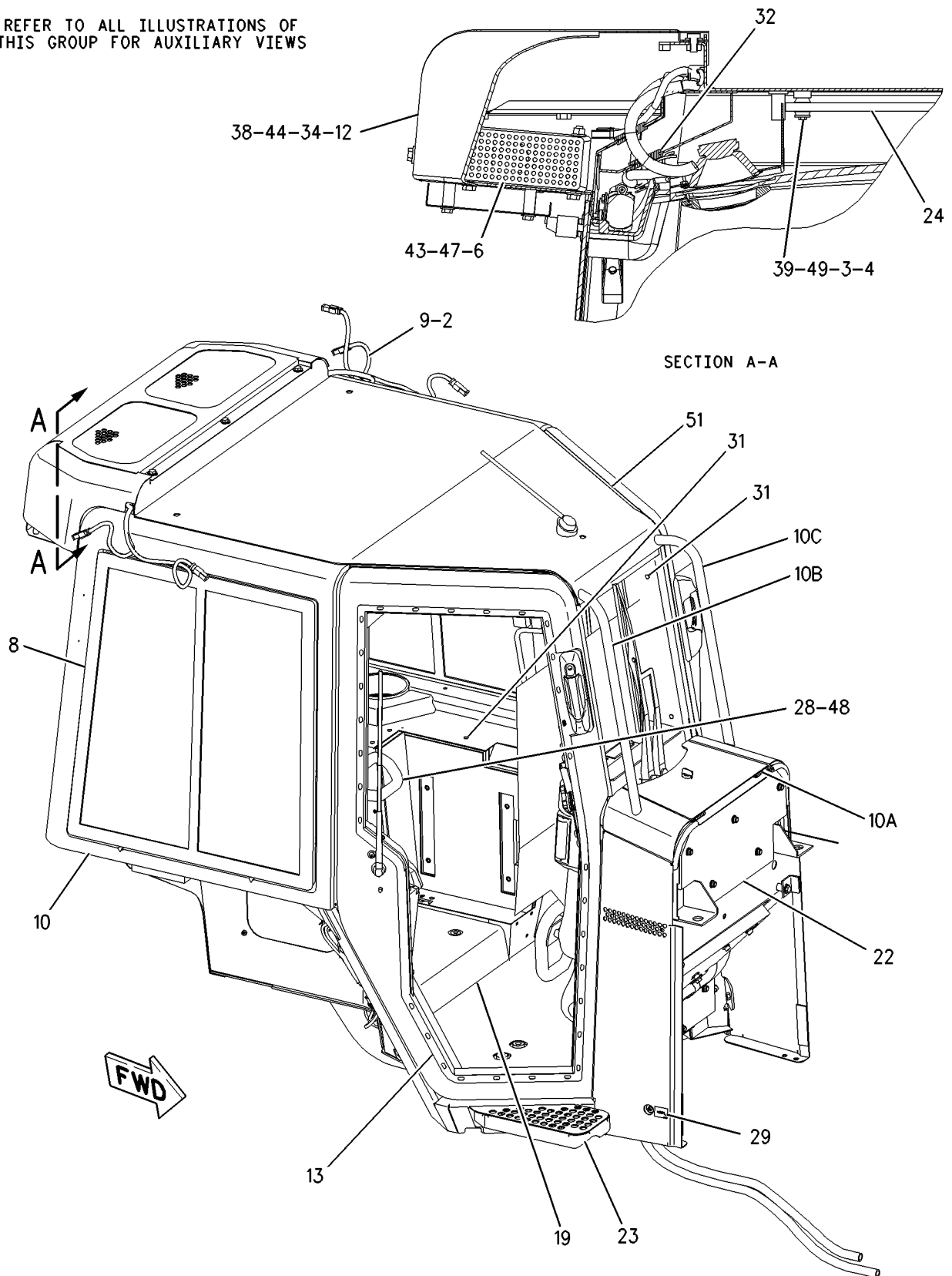
B- USE AS REQUIRED
D- ORDER BY THE METER
E- ORDER BY THE CENTIMETER
M- METRIC PART
Y- SEPARATE ILLUSTRATION

OPERATOR STATION

156-8911 CAB GP (contd.)

i01893790

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



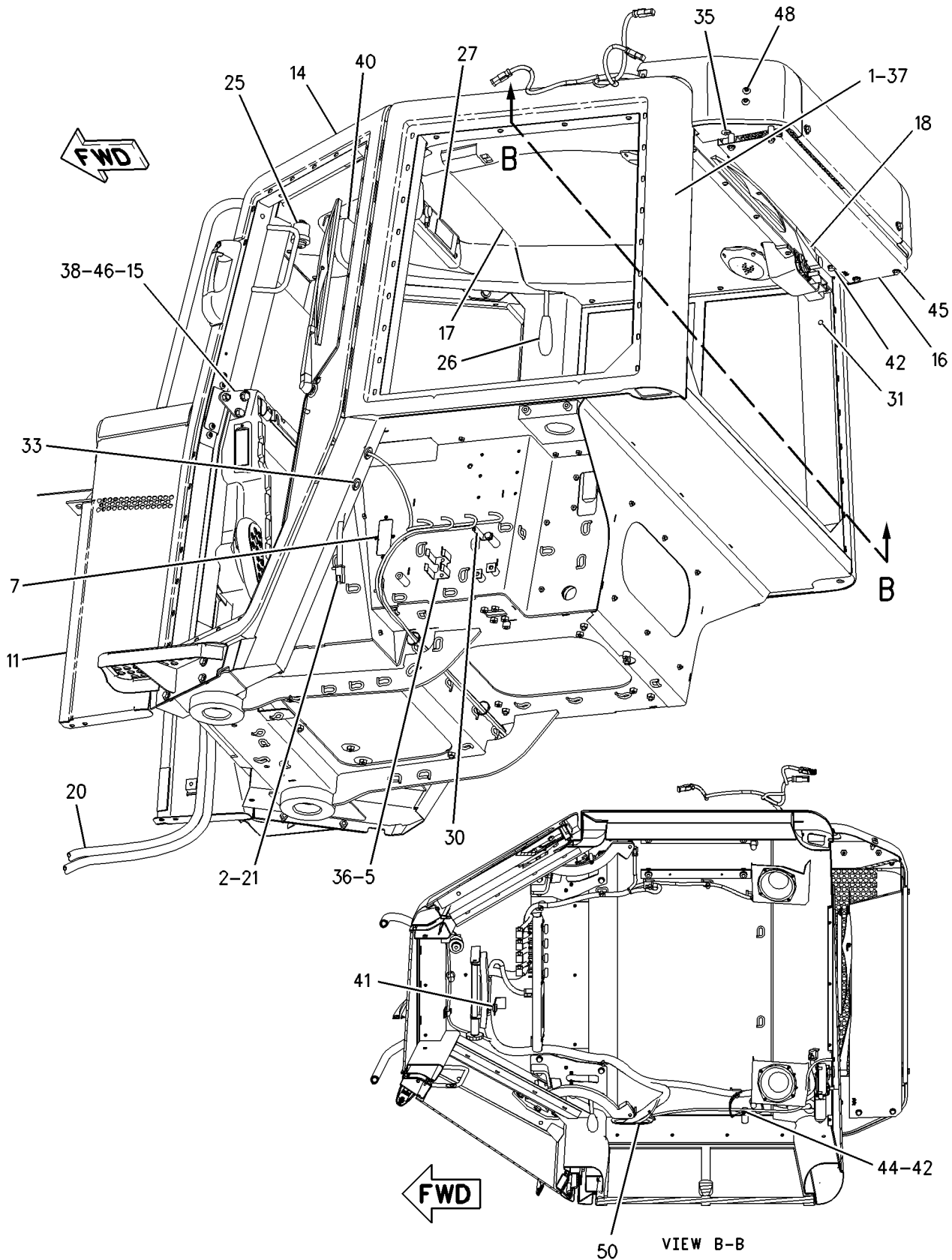
GRAPHIC #1

g00931480

OPERATOR STATION

156-8911 CAB GP (contd.)

i01893790



GRAPHIC #2

<END>

g00931481

OPERATOR STATION

217-3819 CAB GP

S/N: CCK1-UP

PART OF 191-4824 CAB AR

SMCS-7301, 7325, 7335

i01883217

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	156-8911	1	CAB GP						449
Y	156-8951	1	PANEL GP - INSTRUMENT						499
Y	167-1458	1	AIR CONDITIONER GP						445
Y	184-0870	1	PLUG AS (POWER TRAIN)						509
Y	192-9082	1	WIRING GP - PLATFORM						187
Y	193-5673	1	CONTROL GP - STEERING & TMSN						302
Y	217-3841	1	PANEL GP - SOUND SUPPRESSION						261
Y	199-4801	1	PEDAL GP - GOVERNOR & BRAKE						314
Y	218-4304	1	LINES GP - PILOT						374
	220-0229	1	WARNING GP - BACKUP (107DB)						
	3E-3365	1	WEDGE - RECEPTACLE LOCK (2 PIN)						
D	5P-5623		WIRE (16 GA) (4DM)						
	186-3735	2	PIN-CONNECTOR						
E	9X-1813		SLEEVE (31CM)						
	102-8802	1	KIT-RECEPTACLE (2 PIN)						
			(INCLUDES RECEPTACLE AS & WEDGE)						
	201-4931	1	PLUG AS						
	5P-5677	1	WIRE-ELECTRICAL (18 GA)						
	186-3736	1	SOCKET-CONNECTOR						
	8T-8737	4	PLUG-SEAL						
BE	125-7874		TUBE-HEAT SHRINK						
	155-2265	1	KIT-CONNECTING PLUG (8 PIN)						
			(INCLUDES PLUG AS & WEDGE)						

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

<END>

OPERATOR STATION

193-3812 CANOPY AR

S/N: CCK1-UP

CANNOT BE USED WITH CAB AR, 191-4824-PAGE 448
AN ATTACHMENT

SMCS-7302

i01899273

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	193-1033	1	BELT GP (ENGINE) (WITHOUT A/C)						6
Y	218-3137	1	MOUNTING GP-PLATFORM						493
Y	218-3064	1	PLATFORM GP						506
Y	167-1460	1	ROPS GP						516
	224-2459	1	HOUSING						
	220-1802	1	FILM-STRIPE (D6N) (LH COWL)						
	220-1801	1	FILM-STRIPE (D6N) (RH COWL)						
M	9X-2045	4	SCREW-TRUSS HEAD (M6X1X20MM)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

<END>

OPERATOR STATION

183-5106 COMPRESSOR GP-REFRIGERANT

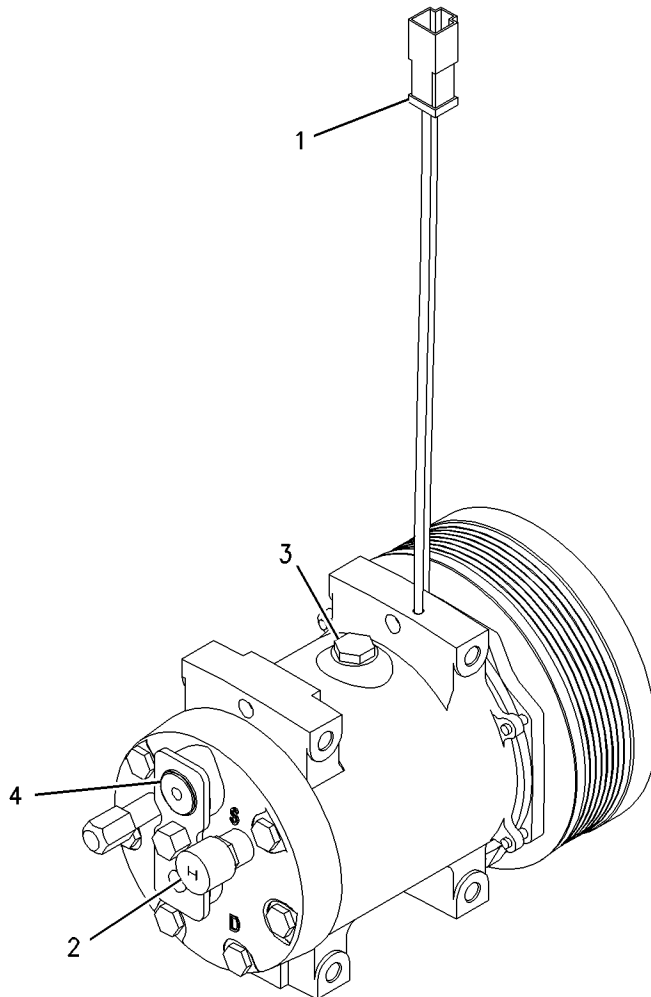
S/N: CCK1-UP

PART OF 189-2229 COMPRESSOR GP-REFRIGERANT

SMCS-1802

i01899287

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	102-8802	1	KIT-RECEPTACLE (2 PIN) (INCLUDES RECEPTACLE AS AND WEDGE)						
	2	1	114-3469	1	VALVE GP-RELIEF (REFRIGERANT COMPRESSOR)						
		1	9X-7378	1	SEAL-O-RING						
	3	1	7T-4532	1	PLUG AS						
	4	1	9X-7385	2	SEAL-O-RING						



GRAPHIC #1

<END>

g00781120

OPERATOR STATION

189-2229 COMPRESSOR GP-REFRIGERANT

S/N: CCK1-UP

PART OF 189-4622 INSTALLATION AR-ENGINE

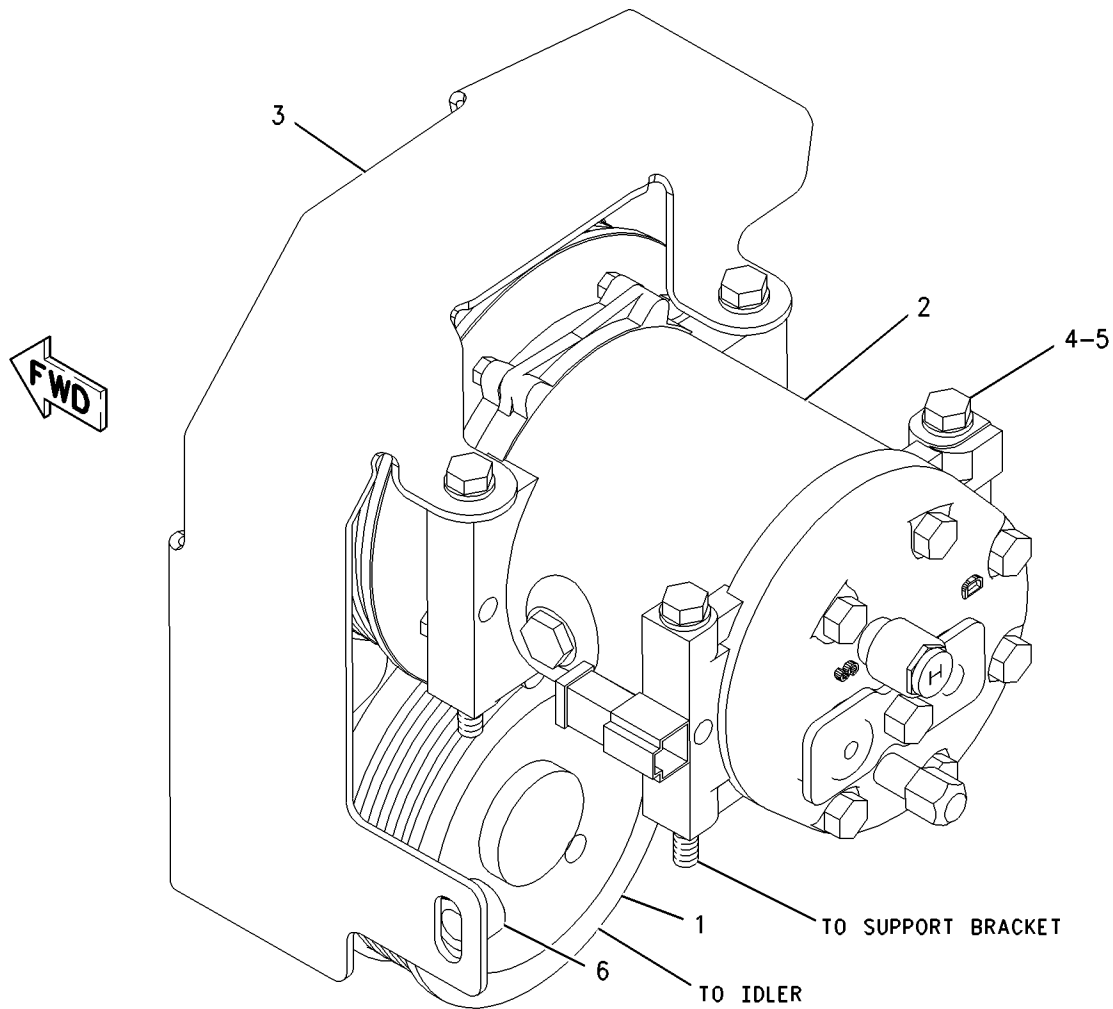
SMCS-1802

i01842375

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	123-8395	1	PULLEY AS-IDLER						51
Y	2	1	183-5106	1	COMPRESSOR GP-REFRIGERANT						455
	3	1	201-4230	1	GUARD						
M	4	1	7X-2538	4	BOLT (M8X1.25X100MM)						
	5	1	8T-4224	4	WASHER-HARD (8.8X16X2MM THK)						
	6	1	106-4159	1	SPACER (13.5MM THK)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00941768

OPERATOR STATION

175-2540 CONDENSER GP-REFRIGERANT

S/N: CCK1-UP

HARD MOUNTING

PART OF 167-1458 AIR CONDITIONER GP

SMCS-1805

i01829146

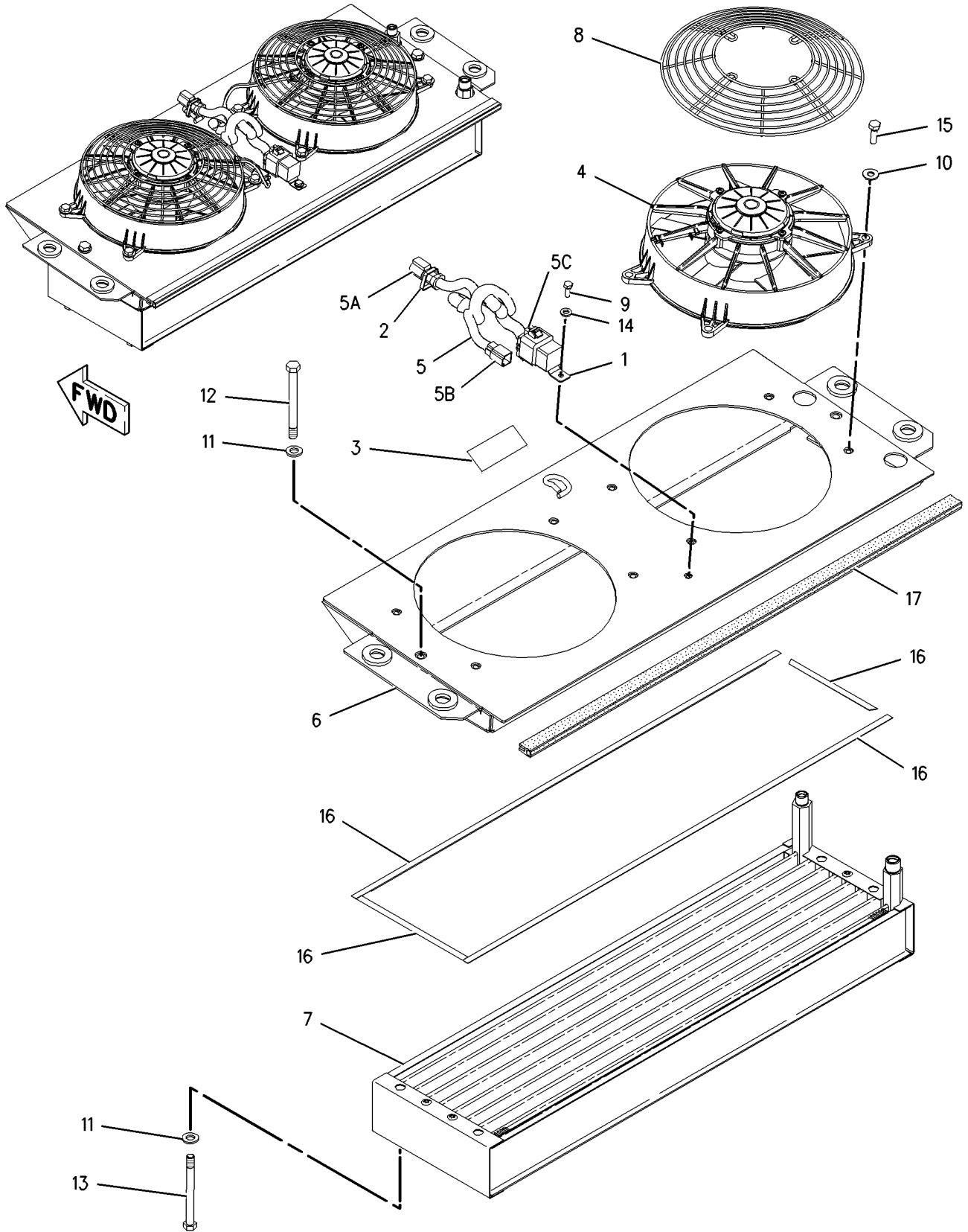
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3E-5239	1	RELAY AS (24 VOLT) (AIR CONDITIONER CONDENSER)						
	2	1	3S-2093	1	STRAP-CABLE						
	3	1	8C-3756	1	FILM-IDENTIFICATION (GROUP & SEQUENCE NO.) (AIR CONDITIONER CONDENSER)						
	4	1	169-7434	2	FAN AS						
					(EACH INCLUDES)						
		1	102-8802	1	KIT-RECEPTACLE (2 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	5	1	169-7435	1	HARNESS AS-AIR CONDITIONER (CONDENSER FANS) (COMPRESSOR)						
	5A	1	102-8803	1	KIT-RECEPTACLE (3 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	5B	1	155-2270	2	KIT-CONNECTING PLUG (2 PIN)						
					(EACH INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
	5C	1	9X-1054	1	PLUG AS-CONNECTOR (4 PIN)						
	6	1	175-2539	1	CASE AS						
	7	1	199-7698	1	COIL AS						
	8	1	179-0589	2	GUARD-FAN						
M	9	1	5C-9553	3	BOLT (M6X1X16MM)						
	10	1	5P-4116	8	WASHER-HARD (8.8X20.5X2MM THK)						
	11	1	8T-4121	6	WASHER-HARD (11X21X2.5MM THK)						
M	12	1	8T-4137	4	BOLT (M10X1.5X20MM)						
M	13	1	8T-4136	4	BOLT (M10X1.5X25MM)						
	14	1	8T-4205	1	WASHER-HARD (7.2X14.5X2MM THK)						
M	15	1	8T-4908	8	BOLT (M8X1.25X25MM)						
BD	16	1	5P-5673		SEAL						
BE	17	1	126-8472		SEAL						

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

OPERATOR STATION

175 - 2540 CONDENSER GP - REFRIGERANT (contd.)

i01829146



GRAPHIC #1

<END>

g00774170

OPERATOR STATION

167-1463 COVER GP-CONSOLE-IMPLEMENT

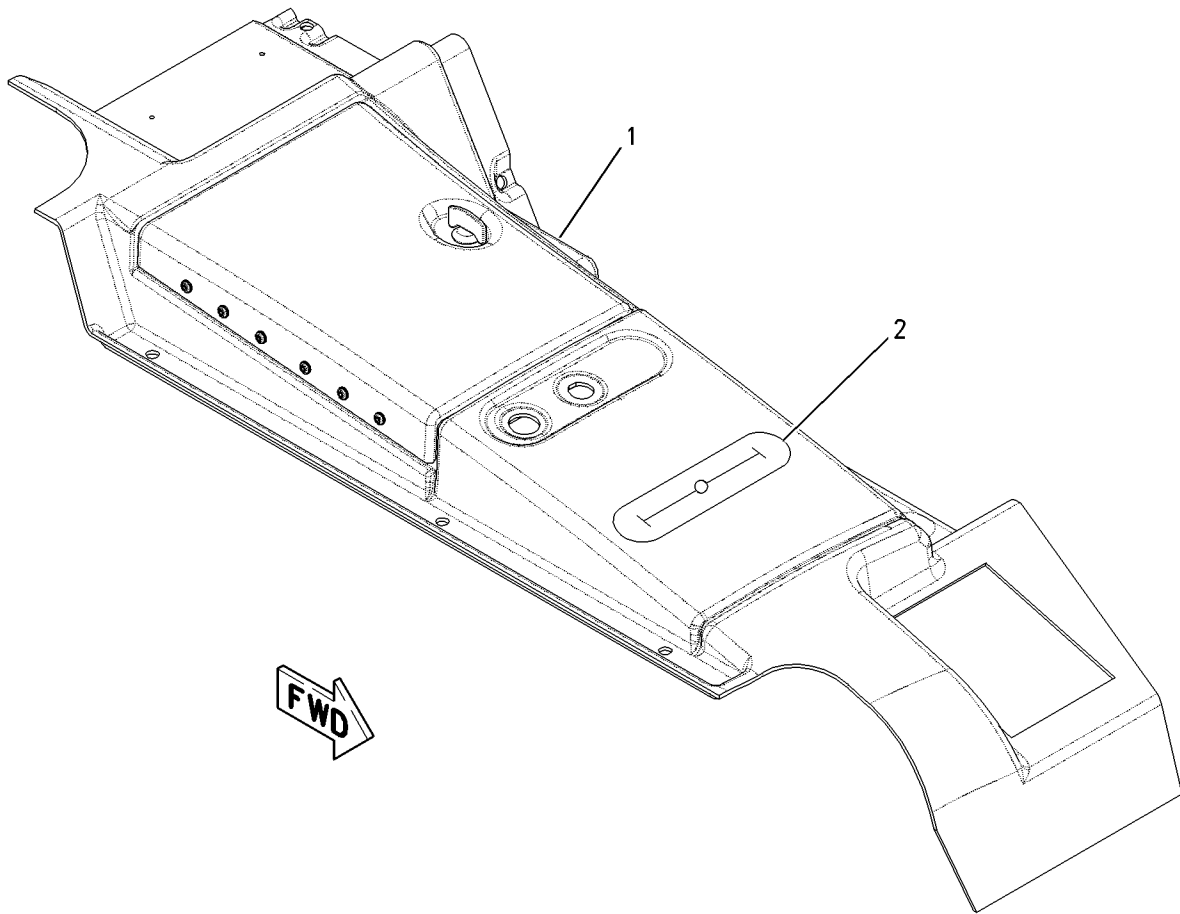
S/N: CCK1-UP

FOR USE WITH 173-8641-PAGE 360, 193-3812-PAGE 454. CANNOT BE USED WITH WINCH,
167-1464-PAGE 460
AN ATTACHMENT

SMCS-5258

i01830483

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	197-0825	1	CONSOLE						
	2	1	203-6257	1	GROMMET						



GRAPHIC #1

<END>

g00960151

OPERATOR STATION

167-1464 COVER GP-CONSOLE-WINCH

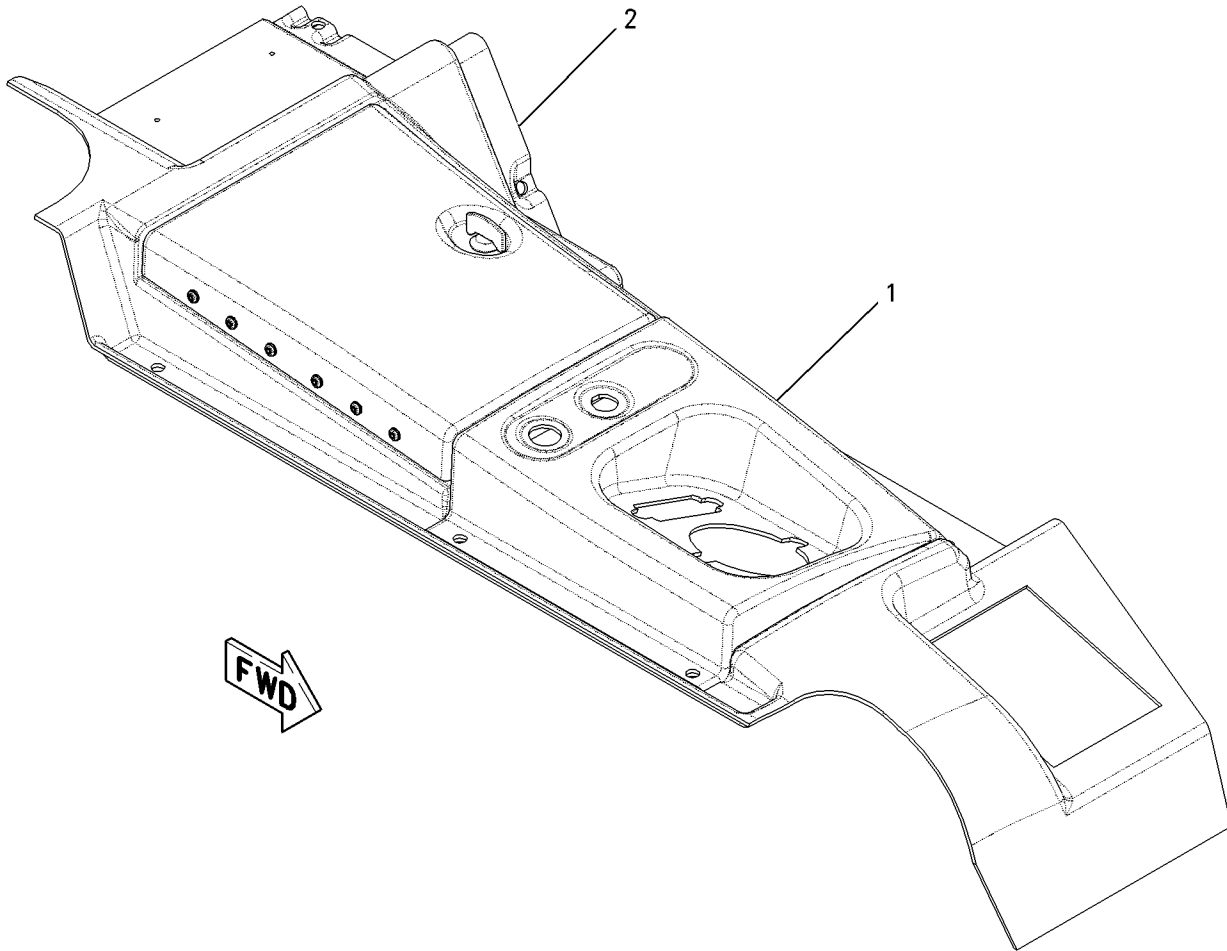
S/N: CCK1-UP

CANNOT BE USED WITH 180-4560-PAGE 429, 193-3812-PAGE 454, 167-1463-PAGE 459
AN ATTACHMENT

SMCS-5258

i01830490

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	195-3985	1	COVER-WINCH						
	2	1	197-0826	1	CONSOLE-WINCH						



GRAPHIC #1

<END>

g00776643

OPERATOR STATION

175-6956 COVER GP-CONSOLE-CAB

S/N: CCK1-UP

PART OF 156-8911 CAB GP

SMCS-5258

i01880232

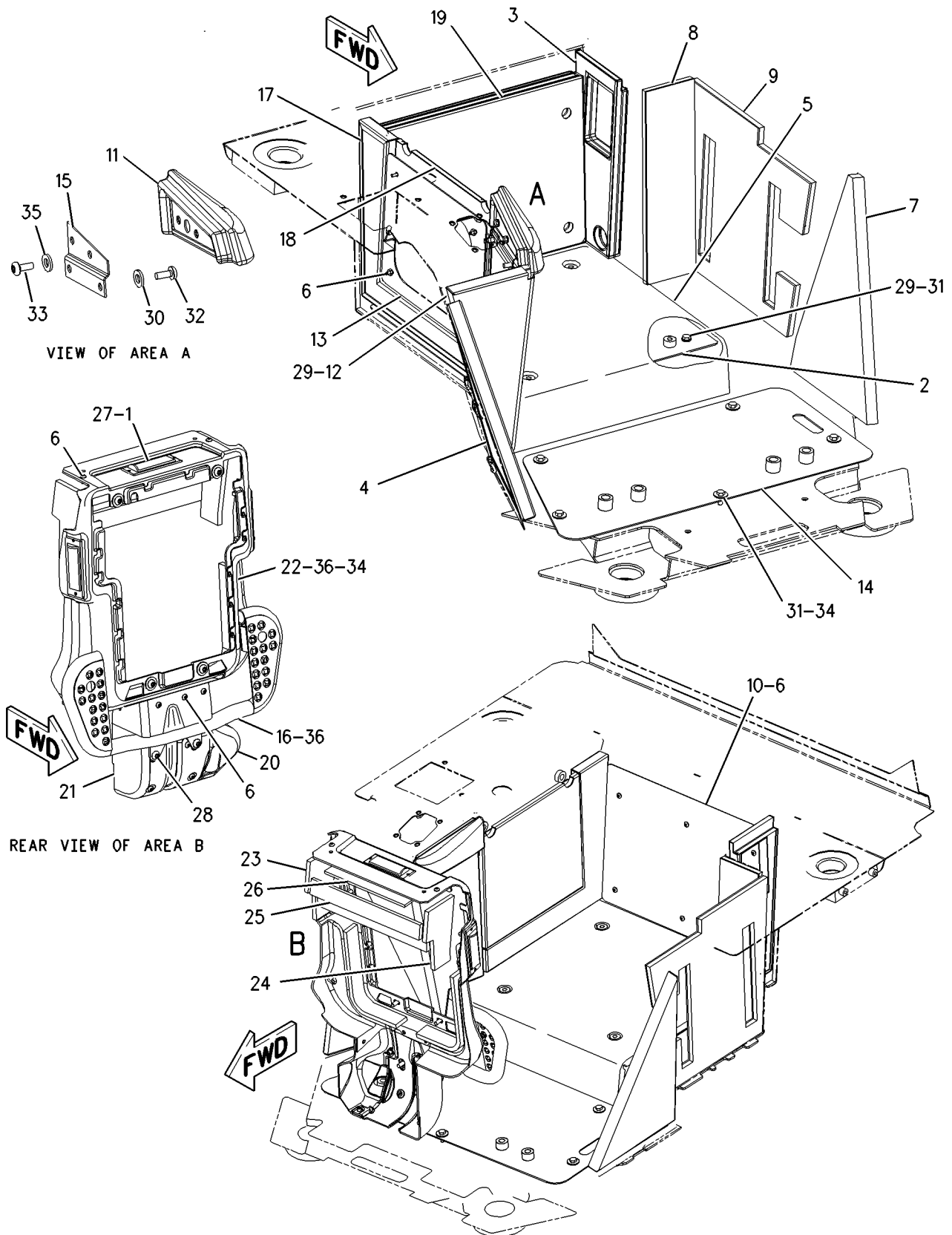
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	223-0455	3	LOUVER AS						
	2	1	169-9108	1	COVER AS						
		1	178-8844	4	SPACER (11X28X20MM THK)						
	3	1	171-9610	1	INSULATION (LH)						
	4	1	171-9612	1	INSULATION (RH)						
	5	1	171-9616	1	FLOOR MAT (REAR)						
M	6	1	9X-2044	21	SCREW-TRUSS HEAD (M6X1X16MM)						
	7	1	171-9618	1	INSULATION (LH)						
	8	1	177-3846	1	PANEL (SOUND)						
	9	1	177-3847	1	PANEL (SOUND)						
	10	1	178-9013	1	COVER						
	11	1	178-9016	1	PAD						
	12	1	180-1295	1	INSULATION (RH)						
	13	1	180-1297	1	PLATE						
	14	1	188-1846	1	PLATE AS-FLOOR						
M		1	8T-3490	4	NUT-WELD (M10X1.5 THD)						
	15	1	198-9452	1	BRACKET						
	16	1	212-4357	1	FOOTREST AS						
	17	1	214-9413	1	INSULATION (RH)						
	18	1	214-9414	1	INSULATION (RH)						
	19	1	214-9415	1	INSULATION (REAR)						
	20	1	218-2798	1	COVER (PEDAL RH)						
	21	1	218-2799	1	COVER (PEDAL LH)						
	22	1	218-2800	1	SHROUD						
	23	1	224-2466	1	FOAM						
	24	1	224-2467	1	FOAM						
	25	1	224-2468	4	FOAM						
	26	1	224-2469	1	FOAM						
	27	1	104-2091	6	SCREW-FLAT HEAD (6-20X0.5 IN)						
M	28	1	127-2170	2	SCREW-TRUSS HEAD (M8X1.25X20MM)						
	29	1	7X-7729	5	WASHER (11X25X3MM THK) (REAR)						
	30	1	8T-4121	2	WASHER-HARD (11X21X2.5MM THK)						
M	31	1	8T-4136	10	BOLT (M10X1.5X25MM)						
M	32	1	8T-4137	2	BOLT (M10X1.5X20MM)						
M	33	1	8T-4189	2	BOLT (M8X1.25X20MM)						
	34	1	8T-4222	9	WASHER-PLATED (11X32X2.5MM THK)						
	35	1	8T-4224	2	WASHER-HARD (8.8X16X2MM THK)						
M	36	1	9X-2040	6	SCREW-TRUSS HEAD (M10X1.5X25MM)						

M-METRIC PART

OPERATOR STATION

175-6956 COVER GP-CONSOLE (contd.)

i01880232



GRAPHIC #1

<END>

g00974170

OPERATOR STATION

177-3860 COVER GP-CONSOLE-CAB

S/N: CCK1-UP

PART OF 191-4824 CAB AR

SMCS-5258

i01899302

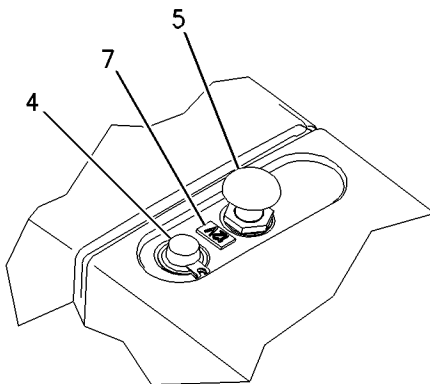
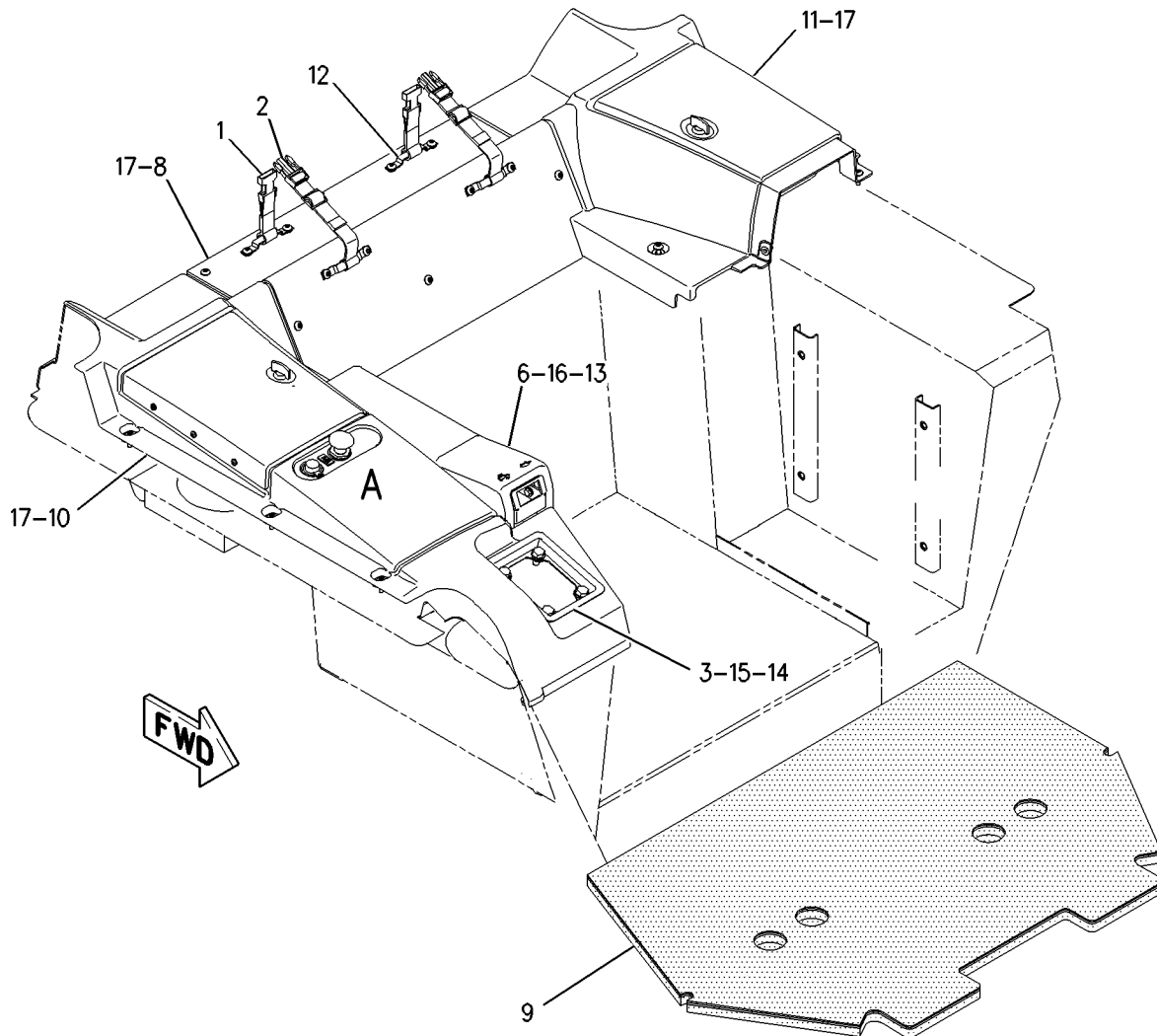
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7G-4824	2	STRAP						
	2	1	8E-7791	2	STRAP						
	3	1	109-3590	1	PLATE						
	4	1	117-2311	1	RECEPTACLE AS-POWER (12 VOLT)						
Y	5	1	158-6632	1	SWITCH AS-HORN						174
	6	1	165-4879	1	ARMREST AS						
M		1	5C-9553	3	BOLT (M6X1X16MM)						
		1	5P-0537	3	WASHER-HARD (7.2X14.5X2MM THK)						
	7	1	169-2876	1	FILM-IDENTIFICATION (12 VOLT)						
	8	1	171-9607	1	COVER-REAR						
	9	1	171-9617	1	FLOOR MAT (FRONT)						
	10	1	197-0823	1	COVER AS (RH)						
		1	3H-0240	7	WASHER (5X9.7X.8MM THK)						
		1	9M-5733	7	RIVET-POP (4.78MM DIA)						
		1	178-0266	1	HINGE AS						
		1	188-8846	1	LATCH AS						
	11	1	197-0824	1	CONSOLE AS (LH)						
		1	3H-0240	7	WASHER (5X9.7X.8MM THK)						
		1	9M-5733	7	RIVET-POP (4.78MM DIA)						
		1	178-0266	1	HINGE AS						
		1	188-8846	1	LATCH AS						
	12	1	197-4871	4	CLIP						
	13	1	7X-7729	2	WASHER (11X25X3MM THK)						
	14	1	8T-4121	4	WASHER-HARD (11X21X2.5MM THK)						
M	15	1	8T-4137	4	BOLT (M10X1.5X20MM)						
M	16	1	8T-4185	2	BOLT (M10X1.5X50MM)						
M	17	1	9X-2045	25	SCREW-TRUSS HEAD (M6X1X20MM)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

OPERATOR STATION

177-3860 COVER GP-CONSOLE (contd.)

i01899302



VIEW OF AREA A

GRAPHIC #1

<END>

g00964093

OPERATOR STATION

192-2545 COVER GP-CONSOLE-DIFFERENTIAL STEERING

S/N: CCK1-UP

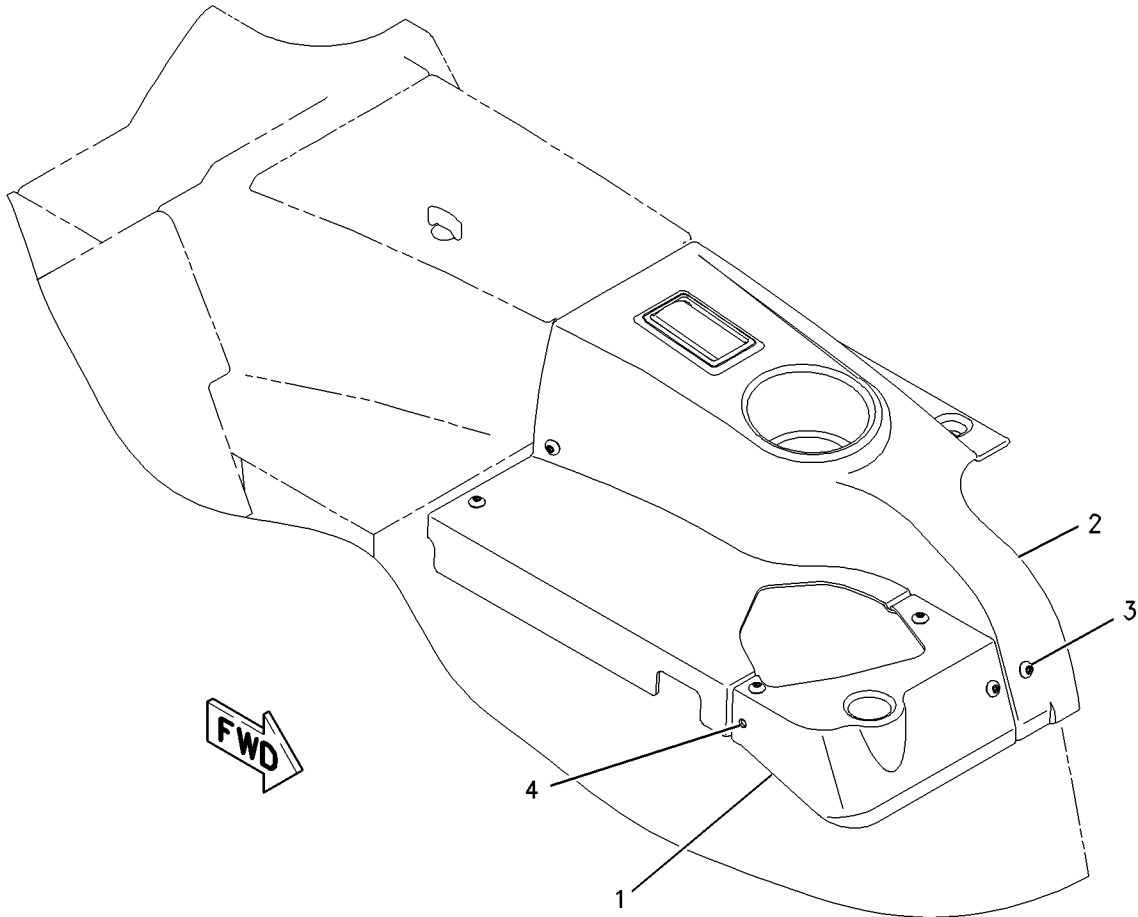
PART OF 191-4824 CAB AR

SMCS-5258

i01834944

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	201-8212	1	COVER-FRONT						
	2	1	201-8803	1	COVER AS						
		1	154-5629	1	ASHTRAY AS						
M	3	1	9X-2045	6	SCREW-TRUSS HEAD (M6X1X20MM)						
M	4	1	9X-2043	1	SCREW-TRUSS HEAD (M6X1X14MM)						

M-METRIC PART



GRAPHIC #1

<END>

g00955768

OPERATOR STATION

167-1451 DOOR GP - CAB - RH

S/N: CCK1-UP

PART OF 156-8911 CAB GP

SMCS-7308

i01899304

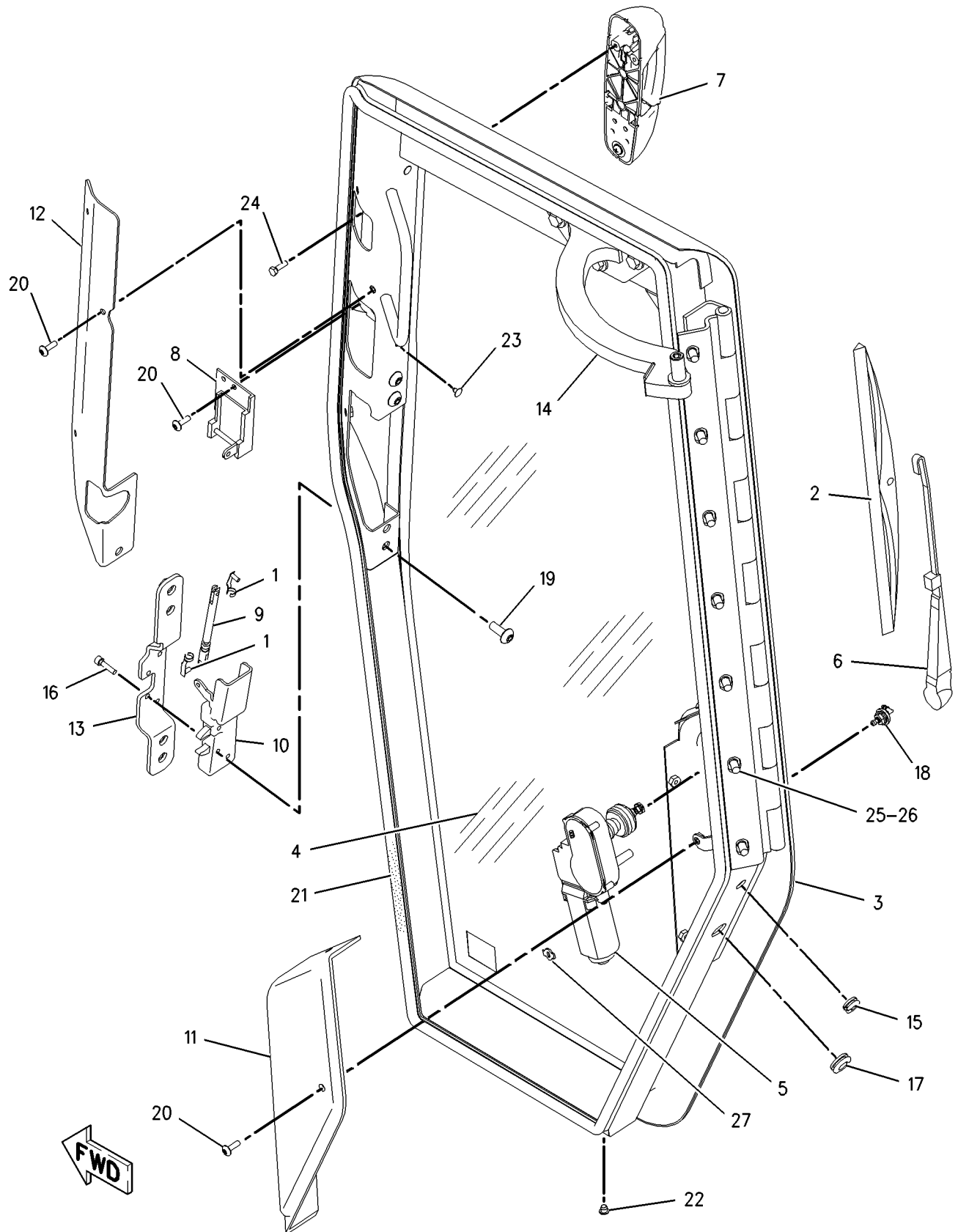
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6V-7636	2	PIN AS-SPRING						
	2	1	125-8175	1	BLADE AS-WIPER (RH CAB DOOR)						
	3	1	161-6989	1	FRAME AS						
M		1	6V-9632	11	NUT-WELD (M6X1 THD)						
M		1	8T-3490	3	NUT-WELD (M10X1.5 THD)						
	4	1	167-1452	1	WINDOW						
	5	1	170-6623	1	MOTOR AS (WINDOW WIPER (RH) DOOR)						
		1	9G-3695	1	PLUG (GROMMET SEALING)						
		1	186-3735	5	PIN-CONNECTOR						
		1	102-8805	1	KIT-RECEPTACLE (6 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	6	1	170-6625	1	ARM AS-WIPER						
	7	1	200-7836	1	HANDLE AS (PULL)						
	8	1	172-2381	1	LINKAGE AS						
	9	1	172-2383	1	LINK AS						
		1	6V-8185	1	NUT (1/4-20 THD)						
		1	108-5471	1	CLEVIS						
	10	1	172-2385	1	LATCH AS-ROTARY						
	11	1	173-6778	1	COVER						
	12	1	173-6807	1	PLATE-COVER						
	13	1	193-4577	1	BRACKET (RH)						
	14	1	194-3313	1	LATCH GP (DOOR)						
M		1	8T-4195	3	BOLT (M10X1.5X30MM)						
		1	8T-4223	3	WASHER-HARD (13.5X25.5X3MM THK)						
		1	194-3314	1	RETAINER AS						
		1	196-3773	1	STRIKER AS						
	15	1	9D-3768	2	GROMMET						
M	16	1	3T-0849	4	BOLT-SOCKET HEAD (M6X1X25MM)						
	17	1	9D-8508	2	GROMMET						
	18	1	8T-5400	1	CONNECTOR						
M	19	1	9X-2040	4	SCREW-TRUSS HEAD (M10X1.5X25MM)						
M	20	1	9X-2045	7	SCREW-TRUSS HEAD (M6X1X20MM)						
BE	21	1	133-3234		SEAL						
	22	1	133-9123	2	PLUG						
	23	1	224-2669	4	PLUG-PLASTIC						
M	24	1	8T-4138	4	BOLT (M6X1X20MM)						
M	25	1	8T-4137	7	BOLT (M10X1.5X20MM)						
	26	1	7X-7729	7	WASHER (11X25X3MM THK)						
	27	1	7K-1181	1	STRAP-CABLE						

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

OPERATOR STATION

167-1451 DOOR GP - CAB (contd.)

i01899304



GRAPHIC #1

<END>

g00909642

OPERATOR STATION

167-1453 DOOR GP - CAB-LH

S/N: CCK1-UP

PART OF 156-8911 CAB GP

SMCS-7308

i01899307

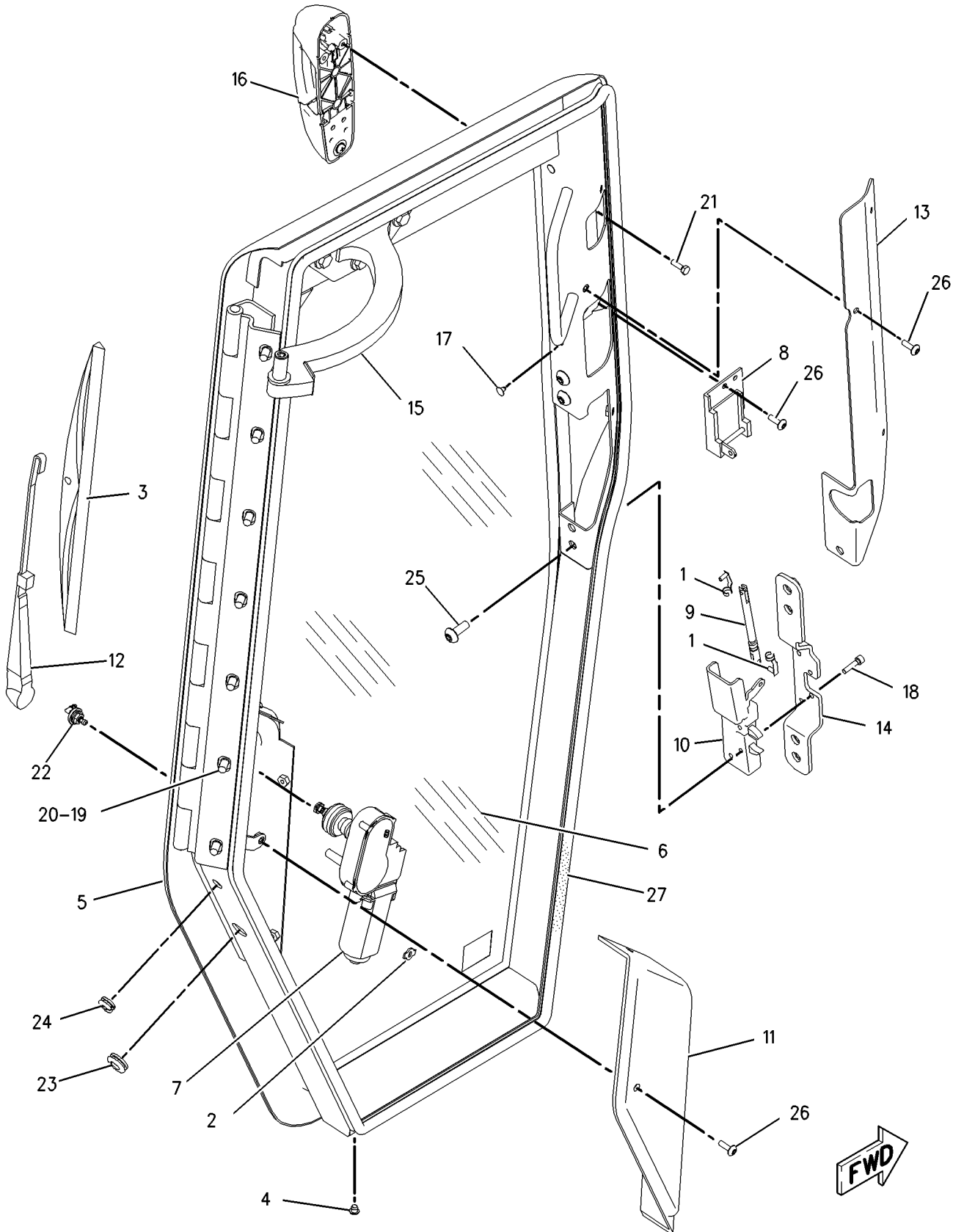
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6V-7636	2	PIN AS-SPRING						
	2	1	7K-1181	1	STRAP-CABLE						
	3	1	125-8175	1	BLADE AS-WIPER (LH CAB DOOR)						
	4	1	133-9123	2	PLUG						
	5	1	161-6990	1	FRAME AS						
M		1	6V-9632	11	NUT-WELD (M6X1 THD)						
M		1	8T-3490	3	NUT-WELD (M10X1.5 THD)						
	6	1	167-1454	1	WINDOW						
	7	1	170-6624	1	MOTOR AS-WINDOW WIPER (LH) (DOOR)						
		1	8T-8729	4	PIN-CONNECTOR						
		1	102-8804	1	KIT-RECEPTACLE (4 PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
	8	1	172-2382	1	LINKAGE AS						
	9	1	172-2383	1	LINK AS						
		1	6V-8185	1	NUT (1/4-20 THD)						
		1	108-5471	1	CLEVIS						
	10	1	172-2384	1	LATCH AS (ROTARY)						
	11	1	173-6777	1	COVER						
	12	1	175-3762	1	ARM AS-WIPER						
	13	1	183-4690	1	COVER						
	14	1	193-4578	1	LATCH						
M		1	8T-3490	4	NUT-WELD (M10X1.5 THD)						
		1	175-7643	1	PLATE						
	15	1	194-3309	1	RETAINER GP (CAB DOOR)						
		1	8T-4121	3	WASHER-HARD (11X21X2.5MM THK)						
M		1	8T-4195	3	BOLT (M10X1.5X30MM)						
		1	196-3773	1	STRIKER AS						
	16	1	200-7836	1	HANDLE AS (PULL)						
	17	1	224-2669	4	PLUG-PLASTIC						
M	18	1	3T-0849	4	BOLT-SOCKET HEAD (M6X1X25MM)						
	19	1	7X-7729	7	WASHER (11X25X3MM THK)						
M	20	1	8T-4137	7	BOLT (M10X1.5X20MM)						
M	21	1	8T-4138	4	BOLT (M6X1X20MM)						
	22	1	8T-5400	1	CONNECTOR						
	23	1	9D-3768	2	GROMMET						
	24	1	9D-8508	2	GROMMET						
M	25	1	9X-2040	4	SCREW-TRUSS HEAD (M10X1.5X25MM)						
M	26	1	9X-2045	7	SCREW-TRUSS HEAD (M6X1X20MM)						
BE	27	1	133-3234		SEAL						

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

OPERATOR STATION

167-1453 DOOR GP - CAB (contd.)

i01899307



GRAPHIC #1

<END>

g00912009

OPERATOR STATION

175-7654 HEATER GP-CAB

S/N: CCK1-UP

PART OF 156-8911 CAB GP

SMCS-7304

i01885524

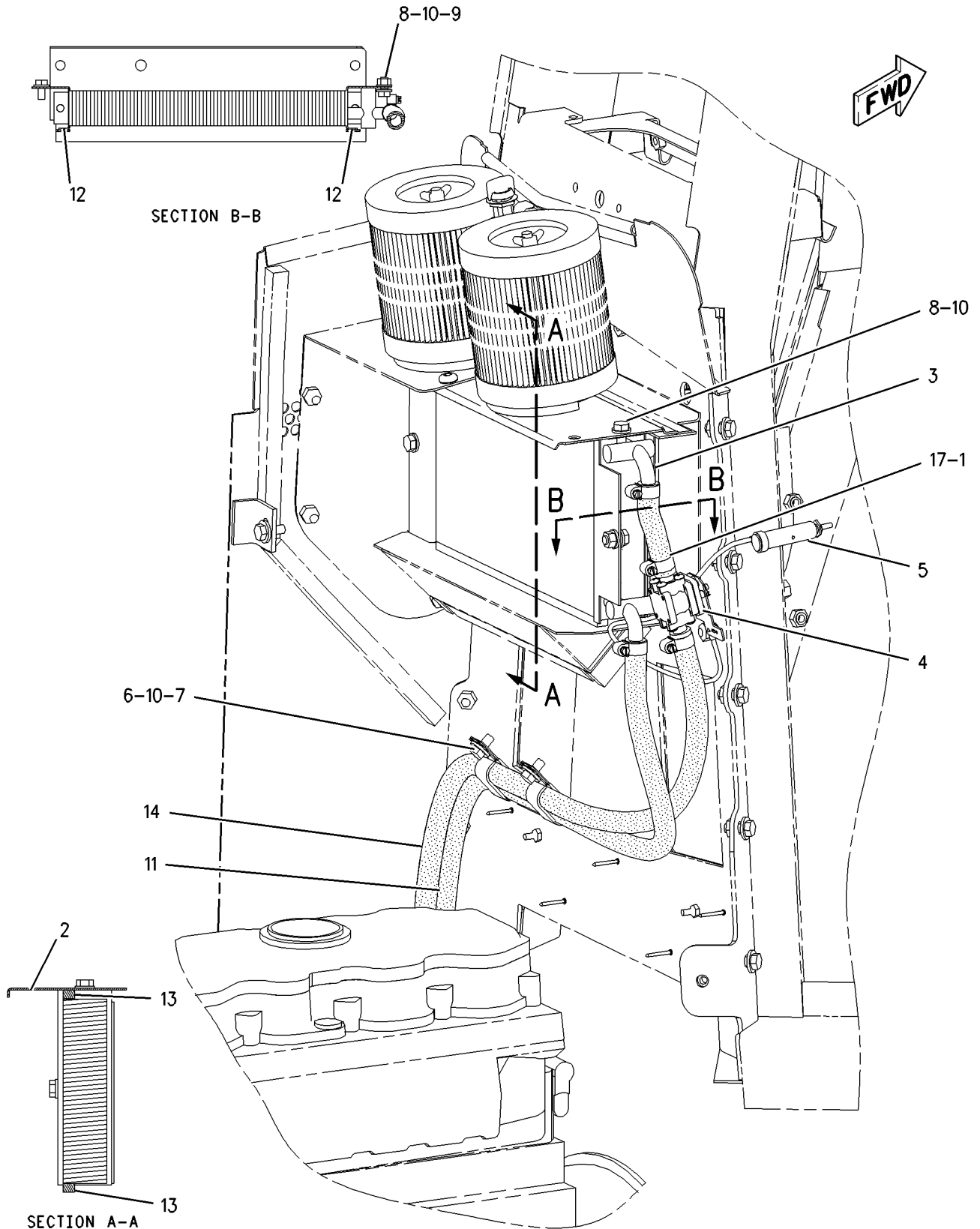
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5D-1026	4	CLAMP-HOSE						
	2	1	6T-5617	1	PLATE						
	3	1	109-6407	1	COIL AS-HEATER						
	4	1	134-9602	1	VALVE AS-WATER (CAB HEATER)						
		1	3E-1841	1	LEVER						
		1	6V-6717	1	SCREW-WASHER HEAD (8-32X.375 IN)						
		1	8Y-5737	1	CLAMP						
		1	037-4426	1	RETAINER						
		1	102-0341	1	CLIP (TAB)						
	5	1	156-4449	1	CABLE AS						
	6	1	6D-1641	2	CLIP						
	7	1	7X-7729	2	WASHER (11X25X3MM THK)						
	8	1	8T-4121	5	WASHER-HARD (11X21X2.5MM THK)						
M	9	1	8T-4133	1	NUT (M10X1.5 THD)						
M	10	1	8T-4137	6	BOLT (M10X1.5X20MM)						
E	11	1	5P-0767		HOSE (18.8CM)						
BD	12	1	5P-5643		SEAL						
BD	13	1	5P-5639		SEAL						
E	14	1	5P-0767		HOSE (17.6CM)						

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

OPERATOR STATION

175 - 7654 HEATER GP - CAB (contd.)

i01885524



GRAPHIC #1

<END>

g00935061

OPERATOR STATION

163-1036 HEATER GP-OPEN ROPS

S/N: CCK1-UP

PART OF 167-1465 HEATER GP-OPEN ROPS
AN ATTACHMENT

SMCS-7304

i01899310

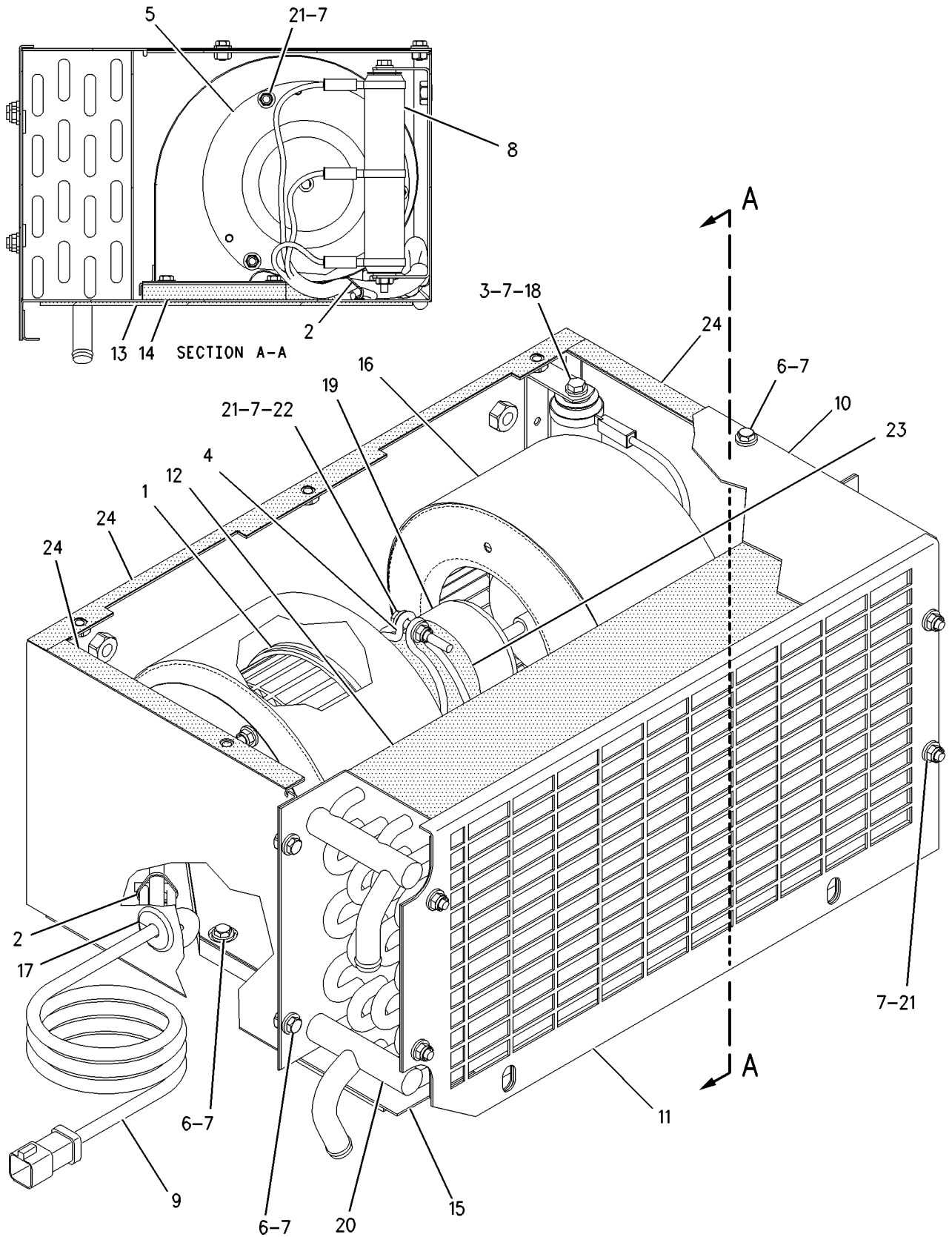
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3E-0400	2	WHEEL-BLOWER						
					(EACH INCLUDES)						
		1	037-4838	1	CLAMP						
	2	1	3S-2093	3	STRAP-CABLE						
	3	1	6V-1668	2	WASHER (6.5X29.1X3MM THK)						
	4	1	8C-4586	2	CLAMP						
	5	1	8P-5141	2	PLATE-ORIFICE						
M	6	1	8T-4171	15	BOLT (M6X1X12MM)						
	7	1	8T-4205	28	WASHER-HARD (7.2X14.5X2MM THK)						
	8	1	9G-1950	1	RESISTOR						
	9	1	127-6424	1	HARNESS AS (HEATER)						
		1	102-8805	1	KIT-RECEPTACLE (6 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	8T-8737	2	PLUG-SEAL						
		1	9W-0844	2	SOCKET-CONNECTION						
		1	9W-0852	4	PIN-CONNECTOR						
		1	155-2270	1	KIT-CONNECTING PLUG (2 PIN)						
					(INCLUDES PLUG AS & WEDGE)						
	10	1	129-1336	1	PLATE						
	11	1	129-1368	1	PLATE						
	12	1	129-1371	1	GASKET						
	13	1	129-1373	1	GASKET						
	14	1	129-1374	1	GASKET						
	15	1	129-1376	1	CASE AS						
		1	5P-4115	4	WASHER-HARD (7.2X19X2MM THK)						
M		1	6V-9632	10	NUT-WELD (M6X1 THD)						
		1	7T-1099	3	LINK						
M		1	8T-3490	2	NUT-WELD (M10X1.5 THD)						
	16	1	129-1378	1	HOUSING AS						
	17	1	133-9399	1	GROMMET						
M	18	1	141-9784	1	BOLT-HEX HEAD (M6X190MM)						
	19	1	174-1494	1	MOTOR GP-ELECTRIC (27 VOLT) (HEATER OPEN ROPS)						
		1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2 PIN)						
		1	9W-0852	2	PIN-CONNECTOR						
		1	102-8802	1	KIT-RECEPTACLE (2 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	20	1	177-6858	1	COIL AS-HEATER						
M	21	1	129-3178	11	LOCKNUT (M6X1 THD)						
M	22	1	6V-7728	1	BOLT (M6X1.0X45MM)						
D	23	1	5P-5908		SEAL (.2M)						
D	24	1	6V-2496		SEAL (1.1M)						

D- ORDER BY THE METER
M- METRIC PART

OPERATOR STATION

163-1036 HEATER GP-OPEN ROPS (contd.)

i01899310



GRAPHIC #1

<END>

g00773308

OPERATOR STATION

167-1465 HEATER GP-OPEN ROPS

S/N: CCK1-UP

FOR USE WITH CANOPY AR. CANNOT BE USED WITH CAB AR
AN ATTACHMENT

SMCS-7304

i01830517

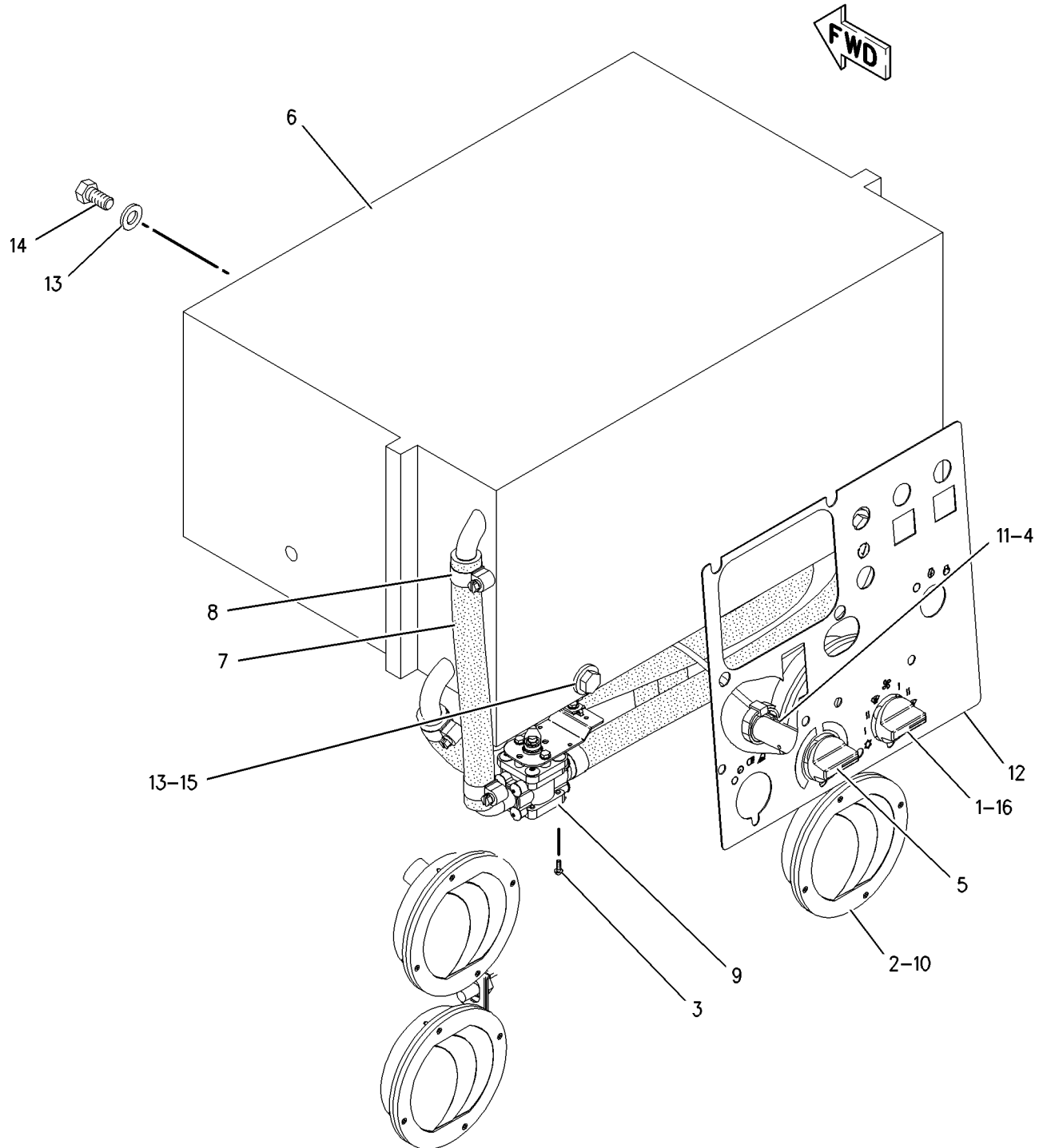
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6P-3236	1	SWITCH AS-ROTARY (HEATER BLOWER)						
		1	6V-8362	5	SCREW-MACHINE (8-32X0.31 IN)						
		1	9B-7233	5	LOCKWASHER						
	2	1	8Y-6391	4	LOUVER AS						
	3	1	9X-2185	4	SCREW (8-15X0.44 IN)						
	4	1	9X-6772	1	STRAP-CABLE						
	5	1	110-6109	1	KNOB-CONTROL (HEATER TEMPERATURE)						
Y	6	1	163-1036	1	HEATER GP-OPEN ROPS						472
E	7	1	5P-0767	1	HOSE (23CM)						
	8	1	5D-1026	4	CLAMP-HOSE						
	9	1	180-5317	1	VALVE AS-WATER (OPEN ROPS HEATER)						
		1	3E-1841	1	LEVER						
		1	6V-6717	1	SCREW-WASHER HEAD (8-32X.375 IN)						
		1	8Y-5737	1	CLAMP						
		1	037-4426	1	RETAINER						
		1	102-0341	1	CLIP (TAB)						
	10	1	132-3332	16	SCREW (NO 4 X 16MM)						
	11	1	142-6926	1	CABLE AS (HEATER TEMPERATURE CONTROL)						
	12	1	187-6092	1	FILM (DASH PANEL)						
	13	1	7X-7729	4	WASHER (11X25X3MM THK)						
M	14	1	8T-4137	2	BOLT (M10X1.5X20MM)						
M	15	1	8T-4196	2	BOLT (M10X1.5X35MM)						
	16	1	110-6109	1	KNOB-CONTROL (BLOWER FAN SPEED)						

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

OPERATOR STATION

167-1465 HEATER GP - OPEN ROPS (contd.)

i01830517



GRAPHIC #1

<END>

g00911191

OPERATOR STATION

174-2231 HOUSING GP-SEAT SUSPENSION

S/N: CCK1-UP

PART OF 160-7165 SUSPENSION GP-SEAT
AN ATTACHMENT

SMCS-7321

i01883773

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1Y-7927	1	PIN						
	2	1	2D-6235	2	LOCKNUT (1/4-20 THD)						
	3	1	2M-7819	4	RING-RETAINING						
	4	1	3D-2975	2	RING-RETAINING						
	5	1	4B-5059	6	WASHER (29.5X15X2.5MM THK)						
	6	1	4N-2927	2	RACE-THRUST BEARING						
	7	1	5D-4822	2	RING-RETAINING						
	8	1	5P-8445	4	RING-RETAINING						
	9	1	5V-0770	2	BOLT-CARRIAGE						
	10	1	7M-7219	1	BEARING-THRUST						
	11	1	7V-5191	2	SPACER (28X10X7.1MM THK)						
	12	1	8L-8413	2	STRAP-CABLE						
	13	1	8S-7803	4	RING-RETAINING						
	14	1	8Y-6041	1	ARM AS						
	15	1	8Y-6045	1	CAM						
	16	1	8Y-6046	1	PIN						
	17	1	8Y-6047	2	PIN						
	18	1	8Y-6060	2	ROLLER						
	19	1	8Y-6062	1	LINK-ACTUATOR-RH						
	20	1	8Y-6063	1	LINK-ACTUATOR-LH						
	21	1	8Y-6064	2	ROLLER-SLIDER						
	22	1	8Y-6066	1	SPRING						
	23	1	8Y-6067	1	SPACER (10.54MM THK)						
	24	1	8Y-6068	1	NUT (3/8 X 16 THD)						
	25	1	8Y-6069	1	ADJUSTER AS						
	26	1	9X-8918	3	SCREW-FLAT HEAD (8-32X0.50 IN)						
	27	1	095-0878	1	PIN-SPRING						
	28	1	131-4242	1	BOLT (3/8-16X5.18 IN)						
	29	1	131-5167	1	KNOB AS-WEIGHT (SEAT SUSPENSION)						
	30	1	161-5967	1	SHAFT						
	31	1	174-2237	1	HOUSING AS-UPPER						
JZ	32	1		1	KNOB-HEIGHT (SEAT SUSPENSION)						
JZ	33	1		1	KNOB-HEIGHT (SEAT SUSPENSION)						
LZ	34	1		2	SPRING						
LZ	35	1		2	BUSHING						
VZ	36	1		2	SPRING						
VZ	37	1		2	SPACER						
VZ	38	1		2	BUSHING-GUIDE						
VZ	39	1		2	ROD						
PZ	40	1		1	TAPE-INDICATOR						
PZ	41	1		1	GUIDE						
SZ	42	1		1	PIN						
SZ	43	1		1	FOLLOWER-CAM						
TZ	44	1		1	PIN						
TZ	45	1		1	FOLLOWER-CAM						
UZ	46	1		2	ROLLER AS						
UZ	47	1		1	ROLLER AS						
QZ	48	1		3	BUMPER						
					AVAILABLE REPAIR KIT(S) :						
J			8Y-5945	1	KIT-SUSPENSION KNOB (HEIGHT ADJUSTMENT) (SUSPENSION SEAT)						
L			8Y-6859	1	KIT-SPRING (SUSPENSION SEAT)						
V			8Y-6860	1	KIT-SPRING (HEIGHT ADJUSTMENT) (SUSPENSION SEAT)						

OPERATOR STATION

174-2231 HOUSING GP-SEAT SUSPENSION (contd.)

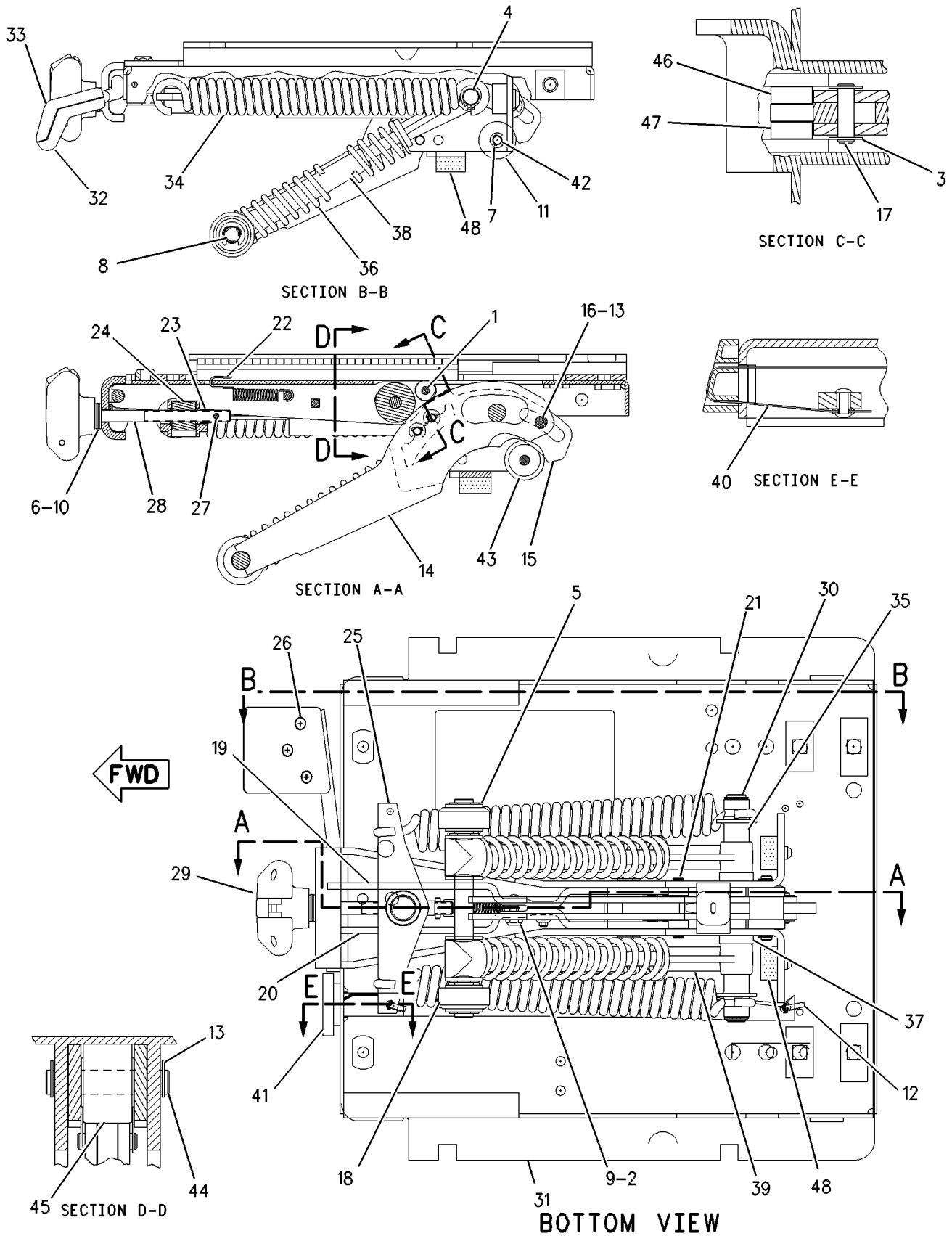
i01883773

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
P			100-3224	1	KIT-INDICATOR (WEIGHT ADJUSTMENT) (SUSPENSION SEAT)	
Q			100-5179	1	KIT-BUMPER (WEIGHT ADJUSTMENT) (SUSPENSION SEAT)	
S			108-4086	1	KIT-FOLLOWER (SUSPENSION SEAT)	
T			108-4087	1	KIT-FOLLOWER (SUSPENSION SEAT)	
U			108-4103	1	KIT-BEARING (SUSPENSION SEAT)	
J-KIT MARKED J INCLUDES PARTS MARKED J L-KIT MARKED L INCLUDES PARTS MARKED L AND RETAINING RING P-KIT MARKED P INCLUDES PARTS MARKED P AND CABLE STRAP Q-KIT MARKED Q INCLUDES PARTS MARKED Q S-KIT MARKED S INCLUDES PARTS MARKED S T-KIT MARKED T INCLUDES PARTS MARKED T U-KIT MARKED U INCLUDES PARTS MARKED U V-KIT MARKED V INCLUDES PARTS MARKED V Z-NOT SERVICED SEPARATELY						

OPERATOR STATION

174-2231 HOUSING GP-SEAT SUSPENSION (contd.)

i01883773



GRAPHIC #1

<END>

g00608620

OPERATOR STATION

204-6414 INSTALLATION GP-LINES-AIR CONDITIONER

S/N: CCK1-UP

PART OF 191-4824 CAB AR

SMCS-1808

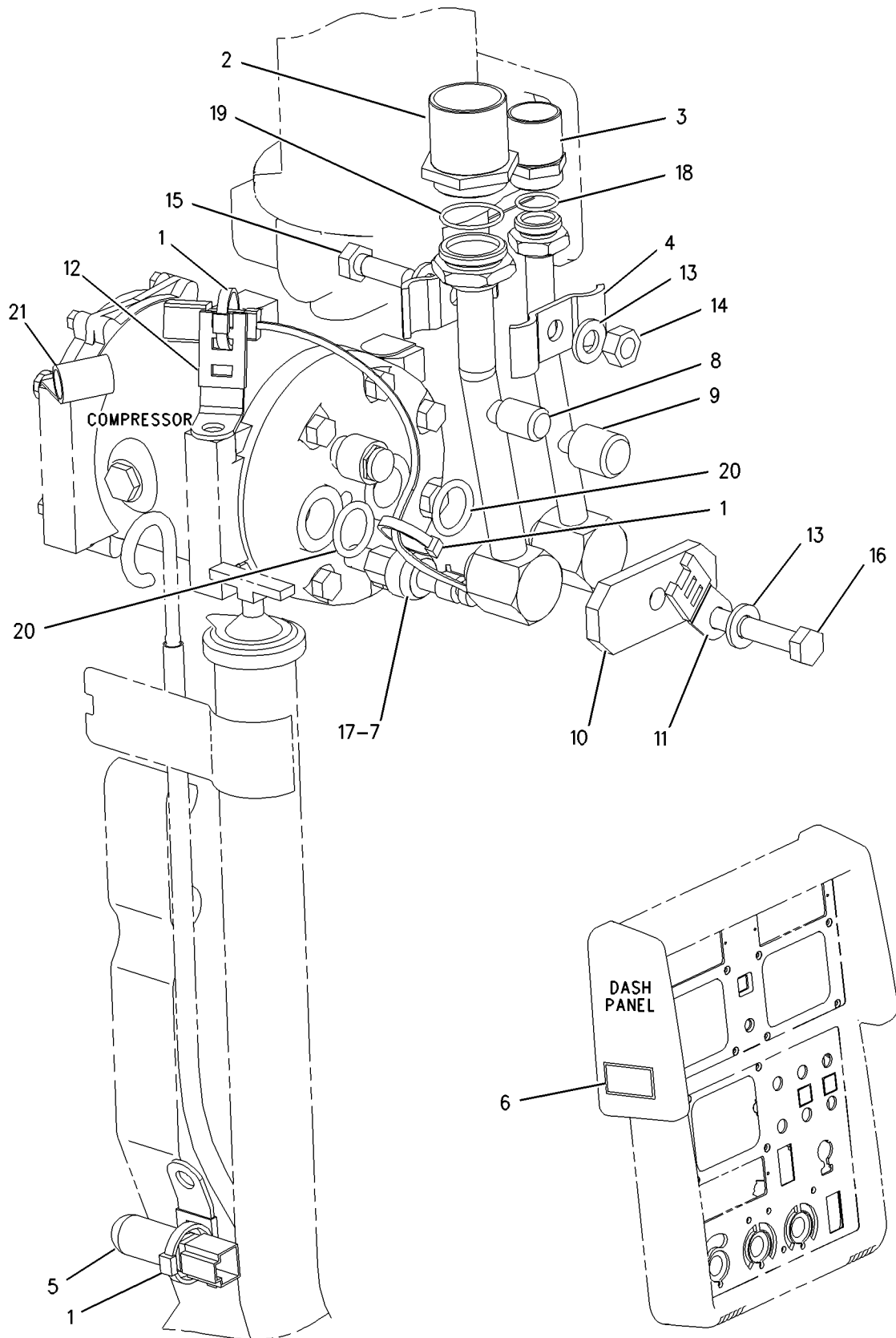
i01895732

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7K-1181	3	STRAP-CABLE						
	2	1	5P-3928	1	COUPLING AS-SEALING						
		1	107-4395	1	VALVE AS						
		1	107-4396	1	GASKET						
	3	1	7K-3176	1	COUPLING AS						
		1	107-4393	1	VALVE AS						
		1	107-4394	1	GASKET						
	4	1	9M-9162	2	CLAMP						
	5	1	106-8704	1	SUPPRESSOR AS-ARC						
	6	1	110-6393	1	PLATE-INSTRUCTION (AIR CONDITIONER)						
	7	1	114-5333	1	SWITCH AS-PRESSURE (HIGH/LOW) (COMPRESSOR)						
		1	102-8802	1	KIT-RECEPTACLE (2 PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
		1	186-3735	2	PIN-CONNECTOR						
	8	1	214-7303	1	TUBE AS						
	9	1	225-5518	1	FITTING GP						
		1	3E-4058	1	VALVE AS (AIR CONDITIONER)						
		1	3E-4052	1	CAP AS (AIR CONDITIONER)						
	10	1	1P-6356	1	PLATE						
	11	1	4P-7581	1	CLIP						
	12	1	4P-8134	1	CLIP						
	13	1	8T-4121	3	WASHER-HARD (11X21X2.5MM THK)						
M	14	1	8T-4133	1	NUT (M10X1.5 THD)						
M	15	1	8T-4195	1	BOLT (M10X1.5X30MM)						
M	16	1	8T-6466	1	BOLT (M10X1.50X60MM)						
	17	1	9X-7378	1	SEAL-O-RING						
	18	1	9X-7383	1	SEAL-O-RING						
	19	1	9X-7384	1	SEAL-O-RING						
	20	1	9X-7385	2	SEAL-O-RING						
	21	1	8M-2770	1	CLIP						
M-METRIC PART											

OPERATOR STATION

204-6414 INSTALLATION GP - LINES (contd.)

i01895732



GRAPHIC #1

<END>

g00931403

OPERATOR STATION

194-3333 INSTALLATION GP-RADIO

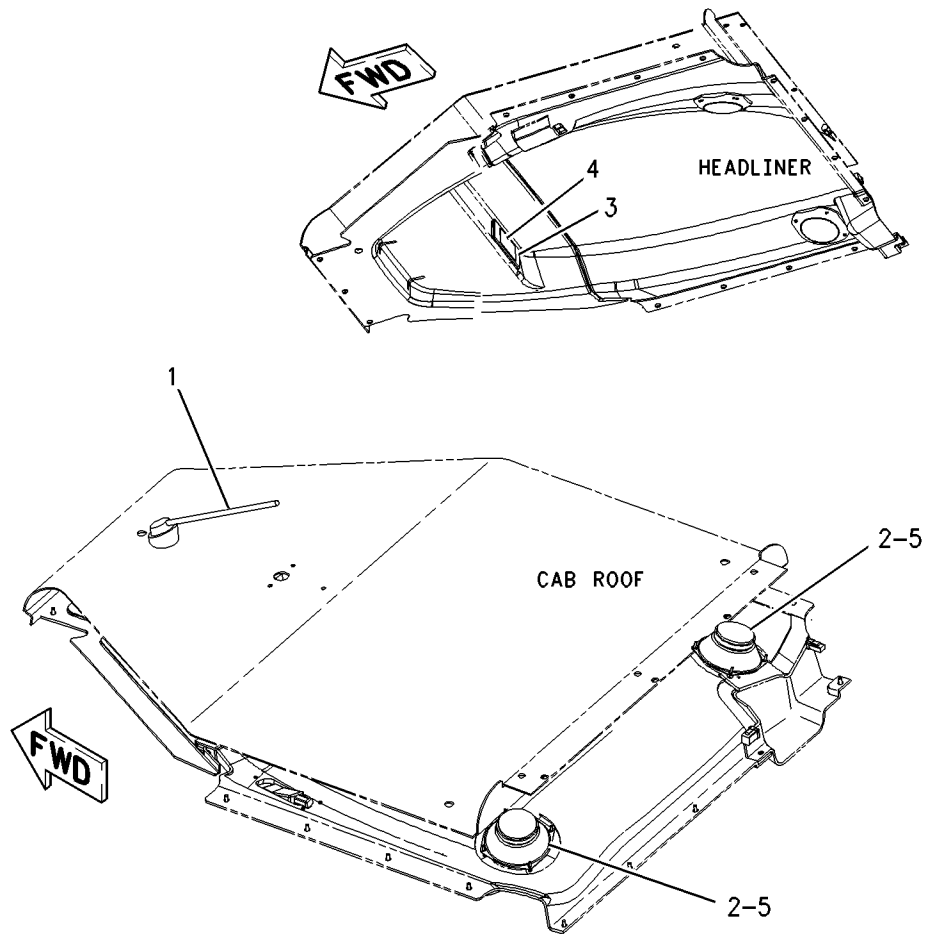
S/N: CCK1-UP

PART OF 156-8911 CAB GP

SMCS-7338

i01878325

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6C-3431	1	AERIAL						
	2	1	6T-7695	2	SPEAKER AS-RADIO						
	3	1	9U-8263	1	COVER						
	4	1	128-7988	1	FILM-NOTICE (RADIO)						
	5	1	145-4509	8	SCREW						



GRAPHIC #1

<END>

g00931293

OPERATOR STATION

177-3851 INSULATION GP-WEATHER

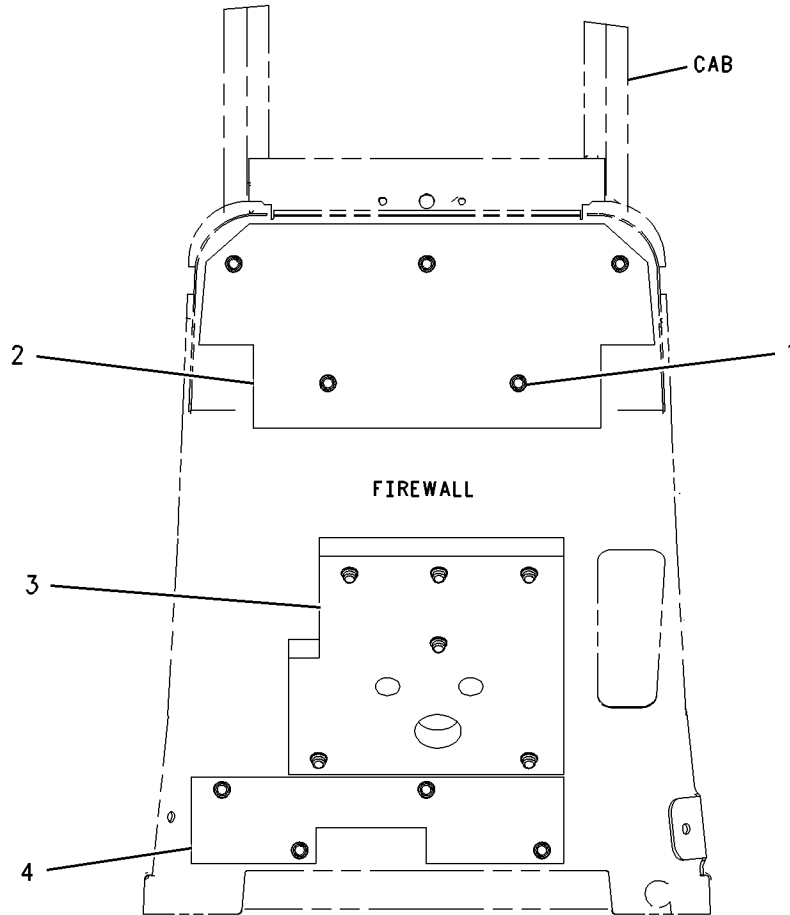
S/N: CCK1-UP

PART OF 156-8911 CAB GP

SMCS-7329

i01828963

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6P-2216	16	CAP - PUSH ON						
	2	1	223-4127	1	INSULATION						
	3	1	223-4128	1	INSULATION						
	4	1	223-4129	1	INSULATION						



GRAPHIC #1

<END>

g00914770

OPERATOR STATION

194-3315 LATCH GP-CAB DOORS

S/N: CCK1-UP

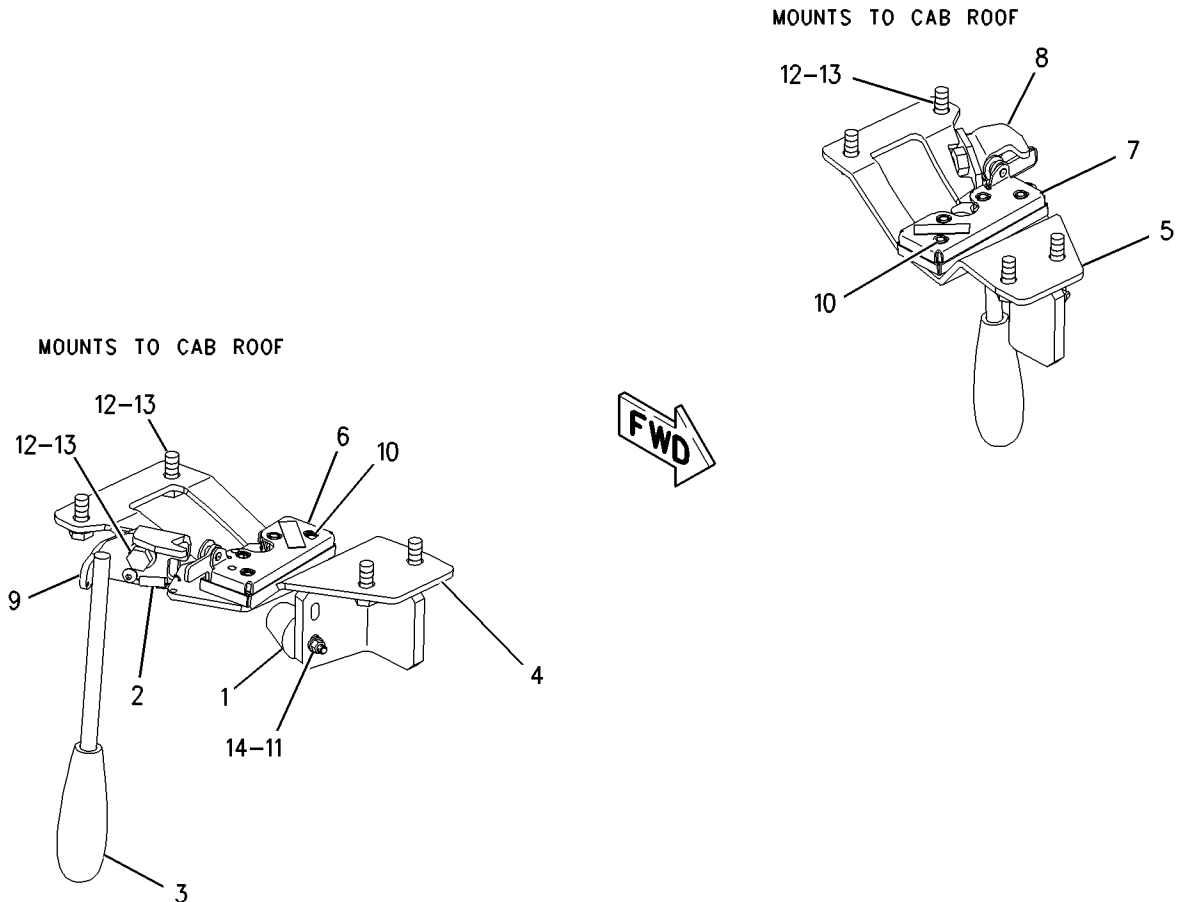
PART OF 156-8911 CAB GP

SMCS-7308

i01828908

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	109-5008	2	BUMPER-CONICAL						
	2	1	8C-3442	2	SPRING-COIL						
	3	1	110-5602	2	KNOB (DOOR LATCH)						
	4	1	224-8445	1	LATCH AS						
	5	1	224-8446	1	LATCH AS						
	6	1	196-3700	1	LATCH AS						
	7	1	196-3701	1	LATCH AS						
	8	1	224-8448	1	ROD AS (LH)						
	9	1	224-8449	1	ROD AS (RH)						
M	10	1	3T-0849	8	BOLT-SOCKET HEAD (M6X1X25MM)						
M	11	1	129-3178	2	LOCKNUT (M6X1 THD)						
	12	1	8T-4121	10	WASHER-HARD (11X21X2.5MM THK)						
M	13	1	8T-4136	10	BOLT (M10X1.5X25MM)						
	14	1	9X-8256	6	WASHER (6.6X12X2MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g00914740

OPERATOR STATION

170-2084 LINER GP-CAB

S/N: CCK1-UP

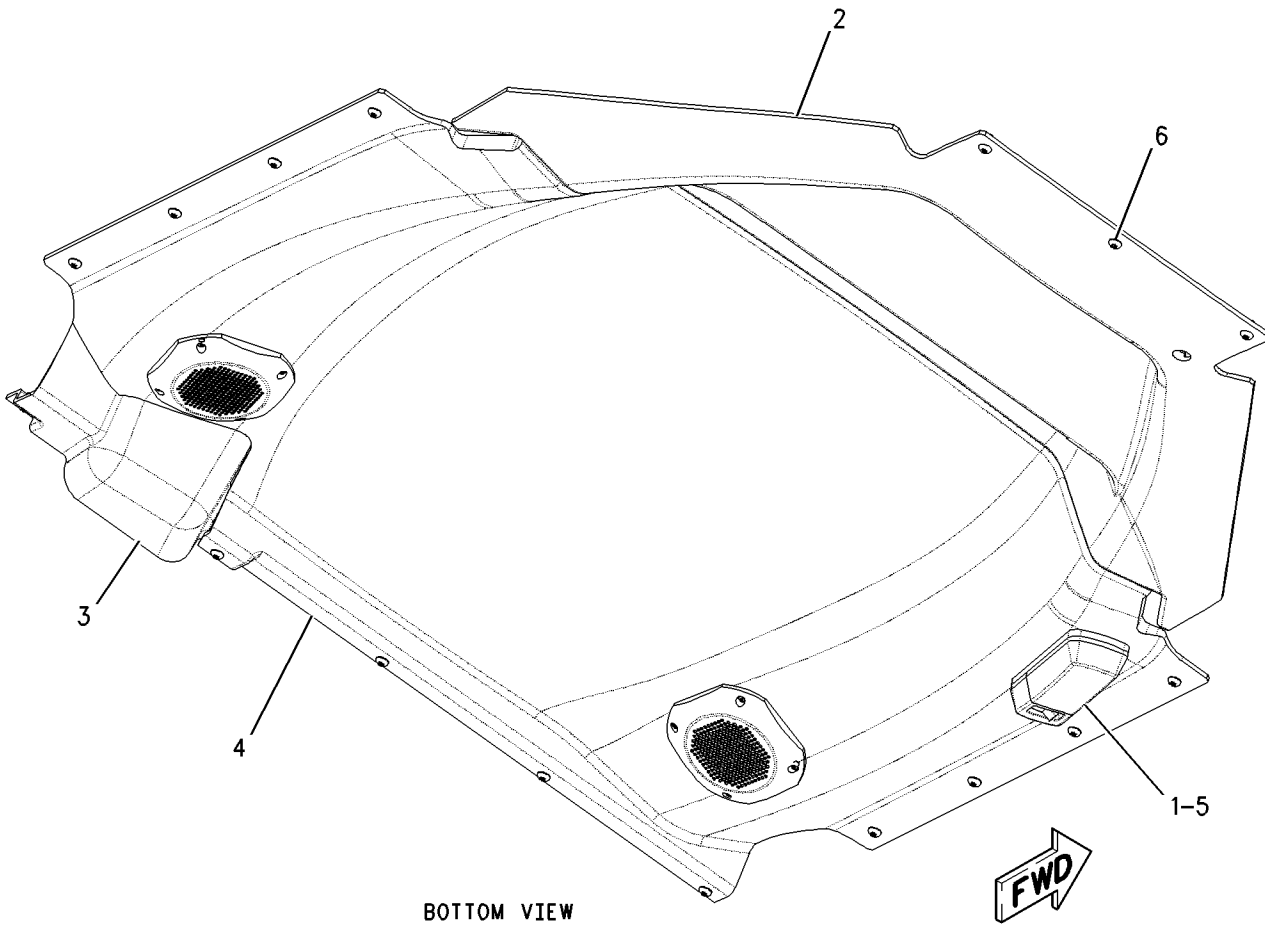
PART OF 156-8911 CAB GP

SMCS-7329

i01828950

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	3E-6389	1	LAMP GP-DOME (24 VOLT)						143
	2	1	171-9601	1	HEADLINER-FRONT						
	3	1	171-9603	1	COVER						
	4	1	205-1420	1	HEADLINER AS						
M		1	150-4086	8	SCREW (M4X.7X16MM)						
		1	173-9164	2	GRILL-SPEAKER						
M	5	1	8T-4127	3	SCREW-MACHINE (M5X0.8X20MM)						
M	6	1	9X-2044	16	SCREW-TRUSS HEAD (M6X1X16MM)						

M - METRIC PART
Y - SEPARATE ILLUSTRATION



BOTTOM VIEW

GRAPHIC #1

<END>

g00782760

OPERATOR STATION

171-9593 LINES GP-AIR CONDITIONER

S/N: CCK1-UP

PART OF 167-1458 AIR CONDITIONER GP

SMCS-1808

i01829155

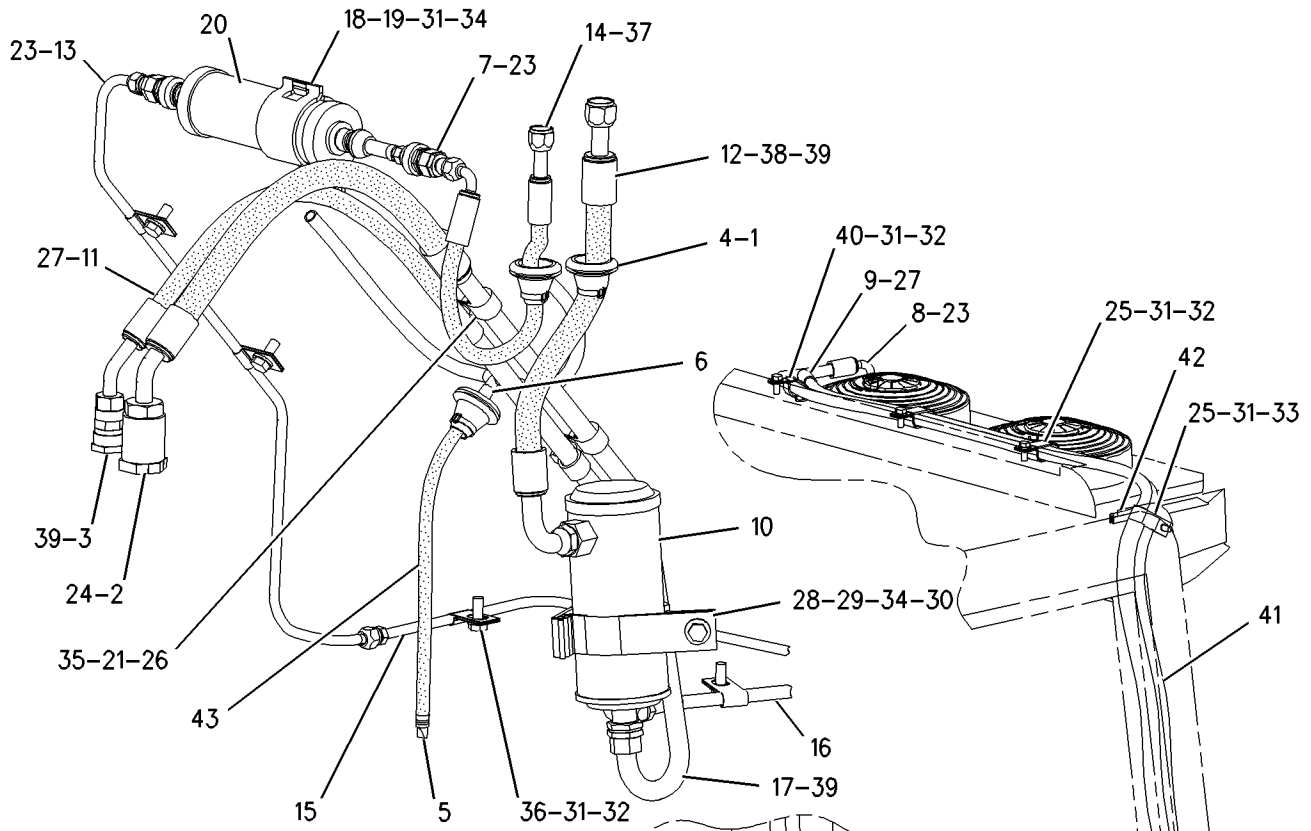
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	3	STRAP-CABLE						
	2	1	5P-3929	1	COUPLING AS-REFRIGERANT						
	3	1	5P-3948	1	COUPLING AS-REFRIGERANT						
	4	1	7T-8895	3	GROMMET						
	5	1	7T-9793	1	VALVE (CHECK)						
	6	1	8C-5682	1	TEE						
	7	1	103-6100	2	COUPLER AS-QUICK						
I	8	1	175-7656	1	HOSE AS						
I	9	1	175-7657	1	HOSE AS						
	10	1	186-6189	1	ACCUMULATOR-REFRIGERANT						
I	11	1	221-5161	1	HOSE AS						
I	12	1	221-5162	1	HOSE AS						
	13	1	221-5163	1	TUBE AS						
I	14	1	221-5164	1	HOSE AS						
	15	1	221-5165	1	TUBE AS						
	16	1	221-5166	1	TUBE AS						
	17	1	222-5086	1	TUBE GP						
	18	1	109-1633	1	CLIP (SLOT)						
	19	1	109-1634	1	CLIP (TAB)						
	20	1	3E-3535	1	RECEIVER-DRYER GP (REFRIGERANT)						
	21	1	3S-8536	2	SPACER (.406X.656X.38IN THK)						
	22	1	4M-5942	6	CLIP						
	23	1	5F-9144	5	SEAL-O-RING						
	24	1	5P-3944	1	SEAL-O-RING						
	25	1	6D-1641	3	CLIP						
	26	1	6D-4246	4	CLIP						
	27	1	6M-5062	3	SEAL-O-RING						
	28	1	6V-4356	1	CLIP (SLOT)						
	29	1	6V-4357	1	CLIP (TAB)						
	30	1	7X-7729	1	WASHER (11X25X3MM THK)						
	31	1	8T-4121	16	WASHER-HARD (11X21X2.5MM THK)						
M	32	1	8T-4136	7	BOLT (M10X1.5X25MM)						
M	33	1	8T-4137	6	BOLT (M10X1.5X20MM)						
M	34	1	8T-4195	2	BOLT (M10X1.5X30MM)						
M	35	1	8T-4196	2	BOLT (M10X1.5X35MM)						
	36	1	9S-1310	8	CLIP						
	37	1	9X-7381	1	SEAL-O-RING						
	38	1	9X-7382	1	SEAL-O-RING						
	39	1	9X-7383	3	SEAL-O-RING						
	40	1	9X-8250	1	CLIP						
BE	41	1	7X-7702		CONDUIT-FLEXIBLE						
BE	42	1	223-0118		SEAL						
BD	43	1	5P-4829		TUBE						

B- USE AS REQUIRED
D- ORDER BY THE METER
E- ORDER BY THE CENTIMETER
I- SEE HOSE FABRICATION GUIDE
M- METRIC PART

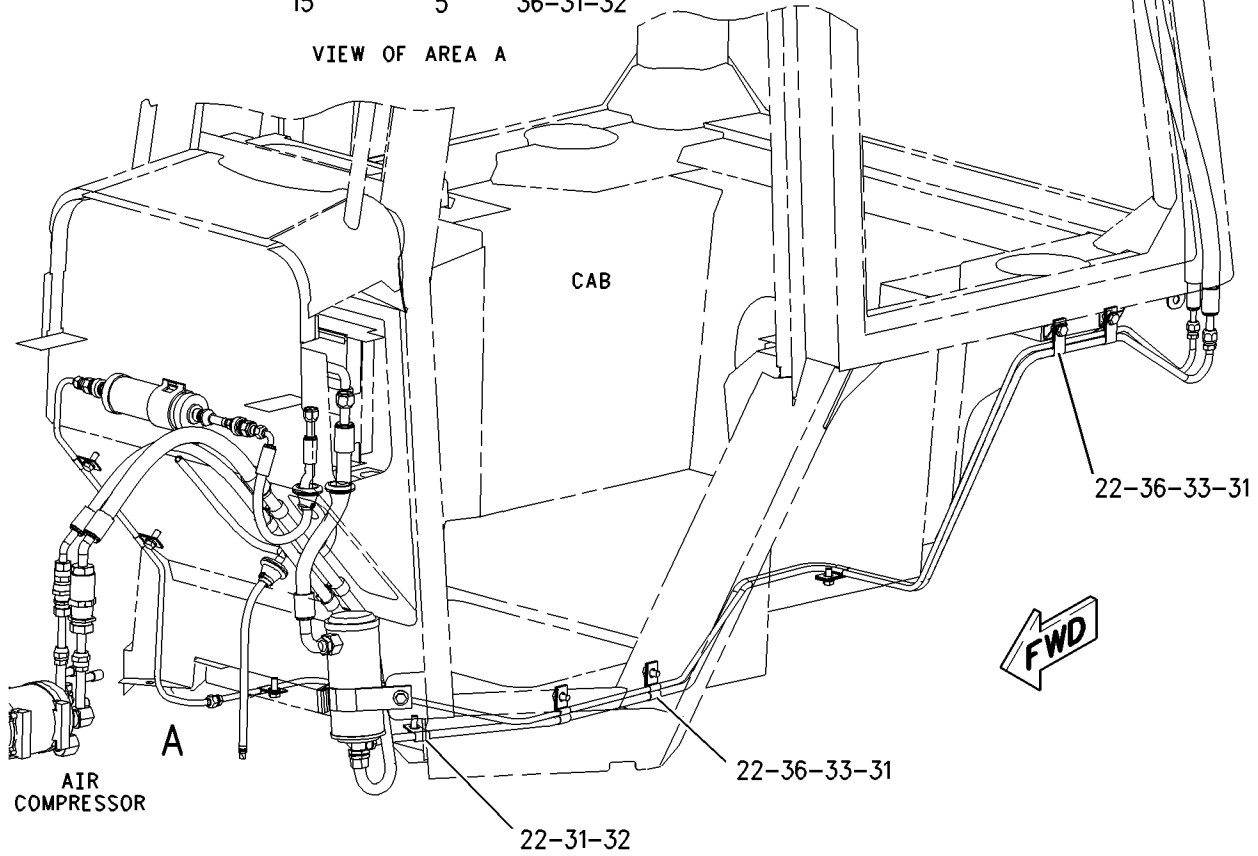
OPERATOR STATION

171-9593 LINES GP-AIR CONDITIONER (contd.)

i01829155



VIEW OF AREA A



OPERATOR STATION

171-9592 LINES GP-HEATER-NON-CAB

S/N: CCK1-UP

PART OF 218-3064 PLATFORM GP
AN ATTACHMENT

SMCS-7304

i01830227

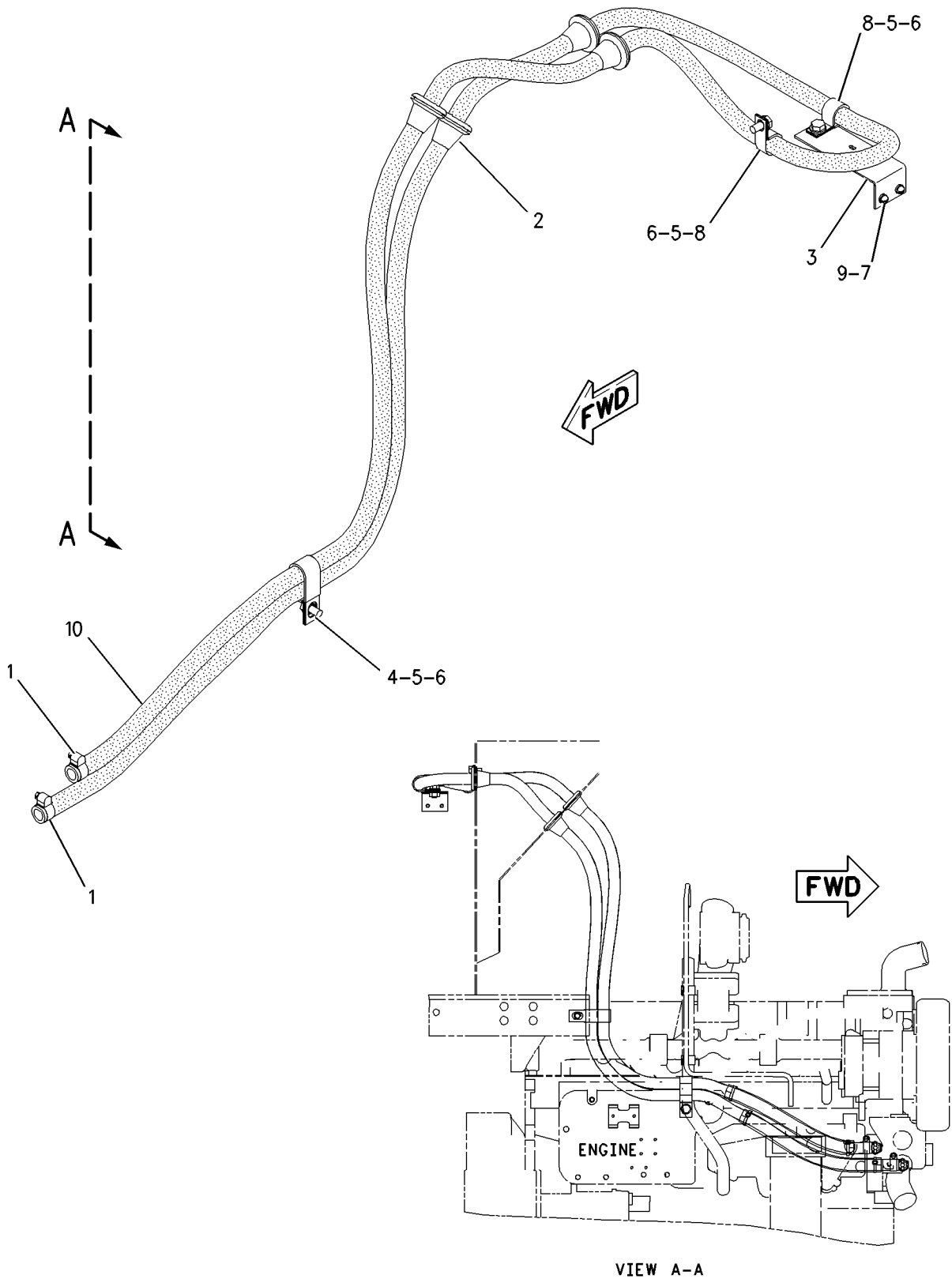
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5D-1026	2	CLAMP-HOSE						
	2	1	7T-8894	4	GROMMET						
	3	1	226-0636	1	BRACKET AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5 THD)						
		1	177-3848	1	PLATE						
	4	1	5P-6994	1	CLIP						
	5	1	8T-4121	3	WASHER-HARD (11X21X2.5MM THK)						
M	6	1	8T-4137	3	BOLT (M10X1.5X20MM)						
M	7	1	9X-2044	2	SCREW-TRUSS HEAD (M6X1X16MM)						
	8	1	9X-8250	2	CLIP						
	9	1	9X-8256	2	WASHER (6.6X12X2MM THK)						
E	10	1	5P-0767		HOSE (400CM)						

E-ORDER BY THE CENTIMETER
M-METRIC PART

OPERATOR STATION

171-9592 LINES GP-HEATER (contd.)

i01830227



GRAPHIC #1

<END>

g00912203

OPERATOR STATION

222-3800 LINES GP-HEATER-CAB

S/N: CCK1-UP

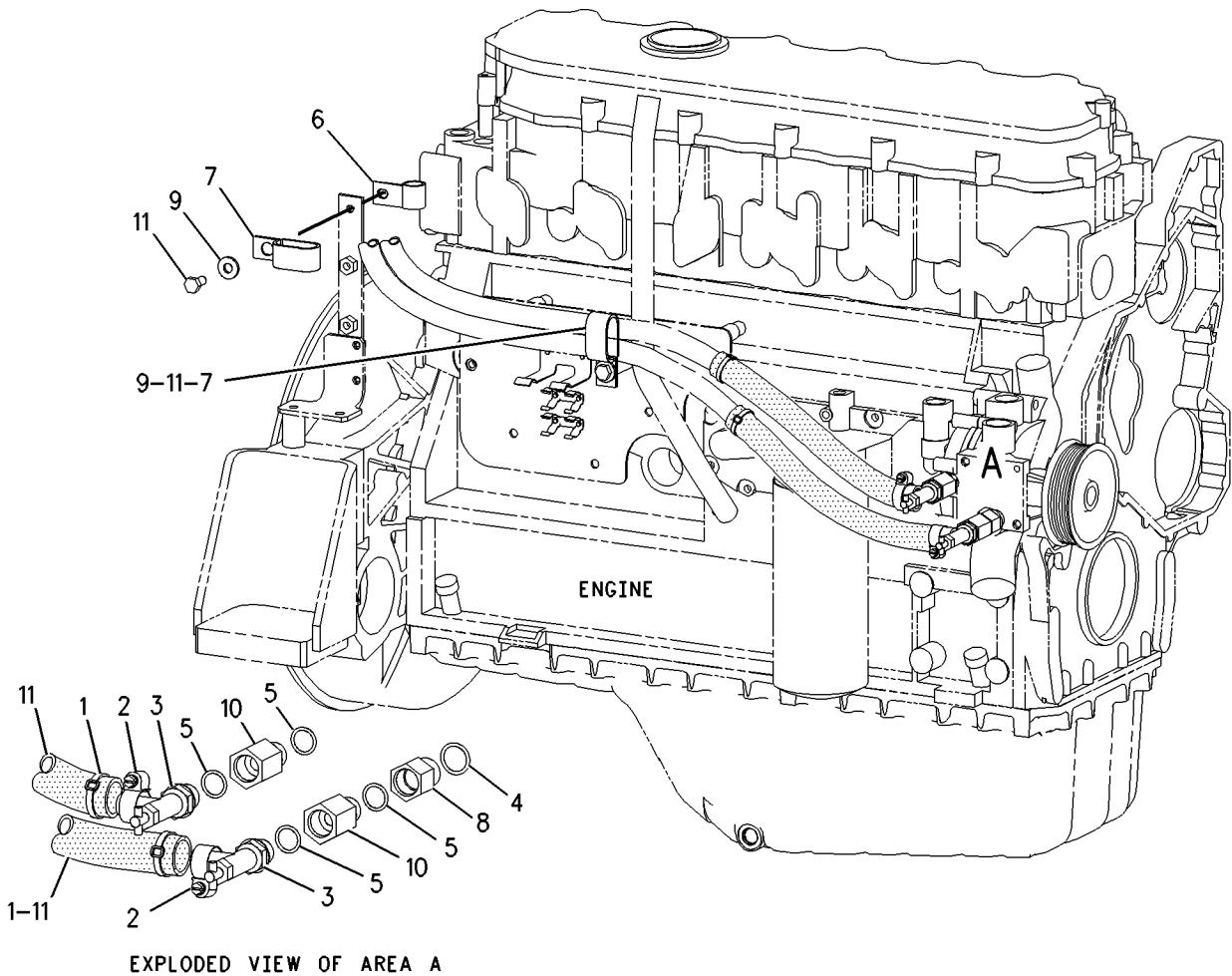
PART OF 191-4824 CAB AR

SMCS-7304

i01899316

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	4	STRAP - CABLE						
	2	1	5D-1026	2	CLAMP - HOSE						
	3	1	6V-7238	2	VALVE - SHUTOFF (CAB HEATER LINES - ENGINE MOUNT)						
	4	1	2M-9780	1	SEAL - O-RING						
	5	1	3K-0360	4	SEAL - O-RING						
	6	1	4D-7735	1	CLIP						
	7	1	5P-6994	2	CLIP						
	8	1	6V-7420	1	ADAPTER - STRAIGHT THREAD						
	9	1	7X-7729	2	WASHER (11X25X3MM THK)						
	10	1	8T-1715	2	ADAPTER - STRAIGHT THREAD						
M	11	1	8T-4137	2	BOLT (M10X1.5X20MM)						
BE	12	1	7X-7702		CONDUIT - FLEXIBLE						

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



GRAPHIC #1

<END>

g00976465

OPERATOR STATION

8E-8706 MIRROR GP

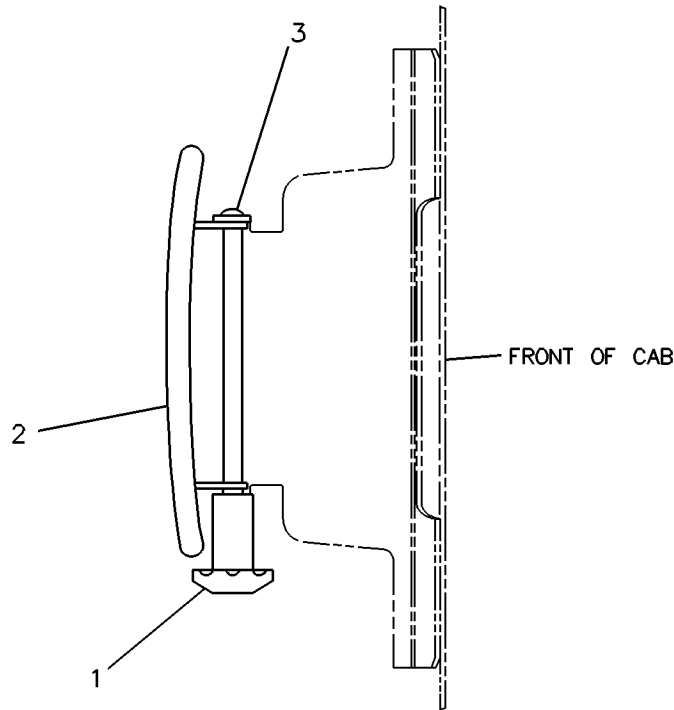
S/N: CCK1-UP

PART OF 156-8911 CAB GP

SMCS-7319

i01895760

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9P-9388	1	KNOB (MIRROR)						
	2	1	5P-6874	1	MIRROR (REAR VIEW)						
	3	1	5K-9179	1	BOLT-ROUND HEAD						



GRAPHIC #1

<END>

g00223660

OPERATOR STATION

166-6928 MODULE GP-QUAD GAUGE

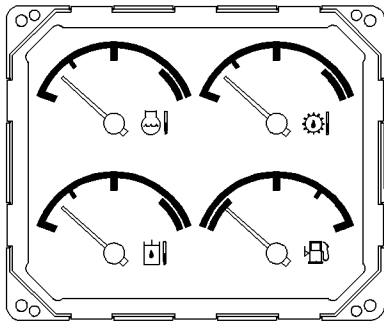
S/N: CCK1-UP

PART OF 156-8951, 165-2790 PANEL GP-INSTRUMENT
ALSO AN ATTACHMENT

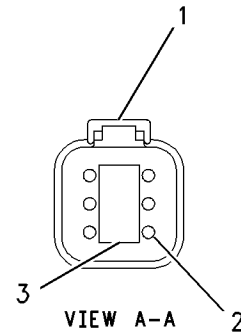
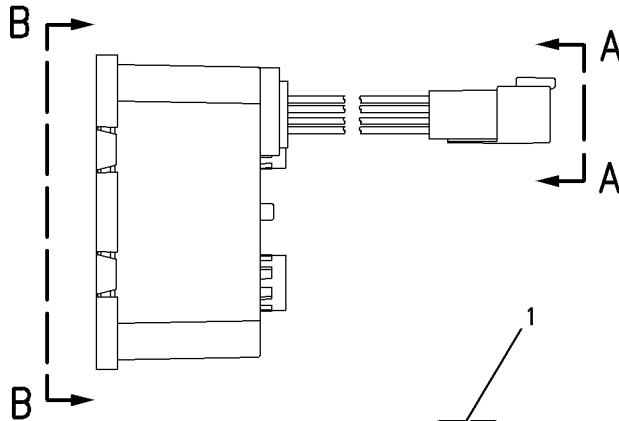
SMCS-7450, 7451

i01883788

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	102-8805	1	KIT-RECEPTACLE (6 PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
	2	1	8T-8729	6	PIN-CONNECTOR						
	3	1	3E-3383	1	WEDGE-RECEPTACLE LOCK						



VIEW B-B



VIEW A-A

GRAPHIC #1

<END>

g00690309

OPERATOR STATION

156-8915 MOUNTING GP-CAB

S/N: CCK1-UP

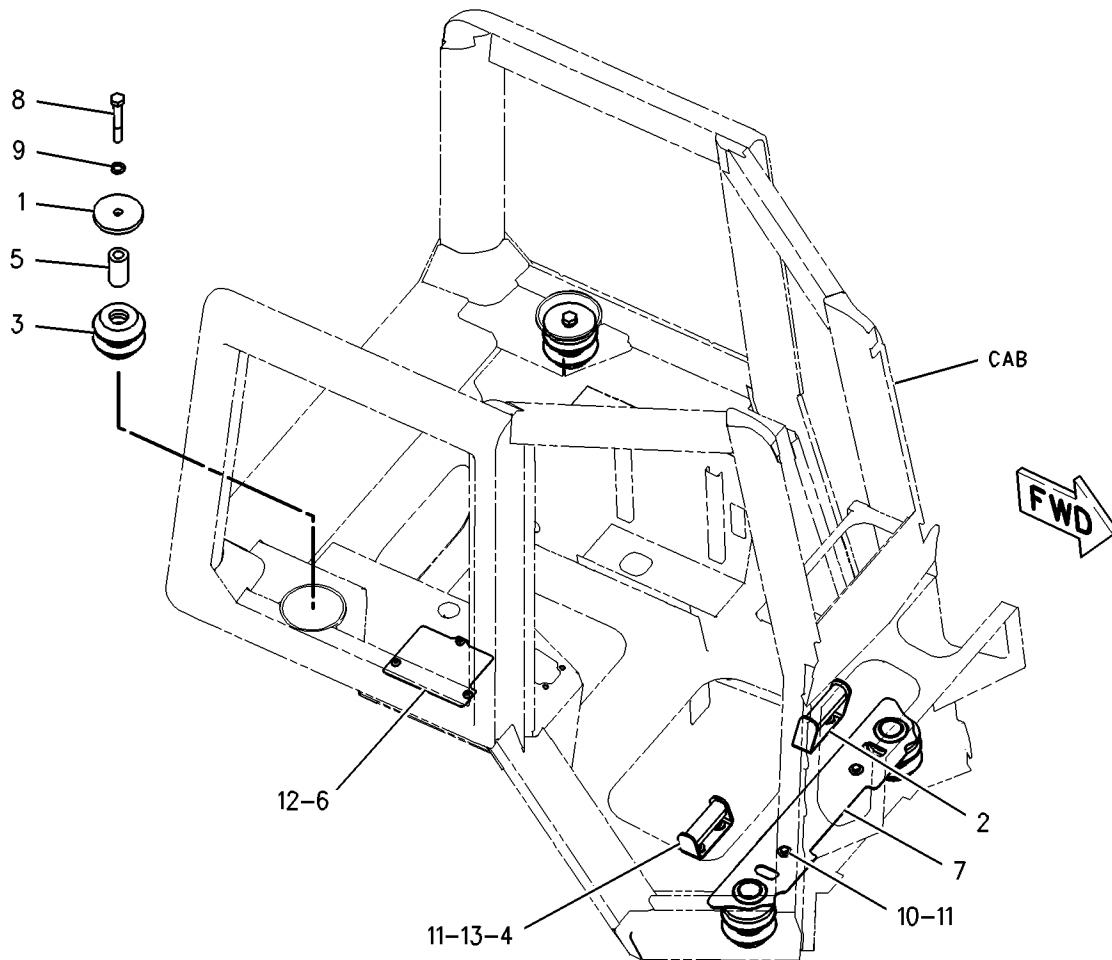
PART OF 191-4824 CAB AR

SMCS-7266, 7301

i01828708

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3T-3462	4	PLATE						
	2	1	212-4024	1	SUPPORT AS						
	3	1	117-8131	8	MOUNT						
	4	1	212-4023	1	SUPPORT AS						
	5	1	171-2133	4	SLEEVE						
	6	1	180-1298	1	PLATE						
	7	1	188-1845	1	COVER						
M	8	1	8C-8478	4	BOLT (M20X2.5X140MM)						
	9	1	8T-4123	4	WASHER-PLATED (22X35X3.5MM THK)						
M	10	1	8T-4136	2	BOLT (M10X1.5X25MM)						
	11	1	8T-4222	6	WASHER-PLATED (11X32X2.5MM THK)						
M	12	1	9X-2041	3	SCREW-TRUSS HEAD (M10X1.5X20MM)						
M	13	1	8T-4185	4	BOLT (M10X1.5X50MM)						

M-METRIC PART



GRAPHIC #1

<END>

g00909966

OPERATOR STATION

218-3137 MOUNTING GP-PLATFORM

S/N: CCK1-UP

PART OF 193-3812 CANOPY AR
AN ATTACHMENT

SMCS-7253

i01830202

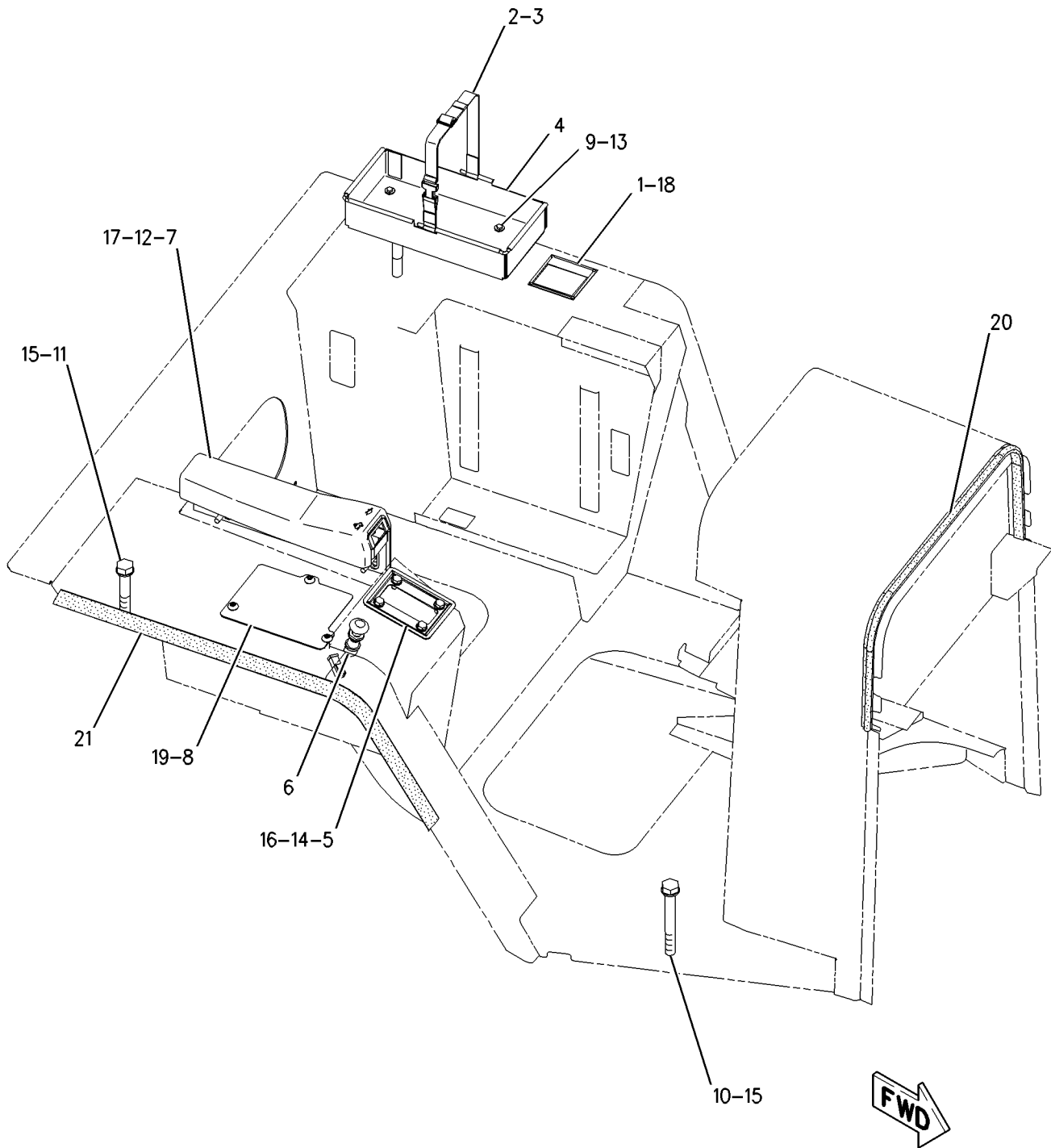
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-8197	1	PLATE-WARNING (DO NOT OPERATE)						
	2	1	7G-4823	1	STRAP						
	3	1	7G-4824	1	STRAP						
	4	1	7T-0786	1	RETAINER AS						
	5	1	8E-5962	1	PLATE						
Y	6	1	158-6632	1	SWITCH AS-HORN						174
	7	1	165-4879	1	ARMREST AS						
M		1	5C-9553	3	BOLT (M6X1X16MM)						
		1	5P-0537	3	WASHER-HARD (7.2X14.5X2MM THK)						
	8	1	180-1298	1	PLATE						
	9	1	5P-4115	4	WASHER-HARD (7.2X19X2MM THK)						
M	10	1	7X-2488	2	BOLT (M20X2.5X160MM)						
M	11	1	7X-2566	2	BOLT (M20X2.5X110MM)						
	12	1	7X-7729	2	WASHER (11X25X3MM THK)						
M	13	1	8C-3210	4	BOLT (M6X1X16MM)						
	14	1	8T-4121	4	WASHER-HARD (11X21X2.5MM THK)						
	15	1	8T-4123	4	WASHER-PLATED (22X35X3.5MM THK)						
M	16	1	8T-4137	4	BOLT (M10X1.5X20MM)						
M	17	1	8T-4185	2	BOLT (M10X1.5X50MM)						
	18	1	9N-1995	4	RIVET-POP						
M	19	1	9X-2040	3	SCREW-TRUSS HEAD (M10X1.5X25MM)						
BE	20	1	140-1320		SEAL						
BD	21	1	211-2355		SEAL						
F			206-7737	1	PIPE AS						
F			9Y-8315	1	CLAMP-BENT BOLT						

B-USE AS REQUIRED
D-ORDER BY THE METER
E-ORDER BY THE CENTIMETER
F-NOT SHOWN
M-METRIC PART
Y-SEPARATE ILLUSTRATION

OPERATOR STATION

218-3137 MOUNTING GP-PLATFORM (contd.)

i01830202



GRAPHIC #1

<END>

g00912099

OPERATOR STATION

157-4819 MOUNTING GP-ROPS

S/N: CCK1-UP

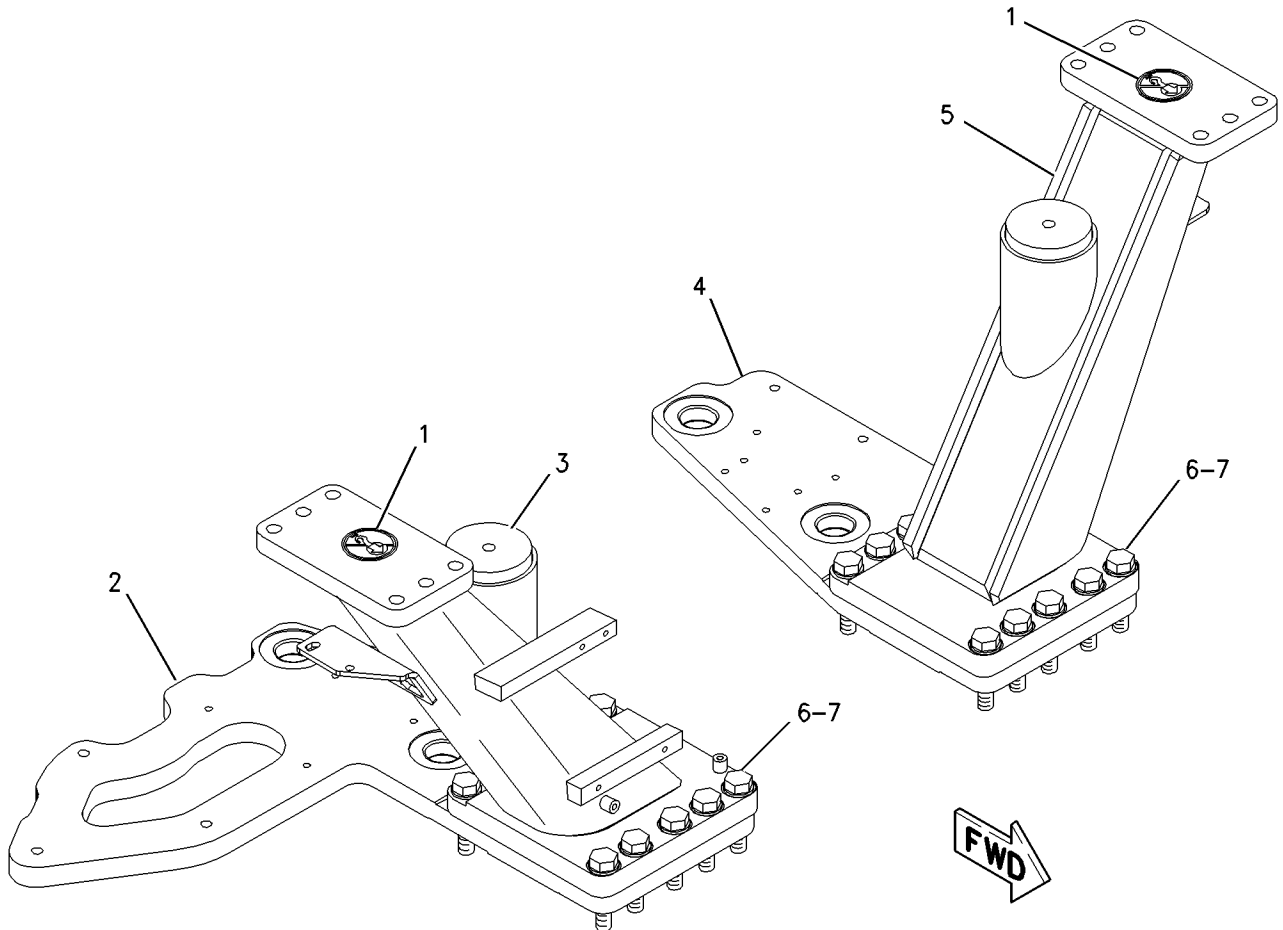
PART OF 189-4619 CHASSIS AR

SMCS-7266

i01828545

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8T-7038	2	FILM-WARNING (DO NOT LIFT)						
	2	1	193-6930	1	PLATE						
	3	1	193-6931	1	SUPPORT AS (RH)						
	4	1	193-6939	1	PLATE						
	5	1	193-6940	1	SUPPORT AS (LH)						
M	6	1	7X-2454	20	BOLT (M24X3X110MM)						
	7	1	8T-4167	20	WASHER-HARD (26X44X4MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g00774342

OPERATOR STATION

178-0604 PAN GP-BACKREST

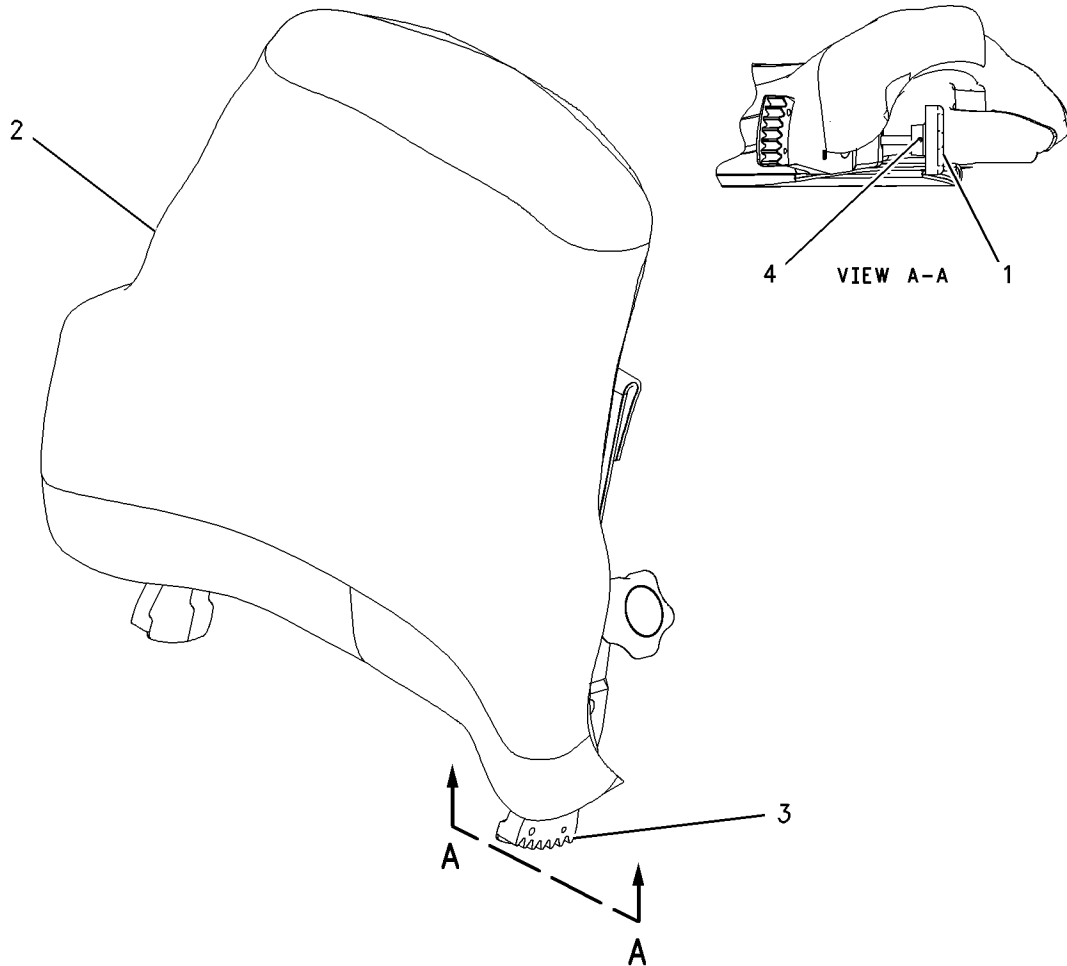
S/N: CCK1-UP
PART OF 178-0603 SEAT GP
AN ATTACHMENT

SMCS-7312

i01448095

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	164-4883	1	KNOB-LUMBAR						
	2	1	169-0651	1	CUSHION AS						
Y	3	1	178-0605	1	PAN GP-BACKREST						497
	4	1	8T-7566	1	PIN-SPRING						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00727710

OPERATOR STATION

178-0605 PAN GP-BACKREST

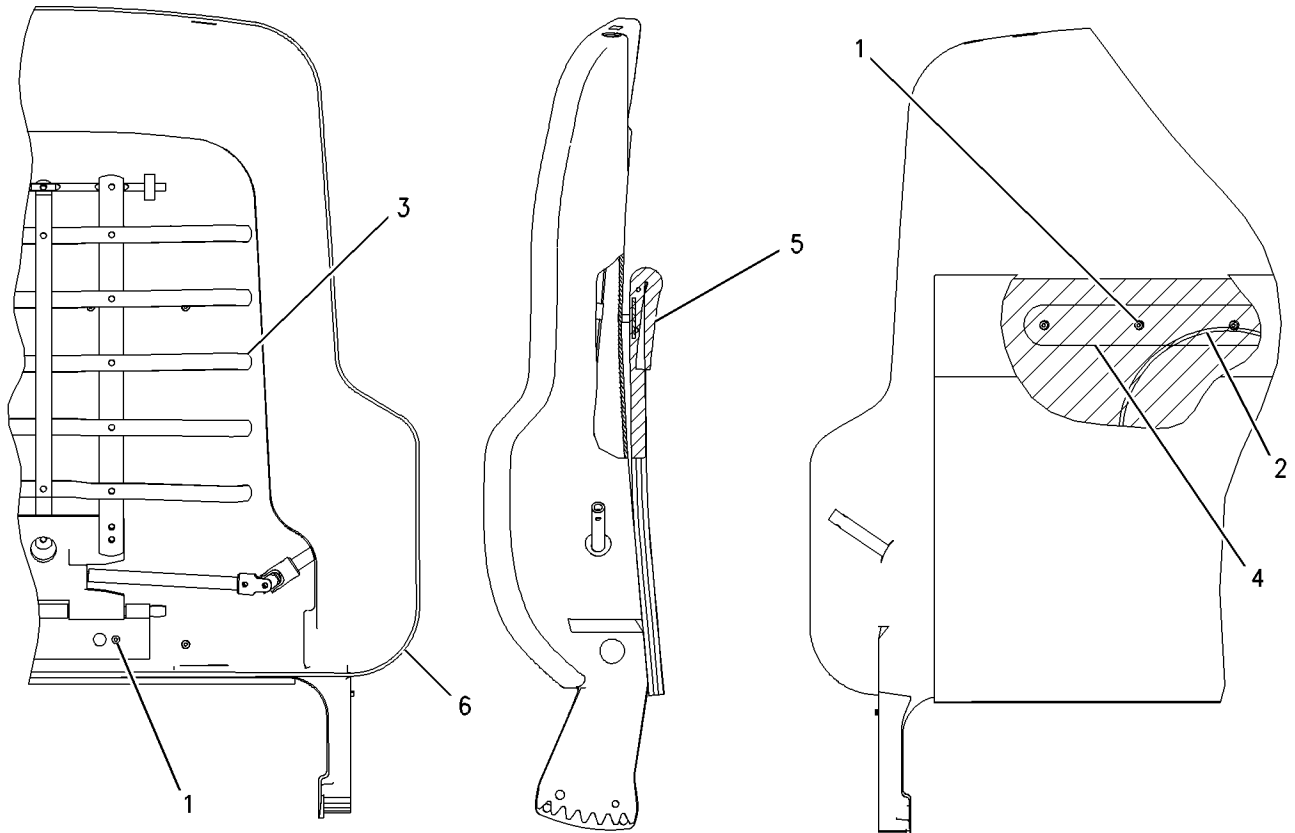
S/N: CCK1-UP

PART OF 178-0604, 180-7305 PAN GP-BACKREST
AN ATTACHMENT

SMCS-7312

i01437598

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4K-9429	8	RIVET-POP						
	2	1	5P-7957	1	LANYARD						
	3	1	136-1543	1	PLATE AS-LUMBAR						
	4	1	173-2052	1	RETAINER						
	5	1	178-7907	1	HOLDER						
	6	1	177-4930	1	PAN AS-BACK						



GRAPHIC #1

<END>

g00716497

OPERATOR STATION

180-7305 PAN GP-BACKREST-VINYL SEAT

S/N: CCK1-UP

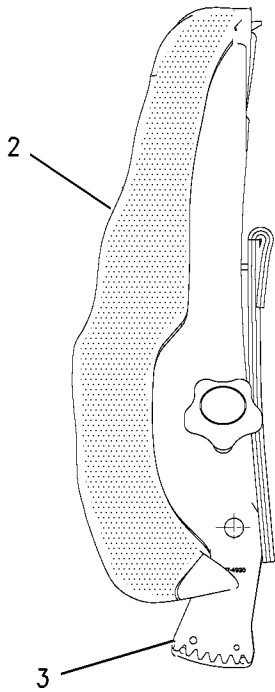
PART OF 180-7304 SEAT GP
AN ATTACHMENT

SMCS-7312

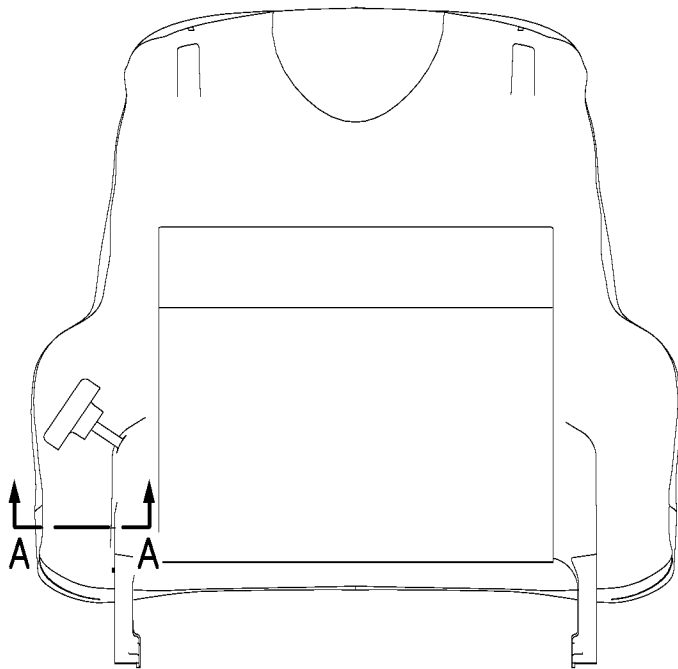
i01883796

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	164-4883	1	KNOB-LUMBAR						
	2	1	169-0697	1	CUSHION AS						
		1	184-2300	1	FILM (SEAT CUSHION IDENTIFICATION)						
Y	3	1	178-0605	1	PAN GP-BACKREST						497
	4	1	8T-7566	1	PIN-SPRING						

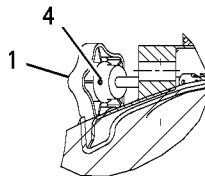
Y-SEPARATE ILLUSTRATION



LEFT SIDE VIEW



REAR VIEW



SECTION A-A

GRAPHIC #1

<END>

g00678939

OPERATOR STATION

156-8951 PANEL GP - INSTRUMENT - CAB

S/N: CCK1-UP

PART OF 217-3819 CAB GP

SMCS-7450, 7451

i01893855

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	2P-4339	1	NUT-JAM (7/16-20 THD)						
	2	1	3E-0109	1	PLUG-ROCKER SWITCH						
	3	2	6P-3236	1	SWITCH AS-ROTARY (BLOWER A/C-HEATER-DEFROST)						
		2	6V-8362	5	SCREW-MACHINE (8-32X0.31 IN)						
		2	9B-7233	5	LOCKWASHER						
	4	2	7K-1181	15	STRAP-CABLE						
	5	2	7N-5876	2	LAMP (24 VOLT) (QUAD GAUGE)						
	6	1	223-0455	3	LOUVER AS						
	7	2	083-9527	1	SPACER (13X20X1.5MM THK)						
	8	1	110-6109	1	KNOB-CONTROL (CAB TEMPERATURE)						
	9	2	116-6203	1	RESISTOR AS						
		2	3E-3365	1	WEDGE-RECEPTACLE LOCK (2 PIN)						
		2	186-3735	2	PIN-CONNECTOR						
	10	2	116-7964	2	MOUNT						
	11	2	122-7127	8	NUT (NYLON)						
	12	2	123-0304	1	INDICATOR AS (ACTION LAMP)						
		2	115-1748	1	LAMP (24 VOLT) (ACTION LAMP)						
		2	123-0306	1	SOCKET AS						
	13	2	123-9294	2	LAMP (24 VOLT) (INSTRUMENT)						
	14	1	133-9405	1	SWITCH AS-PUSH BUTTON (AUTO-SHIFT BI DIRECTIONAL)						
		1	3K-0835	1	NUT (5/8-24 THD)						
		1	6F-0253	1	LOCKWASHER						
		1	186-3735	3	PIN-CONNECTOR						
		1	102-8803	1	KIT-RECEPTACLE (3 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
Y	15	1	154-7443	1	CONTROL GP-MONITOR (CATERPILLAR MONITORING SYSTEM)						130
	16	2	159-9257	1	LIGHT-DASH PANEL						
	17	1	213-2980	1	HARNESS AS (INSTRUMENT PANEL)						
		1	102-8802	1	KIT-RECEPTACLE (2 PIN)						
		1	102-8803	1	KIT-RECEPTACLE (3 PIN)						
		1	102-8806	1	KIT-RECEPTACLE (8 PIN)						
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2255	1	KIT-CONNECTING PLUG (12 PIN)						
		1	155-2256	1	KIT-CONNECTING PLUG (12 PIN)						
		1	155-2265	2	KIT-CONNECTING PLUG (8 PIN)						
		1	155-2260	4	KIT-CONNECTING PLUG (3 PIN)						
		1	155-2270	2	KIT-CONNECTING PLUG (2 PIN)						
		1	155-2271	1	KIT-CONNECTING PLUG (4 PIN)						
		1	155-2274	4	KIT-CONNECTING PLUG (6 PIN)						
					(EACH PLUG KIT INCLUDES PLUG AS & WEDGE)						
		1	8T-9834	1	PLUG AS-CONNECTOR (40 PIN)						
	18	1	165-0222	1	FILM-PANEL (DASH)						
	19	1	165-0225	1	PANEL AS-INSTRUMENT						
Y	20	1	166-6928	1	MODULE GP-QUAD GAUGE						491
	21	2	172-8212	1	BRACKET						
	22	1	213-5139	1	FILM (ACTION LIGHT) (MALFUNCTION)						
	23	2	175-3950	1	SWITCH AS (LIGHTS)						
		2	9W-0852	7	PIN-CONNECTOR						
		2	102-8806	1	KIT-RECEPTACLE (8 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	24	2	175-4393	2	SPACER (11.4X17.5X2MM THK)						
	25	2	175-6579	1	PLATE						
	26	2	175-6580	1	BRACKET						

OPERATOR STATION

156-8951 PANEL GP - INSTRUMENT (contd.)

i01893855

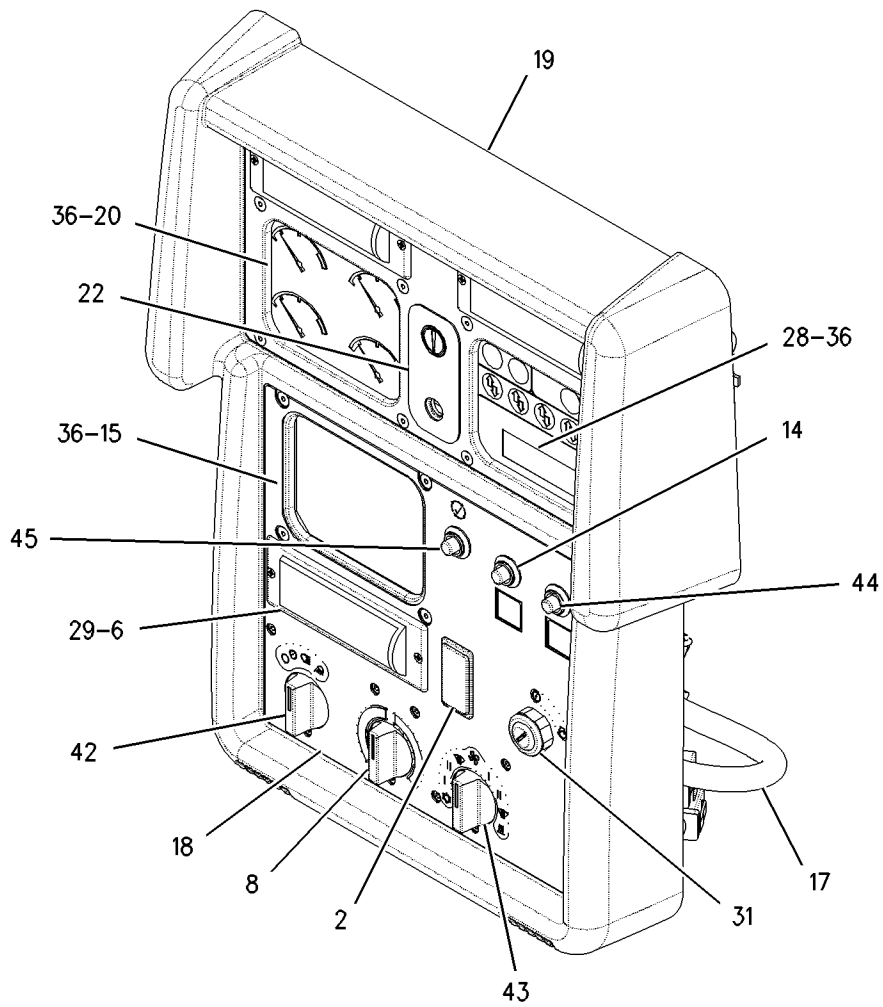
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	27	2	176-1485	1	CABLE						
	28	1	223-2455	1	MODULE GP-DISPLAY (LAMP & GEAR) (TRANSMISSION GEAR INDICATOR)						
		1	102-8805	1	KIT-RECEPTACLE (6 PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
	29	1	104-2091	6	SCREW-FLAT HEAD (6-20X0.5 IN)						
M	30	2	123-4950	7	SCREW-PAN HEAD (M6X1X16MM)						
	31	1	142-8858	1	SWITCH AS-KEY START						
		1	167-1530	1	NUT						
M	32	2	153-9301	3	BOLT-SOCKET HEAD (M4X0.7X10MM)						
	33	2	4P-7581	3	CLIP (LADDER)						
	34	2	4P-8134	12	CLIP						
	35	2	5P-4116	2	WASHER-HARD (8.8X20.5X2MM THK)						
	36	1	201-0694	12	SCREW-FLAT HEAD						
M	37	2	8T-4171	5	BOLT (M6X1X12MM)						
M	38	2	8T-4189	2	BOLT (M8X1.25X20MM)						
	39	2	8T-4205	18	WASHER-HARD (7.2X14.5X2MM THK)						
	40	2	221-3700	5	BOLT-SOCKET HEAD (M4X0.7X16MM)						
M	41	2	9X-2042	7	SCREW-TRUSS HEAD (M6X1X12MM)						
	42	1	110-6109	1	KNOB-CONTROL (LIGHTS)						
	43	1	110-6109	1	KNOB-CONTROL (BLOWER)						
	44	1	133-9405	1	SWITCH AS-PUSH BUTTON (AUTO DOWN SHIFT)						
		1	3K-0835	1	NUT (5/8-24 THD)						
		1	6F-0253	1	LOCKWASHER						
		1	186-3735	3	PIN-CONNECTOR						
		1	102-8803	1	KIT-RECEPTACLE (3 PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
	45	1	133-9405	1	SWITCH AS-PUSH BUTTON (EMS CYCLE SCROLL)						
		1	3K-0835	1	NUT (5/8-24 THD)						
		1	6F-0253	1	LOCKWASHER						
		1	186-3735	3	PIN-CONNECTOR						
		1	102-8803	1	KIT-RECEPTACLE (3 PIN) (INCLUDES RECEPTACLE AS & WEDGE)						

M- METRIC PART
Y- SEPARATE ILLUSTRATION

OPERATOR STATION

156-8951 PANEL GP - INSTRUMENT (contd.)

i01893855



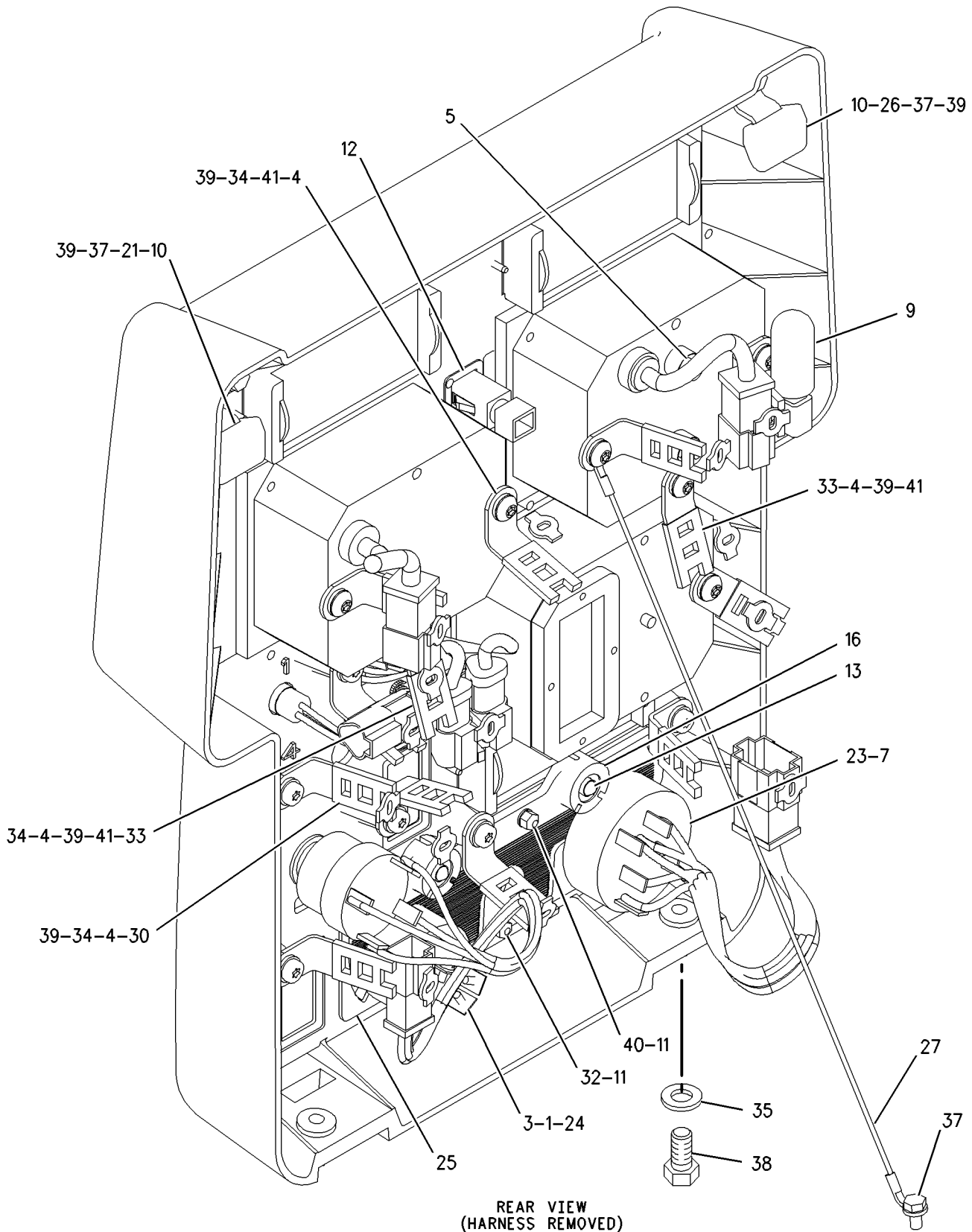
GRAPHIC #1

g00930027

OPERATOR STATION

156-8951 PANEL GP - INSTRUMENT (contd.)

i01893855



GRAPHIC #2

<END>

g00910000

OPERATOR STATION

165-2790 PANEL GP - INSTRUMENT-OPEN ROPS

S/N: CCK1-UP

PART OF 218-3064 PLATFORM GP
AN ATTACHMENT

SMCS-7450, 7451

i01893857

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	3E-0109	1	PLUG-ROCKER SWITCH						
M		2	8T-2659	2	LOCKNUT (M4X0.7 THD)						
		3	7K-1181	13	STRAP-CABLE						
		4	7N-5876	2	LAMP (24 VOLT) (QUAD GAUGE)						
J		5	7X-7465	1	LOCK AS-CYLINDER						
		6	083-9527	1	SPACER (13X20X1.5MM THK)						
		7	110-6109	1	KNOB-CONTROL (LIGHTS)						
		8	116-6203	1	RESISTOR AS						
			3E-3365	1	WEDGE-RECEPTACLE LOCK (2 PIN)						
			186-3735	2	PIN-CONNECTOR						
		9	116-7964	2	MOUNT						
		10	122-7127	8	NUT						
		11	123-0304	1	INDICATOR AS (ACTION LAMP)						
			115-1748	1	LAMP (24 VOLT) (ACTION LAMP)						
			123-0306	1	SOCKET AS						
		12	123-9294	2	LAMP (24 VOLT) (INSTRUMENT LIGHTS)						
		13	133-9405	1	SWITCH AS-PUSH BUTTON (AUTO SHIFT)						
			3E-3371		WEDGE-RECEPTACLE LOCK (3 PIN)						
			3K-0835	1	NUT (5/8-24 THD)						
			6F-0253	1	LOCKWASHER						
			186-3735	3	PIN-CONNECTOR						
			102-8803	1	KIT-RECEPTACLE (3 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
Y	14	1	154-7443	1	CONTROL GP-MONITOR (CATERPILLAR MONITORING SYSTEM)						130
	15	1	159-9257	1	LIGHT-DASH PANEL						
	16	1	213-2980	1	HARNESS AS (INSTRUMENT PANEL)						
			102-8802	1	KIT-RECEPTACLE (2 PIN)						
			102-8806	1	KIT-RECEPTACLE (8 PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
			155-2255	2	KIT-CONNECTING PLUG (12 PIN)						
			155-2265	3	KIT-CONNECTING PLUG (8 PIN)						
			155-2260	4	KIT-CONNECTING PLUG (3 PIN)						
			155-2270	2	KIT-CONNECTING PLUG (2 PIN)						
			155-2271	1	KIT-CONNECTING PLUG (4 PIN)						
			155-2274	3	KIT-CONNECTING PLUG (6 PIN)						
					(EACH INCLUDES PLUG AS & WEDGE)						
	17	1	165-4149	1	PANEL AS-INSTRUMENT						
	18	1	165-4150	1	FILM-PANEL (DASH)						
	19	1	222-9887	1	GUARD						
Y	20	1	166-6928	1	MODULE GP-QUAD GAUGE						491
	21	1	172-8212	1	BRACKET						
	22	1	213-5139	1	FILM (ACTION LIGHT) (MALFUNCTION)						
	23	1	175-3950	1	SWITCH AS (LAMP)						
			3E-3389	1	WEDGE-RECEPTACLE LOCK						
			9W-0852	7	PIN-CONNECTOR						
			102-8806	1	KIT-RECEPTACLE (8 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	24	1	175-6579	1	PLATE						
	25	1	175-6580	1	BRACKET						
	26	1	176-1485	1	CABLE						
	27	1	223-2455	1	MODULE GP-DISPLAY (LAMP & GEAR) (TRANSMISSION GEAR INDICATOR)						
			102-8805	1	KIT-RECEPTACLE (6 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						

OPERATOR STATION

165-2790 PANEL GP - INSTRUMENT (contd.)

i01893857

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
		1	186-3733	6	PIN-CONNECTOR						
M	28	1	123-4950	7	SCREW-PAN HEAD (M6X1X16MM)						
	29	1	142-8858	1	SWITCH AS-KEY START						
		1	167-1530	1	NUT						
M	30	1	153-9301	3	BOLT-SOCKET HEAD (M4X0.7X10MM)						
M	31	1	8T-0337	2	SCREW-MACHINE (M4X0.7X12MM)						
	32	1	4P-7581	3	CLIP (LADDER)						
	33	1	4P-8134	13	CLIP						
	34	1	5P-1075	2	WASHER-HARD (10.2X22.5X3MM THK)						
	35	1	201-0694	12	SCREW-FLAT HEAD						
M	36	1	8T-4171	5	BOLT (M6X1X12MM)						
M	37	1	8T-4189	2	BOLT (M8X1.25X20MM)						
	38	1	8T-4205	18	WASHER-HARD (7.2X14.5X2MM THK)						
	39	1	221-3700	5	BOLT-SOCKET HEAD (M4X0.7X16MM)						
M	40	1	9X-2042	7	SCREW-TRUSS HEAD (M6X1X12MM)						
	41	1	8E-7840	2	CLIP						
	42	1	133-9405	1	SWITCH AS-PUSH BUTTON (SCROLL)						
		1	3E-3371		WEDGE-RECEPTACLE LOCK (3 PIN)						
		1	3K-0835	1	NUT (5/8-24 THD)						
		1	6F-0253	1	LOCKWASHER						
		1	186-3735	3	PIN-CONNECTOR						
		1	102-8803	1	KIT-RECEPTACLE (3 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	43	1	133-9405	1	SWITCH AS-PUSH BUTTON (AUTO KICK DOWN)						
		1	3E-3371		WEDGE-RECEPTACLE LOCK (3 PIN)						
		1	3K-0835	1	NUT (5/8-24 THD)						
		1	6F-0253	1	LOCKWASHER						
		1	186-3735	3	PIN-CONNECTOR						
		1	102-8803	1	KIT-RECEPTACLE (3 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	44	1	102-8805	2	KIT-RECEPTACLE (6 PIN)						
					(EACH INCLUDES RECEPTACLE AS & WEDGE)						
	45	1	8T-8737	12	PLUG-SEAL						
	46	1	111-9251	1	WASHER-HARD (20X35X1.6MM THK)						
J - REQUIRES 5P8500 KEY M - METRIC PART Y - SEPARATE ILLUSTRATION											

OPERATOR STATION

218-3064 PLATFORM GP

S/N: CCK1-UP

PART OF 193-3812 CANOPY AR
AN ATTACHMENT

SMCS-7253, 7254

i01835619

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	193-5673	1	CONTROL GP - STEERING & TMSN						302
Y	165-2790	1	PANEL GP - INSTRUMENT						503
Y	218-4304	1	LINES GP - PILOT						374
Y	199-4801	1	PEDAL GP - GOVERNOR & BRAKE						314
Y	164-9140	1	PLATFORM GP - OPERATOR						507
Y	184-0870	1	PLUG AS (POWER TRAIN)						509
Y	171-9592	1	LINES GP - HEATER						487
Y	192-9082	1	WIRING GP - PLATFORM						187
	201-4931	1	PLUG AS						
	5P-5677	1	WIRE - ELECTRICAL (18 GA)						
	186-3736	1	SOCKET - CONNECTOR						
	8T-8737	4	PLUG - SEAL						
BE	125-7874		TUBE - HEAT SHRINK						
	155-2259	1	WEDGE - PLUG LOCK (8 PIN)						
	155-2265	1	KIT - CONNECTING PLUG (8 PIN)						
			(INCLUDES PLUG AS & WEDGE)						

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

<END>

OPERATOR STATION

164-9140 PLATFORM GP-OPERATOR

S/N: CCK1-UP

PART OF 218-3064 PLATFORM GP
AN ATTACHMENT

SMCS-7253

i01895762

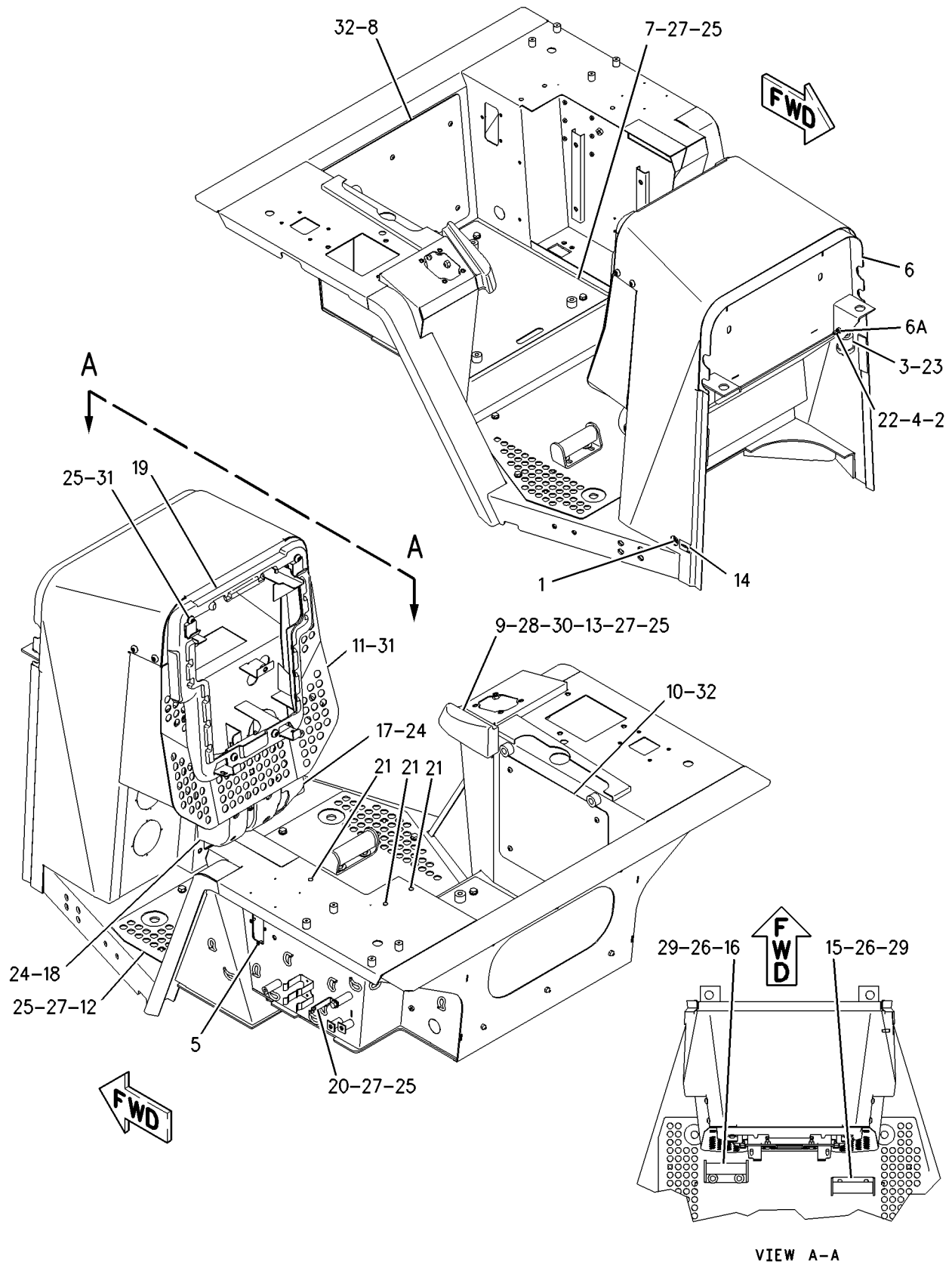
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3B-8489	1	FITTING-GREASE (1/8-27 THD) (OPERATOR PLATFORM)						
	2	1	5P-2948	1	CONNECTOR GP						
		1	4K-9821	1	SLEEVE						
		1	4K-9822	1	NUT (5/16-24 THD)						
	3	1	8N-2694	1	INDICATOR GP-AIR FILTER CHANGE						
BD	4	1	5P-5630		TUBE						
	5	1	132-5792	4	NUT						
	6	1	164-9150	1	PLATFORM AS						
	6A	1	3B-6487	1	COUPLING						
	7	1	169-9108	1	COVER AS						
		1	178-8844	4	SPACER (11X28X20MM THK)						
	8	1	178-9013	1	COVER						
	9	1	178-9016	1	PAD						
	10	1	180-1297	1	PLATE						
	11	1	180-5383	1	FOOTREST AS						
M		1	8T-3490	4	NUT-WELD (M10X1.5 THD)						
	12	1	184-3450	1	FLOORPLATE AS						
M		1	8T-3490	4	NUT-WELD (M10X1.5 THD)						
	13	1	198-9452	1	BRACKET						
	14	1	211-0238	1	FILM (LUBE POINT) (PLATFORM)						
	15	1	212-4021	1	SUPPORT AS (FOOT)						
	16	1	212-4022	1	SUPPORT AS (FOOT)						
	17	1	218-2798	1	COVER (PEDAL RH)						
	18	1	218-2799	1	COVER (PEDAL LH)						
	19	1	218-2801	1	SHROUD						
	20	1	224-2470	1	PLATE						
	21	1	224-2669	3	PLUG-PLASTIC						
	22	1	0A-2926	1	FITTING						
	23	1	3B-6552	1	ELBOW						
M	24	1	3E-8020	4	SCREW-TRUSS HEAD (M6X1X25MM)						
	25	1	8T-4121	19	WASHER-HARD (11X21X2.5MM THK)						
M	26	1	8T-4136	4	BOLT (M10X1.5X25MM)						
M	27	1	8T-4137	15	BOLT (M10X1.5X20MM)						
M	28	1	8T-4199	2	BOLT (M8X1.25X12MM)						
	29	1	8T-4222	4	WASHER-PLATED (11X32X2.5MM THK)						
	30	1	8T-4224	2	WASHER-HARD (8.8X16X2MM THK)						
M	31	1	9X-2040	12	SCREW-TRUSS HEAD (M10X1.5X25MM)						
M	32	1	9X-2044	10	SCREW-TRUSS HEAD (M6X1X16MM)						

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

OPERATOR STATION

164-9140 PLATFORM GP-OPERATOR (contd.)

i01895762



GRAPHIC #1

<END>

g00932481

OPERATOR STATION

184-0870 PLUG AS-POWER TRAIN

S/N: CCK1-UP

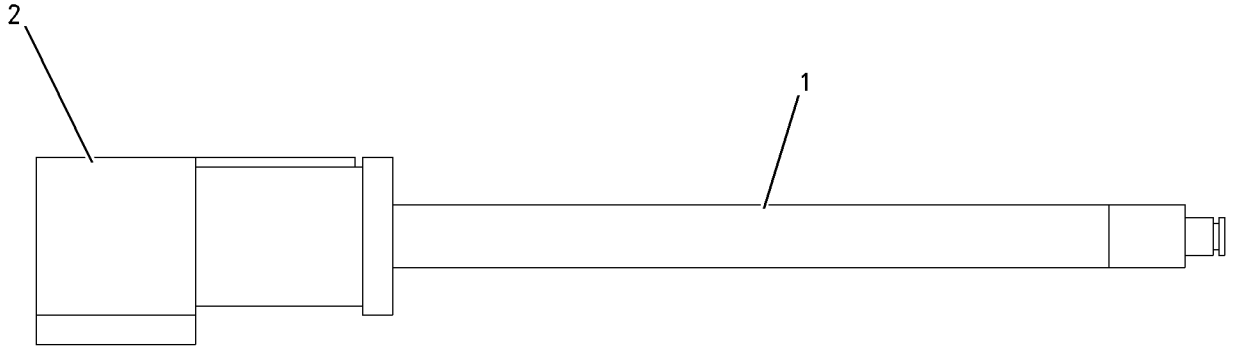
PART OF 217-3819 CAB GP, 218-3064 PLATFORM GP
ALSO AN ATTACHMENT

SMCS-1408

i01885443

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
BD	1	1	5P-5677		WIRE-ELECTRICAL (18 GA)						
BE		1	119-3662		TUBE-HEAT SHRINK						
	2	1	102-8805	1	KIT-RECEPTACLE (6 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	3E-3383	1	WEDGE-RECEPTACLE LOCK						
		1	8T-8737	2	PLUG-SEAL						
		1	9X-3401	4	PIN-CONNECTOR						
					(FOR 16-18 GA WIRE)						
					-OR-						
		1	126-1767	4	PIN-CONNECTOR						
					(FOR 14 GA WIRE)						

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



GRAPHIC #1

<END>

g00726927

OPERATOR STATION

163-0152 PRESSURIZER GP-CAB

S/N: CCK1-UP

PART OF 156-8911 CAB GP

SMCS-7311

i01880229

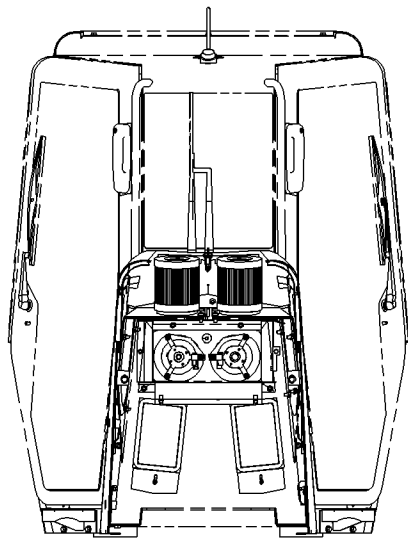
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3B-8489	1	FITTING-GREASE (CAB PRESSURIZER)						
	2	1	3E-7904	2	FILTER AS (CAB AIR)						
	3	1	3W-6756	2	KNOB (FILTER COVER)						
	4	1	7G-8116	2	FILTER AS (CAB PRESSURIZER)						
					(EACH INCLUDES)						
		1	141-7903	1	FILTER-CHARCOAL (CAB PRESSURIZER)						
	5	1	117-9988	1	PANEL						
	6	1	194-0675	2	PLATE						
Y	7	1	198-7281	1	BLOWER GP-CAB						446
	8	1	209-2928	1	COVER AS (LH)						
	9	1	209-2929	1	COVER AS (RH)						
	10	1	220-0122	1	LATCH AS						
	11	1	229-2604	2	ROD AS						
					(EACH INCLUDES)						
		1	5B-3254	1	NUT-JAM (7/16-20 THD)						
	12	1	229-2605	1	PLATE AS						
	13	1	229-2606	1	PLATE AS						
	14	1	7X-7729	18	WASHER (11X25X3MM THK)						
M	15	1	8T-4136	18	BOLT (M10X1.5X25MM)						
M	16	1	9X-2040	12	SCREW-TRUSS HEAD (M10X1.5X25MM)						
BD	17	1	5P-5755		SEAL (BULK)						
BD	18	1	5P-5926		SEAL (BULK)						
BE	19	1	201-4066		SEAL (BULK)						
BD	20	1	5P-5639		SEAL (BULK)						
BD	21	1	3E-6573		SEAL (BULK)						
BE	22	1	140-1320		SEAL (40CM)						

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

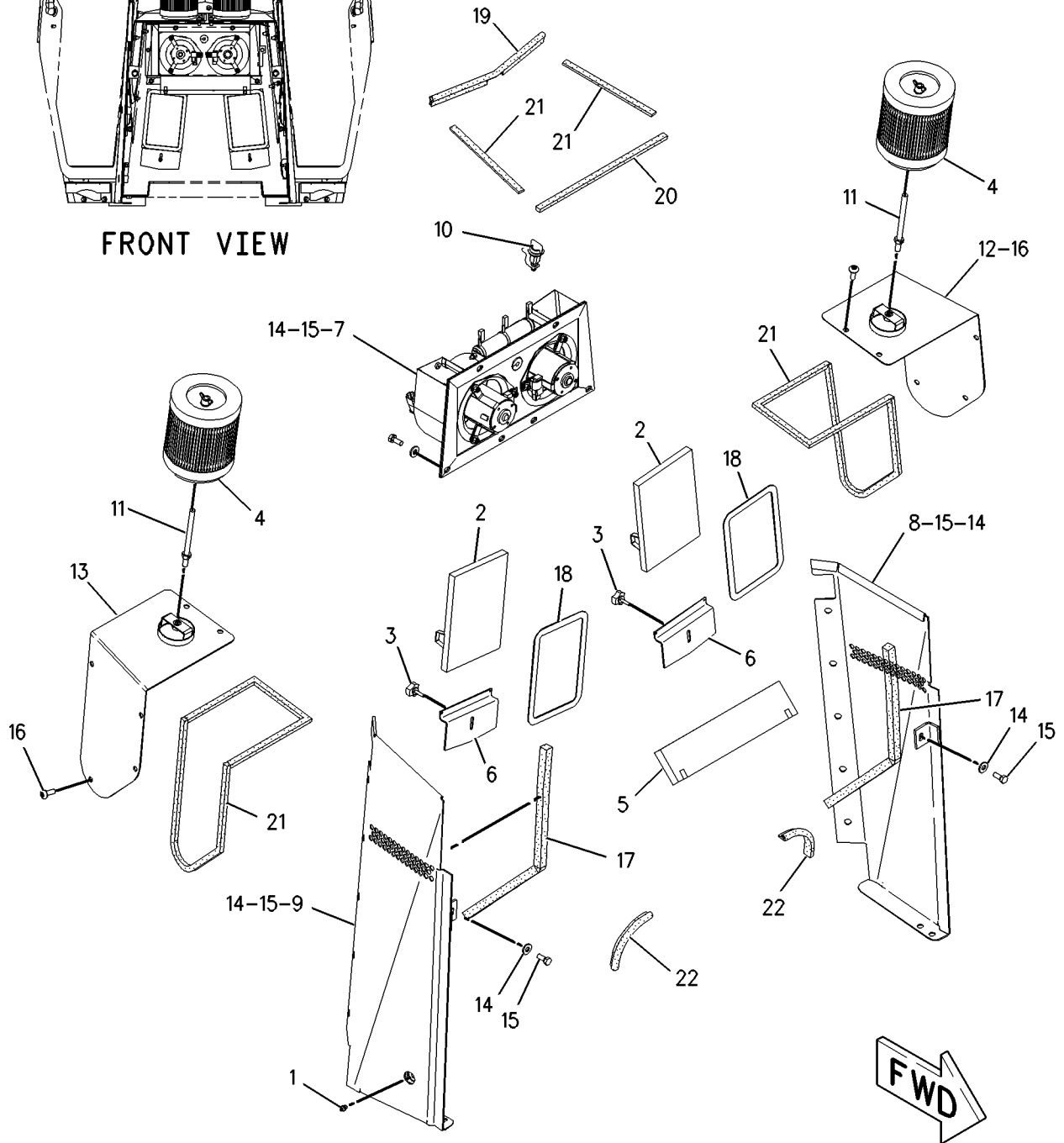
OPERATOR STATION

163-0152 PRESSURIZER GP-CAB (contd.)

i01880229



FRONT VIEW



GRAPHIC #1

<END>

g00970541

OPERATOR STATION

173-6530 RADIO GP-AM/FM

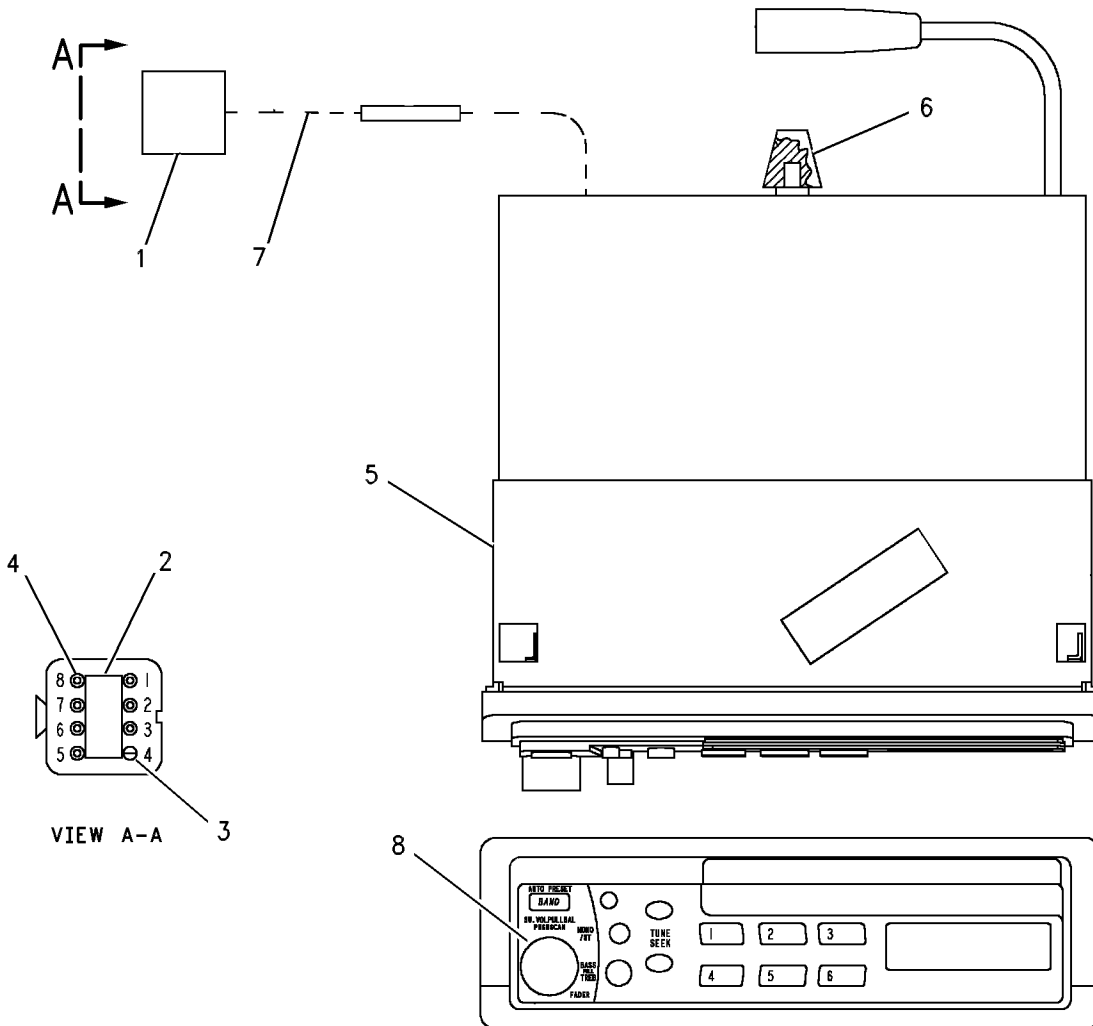
S/N: CCK1-UP

AN ATTACHMENT

SMCS-7338

i01883801

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	102-8806	1	KIT-RECEPTACLE (8 PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
	2	1	3E-3389	1	WEDGE-RECEPTACLE LOCK						
	3	1	8T-8737	1	PLUG-SEAL						
	4	1	186-3735	7	PIN-CONNECTOR						
	5	1	192-7054	1	SLEEVE						
	6	1	137-8165	1	BUMPER						
	7	1	186-2741	1	HARNESS AS-RADIO (SPEAKER)						
		1	102-8806	1	KIT-RECEPTACLE (8 PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
	8	1	175-3678	1	KIT-KNOB (RADIO) (INCLUDES KNOBS: FADER, TONE, VOLUME/SW)						



GRAPHIC #1

<END>

g00623314

OPERATOR STATION

173-6532 RADIO GP-AM/FM CASSETTE

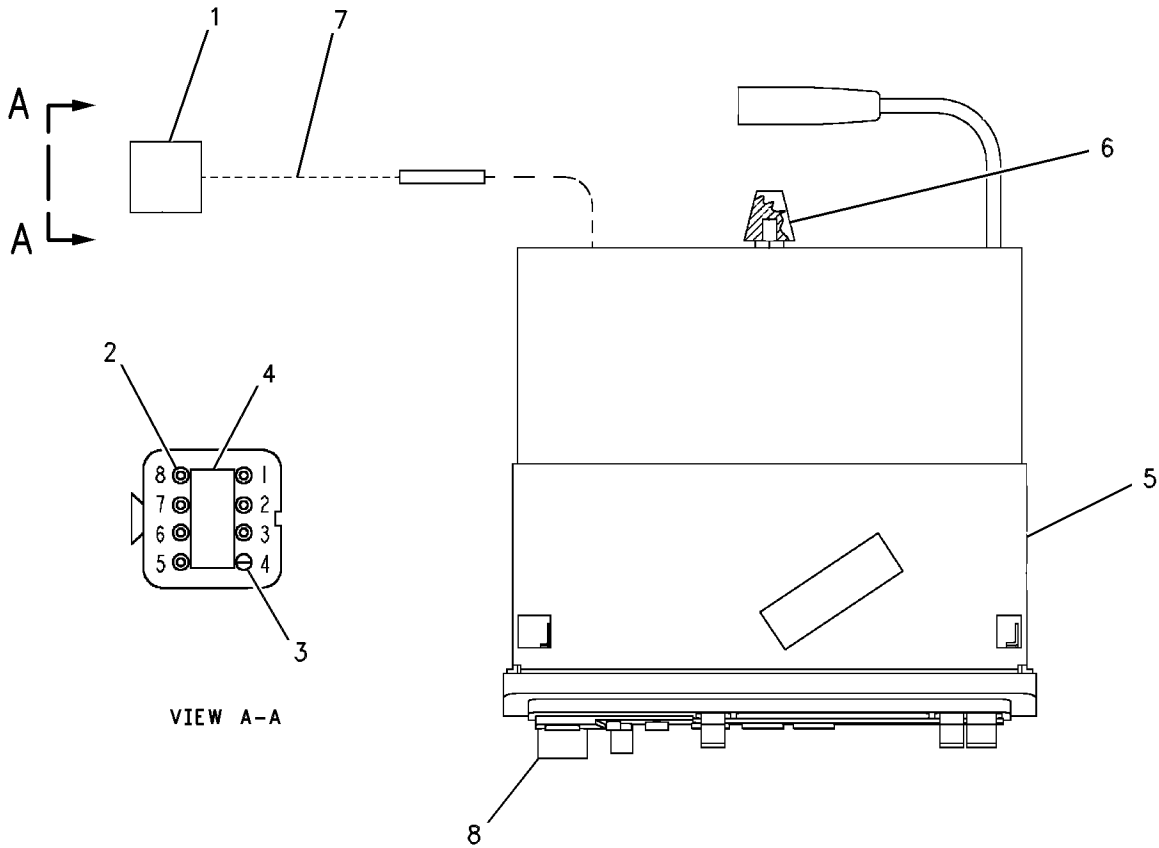
S/N: CCK1-UP

AN ATTACHMENT

SMCS-7338

i01871001

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	102-8806	1	KIT-RECEPTACLE (8 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	2	1	8T-8729	7	PIN-CONNECTOR						
	3	1	8T-8737	1	PLUG-SEAL						
	4	1	3E-3389	1	WEDGE-RECEPTACLE LOCK						
	5	1	192-7054	1	SLEEVE						
	6	1	137-8165	1	BUMPER						
	7	1	186-2741	1	HARNESS AS-RADIO (SPEAKER)						
	8	1	175-3678	1	KIT-KNOB (RADIO)						
					(INCLUDES KNOBS: FADER, TONE, VOLUME/SW)						



GRAPHIC #1

<END>

g00618667

OPERATOR STATION

177-4935 RECLINER GP-SEAT

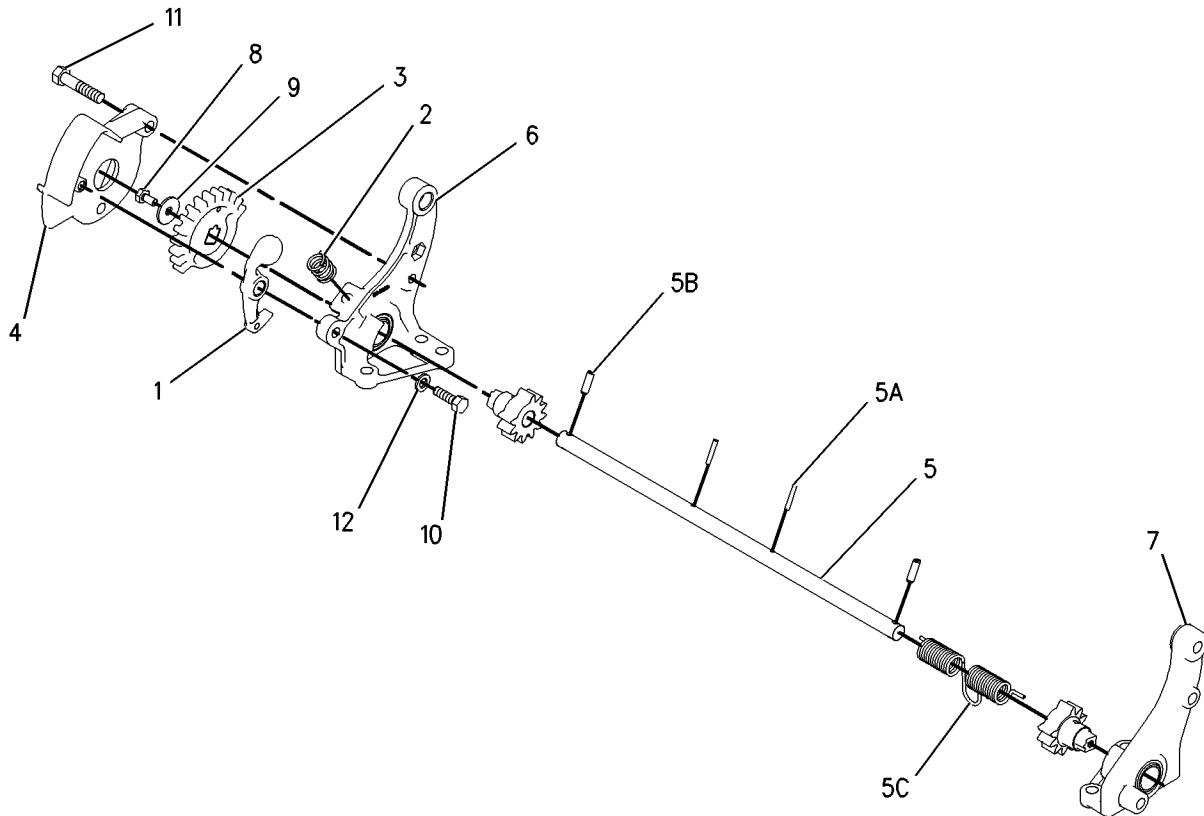
S/N: CCK1-UP

PART OF 178-0603, 180-7304 SEAT GP
AN ATTACHMENT

SMCS-7312

i01809930

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	217-7933	1	LATCH						
	2	1	164-4146	1	SPRING						
	3	1	177-1860	1	GEAR (14 TEETH) (LOCK)						
	4	1	177-1862	1	BRACKET						
	5	1	178-0607	1	SHAFT AS						
	5A	1	2K-9111	2	PIN-SPRING						
	5B	1	9M-6803	2	DOWEL						
	5C	1	170-8590	1	SPRING						
	6	1	178-0608	1	BRACKET AS						
	7	1	178-0609	1	BRACKET AS						
	8	1	031-0214	1	BOLT-LOCKING (1/4-20X0.5 IN)						
	9	1	101-2867	1	WASHER-HARD (7.2X25X2MM THK)						
	10	1	4M-6425	1	BOLT (5/16-18X1 IN)						
	11	1	5S-7383	1	BOLT (3/8-16X1.75 IN)						
	12	1	8T-4224	1	WASHER-HARD (8.8X16X2MM THK)						



GRAPHIC #1

<END>

g00673022

OPERATOR STATION

167-1457 ROPS GP-ENCLOSED

S/N: CCK1-UP

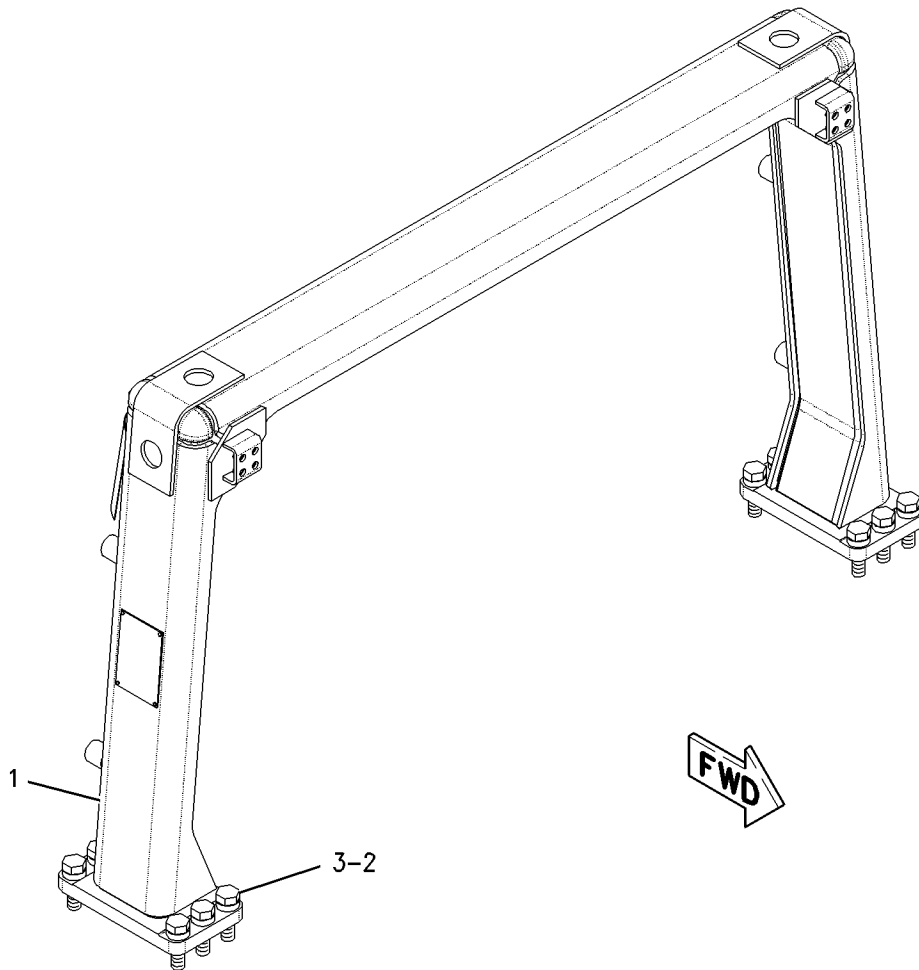
PART OF 191-4824 CAB AR

SMCS-7323, 7325

i01828737

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	171-9587	1	ROPS AS						
	2	1	145-4115	12	SPACER (26X40X12MM THK)						
M	3	1	8T-5878	12	BOLT (M24X3X80MM)						

M-METRIC PART



GRAPHIC #1

<END>

g00776342

OPERATOR STATION

167-1460 ROPS GP-OPEN

S/N: CCK1-UP

PART OF 193-3812 CANOPY AR
AN ATTACHMENT

SMCS-7323, 7325

i01893864

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1P-2772	4	SPACER (26X31X19MM THK)						
	2	1	3S-2093	15	STRAP-CABLE						
	3	1	5P-6874	1	MIRROR						
	4	1	8C-5607	8	MOUNT (ISOLATION)						
	5	1	8C-5608	4	SPACER (6.5X9.5X25.4MM THK)						
M	6	1	8T-4220	1	BOLT-SQUARE NECK						
	7	1	211-1913	1	FOAM						
	8	1	211-2354	1	BRACKET						
	9	1	9S-5187	2	MOUNTING						
	10	1	114-3907	1	STABILIZER AS						
	11	1	114-6407	1	STABILIZER AS						
	12	1	220-0230	1	WARNING GP-BACKUP (ROPS)						
		1	102-8802	1	KIT-RECEPTACLE (2 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		1	3E-3365	1	WEDGE-RECEPTACLE LOCK (2 PIN)						
		1	5P-5623	1	WIRE (16 GA)						
		1	186-3735	2	PIN-CONNECTOR						
BE		1	9X-1813		SLEEVE						
	13	1	145-4115	12	SPACER (26X40X12MM THK)						
	14	1	160-9147	1	HARNESS AS (BACKUP ALARM)						
		1	102-8802	5	KIT-RECEPTACLE (2 PIN)						
		1	102-8805	1	KIT-RECEPTACLE (6 PIN)						
		1	102-8806	1	KIT-RECEPTACLE (8 PIN)						
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2270	6	KIT-CONNECTING PLUG (2 PIN)						
		1	155-2274	1	KIT-CONNECTING PLUG (6 PIN)						
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
	15	1	9X-6165	4	WASHER (6.5X22X2.5MM THK)						
	16	1	173-6809	1	ROPS AS						
	17	1	175-7651	1	HEADLINER						
	18	1	211-0895	2	PLATE						
	19	1	184-3451	1	STEP AS						
M		1	8T-3597	2	NUT-WELD (M12X1.75 THD)						
	20	1	184-3452	1	STEP AS						
M		1	8T-3597	2	NUT-WELD (M12X1.75 THD)						
	21	1	197-3522	1	COVER AS						
M		1	8T-3490	2	NUT-WELD (M10X1.5 THD)						
	22	1	197-6050	14	WASHER						
	23	1	197-6051	14	BUTTON						
	24	1	5P-8439	4	GROMMET						
	25	1	6K-3632	2	LOCKNUT (1-8 THD)						
M	26	1	8C-8451	4	BOLT (M6X1X40MM)						
	27	1	8C-8843	2	BOLT (1-8X4.5 IN)						
	28	1	8P-5244	4	WASHER (33.3X69.8X6.35MM THK)						
	29	1	8T-4121	13	WASHER-HARD (11X21X2.5MM THK)						
M	30	1	8T-4137	11	BOLT (M10X1.5X20MM)						
M	31	1	8T-4139	4	BOLT (M12X1.75X30MM)						
	32	1	8T-4161	1	KNOB						
M	33	1	8T-4194	8	BOLT (M12X1.75X50MM)						
M	34	1	8T-4198	2	BOLT (M10X1.5X100MM)						
	35	1	8T-4223	12	WASHER-HARD (13.5X25.5X3MM THK)						
M	36	1	8T-5878	12	BOLT (M24X3X80MM)						
	37	1	1V-6688	1	GROMMET						

OPERATOR STATION

167-1460 ROPS GP (contd.)

i01893864

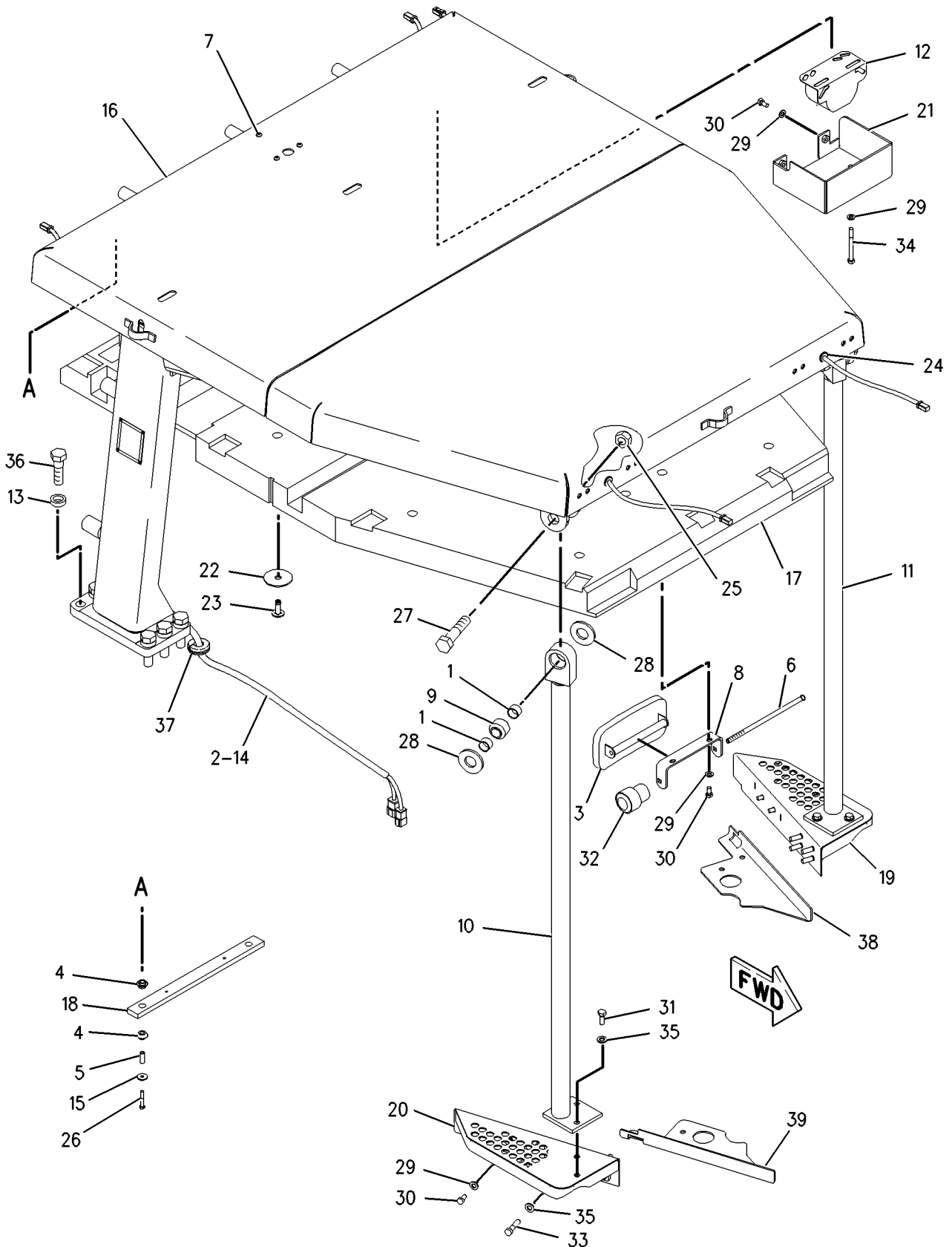
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	38	1	227-4469	1	CORNER (LH)	
	39	1	227-4468	1	CORNER (RH)	

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

OPERATOR STATION

167-1460 ROPS GP (contd.)

i01893864



GRAPHIC #1

<END>

g00918159

OPERATOR STATION

167-1466 SCREEN GP-PROTECTION-CAB

S/N: CCK1-UP

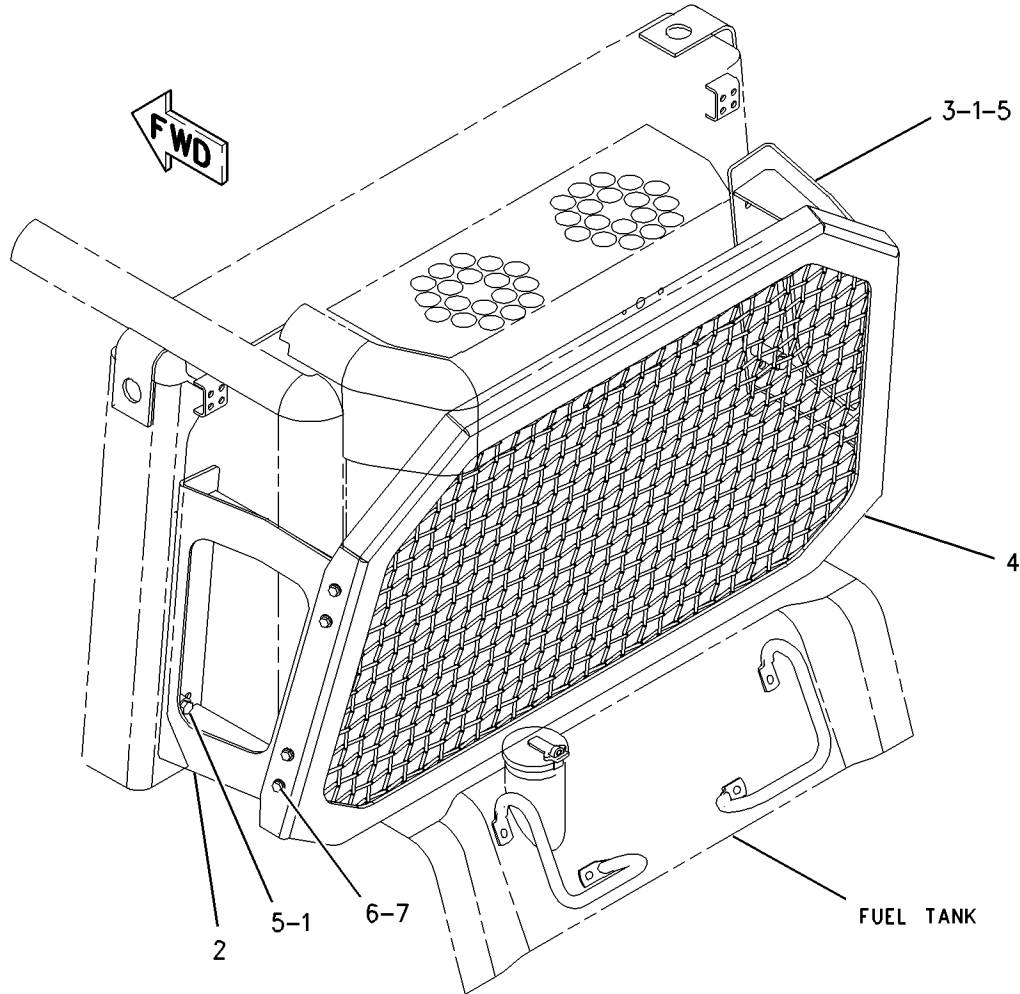
FOR USE WITH 191-4824-PAGE 448. CANNOT BE USED WITH 193-3812-PAGE 454
AN ATTACHMENT

SMCS-7165

i01830557

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8G-5258	4	SPACER (17X35X20MM THK)						
	2	1	195-8421	1	BRACKET AS (LH)						
	3	1	195-8422	1	BRACKET AS (RH)						
					(EACH BRACKET AS INCLUDES)						
M		1	8T-3597	4	NUT-WELD (M12X1.75 THD)						
	4	1	195-8430	1	SCREEN AS						
M	5	1	118-4977	4	BOLT (M16X2X65MM)						
M	6	1	8T-4139	8	BOLT (M12X1.75X30MM)						
	7	1	8T-4223	8	WASHER-HARD (13.5X25.5X3MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g00776698

OPERATOR STATION

175-7225 SCREEN GP-PROTECTION-OPEN ROPS

S/N: CCK1-UP

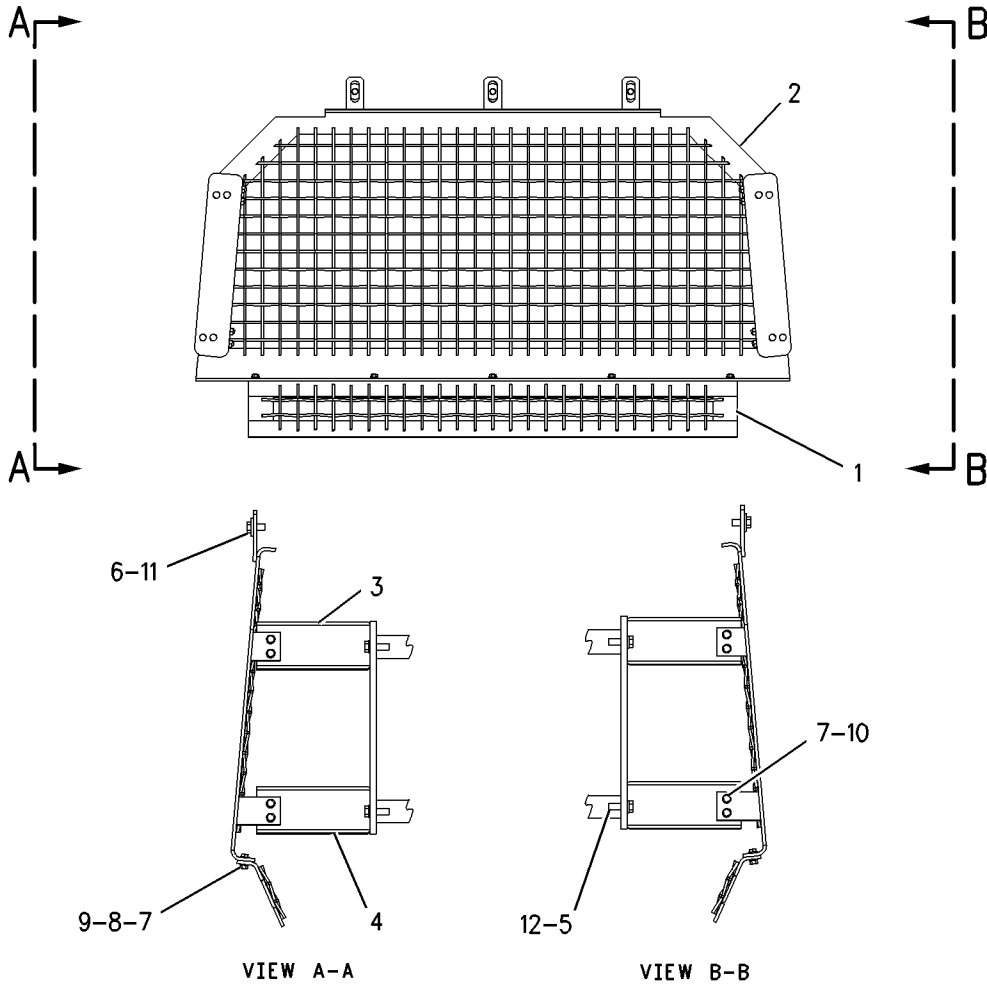
FOR USE WITH 193-3812-PAGE 454. CANNOT BE USED WITH 191-4824-PAGE 448
AN ATTACHMENT

SMCS-7165

i01830652

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	199-2998	1	SCREEN AS						
	2	1	175-7223	1	SCREEN AS						
	3	1	175-7227	1	CHANNEL AS						
M		1	8T-3490	4	NUT-WELD (M10X1.5 THD)						
	4	1	176-7453	1	CHANNEL AS						
M		1	8T-3490	4	NUT-WELD (M10X1.5 THD)						
M	5	1	6V-5686	4	BOLT (M16X2X50MM)						
	6	1	7X-0583	3	WASHER-HARD (17X45X6MM THK)						
	7	1	8T-4121	18	WASHER-HARD (11X21X2.5MM THK)						
M	8	1	8T-4133	5	NUT (M10X1.5 THD)						
M	9	1	8T-4195	5	BOLT (M10X1.5X30MM)						
M	10	1	8T-4196	8	BOLT (M10X1.5X35MM)						
M	11	1	8T-4779	3	BOLT (M16X2X35MM)						
	12	1	9X-8268	4	WASHER (17.5X30X3.5MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g00671510

OPERATOR STATION

173-6772 SCREEN GP-SUN

S/N: CCK1-UP

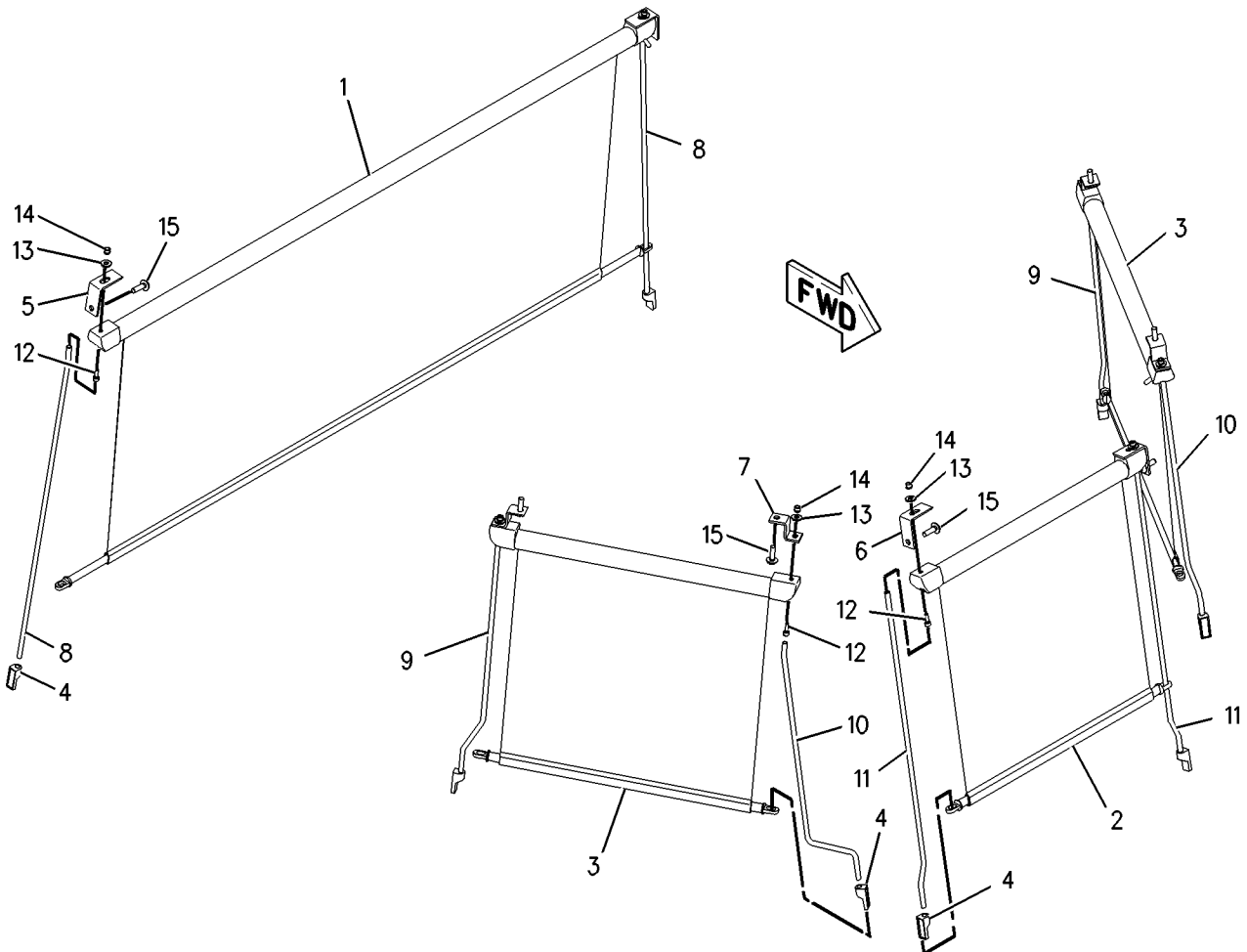
FOR USE WITH 191-4824-PAGE 448, . CANNOT BE USED WITH 193-3812-PAGE 454,
AN ATTACHMENT

SMCS-7165

i01830628

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	228-9379	1	VISOR AS						
	2	1	228-9380	1	VISOR AS						
	3	1	228-9381	2	VISOR AS						
	4	1	228-9382	8	ROD END						
	5	1	229-3336	2	BRACKET						
	6	1	229-3337	2	BRACKET						
	7	1	229-3338	4	BRACKET						
	8	1	229-3339	2	ROD						
	9	1	229-3340	2	ROD						
	10	1	229-3341	2	ROD						
	11	1	229-3342	2	ROD						
M	12	1	107-3786	8	BOLT (M4X.7X12MM)						
	13	1	7X-0620	8	WASHER-HARD (5.5X13X1.6MM THK)						
M	14	1	8T-2659	8	LOCKNUT (M4X0.7 THD)						
M	15	1	9X-2045	7	SCREW-TRUSS HEAD (M6X1X20MM)						

M-METRIC PART



GRAPHIC #1

<END>

g00931824

OPERATOR STATION

178-0603 SEAT GP

S/N: CCK1-UP

PART OF 178-0606 SEAT GP
AN ATTACHMENT

SMCS-7312

i01852208

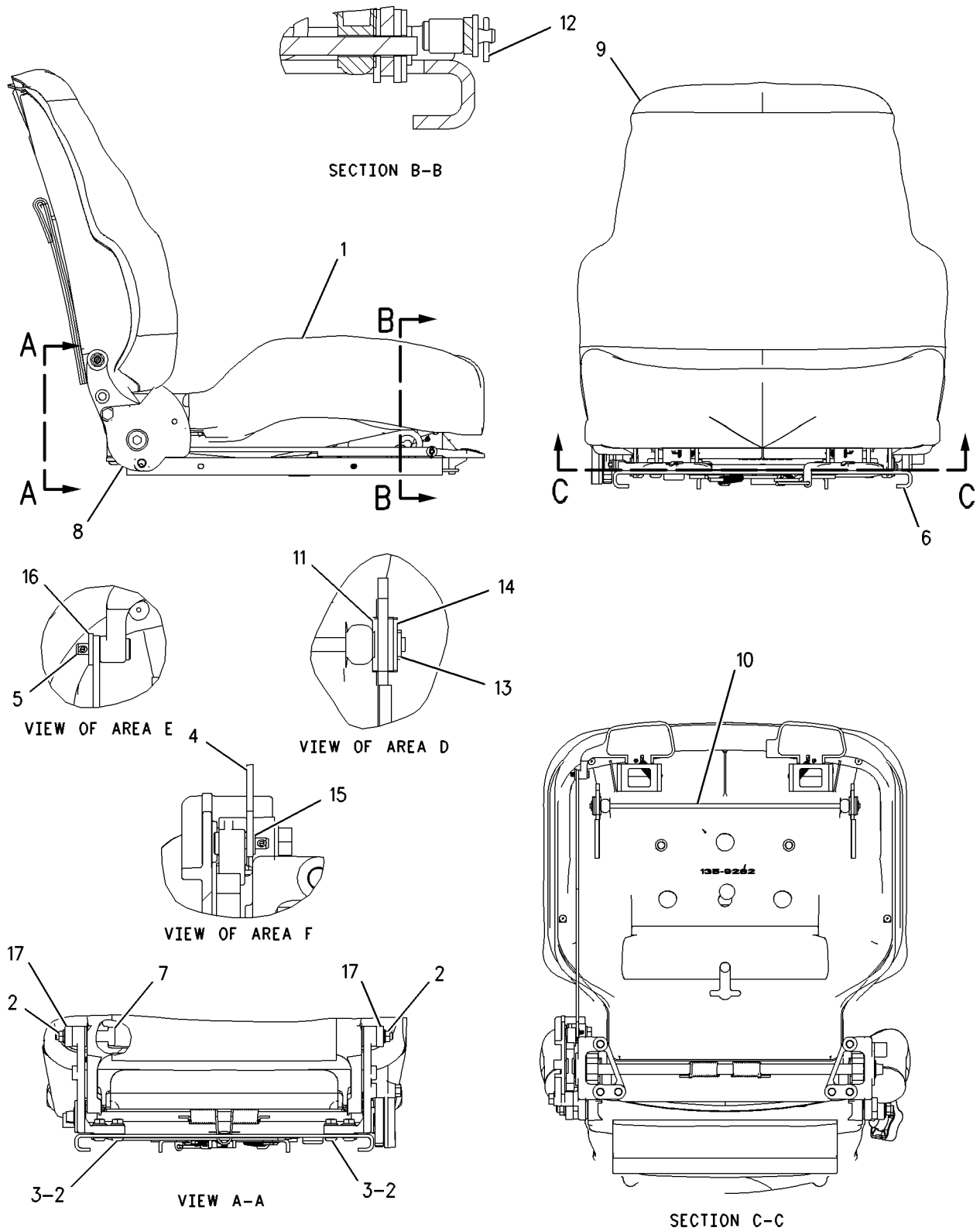
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	135-5499	1	PAN AS						
		1	8T-9082	5	RIVET-POP						
		1	117-4506	1	CUSHION AS						
	2	1	143-1288	8	LOCKNUT-FLANGE (3/8-16 THD)						
	3	1	171-1230	6	SCREW-BUTTON HEAD (3/8-16X1 IN)						
	4	1	171-6682	1	BAR-RECLINER						
	5	1	172-2416	2	PIN						
Y	6	1	173-1028	1	ADJUSTER GP-SEAT						443
	7	1	177-1863	2	BOLT-PIVOT (3/8-16X2.89 IN)						
Y	8	1	177-4935	1	RECLINER GP-SEAT						514
Y	9	1	178-0604	1	PAN GP-BACKREST						496
	10	1	184-2298	1	ROD						
	11	1	184-2299	4	WASHER (7X25.4X2.54MM THK)						
	12	1	095-0843	2	PIN-COTTER						
	13	1	5V-1496	2	RETAINER						
	14	1	6V-7646	2	WASHER-HARD (7.2X25X2MM THK)						
	15	1	8T-0328	1	WASHER-HARD (5.5X10X1MM THK)						
	16	1	8T-4205	1	WASHER-HARD (7.2X14.5X2MM THK)						
	17	1	8Y-6277	2	SPACER (10.5X28.6X10MM THK)						

Y-SEPARATE ILLUSTRATION

OPERATOR STATION

178-0603 SEAT GP (contd.)

i01852208



GRAPHIC #1

<END>

g00729407

OPERATOR STATION

178-0606 SEAT GP

S/N: CCK1-UP

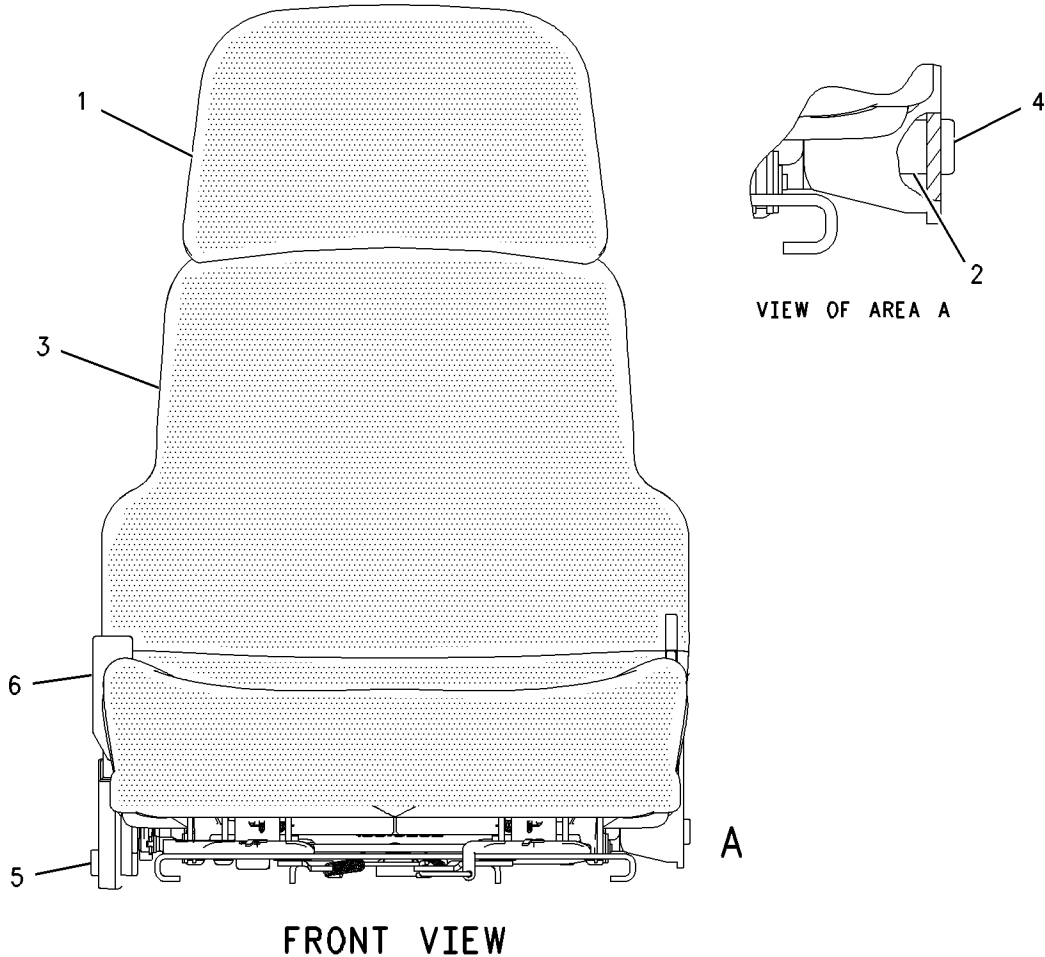
PART OF 160-7186, 200-3174 SEAT GP-SUSPENSION
AN ATTACHMENT

SMCS-7312

i01883810

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	173-3082	1	EXTENSION GP-BACKREST (FABRIC)						
	2	1	177-4937	1	SPACER (11.7X19.8X20.3MM THK)						
Y	3	1	178-0603	1	SEAT GP (CLOTH)						522
	4	1	180-5559	1	SCREW-PAN HEAD (7/16-20X1.75 IN)						
	5	1	180-5560	1	SCREW-PAN HEAD (7/16-20X1.25 IN)						
	6	1	183-3648	1	SEAT BELT GP (SUSPENSION SEAT)						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00773865

OPERATOR STATION

180-7304 SEAT GP

S/N: CCK1-UP

PART OF 184-6011 SEAT GP
AN ATTACHMENT

SMCS-7312

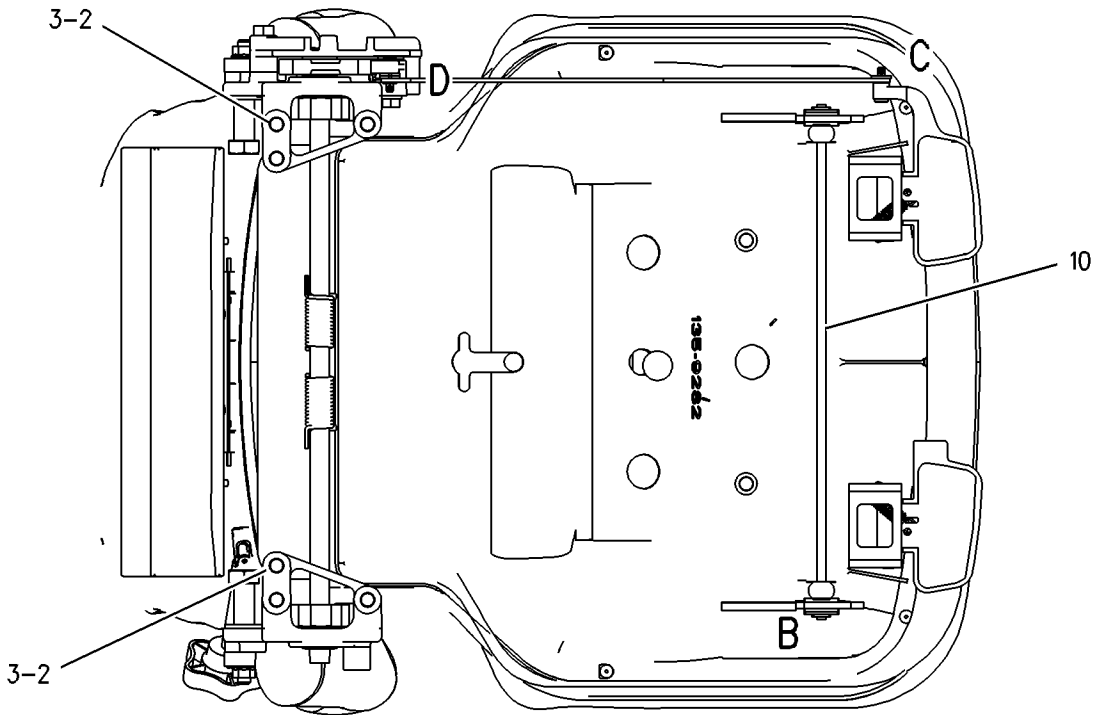
i01883816

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6K-3273	5	RIVET-POP						
		1	169-1026	1	CUSHION AS						
	2	1	143-1288	8	LOCKNUT-FLANGE (3/8-16 THD)						
	3	1	171-1230	6	SCREW-BUTTON HEAD (3/8-16X1 IN)						
	4	1	171-6682	1	BAR-RECLINER						
	5	1	172-2416	2	PIN						
Y	6	1	173-1028	1	ADJUSTER GP-SEAT						443
	7	1	177-1863	2	BOLT-PIVOT (3/8-16X2.89 IN)						
Y	8	1	177-4935	1	RECLINER GP-SEAT						514
Y	9	1	180-7305	1	PAN GP-BACKREST						498
	10	1	184-2298	1	ROD						
	11	1	184-2299	4	WASHER (7X25.4X2.54MM THK)						
	12	1	095-0843	2	PIN-COTTER						
	13	1	8Y-6277	2	SPACER (10.5X28.6X10MM THK)						
	14	1	5V-1496	2	RETAINER						
	15	1	6V-7646	2	WASHER-HARD (7.2X25X2MM THK)						
	16	1	8T-0328	1	WASHER-HARD (5.5X10X1MM THK)						
	17	1	8T-4205	1	WASHER-HARD (7.2X14.5X2MM THK)						
Y-SEPARATE ILLUSTRATION											

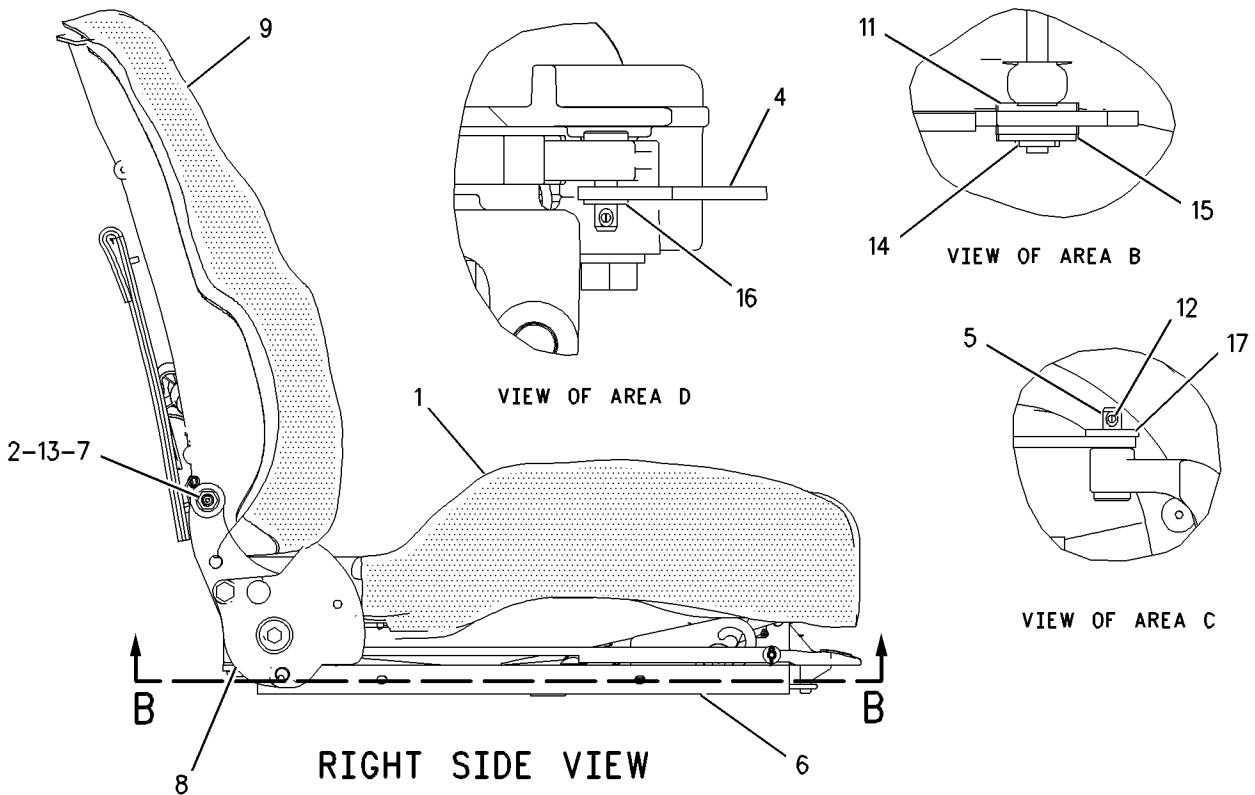
OPERATOR STATION

180-7304 SEAT GP (contd.)

i01883816



SECTION A-A



GRAPHIC #1

<END>

g00726860

OPERATOR STATION

184-6011 SEAT GP

S/N: CCK1-UP

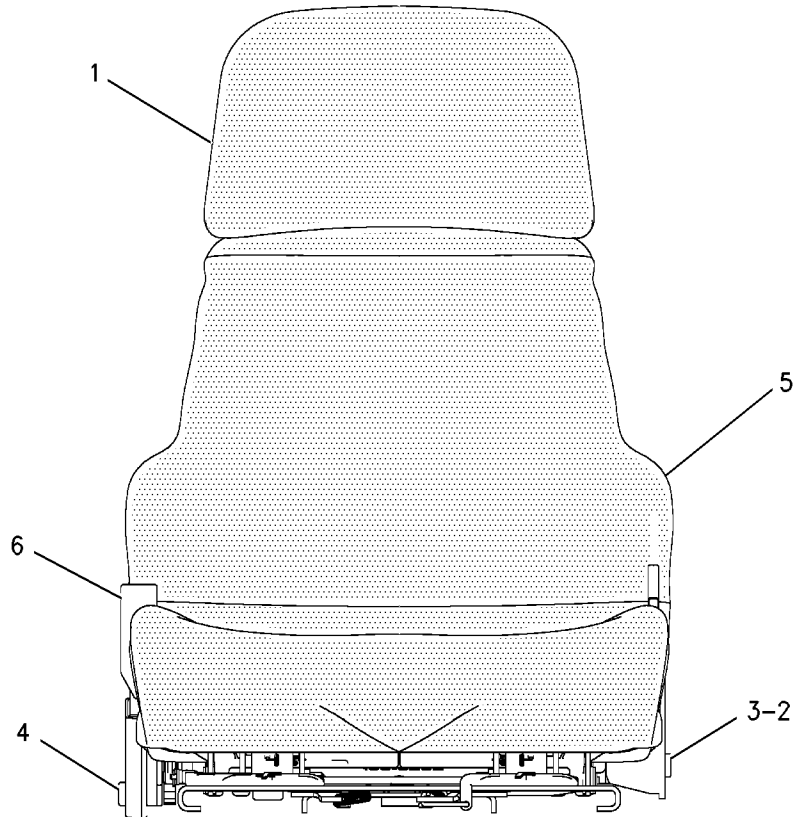
PART OF 159-2950 SEAT GP-SUSPENSION
AN ATTACHMENT

SMCS-7312

i01899322

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	173-3083	1	EXTENSION GP-BACKREST (SEAT)						
		1	117-4491	1	ROD						
	2	1	177-4937	1	SPACER (11.7X19.8X20.3MM THK)						
	3	1	205-6388	1	BOLT (7/16-20X44.45MM)						
	4	1	0T-0244	1	BOLT (7/16-20X1.25 IN)						
Y	5	1	180-7304	1	SEAT GP (VINYL)						525
	6	1	222-0345	1	SEAT BELT GP						

Y-SEPARATE ILLUSTRATION



FRONT VIEW

GRAPHIC #1

<END>

g00683843

OPERATOR STATION

6W-9744 SEAT GP-SUSPENSION

S/N: CCK1-UP

PART OF 227-7013 SEAT GP-SUSPENSION
AN ATTACHMENT

SMCS-7321, 7324, 7336

i01885531

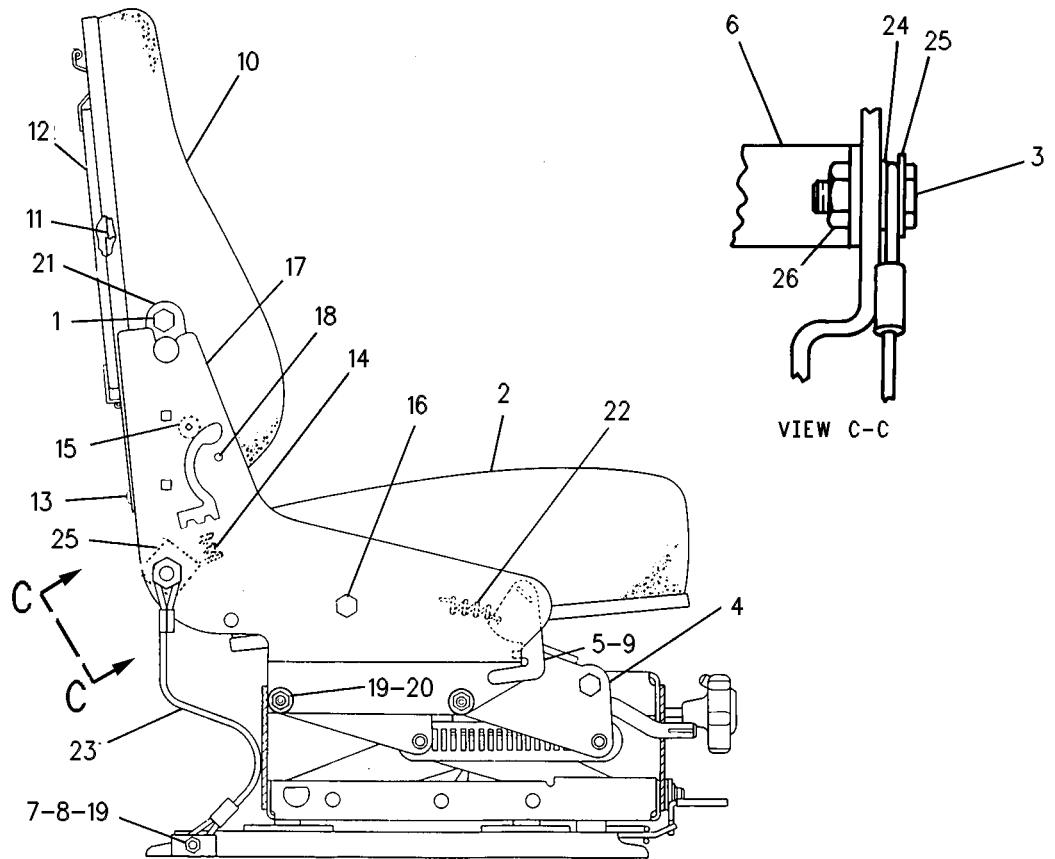
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5M-3062	2	BOLT (3/8-16X0.75 IN)						
	2	1	8R-2094	1	CUSHION AS-SEAT						
		1	5V-1499	2	NUT-CLINCH						
		1	5V-1719	2	SNAP						
		1	7K-6536	2	RIVET-POP						
		1	9S-0201	2	WASHER (13.5X22X2.5MM THK)						
		1	4V-8579	1	CLIP						
	3	1	4V-8034	2	BOLT (1/2-13X1.47 IN)						
Y	4	1	6W-8502	1	SUSPENSION GP-SEAT						536
	5	1	4V-8035	1	CAP						
	6	1	4V-8033	1	BAR						
	7	1	5S-7379	2	BOLT (3/8-16X0.875 IN)						
	8	1	4V-8605	2	SPACER						
	9	1	7V-3728	1	LATCH AS						
	10	1	8Y-4206	1	CUSHION AS-BACK						
		1	6K-3273	1	RIVET-POP						
		1	5P-7957	1	LANYARD						
		1	5V-1496	19	RETAINER						
		1	6K-3274	1	PLATE-RIVET						
BE		1	9X-2092		STRIP-EDGE						
D	11	1	6V-1584		SEAL (1.1 M)						
	12	1	8Y-4002	1	PAN AS						
	13	1	4V-8579	1	CLIP						
	14	1	4V-8031	2	SPRING						
	15	1	5V-1498	2	LOCKNUT						
		1	030-7571	2	BOLT (3/8-16X1 IN)						
	16	1	5P-2566	2	BOLT (1/2-13X1.5 IN)						
		1	4V-8586	2	SPACER (13.92X32.25X4.22MM THK)						
	17	1	4V-8029	1	BRACKET AS-RH						
		1	4V-8026	1	BRACKET AS-LH						
					(EACH INCLUDES)						
	18	1	101-2865	1	PIN						
	19	1	2K-4973	6	LOCKNUT (3/8-16 THD)						
	20	1	4B-4278	4	WASHER (10.2X20.5X1.6MM THK)						
	21	1	4V-7904	1	PLATE AS-RH						
		1	4V-7908	1	PLATE AS-LH						
	22	1	4V-8256	2	SPRING						
BE	23	1	4V-8032	2	CABLE						
	24	1	4B-4280	2	WASHER (13.5X27X2.5MM THK)						
	25	1	4B-4281	2	WASHER (16.8X33X2.5MM THK)						
	26	1	5V-1499	2	NUT-CLINCH						
AF		1	5P-7958	1	SLEEVE-CABLE SPLICE						

A- NOT PART OF THIS GROUP
 B- USE AS REQUIRED
 D- ORDER BY THE METER
 E- ORDER BY THE CENTIMETER
 F- NOT SHOWN
 Y- SEPARATE ILLUSTRATION

OPERATOR STATION

6W-9744 SEAT GP - SUSPENSION (contd.)

i01885531



GRAPHIC #1

<END>

g00106690

OPERATOR STATION

159-2950 SEAT GP-SUSPENSION

S/N: CCK1-UP

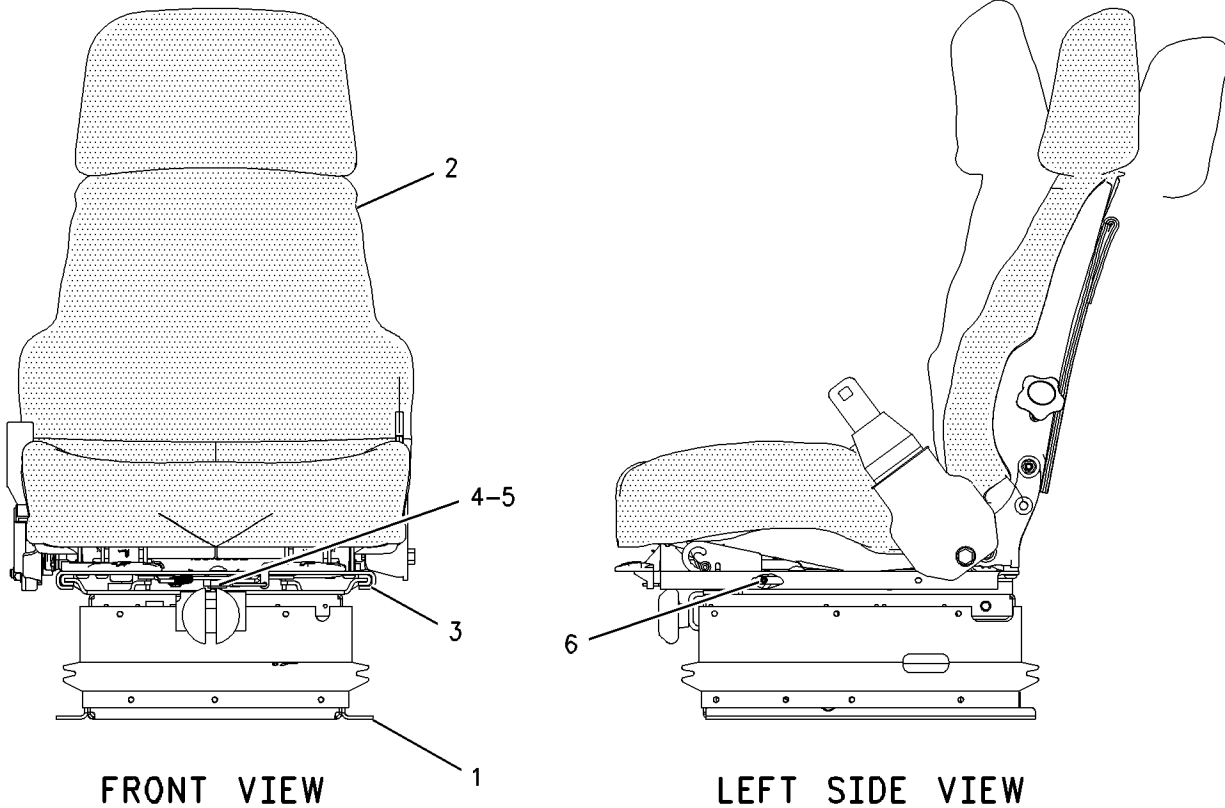
PART OF 227-7011 SEAT GP-SUSPENSION
AN ATTACHMENT

SMCS-7321, 7324, 7336

i01871053

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	160-7165	1	SUSPENSION GP-SEAT						539
Y	2	1	<i>184-6011</i>	1	SEAT GP						527
JZ	3	1		4	BLOCK-SLIDER						
	4	1	4F-4879	1	BOLT (3/8-16X.5 IN)						
	5	1	203-7703	2	WASHER-HARD (10.2X22.22X2.38MM THK)						
J	6	1	173-5787	4	SETSCREW (1/4-20 THD)						
AVAILABLE REPAIR KIT(S) :											
J			173-7035	1	KIT-SLIDER BLOCK (SUSPENSION SEAT)						

J-KIT MARKED J INCLUDES PART(S) MARKED J
Y- SEPARATE ILLUSTRATION
Z- NOT SERVICED SEPARATELY



GRAPHIC #1

<END>

g00819547

OPERATOR STATION

200-3174 SEAT GP-SUSPENSION

S/N: CCK1-UP

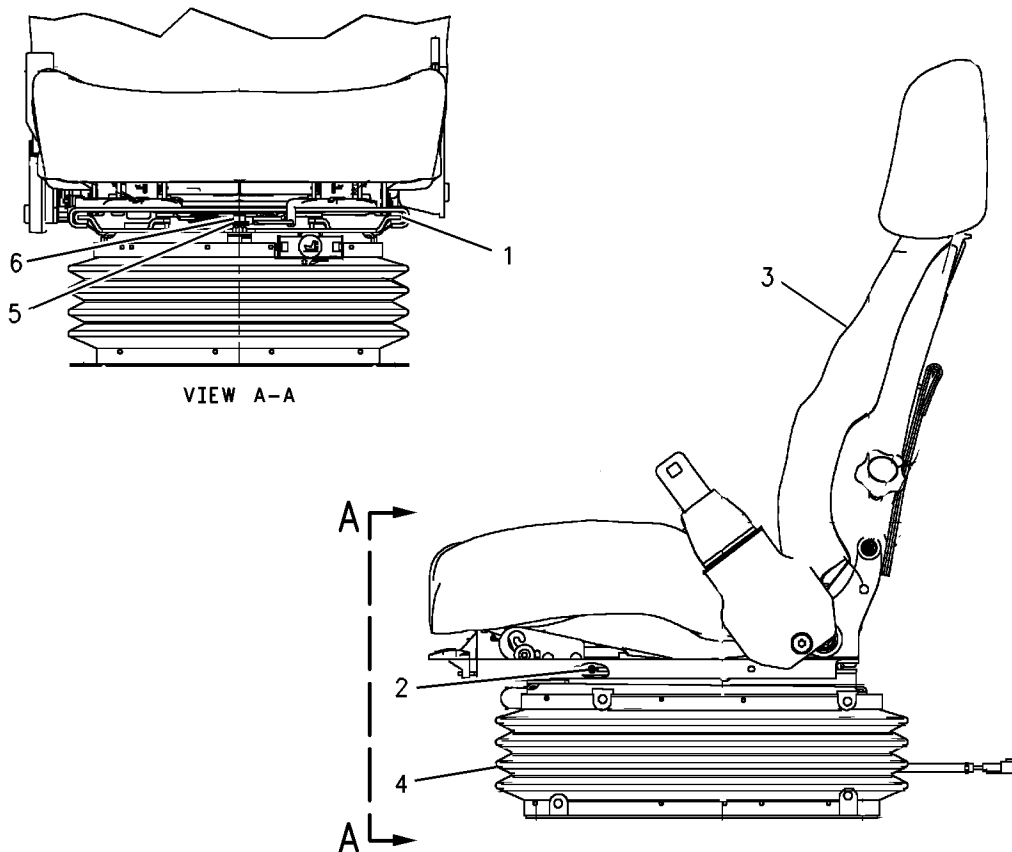
PART OF 227-7012 SEAT GP-SUSPENSION
AN ATTACHMENT

SMCS-7321, 7324, 7336

i01871059

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
J	1	1	161-9289	4	BLOCK-SLIDER						
J	2	1	173-5787	4	SETSCREW (1/4-20 THD)						
Y	3	1	178-0606	1	SEAT GP						524
Y	4	1	191-2933	1	SUSPENSION GP-SEAT						541
J	5	1	203-7703	2	WASHER-HARD (10.2X22.22X2.38MM THK)						
J	6	1	4F-4879	1	BOLT (3/8-16X.5 IN)						
AVAILABLE REPAIR KIT(S) :											
J			173-7035	1	KIT-SLIDER BLOCK (SUSPENSION SEAT)						

J-KIT MARKED J INCLUDES PARTS MARKED J
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00933544

OPERATOR STATION

227-7010 SEAT GP-SUSPENSION-CLOTH, MECHANICAL

S/N: CCK1-UP

CANNOT BE USED WITH 193-3812-PAGE 454,
AN ATTACHMENT

SMCS-7321, 7324, 7336

i01877530

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	160-7186	1	SEAT GP-SUSPENSION						531
M	6V-8335	4	BOLT-SELF LOCKING (M10X1.5X40MM)						
	7X-7729	4	WASHER (11X25X3MM THK)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

<END>

227-7011 SEAT GP-SUSPENSION-VINYL, MECHANICAL

S/N: CCK1-UP

AN ATTACHMENT

SMCS-7321, 7324, 7336

i01877535

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	159-2950	1	SEAT GP-SUSPENSION						530
M	6V-8335	4	BOLT-SELF LOCKING (M10X1.5X40MM)						
	7X-7729	4	WASHER (11X25X3MM THK)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

<END>

227-7012 SEAT GP-SUSPENSION-CLOTH, AIR

S/N: CCK1-UP

CANNOT BE USED WITH 193-3812-PAGE 454
AN ATTACHMENT

SMCS-7321, 7324, 7336

i01877542

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	200-3174	1	SEAT GP-SUSPENSION						532
M	6V-8335	4	BOLT-SELF LOCKING (M10X1.5X40MM)						
	7X-7729	4	WASHER (11X25X3MM THK)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

<END>

OPERATOR STATION

227-7013 SEAT GP - SUSPENSION-VINYL, MECHANICAL, LOW BACK

S/N: CCK1-UP

AN ATTACHMENT

SMCS-7321, 7324, 7336

i01895770

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	6W-9744	1	SEAT GP - SUSPENSION						528
M	9X-2125	4	BOLT-LOCKING (M10X1.5X25MM)						
	5V-5262	2	BOLT-SHOULDER (7/16-20X1.26 IN)						
	8S-0934	2	LOCKNUT-FLANGE (7/16-20 THD)						
	8Y-4030	1	SEAT BELT GP (SUSPENSION SEAT LOW BACK)						
	7X-7729	4	WASHER (11X25X3MM THK)						

M- METRIC PART

Y- SEPARATE ILLUSTRATION

<END>

OPERATOR STATION

177-3852 STEP GP

S/N: CCK1-UP

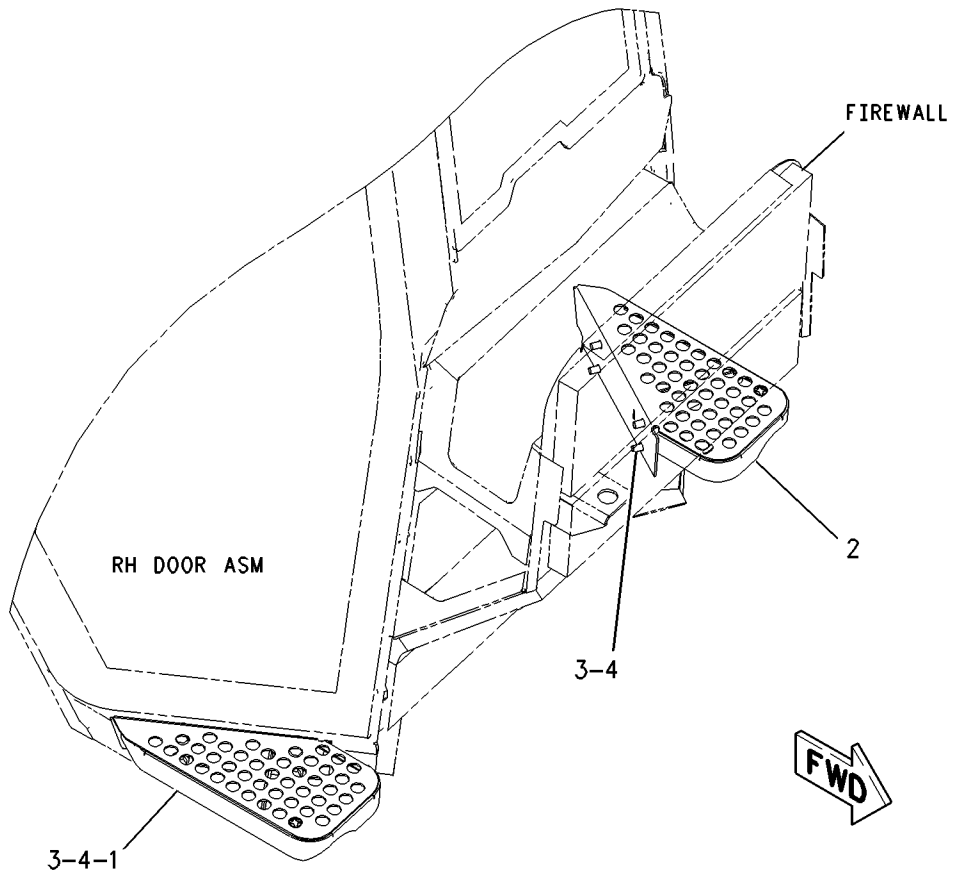
PART OF 156-8911 CAB GP

SMCS-7254

i01828903

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	164-9144	1	STEP AS						
	2	1	164-9145	1	STEP AS						
	3	1	7X-7729	8	WASHER (11X25X3MM THK)						
M	4	1	8T-4137	8	BOLT (M10X1.5X20MM)						

M-METRIC PART



GRAPHIC #1

<END>

g00942704

OPERATOR STATION

6W-8502 SUSPENSION GP-SEAT

S/N: CCK1-UP

PART OF 6W-9744 SEAT GP-SUSPENSION
AN ATTACHMENT

SMCS-7324

i01893902

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5V-1839	1	LOCKNUT						
	2	1	4V-7884	1	BEARING						
	3	1	4V-8577	2	BEARING						
	4	1	8Y-6957	1	SHAFT AS						
	5	1	4V-8566	1	GEAR AS (100 TEETH)						
		1	4V-8561	1	WASHER (16.2X50.8X.8MM THK)						
	6	1	4V-8562	1	PLATE AS						
	7	1	2K-9111	2	PIN-SPRING						
	8	1	8R-1876	2	PAD-ROLLER						
	9	1	4B-4281	1	WASHER (16.8X33X2.5MM THK)						
	10	1	7V-5190	1	GEAR AS (28 TEETH)						
	11	1	4V-7872	1	KNOB AS-ADJUSTMENT						
		1	4V-7873	1	KNOB (SEAT ADJUSTMENT)						
		1	5V-1483	1	PIN-GROOVED						
		1	4V-7877	1	SPRING						
	12	1	4V-7874	1	HANDLE AS						
		1	5V-1474	1	SCREW-FORMING (10-16X0.625 IN)						
		1	4V-7876	1	SLEEVE						
		1	4V-7875	1	HANDLE						
	13	1	5H-3182	1	PIN-SPRING						
	14	1	4V-8565	1	INDICATOR						
	15	1	4V-8554	1	BRACKET						
	16	1	9C-2177	1	CAP						
	17	2	6W-0590	1	LEVER (SEAT ADJUSTMENT)						
		2	3L-1473	1	PIN-GROOVED						
	18	2	5V-4855	4	BOLT (1/2-16X.75 IN)						
	19	2	4V-7890	1	SPRING						
	20	2	4V-8606	1	HOUSING AS-UPPER						
	21	2	5V-4846	1	ARM AS						
	22	2	163-2661	2	ARM AS						
	23	2	8R-1884	1	SPACER (13X19X25MM THK)						
	24	2	4V-8264	1	LINK						
	25	2	9V-7943	2	SPRING						
	26	2	9V-3043	2	LINK AS						
	27	2	4V-8265	1	LINK						
	28	2	2K-4973	4	LOCKNUT (3/8-16 THD)						
		2	4B-4278	4	WASHER (10.2X20.5X1.6MM THK)						
	29	2	6W-5233	1	ABSORBER AS-SHOCK						
	30	2	4V-8609	1	BOOT						
	31	2	4V-8556	1	BOLT (3/8-16X2.34 IN)						
		2	6D-0047	1	LOCKNUT (3/8-16 THD)						
	32	2	4V-7884	1	BEARING						
	33	2	6W-8281	2	BUMPER						
	34	2	9V-6754	23	FASTENER						
	35	2	4V-8610	1	SPRING						
	36	2	8R-1877	1	SPACER (13X19X35MM THK)						
	37	2	8R-1878	1	SPACER (13X19X10MM THK)						
	38	2	4V-7891	1	LATCH AS						
Y	39	2	6W-8505	1	ADJUSTER GP-SEAT						442
	40	2	8R-1883	4	ROLLER-GUIDE						
	41	2	8R-1876	2	PAD-ROLLER						
	42	2	5V-1839	1	LOCKNUT						
	43	2	4V-8577	2	BEARING						
	44	2	8Y-6957	1	SHAFT AS						
	45	2	1B-2693	2	BOLT (1/4-20X.62 IN)						

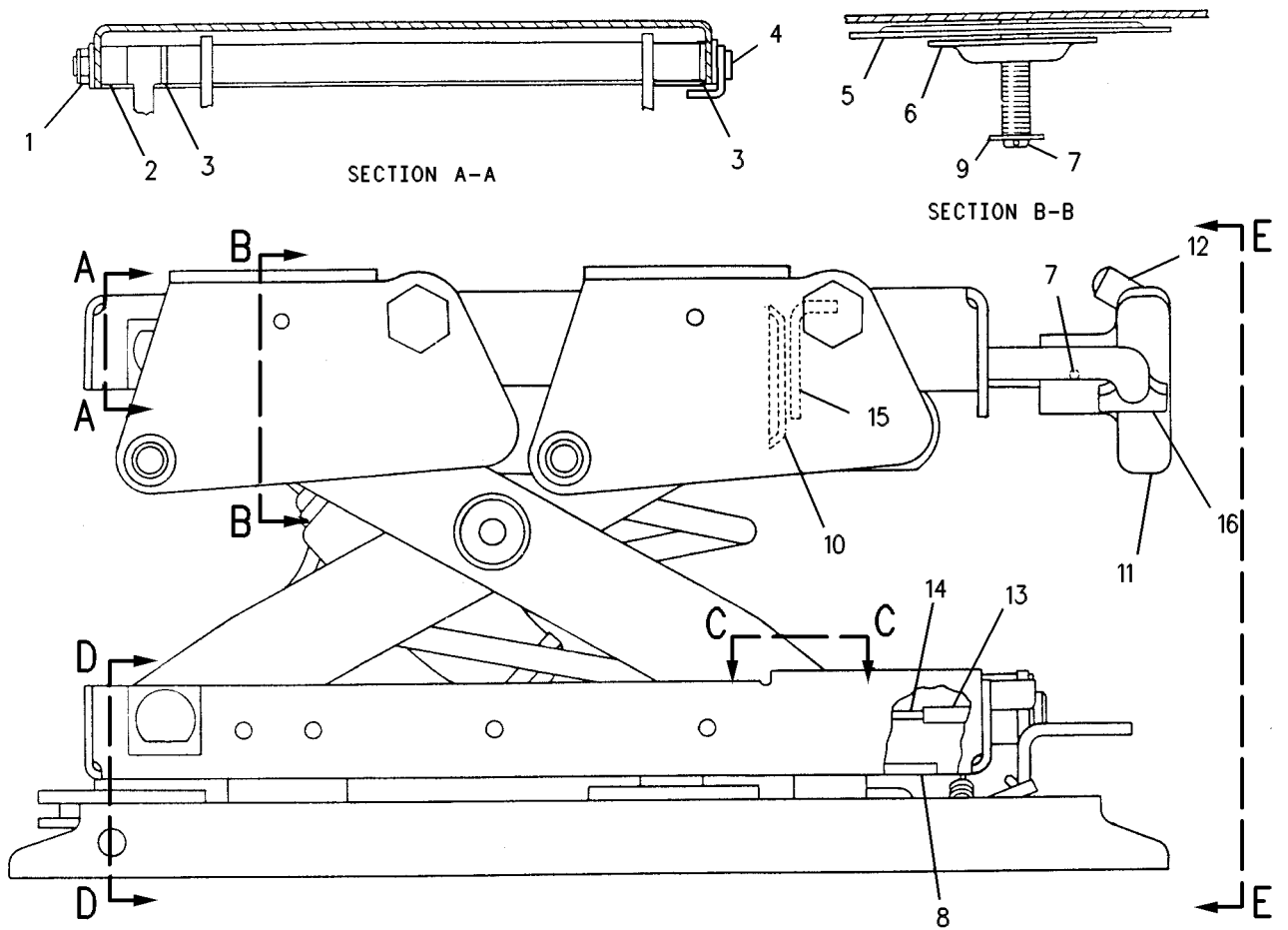
OPERATOR STATION

6W-8502 SUSPENSION GP-SEAT (contd.)

i01893902

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	46	2	027-3924	2	LOCKNUT (1/4-20 THD)						

Y-SEPARATE ILLUSTRATION



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

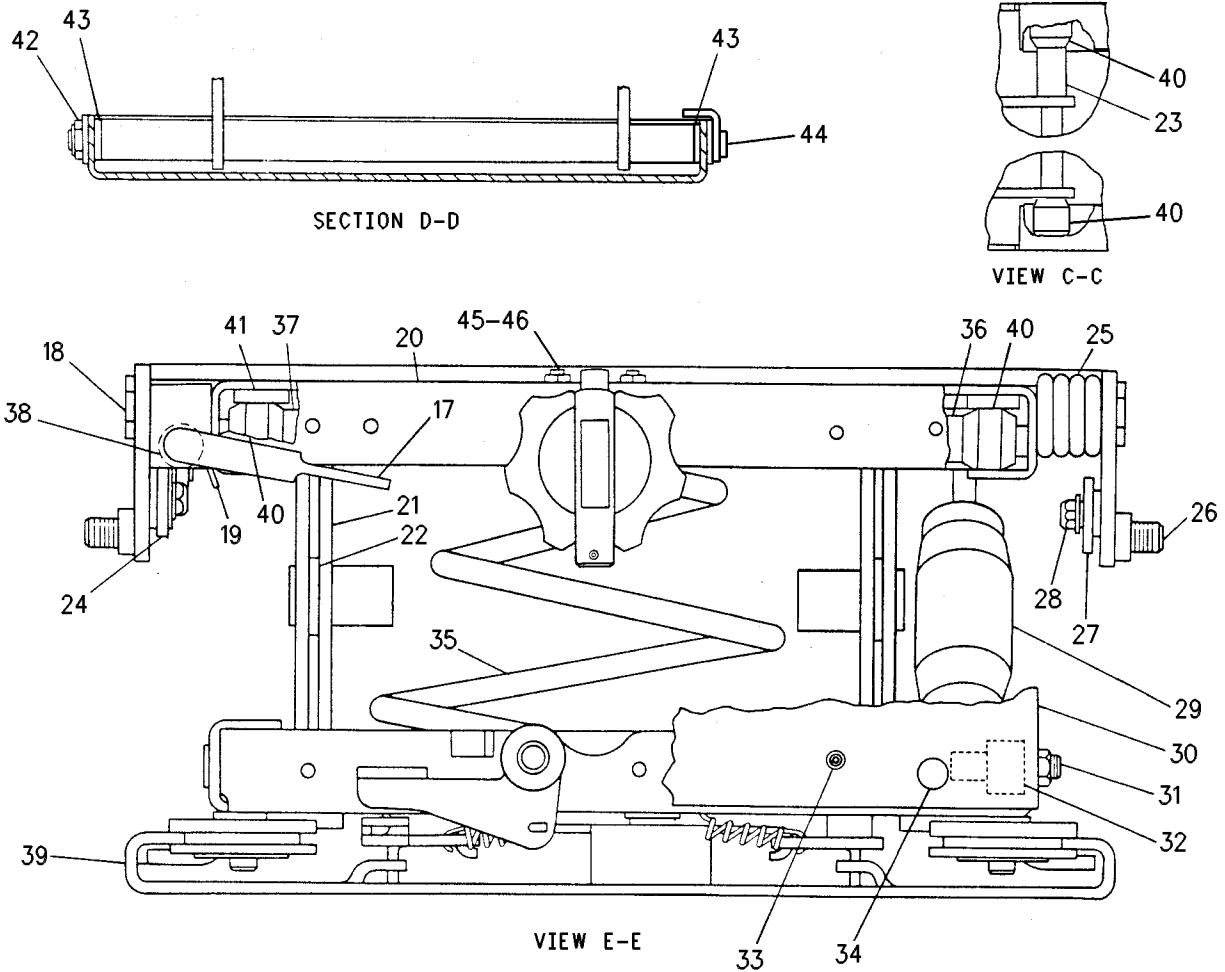
GRAPHIC #1

g00347918

OPERATOR STATION

6W-8502 SUSPENSION GP-SEAT (contd.)

i01893902



GRAPHIC #2

<END>

g00509225

OPERATOR STATION

160-7165 SUSPENSION GP-SEAT

S/N: CCK1-UP

PART OF 159-2950, 160-7186 SEAT GP-SUSPENSION
AN ATTACHMENT

SMCS-7324

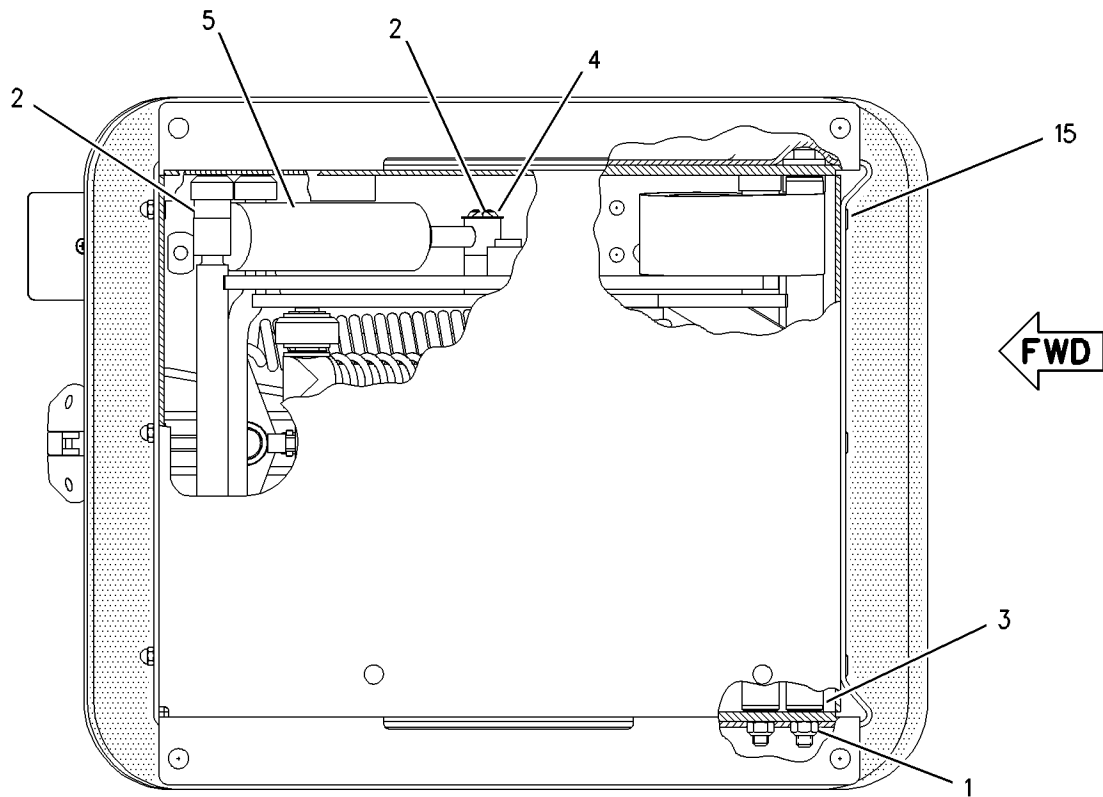
i01883826

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2K-4973	2	LOCKNUT (3/8-16 THD)						
	2	1	4V-7884	2	BEARING						
	3	1	4V-8577	4	BEARING						
	4	1	5V-1497	1	RETAINER						
	5	1	8Y-5965	1	ABSORBER AS-SHOCK						
	6	1	8Y-6012	1	ARM AS-SUSPENSION						
	7	1	8Y-6014	1	HOUSING AS-LOWER						
	8	1	8Y-6024	2	SHAFT AS						
J	9	1	101-0003	20	FASTENER						
J	10	1	166-6781	3	FASTENER (15.9MM OD)						
J		1	197-7689	3	FASTENER (5.9MM OD)						
J	11	1	163-1146	3	FASTENER						
	12	1	145-0326	1	FILM-INSTRUCTION (SEAT ADJUSTMENT)						
	13	1	169-7380	1	BOLT-SOCKET HEAD (3/8-16X0.375 IN)						
Y	14	1	174-2231	1	HOUSING GP-SEAT SUSPENSION						476
	15	1	197-7689	3	FASTENER						
AVAILABLE REPAIR KIT(S) :											
J			8Y-5944	1	KIT-SUSPENSION BOOT (SUSPENSION SEAT) (INCLUDES BOOT, RETAINER, FASTENERS & PARTS MARKED J)						
			101-4194	1	KIT-BELT TETHER (SUSPENSION SEAT)						
			101-4195	1	KIT-SUSPENSION ROLLER (SUSPENSION SEAT)						
J-KIT MARKED J SERVICES PART(S) MARKED J Y-SEPARATE ILLUSTRATION											

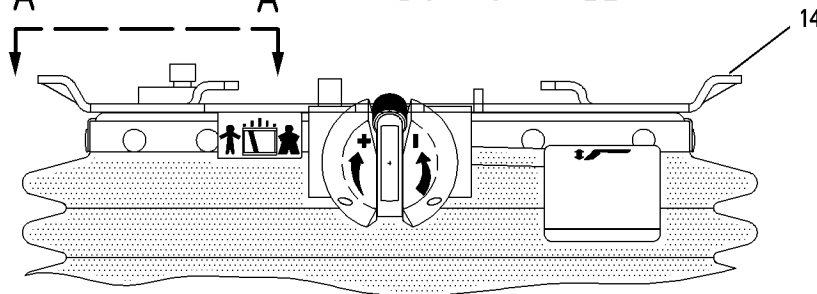
OPERATOR STATION

160-7165 SUSPENSION GP-SEAT (contd.)

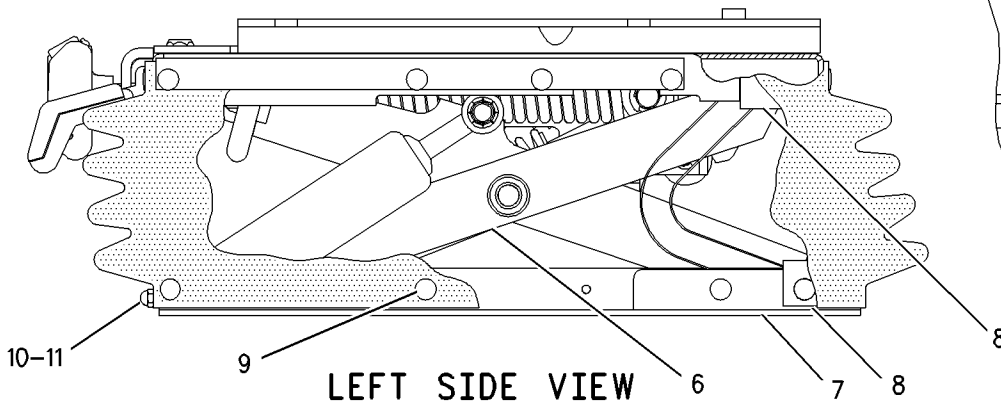
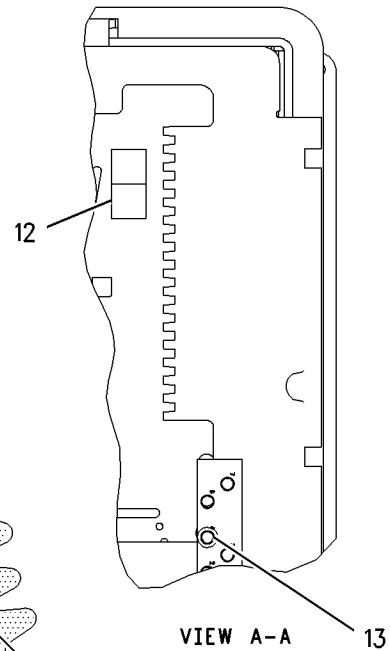
i01883826



A A **BOTTOM VIEW**



FRONT VIEW



LEFT SIDE VIEW

GRAPHIC #1

<END>

g00801013

OPERATOR STATION

191-2933 SUSPENSION GP-SEAT

S/N: CCK1-UP

PART OF 200-3174 SEAT GP-SUSPENSION
AN ATTACHMENT

SMCS-7324

i01871062

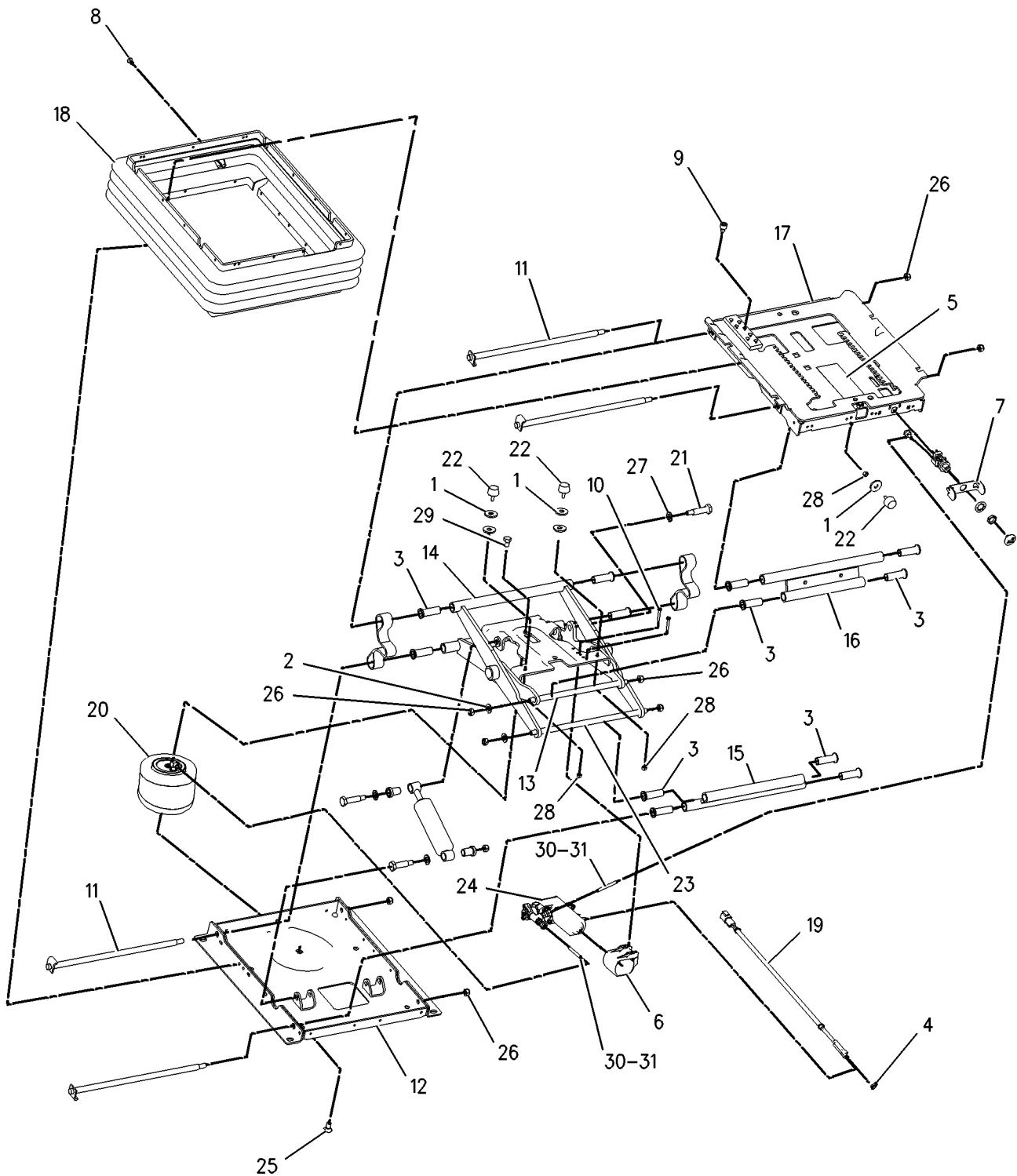
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3P-9900	5	WASHER (10.5X30X3MM THK)						
	2	1	4B-4278	2	WASHER (10.2X20.5X1.6MM THK)						
	3	1	4V-8577	12	BEARING						
	4	1	8L-8413	1	STRAP-CABLE						
	5	1	145-0326	1	FILM-INSTRUCTION (SEAT ADJUSTMENT)						
	6	1	163-1139	1	BRACKET						
	7	1	164-1234	1	PLATE						
	8	1	164-1270	33	FASTENER						
	9	1	169-7380	1	BOLT-SOCKET HEAD (3/8-16X0.375 IN)						
	10	1	186-5107	2	SCREW (NO 8 X 1.25 IN)						
	11	1	192-7752	4	SHAFT AS						
	12	1	192-7755	1	HOUSING AS						
	13	1	192-7760	1	SHAFT						
	14	1	192-7767	1	SCISSORS AS						
	15	1	192-7783	1	TOGGLE AS						
	16	1	192-7787	1	TOGGLE AS						
	17	1	192-7790	1	HOUSING AS						
	18	1	192-7795	1	BOOT						
	19	1	192-7805	1	HARNES AS-VALVE (AIR COMPRESSOR) (SEAT)						
		1	102-8802	1	KIT-RECEPTACLE (2 PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
	20	1	192-7810	1	SPRING AS-AIR						
		1	5P-4423	1	ELBOW						
		1	163-1135	1	SPRING						
	21	1	192-7812	1	BOLT-SHOULDER						
	22	1	192-7820	3	BUMPER						
	23	1	192-7822	1	SHAFT						
	24	1	192-7846	1	COMPRESSOR AS						
	25	1	1H-8296	1	SCREW-MACHINE						
	26	1	2K-4973	8	LOCKNUT (3/8-16 THD)						
	27	1	3J-4818	1	LOCKWASHER						
M	28	1	5C-2890	3	NUT (M6X1 THD)						
	29	1	8T-9371	1	BOLT (3/8-16X0.5 IN)						
E	30	1	211-5358		CONDUIT (100CM)						
D	31	1	5P-6010		TUBE (1M)						
					AVAILABLE REPAIR KIT(S) :						
			192-7799	1	KIT-AIR VALVE (SUSPENSION SEAT) (INCLUDES KNOB AS)						
			192-7848	1	KIT-SHOCK ABSORBER (SUSPENSION SEAT) INCLUDES LOCKNUT, LOCKWASHER, SHOCK ABSORBER, BEARING, WASHER, AND BOLTS						
			211-9294	1	KIT-TETHER (SUSPENSION SEAT)						

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

OPERATOR STATION

191 - 2933 SUSPENSION GP - SEAT (contd.)

i01871062



GRAPHIC #1

<END>

g00913216

OPERATOR STATION

167-1455 TANK GP - WINDOW WASHER

S/N: CCK1-UP

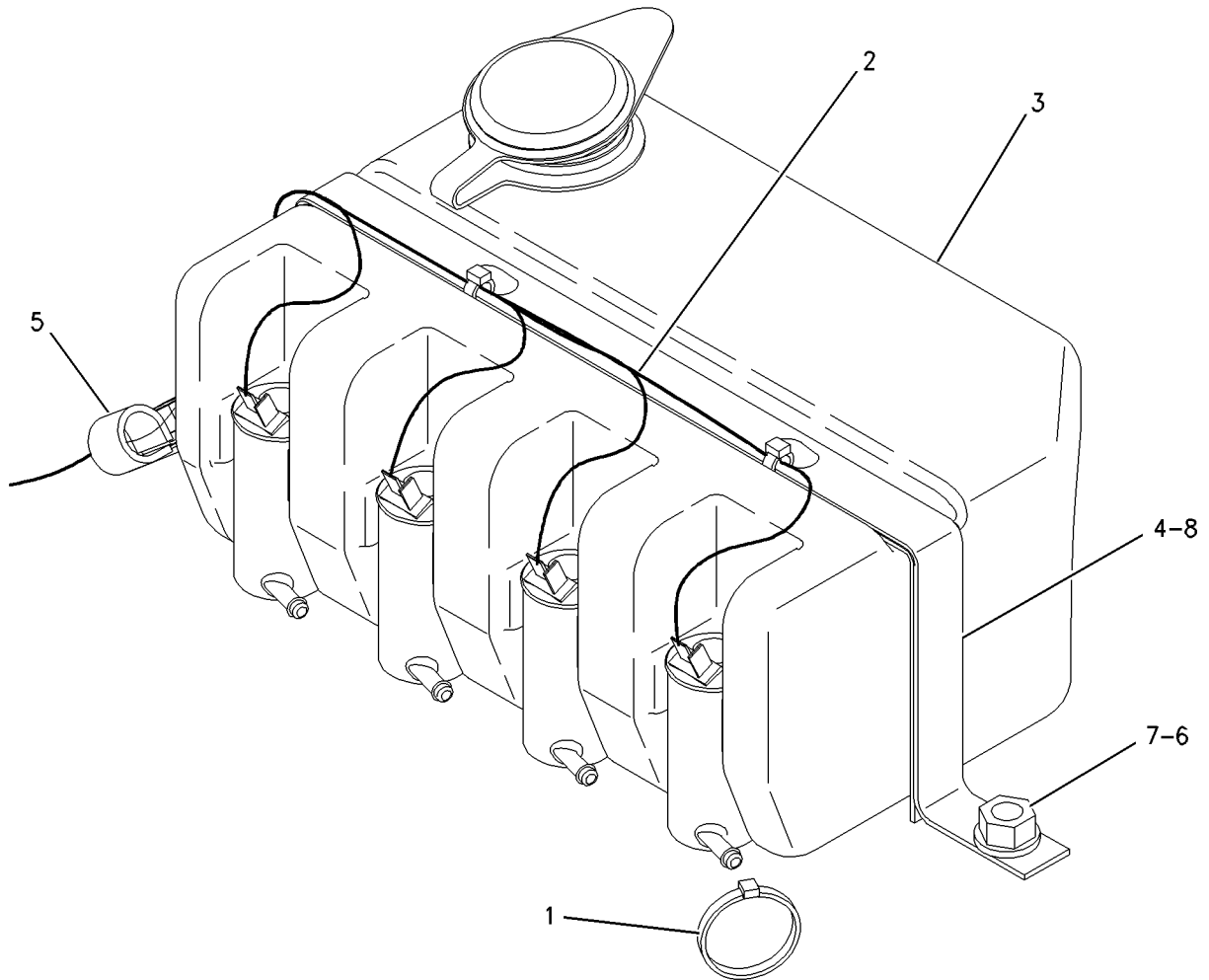
PART OF 191-4824 CAB AR

SMCS-7306

i01828744

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3S-2093	3	STRAP - CABLE						
	2	1	110-1118	1	HARNESS AS (WINDOW WASHER)						
		1	8T-8737	1	PLUG-SEAL						
		1	9X-0194	4	TERMINAL AS						
		1	102-8805	1	KIT-RECEPTACLE (6 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	3	1	219-7737	1	TANK AS-WASHER						
		1	209-4482	1	CAP (WINDOW WASHER TANK)						
	4	1	219-7739	1	BRACKET						
	5	1	8M-2770	1	CLIP						
	6	1	8T-4121	2	WASHER-HARD (11X21X2.5MM THK)						
M	7	1	8T-4133	2	NUT (M10X1.5 THD)						
BD	8	1	6V-2496		SEAL						

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



GRAPHIC #1

<END>

g00911355

OPERATOR STATION

156-8916 WINDOW GP - CAB

S/N: CCK1-UP

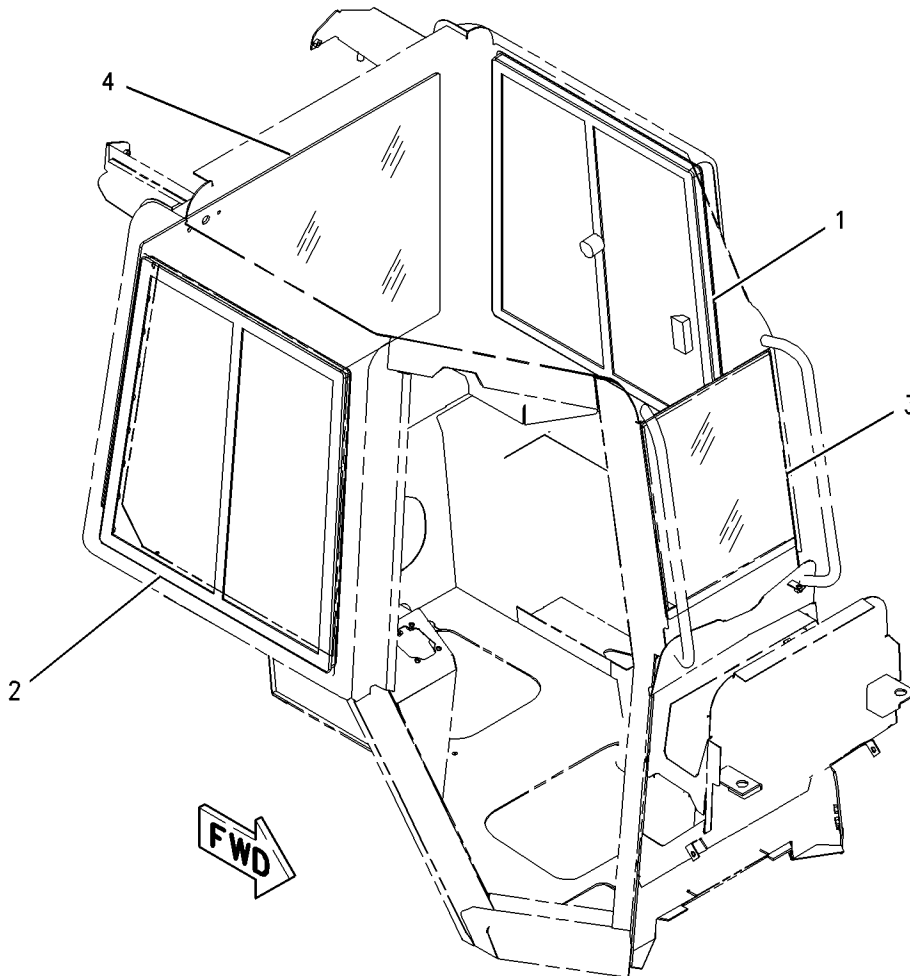
PART OF 156-8911 CAB GP

SMCS-7310

i01828912

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	166-2103	1	WINDOW GP - CAB (LH SIDE)						545
Y	2	1	166-2104	1	WINDOW GP - CAB (RH SIDE)						546
	3	1	170-2069	1	GLASS (FRONT)						
	4	1	170-2070	1	GLASS (REAR)						

Y - SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00911598

OPERATOR STATION

166-2103 WINDOW GP-CAB-LH

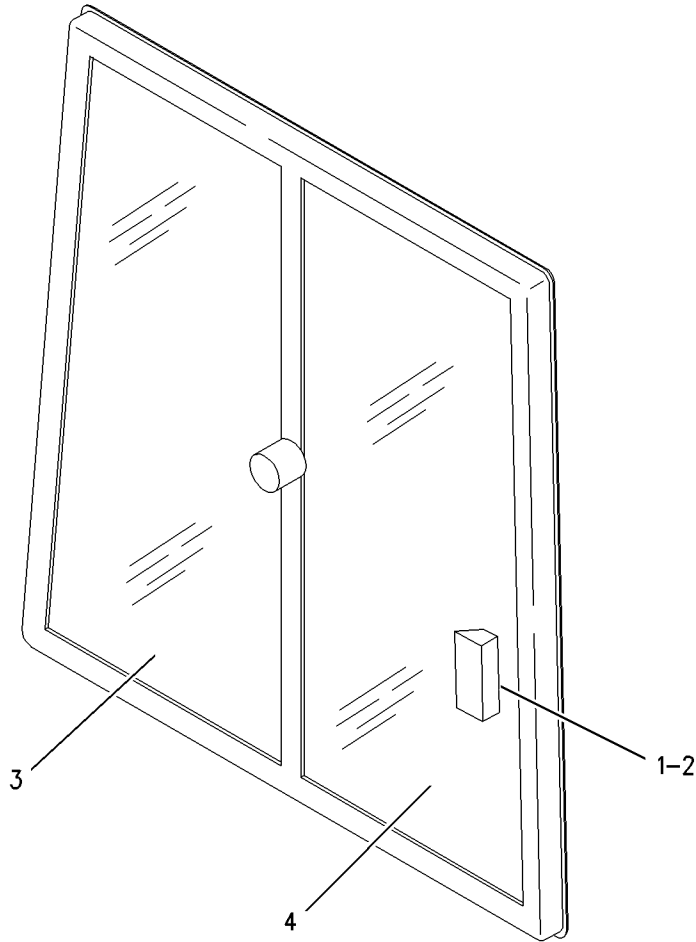
S/N: CCK1-UP

PART OF 156-8916 WINDOW GP-CAB

SMCS-7310

i01880200

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	201-9820	1	LATCH AS						
	2	1	201-9821	1	CATCH						
	3	1	203-7738	1	GLASS (FIXED)						
	4	1	203-7740	1	GLASS (SLIDING)						



GRAPHIC #1

<END>

g00914748

OPERATOR STATION

166-2104 WINDOW GP-CAB-RH

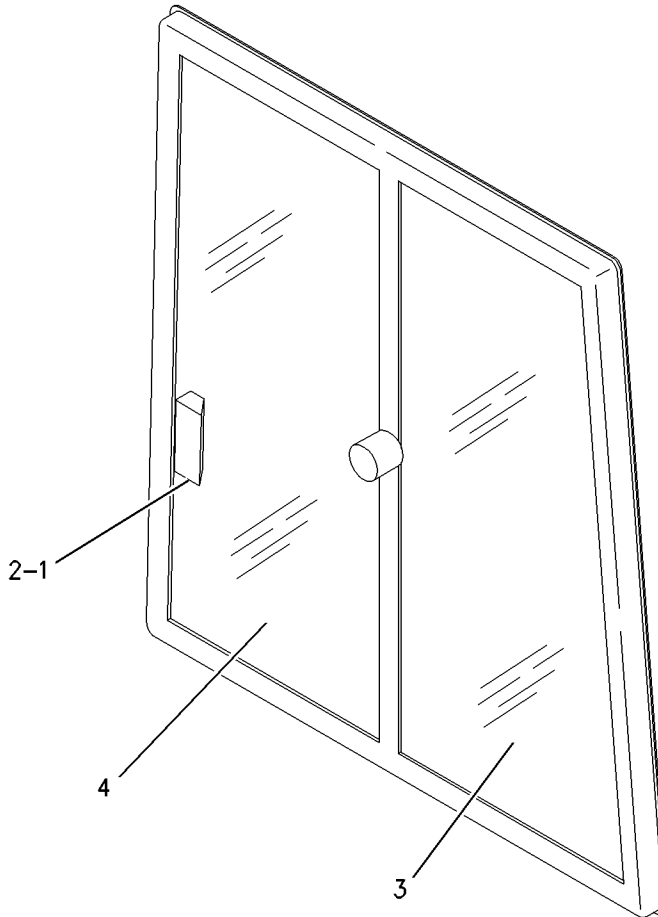
S/N: CCK1-UP

PART OF 156-8916 WINDOW GP-CAB

SMCS-7310

i01828933

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	201-9820	1	LATCH AS						
	2	1	201-9821	1	CATCH						
	3	1	203-7741	1	GLASS (FIXED)						
	4	1	203-7742	1	GLASS (SLIDING)						



GRAPHIC #1

<END>

g00914759

OPERATOR STATION

170-2086 WIPER GP - WINDOW

S/N: CCK1-UP

PART OF 156-8911 CAB GP

SMCS-7305

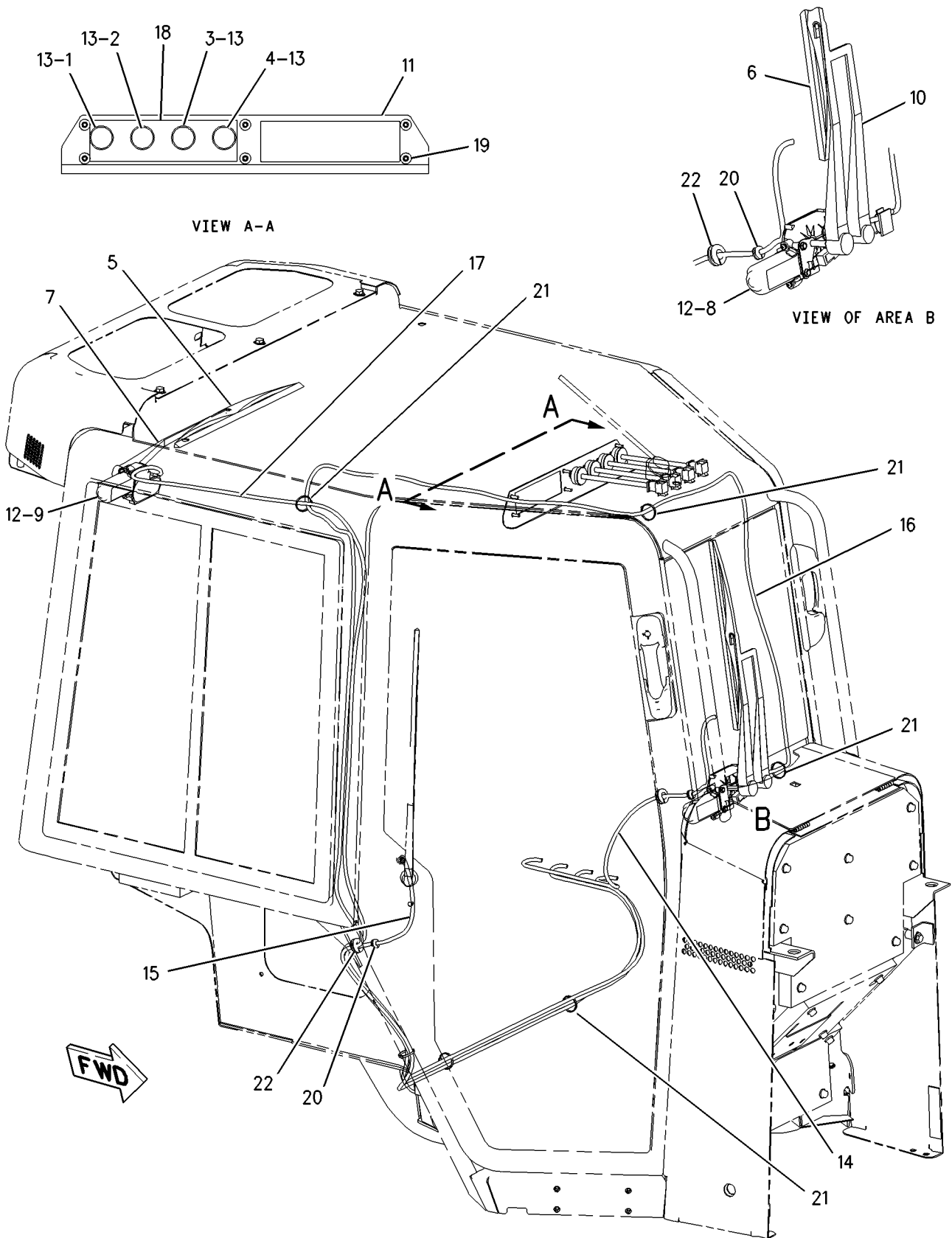
i01883833

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	112-6174	1	SWITCH AS-ROTARY (FRONT WINDOW WIPER)						
	2	1	112-6174	1	SWITCH AS-ROTARY (LEFT WINDOW WIPER)						
	3	1	112-6174	1	SWITCH AS-ROTARY (RIGHT WINDOW WIPER)						
	4	1	112-6174	1	SWITCH AS-ROTARY (REAR WINDOW WIPER)						
					(EACH SWITCH AS INCLUDES)						
		1	7T-9302	1	KNOB (WIPER) (WINDOW)						
		1	2H-3920	1	LOCKWASHER						
		1	6V-8369	1	NUT (7/16-28 THD)						
	5	1	5C-8811	1	BLADE AS-WIPER (REAR) (WINDOW)						
	6	1	125-8175	1	BLADE AS-WIPER (WINDSHIELD)						
	7	1	127-6509	1	ARM AS						
	8	1	175-3759	1	MOTOR AS (WIPER) (WINDOW FRONT)						
	9	1	175-3760	1	MOTOR AS-WINDOW WIPER (REAR)						
		1	8T-8729	4	PIN-CONNECTOR						
		1	102-8804	1	KIT-RECEPTACLE (4 PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
	10	1	175-3761	1	ARM AS						
	11	1	193-0542	1	PANEL						
	12	1	8T-5400	2	CONNECTOR						
	13	1	7T-9302	4	KNOB (WIPER) (WINDOW)						
E	14	1	144-0195		HOSE (25CM)						
E	15	1	144-0195		HOSE (10CM)						
E	16	1	144-0195		HOSE (55CM)						
E	17	1	144-0195		HOSE (40CM)						
	18	1	216-5185	1	FILM (WINDSHIELD WASHER/WIPER)						
M	19	1	9X-2045	6	SCREW-TRUSS HEAD (M6X1X20MM)						
	20	1	9D-8508	2	GROMMET						
	21	1	3S-2093	6	STRAP-CABLE						
	22	1	4H-2558	2	GROMMET						
E-ORDER BY THE CENTIMETER											
M-METRIC PART											

OPERATOR STATION

170-2086 WIPER GP-WINDOW (contd.)

i01883833



GRAPHIC #1

<END>

g00928319

SERVICE EQUIPMENT AND SUPPLIES

221-3697 FILM GP

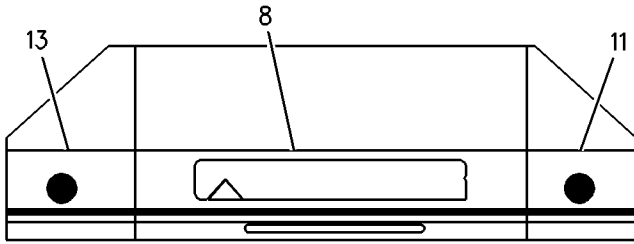
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PART OF 192-3195 PLATE & FILM GP

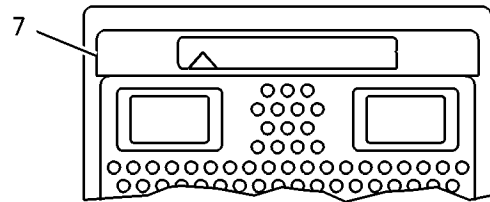
SMCS-7000

i01833326

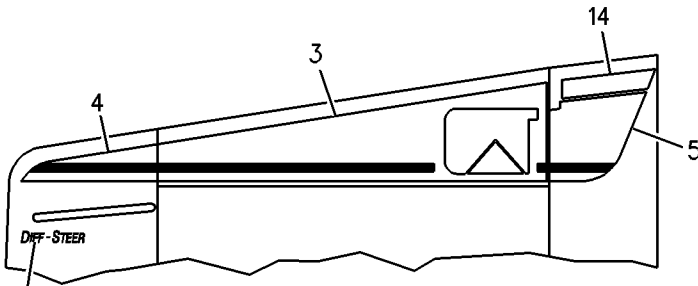
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	205-4951	1	FILM-STRIP (D6N) (RH FRONT)						
	2	1	220-1961	1	FILM-STRIP (D6N) (RH FRONT)						
	3	1	205-4952	1	FILM-STRIP (D6N) (LH FRONT)						
	4	1	220-1962	1	FILM-STRIP (D6N) (LH FRONT)						
	5	1	224-3933	1	FILM-STRIP (D6N) (LH LOWER COWL)						
	6	1	224-3937	1	FILM-STRIP (D6N) (RH LOWER COWL)						
	7	1	205-4953	1	FILM-STRIP (D6N) (FRONT)						
	8	1	206-0334	1	FILM-STRIP (D6N) (REAR)						
	9	1	205-7095	1	FILM-STRIP (D6NXL) (LH REAR)						
	10	1	205-7096	1	FILM-STRIP (D6N) (LH TRIANGLE)						
	11	1	205-7097	1	FILM-STRIP (D6NXL) (RH REAR)						
	12	1	205-7098	1	FILM-STRIP (D6N) (RH TRIANGLE)						
	13	1	206-1559	1	FILM-STRIP (D6N) (LH REAR CORNER)						
	14	1	224-2171	1	FILM-STRIP (D6N) (LH UPPER COWL)						
	15	1	224-2172	1	FILM-STRIP (D6N) (RH UPPER COWL)						
	16	1	222-1780	2	FILM (DIFF STEER)						



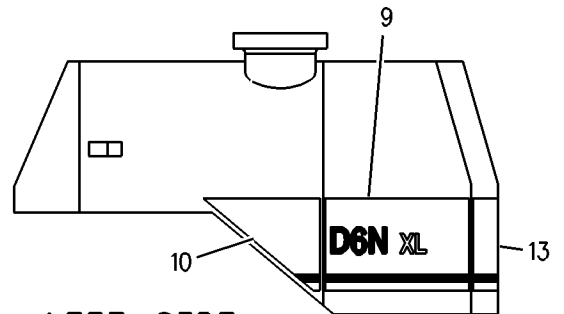
REAR VIEW



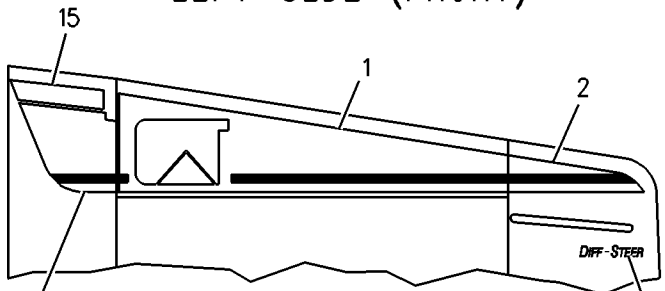
FRONT VIEW



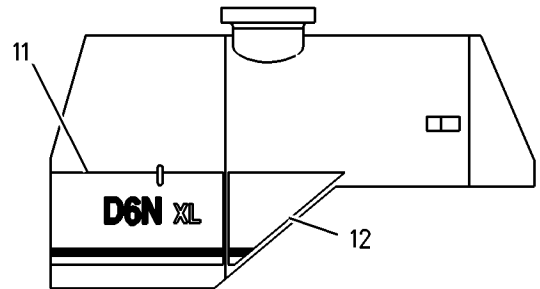
LEFT SIDE (FRONT)



LEFT SIDE



RIGHT SIDE (FRONT)



RIGHT SIDE

GRAPHIC #1

<END>

g00938707

SERVICE EQUIPMENT AND SUPPLIES

5P-1101 PLATE & FILM GP

S/N: TPP1-UP
PART OF 180-4560 RIPPER AR
AN ATTACHMENT

SMCS-7557, 7563

i01866640

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	2Y-9790	1	PLATE-SERIAL NUMBER (ON RH SIDE OF TOWER)	
	4B-4158	2	SCREW-DRIVE (3/16X0.25 IN)	
<END>				

6V-5343 PLATE & FILM GP-BULLDOZER

S/N: B6X1-UP
PART OF 223-6303 BULLDOZER AR
AN ATTACHMENT

SMCS-7557, 7563

i01831025

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	2Y-9790	1	PLATE-SERIAL NUMBER BACK OF MOLDBOARD - NEAR TOP AT RH END.	
	4B-4158	2	SCREW-DRIVE (3/16X0.25 IN)	
<END>				

192-3195 PLATE & FILM GP

S/N: CCK1-UP
PART OF 189-4620 POWER TRAIN AR

SMCS-7557, 7563

i01833317

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	221-3697	1	FILM GP (D6N XL D/S)	549
	4W-1413	1	PLATE-SERIAL NUMBER (ENGINE) ON LH SIDE OF CYLINDER BLOCK TOWARD THE TOP AND REAR FLAT AREA THAT WOULD BE ABOVE AND BEHIND THE ECM WHEN MOUNTED.	
	8T-9905	1	PLATE-IDENTIFICATION (TRANSMISSION OIL FILL TUBE) LEFT SIDE ON THE CAP (VERTICAL SHAFT, ON "T" HANDLE).	
	202-9824	1	PLATE-INFORMATION (BRAZIL) CBL INFORMATION PLATE NEAR OF THE PIN PLATE.	
	9X-1878	1	PLATE (PRODUCT IDENTIFICATION) ON LH REAR OF CASE.	
	9X-6199	1	PLATE-PRODUCT IDENT NUMBER (COMBINATION) ON LH REAR OF CASE.	
	9F-6656	1	RING-RETAINING LEFT SIDE ON THE CAP (VERTICAL SHAFT, ON "T" HANDLE).	
	8T-9530	10	TACK-FASTENER ON LH REAR OF CASE.	
	4P-6464	1	FILM-AIR CLEANER (RADIAL SEAL) LEFT SIDE, ON AIR CLEANER END COVER ASSEMBLY.	
	223-4299	1	FILM (ALTERNATOR) RH SIDE OF THE MACHINE, ON THE UPPER FLANGE OF THE ALTERNATOR GUARD.	

SERVICE EQUIPMENT AND SUPPLIES

192-3195 PLATE & FILM GP (contd.)

i01833317

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	3E-8241	1	FILM-HYDRAULIC OIL INSIDE RH HYDRAULIC OIL ACCESS DOOR BY FILLER SPOUT.	
	4P-8681	1	FILM-IDENTIFICATION (ENGINE OIL FILTER) ON OIL FILTER.	
	211-0686	1	FILM (IGNITION SW) ON BATTERY DISCONNECT SWITCH.	
	9X-6340	1	FILM-INSTRUCTION (ENGINE OIL) ON OR NEAR ENGINE OIL FILL TUBE.	
	167-7270	2	FILM-INSTRUCTION (NO STEP) ON THE BLADE ANGLE CYLINDERS, EACH SIDE.	
	7X-3229	4	FILM-LIFT & TIE DOWN W/O RIPPER - ON SIDE OF TRACK ROLLER FRAME BETWEEN FRONT IDLER & ROLLER & BETWEEN REAR IDLER & ROLLER. (2 EA SIDE) W/ RIPER - ON SIDE OF TRACK ROLLER FRAME BETWEEN FRONT IDLER & ROLLER & ON SIDE OF RIPPER FRAME BY REAR LIFT CYLINDER PIN. (2 EACH SIDE)	
	173-1619	1	FILM-NOTICE (SHIPPING) ON RH SIDE BELOW TOP OF FENDER ON ANGLED VERTICAL SURFACE NEAR FRONT EDGE.	
	3E-8108	1	FILM-OIL LEVEL (TRANSMISSION) LH INSIDE ACCESS AREA UNDER TRANS OIL LEVEL STICK.	
	232-3680	1	FILM-FUSE (FUSE IDENTIFICATION) INSIDE LH REAR ENCLOSURE DOOR.	
	7X-7644	4	FILM (TIE DOWN) BY FRONT TOWING EYE. AT REAR HITCH CLEVIS. (DRAWBAR OR WINCH ONLY) W/O RIPPER - ON SIDE OF TRACK ROLLER FRAME, CENTERED BETWEEN FRONT & REAR IDLERS. (1 EACH SIDE) W/ RIPPER - ON SIDE OF TRACK ROLLER FRAME, CENTERED BETWEEN FRONT & REAR IDLERS & BETWEEN REAR ROLLER & IDLER. (2 EACH SIDE)	
	3E-8112	1	FILM-WARNING (JUMPER CABLES) INSIDE LH BATTERY SERVICE DOOR.	
	130-3676	1	FILM-WARNING (UNIVERSAL) INSIDE CAB, LH SIDE POST. POSITION THE FILM 230 MM FROM THE BOTTOM OF THE POST.	
	190-2938	1	FILM-WARNING (PRESSURIZED COOLANT) UNDERNEATH THE DOOR TO THE RADIATOR FILL	
Y-SEPARATE ILLUSTRATION				
<END>				

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