

Parts Manual

Preliminary Information



See "General Information"
for New Parts Manual
Features.

C175-16 Generator Set

G2E1-Up (Generator)
G2F1-Up (Generator)
G2G1-Up (Generator)
WYB1-Up (Generator Set)

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: _____

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

Informações Sobre Produto e Revendedor

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

Data de Entrega: _____

Informações Sobre o Produto

Modelo: _____

Número de Identificação do Produto: _____

Número de Série do Motor: _____

Número de Série da Transmissão: _____

Número de Série do Gerador: _____

Números de Série de Acessórios: _____

Informações Sobre Acessórios: _____

Número do Equipamento do Cliente: _____

Número do Equipamento do Revendedor: _____

Informações Sobre o Revendedor

Nome: _____ Filial: _____

Endereço: _____

Contato do Revendedor

Telefone

Horas

Vendas: _____

Peças: _____

Serviço: _____

Produkt- und Händlerinformation

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

Lieferdatum: _____

Produkt-Identinformation

Modell: _____

Produkt-Identnummer: _____

Seriennummer des Motors: _____

Seriennummer des Getriebes: _____

Seriennummer des Generators: _____

Seriennummern der Arbeitsgeräte: _____

Arbeitsgeräteinformation: _____

Kundennummer: _____

Händlernummer: _____

Händlerinformation

Name: _____ Niederlassung: _____

Adresse: _____

Kontaktperson beim Händler

Telefon

Dienststunden

Verkauf: _____

Ersatzteile: _____

Service: _____

MEMORANDA

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* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN

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* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN

GENERAL INFORMATION

1. ENGINE IDENTIFICATION

Caterpillar engines are identified with Serial Numbers and Arrangement Numbers. In some cases, Modification Numbers are also used. The serial number plate which shows these numbers is mounted on the engine.

Caterpillar dealers need this information to determine which components were included on the engine when it was assembled at the factory. This permits accurate identification of replacement part numbers.

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 Engines. 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 engine for which the parts are needed.

NOTE: This engine was designed and manufactured using a positive-build product structure, which requires some of the major components or systems to be attachment parts. To determine which major component or system is on your engine, copy the serial number from the engine and consult Technical Marketing Information (TMI) for As Shipped Consist in Engine History Information. The As Shipped Consist will not reflect any modifications done to the product after it has left the factory.

3. PARTS MANUAL ORGANIZATION

Product information in this manual is presented as "information elements" that represent all of the components for the specific model. An Engine Arrangement is an example of an information element. 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.

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, part name, and engineering change level(s) worked to the component shown, along with additional descriptive information. Use the change level from As Shipped Consist to determine the correct replacement parts. 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 lower level serviceable consist lists. These non-serviced part numbers are shown in *italic* type indicating that they are not available. All consist lists have not been converted to reflect this enhancement.

GENERAL INFORMATION

10. PARTS LIST REFERENCE NUMBERS

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

11. INDENTED PART NAMES

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

12. ILLUSTRATION REFERENCE LETTERS

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

13. ABBREVIATIONS AND SYMBOLS

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



14. DESCRIPTION OF TYPE CHANGES

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

15. <END>

This symbol indicates the end of an information element.

NOTE:

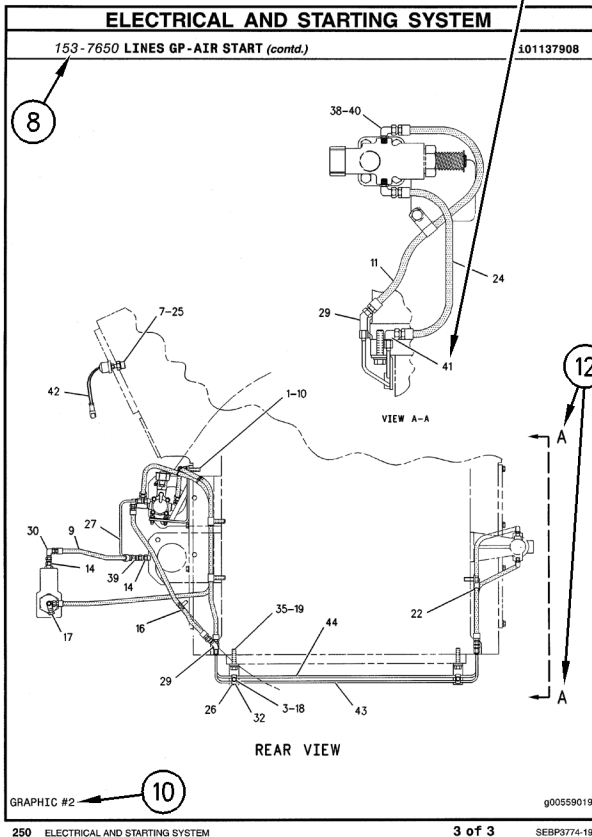
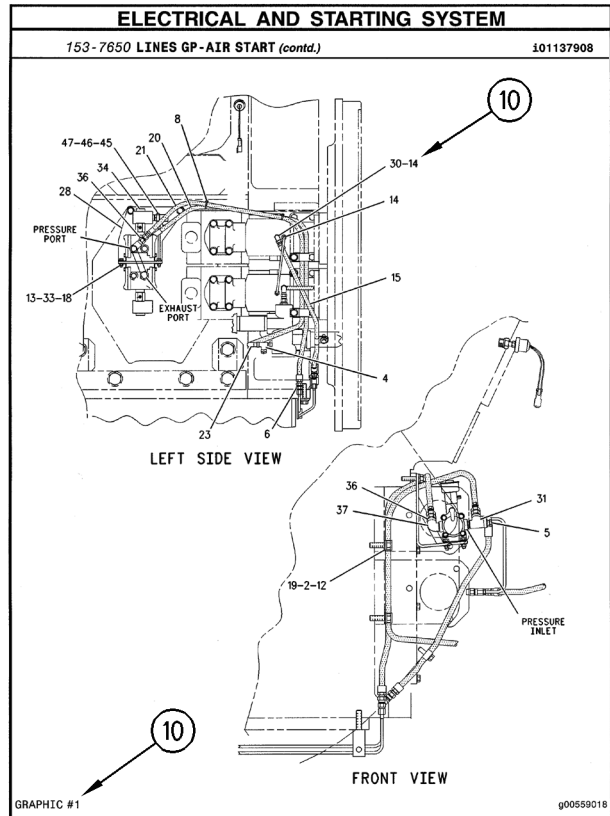
Continuing improvement and advancement of product design may cause changes to your engine which may not be included in this publication. Whenever a question arises regarding your Caterpillar product or this publication, please consult your Caterpillar dealer for the latest available information.

GENERAL INFORMATION

ELECTRICAL AND STARTING SYSTEM						
153-7650 LINES GP-AIR START (CHG -00 THRU -02,-04)						
S/N 9907598						
SMCS-1451	REF	GRAPHIC	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	2	08-1571	2	BOLT (3/8-16X1.75IN)	
	1		08-1587	2	BOLT (1/2-13X1.75IN)	
	3	2	08-1615	2	BOLT (1/4-20X.75 IN)	
	4	1	29-7322	1	TEE-PIPE	
	5	1	3J-5390	1	PLUG (3/8-18 THD)	
	6	1	3J-7355	1	UNION-FLARED	
	7	2	3P-0764	1	PLUG	
	8	1	3B-2093	2	STRAP-CABLE	
	9	2	3T-3848	1	HOSE AS	
	C	10	3V-3308	2	WASHER (2.5MM THK)	
	I	11	3V-6153	1	HOSE AS	
	12	1	4D-6986	2	CLIP (9/16 HOLE)	
	13	1	4F-7957	4	BOLT (1/4-20X.875IN)	
	C	14	4S-6399	5	CONNECTOR	
	I	15	4W-4905	1	HOSE AS	
	16	2	5K-3294	1	CLIP (12.7MM ID)	
	C	17	5M-6213	1	PLUG-PIPE (1/4-18 NPTF THD)	
	18	1,2	5P-0537	10	WASHER (2MM THK)	
	19	1,2	5P-8245	4	WASHER-HARD (3MM THK)	
	I	20	5T-4374	1	HOSE AS	
	I	21	5T-4375	1	HOSE AS	
	22	2	6D-3479	1	CLIP (14.29MM ID)	
	23	1	6K-1972	1	ELBOW-FLARED (1/4 NPT)	
	24	2	6N-8659	1	HOSE AS	
	25	2	6V-4589	1	SEAL-O-RING (19.16MM ID)	
	26	2	7C-0372	2	BRACKET	
	27	2	7C-0822	1	TUBE AS	
	28	1	7E-0872	1	BRACKET AS	
	29	2	7K-6482	2	ELBOW	
	C	30	7K-9197	2	ELBOW	
	31	1	8L-6005	1	TEE-PIPE	
	32	2	9N-8471	2	CLAMP-TUBE	
	33	1	9V-8750	4	NUT-FULL (1/4-20 THD)	
	C	34	9X-7206	1	VALVE-SOLENOID	
	C	35	9X-773	2	BOLT (1/2-13X2.25IN)	
	36	1	001-64	2	CONNECTOR-FLARED	
	37	1	003-2142	1	ELBOW	
	38	2	030-7946	2	ELBOW (7/16-20 STR THD)	
	39	2	030-7961		ELBOW	
	40	2	061-7538	2	SEAL-O-RING (7.65 MM ID)	
	41	2	067-6495	1	ELBOW-FLARED	
	42	2	150-1240	1	WITCH AS-PRESSURE	
	2	2	102-8802	1	KIT-RECEPTACLE (2 PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
	2	2	4E-3365	1	WEDGE	
	2	2	81-7992	2	PIN-CONNECTOR	
	43	2	153-7651	1	TUBE AS	
	44	2	153-7652	1	TUBE AS	
	C	45	166-7650	1	CUNIP-PIPER-PLUS	
	C	46	166-7657	1	CONNECTOR-PIPER-PLUS	
	C	47	166-7658	1	GASKET	

B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
I-SEE HOSE FABRICATION GUIDE

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GÉNÉRALITÉS

1. IDENTIFICATION DU MOTEUR

Les moteurs Caterpillar portent des numéros de série et des numéros de version. Dans certains cas, des numéros de modification sont également utilisés. Ces numéros figurent sur la plaque signalétique qui est montée sur le moteur.

Les concessionnaires Caterpillar ont besoin de ces informations pour déterminer les pièces qui ont été incluses sur le moteur lors de son assemblage à l'usine. Ainsi, ils peuvent identifier avec précision les numéros des pièces de rechange.

2. COMMANDES 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.

Partout dans le monde, les concessionnaires Caterpillar offrent des pièces de rechange Caterpillar de qualité. Leurs stocks de pièces sont à jour et comprennent toutes les pièces normalement requises pour protéger votre investissement dans les moteurs Caterpillar. Plusieurs 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, préciser la quantité, le numéro de pièce, la désignation des pièces et le numéro de série/numéro d'identification produit du moteur pour lequel ces pièces sont requises.

NOTA: Ce moteur a été conçu et fabriqué selon une structure de construction systématique qui exige que certains des principaux constituants ou systèmes du moteur soient des pièces montées. Pour déterminer les principaux constituants ou systèmes du moteur, noter le numéro de série du moteur et se renseigner auprès de Technical Marketing Information (TMI) au sujet de la liste des pièces constitutives au moment de l'expédition dans le dossier historique du moteur. La liste des pièces constitutives ne comprend pas les modifications apportées au produit après son départ de l'usine.

3. ORGANISATION DU CATALOGUE DE PIÈCES

Les informations produites de ce manuel sont présentées sous forme "d'éléments d'information" qui représentent la totalité des pièces du modèle particulier. Une version de moteur est un exemple d'élément d'information. Les éléments d'information sont classés alphabétiquement par désignation de pièce ainsi que par numéro de pièce dans chacun des principaux chapitres du manuel.

4. TABLE DES MATIÈRES



La table des matières se trouve au début du manuel. Elle répertorie chaque chapitre du manuel et fournit une liste complète de tous les éléments d'information, qui sont classés tels qu'ils apparaissent dans le manuel. Les numéros de page sont indiqués afin de permettre de se référer rapidement aux illustrations détaillées pour l'identification des pièces et aux listes constitutives remplaçables.

5. INDEX DES PIÈCES D'ENTRETIEN

L'index des pièces d'entretien, qui se trouve vers le début du manuel, renvoie aux numéros des pièces d'entretien les plus fréquemment utilisées, avec la désignation, la quantité, l'utilisation et le numéro de page. Ces informations sont classées alphabétiquement par désignation de pièce.

6. INDEX

L'index qui se trouve au début du manuel est une liste alphabétique de tous les éléments d'information inclus dans le manuel. Les numéros de page sont indiqués afin de permettre de se référer rapidement aux illustrations détaillées pour l'identification des pièces et aux listes de pièces constitutives remplaçables.

7. INDEX DES NUMÉROS DE PIÈCE

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

GÉNÉRALITÉS

8. LÉGENDES

Les légendes qui se trouvent dans le haut de chaque page d'élément d'information identifient le numéro de pièce, la désignation et le(s) niveau(x) de modifications techniques incorporées dans le constituant représenté, et fournissent des renseignements descriptifs supplémentaires. Utiliser le niveau de modification de la liste des pièces constitutives au moment de l'expédition pour déterminer les pièces de rechange appropriées. Des informations sont également fournies au sujet des options de remplacement sur le chantier, de l'identification des pièces montées en option et des ensembles desquels elles font partie.

Nouvelle Caractéristique

La première ligne des légendes est en caractères plus gros afin de signaler qu'il s'agit du début d'un élément d'information. Les légendes des autres pages pouvant être requises pour illustrer un élément d'information apparaissent en caractères normaux et comprennent la mention (*suite*) .

9. PIÈCES NON FOURNIES

Nouvelle Caractéristique

Dans certains cas, il est nécessaire de montrer des pièces non fournies qui constituent un lien vers des listes de pièces constitutives remplaçables de niveau inférieur. Les numéros de ces pièces non fournies apparaissent en *italique* afin de signaler qu'elles ne sont pas disponibles. Les listes de pièces constitutives n'ont pas toutes été converties de manière à refléter cette amélioration.

10. NUMÉROS DE RÉFÉRENCE DES LISTES DE PIÈCES

Nouvelle Caractéristique

Les numéros apparaissant dans la colonne No réf. correspondent aux numéros utilisés dans le(s) graphique(s) connexe(s). Les numéros de référence peuvent également comporter un suffixe alphabétique afin d'identifier des pièces de niveau inférieur dans la liste des pièces constitutives. Les numéros apparaissant dans la colonne Réf. graphique se réfèrent aux numéros d'identification qui se trouvent dans le coin inférieur gauche de chaque illustration. Le numéro de référence graphique peut être utilisé de concert avec le numéro de référence de la pièce pour déterminer le numéro de pièce approprié. Afin de refléter les numéros des pièces remplaçables les plus récents, il est possible qu'un numéro de référence ait été volontairement omis dans une liste de pièces constitutives lors de la mise à jour des informations.

11. DÉSIGNATIONS DE PIÈCES EN RETRAIT

Lorsque la désignation d'une pièce est en retrait dans une liste de pièces, c'est que la pièce fait partie du groupe ou de l'ensemble sous lequel elle figure.

12. LETTRES DE RÉFÉRENCE DES ILLUSTRATIONS

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

13. ABRÉVIATIONS ET SYMBOLES

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

NOTA:

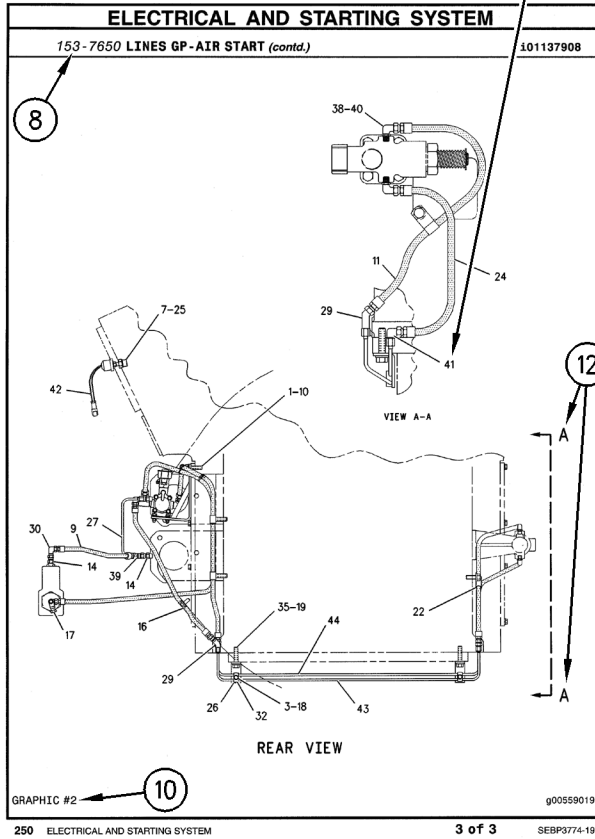
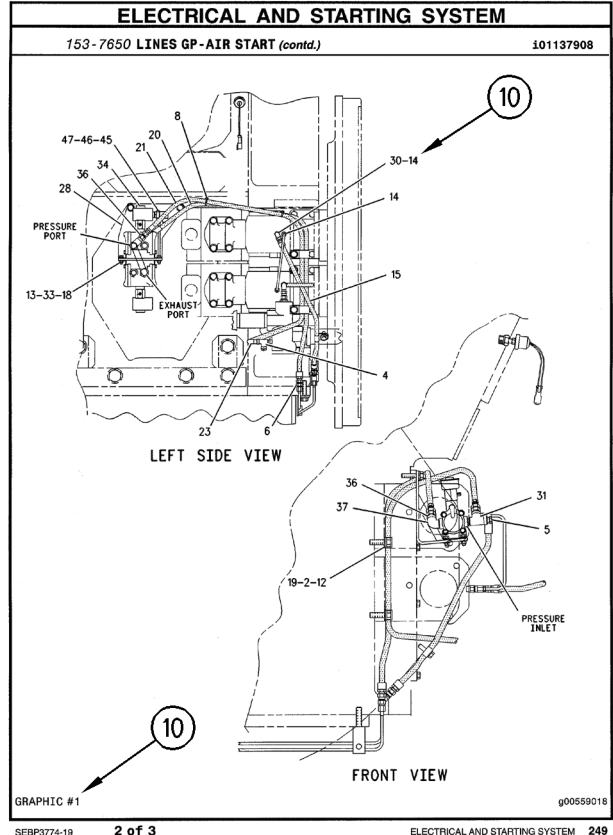
En raison du progrès technique et des améliorations continues apportées au matériel, votre moteur compore peut-être des modifications qui n'apparaissent pas dans la présente publication, veuillez vous adresser à votre concessionnaire Caterpillar qui vous fournira les renseignements les plus récents dont il dispose.

GÉNÉRALITÉS

ELECTRICAL AND STARTING SYSTEM						
153-7650 LINES GP-AIR START (CHG -00 THRU -02,-04)						
S/N 9907598						
SMCS-1451	REF	GRAPHIC	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	2	08-1571	2	BOLT (3/8-16X1.75IN)	
	1		08-1587	2	BOLT (1/2-13X1.75IN)	
	3	2	08-1615	2	BOLT (1/4-20X.75 IN)	
	4	1	29-7325	1	TEE-PIPE	
	5	1	3J-5390	1	PLUG (3/8-18 THD)	
	6	1	3J-7355	1	UNION-FLARED	
	7	2	3P-0764	1	PLUG	
	8	1	3B-2093	2	STRAP-CABLE	
	9	2	3T-3848	1	HOSE AS	
	10	2	3V-3308	2	WASHER (2.5MM THK)	
	11	2	3V-6153	1	HOSE AS	
	12	1	4D-6986	2	CLIP (9/16 HOLE)	
	13	1	4F-7957	4	BOLT (1/4-20X.875IN)	
	14	1,2	4S-6399	5	CONNECTOR	
	15	1	4W-4905	1	HOSE AS	
	16	2	5K-3294	1	CLIP (12.7MM ID)	
	17	2	5M-6213	1	PLUG-PIPE (1/4-18 NPTF THD)	
	18	1,2	5P-0537	10	WASHER (2MM THK)	
	19	1,2	5P-8245	4	WASHER-HARD (3MM THK)	
	20	1	5T-4374	1	HOSE AS	
	21	1	5T-4375	1	HOSE AS	
	22	2	6D-3479	1	CLIP (14.29MM ID)	
	23	1	6K-1972	1	ELBOW-FLARED (1/4 NPT)	
	24	2	6N-8659	1	HOSE AS	
	25	2	6V-4589	1	SEAL-O-RING (19.18MM ID)	
	26	2	7C-0372	2	BRACKET	
	27	2	7C-0822	1	TUBE AS	
	28	1	7E-0872	1	BRACKET AS	
	29	2	7K-6482	2	ELBOW	
	30	1,2	7K-9197	2	ELBOW	
	31	1	8L-6005	1	TEE-PIPE	
	32	2	9H-8471	2	CLAMP-TUBE	
	33	1	9V-8750	4	NUT-FULL (1/4-20 THD)	
	34	1	9X-7206	1	VALVE-SOLENOID	
	35	2	9X-773	2	BOLT (1/2-13X2.25IN)	
	36	1	001-64	2	CONNECTOR-FLARED	
	37	1	003-2142	1	ELBOW	
	38	2	030-7946	2	ELBOW (7/16-20 STR THD)	
	39	2	030-7961		ELBOW	
	40	2	061-7538	2	SEAL-O-RING (7.65 MM ID)	
	41	2	067-6495	1	ELBOW-FLARED	
	42	2	150-1240	1	SWITCH AS-PRESSURE	
	2	2	102-8802	1	KIT-RECEPTACLE (2 PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
	2	2	4E-3365	1	WEDGE	
	2	2	81-779	2	PIN-CONNECTOR	
	43	2	153-7651	1	TUBE AS	
	44	2	153-7652	1	TUBE AS	
	45	1	166-7650	1	CULINATOR-PLUG	
	46	1	166-7657	1	CONNECTOR-KEY	
	47	1	166-7658	1	GASKET	

B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
I-SEE HOSE FABRICATION GUIDE

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INFORMACION GENERAL

1. IDENTIFICACION DEL MOTOR

Los motores Caterpillar están identificados con Números de Serie y Números de Configuración. En algunos casos, se usan también Números de Modificación. La placa del número de serie que muestra estos números está montada en el motor.

Los distribuidores Caterpillar necesitan esta información para determinar qué componentes fueron incluidos en el motor cuando fue montado en la fábrica. Esto permite la identificación precisa de los números de las piezas de repuesto.

2. COMO PEDIR REPUESTOS



ADVERTENCIA

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

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

Las piezas de repuesto Caterpillar de calidad están a la disposición de los distribuidores Caterpillar en todo el mundo. Sus existencias actualizadas incluyen todas las piezas normalmente requeridas para proteger su inversión en Motores 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 de producto del motor para el cual se necesitan estas piezas.

NOTA: Este motor ha sido diseñado y fabricado usando una estructura de producto de construcción positiva, lo cual requiere que algunos de los sistemas o componentes principales sean piezas accesorias. Para determinar los sistemas o componentes principales que forman parte de su motor, anote el número de serie del motor y vea en la TMI (Información de mercadeo técnico) información sobre los componentes embarcados ("As Shipped Consist"), la cual se encuentra en "Engine History Information" (información de antecedentes del motor). La información indicada en "As Shipped Consist" no incluye ninguna modificación efectuada al producto después de haberse salido de la fábrica.

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 del modelo específico. Los elementos de información están organizados primeramente por nombres de piezas en orden alfabético y en segundo lugar, por el número de pieza dentro de cada sección principal del manual.

4. CONTENIDO

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. INDICE DE PIEZAS DE MANTENIMIENTO

Al principio de este manual 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. INDICE

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

7. INDICE NUMERICO DE PIEZAS

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

8. TITULOS

Los títulos ubicados al principio de cada elementos de información identifican el número y el nombre de la pieza, el (los) nivel(es) de cambio de ingeniería del componente, junto con información descriptiva adicional. Use el nivel de cambio indicado en "As Shipped Consist" para determinar las piezas de repuesto apropiadas. También se suministra información sobre las opciones de reparación en el campo, la identificación de componentes de accesorios optativos y el lugar de utilización de la pieza ("es parte de").

INFORMACION GENERAL

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 (*cont.*).

9. PIEZAS QUE NO SE SUMINISTRAN COMO REPUESTO

Nueva Característica

En algunos casos es necesario indicar piezas que no se suministran como repuesto pero que pueden estar conectadas a listas de componentes de otras piezas de repuesto. En tal caso, dichas piezas se muestran en *cursiva* para indicar que no son piezas disponibles. Hay algunas listas de componentes que aún no han sido convertidas para reflejar esta mejora.

10. NUMEROS DE REFERENCIA EN LA LISTA DE PIEZAS

Nueva Característica

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

11. NOMBRES DE PIEZA SANGRADOS

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

12. LETRAS DE REFERENCIA DE ILUSTRACIONES

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

13. ABREVIATURAS Y SIMBOLOS

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

Nueva Característica

14. DESCRIPCIÓN DE LOS CAMBIOS DE TIPO

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

15. <END>

Este símbolo indica el final de un elemento de información.

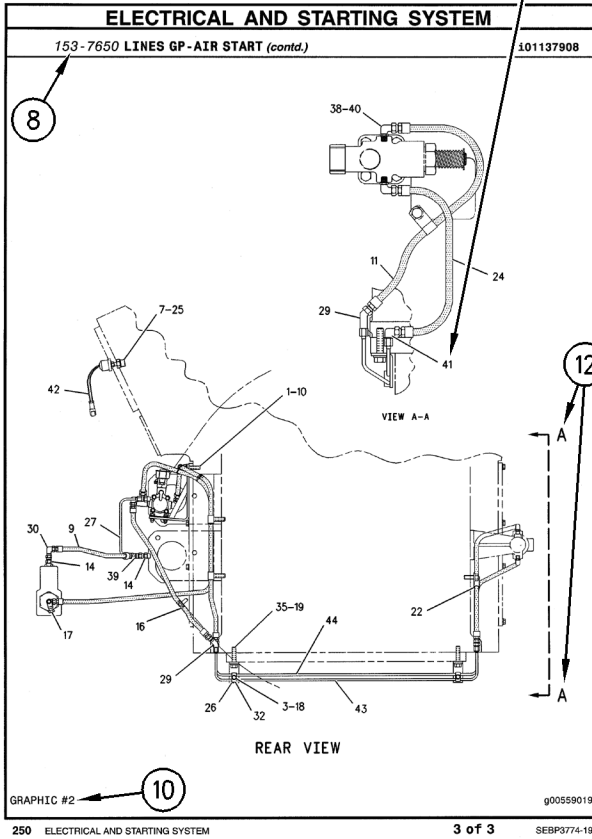
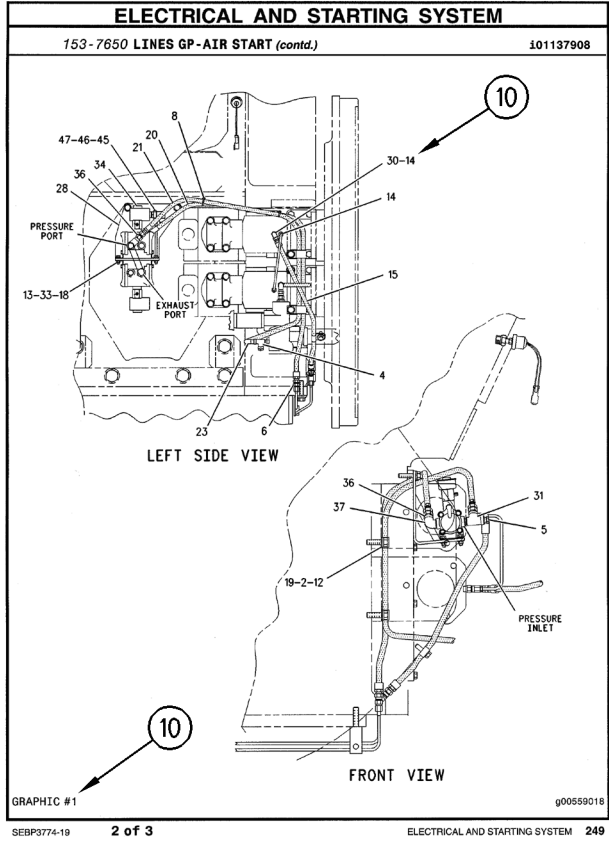
NOTE:

Las continuas mejoras y adelantos en diseño podrían originar cambios a su motor 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.

INFORMACION GENERAL

ELECTRICAL AND STARTING SYSTEM						
153-7650 LINES GP-AIR START (CHG -00 THRU -02,-04)						
S/N 9907598						
SMCS-1451	REF	GRAPHIC	PART NUMBER	QTY	PART NAME	SEE PAGE
	1	2	08-1571	2	BOLT (3/8-16X1.75IN)	
	1		08-1587	2	BOLT (1/2-13X1.75IN)	
	3	2	08-1615	2	BOLT (1/4-20X.75 IN)	
	4	1	29-7322	1	TEE-PIPE	
	5	1	3J-5390	1	PLUG (3/8-18 THD)	
	6	1	3J-7355	1	UNION-FLARED	
	7	2	3P-0764	1	PLUG	
	8	1	3B-2093	2	STRAP-CABLE	
	9	2	3T-3848	1	HOSE AS	
	10	2	3V-3308	2	WASHER (2.5MM THK)	
	11	2	3V-6153	1	HOSE AS	
	12	1	4D-6986	2	CLIP (9/16 HOLE)	
	13	1	4F-7957	4	BOLT (1/4-20X.875IN)	
	14	1,2	4S-6399	5	CONNECTOR	
	15	1	4W-4905	1	HOSE AS	
	16	2	5K-3294	1	CLIP (12.7MM ID)	
	17	2	5M-6213	1	PLUG-PIPE (1/4-18 NPTF THD)	
	18	1,2	5P-0537	10	WASHER (2MM THK)	
	19	1,2	5P-8245	4	WASHER-HARD (3MM THK)	
	20	1	5T-4374	1	HOSE AS	
	21	1	5T-4375	1	HOSE AS	
	22	2	6D-3479	1	CLIP (14.29MM ID)	
	23	1	6K-1972	1	ELBOW-FLARED (1/4 NPT)	
	24	2	6N-8659	1	HOSE AS	
	25	2	6V-4589	1	SEAL-O-RING (19.16MM ID)	
	26	2	7C-0372	2	BRACKET	
	27	2	7C-0822	1	TUBE AS	
	28	1	7E-0872	1	BRACKET AS	
	29	2	7K-6482	2	ELBOW	
	30	1,2	7K-9197	2	ELBOW	
	31	1	8L-6005	1	TEE-PIPE	
	32	2	9N-8471	2	CLAMP-TUBE	
	33	1	9V-8750	4	NUT-FULL (1/4-20 THD)	
	34	1	9X-7206	1	VALVE-SOLENOID	
	35	2	9X-773	2	BOLT (1/2-13X2.25IN)	
	36	1	001-64	2	CONNECTOR-FLARED	
	37	1	003-2142	1	ELBOW	
	38	2	030-7946	2	ELBOW (7/16-20 STR THD)	
	39	2	030-7961		ELBOW	
	40	2	061-7538	2	SEAL-O-RING (7.65 MM ID)	
	41	2	067-6495	1	ELBOW-FLARED	
	42	2	150-1240	1	WITCH AS-PRESSURE	
	2	2	102-8802	1	KIT-RECEPTACLE (2 PIN) (INCLUDES RECEPTACLE AS & WEDGE)	
	2	2	4E-3365	1	WEDGE	
	2	2	81-799	2	PIN-CONNECTOR	
	43	2	153-7651	1	TUBE AS	
	44	2	153-7652	1	TUBE AS	
	45	1	166-7656	1	CONNECTOR-PLUG	
	46	1	166-7657	1	CONNECTOR-KEY	
	47	1	166-7658	1	GASKET	

B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
I-SEE HOSE FABRICATION GUIDE



INFORMAÇÕES GERAIS

1. IDENTIFICAÇÃO DO MOTOR

Os motores Caterpillar são identificados com Números de Série e Números de Arranjo. Em alguns casos, também são usados Números de Modificação. A placa de número de série que mostra estes números está afixada no motor.

Os revendedores da Caterpillar necessitam desta informação para saber quais componentes foram incluídos no motor quando o mesmo foi montado na fábrica. Isto permite a identificação exata dos números de peças de reposição.

2. PEDIDO DE 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.

Os revendedores Caterpillar possuem estoque de peças de reposição Caterpillar de qualidade em todo o mundo. Estes inventários de peças são atualizados e incluem todas as peças normalmente necessárias para proteger o seu investimento em motores Caterpillar. Os revendedores podem lhe oferecer kits de reparo ou peças remanufaturadas para permitir a seleção da alternativa mais eficiente em situações específicas de reparo. Quando solicitar peças, o seu pedido deve mencionar a quantidade, número e nome da peça e também o número de série/Número de Identificação (PIN) do motor para o qual as peças são necessárias.

NOTA: Este motor foi projetado e fabricado utilizando-se uma estrutura positiva de fabricação de produtos, que requer que alguns componentes principais ou sistemas sejam peças acessórias. Para determinar qual componente principal ou sistemas estão presentes em seu motor, copie o número de série do motor e entre em contato com Informações Técnicas de Marketing para saber a lista de componentes, quando do embarque na fábrica através do histórico de informações do motor. A lista de componentes de embarque não refletirá quaisquer modificações feitas no produto após a saída da fábrica.

3. ORGANIZAÇÃO DO MANUAL DE PEÇAS

As informações de produto deste manual estão agrupadas na forma de "elementos de informação" que representam todos os componentes de um modelo específico. Um Arranjo de Motor serve como um exemplo de um elemento de informação. Os elementos de informação estão organizados alfabeticamente por número de peça dentro de cada seção principal deste manual.

4. ÍNDICE

Há um índice nas primeiras páginas deste manual. O índice mostra todas as seções do manual com uma completa lista de todos os elementos de informação organizados da mesma maneira em que aparecem no manual. São informados os números de página para uma referência rápida e detalhada das ilustrações de identificação de peças e listas de peças de reposição.

5. ÍNDICE DE PEÇAS DE MANUTENÇÃO

O Índice de Peças de Manutenção está localizado próximo ao início do manual e indica os números de peças mais frequentemente utilizadas para manutenção, incluindo descrição, quantidade, onde é usada e número da página. Esta informação está organizada em ordem alfabética por descrição de peça.

6. ÍNDICE

O índice, localizado próximo a parte inicial do manual, mostra em ordem alfabética todos elementos de informação contidos neste manual. São informados os números de página para uma referência rápida e detalhada das ilustrações de identificação peças e listas de peças de reposição.

7. ÍNDICE DE NÚMEROS DE PEÇAS

Nas últimas páginas do manual há um índice numérico que mostra todos os números de peças e o(s) número(s) da(s) página(s) correspondente(s).

INFORMAÇÕES GERAIS

8. LEGENDAS

Existem legendas, no topo de cada página de elemento de informação, que identificam o número e o nome de peça junto com os níveis de alterações técnicas da engenharia que foram efetuadas no componente mostrado e outros dados descritivos adicionais. Use a informação de alteração técnica da lista de embarque de fábrica para determinar corretamente as peças de reposição necessárias. Também são fornecidas as opções de reposição no campo, identificação de acessórios opcionais e informações sobre onde é montada a peça ("part of").

A primeira linha de uma legenda é mostrada em letras maiores para indicar o início de um elemento de informação. Legendas para páginas adicionais que podem ser necessárias para ilustrar um elemento de informação são mostradas em letras de tamanho padrão e incluem o termo (*contd.*).

9. PEÇAS NÃO FORNECIDAS COMO REPOSIÇÃO

Em alguns casos é necessário mostrar peças que não são oferecidas como reposição, mas que funcionam como um elo para um nível inferior de peças de reposição. Estes números de peças não disponíveis para venda são mostrados em letras do tipo *itálico* para indicar a indisponibilidade de venda. Todas as listas de componentes não foram convertidas para refletir esta melhoria.

10. NÚMEROS DE REFERÊNCIA DA LISTAGEM DE PEÇAS

Os números mostrados na coluna "Ref No" correspondem aos números usados no(s) gráfico(s) respectivo(s). Um sufixo alfabético pode estar adicionado em um número de referência para identificar os componentes do nível inferior. Os números da coluna "Graphic Ref" referem-se ao identificador de número do gráfico que é mostrado no canto inferior esquerdo de cada ilustração. O número de referência de gráfico pode ser usado em combinação com o item "Ref No" para determinar o número correto de peça. Pode haver a omissão intencional de um número "Ref No" em uma listagem uma vez que estes dados são atualizados para mostrar os números mais recentes de peças de reposição.

11. NOMES DE PEÇAS COM ESPAÇO ENTRE A MARGEM

Quando um nome de peça aparece com espaço entre a margem em uma lista de peças, isto significa que o mesmo é parte do grupo ou do conjunto da peça descrita logo acima.

12. LETRAS DE REFERÊNCIA DE ILUSTRAÇÕES

Quando necessário, as ilustrações aparecem com letras de referência (A, B, C etc.) que têm a finalidade de traçar linhas e ligações de um ponto a outro. Elas também são usadas para indicar onde reunir ilustrações que foram separadas.

13. ABREVIATURAS E SÍMBOLOS

- O.D. – Diâmetro Externo
- I.D. – Diâmetro Interno
- A – Não Faz Parte Deste Grupo
- B – Uso Conforme a Necessidade
- C – Alteração do Tipo Anterior
- D – Pedido por Metro
- E – Pedido por Centímetro
- F – Não Mostrada (o)
- G – Pedido por Polegada
- I – Consultar o Sistema de Informações Hidráulicas
- M – Peça Métrica
- R – Pode Haver Disponibilidade de Uma Peça Remanufaturada
- Y – Ilustração Separada
- Z – Não Fornecida Separadamente para Revenda



14. <END>

Este símbolo indica o final de um elemento de informação.

OBSERVAÇÃO:

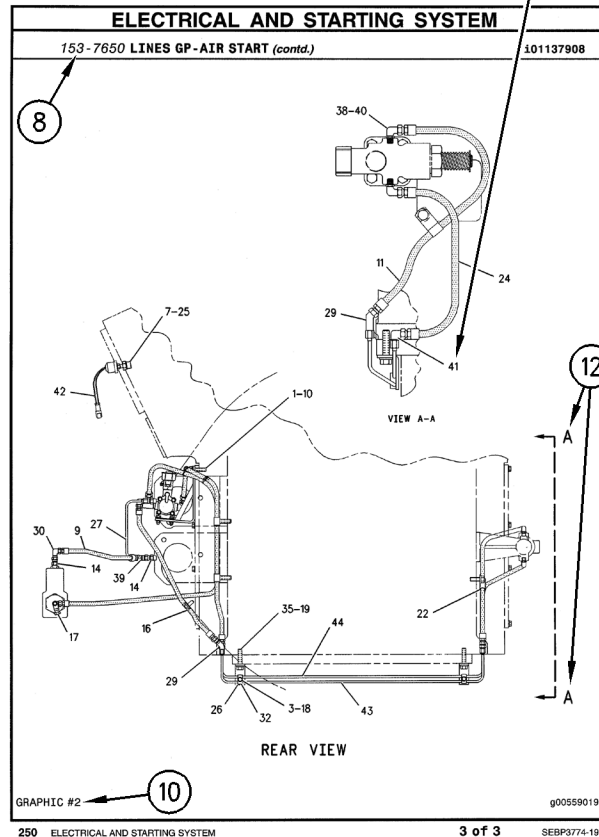
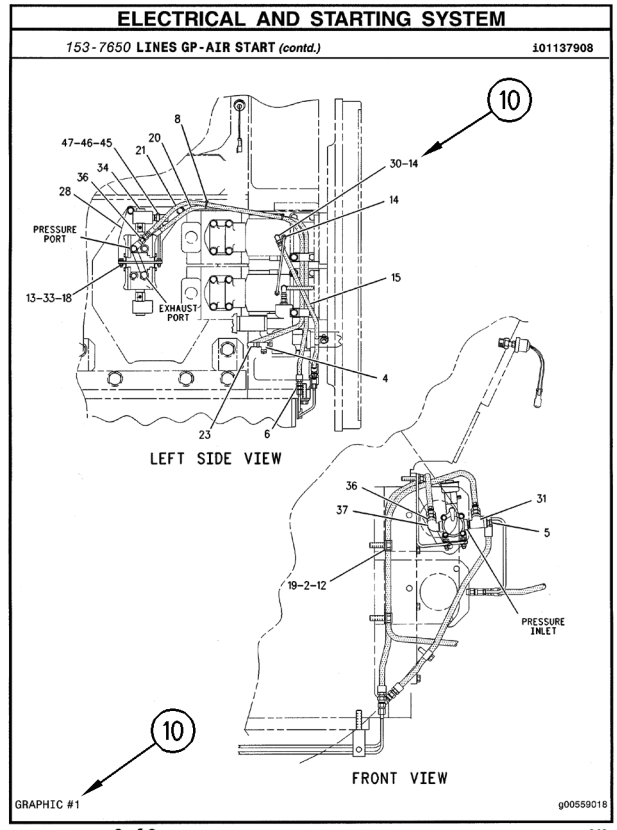
A melhoria contínua e o avanço do projeto de produtos podem ocasionar alterações em seu motor que talvez não estejam incluídas nesta publicação. Sempre que surgirem dúvidas sobre o seu produto Caterpillar ou sobre esta publicação, por favor entre em contato com o seu revendedor Caterpillar para obter as informações mais recentes.

INFORMAÇÕES GERAIS

ELECTRICAL AND STARTING SYSTEM					
153-7650 LINES GP-AIR START (CHG -00 THRU -02,-04)					
S/N 9907598					
SMCS-1451	REF NO	GRAPHIC	PART NUMBER	QTY	PART NAME
	1	2	08-1571	2	BOLT (3/8-16X1.75IN)
	1	1	08-1587	2	BOLT (1/2-13X1.75IN)
	3	2	08-1615	2	BOLT (1/4-20X.75 IN)
	4	1	2P-7322	1	TEE-PIPE
	5	1	3J-5390	1	PLUG (3/8-18 THD)
	6	1	3J-7355	1	UNION-FLARED
	7	2	3P-0764	1	PLUG
	8	1	3B-2093	2	STRAP-CABLE
	9	2	3T-3848	1	HOSE AS
	10	2	3V-3308	2	WASHER (2.5MM THK)
	11	2	3V-6153	1	HOSE AS
	12	1	4D-6986	2	CLIP (9/16 HOLE)
	13	1	4F-7957	4	BOLT (1/4-20X.875IN)
	14	1,2	4S-6399	5	CONNECTOR
	15	1	4W-4905	1	HOSE AS
	16	2	5K-3294	1	CLIP (12.7MM ID)
	17	2	5M-6213	1	PLUG-PIPE (1/4-18 NPTF THD)
	18	1,2	5P-0537	10	WASHER (2MM THK)
	19	1,2	5P-8245	4	WASHER-HARD (3MM THK)
	20	1	5T-4374	1	HOSE AS
	21	1	5T-4375	1	HOSE AS
	22	2	6D-3479	1	CLIP (14.29MM ID)
	23	1	6K-1972	1	ELBOW-FLARED (1/4 NPT)
	24	2	6N-8659	1	HOSE AS
	25	2	6V-4589	1	SEAL-O-RING (19.18MM ID)
	26	2	7C-0372	2	BRACKET
	27	2	7C-0822	1	TUBE AS
	28	1	7E-0872	1	BRACKET AS
	29	2	7K-6862	2	ELBOW
	30	1,2	7K-9197	2	ELBOW
	31	1	8L-6005	1	TEE-PIPE
	32	2	9H-8471	2	CLAMP-TUBE
	33	1	9N-8750	4	NUT-FULL (1/4-20 THD)
	34	1	9A-7206	1	VALVE-SOLENOID
	35	2	9X-6773	2	BOLT (1/2-13X2.25IN)
	36	1	001-641	2	CONNECTOR-FLARED
	37	1	003-2142	1	ELBOW
	38	2	030-7946	2	ELBOW (7/16-20 STR THD)
	39	2	030-7961	1	ELBOW
	40	2	061-7538	2	SEAL-O-RING (7.65 MM ID)
	41	2	067-6495	1	ELBOW-FLARED
	42	2	150-1240	1	SWITCH AS-PRESSURE
	2	2	102-8802	1	KIT-RECEPTACLE (2 PIN) (INCLUDES RECEPTACLE AS & WEDGE)
	2	2	4E-3365	1	WEDGE
	2	2	81-7799	2	PIN-CONNECTOR
	43	2	153-7651	1	TUBE AS
	44	2	153-7652	1	TUBE AS
	45	1	166-7650	1	CULVERTOR-PLUG
	46	1	166-7657	1	CONNECTOR-KEY
	47	1	166-7658	1	GASKET

B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
I-SEE HOSE FABRICATION GUIDE

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ALLGEMEINE HINWEISE

1. MOTORKENNZEICHNUNG

Caterpillar-Motoren sind mit Seriennummern und Ausführungsnummern gekennzeichnet. Einige tragen auch Modifizierungsnummern. Diese Nummern befinden sich auf dem am Motor angebrachten Seriennummernschild.

Caterpillar-Händler benötigen diese Nummern, um festzustellen, welche Bauteile bei der Montage des Motors im Werk verwendet wurden. Nur so können die Bestellnummern der Ersatzteile richtig bestimmt werden.

2. BESTELLEN VON ERSATZTEILEN

WARNUNG

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

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

Caterpillar-Qualitäts-Ersatzteile können bei Caterpillar-Händlern überall auf der Welt bestellt werden. Ihre Ersatzteillager befinden sich auf dem neuesten Stand und enthalten alle Teile, die normalerweise zur Instandhaltung Ihrer Caterpillar-Motoren nötig sind. Einige Händler bieten Reparatursätze und Austauscherteile an, so dass Sie eine Auswahl unter verschiedenen Reparaturmöglichkeiten treffen können. Bei Ersatzteilbestellungen bitte stets Folgendes angeben: Anzahl, ET-Nr., Bezeichnung des Teils, sowie Serien-/PIN-Nr. des Motors, für den die Teile benötigt werden.

BITTE BEACHTEN: Dieser Motor wurde nach einer Methode konstruiert und hergestellt, die es erforderlich macht, dass einige Hauptbauteile und -systeme als Anbauteile gekennzeichnet sind. Um festzustellen, welche Hauptbauteile und -systeme sich an Ihrem Motor befinden, mit Hilfe der Seriennummer am Motor im Technical Marketing Information (TMI) unter Engine History Information die Teilleistungslisten (As Shipped Consist) identifizieren. Diese Listen enthalten jedoch keine Veränderungen, die am Produkt nach der Werksauslieferung vorgenommen wurden.

3. AUFBAU DES PARTS BOOKS

Die Produktinformationen in diesem Buch sind als "Informationselemente" gestaltet, die jeweils alle Bauteile eines bestimmten Modells enthalten. Eine Motorausführung stellt z. B. solch ein "Informationselement" dar. Innerhalb der Hauptabschnitte sind die Informationselemente zunächst alphabetisch nach ET-Bezeichnung und dann nach ET-Nr. geordnet aufgeführt.

4. INHALTSVERZEICHNIS

Das Inhaltsverzeichnis befindet sich vorn im Buch. Es führt die Hauptabschnitte, sowie eine vollständige Liste der Informationselemente in der Reihenfolge auf, in der sie im Buch erscheinen. Zum schnelleren Auffinden von detaillierten Abbildungen zur Teilbestimmung und von Listen lieferbarer Teile sind Seitenzahlen angegeben.

5. INDEX FÜR WARTUNGSTEILE

Der Index für Wartungsteile im vorderen Teil des Buches führt die ET-Nummern der am häufigsten verwendeten Wartungsteile mit Beschreibung, Anzahl, Verwendungszweck und Seitenzahl auf. Diese Informationen sind alphabetisch nach Teilebeschreibung geordnet.

INDEX

Der Index im vorderen Teil des Buches führt alle Informationselemente alphabetisch geordnet auf. Zum schnelleren Auffinden von detaillierten Abbildungen zur Teilbestimmung und von Listen lieferbarer Teile sind Seitenzahlen angegeben.

7. ET-NUMMERN-INDEX

Am Ende des Buches befindet sich eine numerisch geordnete Liste aller ET-Nummern mit den entsprechenden Seitenzahlen.

8. ÜBERSCHRIFTEN

Die Seitenüberschriften der Informationselemente enthalten die ET-Nr., Ersatzteilbezeichnung und Konstruktionsänderungsstufe des betreffenden Ersatzteils, sowie eine Beschreibung. Die Konstruktionsänderungsstufe aus der Auslieferungsteilleiste (As Shipped Consist) dazu verwenden, die richtigen Ersatzteile zu identifizieren. Es sind weiterhin Informationen über Teileersatz vor Ort (sofern möglich), Beschreibungen von Sonderausstattungs-Bauteilen sowie Verwendungsstelle angegeben.

ALLGEMEINE HINWEISE

Die erste Überschriftszeile ist in einer grösseren Schrift gedruckt, um anzuzeigen, dass ein Informationselement beginnt. Wenn sich ein Informationselement über mehrere Seiten erstreckt, sind deren Überschriften in der normalen Schriftgrösse gedruckt und enthalten das Wort (*contd.*) (Fortsetzung).

9. NICHT EINZELN LIEFERBARE TEILE

In einigen Fällen ist es notwendig, nicht einzeln lieferbare Teile, die selbst mit einer eigenen Teileliste im Buch vertreten sind, aufzuführen. Die Bestellnummern dieser nicht einzeln lieferbaren Teile erscheinen *kursiv*, was bedeutet, daß diese nicht lieferbar sind. Noch nicht alle Teilelisten sind auf diese Methode umgestellt.

10. TEILELISTEN-REFERENZNUMMERN



Neu im Parts Manual

Bei den Zahlen in der Spalte "Ref No" handelt es sich um die Referenznummern in den jeweils dazugehörigen Abbildungen. Diese Referenznummern können mit einem Buchstaben versehen sein, was einen Querverweis auf eine eigene Teileliste des betr. Teils bedeutet. Die Zahlen in der Spalte "Graphic Ref" verweisen auf die Identifikationsnummer der Abbildung (in der linken unteren Ecke der Abbildung). Diese Nummer zusammen mit der Referenznummer des Teils zum Ermitteln der richtigen Ersatzteilnummer verwenden. Manchmal sind Referenznummern in Teilelisten absichtlich weggelassen, damit die neuesten ET-Nummern berücksichtigt werden können.

11. EINGERÜCKTE BEZEICHNUNGEN

Wenn eine Teilebezeichnung eingerückt ist, bedeutet dies, dass das Teil zu einer Baugruppe gehört (und mitgeliefert wird), unter deren Bezeichnung es eingerückt ist.

12. REFERENZBUCHSTABEN

Falls erforderlich, enthalten Abbildungen Referenzbuchstaben wie A, B, C usw. zur Kennzeichnung des Verlaufs von Leitungen und Kabelbäumen. Weiterhin werden Referenzbuchstaben dazu verwendet, die Stelle zu markieren, an der getrennt aufgeführte Abbildungen zusammengehören.

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 – Meterweise bestellen
- E – Zentimeterweise bestellen
- F – nicht gezeigt
- G – Zollweise bestellen
- I – siehe Hydraulikinformationssystem
- M – metrisches Teil
- R – werksüberholtes Teil unter Umständen lieferbar
- Y – separate Abbildung
- Z – nicht einzeln lieferbar



Neu im Parts Manual

14. BESCHREIBUNG DER TYPENÄNDERUNGEN

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

15.<END>

Dieses Symbol zeigt das Ende eines Informationselements an.

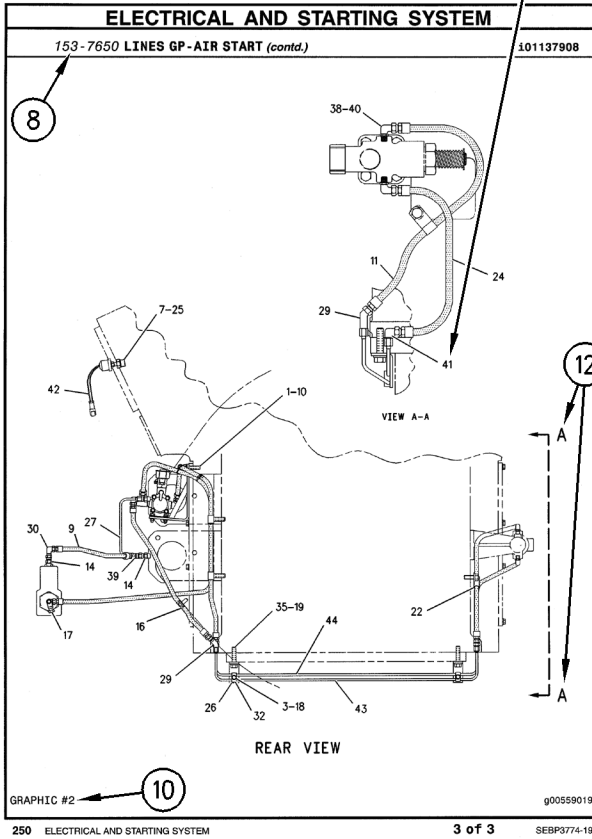
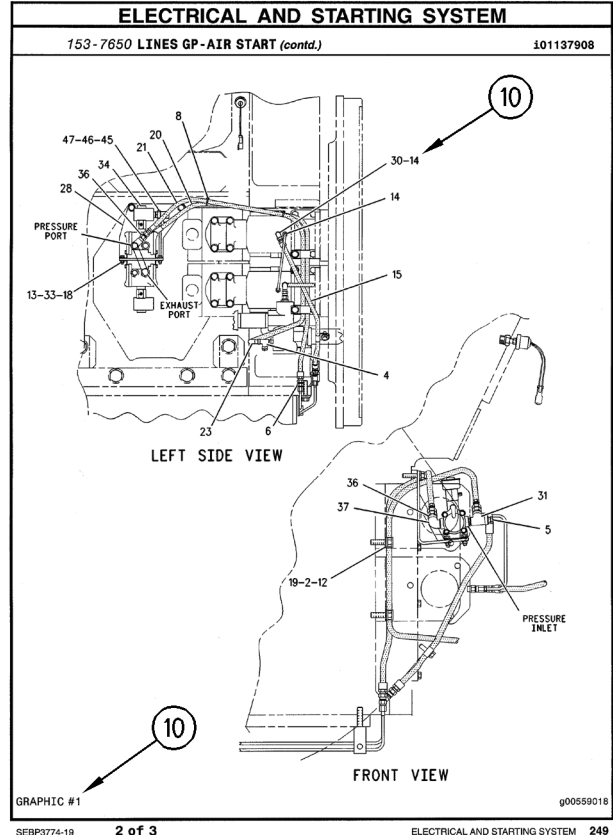
ANMERKUNG:

Ständig vorgenommene Verbesserungen und Weiterentwicklungen unserer Produkte können Änderungen verursachen, die in der vorliegenden Ausgabe noch nicht berücksichtigt sind. Bitte wenden Sie sich bei Fragen zu Ihrem Caterpillar-Motor oder zu dieser Veröffentlichung wegen des neuesten Standes an Ihren Caterpillar-Händler.

ALLGEMEINE HINWEISE

ELECTRICAL AND STARTING SYSTEM						
153-7650 LINES GP-AIR START (CHG -00 THRU -02,-04)						
S/N 9907598						
SMCS-1451	REF	GRAPHIC	PART NUMBER	QTY	PART NAME	SEE PAGE
10	1	2	08-1571	2	BOLT (3/8-16X1.75IN)	8
10	2	1	08-1587	2	BOLT (1/2-13X1.75IN)	8
10	3	2	08-1615	2	BOLT (1/4-20X.75 IN)	8
10	4	1	29-7322	1	TEE-PIPE	8
10	5	1	3J-5390	1	PLUG (3/8-18 THD)	1
10	6	1	3J-7355	1	UNION-FLARED	1
10	7	2	3P-0764	1	PLUG	1
10	8	1	3B-2093	2	STRAP-CABLE	1
10	9	2	3T-3848	1	HOSE AS	1
10	10	2	3V-3308	2	WASHER (2.5MM THK)	1
10	11	2	3V-6153	1	HOSE AS	1
10	12	1	4D-6986	2	CLIP (9/16 HOLE)	1
10	13	1	4F-7957	4	BOLT (1/4-20X.875IN)	1
10	14	1,2	4S-6399	5	CONNECTOR	1
10	15	1	4W-4905	1	HOSE AS	1
10	16	2	5K-3294	1	CLIP (12.7MM ID)	1
10	17	2	5M-6213	1	PLUG-PIPE (1/4-18 NPTF THD)	1
10	18	1,2	5P-0537	10	WASHER (2MM THK)	1
10	19	1,2	5P-8245	4	WASHER-HARD (3MM THK)	1
10	20	1	5T-4374	1	HOSE AS	1
10	21	1	5T-4375	1	HOSE AS	1
10	22	2	6D-3479	1	CLIP (14.29MM ID)	1
10	23	1	6K-1972	1	ELBOW-FLARED (1/4 NPT)	1
10	24	2	6N-8659	1	HOSE AS	1
10	25	2	6V-4589	1	SEAL-O-RING (19.16MM ID)	1
10	26	2	7C-0372	2	BRACKET	1
10	27	2	7C-0822	1	TUBE AS	1
10	28	1	7E-0872	1	BRACKET AS	1
10	29	2	7K-6482	2	ELBOW	1
10	30	1,2	7K-9197	2	ELBOW	1
10	31	1	8L-6005	1	TEE-PIPE	1
10	32	2	9N-8471	2	CLAMP-TUBE	1
10	33	1	9V-8750	4	NUT-FULL (1/4-20 THD)	1
10	34	1	9X-7206	1	VALVE-SOLENOID	1
10	35	2	9X-773	2	BOLT (1/2-13X2.25IN)	1
10	36	1	001-64	2	CONNECTOR-FLARED	1
10	37	1	003-2142	1	ELBOW	1
10	38	2	030-7946	2	ELBOW (7/16-20 STR THD)	1
10	39	2	030-7961	2	ELBOW	1
10	40	2	061-7538	2	SEAL-O-RING (7.65 MM ID)	1
10	41	2	067-6495	1	ELBOW-FLARED	1
10	42	2	150-1240	1	SWITCH AS-PRESSURE	1
10	43	2	102-8802	1	KIT-RECEPTACLE (2 PIN) (INCLUDES RECEPTACLE AS & WEDGE)	1
10	44	2	4E-3365	1	WEDGE	1
10	45	2	81-7992	2	PIN-CONNECTOR	1
10	46	2	153-7651	1	TUBE AS	1
10	47	2	153-7652	1	TUBE AS	1
10	48	1	166-7650	1	CONNECTOR-PLUG	1
10	49	1	166-7657	1	CONNECTOR-KEY	1
10	50	1	166-7658	1	GASKET	1

B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
I-SEE HOSE FABRICATION GUIDE



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

MAINTENANCE PARTS

DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE
AIR INLET AND EXHAUST SYSTEM				
FILTER ELEMENT AS-AIR (PRIMARY)	269 - 7041	1	AIR CLEANER GP	174
		1	AIR CLEANER GP	176
		1	AIR CLEANER GP	180
		1	AIR CLEANER GP	181
FILTER ELEMENT AS-AIR (SECONDARY)	280 - 4180	1	AIR CLEANER GP	175
	281 - 7246	1	AIR CLEANER GP	176
		1	AIR CLEANER GP	180
BASIC ENGINE				
CAP AS-FILLER (ENGINE OIL)	227 - 4531	1	COVER GP-VALVE MECHANISM	18
SCREEN AS-SUCTION (OIL)	243 - 6440	1	PAN GP-OIL	71
SEAL-INTEGRAL (CYLINDER HEAD)	254 - 6147 279 - 6080	1	CYLINDER HEAD GP	30
		1	CYLINDER HEAD GP	31
		1	CYLINDER HEAD GP	37
		1	CYLINDER HEAD GP	40
SEAL-INTEGRAL (VALVE MECHANISM)	242 - 4100	1	LIFTER GP-VALVE	65
SEAL (VALVE COVER)	248 - 7687	1	COVER GP-VALVE MECHANISM	17
		1	COVER GP-VALVE MECHANISM	18
		1	COVER GP-VALVE MECHANISM	19
V-BELT (ALTERNATOR)	100 - 3725	1	MOUNTING GP-ALTERNATOR	68
COOLING SYSTEM				
FILTER (WATER PUMP)	4N - 5834	2	PUMP GP-WATER	165
FILTER-WATER PUMP	136 - 3742	1	PUMP GP-WATER	166
ELECTRICAL AND STARTING SYSTEM				
CIRCUIT BREAKER AS (10-AMPERE)	128 - 8065	1	STRIP GP-TERMINAL	428
CIRCUIT BREAKER AS (40-AMPERE)	171 - 2205	1	BOX GP-JUNCTION	299
		1	CIRCUIT BREAKER GP	327
		1	CIRCUIT BREAKER GP	328
		1	BOX GP-JUNCTION	298
CIRCUIT BREAKER AS (80-AMPERE)	171 - 2210	1	BOX GP-JUNCTION	299
		1	WIRING GP-JACKET WATER HEATER	481
CIRCUIT-BREAKER (50-AMPERE)	194 - 4449	1	WIRING GP-JACKET WATER HEATER	481
FUSE (0.1-AMPERE)	252 - 7496	3	STRIP GP-TERMINAL	428
FUSE (10-AMPERE)	155 - 8755	3	STRIP GP-TERMINAL	428
FUSE (2-AMPERE)	8D - 8724	1	STRIP GP-TERMINAL	430
		1	STRIP GP-TERMINAL	433
		1	STRIP GP-TERMINAL	435
KEY (BATTERY DISCONNECT)	8H - 5306	1	BOX GP-JUNCTION	299
		1	SWITCH GP-DISCONNECT	438
LAMP (24-VOLT) (CLEAR)	7N - 5876	1	CONTROL GP-ELECTRONIC	336
FUEL SYSTEM				
ELEMENT AS-FUEL	264 - 7727	1	FILTER GP-SECONDARY FUEL	225
ELEMENT AS (FUEL, WATER SEPARATOR)	264 - 7726	1	FILTER GP-WATER SEP & FUEL	229

MAINTENANCE PARTS

DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE
LUBRICATION SYSTEM				
BREATHER AS (CRANKCASE)	276-2724	2	BREATHER GP	87
CAP AS-FILLER (ENGINE OIL)	7L-4447	1	FILLER GP-ENGINE OIL	88
ELEMENT AS-FILTER (ADVANCED EFFICIENCY)	1G-8878	1	FILTER GP-ENGINE OIL	89
ELEMENT AS-OIL FILTER	249-2340	3	FILTER GP-ENGINE OIL	90
		3	FILTER GP-ENGINE OIL	92
STRAINER AS (ENGINE OIL)	2G-6304	1	PUMP GP-PRELUBRICATION	107
PRIME PACKAGE				
ELEMENT AS-OIL FILTER	249-2340	3	FILTER GP-OIL	650

PIÈCES DE RECHANGE

DESCRIPTION	NUMÉRO DE PIÈCES	QTÉ	DOMAINE D'APPLICATION	PAGE
CIRCUIT DE CARBURANT				
*ELEMENT AS-FUEL	264 - 7727	1	FILTRE À CARBURANT SECONDAIRE (ASS)	225
ELEMENT (ENS) (SÉPARATEUR D'EAU)	264 - 7726	1	FILTRE DE SÉPARATEUR D'EAU ET DE CARBURANT (ASS)	229
CIRCUIT DE GRAISSAGE				
BOUCHON DE GOULOTTE DE REMPLISSAGE (ENS) (HUILE MOTEUR)	7L - 4447	1	BOUCHON DE REMPLISSAGE D'HUILE MOTEUR (ASS)	88
CREPINE (ENS) (HUILE MOTEUR)	2G - 6304	1	POMPE DE PRÉGRAISSAGE (ASS)	107
ÉLÉMENT DE FILTRE À HUILE (ENS)	249 - 2340	3	FILTRE À HUILE MOTEUR (ASS)	90
		3	FILTRE À HUILE MOTEUR (ASS)	92
ÉLÉMENT DE FILTRE (ENS) (EFFICACITÉ AVANCÉE)	1G - 8878	1	FILTRE À HUILE MOTEUR (ASS)	89
RENIFLARD (ENS) (CARTER)	276 - 2724	2	RENIFLARD (ASS)	87
CIRCUIT DE REFROIDISSEMENT				
FILTRE DE POMPE À EAU	136 - 3742	1	POMPE A EAU (ASS)	166
FILTRE (POMPE À EAU)	4N - 5834	2	POMPE A EAU (ASS)	165
CIRCUIT ELECTRIQUE ET DE DEMARRAGE				
AMPOULE (24 VOLTS) (EFFACEMENT)	7N - 5876	1	COMMANDE ELECTRONIQUE DE BOITE (ASS)	336
CLÉ (COUPE-BATTERIE)	8H - 5306	1	COFFRE DE BRANCHEMENT	299
		1	ROBINET DE BATTERIE (ASS)	438
DISJONCTEUR (ENS) (10A)	128 - 8065	1	BANDE A BORNES (ASS)	428
DISJONCTEUR (ENS) (40-AMPÈRES)	171 - 2205	1	COFFRE DE BRANCHEMENT	299
		1	DISJONCTEUR (ASS)	327
		1	DISJONCTEUR (ASS)	328
DISJONCTEUR (ENS) (80A)	171 - 2210	1	COFFRE DE BRANCHEMENT	299
		1	COFFRE DE BRANCHEMENT	298
DISJONCTEUR (32-AMPÈRES)	194 - 4449	1	CABLAGE - RÉCHAUFFEUR D'EAU DES CHEMISES (ASS)	481
FUSIBLE (*0.1-AMPERE)	252 - 7496	3	BANDE A BORNES (ASS)	428
FUSIBLE (10A)	155 - 8755	3	BANDE A BORNES (ASS)	428
FUSIBLE (2A)	8D - 8724	1	BANDE A BORNES (ASS)	430
		1	BANDE A BORNES (ASS)	433
		1	BANDE A BORNES (ASS)	435
EMBALLAGE PRINCIPAL				
ÉLÉMENT DE FILTRE À HUILE (ENS)	249 - 2340	3	FILTRE A HUILE (ASS)	650

* TRADUCTION NON DISPONIBLE AU MOMENT DE LA PUBLICATION

PIÈCES DE RECHANGE

DESCRIPTION	NUMÉRO DE PIÈCES	QTÉ	DOMAINE D'APPLICATION	PAGE
MOTEUR				
BOUCHON DE GOULOTTE DE REMPLISSAGE (ENS) (HUILE MOTEUR)	227 - 4531	1	CACHE-SOUPAPES (ASS)	18
BOURRELET D'ÉTANCHÉITÉ (CACHE-SOUPAPES)	248 - 7687	1	CACHE-SOUPAPES (ASS)	17
		1	CACHE-SOUPAPES (ASS)	18
		1	CACHE-SOUPAPES (ASS)	19
COURROIE TRAPEZOIDALE (ALTERNATEUR)	100 - 3725	1	MONTAGE D'ALTERNATEUR (ASS)	68
FILTRE ASPIRANT (HUILE)	243 - 6440	1	HUILE MOTEUR - CARTER (ASS)	71
JOINT INTÉGRÉ (CULASSE)	254 - 6147	1	CULASSE (ASS)	30
	279 - 6080	1	CULASSE (ASS)	31
		1	CULASSE (ASS)	37
		1	CULASSE (ASS)	40
JOINT INTÉGRÉ (CULBUTERIE)	242 - 4100	1	POUSSOIR DE SOUPAPE (ASS)	65
SYSTEME D'ÉCHAPPEMENT ET D'ADMISSION D'AIR				
ÉLÉMENT DE FILTRE À AIR (ENS) (PRINCIPAL)	269 - 7041	1	FILTRE A AIR (ASS)	174
		1	FILTRE A AIR (ASS)	176
	280 - 4180	1	FILTRE A AIR (ASS)	175
	269 - 7041	1	FILTRE A AIR (ASS)	180
		1	FILTRE A AIR (ASS)	181
ÉLÉMENT DE FILTRE À AIR (ENS) (SECONDAIRE)	281 - 7246	1	FILTRE A AIR (ASS)	176
		1	FILTRE A AIR (ASS)	180

* TRADUCTION NON DISPONIBLE AU MOMENT DE LA PUBLICATION

PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
MOTOR BÁSICO				
CORREA TRAPEZOIDAL (ALTERNADOR)	100-3725	1	MONTAJE DEL ALTERNADOR (GR)	68
REJILLA DE SUCCION (ACEITE)	243-6440	1	CÁRTER - COLECTOR DEL (GR)	71
SELLO, INTEGRAL (CULATA DEL CILINDRO)	254-6147	1	CULATA DE CILINDROS (GR)	30
	279-6080	1	CULATA DE CILINDROS (GR)	31
		1	CULATA DE CILINDROS (GR)	37
		1	CULATA DE CILINDROS (GR)	40
SELLO, INTEGRAL (MECANISMO DE VALVULA)	242-4100	1	VÁLVULA DE LEVANTAMIENTO (GR)	65
SELLO (TAPA DE VÁLVULA)	248-7687	1	TAPA DEL MECANISMO DE VÁLVULAS (GR)	17
		1	TAPA DEL MECANISMO DE VÁLVULAS (GR)	18
		1	TAPA DEL MECANISMO DE VÁLVULAS (GR)	19
TAPA DE LLENADO (CONJ) (ACEITE DE MOTOR)	227-4531	1	TAPA DEL MECANISMO DE VÁLVULAS (GR)	18
PAQUETE PRINCIPAL				
ELEMENTO DE FILTRO DE ACEITE (CONJ)	249-2340	3	FILTRO DE ACEITE (GR)	650
SISTEMA DE ADMISION DE AIRE Y ESCAPE				
ELEMENTO DEL FILTRO DE AIRE (CONJ) (PRIMARIO)	269-7041	1	FILTRO DE AIRE (GR)	174
		1	FILTRO DE AIRE (GR)	176
		1	FILTRO DE AIRE (GR)	180
		1	FILTRO DE AIRE (GR)	181
	280-4180	1	FILTRO DE AIRE (GR)	175
ELEMENTO DEL FILTRO DE AIRE (CONJ) (SECUNDARIO)	281-7246	1	FILTRO DE AIRE (GR)	176
		1	FILTRO DE AIRE (GR)	180
SISTEMA DE COMBUSTIBLE				
*ELEMENT AS-FUEL	264-7727	1	FILTRO SECUNDARIO DE COMBUSTIBLE (GR)	225
ELEMENTO (CONJ) (SEPARADOR DE COMBUSTIBLE, AGUA)	264-7726	1	FILTRO DE COMBUSTIBLE Y SEPARADOR DE AGUA (GR)	229
SISTEMA DE ENFRIAMIENTO				
FILTRO (BOMBA DE AGUA)	4N-5834	2	BOMBA DE AGUA (GR)	165
FILTRO DE LA BOMBA DE AGUA	136-3742	1	BOMBA DE AGUA (GR)	166

* NO HAY TRADUCCION DISPONIBLE EN EL MOMENTO DE LA IMPRESION

PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
SISTEMA DE LUBRICACIÓN				
COLADOR (CONJ) (ACEITE DEL MOTOR)	2G-6304	1	BOMBA DE PRELUBRICACION (GR)	107
CONJUNTO DE ELEMENTO DE FILTRO (*ADVANCED EFFICIENCY)	1G-8878	1	FILTRO DE ACEITE DEL MOTOR (GR)	89
ELEMENTO DE FILTRO DE ACEITE (CONJ)	249-2340	3	FILTRO DE ACEITE DEL MOTOR (GR)	90
RESPIRADERO (CONJ) (CÁRTER DEL MOTOR)	276-2724	2	FILTRO DE ACEITE DEL MOTOR (GR) RESPIRADERO (GR)	92 87
TAPA DE LLENADO (CONJ) (ACEITE DE MOTOR)	7L-4447	1	TUBO DE LLENADO DE ACEITE (GR)	88
SISTEMA ELECTRICO Y DE ARRANQUE				
DISYUNTOR (CONJ) (10-AMPERIOS)	128-8065	1	TIRA DE TERMINALES (GR)	428
DISYUNTOR (CONJ) (40 AMPERIOS)	171-2205	1	CAJA DE EMPALMES (GR)	299
		1	DISYUNTOR DE CIRCUITO (GR)	327
		1	DISYUNTOR DE CIRCUITO (GR)	328
DISYUNTOR (CONJ) (80 AMPERIOS)	171-2210	1	CAJA DE EMPALMES (GR)	298
		1	CAJA DE EMPALMES (GR)	299
DISYUNTOR DE CIRCUITO (50 AMPERIOS)	194-4449	1	CABLES DEL CALENTADOR DE AGUA DE LAS CAMISAS (GR)	481
FUSIBLE (0.1-AMPÉRIOS)	252-7496	3	TIRA DE TERMINALES (GR)	428
FUSIBLE (10-AMPERIOS)	155-8755	3	TIRA DE TERMINALES (GR)	428
FUSIBLE (2-AMPERIOS)	8D-8724	1	TIRA DE TERMINALES (GR)	430
		1	TIRA DE TERMINALES (GR)	433
		1	TIRA DE TERMINALES (GR)	435
LÁMPARA (24 VOLTIOS) (SERVICIO)	7N-5876	1	CONTROL ELECTRÓNICO (GR)	336
LLAVE (INTERRUPTOR GENERAL)	8H-5306	1	CAJA DE EMPALMES (GR)	299
		1	DISYUNTOR (GR)	438

* NO HAY TRADUCCION DISPONIBLE EN EL MOMENTO DE LA IMPRESION

PEÇAS DE MANUTENÇÃO

DESCRIÇÃO	NÚMERO DE PEÇA	QUANT	UTILIZADA EM	PÁGINA
GRUPO PRINCIPAL				
ELEMENTO-FILTRO DE ÓLEO	249-2340	3	FILTRO - ÓLEO	650
MOTOR BÁSICO				
CORREIA EM V (ALTERNADOR)	100-3725	1	MONTAGEM - ALTERNADOR	68
RETENTOR INTEGRAL (CABEÇOTE)	254-6147	1	CABEÇOTE DO MOTOR	30
	279-6080	1	CABEÇOTE DO MOTOR	31
		1	CABEÇOTE DO MOTOR	37
		1	CABEÇOTE DO MOTOR	40
		1	CABEÇOTE DO MOTOR	40
RETENTOR INTEGRAL (MECANISMO DE VÁLVULA)	242-4100	1	TUCHO DA VÁLVULA	65
RETENTOR (TAMPA DA VÁLVULA)	248-7687	1	TAMPA - MECANISMO DAS VÁLVULAS	17
		1	TAMPA - MECANISMO DAS VÁLVULAS	18
		1	TAMPA - MECANISMO DAS VÁLVULAS	19
TAMPA - BOCAL DE ENCHIMENTO (ÓLEO DO MOTOR)	227-4531	1	TAMPA - MECANISMO DAS VÁLVULAS	18
TELA FILTRANTE DE SUÇÃO (ÓLEO)	243-6440	1	CÁRTER DO ÓLEO DO MOTOR	71
POSIÇÃO DE MARCHA À RÉ, INDICADOR DE FALHA				
CHAVE (DESCONEXÃO DA BATERIA)	8H-5306	1	CAIXA DE JUNÇÃO	299
		1	CHAVE GERAL	438
DISJUNTOR AUTOMÁTICO DE CIRCUITO (10 AMPERES)	128-8065	1	BLOCO DE TERMINAIS	428
DISJUNTOR AUTOMÁTICO DE CIRCUITO (40 AMPÈRES)	171-2205	1	CAIXA DE JUNÇÃO	299
		1	INTERRUPTOR - CIRCUITO	327
DISJUNTOR AUTOMÁTICO DE CIRCUITO (80 AMPERES)	171-2210	1	INTERRUPTOR - CIRCUITO	328
		1	CAIXA DE JUNÇÃO	298
		1	CAIXA DE JUNÇÃO	299
DISJUNTOR (50 AMPÈRES)	194-4449	1	CABOS/FIOS ELÉTRICOS - AQUECEDOR DE ÁGUA DO MOTOR	481
		1	CAIXA DE JUNÇÃO	299
FUSÍVEL (0,1 AMPÈRE)	252-7496	3	BLOCO DE TERMINAIS	428
FUSÍVEL (10 AMPERES)	155-8755	3	BLOCO DE TERMINAIS	428
FUSÍVEL (2-AMPERES)	8D-8724	1	BLOCO DE TERMINAIS	430
		1	BLOCO DE TERMINAIS	433
		1	BLOCO DE TERMINAIS	435
		1	BLOCO DE TERMINAIS	435
		1	BLOCO DE TERMINAIS	435
LÂMPADA (24 VOLTS) (APAGAR)	7N-5876	1	CONTROLE ELETRÔNICO	336
SISTEMA DE ADMISSÃO E ESCAPE				
ELEMENTO DO FILTRO DE AR (PRIMÁRIO)	269-7041	1	PURIFICADOR DE AR	174
		1	PURIFICADOR DE AR	176
		1	PURIFICADOR DE AR	180
		1	PURIFICADOR DE AR	181
		1	PURIFICADOR DE AR	175
ELEMENTO DO FILTRO DE AR (SECUNDÁRIO)	280-4180	1	PURIFICADOR DE AR	175
	281-7246	1	PURIFICADOR DE AR	176
		1	PURIFICADOR DE AR	180
SISTEMA DE ARREFECIMENTO				
FILTRO - BOMBA DE ÁGUA	136-3742	1	BOMBA DE ÁGUA	166
FILTRO (BOMBA D'ÁGUA)	4N-5834	2	BOMBA DE ÁGUA	165

PEÇAS DE MANUTENÇÃO

DESCRIÇÃO	NÚMERO DE PEÇA	QUANT	UTILIZADA EM	PÁGINA
SISTEMA DE COMBUSTÍVEL				
ELEMENTO - COMBUSTIVEL	264 - 7727	1	FILTRO SECUNDÁRIO DE COMBUSTÍVEL	225
ELEMENTO (SEPARADOR DE ÁGUA E COMBUSTÍVEL)	264 - 7726	1	FILTRO DE COMBUSTÍVEL E SEPARADOR DE ÁGUA	229
SISTEMA DE LUBRIFICAÇÃO				
ELEMENTO FILTRANTE (EFICIÊNCIA AVANÇADA)	1G - 8878	1	FILTRO - ÓLEO DO MOTOR	89
ELEMENTO-FILTRO DE ÓLEO	249 - 2340	3	FILTRO - ÓLEO DO MOTOR	90
		3	FILTRO - ÓLEO DO MOTOR	92
RESPIRO (CÁRTER DO MOTOR)	276 - 2724	2	RESPIRO	87
TAMPA - BOCAL DE ENCHIMENTO (ÓLEO DO MOTOR)	7L - 4447	1	BOCAL DE ENCHIMENTO DE ÓLEO DO MOTOR	88
TELA FILTRANTE (ÓLEO DO MOTOR)	2G - 6304	1	BOMBA DE PRÉ-LUBRIFICAÇÃO	107

WARTUNGSTEILE

BESCHREIBUNG	ERSATZTEIL- NUMMER	MENGE	VERWENDET IN	SEITE
ELEKTRISCHE ANLAGE UND STARTSYSTEM				
LEUCHTE (24 V) (LÖSCHEN)	7N-5876	1	STEUERUNG, ELEKTRON.	336
SCHLÜSSEL (ELEKTRISCHER HAUPTSCHALTER)	8H-5306	1	ABZWEIGKASTEN	299
SCHUTZSCHALTER (50 A)	194-4449	1	TRENNSCHALTER UMLAUFWASSERHEIZUNGSVER- DRAHTUNG	438 481
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* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN

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MEMORANDA

ENGINE ARRANGEMENT

239-2330 ENGINE AR

S/N: WYB1-UP

RATED SPEED 1800-RPM

SMCS - 1000

i02472632

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	239-2355	1	ENGINE AR-CORE						2

PLEASE USE THE GASKET KIT LINK IN SIS OR
CONTACT YOUR LOCAL DEALER FOR THE LATEST
GASKET KIT INFORMATION

Y-SEPARATE ILLUSTRATION

ENGINE ARRANGEMENT

239-2355 ENGINE AR-CORE

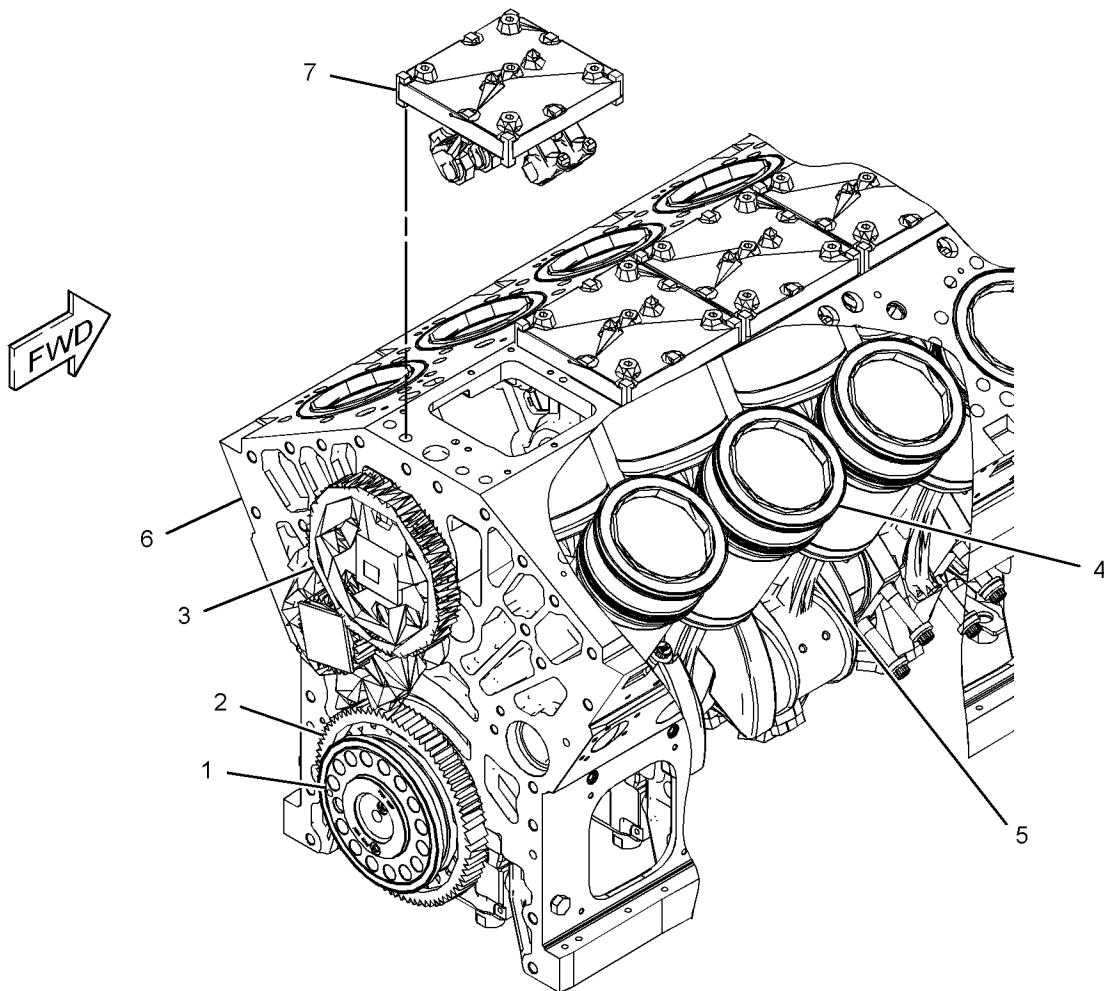
S/N: WYB1-UP

SMCS-1000

i02450284

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	285-3719	1	CRANKSHAFT GP						20
Y	2	1	248-4115	1	SEAL GP-CRANKSHAFT						83
Y	3	1	254-2074	1	GEAR GP-REAR						57
Y	4	1	286-4564	16	KIT-CYLINDER LINER						649
Y	5	1	283-1671	16	CONNECTING ROD GP						6
Y	6	1	283-9344	1	CYLINDER BLOCK GP						24
Y	7	1	283-9354	8	LIFTER GP-VALVE						65

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01223845

BASIC ENGINE

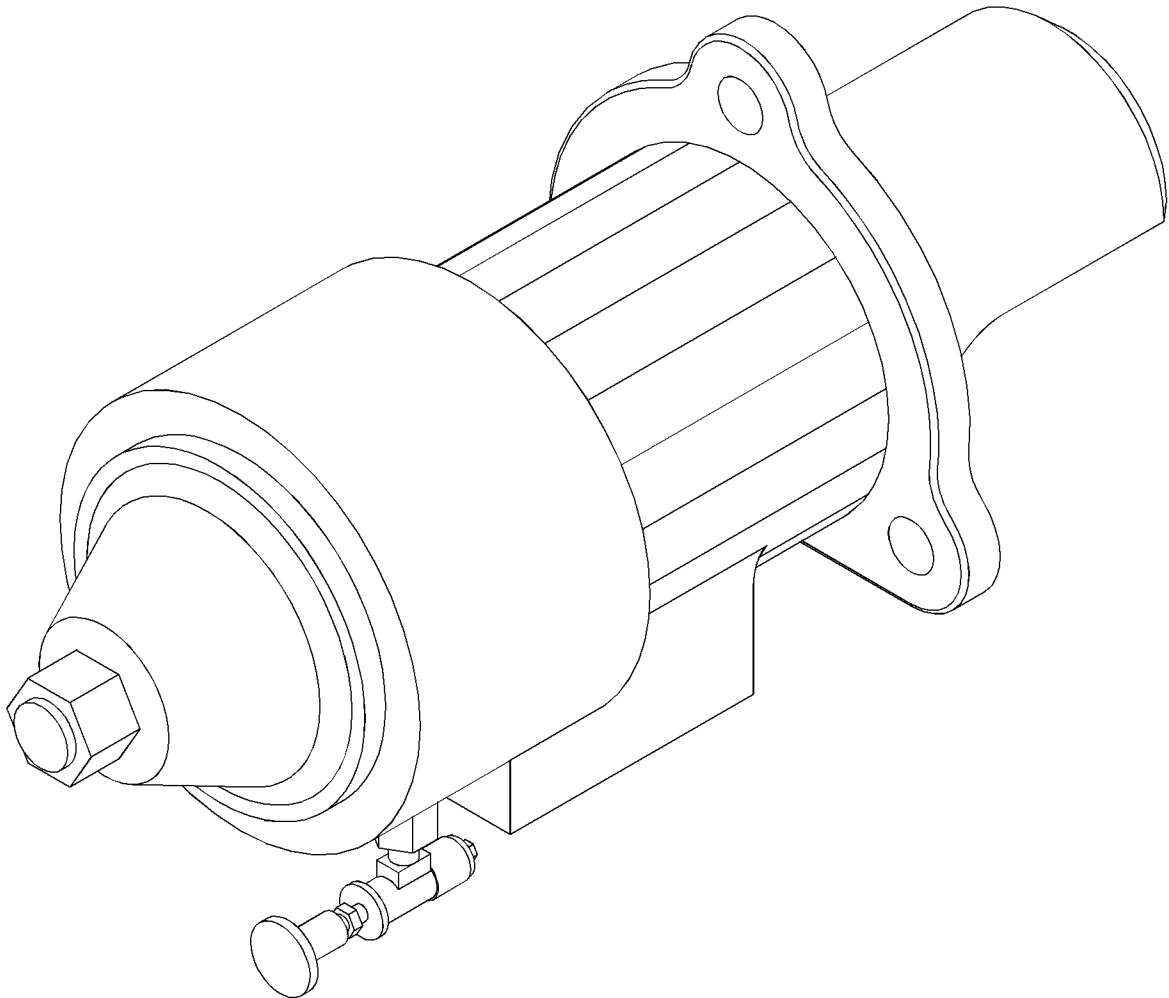
275-7906 BARRING GP

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1235

i02495812

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
					SERVICEABLE PARTS IDENTIFICATION FOR THIS GROUP WAS NOT AVAILABLE AT TIME OF THIS PUBLICATION.	
					REFER TO THE SERVICE INFORMATION SYSTEM (SIS) FOR THE LATEST AVAILABLE PARTS INFORMATION.	



GRAPHIC #1

<END>

g01249540

BASIC ENGINE

279-3473 BARRING GP

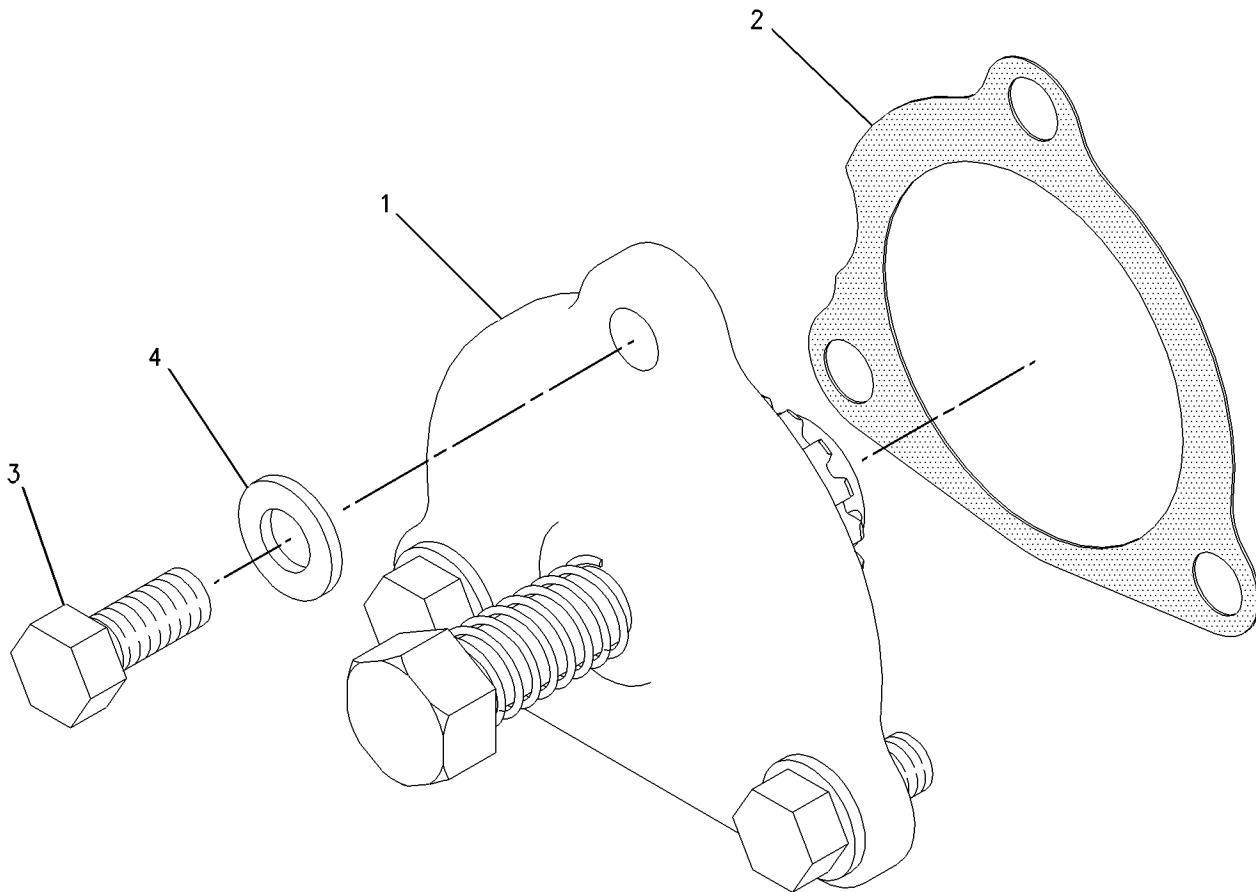
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1235

i02441301

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	275-7905	1	TOOL - BARRING						
	2	1	4H-7869	1	GASKET						
M	3	1	6V-5844	3	BOLT (M16X2X35-MM)						
	4	1	9X-8268	3	WASHER (17.5X30X3.5-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g00919720

BASIC ENGINE

274-7725 CAMSHAFT GP

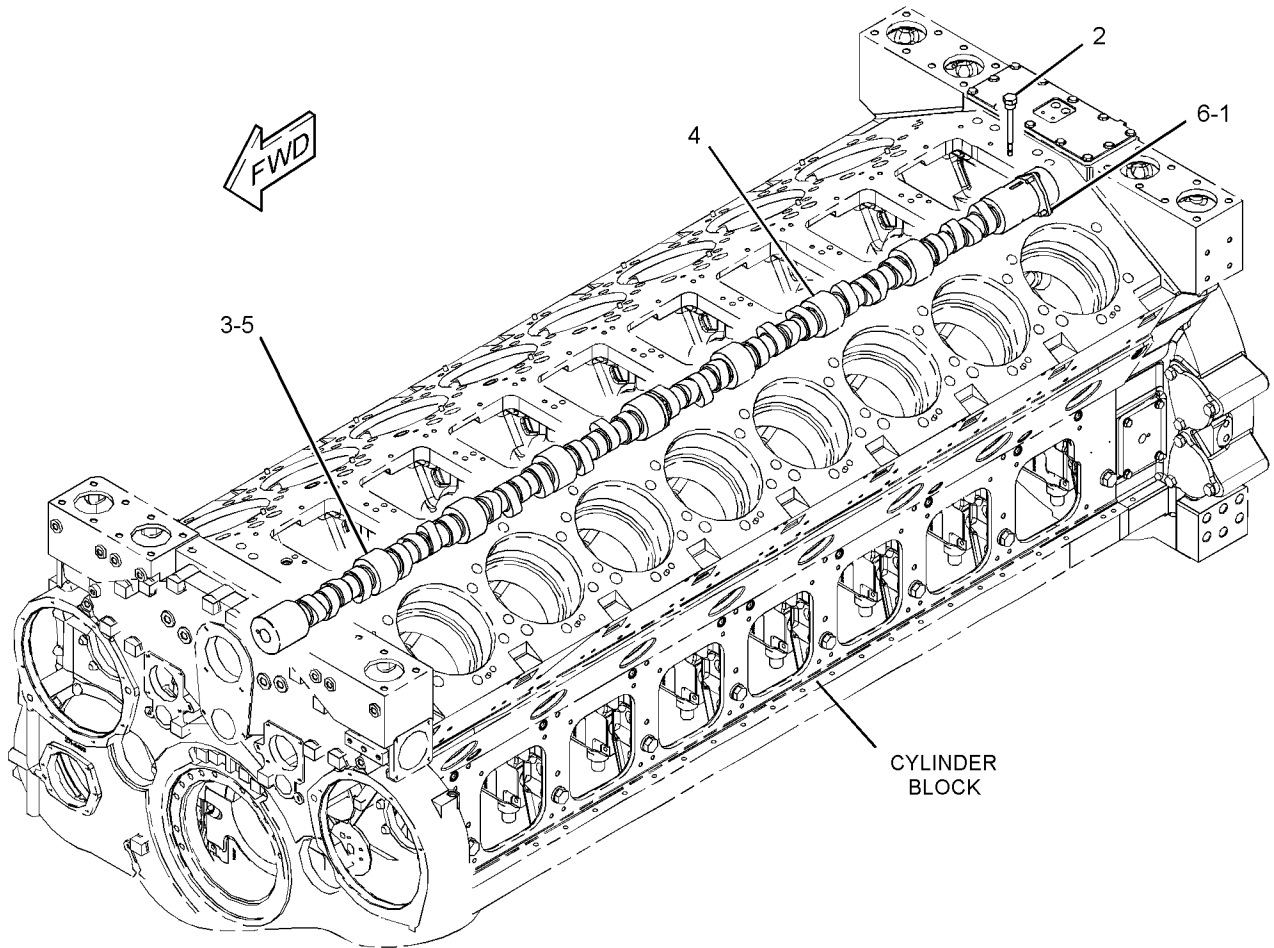
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1210

i02440876

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	248-4096	1	WASHER - THRUST						
	2	1	248-7589	1	PIN AS-TIMING						
		1	8C-4424	1	PLUG						
		1	217-3309	1	SEAL-O-RING						
	3	1	274-7726	1	CAMSHAFT AS-FRONT						
		1	6V-3535	1	DOWEL						
M		1	109-3001	8	STUD-TAPERLOCK (M10X1.5X65-MM)						
		1	274-7727	1	CAMSHAFT						
	4	1	274-7728	1	CAMSHAFT (REAR)						
M	5	1	2Y-5829	8	NUT (M10X1.15-THD)						
M	6	1	6V-4248	2	BOLT (M10X1.5X25-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01223303

BASIC ENGINE

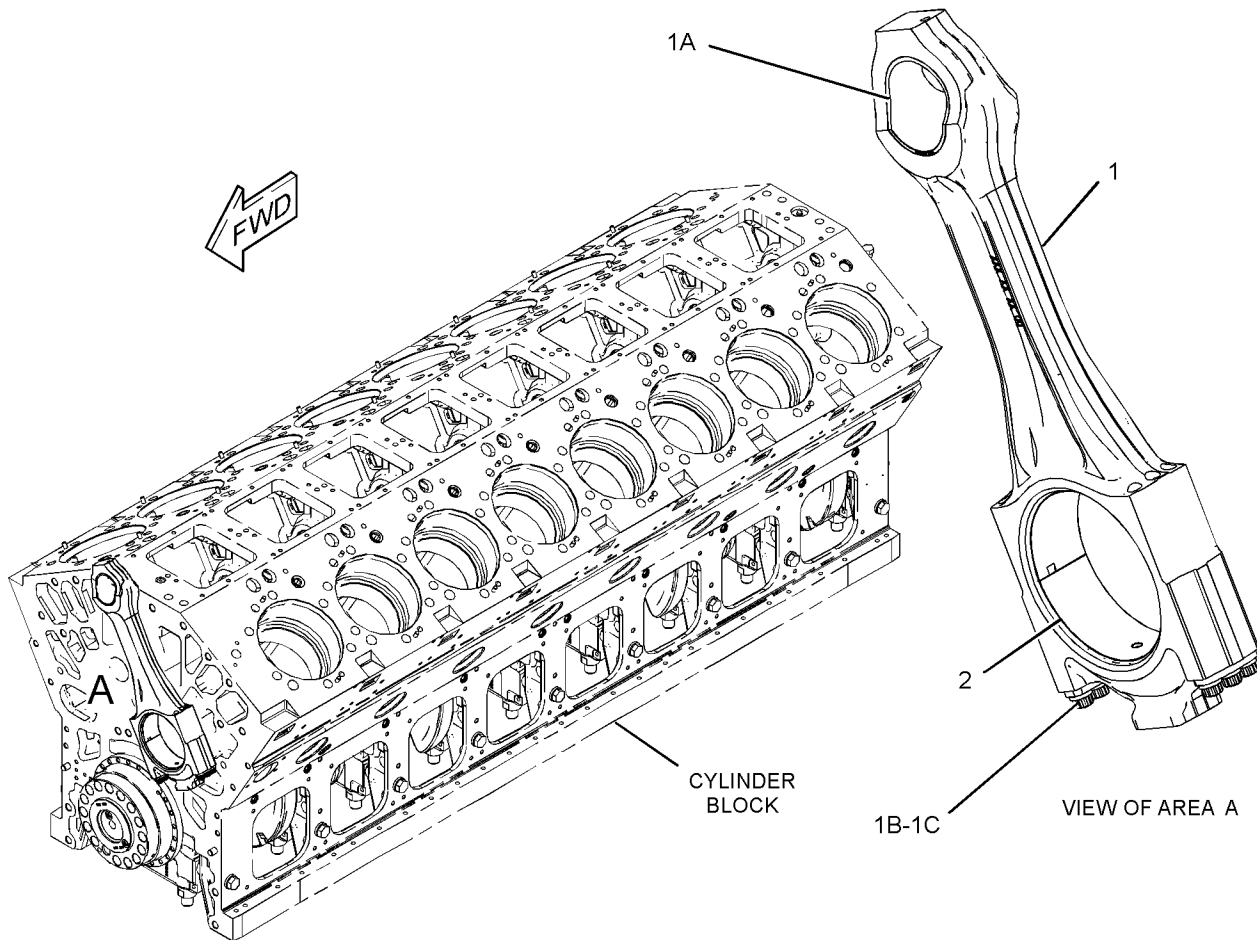
283-1671 CONNECTING ROD GP

S/N: WYB1-UP

SMCS-1218

i02444566

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	269-0585	1	ROD AS						
	1A	1	229-9809	1	BEARING-SLEEVE						
	1B	1	269-0587	6	BOLT (MJ13X1.25X165-MM)						
	1C	1	269-0588	2	SPACER						
	2	1	281-9402	1	BEARING						



GRAPHIC #1

<END>

g01226994

BASIC ENGINE

243-1518 COUPLING GP-FLEXIBLE

S/N: WYB1-UP

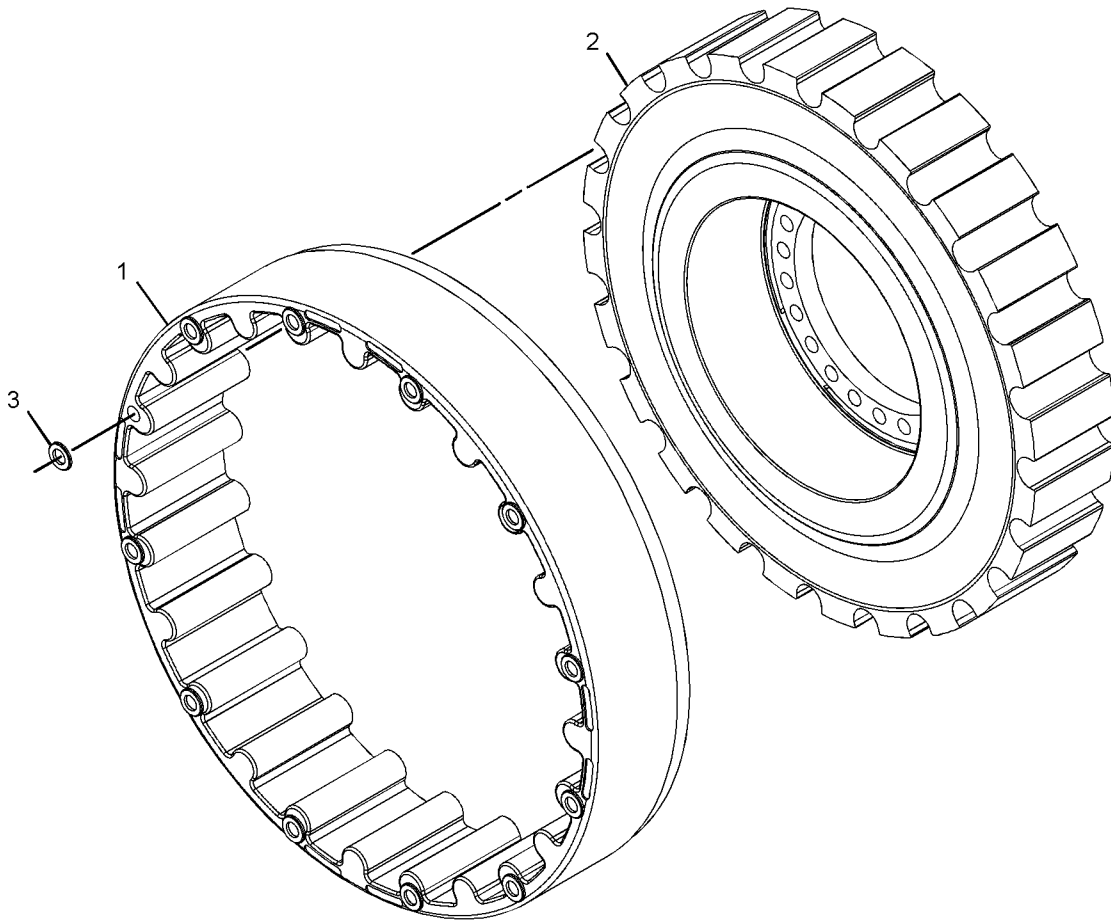
75-SHORE HARDNESS. 18000 SERIES

PART OF 259-3075 INSTALLATION AR-GENERATOR
AN ATTACHMENT

SMCS-3252

i02219905

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	244-7191	1	COUPLING-OUTER						
	2	1	243-1512	1	COUPLING-INNER						
	3	1	248-2432	12	WASHER (17X30X3-MM THK)						



GRAPHIC #1

<END>

g01139449

BASIC ENGINE

243-1520 COUPLING GP-FLEXIBLE

S/N: WYB1-UP

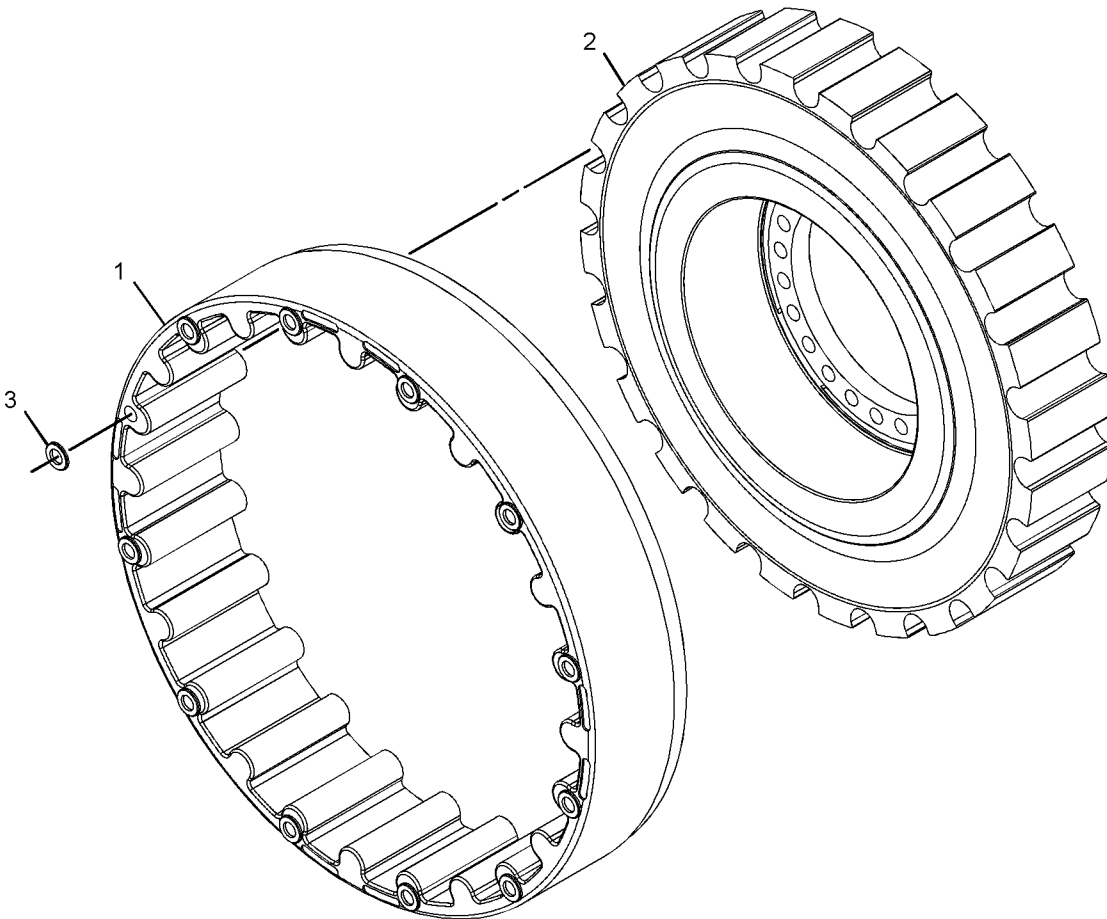
72-SHORE HARDNESS. 18000 SERIES

PART OF 259-9108 COUPLING GP-GENERATOR DRIVE
AN ATTACHMENT

SMCS-3252

i02302887

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	244-7191	1	COUPLING-OUTER						
	2	1	243-1513	1	COUPLING-INNER						
	3	1	248-2432	12	WASHER (17X30X3-MM THK)						



GRAPHIC #1

<END>

g01139449

BASIC ENGINE

249-4015 COVER GP-CYLINDER BLOCK

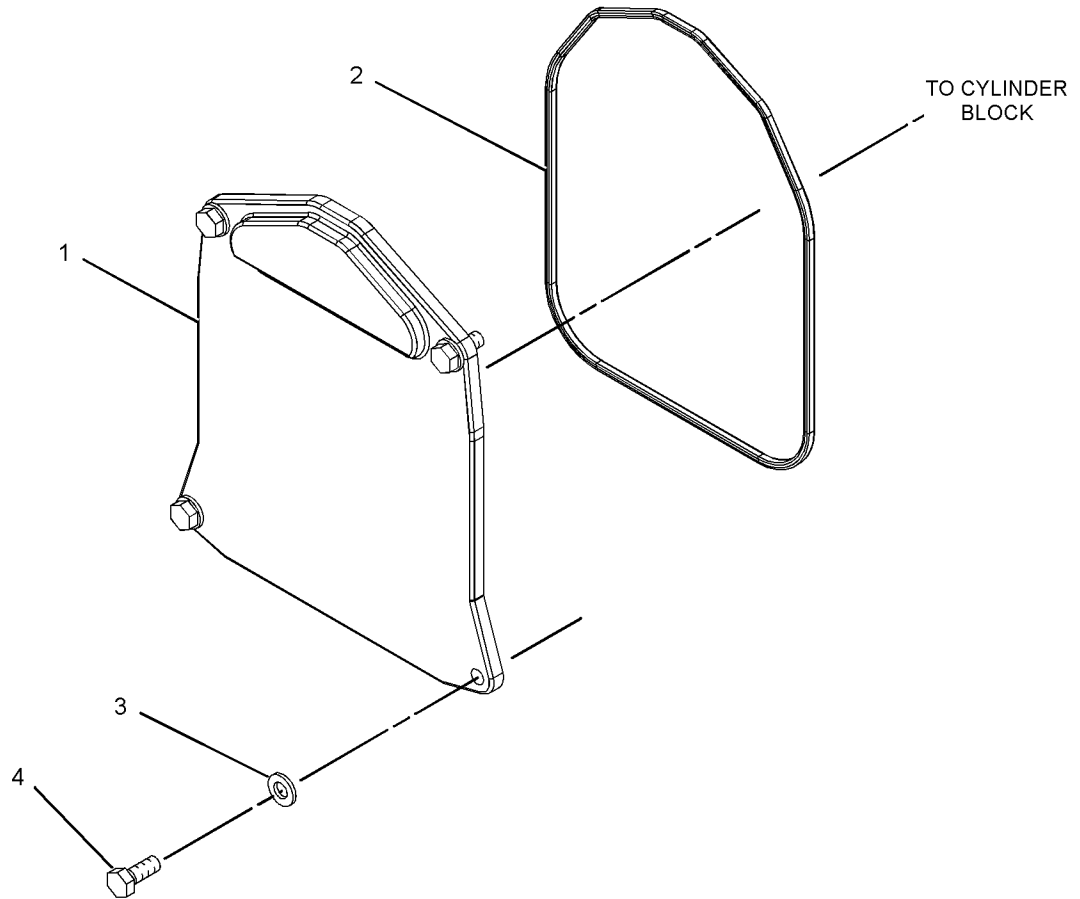
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1201

i02359927

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1N-2914	1	COVER-CYLINDER BLOCK SIDE						
	2	1	208-2363	1	SEAL						
	3	1	6V-5839	4	WASHER (11X21X2.5-MM THK)						
M	4	1	9X-2125	4	BOLT-LOCKING (M10X1.5X25-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01198259

BASIC ENGINE

264-3096 COVER GP-ENGINE

S/N: WYB1-UP

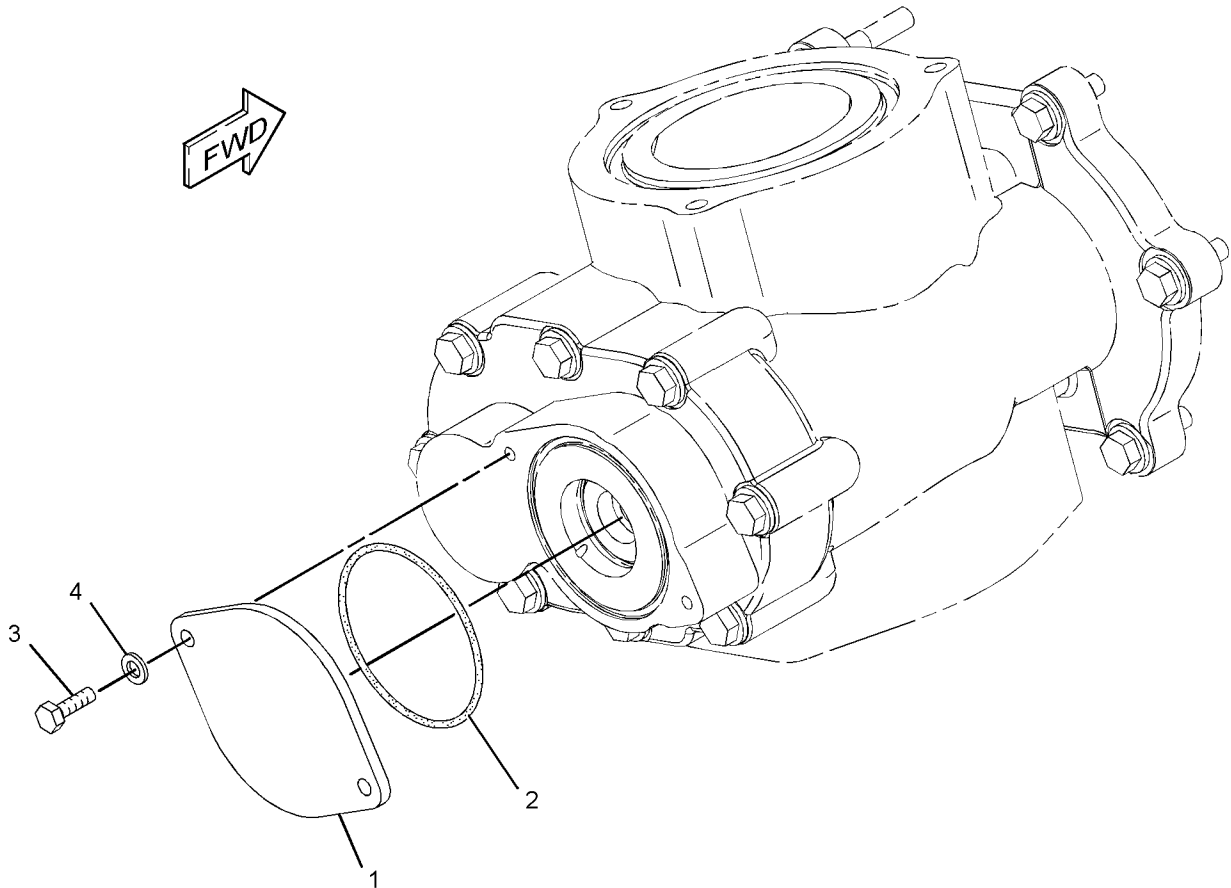
FOR USE WITH ENGINES WITHOUT AN ALTERNATOR
AN ATTACHMENT

SMCS - 1000

i02444510

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	267-2192	1	COVER						
	2	1	131-3718	1	SEAL-O-RING						
M	3	1	6V-3940	2	BOLT (M8X1.25X25-MM)						
	4	1	9M-1974	2	WASHER-HARD (8.8X16X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01224732

BASIC ENGINE

283-9369 COVER GP-ENGINE LIFTING EYE

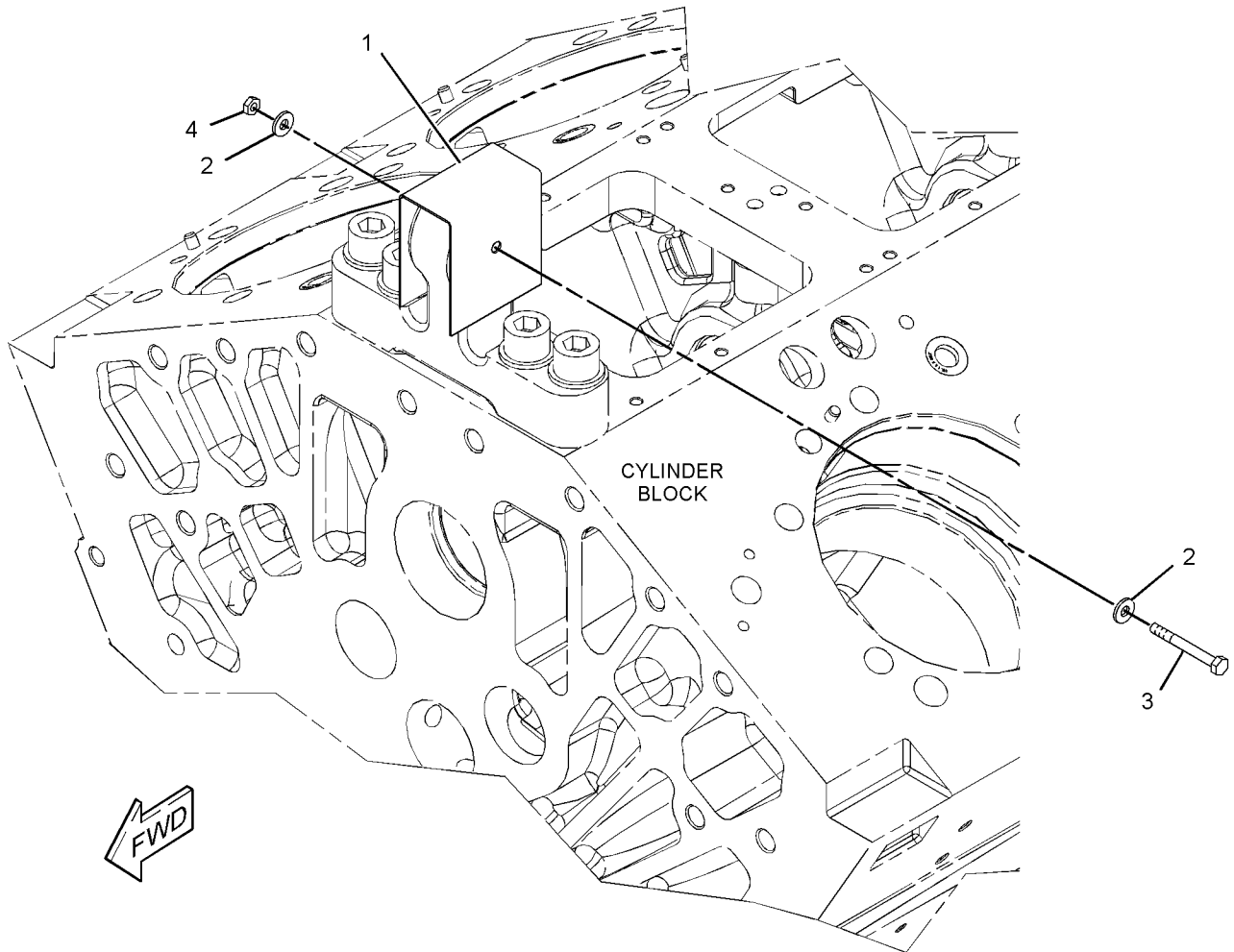
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1122

i02451104

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	283-9332	1	COVER-BRACKET						
	2	1	3E-4352	2	WASHER-HARD (8.8X20.5X2.5-MM THK)						
M	3	1	5P-8347	1	BOLT (M8X1.25X70-MM)						
M	4	1	8T-7963	1	LOCKNUT (M8X1.25-THD)						

M-METRIC PART



GRAPHIC #1

<END>

g01225352

BASIC ENGINE

249-3999 COVER GP-FLYWHEEL HOUSING

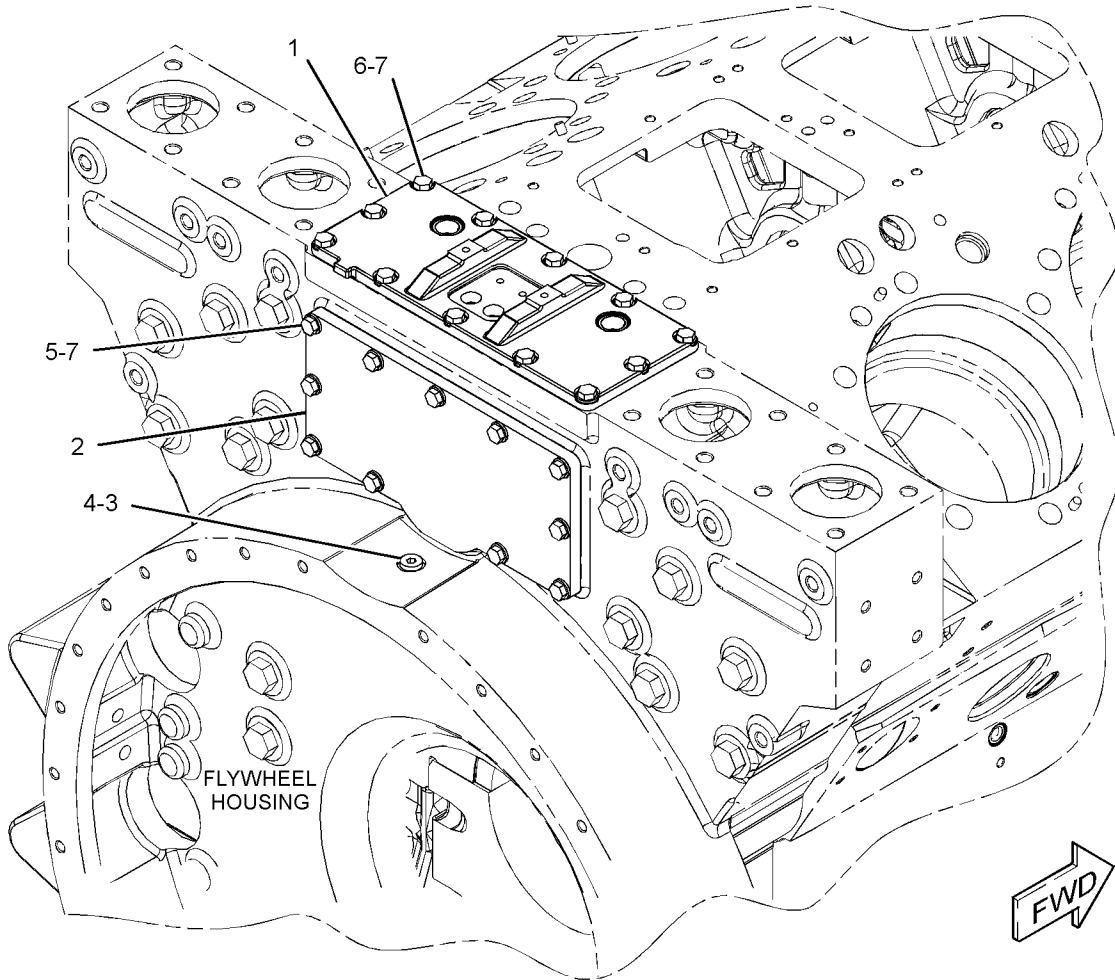
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1157

i02444334

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	1 2 3 4 5 6 (PRODUCT LEVEL)						SEE PAGE
	1	1	266-5554	1	COVER							
	2	1	272-8255	1	COVER							
	3	1	214-7565	1	SEAL-O-RING							
	4	1	241-6158	1	PLUG							
M	5	1	6V-1820	11	BOLT (M10X1.5X30-MM)							
M	6	1	6V-4248	12	BOLT (M10X1.5X25-MM)							
	7	1	6V-5839	23	WASHER (11X21X2.5-MM THK)							

M-METRIC PART



GRAPHIC #1

<END>

g01223220

BASIC ENGINE

250-6830 COVER GP-FLYWHEEL HOUSING

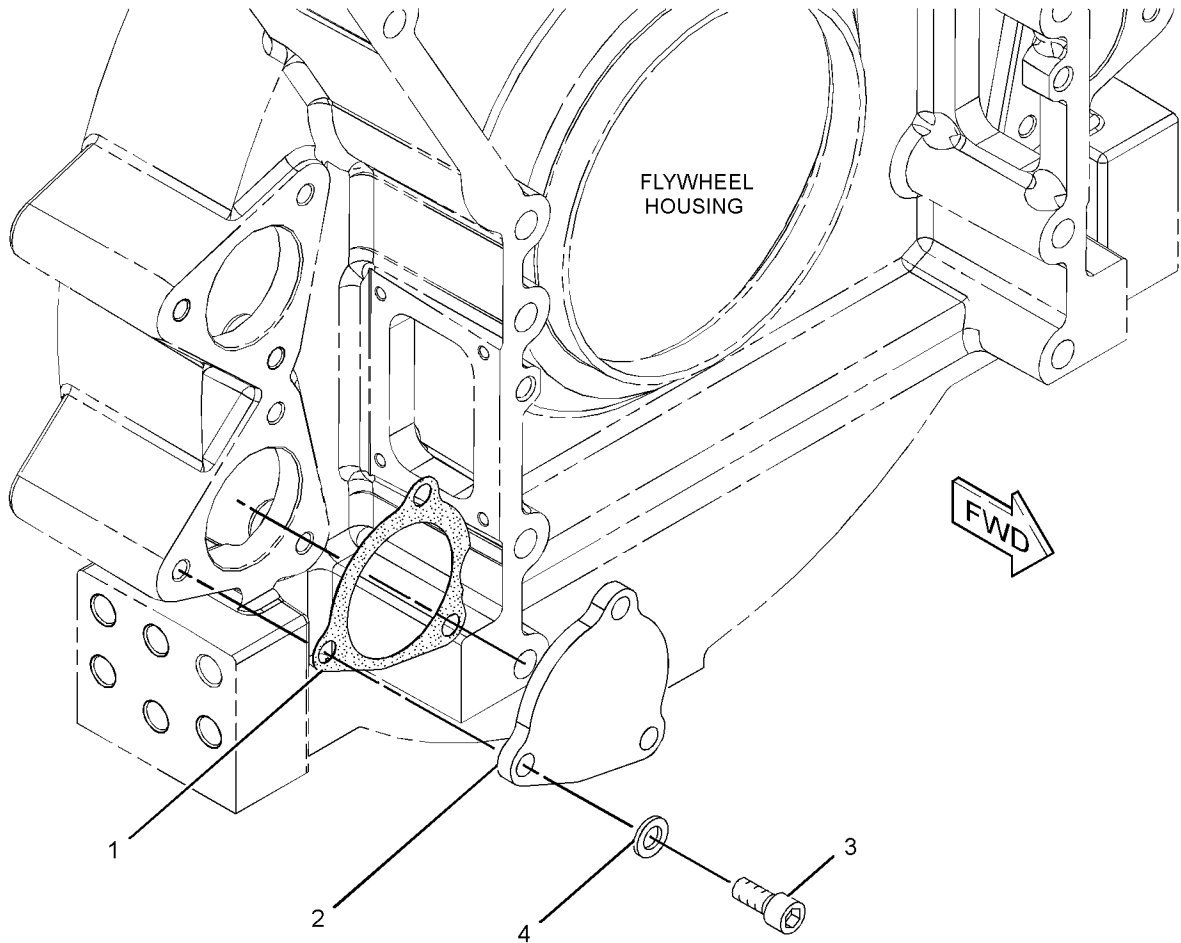
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1157

i02428424

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4H-7869	1	GASKET						
	2	1	4N-1114	1	COVER						
M	3	1	8T-6594	3	BOLT-SOCKET HEAD (M16X2X35-MM)						
	4	1	9X-8257	3	WASHER (17.5X30X3.5-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01220752

BASIC ENGINE

250-9988 COVER GP-FLYWHEEL HOUSING

S/N: WYB1-UP

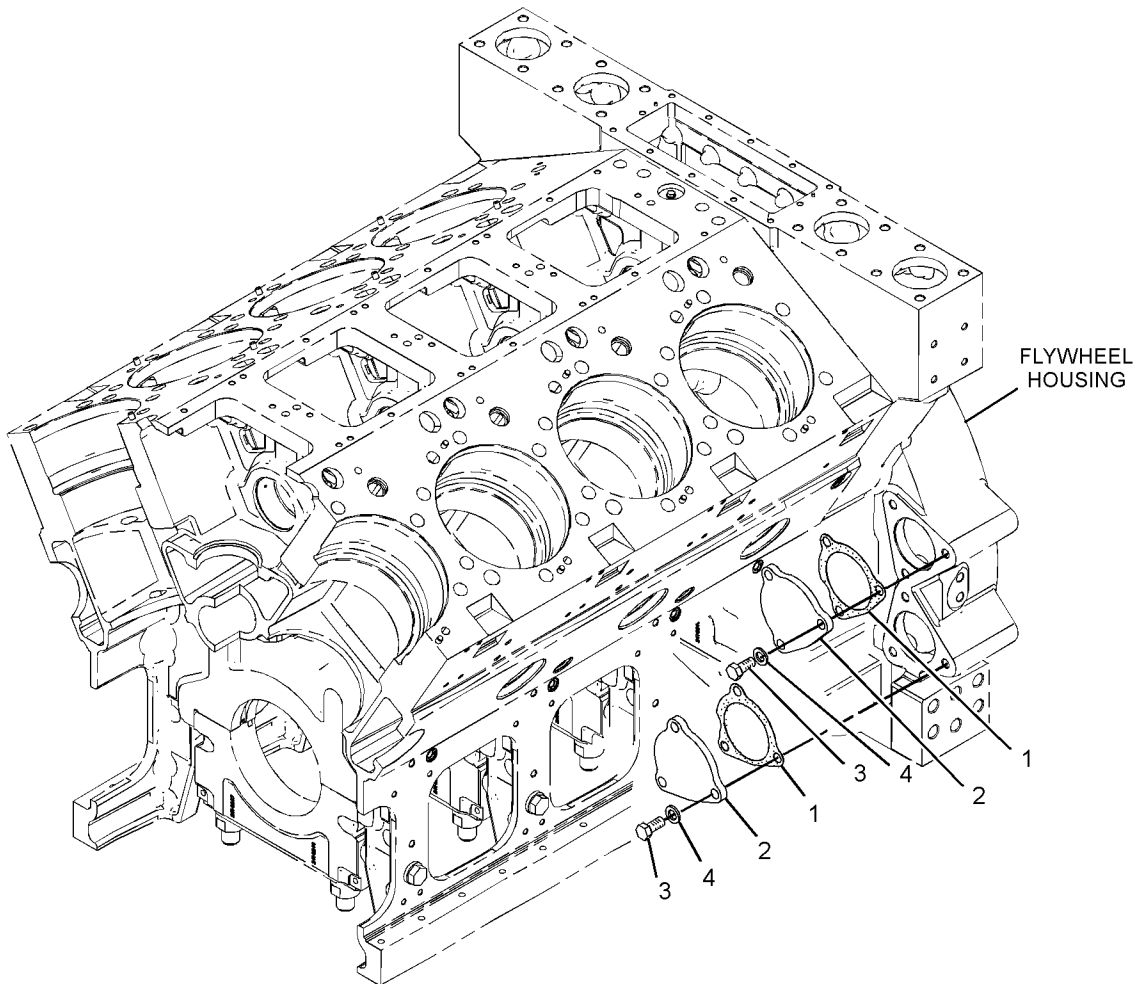
FOR USE WITH ENGINE W/O ELECTRIC STARTER
AN ATTACHMENT

SMCS-1157

i02479808

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4H-7869	2	GASKET						
	2	1	4N-1114	2	COVER						
M	3	1	6V-5844	6	BOLT (M16X2X35-MM)						
	4	1	9X-8268	6	WASHER (17.5X30X3.5-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01252140

BASIC ENGINE

273-1106 COVER GP-FLYWHEEL HOUSING

S/N: WYB1-UP

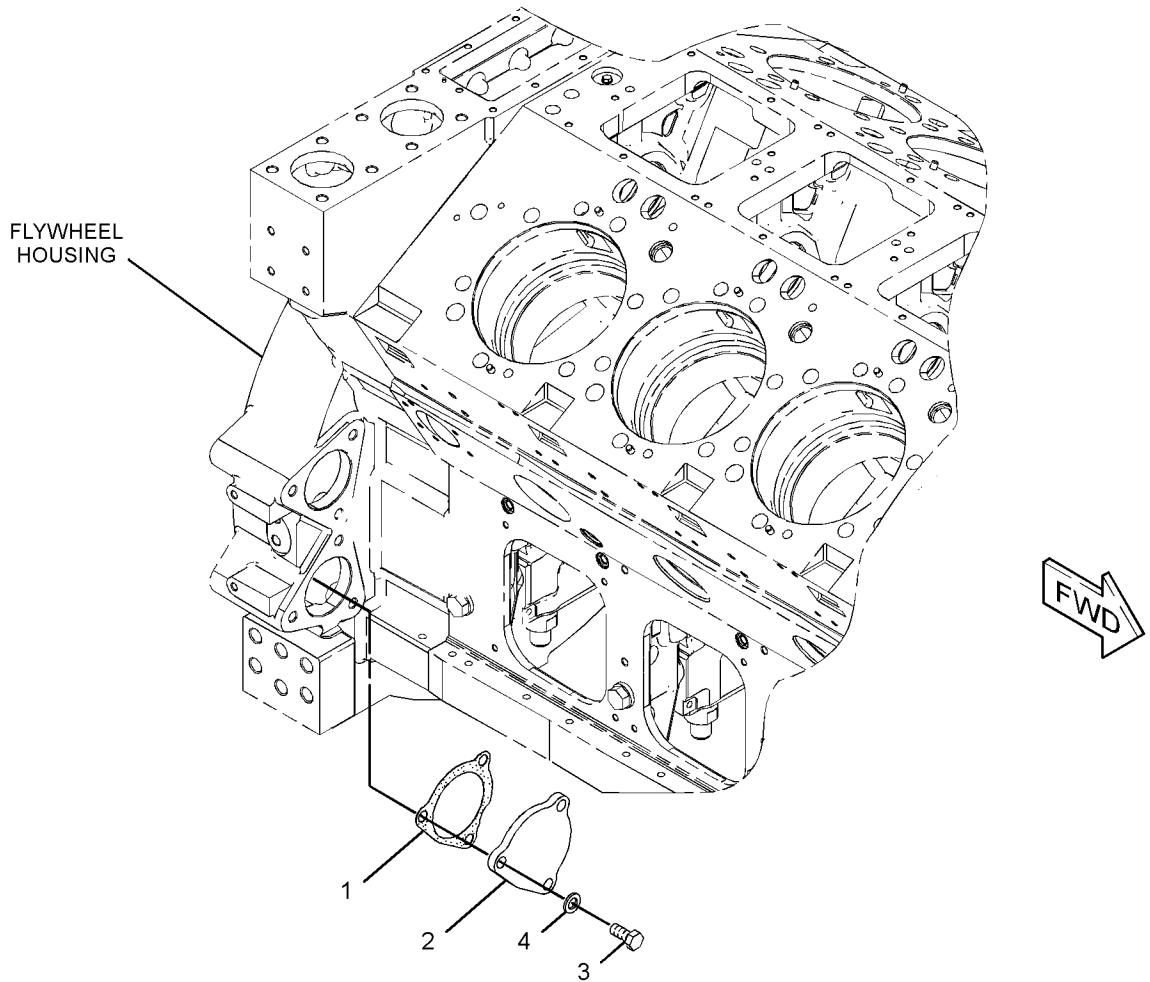
FOR USE WITH ENGINES W/O BARRING GROUP
AN ATTACHMENT

SMCS-1157

i02479809

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4H-7869	1	GASKET						
	2	1	4N-1114	1	COVER						
M	3	1	6V-5844	3	BOLT (M16X2X35-MM)						
	4	1	9X-8268	3	WASHER (17.5X30X3.5-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01251498

BASIC ENGINE

254-5899 COVER GP-FRONT HOUSING

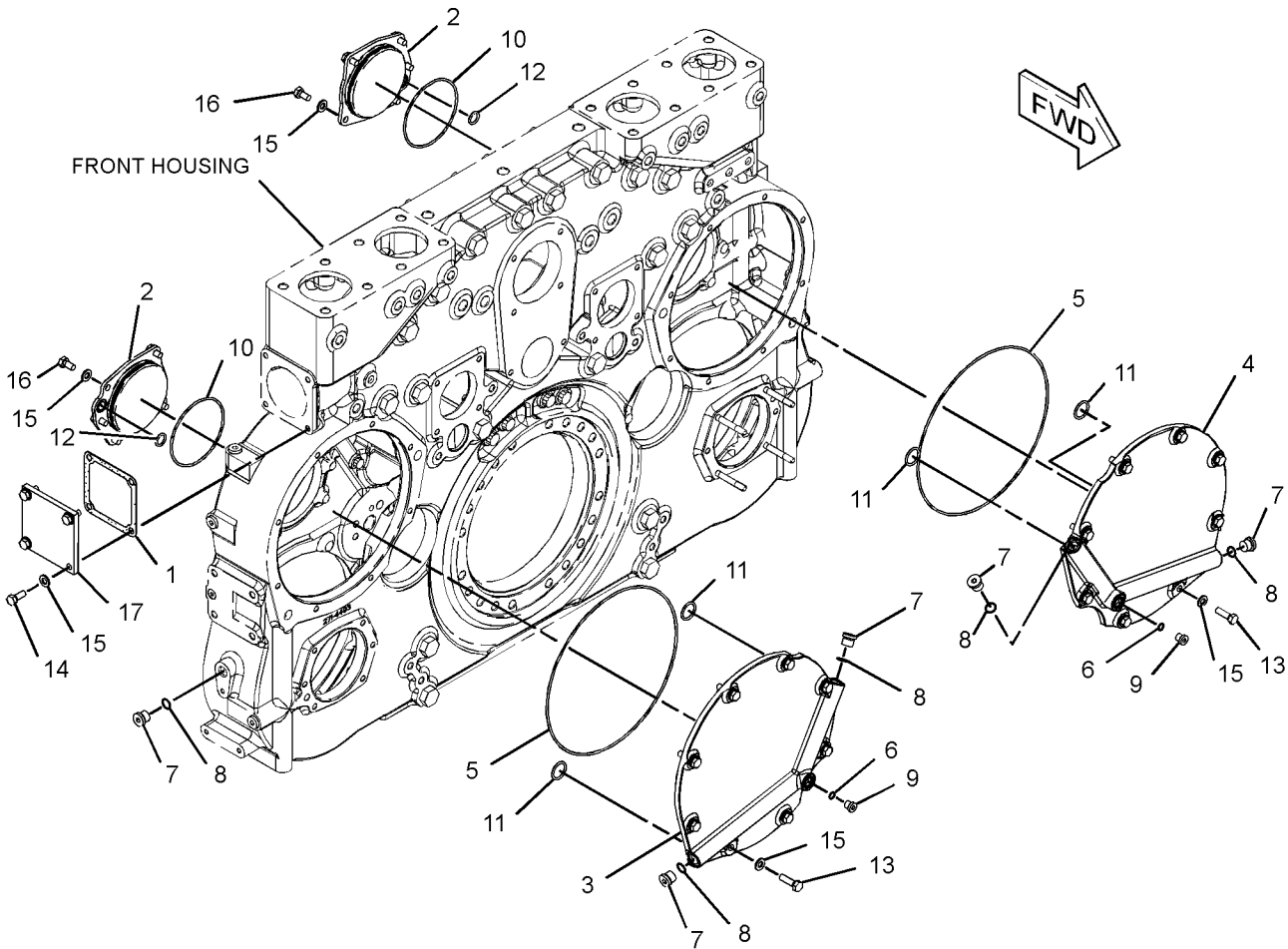
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1151, 1166

i02444408

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7E-6016	1	GASKET						
	2	1	249-6396	2	COVER						
	3	1	260-8900	1	COVER						
	4	1	260-8901	1	COVER						
	5	1	165-4852	2	SEAL-O-RING						
	6	1	215-3580	2	SEAL-O-RING						
	7	1	216-9197	5	PLUG						
	8	1	228-7103	5	SEAL-O-RING						
	9	1	241-6157	2	PLUG						
	10	1	259-4598	2	SEAL-O-RING						
	11	1	5P-8118	4	SEAL-O-RING						
	12	1	5P-8119	2	SEAL-O-RING						
M	13	1	6V-3822	16	BOLT (M10X1.5X35-MM)						
M	14	1	6V-4248	4	BOLT (M10X1.5X25-MM)						
	15	1	6V-5839	30	WASHER (11X21X2.5-MM THK)						
M	16	1	6V-6317	10	BOLT (M10X1.5X20-MM)						
	17	1	7E-6017	1	COVER						

M-METRIC PART



GRAPHIC #1

<END>

g01221998

BASIC ENGINE

246-6683 COVER GP-VALVE MECHANISM

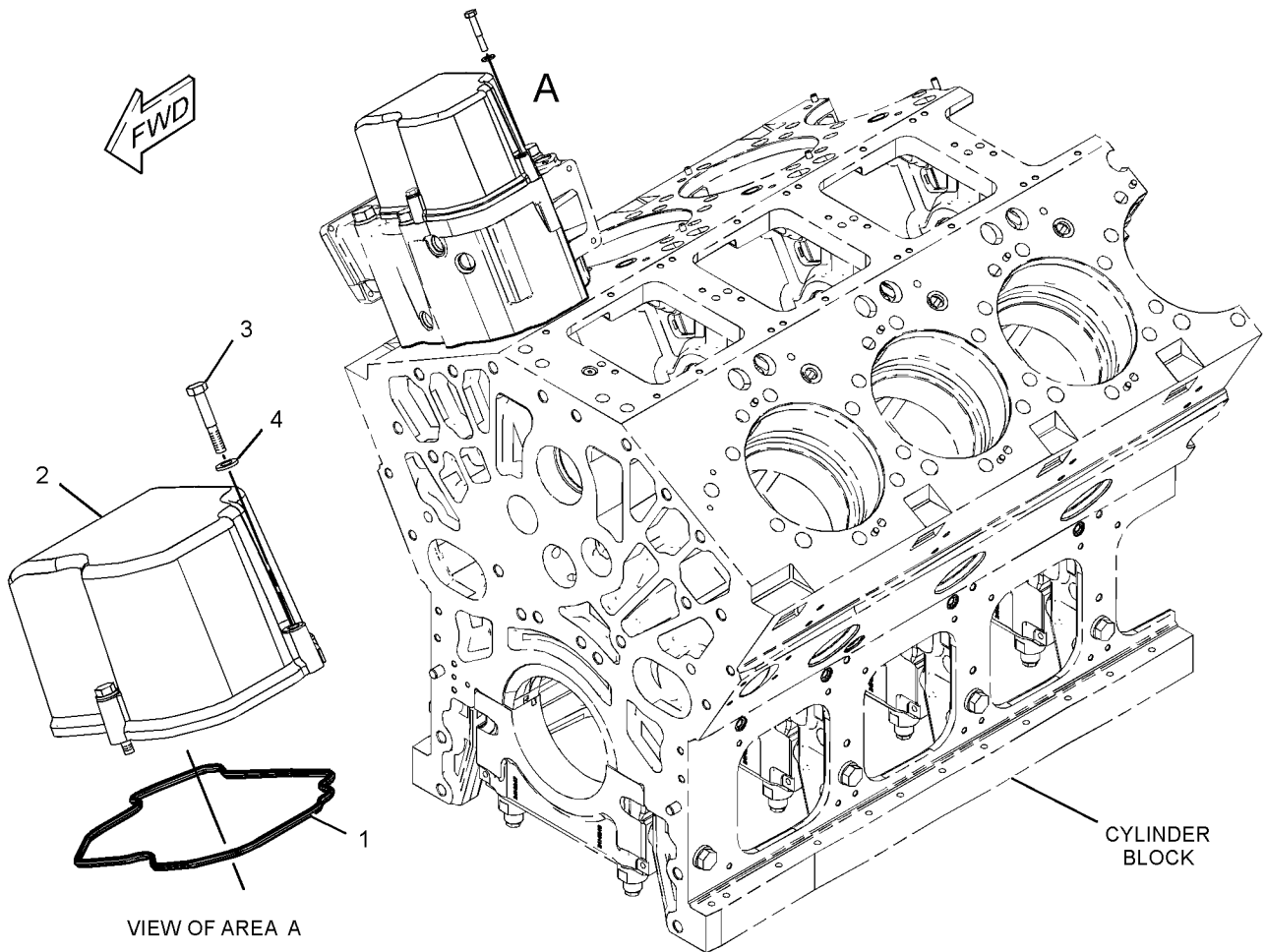
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AN ATTACHMENT

SMCS-1107

i02444269

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	248-7687	1	SEAL (VALVE COVER)						
	2	1	248-4114	1	COVER						
M	3	1	6V-5230	4	BOLT (M10X1.5X60-MM)						
	4	1	6V-5839	4	WASHER (11X21X2.5-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01223223

BASIC ENGINE

284-8333 COVER GP-VALVE MECHANISM

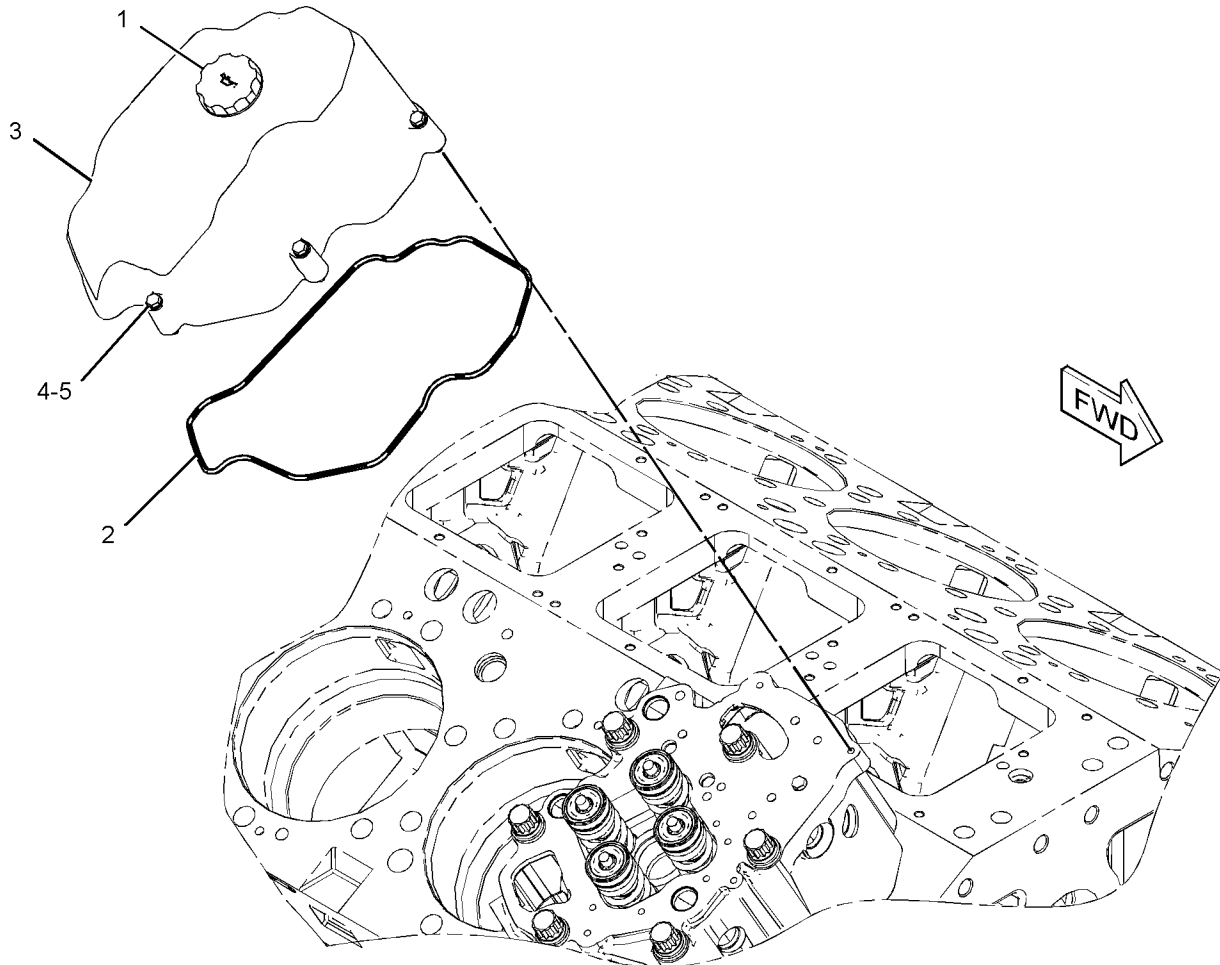
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1107

i02479815

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	227-4531	1	CAP AS-FILLER (ENGINE OIL)						
		1	7F-8268	1	SEAL-O-RING						
	2	1	248-7687	1	SEAL (VALVE COVER)						
	3	1	279-0788	1	COVER						
M	4	1	8T-0100	5	BOLT (M8X1.25X60-MM)						
	5	1	9M-1974	5	WASHER-HARD (8.8X16X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01244219

BASIC ENGINE

284-8334 COVER GP-VALVE MECHANISM

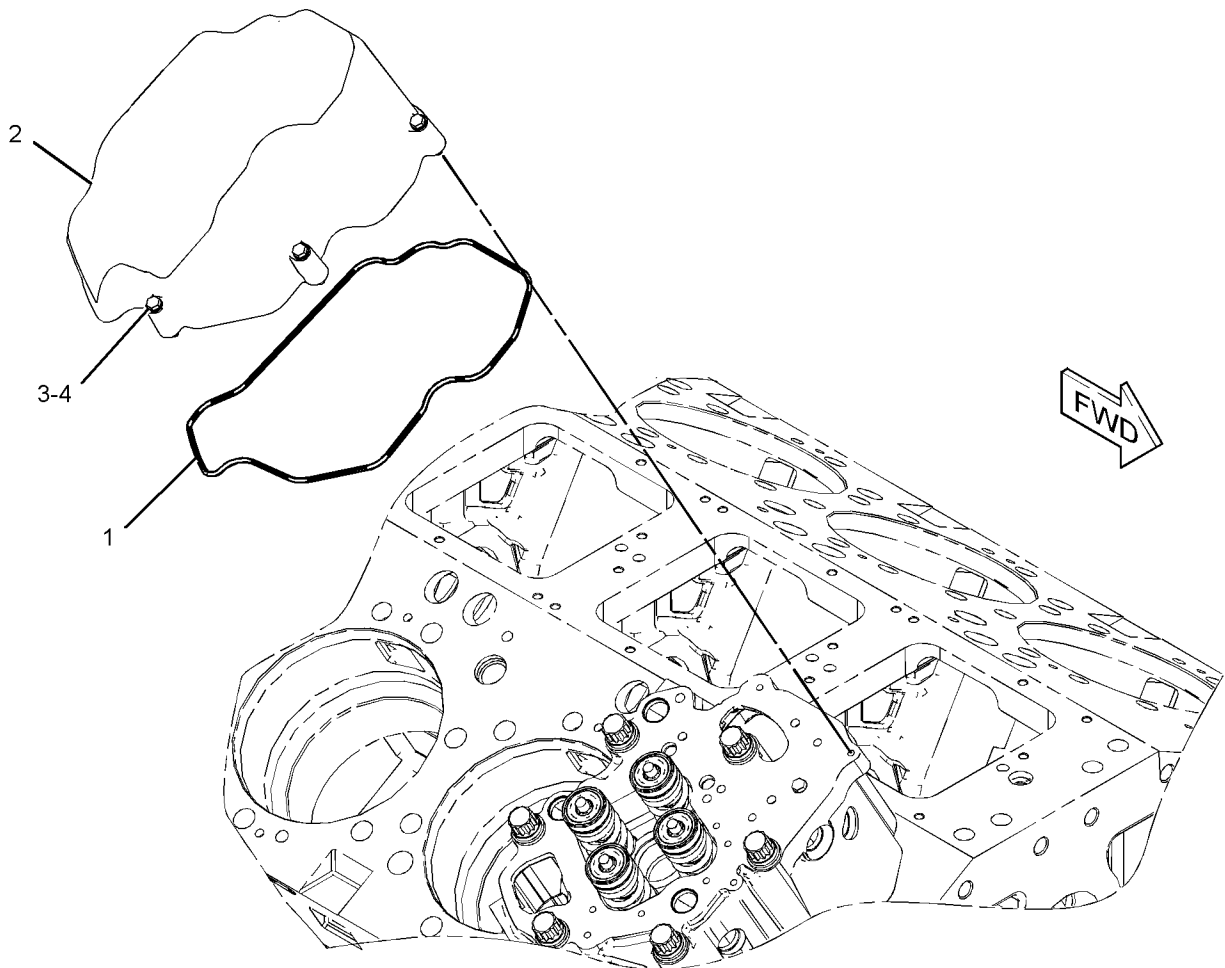
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1107

i02479818

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	248-7687	1	SEAL (VALVE COVER)						
	2	1	281-9394	1	COVER						
M	3	1	8T-0100	5	BOLT (M8X1.25X60-MM)						
	4	1	9M-1974	5	WASHER-HARD (8.8X16X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01244261

BASIC ENGINE

285-3719 CRANKSHAFT GP

S/N: WYB1-UP

SMCS-1202

i02471481

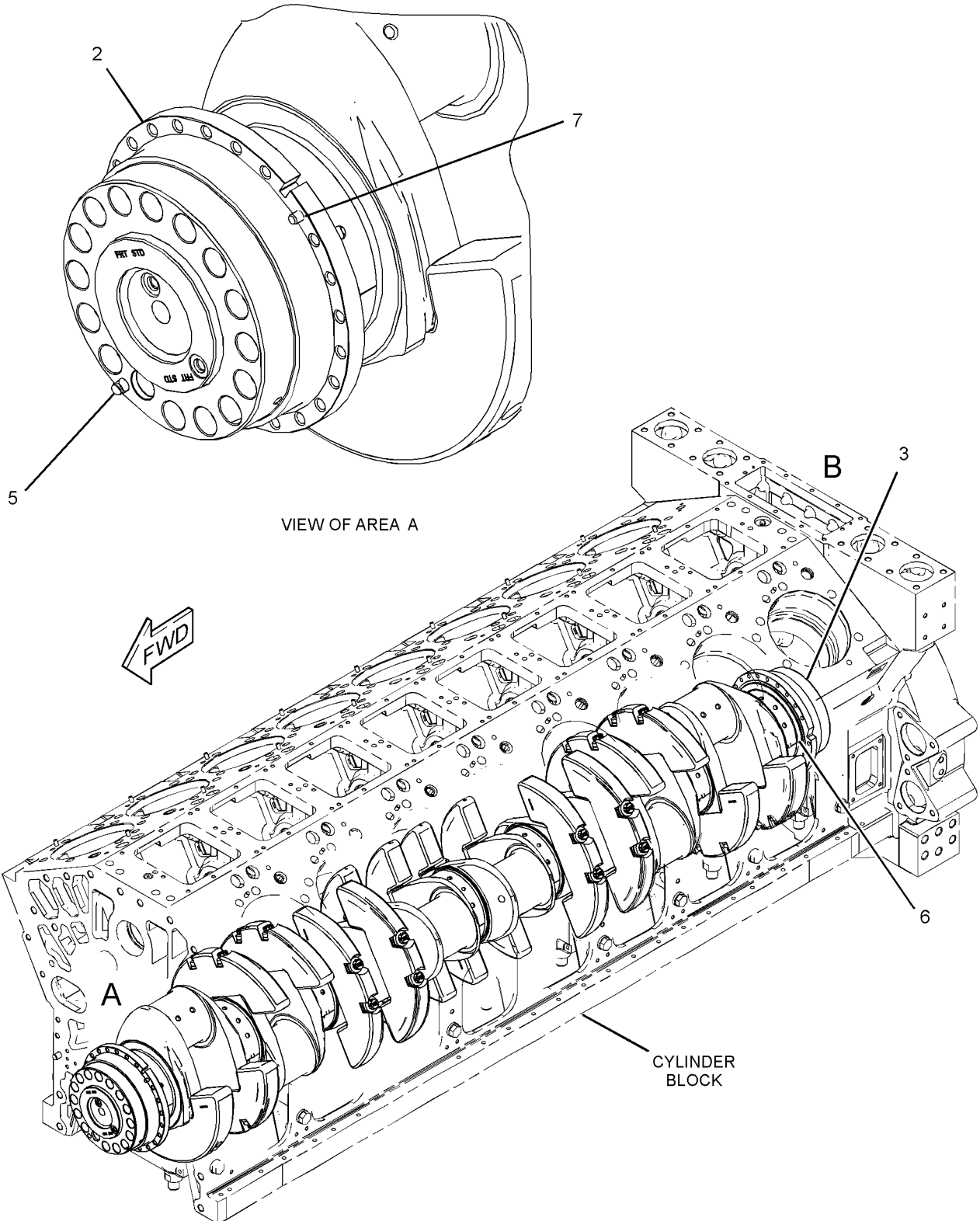
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	269-0550	1	PIN AS-TIMING						
		2	4B-3365	1	DOWEL						
		2	8C-4424	1	PLUG						
		2	217-3309	1	SEAL-O-RING						
	2	1	239-6046	2	PLATE-THRUST						
	3	1	285-3718	1	CRANKSHAFT AS						
		1	2W-2288	8	PLUG						
		1	095-0893	14	PIN-SPRING						
		1	237-8306	34	BOLT AS						
		1	239-6050	32	DOWEL						
	4	2	286-5311	1	DOWEL						
	5	1	146-3173	1	DOWEL						
	6	1	286-5801	9	BEARING-MAIN						
	7	1	6V-3538	2	DOWEL						

BASIC ENGINE

285-3719 CRANKSHAFT GP (contd.)

i02471481

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS.



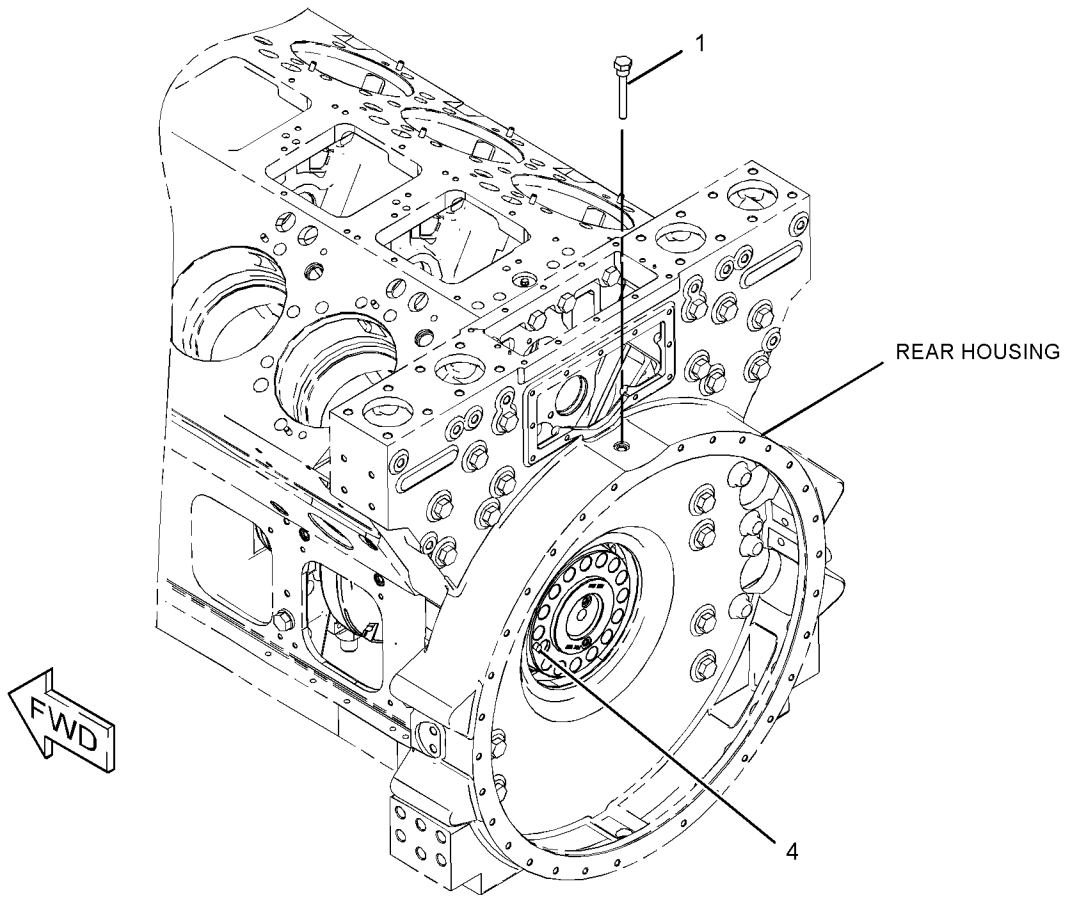
GRAPHIC #1

g01233132

BASIC ENGINE

285-3719 CRANKSHAFT GP (contd.)

i02471481



VIEW OF AREA B

<END>

GRAPHIC #2

g01233131

BASIC ENGINE

283-9343 CYLINDER BLOCK AS

S/N: WYB1-UP

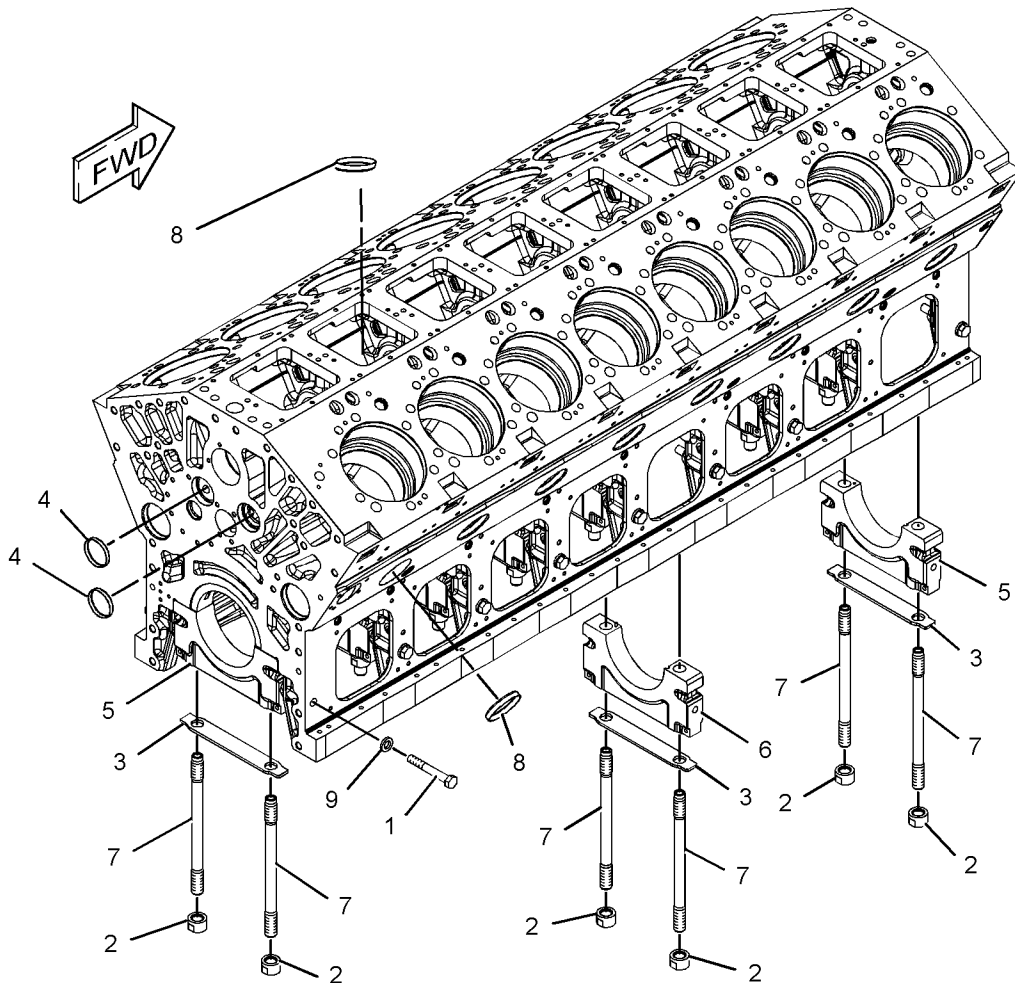
PART OF 283-9344 CYLINDER BLOCK GP

SMCS-1201

i02449617

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	6V-9167	18	BOLT (M20X2.5X140-MM)						
	2	1	241-8249	18	NUT (M30X2-THD)						
	3	1	243-5196	9	PLATE						
	4	1	244-2446	2	PLUG-CUP						
	5	1	245-9914	2	CAP AS-BEARING (CRANKSHAFT) (END) (EACH INCLUDES)						
		1	9M-6803	1	DOWEL						
	6	1	245-9915	7	CAP AS-BEARING (CRANKSHAFT) (INTERMEDIATE) (EACH INCLUDES)						
		1	9M-6803	1	DOWEL						
	7	1	260-9347	18	STUD						
8	1	262-1102	26	PLUG-CUP							
9	1	154-1580	18	WASHER-HARD (M22X38X6-MM THK)							

M-METRIC PART



GRAPHIC #1

<END>

g01227014

BASIC ENGINE

283-9344 CYLINDER BLOCK GP

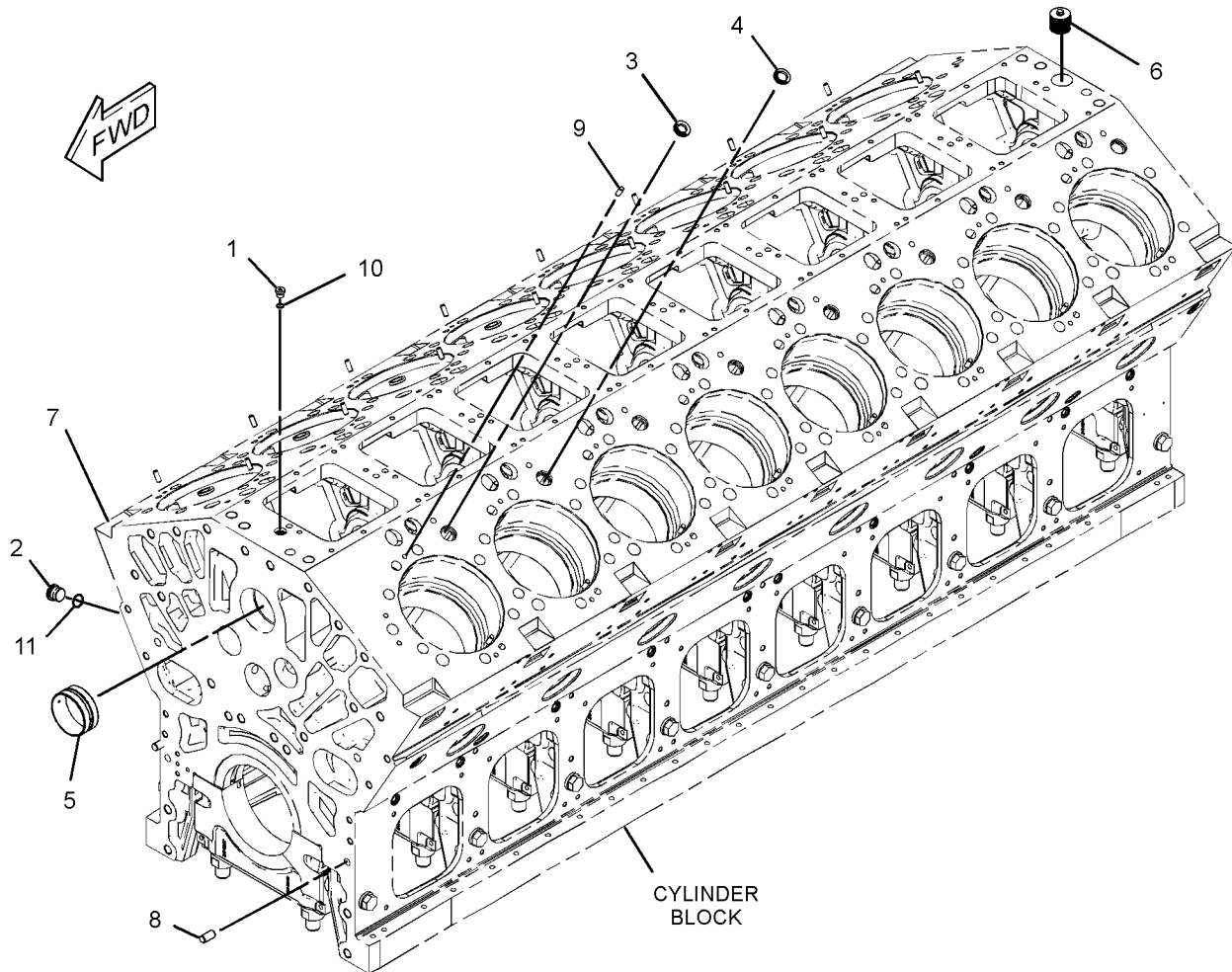
S/N: WYB1-UP

SMCS-1201

i02444576

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	241-6170	1	PLUG						
	2	1	241-6171	1	PLUG						
	3	1	248-7584	2	ORIFICE						
	4	1	248-7585	6	ORIFICE						
	5	1	249-6392	9	BEARING-CAMSHAFT						
	6	1	255-4461	1	PLUG AS (TIMING, CAMSHAFT)						
Y	7	1	283-9343	1	CYLINDER BLOCK AS						23
	8	1	4N-0683	4	DOWEL						
	9	1	6V-3535	32	DOWEL						
	10	1	6V-6560	1	SEAL-O-RING						
	11	1	8T-7525	1	SEAL-O-RING						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01223545

BASIC ENGINE

273-1219 CYLINDER HEAD AS

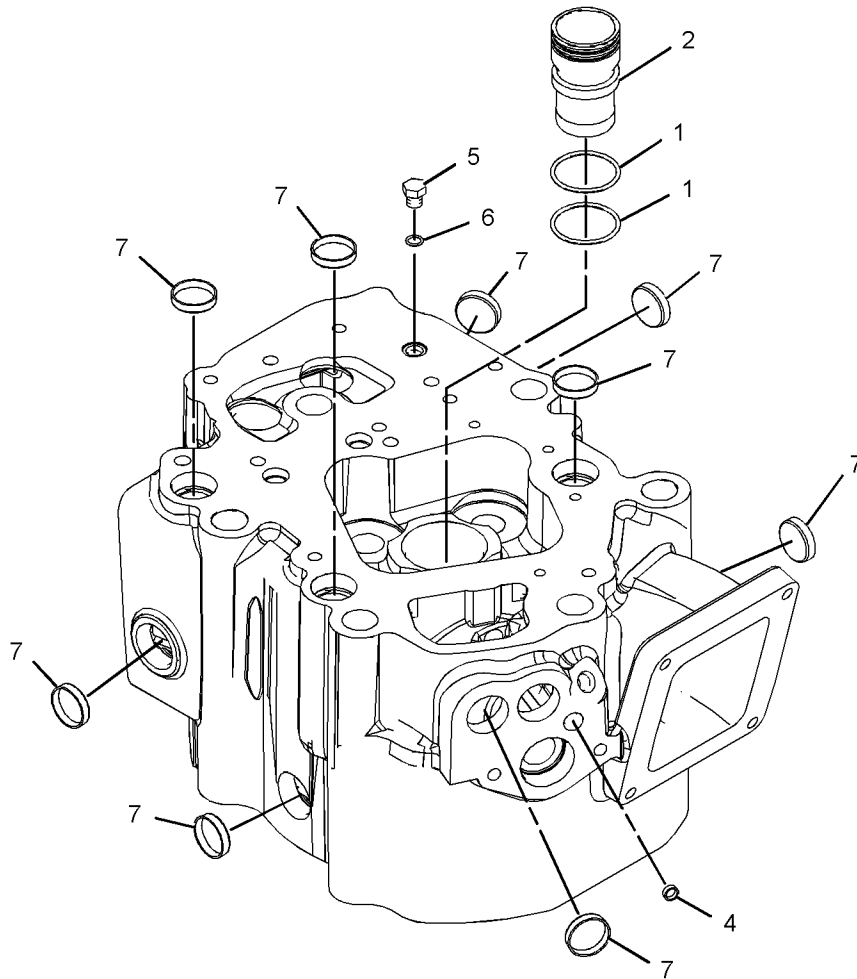
S/N: WYB1-UP

PART OF 273-1220 CYLINDER HEAD GP
AN ATTACHMENT

SMCS-1100, 1101

i02442524

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	247-1074	2	SEAL-O-RING						
	2	1	269-0549	1	SLEEVE-INJECTOR						
	4	1	2A-3746	1	PLUG-CUP						
	5	1	3E-7417	1	PLUG						
	6	1	8C-3076	1	SEAL-O-RING						
	7	1	8M-5860	9	PLUG-CUP						



GRAPHIC #1

<END>

g01227000

BASIC ENGINE

279-0790 CYLINDER HEAD AS

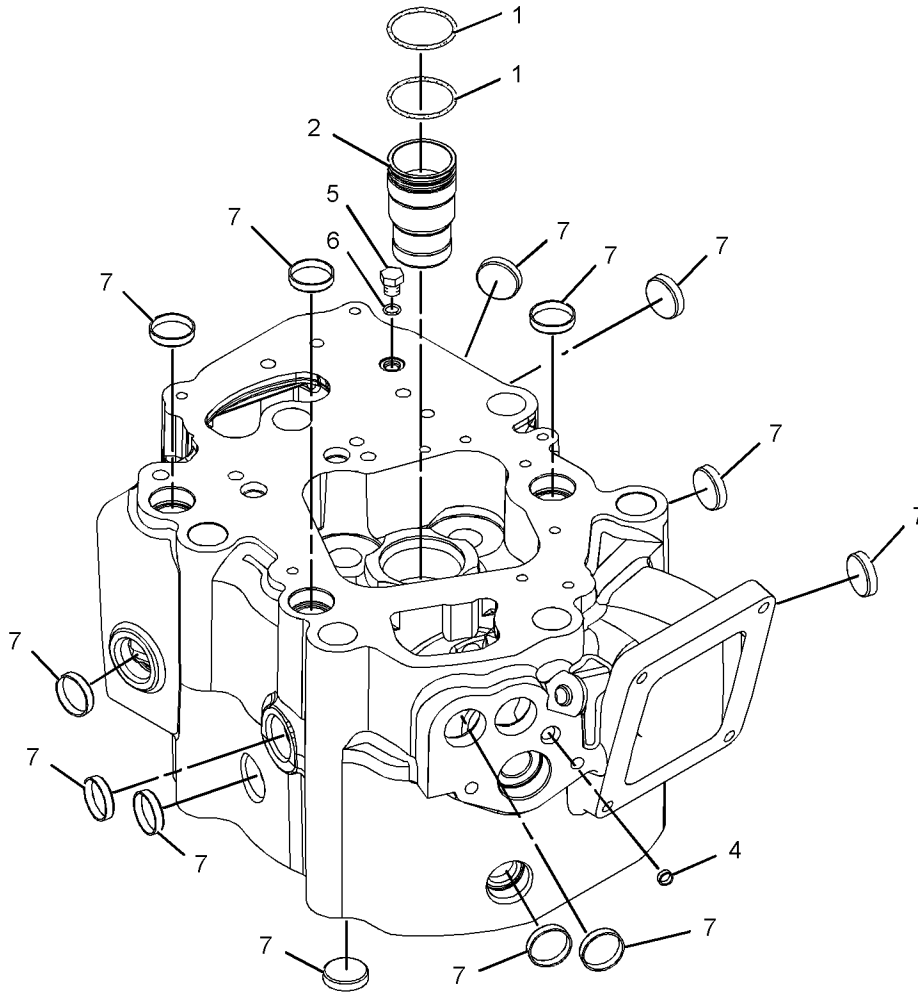
S/N: WYB1-UP

PART OF 283-1683, 283-1685 CYLINDER HEAD GP
AN ATTACHMENT

SMCS-1100, 1101

i02445675

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	247-1074	2	SEAL-O-RING						
	2	1	269-0549	1	SLEEVE-INJECTOR						
	4	1	2A-3746	1	PLUG-CUP						
	5	1	3E-7417	1	PLUG						
	6	1	8C-3076	1	SEAL-O-RING						
	7	1	8M-5860	13	PLUG-CUP						



GRAPHIC #1

<END>

g01227009

BASIC ENGINE

283-1681 CYLINDER HEAD AS

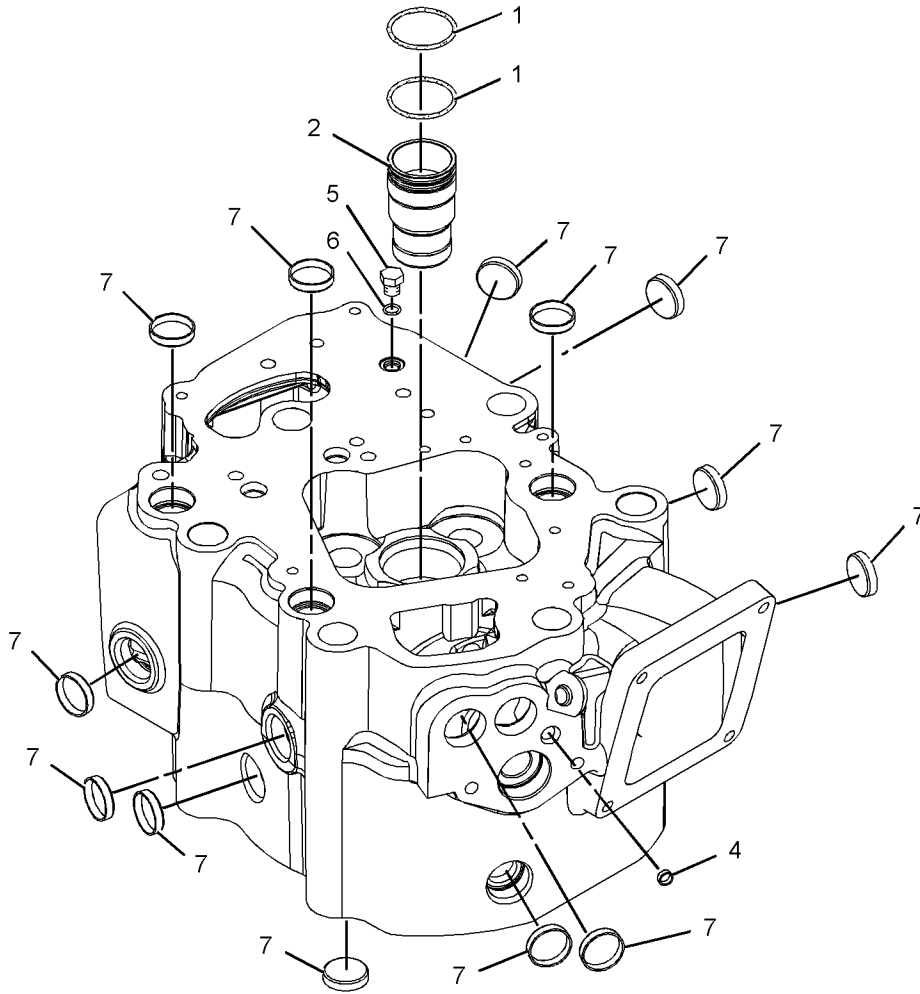
S/N: WYB1-UP

PART OF 283-1682 CYLINDER HEAD GP
AN ATTACHMENT

SMCS-1100, 1101

i02444567

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	247-1074	2	SEAL-O-RING						
	2	1	269-0549	1	SLEEVE-INJECTOR						
	4	1	2A-3746	1	PLUG-CUP						
	5	1	3E-7417	1	PLUG						
	6	1	8C-3076	1	SEAL-O-RING						
	7	1	8M-5860	13	PLUG-CUP						



GRAPHIC #1

<END>

g01227005

BASIC ENGINE

273-1220 CYLINDER HEAD GP

S/N: WYB1-UP

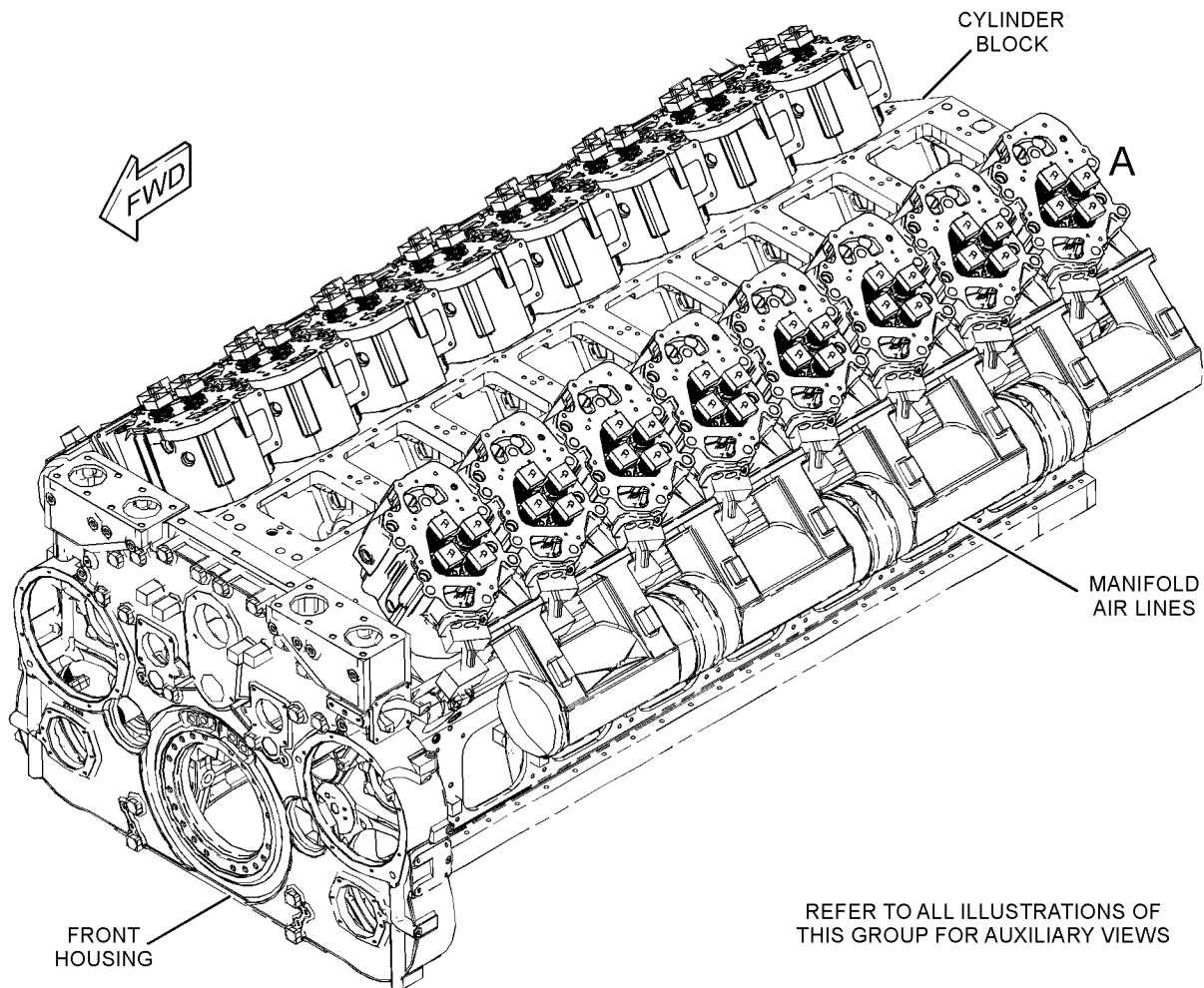
PART OF 273-1221 CYLINDER HEAD GP
AN ATTACHMENT

SMCS-1100

i02459075

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	197-7055	8	LOCK-RETAINER						
	2	2	236-0544	4	GUIDE-VALVE						
	3	2	236-0550	4	SPRING (OUTER)						
	4	2	245-9900	2	INSERT-VALVE (EXHAUST)						
	5	2	254-2073	2	VALVE-EXHAUST						
	6	2	256-5983	2	SEAL (INTAKE)						
	7	2	256-5984	4	ROTOCOIL AS						
	8	2	256-5985	2	RETAINER-VALVE (EXHAUST)						
	9	2	256-5986	4	SPRING (INNER)						
Y	10	2	273-1219	1	CYLINDER HEAD AS						25
	11	2	273-1223	2	INSERT-VALVE (INLET)						
	12	2	273-1224	2	VALVE-INLET						

Y-SEPARATE ILLUSTRATION



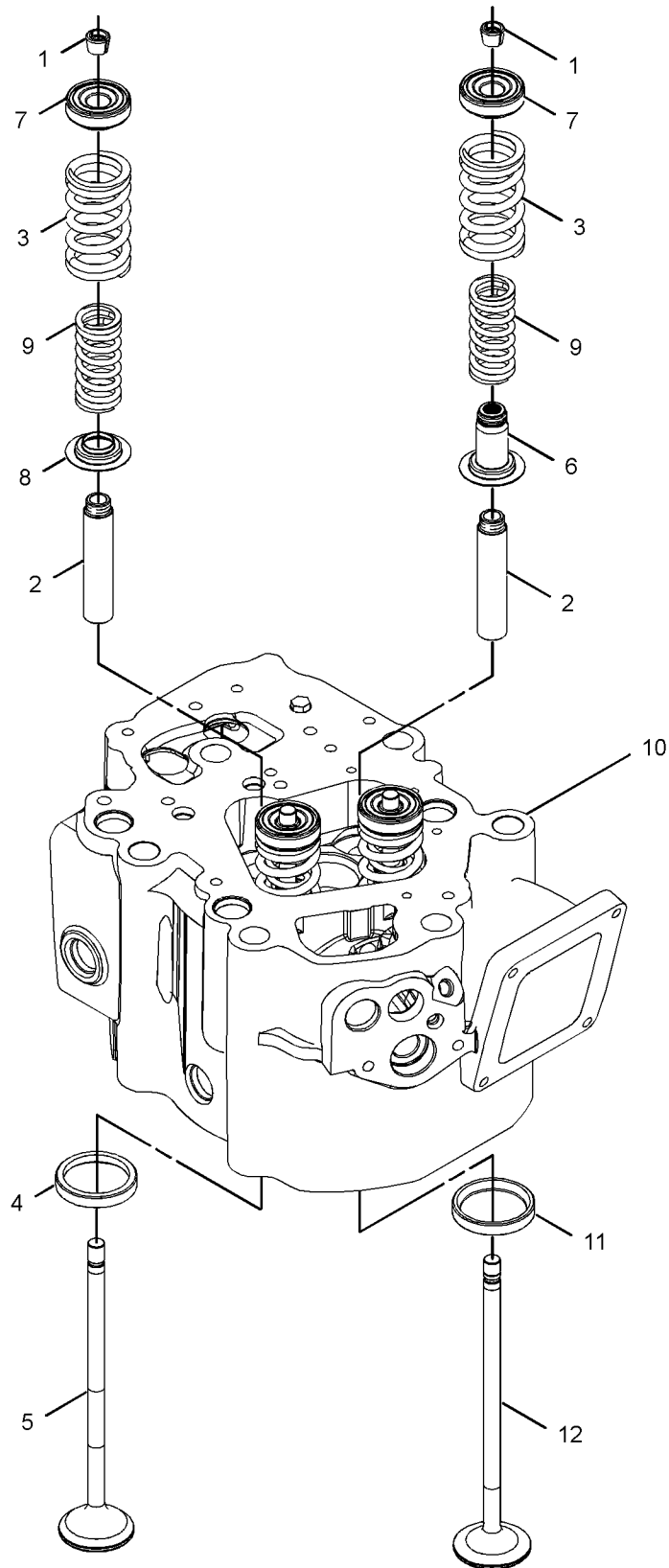
GRAPHIC #1

g01223935

BASIC ENGINE

273-1220 CYLINDER HEAD GP (contd.)

i02459075



VIEW OF AREA A

<END>

GRAPHIC #2

g01223937

BASIC ENGINE

273-1221 CYLINDER HEAD GP

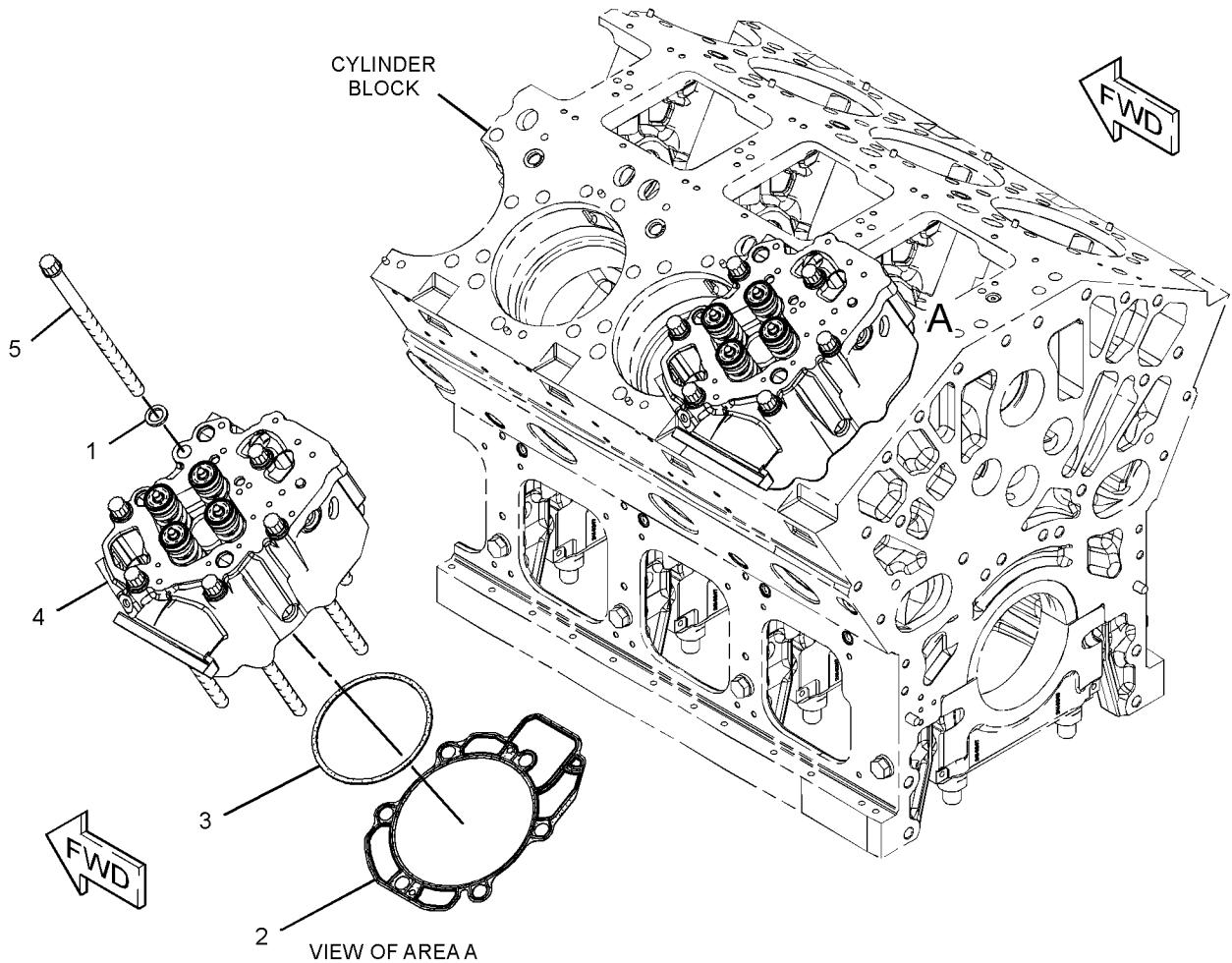
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1100

i02440957

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	1 2 3 4 5 6 (PRODUCT LEVEL)						SEE PAGE
	1	1	152-0195	6	WASHER-HARD (24X36X4.5-MM THK)							
	2	1	254-6147	1	SEAL-INTEGRAL (CYLINDER HEAD)							
	3	1	258-9925	1	GASKET-COMBUSTION							
Y	4	1	273-1220	1	CYLINDER HEAD GP							28
M	5	1	274-7701	6	BOLT-12 POINT HEAD (M22X1.5X380-MM)							

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01224369

BASIC ENGINE

274-7704 CYLINDER HEAD GP

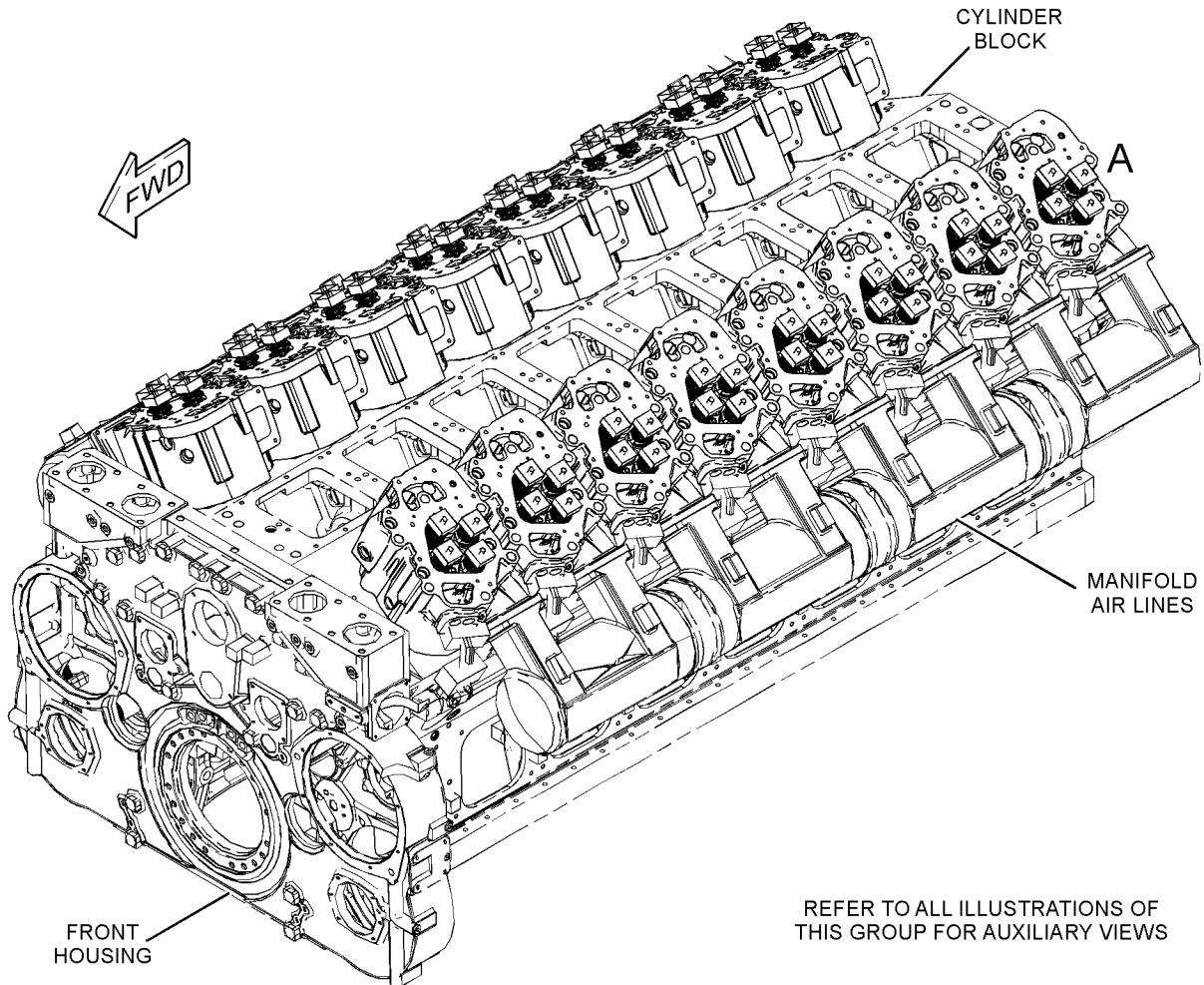
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1100

i02444559

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	2	274-7701	6	BOLT-12 POINT HEAD (M22X1.5X380-MM)						
	2	2	258-9925	1	GASKET-COMBUSTION						
	3	2	152-0195	6	WASHER-HARD (24X36X4.5-MM THK)						
	4	2	279-6080	1	SEAL-INTEGRAL (CYLINDER HEAD)						
Y	5	2	283-1682	1	CYLINDER HEAD GP						33

M-METRIC PART
Y-SEPARATE ILLUSTRATION



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

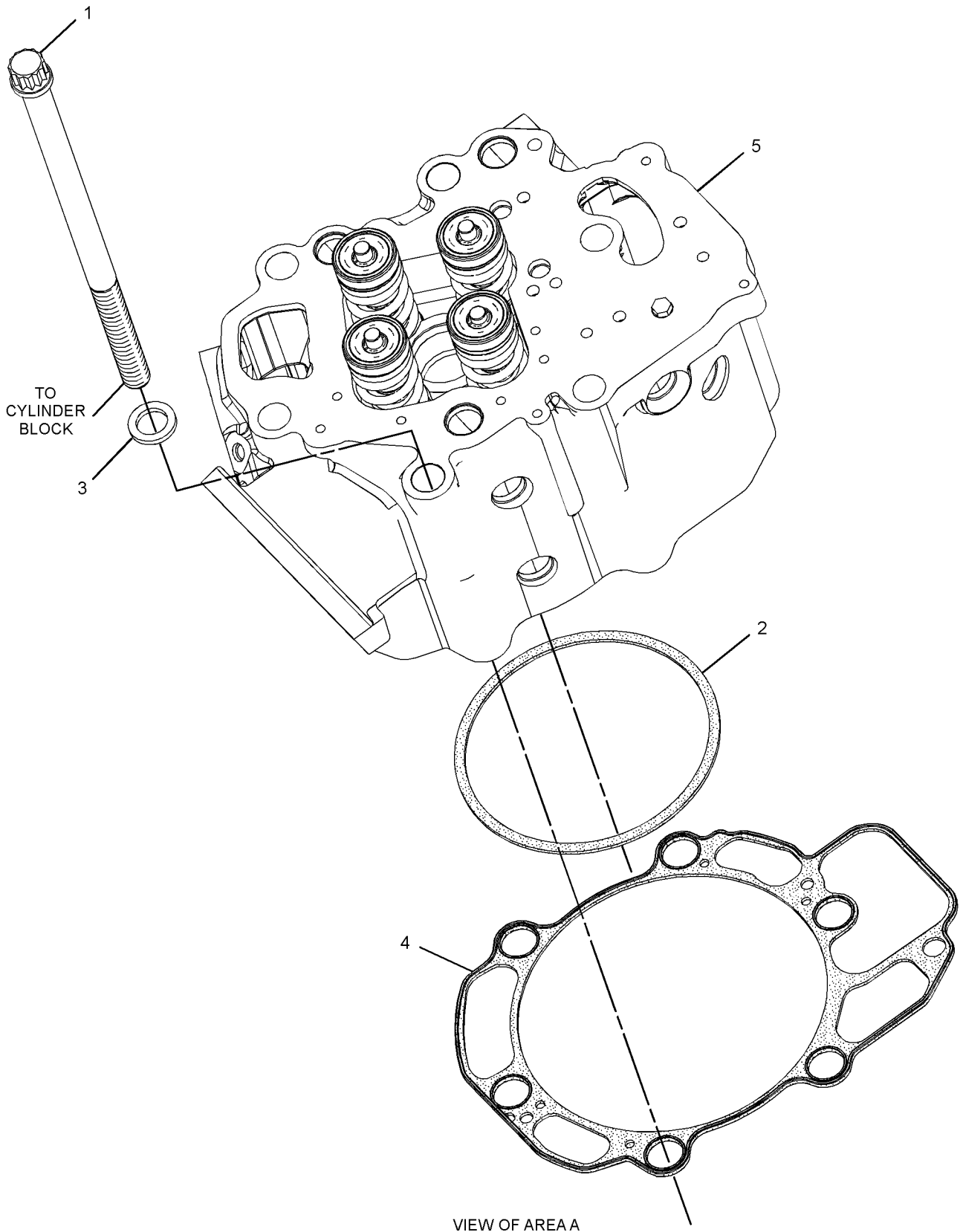
GRAPHIC #1

g01225148

BASIC ENGINE

274-7704 CYLINDER HEAD GP (contd.)

i02444559



GRAPHIC #2

<END>

g01225150

BASIC ENGINE

283-1682 CYLINDER HEAD GP

S/N: WYB1-UP

PART OF 274-7704 CYLINDER HEAD GP
AN ATTACHMENT

SMCS-1100

i02444569

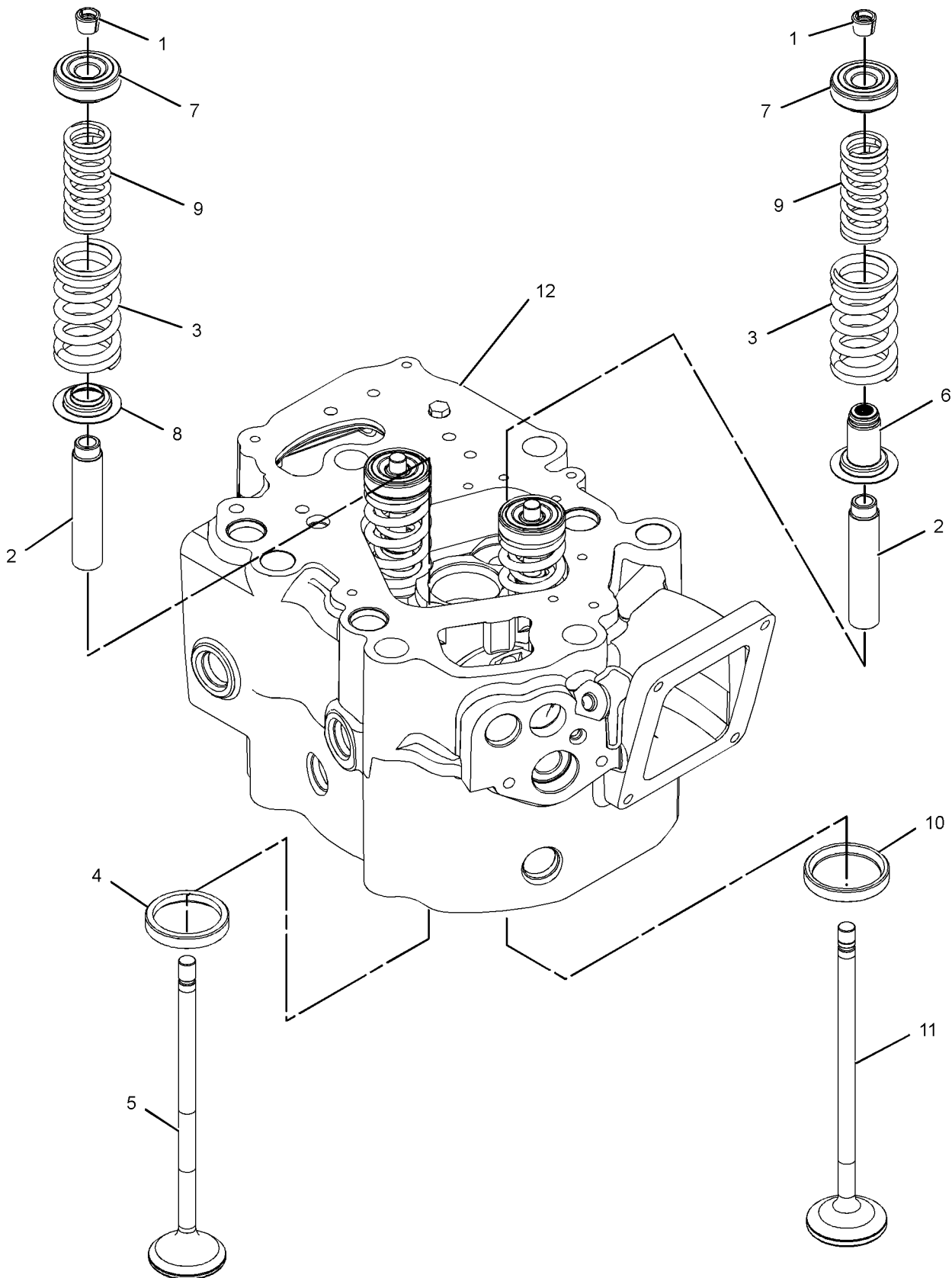
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	197-7055	8	LOCK-RETAINER						
	2	1	236-0544	4	GUIDE-VALVE						
	3	1	236-0550	4	SPRING (OUTER)						
	4	1	245-9900	2	INSERT-VALVE (EXHAUST)						
	5	1	254-2073	2	VALVE-EXHAUST						
	6	1	256-5983	2	SEAL						
	7	1	256-5984	4	ROTOCOIL AS						
	8	1	256-5985	2	RETAINER-VALVE						
	9	1	256-5986	4	SPRING (INNER)						
	10	1	273-1223	2	INSERT-VALVE (INLET)						
	11	1	273-1224	2	VALVE-INLET						
Y	12	1	283-1681	1	CYLINDER HEAD AS						27

Y-SEPARATE ILLUSTRATION

BASIC ENGINE

283-1682 CYLINDER HEAD GP (contd.)

i02444569



GRAPHIC #1

<END>

g01222644

BASIC ENGINE

283-1683 CYLINDER HEAD GP

S/N: WYB1-UP

PART OF 283-1684 CYLINDER HEAD GP
AN ATTACHMENT

SMCS-1100

i02444571

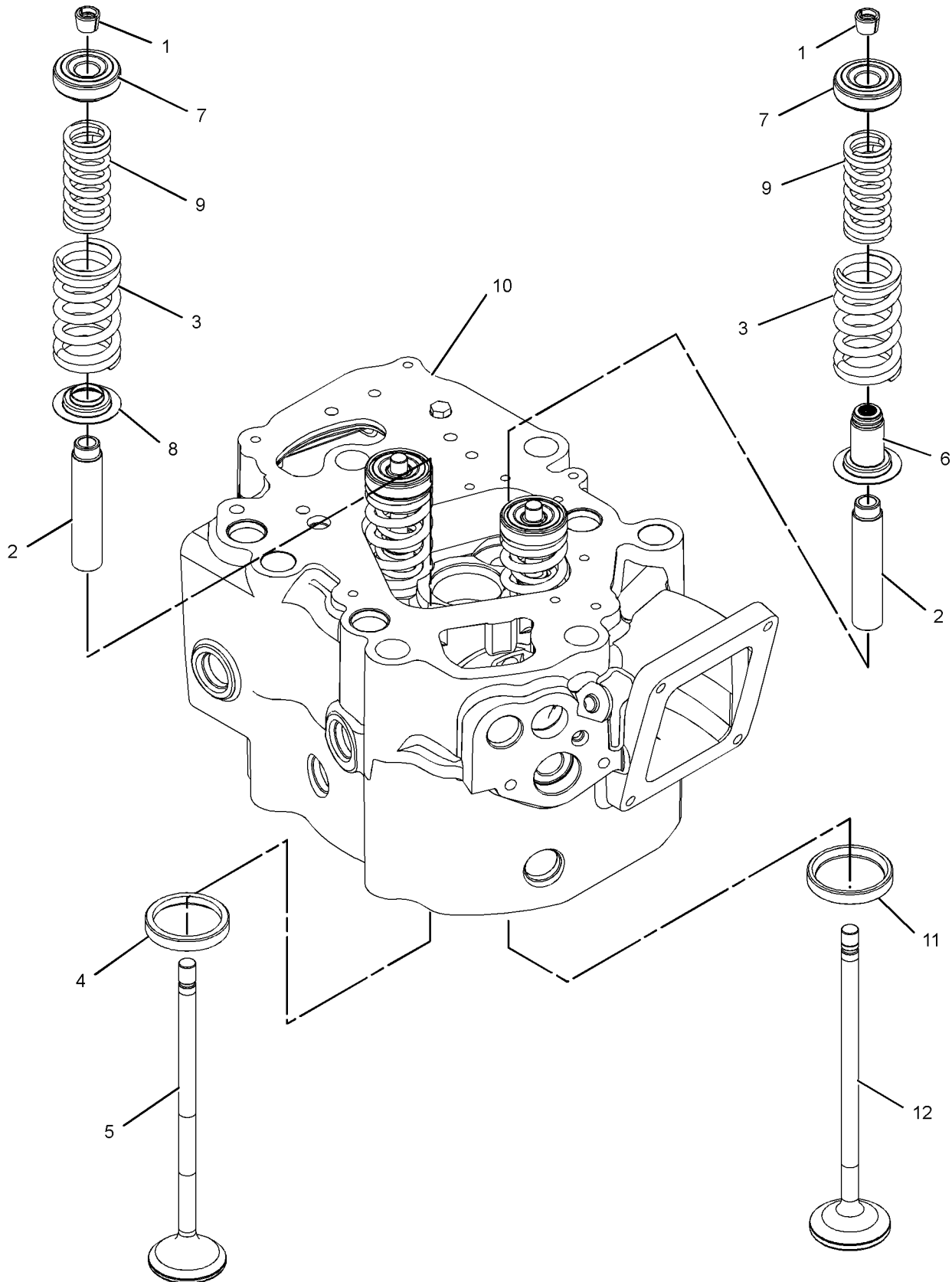
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					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	197-7055	8	LOCK-RETAINER						
	2	1	236-0544	4	GUIDE-VALVE						
	3	1	236-0550	4	SPRING (OUTER)						
	4	1	245-9900	2	INSERT-VALVE (EXHAUST)						
	5	1	254-2073	2	VALVE-EXHAUST						
	6	1	256-5983	2	SEAL						
	7	1	256-5984	4	ROTOCOIL AS						
	8	1	256-5985	2	RETAINER-VALVE						
	9	1	256-5986	4	SPRING (INNER)						
Y	10	1	279-0790	1	CYLINDER HEAD AS						26
	11	1	279-0798	2	INSERT-VALVE (INLET)						
	12	1	279-0799	2	VALVE-INLET						

Y-SEPARATE ILLUSTRATION

BASIC ENGINE

283-1683 CYLINDER HEAD GP (contd.)

i02444571



GRAPHIC #1

<END>

g01222649

BASIC ENGINE

283-1684 CYLINDER HEAD GP

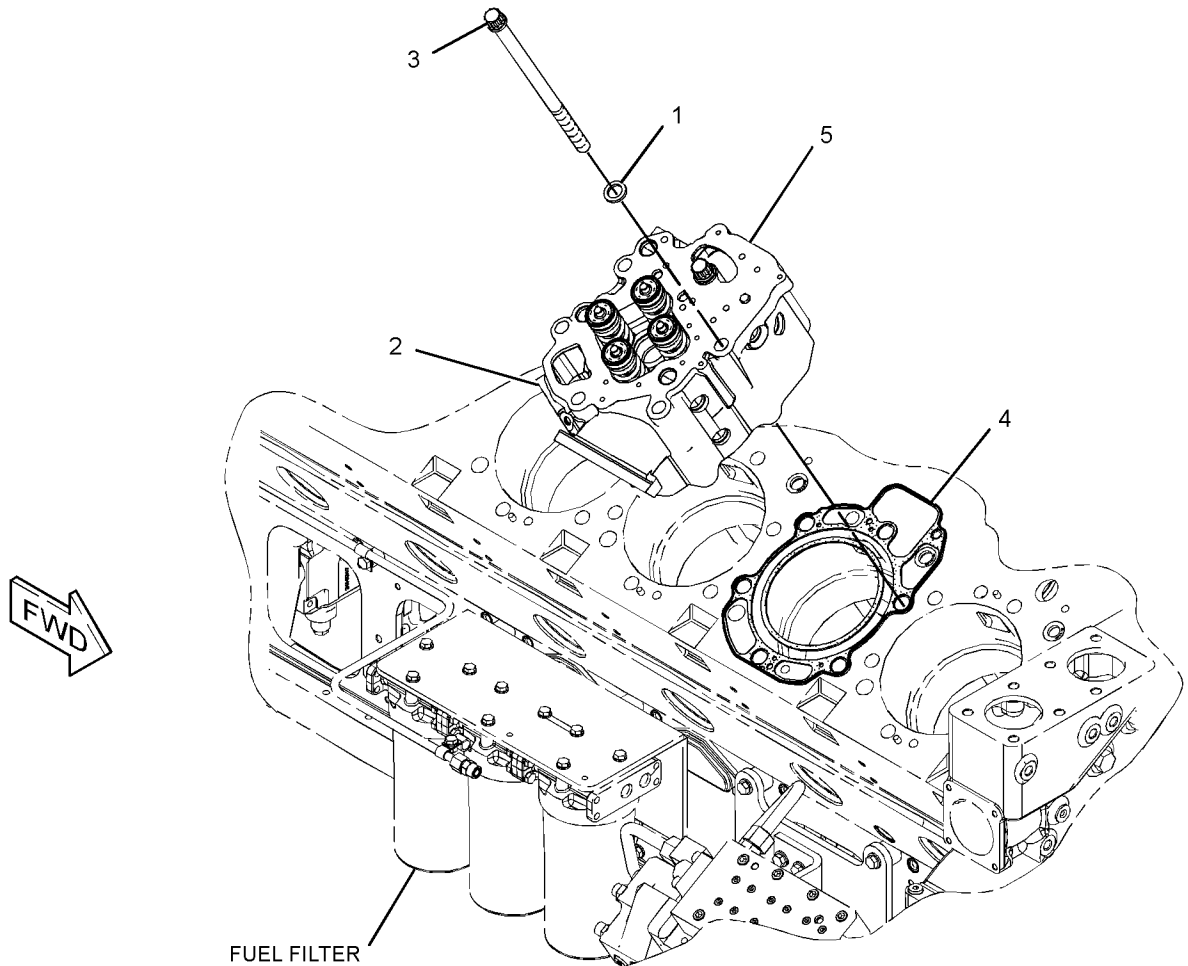
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1100

i02444572

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	152-0195	6	WASHER-HARD (24X36X4.5-MM THK)						
	2	1	258-9925	1	GASKET-COMBUSTION						
M	3	1	274-7701	6	BOLT-12 POINT HEAD (M22X1.5X380-MM)						
	4	1	279-6080	1	SEAL-INTEGRAL (CYLINDER HEAD)						
Y	5	1	283-1683	1	CYLINDER HEAD GP						35

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01225072

BASIC ENGINE

283-1685 CYLINDER HEAD GP

S/N: WYB1-UP

PART OF 283-1686 CYLINDER HEAD GP
AN ATTACHMENT

SMCS-1100

i02444573

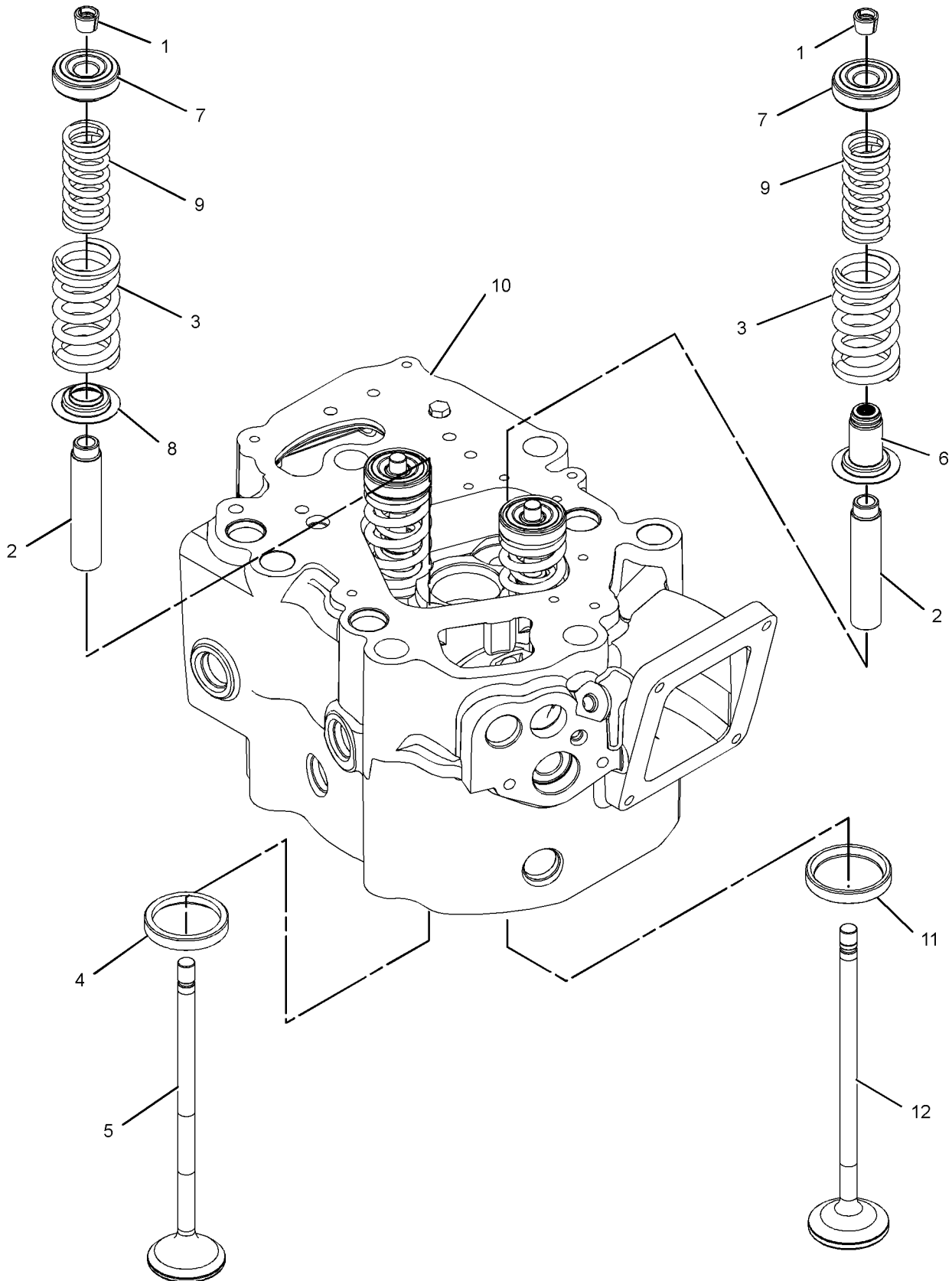
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	197-7055	8	LOCK-RETAINER						
	2	1	236-0544	4	GUIDE-VALVE						
	3	1	236-0550	4	SPRING (OUTER)						
	4	1	245-9900	2	INSERT-VALVE (EXHAUST)						
	5	1	254-2073	2	VALVE-EXHAUST						
	6	1	256-5983	2	SEAL						
	7	1	256-5984	4	ROTOCOIL AS						
	8	1	256-5985	2	RETAINER-VALVE						
	9	1	256-5986	4	SPRING (INNER)						
Y	10	1	279-0790	1	CYLINDER HEAD AS						26
	11	1	279-0800	2	INSERT-VALVE (INLET)						
	12	1	279-0801	2	VALVE-INLET						

Y-SEPARATE ILLUSTRATION

BASIC ENGINE

283-1685 CYLINDER HEAD GP (contd.)

i02444573



GRAPHIC #1

<END>

g01222509

BASIC ENGINE

283-1686 CYLINDER HEAD GP

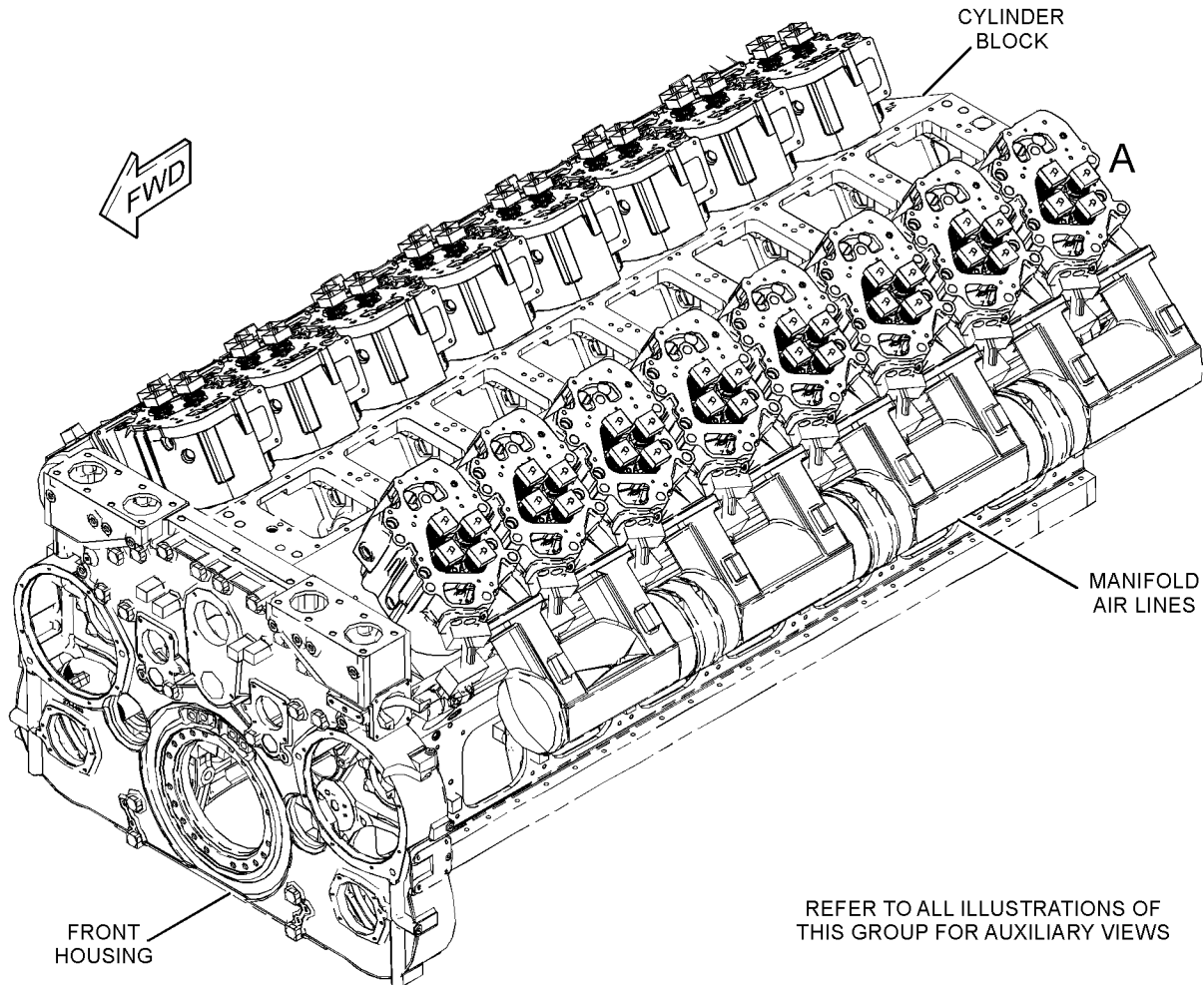
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1100

i02444575

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	2	274-7701	6	BOLT-12 POINT HEAD (M22X1.5X380-MM)						
	2	2	258-9925	1	GASKET-COMBUSTION						
	3	2	152-0195	6	WASHER-HARD (24X36X4.5-MM THK)						
	4	2	279-6080	1	SEAL-INTEGRAL (CYLINDER HEAD)						
Y	5	2	283-1685	1	CYLINDER HEAD GP						38

M-METRIC PART
Y-SEPARATE ILLUSTRATION



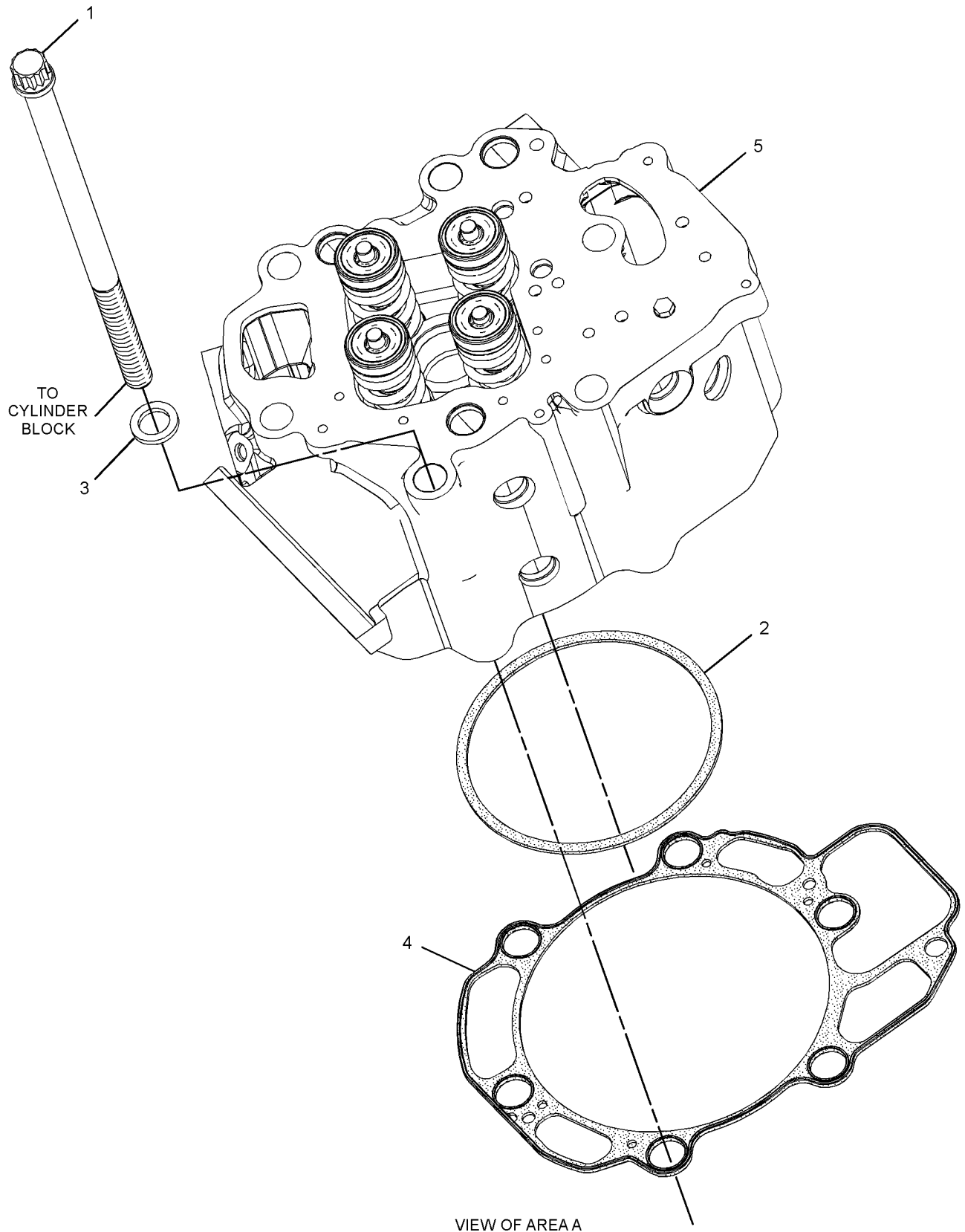
GRAPHIC #1

g01225148

BASIC ENGINE

283-1686 CYLINDER HEAD GP (contd.)

i02444575



GRAPHIC #2

<END>

g01225150

BASIC ENGINE

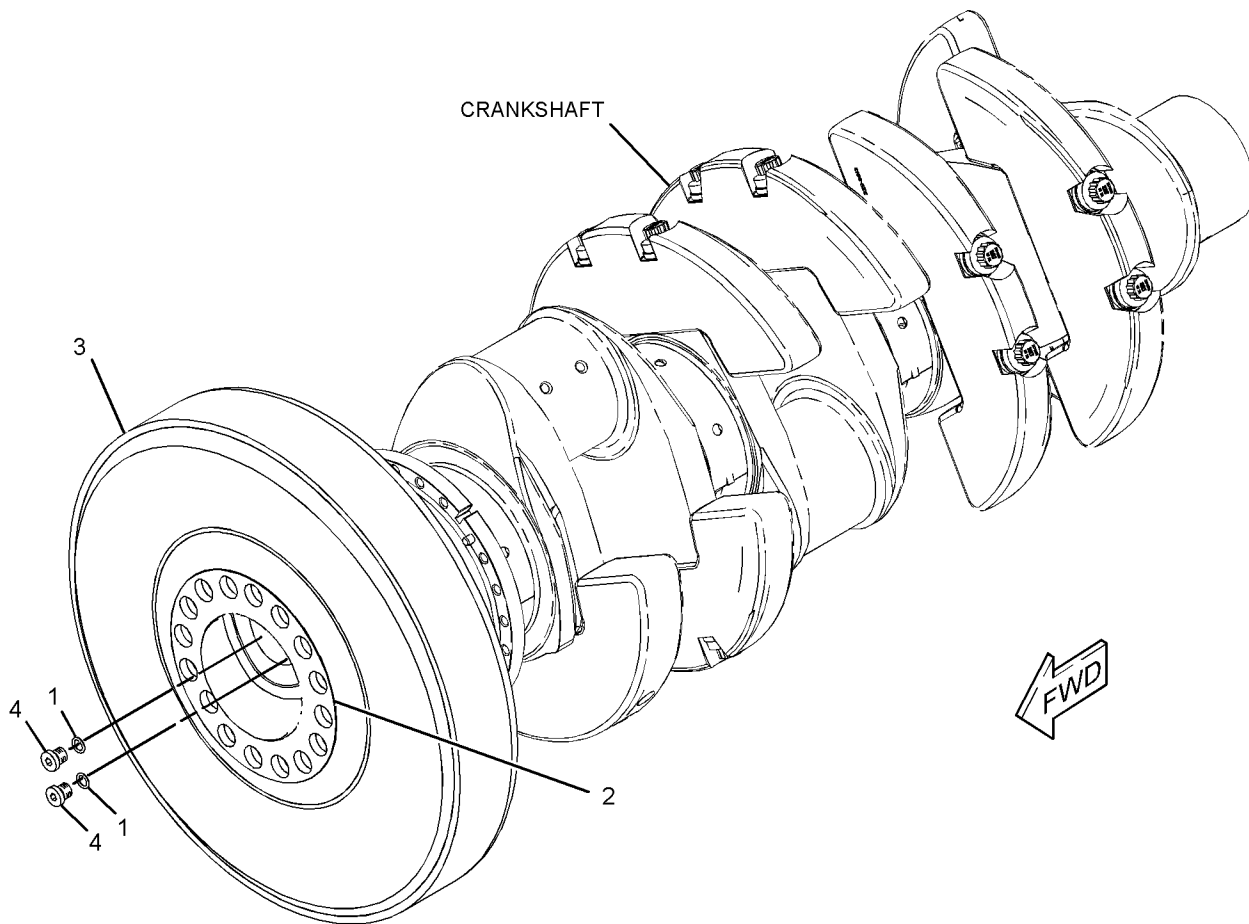
240-0311 DAMPER GP

S/N: WYB1-UP
AN ATTACHMENT

SMCS - 1205

i02444255

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	215-3580	2	SEAL-O-RING						
	2	1	240-0309	1	ADAPTER						
	3	1	240-0310	1	DAMPER GP						
	4	1	241-6157	2	PLUG						



GRAPHIC #1

<END>

g01227168

BASIC ENGINE

247-4903 DRAIN GP-ENGINE OIL-RH

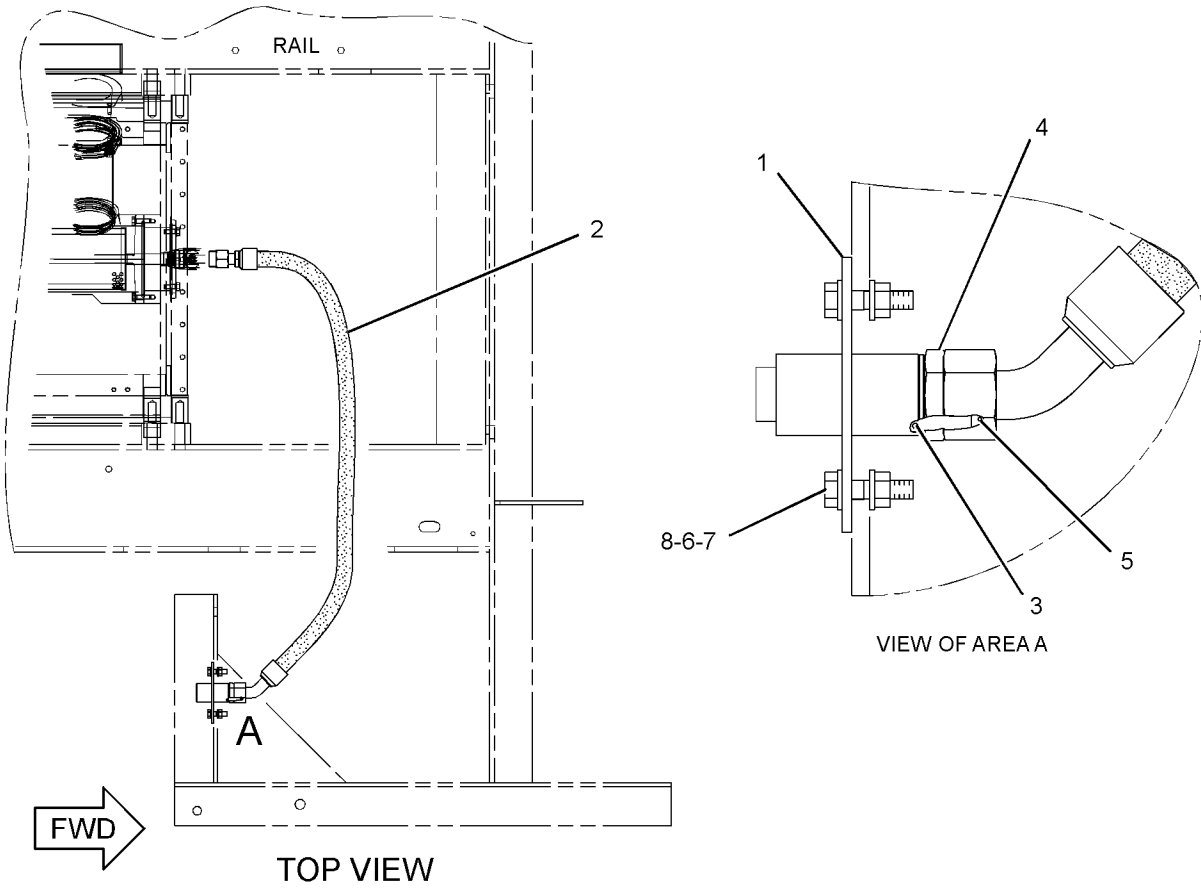
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1302

i02444304

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	259-9120	1	FLANGE AS-MOUNTING						
I	2	1	284-0030	1	HOSE AS						
	3	1	215-4639	2	SEAL-O-RING						
	4	1	227-0065	2	CONNECTOR						
	5	1	228-7093	2	SEAL-O-RING						
	6	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	7	1	8T-4133	2	NUT (M10X1.5-THD)						
M	8	1	8T-4186	2	BOLT (M10X1.5X40-MM)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART



GRAPHIC #1

<END>

g01228621

BASIC ENGINE

247-4907 DRAIN GP-ENGINE OIL-RH

S/N: WYB1-UP

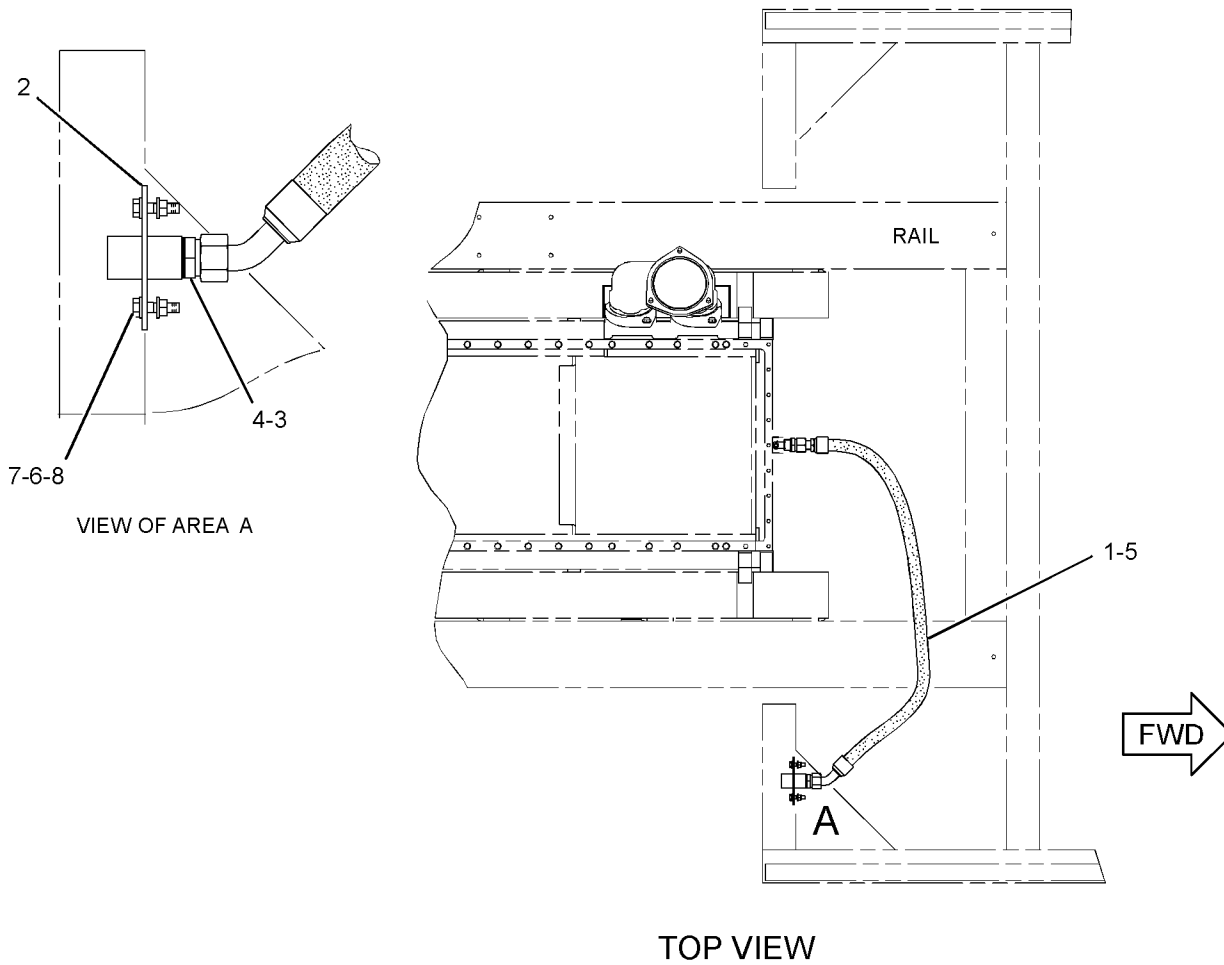
FOR USE WITH 3000-SERIES RAILS
AN ATTACHMENT

SMCS-1302

i02479807

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	118-0907	1	HOSE AS						
	2	1	259-9120	1	FLANGE AS-MOUNTING						
	3	1	215-4639	2	SEAL-O-RING						
	4	1	227-0065	2	CONNECTOR						
	5	1	228-7093	2	SEAL-O-RING						
	6	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	7	1	8T-4133	2	NUT (M10X1.5-THD)						
M	8	1	8T-4186	2	BOLT (M10X1.5X40-MM)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART



GRAPHIC #1

<END>

g01242059

BASIC ENGINE

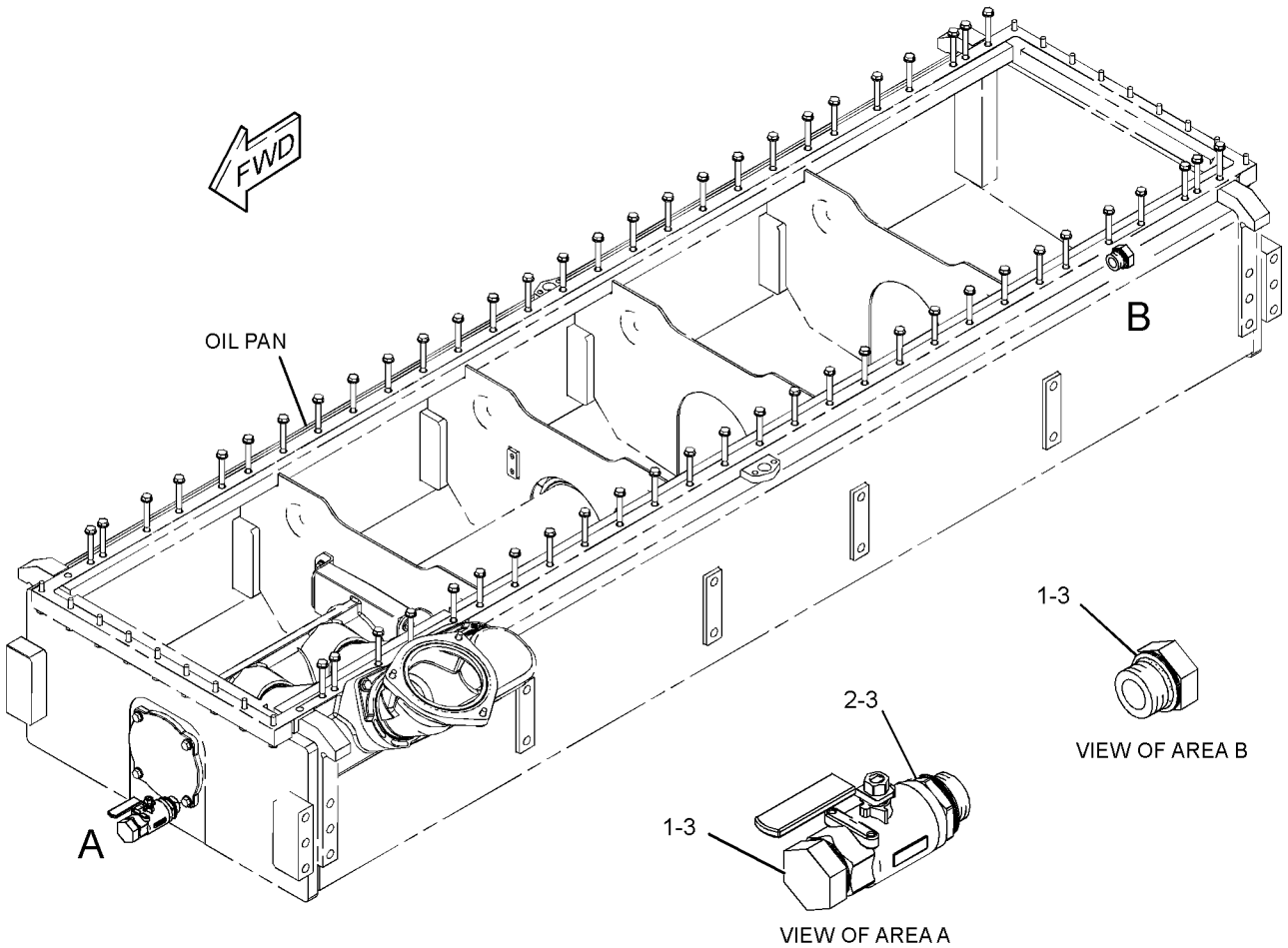
254-2064 DRAIN GP-ENGINE OIL

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1302

i02444401

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	241-6174	2	PLUG						
	2	1	241-6182	1	VALVE-BALL						
	3	1	215-4639	3	SEAL-O-RING						



GRAPHIC #1

<END>

g01224997

BASIC ENGINE

259-9119 DRAIN GP-ENGINE OIL-RH

S/N: WYB1-UP

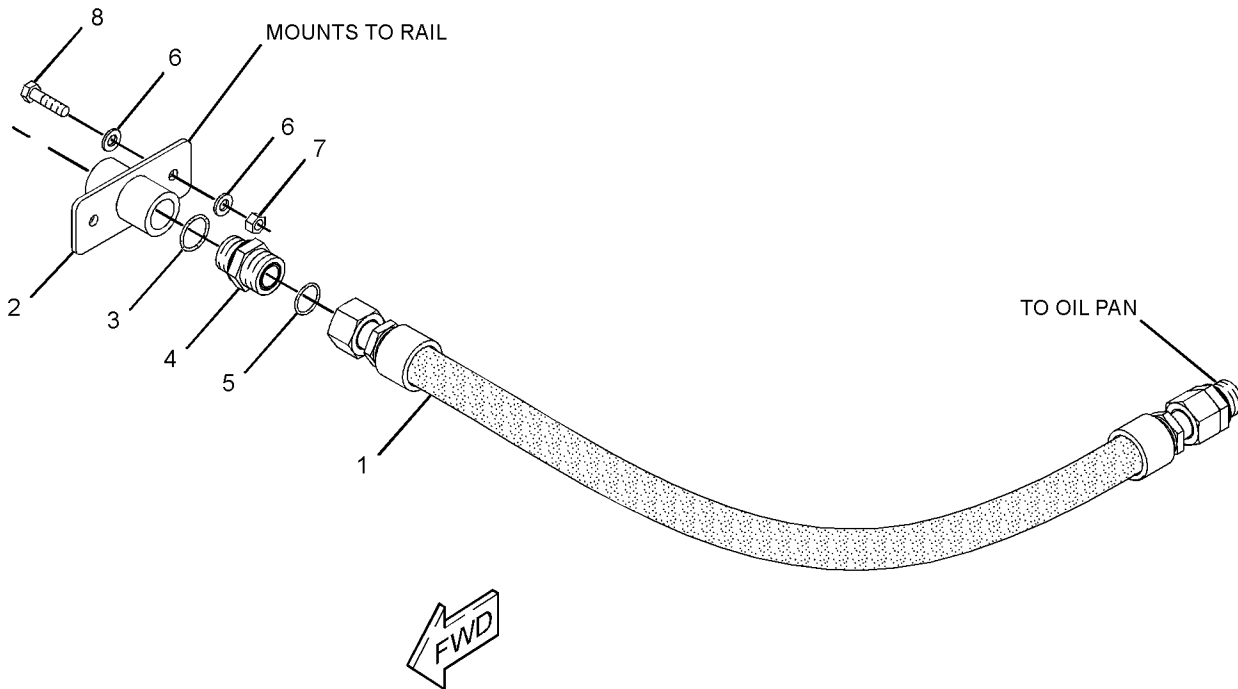
**CANNOT BE USED WITH MOUNTED RADIATOR
AN ATTACHMENT**

SMCS-1302

i02444450

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	251-2011	1	HOSE AS						
	2	1	259-9120	1	FLANGE AS-MOUNTING						
	3	1	215-4639	2	SEAL-O-RING						
	4	1	227-0065	2	CONNECTOR						
	5	1	228-7093	2	SEAL-O-RING						
	6	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	7	1	8T-4133	2	NUT (M10X1.5-THD)						
M	8	1	8T-4186	2	BOLT (M10X1.5X40-MM)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART



GRAPHIC #1

<END>

g01224994

BASIC ENGINE

259-9221 DRIVE GP-FAN

S/N: WYB1-UP
AN ATTACHMENT

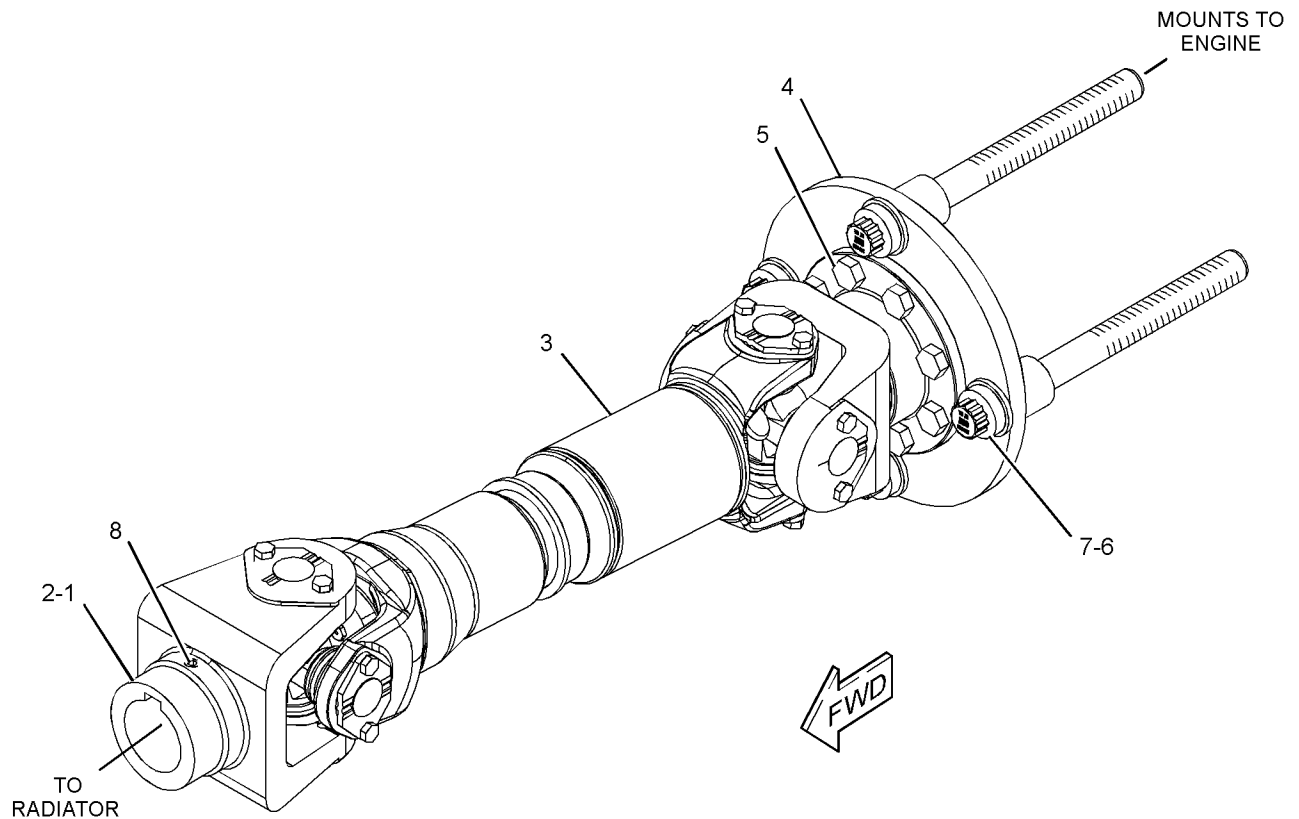
SMCS-1359

i02479825

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	125-5857	1	KEY						
	2	1	276-8461	1	YOKE-END						
Y	3	1	276-8462	1	SHAFT GP-DRIVE						653
	4	1	276-8463	1	ADAPTER						
M	5	1	096-9988	8	BOLT (M14X2X30-MM)						
M	6	1	276-8999	4	BOLT-12 POINT HEAD (M24X2X254-MM)						
	7	1	6V-8237	4	WASHER (26X44X4-MM THK)						
M	8	1	8T-9533	1	SETSCREW (M12X1.75-THD)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01240945

BASIC ENGINE

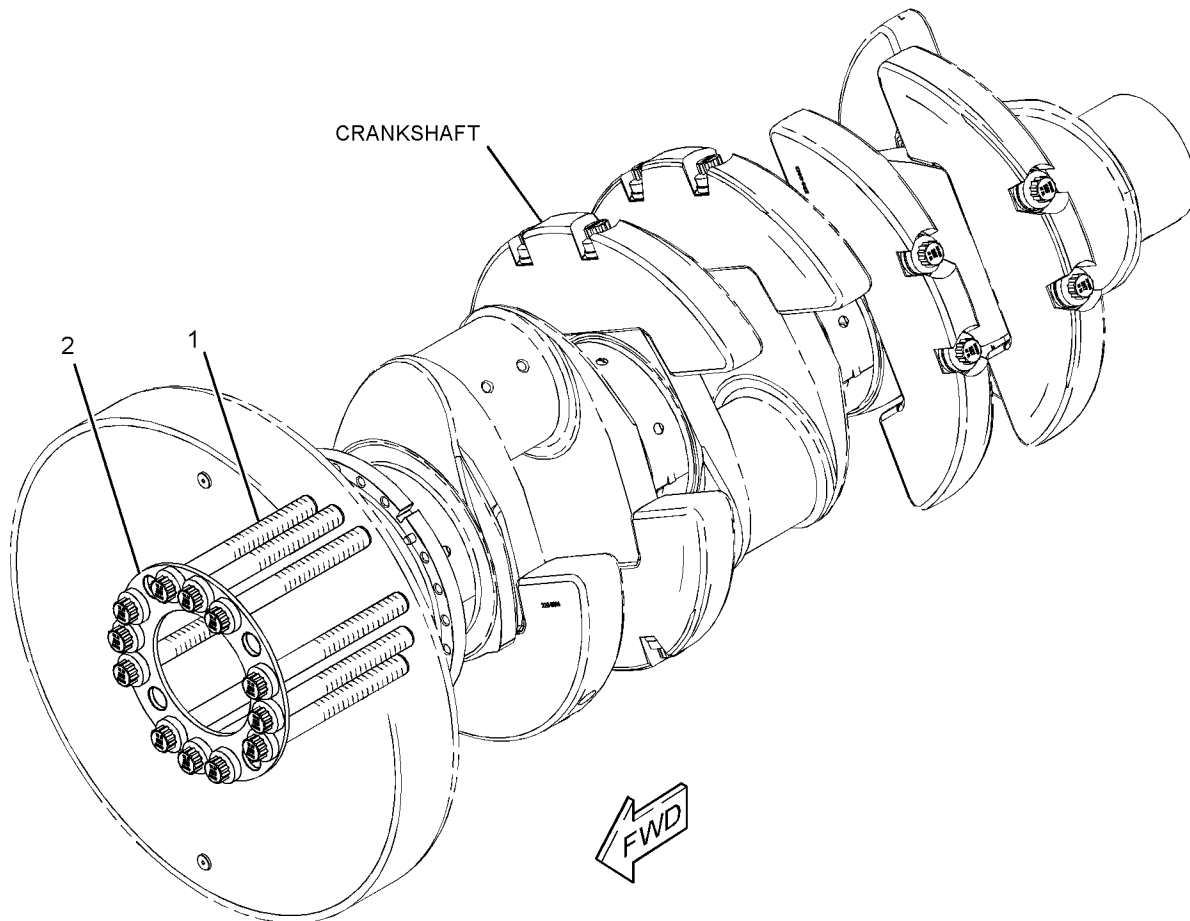
249-6399 FASTENER GP-DAMPER

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1205, 7553

i02443547

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	240-0312	12	BOLT-12 POINT HEAD (M24X2X204-MM)						
	2	1	246-6671	1	SPACER						



GRAPHIC #1

<END>

g01227180

BASIC ENGINE

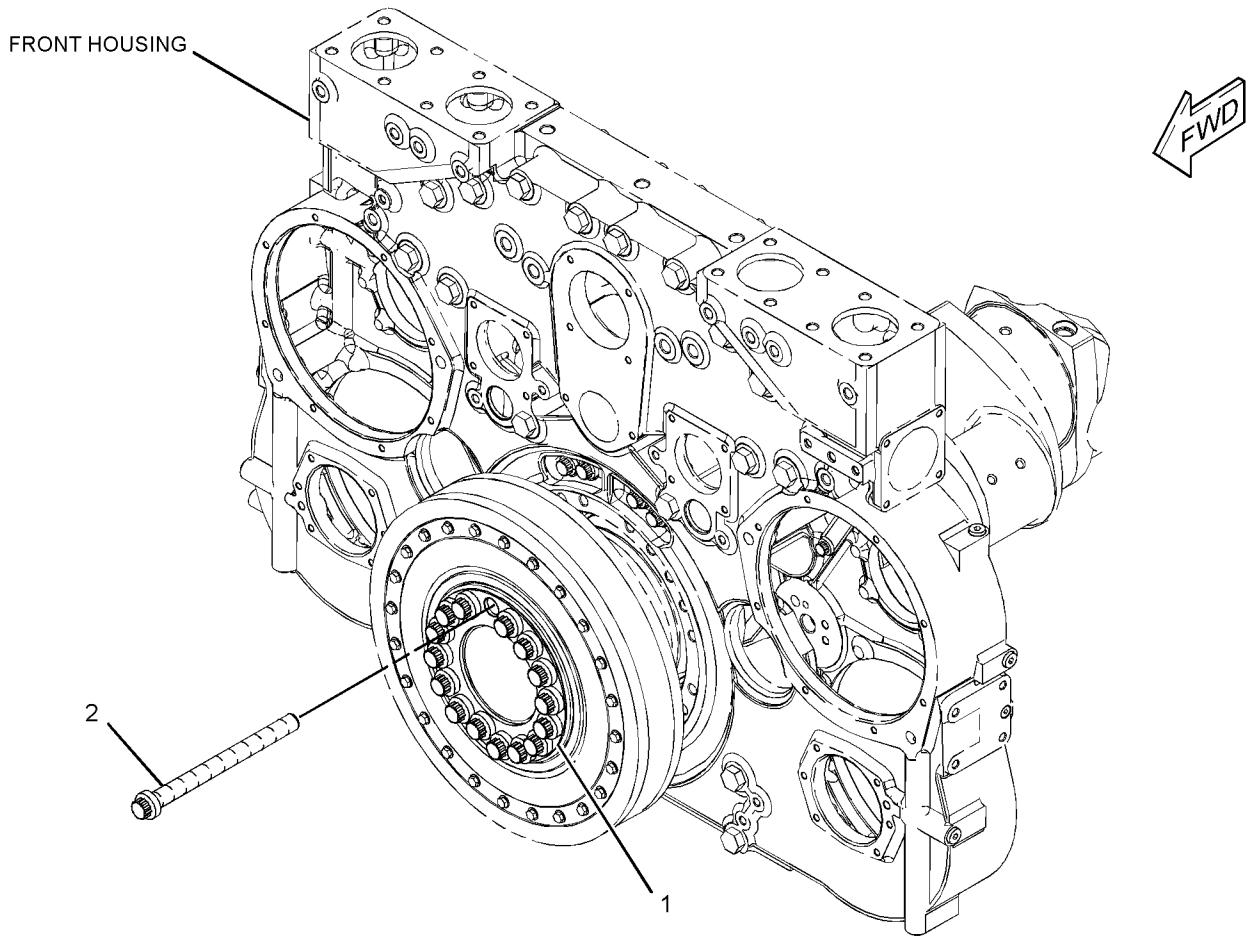
270-6862 FASTENER GP-DAMPER

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1205, 7553

i02440988

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	266-2182	1	SPACER						
	2	1	274-7709	16	BOLT (M24X2X272-MM)						



GRAPHIC #1

<END>

g01224368

BASIC ENGINE

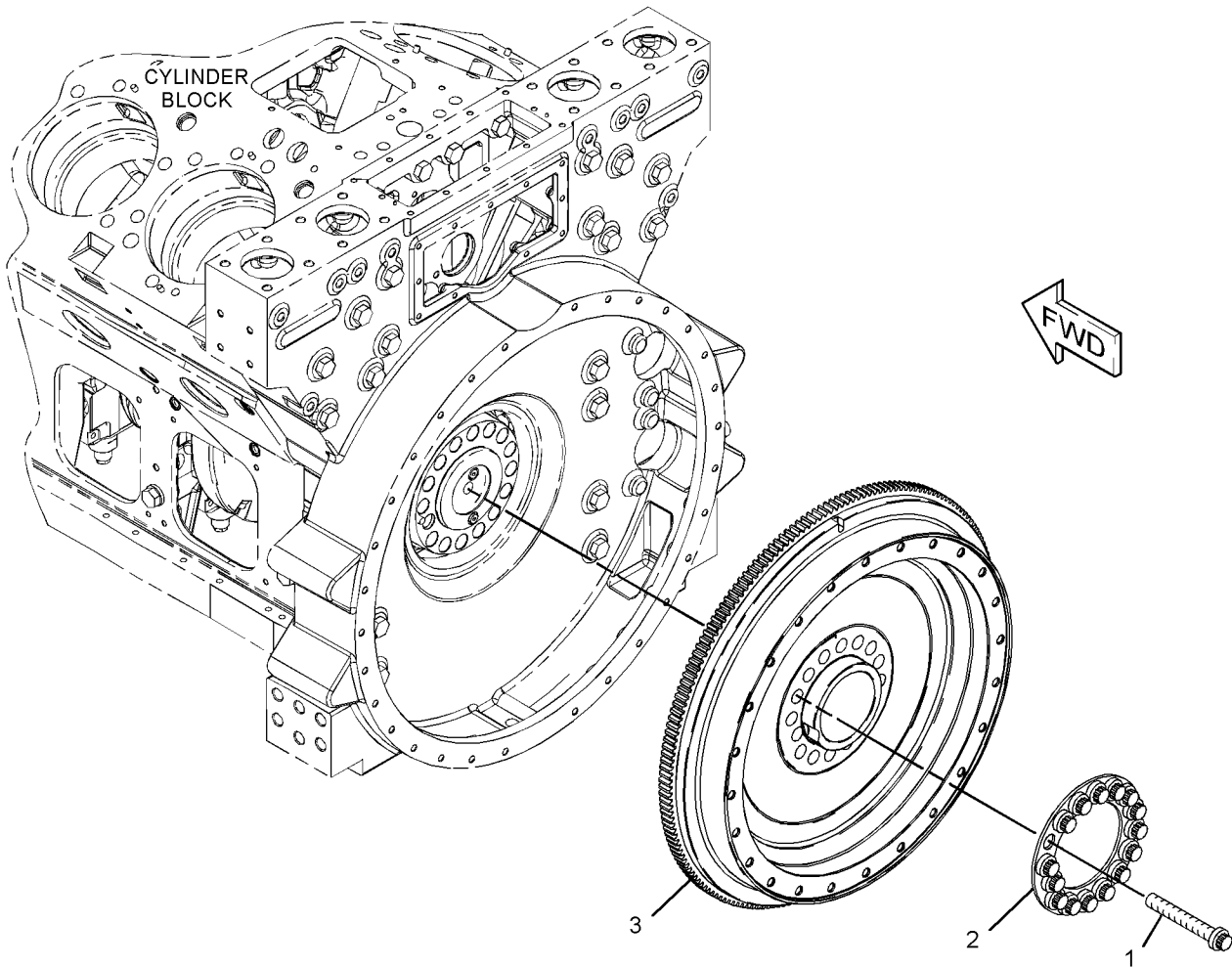
248-7571 FLYWHEEL GP

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1156

i02444328

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	243-6432	16	BOLT-12 POINT HEAD (M24X2X158-MM)						
	2	1	249-3976	1	SPACER						
	3	1	270-6829	1	FLYWHEEL AS						
		1	233-0643	1	GEAR-FLYWHEEL (183-TEETH)						



GRAPHIC #1

<END>

g01223122

BASIC ENGINE

250-9959 GEAR GP-FRONT

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1206

i02444353

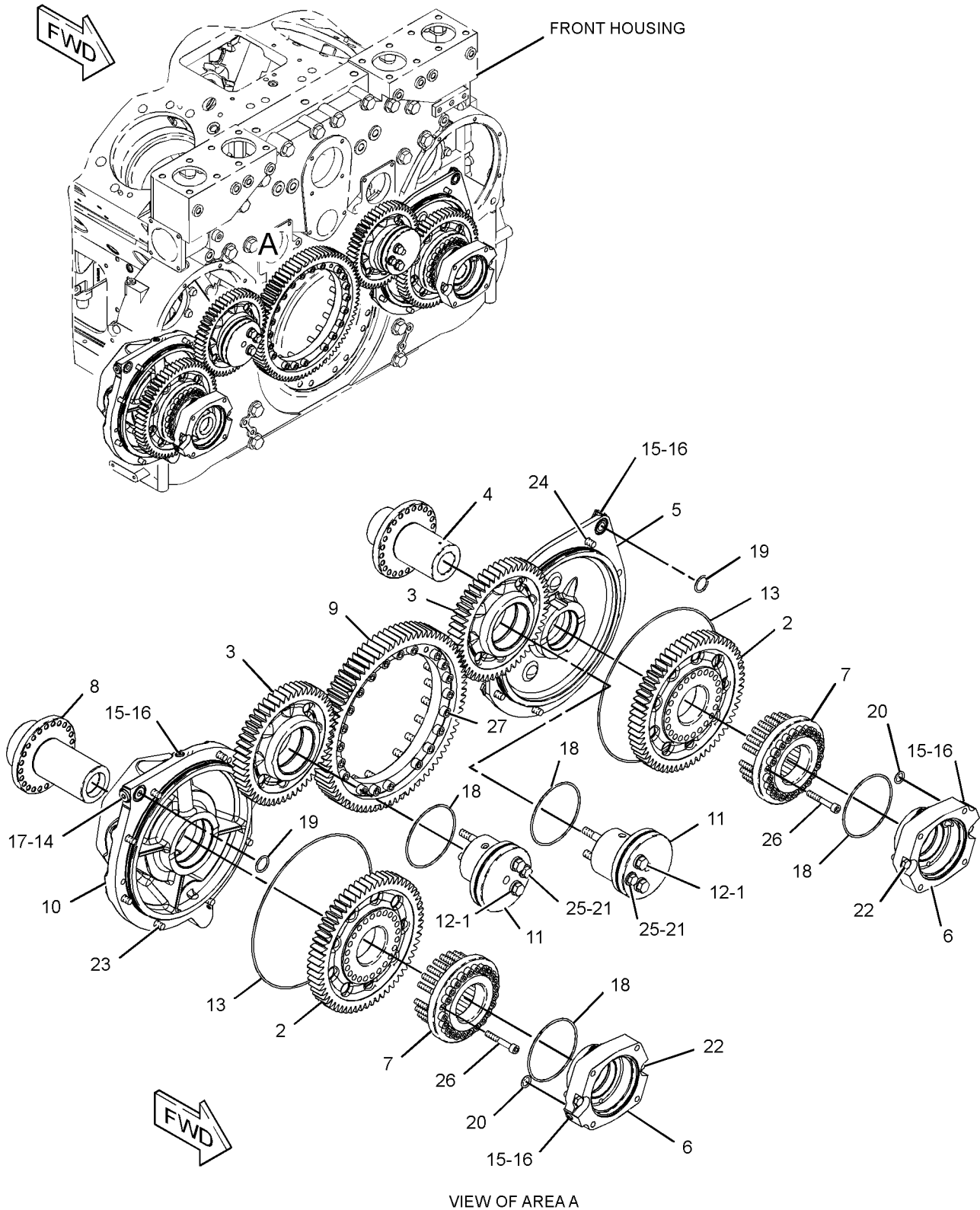
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9L-9009	4	WASHER (0.594X1.062X0.188-IN THK)						
	2	1	244-8593	2	GEAR-AUXILIARY DRIVE (61-TEETH)						
	3	1	246-6678	2	GEAR AS-IDLER (53-TEETH)						
					(EACH INCLUDES)						
		1	246-6679	1	BEARING						
	4	1	246-6691	1	SHAFT-PUMP DRIVE						
	5	1	247-3417	1	ADAPTER AS-PUMP (OIL)						
		1	127-5400	1	BEARING-SLEEVE						
	6	1	248-7582	2	ADAPTER AS-FRONT (LOWER)						
					(EACH INCLUDES)						
		1	127-5400	1	BEARING-SLEEVE						
	7	1	250-9948	2	SPACER						
	8	1	251-5516	1	SHAFT						
	9	1	254-2075	1	GEAR-CRANKSHAFT (82-TEETH)						
	10	1	262-4136	1	ADAPTER AS-PUMP (FUEL)						
		1	268-4148	1	BEARING-SLEEVE						
	11	1	271-4492	2	SHAFT-IDLER						
M	12	1	099-0724	4	BOLT (M14X2X145-MM)						
	13	1	165-4852	2	SEAL-O-RING						
	14	1	214-7565	1	SEAL-O-RING						
	15	1	216-4098	4	PLUG						
	16	1	228-7099	4	SEAL-O-RING						
	17	1	241-6158	1	PLUG						
	18	1	259-4598	4	SEAL-O-RING						
	19	1	5P-8118	2	SEAL-O-RING						
	20	1	5P-8119	2	SEAL-O-RING						
	21	1	5P-8245	2	WASHER-HARD (13.5X25.5X3-MM THK)						
M	22	1	6V-1820	4	BOLT (M10X1.5X30-MM)						
M	23	1	6V-5684	8	BOLT (M12X1.75X45-MM)						
M	24	1	6V-8197	5	BOLT (M12X1.75X40-MM)						
M	25	1	8T-0646	2	BOLT (M12X1.75X110-MM)						
M	26	1	8T-2392	48	BOLT-SOCKET HEAD (M10X1.5X65-MM)						
M	27	1	8T-7811	21	BOLT-SOCKET HEAD (M12X1.75X50-MM)						

M-METRIC PART

BASIC ENGINE

250-9959 GEAR GP-FRONT (contd.)

i02444353



GRAPHIC #1

<END>

g01222831

BASIC ENGINE

277-6909 GEAR GP-FRONT

S/N: WYB1-UP
AN ATTACHMENT

SMCS - 1206

i02479842

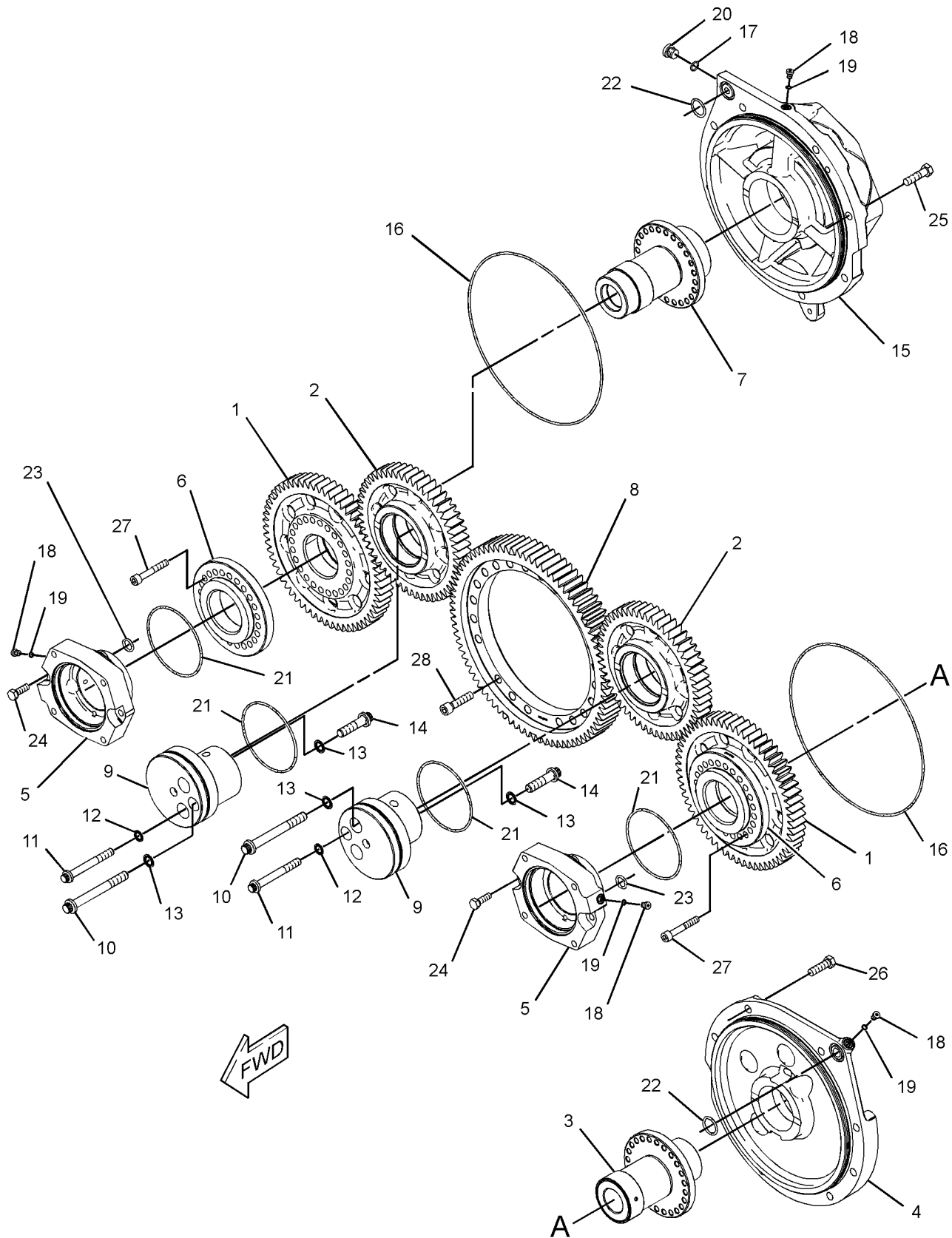
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	244-8593	2	GEAR-AUXILIARY DRIVE (61-TEETH)						
	2	1	246-6678	2	GEAR AS-IDLER (53-TEETH)						
		1	246-6679	1	BEARING						
	3	1	246-6691	1	SHAFT-PUMP DRIVE						
	4	1	247-3417	1	ADAPTER AS-PUMP						
		1	127-5400	1	BEARING-SLEEVE						
	5	1	248-7582	2	ADAPTER AS-FRONT						
		1	127-5400	1	BEARING-SLEEVE						
	6	1	250-9948	2	SPACER						
	7	1	251-5516	1	SHAFT						
	8	1	254-2075	1	GEAR-CRANKSHAFT (82-TEETH)						
	9	1	277-6911	2	SHAFT-IDLER						
M	10	1	279-0768	4	BOLT-12 POINT HEAD (M14X2X125-MM)						
M	11	1	279-0769	2	BOLT-12 POINT HEAD (M12X1.75X100-MM)						
M	12	1	281-2711	2	WASHER (11.7X19.3X1.7-MM THK)						
M	13	1	281-2712	6	WASHER (13.7X22.4X1.7-MM THK)						
M	14	1	281-3114	2	BOLT-12 POINT HEAD (M14X2X55-MM)						
	15	1	284-1516	1	ADAPTER AS-PUMP						
		1	268-4148	1	BEARING-SLEEVE						
	16	1	165-4852	2	SEAL-O-RING						
	17	1	214-7565	1	SEAL-O-RING						
	18	1	216-4098	4	PLUG						
	19	1	228-7099	4	SEAL-O-RING						
	20	1	241-6158	1	PLUG						
	21	1	259-4598	4	SEAL-O-RING						
	22	1	5P-8118	2	SEAL-O-RING						
	23	1	5P-8119	2	SEAL-O-RING						
M	24	1	6V-1820	4	BOLT (M10X1.5X30-MM)						
M	25	1	6V-5684	8	BOLT (M12X1.75X45-MM)						
M	26	1	6V-8197	5	BOLT (M12X1.75X40-MM)						
M	27	1	8T-2392	48	BOLT-SOCKET HEAD (M10X1.5X65-MM)						
M	28	1	8T-7811	21	BOLT-SOCKET HEAD (M12X1.75X50-MM)						

M-METRIC PART

BASIC ENGINE

277-6909 GEAR GP-FRONT (contd.)

i02479842



GRAPHIC #1

<END>

g01241084

BASIC ENGINE

282-8771 GEAR GP-FRONT

S/N: WYB1-UP
AN ATTACHMENT

SMCS - 1206

i02479839

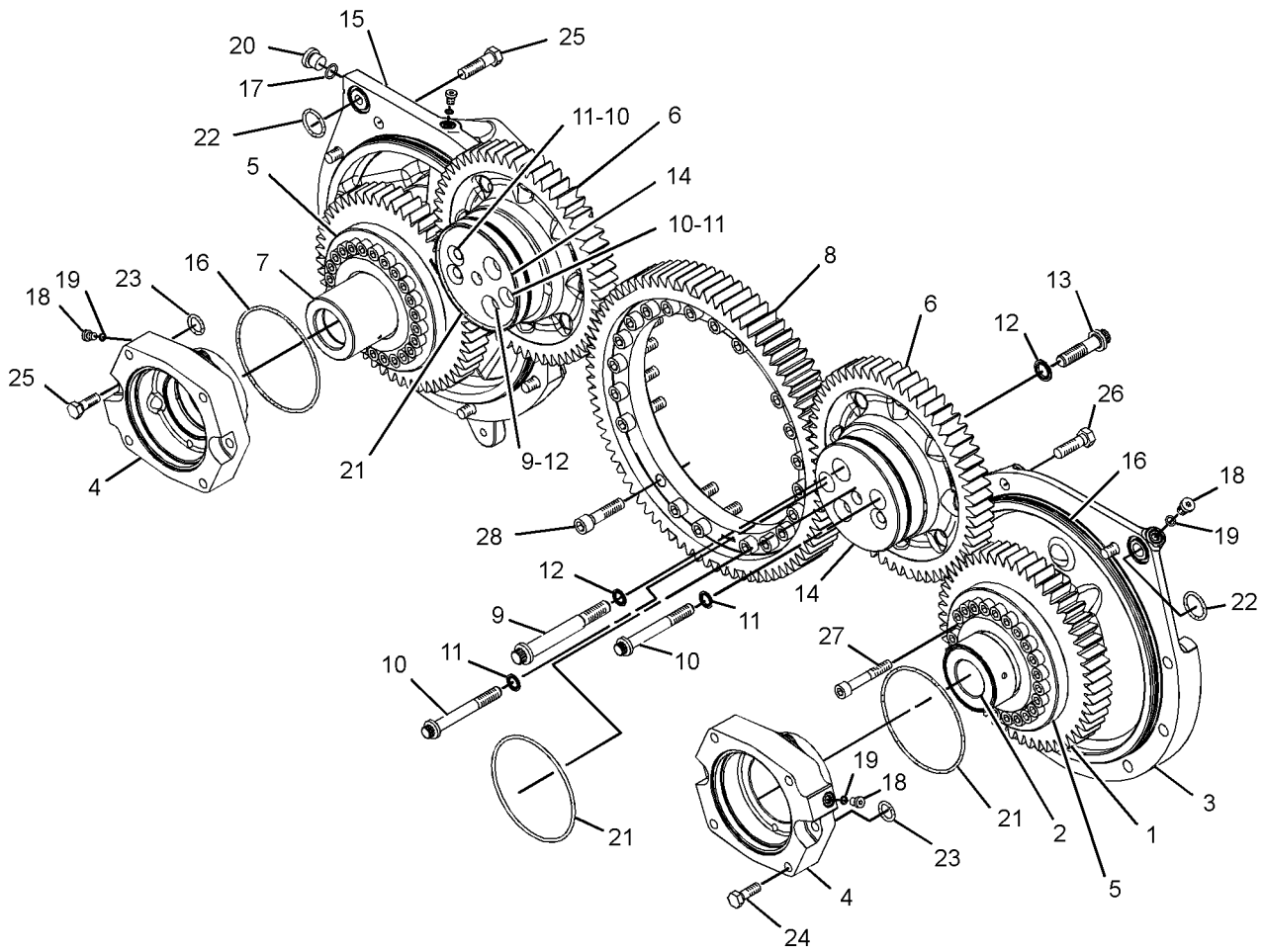
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	244-8596	2	GEAR-AUXILIARY DRIVE (53-TEETH)						
	2	1	246-6691	1	SHAFT-PUMP DRIVE						
	3	1	247-3417	1	ADAPTER AS-PUMP (OIL)						
		1	127-5400	1	BEARING-SLEEVE						
	4	1	248-7582	2	ADAPTER AS-FRONT (LOWER)						
					(EACH INCLUDES)						
		1	127-5400	1	BEARING-SLEEVE						
	5	1	250-9948	2	SPACER (SPECIAL)						
	6	1	250-9949	2	GEAR AS-IDLER (57-TEETH)						
					(EACH INCLUDES)						
		1	116-1365	1	BEARING						
	7	1	251-5516	1	SHAFT						
	8	1	254-2075	1	GEAR-CRANKSHAFT (82-TEETH)						
M	9	1	279-0768	4	BOLT-12 POINT HEAD (M14X2X125-MM)						
M	10	1	279-0769	6	BOLT-12 POINT HEAD (M12X1.75X100-MM)						
M	11	1	281-2711	6	WASHER (11.7X19.3X1.7-MM THK)						
M	12	1	281-2712	6	WASHER (13.7X22.4X1.7-MM THK)						
M	13	1	281-3114	2	BOLT-12 POINT HEAD (M14X2X55-MM)						
	14	1	282-8915	2	SHAFT-IDLER						
	15	1	284-1516	1	ADAPTER AS-PUMP (FUEL)						
		1	268-4148	1	BEARING-SLEEVE						
	16	1	165-4852	2	SEAL-O-RING						
	17	1	214-7565	1	SEAL-O-RING						
	18	1	216-4098	4	PLUG						
	19	1	228-7099	4	SEAL-O-RING						
	20	1	241-6158	1	PLUG						
	21	1	259-4598	4	SEAL-O-RING						
	22	1	5P-8118	2	SEAL-O-RING						
	23	1	5P-8119	2	SEAL-O-RING						
M	24	1	6V-1820	4	BOLT (M10X1.5X30-MM)						
M	25	1	6V-5684	8	BOLT (M12X1.75X45-MM)						
M	26	1	6V-8197	5	BOLT (M12X1.75X40-MM)						
M	27	1	8T-2392	48	BOLT-SOCKET HEAD (M10X1.5X65-MM)						
M	28	1	8T-7811	21	BOLT-SOCKET HEAD (M12X1.75X50-MM)						

M-METRIC PART

BASIC ENGINE

282-8771 GEAR GP-FRONT (contd.)

i02479839



GRAPHIC #1

<END>

g01243128

BASIC ENGINE

254-2074 GEAR GP-REAR

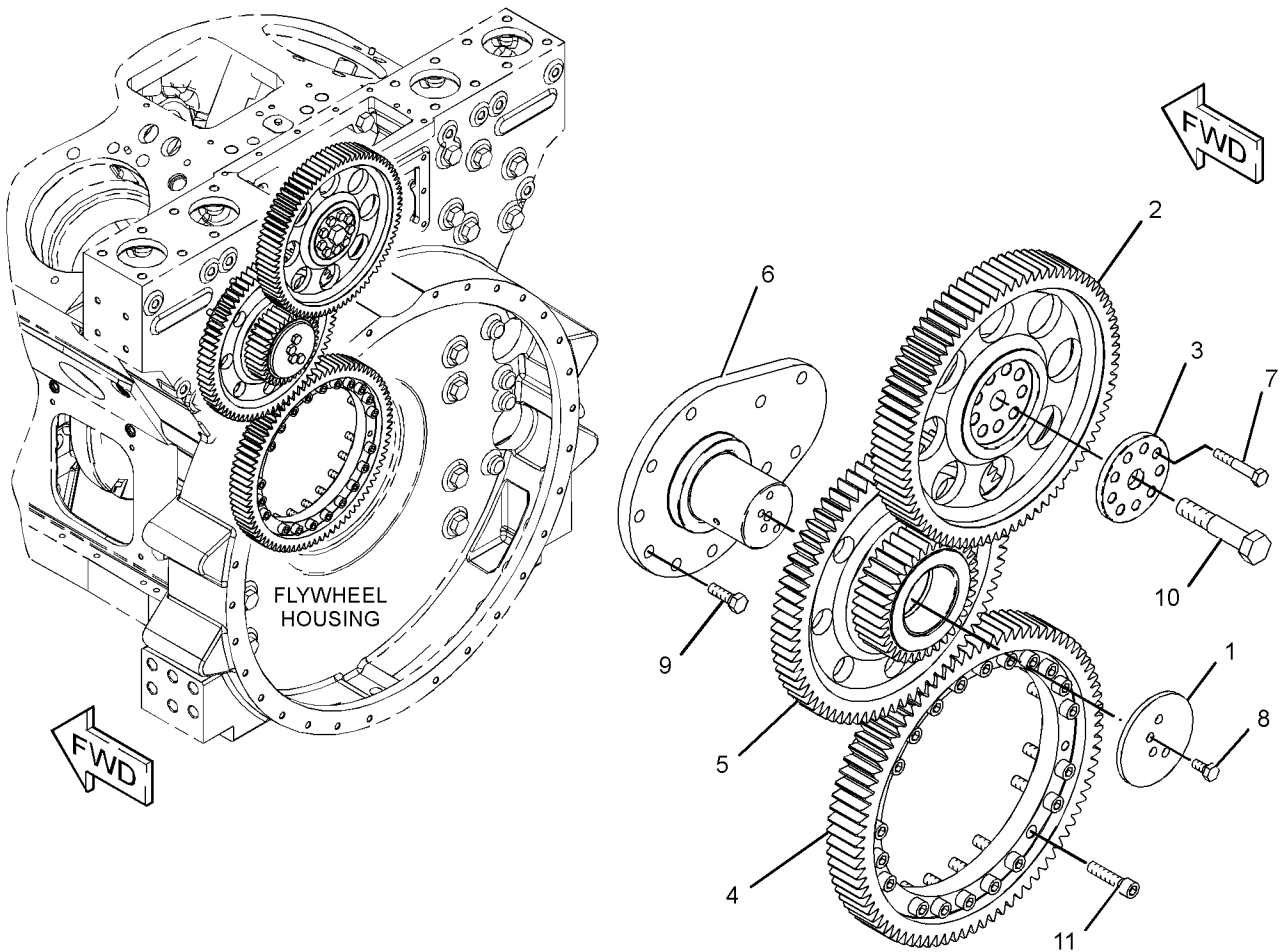
S/N: WYB1-UP

SMCS-1204

i02472845

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	101-1365	1	PLATE-THRUST						
	2	1	245-1355	1	GEAR-CAMSHAFT (82-TEETH)						
	3	1	245-9903	1	PLATE-CAM						
	4	1	254-2075	1	GEAR-CRANKSHAFT (82-TEETH)						
	5	1	254-5886	1	GEAR AS-IDLER (72/36-TEETH)						
		1	254-5887	1	BEARING-SLEEVE						
	6	1	254-5892	1	SHAFT-CLUSTER GEAR						
M	7	1	6V-5230	9	BOLT (M10X1.5X60-MM)						
M	8	1	6V-6317	4	BOLT (M10X1.5X20-MM)						
M	9	1	6V-8675	11	BOLT (M12X1.75X35-MM)						
M	10	1	6V-9667	1	BOLT (M20X2.5X100-MM)						
M	11	1	8T-7811	21	BOLT-SOCKET HEAD (M12X1.75X50-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01221887

BASIC ENGINE

276-8895 GUARD GP-BELT-ALTERNATOR

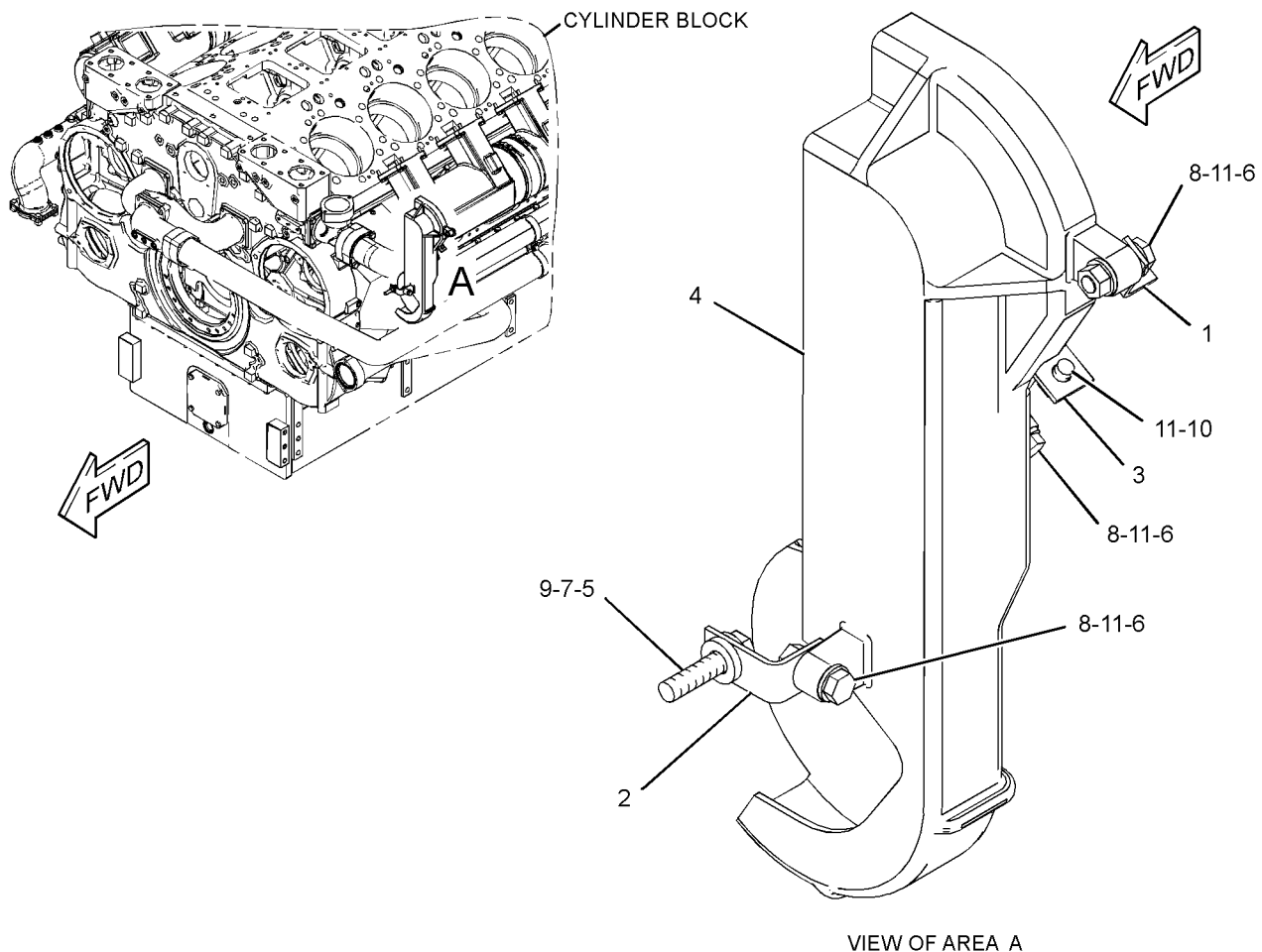
S/N: WYB1-UP
AN ATTACHMENT

SMCS-7174

i02440848

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2S-8753	1	CLIP						
	2	1	6T-2721	1	BRACKET						
	3	1	8N-8390	1	BRACKET						
	4	1	276-8896	1	GUARD AS						
		1	8R-8088	3	SPACER (11.66X15.88X18-MM THK)						
	5	1	2M-0849	1	WASHER-HARD (13.5X25.5X5-MM THK)						
M	6	1	2Y-5829	3	NUT (M10X1.15-THD)						
	7	1	5P-8245	1	WASHER-HARD (13.5X25.5X3-MM THK)						
M	8	1	6V-3822	3	BOLT (M10X1.5X35-MM)						
M	9	1	6V-7673	1	BOLT (M12X1.75X50-MM)						
M	10	1	6V-8084	1	BOLT (M10X1.5X12-MM)						
	11	1	8T-4121	7	WASHER-HARD (11X21X2.5-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01221291

BASIC ENGINE

285-0111 GUARD GP-DAMPER

S/N: WYB1-UP
AN ATTACHMENT

SMCS - 1205

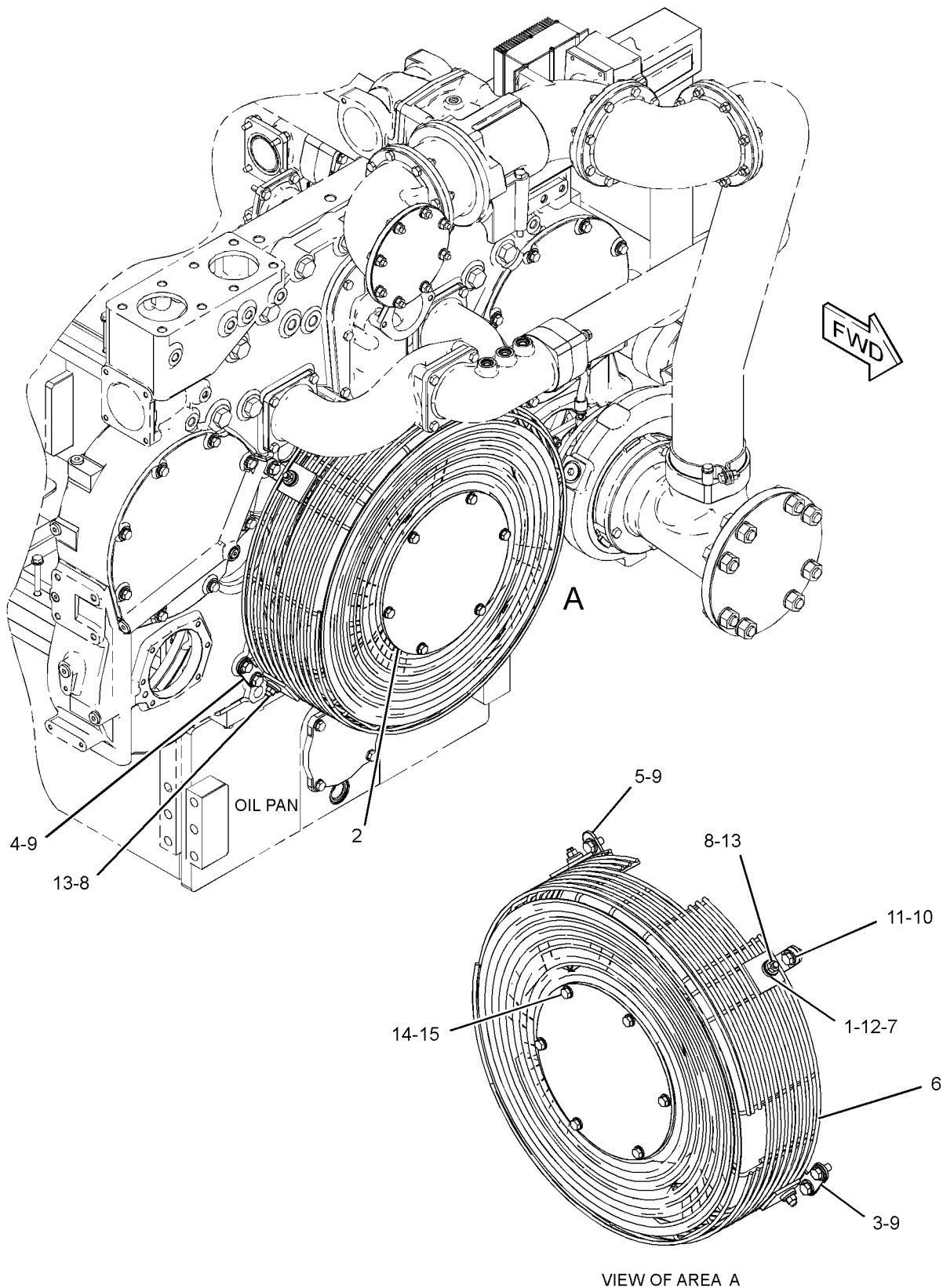
i02479837

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1P-7115	4	GROMMET AS						
	2	1	8J-8919	1	COVER						
	3	1	252-7905	1	BRACKET						
	4	1	254-1648	1	BRACKET						
	5	1	277-7672	2	BRACKET						
	6	1	285-0109	1	GUARD AS-DAMPER						
		1	273-4008	6	NUT						
M	7	1	2Y-5829	4	NUT (M10X1.15-THD)						
	8	1	3E-4353	4	WASHER-HARD (11X25X3-MM THK)						
	9	1	3F-1417	4	WASHER (10.3X30.2X3-MM THK)						
	10	1	5P-8245	6	WASHER-HARD (13.5X25.5X3-MM THK)						
M	11	1	6A-5591	6	BOLT (M12X1.75X25-MM)						
	12	1	6V-5839	4	WASHER (11X21X2.5-MM THK)						
M	13	1	6V-5843	4	BOLT (M10X1.5X45-MM)						
	14	1	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)						
M	15	1	8T-4136	6	BOLT (M10X1.5X25-MM)						
M-METRIC PART											

BASIC ENGINE

285-0111 GUARD GP-DAMPER (contd.)

i02479837



GRAPHIC #1

<END>

g01243049

BASIC ENGINE

287-7025 HOUSING GP-FLYWHEEL

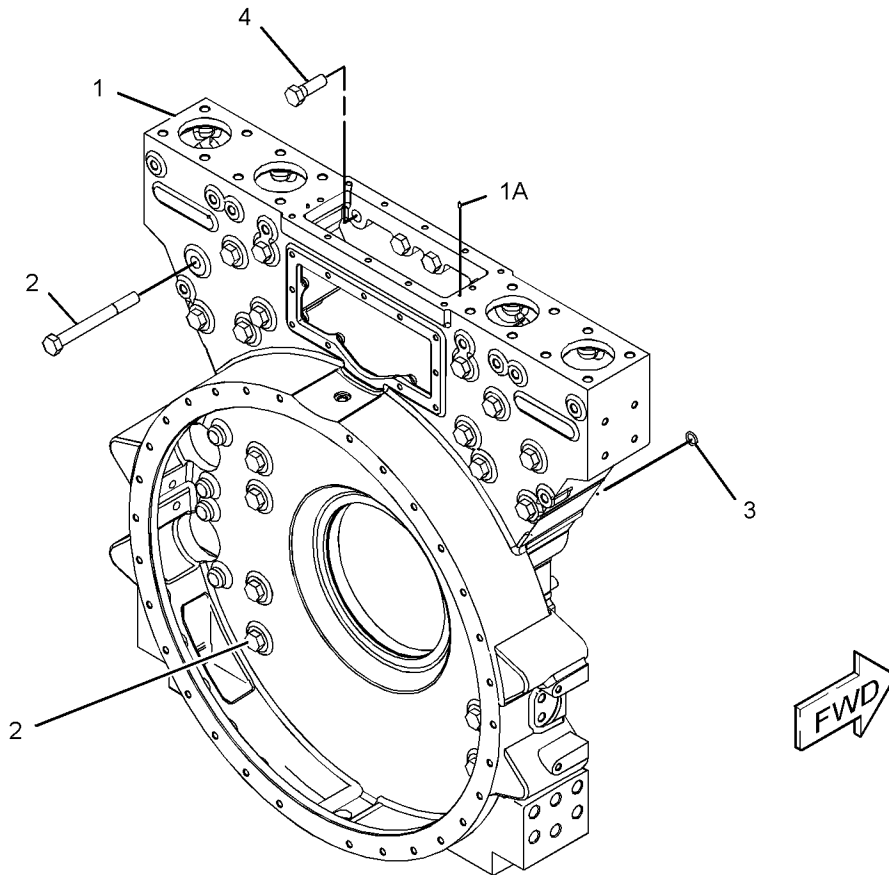
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1157

i02479835

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	279-0779	1	HOUSING AS-FLYWHEEL						
	1A	1	7S-4326	2	DOWEL						
	2	1	252-9148	20	BOLT (M20X2.5X190-MM)						
	3	1	5F-7054	1	SEAL-O-RING						
M	4	1	6V-3532	4	BOLT (M20X2.5X60-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01238956

BASIC ENGINE

279-0782 HOUSING GP-FRONT-ACCESSORY DRIVE

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1151, 1162

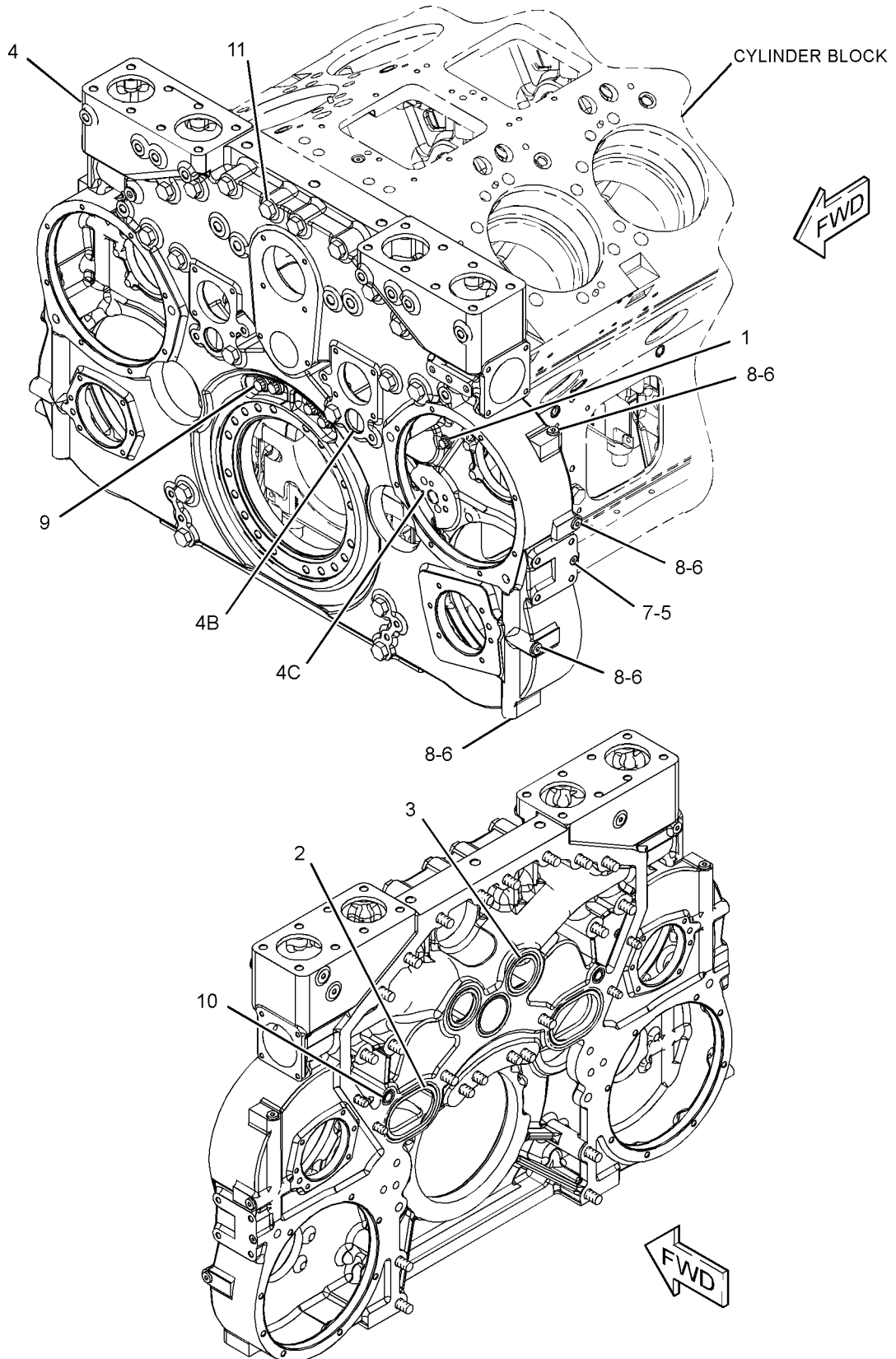
i02441311

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	220-0771	4	BOLT-12 POINT HEAD (M16X2X45-MM)	
	2	1	258-8733	2	SEAL-O-RING	
	3	1	259-4597	3	SEAL-O-RING	
	4	1	279-0781	1	HOUSING AS-FRONT	
	4A	1	4F-5695	2	PLUG-CUP	
	4B	1	7S-4326	2	DOWEL	
	5	1	199-9267	2	SEAL-O-RING	
	6	1	214-7565	8	SEAL-O-RING	
	7	1	241-6157	2	PLUG	
	8	1	241-6158	8	PLUG	
	9	1	252-9149	4	BOLT-12 POINT HEAD (M20X2.5X120-MM)	
	10	1	5P-8118	2	SEAL-O-RING	
M	11	1	8T-0657	18	BOLT (M20X2.5X160-MM)	
M-METRIC PART						

BASIC ENGINE

279-0782 HOUSING GP - FRONT (contd.)

i02441311



GRAPHIC #1

<END>

g01226978

BASIC ENGINE

283-9353 LIFTER GP-VALVE

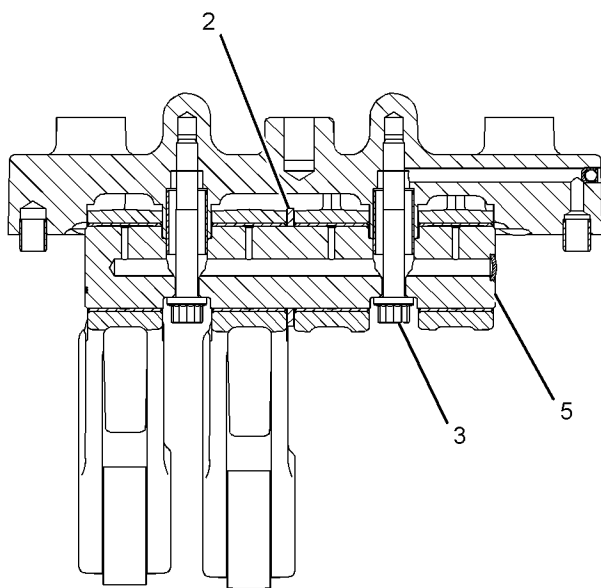
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PART OF 283-9354 LIFTER GP-VALVE

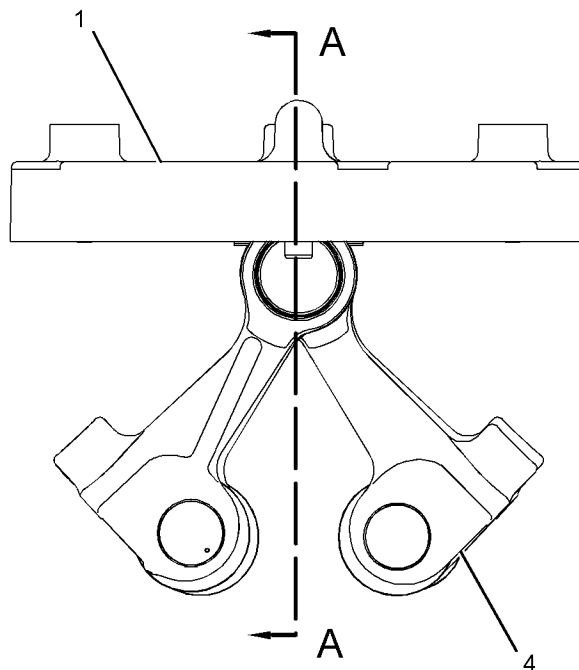
SMCS-1209

i02460689

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	242-1374	1	COVER GP-VALVE MECHANISM						
	2	1	242-1377	1	SLEEVE						
	3	1	260-0370	2	BOLT-12 PT HEAD (M10X1.5X73.8-MM)						
	4	1	281-9370	4	ROCKER ARM AS						
	5	1	283-9352	1	SHAFT AS-LIFTER						



SECTION A-A



GRAPHIC #1

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g01228832

BASIC ENGINE

283-9354 LIFTER GP-VALVE

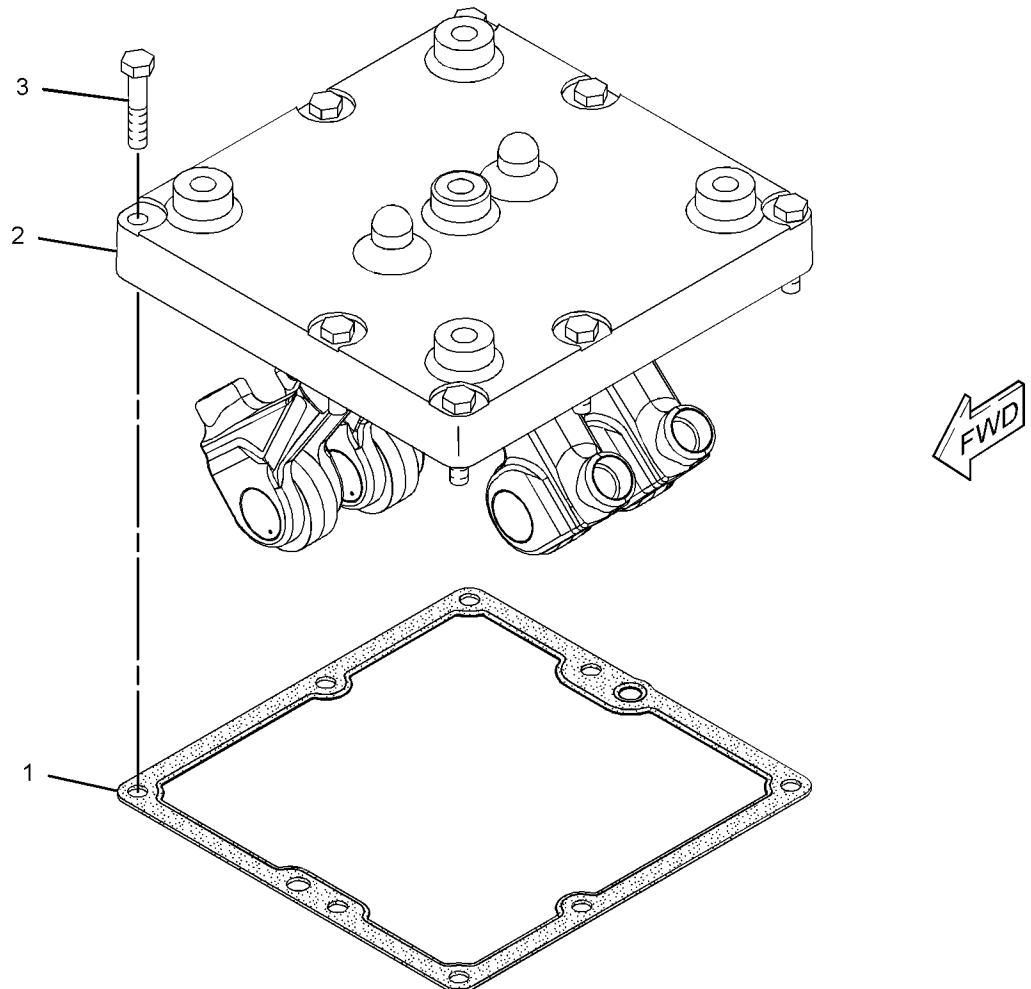
S/N: WYB1-UP

SMCS-1209

i02450291

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	242-4100	1	SEAL-INTEGRAL (VALVE MECHANISM)						
Y	2	1	283-9353	1	LIFTER GP-VALVE						64
M	3	1	6V-4249	8	BOLT (M10X1.5X50-MM)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

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g01228129

BASIC ENGINE

283-9331 LIFTING GP-ENGINE

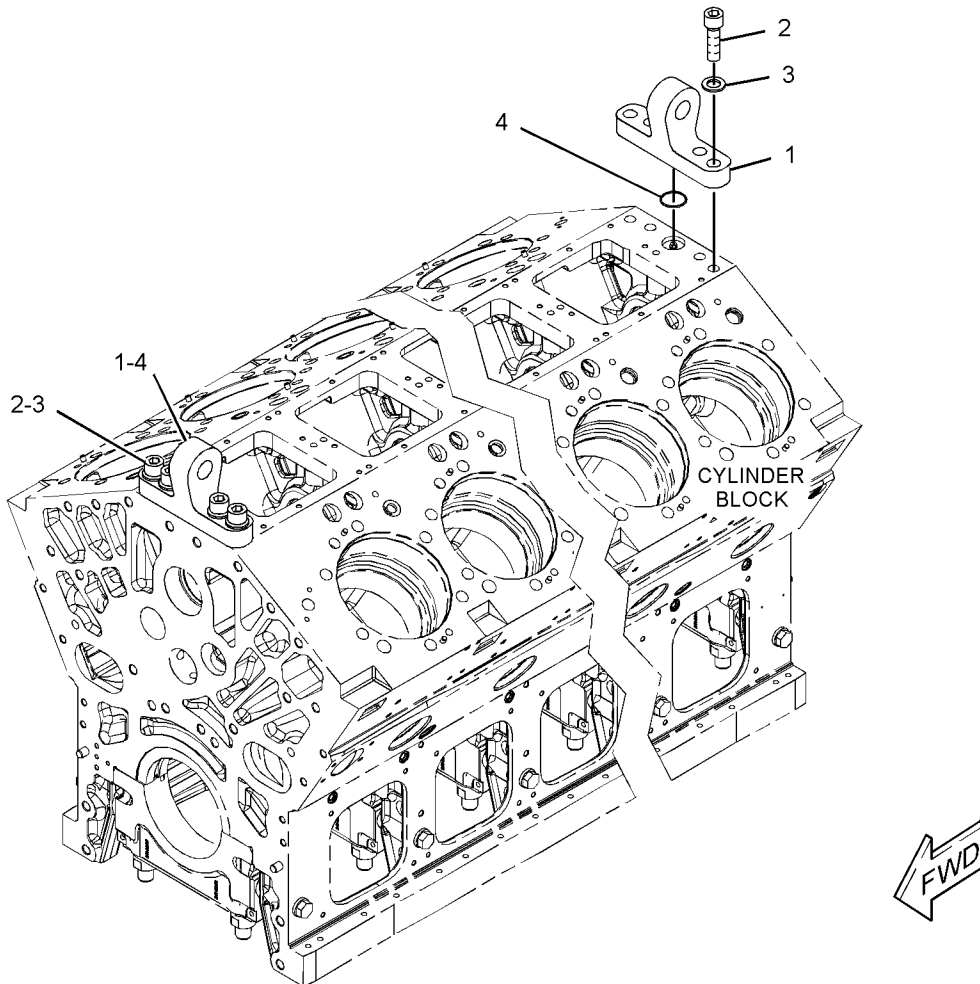
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1122

i02451102

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	283-9325	2	BRACKET-LIFTING						
M	2	1	160-0020	8	BOLT-SOCKET HEAD (M24X3X80-MM)						
	3	1	6V-8237	8	WASHER (26X44X4-MM THK)						
	4	1	8C-3078	2	SEAL-O-RING						

M-METRIC PART



GRAPHIC #1

<END>

g01225262

BASIC ENGINE

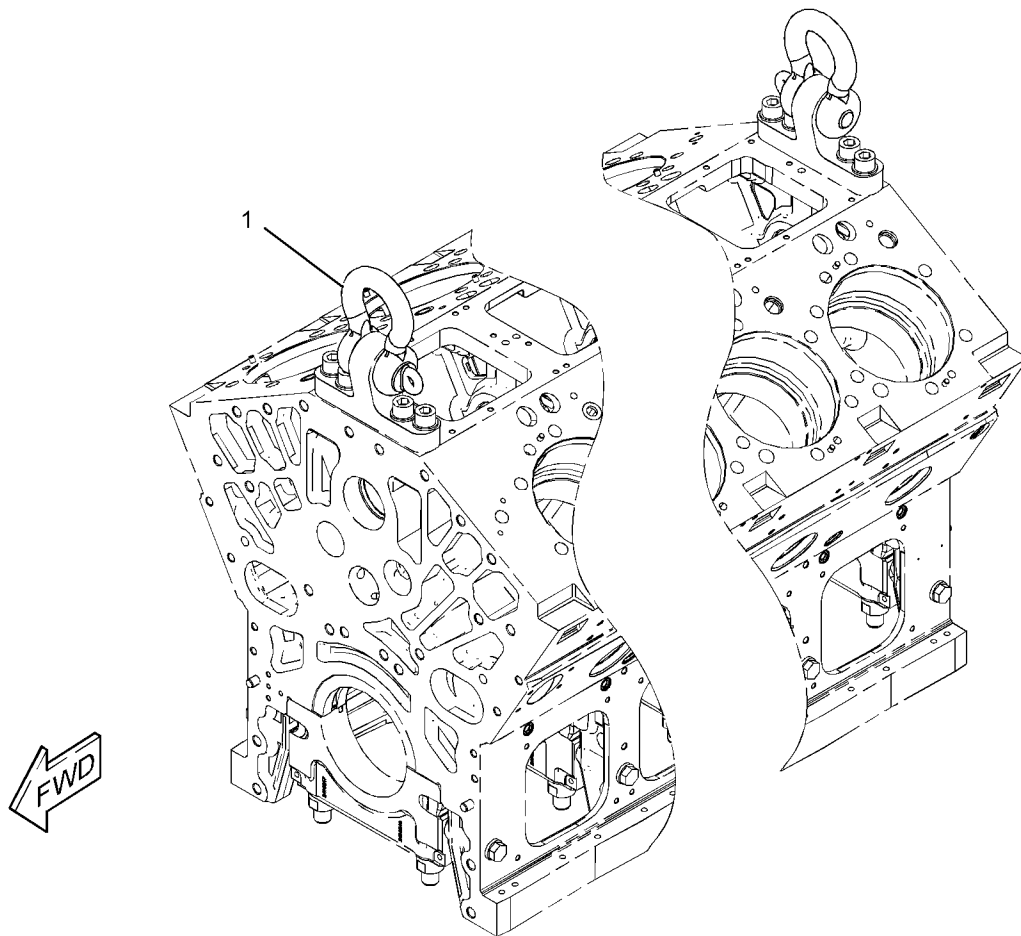
284-8332 LIFTING GP-ENGINE

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1122

i02479834

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	279-0786	2	SHACKLE						



GRAPHIC #1

<END>

g01242924

BASIC ENGINE

276-8885 MOUNTING GP-ALTERNATOR

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1154, 1405

i02475112

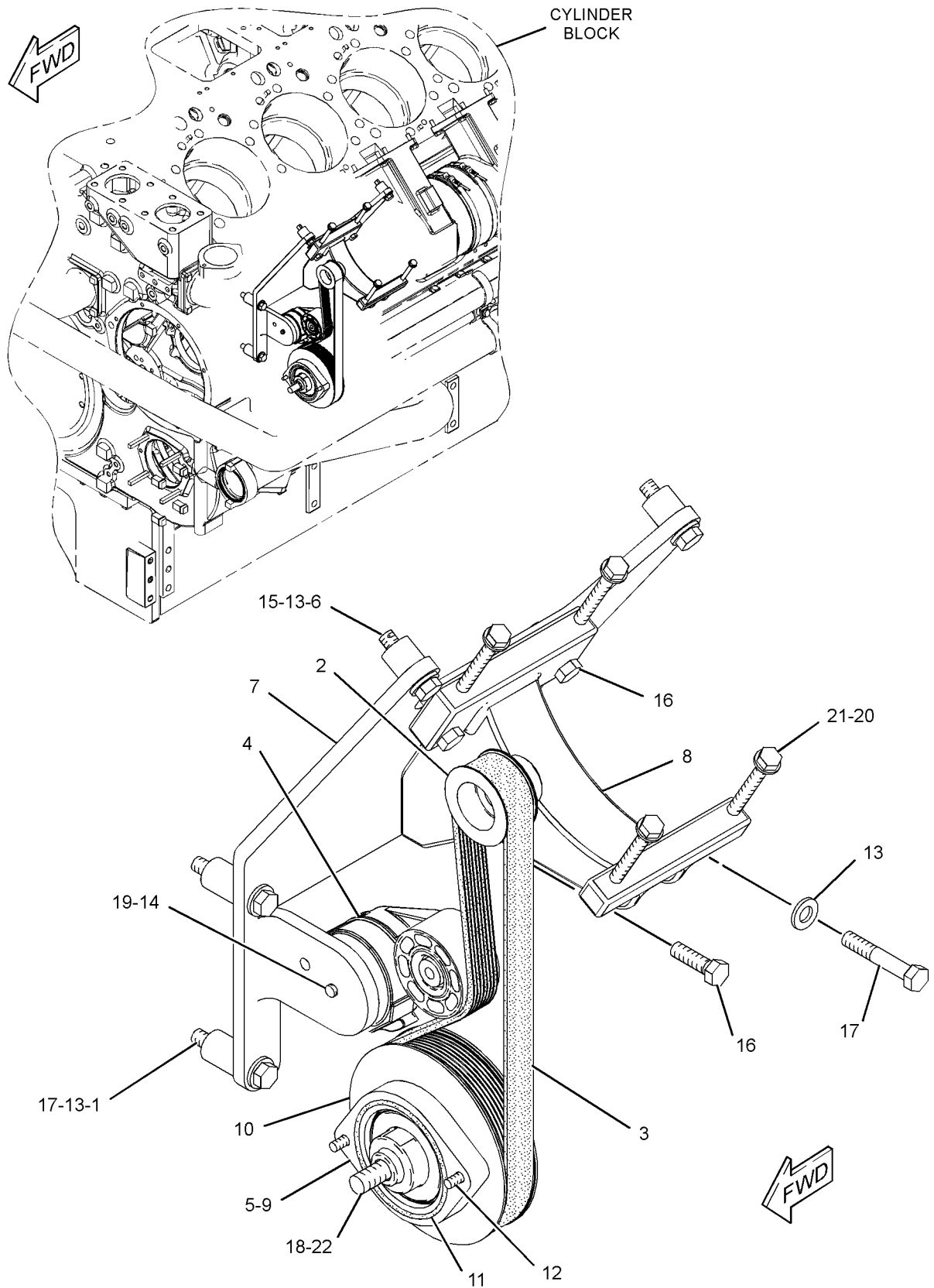
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	4W-1758	2	SPACER (12.7X25.4X38-MM THK)	
	2	1	7E-6218	1	PULLEY	
	3	1	100-3725	1	V-BELT (ALTERNATOR)	
	4	1	190-0642	1	BELT TIGHTENER	
	5	1	235-2484	1	SEAL-LIP TYPE	
	6	1	242-9985	2	SPACER	
	7	1	273-1102	1	BRACKET	
	8	1	273-1103	1	BRACKET	
	9	1	273-1104	1	COVER	
	10	1	276-8897	1	PULLEY AS	
		1	053-5065	1	SLEEVE	
	11	1	131-3718	1	SEAL-O-RING	
M	12	1	5A-3604	2	BOLT-SOCKET HEAD (M8X1.25X25-MM)	
	13	1	5P-8245	5	WASHER-HARD (13.5X25.5X3-MM THK)	
	14	1	6V-5839	1	WASHER (11X21X2.5-MM THK)	
M	15	1	6V-7673	2	BOLT (M12X1.75X50-MM)	
M	16	1	6V-8197	5	BOLT (M12X1.75X40-MM)	
M	17	1	6V-8336	3	BOLT (M12X1.75X70-MM)	
M	18	1	8T-0358	1	BOLT (M16X2X90-MM)	
M	19	1	8T-0643	1	BOLT (M10X1.5X80-MM)	
	20	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)	
M	21	1	8T-4198	4	BOLT (M10X1.5X100-MM)	
	22	1	9X-8268	1	WASHER (17.5X30X3.5-MM THK)	

M-METRIC PART

BASIC ENGINE

276-8885 MOUNTING GP-ALTERNATOR (contd.)

i02475112



GRAPHIC #1

<END>

g01221323

BASIC ENGINE

256-3169 MOUNTING GP-ENGINE FLEXIBLE

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1152

i02428449

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	259-2503	14	MOUNTING GP-VIBRATION ISOLATOR						536
Y-SEPARATE ILLUSTRATION									
<END>									

256-3178 MOUNTING GP-ENGINE FLEXIBLE

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1152

i02428460

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	259-2503	12	MOUNTING GP-VIBRATION ISOLATOR						536
Y-SEPARATE ILLUSTRATION									
<END>									

BASIC ENGINE

274-7686 PAN GP-OIL

S/N: WYB1-UP

PART OF 274-7697 PAN GP-OIL
AN ATTACHMENT

SMCS-1302

i02440909

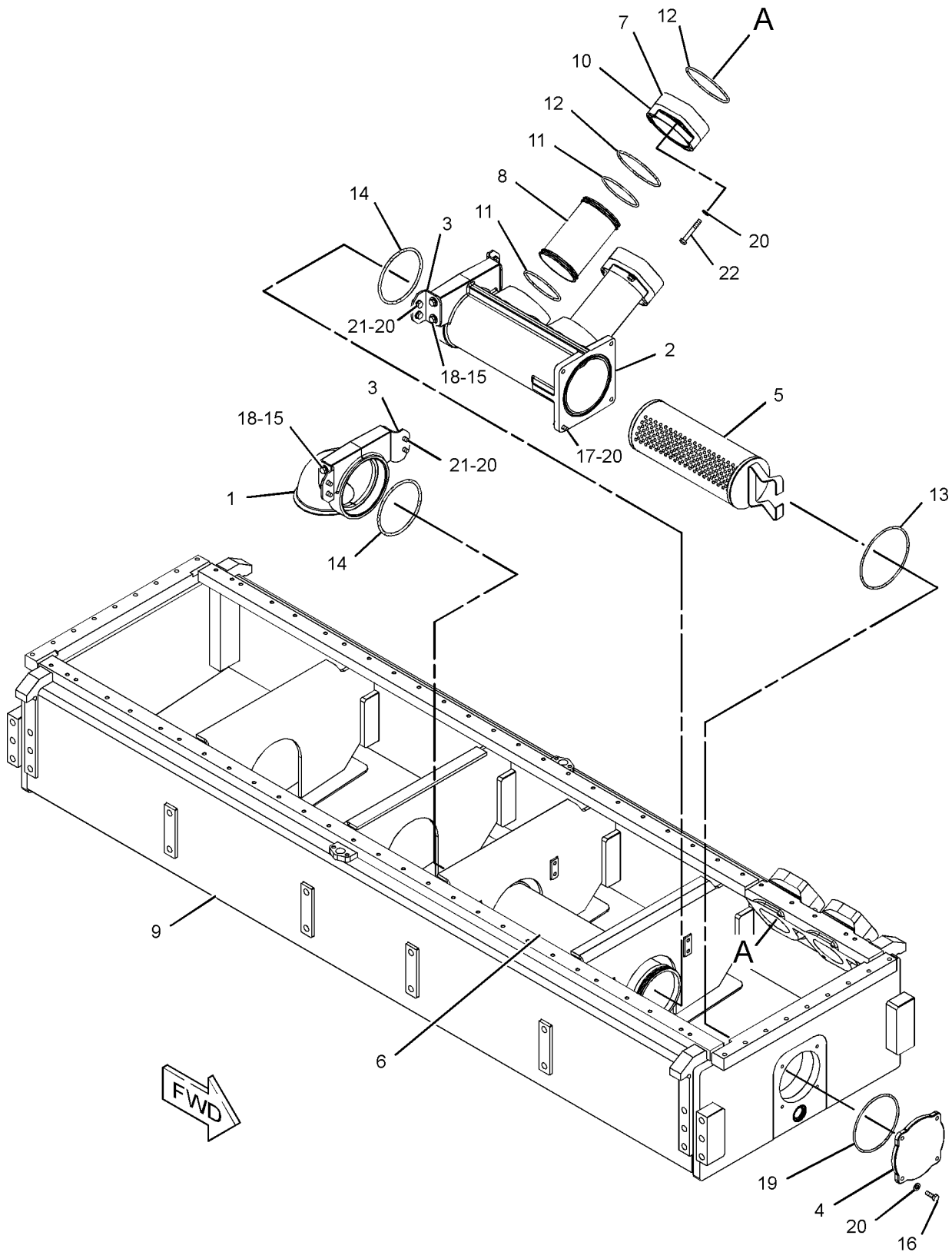
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	243-6434	1	BELL-SUCTION						
	2	1	243-6436	1	TEE						
	3	1	243-6437	4	BRACKET						
	4	1	243-6439	1	COVER						
	5	1	243-6440	1	SCREEN AS-SUCTION (OIL)						
	6	1	243-6442	1	TUBE AS						
	7	1	266-2178	2	SPACER						
	8	1	266-2179	2	TUBE						
	9	1	274-7687	1	PAN AS-OIL						
	10	1	274-7699	2	FLANGE						
	11	1	258-5063	4	SEAL-O-RING						
	12	1	258-8735	4	SEAL-O-RING						
	13	1	258-8736	1	SEAL-O-RING						
	14	1	269-7886	2	SEAL-O-RING						
	15	1	3E-4353	8	WASHER-HARD (11X25X3-MM THK)						
M	16	1	6V-1820	4	BOLT (M10X1.5X30-MM)						
M	17	1	6V-3822	4	BOLT (M10X1.5X35-MM)						
M	18	1	6V-4248	8	BOLT (M10X1.5X25-MM)						
	19	1	6V-4297	1	SEAL-O-RING						
	20	1	6V-5839	20	WASHER (11X21X2.5-MM THK)						
M	21	1	6V-6317	8	BOLT (M10X1.5X20-MM)						
M	22	1	6V-7981	4	BOLT (M10X1.5X70-MM)						

M-METRIC PART

BASIC ENGINE

274-7686 PAN GP-OIL (contd.)

i02440909



GRAPHIC #1

<END>

g01221554

BASIC ENGINE

274-7697 PAN GP-OIL

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1302

i02440894

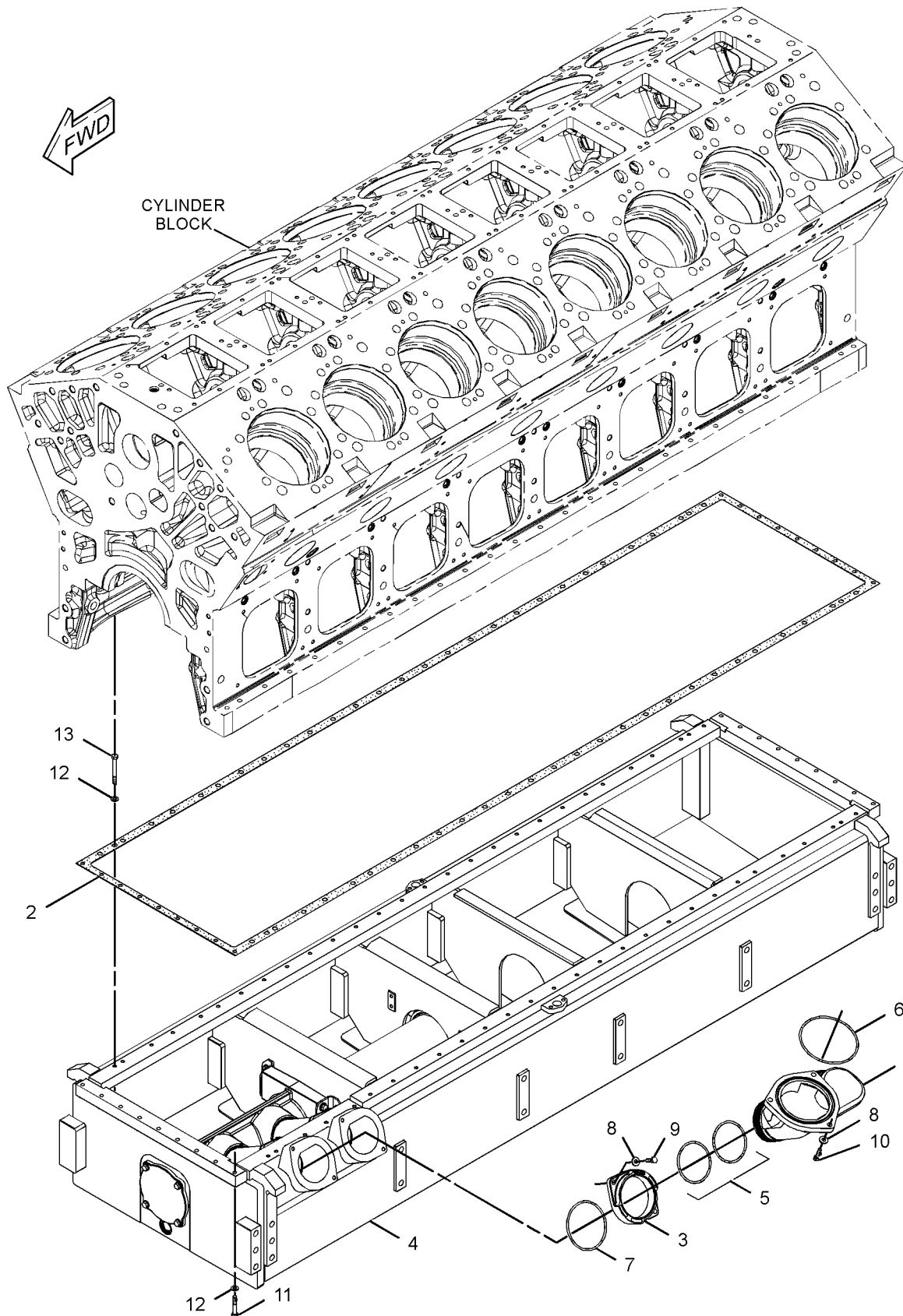
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	243-6435	1	ADAPTER-PUMP						
	2	1	243-6444	1	GASKET-OIL PAN						
	3	1	255-4434	2	FLANGE						
Y	4	1	274-7686	1	PAN GP-OIL						71
	5	1	258-5063	4	SEAL-O-RING						
	6	1	258-6947	1	SEAL-O-RING						
	7	1	258-8735	2	SEAL-O-RING						
	8	1	3E-4353	7	WASHER-HARD (11X25X3-MM THK)						
M	9	1	6V-1820	4	BOLT (M10X1.5X30-MM)						
M	10	1	6V-3822	3	BOLT (M10X1.5X35-MM)						
M	11	1	6V-5230	18	BOLT (M10X1.5X60-MM)						
	12	1	6V-5839	74	WASHER (11X21X2.5-MM THK)						
M	13	1	8T-0644	56	BOLT (M10X1.5X90-MM)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

BASIC ENGINE

274-7697 PAN GP-OIL (contd.)

i02440894



GRAPHIC #1

<END>

g01221441

BASIC ENGINE

254-2058 PISTON GP

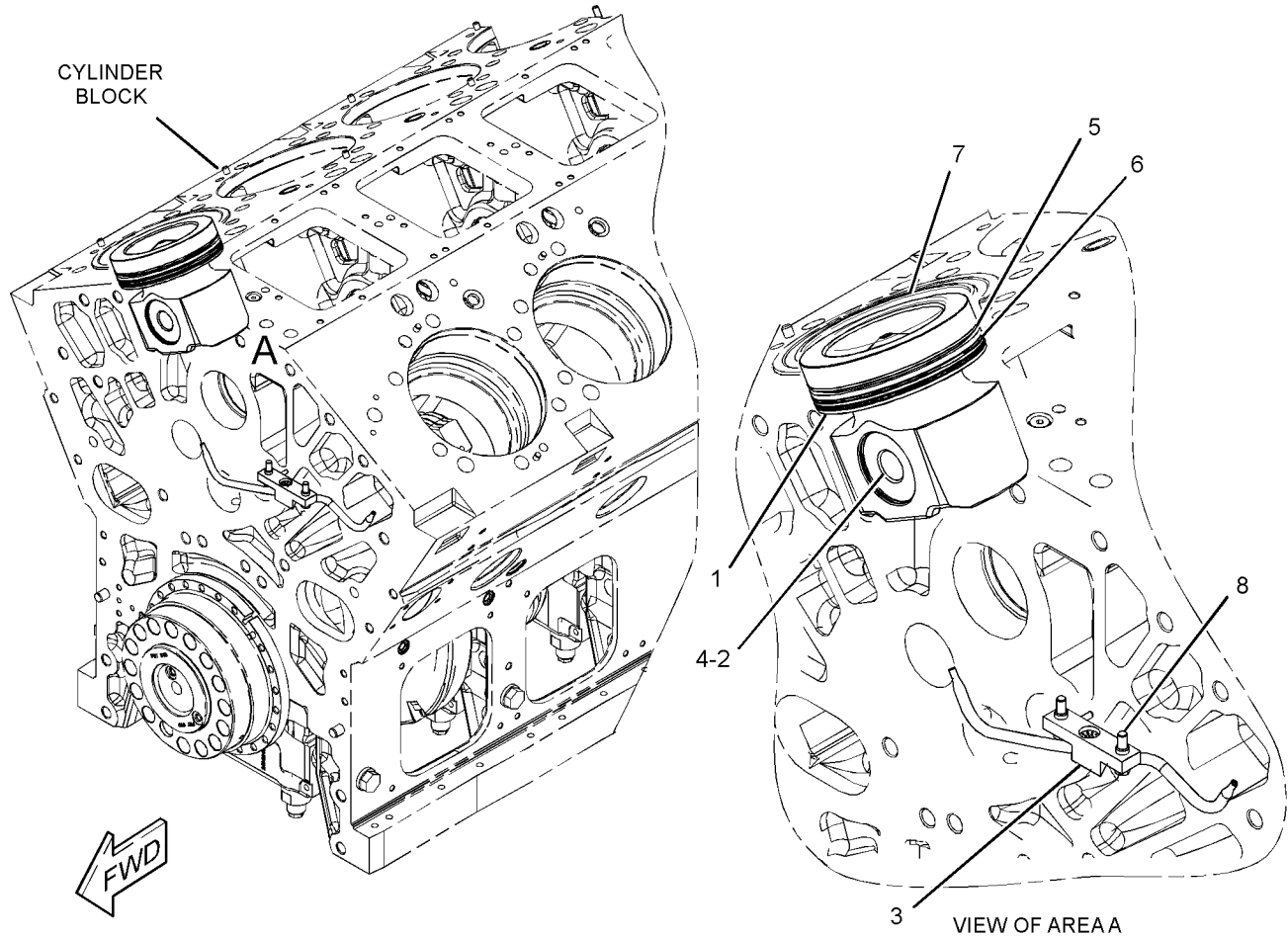
S/N: WYB1-UP

17.5:1 COMPRESSION RATIO
AN ATTACHMENT

SMCS-1214

i02444388

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	233-2176	1	RING-PISTON-OIL						
	2	1	253-1238	2	RETAINER-PIN						
	3	1	233-2178	1	JET AS-PISTON COOLING						
		1	1W-7117	2	DOWEL-HOLLOW						
		1	9M-6803	1	DOWEL						
	4	1	239-6051	1	PIN-PISTON						
	5	1	245-3617	1	RING-PISTON-TOP						
	6	1	245-3618	1	RING-PISTON (INTERMEDIATE)						
	7	1	252-6083	1	PISTON AS						
	8	1	208-9294	2	BOLT-FLANGE HEAD (M10X1.5X35-MM)						



GRAPHIC #1

<END>

g01221789

BASIC ENGINE

270-6823 PISTON GP

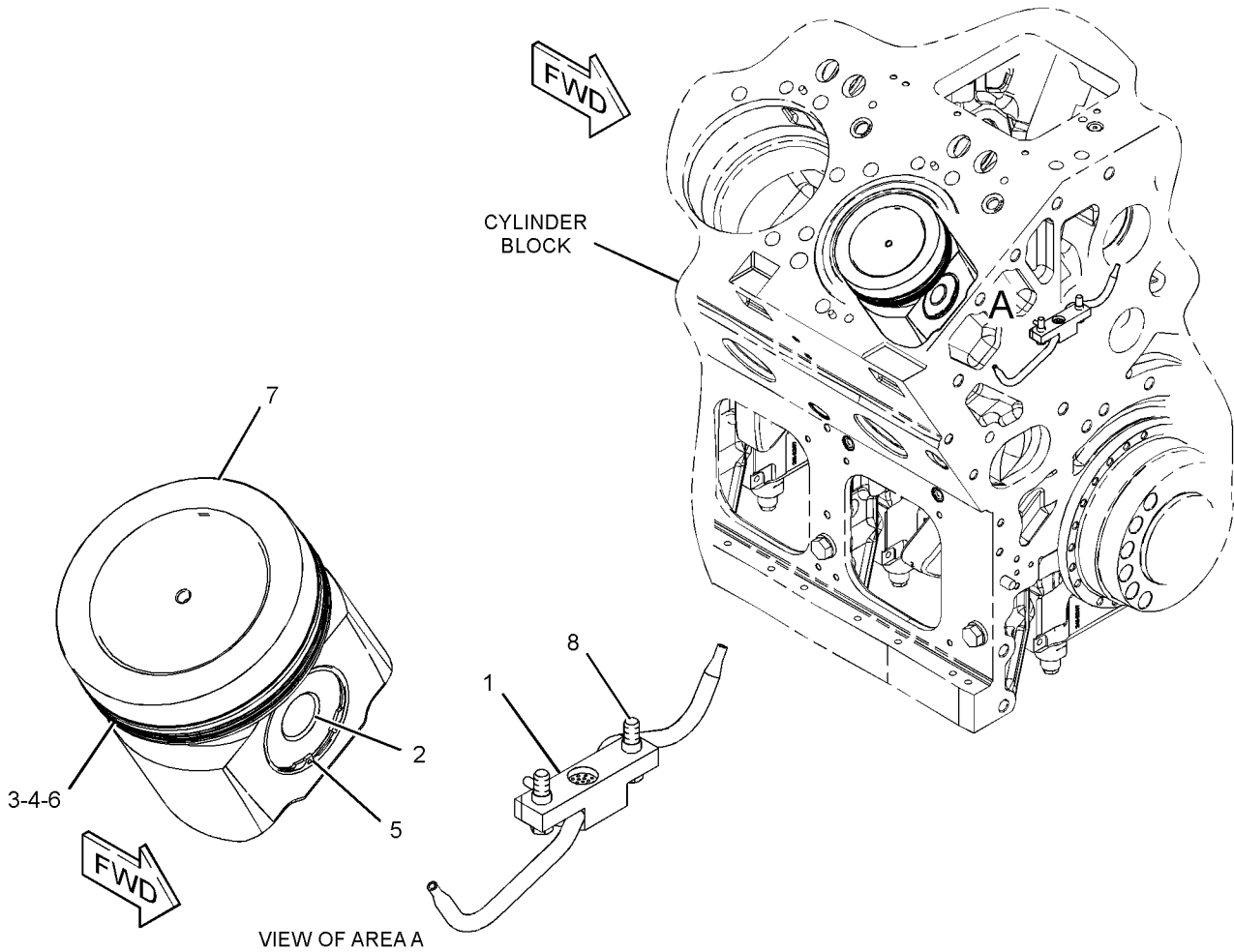
S/N: WYB1-UP

16.7:1 COMPRESSION RATIO
AN ATTACHMENT

SMCS-1214

i02440990

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	233-2178	1	JET AS-PISTON COOLING						
		1	1W-7117	2	DOWEL -HOLLOW						
		1	9M-6803	1	DOWEL						
2		1	239-6051	1	PIN-PISTON						
3		1	245-3617	1	RING-PISTON-TOP						
4		1	245-3618	1	RING-PISTON (INTERMEDIATE)						
5		1	253-1238	2	RETAINER-PIN						
6		1	254-2054	1	RING-PISTON-OIL						
7		1	263-6110	1	PISTON AS						
8		1	208-9294	2	BOLT-FLANGE HEAD (M10X1.5X35-MM)						



GRAPHIC #1

<END>

g01223989

BASIC ENGINE

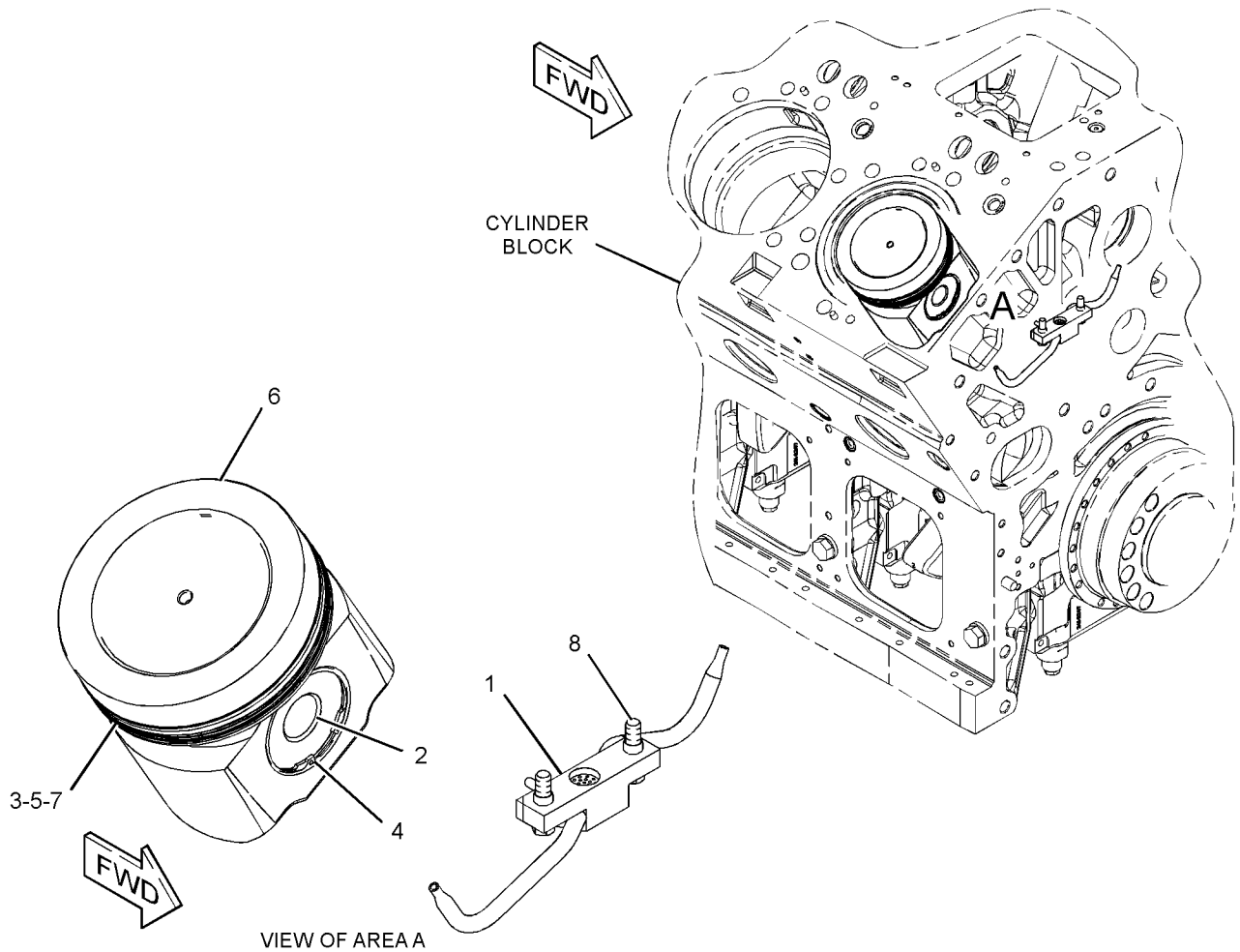
286-8946 PISTON GP

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1214

i02495766

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	233-2178	1	JET AS-PISTON COOLING						
		1	1W-7117	2	DOWEL -HOLLOW						
		1	9M-6803	1	DOWEL						
	2	1	239-6051	1	PIN-PISTON						
	3	1	245-3617	1	RING-PISTON-TOP						
	4	1	253-1238	2	RETAINER-PIN						
	5	1	254-2054	1	RING-PISTON-OIL						
	6	1	263-6110	1	PISTON AS						
	7	1	286-8928	1	RING-PISTON (INTERMEDIATE)						
	8	1	208-9294	2	BOLT-FLANGE HEAD (M10X1.5X35-MM)						



GRAPHIC #1

<END>

g01248455

BASIC ENGINE

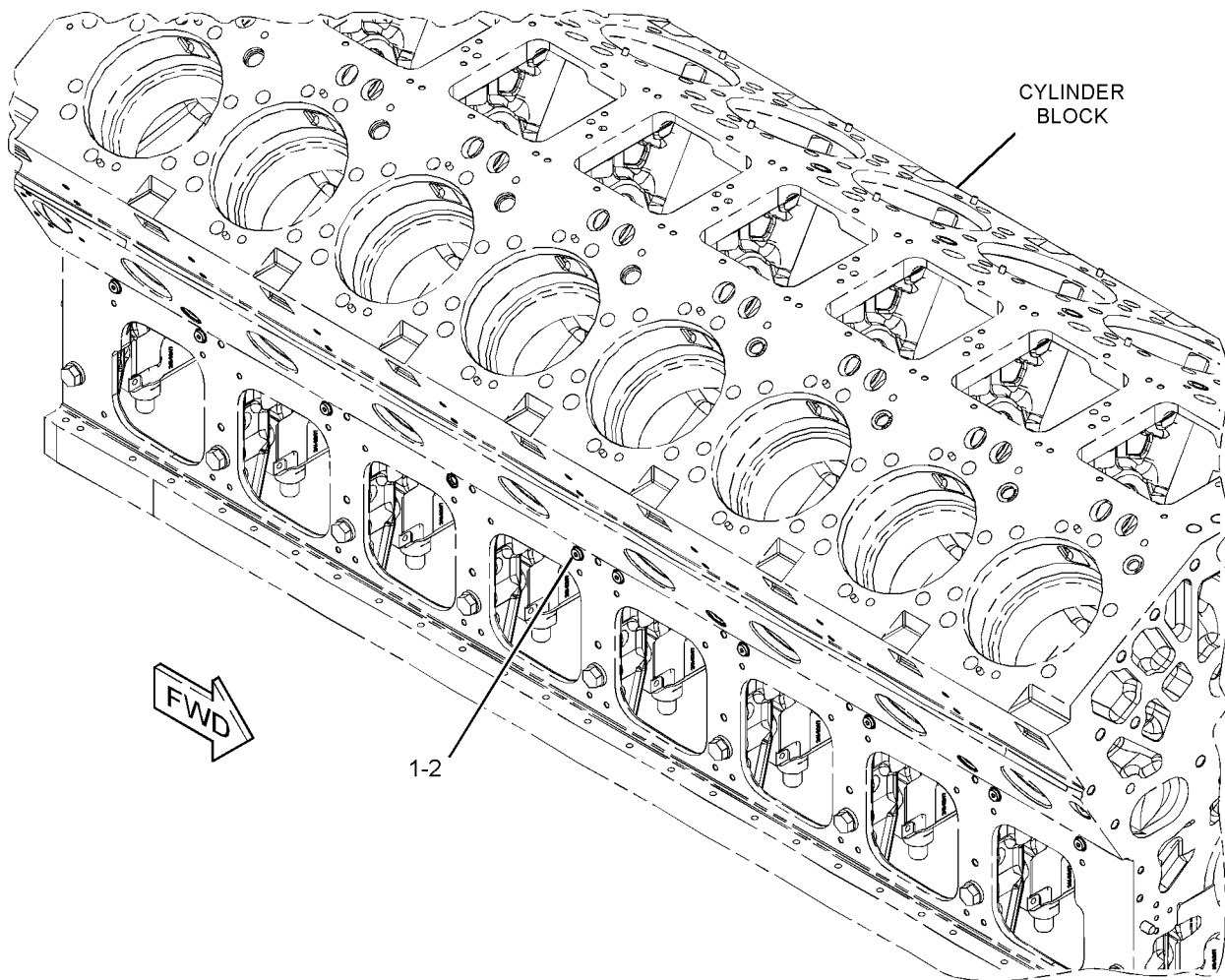
250-9989 PLUG GP-CYLINDER BLOCK-RH

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1201

i02436902

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	241-6170	9	PLUG						
	2	1	228-7101	9	SEAL-O-RING						



GRAPHIC #1

<END>

g01225058

BASIC ENGINE

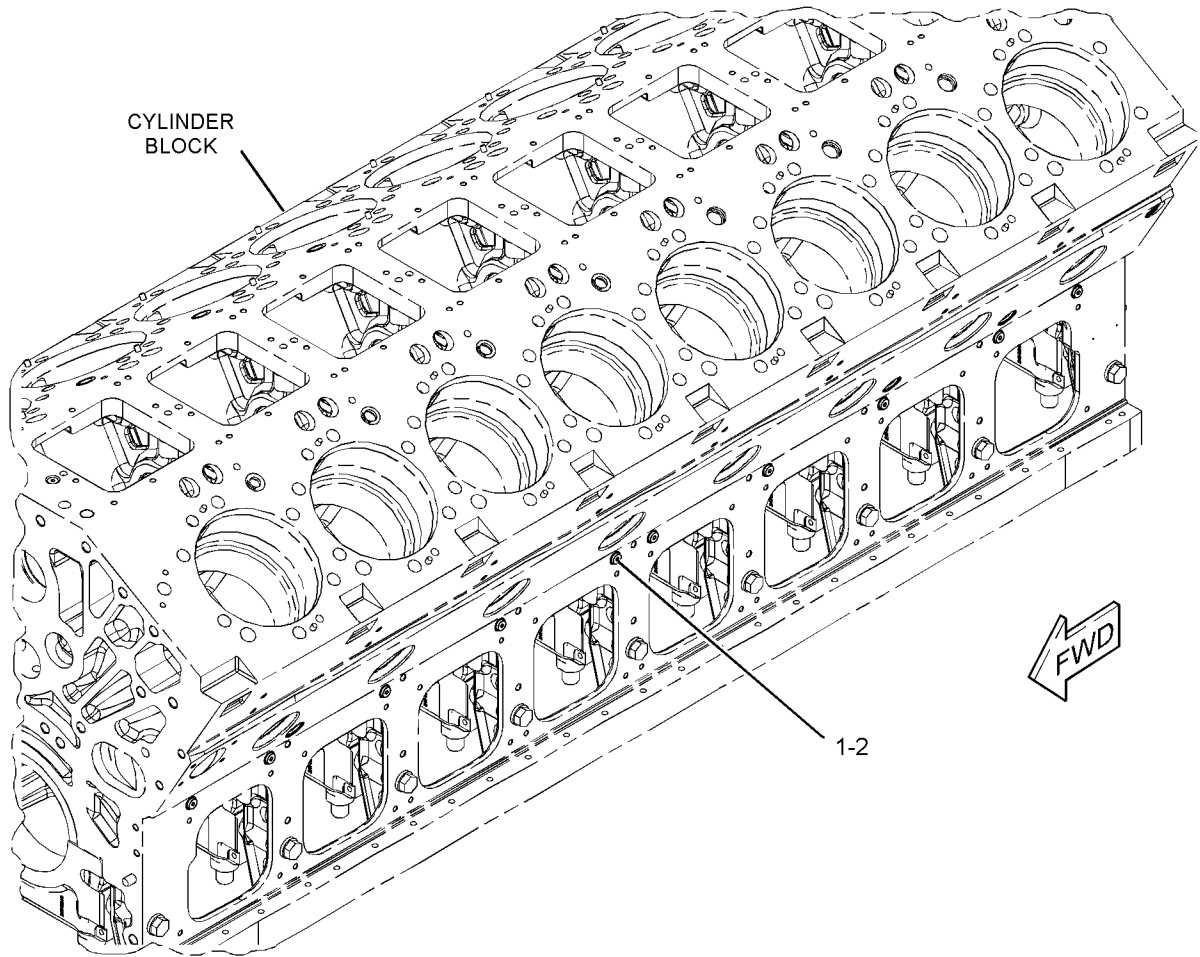
250-1792 PLUG GP-CYLINDER HEAD-LH

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1100

i02436900

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	241-6170	10	PLUG						
	2	1	228-7101	10	SEAL-O-RING						



GRAPHIC #1

<END>

g01225026

BASIC ENGINE

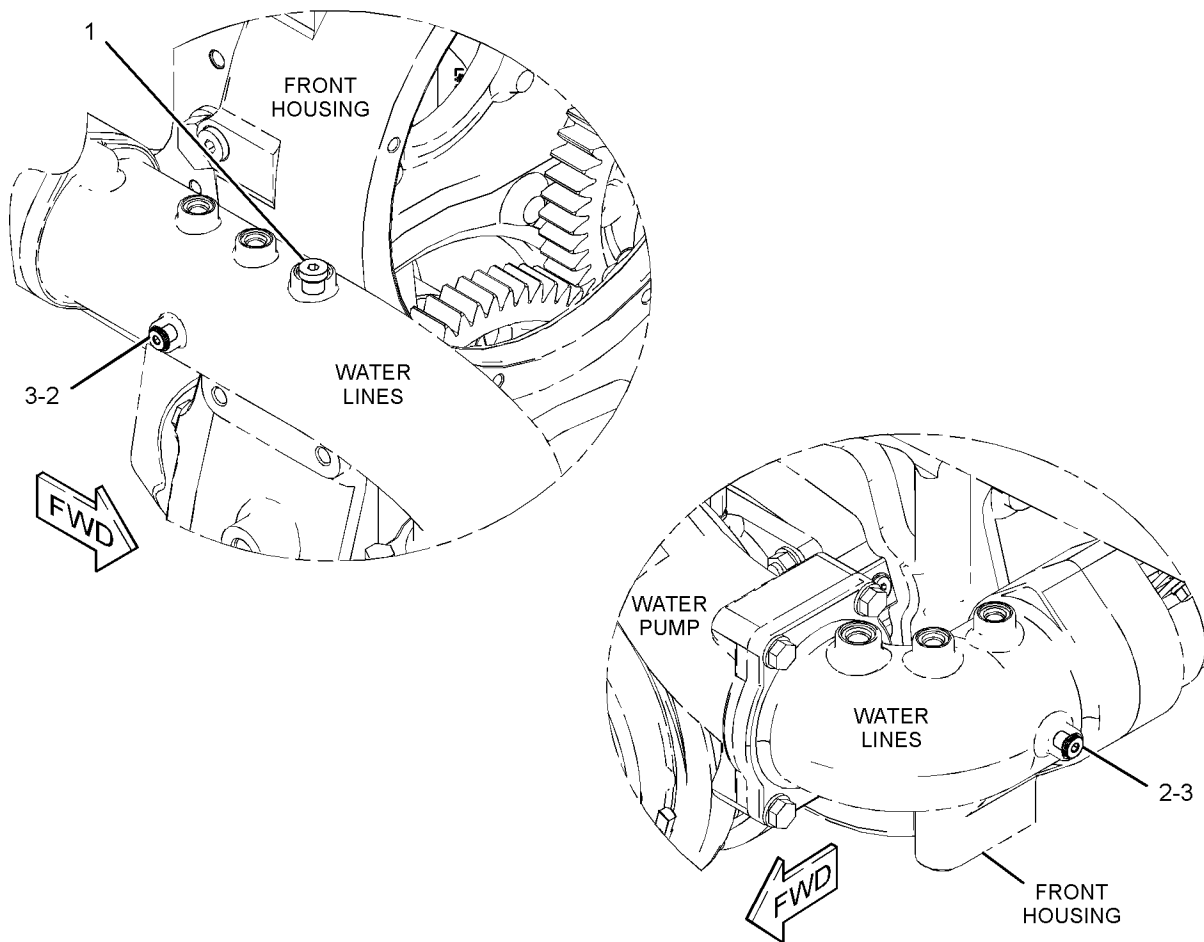
262-9228 PLUG GP-ENGINE

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1100

i02479790

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	241-6169	1	PLUG AS						
		1	6V-6560	2	SEAL-O-RING						
2		1	260-9153	2	PLUG						
3		1	8T-7876	2	SEAL-O-RING						



GRAPHIC #1

<END>

g01239324

BASIC ENGINE

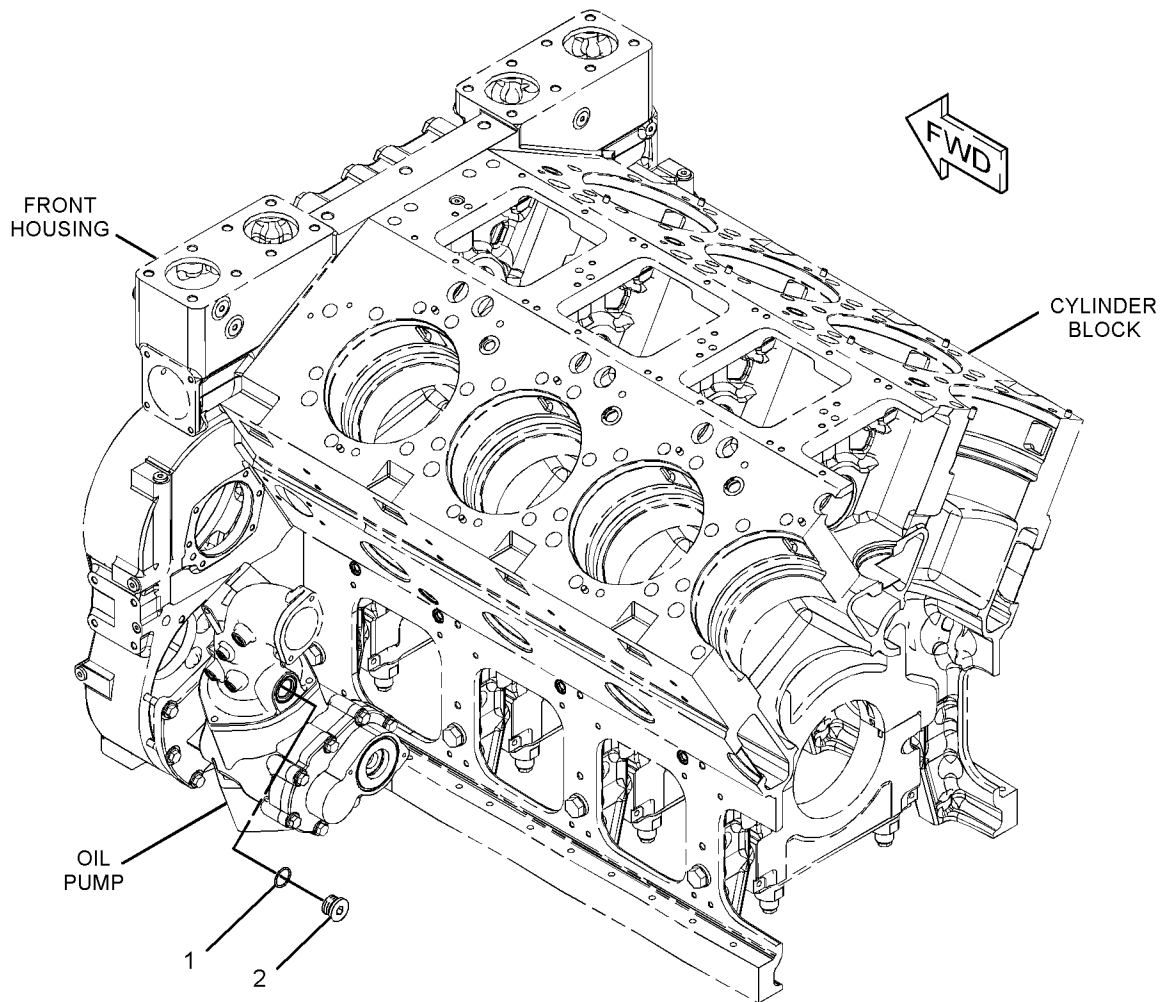
270-6858 PLUG GP-ENGINE-OIL PUMP

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1100

i02444555

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	252-8073	1	SEAL-O-RING						
	2	1	217-7184	1	PLUG						



GRAPHIC #1

<END>

g01225241

BASIC ENGINE

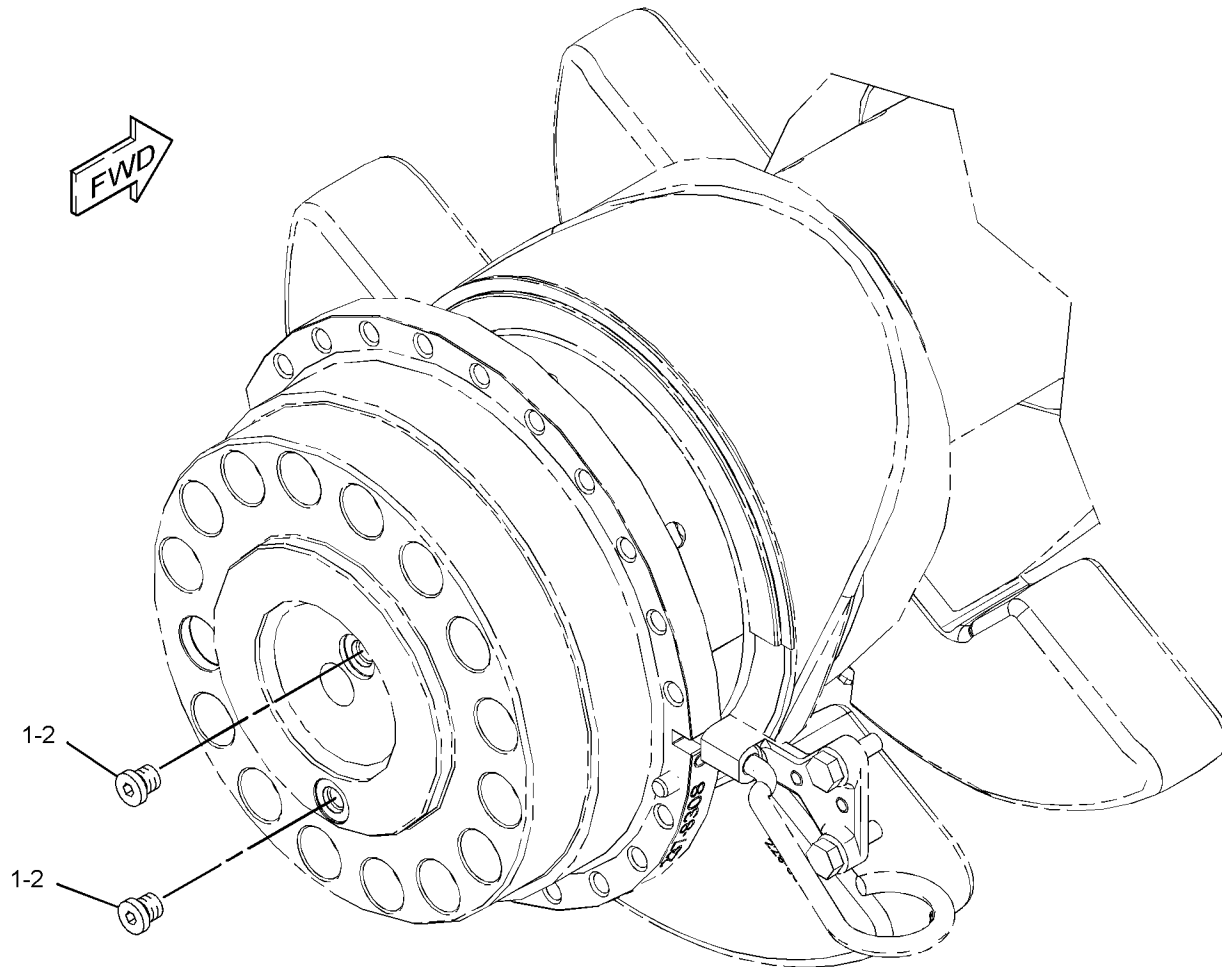
270-6860 PLUG GP-ENGINE-CRANKSHAFT

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1100

i02492848

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	241-6157	2	PLUG						
	2	1	215-3580	2	SEAL-O-RING						



GRAPHIC #1

<END>

g01246931

BASIC ENGINE

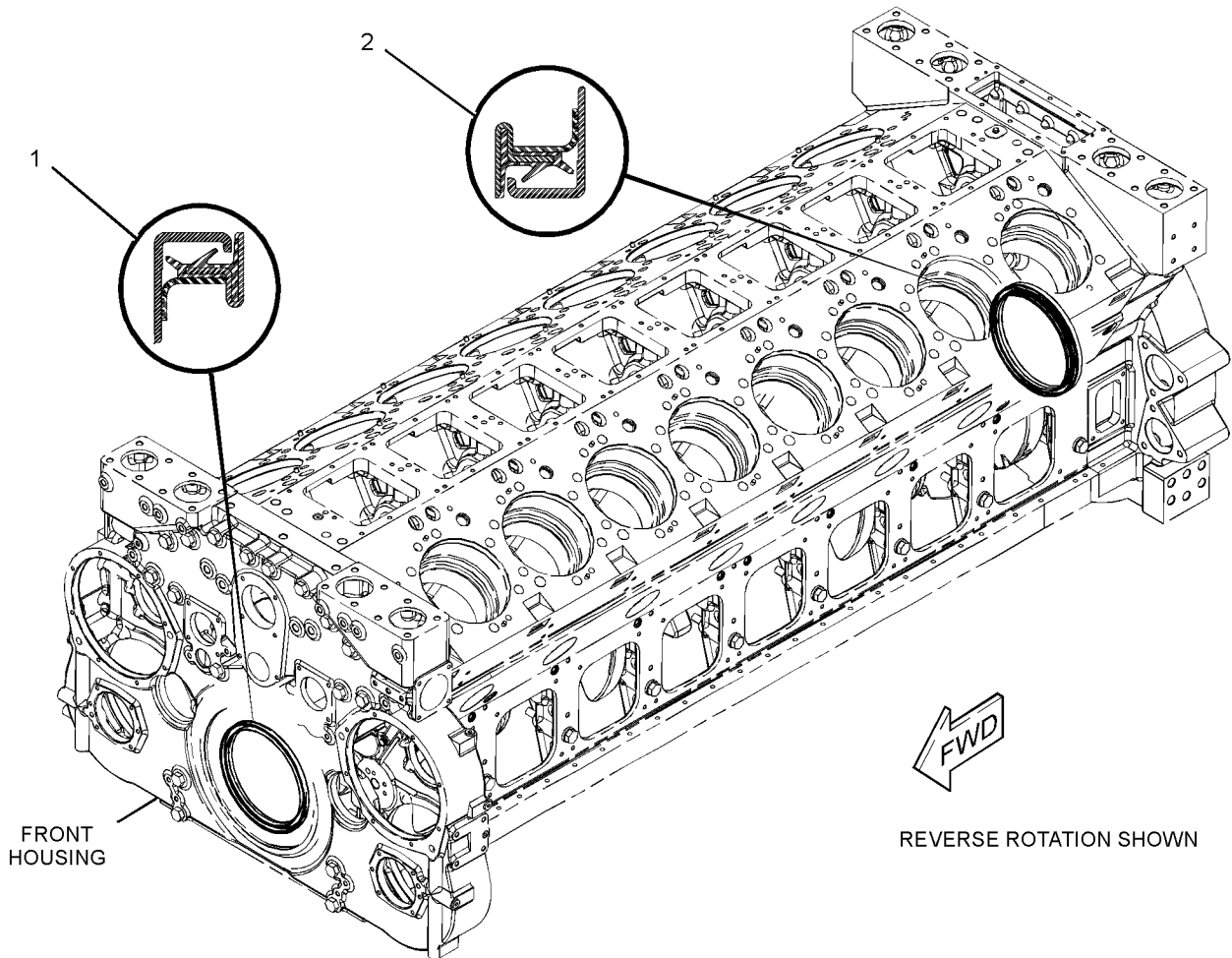
248-4115 SEAL GP-CRANKSHAFT

S/N: WYB1-UP

SMCS-1160, 1161

i02443827

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	245-3574	1	SEAL GP-CRANKSHAFT						
(INSTALL IN FLYWHEEL HOUSING ON STANDARD ROTATION AND IN FRONT HOUSING ON REVERSE ROTATION)											
	2	1	245-3575	1	SEAL GP-CRANKSHAFT						
(INSTALL IN FRONT HOUSING ON STANDARD ROTATION AND IN FLYWHEEL HOUSING ON REVERSE ROTATION)											



GRAPHIC #1

<END>

g01227179

BASIC ENGINE

249-4014 VALVE GP-EXPLOSION RELIEF-CRANKCASE

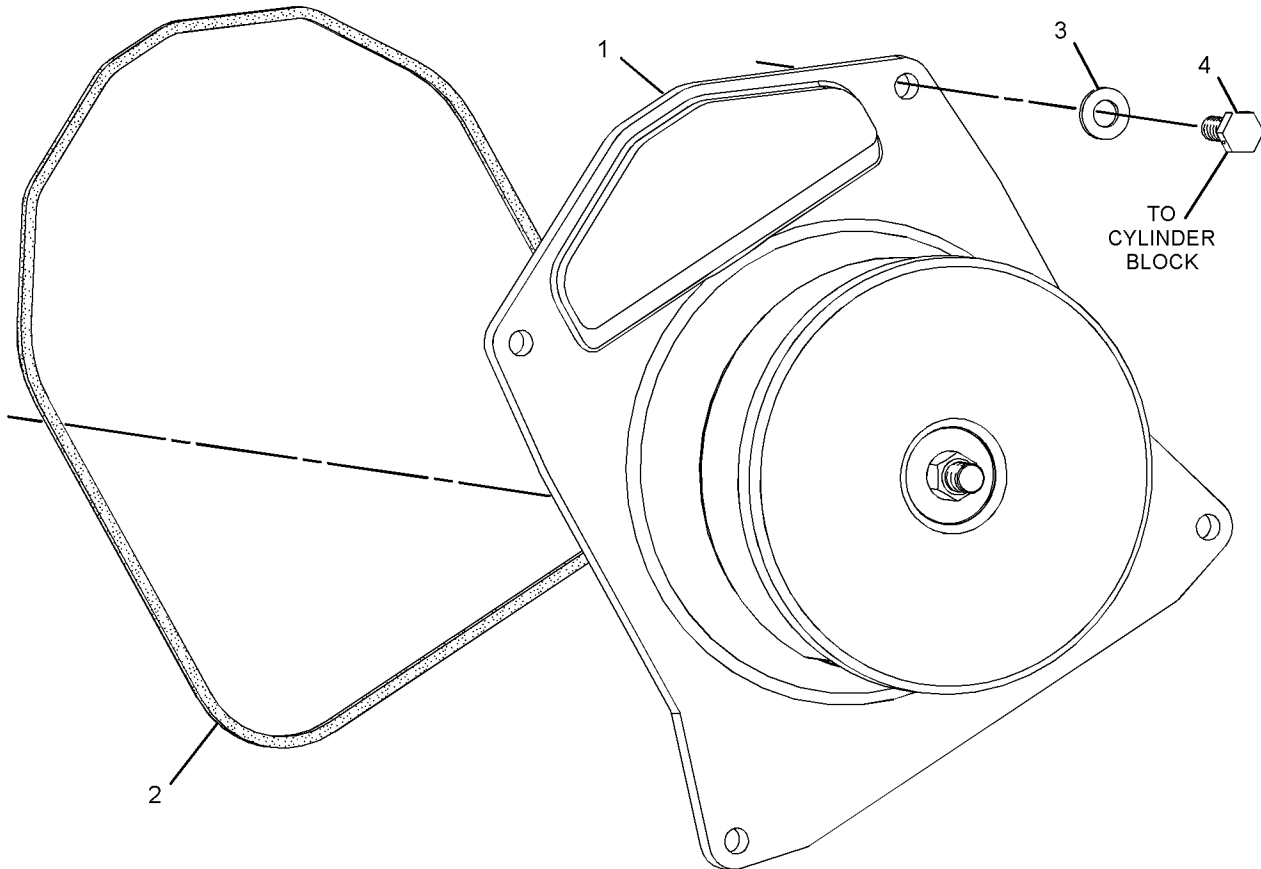
S/N: WYB1-UP
AN ATTACHMENT

SMCS - 1233

i02405827

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8N-8509	1	VALVE GP-EXPLOSION RELIEF (CRANKCASE)						
	2	1	208-2363	1	SEAL						
	3	1	6V-5839	4	WASHER (11X21X2.5-MM THK)						
M	4	1	9X-2125	4	BOLT-LOCKING (M10X1.5X25-MM)						
					AVAILABLE REPAIR KIT(S):						
					2W-3584	1	KIT-REPAIR (RELIEF VALVE)				
					(KIT INCLUDES O-RINGS AND VALVE PLATE)						

M-METRIC PART



GRAPHIC #1

<END>

g01229326

BASIC ENGINE

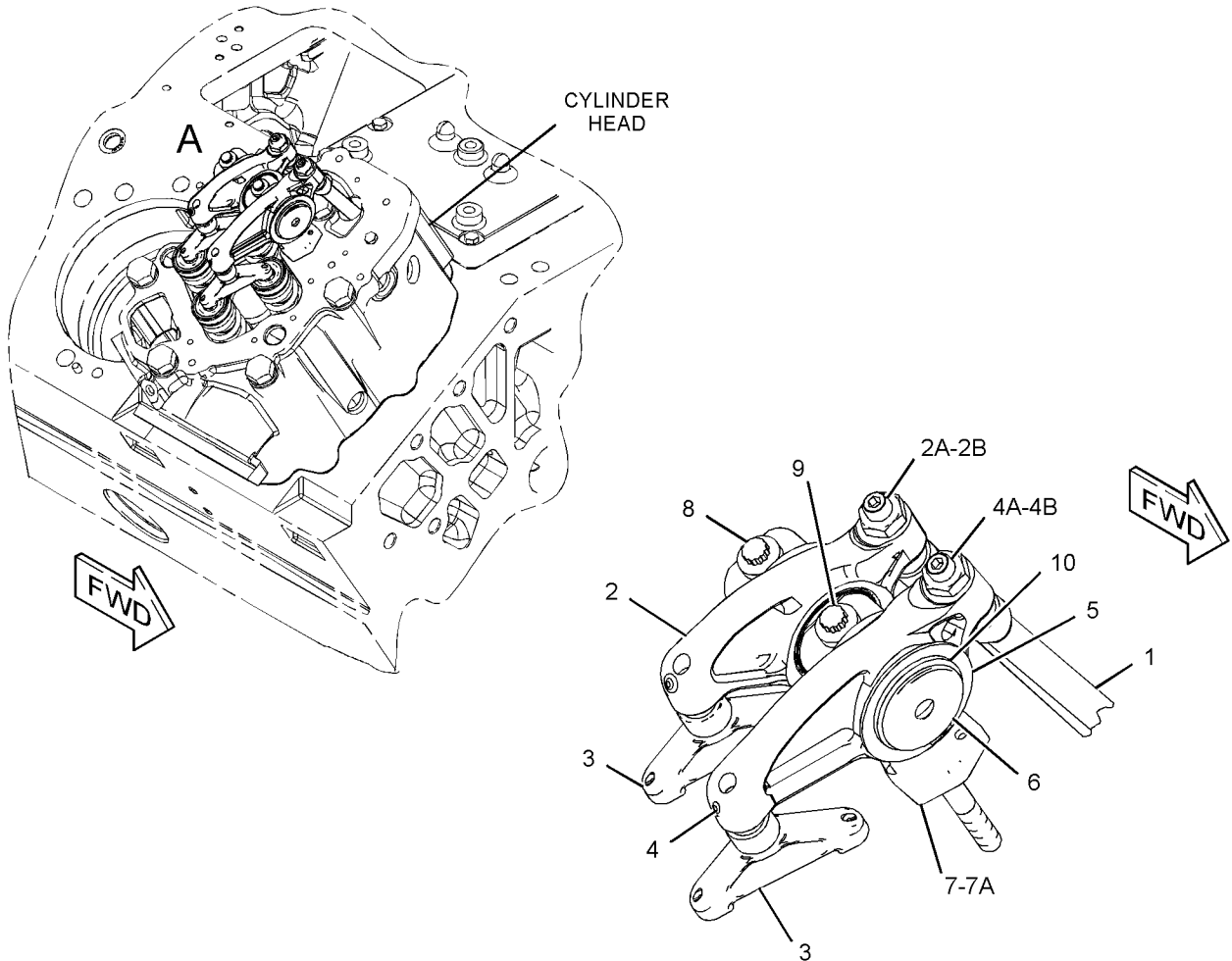
246-6670 VALVE MECHANISM GP

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1102, 1121, 1123

i02444262

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	236-0521	2	PUSHROD						
	2	1	236-0535	1	ROCKER ARM AS (EXHAUST)						
	2A	1	247-3422	1	NUT						
	2B	1	266-2196	1	SCREW-ADJUSTMENT (M14X1.5-THD)						
	3	1	237-9743	2	BRIDGE						
	4	1	244-5563	1	ROCKER ARM AS (INTAKE)						
	4A	1	247-3422	1	NUT						
	4B	1	266-2196	1	SCREW-ADJUSTMENT (M14X1.5-THD)						
	5	1	246-6687	1	SLEEVE						
	6	1	258-9962	1	SHAFT AS-ROCKER ARM						
	7	1	258-9963	1	SUPPORT AS						
	7A	1	260-9335	4	DOWEL						
	8	1	262-9241	1	BOLT-12 POINT HEAD (M12X1.75X132.5-MM)						
	9	1	262-9242	1	BOLT-12 POINT HEAD (M12X1.75X216.5-MM)						
	10	1	6V-8757	1	RING-RETAINING						



GRAPHIC #1

<END>

g01227010

BASIC ENGINE

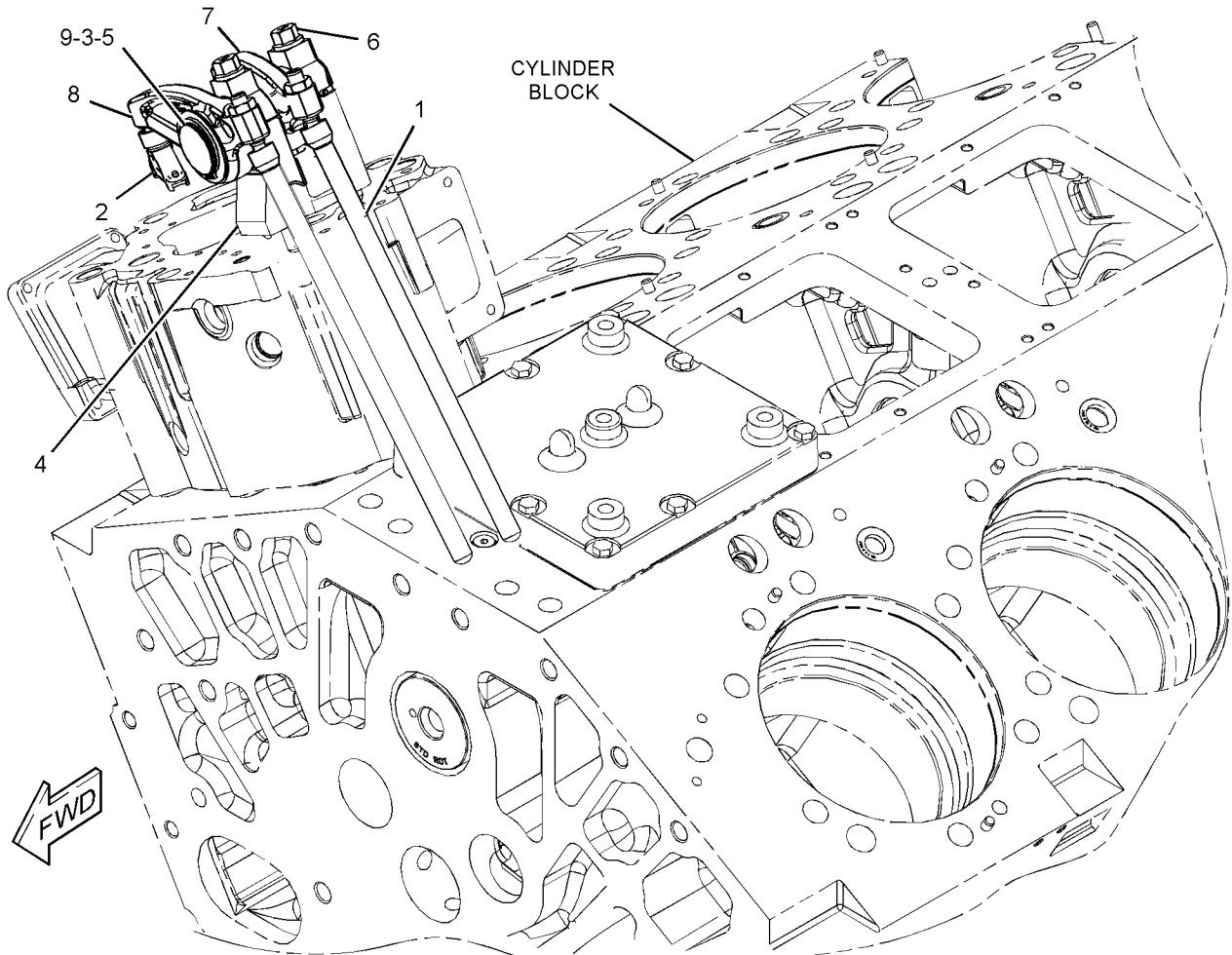
273-1225 VALVE MECHANISM GP

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1102, 1121, 1123

i02440954

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	236-0521	2	PUSHROD						
	2	1	237-9743	2	BRIDGE						
	3	1	246-6687	1	SLEEVE						
	4	1	272-5937	1	SUPPORT AS						
		1	272-1039	2	DOWEL						
	5	1	272-5939	1	SHAFT AS-ROCKER ARM						
		1	4B-9782	1	BALL						
		1	096-4901	1	DOWEL						
	6	1	273-9984	2	BOLT (M16X2X170-MM)						
	7	1	283-9339	1	ROCKER ARM AS (EXHAUST)						
		1	254-5922	1	BUSHING						
		1	236-0540	1	SCREW-ADJUSTMENT						
		1	247-3422	1	NUT (M14X1.5)						
	8	1	283-9340	1	ROCKER ARM AS (INTAKE)						
		1	254-5922	1	BUSHING						
		1	236-0540	1	SCREW-ADJUSTMENT						
		1	247-3422	1	NUT (M14X1.5)						
	9	1	6V-8757	1	RING-RETAINING						



GRAPHIC #1

<END>

g01221234

LUBRICATION SYSTEM

276-2723 BREATHER GP-CRANKCASE

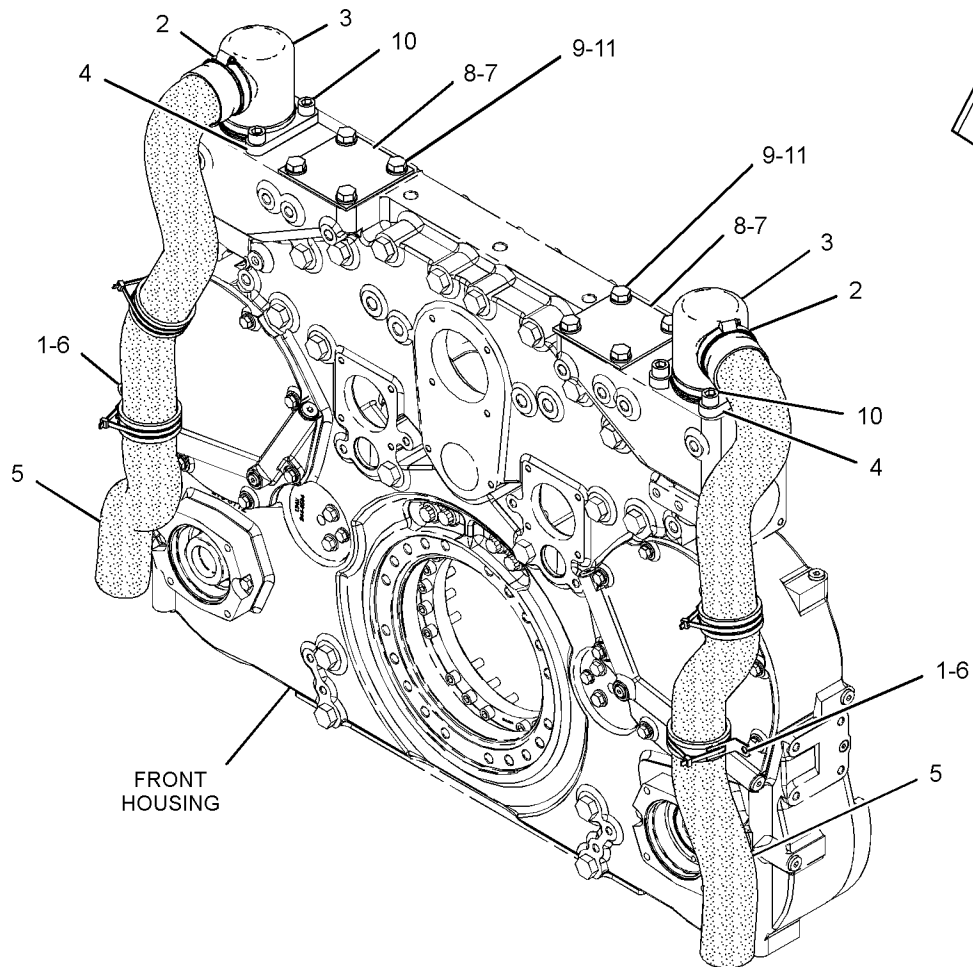
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1317

i02440870

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	9M-7959	2	CLAMP - HOSE						
	3	1	276-2724	2	BREATHER AS (CRANKCASE)						
	4	1	276-2725	4	CLAMP						
	5	1	279-0758	2	HOSE AS						
	6	1	101-3625	4	CLIP						
	7	1	1K-6809	2	GASKET						
	8	1	2J-0626	2	COVER						
M	9	1	8T-0299	8	BOLT (M16X2X30-MM)						
M	10	1	8T-4944	8	BOLT-SOCKET HEAD (M16X2X40-MM)						
	11	1	9X-8268	8	WASHER (17.5X30X3.5-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01223612

LUBRICATION SYSTEM

249-6368 FILLER GP-ENGINE OIL

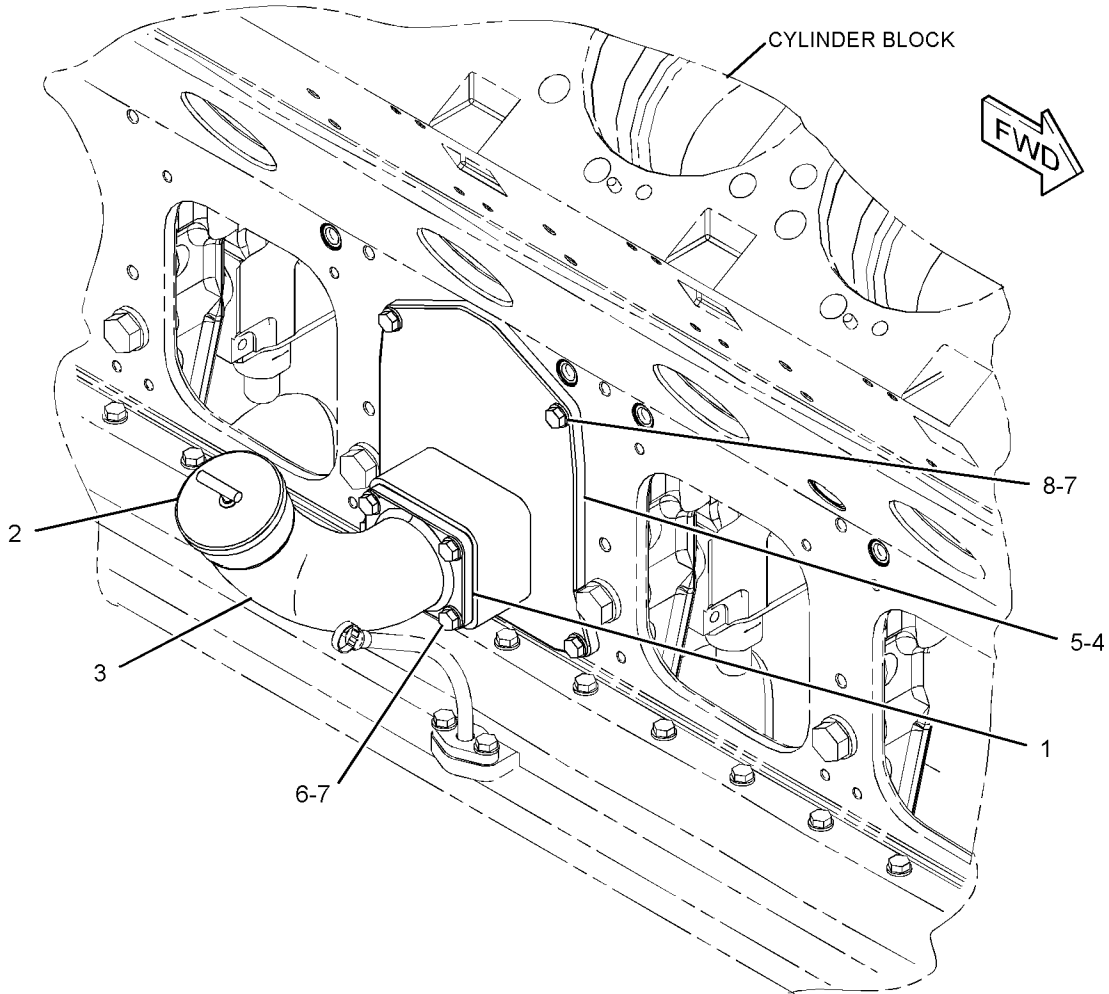
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1316

i02443544

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2W-0752	1	GASKET						
	2	1	7L-4447	1	CAP AS-FILLER (ENGINE OIL)						
	3	1	7N-5336	1	ELBOW-OIL FILLER						
	4	1	208-2363	1	SEAL						
	5	1	251-5522	1	COVER						
M	6	1	6V-3822	4	BOLT (M10X1.5X35-MM)						
	7	1	6V-5839	8	WASHER (11X21X2.5-MM THK)						
M	8	1	9X-2125	4	BOLT-LOCKING (M10X1.5X25-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01223095

LUBRICATION SYSTEM

138-6144 FILTER GP-ENGINE OIL

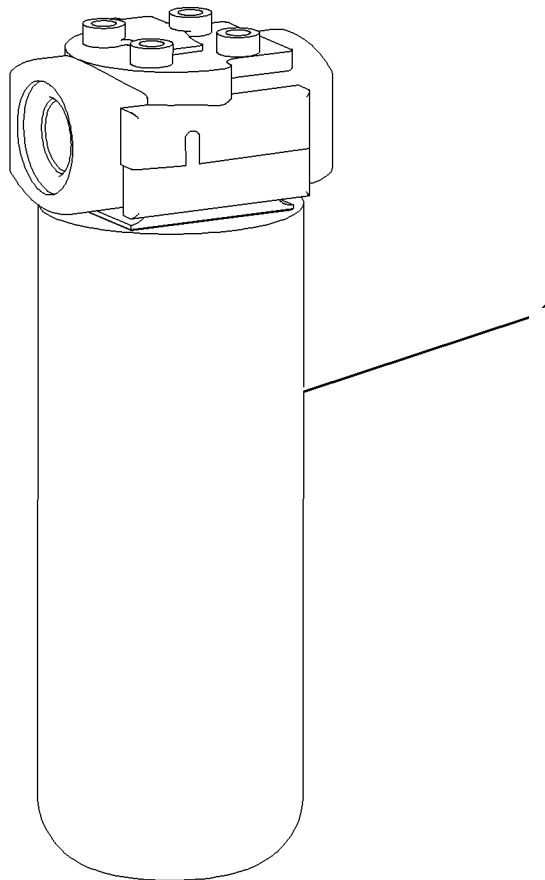
S/N: WYB1-UP

PART OF 284-8367 LINES GP-OIL
AN ATTACHMENT

SMCS-1306, 1308

i01693525

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	ELEMENT AS-FILTER (ADVANCED EFFICIENCY)						



GRAPHIC #1

<END>

g00854501

LUBRICATION SYSTEM

276-2704 FILTER GP-ENGINE OIL-RH

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1306, 1308

i02451087

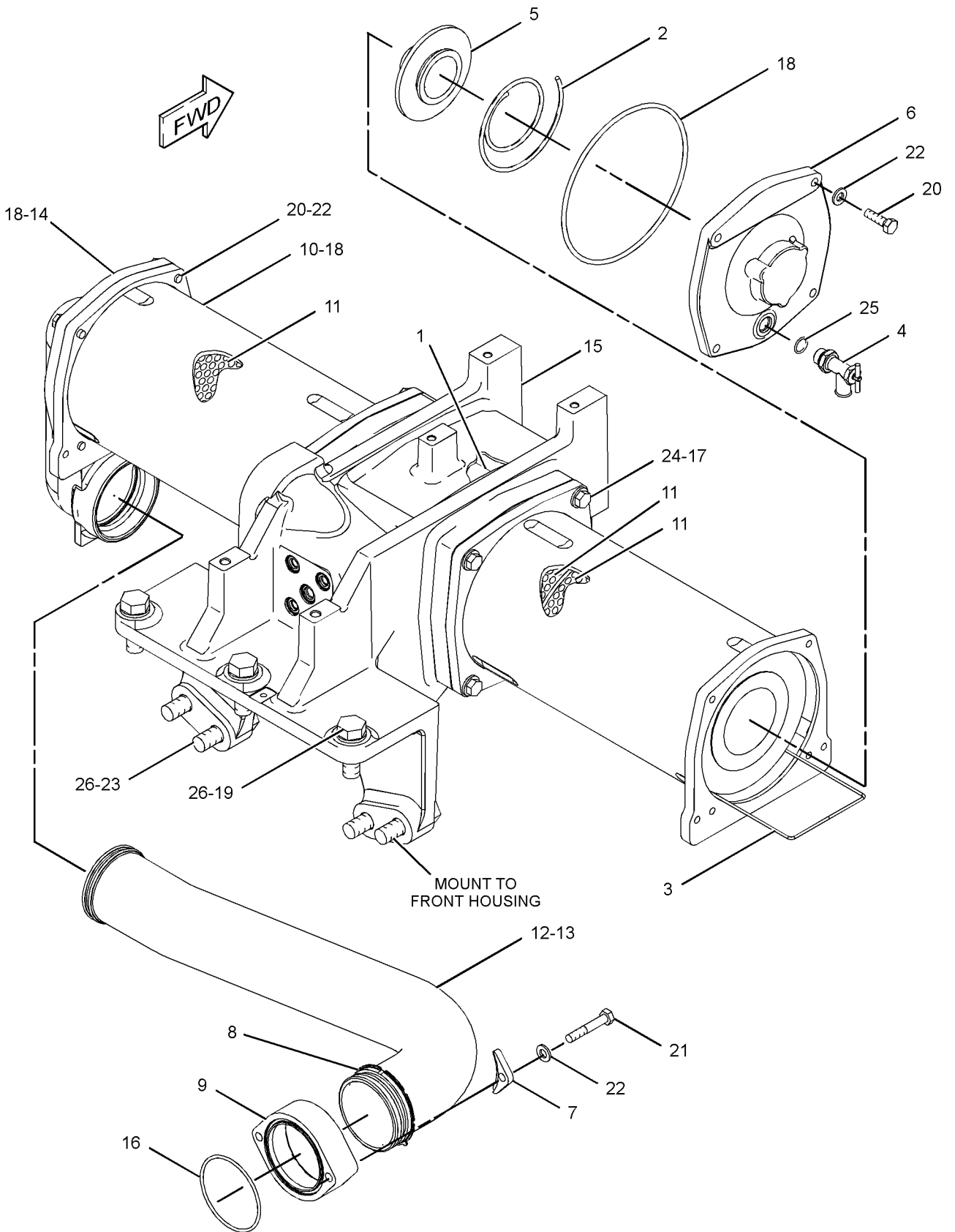
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1W-3958	1	TUBE						
	2	1	2W-6862	1	SPRING						
	3	1	4P-9168	1	RACK-OIL FILTER						
	4	1	6V-7238	1	VALVE-SHUTOFF						
	5	1	7C-3945	1	RETAINER-ELEMENT						
	6	1	7C-9589	1	COVER						
	7	1	8N-3639	2	RETAINER						
	8	1	8N-3640	1	RING-RETAINING						
	9	1	129-9454	1	FLANGE						
	10	1	245-4876	2	HOUSING AS-FILTER						
	11	1	249-2340	3	ELEMENT AS-OIL FILTER						
	12	1	253-7730	1	TUBE						
	13	1	259-4600	2	SEAL-O-RING						
	14	1	274-7713	1	HOUSING-OIL FILTER						
	15	1	276-2705	1	BASE-OIL FILTER						
	16	1	131-3718	1	SEAL-O-RING						
	17	1	5P-8245	8	WASHER-HARD (13.5X25.5X3-MM THK)						
	18	1	6V-3349	4	SEAL-O-RING						
M	19	1	6V-3532	3	BOLT (M20X2.5X60-MM)						
M	20	1	6V-3822	8	BOLT (M10X1.5X35-MM)						
M	21	1	6V-5230	2	BOLT (M10X1.5X60-MM)						
	22	1	6V-5839	10	WASHER (11X21X2.5-MM THK)						
M	23	1	6V-5845	4	BOLT (M20X2.5X70-MM)						
M	24	1	6V-8675	8	BOLT (M12X1.75X35-MM)						
	25	1	8L-2786	1	SEAL-O-RING						
	26	1	8T-3282	7	WASHER-HARD (22X35X3.5-MM THK)						

M-METRIC PART

LUBRICATION SYSTEM

276-2704 FILTER GP-ENGINE OIL (contd.)

i02451087



GRAPHIC #1

<END>

g01225608

LUBRICATION SYSTEM

276-2709 FILTER GP-ENGINE OIL-LH

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1306, 1308

i02451095

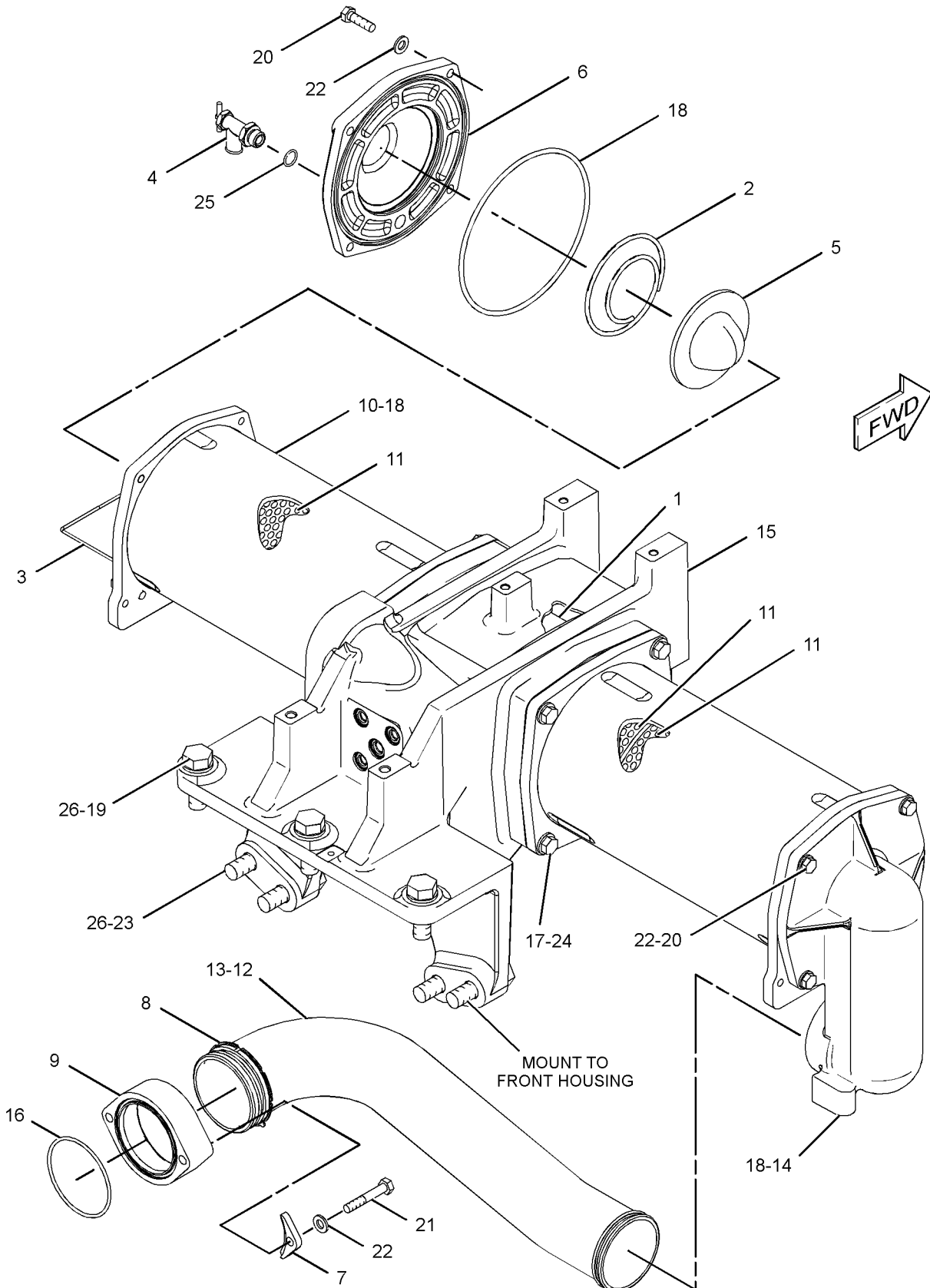
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1W-3958	1	TUBE						
	2	1	2W-6862	1	SPRING						
	3	1	4P-9168	1	RACK-OIL FILTER						
	4	1	6V-7238	1	VALVE-SHUTOFF						
	5	1	7C-3945	1	RETAINER-ELEMENT						
	6	1	7C-9589	1	COVER						
	7	1	8N-3639	2	RETAINER						
	8	1	8N-3640	1	RING-RETAINING						
	9	1	129-9454	1	FLANGE						
	10	1	245-4876	2	HOUSING AS-FILTER						
	11	1	249-2340	3	ELEMENT AS-OIL FILTER						
	12	1	253-7730	1	TUBE						
	13	1	259-4600	2	SEAL-O-RING						
	14	1	274-7713	1	HOUSING-OIL FILTER						
	15	1	276-2705	1	BASE-OIL FILTER						
	16	1	131-3718	1	SEAL-O-RING						
	17	1	5P-8245	8	WASHER-HARD (13.5X25.5X3-MM THK)						
	18	1	6V-3349	4	SEAL-O-RING						
M	19	1	6V-3532	3	BOLT (M20X2.5X60-MM)						
M	20	1	6V-3822	8	BOLT (M10X1.5X35-MM)						
M	21	1	6V-5230	2	BOLT (M10X1.5X60-MM)						
	22	1	6V-5839	10	WASHER (11X21X2.5-MM THK)						
M	23	1	6V-5845	4	BOLT (M20X2.5X70-MM)						
M	24	1	6V-8675	8	BOLT (M12X1.75X35-MM)						
	25	1	8L-2786	1	SEAL-O-RING						
	26	1	8T-3282	7	WASHER-HARD (22X35X3.5-MM THK)						

M-METRIC PART

LUBRICATION SYSTEM

276-2709 FILTER GP-ENGINE OIL (contd.)

i02451095



GRAPHIC #1

<END>

g01225477

LUBRICATION SYSTEM

259-9104 FUMES DISPOSAL GP

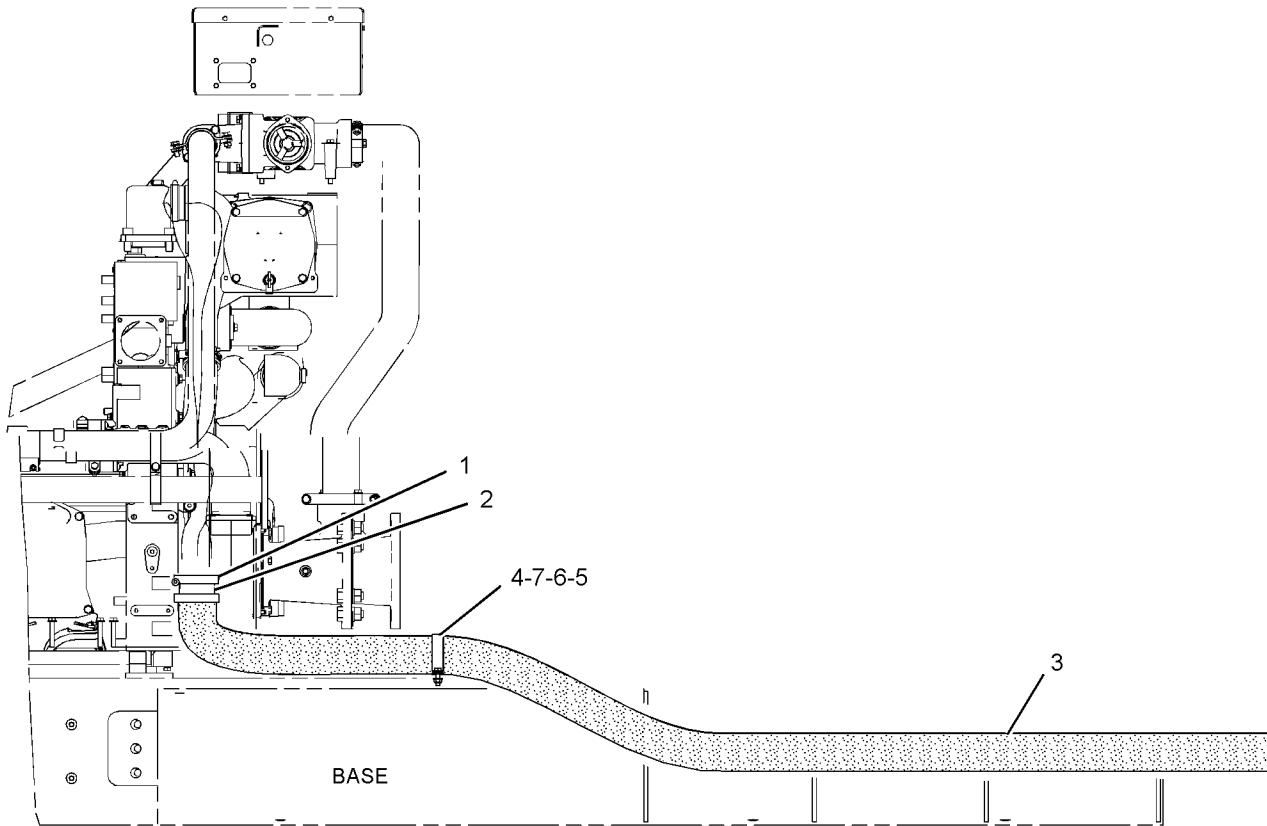
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1317

i02451066

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6V-3582	4	CLAMP-HOSE						
	2	1	281-8197	2	TUBE						
	3	1	283-1131	2	HOSE AS						
	4	1	120-5867	2	CLIP						
M	5	1	6V-7744	2	LOCKNUT (M10X1.15-THD)						
	6	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	7	1	8T-4196	2	BOLT (M10X1.5X35-MM)						

M-METRIC PART



LEFT SIDE VIEW

GRAPHIC #1

<END>

g01225464

LUBRICATION SYSTEM

259-9105 FUMES DISPOSAL GP

S/N: WYB1-UP

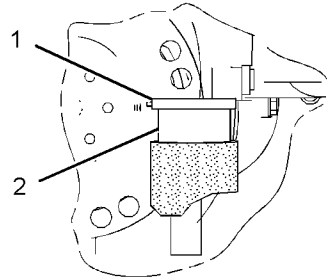
CANNOT BE USED WITH ENGINE WITH RADIATOR
AN ATTACHMENT

SMCS-1317

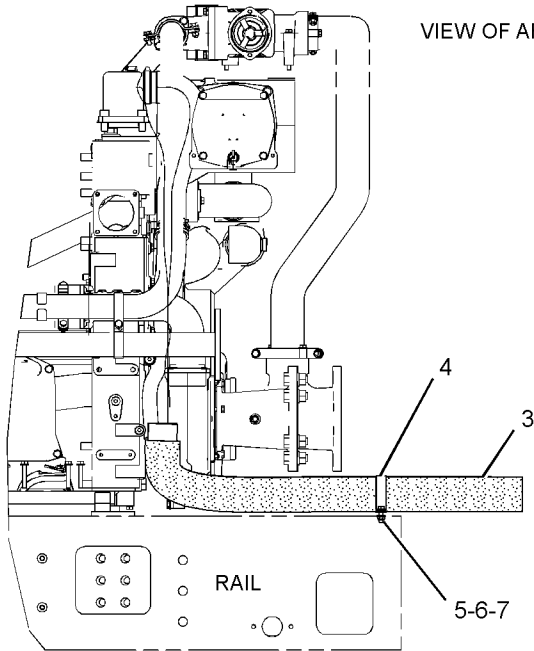
i02451072

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6V-3582	4	CLAMP-HOSE						
	2	1	281-8197	2	TUBE						
	3	1	283-1132	2	HOSE AS						
	4	1	120-5867	2	CLIP						
M	5	1	6V-7744	2	LOCKNUT (M10X1.15-THD)						
	6	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	7	1	8T-4196	2	BOLT (M10X1.5X35-MM)						

M-METRIC PART

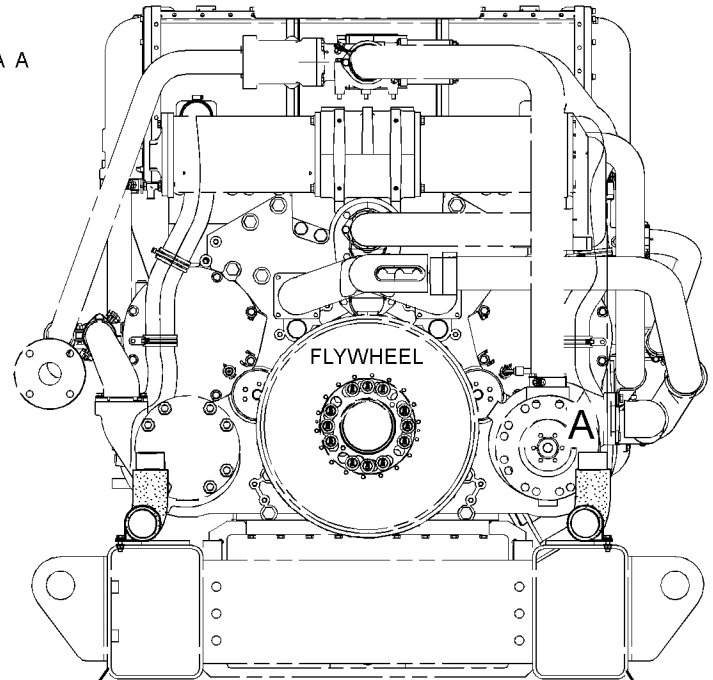


VIEW OF AREA A



LEFT SIDE VIEW

GRAPHIC #1



REAR VIEW

<END>

g01225483

LUBRICATION SYSTEM

256-5982 GAUGE GP-OIL LEVEL (DIPSTICK)

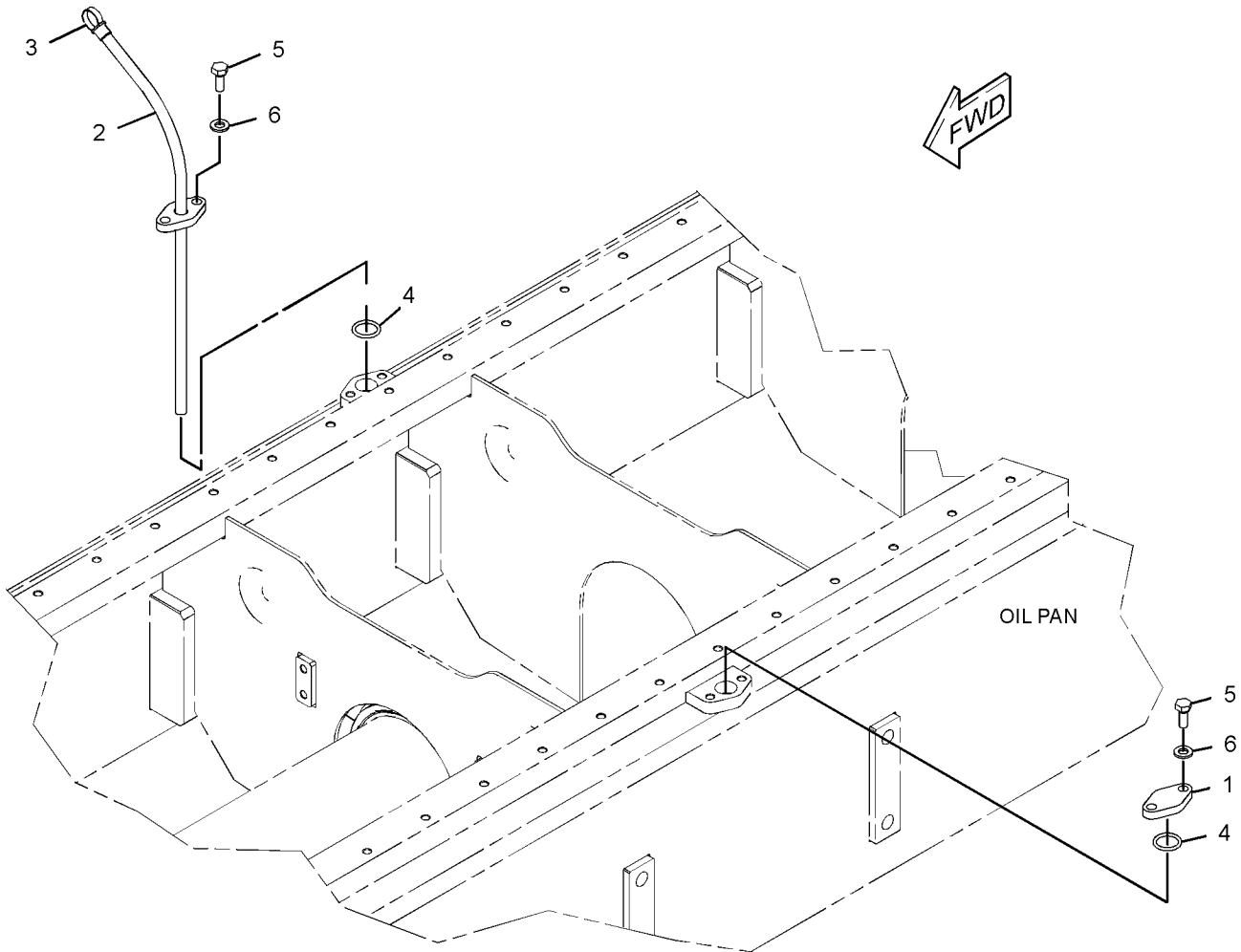
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1326

i02444444

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	246-4917	1	FLANGE						
	2	1	246-4918	1	TUBE AS-OIL LEVEL						
	3	1	246-4919	1	GAUGE AS-OIL LEVEL (DIPSTICK)						
	4	1	3P-1155	2	SEAL-O-RING						
M	5	1	6V-4248	4	BOLT (M10X1.5X25-MM)						
	6	1	6V-5839	4	WASHER (11X21X2.5-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01224832

LUBRICATION SYSTEM

264-3103 LINES GP-ENGINE OIL

S/N: WYB1-UP
AN ATTACHMENT

SMCS - 1307

i02444512

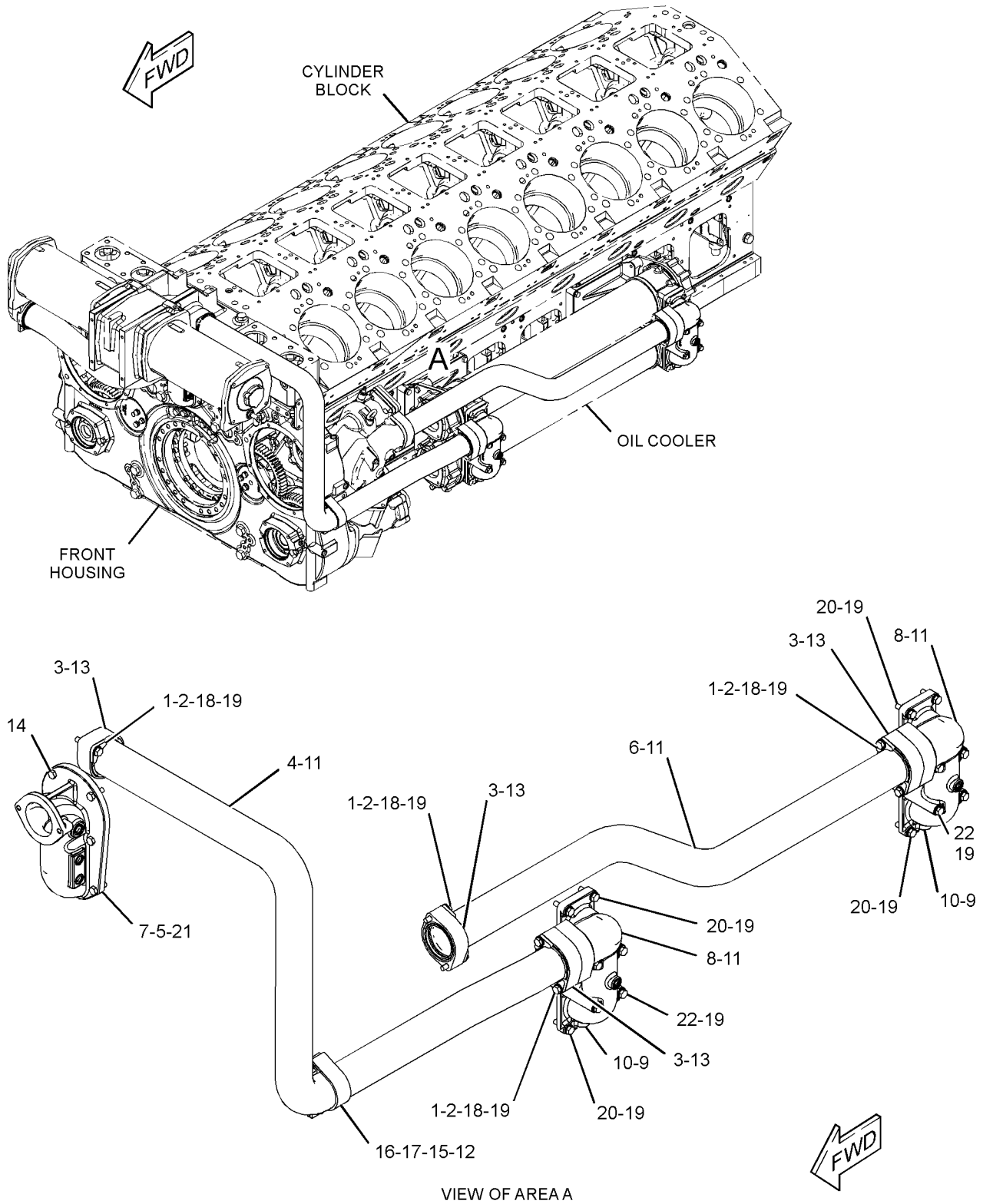
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1W-4072	8	RETAINER						
	2	1	1W-4099	4	RING-RETAINING						
	3	1	9Y-2099	4	FLANGE						
	4	1	253-7734	1	TUBE						
	5	1	258-8734	1	SEAL-O-RING						
	6	1	264-3101	1	TUBE						
	7	1	266-2177	1	ELBOW						
	8	1	274-7708	2	ELBOW						
	9	1	215-3580	2	SEAL-O-RING						
	10	1	241-6157	2	PLUG						
	11	1	269-7885	8	SEAL-O-RING						
	12	1	5P-8245	1	WASHER-HARD (13.5X25.5X3-MM THK)						
	13	1	6V-1196	4	SEAL-O-RING						
M	14	1	6V-1820	6	BOLT (M10X1.5X30-MM)						
M	15	1	6V-3668	1	BOLT (M12X1.75X30-MM)						
	16	1	6V-5039	1	CLIP (SLOT)						
	17	1	6V-5040	1	CLIP (TAB)						
M	18	1	6V-5230	8	BOLT (M10X1.5X60-MM)						
	19	1	6V-5839	24	WASHER (11X21X2.5-MM THK)						
M	20	1	6V-5842	8	BOLT (M10X1.5X40-MM)						
	21	1	6V-8002	1	SEAL-O-RING						
M	22	1	8T-5030	8	BOLT (M10X1.5X120-MM)						

M-METRIC PART

LUBRICATION SYSTEM

264-3103 LINES GP-ENGINE OIL (contd.)

i02444512



GRAPHIC #1

<END>

g01224962

LUBRICATION SYSTEM

276-2706 LINES GP-ENGINE OIL

S/N: WYB1-UP
AN ATTACHMENT

SMCS - 1307

i02451091

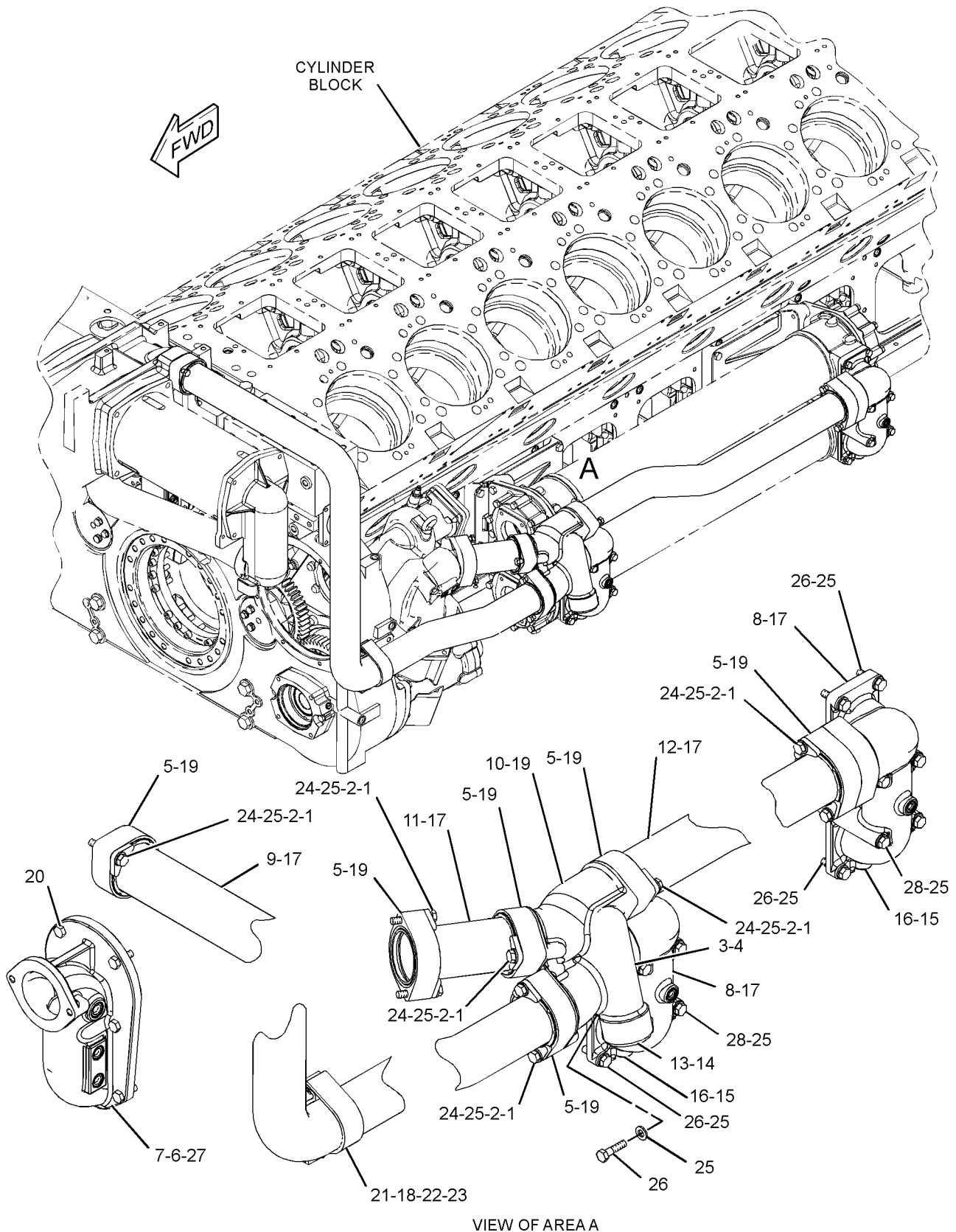
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1W-4072	12	RETAINER						
	2	1	1W-4099	6	RING-RETAINING						
	3	1	2W-1635	1	SPRING						
	4	1	2W-1969	1	VALVE-BYPASS						
	5	1	9Y-2099	6	FLANGE						
	6	1	258-8734	1	SEAL-O-RING						
	7	1	266-2177	1	ELBOW						
	8	1	274-7708	2	ELBOW						
	9	1	276-2707	1	TUBE						
	10	1	279-0761	1	ELBOW						
	11	1	281-9406	1	TUBE						
	12	1	281-9407	1	TUBE						
	13	1	209-4730	1	PLUG						
	14	1	209-5798	1	SEAL-O-RING						
	15	1	215-3580	2	SEAL-O-RING						
	16	1	241-6157	2	PLUG						
	17	1	269-7885	10	SEAL-O-RING						
	18	1	5P-8245	1	WASHER-HARD (13.5X25.5X3-MM THK)						
	19	1	6V-1196	7	SEAL-O-RING						
M	20	1	6V-1820	6	BOLT (M10X1.5X30-MM)						
M	21	1	6V-3668	1	BOLT (M12X1.75X30-MM)						
	22	1	6V-5039	1	CLIP (SLOT)						
	23	1	6V-5040	1	CLIP (TAB)						
M	24	1	6V-5230	12	BOLT (M10X1.5X60-MM)						
	25	1	6V-5839	30	WASHER (11X21X2.5-MM THK)						
M	26	1	6V-5842	10	BOLT (M10X1.5X40-MM)						
	27	1	6V-8002	1	SEAL-O-RING						
M	28	1	8T-5030	8	BOLT (M10X1.5X120-MM)						

M-METRIC PART

LUBRICATION SYSTEM

276-2706 LINES GP-ENGINE OIL (contd.)

i02451091



GRAPHIC #1

<END>

g01225388

LUBRICATION SYSTEM

284-8367 LINES GP-OIL-FUEL PUMP

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1307

i02479811

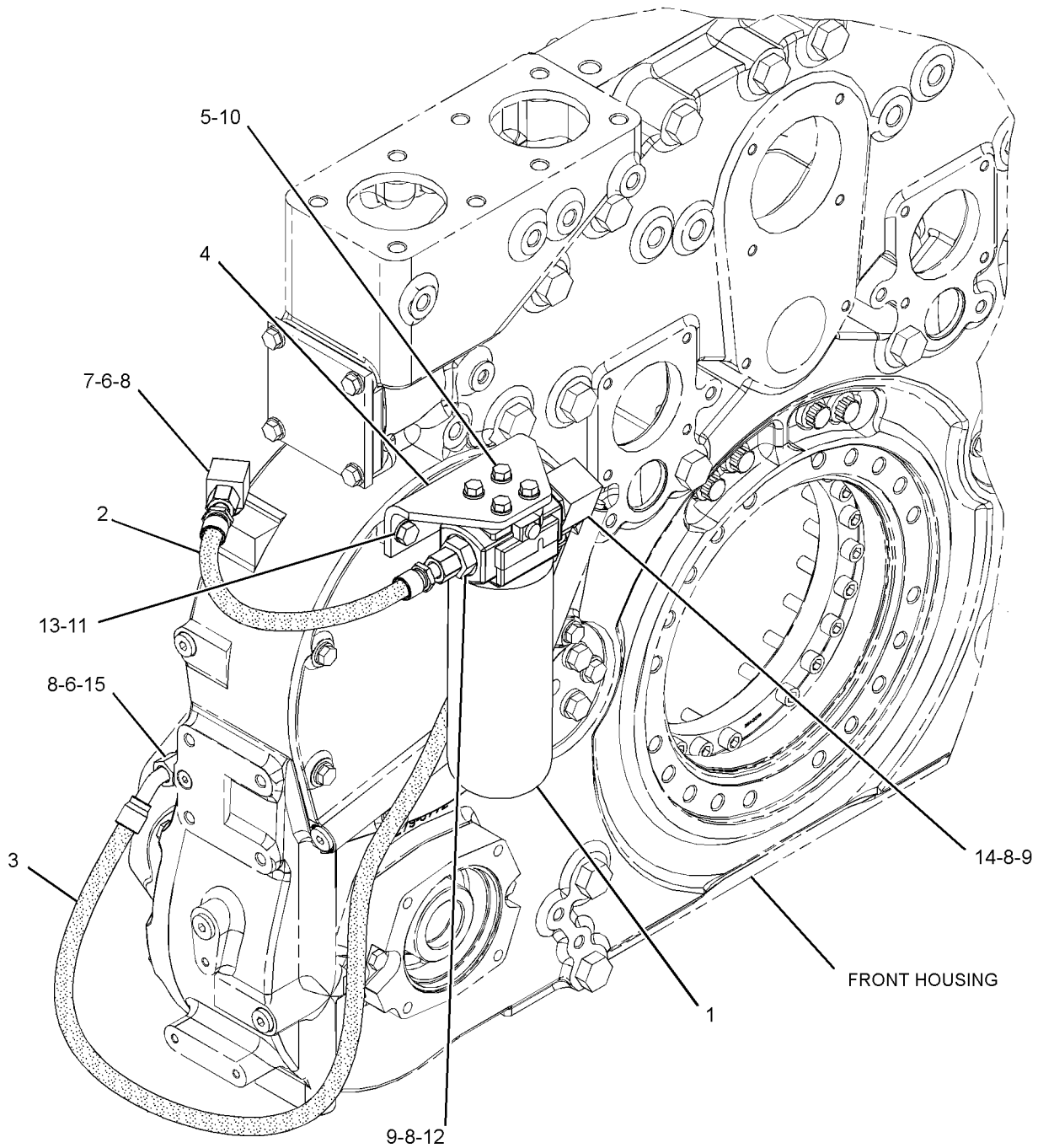
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	138-6144	1	FILTER GP-ENGINE OIL						89
	2	1	267-2217	1	HOSE AS						
	3	1	267-2218	1	HOSE AS						
	4	1	284-8368	1	BRACKET						
	5	1	0S-1594	4	BOLT (3/8-16X1-IN)						
	6	1	214-7565	2	SEAL-O-RING						
	7	1	227-0061	1	ELBOW						
	8	1	228-7090	4	SEAL-O-RING						
	9	1	228-7107	2	SEAL-O-RING						
	10	1	5M-2894	4	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	11	1	6V-5839	2	WASHER (11X21X2.5-MM THK)						
	12	1	6V-8633	1	CONNECTOR						
M	13	1	8T-4183	2	BOLT (M12X1.75X40-MM)						
	14	1	8T-5429	1	ELBOW						
	15	1	8T-7488	1	CONNECTOR						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

LUBRICATION SYSTEM

284-8367 LINES GP-OIL (contd.)

i02479811



GRAPHIC #1

<END>

g01243132

LUBRICATION SYSTEM

267-2216 LINES GP-TURBOCHARGER OIL

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1052, 1307

i02444518

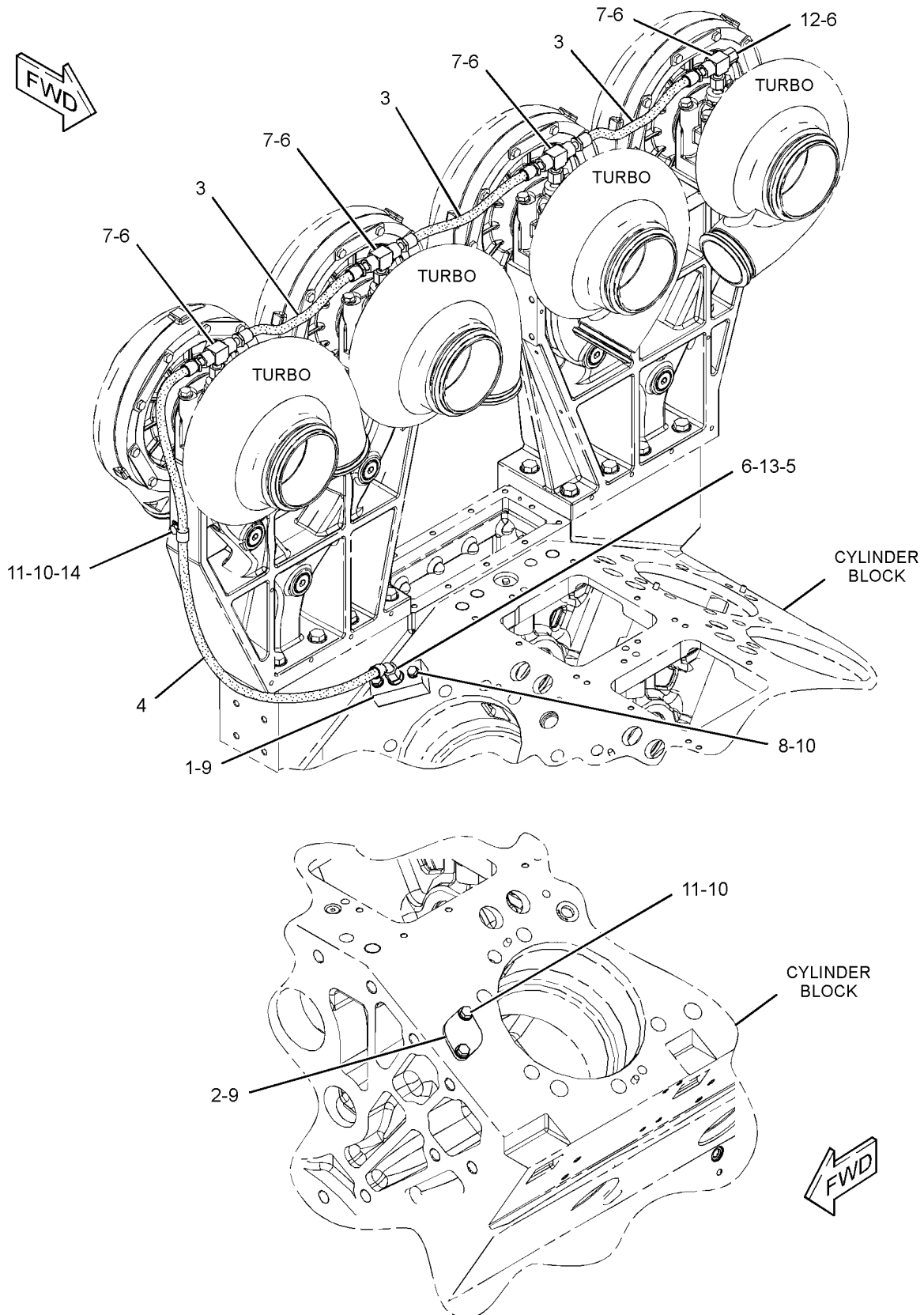
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	248-7588	1	MANIFOLD						
	2	1	249-4013	1	COVER						
	3	1	267-2217	3	HOSE AS						
	4	1	267-2218	1	HOSE AS						
	5	1	216-0881	1	SEAL-O-RING						
	6	1	228-7090	13	SEAL-O-RING						
	7	1	260-9242	4	TEE-SWIVEL						
M	8	1	6V-4249	2	BOLT (M10X1.5X50-MM)						
	9	1	6V-5266	2	SEAL-O-RING						
	10	1	6V-5839	5	WASHER (11X21X2.5-MM THK)						
M	11	1	6V-6317	3	BOLT (M10X1.5X20-MM)						
	12	1	6V-9830	1	CAP AS						
	13	1	8T-7490	1	CONNECTOR						
	14	1	9M-8406	1	CLIP						

M-METRIC PART

LUBRICATION SYSTEM

267-2216 LINES GP-TURBOCHARGER OIL (contd.)

i02444518



GRAPHIC #1

<END>

g01224933

LUBRICATION SYSTEM

255-4424 PUMP GP-ENGINE OIL

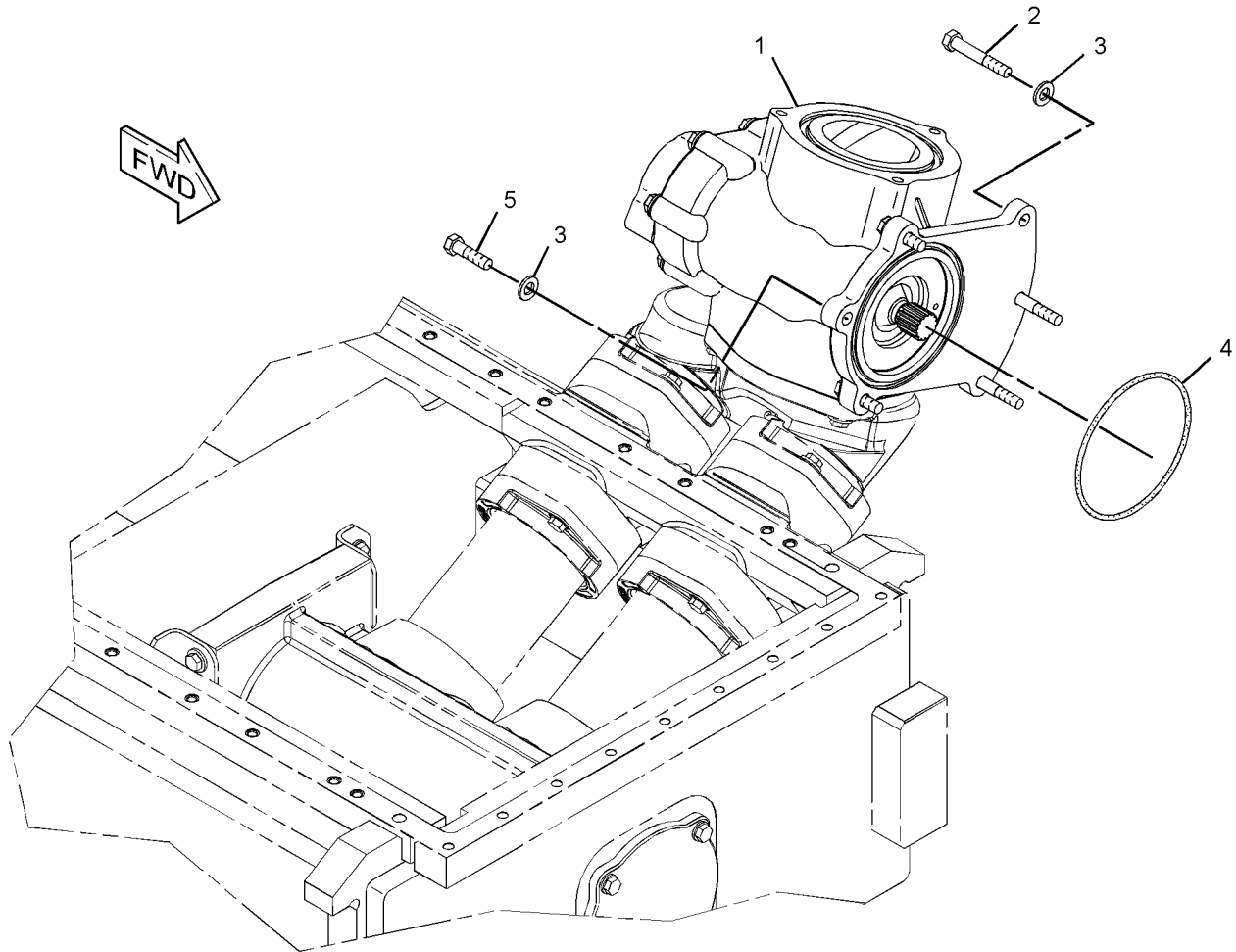
S/N: WYB1-UP
2-SECTION GEAR
AN ATTACHMENT

SMCS-1304, 1315

i02444419

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	255-4846	1	PUMP GP-ENGINE OIL						106
M	2	1	136-4189	3	BOLT (M12X1.75X75-MM)						
	3	1	5P-8245	6	WASHER-HARD (13.5X25.5X3-MM THK)						
	4	1	6V-5055	1	SEAL-O-RING						
M	5	1	6V-5684	3	BOLT (M12X1.75X45-MM)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01224786

LUBRICATION SYSTEM

255-4846 PUMP GP-ENGINE OIL

S/N: WYB1-UP

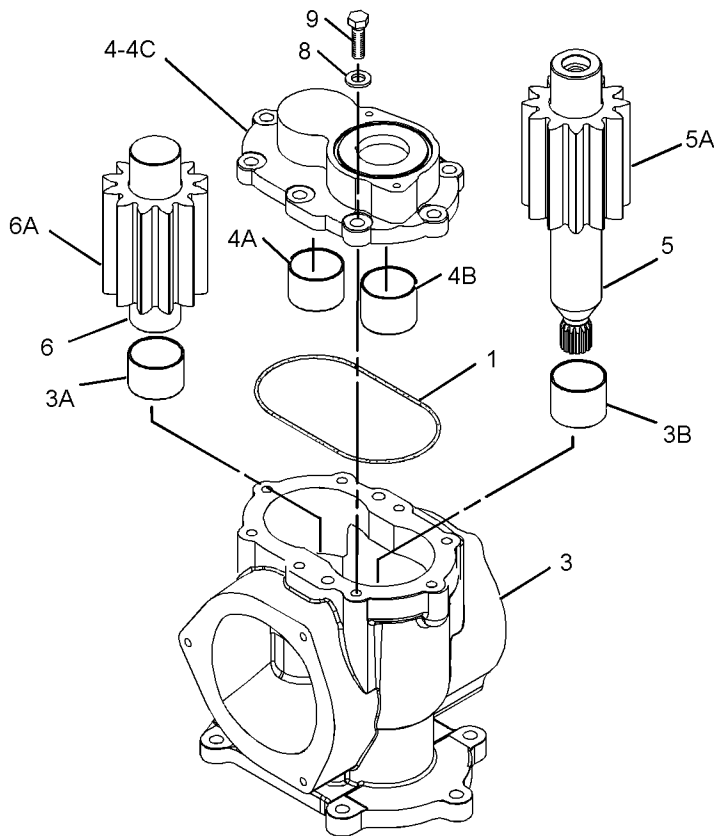
PART OF 255-4424 PUMP GP-ENGINE OIL
AN ATTACHMENT

SMCS-1304, 1315

i02444426

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-8428	1	SEAL-O-RING						
	3	1	255-4840	1	BODY AS-OIL PUMP						
	3A	1	255-4854	1	BEARING-SLEEVE						
	3B	1	262-0562	1	BEARING-SLEEVE						
	4	1	255-4842	1	COVER AS-OIL PUMP						
	4A	1	255-4854	1	BEARING-SLEEVE						
	4B	1	262-0562	1	BEARING-SLEEVE						
	4C	1	7N-5683	2	DOWEL						
	5	1	255-4844	1	SHAFT AS-OIL PUMP DRIVE						
	5A	1	255-4843	1	GEAR (12-TEETH)						
	6	1	255-4847	1	SHAFT AS-OIL PUMP DRIVE						
	6A	1	255-4843	1	GEAR (12-TEETH)						
	8	1	5P-8245	8	WASHER-HARD (13.5X25.5X3-MM THK)						
M	9	1	6V-8197	8	BOLT (M12X1.75X40-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01233246

LUBRICATION SYSTEM

277-3602 PUMP GP-PRELUBRICATION

S/N: WYB1-UP

24-VOLT

AN ATTACHMENT

SMCS-1319

i02479787

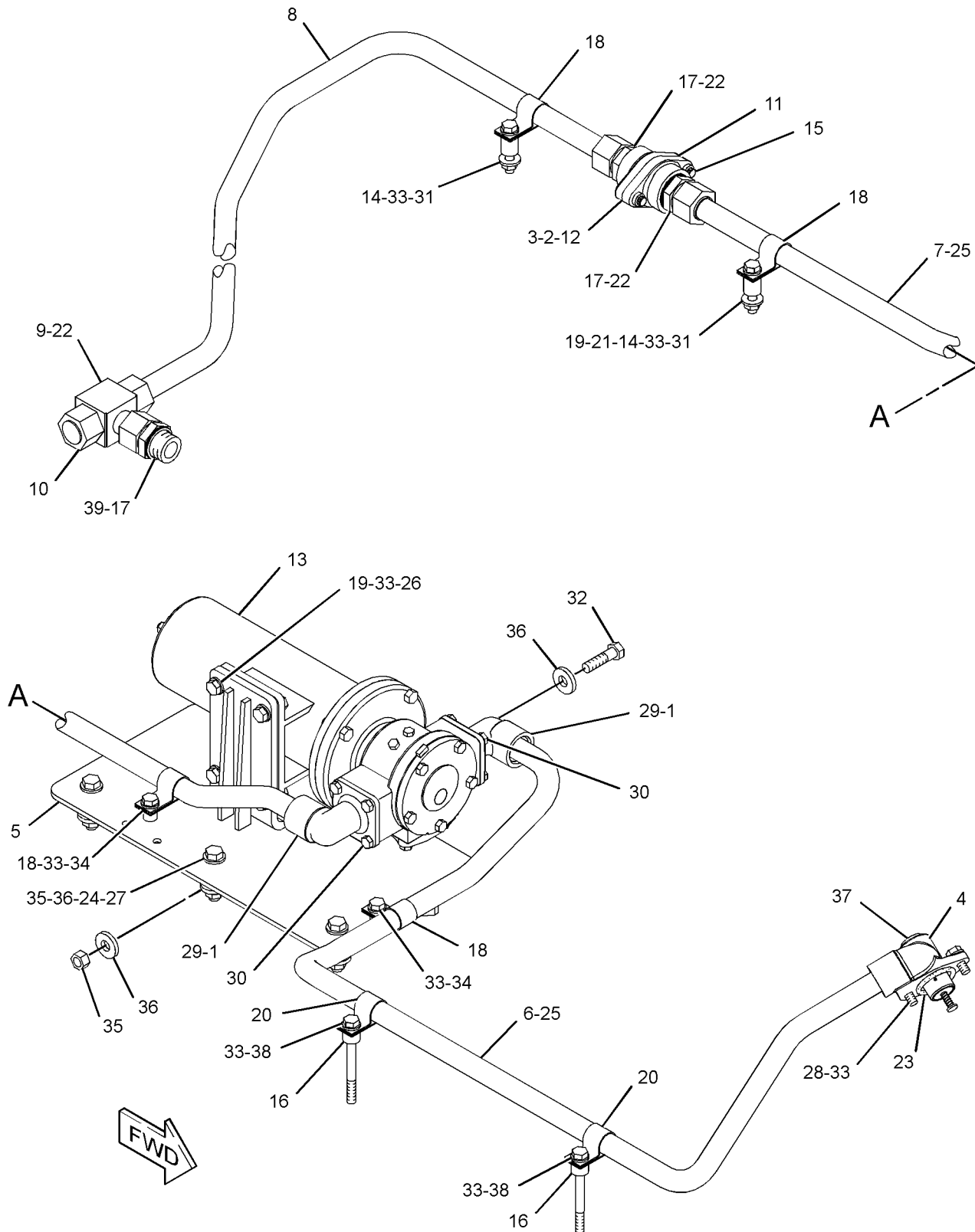
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1W-8188	2	ELBOW						
	2	1	2G-6303	1	SEAL						
	3	1	2G-6304	1	STRAINER AS (ENGINE OIL)						
	4	1	2W-0694	1	ELBOW AS-VALVE						
		1	1P-5274	1	PIN-VALVE SPRING						
		1	7L-0811	1	DOWEL						
		1	9B-0701	2	SPRING						
		1	9H-2367	1	SPRING-VALVE						
		1	9L-0672	1	VALVE-CHECK						
	5	1	277-3603	1	SUPPORT AS						
M		1	6V-9632	2	NUT-WELD (M6X1-THD)						
M		1	111-0483	2	BOSS (M10X1.5-MM-THD)						
	6	1	277-3604	1	TUBE						
	7	1	277-3605	1	TUBE AS						
	8	1	277-6675	1	TUBE AS						
	9	1	281-5953	1	TEE-SWIVEL						
	10	1	281-5954	1	CAP-PROTECTION						
	11	1	286-4446	1	ADAPTER						
	12	1	286-4447	1	ADAPTER						
Y	13	1	286-5620	1	PUMP GP-PRELUBRICATION						109
	14	1	133-6934	2	SPACER (11X20X25-MM THK)						
M	15	1	136-4183	2	BOLT-12 POINT HEAD (M10X1.5X30-MM)						
	16	1	154-2302	2	SPACER (11X20X15-MM THK)						
	17	1	227-0065	3	CONNECTOR						
	18	1	2L-9653	4	CLIP						
M	19	1	2Y-5829	6	NUT (M10X1.15-THD)						
	20	1	3A-3692	2	CLIP						
	21	1	3E-4353	2	WASHER-HARD (11X25X3-MM THK)						
	22	1	5K-9090	5	SEAL-O-RING						
	23	1	5P-5846	1	SEAL-O-RING						
	24	1	5P-8245	3	WASHER-HARD (13.5X25.5X3-MM THK)						
	25	1	5P-9890	3	SEAL-O-RING						
M	26	1	6V-3822	4	BOLT (M10X1.5X35-MM)						
M	27	1	6V-3823	3	BOLT (M12X1.75X60-MM)						
M	28	1	6V-4248	2	BOLT (M10X1.5X25-MM)						
	29	1	6V-5100	2	SEAL-O-RING						
M	30	1	6V-5217	8	BOLT (M8X1.25X20-MM)						
M	31	1	6V-5230	2	BOLT (M10X1.5X60-MM)						
M	32	1	6V-5684	2	BOLT (M12X1.75X45-MM)						
	33	1	6V-5839	16	WASHER (11X21X2.5-MM THK)						
M	34	1	6V-6317	2	BOLT (M10X1.5X20-MM)						
M	35	1	6V-8149	5	NUT (M12X1.75-THD)						
	36	1	7D-1649	7	WASHER-HARD (13.5X32X5-MM THK)						
	37	1	7X-7731	1	PLUG-PIPE						
M	38	1	8T-0355	2	BOLT (M10X1.5X110-MM)						
	39	1	8T-7526	3	SEAL-O-RING						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

LUBRICATION SYSTEM

277-3602 PUMP GP-PRELUBRICATION (contd.)

i02479787



GRAPHIC #1

<END>

g01239108

LUBRICATION SYSTEM

286-5620 PUMP GP-PRELUBRICATION

S/N: WYB1-UP

24-VOLT

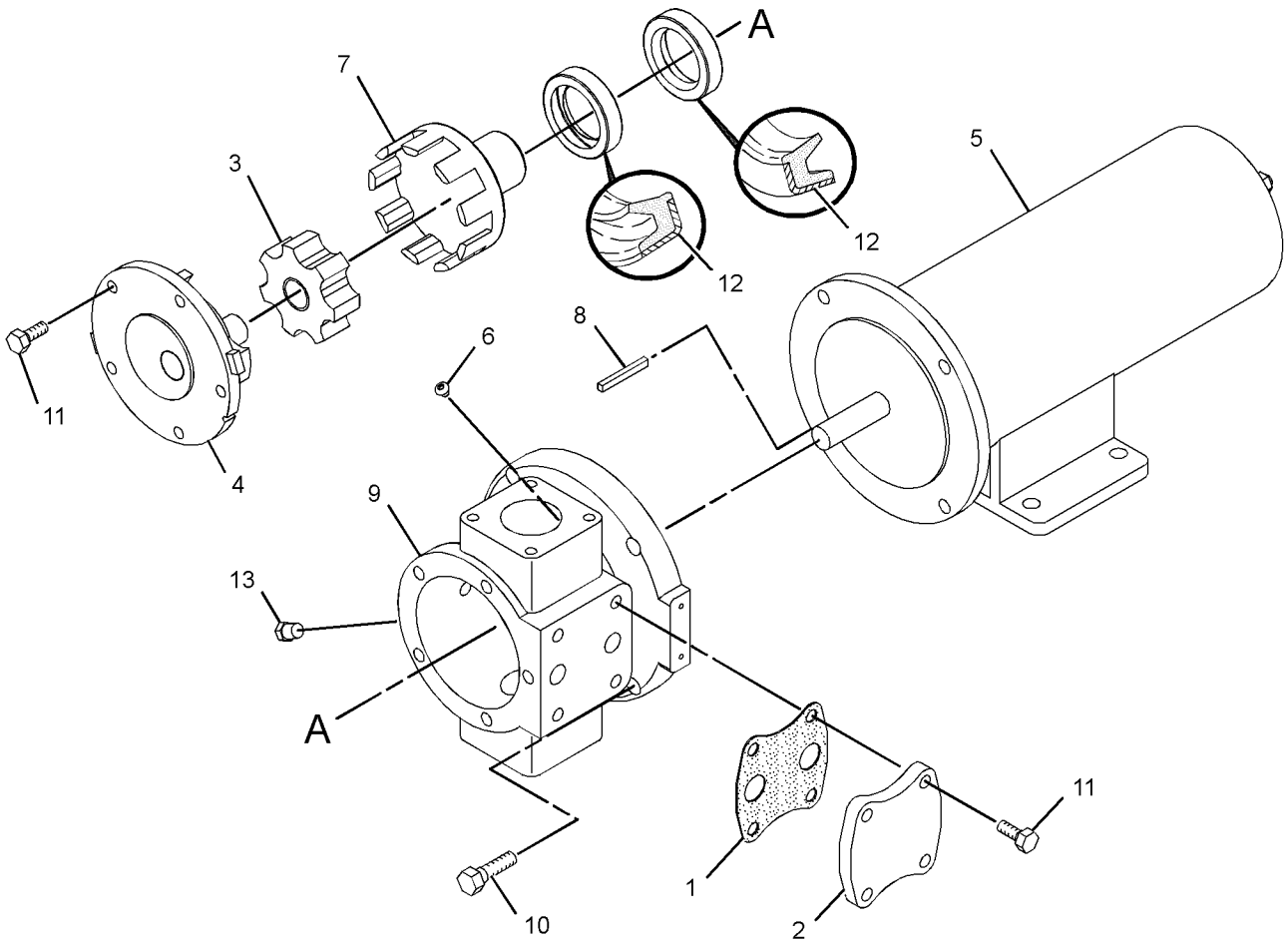
PART OF 277-3602 PUMP GP-PRELUBRICATION

AN ATTACHMENT

SMCS-1319

i02480054

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2N-7520	1	GASKET						
	2	1	2N-7521	1	COVER						
	3	1	2N-7523	1	IDLER AS (7-TEETH)						
	4	1	2N-7524	1	HEAD AS						
	5	1	3T-7583	1	MOTOR AS-PRELUBRICATION						
	6	1	6D-3910	1	SCREW-BUTTON HEAD (10-32X0.25-IN)						
	7	1	6N-5595	1	ROTOR						
	8	1	008-8694	1	KEY						
	9	1	286-4445	1	HOUSING						
	10	1	0S-1588	4	BOLT (3/8-16X1.25-IN)						
	11	1	0S-1617	9	BOLT (5/16-18X0.75-IN)						
	12	1	1H-5959	2	SEAL-LIP TYPE						
	13	1	5M-6214	2	PLUG-PIPE						



GRAPHIC #1

<END>

g01240316

LUBRICATION SYSTEM

260-9330 REGULATOR GP-OIL PRESSURE

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1304

i02437009

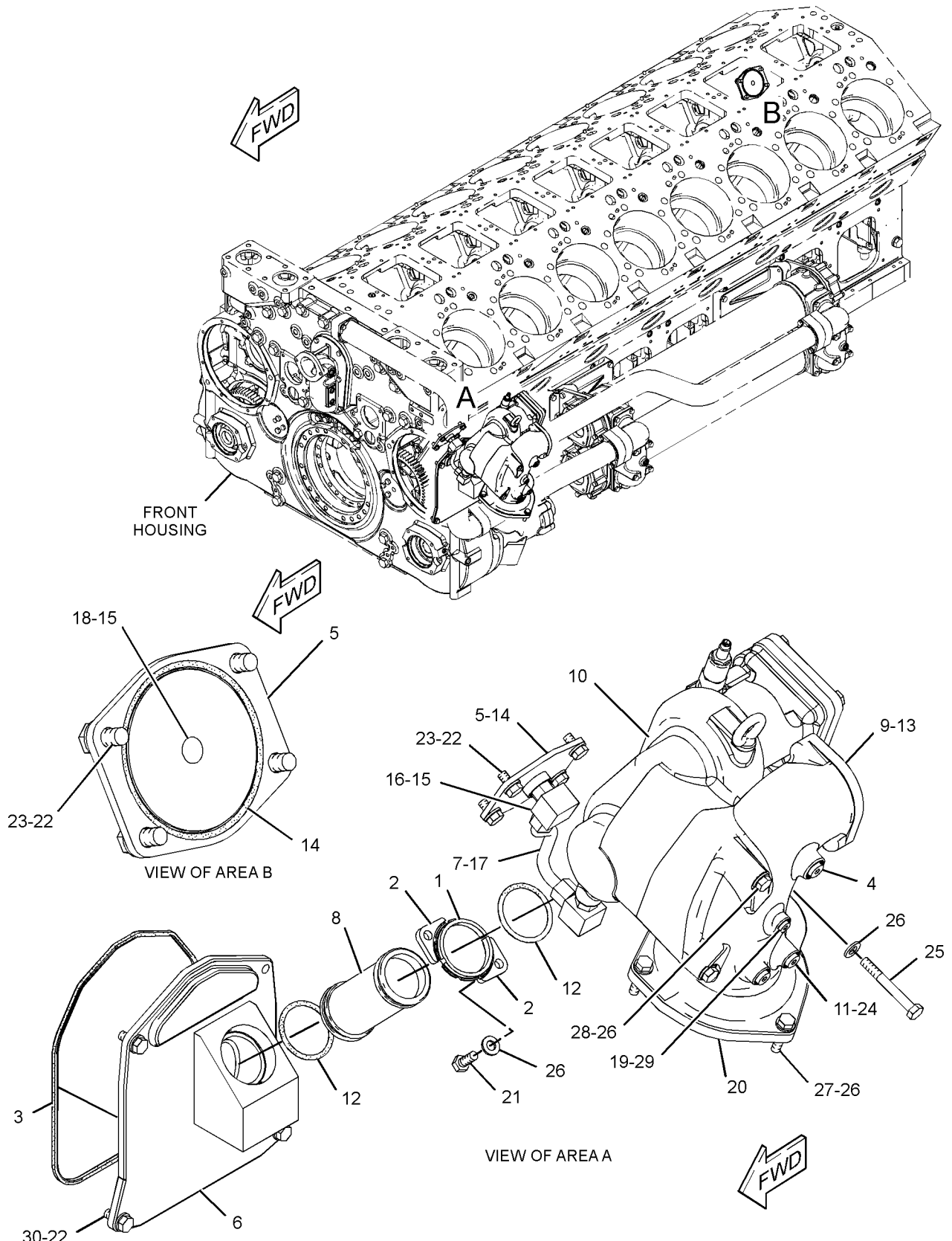
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8N-1991	1	RING-RETAINING						
	2	1	8N-1992	2	RETAINER						
	3	1	208-2363	1	SEAL						
	4	1	241-6169	1	PLUG AS						
		1	6V-6560	1	SEAL-O-RING						
		1	241-6170	1	PLUG						
	5	1	249-6395	2	COVER-OIL						
	6	1	266-2188	1	COVER AS-ACCESS						
	7	1	266-2189	1	TUBE AS						
	8	1	266-2190	1	TUBE						
	9	1	270-6839	1	ELBOW						
Y	10	1	274-2148	1	VALVE GP-PRESSURE CONTROL (ENGINE OIL)						120
	11	1	105-5211	2	PLUG						
	12	1	109-2332	2	SEAL-O-RING						
	13	1	112-8186	1	SEAL-O-RING						
	14	1	131-3718	2	SEAL-O-RING						
	15	1	214-7565	3	SEAL-O-RING						
	16	1	227-0061	2	ELBOW						
	17	1	228-7090	2	SEAL-O-RING						
	18	1	241-6158	1	PLUG						
	19	1	260-9153	1	PLUG						
	20	1	3E-6751	1	SEAL-O-RING						
M	21	1	6V-4248	2	BOLT (M10X1.5X25-MM)						
	22	1	6V-5839	12	WASHER (11X21X2.5-MM THK)						
M	23	1	6V-6317	8	BOLT (M10X1.5X20-MM)						
	24	1	6V-9028	2	SEAL-O-RING						
M	25	1	8T-0643	1	BOLT (M10X1.5X80-MM)						
	26	1	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)						
M	27	1	8T-4182	3	BOLT (M10X1.5X45-MM)						
M	28	1	8T-5030	2	BOLT (M10X1.5X120-MM)						
	29	1	8T-7876	1	SEAL-O-RING						
M	30	1	9X-2125	4	BOLT-LOCKING (M10X1.5X25-MM)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

LUBRICATION SYSTEM

260-9330 REGULATOR GP-OIL PRESSURE (contd.)

i02437009



GRAPHIC #1

<END>

g01224052

LUBRICATION SYSTEM

283-9330 REGULATOR GP-OIL PRESSURE

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1304

i02451100

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	8N-1991	1	RING-RETAINING						
	2	2	8N-1992	2	RETAINER						
	3	2	208-2363	1	SEAL						
	4	1	249-6395	1	COVER-OIL						
	5	2	266-2188	1	COVER AS-ACCESS						
	6	2	266-2190	1	TUBE						
Y	7	2	274-2148	1	VALVE GP-PRESSURE CONTROL (ENGINE OIL)						120
	8	2	279-0803	1	ELBOW						
	9	2	281-5883	1	CONNECTOR						
	10	2	283-1695	1	TUBE AS						
	11	2	109-2332	2	SEAL-O-RING						
	12	2	112-8186	1	SEAL-O-RING						
	13	1	131-3718	1	SEAL-O-RING						
	14	1,2	214-7565	2	SEAL-O-RING						
	15	2	227-0061	1	ELBOW						
	16	2	228-7090	2	SEAL-O-RING						
	17	2	228-7106	1	SEAL-O-RING						
	18	1	241-6158	1	PLUG						
	19	2	3E-6751	1	SEAL-O-RING						
M	20	2	6V-4248	2	BOLT (M10X1.5X25-MM)						
	21	1,2	6V-5839	8	WASHER (11X21X2.5-MM THK)						
M	22	1	6V-6317	4	BOLT (M10X1.5X20-MM)						
M	23	2	8T-0643	1	BOLT (M10X1.5X80-MM)						
	24	2	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)						
M	25	2	8T-4182	3	BOLT (M10X1.5X45-MM)						
M	26	2	8T-5030	2	BOLT (M10X1.5X120-MM)						
M	27	2	9X-2125	4	BOLT-LOCKING (M10X1.5X25-MM)						

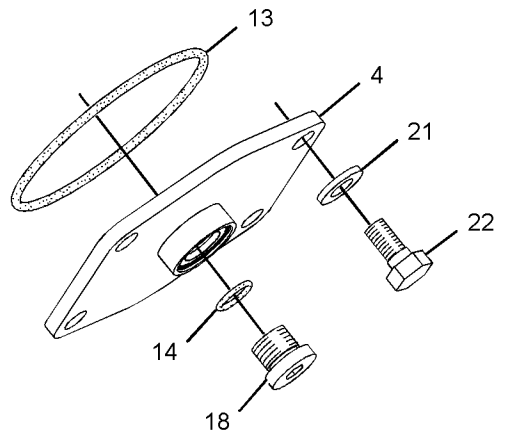
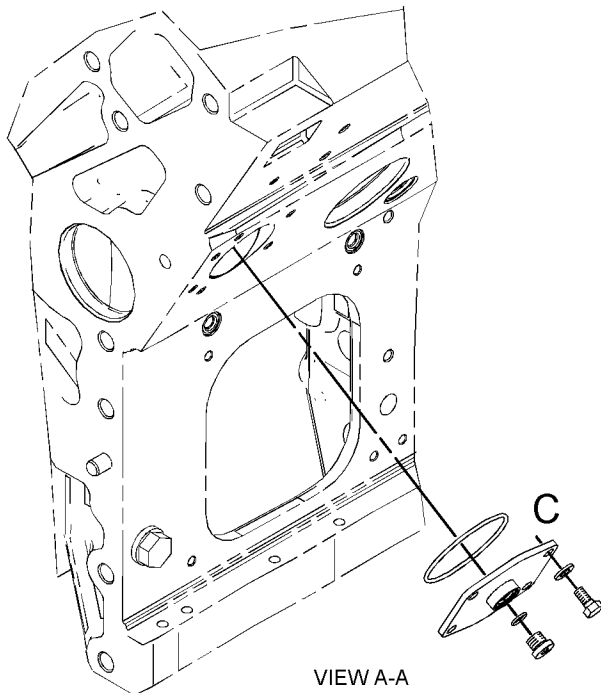
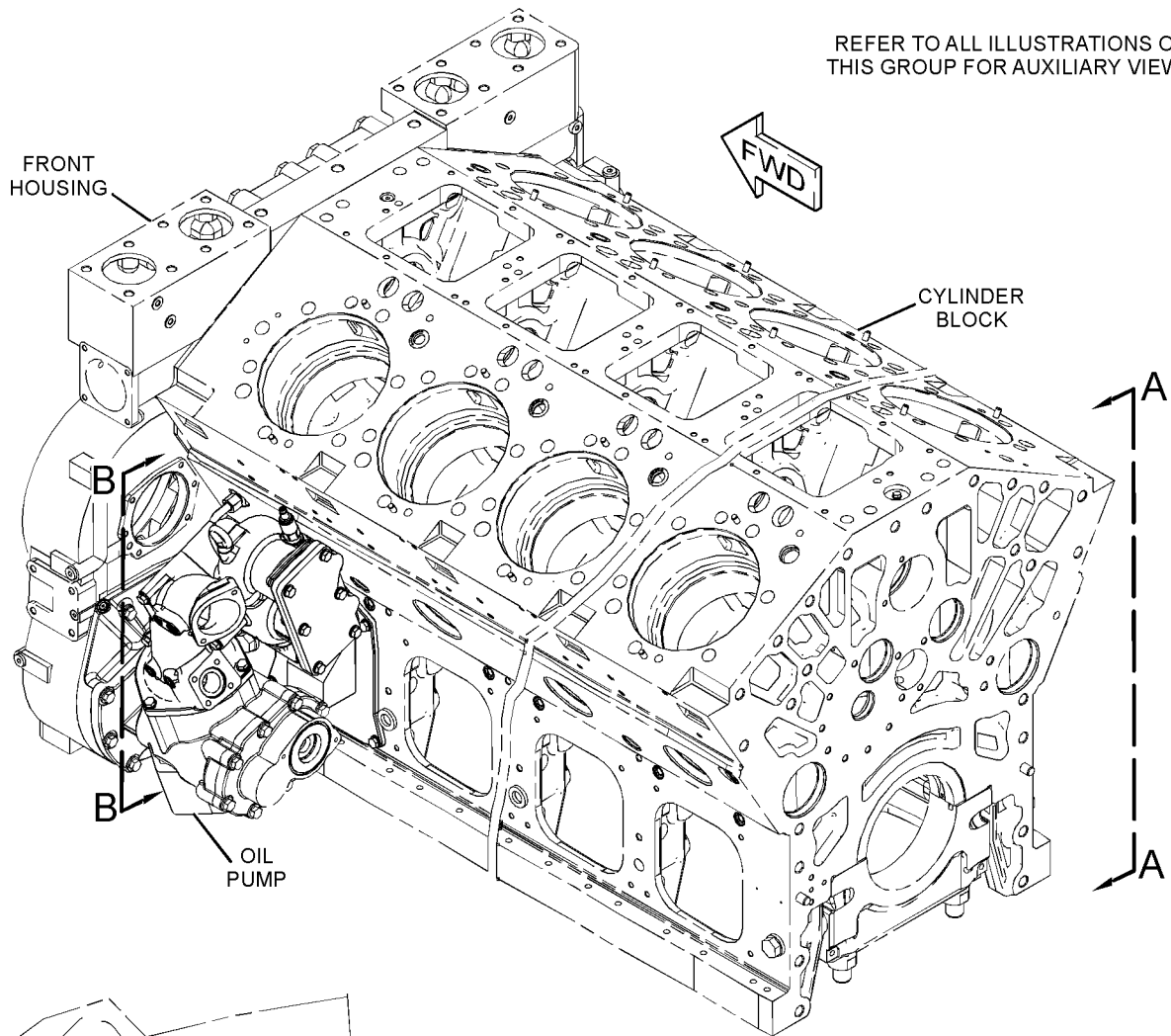
M-METRIC PART
Y-SEPARATE ILLUSTRATION

LUBRICATION SYSTEM

283-9330 REGULATOR GP-OIL PRESSURE (contd.)

i02451100

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



VIEW OF AREA C

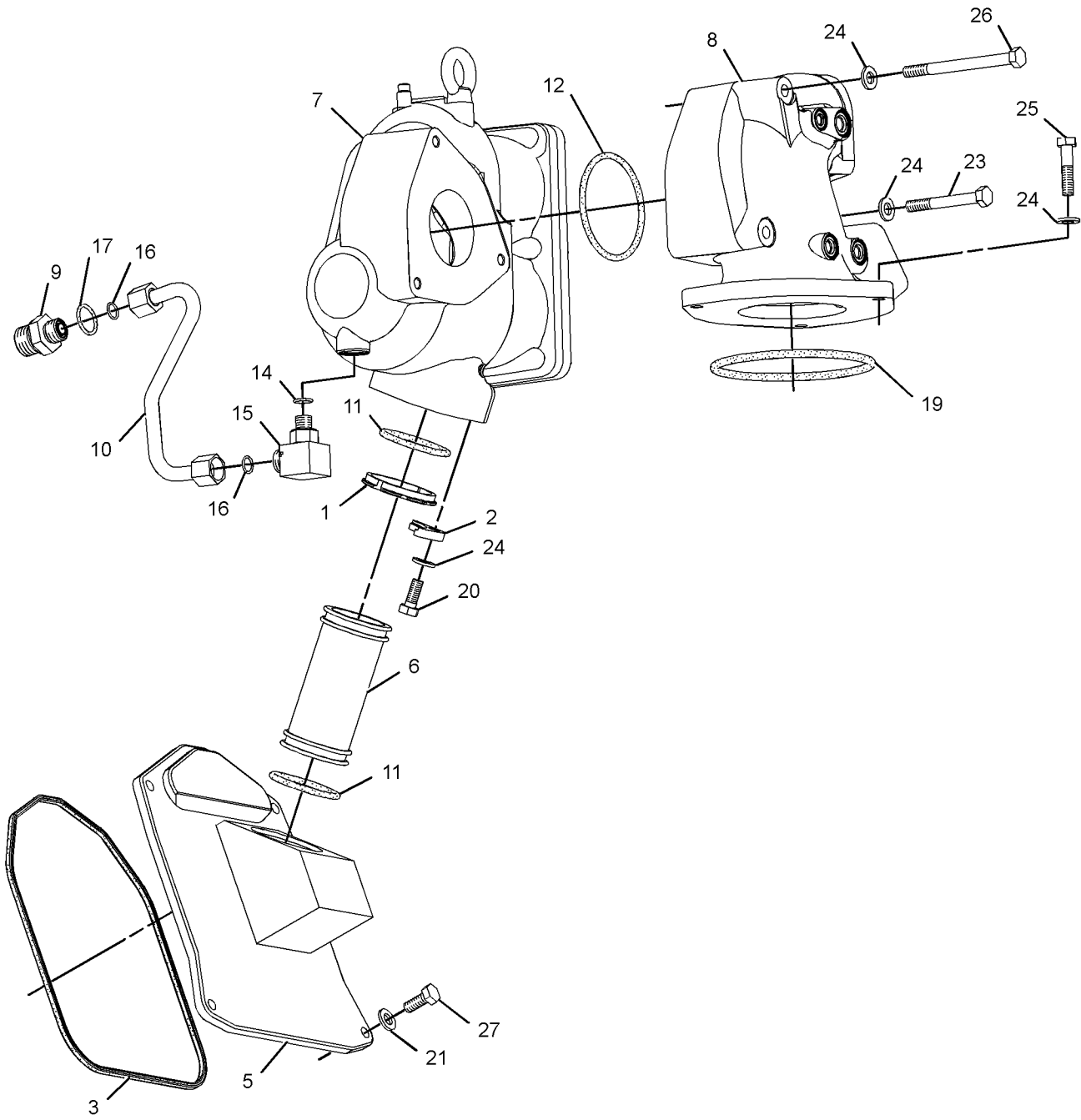
GRAPHIC #1

g01225467

LUBRICATION SYSTEM

283-9330 REGULATOR GP-OIL PRESSURE (contd.)

i02451100



VIEW B-B

GRAPHIC #2

<END>

g01225469

LUBRICATION SYSTEM

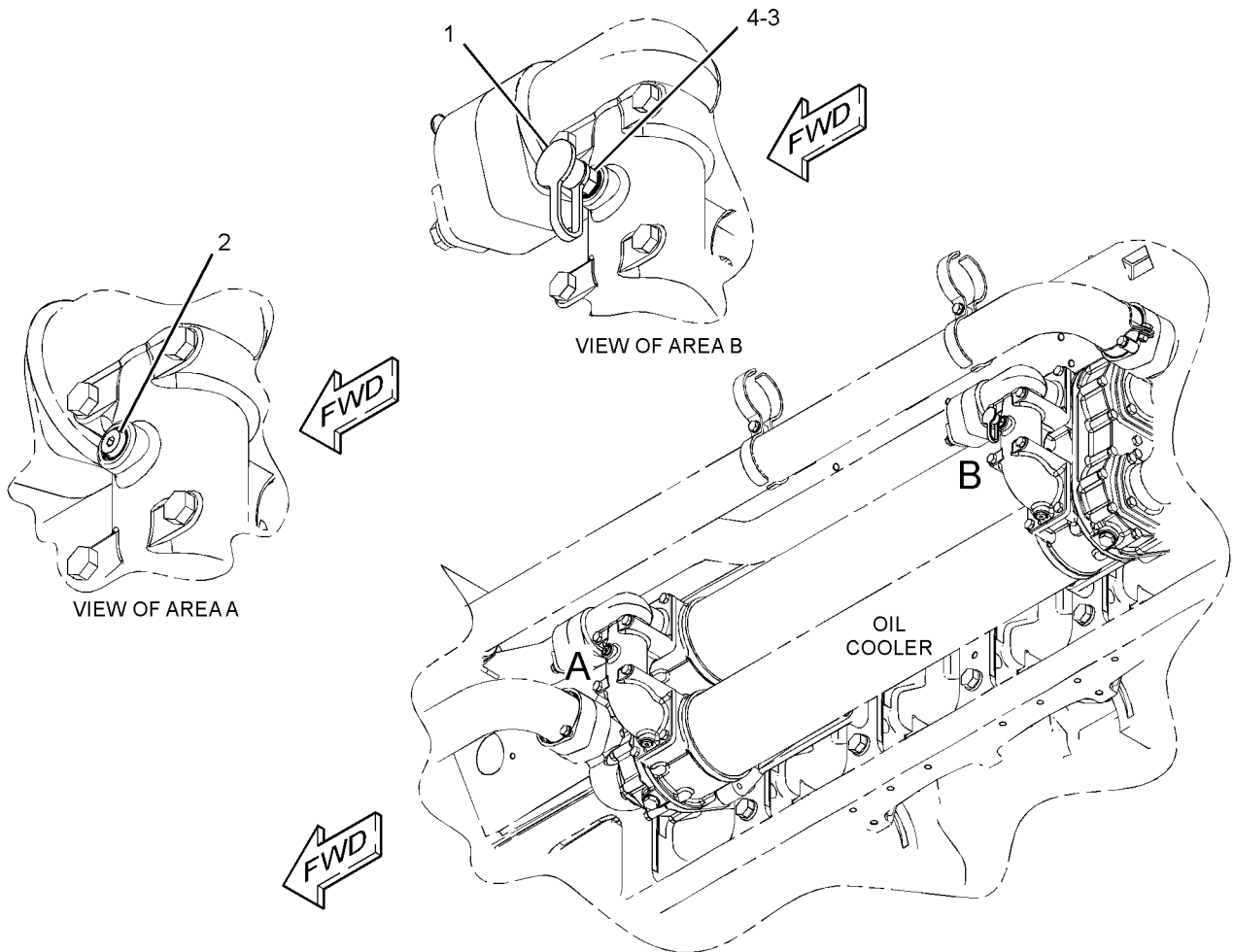
262-1136 VALVE GP-FLUID SAMPLING-ENGINE OIL

S/N: WYB1-UP
AN ATTACHMENT

SMCS-7542

i02444473

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8C-3445	1	CAP-DUST						
	2	1	260-9154	1	PLUG AS						
		1	8C-3076	1	SEAL-O-RING						
		1	260-9153	1	PLUG						
	3	1	8C-3076	1	SEAL-O-RING						
	4	1	8C-3345	1	VALVE AS-FLUID SAMPLING						



GRAPHIC #1

<END>

g01224711

LUBRICATION SYSTEM

262-9227 VALVE GP-FLUID SAMPLING-JACKET WATER, SCAC

S/N: WYB1-UP
AN ATTACHMENT

SMCS-7542

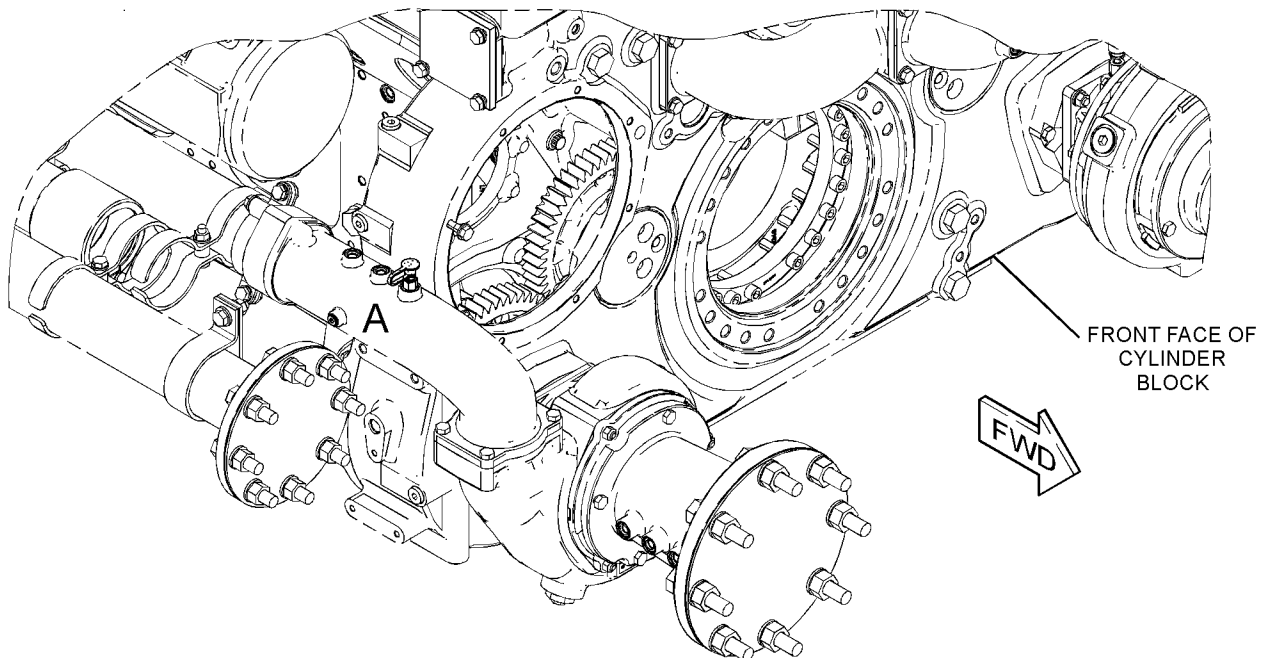
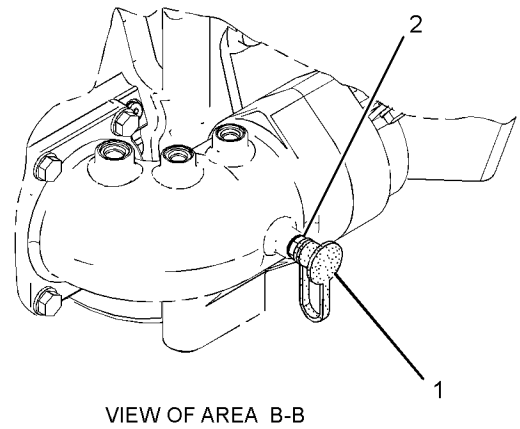
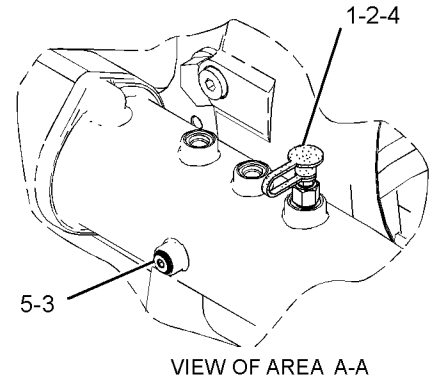
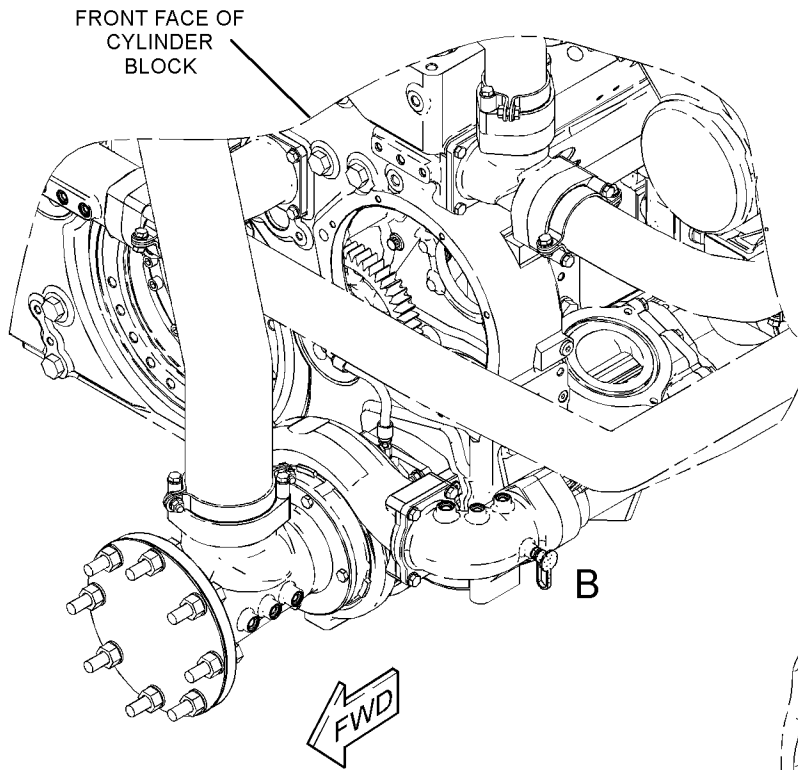
i02479785

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	157-0670	2	CAP-DUST						
	2	1	220-1853	2	VALVE AS-FLUID SAMPLING						
					(EACH INCLUDES)						
		1	8T-7876	1	SEAL-O-RING						
	3	1	260-9153	1	PLUG						
	4	1	287-7245	1	CONNECTOR AS						
	5	1	8T-7876	1	SEAL-O-RING						

LUBRICATION SYSTEM

262-9227 VALVE GP-FLUID SAMPLING (contd.)

i02479785



GRAPHIC #1

<END>

g01239314

LUBRICATION SYSTEM

262-9229 VALVE GP-FLUID SAMPLING-JACKET WATER

S/N: WYB1-UP
AN ATTACHMENT

SMCS-7542

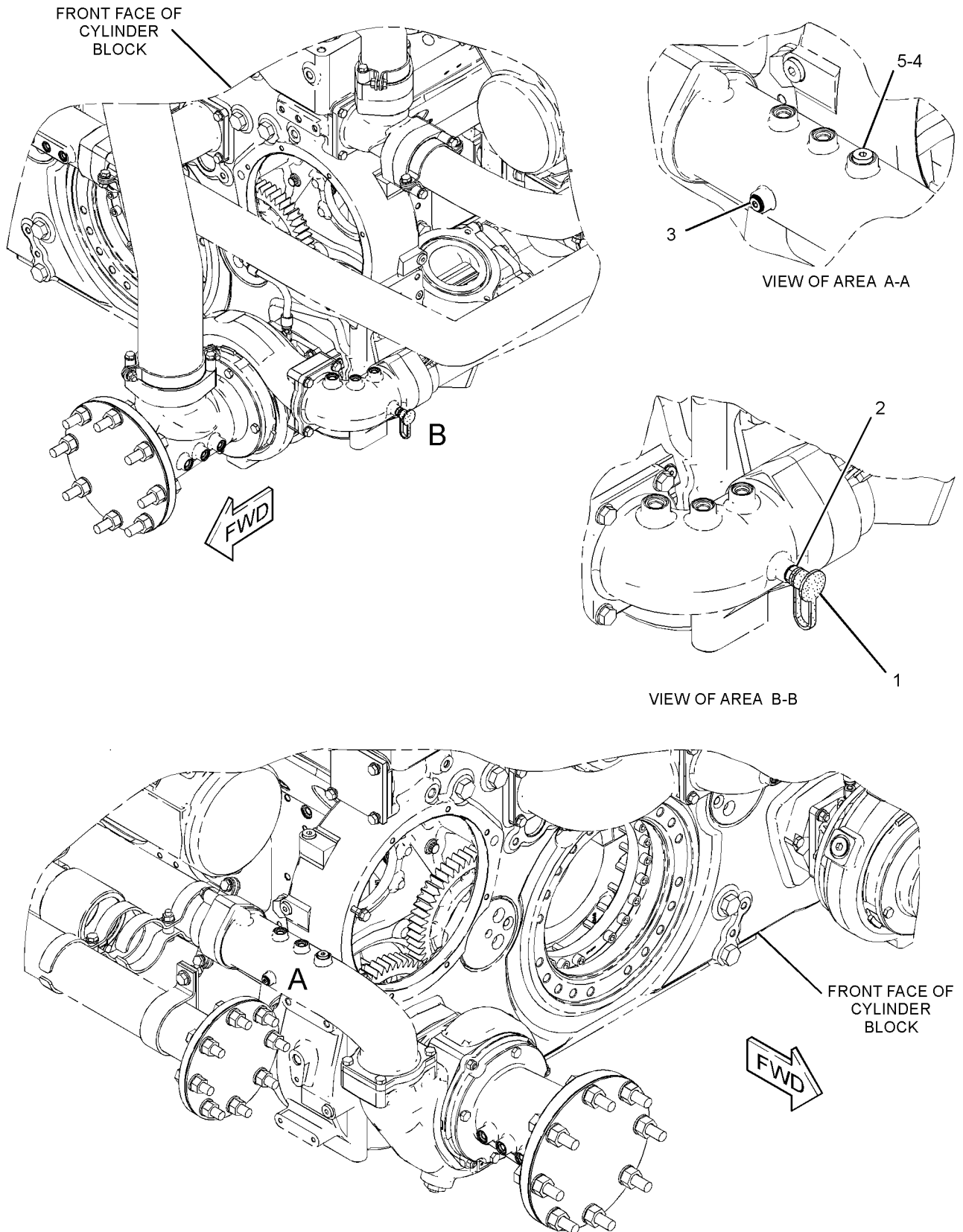
i02479784

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	157-0670	1	CAP-DUST						
	2	1	220-1853	1	VALVE AS-FLUID SAMPLING						
		1	8T-7876	1	SEAL-O-RING						
3		1	241-6169	1	PLUG AS						
		1	6V-6560	2	SEAL-O-RING						
4		1	260-9153	1	PLUG						
5		1	8T-7876	1	SEAL-O-RING						

LUBRICATION SYSTEM

262-9229 VALVE GP-FLUID SAMPLING (contd.)

i02479784



GRAPHIC #1

<END>

g01239236

LUBRICATION SYSTEM

274-2148 VALVE GP-PRESSURE CONTROL-ENGINE OIL

S/N: WYB1-UP

PART OF 260-9330, 283-9330 REGULATOR GP-OIL PRESSURE
AN ATTACHMENT

SMCS-5117

i02437028

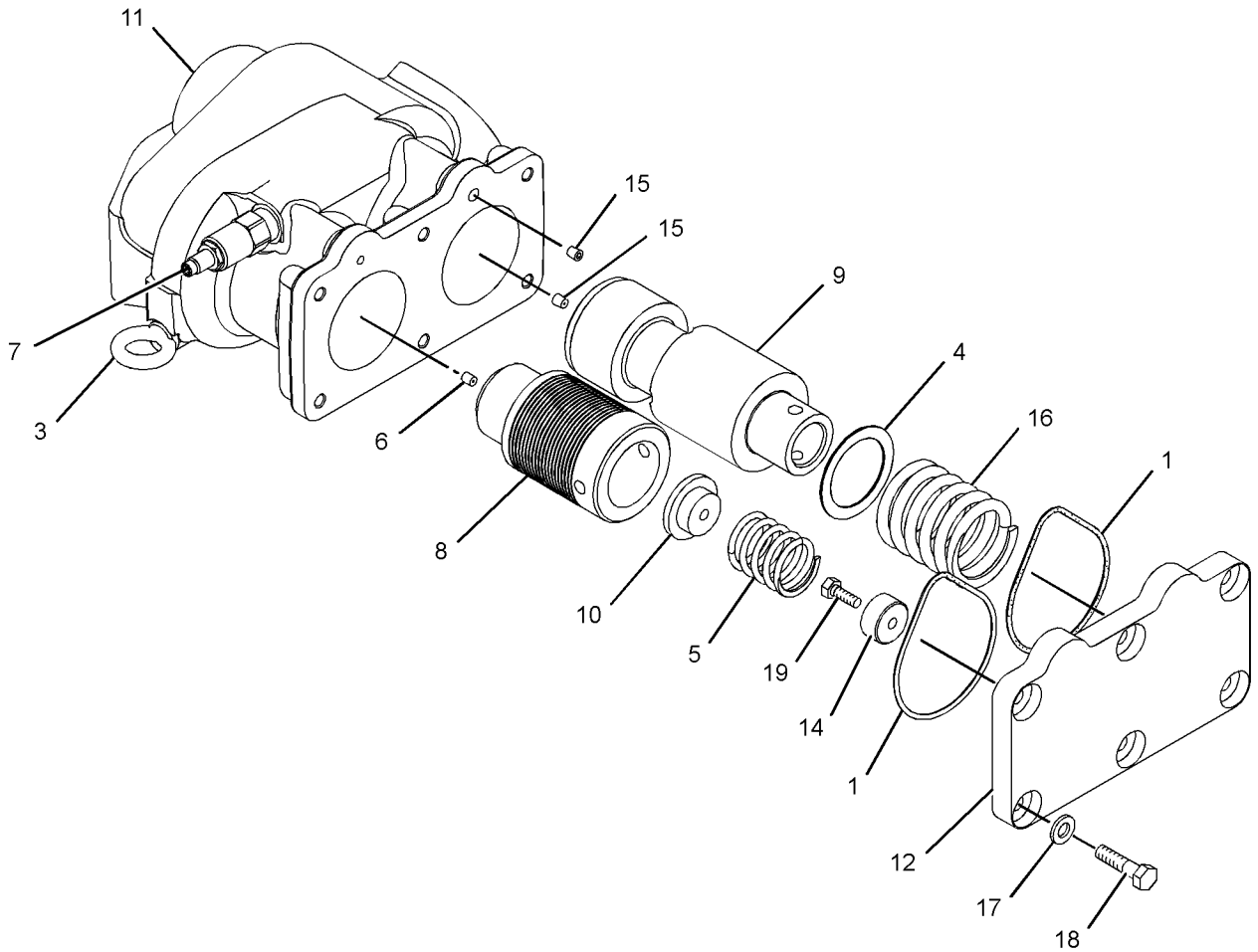
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1H-6227	2	SEAL-O-RING						
	3	1	4C-8358	1	EYEBOLT						
	4	1	8E-0634	3	SHIM						
	5	1	100-3708	1	SPRING						
	6	1	114-8229	1	ORIFICE						
J	7	1	249-6372	1	VALVE GP-RELIEF						
	8	1	265-5181	1	STEM						
	9	1	265-5182	1	STEM						
	10	1	265-5184	1	RETAINER						
	11	1	270-6841	1	BODY-VALVE						
	12	1	273-1187	1	COVER-REGULATING VALVE						
	14	1	283-2246	1	RETAINER						
	15	1	4T-4207	2	PLUG-ORIFICE						
	16	1	8J-0483	1	SPRING						
	17	1	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)						
M	18	1	8T-4186	6	BOLT (M10X1.5X40-MM)						
	19	1	8T-9043	1	BOLT (5/16-18X0.875-IN)						
AVAILABLE REPAIR KIT(S):											
J			120-9051	1	KIT-SEAL (PRESSURE RELIEF VALVE)						
(INCLUDES SEALS AND O-RINGS)											

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

LUBRICATION SYSTEM

274-2148 VALVE GP-PRESSURE CONTROL (contd.)

i02437028



GRAPHIC #1

<END>

g01228793

COOLING SYSTEM

256-5980 CONNECTION GP-WATER

S/N: WYB1-UP

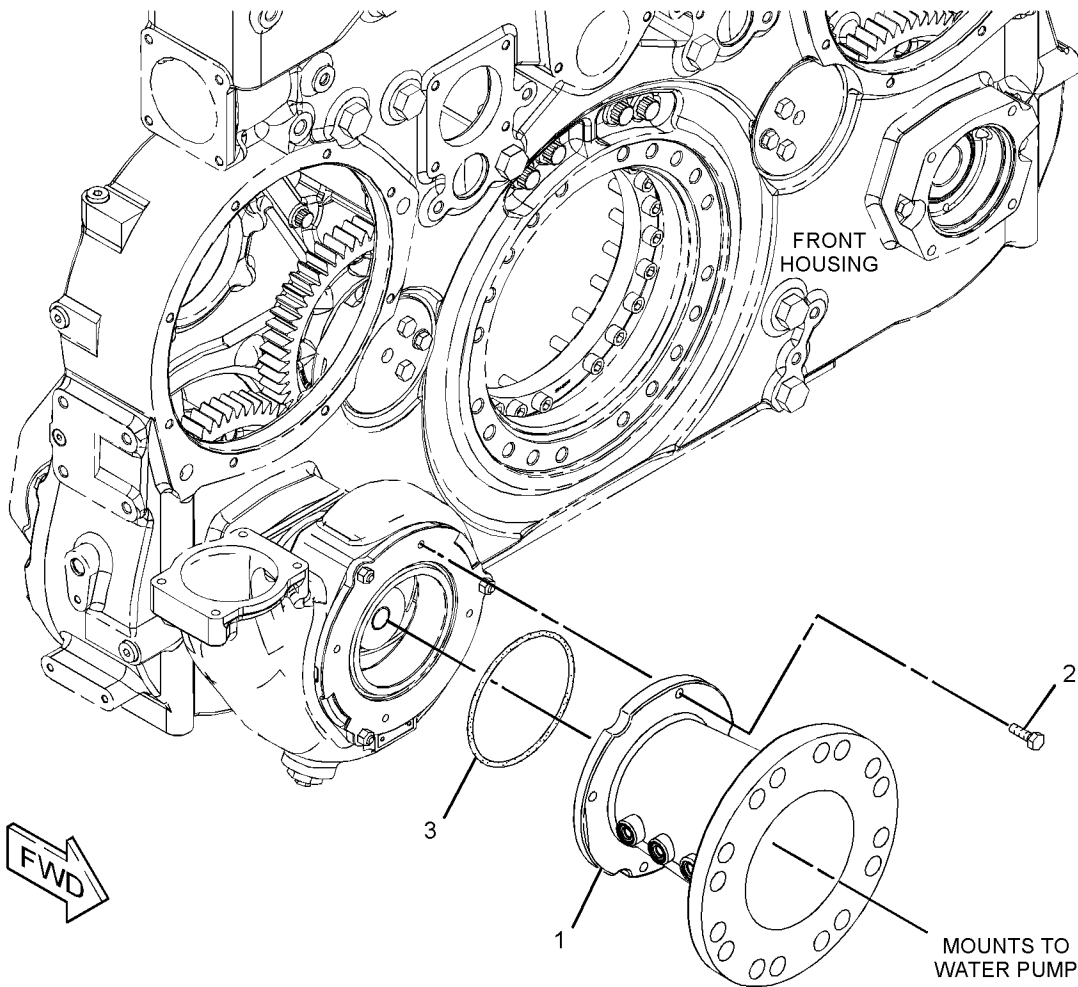
FOR USE WITH SEPARATE CIRCUIT AFTERCOOLER
AN ATTACHMENT

SMCS-1380

i02444440

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	256-5979	1	ADAPTER						
M	2	1	6V-1820	4	BOLT (M10X1.5X30-MM)						
	3	1	6V-6809	1	SEAL-O-RING						

M-METRIC PART



GRAPHIC #1

<END>

g01222146

COOLING SYSTEM

245-4864 COOLER GP-ENGINE OIL

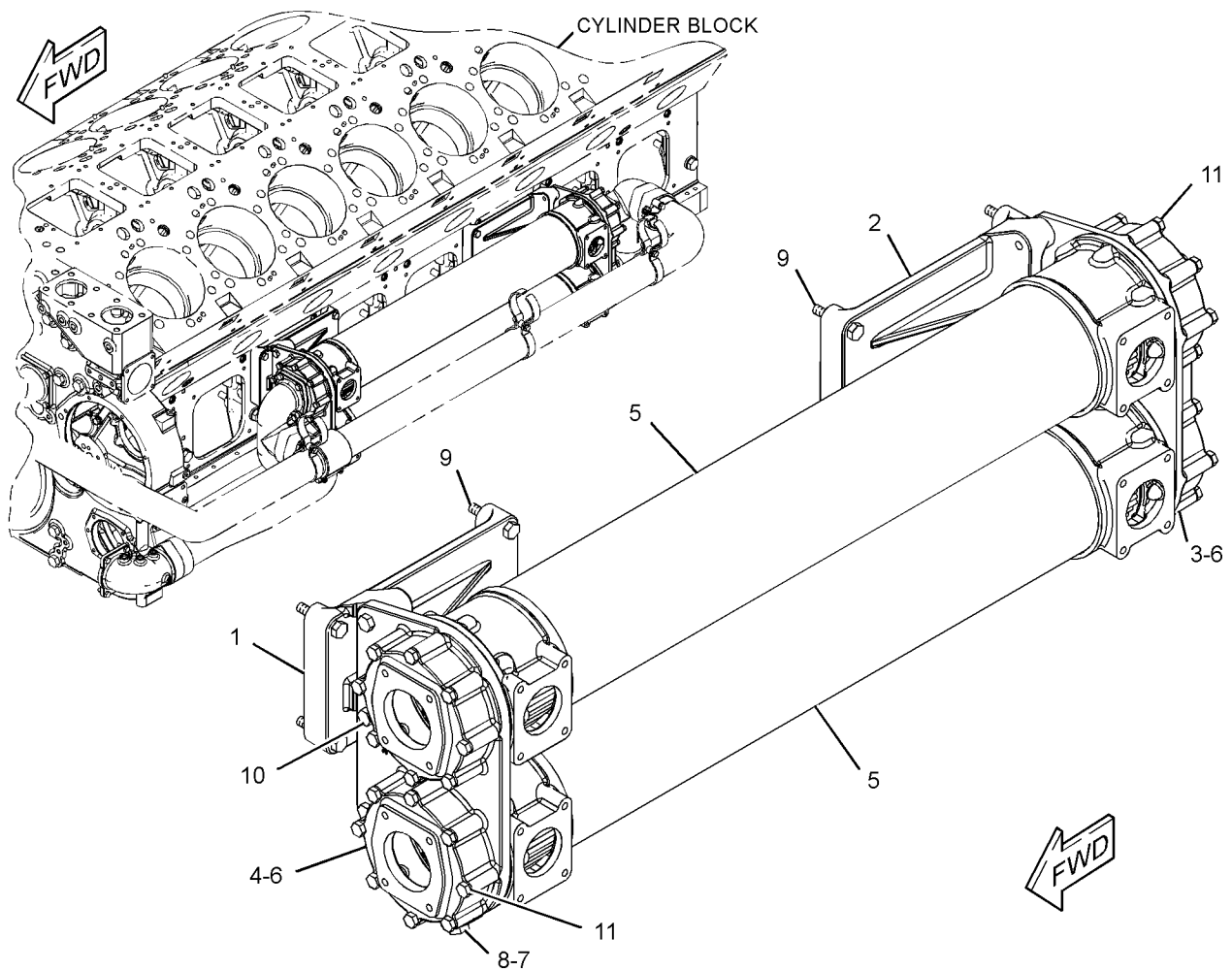
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1378

i02444258

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	243-6453	1	BRACKET						
	2	1	243-6454	1	BRACKET						
	3	1	243-6456	1	BONNET						
	4	1	243-6457	1	BONNET						
	5	1	245-6438	2	CORE AS-OIL COOLER						
	6	1	247-3796	4	GASKET						
	7	1	199-9751	2	SEAL-O-RING						
	8	1	3E-2331	2	PLUG						
M	9	1	6V-3823	8	BOLT (M12X1.75X60-MM)						
M	10	1	6V-8675	6	BOLT (M12X1.75X35-MM)						
M	11	1	8T-0643	32	BOLT (M10X1.5X80-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01223171

COOLING SYSTEM

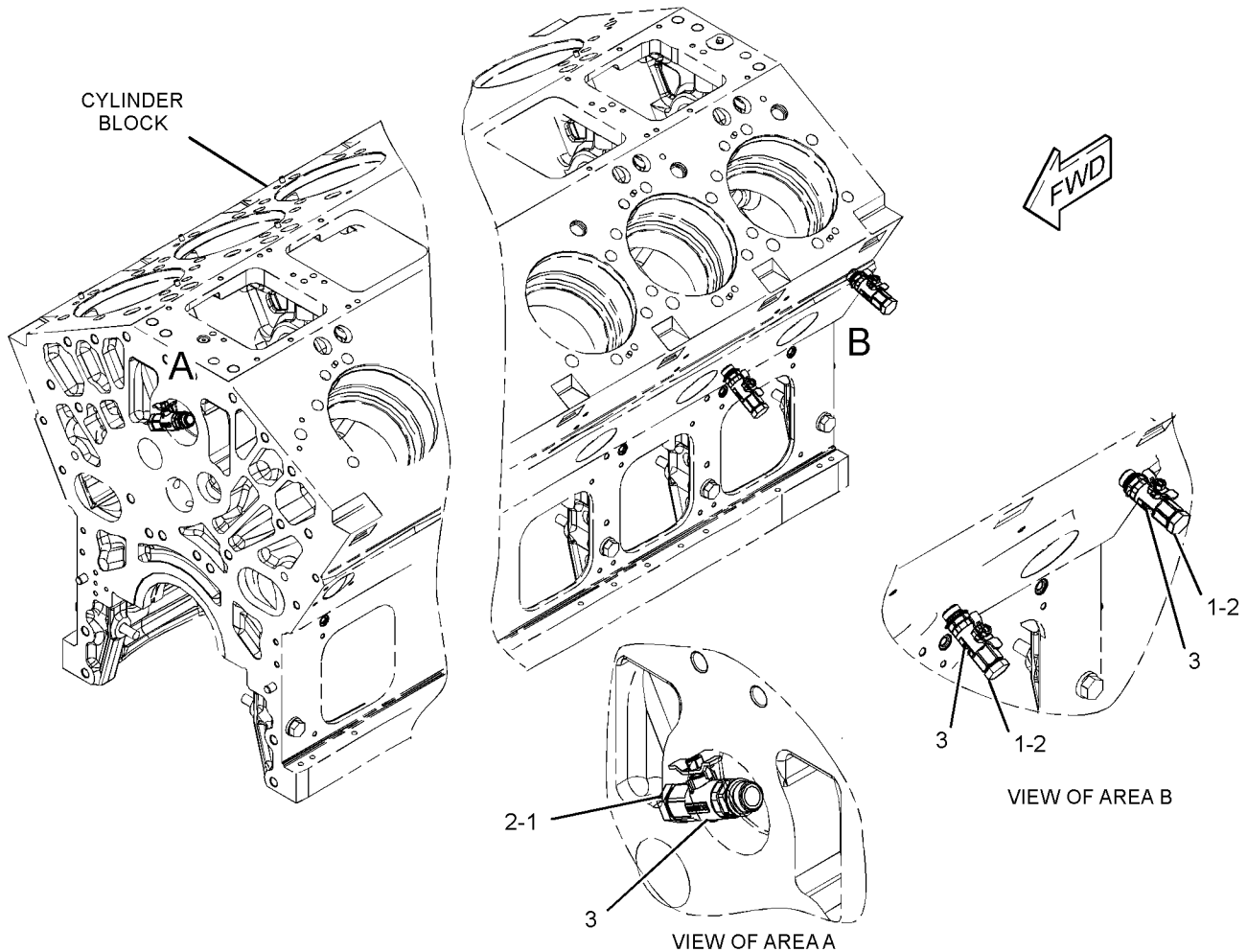
255-4435 DRAIN GP-COOLANT

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1380, 1395

i02444421

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8C-4423	3	PLUG						
	2	1	216-8578	3	SEAL-O-RING						
	3	1	241-6181	3	VALVE-BALL						
		1	216-8578	1	SEAL-O-RING						



GRAPHIC #1

<END>

g01222087

COOLING SYSTEM

287-7028 ELBOW GP-WATER

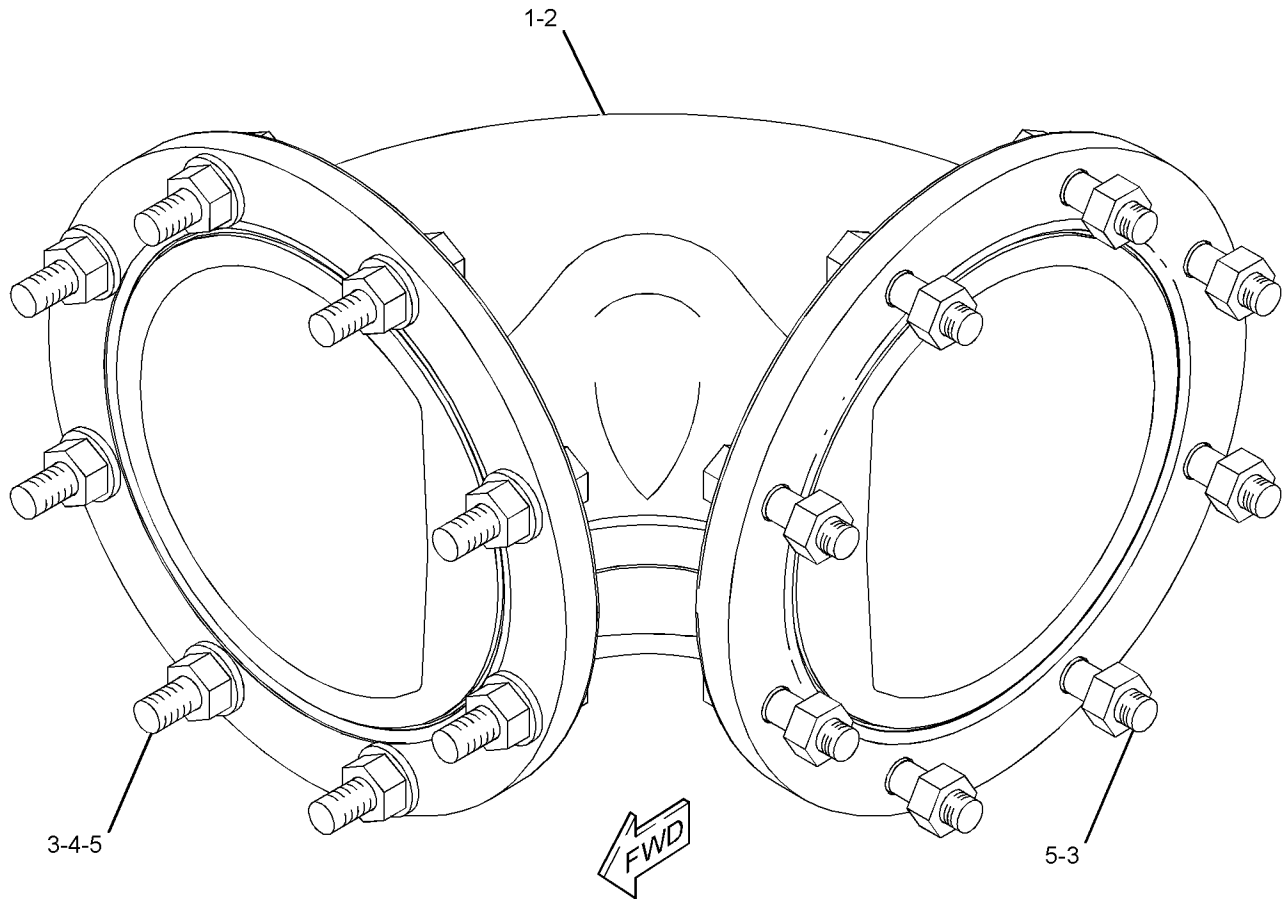
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1380

i02479826

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	129-1610	2	SEAL-O-RING						
	2	1	248-7562	1	ELBOW						
M	3	1	2Y-5829	16	NUT (M10X1.15-THD)						
	4	1	6V-5839	8	WASHER (11X21X2.5-MM THK)						
M	5	1	6V-5842	16	BOLT (M10X1.5X40-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01239695

COOLING SYSTEM

287-7040 FASTENER GP-REGULATOR HOUSING

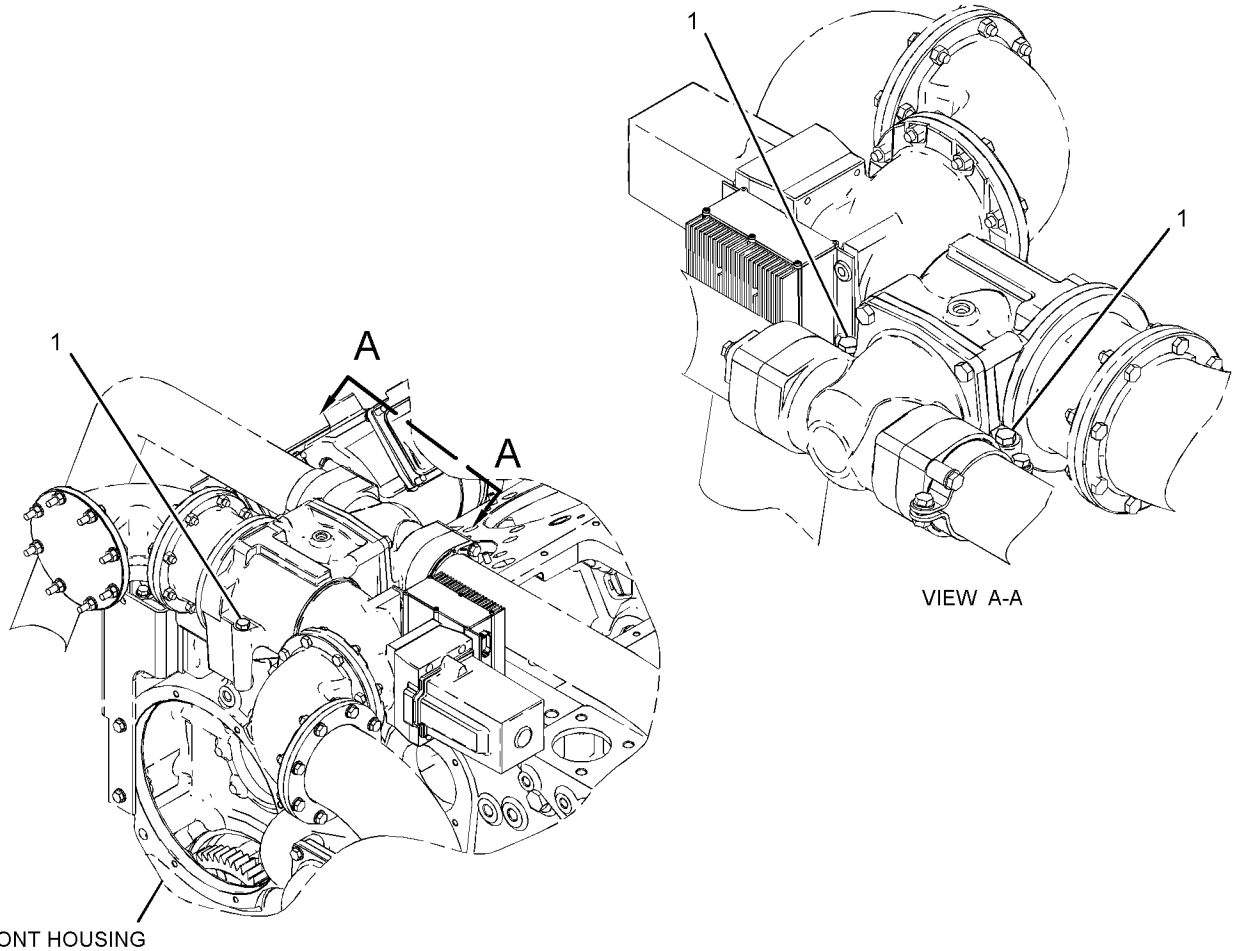
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1355

i02495803

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	8T-5001	3	BOLT (M12X1.75X130-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01249978

COOLING SYSTEM

259-9117 GUARD GP-FAN

S/N: WYB1-UP

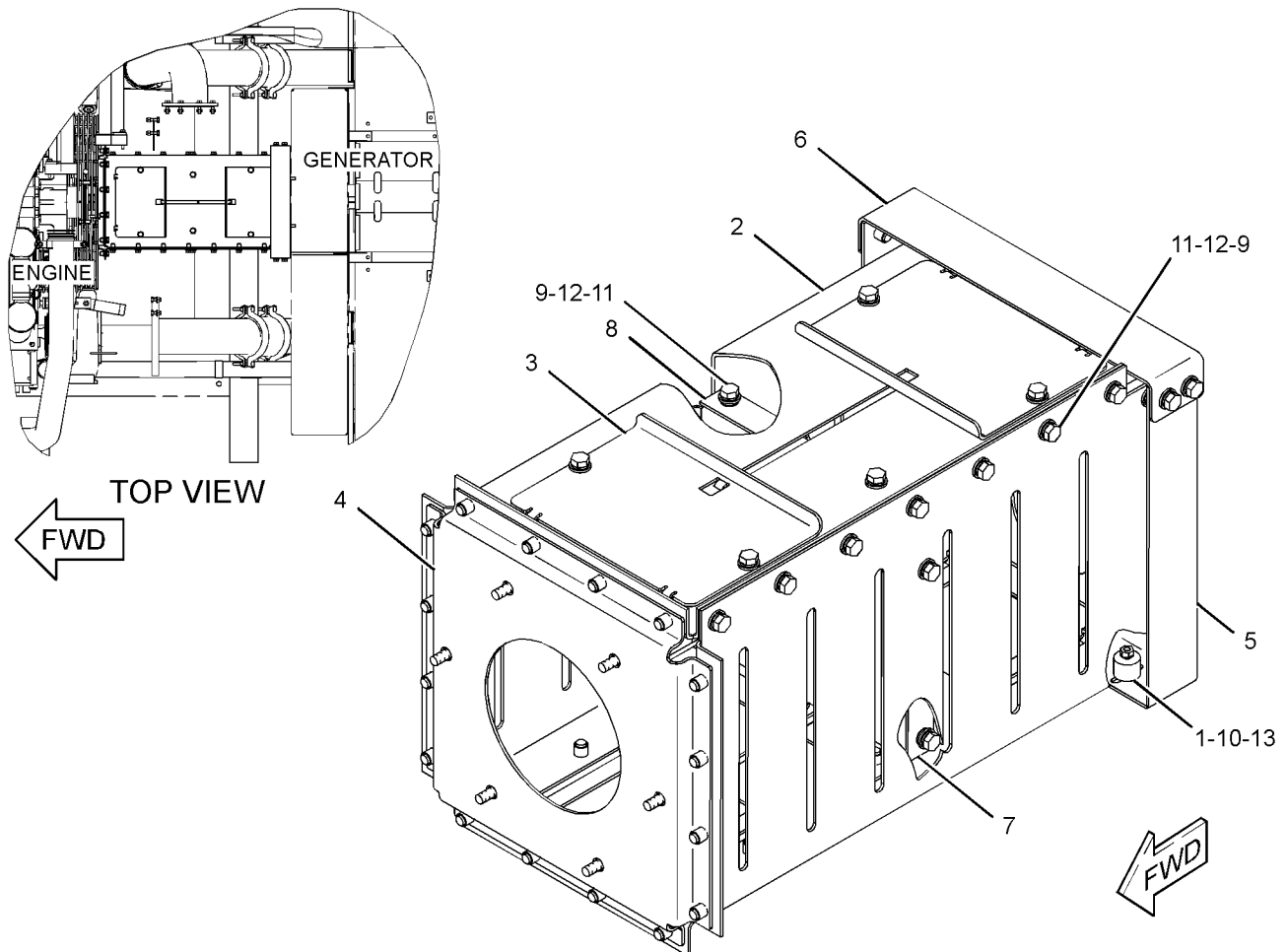
AN ATTACHMENT

SMCS-1360

i02479836

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3N-1968	2	MOUNT-FLEXIBLE						
	2	1	278-0191	2	GUARD AS						
					(EACH INCLUDES)						
		1	224-6208	12	INSERT-THREADED (M10X1.5-THD)						
	3	1	278-0194	4	DOOR						
	4	1	278-0270	1	GUARD AS						
		1	224-6208	16	INSERT-THREADED (M10X1.5-THD)						
	5	1	280-9941	1	MOUNT AS						
		1	224-6208	4	INSERT-THREADED (M10X1.5-THD)						
	6	1	280-9942	1	CAP						
	7	1	281-0425	1	BRACKET AS						
		1	224-6208	4	INSERT-THREADED (M10X1.5-THD)						
	8	1	281-0426	1	BRACKET AS						
		1	224-6208	4	INSERT-THREADED (M10X1.5-THD)						
	9	1	113-0693	62	LOCKWASHER						
	10	1	1H-3338	4	LOCKWASHER						
M	11	1	6V-4248	62	BOLT (M10X1.5X25-MM)						
	12	1	6V-5839	62	WASHER (11X21X2.5-MM THK)						
	13	1	6V-8185	4	NUT (1/4-20-THD)						

M-METRIC PART



GRAPHIC #1

<END>

g01240666

COOLING SYSTEM

259-9222 LINES GP-COOLANT

S/N: WYB1-UP

FOR USE WITH 1800-FRAME, 84-SQUARE FOOT RADIATOR
AN ATTACHMENT

SMCS-1380

i02495793

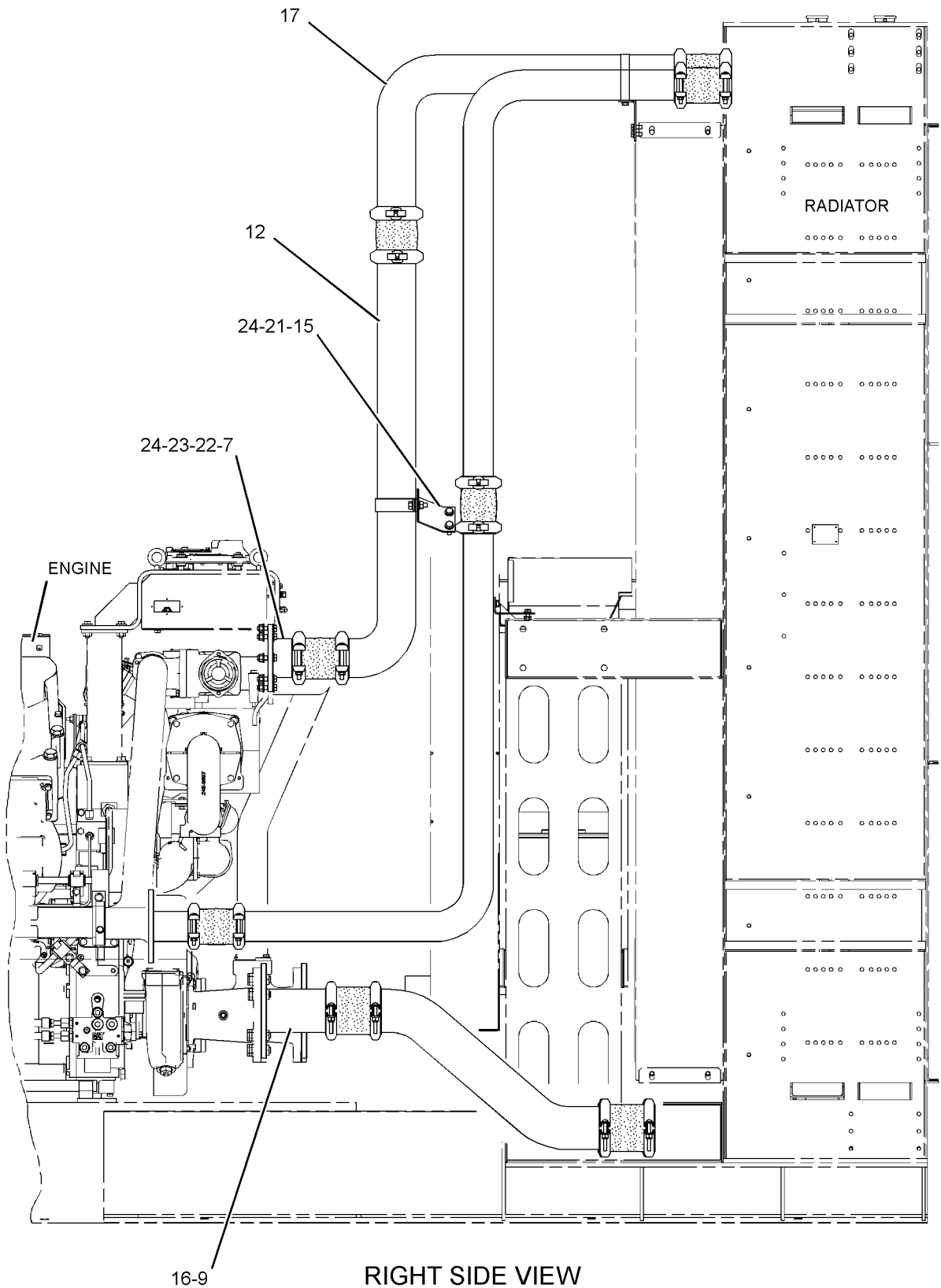
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	5B-7368	2	GASKET						
	2	2	8T-9001	3	JOINT AS-TUBE						
					(EACH INCLUDES)						
		2	9X-7539	2	SEAL						
	3	2	216-2783	4	JOINT AS						
					(EACH INCLUDES)						
		2	216-2658	2	SEAL						
	4	2	216-2784	3	JOINT AS						
					(EACH INCLUDES)						
		2	216-2659	2	SEAL						
	5	2	274-6922	1	TUBE AS						
	6	2	274-6923	1	TUBE AS						
	7	1	274-6925	1	TUBE AS						
	8	2	274-6926	2	TUBE						
	9	1	274-6928	1	TUBE AS						
	10	2	274-6929	1	TUBE						
	11	2	274-6930	1	TUBE						
	12	1	274-6932	1	TUBE						
	13	2	274-6936	2	BRACKET AS						
					(EACH INCLUDES)						
		2	5L-7399	1	CLAMP-TUBE						
		2	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M		2	8T-4133	2	NUT (M10X1.5-THD)						
M		2	8T-4136	2	BOLT (M10X1.5X25-MM)						
		2	274-6934	1	BRACKET						
	14	2	274-7197	1	BRACKET AS						
		2	5L-7397	1	CLAMP-TUBE						
		2	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M		2	8T-4133	2	NUT (M10X1.5-THD)						
M		2	8T-4195	2	BOLT (M10X1.5X30-MM)						
		2	274-6934	1	BRACKET						
	15	1	274-7198	1	BRACKET AS						
		1	6V-8188	1	NUT (1/2-13-THD)						
		1	7X-7910	1	CLIP						
		1	7X-7911	1	CLIP						
		1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						
		1	8T-8919	1	BOLT (1/2-13X1.75-IN)						
		1	274-6935	1	BRACKET						
	16	1	287-7042	1	GASKET						
	17	1	287-8572	1	TUBE						
	18	2	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)						
M	19	2	8T-4133	2	NUT (M10X1.5-THD)						
M	20	2	8T-4136	6	BOLT (M10X1.5X25-MM)						
M	21	1	8T-4183	2	BOLT (M12X1.75X40-MM)						
M	22	1	8T-4194	8	BOLT (M12X1.75X50-MM)						
	23	1	8T-4223	20	WASHER-HARD (13.5X25.5X3-MM THK)						
M	24	1	8T-4244	10	NUT (M12X1.75-THD)						

M-METRIC PART

COOLING SYSTEM

259-9222 LINES GP-COOLANT (contd.)

i02495793



RIGHT SIDE VIEW

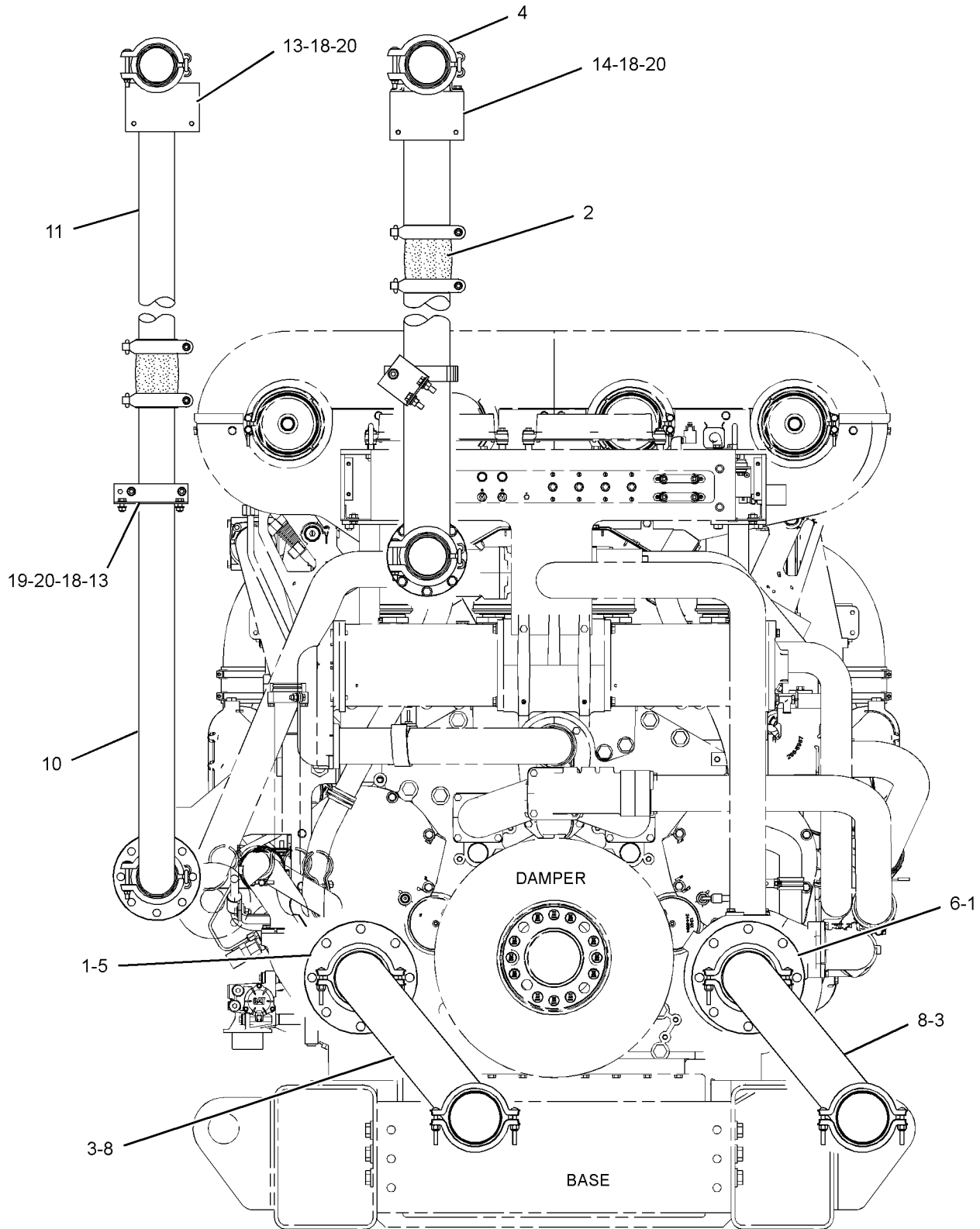
GRAPHIC #1

g01251655

COOLING SYSTEM

259-9222 LINES GP-COOLANT (contd.)

i02495793



FRONT VIEW

GRAPHIC #2

<END>

g01251657

COOLING SYSTEM

259-9223 LINES GP-COOLANT-RADIATOR

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1380

i02495792

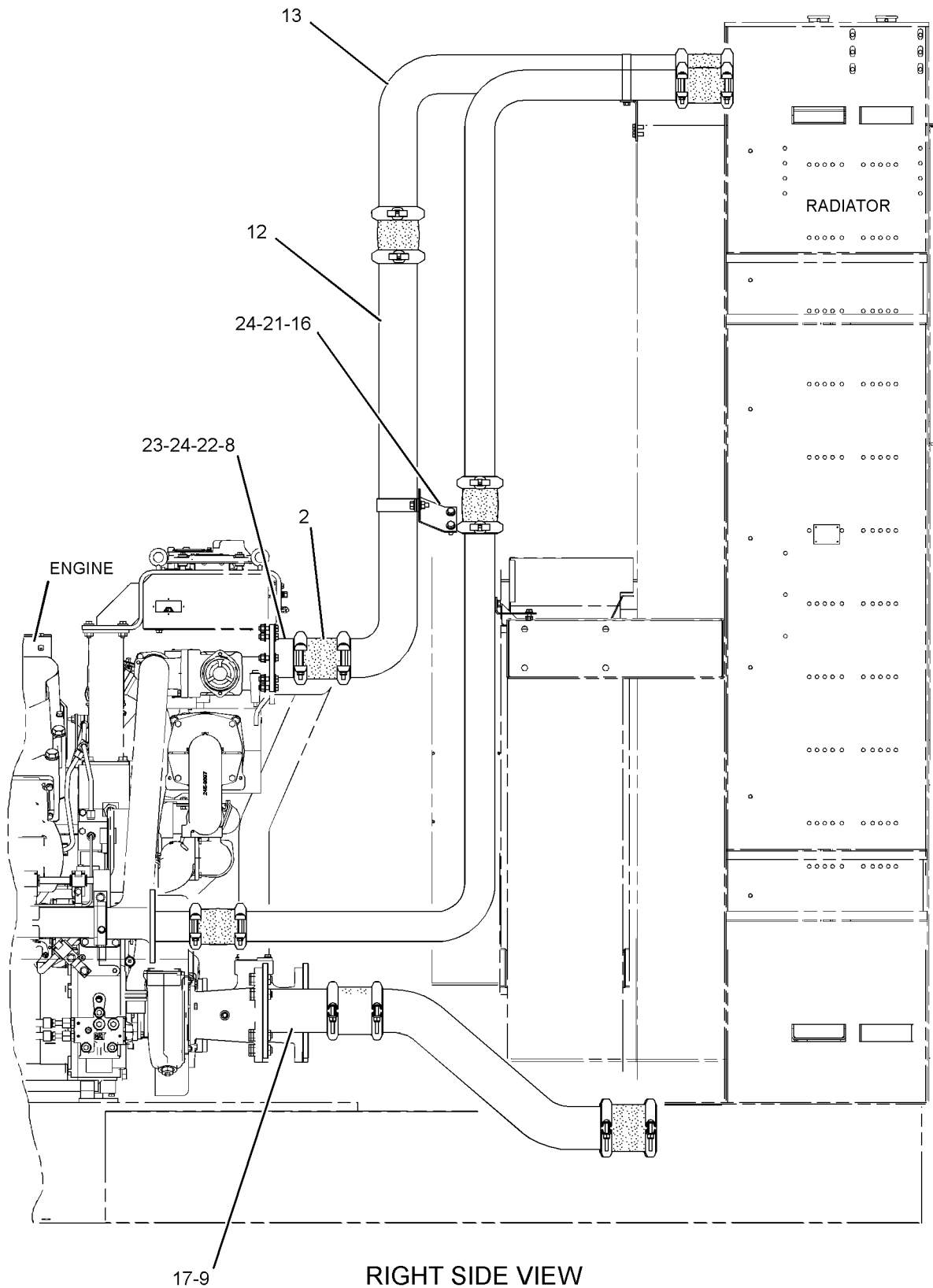
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	5B-7368	2	GASKET						
	2	1,2	8T-9001	3	JOINT AS-TUBE (EACH INCLUDES)						
		1,2	9X-7539	2	SEAL						
	3	2	216-2783	4	JOINT AS (EACH INCLUDES)						
		2	216-2658	2	SEAL						
	4	2	216-2784	3	JOINT AS (EACH INCLUDES)						
		2	216-2659	2	SEAL						
	5	2	274-6922	1	TUBE AS						
	6	2	274-6923	1	TUBE AS						
	7	2	274-6924	2	TUBE						
	8	1	274-6925	1	TUBE AS						
	9	1	274-6928	1	TUBE AS						
	10	2	274-6929	1	TUBE						
	11	2	274-6931	1	TUBE						
	12	1	274-6932	1	TUBE						
	13	1	274-6933	1	TUBE						
	14	2	274-6936	2	BRACKET AS (EACH INCLUDES)						
		2	5L-7399	1	CLAMP-TUBE						
		2	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M		2	8T-4133	2	NUT (M10X1.5-THD)						
M		2	8T-4136	2	BOLT (M10X1.5X25-MM)						
		2	274-6934	1	BRACKET						
	15	2	274-7197	1	BRACKET AS						
		2	5L-7397	1	CLAMP-TUBE						
		2	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M		2	8T-4133	2	NUT (M10X1.5-THD)						
M		2	8T-4195	2	BOLT (M10X1.5X30-MM)						
		2	274-6934	1	BRACKET						
	16	1	274-7198	1	BRACKET AS						
		1	6V-8188	1	NUT (1/2-13-THD)						
		1	7X-7910	1	CLIP						
		1	7X-7911	1	CLIP						
		1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						
		1	8T-8919	1	BOLT (1/2-13X1.75-IN)						
		1	274-6935	1	BRACKET						
	17	1	287-7042	1	GASKET						
	18	2	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)						
M	19	2	8T-4133	2	NUT (M10X1.5-THD)						
M	20	2	8T-4136	6	BOLT (M10X1.5X25-MM)						
M	21	1	8T-4183	2	BOLT (M12X1.75X40-MM)						
M	22	1	8T-4194	8	BOLT (M12X1.75X50-MM)						
	23	1	8T-4223	20	WASHER-HARD (13.5X25.5X3-MM THK)						
M	24	1	8T-4244	10	NUT (M12X1.75-THD)						

M-METRIC PART

COOLING SYSTEM

259-9223 LINES GP-COOLANT (contd.)

i02495792



RIGHT SIDE VIEW

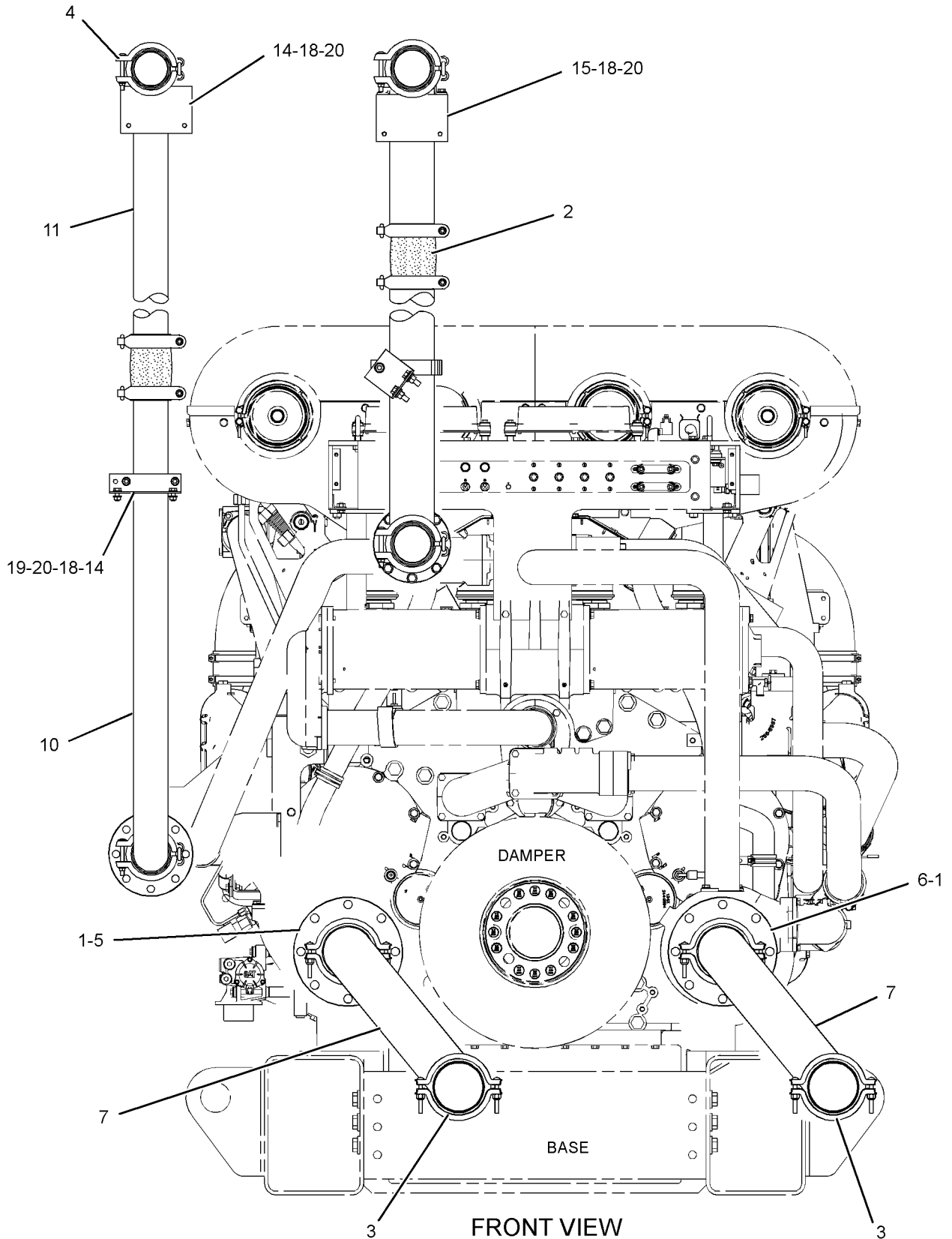
GRAPHIC #1

g01252468

COOLING SYSTEM

259-9223 LINES GP-COOLANT (contd.)

i02495792



GRAPHIC #2

<END>

g01252469

COOLING SYSTEM

259-9225 LINES GP-COOLANT

S/N: WYB1-UP

FOR USE WITH 3000-FRAME, 64-SQUARE FOOT RADIATOR
AN ATTACHMENT

SMCS-1380

i02495780

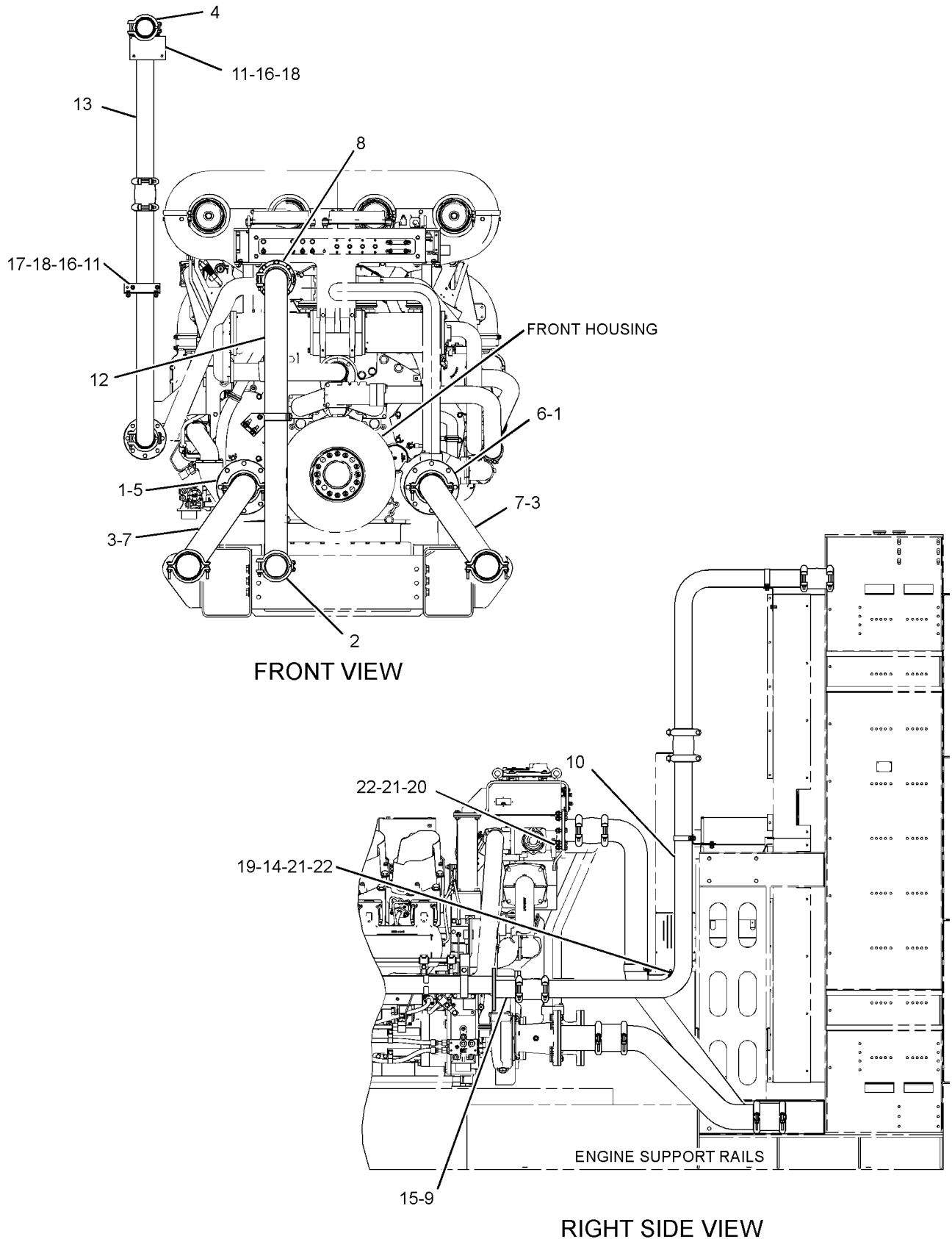
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5B-7368	2	GASKET						
	2	1	8T-9001	2	JOINT AS-TUBE						
					(EACH INCLUDES)						
		1	9X-7539	2	SEAL						
	3	1	216-2783	4	JOINT AS						
					(EACH INCLUDES)						
		1	216-2658	2	SEAL						
	4	1	216-2784	3	JOINT AS						
					(EACH INCLUDES)						
		1	216-2659	2	SEAL						
	5	1	274-6922	1	TUBE AS						
	6	1	274-6923	1	TUBE AS						
	7	1	274-6924	2	TUBE						
	8	1	274-6925	1	TUBE AS						
	9	1	274-6928	1	TUBE AS						
	10	1	274-6929	1	TUBE						
	11	1	274-6936	2	BRACKET AS						
					(EACH INCLUDES)						
		1	5L-7399	1	CLAMP-TUBE						
		1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M		1	8T-4133	2	NUT (M10X1.5-THD)						
M		1	8T-4136	2	BOLT (M10X1.5X25-MM)						
		1	274-6934	1	BRACKET						
	12	1	275-0863	1	TUBE						
	13	1	275-0864	1	TUBE						
	14	1	275-0865	1	BRACKET AS						
		1	7X-7910	1	CLIP						
		1	7X-7911	1	CLIP						
M		1	8T-4183	1	BOLT (M12X1.75X40-MM)						
		1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						
M		1	8T-4244	1	NUT (M12X1.75-THD)						
		1	275-0866	1	BRACKET						
	15	1	287-7042	1	GASKET						
	16	1	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)						
M	17	1	8T-4133	2	NUT (M10X1.5-THD)						
M	18	1	8T-4136	4	BOLT (M10X1.5X25-MM)						
M	19	1	8T-4183	2	BOLT (M12X1.75X40-MM)						
M	20	1	8T-4194	8	BOLT (M12X1.75X50-MM)						
	21	1	8T-4223	20	WASHER-HARD (13.5X25.5X3-MM THK)						
M	22	1	8T-4244	10	NUT (M12X1.75-THD)						

M-METRIC PART

COOLING SYSTEM

259-9225 LINES GP-COOLANT (contd.)

i02495780



GRAPHIC #1

<END>

g01250240

COOLING SYSTEM

254-5910 LINES GP-WATER-LOWER

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1355, 1380, 1393

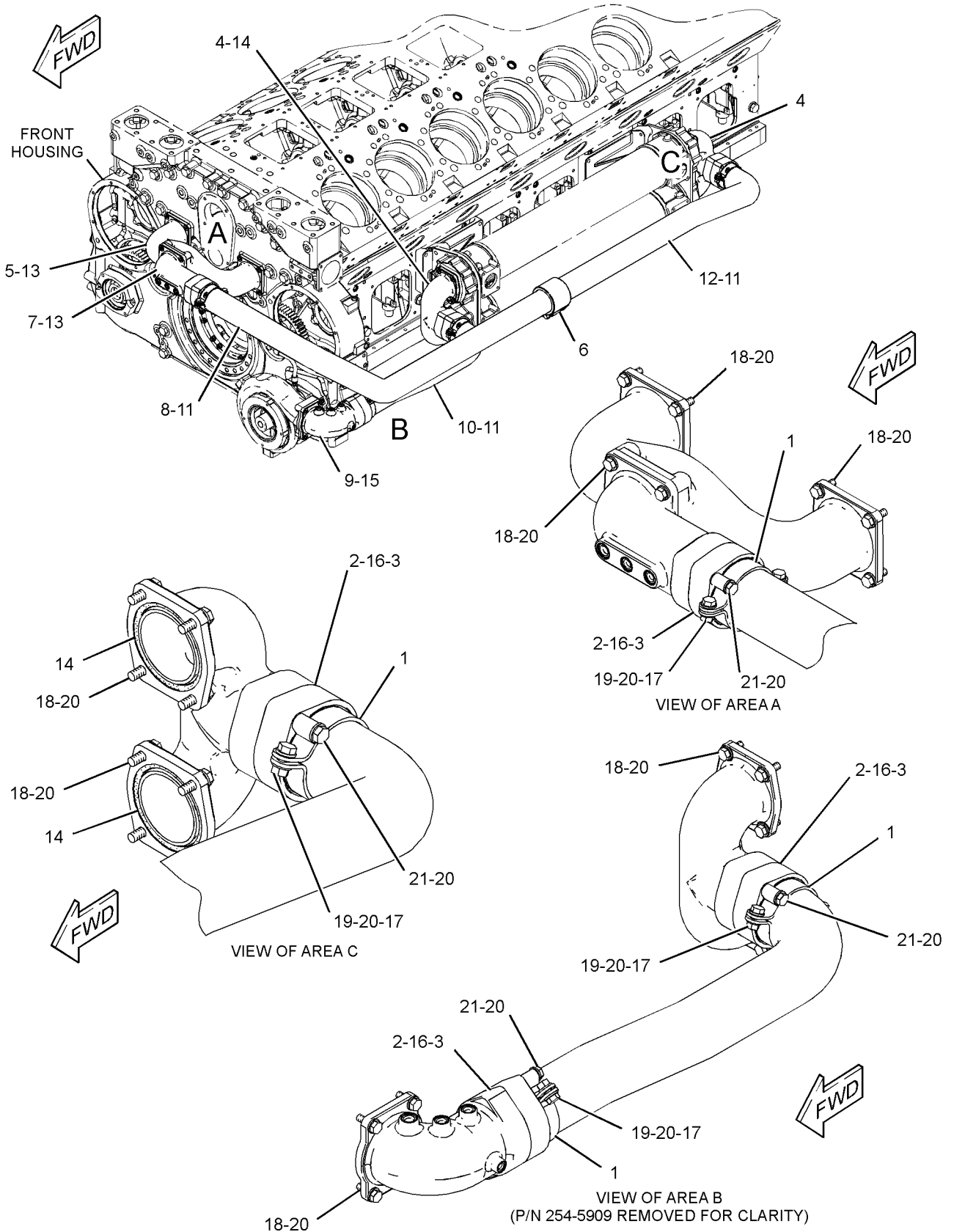
i02444412

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE	
					1	2	3	4	5	6 (PRODUCT LEVEL)		
	1	1	108-6170	8	CLAMP	AS						
	2	1	110-0096	4	RING							
	3	1	129-9454	4	FLANGE							
	4	1	243-6458	2	ELBOW							
	5	1	244-1945	1	ELBOW							
	6	1	248-7576	1	COUPLING	AS						
	7	1	254-5908	1	ELBOW							
	8	1	254-5909	1	TUBE							
	9	1	254-5911	1	ELBOW							
	10	1	254-5912	1	TUBE							
	11	1	259-4597	4	SEAL-O-RING							
	12	1	277-9790	1	TUBE							
	13	1	109-0077	3	SEAL-O-RING							
	14	1	112-8186	4	SEAL-O-RING							
	15	1	213-9397	1	SEAL-O-RING							
	16	1	258-8738	4	SEAL-O-RING							
M	17	1	2Y-5829	8	NUT	(M10X1.15-THD)						
M	18	1	6V-1820	32	BOLT	(M10X1.5X30-MM)						
M	19	1	6V-4248	8	BOLT	(M10X1.5X25-MM)						
	20	1	6V-5839	56	WASHER	(11X21X2.5-MM THK)						
M	21	1	8T-0643	8	BOLT	(M10X1.5X80-MM)						
M-METRIC PART												

COOLING SYSTEM

254-5910 LINES GP-WATER (contd.)

i02444412



GRAPHIC #1

<END>

g01227871

COOLING SYSTEM

254-5914 LINES GP-WATER-UPPER

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1355, 1380, 1393

i02444413

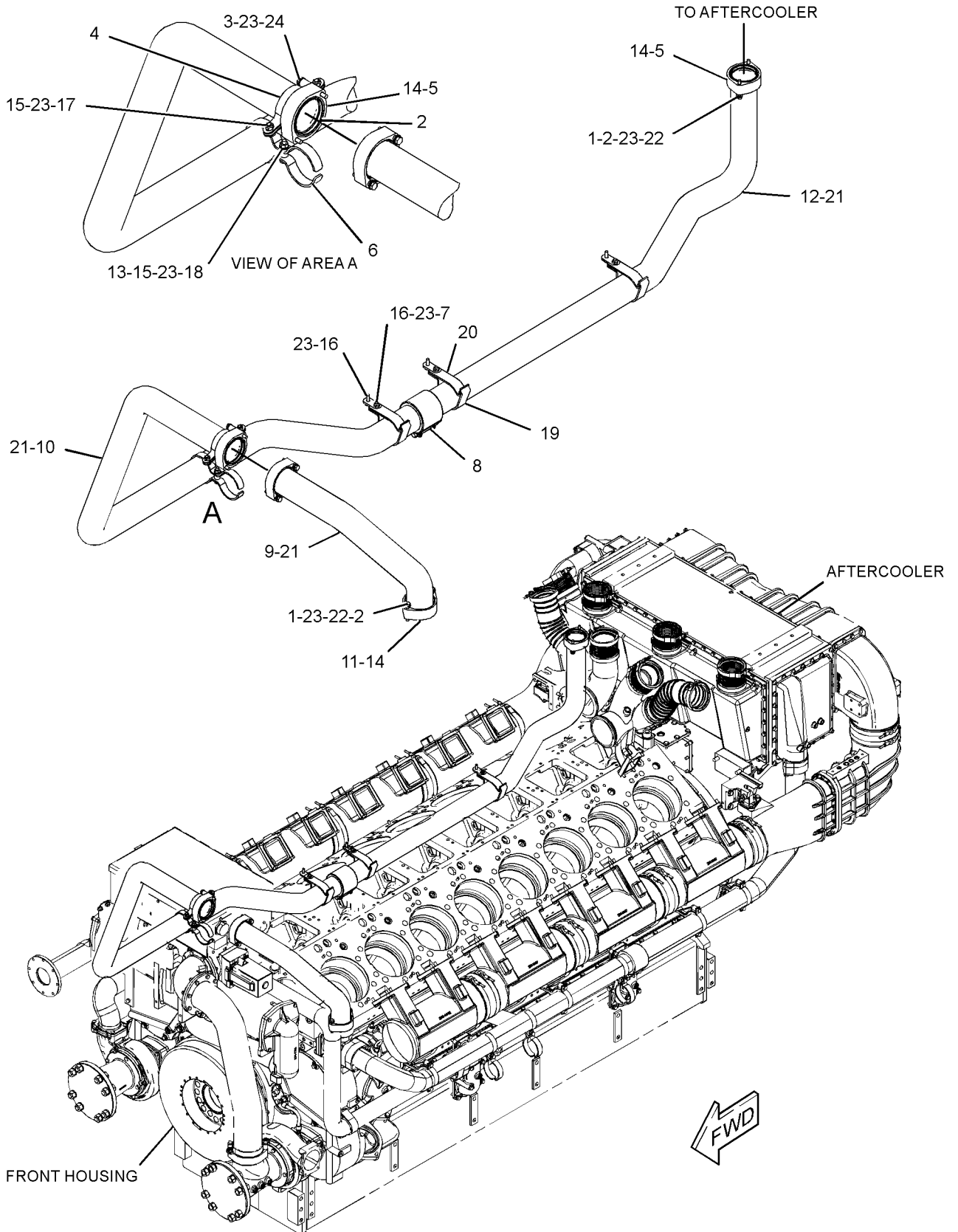
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8N-3639	6	RETAINER						
	2	1	8N-3640	3	RING-RETAINING						
	3	1	110-0096	1	RING						
	4	1	122-1148	2	CLAMP AS						
	5	1	129-9454	3	FLANGE						
	6	1	247-3429	2	CLAMP						
	7	1	248-4097	3	STRAP AS						
	8	1	248-7576	1	COUPLING AS						
	9	1	249-6383	1	TUBE						
	10	1	249-6384	1	TUBE						
	11	1	249-6386	1	FLANGE						
	12	1	254-5913	1	TUBE						
	13	1	1L-5081	1	SPACER (0.41X0.75X0.56-IN THK)						
	14	1	258-8738	4	SEAL-O-RING						
M	15	1	2Y-5829	3	NUT (M10X1.15-THD)						
M	16	1	6V-1820	6	BOLT (M10X1.5X30-MM)						
M	17	1	6V-4248	2	BOLT (M10X1.5X25-MM)						
M	18	1	6V-4249	1	BOLT (M10X1.5X50-MM)						
	19	1	6V-4356	3	CLIP (SLOT)						
	20	1	6V-4357	3	CLIP (TAB)						
	21	1	6V-5066	4	SEAL-O-RING						
M	22	1	6V-5230	6	BOLT (M10X1.5X60-MM)						
	23	1	6V-5839	18	WASHER (11X21X2.5-MM THK)						
M	24	1	8T-0643	2	BOLT (M10X1.5X80-MM)						

M-METRIC PART

COOLING SYSTEM

254-5914 LINES GP-WATER (contd.)

i02444413



GRAPHIC #1

<END>

g01233201

COOLING SYSTEM

255-4423 LINES GP-WATER-AFTERCOOLER

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1355, 1380, 1393

i02444418

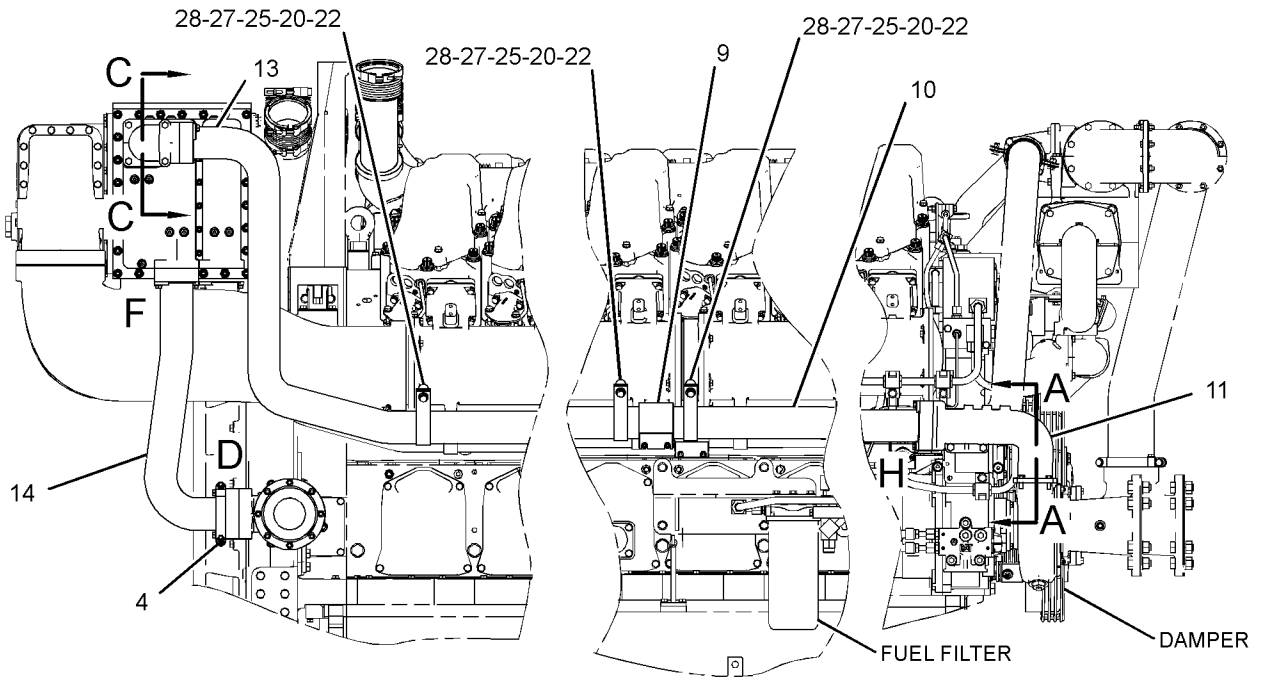
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	8N-3639	10	RETAINER						
	2	2	8N-3640	5	RING-RETAINING						
	3	2	110-0096	1	RING						
	4	1	122-1148	2	CLAMP AS						
	5	2	129-9454	6	FLANGE						
Y	6	2	241-5848	1	CORE AS-AFTERCOOLER						184
	7	2	243-6455	1	ELBOW						
	8	2	247-3428	1	ELBOW						
	9	1	248-7576	2	COUPLING AS						
	10	1	249-6380	1	TUBE						
	11	1	255-4438	1	ELBOW						
	12	1	255-4439	1	TUBE AS						
	13	1	256-5972	1	TUBE						
	14	1	256-5973	1	TUBE						
	15	1	256-5974	1	TUBE AS						
	16	2	256-5975	4	BRACKET-SUPPORT						
	17	2	256-5987	1	TEE						
	18	2	259-4597	6	SEAL-O-RING						
	19	2	109-0077	3	SEAL-O-RING						
	20	1	1K-2616	4	SPACER						
	21	2	258-8738	6	SEAL-O-RING						
	22	1,2	5P-8245	5	WASHER-HARD (13.5X25.5X3-MM THK)						
M	23	2	6V-1820	10	BOLT (M10X1.5X30-MM)						
M	24	2	6V-3822	4	BOLT (M10X1.5X35-MM)						
M	25	1,2	6V-3823	5	BOLT (M12X1.75X60-MM)						
M	26	2	6V-4248	2	BOLT (M10X1.5X25-MM)						
	27	1	6V-4356	3	CLIP (SLOT)						
	28	1	6V-4357	3	CLIP (TAB)						
M	29	2	6V-5230	10	BOLT (M10X1.5X60-MM)						
M	30	1	6V-6317	8	BOLT (M10X1.5X20-MM)						
M	31	2	6V-8675	2	BOLT (M12X1.75X35-MM)						
M	32	2	8T-0643	2	BOLT (M10X1.5X80-MM)						
M	33	2	8T-5436	2	BOLT (M10X1.5X130-MM)						
	34	1	9Y-7409	4	CLAMP						
M	36	2	2Y-5829	2	NUT (M10X1.15-THD)						
	37	1,2	6V-5839	22	WASHER (11X21X2.5-MM THK)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

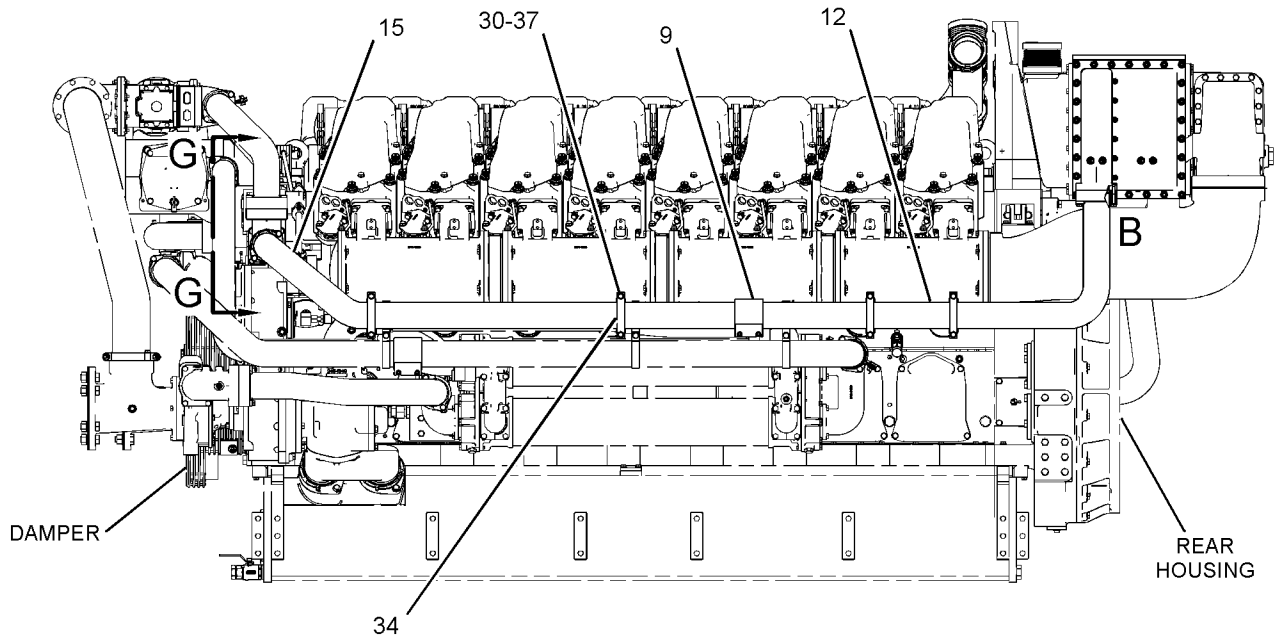
COOLING SYSTEM

255-4423 LINES GP-WATER (contd.)

i02444418



RIGHT SIDE VIEW



LEFT SIDE VIEW

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

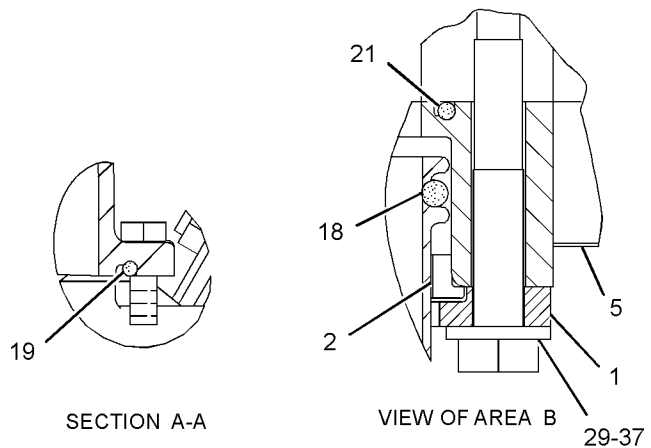
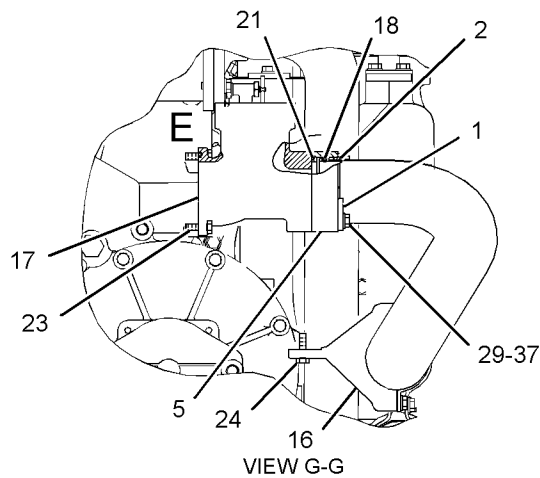
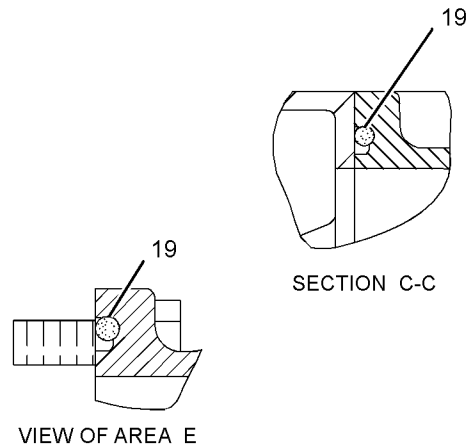
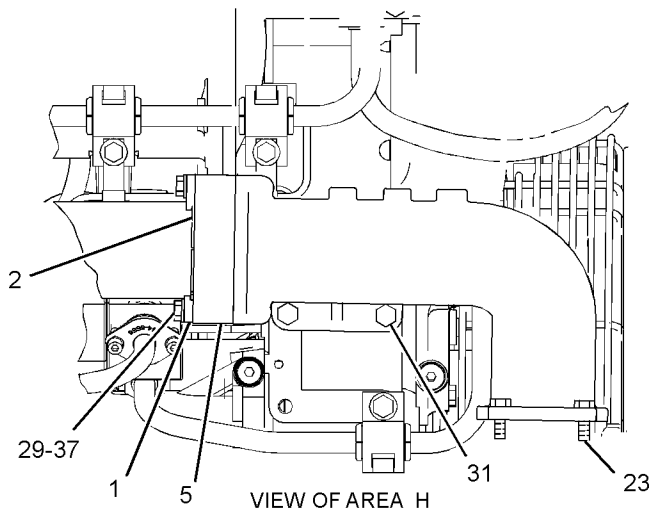
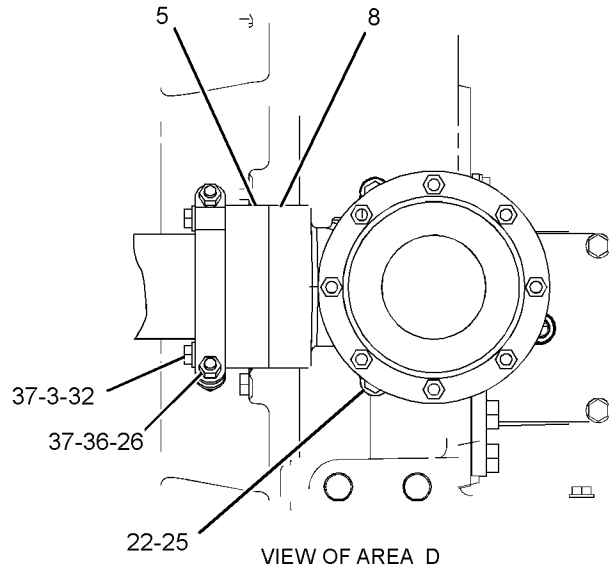
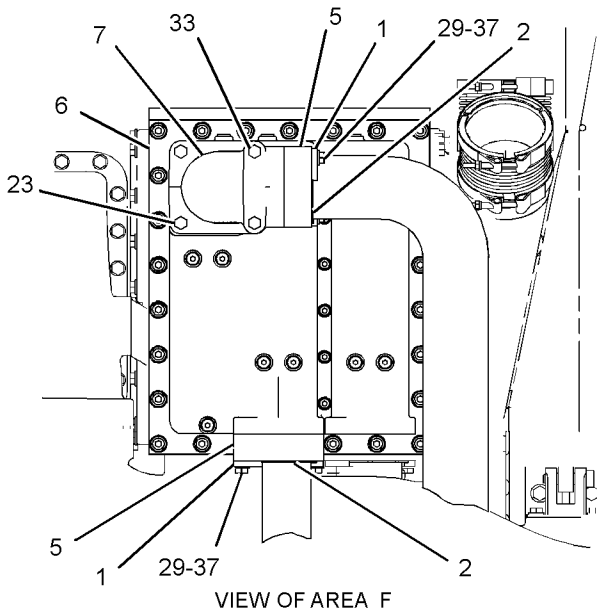
GRAPHIC #1

g01227646

COOLING SYSTEM

255-4423 LINES GP-WATER (contd.)

i02444418



GRAPHIC #2

<END>

g01227647

COOLING SYSTEM

256-5965 LINES GP-WATER-BYPASS

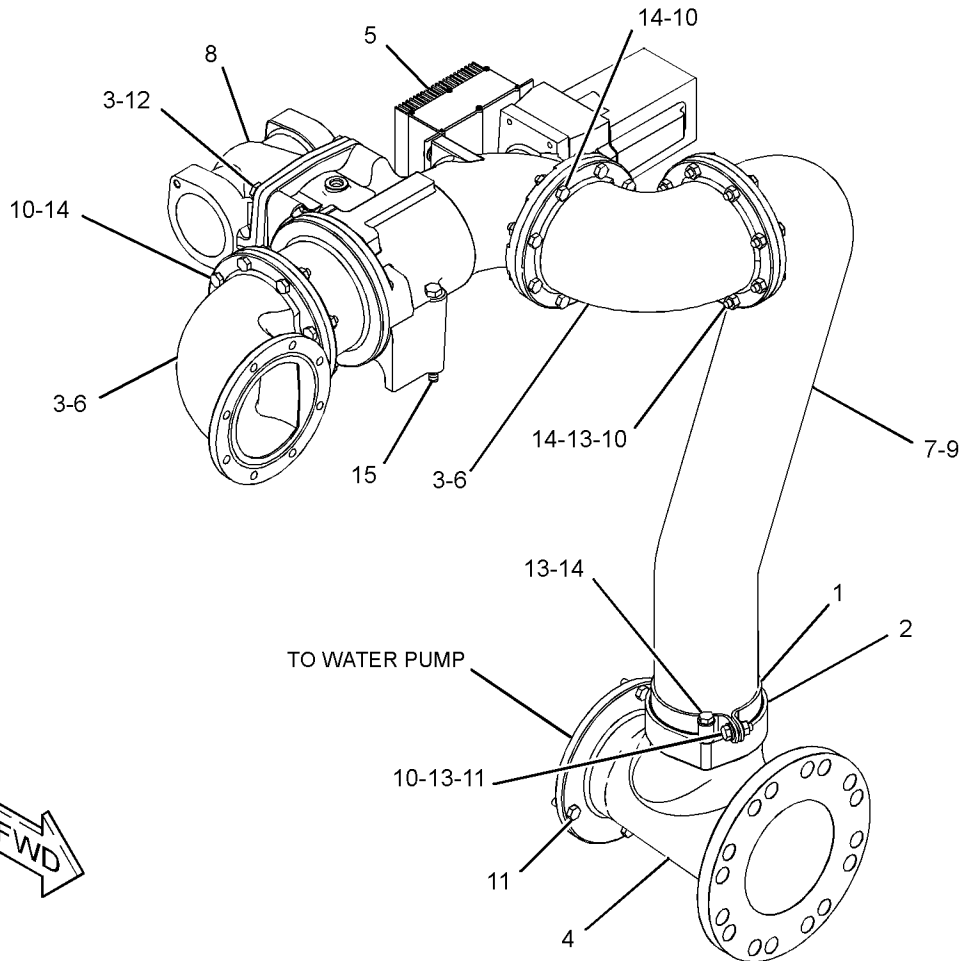
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1355, 1380, 1393

i02444439

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	108-6169	2	CLAMP AS						
	2	1	110-0097	1	RING						
	3	1	129-1610	5	SEAL-O-RING						
	4	1	245-9910	1	ELBOW						
	5	1	246-6700	1	VALVE GP-THERMOSTATIC						
	6	1	248-7562	2	ELBOW						
	7	1	256-5966	1	TUBE AS						
	8	1	256-5967	1	ELBOW						
	9	1	109-0081	1	SEAL-O-RING						
M	10	1	2Y-5829	26	NUT (M10X1.15-THD)						
M	11	1	6V-1820	6	BOLT (M10X1.5X30-MM)						
M	12	1	6V-3668	4	BOLT (M12X1.75X30-MM)						
	13	1	6V-5839	14	WASHER (11X21X2.5-MM THK)						
M	14	1	6V-5842	26	BOLT (M10X1.5X40-MM)						
M	15	1	8T-5001	3	BOLT (M12X1.75X130-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01225208

COOLING SYSTEM

264-3123 LINES GP-WATER-AFTERCOOLER

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1355, 1380, 1393

i02441022

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	3	4W-0531	2	RETAINER						
	2	2	7C-9597	1	FLANGE						
	3	2,3	245-6848	6	CLAMP AS						
	4	2,3	248-4097	4	STRAP AS						
	5	3	262-9990	1	SEAL-O-RING						
	6	3	264-3127	1	TUBE						
	7	2	264-3128	1	TUBE						
	8	2	264-3129	1	ELBOW						
	9	2,3	264-3130	2	COUPLING						
	10	2,3	266-2171	6	CLAMP						
	11	2	266-2173	1	TEE						
	12	2	266-2174	1	TUBE						
	13	3	266-2175	1	TUBE AS						
Y	14	1	270-2633	1	CORE AS-AFTERCOOLER						186
	15	2	274-7700	1	FLANGE						
	16	2	109-0077	2	SEAL-O-RING						
	17	2	1K-2616	3	SPACER						
	18	2,3	1L-5081	3	SPACER (0.41X0.75X0.56-IN THK)						
	19	2,3	2H-2665	4	SEAL-O-RING						
M	20	2,3	2Y-5829	9	NUT (M10X1.15-THD)						
	21	3	3E-7417	1	PLUG						
	22	2,3	4W-0530	4	RING-RETAINING						
	23	2	5P-8245	5	WASHER-HARD (13.5X25.5X3-MM THK)						
	24	2	6J-2680	2	SEAL-O-RING						
	25	2,3	6V-1581	7	CLIP (SLOT)						
	26	2,3	6V-1582	7	CLIP (TAB)						
M	27	2,3	6V-1820	18	BOLT (M10X1.5X30-MM)						
M	28	2	6V-3823	3	BOLT (M12X1.75X60-MM)						
M	29	2,3	6V-4249	3	BOLT (M10X1.5X50-MM)						
	30	2,3	6V-5839	38	WASHER (11X21X2.5-MM THK)						
M	31	3	6V-5843	2	BOLT (M10X1.5X45-MM)						
M	32	3	6V-6317	2	BOLT (M10X1.5X20-MM)						
M	33	2	6V-8675	2	BOLT (M12X1.75X35-MM)						
M	34	2	8T-0643	4	BOLT (M10X1.5X80-MM)						

M-METRIC PART

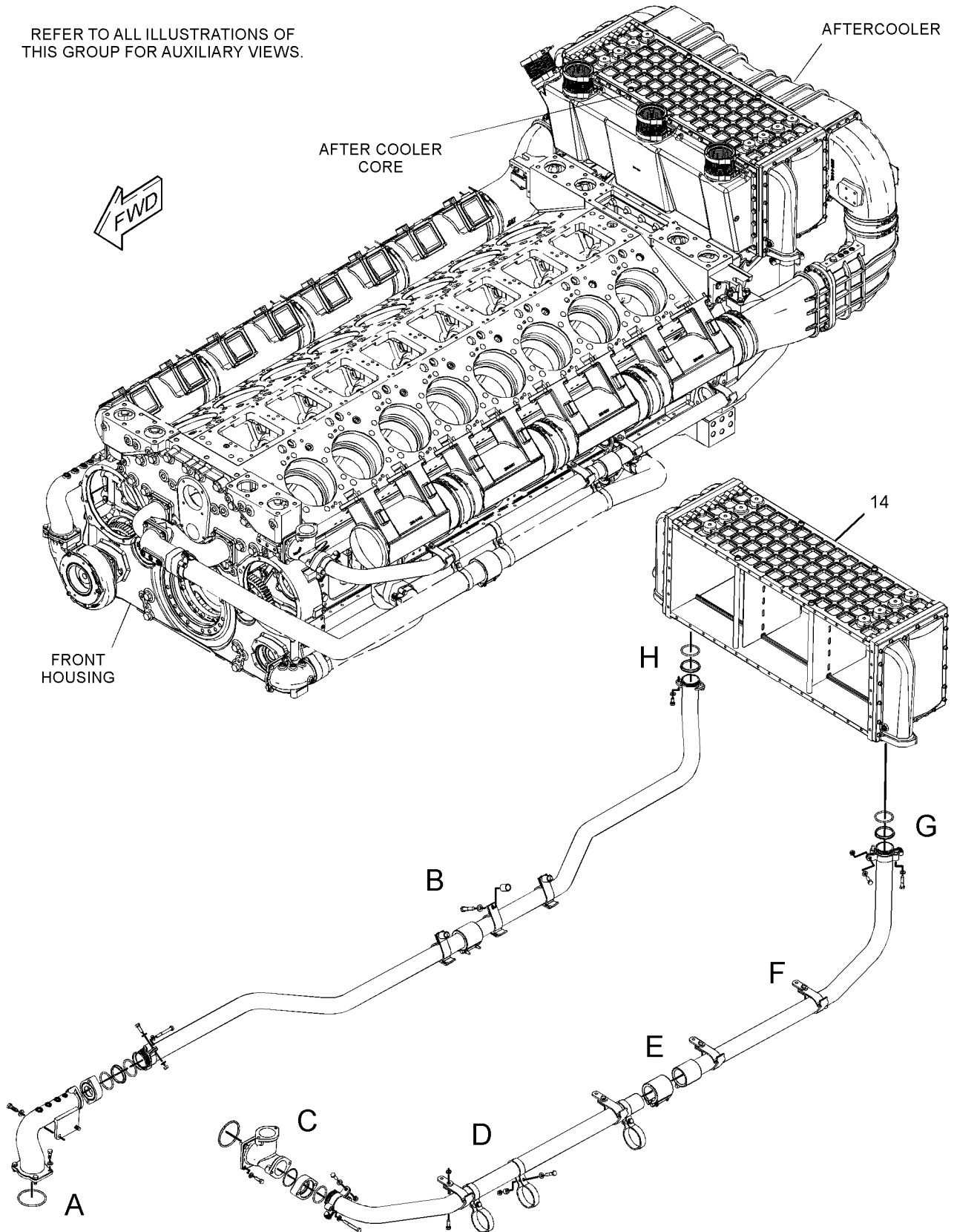
Y-SEPARATE ILLUSTRATION

COOLING SYSTEM

264-3123 LINES GP-WATER (contd.)

i02441022

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS.



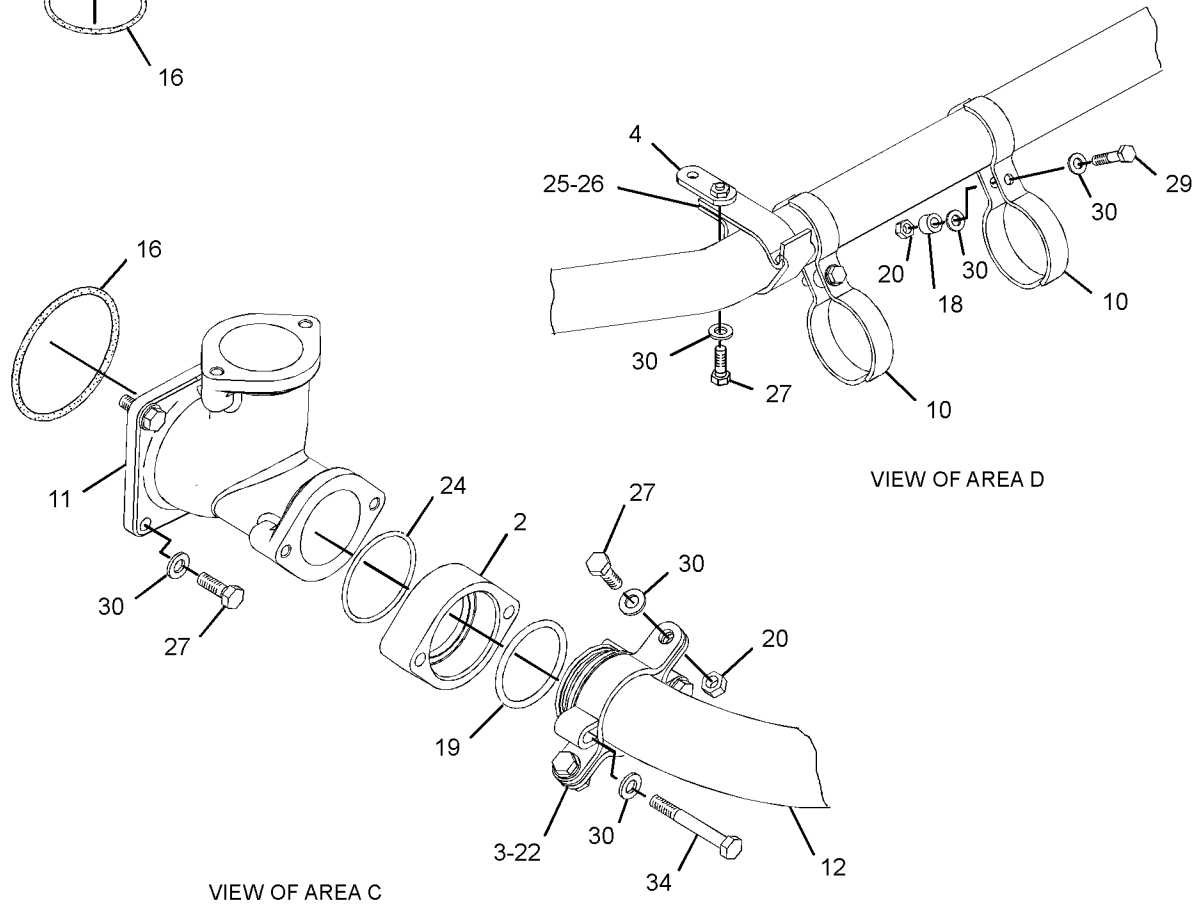
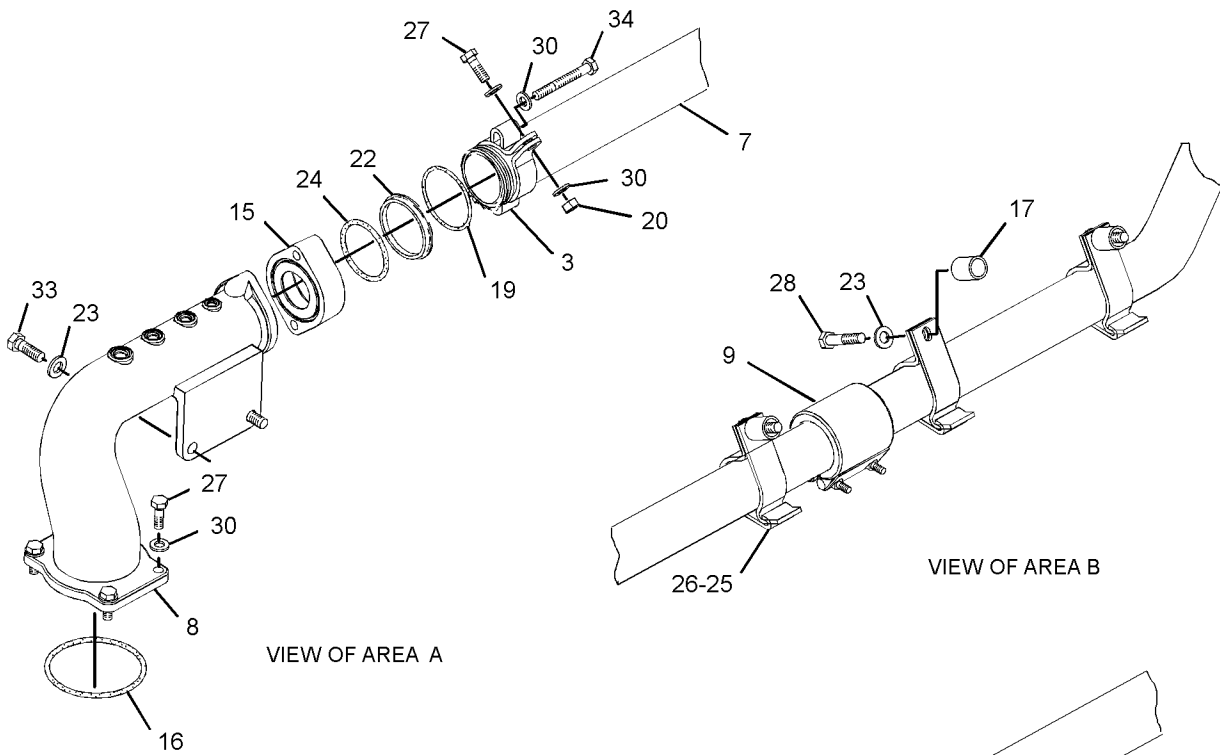
GRAPHIC #1

g0122329

COOLING SYSTEM

264-3123 LINES GP-WATER (contd.)

i02441022



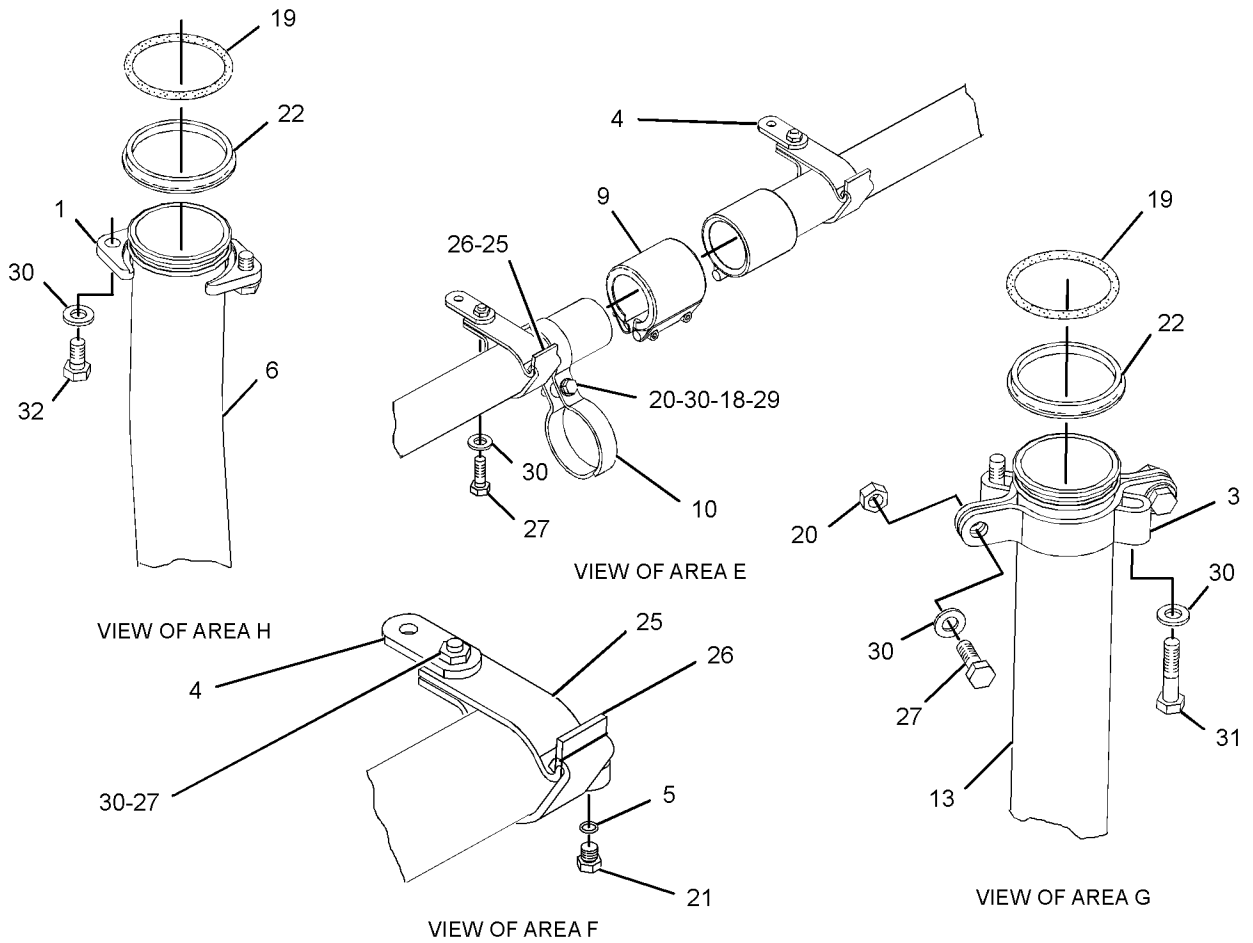
GRAPHIC #2

g01227568

COOLING SYSTEM

264-3123 LINES GP-WATER (contd.)

i02441022



GRAPHIC #3

<END>

g01227569

COOLING SYSTEM

266-2166 LINES GP-WATER-UPPER

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1355, 1380, 1393

i02440992

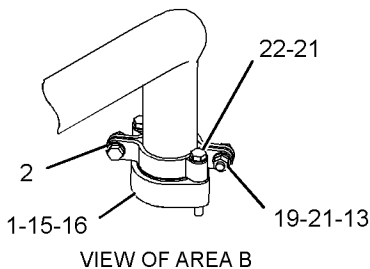
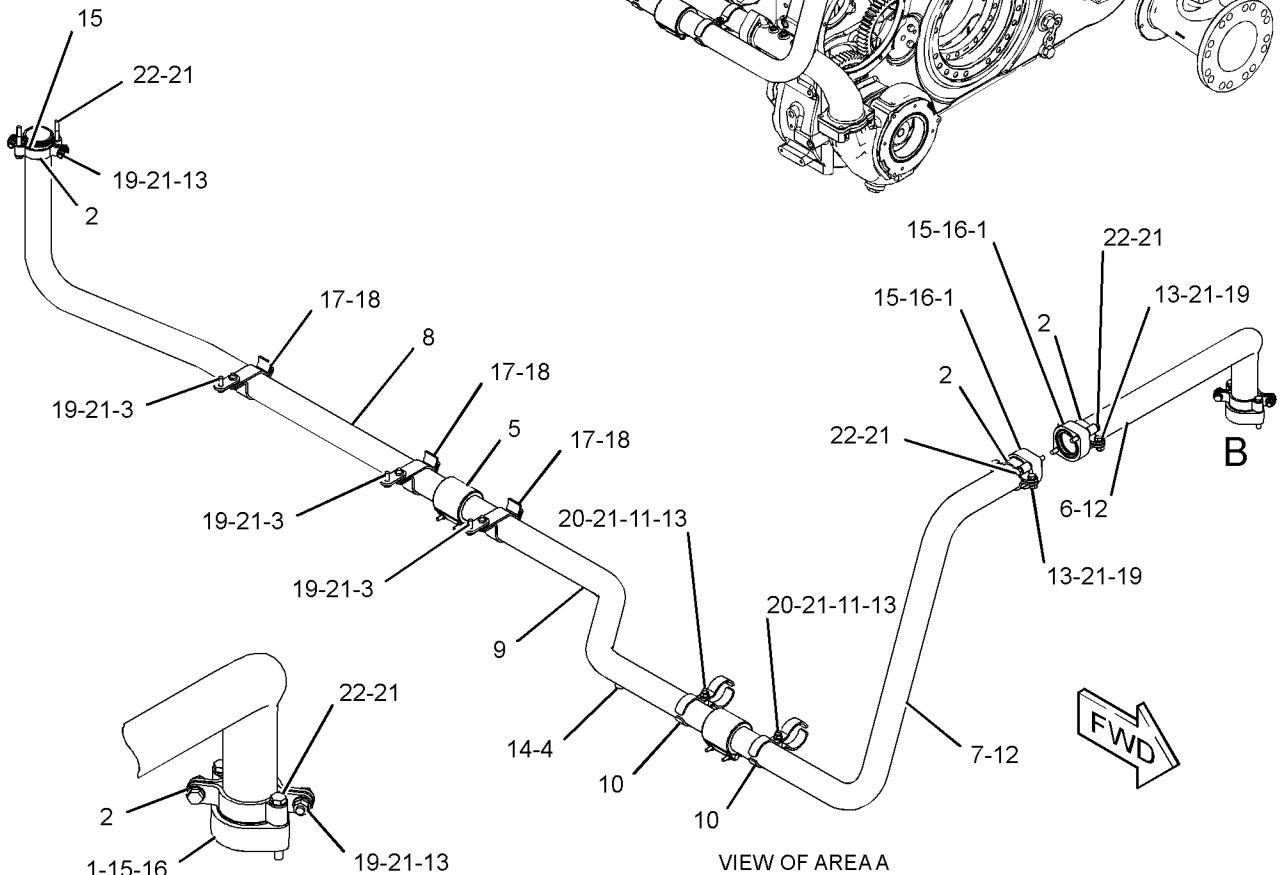
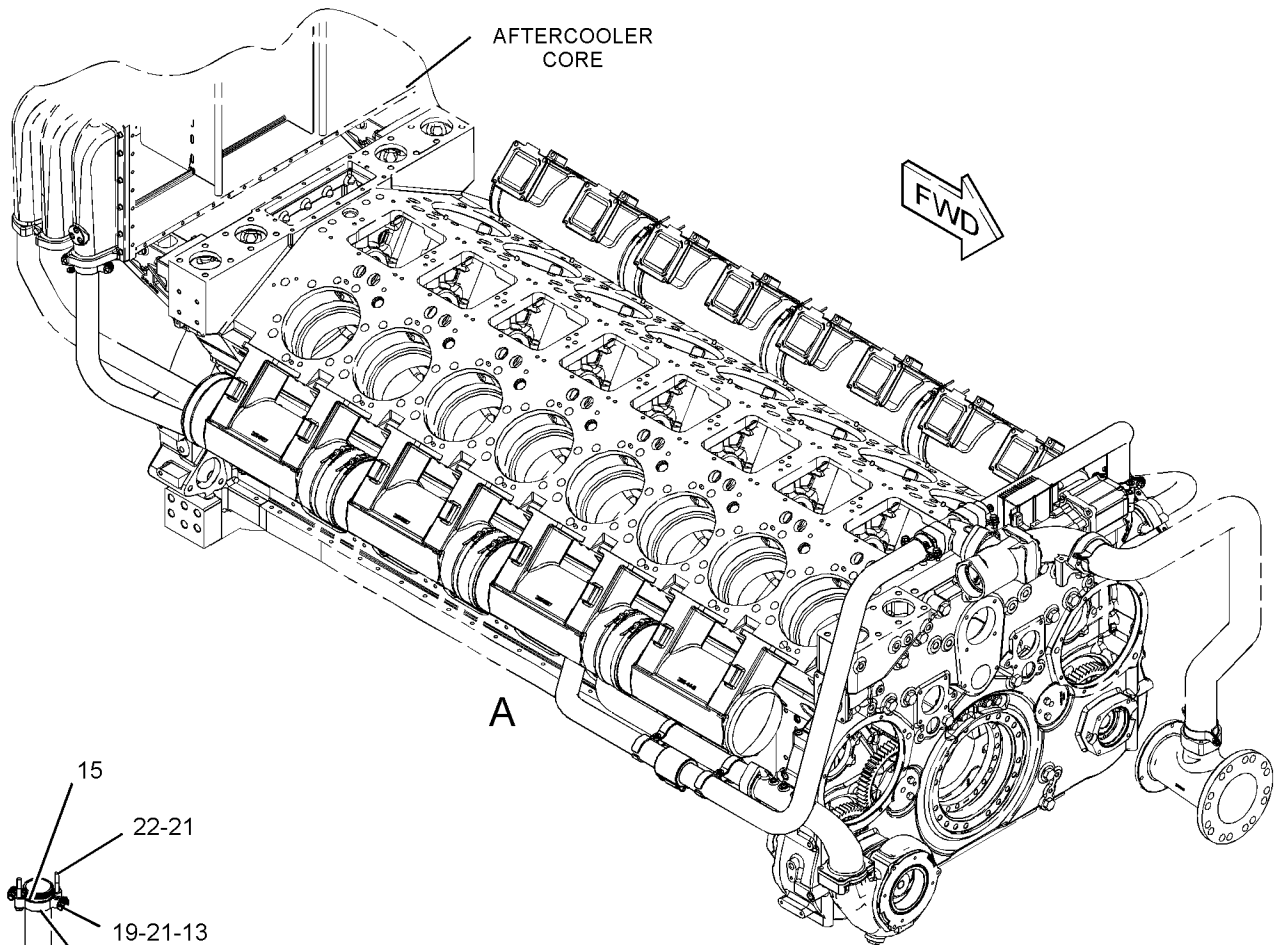
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7C-9597	3	FLANGE						
	2	1	245-6848	8	CLAMP AS						
	3	1	248-4097	3	STRAP AS						
	4	1	262-9990	1	SEAL-O-RING						
	5	1	264-3130	2	COUPLING						
	6	1	266-2167	1	TUBE						
	7	1	266-2168	1	TUBE						
	8	1	266-2169	1	TUBE						
	9	1	266-2198	1	TUBE AS						
	10	1	273-1188	4	CLAMP						
	11	1	1L-5081	2	SPACER (0.41X0.75X0.56-IN THK)						
	12	1	2H-2665	3	SEAL-O-RING						
M	13	1	2Y-5829	10	NUT (M10X1.15-THD)						
	14	1	3E-7417	1	PLUG						
	15	1	4W-0530	4	RING-RETAINING						
	16	1	6J-2680	3	SEAL-O-RING						
	17	1	6V-1581	3	CLIP (SLOT)						
	18	1	6V-1582	3	CLIP (TAB)						
M	19	1	6V-1820	14	BOLT (M10X1.5X30-MM)						
M	20	1	6V-4249	2	BOLT (M10X1.5X50-MM)						
	21	1	6V-5839	34	WASHER (11X21X2.5-MM THK)						
M	22	1	8T-0643	8	BOLT (M10X1.5X80-MM)						

M-METRIC PART

COOLING SYSTEM

266-2166 LINES GP-WATER (contd.)

i02440992



GRAPHIC #1

<END>

g01222410

COOLING SYSTEM

272-7935 LINES GP-WATER-BYPASS

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1355, 1380, 1393

i02440970

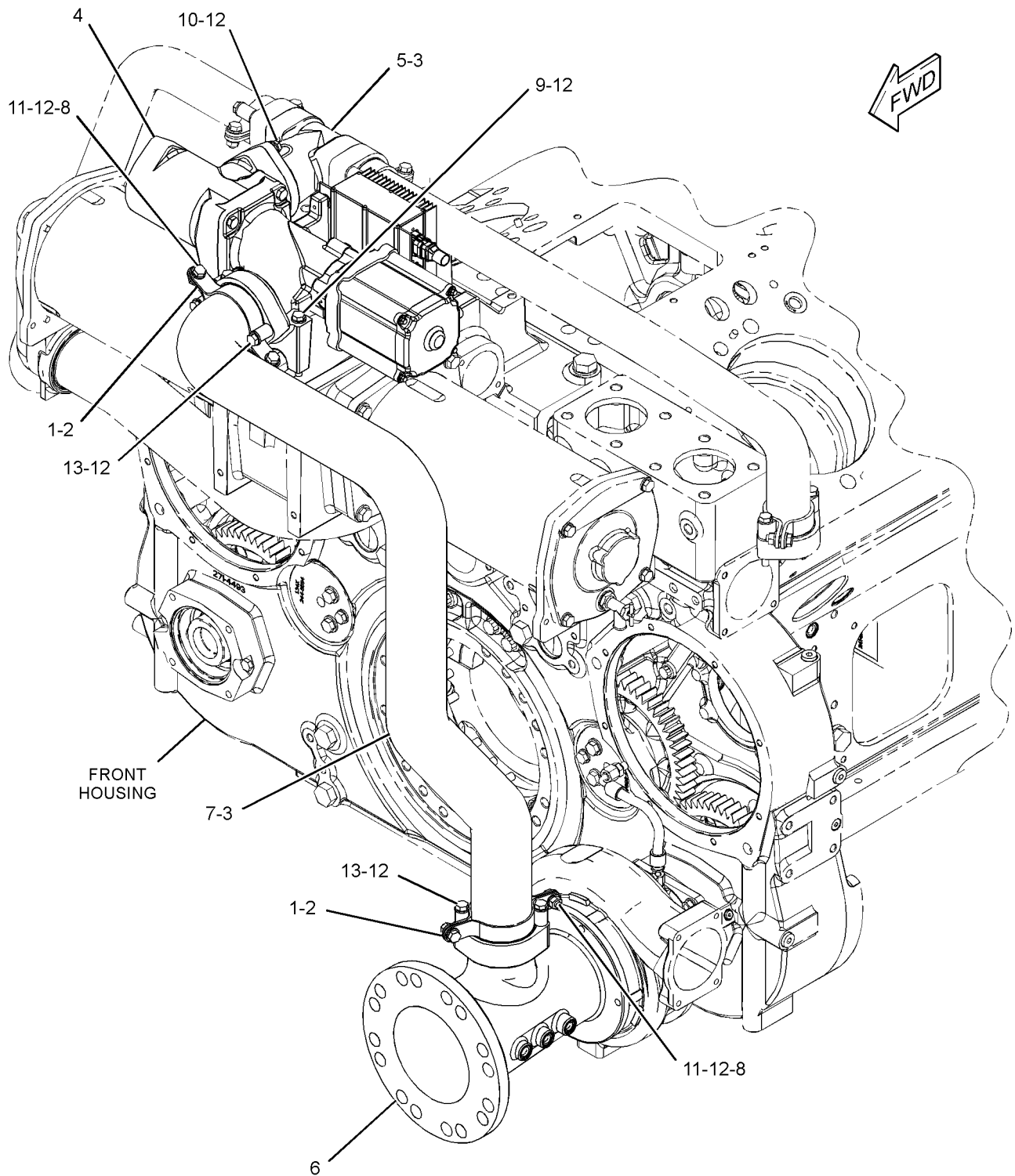
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	110-0096	2	RING						
	2	1	122-1148	4	CLAMP AS						
	3	1	259-4597	3	SEAL-O-RING						
	4	1	264-5356	1	VALVE GP-THERMOSTATIC						
	5	1	273-1190	1	ELBOW						
	6	1	273-1191	1	ELBOW						
	7	1	273-1192	1	TUBE						
M	8	1	2Y-5829	4	NUT (M10X1.15-THD)						
M	9	1	6V-1819	3	BOLT (M10X1.5X100-MM)						
M	10	1	6V-3822	2	BOLT (M10X1.5X35-MM)						
M	11	1	6V-4248	4	BOLT (M10X1.5X25-MM)						
	12	1	6V-5839	17	WASHER (11X21X2.5-MM THK)						
M	13	1	6V-5842	4	BOLT (M10X1.5X40-MM)						

M-METRIC PART

COOLING SYSTEM

272-7935 LINES GP-WATER (contd.)

i02440970



GRAPHIC #1

<END>

g01224015

COOLING SYSTEM

286-4573 LINES GP-WATER-AFTERCOOLER

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1355, 1380, 1393

i02479796

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1,2,3	108-6170	8	CLAMP AS						
	2	1,2,3	110-0096	4	RING						
	3	1,2,3	129-9454	3	FLANGE						
	4	2	243-6455	1	ELBOW						
	5	1	247-3429	6	CLAMP						
	6	1,2	248-7576	2	COUPLING AS						
	7	2,3	255-4438	1	ELBOW						
	8	1,3	256-5975	4	BRACKET-SUPPORT						
	9	1	256-5987	1	TEE						
	10	1,2,3	259-4597	4	SEAL-O-RING						
	11	3	270-6837	1	FLANGE						
	12	2	287-7018	1	TUBE						
	13	2	287-7019	1	TUBE						
	14	3	287-7020	1	TUBE AS						
	15	1	287-7043	1	TUBE						
	16	1,2,3	109-0077	3	SEAL-O-RING						
	17	2	1K-2616	3	SPACER (21.6X27.2X33.3-MM THK)						
	18	1	1L-5081	3	SPACER (0.41X0.75X0.56-IN THK)						
	19	1,2,3	258-8738	4	SEAL-O-RING						
M	20	1,2,3	2Y-5829	11	NUT (M10X1.15-THD)						
	21	3	3E-7417	1	PLUG						
	22	2	5P-8245	3	WASHER-HARD (13.5X25.5X3-MM THK)						
M	23	1,2,3	6V-1820	10	BOLT (M10X1.5X30-MM)						
M	24	1,3	6V-3822	4	BOLT (M10X1.5X35-MM)						
M	25	2	6V-3823	3	BOLT (M12X1.75X60-MM)						
M	26	1,2,3	6V-4248	8	BOLT (M10X1.5X25-MM)						
M	27	1	6V-4249	3	BOLT (M10X1.5X50-MM)						
	28	2	6V-4356	3	CLIP (SLOT)						
	29	2	6V-4357	3	CLIP (TAB)						
	30	1,2,3	6V-5839	30	WASHER (11X21X2.5-MM THK)						
M	31	1,3	6V-6317	8	BOLT (M10X1.5X20-MM)						
M	32	3	6V-8675	2	BOLT (M12X1.75X35-MM)						
M	33	1,2,3	8T-0643	8	BOLT (M10X1.5X80-MM)						
M	34	2	8T-5436	2	BOLT (M10X1.5X130-MM)						
	35	3	8T-7876	1	SEAL-O-RING						
	36	1,3	9Y-7409	4	CLAMP						

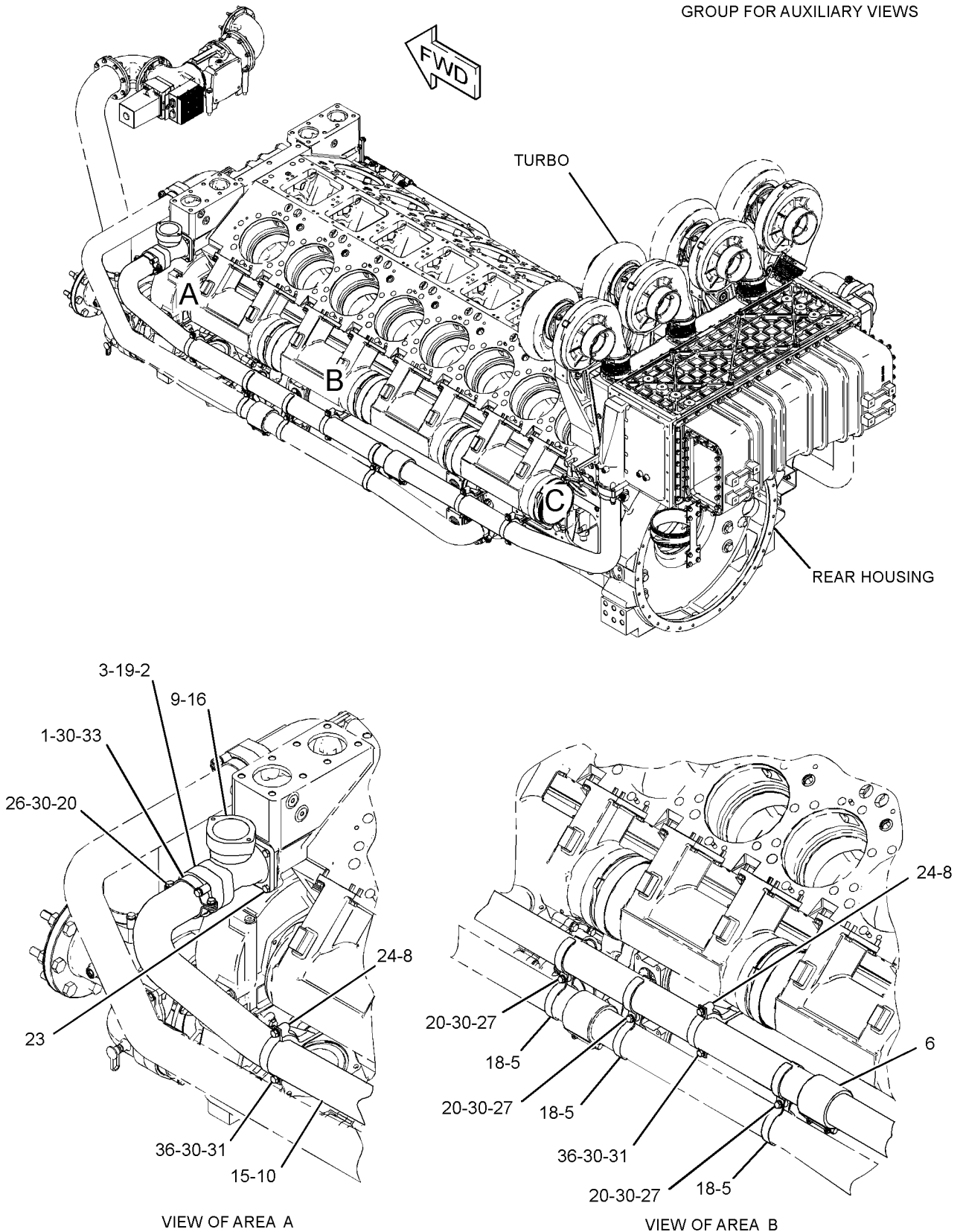
M-METRIC PART

COOLING SYSTEM

286-4573 LINES GP-WATER (contd.)

i02479796

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



GRAPHIC #1

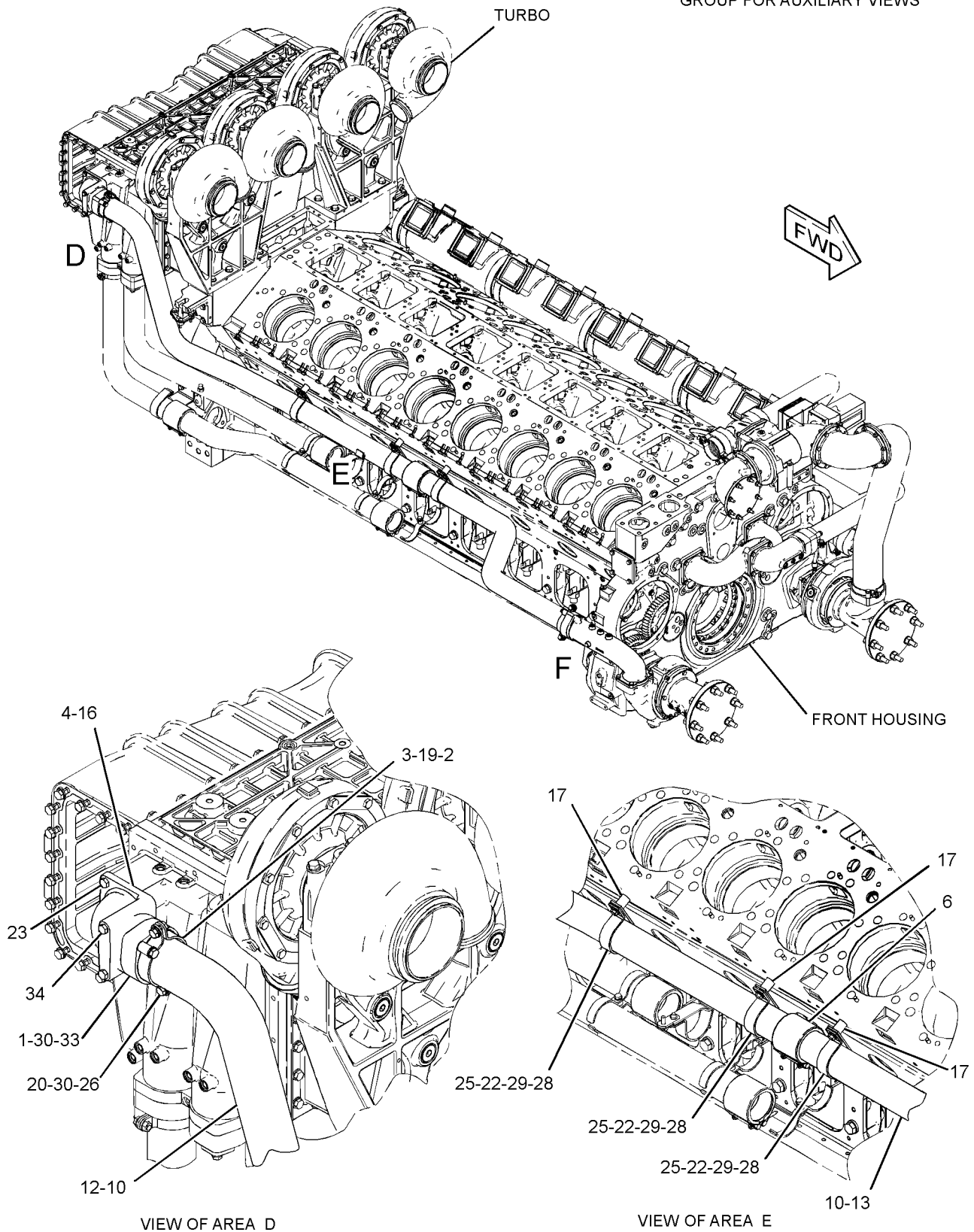
g01239816

COOLING SYSTEM

286-4573 LINES GP-WATER (contd.)

i02479796

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



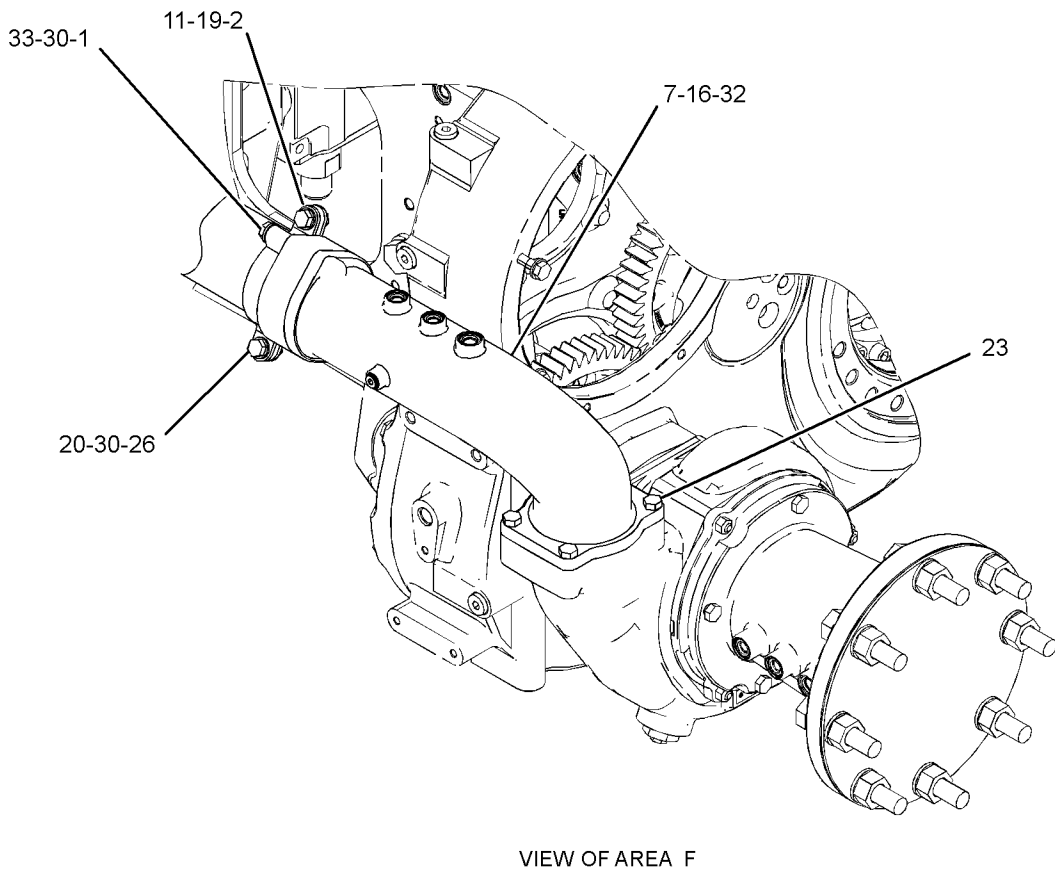
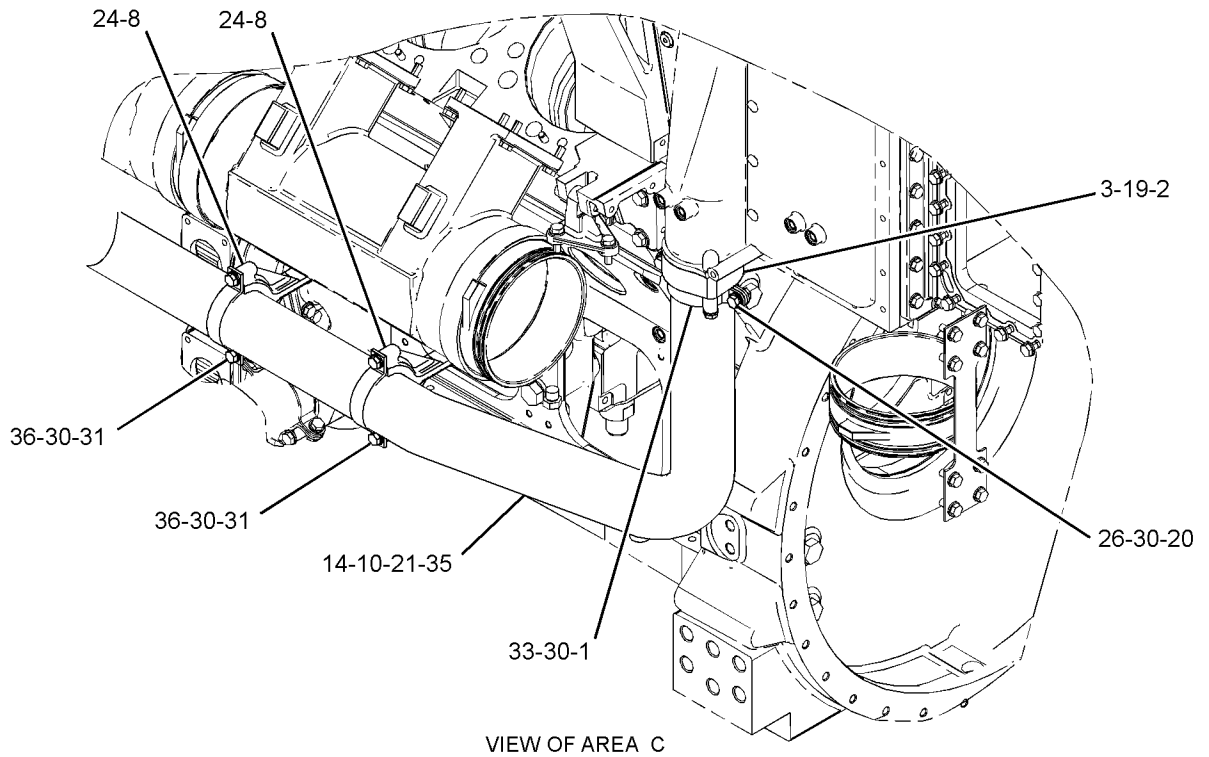
GRAPHIC #2

g01239817

COOLING SYSTEM

286-4573 LINES GP-WATER (contd.)

i02479796



GRAPHIC #3

<END>

g01239818

COOLING SYSTEM

286-4574 LINES GP-WATER-BYPASS

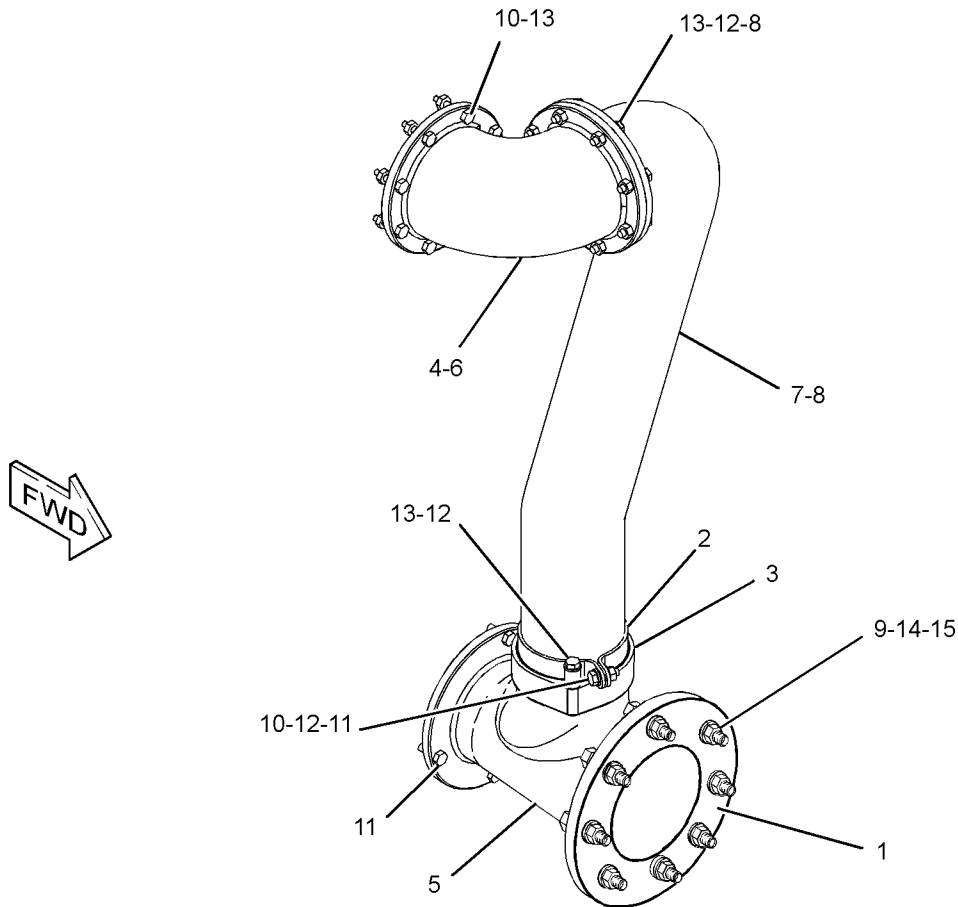
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1355, 1380, 1393

i02479798

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7C-9685	1	GASKET						
	2	1	108-6169	2	CLAMP AS						
	3	1	110-0097	1	RING						
	4	1	129-1610	2	SEAL-O-RING						
	5	1	245-9910	1	ELBOW						
	6	1	248-7562	1	ELBOW						
	7	1	287-7024	1	TUBE AS						
	8	1	109-0081	1	SEAL-O-RING						
M	9	1	180-5932	8	BOLT (M20X2.5X80-MM)						
M	10	1	2Y-5829	18	NUT (M10X1.15-THD)						
M	11	1	6V-1820	6	BOLT (M10X1.5X30-MM)						
	12	1	6V-5839	14	WASHER (11X21X2.5-MM THK)						
M	13	1	6V-5842	18	BOLT (M10X1.5X40-MM)						
	14	1	8T-4123	8	WASHER-PLATED (22X35X3.5-MM THK)						
M	15	1	8T-4131	8	NUT (M20X2.5-THD)						

M-METRIC PART



GRAPHIC #1

g01239131

COOLING SYSTEM

286-4575 LINES GP-WATER-UPPER

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1355, 1380, 1393

i02479810

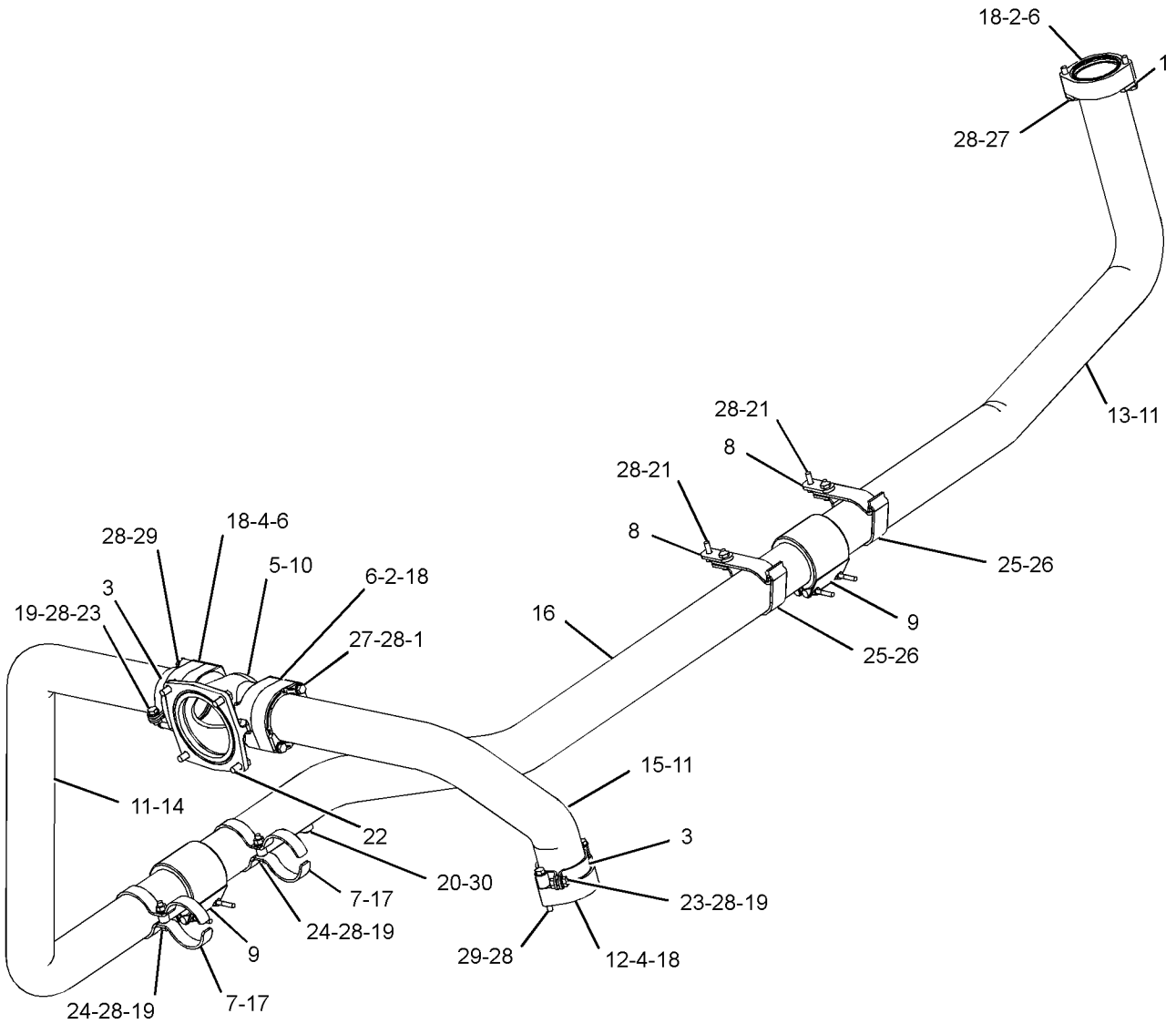
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8N-3639	4	RETAINER						
	2	1	8N-3640	2	RING-RETAINING						
	3	1	108-6170	4	CLAMP AS						
	4	1	110-0096	2	RING						
	5	1	129-1610	1	SEAL-O-RING						
	6	1	129-9454	3	FLANGE						
	7	1	247-3429	4	CLAMP						
	8	1	248-4097	2	STRAP AS						
					(EACH INCLUDES)						
M		1	3E-6912	1	NUT-WELD						
	9	1	248-7576	2	COUPLING AS						
	10	1	256-5967	1	ELBOW						
	11	1	259-4597	4	SEAL-O-RING						
	12	1	270-6838	1	FLANGE						
	13	1	287-7021	1	TUBE						
	14	1	287-7022	1	TUBE						
	15	1	287-7023	1	TUBE						
	16	1	287-7027	1	TUBE AS						
	17	1	1L-5081	2	SPACER (0.41X0.75X0.56-IN THK)						
	18	1	258-8738	4	SEAL-O-RING						
M	19	1	2Y-5829	6	NUT (M10X1.15-THD)						
	20	1	3E-7417	1	PLUG						
M	21	1	6V-1820	4	BOLT (M10X1.5X30-MM)						
M	22	1	6V-3668	4	BOLT (M12X1.75X30-MM)						
M	23	1	6V-4248	4	BOLT (M10X1.5X25-MM)						
M	24	1	6V-4249	2	BOLT (M10X1.5X50-MM)						
	25	1	6V-4356	2	CLIP (SLOT)						
	26	1	6V-4357	2	CLIP (TAB)						
M	27	1	6V-5230	4	BOLT (M10X1.5X60-MM)						
	28	1	6V-5839	20	WASHER (11X21X2.5-MM THK)						
M	29	1	8T-0643	4	BOLT (M10X1.5X80-MM)						
	30	1	8T-7876	1	SEAL-O-RING						

M-METRIC PART

COOLING SYSTEM

286-4575 LINES GP-WATER (contd.)

i02479810



GRAPHIC #1

<END>

g01239839

COOLING SYSTEM

287-7031 LINES GP-WATER-SEPARATE CIRCUIT AFTERCOOLER

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1355, 1380, 1393

i02479797

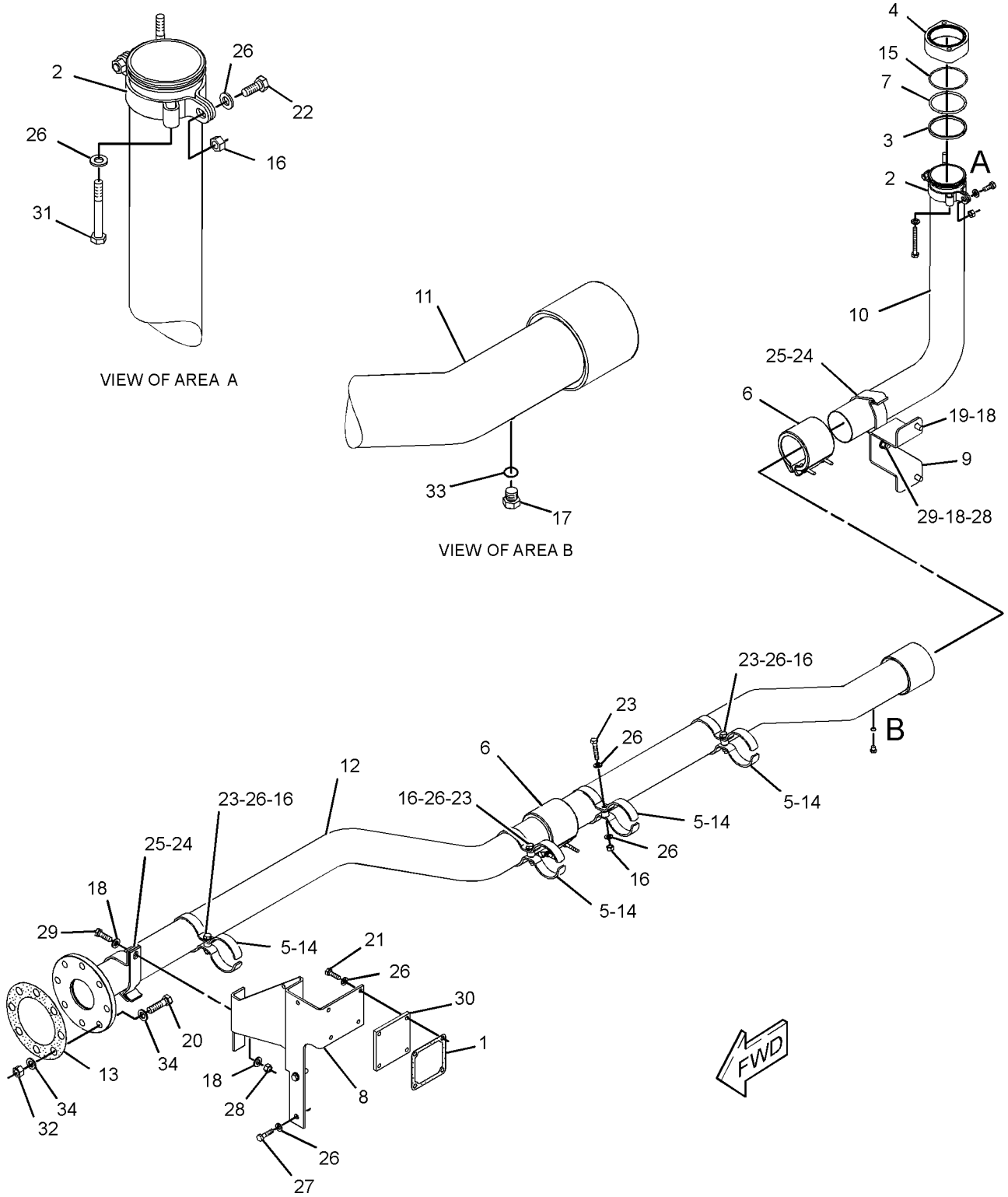
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7E-6016	1	GASKET						
	2	1	108-6170	2	CLAMP AS						
	3	1	110-0096	1	RING						
	4	1	129-9454	1	FLANGE						
	5	1	247-3429	8	CLAMP						
	6	1	248-7576	2	COUPLING AS						
	7	1	259-4597	1	SEAL-O-RING						
	8	1	267-2228	1	BRACKET						
	9	1	282-2638	1	BRACKET						
	10	1	287-7032	1	TUBE						
	11	1	287-7033	1	TUBE AS						
	12	1	287-7034	1	TUBE AS						
	13	1	287-7042	1	GASKET						
	14	1	1L-5081	4	SPACER (0.41X0.75X0.56-IN THK)						
	15	1	258-8738	1	SEAL-O-RING						
M	16	1	2Y-5829	6	NUT (M10X1.15-THD)						
	17	1	3E-7417	1	PLUG						
	18	1	5P-8245	6	WASHER-HARD (13.5X25.5X3-MM THK)						
M	19	1	6A-5591	2	BOLT (M12X1.75X25-MM)						
M	20	1	6V-3303	8	BOLT (M16X2X60-MM)						
M	21	1	6V-3822	4	BOLT (M10X1.5X35-MM)						
M	22	1	6V-4248	2	BOLT (M10X1.5X25-MM)						
M	23	1	6V-4249	4	BOLT (M10X1.5X50-MM)						
	24	1	6V-4356	2	CLIP (SLOT)						
	25	1	6V-4357	2	CLIP (TAB)						
	26	1	6V-5839	18	WASHER (11X21X2.5-MM THK)						
M	27	1	6V-5842	2	BOLT (M10X1.5X40-MM)						
M	28	1	6V-8149	2	NUT (M12X1.75-THD)						
M	29	1	6V-8197	2	BOLT (M12X1.75X40-MM)						
	30	1	7E-6017	1	COVER						
M	31	1	8T-0643	2	BOLT (M10X1.5X80-MM)						
M	32	1	8T-1757	8	NUT (M16X2-THD)						
	33	1	8T-7876	1	SEAL-O-RING						
	34	1	9X-8268	16	WASHER (17.5X30X3.5-MM THK)						

M-METRIC PART

COOLING SYSTEM

287-7031 LINES GP-WATER (contd.)

i02479797



GRAPHIC #1

<END>

g01239608

COOLING SYSTEM

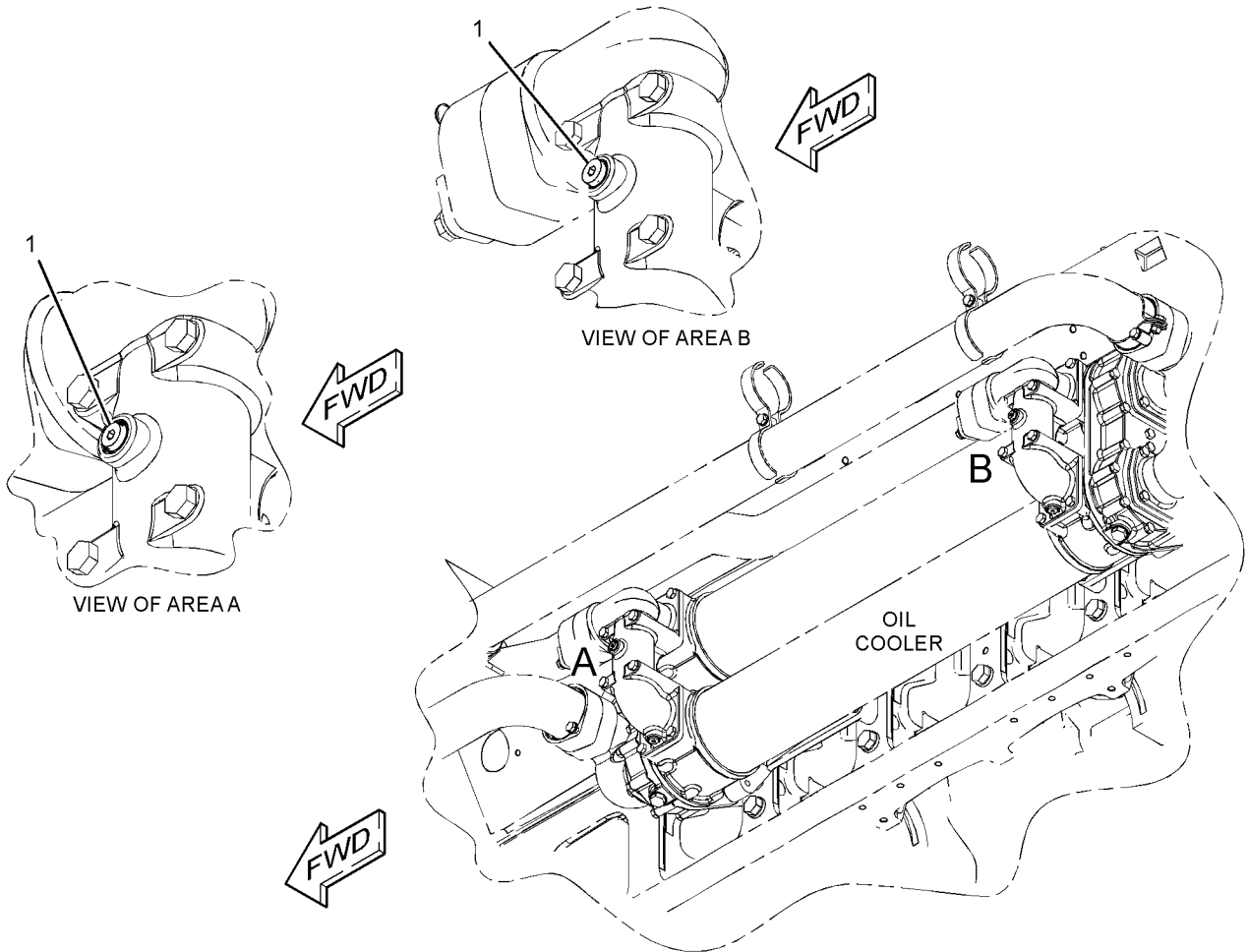
262-1137 PLUG GP-ENGINE OIL COOLER

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1378

i02444476

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	260-9154	2	PLUG AS						
					(EACH INCLUDES)						
		1	8C-3076	1	SEAL-O-RING						
		1	260-9153	1	PLUG						



GRAPHIC #1

<END>

g01224717

COOLING SYSTEM

248-4129 PUMP GP-WATER-JACKET WATER

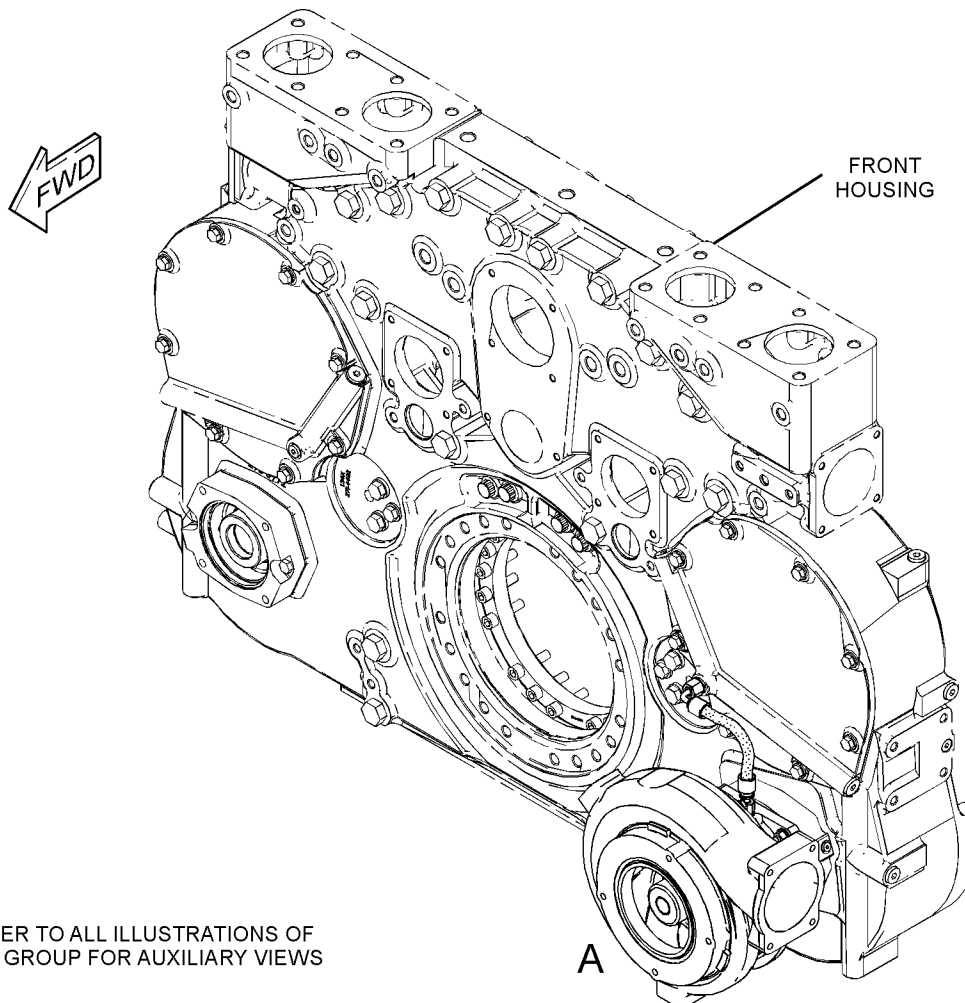
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1361

i02444326

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	2	210-2091	1	HOSE AS						
Y	2	2	263-1050	1	PUMP GP-WATER						166
	3	2	061-7538	1	SEAL-O-RING						
	4	2	192-7116	1	SEAL-O-RING						
	5	2	199-9267	1	SEAL-O-RING						
	6	2	228-6046	1	CONNECTOR						
	7	2	228-6047	1	CONNECTOR						
	8	2	249-6365	4	STUD-TAPERLOCK						
M	9	2	2Y-5829	4	NUT (M10X1.15-THD)						
	10	2	6V-5839	4	WASHER (11X21X2.5-MM THK)						
	11	2	6V-6809	1	SEAL-O-RING						
	12	2	8L-2779	1	SEAL-O-RING						
	13	2	9X-7287	1	SEAL-O-RING						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART
Y-SEPARATE ILLUSTRATION



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

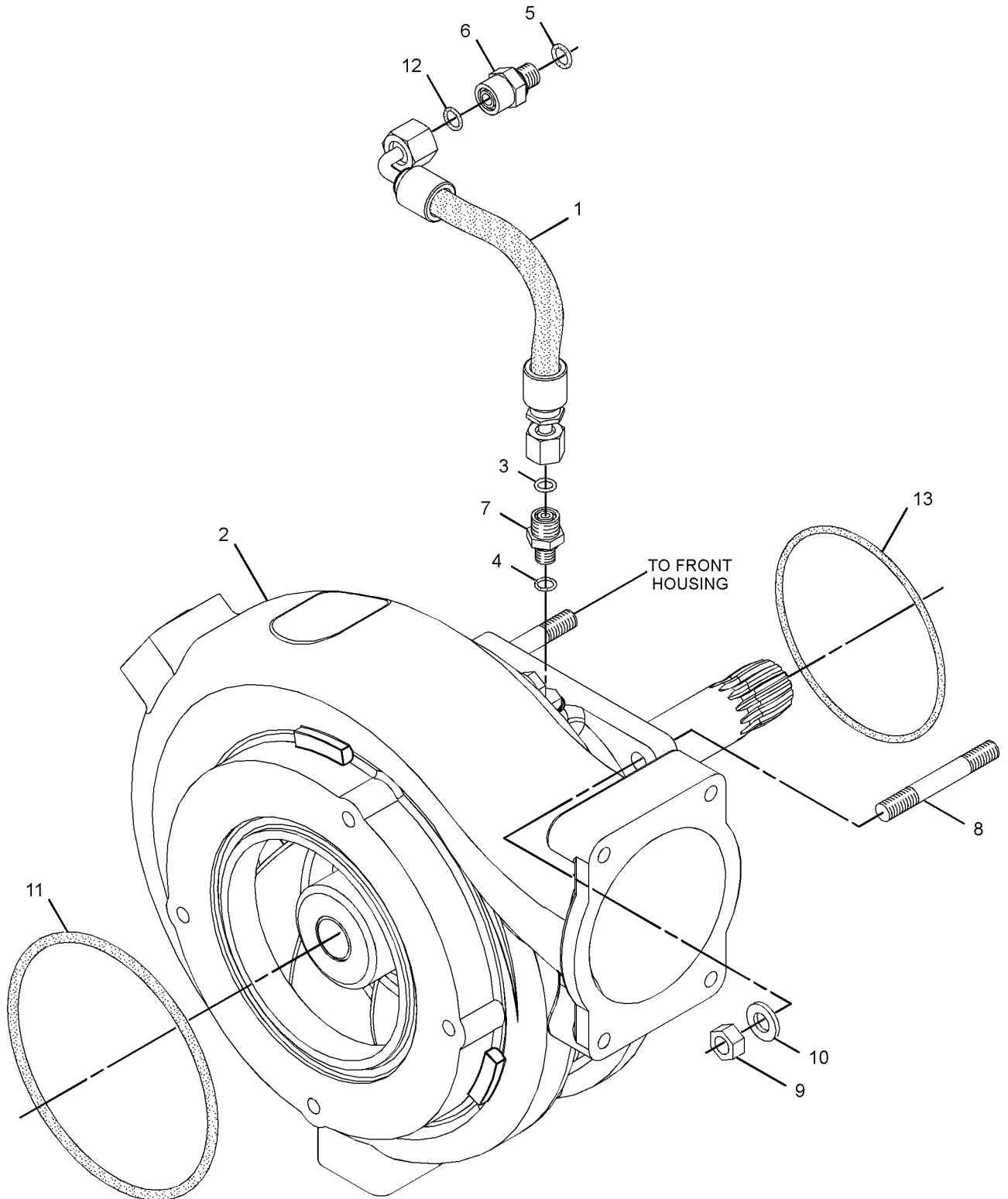
GRAPHIC #1

g01223714

COOLING SYSTEM

248-4129 PUMP GP-WATER (contd.)

i02444326



VIEW OF AREA A

GRAPHIC #2

<END>

g01223715

COOLING SYSTEM

250-6720 PUMP GP-WATER-SEPARATE CIRCUIT AFTERCOOLER

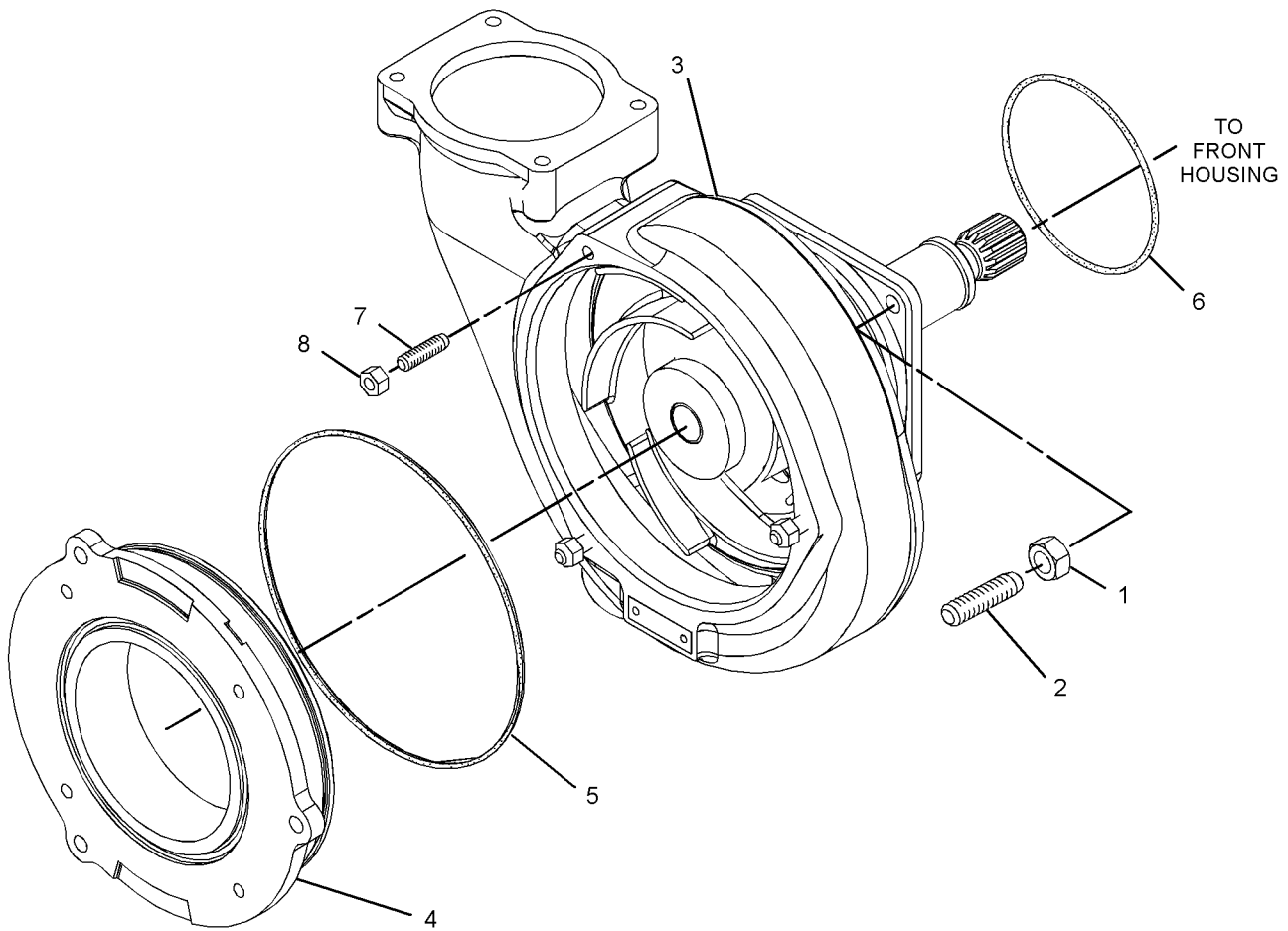
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1361

i02402970

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6	
M	1	1	2Y-5829	4	NUT (M10X1.15-THD)						
	2	1	249-6365	4	STUD-TAPERLOCK (M10X1.5X79-MM)						
Y	3	1	250-6721	1	PUMP GP-WATER						165
	4	1	250-6722	1	COVER						
	5	1	271-4926	1	SEAL						
	6	1	271-4928	1	SEAL						
	7	1	9M-2151	3	STUD-TAPERLOCK (3/8-16X1.378-IN)						
	8	1	9S-8752	3	NUT-FULL (3/8-16-THD)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01227769

COOLING SYSTEM

250-6721 PUMP GP-WATER

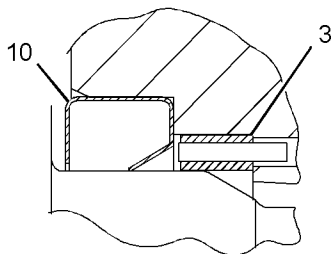
S/N: WYB1-UP

PART OF 250-6720 PUMP GP-WATER
AN ATTACHMENT

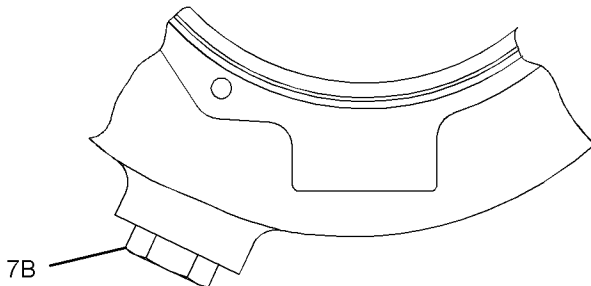
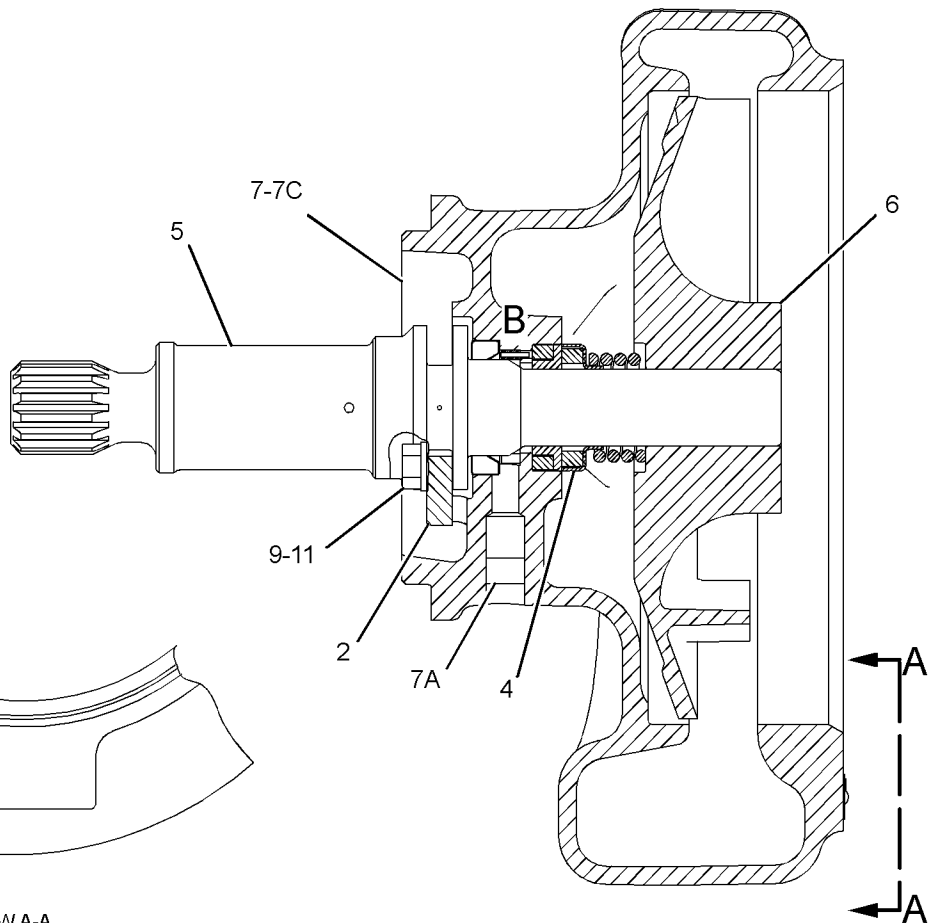
SMCS-1361

i02402966

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	2	1	7N-4758	1	WASHER - THRUST						
	3	1	166-4374	1	RING AS						
		1	1L-5316	1	PIN-SPRING						
	4	1	166-4376	1	SEAL GP-WATER PUMP						
	5	1	212-8180	1	SHAFT						
		1	4B-9782	1	BALL						
	6	1	212-8184	1	IMPELLER						
	7	1	250-6723	1	HOUSING AS-PUMP						
	7A	1	4N-5834	2	FILTER (WATER PUMP)						
	7B	1	8T-7525	1	SEAL-O-RING						
	7C	1	250-6725	1	HOUSING-PUMP						
	9	1	0S-1618	2	BOLT (5/16-18X1-IN)						
	10	1	8C-5236	1	SEAL-LIP TYPE						
	11	1	9M-1974	2	WASHER-HARD (8.8X16X2-MM THK)						



VIEW OF AREA B



VIEW A-A

GRAPHIC #1

<END>

g01200874

COOLING SYSTEM

263-1050 PUMP GP-WATER

S/N: WYB1-UP

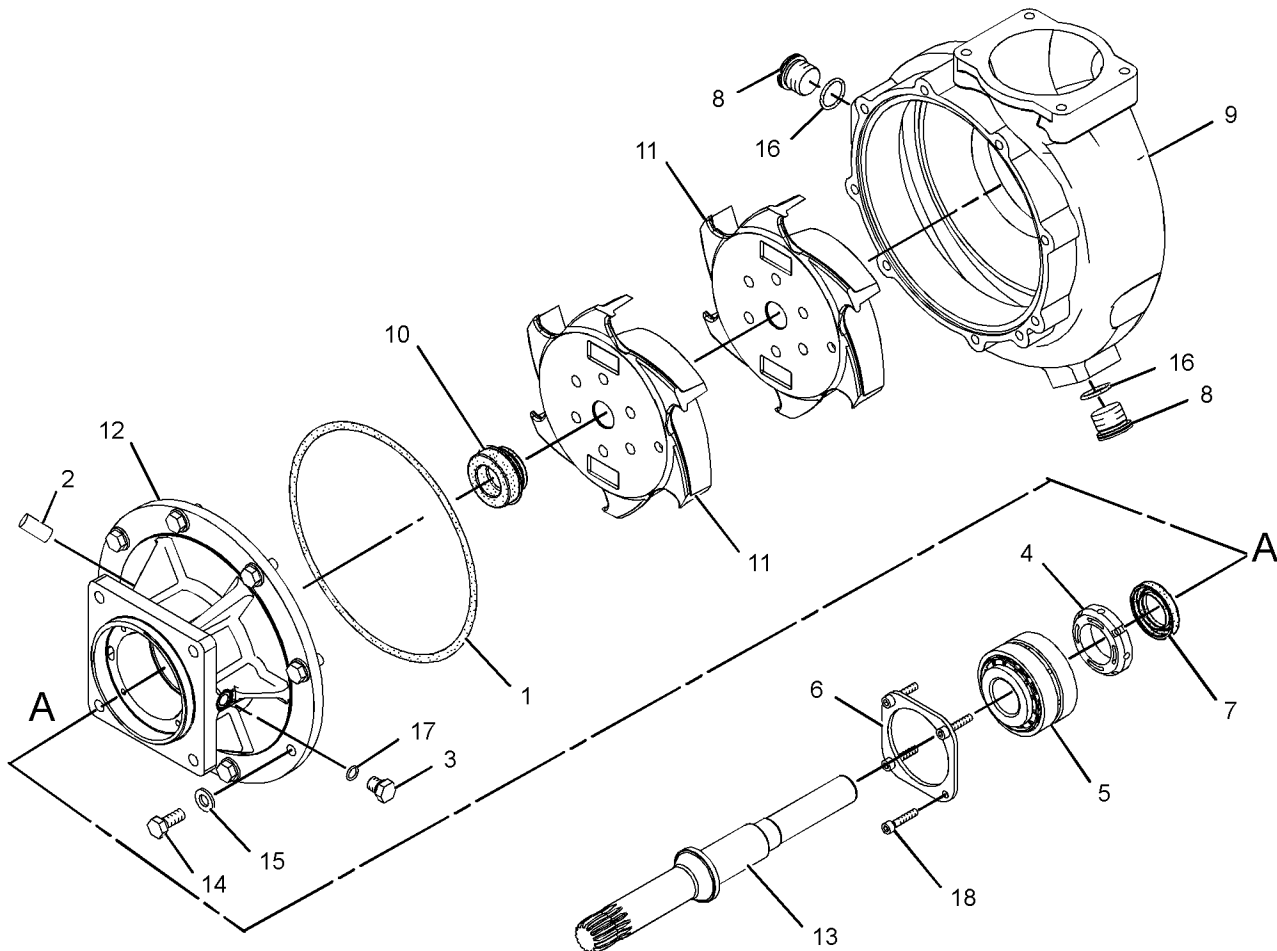
PART OF 248-4129 PUMP GP-WATER
AN ATTACHMENT

SMCS-1361

i02445980

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4N-1230	1	SEAL-O-RING						
	2	1	136-3742	1	FILTER-WATER PUMP						
	3	1	225-5153	1	PLUG-DRAIN						
	4	1	229-5472	1	LOCKNUT-BEARING						
	5	1	235-4181	1	BEARING AS						
	6	1	235-4543	1	RETAINER						
	7	1	235-4643	1	SEAL-WATER PUMP						
	8	1	241-6171	2	PLUG						
	9	1	244-0904	1	HOUSING-PUMP						
	10	1	244-1645	1	SEAL GP (WATER PUMP)						
	11	1	258-8727	2	IMPELLER-WATER						
	12	1	263-1051	1	HOUSING-BEARING						
	13	1	263-1052	1	SHAFT-PUMP						
M	14	1	6V-4248	8	BOLT (M10X1.5X25-MM)						
	15	1	6V-5839	8	WASHER (11X21X2.5-MM THK)						
	16	1	8T-7525	2	SEAL-O-RING						
	17	1	8T-7876	1	SEAL-O-RING						
M	18	1	8T-8442	4	BOLT-SOCKET HEAD (M6X1X30-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01227962

COOLING SYSTEM

259-9155 RADIATOR & FAN GP

S/N: WYB1-UP
64-SQ FT, FAN RATIO:0.409
AN ATTACHMENT

SMCS-1353, 1356

i02444456

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
			SERVICEABLE PARTS IDENTIFICATION FOR THIS GROUP WAS NOT AVAILABLE AT TIME OF THIS PUBLICATION.	
			REFER TO THE SERVICE INFORMATION SYSTEM (SIS) FOR THE LATEST AVAILABLE PARTS INFORMATION.	
			<END>	

259-9166 RADIATOR & FAN GP

S/N: WYB1-UP
84-SQ FT, FAN RATIO:0.304
AN ATTACHMENT

SMCS-1353, 1356

i02444457

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
			SERVICEABLE PARTS IDENTIFICATION FOR THIS GROUP WAS NOT AVAILABLE AT TIME OF THIS PUBLICATION.	
			REFER TO THE SERVICE INFORMATION SYSTEM (SIS) FOR THE LATEST AVAILABLE PARTS INFORMATION.	
			<END>	

259-9167 RADIATOR & FAN GP

S/N: WYB1-UP
64-SQ FT, FAN RATIO:0.398
AN ATTACHMENT

SMCS-1353, 1356

i02444458

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
			SERVICEABLE PARTS IDENTIFICATION FOR THIS GROUP WAS NOT AVAILABLE AT TIME OF THIS PUBLICATION.	
			REFER TO THE SERVICE INFORMATION SYSTEM (SIS) FOR THE LATEST AVAILABLE PARTS INFORMATION.	
			<END>	

COOLING SYSTEM

255-0072 RADIATOR GP

S/N: WYB1-UP
87.8-SQ FT
AN ATTACHMENT

SMCS-1353

i02428430

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
			SERVICEABLE PARTS IDENTIFICATION FOR THIS GROUP WAS NOT AVAILABLE AT TIME OF THIS PUBLICATION.	
			REFER TO THE SERVICE INFORMATION SYSTEM (SIS) FOR THE LATEST AVAILABLE PARTS INFORMATION.	
			<END>	

259-9154 RADIATOR GP

S/N: WYB1-UP
84-SQ FT
AN ATTACHMENT

SMCS-1353

i02444454

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
			SERVICEABLE PARTS IDENTIFICATION FOR THIS GROUP WAS NOT AVAILABLE AT TIME OF THIS PUBLICATION.	
			REFER TO THE SERVICE INFORMATION SYSTEM (SIS) FOR THE LATEST AVAILABLE PARTS INFORMATION.	
			<END>	

286-4571 VALVE GP-THERMOSTATIC

S/N: WYB1-UP
AN ATTACHMENT

SMCS-5074

i02479783

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

AIR INLET AND EXHAUST SYSTEM

269-2552 ADAPTER GP-EXHAUST

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1061

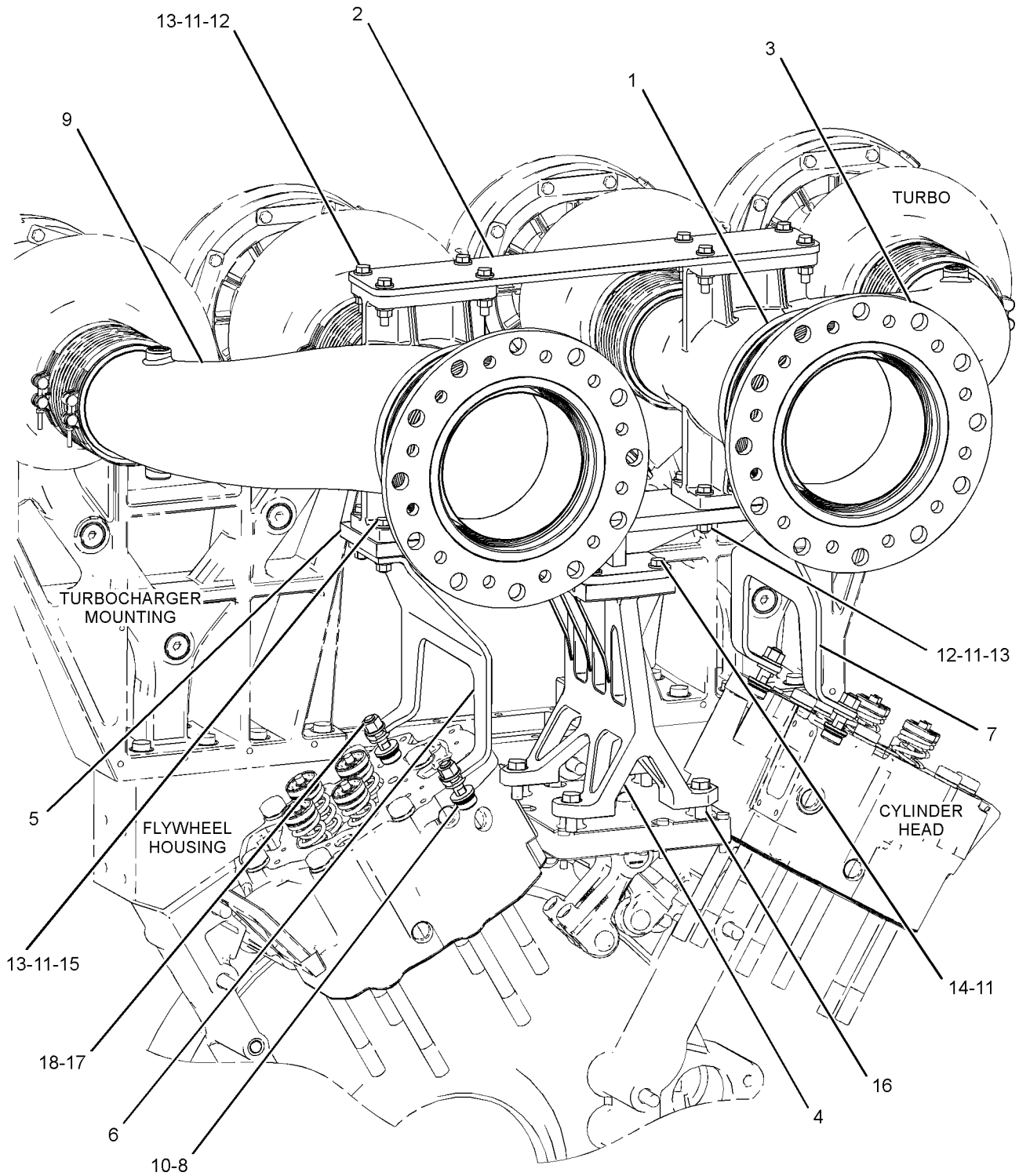
i02440991

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1W-4161	2	CLAMP						
	2	1	260-0190	1	BRACKET						
	3	1	268-9519	2	BELLOWS AS						
	4	1	275-1037	1	SUPPORT						
	5	1	275-1039	1	SUPPORT AS						
	6	1	278-9713	1	SUPPORT						
	7	1	278-9714	1	SUPPORT						
	8	1	278-9715	4	ADAPTER						
	9	1	280-0994	2	MANIFOLD						
	10	1	228-7107	4	SEAL-O-RING						
	11	1	5P-8245	36	WASHER-HARD (13.5X25.5X3-MM THK)						
M	12	1	6V-3823	12	BOLT (M12X1.75X60-MM)						
M	13	1	6V-8149	16	NUT (M12X1.75-THD)						
M	14	1	6V-8197	4	BOLT (M12X1.75X40-MM)						
M	15	1	6V-8336	4	BOLT (M12X1.75X70-MM)						
M	16	1	8T-0375	4	BOLT (M16X2X45-MM)						
M	17	1	8T-1757	4	NUT (M16X2-THD)						
	18	1	9X-8268	4	WASHER (17.5X30X3.5-MM THK)						
M-METRIC PART											

AIR INLET AND EXHAUST SYSTEM

269-2552 ADAPTER GP-EXHAUST (contd.)

i02440991



GRAPHIC #1

<END>

g01221337

AIR INLET AND EXHAUST SYSTEM

275-1040 ADAPTER GP-EXHAUST

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1061

i02440875

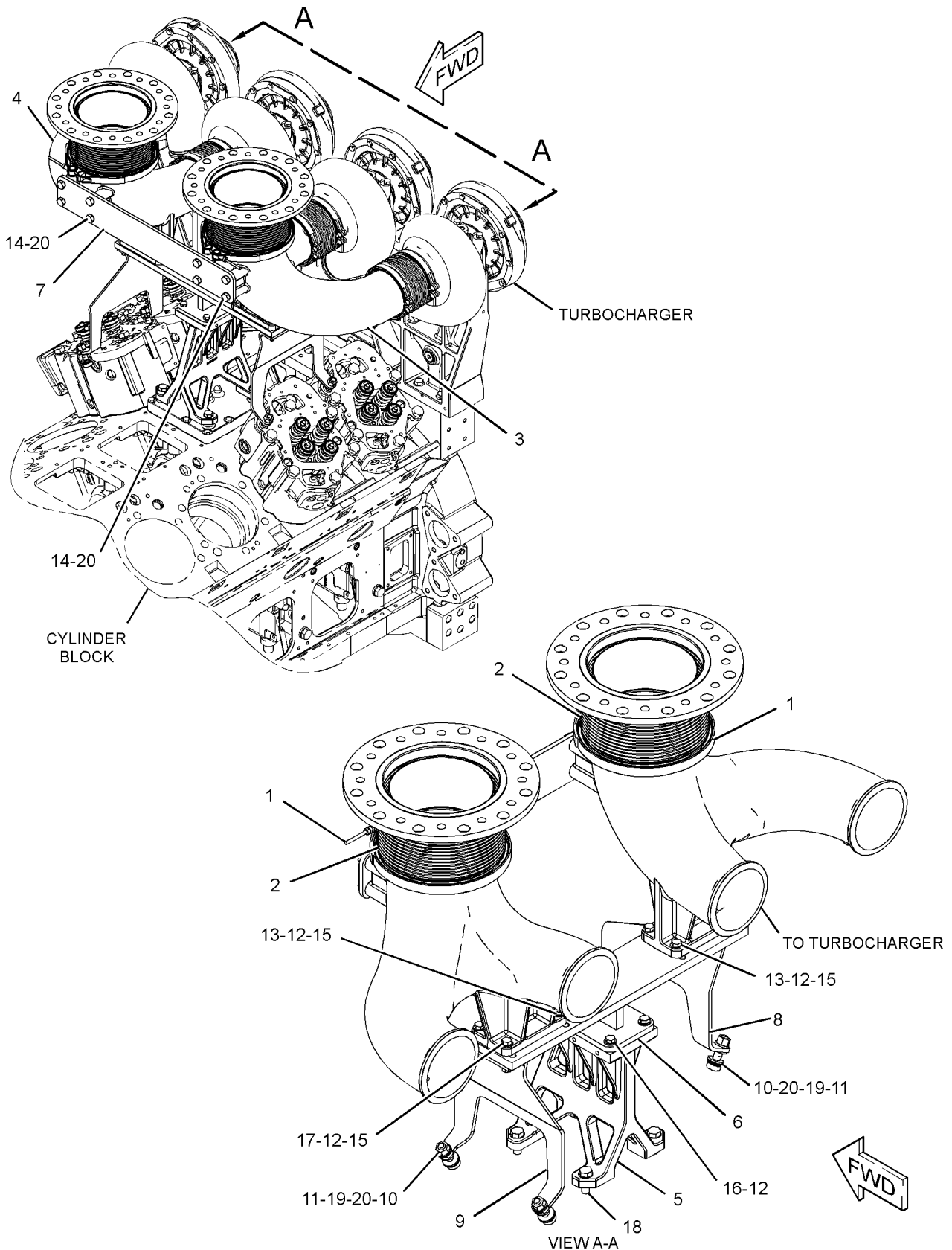
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1W-4161	2	CLAMP						
	2	1	268-9519	2	BELLOWS AS						
	3	1	274-8020	1	ELBOW-EXHAUST (LH)						
	4	1	274-8021	1	ELBOW-EXHAUST (RH)						
	5	1	275-1037	1	SUPPORT						
	6	1	275-1039	1	SUPPORT AS						
	7	1	275-1041	1	BRACKET						
	8	1	278-9713	1	SUPPORT						
	9	1	278-9714	1	SUPPORT						
	10	1	278-9715	4	ADAPTER						
	11	1	228-7107	4	SEAL-O-RING						
	12	1	5P-8245	20	WASHER-HARD (13.5X25.5X3-MM THK)						
M	13	1	6V-3823	4	BOLT (M12X1.75X60-MM)						
M	14	1	6V-5844	8	BOLT (M16X2X35-MM)						
M	15	1	6V-8149	8	NUT (M12X1.75-THD)						
M	16	1	6V-8197	4	BOLT (M12X1.75X40-MM)						
M	17	1	6V-8336	4	BOLT (M12X1.75X70-MM)						
M	18	1	8T-0375	4	BOLT (M16X2X45-MM)						
M	19	1	8T-1757	4	NUT (M16X2-THD)						
	20	1	9X-8268	12	WASHER (17.5X30X3.5-MM THK)						

M-METRIC PART

AIR INLET AND EXHAUST SYSTEM

275-1040 ADAPTER GP-EXHAUST (contd.)

i02440875



GRAPHIC #1

<END>

g01227262

AIR INLET AND EXHAUST SYSTEM

286-4572 AFTERCOOLER GP-WATER

S/N: WYB1-UP
AN ATTACHMENT

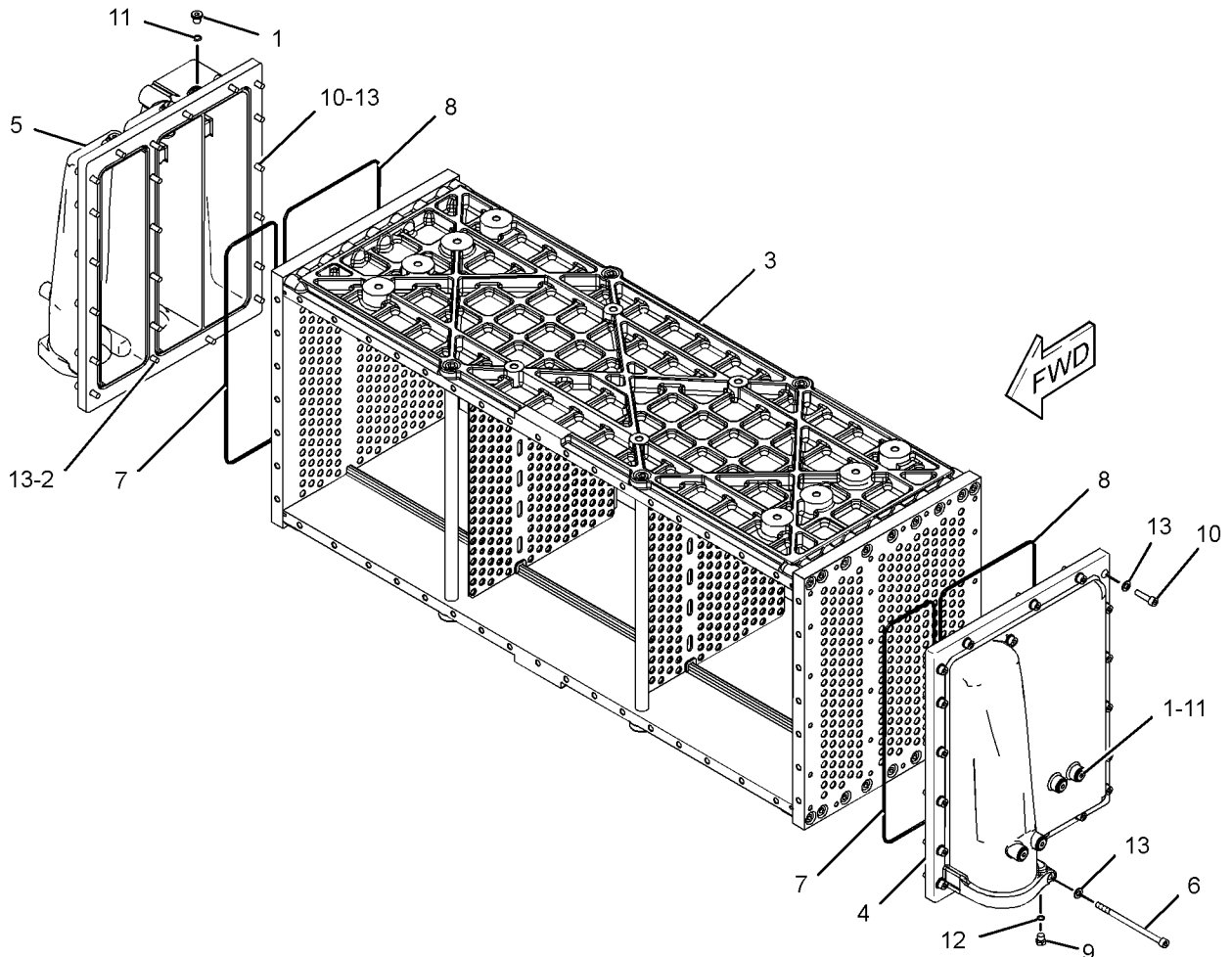
SMCS-1063

i02479804

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	241-6157	14	PLUG						
	2	1	247-1606	1	BOLT-SOCKET HEAD						
Y	3	1	273-1726	1	CORE AS-AFTERCOOLER						187
	4	1	287-8312	1	TANK AS-WATER						
	5	1	287-8313	1	TANK AS-WATER						
M	6	1	132-5790	1	BOLT-SOCKET HEAD (M8X1.25-MM)						
	7	1	255-3531	2	SEAL						
	8	1	255-3532	2	SEAL						
	9	1	3E-7417	2	PLUG						
M	10	1	6V-8337	43	BOLT-SOCKET HEAD (M8X1.25X35-MM)						
	11	1	6V-9028	14	SEAL-O-RING						
	12	1	8T-7876	2	SEAL-O-RING						
	13	1	9M-1974	45	WASHER-HARD (8.8X16X2-MM THK)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01239517

AIR INLET AND EXHAUST SYSTEM

269-3287 AIR CLEANER GP

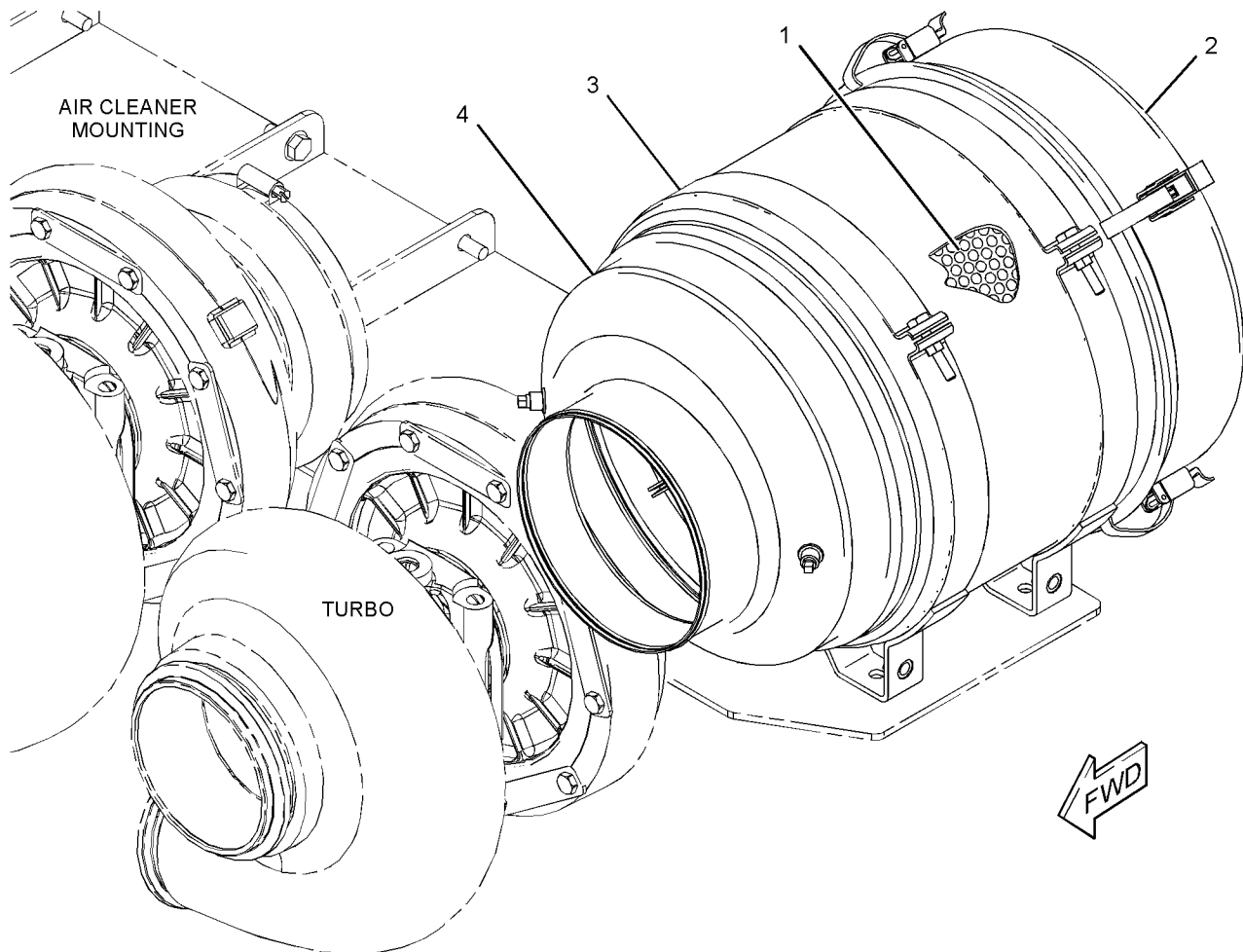
S/N: WYB1-UP

PART OF 282-7911 AIR CLEANER GP
AN ATTACHMENT

SMCS-1051, 1054

i02441565

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	269-7041	1	FILTER ELEMENT AS-AIR (PRIMARY)						
	2	1	269-7044	1	COVER AS-AIR						
	3	1	269-7045	2	BAND AS-MOUNTING						
	4	1	269-7046	1	BODY AS						



GRAPHIC #1

<END>

g01221259

AIR INLET AND EXHAUST SYSTEM

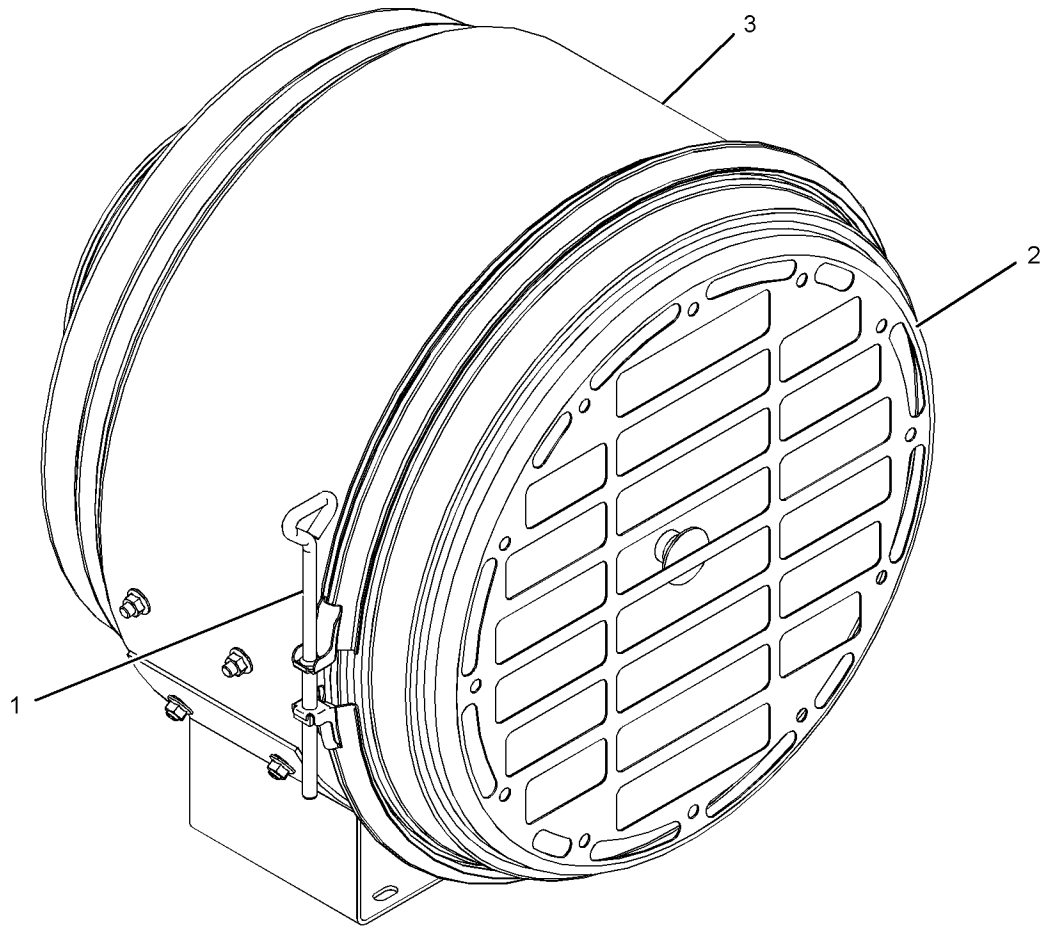
276-5929 AIR CLEANER GP

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1051, 1054

i02440861

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	208-9063	1	CLAMP AS (V-BAND)						
	2	1	208-9064	1	COVER						
	3	1	280-4180	1	FILTER ELEMENT AS-AIR (PRIMARY)						



GRAPHIC #1

<END>

g01221871

AIR INLET AND EXHAUST SYSTEM

281-7244 AIR CLEANER GP

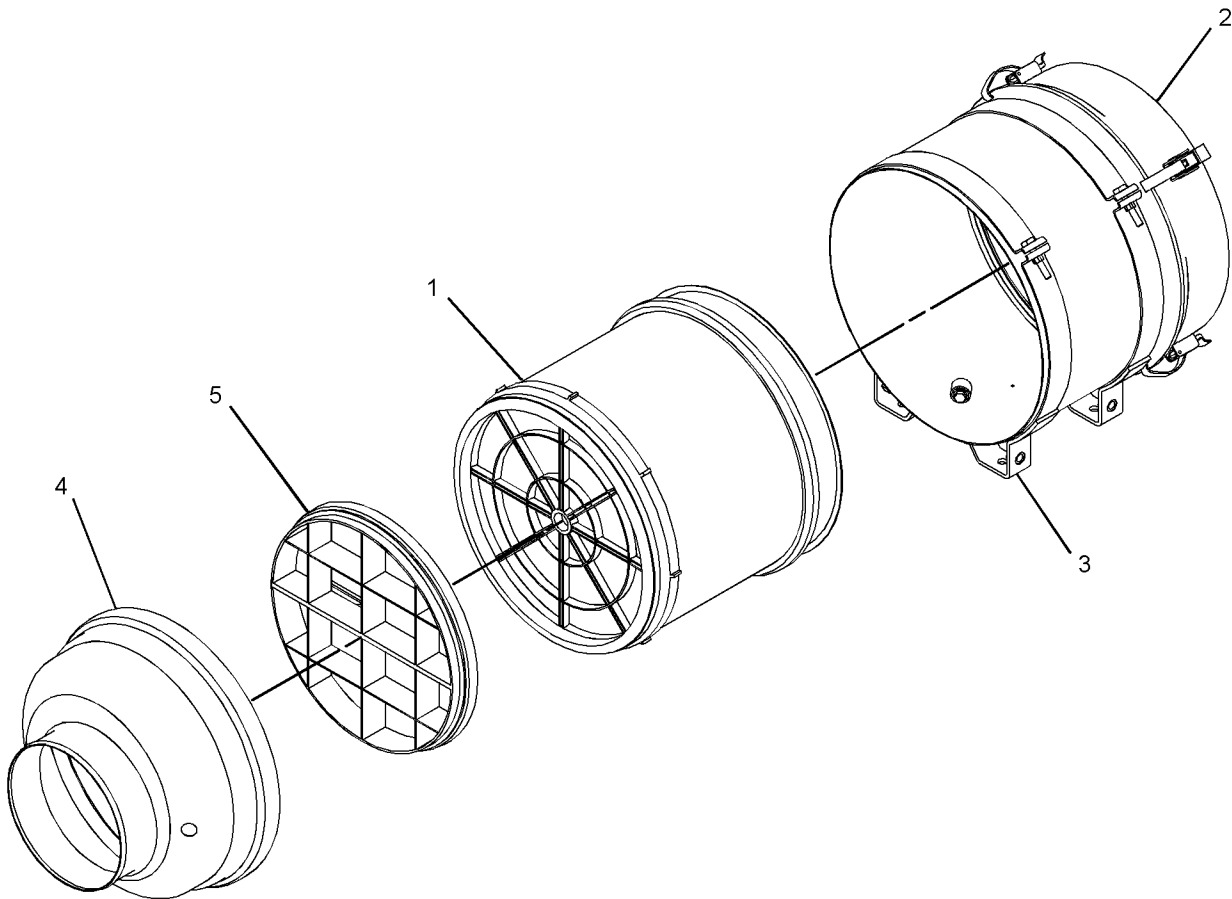
S/N: WYB1-UP

PART OF 282-7912 AIR CLEANER GP
AN ATTACHMENT

SMCS-1051, 1054

i02487154

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	269-7041	1	FILTER ELEMENT AS-AIR (PRIMARY)						
	2	1	269-7044	1	COVER AS-AIR						
	3	1	269-7045	2	BAND AS-MOUNTING						
	4	1	269-7046	1	BODY AS						
	5	1	281-7246	1	FILTER ELEMENT AS-AIR (SECONDARY)						



GRAPHIC #1

<END>

g01242809

AIR INLET AND EXHAUST SYSTEM

282-7911 AIR CLEANER GP

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1051, 1054

i02441557

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-0600	8	CLAMP-HOSE						
	2	1	113-1587	4	HOSE-REDUCER						
Y	3	1	269-3287	4	AIR CLEANER GP						174
	4	1	282-7915	1	SUPPORT AS						
	5	1	5P-8245	22	WASHER-HARD (13.5X25.5X3-MM THK)						
M	6	1	6A-5591	6	BOLT (M12X1.75X25-MM)						
M	7	1	6V-3668	16	BOLT (M12X1.75X30-MM)						

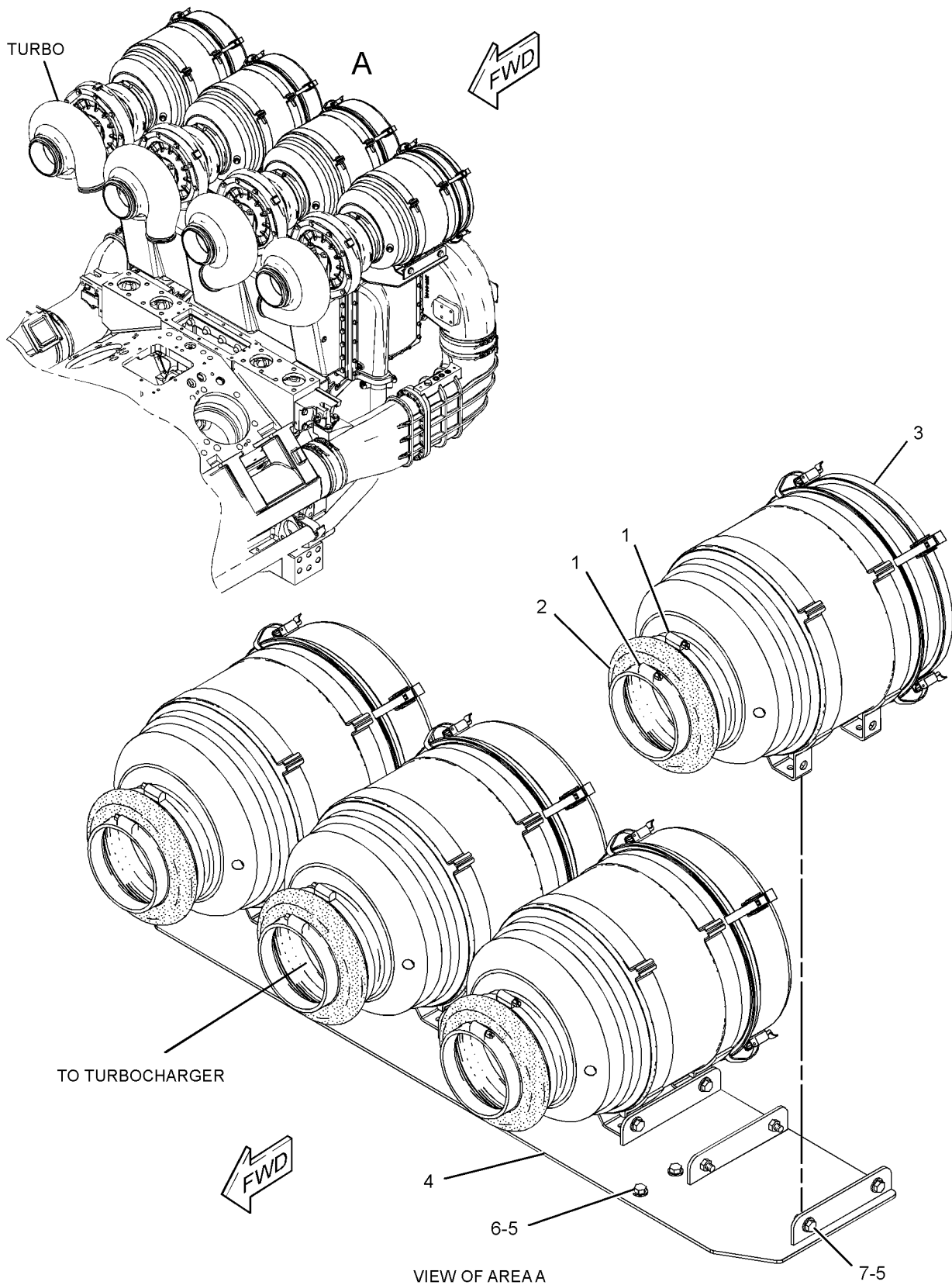
M-METRIC PART

Y-SEPARATE ILLUSTRATION

AIR INLET AND EXHAUST SYSTEM

282-7911 AIR CLEANER GP (contd.)

i02441557



GRAPHIC #1

<END>

g01220927

AIR INLET AND EXHAUST SYSTEM

282-7912 AIR CLEANER GP

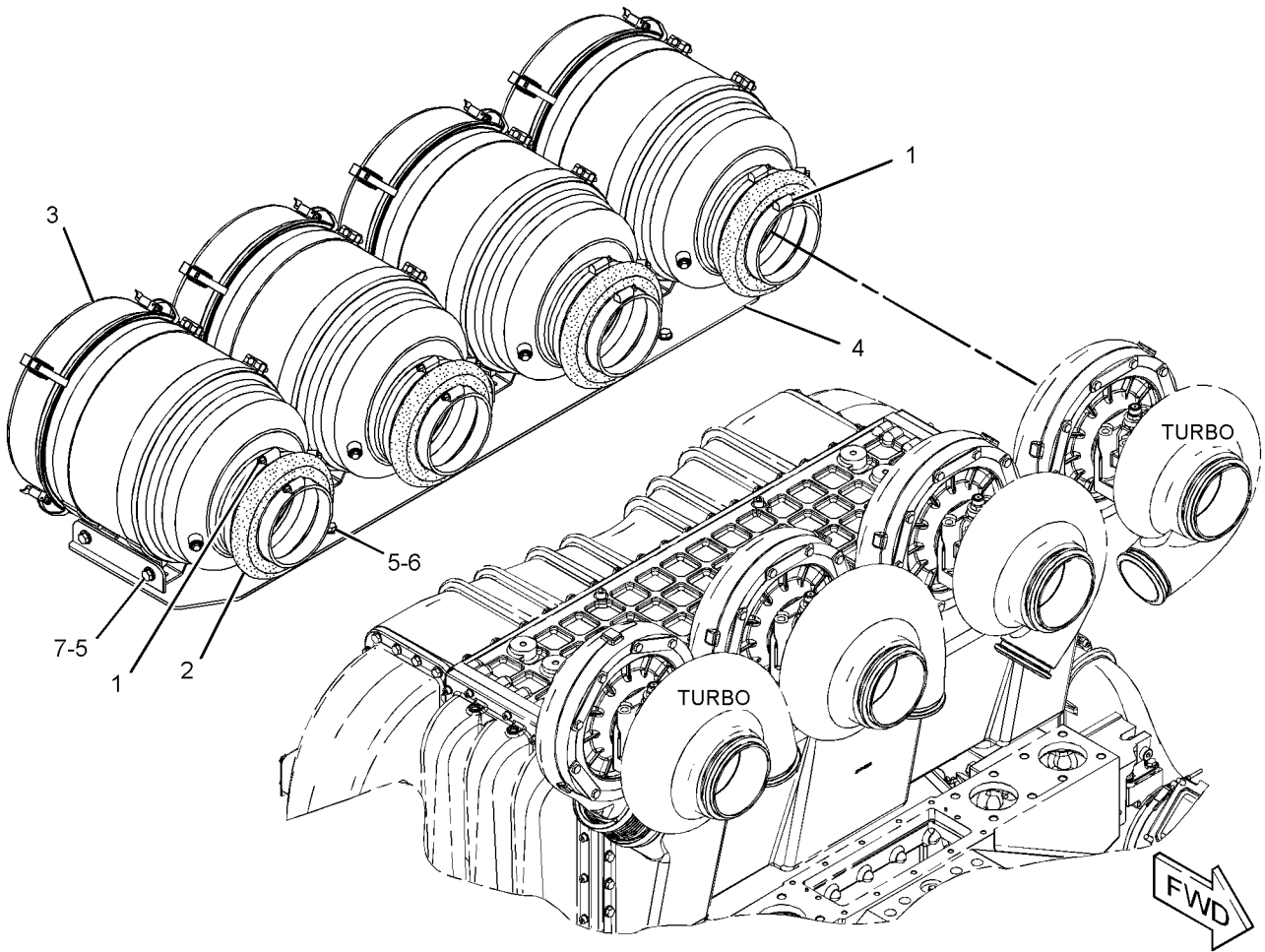
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1051, 1054

i02479805

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-0600	8	CLAMP-HOSE						
	2	1	113-1587	4	HOSE-REDUCER						
Y	3	1	281-7244	4	AIR CLEANER GP						176
	4	1	282-7915	1	SUPPORT AS						
	5	1	5P-8245	22	WASHER-HARD (13.5X25.5X3-MM THK)						
M	6	1	6A-5591	6	BOLT (M12X1.75X25-MM)						
M	7	1	6V-3668	16	BOLT (M12X1.75X30-MM)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01242911

AIR INLET AND EXHAUST SYSTEM

284-1063 AIR CLEANER GP

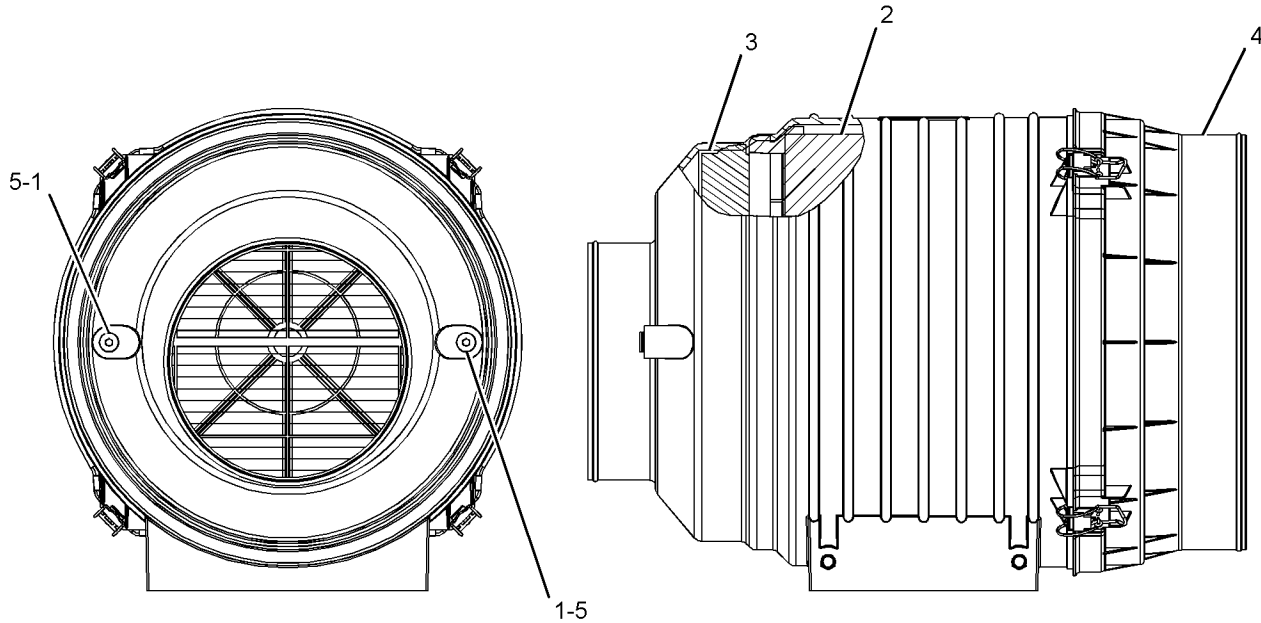
S/N: WYB1-UP

PART OF 288-8380 AIR CLEANER GP
AN ATTACHMENT

SMCS-1051, 1054

i02500282

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	241-6157	2	PLUG						
	2	1	269-7041	1	FILTER ELEMENT AS-AIR (PRIMARY)						
	3	1	281-7246	1	FILTER ELEMENT AS-AIR (SECONDARY)						
	4	1	284-1064	1	COVER AS-AIR CLEANER						
	5	1	6V-9028	2	SEAL-O-RING						



GRAPHIC #1

<END>

g01251800

AIR INLET AND EXHAUST SYSTEM

284-1478 AIR CLEANER GP

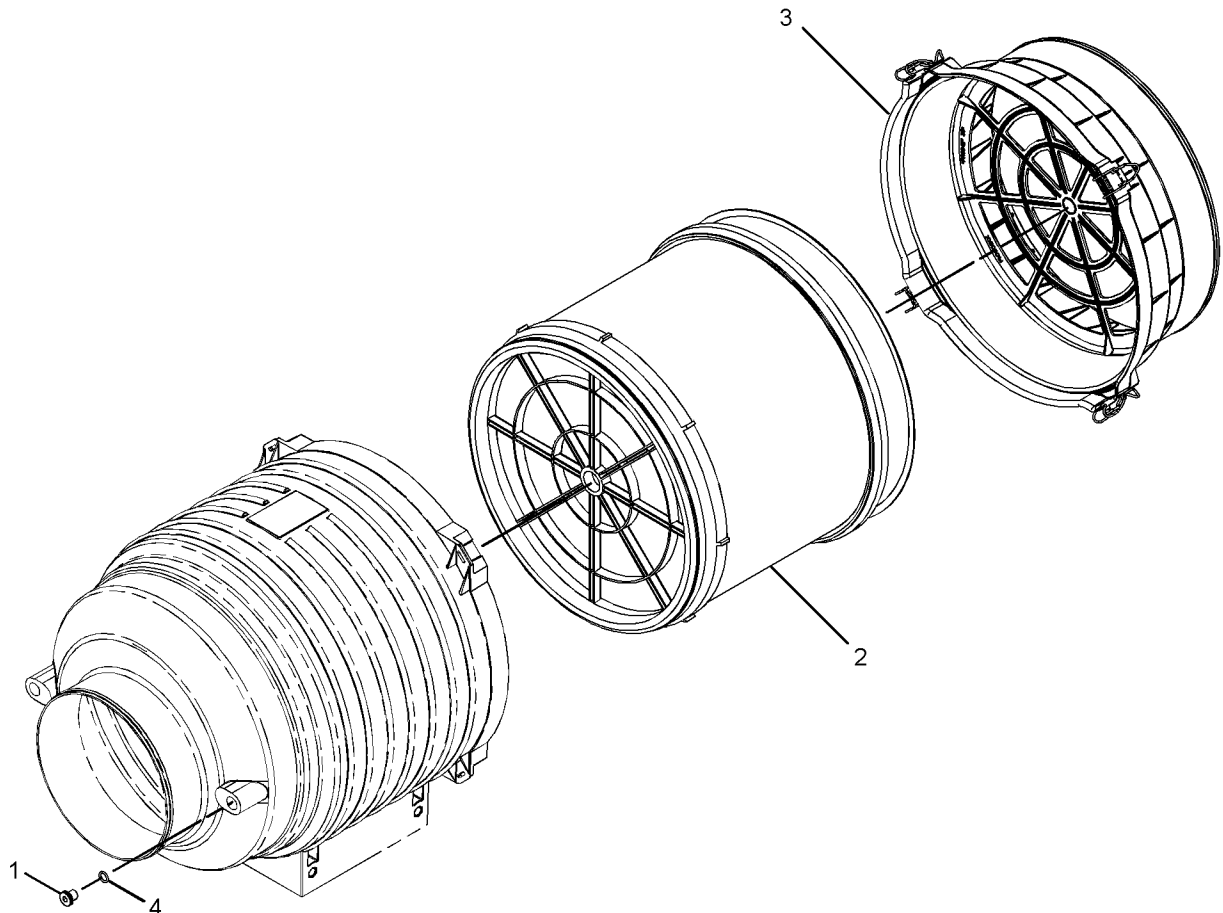
S/N: WYB1-UP

PART OF 288-8379 AIR CLEANER GP
AN ATTACHMENT

SMCS-1051, 1054

i02502988

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	241-6157	2	PLUG						
	2	1	269-7041	1	FILTER ELEMENT AS-AIR (PRIMARY)						
	3	1	284-1064	1	COVER AS-AIR CLEANER						
	4	1	6V-9028	2	SEAL-O-RING						



GRAPHIC #1

<END>

g01252560

AIR INLET AND EXHAUST SYSTEM

288-8379 AIR CLEANER GP

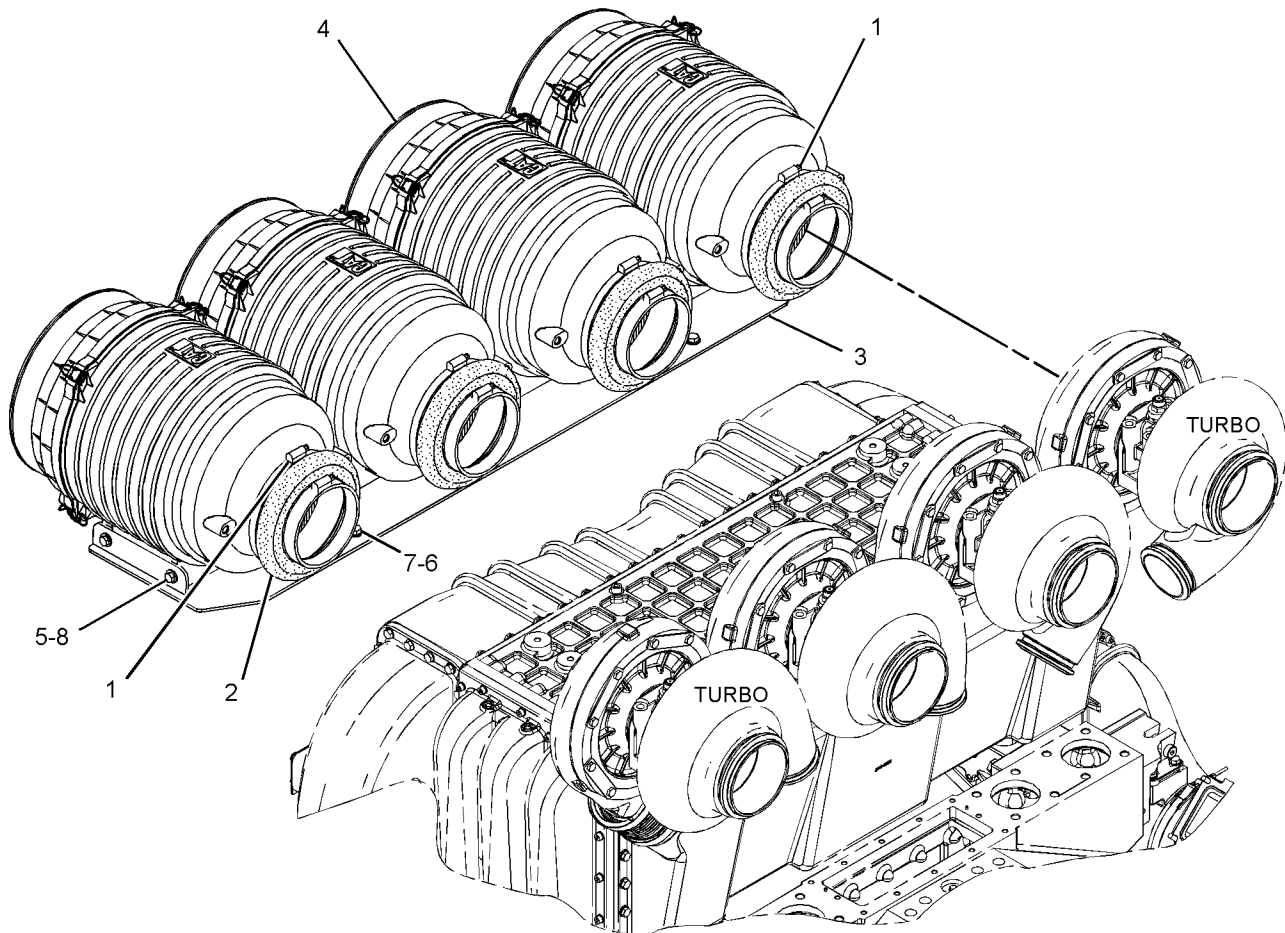
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1051, 1054

i02495810

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-0600	8	CLAMP-HOSE						
	2	1	113-1587	4	HOSE-REDUCER						
	3	1	282-7915	1	SUPPORT AS						
Y	4	1	284-1478	4	AIR CLEANER GP						181
	5	1	3E-4353	16	WASHER-HARD (11X25X3-MM THK)						
	6	1	5P-8245	6	WASHER-HARD (13.5X25.5X3-MM THK)						
M	7	1	6A-5591	6	BOLT (M12X1.75X25-MM)						
M	8	1	6V-4248	16	BOLT (M10X1.5X25-MM)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01249396

AIR INLET AND EXHAUST SYSTEM

288-8380 AIR CLEANER GP

S/N: WYB1-UP
AN ATTACHMENT

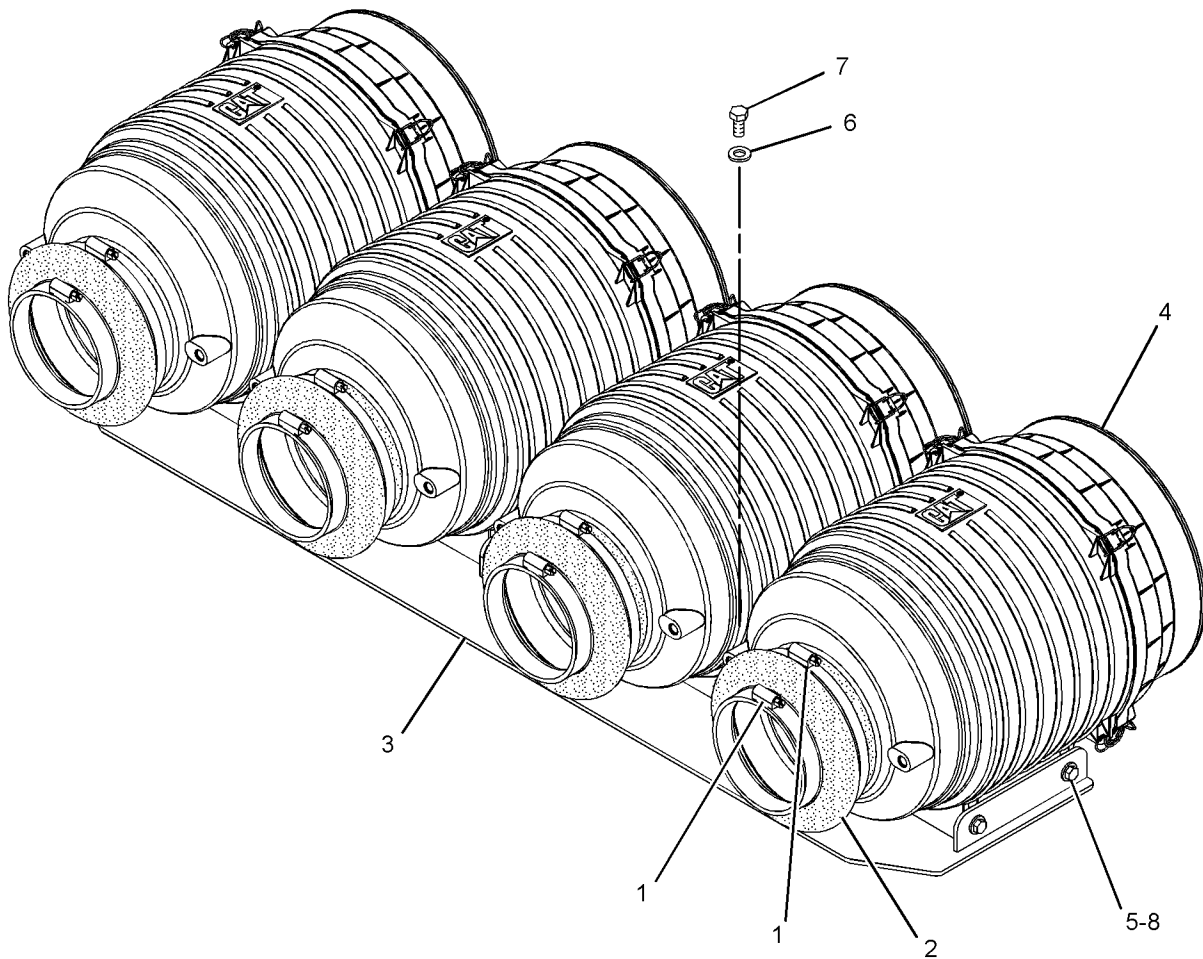
SMCS-1051, 1054

i02495815

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-0600	8	CLAMP-HOSE						
	2	1	113-1587	4	HOSE-REDUCER						
	3	1	282-7915	1	SUPPORT AS						
Y	4	1	284-1063	4	AIR CLEANER GP						180
	5	1	3E-4353	16	WASHER-HARD (11X25X3-MM THK)						
	6	1	5P-8245	6	WASHER-HARD (13.5X25.5X3-MM THK)						
M	7	1	6A-5591	6	BOLT (M12X1.75X25-MM)						
M	8	1	6V-4248	16	BOLT (M10X1.5X25-MM)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01249961

AIR INLET AND EXHAUST SYSTEM

241-5848 CORE AS-AFTERCOOLER

S/N: WYB1-UP

PART OF 255-4423 LINES GP-WATER
AN ATTACHMENT

SMCS-1063, 1064

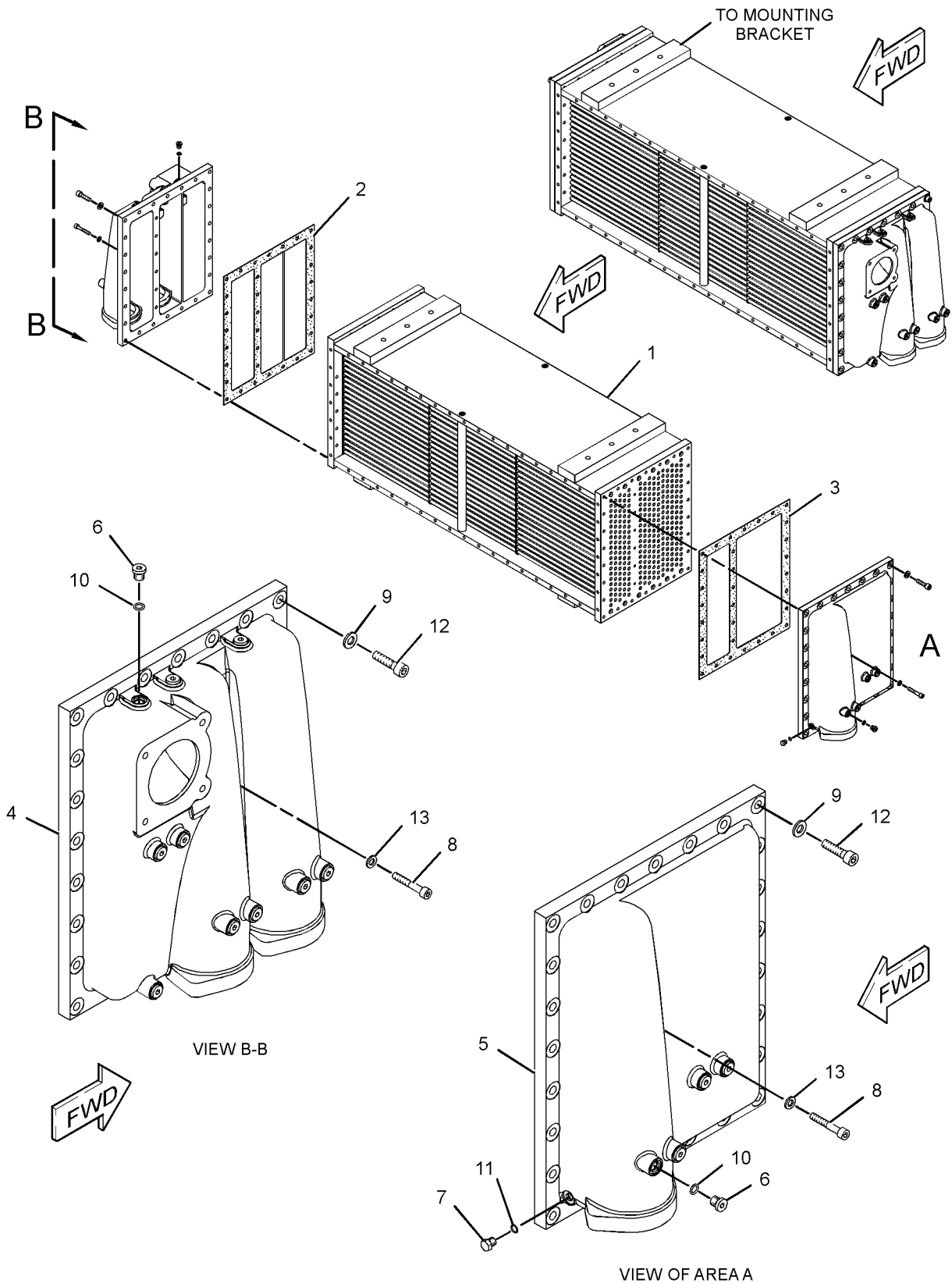
i02445733

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	250-1964	1	CORE AS-AFTERCOOLER	
	2	1	250-3471	1	GASKET	
	3	1	250-3472	1	GASKET	
	4	1	250-3473	1	HOUSING	
	5	1	250-3481	1	HOUSING	
	6	1	241-6157	14	PLUG	
	7	1	3E-7417	2	PLUG	
M	8	1	3E-8025	12	BOLT-SOCKET HEAD (M8X1.25X50-MM)	
	9	1	6V-5839	52	WASHER (11X21X2.5-MM THK)	
	10	1	6V-9028	14	SEAL-O-RING	
	11	1	8T-7876	2	SEAL-O-RING	
M	12	1	8T-9515	52	BOLT-SOCKET HEAD (M10X1.5X40-MM)	
	13	1	9M-1974	12	WASHER-HARD (8.8X16X2-MM THK)	
M-METRIC PART						

AIR INLET AND EXHAUST SYSTEM

241-5848 CORE AS-AFTERCOLER (contd.)

i02445733



GRAPHIC #1

<END>

g01222158

AIR INLET AND EXHAUST SYSTEM

270-2633 CORE AS-AFTERCOOLER

S/N: WYB1-UP

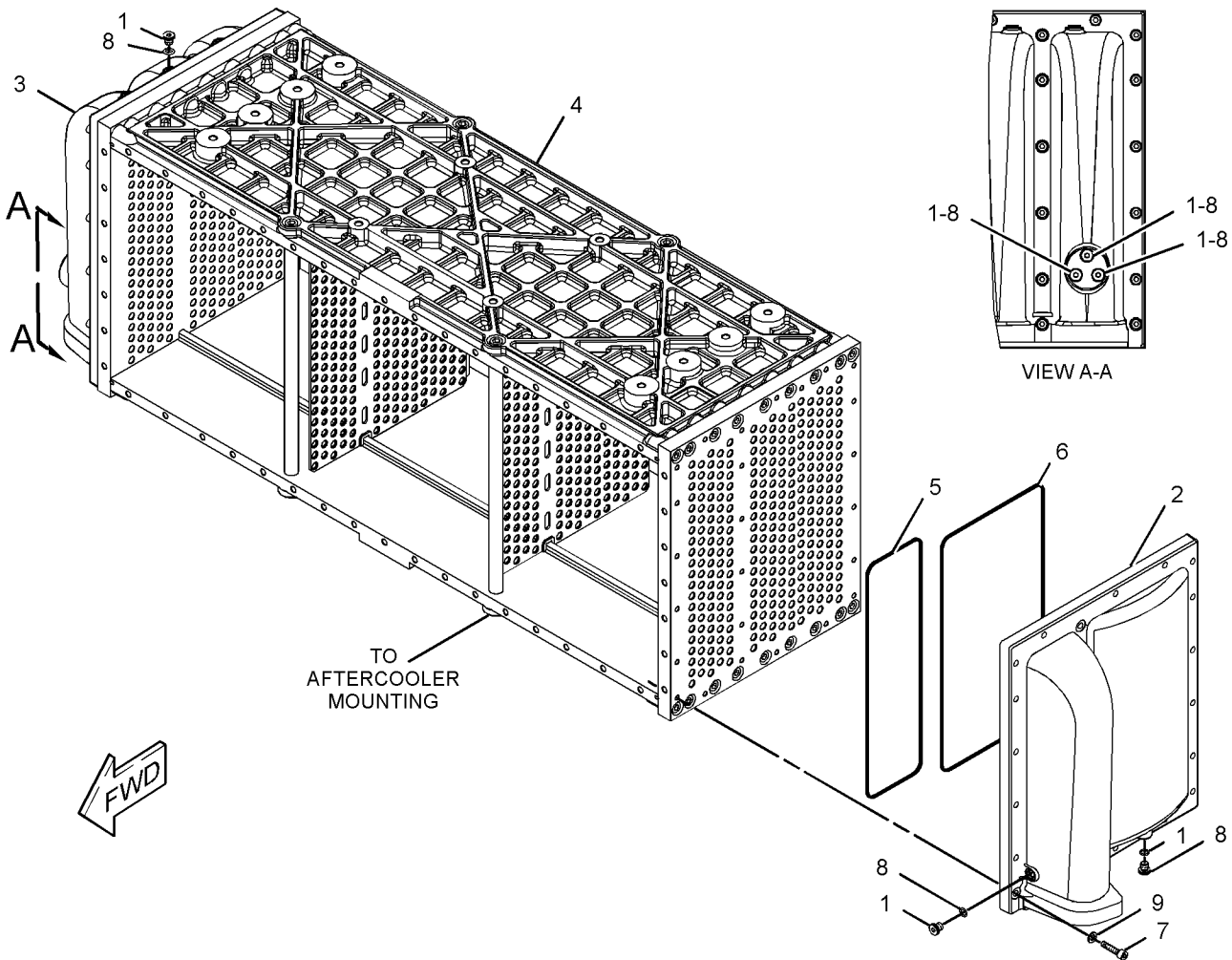
PART OF 264-3123 LINES GP-WATER
AN ATTACHMENT

SMCS-1063, 1064

i02441234

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	241-6157	8	PLUG						
	2	1	270-2634	1	HOUSING						
	3	1	270-2635	1	HOUSING						
Y	4	1	273-1726	1	CORE AS-AFTERCOOLER						187
	5	1	255-3531	2	SEAL						
	6	1	255-3532	2	SEAL						
M	7	1	6V-8837	45	BOLT (M6X1X16-MM)						
	8	1	6V-9028	8	SEAL-O-RING						
	9	1	9M-1974	45	WASHER-HARD (8.8X16X2-MM THK)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01222199

AIR INLET AND EXHAUST SYSTEM

273-1726 CORE AS-AFTERCOOLER

S/N: WYB1-UP

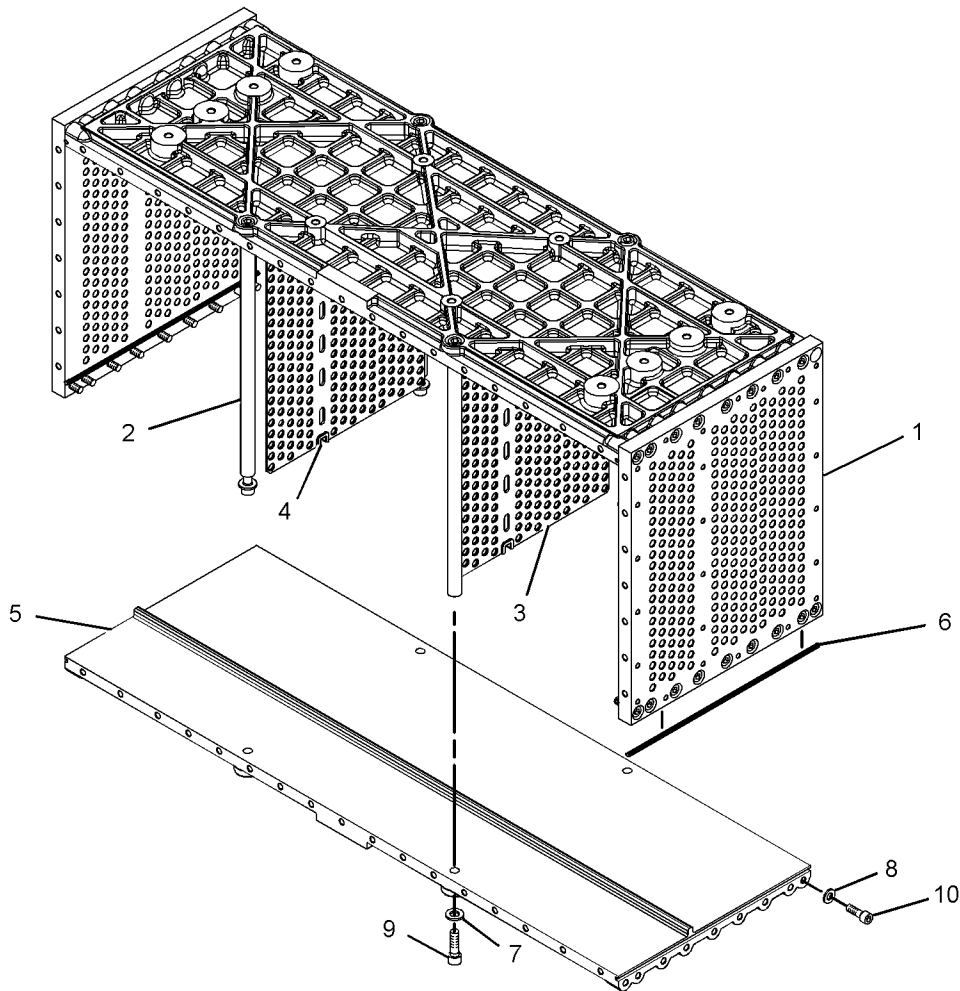
PART OF 286-4572 AFTERCOOLER GP-WATER, 270-2633 CORE AS-AFTERCOOLER
AN ATTACHMENT

SMCS-1063, 1064

i02459808

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	266-7059	2	PLATE-END						
	2	1	266-7060	4	ROD						
	3	1	266-7063	2	PLATE-SPACER						
	4	1	266-7065	4	ISOLATOR						
	5	1	273-1727	2	PLATE						
	6	1	273-5697	4	SEAL						
	7	1	5P-8245	8	WASHER-HARD (13.5X25.5X3-MM THK)						
	8	1	6V-5839	36	WASHER (11X21X2.5-MM THK)						
M	9	1	8T-0273	8	BOLT-SOCKET HEAD (M12X1.75X40-MM)						
M	10	1	9X-6032	36	BOLT-SOCKET HEAD (M10X1.5X30-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01228543

AIR INLET AND EXHAUST SYSTEM

245-4875 FITTING GP-EXHAUST

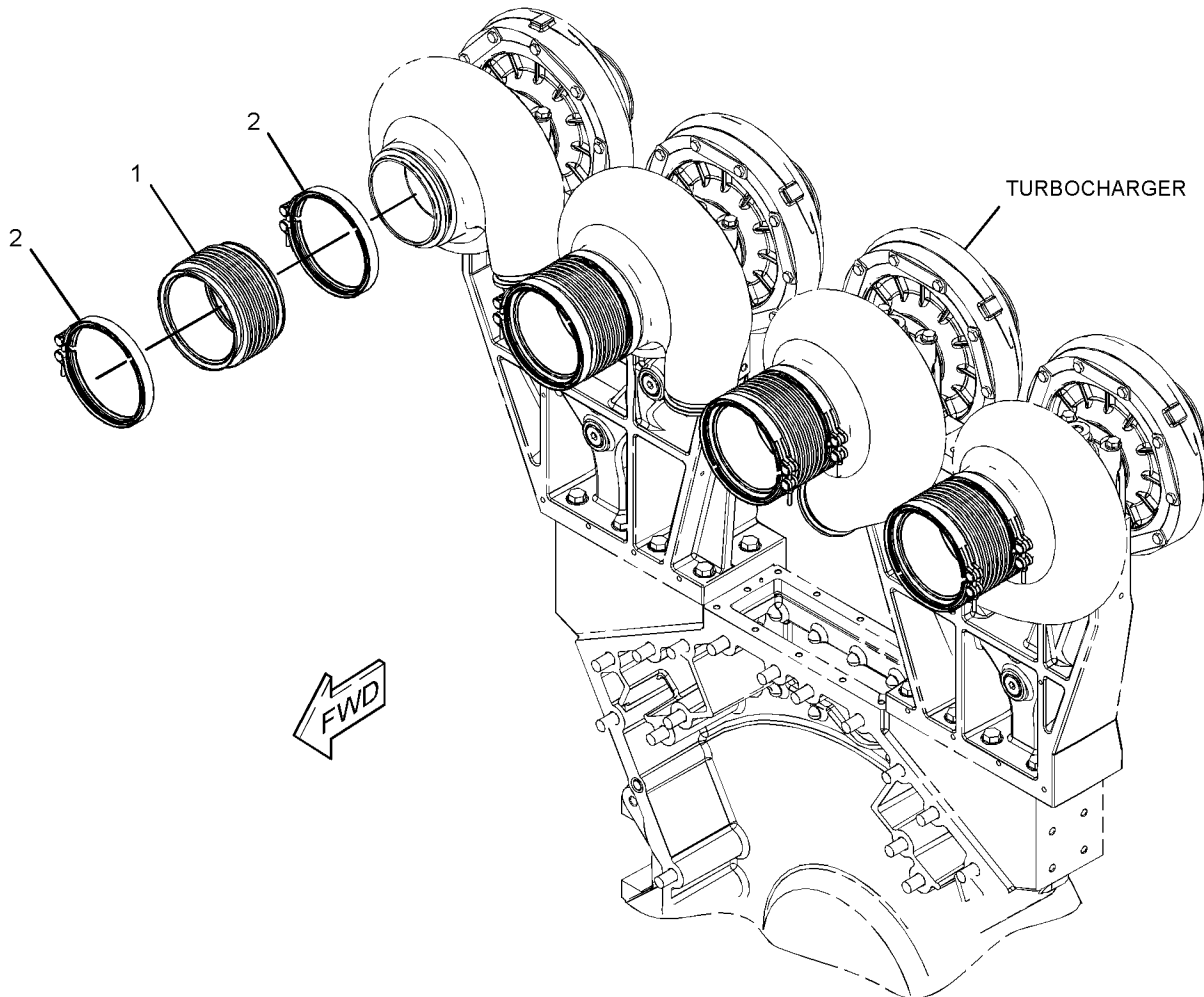
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1061

i02402837

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	247-3379	4	BELLOWS						
	2	1	247-3393	8	CLAMP AS						
					(EACH INCLUDES)						
M		1	6V-7743	1	LOCKNUT (M6X1-THD)						

M-METRIC PART



GRAPHIC #1

<END>

g01220734

AIR INLET AND EXHAUST SYSTEM

269-2551 FITTING GP-EXHAUST

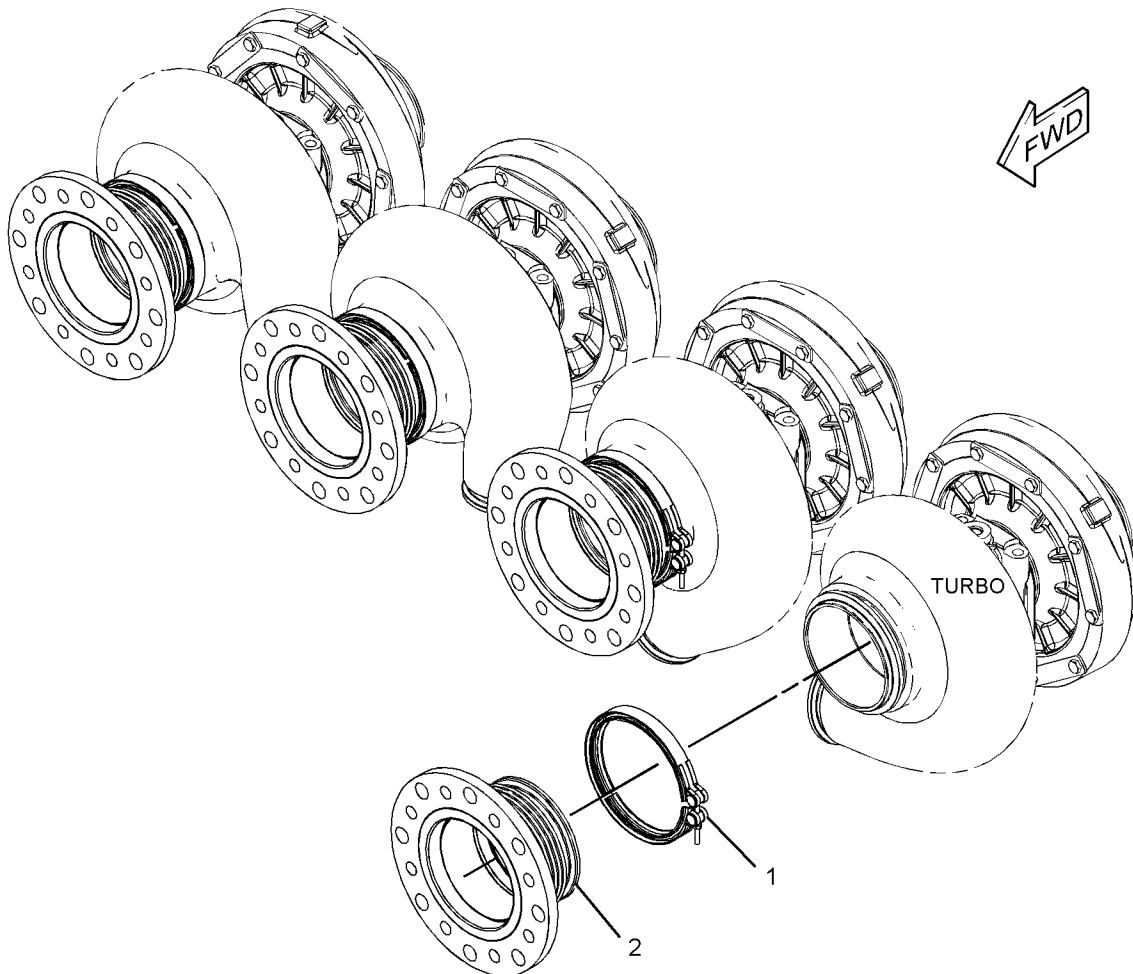
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1061

i02444520

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	247-3393	4	CLAMP AS						
					(EACH INCLUDES)						
M		1	6V-7743	1	LOCKNUT (M6X1-THD)						
	2	1	268-5793	4	BELLOWS AS						

M-METRIC PART



GRAPHIC #1

<END>

g01224642

AIR INLET AND EXHAUST SYSTEM

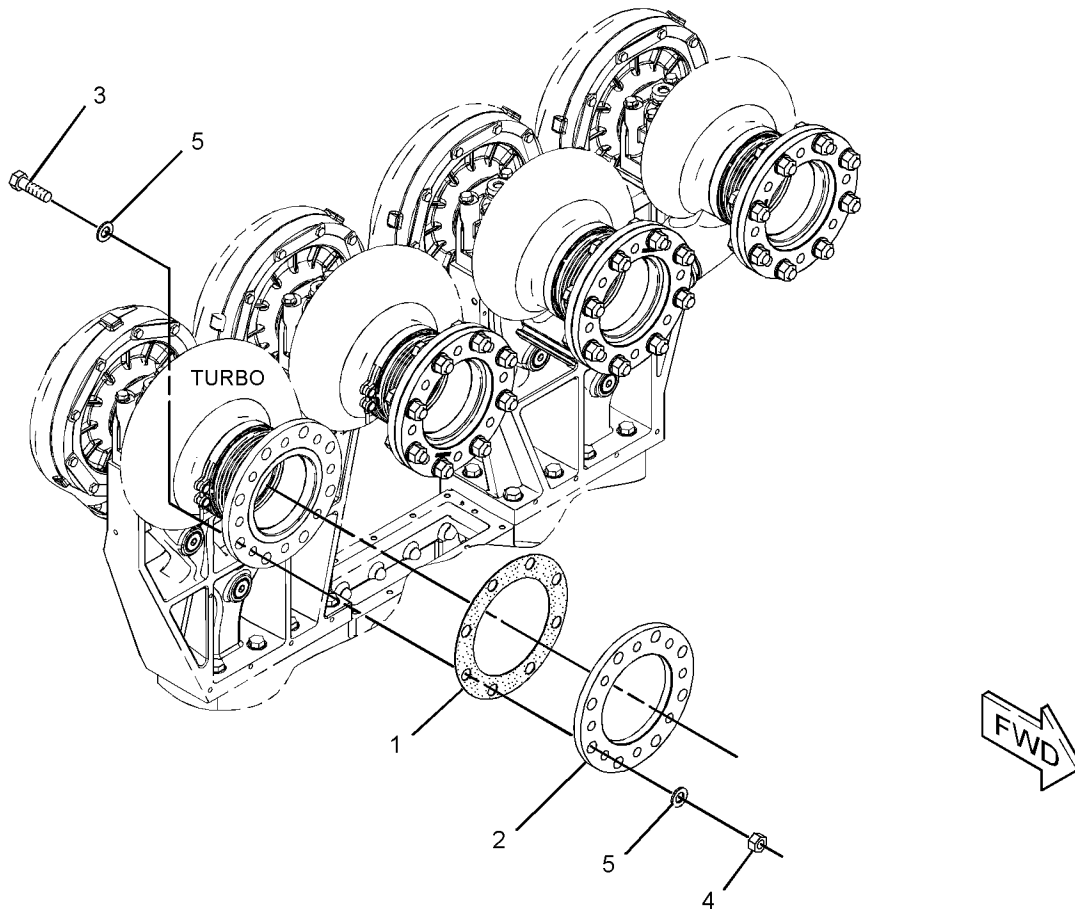
279-0545 FLANGE GP-EXHAUST

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1061

i02440737

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	269-2566	4	GASKET - EXHAUST						
	2	1	279-0544	4	FLANGE						
	3	1	1A-8063	32	BOLT (3/4-10X2.5-IN)						
	4	1	2J-3506	32	NUT - FULL (3/4-10-THD)						
	5	1	5P-8248	64	WASHER - HARD (20X36.5X3.5-MM THK)						



GRAPHIC #1

<END>

g01224423

AIR INLET AND EXHAUST SYSTEM

279-0546 FLANGE GP-EXHAUST

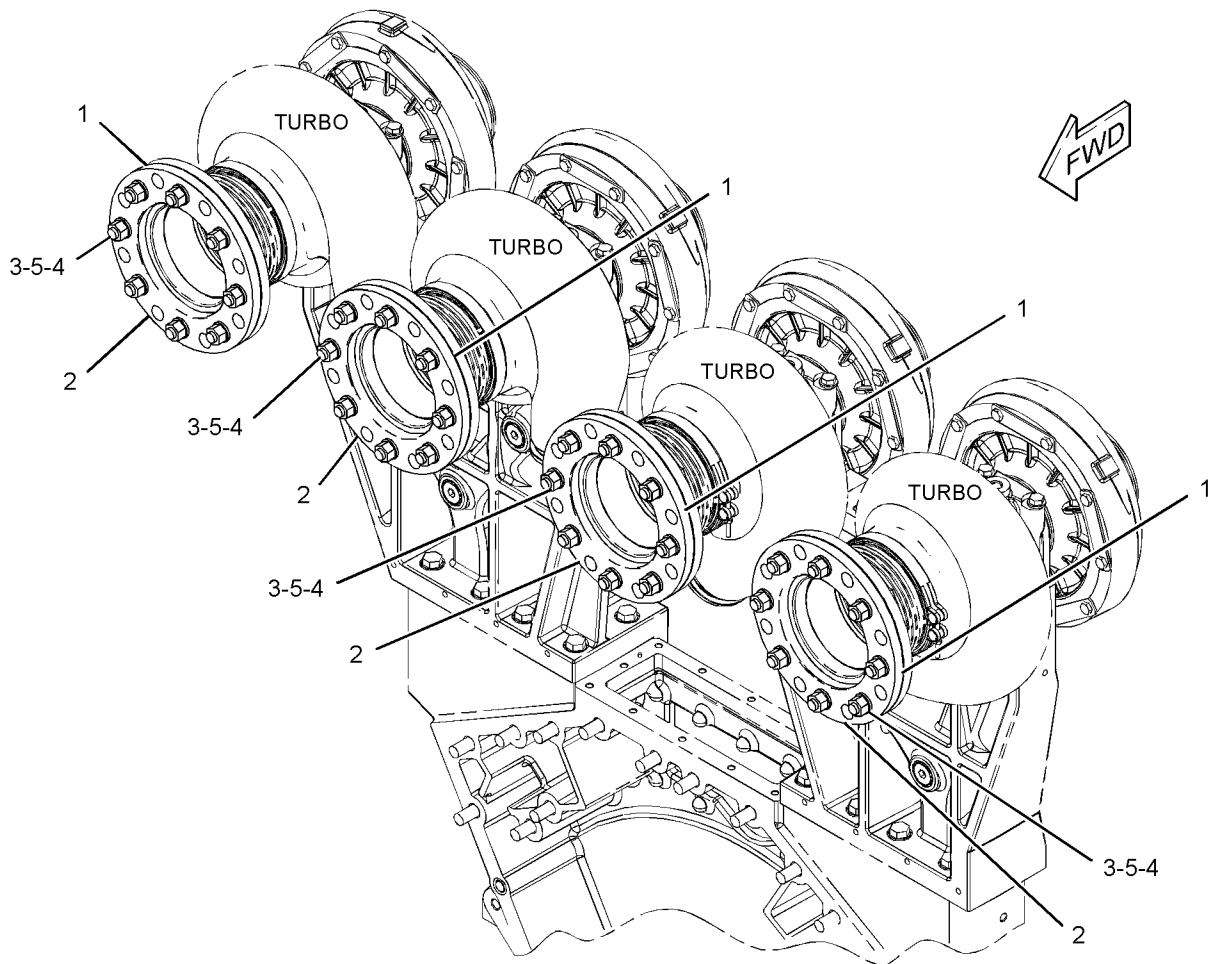
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1061

i02440733

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	269-2567	4	GASKET - EXHAUST						
	2	1	279-0544	4	FLANGE						
M	3	1	6V-3303	32	BOLT (M16X2X60-MM)						
M	4	1	8T-1757	32	NUT (M16X2-THD)						
	5	1	9X-8268	64	WASHER (17.5X30X3.5-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01224151

AIR INLET AND EXHAUST SYSTEM

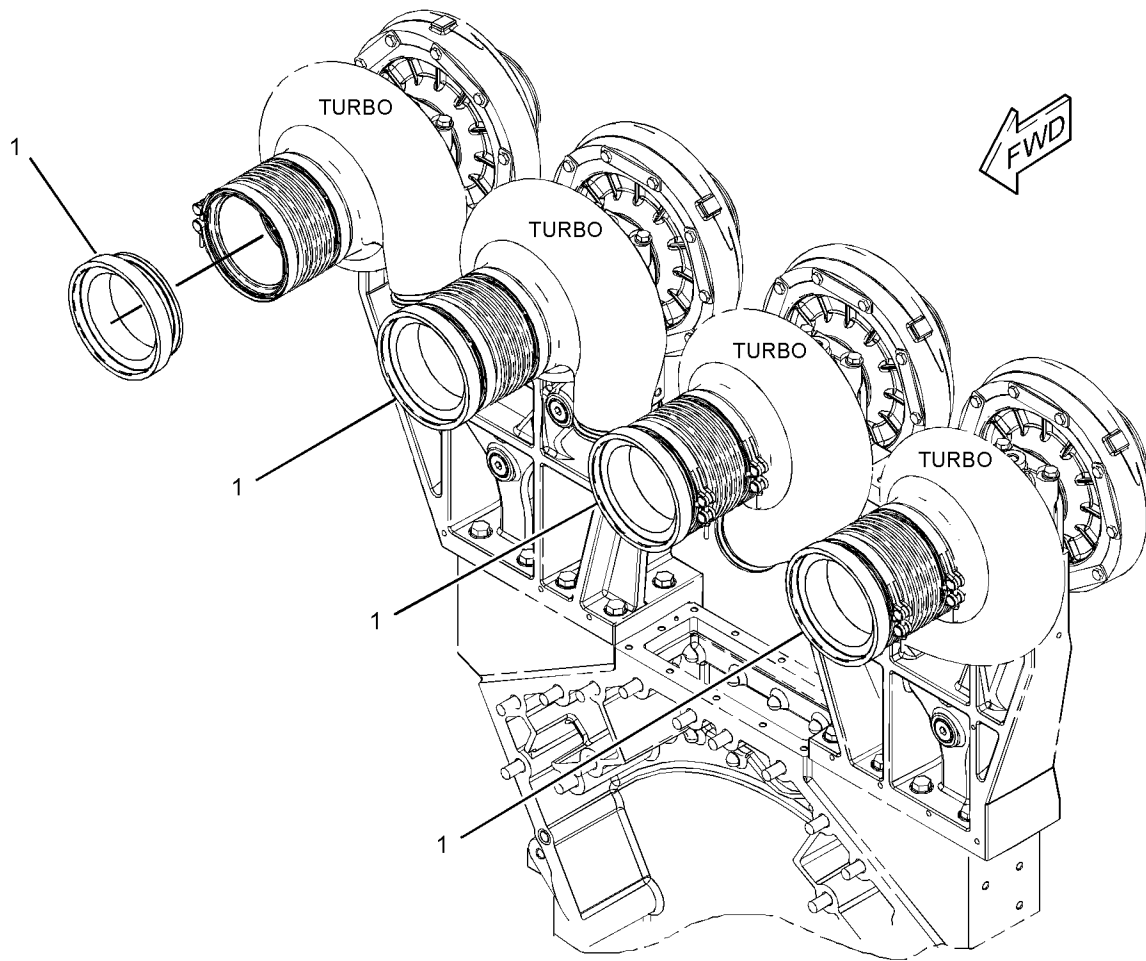
280-3980 FLANGE GP-EXHAUST

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1061

i02440725

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	279-0547	4	FLANGE						



GRAPHIC #1

<END>

g01224175

AIR INLET AND EXHAUST SYSTEM

255-4450 LINES GP-AIR

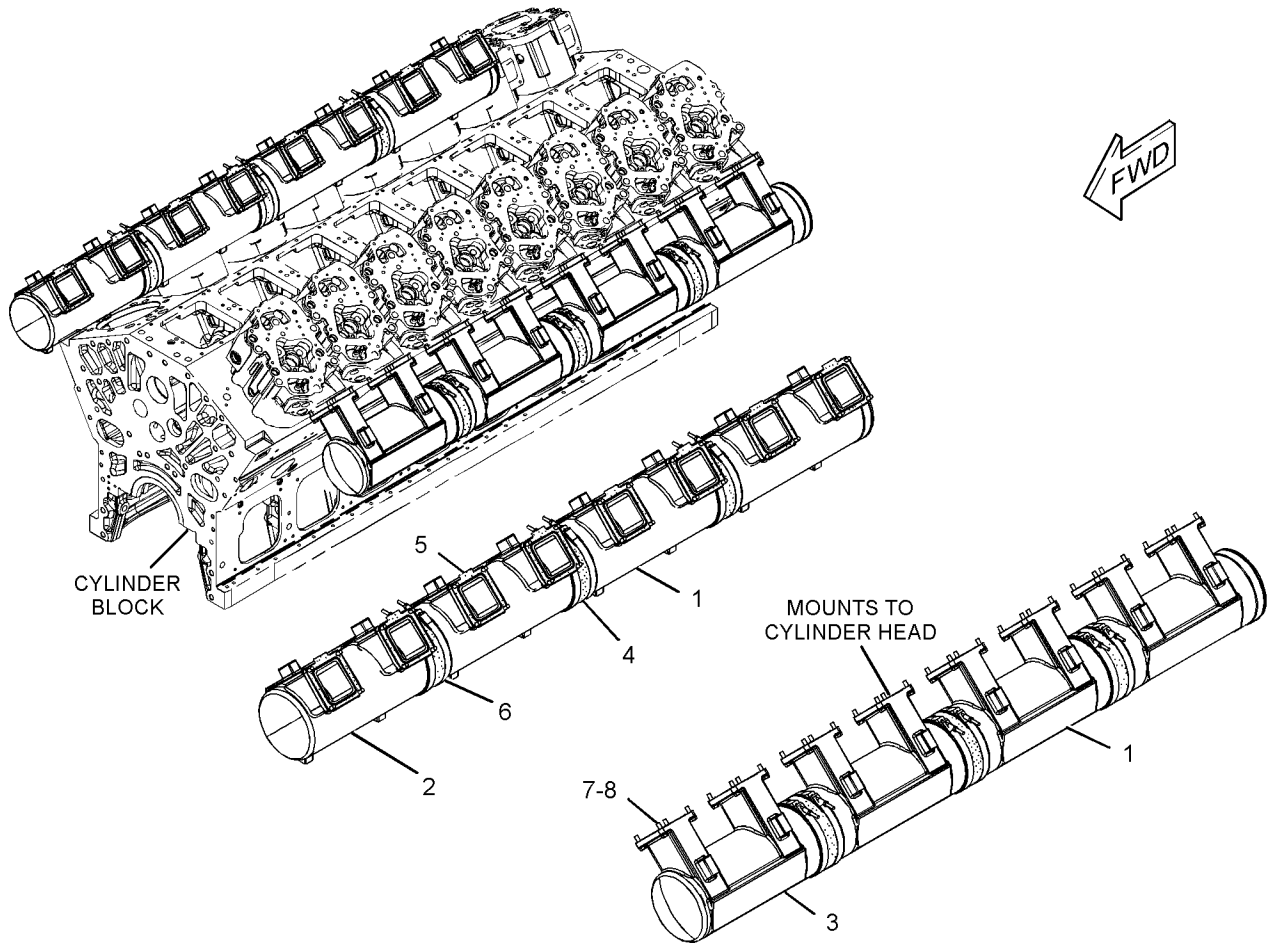
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1071

i02444425

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	251-5517	6	MANIFOLD						
	2	1	255-4441	1	MANIFOLD						
	3	1	255-4442	1	MANIFOLD						
	4	1	255-4449	6	HOSE						
	5	1	258-9926	16	GASKET						
	6	1	273-1216	12	CLAMP						
M	7	1	6V-3822	64	BOLT (M10X1.5X35-MM)						
	8	1	6V-5839	64	WASHER (11X21X2.5-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01222670

AIR INLET AND EXHAUST SYSTEM

274-7710 LINES GP-AIR-AFTERCOOLER

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1071

i02440885

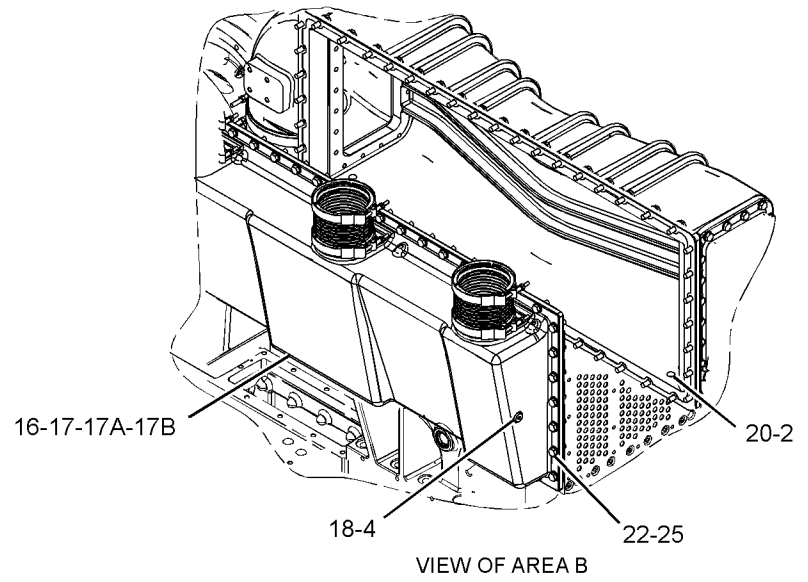
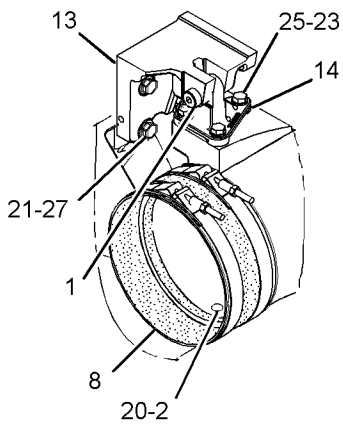
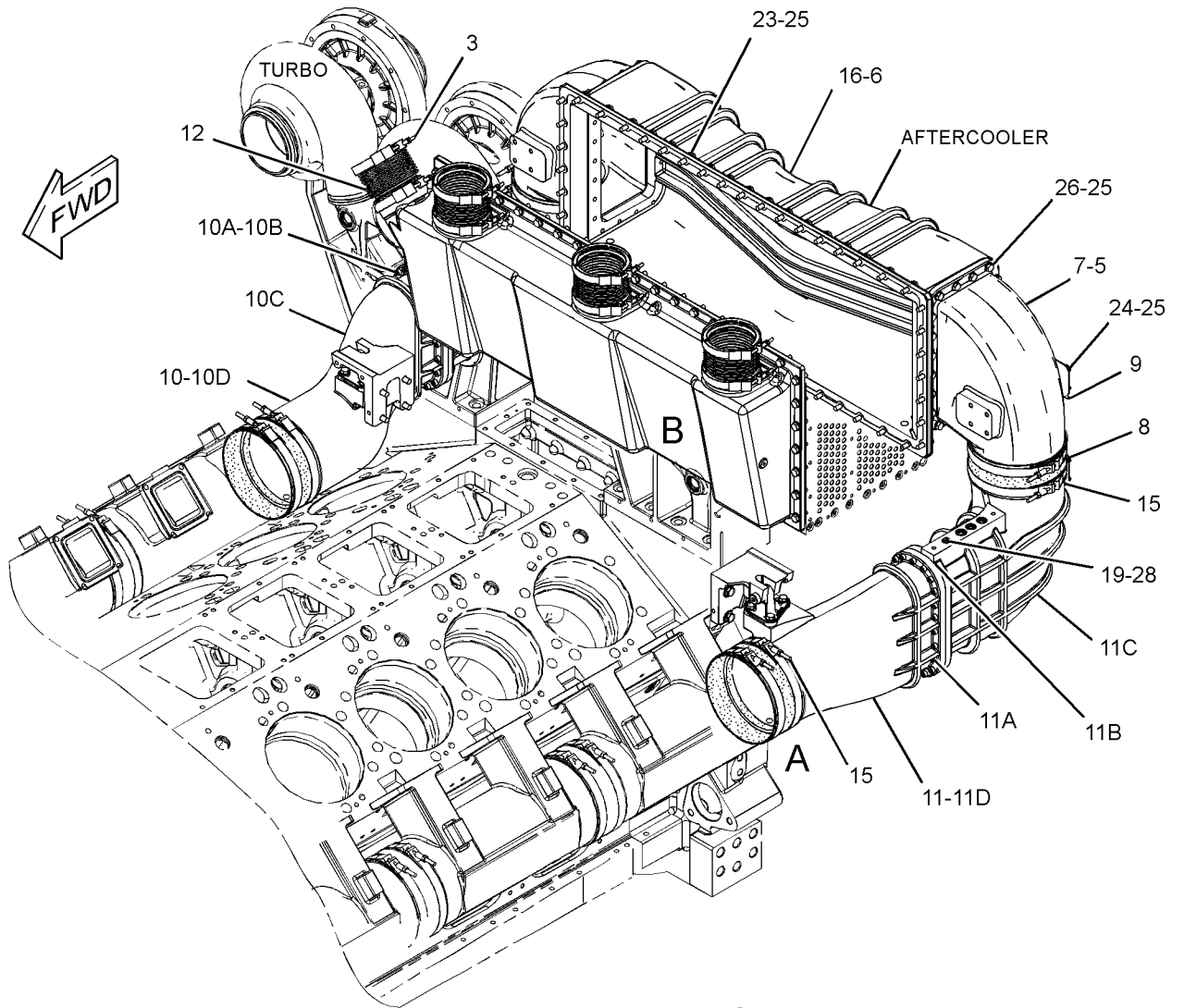
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	174-6945	2	BOLT-SHOULDER (M12X1.75X18-MM)						
	2	1	216-0881	6	SEAL-O-RING						
	3	1	239-6808	8	CLAMP						
	4	1	241-6170	1	PLUG						
	5	1	245-9907	2	GASKET-ELBOW						
	6	1	253-6989	1	HOUSING						
	7	1	255-4446	2	ELBOW						
	8	1	255-4449	4	HOSE						
	9	1	258-9932	2	STRAP						
	10	1	262-1116	1	ELBOW AS						
M	10A	1	6V-8337	22	BOLT-SOCKET HEAD (M8X1.25X35-MM)						
	10B	1	099-3047	2	DOWEL						
	10C	1	262-1118	1	ELBOW						
	10D	1	262-1120	1	ELBOW						
	11	1	262-1117	1	ELBOW AS						
M	11A	1	6V-8337	22	BOLT-SOCKET HEAD (M8X1.25X35-MM)						
	11B	1	099-3047	2	DOWEL						
	11C	1	262-1119	1	ELBOW						
	11D	1	262-1121	1	ELBOW						
	12	1	264-3088	4	BELLOWS						
	13	1	269-0555	2	BRACKET						
	14	1	269-0556	2	SUPPORT						
	15	1	273-1216	8	CLAMP						
	16	1	274-7689	2	GASKET						
	17	1	274-7690	1	MANIFOLD AS-INLET						
	17A	1	6V-5839	18	WASHER (11X21X2.5-MM THK)						
M	17B	1	6V-6317	18	BOLT (M10X1.5X20-MM)						
	18	1	228-7101	1	SEAL-O-RING						
	19	1	260-9153	2	PLUG						
	20	1	3E-2331	6	PLUG						
	21	1	5P-8245	8	WASHER-HARD (13.5X25.5X3-MM THK)						
M	22	1	6V-1820	48	BOLT (M10X1.5X30-MM)						
M	23	1	6V-3822	54	BOLT (M10X1.5X35-MM)						
M	24	1	6V-4248	16	BOLT (M10X1.5X25-MM)						
	25	1	6V-5839	158	WASHER (11X21X2.5-MM THK)						
M	26	1	6V-5842	40	BOLT (M10X1.5X40-MM)						
M	27	1	6V-8197	8	BOLT (M12X1.75X40-MM)						
	28	1	8C-3076	2	SEAL-O-RING						

M-METRIC PART

AIR INLET AND EXHAUST SYSTEM

274-7710 LINES GP-AIR (contd.)

i02440885



GRAPHIC #1

<END>

g01227535

AIR INLET AND EXHAUST SYSTEM

283-9349 LINES GP-AIR

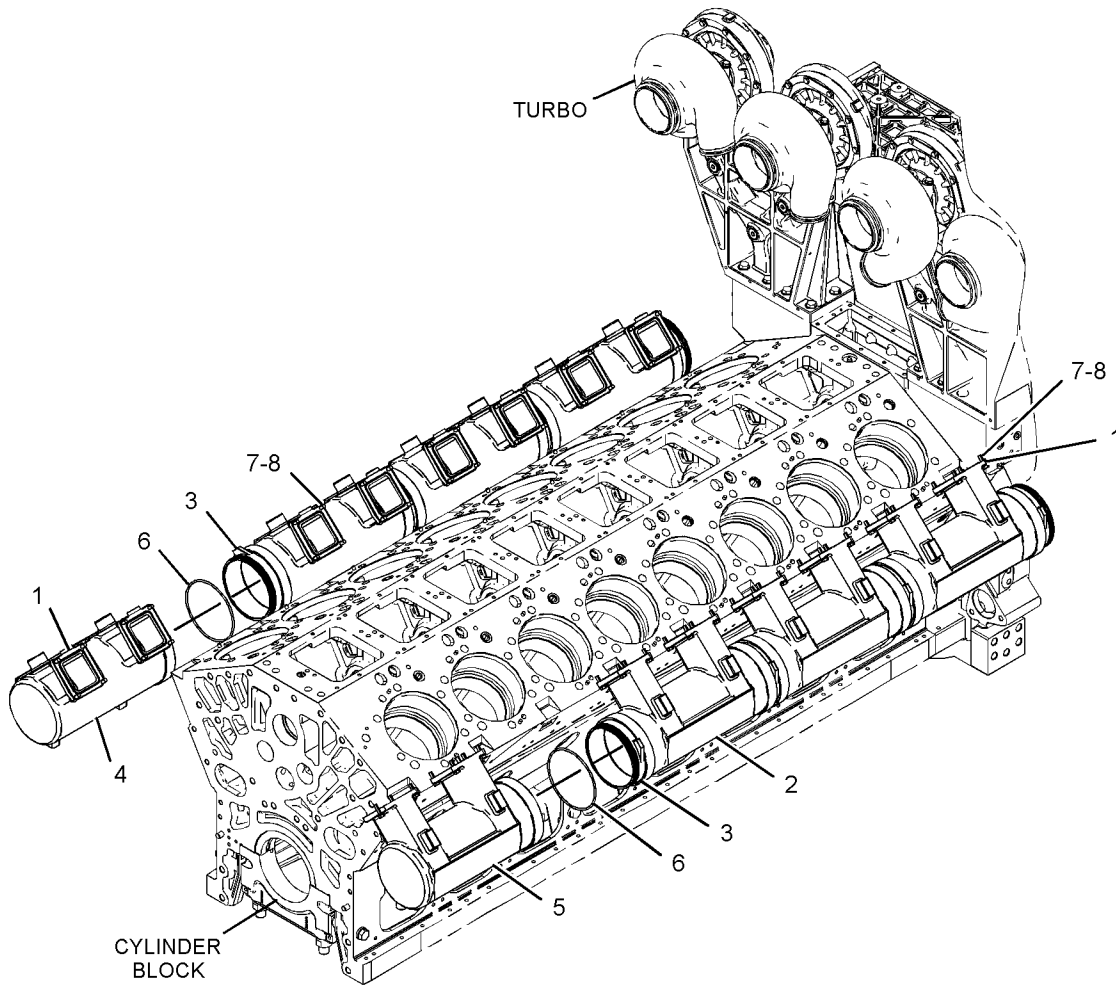
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1071

i02495798

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	258-9926	16	GASKET						
	2	1	283-9345	6	MANIFOLD						
	3	1	283-9346	8	CONNECTOR						
	4	1	283-9347	1	MANIFOLD						
	5	1	283-9348	1	MANIFOLD						
	6	1	3F-1547	32	SEAL-O-RING						
M	7	1	6V-3822	64	BOLT (M10X1.5X35-MM)						
	8	1	6V-5839	64	WASHER (11X21X2.5-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01250324

AIR INLET AND EXHAUST SYSTEM

283-9364 LINES GP-AIR-AFTERCOOLER

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1071

i02495796

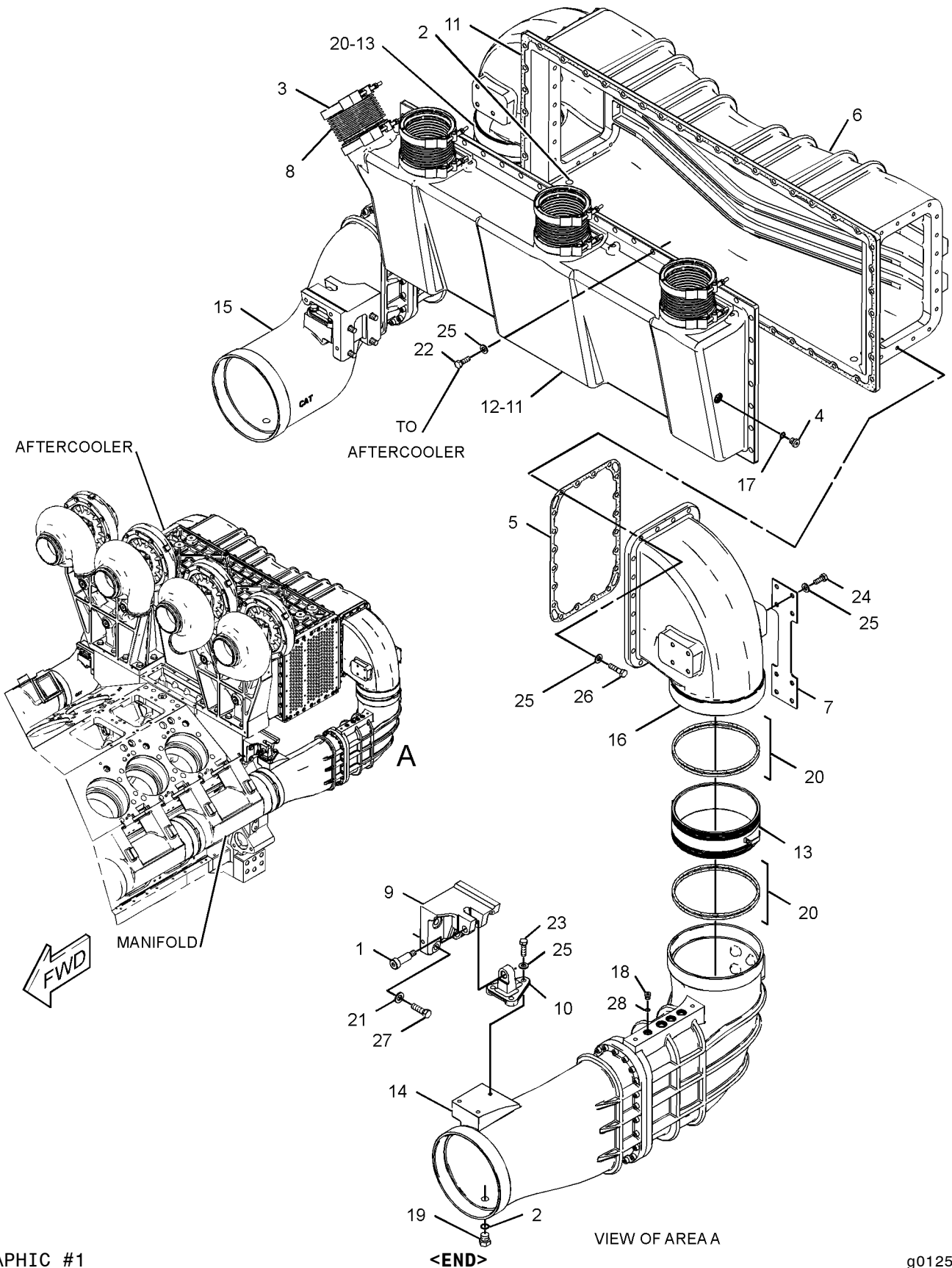
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	174-6945	2	BOLT-SHOULDER (M12X1.75X18-MM)						
	2	1	216-0881	6	SEAL-O-RING						
	3	1	239-6808	8	CLAMP						
	4	1	241-6170	1	PLUG						
	5	1	245-9907	2	GASKET-ELBOW						
	6	1	253-6989	1	HOUSING						
	7	1	258-9932	2	STRAP						
	8	1	264-3088	4	BELLOWS						
	9	1	269-0555	2	BRACKET						
	10	1	269-0556	2	SUPPORT						
	11	1	274-7689	2	GASKET						
	12	1	274-7690	1	MANIFOLD AS-INLET						
		1	6V-5839	18	WASHER (11X21X2.5-MM THK)						
M		1	6V-6317	18	BOLT (M10X1.5X20-MM)						
	13	1	283-9346	2	CONNECTOR						
	14	1	283-9361	1	ELBOW AS						
M		1	6V-8337	22	BOLT-SOCKET HEAD (M8X1.25X35-MM)						
	15	1	283-9362	1	ELBOW AS						
M		1	6V-8337	22	BOLT-SOCKET HEAD (M8X1.25X35-MM)						
	16	1	283-9363	2	ELBOW						
	17	1	228-7101	1	SEAL-O-RING						
	18	1	260-9153	2	PLUG						
	19	1	3E-2331	6	PLUG						
	20	1	3F-1547	8	SEAL-O-RING						
	21	1	5P-8245	8	WASHER-HARD (13.5X25.5X3-MM THK)						
M	22	1	6V-1820	48	BOLT (M10X1.5X30-MM)						
M	23	1	6V-3822	54	BOLT (M10X1.5X35-MM)						
M	24	1	6V-4248	16	BOLT (M10X1.5X25-MM)						
	25	1	6V-5839	158	WASHER (11X21X2.5-MM THK)						
M	26	1	6V-5842	40	BOLT (M10X1.5X40-MM)						
M	27	1	6V-8197	8	BOLT (M12X1.75X40-MM)						
	28	1	8C-3076	2	SEAL-O-RING						

M-METRIC PART

AIR INLET AND EXHAUST SYSTEM

283-9364 LINES GP-AIR (contd.)

i02495796



GRAPHIC #1

g01254359

AIR INLET AND EXHAUST SYSTEM

243-2972 MANIFOLD GP-EXHAUST

S/N: WYB1-UP
AN ATTACHMENT

SMCS - 1059

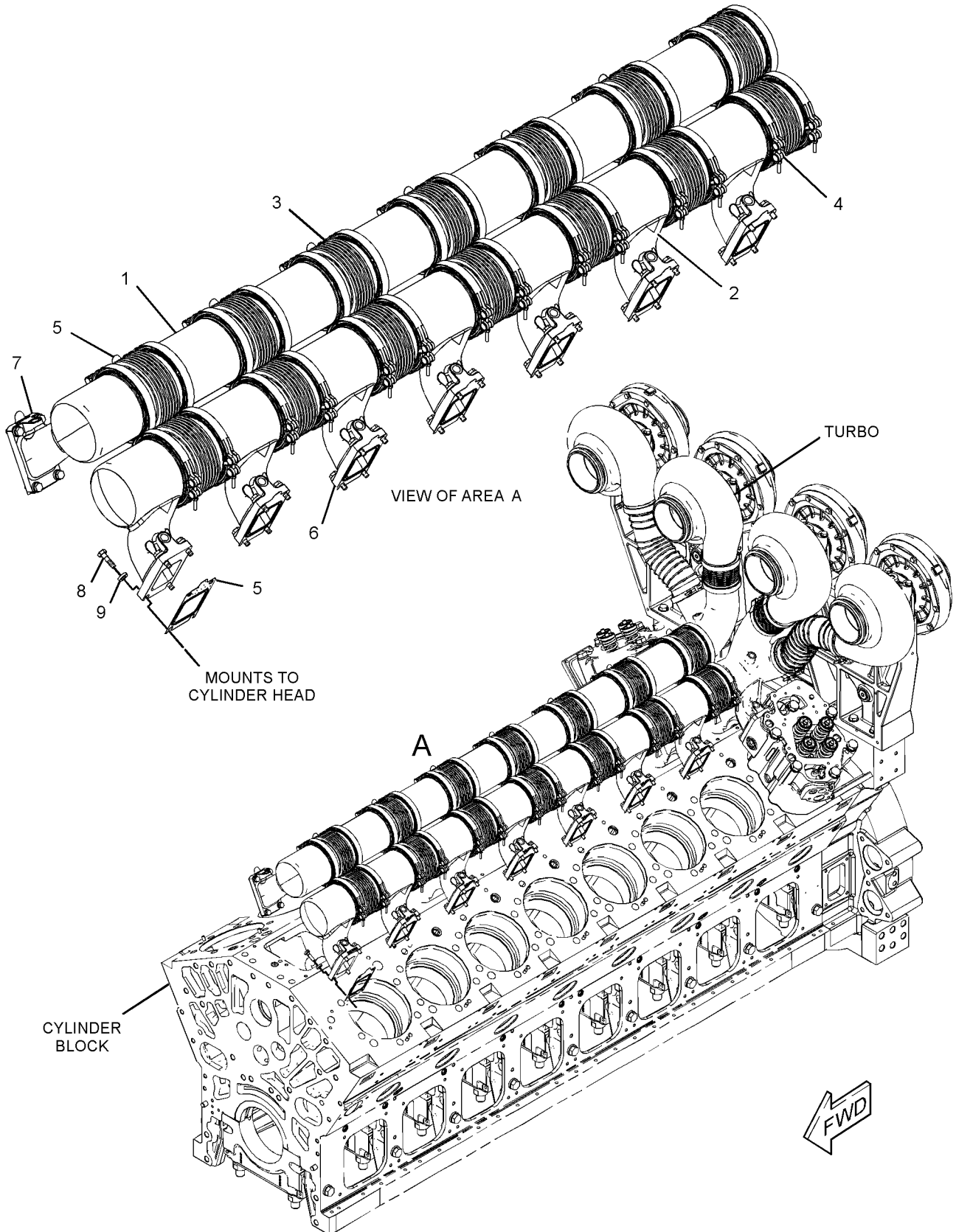
i02444257

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	241-9813	6	MANIFOLD						
	2	1	241-9814	6	MANIFOLD						
	3	1	243-2973	14	BELLOWS						
	4	1	243-2975	28	CLAMP AS						
					(EACH INCLUDES)						
M		1	6V-7743	1	LOCKNUT (M6X1-THD)						
	5	1	246-4924	14	GASKET						
	6	1	252-6098	1	MANIFOLD						
	7	1	252-6099	1	MANIFOLD						
M	8	1	8T-7353	56	BOLT-HIGH TEMPERATURE (M10X1.5X35-MM)						
	9	1	8T-7934	56	WASHER-HARD (11X21X5-MM THK)						
M-METRIC PART											

AIR INLET AND EXHAUST SYSTEM

243-2972 MANIFOLD GP-EXHAUST (contd.)

i02444257



GRAPHIC #1

<END>

g01223168

AIR INLET AND EXHAUST SYSTEM

253-7723 MANIFOLD GP-EXHAUST

S/N: WYB1-UP
AN ATTACHMENT

SMCS - 1059

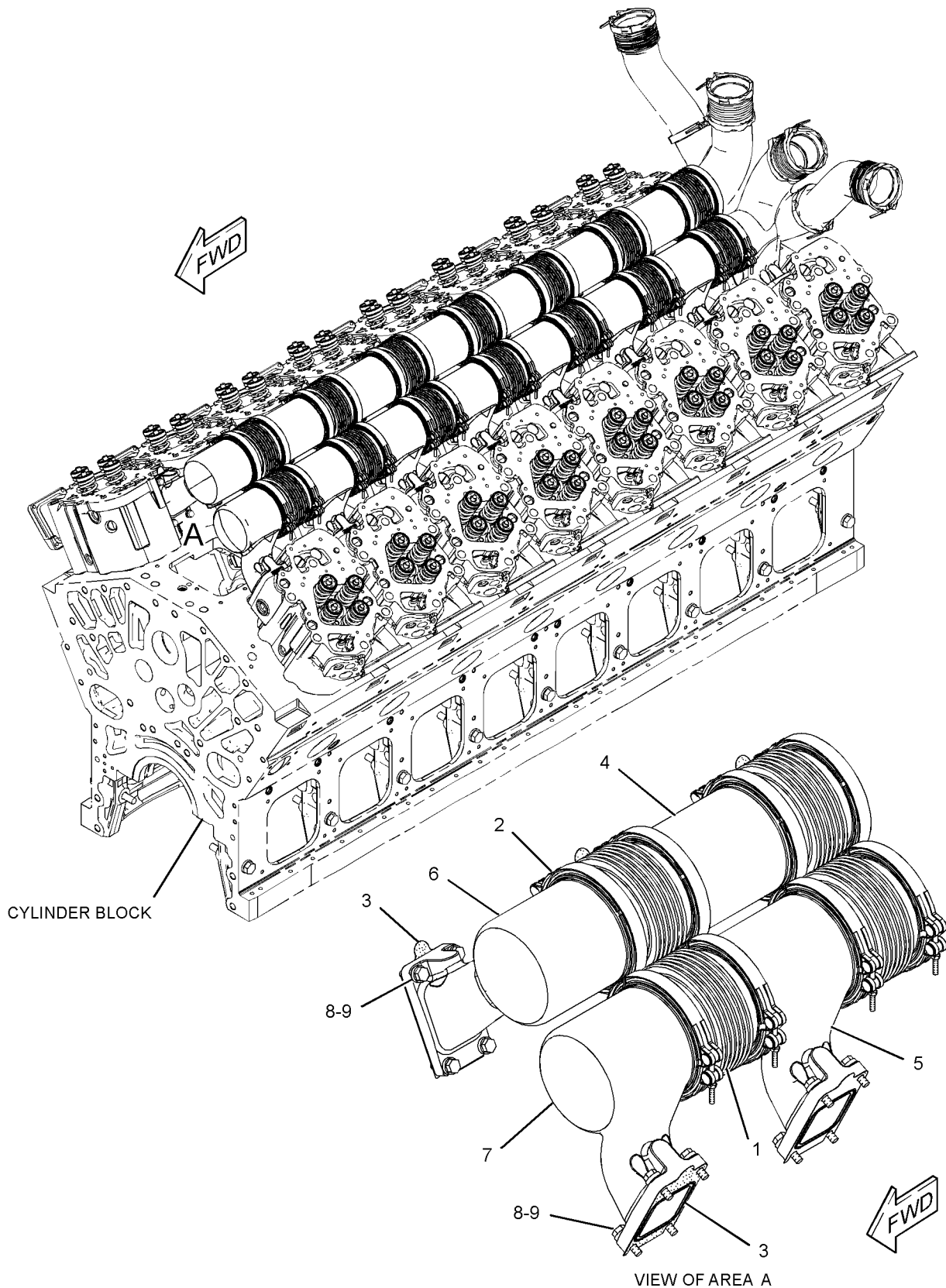
i02444382

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	243-2973	14	BELLOWS						
	2	1	243-2975	28	CLAMP AS						
					(EACH INCLUDES)						
M		1	6V-7743	1	LOCKNUT (M6X1-THD)						
	3	1	246-4924	14	GASKET						
	4	1	253-7715	6	MANIFOLD						
	5	1	253-7716	6	MANIFOLD						
	6	1	253-7717	1	MANIFOLD						
	7	1	253-7718	1	MANIFOLD						
M	8	1	8T-7353	56	BOLT-HIGH TEMPERATURE (M10X1.5X35-MM)						
	9	1	8T-7934	56	WASHER-HARD (11X21X5-MM THK)						
M-METRIC PART											

AIR INLET AND EXHAUST SYSTEM

253-7723 MANIFOLD GP-EXHAUST (contd.)

i02444382



GRAPHIC #1

<END>

g01221691

AIR INLET AND EXHAUST SYSTEM

254-2062 MANIFOLD GP-EXHAUST-TURBOCHARGER

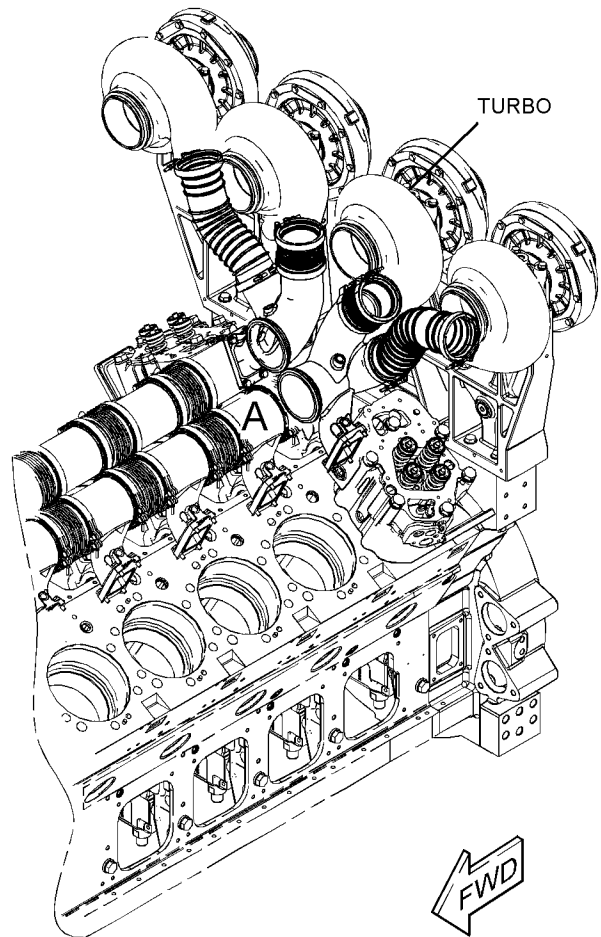
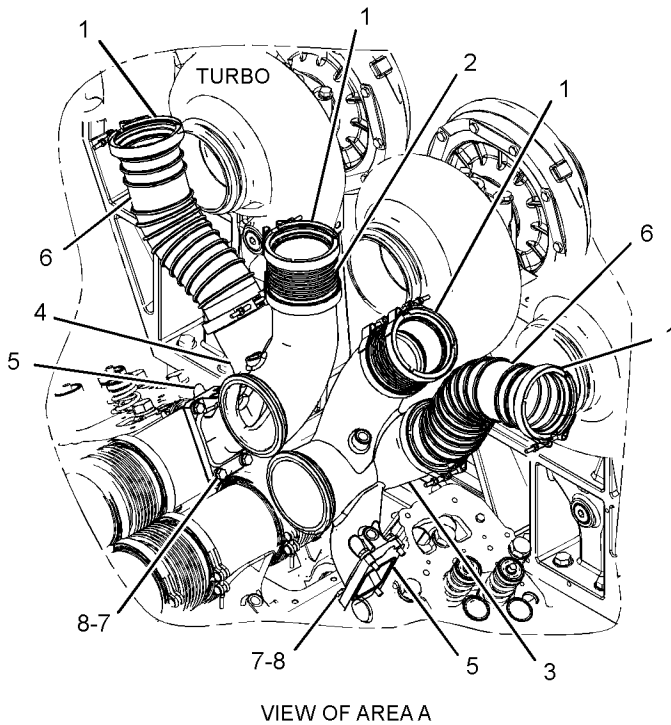
S/N: WYB1-UP
AN ATTACHMENT

SMCS - 1059

i02444395

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	239-6808	8	CLAMP						
	2	1	245-4871	2	BELLOWS AS						
					(EACH INCLUDES)						
		1	264-3088	1	BELLOWS						
		1	264-3089	1	SLEEVE						
	3	1	245-4872	1	MANIFOLD AS-EXHAUST						
		1	245-4874	2	RING						
	4	1	245-4873	1	MANIFOLD AS-EXHAUST						
		1	245-4874	2	RING						
	5	1	246-4924	2	GASKET						
	6	1	267-2222	2	TUBE AS-BELLOWS						
M	7	1	8T-7353	8	BOLT-HIGH TEMPERATURE (M10X1.5X35-MM)						
	8	1	8T-7934	8	WASHER-HARD (11X21X5-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01221870

AIR INLET AND EXHAUST SYSTEM

254-2063 MANIFOLD GP-EXHAUST-TURBOCHARGER

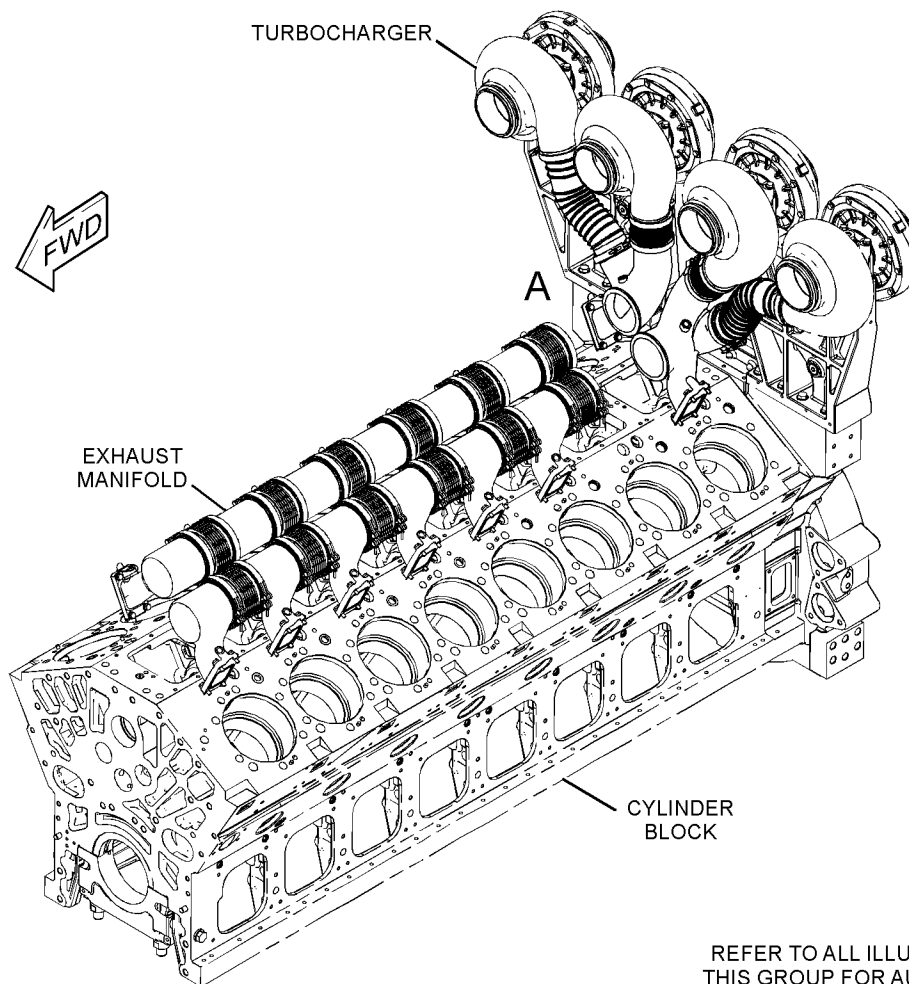
S/N: WYB1-UP
AN ATTACHMENT

SMCS - 1059

i02444398

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	239-6808	8	CLAMP						
	2	2	245-4871	2	BELLOWS AS						
					(EACH INCLUDES)						
		1	264-3088	1	BELLOWS						
		2	264-3089	1	SLEEVE						
	3	2	246-4924	2	GASKET						
	4	2	253-7721	1	MANIFOLD AS-EXHAUST						
		2	245-4874	2	RING						
	5	2	253-7722	1	MANIFOLD AS-EXHAUST						
		2	245-4874	2	RING						
	6	2	267-2222	2	TUBE AS-BELLOWS						
M	7	2	8T-7353	8	BOLT-HIGH TEMPERATURE (M10X1.5X35-MM)						
	8	2	8T-7934	8	WASHER-HARD (11X21X5-MM THK)						

M-METRIC PART



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

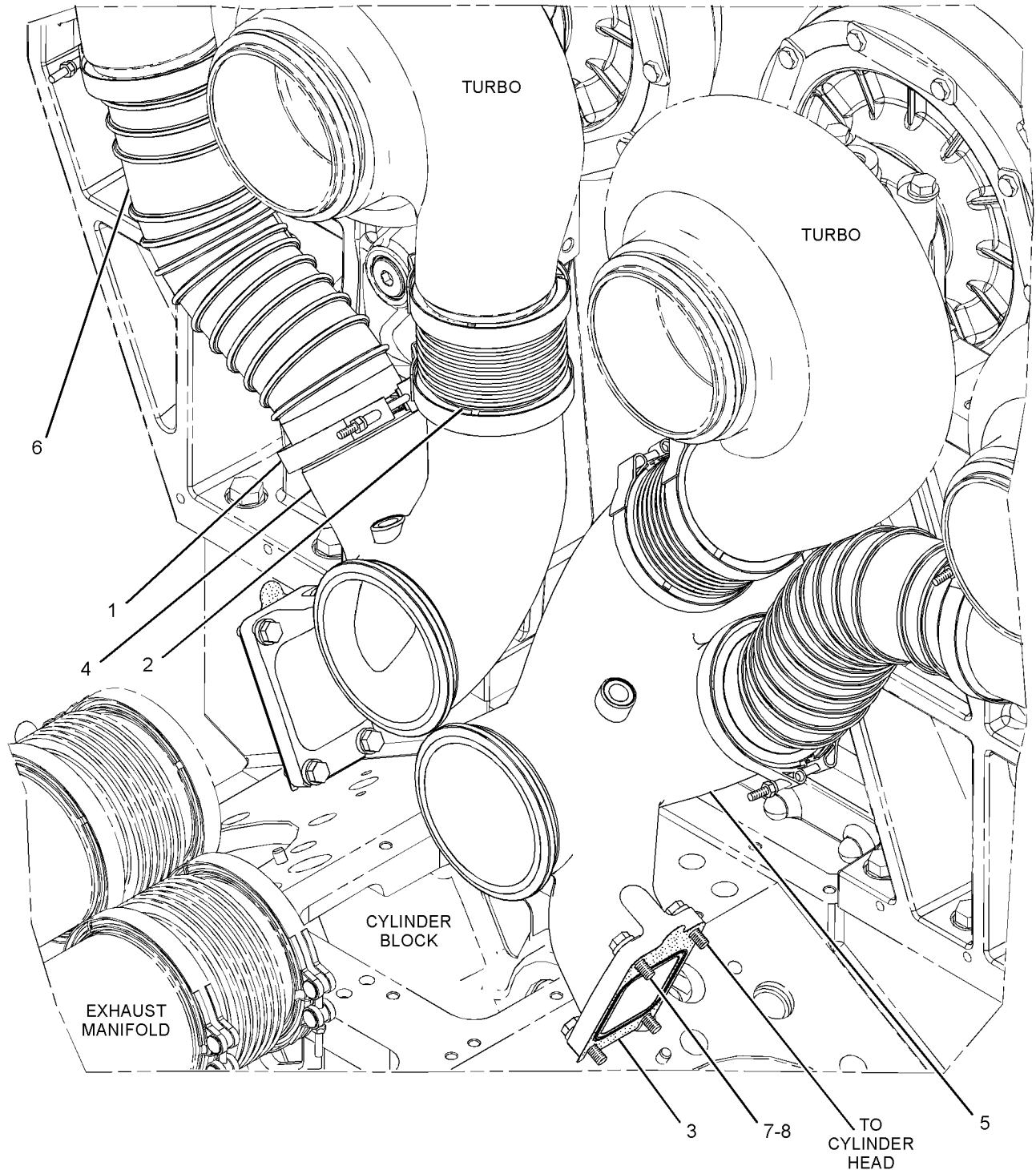
GRAPHIC #1

g01221793

AIR INLET AND EXHAUST SYSTEM

254-2063 MANIFOLD GP-EXHAUST (contd.)

i02444398



VIEW OF AREA A

<END>

GRAPHIC #2

g01221794

AIR INLET AND EXHAUST SYSTEM

282-8533 MANIFOLD GP-EXHAUST

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1059

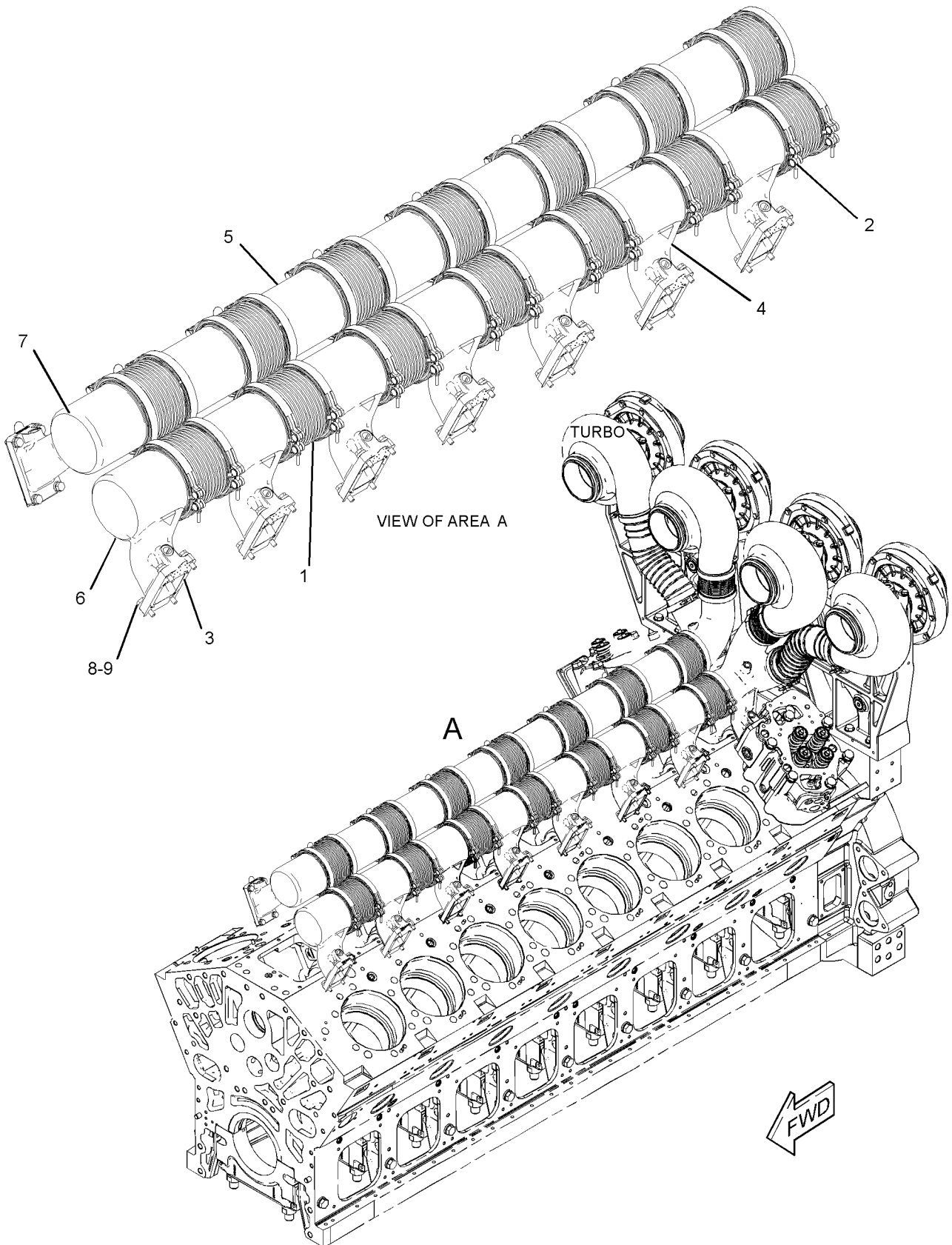
i02444561

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	243-2973	14	BELLOWS						
	2	1	243-2975	28	CLAMP AS						
					(EACH INCLUDES)						
M		1	6V-7743	1	LOCKNUT (M6X1-THD)						
	3	1	246-4924	14	GASKET						
	4	1	281-9412	6	MANIFOLD						
	5	1	281-9413	6	MANIFOLD						
	6	1	281-9414	1	MANIFOLD						
	7	1	283-1659	1	MANIFOLD						
M	8	1	8T-7353	56	BOLT-HIGH TEMPERATURE (M10X1.5X35-MM)						
	9	1	8T-7934	56	WASHER-HARD (11X21X5-MM THK)						
M-METRIC PART											

AIR INLET AND EXHAUST SYSTEM

282-8533 MANIFOLD GP-EXHAUST (contd.)

i02444561



GRAPHIC #1

<END>

g01223090

AIR INLET AND EXHAUST SYSTEM

282-8534 MANIFOLD GP-EXHAUST-TURBOCHARGER

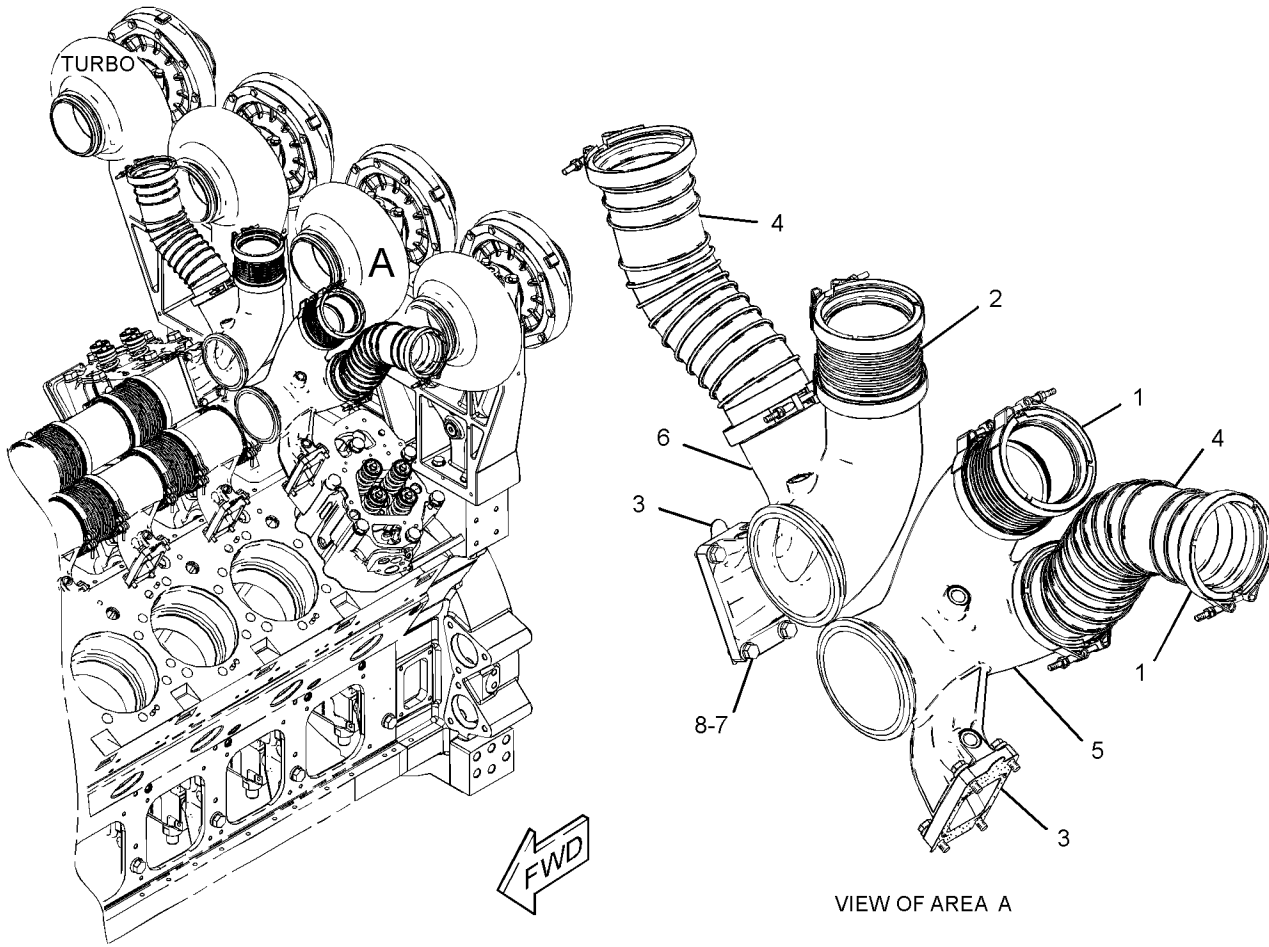
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1059

i02444563

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	239-6808	8	CLAMP						
	2	1	245-4871	2	BELLOWS AS						
					(EACH INCLUDES)						
		1	264-3088	1	BELLOWS						
		1	264-3089	1	SLEEVE						
	3	1	246-4924	2	GASKET						
	4	1	267-2222	2	TUBE AS-BELLOWS						
	5	1	281-9410	1	MANIFOLD AS-EXHAUST						
		1	245-4874	2	RING						
	6	1	281-9411	1	MANIFOLD AS-EXHAUST						
		1	245-4874	2	RING						
M	7	1	8T-7353	8	BOLT-HIGH TEMPERATURE (M10X1.5X35-MM)						
	8	1	8T-7934	8	WASHER-HARD (11X21X5-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01223072

AIR INLET AND EXHAUST SYSTEM

274-7711 MOUNTING GP-AFTERCooler

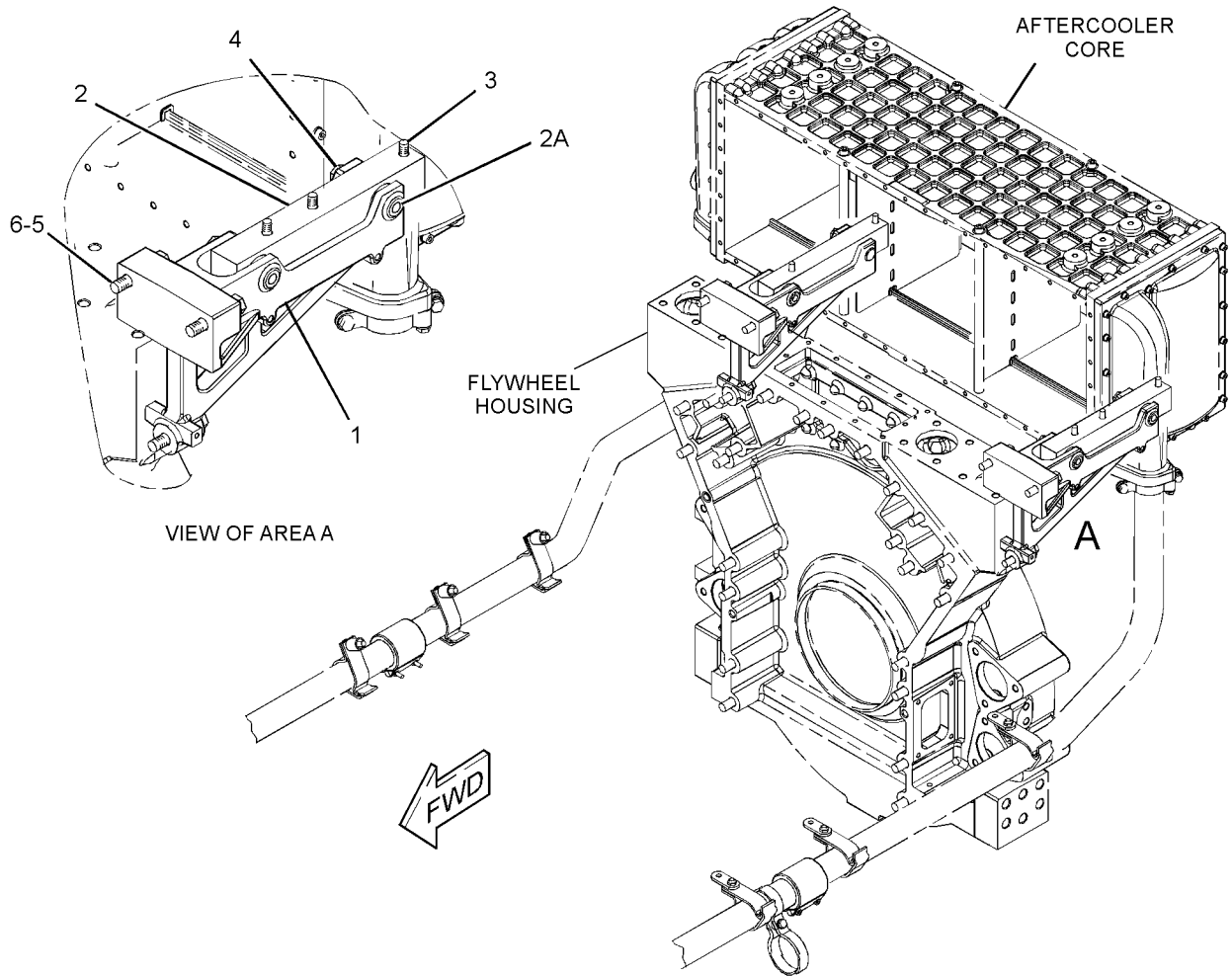
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1063

i02440881

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	243-2968	2	BRACKET						
	2	1	274-7712	2	BRACKET AS						
					(EACH INCLUDES)						
	2A	1	153-6981	2	MOUNT						
M	3	1	095-0673	6	BOLT-SOCKET HEAD (M12X1.75X60-MM)						
M	4	1	8T-0207	4	BOLT (M16X2X100-MM)						
M	5	1	8T-0281	6	BOLT (M16X2X80-MM)						
	6	1	9X-8268	6	WASHER (17.5X30X3.5-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01227697

AIR INLET AND EXHAUST SYSTEM

270-0474 MOUNTING GP-AIR CLEANER

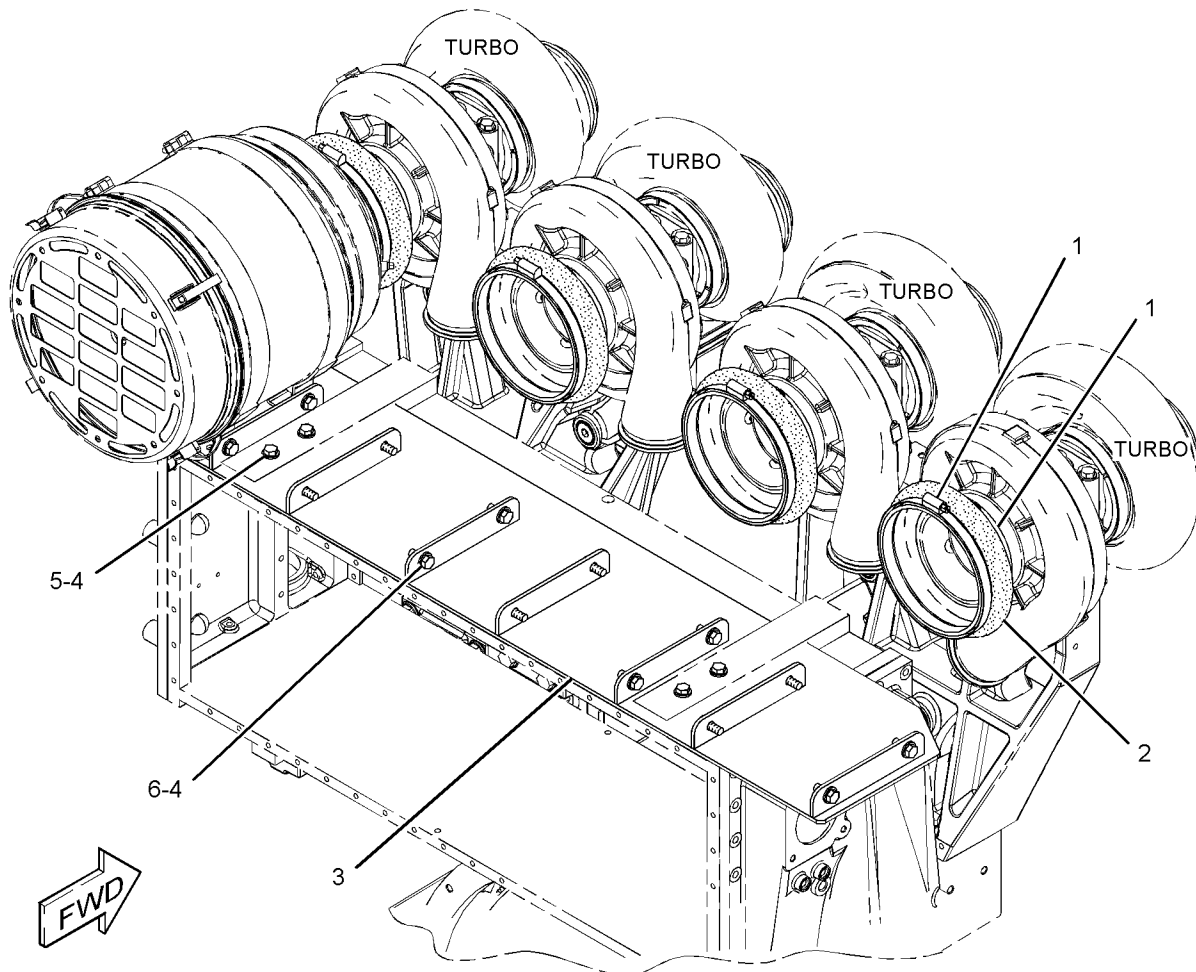
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1051

i02444523

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-0600	8	CLAMP-HOSE						
	2	1	113-1587	4	HOSE-REDUCER						
	3	1	270-5158	1	SUPPORT AS						
	4	1	5P-8245	20	WASHER-HARD (13.5X25.5X3-MM THK)						
M	5	1	6A-5591	4	BOLT (M12X1.75X25-MM)						
M	6	1	6V-3668	16	BOLT (M12X1.75X30-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01224478

AIR INLET AND EXHAUST SYSTEM

243-6449 MOUNTING GP-TURBOCHARGER

S/N: WYB1-UP
AN ATTACHMENT

SMCS - 1052

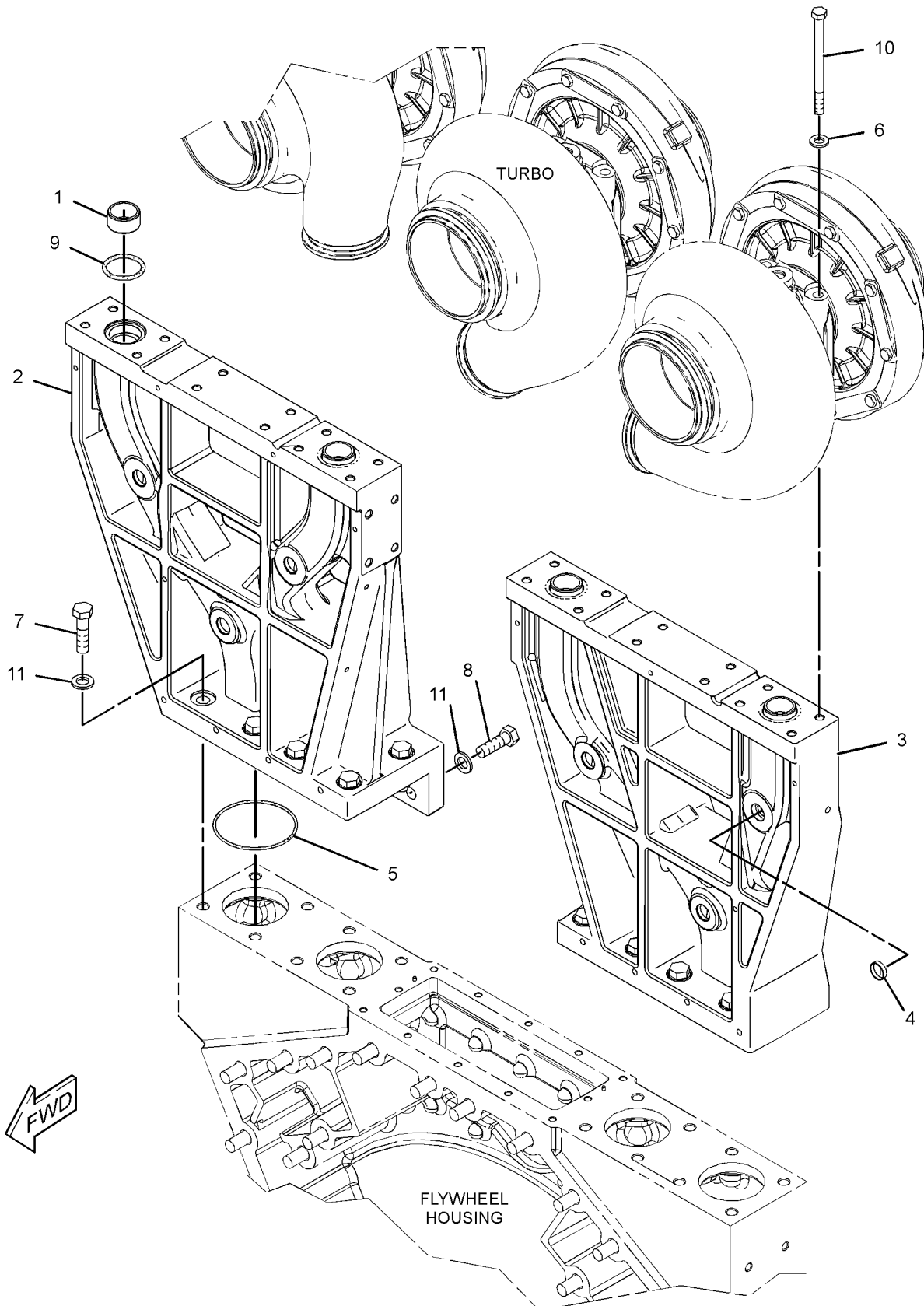
i02402957

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	137-0135	4	DOWEL						
	2	1	243-6450	1	SUPPORT						
	3	1	243-6451	1	SUPPORT						
	4	1	3B-0623	12	PLUG-CUP						
	5	1	3E-6785	4	SEAL-O-RING						
	6	1	5P-8245	16	WASHER-HARD (13.5X25.5X3-MM THK)						
M	7	1	6V-3303	16	BOLT (M16X2X60-MM)						
M	8	1	6V-5686	4	BOLT (M16X2X50-MM)						
	9	1	8C-3107	4	SEAL-O-RING						
M	10	1	8T-0162	16	BOLT (M12X1.75X160-MM)						
	11	1	9X-8268	20	WASHER (17.5X30X3.5-MM THK)						
M-METRIC PART											

AIR INLET AND EXHAUST SYSTEM

243-6449 MOUNTING GP-TURBOCHARGER (contd.)

i02402957



GRAPHIC #1

<END>

g01220817

AIR INLET AND EXHAUST SYSTEM

254-6777 TURBOCHARGER GP

S/N: WYB1-UP

PART OF 271-4979 TURBOCHARGER GP
AN ATTACHMENT

SMCS-1052, 1053

i02477842

NOTE	PART NUMBER	QTY	PART NAME	SEE PAGE
			1 2 3 4 5 6 (PRODUCT LEVEL)	
			SERVICEABLE PARTS IDENTIFICATION FOR THIS GROUP WAS NOT AVAILABLE AT TIME OF THIS PUBLICATION.	
			REFER TO THE SERVICE INFORMATION SYSTEM (SIS) FOR THE LATEST AVAILABLE PARTS INFORMATION.	
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AIR INLET AND EXHAUST SYSTEM

258-8009 TURBOCHARGER GP

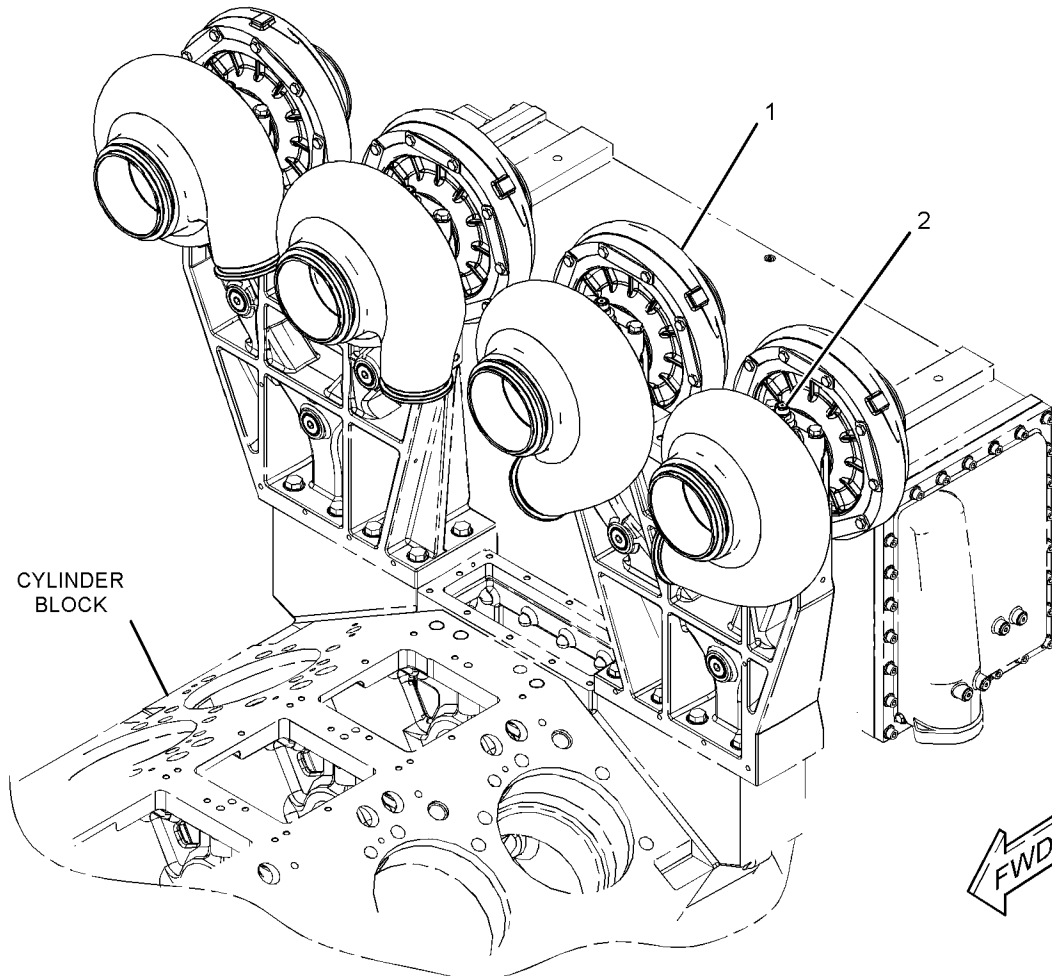
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AN ATTACHMENT

SMCS-1052, 1053

i02443226

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	263-1454	4	TURBOCHARGER GP						215
	2	1	268-1535	4	CONNECTOR AS-ORFICE						
					(EACH INCLUDES)						
		1	228-7091	1	SEAL-O-RING						
		1	228-7103	1	SEAL-O-RING						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01221434

AIR INLET AND EXHAUST SYSTEM

263-1454 TURBOCHARGER GP

S/N: WYB1-UP

PART OF 258-8009 TURBOCHARGER GP
AN ATTACHMENT

SMCS-1052, 1053

i02443256

NOTE	PART NUMBER	QTY	PART NAME	SEE PAGE
			1 2 3 4 5 6 (PRODUCT LEVEL)	
			SERVICEABLE PARTS IDENTIFICATION FOR THIS GROUP WAS NOT AVAILABLE AT TIME OF THIS PUBLICATION.	
			REFER TO THE SERVICE INFORMATION SYSTEM (SIS) FOR THE LATEST AVAILABLE PARTS INFORMATION.	
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AIR INLET AND EXHAUST SYSTEM

271-4979 TURBOCHARGER GP

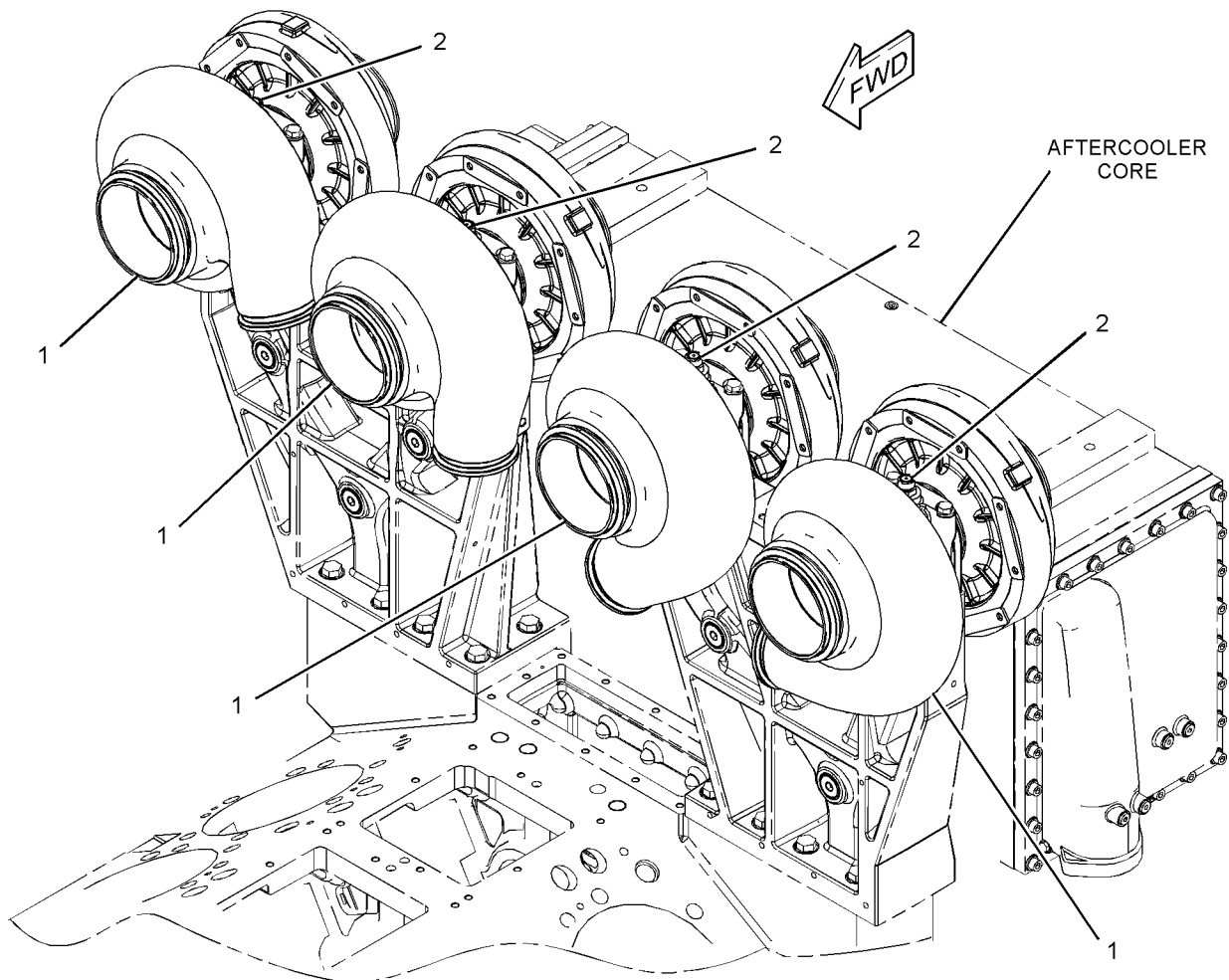
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1052, 1053

i02475119

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	254-6777	4	TURBOCHARGER GP						213
	2	1	268-1535	4	CONNECTOR AS-ORIFICE (EACH INCLUDES)						
		1	228-7091	1	SEAL-O-RING						
		1	228-7103	1	SEAL-O-RING						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01224345

FUEL SYSTEM

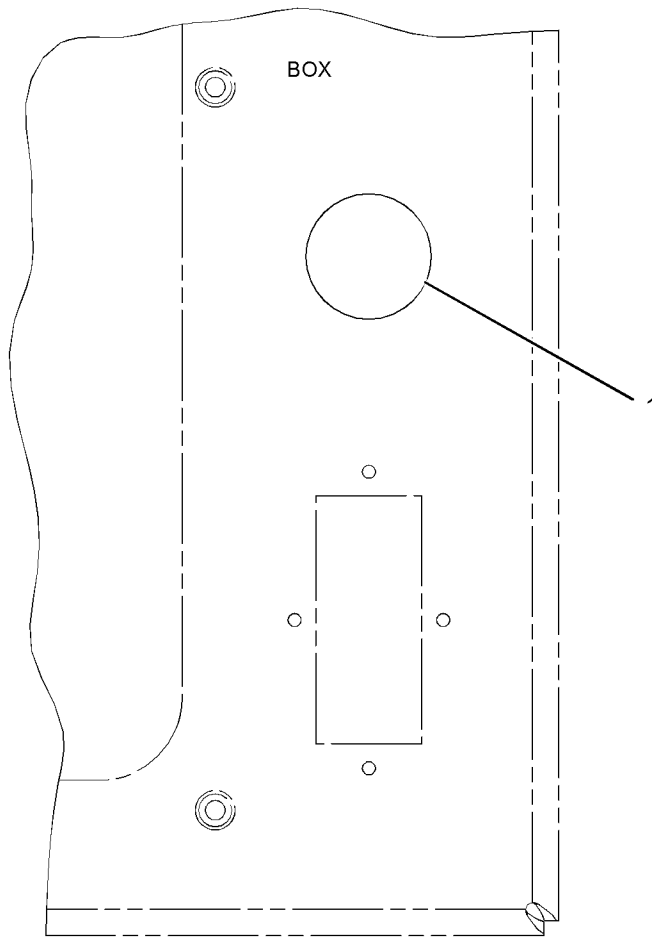
252-7438 CAP GP-PROTECTION-JACKET WATER HEATER

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1264, 1908

i02288700

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	252-7559	1	CAP						



REAR VIEW

<END>

GRAPHIC #1

g01157137

FUEL SYSTEM

161-0797 CONTROL AS-GOVERNOR

S/N: WYB1-UP

LOAD SHARE MODULE

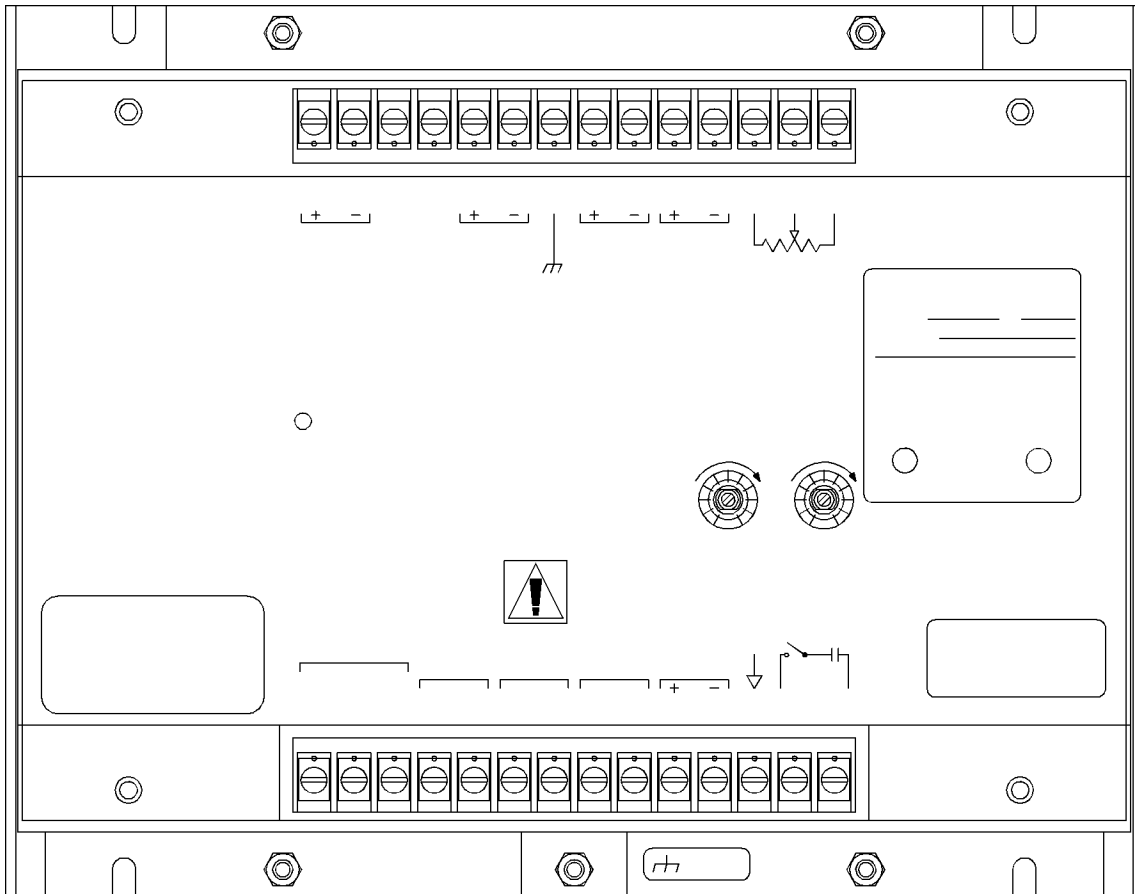
PART OF 252-7369 CONTROL GP-LOAD SHARE MODULE

AN ATTACHMENT

SMCS-1264

i01979207

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



GRAPHIC #1

<END>

g01026187

FUEL SYSTEM

259-9198 COOLER GP-FUEL

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1712

i02428462

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	259-9202	1	COOLER AS						
	134-4464	1	FAN (8-BLADE)						
	126-7126	1	GUARD (FINGER)						
	118-2085	1	MOTOR AS-BLOWER						
	1H-3244	2	LOCKWASHER						
	6V-8185	2	NUT (1/4-20-THD)						
	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)						
	126-7123	1	MOUNT (MOTOR)						
	131-6012	1	SHROUD-FAN						

<END>

FUEL SYSTEM

118-4490 COVER GP-FUEL FILTER BASE

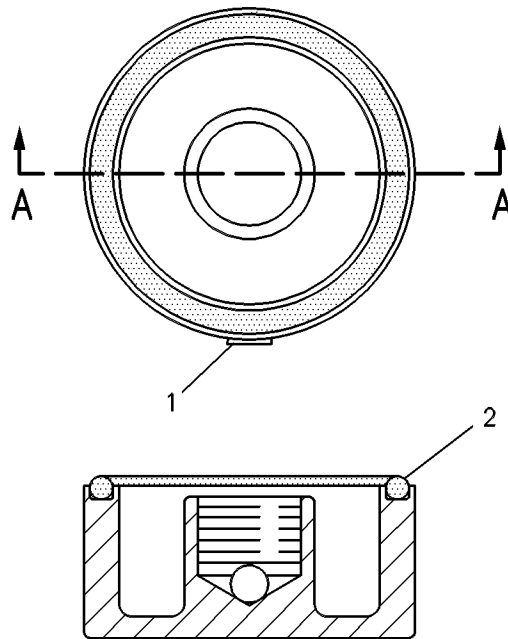
S/N: WYB1-UP

PART OF 223-5252 PUMP GP-FUEL PRIMING
AN ATTACHMENT

SMCS-1262

i00830399

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8T-6757	1	PLUG-PIPE (1/8-27 NPTF THD)						
	2	1	3P-0657	1	SEAL-O-RING						



SECTION A-A

GRAPHIC #1

<END>

g00247596

FUEL SYSTEM

279-0763 FILTER GP-FUEL

S/N: WYB1-UP
AN ATTACHMENT

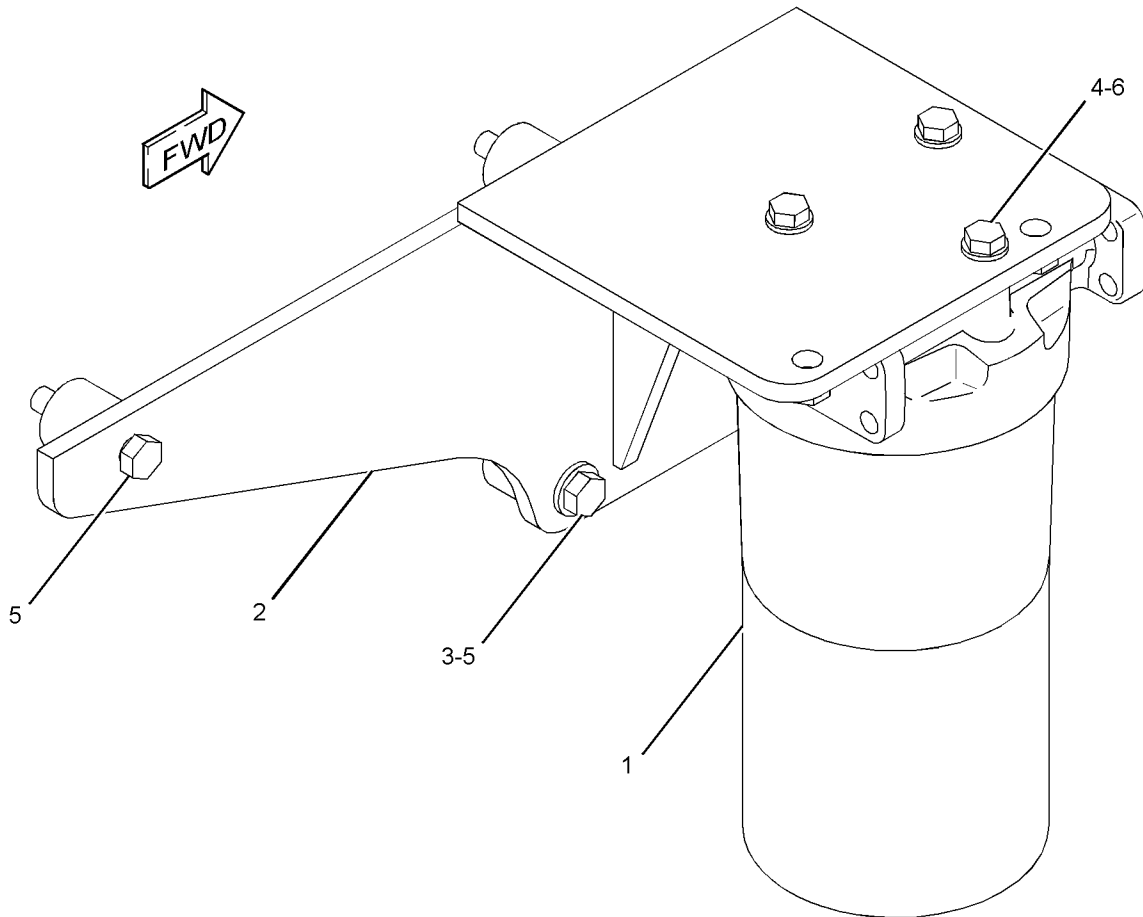
SMCS-1261

i02479827

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	249-2345	1	FILTER GP-SECONDARY FUEL						225
	2	1	279-0762	1	SUPPORT AS						
	3	1	5P-8245	2	WASHER-HARD (13.5X25.5X3-MM THK)						
M	4	1	6V-1820	3	BOLT (M10X1.5X30-MM)						
M	5	1	6V-3823	3	BOLT (M12X1.75X60-MM)						
	6	1	6V-5839	3	WASHER (11X21X2.5-MM THK)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01239227

FUEL SYSTEM

263-9005 FILTER GP-PRIMARY FUEL

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1260, 1261

i02444483

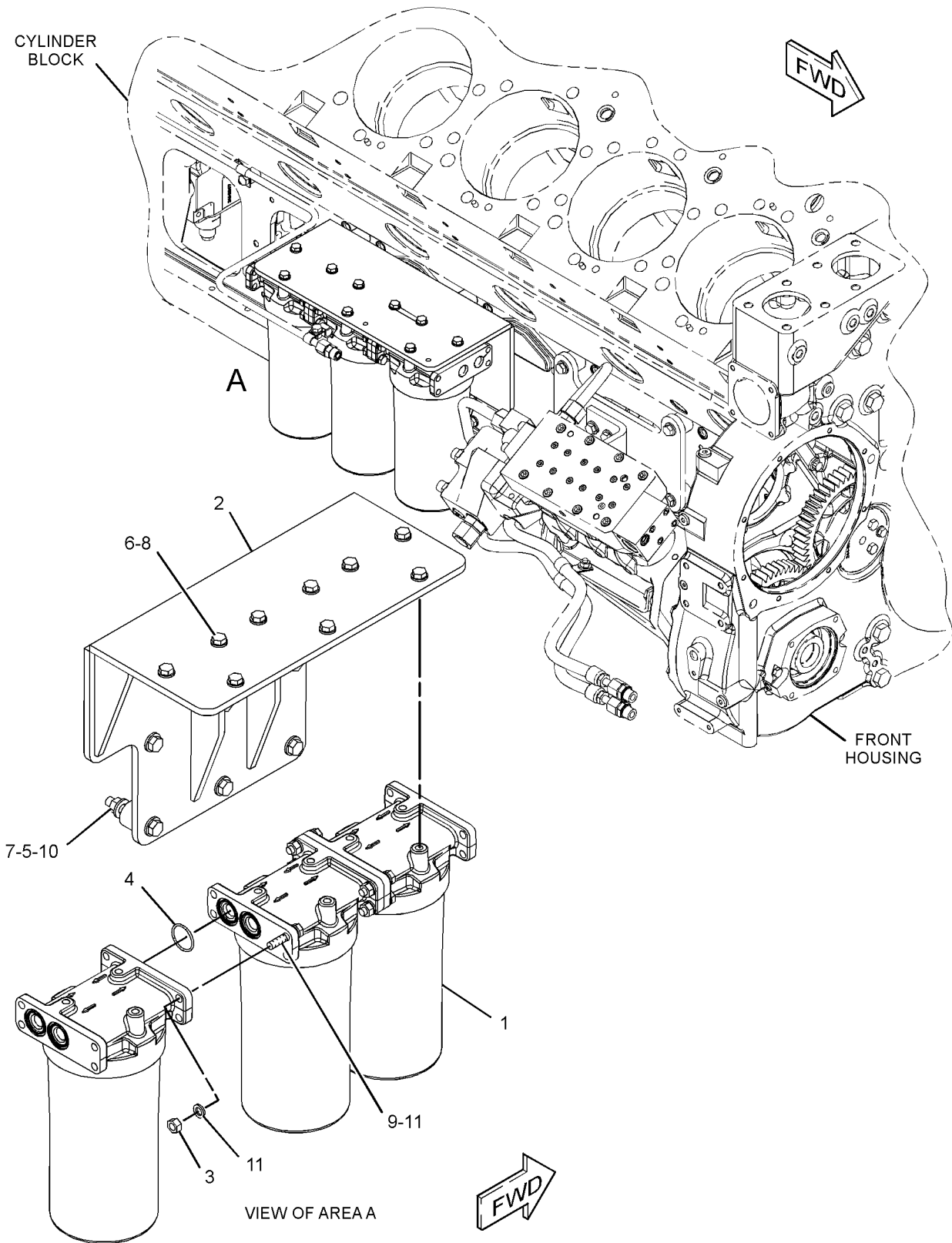
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	247-2696	3	FILTER GP-WATER SEP & FUEL						229
	2	1	264-0022	1	SUPPORT AS						
M	3	1	2Y-5829	8	NUT (M10X1.15-THD)						
	4	1	3E-6747	4	SEAL-O-RING						
	5	1	5P-8245	12	WASHER-HARD (13.5X25.5X3-MM THK)						
M	6	1	6V-1820	9	BOLT (M10X1.5X30-MM)						
M	7	1	6V-5696	6	BOLT (M12X1.75X80-MM)						
	8	1	6V-5839	9	WASHER (11X21X2.5-MM THK)						
M	9	1	6V-5843	8	BOLT (M10X1.5X45-MM)						
M	10	1	6V-8149	6	NUT (M12X1.75-THD)						
	11	1	9X-2327	16	WASHER (11X18.5X2.5-MM THK)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

FUEL SYSTEM

263-9005 FILTER GP-PRIMARY FUEL (contd.)

i02444483



GRAPHIC #1

<END>

g01224775

FUEL SYSTEM

264-4534 FILTER GP-PRIMARY FUEL

S/N: WYB1-UP
AN ATTACHMENT

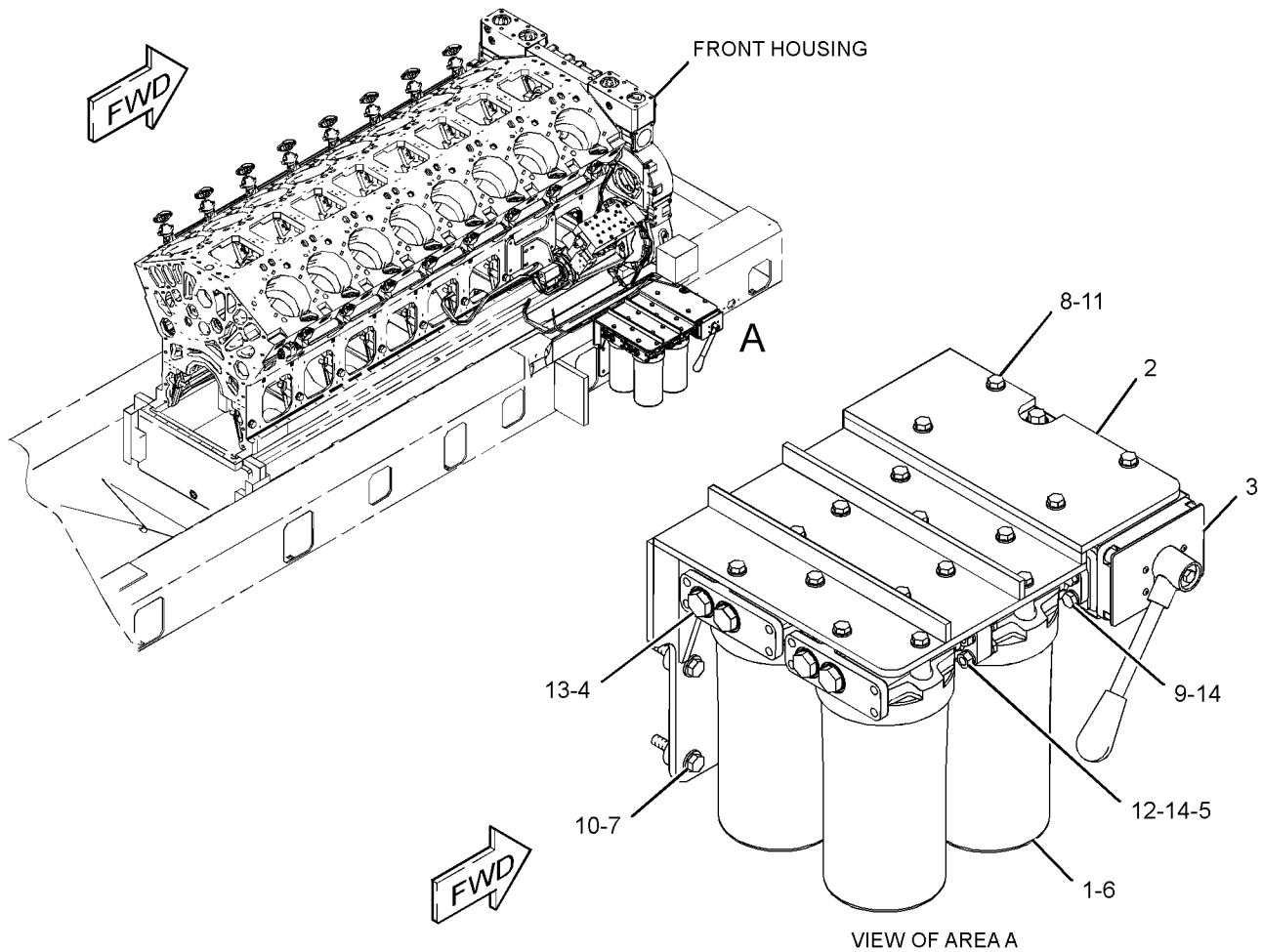
SMCS-1260, 1261

i02440995

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	247-2696	4	FILTER GP-WATER SEP & FUEL						229
	2	1	264-4525	1	SUPPORT AS						
Y	3	1	264-8893	1	SHUTOFF GP-MANUAL						264
	4	1	228-7105	4	SEAL-O-RING						
M	5	1	2Y-5829	8	NUT (M10X1.15-THD)						
	6	1	3E-6747	8	SEAL-O-RING						
	7	1	5P-8245	6	WASHER-HARD (13.5X25.5X3-MM THK)						
M	8	1	6V-1820	16	BOLT (M10X1.5X30-MM)						
M	9	1	6V-3822	8	BOLT (M10X1.5X35-MM)						
M	10	1	6V-3823	6	BOLT (M12X1.75X60-MM)						
	11	1	6V-5839	16	WASHER (11X21X2.5-MM THK)						
M	12	1	6V-5842	8	BOLT (M10X1.5X40-MM)						
	13	1	8C-4424	4	PLUG						
	14	1	9X-2327	24	WASHER (11X18.5X2.5-MM THK)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01222421

FUEL SYSTEM

249-2345 FILTER GP-SECONDARY FUEL

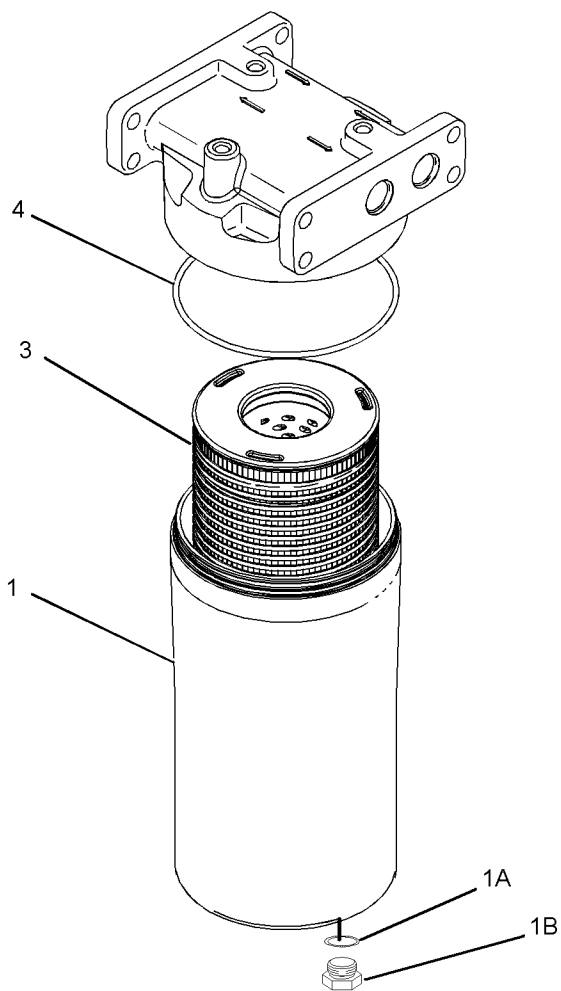
S/N: WYB1-UP

PART OF 279-0763 FILTER GP-FUEL, 251-5524, 263-7290 FILTER GP-SECONDARY FUEL
AN ATTACHMENT

SMCS-1261

i02460344

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	214-5852	1	HOUSING AS-FUEL						
	1A	1	3J-1907	1	SEAL-O-RING						
	1B	1	9S-4191	1	PLUG-O RING (9/16-18-THD)						
	3	1	264-7727	1	ELEMENT AS-FUEL						
	4	1	5P-8286	1	SEAL-O-RING						



GRAPHIC #1

<END>

g01227948

FUEL SYSTEM

251-5524 FILTER GP-SECONDARY FUEL

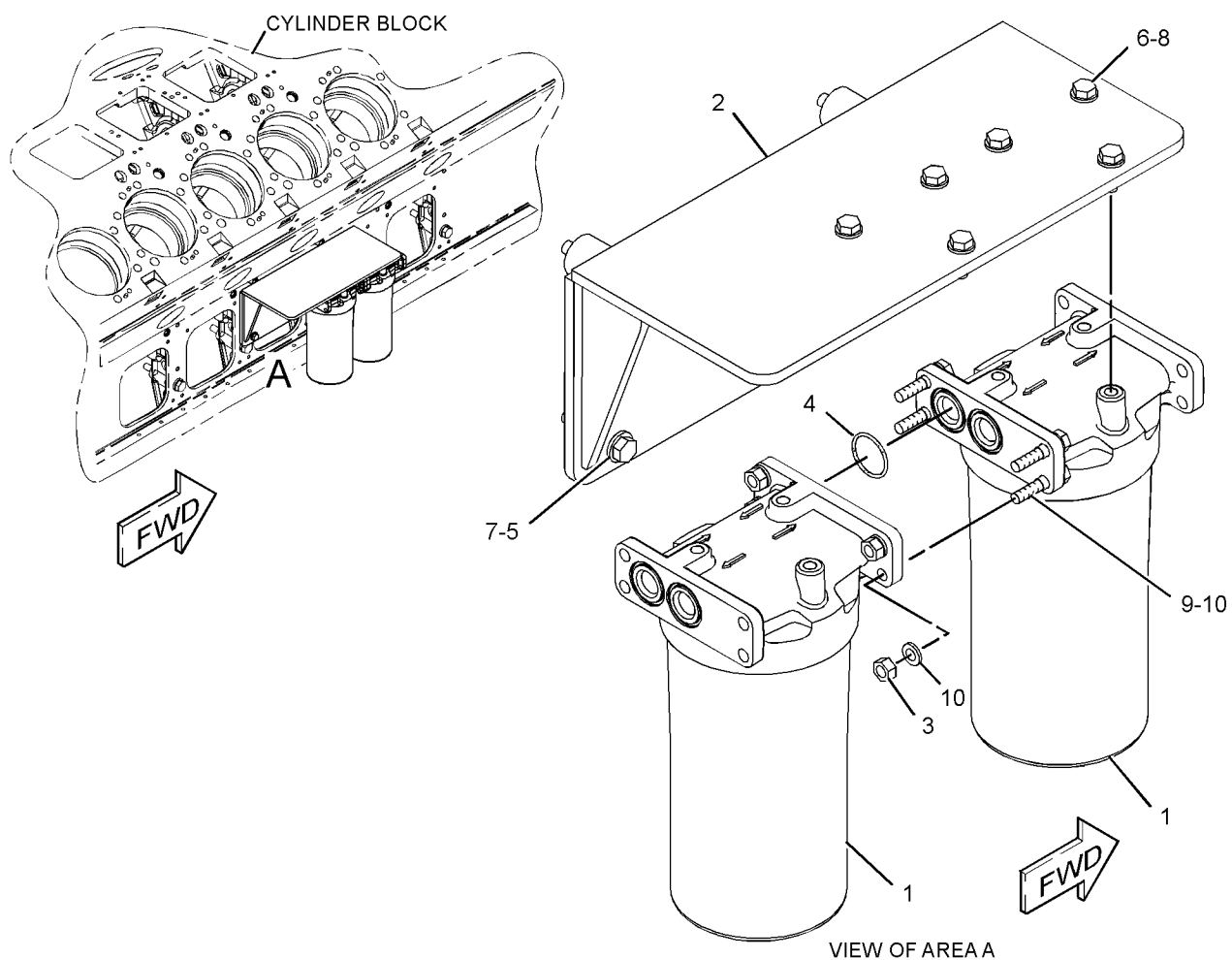
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1261

i02444377

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	249-2345	2	FILTER GP-SECONDARY FUEL						225
	2	1	262-1104	1	SUPPORT AS						
M	3	1	2Y-5829	4	NUT (M10X1.15-THD)						
	4	1	3E-6747	2	SEAL-O-RING						
	5	1	5P-8245	4	WASHER-HARD (13.5X25.5X3-MM THK)						
M	6	1	6V-1820	6	BOLT (M10X1.5X30-MM)						
M	7	1	6V-3823	4	BOLT (M12X1.75X60-MM)						
	8	1	6V-5839	6	WASHER (11X21X2.5-MM THK)						
M	9	1	6V-5843	4	BOLT (M10X1.5X45-MM)						
	10	1	9X-2327	8	WASHER (11X18.5X2.5-MM THK)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01222652

FUEL SYSTEM

263-7290 FILTER GP-SECONDARY FUEL

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1261

i02444482

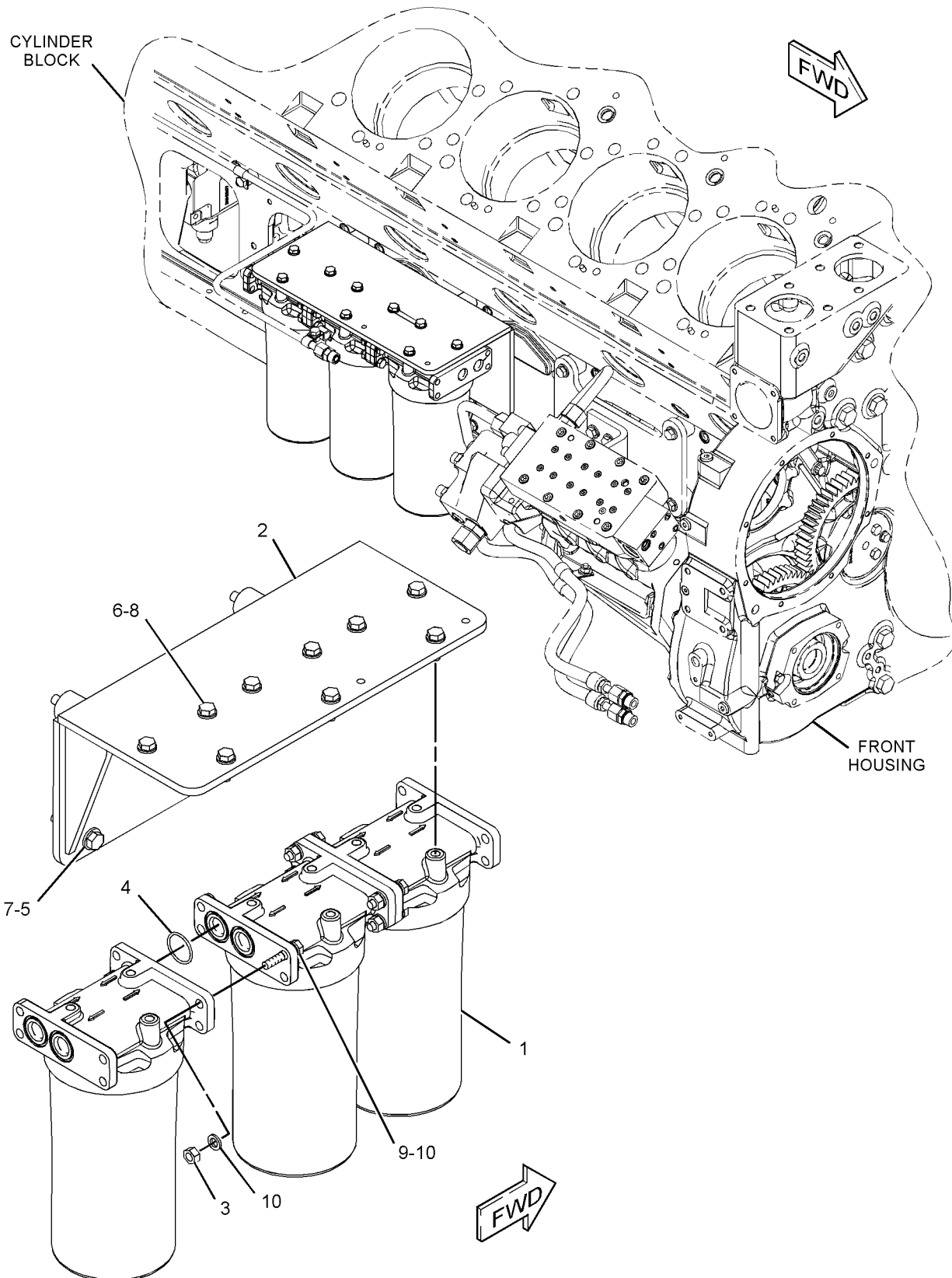
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	249-2345	3	FILTER GP-SECONDARY FUEL						225
	2	1	262-1104	1	SUPPORT AS						
M	3	1	2Y-5829	8	NUT (M10X1.15-THD)						
	4	1	3E-6747	4	SEAL-O-RING						
	5	1	5P-8245	4	WASHER-HARD (13.5X25.5X3-MM THK)						
M	6	1	6V-1820	9	BOLT (M10X1.5X30-MM)						
M	7	1	6V-3823	4	BOLT (M12X1.75X60-MM)						
	8	1	6V-5839	9	WASHER (11X21X2.5-MM THK)						
M	9	1	6V-5843	8	BOLT (M10X1.5X45-MM)						
	10	1	9X-2327	16	WASHER (11X18.5X2.5-MM THK)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

FUEL SYSTEM

263-7290 FILTER GP-SECONDARY FUEL (contd.)

i02444482



GRAPHIC #1

<END>

g01224754

FUEL SYSTEM

247-2696 FILTER GP-WATER SEP & FUEL

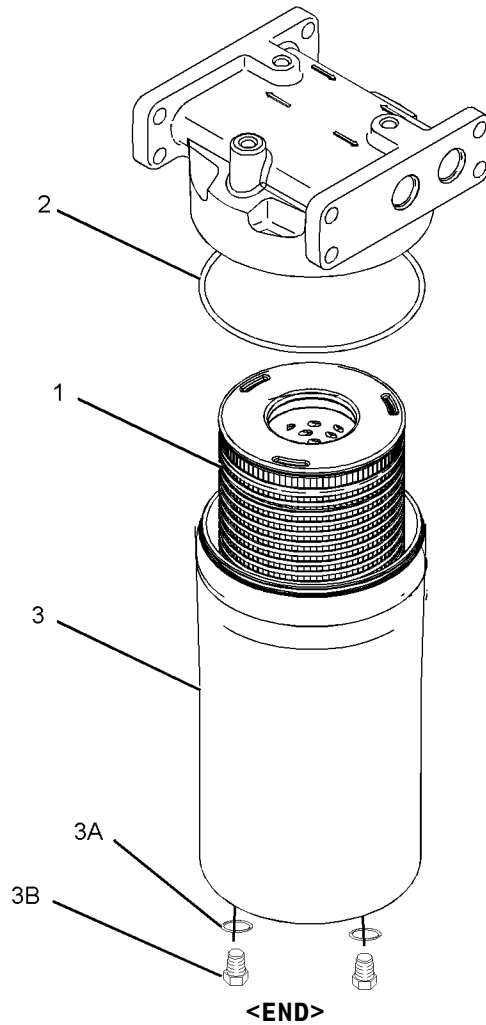
S/N: WYB1-UP

PART OF 263-9005, 264-4534 FILTER GP-PRIMARY FUEL
AN ATTACHMENT

SMCS-1261, 1263

i02462453

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	264-7726	1	ELEMENT AS (FUEL, WATER SEPARATOR)						
	2	1	5P-8286	1	SEAL-O-RING						
	3	1	269-0711	1	HOUSING AS-FUEL						
	3A	1	3J-1907	2	SEAL-O-RING						
	3B	1	9S-4191	2	PLUG-O RING (9/16-18-THD)						



GRAPHIC #1

g01227935

FUEL SYSTEM

239-6105 INJECTOR GP-FUEL

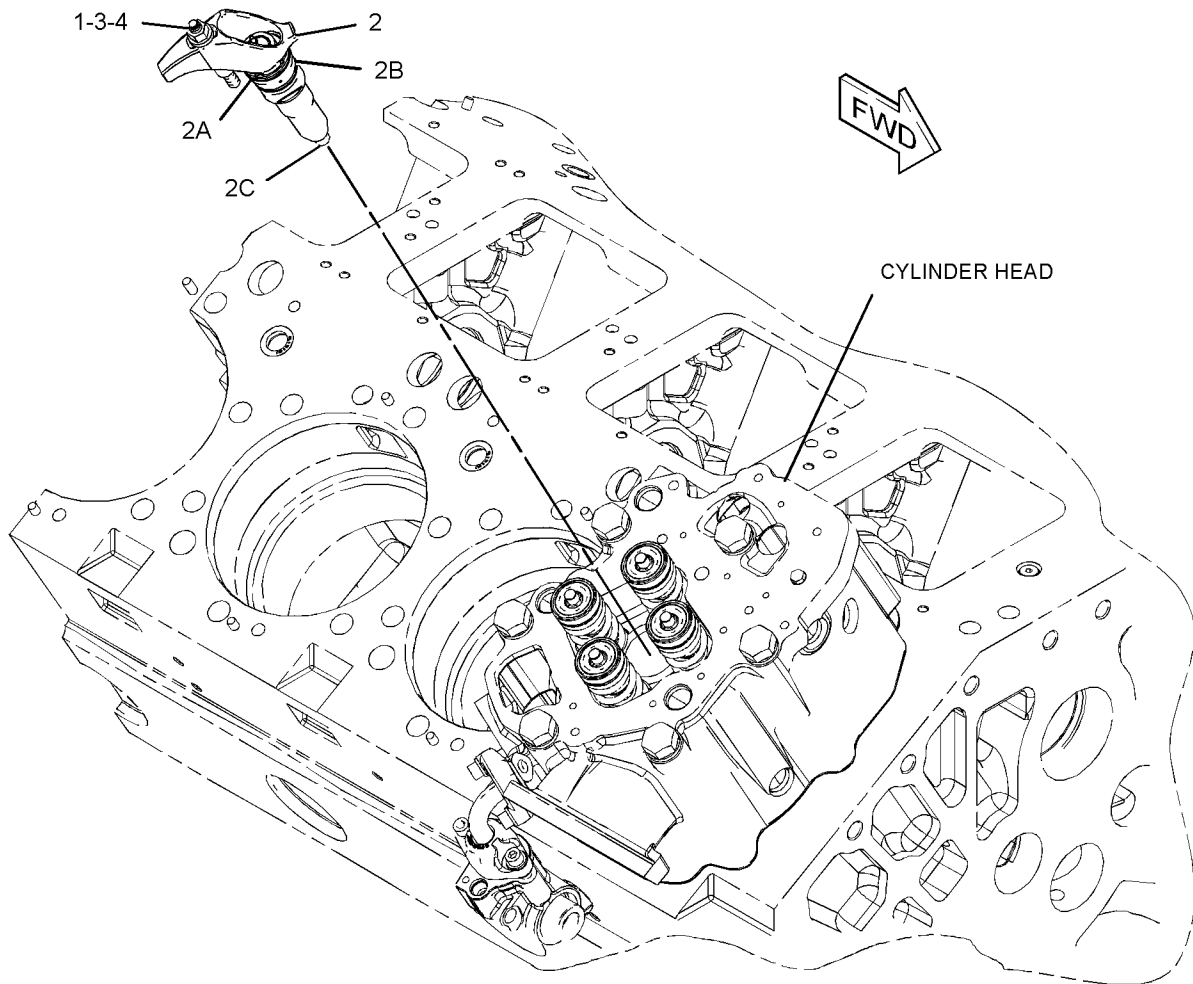
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1251, 1254, 1290, 1713

i02444251

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	246-6677	1	STUD						
	2	1	278-5493	1	INJECTOR GP-FUEL						
	2A	1	243-5742	1	SEAL-O RING						
	2B	1	243-5741	1	SEAL-O RING						
	2C	1	8C-3132	1	SEAL-O-RING						
	3	1	2M-0849	1	WASHER-HARD (13.5X25.5X5-MM THK)						
M	4	1	6V-8149	1	NUT (M12X1.75-THD)						

M-METRIC PART



GRAPHIC #1

<END>

g01222781

FUEL SYSTEM

247-4908 LINES GP-FUEL-RETURN

S/N: WYB1-UP

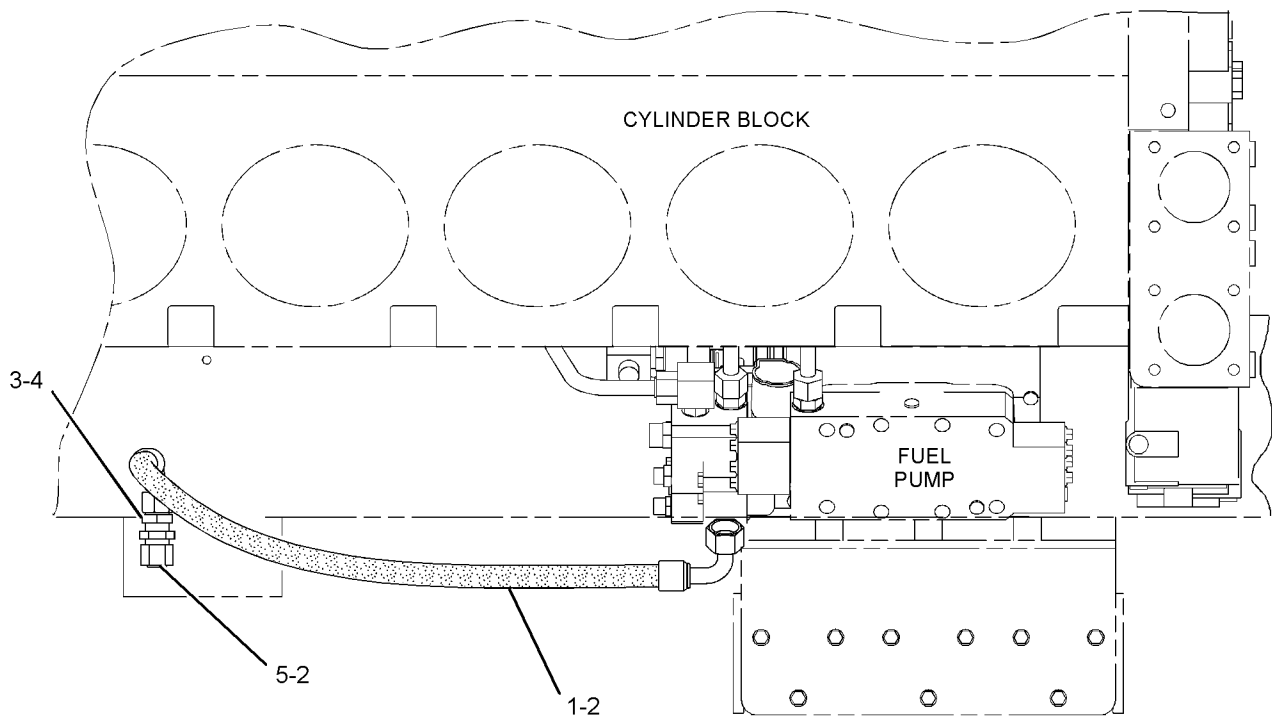
FOR USE WITH ENGINE W/O MOUNTED FUEL COOLER
AN ATTACHMENT

SMCS-1274

i02495776

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	259-9182	1	HOSE AS						
	2	1	228-7092	2	SEAL-O-RING						
	3	1	2P-1293	1	LOCKNUT (1-3/16-12-THD)						
	4	1	6V-8997	1	UNION						
	5	1	6V-9832	1	CAP AS						

I-REFER TO HYDRAULIC INFORMATION SYSTEM



GRAPHIC #1

<END>

g01250225

FUEL SYSTEM

247-4909 LINES GP-FUEL

S/N: WYB1-UP

FOR USE WITH RADIATOR MOUNTED FUEL COOLER
AN ATTACHMENT

SMCS-1274

i02495778

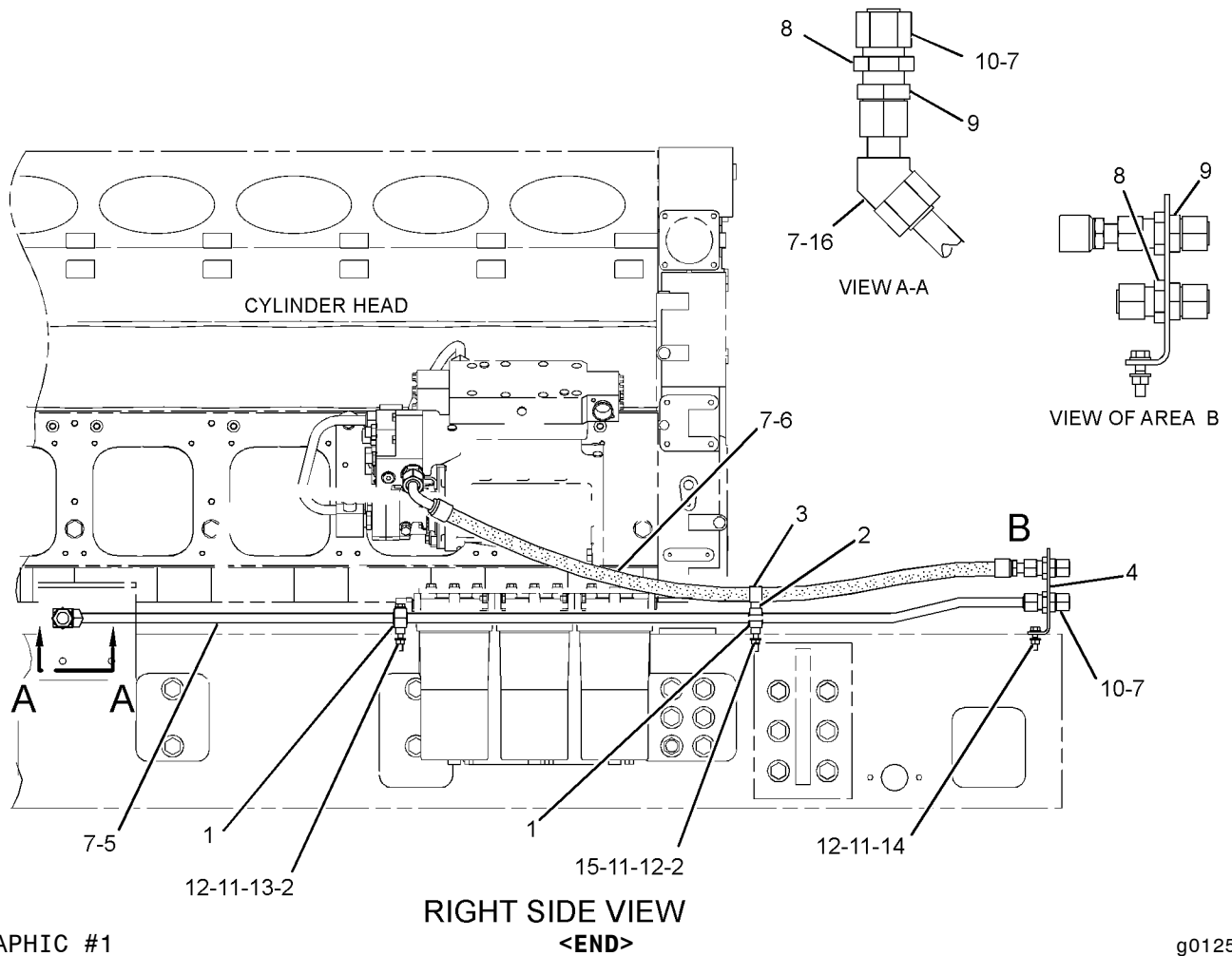
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4P-3563	4	CLAMP AS						
					(EACH INCLUDES)						
		1	108-1434	1	GROMMET						
	2	1	9M-4136	3	SPACER (0.438X0.75X0.5-IN THK)						
	3	1	134-5645	1	CLIP						
	4	1	247-4910	1	BRACKET						
	5	1	247-4911	1	TUBE AS						
I	6	1	259-9245	1	HOSE AS						
	7	1	228-7092	7	SEAL-O-RING						
	8	1	2P-1293	3	LOCKNUT (1-3/16-12-THD)						
	9	1	6V-8997	3	UNION						
	10	1	6V-9832	3	CAP AS						
	11	1	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)						
M	12	1	8T-4133	4	NUT (M10X1.5-THD)						
M	13	1	8T-4178	1	BOLT (M10X1.5X90-MM)						
M	14	1	8T-4186	2	BOLT (M10X1.5X40-MM)						
M	15	1	8T-6685	1	BOLT (M10X1.5X110-MM)						
	16	1	8T-8899	1	ELBOW						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART

FUEL SYSTEM

247-4909 LINES GP-FUEL (contd.)

i02495778



GRAPHIC #1

RIGHT SIDE VIEW
<END>

g01250071

FUEL SYSTEM

260-9350 LINES GP-FUEL

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1274

i02444464

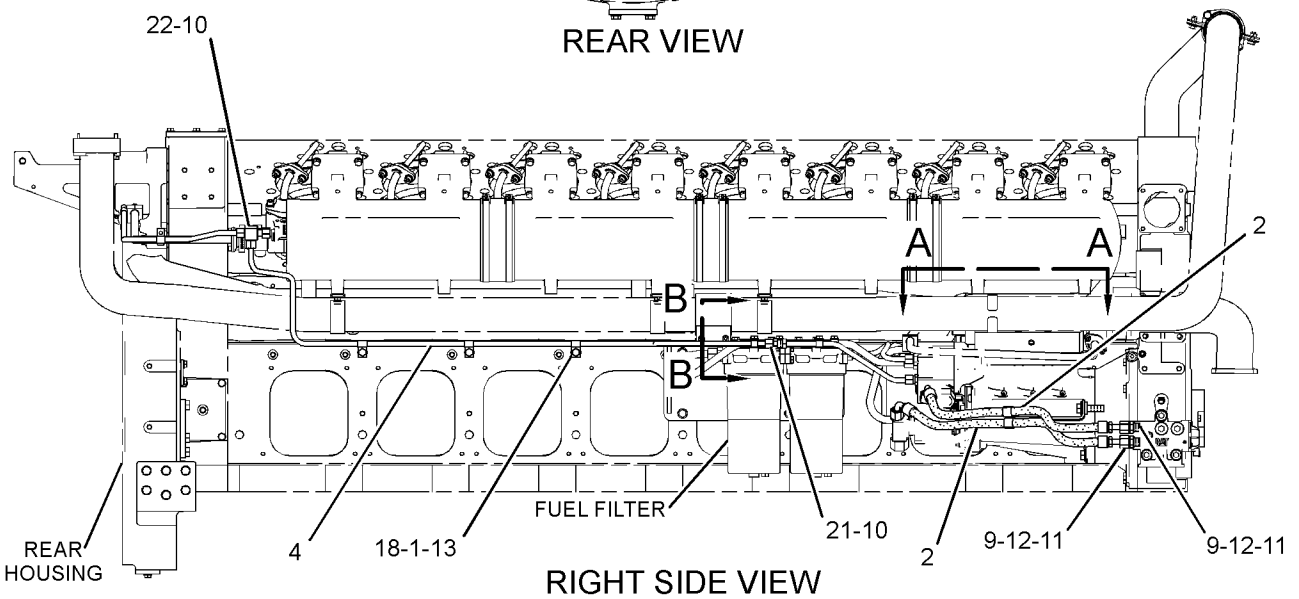
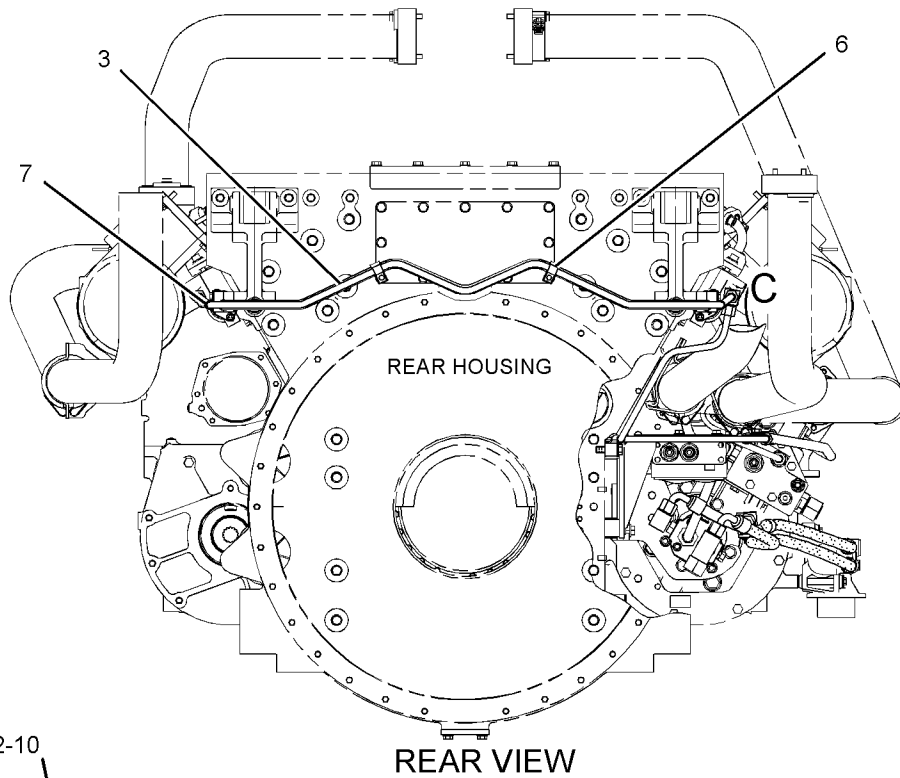
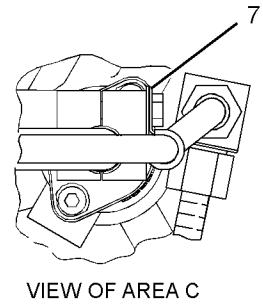
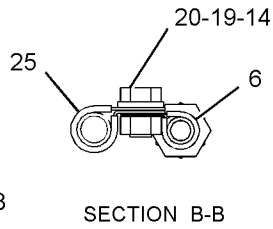
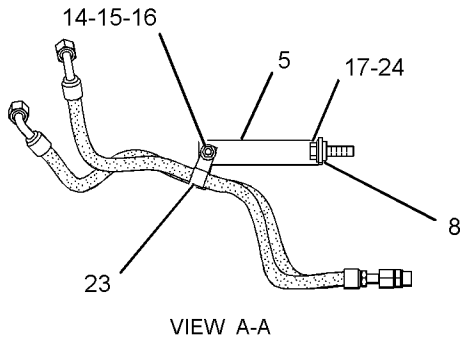
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1K-4649	3	SPACER (0.516X1X1-IN THK)						
I	2	1	247-3427	2	HOSE AS						
	3	1	260-9353	1	TUBE AS						
	4	1	260-9354	1	TUBE AS						
	5	1	262-1112	1	BRACKET						
	6	1	014-0582	3	CLIP						
	7	1	149-9129	2	CLIP						
	8	1	171-3010	1	WASHER-HARD (M17.5X32X7-MM THK)						
	9	1	227-0064	2	CONNECTOR						
	10	1	228-7090	4	SEAL-O-RING						
	11	1	228-7091	2	SEAL-O-RING						
	12	1	228-7105	2	SEAL-O-RING						
	13	1	2T-3019	3	CLIP						
M	14	1	2Y-5829	2	NUT (M10X1.15-THD)						
	15	1	3E-4353	2	WASHER-HARD (11X25X3-MM THK)						
M	16	1	6V-1820	1	BOLT (M10X1.5X30-MM)						
M	17	1	6V-3303	1	BOLT (M16X2X60-MM)						
M	18	1	6V-5684	3	BOLT (M12X1.75X45-MM)						
	19	1	6V-5839	1	WASHER (11X21X2.5-MM THK)						
M	20	1	6V-8212	1	BOLT (M10X1.5X16-MM)						
	21	1	6V-8731	1	UNION						
	22	1	6V-9837	1	TEE-SWIVEL						
	23	1	8S-0948	2	CLIP						
	24	1	8T-3282	1	WASHER-HARD (22X35X3.5-MM THK)						
	25	1	9M-8406	1	CLIP						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART

FUEL SYSTEM

260-9350 LINES GP-FUEL (contd.)

i02444464



GRAPHIC #1

<END>

g01224824

FUEL SYSTEM

274-7715 LINES GP-FUEL

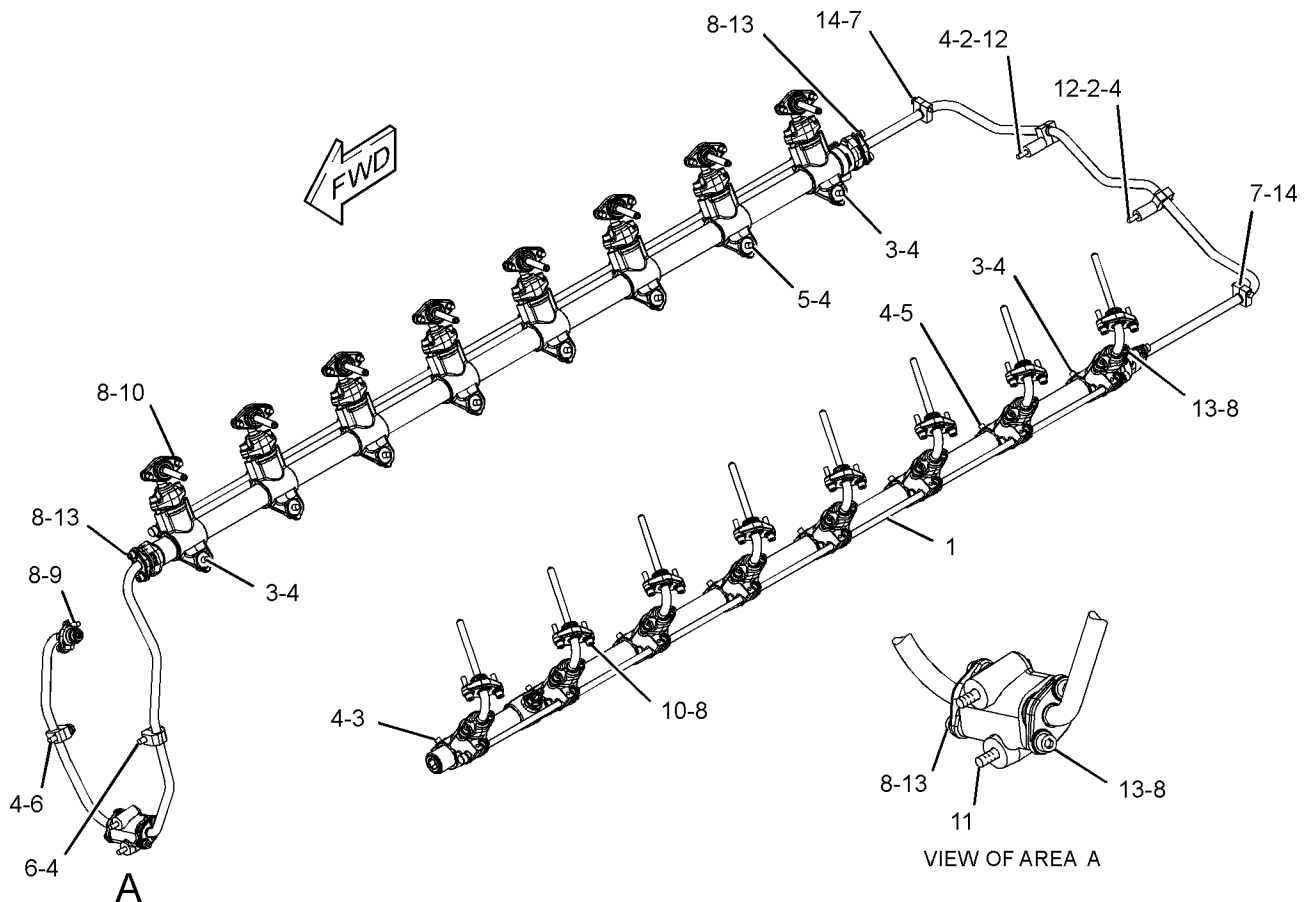
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1274

i02479824

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	272-0670	1	LINES GP-FUEL						
	2	1	138-7500	2	SPACER (11X25X50-MM THK)						
M	3	1	263-8744	4	BOLT (M10X1.75X30-MM)						
	4	1	5P-8245	20	WASHER-HARD (13.5X25.5X3-MM THK)						
M	5	1	6V-3668	12	BOLT (M12X1.75X30-MM)						
M	6	1	6V-3823	2	BOLT (M12X1.75X60-MM)						
M	7	1	6V-3918	2	BOLT (M8X1.25X50-MM)						
	8	1	6V-5839	44	WASHER (11X21X2.5-MM THK)						
M	9	1	8T-0271	2	BOLT-SOCKET HEAD (M10X1.5X35-MM)						
M	10	1	8T-2223	32	BOLT-SOCKET HEAD (M10X1.5X45-MM)						
M	11	1	8T-4172	2	BOLT (M10X1.5X80-MM)						
M	12	1	8T-5030	2	BOLT (M10X1.5X120-MM)						
M	13	1	8T-9515	10	BOLT-SOCKET HEAD (M10X1.5X40-MM)						
	14	1	9M-1974	2	WASHER-HARD (8.8X16X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01240847

FUEL SYSTEM

276-2710 LINES GP-FUEL

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1274

i02436896

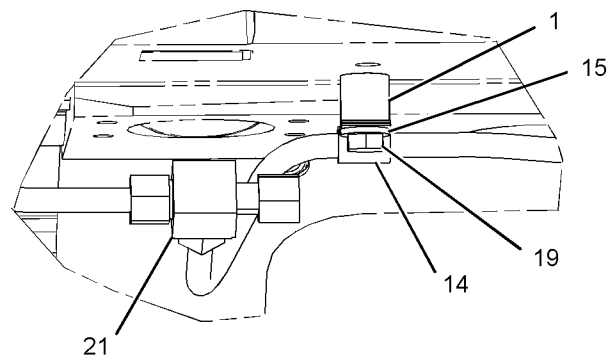
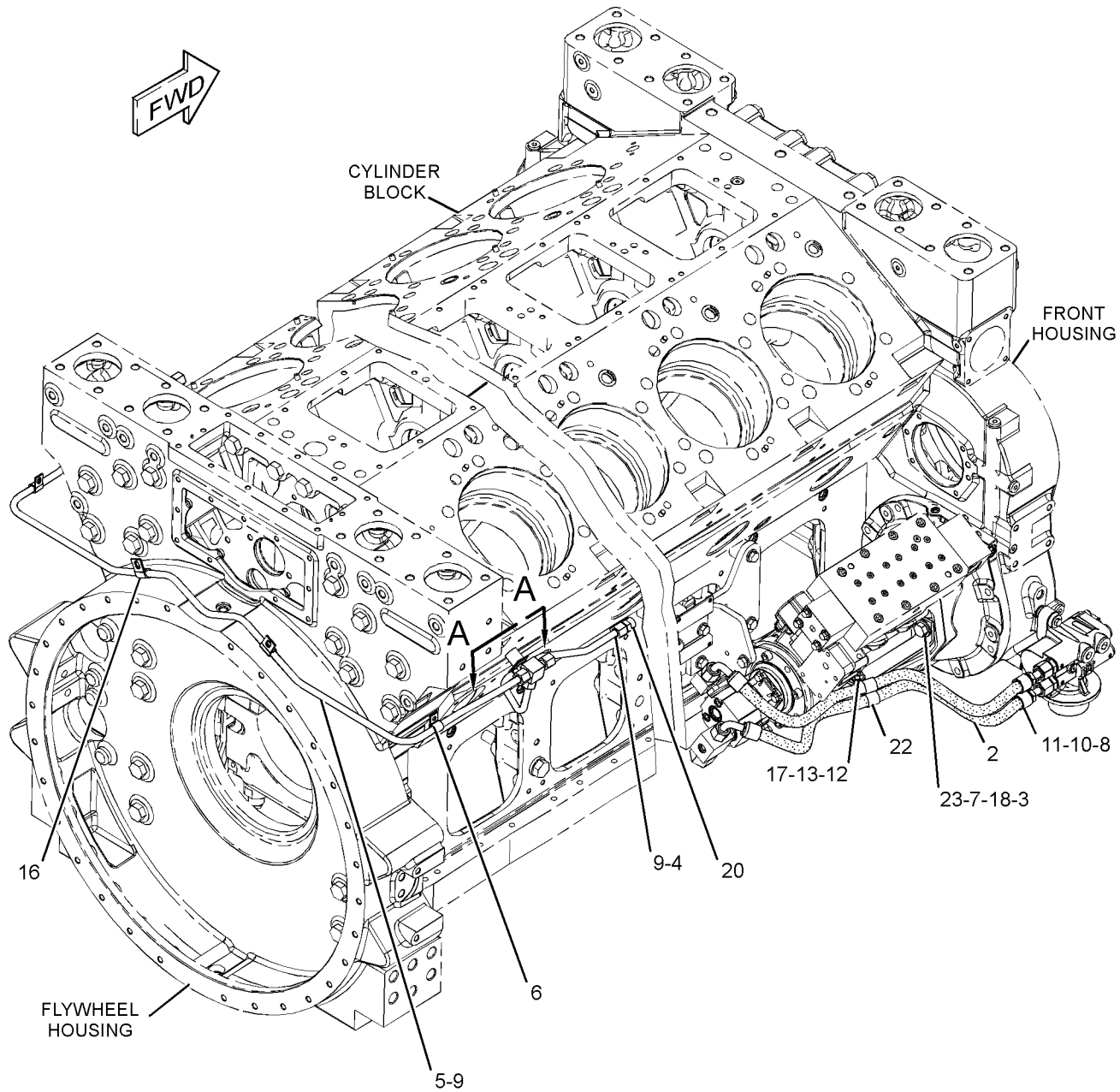
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1K-4649	1	SPACER (0.516X1X1-IN THK)						
I	2	1	247-3427	2	HOSE AS						
	3	1	262-1112	1	BRACKET						
	4	1	276-2714	1	TUBE AS						
	5	1	276-2715	1	TUBE AS						
	6	1	149-9129	2	CLIP						
	7	1	171-3010	1	WASHER-HARD (M17.5X32X7-MM THK)						
	8	1	227-0064	2	CONNECTOR						
	9	1	228-7090	4	SEAL-O-RING						
	10	1	228-7091	2	SEAL-O-RING						
	11	1	228-7105	2	SEAL-O-RING						
M	12	1	2Y-5829	1	NUT (M10X1.15-THD)						
	13	1	3E-4353	2	WASHER-HARD (11X25X3-MM THK)						
	14	1	5K-3294	1	CLIP						
	15	1	5P-8245	1	WASHER-HARD (13.5X25.5X3-MM THK)						
	16	1	5P-9299	2	CLIP						
M	17	1	6V-1820	1	BOLT (M10X1.5X30-MM)						
M	18	1	6V-3303	1	BOLT (M16X2X60-MM)						
M	19	1	6V-5684	1	BOLT (M12X1.75X45-MM)						
	20	1	6V-8731	1	UNION						
	21	1	6V-9837	1	TEE-SWIVEL						
	22	1	8S-0948	2	CLIP						
	23	1	8T-3282	1	WASHER-HARD (22X35X3.5-MM THK)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART

FUEL SYSTEM

276-2710 LINES GP-FUEL (contd.)

i02436896



GRAPHIC #1

<END>

VIEW A-A

g01221313

FUEL SYSTEM

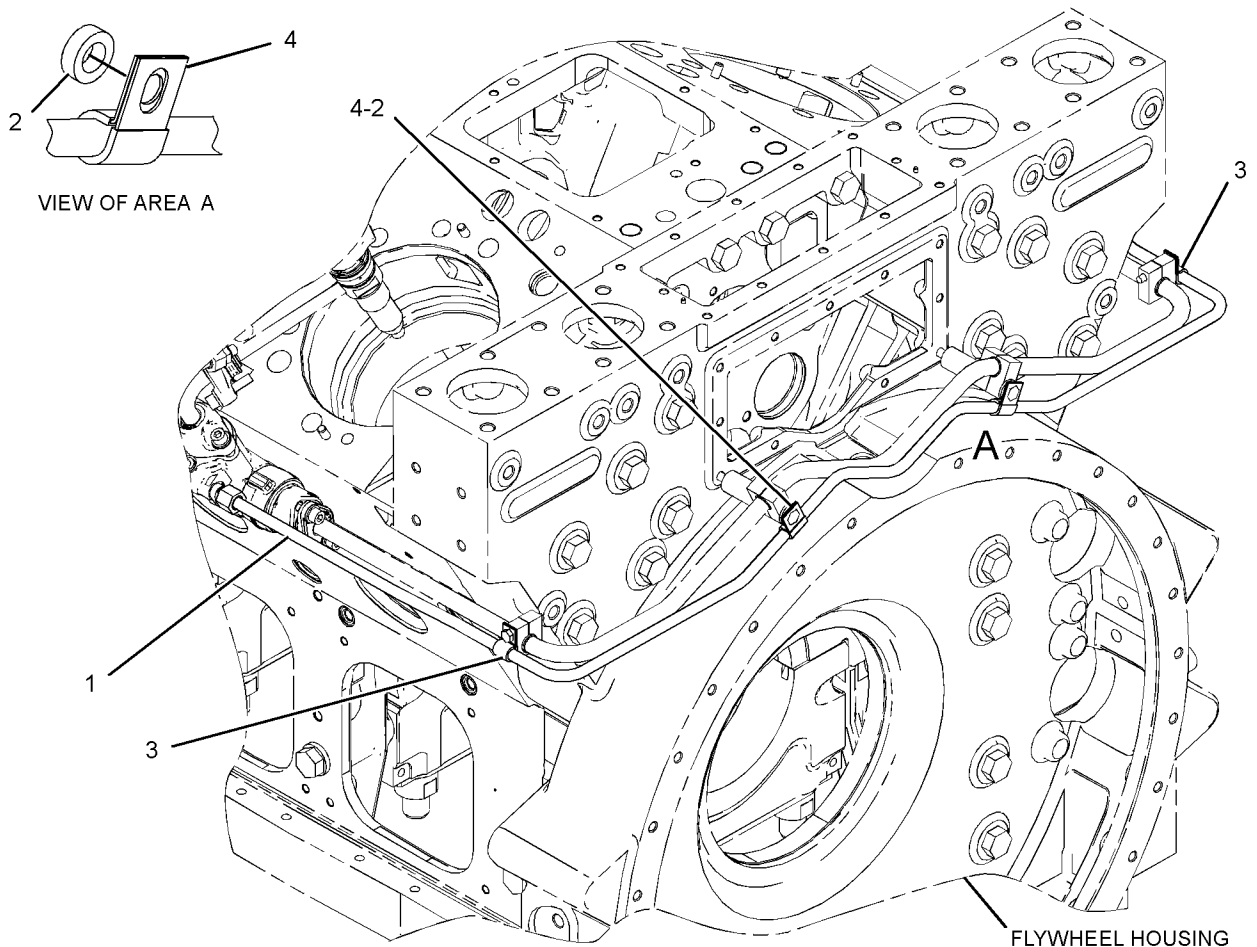
279-0783 LINES GP-FUEL

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1274

i02495789

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	287-7045	1	TUBE AS						
	2	1	132-7551	2	SPACER (11X19X6-MM THK)						
	3	1	149-9129	2	CLIP						
	4	1	5P-9299	2	CLIP						



GRAPHIC #1

<END>

g01250078

FUEL SYSTEM

286-4595 LINES GP-FUEL

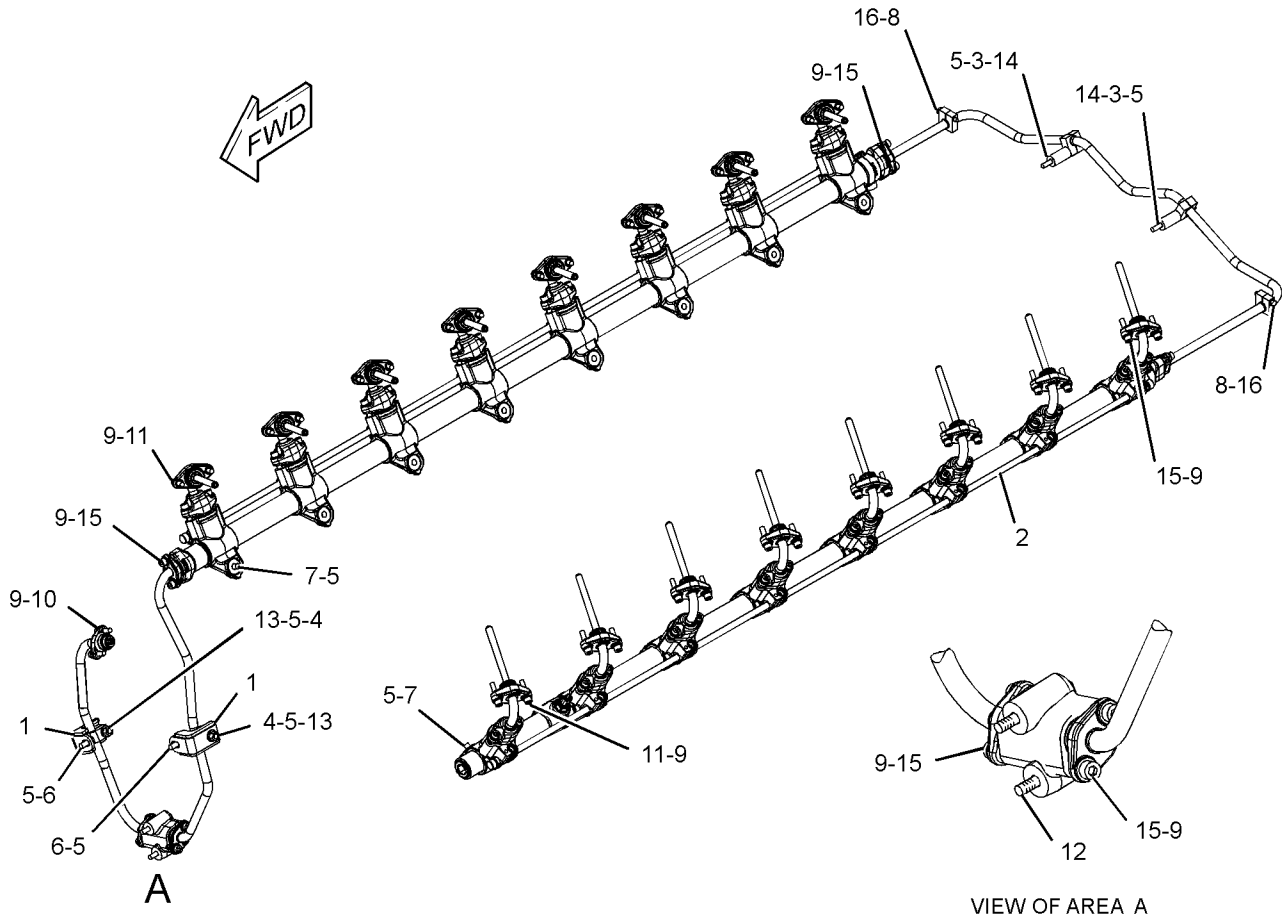
S/N: WYB1-UP
AN ATTACHMENT

SMCS - 1274

i02480343

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	286-4598	2	BRACKET AS						
	2	1	286-9905	1	LINES GP-FUEL						
	3	1	138-7500	2	SPACER (11X25X50-MM THK)						
M	4	1	160-8494	2	BOLT (M12X1.75X65-MM)						
	5	1	5P-8245	24	WASHER-HARD (13.5X25.5X3-MM THK)						
M	6	1	6A-5591	2	BOLT (M12X1.75X25-MM)						
M	7	1	6V-3668	16	BOLT (M12X1.75X30-MM)						
M	8	1	6V-3918	2	BOLT (M8X1.25X50-MM)						
	9	1	6V-5839	44	WASHER (11X21X2.5-MM THK)						
M	10	1	8T-0271	2	BOLT-SOCKET HEAD (M10X1.5X35-MM)						
M	11	1	8T-2223	32	BOLT-SOCKET HEAD (M10X1.5X45-MM)						
M	12	1	8T-4172	2	BOLT (M10X1.5X80-MM)						
M	13	1	8T-4244	2	NUT (M12X1.75-THD)						
M	14	1	8T-5030	2	BOLT (M10X1.5X120-MM)						
M	15	1	8T-9515	10	BOLT-SOCKET HEAD (M10X1.5X40-MM)						
	16	1	9M-1974	2	WASHER-HARD (8.8X16X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01240831

FUEL SYSTEM

247-4906 LINES GP-FUEL FILTER

S/N: WYB1-UP

FOR USE WITH PRIMARY FUEL FILTERS
AN ATTACHMENT

SMCS-1261, 1274

i02479822

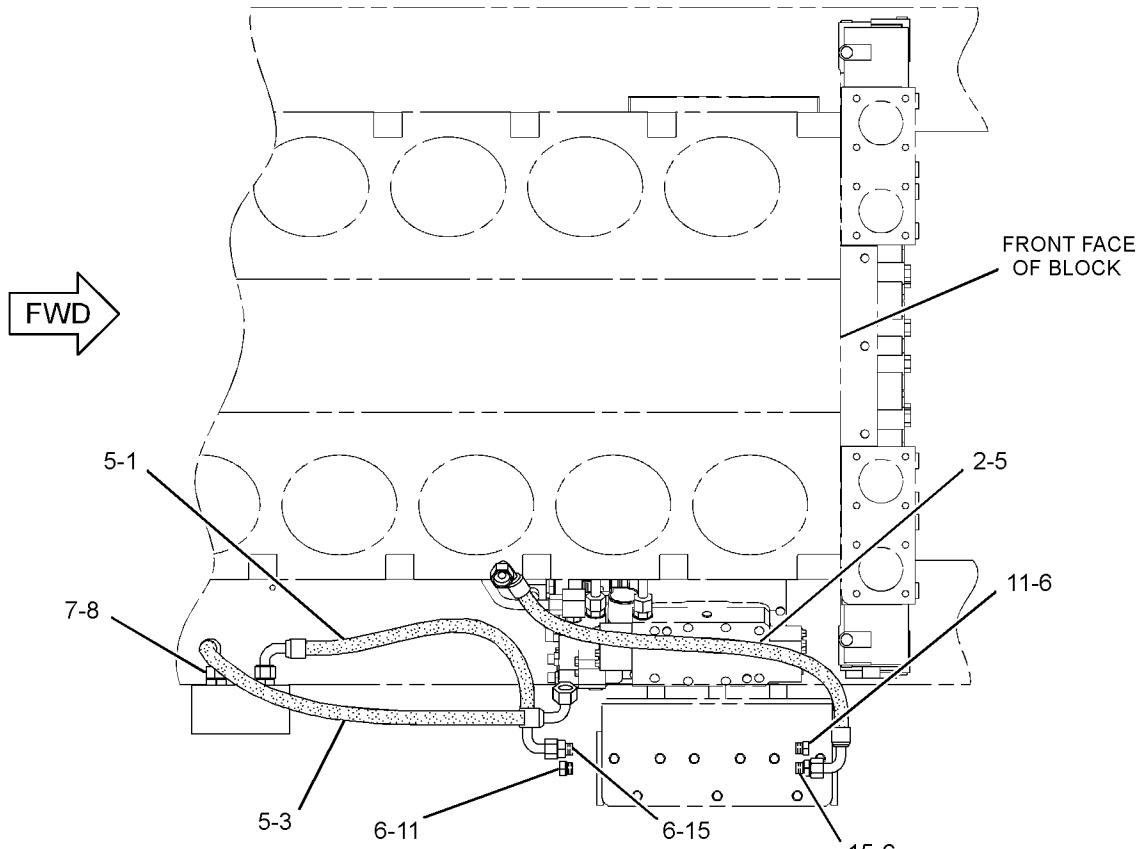
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	259-9180	1	HOSE AS						
I	2	1	259-9181	1	HOSE AS						
I	3	1	259-9182	1	HOSE AS						
	4	1	266-0150	1	BRACKET						
	5	1	228-7092	6	SEAL-O-RING						
	6	1	228-7105	4	SEAL-O-RING						
	7	1	2P-1293	2	LOCKNUT (1-3/16-12-THD)						
	8	1	6V-8997	2	UNION						
	9	1	6V-9832	2	CAP AS						
	10	1	7X-7729	2	WASHER (11X25X3-MM THK)						
	11	1	8C-4424	2	PLUG						
	12	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
M	13	1	8T-4133	2	NUT (M10X1.5-THD)						
M	14	1	8T-4182	2	BOLT (M10X1.5X45-MM)						
	15	1	8T-7492	2	CONNECTOR						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART

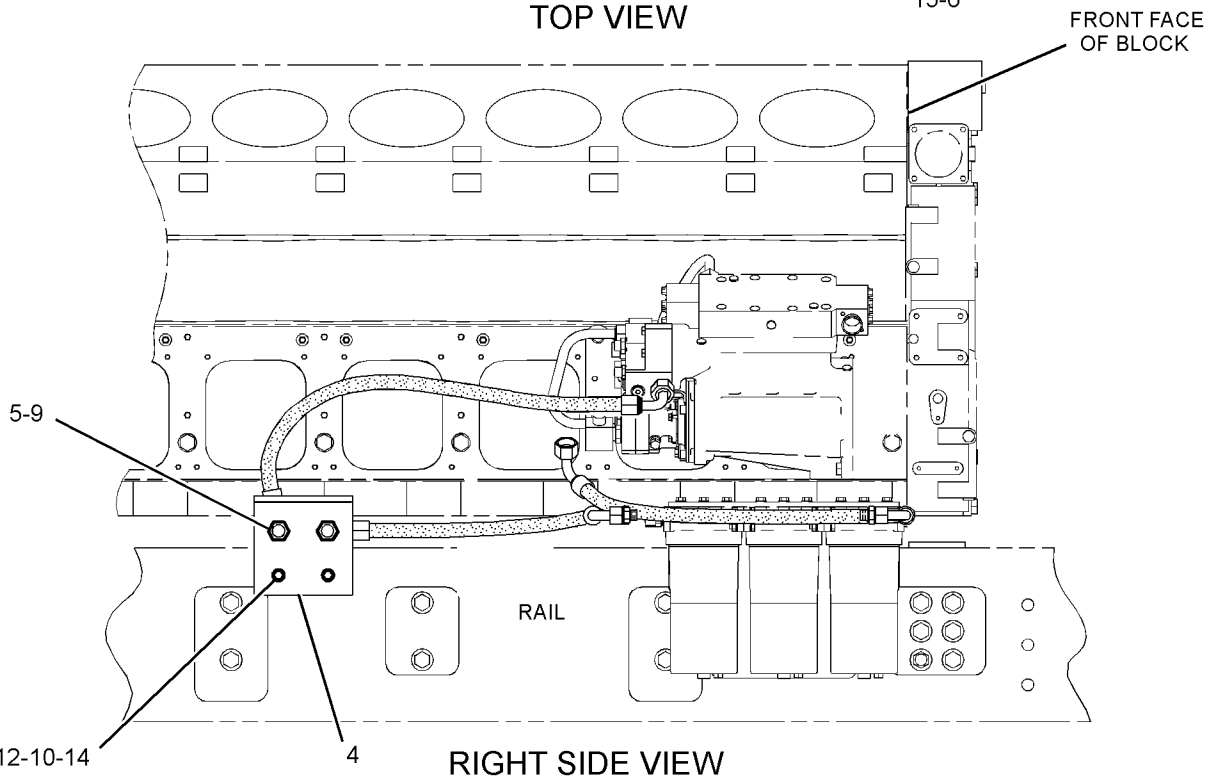
FUEL SYSTEM

247-4906 LINES GP-FUEL FILTER (contd.)

i02479822



TOP VIEW



RIGHT SIDE VIEW

<END>

GRAPHIC #1

g01243203

FUEL SYSTEM

260-9352 LINES GP-FUEL FILTER

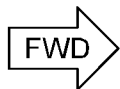
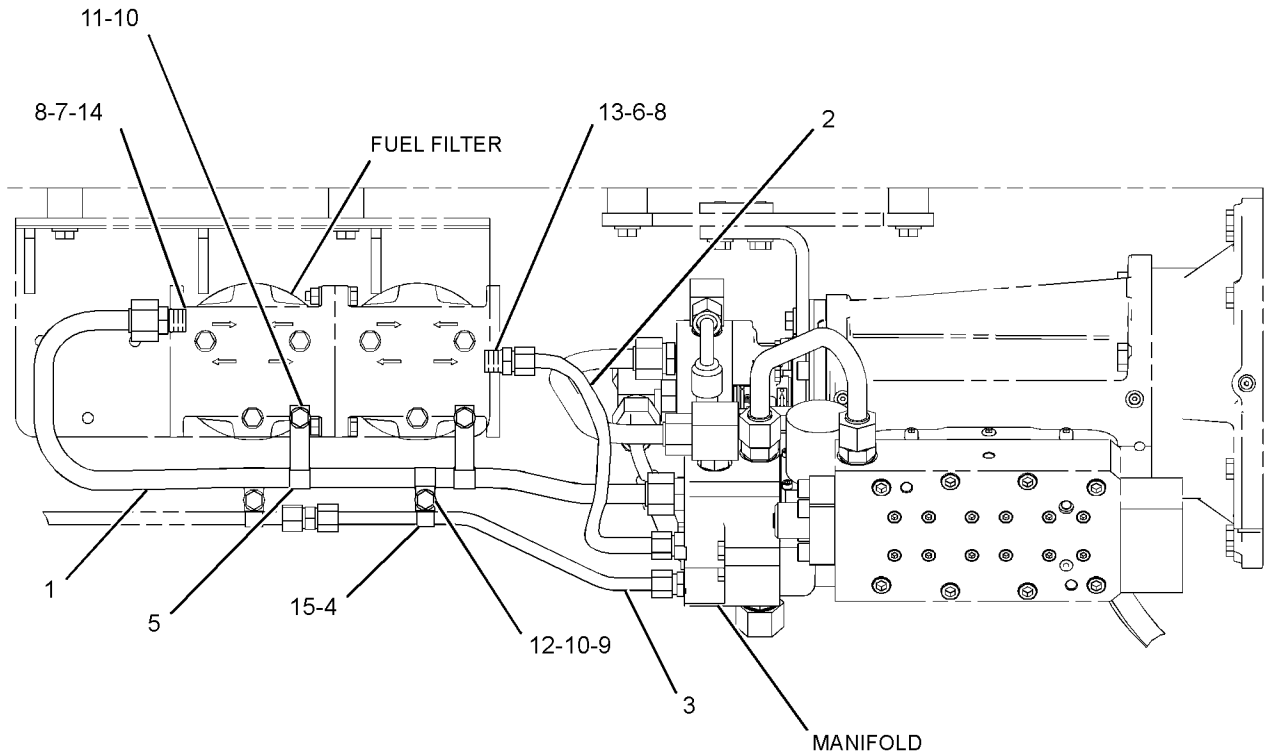
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1261, 1274

i02444467

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	260-9358	1	TUBE AS						
	2	1	260-9359	1	TUBE AS						
	3	1	260-9360	1	TUBE AS						
	4	1	014-0582	1	CLIP						
	5	1	1P-7009	2	CLIP						
	6	1	228-7090	1	SEAL-O-RING						
	7	1	228-7092	1	SEAL-O-RING						
	8	1	228-7105	2	SEAL-O-RING						
M	9	1	2Y-5829	1	NUT (M10X1.15-THD)						
	10	1	6V-5839	3	WASHER (11X21X2.5-MM THK)						
M	11	1	6V-6317	2	BOLT (M10X1.5X20-MM)						
M	12	1	6V-8212	1	BOLT (M10X1.5X16-MM)						
	13	1	8T-7491	1	CONNECTOR						
	14	1	8T-7493	1	CONNECTOR						
	15	1	9M-8406	1	CLIP						

M-METRIC PART



TOP VIEW

GRAPHIC #1

<END>

g01224841

FUEL SYSTEM

263-9468 LINES GP-FUEL FILTER-SECONDARY

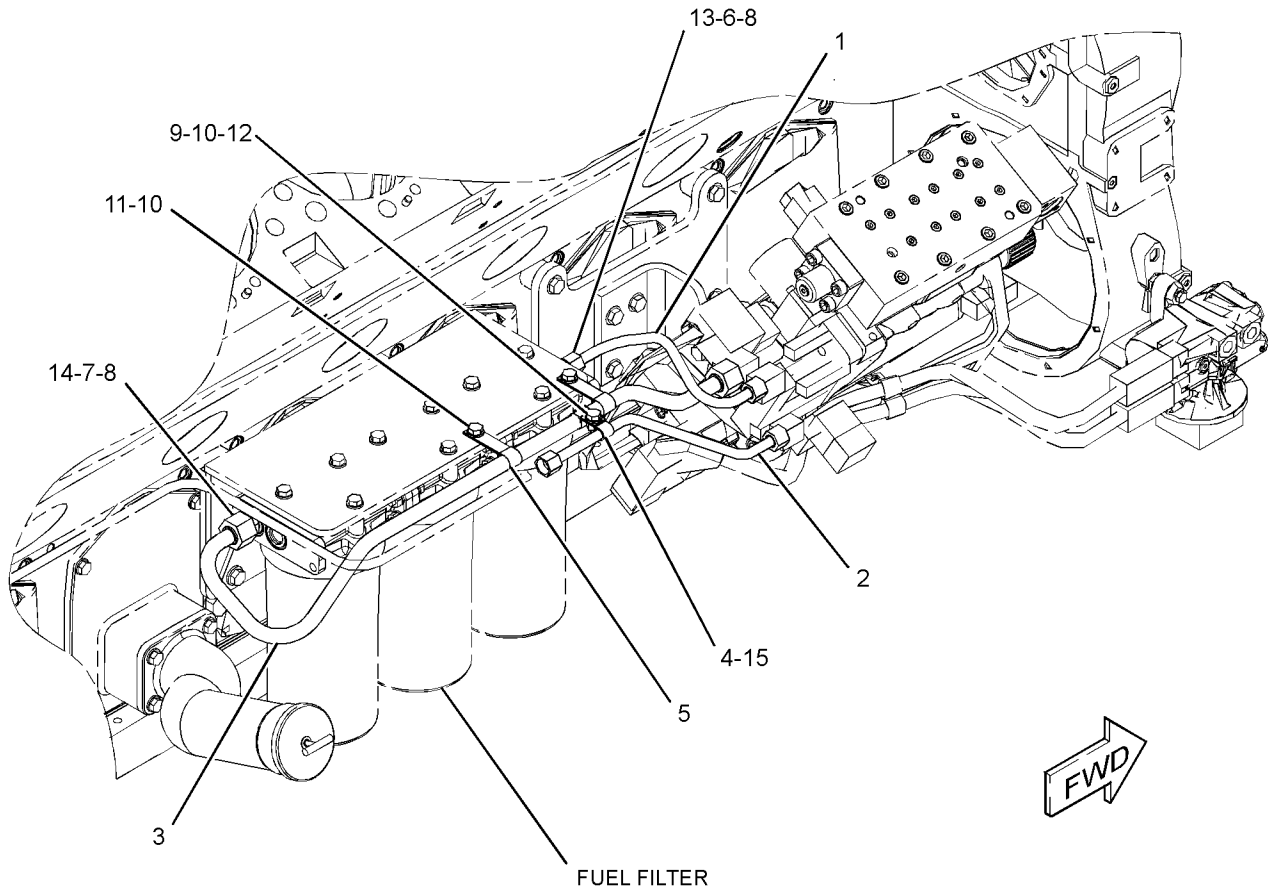
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1261, 1274

i02444485

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	260-9359	1	TUBE AS						
	2	1	260-9360	1	TUBE AS						
	3	1	265-2129	1	TUBE AS						
	4	1	014-0582	1	CLIP						
	5	1	1P-7009	2	CLIP						
	6	1	228-7090	1	SEAL-O-RING						
	7	1	228-7092	1	SEAL-O-RING						
	8	1	228-7105	2	SEAL-O-RING						
M	9	1	2Y-5829	1	NUT (M10X1.15-THD)						
	10	1	6V-5839	3	WASHER (11X21X2.5-MM THK)						
M	11	1	6V-6317	2	BOLT (M10X1.5X20-MM)						
M	12	1	6V-8212	1	BOLT (M10X1.5X16-MM)						
	13	1	8T-7491	1	CONNECTOR						
	14	1	8T-7493	1	CONNECTOR						
	15	1	9M-8406	1	CLIP						

M-METRIC PART



GRAPHIC #1

<END>

g01224845

FUEL SYSTEM

271-2816 LINES GP-FUEL FILTER-PRIMARY

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1261, 1274

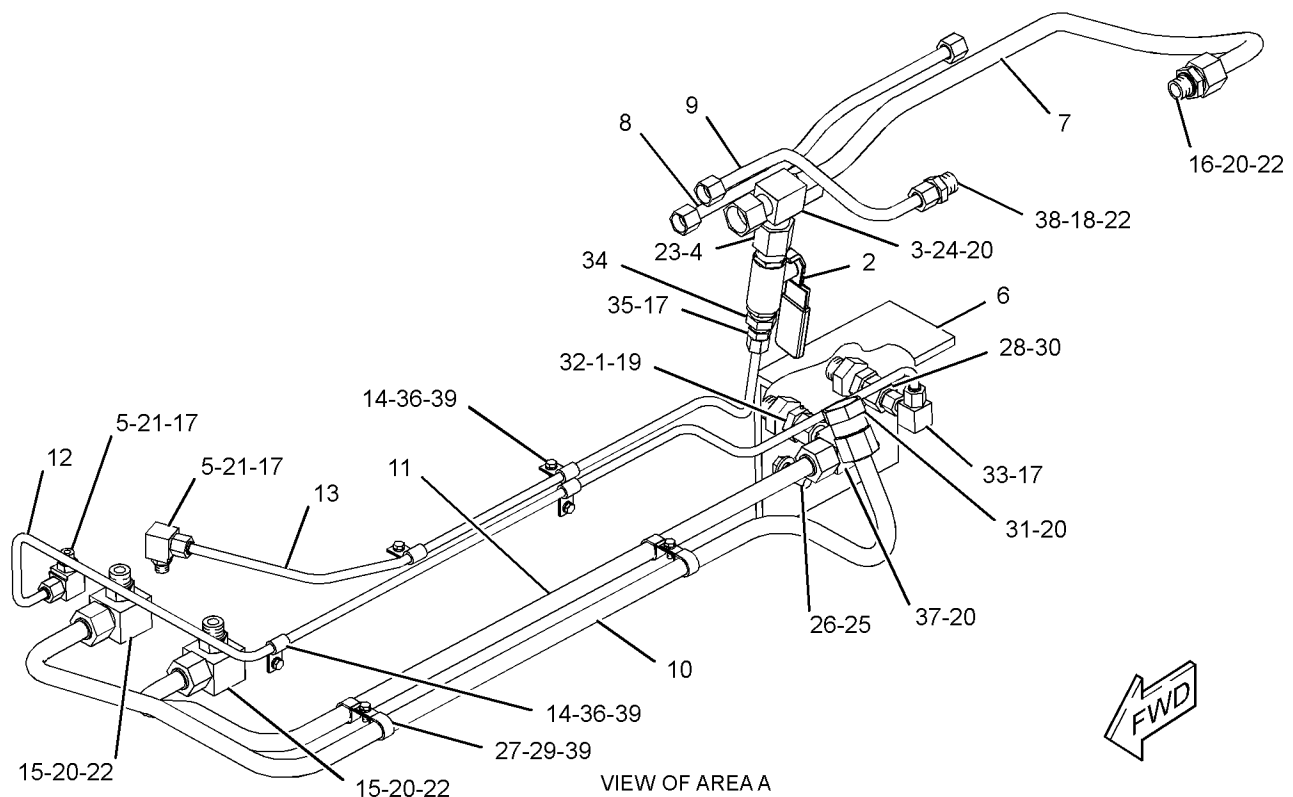
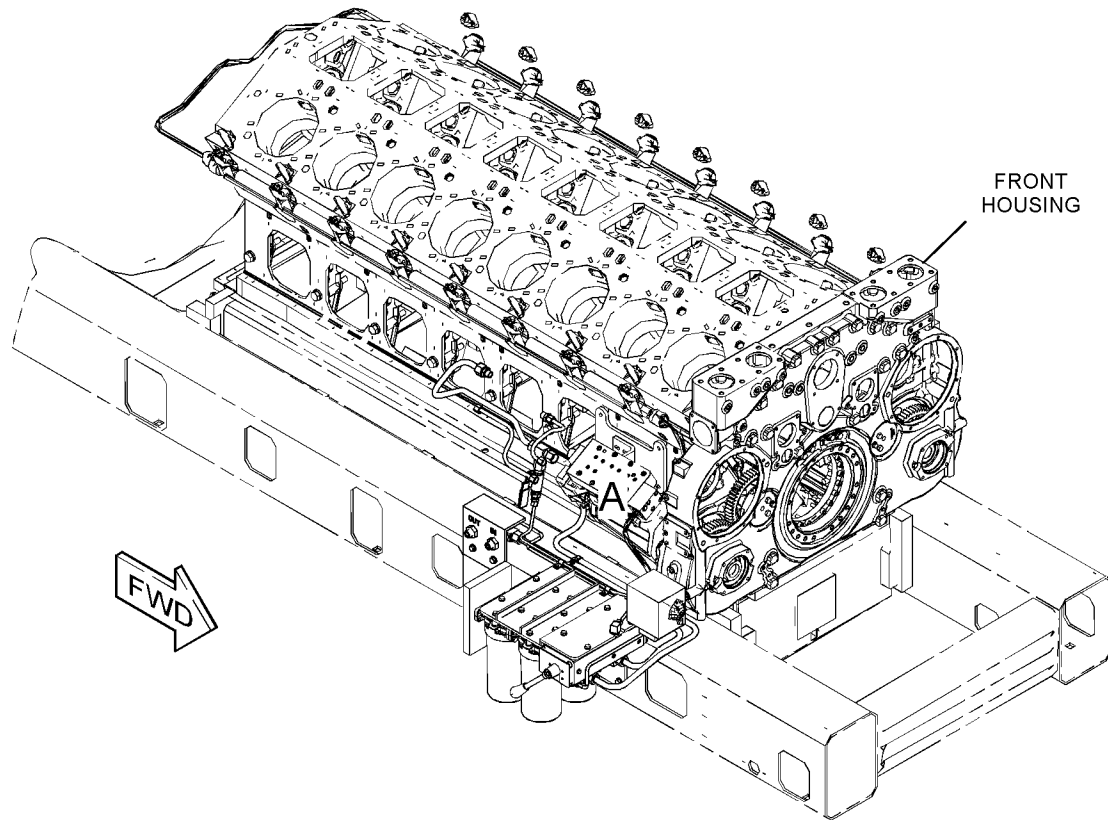
i02440978

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7J-6163	2	NUT (1-14-THD)						
	2	1	8C-1358	1	VALVE-BALL						
	3	1	9X-2289	1	TEE-SWIVEL						
	4	1	9Y-2238	1	BUSHING-PLUG						
	5	1	126-3779	2	ELBOW						
	6	1	266-0150	1	BRACKET						
	7	1	275-2295	1	TUBE AS						
	8	1	275-2296	1	TUBE AS						
	9	1	275-2297	1	TUBE AS						
	10	1	275-2298	1	TUBE AS						
	11	1	275-2299	1	TUBE AS						
	12	1	275-2300	1	TUBE AS						
	13	1	275-2301	1	TUBE AS						
	14	1	118-5125	4	CLIP						
	15	1	215-3665	2	ELBOW						
	16	1	227-5715	1	CONNECTOR						
	17	1	228-7089	5	SEAL-O-RING						
	18	1	228-7090	1	SEAL-O-RING						
	19	1	228-7091	2	SEAL-O-RING						
	20	1	228-7092	6	SEAL-O-RING						
	21	1	228-7101	2	SEAL-O-RING						
	22	1	228-7105	4	SEAL-O-RING						
	23	1	3B-7745	1	FITTING						
	24	1	3K-0360	1	SEAL-O-RING						
	25	1	5P-8245	2	WASHER-HARD (13.5X25.5X3-MM THK)						
M	26	1	6V-3668	2	BOLT (M12X1.75X30-MM)						
	27	1	6V-4369	4	CLIP						
	28	1	6V-8555	1	NUT-FACE SEAL (1-14-THD)						
M	29	1	6V-8837	2	BOLT (M6X1X16-MM)						
	30	1	6V-8938	1	REDUCER-O-RING						
	31	1	6V-8946	1	REDUCER						
	32	1	6V-8996	2	UNION						
	33	1	6V-9850	1	ELBOW						
	34	1	8B-2664	1	BUSHING-REDUCER						
	35	1	8C-6870	1	CONNECTOR						
M	36	1	8T-0639	4	BOLT (M6X1X12-MM)						
	37	1	8T-1718	1	ELBOW						
	38	1	8T-7491	1	CONNECTOR						
	39	1	9X-8267	6	WASHER (6.6X12X2-MM THK)						
M-METRIC PART											

FUEL SYSTEM

271-2816 LINES GP-FUEL FILTER (contd.)

i02440978



GRAPHIC #1

<END>

g01224195

FUEL SYSTEM

279-0764 LINES GP-FUEL FILTER

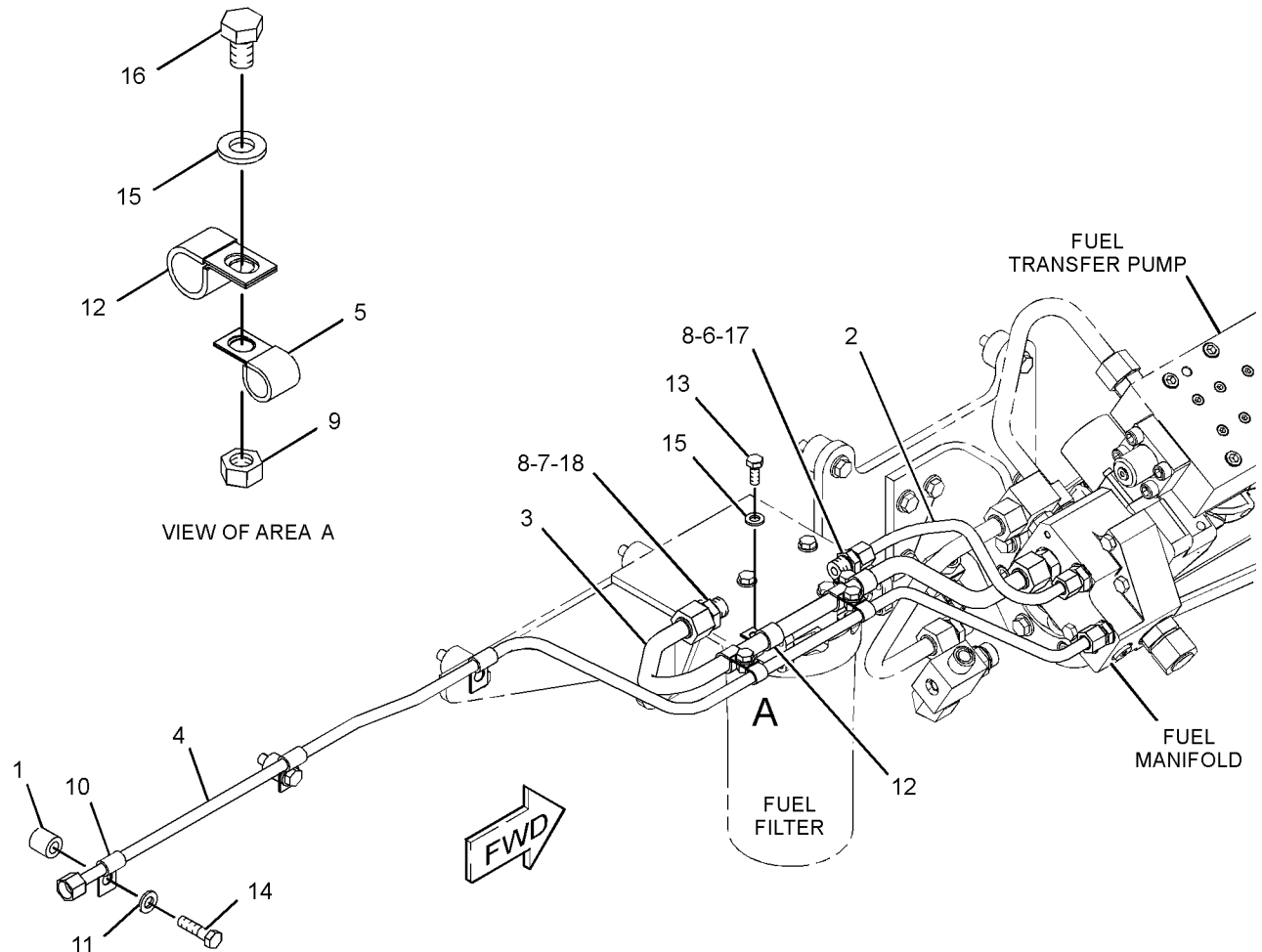
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1261, 1274

i02479820

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1K-4649	2	SPACER (0.516X1X1-IN THK)						
	2	1	260-9359	1	TUBE AS						
	3	1	279-0765	1	TUBE AS						
	4	1	279-0770	1	TUBE AS						
	5	1	014-0582	2	CLIP						
	6	1	228-7090	1	SEAL-O-RING						
	7	1	228-7091	1	SEAL-O-RING						
	8	1	228-7105	2	SEAL-O-RING						
M	9	1	2Y-5829	2	NUT (M10X1.15-THD)						
	10	1	5K-3294	3	CLIP						
	11	1	5P-8245	2	WASHER-HARD (13.5X25.5X3-MM THK)						
	12	1	6D-4246	4	CLIP						
M	13	1	6V-4248	2	BOLT (M10X1.5X25-MM)						
M	14	1	6V-5684	2	BOLT (M12X1.75X45-MM)						
	15	1	6V-5839	4	WASHER (11X21X2.5-MM THK)						
M	16	1	6V-8212	2	BOLT (M10X1.5X16-MM)						
	17	1	8T-7491	1	CONNECTOR						
	18	1	8T-7492	1	CONNECTOR						

M-METRIC PART



GRAPHIC #1

<END>

g01239185

FUEL SYSTEM

287-7047 LINES GP-FUEL FILTER

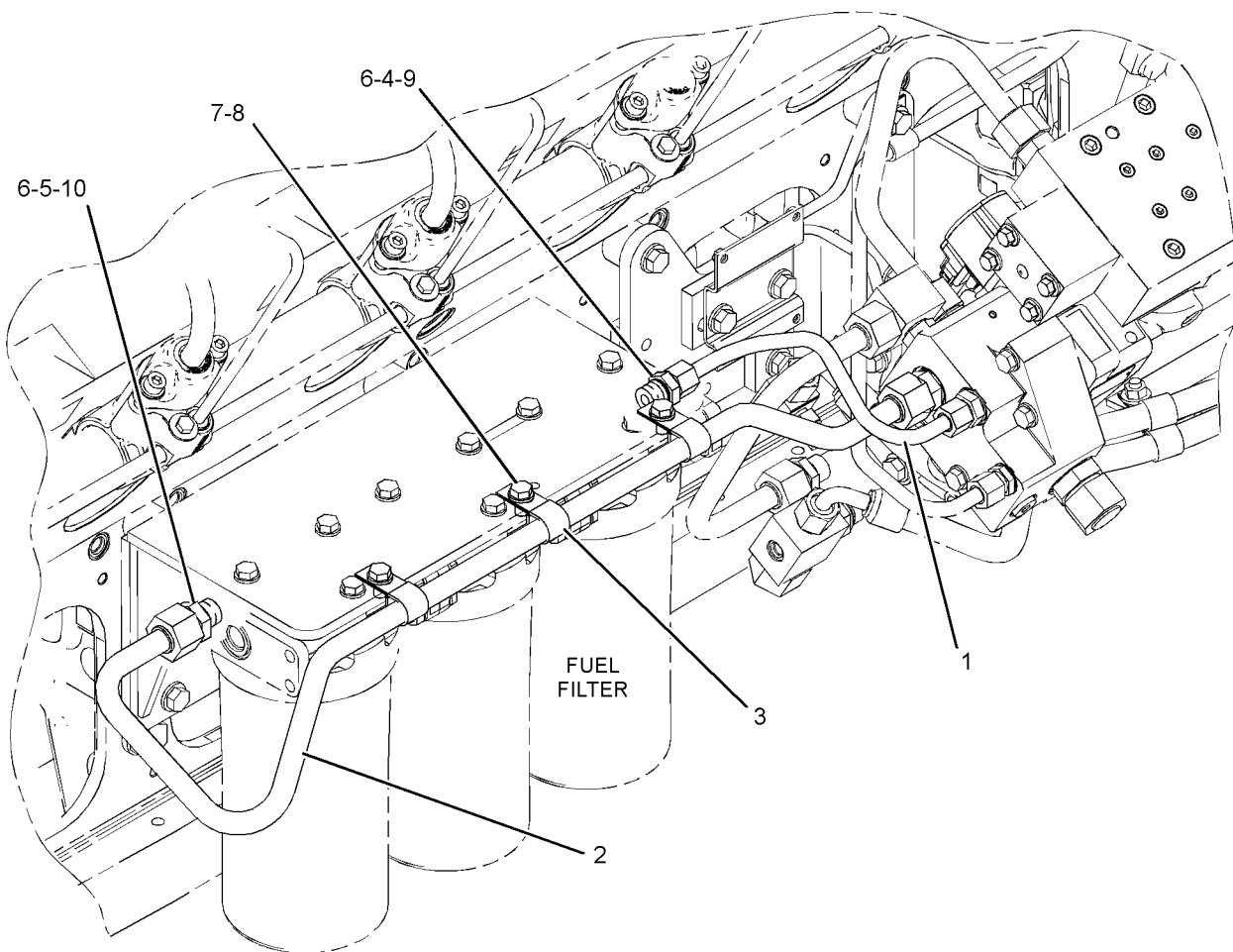
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1261, 1274

i02495787

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	260-9359	1	TUBE AS						
	2	1	287-7048	1	TUBE AS						
	3	1	1S-1015	3	CLIP						
	4	1	228-7090	1	SEAL-O-RING						
	5	1	228-7091	1	SEAL-O-RING						
	6	1	228-7105	2	SEAL-O-RING						
	7	1	6V-5839	3	WASHER (11X21X2.5-MM THK)						
M	8	1	6V-6317	3	BOLT (M10X1.5X20-MM)						
	9	1	8T-7491	1	CONNECTOR						
	10	1	8T-7492	1	CONNECTOR						

M-METRIC PART



GRAPHIC #1

<END>

g01250724

FUEL SYSTEM

260-9334 LINES GP-FUEL INJECTION

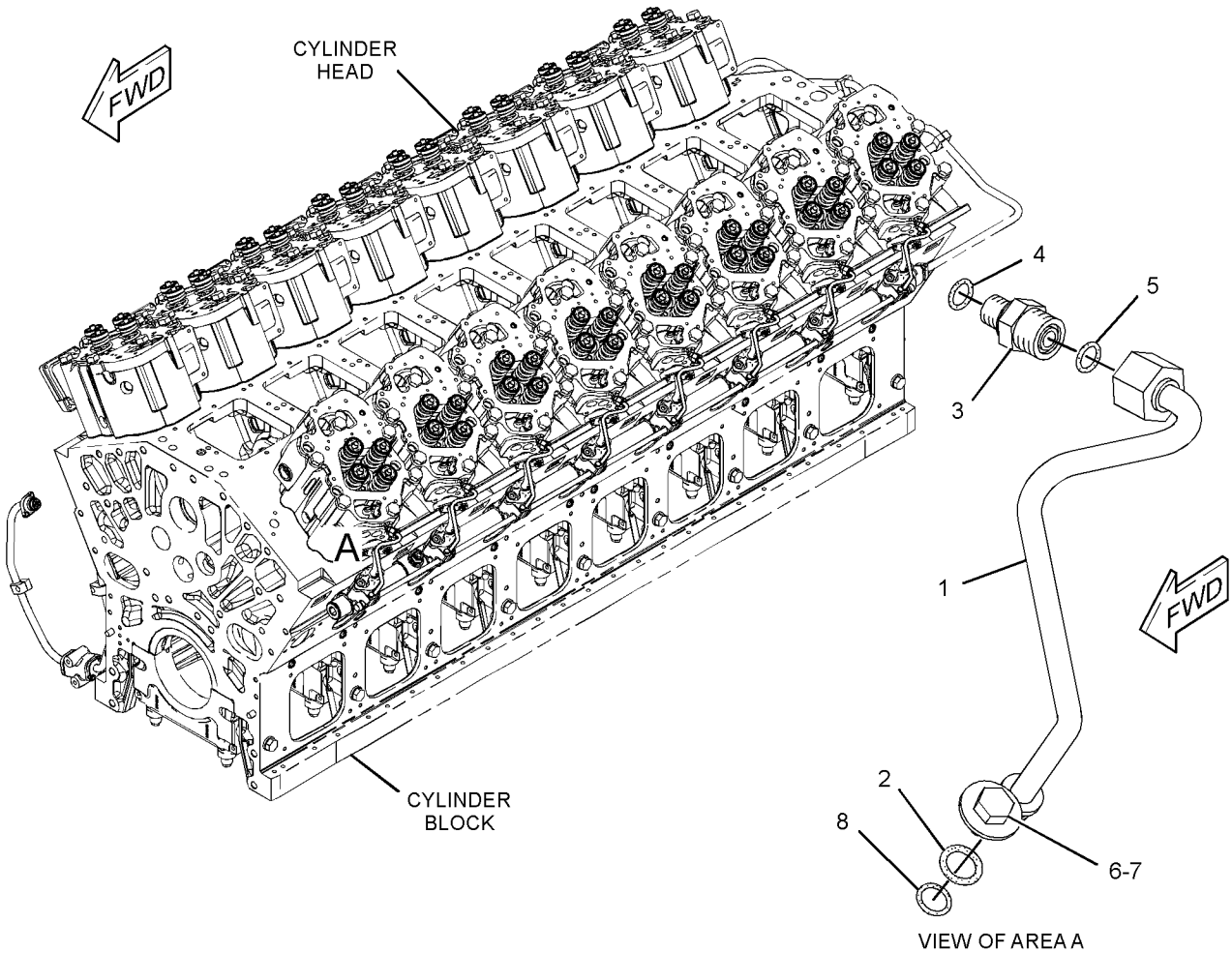
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1252, 1254

i02444463

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	260-9336	16	TUBE AS						
	2	1	123-4724	16	SEAL-O-RING						
	3	1	228-6046	16	CONNECTOR						
	4	1	228-7089	16	SEAL-O-RING						
	5	1	228-7100	16	SEAL-O-RING						
M	6	1	8T-0642	16	BOLT (M8X1.25X14-MM)						
	7	1	9N-0869	16	WASHER-HARD (8.8X25.5X2-MM THK)						
	8	1	9X-7381	16	SEAL-O-RING						

M-METRIC PART



GRAPHIC #1

<END>

g01224904

FUEL SYSTEM

284-8348 LINES GP-FUEL INJECTION

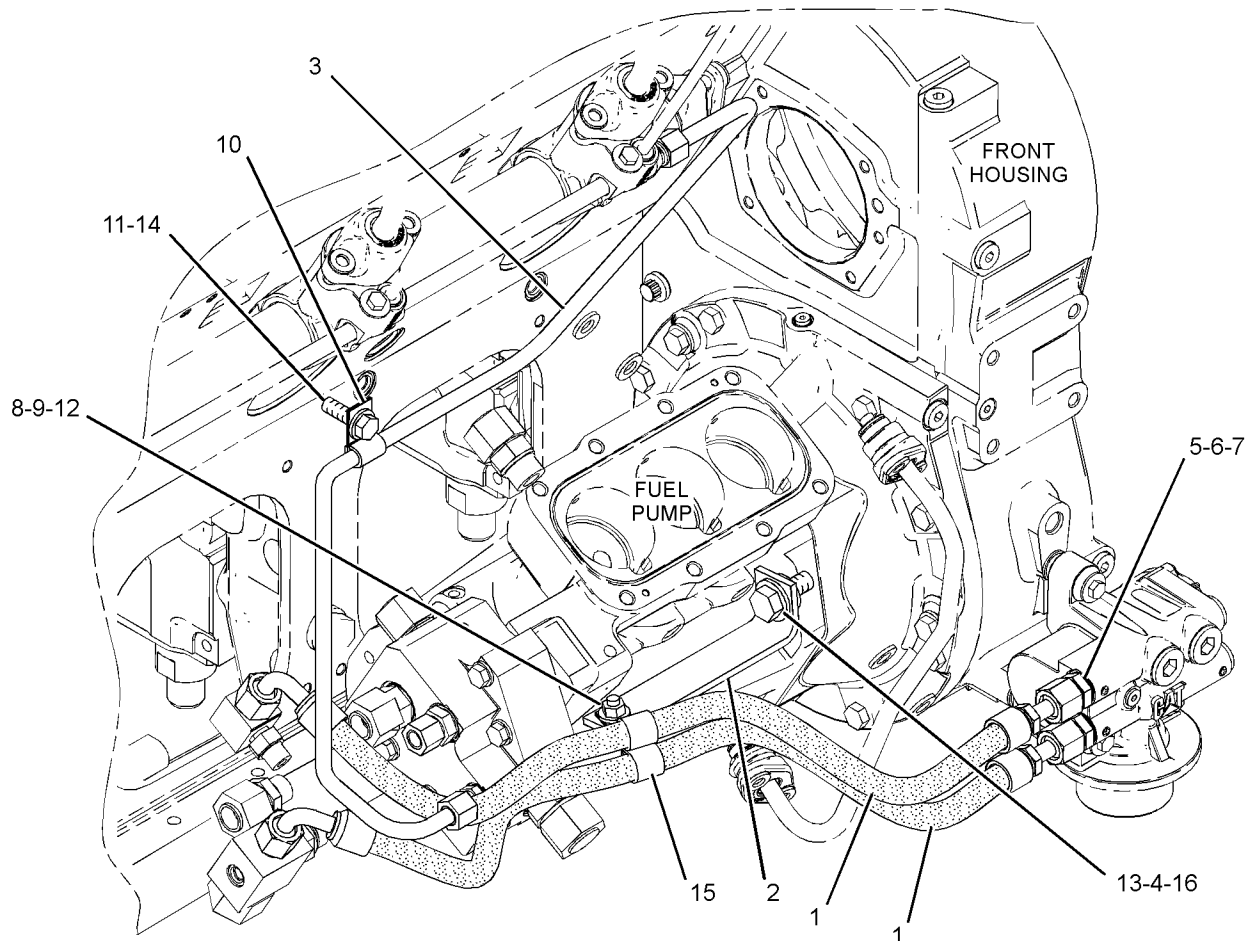
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1252, 1254

i02495769

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
I	1	1	247-3427	2	HOSE AS						
	2	1	262-1112	1	BRACKET						
	3	1	287-7046	1	TUBE AS						
	4	1	171-3010	1	WASHER-HARD (M17.5X32X7-MM THK)						
	5	1	227-0064	2	CONNECTOR						
	6	1	228-7091	2	SEAL-O-RING						
	7	1	228-7105	2	SEAL-O-RING						
M	8	1	2Y-5829	1	NUT (M10X1.15-THD)						
	9	1	3E-4353	2	WASHER-HARD (11X25X3-MM THK)						
	10	1	5K-3294	1	CLIP						
	11	1	5P-8245	1	WASHER-HARD (13.5X25.5X3-MM THK)						
M	12	1	6V-1820	1	BOLT (M10X1.5X30-MM)						
M	13	1	6V-3303	1	BOLT (M16X2X60-MM)						
M	14	1	6V-8197	1	BOLT (M12X1.75X40-MM)						
	15	1	8S-0948	2	CLIP						
	16	1	8T-3282	1	WASHER-HARD (22X35X3.5-MM THK)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART



GRAPHIC #1

<END>

g01251417

FUEL SYSTEM

284-8351 LINES GP-FUEL INJECTION

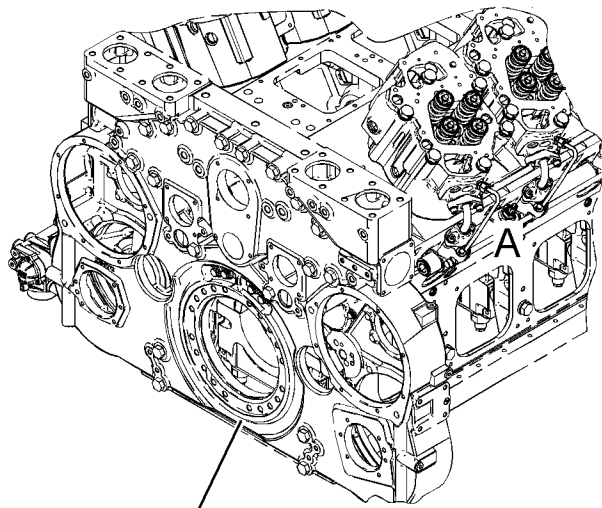
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1252, 1254

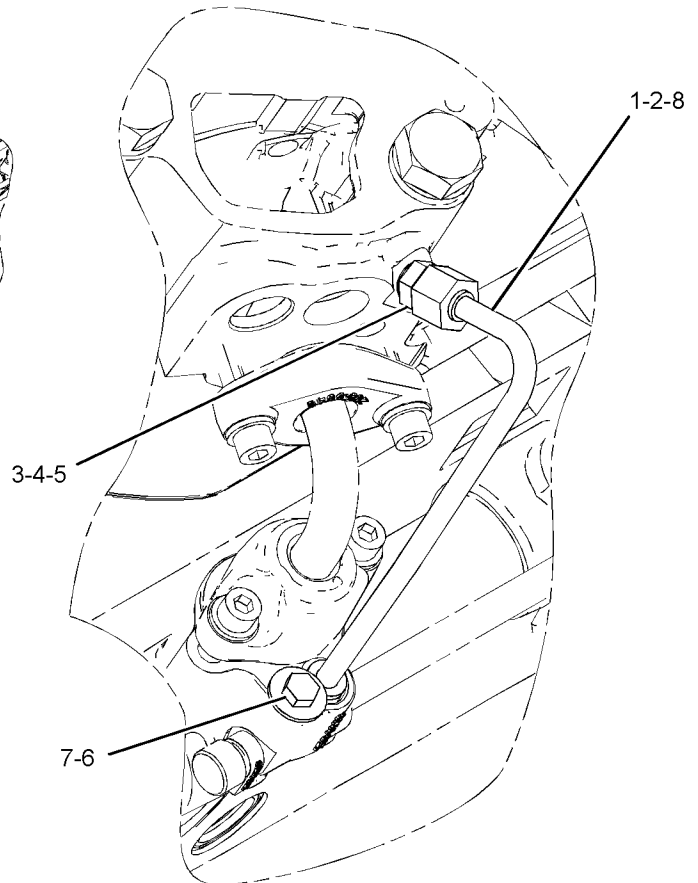
i02479813

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	283-9341	1	TUBE AS						
	2	1	123-4724	1	SEAL-O-RING						
	3	1	228-6046	1	CONNECTOR						
	4	1	228-7089	1	SEAL-O-RING						
	5	1	228-7100	1	SEAL-O-RING						
M	6	1	8T-0642	1	BOLT (M8X1.25X14-MM)						
	7	1	9N-0869	1	WASHER-HARD (8.8X25.5X2-MM THK)						
	8	1	9X-7381	1	SEAL-O-RING						

M-METRIC PART



FRONT HOUSING



VIEW OF AREA A

GRAPHIC #1

<END>

g01243127

FUEL SYSTEM

260-9351 MANIFOLD GP-FUEL

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1274, 1380

i02444466

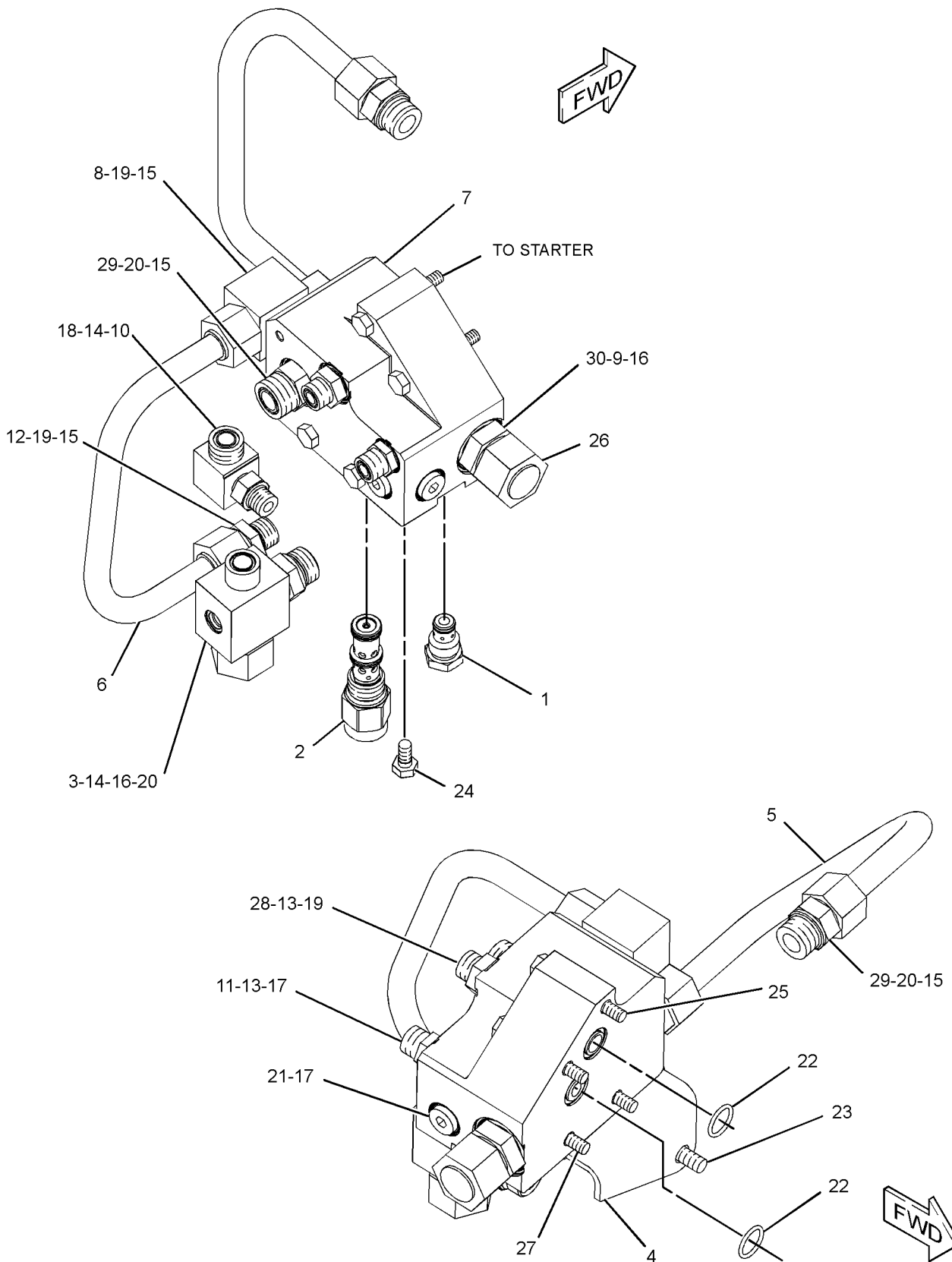
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	233-6742	1	VALVE GP-CHECK (FUEL)						266
	2	1	239-6265	1	REGULATOR AS-PRESSURE (FUEL)						
			1	5P-9757	1	SEAL-O-RING					
		1	033-6036	1	SEAL-O-RING						
		1	033-6044	1	SEAL-O-RING						
	3	1	260-9201	1	CROSS						
	4	1	260-9355	1	SUPPORT AS						
	5	1	260-9356	1	TUBE AS						
	6	1	260-9357	1	TUBE AS						
	7	1	262-9196	1	MANIFOLD-FUEL						
	8	1	215-3665	1	ELBOW						
	9	1	215-4639	1	SEAL-O-RING						
	10	1	227-0056	1	ELBOW						
	11	1	227-0120	1	CONNECTOR						
	12	1	227-5715	1	CONNECTOR						
	13	1	228-7090	2	SEAL-O-RING						
	14	1	228-7091	2	SEAL-O-RING						
	15	1	228-7092	5	SEAL-O-RING						
	16	1	228-7093	2	SEAL-O-RING						
	17	1	228-7102	3	SEAL-O-RING						
	18	1	228-7103	1	SEAL-O-RING						
	19	1	228-7105	3	SEAL-O-RING						
	20	1	228-7106	4	SEAL-O-RING						
	21	1	241-6158	2	PLUG						
	22	1	5P-9186	2	SEAL-O-RING						
M	23	1	6V-5696	1	BOLT (M12X1.75X80-MM)						
M	24	1	6V-6317	2	BOLT (M10X1.5X20-MM)						
M	25	1	6V-7981	2	BOLT (M10X1.5X70-MM)						
	26	1	6V-9833	2	CAP AS						
M	27	1	8T-0355	2	BOLT (M10X1.5X110-MM)						
	28	1	8T-7491	1	CONNECTOR						
	29	1	8T-7494	3	CONNECTOR						
	30	1	8T-7496	1	CONNECTOR						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

FUEL SYSTEM

260-9351 MANIFOLD GP-FUEL (contd.)

i02444466



GRAPHIC #1

<END>

g01224577

FUEL SYSTEM

273-1227 MANIFOLD AS-FUEL

S/N: WYB1-UP

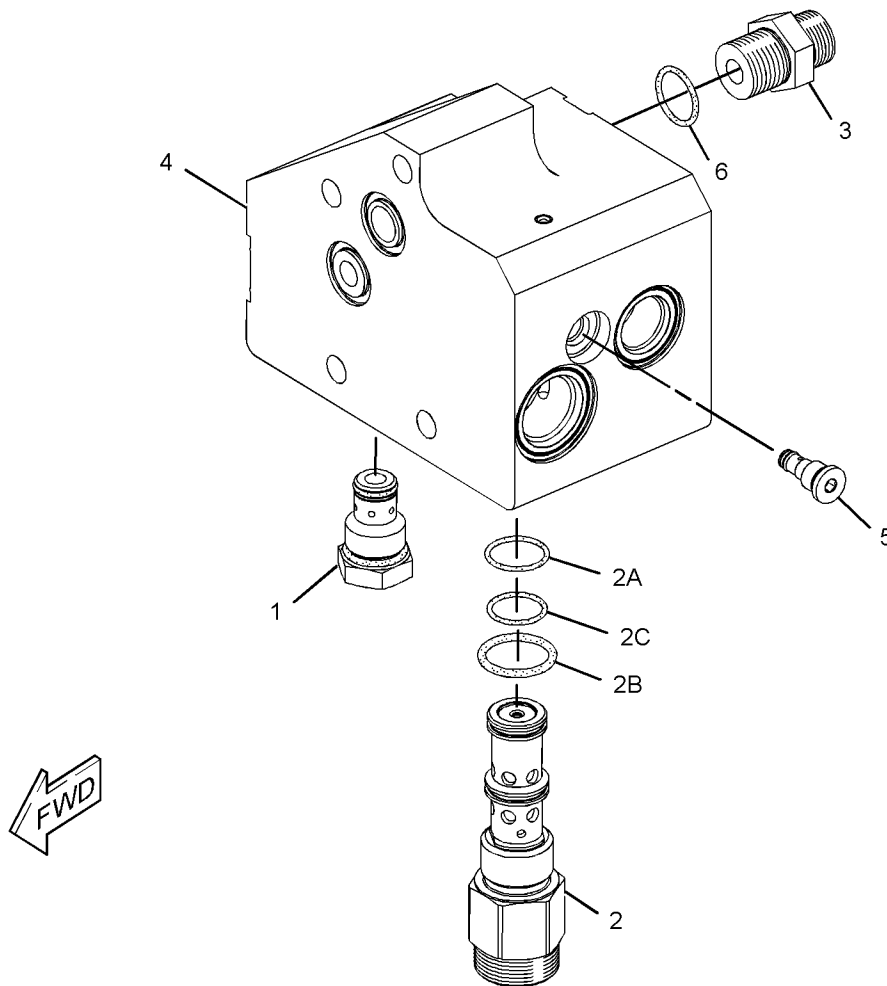
PART OF 286-4589 MANIFOLD GP-FUEL
AN ATTACHMENT

SMCS-1274, 1380

i02481096

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	233-6742	1	VALVE GP-CHECK (FUEL)						266
	2	1	239-6265	1	REGULATOR AS-PRESSURE						
	2A	1	5P-9757	1	SEAL-O-RING						
	2B	1	033-6036	1	SEAL-O-RING						
	2C	1	033-6044	1	SEAL-O-RING						
	3	1	281-5958	1	CONNECTOR						
	4	1	286-4566	1	MANIFOLD AS-FUEL						
	5	1	286-4578	1	VALVE AS-CHECK						
	6	1	228-7105	1	SEAL-O-RING						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01239359

FUEL SYSTEM

286-4589 MANIFOLD GP-FUEL

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1274, 1380

i02479794

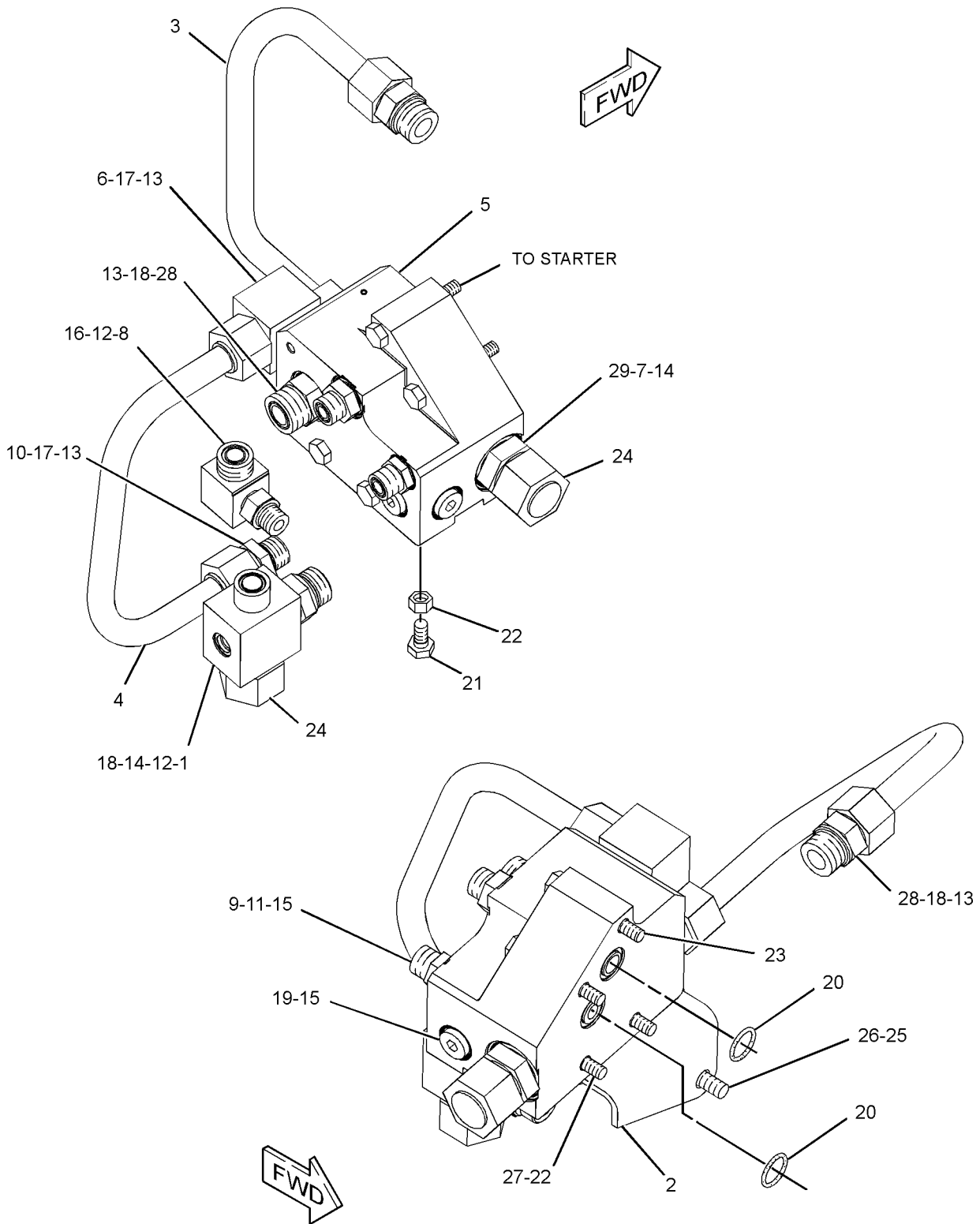
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	260-9201	1	CROSS						
	2	1	260-9355	1	SUPPORT AS						
	3	1	260-9356	1	TUBE AS						
	4	1	260-9357	1	TUBE AS						
Y	5	1	273-1227	1	MANIFOLD AS-FUEL						254
	6	1	215-3665	1	ELBOW						
	7	1	215-4639	1	SEAL-O-RING						
	8	1	227-0056	1	ELBOW						
	9	1	227-0120	1	CONNECTOR						
	10	1	227-5715	1	CONNECTOR						
	11	1	228-7090	2	SEAL-O-RING						
	12	1	228-7091	2	SEAL-O-RING						
	13	1	228-7092	5	SEAL-O-RING						
	14	1	228-7093	2	SEAL-O-RING						
	15	1	228-7102	3	SEAL-O-RING						
	16	1	228-7103	1	SEAL-O-RING						
	17	1	228-7105	2	SEAL-O-RING						
	18	1	228-7106	4	SEAL-O-RING						
	19	1	241-6158	2	PLUG						
	20	1	5P-9186	2	SEAL-O-RING						
M	21	1	6V-4248	2	BOLT (M10X1.5X25-MM)						
	22	1	6V-5839	6	WASHER (11X21X2.5-MM THK)						
M	23	1	6V-7981	2	BOLT (M10X1.5X70-MM)						
	24	1	6V-9833	2	CAP AS						
	25	1	7X-0605	1	WASHER-HARD (13X28X1.6-MM THK)						
M	26	1	7X-2549	1	BOLT (M12X1.75X100-MM)						
M	27	1	8T-0355	2	BOLT (M10X1.5X110-MM)						
	28	1	8T-7494	3	CONNECTOR						
	29	1	8T-7496	1	CONNECTOR						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

FUEL SYSTEM

286-4589 MANIFOLD GP-FUEL (contd.)

i02479794



GRAPHIC #1

<END>

g01239791

FUEL SYSTEM

223-5252 PUMP GP-FUEL PRIMING

S/N: WYB1-UP

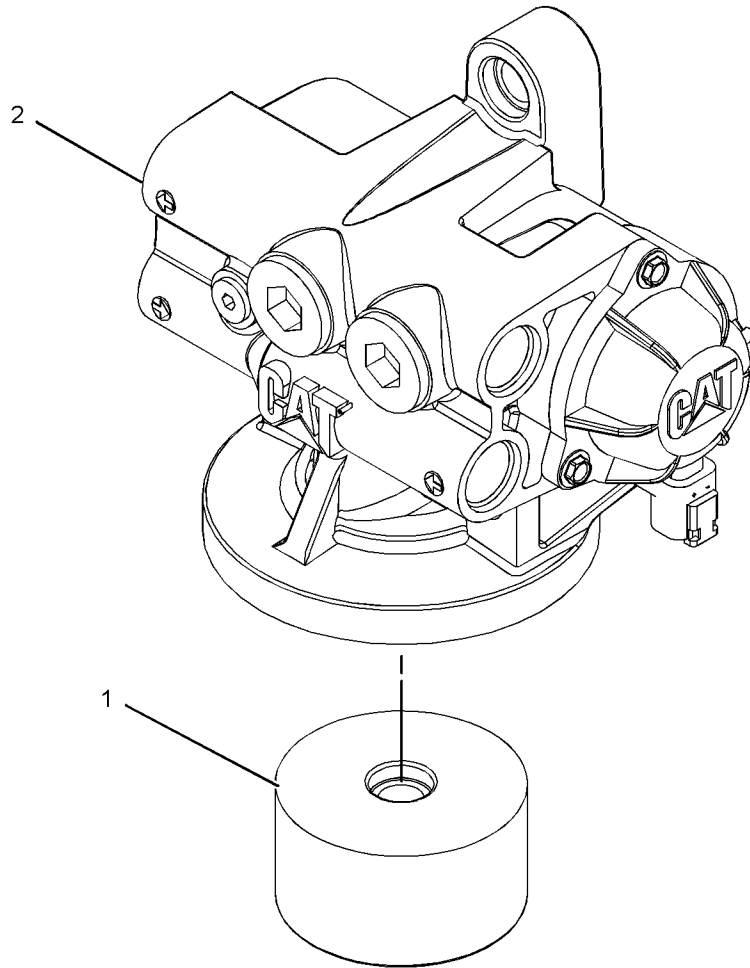
PART OF 226-7563 PUMP GP-FUEL PRIMING
AN ATTACHMENT

SMCS-1258

i02408921

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	118-4490	1	COVER GP-FUEL FILTER BASE						220
	2	1	222-6512	1	BASE AS (PUMP HOUSING)						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01205063

FUEL SYSTEM

226-7563 PUMP GP-FUEL PRIMING

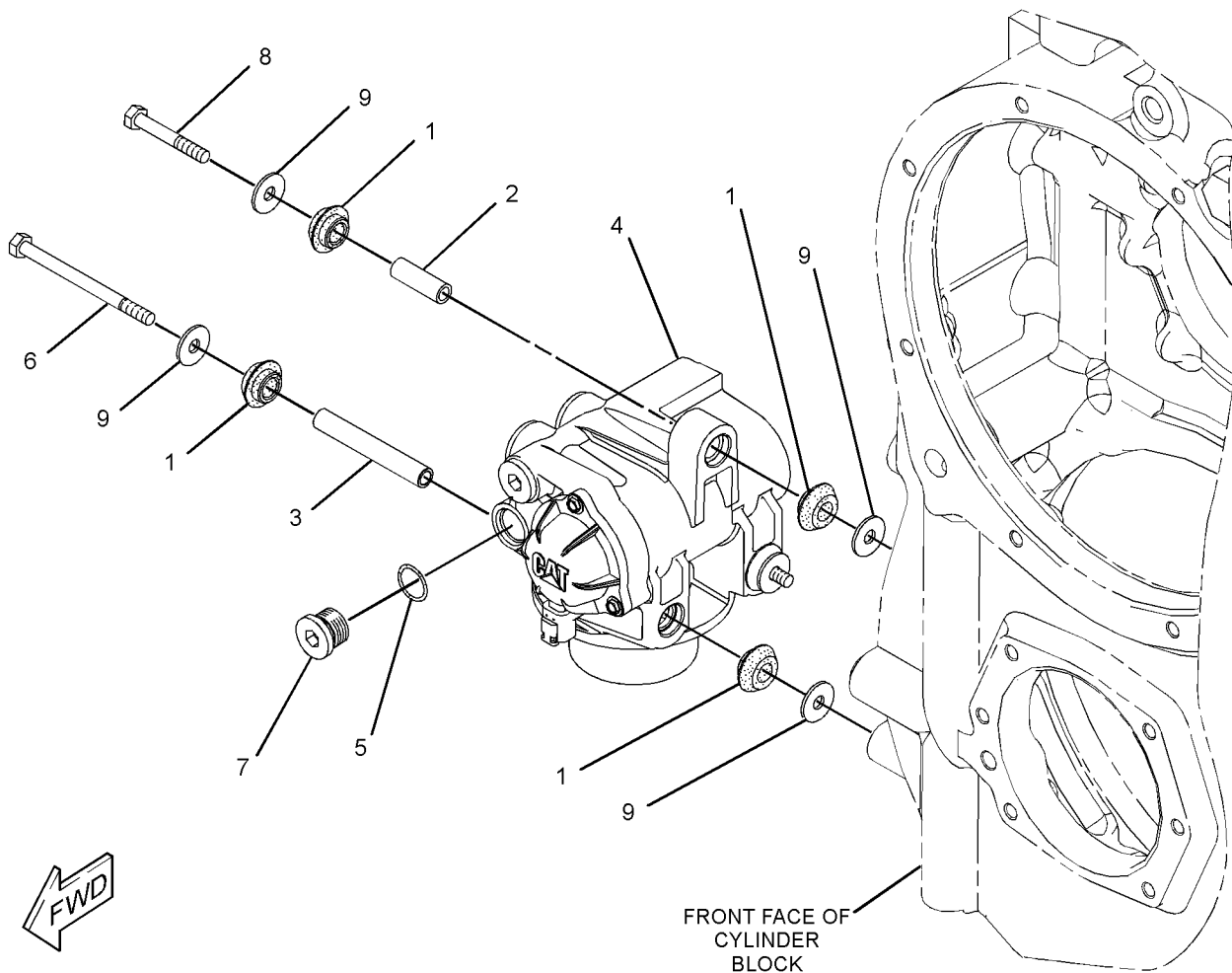
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1258

i02407415

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8T-9655	6	MOUNT-ISOLATION						
	2	1	191-1782	1	SPACER (8.5X12.7X38.2-MM THK)						
	3	1	191-1783	2	SPACER (8.5X12.7X87.3-MM THK)						
Y	4	1	223-5252	1	PUMP GP-FUEL PRIMING						257
	5	1	228-7105	2	SEAL-O-RING						
M	6	1	143-4654	2	BOLT (M8X1.25X105-MM)						
	7	1	227-0136	2	PLUG						
M	8	1	8C-5748	1	BOLT (M8X1.25X55-MM)						
	9	1	9N-0869	6	WASHER-HARD (8.8X25.5X2-MM THK)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01224916

FUEL SYSTEM

239-6246 PUMP GP-FUEL TRANSFER

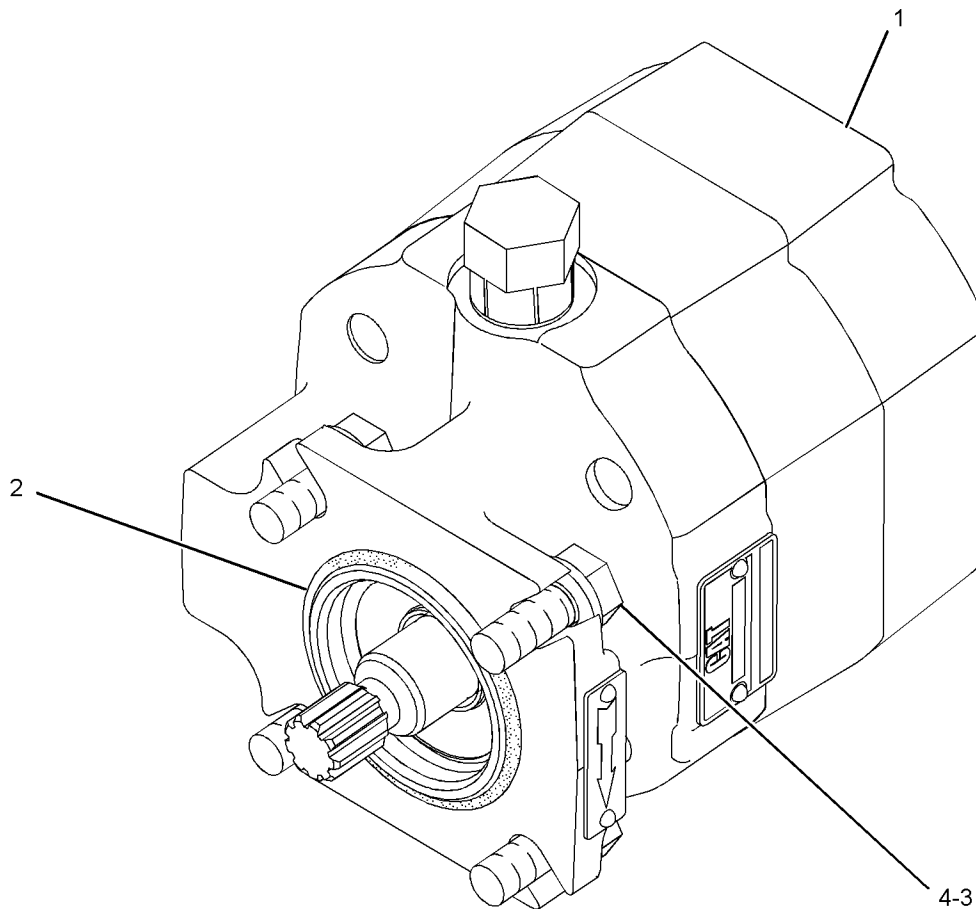
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1256

i02402962

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	239-6251	1	PUMP AS-FUEL TRANSFER						
	2	1	3E-6790	1	SEAL-O-RING						
M	3	1	6V-5217	4	BOLT (M8X1.25X20-MM)						
	4	1	9M-1974	4	WASHER-HARD (8.8X16X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01229325

FUEL SYSTEM

262-1106 PUMP GP-FUEL TRANSFER

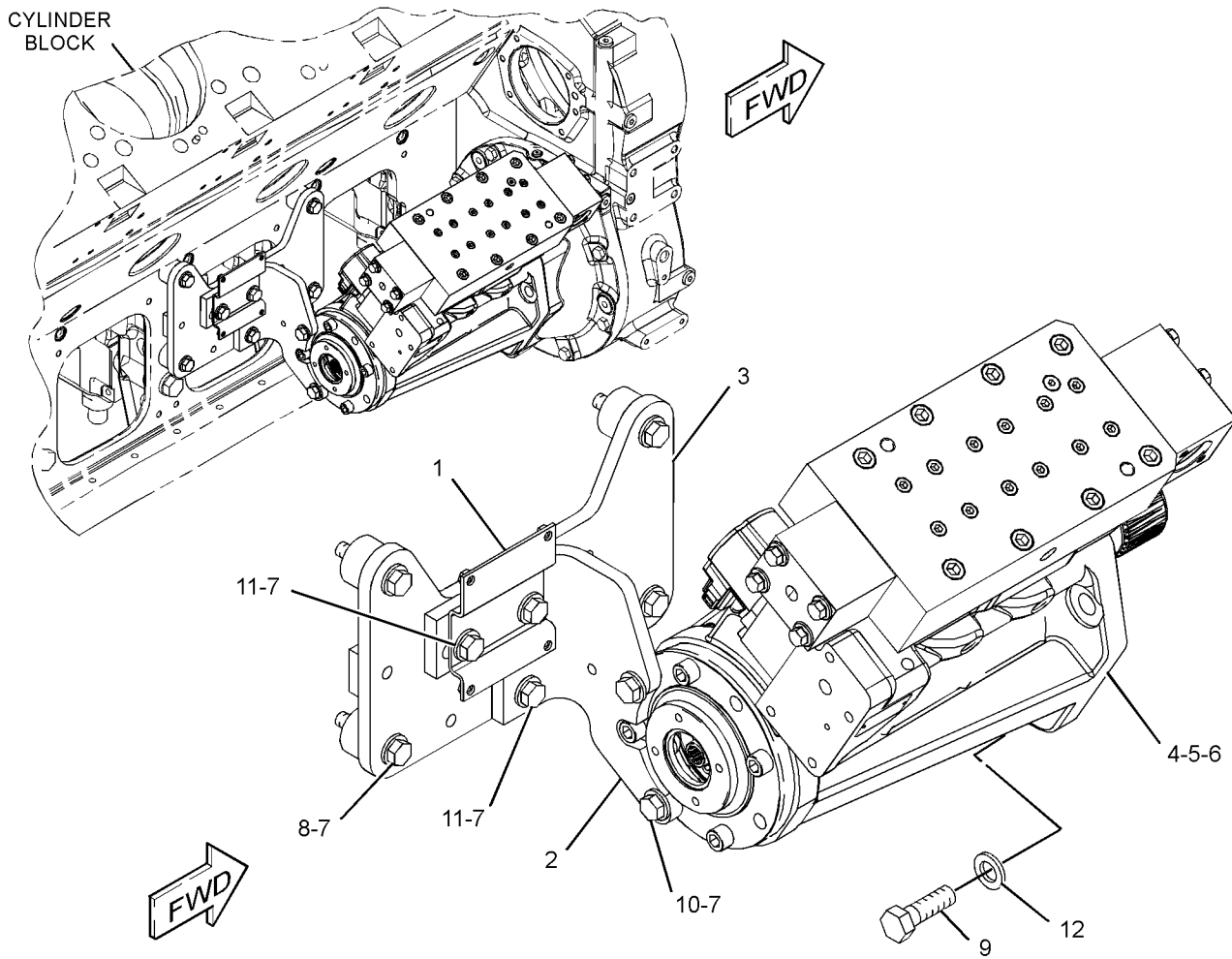
S/N: WYB1-UP
AN ATTACHMENT

SMCS - 1256

i02444469

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	269-0548	1	BRACKET AS						
	2	1	270-6855	1	BRACKET						
	3	1	270-6856	1	PLATE AS						
	4	1	272-8257	1	PUMP GP-FUEL TRANSFER						
	5	1	3P-1156	1	SEAL-O-RING						
	6	1	5P-8066	1	SEAL-O-RING						
	7	1	5P-8245	9	WASHER-HARD (13.5X25.5X3-MM THK)						
M	8	1	6V-3823	4	BOLT (M12X1.75X60-MM)						
M	9	1	6V-5686	3	BOLT (M16X2X50-MM)						
M	10	1	6V-7673	2	BOLT (M12X1.75X50-MM)						
M	11	1	6V-8197	3	BOLT (M12X1.75X40-MM)						
	12	1	9X-8268	3	WASHER (17.5X30X3.5-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01224615

FUEL SYSTEM

286-4579 PUMP GP-FUEL TRANSFER

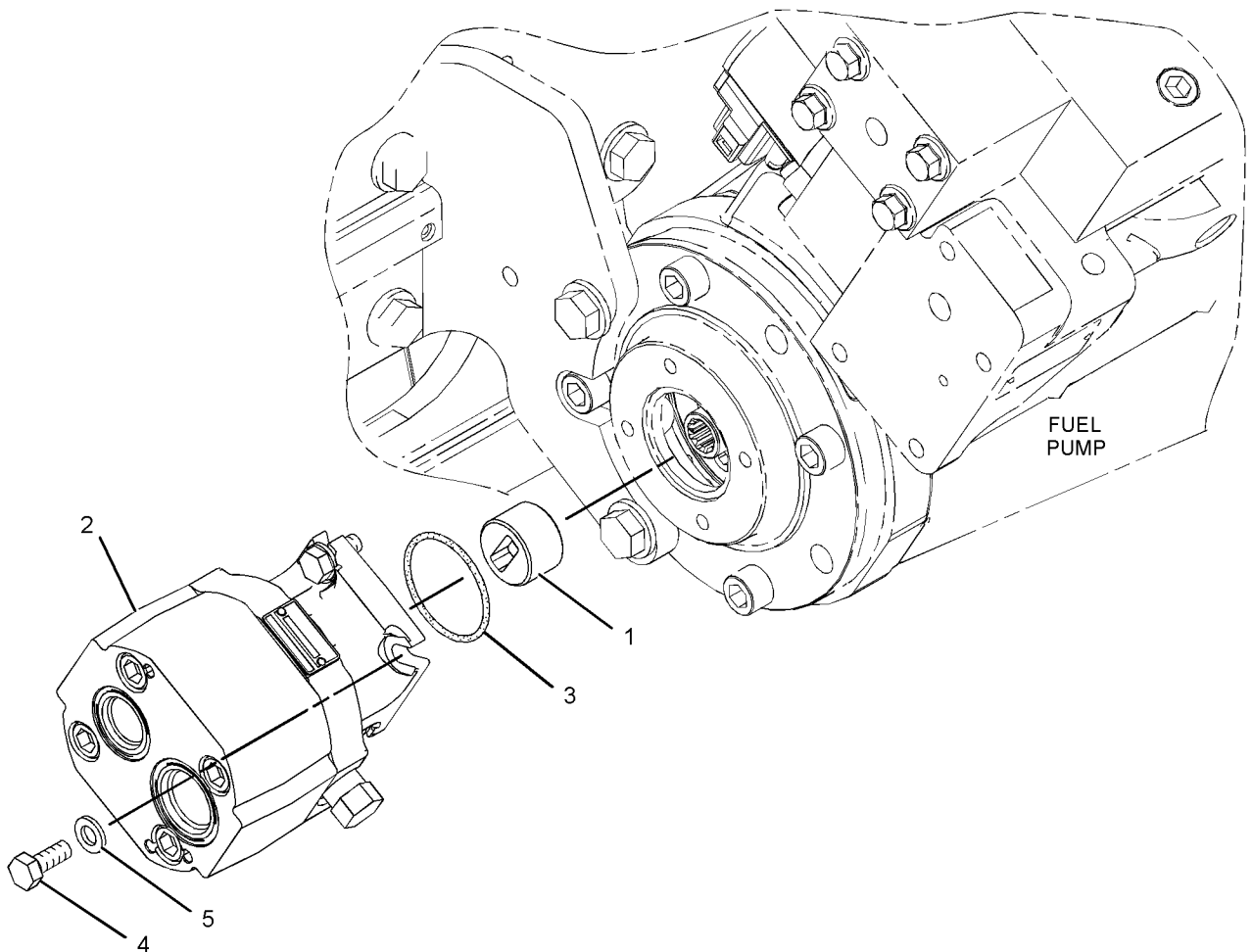
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1256

i02495768

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	284-8347	1	COUPLING						
	2	1	286-4580	1	PUMP AS-FUEL TRANSFER						
	3	1	3E-6790	1	SEAL-O-RING						
M	4	1	6V-5217	4	BOLT (M8X1.25X20-MM)						
	5	1	9M-1974	4	WASHER-HARD (8.8X16X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01249896

FUEL SYSTEM

287-7017 PUMP GP-FUEL TRANSFER

S/N: WYB1-UP
AN ATTACHMENT

SMCS - 1256

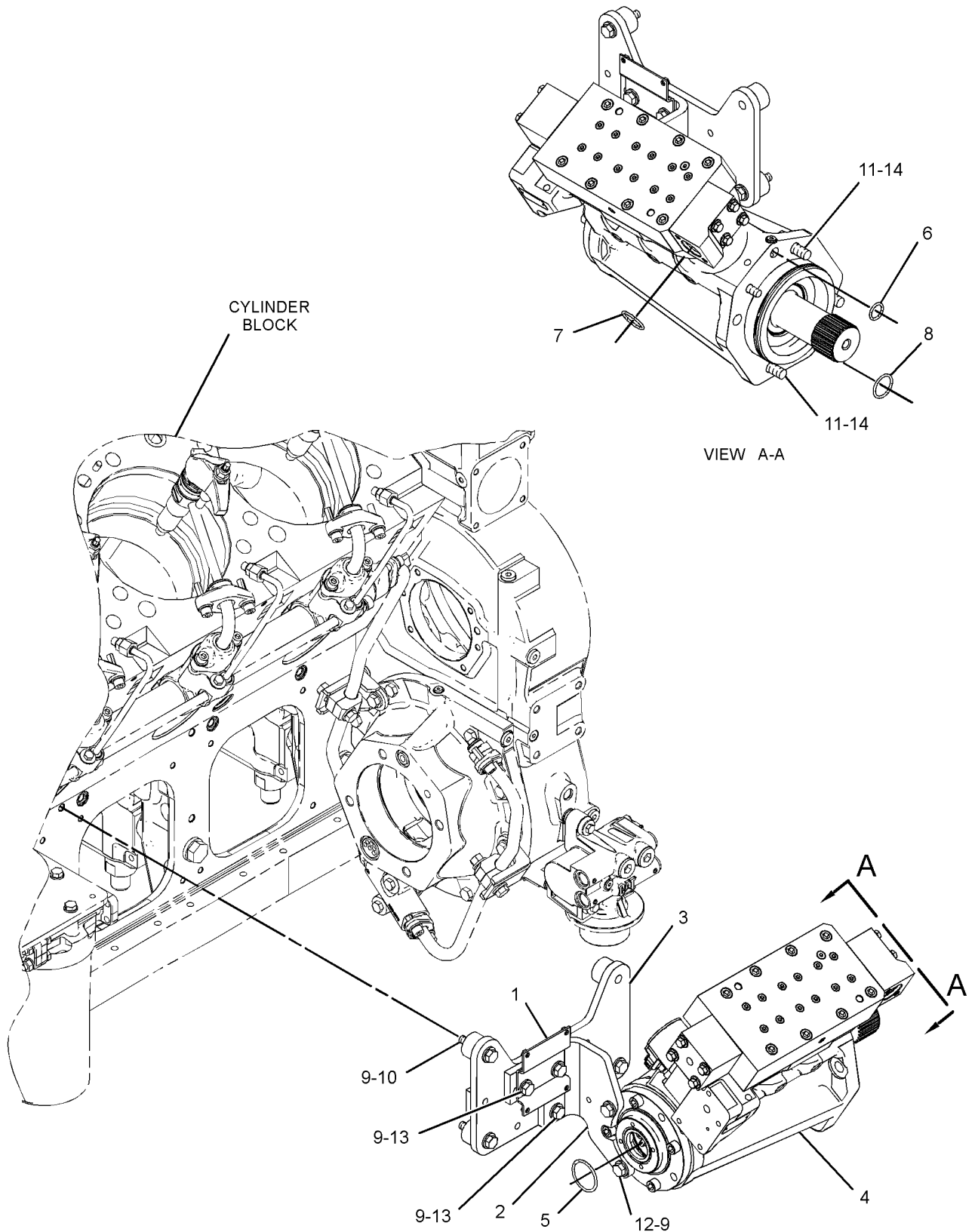
i02495767

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE	
					1	2	3	4	5	6 (PRODUCT LEVEL)		
	1	1	269-0548	1	BRACKET	AS						
	2	1	270-6855	1	BRACKET							
	3	1	270-6856	1	PLATE	AS						
	4	1	288-2404	1	PUMP	GP-FUEL TRANSFER						
	5	1	144-7339	1	SEAL-O-RING							
	6	1	3P-1156	1	SEAL-O-RING							
	7	1	5P-4268	1	SEAL-O-RING							
	8	1	5P-8066	1	SEAL-O-RING							
	9	1	5P-8245	8	WASHER-HARD	(13.5X25.5X3-MM THK)						
M	10	1	6V-3823	3	BOLT	(M12X1.75X60-MM)						
M	11	1	6V-5686	3	BOLT	(M16X2X50-MM)						
M	12	1	6V-7673	2	BOLT	(M12X1.75X50-MM)						
M	13	1	6V-8197	3	BOLT	(M12X1.75X40-MM)						
	14	1	9X-8268	3	WASHER	(17.5X30X3.5-MM THK)						
M-METRIC PART												

FUEL SYSTEM

287-7017 PUMP GP-FUEL TRANSFER (contd.)

i02495767



GRAPHIC #1

<END>

g01250023

FUEL SYSTEM

264-8893 SHUTOFF GP-MANUAL

S/N: WYB1-UP

PART OF 264-4534 FILTER GP-PRIMARY FUEL
AN ATTACHMENT

SMCS-1265, 1704, 7418

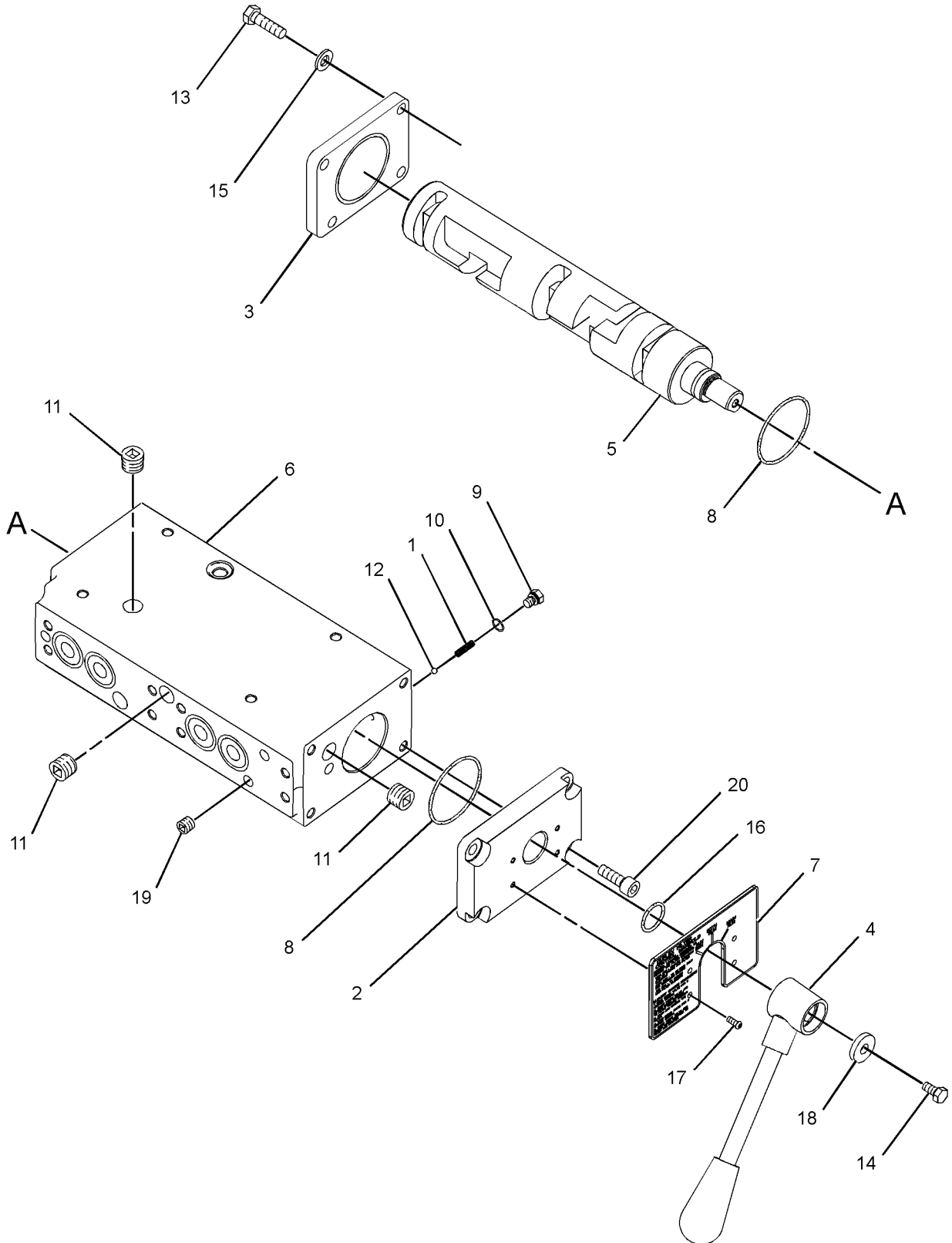
i02443104

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6J-2060	1	SPRING						
	2	1	269-3278	1	COVER						
	3	1	269-3279	1	COVER						
	4	1	269-3280	1	LEVER AS-HAND						
	5	1	269-3281	1	PISTON						
	6	1	269-3282	1	MANIFOLD						
	7	1	269-3283	1	PLATE						
	8	1	180-2391	2	SEAL-O-RING						
	9	1	227-0135	1	PLUG						
	10	1	228-7099	1	SEAL-O-RING						
	11	1	2B-0858	6	PLUG-PIPE						
	12	1	3Y-9267	1	BALL						
M	13	1	6V-3822	4	BOLT (M10X1.5X35-MM)						
M	14	1	6V-5215	1	BOLT (M8X1.25X16-MM)						
	15	1	6V-5839	4	WASHER (11X21X2.5-MM THK)						
	16	1	6V-6339	1	SEAL-O-RING						
M	17	1	7Y-5287	4	SCREW-TRUSS HEAD						
	18	1	8M-7145	1	WASHER (10.2X28.5X5-MM THK)						
	19	1	8T-6758	9	PLUG-PIPE						
M	20	1	9X-6032	4	BOLT-SOCKET HEAD (M10X1.5X30-MM)						
M-METRIC PART											

FUEL SYSTEM

264-8893 SHUTOFF GP-MANUAL (contd.)

i02443104



GRAPHIC #1

<END>

g01224749

FUEL SYSTEM

233-6742 VALVE GP-CHECK-FUEL

S/N: WYB1-UP

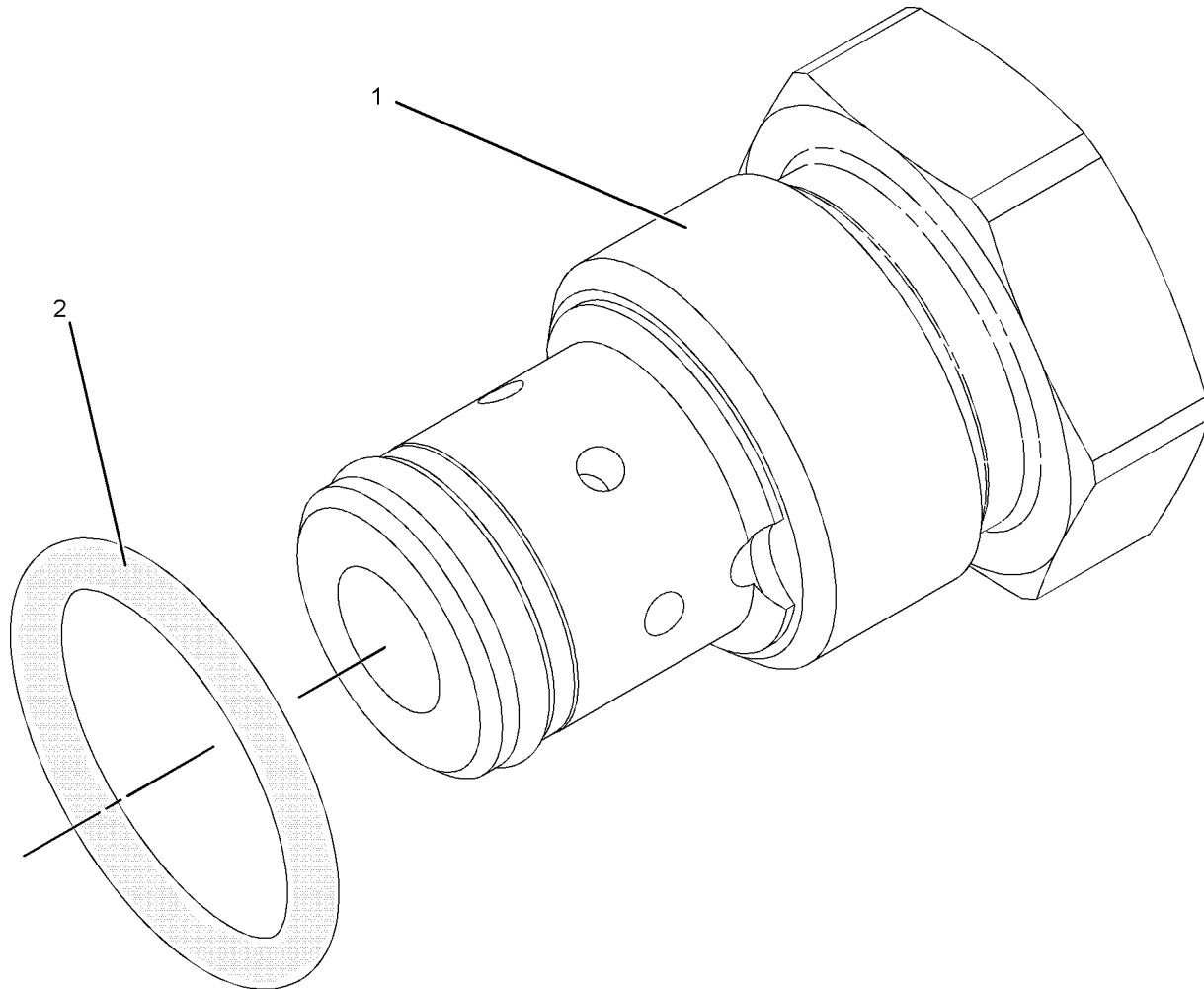
PART OF 260-9351, 273-1227 MANIFOLD GP-FUEL
AN ATTACHMENT

SMCS-1262

i02443795

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
CY	1	1	281-2725	1	VALVE GP-CHECK (FUEL)						267
	2	1	6V-4589	1	SEAL-O-RING						

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01031823

FUEL SYSTEM

281-2725 VALVE GP-CHECK-FUEL

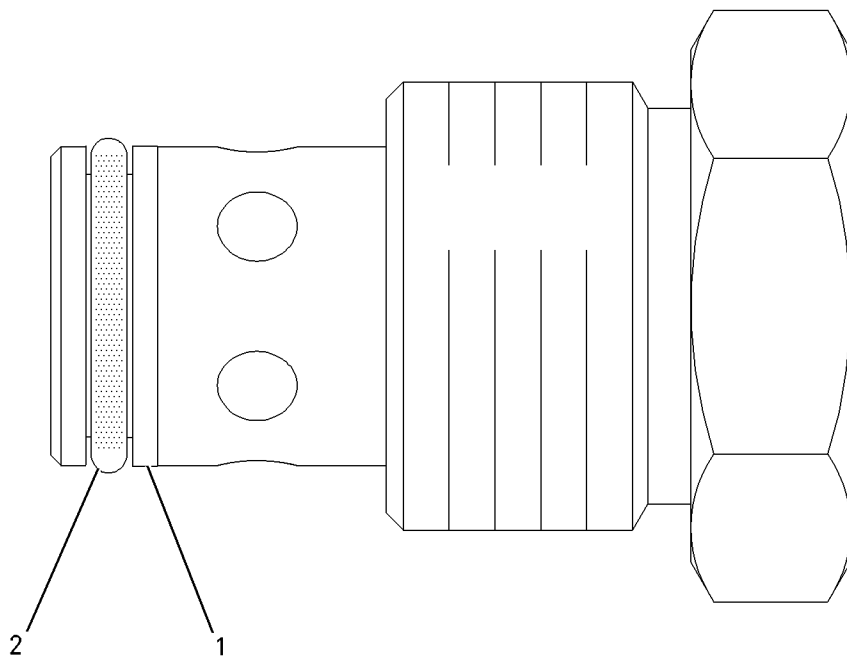
S/N: WYB1-UP

PART OF 233-6742 VALVE GP-CHECK
AN ATTACHMENT

SMCS-1262

i02444582

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



GRAPHIC #1

<END>

g00864141

ELECTRICAL AND STARTING SYSTEM

274-1979 ADAPTER GP-COMMUNICATION

S/N: WYB1-UP
AN ATTACHMENT

SMCS - 1926

i02353032

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
	274-1978	1	CONVERTER AS-SIGNAL (RS232, RS422, RS485)	
<END>				

276-8899 ALTERNATOR GP-CHARGING

S/N: WYB1-UP
24-VOLT, 75-AMPERE
AN ATTACHMENT

SMCS - 1405

i02440756

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
			SERVICEABLE PARTS IDENTIFICATION FOR THIS GROUP WAS NOT AVAILABLE AT TIME OF THIS PUBLICATION.	
			REFER TO THE SERVICE INFORMATION SYSTEM (SIS) FOR THE LATEST AVAILABLE PARTS INFORMATION.	
<END>				

ELECTRICAL AND STARTING SYSTEM

244-9608 BLOCK AS-TERMINAL-DISCRETE INPUT/OUTPUT

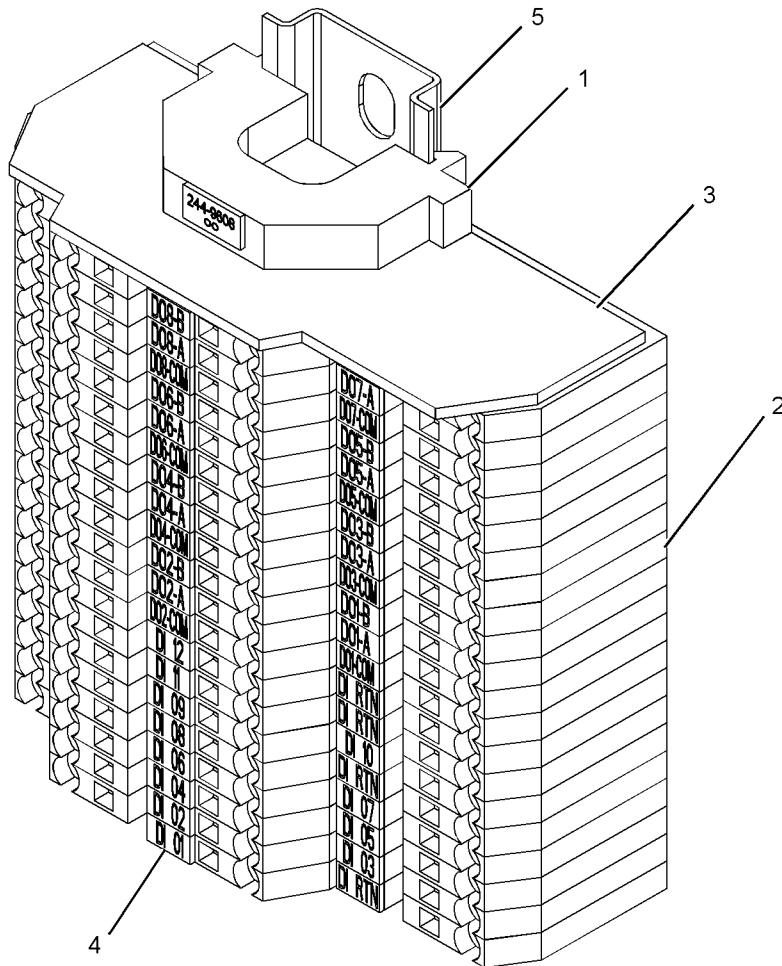
S/N: WYB1-UP

PART OF 252-7347 WIRING GP-PANEL
AN ATTACHMENT

SMCS-4460, 7426

i02360603

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	162-0589	2	BRACKET-END						
	2	1	192-2925	20	BLOCK-TERMINAL (20-AMPERE)						
	3	1	192-2926	1	COVER-TERMINAL						
	4	1	244-9630	1	KIT-MARKER						
	5	1	097-5921	1	RAIL-MOUNTING						



GRAPHIC #1

<END>

g01135081

ELECTRICAL AND STARTING SYSTEM

244-9639 BLOCK AS-TERMINAL-LOAD SHARE

S/N: WYB1-UP

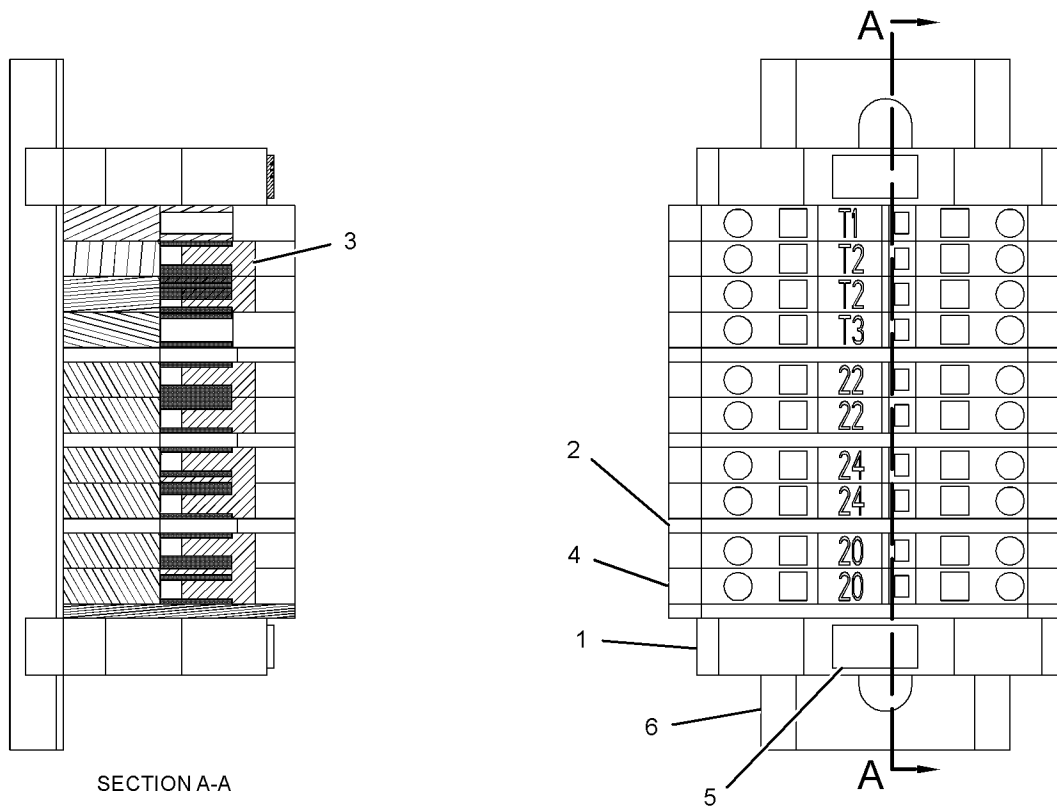
PART OF 252-7369 CONTROL GP-LOAD SHARE MODULE
AN ATTACHMENT

SMCS-4460, 7426

i02280556

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	162-0589	2	BRACKET-END						
	2	1	167-1617	4	COVER-TERMINAL						
B	3	1	179-8783	1	BAR						
	4	1	179-8786	10	BLOCK-TERMINAL (20-AMPERE)						
	5	1	244-9640	1	KIT-MARKER						
BE	6	1	147-1960		RAIL (14-CM)						

B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g01157978

ELECTRICAL AND STARTING SYSTEM

272-8238 BLOCK AS-TERMINAL-ANNUNCIATOR

S/N: WYB1-UP

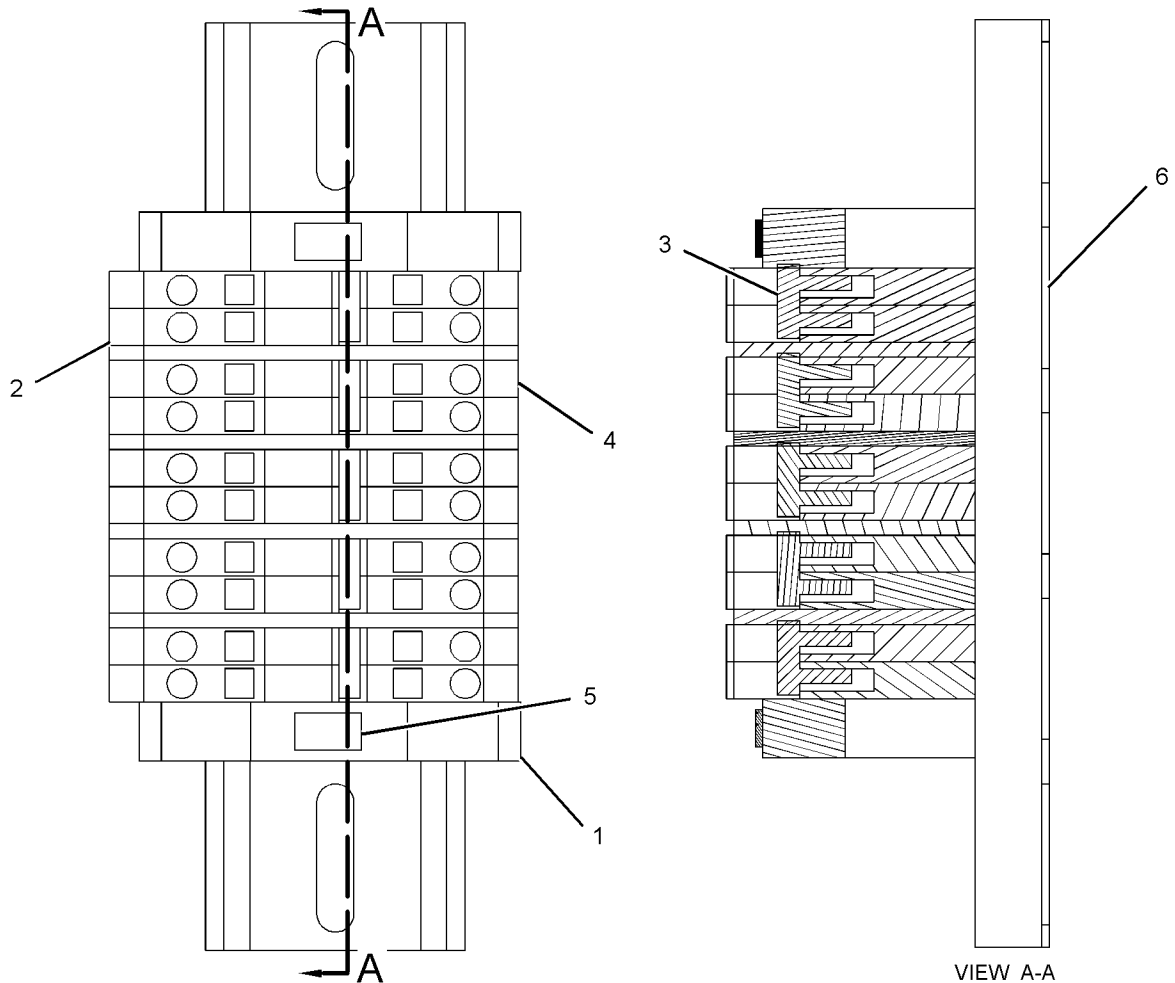
PART OF 252-7504 CONTROL GP-ELECTRONIC
AN ATTACHMENT

SMCS-4460, 7426

i02421191

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
B	1	1	162-0589	2	BRACKET-END						
	2	1	167-1617	4	COVER-TERMINAL						
	3	1	179-8783	1	BAR						
	4	1	179-8786	10	BLOCK-TERMINAL (20-AMPERE)						
	5	1	272-8239	1	KIT-MARKER						
E	6	1	147-1960		RAIL (13-CM)						

B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g01212081

ELECTRICAL AND STARTING SYSTEM

252-7366 BOX AS-EXTENSION-REAR

S/N: WYB1-UP

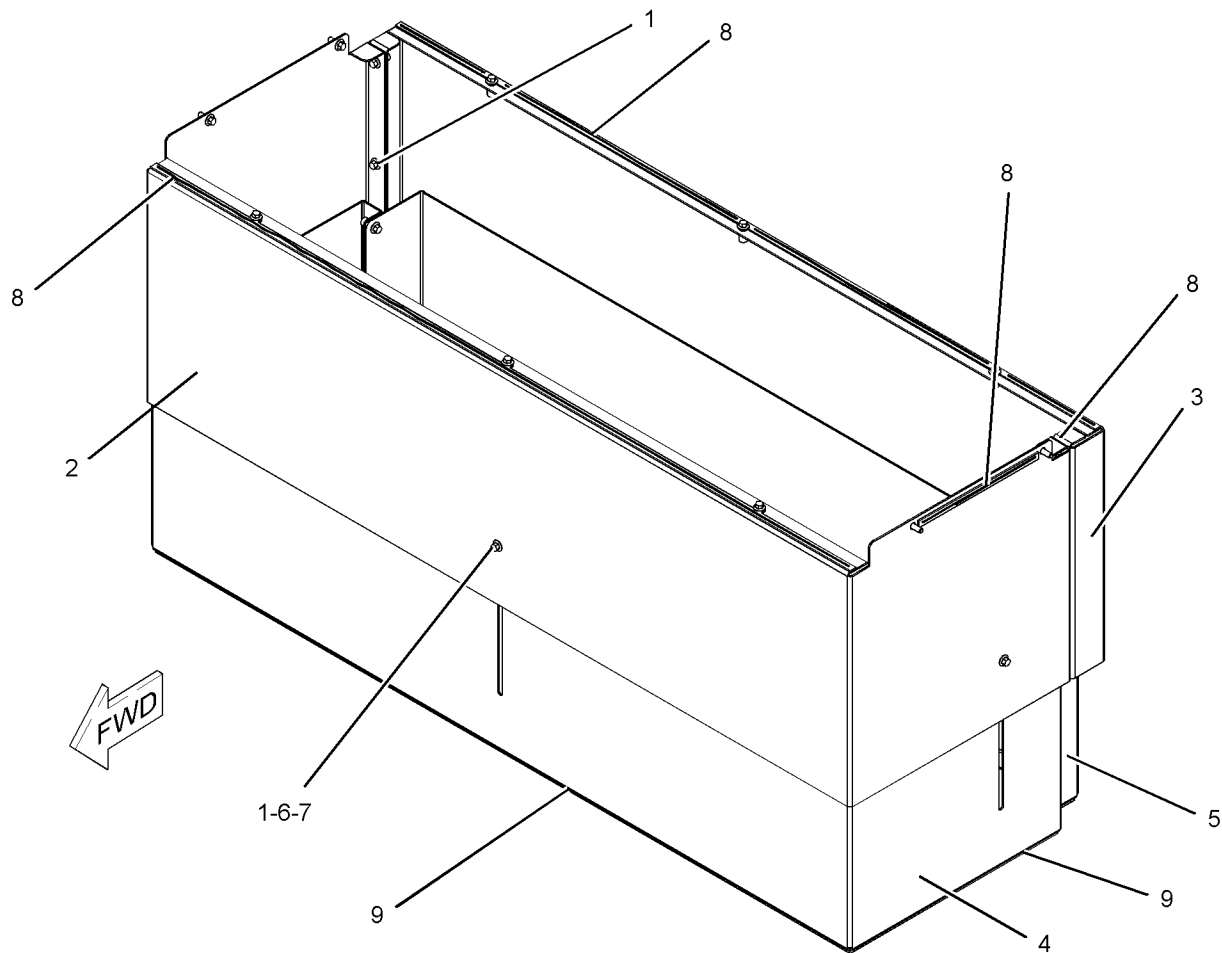
PART OF 245-0029 COVER GP-EXTENSION BOX
AN ATTACHMENT

SMCS-4460

i02403177

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	235-4451	15	BOLT-FLANGE HEAD (M6X1X16-MM)						
	2	1	244-9622	1	SHROUD AS						
M		1	3E-4304	3	INSERT-THREADED (M6X1-6H-THD)						
	3	1	244-9623	1	SHROUD AS						
M		1	3E-4304	9	INSERT-THREADED (M6X1-6H-THD)						
	4	1	244-9624	1	SLIDER AS						
M		1	3E-4304	6	INSERT-THREADED (M6X1-6H-THD)						
	5	1	244-9625	1	SLIDER						
M	6	1	5C-2890	3	NUT (M6X1-THD)						
	7	1	9X-8256	3	WASHER (6.6X12X2-MM THK)						
BJ	8	1	244-9631		SEAL (47-DM)						
BJ	9	1	197-8039		SEAL (30-DM)						

B-USE AS REQUIRED
J-ORDER BY THE DECIMETER
M-METRIC PART



GRAPHIC #1

<END>

g01203772

ELECTRICAL AND STARTING SYSTEM

259-0150 BOX AS-EXTENSION

S/N: WYB1-UP

PART OF 259-0151 COVER GP-EXTENSION BOX
AN ATTACHMENT

SMCS-4460

i02363680

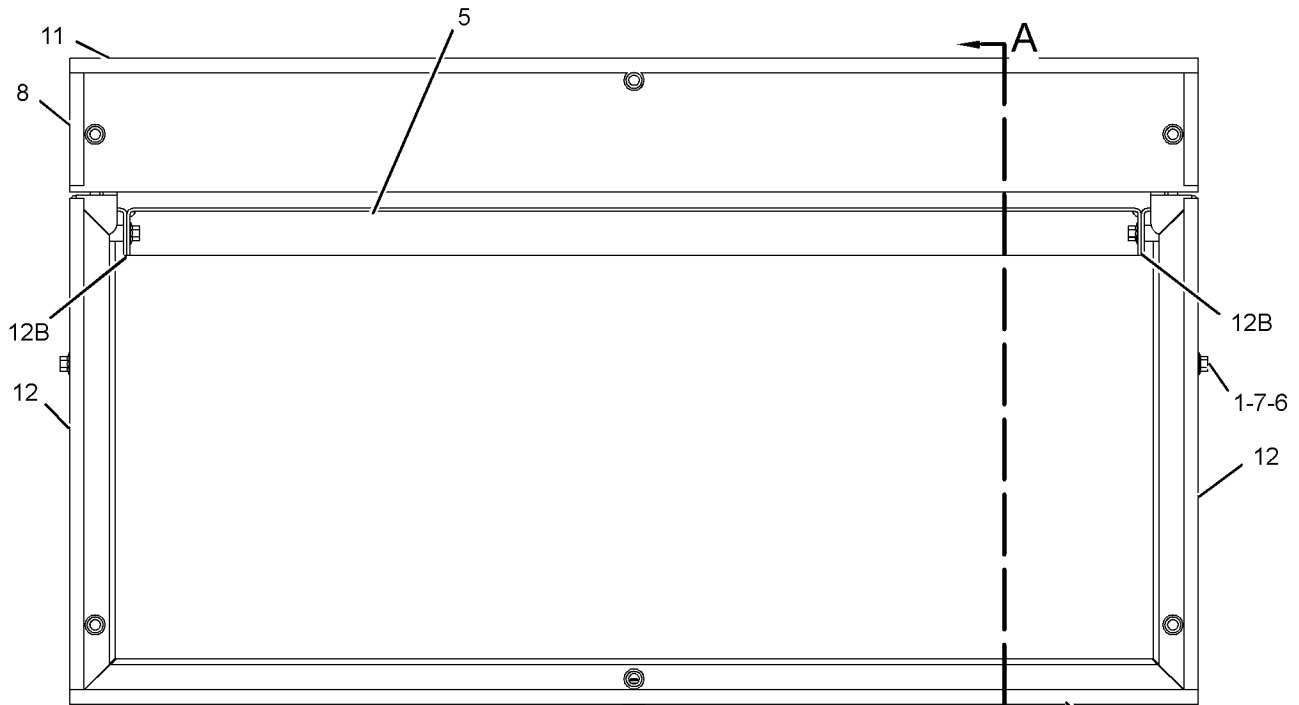
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	235-4451	15	BOLT-FLANGE HEAD (M6X1X16-MM)						
	2	1	244-9614	1	SHROUD AS-FRONT						
M		1	3E-4304	3	INSERT-THREADED (M6X1-6H-THD)						
	3	1	244-9616	1	SLIDER AS						
M		1	3E-4304	6	INSERT-THREADED (M6X1-6H-THD)						
	4	1	258-9922	1	COVER AS						
M		1	3E-4304	3	INSERT-THREADED (M6X1-6H-THD)						
	5	1	258-9923	1	COVER						
M	6	1	5C-2890	9	NUT (M6X1-THD)						
	7	1	9X-8256	9	WASHER (6.6X12X2-MM THK)						
J	8	1	244-9631		SEAL (0.71-DM EACH)						
D	9	1	6V-9335		SEAL (0.294-M EACH)						
D	10	1	6V-9335		SEAL (0.696-M)						
D	10A	1	6V-9335		SEAL (0.628-M)						
J	11	1	244-9631		SEAL (7.10-DM EACH)						
J	12	1	244-9631		SEAL (3.09-DM EACH)						
J	12A	1	244-9631		SEAL (3.17-DM EACH)						
J	12B	1	244-9631		SEAL (3.02-DM EACH)						

D-ORDER BY THE METER
J-ORDER BY THE DECIMETER
M-METRIC PART

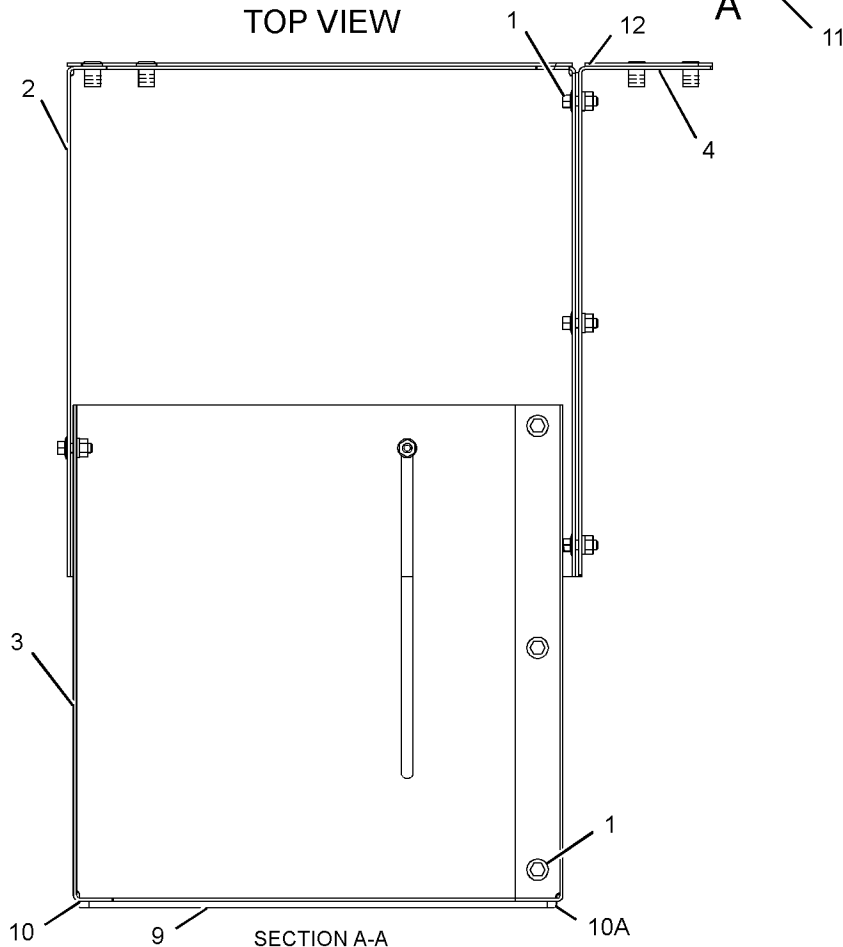
ELECTRICAL AND STARTING SYSTEM

259-0150 BOX AS-EXTENSION (contd.)

i02363680



TOP VIEW



SECTION A-A

GRAPHIC #1

<END>

g01202445

ELECTRICAL AND STARTING SYSTEM

263-6450 BOX GP-CONTROL

S/N: WYB1-UP

PART OF 263-6451 BOX GP-CONTROL
AN ATTACHMENT

SMCS-4460, 7426

i02437061

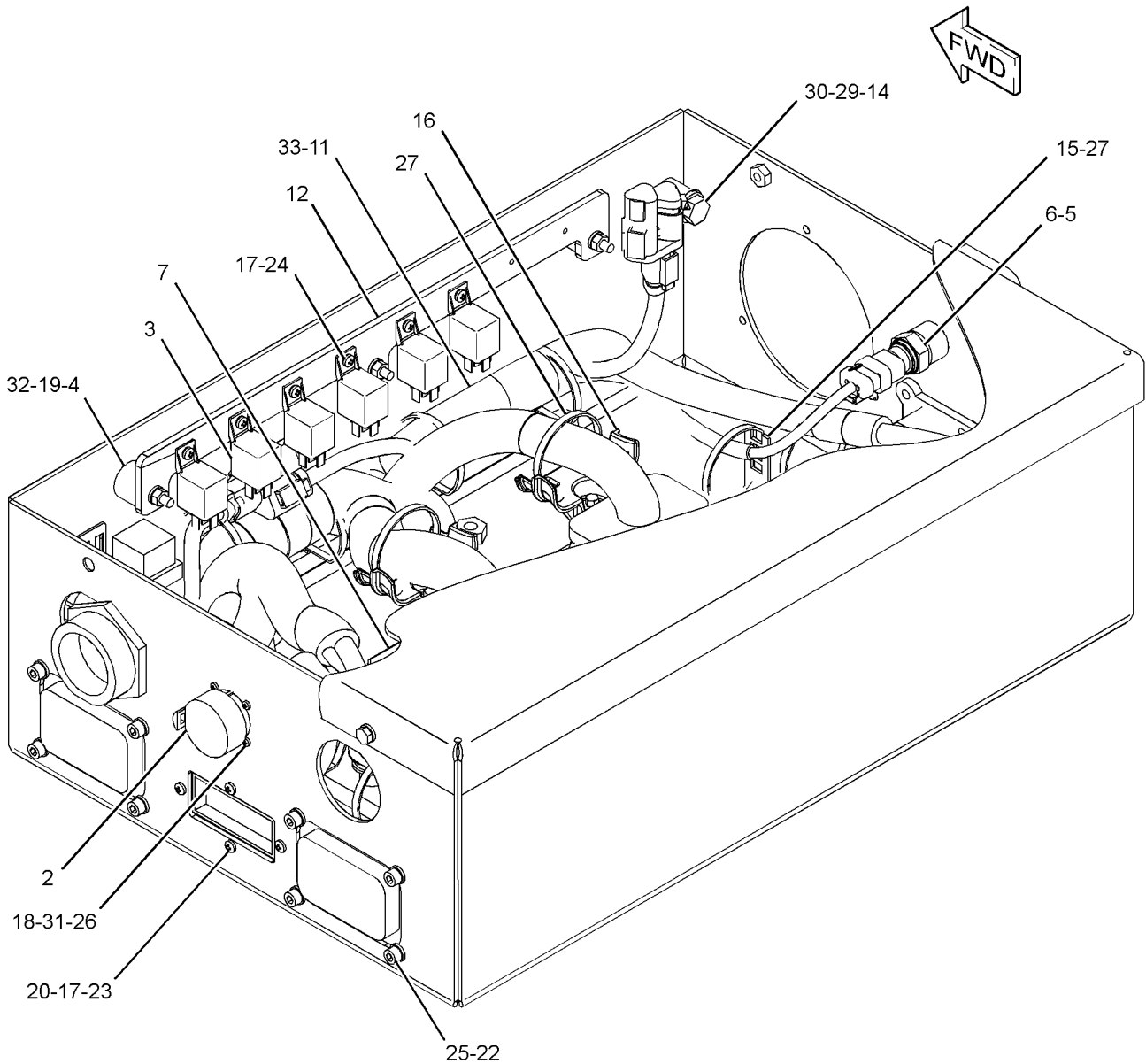
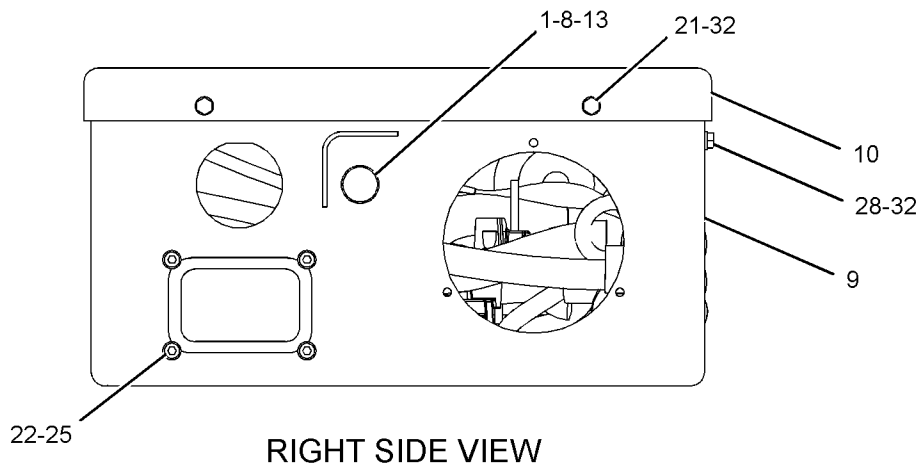
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3K-6905	1	VALVE-BREATHER (ATMOSPHERIC AIR)						
	2	1	8C-6354	1	CAP-RECEPTACLE						
	3	1	9Y-2921	6	RELAY (24-VOLT)						
	4	1	180-5182	3	MOUNT						
	5	1	219-0669	1	SEAL-O-RING						
	6	1	241-1798	1	SENSOR GP-PRESSURE (ATMOSPHERIC)						
	7	1	250-0464	1	MOUNTING GP-CONTROL						
	8	1	250-2352	1	ADAPTER						
	9	1	263-6455	1	BOX AS						
	10	1	263-6456	1	COVER						
Y	11	1	263-6524	1	HARNESS AS-BOX						353
	12	1	263-6581	1	PLATE						
	13	1	114-1049	1	SEAL-O-RING						
	14	1	130-5300	2	CLIP						
	15	1	132-5789	2	CLIP						
	16	1	233-0891	2	BRACKET AS						
					(EACH INCLUDES)						
		1	232-1693	1	SCREW-HEX HEAD						
	17	1	3B-4501	10	LOCKWASHER						
M	18	1	3C-6969	4	NUT (M3X0.5-THD)						
M	19	1	5C-2890	3	NUT (M6X1-THD)						
M	20	1	5C-8312	4	NUT (M4X0.7-THD)						
M	21	1	5C-9553	4	BOLT (M6X1X16-MM)						
	22	1	6N-7523	12	WASHER (6.48X11.9X1.57-MM THK)						
M	23	1	6S-8584	4	SCREW (M4X0.7-THD)						
M	24	1	6V-5210	6	SCREW-MACHINE (M4X0.7X10-MM)						
M	25	1	6V-5683	12	BOLT (M6X1X16-MM)						
M	26	1	6V-9671	4	SCREW-MACHINE (M3X0.5X12-MM)						
	27	1	7K-1181	17	STRAP-CABLE						
M	28	1	7X-2619	3	BOLT (M6X1X20-MM)						
	29	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
M	30	1	8T-4191	2	BOLT (M10X1.5X16-MM)						
	31	1	9B-1117	4	LOCKWASHER						
	32	1	9X-8256	10	WASHER (6.6X12X2-MM THK)						
BE	33	1	216-4324	28	SLEEVE						

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

ELECTRICAL AND STARTING SYSTEM

263-6450 BOX GP-CONTROL (contd.)

i02437061



GRAPHIC #1

<END>

g01221064

ELECTRICAL AND STARTING SYSTEM

263-6451 BOX GP-CONTROL

S/N: WYB1-UP
AN ATTACHMENT

SMCS-4460, 7426

i02437072

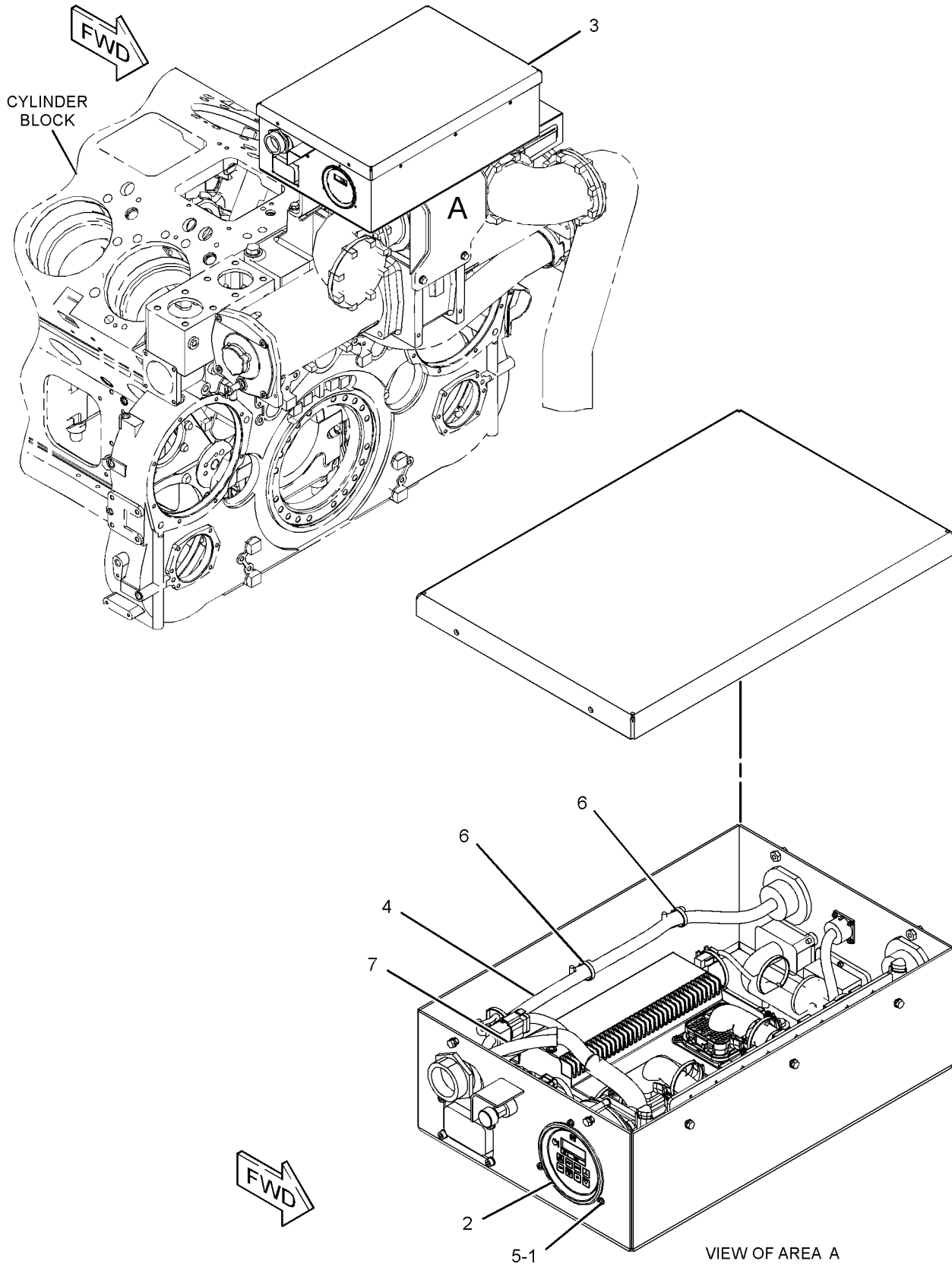
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6J-4762	3	SCREW (10-32X0.625-IN)						
	2	1	251-9430	1	PYROMETER-DIGITAL (EXHAUST TEMPERATURE SCANNER)						
Y	3	1	263-6450	1	BOX GP-CONTROL						275
	4	1	263-6525	1	HARNESS AS-CONTROL						
		1	7G-7917	18	PLUG-SEAL						
		1	8N-1515	2	RECEPTACLE AS-CONNECTOR (24-PIN) (EACH INCLUDES)						
		1	8N-1522	1	NUT (2-1/4-16-THD)						
		1	8N-1523	2	LOCKWASHER						
		1	9X-6856	32	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	8T-8737	36	PLUG-SEAL						
		1	9X-3402	42	SOCKET-CONNECTOR (16-GA TO 18-GA)						
		1	155-2259	1	WEDGE-PLUG LOCK (8-PIN)						
		1	155-2265	1	KIT-CONNECTING PLUG (8-PIN) (INCLUDES PLUG AS & WEDGE)						
		1	160-7689	1	PLUG AS-CONNECTOR (70-PIN)						
		1	159-9322	1	SEAL-O-RING						
	5	1	3B-4503	3	LOCKWASHER						
	6	1	7K-1181	2	STRAP-CABLE						
BE	7	1	216-4324		SLEEVE						

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

ELECTRICAL AND STARTING SYSTEM

263-6451 BOX GP-CONTROL (contd.)

i02437072



GRAPHIC #1

<END>

g01220818

ELECTRICAL AND STARTING SYSTEM

285-3950 BOX GP-CONTROL

S/N: WYB1-UP

PART OF 285-3951 BOX GP-CONTROL
AN ATTACHMENT

SMCS-4460, 7426

i02495814

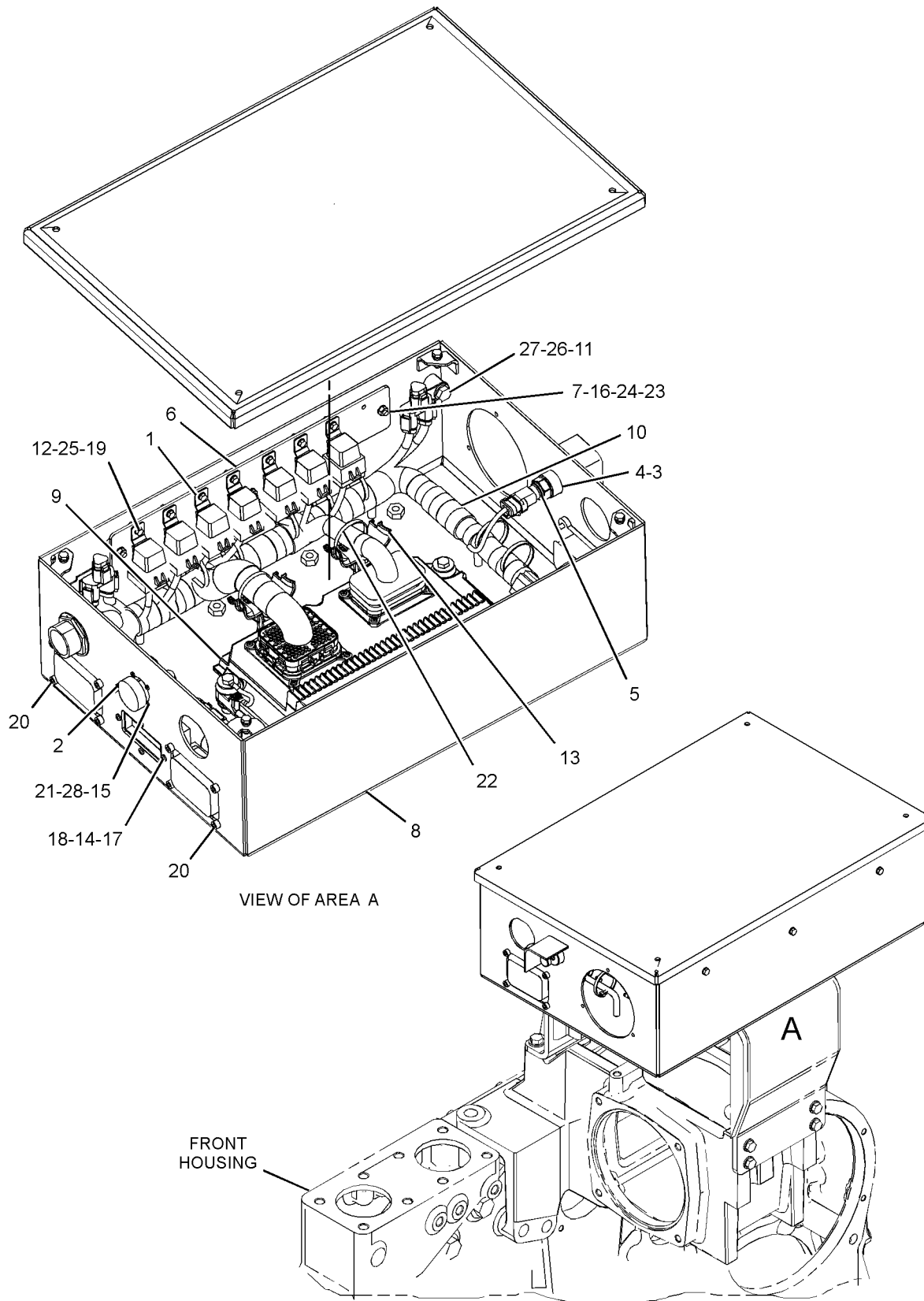
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3E-5239	7	RELAY AS (24-VOLT)						
	2	1	8C-6354	1	CAP-RECEPTACLE						
	3	1	055-1990	1	VENT						
	4	1	219-8795	1	CAP						
	5	1	241-1798	1	SENSOR GP-PRESSURE (ATMOSPHERIC)						
	6	1	263-6581	1	PLATE						
	7	1	278-7339	3	MOUNT-FLEXIBLE						
	8	1	278-7372	1	BOX GP-CONTROL						
M		1	8T-4138	4	BOLT (M6X1X20-MM)						
		1	9X-8256	4	WASHER (6.6X12X2-MM THK)						
		1	278-7375	1	BRACKET AS						
		1	278-7381	1	COVER						
Y	9	1	278-7383	1	MOUNTING GP-CONTROL						335
Y	10	1	285-3963	1	HARNESS AS-BOX						354
	11	1	130-5300	2	CLIP						
M	12	1	179-4324	7	LOCKNUT (M5X0.8-THD)						
	13	1	233-0891	2	BRACKET AS						
					(EACH INCLUDES)						
		1	232-1693	1	SCREW-HEX HEAD						
	14	1	3B-4501	4	LOCKWASHER						
M	15	1	3C-6969	4	NUT (M3X0.5-THD)						
M	16	1	5C-2890	3	NUT (M6X1-THD)						
M	17	1	5C-8312	4	NUT (M4X0.7-THD)						
M	18	1	6S-8584	4	SCREW (M4X0.7-THD)						
M	19	1	6V-4298	7	BOLT (M5X0.8X16-MM)						
M	20	1	6V-5683	12	BOLT (M6X1X16-MM)						
M	21	1	6V-9671	4	SCREW-MACHINE (M3X0.5X12-MM)						
	22	1	7K-1181	15	STRAP-CABLE						
M	23	1	7X-2619	3	BOLT (M6X1X20-MM)						
	24	1	8C-3398	6	LOCKWASHER						
	25	1	8T-0328	14	WASHER-HARD (5.5X10X1-MM THK)						
	26	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
M	27	1	8T-4191	2	BOLT (M10X1.5X16-MM)						
	28	1	9B-1117	4	LOCKWASHER						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

285-3950 BOX GP-CONTROL (contd.)

i02495814



GRAPHIC #1

<END>

g01249678

ELECTRICAL AND STARTING SYSTEM

285-3951 BOX GP-CONTROL

S/N: WYB1-UP

FOR USE WITH THERMOCOUPLE OPTION
AN ATTACHMENT

SMCS-4460, 7426

i02495805

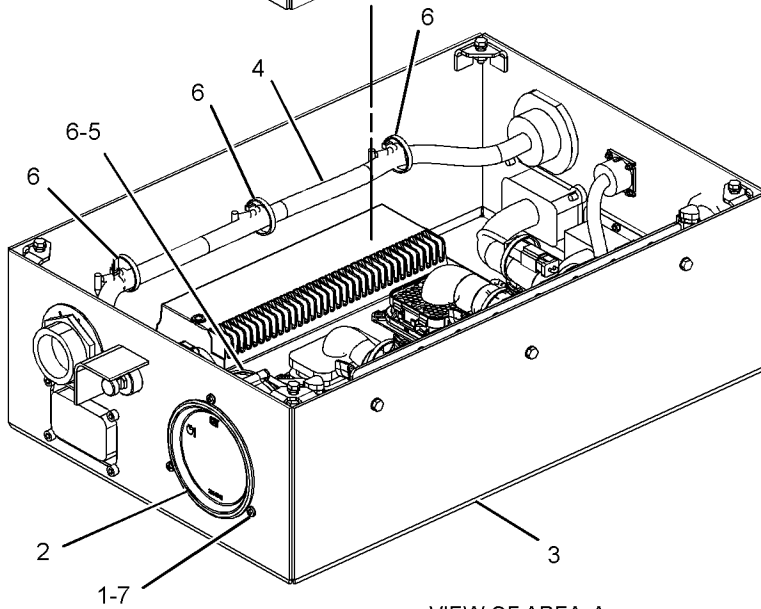
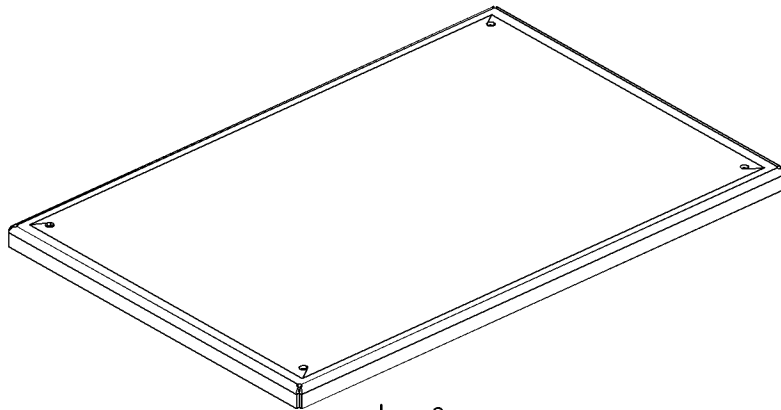
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	6J-4762	3	SCREW (10-32X0.625-IN)	
	2	1	264-0645	1	PYROMETER-DIGITAL	
Y	3	1	285-3950	1	BOX GP-CONTROL	279
Y	4	1	285-3966	1	HARNESS AS-CONTROL	355
	5	1	132-5789	1	CLIP	
	6	1	7K-1181	4	STRAP-CABLE	
	7	1	8F-1434	3	LOCKWASHER	

Y-SEPARATE ILLUSTRATION

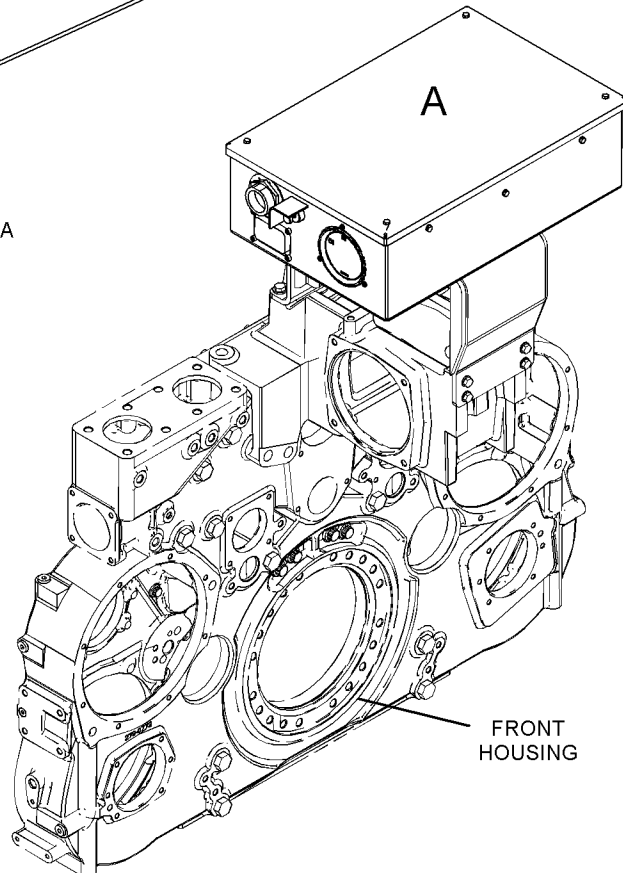
ELECTRICAL AND STARTING SYSTEM

285-3951 BOX GP-CONTROL (contd.)

i02495805



VIEW OF AREA A



FRONT HOUSING

GRAPHIC #1

<END>

g01249602

ELECTRICAL AND STARTING SYSTEM

245-0035 BOX GP-ELECTRONIC

S/N: WYB1-UP
 CUSTOMER WIRING
 FOR USE WITH EUI
 AN ATTACHMENT

SMCS-1417

i02426863

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	8C-8514	2	SCREW-MACHINE (8-32X0.375-IN)						
	2	2	8T-2882	1	HANDLE-PULL						
	3	2	9F-8125	2	LOCKWASHER						
B	4	2	9X-6772	5	STRAP-CABLE						
	5	2	135-6898	2	LATCH AS						
	6	2	156-6175	5	CLIP						
	7	2	169-4481	2	HINGE AS						
	8	2	242-8835	1	DOOR AS						
	9	1	243-4174	1	STRAP-GROUNDING						
	10	2	244-5405	1	HARNESS AS-PANEL (AC, DC INTERFACE)						
		2	109-3038	3	END-WIRE (16-GA)						
		2	110-8714	43	END-WIRE (18-GA)						
		2	112-7497	4	END-WIRE (14-GA)						
		2	186-3735	62	PIN-CONNECTOR (16-GA TO 18-GA)						
		2	126-1767	4	PIN-CONNECTOR (14-GA)						
		2	8T-8737	22	PLUG-SEAL						
		2	9W-1951	2	RECEPTACLE-CONNECTOR (9-PIN)						
		2	133-8753	1	RECEPTACLE AS-CONNECTOR (70-PIN)						
		2	7K-1181	12	STRAP-CABLE						
E		2	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (40-CM)						
Y	11	1	244-9602	1	STRIP GP-TERMINAL						428
Y	12	1	244-9603	1	STRIP GP-TERMINAL (DC)						430
Y	13	1	244-9607	1	STRIP GP-TERMINAL (SWITCHGEAR)						431
	14	1	244-9637	1	HARNESS AS-PANEL (HEATER)						
		1	110-8714	10	END-WIRE (18-GA)						
		1	112-7497	4	END-WIRE (14-GA)						
	15	2	245-0073	1	BOX AS						
D		2	6V-9335		SEAL (2.1-M)						
		2	242-8834	1	BOX AS						
J		2	244-9631		SEAL (23-DM)						
	16	1	252-7455	1	HARNESS AS-PANEL (DATA LINK)						
		1	109-3038	3	END-WIRE (16-GA)						
		1	174-0503	1	KIT-CONNECTING PLUG (3-PIN) (INCLUDES PLUG AS AND WEDGE)						
		1	134-2540	1	RECEPTACLE AS-CONNECTOR (3-PIN)						
		1	186-3736	3	SOCKET-CONNECTOR (16-GA TO 18-GA)						
	17	1	252-7519	2	STRAP						
M	18	1	116-6952	2	BOLT (M4X0.7X10-MM)						
	19	1	1H-4393	8	LOCKWASHER						
	21	1	2N-3476	8	SCREW-MACHINE (6-32X0.75-IN)						
	22	2	3B-4504	8	LOCKWASHER (1/4)						
M	23	1	8C-7581	2	SCREW-MACHINE (M4X0.7X8-MM)						
	24	1	4B-2041	8	NUT (6-32-THD)						
	25	2	4D-3100	3	GROMMET						
M	26	1,2	5C-2890	37	NUT (M6X1-THD)						
M	27	1	5C-8312	4	NUT (M4X0.7-THD)						
M	28	1,2	5C-9553	27	BOLT (M6X1X16-MM)						
	29	1	8T-0328	8	WASHER-HARD (5.5X10X1-MM THK)						
	30	1,2	9X-8256	56	WASHER (6.6X12X2-MM THK)						
BE	31	1	252-7426		DUCT-WIRE (31.5-CM EACH)						
BH	32	1	217-7164		DUCT-WIRE (31.5-CM EACH)						
BE	33	2	3E-6600		SEAL (13.5-CM EACH)						
BE	33A	1	3E-6600		SEAL (10-CM EACH)						

ELECTRICAL AND STARTING SYSTEM

245-0035 BOX GP-ELECTRONIC (contd.)

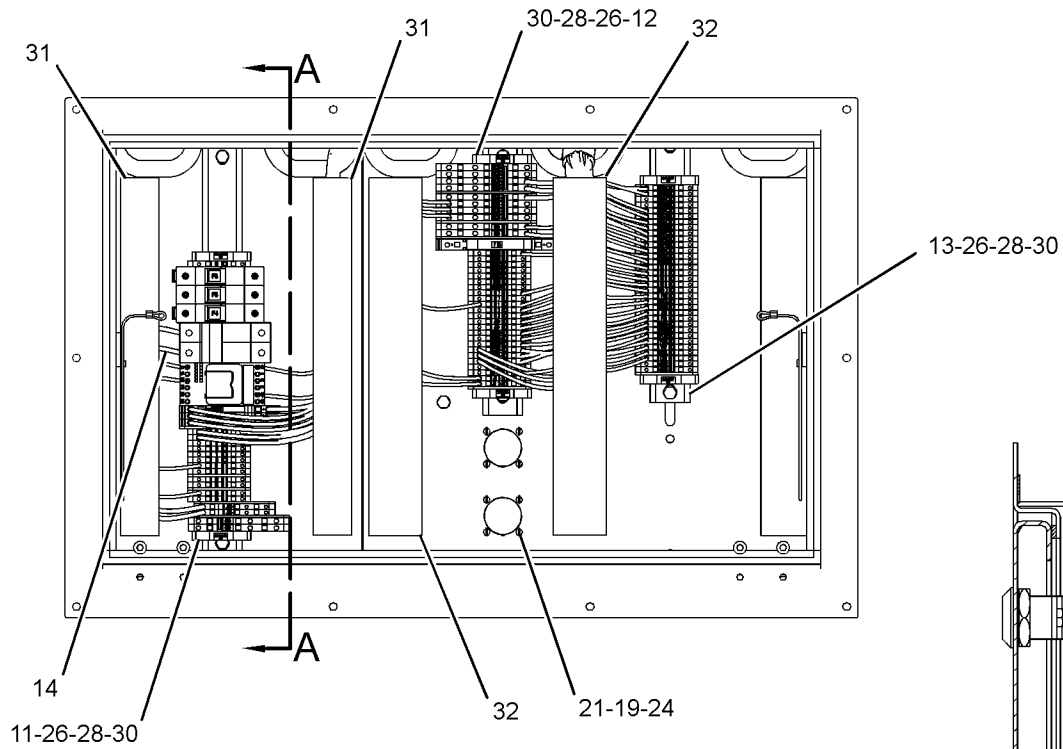
i02426863

B-USE AS REQUIRED
D-ORDER BY THE METER
E-ORDER BY THE CENTIMETER
H-ORDER BY THE MILLIMETER
J-SOLD BY THE DECIMETER
M-METRIC PART
Y-SEPARATE ILLUSTRATION

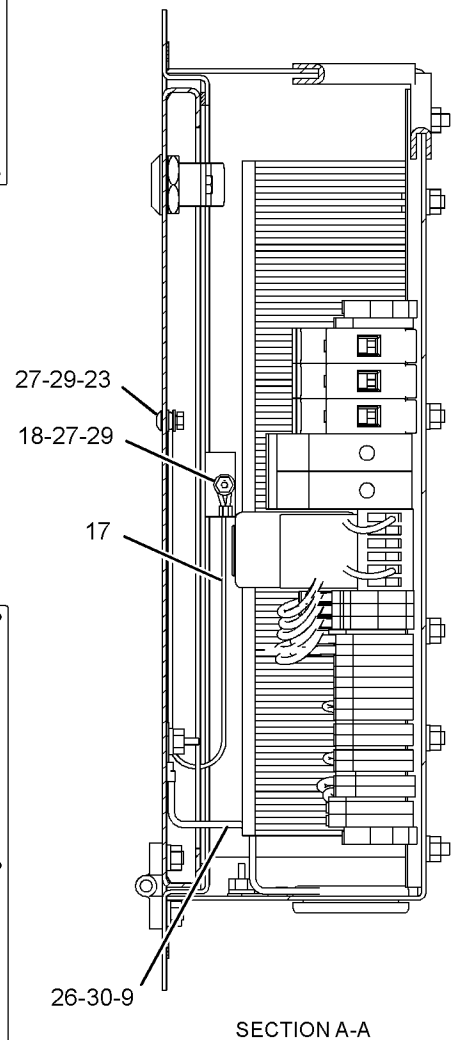
ELECTRICAL AND STARTING SYSTEM

245-0035 BOX GP-ELECTRONIC (contd.)

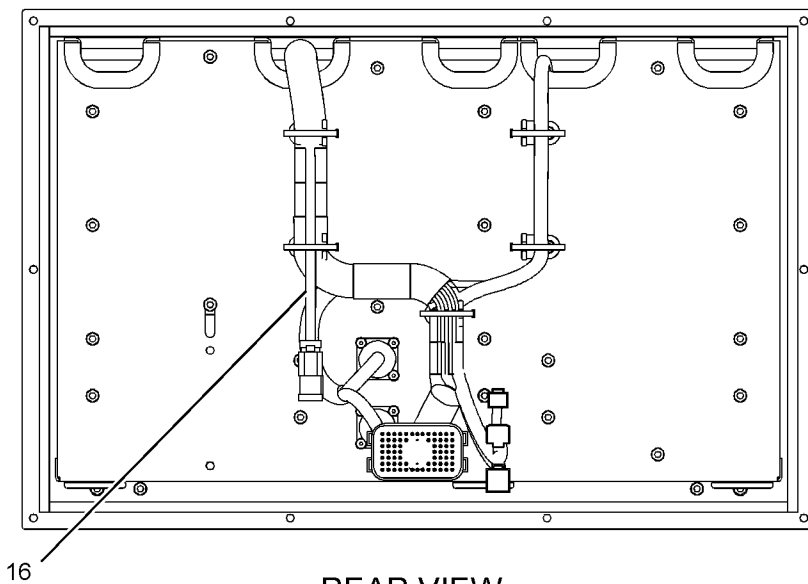
i02426863



FRONT VIEW
(WITHOUT DOOR)



SECTION A-A



REAR VIEW
(WITH HARNESS ASSEMBLY)

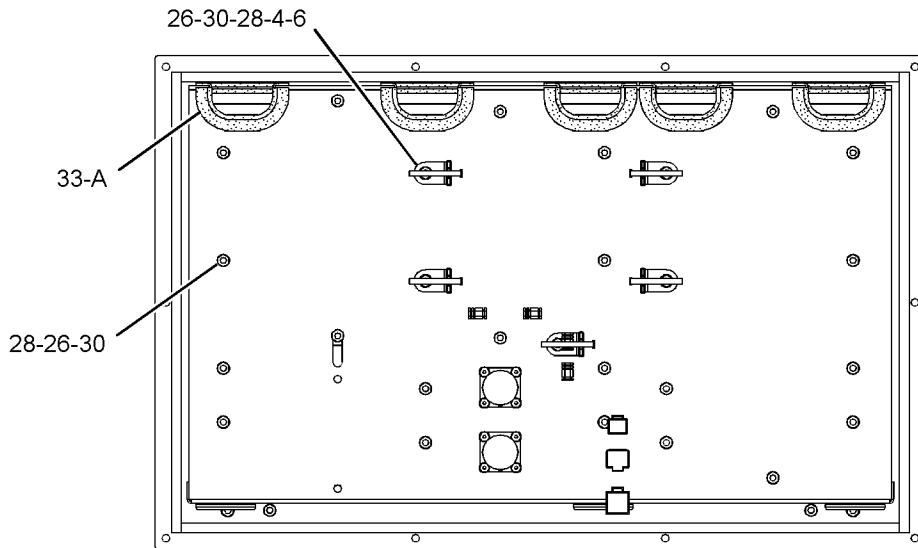
GRAPHIC #1

g01213056

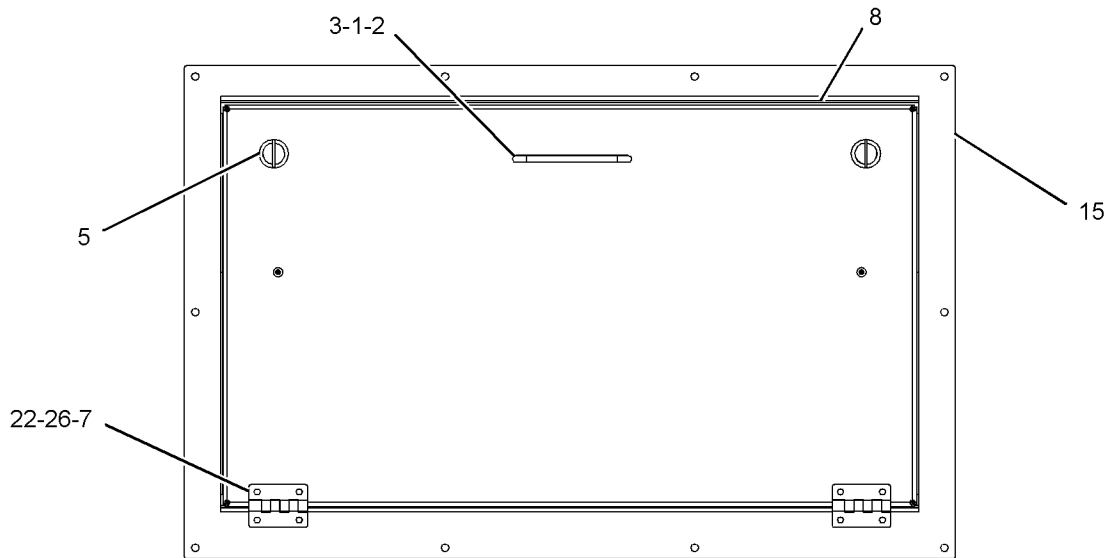
ELECTRICAL AND STARTING SYSTEM

245-0035 BOX GP-ELECTRONIC (contd.)

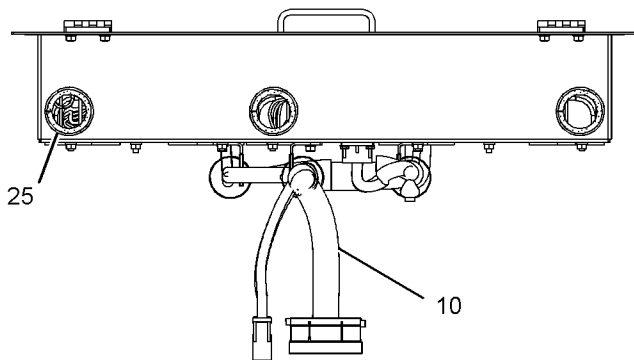
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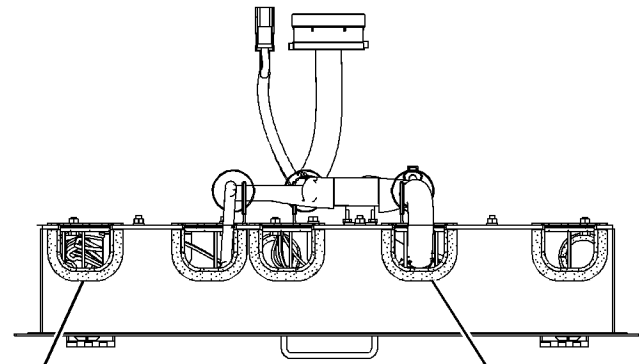
REAR VIEW
(WITHOUT WIRE HARNESS)



FRONT VIEW
(WITH DOOR)



BOTTOM VIEW



TOP VIEW

GRAPHIC #2

<END>

g01200872

ELECTRICAL AND STARTING SYSTEM

263-1744 BOX GP-ELECTRONIC

S/N: WYB1-UP

EMCP 3.3

FOR USE WITH COMMON ENGINE INTERFACE, CUSTOMER WIRING
AN ATTACHMENT

SMCS-1417

i02496809

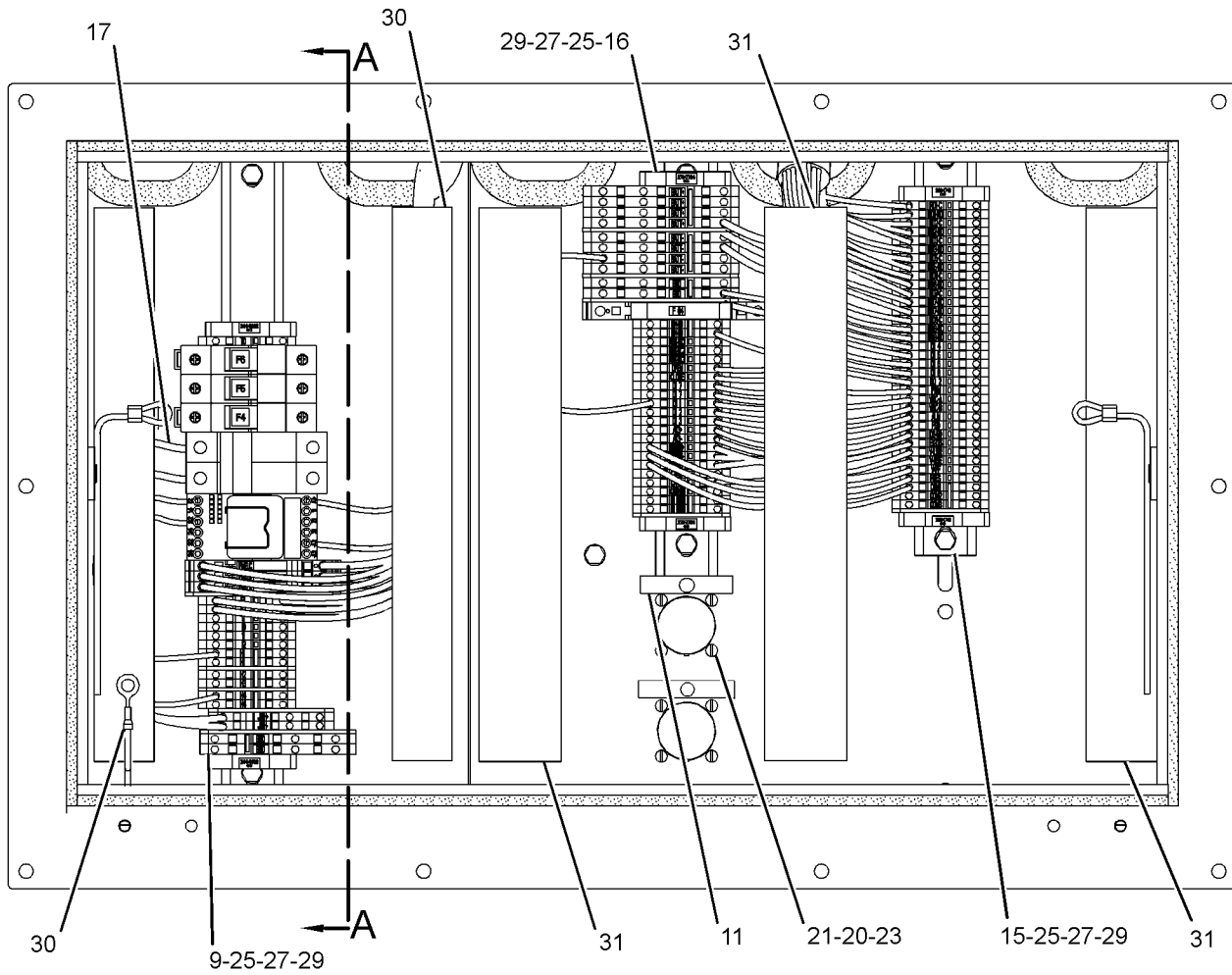
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	3	8C-8514	2	SCREW-MACHINE (8-32X0.375-IN)						
	2	3	8T-2882	1	HANDLE-PULL						
	3	3	9F-8125	2	LOCKWASHER						
B	4	3	9X-6772	5	STRAP-CABLE						
	5	3	135-6898	2	LATCH AS						
	6	3	156-6175	5	CLIP						
	7	3	169-4481	2	HINGE AS						
	8	3	242-8835	1	DOOR AS						
Y	9	1	244-9602	1	STRIP GP-TERMINAL (AC)						428
	10	3	245-0073	1	BOX AS						
	10A	3	242-8834	1	BOX AS						
J	10B	3	244-9631		SEAL (4.3-DM EACH)						
J	10C	3	244-9631		SEAL (6.5-DM EACH)						
D	10D	3	6V-9335		SEAL (.35-M EACH)						
D	10E	3	6V-9335		SEAL (.62-M EACH)						
	11	1	246-8898	1	FILM-IDENTIFICATION (SERVICE CONNECTOR)						
	12	2	252-7455	1	HARNESS AS-PANEL (DATA LINK)						
		2	134-2540	1	RECEPTACLE AS-CONNECTOR (3-PIN)						
		2	174-0503	1	KIT-CONNECTING PLUG (3-PIN) (INCLUDES PLUG AS, WEDGE & INTERFACE SEAL)						
	13	1	252-7519	2	STRAP						
	14	2	263-1739	1	HARNESS AS-BOX						
E		2	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (40-CM)						
B		2	7K-1181	12	STRAP-CABLE						
		2	9W-1951	2	RECEPTACLE-CONNECTOR (9-PIN)						
		2	133-8753	1	RECEPTACLE AS-CONNECTOR (70-PIN)						
Y	15	1	263-1741	1	STRIP GP-TERMINAL (SWITCHGEAR)						432
Y	16	1	276-7784	1	STRIP GP-TERMINAL (DC)						433
	17	1	276-8159	1	HARNESS AS-WIRING (JUMPER)						
		1	112-7497		END-WIRE (14-GA)						
		1	110-8714	6	END-WIRE (18-GA)						
	18	1	287-7137	1	STRAP AS-GROUND						
		1	2L-8077	2	TERMINAL (14-GA TO 16-GA)						
M	19	1	116-6952	2	BOLT (M4X0.7X10-MM)						
	20	1	1H-4393	8	LOCKWASHER						
	21	1	2N-3476	8	SCREW-MACHINE (6-32X0.75-IN)						
M	22	1	8C-7581	2	SCREW-MACHINE (M4X0.7X8-MM)						
	23	1	4B-2041	8	NUT (6-32-THD)						
	24	2	4D-3100	3	GROMMET						
M	25	1,3	5C-2890	37	NUT (M6X1-THD)						
M	26	1	5C-8312	4	NUT (M4X0.7-THD)						
M	27	1,3	5C-9553	27	BOLT (M6X1X16-MM)						
	28	1	8T-0328	8	WASHER-HARD (5.5X10X1-MM THK)						
	29	1,3	9X-8256	64	WASHER (6.6X12X2-MM THK)						
E	30	1	252-7426		DUCT-WIRE (63-CM)						
L	31	1	217-7164		DUCT-WIRE (944-MM)						
E	32	2	3E-6600		SEAL (118-CM)						

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

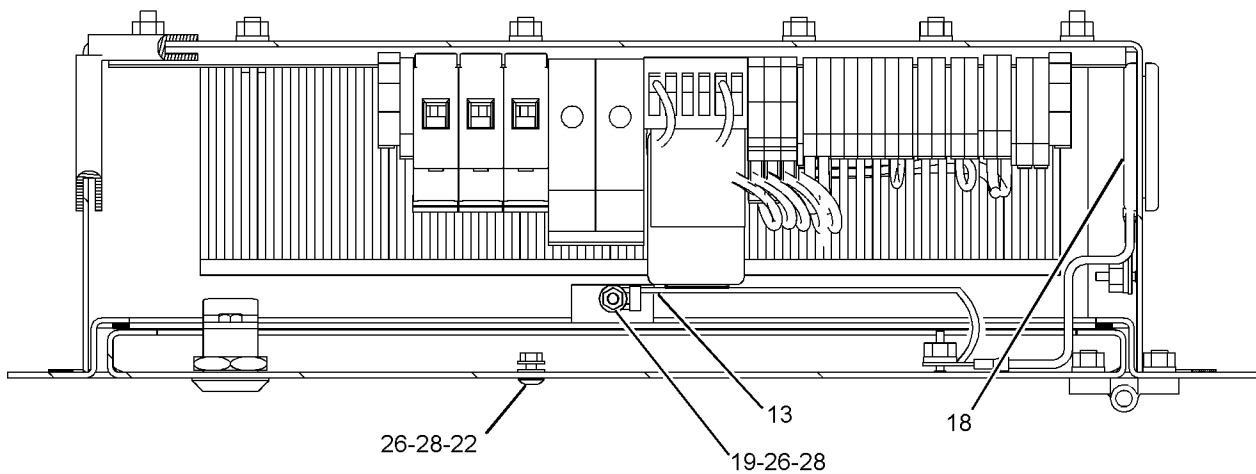
ELECTRICAL AND STARTING SYSTEM

263-1744 BOX GP-ELECTRONIC (contd.)

i02496809



FRONT VIEW
(WITHOUT DOOR)



SECTION A-A
(ROTATED 90° CCW)

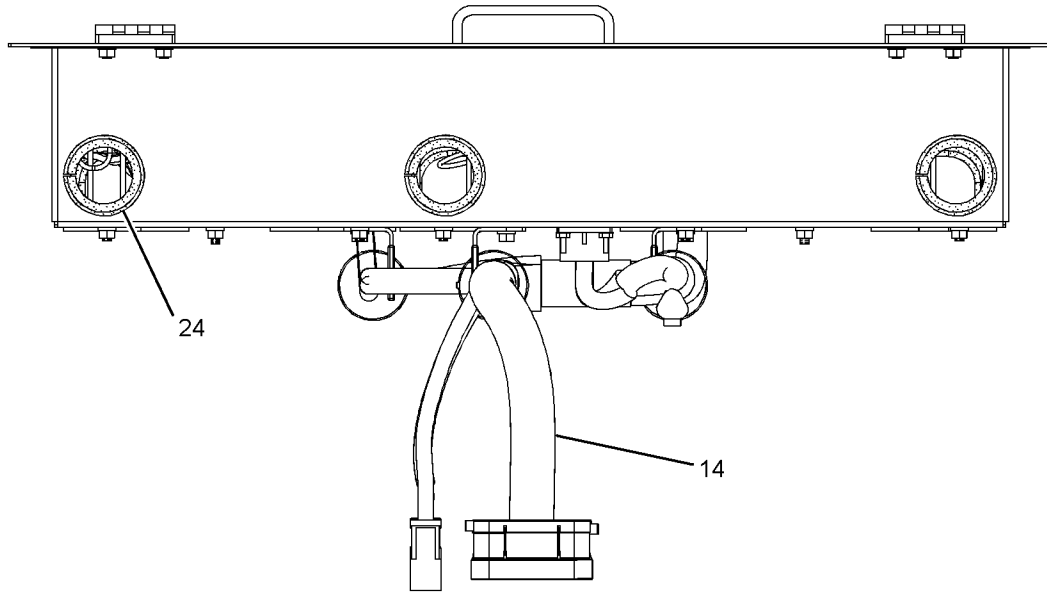
GRAPHIC #1

g01252410

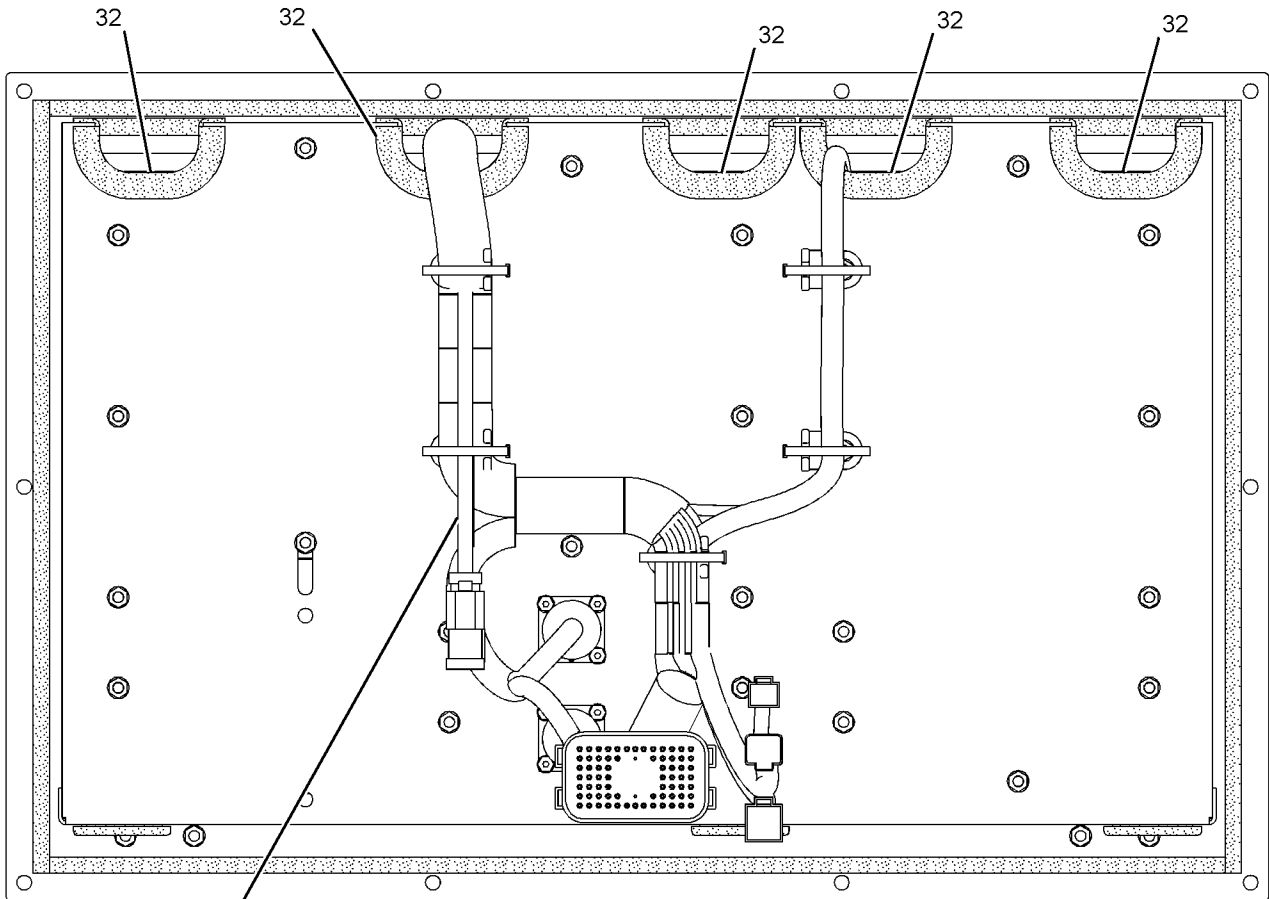
ELECTRICAL AND STARTING SYSTEM

263-1744 BOX GP-ELECTRONIC (contd.)

i02496809



BOTTOM VIEW



REAR VIEW
(WITH HARNESS ASSEMBLY)

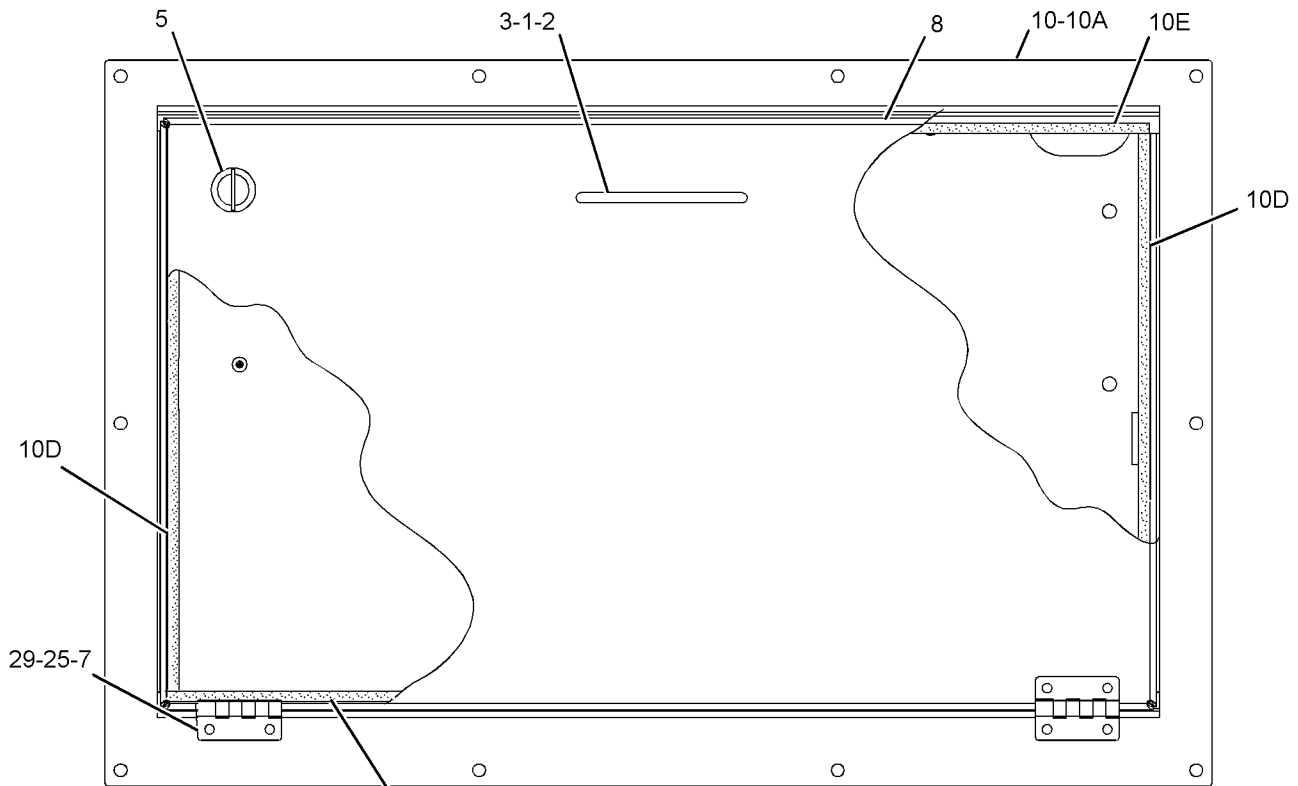
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g01253582

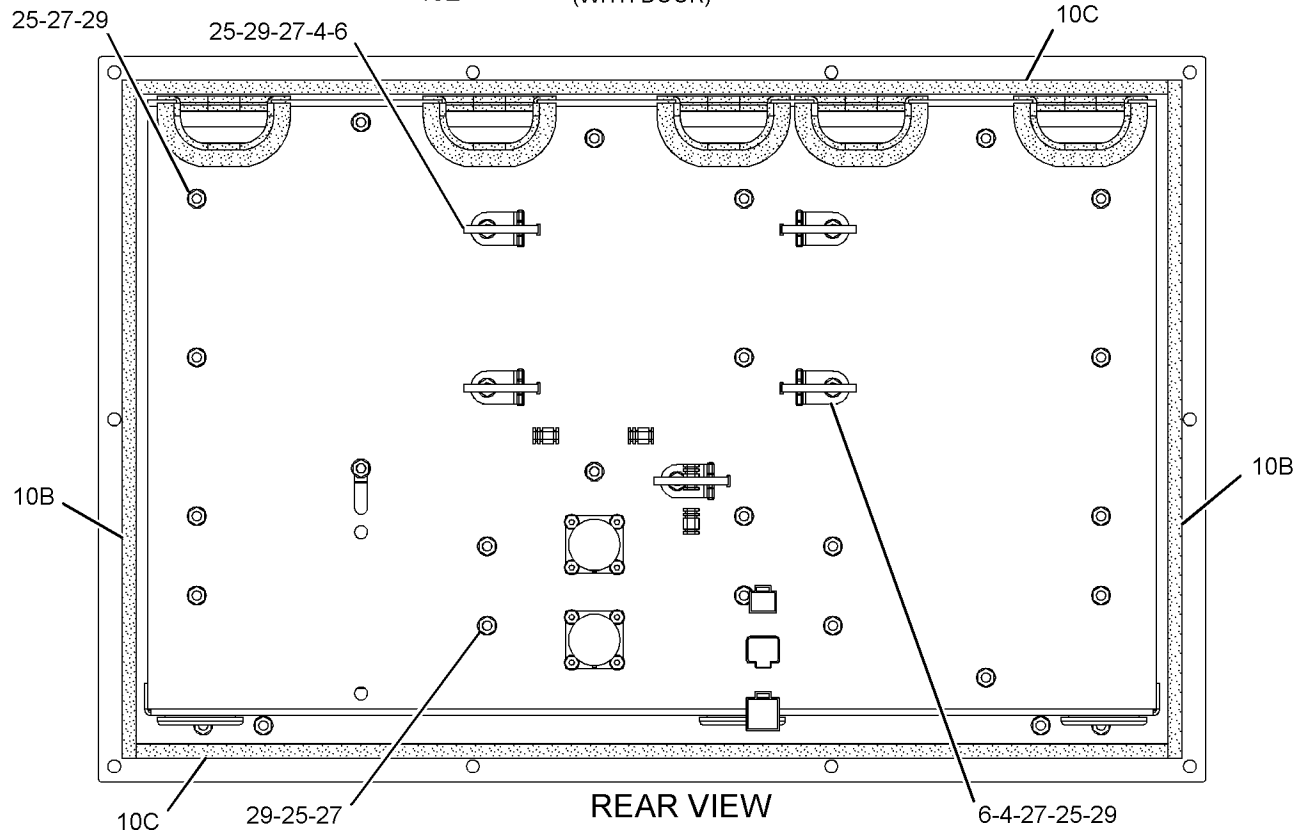
ELECTRICAL AND STARTING SYSTEM

263-1744 BOX GP-ELECTRONIC (contd.)

i02496809



FRONT VIEW
(WITH DOOR)



REAR VIEW
(WITH OUT HARNESS ASSEMBLY)

GRAPHIC #3

<END>

g01254919

ELECTRICAL AND STARTING SYSTEM

281-3958 BOX GP-ELECTRONIC

S/N: WYB1-UP

EMCP 3.1

FOR USE WITH COMMON ENGINE INTERFACE, CUSTOMER WIRING
AN ATTACHMENT

SMCS-1417

i02506182

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8C-8514	2	SCREW-MACHINE (8-32X0.375-IN)						
	2	1	8T-2882	1	HANDLE-PULL						
	3	1	9F-8125	2	LOCKWASHER						
B	4	3	9X-6772	5	STRAP-CABLE						
	5	1,2	135-6898	2	LATCH AS						
	6	3	156-6175	5	CLIP						
	7	1	169-4481	2	HINGE AS						
	8	1	242-8835	1	DOOR AS						
Y	9	1	244-9602	1	STRIP GP-TERMINAL						428
	10	1	245-0073	1	BOX AS						
	10A	1	242-8834	1	BOX AS						
J	10B	2	244-9631		SEAL (4.3-DM EACH)						
J	10C	2,2	244-9631		SEAL (6.5-DM EACH)						
D	10D	1	6V-9335		SEAL (.35-M EACH)						
D	10E	1	6V-9335		SEAL (.62-M EACH)						
	11	1	246-8898	1	FILM-IDENTIFICATION (SERVICE CONNECTOR)						
	12	2	252-7519	2	STRAP						
	13	1	252-7697	1	WIRE AS						
	14	2	267-8469	1	HARNESS AS-WIRING (JUMPER)						
		2	110-8714	4	END-WIRE (18-GA)						
	15	1	276-8159	1	HARNESS AS-WIRING (JUMPER)						
		1	112-7497	4	END-WIRE (14-GA)						
		1	110-8714	6	END-WIRE (18-GA)						
	16	2	281-2760	1	HARNESS AS-BOX						
		2	186-3735	43	PIN-CONNECTOR (16-GA TO 18-GA)						
		2	110-8714	32	END-WIRE (18-GA)						
		2	112-7497	4	END-WIRE (14-GA)						
		2	7K-1181	12	STRAP-CABLE						
E		2	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (15-CM)						
		2	9W-1951	1	RECEPTACLE-CONNECTOR (9-PIN)						
		2	133-8753	1	RECEPTACLE AS-CONNECTOR (70-PIN)						
					(EACH INCLUDES RECEPTACLE AS AND WEDGE)						
Y	17	1	281-2768	1	STRIP GP-TERMINAL (SWITCHGEAR)						434
Y	18	1	281-3177	1	STRIP GP-TERMINAL (DC)						435
	19	2	287-7137	1	STRAP AS-GROUND						
		2	2L-8077	2	TERMINAL (14-GA TO 16-GA)						
M	20	2	116-6952	2	BOLT (M4X0.7X10-MM)						
	21	1	1H-4393	4	LOCKWASHER						
	22	1	2N-3476	4	SCREW-MACHINE (6-32X0.75-IN)						
M	23	2	8C-7581	2	SCREW-MACHINE (M4X0.7X8-MM)						
	24	1	4B-2041	4	NUT (6-32-THD)						
	25	2,2	4D-3100	3	GROMMET						
M	26	1,2,3	5C-2890	37	NUT (M6X1-THD)						
M	27	2	5C-8312	4	NUT (M4X0.7-THD)						
M	28	1,2,3	5C-9553	27	BOLT (M6X1X16-MM)						
	29	2	8T-0328	8	WASHER-HARD (5.5X10X1-MM THK)						
	30	1,1,2,3	9X-8256	64	WASHER (6.6X12X2-MM THK)						
E	31	1	252-7426		DUCT-WIRE (63-CM)						
L	32	1	217-7164		DUCT-WIRE (950-MM)						
E	33	2	3E-6600		SEAL (118-CM)						

ELECTRICAL AND STARTING SYSTEM

281-3958 BOX GP-ELECTRONIC (contd.)

i02506182

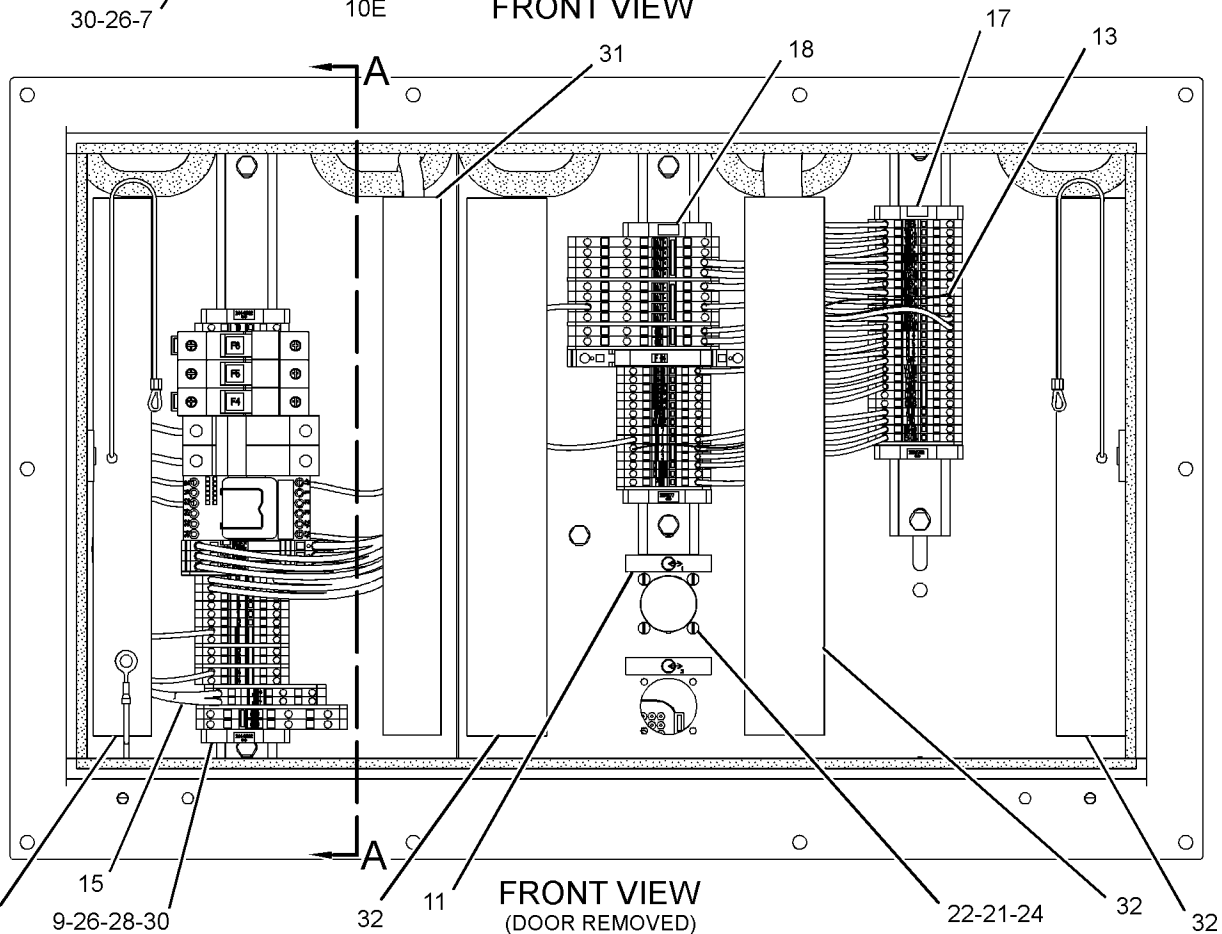
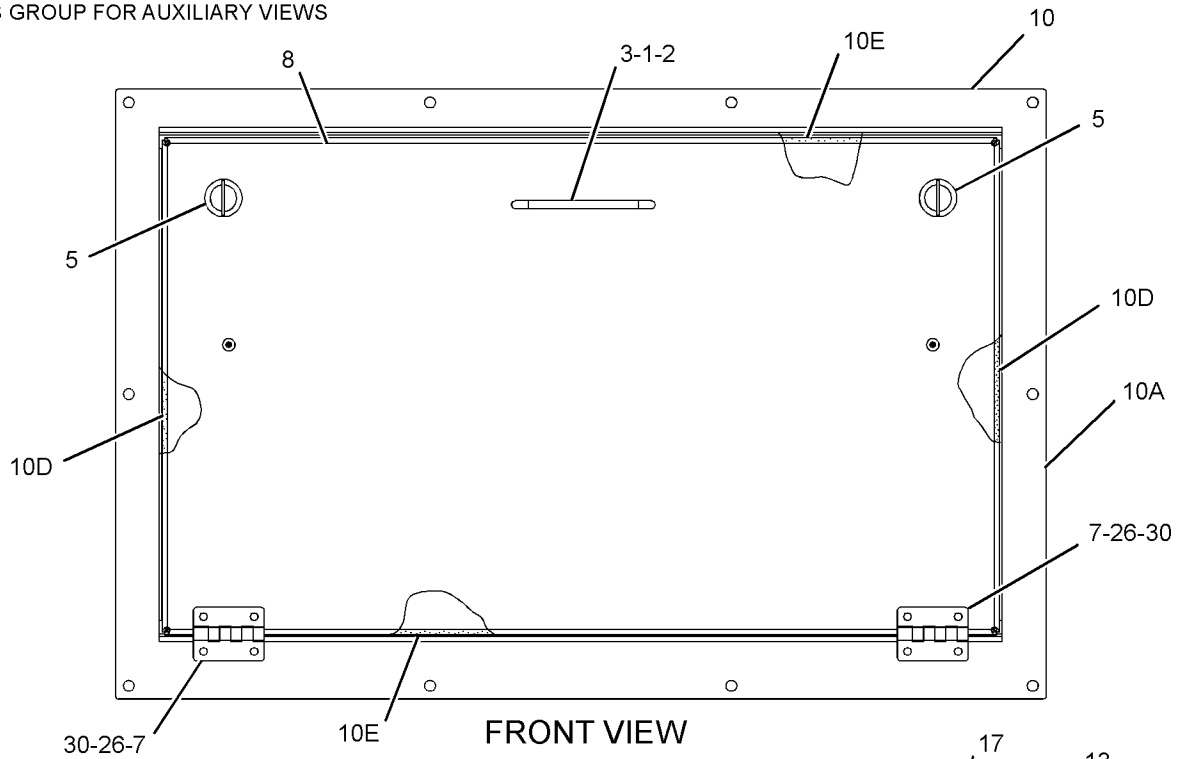
B-USE AS REQUIRED
D-ORDER BY THE METER
E-ORDER BY THE CENTIMETER
J-ORDER BY THE DECIMETER
L-ORDER BY THE MILLIMETER
M-METRIC PART
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

281-3958 BOX GP-ELECTRONIC (contd.)

i02506182

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



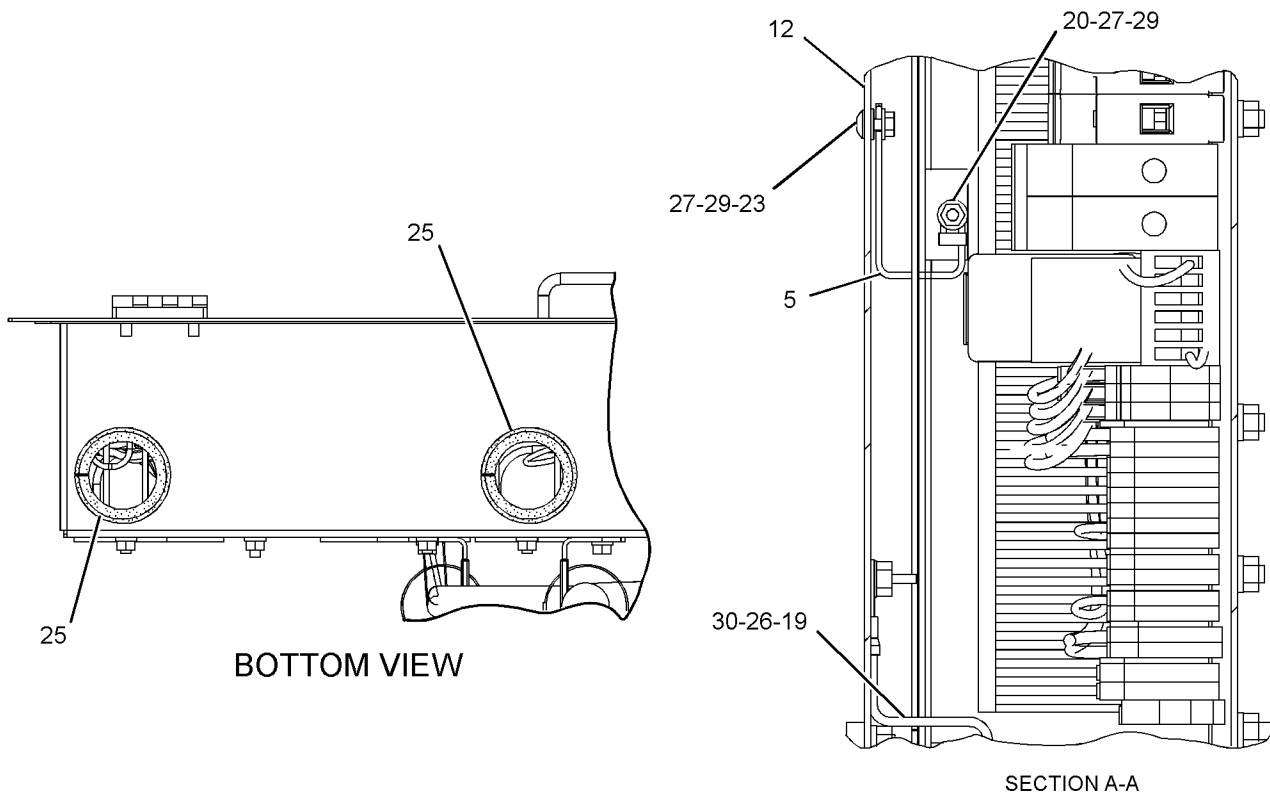
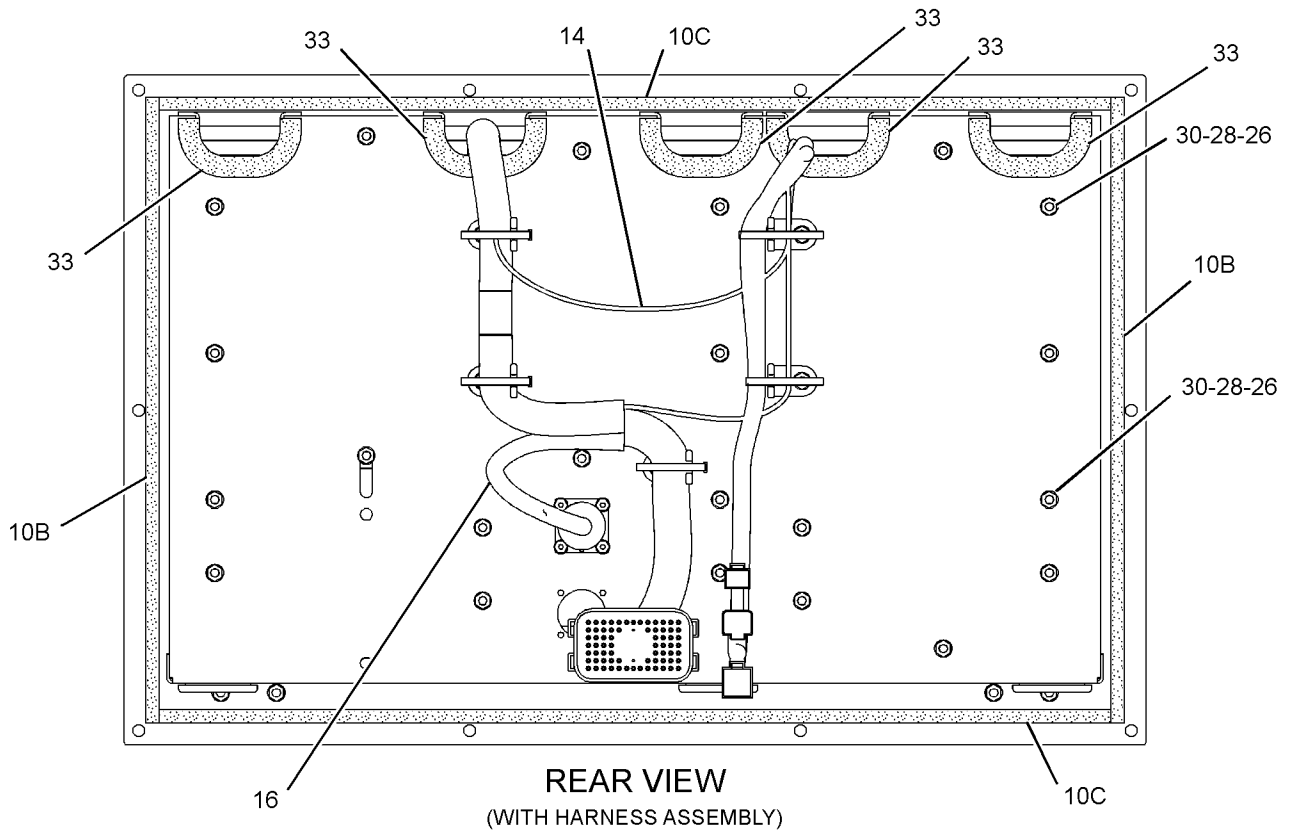
GRAPHIC #1

g01254274

ELECTRICAL AND STARTING SYSTEM

281-3958 BOX GP-ELECTRONIC (contd.)

i02506182



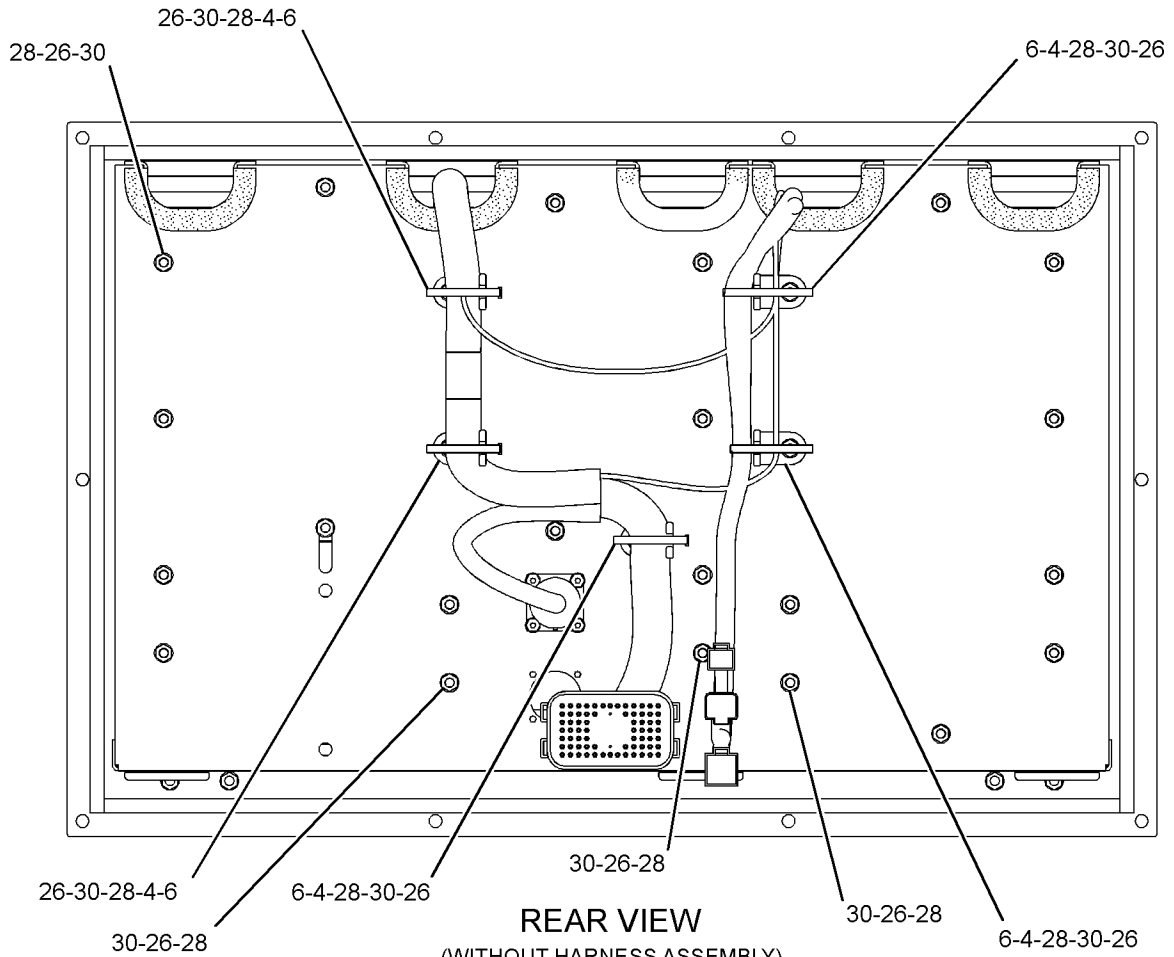
GRAPHIC #2

g01254276

ELECTRICAL AND STARTING SYSTEM

281-3958 BOX GP-ELECTRONIC (contd.)

i02506182



GRAPHIC #3

<END>

g01254281

ELECTRICAL AND STARTING SYSTEM

245-0002 BOX GP-EXTENSION TERMINAL-REAR

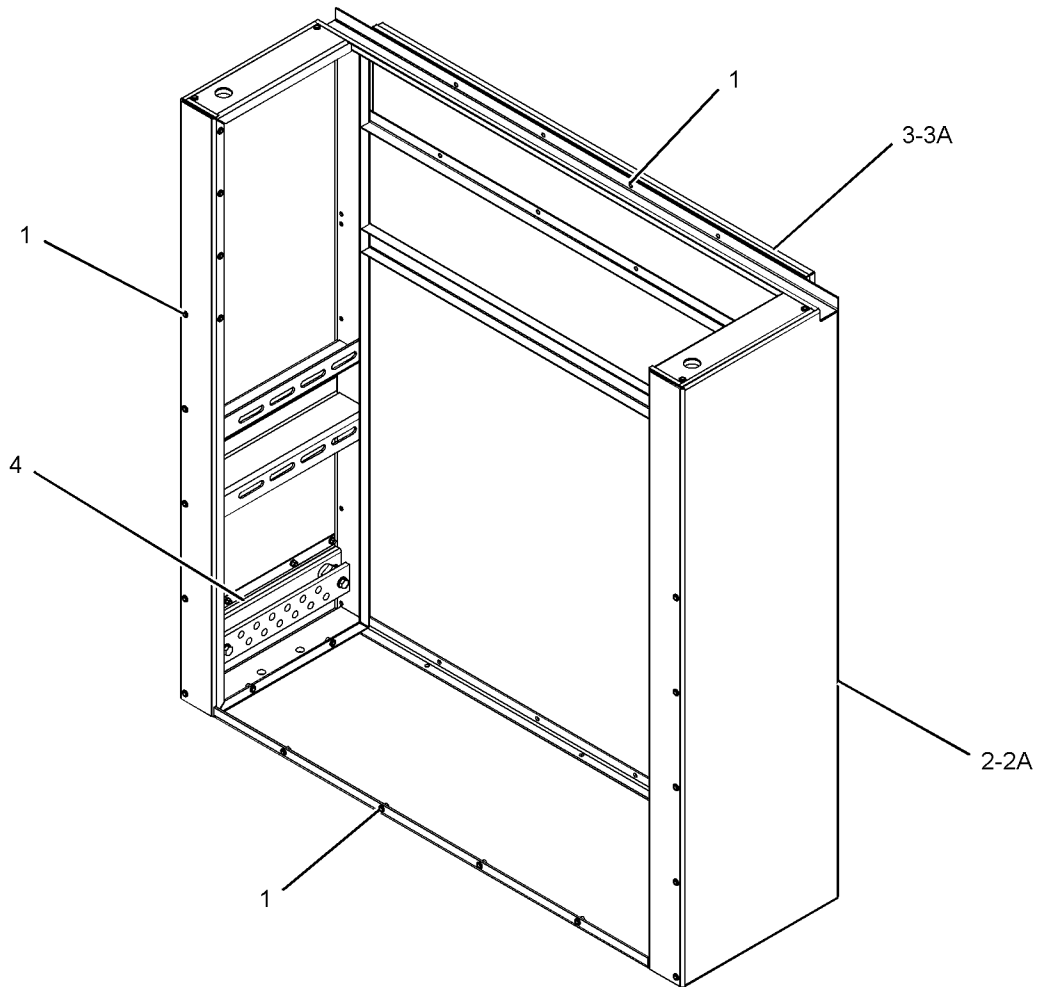
S/N: WYB1-UP
AN ATTACHMENT

SMCS-4460

i02404037

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	235-4451	29	BOLT-FLANGE HEAD (M6X1X16-MM)						
	2	1	242-8837	1	BOX AS-EXTENSION						
M		1	3E-4304	30	INSERT-THREADED (M6X1-6H-THD)						
J	2A	1	244-9631		SEAL (77-DM)						
	3	1	243-1894	1	BRACE AS						
M		1	3E-4304	8	INSERT-THREADED (M6X1-6H-THD)						
		1	279-6179	1	BRACE						
J	3A	1	244-9631		SEAL (15-DM)						
Y	4	1	252-7471	1	BUS BAR AS (GROUND)						309

J-ORDER BY THE DECIMETER
M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01205328

ELECTRICAL AND STARTING SYSTEM

245-0003 BOX GP-EXTENSION TERMINAL-SIDE

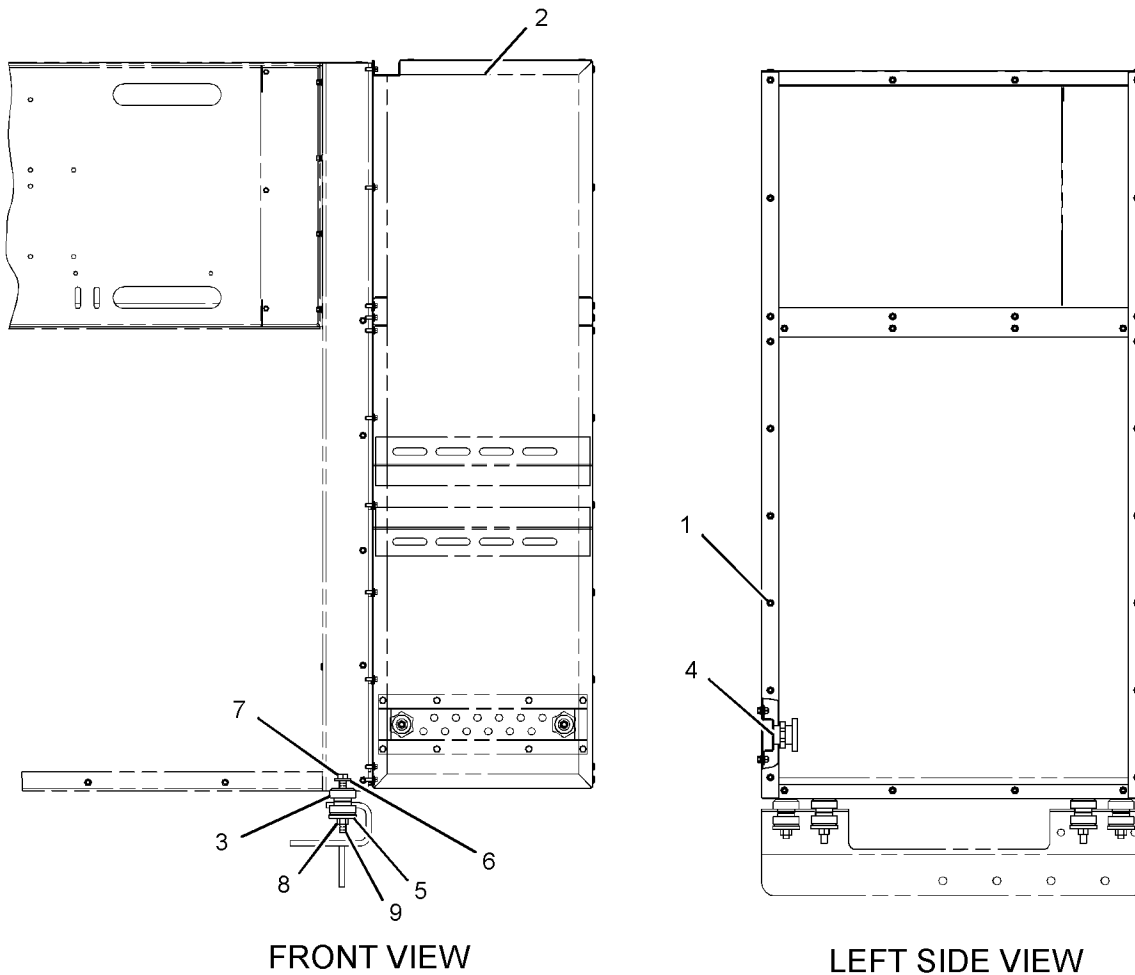
S/N: WYB1-UP
AN ATTACHMENT

SMCS-4460

i02492111

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	235-4451	26	BOLT-FLANGE HEAD (M6X1X16-MM)						
	2	1	245-0044	1	BOX GP-EXTENSION TERMINAL						
		1	242-8839	1	BOX AS (SIDE EXTENSION)						
M		1	3E-4304	34	INSERT-THREADED (M6X1-6H-THD)						
J		1	244-9631		SEAL (60-DM)						
	3	1	249-3108	2	MOUNT-ISOLATION						
Y	4	1	252-7471	1	BUS BAR AS (GROUND)						309
	5	1	086-0297	2	WASHER (13X50X6-MM THK)						
	6	1	5P-1076	2	WASHER-HARD (13.5X30X4-MM THK)						
M	7	1	7X-2549	1	BOLT (M12X1.75X100-MM)						
M	8	1	8T-4244	2	NUT (M12X1.75-THD)						
M	9	1	8T-4176	1	BOLT (M12X1.75X90-MM)						

J-ORDER BY THE DECIMETER
M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01245749

ELECTRICAL AND STARTING SYSTEM

263-6744 BOX GP-JUNCTION-POWER DISTRIBUTION

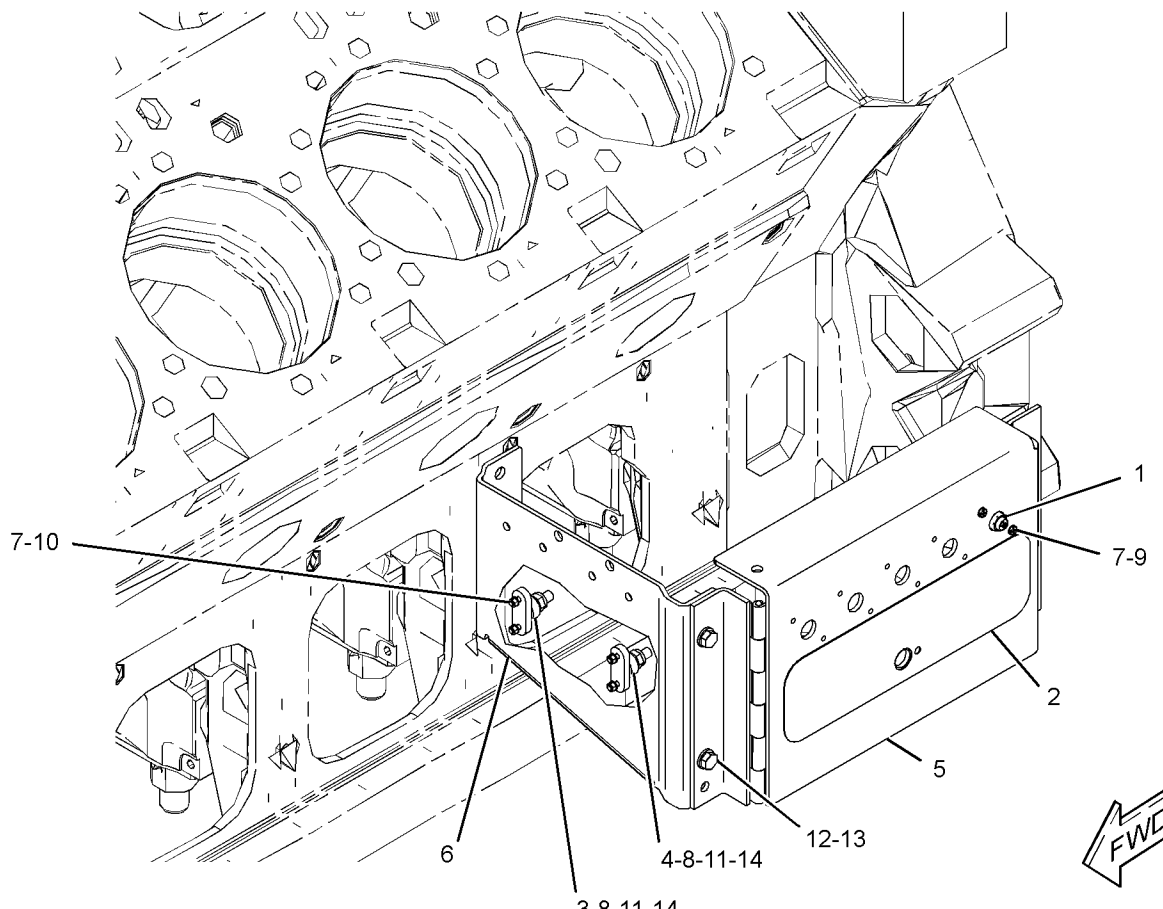
S/N: WYB1-UP
AN ATTACHMENT

SMCS-7426

i02441241

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	1 2 3 4 5 6 (PRODUCT LEVEL)						SEE PAGE
	1	1	171-2210	1	CIRCUIT BREAKER AS (80-AMPERE)							
		1	6V-8187	2	NUT (1/4-28-THD)							
		1	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)							
		1	253-2111	2	LOCKWASHER							
	2	1	263-6537	1	FILM-IDENTIFICATION (FUSE, CIRCUIT BREAKER)							
	3	1	263-6556	1	STUD							
	4	1	263-6557	1	STUD							
	5	1	263-6776	1	BRACKET AS							
		1	7G-4262	1	HINGE							
	6	1	263-6777	1	BRACKET AS							
	7	1	096-0192	6	LOCKWASHER							
	8	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)							
	9	1	6V-7978	2	SCREW-MACHINE (10-32X0.375-IN)							
M	10	1	6V-8127	4	NUT (M5X0.8-MM-THD)							
M	11	1	8T-0389	2	LOCKNUT (M10X1.15-THD)							
	12	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)							
M	13	1	8T-4136	2	BOLT (M10X1.5X25-MM)							
M	14	1	8T-6693	4	SCREW-MACHINE (M5X0.8X16-MM)							

M-METRIC PART



GRAPHIC #1

3-8-11-14
<END>

g01221577

ELECTRICAL AND STARTING SYSTEM

263-6747 BOX GP-JUNCTION-STARTING

S/N: WYB1-UP
AN ATTACHMENT

SMCS-7426

i02444479

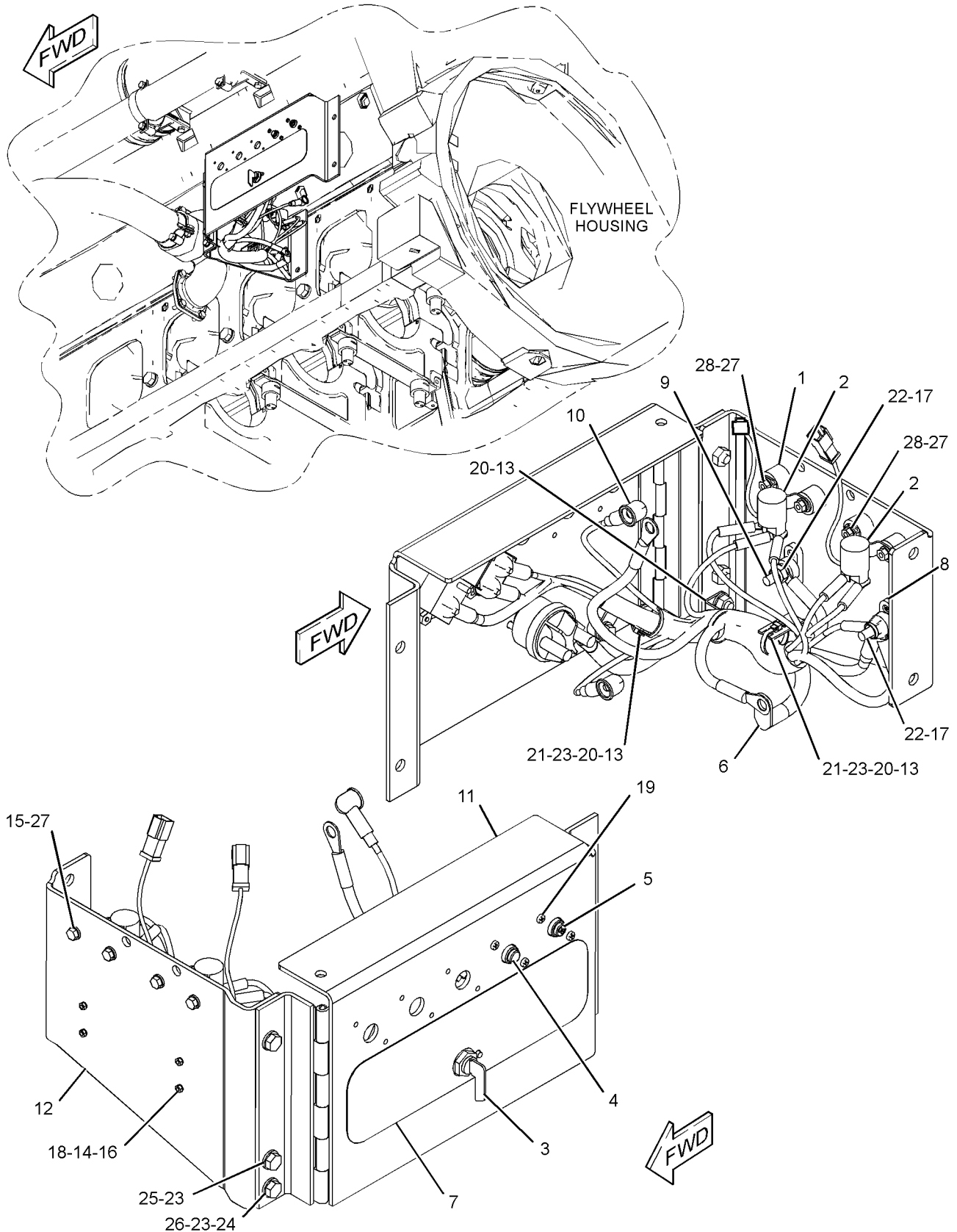
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7E-7731	4	MOUNT						
	2	1	148-0757	2	SWITCH AS-MAGNETIC (24-VOLT) (STARTING)						
	3	1	161-7082	1	SWITCH AS-DISCONNECT						
		1	2H-3922	2	LOCKWASHER						
		1	6B-6684	4	NUT-FULL (1/2-20-THD)						
		1	8H-5303	1	NUT (3/4-16-THD)						
		1	8H-5306	1	KEY (BATTERY DISCONNECT)						
	4	1	171-2205	1	CIRCUIT BREAKER AS (40-AMPERE)						
		1	6V-8187	2	NUT (1/4-28-THD)						
		1	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)						
		1	253-2111	2	LOCKWASHER						
	5	1	171-2210	1	CIRCUIT BREAKER AS (80-AMPERE)						
		1	6V-8187	2	NUT (1/4-28-THD)						
		1	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)						
		1	253-2111	2	LOCKWASHER						
	6	1	263-6535	1	CABLE AS						
		1	3L-7634	2	TERMINAL-RING (0000-GA, 0.5-IN)						
E		1	5P-0745		CABLE (0000-GA) (43-CM)						
	7	1	263-6537	1	FILM-IDENTIFICATION (FUSE, CIRCUIT BREAKER)						
	8	1	263-6556	1	STUD						
	9	1	263-6557	1	STUD						
	10	1	263-6756	1	HARNESS AS-MOTOR (STARTING)						
		1	9G-4336	2	TERMINAL-RING						
		1	9G-4344	2	TERMINAL (4-GA)						
		1	2L-8057	2	TERMINAL (8-GA, NO.10 SCREW)						
		1	2L-8058	7	TERMINAL-RING (8-GA, 1/4-IN)						
		1	2L-8060	1	TERMINAL (8-GA, 3/8-IN SCREW)						
		1	135-2543	2	BOOT						
	11	1	263-6776	1	BRACKET AS						
		1	7G-4262	1	HINGE						
	12	1	263-6777	1	BRACKET AS						
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)						
	13	1	132-5789	3	CLIP						
	14	1	3B-4501	4	LOCKWASHER						
	15	1	4M-5281	4	BOLT (1/4-20X0.75-IN)						
M	16	1	5C-8312	4	NUT (M4X0.7-THD)						
	17	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
M	18	1	6S-8584	4	SCREW (M4X0.7-THD)						
	19	1	6V-7978	4	SCREW-MACHINE (10-32X0.375-IN)						
	20	1	7K-1181	3	STRAP-CABLE						
M	21	1	7X-2621	2	BOLT (M10X1.5X12-MM)						
M	22	1	8T-0389	2	LOCKNUT (M10X1.15-THD)						
	23	1	8T-4121	6	WASHER-HARD (11X21X2.5-MM THK)						
M	24	1	8T-4133	1	NUT (M10X1.5-THD)						
M	25	1	8T-4136	2	BOLT (M10X1.5X25-MM)						
M	26	1	8T-4195	1	BOLT (M10X1.5X30-MM)						
	27	1	8T-4205	8	WASHER-HARD (7.2X14.5X2-MM THK)						
	28	1	9S-8750	4	NUT-FULL (1/4-20-THD)						

E-ORDER BY THE CENTIMETER
M-METRIC PART

ELECTRICAL AND STARTING SYSTEM

263-6747 BOX GP-JUNCTION (contd.)

i02444479



GRAPHIC #1

<END>

g01224738

ELECTRICAL AND STARTING SYSTEM

244-9677 BUS BAR AS

S/N: WYB1-UP

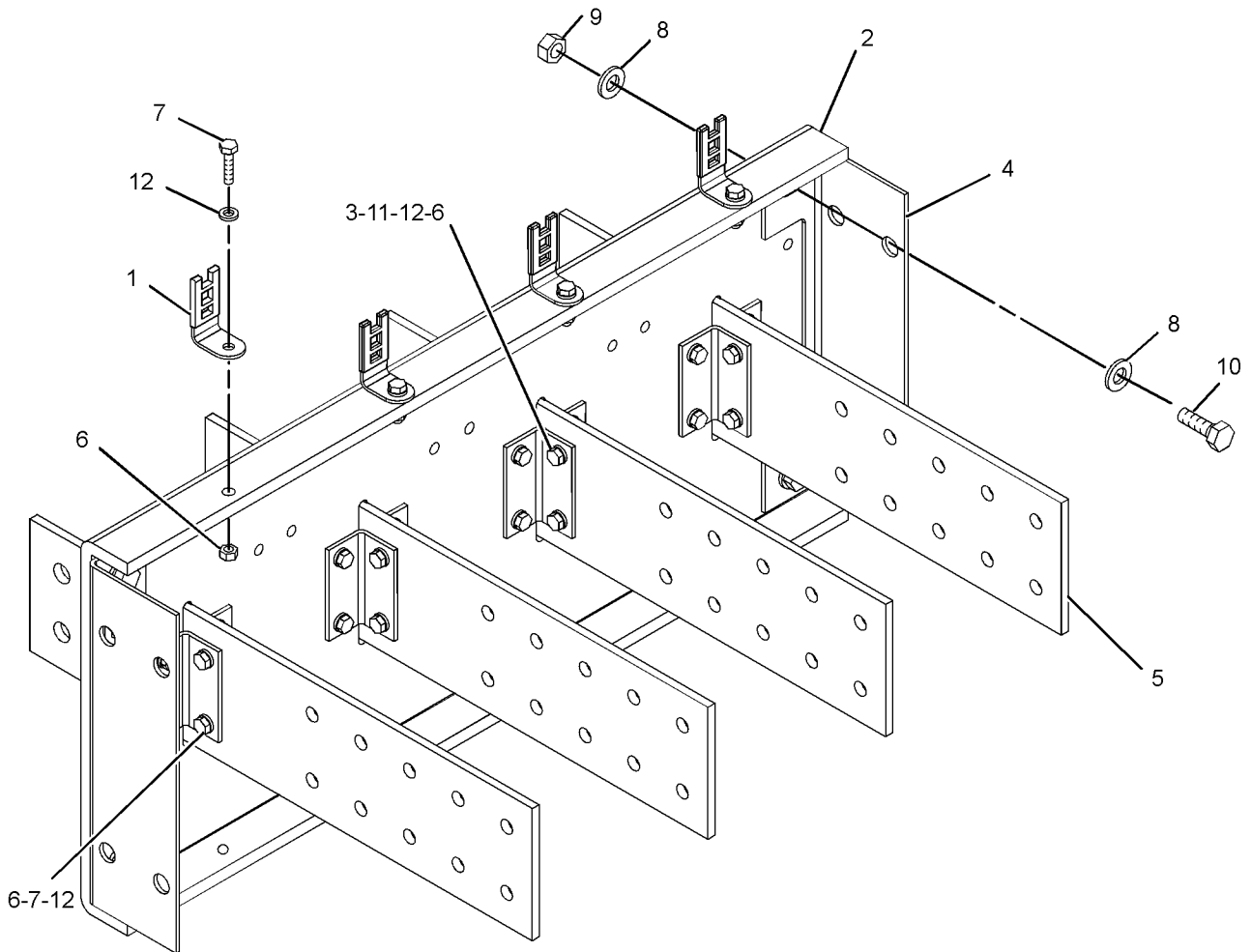
PART OF 252-7344 BUS BAR GP-BOX
AN ATTACHMENT

SMCS-445B

i02416546

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	156-6175	4	CLIP						
	2	1	244-9660	1	SUPPORT - BUS						
	3	1	244-9661	8	BRACKET						
	4	1	244-9662	2	BRACKET						
	5	1	244-9676	4	BAR - BUS (MAIN)						
M	6	1	5C-2890	28	NUT (M6X1-THD)						
M	7	1	6V-7357	12	BOLT (M6X1X25-MM)						
	8	1	8T-4121	8	WASHER - HARD (11X21X2.5-MM THK)						
M	9	1	8T-4133	4	NUT (M10X1.5-THD)						
M	10	1	8T-4195	4	BOLT (M10X1.5X30-MM)						
M	11	1	8T-4971	16	BOLT (M6X1X30-MM)						
	12	1	9X-8256	56	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01207833

ELECTRICAL AND STARTING SYSTEM

244-9678 BUS BAR AS

S/N: WYB1-UP

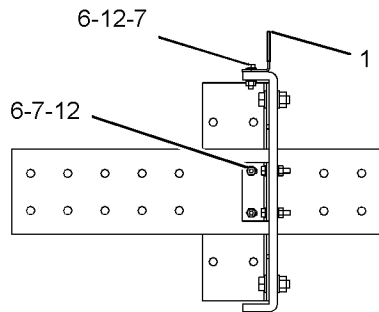
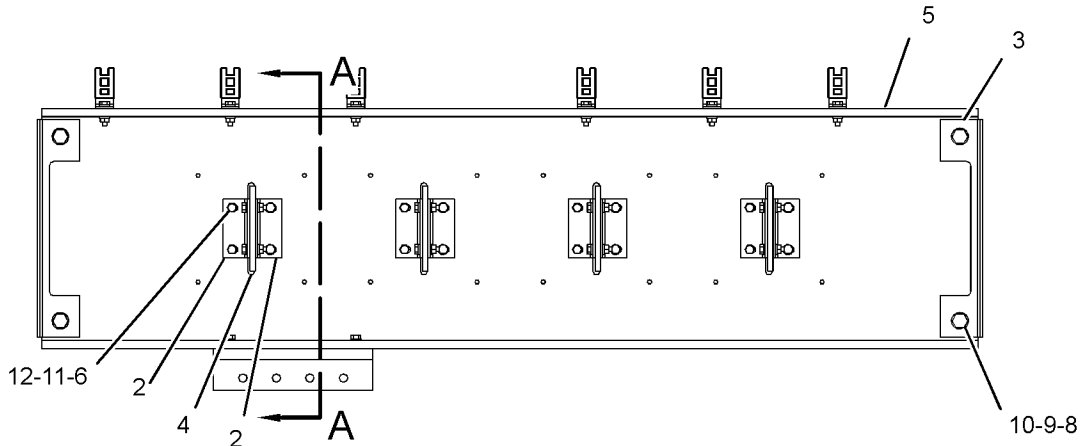
PART OF 245-0094 BUS BAR GP-BOX
AN ATTACHMENT

SMCS - 445B

i02399782

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	156-6175	6	CLIP						
	2	1	244-9661	8	BRACKET						
	3	1	244-9662	2	BRACKET						
	5	1	244-9676	4	BAR - BUS (MAIN)						
	6	1	244-9679	1	SUPPORT - BUS						
M	7	1	5C-2890	30	NUT (M6X1 - THD)						
M	8	1	6V-7357	14	BOLT (M6X1X25-MM)						
	9	1	8T-4121	8	WASHER - HARD (11X21X2.5-MM THK)						
M	10	1	8T-4133	4	NUT (M10X1.5-THD)						
M	11	1	8T-4195	4	BOLT (M10X1.5X30-MM)						
M	12	1	8T-4971	16	BOLT (M6X1X30-MM)						
	13	1	9X-8256	60	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



SECTION A-A

GRAPHIC #1

<END>

g01198637

ELECTRICAL AND STARTING SYSTEM

244-9680 BUS BAR AS

S/N: WYB1-UP

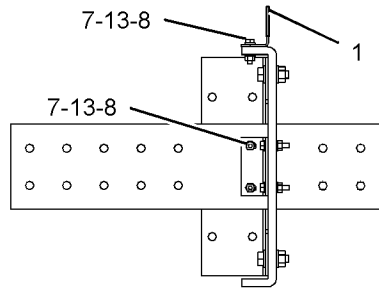
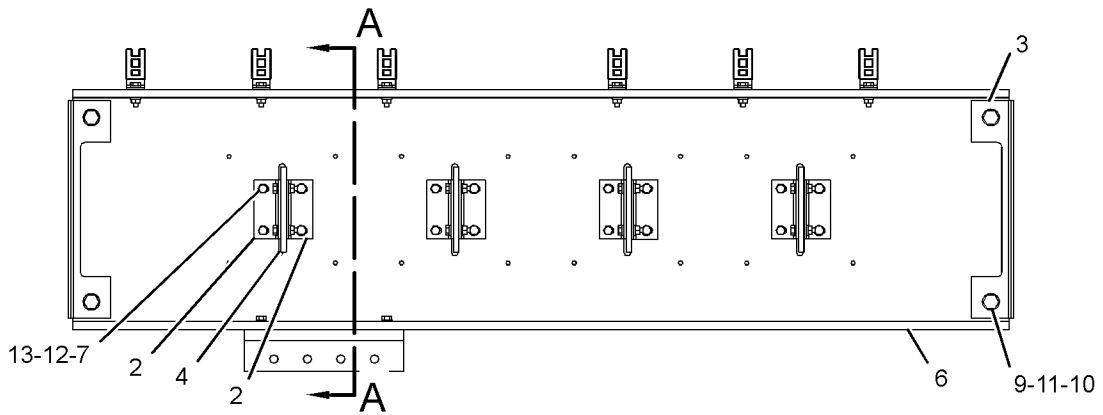
PART OF 245-0093 BUS BAR GP-BOX
AN ATTACHMENT

SMCS-445B

i02416549

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	156-6175	6	CLIP						
	2	1	244-9661	8	BRACKET						
	3	1	244-9662	2	BRACKET						
	4	1	244-9665	4	BAR-BUS (MAIN)						
	6	1	244-9679	1	SUPPORT-BUS						
M	7	1	5C-2890	30	NUT (M6X1-THD)						
M	8	1	6V-7357	14	BOLT (M6X1X25-MM)						
	9	1	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)						
M	10	1	8T-4133	4	NUT (M10X1.5-THD)						
M	11	1	8T-4195	4	BOLT (M10X1.5X30-MM)						
M	12	1	8T-4971	16	BOLT (M6X1X30-MM)						
	13	1	9X-8256	60	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



SECTION A-A

GRAPHIC #1

<END>

g01207832

ELECTRICAL AND STARTING SYSTEM

244-9688 BUS BAR AS

S/N: WYB1-UP

UPPER

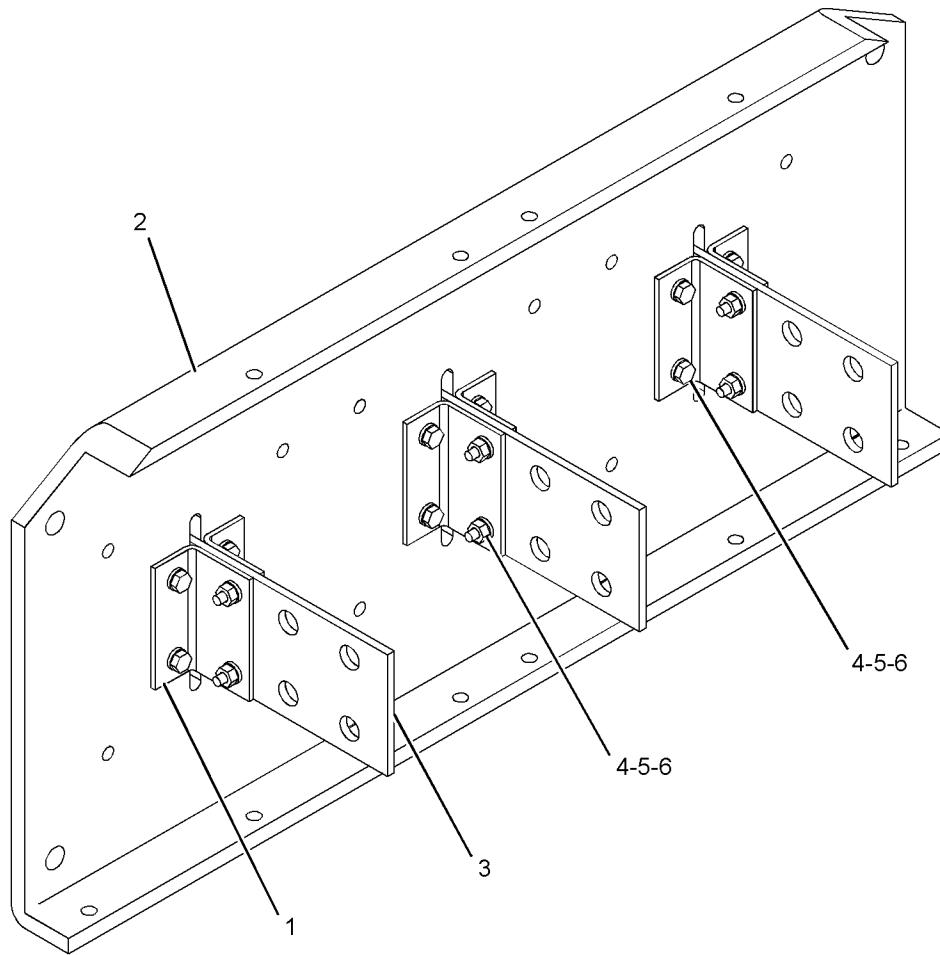
PART OF 252-7412 BUS BAR GP-BOX
AN ATTACHMENT

SMCS-445B

i02416547

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	135-3308	6	BRACKET-MOUNTING						
	2	1	244-9685	1	SUPPORT-BUS						
	3	1	244-9686	3	BAR-BUS (MEDIUM VOLTAGE)						
M	4	1	5C-2890	18	NUT (M6X1-THD)						
M	5	1	6V-7357	18	BOLT (M6X1X25-MM)						
	6	1	9X-8256	36	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01207809

ELECTRICAL AND STARTING SYSTEM

244-9689 BUS BAR AS

S/N: WYB1-UP

UPPER

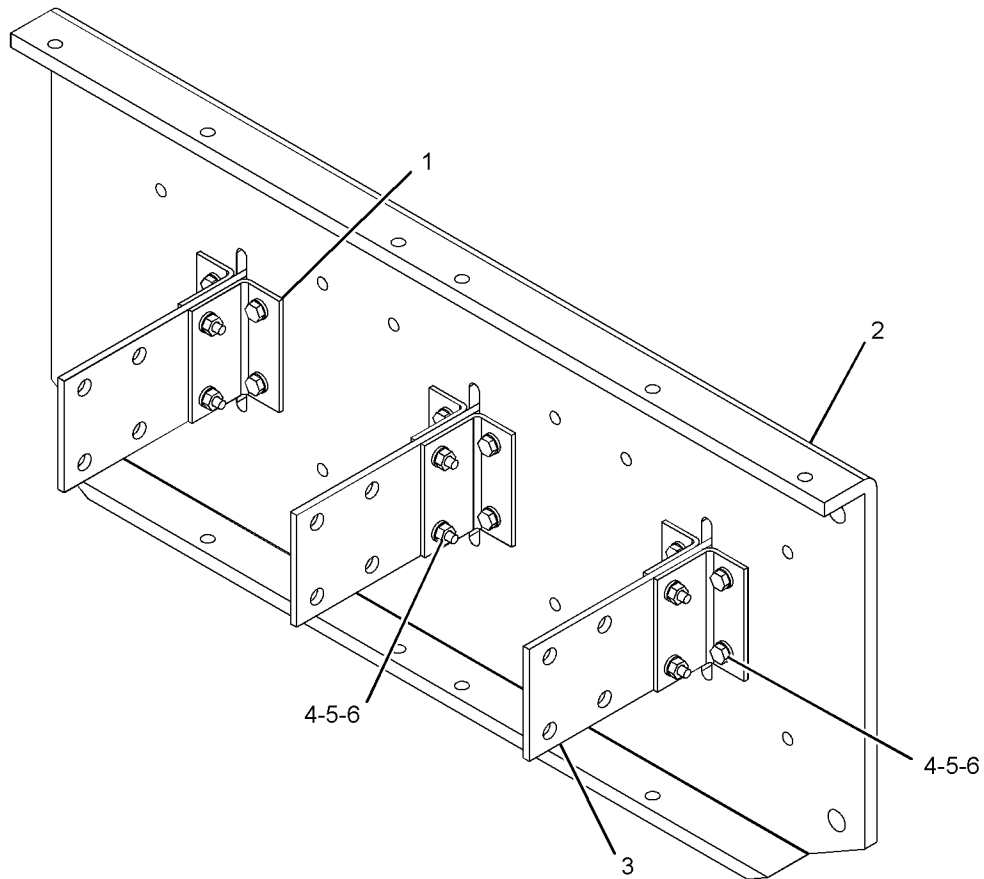
PART OF 252-7413 BUS BAR GP-BOX
AN ATTACHMENT

SMCS-445B

i02416541

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	135-3308	6	BRACKET-MOUNTING						
	2	1	244-9685	1	SUPPORT-BUS						
	3	1	244-9687	3	BAR-BUS (MEDIUM VOLTAGE)						
M	4	1	5C-2890	18	NUT (M6X1-THD)						
M	5	1	6V-7357	18	BOLT (M6X1X25-MM)						
	6	1	9X-8256	36	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01207814

ELECTRICAL AND STARTING SYSTEM

244-9690 BUS BAR AS

S/N: WYB1-UP

LOWER

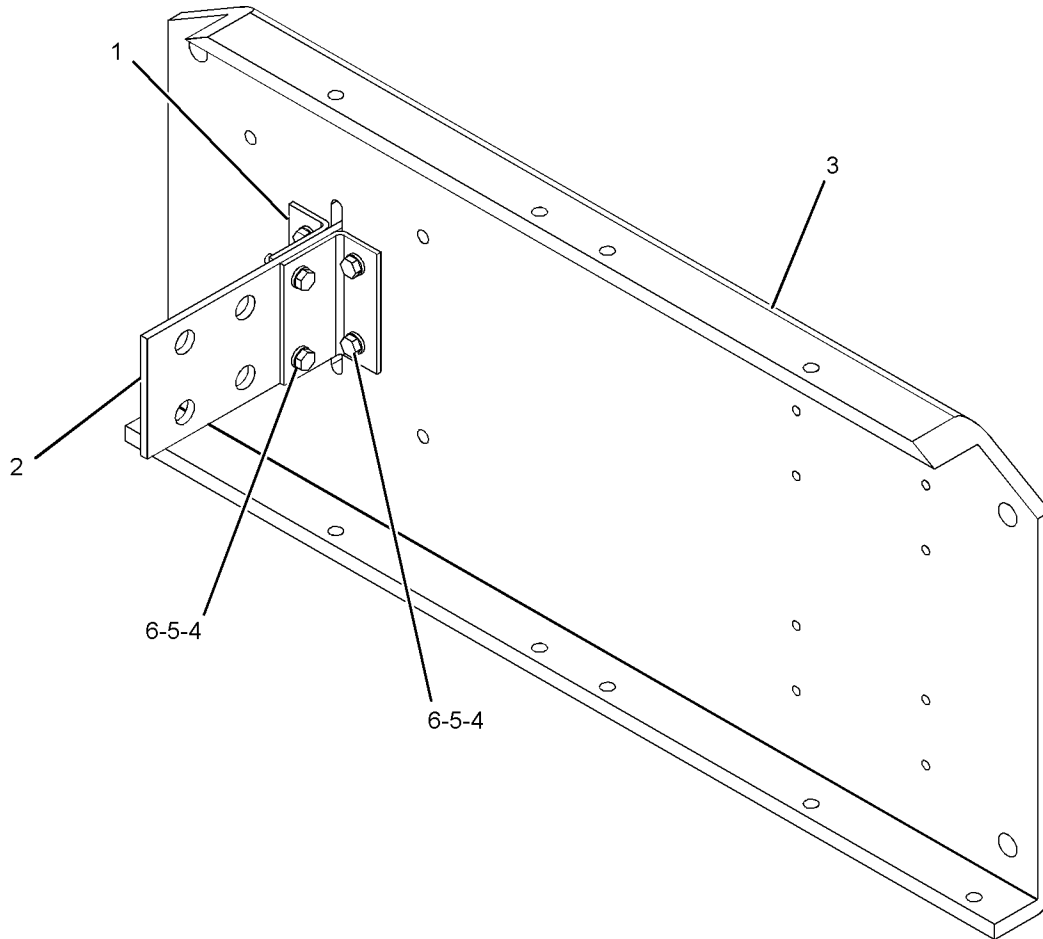
PART OF 252-7412 BUS BAR GP-BOX
AN ATTACHMENT

SMCS-445B

i02416542

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	135-3308	2	BRACKET-MOUNTING						
	2	1	244-9686	1	BAR-BUS (MEDIUM VOLTAGE)						
	3	1	244-9694	1	SUPPORT-BUS						
M	4	1	5C-2890	6	NUT (M6X1-THD)						
M	5	1	6V-7357	6	BOLT (M6X1X25-MM)						
	6	1	9X-8256	12	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01207821

ELECTRICAL AND STARTING SYSTEM

244-9691 BUS BAR AS

S/N: WYB1-UP

LOWER

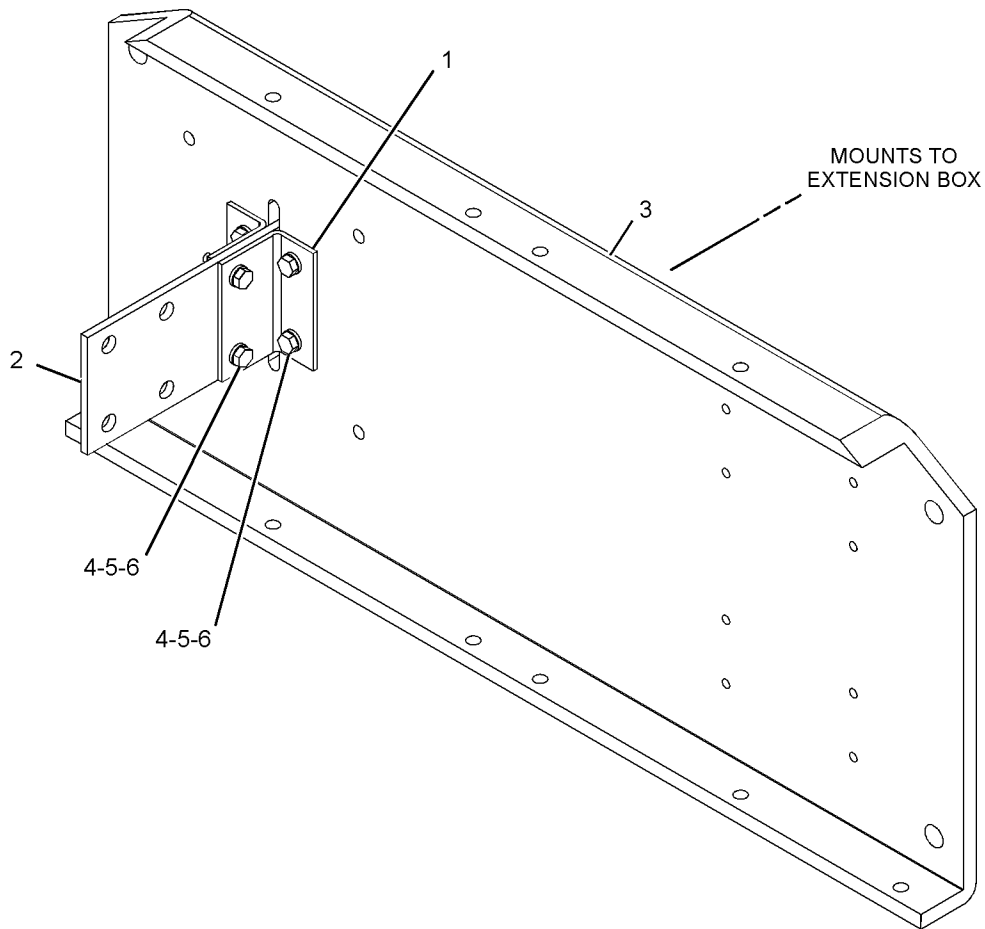
PART OF 252-7413 BUS BAR GP-BOX
AN ATTACHMENT

SMCS-445B

i02416548

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	135-3308	2	BRACKET-MOUNTING						
	2	1	244-9687	1	BAR-BUS (MEDIUM VOLTAGE)						
	3	1	244-9694	1	SUPPORT-BUS (INSULATOR)						
M	4	1	5C-2890	6	NUT (M6X1-THD)						
M	5	1	6V-7357	6	BOLT (M6X1X25-MM)						
	6	1	9X-8256	12	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01207823

ELECTRICAL AND STARTING SYSTEM

245-0079 BUS BAR AS

S/N: WYB1-UP

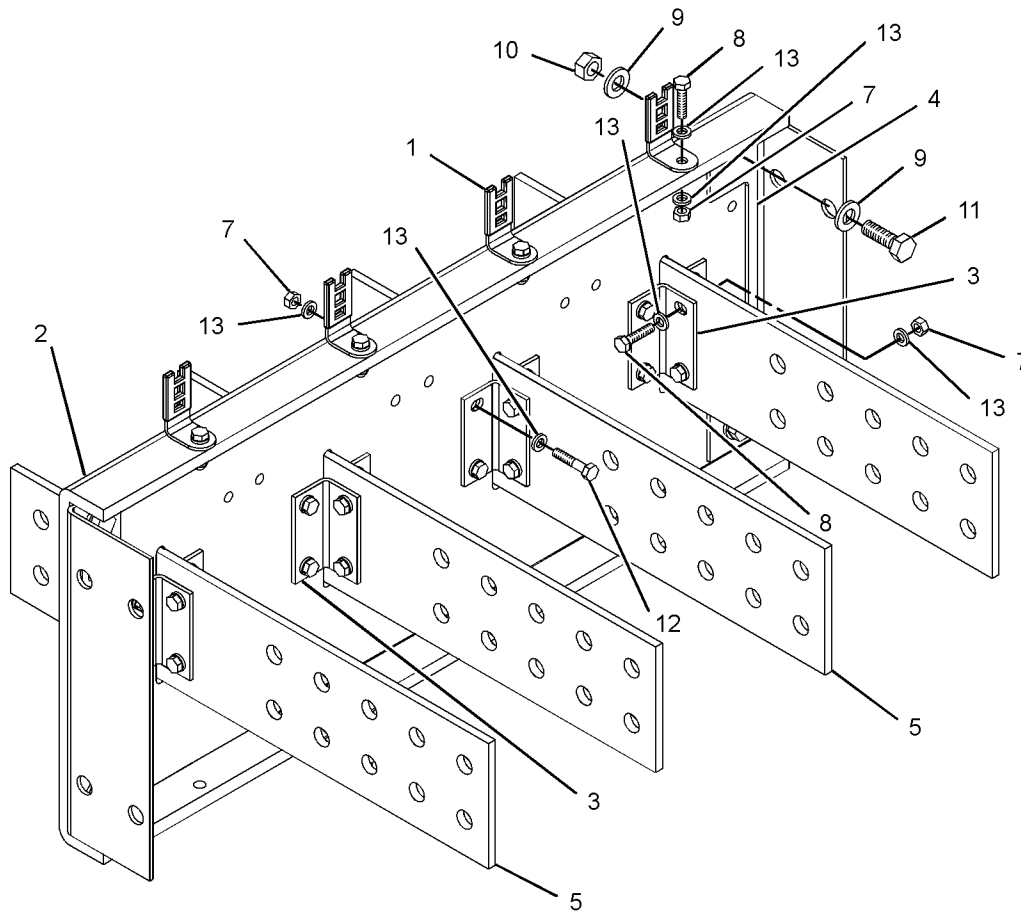
PART OF 252-7343 BUS BAR GP-BOX
AN ATTACHMENT

SMCS-445B

i02360606

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	156-6175	4	CLIP						
	2	1	244-9660	1	SUPPORT-BUS						
	3	1	244-9661	8	BRACKET						
	4	1	244-9662	2	BRACKET						
	5	1	244-9665	4	BAR-BUS (MAIN)						
M	7	1	5C-2890	28	NUT (M6X1-THD)						
M	8	1	6V-7357	12	BOLT (M6X1X25-MM)						
	9	1	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)						
M	10	1	8T-4133	4	NUT (M10X1.5-THD)						
M	11	1	8T-4195	4	BOLT (M10X1.5X30-MM)						
M	12	1	8T-4971	16	BOLT (M6X1X30-MM)						
	13	1	9X-8256	56	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01180488

ELECTRICAL AND STARTING SYSTEM

252-7471 BUS BAR AS-EXTENSION BOX

S/N: WYB1-UP

GROUND

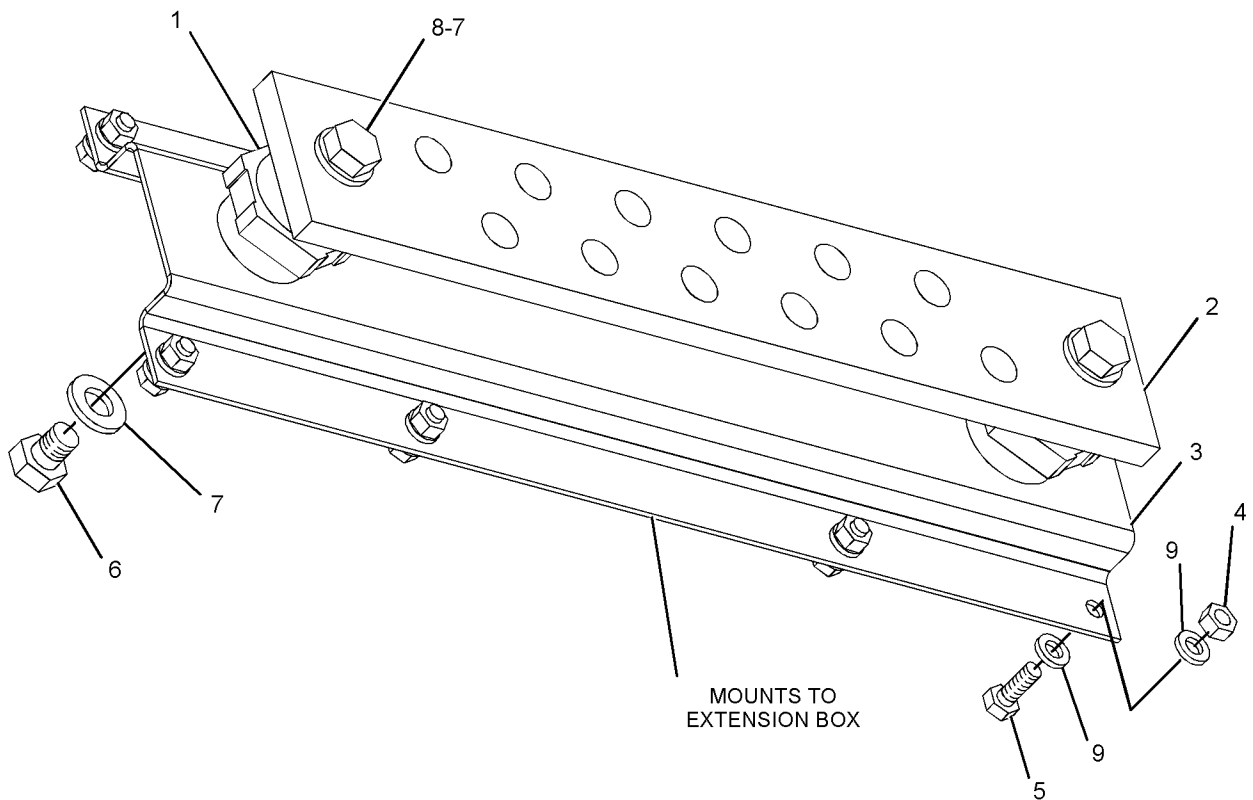
PART OF 245-0002, 245-0003 BOX GP-EXTENSION TERMINAL
AN ATTACHMENT

SMCS-445B

i02348635

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	143-4456	2	INSULATOR						
	2	1	244-9675	1	BAR-BUS (GROUND)						
	3	1	244-9693	1	BRACKET						
M	4	1	5C-2890	8	NUT (M6X1-THD)						
M	5	1	5C-9553	8	BOLT (M6X1X16-MM)						
M	6	1	8T-4199	2	BOLT (M8X1.25X12-MM)						
	7	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	8	1	8T-4198	2	BOLT (M10X1.5X100-MM)						
	9	1	9X-8256	16	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01186307

ELECTRICAL AND STARTING SYSTEM

278-7694 BUS BAR GP-GENERATOR BRACKET

S/N: G2E1-UP; G2F1-UP; G2G1-UP

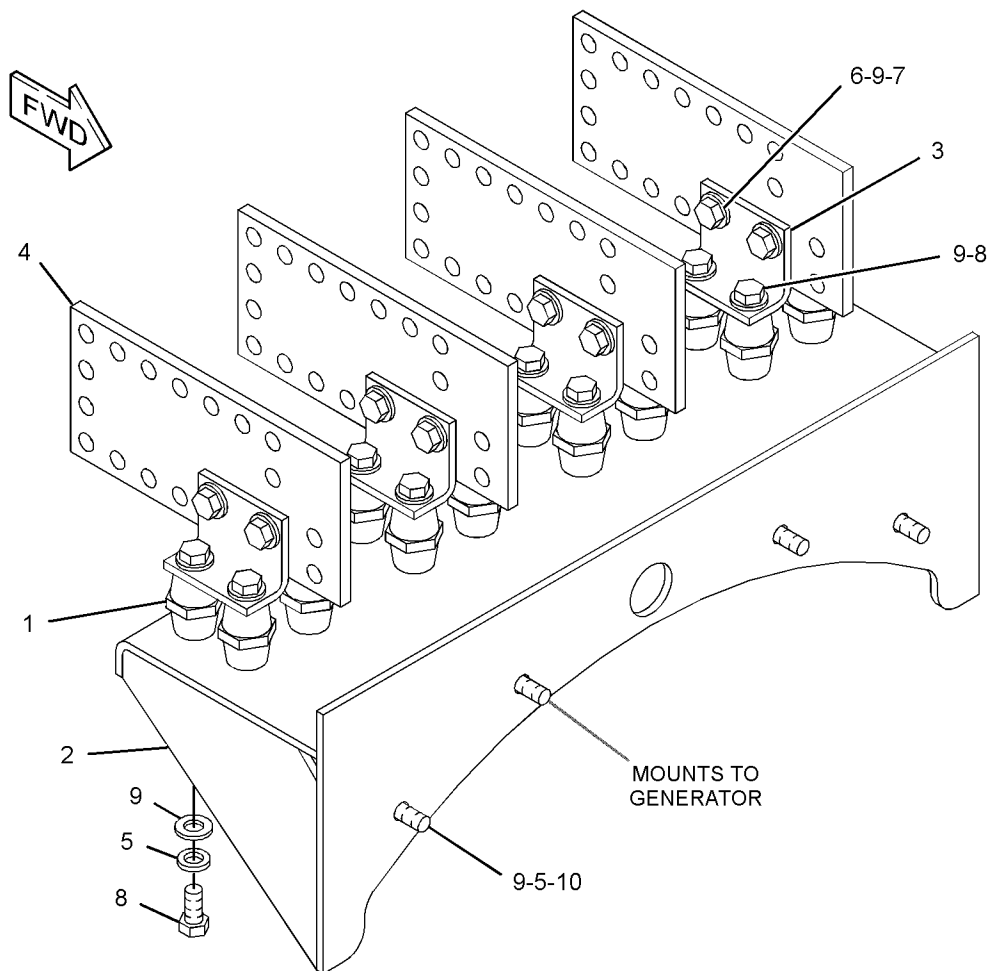
FOR USE WITH SR5, 1800-FRAME, WITH EXTENSION BOX
AN ATTACHMENT

SMCS-445B

i02392764

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	253-9928	16	INSULATOR						
	2	1	278-9001	1	BRACKET AS						
	3	1	279-0828	8	BRACKET						
	4	1	279-0829	4	BAR - BUS						
	5	1	3B-4508	20	LOCKWASHER						
M	6	1	6V-7687	8	LOCKNUT (M12X1.75-THD)						
M	7	1	8T-4184	8	BOLT (M12X1.75X45-MM)						
M	8	1	8T-4192	32	BOLT (M12X1.75X25-MM)						
	9	1	8T-4223	52	WASHER-HARD (13.5X25.5X3-MM THK)						
M	10	1	8T-4956	4	BOLT (M12X1.75X35-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01198703

ELECTRICAL AND STARTING SYSTEM

279-2281 BUS BAR GP-GENERATOR BRACKET, NEMA

S/N: G2E1-UP; G2F1-UP

FOR USE WITH SR5, WITHOUT EXTENSION BOX
AN ATTACHMENT

SMCS-445B

i02392930

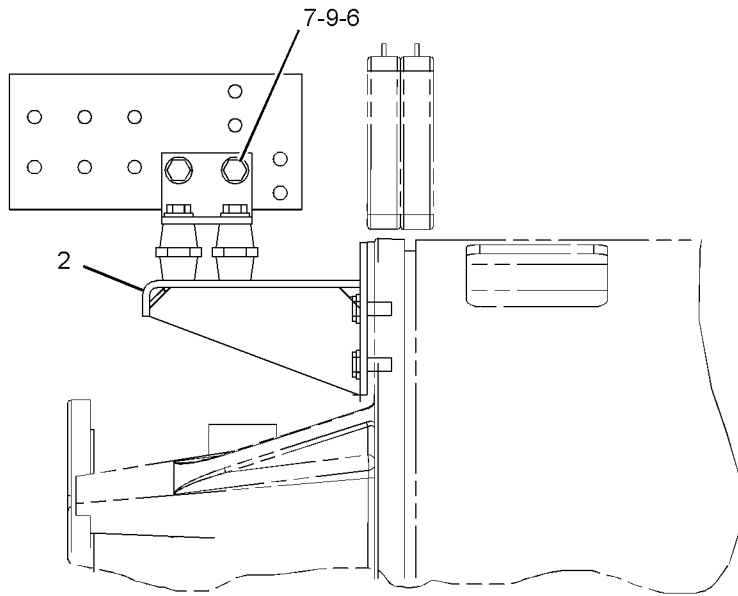
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	253-9928	16	INSULATOR						
	2	1	279-0490	1	BRACKET AS						
	3	1	279-0828	8	BRACKET						
	4	1	279-3636	4	BAR-BUS						
	5	1	3B-4508	20	LOCKWASHER						
M	6	1	6V-7687	8	LOCKNUT (M12X1.75-THD)						
M	7	1	8T-4184	8	BOLT (M12X1.75X45-MM)						
M	8	1	8T-4192	32	BOLT (M12X1.75X25-MM)						
	9	1	8T-4223	52	WASHER-HARD (13.5X25.5X3-MM THK)						
M	10	1	8T-4956	4	BOLT (M12X1.75X35-MM)						

M-METRIC PART

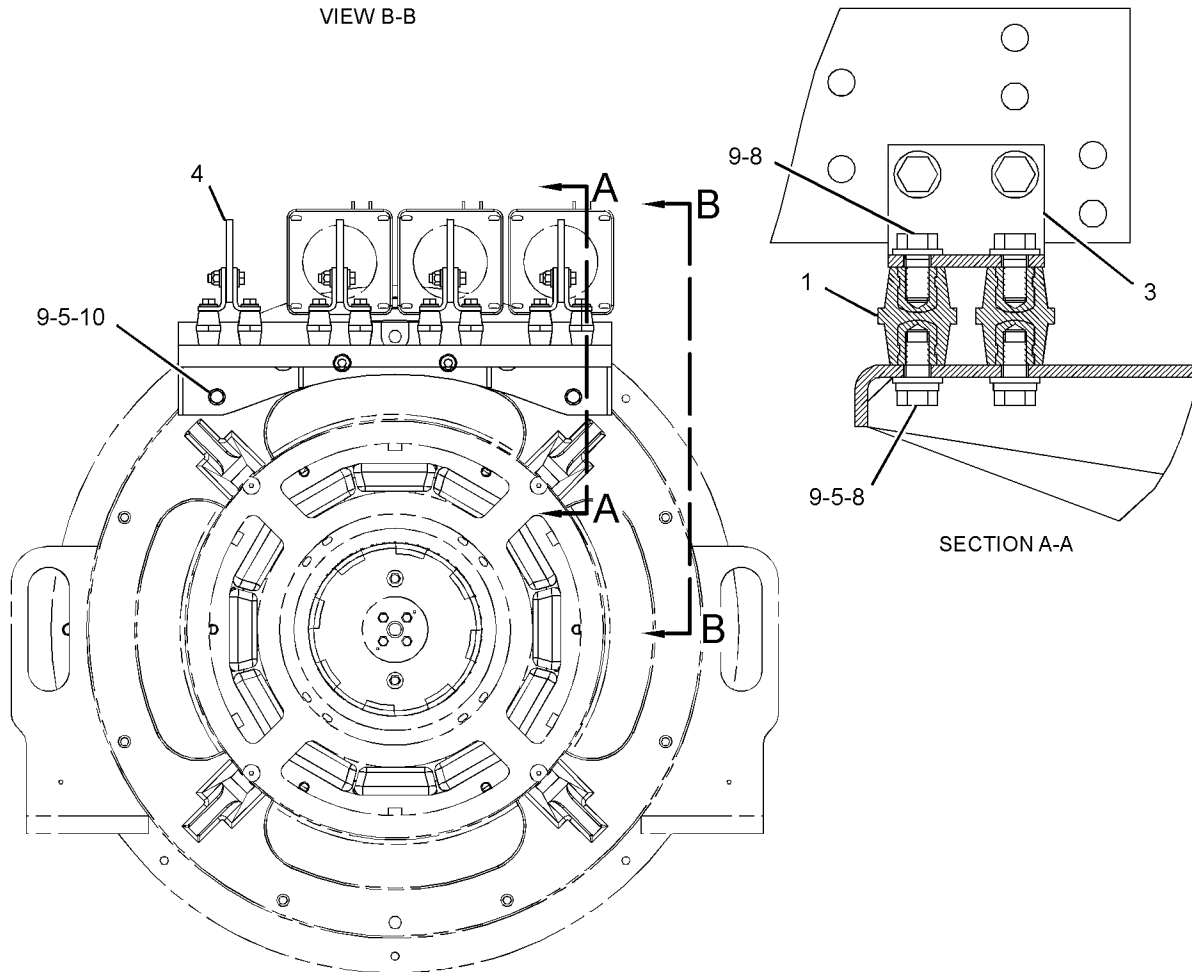
ELECTRICAL AND STARTING SYSTEM

279-2281 BUS BAR GP (contd.)

i02392930



VIEW B-B



SECTION A-A

GRAPHIC #1

<END>

g01199042

ELECTRICAL AND STARTING SYSTEM

279-2282 BUS BAR GP-GENERATOR BRACKET, NEMA FOR USE WITH SR5, WITHOUT EXTENSION BOX AN ATTACHMENT

SMCS-445B

i02392939

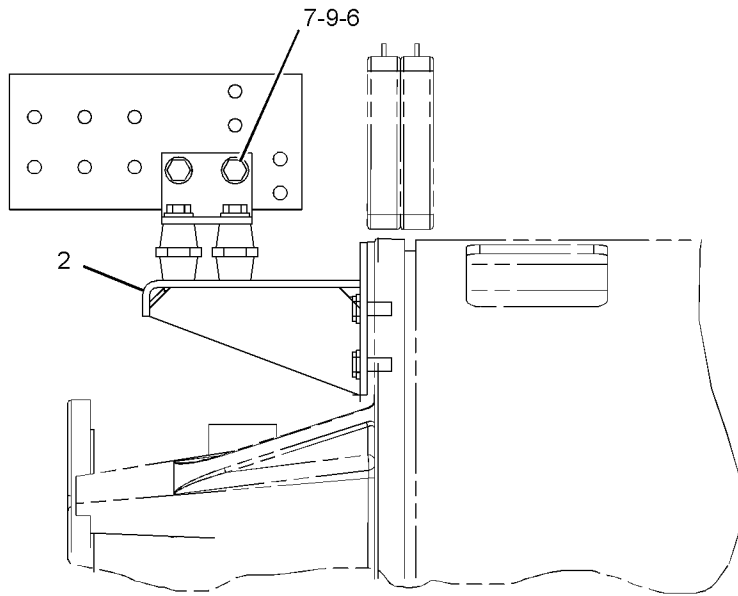
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	253-9928	16	INSULATOR						
	2	1	278-9001	1	BRACKET AS						
	3	1	279-0828	8	BRACKET						
	4	1	279-3636	4	BAR-BUS						
	5	1	3B-4508	20	LOCKWASHER						
M	6	1	6V-7687	8	LOCKNUT (M12X1.75-THD)						
M	7	1	8T-4184	8	BOLT (M12X1.75X45-MM)						
M	8	1	8T-4192	32	BOLT (M12X1.75X25-MM)						
	9	1	8T-4223	52	WASHER-HARD (13.5X25.5X3-MM THK)						
M	10	1	8T-4956	4	BOLT (M12X1.75X35-MM)						

M-METRIC PART

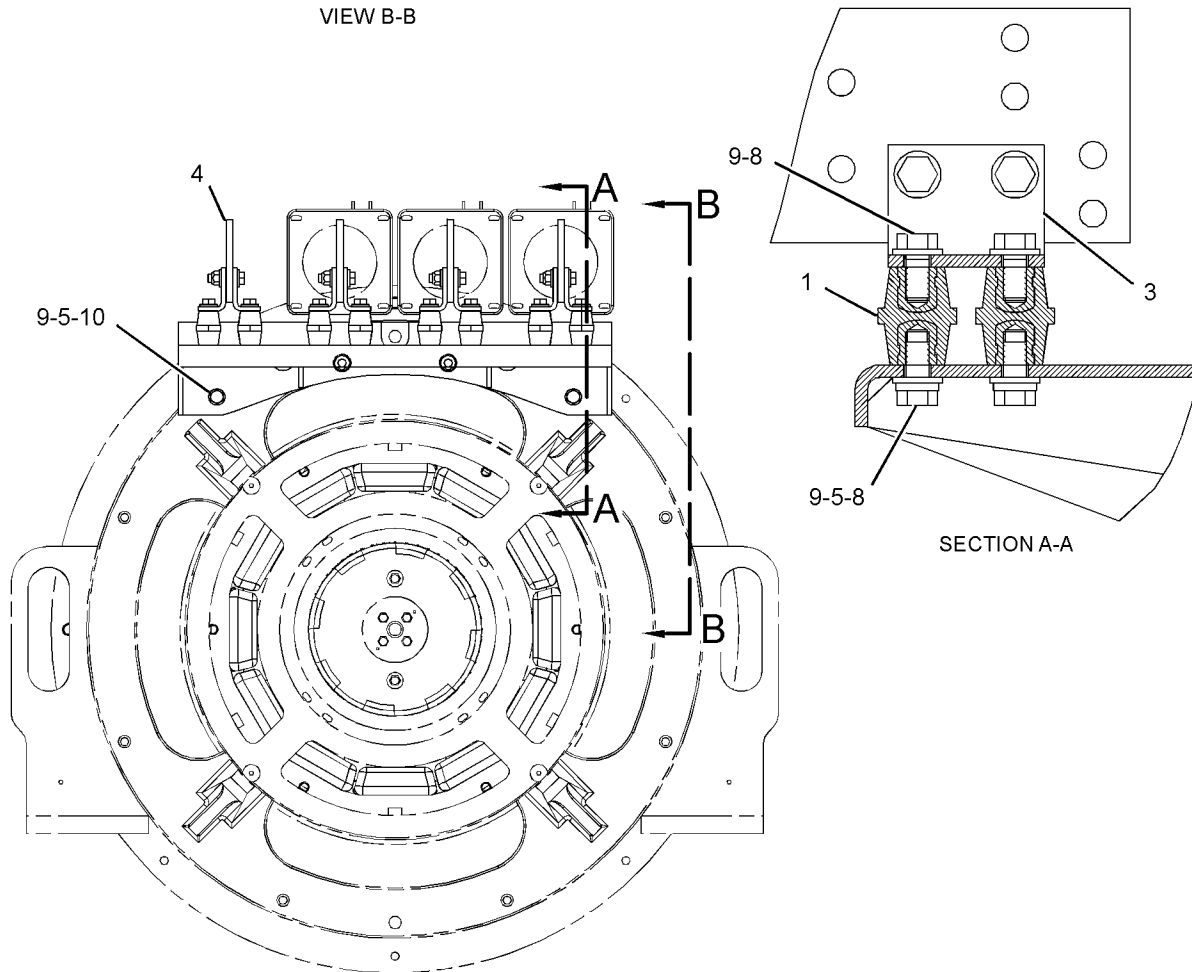
ELECTRICAL AND STARTING SYSTEM

279-2282 BUS BAR GP (contd.)

i02392939



VIEW B-B



SECTION A-A

GRAPHIC #1

<END>

g01199075

ELECTRICAL AND STARTING SYSTEM

282-4040 BUS BAR GP-GENERATOR BRACKET, IEC

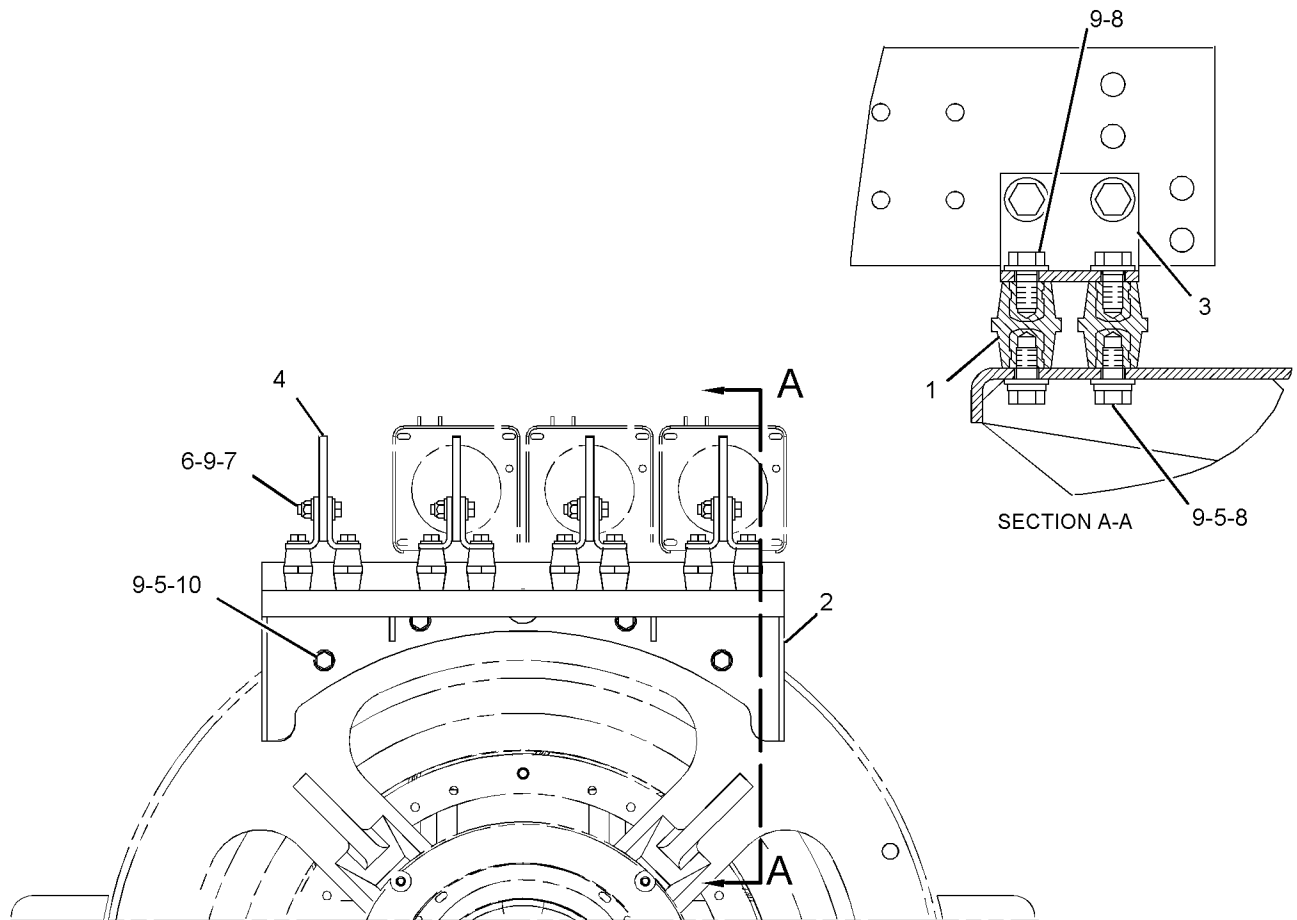
S/N: G2E1-UP; G2F1-UP; G2G1-UP
 FOR USE WITH SR5, 1800-FRAME, WITHOUT EXTENSION BOX
 AN ATTACHMENT

SMCS-445B

i02407121

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	253-9928	16	INSULATOR						
	2	1	278-9001	1	BRACKET AS						
	3	1	279-0828	8	BRACKET						
	4	1	282-4037	4	BAR - BUS						
	5	1	3B-4508	20	LOCKWASHER						
M	6	1	6V-7687	8	LOCKNUT (M12X1.75-THD)						
M	7	1	8T-4184	8	BOLT (M12X1.75X45-MM)						
M	8	1	8T-4192	32	BOLT (M12X1.75X25-MM)						
	9	1	8T-4223	52	WASHER-HARD (13.5X25.5X3-MM THK)						
M	10	1	8T-4956	4	BOLT (M12X1.75X35-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01203544

ELECTRICAL AND STARTING SYSTEM

245-0093 BUS BAR GP-BOX-REAR EXTENSION, NEMA

S/N: WYB1-UP

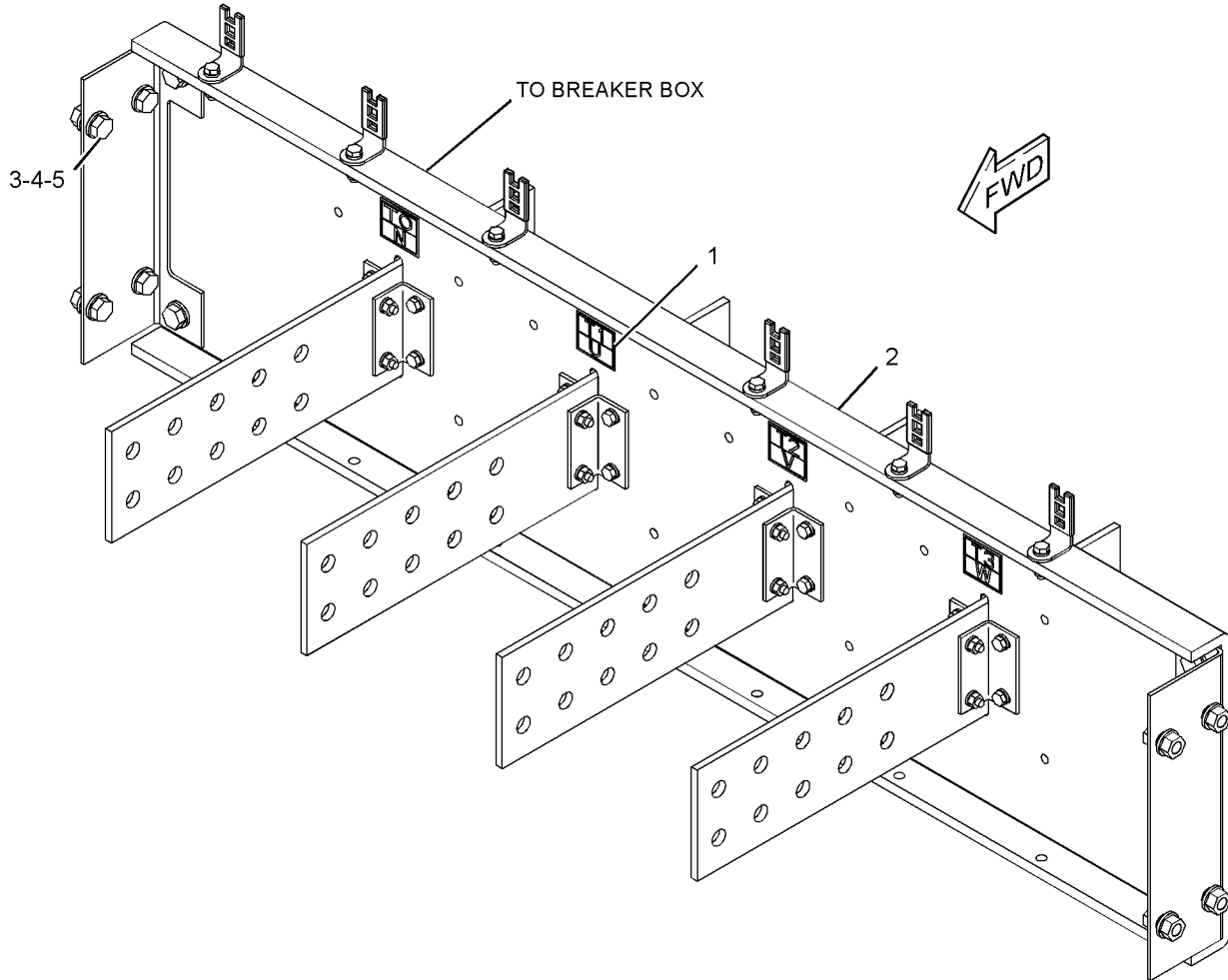
FOR USE WITH SR4B, LOW VOLTAGE
AN ATTACHMENT

SMCS-445B

i02376960

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9Y-4275	1	FILM (TERMINAL STRIP)						
Y	2	1	244-9680	1	BUS BAR AS						303
	3	1	8T-4121	16	WASHER-HARD (11X21X2.5-MM THK)						
M	4	1	8T-4133	8	NUT (M10X1.5-THD)						
M	5	1	8T-4137	8	BOLT (M10X1.5X20-MM)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01201297

ELECTRICAL AND STARTING SYSTEM

245-0094 BUS BAR GP-BOX-REAR EXTENSION, IEC

S/N: WYB1-UP

FOR USE WITH SR4B, LOW VOLTAGE
AN ATTACHMENT

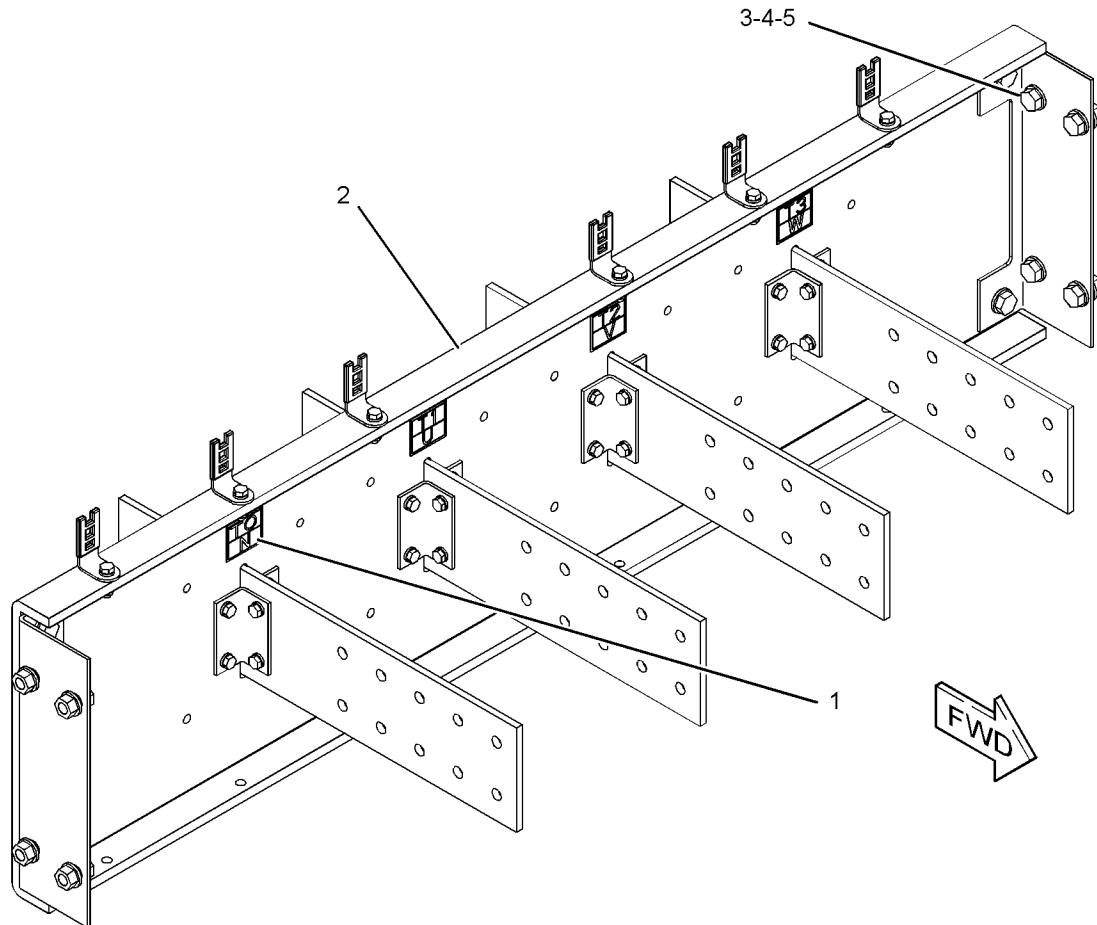
SMCS-445B

i02378006

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9Y-4275	1	FILM (TERMINAL STRIP)						
Y	2	1	244-9678	1	BUS BAR AS						302
	3	1	8T-4121	16	WASHER-HARD (11X21X2.5-MM THK)						
M	4	1	8T-4133	8	NUT (M10X1.5-THD)						
M	5	1	8T-4137	8	BOLT (M10X1.5X20-MM)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01201811

ELECTRICAL AND STARTING SYSTEM

252-7343 BUS BAR GP-BOX-SIDE EXTENSION, NEMA

S/N: WYB1-UP

FOR USE WITH SR4B, LOW VOLTAGE
AN ATTACHMENT

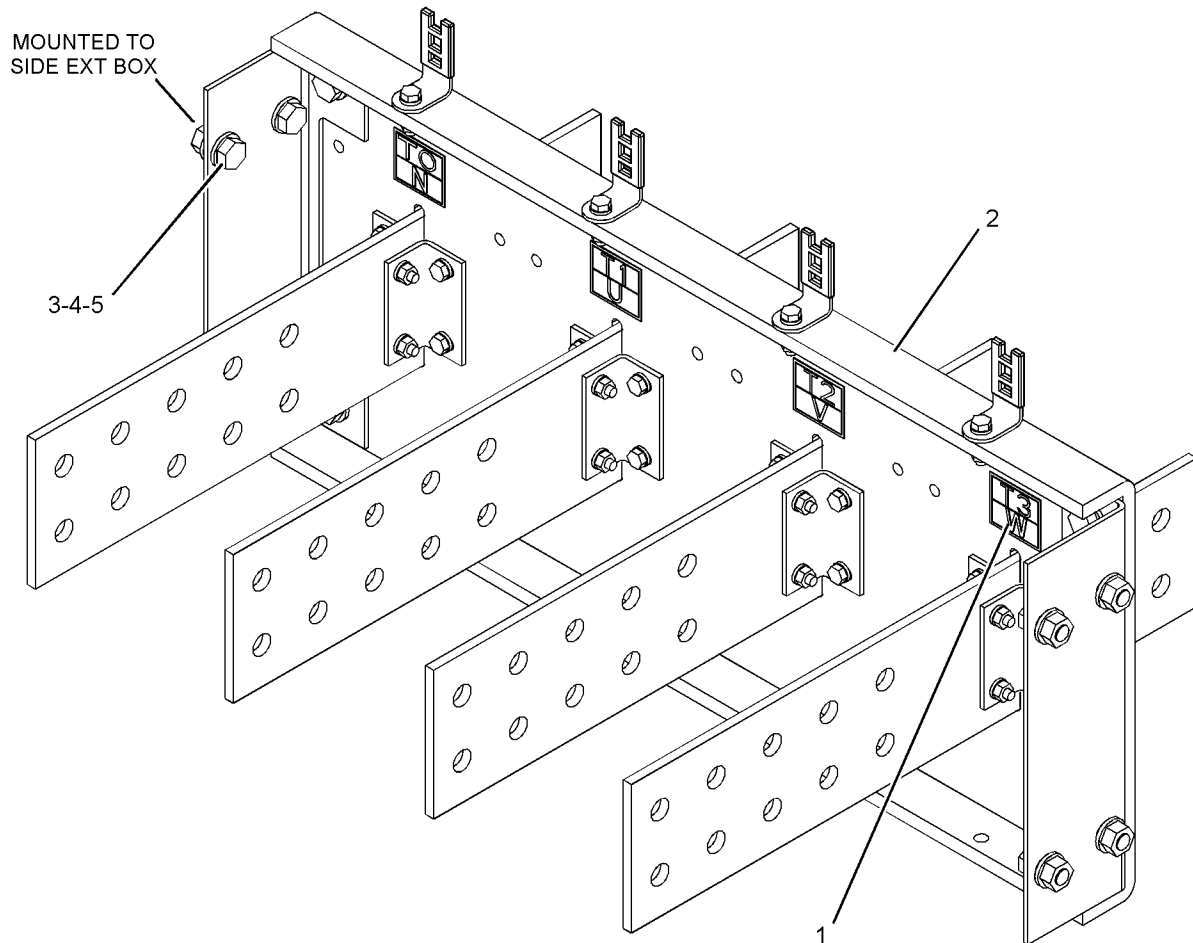
SMCS-445B

i02399654

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9Y-4275	1	FILM (TERMINAL STRIP)						
Y	2	1	245-0079	1	BUS BAR AS						308
	3	1	8T-4121	16	WASHER-HARD (11X21X2.5-MM THK)						
M	4	1	8T-4133	8	NUT (M10X1.5-THD)						
M	5	1	8T-4137	8	BOLT (M10X1.5X20-MM)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01199256

ELECTRICAL AND STARTING SYSTEM

252-7344 BUS BAR GP-BOX-SIDE EXTENSION, IEC

S/N: WYB1-UP

FOR USE WITH SR4B, LOW VOLTAGE
AN ATTACHMENT

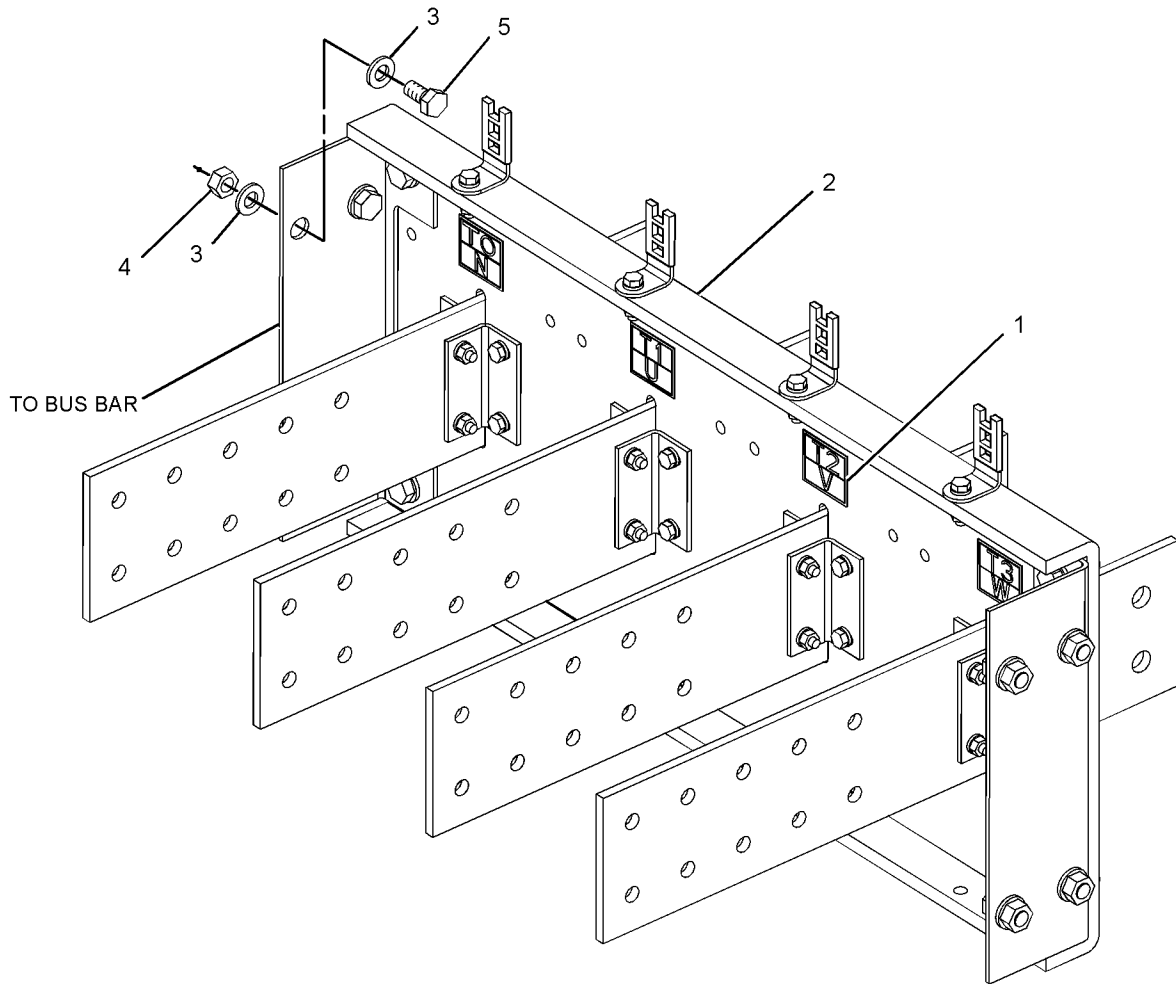
SMCS-445B

i02377056

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9Y-4275	1	FILM (TERMINAL STRIP)						
Y	2	1	244-9677	1	BUS BAR AS						301
	3	1	8T-4121	16	WASHER-HARD (11X21X2.5-MM THK)						
M	4	1	8T-4133	8	NUT (M10X1.5-THD)						
M	5	1	8T-4137	8	BOLT (M10X1.5X20-MM)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01204122

ELECTRICAL AND STARTING SYSTEM

252-7412 BUS BAR GP-BOX-SIDE EXTENSION, NEMA

S/N: WYB1-UP

FOR USE WITH SR4B, MEDIUM VOLTAGE
AN ATTACHMENT

SMCS-445B

i02386535

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9Y-4275	1	FILM (TERMINAL STRIP)						
	2	1	132-5789	6	CLIP						
	3	1	156-6175	4	CLIP						
	4	1	244-9683	1	BRACKET (RH)						
	5	1	244-9684	1	BRACKET (LH)						
Y	6	1	244-9688	1	BUS BAR AS (UPPER)						304
Y	7	1	244-9690	1	BUS BAR AS (LOWER)						306
M	8	1	5C-2890	4	NUT (M6X1-THD)						
M	9	1	6V-7357	4	BOLT (M6X1X25-MM)						
	10	1	8T-4121	32	WASHER-HARD (11X21X2.5-MM THK)						
M	11	1	8T-4133	16	NUT (M10X1.5-THD)						
M	12	1	8T-4137	8	BOLT (M10X1.5X20-MM)						
M	13	1	8T-4195	8	BOLT (M10X1.5X30-MM)						
	14	1	9X-8256	8	WASHER (6.6X12X2-MM THK)						

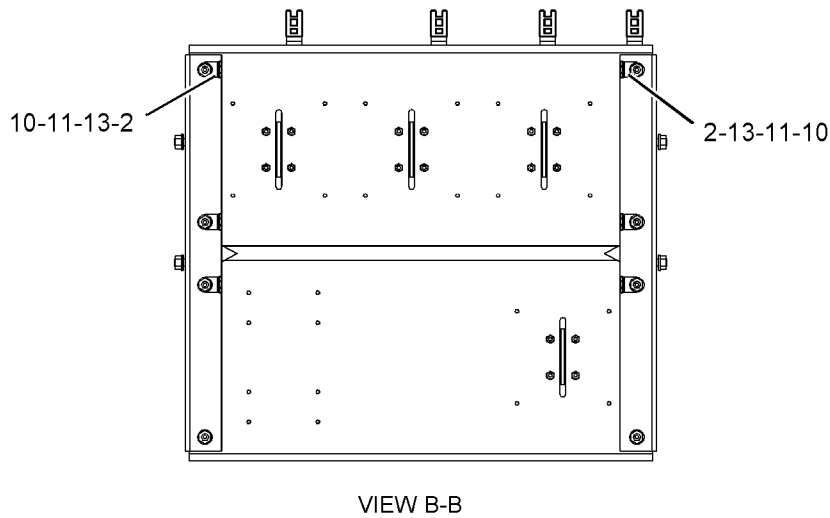
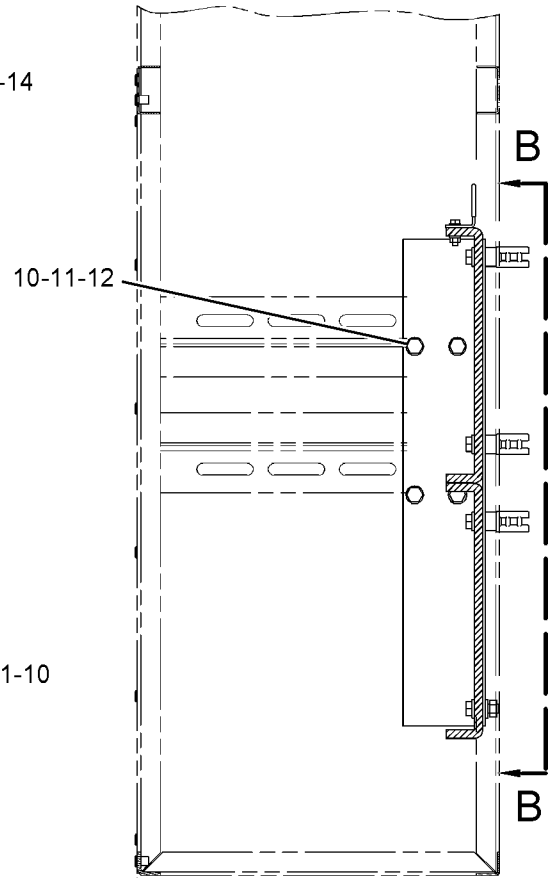
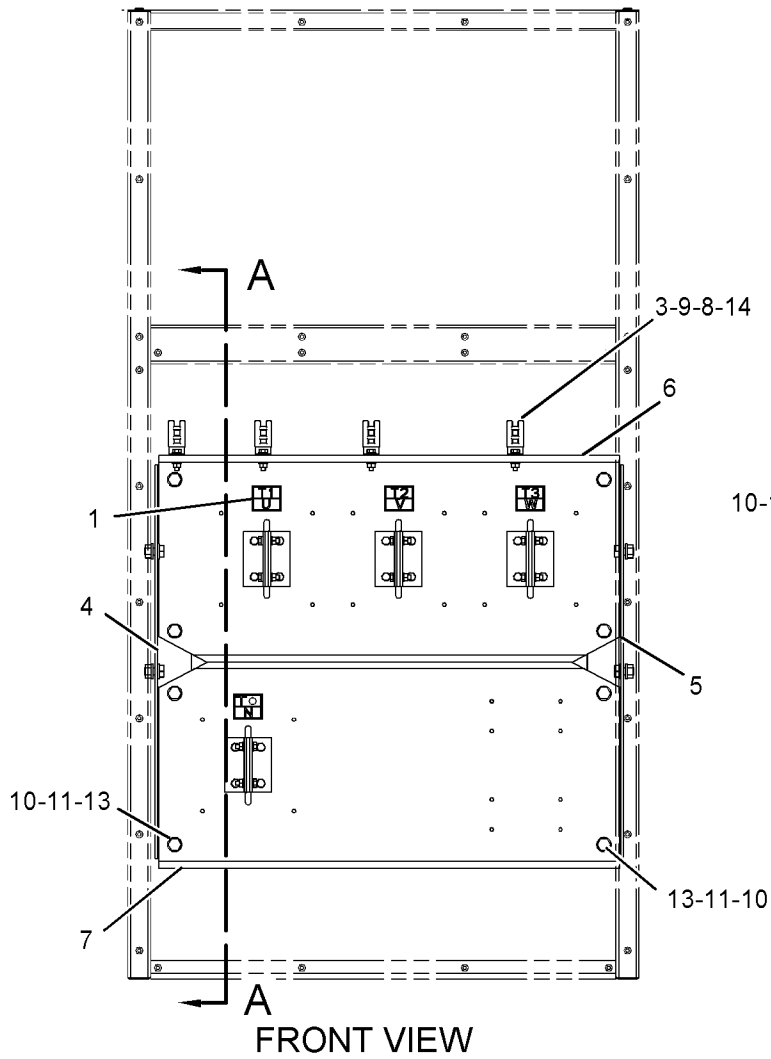
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

252-7412 BUS BAR GP-BOX (contd.)

i02386535



GRAPHIC #1

<END>

g01199149

ELECTRICAL AND STARTING SYSTEM

252-7413 BUS BAR GP-BOX-SIDE EXTENSION, IEC

S/N: WYB1-UP

FOR USE WITH SR4B, MEDIUM VOLTAGE
AN ATTACHMENT

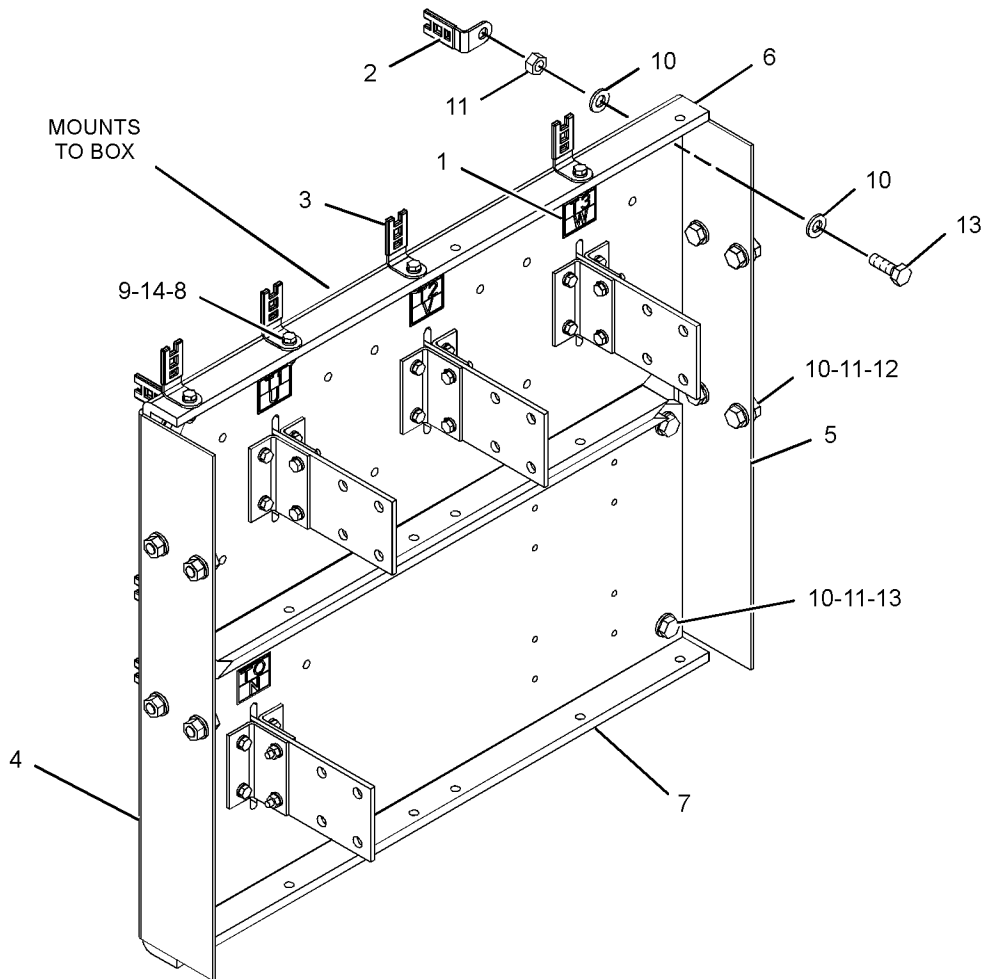
SMCS-445B

i02378040

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9Y-4275	1	FILM (TERMINAL STRIP)						
	2	1	132-5789	6	CLIP						
	3	1	156-6175	4	CLIP						
	4	1	244-9683	1	BRACKET						
	5	1	244-9684	1	BRACKET						
Y	6	1	244-9689	1	BUS BAR AS						305
Y	7	1	244-9691	1	BUS BAR AS						307
M	8	1	5C-2890	4	NUT (M6X1-THD)						
M	9	1	6V-7357	4	BOLT (M6X1X25-MM)						
	10	1	8T-4121	32	WASHER-HARD (11X21X2.5-MM THK)						
M	11	1	8T-4133	16	NUT (M10X1.5-THD)						
M	12	1	8T-4137	8	BOLT (M10X1.5X20-MM)						
M	13	1	8T-4195	8	BOLT (M10X1.5X30-MM)						
	14	1	9X-8256	8	WASHER (6.6X12X2-MM THK)						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01203908

ELECTRICAL AND STARTING SYSTEM

259-9112 CABLE GP-BATTERY

S/N: WYB1-UP

FOR USE WITH 4-BATTERIES
AN ATTACHMENT

SMCS-1402

i02502948

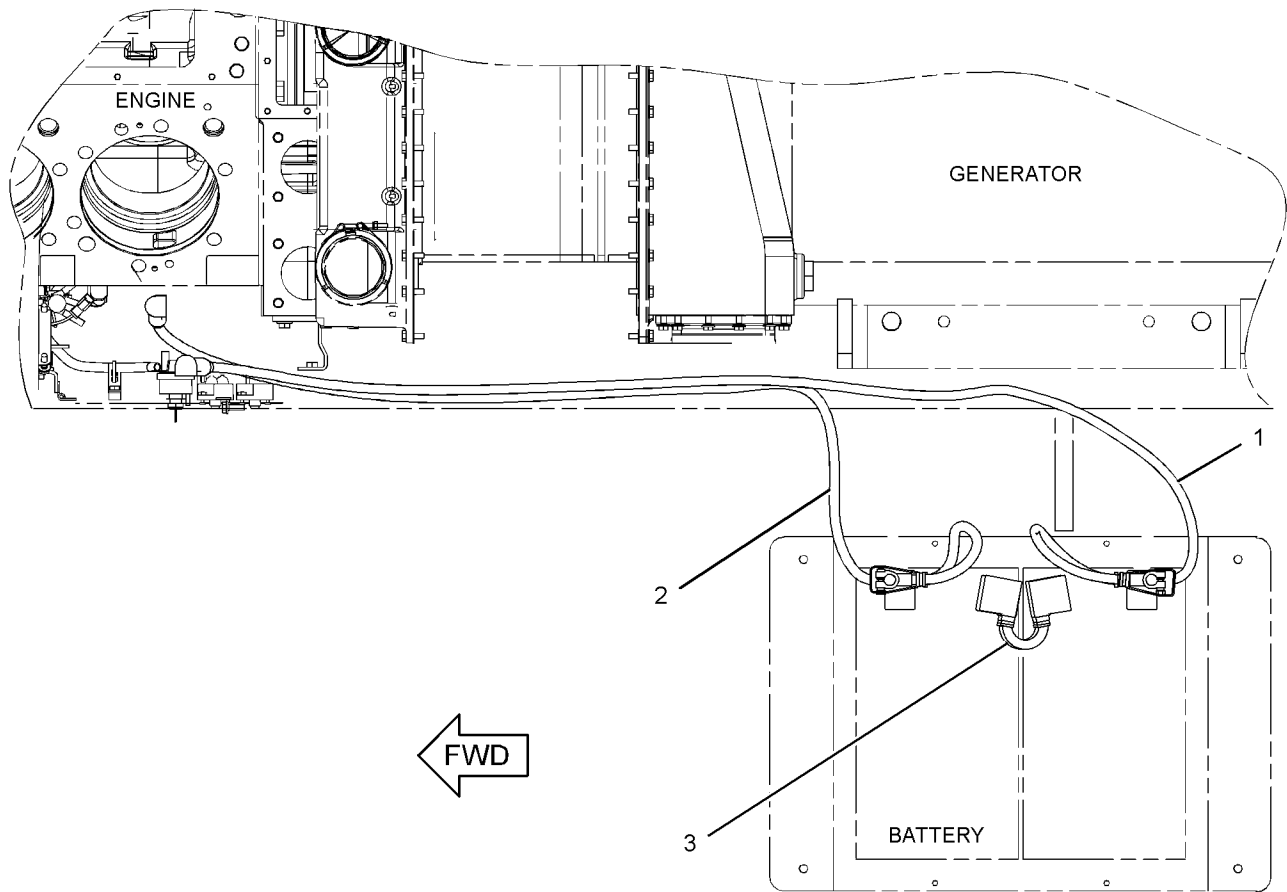
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	118-1277	2	CABLE AS						
					(EACH INCLUDES)						
E			5P-0761		CABLE (00-GA, RED) (20-CM)						
			9G-0003	1	COVER-TERMINAL (BLACK)						
			9G-0004	1	COVER-TERMINAL (RED)						
			9W-3416	1	TERMINAL AS (POSITIVE)						
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)						
		1	1M-6120	1	NUT (5/16-18-THD)						
			9W-3723	1	TERMINAL AS (NEGATIVE)						
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)						
		1	1M-6120	1	NUT (5/16-18-THD)						
	2	1	282-9081	1	CABLE AS-BATTERY (POSITIVE)						
E		1	8T-5357		CABLE (00-GA, RED) (228-CM)						
		1	7T-4924	1	COVER-TERMINAL (RED)						
		1	7T-9987	1	COVER-TERMINAL (RED)						
		1	9G-8909	1	COVER-TERMINAL (BLACK)						
		1	5P-2600	1	RING-TERMINAL (FOR 1/2-IN BOLT)						
		1	8C-4281	1	TERMINAL AS						
		1	1M-6119		BOLT (5/16-18X1.375-IN)						
		1	1M-6120		NUT (5/16-18-THD)						
		1	235-1298	1	TERMINAL AS						
		1	1M-6119		BOLT (5/16-18X1.375-IN)						
		1	1M-6120		NUT (5/16-18-THD)						
	3	1	282-9082	1	CABLE AS-BATTERY (NEGATIVE)						
E		1	5P-0744		CABLE (00-GA, BLACK) (280-CM)						
		1	7T-4925	1	COVER-TERMINAL (BLACK)						
		1	7T-9988	1	COVER-TERMINAL (BLACK)						
		1	9G-8909	1	COVER-TERMINAL (BLACK)						
		1	5P-2600	1	RING-TERMINAL (FOR 1/2-IN BOLT)						
		1	8C-4282	1	TERMINAL AS						
		1	1M-6119		BOLT (5/16-18X1.375-IN)						
		1	1M-6120		NUT (5/16-18-THD)						
		1	235-1300	1	TERMINAL AS-BATTERY						
		1	1M-6119		BOLT (5/16-18X1.375-IN)						
		1	1M-6120		NUT (5/16-18-THD)						

E-ORDER BY THE CENTIMETER

ELECTRICAL AND STARTING SYSTEM

259-9112 CABLE GP-BATTERY (contd.)

i02502948



TOP VIEW

<END>

GRAPHIC #1

g01240319

ELECTRICAL AND STARTING SYSTEM

271-6413 CABLE GP-BATTERY

S/N: WYB1-UP

FOR USE WITH 6-BATTERIES
AN ATTACHMENT

SMCS-1402

i02479801

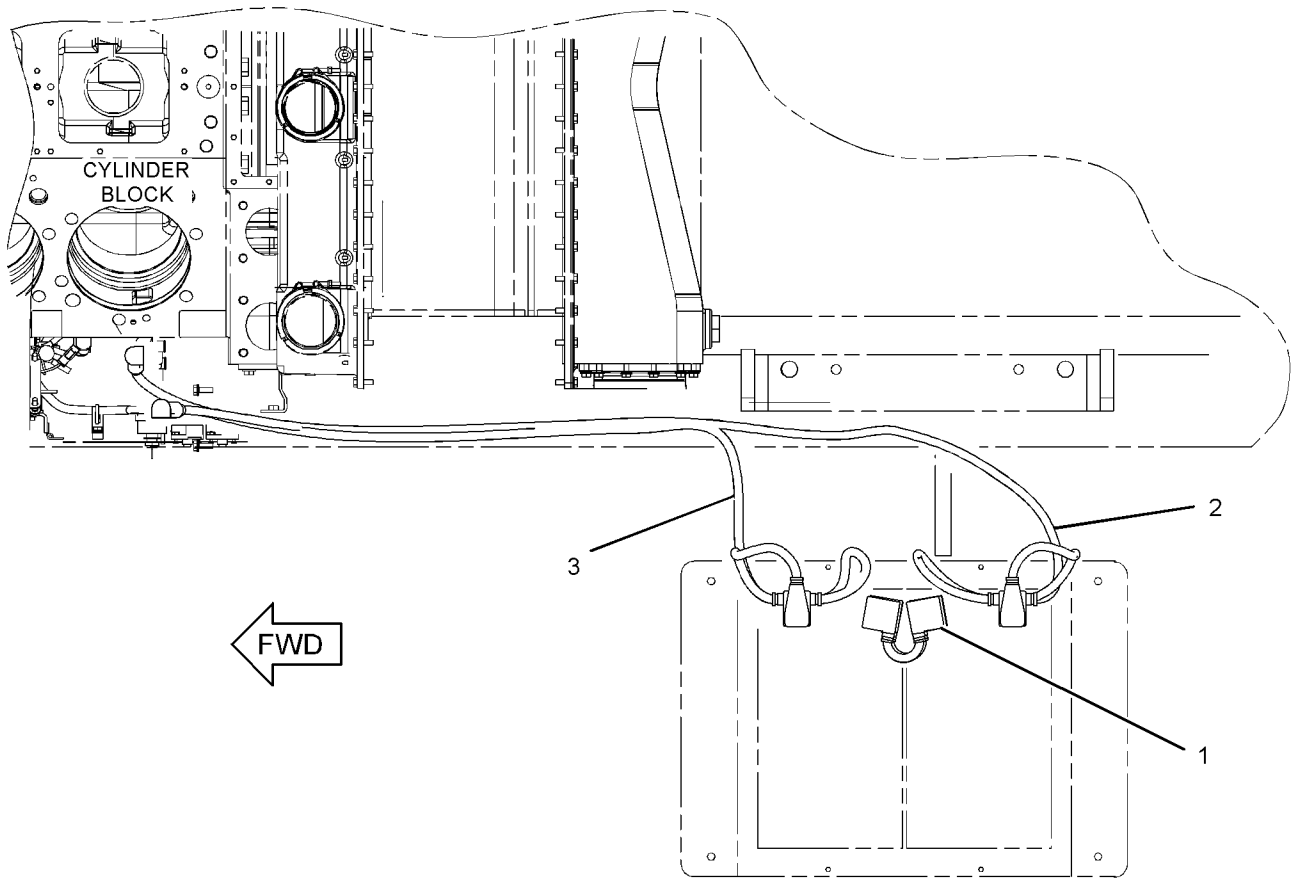
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	118-1277	3	CABLE AS						
					(EACH INCLUDES)						
E			5P-0761		CABLE (00-GA, RED) (20-CM)						
			9G-0003	1	COVER-TERMINAL (BLACK)						
			9G-0004	1	COVER-TERMINAL (RED)						
			9W-3416	1	TERMINAL AS (POSITIVE)						
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)						
		1	1M-6120	1	NUT (5/16-18-THD)						
			9W-3723	1	TERMINAL AS (NEGATIVE)						
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)						
		1	1M-6120	1	NUT (5/16-18-THD)						
	2	1	271-6406	1	CABLE AS-BATTERY (POSITIVE)						
E			8T-5357		CABLE (00-GA, RED) (288-CM)						
			7T-4924	2	COVER-TERMINAL (RED)						
			7T-9987	1	COVER-TERMINAL (RED)						
			9G-8909	1	COVER-TERMINAL (BLACK)						
			5P-2600	1	RING-TERMINAL (FOR 1/2-IN BOLT)						
			3S-6051	1	TERMINAL AS						
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)						
		1	1M-6120	1	NUT (5/16-18-THD)						
			8C-4281	2	TERMINAL AS						
					(EACH INCLUDES)						
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)						
		1	1M-6120	1	NUT (5/16-18-THD)						
	3	1	271-6407	1	CABLE AS-BATTERY (NEGATIVE)						
E			5P-0744		CABLE (00-GA, BLACK) (334-CM)						
			7T-4925	2	COVER-TERMINAL (BLACK)						
			7T-9988	1	COVER-TERMINAL (BLACK)						
			9G-8909	1	COVER-TERMINAL (BLACK)						
			5P-2600	1	RING-TERMINAL (FOR 1/2-IN BOLT)						
			8C-4282	2	TERMINAL AS						
					(EACH INCLUDES)						
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)						
		1	1M-6120	1	NUT (5/16-18-THD)						
			9S-6333	1	TERMINAL AS						
		1	1M-6119	1	BOLT (5/16-18X1.375-IN)						
		1	1M-6120	1	NUT (5/16-18-THD)						

E-ORDER BY THE CENTIMETER

ELECTRICAL AND STARTING SYSTEM

271-6413 CABLE GP-BATTERY (contd.)

i02479801



TOP VIEW

GRAPHIC #1

<END>

g01240301

ELECTRICAL AND STARTING SYSTEM

263-6745 CIRCUIT BREAKER GP-ALTERNATOR

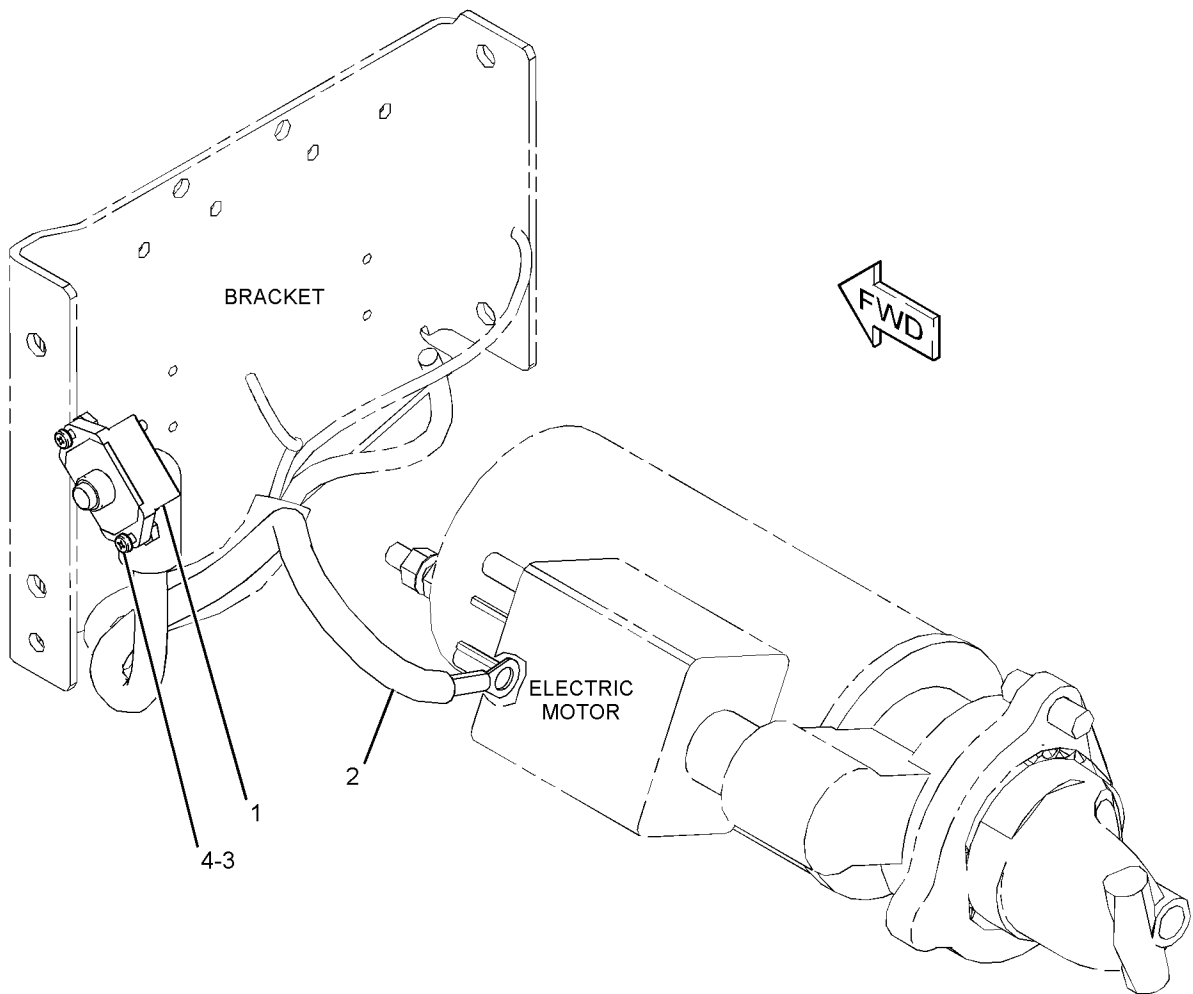
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1420, 4461

i02441240

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	171-2205	1	CIRCUIT BREAKER AS (40-AMPERE)						
		1	6V-8187	2	NUT (1/4-28-THD)						
		1	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)						
		1	253-2111	2	LOCKWASHER						
	2	1	263-6579	1	CABLE AS						
		1	3L-6513	1	TERMINAL (FOR 1/2-IN BOLT)						
E		1	8C-3056		CABLE (02-GA, RED) (58-CM)						
		1	030-1712	1	TERMINAL-RING (2-GA, 6.35-MM)						
		1	9X-6932	1	BOOT-TERMINAL						
	3	1	096-0192	2	LOCKWASHER						
	4	1	6V-7978	2	SCREW-MACHINE (10-32X0.375-IN)						

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g01221978

ELECTRICAL AND STARTING SYSTEM

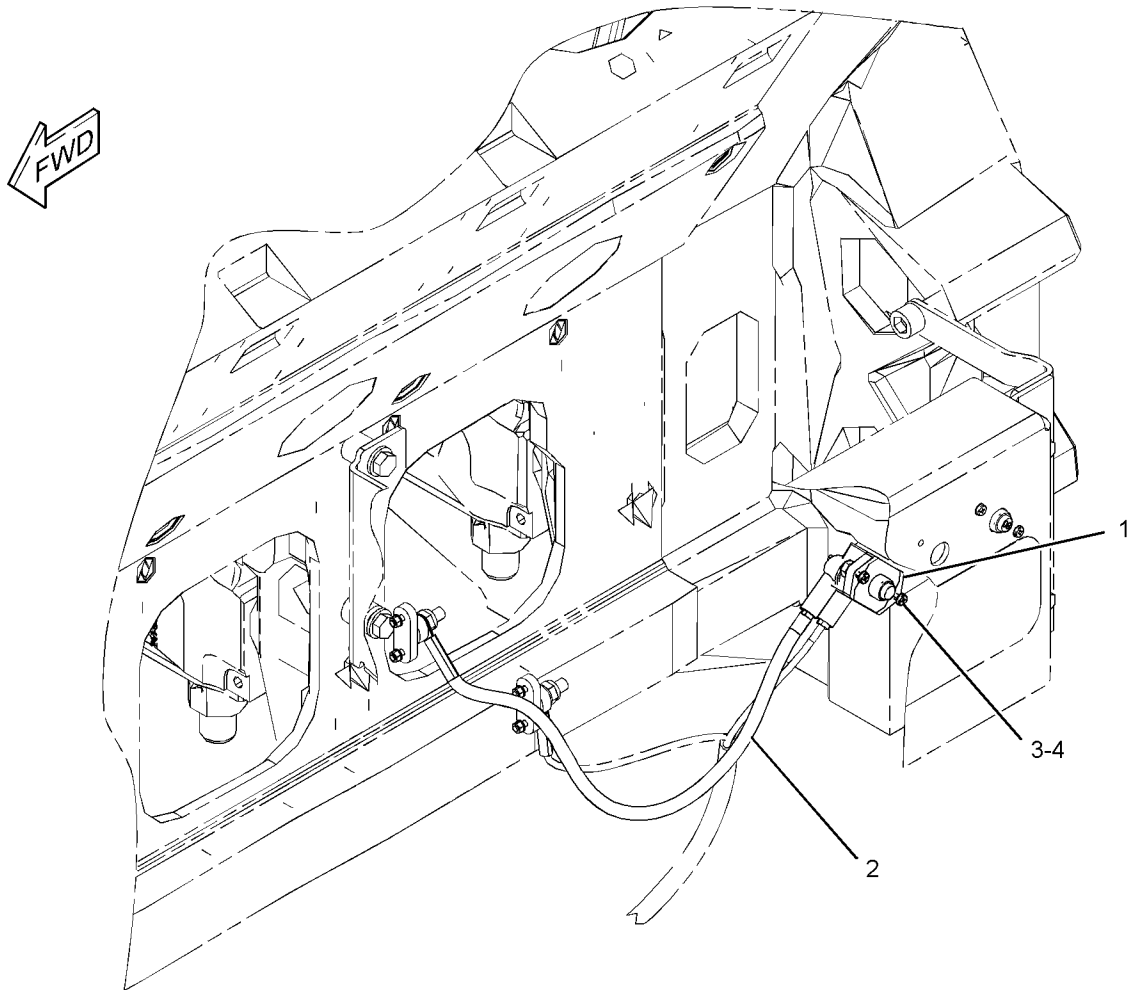
263-6746 CIRCUIT BREAKER GP-PRELUBRICATION

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1420, 4461

i02441238

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	171-2205	1	CIRCUIT BREAKER AS (40-AMPERE)						
		1	6V-8187	2	NUT (1/4-28-THD)						
		1	8T-4205	2	WASHER-HARD (7.2X14.5X2-MM THK)						
		1	253-2111	2	LOCKWASHER						
	2	1	278-7300	1	CABLE AS						
		1	6V-2369		WIRE (04-GA, BLACK) (0.6-M)						
		1	2L-8050	2	TERMINAL-RING (6-GA, 1/4-IN)						
		1	135-2543	1	BOOT						
	3	1	096-0192	2	LOCKWASHER						
	4	1	6V-7978	2	SCREW-MACHINE (10-32X0.375-IN)						



GRAPHIC #1

<END>

g01221647

ELECTRICAL AND STARTING SYSTEM

276-8162 CONDUIT GP-JACKET WATER HEATER

S/N: WYB1-UP

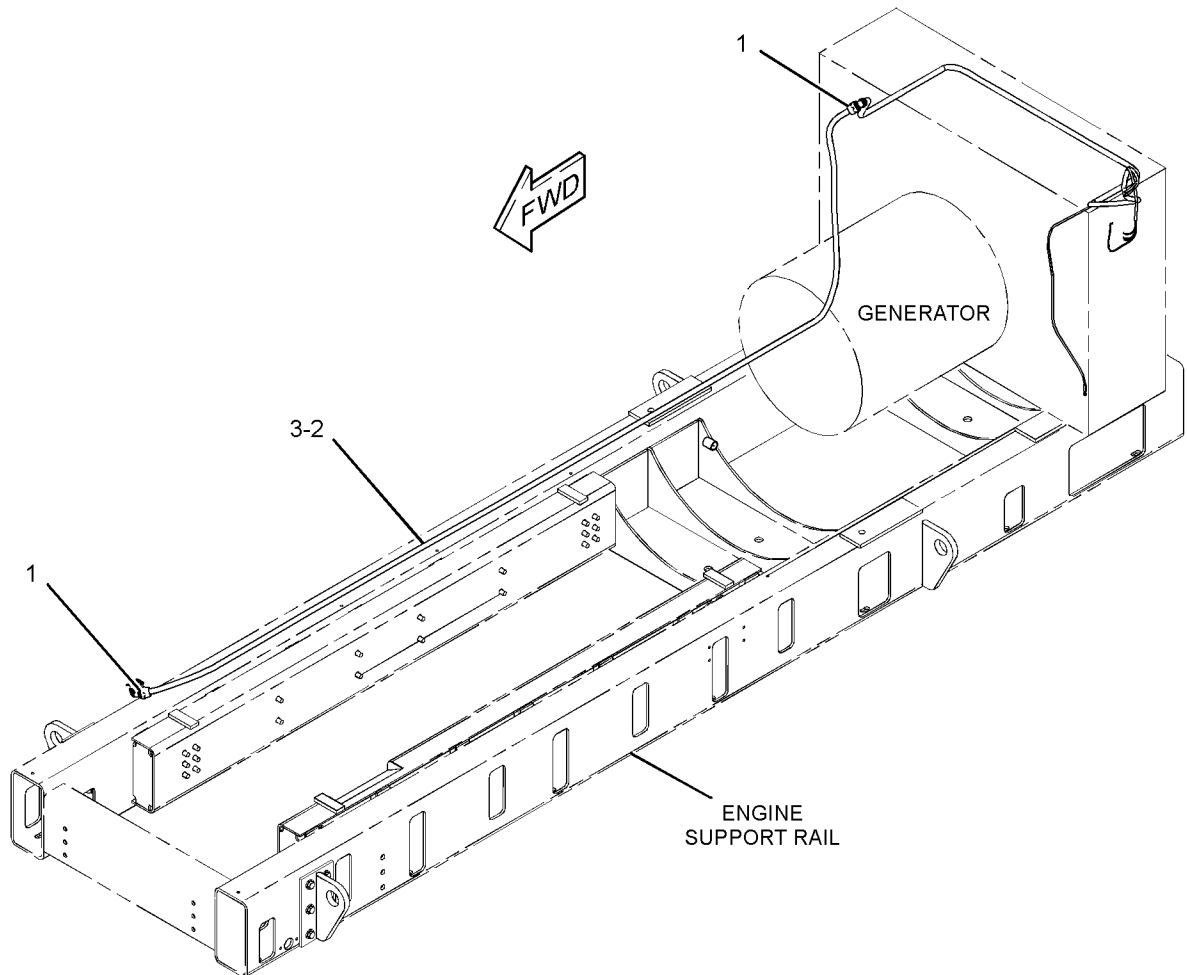
PART OF 276-8161 WIRING GP-JACKET WATER HEATER
AN ATTACHMENT

SMCS-7553

i02475245

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	252-7454	2	CONNECTOR						
	2	1	276-8160	1	HARNESS AS-WIRING (GENERATOR)						
		1	7K-1181	3	STRAP-CABLE						
		1	109-3038	4	END-WIRE (16-GA)						
		1	2L-8061	1	TERMINAL (8-GA)						
		1	2L-8076	4	TERMINAL (14-GA TO 16-GA, NO. 10 SCREW)						
		1	2L-8057	2	TERMINAL (8-GA, NO.10 SCREW)						
		1	252-7697	1	WIRE AS						
E	3	1	252-7452		CONDUIT (545-CM)						

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g01221216

ELECTRICAL AND STARTING SYSTEM

245-0092 CONNECTION GP-ELECTRICAL-GENERATOR

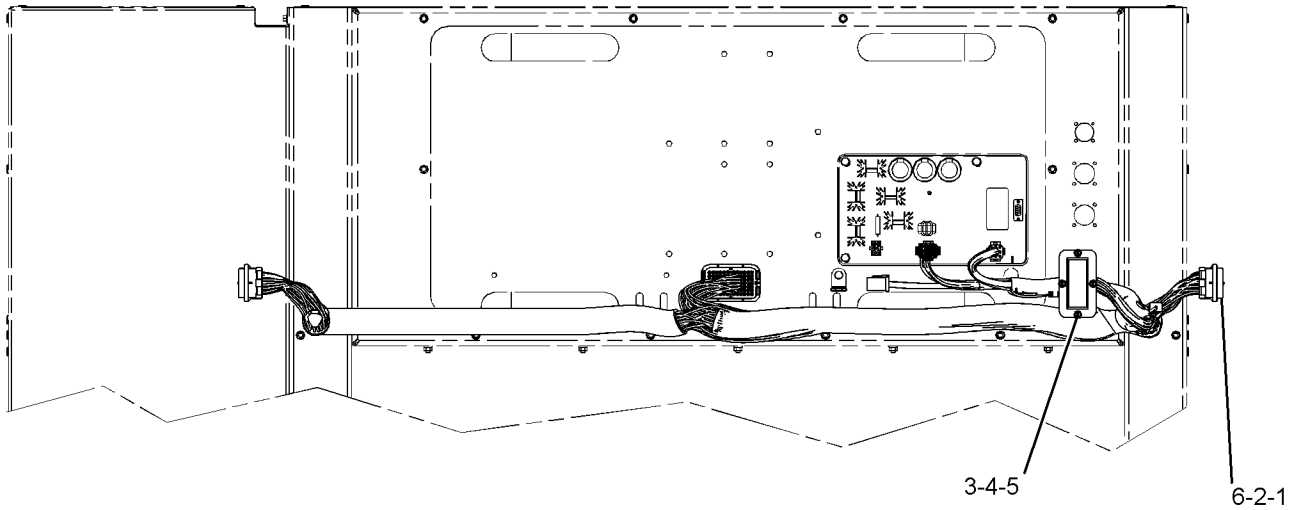
S/N: WYB1-UP
FOR USE WITH EUI
AN ATTACHMENT

SMCS-1408

i02490531

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
B	1	1	9X-6772	12	STRAP-CABLE						
Y	2	1	244-5403	1	HARNESS AS-WIRING (GENERATOR)						383
	3	1	3K-8106	4	SCREW-MACHINE (8-32X1-IN)						
	4	1	4B-2043	4	NUT (8-32-THD)						
	5	1	4B-4863	8	WASHER (4.7X11X1.2-MM THK)						
B	6	1	126-1771	1	CAP-DUST						

B-USE AS REQUIRED
Y-SEPARATE ILLUSTRATION



REAR VIEW

GRAPHIC #1

<END>

g01254822

ELECTRICAL AND STARTING SYSTEM

252-7480 CONNECTION GP-ELECTRICAL- ANNUNCIATOR HARNESS

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1408

i02262569

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	244-9600	1	HARNESS AS (ANNUNCIATOR)						
	102-8806	1	KIT-RECEPTACLE (8-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)						
	186-3735	5	PIN-CONNECTOR (16-GA TO 18-GA)						
	186-3736	10	SOCKET-CONNECTOR (16-GA TO 18-GA)						
	8T-8737	5	PLUG-SEAL						
E	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (25-CM)						
	155-2274	2	KIT-CONNECTING PLUG (6-PIN) (EACH INCLUDES PLUG AS AND WEDGE)						
E-ORDER BY THE CENTIMETER									

<END>

ELECTRICAL AND STARTING SYSTEM

249-7649 CONNECTOR AS-RESISTIVE TEMPERATURE DEVICE

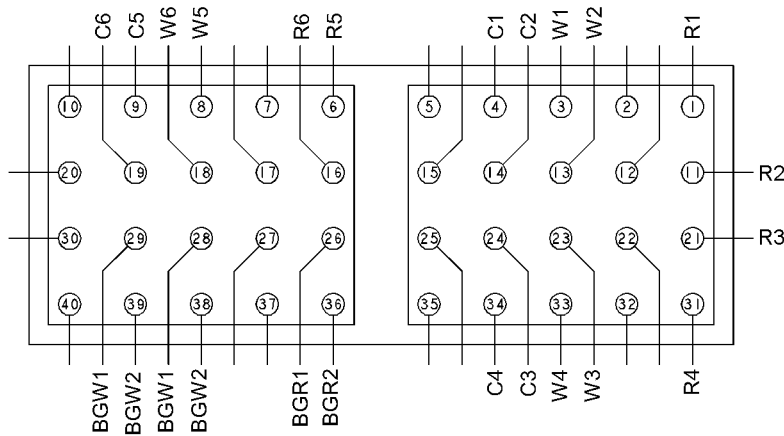
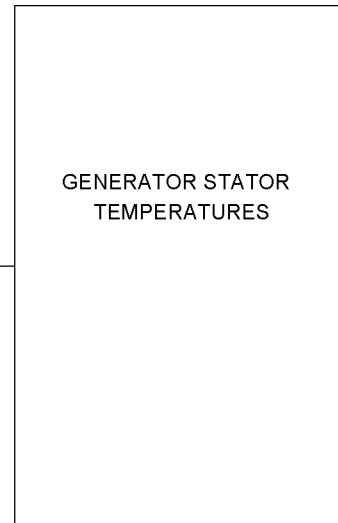
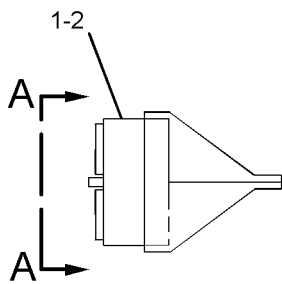
S/N: WYB1-UP
AN ATTACHMENT

SMCS-7553

i02105186

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-0141	1	PLUG AS-CONNECTOR (40-PIN)						
		1	3E-4367	1	RING-RETAINING						
M		1	3E-8557	1	BOLT (M5X0.8X39.37-MM)						
		1	9X-3490	2	SEAL-CONNECTOR						
	2	1	186-3736	24	SOCKET-CONNECTOR						

M-METRIC PART



SCALE 2:1

VIEW A-A

GRAPHIC #1

<END>

g01072703

ELECTRICAL AND STARTING SYSTEM

249-1168 CONTROL & MTG GP-ENGINE ELEK

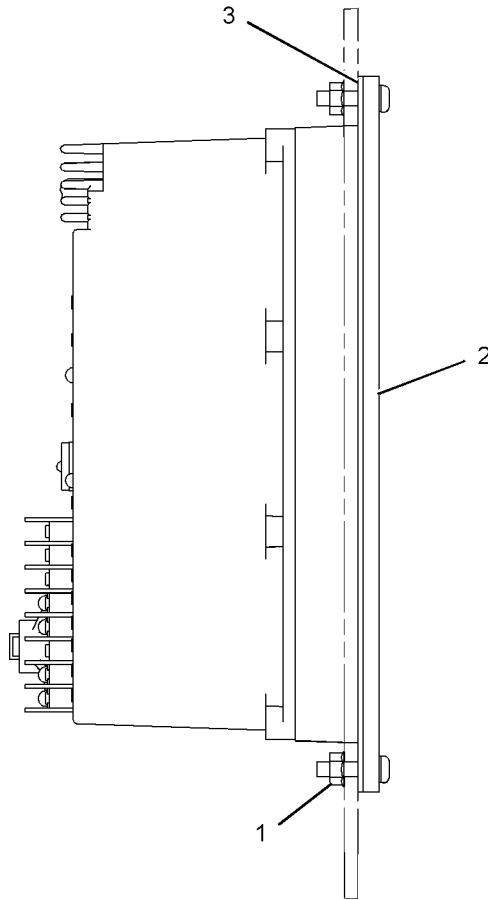
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1900, 1901

i02142994

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	214-3966	4	NUT (M6X1-MM)						
Y	2	1	236-1159	1	CONTROL GP-GENERATOR SET (ANNUNCIATOR)						504
	3	1	244-9613	1	GASKET						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01084833

ELECTRICAL AND STARTING SYSTEM

252-7409 CONTROL & MTG GP-ENGINE ELEK-LOW VOLTAGE

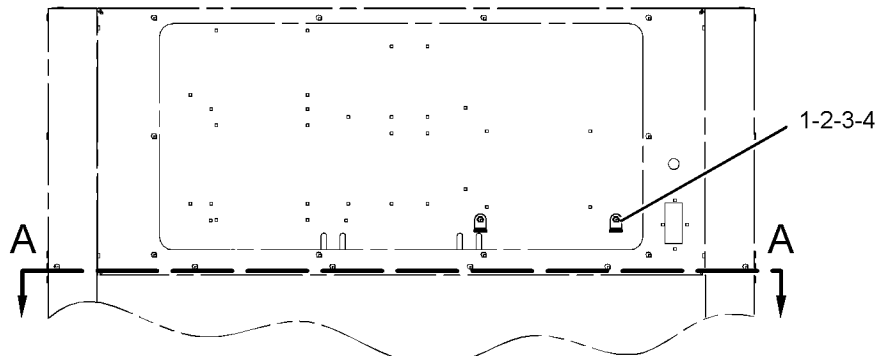
S/N: WYB1-UP
 MAIN HARNESS ROUTING
 AN ATTACHMENT

SMCS-1900, 1901

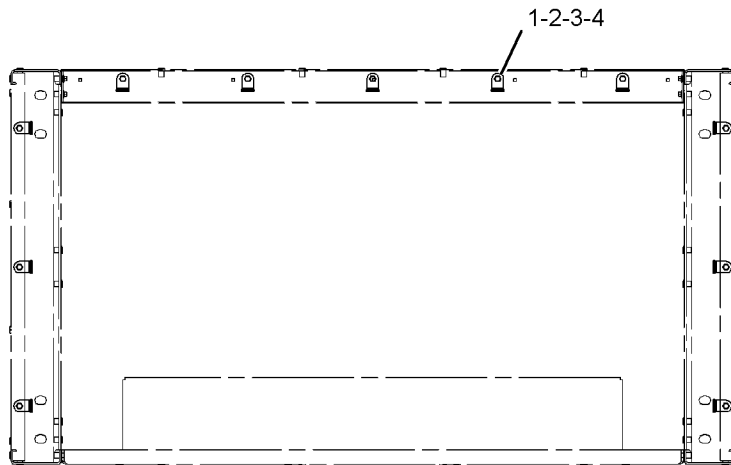
i02332741

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	156-6175	13	CLIP						
M	2	1	5C-2890	13	NUT (M6X1-THD)						
M	3	1	5C-9553	13	BOLT (M6X1X16-MM)						
	4	1	9X-8256	26	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



REAR VIEW



SECTION A-A

GRAPHIC #1

<END>

g01164464

ELECTRICAL AND STARTING SYSTEM

278-7383 CONTROL & MTG GP-ENGINE ELEK

S/N: WYB1-UP

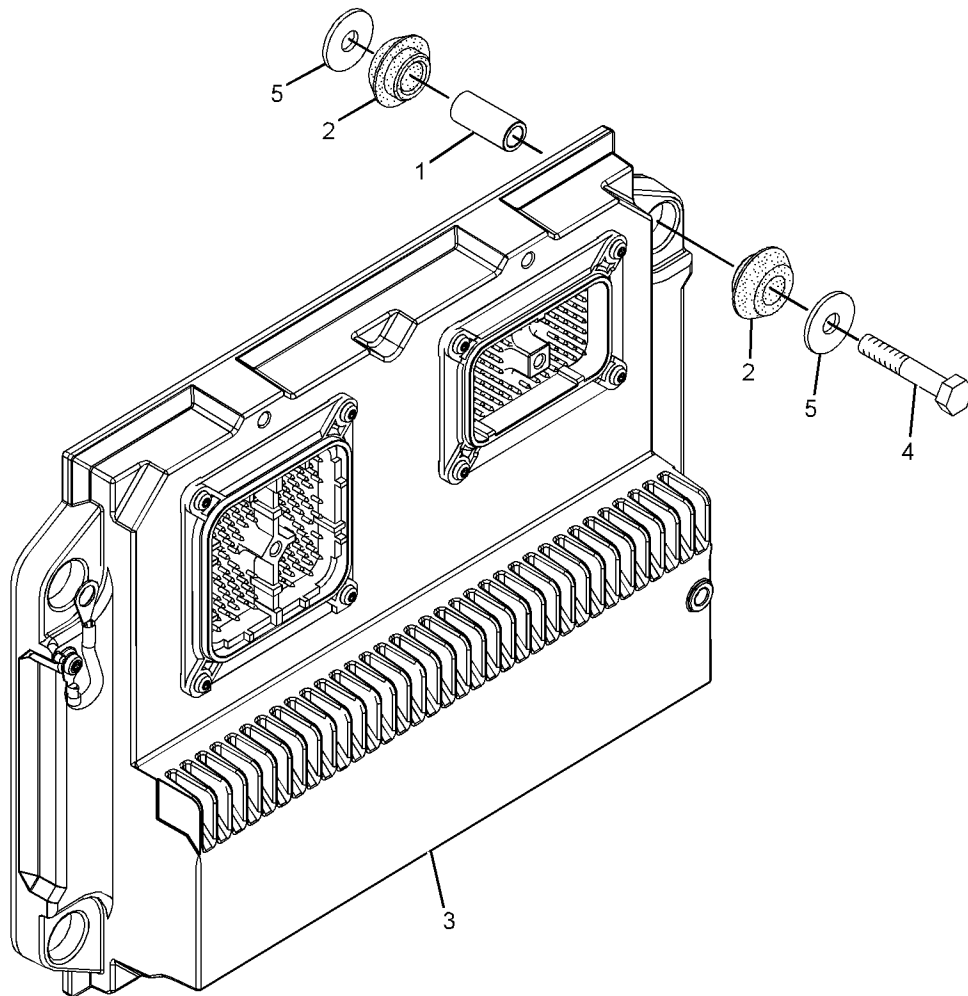
PART OF 285-3950 BOX GP-CONTROL
AN ATTACHMENT

SMCS-1900, 1901

i02498131

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-1418	4	SPACER (8.2X12.7X28.7-MM THK)						
	2	1	8T-9655	8	MOUNT-ISOLATION						
	3	1	272-3357	1	CONTROL GP-ELECTRONIC						
		1	286-4448	1	CONTROL GP-UNPROGRAMMED						
M	4	1	7X-0818	4	BOLT (M8X1.25X45-MM)						
	5	1	9N-0869	8	WASHER-HARD (8.8X25.5X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01253499

ELECTRICAL AND STARTING SYSTEM

252-7504 CONTROL GP-ELECTRONIC-ANNUNCIATOR

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1917, 1924

i02404545

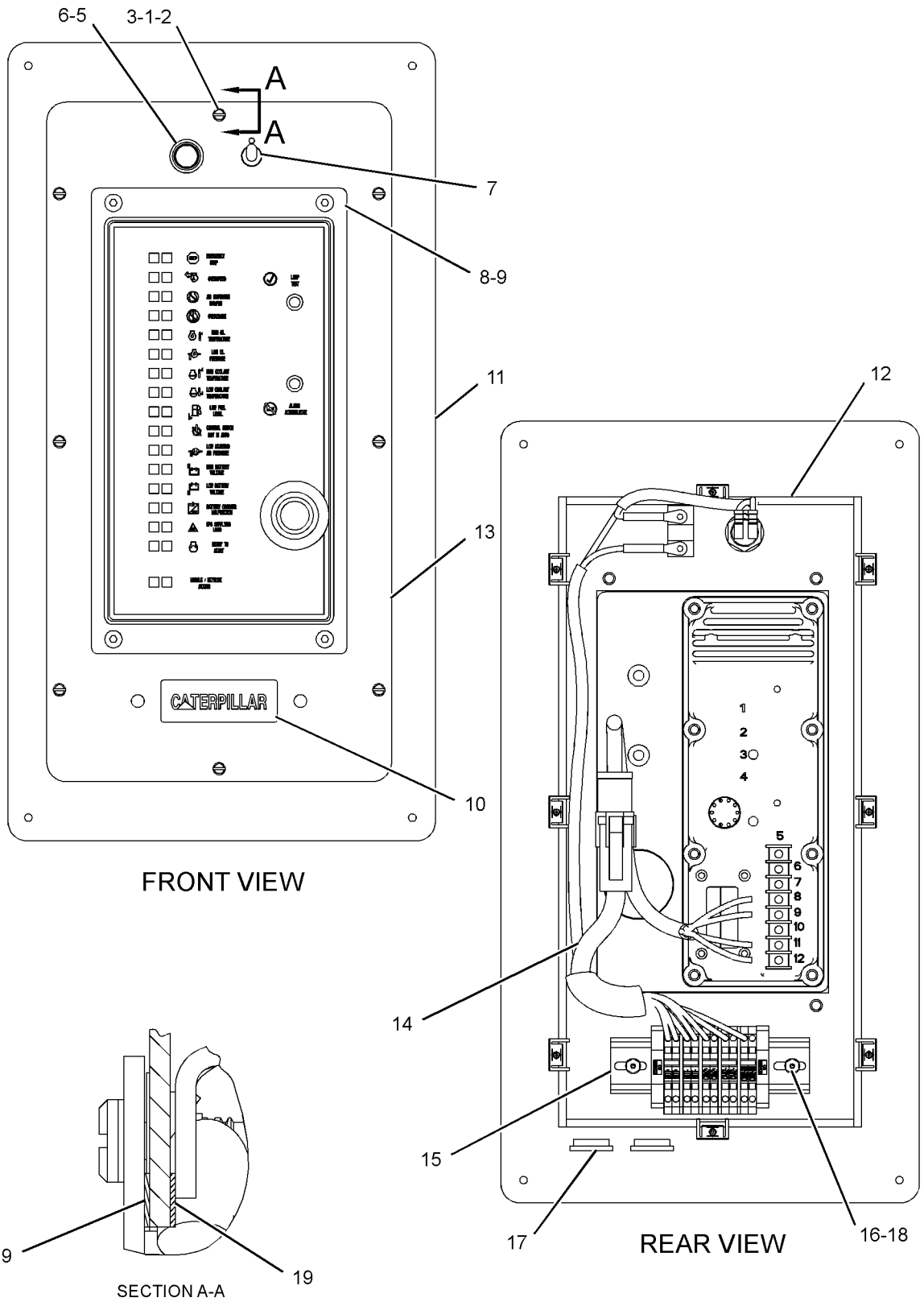
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4P-2160	8	WASHER (RETAINING RING)						
	2	1	4P-2161	8	SCREW						
	3	1	4P-2162	8	CLIP						
	5	1	7G-9730	1	SOCKET AS-LAMP (CLEAR)						
		1	6V-8367	1	LOCKWASHER						
		1	6V-8382	1	NUT-HEX (11/16-27-THD)						
	6	1	7N-5876	1	LAMP (24-VOLT) (CLEAR)						
	7	1	8D-2676	1	SWITCH AS-TOGGLE (ALARM)						
		1	3L-8187	2	LOCKWASHER						
		1	6T-3631	2	NUT-HEX (15/32-32-THD)						
		1	6T-3632	1	LOCKWASHER						
		1	6T-3633	1	RING-LOCKING						
		1	6V-8374	2	SCREW-MACHINE (6-32X0.25-IN)						
Y	8	1	236-1159	1	CONTROL GP-GENERATOR SET (ANNUNCIATOR)						504
	9	1	244-9613	1	GASKET						
	10	1	245-2987	1	FILM-IDENTIFICATION (CATERPILLAR)						
	11	1	272-1065	1	PLATE						
	12	1	272-1077	1	BOX						
	13	1	272-1079	1	LID						
	14	1	272-5936	1	HARNESS AS-ALARM						
E		1	153-2707		CABLE-ELECTRICAL (19-GA) (29-CM)						
		1	109-3038	7	END-WIRE (16-GA)						
		1	155-2265	1	KIT-CONNECTING PLUG (8-PIN) (INCLUDES PLUG AS & WEDGE)						
		1	8T-3737	3	PLATE & FILM GP						
		1	186-3736	5	SOCKET-CONNECTOR (16-GA TO 18-GA)						
		1	7K-1181	11	STRAP-CABLE						
		1	2L-8074	2	TERMINAL (14-GA TO 16-GA, NO. 6 SCREW)						
		1	128-5669	2	TERMINAL (14-GA TO 16-GA WIRE)						
Y	15	1	272-8238	1	BLOCK AS-TERMINAL						271
	16	1	151-4977	2	WASHER (4.445X9.525X1.092-MM THK)						
	17	1	2Y-5564	2	PLUG-BUTTON						
	18	1	4B-2041	2	NUT (6-32-THD)						
E	19	1	8C-7524		SEAL (231-CM)						

E-ORDER BY THE CENTIMETER
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

252-7504 CONTROL GP-ELECTRONIC (contd.)

i02404545



GRAPHIC #1

<END>

g01202945

ELECTRICAL AND STARTING SYSTEM

263-1743 CONTROL GP-ELECTRONIC

S/N: WYB1-UP

FOR USE WITH ENGINE INTERFACE, EMCP 3.3
AN ATTACHMENT

SMCS-1917, 1924

i02470722

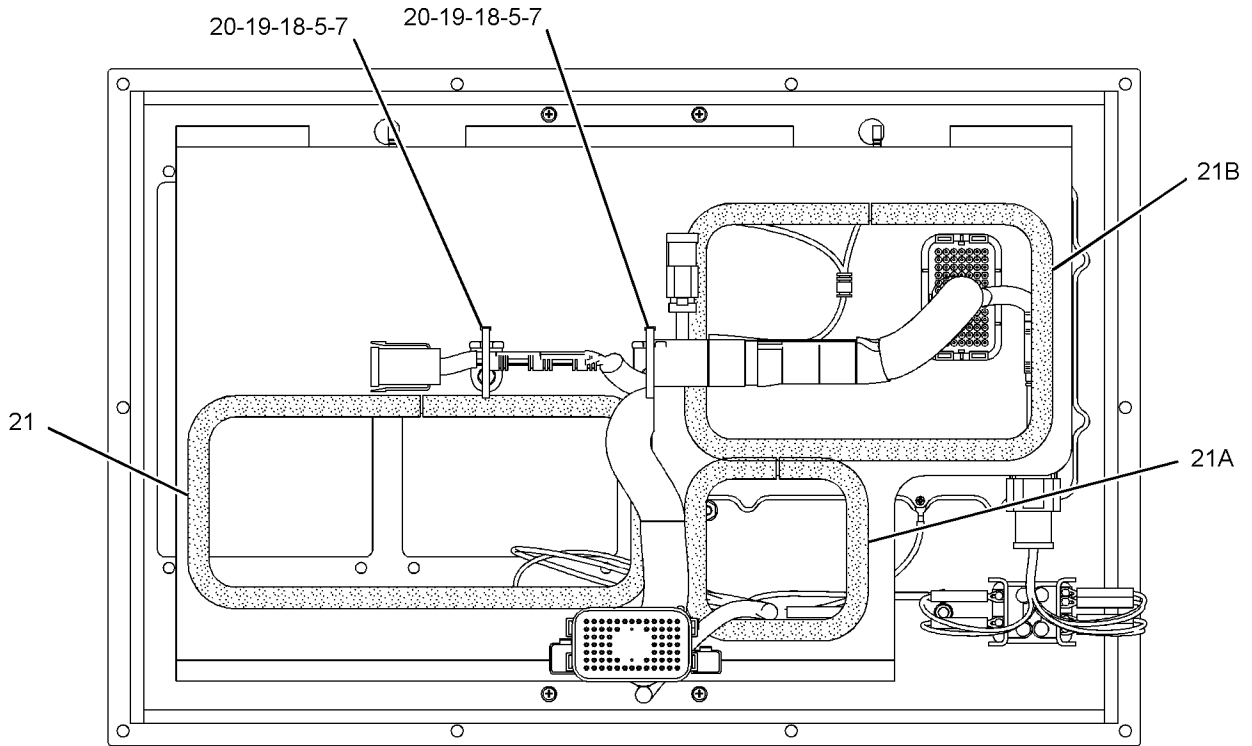
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7C-0974	1	FILM-WARNING (ELECTRICAL SHOCK)						
	2	1	8C-8514	4	SCREW-MACHINE (8-32X0.375-IN)						
	3	1	8T-2882	2	HANDLE-PULL						
	4	1	9F-8125	4	LOCKWASHER						
B	5	1,2	9X-6772	3	STRAP-CABLE						
	6	1	103-6272	1	SEAL						
	7	1,2	156-6175	3	CLIP						
	8	1	214-3966	6	NUT (M6X1-MM)						
Y	9	1	227-5802	1	CONTROL GP-GENERATOR SET (EMCP 3.3)						503
	10	2	233-7742	1	SCREW (M4X7.5-MM)						
	11	1	234-1373	4	GROMMET-BLIND						
	12	1	245-0072	1	PANEL AS						
		1	242-8829	1	PANEL AS						
J		1	244-9631		SEAL (23-DM)						
	13	1	245-2987	1	FILM-IDENTIFICATION (CATERPILLAR)						
	14	1	245-2992	1	FILM-IDENTIFICATION (EMCP 3.3)						
Y	15	1	252-7420	1	FILM GP (USER INTERFACE PANEL)						645
	16	2	263-1738	1	HARNES AS-CONTROL (EMCP 3.3)						
		2	155-2274	1	KIT-CONNECTING PLUG (6-PIN) (INCLUDES PLUG AS. AND WEDGE)						
		2	160-7689	1	PLUG AS-CONNECTOR (70-PIN)						
		2	159-9322	1	SEAL-O-RING						
		2	162-4171	2	TERMINAL AS (18-GA TO 20-GA) (EACH INCLUDES)						
E		2	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (4-CM)						
		2	174-0503	1	KIT-CONNECTING PLUG (3-PIN) (INCLUDES PLUG AS. AND WEDGE)						
B		2	7K-1181	5	STRAP-CABLE						
E		2	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (75-CM)						
E		2	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (15-CM)						
		2	128-5669	2	TERMINAL (14-GA TO 16-GA WIRE)						
		2	2L-8074	1	TERMINAL (14-GA TO 16-GA, NO. 6 SCREW)						
E		2	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (3-CM)						
		2	2L-8075	1	TERMINAL (14-GA TO 16-GA)						
E		2	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (3-CM)						
		2	133-8753	1	RECEPTACLE AS-CONNECTOR (70-PIN)						
		2	134-2540	1	RECEPTACLE AS-CONNECTOR (3-PIN)						
		2	155-2265	1	KIT-CONNECTING PLUG (8-PIN) (INCLUDES PLUG AS. AND WEDGE)						
		2	155-2271	1	KIT-CONNECTING PLUG (4-PIN) (INCLUDES PLUG AS. AND WEDGE)						
Y	17	2	263-1748	1	WIRING GP-ENGINE						447
M	18	1,2	5C-2890	3	NUT (M6X1-THD)						
M	19	1,2	5C-9553	3	BOLT (M6X1X16-MM)						
	20	1,2	9X-8256	6	WASHER (6.6X12X2-MM THK)						
E	21	1	3E-6600		SEAL (78.5-CM)						
E	21A	1	3E-6600		SEAL (61.5-CM)						
E	21B	1	3E-6600		SEAL (72-CM)						

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

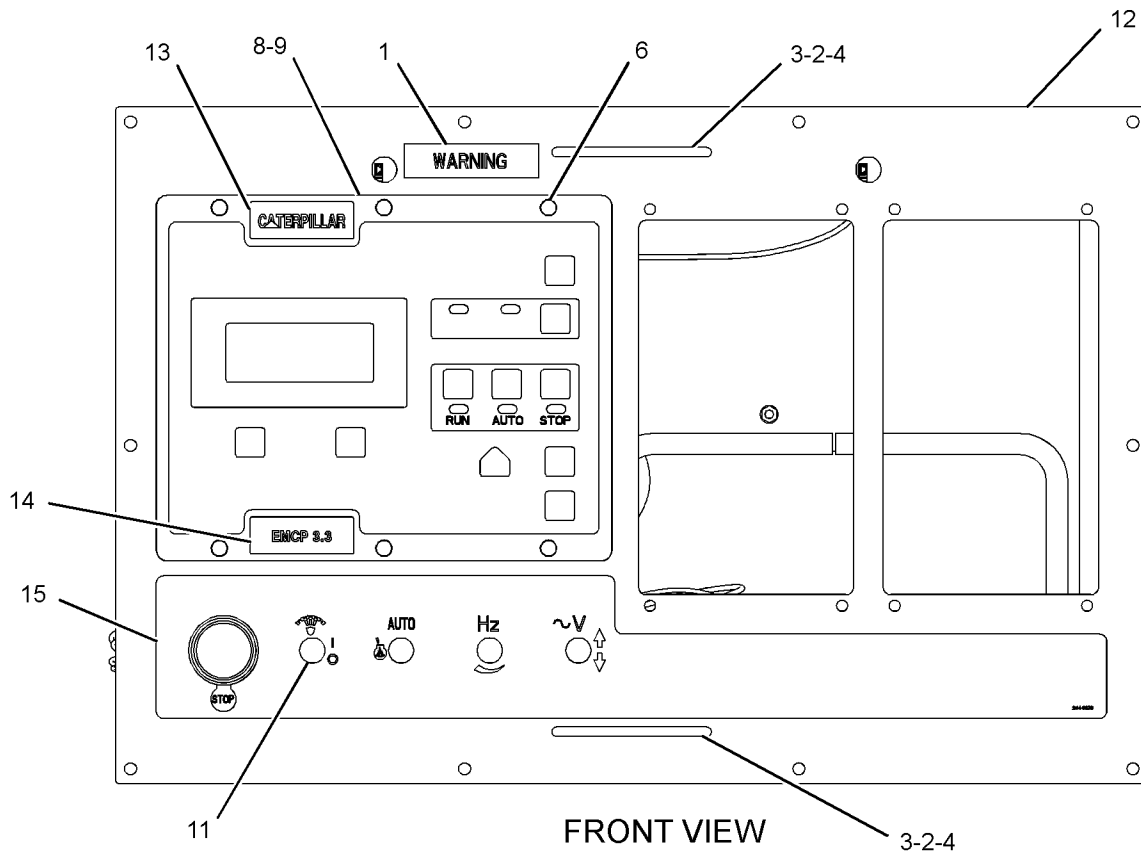
ELECTRICAL AND STARTING SYSTEM

263-1743 CONTROL GP-ELECTRONIC (contd.)

i02470722



REAR VIEW



FRONT VIEW

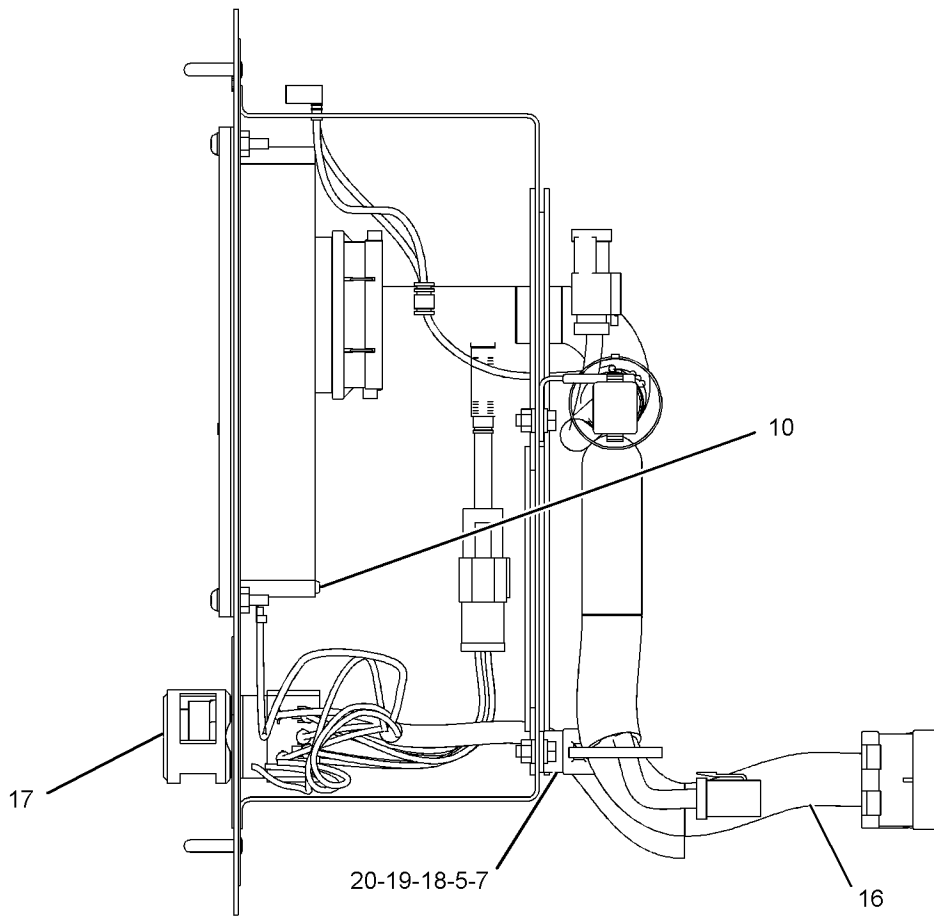
GRAPHIC #1

g01229381

ELECTRICAL AND STARTING SYSTEM

263-1743 CONTROL GP-ELECTRONIC (contd.)

i02470722



RIGHT SIDE VIEW

<END>

GRAPHIC #2

g01229383

ELECTRICAL AND STARTING SYSTEM

281-3959 CONTROL GP-ELECTRONIC-EMCP-3.1

S/N: WYB1-UP

FOR USE WITH COMMON ENGINE INTERFACE
AN ATTACHMENT

SMCS-1917, 1924

i02423142

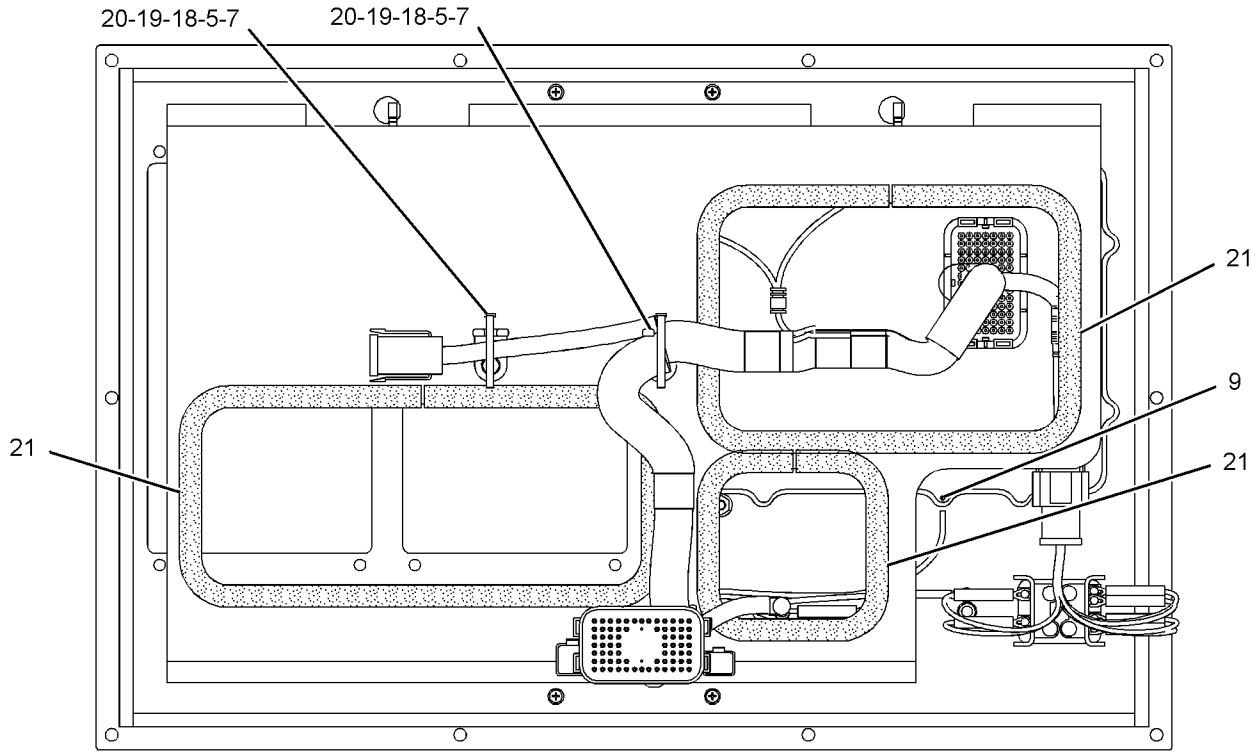
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7C-0974	1	FILM-WARNING (ELECTRICAL SHOCK)						
	2	1	8C-8514	4	SCREW-MACHINE (8-32X0.375-IN)						
	3	1	8T-2882	2	HANDLE-PULL						
	4	1	9F-8125	4	LOCKWASHER						
B	5	1,2	9X-6772	3	STRAP-CABLE						
	6	1	103-6272	1	SEAL						
	7	1,2	156-6175	3	CLIP						
	8	1	214-3966	6	NUT (M6X1-MM)						
	9	1	233-7742	1	SCREW (M4X7.5-MM)						
	10	1	234-1373	4	GROMMET-BLIND						
	11	1	245-0072	1	PANEL AS						
		1	242-8829	1	PANEL AS						
		1	244-9631	23	SEAL						
	12	1	245-2987	1	FILM-IDENTIFICATION (CATERPILLAR)						
	13	1	245-2989	1	FILM-IDENTIFICATION (EMCP 3.1)						
Y	14	1	252-7420	1	FILM GP (USER INTERFACE PANEL)						645
Y	15	1	263-1748	1	WIRING GP-ENGINE						447
Y	16	1	274-8516	1	CONTROL GP-GENERATOR SET						505
	17	2	281-2761	1	HARNES AS-CONTROL						
B		2	7K-1181	5	STRAP-CABLE						
E		2	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (60-CM)						
		2	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (25-CM)						
		2	128-5669	2	TERMINAL (14-GA TO 16-GA WIRE)						
		2	2L-8074	1	TERMINAL (14-GA TO 16-GA, NO. 6 SCREW)						
E		2	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (3-CM)						
		2	133-8753	1	RECEPTACLE AS-CONNECTOR (70-PIN)						
		2	2L-8075	1	TERMINAL (14-GA TO 16-GA)						
E		2	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (3-CM)						
		2	155-2271	1	KIT-CONNECTING PLUG (4-PIN)						
		2	155-2274	1	KIT-CONNECTING PLUG (6-PIN)						
		2	155-2265	1	KIT-CONNECTING PLUG (8-PIN)						
		2	155-2271	1	KIT-CONNECTING PLUG (4-PIN)						
		2	160-7689	1	PLUG AS-CONNECTOR (70-PIN)						
		2	159-9322	1	SEAL-O-RING						
		2	162-4171	2	TERMINAL AS (18-GA TO 20-GA)						
E		2	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (4-CM)						
M	18	1,2	5C-2890	3	NUT (M6X1-THD)						
M	19	1,2	5C-9553	3	BOLT (M6X1X16-MM)						
	20	1,2	9X-8256	6	WASHER (6.6X12X2-MM THK)						
E	21	1	3E-6600		SEAL (183-CM)						

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

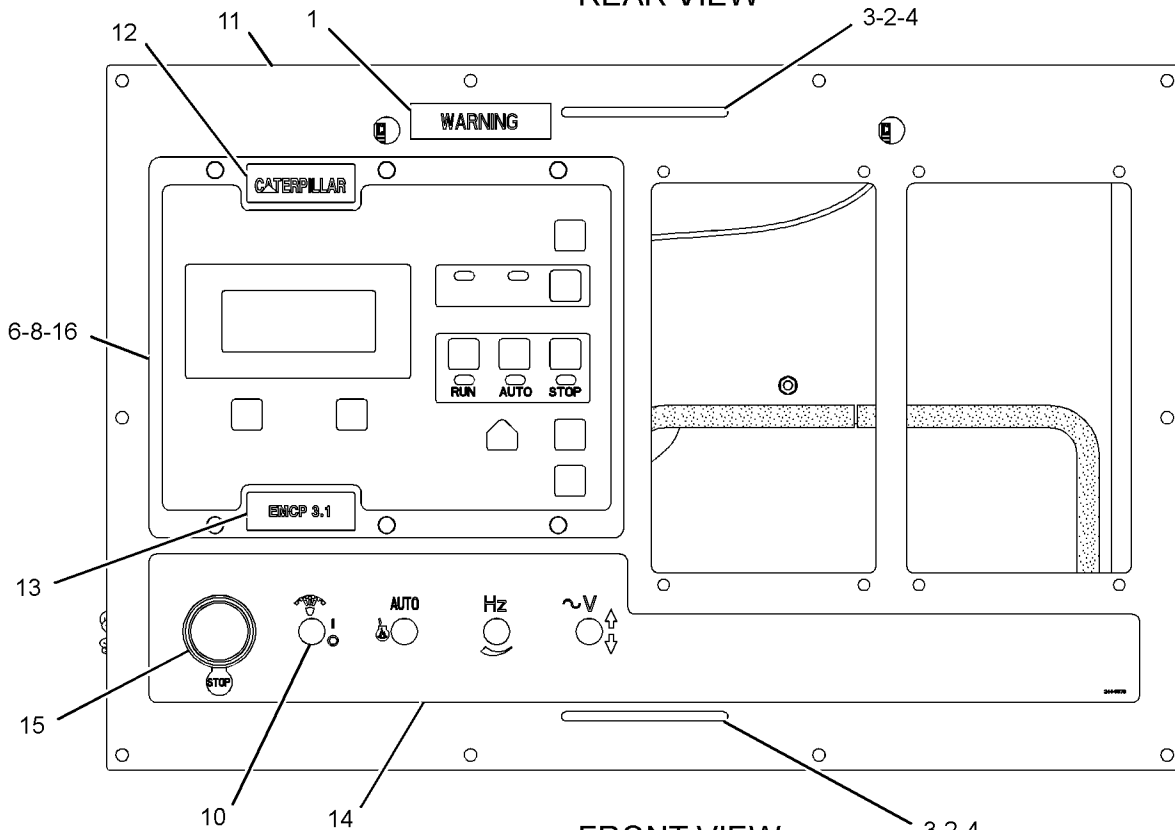
ELECTRICAL AND STARTING SYSTEM

281-3959 CONTROL GP-ELECTRONIC (contd.)

i02423142



REAR VIEW



FRONT VIEW

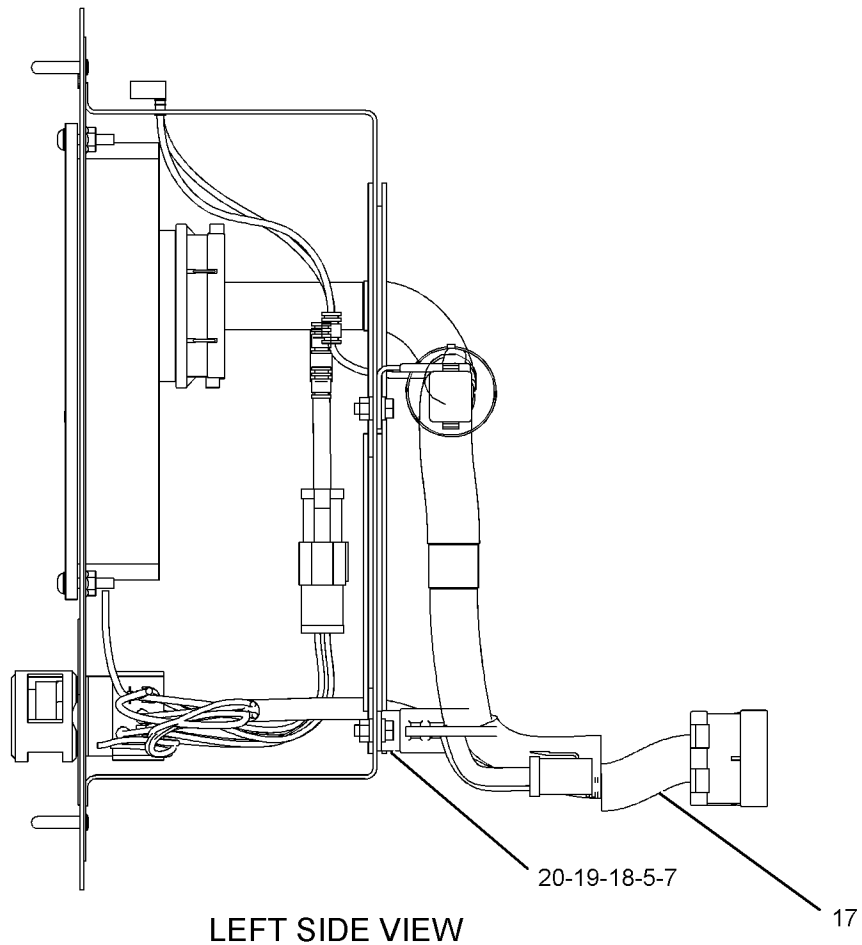
GRAPHIC #1

g01229554

ELECTRICAL AND STARTING SYSTEM

281-3959 CONTROL GP-ELECTRONIC (contd.)

i02423142



GRAPHIC #2

<END>

g01229555

ELECTRICAL AND STARTING SYSTEM

283-0010 CONTROL GP-ELECTRONIC-EMCP-3.2

S/N: WYB1-UP

FOR USE WITH COMMON ENGINE INTERFACE
AN ATTACHMENT

SMCS-1917, 1924

i02423169

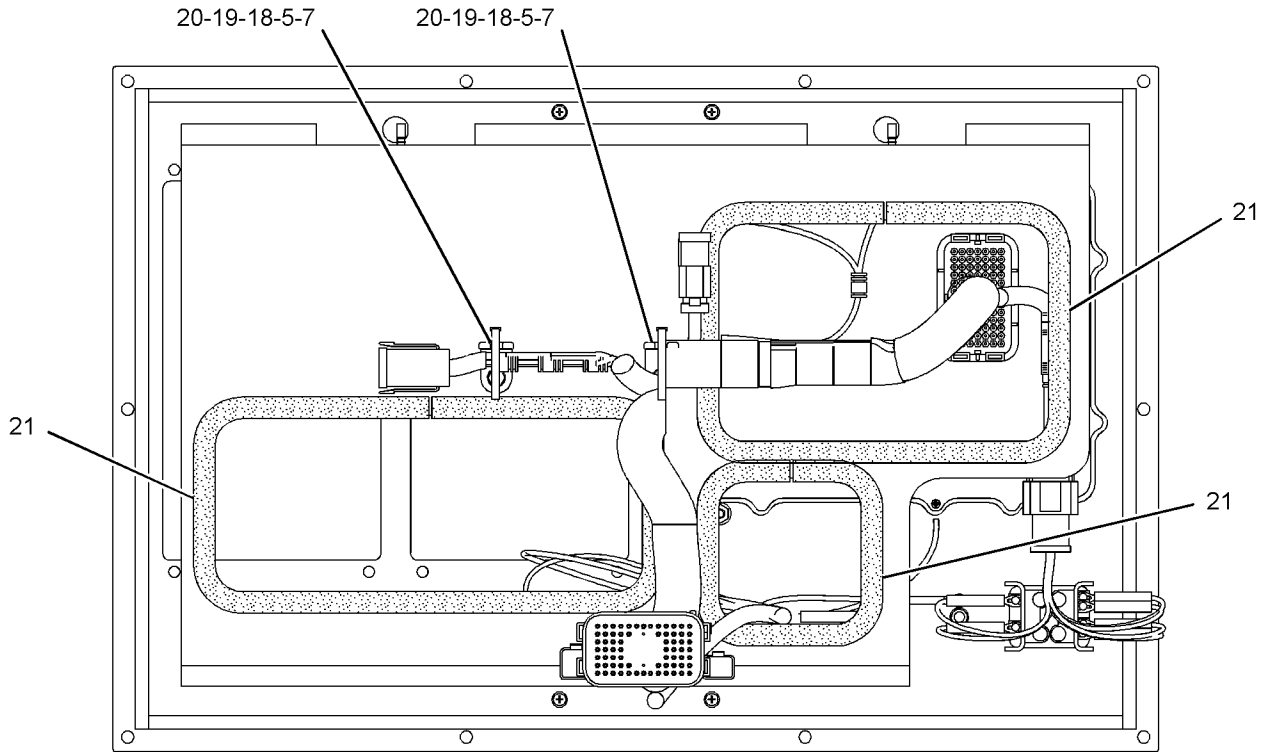
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7C-0974	1	FILM-WARNING (ELECTRICAL SHOCK)						
	2	1	8C-8514	4	SCREW-MACHINE (8-32X0.375-IN)						
	3	1	8T-2882	2	HANDLE-PULL						
	4	1	9F-8125	4	LOCKWASHER						
B	5	1,2	9X-6772	3	STRAP-CABLE						
	6	1	103-6272	1	SEAL						
	7	1,2	156-6175	3	CLIP						
	8	1	214-3966	6	NUT (M6X1-MM)						
	9	2	233-7742	1	SCREW (M4X7.5-MM)						
	10	1	234-1373	4	GROMMET-BLIND						
	11	1	245-0072	1	PANEL AS						
		1	242-8829	1	PANEL AS						
J		1	244-9631	23	SEAL (23-DM)						
	12	1	245-2987	1	FILM-IDENTIFICATION (CATERPILLAR)						
	13	1	245-2991	1	FILM-IDENTIFICATION (EMCP 3.2)						
Y	14	1	252-7420	1	FILM GP (USER INTERFACE PANEL)						645
	15	2	263-1738	1	HARNESS AS-CONTROL (EMCP 3.3)						
		2	155-2274	1	KIT-CONNECTING PLUG (6-PIN) (INCLUDES PLUG AS. AND WEDGE)						
		2	160-7689	1	PLUG AS-CONNECTOR (70-PIN)						
		2	159-9322	1	SEAL-O-RING						
		2	162-4171	2	TERMINAL AS (18-GA TO 20-GA) (EACH INCLUDES)						
E		2	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (4-CM)						
		2	174-0503	1	KIT-CONNECTING PLUG (3-PIN) (INCLUDES PLUG AS. AND WEDGE)						
B		2	7K-1181	5	STRAP-CABLE						
E		2	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (75-CM)						
E		2	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (15-CM)						
		2	128-5669	2	TERMINAL (14-GA TO 16-GA WIRE)						
		2	2L-8074	1	TERMINAL (14-GA TO 16-GA, NO. 6 SCREW)						
E		2	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (3-CM)						
		2	2L-8075	1	TERMINAL (14-GA TO 16-GA)						
E		2	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (3-CM)						
		2	133-8753	1	RECEPTACLE AS-CONNECTOR (70-PIN)						
		2	134-2540	1	RECEPTACLE AS-CONNECTOR (3-PIN)						
		2	155-2265	1	KIT-CONNECTING PLUG (8-PIN) (INCLUDES PLUG AS. AND WEDGE)						
		2	155-2271	1	KIT-CONNECTING PLUG (4-PIN) (INCLUDES PLUG AS. AND WEDGE)						
Y	16	2	263-1748	1	WIRING GP-ENGINE						447
Y	17	1	274-8517	1	CONTROL GP-GENERATOR SET (EMCP 3.2)						506
M	18	1,2	5C-2890	3	NUT (M6X1-THD)						
M	19	1,2	5C-9553	3	BOLT (M6X1X16-MM)						
	20	1,2	9X-8256	6	WASHER (6.6X12X2-MM THK)						
E	21	1	3E-6600		SEAL (212-CM)						

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

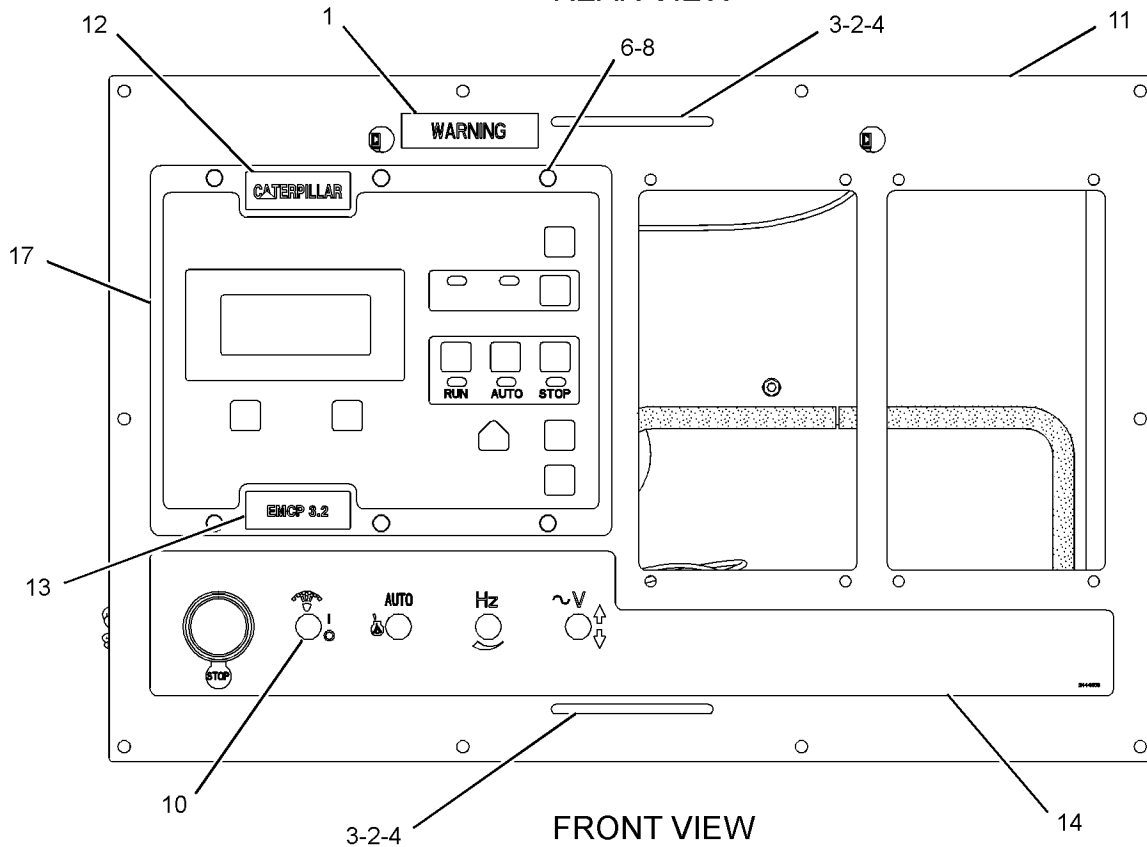
ELECTRICAL AND STARTING SYSTEM

283-0010 CONTROL GP-ELECTRONIC (contd.)

i02423169



REAR VIEW



FRONT VIEW

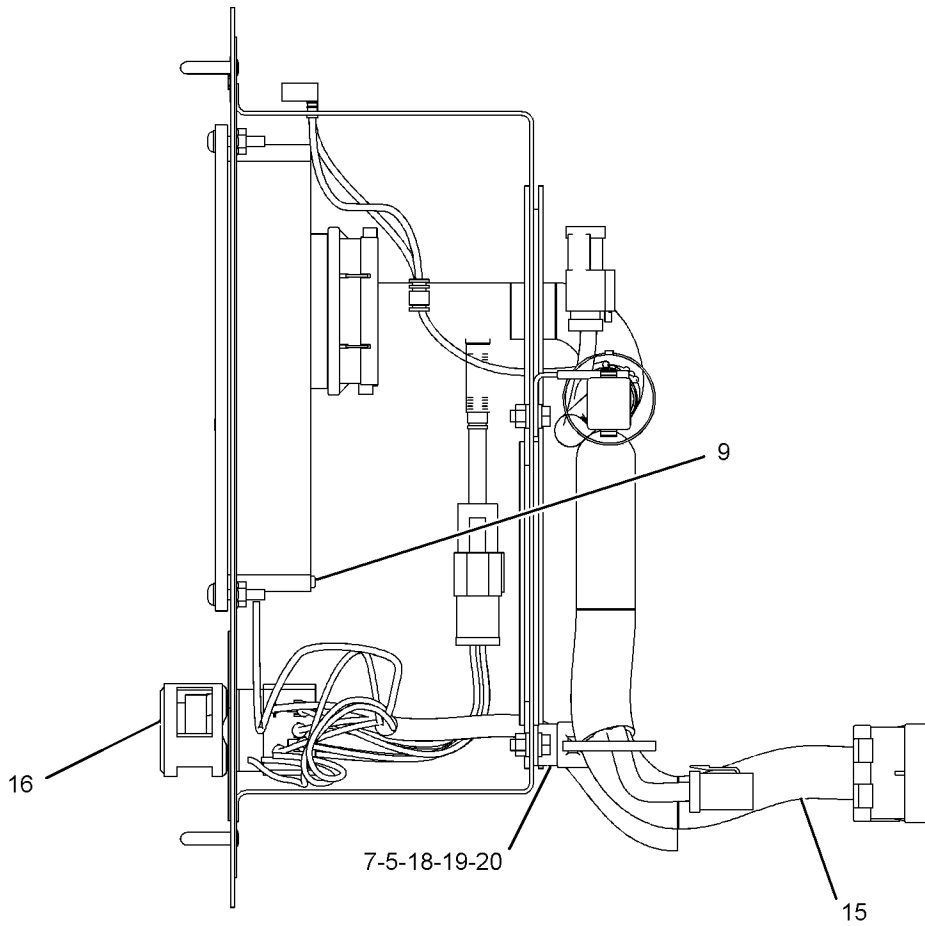
GRAPHIC #1

g01229548

ELECTRICAL AND STARTING SYSTEM

283-0010 CONTROL GP-ELECTRONIC (contd.)

i02423169



LEFT SIDE VIEW

<END>

GRAPHIC #2

g01229550

ELECTRICAL AND STARTING SYSTEM

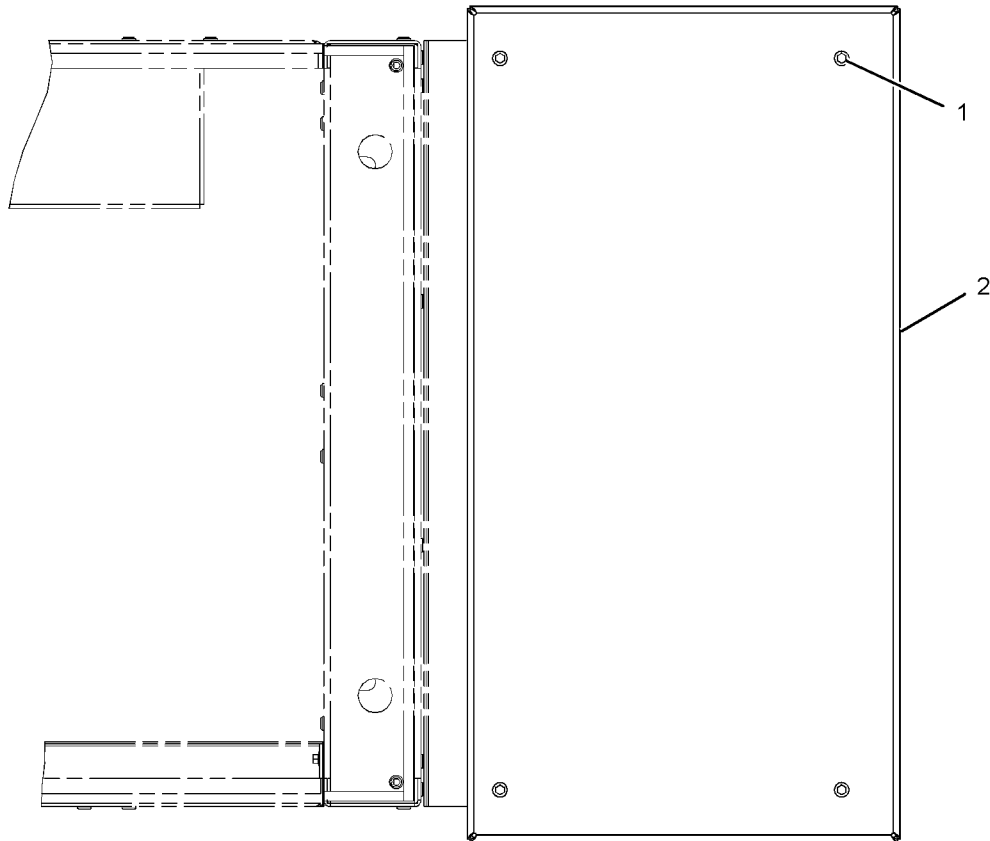
245-0025 COVER GP-EXTENSION BOX-SIDE, TOP

S/N: WYB1-UP
AN ATTACHMENT

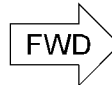
SMCS-4460

i02238838

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	235-4451	4	BOLT-FLANGE HEAD (M6X1X16-MM)						
	2	1	242-8840	1	ROOF (SIDE)						



TOP VIEW



GRAPHIC #1

<END>

g01135218

ELECTRICAL AND STARTING SYSTEM

245-0029 COVER GP-EXTENSION BOX-REAR SHROUD

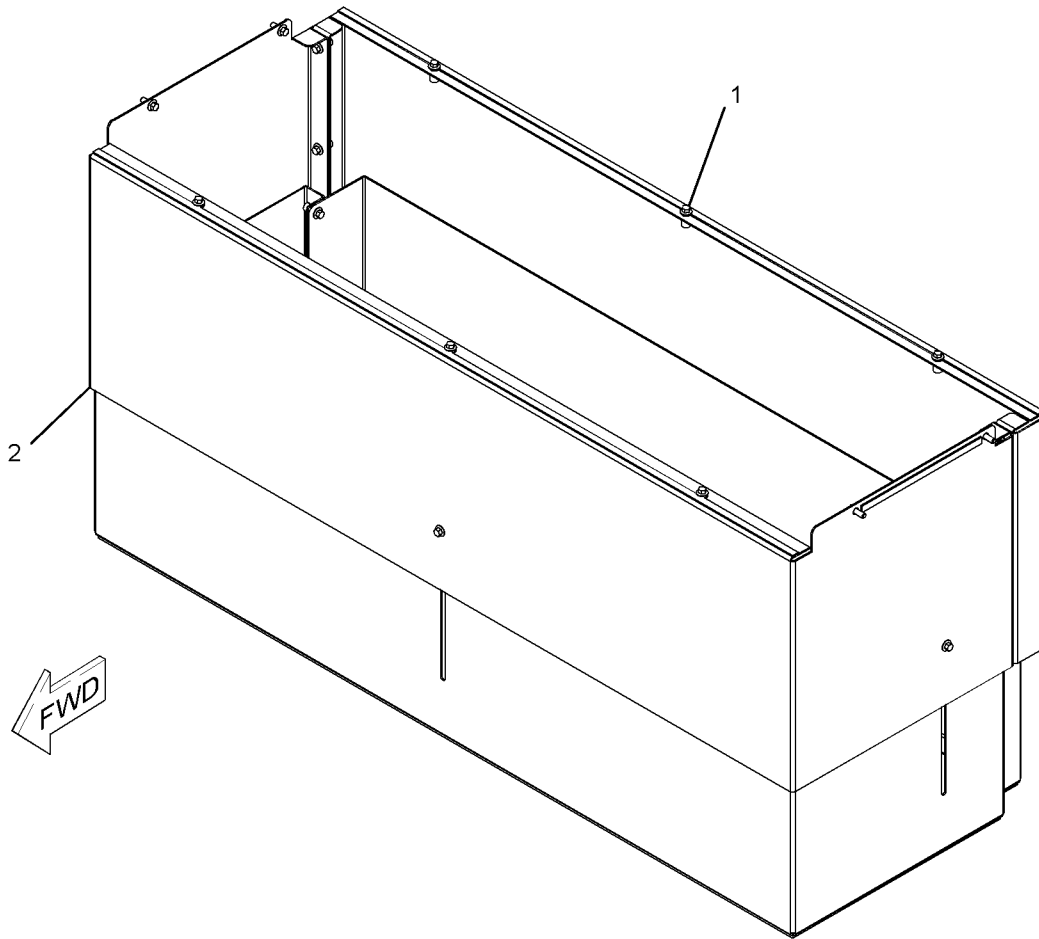
S/N: WYB1-UP
AN ATTACHMENT

SMCS-4460

i02259780

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	235-4451	10	BOLT-FLANGE HEAD (M6X1X16-MM)						
Y	2	1	252-7366	1	BOX AS-EXTENSION (REAR SHROUD)						272

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01137287

ELECTRICAL AND STARTING SYSTEM

245-0096 COVER GP-EXTENSION BOX-BOTTOM, SIDE

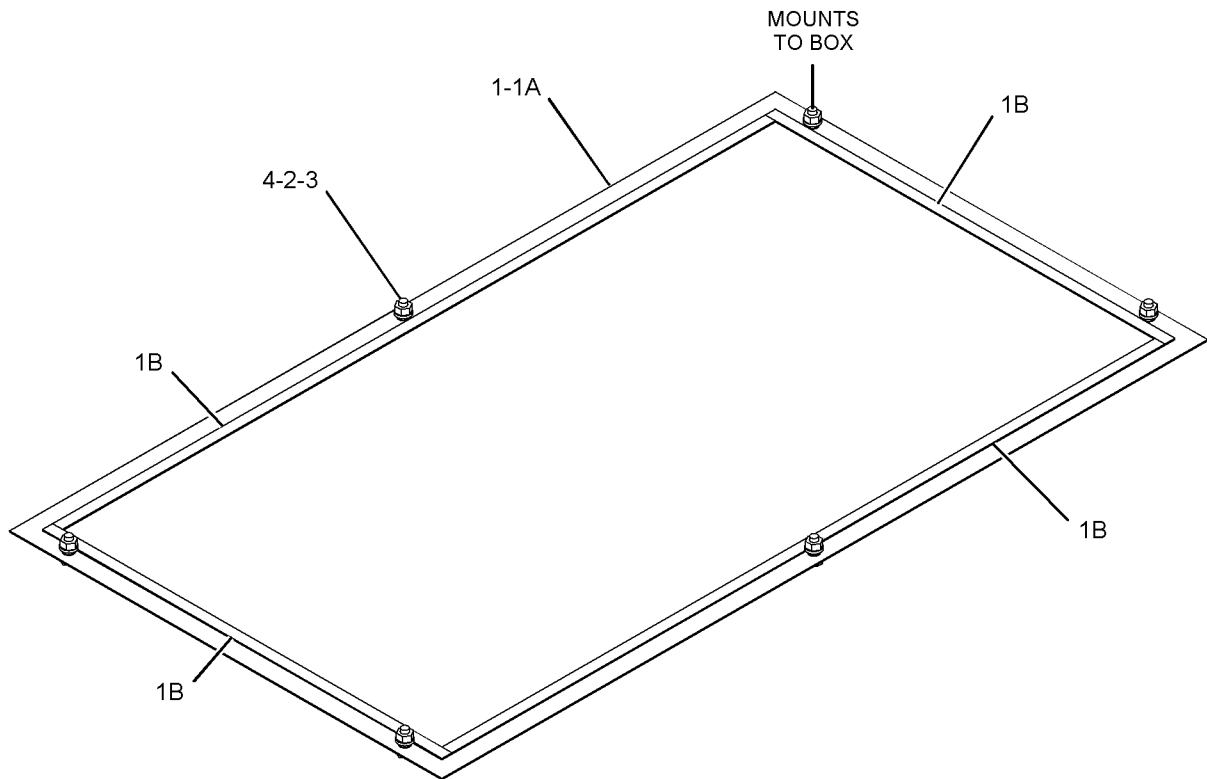
S/N: WYB1-UP
AN ATTACHMENT

SMCS-4460

i02239560

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	252-7351	1	COVER AS						
	1A	1	252-7352	1	PLATE-COVER						
BJ	1B	1	244-9631		SEAL						
M	2	1	5C-2890	6	NUT (M6X1-THD)						
M	3	1	5C-9553	6	BOLT (M6X1X16-MM)						
	4	1	9X-8256	12	WASHER (6.6X12X2-MM THK)						

B-USE AS REQUIRED
J-ORDER BY THE DECIMETER
M-METRIC PART



GRAPHIC #1

<END>

g01140792

ELECTRICAL AND STARTING SYSTEM

259-0151 COVER GP-EXTENSION BOX

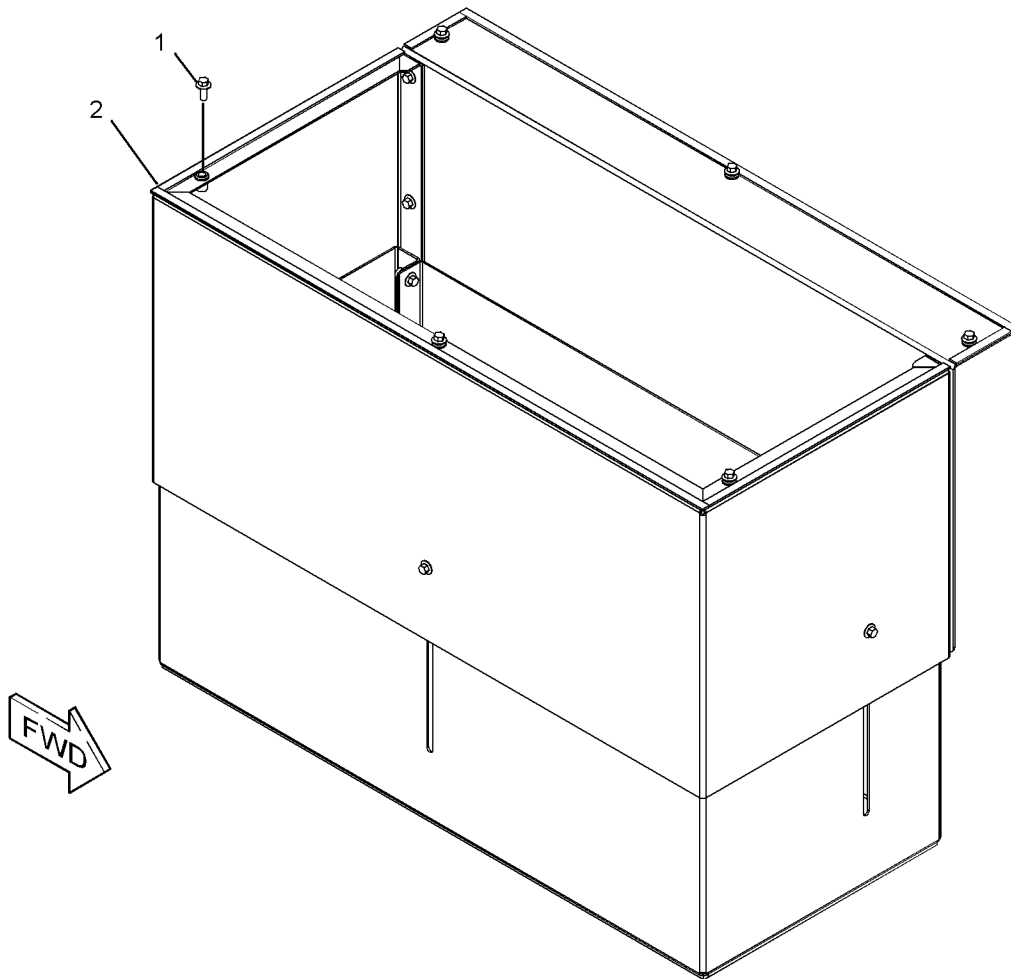
S/N: WYB1-UP
AN ATTACHMENT

SMCS-4460

i02363678

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	235-4451	6	BOLT-FLANGE HEAD (M6X1X16-MM)						
Y	2	1	259-0150	1	BOX AS-EXTENSION (SIDE SHROUD)						273

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01200870

ELECTRICAL AND STARTING SYSTEM

232-4670 COVER GP-MODULE CONNECTOR

S/N: WYB1-UP

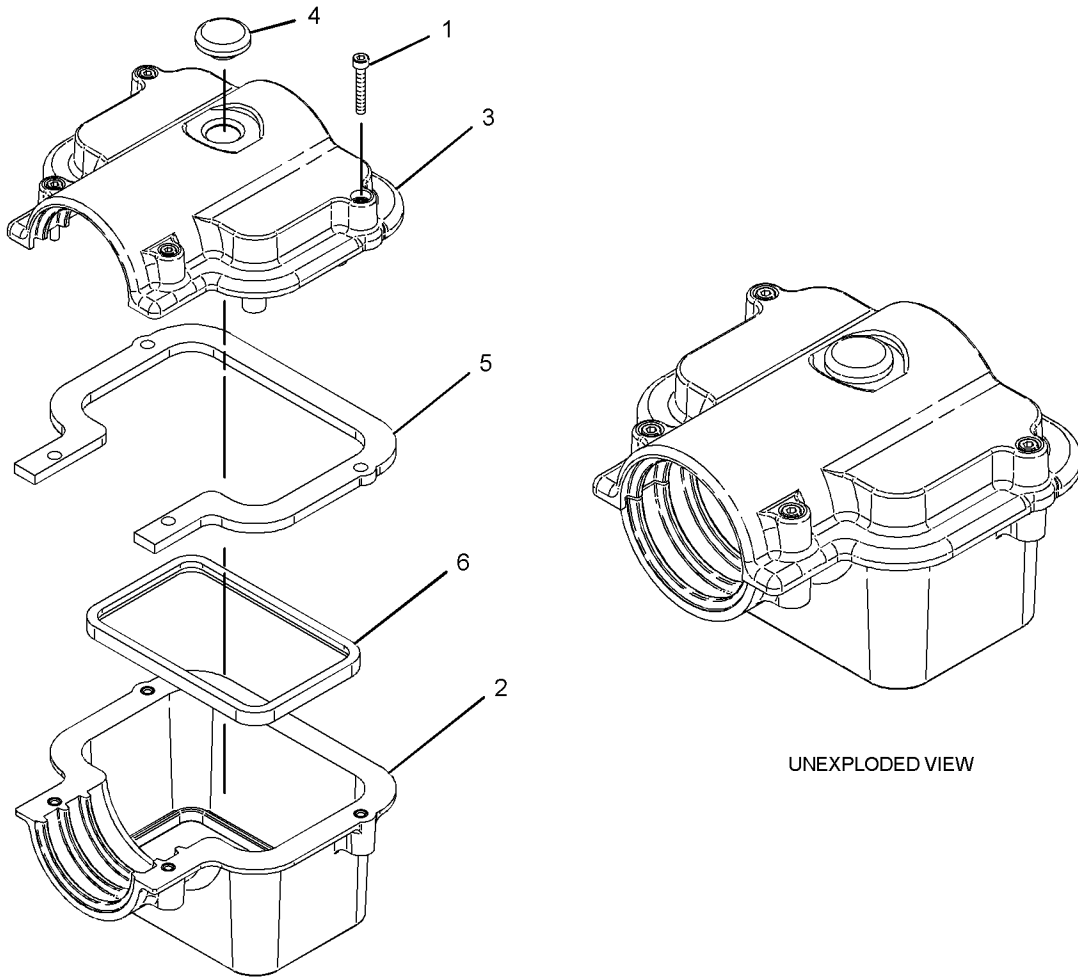
PART OF 263-6594, 263-6595, 285-3995, 285-4005 HARNESS AS-ENGINE
AN ATTACHMENT

SMCS-1901

i02422294

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	8T-9006	4	BOLT-SOCKET HEAD (M3X0.5X20-MM)						
	2	1	232-4671	1	CONNECTOR AS (BOTTOM)						
	3	1	232-4672	1	CONNECTOR AS (TOP)						
	4	1	232-4673	1	PLUG						
	5	1	232-4674	1	SEAL-CONNECTOR						
	6	1	232-4675	1	SEAL-CONNECTOR						

M-METRIC PART



GRAPHIC #1

<END>

g01210314

ELECTRICAL AND STARTING SYSTEM

252-7411 GROUND GP-ELECTRICAL

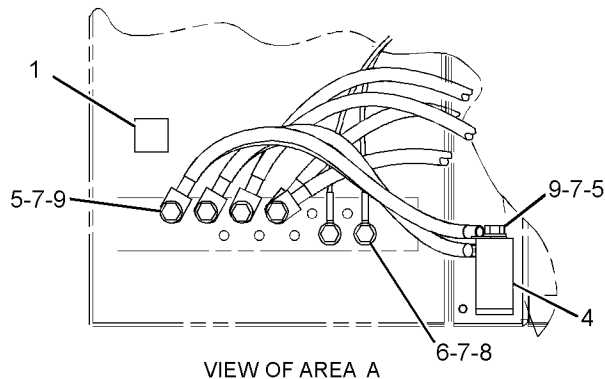
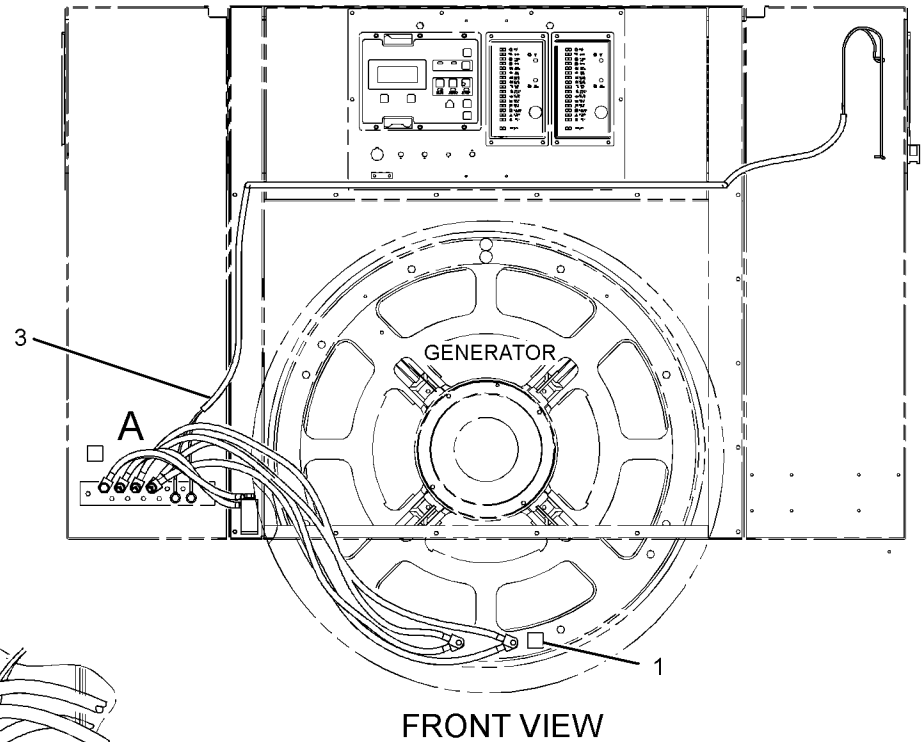
S/N: WYB1-UP
FOR USE WITH LOW VOLTAGE
AN ATTACHMENT

SMCS-1405

i02426418

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7W-9799	2	FILM-INFORMATION (GENERATOR GROUND)						
	2	1	169-0300	8	CABLE AS						
					(EACH INCLUDES)						
		1	5P-2600	2	RING-TERMINAL (FOR 1/2-IN BOLT)						
E		1	188-3111		CABLE (000-GA) (98-CM)						
	3	1	252-7513	1	HARNESS AS-WIRING (GROUND)						
		1	2L-8071	2	TERMINAL (10-GA TO 12-GA, 1/2-IN SCREW)						
		1	113-8961	2	END-WIRE (10-GA)						
	4	1	281-1563	1	BRACKET						
	5	1	6V-8188	6	NUT (1/2-13-THD)						
M	6	1	8T-4139	2	BOLT (M12X1.75X30-MM)						
	7	1	8T-4223	16	WASHER-HARD (13.5X25.5X3-MM THK)						
M	8	1	8T-4244	2	NUT (M12X1.75-THD)						
	9	1	8T-8917	6	BOLT (1/2-13X1.25-IN)						

E-ORDER BY THE CENTIMETER
M-METRIC PART



GRAPHIC #1

<END>

g01234420

ELECTRICAL AND STARTING SYSTEM

263-6524 HARNESS AS-BOX

S/N: WYB1-UP

PART OF 263-6450 BOX GP-CONTROL
AN ATTACHMENT

SMCS-1408

i02438677

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
E	134-6258		CABLE-ELECTRICAL (16-GA) (35-CM)						
E	153-2707		CABLE-ELECTRICAL (19-GA) (417-CM)						
	155-2270	2	KIT-CONNECTING PLUG (2-PIN)						
			INCLUDES PLUG AS AND WEDGE						
	174-0503	2	KIT-CONNECTING PLUG (3-PIN)						
			INCLUDES PLUG AS AND WEDGE						
	155-2260	6	KIT-CONNECTING PLUG (3-PIN)						
			EACH INCLUDES PLUG AS AND WEDGE						
	102-8806	1	KIT-RECEPTACLE (8-PIN)						
			INCLUDES RECEPTACLE AS AND WEDGE						
	9X-6856	14	PIN-CONNECTOR (16-GA TO 18-GA)						
	9X-3401	131	PIN-CONNECTOR (16-GA TO 18-GA)						
	126-1767	22	PIN-CONNECTOR (14-GA)						
	174-3016	2	PLUG AS (3-PIN)						
	230-4013	1	PLUG AS-CONNECTOR (3-PIN)						
	3E-5519	4	PLUG AS-CONNECTOR (5-PIN)						
	160-7689	1	PLUG AS-CONNECTOR (70-PIN)						
	159-9322	1	SEAL-O-RING						
	264-5732	1	PLUG AS-CONNECTOR						
	7G-7917	10	PLUG-SEAL						
	8T-8737	196	PLUG-SEAL						
	9W-1951	1	RECEPTACLE-CONNECTOR (9-PIN)						
	133-0970	2	RECEPTACLE AS (TEE)						
	8N-1515	1	RECEPTACLE AS-CONNECTOR (24-PIN)						
	8N-1522	1	NUT (2-1/4-16-THD)						
	9X-1343	1	RECEPTACLE AS-CONNECTOR (40-PIN)						
	214-4208	3	RECEPTACLE AS-CONNECTOR (70-PIN)						
	9X-3402	115	SOCKET-CONNECTOR (16-GA TO 18-GA)						
	126-1768	10	SOCKET-CONNECTOR (14-GA)						
	9X-1056	28	TERMINAL-RECEPTACLE						
E	8T-6342		TUBE-HEAT SHRINK (3.2-MM DIA) (33-CM)						
E	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (39-CM)						
E	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (85-CM)						
E	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (20-CM)						
	3E-3389	1	WEDGE-RECEPTACLE LOCK						

E-ORDER BY THE CENTIMETER

<END>

ELECTRICAL AND STARTING SYSTEM

285-3963 HARNESS AS-BOX

S/N: WYB1-UP

PART OF 285-3950 BOX GP-CONTROL
AN ATTACHMENT

SMCS-1408

i02498140

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	174-0503	2	KIT-CONNECTING PLUG (3-PIN)						
	155-2260	6	KIT-CONNECTING PLUG (3-PIN)						
			(EACH PLUG KIT INCLUDES PLUG AS, WEDGE, AND SEAL)						
	102-8802	2	KIT-RECEPTACLE (2-PIN)						
	102-8806	1	KIT-RECEPTACLE (8-PIN)						
			(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS AND WEDGE)						
	8N-1537	1	LOCKWASHER						
	9X-6856	14	PIN-CONNECTOR (16-GA TO 18-GA)						
	9X-3401	138	PIN-CONNECTOR (16-GA TO 18-GA)						
	174-3016	2	PLUG AS (3-PIN)						
	220-6141	1	PLUG AS						
	186-3736	2	SOCKET-CONNECTOR (16-GA TO 18-GA)						
	155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
			(INCLUDES PLUG AS, WEDGE, AND SEAL)						
	3E-5519	4	PLUG AS-CONNECTOR (5-PIN)						
	160-7689	1	PLUG AS-CONNECTOR (70-PIN)						
	159-9322	1	SEAL-O-RING						
	230-4013	1	PLUG AS-CONNECTOR (3-PIN)						
	264-5732	1	PLUG AS-CONNECTOR						
	7G-7917	6	PLUG-SEAL						
	8T-8737	191	PLUG-SEAL						
	133-0970	2	RECEPTACLE AS (TEE)						
	8N-1534	1	RECEPTACLE AS-CONNECTOR (20-PIN)						
	8N-1536	1	NUT (1-5/8-18-THD)						
	9X-1343	1	RECEPTACLE AS-CONNECTOR (40-PIN)						
	214-4208	3	RECEPTACLE AS-CONNECTOR (70-PIN)						
	9W-1951	1	RECEPTACLE-CONNECTOR (9-PIN)						
	9X-3402	122	SOCKET-CONNECTOR (16-GA TO 18-GA)						
	9X-1056	5	TERMINAL-RECEPTACLE						
	100-5041	27	TERMINAL-RECEPTACLE						
E	8T-6342		TUBE-HEAT SHRINK (3.2-MM DIA) (30-CM)						
E	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (33-CM)						
E	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (100-CM)						
E	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (10-CM)						
E	125-7876		TUBE-HEAT SHRINK (17.78-MM DIA) (15-CM)						
	3E-3389	1	WEDGE-RECEPTACLE LOCK						

E-ORDER BY THE CENTIMETER

<END>

ELECTRICAL AND STARTING SYSTEM

285-3966 HARNESS AS-CONTROL

S/N: WYB1-UP

PART OF 285-3951 BOX GP-CONTROL
AN ATTACHMENT

SMCS-1408

i02498137

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	155-2265	1	KIT-CONNECTING PLUG (8-PIN)						
			INCLUDES PLUG AS, WEDGE AND SEAL)						
	8N-1523	2	LOCKWASHER						
	9X-6856	40	PIN-CONNECTOR (16-GA TO 18-GA)						
	160-7689	1	PLUG AS-CONNECTOR (70-PIN)						
	159-9322	1	SEAL-O-RING						
	8T-8737	20	PLUG-SEAL						
	7G-7917	8	PLUG-SEAL						
	8N-1515	2	RECEPTACLE AS-CONNECTOR (24-PIN)						
			(EACH INCLUDES)						
	8N-1522	1	NUT (2-1/4-16-THD)						
	9X-3402	58	SOCKET-CONNECTOR (16-GA TO 18-GA)						
	155-2259	1	WEDGE-PLUG LOCK (8-PIN)						

<END>

ELECTRICAL AND STARTING SYSTEM

263-6594 HARNESS AS-ENGINE-LH

S/N: WYB1-UP

PART OF 263-6600, 263-6602 HARNESS AS-ENGINE
AN ATTACHMENT

SMCS-1408

i02440116

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	232-4670	1	COVER GP-MODULE CONNECTOR						351
	237-4357	1	ADAPTER						
E	232-0895		CONDUIT (9.6-MM OD) (982-CM)						
E	240-5877		CONDUIT (12-MM OD) (225-CM)						
E	232-0897		CONDUIT (16.2-MM OD) (297-CM)						
E	231-9897		CONDUIT-FLEXIBLE (36-MM ID) (100-CM)						
	263-6460	14	CONNECTOR						
	263-6462	4	CONNECTOR						
	263-6539	3	CONNECTOR						
	265-2908	1	CONNECTOR						
	263-6465	3	FITTING-ADAPTER						
	155-2270	5	KIT-CONNECTING PLUG (2-PIN)						
	155-2271	8	KIT-CONNECTING PLUG (4-PIN)						
			(EACH INCLUDES PLUG AS AND WEDGE)						
	263-6461	14	NUT (M12X1.5-THD)						
	263-6463	4	NUT (M20X1.5-THD)						
	263-6540	3	NUT (M16X1.5-THD)						
	236-8130	1	NUT (M40-THD)						
	266-9421	8	PLUG AS						
	230-4013	4	PLUG AS-CONNECTOR (3-PIN)						
	160-7689	1	PLUG AS-CONNECTOR (70-PIN)						
	159-9322	1	SEAL-O-RING						
	176-2942	4	PLUG AS-CONNECTOR (2-PIN)						
	230-4011	4	PLUG AS-CONNECTOR (2-PIN)						
	8T-8737	52	PLUG-SEAL						
E	114-8843		SLEEVE-PLASTIC (400-CM)						
	9X-3402	78	SOCKET-CONNECTOR (16-GA TO 18-GA)						
	6K-0806	18	STRAP-CABLE						
	5P-3454	2	TERMINAL						
	9G-4336	1	TERMINAL-RING						
	9G-4343	1	TERMINAL (4-GA)						
E	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (32-CM)						
E	210-8958		TUBE-HEAT SHRINK (24-MM DIA) (60-CM)						
E	125-7876		TUBE-HEAT SHRINK (17.78-MM DIA) (40-CM)						
E	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (7-CM)						
E	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (20-CM)						

E-ORDER BY THE CENTIMETER
Y-SEPARATE ILLUSTRATION

<END>

ELECTRICAL AND STARTING SYSTEM

263-6595 HARNESS AS-ENGINE-RH

S/N: WYB1-UP

PART OF 263-6601, 263-6603 HARNESS AS-ENGINE
AN ATTACHMENT

SMCS-1408

i02440127

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	232-4670	1	COVER GP-MODULE CONNECTOR						351
	237-4356	1	ADAPTER						
E	232-0895		CONDUIT (9.6-MM OD) (1354-CM)						
	232-0897		CONDUIT (16.2-MM OD) (83-CM)						
E	240-5877		CONDUIT (12-MM OD) (78-CM)						
E	231-9897		CONDUIT-FLEXIBLE (36-MM ID) (79-CM)						
	263-6460	21	CONNECTOR						
	263-6462	1	CONNECTOR						
	263-6539	1	CONNECTOR						
	265-2908	1	CONNECTOR						
	237-9058	2	FITTING						
	238-9591	1	FITTING						
	263-6465	1	FITTING-ADAPTER						
	263-6467	1	FITTING-TEE						
	174-0503	3	KIT-CONNECTING PLUG (3-PIN)						
	155-2270	4	KIT-CONNECTING PLUG (2-PIN)						
	155-2271	8	KIT-CONNECTING PLUG (4-PIN)						
	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
	155-2256	1	KIT-CONNECTING PLUG (12-PIN)						
			(EACH INCLUDES PLUG AS AND WEDGE)						
	236-8130	1	NUT (M40-THD)						
	263-6461	21	NUT (M12X1.5-THD)						
	263-6463	1	NUT (M20X1.5-THD)						
	263-6540	1	NUT (M16X1.5-THD)						
	174-3016	1	PLUG AS (3-PIN)						
	230-4013	8	PLUG AS-CONNECTOR (3-PIN)						
	266-9421	8	PLUG AS						
	160-7689	1	PLUG AS-CONNECTOR (70-PIN)						
	176-2942	4	PLUG AS-CONNECTOR (2-PIN)						
	230-4011	4	PLUG AS-CONNECTOR (2-PIN)						
	8T-8737	58	PLUG-SEAL						
	133-0970	1	RECEPTACLE AS (TEE)						
	9X-3402	110	SOCKET-CONNECTOR (16-GA TO 18-GA)						
	6K-0806	20	STRAP-CABLE						
E	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (20-CM)						
E	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (20-CM)						
E	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (52-CM)						
E	210-8958		TUBE-HEAT SHRINK (24-MM DIA) (42-CM)						
E	8T-6342		TUBE-HEAT SHRINK (3.2-MM DIA) (10-CM)						
J	097-7404		TUBE-HEAT SHRINK (19.1-MM DIA) (1-DM)						
E	125-7876		TUBE-HEAT SHRINK (17.78-MM DIA) (70-CM)						
	155-2258	2	WEDGE-PLUG LOCK (12-PIN)						
	155-2266	1	WEDGE-PLUG LOCK (3-PIN)						

E-ORDER BY THE CENTIMETER
J-ORDER BY THE DECIMETER
Y-SEPARATE ILLUSTRATION

<END>

ELECTRICAL AND STARTING SYSTEM

263-6600 HARNESS AS-ENGINE-LH

S/N: WYB1-UP

PART OF 263-6612 WIRING GP-ENGINE
AN ATTACHMENT

SMCS-1408

i02440115

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	263-6582	1	PLUG GP-TRAY						
		1	263-6468	8	PLUG-BUTTON						
		1	263-6726	1	PLUG-SEAL						
	2	1	263-6584	1	PLUG GP-TRAY						
		1	263-6468	8	PLUG-BUTTON						
		1	183-3192	1	SEAL AS (CONDUIT HOLE)						
Y	3	1	263-6594	1	HARNESS AS-ENGINE (LH)						356
Y	4	1	263-6598	1	TRAY GP-SUPPORT						444
M	5	1	5C-2890	2	NUT (M6X1-THD)						
M	6	1	5C-9553	2	BOLT (M6X1X16-MM)						
	7	1	5P-4115	2	WASHER-HARD (7.2X19X2-MM THK)						
	8	1	9X-8256	2	WASHER (6.6X12X2-MM THK)						

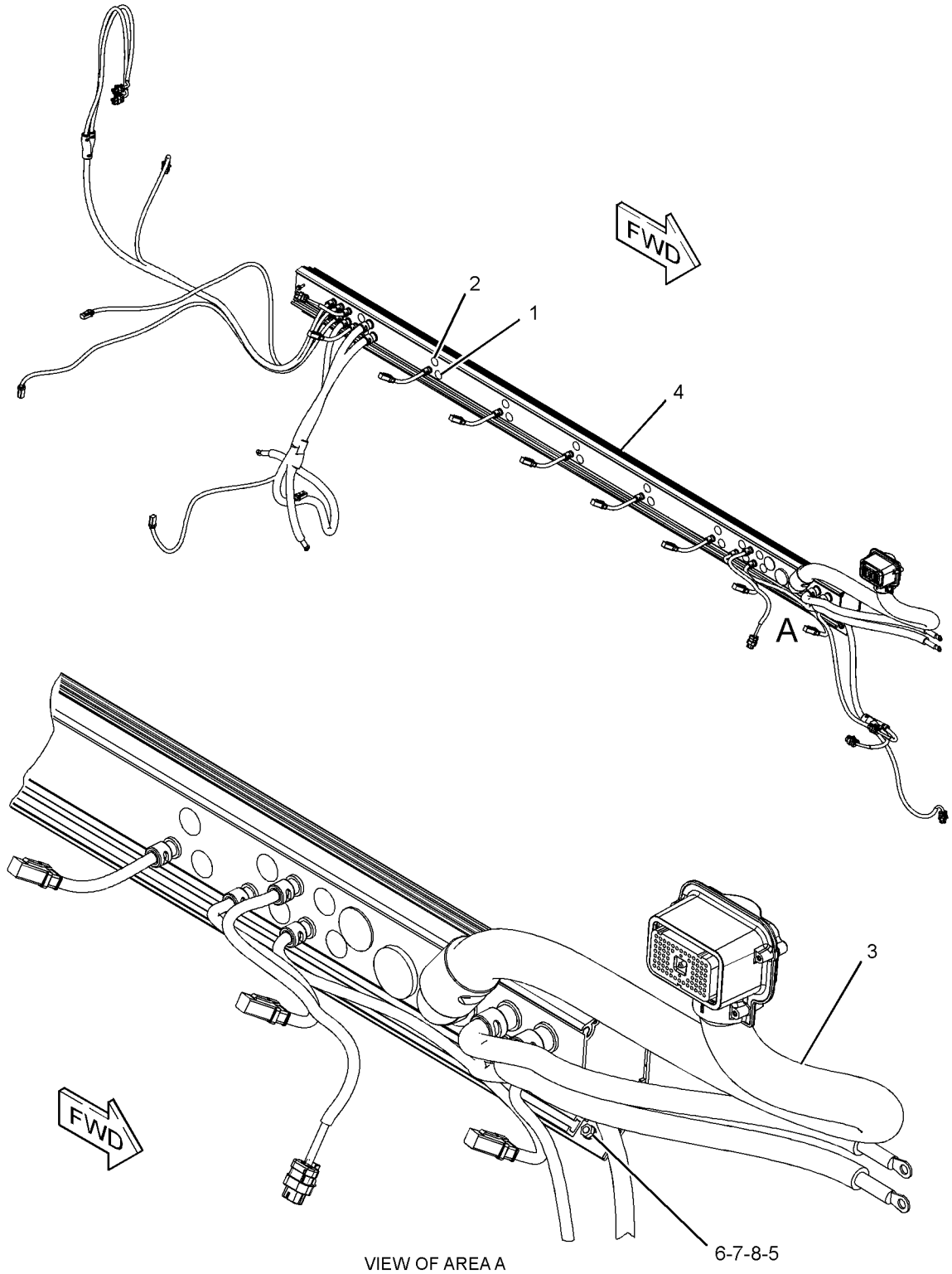
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

263-6600 HARNESS AS-ENGINE (contd.)

i02440115



GRAPHIC #1

<END>

g01222762

ELECTRICAL AND STARTING SYSTEM

263-6601 HARNESS AS-ENGINE-RH

S/N: WYB1-UP

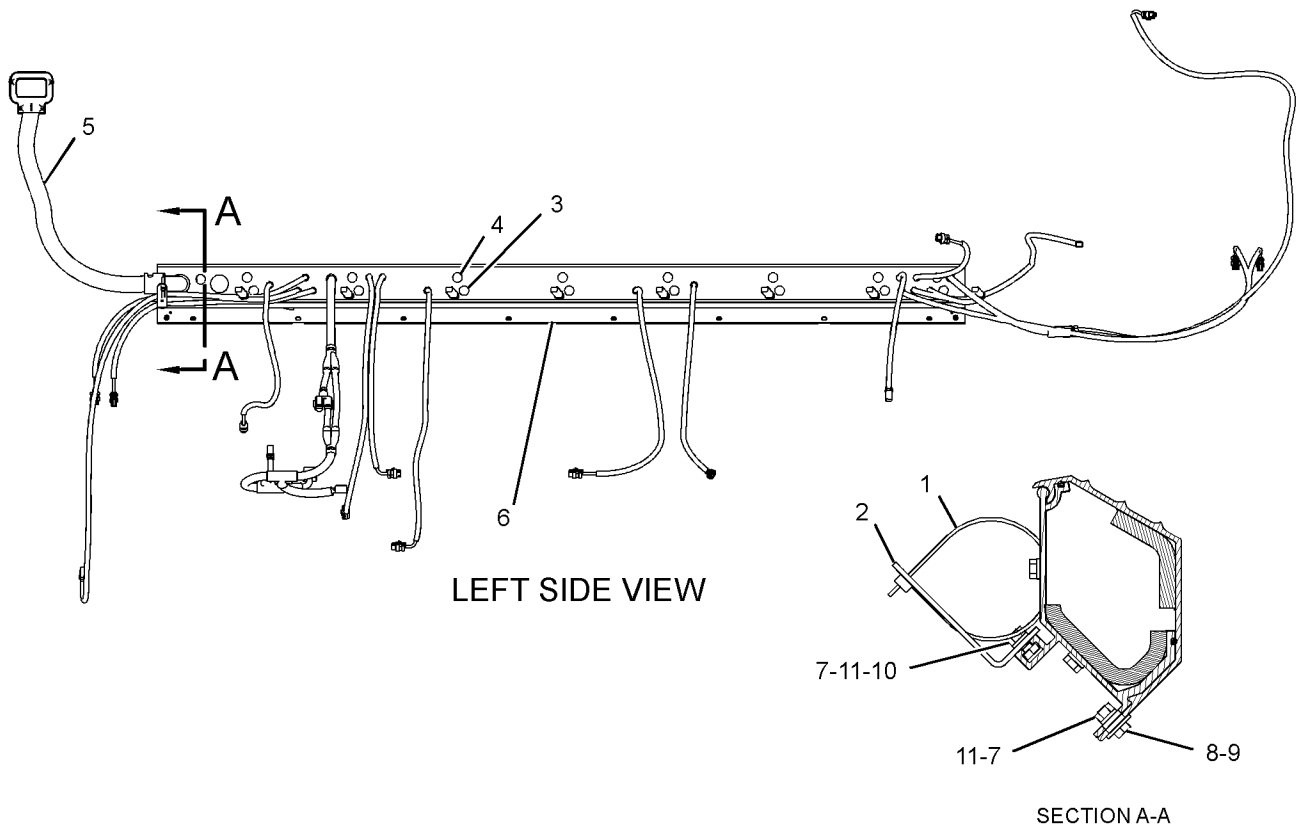
PART OF 263-6613 WIRING GP-ENGINE
AN ATTACHMENT

SMCS-1408

i02440119

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7K-1181	1	STRAP-CABLE						
	2	1	263-6559	1	BRACKET						
	3	1	263-6583	1	PLUG GP-TRAY						
		1	263-6468	8	PLUG-BUTTON						
		1	263-6726	1	PLUG-SEAL						
	4	1	263-6585	1	PLUG GP-TRAY						
		1	263-6468	8	PLUG-BUTTON						
		1	183-3192	1	SEAL AS (CONDUIT HOLE)						
Y	5	1	263-6595	1	HARNESS AS-ENGINE (RH)						357
Y	6	1	263-6599	1	TRAY GP-SUPPORT						445
M	7	1	5C-2890	3	NUT (M6X1-THD)						
M	8	1	5C-9553	2	BOLT (M6X1X16-MM)						
	9	1	5P-4115	2	WASHER-HARD (7.2X19X2-MM THK)						
M	10	1	8T-4970	1	BOLT (M6X1X14-MM)						
	11	1	9X-8256	3	WASHER (6.6X12X2-MM THK)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01221092

ELECTRICAL AND STARTING SYSTEM

263-6602 HARNESS AS-ENGINE-LH

S/N: WYB1-UP

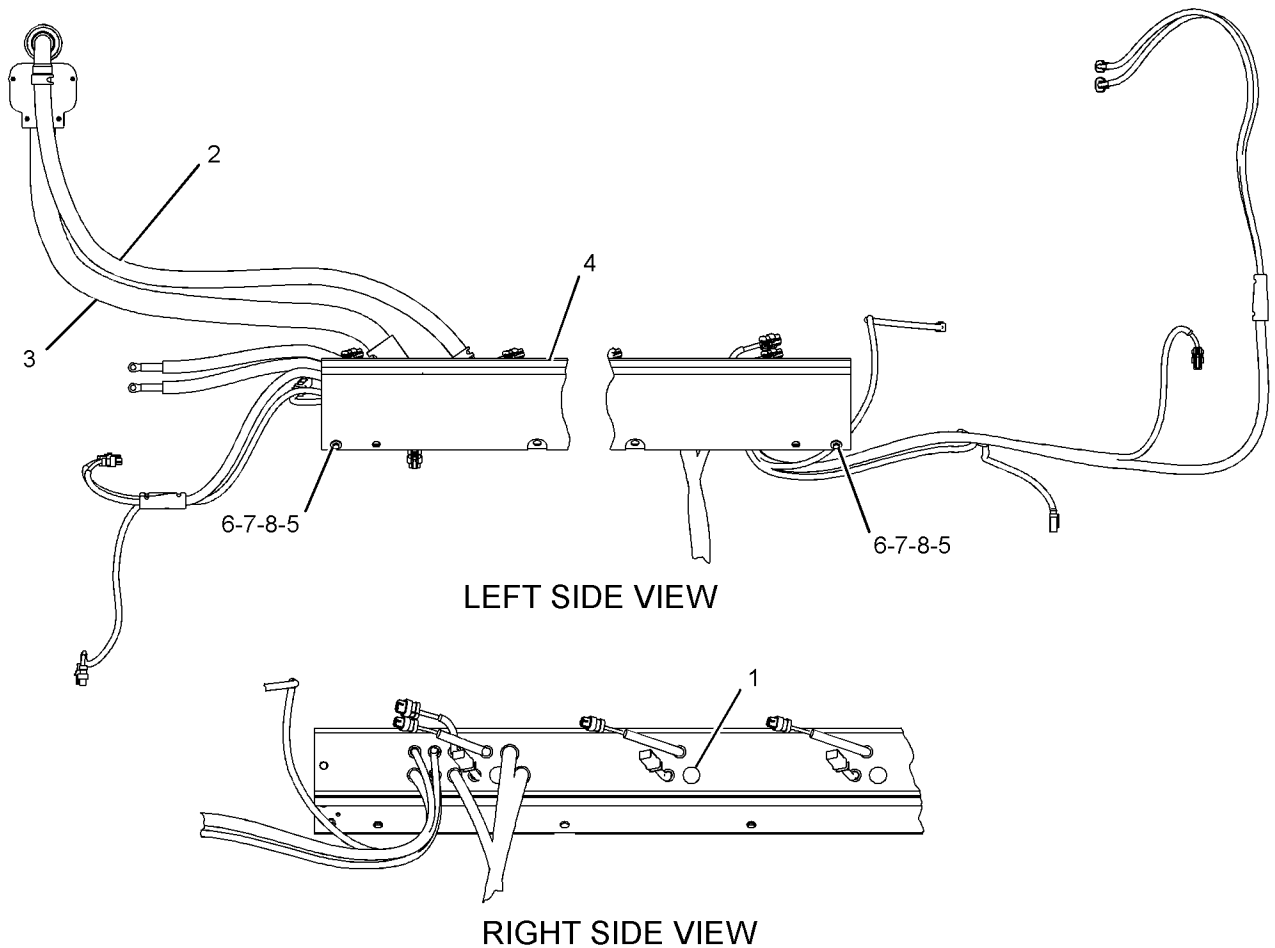
PART OF 263-6614 WIRING GP-ENGINE
AN ATTACHMENT

SMCS-1408

i02440135

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	263-6582	1	PLUG GP-TRAY						
		1	263-6468	8	PLUG-BUTTON						
		1	263-6726	1	PLUG-SEAL						
Y	2	1	263-6590	1	HARNESS AS-SENSOR (THERMOCOUPLE, LH)						379
Y	3	1	263-6594	1	HARNESS AS-ENGINE (LH)						356
Y	4	1	263-6598	1	TRAY GP-SUPPORT						444
M	5	1	5C-2890	2	NUT (M6X1-THD)						
M	6	1	5C-9553	2	BOLT (M6X1X16-MM)						
	7	1	5P-4115	2	WASHER-HARD (7.2X19X2-MM THK)						
	8	1	9X-8256	2	WASHER (6.6X12X2-MM THK)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01221005

ELECTRICAL AND STARTING SYSTEM

263-6603 HARNESS AS-ENGINE-RH

S/N: WYB1-UP

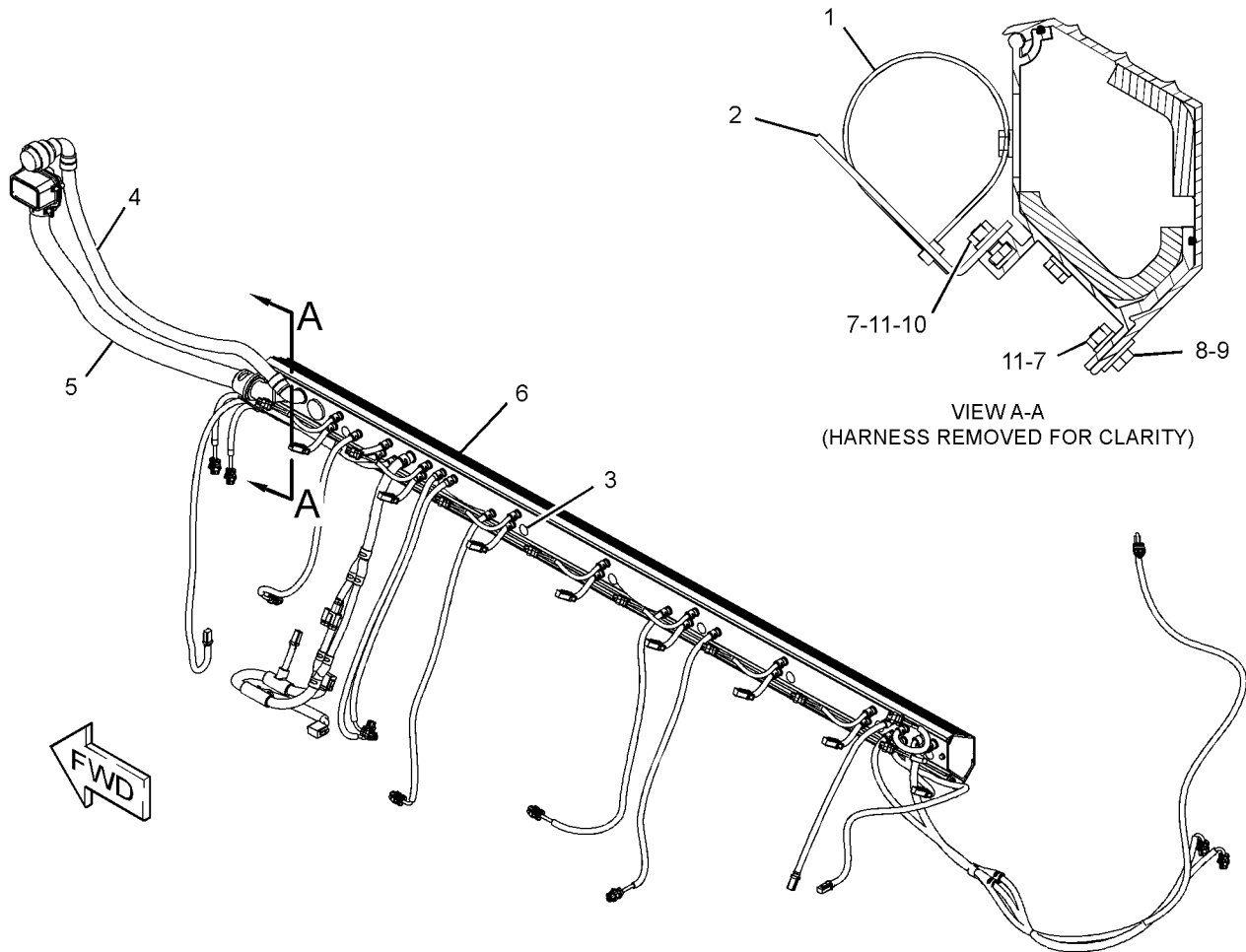
PART OF 263-6615 WIRING GP-ENGINE
AN ATTACHMENT

SMCS-1408

i02440591

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7K-1181	1	STRAP - CABLE						
	2	1	263-6559	1	BRACKET						
	3	1	263-6583	1	PLUG GP-TRAY						
		1	263-6468	8	PLUG-BUTTON						
		1	263-6726	1	PLUG-SEAL						
Y	4	1	263-6591	1	HARNESS AS-SENSOR (THERMOCOUPLE, RH)						380
Y	5	1	263-6595	1	HARNESS AS-ENGINE (RH)						357
Y	6	1	263-6599	1	TRAY GP-SUPPORT						445
M	7	1	5C-2890	3	NUT (M6X1-THD)						
M	8	1	5C-9553	2	BOLT (M6X1X16-MM)						
	9	1	5P-4115	2	WASHER-HARD (7.2X19X2-MM THK)						
M	10	1	8T-4970	1	BOLT (M6X1X14-MM)						
	11	1	9X-8256	3	WASHER (6.6X12X2-MM THK)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01221002

ELECTRICAL AND STARTING SYSTEM

263-6734 HARNESS AS-ENGINE-POWER DISTRIBUTION

S/N: WYB1-UP

PART OF 263-6733 WIRING GP-ENGINE
AN ATTACHMENT

SMCS-1408

i02440585

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	126-1774	1	COVER						
	196-2383	1	KIT-PLUG (8-PIN)						
	196-2384	1	KIT-PLUG (8-PIN)						
	196-2385	1	KIT-PLUG (8-PIN)						
	196-2386	1	KIT-PLUG (8-PIN)						
	242-6114	1	KIT-PLUG (8-PIN)						
	242-6118	1	KIT-PLUG (8-PIN)						
	242-6116	1	KIT-PLUG (8-PIN)						
	242-6120	1	KIT-PLUG (8-PIN)						
			(EACH INCLUDES PLUG ASSEMBLY, TERMINAL ASSEMBLIES, AND LOCK)						
	160-7689	1	PLUG AS-CONNECTOR (70-PIN)						
	159-9322	1	SEAL-O-RING						
	7R-2751	38	PLUG-CONNECTOR						
	8T-8737	44	PLUG-SEAL						
	9X-3402	8	SOCKET-CONNECTOR (16-GA TO 18-GA)						
	9X-6772	2	STRAP-CABLE						
	196-2413	18	TERMINAL AS						
			(EACH INCLUDES)						
	128-4123	1	SEAL						
	196-2412	8	TERMINAL AS						
			(EACH INCLUDES)						
	7R-2750	1	SEAL-CONNECTOR						

<END>

ELECTRICAL AND STARTING SYSTEM

285-3992 HARNESS AS-ENGINE

S/N: WYB1-UP

PART OF 285-3991 WIRING GP-ENGINE
AN ATTACHMENT

SMCS-1408

i02498138

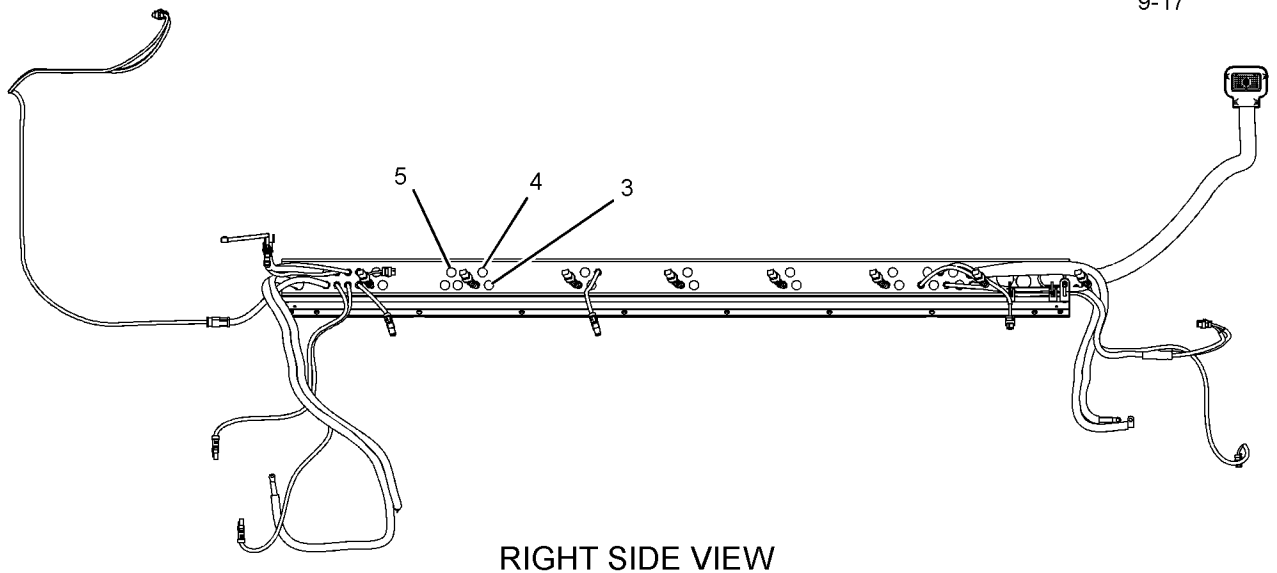
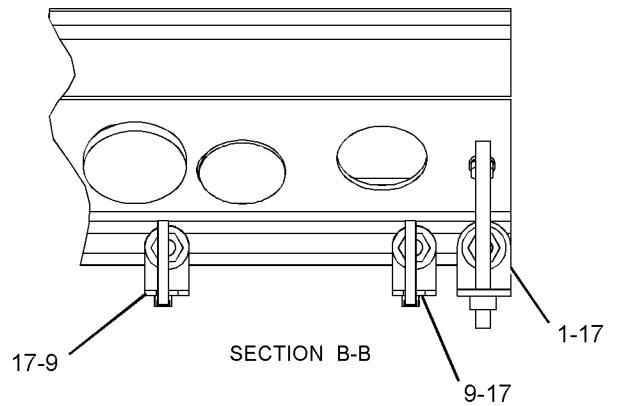
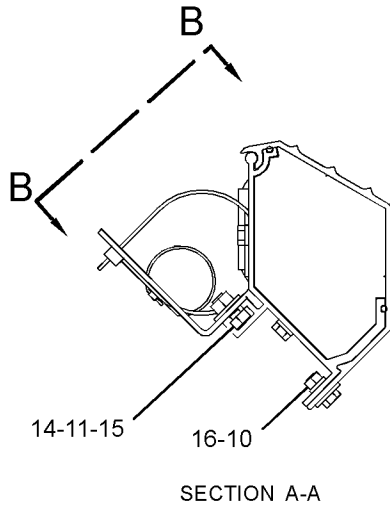
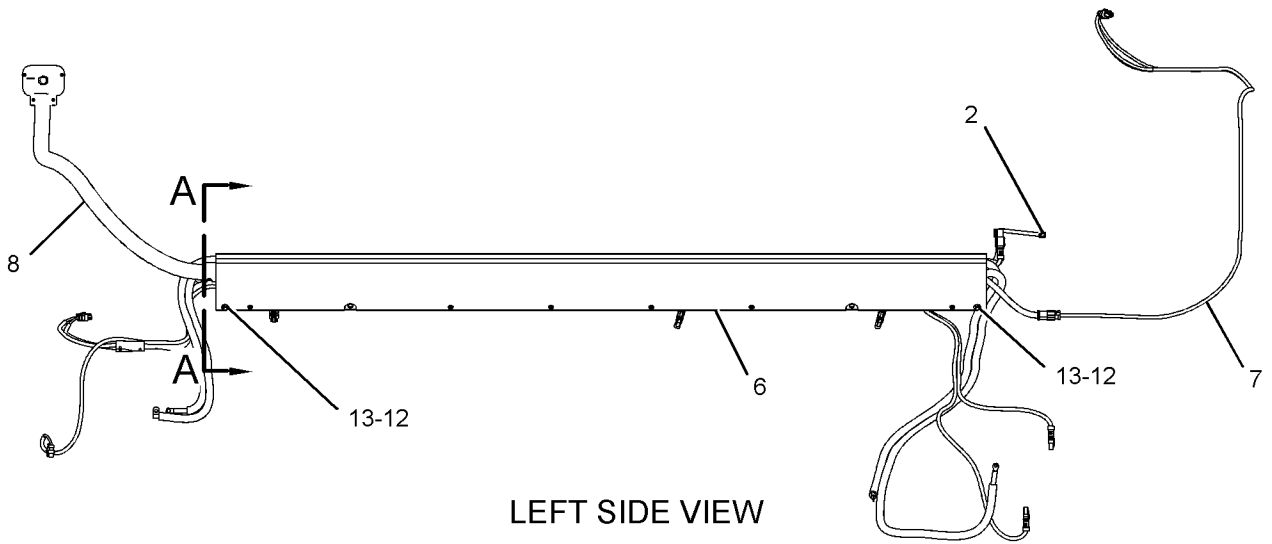
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	263-6559	1	BRACKET						
	2	1	263-6571	1	HARNESS AS-WIRING (JUMPER)						
D		1	6V-2722		TUBE-HEAT SHRINK (25.4-MM DIA) (.1-M)						
		1	9X-3402	4	SOCKET-CONNECTOR (16-GA TO 18-GA)						
		1	155-2270	2	KIT-CONNECTING PLUG (2-PIN)						
		1	176-2943	2	KIT-PLUG (2-PIN)						
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE, AND SEAL)						
	3	1	263-6582	1	PLUG GP-TRAY						
		1	263-6468	8	PLUG-BUTTON						
		1	263-6726	1	PLUG-SEAL						
	4	1	263-6584	1	PLUG GP-TRAY						
		1	263-6468	8	PLUG-BUTTON						
		1	183-3192	1	SEAL AS (CONDUIT HOLE)						
	5	1	263-6586	1	PLUG GP-TRAY						
		1	263-6468	2	PLUG-BUTTON						
Y	6	1	263-6598	1	TRAY GP-SUPPORT						444
	7	1	278-7302	1	HARNESS AS-SENSOR (TURBOCHARGER)						
E		1	8T-6342		TUBE-HEAT SHRINK (3.2-MM DIA) (39-CM)						
		1	8T-8737	1	PLUG-SEAL						
		1	9X-3402	13	SOCKET-CONNECTOR (16-GA TO 18-GA)						
E		1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (10-CM)						
		1	155-2263	1	WEDGE-PLUG LOCK (6-PIN)						
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)						
					(INCLUDES PLUG AS, WEDGE, AND SEAL)						
		1	230-4011	1	PLUG AS-CONNECTOR (2-PIN)						
		1	230-4013	2	PLUG AS-CONNECTOR (3-PIN)						
Y	8	1	285-3995	1	HARNESS AS-ENGINE (LH)						368
	9	1	132-5789	2	CLIP						
M	10	1	5C-2890	2	NUT (M6X1-THD)						
M	11	1	5C-7261	3	NUT (M8X1.25-THD)						
M	12	1	5C-9553	2	BOLT (M6X1X16-MM)						
	13	1	5P-4115	2	WASHER-HARD (7.2X19X2-MM THK)						
	14	1	5P-4116	3	WASHER-HARD (8.8X20.5X2-MM THK)						
M	15	1	8T-4200	3	BOLT (M8X1.25X16-MM)						
	16	1	9X-8256	2	WASHER (6.6X12X2-MM THK)						
	17	1	7K-1181	3	STRAP-CABLE						

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

ELECTRICAL AND STARTING SYSTEM

285-3992 HARNESS AS-ENGINE (contd.)

i02498138



GRAPHIC #1

<END>

g01253761

ELECTRICAL AND STARTING SYSTEM

285-3994 HARNESS AS-ENGINE-LH

S/N: WYB1-UP

PART OF 285-3993 WIRING GP-ENGINE
FOR USE WITH THERMOCOUPLE OPTION
AN ATTACHMENT

SMCS-1408

i02498133

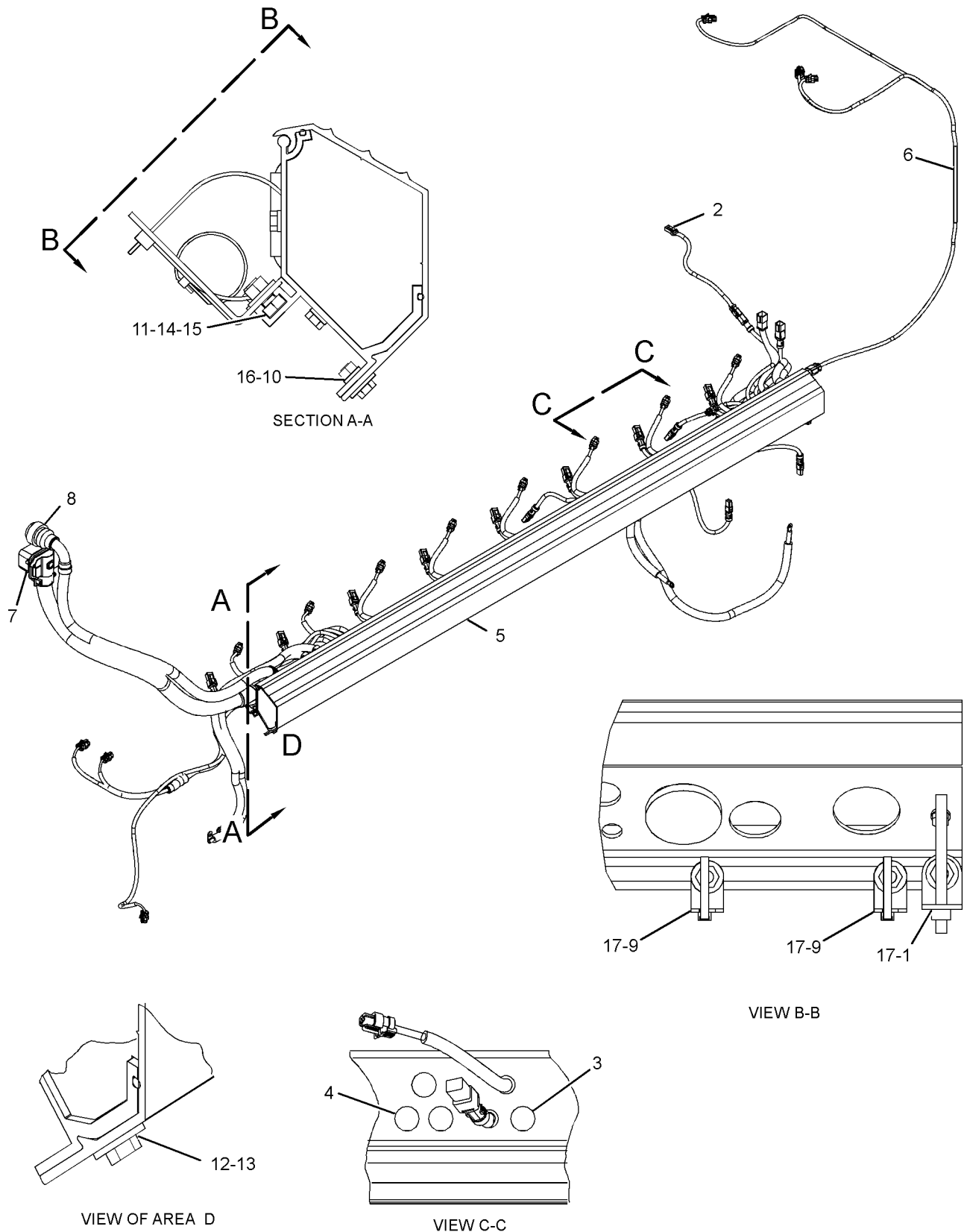
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	263-6559	1	BRACKET						
	2	1	263-6571	1	HARNESS AS-WIRING (JUMPER)						
D			6V-2722		TUBE-HEAT SHRINK (25.4-MM DIA) (.1-M)						
		1	9X-3402	4	SOCKET-CONNECTOR (16-GA TO 18-GA)						
			155-2270	2	KIT-CONNECTING PLUG (2-PIN)						
			176-2943	2	KIT-PLUG (2-PIN)						
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE AND SEAL)						
	3	1	263-6582	1	PLUG GP-TRAY						
	4	1	263-6586	1	PLUG GP-TRAY						
Y	5	1	263-6598	1	TRAY GP-SUPPORT						444
	6	1	278-7302	1	HARNESS AS-SENSOR (TURBOCHARGER)						
E		1	8T-6342		TUBE-HEAT SHRINK (3.2-MM DIA) (39-CM)						
		1	8T-8737	1	PLUG-SEAL						
		1	9X-3402	13	SOCKET-CONNECTOR (16-GA TO 18-GA)						
E		1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (10-CM)						
		1	155-2263	1	WEDGE-PLUG LOCK (6-PIN)						
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN)						
					(INCLUDES PLUG AS, WEDGE, AND SEAL)						
		1	230-4011	1	PLUG AS-CONNECTOR (2-PIN)						
		1	230-4013	2	PLUG AS-CONNECTOR (3-PIN)						
Y	7	1	285-3995	1	HARNESS AS-ENGINE (LH)						368
Y	8	1	285-3996	1	HARNESS AS-SENSOR (THERMOCOUPLE, LH)						381
	9	1	132-5789	2	CLIP						
M	10	1	5C-2890	2	NUT (M6X1-THD)						
M	11	1	5C-7261	3	NUT (M8X1.25-THD)						
M	12	1	5C-9553	2	BOLT (M6X1X16-MM)						
	13	1	5P-4115	2	WASHER-HARD (7.2X19X2-MM THK)						
	14	1	5P-4116	3	WASHER-HARD (8.8X20.5X2-MM THK)						
M	15	1	8T-4200	3	BOLT (M8X1.25X16-MM)						
	16	1	9X-8256	2	WASHER (6.6X12X2-MM THK)						
	17	1	7K-1181	3	STRAP-CABLE						

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

ELECTRICAL AND STARTING SYSTEM

285 - 3994 HARNESS AS-ENGINE (contd.)

i02498133



GRAPHIC #1

<END>

g01253915

ELECTRICAL AND STARTING SYSTEM

285-3995 HARNESS AS-ENGINE-LH

S/N: WYB1-UP

PART OF 285-3992, 285-3994 HARNESS AS-ENGINE
AN ATTACHMENT

SMCS-1408

i02500336

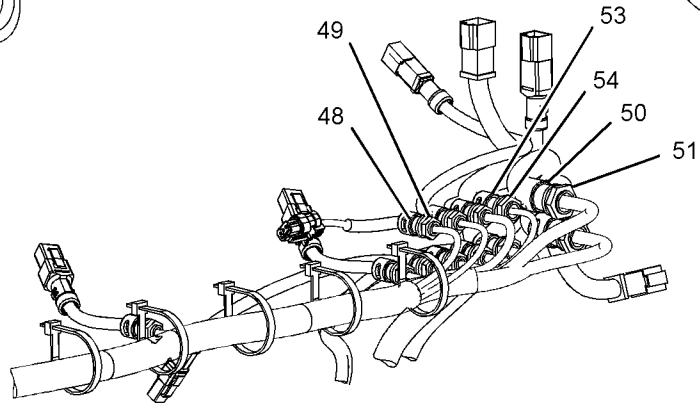
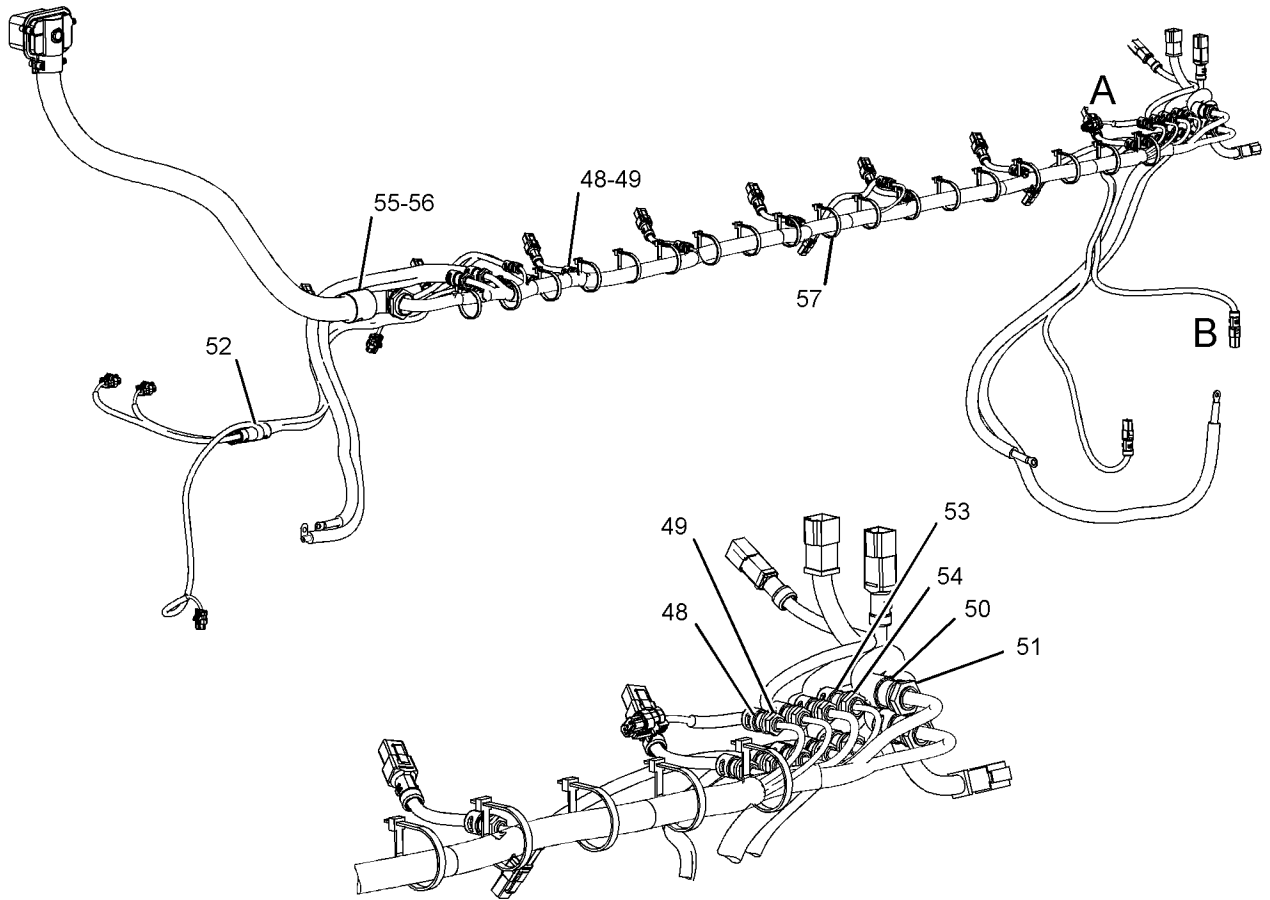
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
E	17	1	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (43-CM)						
E	38	1	125-7876		TUBE-HEAT SHRINK (17.78-MM DIA) (25-CM)						
	41	1	143-5167	1	TUBE						
	48	1	263-6460	17	CONNECTOR						
	49	1	263-6461	17	NUT (M12X1.5-THD)						
	50	1	263-6462	4	CONNECTOR						
	51	1	263-6463	4	NUT (M20X1.5-THD)						
	52	1	263-6465	1	FITTING-ADAPTER						
	53	1	263-6539	3	CONNECTOR						
	54	1	263-6540	3	NUT (M16X1.5-THD)						
	55	1	265-2908	1	CONNECTOR						
	56	1	236-8130	1	NUT (M40-THD)						
	57	1	6K-0806	18	STRAP-CABLE						
E	58	1	210-8958		TUBE-HEAT SHRINK (24-MM DIA) (12-CM)						
FY			232-4670	1	COVER GP-MODULE CONNECTOR						351
F			237-4357	1	ADAPTER						
EF			134-6258		CABLE-ELECTRICAL (16-GA) (409-CM)						
EF			240-5877		CONDUIT (12-MM OD) (138-CM)						
EF			232-0895		CONDUIT (9.6-MM OD) (659-CM)						
EF			232-0897		CONDUIT (16.2-MM OD) (444-CM)						
EF			231-9897		CONDUIT-FLEXIBLE (36-MM ID) (98-CM)						
F			155-2270	4	KIT-CONNECTING PLUG (2-PIN)						
F			155-2271	8	KIT-CONNECTING PLUG (4-PIN)						
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE, AND SEAL)						
F			102-8802	2	KIT-RECEPTACLE (2-PIN)						
F			102-8805	2	KIT-RECEPTACLE (6-PIN)						
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AS AND WEDGE)						
F			9X-3401	13	PIN-CONNECTOR (16-GA TO 18-GA)						
F			230-4013	3	PLUG AS-CONNECTOR (3-PIN)						
F			160-7689	1	PLUG AS-CONNECTOR (70-PIN)						
F			159-9322	1	SEAL-O-RING						
F			230-4011	2	PLUG AS-CONNECTOR (2-PIN)						
F			276-7614	4	PLUG GP-CONNECTOR						
F			276-7616	8	PLUG GP-CONNECTOR						
F			8T-8737	52	PLUG-SEAL						
F			276-7615	1	RECEPTACLE AS						
F			276-7613	1	RECEPTACLE AS-CONNECTOR						
F			9X-3402	76	SOCKET-CONNECTOR (16-GA TO 18-GA)						
F			9G-4343	1	TERMINAL (4-GA)						
F			5P-3454	1	TERMINAL						
F			283-6447	1	TERMINAL-RING						
F			9G-4336	1	TERMINAL-RING						
EF			119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (7-CM)						
EF			125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (5-CM)						
F			3E-3377	1	WEDGE-RECEPTACLE LOCK (4-PIN)						
F			3E-3383	2	WEDGE-RECEPTACLE LOCK (6-PIN)						
DF			5P-5677		WIRE (18-GA, BLACK) (93.3-M)						
DF			6V-2369		WIRE (04-GA, BLACK) (8.6-M)						
DF			5P-5623		WIRE-ELECTRICAL (16-GA, BLACK) (30.7-M)						

D-ORDER BY THE METER
E-ORDER BY THE CENTIMETER
F-NOT SHOWN
Y-SEPARATE ILLUSTRATION

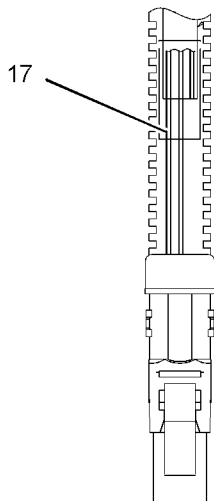
ELECTRICAL AND STARTING SYSTEM

285-3995 HARNESS AS-ENGINE (contd.)

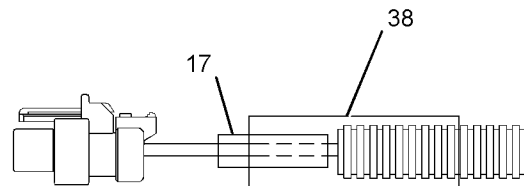
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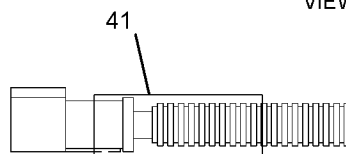
VIEW OF AREA A



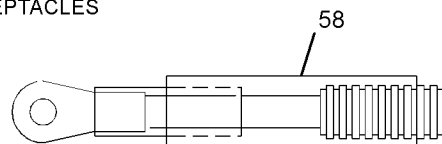
VIEW OF AREA B



VIEW OF AMP CONNECTORS



VIEW OF 6 PIN DT RECEPTACLES



VIEW OF RING TERMINALS

GRAPHIC #1

<END>

g01253409

ELECTRICAL AND STARTING SYSTEM

285-4002 HARNESS AS-ENGINE

S/N: WYB1-UP

PART OF 285-4001 WIRING GP-ENGINE
AN ATTACHMENT

SMCS-1408

i02498135

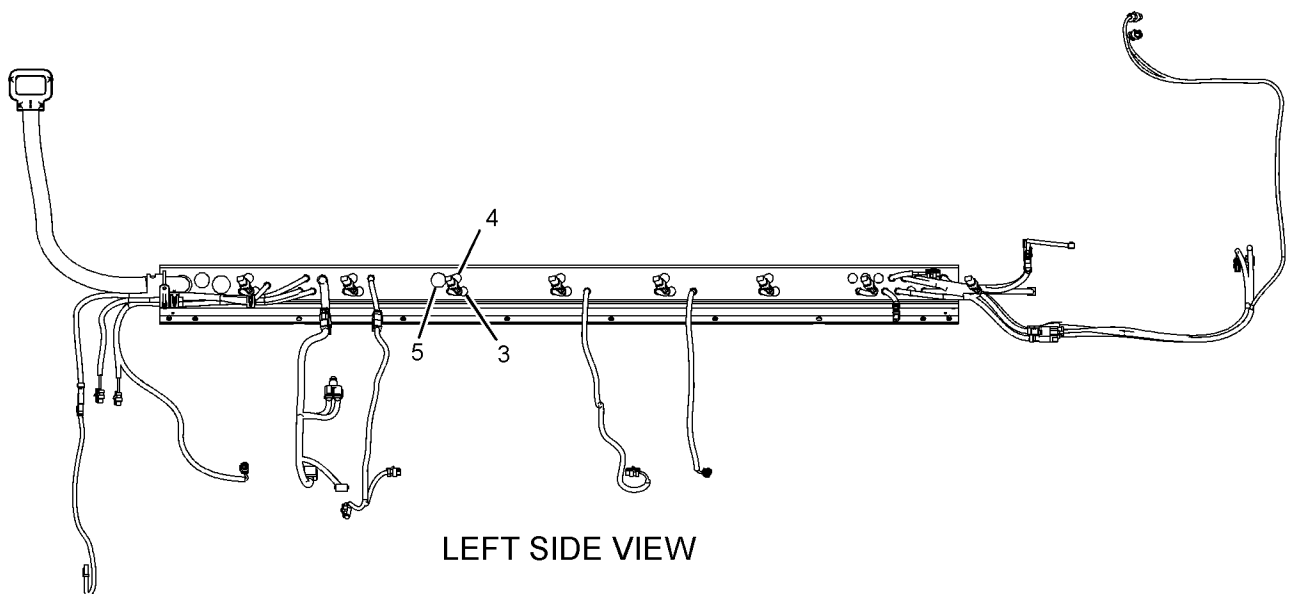
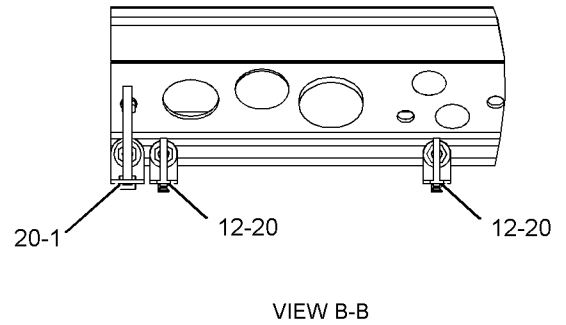
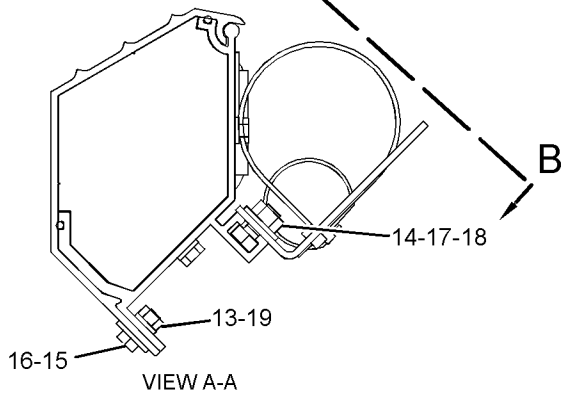
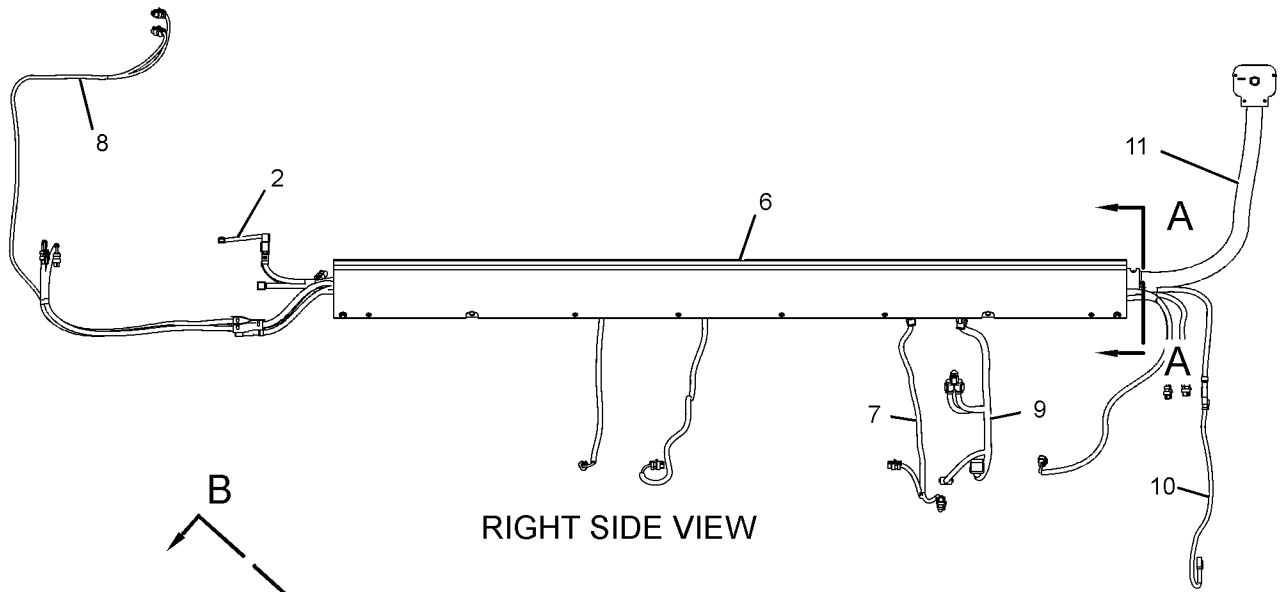
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	263-6559	1	BRACKET						
	2	1	263-6571	1	HARNESS AS-WIRING (JUMPER)						
D		1	6V-2722		TUBE-HEAT SHRINK (25.4-MM DIA) (.1-M)						
		1	9X-3402	4	SOCKET-CONNECTOR (16-GA TO 18-GA)						
		1	155-2270	2	KIT-CONNECTING PLUG (2-PIN)						
		1	176-2943	2	KIT-PLUG (2-PIN)						
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE, AND SEAL)						
	3	1	263-6583	1	PLUG GP-TRAY						
		1	263-6468	8	PLUG-BUTTON						
		1	263-6726	1	PLUG-SEAL						
4		1	263-6585	1	PLUG GP-TRAY						
		1	263-6468	8	PLUG-BUTTON						
		1	183-3192	1	SEAL AS (CONDUIT HOLE)						
5		1	263-6587	1	PLUG GP-TRAY						
		1	263-6468	1	PLUG-BUTTON						
		1	183-3192	1	SEAL AS (CONDUIT HOLE)						
Y	6	1	263-6599	1	TRAY GP-SUPPORT						445
	7	1	278-7294	1	HARNESS AS-SENSOR						
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		1	3E-3383	1	WEDGE-RECEPTACLE LOCK (6-PIN)						
		1	8T-8737	2	PLUG-SEAL						
		1	9X-3401	4	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	9X-3402	5	SOCKET-CONNECTOR (16-GA TO 18-GA)						
E		1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (5-CM)						
		1	230-4011	1	PLUG AS-CONNECTOR (2-PIN)						
		1	230-4013	1	PLUG AS-CONNECTOR (3-PIN)						
8	1	278-7301	1	HARNESS AS-SENSOR							
E		1	8T-6342		TUBE-HEAT SHRINK (3.2-MM DIA) (30-CM)						
		1	9X-3402	10	SOCKET-CONNECTOR (16-GA TO 18-GA)						
E		1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (10-CM)						
		1	155-2271	1	KIT-CONNECTING PLUG (4-PIN)						
					(INCLUDES PLUG AS, WEDGE, AND SEAL)						
		1	230-4013	2	PLUG AS-CONNECTOR (3-PIN)						
Y	9	1	278-7341	1	HARNESS AS-WIRING						384
	10	1	278-7342	1	HARNESS AS-WIRING						
		1	9X-3402	2	SOCKET-CONNECTOR (16-GA TO 18-GA)						
		1	126-1768	2	SOCKET-CONNECTOR (14-GA)						
		1	155-2270	2	KIT-CONNECTING PLUG (2-PIN)						
					(EACH INCLUDES PLUG AS, WEDGE, AND SEAL)						
Y	11	1	285-4005	1	HARNESS AS-ENGINE						374
	12	1	132-5789	2	CLIP						
M	13	1	5C-2890	2	NUT (M6X1-THD)						
M	14	1	5C-7261	3	NUT (M8X1.25-THD)						
M	15	1	5C-9553	2	BOLT (M6X1X16-MM)						
	16	1	5P-4115	2	WASHER-HARD (7.2X19X2-MM THK)						
	17	1	5P-4116	3	WASHER-HARD (8.8X20.5X2-MM THK)						
M	18	1	8T-4200	3	BOLT (M8X1.25X16-MM)						
	19	1	9X-8256	2	WASHER (6.6X12X2-MM THK)						
	20	1	7K-1181	3	STRAP-CABLE						

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

ELECTRICAL AND STARTING SYSTEM

285-4002 HARNESS AS-ENGINE (contd.)

i02498135



GRAPHIC #1

<END>

g01254989

ELECTRICAL AND STARTING SYSTEM

285-4004 HARNESS AS-ENGINE

S/N: WYB1-UP

PART OF 285-4003 WIRING GP-ENGINE
AN ATTACHMENT

SMCS-1408

i02498132

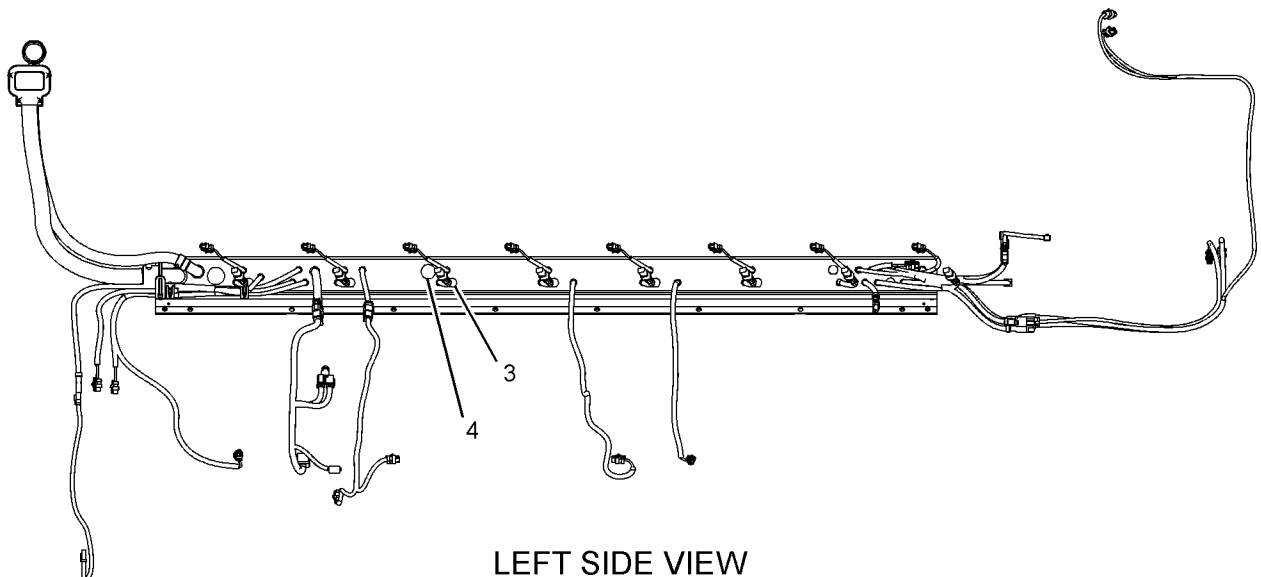
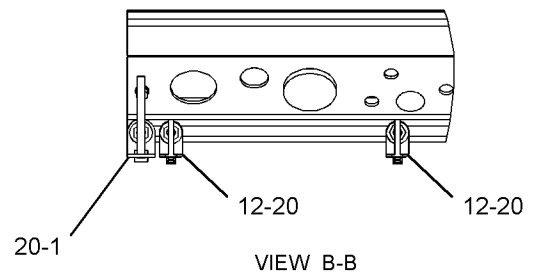
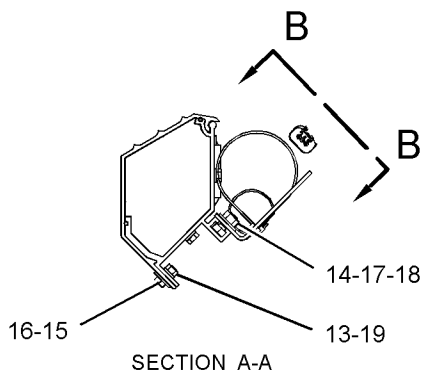
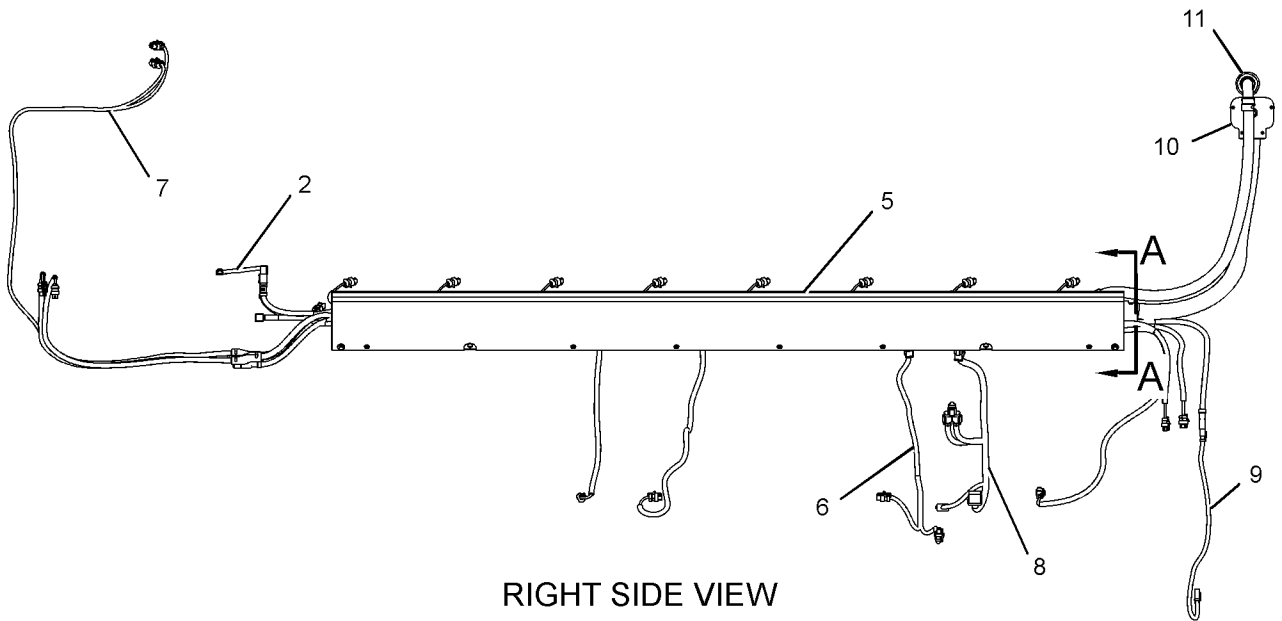
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	263-6559	1	BRACKET						
	2	1	263-6571	1	HARNESS AS-WIRING (JUMPER)						
D		1	6V-2722		TUBE-HEAT SHRINK (25.4-MM DIA) (.1-M)						
		1	9X-3402	4	SOCKET-CONNECTOR (16-GA TO 18-GA)						
		1	155-2270	2	KIT-CONNECTING PLUG (2-PIN)						
		1	176-2943	2	KIT-PLUG (2-PIN)						
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE, AND SEAL)						
	3	1	263-6583	1	PLUG GP-TRAY						
		1	263-6468	8	PLUG-BUTTON						
		1	263-6726	1	PLUG-SEAL						
	4	1	263-6587	1	PLUG GP-TRAY						
		1	263-6468	1	PLUG-BUTTON						
		1	183-3192	1	SEAL AS (CONDUIT HOLE)						
Y	5	1	263-6599	1	TRAY GP-SUPPORT						445
	6	1	278-7294	1	HARNESS AS-SENSOR						
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
		1	3E-3383	1	WEDGE-RECEPTACLE LOCK (6-PIN)						
		1	8T-8737	2	PLUG-SEAL						
		1	9X-3401	4	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	9X-3402	5	SOCKET-CONNECTOR (16-GA TO 18-GA)						
E		1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (5-CM)						
		1	230-4011	1	PLUG AS-CONNECTOR (2-PIN)						
		1	230-4013	1	PLUG AS-CONNECTOR (3-PIN)						
	7	1	278-7301	1	HARNESS AS-SENSOR						
E		1	8T-6342		TUBE-HEAT SHRINK (3.2-MM DIA) (30-CM)						
		1	9X-3402	10	SOCKET-CONNECTOR (16-GA TO 18-GA)						
E		1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (10-CM)						
		1	155-2271	2	KIT-CONNECTING PLUG (4-PIN)						
					(INCLUDES PLUG AS, WEDGE, AND SEAL)						
		1	230-4013	2	PLUG AS-CONNECTOR (3-PIN)						
Y	8	1	278-7341	1	HARNESS AS-WIRING						384
	9	1	278-7342	1	HARNESS AS-WIRING						
		1	9X-3402	2	SOCKET-CONNECTOR (16-GA TO 18-GA)						
		1	126-1768	2	SOCKET-CONNECTOR (14-GA)						
		1	155-2270	4	KIT-CONNECTING PLUG (2-PIN)						
					(EACH INLCUDES PLUG AS, WEDGE, AND SEAL)						
Y	10	1	285-4005	1	HARNESS AS-ENGINE						374
Y	11	1	285-4006	1	HARNESS AS-SENSOR (THERMOCOUPLE, RH)						382
	12	1	132-5789	2	CLIP						
M	13	1	5C-2890	2	NUT (M6X1-THD)						
M	14	1	5C-7261	3	NUT (M8X1.25-THD)						
M	15	1	5C-9553	2	BOLT (M6X1X16-MM)						
	16	1	5P-4115	2	WASHER-HARD (7.2X19X2-MM THK)						
	17	1	5P-4116	3	WASHER-HARD (8.8X20.5X2-MM THK)						
M	18	1	8T-4200	3	BOLT (M8X1.25X16-MM)						
	19	1	9X-8256	2	WASHER (6.6X12X2-MM THK)						
	20	1	7K-1181	3	STRAP-CABLE						

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

ELECTRICAL AND STARTING SYSTEM

285-4004 HARNESS AS-ENGINE (contd.)

i02498132



GRAPHIC #1

<END>

g01253723

ELECTRICAL AND STARTING SYSTEM

285-4005 HARNESS AS-ENGINE

S/N: WYB1-UP

PART OF 285-4002, 285-4004 HARNESS AS-ENGINE
AN ATTACHMENT

SMCS-1408

i02500333

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
E	23	1	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (44-CM)						
E	36	1	8T-6342		TUBE-HEAT SHRINK (3.2-MM DIA) (5-CM)						
H	37	1	097-7404		TUBE-HEAT SHRINK (19.1-MM DIA) (1-DM)						
E	39	1	125-7876		TUBE-HEAT SHRINK (17.78-MM DIA) (45-CM)						
	46	1	143-5162	1	TUBE						
	53	1	263-6465	1	FITTING-ADAPTER						
	54	1	263-6462	1	CONNECTOR						
	55	1	263-6463	1	NUT (M20X1.5-THD)						
	56	1	263-6460	22	CONNECTOR						
	57	1	263-6461	22	NUT (M12X1.5-THD)						
	58	1	263-6539	1	CONNECTOR						
	59	1	263-6540	1	NUT (M16X1.5-THD)						
	60	1	6K-0806	20	STRAP-CABLE						
	61	1	265-2908	1	CONNECTOR						
	62	1	236-8130	1	NUT (M40-THD)						
FY			232-4670	1	COVER GP-MODULE CONNECTOR						351
F			237-4356	1	ADAPTER						
EF			153-2707		CABLE-ELECTRICAL (19-GA) (165-CM)						
EF			232-0895		CONDUIT (9.6-MM OD) (1020-CM)						
EF			232-0897		CONDUIT (16.2-MM OD) (18-CM)						
EF			240-5877		CONDUIT (12-MM OD) (35-CM)						
EF			231-9897		CONDUIT-FLEXIBLE (36-MM ID) (81-CM)						
F			155-2270	1	KIT-CONNECTING PLUG (2-PIN)						
F			155-2271	8	KIT-CONNECTING PLUG (4-PIN)						
F			155-2274	1	KIT-CONNECTING PLUG (6-PIN)						
F			282-9886	1	KIT-PLUG						
					(EACH PLUG KIT INCLUDES PLUG AS, WEDGE, AND SEAL)						
F			102-8802	3	KIT-RECEPTACLE (2-PIN)						
F			102-8805	1432	KIT-RECEPTACLE (6-PIN)						
					(EACH RECEPTACLE KIT INCLUDES RECEPTACLE AND WEDGE)						
F			9X-3401	15	PIN-CONNECTOR (16-GA TO 18-GA)						
F			160-7689	1	PLUG AS-CONNECTOR (70-PIN)						
F			159-9322	1	SEAL-O-RING						
F			230-4011	3	PLUG AS-CONNECTOR (2-PIN)						
F			230-4013	5	PLUG AS-CONNECTOR (3-PIN)						
F			276-7614	1	PLUG GP-CONNECTOR						
F			276-7616	8	PLUG GP-CONNECTOR						
F			8T-8737	51	PLUG-SEAL						
F			276-7615	2	RECEPTACLE AS						
F			276-7613	3	RECEPTACLE AS-CONNECTOR						
F			9X-3402	95	SOCKET-CONNECTOR (16-GA TO 18-GA)						
F			126-1768	1	SOCKET-CONNECTOR (14-GA)						
F			143-5167	2	TUBE						
EF			119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (20-CM)						
EF			125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (5-CM)						
F			155-2258	1	WEDGE-PLUG LOCK (12-PIN)						
F			155-2263	1	WEDGE-PLUG LOCK (6-PIN)						
F			3E-3377	2	WEDGE-RECEPTACLE LOCK (4-PIN)						
F			3E-3383	1	WEDGE-RECEPTACLE LOCK (6-PIN)						
DF			5P-5624		WIRE (14-GA, BLACK) (2.4-M)						
DF			5P-5677		WIRE (18-GA, BLACK) (108.4-M)						
DF			5P-5623		WIRE-ELECTRICAL (16-GA, BLACK) (37.9-M)						

ELECTRICAL AND STARTING SYSTEM

285-4005 HARNESS AS-ENGINE (contd.)

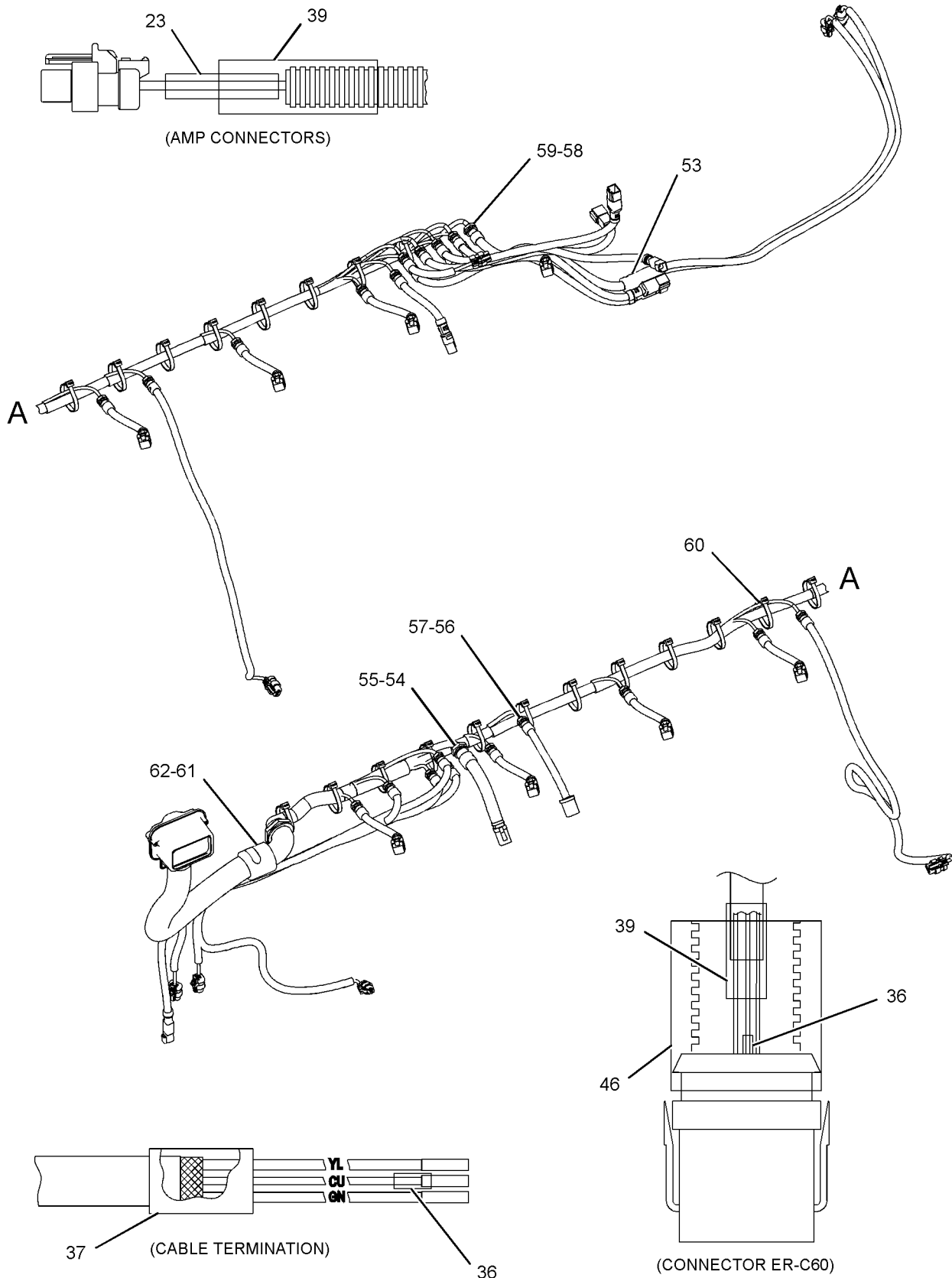
i02500333

D-ORDER BY THE METER
E-ORDER BY THE CENTIMETER
F-NOT SHOWN
H-ORDER BY THE DECIMETER
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

285-4005 HARNESS AS-ENGINE (contd.)

i02500333



GRAPHIC #1

<END>

g01254224

ELECTRICAL AND STARTING SYSTEM

244-5404 HARNESS AS-PANEL-INTERFACE

S/N: WYB1-UP

PART OF 245-0030 PANEL GP-CONTROL

FOR USE WITH EMCP 3, EUI

AN ATTACHMENT

SMCS-1408, 7451

i02366138

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	155-2255	3	KIT-CONNECTING PLUG (12-PIN)						
	155-2265	2	KIT-CONNECTING PLUG (8-PIN)						
	174-0503	1	KIT-CONNECTING PLUG (3-PIN)						
	155-2271	1	KIT-CONNECTING PLUG (4-PIN)						
	155-2274	2	KIT-CONNECTING PLUG (6-PIN)						
			(EACH INCLUDES PLUG ASSEMBLY AND WEDGE)						
	186-3735	51	PIN-CONNECTOR (16-GA TO 18-GA)						
	126-1767	1	PIN-CONNECTOR (14-GA)						
	160-7689	1	PLUG AS-CONNECTOR (70-PIN)						
	159-9322	1	SEAL-O-RING						
	8T-8737	40	PLUG-SEAL						
	133-8753	1	RECEPTACLE AS-CONNECTOR (70-PIN)						
	134-2540	1	RECEPTACLE AS-CONNECTOR (3-PIN)						
	186-3736	81	SOCKET-CONNECTOR (16-GA TO 18-GA)						
B	7K-1181	5	STRAP-CABLE						
	2L-8075	1	TERMINAL (14-GA TO 16-GA)						
	2L-8074	1	TERMINAL (14-GA TO 16-GA, NO. 6 SCREW)						
	128-5669	2	TERMINAL (14-GA TO 16-GA WIRE)						
	162-4171	2	TERMINAL AS (18-GA TO 20-GA)						
E	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (90-CM)						
BE	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (25-CM)						

B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER

<END>

ELECTRICAL AND STARTING SYSTEM

278-7387 HARNESS AS-POWER

S/N: WYB1-UP

PART OF 278-7386 WIRING GP-ENGINE
AN ATTACHMENT

SMCS-1408

i02498139

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	126-1774	1	COVER						
	196-2383	1	KIT-PLUG (8-PIN)						
	196-2384	1	KIT-PLUG (8-PIN)						
	196-2385	1	KIT-PLUG (8-PIN)						
	196-2386	1	KIT-PLUG (8-PIN)						
	242-6114	1	KIT-PLUG (8-PIN)						
	242-6116	1	KIT-PLUG (8-PIN)						
	242-6118	1	KIT-PLUG (8-PIN)						
	242-6120	1	KIT-PLUG (8-PIN)						
			(EACH PLUG KIT INCLUDES PLUG AS, WEDGE, AND SEAL)						
	173-8933	8	LOCK-CONNECTOR						
	160-7689	1	PLUG AS-CONNECTOR (70-PIN)						
	159-9322	1	SEAL-O-RING						
	7R-2751	42	PLUG-CONNECTOR						
	8T-8737	52	PLUG-SEAL						
	128-4123	8	SEAL						
	7R-2750	10	SEAL-CONNECTOR						
	9X-3402	10	SOCKET-CONNECTOR (16-GA TO 18-GA)						
	9X-6772	2	STRAP-CABLE						
	196-2412	10	TERMINAL AS						
			(EACH INCLUDES)						
	128-4123	1	SEAL						
	196-2413	8	TERMINAL AS						
			(EACH INCLUDES)						
	128-4123	1	SEAL						

<END>

ELECTRICAL AND STARTING SYSTEM

263-6474 HARNESS AS-SENSOR

S/N: WYB1-UP

PART OF 263-6473 WIRING GP-SENSOR
AN ATTACHMENT

SMCS-1408

i02444724

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	8N-1521	1	BELL AS-END (2-GA)						
	155-2255	1	KIT-CONNECTING PLUG (12-PIN) (INCLUDES PLUG AS & WEDGE)						
	230-4013	3	PLUG AS-CONNECTOR (3-PIN)						
	8N-1516	1	PLUG AS-CONNECTOR (24-PIN)						
	230-4011	1	PLUG AS-CONNECTOR (2-PIN)						
	7G-7917	10	PLUG-SEAL						
	8T-8737	4	PLUG-SEAL						
E	114-8843		SLEEVE-PLASTIC (80-CM)						
E	114-8845		SLEEVE-PLASTIC (20-CM)						
	9X-3402	19	SOCKET-CONNECTOR (16-GA TO 18-GA)						
	9X-6857	14	SOCKET-CONNECTOR (16-GA TO 18-GA)						
	9X-6772	1	STRAP-CABLE						
E	8T-6342		TUBE-HEAT SHRINK (3.2-MM DIA) (5-CM)						
E	119-3662		TUBE-HEAT SHRINK (10.85-MM DIA) (7-CM)						
E	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (5-CM)						
	155-2258	1	WEDGE-PLUG LOCK (12-PIN)						

E-ORDER BY THE CENTIMETER

<END>

263-6590 HARNESS AS-SENSOR-THERMOCOUPLE, LH

S/N: WYB1-UP

PART OF 263-6602 HARNESS AS-ENGINE
AN ATTACHMENT

SMCS-1408

i02442460

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
E	232-0895		CONDUIT (9.6-MM OD) (131-CM)						
E	231-9895		CONDUIT-FLEXIBLE (110-CM)						
	263-6464	1	CONNECTOR						
	263-6454	1	CONNECTOR						
	263-6460	8	CONNECTOR						
	236-8129	1	NUT (M25X1.5-THD)						
	263-6461	8	NUT (M12X1.5-THD)						
	8N-1516	1	PLUG AS-CONNECTOR						
	230-4011	8	PLUG AS-CONNECTOR (2-PIN)						
	7G-7917	8	PLUG-SEAL						
E	114-8843		SLEEVE-PLASTIC (160-CM)						
	9X-6857	16	SOCKET-CONNECTOR (16-GA TO 18-GA)						
	9X-3402	16	SOCKET-CONNECTOR (16-GA TO 18-GA)						
E	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (24-CM)						
E	125-7876		TUBE-HEAT SHRINK (17.78-MM DIA) (40-CM)						

E-ORDER BY THE CENTIMETER

<END>

ELECTRICAL AND STARTING SYSTEM

263-6591 HARNESS AS-SENSOR-THERMOCOUPLE, RH

S/N: WYB1-UP

PART OF 263-6603 HARNESS AS-ENGINE
AN ATTACHMENT

SMCS-1408

i02442462

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
E	232-0895		CONDUIT (9.6-MM OD) (117-CM)						
E	231-9895		CONDUIT-FLEXIBLE (86-CM)						
	263-6464	1	CONNECTOR						
	263-6454	1	CONNECTOR						
	263-6460	8	CONNECTOR						
	236-8129	1	NUT (M25X1.5-THD)						
	263-6461	8	NUT (M12X1.5-THD)						
	8N-1516	1	PLUG AS-CONNECTOR						
	230-4011	8	PLUG AS-CONNECTOR (2-PIN)						
	7G-7917	8	PLUG-SEAL						
	9X-6857	16	SOCKET-CONNECTOR (16-GA TO 18-GA)						
	9X-3402	16	SOCKET-CONNECTOR (16-GA TO 18-GA)						
E	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (24-CM)						
E	125-7876		TUBE-HEAT SHRINK (17.78-MM DIA) (40-CM)						

E-ORDER BY THE CENTIMETER

<END>

278-7392 HARNESS AS-SENSOR

S/N: WYB1-UP

PART OF 278-7391 WIRING GP-SENSOR
AN ATTACHMENT

SMCS-1408

i02498136

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	8N-1535	1	BELL AS-END						
	155-2255	1	KIT-CONNECTING PLUG (12-PIN) (INCLUDES PLUG AS, WEDGE, AND SEAL)						
	8N-1525	1	PLUG AS-CONNECTOR (20-PIN)						
	230-4013	3	PLUG AS-CONNECTOR (3-PIN)						
	230-4011	1	PLUG AS-CONNECTOR (2-PIN)						
	8T-8737	4	PLUG-SEAL						
	7G-7917	6	PLUG-SEAL						
	9X-3402	19	SOCKET-CONNECTOR (16-GA TO 18-GA)						
	9X-6857	14	SOCKET-CONNECTOR (16-GA TO 18-GA)						
	9X-6772	1	STRAP-CABLE						
E	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (10-CM)						
E	8T-6342		TUBE-HEAT SHRINK (3.2-MM DIA) (5-CM)						
	155-2258	1	WEDGE-PLUG LOCK (12-PIN)						

E-ORDER BY THE CENTIMETER

<END>

ELECTRICAL AND STARTING SYSTEM

285-3996 HARNESS AS-SENSOR

S/N: WYB1-UP

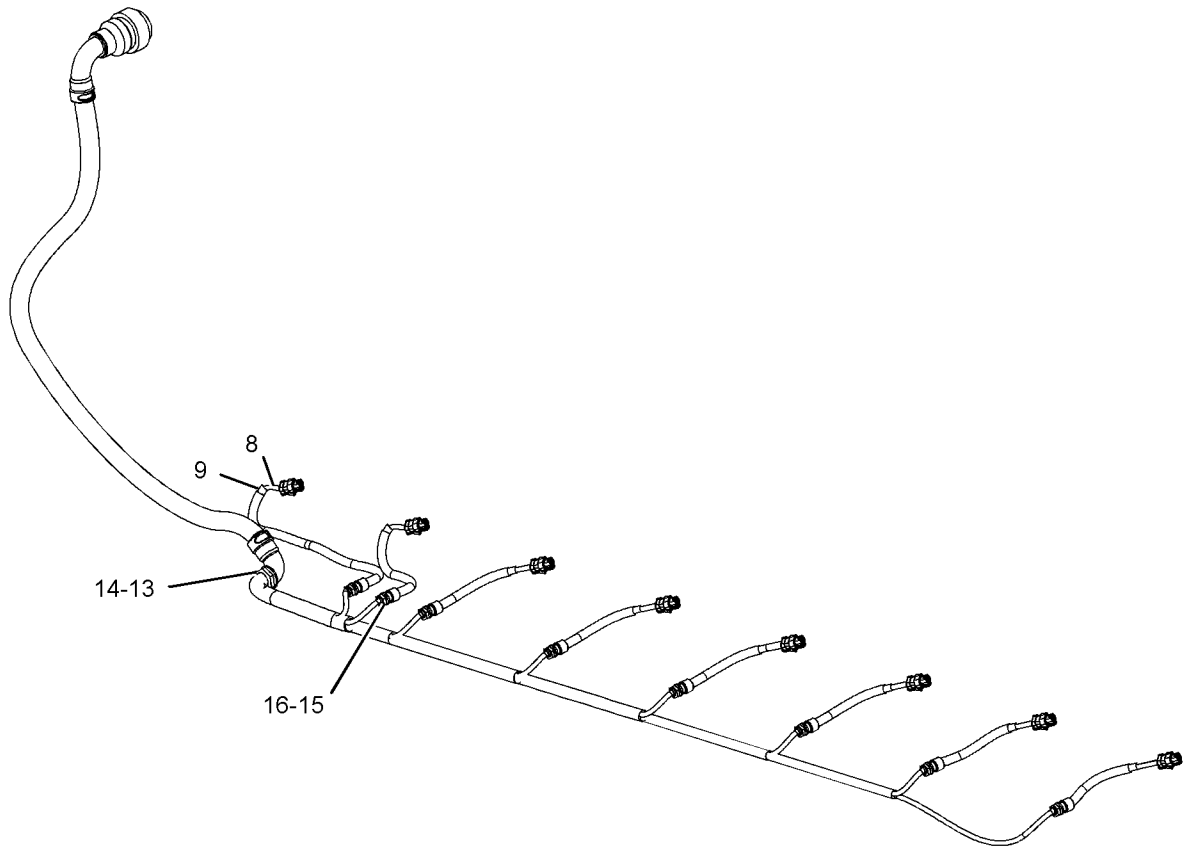
PART OF 285-3994 HARNESS AS-ENGINE
AN ATTACHMENT

SMCS-1408

i02500318

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
E	8	1	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (24-CM)						
E	9	1	125-7876		TUBE-HEAT SHRINK (17.78-MM DIA) (40-CM)						
	13	1	263-6454	1	CONNECTOR						
	14	1	236-8129	1	NUT (M25X1.5-THD)						
	15	1	263-6460	8	CONNECTOR						
	16	1	263-6461	8	NUT (M12X1.5-THD)						
EF			116-2652		CABLE-ELECTRICAL (18-GA) (1984-CM)						
EF			232-0895		CONDUIT (9.6-MM OD) (156-CM)						
EF			231-9895		CONDUIT-FLEXIBLE (109-CM)						
F			263-6464	1	CONNECTOR						
F			8N-1516	1	PLUG AS-CONNECTOR						
F			230-4011	8	PLUG AS-CONNECTOR (2-PIN)						
F			7G-7917	4	PLUG-SEAL						
F			9X-3402	16	SOCKET-CONNECTOR (16-GA TO 18-GA)						
F			9X-6857	20	SOCKET-CONNECTOR (16-GA TO 18-GA)						
DF			5P-5677		WIRE (18-GA, BLACK) (.8-M)						

D-ORDER BY THE METER
E-ORDER BY THE CENTIMETER
F-NOT SHOWN



GRAPHIC #1

<END>

g01253420

ELECTRICAL AND STARTING SYSTEM

285-4006 HARNESS AS-SENSOR

S/N: WYB1-UP

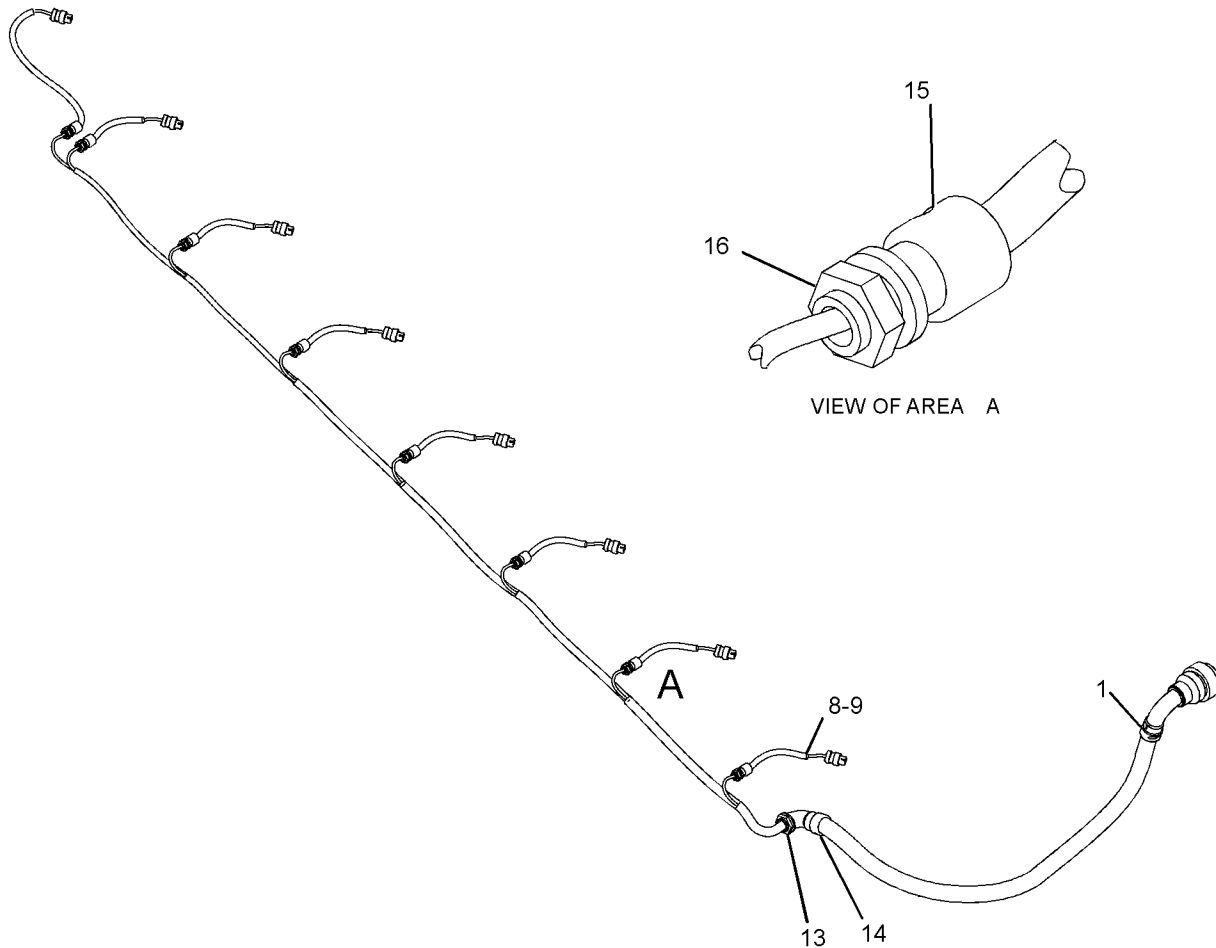
PART OF 285-4004 HARNESS AS-ENGINE
AN ATTACHMENT

SMCS-1408

i02500325

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8N-1516	1	PLUG AS-CONNECTOR						
E	8	1	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (24-CM)						
E	9	1	125-7876		TUBE-HEAT SHRINK (17.78-MM DIA) (40-CM)						
	13	1	236-8129	1	NUT (M25X1.5-THD)						
	14	1	263-6454	1	CONNECTOR						
	15	1	263-6460	8	CONNECTOR						
	16	1	263-6461	8	NUT (M12X1.5-THD)						
EF			116-2652		CABLE-ELECTRICAL (18-GA) (2010-CM)						
EF			232-0895		CONDUIT (9.6-MM OD) (132-CM)						
EF			231-9895		CONDUIT-FLEXIBLE (90-CM)						
F			263-6464	1	CONNECTOR						
F			230-4011	8	PLUG AS-CONNECTOR (2-PIN)						
F			7G-7917	4	PLUG-SEAL						
F			9X-3402	16	SOCKET-CONNECTOR (16-GA TO 18-GA)						
F			9X-6857	20	SOCKET-CONNECTOR (16-GA TO 18-GA)						
DF			5P-5677		WIRE (18-GA, BLACK) (.8-M)						

D-ORDER BY THE METER
E-ORDER BY THE CENTIMETER
F-NOT SHOWN



GRAPHIC #1

<END>

g01254410

ELECTRICAL AND STARTING SYSTEM

244-5403 HARNESS AS-WIRING-GENERATOR

S/N: WYB1-UP

PART OF 245-0092 CONNECTION GP-ELECTRICAL

FOR USE WITH EUI

AN ATTACHMENT

SMCS-1408

i02363284

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
E	134-6258		CABLE-ELECTRICAL (16-GA) (393-CM)						
E	153-2707		CABLE-ELECTRICAL (19-GA) (1159-CM)						
	244-0452	21	END-WIRE						
	155-2274	1	KIT-CONNECTING PLUG (6-PIN)						
			(INCLUDES PLUG AS AND WEDGE)						
	155-2270	2	KIT-CONNECTING PLUG (2-PIN)						
			(EACH INCLUDES PLUG AS AND WEDGE)						
	155-2260	2	KIT-CONNECTING PLUG (3-PIN)						
			(EACH INCLUDES PLUG AS AND WEDGE)						
	174-0503	1	KIT-CONNECTING PLUG (3-PIN)						
			(INCLUDES PLUG AS AND WEDGE)						
	126-1767	4	PIN-CONNECTOR (14-GA)						
	186-3735	16	PIN-CONNECTOR (16-GA TO 18-GA)						
	160-7689	3	PLUG AS-CONNECTOR (70-PIN)						
			(EACH INCLUDES)						
	159-9322	1	SEAL-O-RING						
	234-1857	1	PLUG-CONNECTOR (9-PIN)						
	234-1858	1	PLUG-CONNECTOR (12-PIN)						
	8T-8737	24	PLUG-SEAL						
	9X-1343	1	RECEPTACLE AS-CONNECTOR (40-PIN)						
	134-2540	1	RECEPTACLE AS-CONNECTOR (3-PIN)						
	246-7014	1	SEAL (9-POSITION)						
	246-7015	1	SEAL (12-POSITION)						
	126-1768	15	SOCKET-CONNECTOR (14-GA)						
	186-3736	205	SOCKET-CONNECTOR (16-GA TO 18-GA)						
	7K-1181	7	STRAP-CABLE						
E	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (565-CM)						
	155-2266	1	WEDGE-PLUG LOCK (3-PIN)						
	155-2263	1	WEDGE-PLUG LOCK (6-PIN)						

E-ORDER BY THE CENTIMETER

<END>

ELECTRICAL AND STARTING SYSTEM

278-7341 HARNESS AS-PUMP

S/N: WYB1-UP

PART OF 285-4002, 285-4004 HARNESS AS-ENGINE
AN ATTACHMENT

SMCS-1408

i02500322

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
	155-2256	1	KIT-CONNECTING PLUG (12-PIN)						
	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
	174-0503	3	KIT-CONNECTING PLUG (3-PIN)						
			(EACH PLUG KIT INCLUDES PLUG AS, WEDGE, AND SEAL)						
	102-8801	2	KIT-RECEPTACLE (12-PIN)						
			(INCLUDES RECEPTACLE AS AND WEDGE)						
	9X-3401	7	PIN-CONNECTOR (16-GA TO 18-GA)						
	174-3016	1	PLUG AS (3-PIN)						
	8T-8737	19	PLUG-SEAL						
	133-0970	1	RECEPTACLE AS (TEE)						
	9X-3402	16	SOCKET-CONNECTOR (16-GA TO 18-GA)						
E	8T-6342		TUBE-HEAT SHRINK (3.2-MM DIA) (8-CM)						
E	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (15-CM)						
	155-2258	2	WEDGE-PLUG LOCK (12-PIN)						

E-ORDER BY THE CENTIMETER

<END>

ELECTRICAL AND STARTING SYSTEM

259-9116 HEATER GP-JACKET WATER

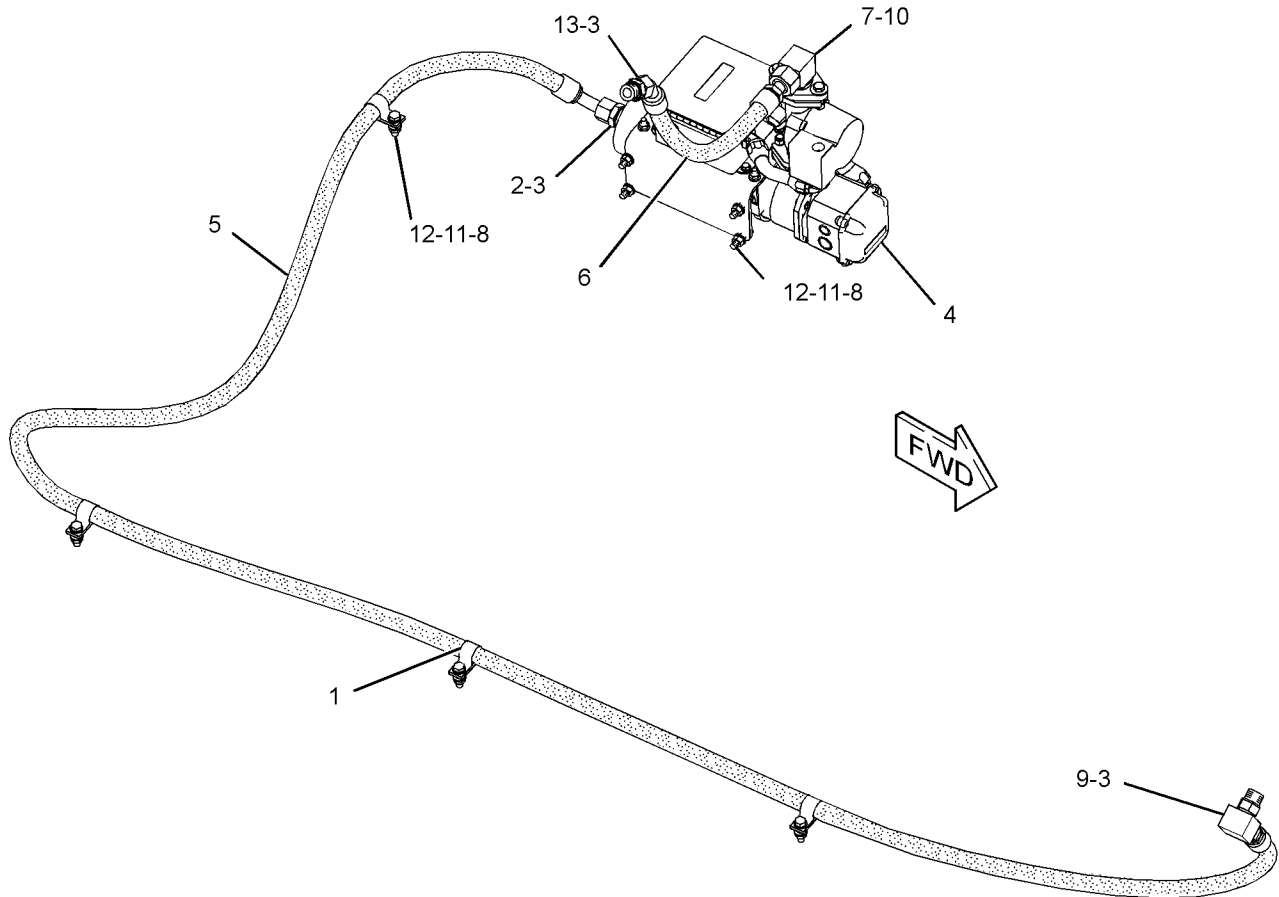
S/N: WYB1-UP
220-VOLT
AN ATTACHMENT

SMCS-1383

i02436988

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	134-5645	4	CLIP						
	2	1	199-4673	1	CONNECTOR						
	3	1	250-2343	3	SEAL-O-RING						
Y	4	1	269-3348	1	HEATER GP-JACKET WATER						388
I	5	1	275-1870	1	HOSE AS						
I	6	1	275-1871	1	HOSE AS						
	7	1	131-4863	1	ELBOW						
M	8	1	151-8754	8	BOLT (M10X1.5X40-MM)						
	9	1	215-9090	1	ELBOW						
	10	1	5K-9090	1	SEAL-O-RING						
	11	1	8T-4121	16	WASHER-HARD (11X21X2.5-MM THK)						
M	12	1	8T-4133	8	NUT (M10X1.5-THD)						
	13	1	8T-7494	1	CONNECTOR						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01228996

ELECTRICAL AND STARTING SYSTEM

259-9220 HEATER GP-JACKET WATER

S/N: WYB1-UP
240-VOLT
AN ATTACHMENT

SMCS-1383

i02436997

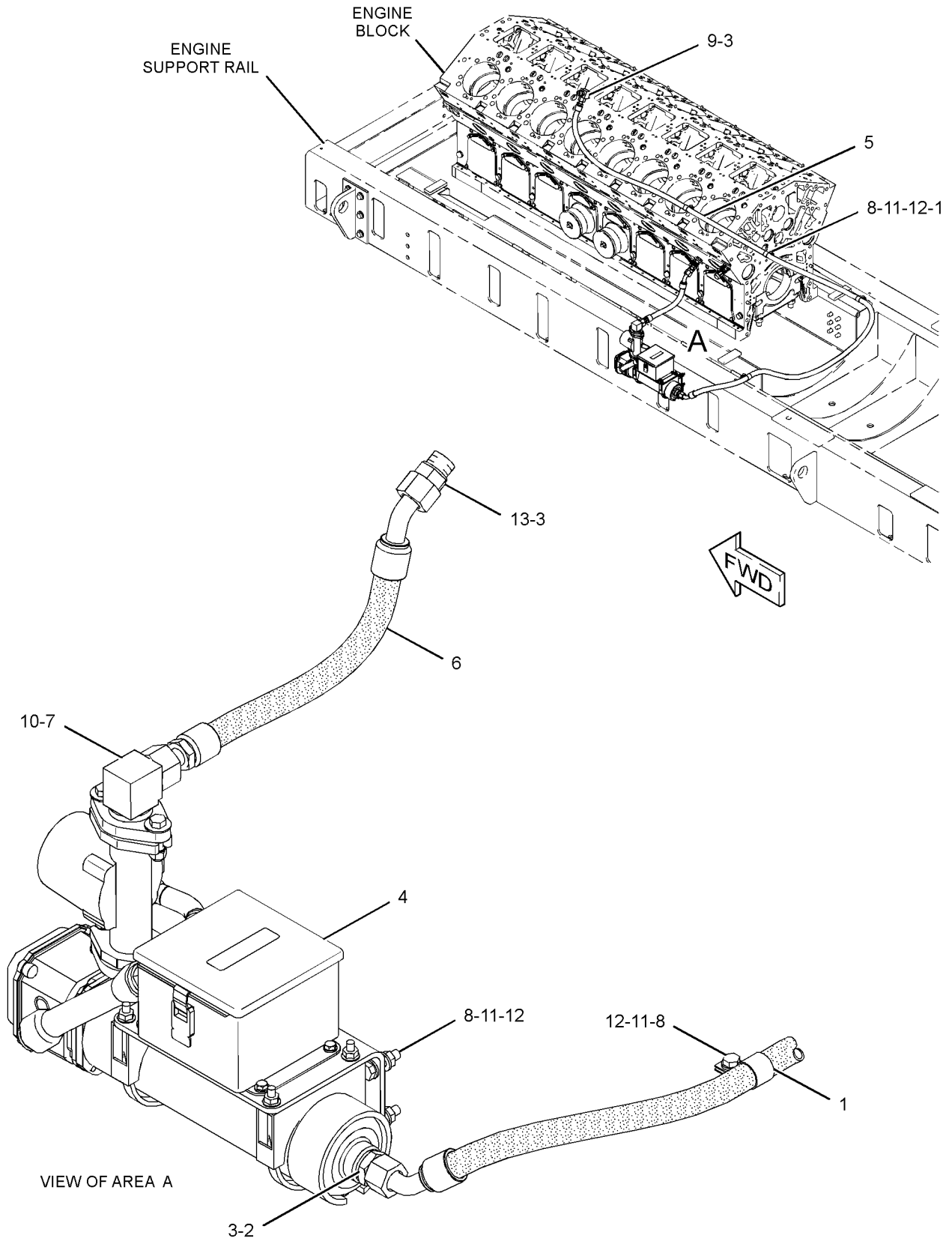
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	134-5645	4	CLIP						
	2	1	199-4673	1	CONNECTOR						
	3	1	250-2343	3	SEAL-O-RING						
Y	4	1	269-3349	1	HEATER GP-JACKET WATER						389
I	5	1	275-1870	1	HOSE AS						
I	6	1	275-1871	1	HOSE AS						
	7	1	131-4863	1	ELBOW						
M	8	1	151-8754	8	BOLT (M10X1.5X40-MM)						
	9	1	215-9090	1	ELBOW						
	10	1	5K-9090	1	SEAL-O-RING						
	11	1	8T-4121	16	WASHER-HARD (11X21X2.5-MM THK)						
M	12	1	8T-4133	8	NUT (M10X1.5-THD)						
	13	1	8T-7494	1	CONNECTOR						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

259-9220 HEATER GP-JACKET WATER (contd.)

i02436997



GRAPHIC #1

<END>

g01220900

ELECTRICAL AND STARTING SYSTEM

269-3348 HEATER GP-JACKET WATER

S/N: WYB1-UP

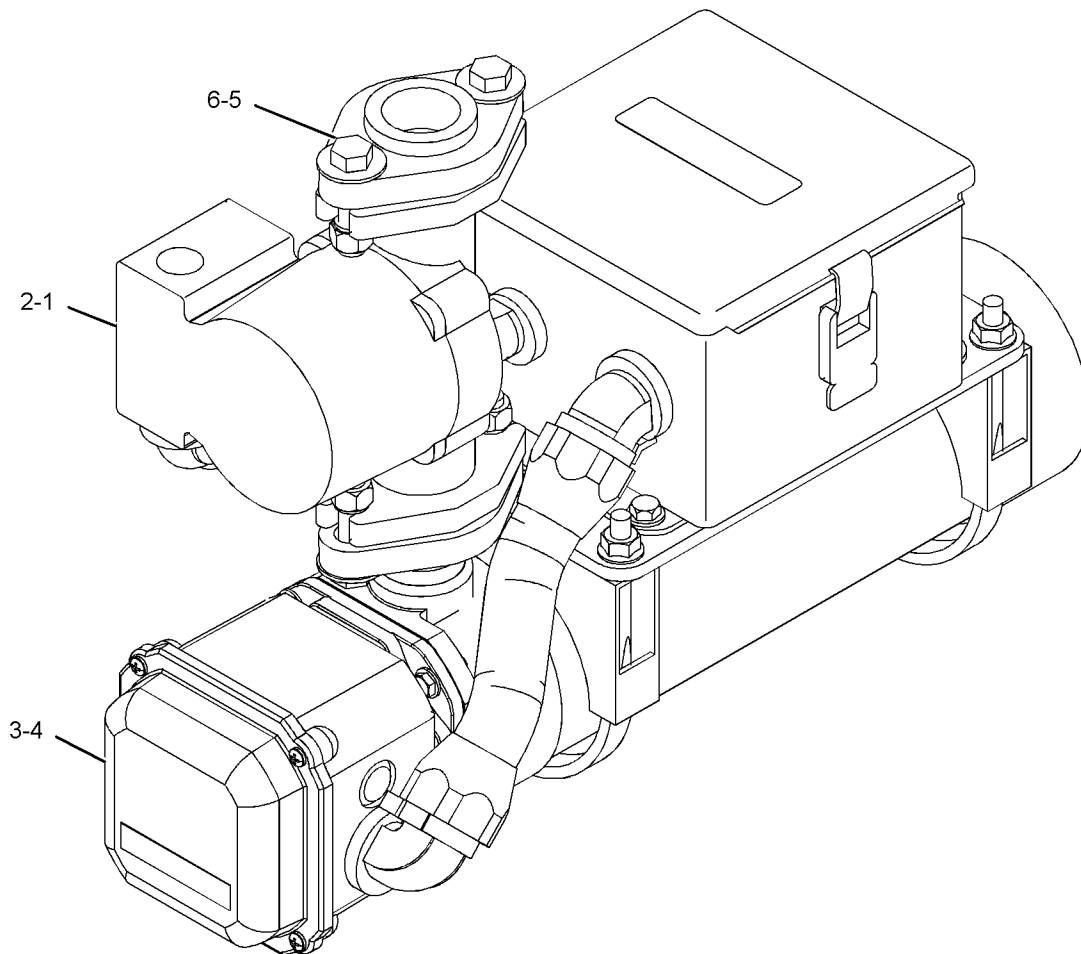
220-VOLT AC

PART OF 259-9116 HEATER GP-JACKET WATER
AN ATTACHMENT

SMCS-1383

i02418638

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	149-2285	1	PUMP (CIRCULATION)						
	2	1	191-5079	2	SEAL						
	3	1	237-4358	1	THERMOSTAT (JACKET WATER HEATER)						
	4	1	237-0929	1	ELEMENT-HEATING (240-VOLT, 9000-WATT)						
	5	1	4L-9337	4	BOLT (3/8-16X1.5-IN)						
	6	1	6V-8801	4	NUT (3/8-16-THD)						



GRAPHIC #1

<END>

g01163528

ELECTRICAL AND STARTING SYSTEM

269-3349 HEATER GP-JACKET WATER

S/N: WYB1-UP

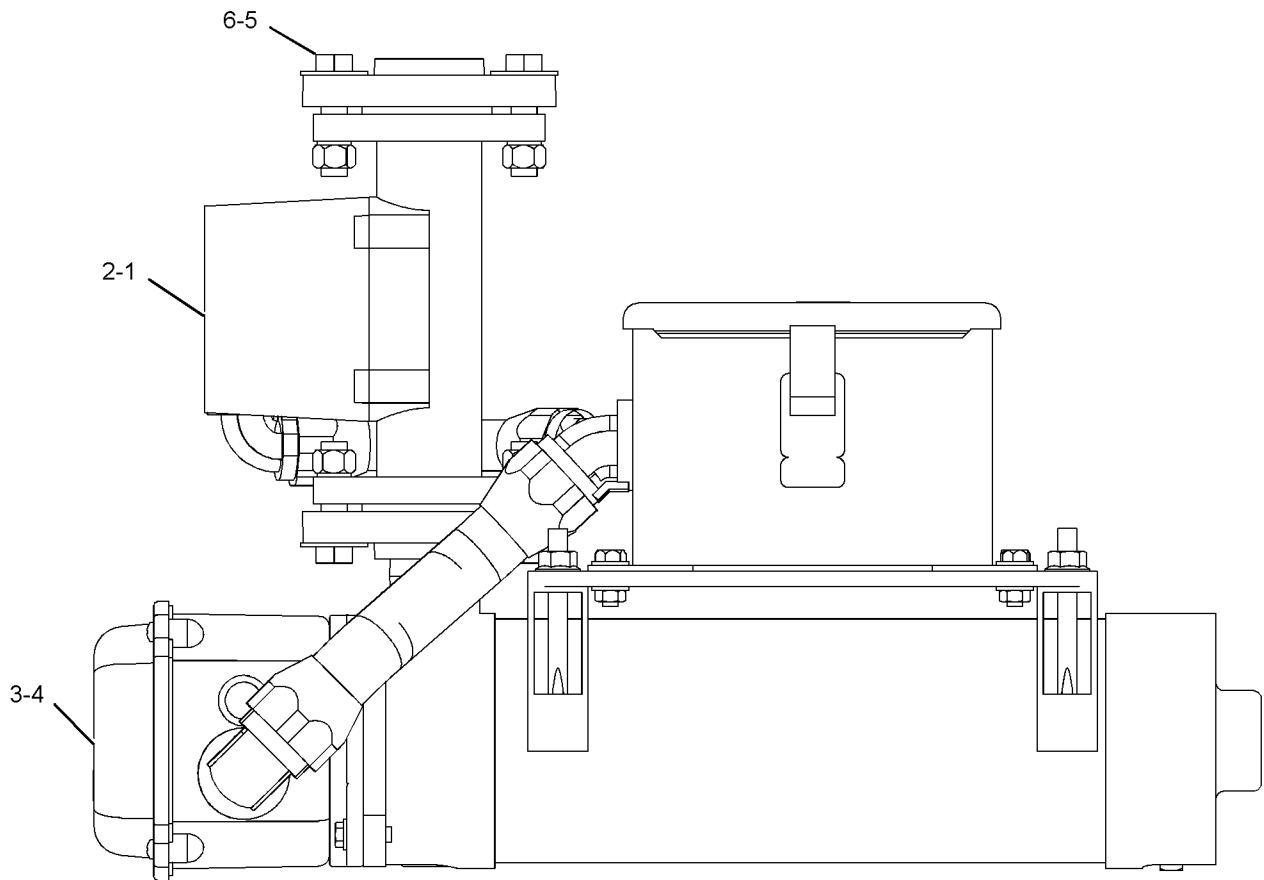
240-VOLT

PART OF 259-9220 HEATER GP-JACKET WATER
AN ATTACHMENT

SMCS-1383

i02418639

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	149-2285	1	PUMP (CIRCULATION)						
	2	1	191-5079	2	SEAL						
	3	1	237-4358	1	THERMOSTAT (JACKET WATER HEATER)						
	4	1	237-0928	1	ELEMENT-HEATING (240-VOLT, 9000-WATT)						
	5	1	4L-9337	4	BOLT (3/8-16X1.5-IN)						
	6	1	6V-8801	4	NUT (3/8-16-THD)						



GRAPHIC #1

<END>

g01163529

ELECTRICAL AND STARTING SYSTEM

259-9186 LINES GP-JACKET WATER HEATER

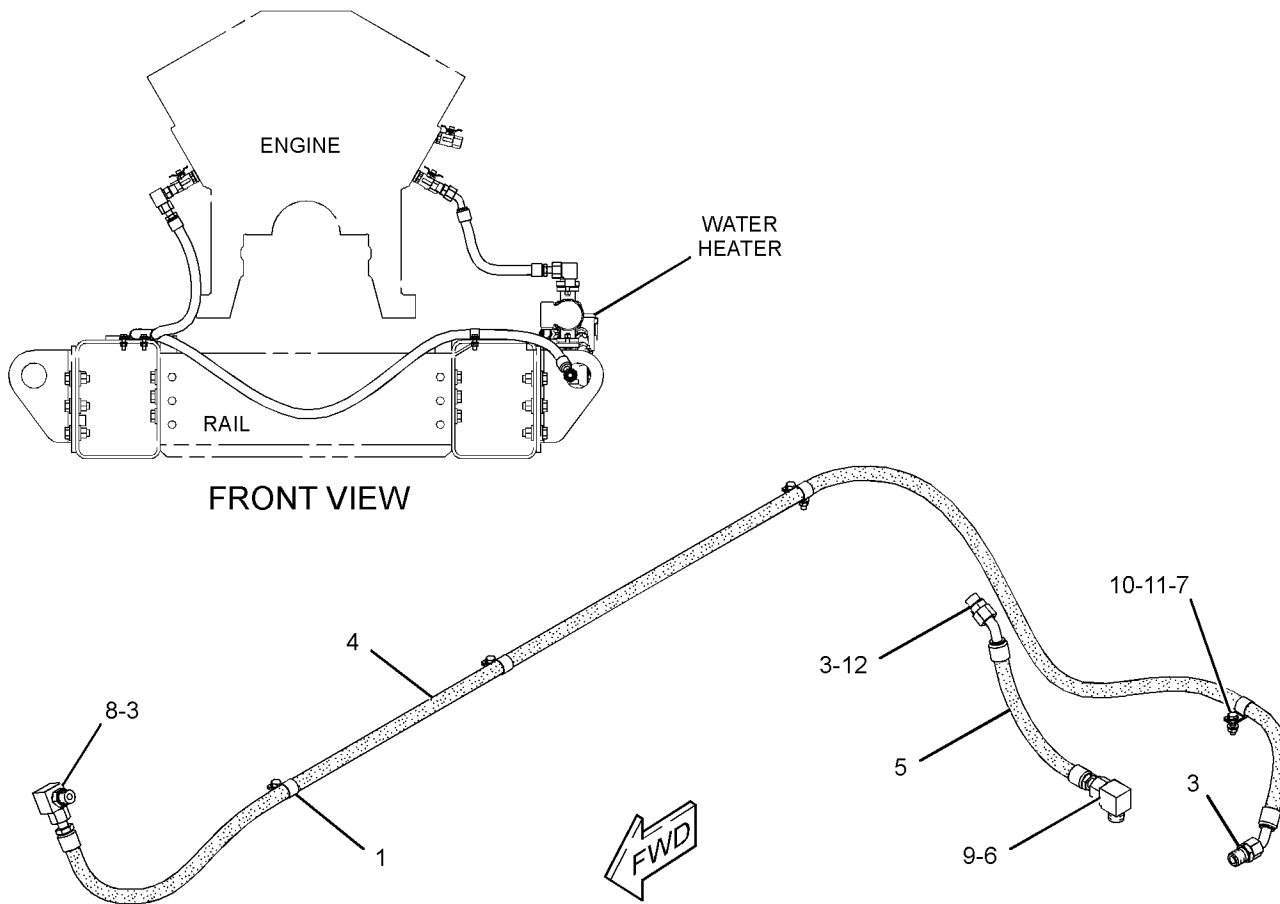
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1383

i02479812

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	134-5645	4	CLIP						
	3	1	250-2343	3	SEAL-O-RING						
I	4	1	275-1870	1	HOSE AS						
I	5	1	275-1871	1	HOSE AS						
	6	1	131-4863	1	ELBOW						
M	7	1	151-8754	4	BOLT (M10X1.5X40-MM)						
	8	1	215-9090	1	ELBOW						
	9	1	5K-9090	1	SEAL-O-RING						
	10	1	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)						
M	11	1	8T-4133	4	NUT (M10X1.5-THD)						
	12	1	8T-7494	1	CONNECTOR						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
M-METRIC PART



GRAPHIC #1

<END>

g01252249

ELECTRICAL AND STARTING SYSTEM

263-6731 MOUNTING GP-CIRCUIT BREAKER

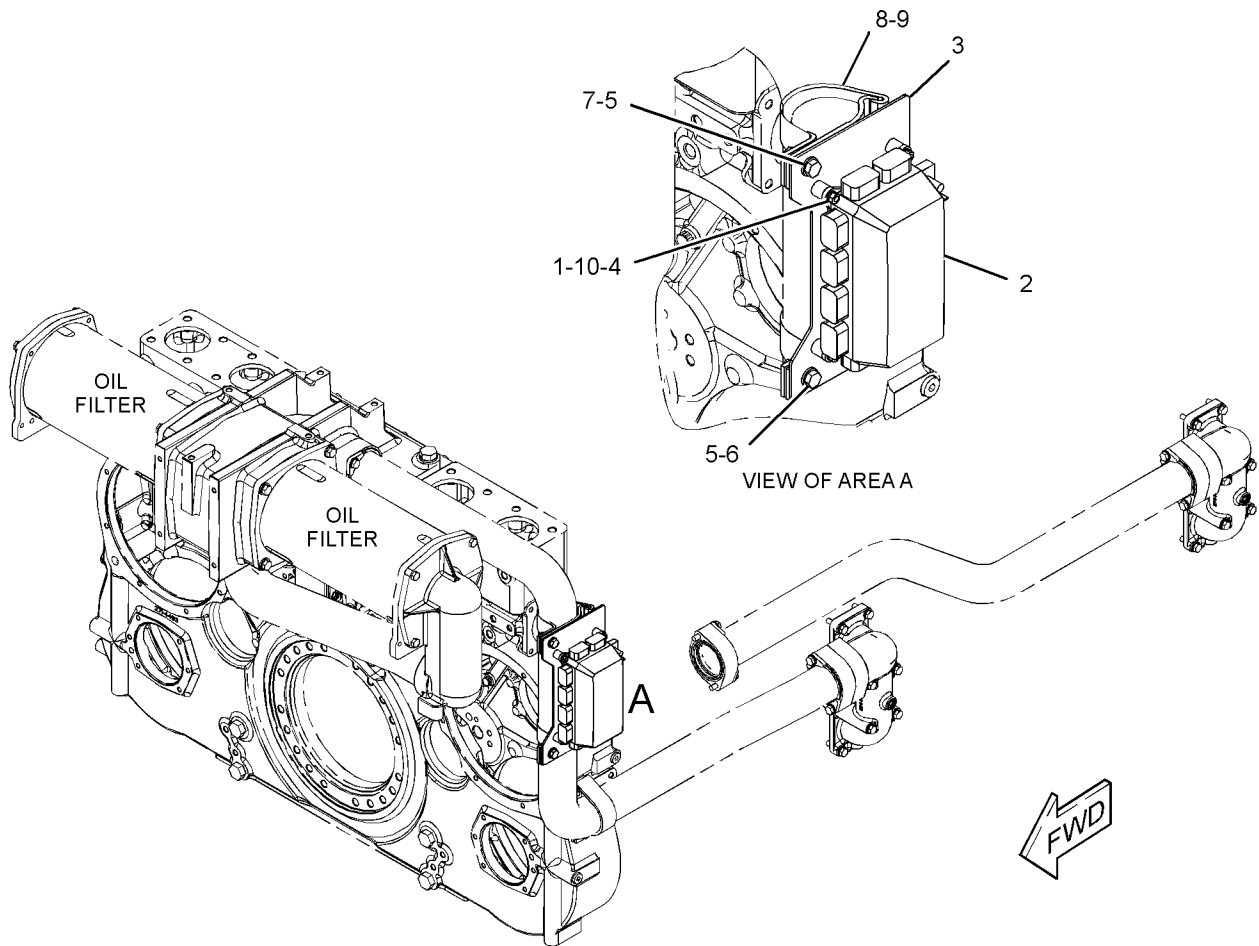
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1420, 4461

i02441242

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7E-6087	4	MOUNT-FLEXIBLE						
	2	1	263-6453	1	PANEL AS-FUSE						
	3	1	263-6573	1	PLATE						
M	4	1	5C-2890	8	NUT (M6X1-THD)						
	5	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	6	1	8T-4133	2	NUT (M10X1.5-THD)						
M	7	1	8T-4196	2	BOLT (M10X1.5X35-MM)						
	8	1	9X-2646	2	CLIP (SLOT)						
	9	1	9X-2647	2	CLIP (TAB)						
	10	1	9X-8256	8	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01221916

ELECTRICAL AND STARTING SYSTEM

278-7340 MOUNTING GP-CIRCUIT BREAKER

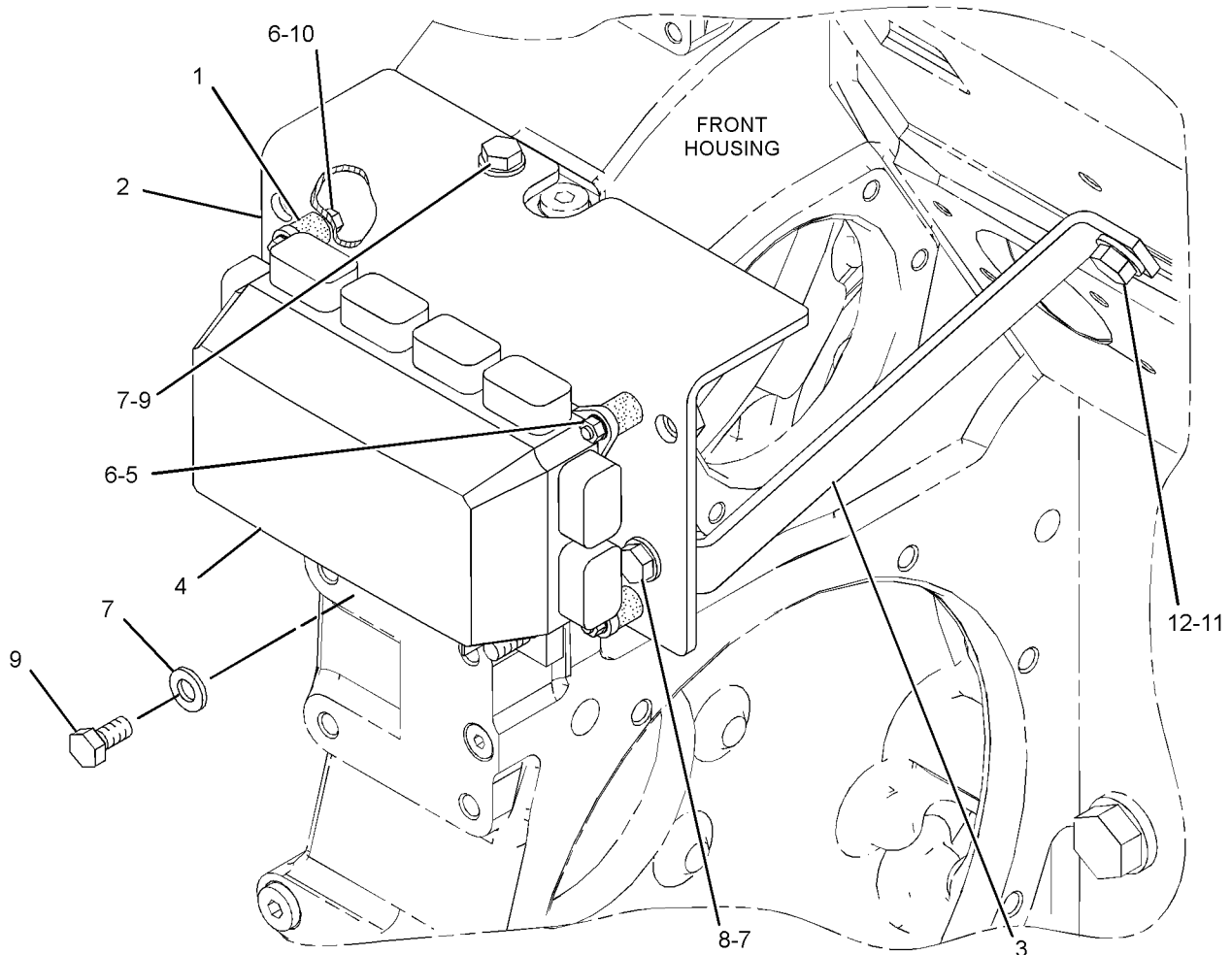
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1420, 4461

i02495770

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	278-7339	4	MOUNT-FLEXIBLE						
	2	1	278-7349	1	BRACKET AS						
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)						
	3	1	278-7358	1	BRACKET AS						
M		1	8T-3490	2	NUT-WELD (M10X1.5-THD)						
	4	1	278-7365	1	BLOCK AS-FUSE						
M	5	1	5C-2890	4	NUT (M6X1-THD)						
	6	1	8C-3398	8	LOCKWASHER						
	7	1	8T-4121	3	WASHER-HARD (11X21X2.5-MM THK)						
M	8	1	8T-4136	1	BOLT (M10X1.5X25-MM)						
M	9	1	8T-4137	2	BOLT (M10X1.5X20-MM)						
M	10	1	8T-4171	4	BOLT (M6X1X12-MM)						
M	11	1	8T-4192	1	BOLT (M12X1.75X25-MM)						
	12	1	8T-4223	1	WASHER-HARD (13.5X25.5X3-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01249413

ELECTRICAL AND STARTING SYSTEM

279-0867 MOUNTING GP-ELECTRONIC CONTROL-POINTGUARD

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1901

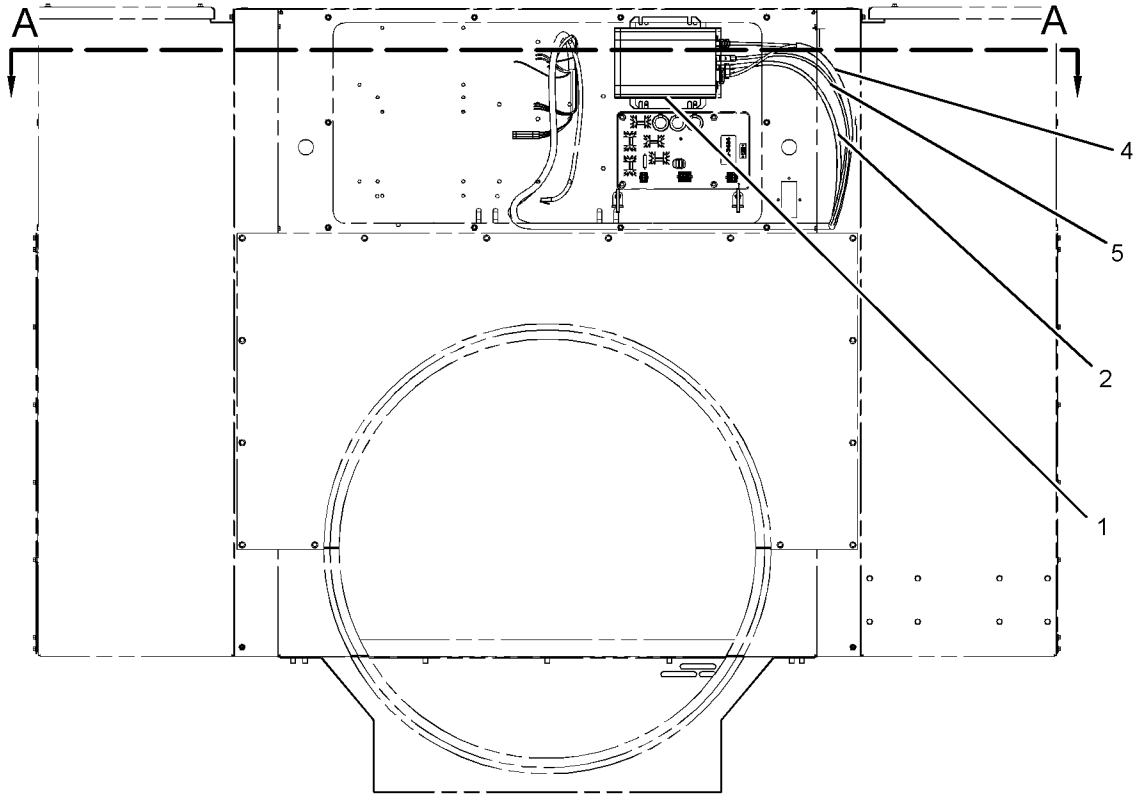
i02448978

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	279-0864	1	CONTROL AS-MONITORING (POINTGUARD, M300)						
	2	1	279-0865	1	CABLE AS						
	3	2	279-0866	1	TERMINAL BLOCK AS						
		2	179-8786	3	BLOCK-TERMINAL (20-AMPERE)						
		2	279-0870	1	KIT-MARKER						
	4	1	279-0871	1	HARNES AS-CONTROL (POINTGUARD)						
		1	9X-6772	3	STRAP-CABLE						
	5	1	279-0876	1	CABLE AS						

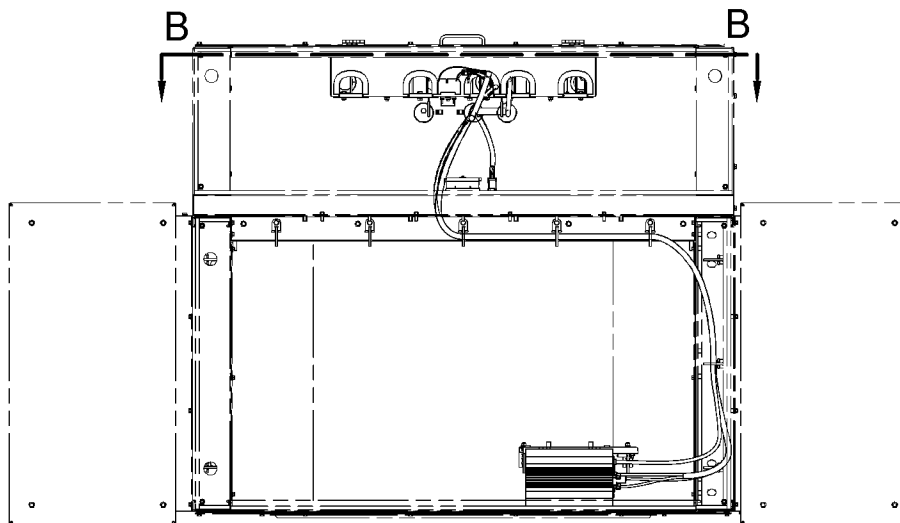
ELECTRICAL AND STARTING SYSTEM

279-0867 MOUNTING GP-ELECTRONIC CONTROL (contd.)

i02448978



FRONT VIEW



SECTION A-A

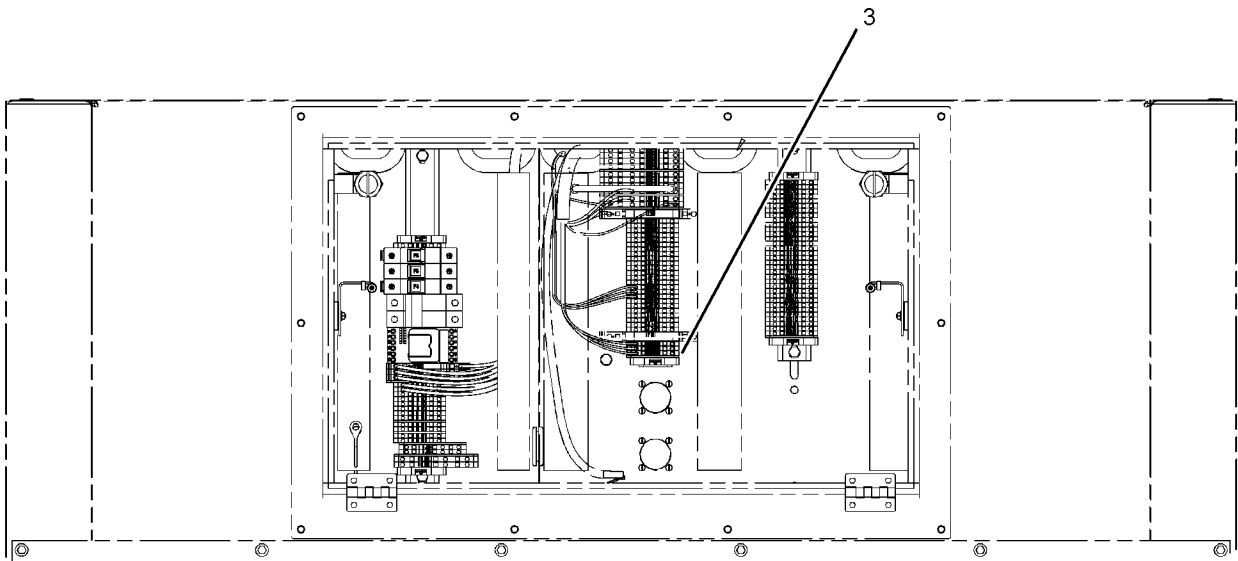
GRAPHIC #1

g01226672

ELECTRICAL AND STARTING SYSTEM

279-0867 MOUNTING GP-ELECTRONIC CONTROL (contd.)

i02448978



SECTION B-B

GRAPHIC #2

<END>

g01226677

ELECTRICAL AND STARTING SYSTEM

245-0001 MOUNTING GP-PANEL-REAR

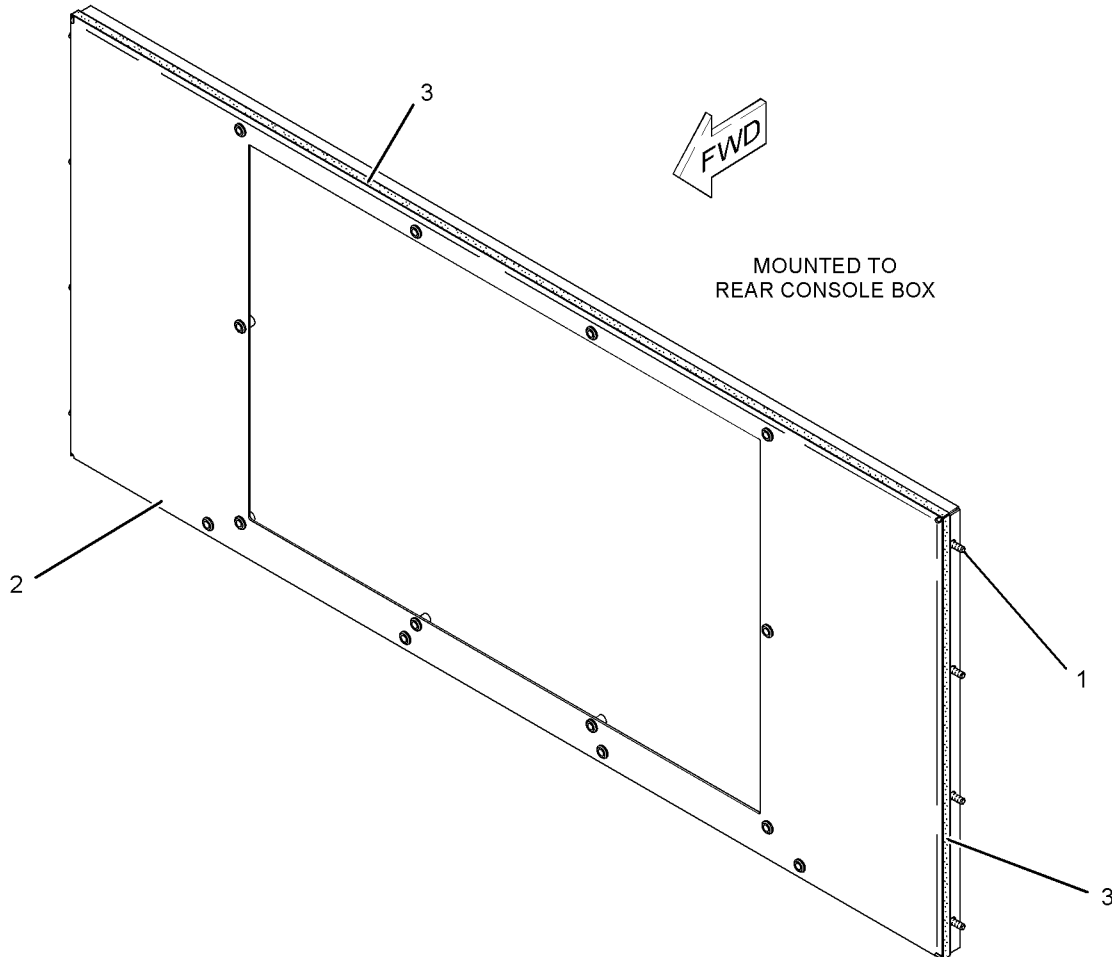
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1609

i02239728

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	235-4451	8	BOLT-FLANGE HEAD (M6X1X16-MM)						
	2	1	242-8833	1	BRACE AS						
M		1	3E-4304	14	INSERT-THREADED (M6X1-6H-THD)						
BJ	3	1	244-9631		SEAL (17-DM)						

B-USE AS REQUIRED
J-ORDER BY THE DECIMETER
M-METRIC PART



GRAPHIC #1

<END>

g01137021

ELECTRICAL AND STARTING SYSTEM

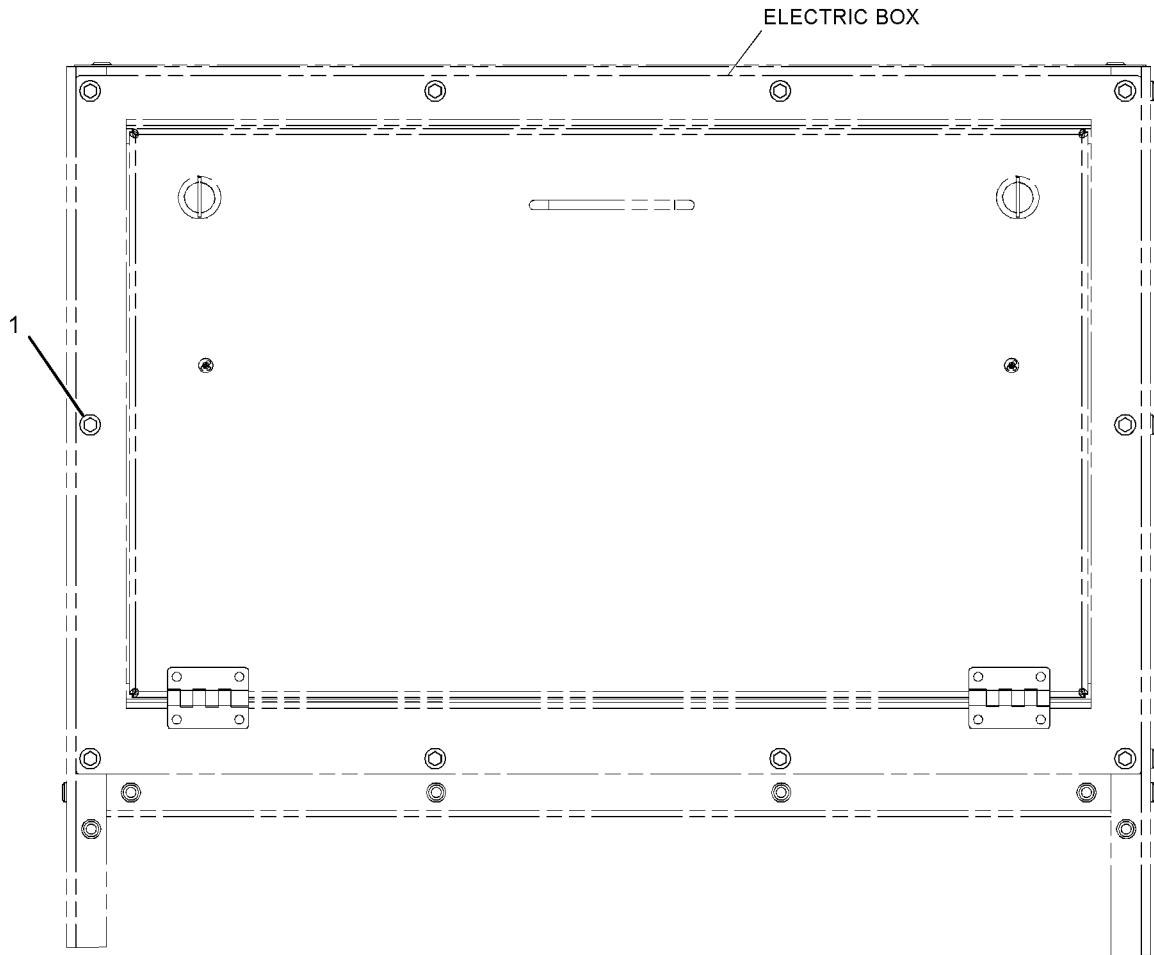
252-7367 MOUNTING GP-PANEL-INTERFACE MODULE

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1609

i02250418

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	235-4451	10	BOLT-FLANGE HEAD (M6X1X16-MM)						



GRAPHIC #1

<END>

g01136781

ELECTRICAL AND STARTING SYSTEM

278-7293 MOUNTING GP-SOLENOID-PRELUBRICATION

S/N: WYB1-UP

PART OF 263-6753 WIRING GP-PRELUBRICATION
AN ATTACHMENT

SMCS-1090, 1259, 1467

i02440741

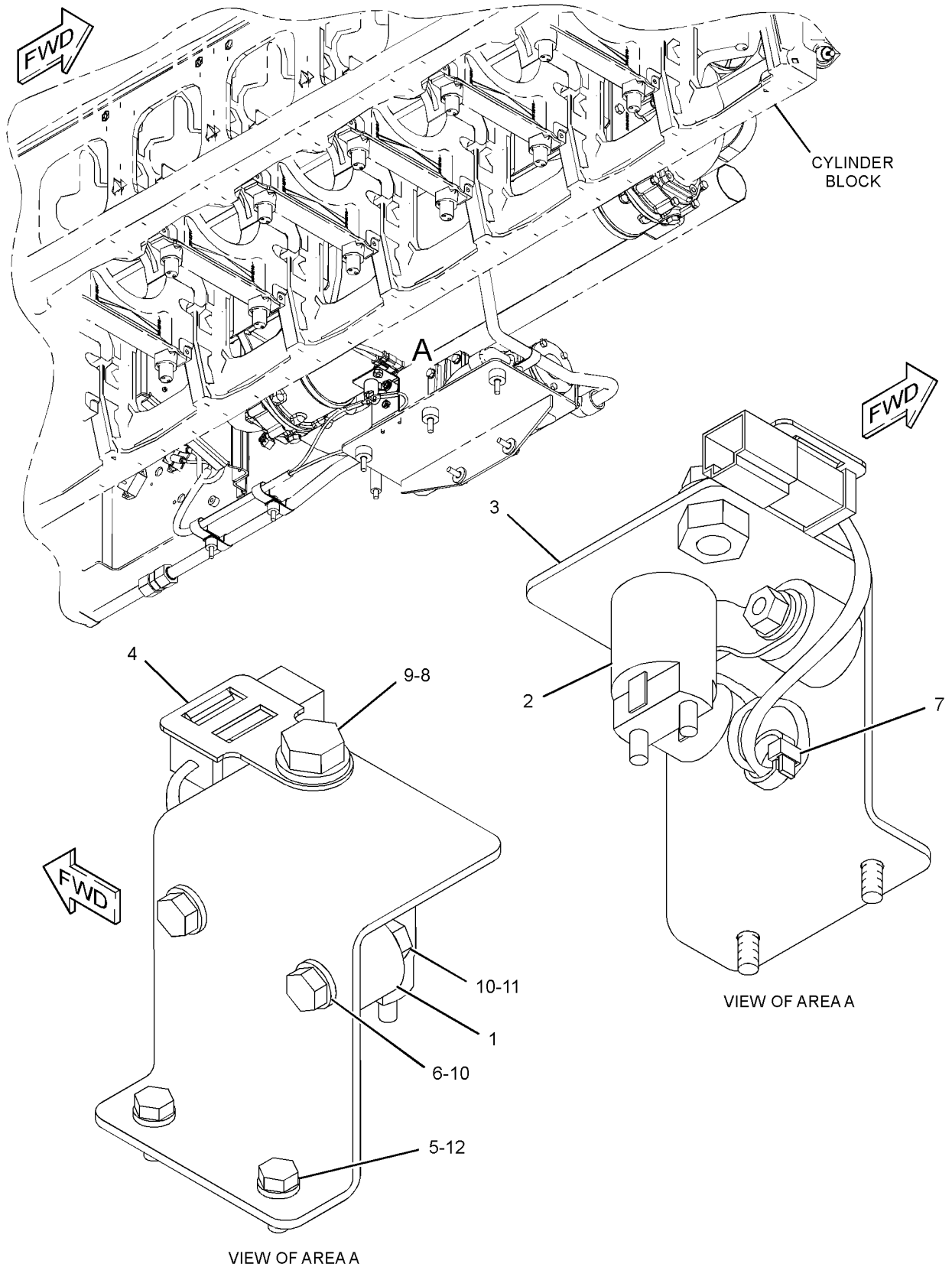
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7E-7731	2	MOUNT						
	2	1	148-0757	1	SWITCH AS-MAGNETIC (24-VOLT) (PRELUBRICATION)						
	3	1	278-7292	1	BRACKET AS						
M		1	8T-3490	1	NUT-WELD (M10X1.5-THD)						
	4	1	130-5300	1	CLIP						
M	5	1	5C-9553	2	BOLT (M6X1X16-MM)						
	6	1	5S-7349	2	BOLT (1/4-20X0.5-IN)						
	7	1	7K-1181	1	STRAP-CABLE						
	8	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						
M	9	1	8T-4191	1	BOLT (M10X1.5X16-MM)						
	10	1	8T-4205	4	WASHER-HARD (7.2X14.5X2-MM THK)						
	11	1	9S-8750	2	NUT-FULL (1/4-20-THD)						
	12	1	9X-8256	2	WASHER (6.6X12X2-MM THK)						

M-METRIC PART

ELECTRICAL AND STARTING SYSTEM

278-7293 MOUNTING GP-SOLENOID (contd.)

i02440741



GRAPHIC #1

<END>

g01224160

ELECTRICAL AND STARTING SYSTEM

278-7377 MOUNTING GP-WIRING

S/N: WYB1-UP

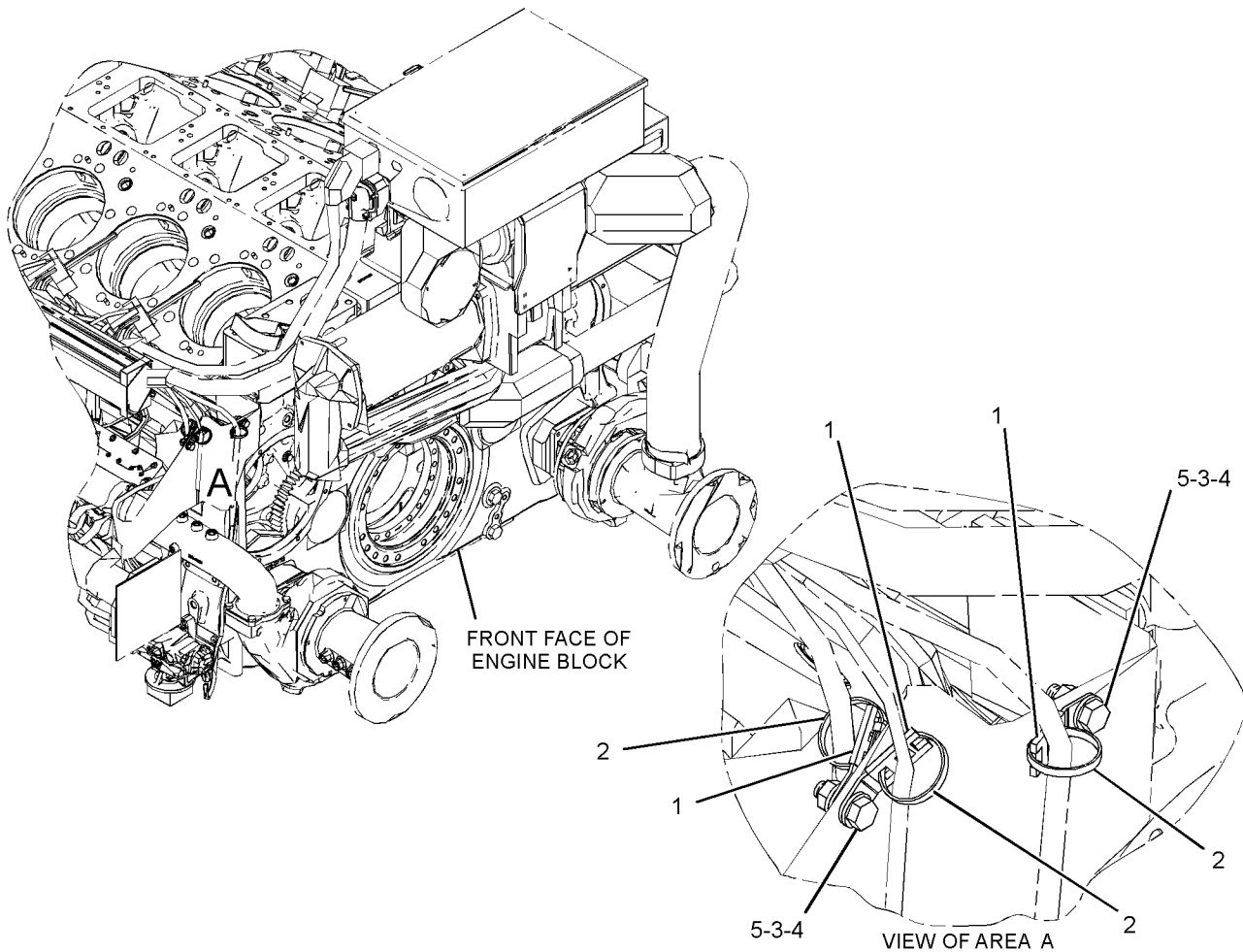
PART OF 285-4001, 285-4003 WIRING GP-ENGINE
AN ATTACHMENT

SMCS-1408

i02495779

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4P-7581	3	CLIP						
	2	1	7K-1181	3	STRAP - CABLE						
	3	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	4	1	8T-4133	2	NUT (M10X1.5-THD)						
M	5	1	8T-4195	2	BOLT (M10X1.5X30-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01249322

ELECTRICAL AND STARTING SYSTEM

263-6452 PLUG GP-BOX

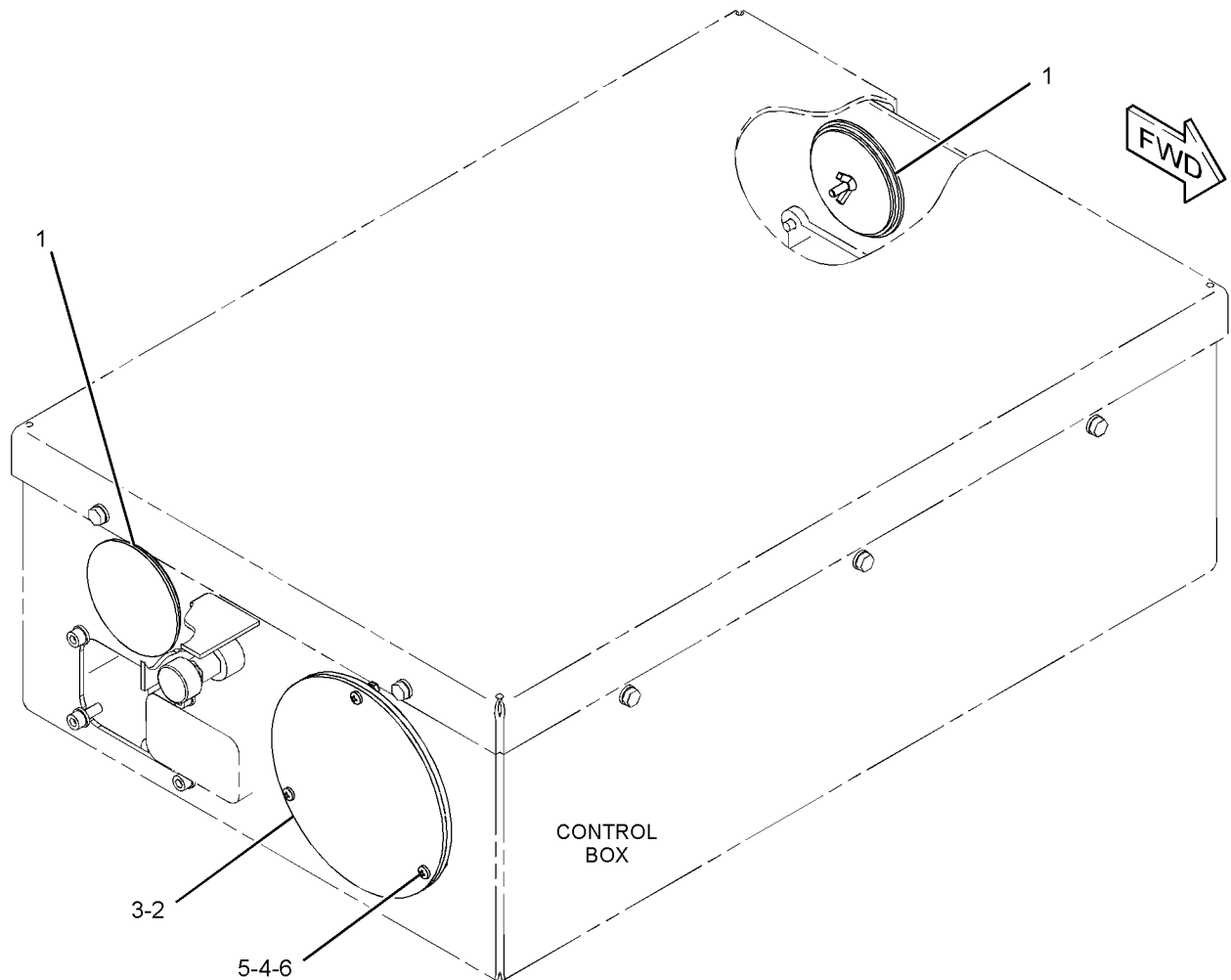
S/N: WYB1-UP
AN ATTACHMENT

SMCS-7426

i02437073

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	131-9131	2	SEAL-CONNECTOR (76-MM ID)						
	2	1	263-6477	1	COVER						
	3	1	263-6478	1	SEAL						
	4	1	3B-4501	3	LOCKWASHER						
M	5	1	5C-8312	3	NUT (M4X0.7-THD)						
M	6	1	6V-9672	3	SCREW-MACHINE (M4X0.7X16-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01221026

ELECTRICAL AND STARTING SYSTEM

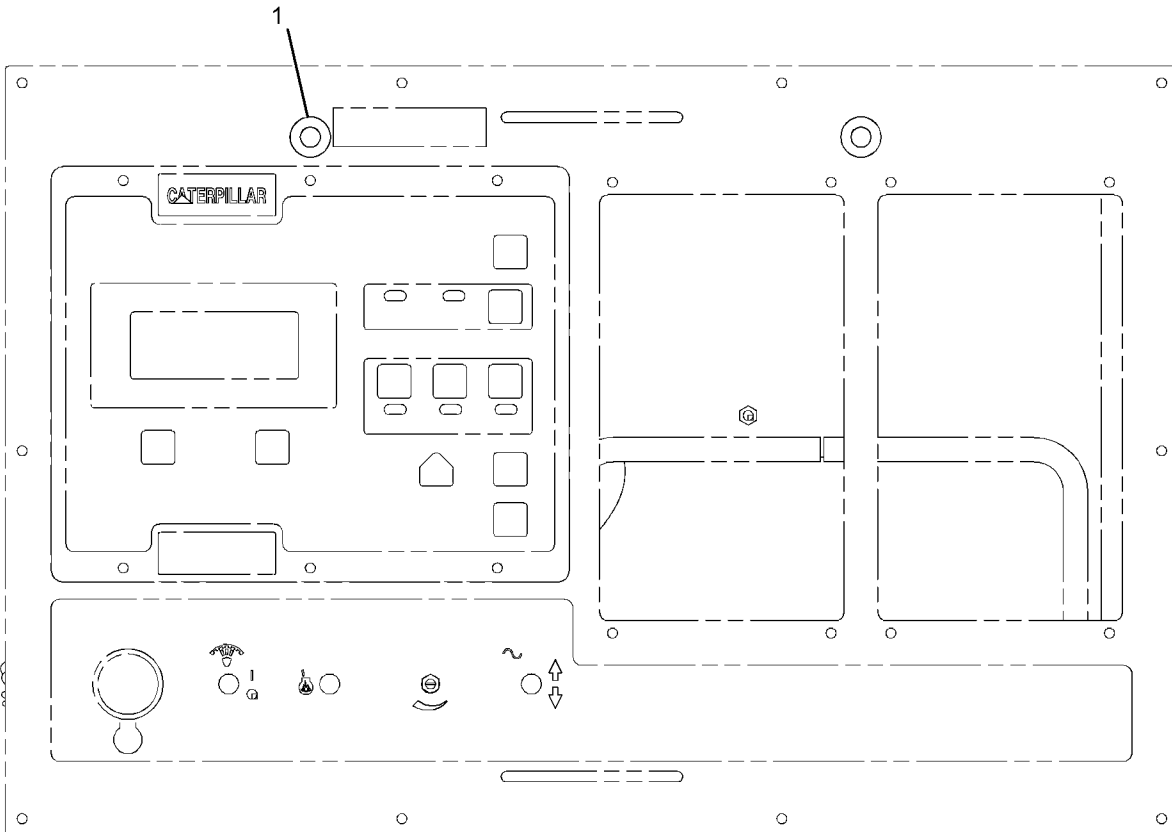
252-7700 PLUG GP-CONNECTOR-PANEL LIGHTS

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1408

i02330181

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-4935	2	PLUG-BUTTON						



GRAPHIC #1

<END>

g01164850

ELECTRICAL AND STARTING SYSTEM

250-0865 SENSOR GP-PRESSURE

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1718, 1916, 1917, 1923, 1924, 1925

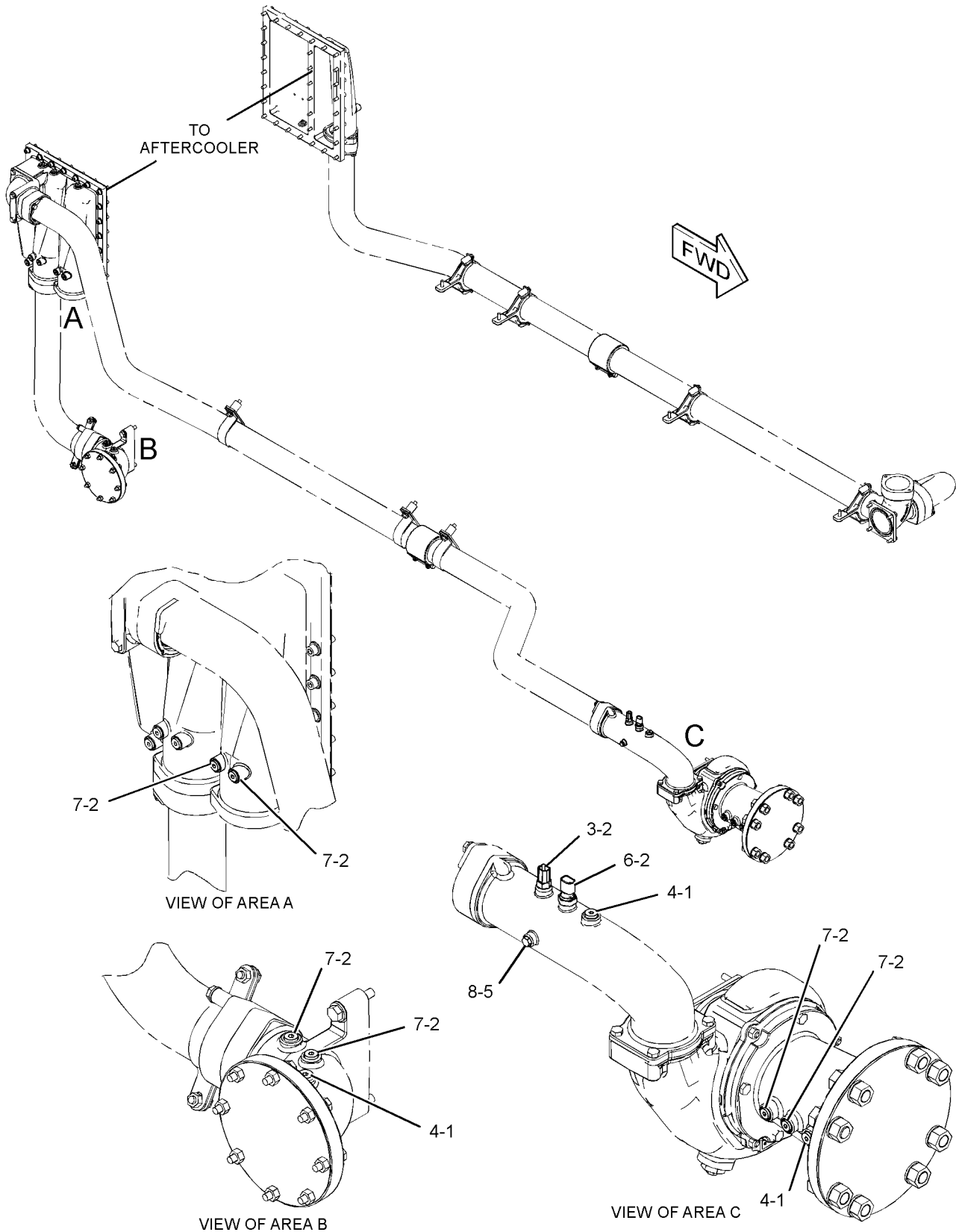
i02443552

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	216-8579	3	SEAL-O-RING						
	2	1	219-0669	8	SEAL-O-RING						
	3	1	238-0112	1	SENSOR GP-TEMPERATURE (SCAC CORE WATER INLET)						
	4	1	241-6170	3	PLUG						
	5	1	262-9990	1	SEAL-O-RING						
	6	1	274-6721	1	SENSOR GP-PRESSURE (SCAC PUMP OUTLET)						
	7	1	241-6157	6	PLUG						
	8	1	3E-7417	1	PLUG						

ELECTRICAL AND STARTING SYSTEM

250-0865 SENSOR GP - PRESSURE (contd.)

i02443552



GRAPHIC #1

<END>

g01222089

ELECTRICAL AND STARTING SYSTEM

247-1893 SENSOR GP-SPEED

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1907

i02444287

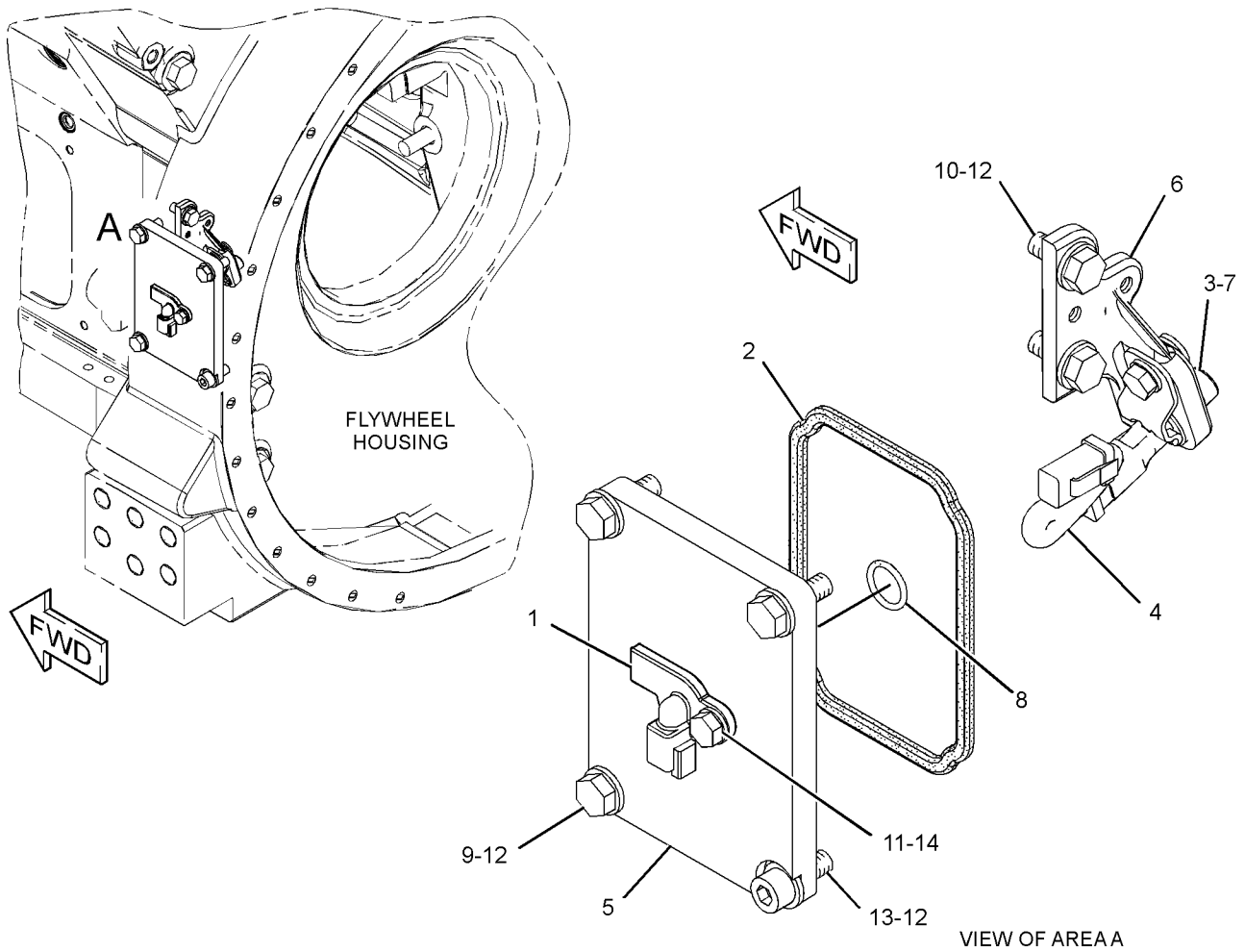
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-0352	1	RECEPTACLE AS						
	2	1	9X-7562	1	SEAL-O-RING						
	3	1	244-5544	1	SENSOR GP-SPEED (TIMING, CRANKSHAFT)						
	4	1	250-3024	1	HARNESS AS-SENSOR						
		1	155-2270	2	KIT-CONNECTING PLUG (2-PIN) (EACH INCLUDES PLUG AS AND WEDGE)						
		1	9X-3402	4	SOCKET-CONNECTOR (16-GA TO 18-GA)						
E		1	8T-6342		TUBE-HEAT SHRINK (3.2-MM DIA) (20-CM)						
	5	1	273-3508	1	COVER						
	6	1	275-2259	1	BRACKET AS						
		1	8S-6814	2	PIN						
	7	1	117-1385	1	SEAL-O-RING						
	8	1	6J-2245	1	SEAL-O-RING						
M	9	1	6V-1820	3	BOLT (M10X1.5X30-MM)						
M	10	1	6V-4248	2	BOLT (M10X1.5X25-MM)						
M	11	1	6V-5215	1	BOLT (M8X1.25X16-MM)						
	12	1	6V-5839	6	WASHER (11X21X2.5-MM THK)						
M	13	1	8T-1159	1	BOLT-SOCKET HEAD (M10X1.5X25-MM)						
	14	1	9M-1974	1	WASHER-HARD (8.8X16X2-MM THK)						

E-ORDER BY THE CENTIMETER
M-METRIC PART

ELECTRICAL AND STARTING SYSTEM

247-1893 SENSOR GP-SPEED (contd.)

i02444287



GRAPHIC #1

g01223262

ELECTRICAL AND STARTING SYSTEM

250-1791 SENSOR GP-SPEED

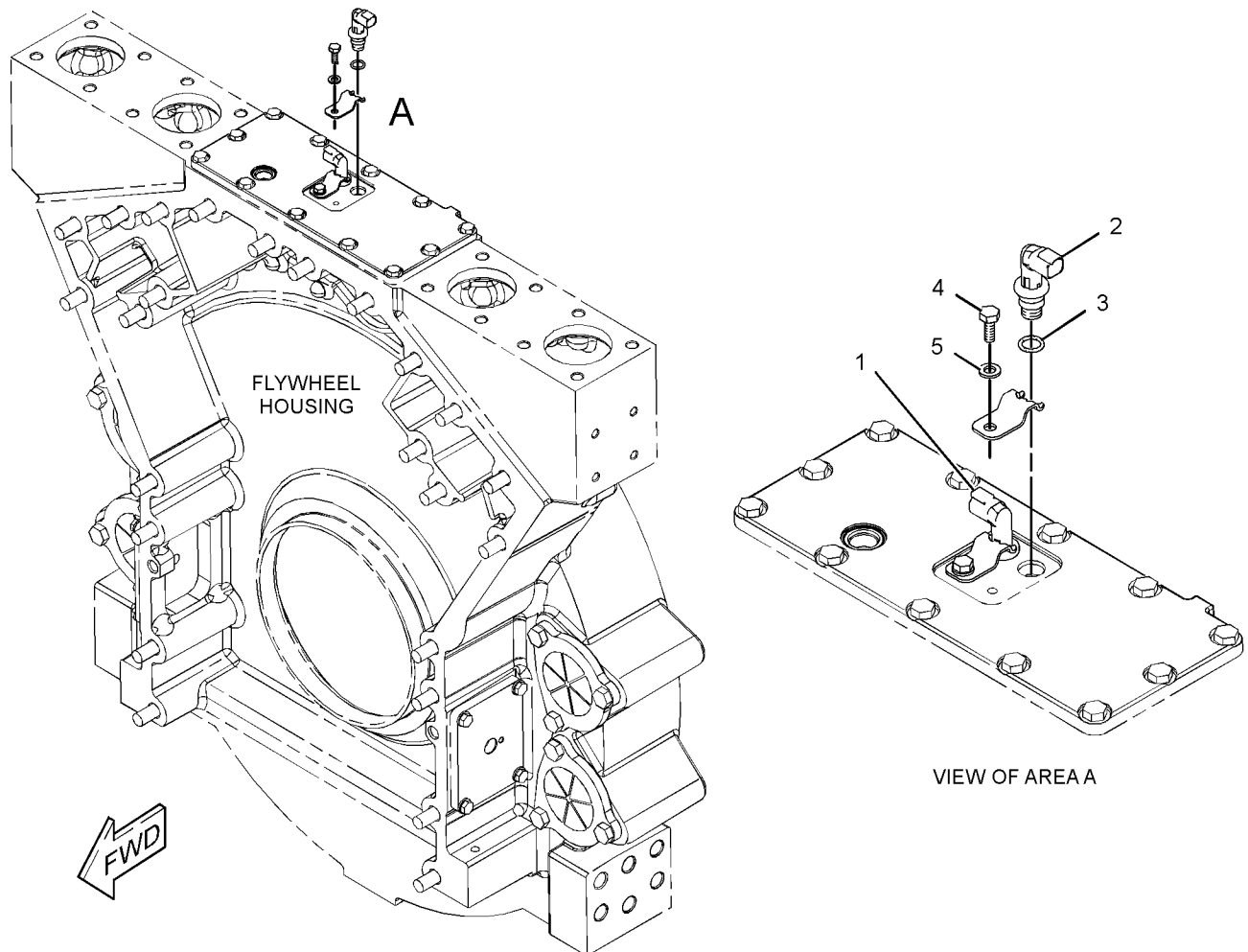
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1907

i02443566

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	191-8304	1	SENSOR GP-SPEED (SECONDARY, TIMING, CAMSHAFT)						
	2	1	191-8305	1	SENSOR GP-SPEED (PRIMARY, TIMING, CAMSHAFT)						
	3	1	117-1385	2	SEAL-O-RING						
M	4	1	6V-5217	2	BOLT (M8X1.25X20-MM)						
	5	1	9M-1974	2	WASHER-HARD (8.8X16X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01229071

ELECTRICAL AND STARTING SYSTEM

278-7303 SENSOR GP-SPEED

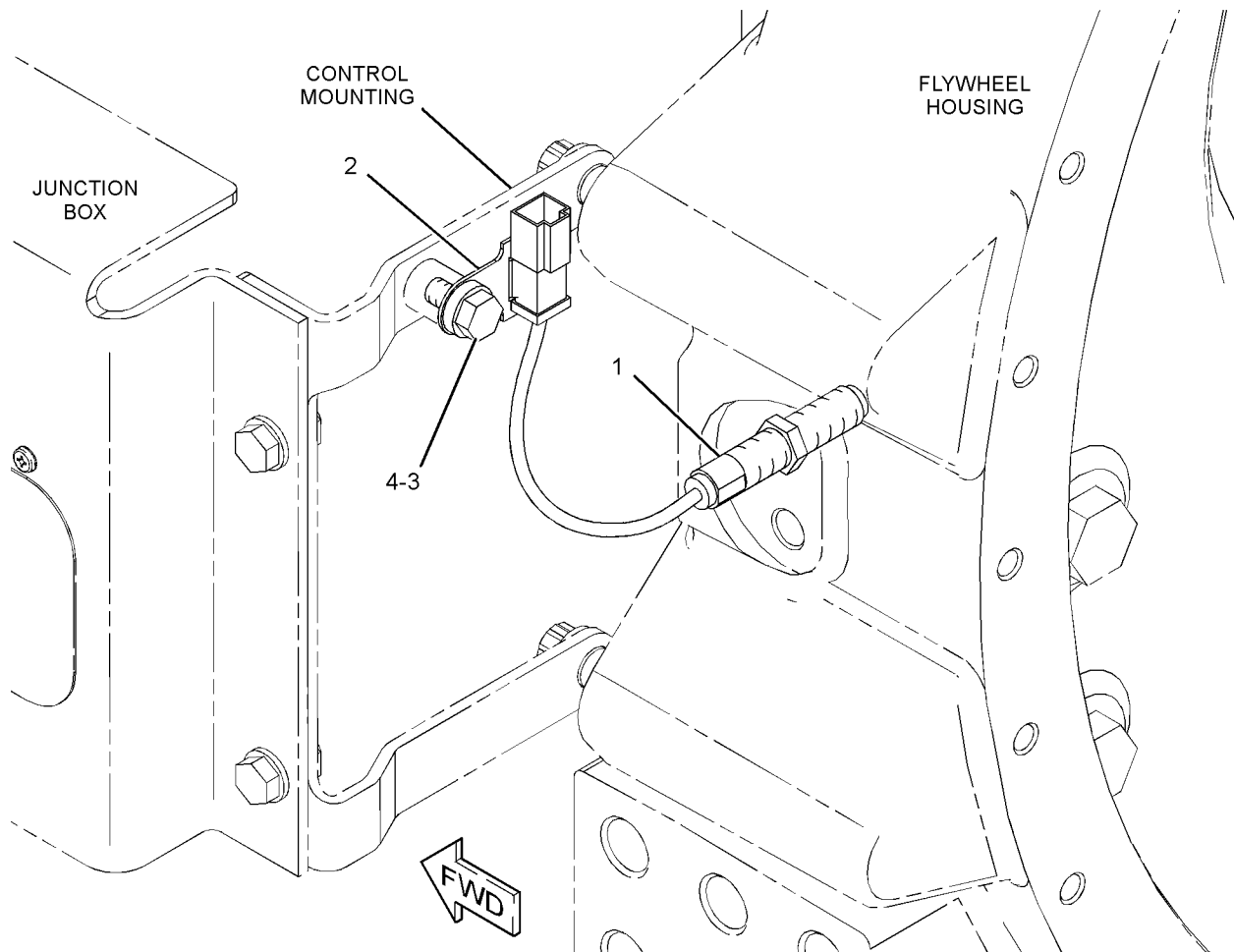
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1907

i02479786

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	116-6680	1	SENSOR AS-SPEED (ENGINE)						
		1	102-8802	2	KIT-RECEPTACLE (2-PIN) (EACH INCLUDES RECEPTACLE AS & WEDGE)						
		1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)						
E		1	9X-1386		SLEEVE (14-CM)						
		1	171-5349	1	STRAP-MARKER						
	2	1	130-5300	1	CLIP						
M	3	1	8T-4137	1	BOLT (M10X1.5X20-MM)						
	4	1	8T-7934	1	WASHER-HARD (11X21X5-MM THK)						

E-ORDER BY THE CENTIMETER
M-METRIC PART



GRAPHIC #1

<END>

g01239283

ELECTRICAL AND STARTING SYSTEM

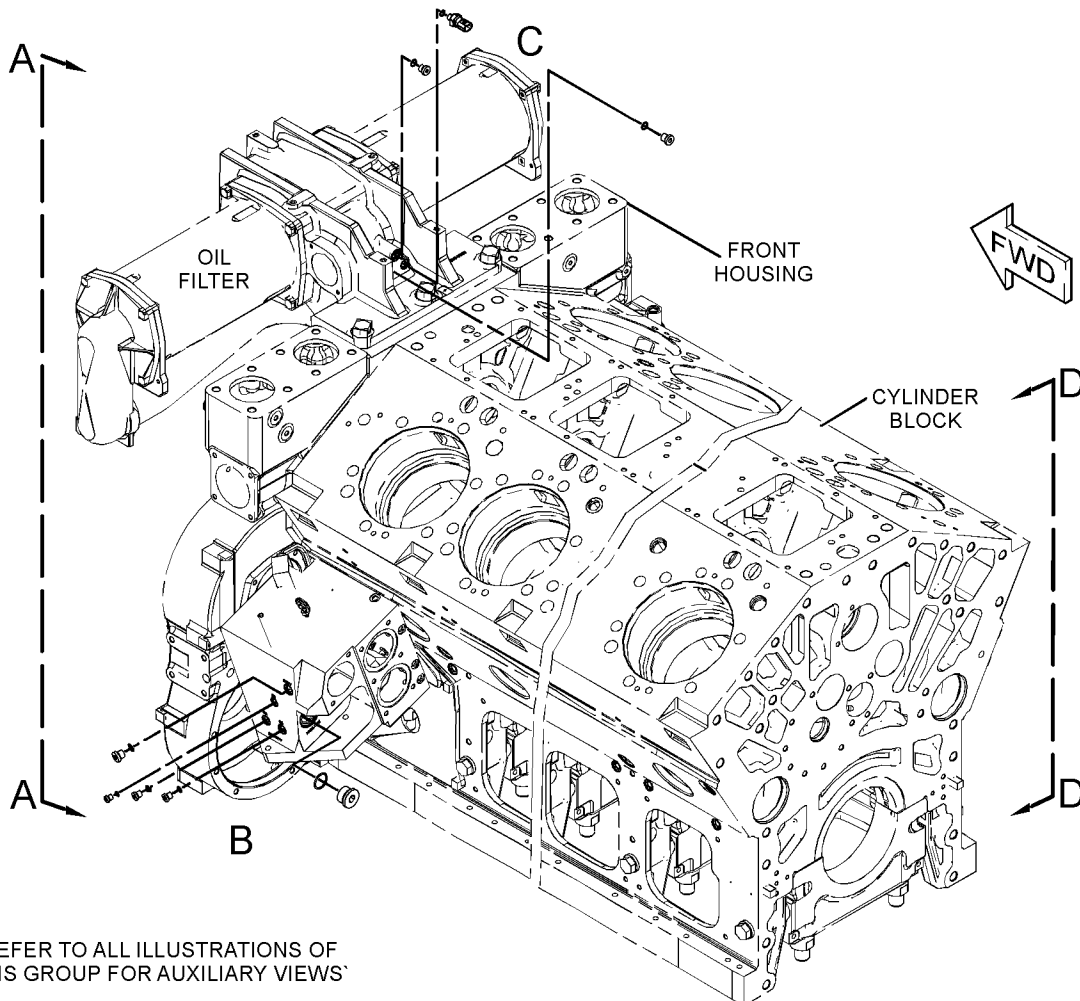
247-1894 SENSOR GP-TEMP & PRESS

S/N: WYB1-UP
AN ATTACHMENT

SMCS-7400

i02444289

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	238-0112	1	SENSOR GP-TEMPERATURE (ENGINE BLOCK OIL INLET)						
	2	2	241-1798	1	SENSOR GP-PRESSURE (CRANKCASE)						
	3	2	241-6170	2	PLUG						
	4	2	250-1421	1	CONNECTOR						
	5	2	274-6721	1	SENSOR GP-PRESSURE (ENGINE OIL FILTER INLET)						
	5A	2	274-6721	1	SENSOR GP-PRESSURE (ENGINE BLOCK OIL INLET)						
	6	2	215-4639	1	SEAL-O-RING						
	7	2	217-7184	1	PLUG						
	8	2	228-7100	7	SEAL-O-RING						
	9	2	228-7101	3	SEAL-O-RING						
	10	2	228-7102	1	SEAL-O-RING						
	11	2	241-6157	3	PLUG						
	12	2	241-6158	1	PLUG						
	13	2	260-9153	1	PLUG						
	14	2	8C-3076	1	SEAL-O-RING						



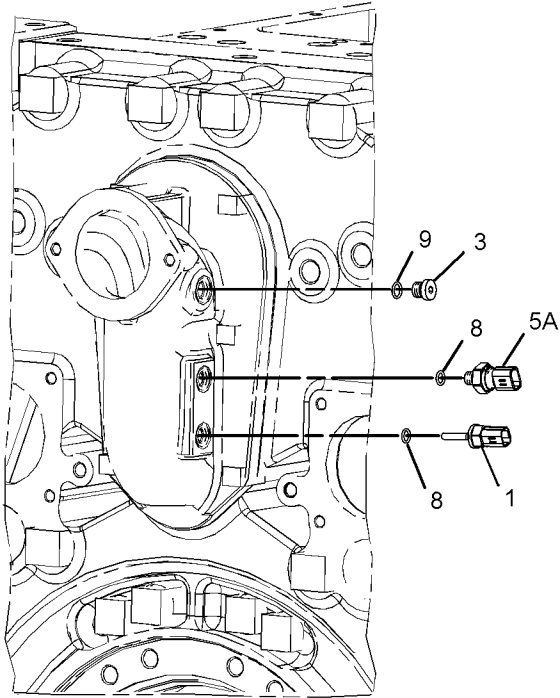
GRAPHIC #1

g01223107

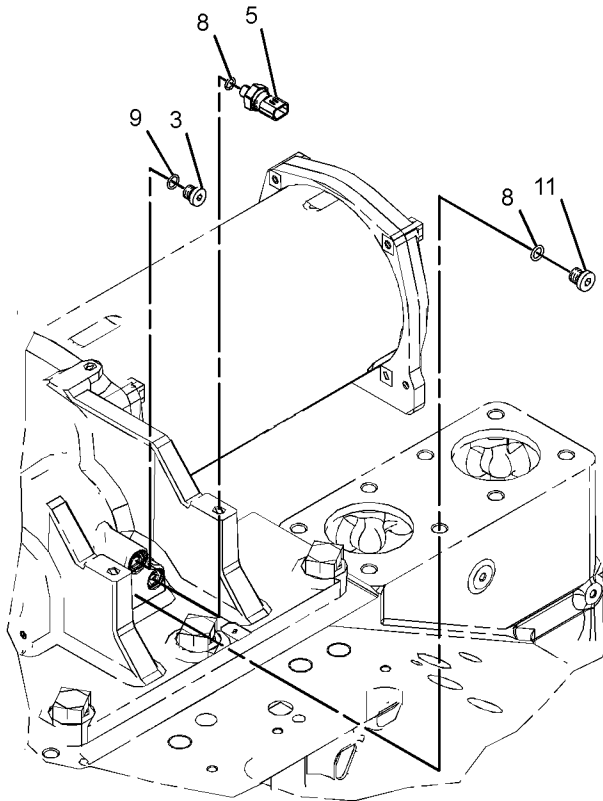
ELECTRICAL AND STARTING SYSTEM

247-1894 SENSOR GP-TEMP & PRESS (contd.)

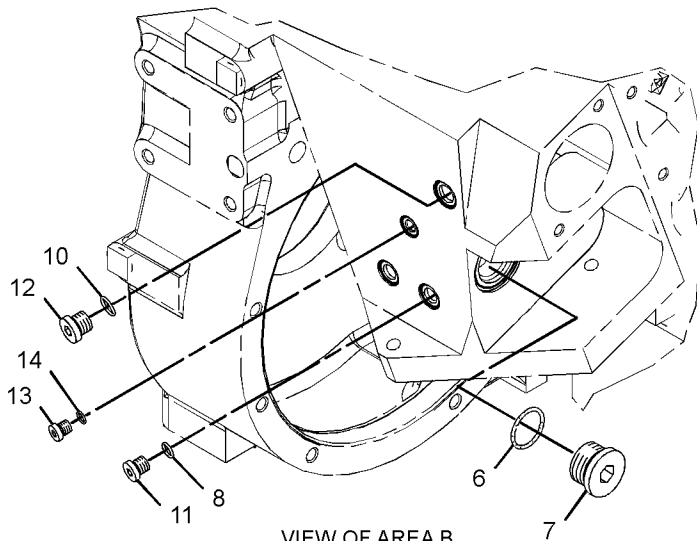
i02444289



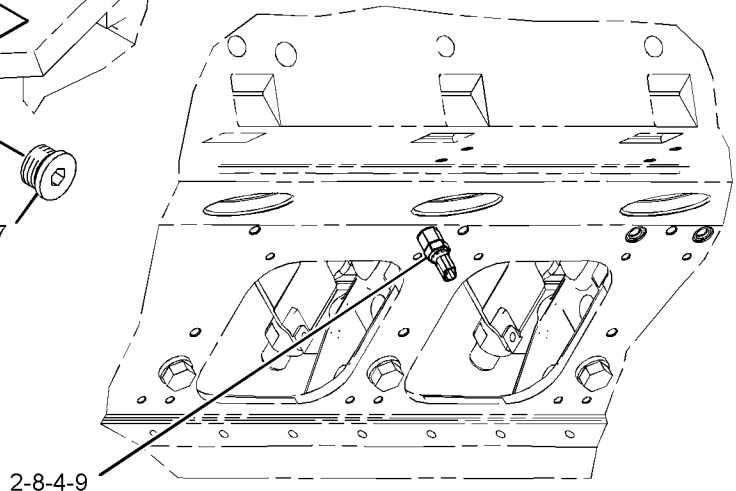
SECTION A-A



VIEW OF AREA C



VIEW OF AREA B



SECTION D-D

GRAPHIC #2

<END>

g01223126

ELECTRICAL AND STARTING SYSTEM

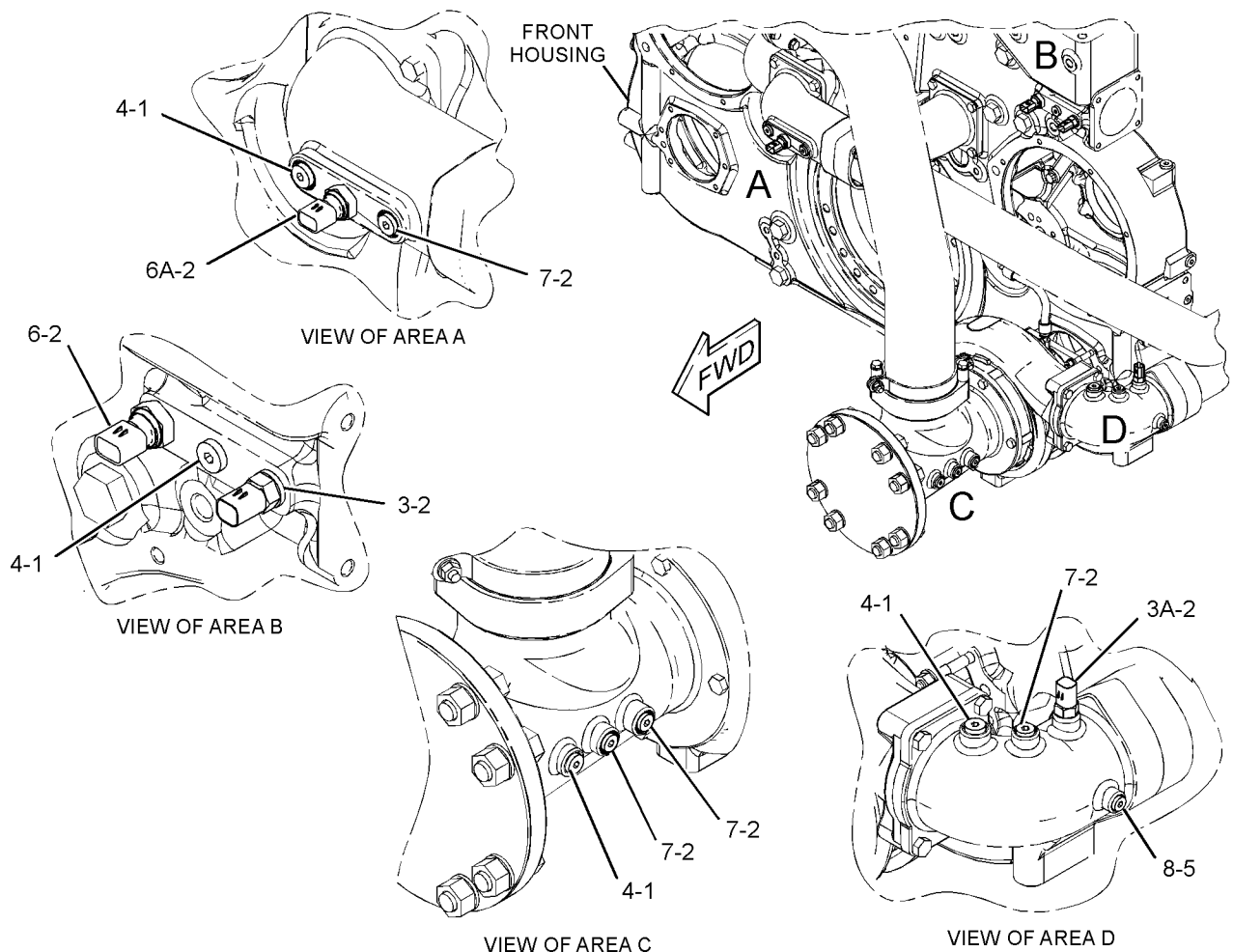
250-0863 SENSOR GP-TEMP & PRESS

S/N: WYB1-UP
AN ATTACHMENT

SMCS-7400

i02443548

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	216-8579	4	SEAL-O-RING						
	2	1	219-0669	8	SEAL-O-RING						
	3	1	238-0112	1	SENSOR GP-TEMPERATURE (ENGINE BLOCK COOLANT OUTLET)						
	3A	1	238-0112	1	SENSOR GP-TEMPERATURE (ENGINE COOLANT PUMP OUTLET)						
	4	1	241-6170	4	PLUG						
	5	1	262-9990	1	SEAL-O-RING						
	6	1	274-6721	1	SENSOR GP-PRESSURE (ENGINE BLOCK COOLANT OUTLET)						
	6A	1	274-6721	1	SENSOR GP-PRESSURE (ENGINE BLOCK COOLANT INLET)						
	7	1	241-6157	4	PLUG						
	8	1	260-9153	1	PLUG						



GRAPHIC #1

<END>

g01223059

ELECTRICAL AND STARTING SYSTEM

250-0864 SENSOR GP-TEMP & PRESS-AIR INLET

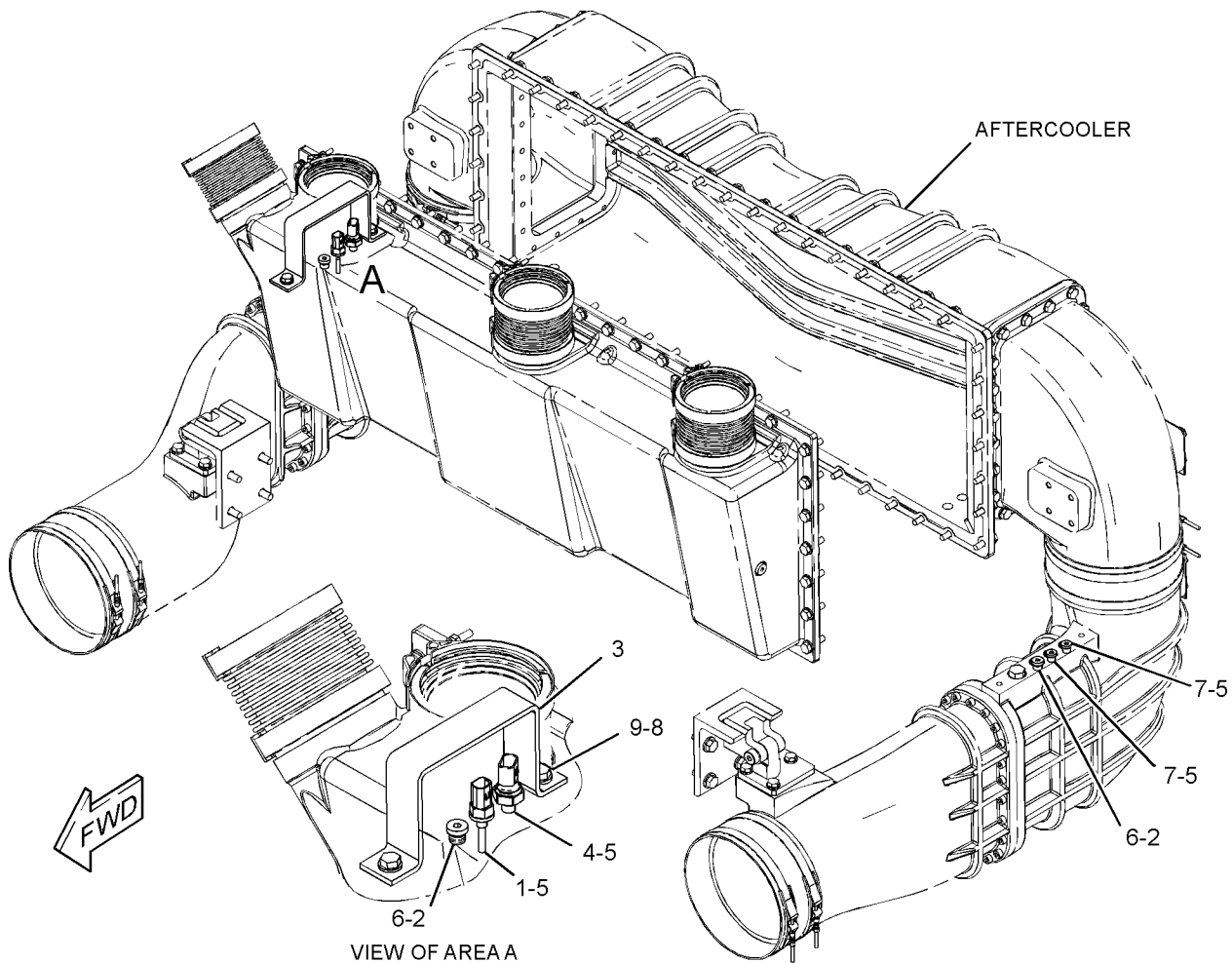
S/N: WYB1-UP
AN ATTACHMENT

SMCS-7400

i02441304

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	238-0112	1	SENSOR GP-TEMPERATURE (AIR INLET)						
	2	1	241-6170	2	PLUG						
	3	1	263-6457	1	BRACKET						
	4	1	274-6721	1	SENSOR GP-PRESSURE (AIR INLET)						
	5	1	228-7100	4	SEAL-O-RING						
	6	1	228-7101	2	SEAL-O-RING						
	7	1	241-6157	2	PLUG						
	8	1	6V-5839	2	WASHER (11X21X2.5-MM THK)						
M	9	1	6V-6317	2	BOLT (M10X1.5X20-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01221149

ELECTRICAL AND STARTING SYSTEM

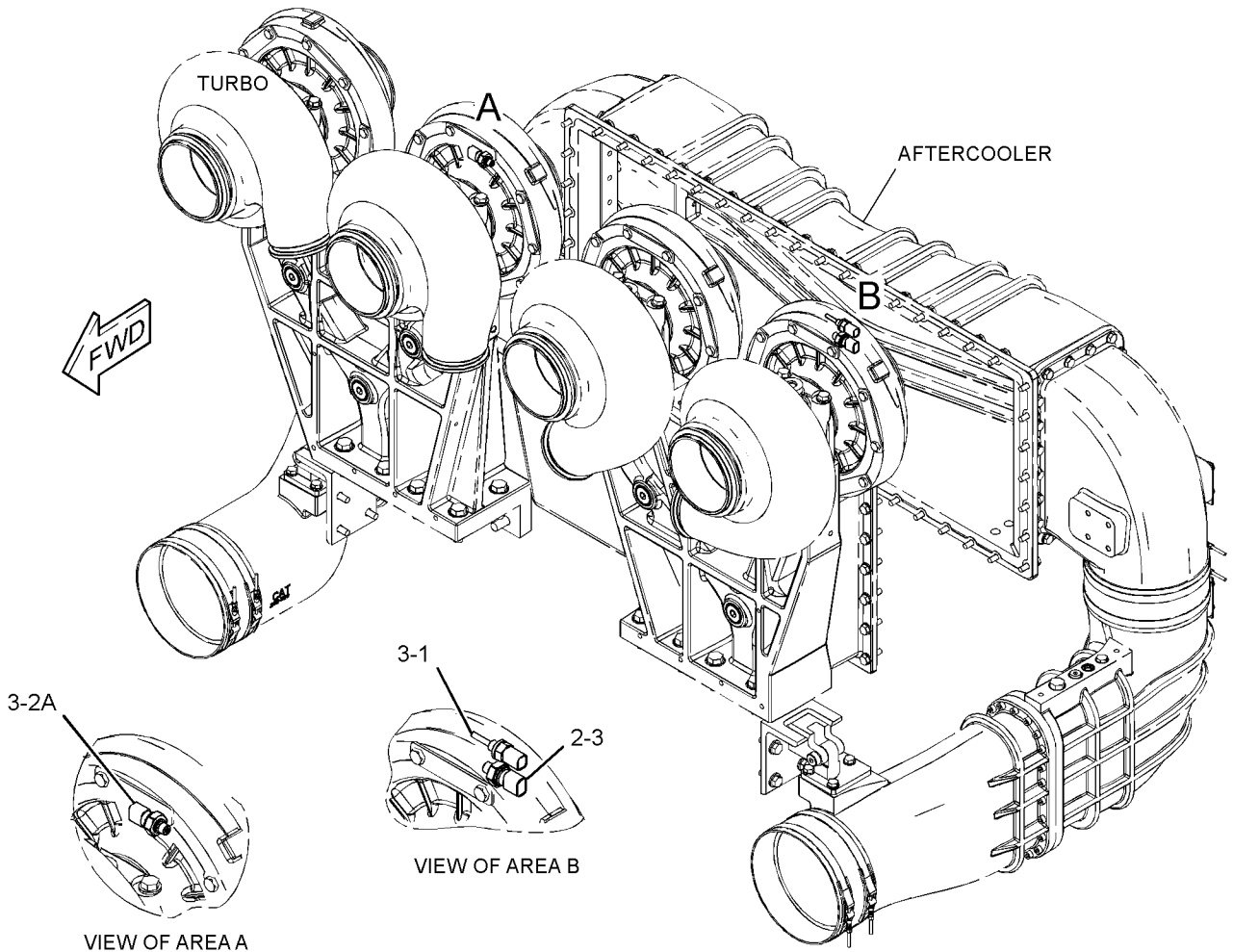
250-0866 SENSOR GP-TEMP & PRESS

S/N: WYB1-UP
AN ATTACHMENT

SMCS-7400

i02443553

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	238-0112	1	SENSOR GP-TEMPERATURE (TURBOCHARGER INLET)						
	2	1	241-1798	1	SENSOR GP-PRESSURE (TURBOCHARGER INLET, LH)						
	2A	1	241-1798	1	SENSOR GP-PRESSURE (TURBOCHARGER INLET, RH)						
	3	1	228-7100	3	SEAL-O-RING						



GRAPHIC #1

<END>

g01222078

ELECTRICAL AND STARTING SYSTEM

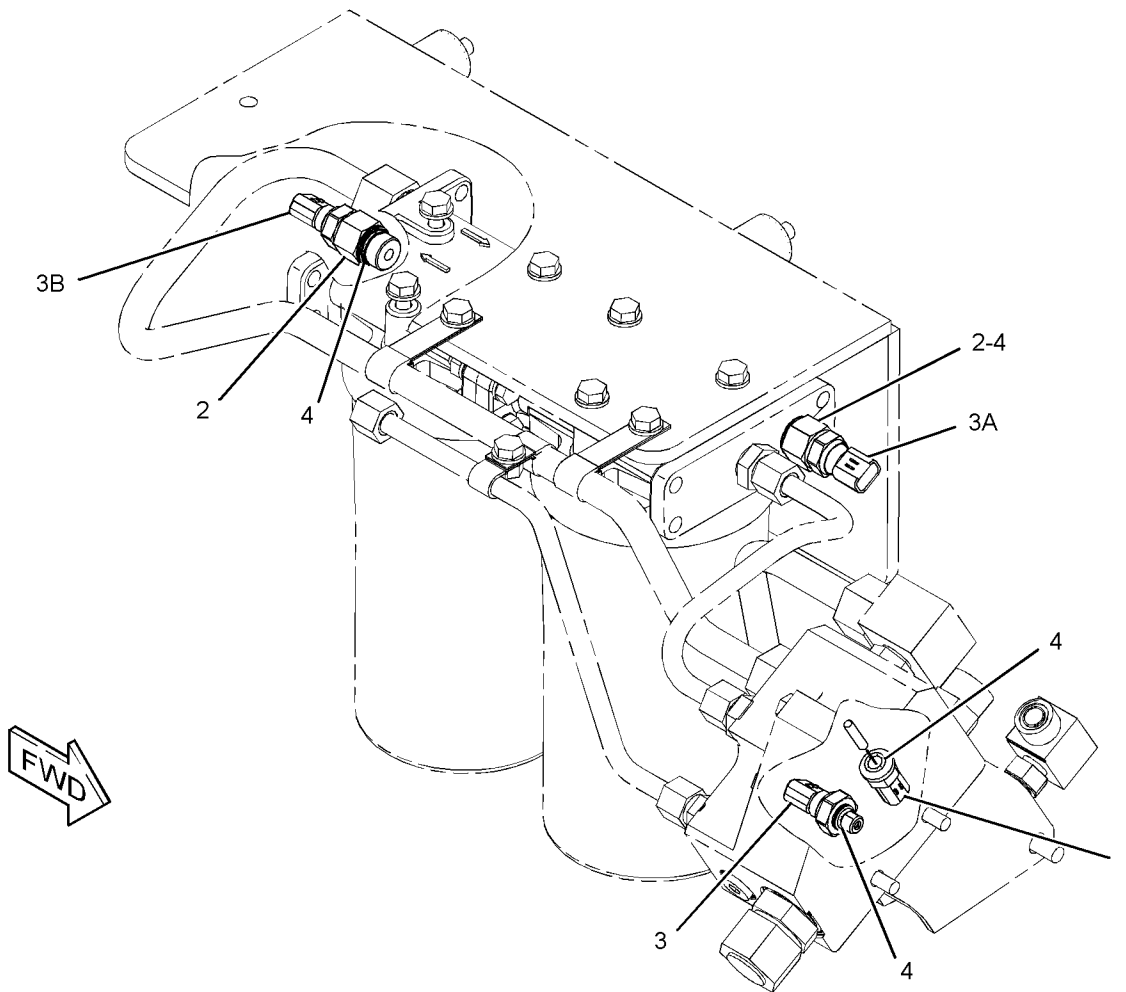
250-0867 SENSOR GP-TEMP & PRESS

S/N: WYB1-UP
AN ATTACHMENT

SMCS-7400

i02443557

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	238-0112	1	SENSOR GP-TEMPERATURE (FUEL TRANSFER)						
	2	1	260-9230	2	FITTING AS						
		1	228-7105	1	SEAL-O-RING						
	3	1	274-6721	1	SENSOR GP-PRESSURE (FUEL TRANSFER PUMP INLET)						
	3A	1	274-6721	1	SENSOR GP-PRESSURE (FUEL TRANSFER PUMP OUTLET)						
	3B	1	274-6721	1	SENSOR GP-PRESSURE (FILTERED FUEL)						
	4	1	228-7100	4	SEAL-O-RING						



GRAPHIC #1

<END>

g01222733

ELECTRICAL AND STARTING SYSTEM

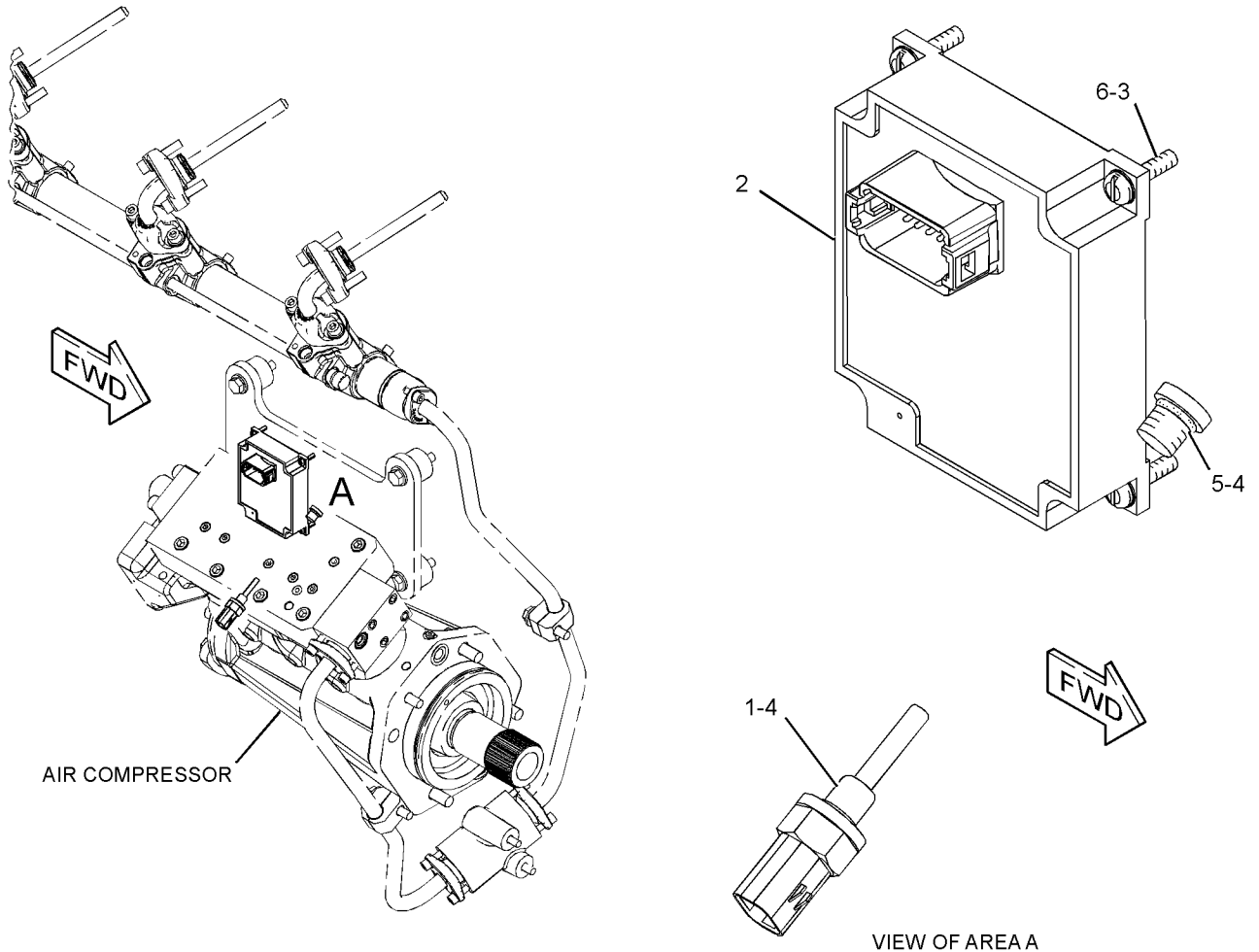
250-0868 SENSOR GP-TEMP & PRESS

S/N: WYB1-UP
AN ATTACHMENT

SMCS-7400

i02443560

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	238-0112	1	SENSOR GP-TEMPERATURE (FUEL RAIL)						
	2	1	253-7745	1	POWER SUPPLY (14-VOLT)						
	3	1	1H-0159	4	LOCKWASHER						
	4	1	228-7100	2	SEAL-O-RING						
	5	1	241-6157	1	PLUG						
	6	1	260-6705	4	SCREW-PAN HEAD						



GRAPHIC #1

<END>

g01223250

ELECTRICAL AND STARTING SYSTEM

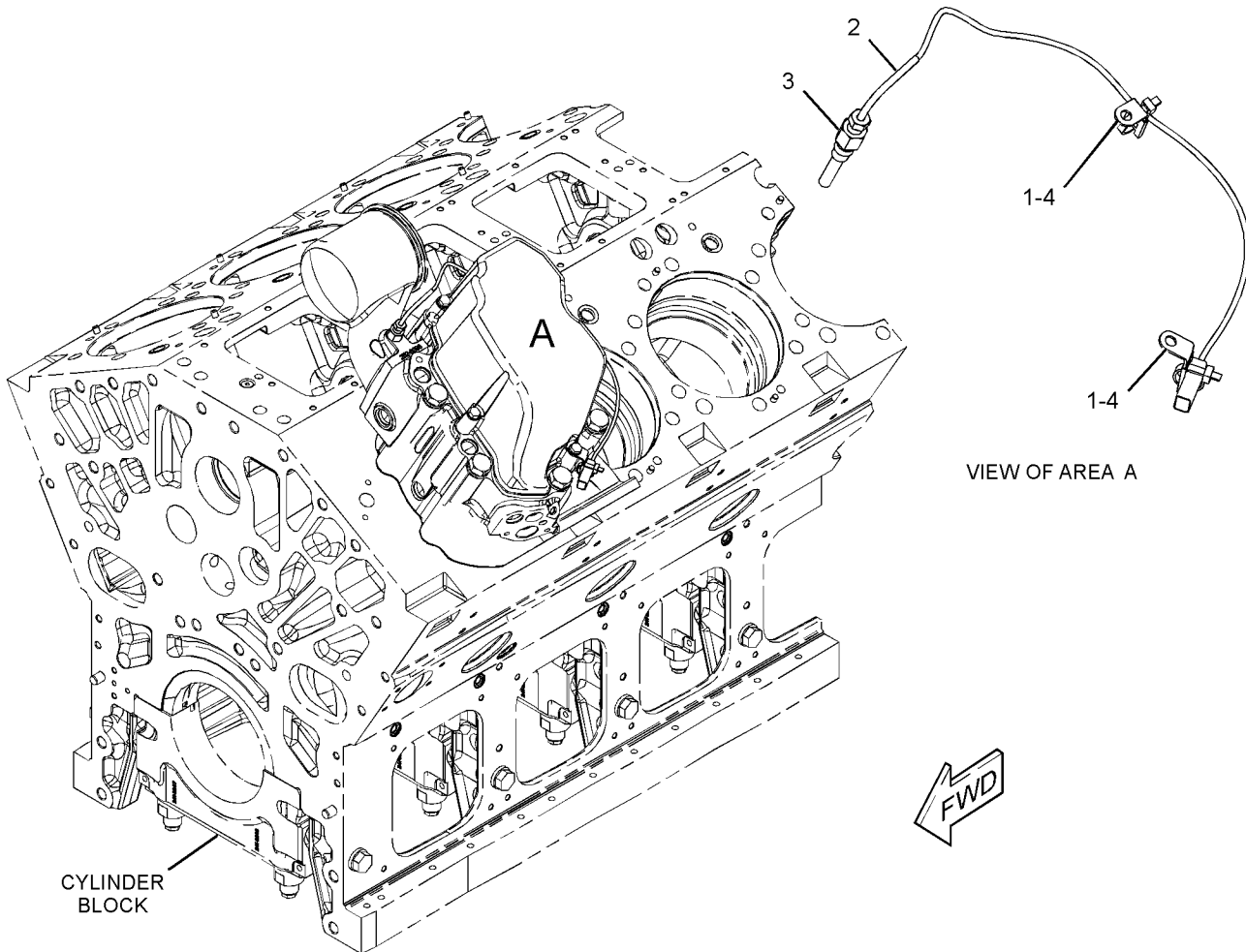
250-1794 SENSOR GP-TEMPERATURE

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1906, 1919, 1921, 1922, 1928, 1929

i02443600

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7K-1181	2	STRAP - CABLE						
	2	1	262-1957	1	SENSOR GP-TEMPERATURE (EXHAUST)						
	3	1	263-6649	1	THERMOWELL						
	4	1	4P-8134	2	CLIP						



GRAPHIC #1

<END>

g01223258

ELECTRICAL AND STARTING SYSTEM

263-6779 SENSOR GP-TEMPERATURE-TURBOCHARGER INLET

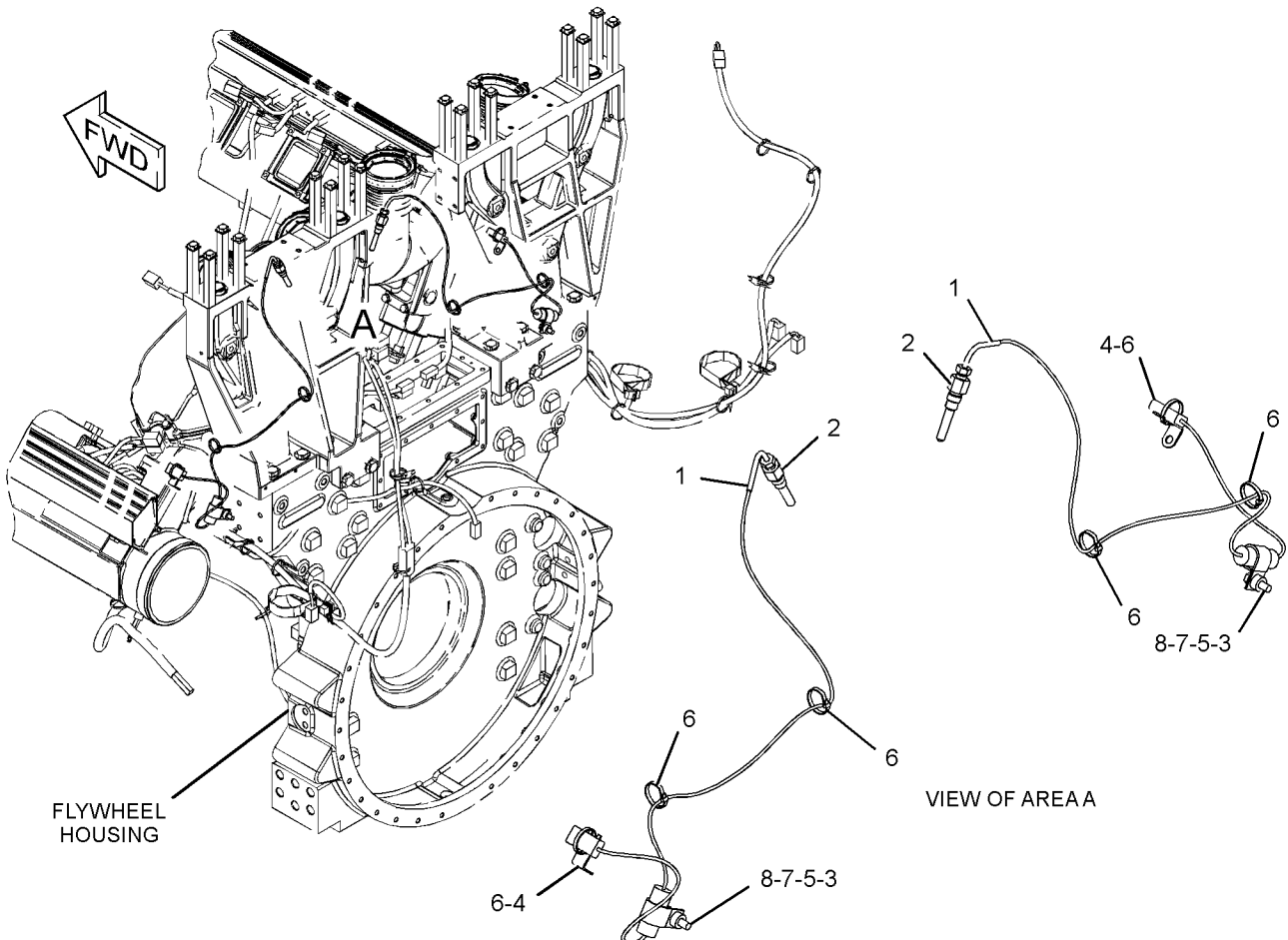
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1906, 1919, 1921, 1922, 1928, 1929

i02441228

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	247-7635	2	SENSOR GP-TEMPERATURE (TURBOCHARGER INLET)						
	2	1	263-6649	2	THERMOWELL						
	3	1	091-0081	2	SPACER (10.5X20X10-MM THK)						
	4	1	132-5789	2	CLIP						
	5	1	4S-1962	2	CLIP						
	6	1	7K-1181	6	STRAP-CABLE						
	7	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
M	8	1	8T-4195	2	BOLT (M10X1.5X30-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01222130

ELECTRICAL AND STARTING SYSTEM

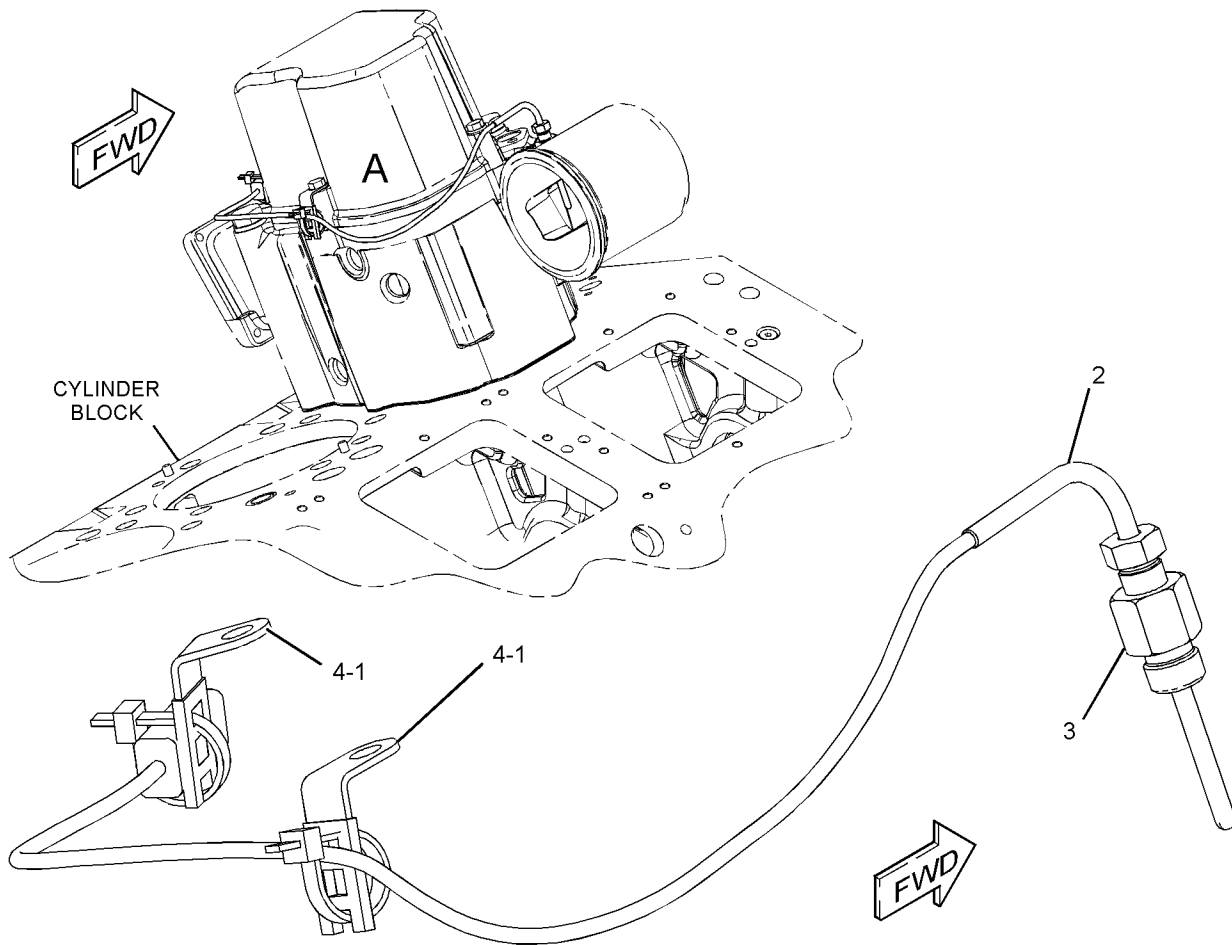
263-6780 SENSOR GP-TEMPERATURE-EXHAUST

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1906, 1919, 1921, 1922, 1928, 1929

i02465627

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7K-1181	2	STRAP-CABLE						
	2	1	262-1957	1	SENSOR GP-TEMPERATURE (EXHAUST)						
	3	1	263-6648	1	ADAPTER						
	4	1	4P-8134	2	CLIP						



VIEW OF AREA A

GRAPHIC #1

<END>

g01224466

ELECTRICAL AND STARTING SYSTEM

271-0185 SENSOR GP-TEMPERATURE-GENERATOR BEARING

S/N: WYB1-UP

FOR USE WITH 2-BEARING GENERATOR
AN ATTACHMENT

SMCS-1906, 1919, 1921, 1922, 1928, 1929

i02418642

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	271-0188	1	KIT-WIRING (BEARING TEMPERATURE SENSOR)						
	271-0187	1	SENSOR-TEMPERATURE (GENERATOR BEARING)						

<END>

ELECTRICAL AND STARTING SYSTEM

271-0168 STARTING AID GP-ETHER

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1456

i02440984

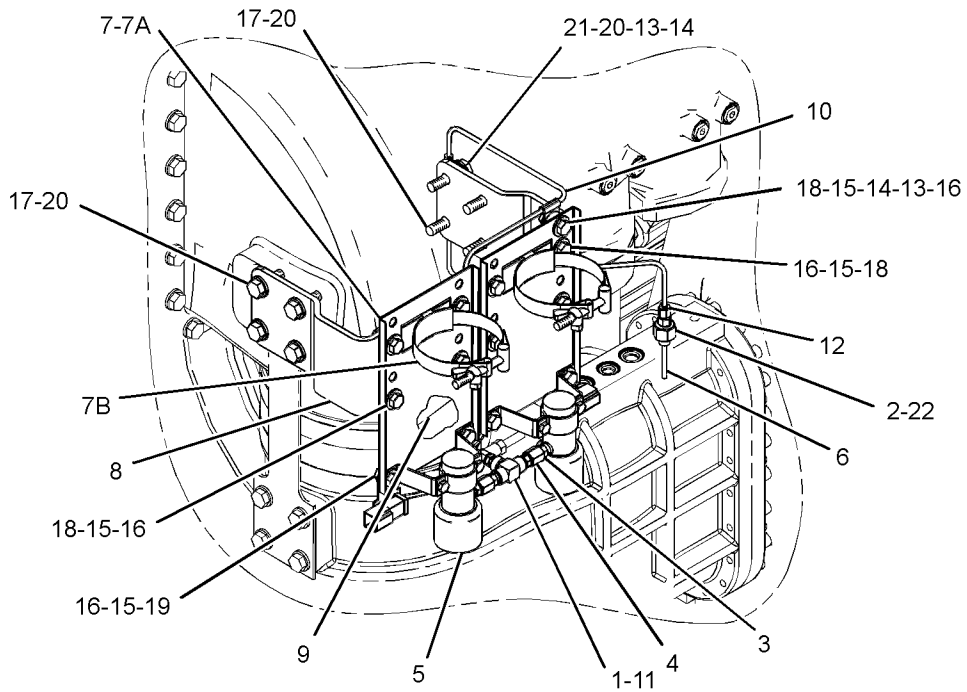
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-3741	1	TEE-PIPE						
	2	1	134-4123	1	BUSHING-REDUCING						
	3	1	268-1623	2	CONNECTOR						
	4	1	268-1624	2	CONNECTOR						
	5	1	271-0164	2	VALVE GP-ETHER STARTING (EACH INCLUDES)						
		1	7N-9801	1	GASKET						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN) (INCLUDES RECEPTACLE AS AND WEDGE						
		1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)						
	6	1	271-0165	1	ATOMIZER AS-ETHER						
	7	1	276-6597	2	MOUNTING GP-ETHER CANISTER (EACH INCLUDES)						
	7A	1	236-8013	1	BRACKET						
	7B	1	276-6596	1	CLAMP						
	8	1	276-8886	2	BRACKET						
	9	1	276-8887	1	PLATE						
	10	1	276-8894	1	TUBE						
	11	1	279-6054	1	FITTING						
	12	1	279-6055	2	NUT-SLEEVE						
	13	1	279-8859	2	CLIP						
	14	1	091-0081	2	SPACER (10.5X20X10-MM THK)						
	15	1	5P-4116	26	WASHER-HARD (8.8X20.5X2-MM THK)						
M	16	1	5P-7970	13	NUT (M8X1.25-THD)						
M	17	1	6V-1820	7	BOLT (M10X1.5X30-MM)						
M	18	1	6V-3940	5	BOLT (M8X1.25X25-MM)						
M	19	1	6V-5217	8	BOLT (M8X1.25X20-MM)						
	20	1	6V-5839	8	WASHER (11X21X2.5-MM THK)						
M	21	1	6V-5842	1	BOLT (M10X1.5X40-MM)						
	22	1	8C-3076	1	SEAL-O-RING						
	AF		275-3634	2	CYLINDER AS-ETHER						

A-NOT PART OF THIS GROUP
F-NOT SHOWN
M-METRIC PART

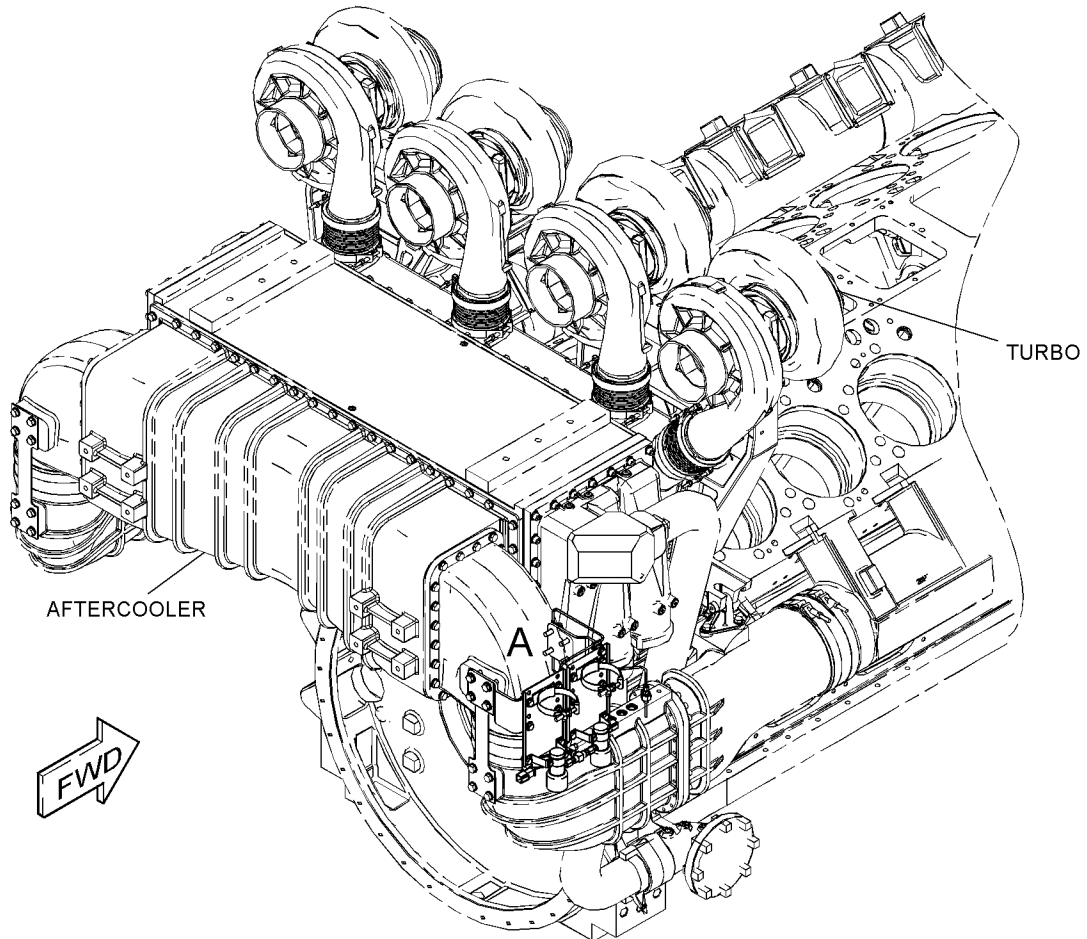
ELECTRICAL AND STARTING SYSTEM

271-0168 STARTING AID GP-ETHER (contd.)

i02440984



VIEW OF AREA A



GRAPHIC #1

<END>

g01221630

ELECTRICAL AND STARTING SYSTEM

205-4824 STARTING MOTOR GP-AIR-TURBINE

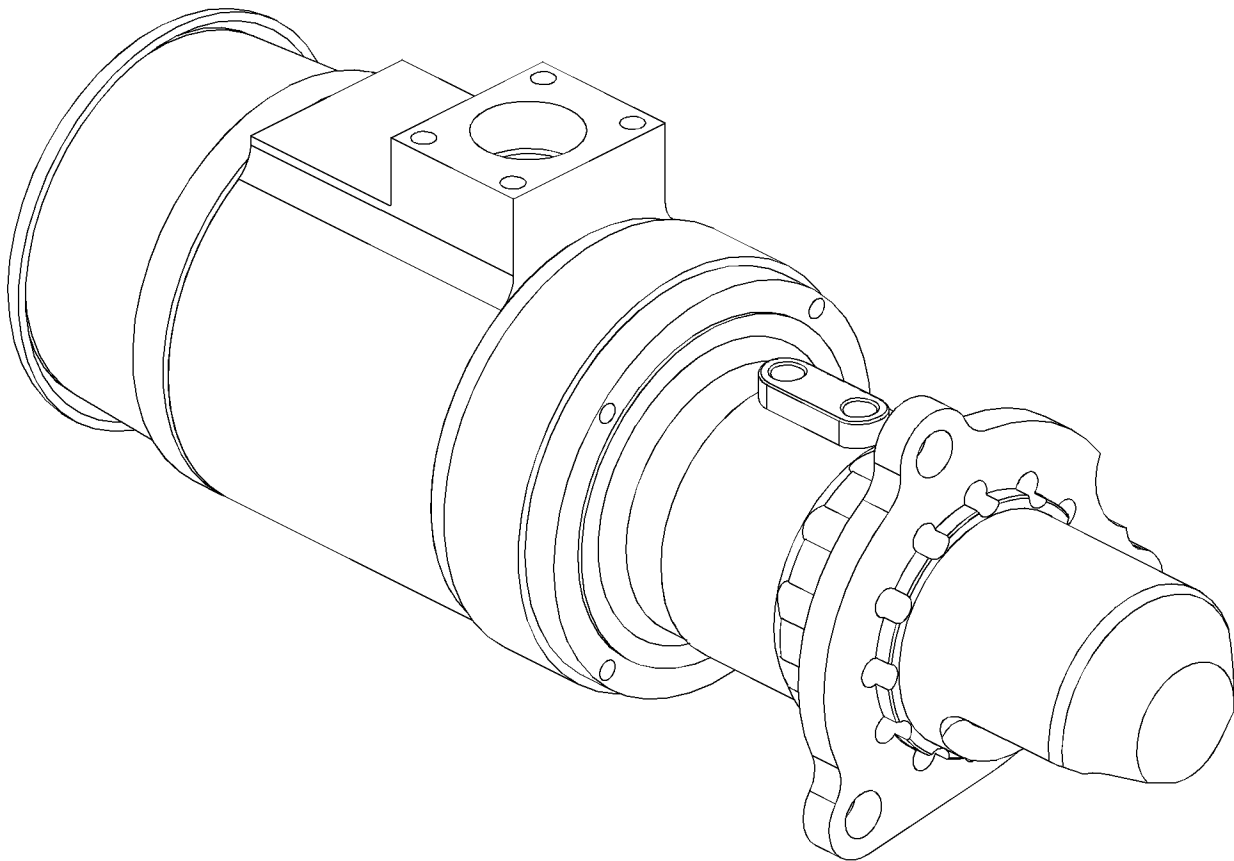
S/N: WYB1-UP

PART OF 281-2481 STARTING MOTOR GP-AIR
AN ATTACHMENT

SMCS-1451

i02477230

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
					AVAILABLE REPAIR KIT(S):						
			205-4825	1	KIT-OVERHAUL (TURBINE AIR STARTER) (INCLUDES SPLIT RINGS, LIP SEAL, SPACERS, O-RINGS, SPRING WASHERS, BEARINGS, RETAINING RING, NUT, THRUST WASHERS, RHEOLUBE, AND SCREWS)						
			278-0513	1	KIT-STARTER REPAIR (TURBINE AIR STARTER) (INCLUDES STARTER DRIVE)						
			205-4827	1	KIT-ROTOR (FIRST STAGE AIR STARTER) (INCLUDES ROTOR)						
			209-5216	1	KIT-ROTOR (SECOND STAGE AIR STARTER) (INCLUDES ROTOR)						



GRAPHIC #1

<END>

g01237979

ELECTRICAL AND STARTING SYSTEM

281-2481 STARTING MOTOR GP-AIR

S/N: WYB1-UP

PART OF 282-3644 STARTING MOTOR GP-AIR
AN ATTACHMENT

SMCS-1451

i02440709

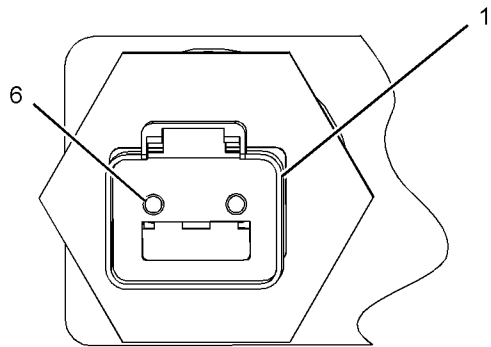
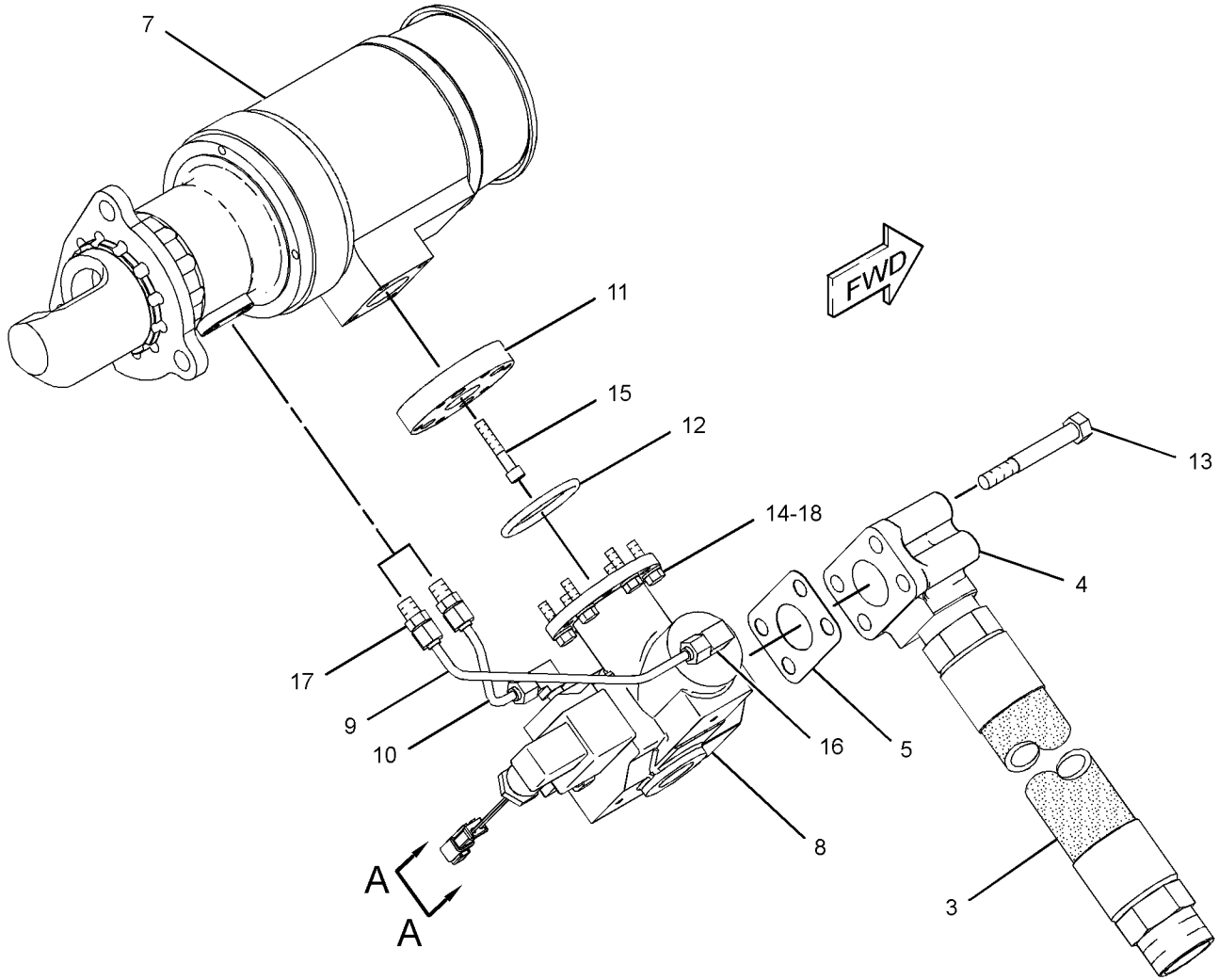
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS AND WEDGE)						
I	3	1	4P-4113	1	HOSE AS						
	4	1	8N-8446	1	ELBOW						
	5	1	8N-8451	1	GASKET						
	6	1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)						
Y	7	1	205-4824	1	STARTING MOTOR GP-AIR						422
	8	1	276-7017	1	VALVE AS-CONTROL						
	9	1	281-3437	1	TUBE AS						
	10	1	281-3438	1	TUBE AS						
	11	1	281-4755	1	ADAPTER						
	12	1	095-1619	1	SEAL-O-RING						
	13	1	1B-2886	4	BOLT (1/2-13X3.75-IN)						
	14	1	4B-3388	6	BOLT (5/16-18X1.125-IN)						
	15	1	7S-6701	4	BOLT (5/16-18X1.75-IN)						
	16	1	7X-5331	2	ELBOW						
	17	1	8C-6866	2	CONNECTOR						
	18	1	9M-1974	6	WASHER-HARD (8.8X16X2-MM THK)						

I-REFER TO HYDRAULIC INFORMATION SYSTEM
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

281-2481 STARTING MOTOR GP-AIR (contd.)

i02440709



VIEW A-A

GRAPHIC #1

<END>

g01229014

ELECTRICAL AND STARTING SYSTEM

282-3644 STARTING MOTOR GP-AIR

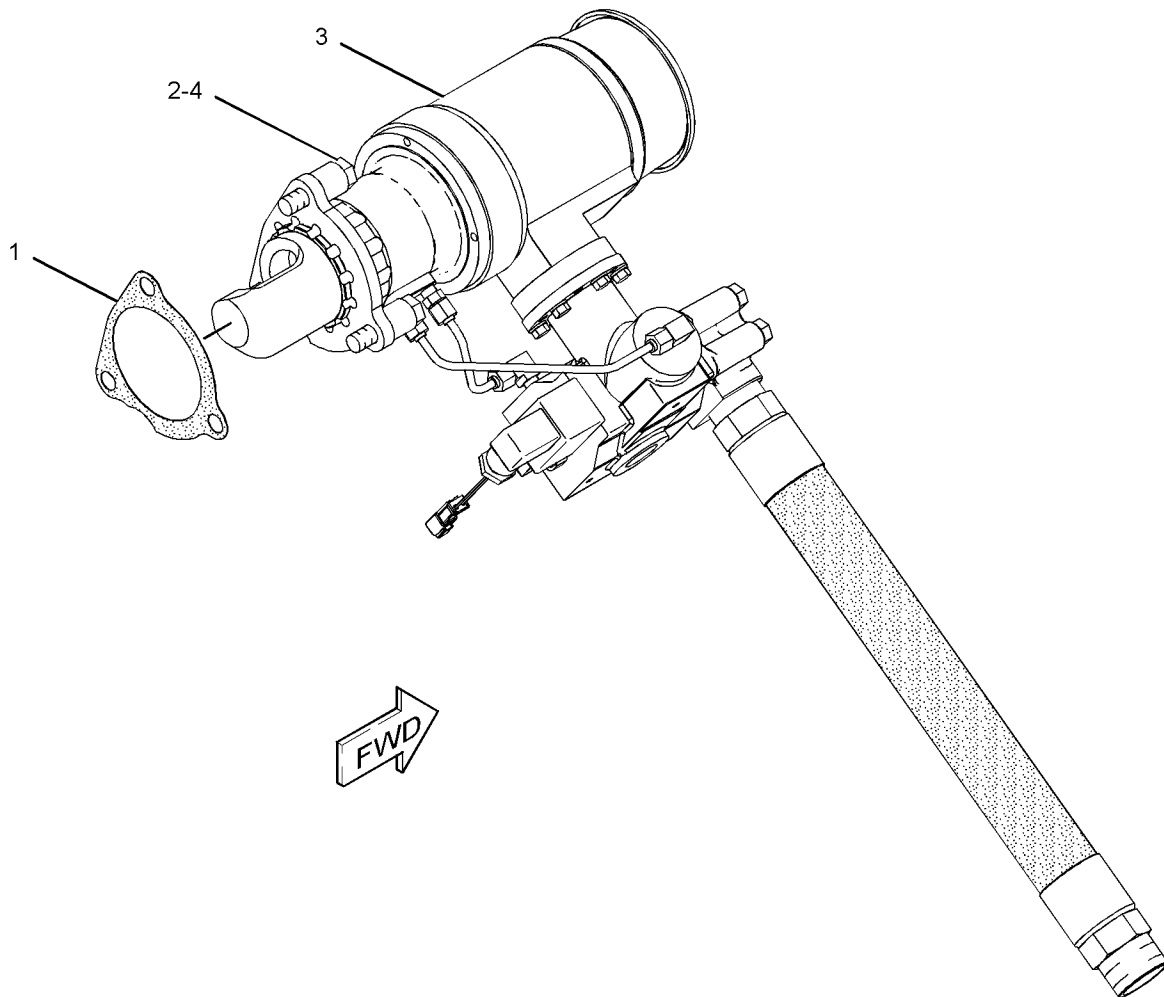
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1451

i02440694

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4H-7869	1	GASKET						
	2	1	272-6981	3	SPACER (17X28X28-MM THK)						
Y	3	1	281-2481	1	STARTING MOTOR GP-AIR						423
M	4	1	6V-3303	3	BOLT (M16X2X60-MM)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01221826

ELECTRICAL AND STARTING SYSTEM

276-8882 STARTING MOTOR GP-ELECTRIC-LH

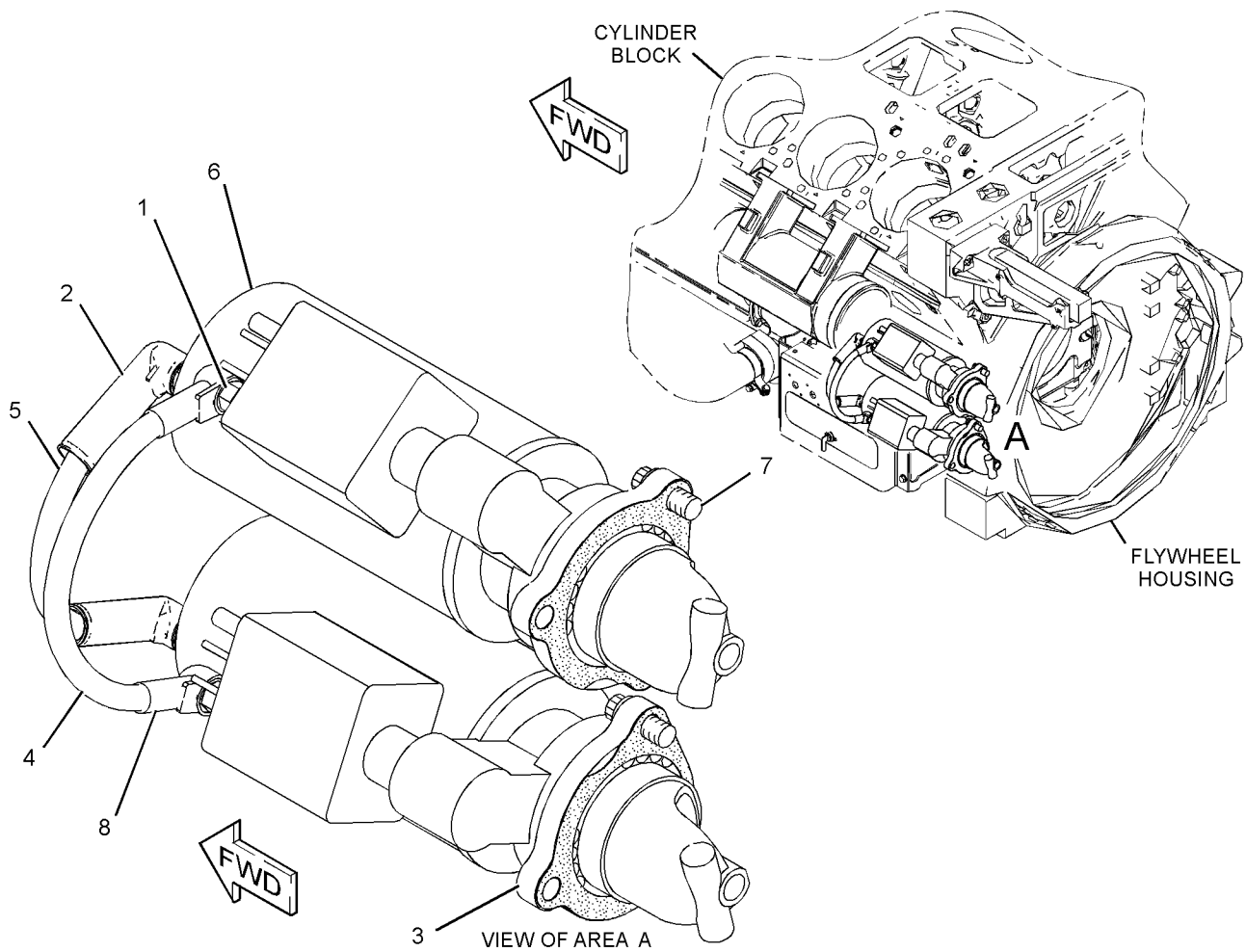
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1453

i02440852

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	1 2 3 4 5 6 (PRODUCT LEVEL)						SEE PAGE
	1	1	3L-6836	1	SPACER (0.5X0.75X0.56-IN THK)							
	2	1	3L-7604	2	SHIELD-TERMINAL							
	3	1	4H-7869	2	GASKET							
	4	1	4L-6155	1	CABLE AS (0000-GA)							
		1	3L-7634	2	TERMINAL-RING (0000-GA, 0.5-IN)							
	5	1	7L-5887	1	CABLE AS (0000-GA)							
		1	3L-7634	2	TERMINAL-RING (0000-GA, 0.5-IN)							
Y	6	1	276-8900	2	STARTING MOTOR GP-ELECTRIC							427
M	7	1	277-3344	4	BOLT-12 POINT HEAD (M16X2X35-MM)							
	8	1	193-9141	2	COVER-TERMINAL							

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01221455

ELECTRICAL AND STARTING SYSTEM

276-8900 STARTING MOTOR GP-ELECTRIC

S/N: WYB1-UP

24-VOLT

PART OF 276-8882 STARTING MOTOR GP-ELECTRIC

AN ATTACHMENT

SMCS-1453

i02440743

NOTE	PART NUMBER	QTY	PART NAME	SEE PAGE
			1 2 3 4 5 6 (PRODUCT LEVEL)	
			SERVICEABLE PARTS IDENTIFICATION FOR THIS GROUP WAS NOT AVAILABLE AT TIME OF THIS PUBLICATION.	
			REFER TO THE SERVICE INFORMATION SYSTEM (SIS) FOR THE LATEST AVAILABLE PARTS INFORMATION.	
			<END>	

ELECTRICAL AND STARTING SYSTEM

244-9602 STRIP GP-TERMINAL-AC

S/N: WYB1-UP

PART OF 245-0035, 263-1744, 281-3958 BOX GP-ELECTRONIC
AN ATTACHMENT

SMCS-4460, 7426

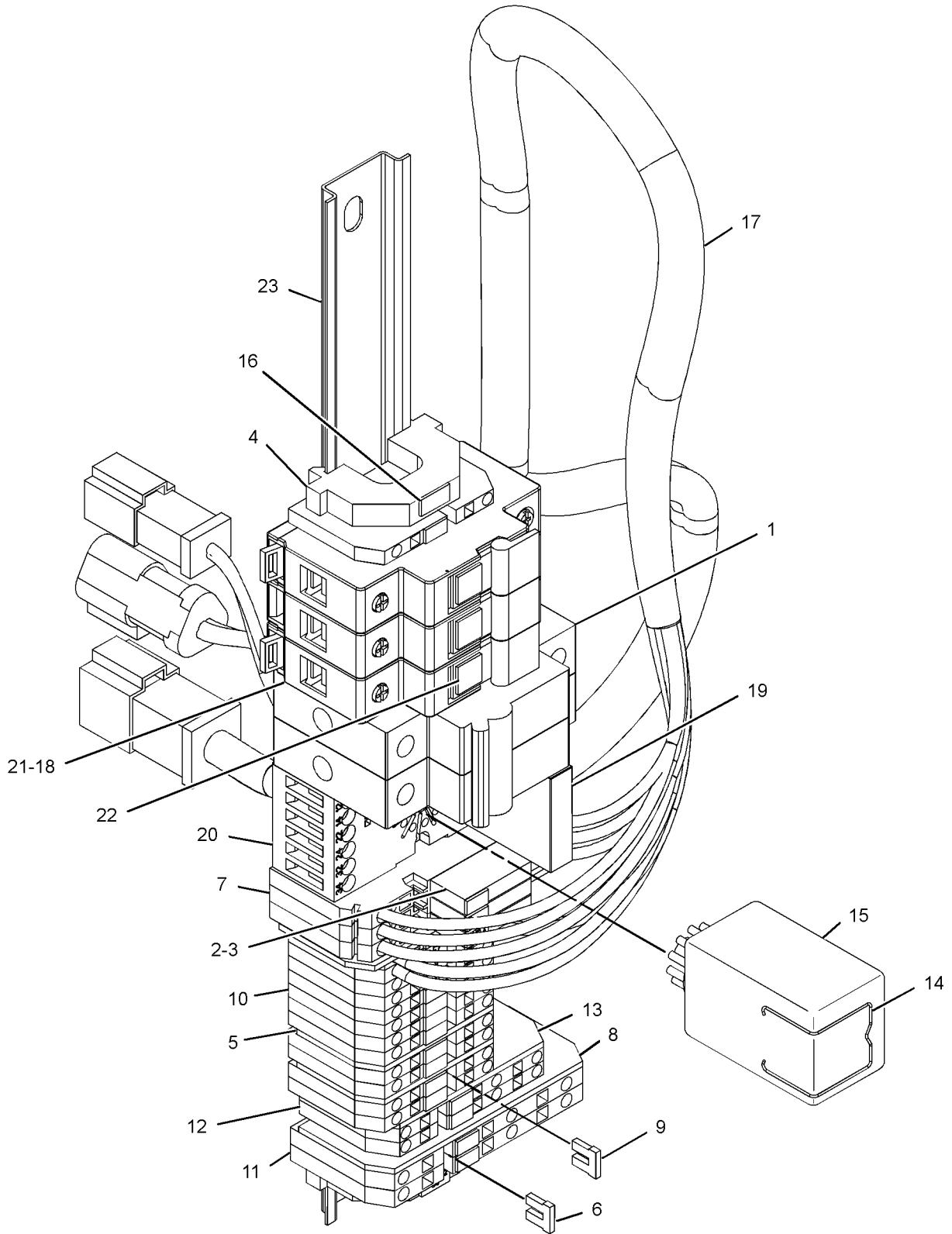
i02360600

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	128-8065	1	CIRCUIT BREAKER AS (10-AMPERE)						
	2	1	155-8755	3	FUSE (10-AMPERE)						
	3	1	158-6178	3	HOLDER-FUSE						
	4	1	162-0589	2	BRACKET-END						
	5	1	167-1617	2	COVER-TERMINAL						
	6	1	171-6256	1	BAR						
	7	1	171-6257	3	BLOCK-TERMINAL (15-AMPERE)						
	8	1	171-6260	2	COVER-END						
	9	1	179-8783	1	BAR						
	10	1	179-8786	13	BLOCK-TERMINAL (20-AMPERE)						
	11	1	192-2924	2	BLOCK-TERMINAL (30-AMPERE)						
	12	1	192-3829	2	BLOCK-TERMINAL (20-AMPERE)						
	13	1	192-3830	1	COVER-TERMINAL						
	14	1	211-0640	1	SPRING (RELAY)						
	15	1	223-6470	1	RELAY (10-AMPERE, 24-VOLT)						
	16	1	244-9627	1	KIT-MARKER						
	17	1	244-9657	1	HARNESS AS-WIRING (TERMINAL BLOCK)						
		1	112-7497	5	END-WIRE (14-GA)						
		1	109-3038	5	END-WIRE (16-GA)						
		1	102-8802	1	KIT-RECEPTACLE (2-PIN)						
		1	102-8804	1	KIT-RECEPTACLE (4-PIN)						
		1	102-8805	1	KIT-RECEPTACLE (6-PIN)						
					(EACH INCLUDES RECEPTACLE ASSEMBLY AND WEDGE)						
		1	8T-8737	1	PLUG-SEAL						
	18	1	246-9818	1	HOLDER-FUSE						
	19	1	252-1731	1	MODULE-DIODE						
	20	1	252-1732	1	BASE-RELAY						
	21	1	252-7496	3	FUSE (0.1-AMPERE)						
	22	1	252-7497	1	FILM (FUSE BLOCK)						
	23	1	097-5921	1	RAIL-MOUNTING						

ELECTRICAL AND STARTING SYSTEM

244-9602 STRIP GP-TERMINAL (contd.)

i02360600



GRAPHIC #1

<END>

g01162342

ELECTRICAL AND STARTING SYSTEM

244-9603 STRIP GP-TERMINAL-DC

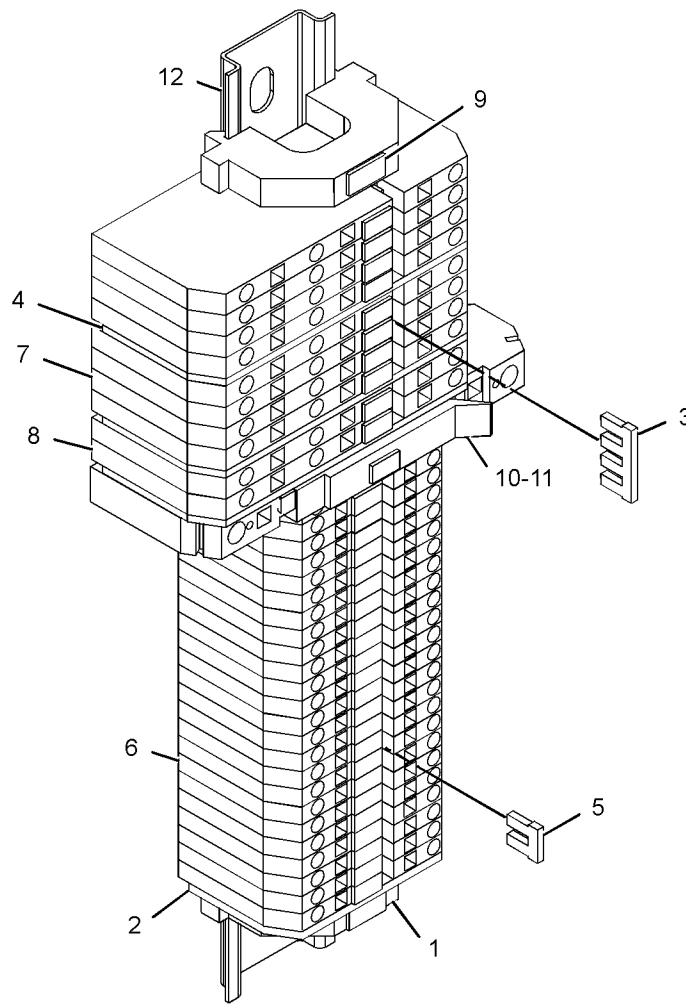
S/N: WYB1-UP

PART OF 245-0035 BOX GP-ELECTRONIC
AN ATTACHMENT

SMCS-4460, 7426

i02360601

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	162-0589	2	BRACKET-END						
	2	1	167-1617	1	COVER-TERMINAL						
	3	1	171-6256	3	BAR						
	4	1	171-6260	3	COVER-END						
	5	1	179-8783	1	BAR						
	6	1	179-8786	24	BLOCK-TERMINAL (20-AMPERE)						
	7	1	192-2922	8	BLOCK-TERMINAL (30-AMPERE)						
	8	1	192-2924	2	BLOCK-TERMINAL (30-AMPERE)						
	9	1	244-9628	1	KIT-MARKER						
	10	1	197-4051	1	BLOCK-TERMINAL (6-AMPERE)						
	11	1	8D-8724	1	FUSE (2-AMPERE)						
	12	1	097-5921	1	RAIL-MOUNTING						



GRAPHIC #1

<END>

g01201288

ELECTRICAL AND STARTING SYSTEM

244-9607 STRIP GP-TERMINAL-SWITCHGEAR

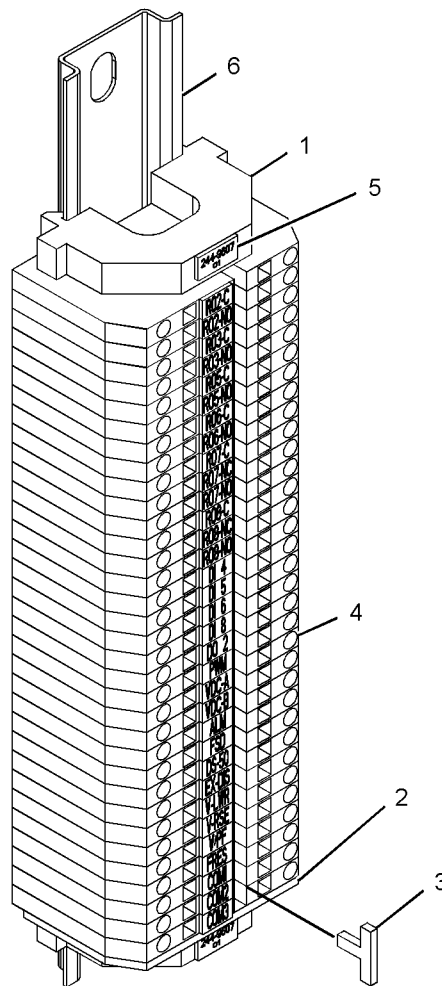
S/N: WYB1-UP

PART OF 245-0035 BOX GP-ELECTRONIC
AN ATTACHMENT

SMCS-4460, 7426

i02360602

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	162-0589	2	BRACKET-END						
	2	1	167-1617	1	COVER-TERMINAL						
	3	1	179-8783	1	BAR						
	4	1	179-8786	33	BLOCK-TERMINAL (20-AMPERE)						
	5	1	244-9629	1	KIT-MARKER						
	6	1	097-5921	1	RAIL-MOUNTING						



GRAPHIC #1

<END>

g01132200

ELECTRICAL AND STARTING SYSTEM

263-1741 STRIP GP-TERMINAL-SWITCHGEAR

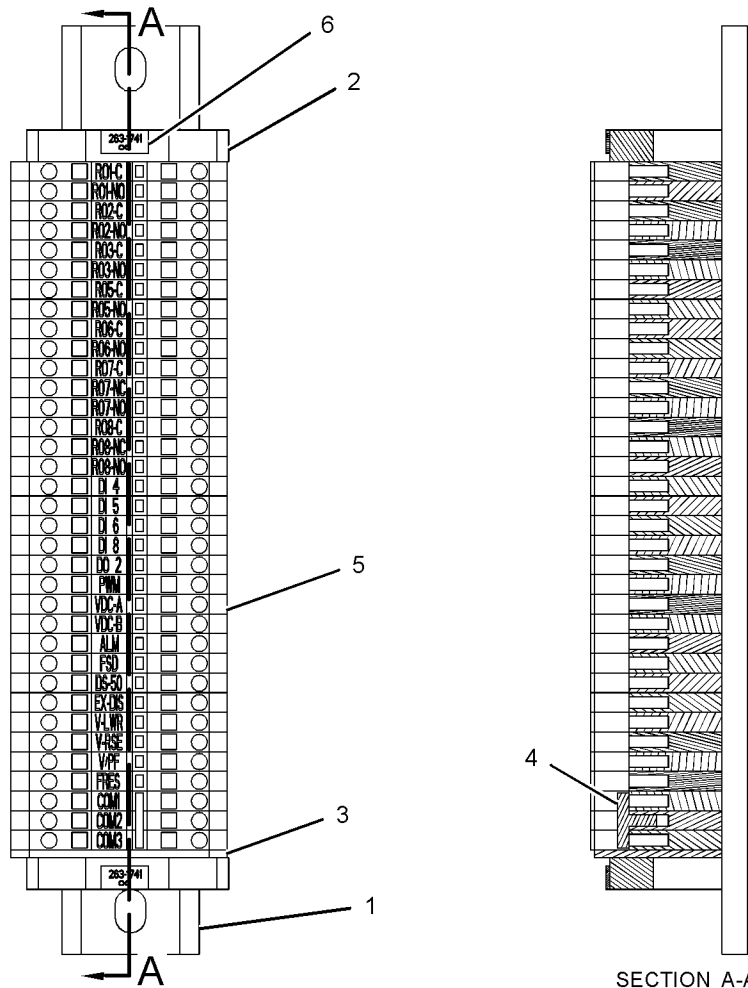
S/N: WYB1-UP

PART OF 263-1744 BOX GP-ELECTRONIC
AN ATTACHMENT

SMCS-4460, 7426

i02422746

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	097-5921	1	RAIL-MOUNTING						
	2	1	162-0589	2	BRACKET-END						
	3	1	167-1617	1	COVER-TERMINAL						
	4	1	179-8783	1	BAR						
	5	1	179-8786	35	BLOCK-TERMINAL (20-AMPERE)						
	6	1	263-1742	1	KIT-MARKER						



GRAPHIC #1

<END>

g01229360

ELECTRICAL AND STARTING SYSTEM

276-7784 STRIP GP-TERMINAL-DC

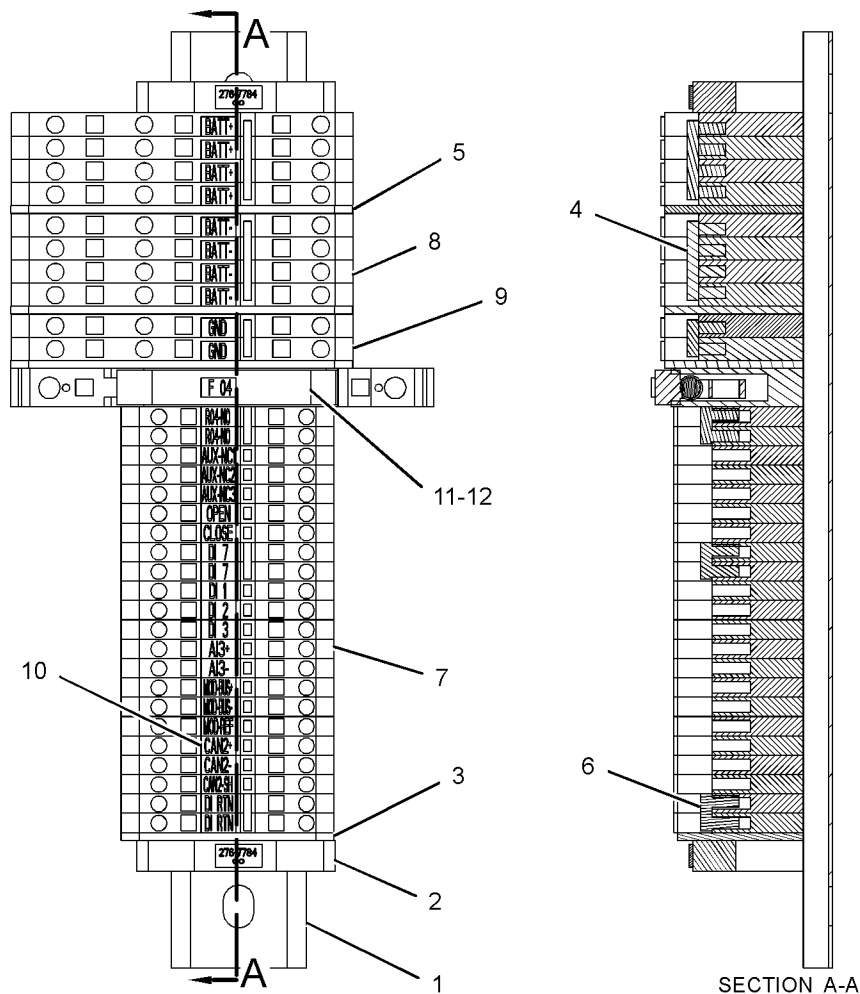
S/N: WYB1-UP

PART OF 263-1744 BOX GP-ELECTRONIC
AN ATTACHMENT

SMCS-4460, 7426

i02422733

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	097-5921	1	RAIL-MOUNTING						
	2	1	162-0589	2	BRACKET-END						
	3	1	167-1617	1	COVER-TERMINAL						
	4	1	171-6256	3	BAR (FIXED BRIDGE)						
	5	1	171-6260	3	COVER-END						
	6	1	179-8783	1	BAR (FIXED BRIDGE)						
	7	1	179-8786	22	BLOCK-TERMINAL (20-AMPERE)						
	8	1	192-2922	8	BLOCK-TERMINAL (30-AMPERE)						
	9	1	192-2924	2	BLOCK-TERMINAL (30-AMPERE)						
	10	1	276-7783	1	KIT-MARKER						
	11	1	197-4051	1	BLOCK-TERMINAL (6-AMPERE)						
	12	1	8D-8724	1	FUSE (2-AMPERE)						



GRAPHIC #1

<END>

g01229528

ELECTRICAL AND STARTING SYSTEM

281-2768 STRIP GP-TERMINAL

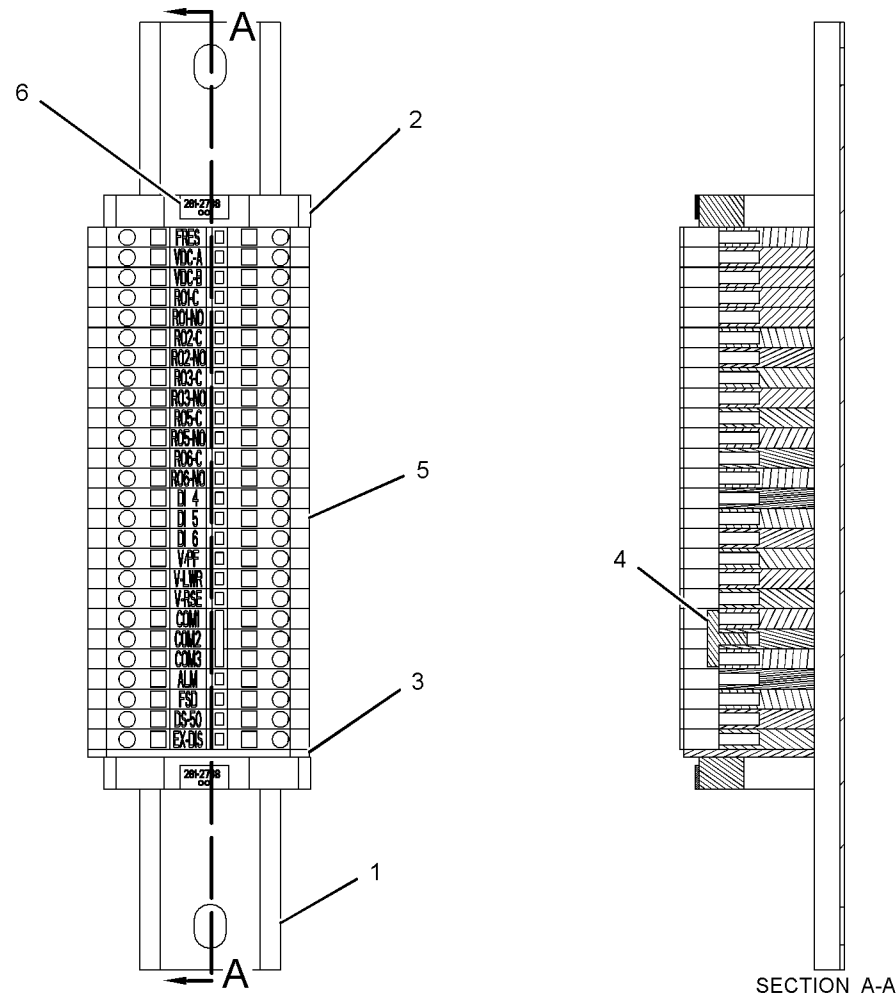
S/N: WYB1-UP

PART OF 281-3958 BOX GP-ELECTRONIC
AN ATTACHMENT

SMCS-4460, 7426

i02426375

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	097-5921	1	RAIL-MOUNTING						
	2	1	162-0589	2	BRACKET-END						
	3	1	167-1617	1	COVER-TERMINAL						
	4	1	179-8783	1	BAR (FIXED BRIDGE)						
	5	1	179-8786	26	BLOCK-TERMINAL (20-AMPERE)						
	6	1	281-2764	1	KIT-MARKER						



GRAPHIC #1

<END>

g01229523

ELECTRICAL AND STARTING SYSTEM

281-3177 STRIP GP-TERMINAL

S/N: WYB1-UP

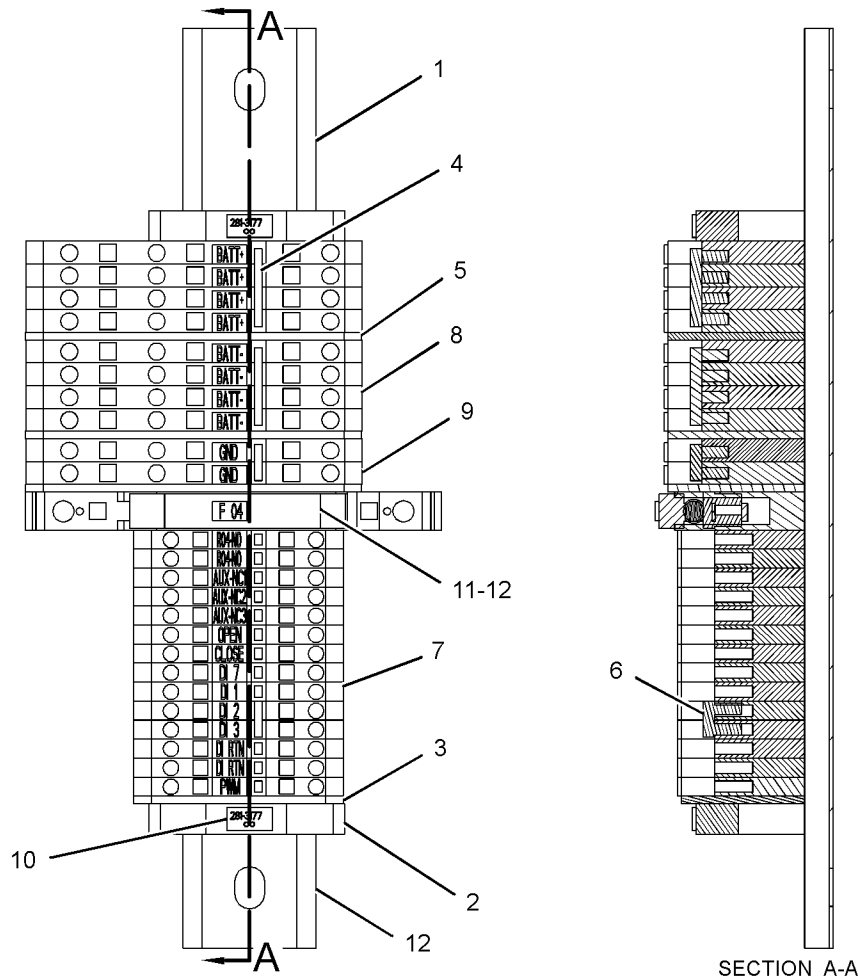
PART OF 281-3958 BOX GP-ELECTRONIC
AN ATTACHMENT

SMCS-4460, 7426

i02426382

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
E	1	1	097-5921		RAIL-MOUNTING (26-CM)						
	2	1	162-0589	2	BRACKET-END						
	3	1	167-1617	1	COVER-TERMINAL						
	4	1	171-6256	3	BAR						
	5	1	171-6260	3	COVER-END						
	6	1	179-8783	1	BAR						
	7	1	179-8786	14	BLOCK-TERMINAL (20-AMPERE)						
	8	1	192-2922	8	BLOCK-TERMINAL (30-AMPERE)						
	9	1	192-2924	2	BLOCK-TERMINAL (30-AMPERE)						
	10	1	281-2765	1	KIT-MARKER						
	11	1	197-4051	1	BLOCK-TERMINAL (6-AMPERE)						
	12	1	8D-8724	1	FUSE (2-AMPERE)						

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g01229531

ELECTRICAL AND STARTING SYSTEM

259-9110 SUPPORT GP-BATTERY

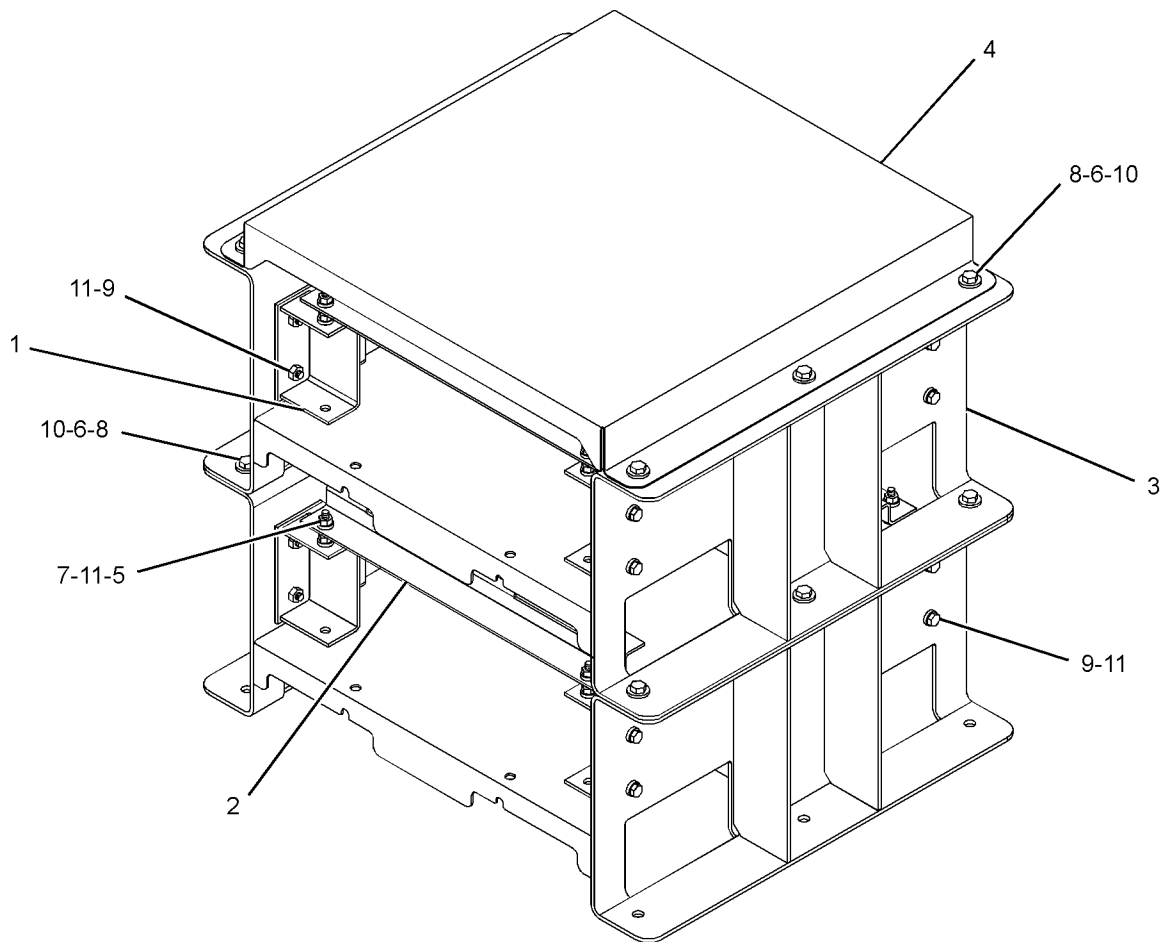
S/N: WYB1-UP
AN ATTACHMENT

SMCS-7257

i02436979

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	259-9175	8	BRACKET AS						
	2	1	259-9176	4	ANGLE						
	3	1	270-5007	2	SUPPORT AS-BATTERY						
	4	1	270-7111	1	COVER-BATTERY						
M	5	1	180-4686	8	BOLT (M10X1.5X60-MM)						
	6	1	5P-1076	24	WASHER-HARD (13.5X30X4-MM THK)						
M	7	1	8T-4133	16	NUT (M10X1.5-THD)						
M	8	1	8T-4183	12	BOLT (M12X1.75X40-MM)						
M	9	1	8T-4195	24	BOLT (M10X1.5X30-MM)						
M	10	1	8T-4244	12	NUT (M12X1.75-THD)						
	11	1	8T-7934	40	WASHER-HARD (11X21X5-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01228510

ELECTRICAL AND STARTING SYSTEM

259-9111 SUPPORT GP-BATTERY

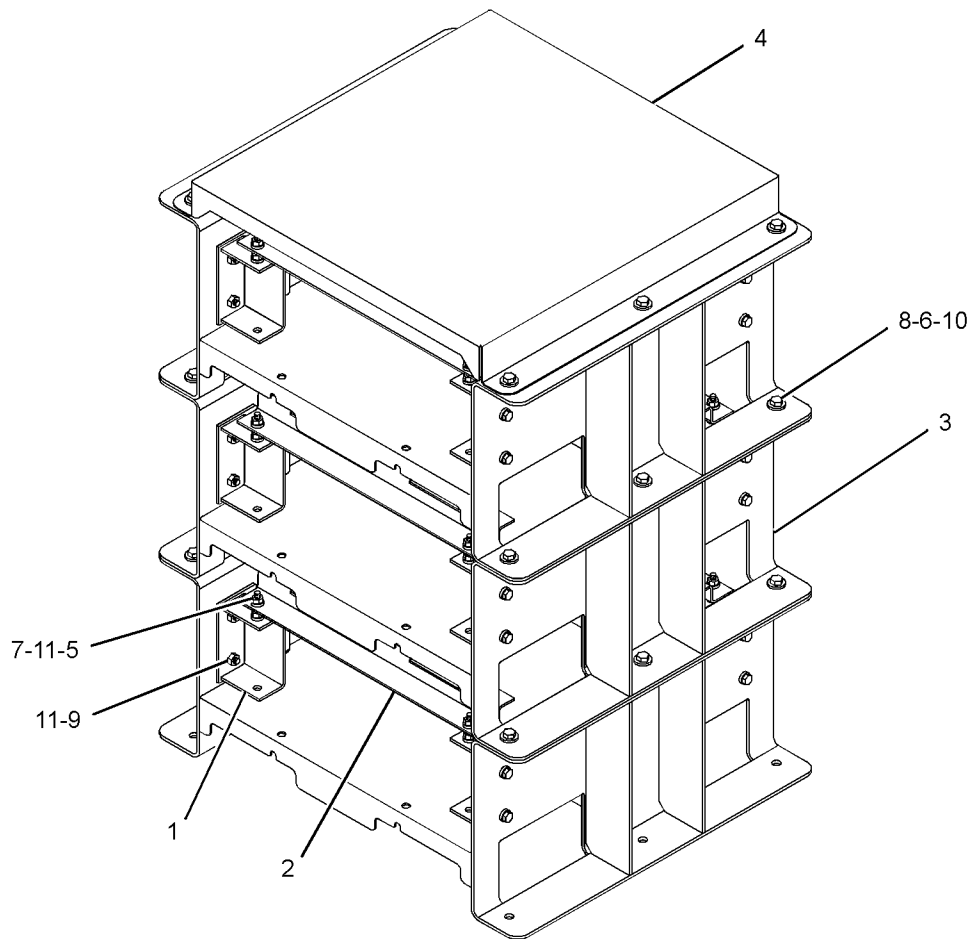
S/N: WYB1-UP
AN ATTACHMENT

SMCS-7257

i02441541

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	259-9175	12	BRACKET AS						
	2	1	259-9176	6	ANGLE						
	3	1	270-5007	3	SUPPORT AS-BATTERY						
	4	1	270-7111	1	COVER-BATTERY						
M	5	1	180-4686	12	BOLT (M10X1.5X60-MM)						
	6	1	5P-1076	36	WASHER-HARD (13.5X30X4-MM THK)						
M	7	1	8T-4133	24	NUT (M10X1.5-THD)						
M	8	1	8T-4183	18	BOLT (M12X1.75X40-MM)						
M	9	1	8T-4195	24	BOLT (M10X1.5X30-MM)						
M	10	1	8T-4244	18	NUT (M12X1.75-THD)						
	11	1	8T-7934	60	WASHER-HARD (11X21X5-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01229924

ELECTRICAL AND STARTING SYSTEM

263-6574 SWITCH GP-DISCONNECT

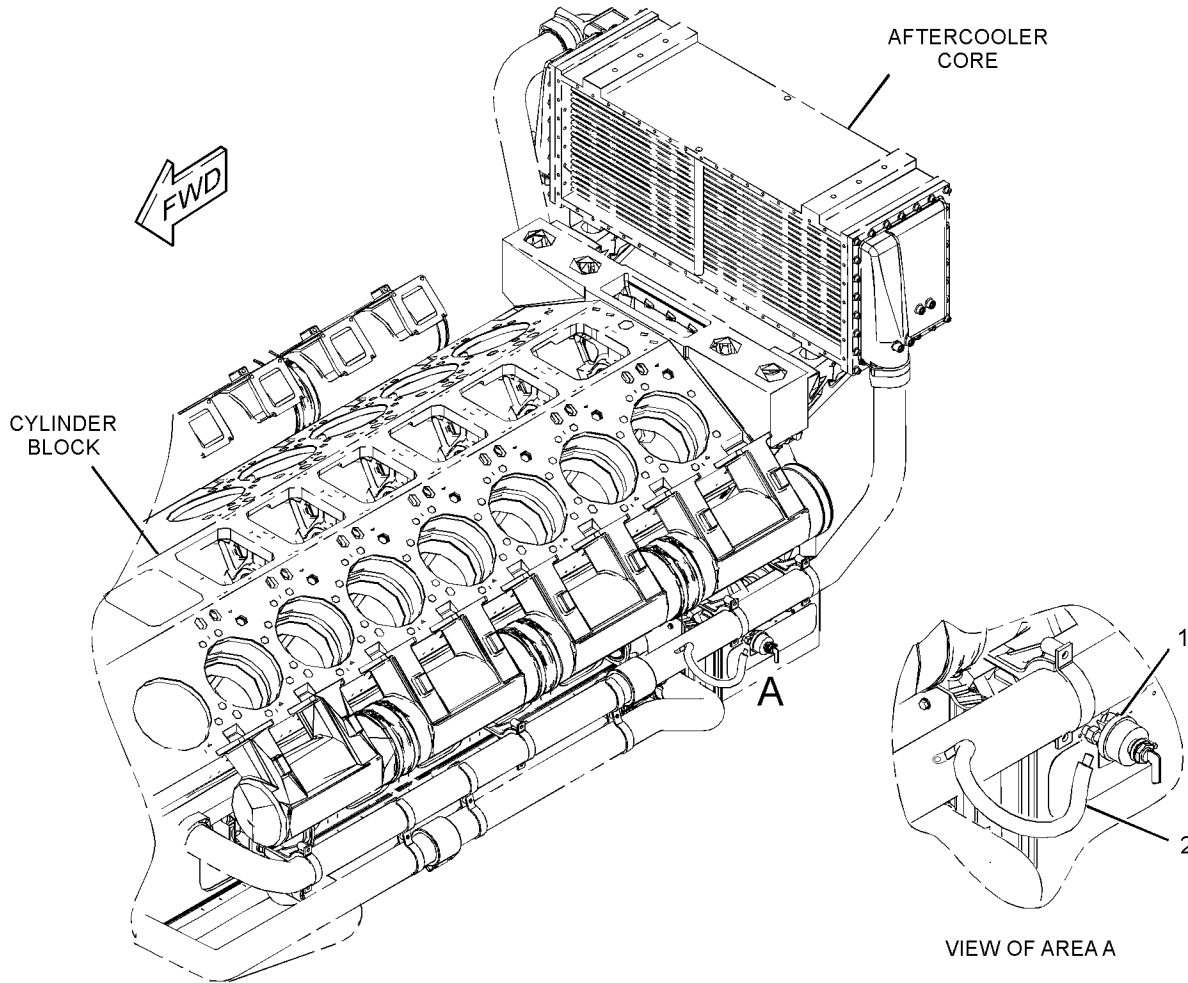
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1411

i02440129

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	161-7082	1	SWITCH AS-DISCONNECT						
		1	2H-3922	2	LOCKWASHER						
		1	6B-6684	4	NUT-FULL (1/2-20-THD)						
		1	8H-5303	1	NUT (3/4-16-THD)						
		1	8H-5306	1	KEY (BATTERY DISCONNECT)						
	2	1	263-6535	1	CABLE AS						
		1	3L-7634	2	TERMINAL-RING (0000-GA, 0.5-IN)						
E		1	5P-0745		CABLE (0000-GA) (43-CM)						

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g01221176

ELECTRICAL AND STARTING SYSTEM

263-6778 THERMOCOUPLE GP

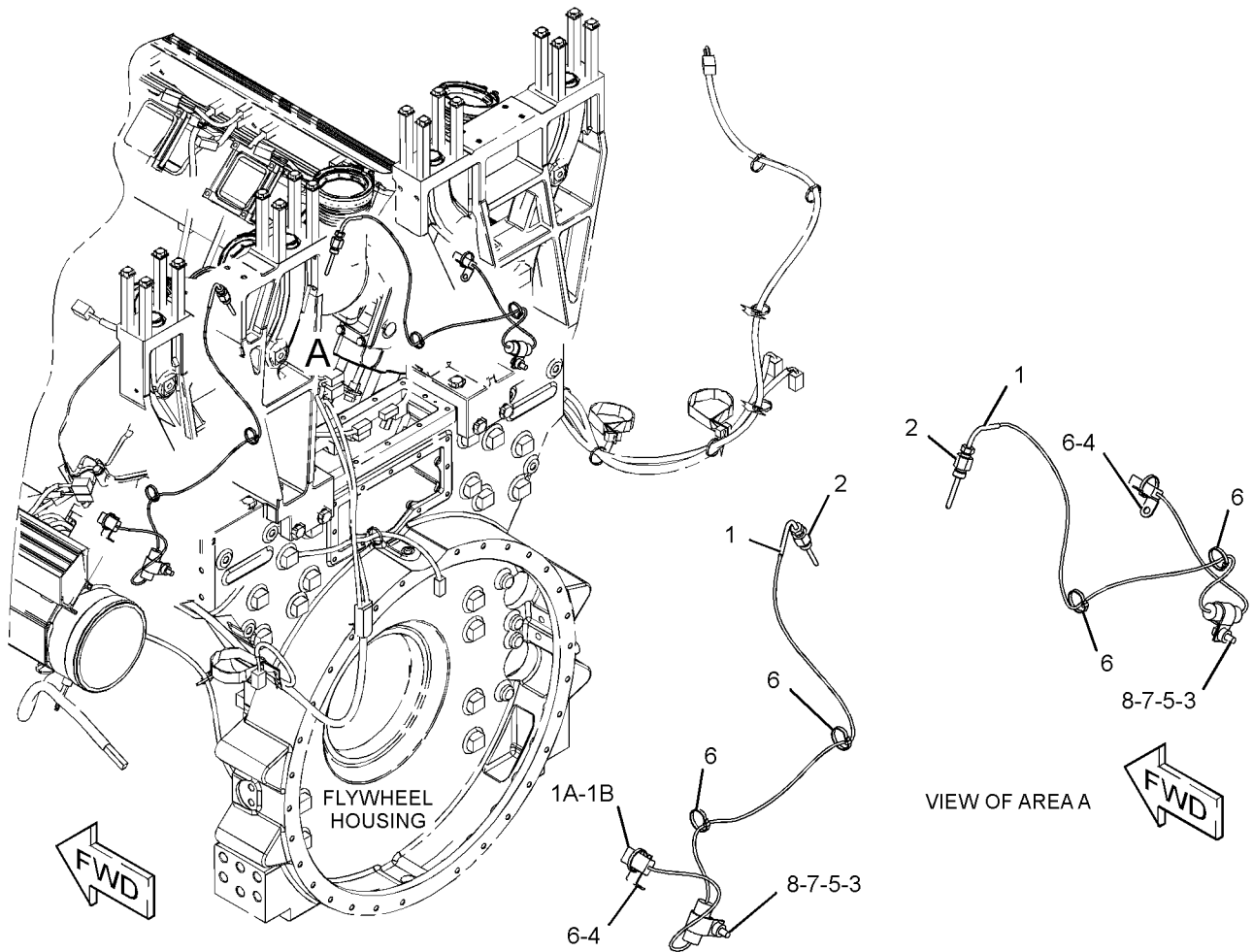
S/N: WYB1-UP
AN ATTACHMENT

SMCS-7498

i02441227

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	247-7635	2	SENSOR GP-TEMPERATURE (TURBOCHARGER INLET)						
					(EACH INCLUDES)						
	1A	1	144-1636	3	PIN-CONNECTOR						
	1B	1	230-4014	1	RECEPTACLE AS						
	2	1	263-6648	2	ADAPTER						
	3	1	091-0081	2	SPACER (10.5X20X10-MM THK)						
	4	1	132-5789	2	CLIP						
	5	1	4S-1962	2	CLIP						
	6	1	7K-1181	6	STRAP-CABLE						
	7	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
M	8	1	8T-4195	2	BOLT (M10X1.5X30-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01222492

ELECTRICAL AND STARTING SYSTEM

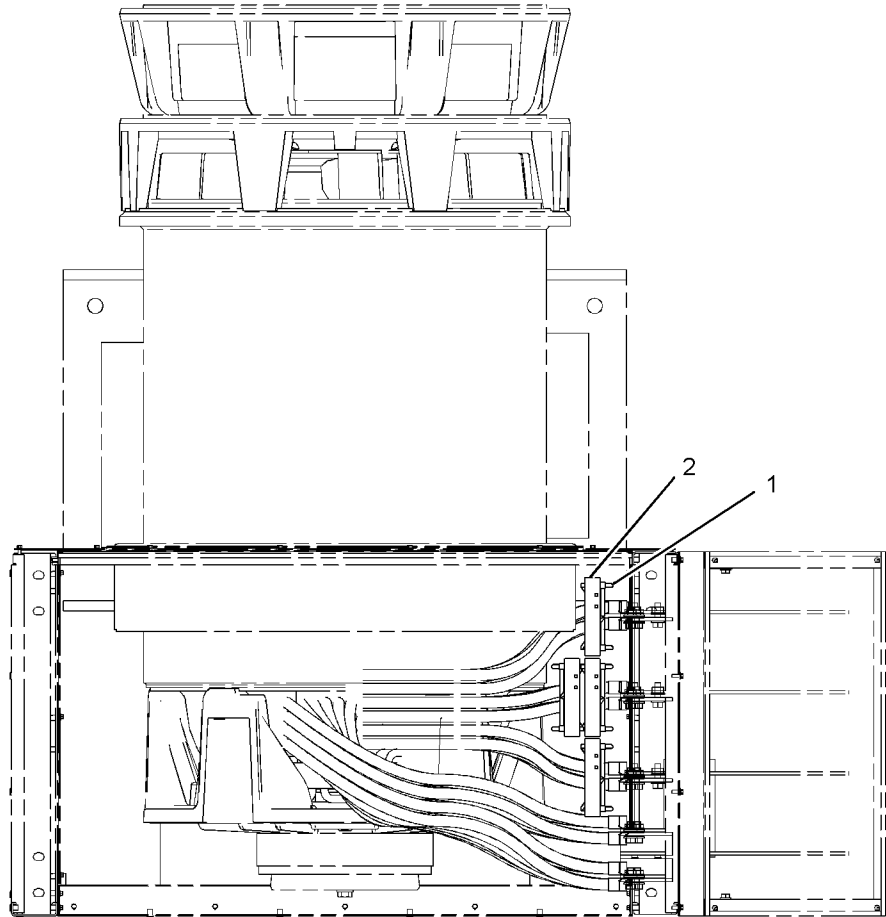
252-7332 TRANSFORMER GP-CURRENT

S/N: WYB1-UP
3500:5 RATIO
AN ATTACHMENT

SMCS-4476

i02386528

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-6772	8	STRAP-CABLE						
	2	1	128-0115	4	TRANSFORMER AS-CURRENT (RATIO 3500:5)						



TOP VIEW

<END>

GRAPHIC #1

g01197914

ELECTRICAL AND STARTING SYSTEM

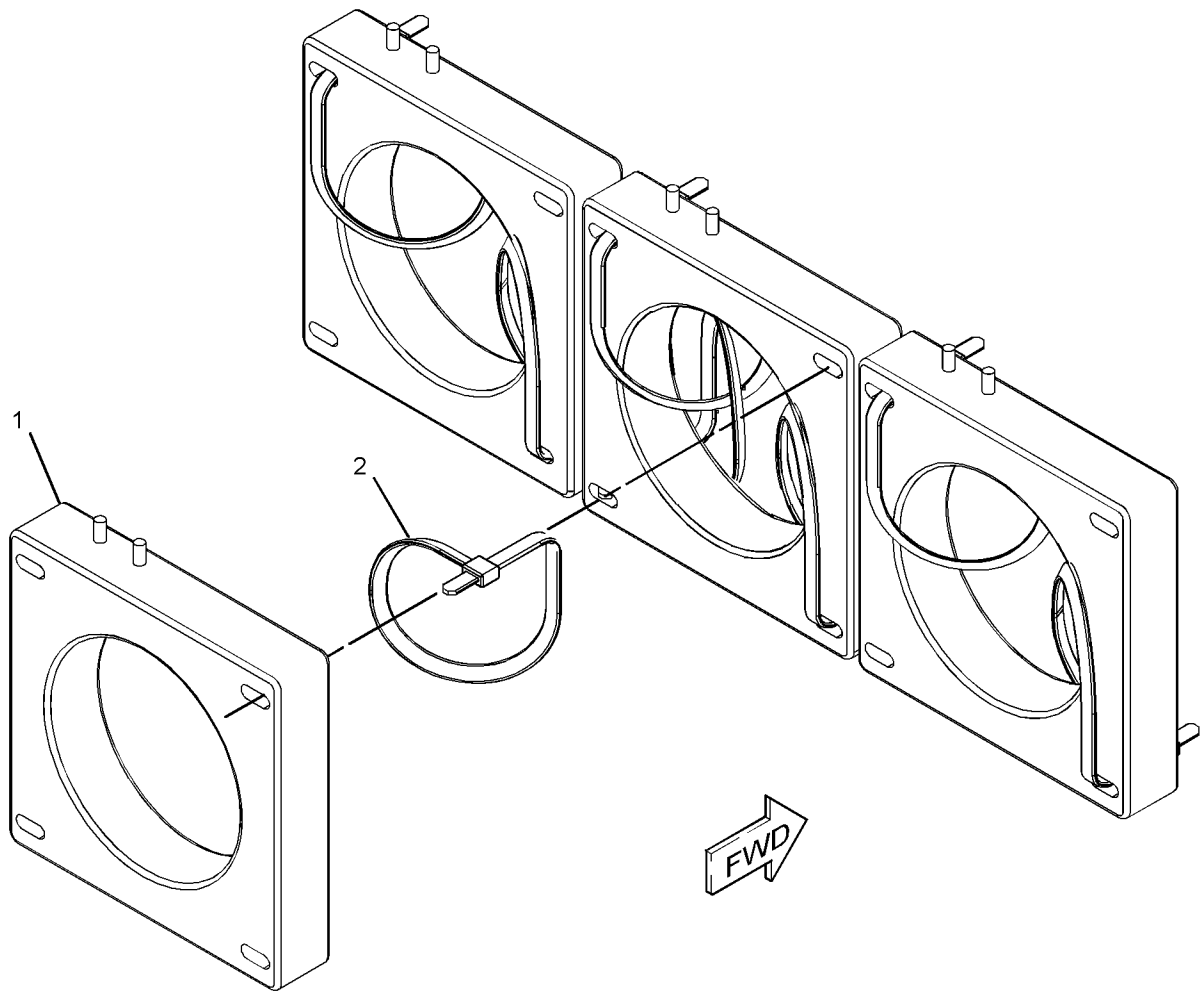
252-7333 TRANSFORMER GP-CURRENT

S/N: WYB1-UP
RATIO 4000:5
AN ATTACHMENT

SMCS-4476

i02402494

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	122-6591	4	TRANSFORMER AS-CURRENT (RATIO 4000:5)						
	2	1	9X-6772	8	STRAP-CABLE						



GRAPHIC #1

<END>

g01200851

ELECTRICAL AND STARTING SYSTEM

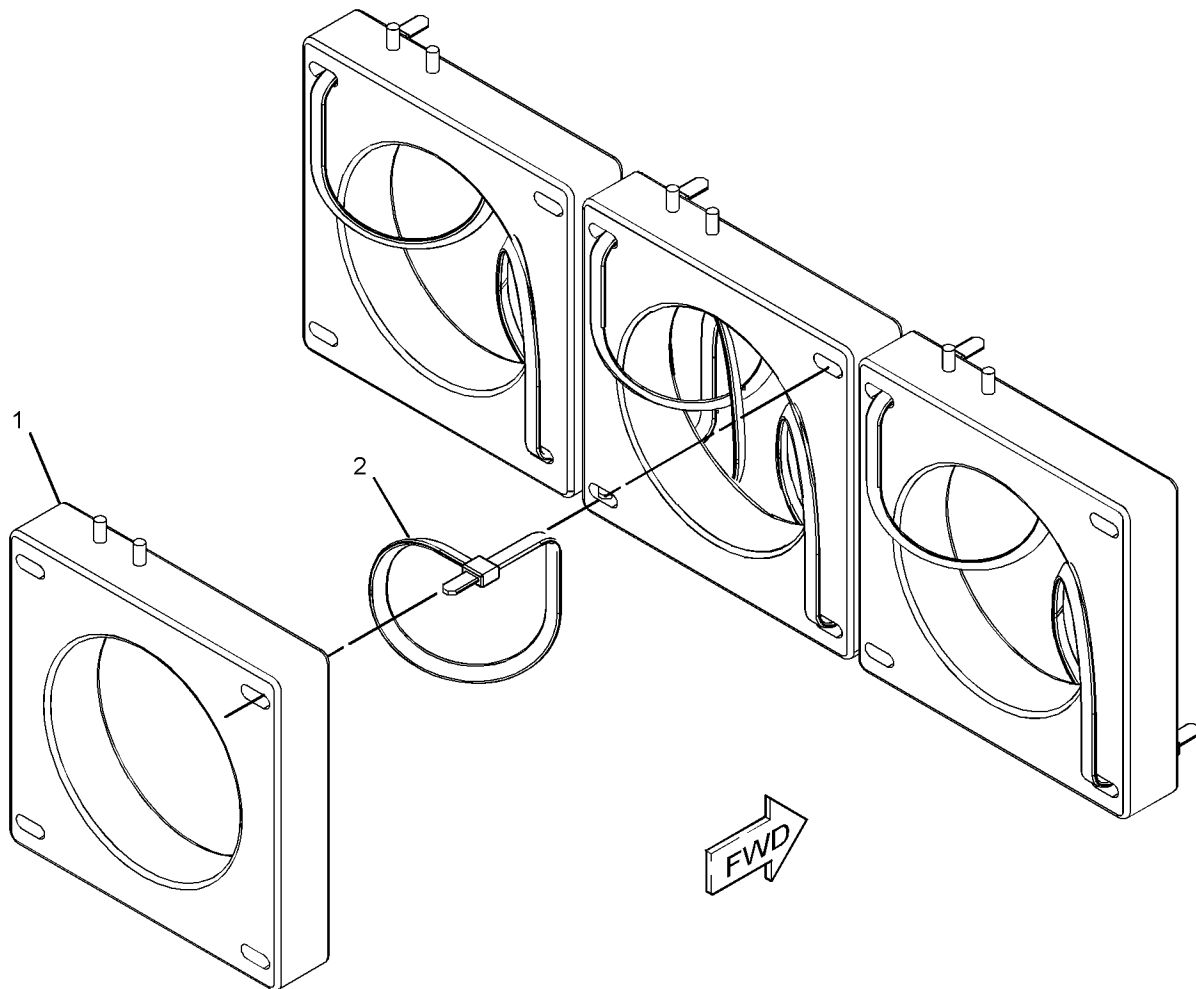
252-7334 TRANSFORMER GP-CURRENT

S/N: WYB1-UP
RATIO 5000:5
AN ATTACHMENT

SMCS-4476

i02403174

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	117-9724	4	TRANSFORMER AS-CURRENT (RATIO 5000:5)						
	2	1	9X-6772	8	STRAP-CABLE						



GRAPHIC #1

<END>

g01200813

ELECTRICAL AND STARTING SYSTEM

252-7365 TRANSFORMER GP-POTENTIAL

S/N: WYB1-UP

LOW VOLTAGE

PART OF 252-7369 CONTROL GP-LOAD SHARE MODULE

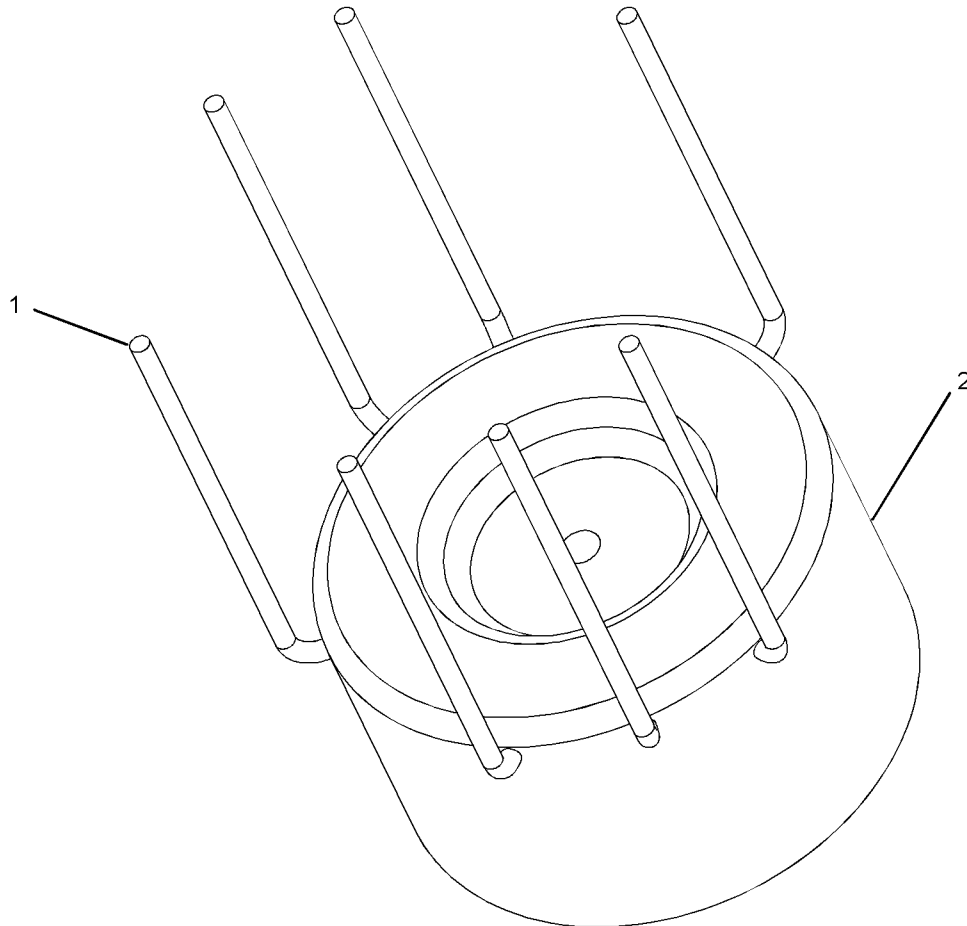
AN ATTACHMENT

SMCS-1409

i02262441

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	109-3038	7	END-WIRE (16-GA)						
	2	1	154-3488	1	TRANSFORMER AS						
BEF		1	114-8843		SLEEVE-PLASTIC						

B-USE AS REQUIRED
 E-ORDER BY THE CENTIMETER
 F-NOT SHOWN



GRAPHIC #1

<END>

g01137466

ELECTRICAL AND STARTING SYSTEM

263-6598 TRAY GP-SUPPORT-LH

S/N: WYB1-UP

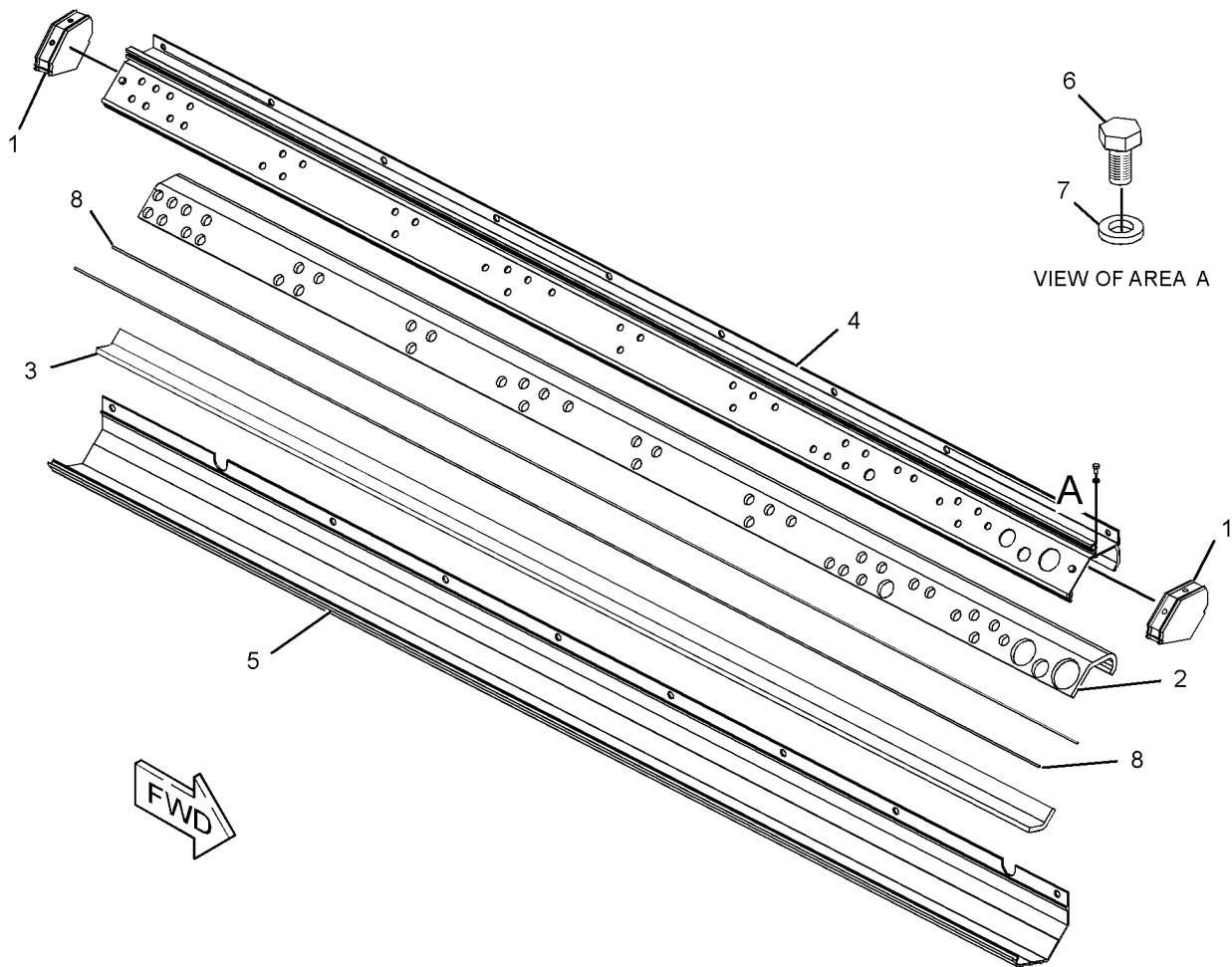
PART OF 263-6600, 263-6602, 285-3992, 285-3994 HARNESS AS-ENGINE
AN ATTACHMENT

SMCS-1408

i02442464

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	263-6472	2	CAP-END						
	2	1	263-6479	1	TRAY						
	3	1	263-6481	1	INSERT-FOAM						
	4	1	263-6629	1	COVER-TRAY						
	5	1	263-6630	1	TRAY						
M	6	1	8T-4171	4	BOLT (M6X1X12-MM)						
	7	1	9X-8256	4	WASHER (6.6X12X2-MM THK)						
E	8	1	269-3853		SEAL (215-CM)						
E	8A	1	269-3853		SEAL (215-CM)						

E-ORDER BY THE CENTIMETER
M-METRIC PART



GRAPHIC #1

<END>

g01229179

ELECTRICAL AND STARTING SYSTEM

263-6599 TRAY GP-SUPPORT-RH

S/N: WYB1-UP

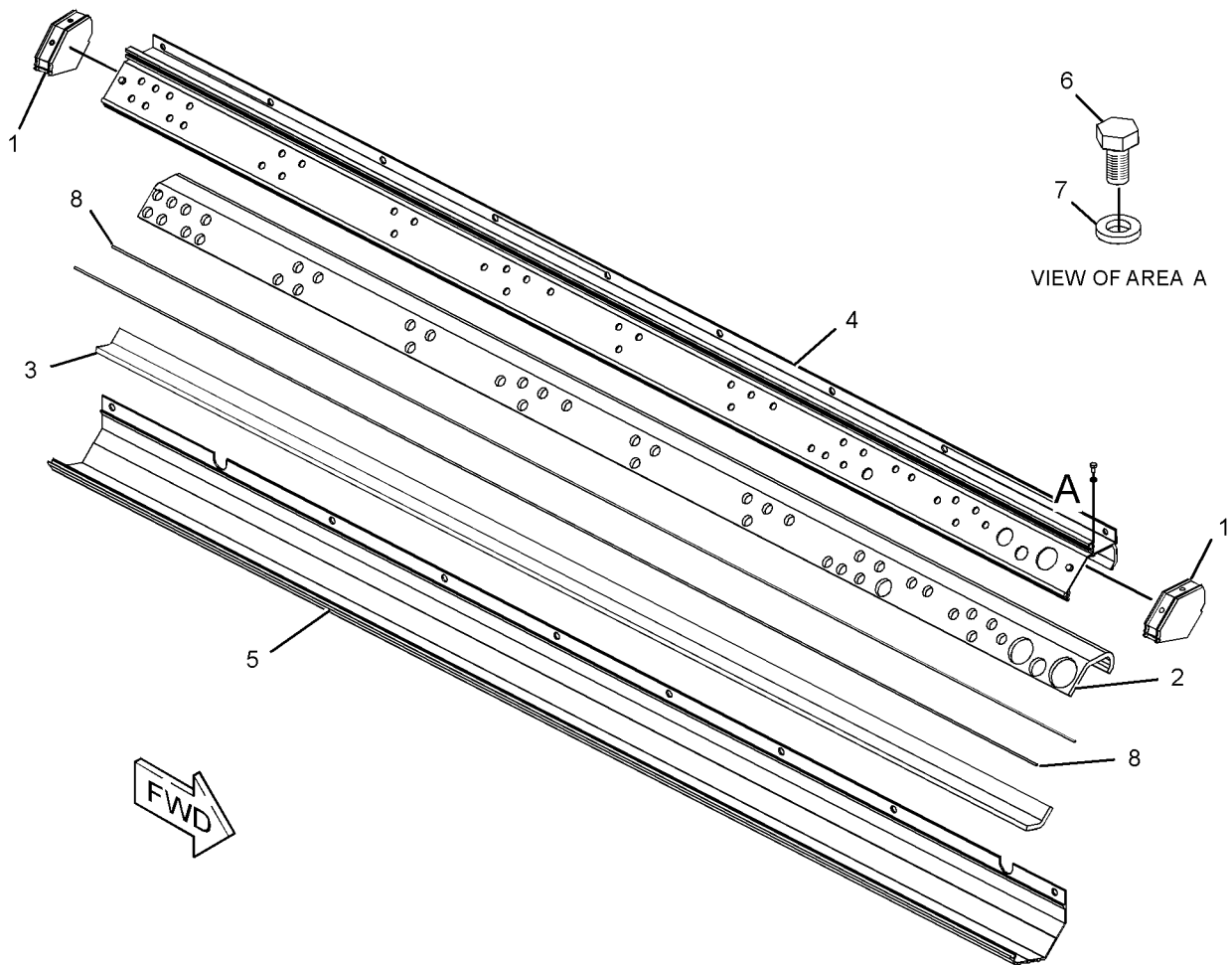
PART OF 263-6601, 263-6603, 285-4002, 285-4004 HARNESS AS-ENGINE
AN ATTACHMENT

SMCS-1408

i02442466

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	263-6472	2	CAP-END						
	2	1	263-6479	1	TRAY						
	3	1	263-6481	1	INSERT-FOAM						
	4	1	263-6628	1	TRAY						
	5	1	263-6629	1	COVER-TRAY						
M	6	1	8T-4171	4	BOLT (M6X1X12-MM)						
	7	1	9X-8256	4	WASHER (6.6X12X2-MM THK)						
E	8	1	269-3853		SEAL (430-CM)						
E	8A	1	269-3853		SEAL (430-CM)						

E-ORDER BY THE CENTIMETER
M-METRIC PART



GRAPHIC #1

<END>

g01229202

ELECTRICAL AND STARTING SYSTEM

263-6751 WIRING GP-ALTERNATOR

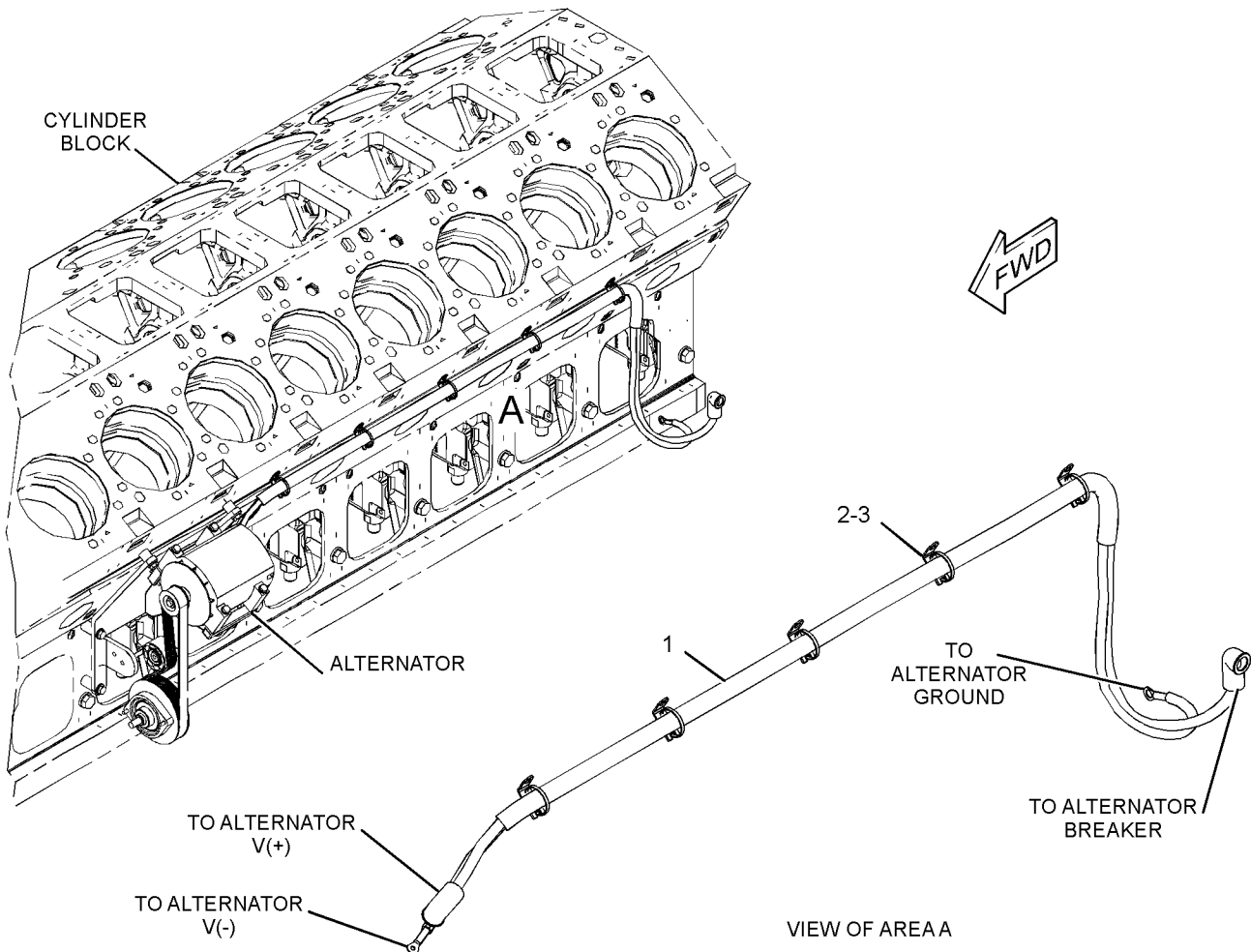
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1405, 1408

i02440582

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	263-6752	1	HARNES AS-WIRING (ALTERNATOR)						
		1	3L-6513	1	TERMINAL (FOR 1/2-IN BOLT)						
E		1	8C-0596		CABLE (02-GA, BLACK) (212-CM)						
E		1	8C-3056		CABLE (02-GA, RED) (206-CM)						
		1	030-1712	3	TERMINAL-RING (2-GA, 6.35-MM)						
		1	9X-6932	2	BOOT-TERMINAL						
E		1	114-8843		SLEEVE-PLASTIC (80-CM)						
	2	1	4P-8134	5	CLIP						
	3	1	7K-1181	5	STRAP-CABLE						

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g01222664

ELECTRICAL AND STARTING SYSTEM

263-1748 WIRING GP-ENGINE

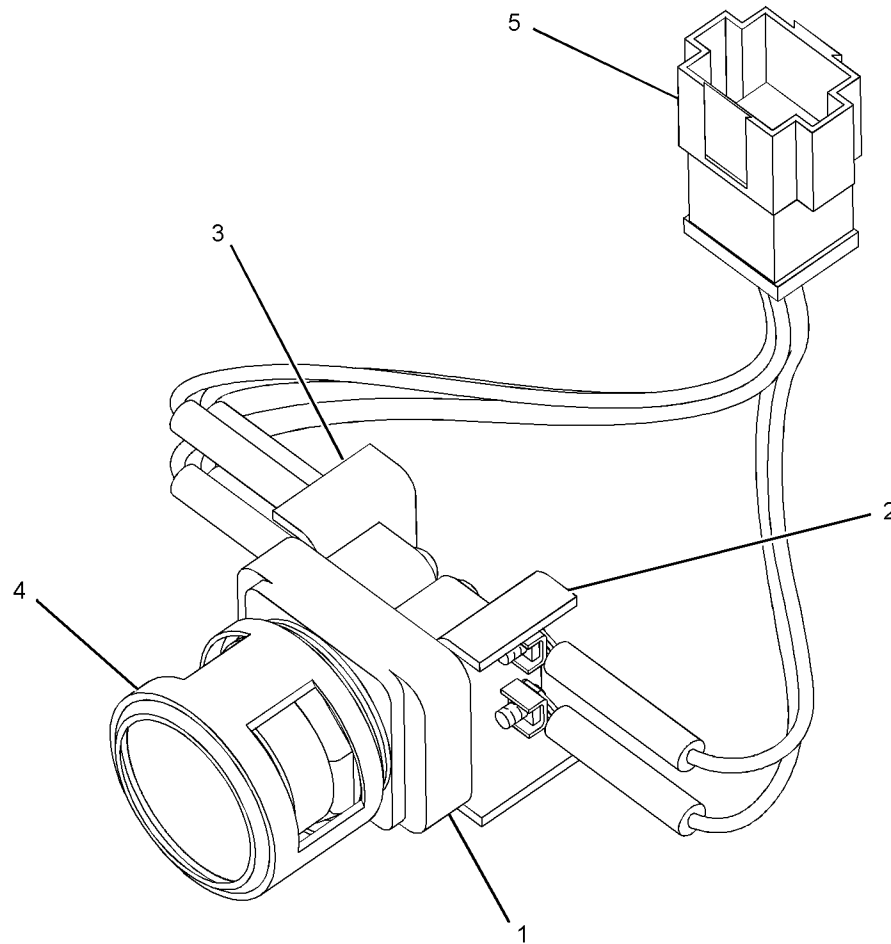
S/N: WYB1-UP

PART OF 263-1743, 281-3959, 283-0010 CONTROL GP-ELECTRONIC
AN ATTACHMENT

SMCS-1000, 1408

i02423062

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	109-6507	1	SWITCH AS-PUSH BUTTON						
	2	1	111-1323	1	BLOCK-CONTACT (NORMALLY OPEN)						
	3	1	111-1325	1	BLOCK-CONTACT (2-POLE)						
	4	1	124-3176	1	COVER						
	5	1	263-1747	1	HARNESS AS-SWITCH						
		1	102-8806	1	KIT-RECEPTACLE (8-PIN)						
					(INCLUDES RECEPTACLE AS. AND WEDGE)						
		1	9X-6772	3	STRAP-CABLE						



GRAPHIC #1

<END>

g01229456

ELECTRICAL AND STARTING SYSTEM

263-6612 WIRING GP-ENGINE-LH

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1000, 1408

i02440114

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	201-5926	1	TUBE						
	2	1	263-6562	1	BRACKET						
Y	3	1	263-6600	1	HARNESS AS-ENGINE (LH)						358
	4	1	127-4837	2	CLIP						
	5	1	132-5789	5	CLIP						
	6	1	4K-8864	2	CLIP						
	7	1	4P-7428	1	CLIP						
	8	1	4P-7581	11	CLIP						
	9	1	4P-8134	1	CLIP						
	10	1	5P-2369	2	CLIP						
	11	1	5P-8245	1	WASHER-HARD (13.5X25.5X3-MM THK)						
	12	1	6D-4247	1	CLIP						
	13	1	7K-1181	27	STRAP-CABLE						
	14	1	8M-2773	1	CLIP						
M	15	1	8T-0372	1	BOLT (M12X1.75X90-MM)						
	16	1	8T-4121	26	WASHER-HARD (11X21X2.5-MM THK)						
M	17	1	8T-4133	8	NUT (M10X1.5-THD)						
M	18	1	8T-4136	7	BOLT (M10X1.5X25-MM)						
M	19	1	8T-4137	11	BOLT (M10X1.5X20-MM)						

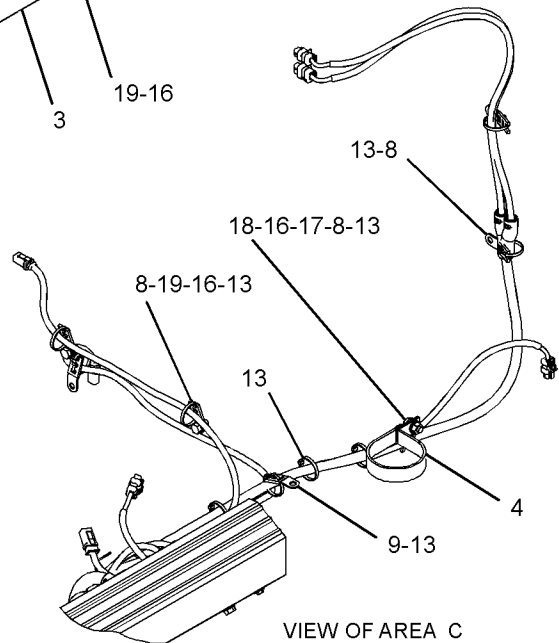
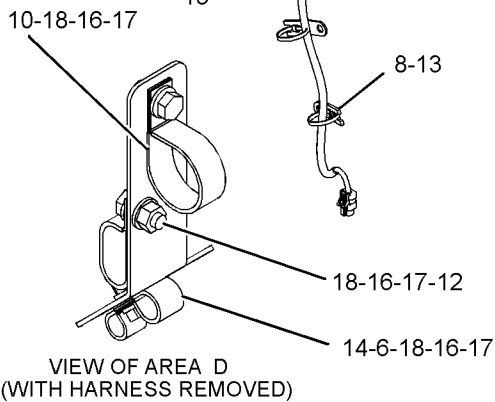
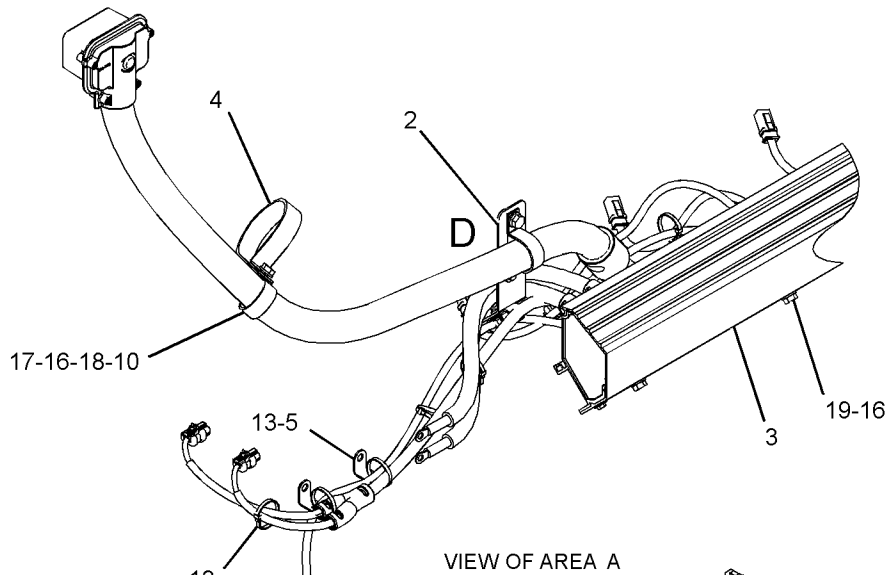
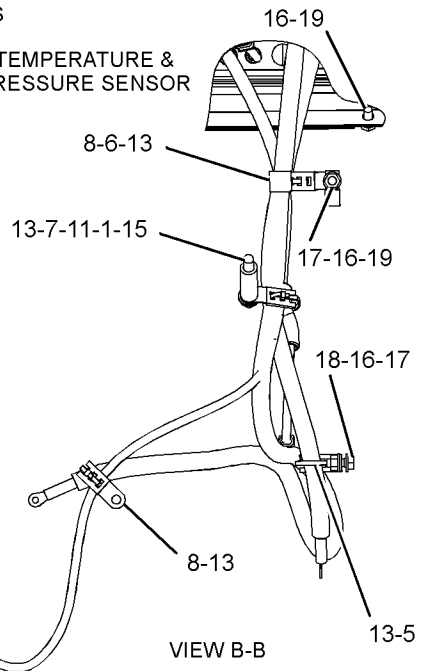
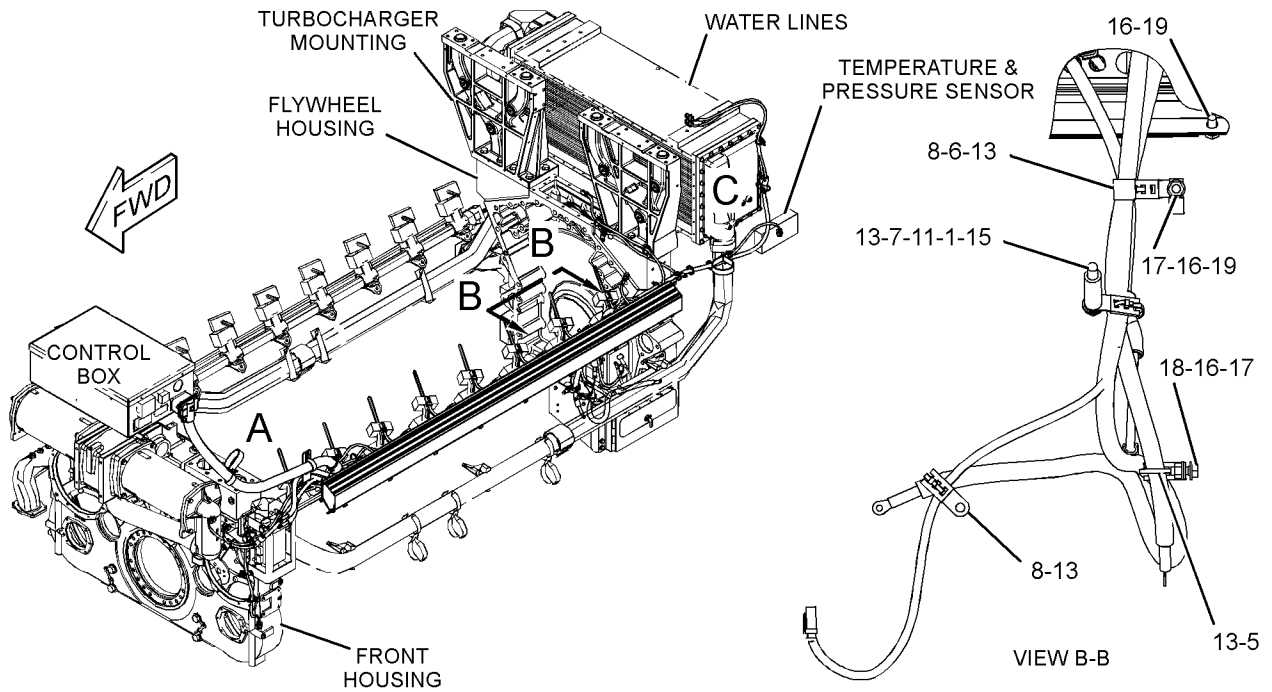
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

263-6612 WIRING GP-ENGINE (contd.)

i02440114



GRAPHIC #1

<END>

g01222395

ELECTRICAL AND STARTING SYSTEM

263-6613 WIRING GP-ENGINE-RH

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1000, 1408

i02440117

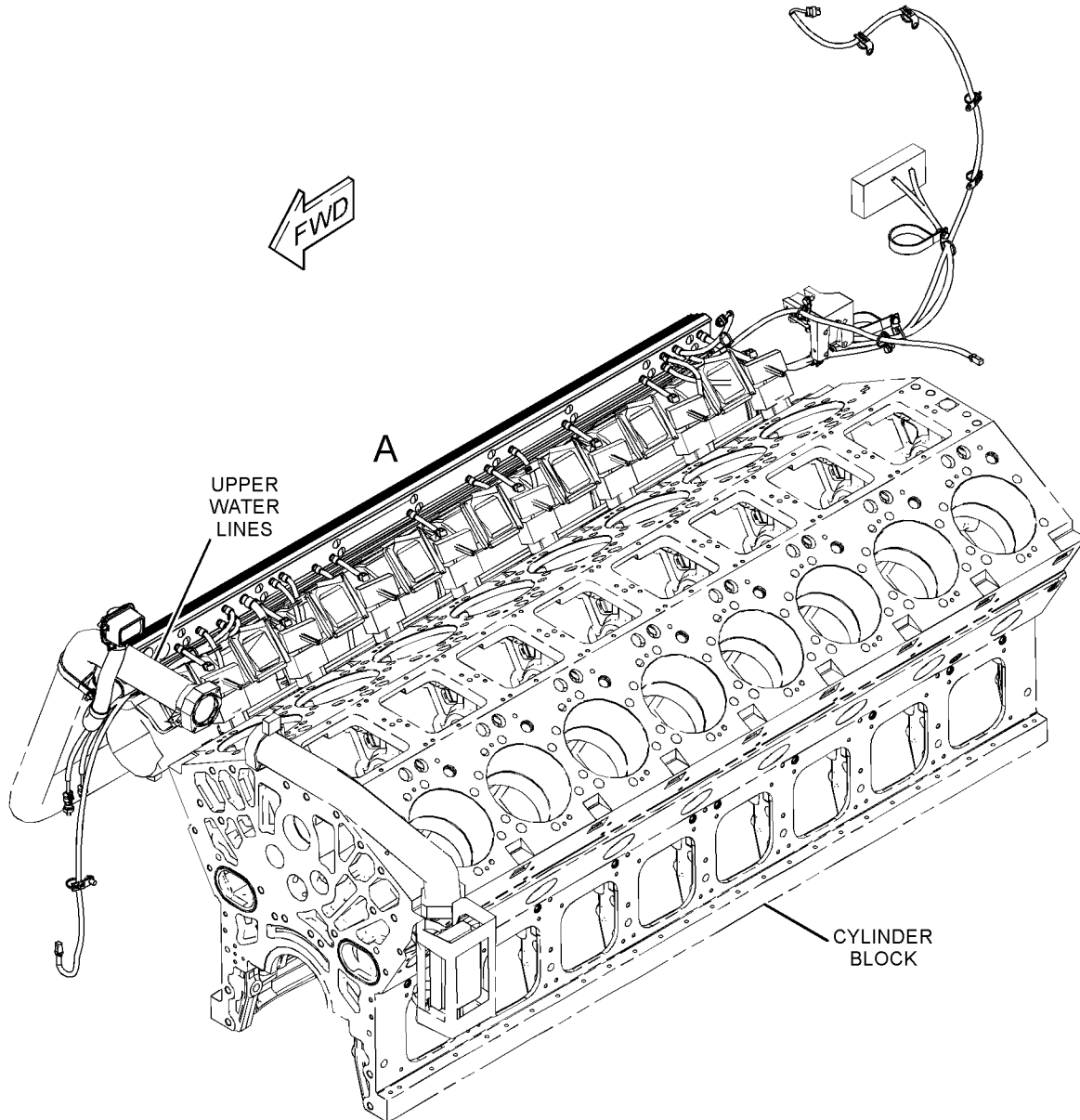
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	201-5926	1	TUBE						
	2	2	247-3429	2	CLAMP						
	3	2	263-6469	1	BRACKET AS						
M		2	8T-3490	5	NUT-WELD (M10X1.5-THD)						
Y	4	2	263-6601	1	HARNESS AS-ENGINE (RH)						360
	5	2	127-4837	3	CLIP						
	6	2	132-5789	15	CLIP						
	7	2	156-6175	3	CLIP						
	8	2	1L-5081	1	SPACER (0.41X0.75X0.56-IN THK)						
M	9	2	2Y-5829	1	NUT (M10X1.15-THD)						
	10	2	4P-7428	3	CLIP						
	11	2	4P-7429	3	CLIP						
	12	2	4P-7581	6	CLIP						
M	13	2	5C-2890	3	NUT (M6X1-THD)						
M	14	2	5C-9553	3	BOLT (M6X1X16-MM)						
	15	2	5P-2369	1	CLIP						
	16	2	5P-8245	1	WASHER-HARD (13.5X25.5X3-MM THK)						
M	17	2	6V-4249	1	BOLT (M10X1.5X50-MM)						
	18	2	6V-5839	2	WASHER (11X21X2.5-MM THK)						
	19	2	7K-1181	31	STRAP-CABLE						
M	20	2	8T-0372	1	BOLT (M12X1.75X90-MM)						
	21	2	8T-4121	23	WASHER-HARD (11X21X2.5-MM THK)						
M	22	2	8T-4133	4	NUT (M10X1.5-THD)						
M	23	2	8T-4136	2	BOLT (M10X1.5X25-MM)						
M	24	2	8T-4137	15	BOLT (M10X1.5X20-MM)						
M	25	2	8T-4179	4	BOLT (M12X1.75X20-MM)						
M	26	2	8T-4195	2	BOLT (M10X1.5X30-MM)						
	27	2	8T-4223	4	WASHER-HARD (13.5X25.5X3-MM THK)						
	28	2	9X-8256	3	WASHER (6.6X12X2-MM THK)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

263-6613 WIRING GP-ENGINE (contd.)

i02440117



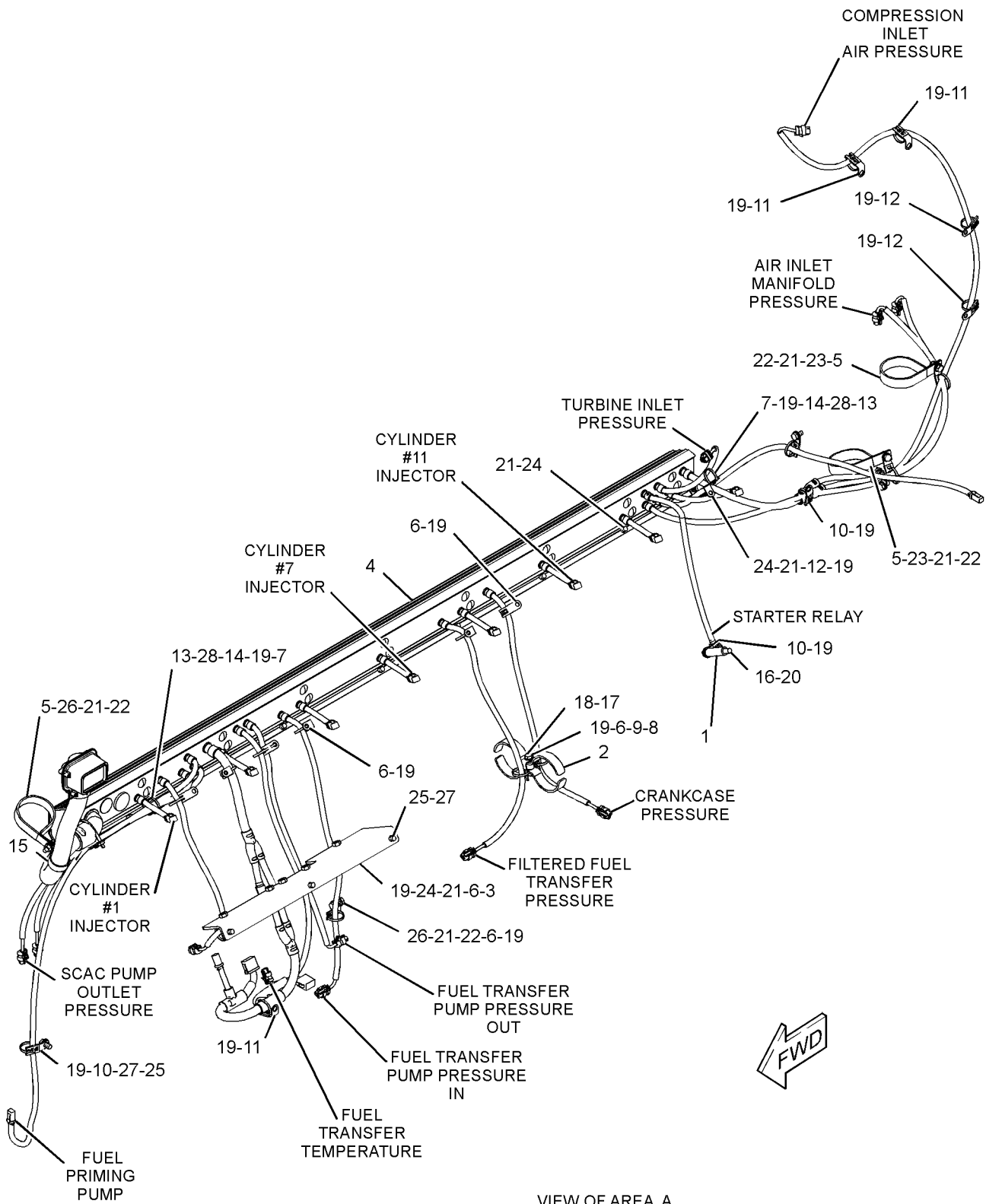
GRAPHIC #1

g0122378

ELECTRICAL AND STARTING SYSTEM

263-6613 WIRING GP-ENGINE (contd.)

i02440117



GRAPHIC #2

<END>

g01229345

ELECTRICAL AND STARTING SYSTEM

263-6614 WIRING GP-ENGINE-LH

S/N: WYB1-UP

FOR USE WITH THERMOCOUPLE OPTION
AN ATTACHMENT

SMCS-1000, 1408

i02440131

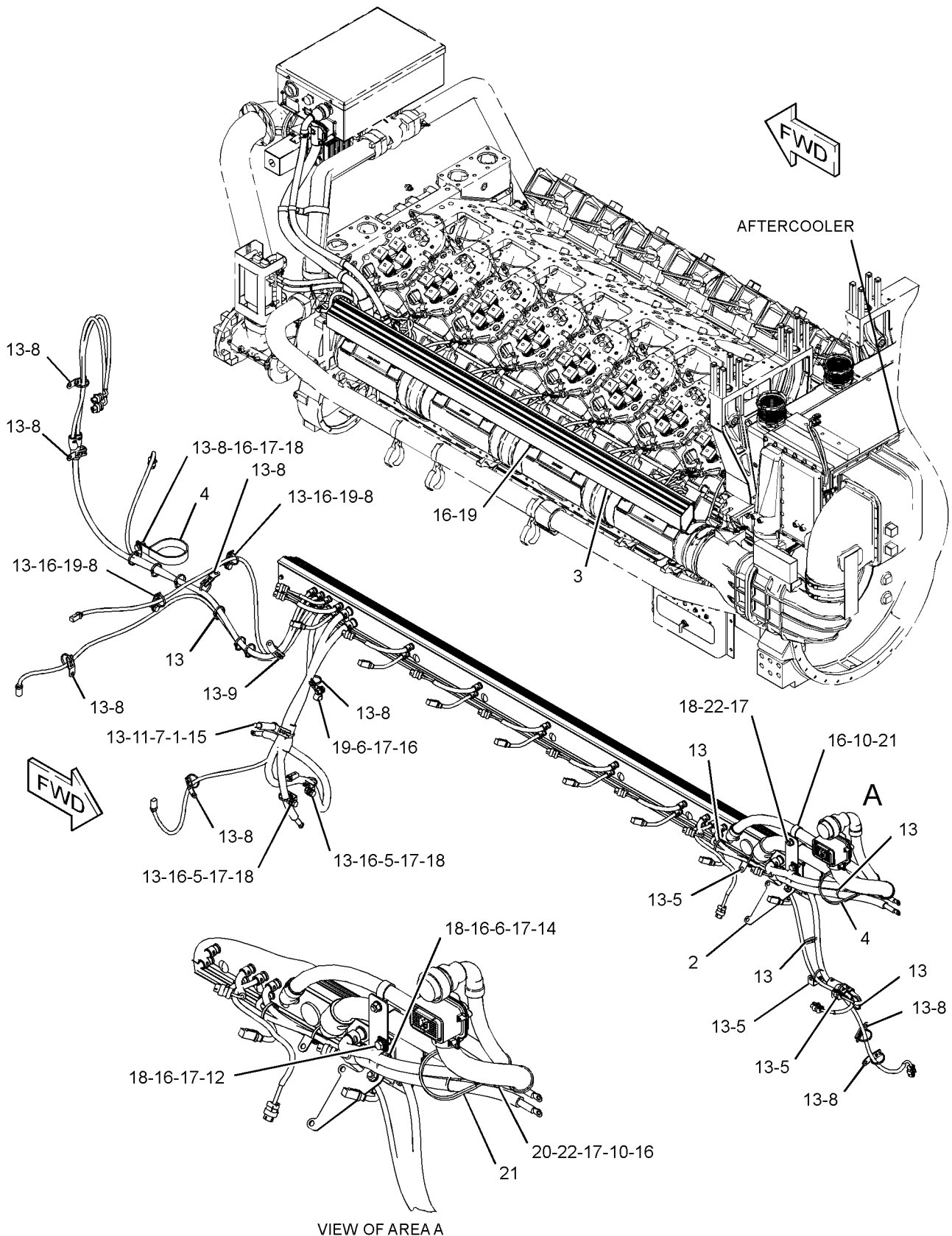
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	201-5926	1	TUBE						
	2	1	263-6562	1	BRACKET						
Y	3	1	263-6602	1	HARNESS AS-ENGINE (LH)						361
	4	1	127-4837	2	CLIP						
	5	1	132-5789	5	CLIP						
	6	1	4K-8864	2	CLIP						
	7	1	4P-7428	1	CLIP						
	8	1	4P-7581	11	CLIP						
	9	1	4P-8134	1	CLIP						
	10	1	5P-2369	2	CLIP						
	11	1	5P-8245	1	WASHER-HARD (13.5X25.5X3-MM THK)						
	12	1	6D-4247	1	CLIP						
	13	1	7K-1181	27	STRAP-CABLE						
	14	1	8M-2773	1	CLIP						
M	15	1	8T-0372	1	BOLT (M12X1.75X90-MM)						
	16	1	8T-4121	24	WASHER-HARD (11X21X2.5-MM THK)						
M	17	1	8T-4133	8	NUT (M10X1.5-THD)						
M	18	1	8T-4136	6	BOLT (M10X1.5X25-MM)						
M	19	1	8T-4137	11	BOLT (M10X1.5X20-MM)						
M	20	1	8T-4195	1	BOLT (M10X1.5X30-MM)						
	21	1	9M-4972	2	CLIP						
	22	1	9X-2027	2	WASHER (11X18X2-MM THK)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

263-6614 WIRING GP-ENGINE (contd.)

i02440131



GRAPHIC #1

<END>

g0122315

ELECTRICAL AND STARTING SYSTEM

263-6615 WIRING GP-ENGINE-RH

S/N: WYB1-UP

FOR USE WITH THERMOCOUPLE OPTION
AN ATTACHMENT

SMCS-1000, 1408

i02440588

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	201-5926	1	TUBE						
	2	1	247-3429	2	CLAMP						
	3	1	263-6469	1	BRACKET AS						
M		1	8T-3490	5	NUT-WELD (M10X1.5-THD)						
	4	1	263-6561	1	BRACKET						
Y	5	1	263-6603	1	HARNESS AS-ENGINE (RH)						362
	6	1	127-4837	3	CLIP						
	7	1	132-5789	15	CLIP						
	8	1	156-6175	3	CLIP						
	9	1	1L-5081	1	SPACER (0.41X0.75X0.56-IN THK)						
	10	1	4P-7428	3	CLIP						
	11	1	4P-7429	3	CLIP						
	12	1	4P-7581	6	CLIP						
M	13	1	5C-2890	3	NUT (M6X1-THD)						
M	14	1	5C-9553	3	BOLT (M6X1X16-MM)						
	15	1	5P-2369	1	CLIP						
	16	1	6V-1889	1	CLIP						
	17	1	7K-1181	31	STRAP-CABLE						
	18	1	8T-4121	27	WASHER-HARD (11X21X2.5-MM THK)						
M	19	1	8T-4133	6	NUT (M10X1.5-THD)						
M	20	1	8T-4136	3	BOLT (M10X1.5X25-MM)						
M	21	1	8T-4137	15	BOLT (M10X1.5X20-MM)						
M	22	1	8T-4176	1	BOLT (M12X1.75X90-MM)						
M	23	1	8T-4179	4	BOLT (M12X1.75X20-MM)						
M	24	1	8T-4185	1	BOLT (M10X1.5X50-MM)						
M	25	1	8T-4195	2	BOLT (M10X1.5X30-MM)						
	26	1	8T-4223	5	WASHER-HARD (13.5X25.5X3-MM THK)						
	27	1	9M-4972	1	CLIP						
	28	1	9X-8256	3	WASHER (6.6X12X2-MM THK)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

263-6733 WIRING GP-ENGINE-POWER DISTRIBUTION

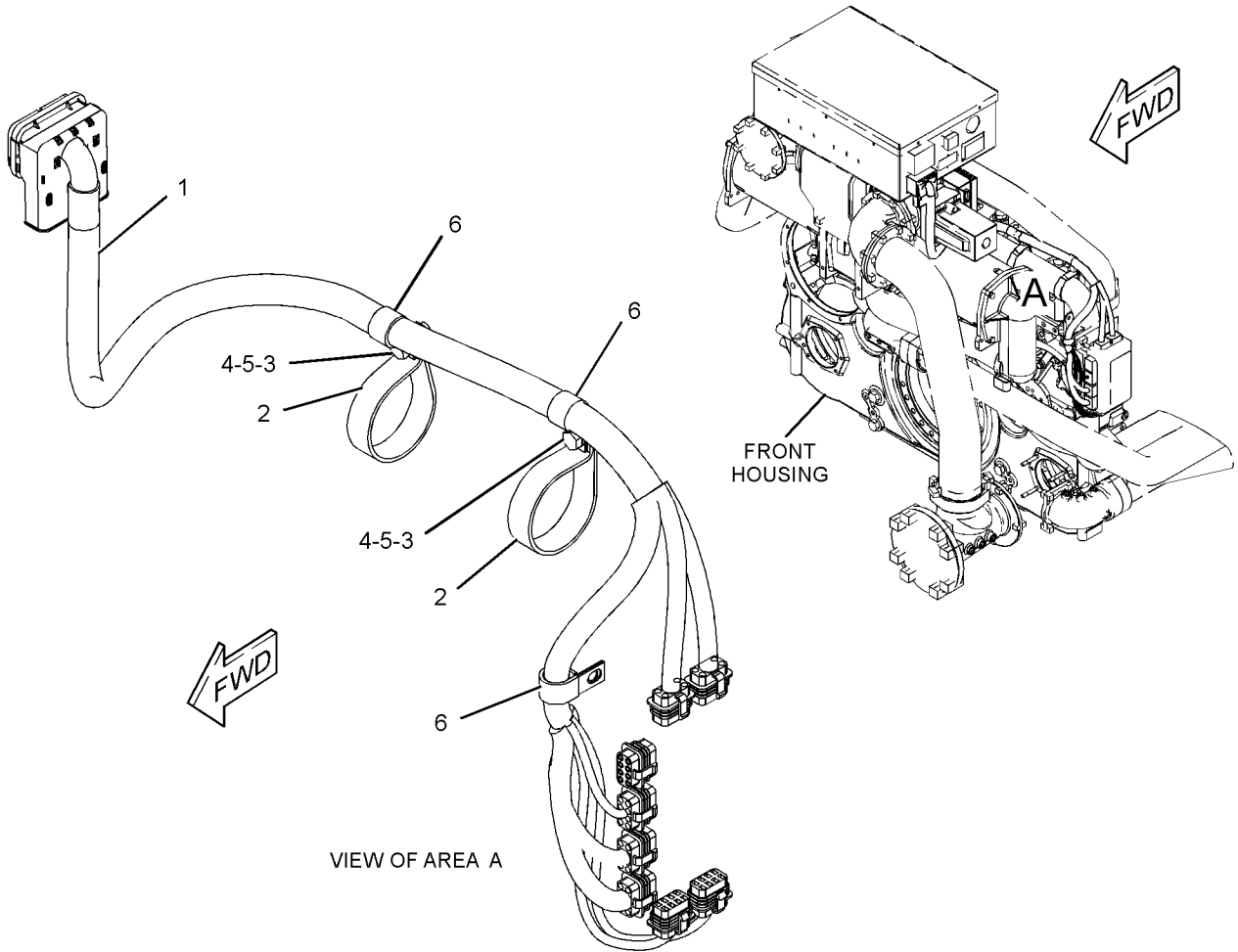
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1000, 1408

i02440584

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	263-6734	1	HARNESS AS-ENGINE (POWER DISTRIBUTION)						363
	2	1	5L-3244	2	CLIP						
M	3	1	8T-4133	2	NUT (M10X1.5-THD)						
M	4	1	8T-4195	2	BOLT (M10X1.5X30-MM)						
	5	1	8T-4896	4	WASHER-HARD (10.2X18.5X2.5-MM THK)						
	6	1	9X-8250	3	CLIP						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01221151

ELECTRICAL AND STARTING SYSTEM

263-6749 WIRING GP-ENGINE-POWER DISTRIBUTION

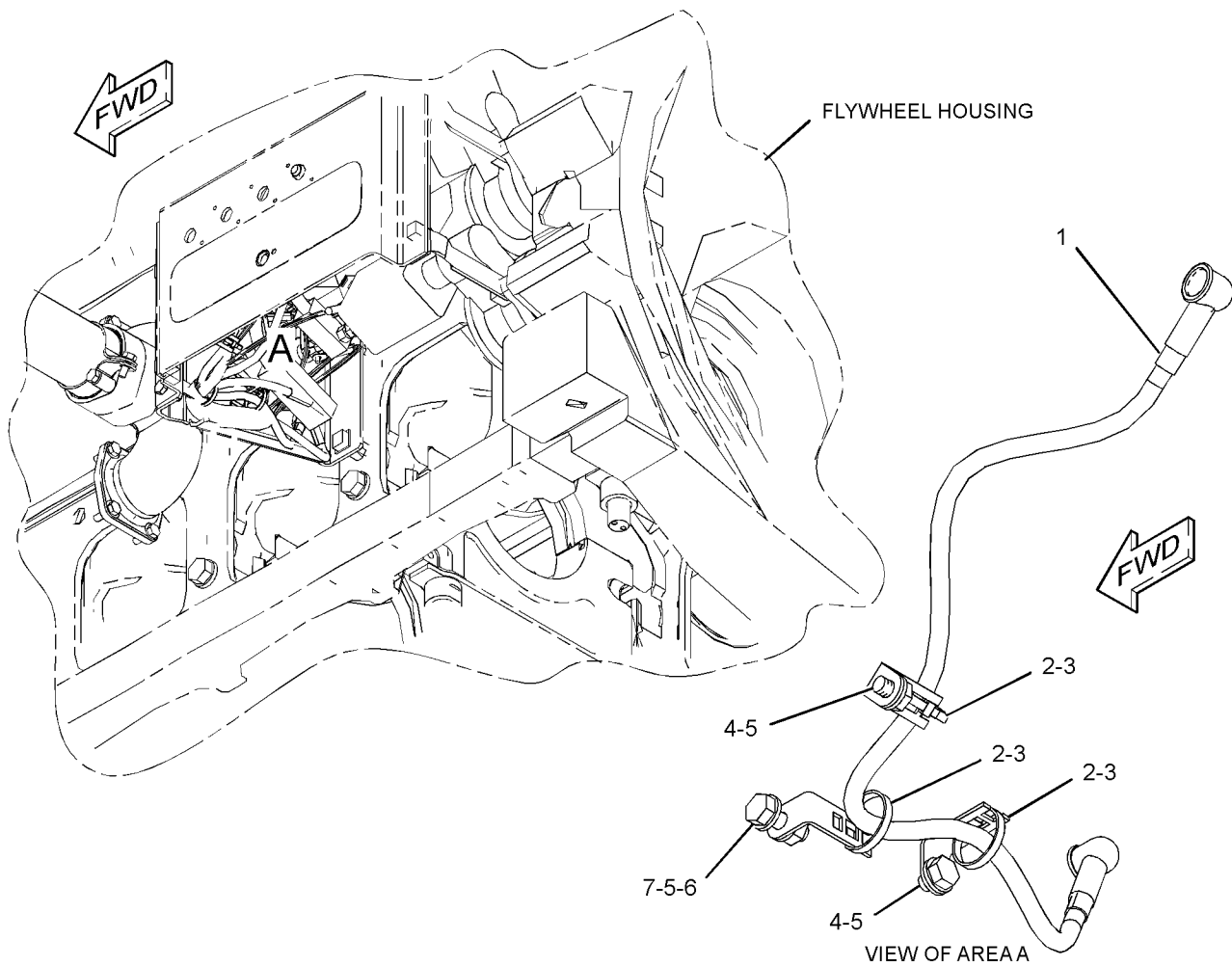
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1000, 1408

i02440581

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	263-6750	1	WIRE AS						
	2	1	132-5789	3	CLIP						
	3	1	7K-1181	3	STRAP-CABLE						
M	4	1	7X-2621	2	BOLT (M10X1.5X12-MM)						
	5	1	8T-4121	4	WASHER-HARD (11X21X2.5-MM THK)						
M	6	1	8T-4133	1	NUT (M10X1.5-THD)						
M	7	1	8T-4195	1	BOLT (M10X1.5X30-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01222603

ELECTRICAL AND STARTING SYSTEM

278-7386 WIRING GP-ENGINE-POWER DISTRIBUTION

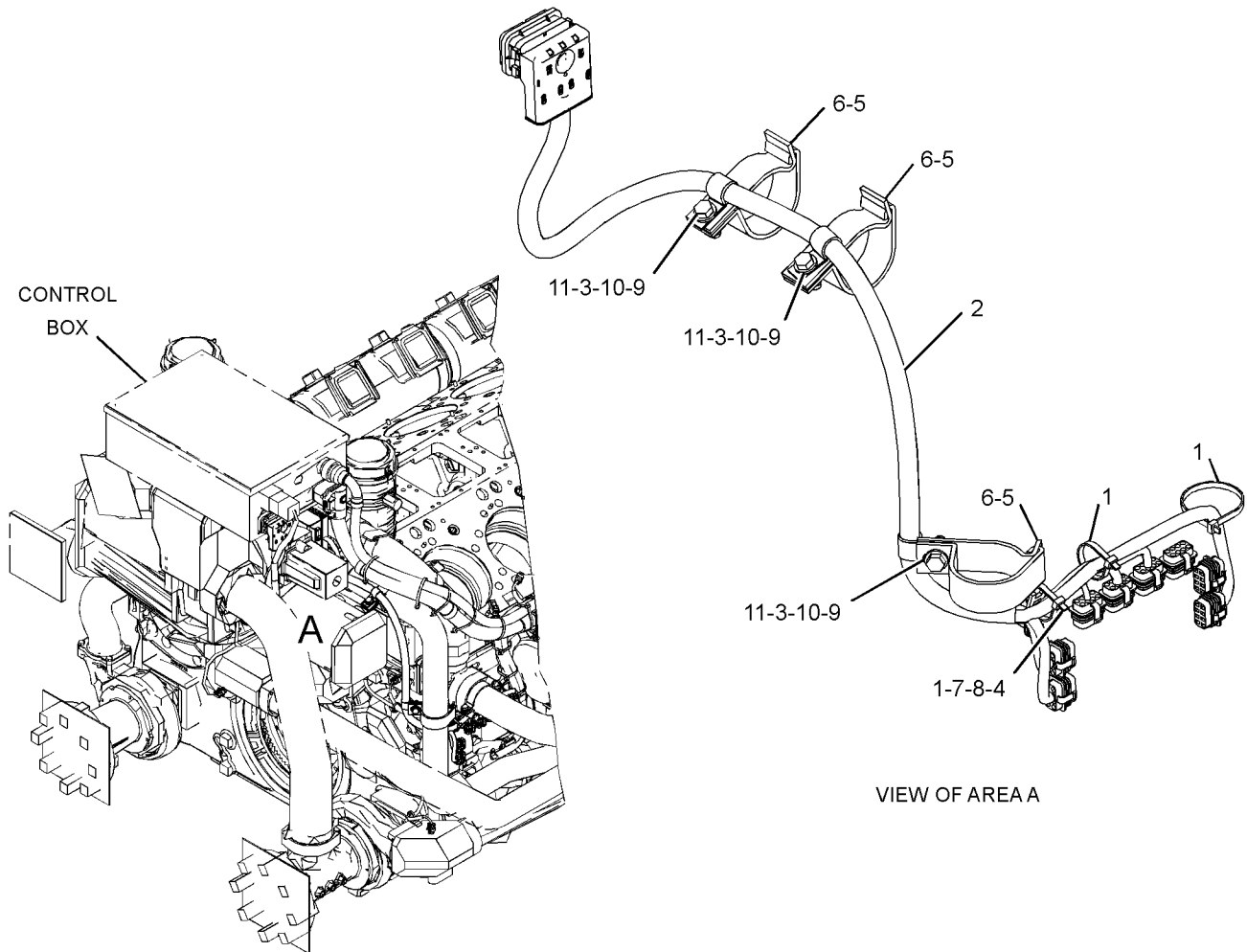
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1000, 1408

i02495771

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	278-7387	1	HARNESS AS-POWER						378
	3	1	1S-1015	3	CLIP						
	4	1	4P-7581	1	CLIP						
	5	1	6V-5039	3	CLIP (SLOT)						
	6	1	6V-5040	3	CLIP (TAB)						
	7	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						
M	8	1	8T-4136	1	BOLT (M10X1.5X25-MM)						
M	9	1	8T-4183	3	BOLT (M12X1.75X40-MM)						
	10	1	8T-4223	6	WASHER-HARD (13.5X25.5X3-MM THK)						
M	11	1	8T-4244	3	NUT (M12X1.75-THD)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01249417

ELECTRICAL AND STARTING SYSTEM

285-3991 WIRING GP-ENGINE-LH

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1000, 1408

i02495772

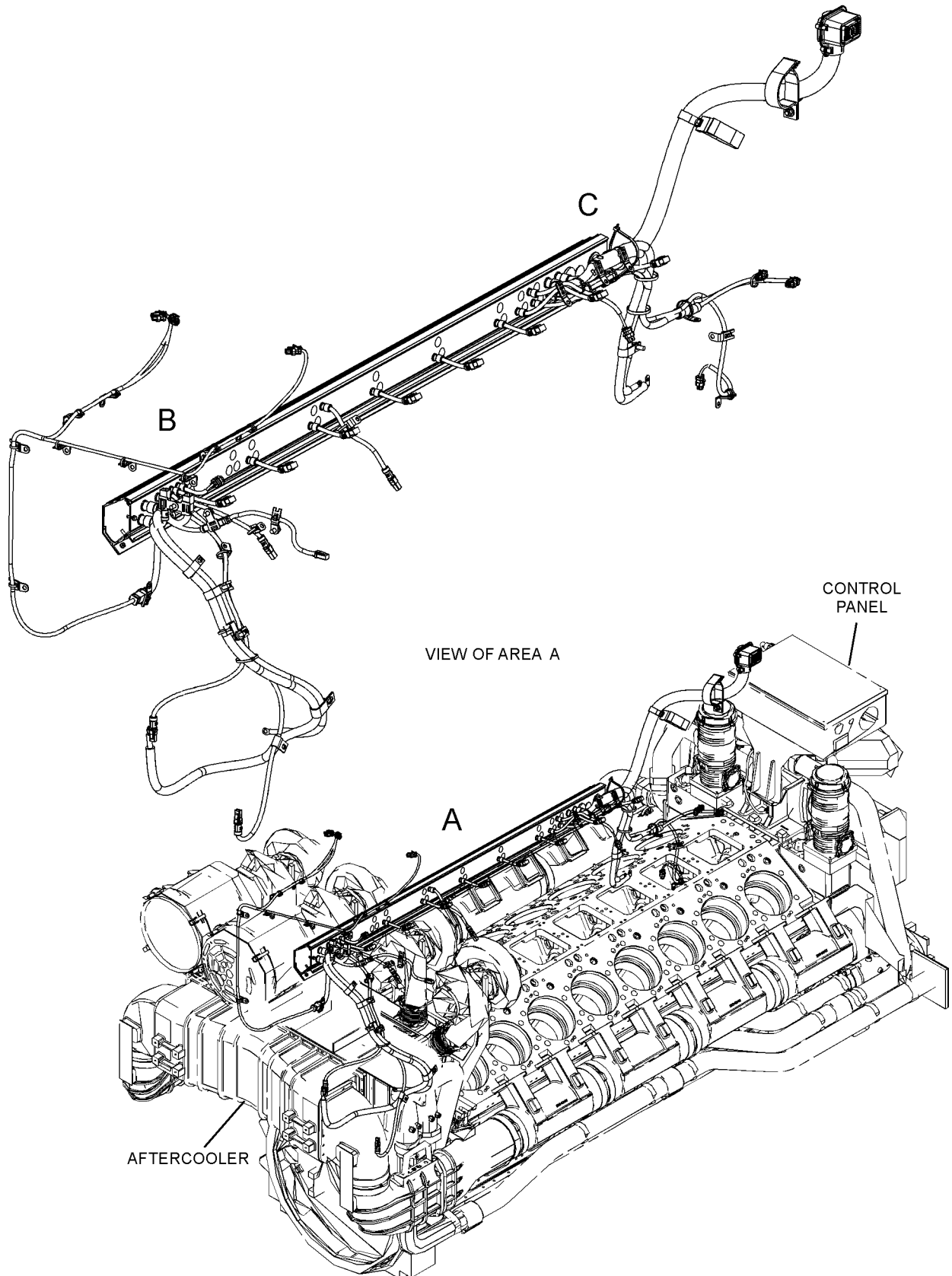
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	278-7382	1	CLIP						
Y	2	2	285-3992	1	HARNESS AS-ENGINE						364
	3	2	124-0174	1	CLIP						
	4	2	130-5300	3	CLIP						
	5	2	132-5789	3	CLIP						
	6	2	4P-7428	1	CLIP						
	7	2	4P-7429	4	CLIP						
	8	2	4P-7581	11	CLIP						
	9	2	4P-8134	4	CLIP						
	10	2	5P-2369	2	CLIP						
	11	2	6D-4247	3	CLIP						
	12	2	6D-7573	1	CLIP						
	13	2	6V-4356	2	CLIP (SLOT)						
	14	2	6V-4357	2	CLIP (TAB)						
	15	2	7X-7729	8	WASHER (11X25X3-MM THK)						
	16	2	8T-4121	7	WASHER-HARD (11X21X2.5-MM THK)						
M	17	2	8T-4133	2	NUT (M10X1.5-THD)						
M	18	2	8T-4136	11	BOLT (M10X1.5X25-MM)						
M	19	2	8T-4137	3	BOLT (M10X1.5X20-MM)						
M	20	2	8T-4195	2	BOLT (M10X1.5X30-MM)						
	21	2	8T-7934	4	WASHER-HARD (11X21X5-MM THK)						
	22	2	7K-1181	30	STRAP-CABLE						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

285-3991 WIRING GP-ENGINE (contd.)

i02495772



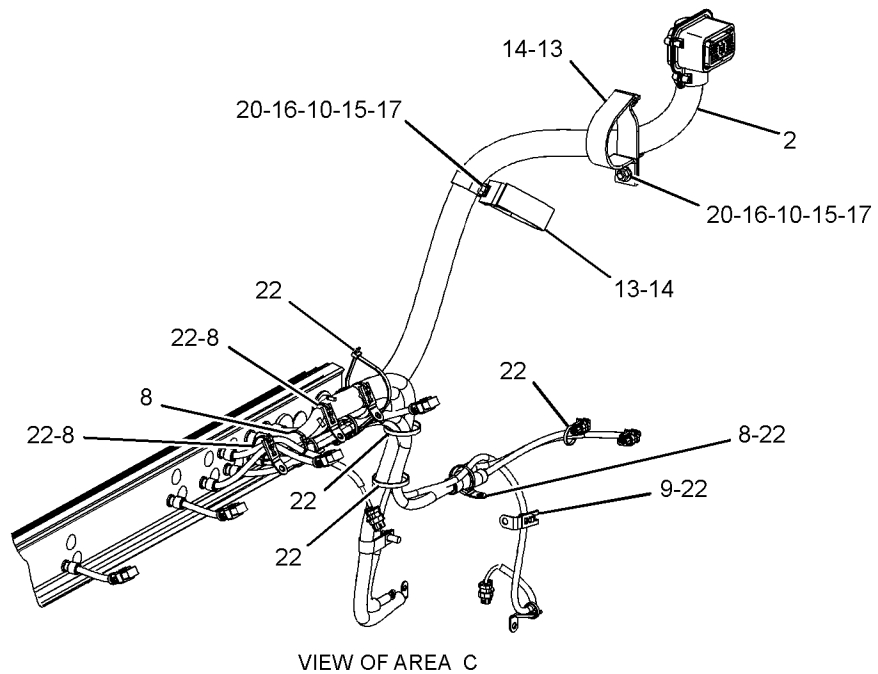
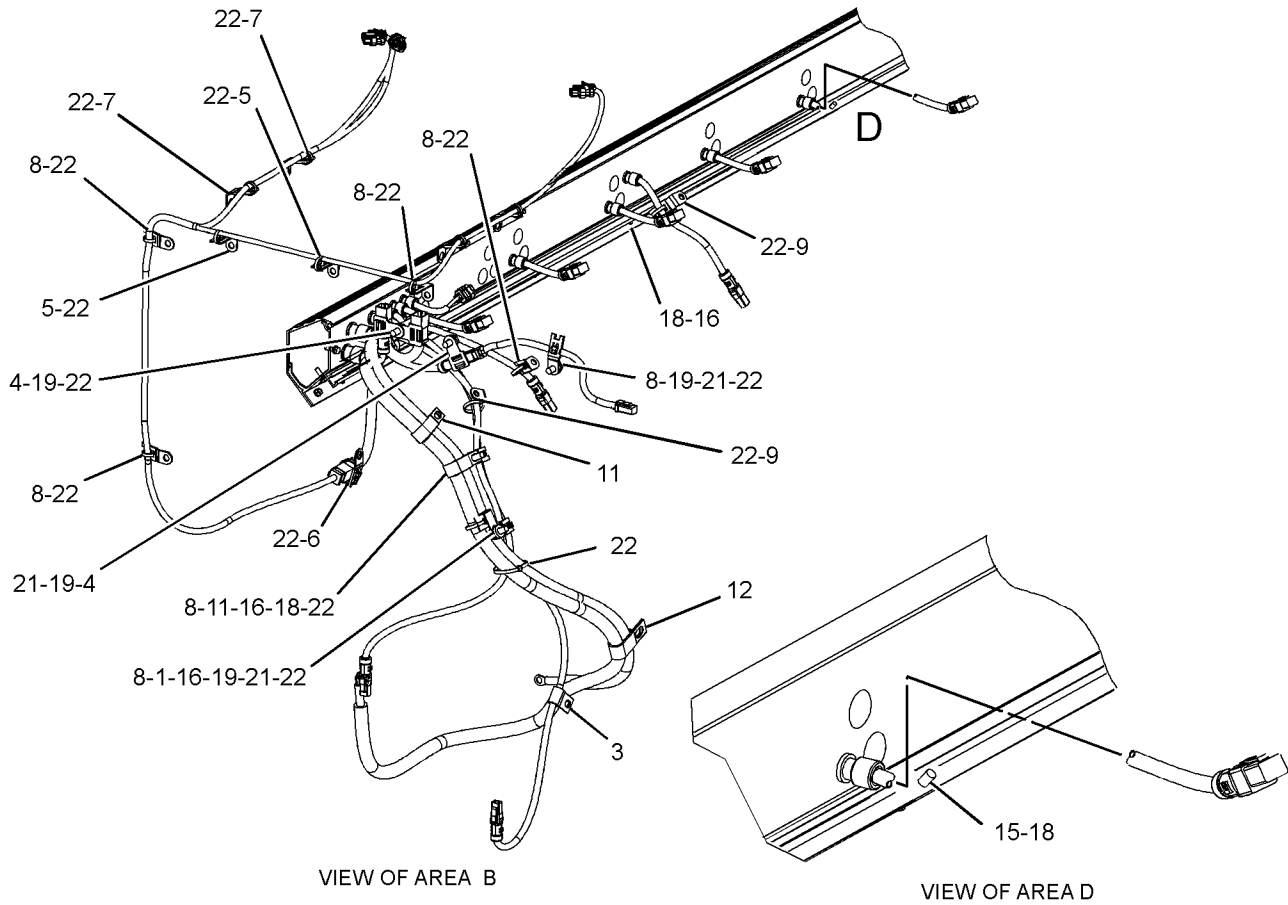
GRAPHIC #1

g01249635

ELECTRICAL AND STARTING SYSTEM

285-3991 WIRING GP-ENGINE (contd.)

i02495772



GRAPHIC #2

<END>

g01253755

ELECTRICAL AND STARTING SYSTEM

285-3993 WIRING GP-ENGINE-LH

S/N: WYB1-UP

FOR USE WITH THERMOCOUPLE OPTION
AN ATTACHMENT

SMCS-1000, 1408

i02495774

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	278-7382	1	CLIP						
Y	2	3	285-3994	1	HARNESS AS-ENGINE						366
	3	2	124-0174	1	CLIP						
	4	2	130-5300	3	CLIP						
	5	2	132-5789	3	CLIP						
	6	2	4P-7428	1	CLIP						
	7	2	4P-7429	4	CLIP						
	8	2,3	4P-7581	11	CLIP						
	9	2,3	4P-8134	4	CLIP						
	10	4	5P-2369	2	CLIP						
	11	2,3	6D-4247	3	CLIP						
	12	2	6D-7573	1	CLIP						
	13	4	6V-4356	2	CLIP (SLOT)						
	14	4	6V-4357	2	CLIP (TAB)						
	15	4	7X-7729	8	WASHER (11X25X3-MM THK)						
	16	2,3,4	8T-4121	7	WASHER-HARD (11X21X2.5-MM THK)						
M	17	4	8T-4133	2	NUT (M10X1.5-THD)						
M	18	2,3,4	8T-4136	11	BOLT (M10X1.5X25-MM)						
M	19	2	8T-4137	3	BOLT (M10X1.5X20-MM)						
M	20	4	8T-4195	2	BOLT (M10X1.5X30-MM)						
	21	2	8T-7934	4	WASHER-HARD (11X21X5-MM THK)						
	22	2,3	7K-1181	35	STRAP-CABLE						

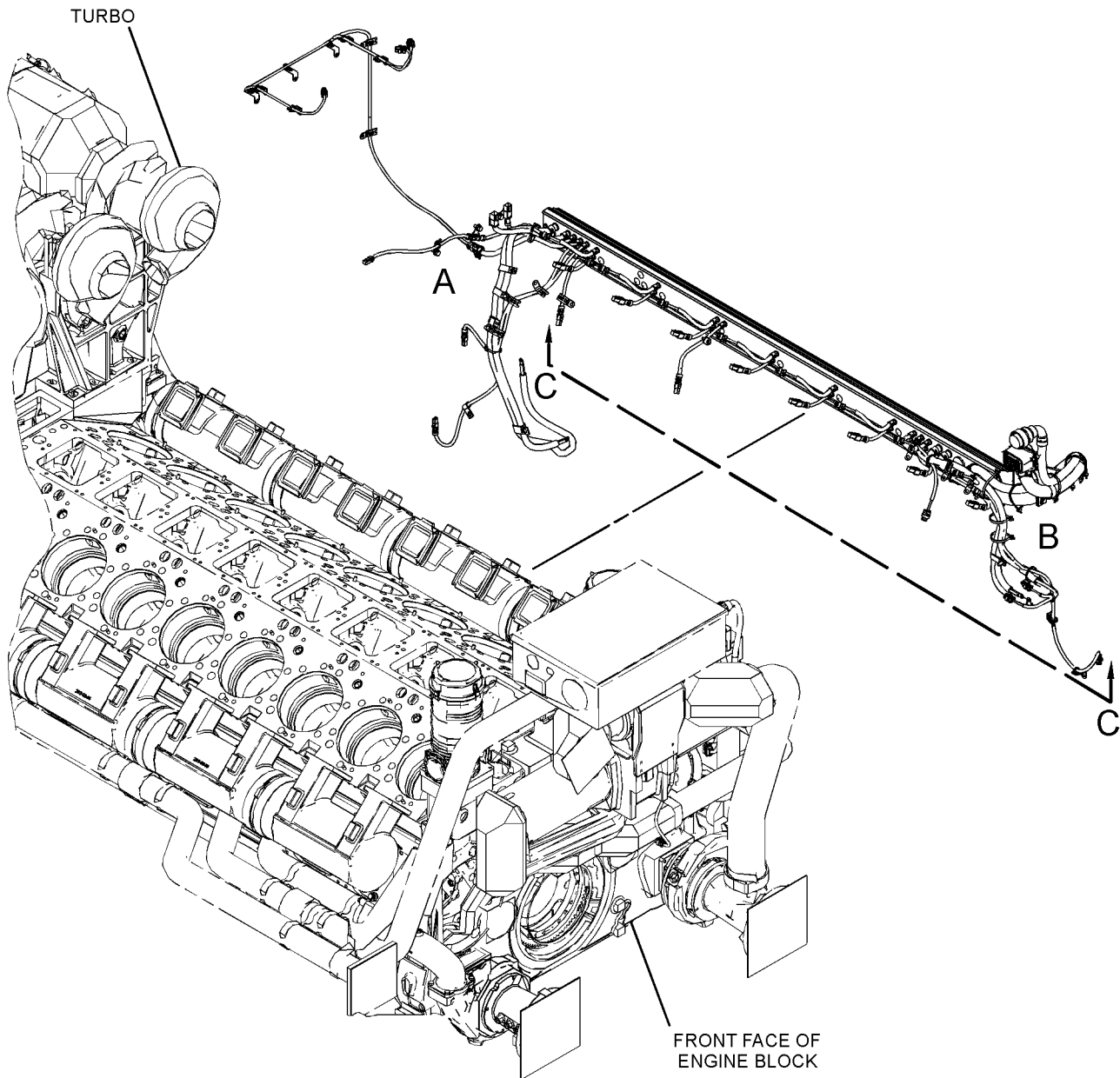
M-METRIC PART
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

285-3993 WIRING GP-ENGINE (contd.)

i02495774

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



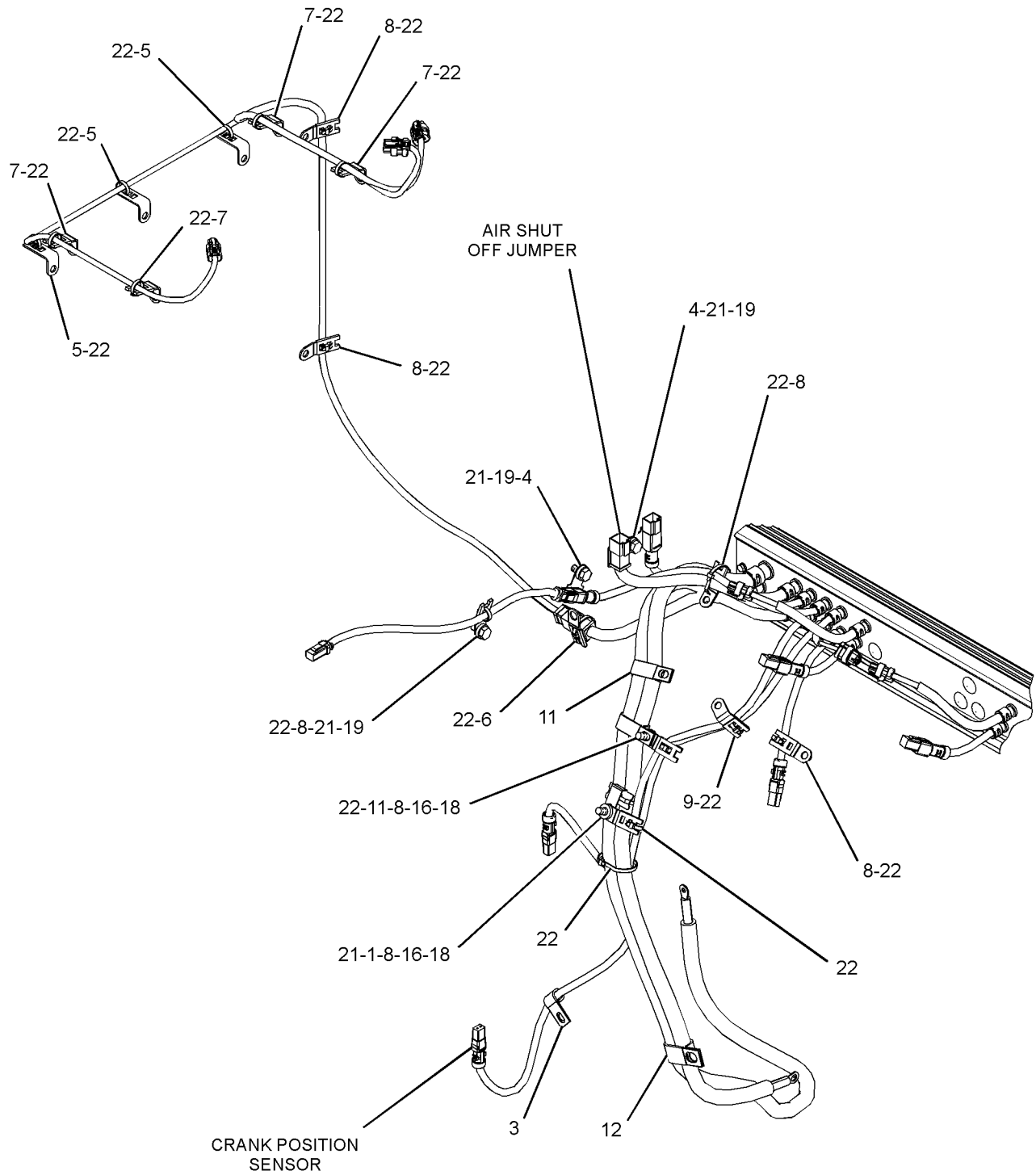
GRAPHIC #1

g01249477

ELECTRICAL AND STARTING SYSTEM

285-3993 WIRING GP-ENGINE (contd.)

i02495774



VIEW OF AREA A

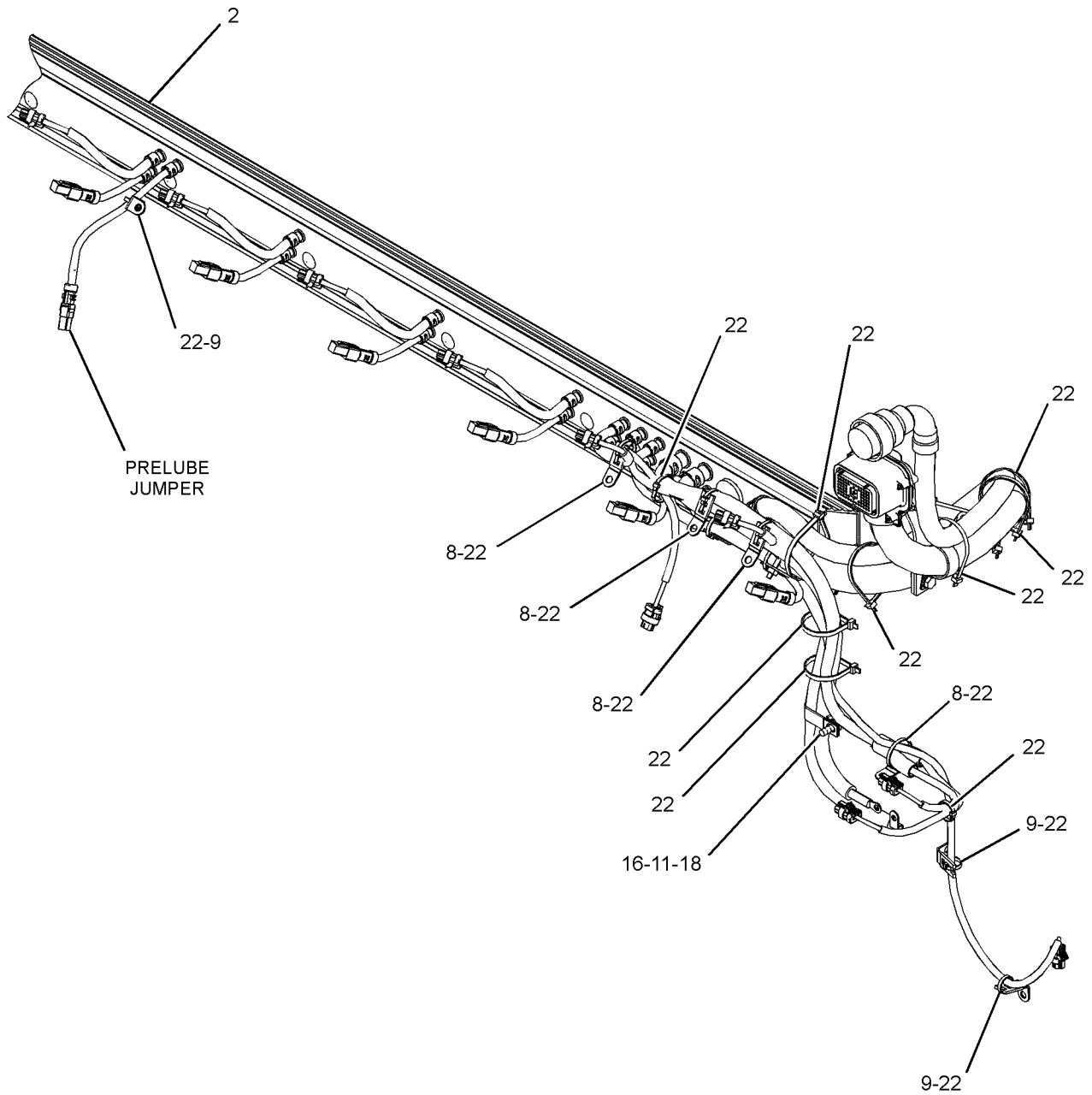
GRAPHIC #2

g01249530

ELECTRICAL AND STARTING SYSTEM

285-3993 WIRING GP-ENGINE (contd.)

i02495774



VIEW OF AREA B

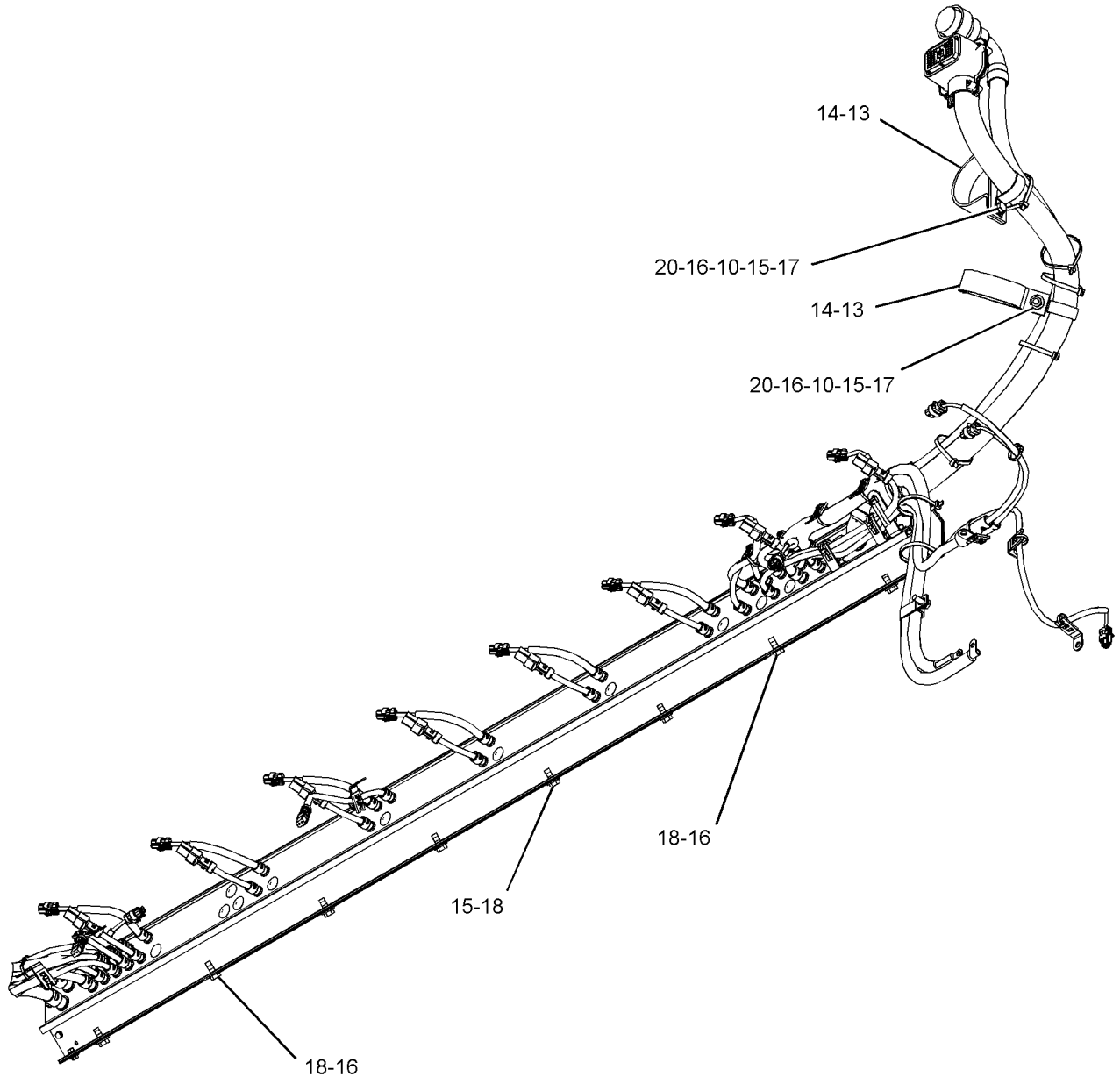
GRAPHIC #3

g01249532

ELECTRICAL AND STARTING SYSTEM

285-3993 WIRING GP-ENGINE (contd.)

i02495774



VIEW C-C

<END>

GRAPHIC #4

g01249621

ELECTRICAL AND STARTING SYSTEM

285-4001 WIRING GP-ENGINE-RH

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1000, 1408

i02495775

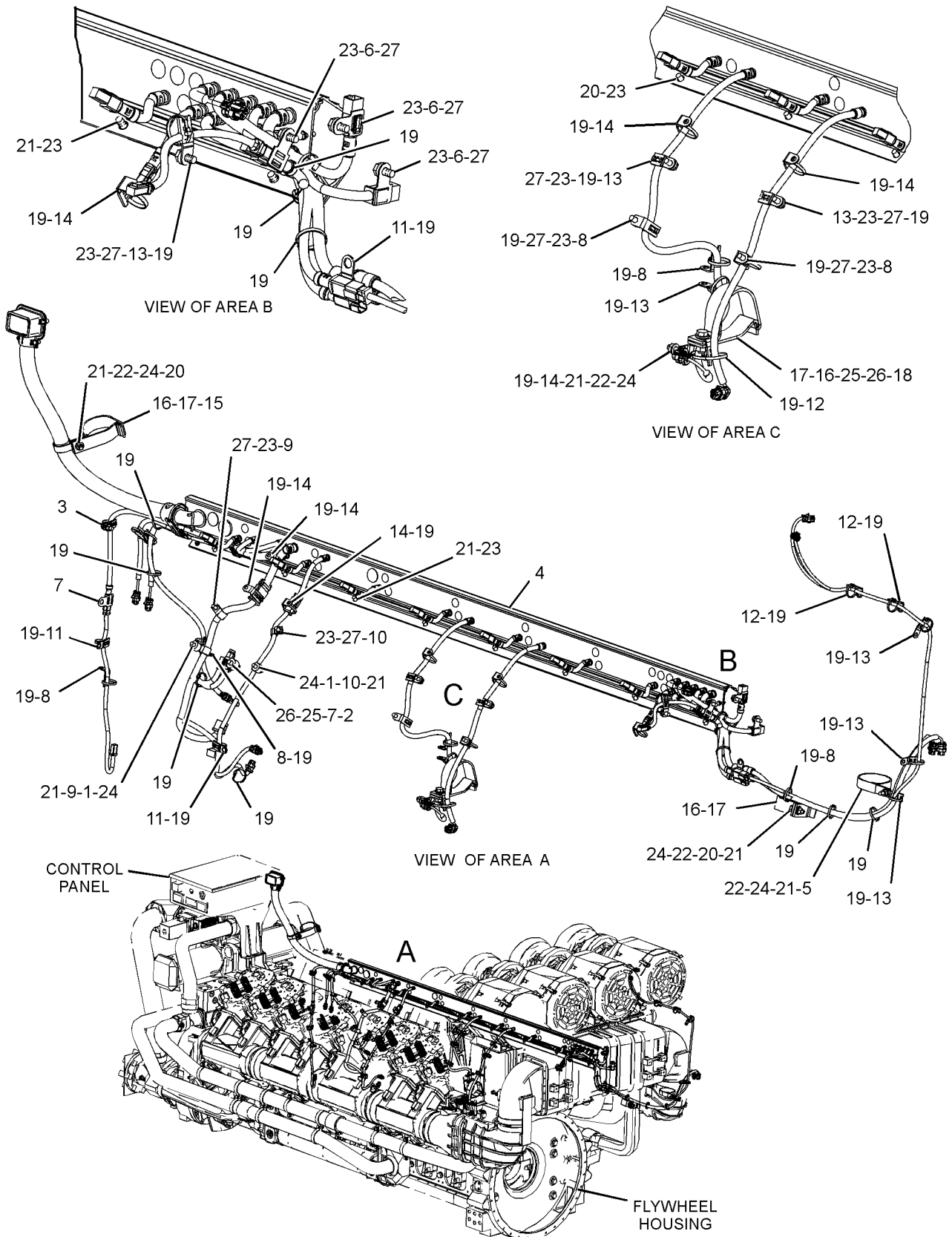
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5G-7817	2	BOSS						
	2	1	228-4710	1	SPACER (14X30X20-MM THK)						
Y	3	1	278-7377	1	MOUNTING GP-WIRING						400
Y	4	1	285-4002	1	HARNESS AS-ENGINE						370
	5	1	127-4837	1	CLIP						
	6	1	130-5300	3	CLIP						
	7	1	130-5301	2	CLIP						
	8	1	132-5789	6	CLIP						
	9	1	1S-0994	2	CLIP						
	10	1	4K-8864	2	CLIP						
	11	1	4P-7428	3	CLIP						
	12	1	4P-7429	3	CLIP						
	13	1	4P-7581	7	CLIP						
	14	1	4P-8134	7	CLIP						
	15	1	5P-2369	1	CLIP						
	16	1	6V-4356	3	CLIP (SLOT)						
	17	1	6V-4357	3	CLIP (TAB)						
M	18	1	6V-8149	1	NUT (M12X1.75-THD)						
	19	1	7K-1181	36	STRAP-CABLE						
	20	1	7X-7729	8	WASHER (11X25X3-MM THK)						
	21	1	8T-4121	10	WASHER-HARD (11X21X2.5-MM THK)						
M	22	1	8T-4133	4	NUT (M10X1.5-THD)						
M	23	1	8T-4137	18	BOLT (M10X1.5X20-MM)						
M	24	1	8T-4196	6	BOLT (M10X1.5X35-MM)						
	25	1	8T-4223	3	WASHER-HARD (13.5X25.5X3-MM THK)						
M	26	1	8T-4956	2	BOLT (M12X1.75X35-MM)						
	27	1	8T-7934	10	WASHER-HARD (11X21X5-MM THK)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

285-4001 WIRING GP-ENGINE (contd.)

i02495775



GRAPHIC #1

<END>

g01249712

ELECTRICAL AND STARTING SYSTEM

285-4003 WIRING GP-ENGINE-RH

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1000, 1408

i02495806

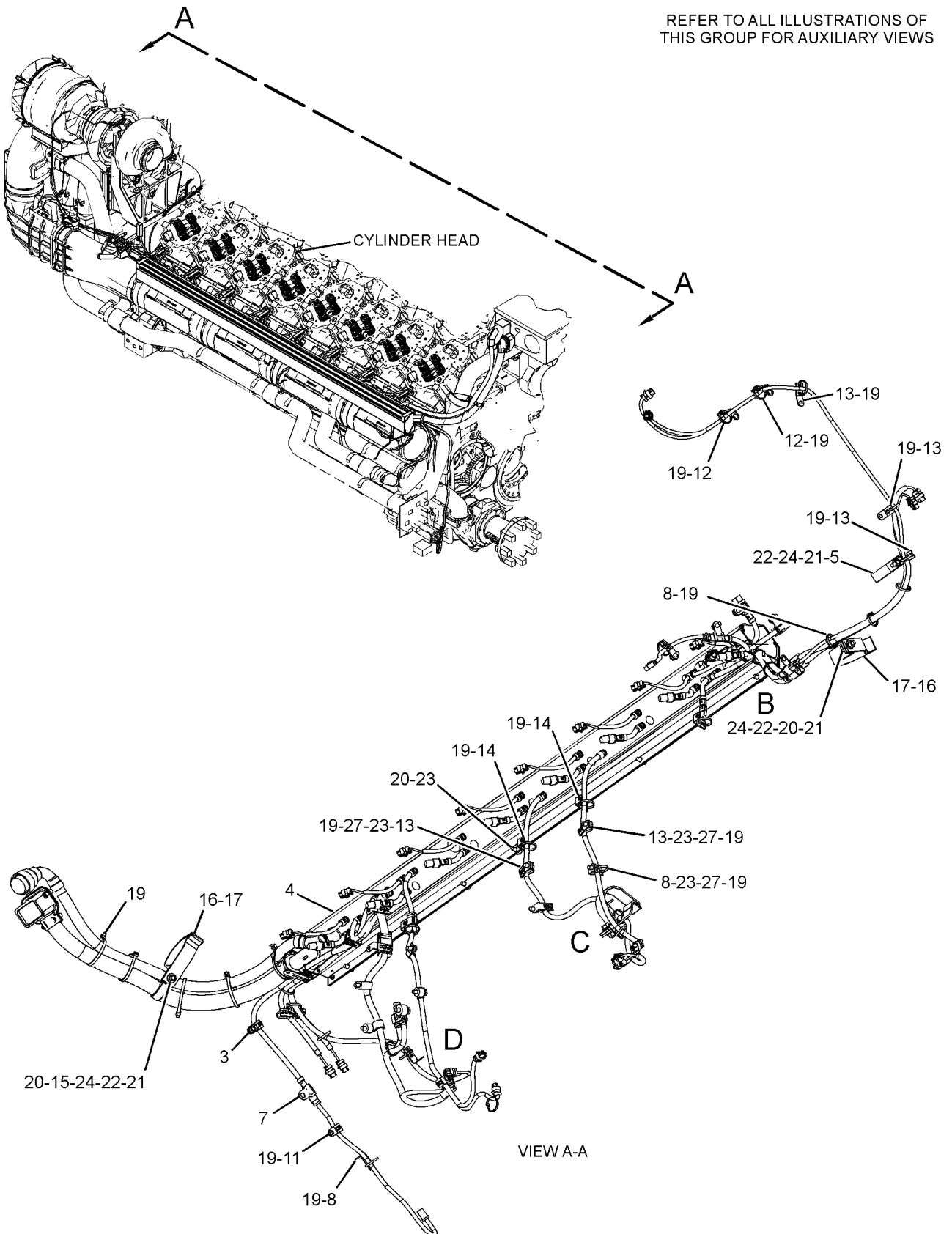
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	5G-7817	2	BOSS						
	2	2	228-4710	1	SPACER (14X30X20-MM THK)						
Y	3	1	278-7377	1	MOUNTING GP-WIRING						400
Y	4	1	285-4004	1	HARNESS AS-ENGINE						372
	5	1	127-4837	1	CLIP						
	6	2	130-5300	3	CLIP						
	7	1,2	130-5301	2	CLIP						
	8	1,2	132-5789	6	CLIP						
	9	2	1S-0994	2	CLIP						
	10	2	4K-8864	2	CLIP						
	11	1,2	4P-7428	3	CLIP						
	12	1,2	4P-7429	3	CLIP						
	13	1,2	4P-7581	7	CLIP						
	14	1,2	4P-8134	7	CLIP						
	15	1	5P-2369	1	CLIP						
	16	1,2	6V-4356	3	CLIP (SLOT)						
	17	1,2	6V-4357	3	CLIP (TAB)						
M	18	2	6V-8149	1	NUT (M12X1.75-THD)						
	19	1,2	7K-1181	41	STRAP-CABLE						
	20	1	7X-7729	8	WASHER (11X25X3-MM THK)						
	21	1,2	8T-4121	10	WASHER-HARD (11X21X2.5-MM THK)						
M	22	1,2	8T-4133	4	NUT (M10X1.5-THD)						
M	23	1,2	8T-4137	18	BOLT (M10X1.5X20-MM)						
M	24	1,2	8T-4196	6	BOLT (M10X1.5X35-MM)						
	25	2	8T-4223	3	WASHER-HARD (13.5X25.5X3-MM THK)						
M	26	2	8T-4956	2	BOLT (M12X1.75X35-MM)						
	27	1,2	8T-7934	10	WASHER-HARD (11X21X5-MM THK)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

285-4003 WIRING GP-ENGINE (contd.)

i02495806



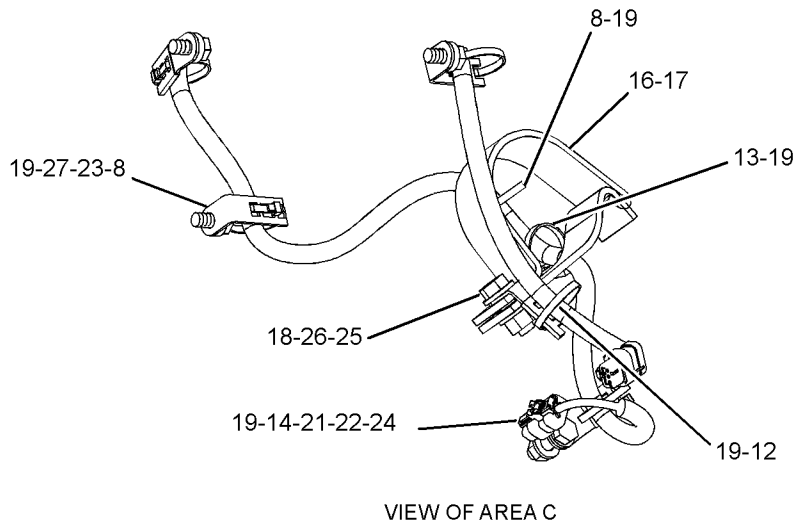
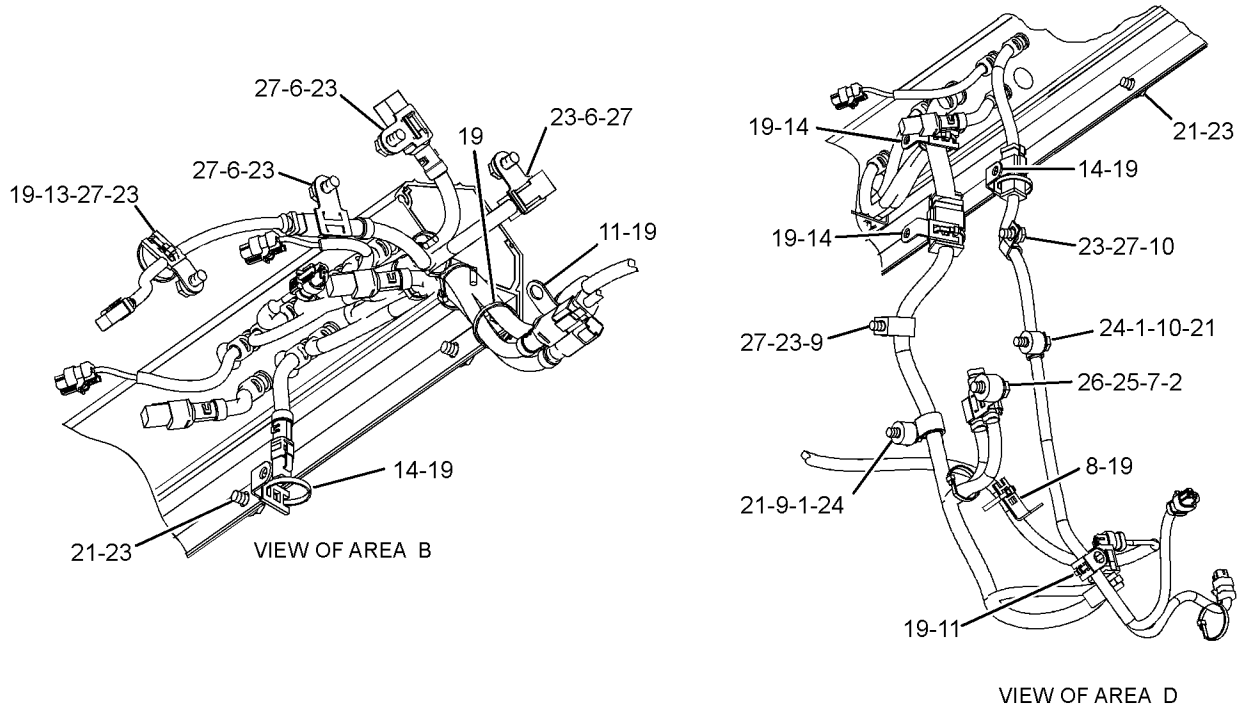
GRAPHIC #1

g01249582

ELECTRICAL AND STARTING SYSTEM

285-4003 WIRING GP-ENGINE (contd.)

i02495806



GRAPHIC #2

<END>

g01251719

ELECTRICAL AND STARTING SYSTEM

252-7372 WIRING GP-GENERATOR-CURRENT TRANSFORMER

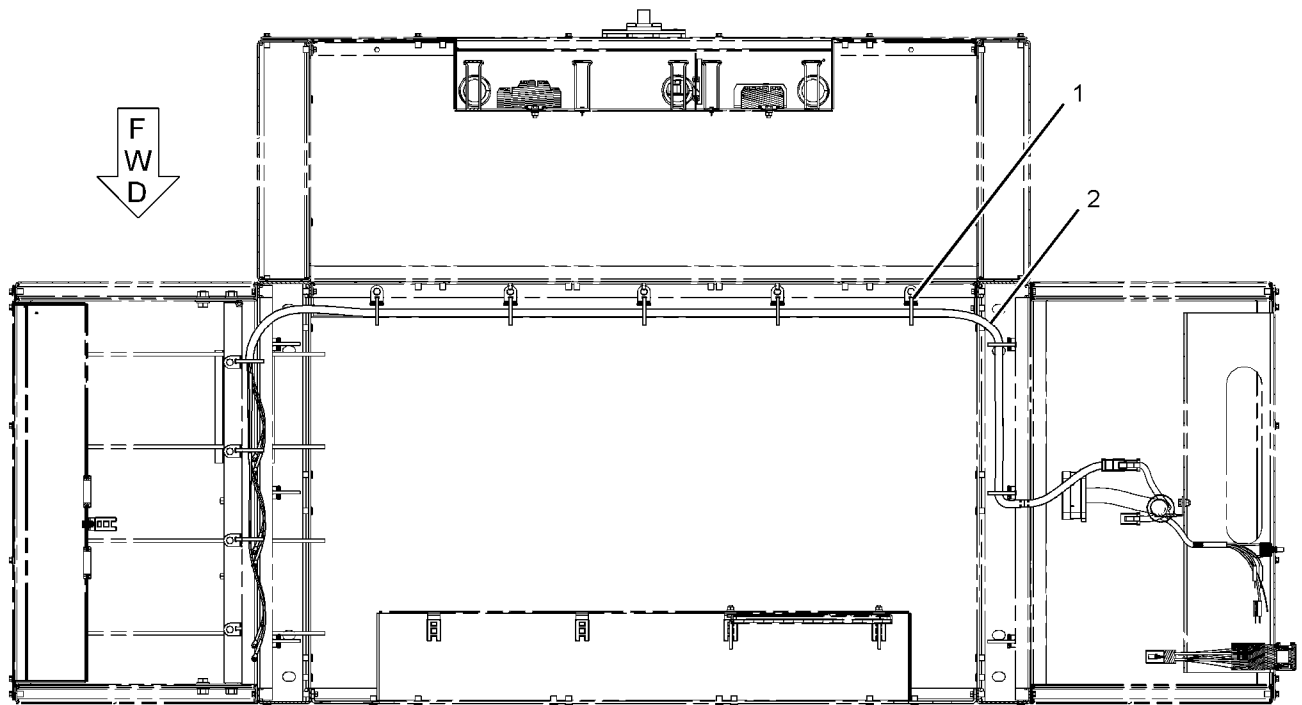
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1404, 1408, 4459

i02418629

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE	
					1	2	3	4	5	6 (PRODUCT LEVEL)		
B	1	1	9X-6772	10	STRAP-CABLE							
	2	1	244-9598	1	HARNESS AS-WIRING (CURRENT TRANSFORMER)							
			1	102-8804	1	KIT-RECEPTACLE (4-PIN) (INCLUDES RECEPTACLE ASSEMBLY AND WEDGE)						
			1	7K-1181	16	STRAP-CABLE						
			1	186-3735	4	PIN-CONNECTOR (16-GA TO 18-GA)						
E		1	125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (5-CM)							

B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER



TOP VIEW

GRAPHIC #1

<END>

g01137662

ELECTRICAL AND STARTING SYSTEM

252-7418 WIRING GP-GENERATOR-VOLTAGE SENSING

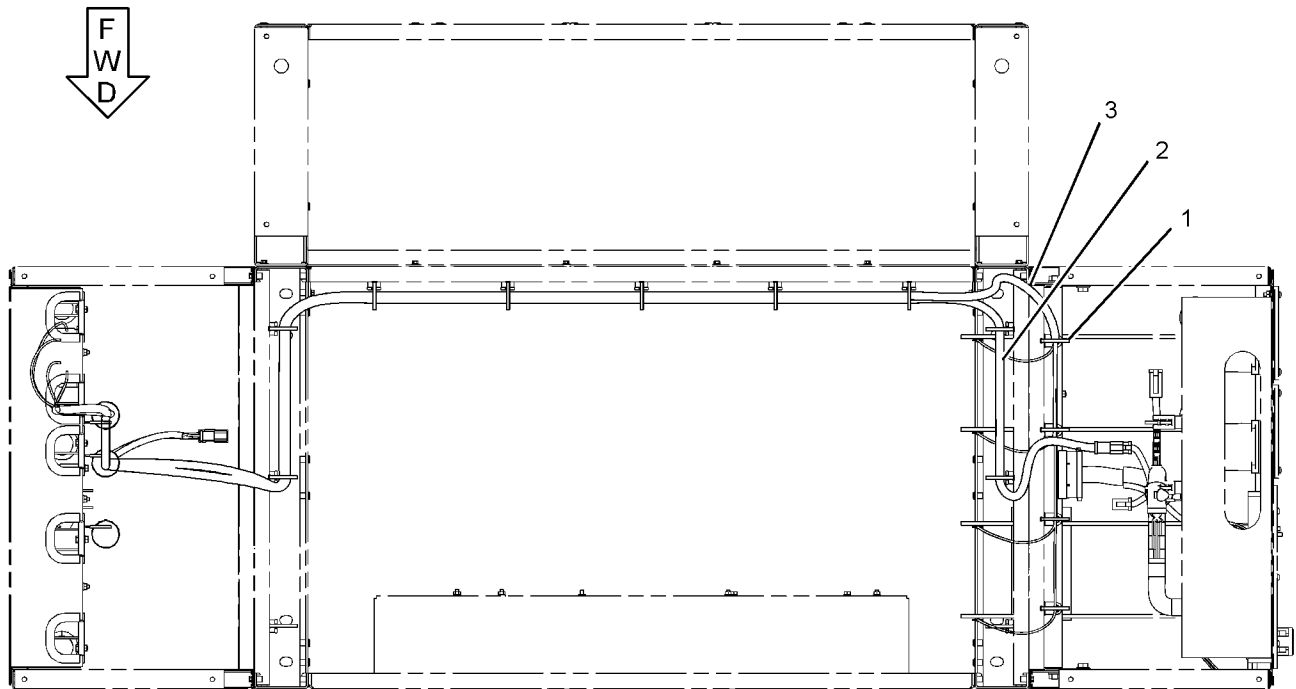
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1404, 1408, 4459

i02450659

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
B	1	1	9X-6772	13	STRAP-CABLE						
	2	1	244-9599	1	HARNESS AS-WIRING (EMCP 3)						
		1	102-8805	1	KIT-RECEPTACLE (6-PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
		1	7K-1181	8	STRAP-CABLE						
		1	3E-3383	1	WEDGE-RECEPTACLE LOCK (6-PIN)						
3	1	1	252-7574	1	HARNESS AS-POWER (VOLTAGE SENSING)						
		1	2L-8081	4	TERMINAL (14-GA TO 16-GA)						
		1	7K-1181	8	STRAP-CABLE						

B-USE AS REQUIRED



TOP VIEW

(TOP REMOVED FOR CLARITY)

GRAPHIC #1

<END>

g01210065

ELECTRICAL AND STARTING SYSTEM

252-7427 WIRING GP-GENERATOR-CURRENT TRANSFORMER

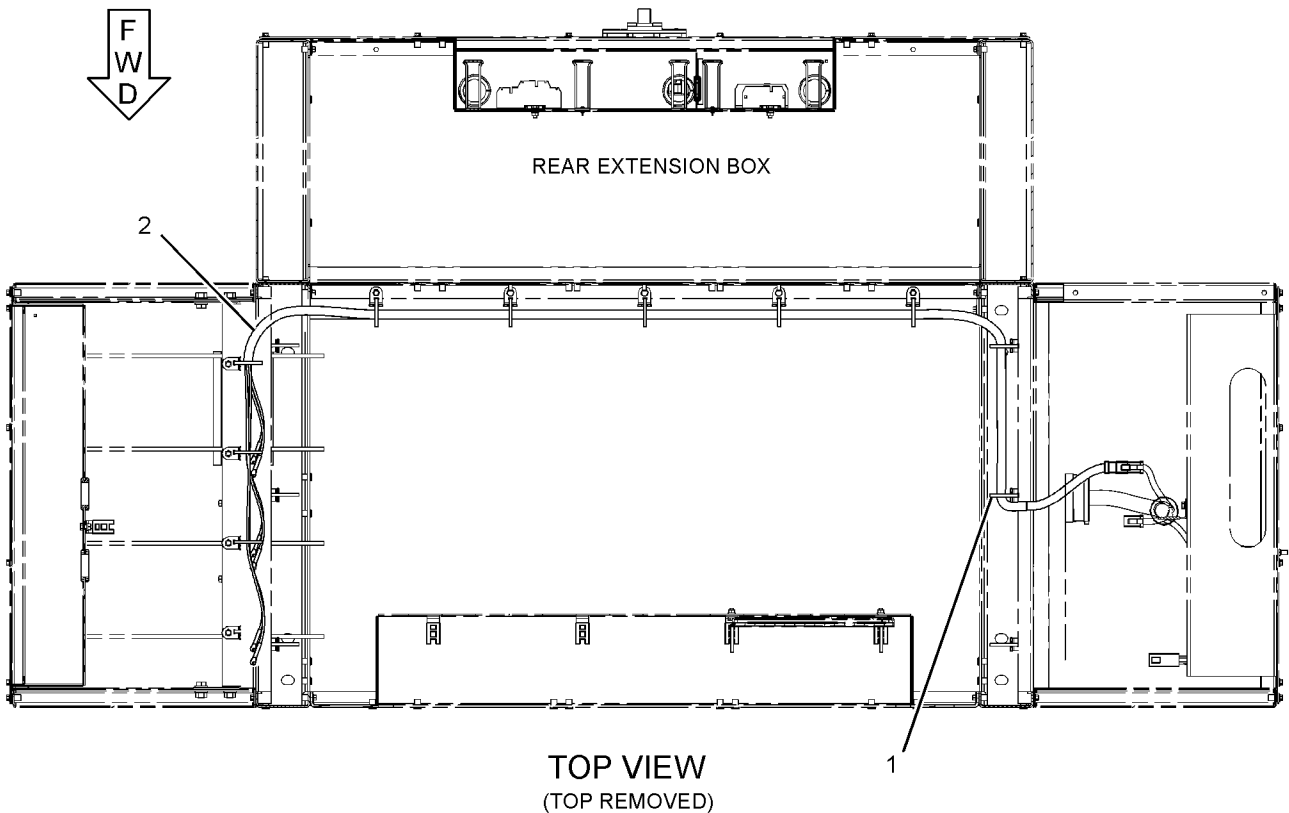
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1404, 1408, 4459

i02378084

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
B	1	1	9X-6772	10	STRAP-CABLE						
	2	1	252-7355	1	HARNESS AS-WIRING (CURRENT TRANSFORMER)						
			102-8804	1	KIT-RECEPTACLE (4-PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
			2L-8075	6	TERMINAL (14-GA TO 16-GA)						
			7K-1181	6	STRAP-CABLE						
E	1		125-7875		TUBE-HEAT SHRINK (7.44-MM DIA) (5-CM)						

B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g01163040

ELECTRICAL AND STARTING SYSTEM

263-1746 WIRING GP-GENERATOR-INTERFACE

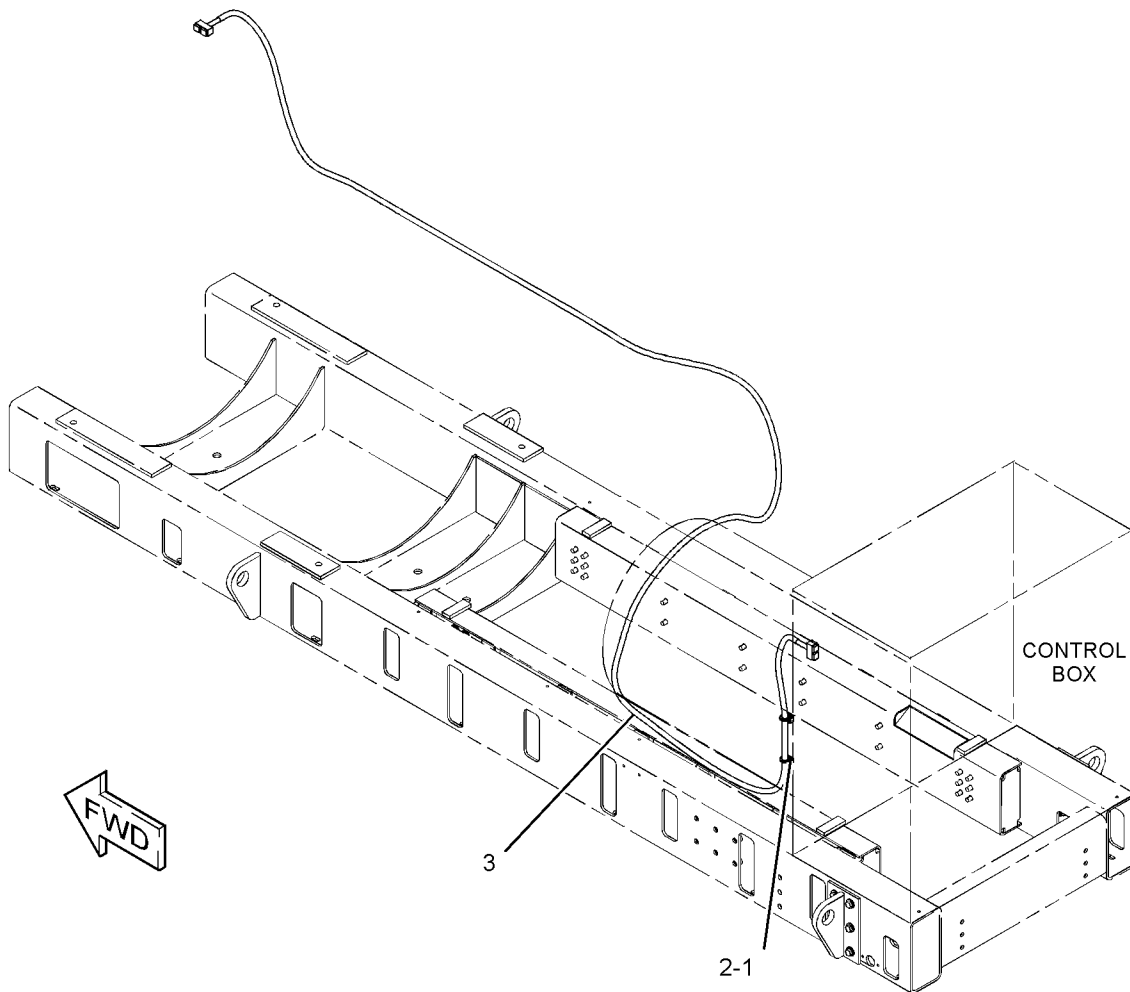
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1404, 1408, 4459

i02441542

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-6772	2	STRAP-CABLE						
	2	1	156-6175	2	CLIP						
	3	1	263-1740	1	HARNESS AS-CONTROL (INTERFACE)						
		1	186-3736	26	SOCKET-CONNECTOR (16-GA TO 18-GA)						
		1	8T-8737	46	PLUG-SEAL						
		1	8T-9834	2	PLUG AS-CONNECTOR (40-PIN)						
					(EACH INCLUDES)						
		1	3E-4367	1	RING-RETAINING						
M		1	3E-8557	1	BOLT (M5X0.8X39.37-MM)						
		1	9X-3132	2	SEAL-CONNECTOR (40-PIN)						
		1	126-1768	8	SOCKET-CONNECTOR (14-GA)						

M-METRIC PART



GRAPHIC #1

<END>

g01222586

ELECTRICAL AND STARTING SYSTEM

278-4895 WIRING GP-GENERATOR-CURRENT TRANSFORMER

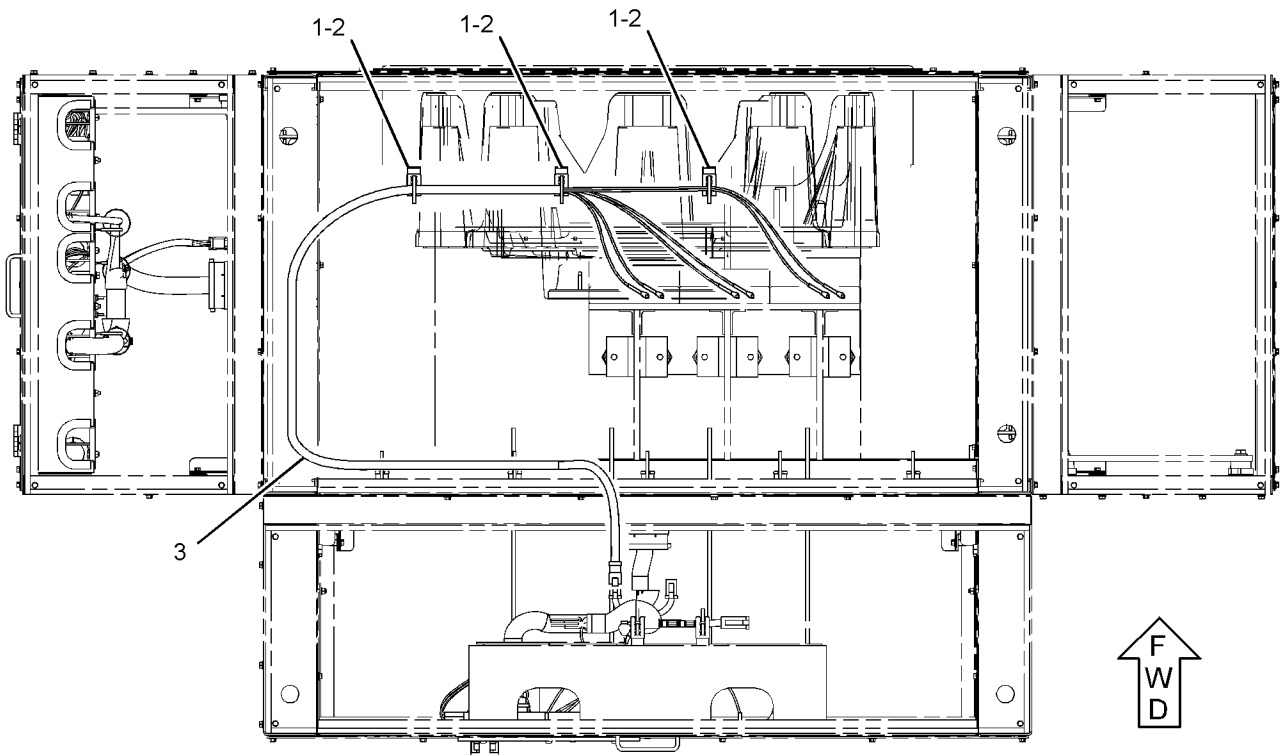
S/N: WYB1-UP
FOR USE WITH LOW VOLTAGE
AN ATTACHMENT

SMCS-1404, 1408, 4459

i02399624

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-6772	3	STRAP-CABLE						
	2	1	156-6175	3	CLIP						
	3	1	278-4896	1	HARNESS AS-WIRING (CURRENT TRANSFORMER)						
		1	102-8804	2	KIT-RECEPTACLE (4-PIN)						
					(EACH INCLUDES RECEPTACLE ASSEMBLY AND WEDGE)						
		1	7K-1181	16	STRAP-CABLE						
		1	186-3735	4	PIN-CONNECTOR (16-GA TO 18-GA)						
E		1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (5-CM)						

E-ORDER BY THE CENTIMETER



TOP VIEW
(TOP REMOVED FOR CLARITY)

GRAPHIC #1

<END>

g01198914

ELECTRICAL AND STARTING SYSTEM

278-4897 WIRING GP-GENERATOR-VOLTAGE SENSING

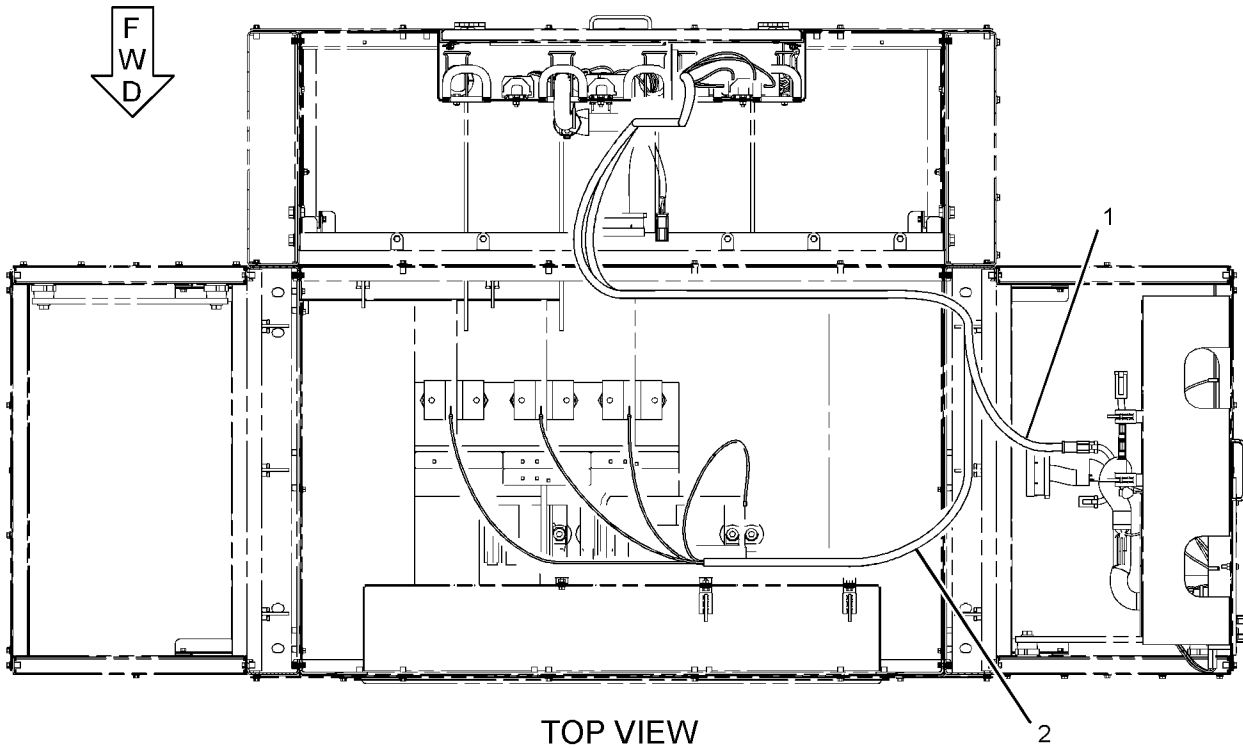
S/N: WYB1-UP

FOR USE WITH LOW VOLTAGE
AN ATTACHMENT

SMCS-1404, 1408, 4459

i02399627

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
1	1	1	244-9599	1	HARNESS AS-WIRING (EMCP 3)						
		1	102-8805	2	KIT-RECEPTACLE (6-PIN) (EACH INCLUDES RECEPTACLE ASSEMBLY AND WEDGE)						
		1	7K-1181	8	STRAP-CABLE						
		1	186-3735	1	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	8T-8737	2	PLUG-SEAL						
		1	109-3038	4	END-WIRE (16-GA)						
2	1	1	278-4898	1	HARNESS AS-WIRING (VOLTAGE SENSING)						
		1	2L-8081	1	TERMINAL (14-GA TO 16-GA)						
		1	7K-1181	8	STRAP-CABLE						
		1	109-3038	4	END-WIRE (16-GA)						



GRAPHIC #1

<END>

g01199390

ELECTRICAL AND STARTING SYSTEM

278-4899 WIRING GP-GENERATOR-VOLTAGE REGULATOR

S/N: WYB1-UP

FOR USE WITH LOW VOLTAGE
AN ATTACHMENT

SMCS-1404, 1408, 4459

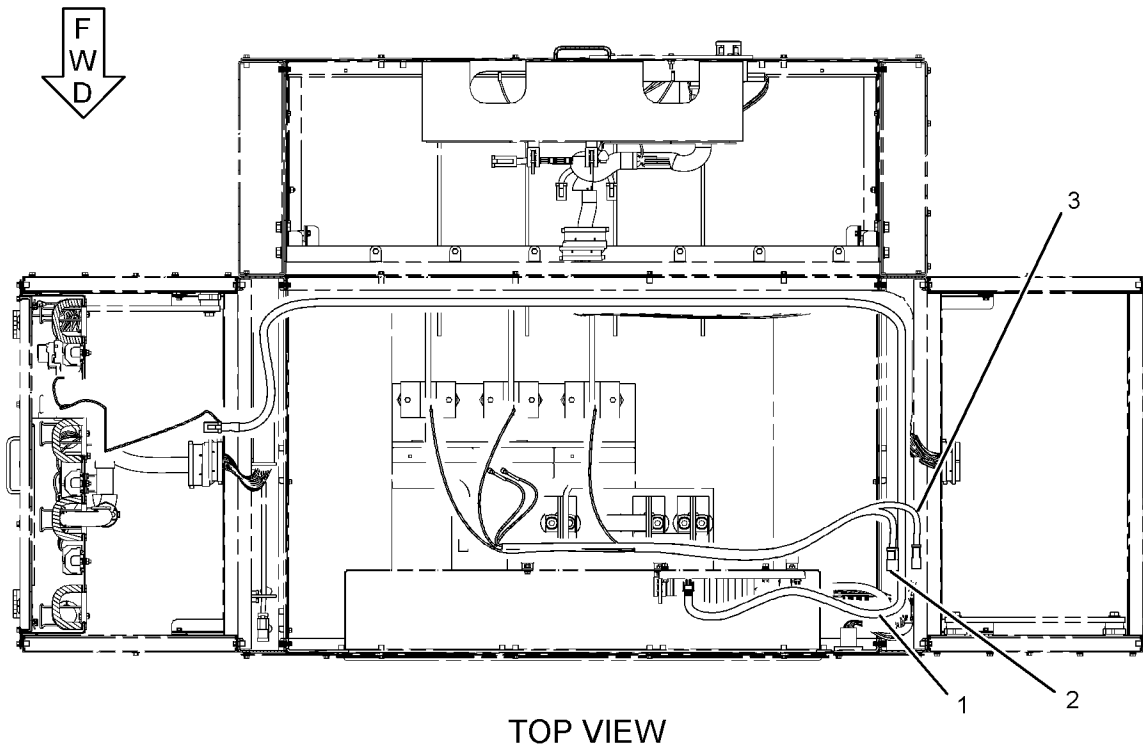
i02399629

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	244-9612	1	HARNESS AS-WIRING (PERMANENT MAGNET)						
		1	186-3736	5	SOCKET-CONNECTOR (16-GA TO 18-GA)						
		1	8T-8737	1	PLUG-SEAL						
		1	109-3038	1	END-WIRE (16-GA)						
		1	155-2263	1	WEDGE-PLUG LOCK (6-PIN)						
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN) (INCLUDES PLUG ASSEMBLY AND WEDGE)						
		1	234-1856	1	PLUG-CONNECTOR (6-PIN)						
		1	244-0452	6	END-WIRE						
		1	246-7013	1	SEAL (6-POSITION)						
	2	1	278-4901	1	HARNESS AS-WIRING (VOLTAGE SENSING)						
		1	102-8803	2	KIT-RECEPTACLE (3-PIN) (EACH INCLUDES RECEPTACLE ASSEMBLY AND WEDGE)						
		1	2L-8081	3	TERMINAL (14-GA TO 16-GA)						
		1	7K-1181	4	STRAP-CABLE						
		1	186-3735	3	PIN-CONNECTOR (16-GA TO 18-GA)						
	3	1	278-4902	1	HARNESS AS-WIRING (CURRENT TRANSFORMER)						
		1	102-8802	2	KIT-RECEPTACLE (2-PIN) (EACH INCLUDES RECEPTACLE ASSEMBLY AND WEDGE)						
		1	7K-1181	4	STRAP-CABLE						
		1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)						

ELECTRICAL AND STARTING SYSTEM

278-4899 WIRING GP-GENERATOR (contd.)

i02399629



TOP VIEW

GRAPHIC #1

<END>

g01199376

ELECTRICAL AND STARTING SYSTEM

276-8161 WIRING GP-JACKET WATER HEATER

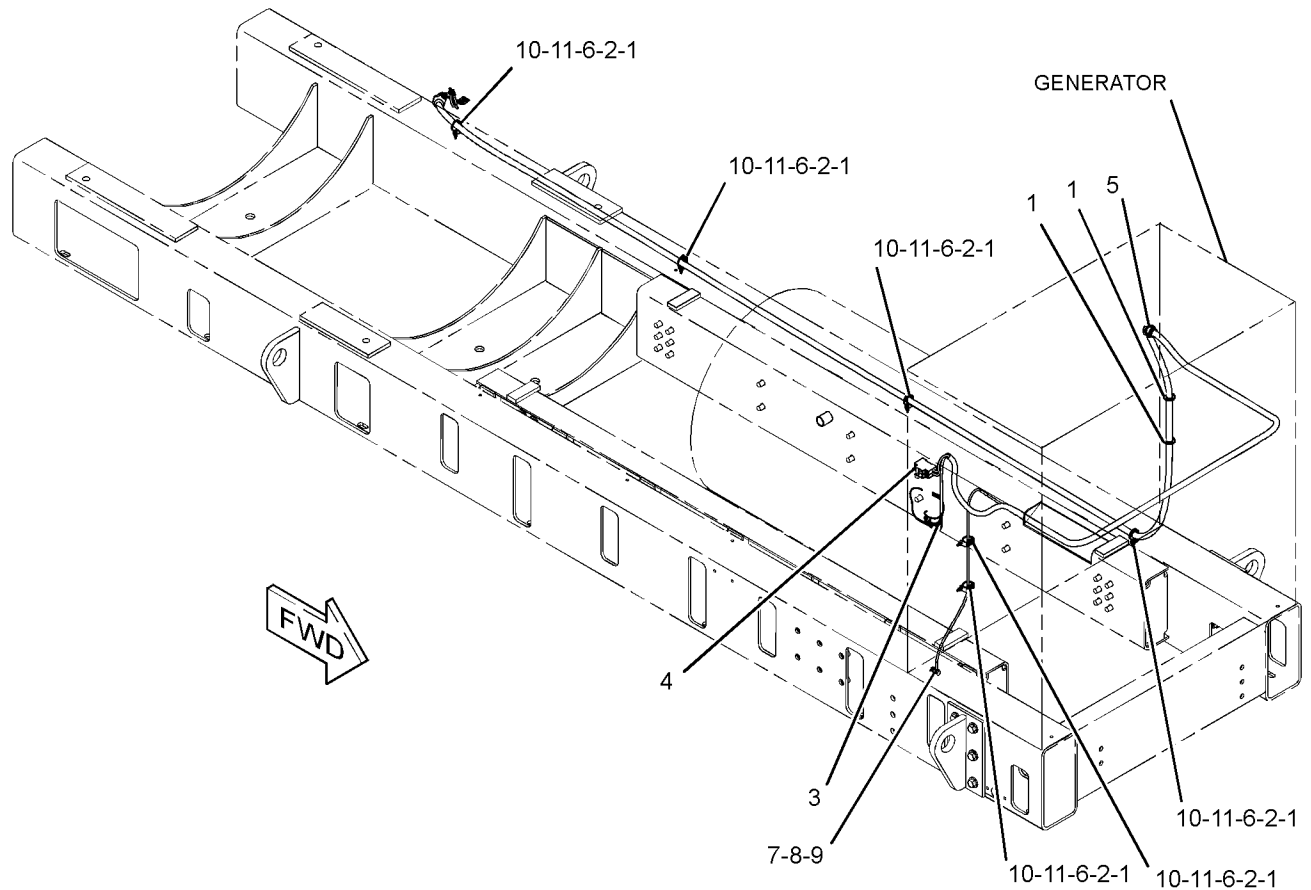
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1383

i02440593

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-6772	8	STRAP-CABLE						
	2	1	156-6175	6	CLIP						
	3	1	244-9641	1	HARNESS AS-WIRING (JUMPER)						
		1	110-8714	6	END-WIRE (18-GA)						
	4	1	244-9656	1	CONNECTION GP-ELECTRICAL (JACKET WATER HEATER)						
		1	194-4449	1	CIRCUIT-BREAKER (50-AMPERE)						
Y	5	1	276-8162	1	CONDUIT GP (JACKET WATER HEATER)						329
M	6	1	5C-2890	6	NUT (M6X1-THD)						
M	7	1	8T-4139	1	BOLT (M12X1.75X30-MM)						
	8	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						
M	9	1	8T-4244	1	NUT (M12X1.75-THD)						
M	10	1	8T-4971	6	BOLT (M6X1X30-MM)						
	11	1	9X-8256	12	WASHER (6.6X12X2-MM THK)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01221191

ELECTRICAL AND STARTING SYSTEM

252 - 7345 WIRING GP-PANEL-RTD MODULE

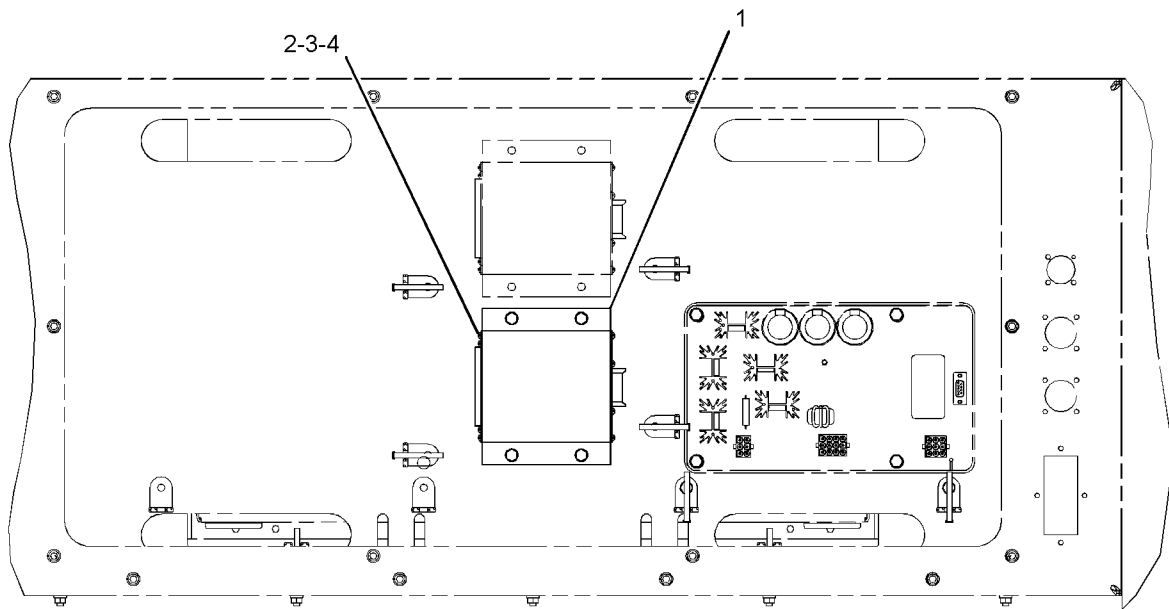
S/N: WYB1-UP
AN ATTACHMENT

SMCS-4459

i02225949

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	237-0125	1	CONTROL GP-ENGINE MONITORING (RESISTIVE TEMPERATURE DEVICE)						499
M	2	1	5C-2890	4	NUT (M6X1-THD)						
M	3	1	5C-9553	4	BOLT (M6X1X16-MM)						
	4	1	9X-8256	8	WASHER (6.6X12X2-MM THK)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



REAR VIEW

GRAPHIC #1

<END>

g01134431

ELECTRICAL AND STARTING SYSTEM

252-7346 WIRING GP-PANEL-THERMOCOUPLE MODULE

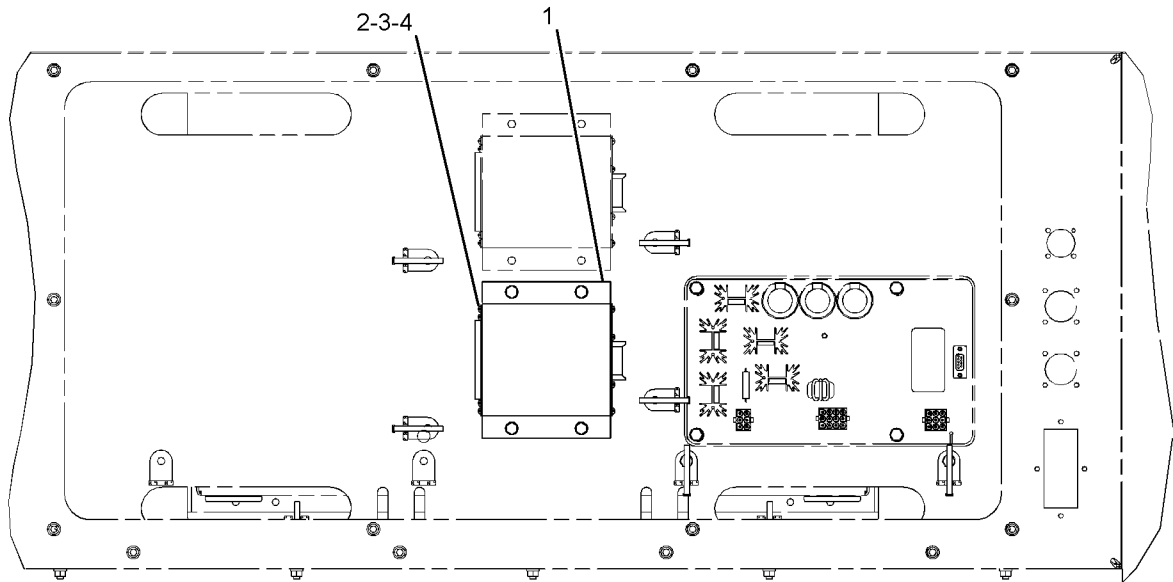
S/N: WYB1-UP
AN ATTACHMENT

SMCS-4459

i02225951

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	237-0126	1	CONTROL GP-ENGINE MONITORING (THERMOCOUPLE)						500
M	2	1	5C-2890	4	NUT (M6X1-THD)						
M	3	1	5C-9553	4	BOLT (M6X1X16-MM)						
	4	1	9X-8256	8	WASHER (6.6X12X2-MM THK)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



REAR VIEW

GRAPHIC #1

<END>

g01134432

ELECTRICAL AND STARTING SYSTEM

252-7347 WIRING GP-PANEL-DISCRETE INPUT/OUTPUT MODULE

S/N: WYB1-UP
AN ATTACHMENT

SMCS-4459

i02225948

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
	1	1	244-9606	1	HARNESS AS-MONITOR (DISCRETE INPUT/OUTPUT)	
		1	186-3736	40	SOCKET-CONNECTOR (16-GA TO 18-GA)	
		1	8T-9834	1	PLUG AS-CONNECTOR (40-PIN)	
		1	110-8714	40	END-WIRE (18-GA)	
Y	2	1	244-9608	1	BLOCK AS-TERMINAL	269
	3	1	234-0275	1	CONTROL GP-ENGINE MONITORING (DISCRETE INPUT/OUTPUT)	
M	4	1	5C-2890	6	NUT (M6X1-THD)	
M	5	1	5C-9553	6	BOLT (M6X1X16-MM)	
	6	1	9X-8256	12	WASHER (6.6X12X2-MM THK)	

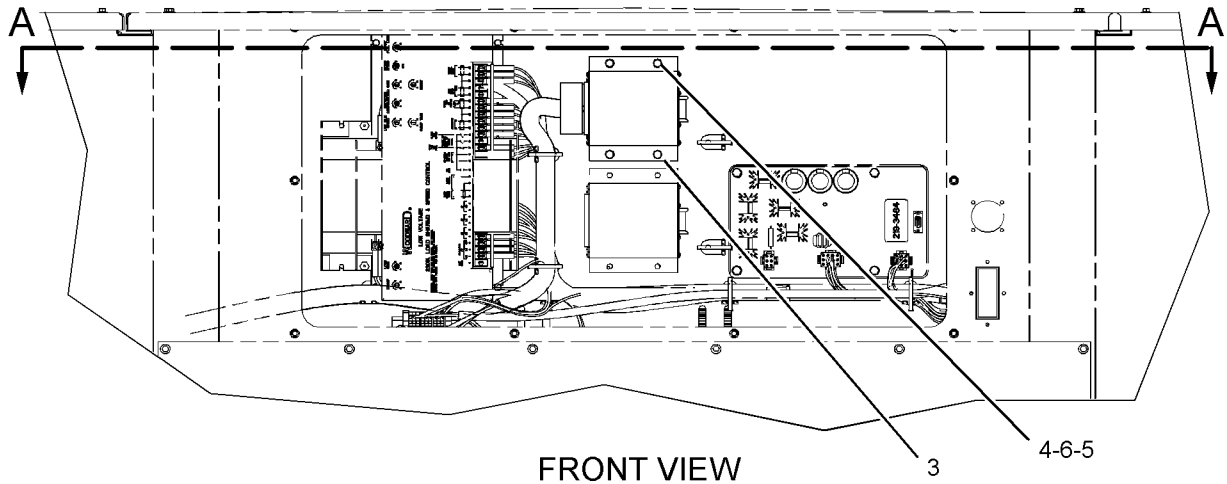
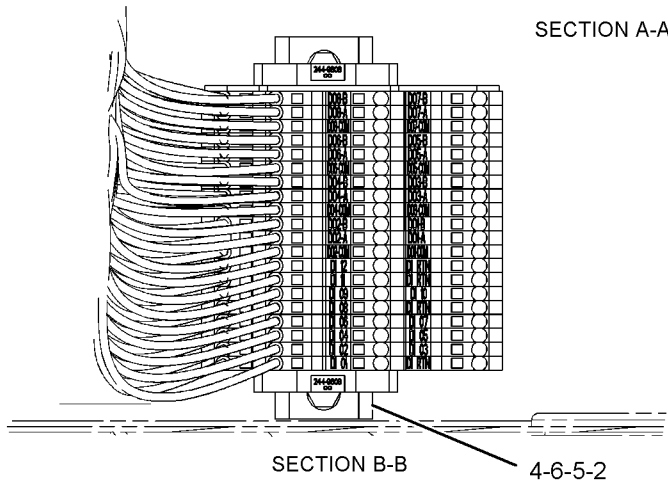
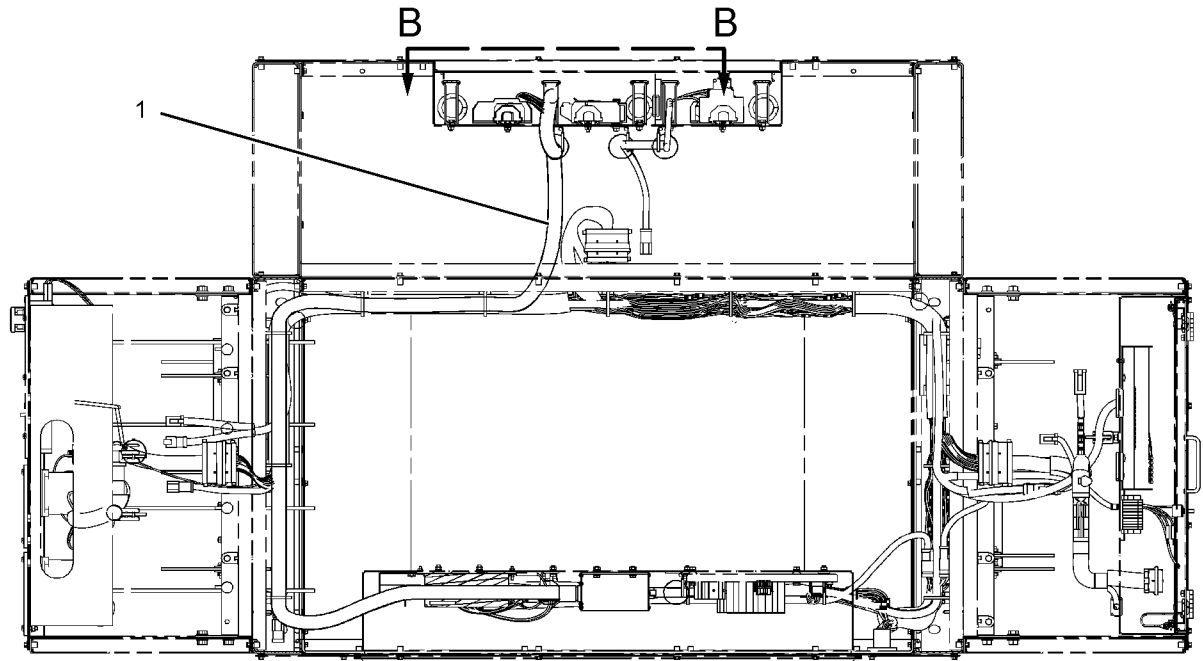
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

252-7347 WIRING GP-PANEL (contd.)

i02225948



GRAPHIC #1

<END>

g01134693

ELECTRICAL AND STARTING SYSTEM

252-7362 WIRING GP-PANEL-DISCRETE I/O, RTD

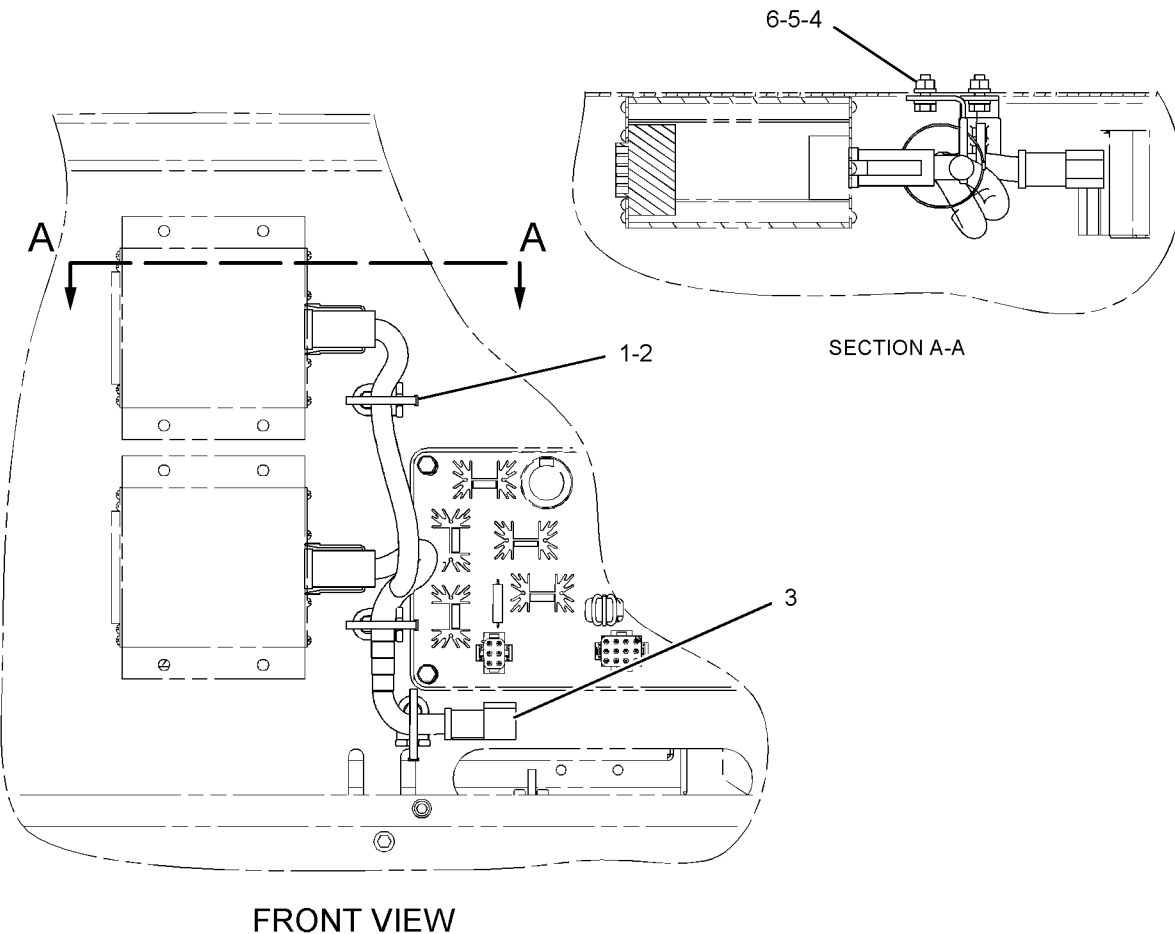
S/N: WYB1-UP
AN ATTACHMENT

SMCS-4459

i02471225

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9X-6772	3	STRAP-CABLE						
	2	1	156-6175	3	CLIP						
	3	1	244-9601	1	HARNESS AS-CONTROL (DISCRETE I/O, RTD)						
		1	186-3735	5	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	186-3736	10	SOCKET-CONNECTOR (16-GA TO 18-GA)						
E		1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (25-CM)						
		1	8T-8737	7	PLUG-SEAL						
		1	102-8805	1	KIT-RECEPTACLE (6-PIN) (INCLUDES RECEPTACLE ASSEMBLY AND WEDGE)						
		1	155-2265	2	KIT-CONNECTING PLUG (8-PIN) (EACH INCLUDES PLUG ASSEMBLY AND WEDGE)						
M	4	1	5C-2890	3	NUT (M6X1-THD)						
M	5	1	5C-9553	3	BOLT (M6X1X16-MM)						
	6	1	9X-8256	6	WASHER (6.6X12X2-MM THK)						

E-ORDER BY THE CENTIMETER
M-METRIC PART



GRAPHIC #1

<END>

g01137228

ELECTRICAL AND STARTING SYSTEM

263-6753 WIRING GP-PRELUBRICATION

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1319, 1408, 1469

i02440583

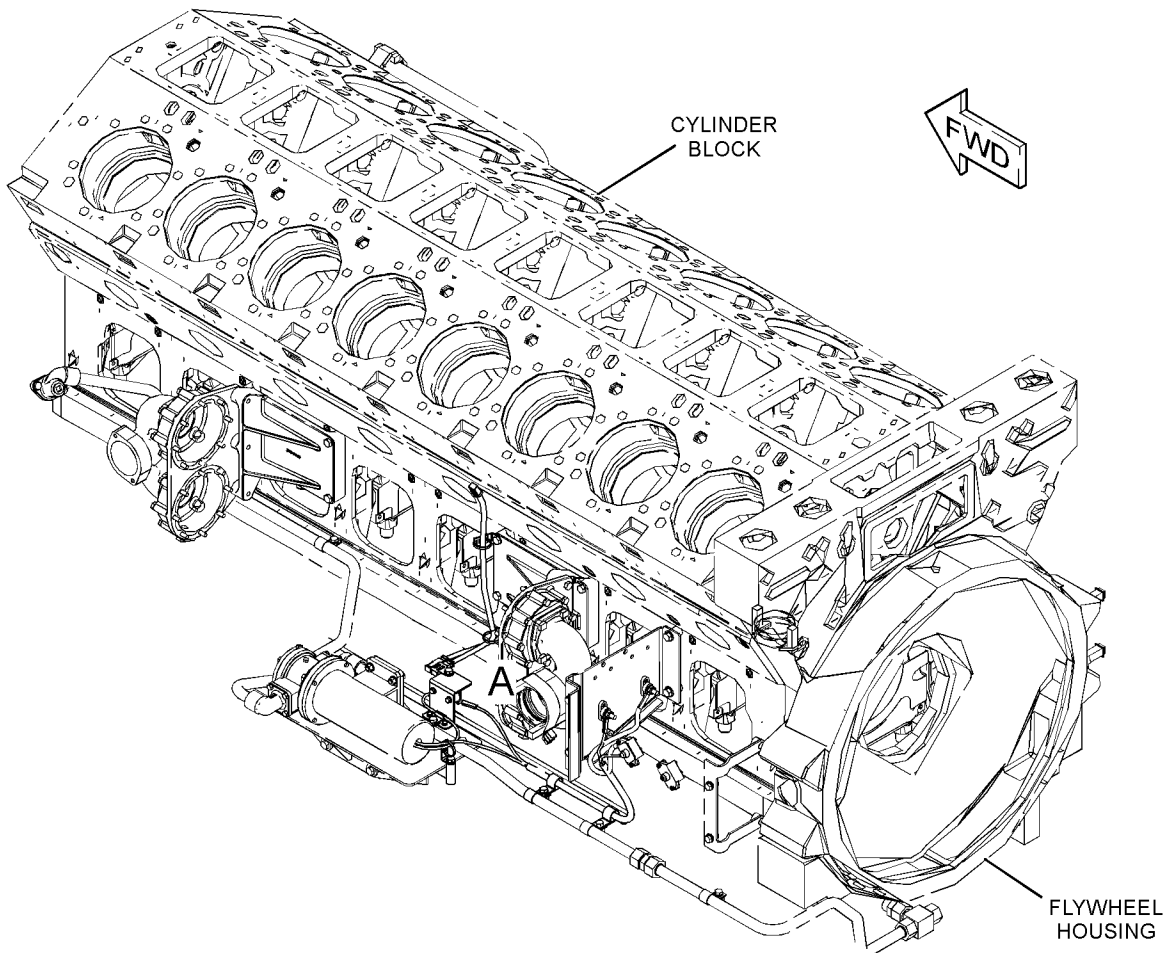
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	5G-7817	1	BOSS						
	2	2	263-6754	1	HARNESS AS-WIRING (POWER)						
E		2	114-8843		SLEEVE-PLASTIC (80-CM)						
		2	2L-8058	3	TERMINAL-RING (8-GA, 1/4-IN)						
		2	2L-8060	1	TERMINAL (8-GA, 3/8-IN SCREW)						
		2	135-2543	1	BOOT						
Y	3	2	278-7293	1	MOUNTING GP-SOLENOID						398
	4	2	278-7298	1	HARNESS AS-WIRING (JUMPER)						
		2	102-8802	1	KIT-RECEPTACLE (2-PIN)						
					(INCLUDES RECEPTACLE AS & WEDGE)						
		2	9X-3402	8	SOCKET-CONNECTOR (16-GA TO 18-GA)						
E		2	114-8843		SLEEVE-PLASTIC (60-CM)						
		2	155-2270	4	KIT-CONNECTING PLUG (2-PIN)						
					(INCLUDES PLUG AS & WEDGE)						
		2	155-2271	1	KIT-CONNECTING PLUG (4-PIN)						
					(INCLUDES PLUG AS & WEDGE)						
		2	155-2272	1	PLUG AS-CONNECTOR (4-PIN)						
	5	2	278-7299	1	WIRE AS						
	6	2	132-5789	2	CLIP						
	7	2	178-7968	1	SPACER (57.5-MM LGX22-MM DIA)						
	8	2	2L-9653	3	CLIP						
	9	2	4D-8948	1	CLIP						
	10	2	4P-7429	1	CLIP						
M	11	2	6V-4249	1	BOLT (M10X1.5X50-MM)						
	12	2	6V-5839	1	WASHER (11X21X2.5-MM THK)						
	13	2	7K-1181	3	STRAP-CABLE						
M	14	2	8T-0643	1	BOLT (M10X1.5X80-MM)						
	15	2	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						

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

ELECTRICAL AND STARTING SYSTEM

263-6753 WIRING GP-PRELUBRICATION (contd.)

i02440583



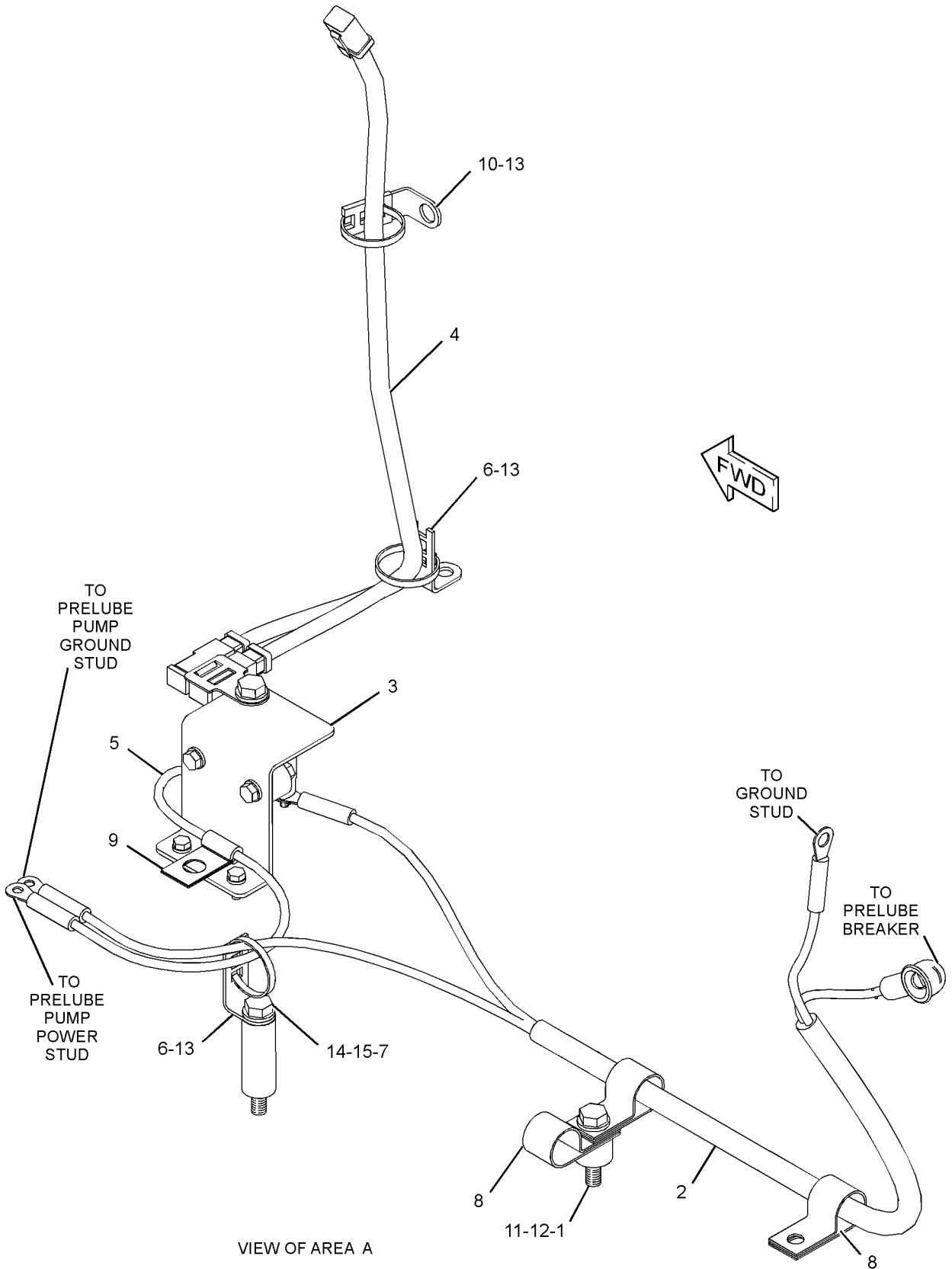
GRAPHIC #1

g01222592

ELECTRICAL AND STARTING SYSTEM

263-6753 WIRING GP-PRELUBRICATION (contd.)

i02440583



GRAPHIC #2

<END>

g01222593

ELECTRICAL AND STARTING SYSTEM

263-6473 WIRING GP-SENSOR

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1408, 1900

i02440580

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	SEE PAGE
					1 2 3 4 5 6 (PRODUCT LEVEL)	
Y	1	1	263-6474	1	HARNESS AS-SENSOR	379
	2	1	033-8248	1	CLIP	
	3	1	124-1479	1	CLIP	
	4	1	127-4837	2	CLIP	
M	5	1	2Y-5829	2	NUT (M10X1.15-THD)	
	6	1	5P-9297	1	CLIP	
M	7	1	6V-1820	2	BOLT (M10X1.5X30-MM)	
	8	1	6V-5839	4	WASHER (11X21X2.5-MM THK)	
	9	1	8J-1256	1	CLIP	
	10	1	8M-2773	1	CLIP	

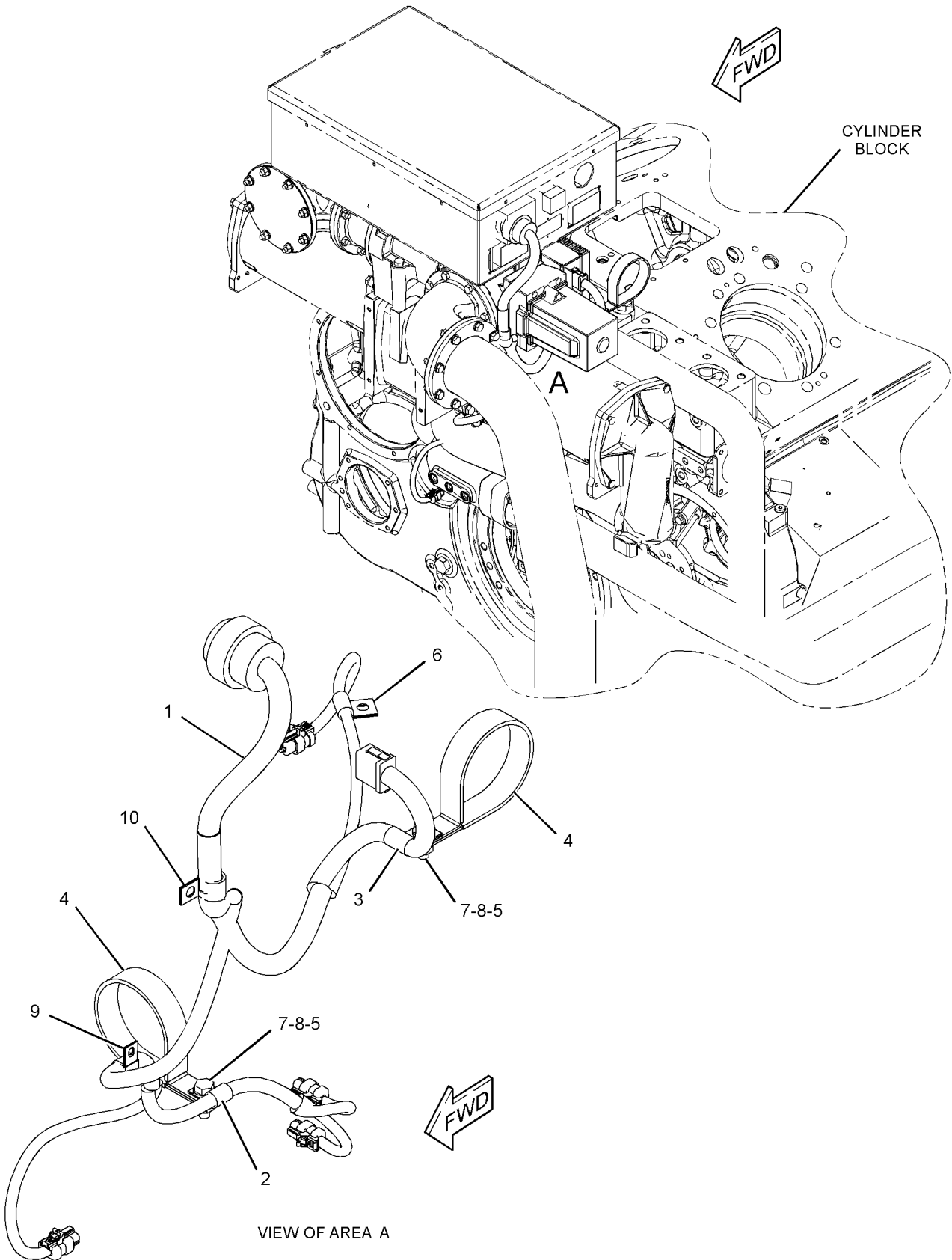
M-METRIC PART

Y-SEPARATE ILLUSTRATION

ELECTRICAL AND STARTING SYSTEM

263-6473 WIRING GP-SENSOR (contd.)

i02440580



GRAPHIC #1

<END>

g01221163

ELECTRICAL AND STARTING SYSTEM

278-7391 WIRING GP-SENSOR

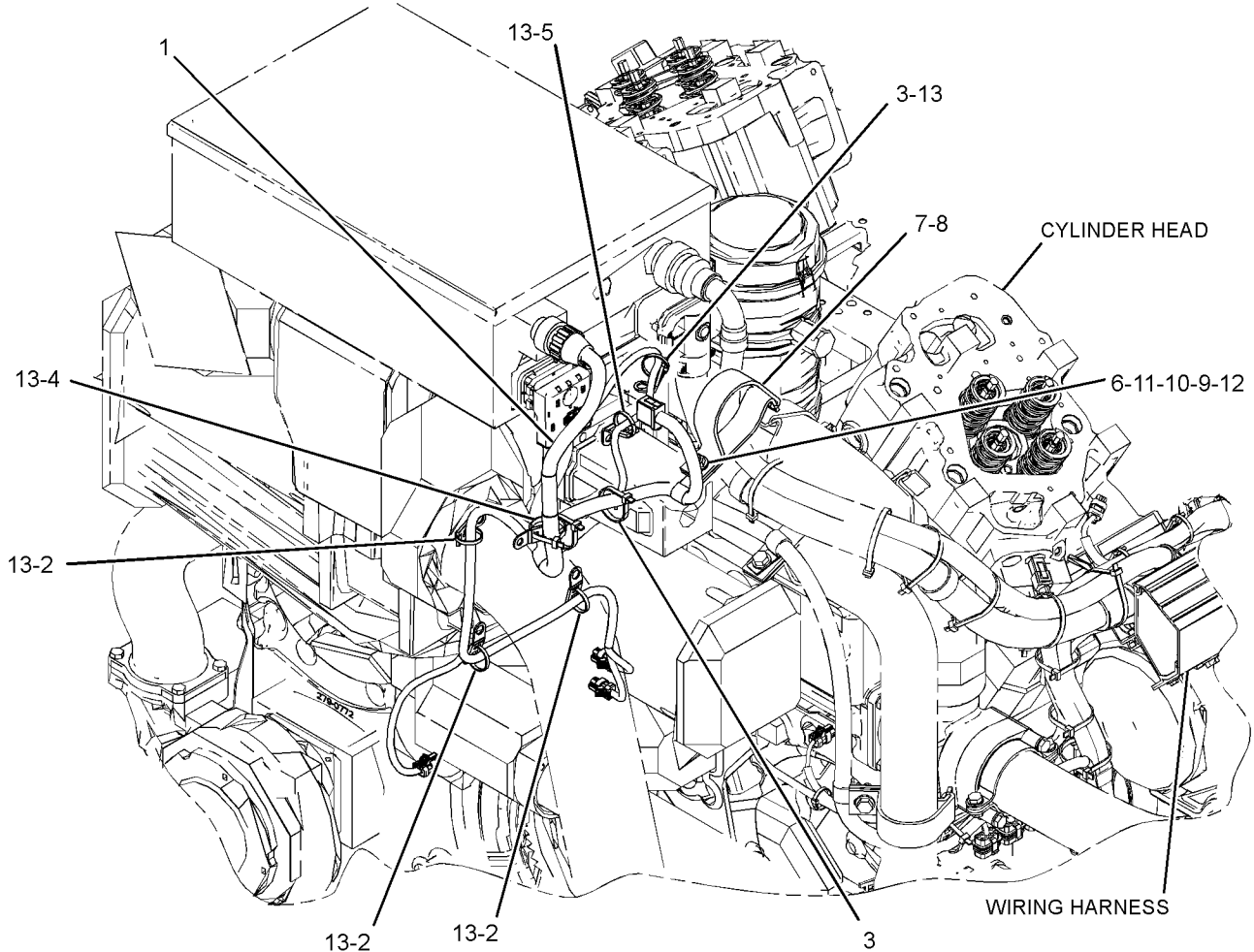
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1408, 1900

i02495804

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	278-7392	1	HARNESS AS-SENSOR						380
	2	1	4P-7428	3	CLIP						
	3	1	4P-7429	1	CLIP						
	4	1	4P-7581	1	CLIP						
	5	1	4P-8134	1	CLIP						
	6	1	6K-8178	1	CLIP						
	7	1	6V-4356	1	CLIP (SLOT)						
	8	1	6V-4357	1	CLIP (TAB)						
	9	1	7X-7729	1	WASHER (11X25X3-MM THK)						
	10	1	8T-4121	1	WASHER-HARD (11X21X2.5-MM THK)						
M	11	1	8T-4133	1	NUT (M10X1.5-THD)						
M	12	1	8T-4195	1	BOLT (M10X1.5X30-MM)						
	13	1	7K-1181	8	STRAP-CABLE						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01249528

ELECTRICAL AND STARTING SYSTEM

252-7558 WIRING GP-SHUTOFF-EMERGENCY STOP

S/N: WYB1-UP

PART OF 245-0030 PANEL GP-CONTROL

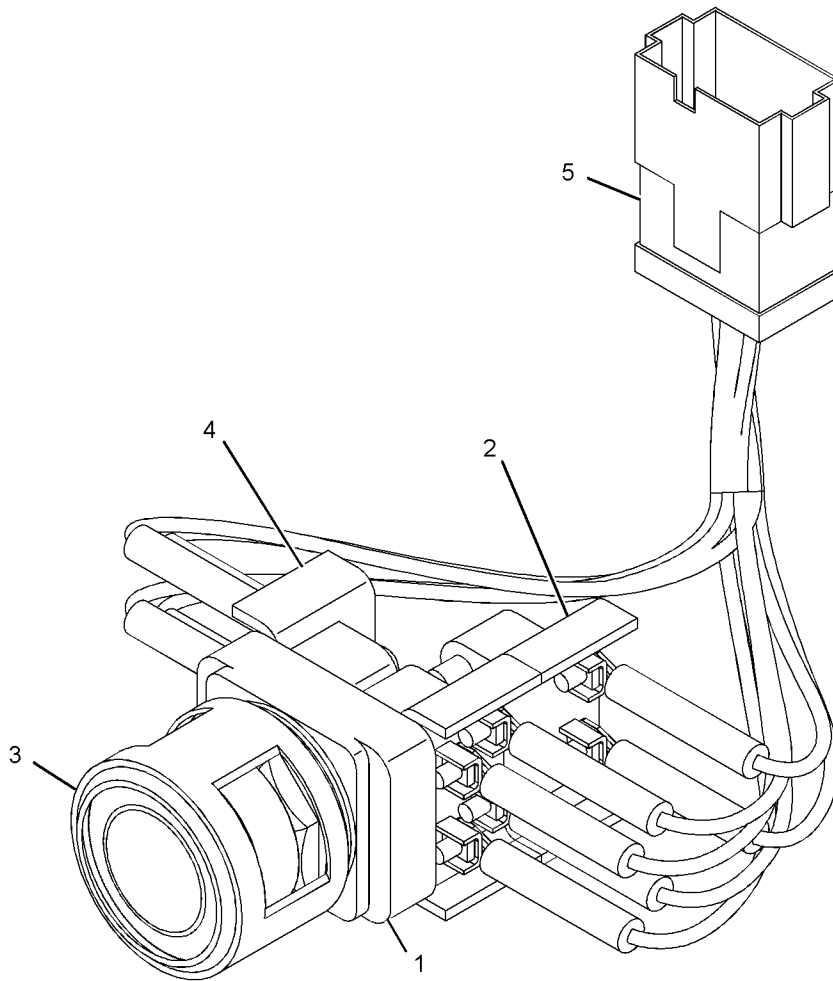
FOR USE WITH EUI

AN ATTACHMENT

SMCS-1408, 7418

i02471192

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	109-6507	1	SWITCH AS-PUSH BUTTON (EMERGENCY STOP)						
	2	1	111-1323	1	BLOCK-CONTACT (NORMALLY OPEN)						
	3	1	124-3176	1	COVER						
	4	1	138-8367	2	BLOCK-CONTACT						
	5	1	252-7557	1	HARNESS AS-SWITCH (EMERGENCY STOP)						
		1	162-4171	10	TERMINAL AS (18-GA TO 20-GA)						
		1	186-3735	10	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	8T-8737	2	PLUG-SEAL						
		1	9X-6772	3	STRAP-CABLE						
		1	102-8801	2	KIT-RECEPTACLE (12-PIN)						
(EACH INCLUDES RECEPTACLE ASSEMBLY AND WEDGE)											



GRAPHIC #1

<END>

g01164345

ELECTRICAL AND STARTING SYSTEM

278-7374 WIRING GP-STARTING AID

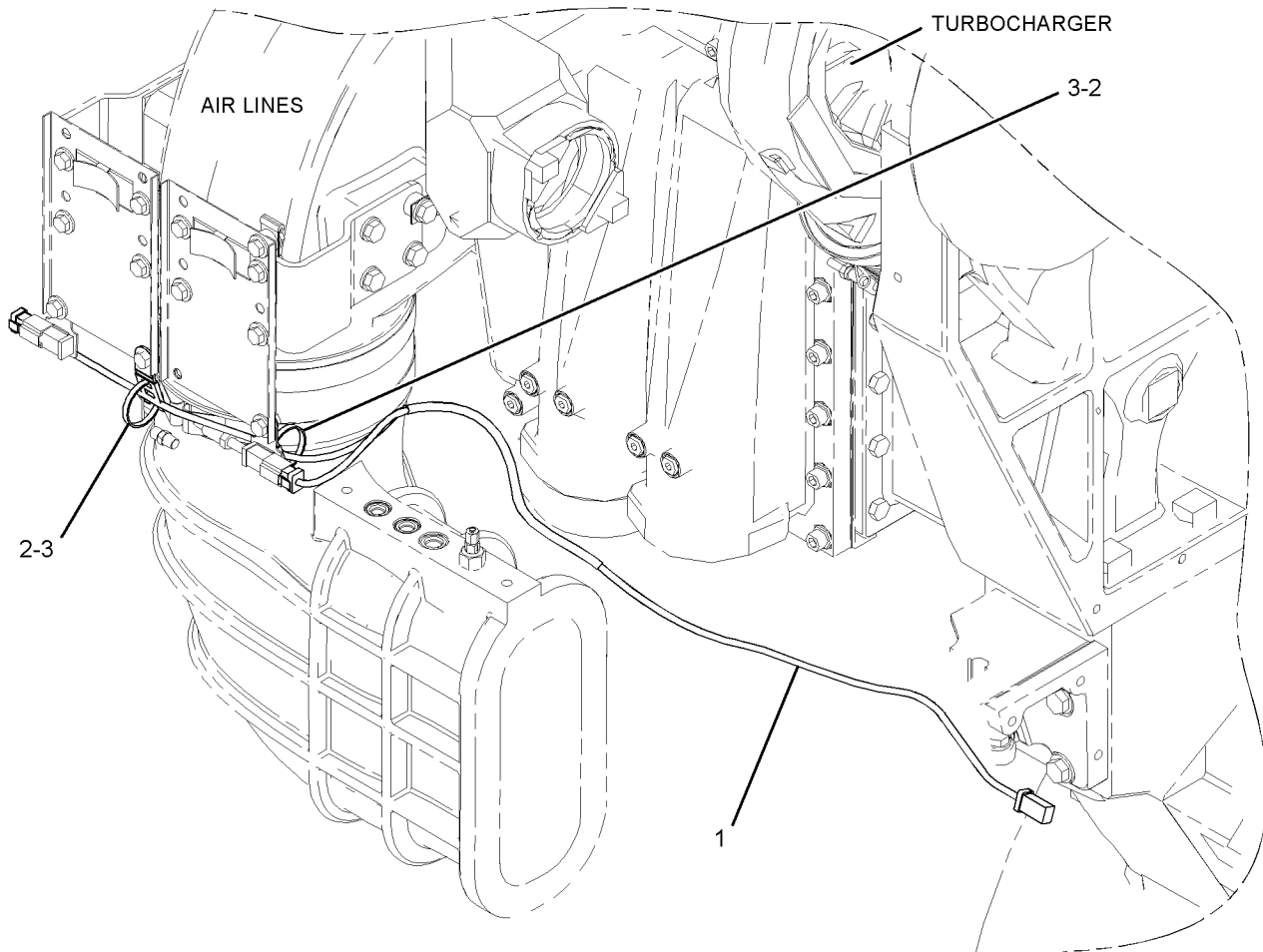
S/N: WYB1-UP
AN ATTACHMENT

SMCS-1090, 1408

i02495799

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	278-7343	1	HARNES AS-WIRING						
		1	9X-3402	6	SOCKET-CONNECTOR (16-GA TO 18-GA)						
E		1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (10-CM)						
		1	155-2270	3	KIT-CONNECTING PLUG (2-PIN)						
					(EACH INCLUDES PLUG AS & WEDGE)						
	2	1	4P-7581	2	CLIP						
	3	1	7K-1181	2	STRAP-CABLE						

E-ORDER BY THE CENTIMETER



GRAPHIC #1

<END>

g01249693

ELECTRICAL AND STARTING SYSTEM

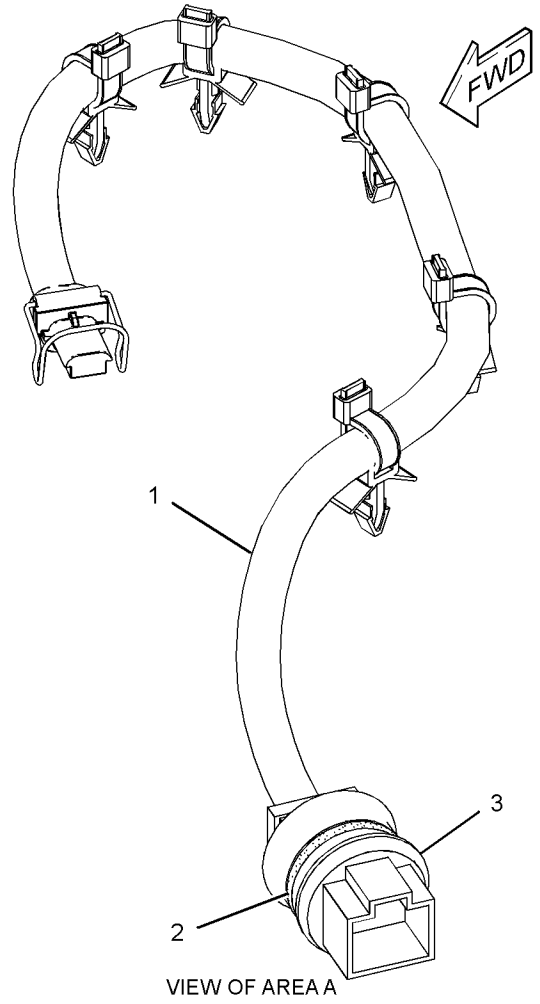
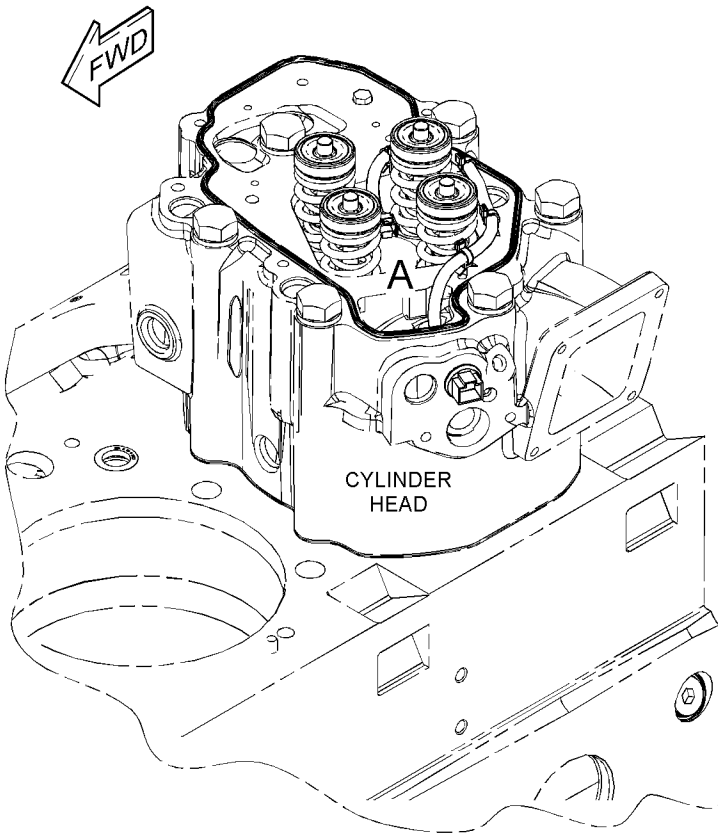
247-1880 WIRING GP-UNIT INJECTOR

S/N: WYB1-UP
AN ATTACHMENT

SMCS-1290, 1408, 1900

i02444273

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	263-6725	1	HARNES AS-ENGINE (UNIT INJECTOR)						
		1	3E-3377	1	WEDGE-RECEPTACLE LOCK (4-PIN)						
		1	3S-2093	5	STRAP-CABLE						
		1	186-3735	2	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	8T-8737	2	PLUG-SEAL						
		1	105-1797	5	MOUNT						
		1	113-4630	1	RECEPTACLE AS-CONNECTOR (4-PIN)						
2	1		033-6034	1	SEAL-O-RING						
3	1		5L-4019	1	RING-RETAINING						



GRAPHIC #1

<END>

g01223081

OPERATOR STATION

271-2168 ALARM GP

S/N: WYB1-UP

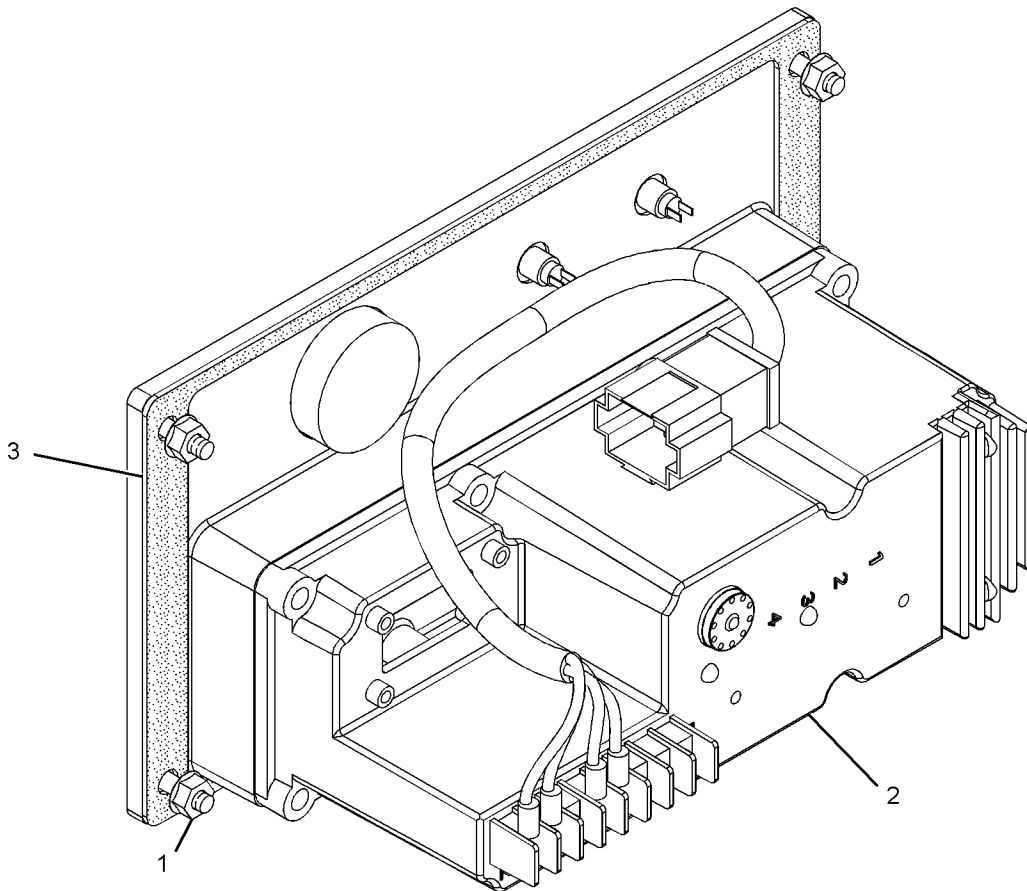
FOR USE WITH LOW AND MEDIUM VOLTAGE
AN ATTACHMENT

SMCS-7400, 7407

i02337068

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	214-3966	4	NUT (M6X1-MM)						
	2	1	236-1158	1	MODULE GP-ALARM						
M		1	166-3777	4	SCREW-BUTTON HEAD (M6X1X28-MM)						
		1	240-8703	1	FILM (EMCP 3 ANNUNCIATOR)						
		1	260-6595	1	FILM-CERTIFICATION						
	3	1	244-9613	1	GASKET						

M-METRIC PART



GRAPHIC #1

<END>

g01167509

OPERATOR STATION

245-0037 BOX AS-STORAGE-OPTIONAL

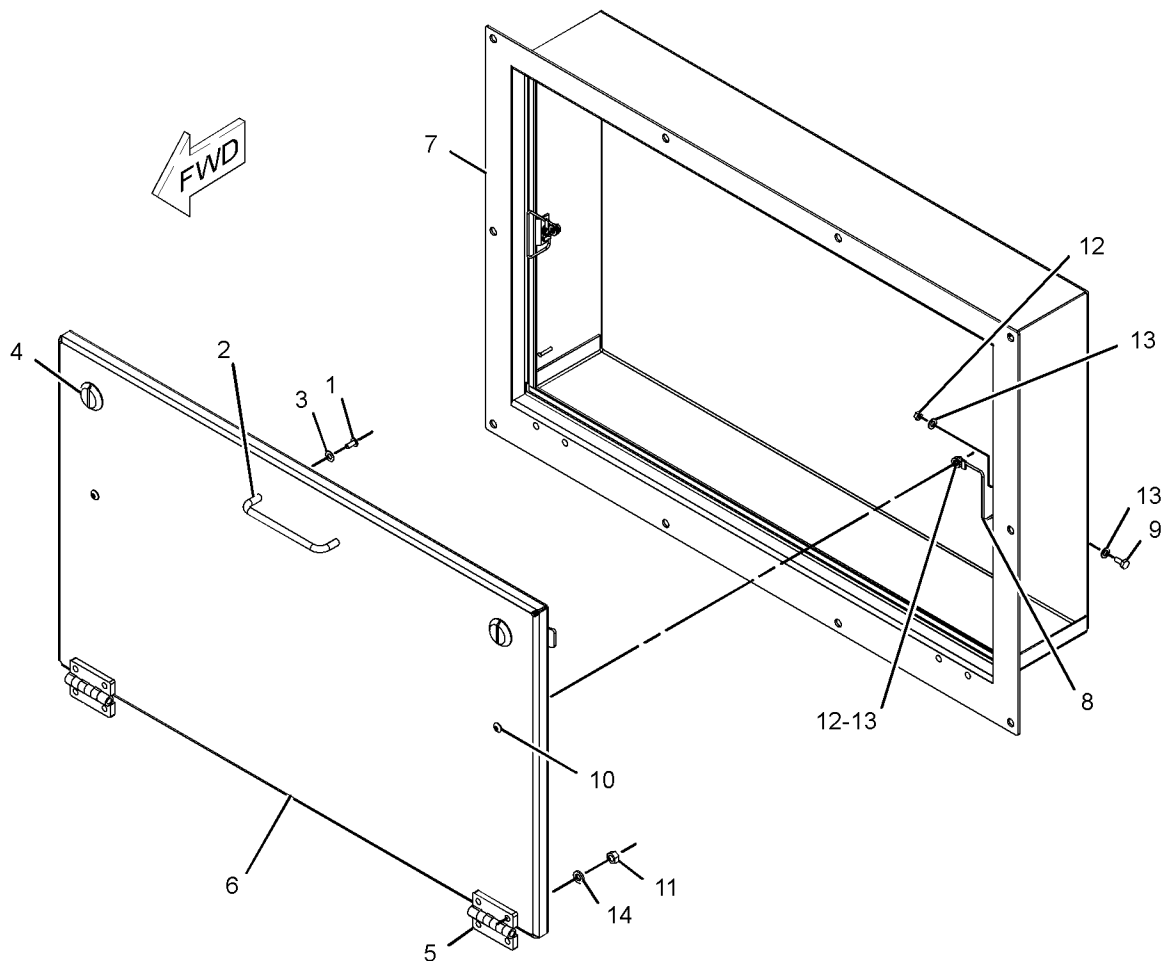
S/N: WYB1-UP
AN ATTACHMENT

SMCS-7268

i02505324

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8C-8514	2	SCREW-MACHINE (8-32X0.375-IN)						
	2	1	8T-2882	1	HANDLE-PULL						
	3	1	9F-8125	2	LOCKWASHER						
	4	1	135-6898	2	LATCH AS						
	5	1	169-4481	2	HINGE AS						
	6	1	242-8835	1	DOOR AS						
	7	1	252-7377	1	BOX AS						
BD		1	6V-9335		SEAL						
BJ		1	244-9631		SEAL						
	8	1	252-7519	2	STRAP						
M	9	1	116-6952	2	BOLT (M4X0.7X10-MM)						
M	10	1	8C-7581	2	SCREW-MACHINE (M4X0.7X8-MM)						
M	11	1	5C-2890	8	NUT (M6X1-THD)						
M	12	1	5C-8312	4	NUT (M4X0.7-THD)						
	13	1	8T-0328	8	WASHER-HARD (5.5X10X1-MM THK)						
	14	1	9X-8256	8	WASHER (6.6X12X2-MM THK)						

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



GRAPHIC #1

<END>

g01254348

OPERATOR STATION

245-0000 BOX GP-CONTROL PANEL

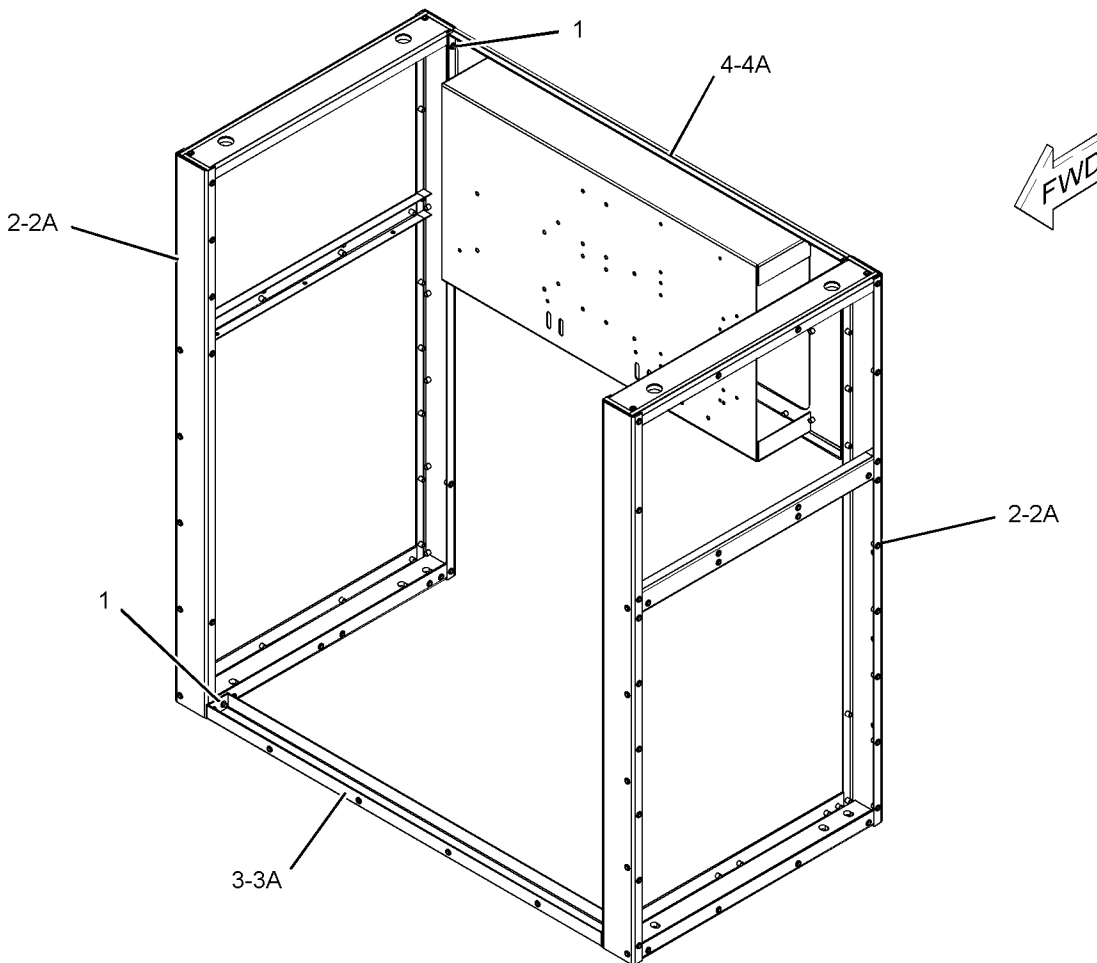
S/N: WYB1-UP
AN ATTACHMENT

SMCS-4490, 7451

i02332960

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	235-4451	12	BOLT-FLANGE HEAD (M6X1X16-MM)						
	2	1	242-8828	1	FRAME AS						
M		1	3E-4304	60	INSERT-THREADED (M6X1-6H-THD)						
J	2A	1	244-9631		SEAL (9-DM)						
	3	1	242-8831	1	BRACE AS						
M		1	3E-4304	4	INSERT-THREADED (M6X1-6H-THD)						
J	3A	1	244-9631		SEAL (3-DM)						
	4	1	242-8832	1	BOX AS						
M		1	3E-4304	14	INSERT-THREADED (M6X1-6H-THD)						
J	4A	1	244-9631		SEAL (17-DM)						

J-ORDER BY THE DECIMETER
M-METRIC PART



GRAPHIC #1

<END>

g01164634

OPERATOR STATION

237-0125 CONTROL GP-ENGINE MONITORING-RTD

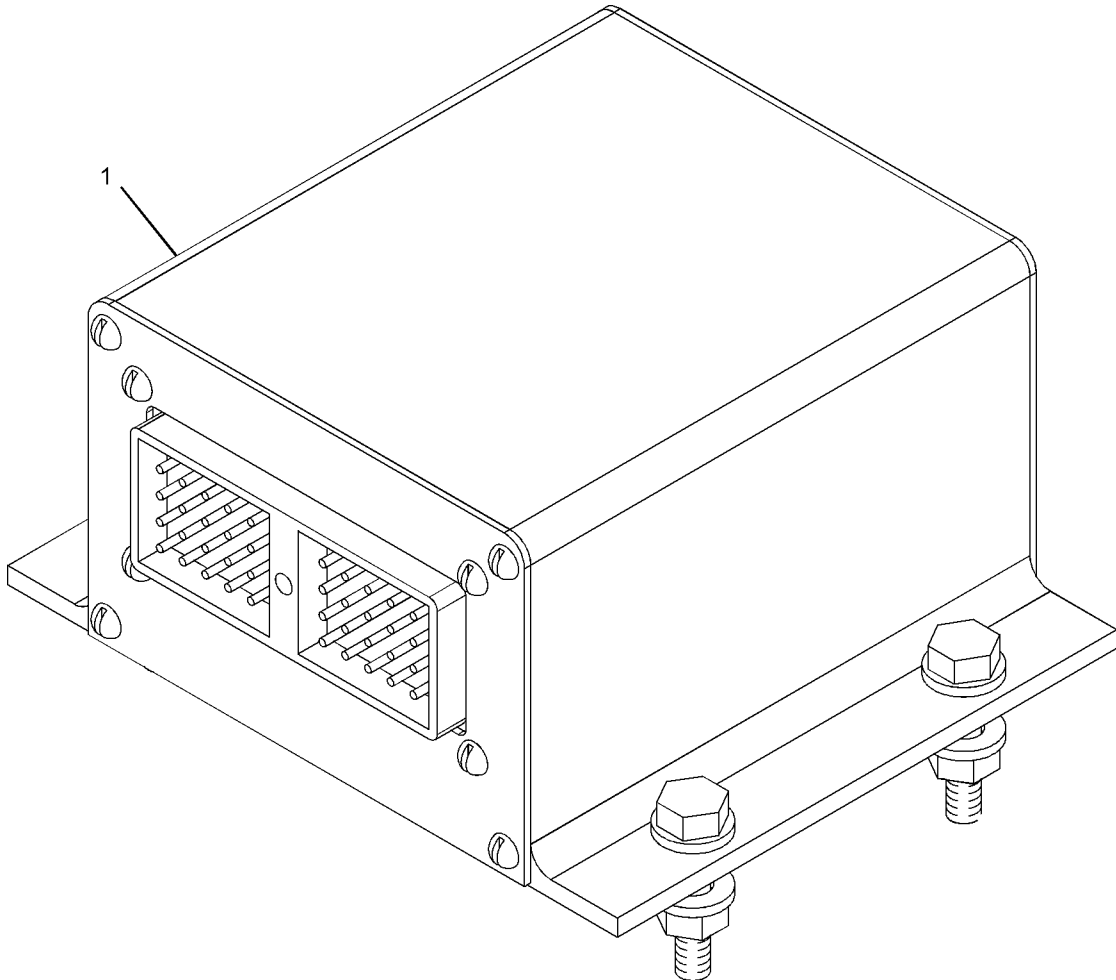
S/N: WYB1-UP

PART OF 252-7345 WIRING GP-PANEL
AN ATTACHMENT

SMCS-1901, 7490

i02111070

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	234-1645	1	CONTROL GP-ENGINE MONITORING (RESISTIVE TEMPERATURE DEVICE)						



GRAPHIC #1

<END>

g01076585

OPERATOR STATION

237-0126 CONTROL GP-ENGINE MONITORING-THERMOCOUPLE

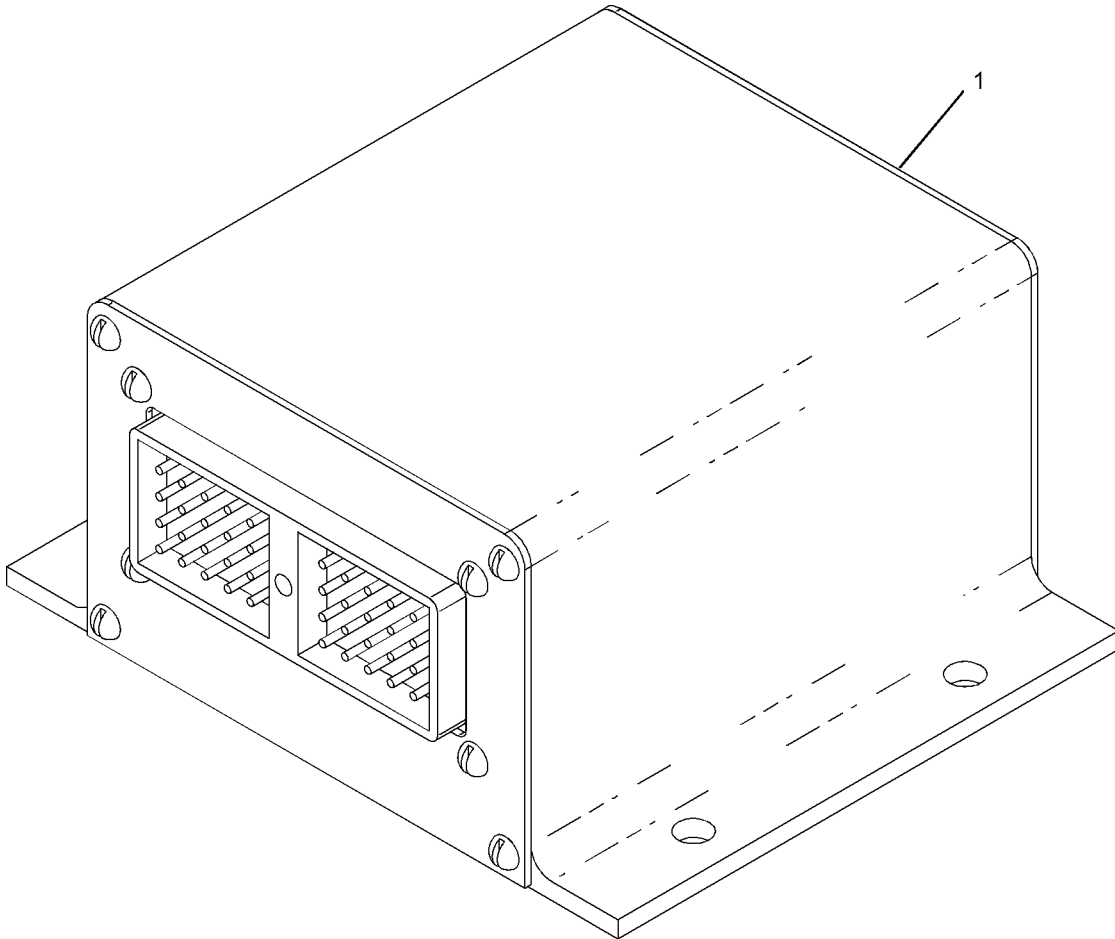
S/N: WYB1-UP

PART OF 252-7346 WIRING GP-PANEL
AN ATTACHMENT

SMCS-1901, 7490

i02235664

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	234-1644	1	CONTROL GP-ENGINE MONITORING (THERMOCOUPLE)						



GRAPHIC #1

<END>

g01072791

OPERATOR STATION

227-5800 CONTROL GP-GENERATOR SET-EMCP 3.1

S/N: WYB1-UP

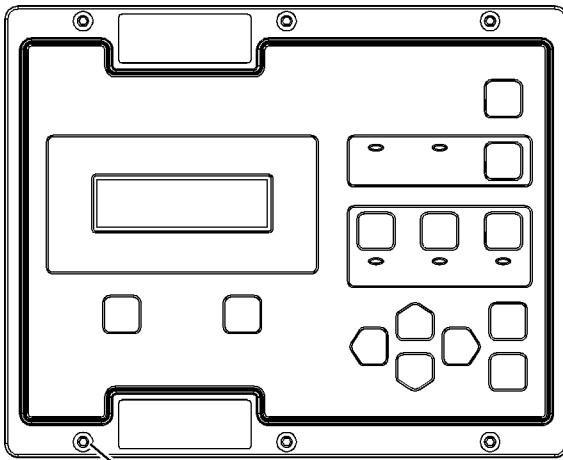
PART OF 274-8516 CONTROL GP-GENERATOR SET
AN ATTACHMENT

SMCS-4490

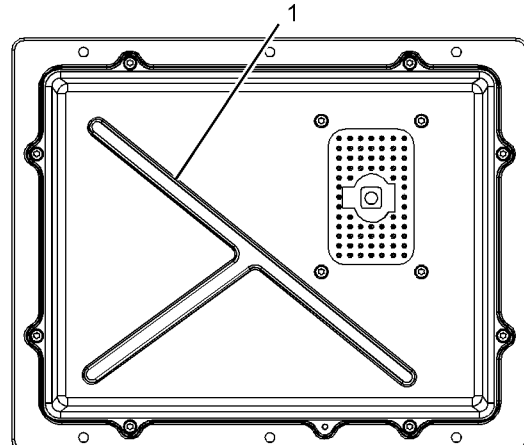
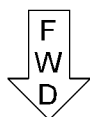
i02353440

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	227-5810	1	CONTROL AS-ELECTRONIC						
		1	101-0852	8	SCREW-PAN HEAD (NO 8X3/8-IN)						
M	2	1	166-3777	6	SCREW-BUTTON HEAD (M6X1X28-MM)						

M-METRIC PART



2
TOP VIEW



1
BOTTOM VIEW

GRAPHIC #1

<END>

g01153636

OPERATOR STATION

227-5801 CONTROL GP-GENERATOR SET-EMCP 3.2

S/N: WYB1-UP

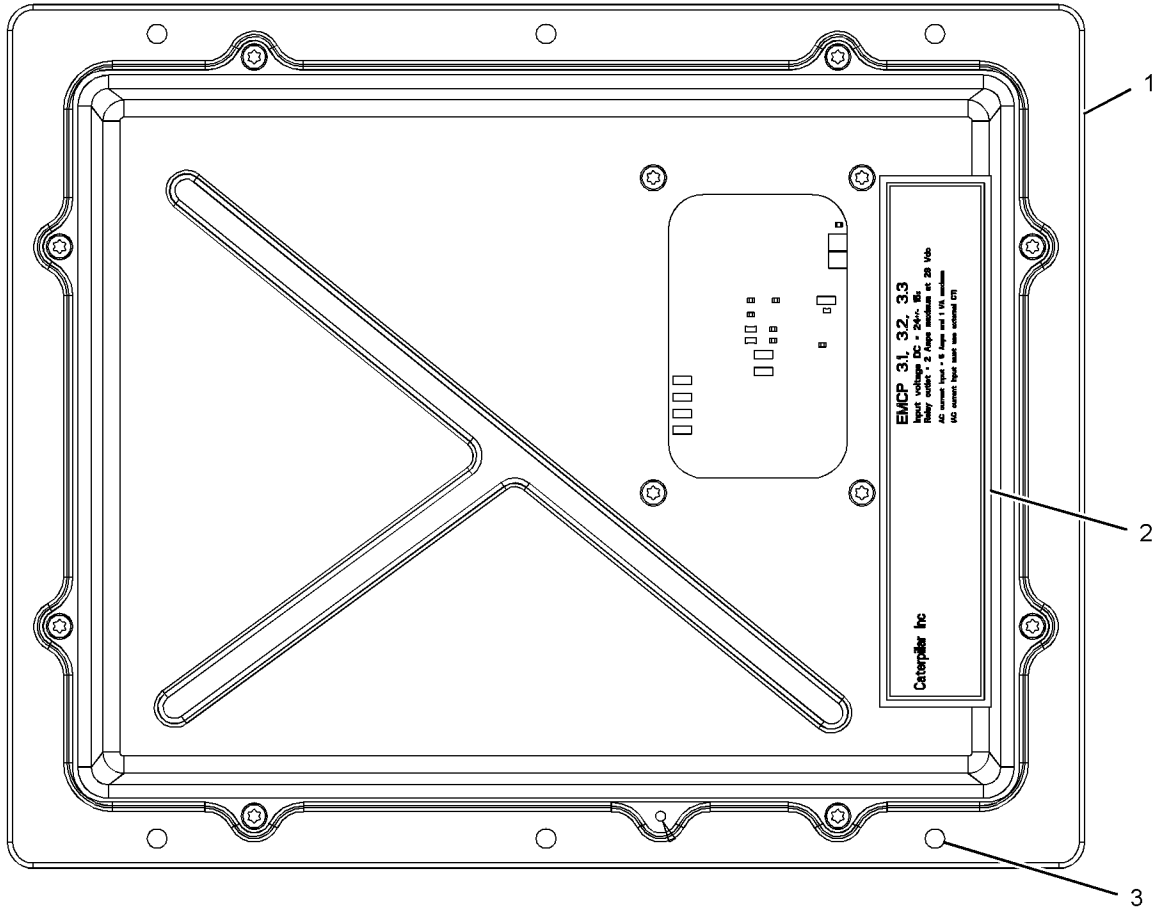
PART OF 274-8517 CONTROL GP-GENERATOR SET
AN ATTACHMENT

SMCS-4490

i02389992

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	1 2 3 4 5 6 (PRODUCT LEVEL)						SEE PAGE
	1	1	227-5811	1	CONTROL AS-ELECTRONIC							
		1	101-0852	8	SCREW-PAN HEAD (NO 8X3/8-IN)							
	2	1	263-5057	1	FILM-CERTIFICATION (EMCP 3)							
M	3	1	166-3777	6	SCREW-BUTTON HEAD (M6X1X28-MM)							

M-METRIC PART



GRAPHIC #1

<END>

g01185775

OPERATOR STATION

227-5802 CONTROL GP-GENERATOR SET-EMCP 3.3

S/N: WYB1-UP

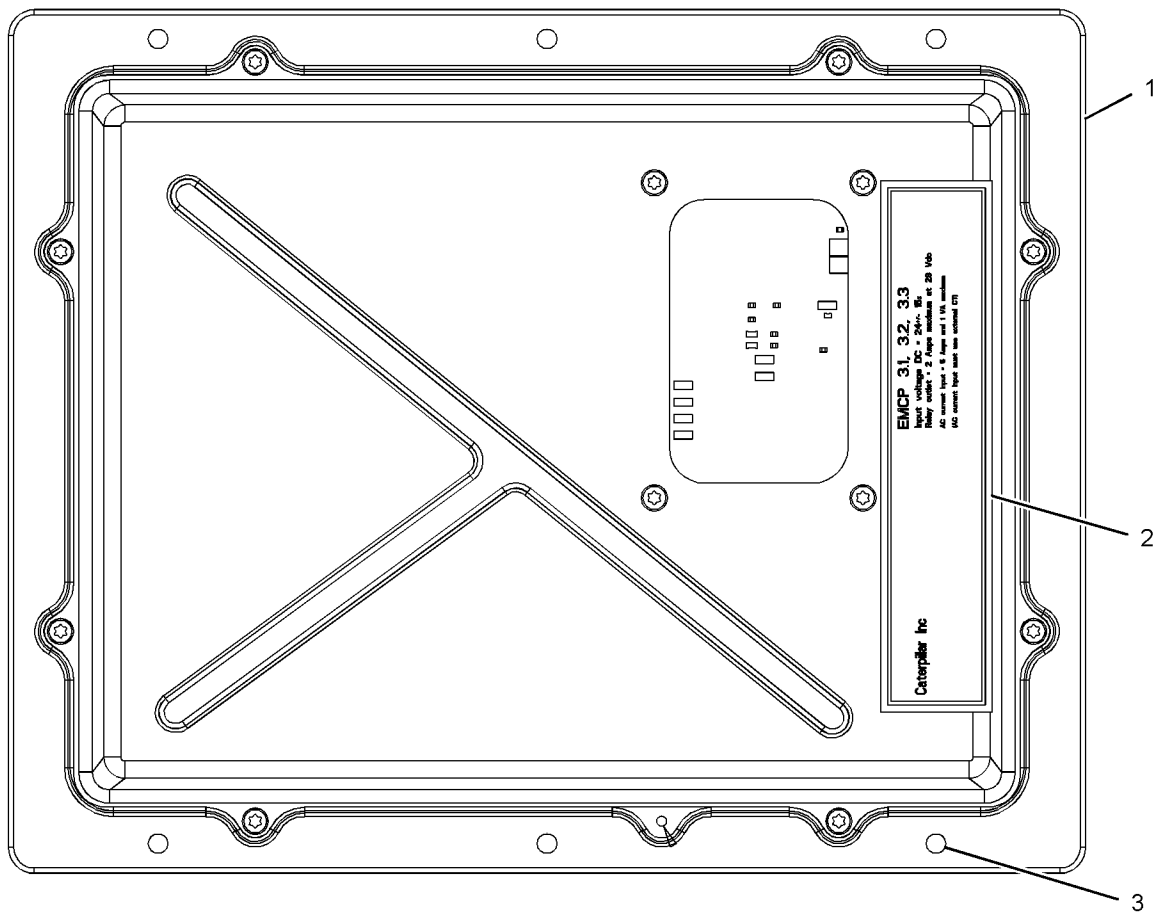
PART OF 263-1743 CONTROL GP-ELECTRONIC, 274-8518 CONTROL GP-GENERATOR SET
AN ATTACHMENT

SMCS-4490

i02368074

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	1 2 3 4 5 6 (PRODUCT LEVEL)						SEE PAGE
	1	1	227-5812	1	CONTROL AS-ELECTRONIC							
		1	101-0852	8	SCREW-PAN HEAD (NO 8X3/8-IN)							
	2	1	263-5057	1	FILM-CERTIFICATION (EMCP 3)							
M	3	1	166-3777	6	SCREW-BUTTON HEAD (M6X1X28-MM)							

M-METRIC PART



GRAPHIC #1

<END>

g01185775

OPERATOR STATION

236-1159 CONTROL GP-GENERATOR SET-ANNUNCIATOR

S/N: WYB1-UP

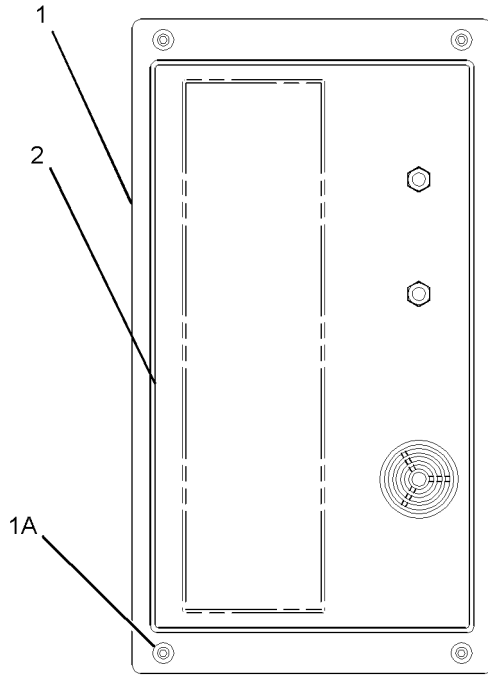
PART OF 249-1168 CONTROL & MTG GP-ENGINE ELEK, 252-7504 CONTROL
GP-ELECTRONIC
AN ATTACHMENT

SMCS-4490

i02142962

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	236-1158	1	MODULE GP-ALARM						
M	1A	1	166-3777	4	SCREW-BUTTON HEAD (M6X1X28-MM)						
	2	1	240-8703	1	FILM (EMCP 3 ANNUNCIATOR)						

M-METRIC PART



<END>

GRAPHIC #1

g01088039

OPERATOR STATION

274-8516 CONTROL GP-GENERATOR SET-EMCP 3.1

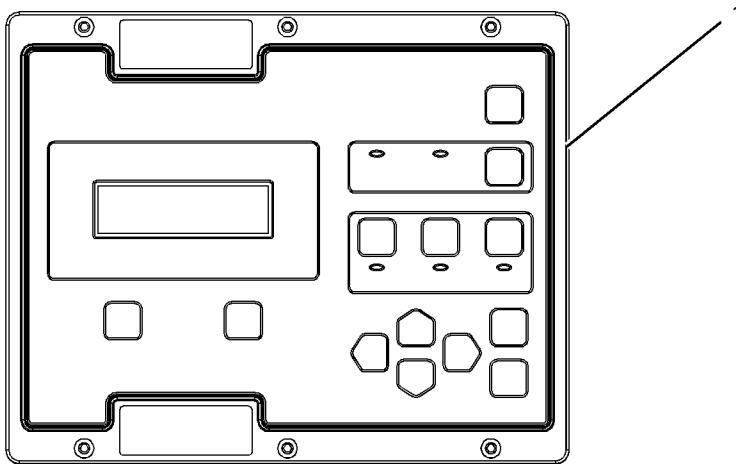
S/N: WYB1-UP

PART OF 281-3959 CONTROL GP-ELECTRONIC
AN ATTACHMENT

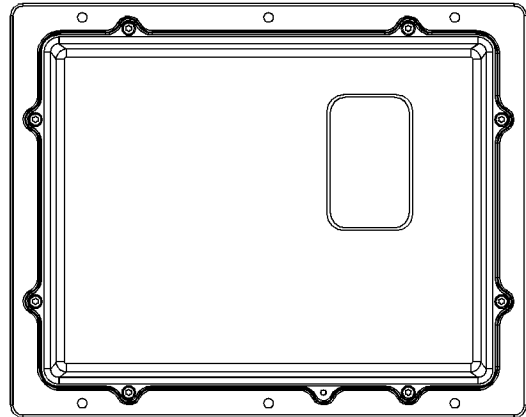
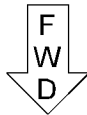
SMCS-4490

i02360350

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	227-5800	1	CONTROL GP-GENERATOR SET (EMCP 3.1)						501
Y-SEPARATE ILLUSTRATION											



TOP VIEW



BOTTOM VIEW

GRAPHIC #1

<END>

g01191980

OPERATOR STATION

274-8517 CONTROL GP-GENERATOR SET-EMCP 3.2

S/N: WYB1-UP

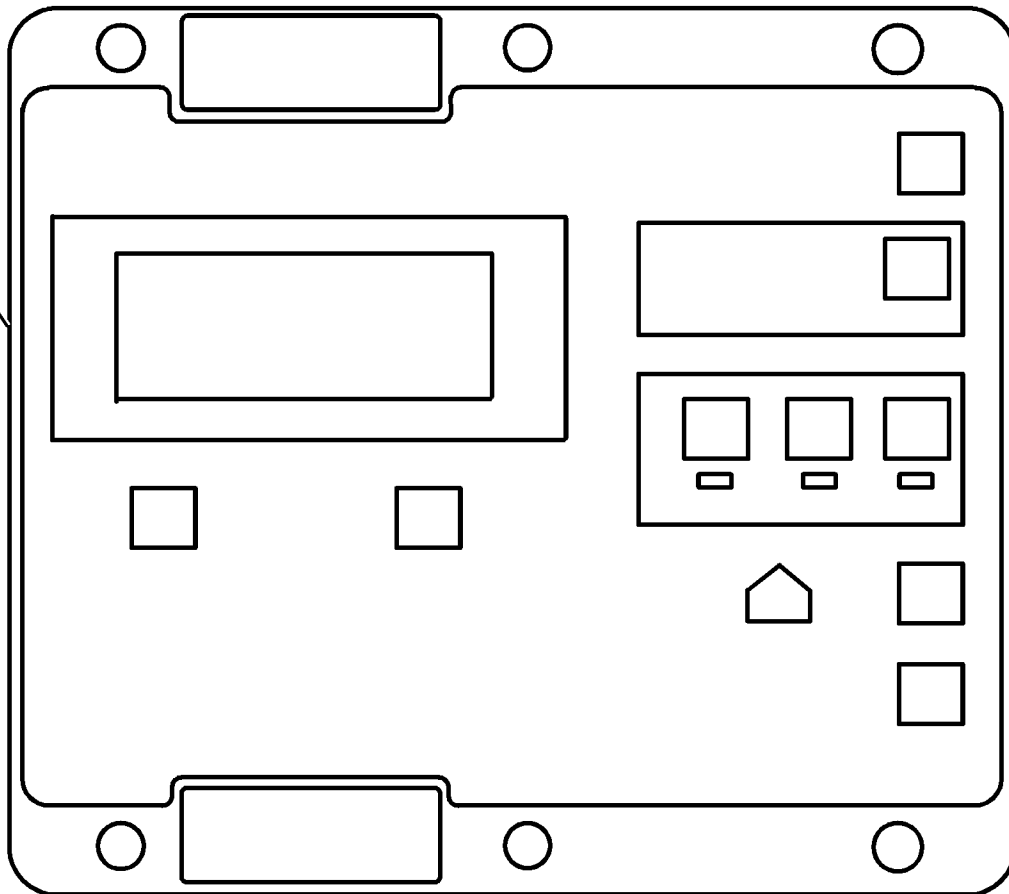
PART OF 283-0010 CONTROL GP-ELECTRONIC
AN ATTACHMENT

SMCS-4490

i02393370

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	227-5801	1	CONTROL GP-GENERATOR SET (EMCP 3.2)						502
Y-SEPARATE ILLUSTRATION											

1



FRONT VIEW
<END>

GRAPHIC #1

g01195298

OPERATOR STATION

274-8518 CONTROL GP-GENERATOR SET-EMCP 3.3

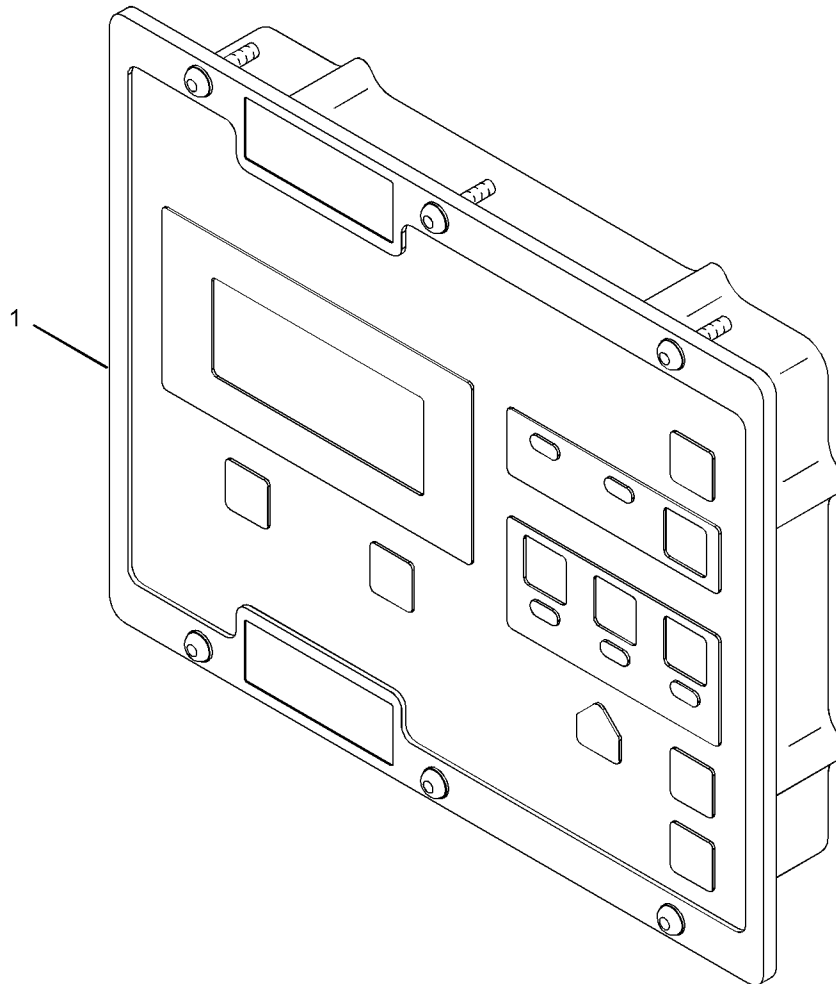
S/N: WYB1-UP

PART OF 245-0030 PANEL GP-CONTROL
AN ATTACHMENT

SMCS-4490

i02343694

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	227-5802	1	CONTROL GP-GENERATOR SET (EMCP 3.3)						503
Y-SEPARATE ILLUSTRATION											



GRAPHIC #1

<END>

g01194852

OPERATOR STATION

252-7369 CONTROL GP-LOAD SHARE MODULE

S/N: WYB1-UP
FOR USE WITH EUI
AN ATTACHMENT

SMCS-4490

i02499991

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4W-5972	1	KNOB						
	2	1	5L-5180	1	WASHER (0.49X0.875X0.05-IN THK)						
	3	1	7C-4550	1	SEAL						
	4	1	8C-8514	2	SCREW-MACHINE (8-32X0.375-IN)						
	5	1	8T-2882	1	HANDLE-PULL						
	6	1	9F-8125	2	LOCKWASHER						
	7	3	9X-6772	1	STRAP-CABLE						
	8	1	127-9070	1	POTENTIOMETER (10,000-OHM) (VOLTAGE ADJUSTMENT)						
	9	2	135-6898	2	LATCH AS						
	10	3	156-6175	1	CLIP						
Y	11	2	161-0797	1	CONTROL AS-GOVERNOR						218
	12	2	169-4481	2	HINGE AS						
	13	2	235-4451	10	BOLT-FLANGE HEAD (M6X1X16-MM)						
	14	1	242-8835	1	DOOR AS						
	15	3	287-7137	1	STRAP AS-GROUND						
		3	2L-8077	2	TERMINAL (14-GA TO 16-GA)						
Y	16	2	244-9639	1	BLOCK AS-TERMINAL						270
	17	2	244-9642	1	HARNESS AS-WIRING (VOLTAGE SENSING)						
		2	7K-1181	1	STRAP-CABLE						
		2	109-3038	5	END-WIRE (16-GA)						
		2	162-4171	3	TERMINAL AS (18-GA TO 20-GA)						
	18	1	244-9643	1	HARNESS AS-WIRING (CURRENT TRANSFORMER)						
		1	125-9993	6	TERMINAL						
		1	3E-3377	1	WEDGE-RECEPTACLE LOCK (4-PIN)						
		1	186-3735	4	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	186-3736	4	SOCKET-CONNECTOR (16-GA TO 18-GA)						
		1	102-8804	1	KIT-RECEPTACLE (4-PIN) (INCLUDES RECEPTACLE AS & WEDGE)						
		1	155-2271	1	KIT-CONNECTING PLUG (4-PIN) (INCLUDES PLUG AS & WEDGE)						
		1	155-2272	1	PLUG AS-CONNECTOR (4-PIN)						
		1	162-4171	6	TERMINAL AS (18-GA TO 20-GA)						
	19	1	244-9644	1	HARNESS AS-CONTROL (LOAD SHARE MODULE)						
		1	7K-1181	2	STRAP-CABLE						
		1	186-3735	6	PIN-CONNECTOR (16-GA TO 18-GA)						
		1	8T-8737	62	PLUG-SEAL						
		1	126-1767	2	PIN-CONNECTOR (14-GA)						
		1	2L-8075	1	TERMINAL (14-GA TO 16-GA)						
		1	133-8753	1	RECEPTACLE AS-CONNECTOR (70-PIN)						
		1	162-4171	7	TERMINAL AS (18-GA TO 20-GA)						
	20	3	245-0074	1	BOX GP-EXTENSION TERMINAL						
D		3	6V-9335		SEAL (2.1-M)						
J		3	244-9631		SEAL (23-DM)						
		3	244-9669	1	BOX AS						
Y	21	2	252-7365	2	TRANSFORMER GP-POTENTIAL						443
	22	1	252-7425	1	HARNESS AS-WIRING (VOLTAGE SENSING)						
		1	2L-8081	3	TERMINAL (14-GA TO 16-GA)						
		1	7K-1181	6	STRAP-CABLE						
		1	109-3038	3	END-WIRE (16-GA)						
	23	3	252-7519	2	STRAP						
M	24	2	116-6952	6	BOLT (M4X0.7X10-MM)						
	25	2	1D-4533	2	BOLT (1/4-20X2.25-IN)						
	26	2	3B-4504	8	LOCKWASHER						
M	27	3	8C-7581	1	SCREW-MACHINE (M4X0.7X8-MM)						

OPERATOR STATION

252-7369 CONTROL GP-LOAD SHARE MODULE (contd.)

i02499991

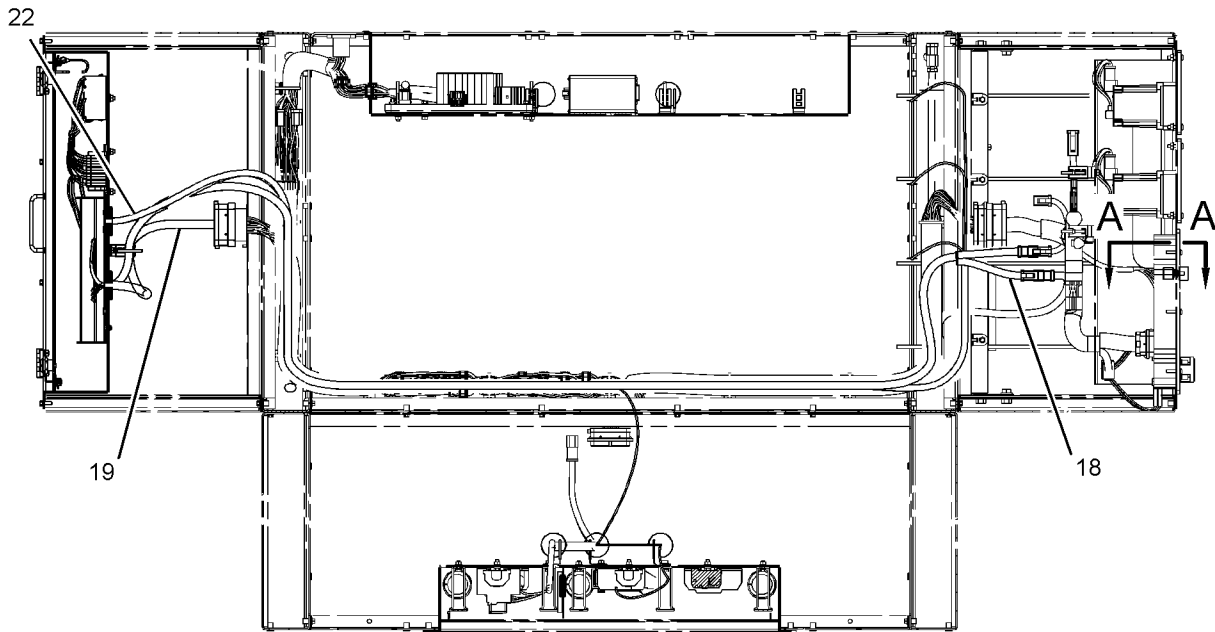
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	28	2	4D-3100	4	GROMMET						
M	29	2,3	5C-2890	13	NUT (M6X1-THD)						
M	30	2,3	5C-8312	8	NUT (M4X0.7-THD)						
M	31	2,3	5C-9553	3	BOLT (M6X1X16-MM)						
	32	2	5P-0537	4	WASHER-HARD (7.2X14.5X2-MM THK)						
	33	2,3	8T-0328	16	WASHER-HARD (5.5X10X1-MM THK)						
	34	2	9S-8750	2	NUT-FULL (1/4-20-THD)						
	35	2,3	9X-8256	8	WASHER (6.6X12X2-MM THK)						

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

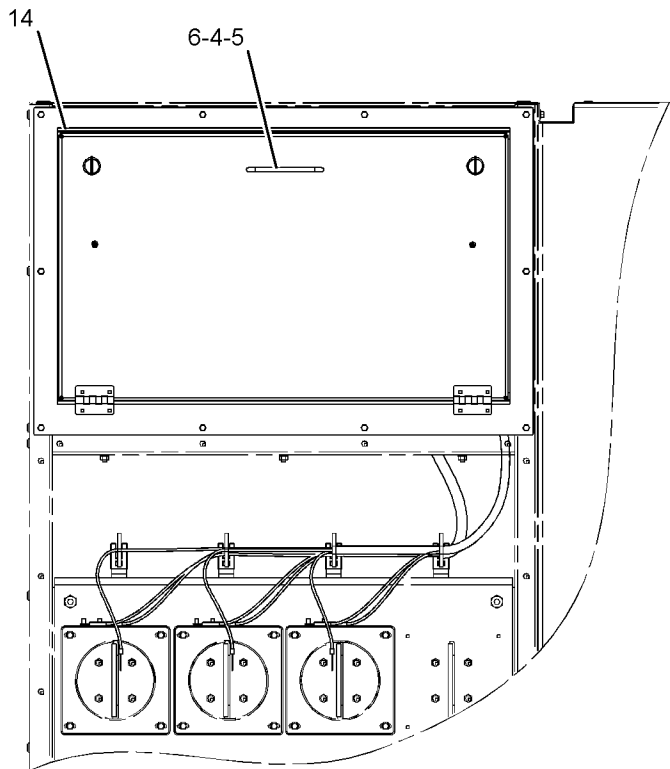
OPERATOR STATION

252-7369 CONTROL GP-LOAD SHARE MODULE (contd.)

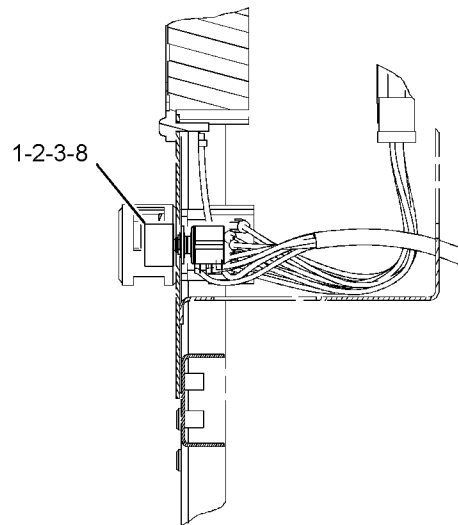
i02499991



TOP VIEW



LEFT SIDE VIEW
(WITH DOOR)



SECTION A-A

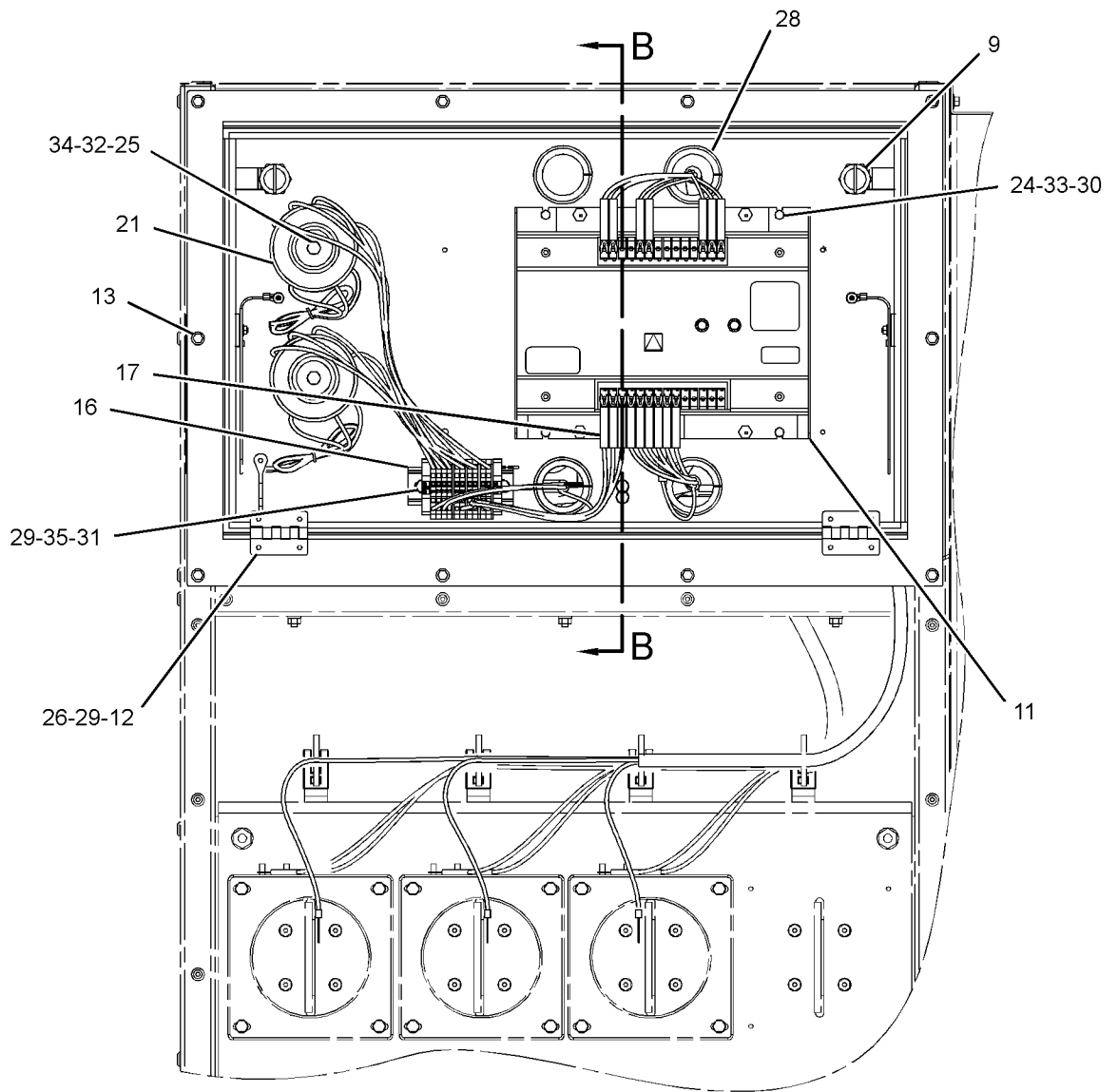
GRAPHIC #1

g01254847

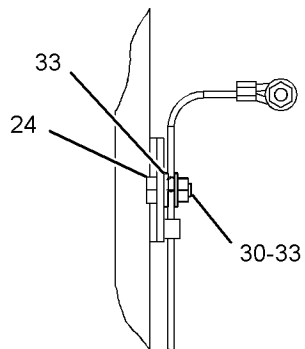
OPERATOR STATION

252-7369 CONTROL GP-LOAD SHARE MODULE (contd.)

i02499991



LEFT SIDE VIEW
(DOOR REMOVED)



SECTION C-C

GRAPHIC #2

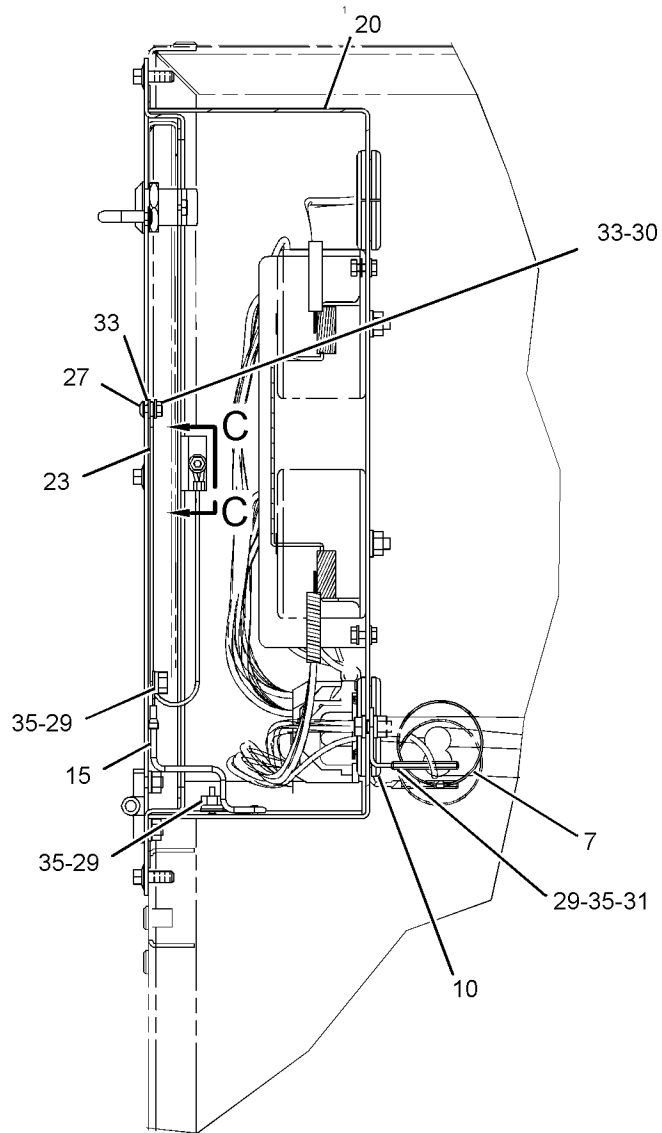
g01254848

OPERATOR STATION

252-7369 CONTROL GP-LOAD SHARE MODULE (contd.)

i02499991

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS



SECTION B-B

GRAPHIC #3

<END>

g01254147

OPERATOR STATION

245-0023 COVER GP-CONTROL PANEL-FRONT

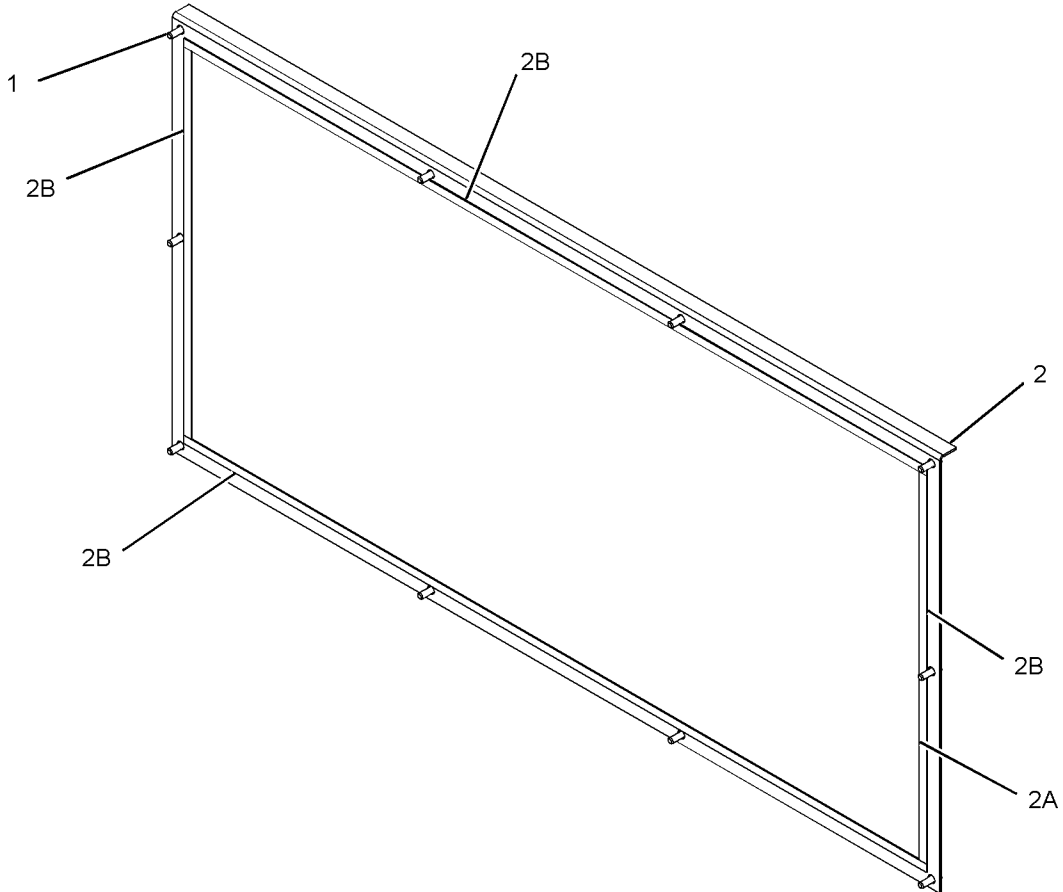
S/N: WYB1-UP
AN ATTACHMENT

SMCS-7451

i02424751

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	235-4451	10	BOLT-FLANGE HEAD (M6X1X16-MM)						
	2	1	245-0080	1	COVER GP-ACCESS						
	2A	1	243-1888	1	PLATE-COVER						
BJ	2B	1	244-9631		SEAL (28-DECIMETER)						

B-USE AS REQUIRED
J-ORDER BY THE DECIMETER



GRAPHIC #1

<END>

g01211766

OPERATOR STATION

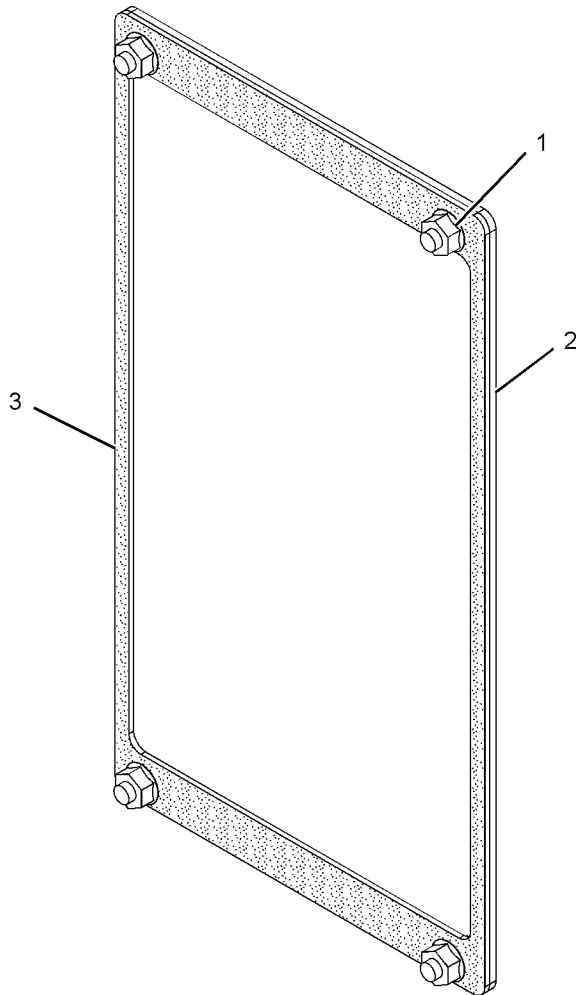
249-1169 COVER GP-CONTROL PANEL

S/N: WYB1-UP
AN ATTACHMENT

SMCS-7451

i02232585

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	173-7181	4	NUT (1/4-20-THD)						
	2	1	186-1658	1	PANEL AS						
	3	1	244-9613	1	GASKET						



GRAPHIC #1

<END>

g01074883

OPERATOR STATION

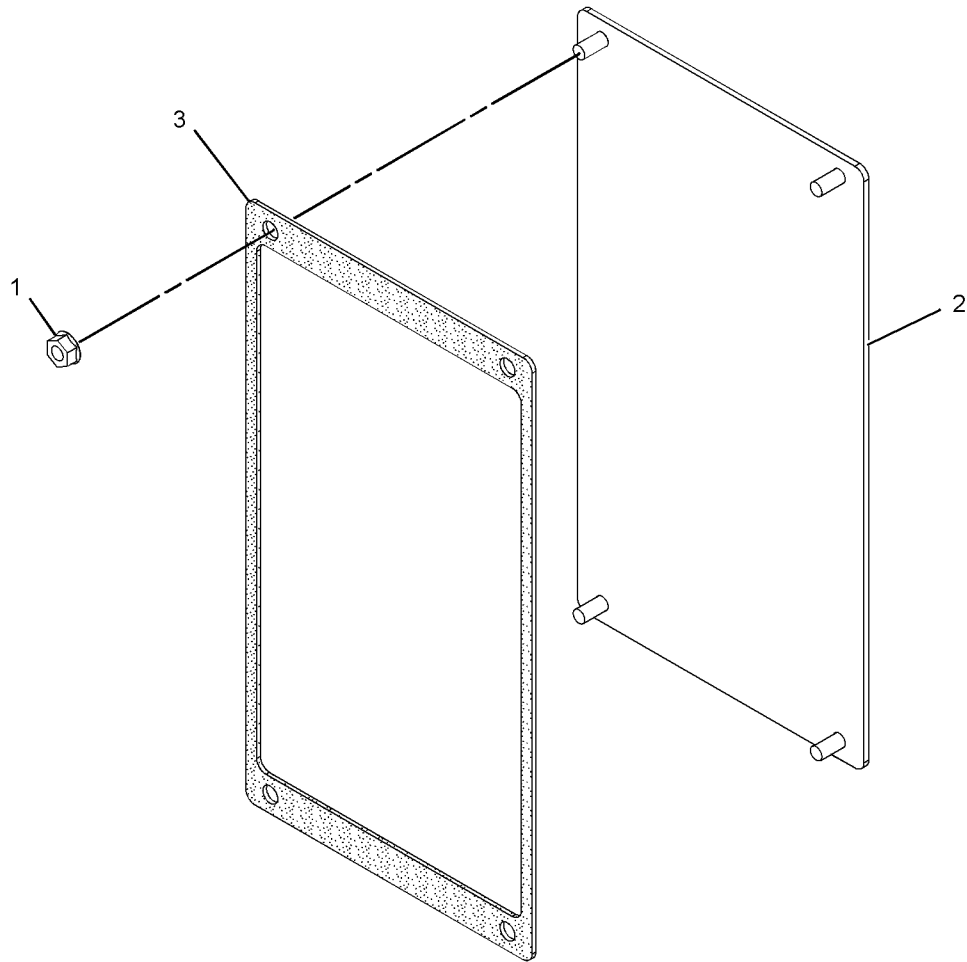
252-7556 COVER GP-CONTROL PANEL-ANNUNCIATOR

S/N: WYB1-UP
AN ATTACHMENT

SMCS-7451

i02225952

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	173-7181	4	NUT (1/4-20-THD)						
	2	1	186-1658	1	PANEL AS						
	3	1	244-9613	1	GASKET						



GRAPHIC #1

<END>

g01134815

OPERATOR STATION

269-8609 DOOR GP-ACCESS-VANDALISM GUARD

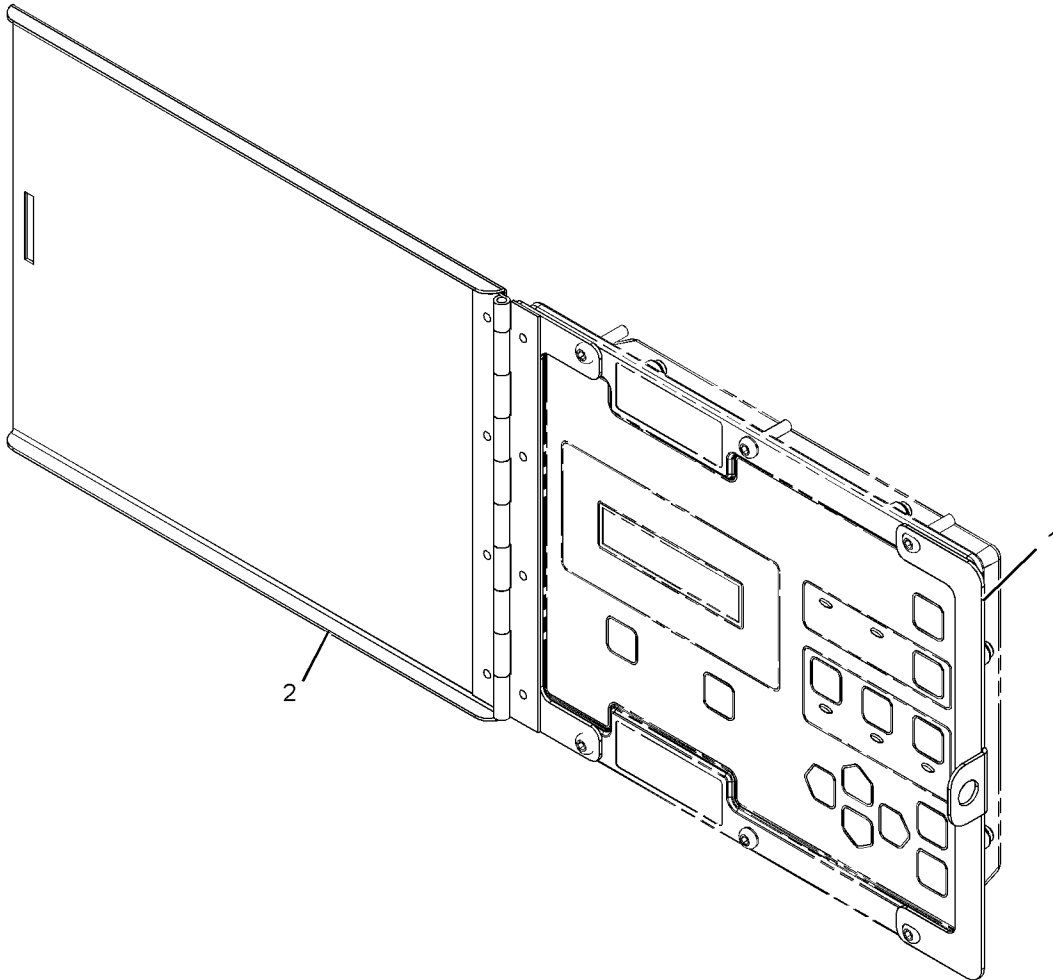
S/N: WYB1-UP

PART OF 279-3444 DOOR GP-ACCESS
AN ATTACHMENT

SMCS-7251, 7273

i02351726

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	269-2436	1	BRACKET						
	2	1	269-2437	1	COVER AS-ACCESS (VANDALISM GUARD)						



GRAPHIC #1

<END>

g01175232

OPERATOR STATION

279-3444 DOOR GP-ACCESS-VANDALISM GUARD

S/N: WYB1-UP
AN ATTACHMENT

SMCS-7251, 7273

i02431080

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	269-8609	1	DOOR GP-ACCESS (VANDALISM GUARD)						516
Y-SEPARATE ILLUSTRATION									

<END>

OPERATOR STATION

263-6448 MOUNTING GP-CONTROL-ELECTRONIC CONTROL MODULE

S/N: WYB1-UP
AN ATTACHMENT

SMCS-7451

i02437071

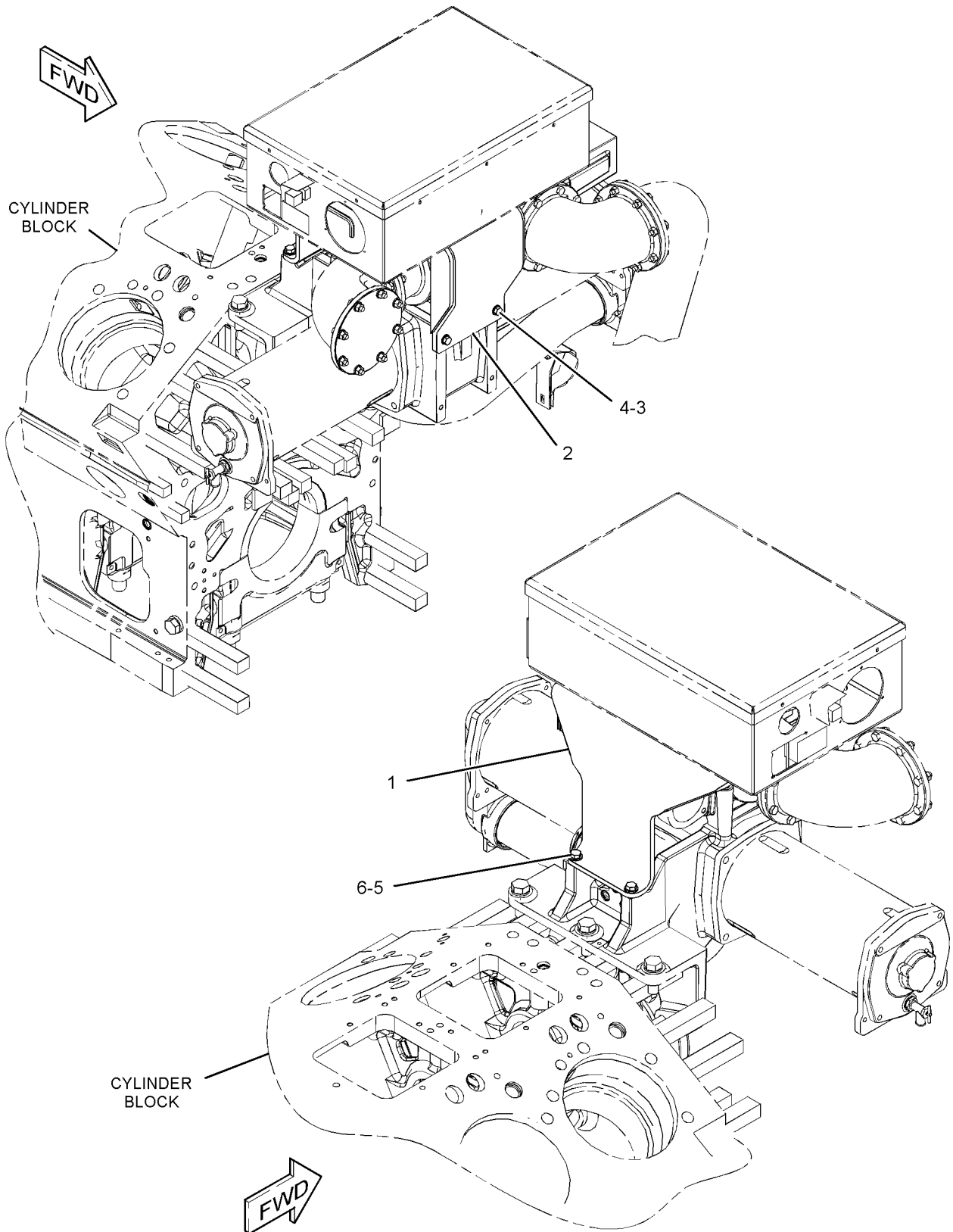
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	263-6458	1	BRACKET						
	2	1	263-6459	1	BRACKET AS						
	3	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
M	4	1	8T-4136	2	BOLT (M10X1.5X25-MM)						
	5	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						
M	6	1	8T-4956	2	BOLT (M12X1.75X35-MM)						

M-METRIC PART

OPERATOR STATION

263-6448 MOUNTING GP-CONTROL (contd.)

i02437071



GRAPHIC #1

<END>

g01219783

OPERATOR STATION

263-6742 MOUNTING GP-CONTROL-POWER DISTRIBUTION

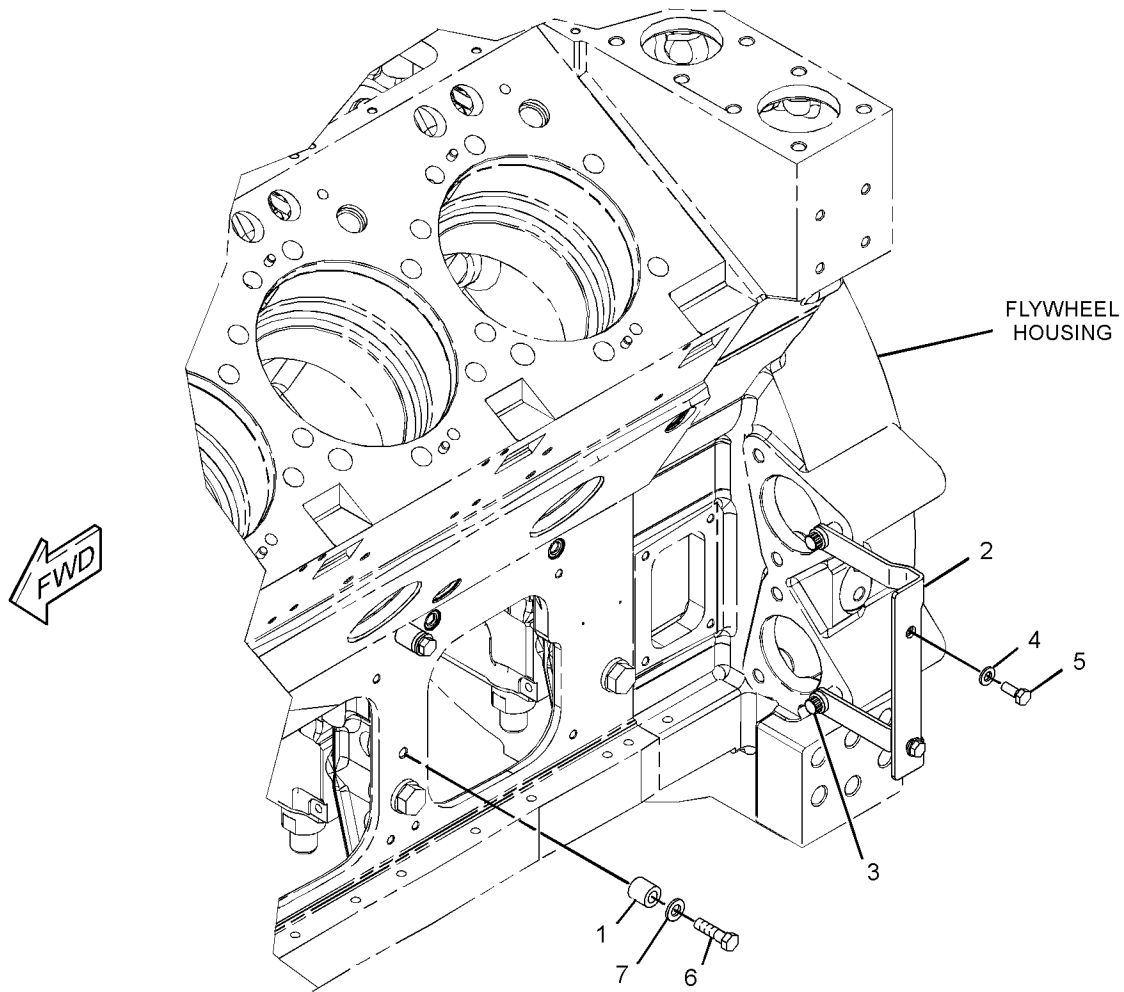
S/N: WYB1-UP
AN ATTACHMENT

SMCS-7451

i02444477

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5V-9221	2	SPACER (13.8X25X25-MM THK)						
	2	1	249-7557	1	BRACKET AS						
M	3	1	277-3344	2	BOLT-12 POINT HEAD (M16X2X35-MM)						
	4	1	8T-4121	2	WASHER-HARD (11X21X2.5-MM THK)						
M	5	1	8T-4136	2	BOLT (M10X1.5X25-MM)						
M	6	1	8T-4184	2	BOLT (M12X1.75X45-MM)						
	7	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01224668

OPERATOR STATION

278-7380 MOUNTING GP-CONTROL

S/N: WYB1-UP
AN ATTACHMENT

SMCS-7451

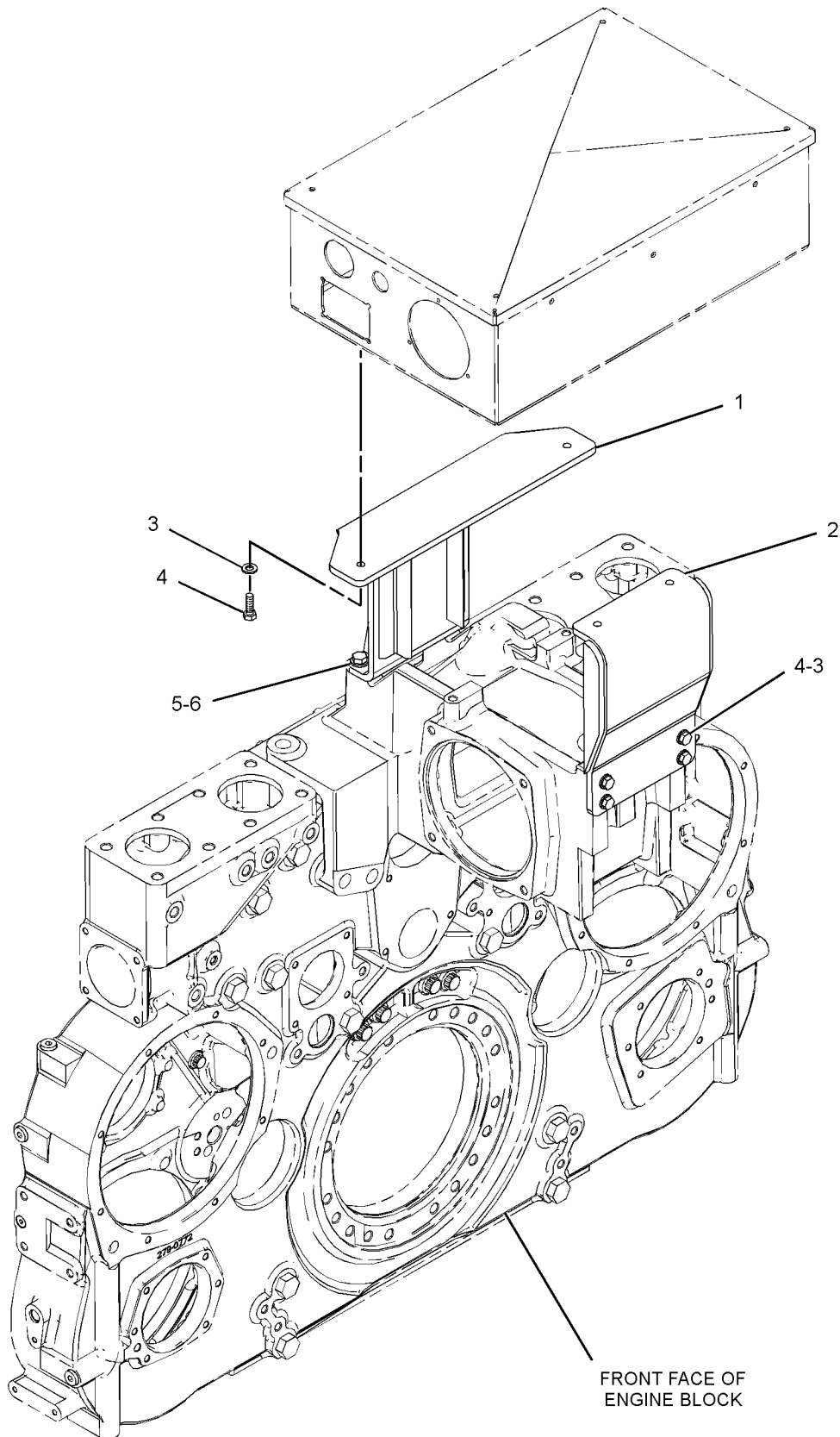
i02495797

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	278-7373	1	BRACKET AS						
	2	1	278-7379	1	BRACKET AS						
	3	1	8T-4121	8	WASHER-HARD (11X21X2.5-MM THK)						
M	4	1	8T-4195	8	BOLT (M10X1.5X30-MM)						
	5	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						
M	6	1	8T-4956	2	BOLT (M12X1.75X35-MM)						
M-METRIC PART											

OPERATOR STATION

278-7380 MOUNTING GP-CONTROL (contd.)

i02495797



GRAPHIC #1

<END>

g01249359

OPERATOR STATION

245-0082 MOUNTING GP-CONTROL PANEL-VOLTAGE REGULATOR

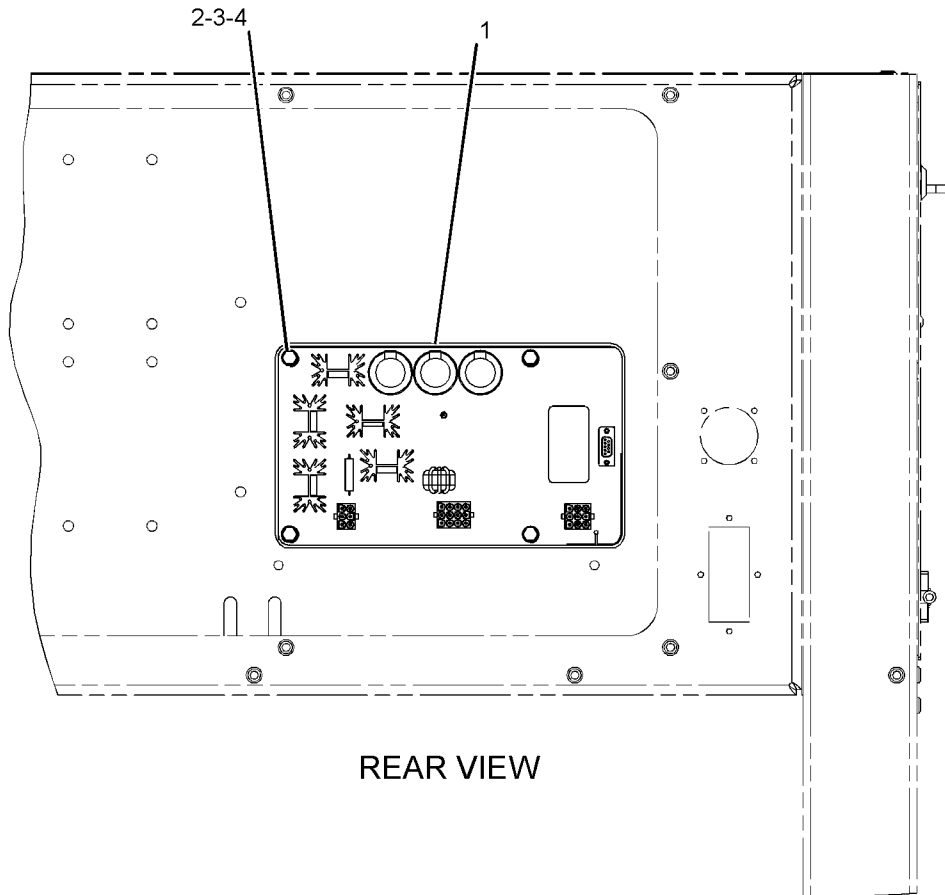
S/N: WYB1-UP
AN ATTACHMENT

SMCS-7451

i02360607

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	235-5725	1	REGULATOR AS-VOLTAGE (DIGITAL)						610
M	2	1	5C-2890	4	NUT (M6X1-THD)						
M	3	1	8T-4971	4	BOLT (M6X1X30-MM)						
	4	1	9X-8256	8	WASHER (6.6X12X2-MM THK)						

M-METRIC PART
Y-SEPARATE ILLUSTRATION



REAR VIEW

GRAPHIC #1

<END>

g01137652

OPERATOR STATION

245-0087 MOUNTING GP-CONTROL PANEL

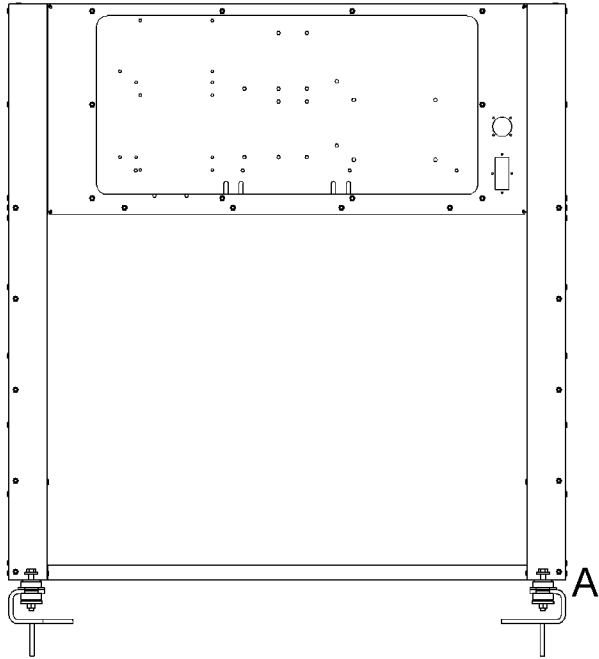
S/N: WYB1-UP
AN ATTACHMENT

SMCS-7451

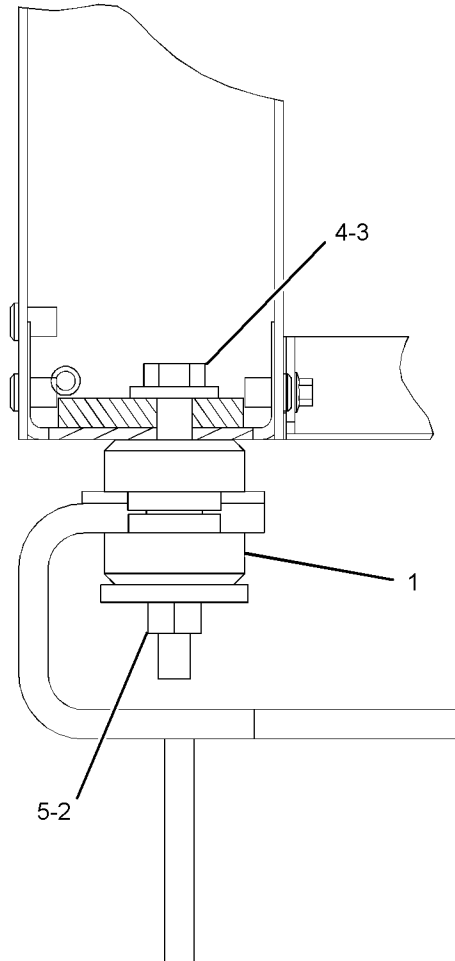
i02424383

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	249-3108	4	MOUNT-ISOLATION						
	2	1	086-0297	4	WASHER (13X50X6-MM THK)						
	3	1	5P-1076	4	WASHER-HARD (13.5X30X4-MM THK)						
M	4	1	7X-2549	4	BOLT (M12X1.75X100-MM)						
M	5	1	8T-4244	4	NUT (M12X1.75-THD)						

M-METRIC PART



REAR VIEW



VIEW OF AREA A

GRAPHIC #1

<END>

g01230910

OPERATOR STATION

245-0030 PANEL GP-CONTROL-EMCP 3.3

S/N: WYB1-UP
FOR USE WITH EUI
AN ATTACHMENT

SMCS-4490, 7451

i02350174

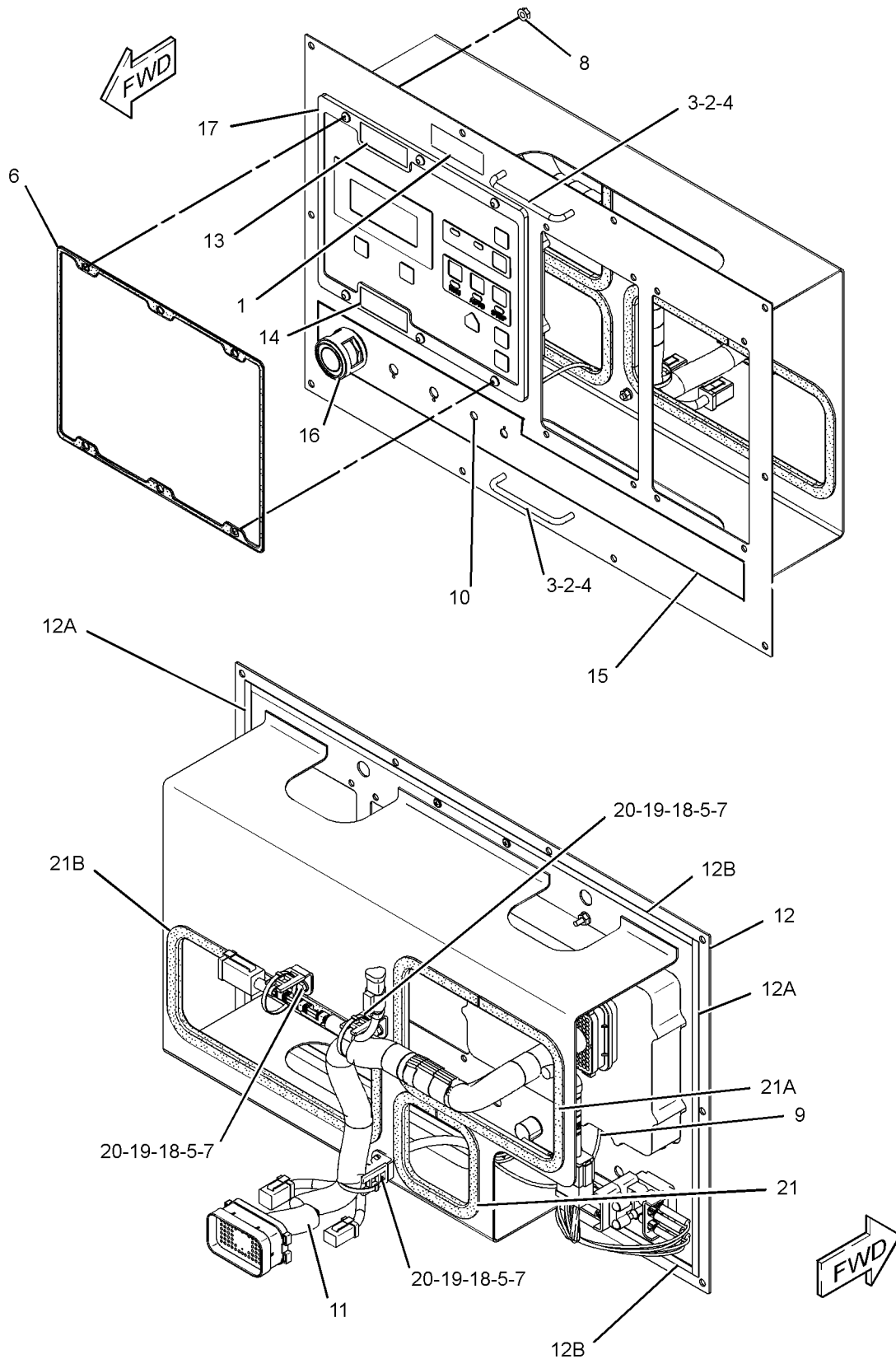
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7C-0974	1	FILM-WARNING (ELECTRICAL SHOCK)						
	2	1	8C-8514	4	SCREW-MACHINE (8-32X0.375-IN)						
	3	1	8T-2882	2	HANDLE-PULL						
	4	1	9F-8125	4	LOCKWASHER						
B	5	1	9X-6772	3	STRAP-CABLE						
	6	1	103-6272	1	SEAL						
	7	1	156-6175	3	CLIP						
	8	1	214-3966	6	NUT (M6X1-MM)						
	9	1	233-7742	1	SCREW (M4X7.5-MM)						
	10	1	234-1373	4	GROMMET-BLIND						
Y	11	1	244-5404	1	HARNESS AS-PANEL (INTERFACE) (EMCP 3, EUI)						377
	12	1	242-8829	1	PANEL AS						
J	12A	1	244-9631		SEAL (9-DM EACH)						
J	12B	1	244-9631		SEAL (14-DM EACH)						
	13	1	245-2987	1	FILM-IDENTIFICATION (CATERPILLAR)						
	14	1	245-2992	1	FILM-IDENTIFICATION (EMCP 3.3)						
	15	1	244-9673	1	FILM-CONTROL PANEL (STOP, STARTING AID, SPEED)						
Y	16	1	<i>252-7558</i>	1	WIRING GP-SHUTOFF (EMERGENCY STOP)						493
Y	17	1	<i>274-8518</i>	1	CONTROL GP-GENERATOR SET						507
M	18	1	5C-2890	3	NUT (M6X1-THD)						
M	19	1	5C-9553	3	BOLT (M6X1X16-MM)						
	20	1	9X-8256	6	WASHER (6.6X12X2-MM THK)						
E	21	1	3E-6600		SEAL (32-CM)						
E	21A	1	3E-6600		SEAL (72-CM)						
E	21B	1	3E-6600		SEAL (79-CM)						

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

OPERATOR STATION

245-0030 PANEL GP-CONTROL (contd.)

i02350174



GRAPHIC #1

<END>

g01200746

OPERATOR STATION

256-4604 SUPPORT GP-CONTROL

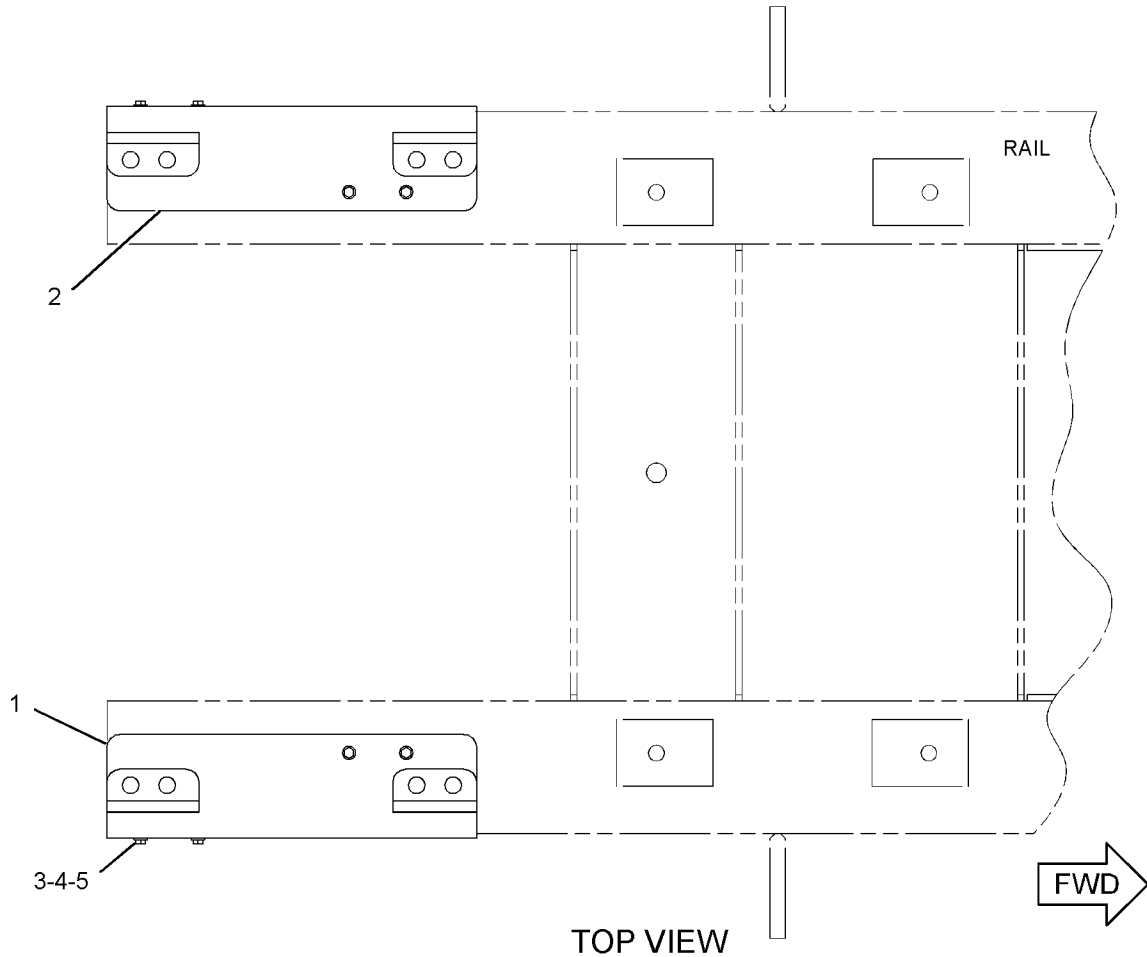
S/N: WYB1-UP
FOR USE WITH 1800-FRAME
AN ATTACHMENT

SMCS-7451

i02479793

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	256-3159	1	SUPPORT AS (RH)						
	2	1	256-3160	1	SUPPORT AS (LH)						
M	3	1	8T-4183	8	BOLT (M12X1.75X40-MM)						
	4	1	8T-4223	16	WASHER-HARD (13.5X25.5X3-MM THK)						
M	5	1	8T-4244	8	NUT (M12X1.75-THD)						

M-METRIC PART



GRAPHIC #1

<END>

g01240893

ENCLOSURES, GUARDS AND BASES

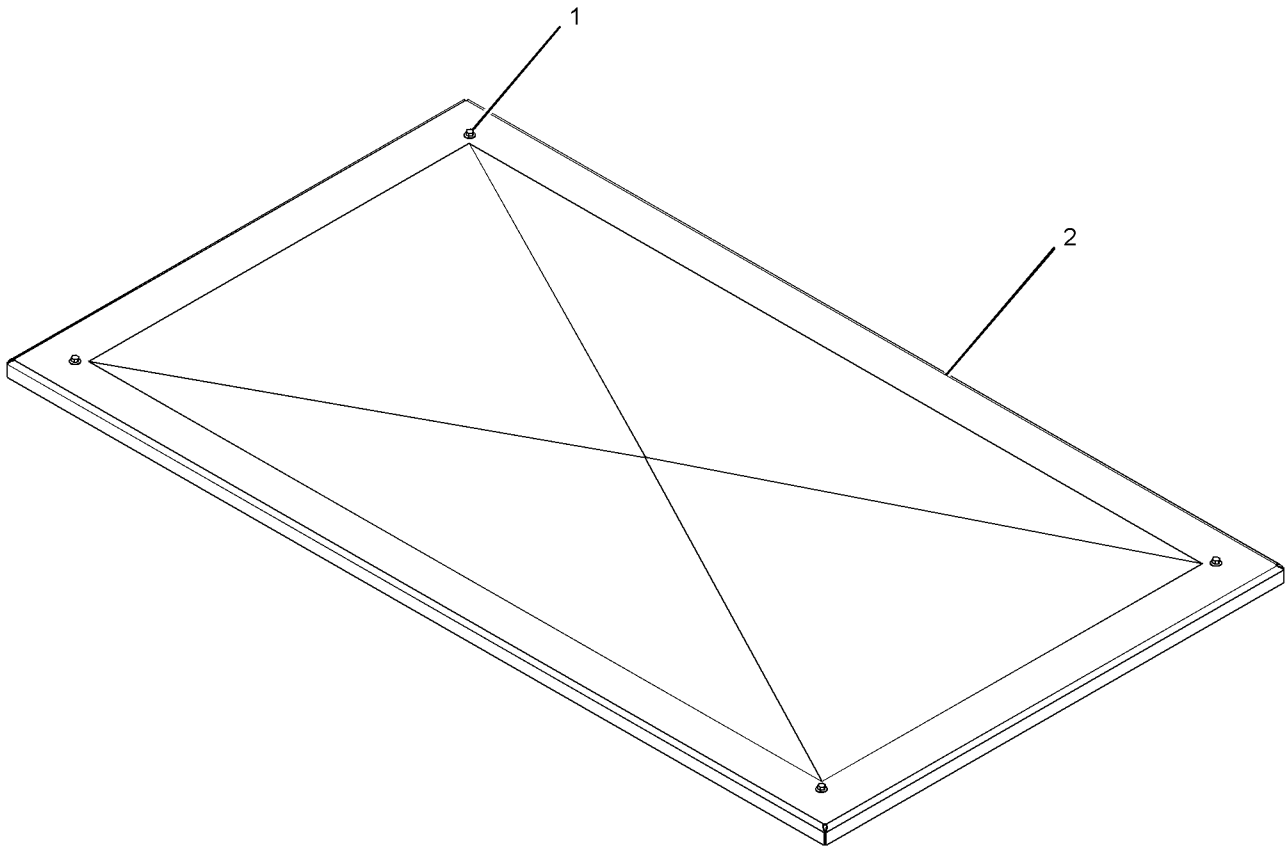
245-0024 COVER GP-ENCLOSURE-TOP

S/N: WYB1-UP
AN ATTACHMENT

SMCS-4460

i02238832

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	235-4451	4	BOLT-FLANGE HEAD (M6X1X16-MM)						
	2	1	242-8836	1	ROOF (MAIN)						



GRAPHIC #1

<END>

g01135222

ENCLOSURES, GUARDS AND BASES

245-0027 COVER GP-ENCLOSURE-EXTENSION, MAIN

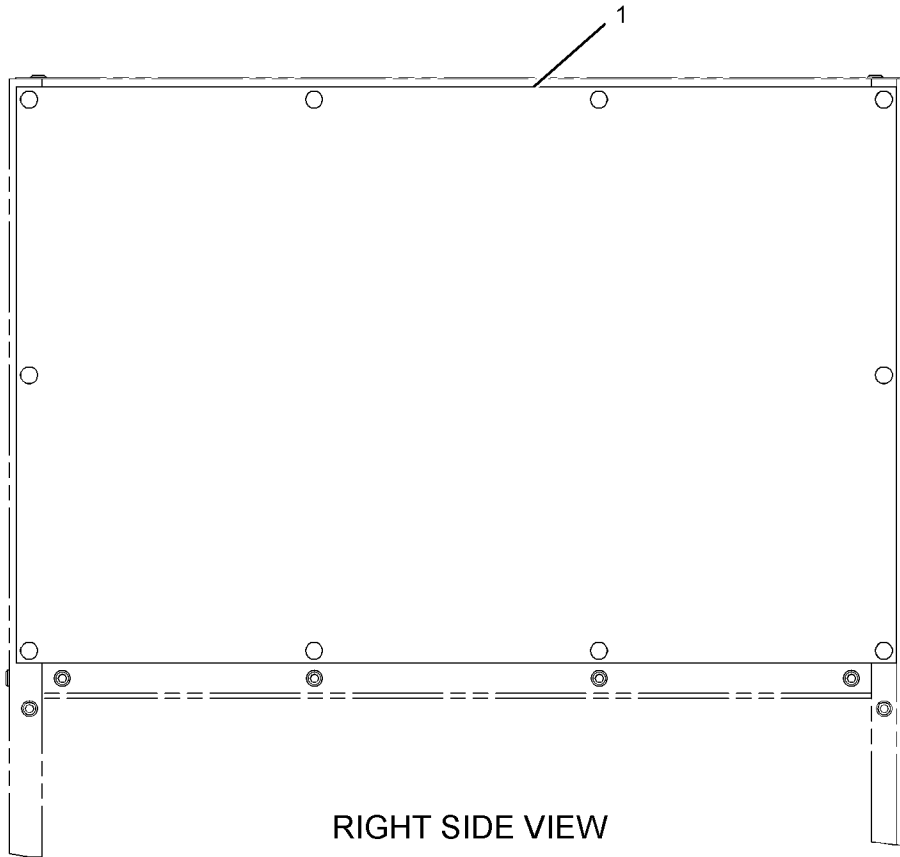
S/N: WYB1-UP
AN ATTACHMENT

SMCS-4460

i02344445

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	245-0071	1	COVER AS						
		1	242-8841	1	PLATE-COVER						
J		1	244-9631		SEAL (10-DM)						
J		1	244-9631		SEAL (14-DM)						

J-ORDER BY DECIMETER



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g01171285

ENCLOSURES, GUARDS AND BASES

245-0006 COVER GP-GENERATOR

S/N: WYB1-UP
1800-FRAME
AN ATTACHMENT

SMCS-7274

i02403176

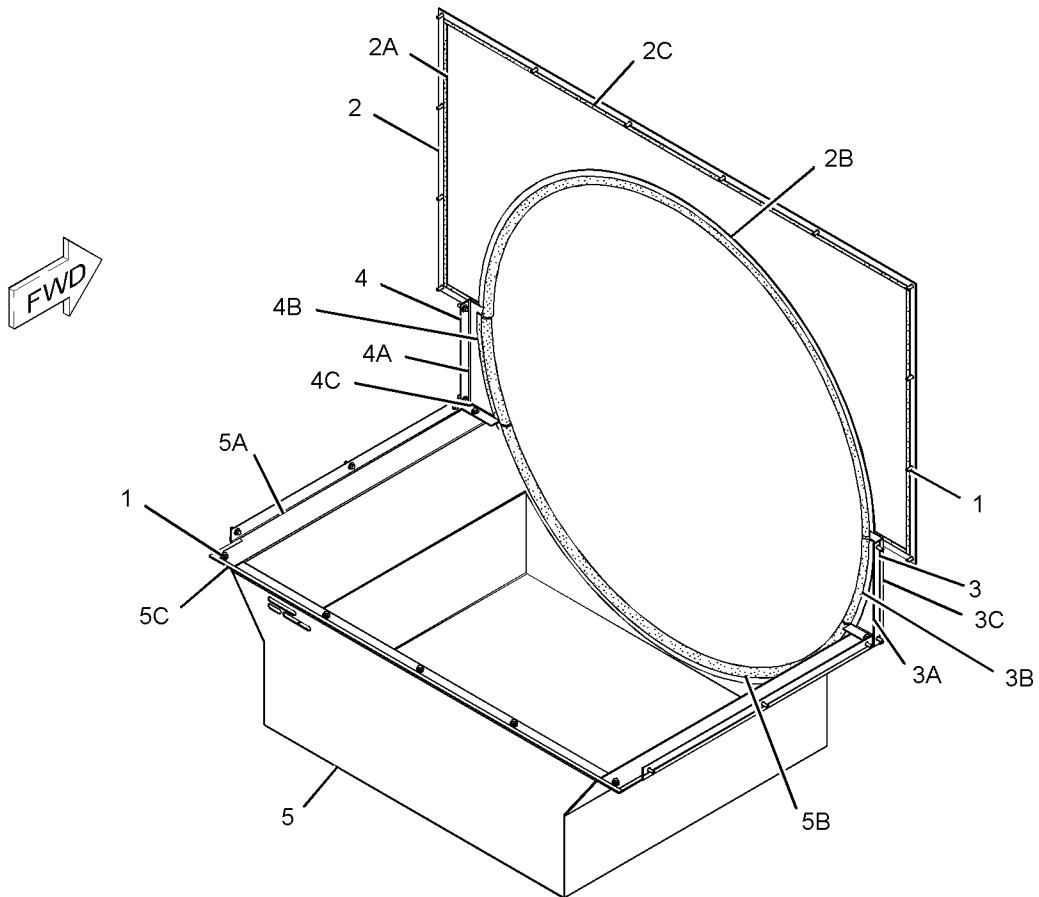
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	235-4451	29	BOLT-FLANGE HEAD (M6X1X16-MM)						
	2	1	245-0053	1	COVER AS						
	2A	1	243-1899	1	PLATE-COVER						
BE	2B	1	142-6868		SEAL (164-CM)						
BJ	2C	1	244-9631		SEAL (21-DM)						
	3	1	245-0054	1	COVER AS (RH)						
	3A	1	243-1900	1	PLATE-COVER						
BE	3B	1	142-6868		SEAL (30-CM)						
BJ	3C	1	244-9631		SEAL (4-DM)						
	4	1	245-0055	1	COVER AS (LH)						
	4A	1	243-1901	1	PLATE-COVER						
BE	4B	1	142-6868		SEAL (30-CM)						
BJ	4C	1	244-9631		SEAL (4-DM)						
	5	1	245-0056	1	SCREEN GP						
	5A	1	243-1902	1	SCREEN AS						
M		1	3E-4304	7	INSERT-THREADED (M6X1-6H-THD)						
BE	5B	1	142-6868		SEAL (125-CM)						
BJ	5C	1	244-9631		SEAL (19-DM)						

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

ENCLOSURES, GUARDS AND BASES

245-0006 COVER GP-GENERATOR (contd.)

i02403176



GRAPHIC #1

<END>

g01200382

ENCLOSURES, GUARDS AND BASES

245-0007 COVER GP-GENERATOR-SIDE

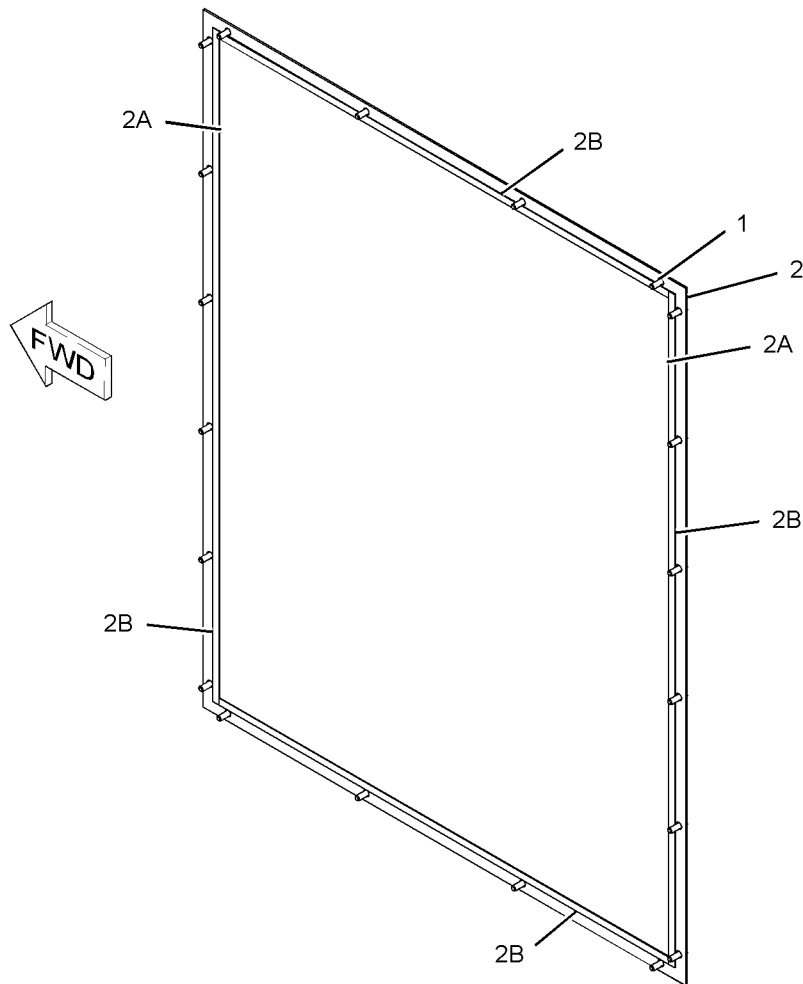
S/N: WYB1-UP
AN ATTACHMENT

SMCS-7274

i02317510

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	235-4451	20	BOLT-FLANGE HEAD (M6X1X16-MM)						
	2	1	245-0057	1	COVER AS (RH)						
	2A	1	242-8846	1	PLATE-COVER						
BJ	2B	1	244-9631		SEAL						

B - USE AS REQUIRED
J - (NULL)



GRAPHIC #1

<END>

g01140737

ENCLOSURES, GUARDS AND BASES

245-0013 COVER GP-GENERATOR-REAR

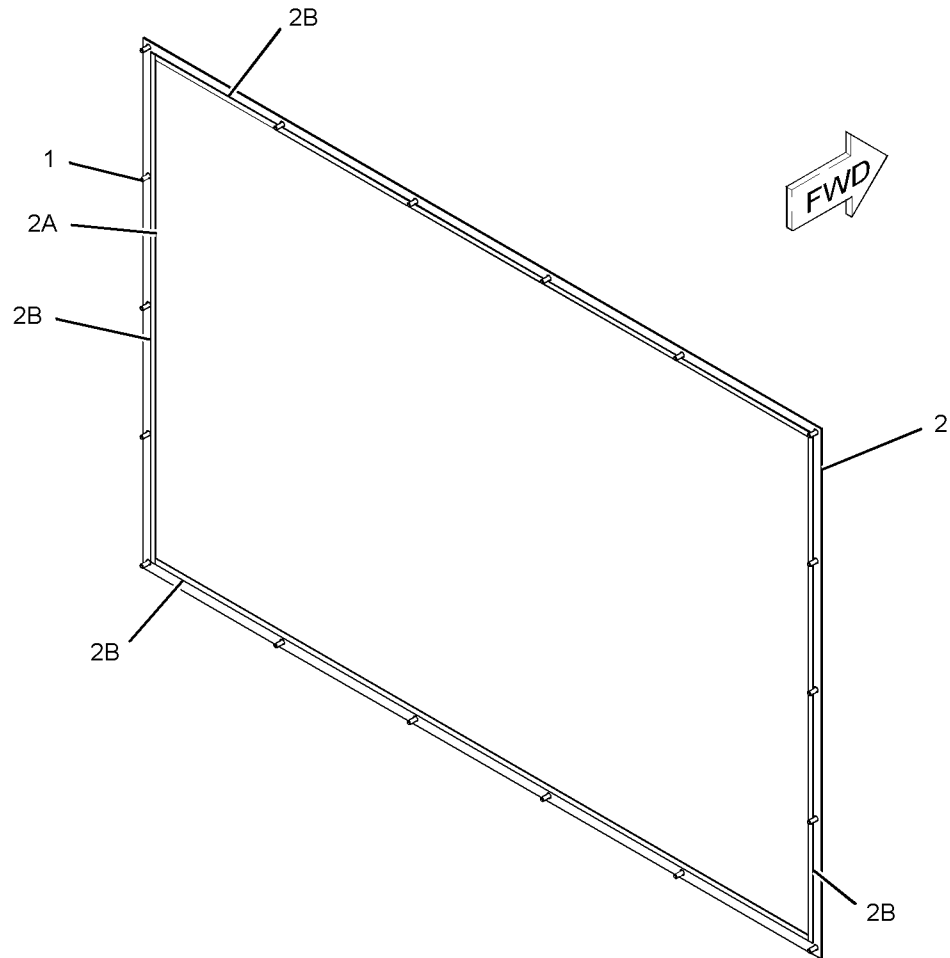
S/N: WYB1-UP
AN ATTACHMENT

SMCS-7274

i02317511

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	235-4451	18	BOLT-FLANGE HEAD (M6X1X16-MM)						
	2	1	245-0075	1	COVER AS (REAR)						
	2A	1	242-8845	1	PLATE-COVER						
BJ	2B	1	244-9631		SEAL						

B-USE AS REQUIRED
J-ORDER BY THE DECIMETER



GRAPHIC #1

<END>

g01140751

ENCLOSURES, GUARDS AND BASES

253-3500 COVER GP-GENERATOR

S/N: G2E1-UP; G2F1-UP; G2G1-UP

PART OF 252-3891, 252-3893, 252-3895, 252-3897, 252-3899, 252-3901,
252-3903, 252-3905, 252-3907, 252-3909, 252-3913, 252-3971, 252-3973,
252-3975, 252-4073, 252-4075, 252-4077, 252-4079, 252-4185, 252-4187,
252-4189, 252-4191, 252-4193, 252-4195, 252-4197, 252-4199, 252-4201,
252-4203, 252-4205, 252-4207 GENERATOR GP

SMCS-7274

i02401226

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
M	8T-6870	10	BOLT (M8X1.25X70-MM)						
	253-3501	1	COVER-DRIP						
	7E-4475	10	TUBE-SPACER (8.3X11.9X50.8-MM THK)						
	8T-4224	10	WASHER-HARD (8.8X16X2-MM THK)						

M-METRIC PART

<END>

ENCLOSURES, GUARDS AND BASES

263-6569 MOUNTING GP-BRACKET

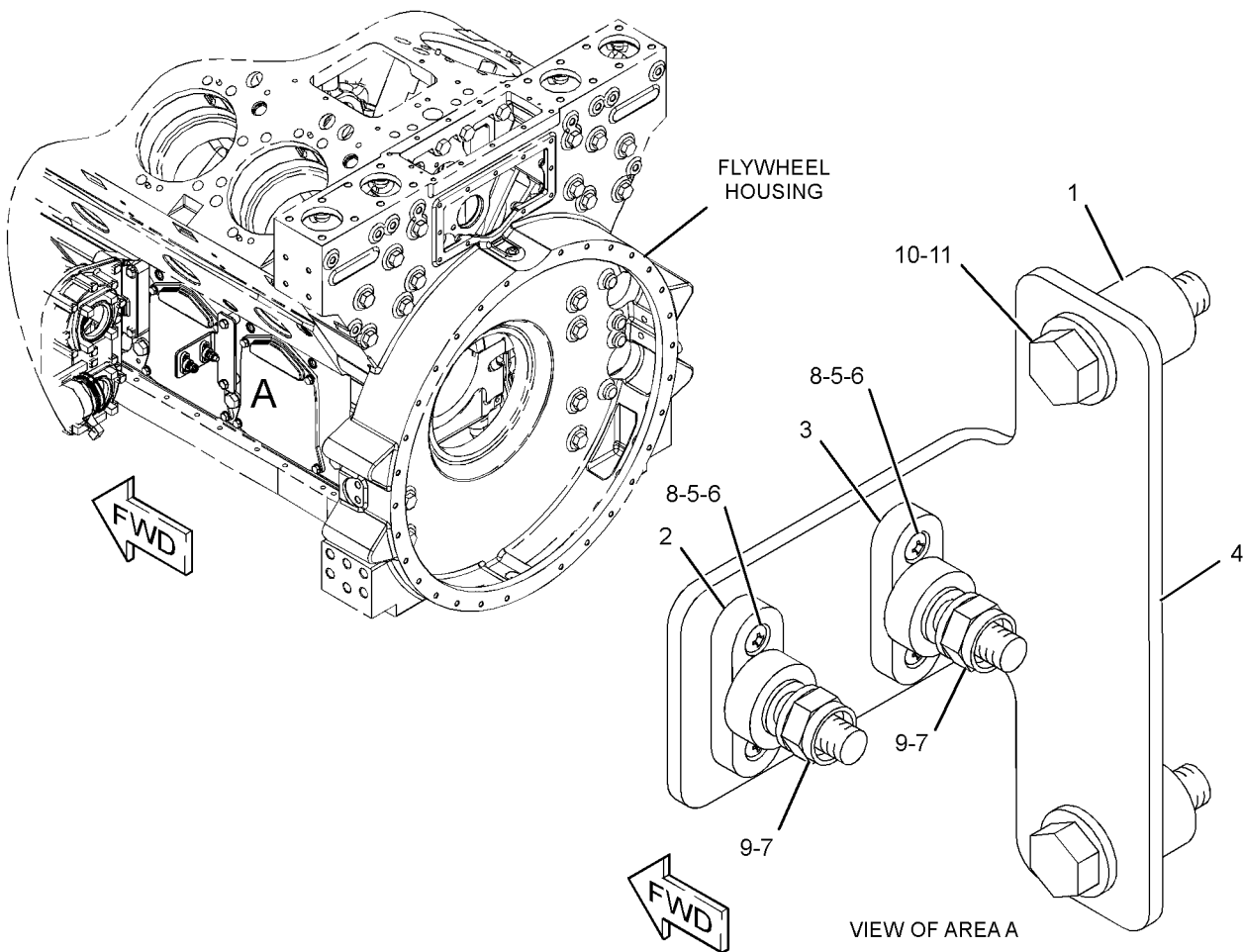
S/N: WYB1-UP
AN ATTACHMENT

SMCS-7060

i02441248

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5V-9221	2	SPACER (13.8X25X25-MM THK)						
	2	1	263-6556	1	STUD						
	3	1	263-6557	1	STUD						
	4	1	263-6570	1	BRACKET						
	5	1	3B-4501	8	LOCKWASHER						
M	6	1	5C-8312	4	NUT (M4X0.7-THD)						
	7	1	5M-2894	2	WASHER-HARD (10.2X18.5X2.5-MM THK)						
M	8	1	6V-9672	4	SCREW-MACHINE (M4X0.7X16-MM)						
M	9	1	8T-0389	2	LOCKNUT (M10X1.15-THD)						
M	10	1	8T-4184	2	BOLT (M12X1.75X45-MM)						
	11	1	8T-4223	2	WASHER-HARD (13.5X25.5X3-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01222441

ENCLOSURES, GUARDS AND BASES

259-2503 MOUNTING GP-VIBRATION ISOLATOR

S/N: WYB1-UP

PART OF 256-3169, 256-3178 MOUNTING GP-ENGINE FLEXIBLE
AN ATTACHMENT

SMCS-1021, 7002

i02387363

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
M	168-7790	1	BOLT (M20X2.5X130-MM)						
	259-2174	1	MOUNT-ISOLATION						
M	8T-4131	1	NUT (M20X2.5-THD)						
	177-1452	1	WASHER-HARD (22X60X6-MM THK)						

M-METRIC PART

<END>

ENCLOSURES, GUARDS AND BASES

259-9171 MOUNTING GP-VIBRATION ISOLATOR

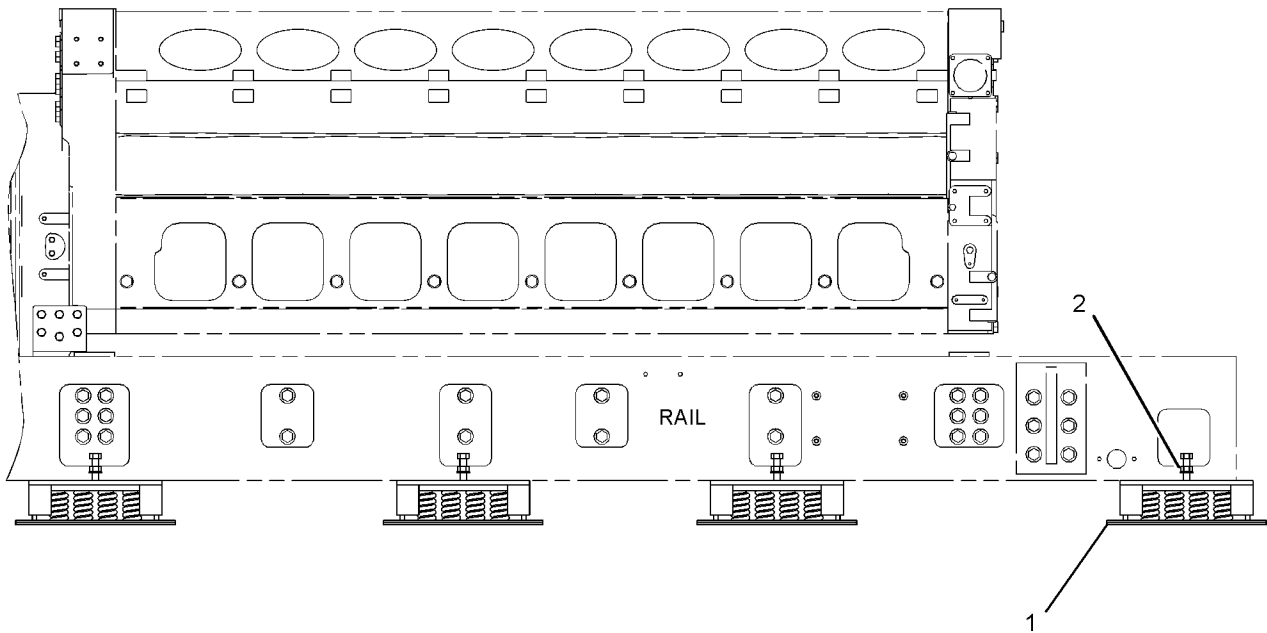
S/N: WYB1-UP

FOR USE WITH 1800-SERIES, REMOTE MOUNTED RADIATOR
AN ATTACHMENT

SMCS-1021, 7002

i02451077

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	178-5048	12	ISOLATOR AS						
	2	1	8T-4994	12	WASHER-HARD (20X36.5X3.5-MM THK)						



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g01225520

ENCLOSURES, GUARDS AND BASES

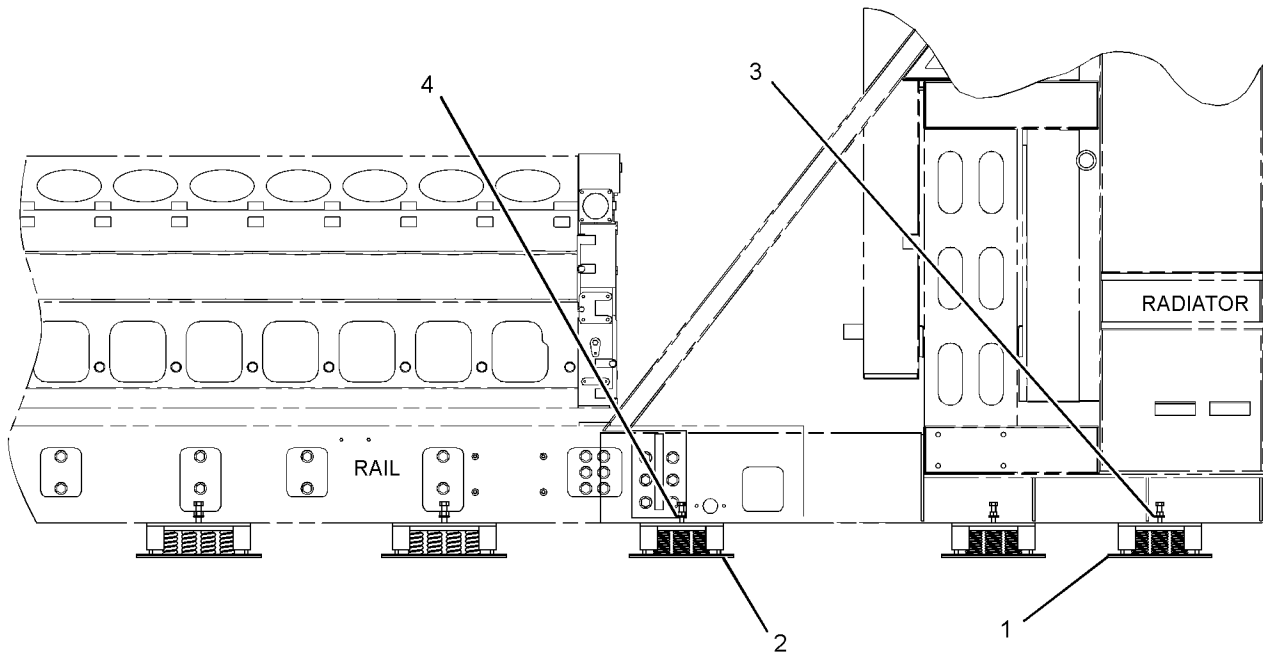
259-9173 MOUNTING GP-VIBRATION ISOLATOR

S/N: WYB1-UP
FOR USE WITH 1800-SERIES
AN ATTACHMENT

SMCS-1021, 7002

i02451080

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	153-3864	6	MOUNT AS						
	2	1	178-5048	10	ISOLATOR AS						
	3	1	7X-0515	6	WASHER-HARD (17X35X5-MM THK)						
	4	1	8T-4994	10	WASHER-HARD (20X36.5X3.5-MM THK)						



GRAPHIC #1

<END>

g01225513

ENCLOSURES, GUARDS AND BASES

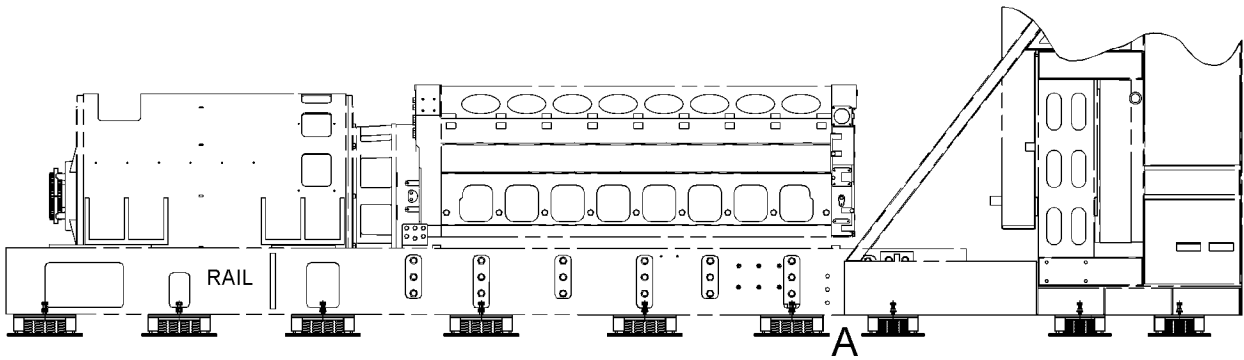
259-9174 MOUNTING GP-VIBRATION ISOLATOR

S/N: WYB1-UP
FOR USE WITH 3000-SERIES
AN ATTACHMENT

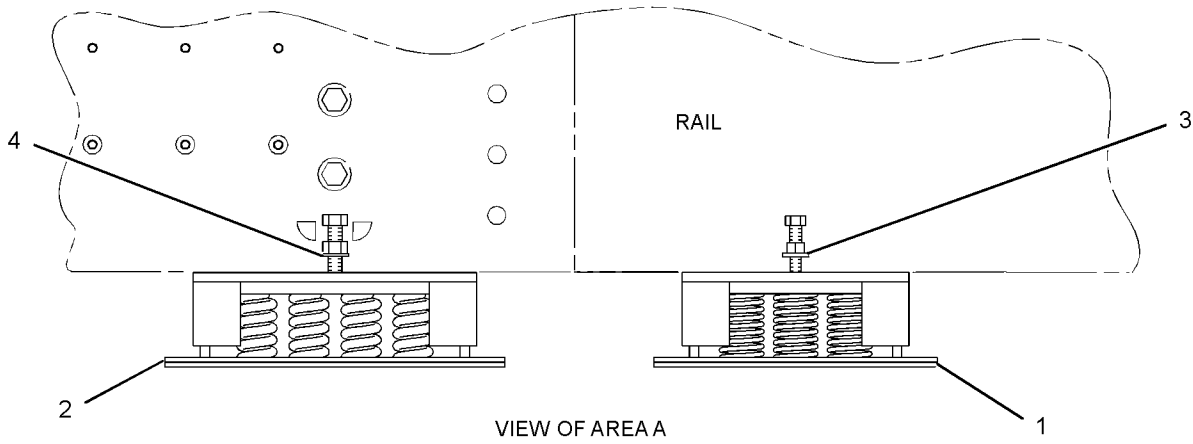
SMCS-1021, 7002

i02451083

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	153-3864	6	MOUNT AS						
	2	1	178-5048	12	ISOLATOR AS						
	3	1	7X-0515	6	WASHER-HARD (17X35X5-MM THK)						
	4	1	8T-4994	12	WASHER-HARD (20X36.5X3.5-MM THK)						



RIGHT SIDE VIEW



VIEW OF AREA A

GRAPHIC #1

<END>

g01225530

ENCLOSURES, GUARDS AND BASES

247-4895 RAIL GP-ENGINE SUPPORT

S/N: WYB1-UP

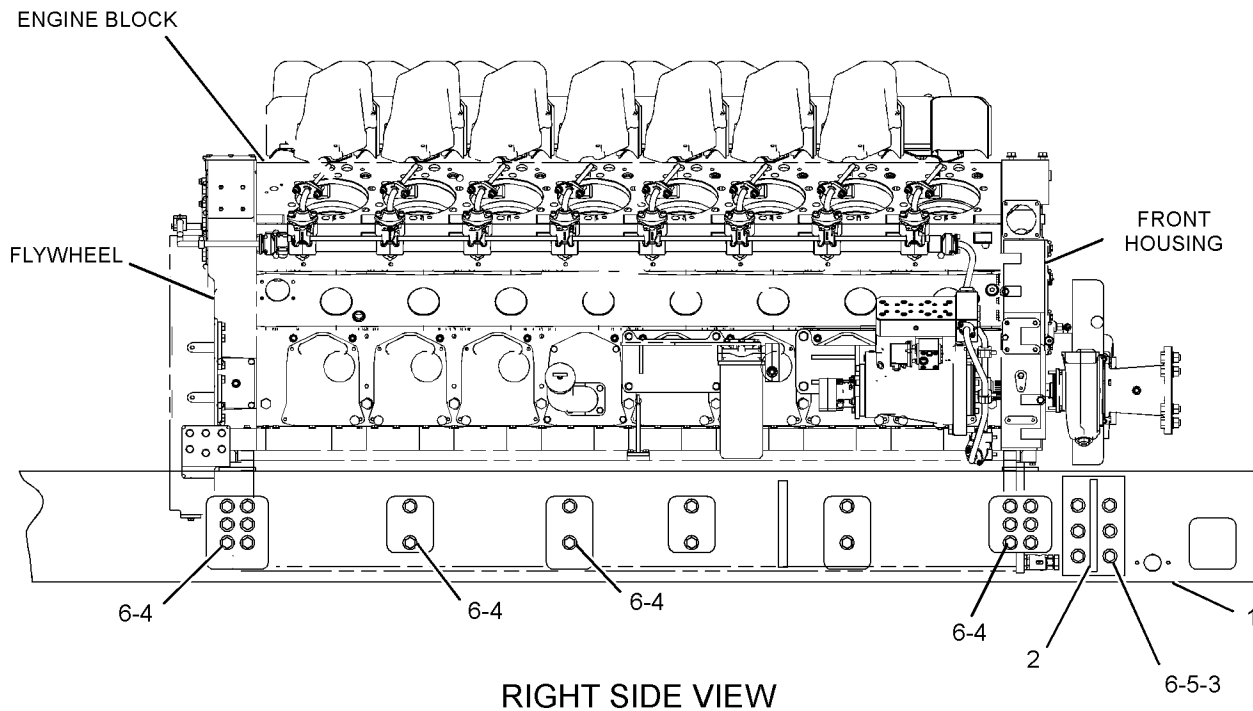
FOR USE WITH 1800-FRAME GENERATOR
AN ATTACHMENT

SMCS-7060

i02443608

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	247-4894	1	RAIL AS						
	2	1	284-5703	2	LIFT AS						
M	3	1	7X-2563	12	BOLT (M20X2.5X60-MM)						
M	4	1	7X-2564	40	BOLT (M20X2.5X90-MM)						
M	5	1	8T-4131	12	NUT (M20X2.5-THD)						
	6	1	8T-5439	64	WASHER (21.5X45X6-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01220967

ENCLOSURES, GUARDS AND BASES

247-4900 RAIL GP-ENGINE SUPPORT

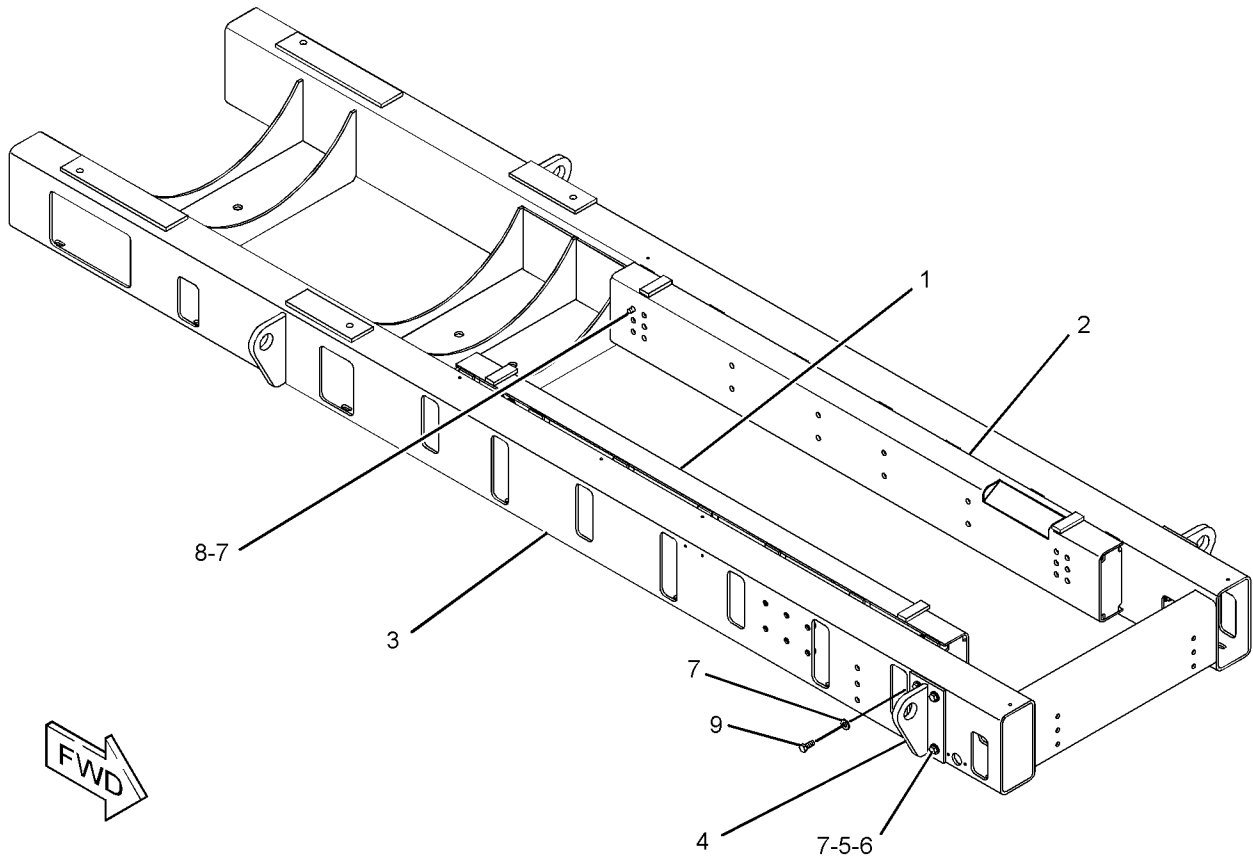
S/N: WYB1-UP
3000-FRAME
AN ATTACHMENT

SMCS-7060

i02428397

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	247-4898	1	RAIL AS						
	2	1	247-4899	1	RAIL AS						
	3	1	247-4901	1	RAIL AS						
	4	1	284-2960	2	LIFT AS						
M	5	1	7X-2563	12	BOLT (M20X2.5X60-MM)						
M	6	1	8T-4131	12	NUT (M20X2.5-THD)						
	7	1	8T-5439	106	WASHER (21.5X45X6-MM THK)						
M	8	1	8T-5460	40	BOLT (M20X2.5X40-MM)						
M	9	1	8T-6430	42	BOLT (M20X2.5X50-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01225032

GENERATORS

253-3514 ADAPTER GP-GENERATOR COUPLING

S/N: G2E1-UP; G2F1-UP; G2G1-UP

PART OF 252-3891, 252-3893, 252-3895, 252-3897, 252-3899, 252-3901, 252-3903, 252-3905, 252-3907, 252-3909, 252-3913, 252-3971, 252-3973, 252-3975, 252-4073, 252-4075, 252-4077, 252-4079, 252-4185, 252-4187, 252-4189, 252-4191, 252-4193, 252-4195, 252-4197, 252-4199, 252-4201, 252-4203, 252-4205, 252-4207 GENERATOR GP

SMCS-4456

i02403354

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	253-3515	1	ADAPTER AS						
M	172-9966	16	BOLT (M12X1.75X65-MM)						
	8T-4223	16	WASHER-HARD (13.5X25.5X3-MM THK)						
M-METRIC PART									
<END>									

253-3510 BRACKET GP-MOUNTING

S/N: G2E1-UP; G2F1-UP; G2G1-UP

PART OF 252-3891, 252-3893, 252-3895, 252-3897, 252-3899, 252-3901, 252-3903, 252-3905, 252-3907, 252-3909, 252-3913, 252-3971, 252-3973, 252-3975, 252-4073, 252-4075, 252-4077, 252-4079, 252-4185, 252-4187, 252-4189, 252-4191, 252-4193, 252-4195, 252-4197, 252-4199, 252-4201, 252-4203, 252-4205, 252-4207 GENERATOR GP

SMCS-4459, 5258

i02405884

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
M	8T-0348	8	BOLT-SOCKET HEAD (M16X2X50-MM)						
	253-3511	1	BRACKET AS-HOUSING						
	152-5338	1	RETAINER-BAR						
	8T-4122	8	WASHER-HARD (17X32X3.5-MM THK)						
M-METRIC PART									
<END>									

253-3512 BRACKET GP-MOUNTING

S/N: G2E1-UP; G2F1-UP; G2G1-UP

PART OF 252-3891, 252-3893, 252-3895, 252-3897, 252-3899, 252-3901, 252-3903, 252-3905, 252-3907, 252-3909, 252-3913, 252-3971, 252-3973, 252-3975, 252-4073, 252-4075, 252-4077, 252-4079, 252-4185, 252-4187, 252-4189, 252-4191, 252-4193, 252-4195, 252-4197, 252-4199, 252-4201, 252-4203, 252-4205, 252-4207 GENERATOR GP

SMCS-4459, 5258

i02403469

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
M	8T-0348	16	BOLT-SOCKET HEAD (M16X2X50-MM)						
	253-3533	1	BRACKET AS-HOUSING						
	152-5338	1	RETAINER-BAR						
	8T-4122	16	WASHER-HARD (17X32X3.5-MM THK)						
M-METRIC PART									
<END>									

GENERATORS

263-1745 CONNECTION GP-TERMINAL STRIP

S/N: WYB1-UP

FOR USE WITH COMMON ENGINE INTERFACE
AN ATTACHMENT

SMCS-4460

i02423011

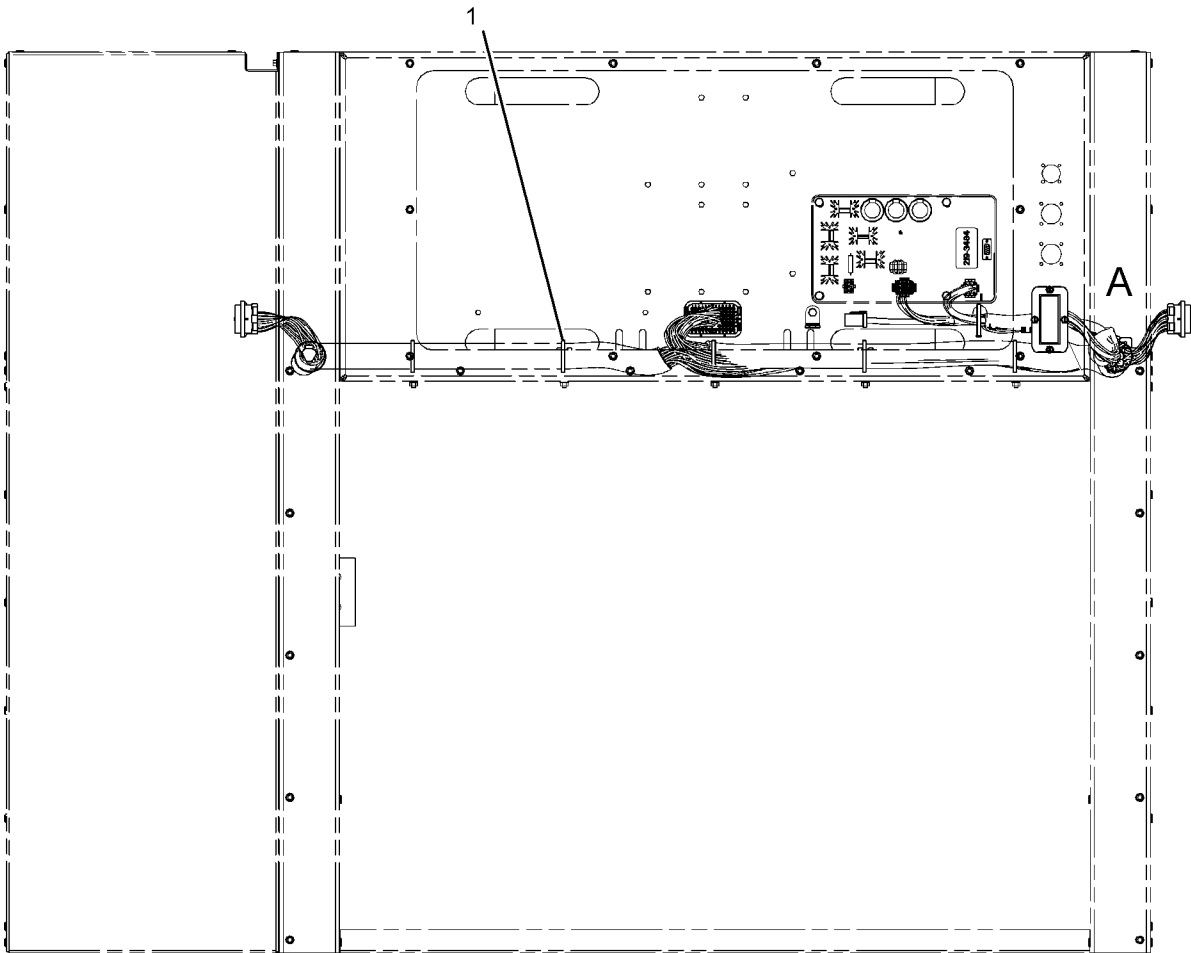
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
B	1	1	9X-6772	12	STRAP-CABLE						
	2	1	263-1737	1	HARNESS AS-CONTROL						
B		1	246-7015	1	SEAL (12-POSITION)						
		1	7K-1181	7	STRAP-CABLE						
E		1	9X-1343	1	RECEPTACLE AS-CONNECTOR (40-PIN)						
		1	125-7874		TUBE-HEAT SHRINK (5.72-MM DIA) (535-CM)						
		1	134-2540	1	RECEPTACLE AS-CONNECTOR (3-PIN)						
		1	155-2270	1	KIT-CONNECTING PLUG (2-PIN) (INCLUDES PLUG AS. AND WEDGE)						
		1	155-2274	1	KIT-CONNECTING PLUG (6-PIN) (INCLUDES PLUG AS. AND WEDGE)						
		1	155-2260	1	KIT-CONNECTING PLUG (3-PIN) (INCLUDES PLUG AS. AND WEDGE)						
		1	174-0503	1	KIT-CONNECTING PLUG (3-PIN) (INCLUDES PLUG AS. AND WEDGE)						
		1	160-7689	3	PLUG AS-CONNECTOR (70-PIN) (EACH INCLUDES)						
		1	159-9322	1	SEAL-O-RING						
		1	246-7014	1	SEAL (9-POSITION)						
	3	1	3K-8106	4	SCREW-MACHINE (8-32X1-IN)						
	4	1	4B-2043	4	NUT (8-32-THD)						
	5	1	4B-4863	8	WASHER (4.7X11X1.2-MM THK)						

B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER

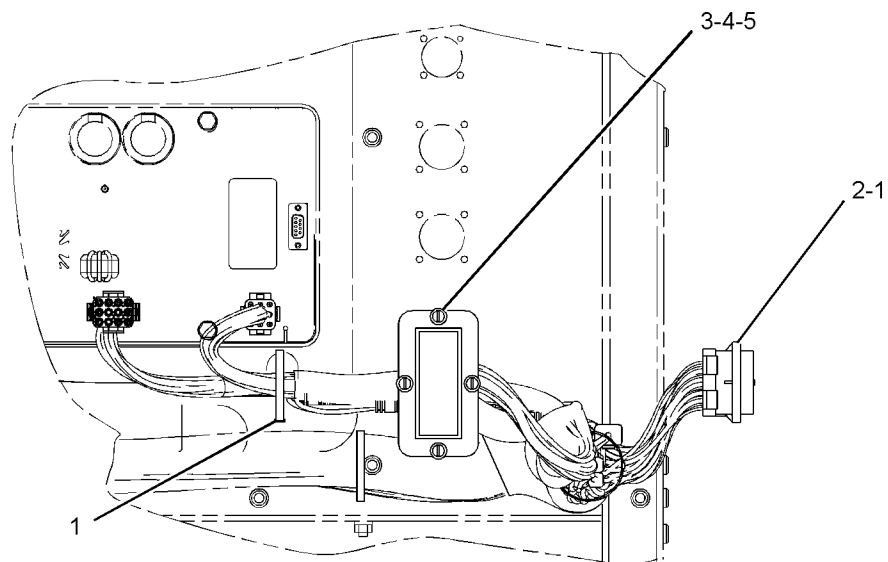
GENERATORS

263-1745 CONNECTION GP-TERMINAL STRIP (contd.)

i02423011



REAR VIEW



VIEW OF AREA A

<END>

GRAPHIC #1

g01229473

GENERATORS

279-6763 CONVERSION GP-GENERATOR-EXCITER
CONVERTS INTERNAL EXCITED TO PERMANENT MAGNET
FOR USE WITH 1800-FRAME
AN ATTACHMENT

SMCS-4450

i02442699

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

GENERATORS

259-9108 COUPLING GP-GENERATOR DRIVE

S/N: WYB1-UP
 72-SHORE HARDNESS
 FOR USE WITH 18000-SERIES
 AN ATTACHMENT

SMCS-4456

i02444448

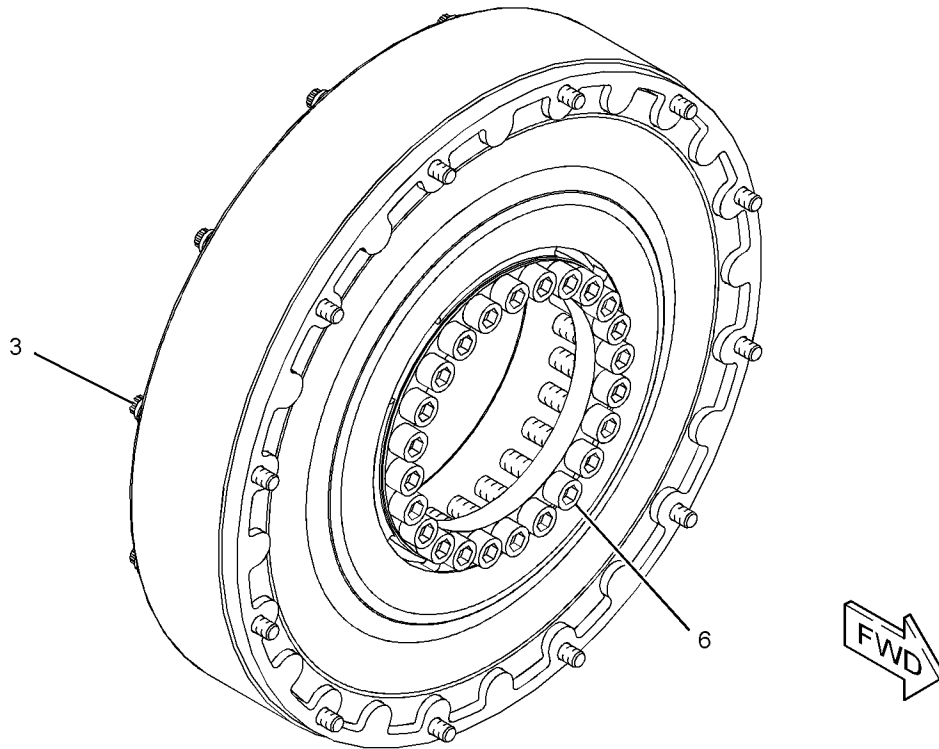
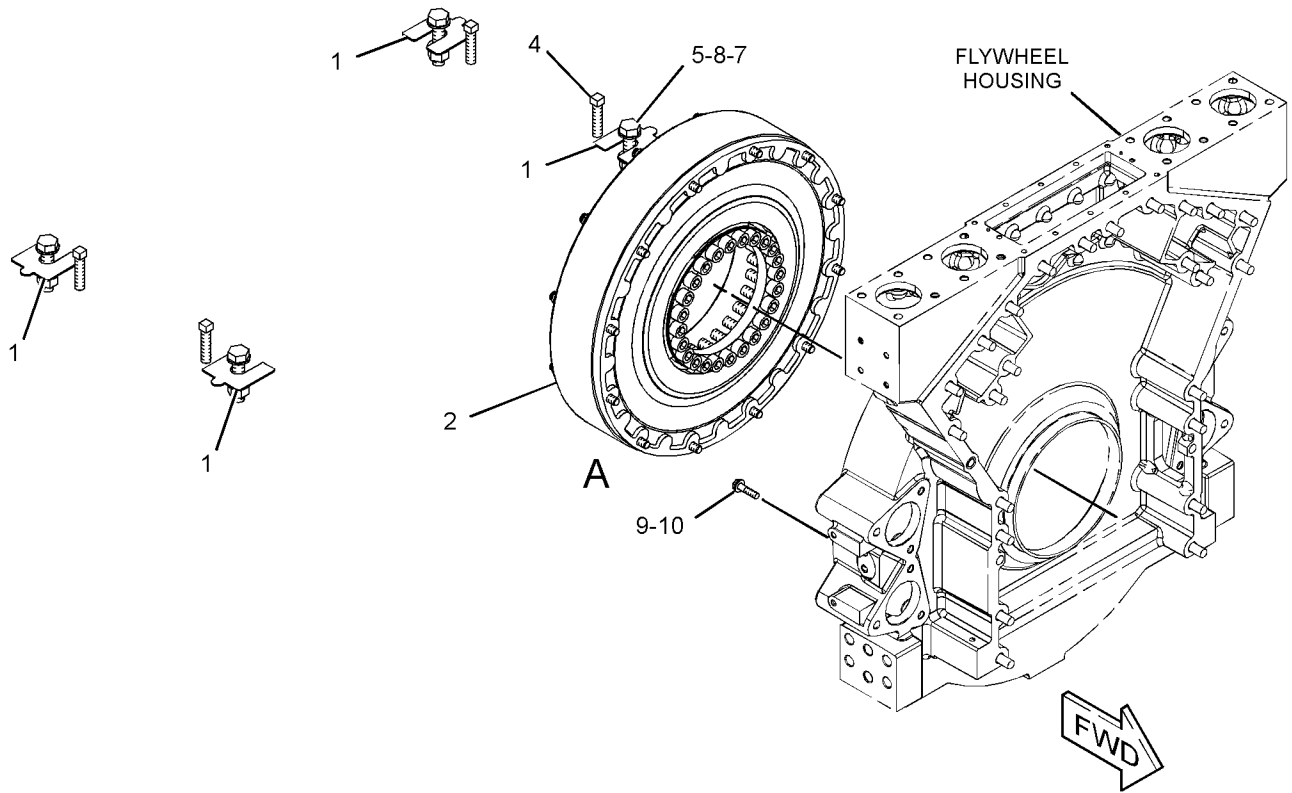
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
BY	1	1	137-8533	4	SHIM GP-GENERATOR (INCLUDES 13-SHIMS)						614
Y	2	1	243-1520	1	COUPLING GP-FLEXIBLE						8
	3	1	259-7012	12	BOLT-12 POINT HEAD (M16X2X160-MM)						
	4	1	260-0217	4	SETSCREW (M24X2-THD)						
M	5	1	7X-2489	4	BOLT (M24X3X100-MM)						
M	6	1	7Y-5241	24	BOLT-SOCKET HEAD (M20X2.5X60-MM)						
M	7	1	8T-4001	4	NUT (M24X3-THD)						
	8	1	8T-4167	8	WASHER-HARD (26X44X4-MM THK)						
M	9	1	8T-4194	16	BOLT (M12X1.75X50-MM)						
	10	1	8T-4223	16	WASHER-HARD (13.5X25.5X3-MM THK)						

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

GENERATORS

259-9108 COUPLING GP-GENERATOR DRIVE (contd.)

i02444448



VIEW OF AREA A

GRAPHIC #1

<END>

g01228491

GENERATORS

253-3516 EXCITER GP

S/N: G2E1-UP; G2F1-UP; G2G1-UP

PART OF 252-3891, 252-3893, 252-3895, 252-3897, 252-3899, 252-3901, 252-3903, 252-3905, 252-3907, 252-3909, 252-3913, 252-3971, 252-3973, 252-3975, 252-4073, 252-4075, 252-4077, 252-4079, 252-4185, 252-4187, 252-4189, 252-4191, 252-4193, 252-4195, 252-4197, 252-4199, 252-4201, 252-4203, 252-4205, 252-4207 GENERATOR GP

SMCS-4454, 4470

i02406226

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	7X-0279	4	BOLT (5/16-18X4.75-IN)						
	253-3520	1	KEY (EXCITER)						
	253-3519	1	ROTOR-EXCITER						
	253-3517	1	STATOR-EXCITER						
	8T-4224	4	WASHER-HARD (8.8X16X2-MM THK)						
<END>									

253-3521 EXCITER GP

S/N: G2E1-UP; G2F1-UP; G2G1-UP

PART OF 252-3895, 252-3897, 252-3903, 252-3905, 252-3913, 252-3971, 252-3973, 252-3975, 252-4077, 252-4079, 252-4189, 252-4191, 252-4197, 252-4199, 252-4205, 252-4207 GENERATOR GP

SMCS-4454, 4470

i02406234

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	4M-5282	4	BOLT (1/4-20X1.5-IN)						
	8T-9378	4	BOLT (3/8-16X4-IN)						
	253-3523	1	KEY (EXCITER)						
	253-3522	1	RING						
	108-5749	1	ROTOR AS-MAGNETIC						
	253-3525	1	STATOR AS						
	8T-4205	4	WASHER-HARD (7.2X14.5X2-MM THK)						
	8T-4896	4	WASHER-HARD (10.2X18.5X2.5-MM THK)						
<END>									

GENERATORS

252-3892 GENERATOR AR

S/N: G2E1-UP

50/60-HERTZ, 480-VOLT

SMCS-4450

i02413329

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-3891	1	GENERATOR GP						587
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-3894 GENERATOR AR

S/N: G2E1-UP

50/60-HERTZ, 480-VOLT

SMCS-4450

i02413331

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-3893	1	GENERATOR GP						587
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-3896 GENERATOR AR

S/N: G2E1-UP

50/60-HERTZ, 480-VOLT

SMCS-4450

i02413332

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-3895	1	GENERATOR GP						588
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX,CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-3898 GENERATOR AR

S/N: G2E1-UP

50/60-HERTZ, 480-VOLT

SMCS-4450

i02399420

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-3897	1	GENERATOR GP						588
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-3900 GENERATOR AR

S/N: G2F1-UP

50/60-HERTZ, 480-VOLT

SMCS-4450

i02444432

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-3899	1	GENERATOR GP						589
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-3902 GENERATOR AR

S/N: G2F1-UP

50/60-HERTZ, 480-VOLT

SMCS-4450

i02413334

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-3901	1	GENERATOR GP						589
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-3904 GENERATOR AR

S/N: G2F1-UP

50/60-HERTZ, 480-VOLT

SMCS-4450

i02413335

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-3903	1	GENERATOR GP						590
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-3906 GENERATOR AR

S/N: G2F1-UP

50/60-HERTZ, 480-VOLT

SMCS-4450

i02413339

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-3905	1	GENERATOR GP						590
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-3908 GENERATOR AR

S/N: G2G1-UP

50/60-HERTZ, 480-VOLT

SMCS-4450

i02413336

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-3907	1	GENERATOR GP						591
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX,CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						
Y-SEPARATE ILLUSTRATION									
<END>									

GENERATORS

252-3910 GENERATOR AR

S/N: G2G1-UP

50/60-HZ, 480-VOLT

SMCS-4450

i02413338

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-3909	1	GENERATOR GP						591
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-3914 GENERATOR AR

S/N: G2G1-UP

50/60-HERTZ, 480-VOLT

SMCS-4450

i02413342

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-3913	1	GENERATOR GP						592
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						
Y-SEPARATE ILLUSTRATION									

<END>

GENERATORS

252-3972 GENERATOR AR

S/N: G2E1-UP

50/60-HERTZ, 4160-VOLT

SMCS-4450

i02441476

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-3971	1	GENERATOR GP						592
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-3974 GENERATOR AR

S/N: G2F1-UP

50/60-HERTZ, 4160-VOLT

SMCS-4450

i02441477

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-3973	1	GENERATOR GP						593
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-3976 GENERATOR AR

S/N: G2G1-UP

50/60-HERTZ, 4160-VOLT

SMCS-4450

i02441484

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-3975	1	GENERATOR GP						593
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-4074 GENERATOR AR

S/N: G2E1-UP
60-HERTZ, 380-VOLT

SMCS-4450

i02442190

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-4073	1	GENERATOR GP						594
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						
Y-SEPARATE ILLUSTRATION									
<END>									

GENERATORS

252-4076 GENERATOR AR

S/N: G2E1-UP

60-HERTZ, 380-VOLT

SMCS-4450

i02442202

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-4075	1	GENERATOR GP						594
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-4078 GENERATOR AR

S/N: G2E1-UP

60-HERTZ, 380-VOLT

SMCS-4450

i02442215

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-4077	1	GENERATOR GP						595
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						
Y-SEPARATE ILLUSTRATION									
<END>									

GENERATORS

252-4080 GENERATOR AR

S/N: G2E1-UP

60-HERTZ, 380-VOLT

SMCS-4450

i02442220

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-4079	1	GENERATOR GP						595
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-4082 GENERATOR AR

S/N: G2F1-UP

60-HERTZ, 380-VOLT

SMCS-4450

i02441486

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-4081	1	GENERATOR GP						596
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-4084 GENERATOR AR

S/N: G2F1-UP

60-HERTZ, 380-VOLT

SMCS-4450

i02441487

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-4083	1	GENERATOR GP						596
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-4086 GENERATOR AR

S/N: G2F1-UP

60-HERTZ, 380-VOLT

SMCS-4450

i02441488

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-4085	1	GENERATOR GP						596
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX,CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-4088 GENERATOR AR

S/N: G2F1-UP

60-HERTZ, 380-VOLT

SMCS-4450

i02441489

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-4087	1	GENERATOR GP						597
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-4090 GENERATOR AR

S/N: G2G1-UP
60-HERTZ, 380-VOLT

SMCS-4450

i02441490

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-4089	1	GENERATOR GP						597
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX,CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-4092 GENERATOR AR

S/N: G2G1-UP

60-HERTZ, 380-VOLT

SMCS-4450

i02441491

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-4091	1	GENERATOR GP						597
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-4094 GENERATOR AR

S/N: G2G1-UP
60-HERTZ, 380-VOLT

SMCS-4450

i02441492

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-4093	1	GENERATOR GP						598
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						
Y-SEPARATE ILLUSTRATION									
<END>									

GENERATORS

252-4096 GENERATOR AR

S/N: G2G1-UP

60-HERTZ, 380-VOLT

SMCS-4450

i02441493

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-4095	1	GENERATOR GP						598
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-4186 GENERATOR AR

S/N: G2E1-UP

60-HERTZ, 600-VOLT

SMCS-4450

i02441495

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-4185	1	GENERATOR GP						598
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-4188 GENERATOR AR

S/N: G2E1-UP

60-HERTZ, 600-VOLT

SMCS-4450

i02441496

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-4187	1	GENERATOR GP						599
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-4190 GENERATOR AR

S/N: G2E1-UP

60-HERTZ, 600-VOLT

SMCS-4450

i02441497

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-4189	1	GENERATOR GP						599
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						
Y-SEPARATE ILLUSTRATION									

<END>

GENERATORS

252-4192 GENERATOR AR

S/N: G2E1-UP

60-HERTZ, 600-VOLT

SMCS-4450

i02441499

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-4191	1	GENERATOR GP						600
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-4194 GENERATOR AR

S/N: G2F1-UP

60-HERTZ, 600-VOLT

SMCS-4450

i02441501

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-4193	1	GENERATOR GP						600
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-4196 GENERATOR AR

S/N: G2F1-UP

60-HERTZ, 600-VOLT

SMCS-4450

i02441506

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-4195	1	GENERATOR GP						601
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-4198 GENERATOR AR

S/N: G2F1-UP
60-HERTZ, 600-VOLT

SMCS-4450

i02441509

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-4197	1	GENERATOR GP						601
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-4200 GENERATOR AR

S/N: G2F1-UP

60-HERTZ, 600-VOLT

SMCS-4450

i02441513

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-4199	1	GENERATOR GP						602
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-4202 GENERATOR AR

S/N: G2G1-UP

60-HERTZ, 600-VOLT

SMCS-4450

i02441517

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-4201	1	GENERATOR GP						602
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						
Y-SEPARATE ILLUSTRATION									

<END>

GENERATORS

252-4204 GENERATOR AR

S/N: G2G1-UP

60-HERTZ, 600-VOLT

SMCS-4450

i02441522

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-4203	1	GENERATOR GP						603
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-4206 GENERATOR AR

S/N: G2G1-UP

60-HERTZ, 600-VOLT

SMCS-4450

i02441525

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-4205	1	GENERATOR GP						603
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-4208 GENERATOR AR

S/N: G2G1-UP

60-HERTZ, 600-VOLT

SMCS-4450

i02441527

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	252-4207	1	GENERATOR GP						604
	228-4798	1	FILM-GROUND (EARTH) NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT.						
	224-7684	3	FILM-IDENTIFICATION (CAT) ONE FILM ON THE RH, LH, AND THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE LOWER PANEL. IF THE TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM BELOW BREAKER COVER.						
	3N-8591	4	FILM-INFORMATION (DO NOT LIFT) ONE ON EACH LIFTING EYE COVER ASSEMBLY.						
	229-5047	3	FILM-WARNING (SHOCK HAZARD, READ OMM) ONE FILM ON THE RH, LH, AND REAR OF THE GENERATOR TERMINAL BOX, CENTERED BELOW THE 224-7684 CAT DECAL. IF TERMINAL BOX HAS CIRCUIT BREAKERS, MOVE FILM TO TOP OF THE LOWER ACCESS PANEL, CENTERED FROM LEFT TO RIGHT.						
	225-3224	3	FILM-WARNING (AUTOMATIC ENGINE START) ONE FILM ON THE RH, LH, AND REAR OF GENERATOR TERMINAL BOX, DIRECTLY BELOW THE ELECTROCUTION HAZARD FILM.						
	225-3232	2	FILM-WARNING (FALLING OBJECT) ONE FILM ON THE RH AND LH SIDE OF GENERATOR TERMINAL BOX. CENTERED FROM LEFT TO RIGHT AT THE BOTTOM OF THE LOWER ACCESS PANEL.						
	225-3227	2	FILM-WARNING (HOT SURFACE) ONE FILM ON EACH SIDE DIRECTLY ON THE GENERATOR, NOT ON BARREL COVER.						
	228-3581	1	FILM-WARNING (READ OMM) UNDER CONTROL PANEL E-STOP, ON CONTROL PANEL MOUNTING PLATE.						
	224-9828	1	FILM-WARNING (SHOCK HAZARD) TO THE RH SIDE OF UNIVERSAL WARNING FILM ON CONTROL PANEL MOUNTING PLATE.						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-3891 GENERATOR GP

S/N: G2E1-UP

50/60-HERTZ, 480-VOLT. 1824-FRAME, 4-POLE, 6-LEAD, 2-BEARING
PART OF 252-3892 GENERATOR AR

SMCS-4450

i02442758

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	253-3514	1	ADAPTER GP-GENERATOR COUPLING						542
Y	253-3510	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3512	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3500	1	COVER GP-GENERATOR (DRIP)						534
Y	253-3516	1	EXCITER GP (POWER)						548
Y	256-4245	1	ROTOR AS-MAIN						613
Y	253-3502	1	SCREEN GP-AIR						614
Y	256-4200	1	STATOR GP (MAIN)						615
	253-3523	1	KEY (EXCITER)						
	206-6219	1	SLEEVE-SHAFT						
	253-3527	1	SLEEVE-SHAFT						

Y-SEPARATE ILLUSTRATION

<END>

252-3893 GENERATOR GP

S/N: G2E1-UP

50/60-HERTZ, 480-VOLT. 1824-FRAME, 4-POLE, 6-LEAD, 2-BEARING
PART OF 252-3894 GENERATOR AR

SMCS-4450

i02442527

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	253-3514	1	ADAPTER GP-GENERATOR COUPLING						542
Y	253-3510	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3512	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3500	1	COVER GP-GENERATOR (DRIP)						534
Y	253-3516	1	EXCITER GP (POWER)						548
Y	256-4245	1	ROTOR AS-MAIN						613
Y	253-3502	1	SCREEN GP-AIR						614
Y	256-4201	1	STATOR GP-MAIN						617
	253-3523	1	KEY (EXCITER)						
	206-6219	1	SLEEVE-SHAFT						
	253-3527	1	SLEEVE-SHAFT						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-3895 GENERATOR GP

S/N: G2E1-UP

50/60-HERTZ, 480-VOLT. 1824-FRAME, 4-POLE, 6-LEAD, 2-BEARING
PART OF 252-3896 GENERATOR AR

SMCS-4450

i02442533

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	253-3514	1	ADAPTER GP-GENERATOR COUPLING						542
Y	253-3510	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3512	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3500	1	COVER GP-GENERATOR (DRIP)						534
Y	253-3521	1	EXCITER GP (PERMANENT MAGNET)						548
Y	253-3516	1	EXCITER GP (POWER)						548
Y	256-4245	1	ROTOR AS-MAIN						613
Y	253-3502	1	SCREEN GP-AIR						614
Y	256-4220	1	STATOR GP (MAIN)						616
	253-3527	1	SLEEVE-SHAFT						

Y-SEPARATE ILLUSTRATION

<END>

252-3897 GENERATOR GP

S/N: G2E1-UP

50/60-HERTZ, 480-VOLT. 1824-FRAME, 4-POLE, 6-LEAD, 2-BEARING
PART OF 252-3898 GENERATOR AR

SMCS-4450

i02443156

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	253-3514	1	ADAPTER GP-GENERATOR COUPLING						542
Y	253-3510	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3512	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3500	1	COVER GP-GENERATOR (DRIP)						534
Y	253-3516	1	EXCITER GP (POWER)						548
Y	253-3521	1	EXCITER GP (PERMANENT MAGNET)						548
Y	256-4245	1	ROTOR AS-MAIN						613
Y	253-3502	1	SCREEN GP-AIR						614
Y	256-4221	1	STATOR GP-MAIN						630
	253-3527	1	SLEEVE-SHAFT						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-3899 GENERATOR GP

S/N: G2F1-UP

50/60-HERTZ, 480-VOLT. 1846-FRAME, 4-POLE, 6-LEAD, 2-BEARING
PART OF 252-3900 GENERATOR AR

SMCS-4450

i02442543

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	253-3514	1	ADAPTER GP-GENERATOR COUPLING						542
Y	253-3510	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3512	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3500	1	COVER GP-GENERATOR (DRIP)						534
Y	253-3516	1	EXCITER GP (POWER)						548
Y	256-4242	1	ROTOR AS-MAIN						611
Y	253-3502	1	SCREEN GP-AIR						614
Y	256-4206	1	STATOR GP-MAIN						622
	253-3523	1	KEY (EXCITER)						
	206-6219	1	SLEEVE-SHAFT						
	253-3527	1	SLEEVE-SHAFT						

Y-SEPARATE ILLUSTRATION

<END>

252-3901 GENERATOR GP

S/N: G2F1-UP

50/60-HERTZ, 480-VOLT. 1846-FRAME, 4-POLE, 6-LEAD, 2-BEARING
PART OF 252-3902 GENERATOR AR

SMCS-4450

i02442640

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	253-3514	1	ADAPTER GP-GENERATOR COUPLING						542
Y	253-3510	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3512	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3500	1	COVER GP-GENERATOR (DRIP)						534
Y	253-3516	1	EXCITER GP (POWER)						548
Y	256-4242	1	ROTOR AS-MAIN						611
Y	253-3502	1	SCREEN GP-AIR						614
Y	256-4207	1	STATOR GP-MAIN						623
	253-3523	1	KEY (EXCITER)						
	206-6219	1	SLEEVE-SHAFT						
	253-3527	1	SLEEVE-SHAFT						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-3903 GENERATOR GP

S/N: G2F1-UP

50/60-HERTZ, 480-VOLT. 1846-FRAME, 4-POLE, 6-LEAD, 2-BEARING
PART OF 252-3904 GENERATOR AR

SMCS-4450

i02442651

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	253-3514	1	ADAPTER GP-GENERATOR COUPLING						542
Y	253-3510	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3512	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3500	1	COVER GP-GENERATOR (DRIP)						534
Y	253-3516	1	EXCITER GP (POWER)						548
Y	253-3521	1	EXCITER GP (PERMANENT MAGNET)						548
Y	256-4242	1	ROTOR AS-MAIN						611
Y	253-3502	1	SCREEN GP-AIR						614
Y	256-4228	1	STATOR GP-MAIN						636
	253-3527	1	SLEEVE-SHAFT						

Y-SEPARATE ILLUSTRATION

<END>

252-3905 GENERATOR GP

S/N: G2F1-UP

50/60-HERTZ, 480-VOLT. 1846-FRAME, 4-POLE, 6-LEAD, 2-BEARING
PART OF 252-3906 GENERATOR AR

SMCS-4450

i02442696

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	253-3514	1	ADAPTER GP-GENERATOR COUPLING						542
Y	253-3510	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3512	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3500	1	COVER GP-GENERATOR (DRIP)						534
Y	253-3516	1	EXCITER GP (POWER)						548
Y	253-3521	1	EXCITER GP (PERMANENT MAGNET)						548
Y	256-4242	1	ROTOR AS-MAIN						611
Y	253-3502	1	SCREEN GP-AIR						614
Y	256-4229	1	STATOR GP-MAIN						637
	253-3527	1	SLEEVE-SHAFT						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-3907 GENERATOR GP

S/N: G2G1-UP

50/60-HERTZ, 480-VOLT. 1848-FRAME, 6-LEAD, 4-POLE, 2-BEARING
PART OF 252-3908 GENERATOR AR

SMCS-4450

i02442617

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	253-3514	1	ADAPTER GP-GENERATOR COUPLING						542
Y	253-3510	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3512	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3500	1	COVER GP-GENERATOR (DRIP)						534
Y	253-3516	1	EXCITER GP (POWER)						548
Y	256-4243	1	ROTOR AS-MAIN						612
Y	253-3502	1	SCREEN GP-AIR						614
Y	256-4210	1	STATOR GP-MAIN						626
	253-3523	1	KEY (EXCITER)						
	206-6219	1	SLEEVE-SHAFT						
	253-3527	1	SLEEVE-SHAFT						

Y-SEPARATE ILLUSTRATION

<END>

252-3909 GENERATOR GP

S/N: G2G1-UP

50/60-HERTZ, 480-VOLT. 1848-FRAME, 4-POLE, 6-LEAD, 2-BEARING
PART OF 252-3910 GENERATOR AR

SMCS-4450

i02442644

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	253-3514	1	ADAPTER GP-GENERATOR COUPLING						542
Y	253-3510	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3512	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3500	1	COVER GP-GENERATOR (DRIP)						534
Y	253-3516	1	EXCITER GP (POWER)						548
Y	256-4243	1	ROTOR AS-MAIN						612
Y	253-3502	1	SCREEN GP-AIR						614
Y	256-4211	1	STATOR GP-MAIN						627
	253-3523	1	KEY (EXCITER)						
	206-6219	1	SLEEVE-SHAFT						
	253-3527	1	SLEEVE-SHAFT						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-3913 GENERATOR GP

S/N: G2G1-UP

50/60-HERTZ, 480-VOLT. 1848-FRAME, 4-POLE, 6-LEAD, 2-BEARING
PART OF 252-3914 GENERATOR AR

SMCS-4450

i02442649

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	253-3514	1	ADAPTER GP-GENERATOR COUPLING						542
Y	253-3510	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3512	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3500	1	COVER GP-GENERATOR (DRIP)						534
Y	253-3516	1	EXCITER GP (POWER)						548
Y	253-3521	1	EXCITER GP (PERMANENT MAGNET)						548
Y	256-4243	1	ROTOR AS-MAIN						612
Y	253-3502	1	SCREEN GP-AIR						614
Y	256-4235	1	STATOR GP-MAIN						641
	253-3527	1	SLEEVE-SHAFT						

Y-SEPARATE ILLUSTRATION

<END>

252-3971 GENERATOR GP

S/N: G2E1-UP

50/60-HERTZ, 4160-VOLT. 1824-FRAME, 4-POLE, 6-LEAD, 2-BEARING
PART OF 252-3972 GENERATOR AR

SMCS-4450

i02442875

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	253-3514	1	ADAPTER GP-GENERATOR COUPLING						542
Y	253-3510	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3512	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3500	1	COVER GP-GENERATOR (DRIP)						534
Y	253-3516	1	EXCITER GP (POWER)						548
Y	253-3521	1	EXCITER GP (PERMANENT MAGNET)						548
Y	256-4245	1	ROTOR AS-MAIN						613
Y	253-3502	1	SCREEN GP-AIR						614
Y	256-4223	1	STATOR GP-MAIN						631
	253-3527	1	SLEEVE-SHAFT						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-3973 GENERATOR GP

S/N: G2F1-UP

50/60-HERTZ, 4160-VOLT. 1846-FRAME, 4-POLE, 6-LEAD, 2-BEARING
PART OF 252-3974 GENERATOR AR

SMCS-4450

i02443077

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	253-3514	1	ADAPTER GP-GENERATOR COUPLING						542
Y	253-3510	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3512	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3500	1	COVER GP-GENERATOR (DRIP)						534
Y	253-3516	1	EXCITER GP (POWER)						548
Y	253-3521	1	EXCITER GP (PERMANENT MAGNET)						548
Y	256-4242	1	ROTOR AS-MAIN						611
Y	253-3502	1	SCREEN GP-AIR						614
Y	256-4231	1	STATOR GP-MAIN						638
	253-3527	1	SLEEVE-SHAFT						

Y-SEPARATE ILLUSTRATION

<END>

252-3975 GENERATOR GP

S/N: G2G1-UP

4160-VOLT. 1848-FRAME, 4-POLE, 6-LEAD, 2-BEARING
PART OF 252-3976 GENERATOR AR

SMCS-4450

i02441480

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	253-3514	1	ADAPTER GP-GENERATOR COUPLING						542
Y	253-3510	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3512	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3500	1	COVER GP-GENERATOR (DRIP)						534
Y	253-3516	1	EXCITER GP (POWER)						548
Y	253-3521	1	EXCITER GP (PERMANENT MAGNET)						548
Y	256-4243	1	ROTOR AS-MAIN						612
Y	253-3502	1	SCREEN GP-AIR						614
	253-3527	1	SLEEVE-SHAFT						
Y	256-4237	1	STATOR GP-MAIN						642

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-4073 GENERATOR GP

S/N: G2E1-UP

60-HERTZ, 380-VOLT. 1824-FRAME, 4-POLE, 6-LEAD, 2-BEARING
PART OF 252-4074 GENERATOR AR

SMCS-4450

i02442185

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	253-3514	1	ADAPTER GP-GENERATOR COUPLING						542
Y	253-3510	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3512	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3500	1	COVER GP-GENERATOR (DRIP)						534
Y	253-3516	1	EXCITER GP (POWER)						548
Y	256-4245	1	ROTOR AS-MAIN						613
Y	253-3502	1	SCREEN GP-AIR						614
Y	256-4202	1	STATOR GP-MAIN						618
	253-3523	1	KEY (EXCITER)						
	206-6219	1	SLEEVE-SHAFT						
	253-3527	1	SLEEVE-SHAFT						

Y-SEPARATE ILLUSTRATION

<END>

252-4075 GENERATOR GP

S/N: G2E1-UP

60-HERTZ, 380-VOLT. 1824-FRAME, 4-POLE, 6-LEAD, 2-BEARING
PART OF 252-4076 GENERATOR AR

SMCS-4450

i02442195

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	253-3514	1	ADAPTER GP-GENERATOR COUPLING						542
Y	253-3510	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3512	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3500	1	COVER GP-GENERATOR (DRIP)						534
Y	253-3516	1	EXCITER GP (POWER)						548
Y	256-4245	1	ROTOR AS-MAIN						613
Y	253-3502	1	SCREEN GP-AIR						614
Y	256-4203	1	STATOR GP-MAIN						619
	253-3523	1	KEY (EXCITER)						
	206-6219	1	SLEEVE-SHAFT						
	253-3527	1	SLEEVE-SHAFT						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-4077 GENERATOR GP

S/N: G2E1-UP

60-HERTZ, 380-VOLT. 1824-FRAME, 4-POLE, 6-LEAD, 2-BEARING
PART OF 252-4078 GENERATOR AR

SMCS-4450

i02442208

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	253-3514	1	ADAPTER GP-GENERATOR COUPLING						542
Y	253-3510	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3512	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3500	1	COVER GP-GENERATOR (DRIP)						534
Y	253-3516	1	EXCITER GP (POWER)						548
Y	253-3521	1	EXCITER GP (PERMANENT MAGNET)						548
Y	256-4245	1	ROTOR AS-MAIN						613
Y	253-3502	1	SCREEN GP-AIR						614
Y	256-4224	1	STATOR GP-MAIN						632
	253-3527	1	SLEEVE-SHAFT						

Y-SEPARATE ILLUSTRATION

<END>

252-4079 GENERATOR GP

S/N: G2E1-UP

60-HERTZ, 380-VOLT. 1824-FRAME, 4-POLE, 6-LEAD, 2-BEARING
PART OF 252-4080 GENERATOR AR

SMCS-4450

i02442219

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	253-3514	1	ADAPTER GP-GENERATOR COUPLING						542
Y	253-3510	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3512	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3500	1	COVER GP-GENERATOR (DRIP)						534
Y	253-3516	1	EXCITER GP (POWER)						548
Y	253-3521	1	EXCITER GP (PERMANENT MAGNET)						548
Y	256-4245	1	ROTOR AS-MAIN						613
Y	253-3502	1	SCREEN GP-AIR						614
Y	256-4225	1	STATOR GP-MAIN						633
	253-3527	1	SLEEVE-SHAFT						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-4081 GENERATOR GP

S/N: G2F1-UP

60-HERTZ, 380-VOLT. 1846-FRAME, 6-LEAD, 2-BEARING
PART OF 252-4082 GENERATOR AR

SMCS-4450

i02443078

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
			SERVICEABLE PARTS IDENTIFICATION FOR THIS GROUP WAS NOT AVAILABLE AT TIME OF THIS PUBLICATION.						
			REFER TO THE SERVICE INFORMATION SYSTEM (SIS) FOR THE LATEST AVAILABLE PARTS INFORMATION.						
			<END>						

252-4083 GENERATOR GP

S/N: G2F1-UP

60-HERTZ, 380-VOLT. 1846-FRAME, 6-LEAD, 2-BEARING
PART OF 252-4084 GENERATOR AR

SMCS-4450

i02443079

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
			SERVICEABLE PARTS IDENTIFICATION FOR THIS GROUP WAS NOT AVAILABLE AT TIME OF THIS PUBLICATION.						
			REFER TO THE SERVICE INFORMATION SYSTEM (SIS) FOR THE LATEST AVAILABLE PARTS INFORMATION.						
			<END>						

252-4085 GENERATOR GP

S/N: G2F1-UP

60-HERTZ, 380-VOLT. 1846-FRAME, 6-LEAD, 2-BEARING
PART OF 252-4086 GENERATOR AR

SMCS-4450

i02443080

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
			SERVICEABLE PARTS IDENTIFICATION FOR THIS GROUP WAS NOT AVAILABLE AT TIME OF THIS PUBLICATION.						
			REFER TO THE SERVICE INFORMATION SYSTEM (SIS) FOR THE LATEST AVAILABLE PARTS INFORMATION.						
			<END>						

GENERATORS

252-4087 GENERATOR GP

S/N: G2F1-UP

60-HERTZ, 380-VOLT. 1846-FRAME, 6-LEAD, 2-BEARING
PART OF 252-4088 GENERATOR AR

SMCS-4450

i02443081

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
			SERVICEABLE PARTS IDENTIFICATION FOR THIS GROUP WAS NOT AVAILABLE AT TIME OF THIS PUBLICATION.	
			REFER TO THE SERVICE INFORMATION SYSTEM (SIS) FOR THE LATEST AVAILABLE PARTS INFORMATION.	
			<END>	

252-4089 GENERATOR GP

S/N: G2G1-UP

60-HERTZ, 380-VOLT. 1848-FRAME, 6-LEAD, 2-BEARING
PART OF 252-4090 GENERATOR AR

SMCS-4450

i02443082

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
			SERVICEABLE PARTS IDENTIFICATION FOR THIS GROUP WAS NOT AVAILABLE AT TIME OF THIS PUBLICATION.	
			REFER TO THE SERVICE INFORMATION SYSTEM (SIS) FOR THE LATEST AVAILABLE PARTS INFORMATION.	
			<END>	

252-4091 GENERATOR GP

S/N: G2G1-UP

60-HERTZ, 380-VOLT. 1848-FRAME, 6-LEAD, 2-BEARING
PART OF 252-4092 GENERATOR AR

SMCS-4450

i02443083

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
			SERVICEABLE PARTS IDENTIFICATION FOR THIS GROUP WAS NOT AVAILABLE AT TIME OF THIS PUBLICATION.	
			REFER TO THE SERVICE INFORMATION SYSTEM (SIS) FOR THE LATEST AVAILABLE PARTS INFORMATION.	
			<END>	

GENERATORS

252-4093 GENERATOR GP

S/N: G2G1-UP

60-HERTZ, 380-VOLT. 1848-FRAME, 6-LEAD, 2-BEARING
PART OF 252-4094 GENERATOR AR

SMCS-4450

i02443084

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
			SERVICEABLE PARTS IDENTIFICATION FOR THIS GROUP WAS NOT AVAILABLE AT TIME OF THIS PUBLICATION.	
			REFER TO THE SERVICE INFORMATION SYSTEM (SIS) FOR THE LATEST AVAILABLE PARTS INFORMATION.	
<END>				

252-4095 GENERATOR GP

S/N: G2G1-UP

60-HERTZ, 380-VOLT. 1848-FRAME, 6-LEAD, 2-BEARING
PART OF 252-4096 GENERATOR AR

SMCS-4450

i02443085

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
			SERVICEABLE PARTS IDENTIFICATION FOR THIS GROUP WAS NOT AVAILABLE AT TIME OF THIS PUBLICATION.	
			REFER TO THE SERVICE INFORMATION SYSTEM (SIS) FOR THE LATEST AVAILABLE PARTS INFORMATION.	
<END>				

252-4185 GENERATOR GP

S/N: G2E1-UP

60-HERTZ, 600-VOLT. 1824-FRAME, 4-POLE, 6-LEAD, 2-BEARING
PART OF 252-4186 GENERATOR AR

SMCS-4450

i02442307

NOTE	PART NUMBER	QTY	PART NAME 1 2 3 4 5 6 (PRODUCT LEVEL)	SEE PAGE
Y	253-3514	1	ADAPTER GP-GENERATOR COUPLING	542
Y	253-3510	1	BRACKET GP-MOUNTING (GENERATOR)	542
Y	253-3512	1	BRACKET GP-MOUNTING (GENERATOR)	542
Y	253-3500	1	COVER GP-GENERATOR (DRIP)	534
Y	253-3516	1	EXCITER GP (POWER)	548
Y	256-4245	1	ROTOR AS-MAIN	613
Y	253-3502	1	SCREEN GP-AIR	614
Y	256-4204	1	STATOR GP-MAIN	620
	253-3523	1	KEY (EXCITER)	
	206-6219	1	SLEEVE-SHAFT	
	253-3527	1	SLEEVE-SHAFT	
Y-SEPARATE ILLUSTRATION				
<END>				

GENERATORS

252-4187 GENERATOR GP

S/N: G2E1-UP

60-HERTZ, 600-VOLT. 1824-FRAME, 4-POLE, 6-LEAD, 2-BEARING
PART OF 252-4188 GENERATOR AR

SMCS-4450

i02442305

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	253-3514	1	ADAPTER GP-GENERATOR COUPLING						542
Y	253-3510	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3512	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3500	1	COVER GP-GENERATOR (DRIP)						534
Y	253-3516	1	EXCITER GP (POWER)						548
Y	256-4245	1	ROTOR AS-MAIN						613
Y	253-3502	1	SCREEN GP-AIR						614
Y	256-4205	1	STATOR GP-MAIN						621
	253-3523	1	KEY (EXCITER)						
	206-6219	1	SLEEVE-SHAFT						
	253-3527	1	SLEEVE-SHAFT						

Y-SEPARATE ILLUSTRATION

<END>

252-4189 GENERATOR GP

S/N: G2E1-UP

60-HERTZ, 600-VOLT. 1824-FRAME, 4-POLE, 6-LEAD, 2-BEARING
PART OF 252-4190 GENERATOR AR

SMCS-4450

i02442303

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	253-3514	1	ADAPTER GP-GENERATOR COUPLING						542
Y	253-3510	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3512	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3500	1	COVER GP-GENERATOR (DRIP)						534
Y	253-3516	1	EXCITER GP (POWER)						548
Y	253-3521	1	EXCITER GP (PERMANENT MAGNET)						548
Y	256-4245	1	ROTOR AS-MAIN						613
Y	253-3502	1	SCREEN GP-AIR						614
Y	256-4226	1	STATOR GP-MAIN						634
	253-3527	1	SLEEVE-SHAFT						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-4191 GENERATOR GP

S/N: G2E1-UP

60-HERTZ, 600-VOLT. 1824-FRAME, 4-POLE, 6-LEAD, 2-BEARING
PART OF 252-4192 GENERATOR AR

SMCS-4450

i02442317

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	253-3514	1	ADAPTER GP-GENERATOR COUPLING						542
Y	253-3510	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3512	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3500	1	COVER GP-GENERATOR (DRIP)						534
Y	253-3516	1	EXCITER GP (POWER)						548
Y	253-3521	1	EXCITER GP (PERMANENT MAGNET)						548
Y	256-4245	1	ROTOR AS-MAIN						613
Y	253-3502	1	SCREEN GP-AIR						614
Y	256-4227	1	STATOR GP-MAIN						635
	253-3527	1	SLEEVE-SHAFT						

Y-SEPARATE ILLUSTRATION

<END>

252-4193 GENERATOR GP

S/N: G2F1-UP

60-HERTZ, 600-VOLT. 1846-FRAME, 4-POLE, 6-LEAD, 2-BEARING
PART OF 252-4194 GENERATOR AR

SMCS-4450

i02442300

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	253-3514	1	ADAPTER GP-GENERATOR COUPLING						542
Y	253-3510	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3512	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3500	1	COVER GP-GENERATOR (DRIP)						534
Y	253-3516	1	EXCITER GP (POWER)						548
Y	256-4242	1	ROTOR AS-MAIN						611
Y	253-3502	1	SCREEN GP-AIR						614
Y	256-4208	1	STATOR GP-MAIN						624
	253-3523	1	KEY (EXCITER)						
	206-6219	1	SLEEVE-SHAFT						
	253-3527	1	SLEEVE-SHAFT						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-4195 GENERATOR GP

S/N: G2F1-UP

60-HERTZ, 600-VOLT. 1846-FRAME, 4-POLE, 6-LEAD, 2-BEARING
PART OF 252-4196 GENERATOR AR

SMCS-4450

i02442298

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	253-3514	1	ADAPTER GP-GENERATOR COUPLING						542
Y	253-3510	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3512	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3500	1	COVER GP-GENERATOR (DRIP)						534
Y	253-3516	1	EXCITER GP (POWER)						548
Y	256-4242	1	ROTOR AS-MAIN						611
Y	253-3502	1	SCREEN GP-AIR						614
Y	256-4209	1	STATOR GP-MAIN						625
	253-3523	1	KEY (EXCITER)						
	206-6219	1	SLEEVE-SHAFT						
	253-3527	1	SLEEVE-SHAFT						

Y-SEPARATE ILLUSTRATION

<END>

252-4197 GENERATOR GP

S/N: G2F1-UP

60-HERTZ, 600-VOLT. 1846-FRAME, 4-POLE, 6-LEAD, 2-BEARING
PART OF 252-4198 GENERATOR AR

SMCS-4450

i02442301

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	253-3514	1	ADAPTER GP-GENERATOR COUPLING						542
Y	253-3510	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3512	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3500	1	COVER GP-GENERATOR (DRIP)						534
Y	253-3516	1	EXCITER GP (POWER)						548
Y	253-3521	1	EXCITER GP (PERMANENT MAGNET)						548
Y	256-4242	1	ROTOR AS-MAIN						611
Y	253-3502	1	SCREEN GP-AIR						614
Y	256-4232	1	STATOR GP-MAIN						639
	253-3527	1	SLEEVE-SHAFT						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-4199 GENERATOR GP

S/N: G2F1-UP

60-HERTZ, 600-VOLT. 1846-FRAME, 4-POLE, 6-LEAD, 2-BEARING
PART OF 252-4200 GENERATOR AR

SMCS-4450

i02442296

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	253-3514	1	ADAPTER GP-GENERATOR COUPLING						542
Y	253-3512	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3510	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3500	1	COVER GP-GENERATOR (DRIP)						534
Y	253-3521	1	EXCITER GP (PERMANENT MAGNET)						548
Y	253-3516	1	EXCITER GP (POWER)						548
Y	256-4242	1	ROTOR AS-MAIN						611
Y	253-3502	1	SCREEN GP-AIR						614
Y	256-4233	1	STATOR GP-MAIN						640
	253-3527	1	SLEEVE-SHAFT						

Y-SEPARATE ILLUSTRATION

<END>

252-4201 GENERATOR GP

S/N: G2G1-UP

60-HERTZ, 600-VOLT. 1848-FRAME, 4-POLE, 6-LEAD, 2-BEARING
PART OF 252-4202 GENERATOR AR

SMCS-4450

i02441982

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	253-3514	1	ADAPTER GP-GENERATOR COUPLING						542
Y	253-3510	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3512	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3500	1	COVER GP-GENERATOR (DRIP)						534
Y	253-3516	1	EXCITER GP (POWER)						548
Y	256-4243	1	ROTOR AS-MAIN						612
Y	253-3502	1	SCREEN GP-AIR						614
Y	256-4212	1	STATOR GP-MAIN						628
	253-3523	1	KEY (EXCITER)						
	206-6219	1	SLEEVE-SHAFT						
	253-3527	1	SLEEVE-SHAFT						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-4203 GENERATOR GP

S/N: G2G1-UP

60-HERTZ, 600-VOLT. 1848-FRAME, 4-POLE, 6-LEAD, 2-BEARING
PART OF 252-4204 GENERATOR AR

SMCS-4450

i02441980

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	253-3514	1	ADAPTER GP-GENERATOR COUPLING						542
Y	253-3510	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3512	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3500	1	COVER GP-GENERATOR (DRIP)						534
Y	253-3516	1	EXCITER GP (POWER)						548
Y	256-4243	1	ROTOR AS-MAIN						612
Y	253-3502	1	SCREEN GP-AIR						614
Y	256-4213	1	STATOR GP-MAIN						629
	253-3523	1	KEY (EXCITER)						
	206-6219	1	SLEEVE-SHAFT						
	253-3527	1	SLEEVE-SHAFT						

Y-SEPARATE ILLUSTRATION

<END>

252-4205 GENERATOR GP

S/N: G2G1-UP

60-HERTZ, 600-VOLT. 1848-FRAME, 4-POLE, 6-LEAD, 2-BEARING
PART OF 252-4206 GENERATOR AR

SMCS-4450

i02441977

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	253-3514	1	ADAPTER GP-GENERATOR COUPLING						542
Y	253-3510	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3512	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3500	1	COVER GP-GENERATOR (DRIP)						534
Y	253-3516	1	EXCITER GP (POWER)						548
Y	253-3521	1	EXCITER GP (PERMANENT MAGNET)						548
Y	256-4243	1	ROTOR AS-MAIN						612
Y	253-3502	1	SCREEN GP-AIR						614
Y	256-4238	1	STATOR GP-MAIN						643
	253-3527	1	SLEEVE-SHAFT						

Y-SEPARATE ILLUSTRATION

<END>

GENERATORS

252-4207 GENERATOR GP

S/N: G2G1-UP

60-HERTZ, 600-VOLTS. 1848-FRAME, 4-POLE, 6-LEAD, 2-BEARING
PART OF 252-4208 GENERATOR AR

SMCS-4450

i02441983

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	253-3514	1	ADAPTER GP-GENERATOR COUPLING						542
Y	253-3510	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3512	1	BRACKET GP-MOUNTING (GENERATOR)						542
Y	253-3500	1	COVER GP-GENERATOR (DRIP)						534
Y	253-3516	1	EXCITER GP (POWER)						548
Y	253-3521	1	EXCITER GP (PERMANENT MAGNET)						548
Y	256-4243	1	ROTOR AS-MAIN						612
Y	253-3502	1	SCREEN GP-AIR						614
Y	256-4239	1	STATOR GP-MAIN						644
	253-3527	1	SLEEVE - SHAFT						

Y- SEPARATE ILLUSTRATION

<END>

GENERATORS

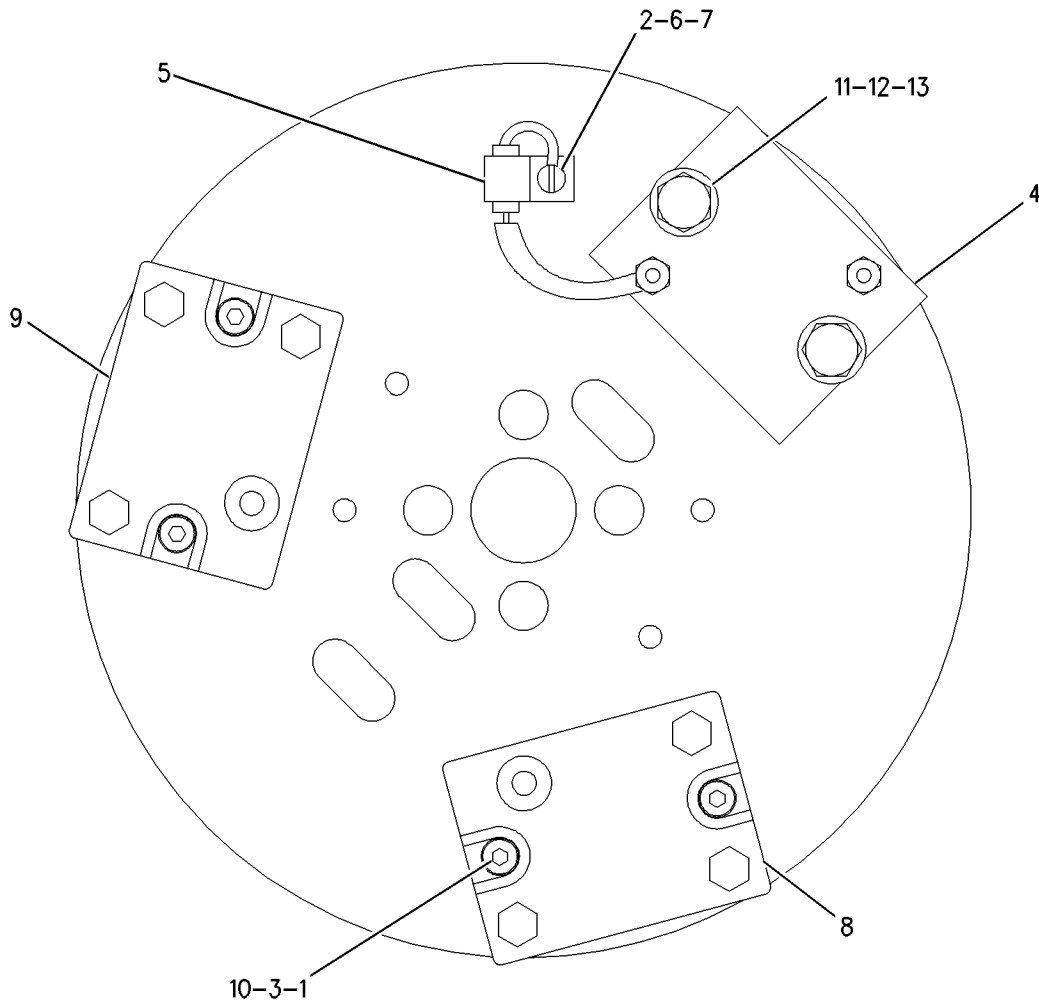
125-2114 HEAT SINK AS

S/N: G2E1-UP; G2F1-UP; G2G1-UP
PART OF 142-4452 RECTIFIER GP-REVOLVING

SMCS-4472

i02232952

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	2R-8159	4	BOLT-SOCKET HEAD (10-32X1.5-IN)						
	2	1	4B-2043	1	NUT (8-32-THD)						
	3	1	4B-2049	4	NUT (10-32-THD)						
	4	1	4P-6009	1	VARISTOR						
	5	1	7E-0127	1	RESISTOR AS						
	6	1	7S-1197	1	SCREW-MACHINE (8-32X0.5-IN)						
	7	1	9B-7233	1	LOCKWASHER						
	8	1	110-4422	1	RECTIFIER (POSITIVE)						
	9	1	110-4424	1	RECTIFIER (NEGATIVE)						
	10	1	117-8556	4	WASHER (5.6X7.8X0.5-MM THK)						
	11	1	5P-0537	2	WASHER-HARD (7.2X14.5X2-MM THK)						
	12	1	9F-7022	2	BOLT (1/4-20X1.5-IN)						
	13	1	9S-8750	2	NUT-FULL (1/4-20-THD)						



GRAPHIC #1

<END>

g00769750

GENERATORS

253-3528 HEATER GP-SPACE

AN ATTACHMENT

SMCS-7274

i02172316

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	7W-8876	1	BRACKET - SPACE						
	7W-9101	1	HEATER GP-SPACE						

<END>

GENERATORS

259-3075 INSTALLATION AR-GENERATOR

S/N: WYB1-UP
 75-SHORE HARDNESS
 FOR USE WITH 18000-SERIES
 AN ATTACHMENT

SMCS-4450

i02444445

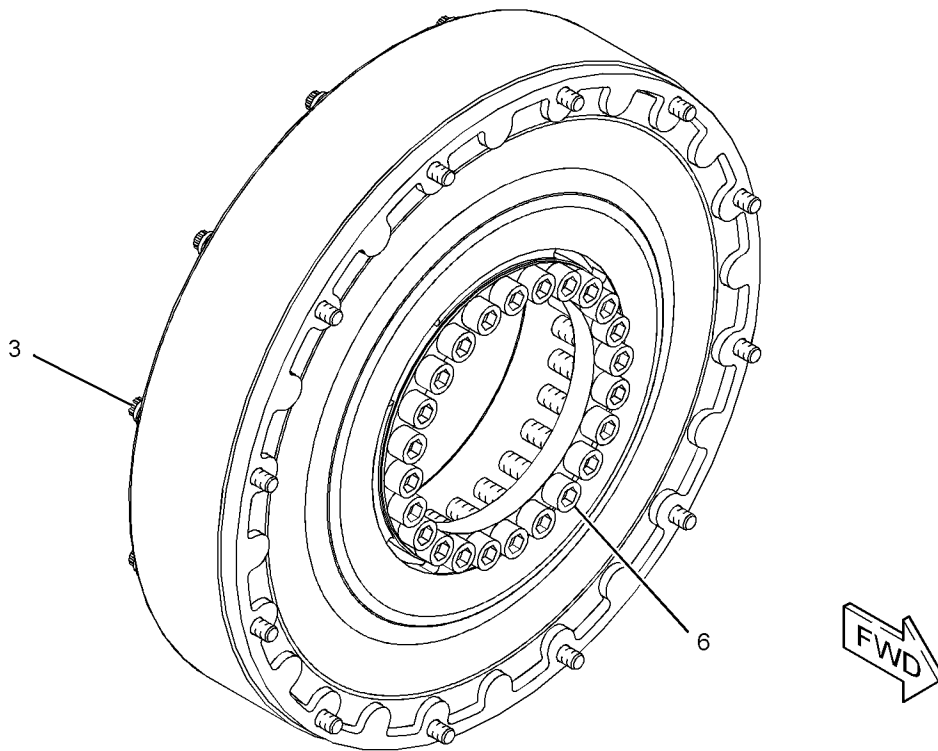
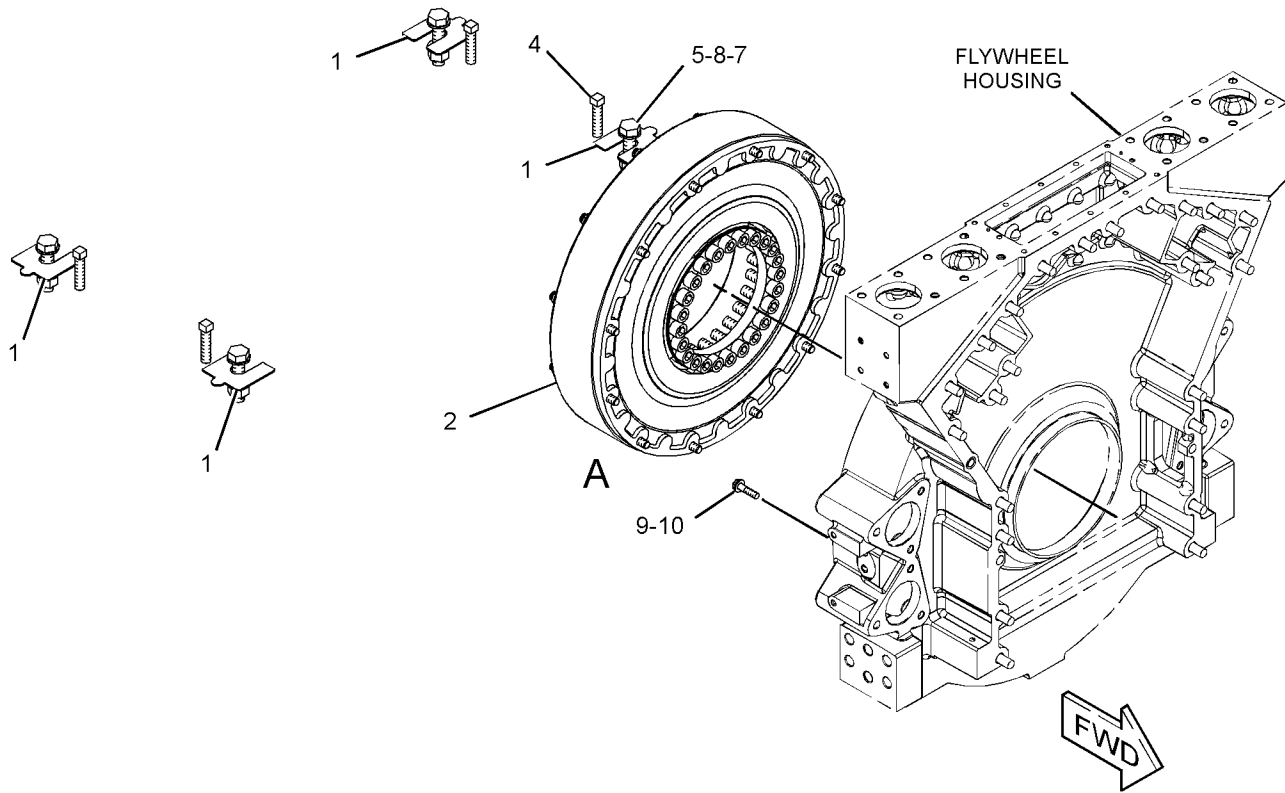
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
BY	1	1	137-8533	4	SHIM GP-GENERATOR (INCLUDES 13-SHIMS)						614
Y	2	1	243-1518	1	COUPLING GP-FLEXIBLE						7
	3	1	259-7012	12	BOLT-12 POINT HEAD (M16X2X160-MM)						
	4	1	260-0217	4	SETSCREW (M24X2-THD)						
M	5	1	7X-2489	4	BOLT (M24X3X100-MM)						
M	6	1	7Y-5241	24	BOLT-SOCKET HEAD (M20X2.5X60-MM)						
M	7	1	8T-4001	4	NUT (M24X3-THD)						
	8	1	8T-4167	8	WASHER-HARD (26X44X4-MM THK)						
M	9	1	8T-4194	16	BOLT (M12X1.75X50-MM)						
	10	1	8T-4223	16	WASHER-HARD (13.5X25.5X3-MM THK)						

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

GENERATORS

259-3075 INSTALLATION AR-GENERATOR (contd.)

i02444445



VIEW OF AREA A

GRAPHIC #1

<END>

g01228491

GENERATORS

142-4452 RECTIFIER GP-REVOLVING

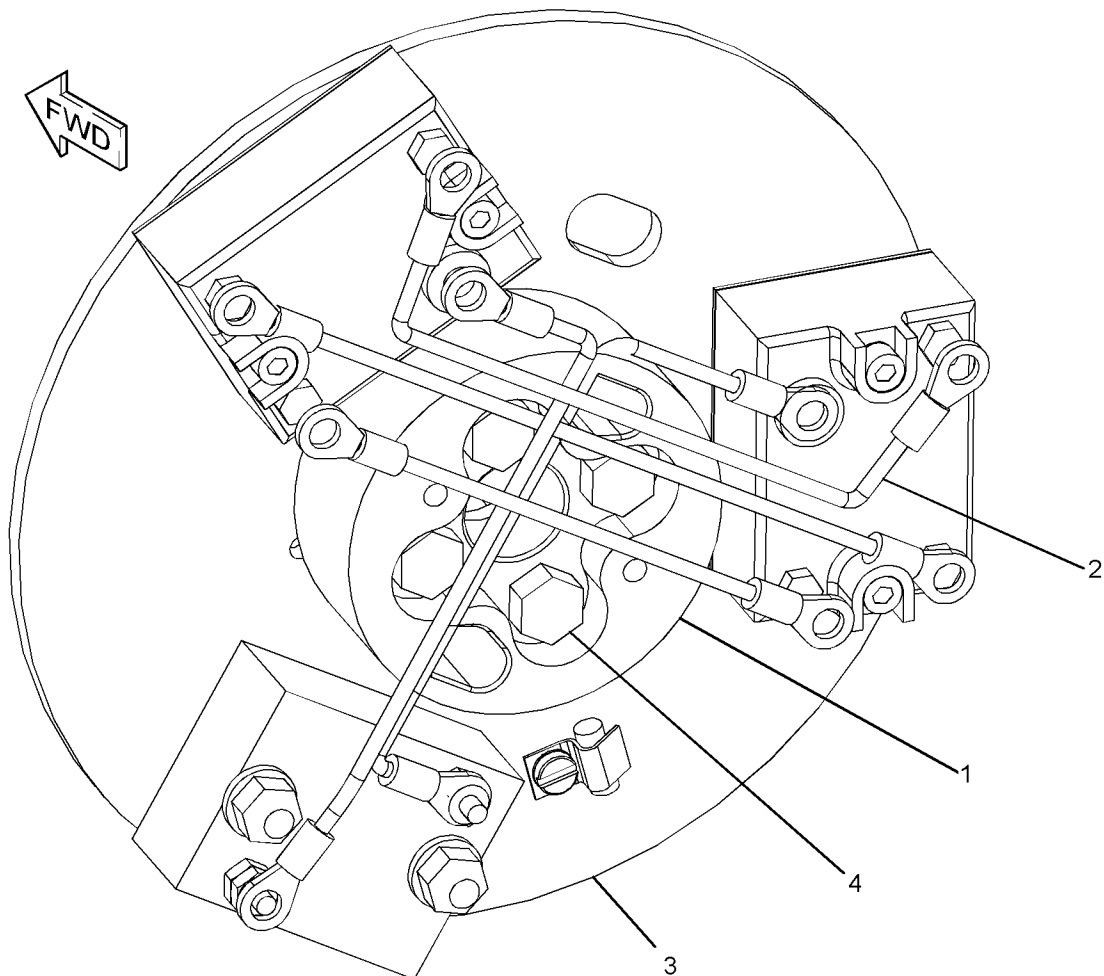
S/N: G2E1-UP; G2F1-UP; G2G1-UP
PART OF 256-4242, 256-4243, 256-4245 ROTOR AS-MAIN

SMCS-4473

i02305927

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	4P-3153	1	SPACER (20.6X77X27.8-MM THK)						
	2	1	110-4172	1	HARNESS AS-WIRING (RECTIFIER)						
Y	3	1	125-2114	1	HEAT SINK AS						605
	4	1	1B-9575	4	BOLT (5/16-18X1.75-IN)						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01155155

GENERATORS

235-5725 REGULATOR AS-VOLTAGE-DIGITAL

S/N: WYB1-UP

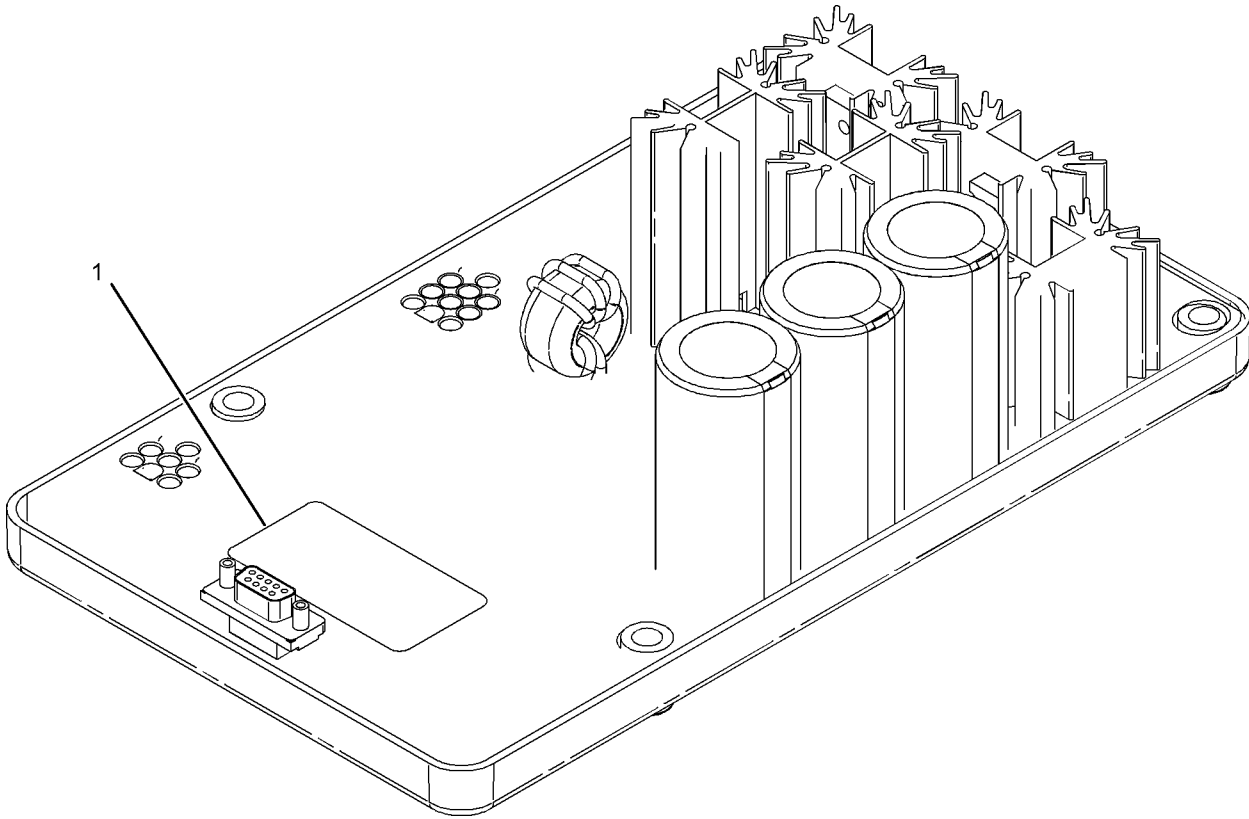
120-VOLT TO 600-VOLT

PART OF 245-0082 MOUNTING GP-CONTROL PANEL
AN ATTACHMENT

SMCS-4467

i02074439

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	219-3484	1	FILM-DANGER (SHOCK, ELECTROCUTION HAZARD)						



GRAPHIC #1

<END>

g01035161

GENERATORS

256-4242 ROTOR AS-MAIN

S/N: G2F1-UP

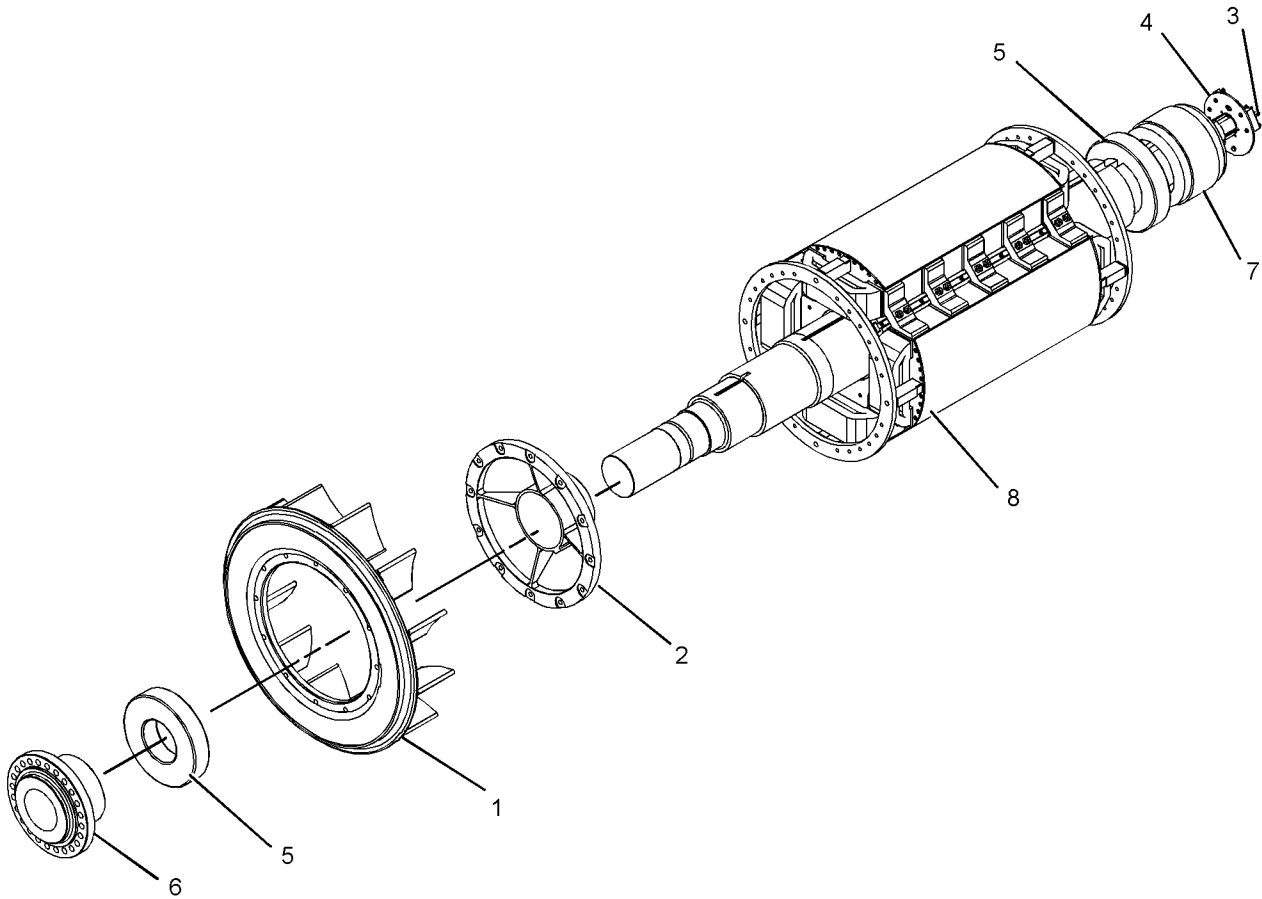
PART OF 252-3899, 252-3901, 252-3903, 252-3905, 252-3973, 252-4193,
252-4195, 252-4197, 252-4199 GENERATOR GP

SMCS-4457

i02442993

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7E-3087	1	FAN						
	2	1	7E-3088	1	HUB-FAN						
	3	1	133-7301	2	KIT-ROTOR LEAD						
					(INCLUDES CABLE TIES, LEAD AS, SLEEVES, AND TERMINALS)						
Y	4	1	142-4452	1	RECTIFIER GP-REVOLVING						609
	5	1	154-3032	2	BALL BEARING						
	6	1	235-8130	1	HUB-FLEXIBLE COUPLING						
	7	1	253-3519	1	ROTOR-EXCITER						
	8	1	254-8717	1	ROTOR AS						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01228477

GENERATORS

256-4243 ROTOR AS-MAIN

S/N: G2G1-UP

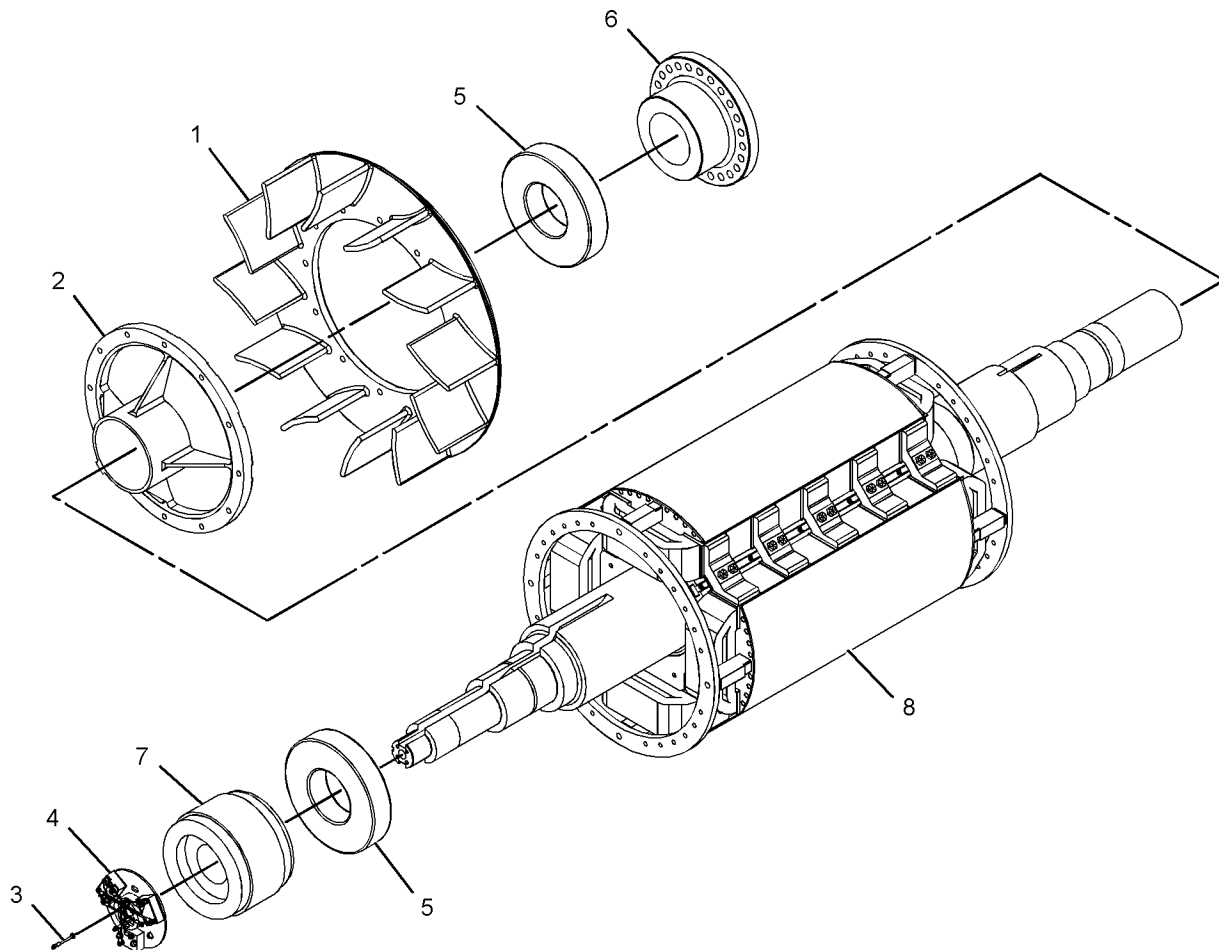
PART OF 252-3907, 252-3909, 252-3913, 252-3975, 252-4201, 252-4203,
252-4205, 252-4207 GENERATOR GP

SMCS-4457

i02442594

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	278-6169	1	FAN						
	2	1	7E-3088	1	HUB-FAN						
	3	1	133-7301	2	KIT-ROTOR LEAD						
					(INCLUDES CABLE TIE, LEAD ASSEMBLIES, SLEEVES, AND TERMINALS)						
Y	4	1	142-4452	1	RECTIFIER GP-REVOLVING						609
	5	1	154-3032	2	BALL BEARING						
	6	1	235-8130	1	HUB-FLEXIBLE COUPLING						
	7	1	253-3519	1	ROTOR-EXCITER						
	8	1	254-8718	1	ROTOR AS						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01232575

GENERATORS

256-4245 ROTOR AS-MAIN

S/N: G2E1-UP

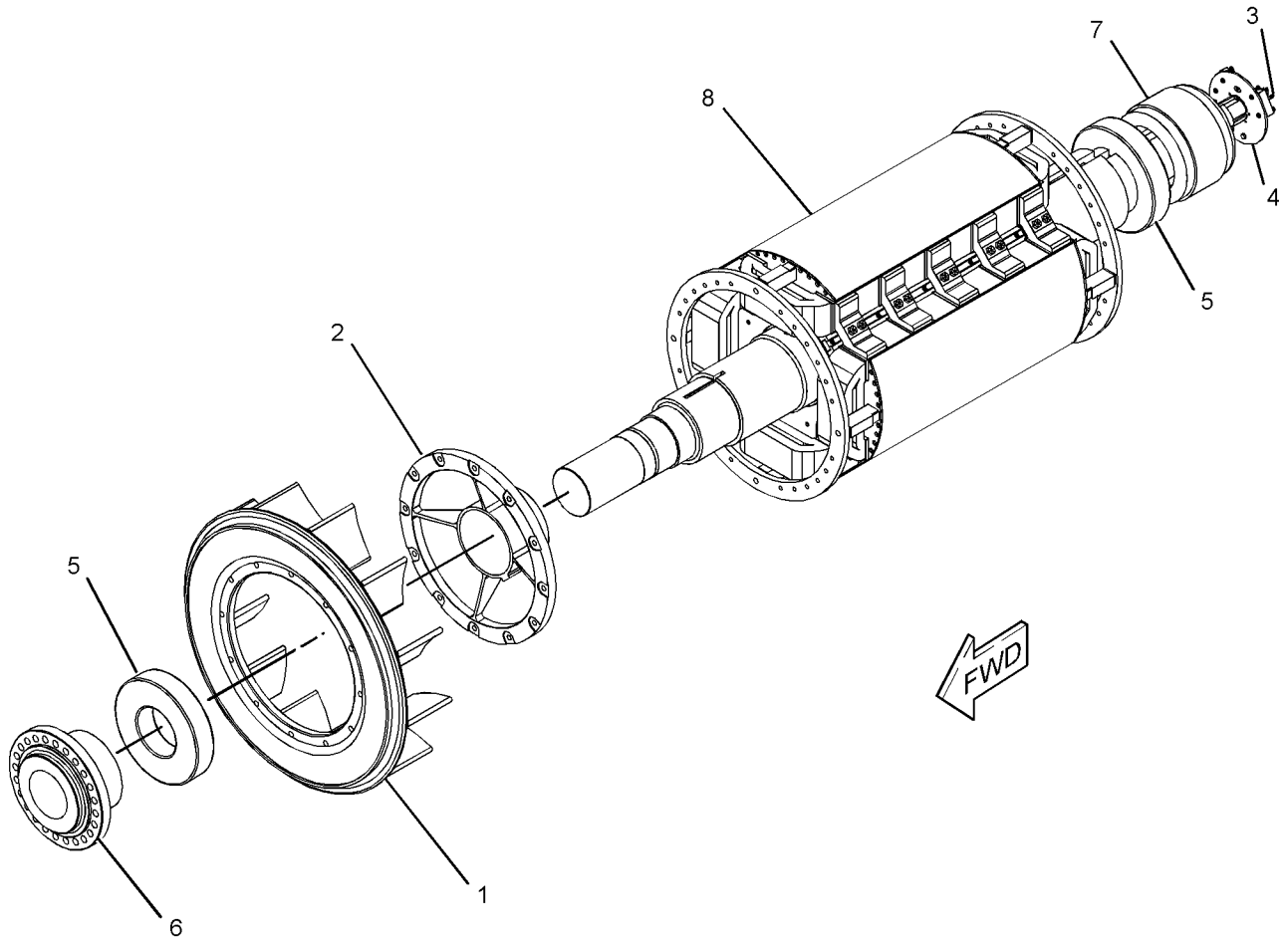
PART OF 252-3891, 252-3893, 252-3895, 252-3897, 252-3971, 252-4073,
252-4075, 252-4077, 252-4079, 252-4185, 252-4187, 252-4189, 252-4191
GENERATOR GP

SMCS-4457

i02402987

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7E-3087	1	FAN						
	2	1	7E-3088	1	HUB-FAN						
	3	1	133-7301	2	KIT-ROTOR LEAD						
					(INCLUDES CABLE TIE, LEAD AS, SLEEVES, AND TERMINALS)						
Y	4	1	142-4452	1	RECTIFIER GP-REVOLVING						609
	5	1	154-3032	2	BALL BEARING						
	6	1	235-8130	1	HUB-FLEXIBLE COUPLING						
	7	1	253-3519	1	ROTOR-EXCITER						
	8	1	254-8716	1	ROTOR AS						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01222374

GENERATORS

253-3502 SCREEN GP-AIR

S/N: G2E1-UP; G2F1-UP; G2G1-UP

PART OF 252-3891, 252-3893, 252-3895, 252-3897, 252-3899, 252-3901,
252-3903, 252-3905, 252-3907, 252-3909, 252-3913, 252-3971, 252-3973,
252-3975, 252-4073, 252-4075, 252-4077, 252-4079, 252-4185, 252-4187,
252-4189, 252-4191, 252-4193, 252-4195, 252-4197, 252-4199, 252-4201,
252-4203, 252-4205, 252-4207 GENERATOR GP

SMCS-1051, 4450

i02443087

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
M	8T-8442	8	BOLT-SOCKET HEAD (M6X1X30-MM)						
	253-3504	2	SCREEN AS-AIR						
	253-3505	2	SCREEN AS-AIR						
	9X-8256	8	WASHER (6.6X12X2-MM THK)						
M-METRIC PART									
<END>									

137-8533 SHIM GP-GENERATOR

S/N: WYB1-UP

PART OF 259-9108 COUPLING GP-GENERATOR DRIVE, 259-3075 INSTALLATION
AR-GENERATOR
AN ATTACHMENT

SMCS-4450

i02213909

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
B	137-8534	1	SHIM (0.025-MM THK)						
B	137-8535	1	SHIM (0.0508-MM THK)						
B	137-8536	1	SHIM (0.076-MM THK)						
B	137-8537	1	SHIM (0.102-MM THK)						
B	137-8538	1	SHIM (0.127-MM THK)						
B	137-8539	1	SHIM (0.254-MM THK)						
B	137-8540	1	SHIM (0.381-MM THK)						
B	137-8541	1	SHIM (0.508-MM THK)						
B	137-8542	1	SHIM (0.635-MM THK)						
B	137-8543	1	SHIM (1.27-MM THK)						
B	137-8544	1	SHIM (1.91-MM THK)						
B	137-8545	1	SHIM (2.54-MM THK)						
B	137-8546	1	SHIM (3.05-MM THK)						
B-USE AS REQUIRED									
<END>									

GENERATORS

256-4200 STATOR GP

S/N: G2E1-UP

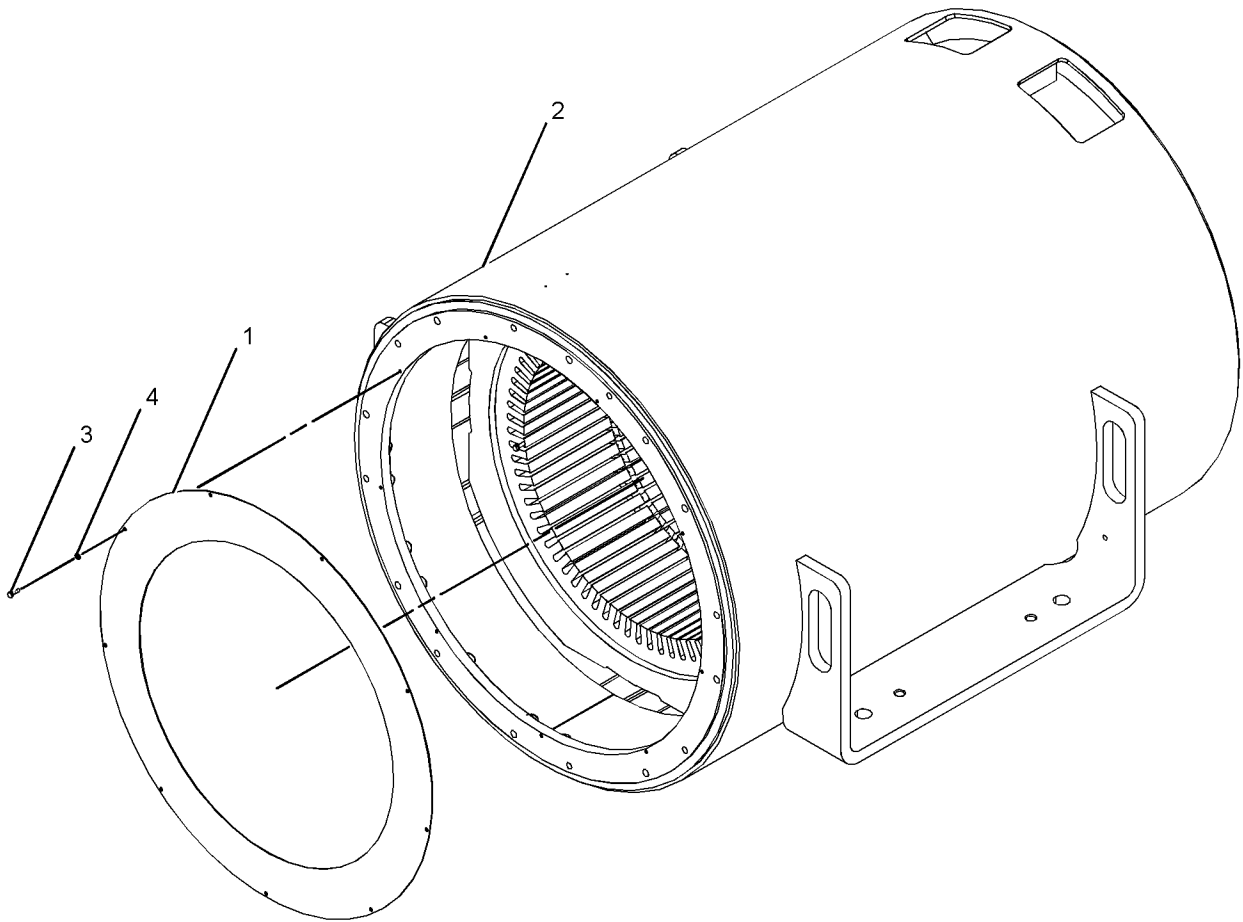
PART OF 252-3891 GENERATOR GP

SMCS-4453

i02403194

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	253-3508	1	BAFFLE						
	2	1	254-8423	1	STATOR GP						
M	3	1	8T-4138	9	BOLT (M6X1X20-MM)						
	4	1	9X-8256	9	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01231566

GENERATORS

256-4220 STATOR GP

S/N: G2E1-UP

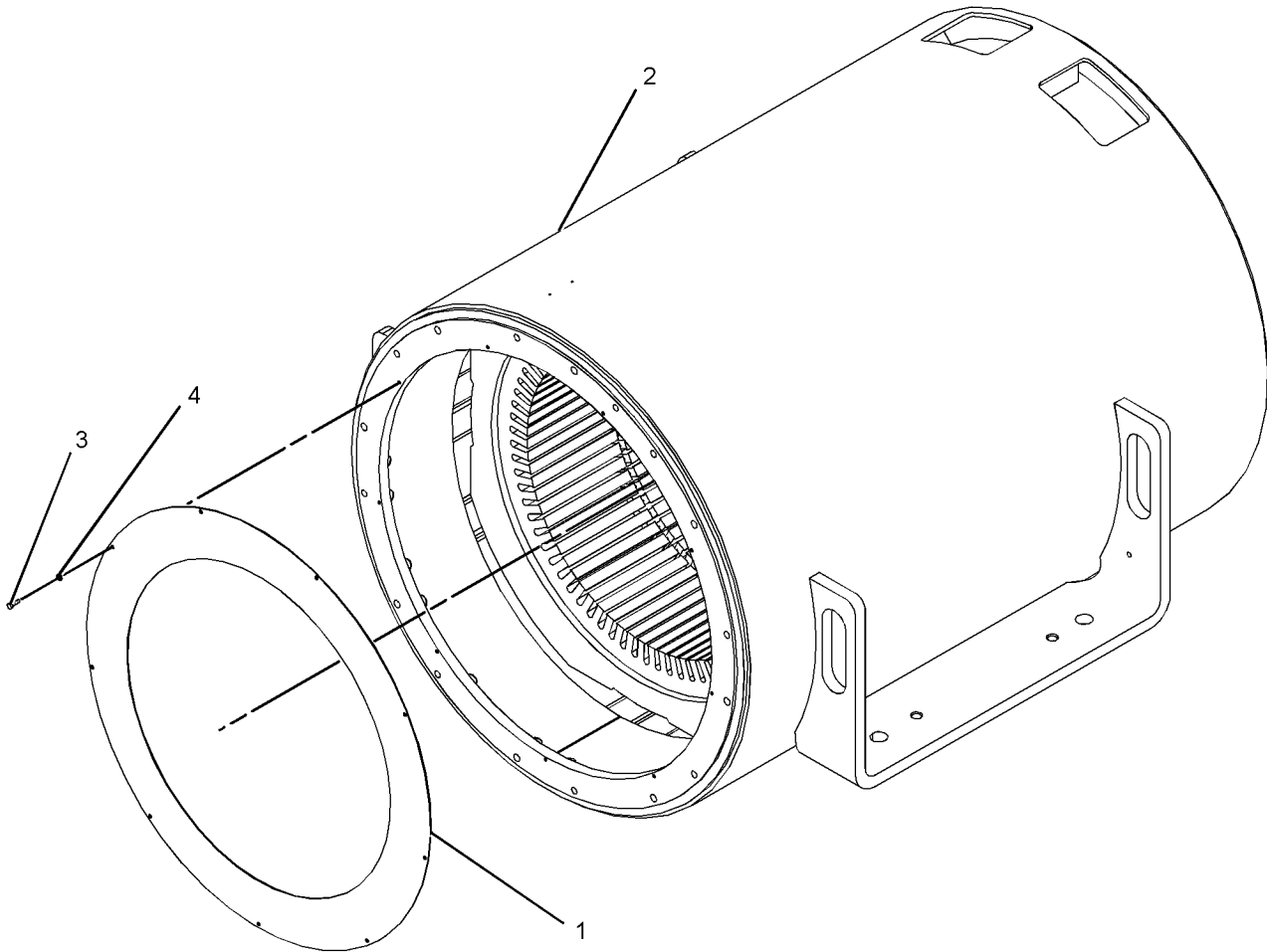
PART OF 252-3895 GENERATOR GP

SMCS-4453

i02403192

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	253-3508	1	BAFFLE						
	2	1	254-8425	1	STATOR GP						
M	3	1	8T-4138	9	BOLT (M6X1X20-MM)						
	4	1	9X-8256	9	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01231537

GENERATORS

256-4201 STATOR GP-MAIN

S/N: G2E1-UP

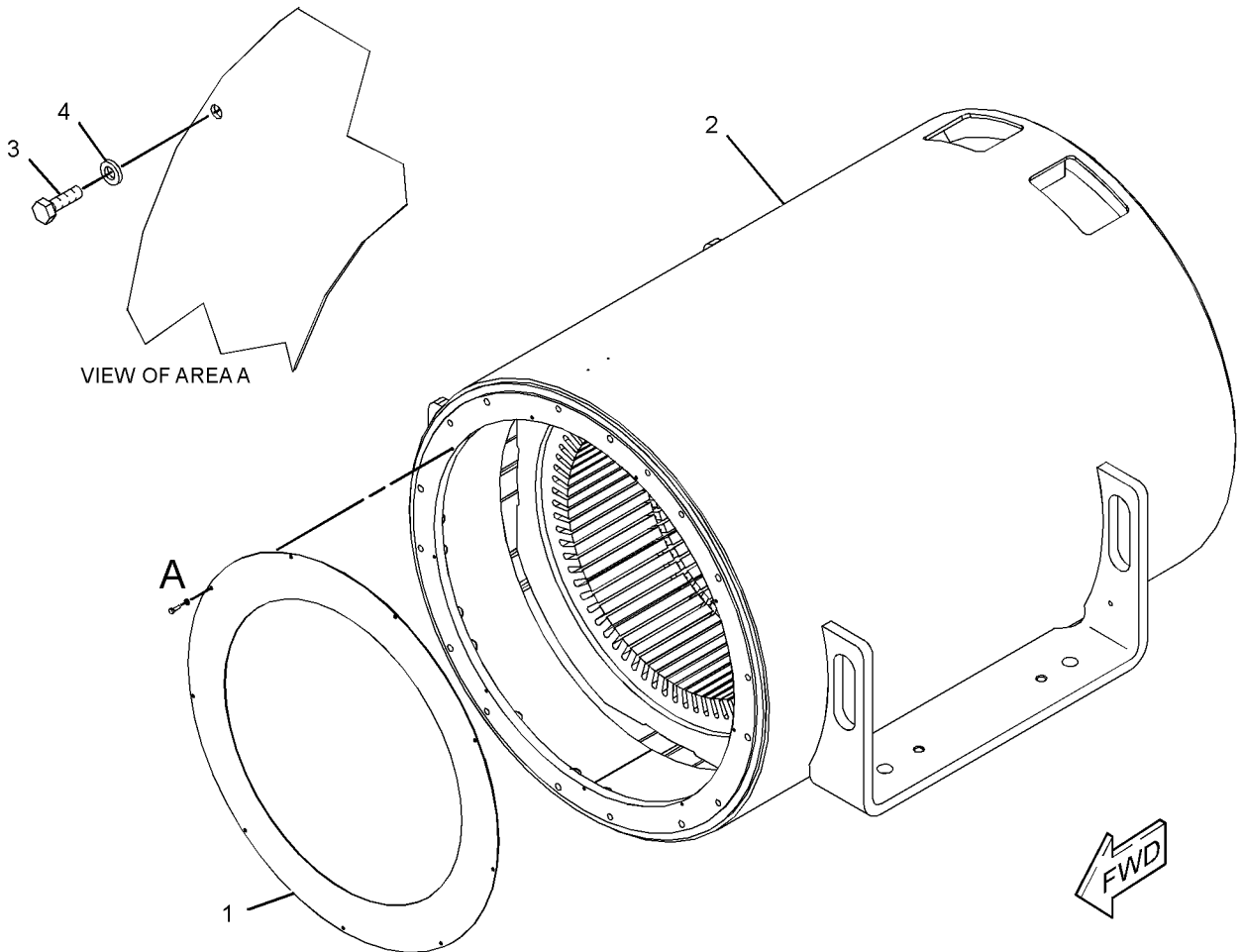
PART OF 252-3893 GENERATOR GP

SMCS-4453

i02442009

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	253-3508	1	BAFFLE						
	2	1	254-8424	1	STATOR AS						
M	3	1	8T-4138	9	BOLT (M6X1X20-MM)						
	4	1	9X-8256	9	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01220952

GENERATORS

256-4202 STATOR GP-MAIN

S/N: G2E1-UP

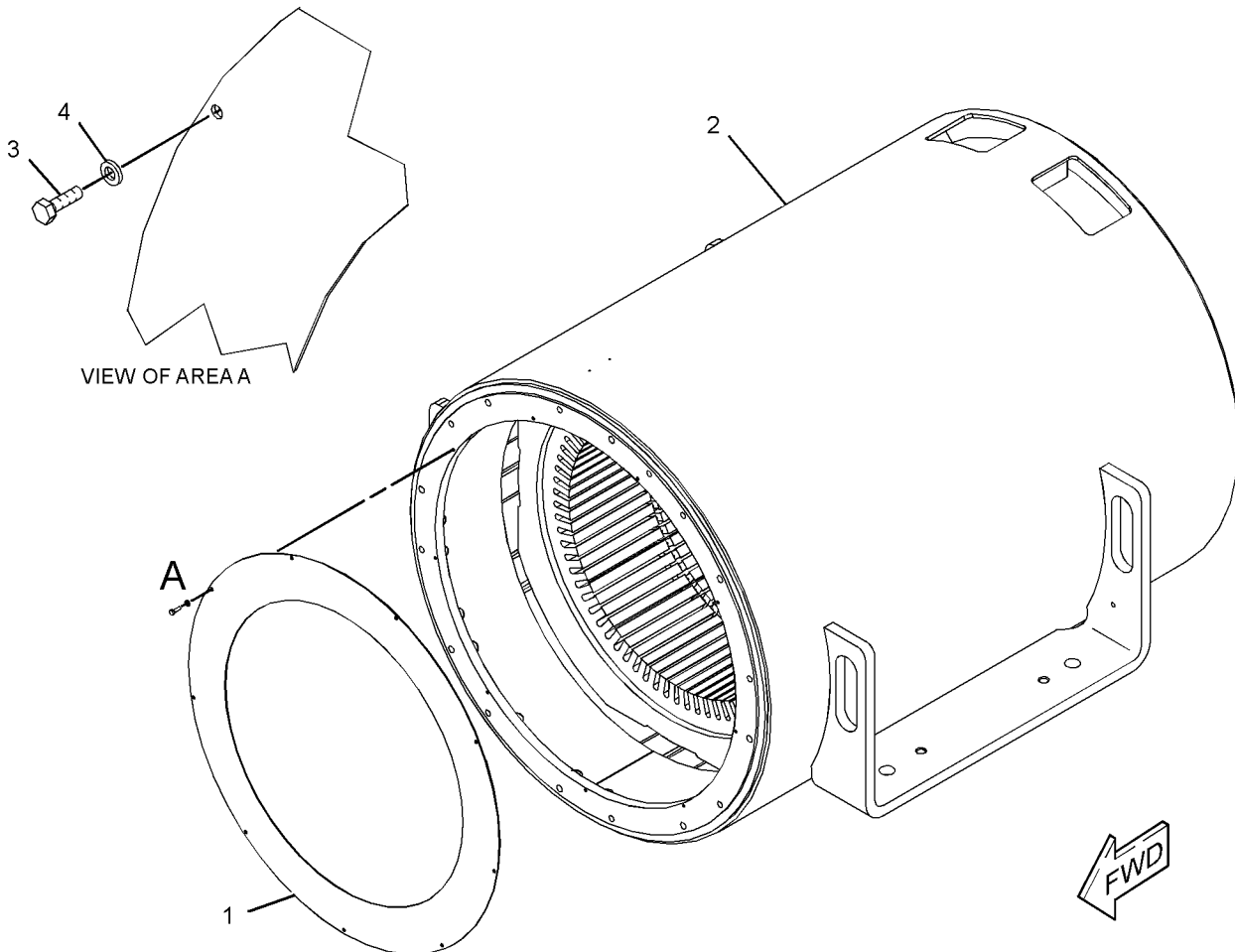
PART OF 252-4073 GENERATOR GP

SMCS-4453

i02442012

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	253-3508	1	BAFFLE						
	2	1	254-8522	1	STATOR AS						
M	3	1	8T-4138	9	BOLT (M6X1X20-MM)						
	4	1	9X-8256	9	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01220952

GENERATORS

256-4203 STATOR GP-MAIN

S/N: G2E1-UP

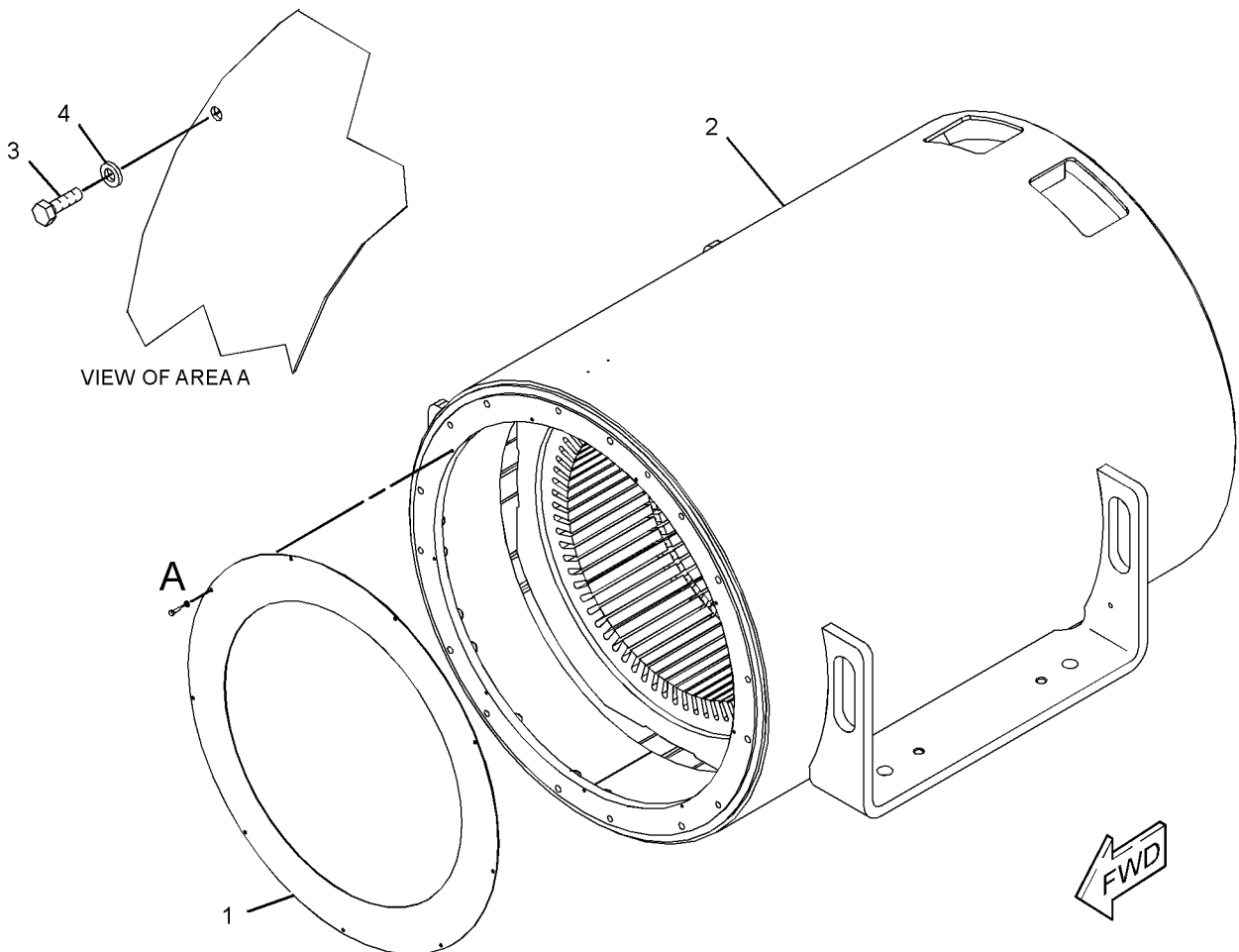
PART OF 252-4075 GENERATOR GP

SMCS-4453

i02442010

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	253-3508	1	BAFFLE						
	2	1	254-8523	1	STATOR AS						
M	3	1	8T-4138	9	BOLT (M6X1X20-MM)						
	4	1	9X-8256	9	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01220952

GENERATORS

256-4204 STATOR GP-MAIN

S/N: G2E1-UP

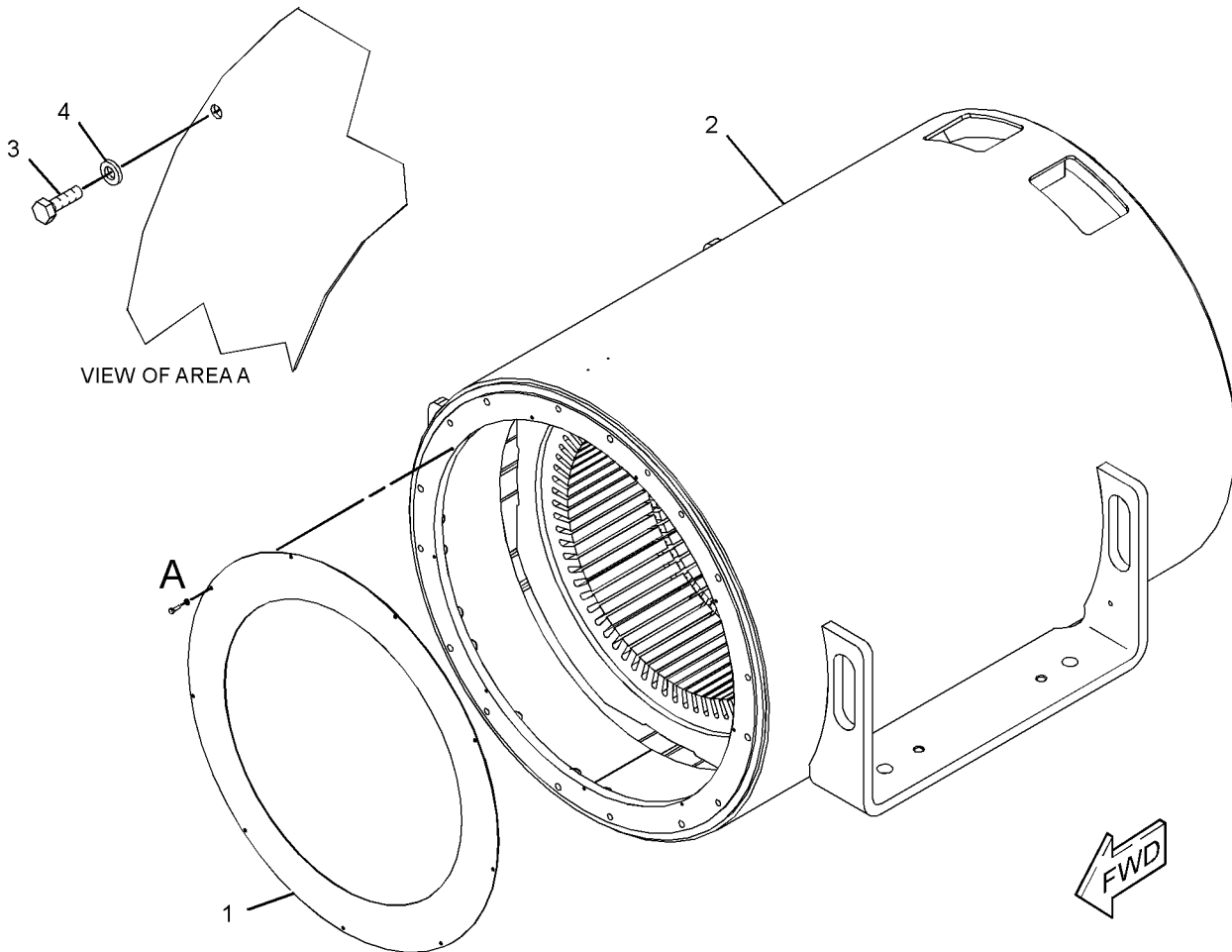
PART OF 252-4185 GENERATOR GP

SMCS-4453

i02442022

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	253-3508	1	BAFFLE						
	2	1	254-8580	1	STATOR AS						
M	3	1	8T-4138	9	BOLT (M6X1X20-MM)						
	4	1	9X-8256	9	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01220952

GENERATORS

256-4205 STATOR GP-MAIN

S/N: G2E1-UP

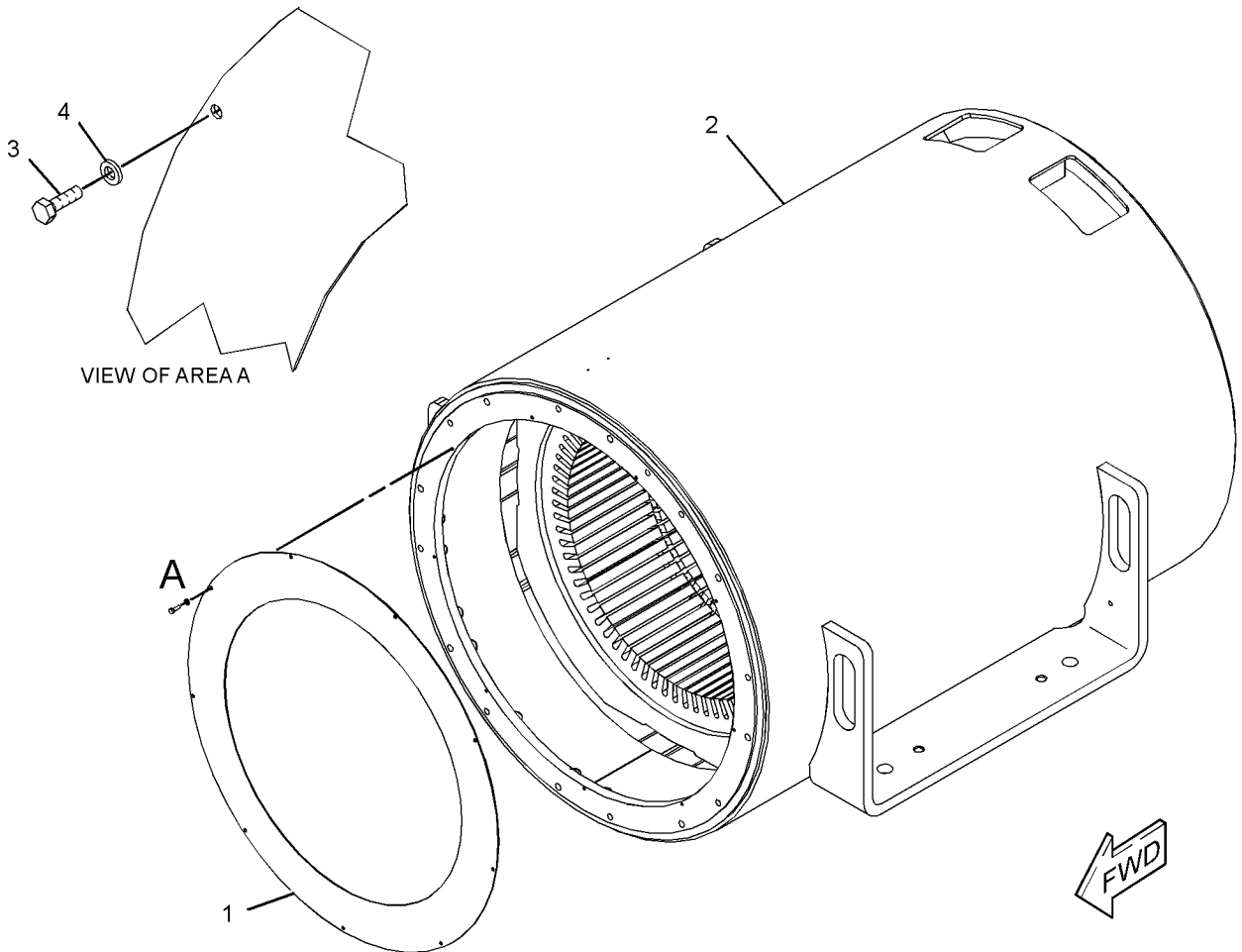
PART OF 252-4187 GENERATOR GP

SMCS-4453

i02442013

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	253-3508	1	BAFFLE						
	2	1	254-8581	1	STATOR AS						
M	3	1	8T-4138	9	BOLT (M6X1X20-MM)						
	4	1	9X-8256	9	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01220952

GENERATORS

256-4206 STATOR GP-MAIN

S/N: G2F1-UP

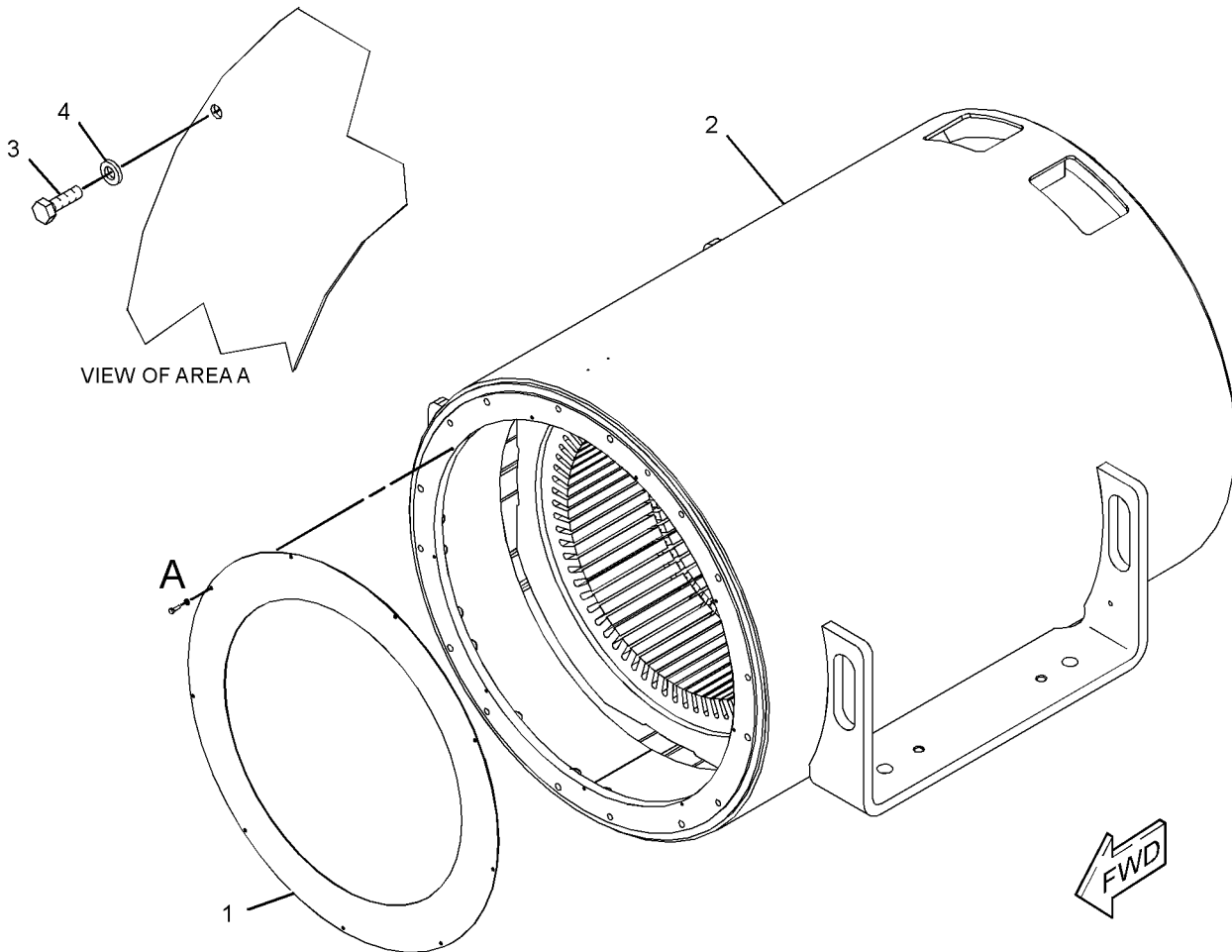
PART OF 252-3899 GENERATOR GP

SMCS-4453

i02442019

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	253-3508	1	BAFFLE						
	2	1	254-8427	1	STATOR AS						
M	3	1	8T-4138	9	BOLT (M6X1X20-MM)						
	4	1	9X-8256	9	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01220952

GENERATORS

256-4207 STATOR GP-MAIN

S/N: G2F1-UP

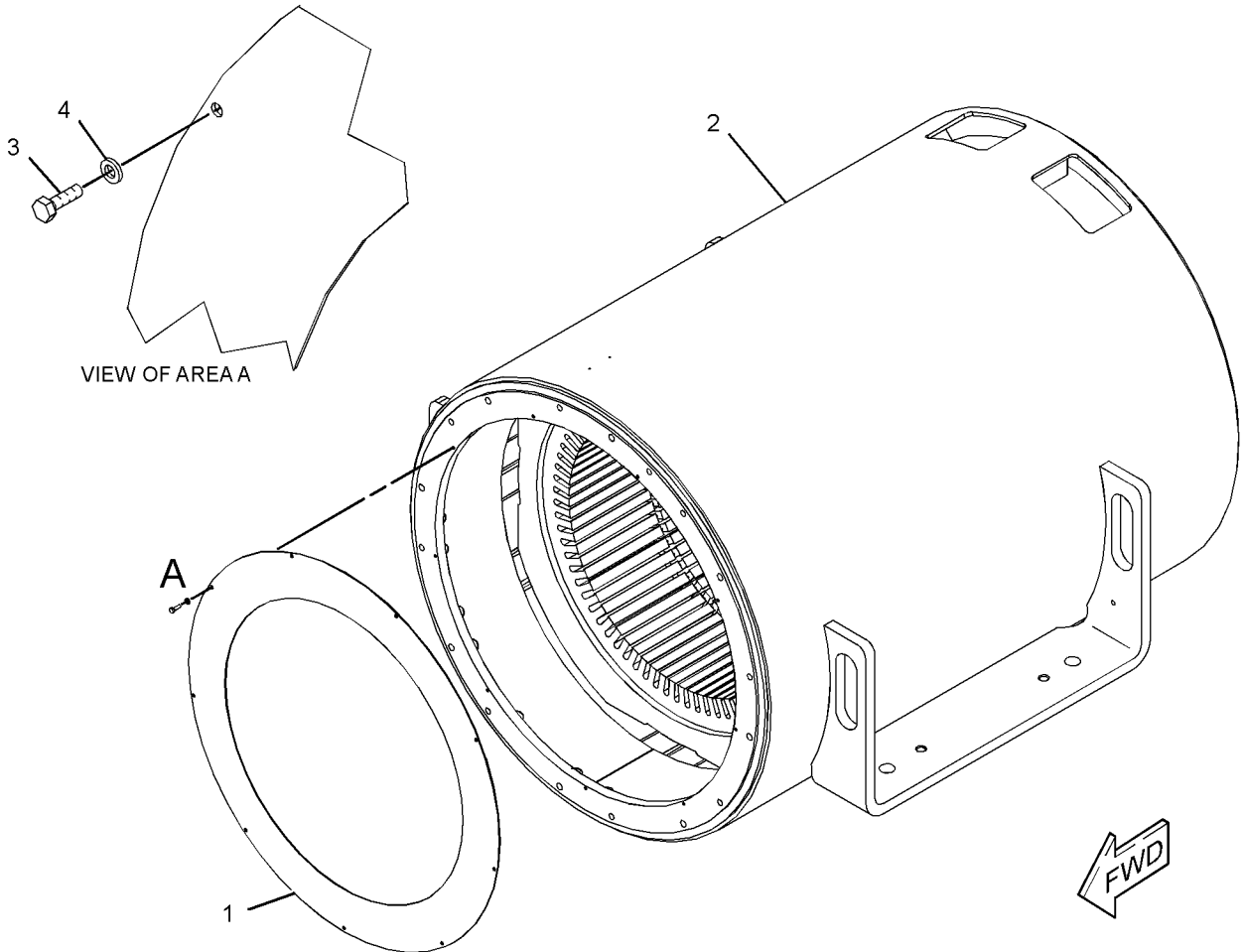
PART OF 252-3901 GENERATOR GP

SMCS-4453

i02441999

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	253-3508	1	BAFFLE						
	2	1	254-8428	1	STATOR AS						
M	3	1	8T-4138	9	BOLT (M6X1X20-MM)						
	4	1	9X-8256	9	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01220952

GENERATORS

256-4208 STATOR GP-MAIN

S/N: G2F1-UP

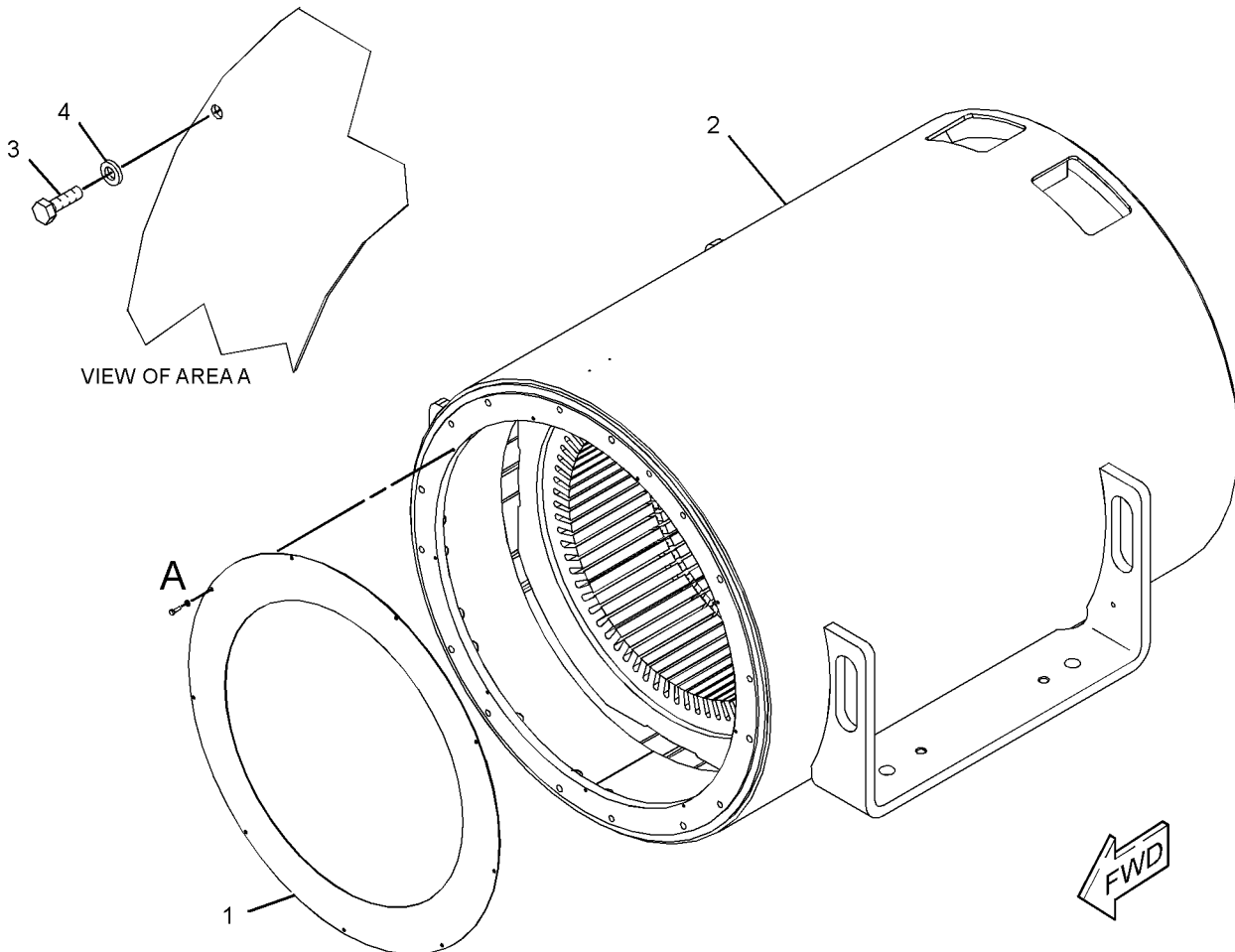
PART OF 252-4193 GENERATOR GP

SMCS-4453

i02442017

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	253-3508	1	BAFFLE						
	2	1	254-8584	1	STATOR AS						
M	3	1	8T-4138	9	BOLT (M6X1X20-MM)						
	4	1	9X-8256	9	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01220952

GENERATORS

256-4209 STATOR GP-MAIN

S/N: G2F1-UP

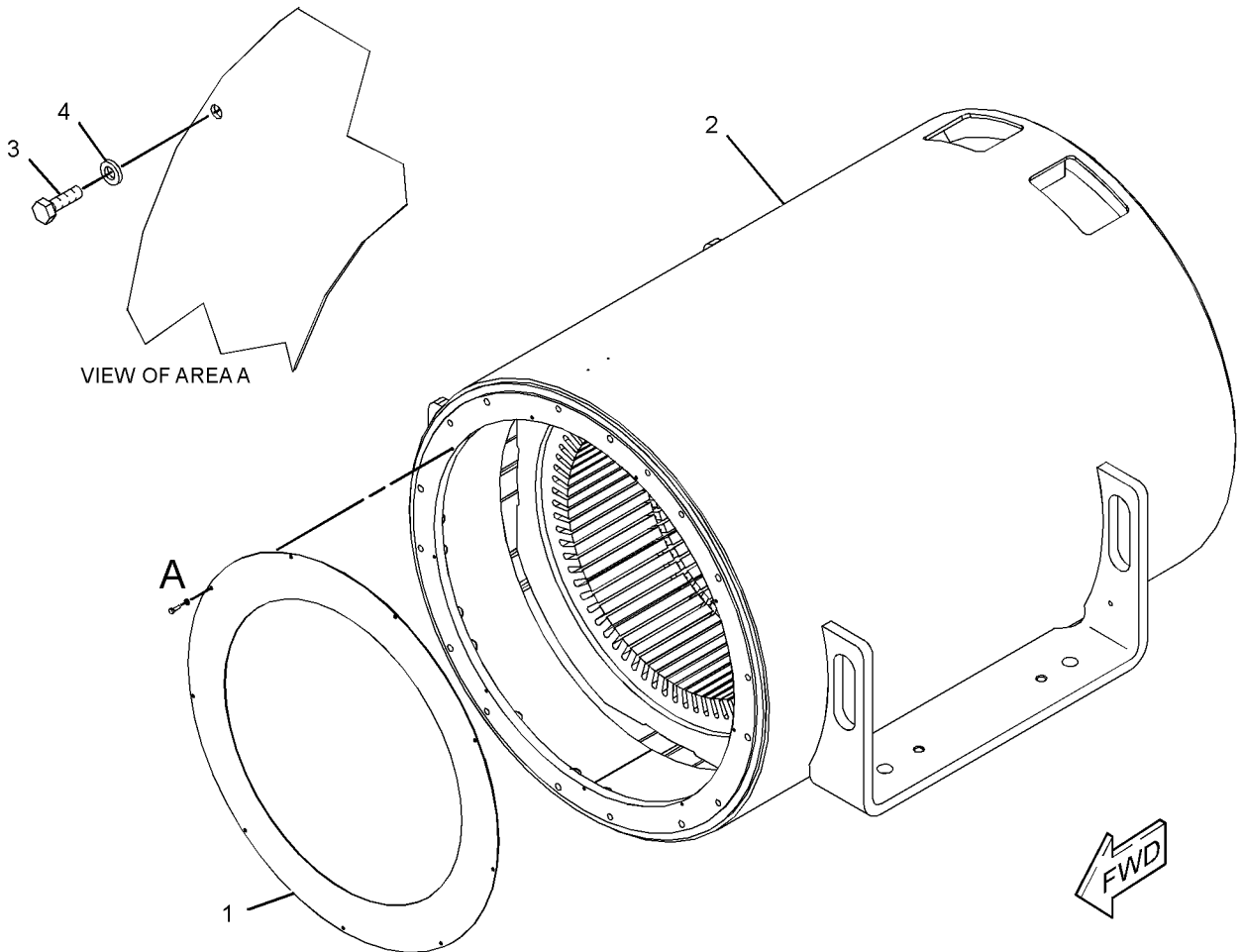
PART OF 252-4195 GENERATOR GP

SMCS-4453

i02442014

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	253-3508	1	BAFFLE						
	2	1	254-8585	1	STATOR AS						
M	3	1	8T-4138	9	BOLT (M6X1X20-MM)						
	4	1	9X-8256	9	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01220952

GENERATORS

256-4210 STATOR GP-MAIN

S/N: G2G1-UP

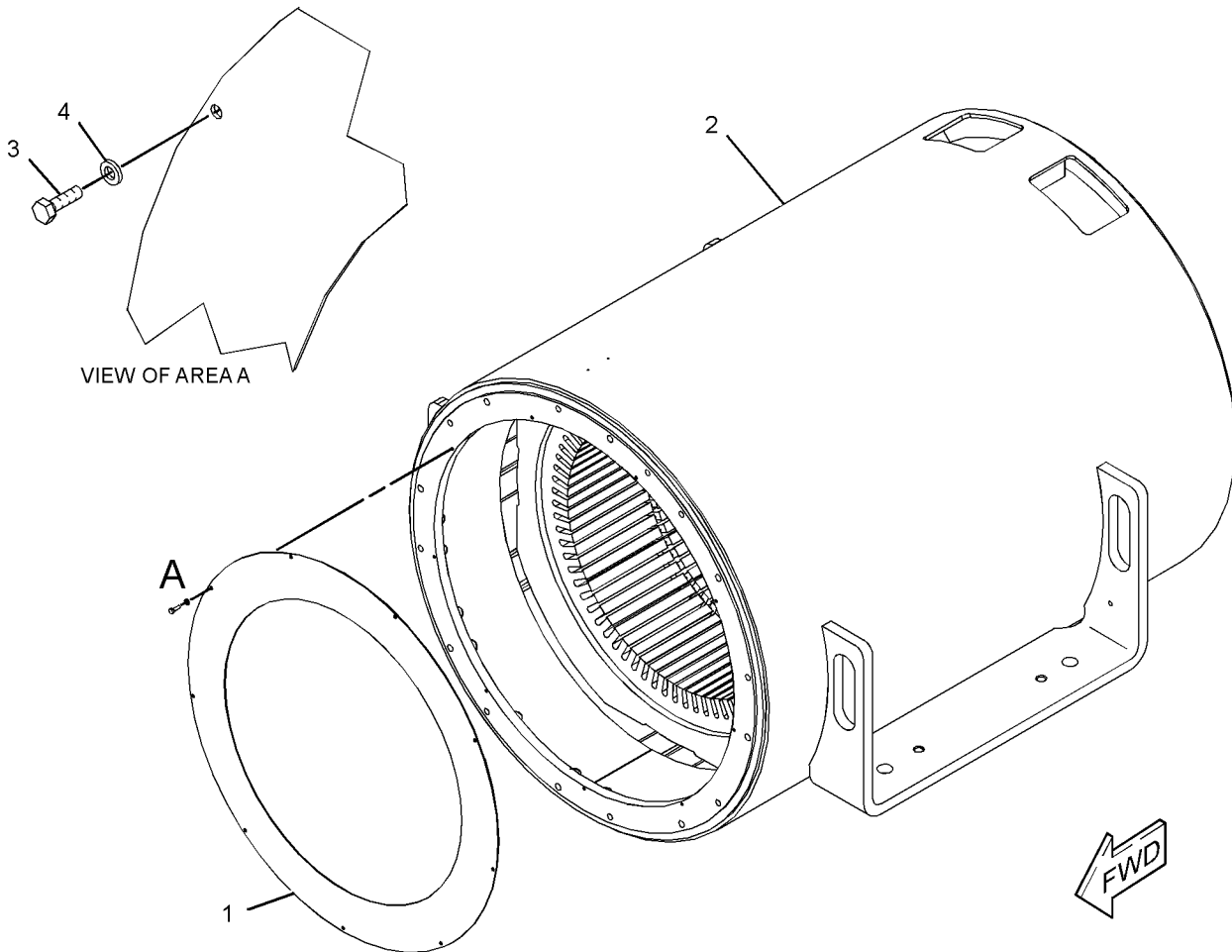
PART OF 252-3907 GENERATOR GP

SMCS-4453

i02442025

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	253-3508	1	BAFFLE						
	2	1	254-8431	1	STATOR AS						
M	3	1	8T-4138	9	BOLT (M6X1X20-MM)						
	4	1	9X-8256	9	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01220952

GENERATORS

256-4211 STATOR GP-MAIN

S/N: G2G1-UP

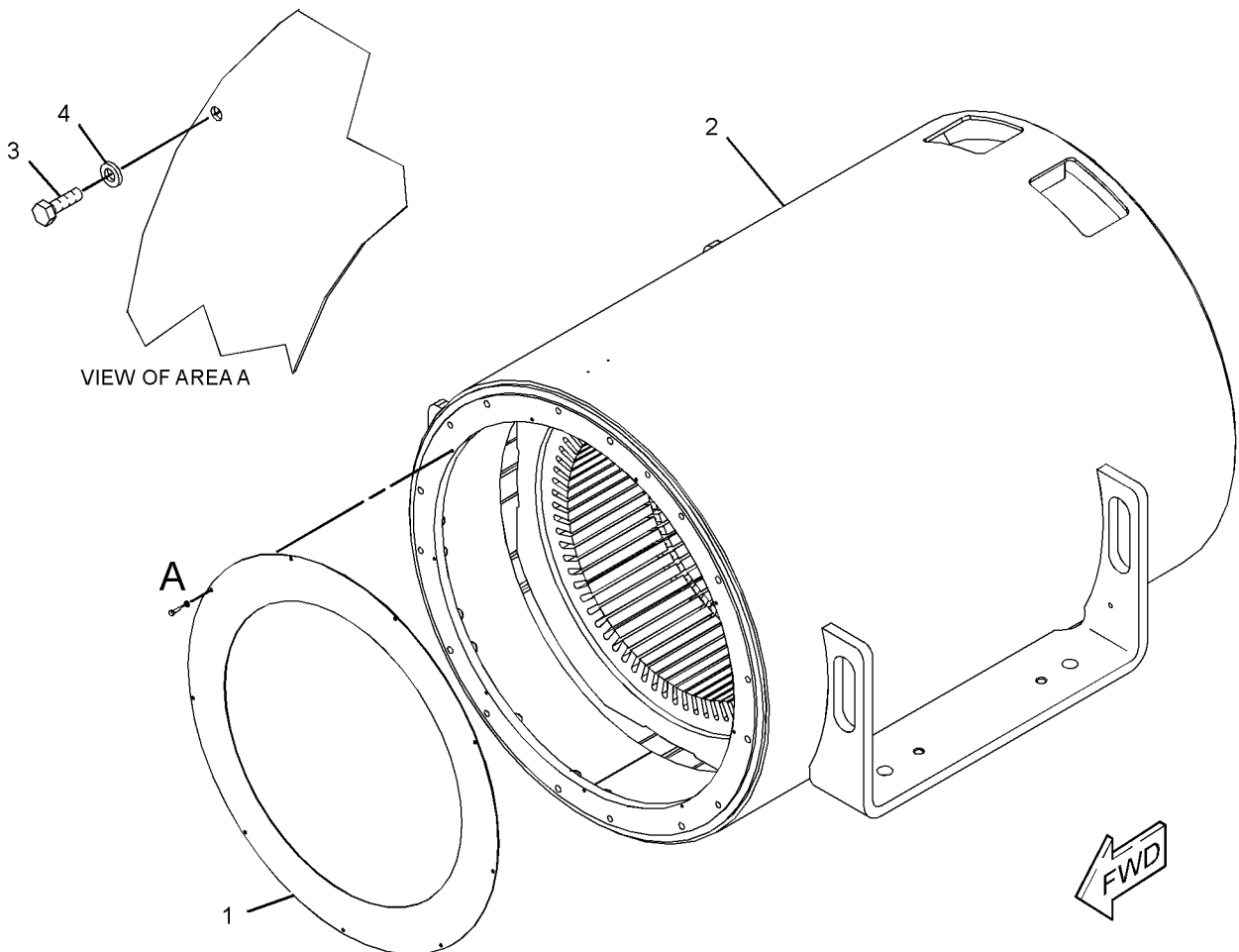
PART OF 252-3909 GENERATOR GP

SMCS-4453

i02442026

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	253-3508	1	BAFFLE						
	2	1	254-8432	1	STATOR AS						
M	3	1	8T-4138	9	BOLT (M6X1X20-MM)						
	4	1	9X-8256	9	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01220952

GENERATORS

256-4212 STATOR GP-MAIN

S/N: G2G1-UP

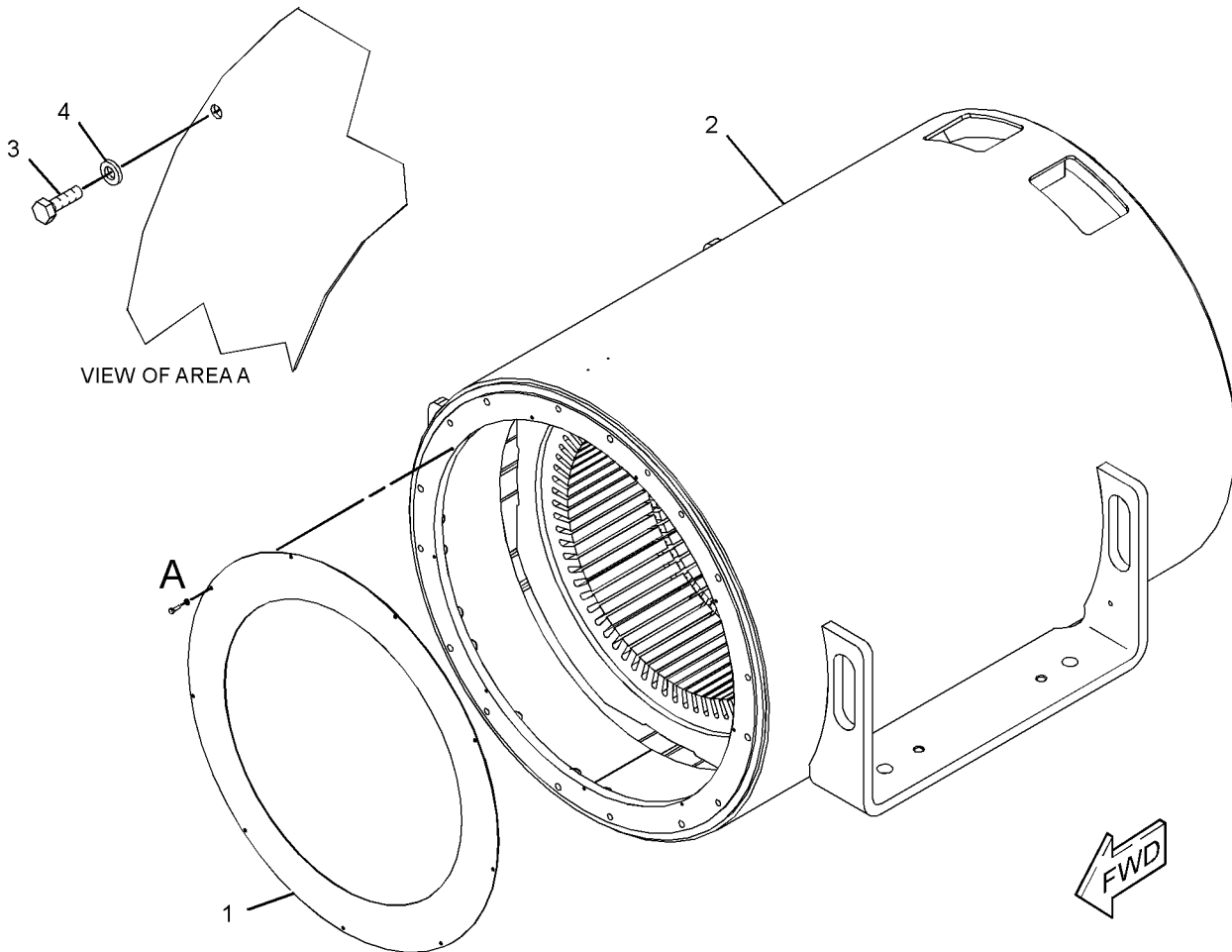
PART OF 252-4201 GENERATOR GP

SMCS-4453

i02442021

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	253-3508	1	BAFFLE						
	2	1	254-8652	1	STATOR AS						
M	3	1	8T-4138	9	BOLT (M6X1X20-MM)						
	4	1	9X-8256	9	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01220952

GENERATORS

256-4213 STATOR GP-MAIN

S/N: G2G1-UP

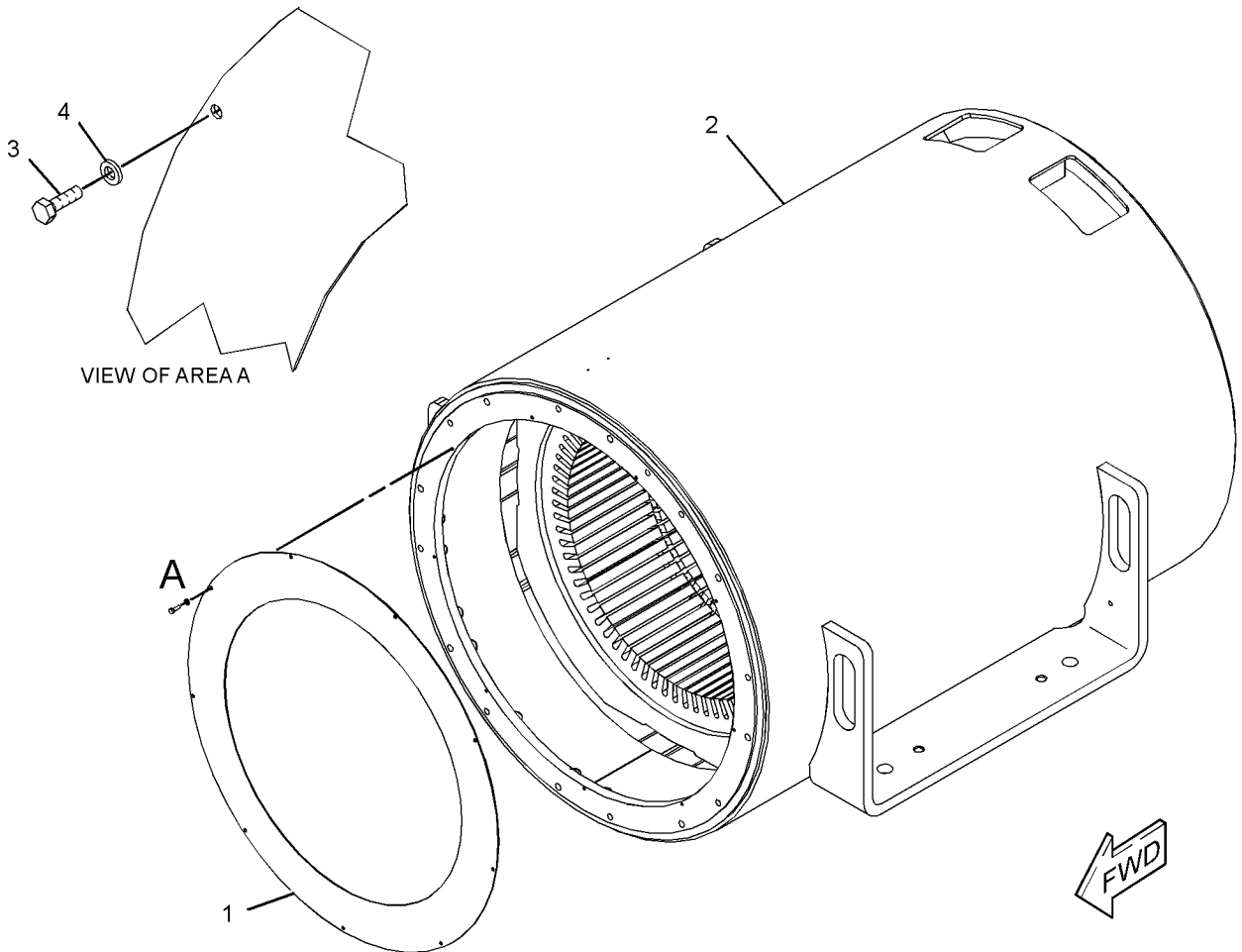
PART OF 252-4203 GENERATOR GP

SMCS-4453

i02442024

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	253-3508	1	BAFFLE						
	2	1	254-8653	1	STATOR AS						
M	3	1	8T-4138	9	BOLT (M6X1X20-MM)						
	4	1	9X-8256	9	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01220952

GENERATORS

256-4221 STATOR GP-MAIN

S/N: G2E1-UP

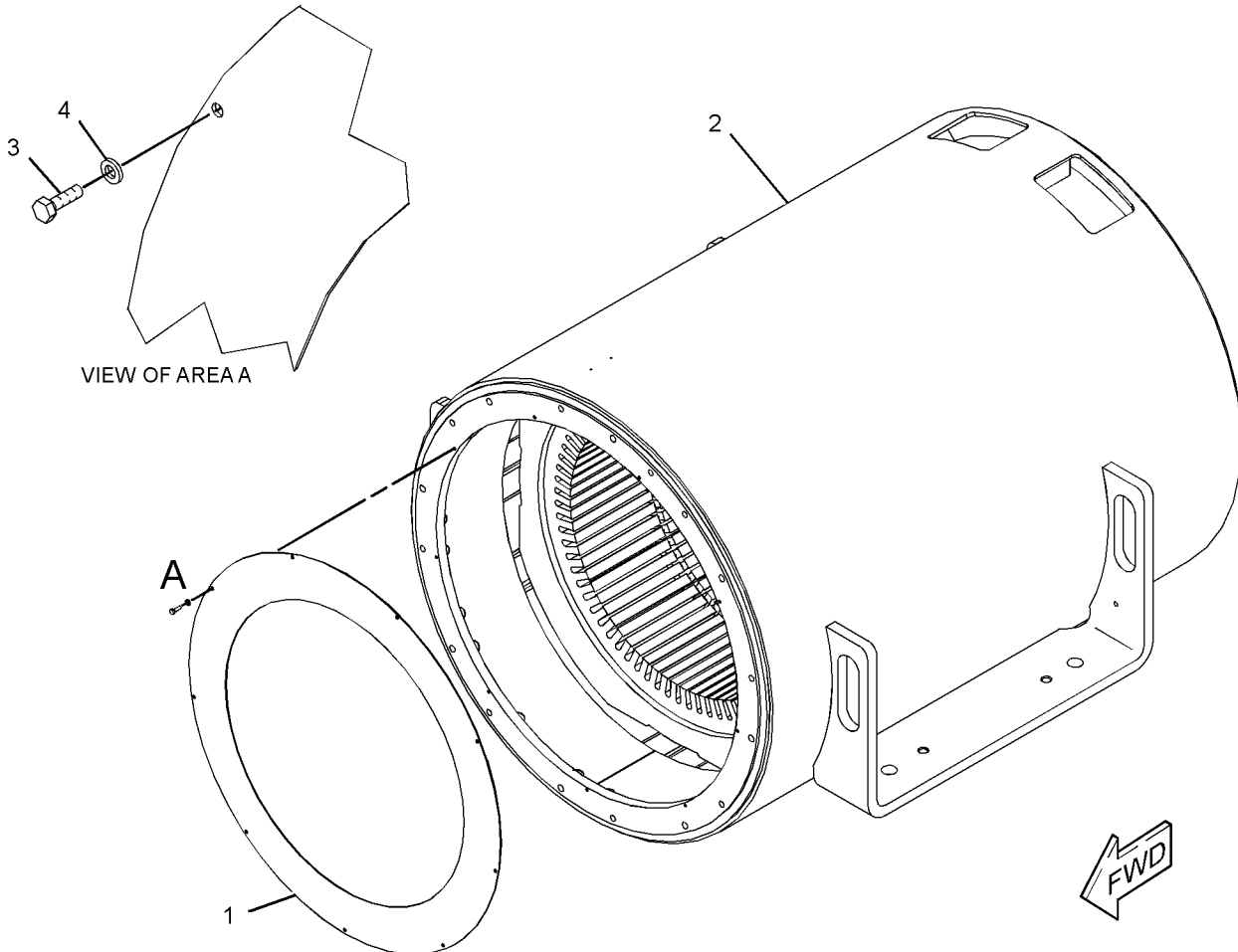
PART OF 252-3897 GENERATOR GP

SMCS-4453

i02442023

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	253-3508	1	BAFFLE						
	2	1	254-8426	1	STATOR AS						
M	3	1	8T-4138	9	BOLT (M6X1X20-MM)						
	4	1	9X-8256	9	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01220952

GENERATORS

256-4223 STATOR GP-MAIN

S/N: G2E1-UP

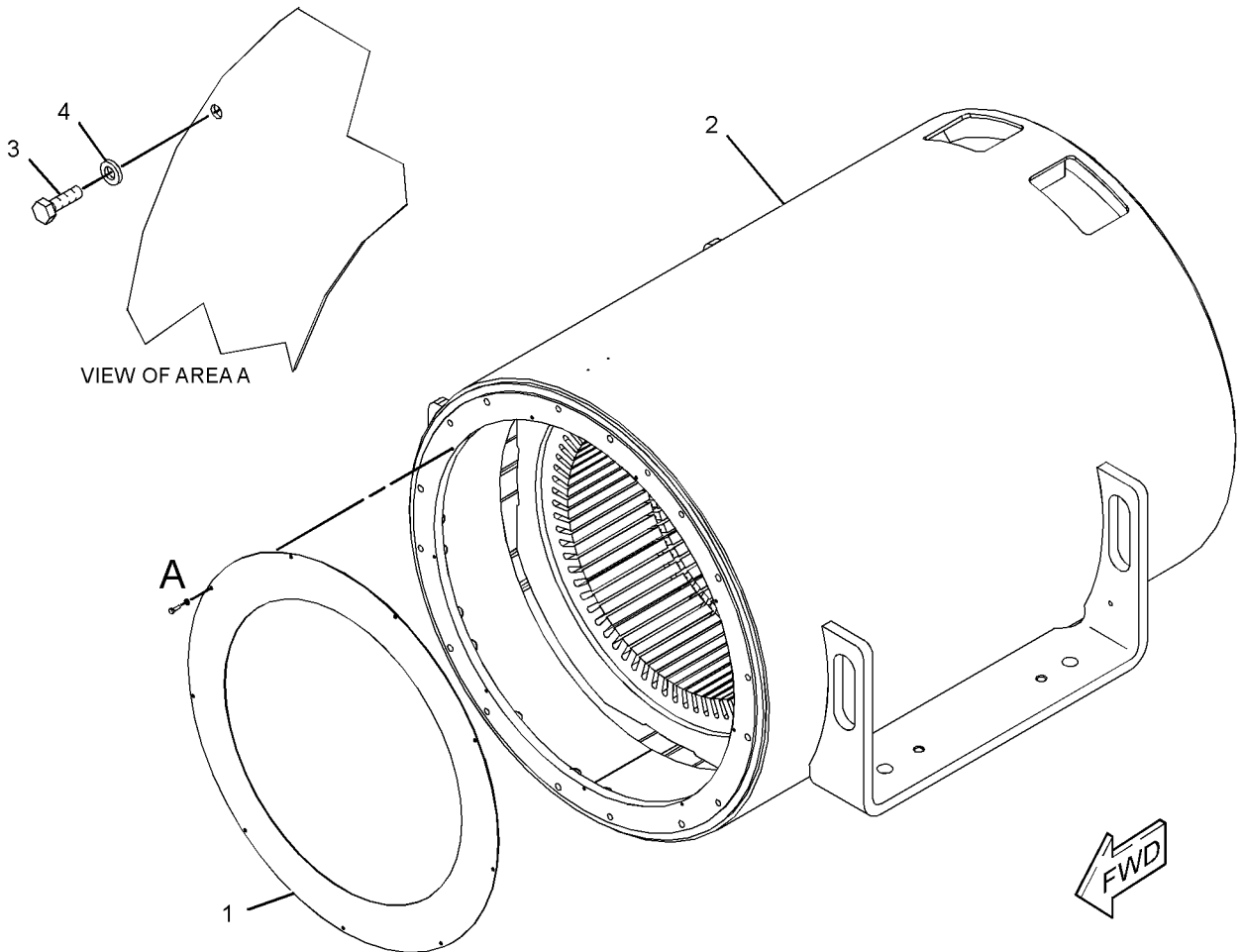
PART OF 252-3971 GENERATOR GP

SMCS-4453

i02443160

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	253-3508	1	BAFFLE						
	2	1	254-8465	1	STATOR AS						
M	3	1	8T-4138	9	BOLT (M6X1X20-MM)						
	4	1	9X-8256	9	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01220952

GENERATORS

256-4224 STATOR GP-MAIN

S/N: G2E1-UP

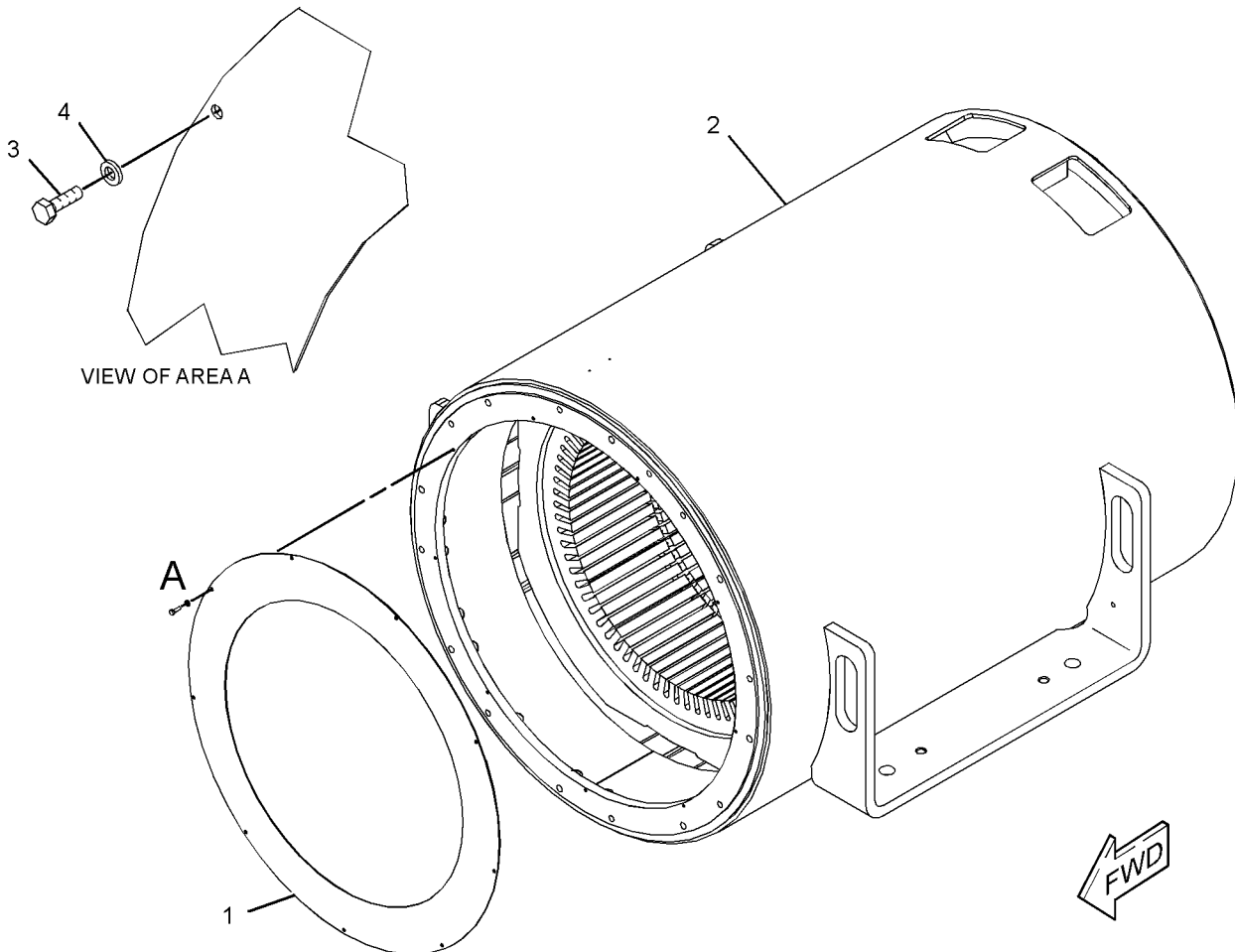
PART OF 252-4077 GENERATOR GP

SMCS-4453

i02441997

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	253-3508	1	BAFFLE						
	2	1	254-8524	1	STATOR AS						
M	3	1	8T-4138	9	BOLT (M6X1X20-MM)						
	4	1	9X-8256	9	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01220952

GENERATORS

256-4225 STATOR GP-MAIN

S/N: G2E1-UP

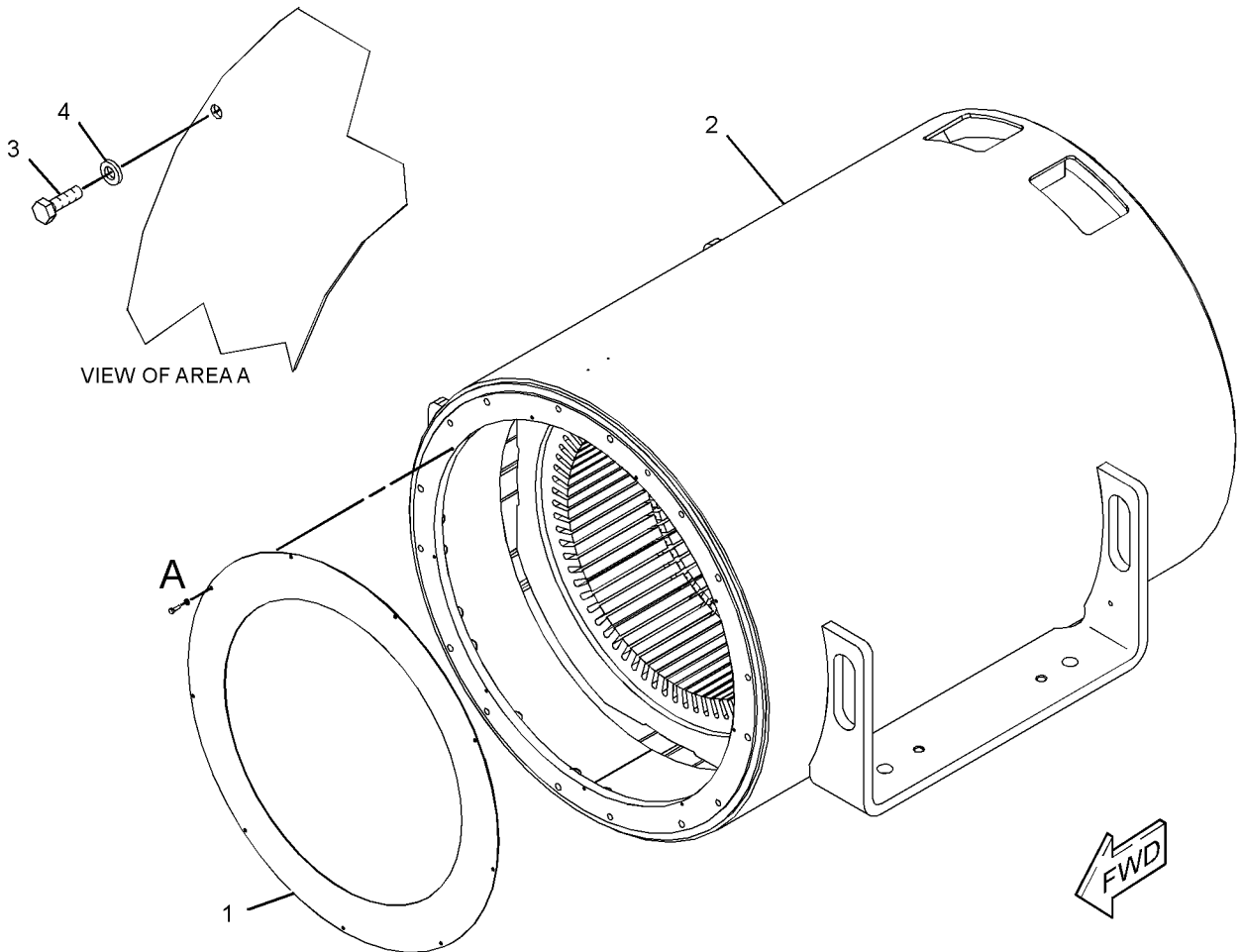
PART OF 252-4079 GENERATOR GP

SMCS-4453

i02441996

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	253-3508	1	BAFFLE						
	2	1	254-8525	1	STATOR AS						
M	3	1	8T-4138	9	BOLT (M6X1X20-MM)						
	4	1	9X-8256	9	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01220952

GENERATORS

256-4226 STATOR GP-MAIN

S/N: G2E1-UP

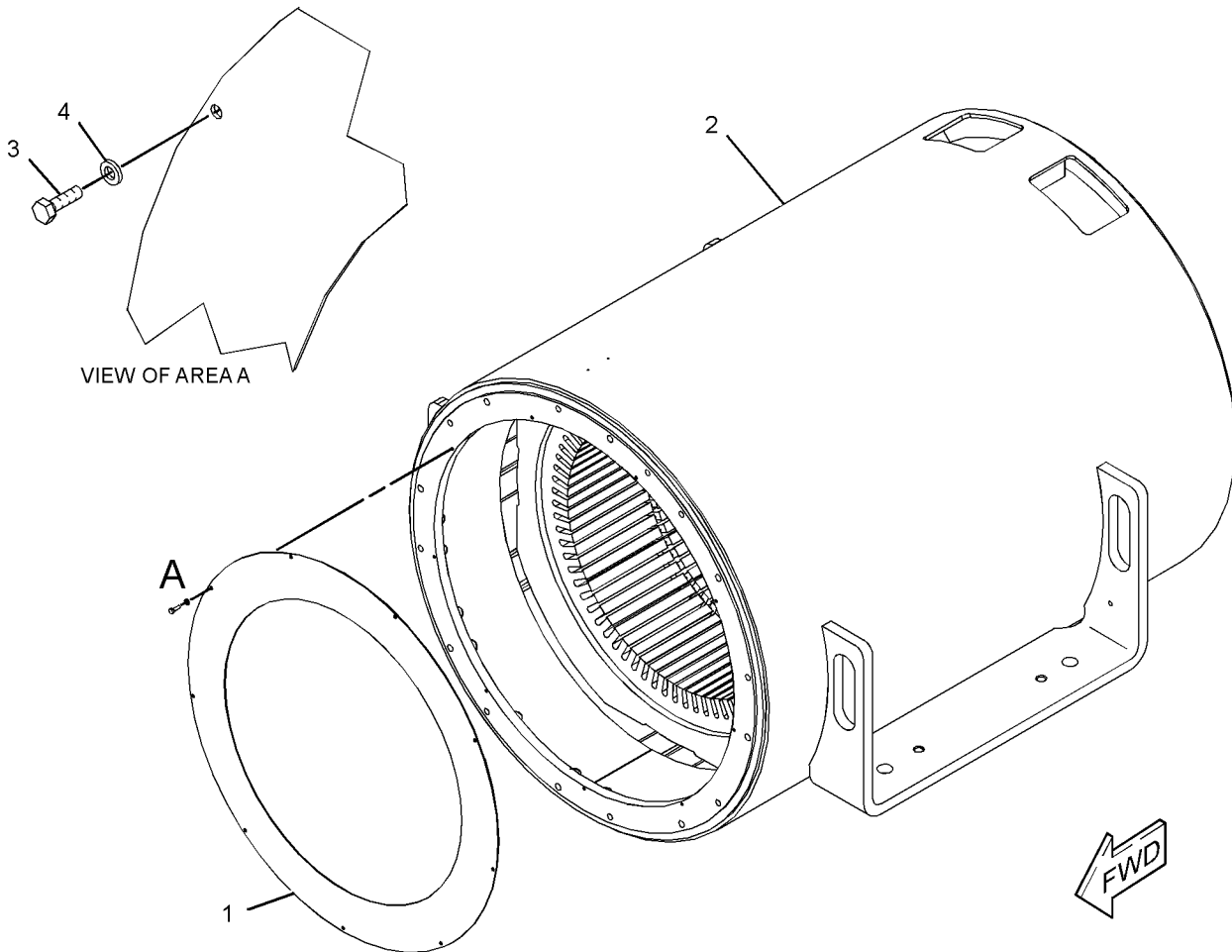
PART OF 252-4189 GENERATOR GP

SMCS-4453

i02442015

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	253-3508	1	BAFFLE						
	2	1	254-8582	1	STATOR AS						
M	3	1	8T-4138	9	BOLT (M6X1X20-MM)						
	4	1	9X-8256	9	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01220952

GENERATORS

256-4227 STATOR GP-MAIN

S/N: G2E1-UP

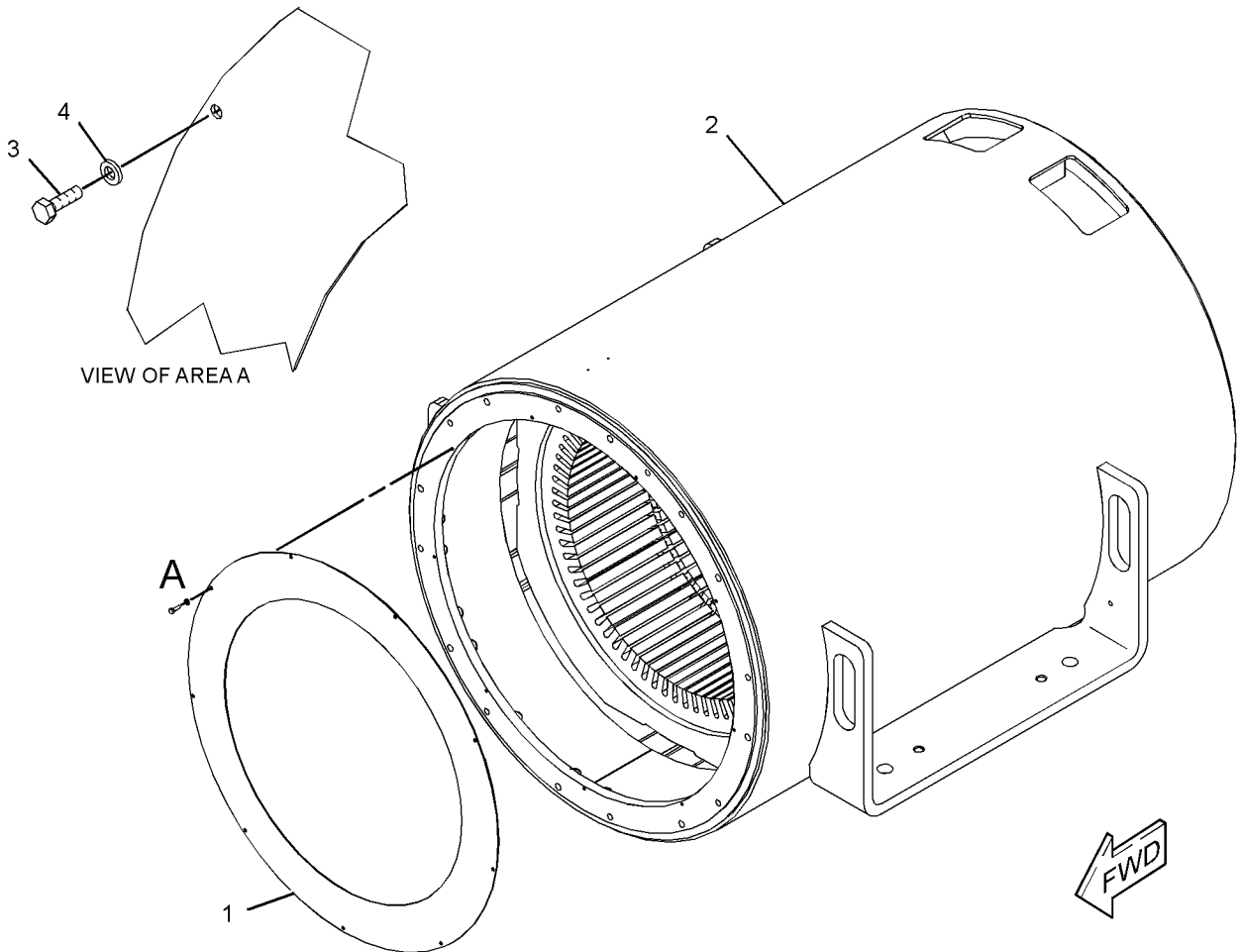
PART OF 252-4191 GENERATOR GP

SMCS-4453

i02441998

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	253-3508	1	BAFFLE						
	2	1	254-8583	1	STATOR AS						
M	3	1	8T-4138	9	BOLT (M6X1X20-MM)						
	4	1	9X-8256	9	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01220952

GENERATORS

256-4228 STATOR GP-MAIN

S/N: G2F1-UP

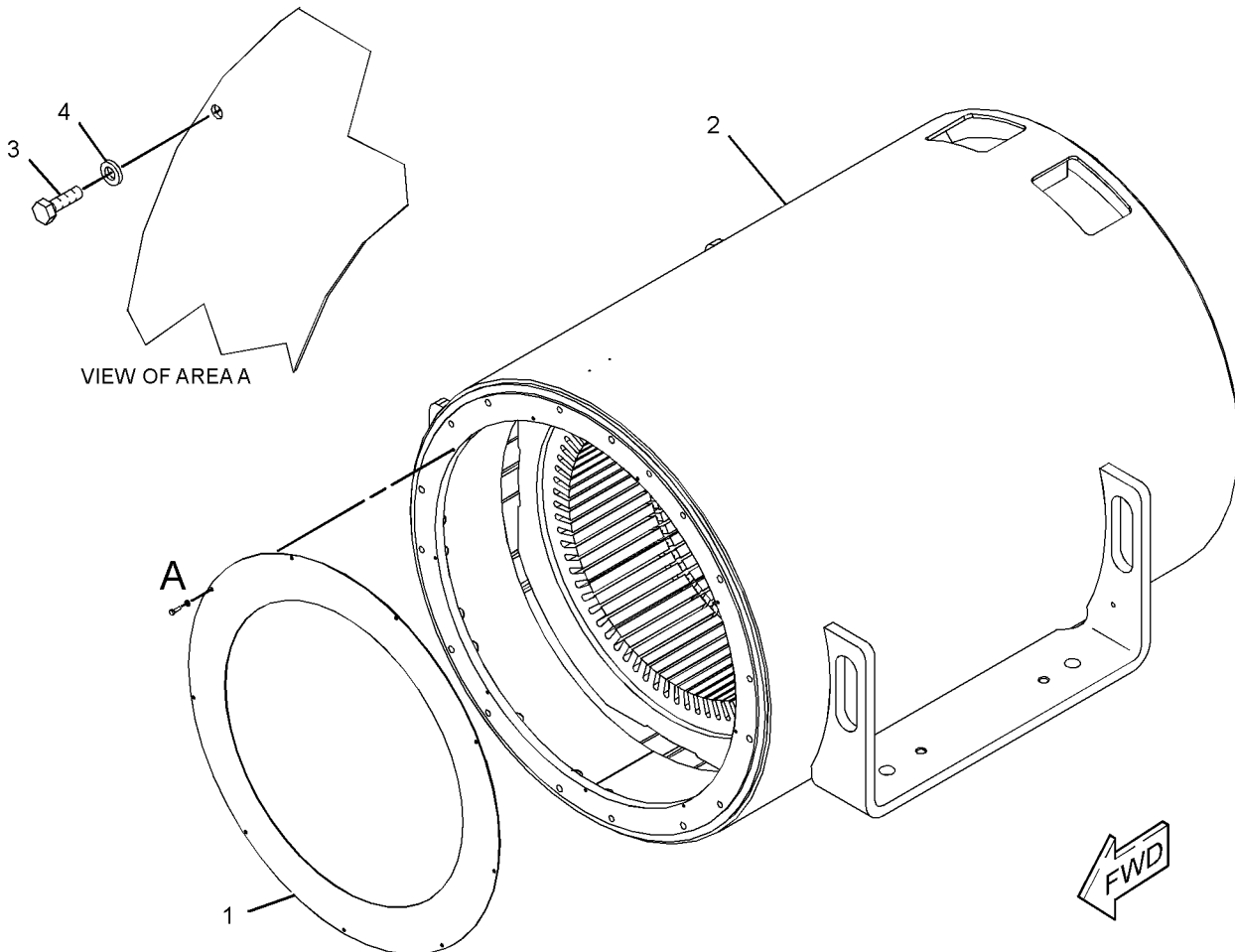
PART OF 252-3903 GENERATOR GP

SMCS-4453

i02442018

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	253-3508	1	BAFFLE						
	2	1	254-8429	1	STATOR AS						
M	3	1	8T-4138	9	BOLT (M6X1X20-MM)						
	4	1	9X-8256	9	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01220952

GENERATORS

256-4229 STATOR GP-MAIN

S/N: G2F1-UP

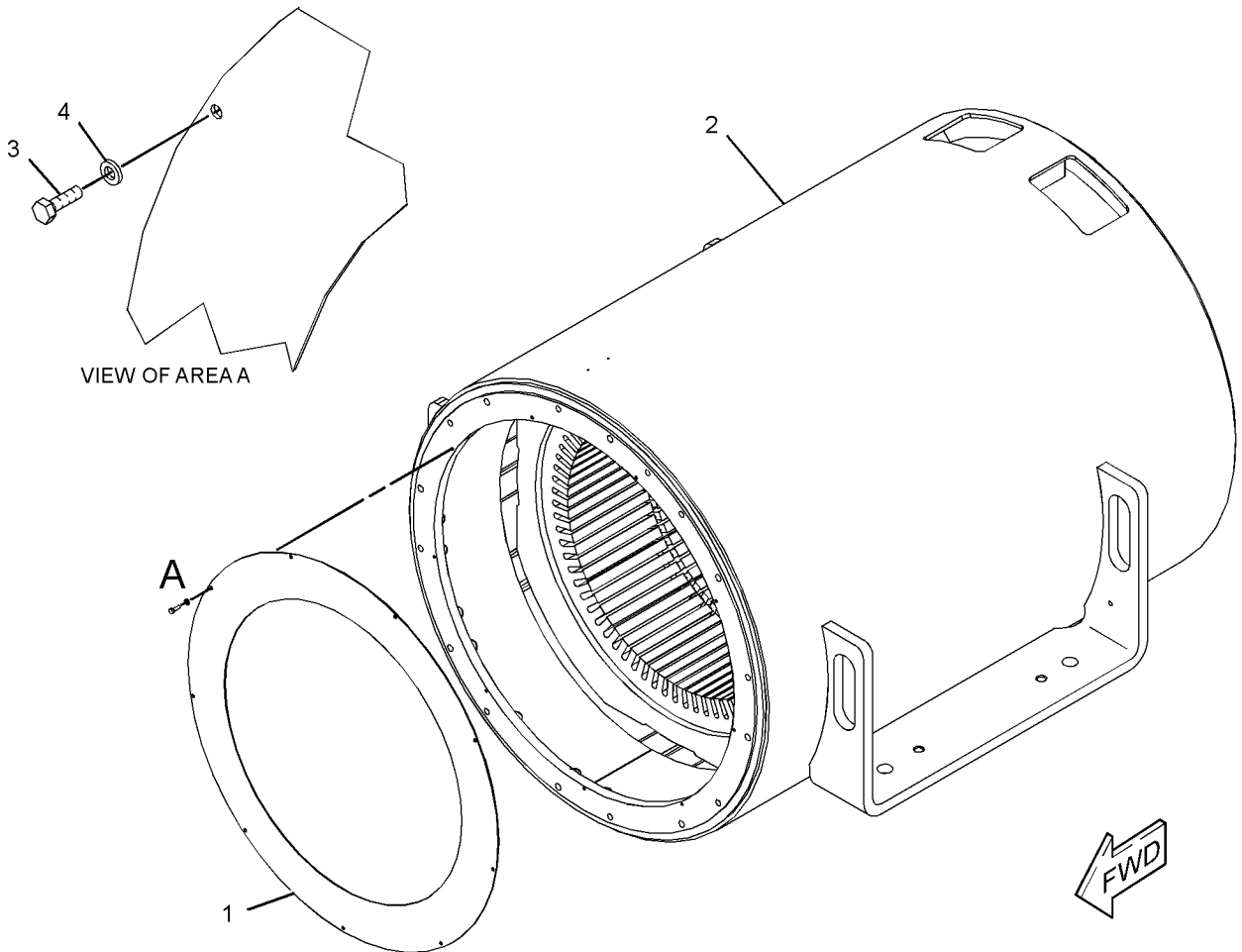
PART OF 252-3905 GENERATOR GP

SMCS-4453

i02442007

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	253-3508	1	BAFFLE						
	2	1	254-8430	1	STATOR AS						
M	3	1	8T-4138	9	BOLT (M6X1X20-MM)						
	4	1	9X-8256	9	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01220952

GENERATORS

256-4231 STATOR GP-MAIN

S/N: G2F1-UP

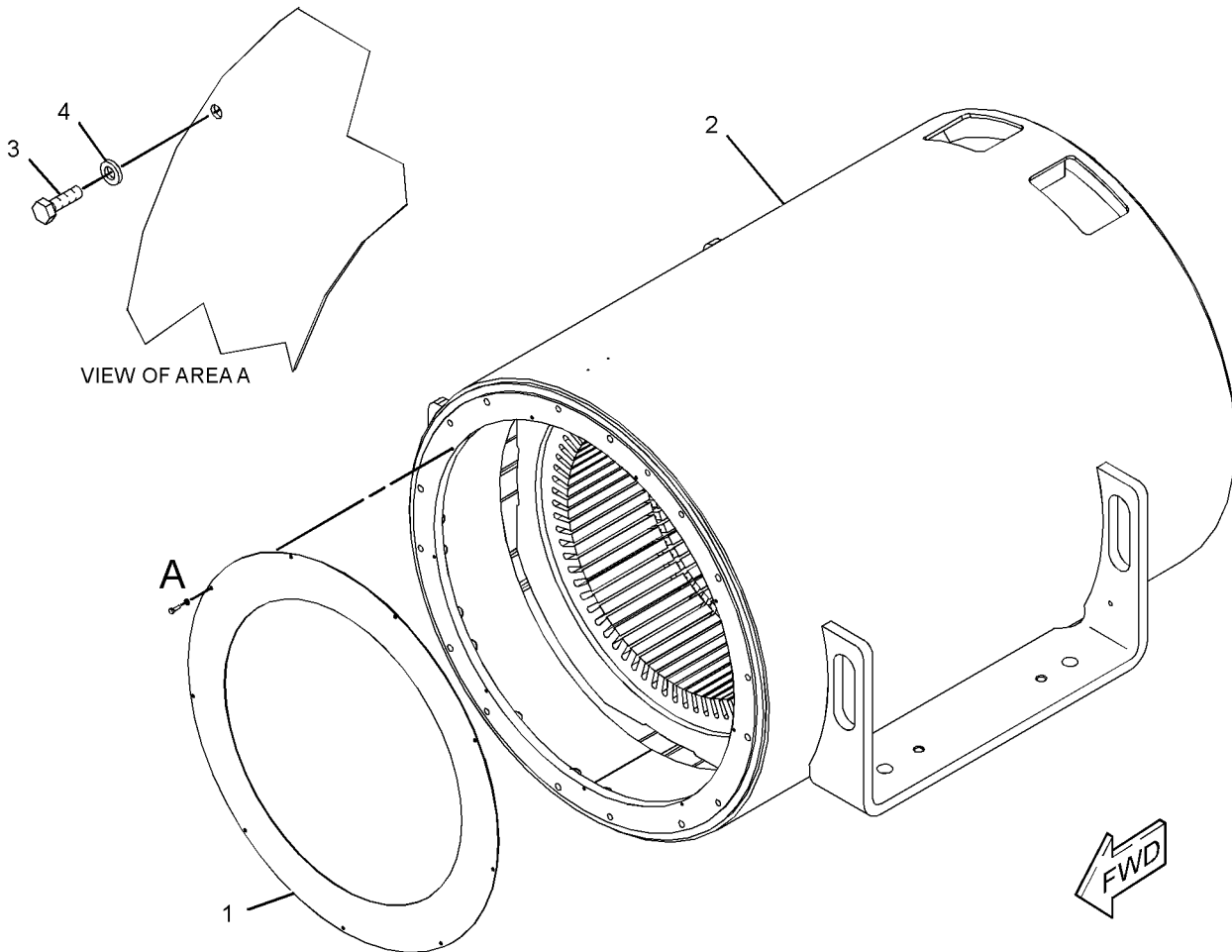
PART OF 252-3973 GENERATOR GP

SMCS-4453

i02443086

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	253-3508	1	BAFFLE						
	2	1	254-8466	1	STATOR AS						
M	3	1	8T-4138	9	BOLT (M6X1X20-MM)						
	4	1	9X-8256	9	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01220952

GENERATORS

256-4232 STATOR GP-MAIN

S/N: G2F1-UP

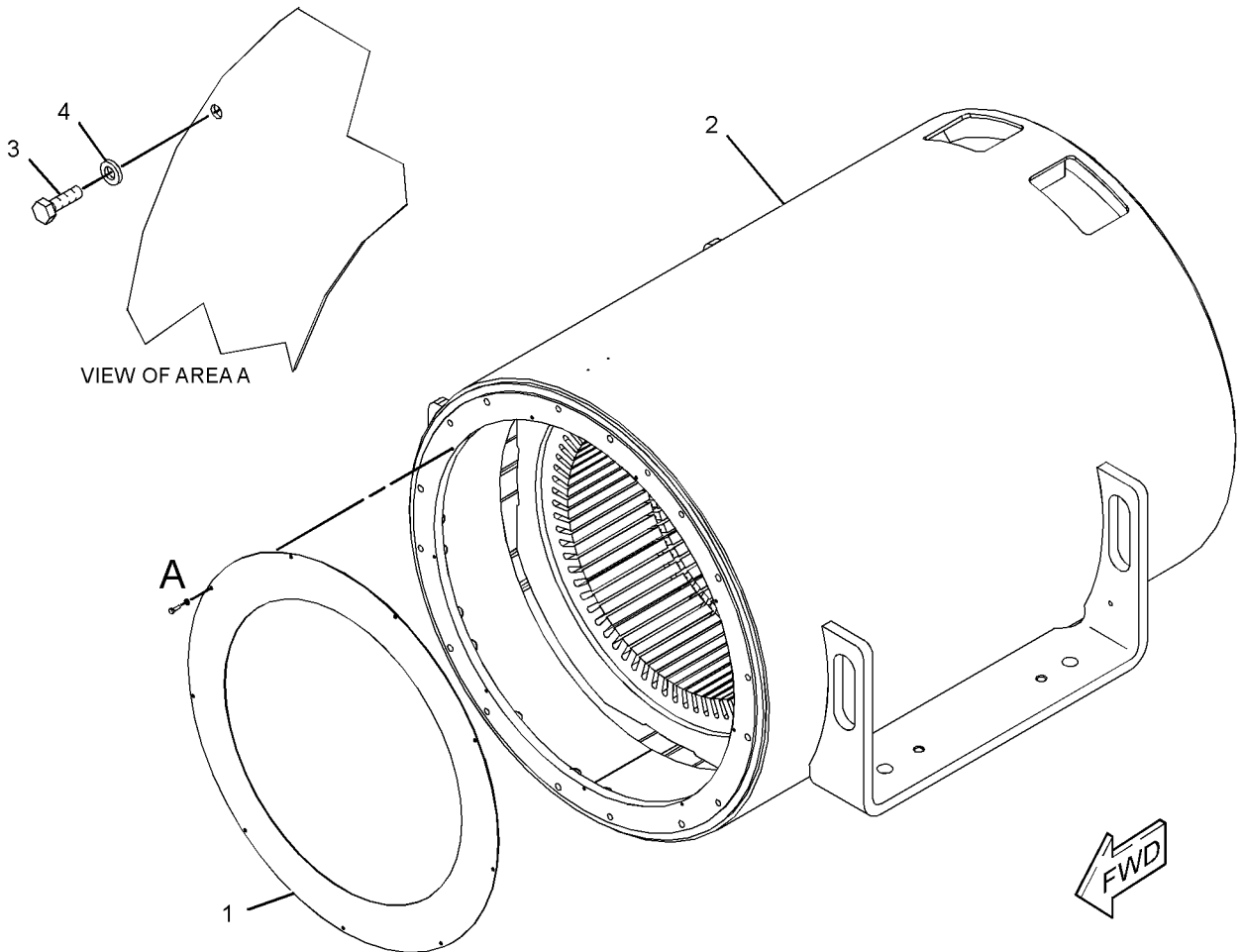
PART OF 252-4197 GENERATOR GP

SMCS-4453

i02442016

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	253-3508	1	BAFFLE						
	2	1	254-8586	1	STATOR AS						
M	3	1	8T-4138	9	BOLT (M6X1X20-MM)						
	4	1	9X-8256	9	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01220952

GENERATORS

256-4233 STATOR GP-MAIN

S/N: G2F1-UP

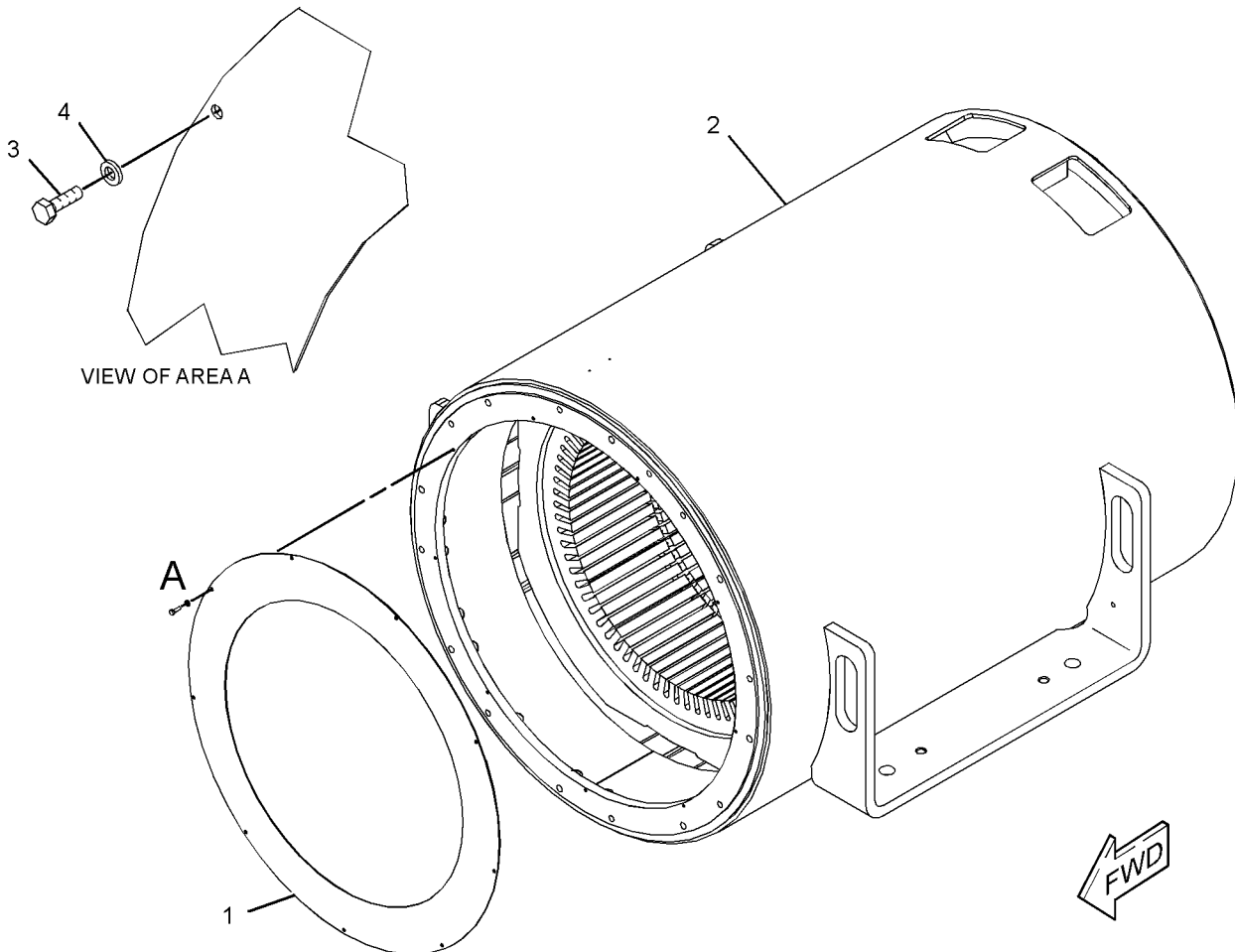
PART OF 252-4199 GENERATOR GP

SMCS-4453

i02442000

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	253-3508	1	BAFFLE						
	2	1	254-8651	1	STATOR AS						
M	3	1	8T-4138	9	BOLT (M6X1X20-MM)						
	4	1	9X-8256	9	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01220952

GENERATORS

256-4235 STATOR GP-MAIN

S/N: G2G1-UP

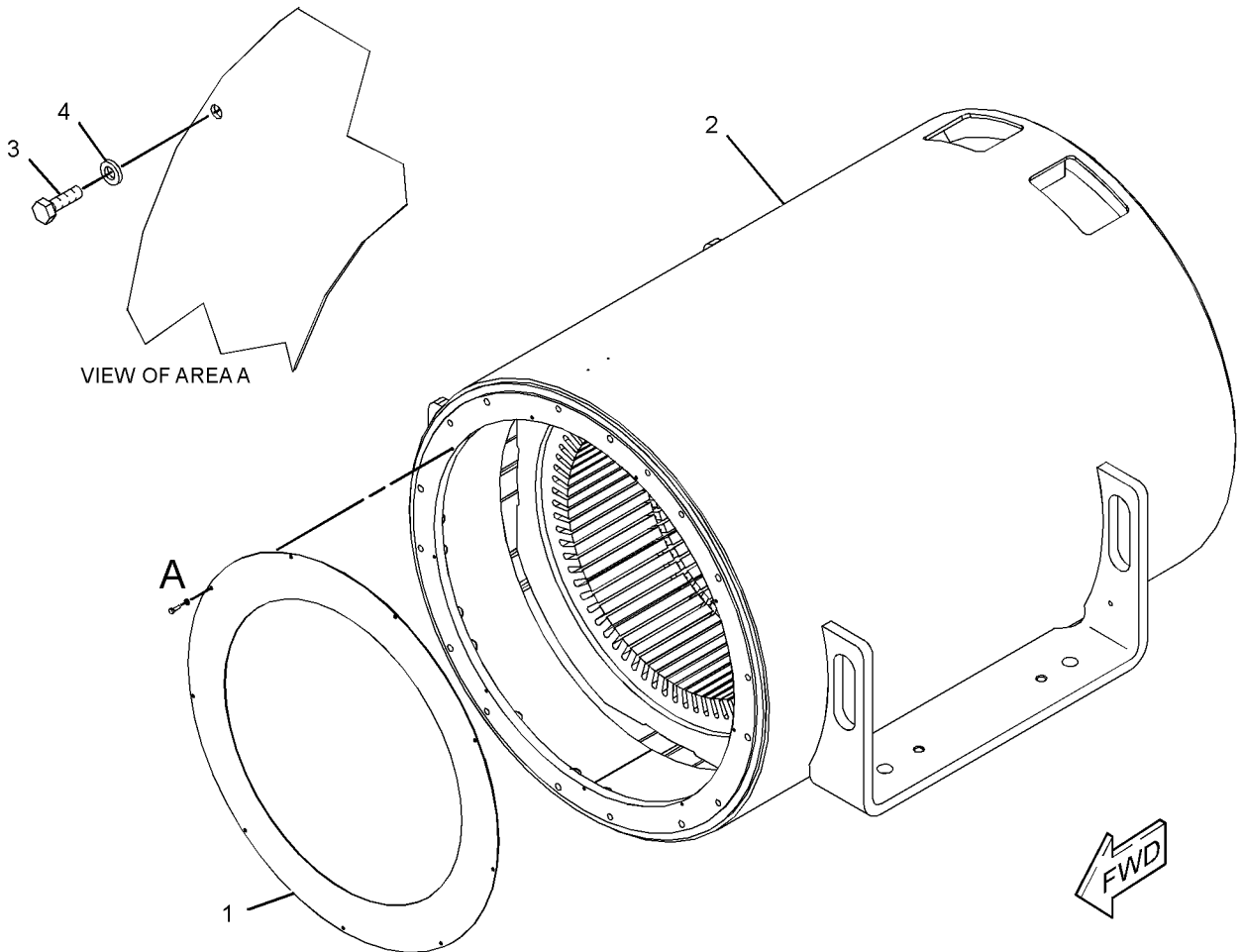
PART OF 252-3913 GENERATOR GP

SMCS-4453

i02442008

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	253-3508	1	BAFFLE						
	2	1	254-8434	1	STATOR AS						
M	3	1	8T-4138	9	BOLT (M6X1X20-MM)						
	4	1	9X-8256	9	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01220952

GENERATORS

256-4237 STATOR GP-MAIN

S/N: G2G1-UP

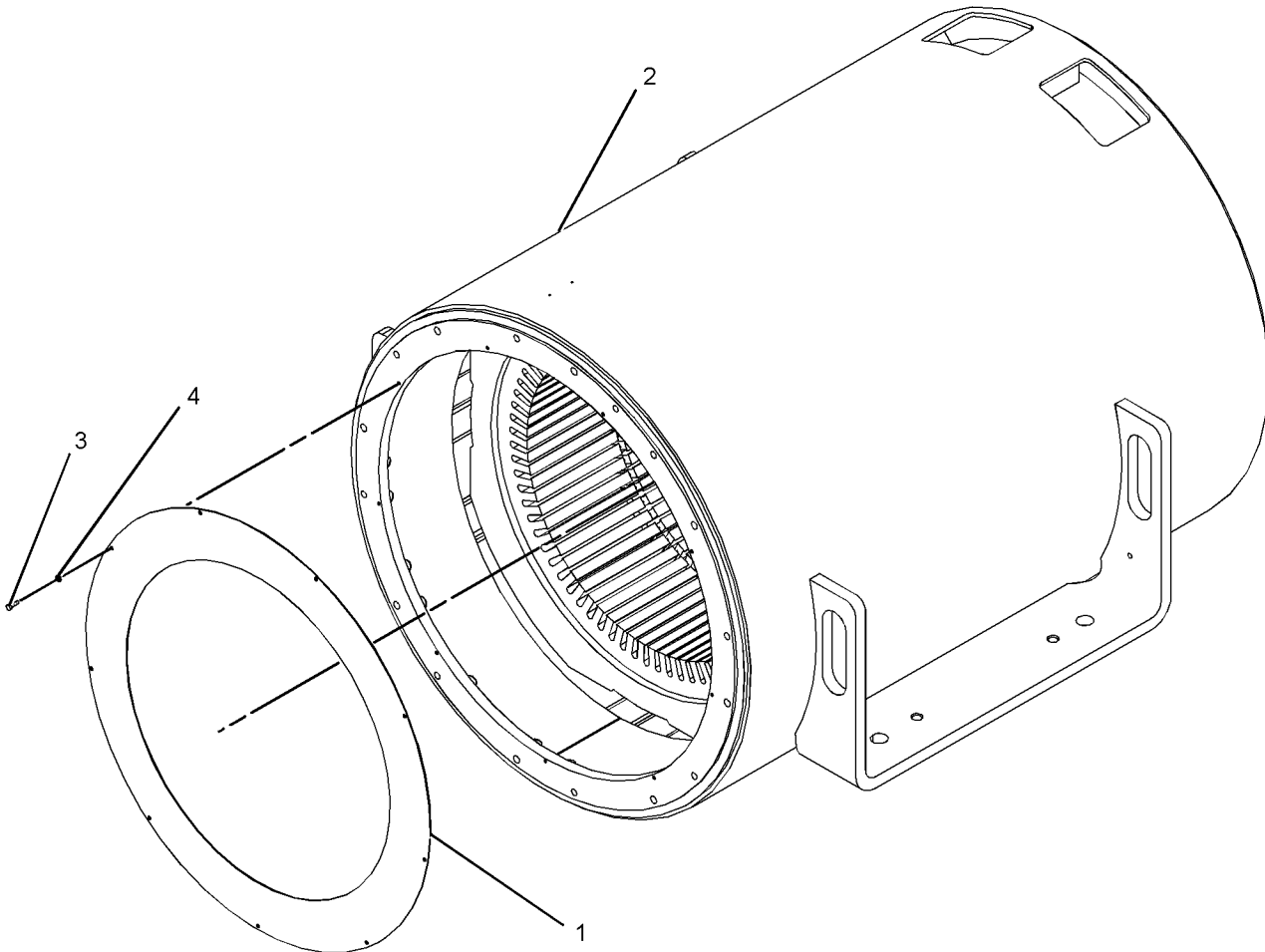
PART OF 252-3975 GENERATOR GP

SMCS-4453

i02442569

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	253-3508	1	BAFFLE						
	2	1	254-8467	1	STATOR AS						
M	3	1	8T-4138	9	BOLT (M6X1X20-MM)						
	4	1	9X-8256	9	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01231537

GENERATORS

256-4238 STATOR GP-MAIN

S/N: G2G1-UP

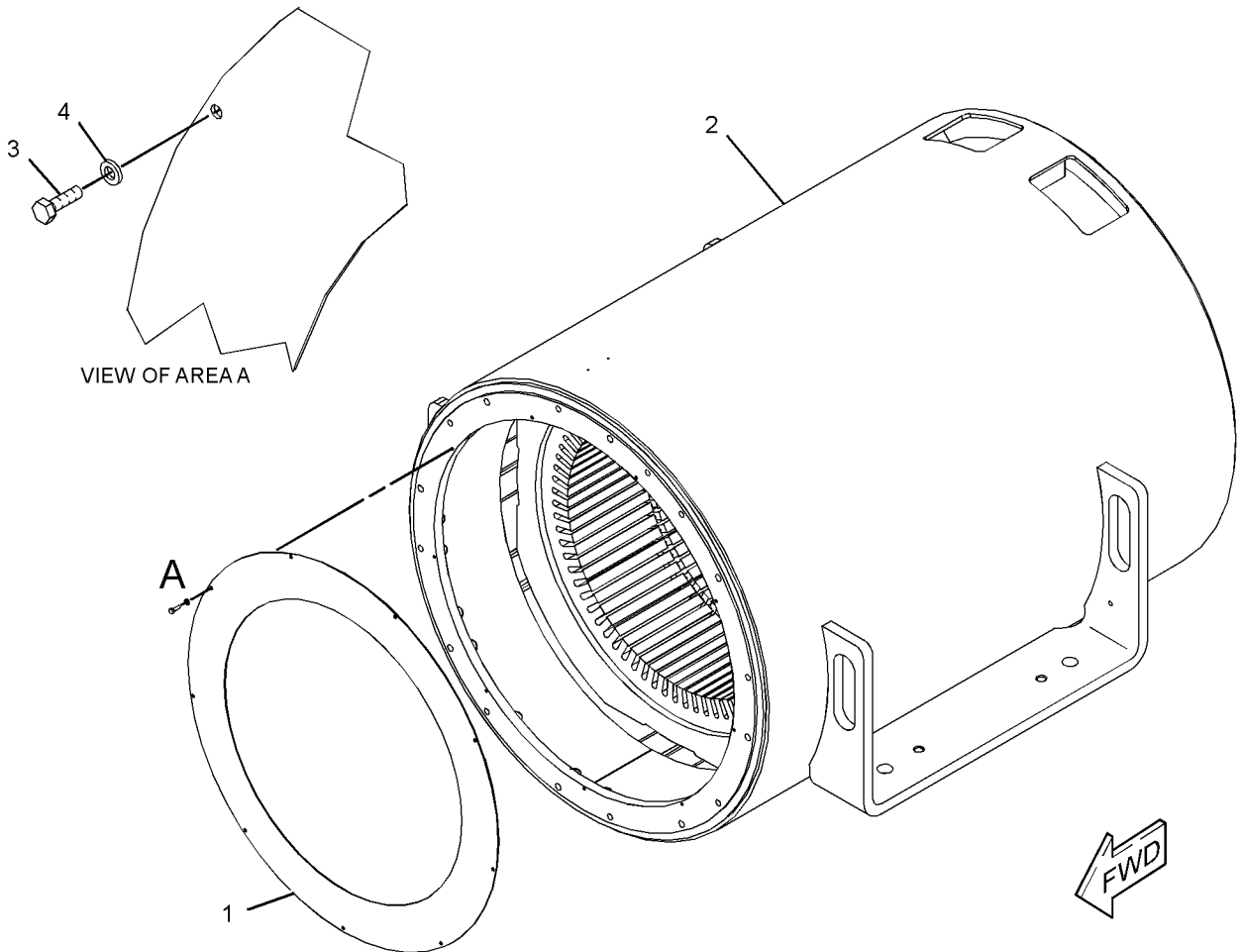
PART OF 252-4205 GENERATOR GP

SMCS-4453

i02442027

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	253-3508	1	BAFFLE						
	2	1	254-8654	1	STATOR AS						
M	3	1	8T-4138	9	BOLT (M6X1X20-MM)						
	4	1	9X-8256	9	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01220952

GENERATORS

256-4239 STATOR GP-MAIN

S/N: G2G1-UP

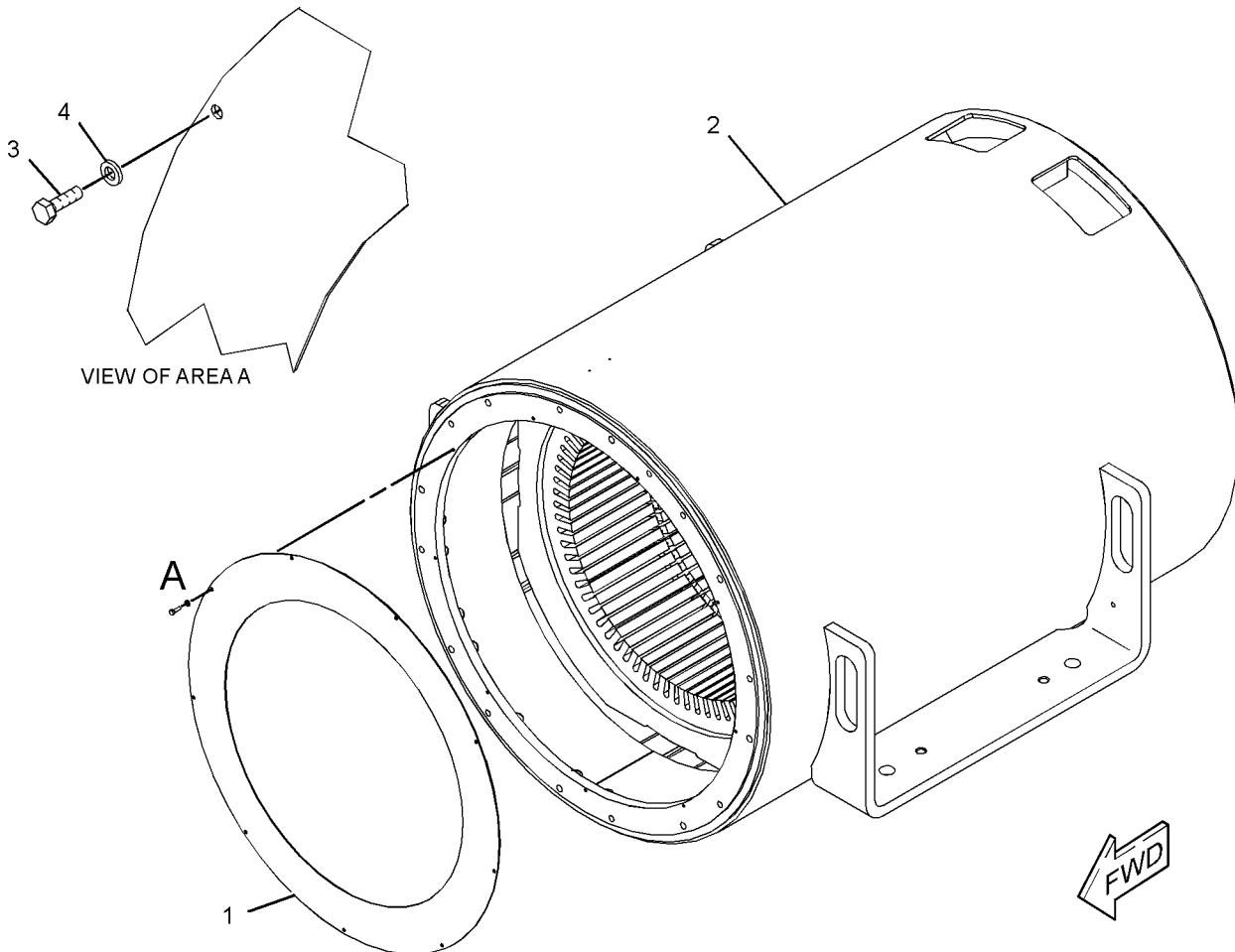
PART OF 252-4207 GENERATOR GP

SMCS-4453

i02442004

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	253-3508	1	BAFFLE						
	2	1	254-8655	1	STATOR AS						
M	3	1	8T-4138	9	BOLT (M6X1X20-MM)						
	4	1	9X-8256	9	WASHER (6.6X12X2-MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01220952

SERVICE EQUIPMENT AND SUPPLIES

252-7420 FILM GP

S/N: WYB1-UP

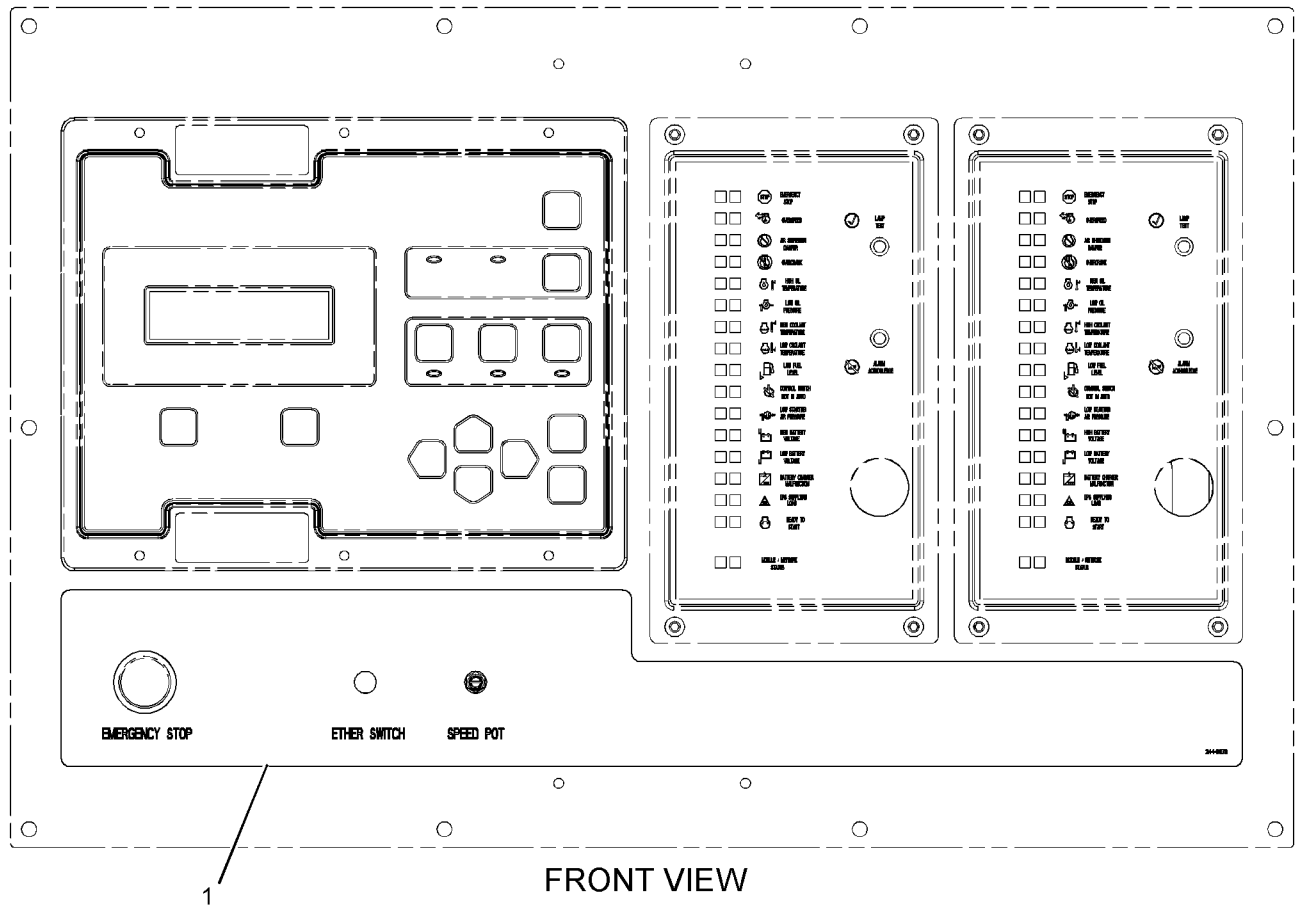
USER INTERFACE PANEL

PART OF 263-1743, 281-3959, 283-0010 CONTROL GP-ELECTRONIC
AN ATTACHMENT

SMCS-7405, 7557

i02247946

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	244-9673	1	FILM-CONTROL PANEL (STOP, STARTING AID, SPEED)						



GRAPHIC #1

<END>

g01136895

SERVICE EQUIPMENT AND SUPPLIES

252-7422 FILM GP

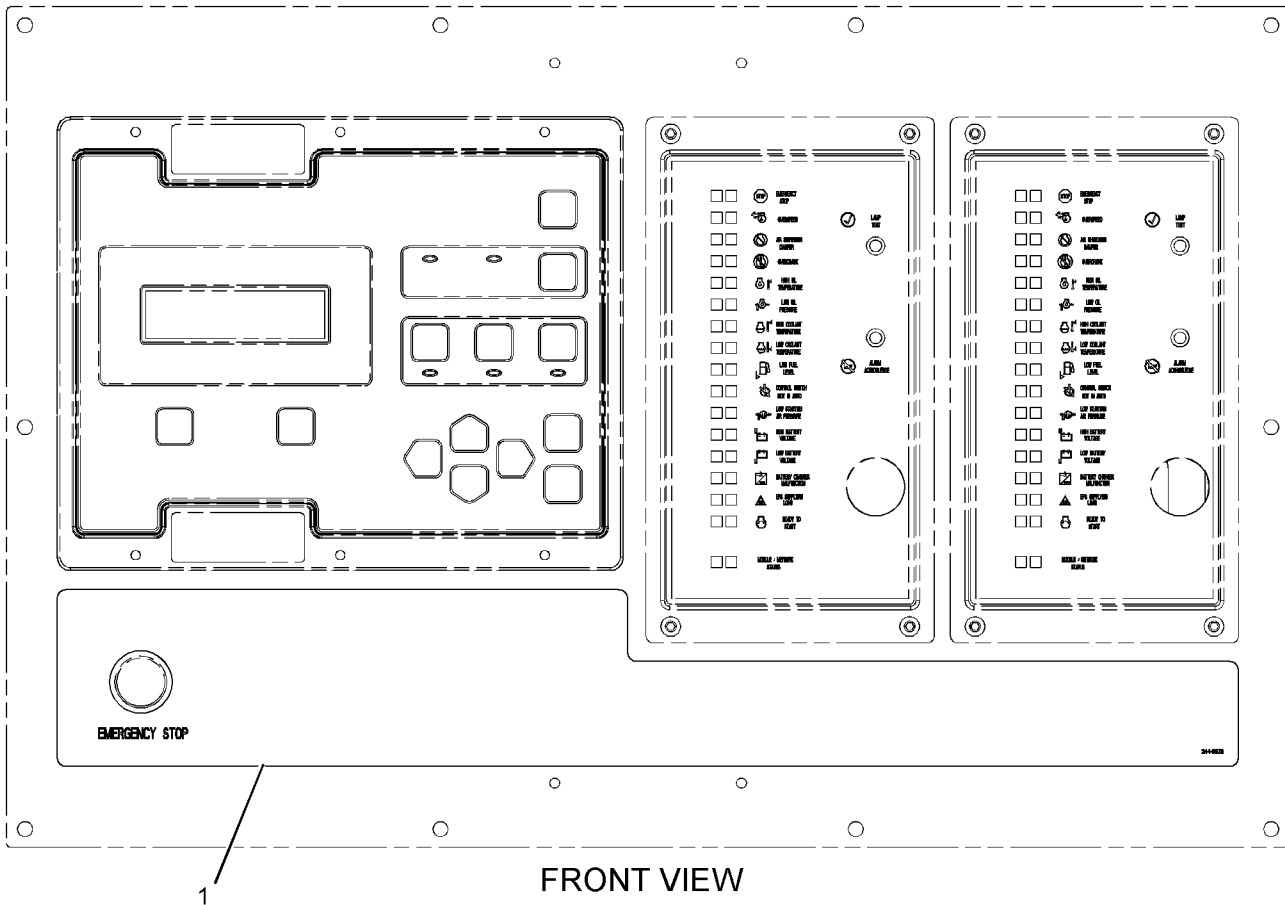
S/N: WYB1-UP

USER INTERFACE PANEL
FOR USE WITH EUI
AN ATTACHMENT

SMCS-7405, 7557

i02247951

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	244-9672	1	FILM-CONTROL PANEL (ENGINE STOP)						



GRAPHIC #1

<END>

g01136903

SERVICE EQUIPMENT AND SUPPLIES

252-7428 FILM GP

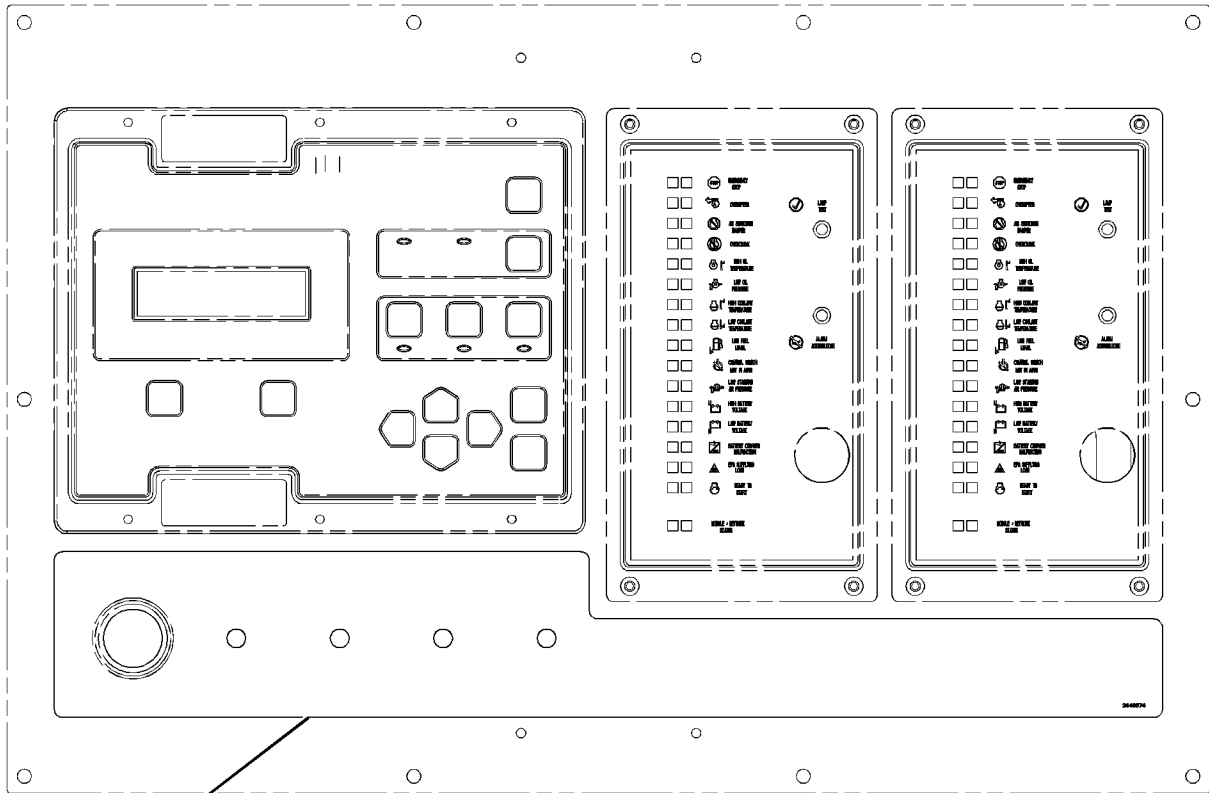
S/N: WYB1-UP

USER INTERFACE PANEL
FOR USE WITH EUI
AN ATTACHMENT

SMCS-7405, 7557

i02339293

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	244-9674	1	FILM-CONTROL PANEL (ENGINE STOP, STARTING AID)						



1

FRONT VIEW

GRAPHIC #1

<END>

g01200911

SERVICE EQUIPMENT AND SUPPLIES

271-7376 FILM GP-CUSTOM ANNUNCIATOR

S/N: WYB1-UP

FOR USE WITH CUSTOM ANNUNCIATOR
AN ATTACHMENT

SMCS-7405, 7557

i02318764

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	260-6898	1	KIT-FILM (CATERPILLAR) (ANNUNCIATOR)						
			(INCLUDES FILMS & DISKETTE)						
			<END>						

SERVICE EQUIPMENT AND SUPPLIES

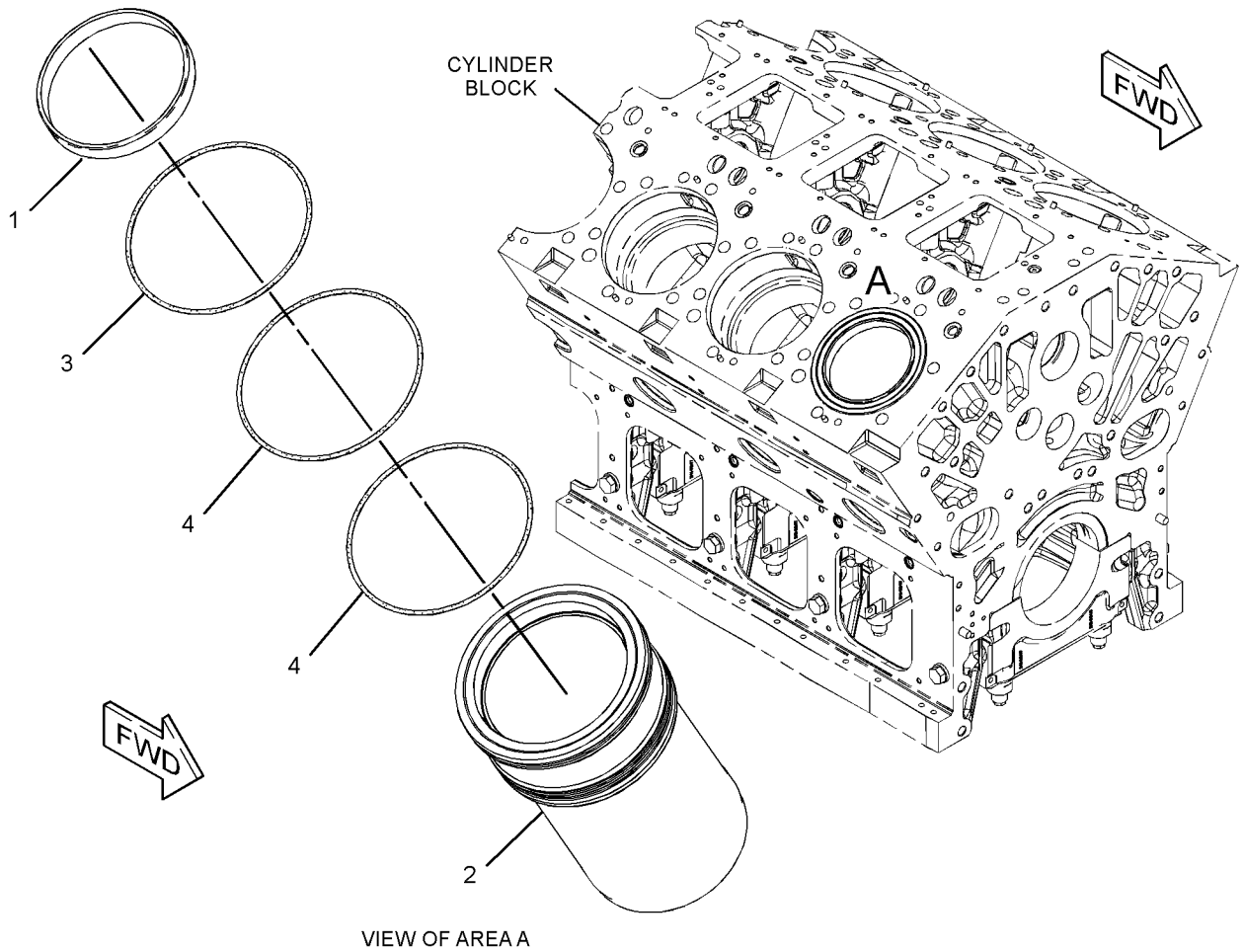
286-4564 KIT-CYLINDER LINER

S/N: WYB1-UP

SMCS-1216

i02471478

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	286-4565	1	SLEEVE						
	2	1	286-4563	1	LINER-CYLINDER						
	3	1	246-7264	1	SEAL-O-RING						
	4	1	253-9950	2	SEAL-O-RING						



GRAPHIC #1

<END>

g01224418

PRIME PACKAGE

286-4559 FILTER GP-OIL-RH

S/N: WYB1-UP
AN ATTACHMENT

SMCS-5068

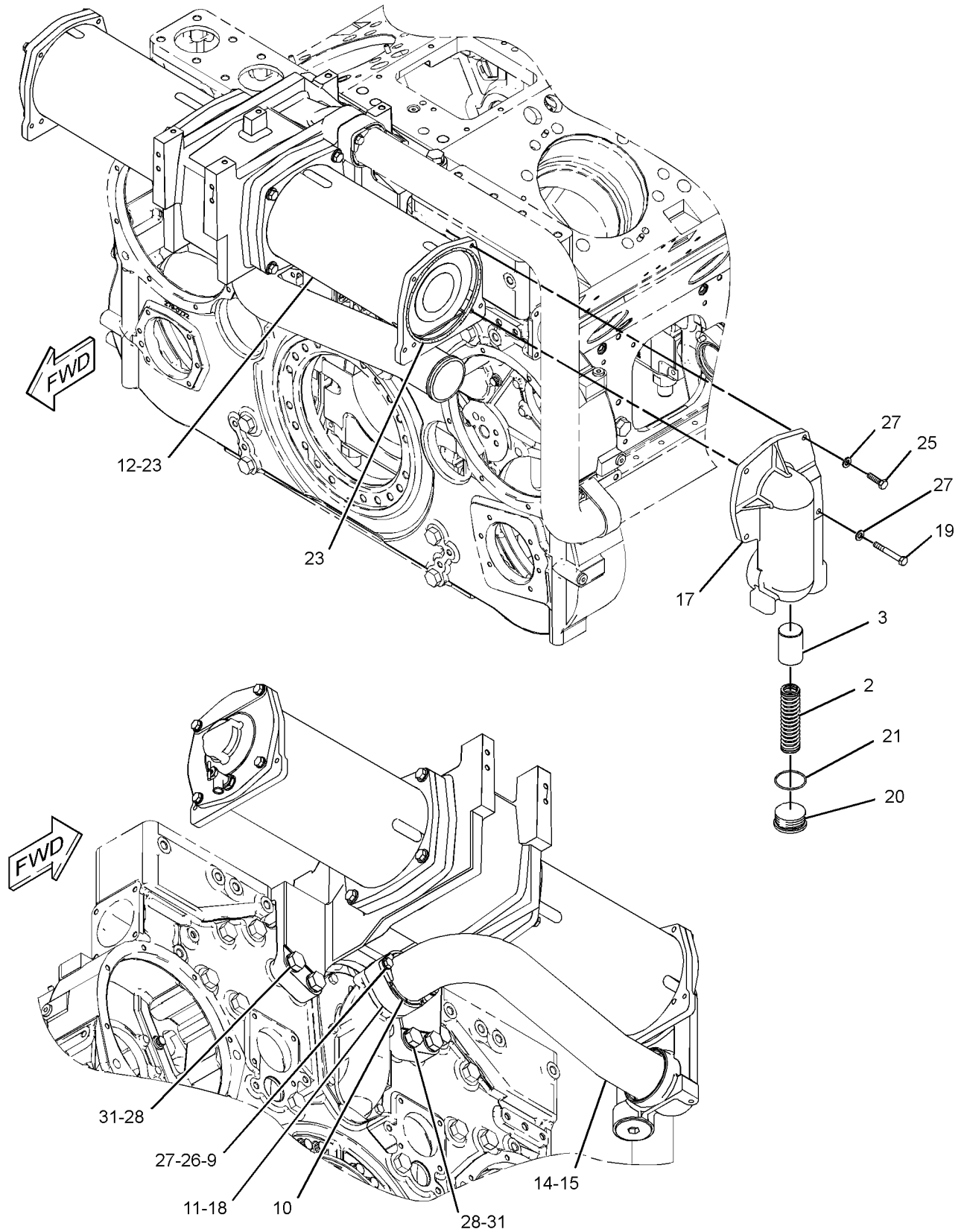
i02479840

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	2	1W-3958	1	TUBE						
	2	1	2W-1635	1	SPRING						
	3	1	2W-1969	1	VALVE-BYPASS						
	4	2	2W-6862	1	SPRING						
	5	2	4P-9168	1	RACK-OIL FILTER						
	6	2	6V-7238	1	VALVE-SHUTOFF						
	7	2	7C-3945	1	RETAINER-ELEMENT						
	8	2	7C-9589	1	COVER						
	9	1	8N-3639	2	RETAINER						
	10	1	8N-3640	1	RING-RETAINING						
	11	1	129-9454	1	FLANGE						
	12	1,2	245-4876	2	HOUSING AS-FILTER						
	13	2	249-2340	3	ELEMENT AS-OIL FILTER						
	14	1	253-7730	1	TUBE						
	15	1	259-4600	2	SEAL-O-RING						
	16	2	276-2705	1	BASE-OIL FILTER						
	17	1	281-9395	1	HOUSING-OIL FILTER						
	18	1	131-3718	1	SEAL-O-RING						
M	19	1	140-0174	1	BOLT (M10X1.5X75-MM)						
	20	1	209-4730	1	PLUG						
	21	1	209-5798	1	SEAL-O-RING						
	22	2	5P-8245	8	WASHER-HARD (13.5X25.5X3-MM THK)						
	23	1,2	6V-3349	4	SEAL-O-RING						
M	24	2	6V-3532	3	BOLT (M20X2.5X60-MM)						
M	25	1,2	6V-3822	7	BOLT (M10X1.5X35-MM)						
M	26	1	6V-5230	2	BOLT (M10X1.5X60-MM)						
	27	1,2	6V-5839	10	WASHER (11X21X2.5-MM THK)						
M	28	1	6V-5845	4	BOLT (M20X2.5X70-MM)						
M	29	2	6V-8675	8	BOLT (M12X1.75X35-MM)						
	30	2	8L-2786	1	SEAL-O-RING						
	31	1,2	8T-3282	7	WASHER-HARD (22X35X3.5-MM THK)						
M-METRIC PART											

PRIME PACKAGE

286-4559 FILTER GP-OIL (contd.)

i02479840



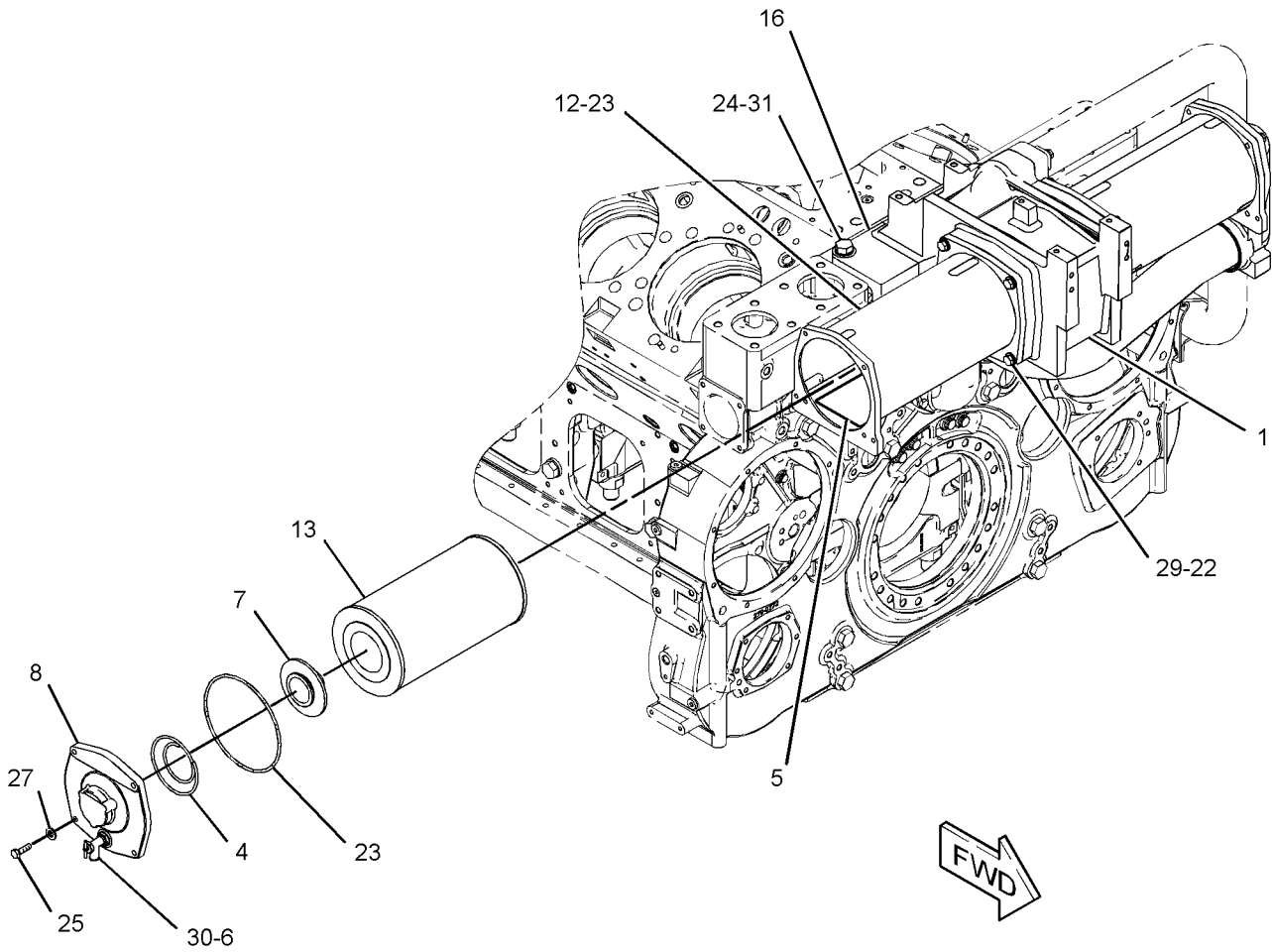
GRAPHIC #1

g01240780

PRIME PACKAGE

286-4559 FILTER GP-OIL (contd.)

i02479840



GRAPHIC #2

<END>

g01240785

PRIME PACKAGE

276-8462 SHAFT GP-DRIVE

S/N: WYB1-UP

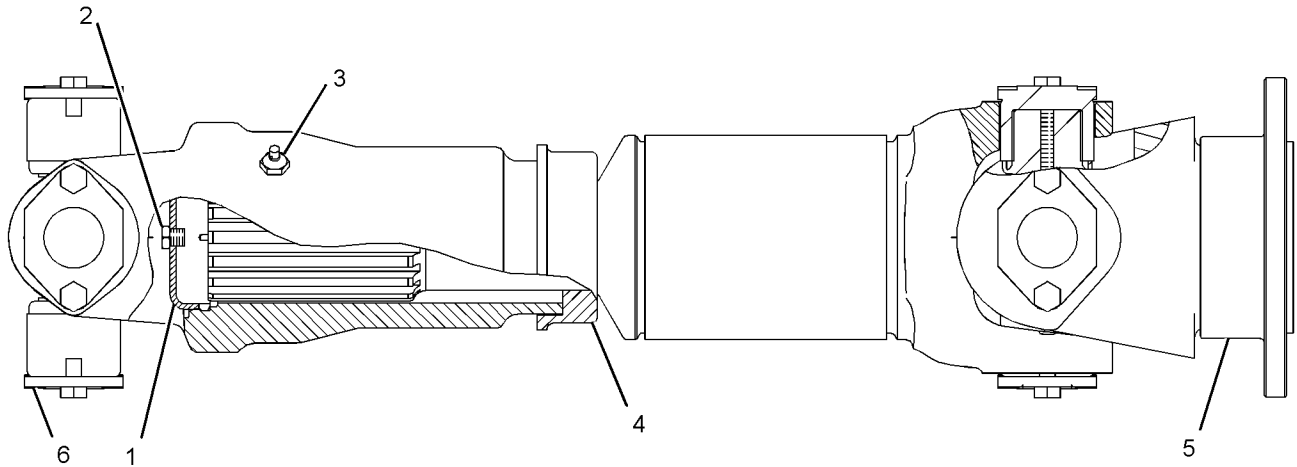
PART OF 259-9221 DRIVE GP-FAN
AN ATTACHMENT

SMCS-3253

i02502985

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	196-8488	1	CAP-DUST						
	2	1	1K-6853	1	FITTING						
	3	1	3B-8489	1	FITTING-GREASE						
	4	1	8V-1412	1	RETAINER						
	5	1	276-8460	1	YOKE-FLANGE						
	6	1	286-0741	2	SPIDER & BEARING GP						
					(EACH INCLUDES)						
M		1	3E-4315	8	BOLT-LOCKING (M8X1X14-MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01252686

MEMORANDA

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