



# Parts Manual



See "General Information"  
for New Parts Manual  
Features.

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## **3056 Marine-Generator Set Engine**

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SNX1-Up (Generator Set)  
GSN1-Up (Engine)





# Product and Dealer Information

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

**Delivery Date:** \_\_\_\_\_

## Product Information

Model: \_\_\_\_\_

Product Identification Number: \_\_\_\_\_

Engine Serial Number: \_\_\_\_\_

Transmission Serial Number: \_\_\_\_\_

Generator Serial Number: \_\_\_\_\_

Attachment Serial Numbers: \_\_\_\_\_

Attachment Information: \_\_\_\_\_

Customer Equipment Number: \_\_\_\_\_

Dealer Equipment Number: \_\_\_\_\_

## Dealer Information

Name: \_\_\_\_\_ Branch: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Dealer Contact

Phone Number

Hours

Sales: \_\_\_\_\_

Parts: \_\_\_\_\_

Service: \_\_\_\_\_



## Informations produit et concessionnaire

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

**Date de livraison:** \_\_\_\_\_

### Informations produit

Modèle: \_\_\_\_\_

Numéro d'identification produit: \_\_\_\_\_

Numéro de série du moteur: \_\_\_\_\_

Numéro de série de la boîte de vitesses: \_\_\_\_\_

Numéro de série de l'alternateur: \_\_\_\_\_

Numéros de série d'équipement: \_\_\_\_\_

Informations sur l'équipement: \_\_\_\_\_

Numéro matériel client: \_\_\_\_\_

Numéro matériel concessionnaire: \_\_\_\_\_

### Informations concessionnaire

Nom: \_\_\_\_\_ Agence: \_\_\_\_\_

Adresse: \_\_\_\_\_

Contact concessionnaire

Numéro de téléphone

Heures

Ventes: \_\_\_\_\_

Pièces: \_\_\_\_\_

Service: \_\_\_\_\_



## Información del Producto/Distribuidor

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

**Fecha de entrega:** \_\_\_\_\_

## Información del producto

Modelo: \_\_\_\_\_

Número de identificación del producto: \_\_\_\_\_

Número de serie del motor: \_\_\_\_\_

Número de serie de la transmisión: \_\_\_\_\_

Número de serie del generador: \_\_\_\_\_

Números de serie de los accesorios: \_\_\_\_\_

Información sobre los accesorios: \_\_\_\_\_

Número del equipo del cliente: \_\_\_\_\_

Número del equipo del distribuidor: \_\_\_\_\_

## Información del distribuidor

Nombre: \_\_\_\_\_ Sucursal: \_\_\_\_\_

Dirección: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Comunicación con el distribuidor

Número de teléfono

Horas

Ventas: \_\_\_\_\_

Piezas: \_\_\_\_\_

Servicio: \_\_\_\_\_



## Informações Sobre Produto e Revendedor

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

**Data de Entrega:** \_\_\_\_\_

### Informações Sobre o Produto

Modelo: \_\_\_\_\_

Número de Identificação do Produto: \_\_\_\_\_

Número de Série do Motor: \_\_\_\_\_

Número de Série da Transmissão: \_\_\_\_\_

Número de Série do Gerador: \_\_\_\_\_

Números de Série de Acessórios: \_\_\_\_\_

Informações Sobre Acessórios: \_\_\_\_\_

Número do Equipamento do Cliente: \_\_\_\_\_

Número do Equipamento do Revendedor: \_\_\_\_\_

### Informações Sobre o Revendedor

Nome: \_\_\_\_\_ Filial: \_\_\_\_\_

Endereço: \_\_\_\_\_

Contato do Revendedor

Telefone

Horas

Vendas: \_\_\_\_\_

Peças: \_\_\_\_\_

Serviço: \_\_\_\_\_



# Produkt- und Händlerinformation

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

**Lieferdatum:** \_\_\_\_\_

## Produkt-Identinformation

Modell: \_\_\_\_\_

Produkt-Identnummer: \_\_\_\_\_

Seriennummer des Motors: \_\_\_\_\_

Seriennummer des Getriebes: \_\_\_\_\_

Seriennummer des Generators: \_\_\_\_\_

Seriennummern der Arbeitsgeräte: \_\_\_\_\_

Arbeitsgeräteinformation: \_\_\_\_\_

Kundennummer: \_\_\_\_\_

Händlernummer: \_\_\_\_\_

## Händlerinformation

Name: \_\_\_\_\_ Niederlassung: \_\_\_\_\_

Adresse: \_\_\_\_\_

Kontaktperson beim Händler

Telefon

Dienststunden

Verkauf: \_\_\_\_\_

Ersatzteile: \_\_\_\_\_

Service: \_\_\_\_\_



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\* NO HAY TRADUCCION DISPONIBLE EN EL MOMENTO DE LA IMPRESION



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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.

## 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 each information element identify the part number and part name along with additional descriptive information. S/N information found in each caption should be used to select correct information for a specific engine. 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.

## 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.**

## 11. INDENTED PART NAMES

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

## 12. ILLUSTRATION REFERENCE LETTERS

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

## 13. ABBREVIATIONS AND SYMBOLS

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

 ***New Feature***

## 14. <END>

This symbol indicates the end of an information element.

## 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 aussi utilisés. Ces numéros figurent sur la plaque de numéro de série qui se trouve sur le moteur.

Les concessionnaires Caterpillar ont besoin de ces renseignements pour déterminer les composants inclus sur le moteur lors de l'assemblage à l'usine. Cela permet d'identifier les numéros de pièces de rechange avec précision.

## 2. COMMANDE DE PIÈCES



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

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

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

## 3. ORGANISATION DU CATALOGUE DE PIÈCES

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

## 4. TABLE DES MATIÈRES



### *Nouvelle Caractéristique*

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

## 5. INDEX DES PIÈCES D'ENTRETIEN

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

## 6. INDEX

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

## 7. INDEX DES NUMÉROS DE PIÈCES

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

## 8. LÉGENDES

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

## **Nouvelle Caractéristique**

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

## 9. PIÈCES NON FOURNIES

### **Nouvelle Caractéristique**

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

## 10. NUMÉROS DE RÉFÉRENCE DE LA LISTE DES PIÈCES

### **Nouvelle Caractéristique**

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

## 11. DÉSIGNATIONS DE PIÈCES EN RETRAIT

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

## 12. LETTRES DE RÉFÉRENCE DES ILLUSTRATIONS

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

## 13. ABRÉVIATIONS ET SYMBOLES

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

### NOTA:

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

# INFORMACIÓN GENERAL

## 1. IDENTIFICACIÓN DEL MOTOR

Los motores Caterpillar se identifican con Números de Identificación del Producto (PIN). El motor se identifica además con Números de Configuración y en algunos casos, Números de Modificación. Estos números están en las placas de identificación que se encuentran montadas en el motor.

Los distribuidores Caterpillar necesitan esta información para determinar que componentes fueron incluidos en el motor cuando lo ensamblaron en la fábrica. Estos números permiten identificar con exactitud los números de piezas de repuesto.

## 2. COMO PEDIR REPUESTOS

### ADVERTENCIA

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

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

Las piezas de repuesto Caterpillar de calidad están disponibles 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 del producto del motor para la cual se necesitan estas piezas.

## 3. ORGANIZACION DEL MANUAL DE PIEZAS

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

## 4. CONTENIDO

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

## 6. ÍNDICE

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

## 7. INDICE NUMÉRICO DE PIEZAS

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

## 8. TÍTULOS

Los títulos ubicados al principio de cada elementos de información identifican el número y el nombre de la pieza junto con información descriptiva adicional para ayudar al usuario a seleccionar información correcta para un motor en particular. También se suministra información sobre las opciones de reparación en el campo, la identificación de componentes de accesorios optativos y el lugar de ubicación de la pieza ("es parte de").

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

# INFORMACIÓN GENERAL

## 9. PIEZAS QUE NO SE SUMINISTRAN COMO REPUESTO

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

## 10. NÚMEROS DE REFERENCIA

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

## 11. NOMBRES DE PIEZA SANGRADOS

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

## 12. LETRAS DE REFERENCIA DE ILUSTRACIONES

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

## 13. ABREVIATURAS Y SIMBOLOS

O.D. – Diámetro exterior

I.D. – Diámetro interior

A – No es pieza de este grupo

B – Utilizado según la demanda

C – Indica cambio

D – Se pide por metro

E – Se pide por centímetro

F – No se muestra

G – Se pide por pulgada

I – Ver "Hose Fabrication Guide"

M – Pieza métrica

R – Puede estar disponible como pieza remanufacturada

Y – Ilustración separada

Z – No se suministra por separado



**Nueva Característica**

## 14. <END>

Este símbolo indica el final de un elemento de información.

### NOTA:

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

# INFORMAÇÃO GERAL

## 1. IDENTIFICAÇÃO DO MOTOR

Os motores Caterpillar são identificadas pelos Números de Série e Números de Arranjo. Em alguns casos, Números de Modificação são também usados. A placa do número de série que exibe esses números encontra-se no motor.

Os revendedores Caterpillar necessitam destas informações para determinar que componentes foram incluídos no motor durante a montagem na fábrica. Isto facilita a identificação precisa dos números de peça de reposição.

## 2. COMO OBTER PEÇAS



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

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

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

## 3. ORGANIZAÇÃO DO MANUAL DE PEÇAS

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

## 4. LISTA DE CONTEÚDOS

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

## 5. ÍNDICE DE PEÇAS DE MANUTENÇÃO

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

## 6. ÍNDICE

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

## 7. ÍNDICE DE NÚMERO DE PEÇA

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

## 8. LEGENDAS

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

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



# INFORMAÇÃO GERAL

## 9. NÃO DISPONÍVEL SEPARADAMENTE

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

## 10. NÚMEROS DE REFERÊNCIA À LISTA DE PEÇAS

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

## 11. NOMES DE PEÇAS DESALINHADOS

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

## 12. LETRAS DE REFERÊNCIA NAS ILUSTRAÇÕES

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

## 13. ABREVIÇÕES E SÍMBOLOS

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



**Novidades**

## 14. <END>

Este símbolo indica o final de um elemento de informação.

### NOTA:

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



# ALLGEMEINE HINWEISE

## 1. MOTORENKENNZEICHNUNG

Caterpillar-Motoren sind mit SERIAL NUMBERS (Seriennummern) und ARRANGEMENT NUMBERS (Ausführungsnummern) gekennzeichnet. In einigen Fällen werden auch MODIFICATION NUMBERS (Änderungsnummern) erteilt. Diese Nummern befinden sich auf dem Typenschild des Motors.

Die Caterpillar-Händler benötigen diese Nummern, um festzustellen, welche Bauteile bei der Montage des Motors verwendet wurden. Dies ermöglicht das Auffinden der richtigen Ersatzteilnummern.

## 2. BESTELLEN VON ERSATZTEILEN



### WARNUNG

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

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

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

## 3. AUFBAU DES PARTS MANUAL

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

## 4. INHALTSVERZEICHNIS

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

## 5. INDEX FÜR WARTUNGSTEILE

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

## 6. INDEX

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

## 7. INDEX FÜR BESTELLNUMMERN

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

## 8. ÜBERSCHRIFTEN

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

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

# ALLGEMEINE HINWEISE

## 9. NICHT EINZELN LIEFERBARE TEILE

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

## 10. REFERENZNUMMER FÜR ERSATZTEILE

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

## 11. EINGERÜCKTE BEZEICHNUNGEN

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

## 12. REFERENZBUCHSTABEN

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

## 13. ABKÜRZUNGEN UND SYMBOLE

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



*Neu im Parts Manual*

## 14. <END>

Dieses Symbol zeigt das Ende eines Informationselements an.

## ANMERKUNG:

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



# REPAIR ALTERNATIVES

## REMANUFACTURED COMPONENTS

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

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

Typical components included in the Remanufacturing Program include:

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

Caterpillar Remanufactured engines for many engine arrangements are also available.



# OPTIONS DE RÉPARATION

## COMPOSANTS RÉNOVÉS

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

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

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

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

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



# ALTERNATIVAS DE REPARACIÓN

## COMPONENTES REMANUFACTURADOS

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

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

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

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

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



# ALTERNATIVAS DE REPARO

## COMPONENTES REMANUFATURADOS

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

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

Os componentes típicos que constam no Programa de Remanufatura incluem:

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

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



# REPARATURALTERNATIVEN

## WERKÜBERHOLTE AT-PRODUKTE

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

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

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

DREHSTROMGENERATOREN  
PLEUELSTANGEN  
KURBELWELLEN - MIT UNTERMASSE  
KURBELWELLEN - MIT ORIGINALMASSE  
ZYLINDERKÖPFE  
ELEKTRONISCHE STEUEREINHEITEN (EMC)  
ELEKTRONISCHE SENSOREN  
PUMPENDÜSEN  
EINSPRITZDÜSEN  
KRAFTSTOFFPUMPEN  
DREHZAHGREGLER  
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
<b>AIR INLET AND EXHAUST SYSTEM</b>				
CAP (AIR CLEANER)	101-7856	1	AIR CLEANER GP	148
		1	AIR CLEANER GP	150
FILTER ELEMENT-AIR (PRIMARY)	212-4478	1	AIR CLEANER GP	148
		1	AIR CLEANER GP	150
FILTER ELEMENT-AIR (SECONDARY)	212-4477	1	AIR CLEANER GP	148
		1	AIR CLEANER GP	150
INDICATOR (AIR RESTRICTION)	101-7176	1	AIR CLEANER GP	148
		1	AIR CLEANER GP	150
	210-6628	1	LINES GP-AIR	158
		1	LINES GP-AIR	159
<b>BASIC ENGINE</b>				
CAP AS (OIL FILLER) (ENGINE)	136-3608	1	COVER GP-VALVE MECHANISM	21
GASKET (VALVE COVER)	126-2238	1	COVER GP-VALVE MECHANISM	21
PLUG-SUMP DRAIN	7C-0351	2	PAN GP-OIL	55
		1	PAN GP-OIL	57
V-BELT (ALTERNATOR)	6L-3408	1	MOUNTING GP-ALTERNATOR	46
V-BELT (CLUTCH)	210-7758	1	CLUTCH GP	16
<b>COOLING SYSTEM</b>				
CAP (PRESSURE, 7PSI) (EXPANSION TANK)	230-5119	1	TANK GP-COOLANT	139
		1	TANK GP-COOLANT	141
		1	TANK GP-COOLANT	143
		1	TANK GP-EXPANSION	145
		1	TANK GP-EXPANSION	147
CLIP-INTERNAL (WATER TEMPERATURE REGULATOR)	084-4036	1	LINES GP-WATER	95
GASKET (EXPANSION TANK CAP)	210-6738	1	TANK GP-COOLANT	139
		1	TANK GP-COOLANT	141
		1	TANK GP-COOLANT	143
		1	TANK GP-EXPANSION	145
		1	TANK GP-EXPANSION	147
REGULATOR AS (80 DEG C) (WATER TEMPERATURE)	194-7150	1	LINES GP-WATER	110
REGULATOR AS (80 DEG C) (WATER TEMPERATURE)	194-7150	1	LINES GP-WATER	95
		1	LINES GP-WATER	101
		1	LINES GP-WATER	104
		1	LINES GP-WATER	107
		1	LINES GP-WATER	113
		1	LINES GP-WATER	116
		1	LINES GP-WATER	119
		1	LINES GP-WATER	122
		1	LINES GP-WATER	125
		1	LINES GP-WATER	128
		1	LINES GP-WATER	93
REGULATOR-WATER TEMPERATURE	4W-8063	2	PUMP GP-WATER	135
RING-RETAINING (WATER TEMPERATURE REGULATOR)	193-5152	1	LINES GP-WATER	128
RING-RETAINING (WATER TEMPERATURE REGULATOR)	193-5152	1	LINES GP-WATER	93
		1	LINES GP-WATER	101



# MAINTENANCE PARTS

DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE
		1	LINES GP-WATER	104
		1	LINES GP-WATER	107
		1	LINES GP-WATER	113
		1	LINES GP-WATER	116
		1	LINES GP-WATER	119
		1	LINES GP-WATER	122
		1	LINES GP-WATER	125
		1	LINES GP-WATER	110
SPACER (WATER TEMPERATURE REGULATOR)	193-5111	1	LINES GP-WATER	93
		1	LINES GP-WATER	95
		1	LINES GP-WATER	101
		1	LINES GP-WATER	104
		1	LINES GP-WATER	107
		1	LINES GP-WATER	110
		1	LINES GP-WATER	113
		1	LINES GP-WATER	116
		1	LINES GP-WATER	119
		1	LINES GP-WATER	122
		1	LINES GP-WATER	125
		1	LINES GP-WATER	128
V-BELT (WATER PUMP)	237-2658	1	PUMP GP-WATER	137
<b>ELECTRICAL AND STARTING SYSTEM</b>				
FUSE (25 AMP)	213-0176	1	BOX GP-CONNECTION	209
		1	BOX GP-CONNECTION	212
FUSE (32 AMP)	149-7996	1	BOX GP-CONNECTION	209
		1	BOX GP-CONNECTION	212
FUSE (6 AMP)	143-4472	1	BOX GP-CONNECTION	212
HEATER (AIR)	035-8059	1	HEATER GP-STARTING AID	250
		1	SOLENOID GP	266
		1	SOLENOID GP	267
		1	STARTING AID GP	268
		1	STARTING AID GP	270
<b>ENCLOSURES, GUARDS AND BASES</b>				
FUSE (RESET BUTTON)	215-1262	1	ENCLOSURE GP	384
		3	ENCLOSURE GP	385
<b>FUEL SYSTEM</b>				
ELEMENT-FUEL (FILTER)	236-6057	2	FILTER & LINES GP-FUEL	170
FILTER AS-FUEL	210-6787	1	FILTER GP-FUEL	173
FILTER ELEMENT AS-FUEL (WATER SEPARATOR)	206-6909	1	SEPARATOR GP-WATER	201
		1	SEPARATOR GP-WATER	203
FILTER ELEMENT-FUEL	205-3043	1	FILTER GP-FUEL	175
HEATER (AIR)	035-8059	1	FILTER & LINES GP-FUEL	170
		1	FILTER GP-FUEL	175
PLUG-DRAIN (FUEL FILTER)	205-3041	1	FILTER GP-FUEL	173
		1	FILTER GP-FUEL	175
	234-2566	1	SEPARATOR GP-WATER	201
PLUG-DRAIN (WATER SEPARATOR)	234-2566	1	SEPARATOR GP-WATER	203
SCREEN (INJECTION PUMP)	110-5400	1	PUMP GP-FUEL INJECTION	190
VALVE AS-DRAIN (FUEL FILTER)	236-5936	1	FILTER & LINES GP-FUEL	170



# MAINTENANCE PARTS

DESCRIPTION	PART NUMBER	QTY	WHERE USED	PAGE		
<b>LUBRICATION SYSTEM</b>						
FILTER AS-ENGINE OIL	7W-2327	2	FILTER GP-ENGINE OIL	70		
HOSE (FUMES DISPOSAL)	210-6636	1	DRAIN GP-FUMES DISPOSAL	68		
	210-6641	1	DRAIN GP-FUMES DISPOSAL	68		
<b>OPERATOR STATION</b>						
FUSE (6 AMP)	143-4472	1	PANEL GP-ELECTRONIC	329		
		1	PANEL GP-ELECTRONIC	332		
		1	PANEL GP-ELECTRONIC	333		
		1	PANEL GP-ELECTRONIC	340		
		1	PANEL GP-ELECTRONIC	341		
		1	PANEL GP-ELECTRONIC	342		
		1	PANEL GP-ELECTRONIC	349		
		1	PANEL GP-ELECTRONIC	350		
		1	PANEL GP-ELECTRONIC	351		
		LAMP (MULTIPLE USE PANEL) (24V)	169-4500	2	PANEL GP-CONTROL	301
				2	PANEL GP-CONTROL	303
				2	PANEL GP-CONTROL	305
				2	PANEL GP-CONTROL	313
				2	PANEL GP-CONTROL	315
2	PANEL GP-CONTROL			317		
2	PANEL GP-CONTROL			320		
2	PANEL GP-CONTROL			323		
LAMP (12 VOLT) (MULTIPLE USE PANEL)	2N-2372	2	PANEL GP-CONTROL	326		
		2	DOOR GP-ELECTRONIC	325		
		2	PANEL GP-CONTROL	307		
		2	PANEL GP-CONTROL	309		
		2	PANEL GP-CONTROL	311		
		2	PANEL GP-CONTROL	319		
		2	PANEL GP-CONTROL	321		
		2	PANEL GP-CONTROL	295		
		2	PANEL GP-CONTROL	297		
		2	PANEL GP-CONTROL	299		





# PIÈCES DE RECHANGE

DESCRIPTION	NUMÉRO DE PIÈCES	QTÉ	DOMAINE D'APPLICATION	PAGE
<b>CIRCUIT DE CARBURANT</b>				
BOUCHON DE VIDANGE (FILTRE À CARBURANT)	205-3041	1	FILTRE A CARBURANT (ASS)	173
		1	FILTRE A CARBURANT (ASS)	175
	234-2566	1	SÉPARATEUR D'EAU (ASS)	201
BOUCHON DE VIDANGE (SÉPARATEUR D'EAU)	234-2566	1	SÉPARATEUR D'EAU (ASS)	203
ÉCRAN (POMPE D'INJECTION)	110-5400	1	POMPE D'INJECTION DE CARBURANT (ASS)	190
ÉLÉMENT DE FILTRE À CARBURANT	205-3043	1	FILTRE A CARBURANT (ASS)	175
ÉLÉMENT DE FILTRE (ENS)-CARBURANT (SÉPARATEUR D'EAU)	206-6909	1	SÉPARATEUR D'EAU (ASS)	201
		1	SÉPARATEUR D'EAU (ASS)	203
*ELEMENT-FUEL (FILTRE)	236-6057	2	FILTRE ET CANALISATIONS DE CARBURANT (ASS)	170
FILTRE A CARBURANT (ENS)	210-6787	1	FILTRE A CARBURANT (ASS)	173
RÉCHAUFFEUR (AIR)	035-8059	1	FILTRE A CARBURANT (ASS)	175
		1	FILTRE ET CANALISATIONS DE CARBURANT (ASS)	170
ROBINET DE VIDANGE (ENS) (FILTRE À CARBURANT)	236-5936	1	FILTRE ET CANALISATIONS DE CARBURANT (ASS)	170
<b>CIRCUIT DE GRAISSAGE</b>				
FILTRE A HUILE MOTEUR (ENS)	7W-2327	2	FILTRE À HUILE MOTEUR (ASS)	70
FLEXIBLE (ÉVACUATION DES GAZ DE CARTER)	210-6636	1	DISPOSITIF D'ÉVACUATION DES VAPEURS (ASS)	68
	210-6641	1	DISPOSITIF D'ÉVACUATION DES VAPEURS (ASS)	68
<b>CIRCUIT DE REFROIDISSEMENT</b>				
ANNEAU (RÉGULATEUR DE TEMPÉRATURE D'EAU)	193-5152	1	CANALISATIONS D'EAU (ASS)	93
		1	CANALISATIONS D'EAU (ASS)	101
		1	CANALISATIONS D'EAU (ASS)	107
		1	CANALISATIONS D'EAU (ASS)	110
		1	CANALISATIONS D'EAU (ASS)	113
		1	CANALISATIONS D'EAU (ASS)	116
		1	CANALISATIONS D'EAU (ASS)	119
		1	CANALISATIONS D'EAU (ASS)	122
		1	CANALISATIONS D'EAU (ASS)	125
		1	*LINES GP-WATER	104
ANNEAU (*WATER TEMPERATURE REGULATOR)	193-5152	1	CANALISATIONS D'EAU (ASS)	128
CHAPEAU (PRESSION, 7PSI) (RÉSERVOIR D'EXPANSION)	230-5119	1	RESERVOIR D'EXPANSION (ASS)	145
		1	RESERVOIR D'EXPANSION (ASS)	147
		1	RÉSERVOIR DU LIQUIDE DE REFROIDISSEMENT (ASS)	139
		1	RÉSERVOIR DU LIQUIDE DE REFROIDISSEMENT (ASS)	141

\* TRADUCTION NON DISPONIBLE AU MOMENT DE LA PUBLICATION



# PIÈCES DE RECHANGE

DESCRIPTION	NUMÉRO DE PIÈCES	QTÉ	DOMAINE D'APPLICATION	PAGE
		1	RÉSERVOIR DU LIQUIDE DE REFROIDISSEMENT (ASS)	143
*CLIP-INTERNAL (RÉGULATEUR DE TEMPÉRATURE D'EAU)	084-4036	1	CANALISATIONS D'EAU (ASS)	95
COURROIE TRAPEZOIDALE (POMPE À EAU)	237-2658	1	POMPE A EAU (ASS)	137
JOINT PLAT (*EXPANSION TANK CAP)	210-6738	1	RESERVOIR D'EXPANSION (ASS)	145
		1	RESERVOIR D'EXPANSION (ASS)	147
		1	RÉSERVOIR DU LIQUIDE DE REFROIDISSEMENT (ASS)	139
		1	RÉSERVOIR DU LIQUIDE DE REFROIDISSEMENT (ASS)	141
		1	RÉSERVOIR DU LIQUIDE DE REFROIDISSEMENT (ASS)	143
PIÈCE D'ESPACEMENT (RÉGULATEUR DE TEMPÉRATURE D'EAU)	193-5111	1	CANALISATIONS D'EAU (ASS)	93
		1	CANALISATIONS D'EAU (ASS)	101
		1	CANALISATIONS D'EAU (ASS)	107
		1	CANALISATIONS D'EAU (ASS)	110
		1	CANALISATIONS D'EAU (ASS)	113
		1	CANALISATIONS D'EAU (ASS)	116
		1	CANALISATIONS D'EAU (ASS)	119
		1	CANALISATIONS D'EAU (ASS)	122
		1	CANALISATIONS D'EAU (ASS)	125
		1	CANALISATIONS D'EAU (ASS)	128
		1	*LINES GP-WATER	104
RÉGULATEUR (ENS) (80 DEGRÉS C) (TEMPÉRATURE DE L'EAU)	194-7150	1	CANALISATIONS D'EAU (ASS)	95
		1	CANALISATIONS D'EAU (ASS)	93
		1	CANALISATIONS D'EAU (ASS)	95
		1	CANALISATIONS D'EAU (ASS)	101
		1	CANALISATIONS D'EAU (ASS)	107
		1	CANALISATIONS D'EAU (ASS)	110
		1	CANALISATIONS D'EAU (ASS)	113
		1	CANALISATIONS D'EAU (ASS)	116
		1	CANALISATIONS D'EAU (ASS)	119
		1	CANALISATIONS D'EAU (ASS)	122
		1	CANALISATIONS D'EAU (ASS)	125
		1	CANALISATIONS D'EAU (ASS)	128
		1	*LINES GP-WATER	104
THERMOSTAT-TEMPÉRATURE D'EAU	4W-8063	2	POMPE A EAU (ASS)	135

\* TRADUCTION NON DISPONIBLE AU MOMENT DE LA PUBLICATION



# PIÈCES DE RECHANGE

DESCRIPTION	NUMÉRO DE PIÈCES	QTÉ	DOMAINE D'APPLICATION	PAGE
<b>CIRCUIT ELECTRIQUE ET DE DEMARRAGE</b>				
FUSIBLE (25 A)	213-0176	1	COFFRE DE RACCORDS (ASS)	209
		1	COFFRE DE RACCORDS (ASS)	212
FUSIBLE (32A)	149-7996	1	COFFRE DE RACCORDS (ASS)	209
		1	COFFRE DE RACCORDS (ASS)	212
FUSIBLE (6A)	143-4472	1	COFFRE DE RACCORDS (ASS)	212
RÉCHAUFFEUR (AIR)	035-8059	1	AUXILIAIRE DE DÉMARRAGE (ASS)	268
		1	RÉCHAUFFEUR D'AIDE AU DÉMARRAGE (ASS)	250
		1	SOLÉNOÏDE (ASS)	266
		1	SOLÉNOÏDE (ASS)	267
		1	*STARTING AID GP	270
<b>ENVELOPPES, PROTECTEURS ET SUPPORTS</b>				
FUSIBLE (BOUTON DE RÉARMEMENT)	215-1262	1	CARENAGE (ASS)	384
		3	CARENAGE (ASS)	385
<b>MOTEUR</b>				
BOUCHON-VIDANGE DU CARTER	7C-0351	2	HUILE MOTEUR - CARTER (ASS)	55
		1	HUILE MOTEUR - CARTER (ASS)	57
CHAPEAU (ENS) (REPLISSAGE D'HUILE) (MOTEUR)	136-3608	1	CACHE-SOUPAPES (ASS)	21
COURROIE TRAPEZOIDALE (ALTERNATEUR)	6L-3408	1	MONTAGE D'ALTERNATEUR (ASS)	46
COURROIE TRAPEZOIDALE (EMBAYAGE)	210-7758	1	EMBAYAGE (ASS)	16
JOINT PLAT (CACHE-SOUPAPES)	126-2238	1	CACHE-SOUPAPES (ASS)	21

\* TRADUCTION NON DISPONIBLE AU MOMENT DE LA PUBLICATION



# PIÈCES DE RECHANGE

DESCRIPTION	NUMÉRO DE PIÈCES	QTÉ	DOMAINE D'APPLICATION	PAGE		
<b>POSTE DE CONDUITE</b>						
AMPOULE (PANNEAU À USAGE MULTIPLE) (24V)	169-4500	2	PANNEAU DE COMMANDE (ASS)	301		
		2	PANNEAU DE COMMANDE (ASS)	303		
		2	PANNEAU DE COMMANDE (ASS)	305		
		2	PANNEAU DE COMMANDE (ASS)	313		
		2	PANNEAU DE COMMANDE (ASS)	315		
		2	PANNEAU DE COMMANDE (ASS)	317		
		2	PANNEAU DE COMMANDE (ASS)	320		
		2	PANNEAU DE COMMANDE (ASS)	323		
		2	PANNEAU DE COMMANDE (ASS)	326		
		2	PANNEAU DE COMMANDE (ASS)	307		
		AMPOULE (12 VOLTS) (*MULTIPLE USE PANEL)	2N-2372	2	PANNEAU DE COMMANDE (ASS)	309
				2	PANNEAU DE COMMANDE (ASS)	311
				2	PANNEAU DE COMMANDE (ASS)	319
				2	PANNEAU DE COMMANDE (ASS)	321
2	PORTE ÉLECTRONIQUE (ASS)			325		
2	PANNEAU DE COMMANDE (ASS)			295		
2	PANNEAU DE COMMANDE (ASS)			297		
2	PANNEAU DE COMMANDE (ASS)			299		
FUSIBLE (6A)	143-4472			1	TABLEAU ÉLECTRONIQUE (ASS)	329
				1	TABLEAU ÉLECTRONIQUE (ASS)	332
		1	TABLEAU ÉLECTRONIQUE (ASS)	333		
		1	TABLEAU ÉLECTRONIQUE (ASS)	340		
		1	TABLEAU ÉLECTRONIQUE (ASS)	341		
		1	TABLEAU ÉLECTRONIQUE (ASS)	342		
		1	TABLEAU ÉLECTRONIQUE (ASS)	349		
		1	TABLEAU ÉLECTRONIQUE (ASS)	350		
		1	TABLEAU ÉLECTRONIQUE (ASS)	351		
		<b>SYSTEME D'ÉCHAPPEMENT ET D'ADMISSION D'AIR</b>				
CHAPEAU (FILTRE À AIR)	101-7856	1	FILTRE A AIR (ASS)	148		
		1	FILTRE A AIR (ASS)	150		
ÉLÉMENT DE FILTRE À AIR (PRINCIPAL)	212-4478	1	FILTRE A AIR (ASS)	148		
		1	FILTRE A AIR (ASS)	150		
ÉLÉMENT DE FILTRE À AIR (SECONDAIRE)	212-4477	1	FILTRE A AIR (ASS)	148		
		1	FILTRE A AIR (ASS)	150		
TÉMOIN (RESTRICTION D'AIR)	101-7176	1	FILTRE A AIR (ASS)	148		
		1	FILTRE A AIR (ASS)	150		
	210-6628	1	CANALISATIONS D'AIR (ASS)	158		
		1	CANALISATIONS D'AIR (ASS)	159		

\* TRADUCTION NON DISPONIBLE AU MOMENT DE LA PUBLICATION



# PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
<b>COMPARTIMENTOS, PROTECTORES Y BASES</b>				
FUSIBLE (BOTÓN DE REACTIVACIÓN)	215-1262	1	COMPARTIMIENTO (GR)	384
		3	COMPARTIMIENTO (GR)	385
<b>MOTOR BÁSICO</b>				
CORREA TRAPEZOIDAL (ACOPLAMIENTO)	210-7758	1	EMBRAGUE (GR)	16
CORREA TRAPEZOIDAL (ALTERNADOR)	6L-3408	1	MONTAJE DEL ALTERNADOR (GR)	46
EMPAQUETADURA (TAPA DE VÁLVULA)	126-2238	1	TAPA DEL MECANISMO DE VÁLVULAS (GR)	21
TAPÓN (CONJ) (FILTRO DE ACEITE) (MOTOR)	136-3608	1	TAPA DEL MECANISMO DE VÁLVULAS (GR)	21
TAPON DE DRENAJE DE SUMIDERO	7C-0351	2	CÁRTER - COLECTOR DEL (GR)	55
		1	CÁRTER - COLECTOR DEL (GR)	57
<b>PUESTO DEL OPERADOR</b>				
FUSIBLE (6 AMPERIOS)	143-4472	1	TABLERO ELECTRÓNICO (GR)	329
		1	TABLERO ELECTRÓNICO (GR)	332
		1	TABLERO ELECTRÓNICO (GR)	333
		1	TABLERO ELECTRÓNICO (GR)	340
		1	TABLERO ELECTRÓNICO (GR)	341
		1	TABLERO ELECTRÓNICO (GR)	342
		1	TABLERO ELECTRÓNICO (GR)	349
		1	TABLERO ELECTRÓNICO (GR)	350
		1	TABLERO ELECTRÓNICO (GR)	351
LÁMPARA (TABLERO DE USO MULTIPLE) (24 VOLTIOS)	169-4500	2	PANEL DE CONTROL (GR)	301
		2	PANEL DE CONTROL (GR)	303
		2	PANEL DE CONTROL (GR)	305
		2	PANEL DE CONTROL (GR)	313
		2	PANEL DE CONTROL (GR)	315
		2	PANEL DE CONTROL (GR)	317
		2	PANEL DE CONTROL (GR)	320
		2	PANEL DE CONTROL (GR)	323
		2	PANEL DE CONTROL (GR)	326
LÁMPARA (12 VOLTIOS) (TABLERO DE USO MULTIPLE)	2N-2372	2	PANEL DE CONTROL (GR)	295
		2	PANEL DE CONTROL (GR)	297
		2	PANEL DE CONTROL (GR)	299
		2	PANEL DE CONTROL (GR)	307
		2	PANEL DE CONTROL (GR)	309
		2	PANEL DE CONTROL (GR)	311
		2	PANEL DE CONTROL (GR)	319
		2	PANEL DE CONTROL (GR)	321
		2	PUERTA ELECTRONICA (GR)	325

\* NO HAY TRADUCCION DISPONIBLE EN EL MOMENTO DE LA IMPRESION



# PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
<b>SISTEMA DE ADMISION DE AIRE Y ESCAPE</b>				
ELEMENTO DE FILTRO DE AIRE (PRIMARIO)	212-4478	1	FILTRO DE AIRE (GR)	148
		1	FILTRO DE AIRE (GR)	150
ELEMENTO DE FILTRO DE AIRE (SECUNDARIO)	212-4477	1	FILTRO DE AIRE (GR)	148
		1	FILTRO DE AIRE (GR)	150
INDICADOR (RESTRICCION DE AIRE)	101-7176	1	FILTRO DE AIRE (GR)	148
		1	FILTRO DE AIRE (GR)	150
	210-6628	1	AIRE - TUBERÍAS DE (GR)	158
		1	AIRE - TUBERÍAS DE (GR)	159
TAPA (FILTRO DE AIRE)	101-7856	1	FILTRO DE AIRE (GR)	148
		1	FILTRO DE AIRE (GR)	150
<b>SISTEMA DE COMBUSTIBLE</b>				
*ELEMENT-FUEL (FILTRO)	236-6057	2	FILTRO Y TUBERÍAS DE COMBUSTIBLE (GR)	170
ELEMENTO DE FILTRO DE COMBUSTIBLE	205-3043	1	FILTRO DE COMBUSTIBLE (GR)	175
ELEMENTO DE FILTRO DE COMBUSTIBLE (CONJ) (SEPARADOR DE AGUA)	206-6909	1	SEPARADOR DE AGUA (GR)	201
		1	SEPARADOR DE AGUA (GR)	203
FILTRO DE COMBUSTIBLE (CONJ)	210-6787	1	FILTRO DE COMBUSTIBLE (GR)	173
*HEATER (AIRE)	035-8059	1	FILTRO DE COMBUSTIBLE (GR)	175
		1	FILTRO Y TUBERÍAS DE COMBUSTIBLE (GR)	170
REJILLA (BOMBA DE INYECCIÓN)	110-5400	1	BOMBA DE INYECCIÓN DE COMBUSTIBLE (GR)	190
TAPÓN DE DRENAJE (FILTRO DE COMBUSTIBLE)	205-3041	1	FILTRO DE COMBUSTIBLE (GR)	173
		1	FILTRO DE COMBUSTIBLE (GR)	175
	234-2566	1	SEPARADOR DE AGUA (GR)	201
TAPÓN DE DRENAJE (SEPARADOR DE AGUA)	234-2566	1	SEPARADOR DE AGUA (GR)	203
VALVULA DE DRENAJE (CONJ) (FILTRO DE COMBUSTIBLE)	236-5936	1	FILTRO Y TUBERÍAS DE COMBUSTIBLE (GR)	170
<b>SISTEMA DE ENFRIAMIENTO</b>				
ANILLO RETEN (REGULADOR DE TEMPERATURA DEL AGUA)	193-5152	1	*LINES GP-WATER	104
		1	TUBERÍAS DEL AGUA (GR)	93
		1	TUBERÍAS DEL AGUA (GR)	101
		1	TUBERÍAS DEL AGUA (GR)	107
		1	TUBERÍAS DEL AGUA (GR)	110
		1	TUBERÍAS DEL AGUA (GR)	113
		1	TUBERÍAS DEL AGUA (GR)	116
		1	TUBERÍAS DEL AGUA (GR)	119
		1	TUBERÍAS DEL AGUA (GR)	122
		1	TUBERÍAS DEL AGUA (GR)	125
ANILLO RETEN (*WATER TEMOERATURE REGULATOR)	193-5152	1	TUBERÍAS DEL AGUA (GR)	128

\* NO HAY TRADUCCION DISPONIBLE EN EL MOMENTO DE LA IMPRESION



# PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
*CLIP-INTERNAL (REGULADOR DE TEMPERATURA DEL AGUA)	084-4036	1	TUBERÍAS DEL AGUA (GR)	95
CORREA TRAPEZOIDAL (BOMBA DE AGUA)	237-2658	1	BOMBA DE AGUA (GR)	137
EMPAQUETADURA (*EXPANSION TANK CAP)	210-6738	1	TANQUE DE EXPANSIÓN (GR)	145
		1	TANQUE DE EXPANSIÓN (GR)	147
		1	TANQUE DE REFRIGERANTE (GR)	139
		1	TANQUE DE REFRIGERANTE (GR)	141
		1	TANQUE DE REFRIGERANTE (GR)	143
ESPACIADOR (REGULADOR DE TEMPERATURA DEL AGUA)	193-5111	1	*LINES GP-WATER	104
		1	TUBERÍAS DEL AGUA (GR)	93
		1	TUBERÍAS DEL AGUA (GR)	95
		1	TUBERÍAS DEL AGUA (GR)	101
		1	TUBERÍAS DEL AGUA (GR)	107
		1	TUBERÍAS DEL AGUA (GR)	110
		1	TUBERÍAS DEL AGUA (GR)	113
		1	TUBERÍAS DEL AGUA (GR)	116
		1	TUBERÍAS DEL AGUA (GR)	119
		1	TUBERÍAS DEL AGUA (GR)	122
		1	TUBERÍAS DEL AGUA (GR)	125
		1	TUBERÍAS DEL AGUA (GR)	128
REGULADOR (CONJ) (80 GRADOS C) (TEMPERATURA DEL AGUA)	194-7150	1	*LINES GP-WATER	104
		1	TUBERÍAS DEL AGUA (GR)	93
		1	TUBERÍAS DEL AGUA (GR)	95
		1	TUBERÍAS DEL AGUA (GR)	101
		1	TUBERÍAS DEL AGUA (GR)	107
		1	TUBERÍAS DEL AGUA (GR)	113
		1	TUBERÍAS DEL AGUA (GR)	116
		1	TUBERÍAS DEL AGUA (GR)	119
		1	TUBERÍAS DEL AGUA (GR)	122
		1	TUBERÍAS DEL AGUA (GR)	125
		1	TUBERÍAS DEL AGUA (GR)	128
REGULADOR (CONJ) (80 GRADOS C) (*WATER TEMPATURE)	194-7150	1	TUBERÍAS DEL AGUA (GR)	110
REGULADOR DE TEMPERATURA DEL AGUA	4W-8063	2	BOMBA DE AGUA (GR)	135
TAPA (PRESIÓN, 7 LB/PULG2) (TANQUE DE EXPANSION)	230-5119	1	TANQUE DE EXPANSIÓN (GR)	145
		1	TANQUE DE EXPANSIÓN (GR)	147
		1	TANQUE DE REFRIGERANTE (GR)	139
		1	TANQUE DE REFRIGERANTE (GR)	141
		1	TANQUE DE REFRIGERANTE (GR)	143
<b>SISTEMA DE LUBRICACIÓN</b>				
FILTRO DE ACEITE DEL MOTOR (CONJ)	7W-2327	2	FILTRO DE ACEITE DEL MOTOR (GR)	70
MANGUERA (ELIMINACION DE GASES)	210-6636	1	DRENAJE-ELIMINACION DE VAPORES DEL CARTER (GR)	68
	210-6641	1	DRENAJE-ELIMINACION DE VAPORES DEL CARTER (GR)	68

\* NO HAY TRADUCCION DISPONIBLE EN EL MOMENTO DE LA IMPRESION



# PIEZAS DE MANTENIMIENTO

DESCRIPCION	NUMERO DE PIEZA	CANT	SE UTILIZA EN	PAGINA
<b>SISTEMA ELECTRICO Y DE ARRANQUE</b>				
FUSIBLE (25 AMP)	213-0176	1	CAJA DE CONEXION (GR)	209
		1	CAJA DE CONEXION (GR)	212
FUSIBLE (32 AMP)	149-7996	1	CAJA DE CONEXION (GR)	209
		1	CAJA DE CONEXION (GR)	212
FUSIBLE (6 AMPERIOS)	143-4472	1	CAJA DE CONEXION (GR)	212
*HEATER (AIRE)	035-8059	1	AUXILIAR DE ARRANQUE (GR)	268
		1	GRUPO DE CALENTADOR, ARRANQUE ASISTIDO	250
		1	SOLENOIDE (GR)	266
		1	SOLENOIDE (GR)	267
		1	*STARTING AID GP	270

\* NO HAY TRADUCCION DISPONIBLE EN EL MOMENTO DE LA IMPRESION





# PEÇAS DE MANUTENÇÃO

DESCRIÇÃO	NÚMERO DE PEÇA	QUANT	UTILIZADA EM	PÁGINA
<b>COBERTURAS, PROTETORES E BASES</b>				
FUSÍVEL (BOTÃO DE RECONFIGURAÇÃO)	215-1262	1	COBERTURA	384
		3	COBERTURA	385
<b>MOTOR BÁSICO</b>				
BUJÃO - DRENAGEM DO RESERVATÓRIO	7C-0351	2	CÁRTER DO ÓLEO DO MOTOR	55
		1	CÁRTER DO ÓLEO DO MOTOR	57
CORREIA EM V (ALTERNADOR)	6L-3408	1	MONTAGEM - ALTERNADOR	46
CORREIA EM V (EMBREAGEM)	210-7758	1	EMBREAGEM	16
JUNTA (TAMPA DA VÁLVULA)	126-2238	1	TAMPA - MECANISMO DAS VÁLVULAS	21
TAMPA (BOCAL DE ENCHIMENTO DE ÓLEO) (MOTOR)	136-3608	1	TAMPA - MECANISMO DAS VÁLVULAS	21
<b>POSTO DO OPERADOR</b>				
FUSÍVEL (6 AMP)	143-4472	1	PAINEL ELETRÔNICO	329
		1	PAINEL ELETRÔNICO	332
		1	PAINEL ELETRÔNICO	333
		1	PAINEL ELETRÔNICO	340
		1	PAINEL ELETRÔNICO	341
		1	PAINEL ELETRÔNICO	342
		1	PAINEL ELETRÔNICO	349
		1	PAINEL ELETRÔNICO	350
		1	PAINEL ELETRÔNICO	351
LÂMPADA (PAINEL DE MÚLTIPLOS USOS) (24V)	169-4500	2	PAINEL DE CONTROLE	301
		2	PAINEL DE CONTROLE	303
		2	PAINEL DE CONTROLE	305
		2	PAINEL DE CONTROLE	313
		2	PAINEL DE CONTROLE	315
		2	PAINEL DE CONTROLE	317
		2	PAINEL DE CONTROLE	320
		2	PAINEL DE CONTROLE	323
		2	PAINEL DE CONTROLE	326
LÂMPADA (12 V) (PAINEL DE MÚLTIPLOS USOS)	2N-2372	2	PAINEL DE CONTROLE	307
		2	PAINEL DE CONTROLE	309
		2	PAINEL DE CONTROLE	311
		2	PAINEL DE CONTROLE	319
		2	PAINEL DE CONTROLE	321
		2	PORTA ELETRÔNICA	325
		2	PAINEL DE CONTROLE	295
		2	PAINEL DE CONTROLE	297
		2	PAINEL DE CONTROLE	299



# PEÇAS DE MANUTENÇÃO

DESCRIÇÃO	NÚMERO DE PEÇA	QUANT	UTILIZADA EM	PÁGINA
<b>SISTEMA DE ADMISSÃO E ESCAPE</b>				
ELEMENTO FILTRANTE - AR (PRIMÁRIO)	212-4478	1	PURIFICADOR DE AR	148
		1	PURIFICADOR DE AR	150
ELEMENTO FILTRANTE - AR (SECUNDÁRIO)	212-4477	1	PURIFICADOR DE AR	148
		1	PURIFICADOR DE AR	150
INDICADOR (RESTRIÇÃO DE AR)	101-7176	1	PURIFICADOR DE AR	148
		1	PURIFICADOR DE AR	150
	210-6628	1	TUBOS - AR	158
		1	TUBOS - AR	159
TAMPA (PURIFICADOR DE AR)	101-7856	1	PURIFICADOR DE AR	148
		1	PURIFICADOR DE AR	150
<b>SISTEMA DE ARREFECIMENTO</b>				
ANEL RETENTOR (REGULADOR DA TEMPERATURA DA ÁGUA)	193-5152	1	*LINES GP-WATER	104
		1	TUBOS - ÁGUA	93
		1	TUBOS - ÁGUA	101
		1	TUBOS - ÁGUA	107
		1	TUBOS - ÁGUA	110
		1	TUBOS - ÁGUA	113
		1	TUBOS - ÁGUA	116
		1	TUBOS - ÁGUA	119
		1	TUBOS - ÁGUA	122
		1	TUBOS - ÁGUA	125
		1	TUBOS - ÁGUA	128
CLIQUE - INTERNO (REGULADOR DA TEMPERATURA DA ÁGUA)	084-4036	1	TUBOS - ÁGUA	95
CORREIA EM V (BOMBA D'ÁGUA)	237-2658	1	BOMBA DE ÁGUA	137
ESPAÇADOR (REGULADOR DA TEMPERATURA DA ÁGUA)	193-5111	1	*LINES GP-WATER	104
		1	TUBOS - ÁGUA	93
		1	TUBOS - ÁGUA	95
		1	TUBOS - ÁGUA	101
		1	TUBOS - ÁGUA	107
		1	TUBOS - ÁGUA	110
		1	TUBOS - ÁGUA	113
		1	TUBOS - ÁGUA	116
		1	TUBOS - ÁGUA	119
		1	TUBOS - ÁGUA	122
		1	TUBOS - ÁGUA	125
		1	TUBOS - ÁGUA	128
JUNTA (TAMPA DO TANQUE DE EXPANSÃO)	210-6738	1	TANQUE - LÍQUIDO ARREFECEDOR	139
		1	TANQUE - LÍQUIDO ARREFECEDOR	141
		1	TANQUE - LÍQUIDO ARREFECEDOR	143
		1	TANQUE DE EXPANSÃO	145
		1	TANQUE DE EXPANSÃO	147
REGULADOR DE TEMPERATURA DA ÁGUA	4W-8063	2	BOMBA DE ÁGUA	135
REGULADOR (80 GRAUS CELSIUS) (TEMPERATURA DA ÁGUA)	194-7150	1	*LINES GP-WATER	104
		1	TUBOS - ÁGUA	93



# PEÇAS DE MANUTENÇÃO

DESCRIÇÃO	NÚMERO DE PEÇA	QUANT	UTILIZADA EM	PÁGINA
		1	TUBOS - ÁGUA	95
		1	TUBOS - ÁGUA	101
		1	TUBOS - ÁGUA	107
		1	TUBOS - ÁGUA	110
		1	TUBOS - ÁGUA	113
		1	TUBOS - ÁGUA	116
		1	TUBOS - ÁGUA	119
		1	TUBOS - ÁGUA	122
		1	TUBOS - ÁGUA	125
		1	TUBOS - ÁGUA	128
TAMPA (PRESSÃO, 7PSI) (TANQUE DE EXPANSÃO)	230-5119	1	TANQUE - LÍQUIDO ARREFECEDOR	139
		1	TANQUE - LÍQUIDO ARREFECEDOR	141
		1	TANQUE - LÍQUIDO ARREFECEDOR	143
		1	TANQUE DE EXPANSÃO	145
		1	TANQUE DE EXPANSÃO	147
<b>SISTEMA DE COMBUSTÍVEL</b>				
AQUECEDOR (AR)	035-8059	1	FILTRO - COMBUSTÍVEL	175
		1	FILTRO E TUBOS - COMBUSTÍVEL	170
BUJÃO DO DRENO (FILTRO DE COMBUSTÍVEL)	205-3041	1	FILTRO - COMBUSTÍVEL	173
	234-2566	1	SEPARADOR DE ÁGUA	201
	205-3041	1	FILTRO - COMBUSTÍVEL	175
BUJÃO DO DRENO (SEPARADOR DE ÁGUA)	234-2566	1	SEPARADOR DE ÁGUA	203
ELEMENTO - COMBUSTÍVEL (FILTRO)	236-6057	2	FILTRO E TUBOS - COMBUSTÍVEL	170
ELEMENTO - FILTRO DE COMBUSTÍVEL (SEPARADOR DE ÁGUA)	206-6909	1	SEPARADOR DE ÁGUA	201
		1	SEPARADOR DE ÁGUA	203
ELEMENTO DO FILTRO DE COMBUSTÍVEL	205-3043	1	FILTRO - COMBUSTÍVEL	175
FILTRO - COMBUSTÍVEL	210-6787	1	FILTRO - COMBUSTÍVEL	173
TELA FILTRANTE (BOMBA INJETORA)	110-5400	1	BOMBA DE INJEÇÃO DO COMBUSTÍVEL	190
VÁLVULA DE DRENAGEM (FILTRO DE COMBUSTÍVEL)	236-5936	1	FILTRO E TUBOS - COMBUSTÍVEL	170
<b>SISTEMA DE LUBRIFICAÇÃO</b>				
FILTRO - ÓLEO DO MOTOR	7W-2327	2	FILTRO - ÓLEO DO MOTOR	70
MANGUEIRA (ELIMINAÇÃO DE VAPORES)	210-6636	1	DRENO - ELIMINAÇÃO DE VAPORES DO CÁRTER	68
	210-6641	1	DRENO - ELIMINAÇÃO DE VAPORES DO CÁRTER	68



# PEÇAS DE MANUTENÇÃO

DESCRIÇÃO	NÚMERO DE PEÇA	QUANT	UTILIZADA EM	PÁGINA
<b>SISTEMA ELÉTRICO E DE PARTIDA</b>				
AQUECEDOR (AR)	035-8059	1	AQUECEDOR - AUXILIAR DE PARTIDA	250
		1	AUXILIAR DE PARTIDA	268
		1	SOLENOÍDE	266
		1	SOLENOÍDE	267
		1	*STARTING AID GP	270
FUSÍVEL (25 A)	213-0176	1	CAIXA DE CONEXÃO	209
		1	CAIXA DE CONEXÃO	212
FUSÍVEL (32 AMP)	149-7996	1	CAIXA DE CONEXÃO	209
		1	CAIXA DE CONEXÃO	212
FUSÍVEL (6 AMP)	143-4472	1	CAIXA DE CONEXÃO	212



# WARTUNGSTEILE

BESCHREIBUNG	ERSATZTEIL- NUMMER	MENGE	VERWENDET IN	SEITE		
<b>BEDIENUNGSSTAND</b>						
LEUCHTE (MULTIFUNKTIONSTAFEL) (24 V)	169-4500	2	SCHALTTAFEL	301		
		2	SCHALTTAFEL	303		
		2	SCHALTTAFEL	305		
		2	SCHALTTAFEL	313		
		2	SCHALTTAFEL	315		
		2	SCHALTTAFEL	317		
		2	SCHALTTAFEL	320		
		2	SCHALTTAFEL	323		
		2	SCHALTTAFEL	326		
		2	SCHALTTAFEL	295		
LEUCHTE (12 V) (MULTIFUNKTIONSTAFEL)	2N-2372	2	SCHALTTAFEL	297		
		2	SCHALTTAFEL	299		
		2	SCHALTTAFEL	307		
		2	SCHALTTAFEL	309		
		2	SCHALTTAFEL	311		
		2	SCHALTTAFEL	319		
		2	SCHALTTAFEL	321		
		2	ZUGANGSKLAPPE (ELEKTRONIK)	325		
		SICHERUNG (6 A)	143-4472	1	SCHALTTAFEL, ELEKTRON.	329
				1	SCHALTTAFEL, ELEKTRON.	332
1	SCHALTTAFEL, ELEKTRON.			333		
1	SCHALTTAFEL, ELEKTRON.			340		
1	SCHALTTAFEL, ELEKTRON.			341		
1	SCHALTTAFEL, ELEKTRON.			342		
1	SCHALTTAFEL, ELEKTRON.			349		
1	SCHALTTAFEL, ELEKTRON.			350		
1	SCHALTTAFEL, ELEKTRON.			351		
<b>ELEKTRISCHE ANLAGE UND STARTSYSTEM</b>						
*HEATER (LUFTFILTER)	035-8059	1	SOLENOID	266		
		1	SOLENOID	267		
		1	STARTHILFE	268		
		1	STARTHILFE - VORWÄRMER	250		
		1	*STARTING AID GP	270		
		SICHERUNG (25 A)	213-0176	1	ANSCHLUSSKASTEN	209
1	ANSCHLUSSKASTEN			212		
SICHERUNG (32 A)	149-7996	1	ANSCHLUSSKASTEN	209		
		1	ANSCHLUSSKASTEN	212		
SICHERUNG (6 A)	143-4472	1	ANSCHLUSSKASTEN	212		
<b>GEHÄUSE, SCHUTZVERKLEIDUNGEN UND SOCKEL</b>						
SICHERUNG (RÜCKSTELLKNOPF)	215-1262	1	VERKLEIDUNG	384		
		3	VERKLEIDUNG	385		

\* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN



# WARTUNGSTEILE

BESCHREIBUNG	ERSATZTEIL- NUMMER	MENGE	VERWENDET IN	SEITE
<b>KRAFTSTOFFSYSTEM</b>				
ABLASSSTOPFEN (KRAFTSTOFFFILTER)	234 -2566	1	WASSERABSCHEIDER	201
	205 -3041	1	KRAFTSTOFFFILTER	173
		1	KRAFTSTOFFFILTER	175
ABLASSSTOPFEN (WASSERABSCHEIDER)	234 -2566	1	WASSERABSCHEIDER	203
ABLASSVENTIL (KRAFTSTOFFFILTER)	236 -5936	1	KRAFTSTOFFFILTER UND LEITUNGEN	170
*ELEMENT-FUEL (FILTER)	236 -6057	2	KRAFTSTOFFFILTER UND LEITUNGEN	170
*HEATER (LUFTFILTER)	035 -8059	1	KRAFTSTOFFFILTER	175
KRAFTSTOFFFILTEREREINSATZ (WASSERABSCHEIDER)	206 -6909	1	WASSERABSCHEIDER	203
		1	WASSERABSCHEIDER	201
KRAFTSTOFFFILTER	210 -6787	1	KRAFTSTOFFFILTER	173
KRAFTSTOFFFILTERELEMENT	205 -3043	1	KRAFTSTOFFFILTER	175
SCREEN (EINSPRITZPUMPE)	110 -5400	1	KRAFTSTOFFEINSPRITZPUMPE	190
<b>KÜHLSYSTEM</b>				
*CLIP-INTERNAL (KÜHLWASSERTHERMOSTAT)	084 -4036	1	KÜHLWASSERLEITUNGEN	95
DICHTUNG (*EXPANSION TANK CAP)	210 -6738	1	AUSGLEICHSBEHÄLTER	145
		1	AUSGLEICHSBEHÄLTER	147
		1	KÜHLMITTELBEHÄLTER	139
		1	KÜHLMITTELBEHÄLTER	141
		1	KÜHLMITTELBEHÄLTER	143
		1	KÜHLWASSERLEITUNGEN	93
		1	KÜHLWASSERLEITUNGEN	95
		1	KÜHLWASSERLEITUNGEN	101
		1	KÜHLWASSERLEITUNGEN	107
		1	KÜHLWASSERLEITUNGEN	110
DISTANZSTÜCK (KÜHLWASSERTHER- MOSTAT)	193 -5111	1	KÜHLWASSERLEITUNGEN	113
		1	KÜHLWASSERLEITUNGEN	116
		1	KÜHLWASSERLEITUNGEN	119
		1	KÜHLWASSERLEITUNGEN	122
		1	KÜHLWASSERLEITUNGEN	125
		1	KÜHLWASSERLEITUNGEN	128
		1	*LINES GP-WATER	104
		1	KÜHLWASSERLEITUNGEN	93
		1	KÜHLWASSERLEITUNGEN	101
		1	KÜHLWASSERLEITUNGEN	107
HALTERING (KÜHLWASSERTHER- MOSTAT)	193 -5152	1	KÜHLWASSERLEITUNGEN	110
		1	KÜHLWASSERLEITUNGEN	113
		1	KÜHLWASSERLEITUNGEN	116
		1	KÜHLWASSERLEITUNGEN	119
		1	KÜHLWASSERLEITUNGEN	122
		1	KÜHLWASSERLEITUNGEN	125
		1	KÜHLWASSERLEITUNGEN	128
		1	*LINES GP-WATER	104
		1	KÜHLWASSERLEITUNGEN	128
		1	KÜHLWASSERLEITUNGEN	128
HALTERING (*WATER TEMPERATURE REGULATOR)	193 -5152	1	KÜHLWASSERLEITUNGEN	128

\* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN



# WARTUNGSTEILE

BESCHREIBUNG	ERSATZTEIL- NUMMER	MENGE	VERWENDET IN	SEITE	
KAPPE (DRUCK, 7 PSI) (AUSGLEICHSTANK)	230-5119	1	AUSGLEICHSBEHÄLTER	145	
		1	AUSGLEICHSBEHÄLTER	147	
		1	KÜHLMITTELBEHÄLTER	139	
		1	KÜHLMITTELBEHÄLTER	141	
		1	KÜHLMITTELBEHÄLTER	143	
KEILRIEMEN (WASSERPUMPE)	237-2658	1	KÜHLWASSERPUMPE	137	
REGLER (80 GRAD CELSIUS) (WASSEITEMPERATUR)	194-7150	1	KÜHLWASSERLEITUNGEN	93	
		1	KÜHLWASSERLEITUNGEN	95	
		1	KÜHLWASSERLEITUNGEN	101	
		1	KÜHLWASSERLEITUNGEN	107	
		1	*LINES GP-WATER	104	
		1	KÜHLWASSERLEITUNGEN	113	
		1	KÜHLWASSERLEITUNGEN	116	
		1	KÜHLWASSERLEITUNGEN	119	
		1	KÜHLWASSERLEITUNGEN	122	
		1	KÜHLWASSERLEITUNGEN	125	
		1	KÜHLWASSERLEITUNGEN	128	
		1	KÜHLWASSERLEITUNGEN	128	
		1	KÜHLWASSERLEITUNGEN	110	
REGLER (80 GRAD CELSIUS) (*WATER TEMPATURE)	194-7150	1	KÜHLWASSERLEITUNGEN	110	
WASSEITEMPERATURREGLER	4W-8063	2	KÜHLWASSERPUMPE	135	
<b>LUFTANSAUG- UND ABGASSYSTEM</b>					
ANZEIGE (VERSTOPFUNG)	101-7176	1	LUFTREINIGER	150	
		210-6628	1	DRUCKLUFTLEITUNGEN	158
		1	DRUCKLUFTLEITUNGEN	159	
KAPPE (LUFTREINIGER)	101-7176	1	LUFTREINIGER	148	
		101-7856	1	LUFTREINIGER	148
			1	LUFTREINIGER	150
LUFTTFILTERELEMENT (HAUPTLEMENT)	212-4478	1	LUFTREINIGER	148	
		1	LUFTREINIGER	150	
LUFTTFILTERELEMENT (SICHERHEITSELEMENT)	212-4477	1	LUFTREINIGER	148	
		1	LUFTREINIGER	150	
<b>MOTOR (GRUNDAUSFÜHRUNG)</b>					
DICHTUNG (VENTILDECKEL)	126-2238	1	VENTILDECKEL	21	
KAPPE (ÖLEINFÜLLUNG) (MOTOR)	136-3608	1	VENTILDECKEL	21	
KEILRIEMEN (DREHSTROMGENERA- TOR)	6L-3408	1	DREHSTROMGENERATOR - BEFESTIGUNG	46	
KEILRIEMEN (KUPPLUNG)	210-7758	1	KUPPLUNG	16	
ÖLWANNEN-ABLASSCHRAUBE	7C-0351	2	ÖLWANNE	55	
		1	ÖLWANNE	57	
<b>SCHMIERSYSTEM</b>					
ÖLFILTER	7W-2327	2	ÖLFILTER	70	
SCHLAUCHLEITUNG (ENTDUNSTER)	210-6636	1	ENTDUNSTERABLASS	68	
	210-6641	1	ENTDUNSTERABLASS	68	

\* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN



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\* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN



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\* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN



# STICHWORTVERZEICHNIS

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\* ÜBERSETZUNG ZUM ZEITPUNKT DER DRUCKLEGUNG NICHT VORHANDEN



# ENGINE ARRANGEMENT

## 212-1384 ENGINE AR

S/N: GSN1-UP

93/110 BRAKE KW (124/148 BHP) AT 1500/1800 RPM  
ALSO AN ATTACHMENT

SMCS-1000

i01766376

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	214-6339	1	AIR CLEANER GP						150
Y	214-6076	1	CONNECTION GP-WATER						82
Y	214-5997	1	COOLER GP-FLTR BASE & ENG OIL						84
Y	214-5996	1	COVER GP-VALVE MECHANISM						21
	<b>200-6281</b>	1	CYLINDER BLOCK GP-SHORT						
Y	214-5961	1	ENGINE AR-CORE						10
Y	214-6378	1	FILTER & LINES GP-FUEL						168
Y	198-5819	1	LIFTING GP-ENGINE						44
Y	214-6095	1	MANIFOLD GP-EXHAUST						162
Y	171-1090	1	FASTENER GP-ALTERNATOR						29
Y	147-5496	1	MOUNTING GP-ENGINE						48
Y	214-5964	1	PAN GP-OIL						55
Y	147-5524	1	PLUG GP-CYLINDER BLOCK						60
Y	198-5801	1	PLUG GP-CYLINDER HEAD						61
Y	198-5807	1	PLUG GP-ENGINE						62
Y	214-6379	1	PLUG GP-FUEL FILTER BASE						189
Y	216-2414	1	PULLEY GP-CRANKSHAFT						65
Y	107-2560	1	PUMP GP-FUEL INJECTION						196
Y	214-5998	1	PUMP GP-WATER						135
Y	214-6393	1	SWITCH GP-PRESSURE						283
			AVAILABLE GASKET KIT(S) :						
	<b>175-0385</b>	1	KIT-GASKET (TOP)						
	<b>103-0080</b>	1	KIT-GASKET (BOTTOM)						

Y-SEPARATE ILLUSTRATION



# ENGINE ARRANGEMENT

## 223-3299 ENGINE AR

S/N: SNX1-UP

99 KW AT 60 HZ, 12-VOLT. HEAT EXCHANGER COOLED  
FIELD INSTALLATION

SMCS-1000

i01985080

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	210-6568	1	ALTERNATOR GP-CHARGING						206
Y	198-4109	1	BARRING GP						13
Y	213-5073	1	ENGINE AR-COMPLETE						7
			-OR-						
Y	<b>230-7106</b>	1	ENGINE AR-COMPLETE						9
Y	210-6426	1	FLANGE GP-EXHAUST						157
Y	210-6432	1	HOUSING GP-FLYWHEEL						40
Y	214-4815	1	LINES GP-FLEXIBLE FUEL						182
Y	210-6588	1	MOUNTING GP-ALTERNATOR						46
Y	210-6434	1	MOUNTING GP-STARTING MOTOR						256
Y	210-6548	1	SENSOR GP-ELECTRONIC (TEMPERATURE & PRESSURE)						263
Y	224-3305	1	SOLENOID GP						267
Y	198-4111	1	STARTING MOTOR GP-ELECTRIC						275

Y- SEPARATE ILLUSTRATION



# ENGINE ARRANGEMENT

## 223-3301 ENGINE AR

S/N: SNX1-UP

99 KW AT 60 HZ . 12 VOLT, KEEL COOLED  
FIELD INSTALLATION

SMCS-1000

i01985100

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	210-6568	1	ALTERNATOR GP-CHARGING						206
Y	198-4109	1	BARRING GP						13
Y	213-5074	1	ENGINE AR-COMPLETE						8
			-OR-						
Y	230-7106	1	ENGINE AR-COMPLETE						9
Y	210-6426	1	FLANGE GP-EXHAUST						157
Y	210-6432	1	HOUSING GP-FLYWHEEL						40
Y	214-4815	1	LINES GP-FLEXIBLE FUEL						182
Y	210-6588	1	MOUNTING GP-ALTERNATOR						46
Y	210-6434	1	MOUNTING GP-STARTING MOTOR						256
Y	210-6548	1	SENSOR GP-ELECTRONIC (TEMPERATURE & PRESSURE)						263
Y	224-3305	1	SOLENOID GP						267
Y	198-4111	1	STARTING MOTOR GP-ELECTRIC						275

Y-SEPARATE ILLUSTRATION





# ENGINE ARRANGEMENT

## 223-3302 ENGINE AR

S/N: SNX1-UP

99 KW AT 60 HZ, 24-VOLT. HEAT EXCHANGER COOLED  
FIELD INSTALLATION

SMCS-1000

i01985153

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	206-1287	1	ALTERNATOR GP-CHARGING						205
Y	198-4109	1	BARRING GP						13
Y	213-5073	1	ENGINE AR-COMPLETE						7
			-OR-						
Y	230-7106	1	ENGINE AR-COMPLETE						9
Y	210-6426	1	FLANGE GP-EXHAUST						157
Y	210-6432	1	HOUSING GP-FLYWHEEL						40
Y	214-4815	1	LINES GP-FLEXIBLE FUEL						182
Y	210-6588	1	MOUNTING GP-ALTERNATOR						46
Y	210-6434	1	MOUNTING GP-STARTING MOTOR						256
Y	210-6548	1	SENSOR GP-ELECTRONIC (TEMPERATURE & PRESSURE)						263
Y	224-3304	1	SOLENOID GP						266
Y	198-4112	1	STARTING MOTOR GP-ELECTRIC						276

Y- SEPARATE ILLUSTRATION



# ENGINE ARRANGEMENT

## 223-3303 ENGINE AR

S/N: SNX1-UP

99 KW AT 60 HZ, 24-VOLT. KEEL COOLED  
FIELD INSTALLATION

SMCS-1000

i01985143

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	206-1287	1	ALTERNATOR GP-CHARGING						205
Y	198-4109	1	BARRING GP						13
Y	213-5074	1	ENGINE AR-COMPLETE						8
			-OR-						
Y	230-7106	1	ENGINE AR-COMPLETE						9
Y	210-6426	1	FLANGE GP-EXHAUST						157
Y	210-6432	1	HOUSING GP-FLYWHEEL						40
Y	214-4815	1	LINES GP-FLEXIBLE FUEL						182
Y	210-6588	1	MOUNTING GP-ALTERNATOR						46
Y	210-6434	1	MOUNTING GP-STARTING MOTOR						256
Y	210-6548	1	SENSOR GP-ELECTRONIC (TEMPERATURE & PRESSURE)						263
Y	224-3304	1	SOLENOID GP						266
Y	198-4112	1	STARTING MOTOR GP-ELECTRIC						276

Y-SEPARATE ILLUSTRATION



# ENGINE ARRANGEMENT

## 230-9631 ENGINE AR

S/N: GSN131-UP

93 BRAKE KW (124 BHP) AT 1500 RPM  
AN ATTACHMENT

SMCS-1000

i01884721

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	214-6339	1	AIR CLEANER GP						150
Y	214-6076	1	CONNECTION GP-WATER						82
Y	214-5997	1	COOLER GP-FLTR BASE & ENG OIL						84
Y	214-5996	1	COVER GP-VALVE MECHANISM						21
	<b>215-4181</b>	1	CYLINDER BLOCK GP-SHORT						
Y	214-5961	1	ENGINE AR-CORE						10
Y	198-5819	1	LIFTING GP-ENGINE						44
Y	214-6095	1	MANIFOLD GP-EXHAUST						162
Y	171-1090	1	FASTENER GP-ALTERNATOR						29
Y	230-9637	1	MOUNTING GP-ENGINE						52
Y	170-3711	1	MOUNTING GP-FAN DRIVE						54
Y	214-5964	1	PAN GP-OIL						55
Y	147-5524	1	PLUG GP-CYLINDER BLOCK						60
Y	198-5801	1	PLUG GP-CYLINDER HEAD						61
Y	198-5807	1	PLUG GP-ENGINE						62
Y	230-9643	1	PLUG GP-ENGINE						63
Y	214-6379	1	PLUG GP-FUEL FILTER BASE						189
Y	216-2414	1	PULLEY GP-CRANKSHAFT						65
Y	222-1392	1	PUMP GP-FUEL INJECTION						198
Y	230-9635	1	PUMP GP-FUEL TFR & PRIMING						200
Y	214-5998	1	PUMP GP-WATER						135
Y	214-6393	1	SWITCH GP-PRESSURE						283
			AVAILABLE GASKET KIT(S) :						
	<b>175-0385</b>	1	KIT-GASKET (TOP)						
	<b>184-5301</b>	1	KIT-GASKET (BOTTOM)						

Y- SEPARATE ILLUSTRATION



# ENGINE ARRANGEMENT

## 213-5073 ENGINE AR-COMPLETE

S/N: GSN1-UP

HEAT EXCHANGER COOLED

PART OF 223-3299, 223-3302 ENGINE AR, 213-9660 GENERATOR AR

ALSO AN ATTACHMENT

SMCS-1000

i01870101

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	212-4457	1	AIR CLEANER GP						148
Y	217-8190	1	BRACKET GP-SUPPORT						14
Y	210-6423	1	DRAIN GP-FUMES DISPOSAL						68
Y	212-1384	1	ENGINE AR						1
Y	210-6583	1	FILTER GP-ENGINE OIL						70
Y	210-6517	1	FILTER GP-FUEL						173
Y	210-6525	1	FILTER GP-FUEL						175
Y	210-6521	1	HEAT EXCHANGER GP-SEA WATER						90
Y	210-6420	1	LIFTING GP-ENGINE						45
Y	218-0461	1	LINES GP-AIR						159
Y	198-4194	1	LINES GP-WATER						91
Y	210-6523	1	LINES GP-WATER						92
Y	210-6524	1	LINES GP-WATER						93
Y	210-6425	1	MANIFOLD GP-EXHAUST						161
Y	220-5612	1	MOUNTING GP						251
Y	210-6435	1	MOUNTING GP-ENGINE						49
			S/N: GSN1-121						
Y	227-9885	1	MOUNTING GP-ENGINE						51
			S/N: GSN122-UP						
Y	210-6586	1	MOUNTING GP-ENGINE						50
Y	210-6557	1	PUMP GP-AUXILIARY WATER						131
Y	210-6519	1	PUMP GP-SUMP						74
			S/N: GSN1-121						
Y	227-9887	1	PUMP GP-SUMP						78
			S/N: GSN122-UP						
Y	210-6503	1	TANK GP-EXPANSION						139
Y	210-6419	1	TURBOCHARGER GP						165

Y-SEPARATE ILLUSTRATION



# ENGINE ARRANGEMENT

## 213-5074 ENGINE AR-COMPLETE

S/N: GSN1-UP

KEEL COOLED

PART OF 223-3301, 223-3303 ENGINE AR, 214-4564 GENERATOR AR

ALSO AN ATTACHMENT

SMCS-1000

i01870104

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	212-4457	1	AIR CLEANER GP						148
Y	217-8190	1	BRACKET GP-SUPPORT						14
Y	216-9033	1	COVER GP-FRONT HOUSING						20
Y	210-6423	1	DRAIN GP-FUMES DISPOSAL						68
Y	212-1384	1	ENGINE AR						1
Y	210-6583	1	FILTER GP-ENGINE OIL						70
Y	210-6517	1	FILTER GP-FUEL						173
Y	210-6525	1	FILTER GP-FUEL						175
Y	210-6420	1	LIFTING GP-ENGINE						45
Y	218-0461	1	LINES GP-AIR						159
Y	198-4194	1	LINES GP-WATER						91
Y	214-2408	1	LINES GP-WATER						95
Y	210-6425	1	MANIFOLD GP-EXHAUST						161
Y	220-5612	1	MOUNTING GP						251
Y	210-6435	1	MOUNTING GP-ENGINE						49
			S/N: GSN1-121						
Y	227-9885	1	MOUNTING GP-ENGINE						51
			S/N: GSN122-UP						
Y	210-6586	1	MOUNTING GP-ENGINE						50
Y	210-6519	1	PUMP GP-SUMP						74
			S/N: GSN1-121						
Y	227-9887	1	PUMP GP-SUMP						78
			S/N: GSN122-UP						
Y	210-6503	1	TANK GP-EXPANSION						139
Y	210-6419	1	TURBOCHARGER GP						165

Y-SEPARATE ILLUSTRATION



# ENGINE ARRANGEMENT

## 230-7106 ENGINE AR-COMPLETE

S/N: GSN131-UP

PART OF 223-3299, 223-3301, 223-3302, 223-3303 ENGINE AR, 232-4480 GENERATOR AR  
AN ATTACHMENT AND FIELD INSTALLATION

SMCS-1000

i01997805

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	212-4457	1	AIR CLEANER GP						148
Y	210-6423	1	DRAIN GP-FUMES DISPOSAL						68
Y	230-9631	1	ENGINE AR						6
Y	210-6583	1	FILTER GP-ENGINE OIL						70
Y	210-6420	1	LIFTING GP-ENGINE						45
Y	218-0461	1	LINES GP-AIR						159
Y	198-4194	1	LINES GP-WATER						91
Y	229-3475	1	MANIFOLD GP-EXHAUST						164
Y	220-5612	1	MOUNTING GP						251
Y	227-9885	1	MOUNTING GP-ENGINE						51
Y	210-6419	1	TURBOCHARGER GP						165

Y-SEPARATE ILLUSTRATION



# ENGINE ARRANGEMENT

## 214-5961 ENGINE AR-CORE

S/N: GSN1-UP  
ALSO AN ATTACHMENT

SMCS - 1000

i01647686

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	214-5952	1	CAMSHAFT GP						15
Y	214-5909	1	CRANKSHAFT GP						23
Y	214-5897	1	CYLINDER BLOCK GP						26
Y	214-5934	1	CYLINDER HEAD GP						28
Y	214-5949	1	HOUSING GP-FRONT						42
Y	214-5929	1	PISTON & ROD GP						59
Y	214-5956	1	PUMP GP-ENGINE OIL						71
Y	214-5936	1	VALVE MECHANISM GP						66

Y - SEPARATE ILLUSTRATION



# BASIC ENGINE

## 238-4828 ADAPTER GP-POWER TAKE-OFF

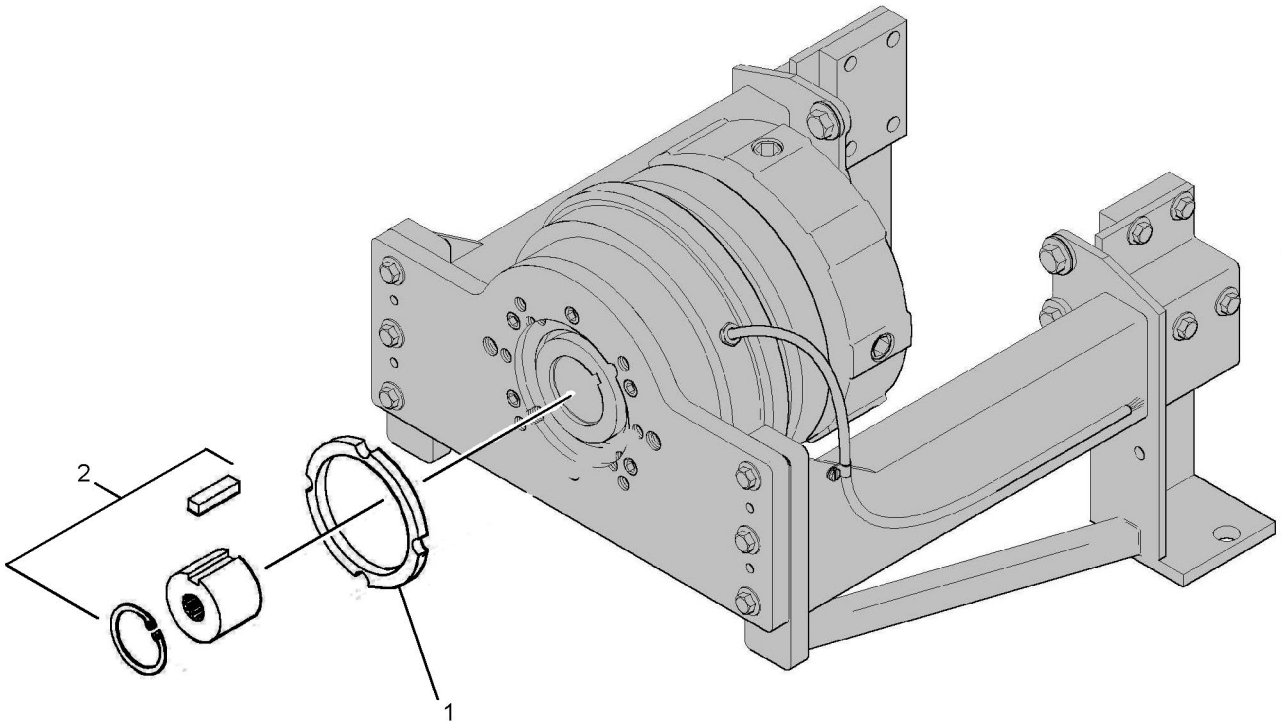
S/N: SNX1-UP

AN ATTACHMENT

SMCS-1165

i01971338

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	237-3551	1	ADAPTER (RING POWER TAKE-OFF)						
	2	1	237-3552	1	ADAPTER (DRIVE POWER TAKE-OFF)						



GRAPHIC #1

<END>

g01028400





# BASIC ENGINE

## 238-5068 ADAPTER-POWER TAKE-OFF

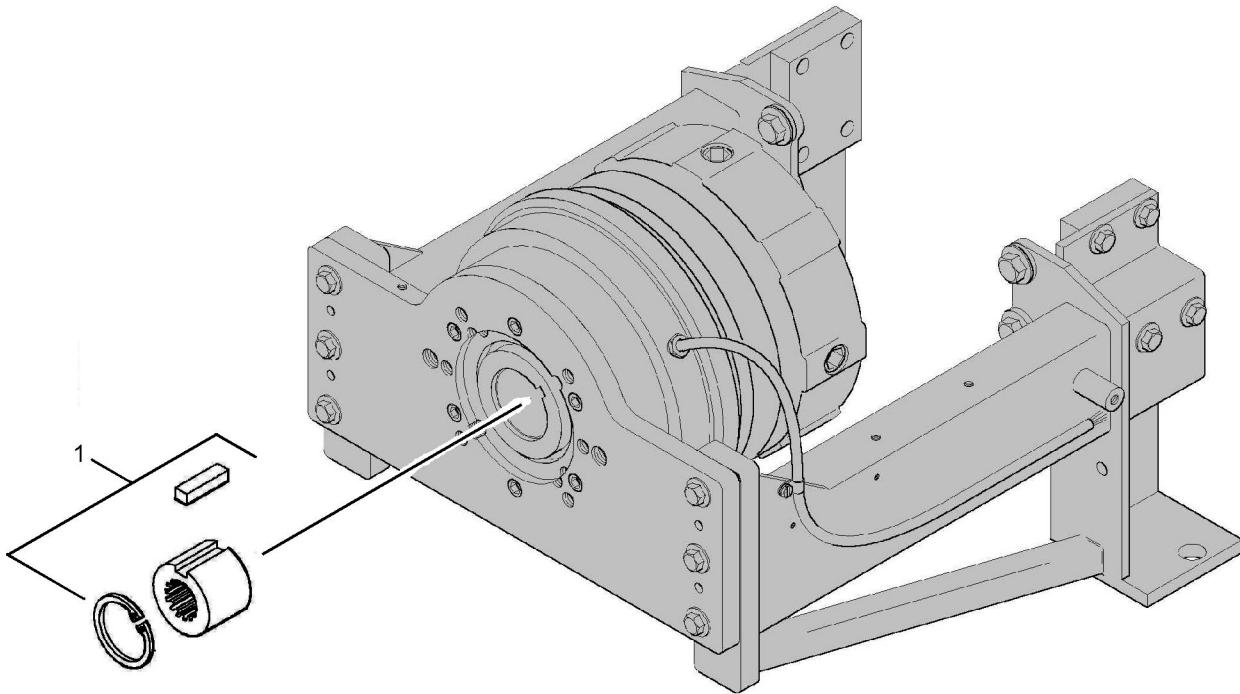
S/N: SNX1-UP

AN ATTACHMENT

SMCS-1165

i01971317

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	237-3559	1	ADAPTER						



GRAPHIC #1

<END>

g01028574



# BASIC ENGINE

## 198-4109 BARRING GP

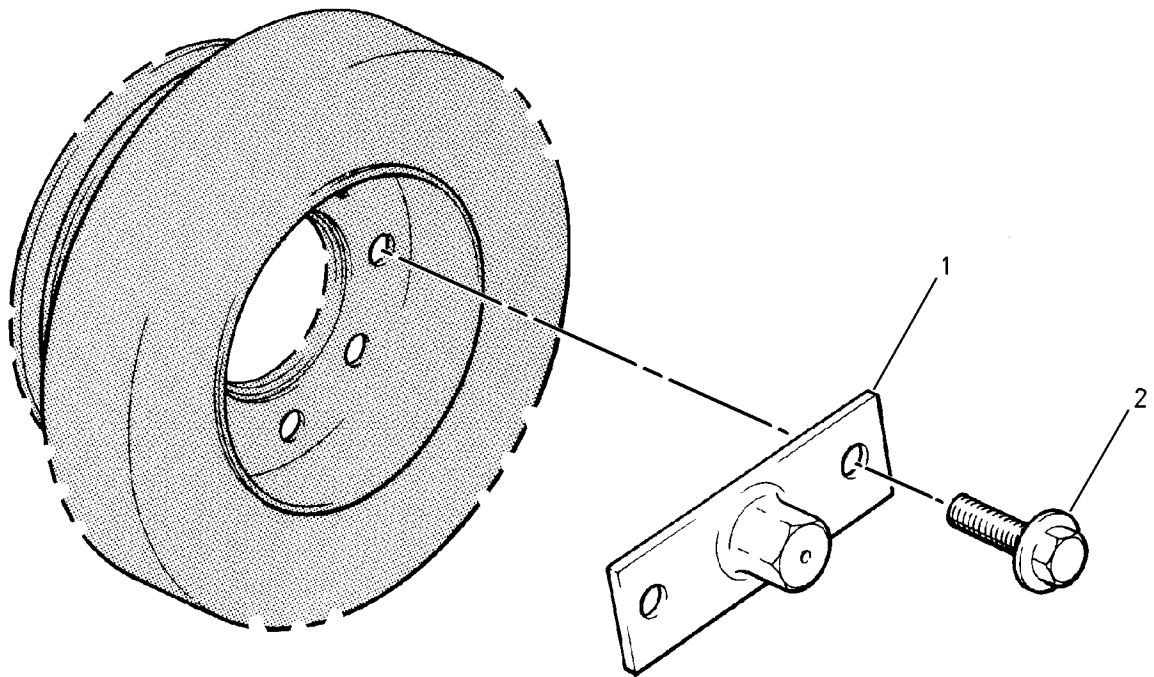
S/N: SNX1-UP

ENGINE TURNING AND DAMPER TORQUE, NO PTO SHAFT  
PART OF 223-3299, 223-3301, 223-3302, 223-3303 ENGINE AR  
AN ATTACHMENT

SMCS-1235

i01624253

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	195-4676	1	ADAPTER AS						
	2	1	6I-0423	2	BOLT (M12X1.75X30MM)						



GRAPHIC #1

<END>

g00747957



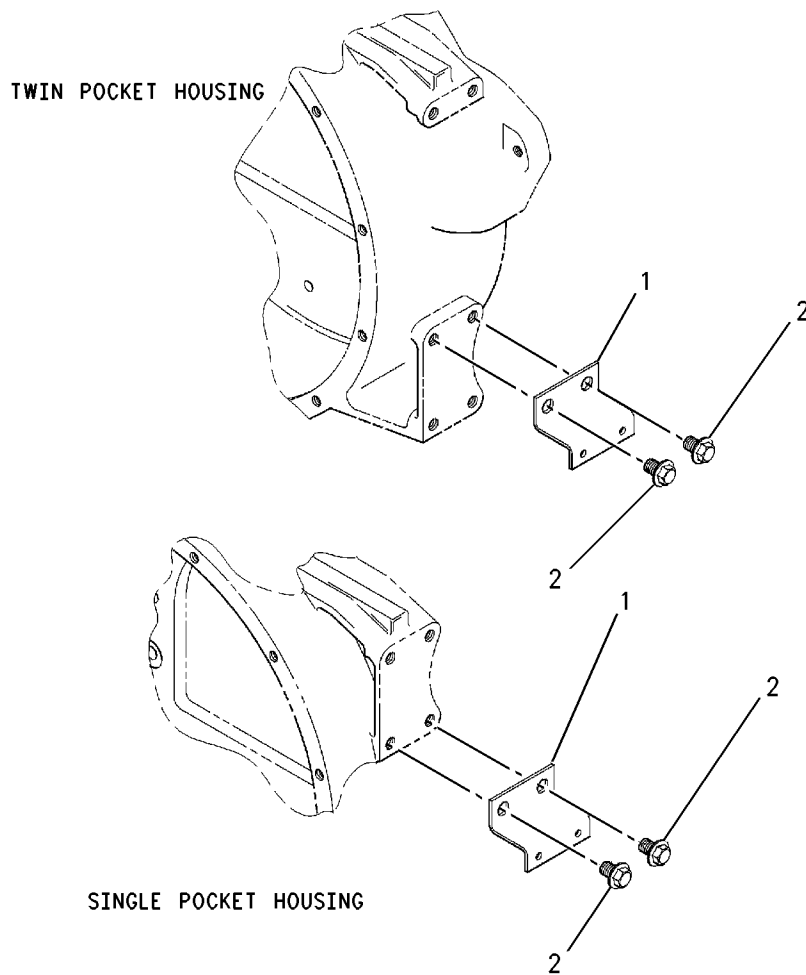
# BASIC ENGINE

## 217-8190 BRACKET GP-SUPPORT ALSO AN ATTACHMENT

SMCS-1000, 1151

i01668017

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	217-8188	1	BRACKET						
	2	1	210-6964	2	BOLT-FLANGED (M12X16MM)						



GRAPHIC #1

<END>

g00862094



# BASIC ENGINE

## 214-5952 CAMSHAFT GP

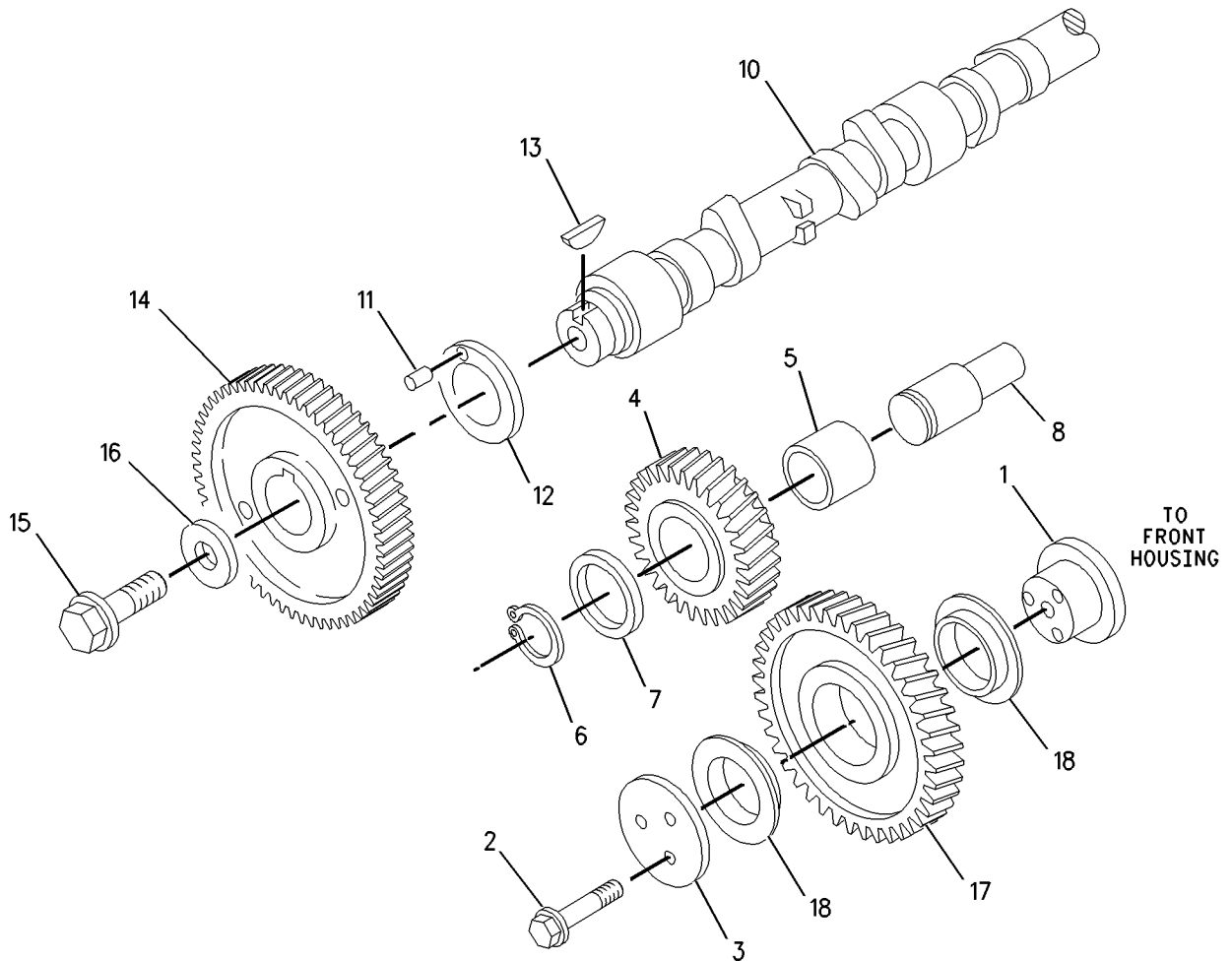
S/N: GSN1-UP

ALSO AN ATTACHMENT

SMCS-1210

i01648431

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	067-6897	1	HUB-IDLER GEAR						
	2	1	6I-0789	3	BOLT (M10X1.5X60MM)						
	3	1	067-6900	1	PLATE-RETAINING						
	4	1	6I-4350	1	GEAR AS (27 TEETH)						
	5	1	067-6927	1	BUSHING-TERMINAL						
	6	1	067-6928	1	CLIP						
	7	1	6I-0256	1	WASHER						
	8	1	127-3294	1	SHAFT						
	10	1	128-0990	1	CAMSHAFT						
	11	1	067-6179	1	DOWEL						
	12	1	067-6178	1	WASHER						
	13	1	1B-8736	1	KEY-WOODRUFF						
	14	1	9Y-2633	1	GEAR-CAMSHAFT (56 TEETH)						
	15	1	7C-4616	1	BOLT (M12X1.75X45MM)						
	16	1	133-1011	1	WASHER						
	17	1	2W-1529	1	GEAR AS-IDLER (63 TEETH)						
	18	1	067-6899	2	BUSHING-IDLER GEAR						



GRAPHIC #1

<END>

g00857763



# BASIC ENGINE

## 239-2192 CLUTCH GP

S/N: SNX1-UP

AN ATTACHMENT

SMCS-1007

i01971767

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	237-9548	1	PLATE						
	2	1	238-1767	1	MOUNT						
	3	1	238-1768	1	MOUNT						
	4	1	186-0236	4	BOLT						
	5	1	237-9543	2	PIN						
M	6	1	096-9986	2	BOLT (M12X1.75X55MM)						
	7	1	102-2078	6	BOLT (M10X1.5X25MM)						
	8	1	6I-0233	2	NUT (M12)						
	9	1	237-9102	4	BOLT						
	10	1	199-1194	8	WASHER						
	11	1	238-1769	4	BOLT						
	14	1	237-9624	1	CLUTCH AS						
		1	237-9625	1	CLUTCH						
	15	1	237-9583	1	COUPLING						
	16	1	237-9181	1	ADAPTER						
	17	1	237-9192	1	CLIP						
	18	1	237-9546	2	SHIM						
	19	1	237-9188	1	KEY						
	21	1	205-8712	1	CLIP						
	22	1	196-0384	1	TIE-CABLE						
	24	1	195-4649	8	BOLT (M12X45MM)						
	25	1	194-7219	8	LOCKWASHER						
	26	1	196-0348	8	WASHER (M12 FLAT)						
	27	1	210-7758	1	V-BELT (CLUTCH)						
	28	1	101-0638	2	CABLE TIE						
F			196-7708	1	LOCKNUT						

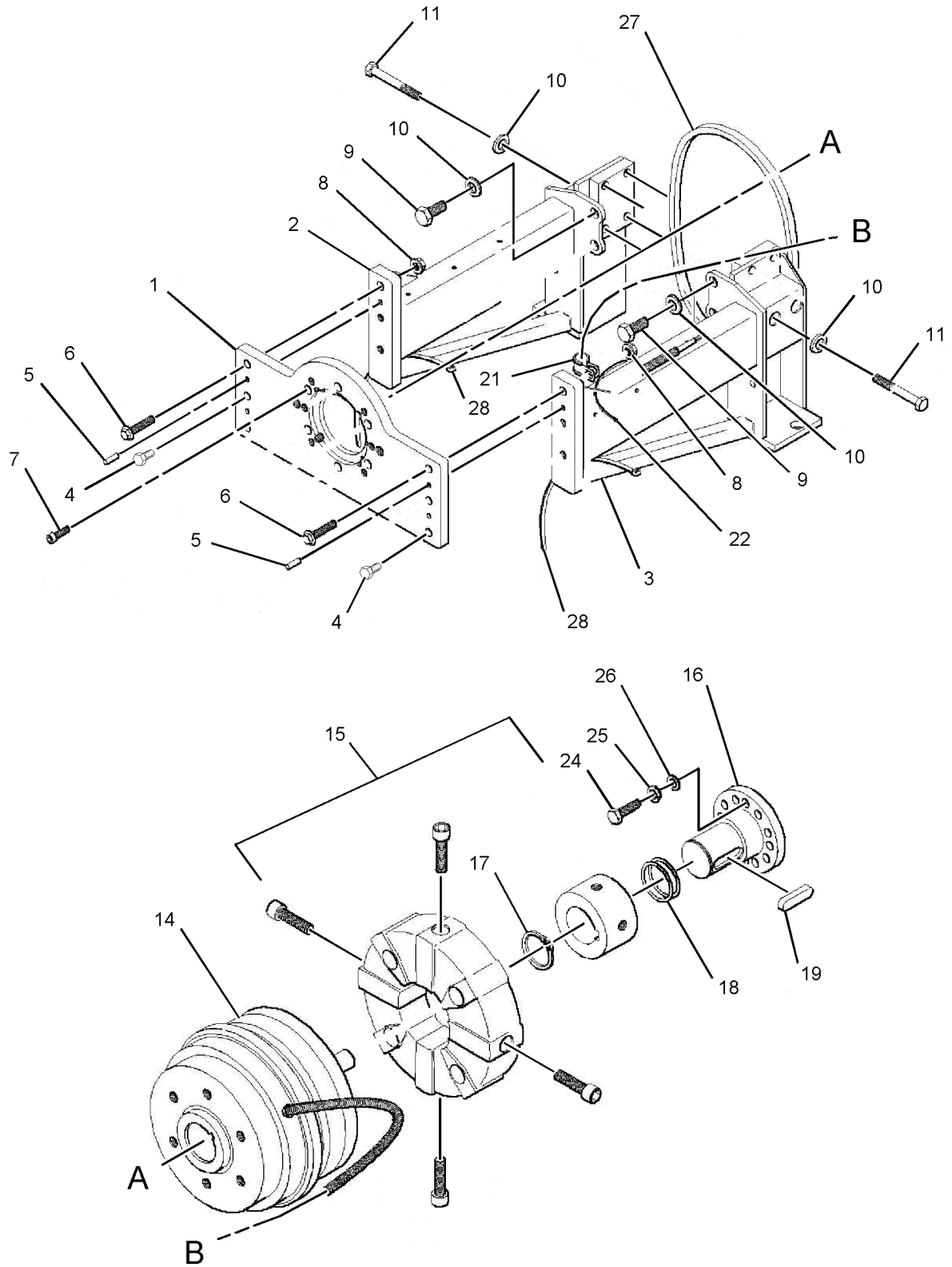
F - NOT SHOWN  
M - METRIC PART



# BASIC ENGINE

239 - 2192 CLUTCH GP (contd.)

i01971767



GRAPHIC #1

<END>

g01027681



# BASIC ENGINE

## 213-3877 COUPLING GP-GENERATOR

S/N: SNX1-UP

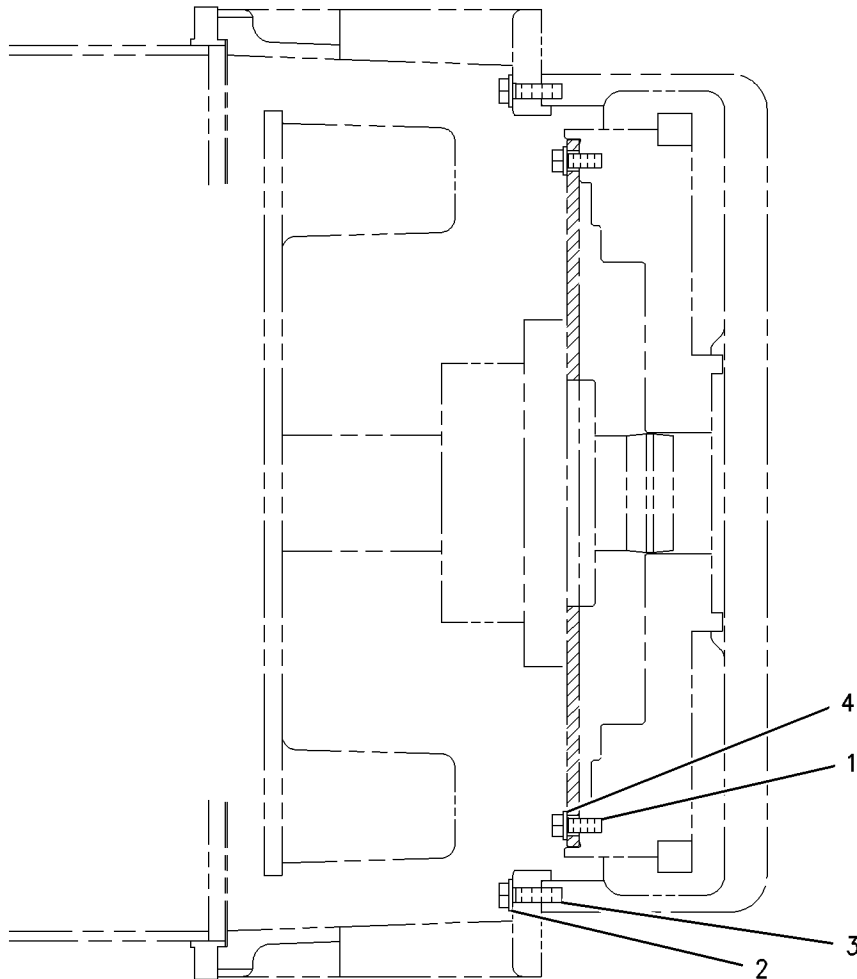
AN ATTACHMENT

SMCS-4456

i01642215

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7X-0467	8	BOLT (3/8-24X1 IN THD)						
	2	1	8T-4121	12	WASHER-HARD (11X21X2.5MM THK)						
M	3	1	8T-4196	12	BOLT (M10X1.5X35MM)						
	4	1	8T-4896	8	WASHER-HARD (10.2X18.5X2.5MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g00854151



# BASIC ENGINE

## 213-0144 COVER GP-ACCESS

S/N: SNX1-UP

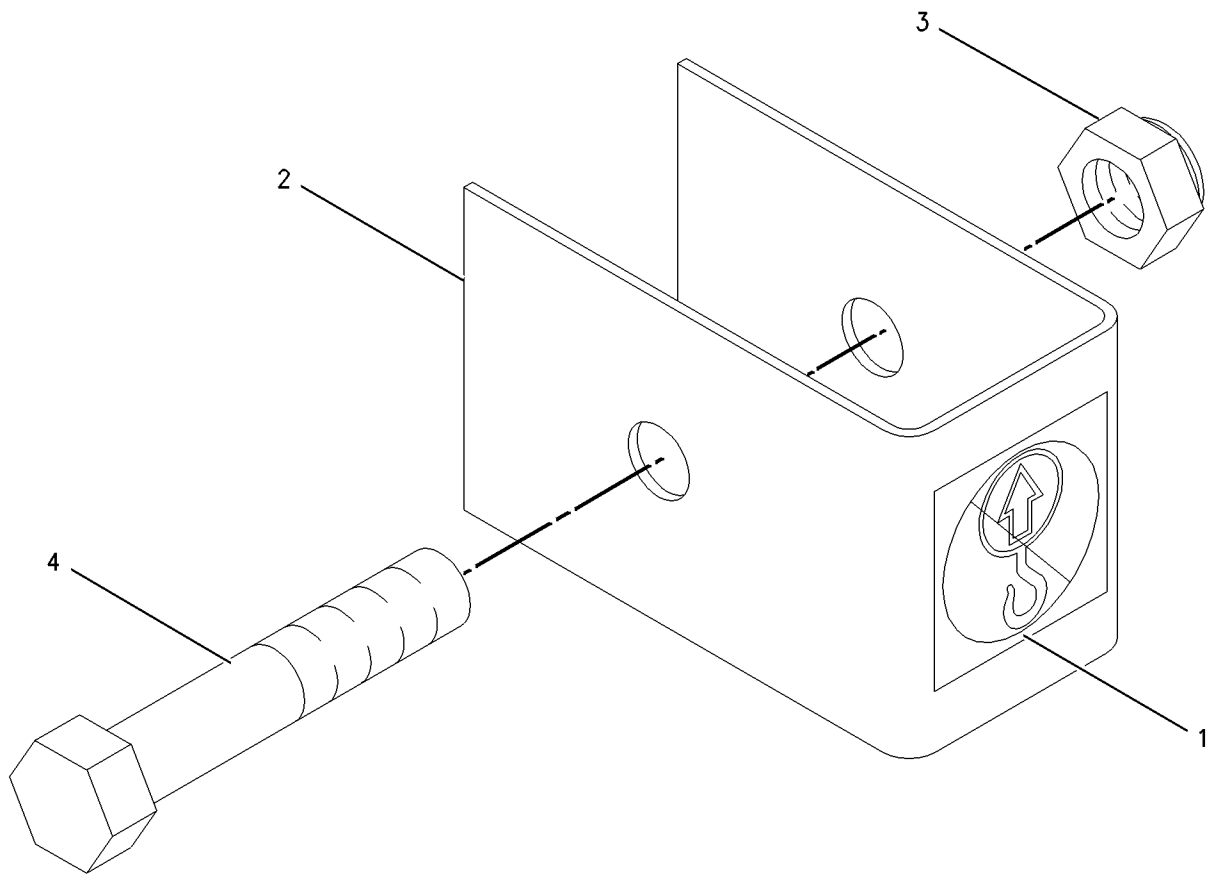
AN ATTACHMENT

SMCS-726A

i01642191

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3N-8591	1	FILM-INFORMATION (DO NOT LIFT PICTOGRAPH)						
	2	1	213-0982	1	COVER						
M	3	1	8T-0389	1	LOCKNUT (M10X1.5 THD)						
M	4	1	8T-6466	1	BOLT (M10X1.50X60MM)						

M-METRIC PART



GRAPHIC #1

<END>

g00853034





# BASIC ENGINE

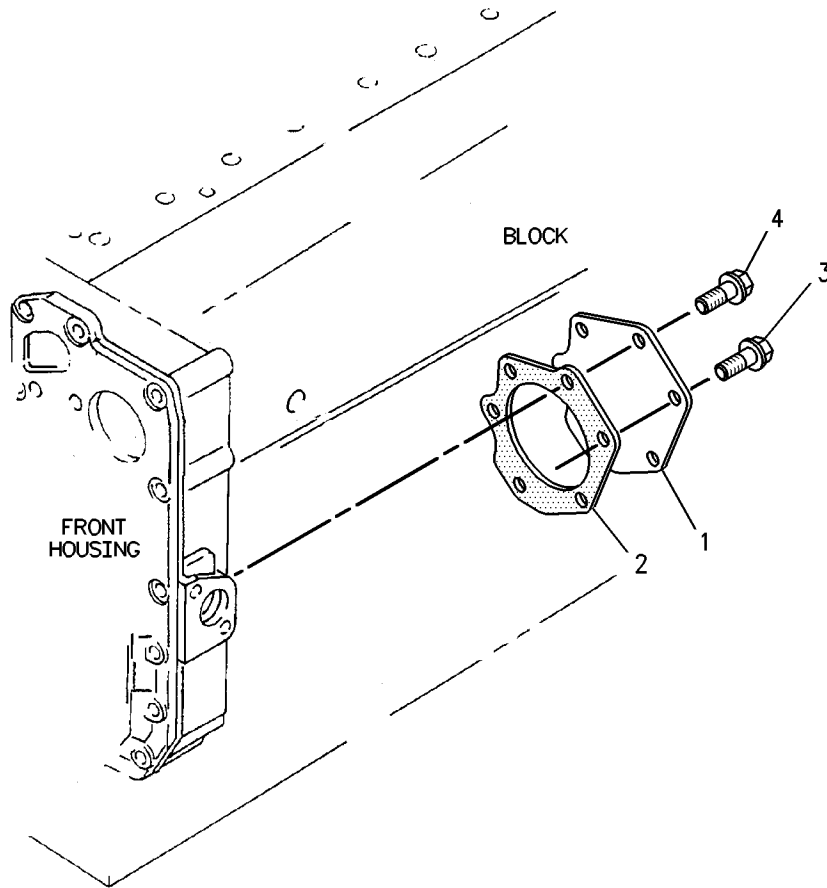
## 216-9033 COVER GP-FRONT HOUSING

ALSO AN ATTACHMENT

SMCS-1151, 1166

i01648642

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	209-5502	1	COVER AS (TIMING GEAR)						
	2	1	209-5503	1	SEAL-COVER						
	3	1	6I-4072	5	BOLT (M8X1.25X14MM)						
	4	1	100-4830	1	BOLT (M10X1.5X20MM)						



GRAPHIC #1

<END>

g00855958



# BASIC ENGINE

## 214-5996 COVER GP - VALVE MECHANISM

S/N: GSN1-UP  
ALSO AN ATTACHMENT

SMCS-1107

i01998325

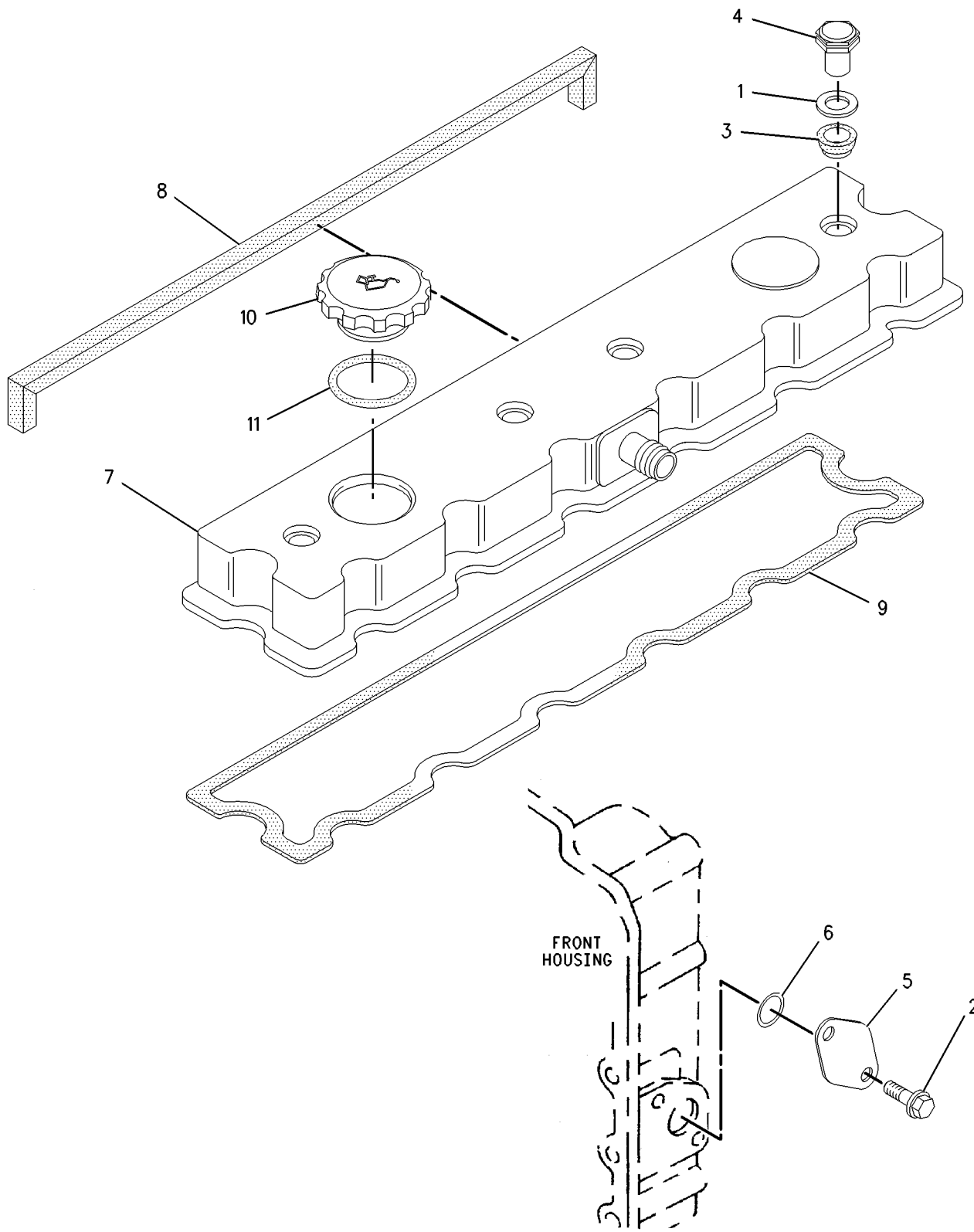
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	<b>4B-4281</b>	4	WASHER (16.8X33X2.5MM THK)						
	2	1	<b>6I-0217</b>	2	BOLT (M8X1.25X20MM)						
	3	1	<b>101-3675</b>	4	SEAL						
	4	1	<b>177-2939</b>	4	NUT-RETAINING						
	5	1	<b>197-5015</b>	1	PLATE AS						
	6	1	<b>113-1505</b>	1	SEAL-O-RING						
	7	1	<b>214-5995</b>	1	COVER AS-VALVE						
	8	1	<b>126-2237</b>	1	SEAL						
	9	1	<b>126-2238</b>	1	GASKET (VALVE COVER)						
	10	1	<b>136-3608</b>	1	CAP AS (OIL FILLER) (ENGINE)						
	11	1	<b>124-0506</b>	1	SEAL						



# BASIC ENGINE

214-5996 COVER GP-VALVE MECHANISM (contd.)

i01998325



GRAPHIC #1

<END>

g00878331



# BASIC ENGINE

## 214-5909 CRANKSHAFT GP

S/N: GSN1-UP

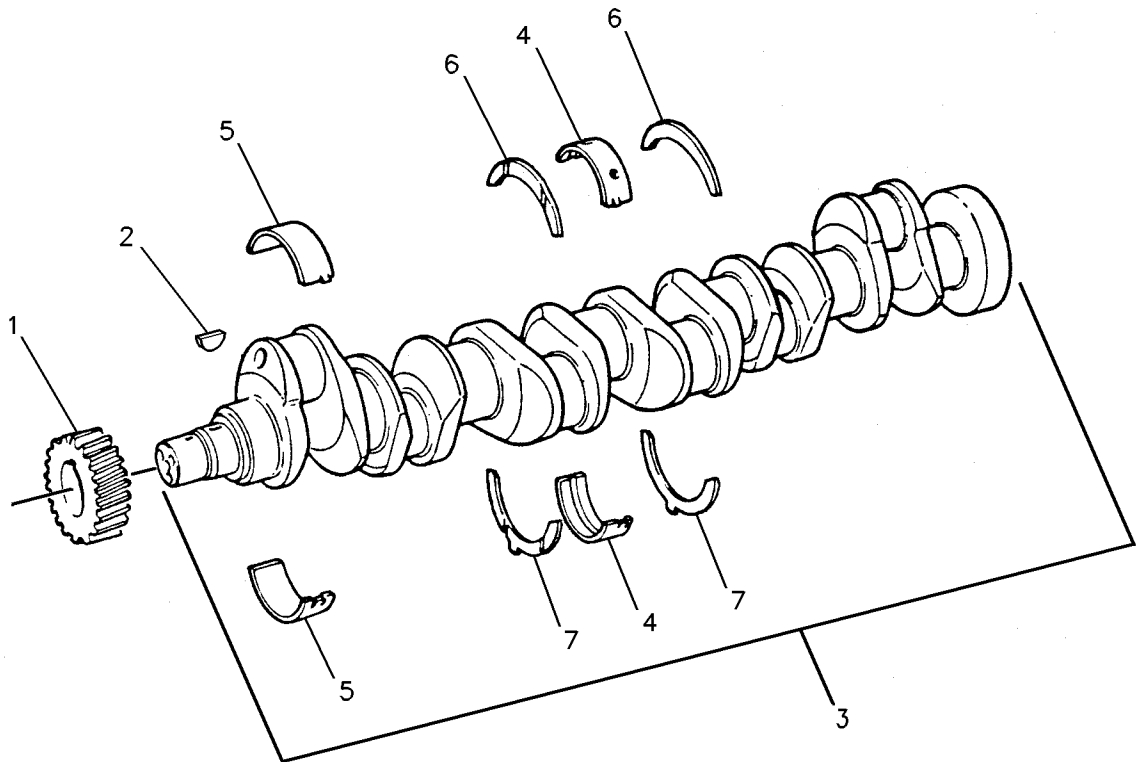
ALSO AN ATTACHMENT

SMCS-1202

i01648373

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-0223	1	GEAR-CRANKSHAFT (28 TEETH)						
	2	1	1B-8736	1	KEY-WOODRUFF						
	3	1	193-0159	1	CRANKSHAFT GP						
B	4	1	7W-4589	1	BEARING SET-MAIN (.18MM O.S.) (STANDARD)						
B		1	7W-4590	1	SET-BEARING (0.25 US ID)						
B		1	7W-4591	1	SET-BEARING (0.51 US ID)						
B		1	7W-4592	1	SET-BEARING (0.76 US ID)						
B	5	1	7W-4816	1	BEARING SET-ROD (STANDARD)						
B		1	7W-4817	1	SET-BEARING (0.25 US ID)						
B		1	7W-4818	1	SET-BEARING (0.51 US ID)						
B		1	7W-4819	1	SET-BEARING (0.76 US ID)						
B	6	1	032-9090	2	WASHER-THRUST (STANDARD-UPPER)						
B		1	067-6873	2	WASHER-THRUST (.18MM OS) (UPPER)						
B	7	1	032-9091	2	WASHER-THRUST (STANDARD-LOWER)						
B		1	067-6874	2	WASHER-THRUST (.18MM OS) (LOWER)						

B-USE AS REQUIRED



GRAPHIC #1

<END>

g00737126



# BASIC ENGINE

## 209-5565 CYLINDER BLOCK GP

S/N: GSN1-UP

PART OF 214-5897 CYLINDER BLOCK GP  
ALSO AN ATTACHMENT

SMCS-1201

i01780724

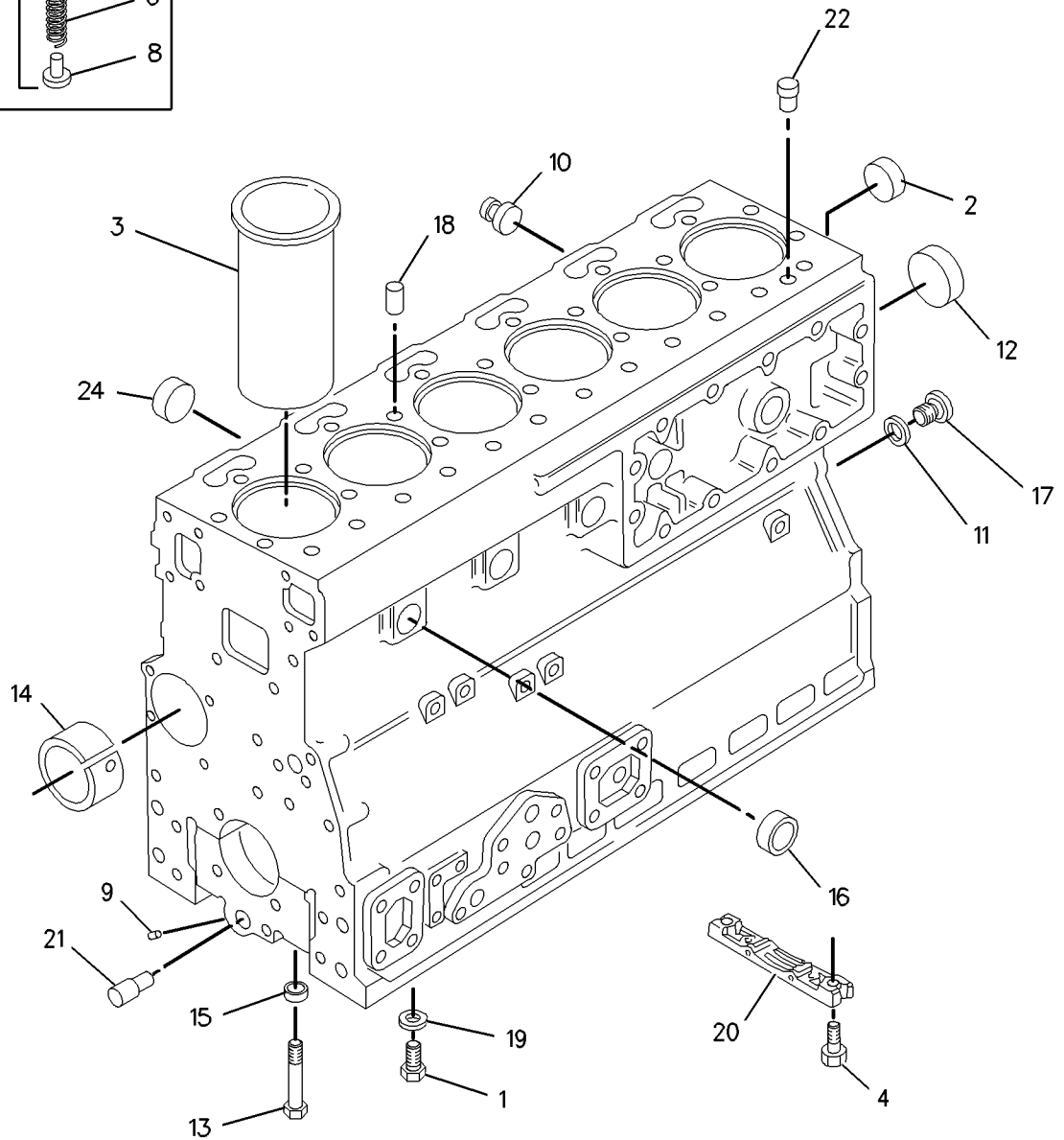
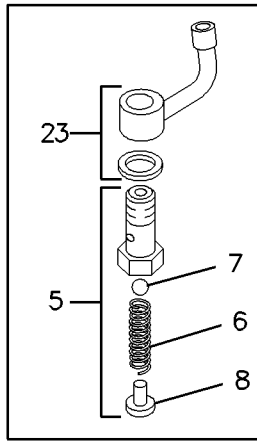
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
1	1	1	0L-1138	6	BOLT (3/8-24X.5IN)						
2	1	1	1N-3762	1	PLUG-CUP						
3	1	1	6I-0164	6	LINER						
4	1	1	6I-0363	2	BOLT (M6X1.0X20MM)						
5	1	1	6I-1074	6	VALVE AS (OIL JET) (EACH INCLUDES)						
6	1	1	6I-0686	1	SPRING						
7	1	1	6I-1075	1	BALL						
8	1	1	6I-1076	1	RETAINER						
9	1	1	6I-4354	1	DOWEL						
10	1	1	7W-2501	1	PLUG						
11	1	1	214-1668	1	WASHER-SPECIAL						
12	1	1	9Y-5015	1	PLUG-FREEZE						
13	1	1	035-8068	14	BOLT						
14	1	1	036-5802	1	BEARING						
15	1	1	067-6002	14	DOWEL						
16	1	1	067-6043	3	PLUG-SIDE						
17	1	1	067-6805	1	PLUG						
18	1	1	067-6808	1	PLUG						
19	1	1	067-9520	6	SPACER						
20	1	1	211-0067	1	BRIDGE						
21	1	1	127-3294	1	SHAFT						
22	1	1	147-1978	2	DOWEL						
23	1	1	148-3026	6	JET AS-PISTON COOLING						
24	1	1	215-2103	6	PLUG						



# BASIC ENGINE

209-5565 CYLINDER BLOCK GP (contd.)

i01780724



GRAPHIC #1

<END>

g00859873



# BASIC ENGINE

## 214-5897 CYLINDER BLOCK GP

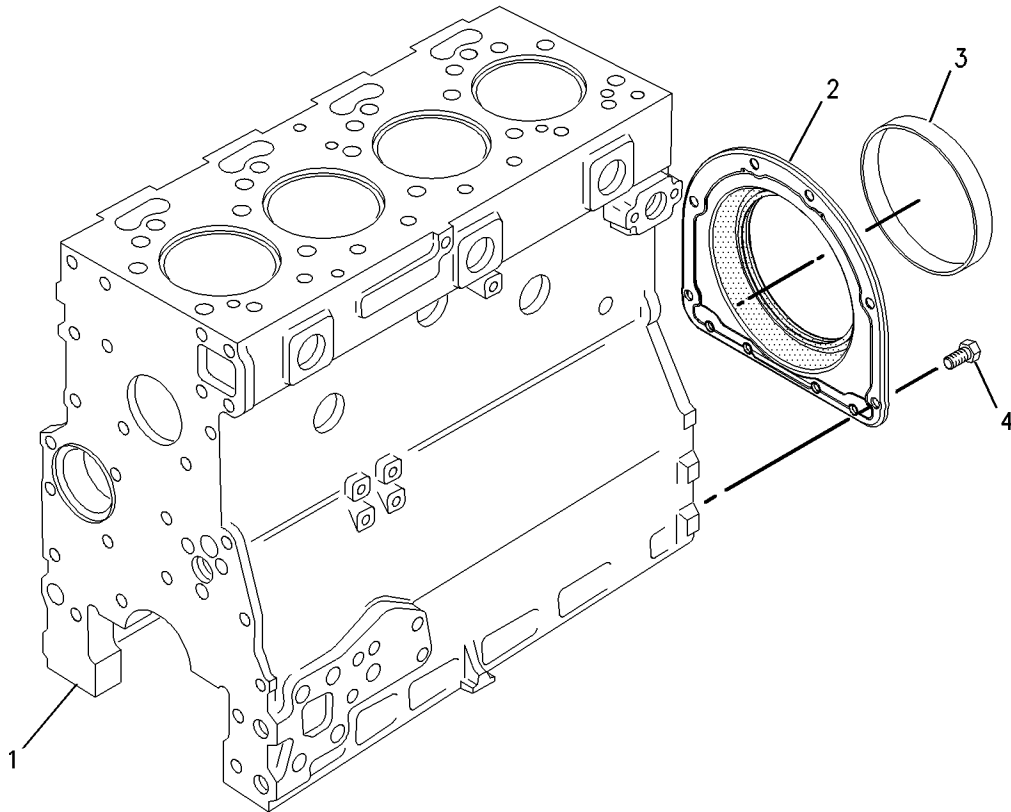
S/N: GSN1-UP  
ALSO AN ATTACHMENT

SMCS-1201

i01648369

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	209-5565	1	CYLINDER BLOCK GP						24
	2	1	209-9218	1	HOUSING AS						
	3	1	209-8228	1	SLEEVE						
	4	1	209-9219	10	BOLT (M8X1.25X16MM)						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00858247



# BASIC ENGINE

## 161-9819 CYLINDER HEAD GP

S/N: GSN1-UP

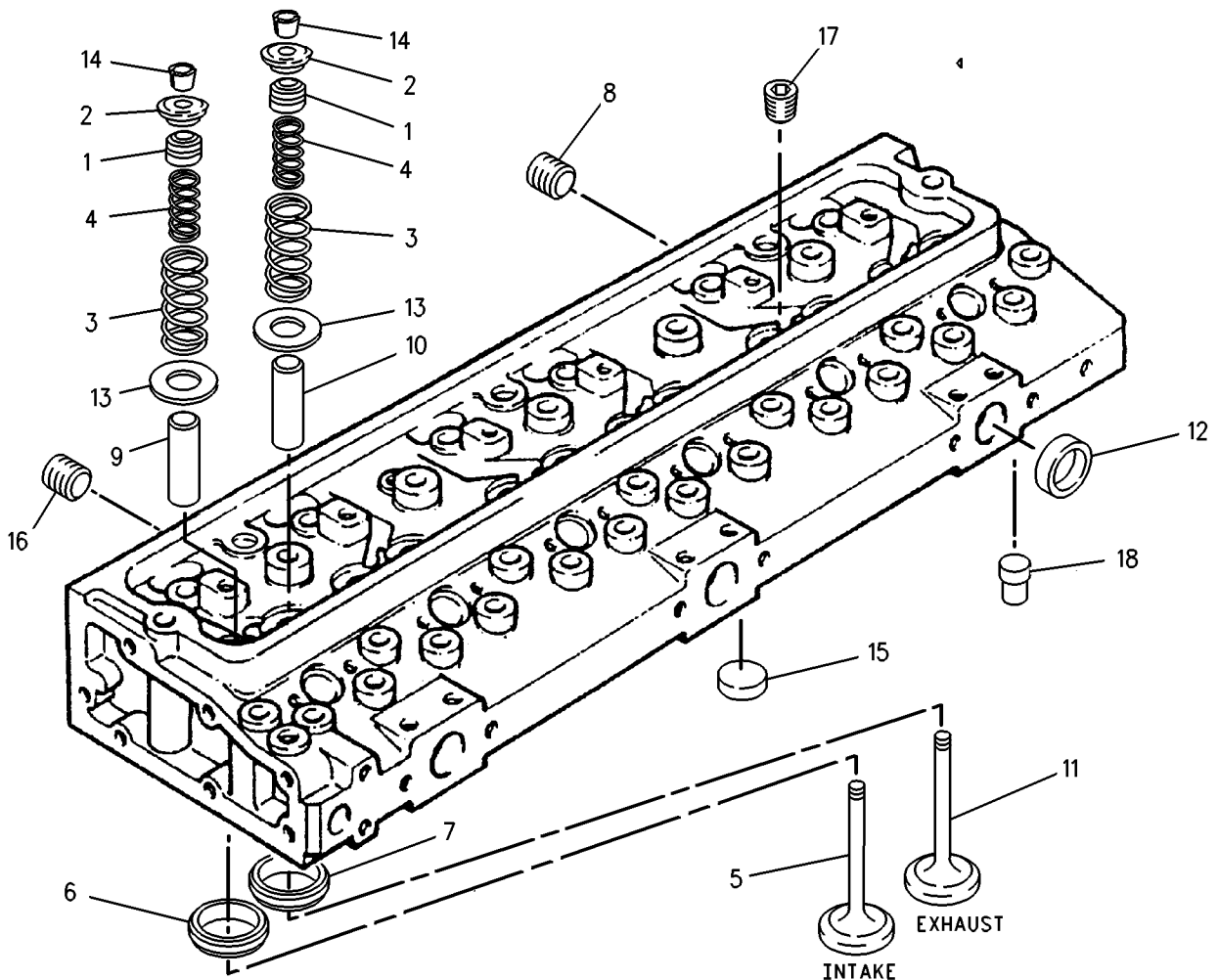
PART OF 214-5934 CYLINDER HEAD GP

ALSO AN ATTACHMENT

SMCS-1100

i01746898

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	1W-5849	12	SEAL-VALVE						
	2	1	6I-0281	12	CAP-VALVE SPRING						
	3	1	6I-0283	12	SPRING						
	4	1	6I-0284	12	SPRING						
	5	1	100-4626	6	VALVE-INLET						
	6	1	109-3427	6	INSERT-VALVE SEAT (INLET)						
	7	1	109-3428	6	INSERT-EXHAUST VALVE						
	8	1	127-5079	1	PLUG						
	9	1	160-5436	6	GUIDE-VALVE (INLET)						
	10	1	160-5438	6	GUIDE-VALVE (EXHAUST)						
	11	1	7W-4602	6	VALVE-EXHAUST						
	12	1	067-6043	3	PLUG-SIDE						
	13	1	067-6054	12	WASHER						
	14	1	067-6834	24	COTTER-CAP						
	15	1	6I-4682	6	PLUG						
	16	1	215-4597	6	PLUG						
	17	1	7M-7410	6	PLUG (3/8-18 NPTF)						
	18	1	147-1978	3	DOWEL						



GRAPHIC #1

<END>

g00895777





# BASIC ENGINE

## 214-5934 CYLINDER HEAD GP

S/N: GSN1-UP

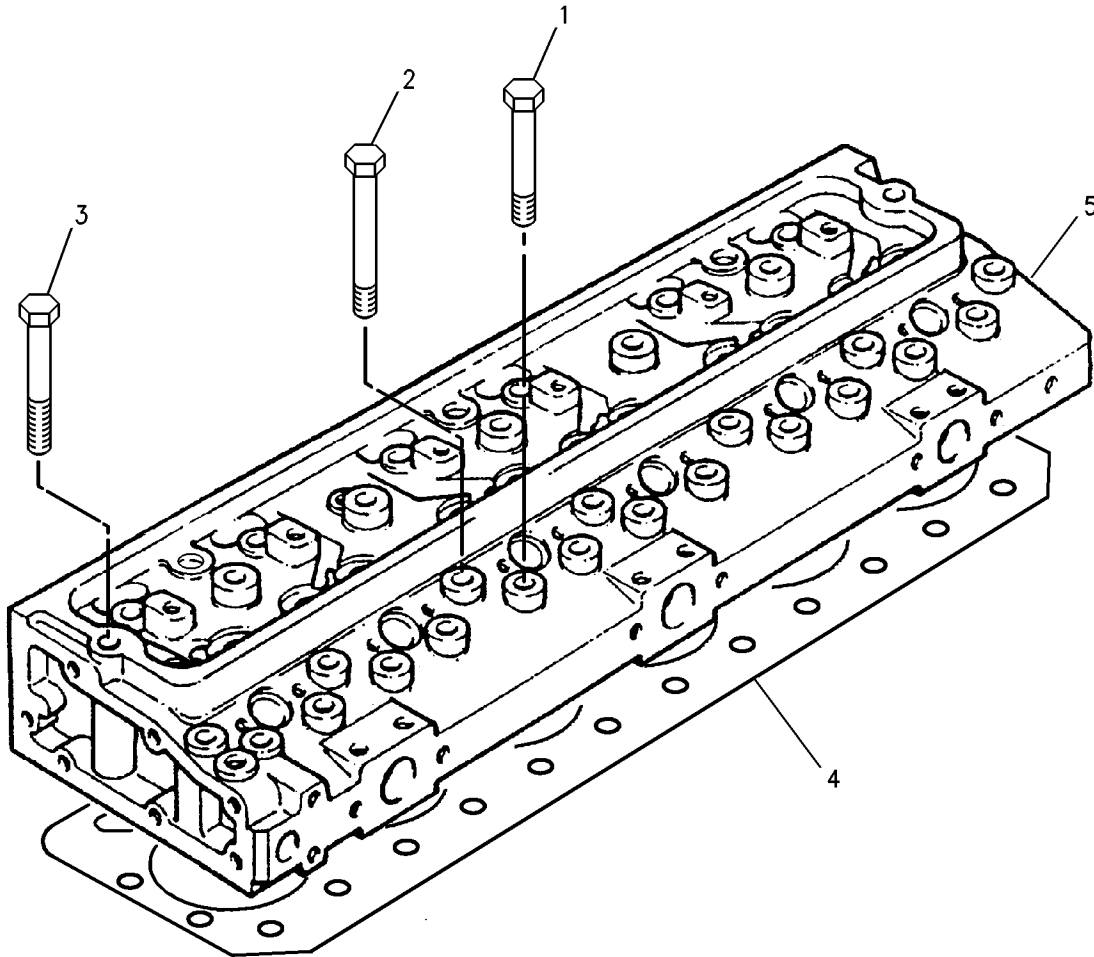
ALSO AN ATTACHMENT

SMCS-1100

i01648383

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7W-2518	12	BOLT (1/2-20X3.63IN)						
	2	1	7W-2519	18	BOLT (1/2-20X4.25IN)						
	3	1	7W-2520	2	BOLT (1/2-20X5.09IN)						
	4	1	156-4173	1	GASKET-CYLINDER HEAD						
Y	5	1	161-9819	1	CYLINDER HEAD GP						27

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00718808



# BASIC ENGINE

## 171-1090 FASTENER GP-ALTERNATOR

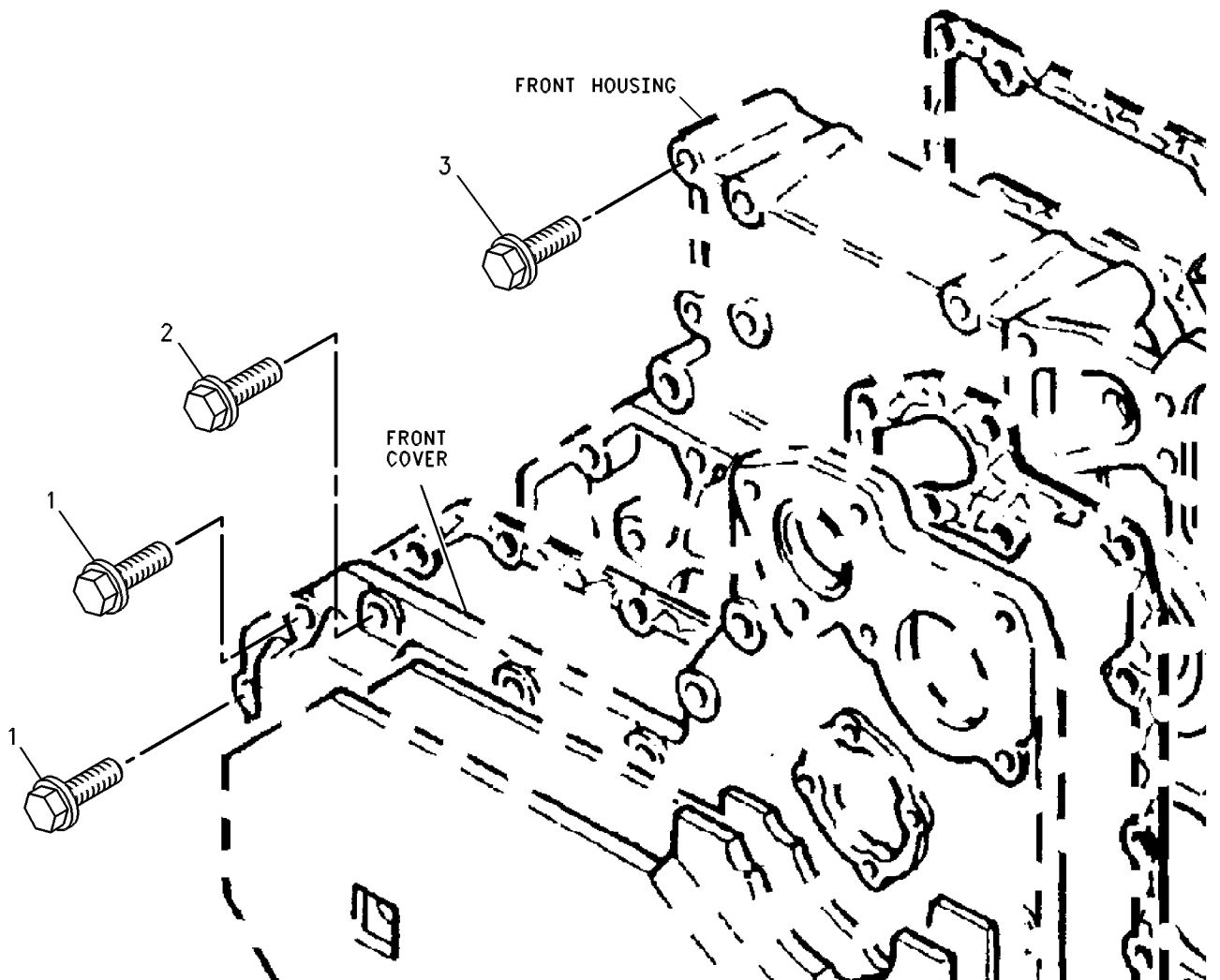
S/N: GSN1-UP

ALSO AN ATTACHMENT

SMCS-1151, 1405

i01647677

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-0254	2	BOLT (M8X1.25X30MM)						
	2	1	6I-0839	1	BOLT (M8X1.25X70MM)						
	3	1	6I-4374	2	BOLT						



GRAPHIC #1

<END>

g00612614



# BASIC ENGINE

## 210-6424 GUARD GP-BELT

ALSO AN ATTACHMENT

SMCS-7174

i01625259

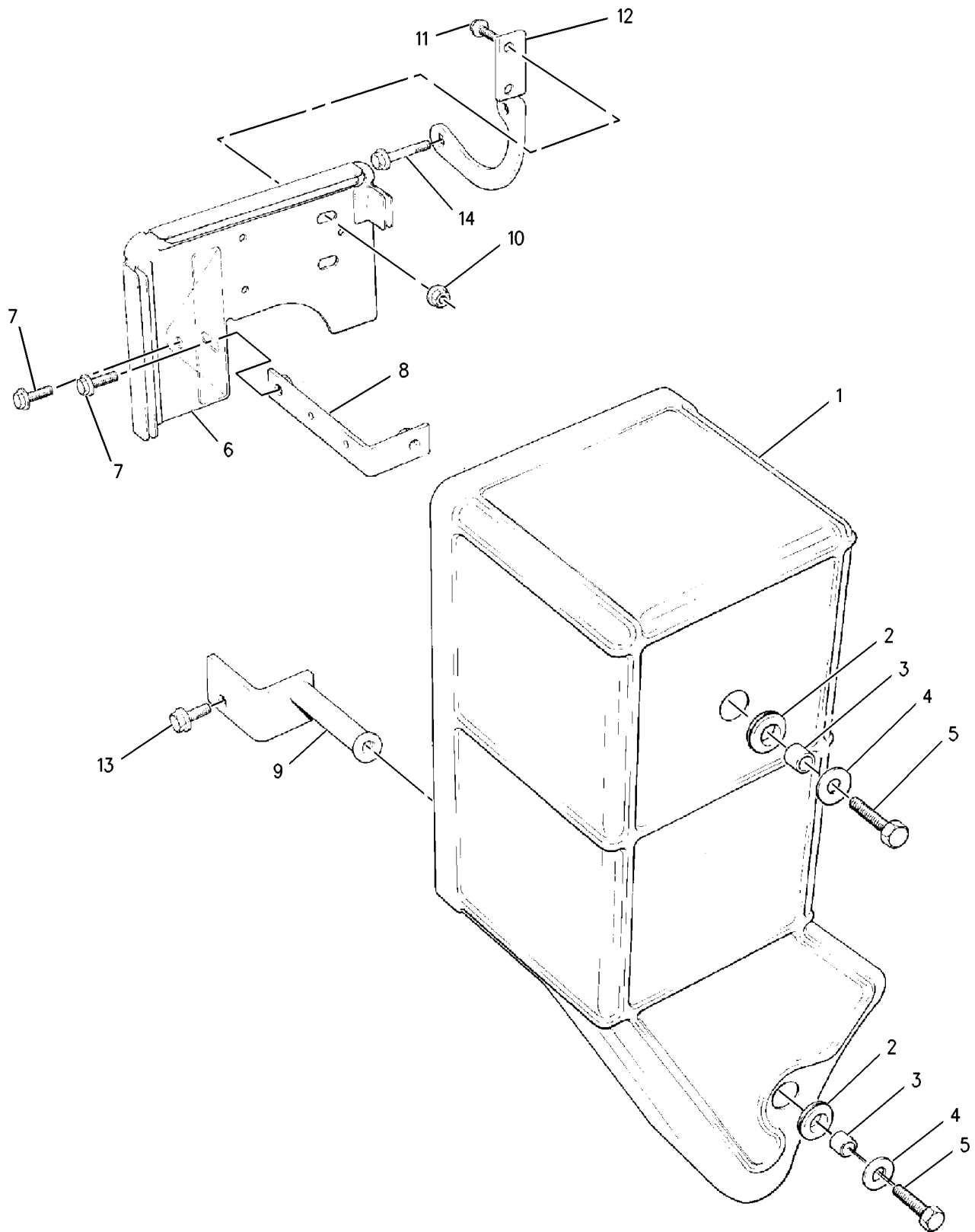
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	195-4668	1	COVER						
	2	1	196-0270	2	GROMMET						
	3	1	196-0271	2	SPACER (8.5X14.3X8MM)						
	4	1	196-0272	2	WASHER (8.3X25.4X1.5MM)						
	5	1	196-0340	2	SETSCREW (M8X25)						
	6	1	210-6643	1	BRACKET AS (BACK PLATE)						
	7	1	124-3815	2	BOLT (M8X16X1.25MM)						
	8	1	210-6645	1	BRACKET AS (UPPER)						
	9	1	210-6646	1	BRACKET AS (LOWER)						
	10	1	6I-0918	2	NUT (M6)						
	11	1	100-4838	2	BOLT (M6X20MM)						
	12	1	210-6647	1	BRACKET (INNER)						
	13	1	6I-4200	1	BOLT (M10X1.5X16MM)						
	14	1	105-4173	2	BOLT (M10X1.5X60MM)						



# BASIC ENGINE

210-6424 GUARD GP-BELT (contd.)

i01625259



GRAPHIC #1

<END>

g00856534



# BASIC ENGINE

## 217-7605 GUARD GP

S/N: SNX1-UP

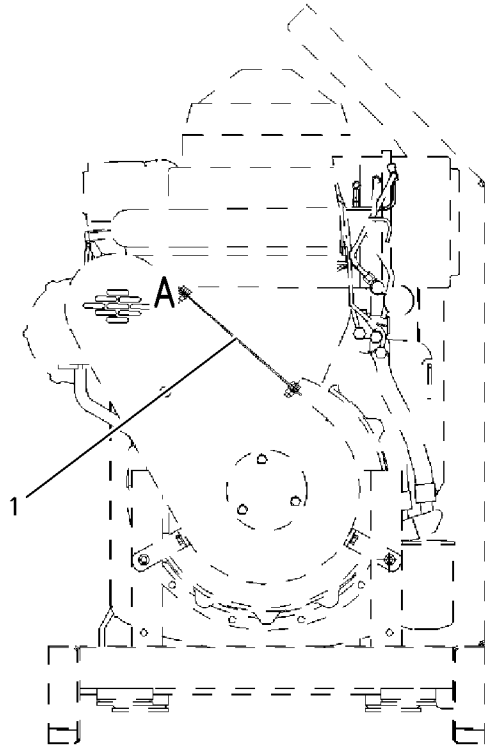
AN ATTACHMENT

SMCS-7174

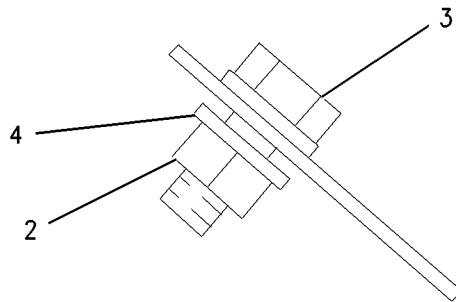
i01668013

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	217-7599	1	GUARD						
M	2	1	5C-7261	2	NUT (M8X1.25 THD)						
M	3	1	8T-4189	2	BOLT (M8X1.25X20MM)						
	4	1	8T-4224	4	WASHER-HARD (8.8X16X2MM THK)						

M-METRIC PART



FRONT VIEW



VIEW OF AREA A

GRAPHIC #1

<END>

g00862182



# BASIC ENGINE

## 240-7138 GUARD GP-BELT

S/N: SNX1-UP

ALTERNATOR

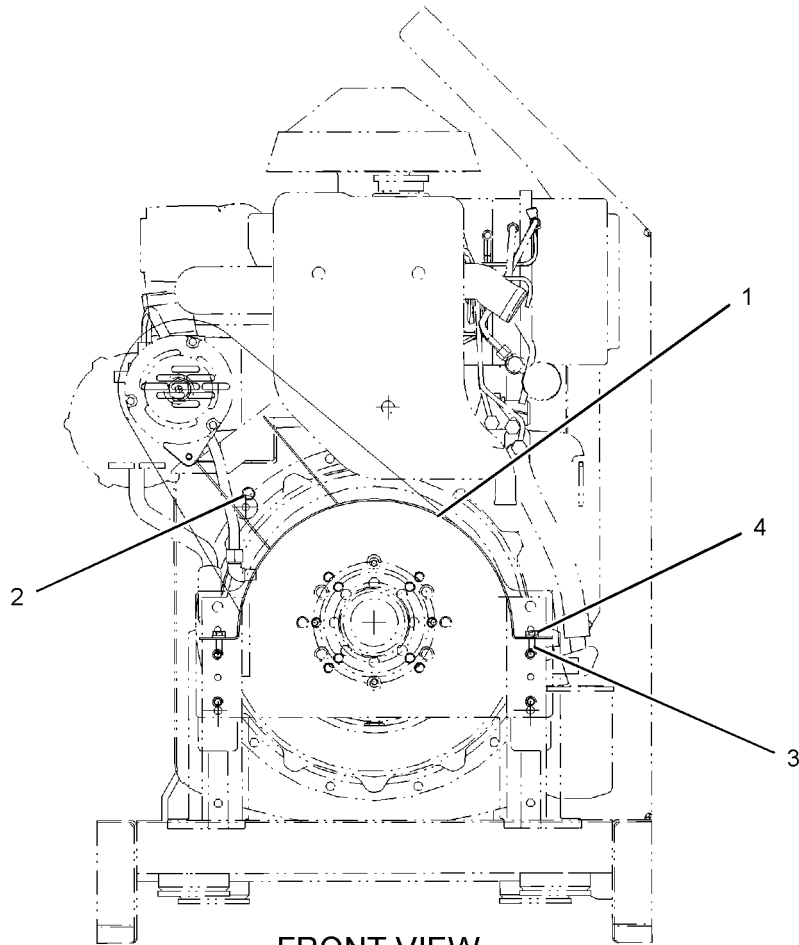
AN ATTACHMENT

SMCS-7174

i01971753

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	228-8658	1	GUARD AS						
M	2	1	7X-0818	1	BOLT (M8X1.25X45MM)						
M	3	1	8T-4189	6	BOLT (M8X1.25X20MM)						
	4	1	8T-4224	7	WASHER-HARD (8.8X16X2MM THK)						

M-METRIC PART



FRONT VIEW

<END>

GRAPHIC #1

g01031065



# BASIC ENGINE

## 240-7142 GUARD GP-BELT

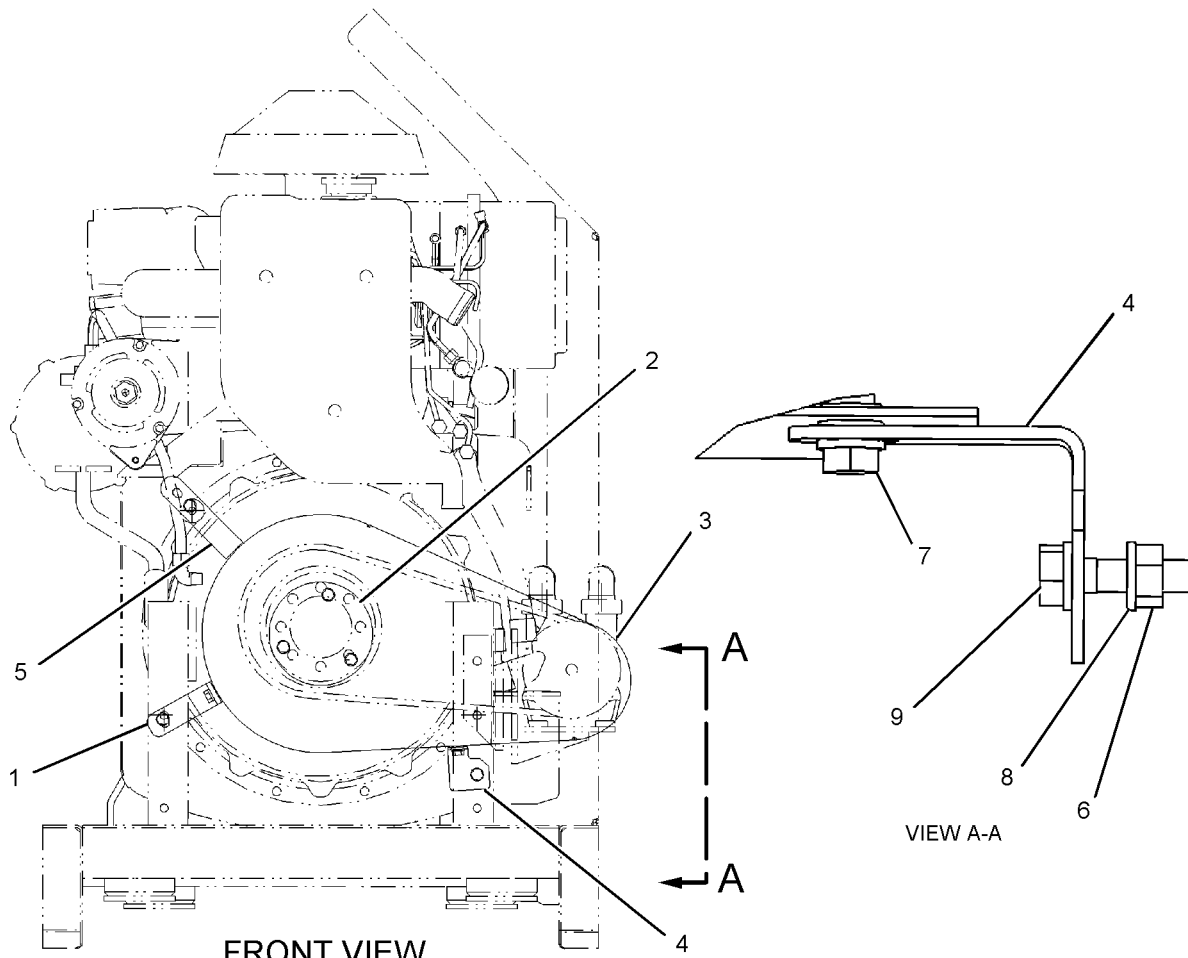
S/N: SNX1-UP  
WATER PUMP  
AN ATTACHMENT

SMCS-7174

i01971749

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	211-1921	1	BRACKET						
	2	1	214-1434	1	GUARD						
	3	1	240-7614	1	GUARD AS						
		1	180-3748	5	INSERT - THREADED						
	4	1	240-7628	1	BRACKET						
	5	1	241-2626	1	BRACKET						
M	6	1	5C-7261	2	NUT (M8X1.25 THD)						
M	7	1	8T-4189	7	BOLT (M8X1.25X20MM)						
	8	1	8T-4224	11	WASHER-HARD (8.8X16X2MM THK)						
M	9	1	8T-7547	2	BOLT (M8X1.25X30MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01030970



# BASIC ENGINE

## 240-7144 GUARD GP-BELT

S/N: SNX1-UP

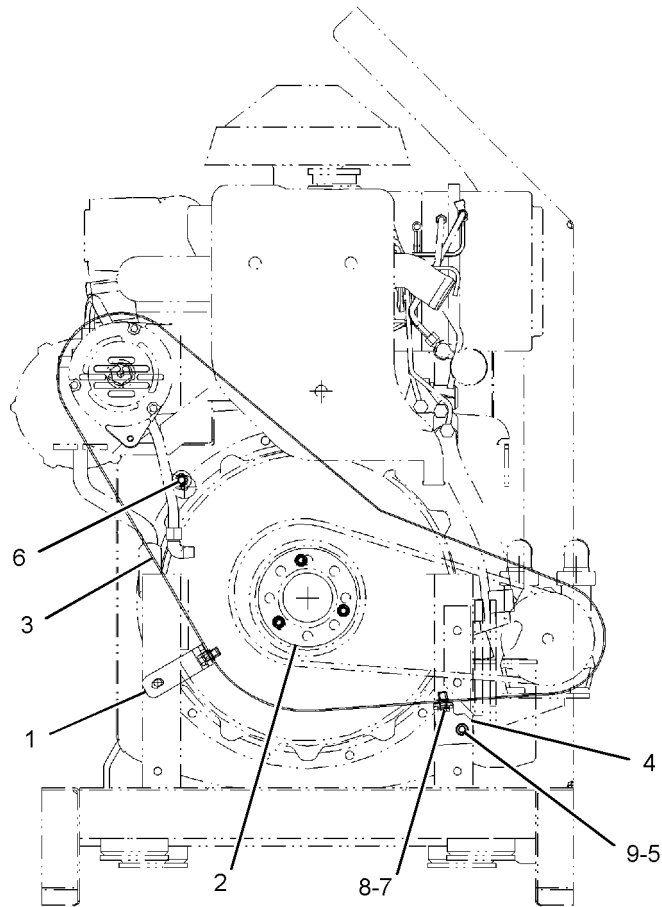
ALTERNATOR AND WATER PUMP  
AN ATTACHMENT

SMCS-7174

i01971747

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	211-1921	1	BRACKET						
	2	1	214-1434	1	GUARD						
	3	1	240-7616	1	GUARD AS						
		1	180-3748	5	INSERT - THREADED						
	4	1	240-7628	1	BRACKET						
M	5	1	5C-7261	2	NUT (M8X1.25 THD)						
M	6	1	7X-0818	1	BOLT (M8X1.25X45MM)						
M	7	1	8T-4189	5	BOLT (M8X1.25X20MM)						
	8	1	8T-4224	10	WASHER-HARD (8.8X16X2MM THK)						
M	9	1	8T-7547	2	BOLT (M8X1.25X30MM)						

M-METRIC PART



FRONT VIEW  
<END>

GRAPHIC #1

g01031063





# BASIC ENGINE

## 240-7140 GUARD GP-CLUTCH

S/N: SNX1-UP

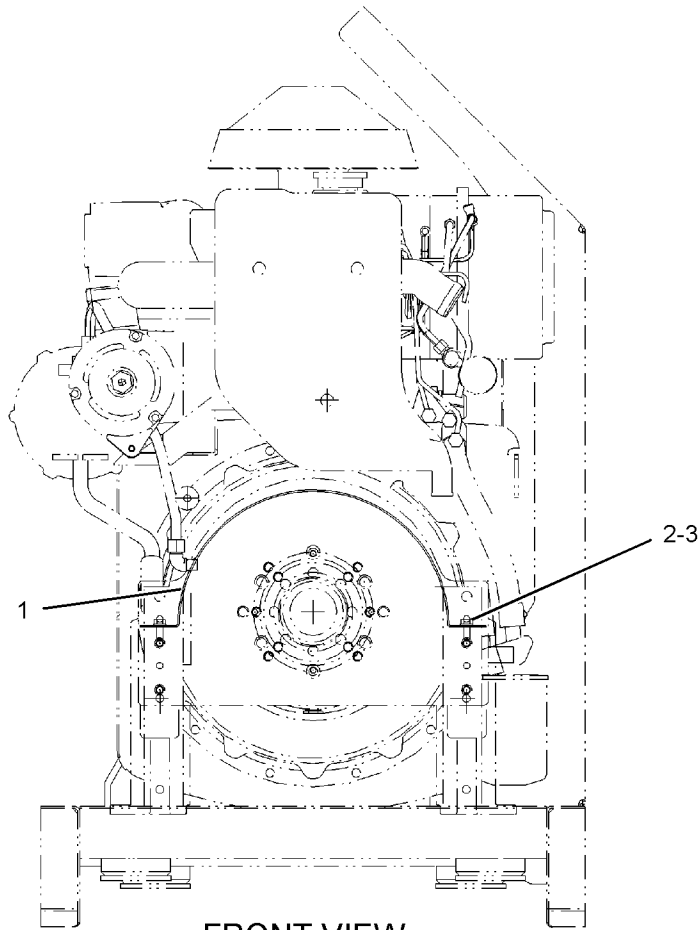
AN ATTACHMENT

SMCS-1007, 7187

i01971751

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	240-7612	1	GUARD AS						
M	2	1	8T-4189	6	BOLT (M8X1.25X20MM)						
	3	1	8T-4224	6	WASHER-HARD (8.8X16X2MM THK)						

M-METRIC PART



FRONT VIEW  
<END>

GRAPHIC #1

g01031078



# BASIC ENGINE

## 240-7136 GUARD GP-FLYWHEEL

S/N: SNX1-UP

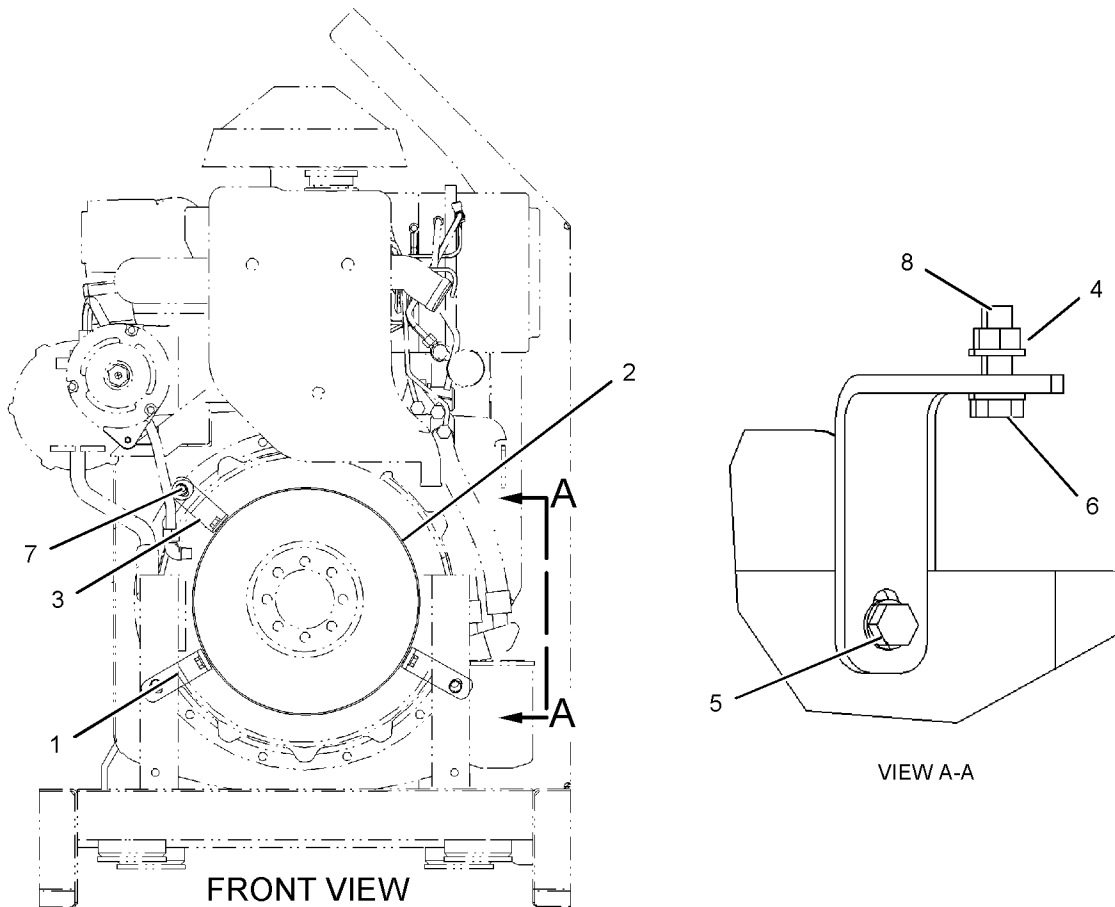
AN ATTACHMENT

SMCS-1156, 7187

i01971756

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	211-1921	2	BRACKET						
	2	1	228-9532	1	GUARD AS						
		1	180-3748	3	INSERT - THREADED						
	3	1	228-9767	1	BRACKET						
M	4	1	5C-7261	2	NUT (M8X1.25 THD)						
M	5	1	8T-4189	3	BOLT (M8X1.25X20MM)						
	6	1	8T-4224	8	WASHER-HARD (8.8X16X2MM THK)						
M	7	1	8T-4908	1	BOLT (M8X1.25X25MM)						
M	8	1	8T-7547	2	BOLT (M8X1.25X30MM)						

M-METRIC PART



FRONT VIEW

VIEW A-A

GRAPHIC #1

<END>

g01030943



# BASIC ENGINE

## 213-1527 GUARD GP - PULLEY

S/N: SNX1-UP

AN ATTACHMENT

SMCS - 1359

i01749834

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	<b>209-5010</b>	1	GUARD AS						
	1A	1	<b>134-8331</b>	1	BOSS						
	1B	1	<b>180-3748</b>	5	INSERT						
	2	1	<b>211-1921</b>	2	BRACKET						
	3	1	<b>214-1434</b>	1	GUARD						
M	4	1	<b>5C-7261</b>	2	NUT (M8X1.25 THD)						
M	5	1	<b>8T-4189</b>	5	BOLT (M8X1.25X20MM)						
	6	1	<b>8T-4224</b>	10	WASHER-HARD (8.8X16X2MM THK)						
M	7	1	<b>7X-0818</b>	1	BOLT (M8X1.25X45MM)						
M	8	1	<b>8T-7547</b>	2	BOLT (M8X1.25X30MM)						

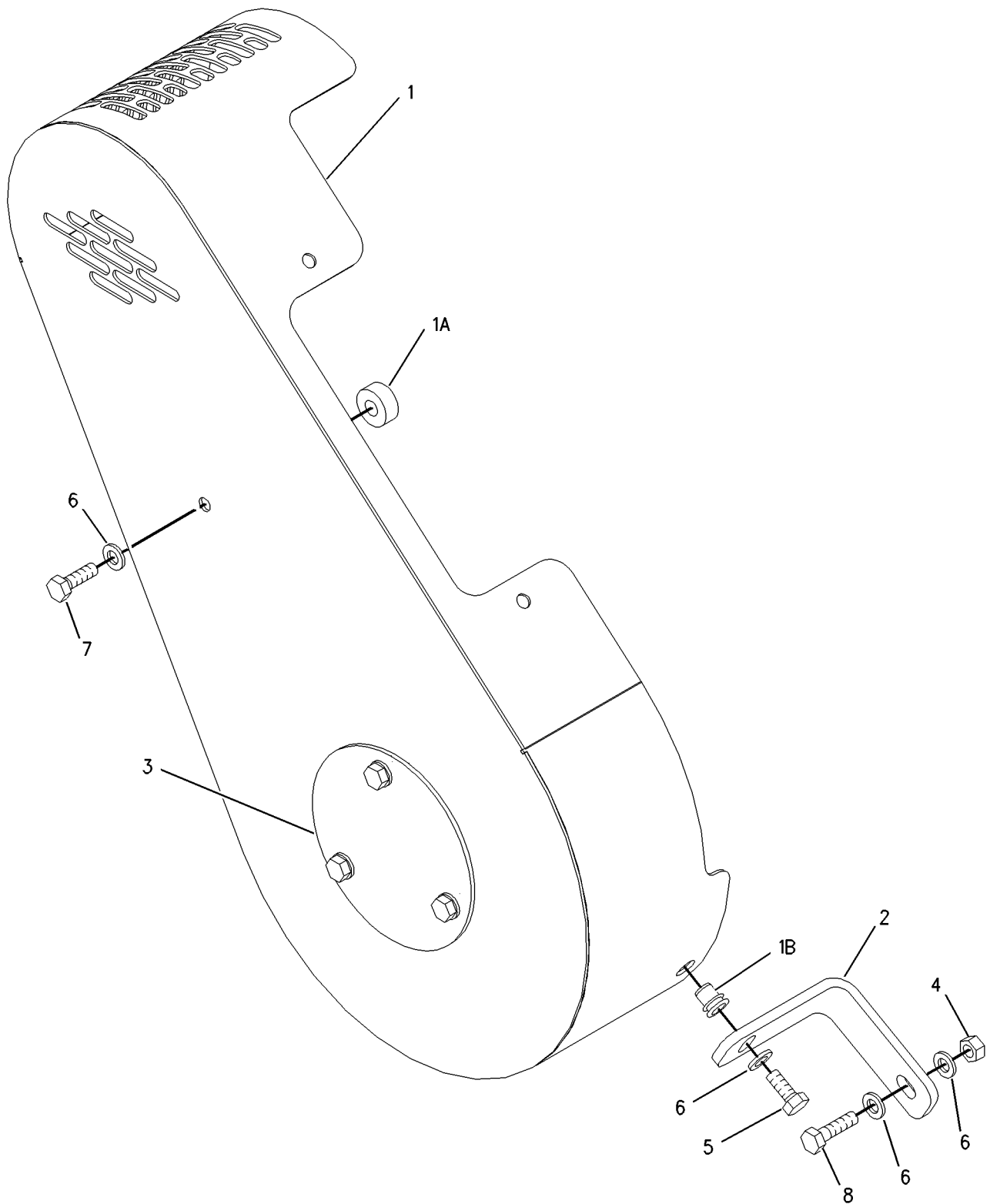
M - METRIC PART



# BASIC ENGINE

213-1527 GUARD GP - PULLEY (contd.)

i01749834



GRAPHIC #1

<END>

g00854431



# BASIC ENGINE

## 210-6432 HOUSING GP-FLYWHEEL

S/N: SNX1-UP

SAE NO. 3

PART OF 223-3299, 223-3301, 223-3302, 223-3303 ENGINE AR

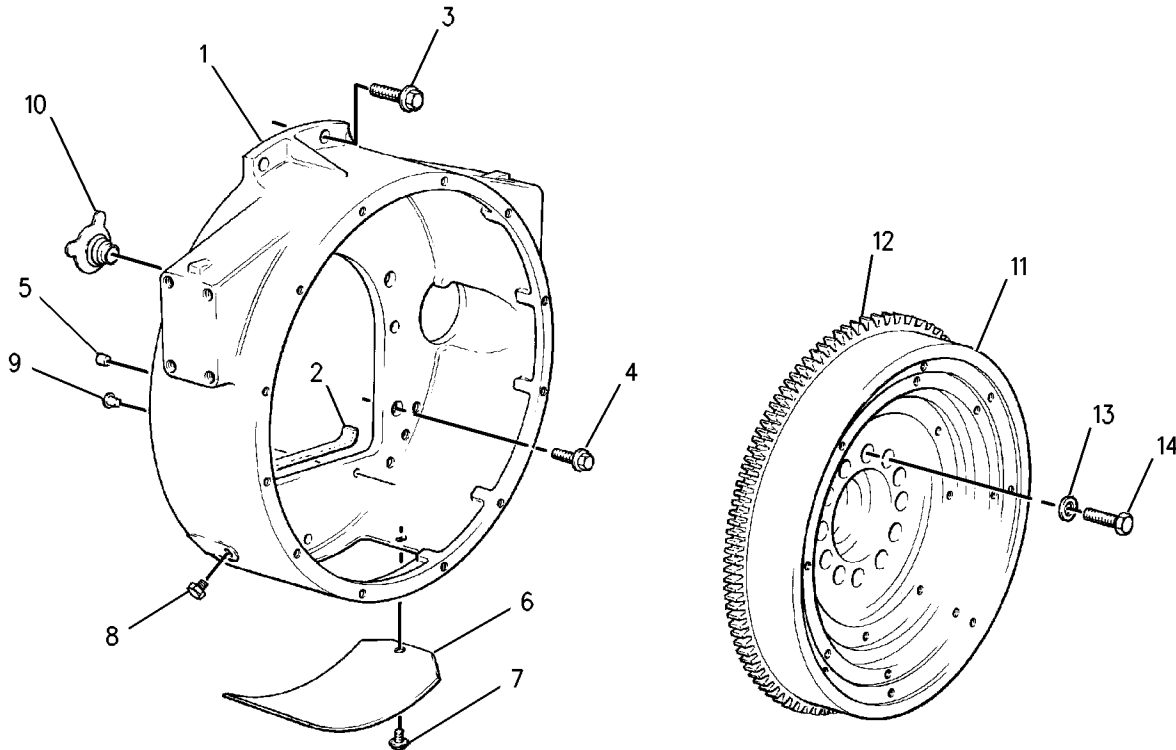
FOR USE WITH SINGLE STARTER

AN ATTACHMENT

SMCS-1157

i01941447

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	220-8632	1	HOUSING-FLYWHEEL						
	2	1	7W-4642	1	SHIELD-DUST						
	3	1	6I-0423	2	BOLT (M12X1.75X30MM)						
	4	1	121-0883	6	BOLT (M10X1.5X30MM)						
	5	1	067-6123	2	DOWEL						
	6	1	7W-1176	1	PLATE-COVER						
	7	1	101-3615	2	BOLT (M8X10)						
	8	1	6I-0847	2	PLUG						
	9	1	4H-0408	3	PLUG-PROTECTION (10MM)						
	10	1	210-6655	1	PLUG						
	11	1	103-6131	1	FLYWHEEL AS						
	12	1	033-7687	1	RING (126 TEETH)						
	13	1	5P-8245	12	WASHER-HARD (13.5X25.5X3MM THK)						
	14	1	0S-1603	12	BOLT (1/2-20X1.5 IN)						



GRAPHIC #1

<END>

g00850033



# BASIC ENGINE

## 210-6576 HOUSING GP-FLYWHEEL

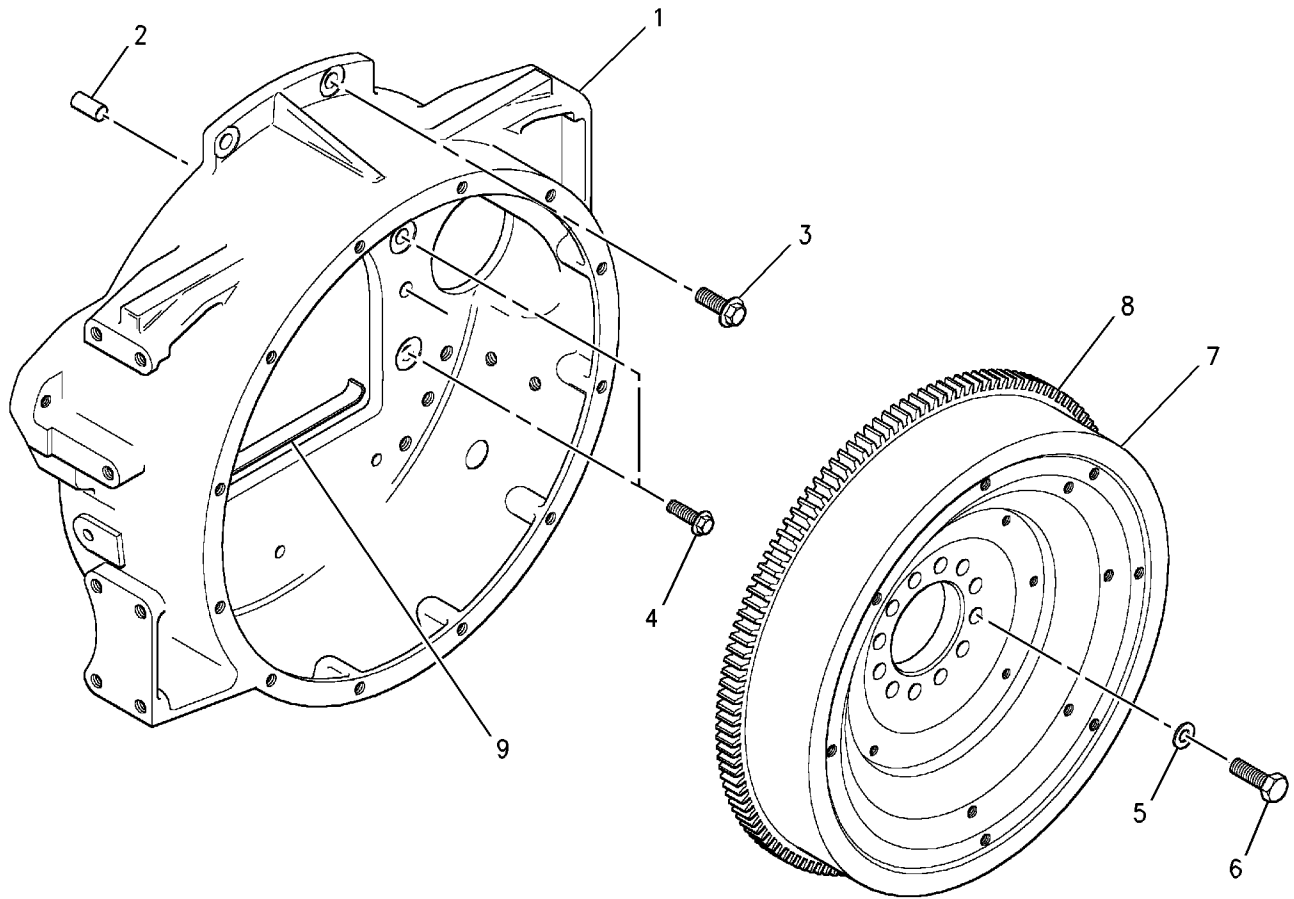
S/N: SNX1-UP

SAE NO. 3. TWIN STARTER  
AN ATTACHMENT

SMCS-1157

i01635857

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	210-7730	1	HOUSING-FLYWHEEL						
	2	1	067-6123	2	DOWEL						
	3	1	6I-0423	2	BOLT (M12X1.75X30MM)						
	4	1	121-0883	6	BOLT (M10X1.5X30MM)						
	5	1	5P-8245	12	WASHER-HARD (13.5X25.5X3MM THK)						
	6	1	0S-1603	12	BOLT (1/2-20X1.5IN)						
	7	1	103-6131	1	FLYWHEEL AS						
	8	1	033-7687	1	RING-STARTING MOTOR (126 TEETH)						
	9	1	7W-4642	1	SHIELD-DUST						



GRAPHIC #1

<END>

g00849967



# BASIC ENGINE

## 214-5949 HOUSING GP-FRONT

S/N: GSN1-121

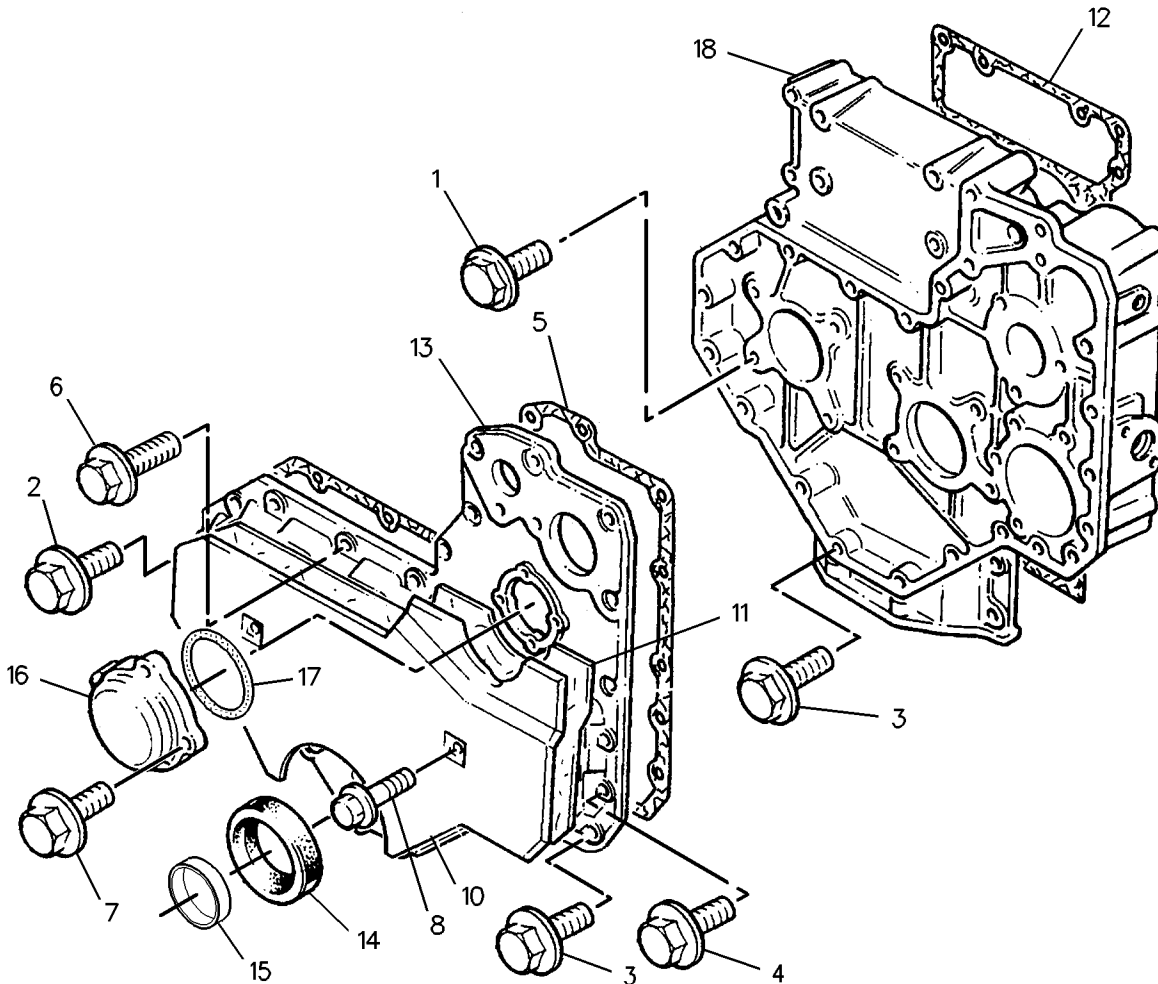
ALSO AN ATTACHMENT

SMCS-1151, 1162

i01648429

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-0217	8	BOLT (M8X1.25X20MM)						
	2	1	6I-0254	6	BOLT (M8X1.25X30MM)						
	3	1	6I-0260	5	BOLT (M8X1.25X25MM)						
	4	1	6I-0645	2	BOLT (M8X1.25X25MM)						
	5	1	6I-0838	1	GASKET						
	6	1	6I-0839	6	BOLT (M8X1.25X70MM)						
	7	1	6I-0843	4	BOLT (M6X1.0X25MM)						
	8	1	6I-0846	2	BOLT (M6X1.0X14MM)						
	10	1	140-7444	1	SHIELD						
	11	1	140-7445	1	DAMPER						
	12	1	160-3510	1	GASKET						
	13	1	160-6292	1	COVER AS-HOUSING						
	14	1	4W-5359	1	SEAL -CRANKSHAFT						
	15	1	167-2153	1	SLEEVE -CRANKSHAFT						
	16	1	174-6575	1	COVER AS						
	17	1	174-6577	1	SEAL -O-RING						
	18	1	198-9111	1	HOUSING						
F		1	6I-4354	1	DOWEL						

F - NOT SHOWN



GRAPHIC #1

<END>

g00858737

# BASIC ENGINE

## 214-5949 HOUSING GP-FRONT

S/N: GSN122-UP

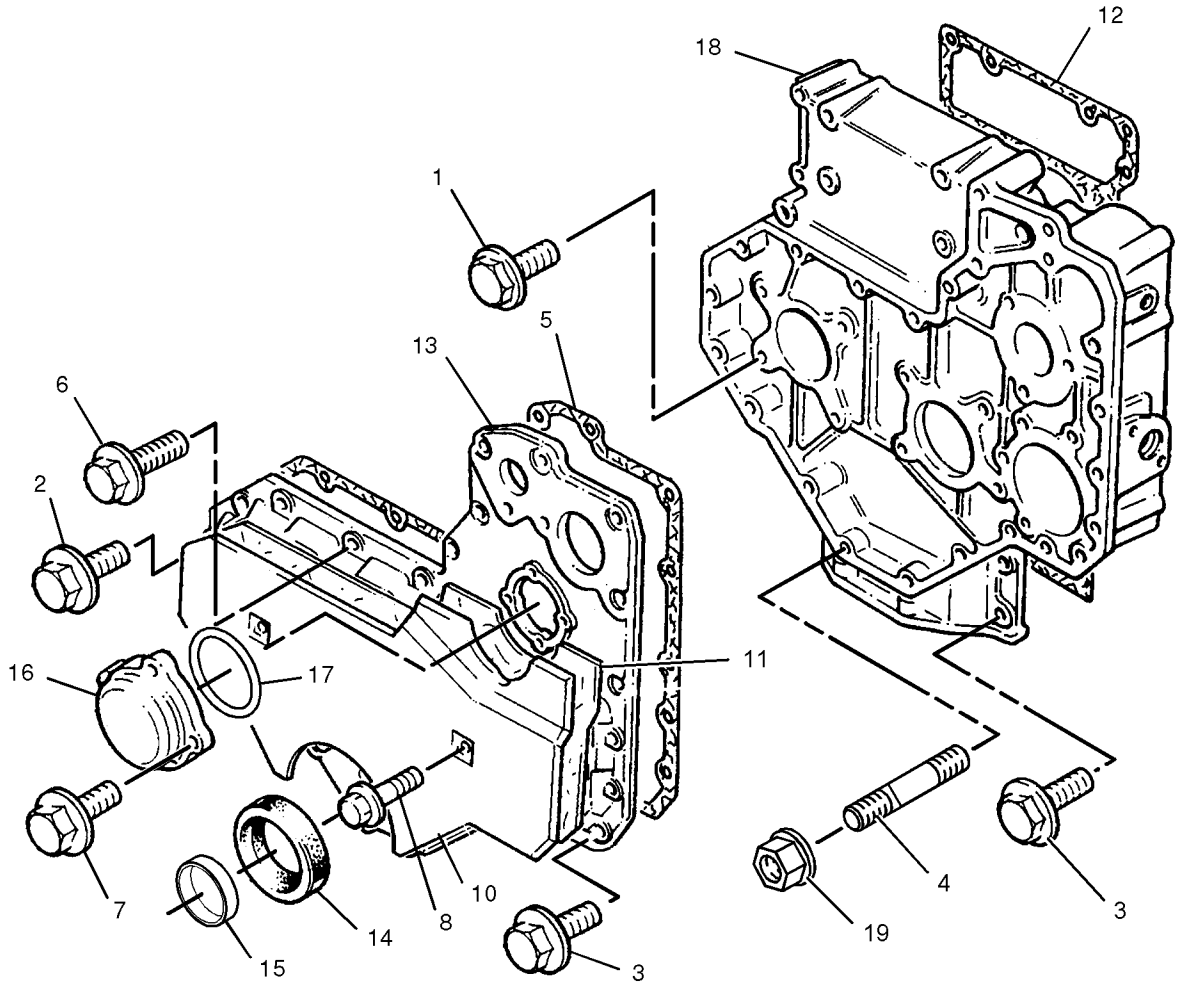
ALSO AN ATTACHMENT

SMCS-1151, 1162

i01939392

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-0217	8	BOLT (M8X1.25X20MM)						
	2	1	6I-0254	6	BOLT (M8X1.25X30MM)						
	3	1	6I-0260	5	BOLT (M8X1.25X25MM)						
	4	1	6I-0840	2	STUD (M8X20MM)						
	5	1	6I-0838	1	GASKET						
	6	1	6I-0839	6	BOLT (M8X1.25X70MM)						
	7	1	6I-0843	4	BOLT (M6X1.0X25MM)						
	8	1	6I-0846	2	BOLT (M6X1.0X14MM)						
	10	1	140-7444	1	SHIELD						
	11	1	140-7445	1	DAMPER						
	12	1	160-3510	1	GASKET						
	13	1	160-6292	1	COVER AS-HOUSING						
	14	1	4W-5359	1	SEAL -CRANKSHAFT						
	15	1	167-2153	1	SLEEVE -CRANKSHAFT						
	16	1	174-6575	1	COVER AS						
	17	1	174-6577	1	SEAL -O-RING						
	18	1	198-9111	1	HOUSING						
	19	1	6I-0291	2	NUT (M8X1.25)						
F			6I-4354	1	DOWEL						

F-NOT SHOWN



GRAPHIC #1

<END>

g01032141





# BASIC ENGINE

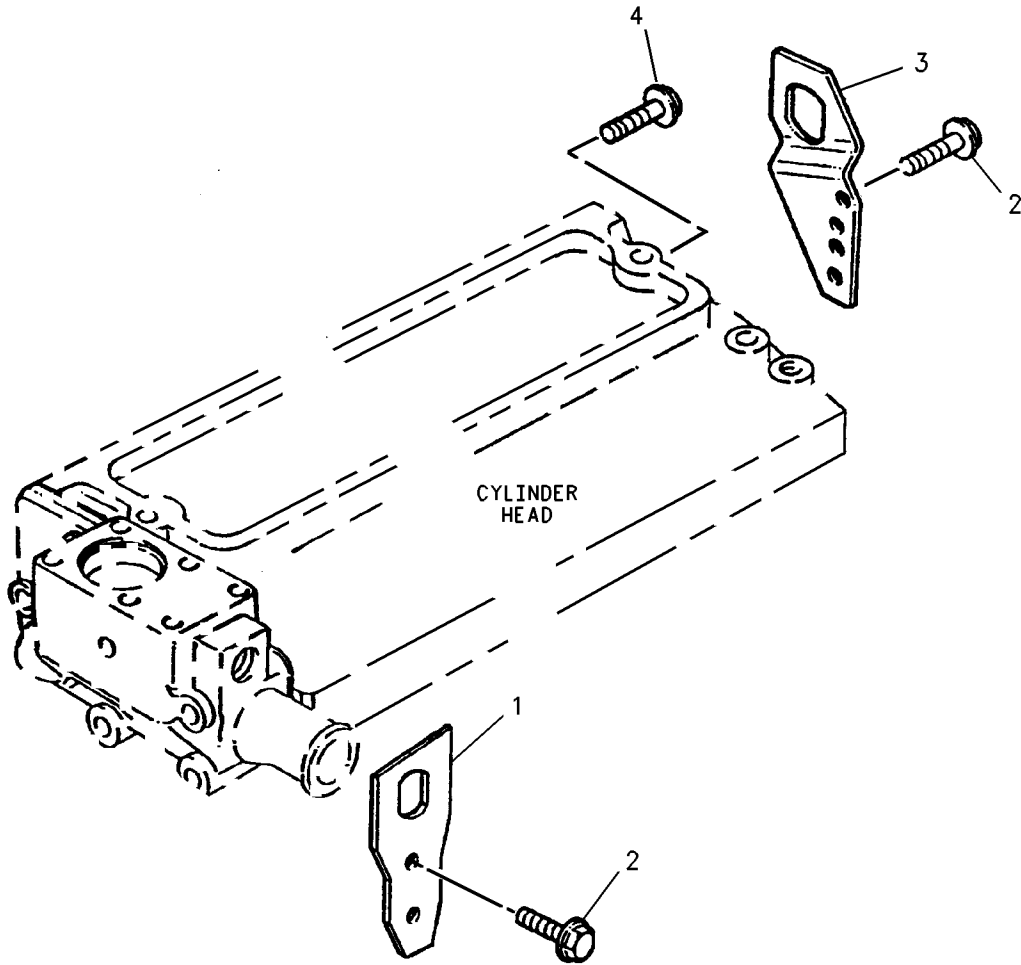
## 198-5819 LIFTING GP-ENGINE

S/N: GSN1-UP  
ALSO AN ATTACHMENT

SMCS-1122

i01647681

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-0653	1	PLATE						
	2	1	6I-0654	4	BOLT (M10X1.5X25MM)						
	3	1	6I-0655	1	PLATE						
	4	1	100-4830	1	BOLT (M10X1.5X20MM)						



GRAPHIC #1

<END>

g00745183



# BASIC ENGINE

## 210-6420 LIFTING GP-ENGINE

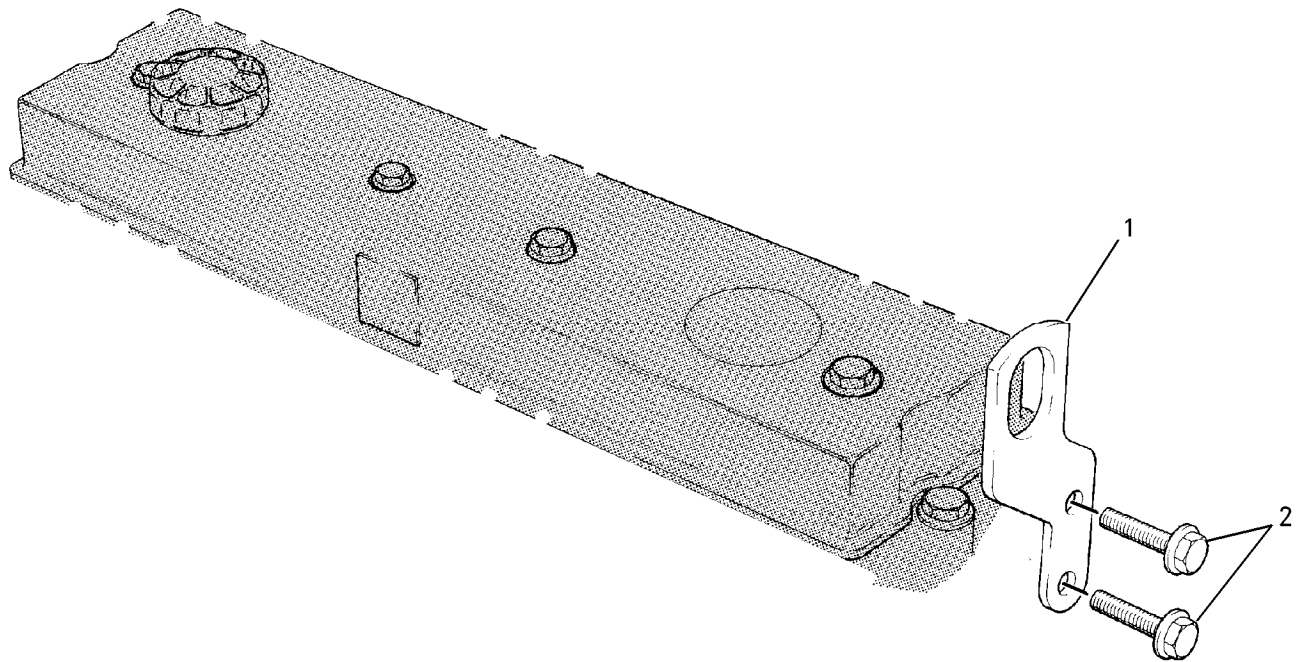
REAR

ALSO AN ATTACHMENT

SMCS-1122

i01625244

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	194-7153	1	BRACKET-LIFTING						
	2	1	6I-0593	2	BOLT (M10X1.5X30MM)						



GRAPHIC #1

<END>

g00849727



# BASIC ENGINE

## 210-6588 MOUNTING GP-ALTERNATOR

S/N: SNX1-UP

PART OF 223-3299, 223-3301, 223-3302, 223-3303 ENGINE AR  
AN ATTACHMENT

SMCS-1154, 1405

i01641478

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	101-3802	1	BRACKET						
	2	1	6I-0839	2	BOLT (M8X1.25X70MM)						
	3	1	101-3801	1	SUPPORT						
B	4	1	6I-0654	2	BOLT (M10X1.5X25MM)						
					-OR-						
B		1	6I-0593	1	BOLT (M10X1.5X30MM)						
	5	1	6I-0217	3	BOLT (M8X1.25X20MM)						
	6	1	101-3804	1	BRACKET						
	7	1	6I-0456	3	BOLT (M8X1.25X45MM)						
	8	1	101-3805	1	BOLT (M8X1.25X90MM)						
	9	1	210-7754	1	BRACKET						
M	10	1	8T-0389	1	LOCKNUT (M10X1.5 THD)						
	11	1	186-0075	1	PULLEY-ALTERNATOR						
	12	1	6I-0254	1	BOLT (M8X1.25X30MM)						
	13	1	6L-3408	1	V-BELT (ALTERNATOR)						
	14	1	8T-4224	3	WASHER-HARD (8.8X16X2MM THK)						
M	15	1	3T-0852	2	LOCKNUT (M8)						
B	16	1	193-5167	1	WASHER (9.5X19.1X3.2MM THK)						

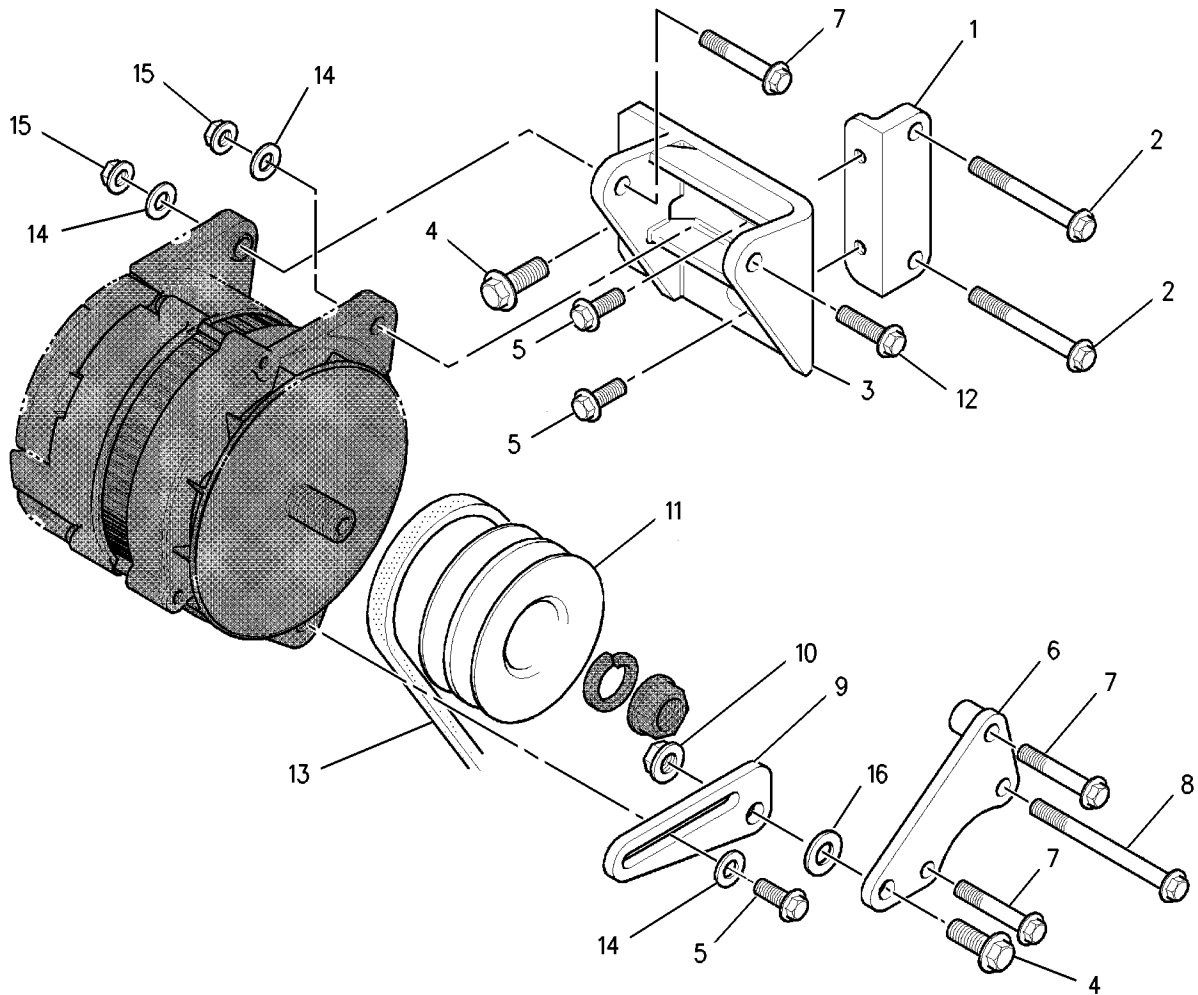
B-USE AS REQUIRED  
M-METRIC PART



# BASIC ENGINE

210-6588 MOUNTING GP-ALTERNATOR (contd.)

i01641478



GRAPHIC #1

<END>

g00850105



# BASIC ENGINE

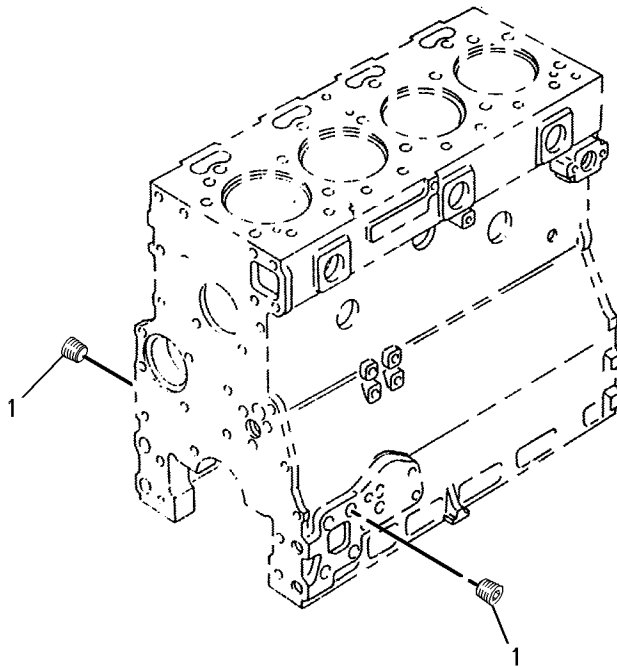
## 147-5496 MOUNTING GP-ENGINE

S/N: GSN1-UP  
ALSO AN ATTACHMENT

SMCS-1152

i01647674

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	102-9460	4	PLUG						



GRAPHIC #1

<END>

g00280946



# BASIC ENGINE

## 210-6435 MOUNTING GP-ENGINE

S/N: GSN1-121

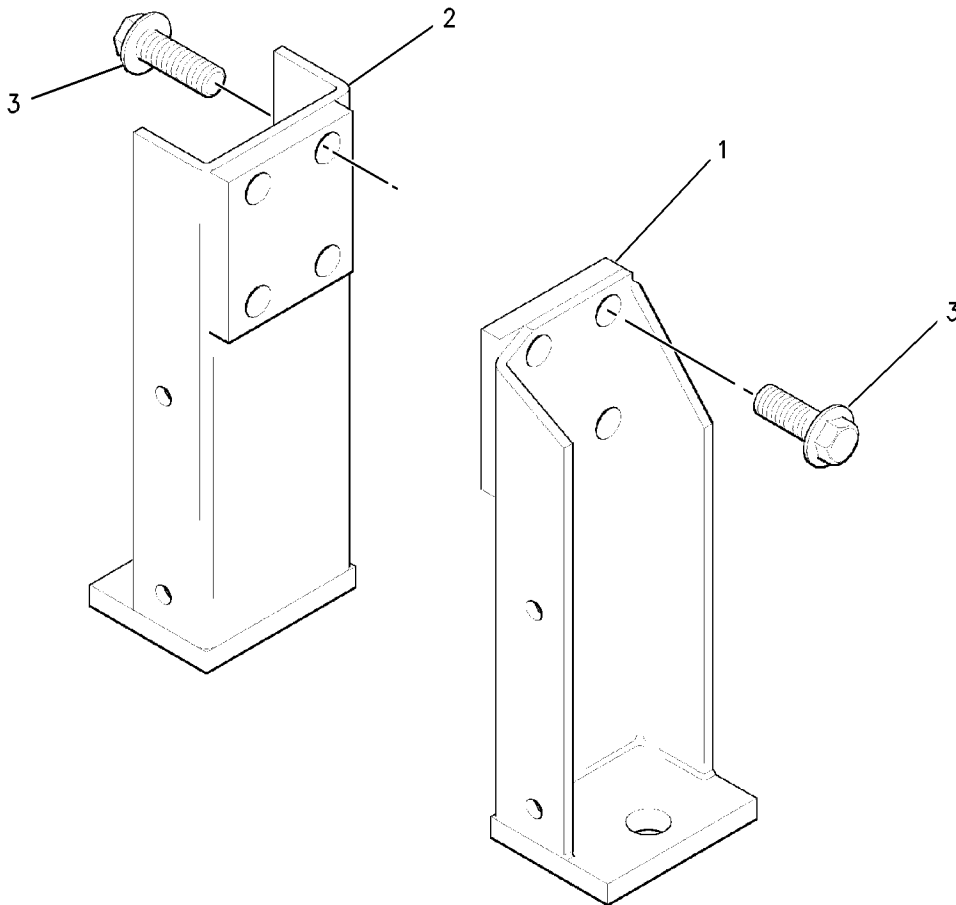
FRONT

ALSO AN ATTACHMENT

SMCS-1152

i01633707

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	210-6658	1	BRACKET (INJECTOR SIDE)						
	2	1	210-6660	1	BRACKET (MANIFOLD SIDE)						
	3	1	103-6716	8	BOLT (M16X40)						



GRAPHIC #1

<END>

g00849904



# BASIC ENGINE

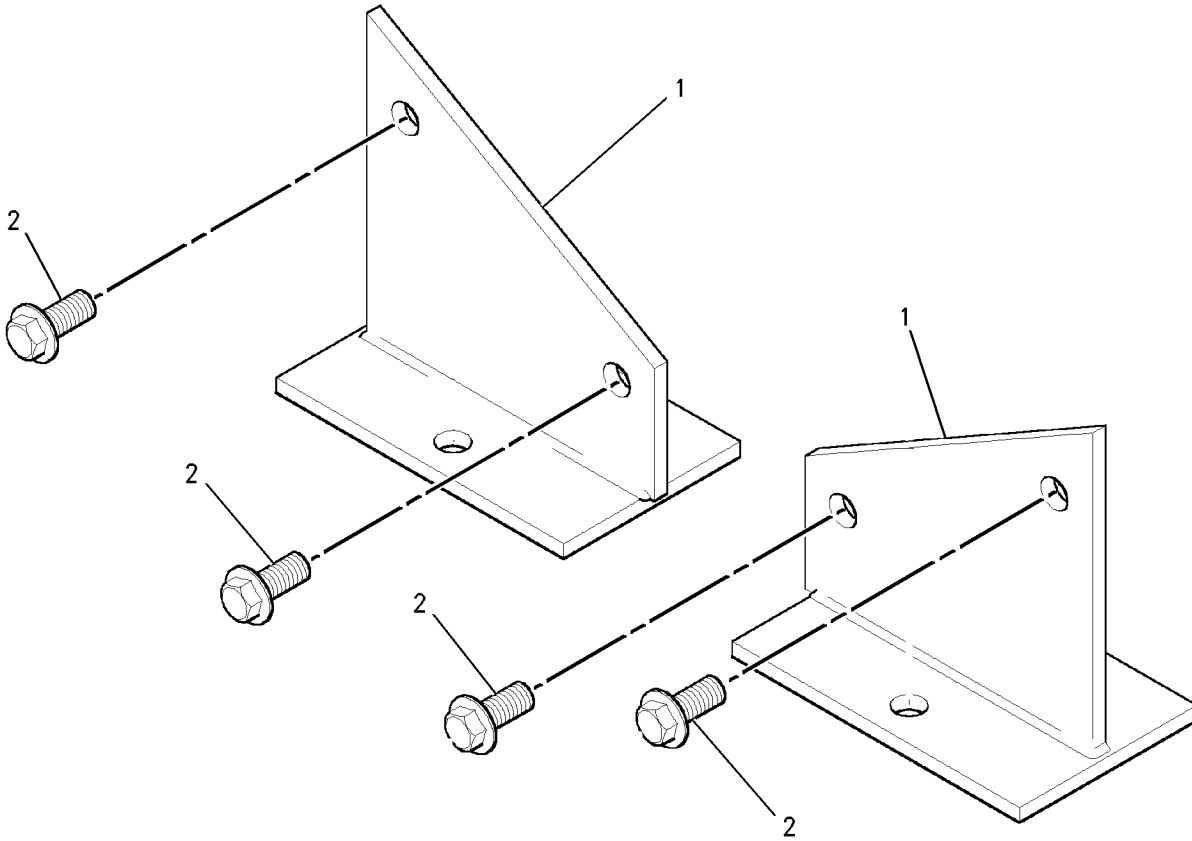
## 210-6586 MOUNTING GP-ENGINE

REAR STILLAGE FEET  
FOR USE WITH FRONT FEET ONLY OPTION  
ALSO AN ATTACHMENT

SMCS-1152

i01641465

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	210-7749	2	BRACKET						
	2	1	100-4830	4	BOLT (M10X1.5X20MM)						



GRAPHIC #1

<END>

g00850070



# BASIC ENGINE

## 227-9885 MOUNTING GP-ENGINE

S/N: GSN122-UP

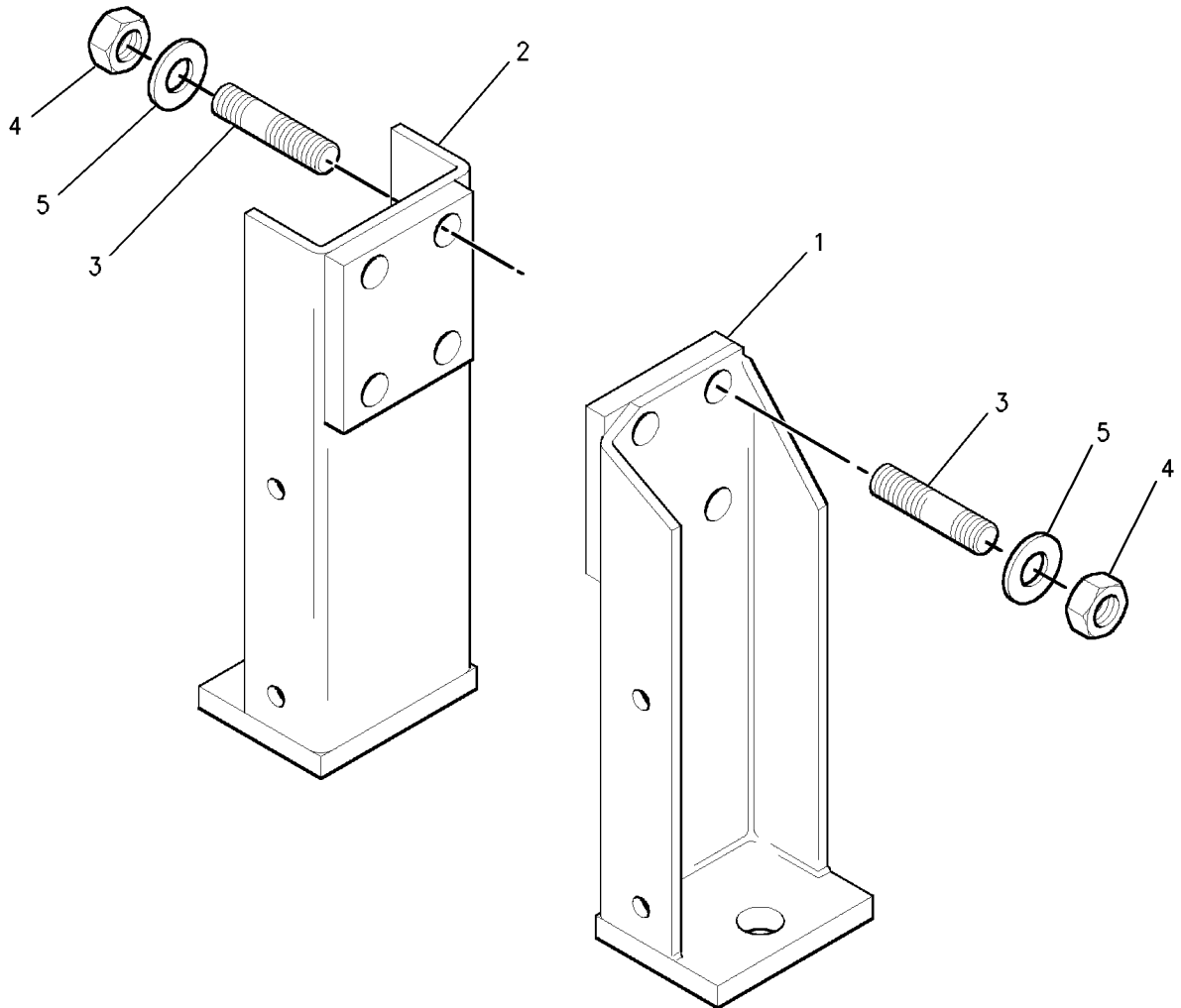
FRONT

ALSO AN ATTACHMENT

SMCS-1152

i01870113

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	210-6658	1	BRACKET						
	2	1	210-6660	1	BRACKET						
	3	1	113-7913	8	STUD (M16X45)						
	4	1	113-7912	8	NUT (M16)						
	5	1	199-1194	8	WASHER						



GRAPHIC #1

<END>

g00977459





# BASIC ENGINE

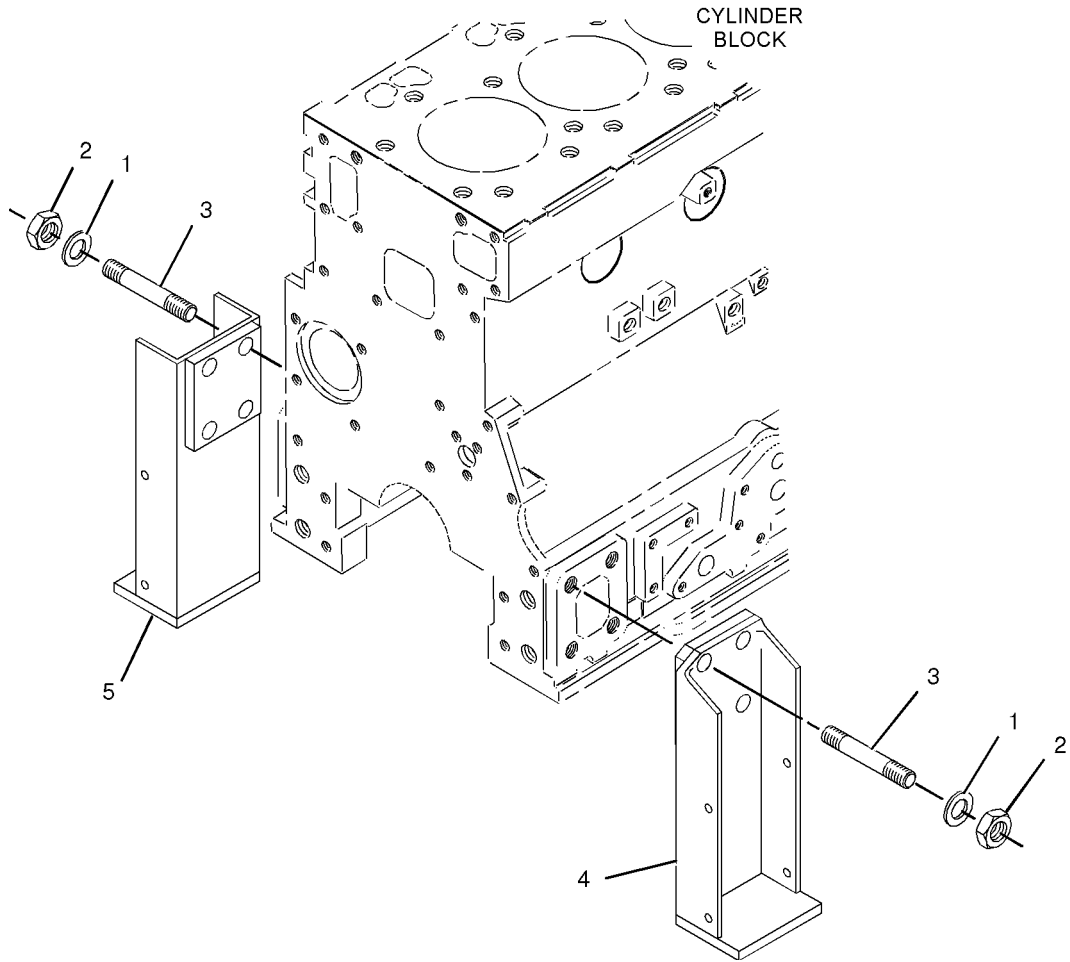
## 230-9637 MOUNTING GP-ENGINE

S/N: GSN1-UP  
FRONT  
AN ATTACHMENT

SMCS-1152

i01861002

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7X-0591	8	WASHER-HARD (17X29X3MM THK)						
	2	1	113-7912	8	NUT (M16)						
	3	1	113-7913	8	STUD (M16X45)						
	4	1	131-6752	1	BRACKET						
	5	1	210-6660	1	BRACKET						



GRAPHIC #1

<END>

g01010535



# BASIC ENGINE

## 213-1072 MOUNTING GP-ENGINE & GENERATOR

S/N: SNX1-UP

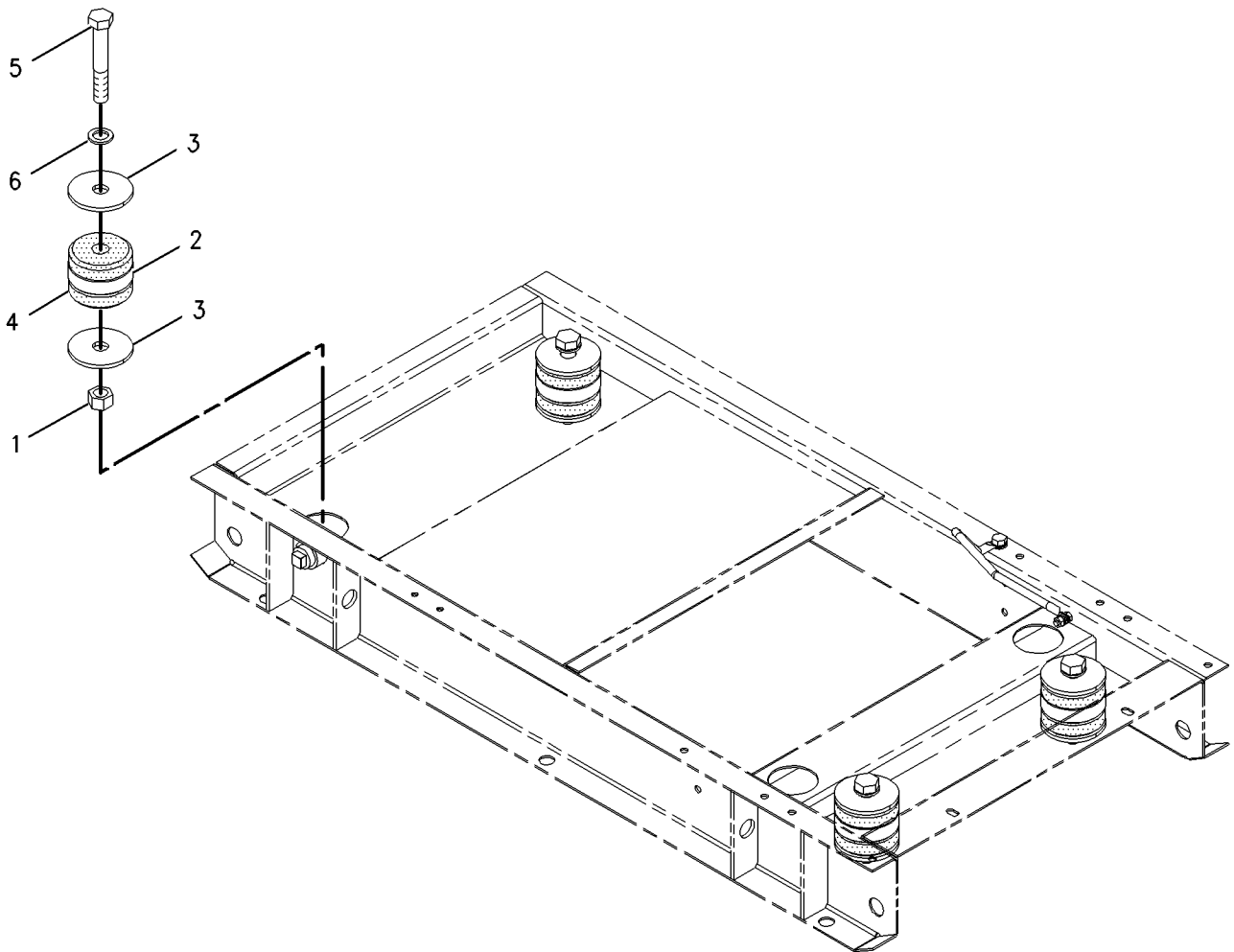
AN ATTACHMENT

SMCS-1021, 1152

i01642194

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	8T-4131	4	NUT (M20X2.5 THD)						
	2	1	204-0535	4	SPACER						
	3	1	206-3423	8	WASHER						
	4	1	213-1069	4	MOUNT AS						
M	5	1	7X-2532	4	BOLT (M20X2.5X130MM)						
	6	1	8T-4123	4	WASHER-PLATED (22X35X3.5MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g00854593



# BASIC ENGINE

## 170-3711 MOUNTING GP-FAN DRIVE

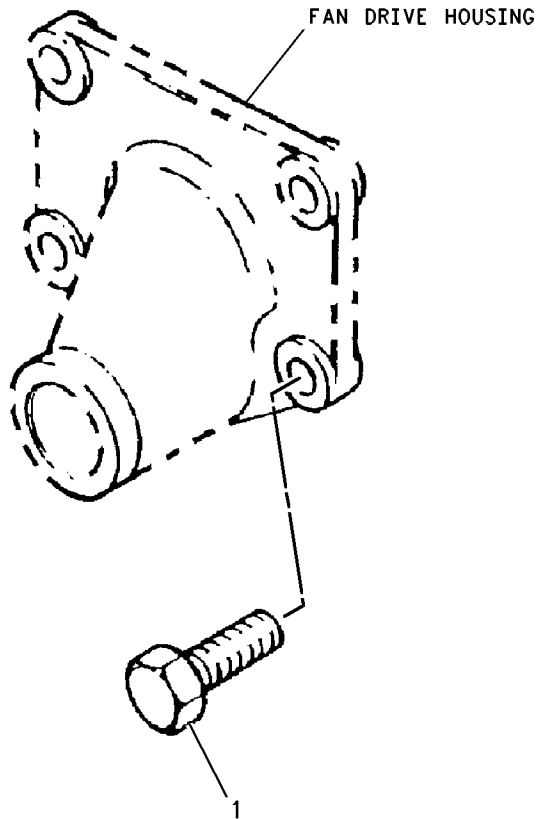
S/N: GSN131-UP

AN ATTACHMENT

SMCS-1359

i01991873

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-0650	4	BOLT						



GRAPHIC #1

<END>

g00607880



# BASIC ENGINE

## 214-5964 PAN GP-OIL

S/N: GSN1-UP

ALSO AN ATTACHMENT

SMCS-1302

i01997884

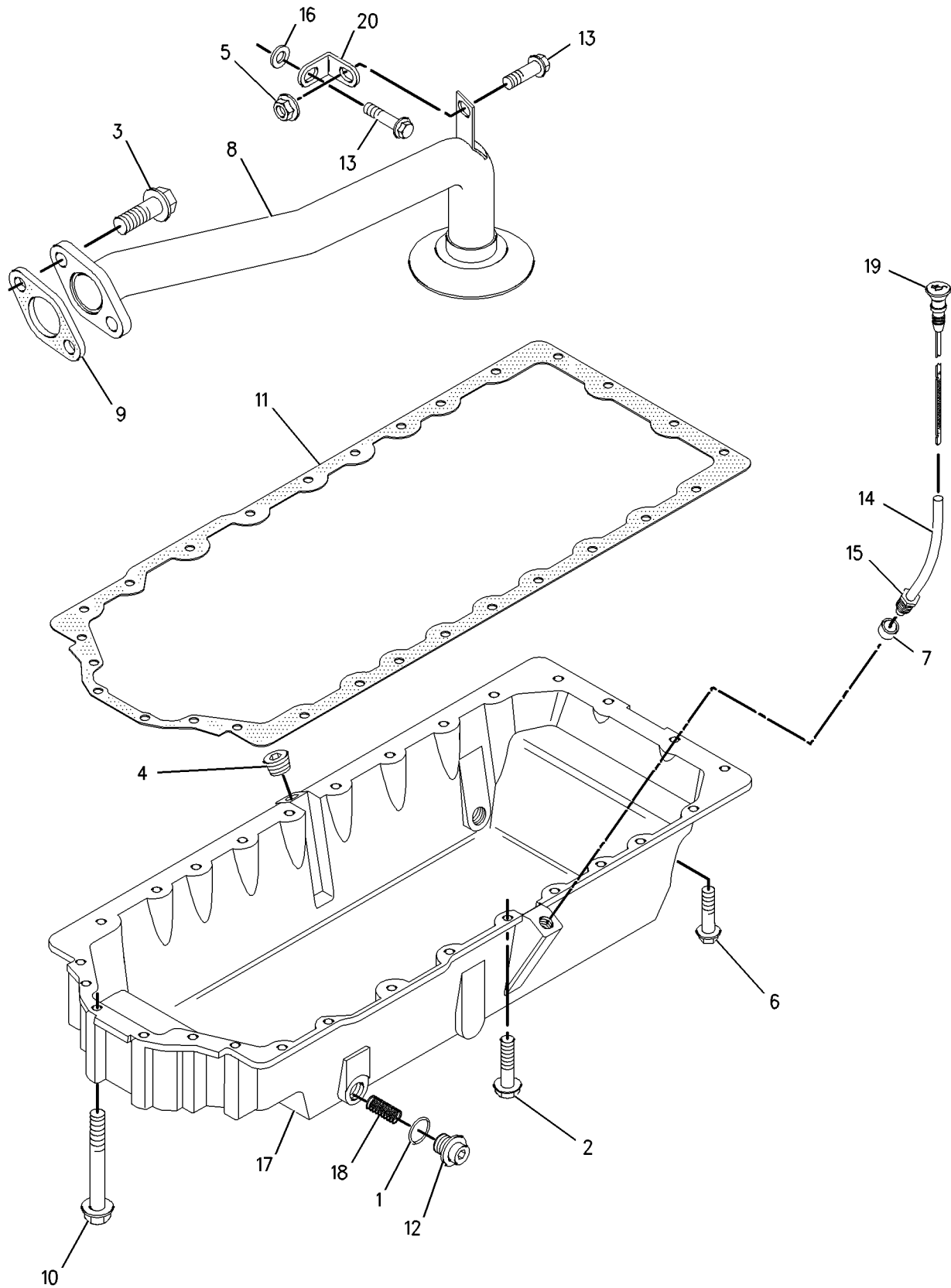
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-6718	2	SEAL-O-RING						
	2	1	6I-0217	23	BOLT (M8X1.25X20MM)						
	3	1	6I-0260	2	BOLT (M8X1.25X25MM)						
	4	1	6I-0289	1	PLUG						
	5	1	6I-0291	1	NUT (M8X1.25)						
	6	1	6I-0572	2	BOLT (M8X1.25.20MM)						
	7	1	6I-1497	1	SEAL						
	8	1	6I-4376	1	TUBE AS						
	9	1	6I-4681	1	GASKET						
	10	1	6I-4709	4	BOLT (M8X1.25X100MM)						
	11	1	6I-4710	1	GASKET						
	12	1	7C-0351	2	PLUG-SUMP DRAIN						
	13	1	124-3815	1	BOLT (M8X16X1.25MM)						
	14	1	124-7702	1	TUBE AS						
	15	1	6I-4079	1	NUT						
	16	1	132-8848	1	WASHER						
	17	1	213-4814	1	PAN AS-OIL						
	18	1	7C-1224	2	INSERT						
	19	1	214-5973	1	GAUGE AS-OIL LEVEL (DIPSTICK)						
	20	1	214-5974	1	BRACKET						



# BASIC ENGINE

214-5964 PAN GP-OIL (contd.)

i01997884



GRAPHIC #1

<END>

g00856140



# BASIC ENGINE

## 239-0650 PAN GP-OIL

S/N: SNX1-UP

AN ATTACHMENT

SMCS-1302

i01997883

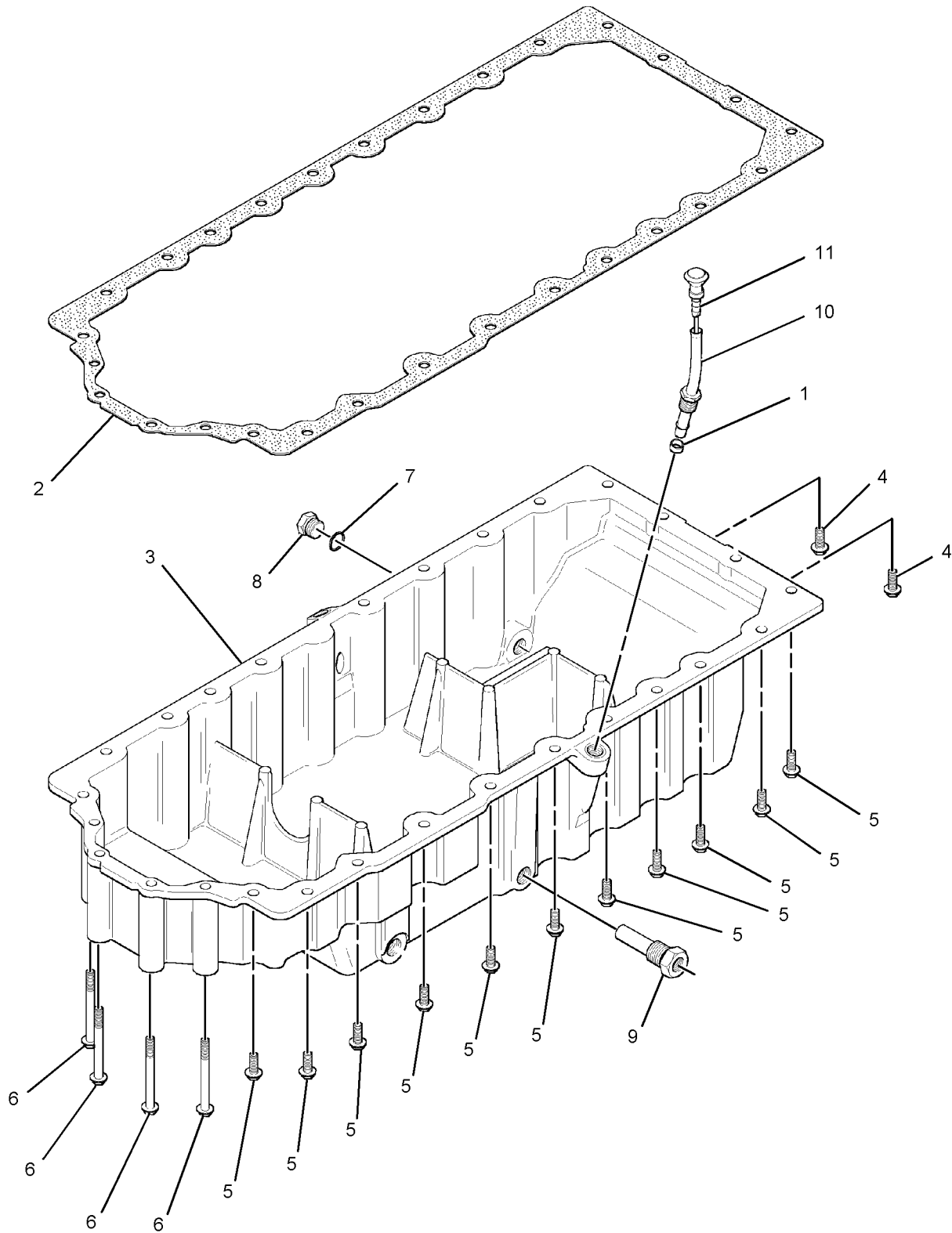
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
1	1	1	6I-1497	1	SEAL						
2	1	1	6I-4710	1	GASKET						
3	1	1	237-6181	1	SUMP						
4	1	1	6I-0572	2	BOLT (M8X1.25.20MM)						
5	1	1	6I-0217	22	BOLT (M8X1.25X20MM)						
6	1	1	6I-4709	4	BOLT (M8X1.25X100MM)						
7	1	1	194-7158	1	SEAL-O-RING						
8	1	1	7C-0351	1	PLUG-SUMP DRAIN						
9	1	1	237-4092	1	TUBE						
10	1	1	124-7702	1	TUBE AS						
		1	6I-4079	1	NUT						
11	1	1	214-5973	1	GAUGE AS-OIL LEVEL (DIPSTICK)						



# BASIC ENGINE

239-0650 PAN GP-OIL (contd.)

i01997883



GRAPHIC #1

<END>

g01027123



# BASIC ENGINE

## 214-5929 PISTON & ROD GP

S/N: GSN1-UP

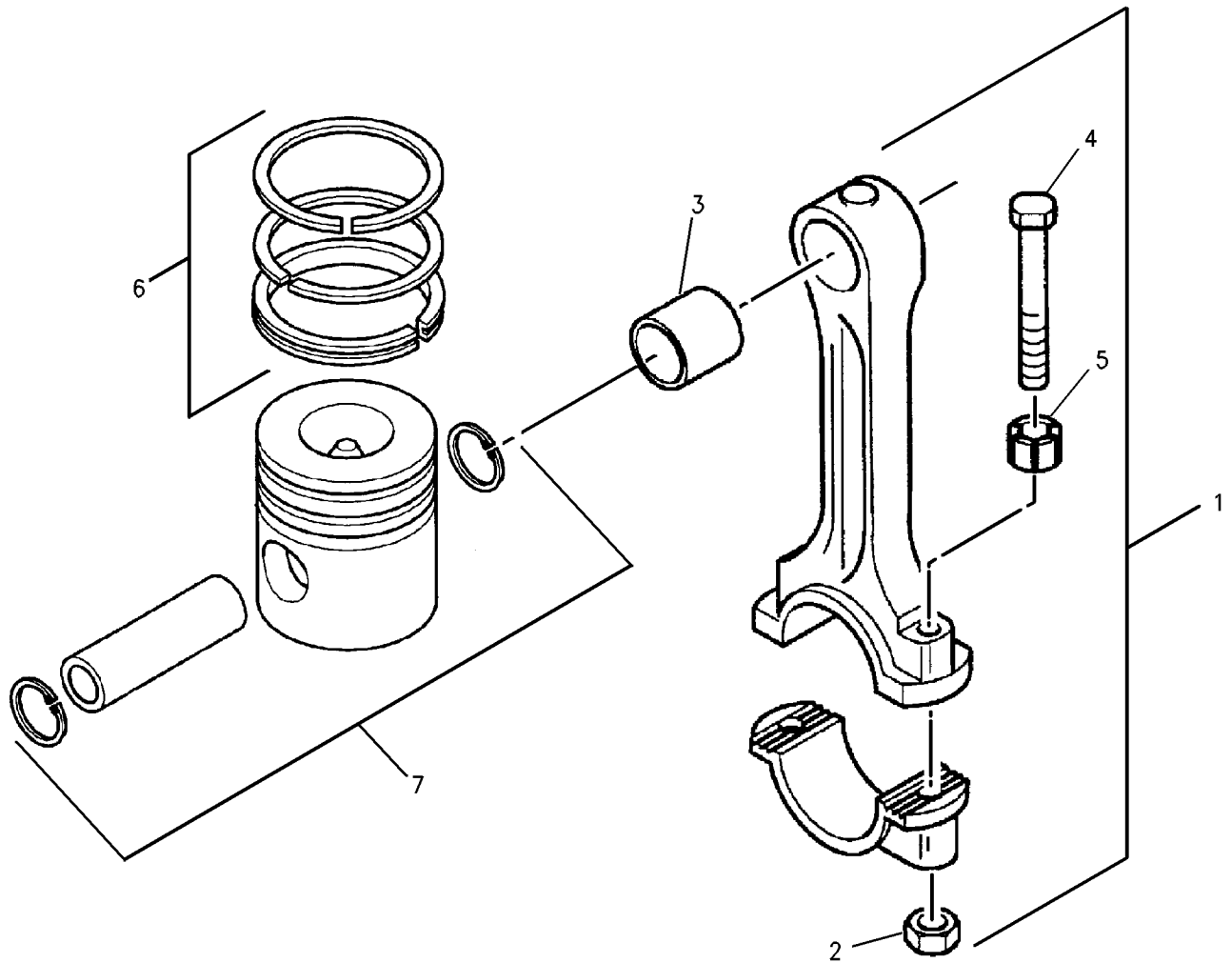
16:1 RATIO

ALSO AN ATTACHMENT

SMCS - 1225

i01648379

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7W-2514	6	ROD AS-CONNECTING						
					(EACH INCLUDES)						
	2	1	7W-2505	2	NUT-CONNECTING ROD						
	3	1	7W-2510	1	BUSHING-CONNECTING ROD						
	4	1	067-6883	2	BOLT-ROD CAP						
	5	1	194-2466	2	DOWEL						
	6	1	112-7020	6	KIT-PISTON RING						
	7	1	176-0824	6	PISTON AS						



GRAPHIC #1

<END>

g00857471





# BASIC ENGINE

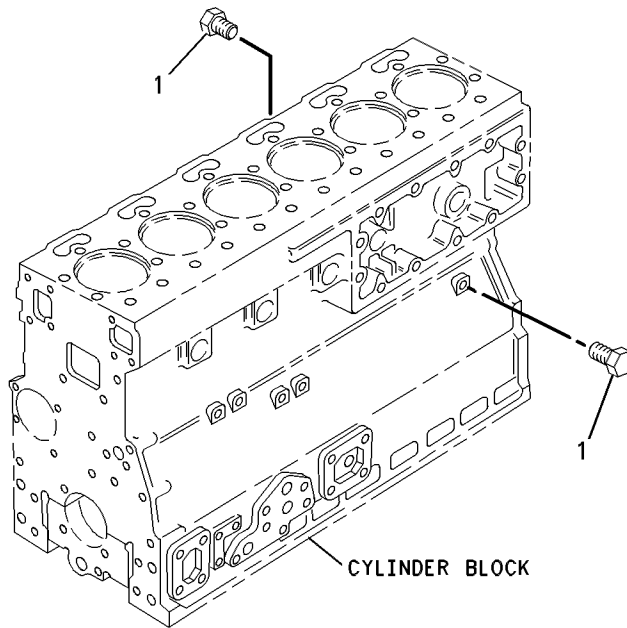
## 147-5524 PLUG GP - CYLINDER BLOCK

S/N: GSN1-UP  
ALSO AN ATTACHMENT

SMCS-1201

i01647676

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	069-1124	2	PLUG						



GRAPHIC #1

<END>

g00282502



# BASIC ENGINE

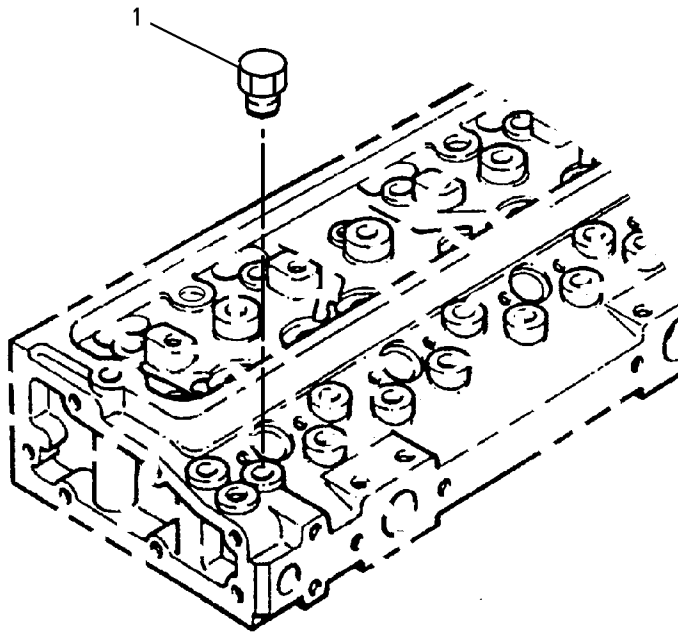
## 198-5801 PLUG GP-CYLINDER HEAD

S/N: GSN1-UP  
ALSO AN ATTACHMENT

SMCS-1100

i01647678

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	067-6044	1	PLUG						



GRAPHIC #1

<END>

g00744995



# BASIC ENGINE

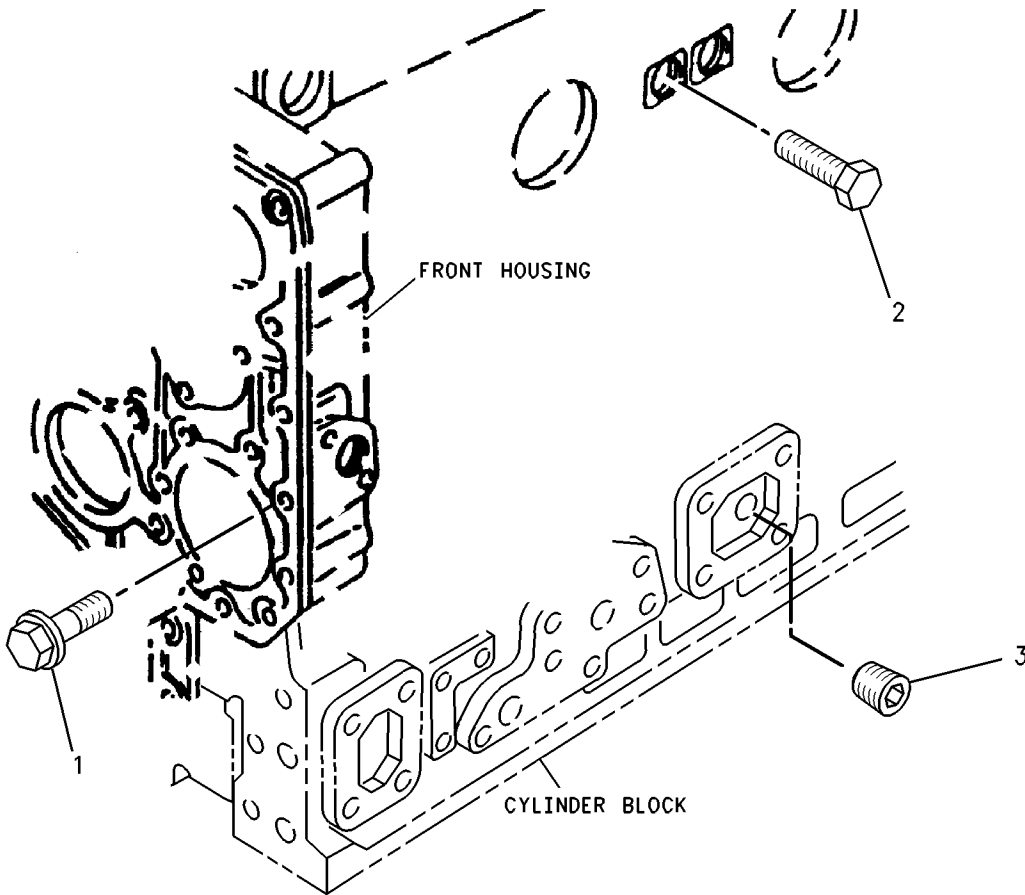
## 198-5807 PLUG GP-ENGINE

S/N: GSN1-UP  
ALSO AN ATTACHMENT

SMCS-1100

i01647679

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-0593	1	BOLT (M10X1.5X30MM)						
	2	1	6I-0646	1	BOLT (M10X1.5X14MM)						
	3	1	7M-7410	1	PLUG (3/8-18 NPTF)						



GRAPHIC #1

<END>

g00759852



# BASIC ENGINE

## 230-9643 PLUG GP-ENGINE

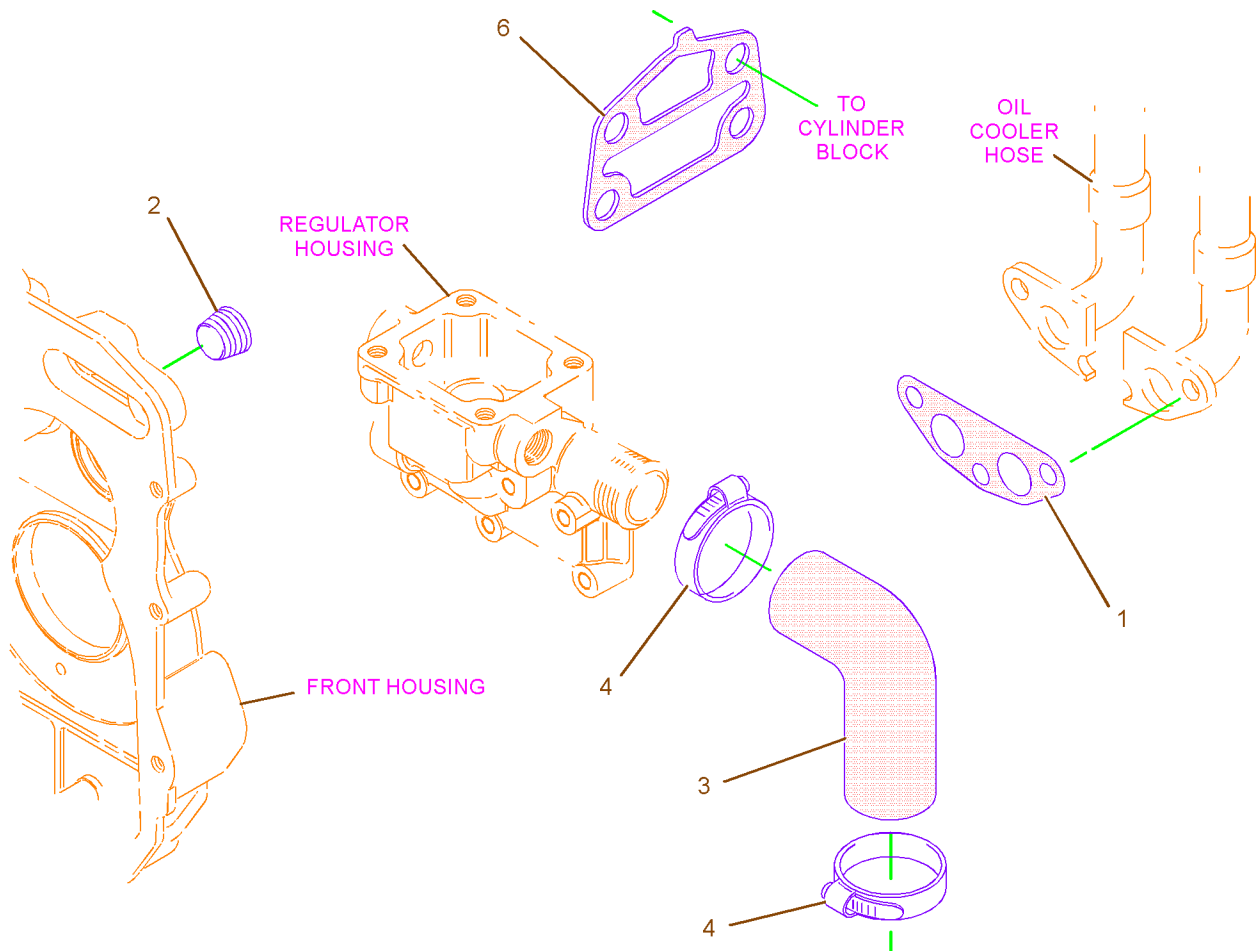
S/N: GSN1-UP

AN ATTACHMENT

SMCS-1100

i01861005

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-4800	1	GASKET						
	2	1	7M-7410	1	PLUG						
	3	1	7W-2623	1	HOSE						
	4	1	064-3058	2	CLAMP-HOSE						
	6	1	141-7842	1	GASKET-CONNECTING						
F		1	100-4463	4	BOLT (M10X1.5X80MM)						
F - NOT SHOWN											



GRAPHIC #1

<END>

g01010908



# BASIC ENGINE

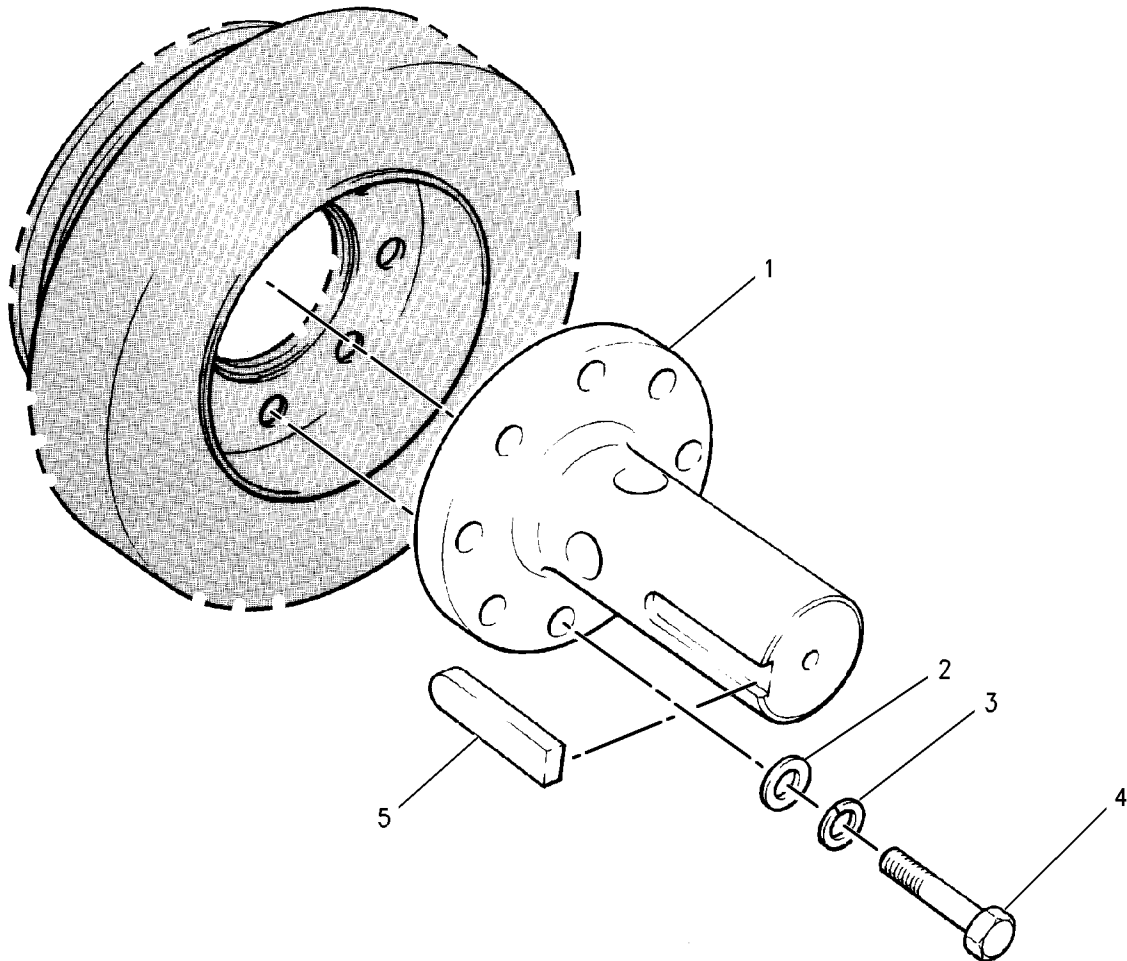
## 198-4118 POWER TAKE-OFF GP

S/N: SNX1-UP  
2IN DIA.  
AN ATTACHMENT

SMCS-1165

i01624266

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	195-4653	1	SHAFT-POWER TAKE-OFF						
	2	1	196-0348	8	WASHER (M12 FLAT)						
	3	1	194-7219	8	LOCKWASHER						
	4	1	195-4649	8	BOLT (M12X45MM)						
	5	1	195-4655	1	KEY						



GRAPHIC #1

<END>

g00748073



# BASIC ENGINE

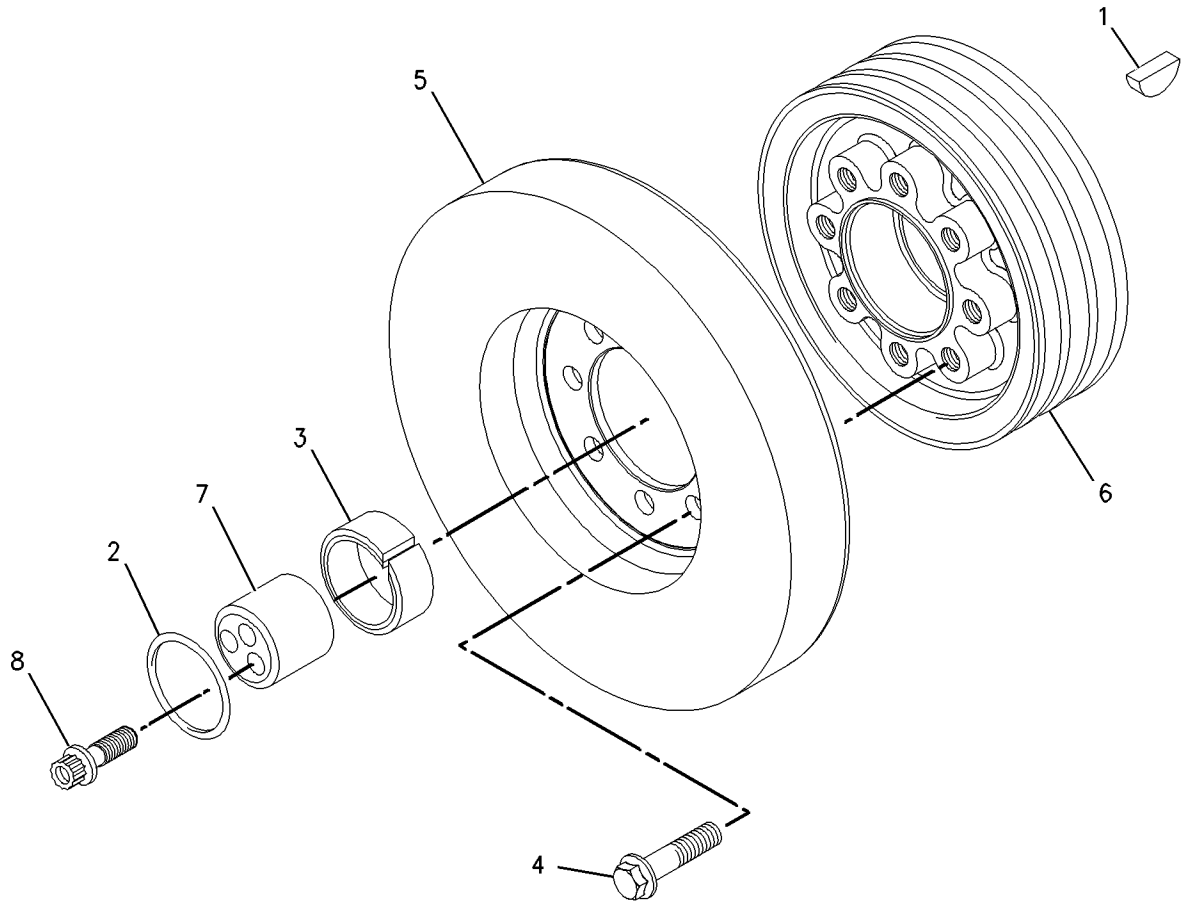
## 216-2414 PULLEY GP - CRANKSHAFT

S/N: GSN1-UP  
ALSO AN ATTACHMENT

SMCS - 1205

i01647701

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-4716	1	KEY						
	2	1	7D-8048	1	SEAL-O-RING						
	3	1	7W-4632	2	LOCK-SPLIT						
	4	1	102-9941	8	BOLT (M12X1.75X25MM)						
	5	1	148-0199	1	DAMPER						
	6	1	216-2427	1	PULLEY						
	7	1	216-2429	1	BLOCK-THRUST						
	8	1	216-2448	3	BOLT						



GRAPHIC #1

<END>

g00857957



# BASIC ENGINE

## 214-5936 VALVE MECHANISM GP

S/N: GSN1-UP

ALSO AN ATTACHMENT

SMCS-1102, 1121, 1123

i01648412

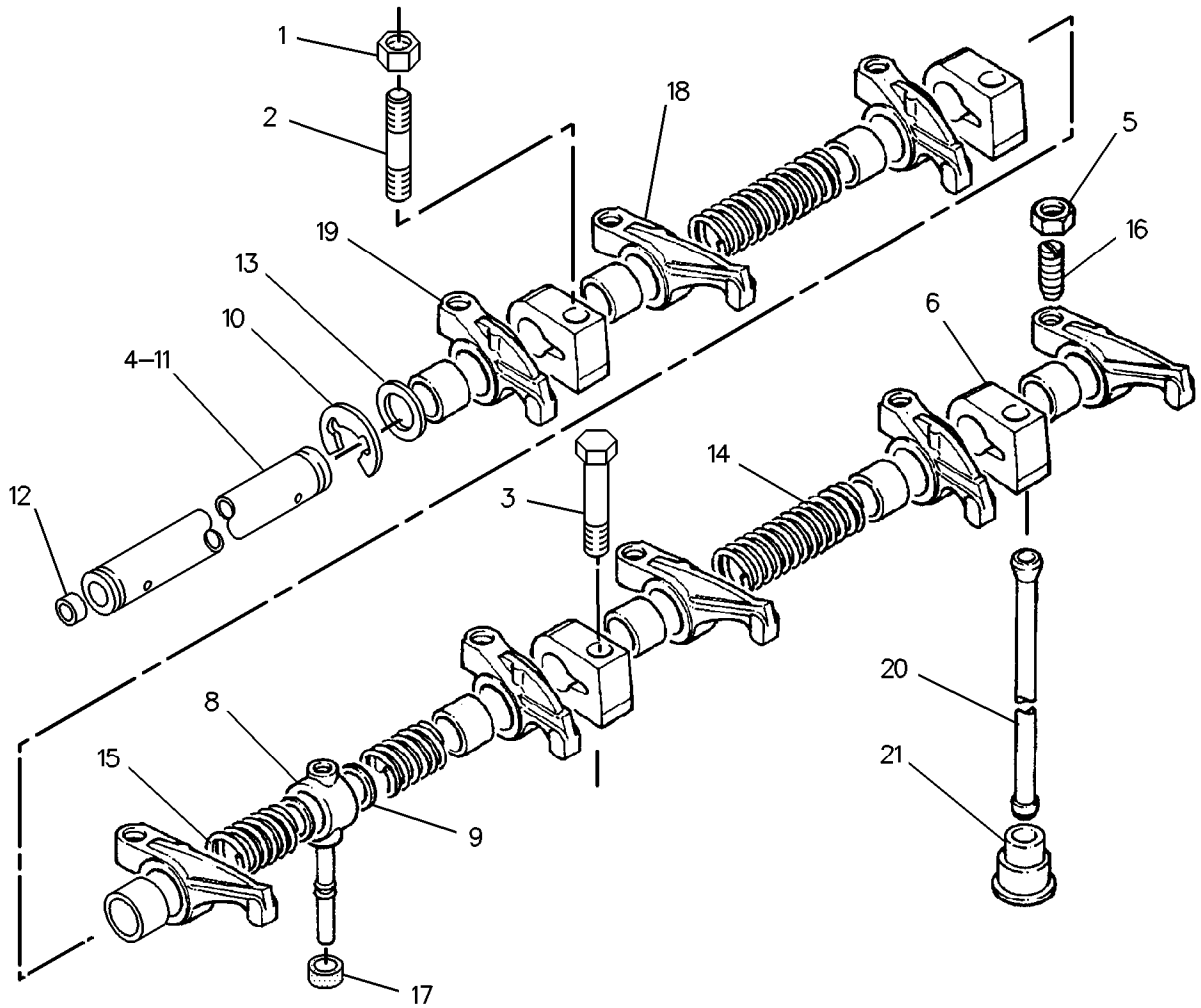
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
1	1	1	6I-0233	4	NUT (M12)						
2	1	1	6I-0234	4	STUD						
3	1	1	6I-0235	2	BOLT (M12X1.75X50MM)						
4	1	1	6I-4326	1	ROCKER ARM AS						
5	1	1	5B-9079	12	NUT-JAM (3/8-24 THD)						
6	1	1	6I-1206	6	BRACKET-SHAFT						
8	1	1	6I-3718	1	CONNECTION-FEED						
9	1	1	195-7004	2	SHIM						
10	1	1	006-8606	2	RING-RETAINING						
11	1	1	6I-4327	1	SHAFT AS						
12	1	1	067-6083	2	PLUG-SHAFT END						
13	1	1	067-6085	2	WASHER						
14	1	1	067-6087	4	SPRING-SHAFT						
15	1	1	067-6088	2	SPRING-SHAFT						
16	1	1	185-1546	8	SCREW						
17	1	1	129-3493	1	FERRULE						
18	1	1	150-1217	6	LEVER AS-LH						
19	1	1	150-1218	6	LEVER AS-RH						
20	1	1	067-6095	12	ROD						
21	1	1	138-2053	12	TAPPET						



# BASIC ENGINE

214-5936 VALVE MECHANISM GP (contd.)

i01648412



GRAPHIC #1

<END>

g00856462





# LUBRICATION SYSTEM

## 210-6423 DRAIN GP - FUMES DISPOSAL ALSO AN ATTACHMENT

SMCS-1317

i01671155

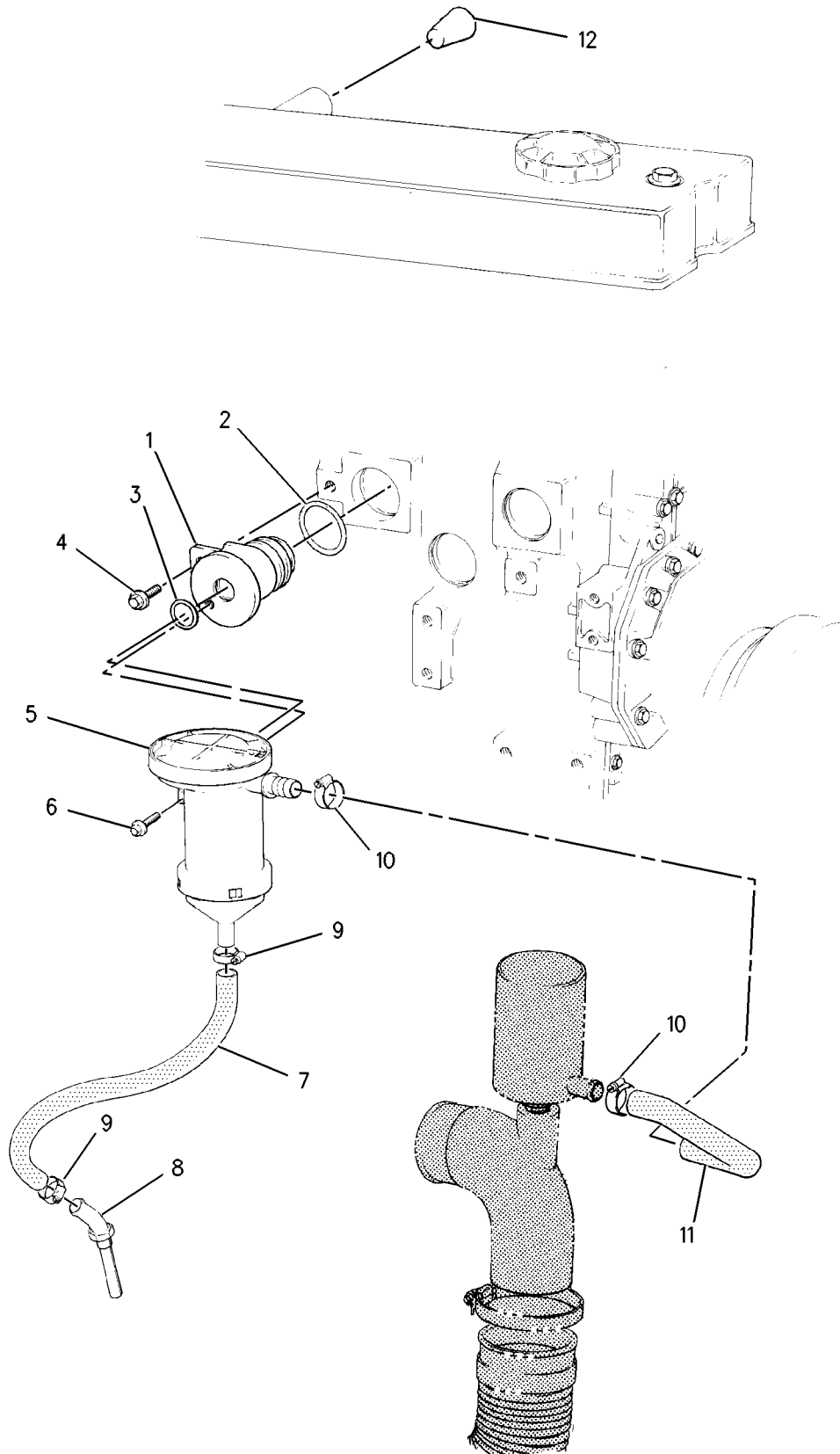
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	210-6632	1	ADAPTER						
	2	1	210-6633	1	SEAL-O-RING						
	3	1	210-6634	1	SEAL-O-RING						
	4	1	124-3815	1	BOLT (M8X16X1.25MM)						
	5	1	210-6635	1	SEPARATOR-OIL						
	6	1	100-4841	1	BOLT (M6X1.0X10MM)						
	7	1	210-6636	1	HOSE (FUMES DISPOSAL)						
	8	1	210-6637	1	TUBE AS						
	9	1	210-6640	2	CLAMP (HOSE)						
	10	1	5D-1026	2	CLAMP-HOSE						
	11	1	210-6641	1	HOSE (FUMES DISPOSAL)						
	12	1	210-6642	1	PLUG						



# LUBRICATION SYSTEM

210-6423 DRAIN GP - FUMES DISPOSAL (contd.)

i01671155



GRAPHIC #1

<END>

g00850606



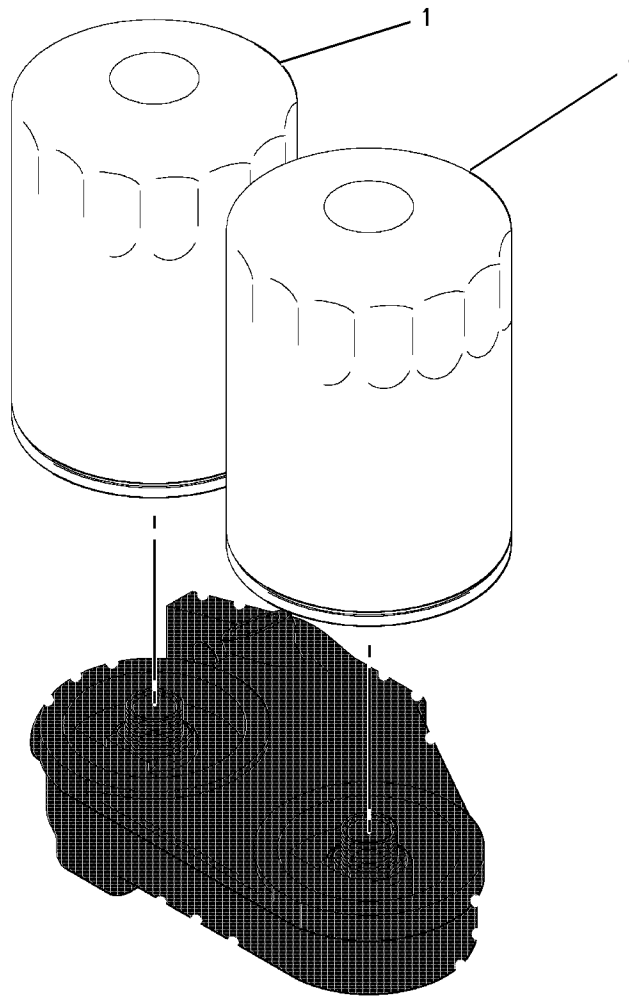
# LUBRICATION SYSTEM

## 210-6583 FILTER GP-ENGINE OIL ALSO AN ATTACHMENT

SMCS-1306, 1308

i01683293

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7W-2327	2	FILTER AS-ENGINE OIL						



GRAPHIC #1

<END>

g00850041



# LUBRICATION SYSTEM

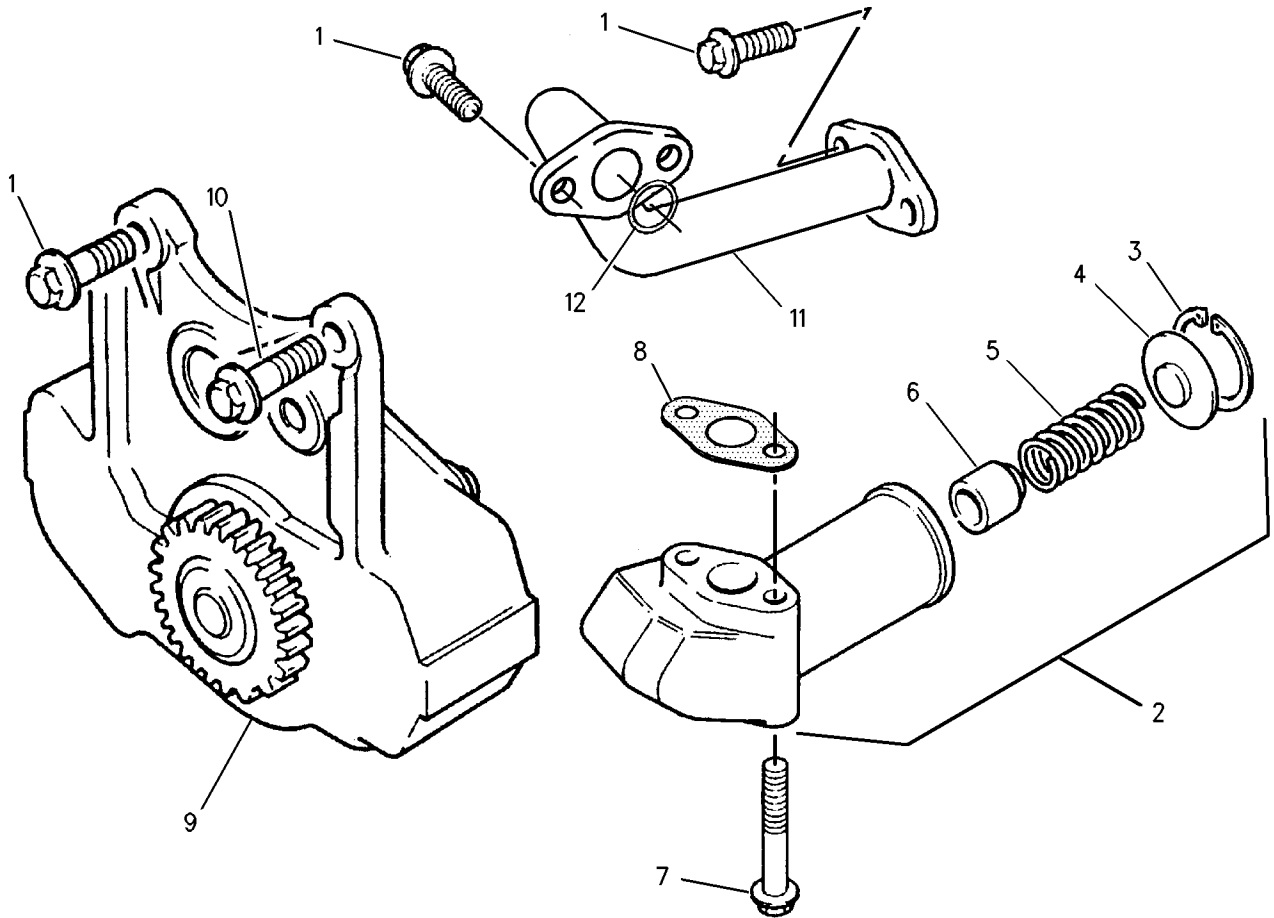
## 214-5956 PUMP GP-ENGINE OIL

S/N: GSN1-UP  
ALSO AN ATTACHMENT

SMCS-1304, 1315

i01647685

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-0260	6	BOLT (M8X1.25X25MM)						
	2	1	6I-4373	1	HOUSING AS						
	3	1	6I-0787	1	RING-RETAINING						
	4	1	7W-4648	1	SEAT-SPRING						
	5	1	7W-4650	1	SPRING						
	6	1	7W-4782	1	PLUNGER						
	7	1	6I-4374	2	BOLT						
	8	1	7W-4655	1	GASKET						
	9	1	100-3717	1	PUMP AS-ENGINE OIL						
	10	1	124-3815	1	BOLT (M8X16X1.25MM)						
	11	1	183-6318	1	TUBE AS						
	12	1	189-5601	1	SEAL-O-RING						



GRAPHIC #1

<END>

g00857650



# LUBRICATION SYSTEM

## 229-3513 PUMP GP-ENGINE OIL-DRAIN

S/N: SNX1-UP  
STEEL TUBE, HAND  
AN ATTACHMENT

SMCS-1304, 1315

i01985199

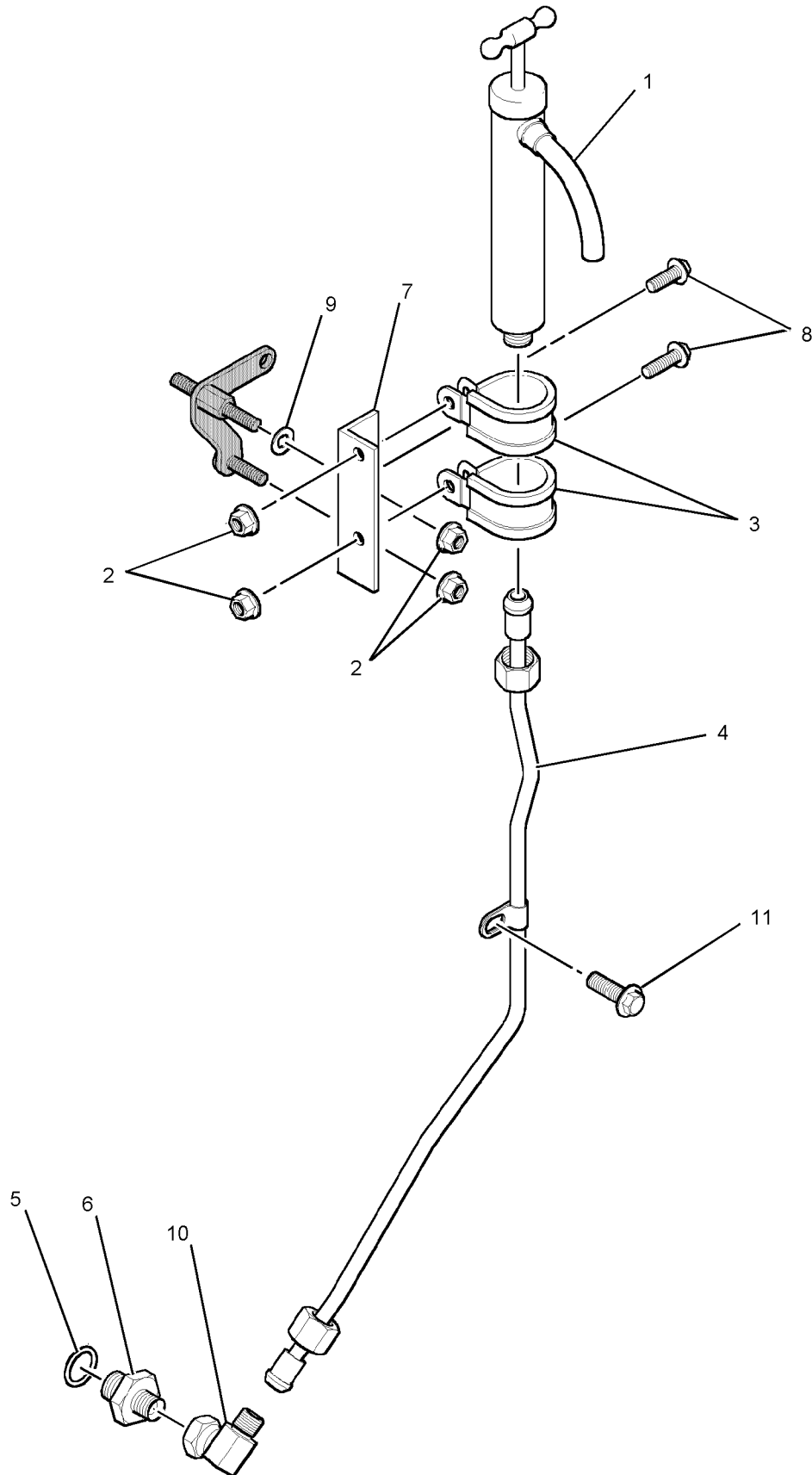
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	193-5170	1	PUMP GP-SUMP						
	2	1	6I-0291	4	NUT (M8X1.25)						
	3	1	193-5192	2	CLIP						
	4	1	229-3517	1	TUBE AS						
	5	1	194-7158	1	SEAL-O-RING						
	6	1	193-5101	1	ADAPTER (3/8X3/4)						
	7	1	210-6789	1	BRACKET						
	8	1	6I-0217	2	BOLT (M8X1.25X20MM)						
	9	1	225-7947	1	WASHER						
	10	1	196-0288	1	ADAPTER						
	11	1	6I-0303	1	BOLT (M10X1.5X30MM)						



# LUBRICATION SYSTEM

229-3513 PUMP GP-ENGINE OIL (contd.)

i01985199



GRAPHIC #1

<END>

g01031377



# LUBRICATION SYSTEM

## 210-6519 PUMP GP-SUMP-DRAIN

S/N: GSN1-121; SNX1-UP

HAND

ALSO AN ATTACHMENT

SMCS-1324

i01633978

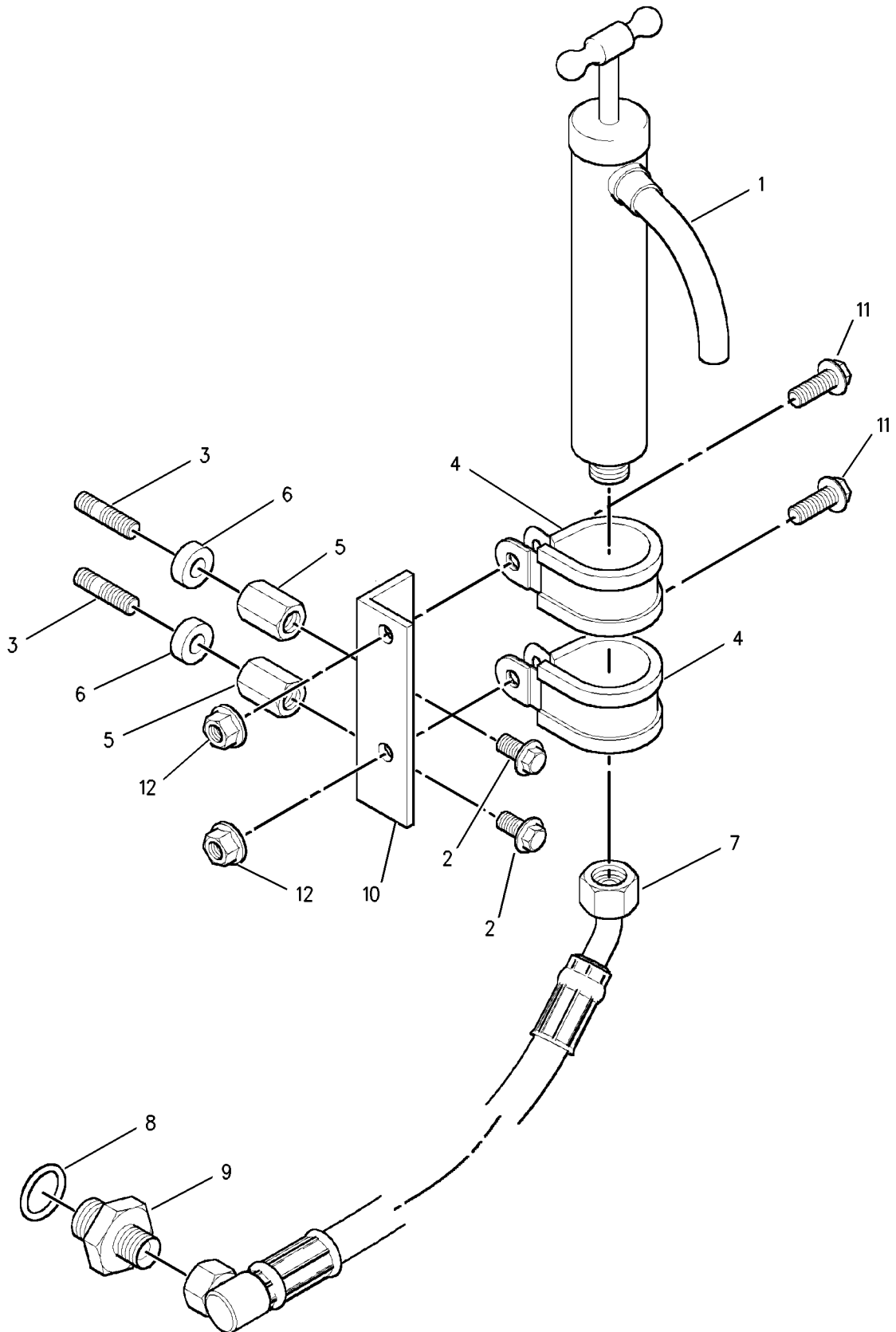
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	193-5170	1	PUMP GP-SUMP						
	2	1	124-3815	2	BOLT (M8X16X1.25MM)						
	3	1	6I-0840	2	STUD (M8X20MM)						
	4	1	193-5192	2	CLIP						
	5	1	194-7161	2	NUT (M8)						
	6	1	5C-1809	2	SPACER (8X19X6.5MM)						
	7	1	210-6788	1	HOSE AS						
	8	1	194-7158	1	SEAL-O-RING						
	9	1	193-5101	1	ADAPTER (3/8X3/4)						
	10	1	210-6789	1	BRACKET						
	11	1	6I-0217	2	BOLT (M8X1.25X20MM)						
	12	1	6I-0291	2	NUT (M8X1.25)						



# LUBRICATION SYSTEM

210-6519 PUMP GP-SUMP (contd.)

i01633978



GRAPHIC #1

<END>

g00856502





# LUBRICATION SYSTEM

## 223-1748 PUMP GP-SUMP-DRAIN

S/N: SNX1-UP

HAND

FOR USE WITH LEVEL SWITCH  
AN ATTACHMENT

SMCS-1324

i01933812

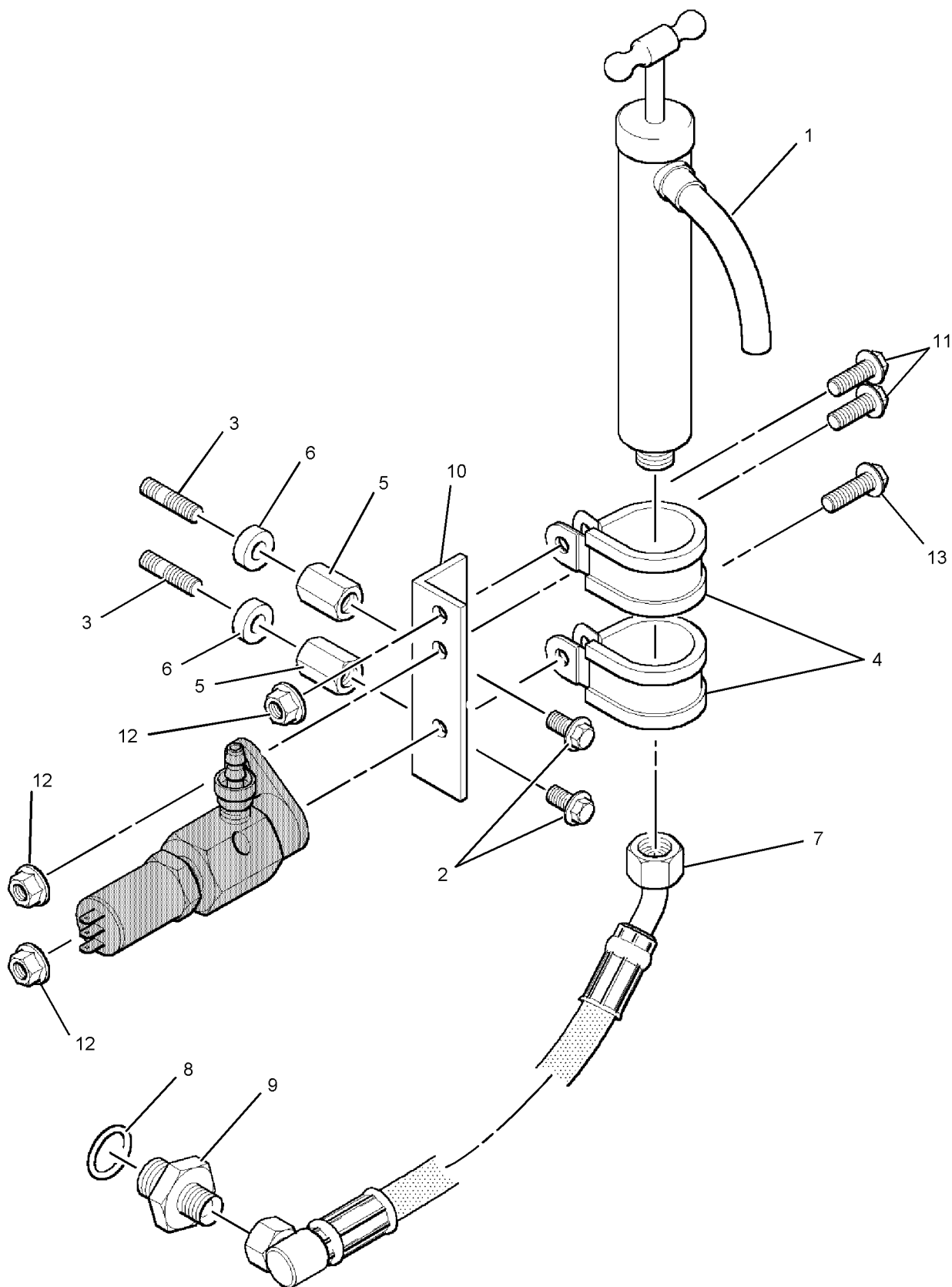
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	193-5170	1	PUMP GP-SUMP (TOP DRAIN, TOP)						
	2	1	124-3815	2	BOLT (M8X16X1.25MM)						
	3	1	6I-0840	2	STUD (M8X20MM)						
	4	1	193-5192	2	CLIP						
	5	1	194-7161	2	NUT (M8)						
	6	1	5C-1809	2	SPACER (8X19X6.5MM)						
	7	1	210-6788	1	HOSE AS						
	8	1	194-7158	1	SEAL-O-RING						
	9	1	193-5101	1	ADAPTER (3/8X3/4)						
	10	1	223-1772	1	BRACKET						
	11	1	6I-0217	2	BOLT (M8X1.25X20MM)						
	12	1	6I-0291	3	NUT (M8X1.25)						
	13	1	6I-0260	1	BOLT (M8X1.25X25MM)						



# LUBRICATION SYSTEM

223-1748 PUMP GP-SUMP (contd.)

i01933812



GRAPHIC #1

<END>

g01029464



# LUBRICATION SYSTEM

## 227-9887 PUMP GP - SUMP

S/N: GSN122-UP  
ALSO AN ATTACHMENT

SMCS - 1324

i01870115

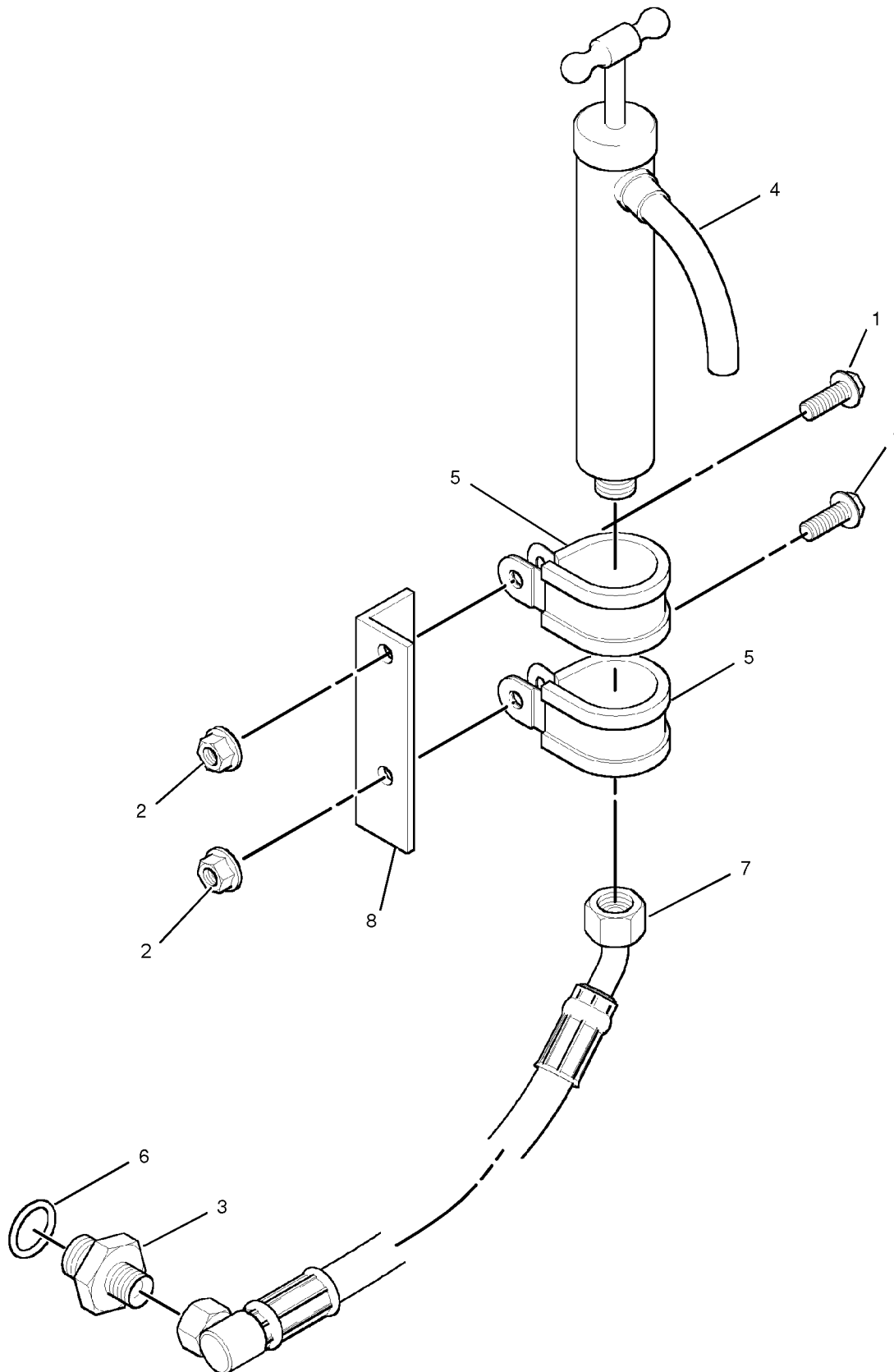
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-0217	2	BOLT (M8X1.25X20MM)						
	2	1	6I-0291	4	NUT (M8X1.25)						
	3	1	193-5101	1	ADAPTER (3/8X3/4)						
	4	1	193-5170	1	PUMP GP - SUMP						
	5	1	193-5192	2	CLIP						
	6	1	194-7158	1	SEAL-O-RING						
	7	1	210-6788	1	HOSE AS						
	8	1	210-6789	1	BRACKET						
	F		225-7947	1	WASHER						
F - NOT SHOWN											



# LUBRICATION SYSTEM

227-9887 PUMP GP-SUMP (contd.)

i01870115



GRAPHIC #1

<END>

g01031900



# LUBRICATION SYSTEM

## 241-4322 PUMP GP-SUMP-DRAIN

S/N: SNX1-UP

STEEL TUBE, HAND

FOR USE WITH LEVEL SWITCH

AN ATTACHMENT

SMCS-1324

i01990364

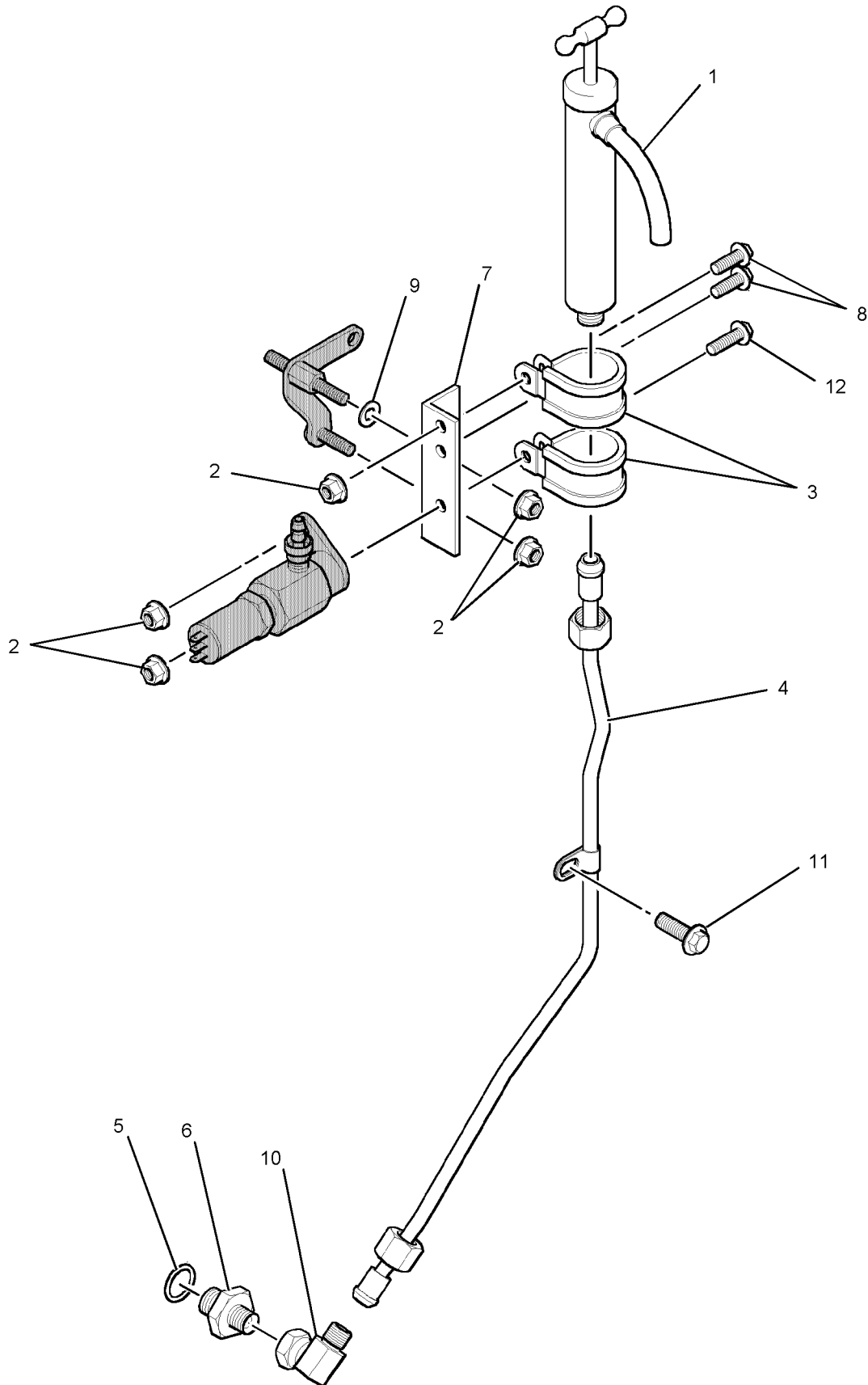
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
1	1	1	193-5170	1	PUMP GP-SUMP (TOP DRAIN, HAND)						
2	1	1	6I-0291	5	NUT (M8X1.25)						
3	1	1	193-5192	2	CLIP						
4	1	1	229-3517	1	TUBE AS						
5	1	1	194-7158	1	SEAL-O-RING						
6	1	1	193-5101	1	ADAPTER (3/8X3/4)						
7	1	1	223-1772	1	BRACKET						
8	1	1	6I-0217	2	BOLT (M8X1.25X20MM)						
9	1	1	225-7947	1	WASHER						
10	1	1	196-0288	1	ADAPTER						
11	1	1	6I-0303	1	BOLT (M10X1.5X30MM)						
12	1	1	6I-0260	1	BOLT (M8X1.25X25MM)						



# LUBRICATION SYSTEM

241 - 4322 PUMP GP - SUMP (contd.)

i01990364



GRAPHIC #1

<END>

g01031242



# COOLING SYSTEM

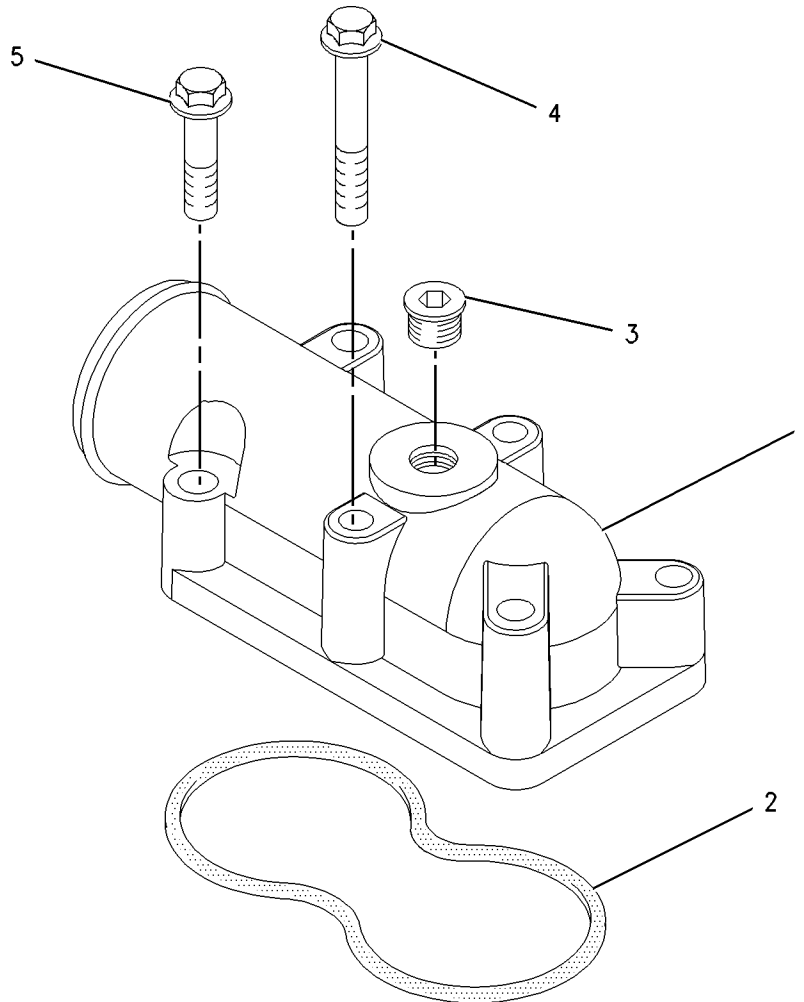
## 214-6076 CONNECTION GP-WATER

S/N: GSN1-UP  
ALSO AN ATTACHMENT

SMCS-1380

i01647693

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	209-3169	1	CONNECTOR AS						
	2	1	131-0456	1	SEAL-O-RING						
	3	1	162-0237	1	PLUG (M8X25MM)						
	4	1	6I-4374	4	BOLT						
	5	1	6I-0456	2	BOLT (M8X1.25X45MM)						



GRAPHIC #1

<END>

g00856354



# COOLING SYSTEM

## 234-2481 COOLER GP-ENGINE OIL

S/N: SNX1-UP

AN ATTACHMENT

SMCS-1378

i01933941

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	6I-0217	1	BOLT (M8X1.25X20MM)						
	6I-0260	3	BOLT (M8X1.25X25MM)						
	124-3815	12	BOLT (M8X16X1.25MM)						
	226-2094	1	BRACKET						
	162-0761	4	FLANGE						
	6I-4800	1	GASKET						
	216-9638	1	GASKET						
	234-2479	1	HOSE AS						
	234-2480	1	HOSE AS (OIL)						
	216-9637	1	HOUSING (OIL COOLER)						
	6I-0291	4	NUT (M8X1.25)						
	162-9754	2	SEAL						
	230-3776	2	SEAL						
	226-2093	1	STUD						

<END>





# COOLING SYSTEM

## 214-5997 COOLER GP-FLTR BASE & ENG OIL

S/N: GSN1-121  
ALSO AN ATTACHMENT

SMCS-1306, 1378

i01748507

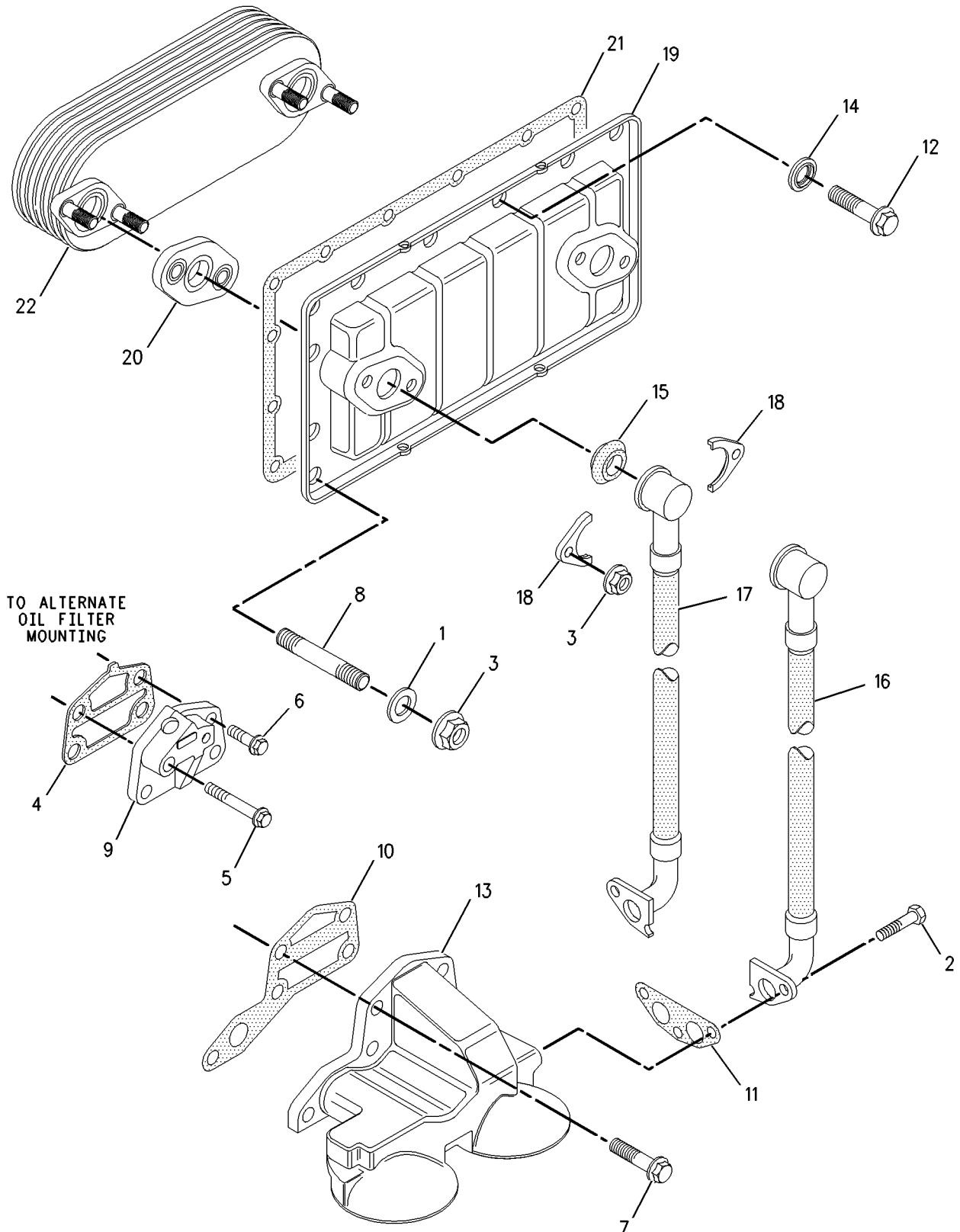
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
1	1		5C-1809	4	SPACER (8X19X6.5MM)						
2	1		6I-0260	3	BOLT (M8X1.25X25MM)						
3	1		6I-0291	8	NUT (M8X1.25)						
4	1		6I-0298	1	GASKET						
5	1		6I-0301	1	BOLT (M10X45)						
6	1		6I-0302	3	BOLT (M10X1.5X25MM)						
7	1		6I-0654	5	BOLT (M10X1.5X25MM)						
8	1		6I-0840	4	STUD (M8X20MM)						
9	1		6I-1052	1	ADAPTER						
10	1		6I-4786	1	GASKET						
11	1		6I-4800	1	GASKET						
12	1		111-8222	12	BOLT						
13	1		121-3415	1	HEAD AS-OIL FILTER						
14	1		160-0162	12	WASHER						
15	1		162-0757	2	SEAL						
16	1		219-7539	1	LINE						
17	1		219-1817	1	LINE						
18	1		162-0761	4	FLANGE						
19	1		162-0764	1	HOUSING						
20	1		162-9754	2	SEAL						
21	1		165-6690	1	GASKET						
22	1		175-3915	1	COOLER-OIL						



# COOLING SYSTEM

214-5997 COOLER GP-FLTR BASE & ENG OIL (contd.)

i01748507



GRAPHIC #1

<END>

g00858308



# COOLING SYSTEM

## 214-5997 COOLER GP-FLTR BASE & ENG OIL

S/N: GSN122-130  
ALSO AN ATTACHMENT

SMCS-1306, 1378

i01939393

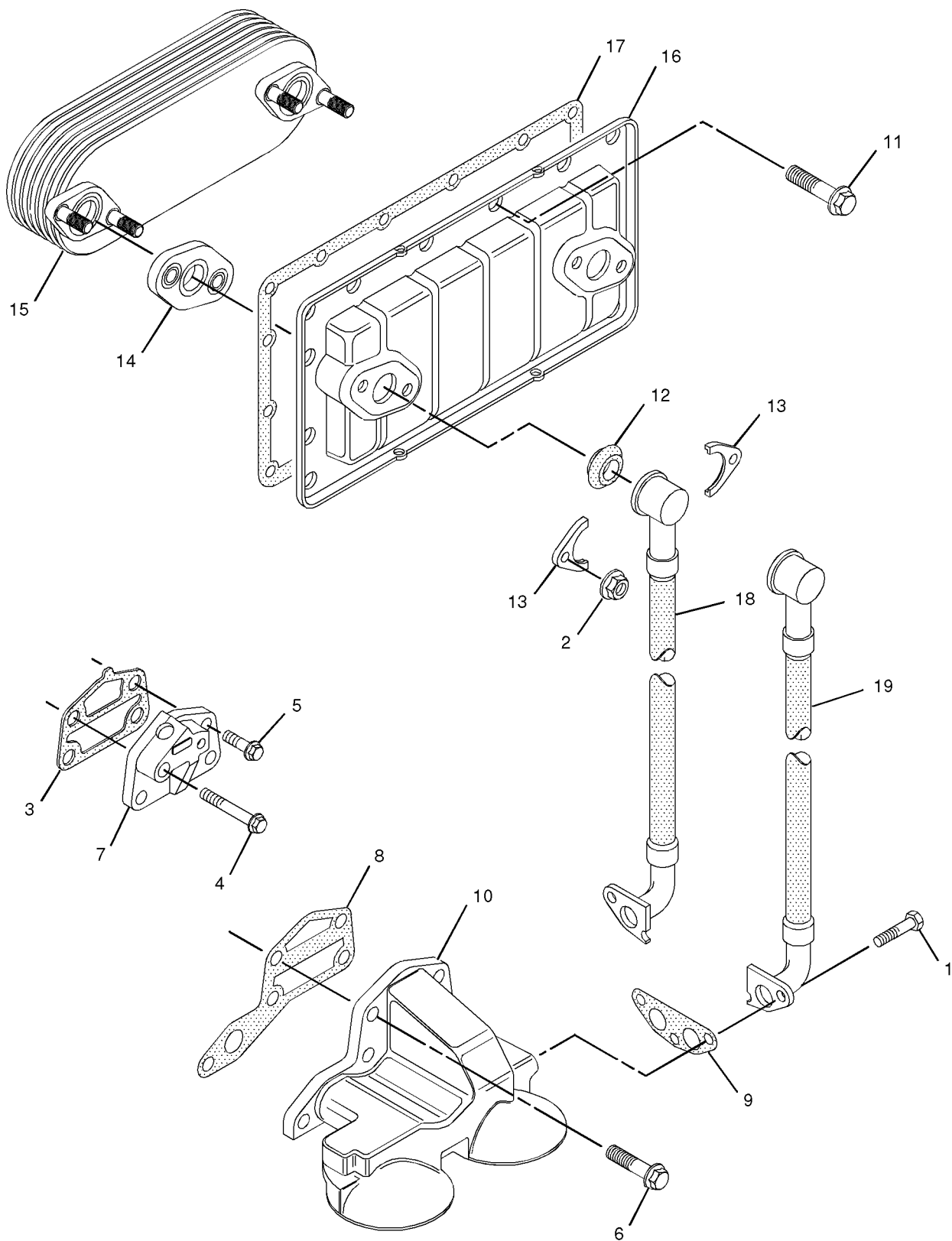
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-0260	3	BOLT (M8X1.25X25MM)						
	2	1	6I-0291	4	NUT (M8X1.25)						
	3	1	6I-0298	1	GASKET						
	4	1	6I-0301	1	BOLT (M10X45)						
	5	1	6I-0302	3	BOLT (M10X1.5X25MM)						
	6	1	6I-0654	5	BOLT (M10X1.5X25MM)						
	7	1	6I-1052	1	ADAPTER						
	8	1	6I-4786	1	GASKET						
	9	1	6I-4800	1	GASKET						
	10	1	121-3415	1	HEAD AS-OIL FILTER						
	11	1	124-3815	14	BOLT (M8X16X1.25MM)						
	12	1	162-0757	2	SEAL						
	13	1	162-0761	4	FLANGE						
	14	1	162-9754	2	SEAL						
	15	1	175-3915	1	COOLER-OIL						
	16	1	216-9637	1	HOUSING						
	17	1	216-9638	1	GASKET						
	18	1	219-1817	1	LINE						
	19	1	219-7539	1	LINE						



# COOLING SYSTEM

214-5997 COOLER GP-FLTR BASE & ENG OIL (contd.)

i01939393



GRAPHIC #1

<END>

g01032172



# COOLING SYSTEM

## 214-5997 COOLER GP-FLTR BASE & ENG OIL

S/N: GSN131-UP  
ALSO AN ATTACHMENT

SMCS-1306, 1378

i01939394

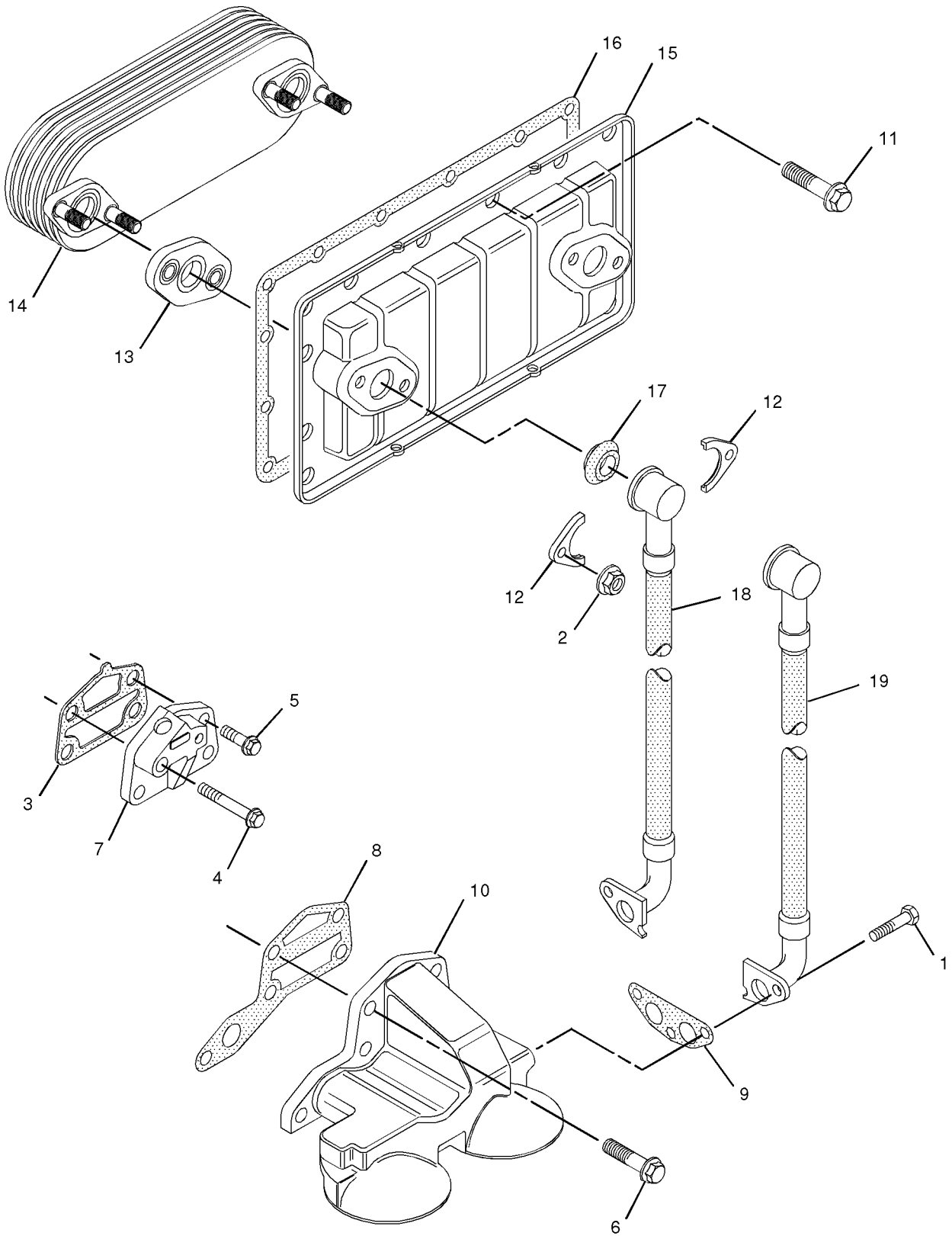
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-0260	3	BOLT (M8X1.25X25MM)						
	2	1	6I-0291	4	NUT (M8X1.25)						
	3	1	6I-0298	1	GASKET						
	4	1	6I-0301	1	BOLT (M10X45)						
	5	1	6I-0302	3	BOLT (M10X1.5X25MM)						
	6	1	6I-0654	5	BOLT (M10X1.5X25MM)						
	7	1	6I-1052	1	ADAPTER						
	8	1	6I-4786	1	GASKET						
	9	1	6I-4800	1	GASKET						
	10	1	121-3415	1	HEAD AS-OIL FILTER						
	11	1	124-3815	14	BOLT (M8X16X1.25MM)						
	12	1	162-0761	4	FLANGE						
	13	1	162-9754	2	SEAL						
	14	1	175-3915	1	COOLER-OIL						
	15	1	216-9637	1	HOUSING (COOLER)						
	16	1	216-9638	1	GASKET (HOUSING)						
	17	1	230-3776	2	SEAL						
	18	1	230-3779	1	HOSE AS (OIL)						
	19	1	230-3778	1	HOSE AS (OIL)						



# COOLING SYSTEM

214-5997 COOLER GP-FLTR BASE & ENG OIL (contd.)

i01939394



GRAPHIC #1

<END>

g01032179



# COOLING SYSTEM

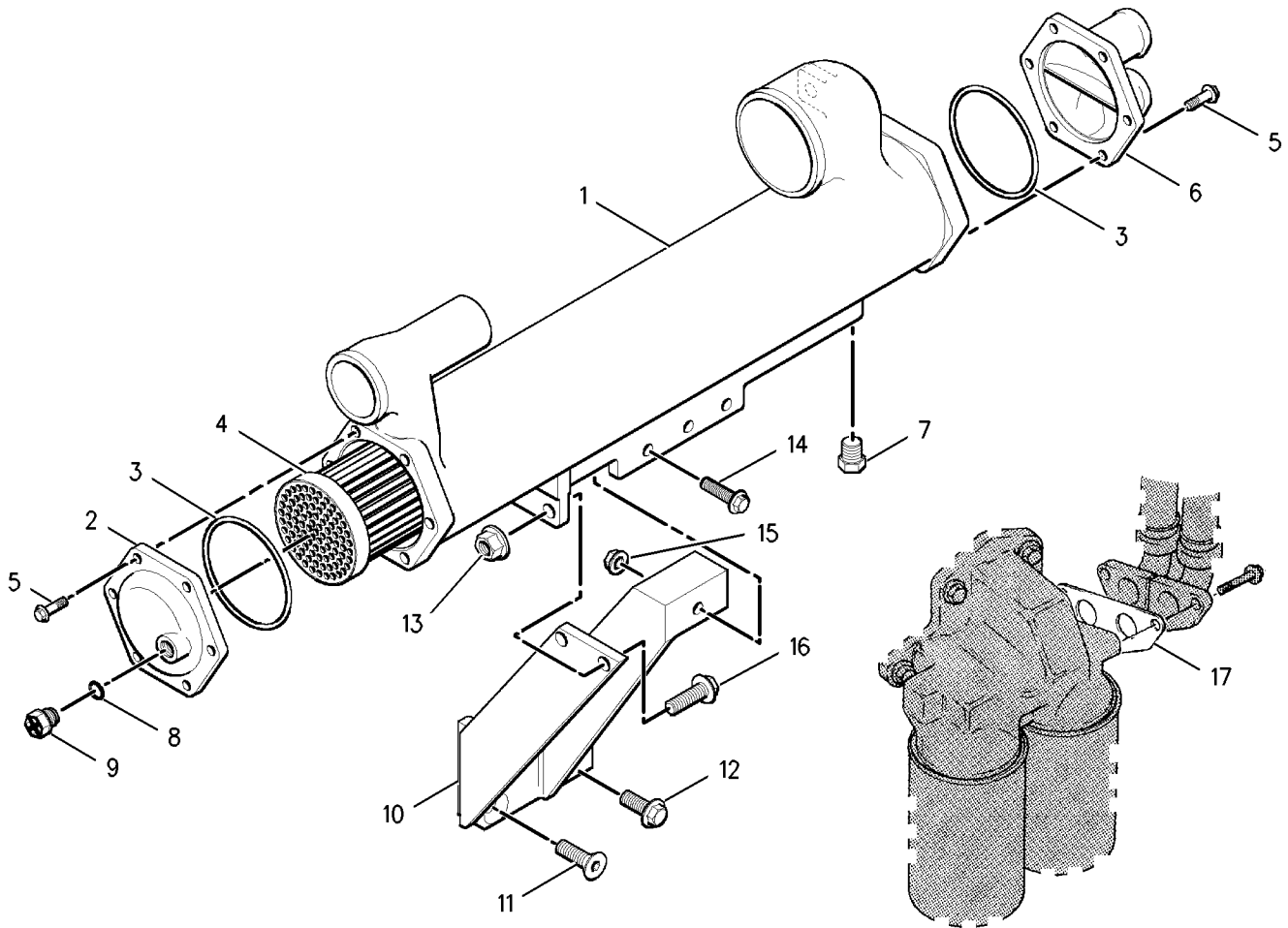
## 210-6521 HEAT EXCHANGER GP-SEA WATER

ALSO AN ATTACHMENT

SMCS-1379

i01633979

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	196-7663	1	HOUSING GP-HEAT EXCHANGER						
	2	1	196-7661	1	CAP AS-END						
	3	1	194-7227	2	SEAL-O-RING						
	4	1	196-7692	1	BUNDLE AS-TUBE						
	5	1	6I-0917	12	BOLT (M6X1.0X25MM)						
	6	1	196-7662	1	CAP-END						
	7	1	194-7226	1	PLUG (1/4IN)						
	8	1	214-7654	1	SEAL-O-RING						
	9	1	203-9845	1	PLUG (1/4)						
	10	1	210-6790	1	BRACKET						
	11	1	196-7652	2	BOLT (M10X25MM)						
	12	1	6I-0654	2	BOLT (M10X1.5X25MM)						
	13	1	6I-0594	2	NUT (M10X1.5)						
	14	1	6I-0254	1	BOLT (M8X1.25X30MM)						
	15	1	6I-0291	1	NUT (M8X1.25)						
	16	1	6I-0593	2	BOLT (M10X1.5X30MM)						
	17	1	6I-4800	1	GASKET						



GRAPHIC #1

<END>

g00855926



# COOLING SYSTEM

## 198-4194 LINES GP-WATER

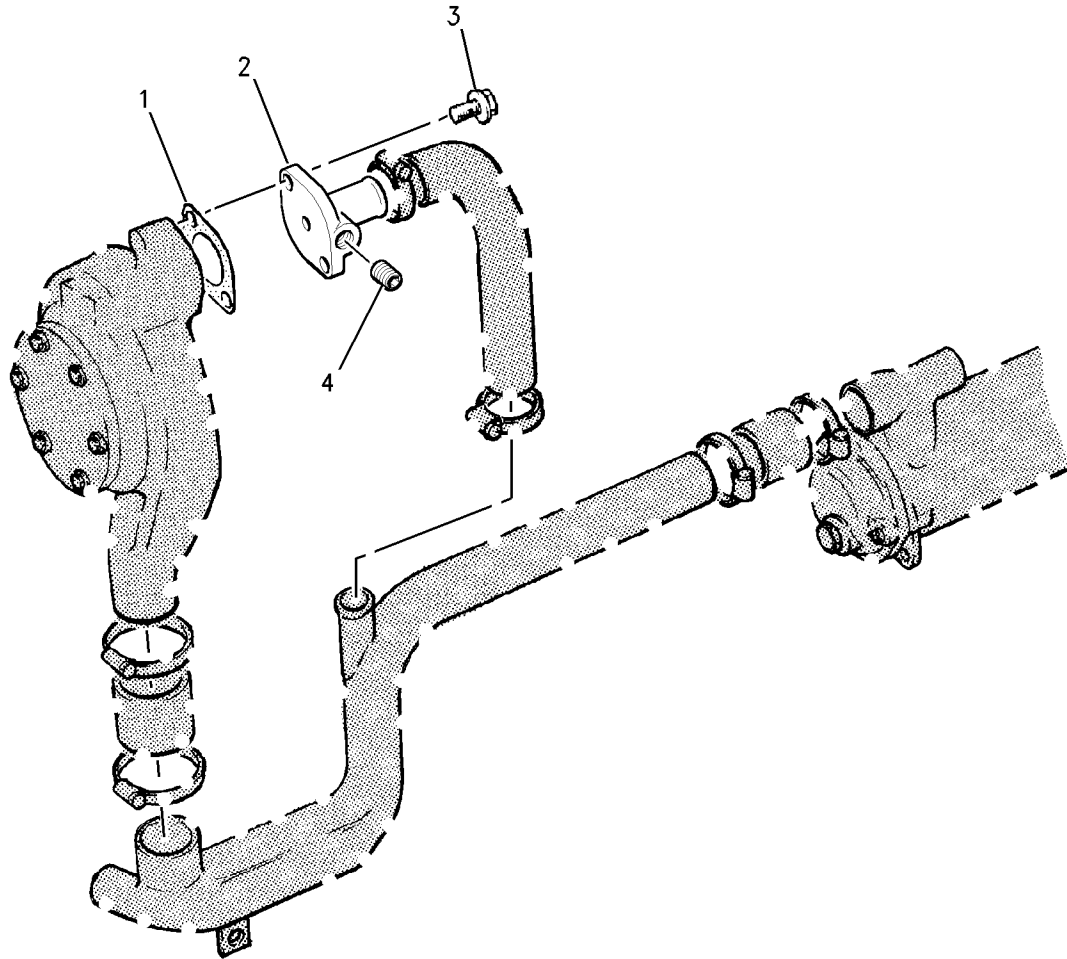
FRESH WATER WITH BY-PASS ADAPTOR

ALSO AN ATTACHMENT

SMCS-1380

i01624312

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	196-0326	1	GASKET - FLANGE						
	2	1	196-0304	1	FLANGE						
	3	1	6I-0260	2	BOLT (M8X1.25X25MM)						
	4	1	195-4708	1	PLUG (3/8IN)						



GRAPHIC #1

<END>

g00753760





# COOLING SYSTEM

## 210-6523 LINES GP-WATER

RAW WATER

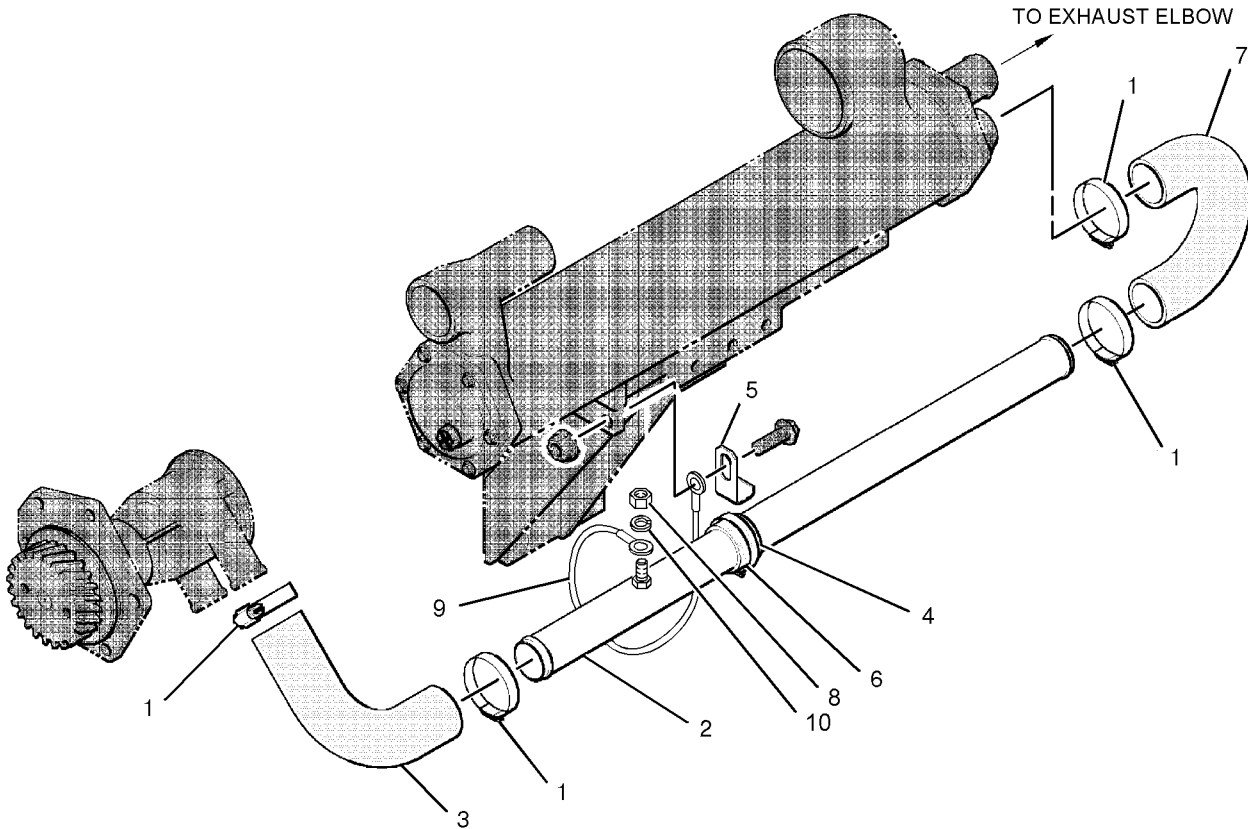
FOR USE WITH HEAT EXCHANGER, 210-6557-PAGE 131  
ALSO AN ATTACHMENT

SMCS-1380

i01748311

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9M-2904	4	CLAMP - HOSE						
	2	1	210-6794	1	TUBE						
	3	1	210-6795	1	HOSE						
E	4	1	5P-1253		HOSE (3CM)						
	5	1	210-6797	1	BRACKET						
	6	1	124-6259	1	CLAMP - HOSE						
	7	1	210-6798	1	HOSE						
M	8	1	3C-3681	1	NUT (M6)						
	9	1	196-0278	1	WIRE AS						
	10	1	194-7184	1	LOCKWASHER						

E- ORDER BY THE CENTIMETER  
M- METRIC PART



GRAPHIC #1

<END>

g01031957



# COOLING SYSTEM

## 210-6524 LINES GP-WATER

FOR USE WITH HEAT EXCHANGER

ALSO AN ATTACHMENT

SMCS-1380

i01998339

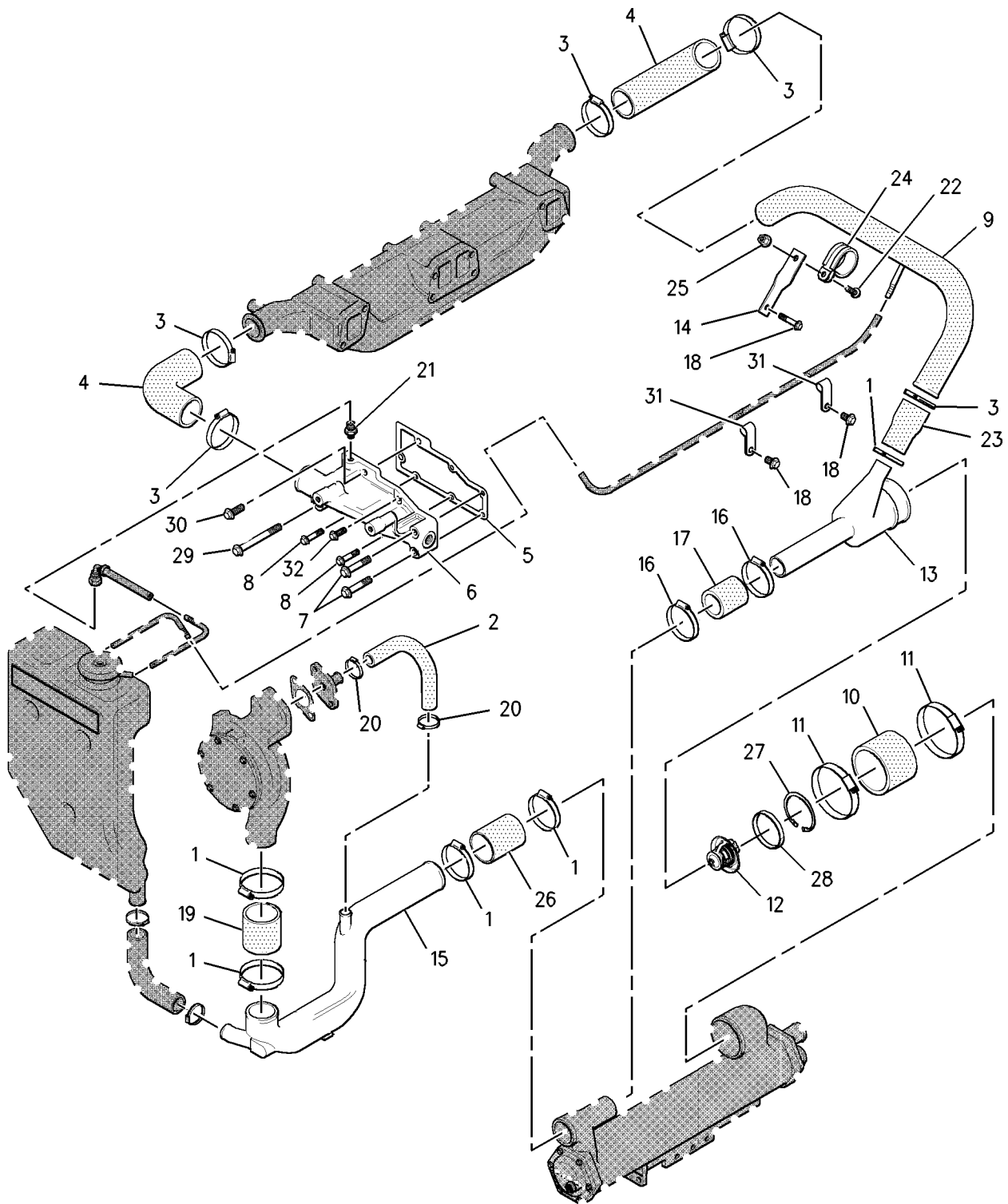
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
1	1	1	9M-0164	5	CLAMP-HOSE						
2	1	1	210-6837	1	HOSE						
3	1	1	124-6260	5	CLAMP-HOSE						
4	1	1	203-9866	2	HOSE						
5	1	1	6I-0453	1	GASKET						
6	1	1	194-7179	1	CONNECTOR-WATER						
7	1	1	101-7178	2	BOLT (M10X55MM)						
8	1	1	6I-1090	2	BOLT (M8X1.25X40MM)						
9	1	1	210-6851	1	TUBE AS						
10	1	1	193-5118	1	HOSE						
11	1	1	9M-7959	2	CLAMP-HOSE						
12	1	1	194-7150	1	REGULATOR AS (80 DEG C) (WATER TEMPERATURE)						
13	1	1	193-5102	1	HOUSING						
14	1	1	193-5103	1	BRACKET-SUPPORT						
15	1	1	210-6848	1	TUBE AS						
16	1	1	9M-2904	2	CLAMP-HOSE						
17	1	1	193-5119	1	HOSE						
18	1	1	6I-4200	3	BOLT (M10X1.5X16MM)						
19	1	1	193-5121	1	HOSE						
20	1	1	5D-1026	2	CLAMP-HOSE						
21	1	1	210-6852	1	ADAPTER						
22	1	1	6I-0217	1	BOLT (M8X1.25X20MM)						
23	1	1	210-6853	1	HOSE-REDUCER						
24	1	1	193-5193	1	CLIP						
25	1	1	6I-0291	1	NUT (M8X1.25)						
26	1	1	193-5115	1	HOSE						
27	1	1	193-5152	1	RING-RETAINING (WATER TEMPERATURE REGULATOR)						
28	1	1	193-5111	1	SPACER (WATER TEMPERATURE REGULATOR)						
29	1	1	103-0050	1	BOLT (M10X100MM)						
30	1	1	6I-0593	1	BOLT (M10X1.5X30MM)						
31	1	1	199-1186	2	CLIP						
32	1	1	6I-0260	1	BOLT (M8X1.25X25MM)						



# COOLING SYSTEM

210-6524 LINES GP-WATER (contd.)

i01998339



GRAPHIC #1

<END>

g00854179



# COOLING SYSTEM

## 214-2408 LINES GP-WATER

FOR USE WITH KEEL COOLED ENGINE, 210-6503-PAGE 139, 216-9033-PAGE 20  
ALSO AN ATTACHMENT

SMCS-1380

i01995470

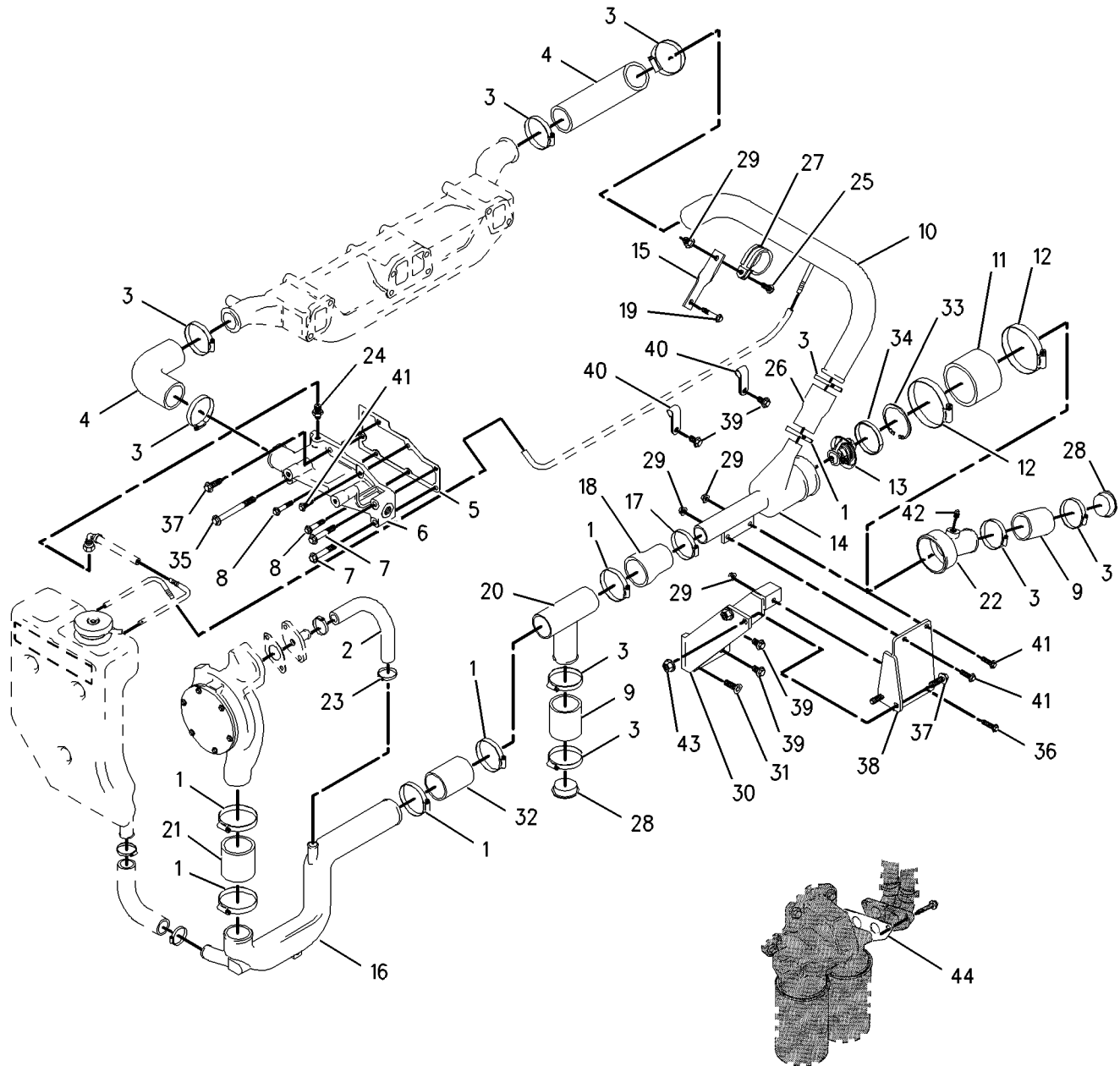
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	9M-0164	5	CLAMP-HOSE						
	2	1	210-6837	1	HOSE						
	3	1	124-6260	9	CLAMP-HOSE						
	4	1	203-9866	2	HOSE						
	5	1	6I-0453	1	GASKET						
	6	1	194-7179	1	CONNECTOR-WATER						
	7	1	101-7178	2	BOLT (M10X55MM)						
	8	1	6I-1090	2	BOLT (M8X1.25X40MM)						
	9	1	193-5116	2	HOSE						
	10	1	210-6851	1	TUBE AS						
	11	1	193-5118	1	HOSE						
	12	1	9M-7959	2	CLAMP-HOSE						
	13	1	194-7150	1	REGULATOR AS (80 DEG C) (WATER TEMPERATURE)						
	14	1	194-7204	1	HOUSING (THERMOSTAT)						
	15	1	193-5103	1	BRACKET-SUPPORT						
	16	1	210-6848	1	TUBE AS						
	17	1	9M-2904	1	CLAMP-HOSE						
	18	1	194-7201	1	HOSE-REDUCER						
	19	1	6I-4200	1	BOLT (M10X1.5X16MM)						
	20	1	194-7200	1	TEE						
	21	1	193-5121	1	HOSE						
	22	1	194-7199	1	CAP-END (THERMOSTAT HOUSING)						
	23	1	5D-1026	2	CLAMP-HOSE						
	24	1	210-6852	1	ADAPTER						
	25	1	6I-0217	1	BOLT (M8X1.25X20MM)						
	26	1	210-6853	1	HOSE-REDUCER						
	27	1	193-5193	1	CLIP						
	28	1	193-5146	2	CAP (PLUG-THERMOSTAT)						
	29	1	6I-0291	4	NUT (M8X1.25)						
	30	1	210-6790	1	BRACKET						
	31	1	196-7652	1	BOLT (M10X25MM)						
	32	1	193-5115	1	HOSE						
	33	1	084-4036	1	CLIP-INTERNAL (WATER TEMPERATURE REGULATOR)						
	34	1	193-5111	1	SPACER (WATER TEMPERATURE REGULATOR)						
	35	1	103-0050	1	BOLT (M10X100MM)						
	36	1	6I-0254	1	BOLT (M8X1.25X30MM)						
	37	1	6I-0593	3	BOLT (M10X1.5X30MM)						
	38	1	213-1934	1	BRACKET						
	39	1	6I-0654	2	BOLT (M10X1.5X25MM)						
	40	1	199-1186	2	CLIP						
	41	1	6I-0260	3	BOLT (M8X1.25X25MM)						
	42	1	035-8063	1	PLUG						
	43	1	6I-0594	2	NUT (M10X1.5)						
	44	1	6I-4800	1	GASKET						



# COOLING SYSTEM

214-2408 LINES GP-WATER (contd.)

i01995470



GRAPHIC #1

<END>

g00857424



# COOLING SYSTEM

## 214-4134 LINES GP-WATER

S/N: SNX1-UP

FOR USE WITH HEAT EXCHANGER , SINGLE STARTER, 213-6970-PAGE 245,  
213-6971-PAGE 246

AN ATTACHMENT

SMCS-1380

i01642391

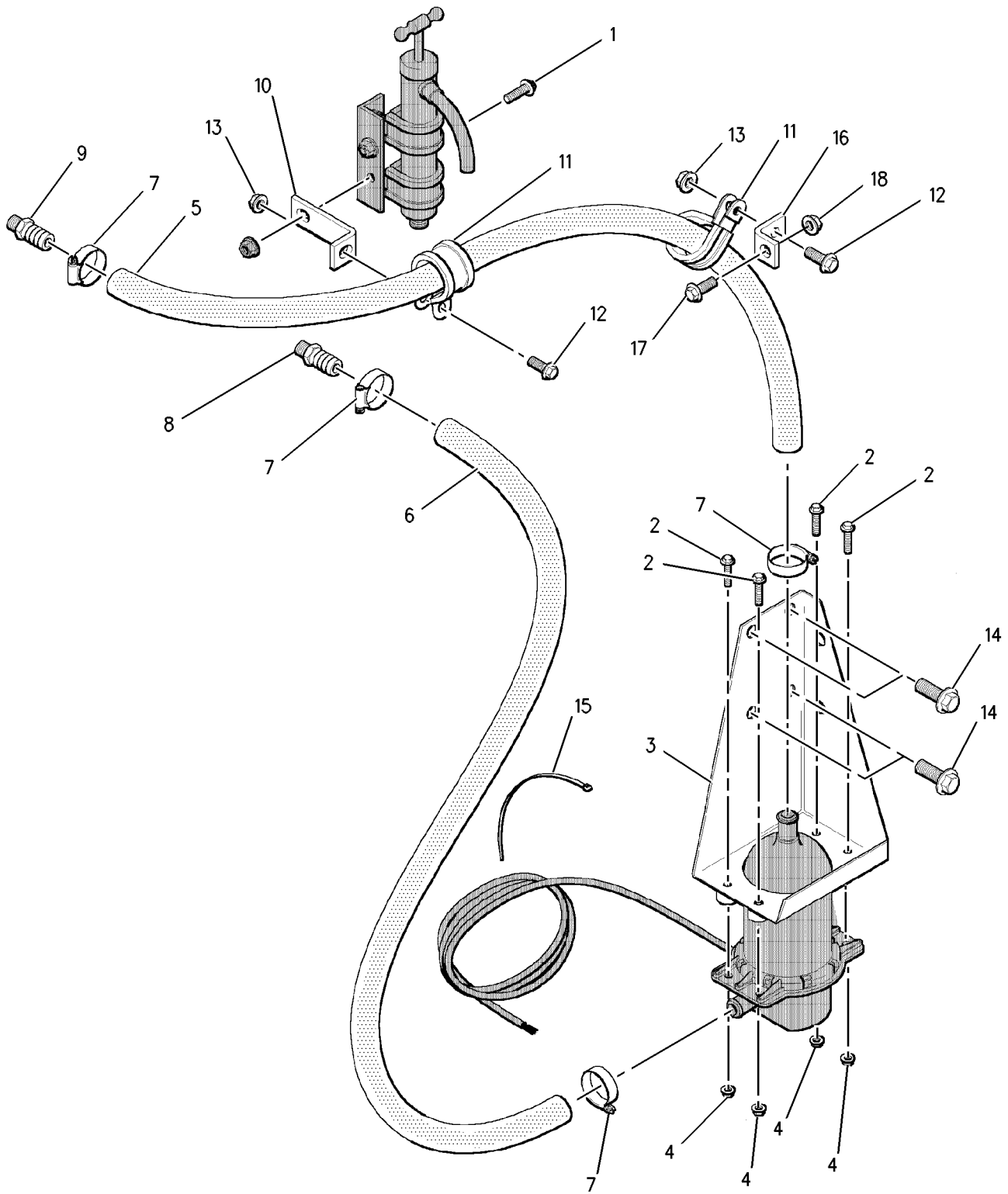
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-0260	1	BOLT (M8X1.25X25MM)						
	2	1	6I-0917	4	BOLT (M6X1.0X25MM)						
	3	1	214-0694	1	BRACKET						
	4	1	6I-0918	4	NUT (M6)						
	5	1	214-4132	1	HOSE (.016X1.0M)						
	6	1	214-0696	1	HOSE (.016X0.5M)						
	7	1	5D-1026	4	CLAMP-HOSE						
	8	1	214-0697	1	ADAPTER						
	9	1	214-4131	1	ADAPTER						
	10	1	210-6749	1	BRACKET						
	11	1	214-0699	2	CLIP						
	12	1	6I-0217	2	BOLT (M8X1.25X20MM)						
	13	1	6I-0291	2	NUT (M8X1.25)						
	14	1	102-9941	4	BOLT (M12X1.75X25MM)						
	15	1	195-4615	1	STRAP						
	16	1	214-4139	1	BRACKET						
	17	1	6I-0593	1	BOLT (M10X1.5X30MM)						
	18	1	6I-0594	1	NUT (M10X1.5)						



# COOLING SYSTEM

214-4134 LINES GP-WATER (contd.)

i01642391



GRAPHIC #1

<END>

g00852294



# COOLING SYSTEM

## 214-4207 LINES GP-WATER

S/N: SNX1-UP

PRE-HEATER

FOR USE WITH KEEL COOLED ENGINE, SINGLE STARTER, 213-6970-PAGE 245,  
213-6971-PAGE 246

AN ATTACHMENT

SMCS-1380

i01642394

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
1	1	1	6I-0260	1	BOLT (M8X1.25X25MM)						
2	1	1	6I-0917	4	BOLT (M6X1.0X25MM)						
3	1	1	214-0694	1	BRACKET						
4	1	1	6I-0918	4	NUT (M6)						
5	1	1	214-4132	1	HOSE (.016X1.0M)						
6	1	1	214-0696	1	HOSE (.016X0.5M)						
7	1	1	5D-1026	4	CLAMP-HOSE						
8	1	1	214-0697	1	ADAPTER						
9	1	1	214-4131	1	ADAPTER						
10	1	1	210-6749	1	BRACKET						
11	1	1	214-0699	1	CLIP						
12	1	1	6I-0217	1	BOLT (M8X1.25X20MM)						
13	1	1	6I-0291	1	NUT (M8X1.25)						
14	1	1	102-9941	4	BOLT (M12X1.75X25MM)						
15	1	1	195-4615	1	STRAP						

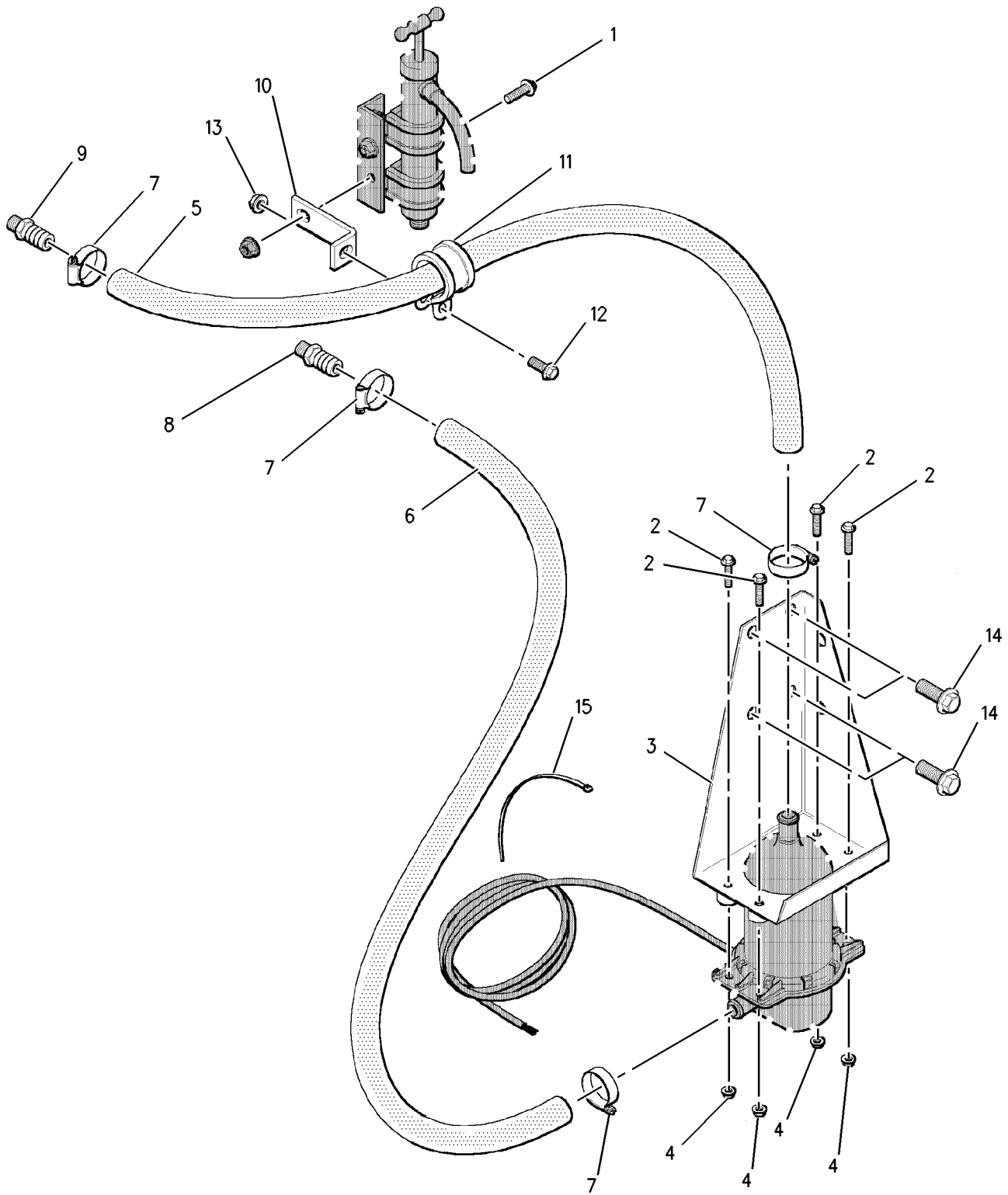




# COOLING SYSTEM

214-4207 LINES GP-WATER (contd.)

i01642394



GRAPHIC #1

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g00852364



# COOLING SYSTEM

## 223-1745 LINES GP-WATER

S/N: SNX1-UP

FOR USE WITH KEEL COOLED ENGINE, FOR USE WITH LIMIT SWITCH, 223-1746-PAGE 147,  
223-1748-PAGE 76, 216-9033-PAGE 20, 234-2514-PAGE 143  
AN ATTACHMENT

SMCS-1380

i01933801

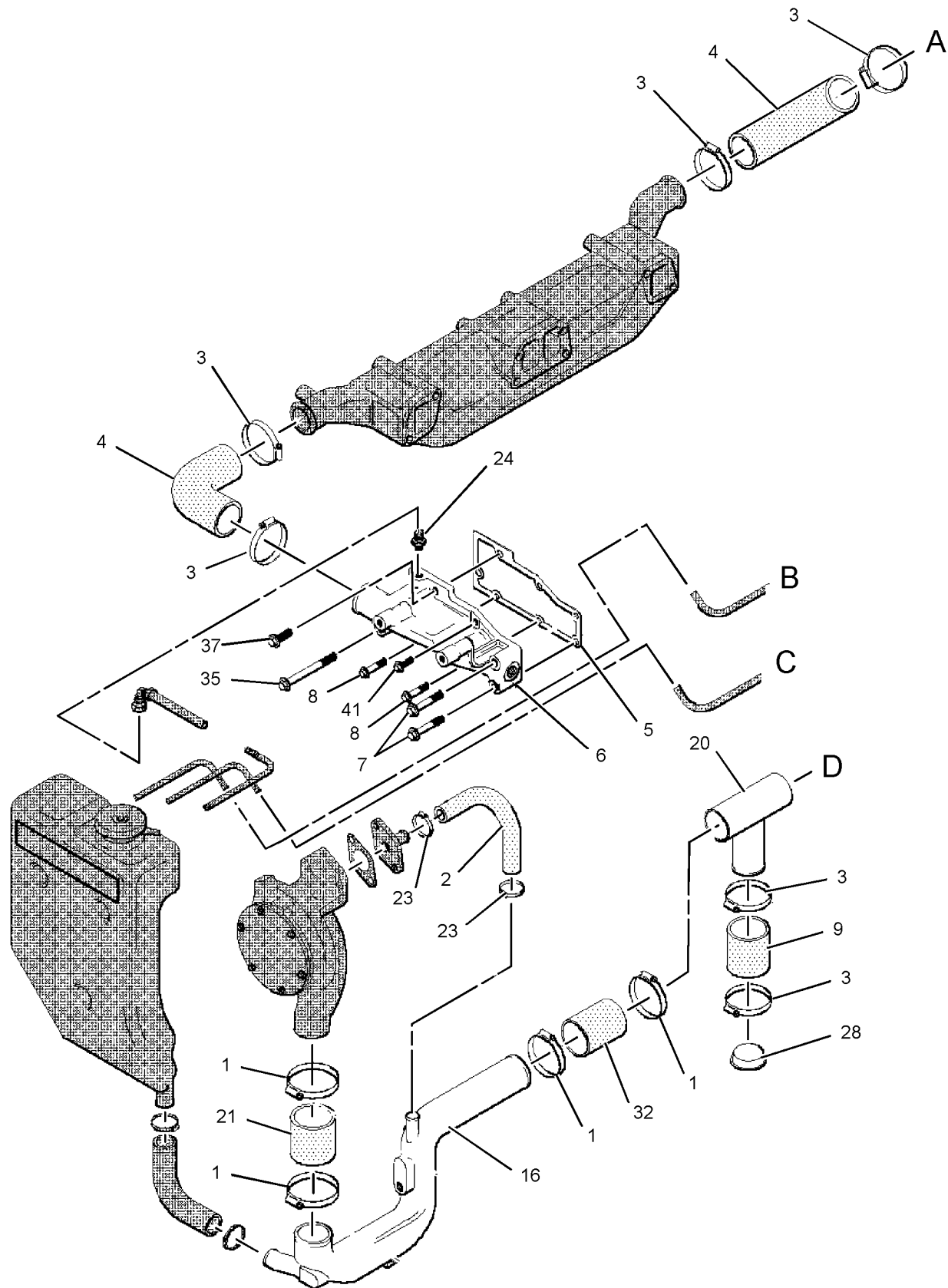
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1,2	9M-0164	5	CLAMP-HOSE						
	2	1	210-6837	1	HOSE						
	3	1,2	124-6260	9	CLAMP-HOSE						
	4	1	203-9866	2	HOSE						
	5	1	6I-0453	1	GASKET						
	6	1	194-7179	1	CONNECTOR-WATER						
	7	1	101-7178	2	BOLT (M10X55MM)						
	8	1	6I-1090	2	BOLT (M8X1.25X40MM)						
	9	1,2	193-5116	2	HOSE						
	10	2	210-6851	1	TUBE AS						
	11	2	193-5118	1	HOSE						
	12	2	9M-7959	2	CLAMP-HOSE						
	13	2	194-7150	1	REGULATOR AS (80 DEG C) (WATER TEMPERATURE)						
	14	2	194-7204	1	HOUSING (THERMOSTAT)						
	15	2	193-5103	1	BRACKET-SUPPORT						
	16	1	223-1765	1	TUBE						
	17	2	9M-2904	1	CLAMP-HOSE						
	18	2	194-7201	1	HOSE-REDUCER						
	19	2	6I-4200	1	BOLT (M10X1.5X16MM)						
	20	1	194-7200	1	TEE						
	21	1	193-5121	1	HOSE						
	22	2	194-7199	1	CAP-END						
	23	1	5D-1026	2	CLAMP-HOSE						
	24	1	210-6852	1	ADAPTER						
	25	2	6I-0217	1	BOLT (M8X1.25X20MM)						
	26	2	210-6853	1	HOSE-REDUCER						
	27	2	193-5193	1	CLIP						
	28	1,2	193-5146	2	CAP						
	29	2	6I-0291	4	NUT (M8X1.25)						
	30	2	210-6790	1	BRACKET						
	31	2	196-7652	1	BOLT (M10X25MM)						
	32	1	193-5115	1	HOSE						
	33	2	193-5152	1	RING-RETAINING (WATER TEMPERATURE REGULATOR)						
	34	2	193-5111	1	SPACER (WATER TEMPERATURE REGULATOR)						
	35	1	103-0050	1	BOLT (M10X100MM)						
	36	2	6I-0254	1	BOLT (M8X1.25X30MM)						
	37	1,2	6I-0593	3	BOLT (M10X1.5X30MM)						
	38	2	213-1934	1	BRACKET						
	39	2	6I-0654	2	BOLT (M10X1.5X25MM)						
	40	2	199-1186	2	CLIP						
	41	1,2	6I-0260	3	BOLT (M8X1.25X25MM)						
	42	2	035-8063	1	PLUG						
	43	2	6I-0594	2	NUT (M10X1.5)						
	44	2	6I-4800	1	GASKET						



# COOLING SYSTEM

223-1745 LINES GP-WATER (contd.)

i01933801



GRAPHIC #1

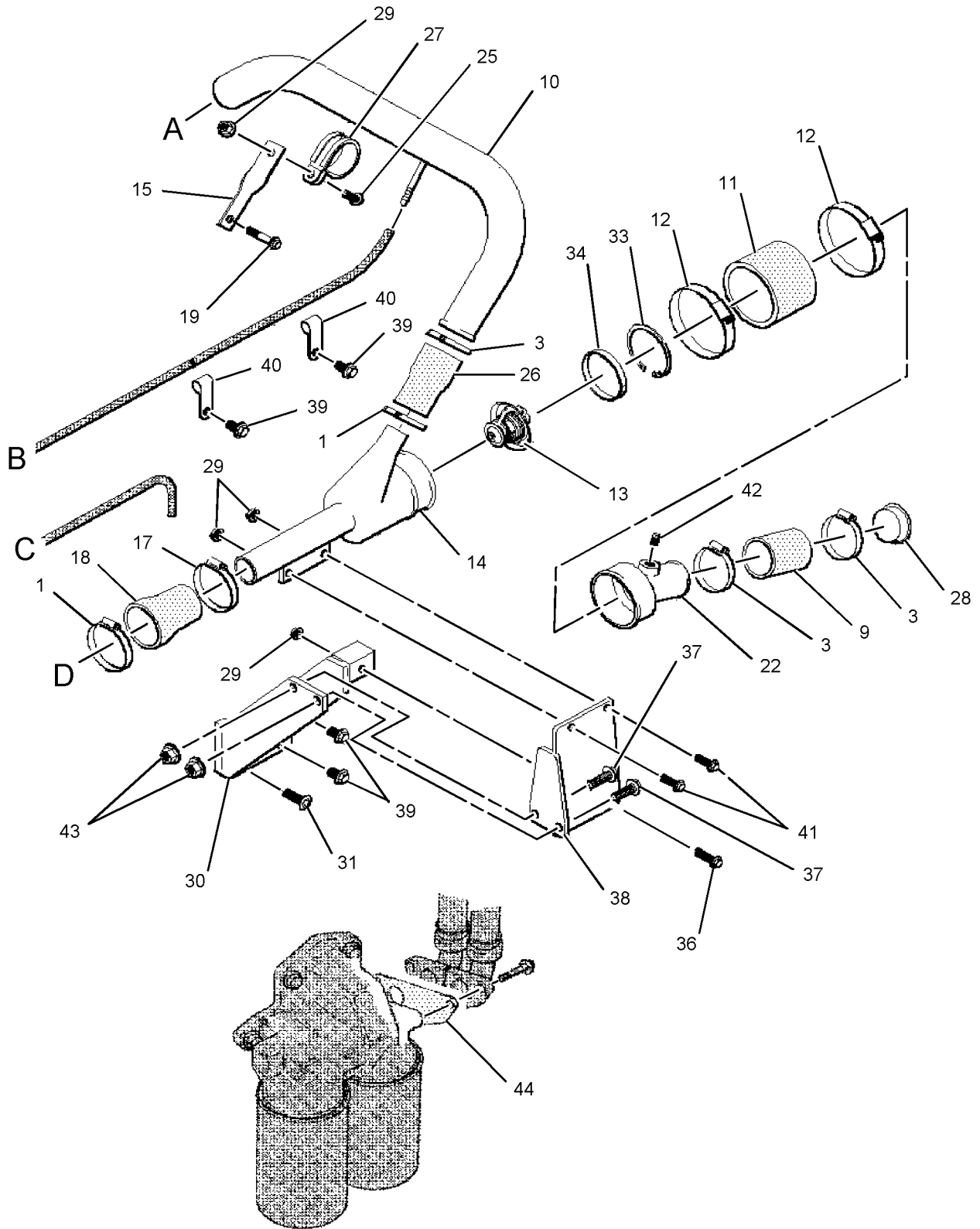
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# COOLING SYSTEM

223-1745 LINES GP-WATER (contd.)

i01933801



GRAPHIC #2

<END>

g01027800



# COOLING SYSTEM

## 223-1749 LINES GP-WATER

S/N: SNX1-UP  
AN ATTACHMENT

SMCS-1380

i01933816

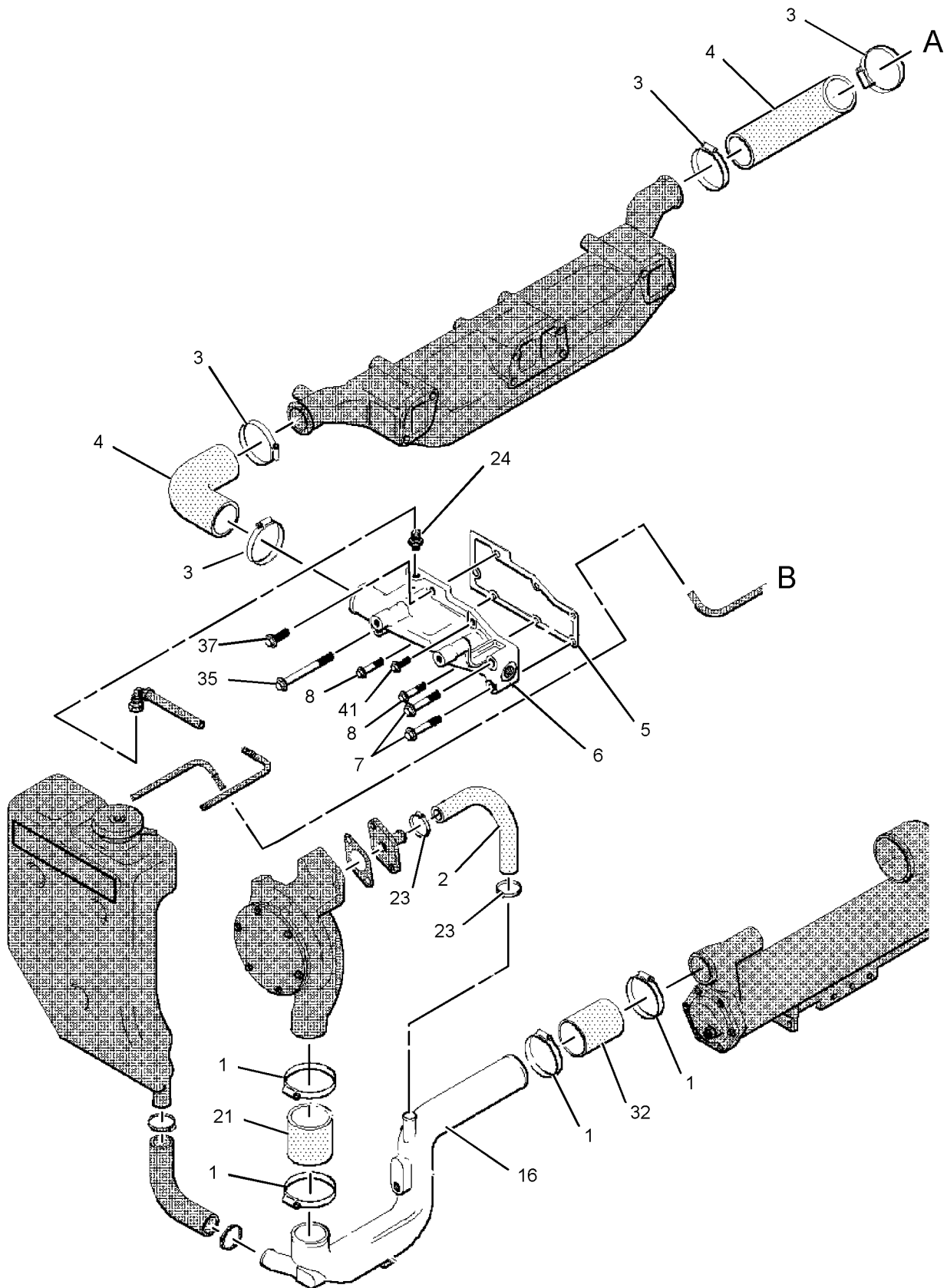
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1,2	9M-0164	5	CLAMP-HOSE						
	2	1	210-6837	1	HOSE						
	3	1,2	124-6260	5	CLAMP-HOSE						
	4	1	203-9866	2	HOSE						
	5	1	6I-0453	1	GASKET						
	6	1	194-7179	1	CONNECTOR-WATER						
	7	1	101-7178	2	BOLT (M10X55MM)						
	8	1	6I-1090	2	BOLT (M8X1.25X40MM)						
	10	2	210-6851	1	TUBE AS						
	11	2	193-5118	1	HOSE						
	12	2	9M-7959	2	CLAMP-HOSE						
	13	2	194-7150	1	REGULATOR AS (80 DEG C) (WATER TEMPERATURE)						
	14	2	193-5102	1	HOUSING						
	15	2	193-5103	1	BRACKET-SUPPORT						
	16	1	223-1765	1	TUBE						
	17	2	9M-2904	2	CLAMP-HOSE						
	18	2	193-5119	1	HOSE						
	19	2	6I-4200	3	BOLT (M10X1.5X16MM)						
	21	1	193-5121	1	HOSE						
	23	1	5D-1026	2	CLAMP-HOSE						
	24	1	210-6852	1	ADAPTER						
	25	2	6I-0217	1	BOLT (M8X1.25X20MM)						
	26	2	210-6853	1	HOSE-REDUCER						
	27	2	193-5193	1	CLIP						
	29	2	6I-0291	1	NUT (M8X1.25)						
	32	1	193-5115	1	HOSE						
	33	2	193-5152	1	RING-RETAINING (WATER TEMPERATURE REGULATOR)						
	34	2	193-5111	1	SPACER (WATER TEMPERATURE REGULATOR)						
	35	1	103-0050	1	BOLT (M10X100MM)						
	37	1	6I-0593	1	BOLT (M10X1.5X30MM)						
	40	2	199-1186	2	CLIP						
	41	1	6I-0260	1	BOLT (M8X1.25X25MM)						



# COOLING SYSTEM

223 - 1749 LINES GP - WATER (contd.)

i01933816



GRAPHIC #1

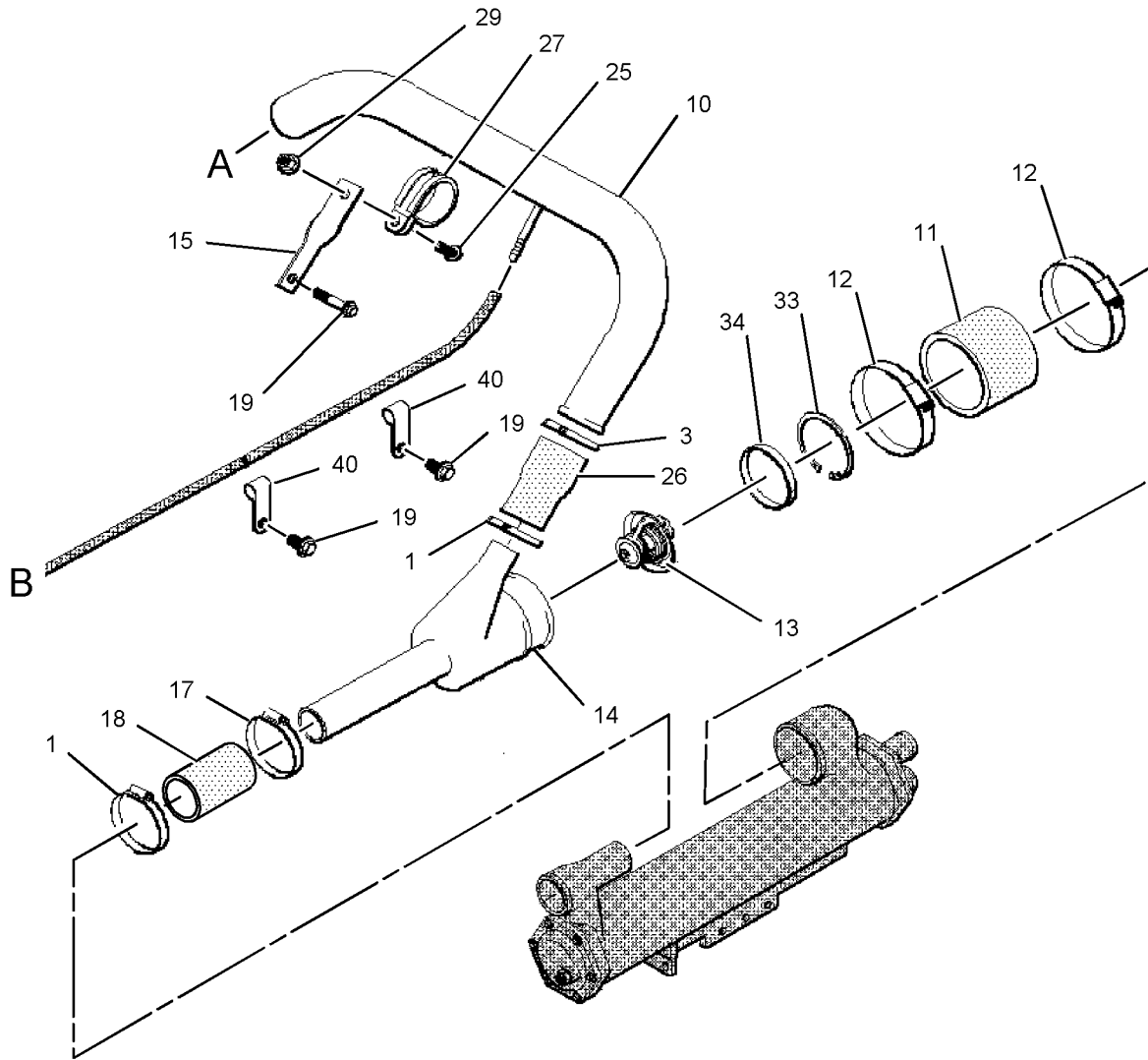
g01028027



# COOLING SYSTEM

223-1749 LINES GP-WATER (contd.)

i01933816



GRAPHIC #2

<END>

g01028029



# COOLING SYSTEM

## 227-4512 LINES GP-WATER

S/N: SNX1-UP

FOR USE WITH HEAT EXCHANGER, DUAL STATION SENDERS, 210-6503-PAGE 139,  
210-6521-PAGE 90

AN ATTACHMENT

SMCS-1380

101933920

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1,2	9M-0164	5	CLAMP-HOSE						
	2	1	210-6837	1	HOSE						
	3	1,2	193-5139	5	CLAMP-HOSE						
	4	1,2	203-9866	2	HOSE						
	5	1	6I-0453	1	GASKET						
	6	1	194-7179	1	CONNECTOR-WATER						
	7	1	101-7178	2	BOLT (M10X55MM)						
	8	1	6I-1090	2	BOLT (M8X1.25X40MM)						
	10	2	227-3718	1	TUBE AS						
	11	2	193-5118	1	HOSE						
	12	2	9M-7959	2	CLAMP-HOSE						
	13	2	194-7150	1	REGULATOR AS (80 DEG C) (WATER TEMPERATURE)						
	14	2	193-5102	1	HOUSING						
	15	2	193-5103	1	BRACKET-SUPPORT						
	16	1	210-6848	1	TUBE AS						
	17	2	9M-2904	2	CLAMP-HOSE						
	18	2	193-5119	1	HOSE						
	19	2	6I-4200	1	BOLT (M10X1.5X16MM)						
	21	1	193-5121	1	HOSE						
	23	1	5D-1026	2	CLAMP-HOSE						
	24	1	210-6852	1	ADAPTER						
	25	2	6I-0217	1	BOLT (M8X1.25X20MM)						
	26	2	210-6853	1	HOSE-REDUCER						
	27	2	193-5193	1	CLIP						
	29	2	6I-0291	1	NUT (M8X1.25)						
	32	1	193-5115	1	HOSE						
	33	2	193-5152	1	RING-RETAINING (WATER TEMPERATURE REGULATOR)						
	34	2	193-5111	1	SPACER (WATER TEMPERATURE REGULATOR)						
	35	1	103-0050	1	BOLT (M10X100MM)						
	37	1	6I-0593	1	BOLT (M10X1.5X30MM)						
	39	2	6I-4200	2	BOLT (M10X1.5X16MM)						
	40	2	199-1186	2	CLIP						
	41	1	6I-0260	1	BOLT (M8X1.25X25MM)						

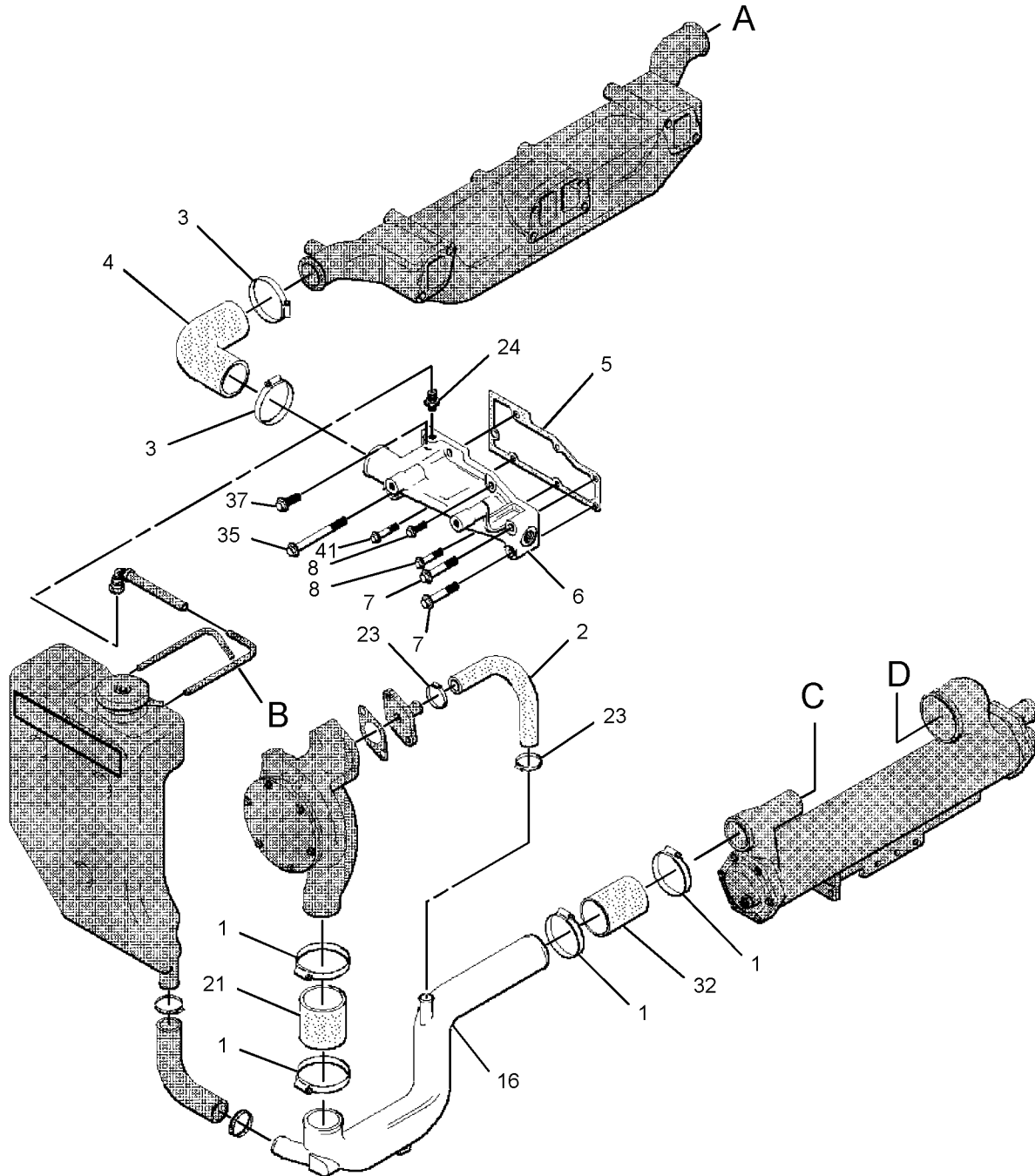




# COOLING SYSTEM

227-4512 LINES GP-WATER (contd.)

i01933920



GRAPHIC #1

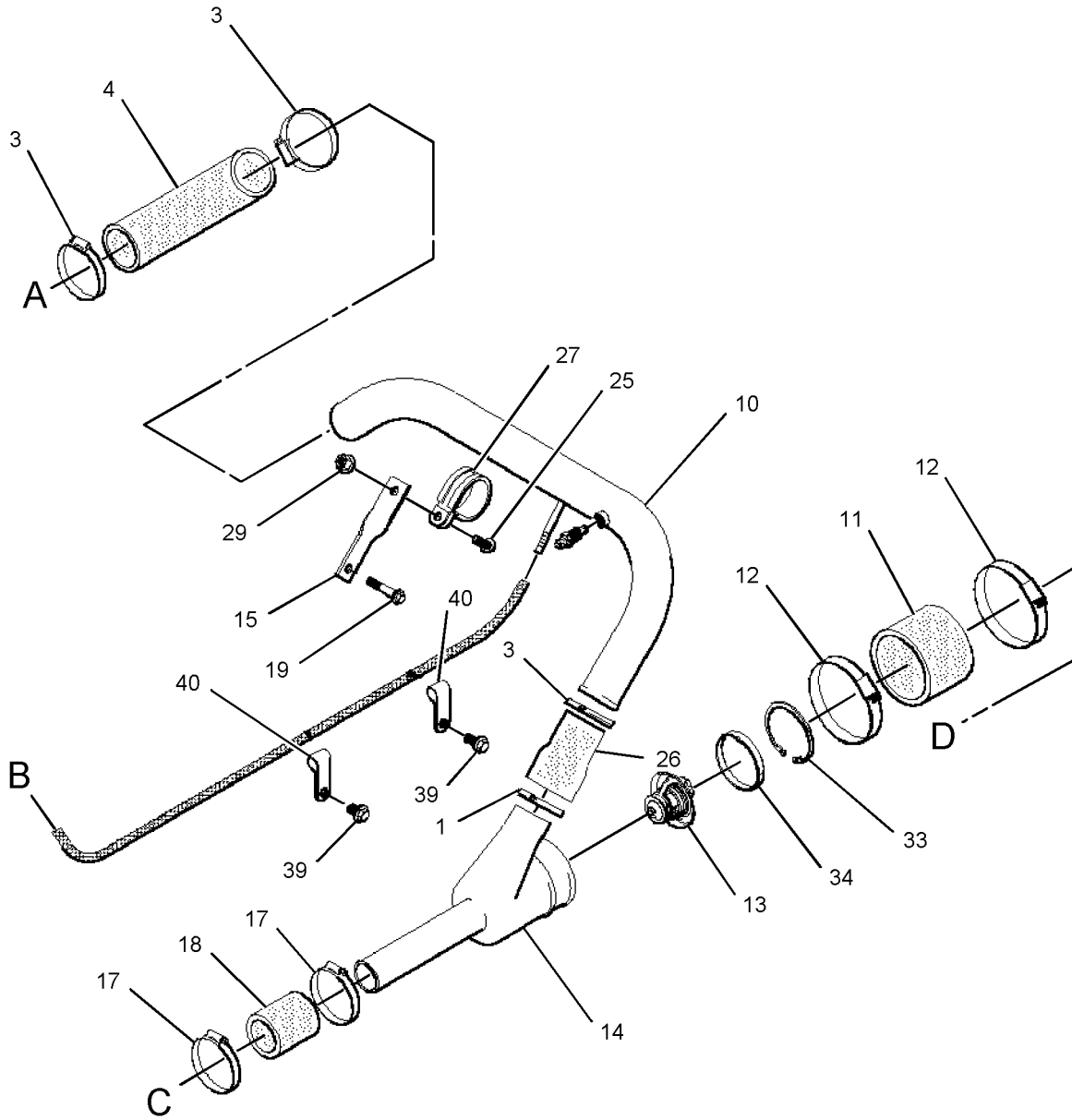
g01028064



# COOLING SYSTEM

227-4512 LINES GP-WATER (contd.)

i01933920



GRAPHIC #2

<END>

g01028066



# COOLING SYSTEM

## 227-4513 LINES GP-WATER

S/N: SNX1-UP

FOR USE WITH KEEL COOLED ENGINE, DUAL STATION SENDERS, 210-6503-PAGE 139,

216-9033-PAGE 20

AN ATTACHMENT

SMCS-1380

i01933921

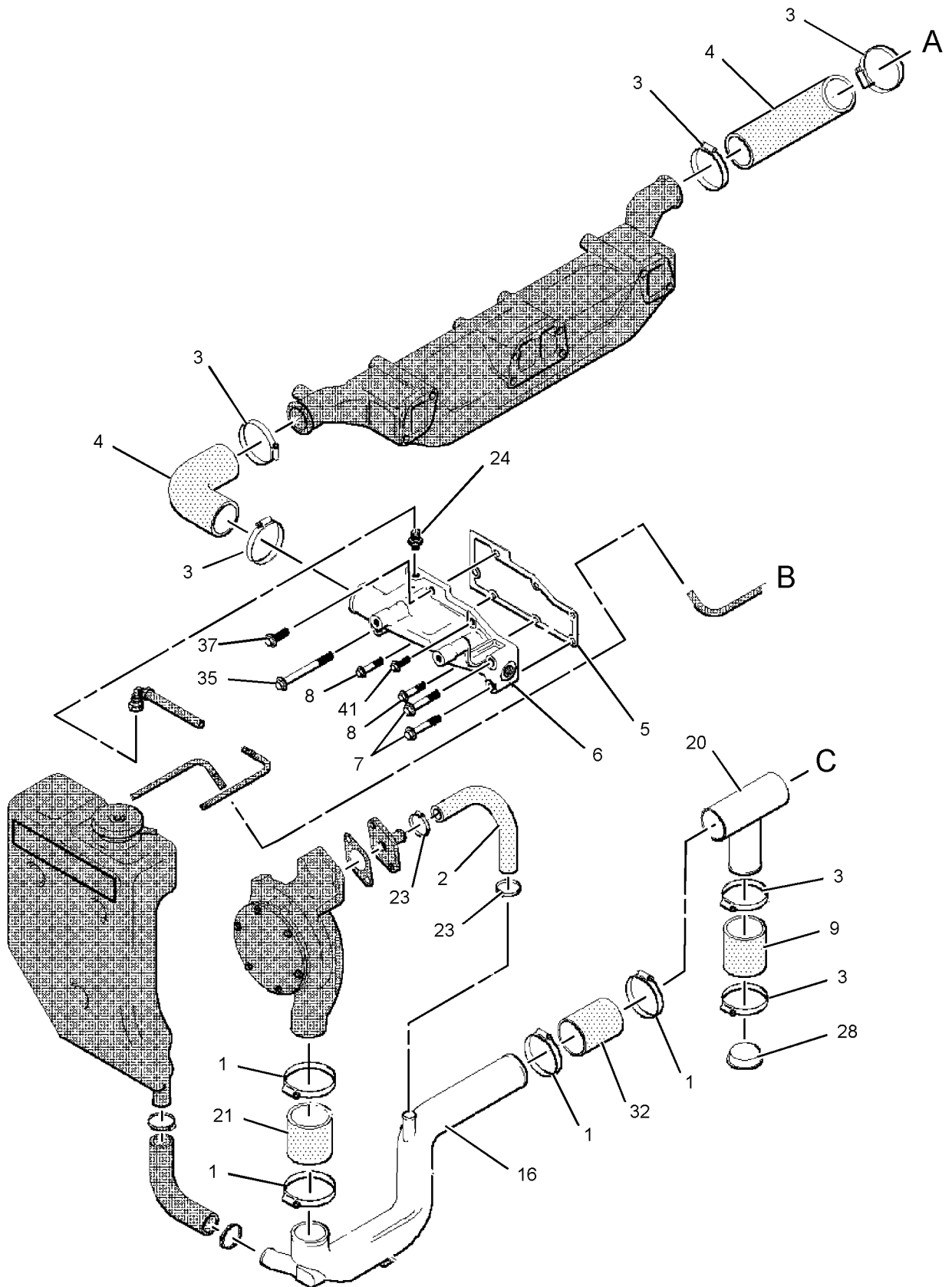
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1,2	9M-0164	5	CLAMP-HOSE						
	2	1	210-6837	1	HOSE						
	3	1,2	193-5139	9	CLAMP-HOSE						
	4	1	203-9866	2	HOSE						
	5	1	6I-0453	1	GASKET						
	6	1	194-7179	1	CONNECTOR-WATER						
	7	1	101-7178	2	BOLT (M10X55MM)						
	8	1	6I-1090	2	BOLT (M8X1.25X40MM)						
	9	1,2	193-5116	2	HOSE						
	10	2	227-3718	1	TUBE AS						
	11	2	193-5118	1	HOSE						
	12	2	9M-7959	2	CLAMP-HOSE						
	13	2	194-7150	1	REGULATOR AS (80 DEG C) (WATER TEMPATURE)						
	14	2	194-7204	1	HOUSING (THERMOSTAT)						
	15	2	193-5103	1	BRACKET-SUPPORT						
	16	1	210-6848	1	TUBE AS						
	17	2	9M-2904	1	CLAMP-HOSE						
	18	2	194-7201	1	HOSE-REDUCER						
	19	2	6I-4200	1	BOLT (M10X1.5X16MM)						
	20	1	194-7200	1	TEE						
	21	1	193-5121	1	HOSE						
	22	2	194-7199	1	CAP-END						
	23	1	5D-1026	2	CLAMP-HOSE						
	24	1	210-6852	1	ADAPTER						
	25	2	6I-0217	1	BOLT (M8X1.25X20MM)						
	26	2	210-6853	1	HOSE-REDUCER						
	27	2	193-5193	1	CLIP						
	28	1,2	193-5146	2	CAP						
	29	2	6I-0291	4	NUT (M8X1.25)						
	30	2	210-6790	1	BRACKET						
	31	2	196-7652	1	BOLT (M10X25MM)						
	32	1	193-5115	1	HOSE						
	33	2	193-5152	1	RING-RETAINING (WATER TEMPERATURE REGULATOR)						
	34	2	193-5111	1	SPACER (WATER TEMPERATURE REGULATOR)						
	35	1	103-0050	1	BOLT (M10X100MM)						
	36	2	6I-0254	1	BOLT (M8X1.25X30MM)						
	37	1,2	6I-0593	3	BOLT (M10X1.5X30MM)						
	38	2	213-1934	1	BRACKET						
	39	2	6I-0654	2	BOLT (M10X1.5X25MM)						
	40	2	199-1186	2	CLIP						
	41	1,2	6I-0260	3	BOLT (M8X1.25X25MM)						
	42	2	035-8063	1	PLUG						
	43	2	6I-0594	2	NUT (M10X1.5)						
	44	2	6I-4800	1	GASKET						



# COOLING SYSTEM

227-4513 LINES GP-WATER (contd.)

i01933921



GRAPHIC #1

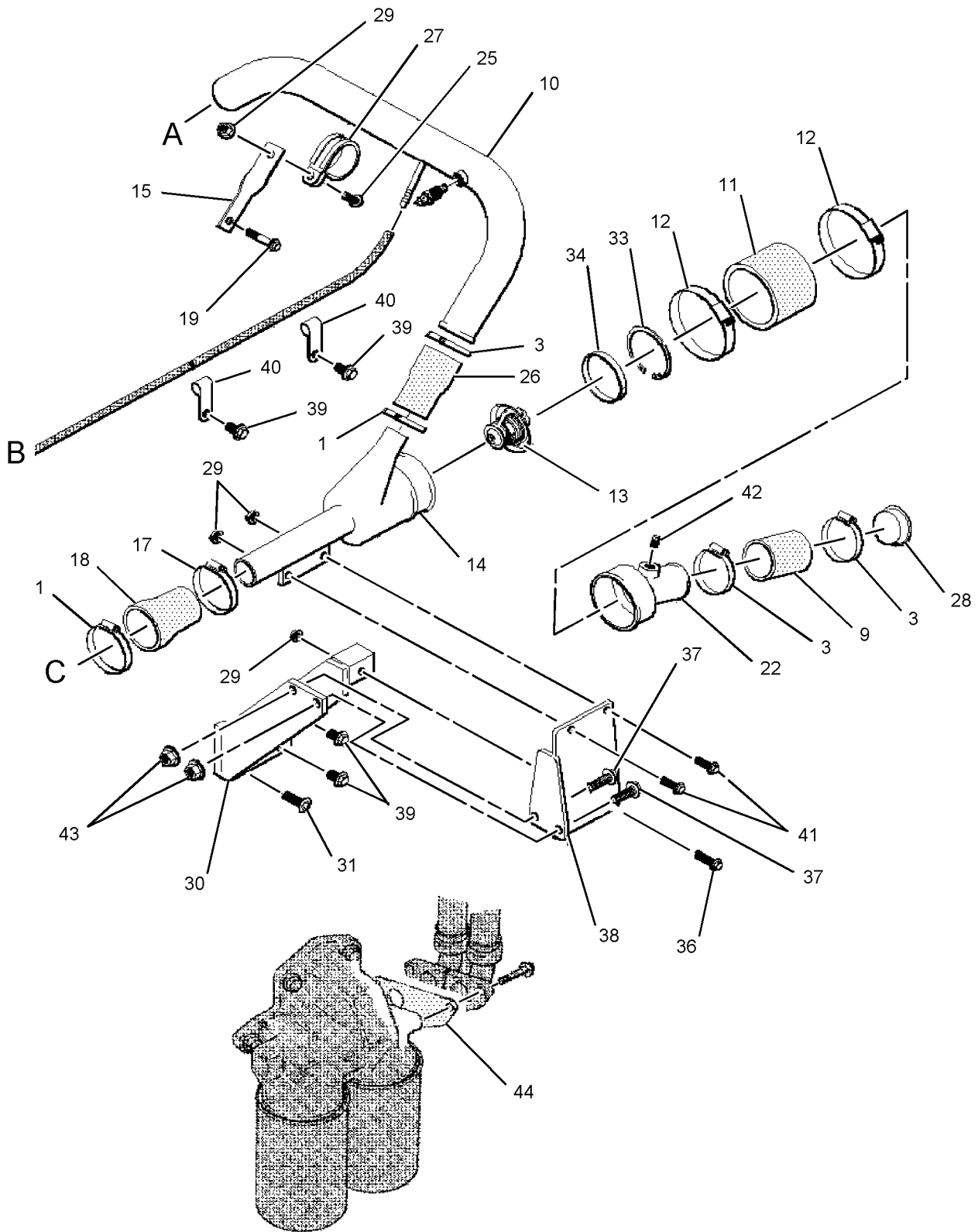
g01027837



# COOLING SYSTEM

227-4513 LINES GP-WATER (contd.)

i01933921



GRAPHIC #2

<END>

g01027839



# COOLING SYSTEM

## 239-0647 LINES GP-WATER

S/N: SNX1-UP

AN ATTACHMENT

SMCS-1380

i01971327

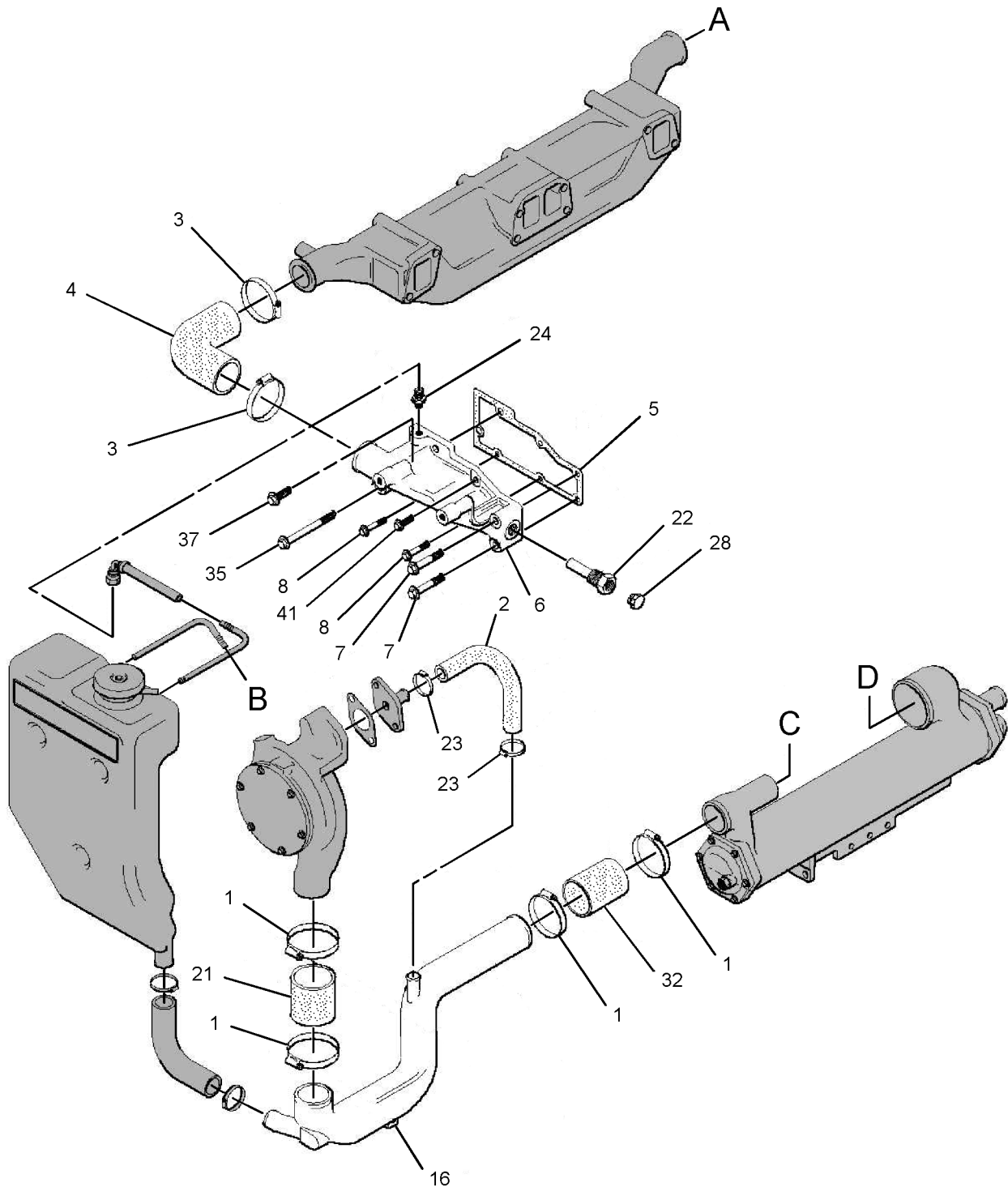
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1,2	9M-0164	7	CLAMP-HOSE						
	2	1	210-6837	1	HOSE						
	3	1,2	193-5139	3	CLAMP-HOSE						
	4	1	203-9866	1	HOSE						
	5	1	6I-0453	1	GASKET						
	6	1	237-4087	1	ADAPTER						
	7	1	101-7178	2	BOLT (M10X55MM)						
	8	1	6I-1090	2	BOLT (M8X1.25X40MM)						
	9	2	237-4088	1	HOSE						
	10	2	237-4091	1	PIPE						
	11	2	193-5118	1	HOSE						
	12	2	9M-7959	2	CLAMP-HOSE						
	13	2	194-7150	1	REGULATOR AS (80 DEG C) (WATER TEMPERATURE)						
	14	2	193-5102	1	HOUSING						
	15	2	193-5103	1	BRACKET-SUPPORT						
	16	1	210-6848	1	TUBE AS						
	17	2	9M-2904	2	CLAMP-HOSE						
	18	2	193-5119	1	HOSE						
	19	2	123-2899	1	BOLT (M10X1.5X40MM)						
	20	2	193-5185	1	SPACER						
	21	1	193-5121	1	HOSE						
	22	1,2	237-4092	2	TUBE						
	23	1	5D-1026	2	CLAMP-HOSE						
	24	1	210-6852	1	ADAPTER						
	25	2	6I-0217	1	BOLT (M8X1.25X20MM)						
	26	2	237-4090	1	HOSE						
	27	2	237-4089	1	CLIP						
	28	1,2	238-1783	2	CAP						
	29	2	6I-0291	1	NUT (M8X1.25)						
	32	1	193-5115	1	HOSE						
	33	2	193-5152	1	RING-RETAINING (WATER TEMPERATURE REGULATOR)						
	34	2	193-5111	1	SPACER (WATER TEMPERATURE REGULATOR)						
	35	1	103-0050	1	BOLT (M10X100MM)						
	37	1	6I-0593	1	BOLT (M10X1.5X30MM)						
	39	2	6I-4200	2	BOLT (M10X1.5X16MM)						
	40	2	199-1186	2	CLIP						
	41	1	6I-0260	1	BOLT (M8X1.25X25MM)						
	42	2	7W-6534	1	PLUG-PIPE						



# COOLING SYSTEM

239-0647 LINES GP-WATER (contd.)

i01971327



GRAPHIC #1

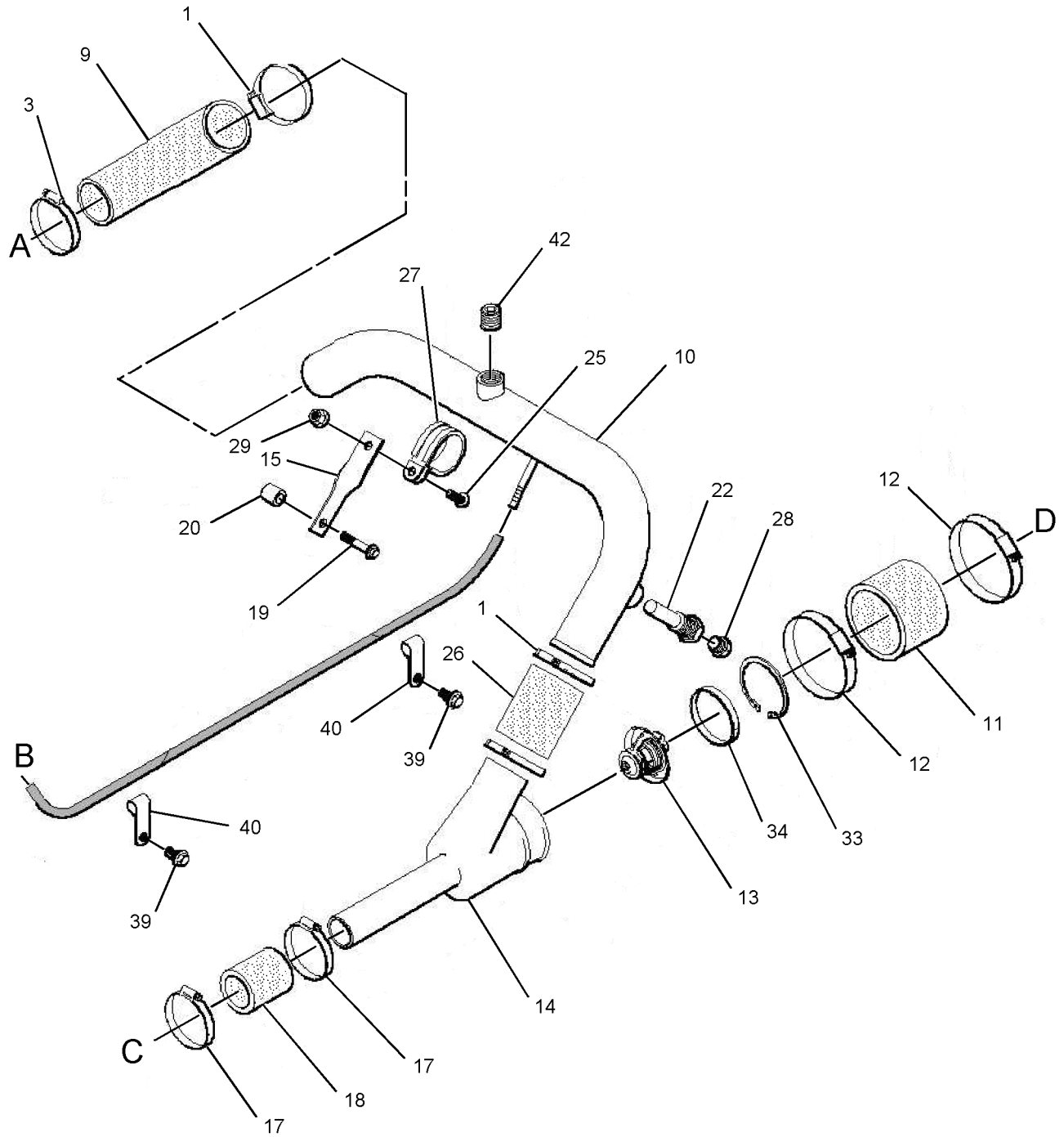
g01028157



# COOLING SYSTEM

239-0647 LINES GP-WATER (contd.)

i01971327



GRAPHIC #2

<END>

g01028160





# COOLING SYSTEM

## 239-3202 LINES GP-WATER

S/N: SNX1-UP

FOR USE WITH KEEL COOLED ENGINE, 210-6503-PAGE 139, 216-9033-PAGE 20  
AN ATTACHMENT

SMCS-1380

i01971331

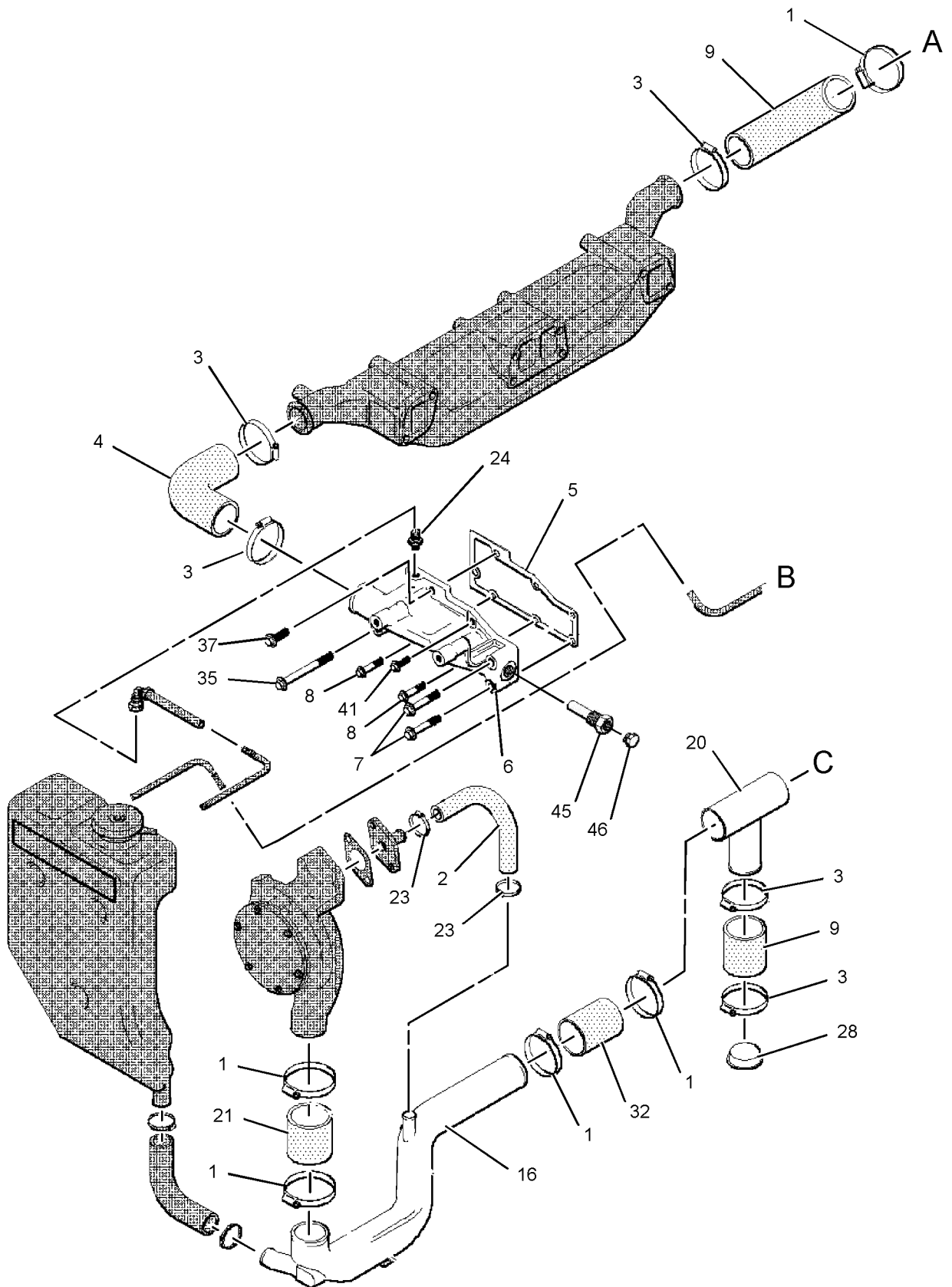
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1,2	9M-0164	8	CLAMP-HOSE						
	2	1	210-6837	1	HOSE						
	3	1,2	193-5139	7	CLAMP-HOSE						
	4	1	203-9866	1	HOSE						
	5	1	6I-0453	1	GASKET						
	6	1	237-4087	1	ADAPTER						
	7	1	101-7178	2	BOLT (M10X55MM)						
	8	1	6I-1090	2	BOLT (M8X1.25X40MM)						
	9	1,2	237-4088	1	HOSE						
	10	2	237-4091	1	PIPE						
	11	2	193-5118	1	HOSE						
	12	2	9M-7959	2	CLAMP-HOSE						
	13	2	194-7150	1	REGULATOR AS (80 DEG C) (WATER TEMPERATURE)						
	14	2	194-7204	1	HOUSING (THERMOSTAT)						
	15	2	193-5103	1	BRACKET-SUPPORT						
	16	1	210-6848	1	TUBE AS						
	17	2	9M-2904	1	CLAMP-HOSE						
	18	2	194-7201	1	HOSE-REDUCER						
	19	2	6I-4200	1	BOLT (M10X1.5X16MM)						
	20	1	194-7200	1	TEE						
	21	1	193-5121	1	HOSE						
	22	2	194-7199	1	CAP-END						
	23	1	5D-1026	2	CLAMP-HOSE						
	24	1	210-6852	1	ADAPTER						
	25	2	6I-0217	1	BOLT (M8X1.25X20MM)						
	26	2	237-4090	1	HOSE						
	27	2	237-4089	1	CLIP						
	28	1,2	193-5146	2	CAP						
	29	2	6I-0291	4	NUT (M8X1.25)						
	30	2	210-6790	1	BRACKET						
	31	2	196-7652	1	BOLT (M10X25MM)						
	32	1	193-5115	1	HOSE						
	33	2	193-5152	1	RING-RETAINING (WATER TEMPERATURE REGULATOR)						
	34	2	193-5111	1	SPACER (WATER TEMPERATURE REGULATOR)						
	35	1	103-0050	1	BOLT (M10X100MM)						
	36	2	6I-0254	1	BOLT (M8X1.25X30MM)						
	37	1,2	6I-0593	3	BOLT (M10X1.5X30MM)						
	38	2	213-1934	1	BRACKET						
	39	2	6I-0654	2	BOLT (M10X1.5X25MM)						
	40	2	199-1186	2	CLIP						
	41	1,2	6I-0260	3	BOLT (M8X1.25X25MM)						
	42	2	035-8063	1	PLUG						
	43	2	6I-0594	2	NUT (M10X1.5)						
	44	2	6I-4800	1	GASKET						
	45	1,2	237-4092	2	TUBE						
	46	1,2	238-1783	2	CAP						
	47	2	7W-6534	1	PLUG-PIPE						



# COOLING SYSTEM

239 - 3202 LINES GP - WATER (contd.)

i01971331



GRAPHIC #1

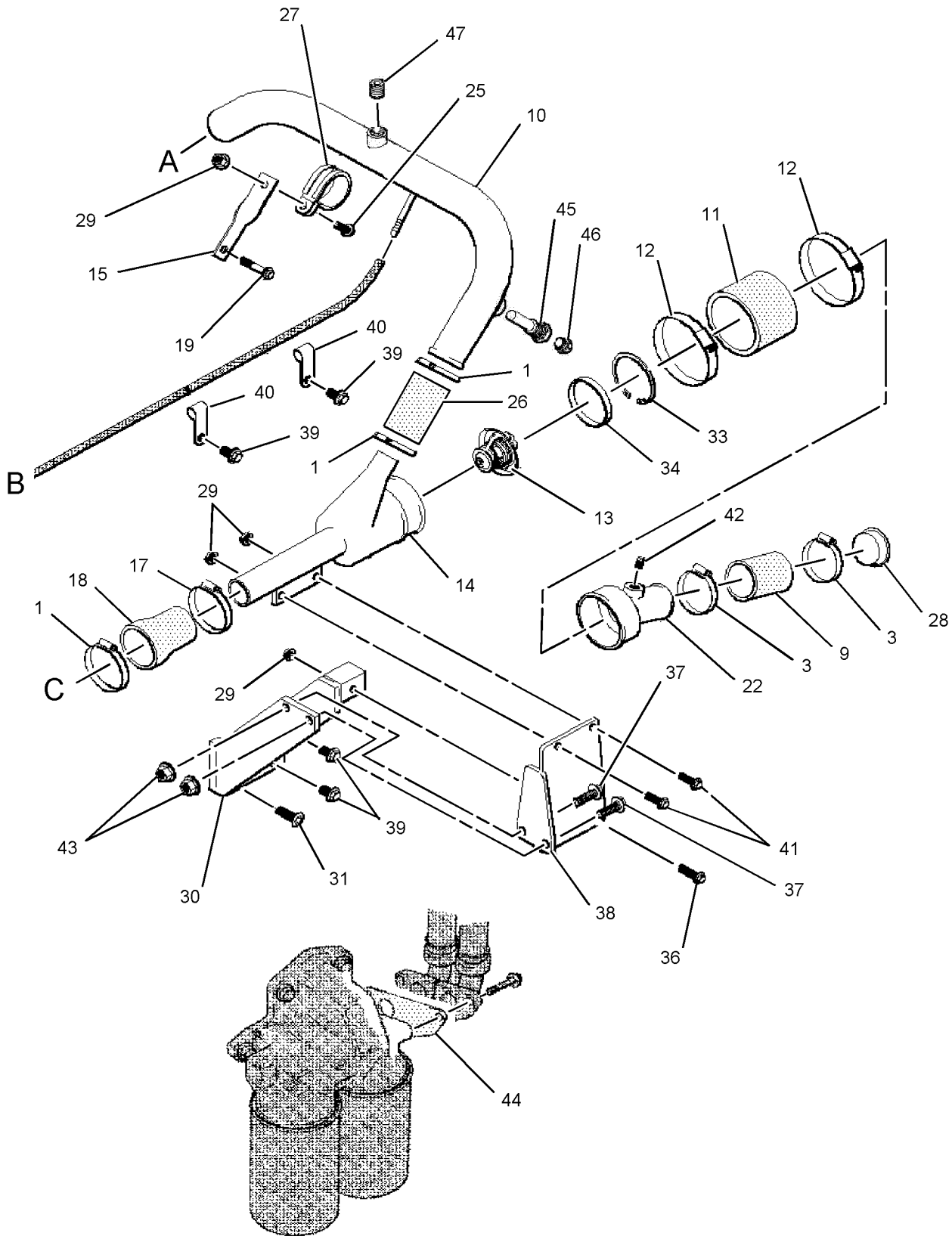
g01028135



# COOLING SYSTEM

239 - 3202 LINES GP - WATER (contd.)

i01971331



GRAPHIC #2

<END>

g01028101



# COOLING SYSTEM

## 240-5476 LINES GP-WATER

S/N: SNX1-UP

FOR USE WITH KEEL COOLED ENGINE, 216-9033-PAGE 20, 234-2514-PAGE 143  
AN ATTACHMENT

SMCS-1380

i01971333

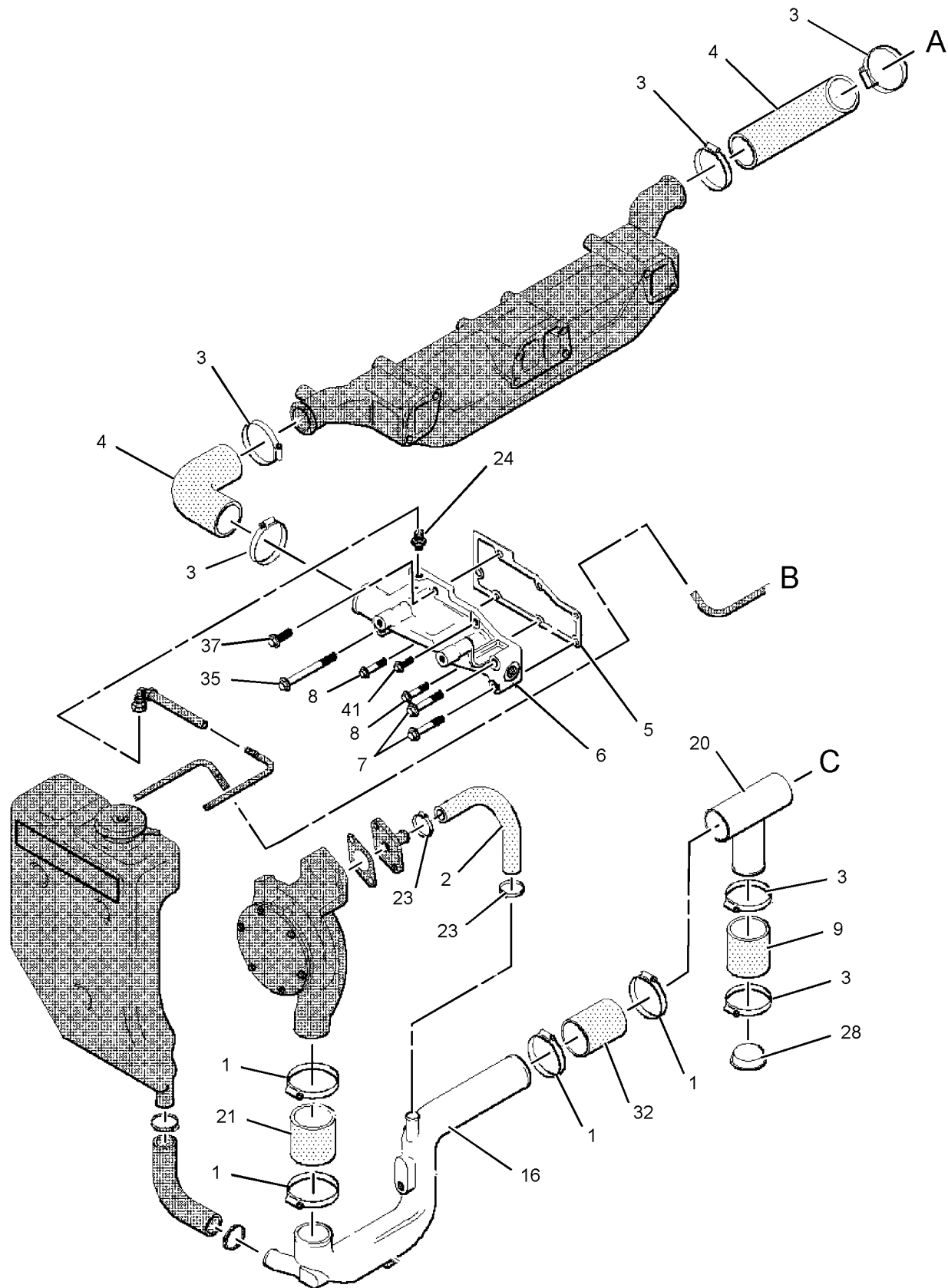
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1,2	9M-0164	5	CLAMP-HOSE						
	2	1	210-6837	1	HOSE						
	3	1,2	193-5139	9	CLAMP-HOSE						
	4	1	203-9866	2	HOSE						
	5	1	6I-0453	1	GASKET						
	6	1	194-7179	1	CONNECTOR-WATER						
	7	1	101-7178	2	BOLT (M10X55MM)						
	8	1	6I-1090	2	BOLT (M8X1.25X40MM)						
	9	1,2	193-5116	2	HOSE						
	10	2	227-3718	1	TUBE AS						
	11	2	193-5118	1	HOSE						
	12	2	9M-7959	2	CLAMP-HOSE						
	13	2	194-7150	1	REGULATOR AS (80 DEG C) (WATER TEMPERATURE)						
	14	2	194-7204	1	HOUSING (THERMOSTAT)						
	15	2	193-5103	1	BRACKET-SUPPORT						
	16	1	223-1765	1	TUBE						
	17	2	9M-2904	1	CLAMP-HOSE						
	18	2	194-7201	1	HOSE-REDUCER						
	19	2	6I-4200	1	BOLT (M10X1.5X16MM)						
	20	1	194-7200	1	TEE						
	21	1	193-5121	1	HOSE						
	22	2	194-7199	1	CAP-END						
	23	1	5D-1026	2	CLAMP-HOSE						
	24	1	210-6852	1	ADAPTER						
	25	2	6I-0217	1	BOLT (M8X1.25X20MM)						
	26	2	210-6853	1	HOSE-REDUCER						
	27	2	193-5193	1	CLIP						
	28	1,2	193-5146	2	CAP						
	29	2	6I-0291	4	NUT (M8X1.25)						
	30	2	210-6790	1	BRACKET						
	31	2	196-7652	1	BOLT (M10X25MM)						
	32	1	193-5115	1	HOSE						
	33	2	193-5152	1	RING-RETAINING (WATER TEMPERATURE REGULATOR)						
	34	2	193-5111	1	SPACER (WATER TEMPERATURE REGULATOR)						
	35	1	103-0050	1	BOLT (M10X100MM)						
	36	2	6I-0254	1	BOLT (M8X1.25X30MM)						
	37	1,2	6I-0593	3	BOLT (M10X1.5X30MM)						
	38	2	213-1934	1	BRACKET						
	39	2	6I-0654	2	BOLT (M10X1.5X25MM)						
	40	2	199-1186	2	CLIP						
	41	1,2	6I-0260	3	BOLT (M8X1.25X25MM)						
	42	2	035-8063	1	PLUG						
	43	2	6I-0594	2	NUT (M10X1.5)						
	44	2	6I-4800	1	GASKET						



# COOLING SYSTEM

240-5476 LINES GP-WATER (contd.)

i01971333



GRAPHIC #1

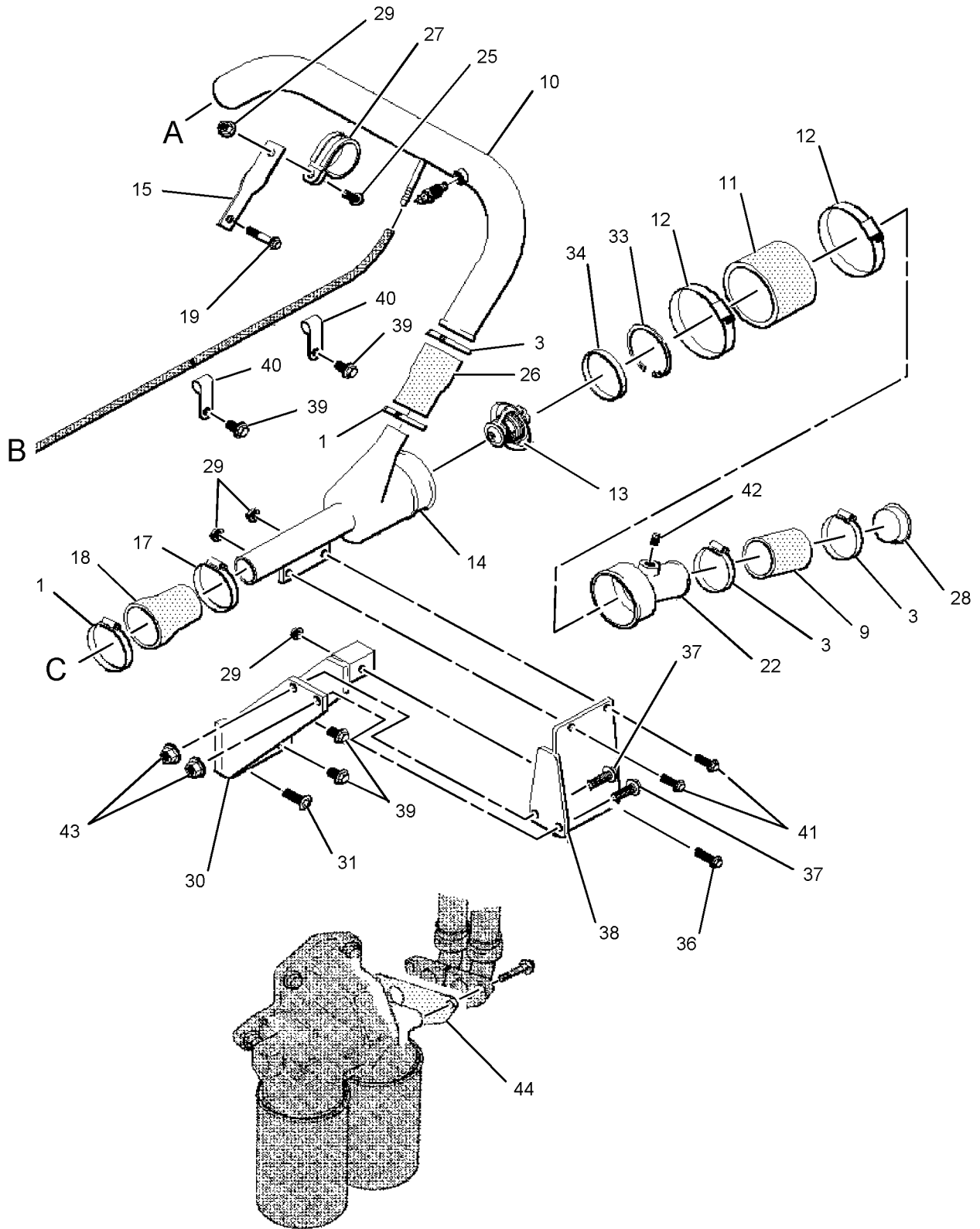
g01028126



# COOLING SYSTEM

240-5476 LINES GP-WATER (contd.)

i01971333



GRAPHIC #2

<END>

g01027839



# COOLING SYSTEM

## 240-5495 LINES GP-WATER

S/N: SNX1-UP

FOR USE WITH HEAT EXCHANGER, 210-6521-PAGE 90, 234-2514-PAGE 143  
AN ATTACHMENT

SMCS-1380

i01971334

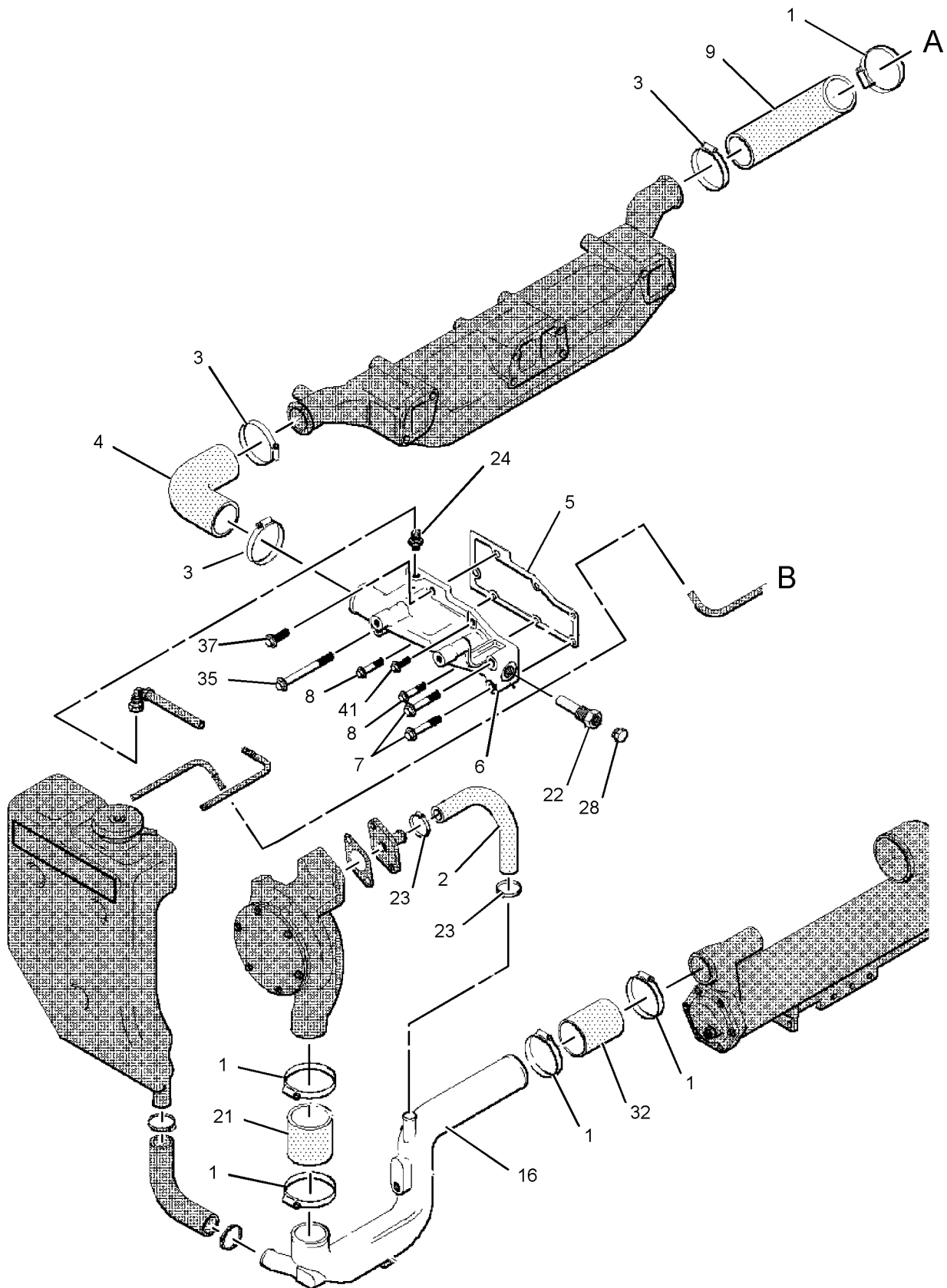
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1,2	9M-0164	7	CLAMP-HOSE						
	2	1	210-6837	1	HOSE						
	3	1	193-5139	3	CLAMP-HOSE						
	4	1	203-9866	1	HOSE						
	5	1	6I-0453	1	GASKET						
	6	1	237-4087	1	ADAPTER						
	7	1	101-7178	2	BOLT (M10X55MM)						
	8	1	6I-1090	2	BOLT (M8X1.25X40MM)						
	9	1	237-4088	1	HOSE						
	10	2	237-4091	1	PIPE						
	11	2	193-5118	1	HOSE						
	12	2	9M-7959	2	CLAMP-HOSE						
	13	2	194-7150	1	REGULATOR AS (80 DEG C) (WATER TEMPERATURE)						
	14	2	193-5102	1	HOUSING						
	15	2	193-5103	1	BRACKET-SUPPORT						
	16	1	223-1765	1	TUBE						
	17	2	9M-2904	2	CLAMP-HOSE						
	18	2	193-5119	1	HOSE						
	19	2	123-2899	1	BOLT (M10X1.5X40MM)						
	20	2	193-5185	1	SPACER						
	21	1	193-5121	1	HOSE						
	22	1,2	237-4092	2	TUBE						
	23	1	5D-1026	2	CLAMP-HOSE						
	24	1	210-6852	1	ADAPTER						
	25	2	6I-0217	1	BOLT (M8X1.25X20MM)						
	26	2	237-4090	1	HOSE						
	27	2	237-4089	1	CLIP						
	28	1,2	238-1783	2	CAP						
	29	2	6I-0291	1	NUT (M8X1.25)						
	32	1	193-5115	1	HOSE						
	33	2	193-5152	1	RING-RETAINING (WATER TEMPERATURE REGULATOR)						
	34	2	193-5111	1	SPACER (WATER TEMPERATURE REGULATOR)						
	35	1	103-0050	1	BOLT (M10X100MM)						
	37	1	6I-0593	1	BOLT (M10X1.5X30MM)						
	39	2	6I-4200	2	BOLT (M10X1.5X16MM)						
	40	2	199-1186	2	CLIP						
	41	1	6I-0260	1	BOLT (M8X1.25X25MM)						
	42	2	7W-6534	1	PLUG-PIPE						



# COOLING SYSTEM

240-5495 LINES GP-WATER (contd.)

i01971334



GRAPHIC #1

g01028184

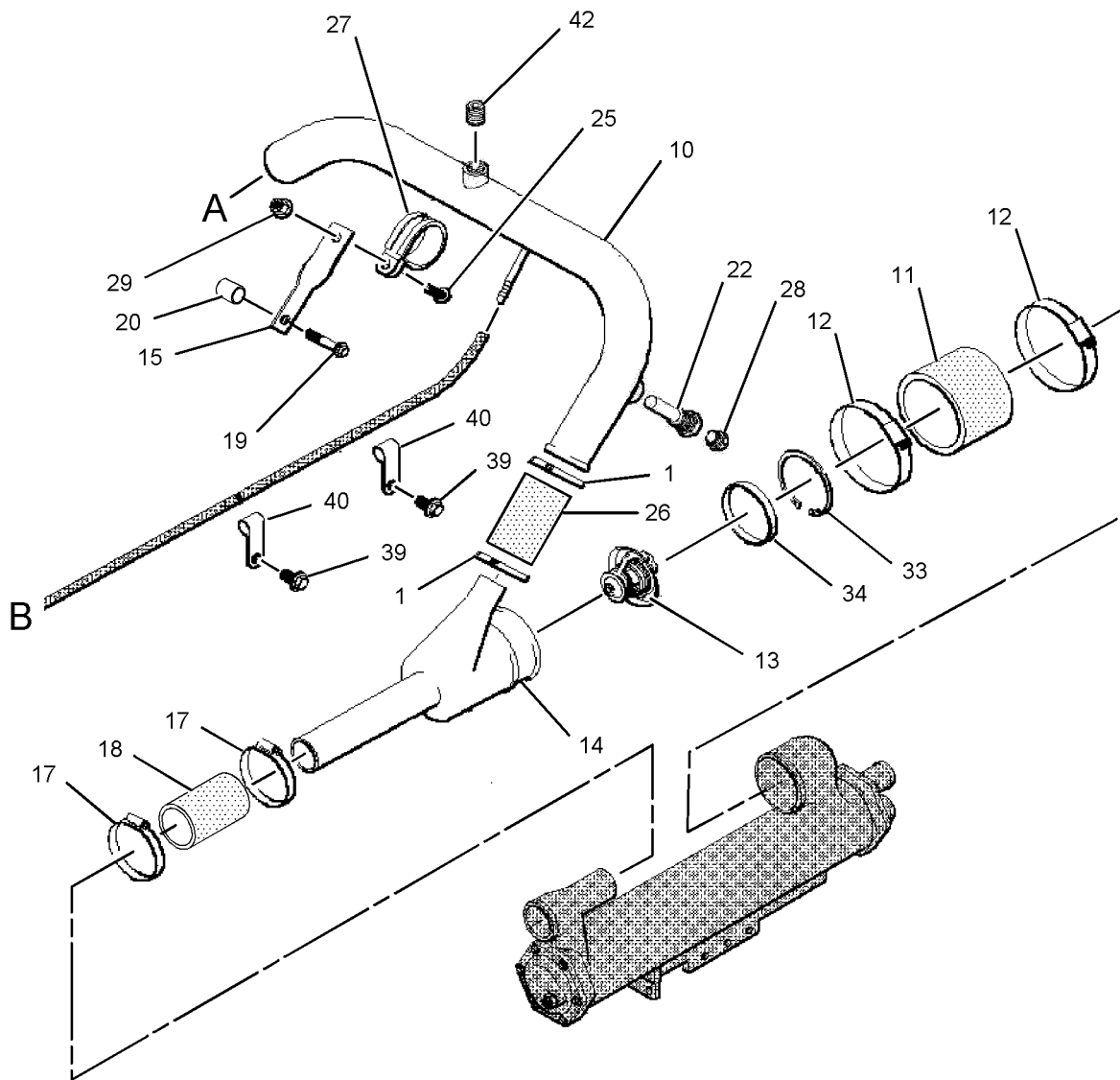




# COOLING SYSTEM

240 - 5495 LINES GP - WATER (contd.)

i01971334



GRAPHIC #2

<END>

g01028185



# COOLING SYSTEM

## 240-5525 LINES GP-WATER

S/N: SNX1-UP

FOR USE WITH KEEL COOLED ENGINE, 216-9033-PAGE 20, 234-2514-PAGE 143  
AN ATTACHMENT

SMCS-1380

i01971774

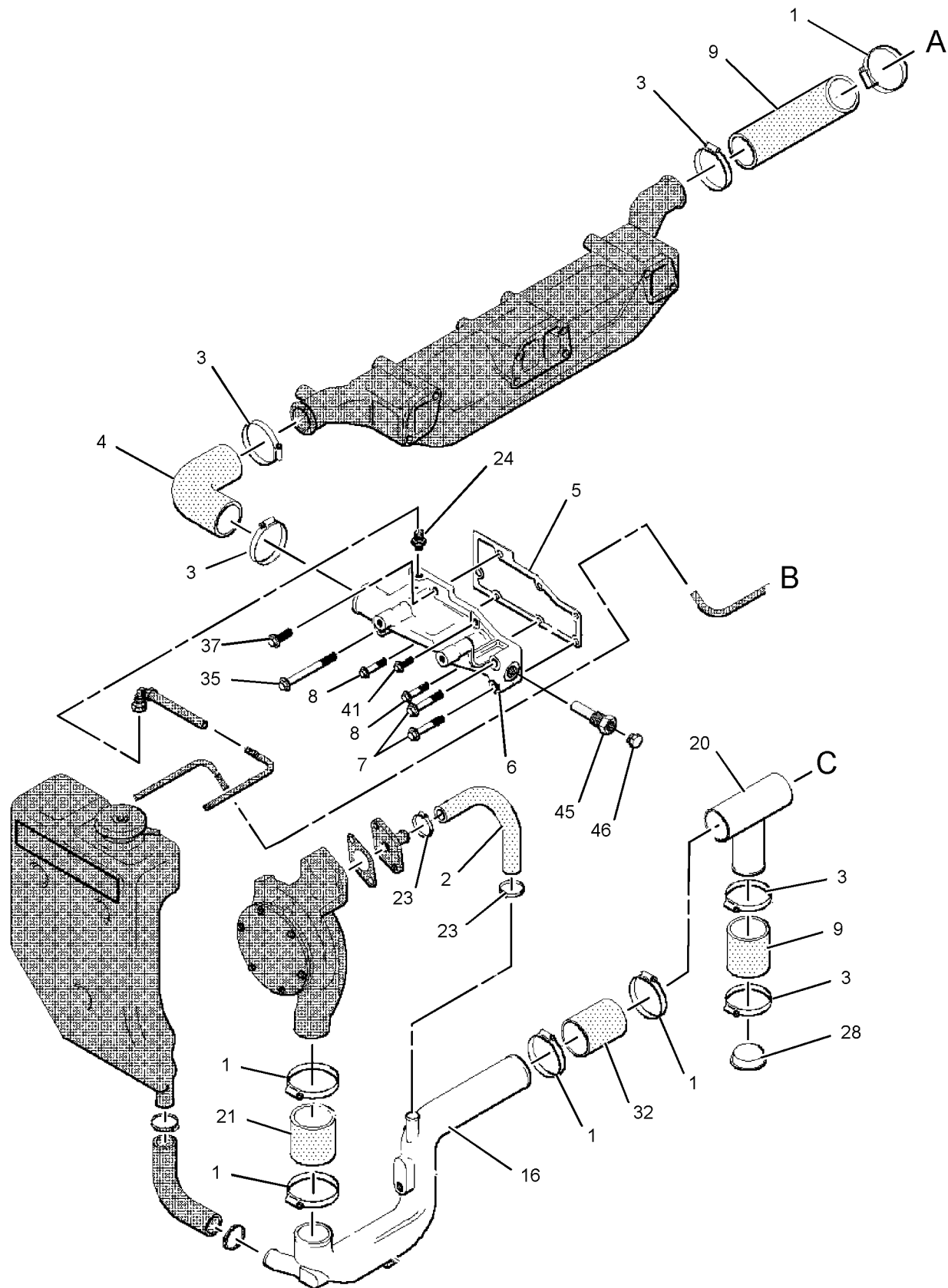
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1,2	9M-0164	8	CLAMP-HOSE						
	2	1	210-6837	1	HOSE						
	3	1,2	193-5139	7	CLAMP-HOSE						
	4	1	203-9866	1	HOSE						
	5	1	6I-0453	1	GASKET						
	6	1	237-4087	1	ADAPTER						
	7	1	101-7178	2	BOLT (M10X55MM)						
	8	1	6I-1090	2	BOLT (M8X1.25X40MM)						
	9	1,2	237-4088	1	HOSE						
	10	2	237-4091	1	PIPE						
	11	2	193-5118	1	HOSE						
	12	2	9M-7959	2	CLAMP-HOSE						
	13	2	194-7150	1	REGULATOR AS (80 DEG C) (WATER TEMPERATURE)						
	14	2	194-7204	1	HOUSING (THERMOSTAT)						
	15	2	193-5103	1	BRACKET-SUPPORT						
	16	1	223-1765	1	TUBE						
	17	2	9M-2904	1	CLAMP-HOSE						
	18	2	194-7201	1	HOSE-REDUCER						
	19	2	6I-4200	1	BOLT (M10X1.5X16MM)						
	20	1	194-7200	1	TEE						
	21	1	193-5121	1	HOSE						
	22	2	194-7199	1	CAP-END						
	23	1	5D-1026	2	CLAMP-HOSE						
	24	1	210-6852	1	ADAPTER						
	25	2	6I-0217	1	BOLT (M8X1.25X20MM)						
	26	2	237-4090	1	HOSE						
	27	2	237-4089	1	CLIP						
	28	1,2	193-5146	2	CAP						
	29	2	6I-0291	4	NUT (M8X1.25)						
	30	2	210-6790	1	BRACKET						
	31	2	196-7652	1	BOLT (M10X25MM)						
	32	1	193-5115	1	HOSE						
	33	2	193-5152	1	RING-RETAINING (WATER TEMPERATURE REGULATOR)						
	34	2	193-5111	1	SPACER (WATER TEMPERATURE REGULATOR)						
	35	1	103-0050	1	BOLT (M10X100MM)						
	36	2	6I-0254	1	BOLT (M8X1.25X30MM)						
	37	1,2	6I-0593	3	BOLT (M10X1.5X30MM)						
	38	2	213-1934	1	BRACKET						
	39	2	6I-0654	2	BOLT (M10X1.5X25MM)						
	40	2	199-1186	2	CLIP						
	41	1,2	6I-0260	3	BOLT (M8X1.25X25MM)						
	42	2	035-8063	1	PLUG						
	43	2	6I-0594	2	NUT (M10X1.5)						
	44	2	6I-4800	1	GASKET						
	45	1,2	237-4092	2	TUBE						
	46	1,2	238-1783	2	CAP						
	47	2	7W-6534	1	PLUG-PIPE						



# COOLING SYSTEM

240-5525 LINES GP-WATER (contd.)

i01971774



GRAPHIC #1

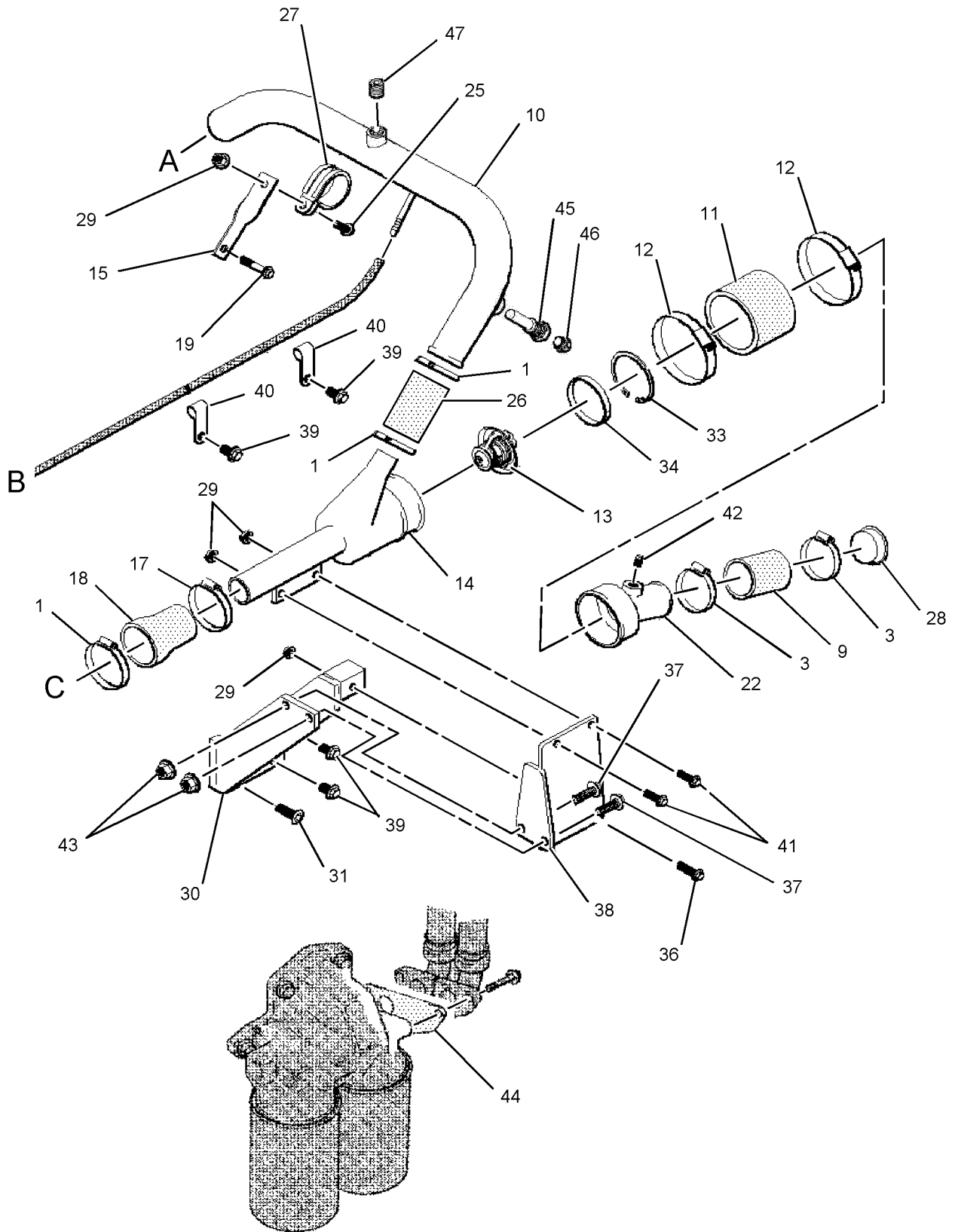
g01028100



# COOLING SYSTEM

240-5525 LINES GP-WATER (contd.)

i01971774



GRAPHIC #2

<END>

g01028101



# COOLING SYSTEM

## 240-5568 LINES GP-WATER

S/N: SNX1-UP

FOR USE WITH HEAT EXCHANGER, 210-6521-PAGE 90, 234-2514-PAGE 143  
AN ATTACHMENT

SMCS-1380

i01998338

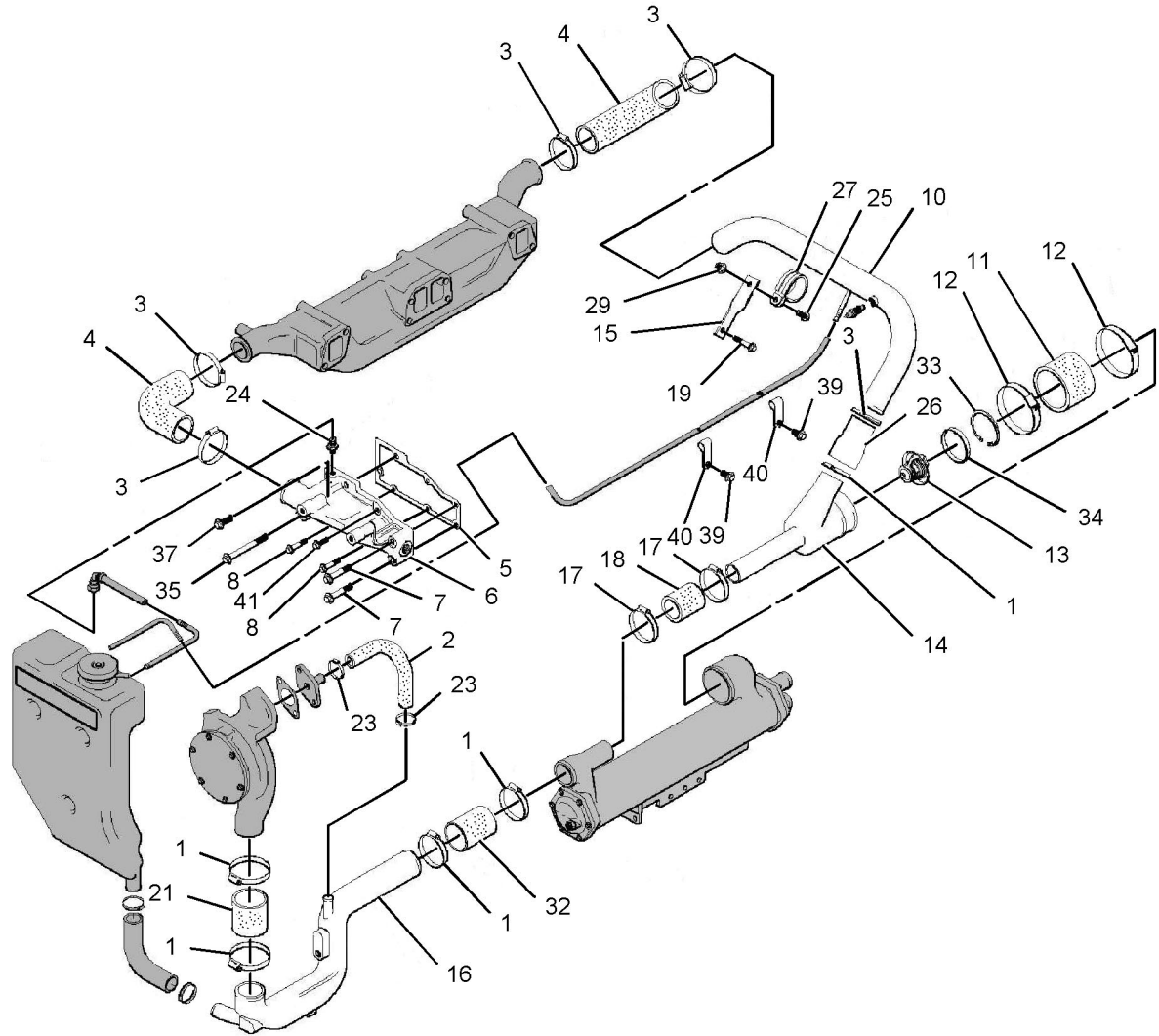
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
1	1	1	9M-0164	5	CLAMP-HOSE						
2	1	1	210-6837	1	HOSE						
3	1	1	193-5139	5	CLAMP-HOSE						
4	1	1	203-9866	2	HOSE						
5	1	1	6I-0453	1	GASKET						
6	1	1	194-7179	1	CONNECTOR-WATER						
7	1	1	101-7178	2	BOLT (M10X55MM)						
8	1	1	6I-1090	2	BOLT (M8X1.25X40MM)						
10	1	1	227-3718	1	TUBE AS						
11	1	1	193-5118	1	HOSE						
12	1	1	9M-7959	2	CLAMP-HOSE						
13	1	1	194-7150	1	REGULATOR AS (80 DEG C) (WATER TEMPERATURE)						
14	1	1	193-5102	1	HOUSING						
15	1	1	193-5103	1	BRACKET-SUPPORT						
16	1	1	223-1765	1	TUBE						
17	1	1	9M-2904	2	CLAMP-HOSE						
18	1	1	193-5119	1	HOSE						
19	1	1	6I-4200	1	BOLT (M10X1.5X16MM)						
21	1	1	193-5121	1	HOSE						
23	1	1	5D-1026	2	CLAMP-HOSE						
24	1	1	210-6852	1	ADAPTER						
25	1	1	6I-0217	1	BOLT (M8X1.25X20MM)						
26	1	1	210-6853	1	HOSE-REDUCER						
27	1	1	193-5193	1	CLIP						
29	1	1	6I-0291	1	NUT (M8X1.25)						
32	1	1	193-5115	1	HOSE						
33	1	1	193-5152	1	RING-RETAINING (WATER TEMPERATURE REGULATOR)						
34	1	1	193-5111	1	SPACER (WATER TEMPERATURE REGULATOR)						
35	1	1	103-0050	1	BOLT (M10X100MM)						
37	1	1	6I-0593	1	BOLT (M10X1.5X30MM)						
39	1	1	6I-4200	2	BOLT (M10X1.5X16MM)						
40	1	1	199-1186	2	CLIP						
41	1	1	6I-0260	1	BOLT (M8X1.25X25MM)						



# COOLING SYSTEM

240-5568 LINES GP-WATER (contd.)

i01998338



GRAPHIC #1

<END>

g01027414



# COOLING SYSTEM

## 231-3793 MOUNTING GP-FAN

S/N: GSN1-UP

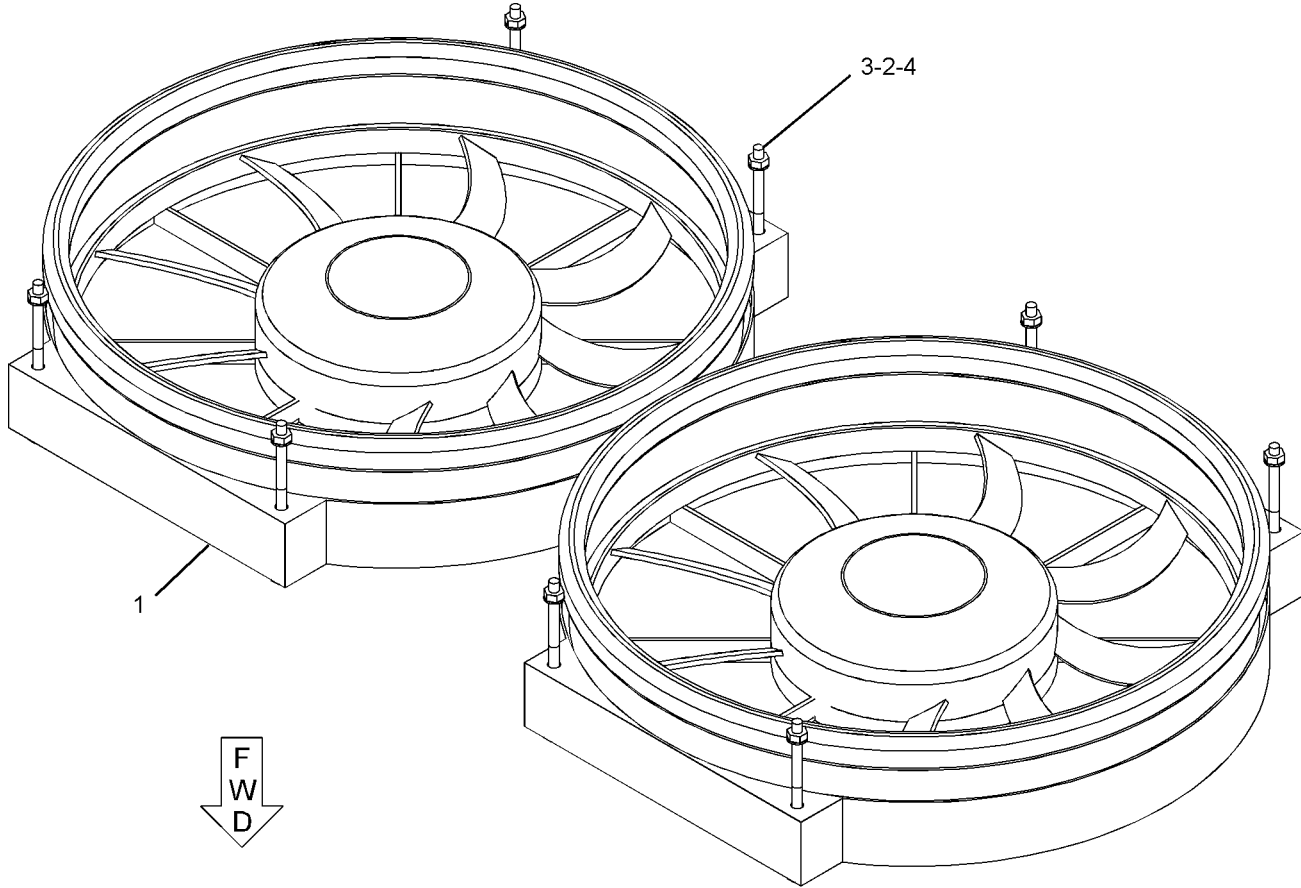
AN ATTACHMENT

SMCS-1356

i01851087

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	231-3640	2	FAN (9 BLADES)						
	2	1	231-3987	8	BOLT						
M	3	1	5C-8312	8	NUT (M4X0.7 THD)						
	4	1	8C-9660	16	WASHER (4.6X7.9X0.8MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01032212



# COOLING SYSTEM

## 210-6557 PUMP GP-AUXILIARY WATER

FOR USE WITH HEAT EXCHANGER, 210-6523-PAGE 92

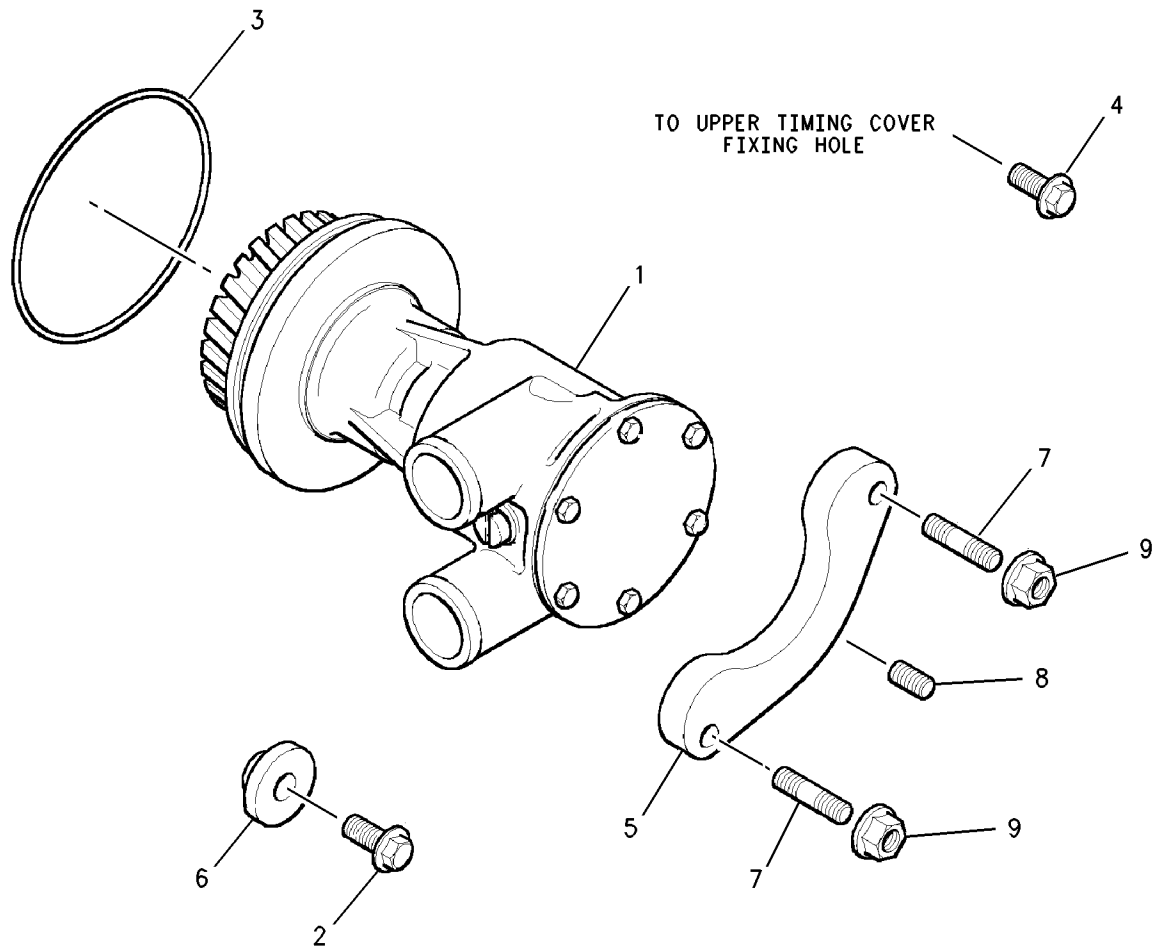
ALSO AN ATTACHMENT

SMCS-1371

i01983897

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	194-7207	1	PUMP GP-WATER						133
	2	1	6I-0303	1	BOLT (M10X1.5X30MM)						
	3	1	194-7151	1	SEAL-O-RING						
	4	1	113-4597	2	BOLT (M8X10MM)						
	5	1	194-7205	1	PLATE-CLAMP						
	6	1	194-7206	1	WASHER						
	7	1	100-3752	2	STUD (M8X30MM)						
	8	1	6I-0840	1	STUD (M8X20MM)						
	9	1	6I-0291	2	NUT (M8X1.25)						

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00825624





# COOLING SYSTEM

## 148-7192 PUMP GP-WATER

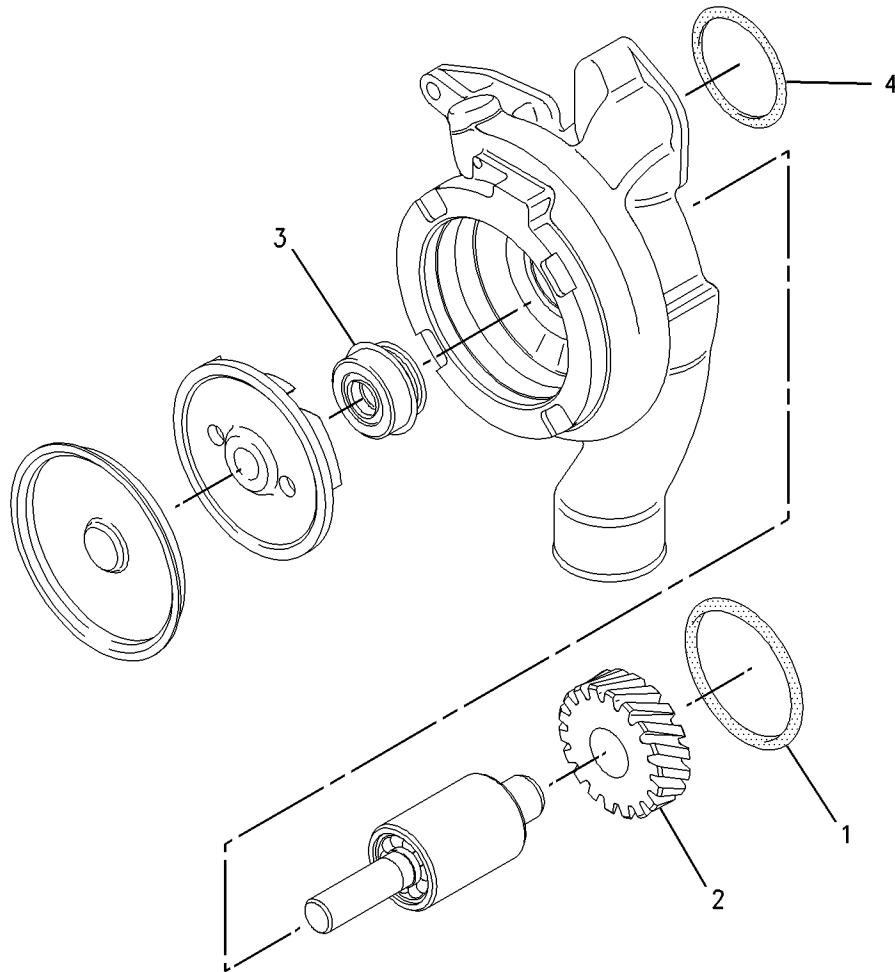
S/N: GSN1-UP

PART OF 214-5998 PUMP GP-WATER  
ALSO AN ATTACHMENT

SMCS-1361

i01998337

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-0444	1	SEAL						
	2	1	120-7712	1	GEAR						
	3	1	151-4838	1	SEAL						
	4	1	200-8129	1	SEAL-O-RING						
					AVAILABLE REPAIR KIT(S):						
			151-4846	1	KIT-PUMP (WATER)						



GRAPHIC #1

<END>

g00754838



# COOLING SYSTEM

## 194-7207 PUMP GP-WATER PART OF 210-6557 PUMP GP-AUXILIARY WATER ALSO AN ATTACHMENT

SMCS-1361

i01670620

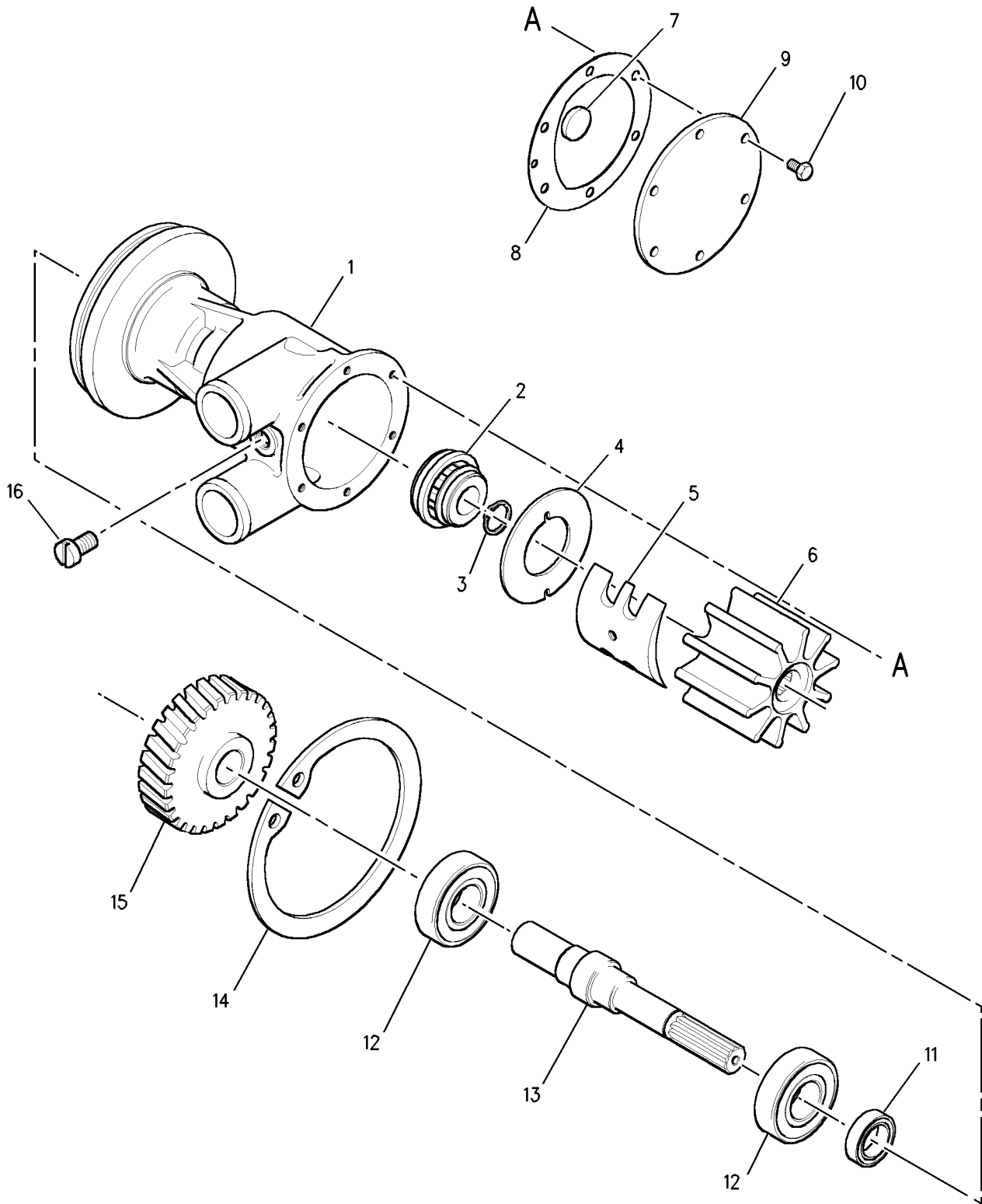
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	196-0402	1	HOUSING-PUMP						
	2	1	196-0394	1	SEAL AS						
	3	1	196-0387	1	RING-RETAINING						
	4	1	196-0388	1	PLATE-WEAR						
	5	1	196-0386	1	CAM						
	6	1	196-0390	1	IMPELLER-PUMP						
	7	1	196-0393	1	SEAL						
	8	1	196-0392	1	GASKET						
	9	1	196-0389	1	COVER-PUMP						
	10	1	196-0401	6	BOLT (M5X8MM)						
	11	1	199-1336	1	SEAL-SHAFT						
	12	1	196-0396	2	BEARING						
	13	1	196-0399	1	SHAFT-PUMP						
	14	1	196-0397	1	RING-RETAINING						
	15	1	196-0398	1	GEAR (28 TEETH)						
	16	1	196-0385	1	BOLT						



# COOLING SYSTEM

194-7207 PUMP GP-WATER (contd.)

i01670620



GRAPHIC #1

<END>

g00825847



# COOLING SYSTEM

## 214-5998 PUMP GP-WATER

S/N: GSN1-UP

ALSO AN ATTACHMENT

SMCS-1361

i01998336

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	<b>4W-8063</b>	2	REGULATOR-WATER TEMPERATURE						
	2	1	<b>6I-0260</b>	2	BOLT (M8X1.25X25MM)						
	3	1	<b>6I-0293</b>	2	BOLT (M8X1.25X80MM)						
	4	1	<b>6I-0448</b>	3	BOLT						
	5	1	<b>6I-0453</b>	1	GASKET						
	6	1	<b>6I-0456</b>	2	BOLT (M8X1.25X45MM)						
	7	1	<b>6I-0488</b>	1	KIT-HOSE (REGULATOR HOUSING)						
	8	1	<b>064-3058</b>	2	CLAMP-HOSE						
	9	1	<b>6I-0593</b>	2	BOLT (M10X1.5X30MM)						
	10	1	<b>6I-4045</b>	2	BOLT (M10X1.5X75MM)						
	11	1	<b>6I-4732</b>	1	HOUSING (REGULATOR)						
	12	1	<b>7C-3192</b>	1	COVER						
	13	1	<b>100-7611</b>	1	GASKET						
M	14	1	<b>101-3895</b>	2	BOLT (M8X1.25X35MM)						
	15	1	<b>124-3815</b>	3	BOLT (M8X16X1.25MM)						
	16	1	<b>141-0838</b>	1	CONNECTOR AS						
	17	1	<b>2B-0858</b>	2	PLUG-PIPE						
	18	1	<b>141-0837</b>	1	SEAL-O-RING						
Y	19	1	<b>148-7192</b>	1	PUMP GP-WATER						132

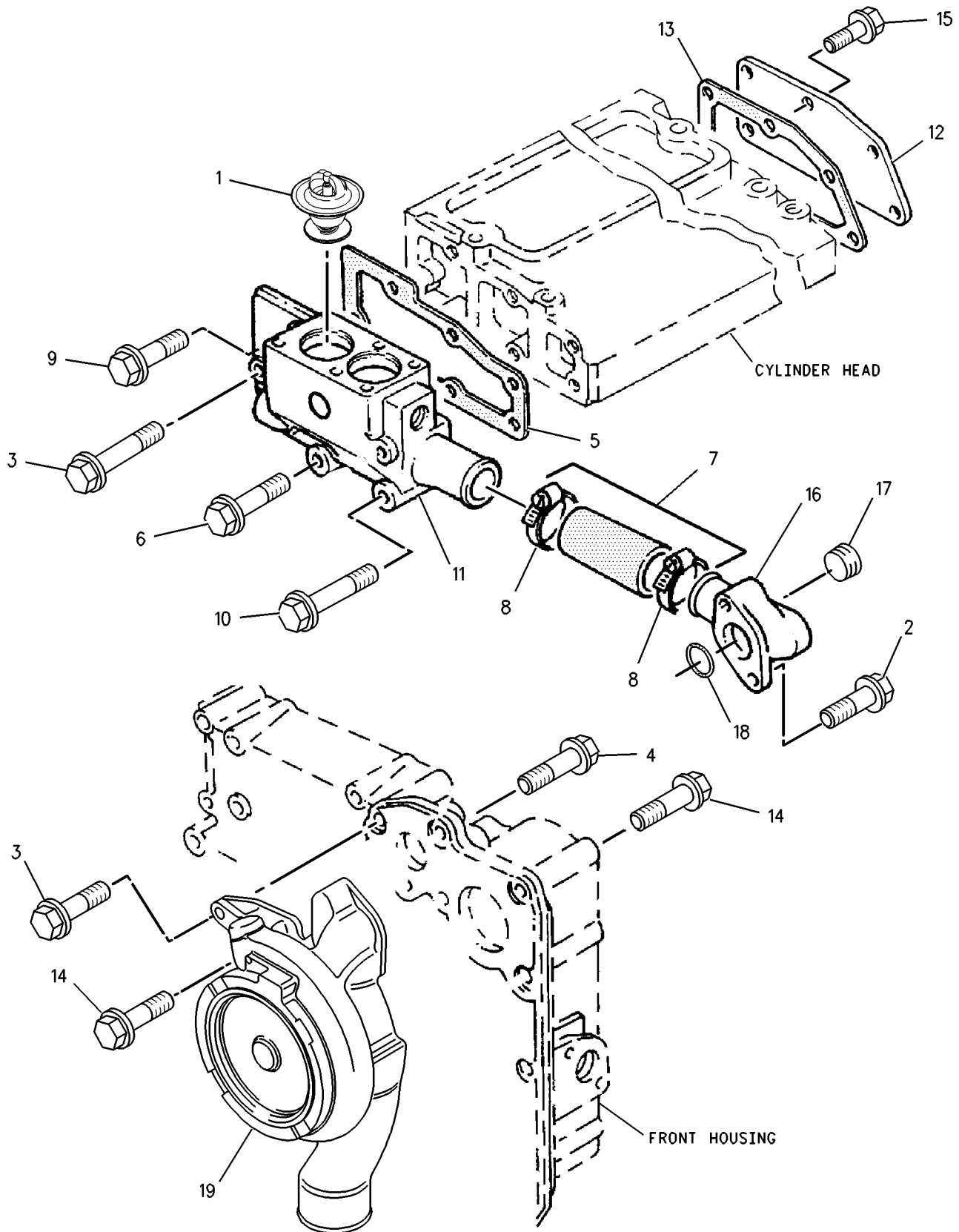
M-METRIC PART  
Y-SEPARATE ILLUSTRATION



# COOLING SYSTEM

214-5998 PUMP GP-WATER (contd.)

i01998336



GRAPHIC #1

<END>

g00857707



# COOLING SYSTEM

## 239-0648 PUMP GP-WATER

S/N: SNX1-UP

RAW WATER, BRONZE PEDESTAL  
AN ATTACHMENT

SMCS-1361

i01997846

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	238-9574	1	PUMP						
	2	1	237-2621	1	BRACKET						
	3	1	237-2622	1	BRACKET						
	4	1	237-2188	1	PLATE						
	5	1	237-2172	1	BRACKET						
	6	1	237-2339	1	BUSHING						
	7	1	237-2337	1	PULLEY						
	8	1	195-4618	2	ELBOW						
	9	1	193-5132	2	HOSE-ELBOW						
	10	1	238-9156	1	PIPE						
	11	1	124-6259	7	CLAMP-HOSE						
	12	1	237-2658	1	V-BELT (WATER PUMP)						
	13	1	237-2251	1	CAP						
	14	1	237-2248	1	CLIP						
	15	1	194-7181	1	WIRE AS-GROUND						
M	16	1	3C-3681	2	NUT (M6)						
	17	1	194-7184	2	LOCKWASHER						
	18	1	237-2660	2	SETSCREW						
	19	1	193-5165	2	WASHER (M10)						
	20	1	9F-4976	2	LOCKWASHER (13.2X17.5X2.5MM THK)						
	21	1	6I-0654	4	BOLT (M10X1.5X25MM)						
	22	1	6I-0594	8	NUT (M10X1.5)						
B	23	1	237-2173	7	SHIM						
	24	1	196-7652	2	BOLT (M10X25MM)						
	27	1	210-6794	1	TUBE						
	28	1	210-6797	1	BRACKET						
E	29	1	5P-1253		HOSE (3CM)						
	31	1	210-6798	1	HOSE						
	32	1	100-4838	4	BOLT (M6X20MM)						
	33	1	6I-0918	4	NUT (M6)						
	34	1	209-5502	1	COVER AS (TIMING GEAR)						
	35	1	209-5503	1	SEAL-COVER						
	36	1	6I-4072	5	BOLT (M8X1.25X14MM)						
	37	1	100-4830	1	BOLT (M10X1.5X20MM)						
	38	1	196-0278	1	WIRE AS						

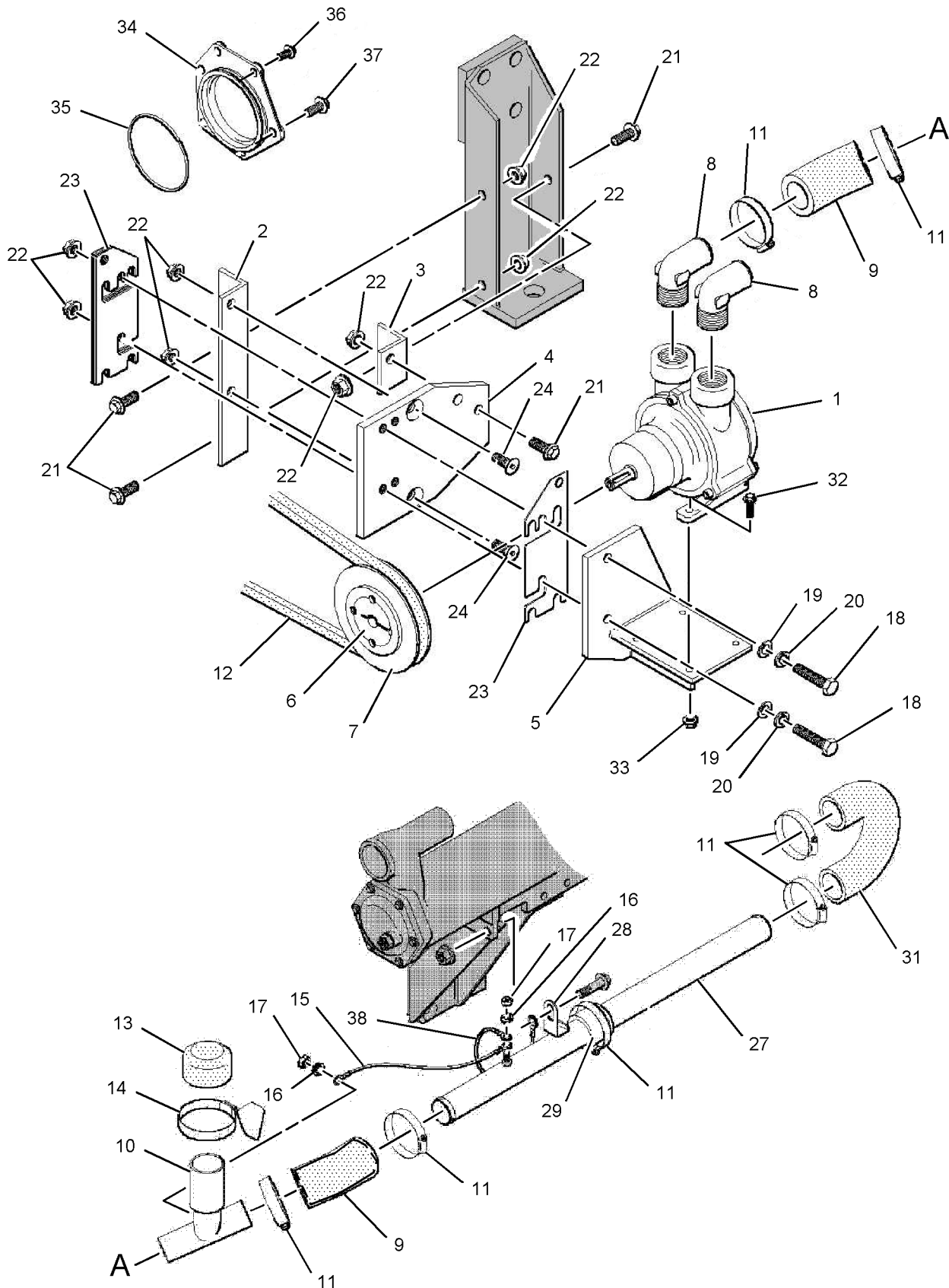
B-USE AS REQUIRED  
E-ORDER BY THE CENTIMETER  
M-METRIC PART



# COOLING SYSTEM

239-0648 PUMP GP-WATER (contd.)

i01997846



GRAPHIC #1

<END>

g01028651



# COOLING SYSTEM

## 210-6503 TANK GP-COOLANT

2 CONNECTION RETURN

ALSO AN ATTACHMENT

SMCS-1377

i01995417

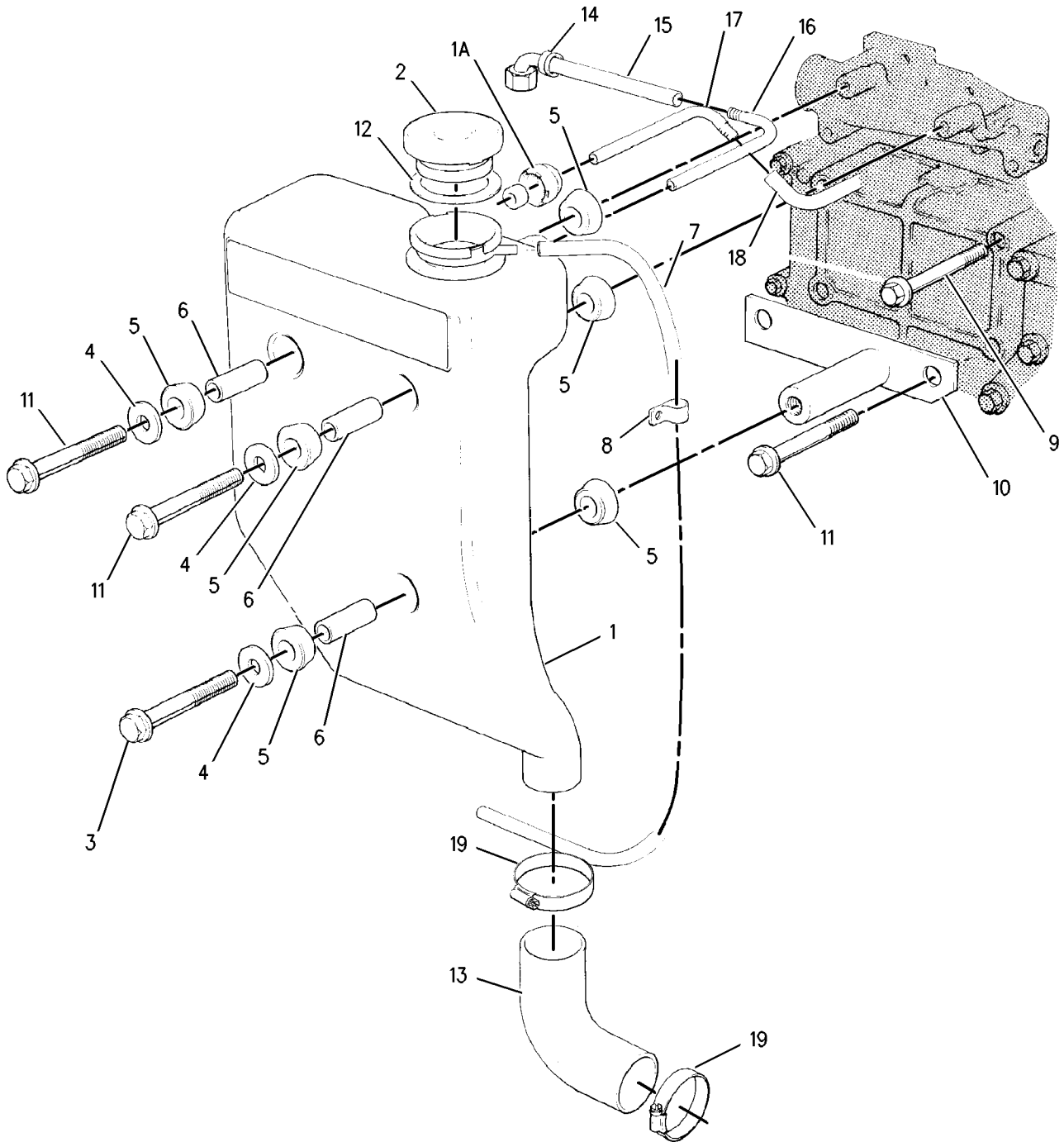
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	210-6714	1	TANK AS						
	1A	1	196-7645	2	CONNECTOR						
	2	1	230-5119	1	CAP (PRESSURE, 7PSI) (EXPANSION TANK)						
	3	1	101-7178	1	BOLT (M10X55MM)						
	4	1	8T-4121	3	WASHER-HARD (11X21X2.5MM THK)						
	5	1	194-7155	6	BUSHING-RUBBER						
	6	1	194-7156	3	SPACER (11MM)						
	7	1	205-2260	1	HOSE						
	8	1	205-8712	1	CLIP						
	10	1	210-6726	1	BRACKET						
	11	1	6I-0650	3	BOLT (M10X1.5X65MM)						
	12	1	210-6738	1	GASKET (EXPANSION TANK CAP)						
	13	1	193-5104	1	HOSE-ELBOW						
	14	1	193-5187	1	COUPLING-HOSE						
	15	1	210-6739	1	HOSE						
	16	1	194-7162	1	ELBOW						
	17	1	193-5123	1	TUBE						
	18	1	193-5154	1	HOSE						
	19	1	2S-3440	2	CLAMP-HOSE						



# COOLING SYSTEM

210-6503 TANK GP-COOLANT (contd.)

i01995417



GRAPHIC #1

<END>

g00856530



# COOLING SYSTEM

## 234-2487 TANK GP-COOLANT

S/N: SNX1-UP  
AN ATTACHMENT

SMCS-1377

i01998335

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	210-6714	1	TANK AS						
	1A	1	196-7645	2	CONNECTOR						
	2	1	230-5119	1	CAP (PRESSURE, 7PSI) (EXPANSION TANK)						
	3	1	101-7178	3	BOLT (M10X55MM)						
	4	1	8T-4121	3	WASHER-HARD (11X21X2.5MM THK)						
	5	1	194-7155	6	BUSHING-RUBBER						
	6	1	194-7156	3	SPACER (11MM)						
	7	1	205-2260	1	HOSE						
	9	1	210-7658	1	BRACKET						
	10	1	220-8311	1	BOLT						
	11	1	113-7584	2	BOLT (M10X110)						
	12	1	6V-0407	1	SEAL-BONDED						
	13	1	210-7668	1	HOSE						
	14	1	2S-3440	2	CLAMP-HOSE						
	15	1	5P-1465	15	HOSE						
	17	1	193-5123	2	TUBE						
	20	1	205-8712	1	CLIP						
	21	1	210-6738	1	GASKET (EXPANSION TANK CAP)						
E	22	1	5P-1465		HOSE (30CM)						
	23	1	193-5158	2	FITTING (1/4)						
	24	1	223-1755	1	SWITCH (COOLANT LEVEL)						
	25	1	223-1756	1	BRACKET						
	26	1	100-4463	2	BOLT (M10X1.5X80MM)						
	27	1	5C-1809	2	SPACER (8X19X6.5MM)						

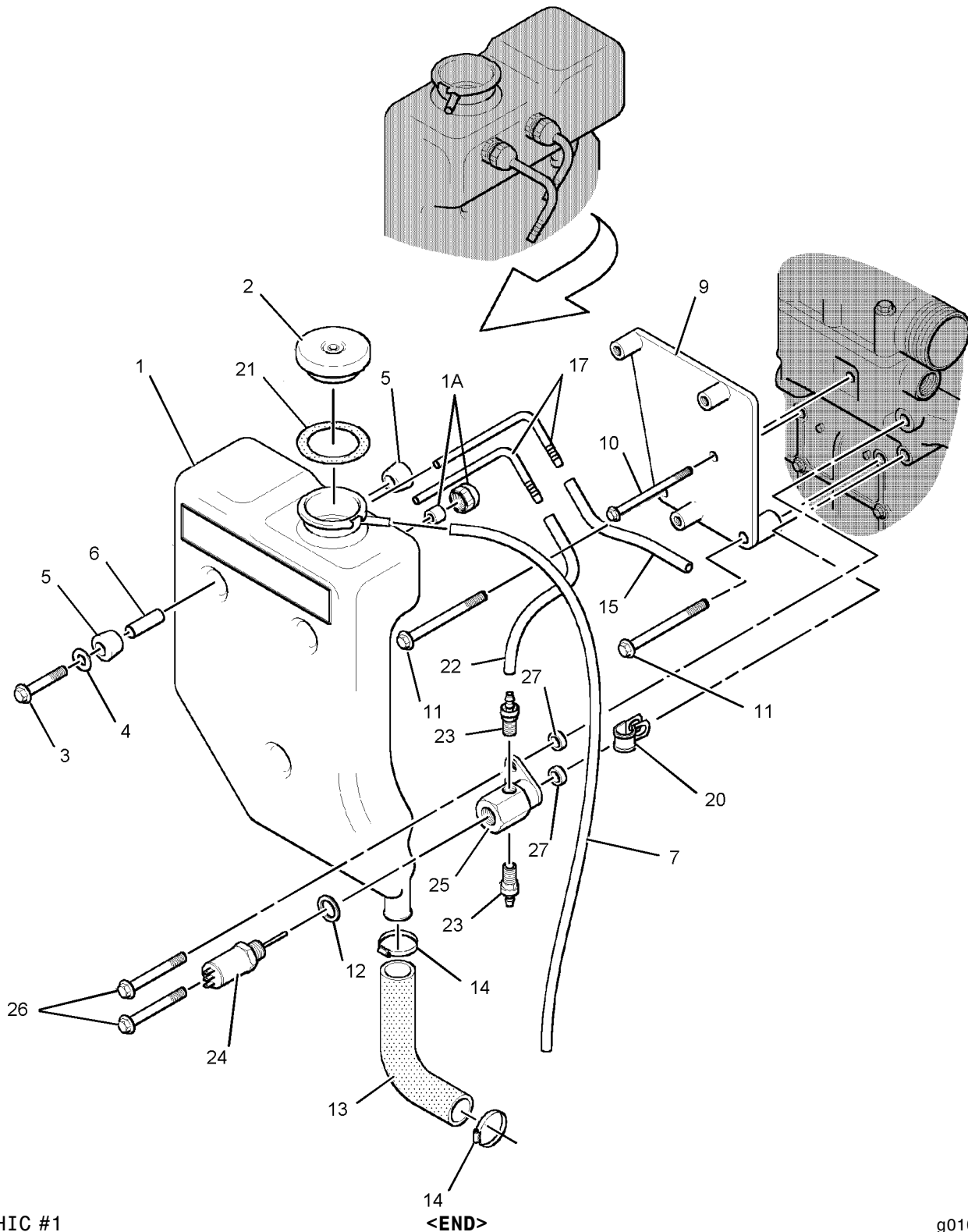
E-ORDER BY THE CENTIMETER



# COOLING SYSTEM

234 - 2487 TANK GP - COOLANT (contd.)

i01998335



GRAPHIC #1

<END>

g01032206



# COOLING SYSTEM

## 234-2514 TANK GP-COOLANT

S/N: SNX1-UP  
3 CONNECTION RETURN  
AN ATTACHMENT

SMCS-1377

i01997856

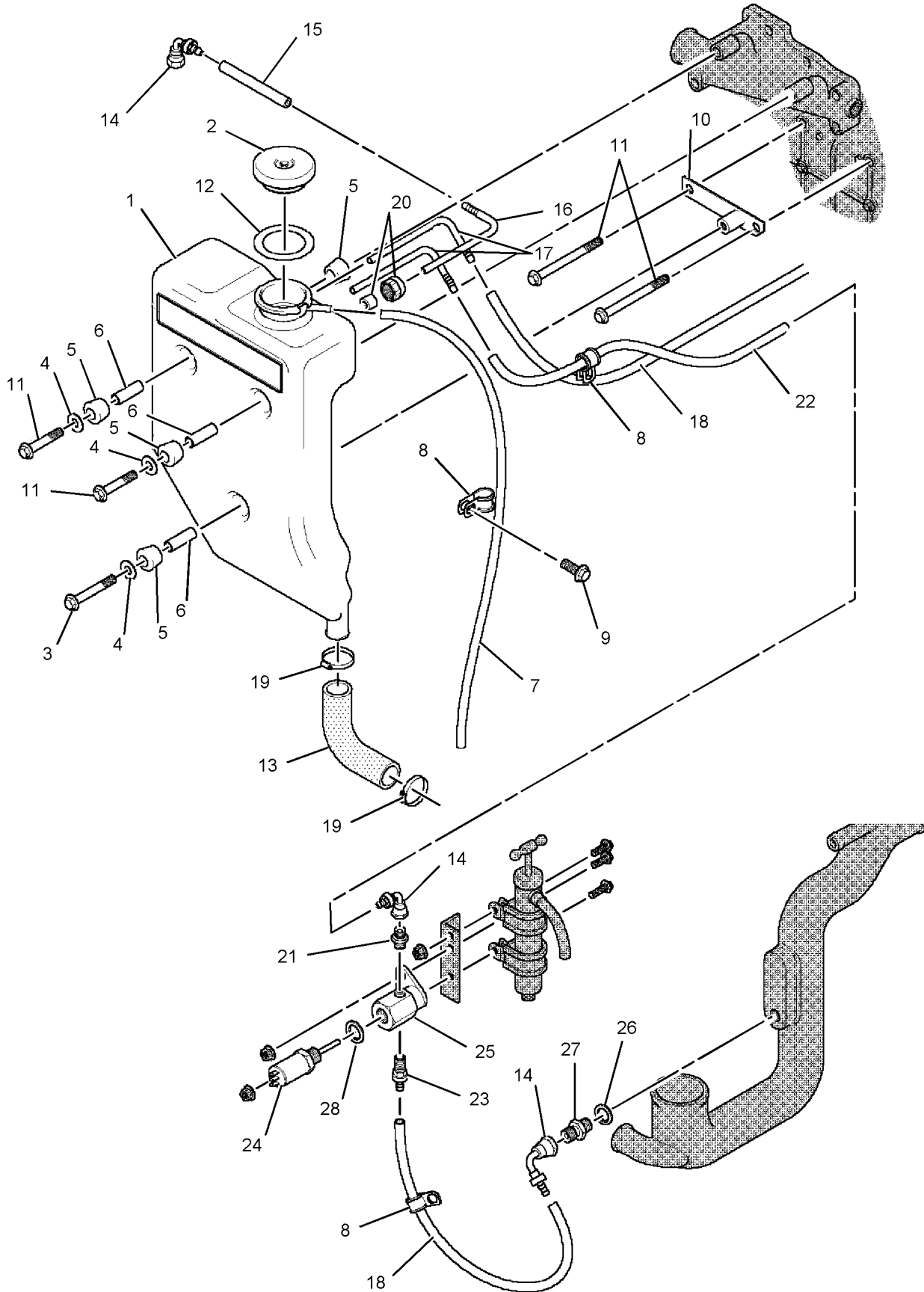
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
1	1	1	223-1753	1	TANK AS-COOLANT						
2	1	1	230-5119	1	CAP (PRESSURE, 7PSI) (EXPANSION TANK)						
3	1	1	101-7178	1	BOLT (M10X55MM)						
4	1	1	8T-4121	3	WASHER-HARD (11X21X2.5MM THK)						
5	1	1	194-7155	6	BUSHING-RUBBER						
6	1	1	194-7156	3	SPACER (11MM)						
7	1	1	205-2260	1	HOSE						
8	1	1	205-8712	3	CLIP						
9	1	1	6I-4200	1	BOLT (M10X1.5X16MM)						
10	1	1	210-6726	1	BRACKET						
11	1	1	6I-0650	4	BOLT (M10X1.5X65MM)						
12	1	1	210-6738	1	GASKET (EXPANSION TANK CAP)						
13	1	1	193-5104	1	HOSE-ELBOW (EXPANSION TANK CAP)						
14	1	1	193-5187	3	COUPLING-HOSE						
15	1	1	210-6739	1	HOSE						
16	1	1	194-7162	1	ELBOW						
17	1	1	193-5123	2	TUBE						
18	1	1	5P-1465	2	HOSE						
19	1	1	2S-3440	2	CLAMP-HOSE						
20	1	1	196-7645	3	CONNECTOR						
21	1	1	213-7483	1	ADAPTER						
22	1	1	5P-1465	1	HOSE						
23	1	1	193-5158	2	FITTING (1/4)						
24	1	1	223-1755	1	SWITCH (COOLANT LEVEL)						
25	1	1	223-1756	1	BRACKET						
26	1	1	219-1643	1	SEAL						
27	1	1	223-1751	1	ADAPTER						
28	1	1	6V-0407	1	SEAL-BONDED						



# COOLING SYSTEM

234 - 2514 TANK GP - COOLANT (contd.)

i01997856



GRAPHIC #1

<END>

g01026979



# COOLING SYSTEM

## 213-6969 TANK GP - EXPANSION

S/N: SNX1-UP

19 LITER. RECOMMENDED FOR KEEL COOLED ENGINE  
AN ATTACHMENT

SMCS - 1354

i01997878

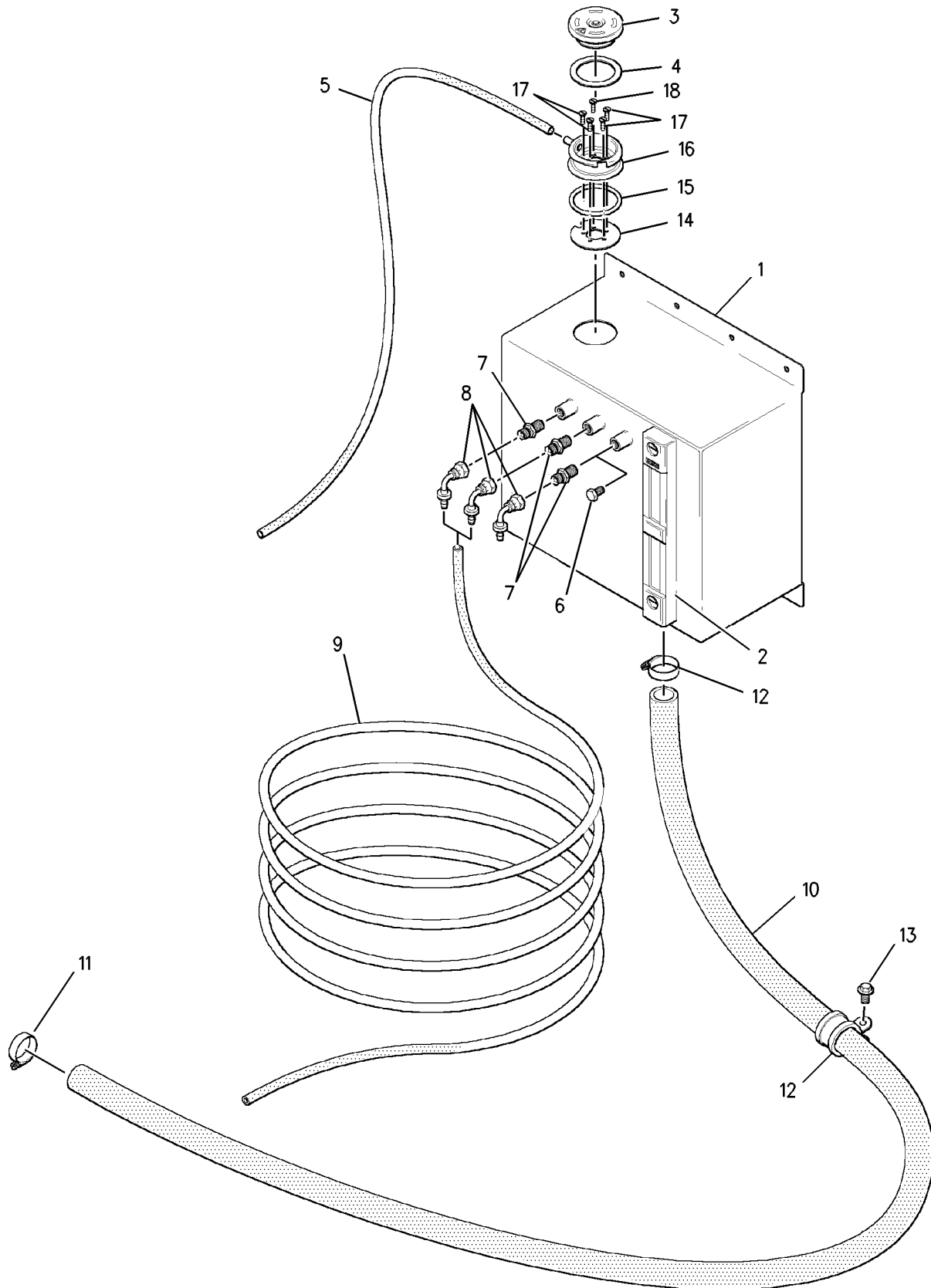
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	213-7490	1	TANK						
	2	1	213-7482	1	GAUGE-SIGHT (FLUID LEVEL)						
	3	1	230-5119	1	CAP (PRESSURE, 7PSI) (EXPANSION TANK)						
	4	1	210-6738	1	GASKET (EXPANSION TANK CAP)						
	5	1	205-2260	1	HOSE						
	6	1	194-7148	1	PLUG						
	7	1	213-7483	3	ADAPTER						
	8	1	193-5187	3	COUPLING-HOSE						
	9	1	234-2610	1	HOSE						
	10	1	234-2611	1	HOSE						
	11	1	124-6259	2	CLAMP-HOSE						
	12	1	213-7486	1	CLIP						
	13	1	6I-4200	1	BOLT (M10X1.5X16MM)						
	14	1	213-7487	1	RING						
	15	1	213-7488	1	SEAL-O-RING						
	16	1	213-7491	1	TUBE AS-FILLER						
	17	1	195-4677	4	SCREW-MACHINE (M4X16MM)						
	18	1	213-7489	1	SCREW (M4X25MM)						



# COOLING SYSTEM

213-6969 TANK GP - EXPANSION (contd.)

i01997878



GRAPHIC #1

<END>

g00851329



# COOLING SYSTEM

## 223-1746 TANK GP-EXPANSION

S/N: SNX1-UP

FOR USE WITH SWITCH GP-FRESH WATER LEVEL, 223-1745-PAGE 101, 223-1748-PAGE 76,  
223-1749-PAGE 104  
AN ATTACHMENT

SMCS-1354

i01997855

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	6I-0650	4	BOLT (M10X1.5X65MM)						
	101-7178	1	BOLT (M10X55MM)						
	193-5104	1	HOSE-ELBOW						
	193-5123	2	TUBE						
	8T-4121	3	WASHER-HARD (11X21X2.5MM THK)						
E	5P-1465		HOSE (86CM)						
	193-5158	1	FITTING (1/4)						
	193-5187	3	COUPLING-HOSE						
	2S-3440	2	CLAMP-HOSE						
	194-7155	6	BUSHING-RUBBER						
	194-7156	3	SPACER (11MM)						
	194-7162	1	ELBOW						
	195-4615	2	STRAP						
	196-7645	3	CONNECTOR						
	6V-0407	1	SEAL-BONDED						
	205-2260	1	HOSE						
	205-8712	1	CLIP						
	210-6726	1	BRACKET						
	210-6738	1	GASKET (EXPANSION TANK CAP)						
	210-6739	1	HOSE						
	213-7483	1	ADAPTER						
	219-1643	1	SEAL						
	223-1751	1	ADAPTER						
	223-1753	1	TANK AS-COOLANT						
	223-1755	1	SWITCH (COOLANT LEVEL)						
	223-1756	1	BRACKET						
E	5P-1465		HOSE (41CM)						
	230-5119	1	CAP (PRESSURE, 7PSI) (EXPANSION TANK)						
E-ORDER BY THE CENTIMETER									

<END>





# AIR INLET AND EXHAUST SYSTEM

## 212-4457 AIR CLEANER GP ALSO AN ATTACHMENT

SMCS-1051, 1054

i01642182

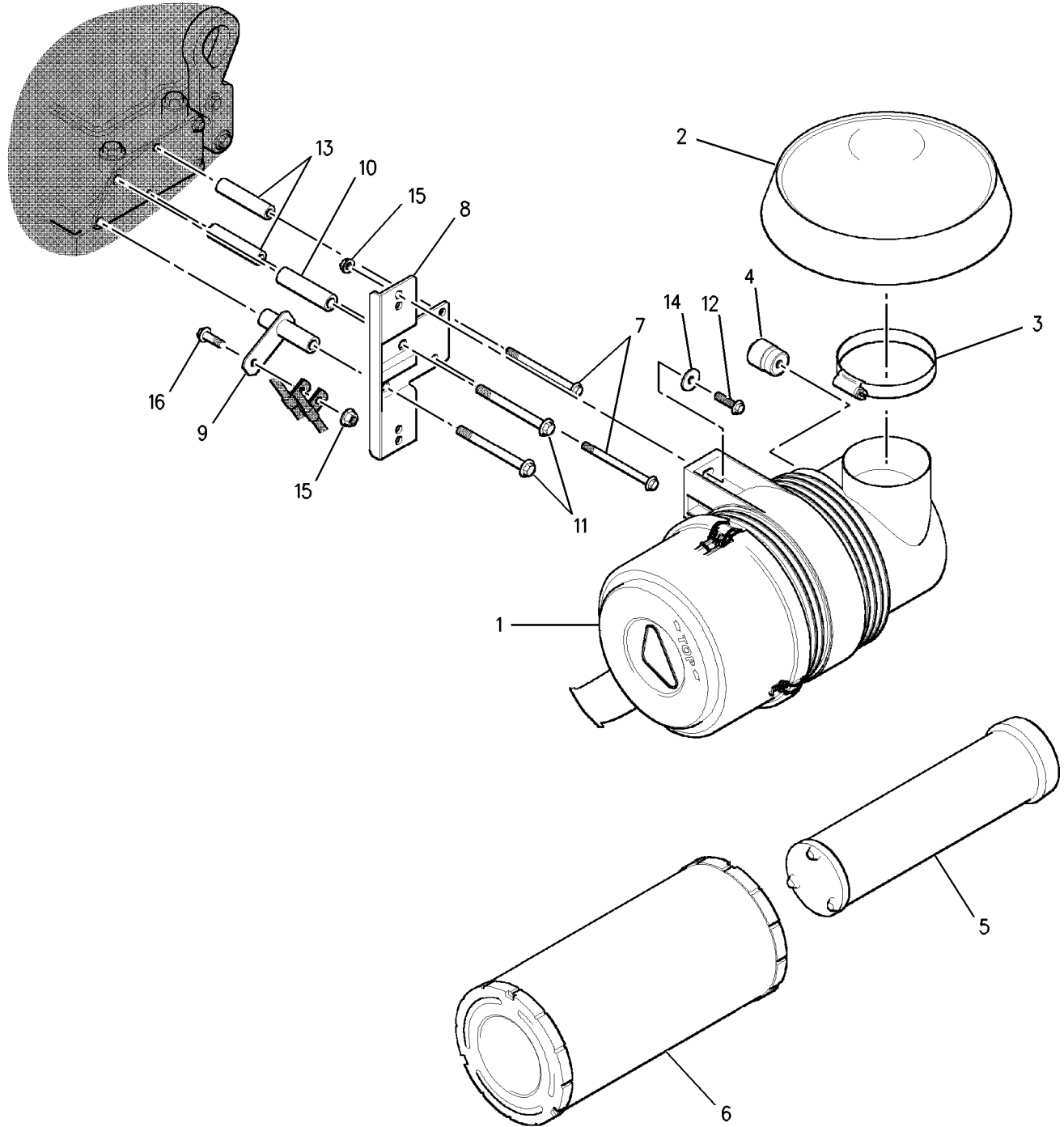
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	210-6761	1	AIR CLEANER GP						
	2	1	101-7856	1	CAP (AIR CLEANER)						
	3	1	212-4476	1	CLAMP						
	4	1	101-7176	1	INDICATOR (AIR RESTRICTION)						
	5	1	212-4477	1	FILTER ELEMENT-AIR (SECONDARY)						
	6	1	212-4478	1	FILTER ELEMENT-AIR (PRIMARY)						
	7	1	6I-4709	2	BOLT (M8X1.25X100MM)						
	8	1	214-6326	1	BRACKET-MOUNTING						
	9	1	210-6765	1	SPACER (11X19X73MM THK)						
	10	1	210-6766	1	SPACER (11X19X73MM THK)						
	11	1	103-0050	2	BOLT (M10X100MM)						
	12	1	6I-0254	2	BOLT (M8X1.25X30MM)						
	13	1	210-6767	2	SPACER (8.5X16X73MM THK)						
	14	1	8C-0572	2	WASHER (8.8X25.5X2MM THK)						
	15	1	6I-0291	3	NUT (M8X1.25)						
	16	1	6I-0260	1	BOLT (M8X1.25X25MM)						



# AIR INLET AND EXHAUST SYSTEM

212-4457 AIR CLEANER GP (contd.)

i01642182



GRAPHIC #1

<END>

g00850678



# AIR INLET AND EXHAUST SYSTEM

## 214-6339 AIR CLEANER GP

S/N: GSN1-UP  
ALSO AN ATTACHMENT

SMCS-1051, 1054

i01647695

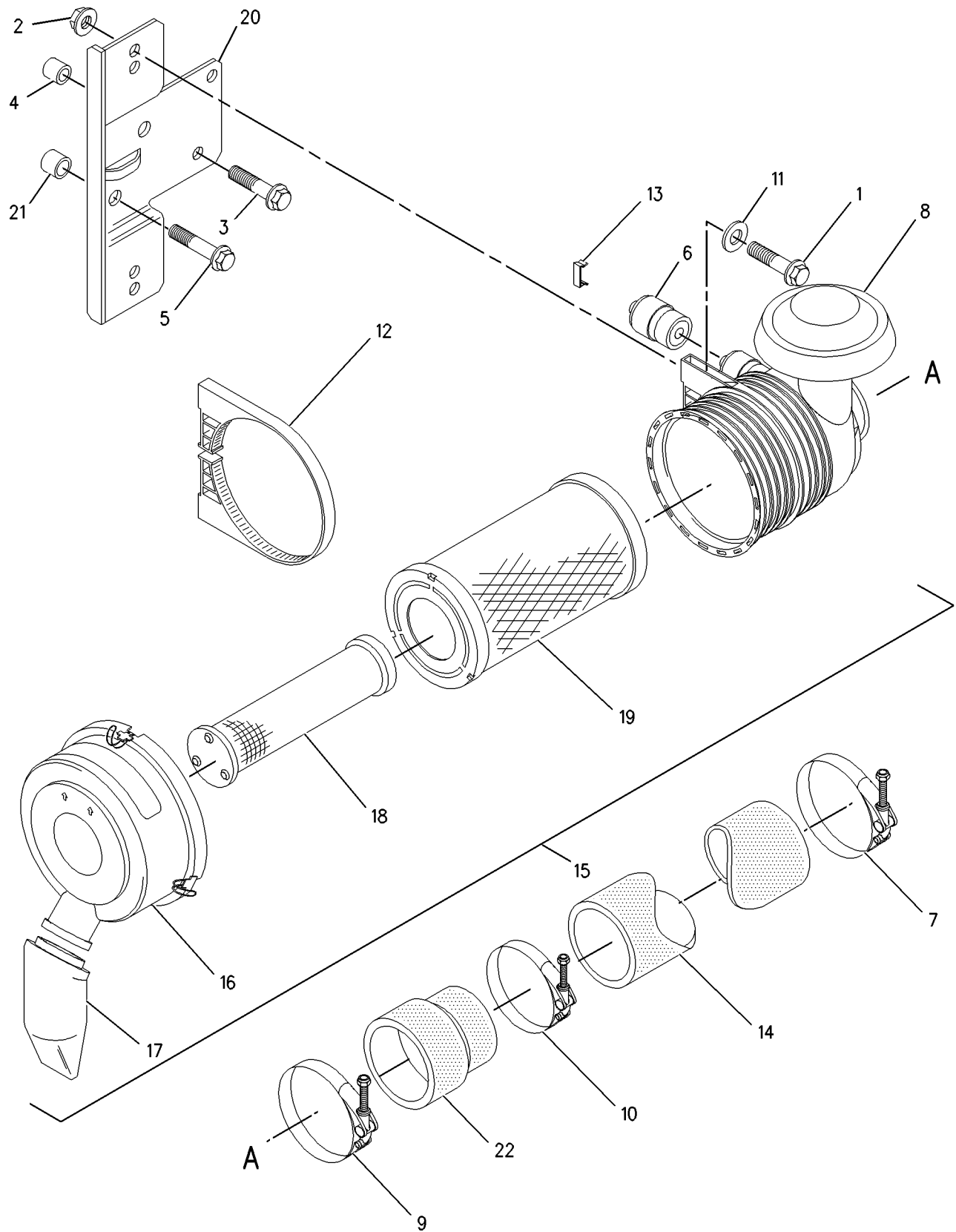
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
1	1		6I-0254	2	BOLT (M8X1.25X30MM)						
2	1		6I-0291	2	NUT (M8X1.25)						
3	1		6I-0456	2	BOLT (M8X1.25X45MM)						
4	1		037-1427	2	SPACER						
5	1		100-4461	2	BOLT (M10X50MM)						
6	1		101-7176	1	INDICATOR (AIR RESTRICTION)						
7	1		101-7181	1	CLIP						
8	1		101-7856	1	CAP (AIR CLEANER)						
9	1		101-7860	1	CLIP						
10	1		104-2090	2	CLIP						
11	1		8C-0572	2	WASHER (8.8X25.5X2MM THK)						
12	1		175-2584	1	BRACKET						
13	1		175-2586	1	CLIP						
14	1		210-6623	1	HOSE						
15	1		214-2442	1	FILTER AS-AIR						
16	1		127-9376	1	COVER						
17	1		127-9377	1	VALVE-AIR CLEANER DUST						
18	1		212-4477	1	FILTER ELEMENT-AIR (SECONDARY)						
19	1		212-4478	1	FILTER ELEMENT-AIR (PRIMARY)						
20	1		214-6326	1	BRACKET-MOUNTING						
21	1		214-6328	2	SPACER						
22	1		214-6333	1	HOSE						



# AIR INLET AND EXHAUST SYSTEM

214-6339 AIR CLEANER GP (contd.)

i01647695



GRAPHIC #1

<END>

g00856470



# AIR INLET AND EXHAUST SYSTEM

## 210-6427 CONNECTION GP-EXHAUST

S/N: SNX1-UP

VERTICAL OUTLET, DRY

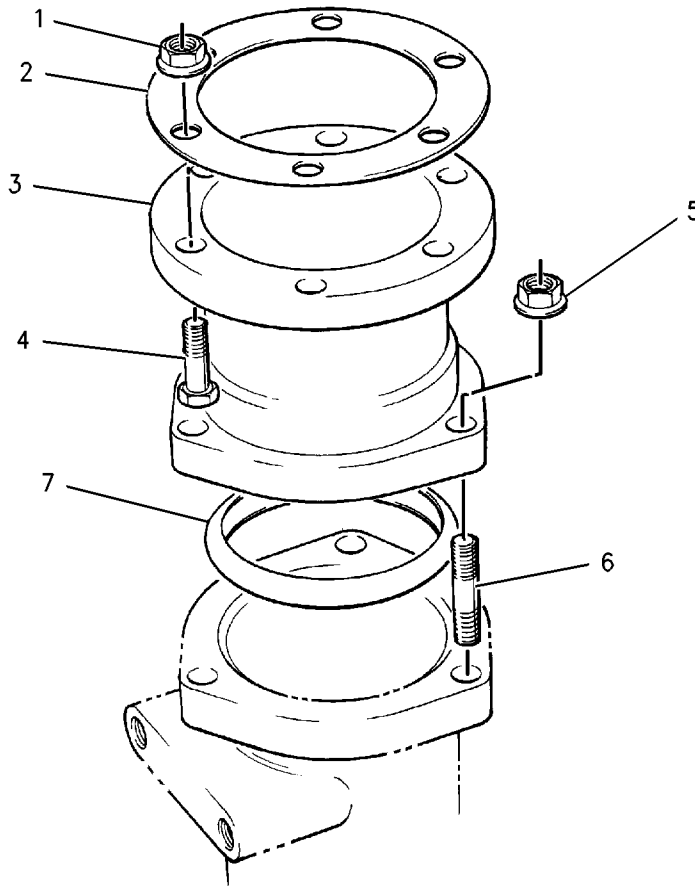
FOR USE WITH 198-4217-PAGE 154, 198-4125-PAGE 155

AN ATTACHMENT

SMCS-1061

i01633699

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	101-3803	6	NUT (SPIRALOCK M8)						
	2	1	7W-4566	1	GASKET - TURBOCHARGER						
	3	1	210-6651	1	ADAPTER						
	4	1	195-4667	6	BOLT (M8X35)						
	5	1	6I-0563	3	NUT (M10)						
	6	1	100-4003	3	STUD (M10X35)						
	7	1	7C-1243	1	RING						



GRAPHIC #1

<END>

g00850022



# AIR INLET AND EXHAUST SYSTEM

## 210-6436 ELBOW GP-EXHAUST

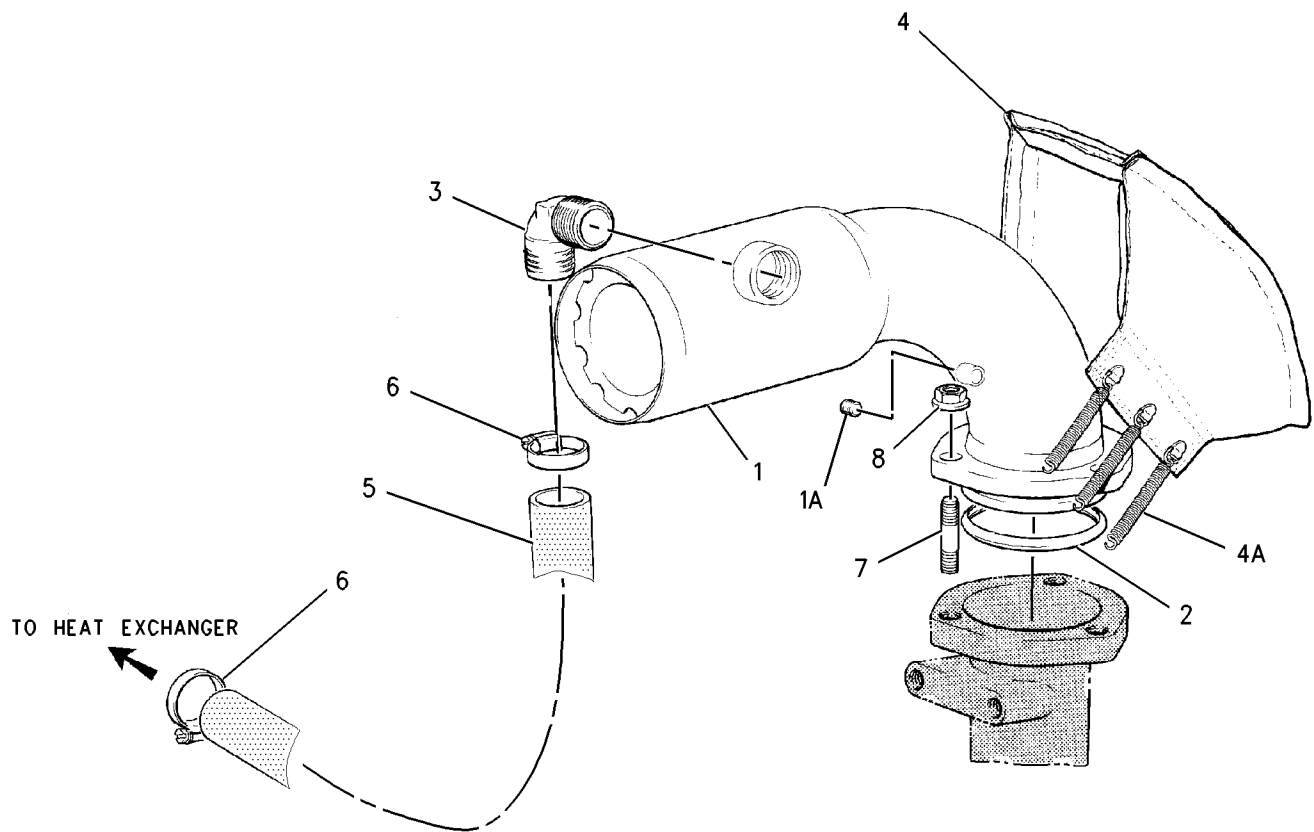
S/N: SNX1-UP

4 INCH, 15 DEGREE DOWN . WET  
AN ATTACHMENT

SMCS-1061

i01795193

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	210-6667	1	ELBOW-EXHAUST						
	1A	1	195-4639	1	PLUG (1/8)						
	2	1	7C-1243	1	RING						
	3	1	195-4618	1	ELBOW						
	4	1	196-0279	1	SHIELD AS-HEAT						
	4A	1	196-7657	3	SPRING						
	5	1	210-9556	1	HOSE						
	6	1	9M-2904	2	CLAMP-HOSE						
	7	1	100-4003	3	STUD (M10X35)						
	8	1	6I-0563	3	NUT (M10)						



GRAPHIC #1

<END>

g00919072



# AIR INLET AND EXHAUST SYSTEM

## 198-4217 EXHAUST GP-FLEXIBLE

S/N: SNX1-UP

MODULAR, 177MM, VERTICAL OUTLET

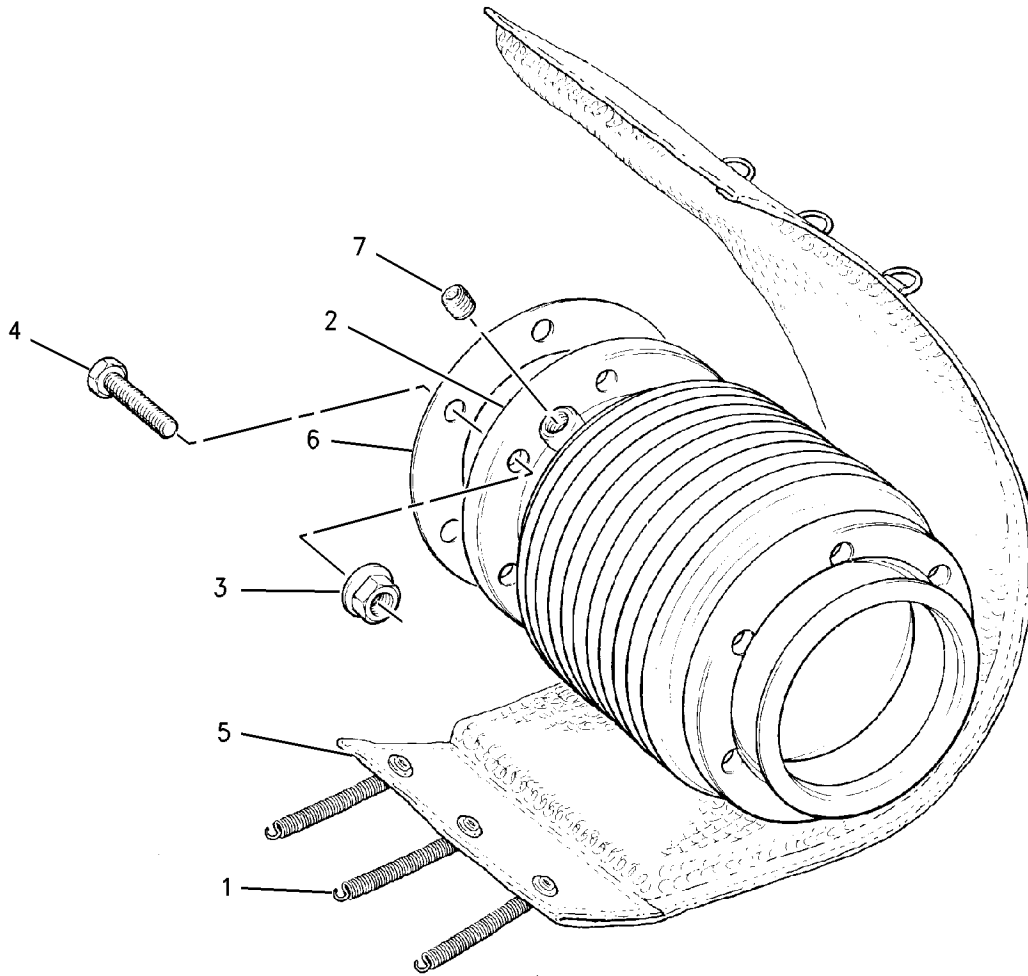
FOR USE WITH 198-4125-PAGE 155, 210-6427-PAGE 152

AN ATTACHMENT

SMCS-1061

i01624316

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	196-7657	3	SPRING						
	2	1	195-4654	1	BELLOWS AS- EXHAUST						
	3	1	101-3803	6	NUT (SPIRALOCK M8)						
	4	1	195-4667	6	BOLT (M8X35)						
	5	1	196-0280	1	SHIELD AS-HEAT						
	6	1	7W-4566	1	GASKET -TURBOCHARGER						
	7	1	195-4639	1	PLUG (1/8)						



GRAPHIC #1

<END>

g00756206



# AIR INLET AND EXHAUST SYSTEM

## 198-4125 FLANGE GP - EXHAUST

S/N: SNX1-UP

MODULAR, DRY

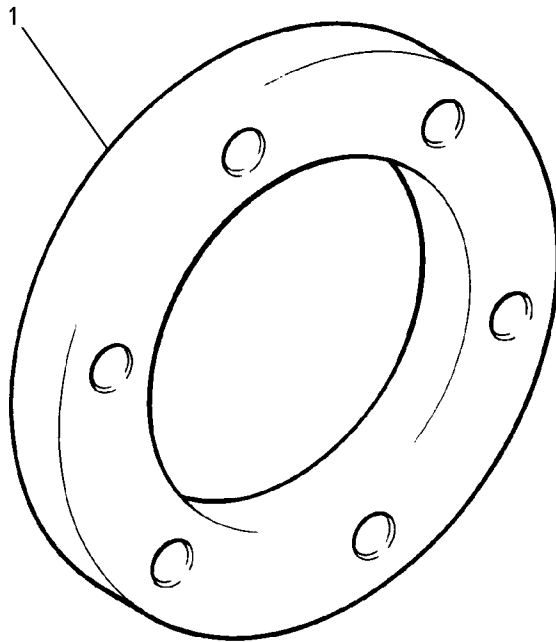
FOR USE WITH 210-6427-PAGE 152, 198-4217-PAGE 154

AN ATTACHMENT

SMCS-1061

i01624294

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	195-4669	1	FLANGE - EXHAUST						



GRAPHIC #1

<END>

g00749135





# AIR INLET AND EXHAUST SYSTEM

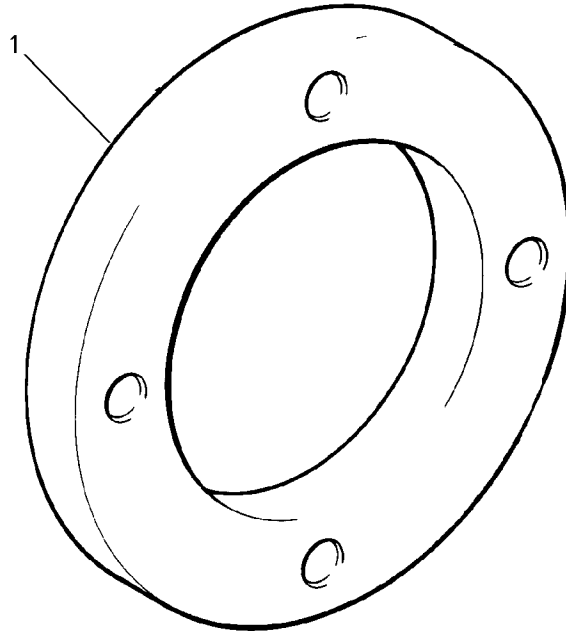
## 198-4129 FLANGE GP - EXHAUST

S/N: SNX1-UP  
AN ATTACHMENT

SMCS - 1061

i01624301

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	195-4718	1	FLANGE - EXHAUST						



GRAPHIC #1

<END>

g00749095



# AIR INLET AND EXHAUST SYSTEM

## 210-6426 FLANGE GP - EXHAUST

S/N: SNX1-UP

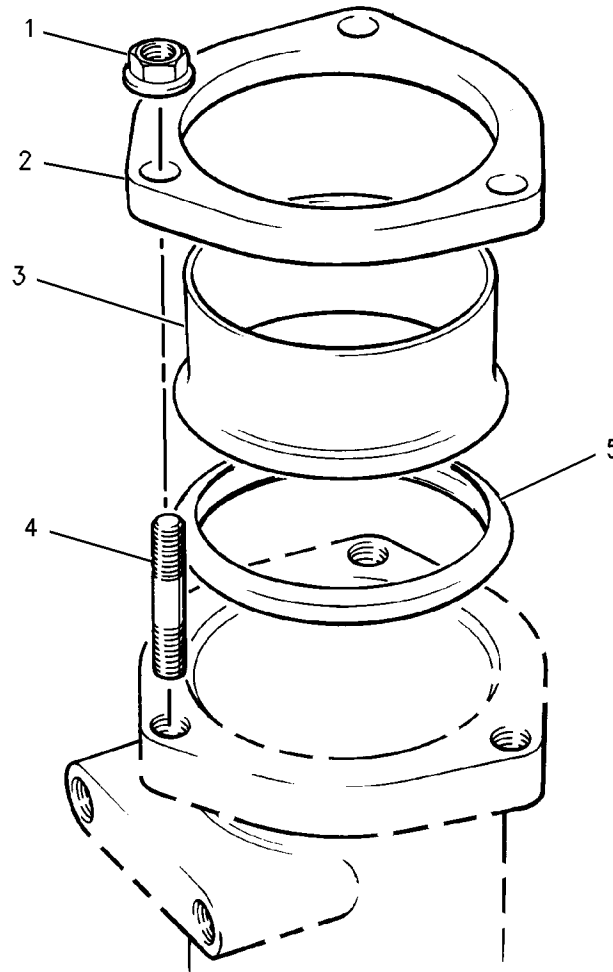
RING ONLY, VERTICAL OUTLET, 3 INCH

PART OF 223-3299, 223-3301, 223-3302, 223-3303 ENGINE AIR ATTACHMENT

SMCS-1061

i01633696

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-0563	3	NUT (M10)						
	2	1	7R-6290	1	FLANGE						
	3	1	100-4002	1	ADAPTER						
	4	1	100-4003	3	STUD (M10X35)						
	5	1	7C-1243	1	RING						



GRAPHIC #1

<END>

g00849751



# AIR INLET AND EXHAUST SYSTEM

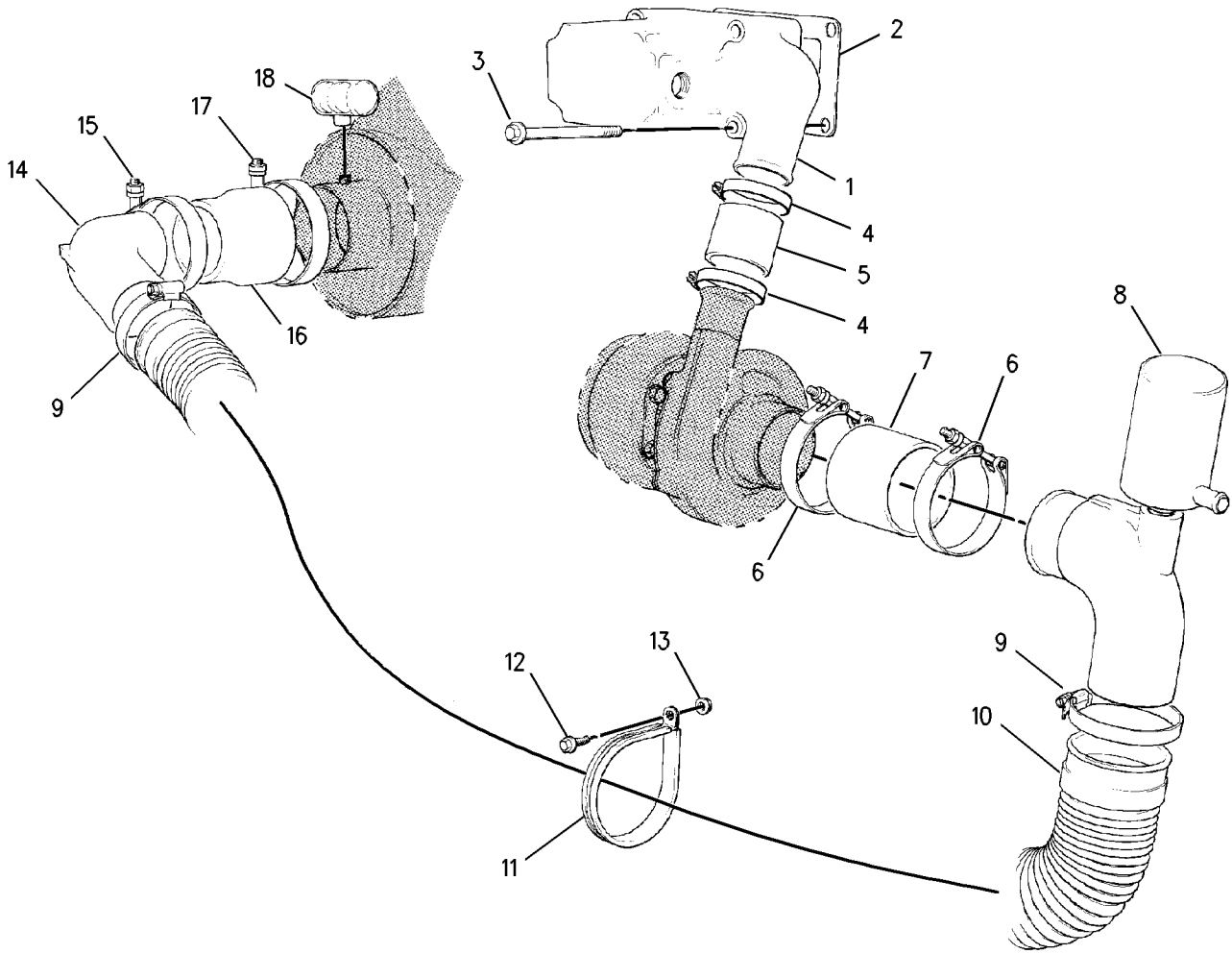
## 210-6421 LINES GP-AIR

S/N: GSN1-UP  
ALSO AN ATTACHMENT

SMCS-1071

i01998334

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	210-6622	1	DUCT-AIR						
	2	1	141-7842	1	GASKET-CONNECTING						
	3	1	100-4463	4	BOLT (M10X1.5X80MM)						
	4	1	064-3058	2	CLAMP-HOSE						
	5	1	7W-2623	1	HOSE						
	6	1	104-2090	2	CLIP						
	7	1	210-6623	1	HOSE						
	8	1	210-7560	1	ELBOW						
	9	1	1W-4724	2	CLAMP-HOSE						
	10	1	210-6624	1	HOSE						
	11	1	210-6625	1	CLIP						
	12	1	106-8916	1	BOLT (M6X16MM)						
	13	1	6I-0918	1	NUT (M6)						
	14	1	210-6626	1	ELBOW						
	15	1	101-7181	1	CLIP						
	16	1	210-6627	1	HOSE-REDUCER						
	17	1	101-7860	1	CLIP						
	18	1	210-6628	1	INDICATOR (AIR RESTRICTION)						



GRAPHIC #1

<END>

g00856262



# AIR INLET AND EXHAUST SYSTEM

## 218-0461 LINES GP-AIR

ALSO AN ATTACHMENT

SMCS-1071

i01998331

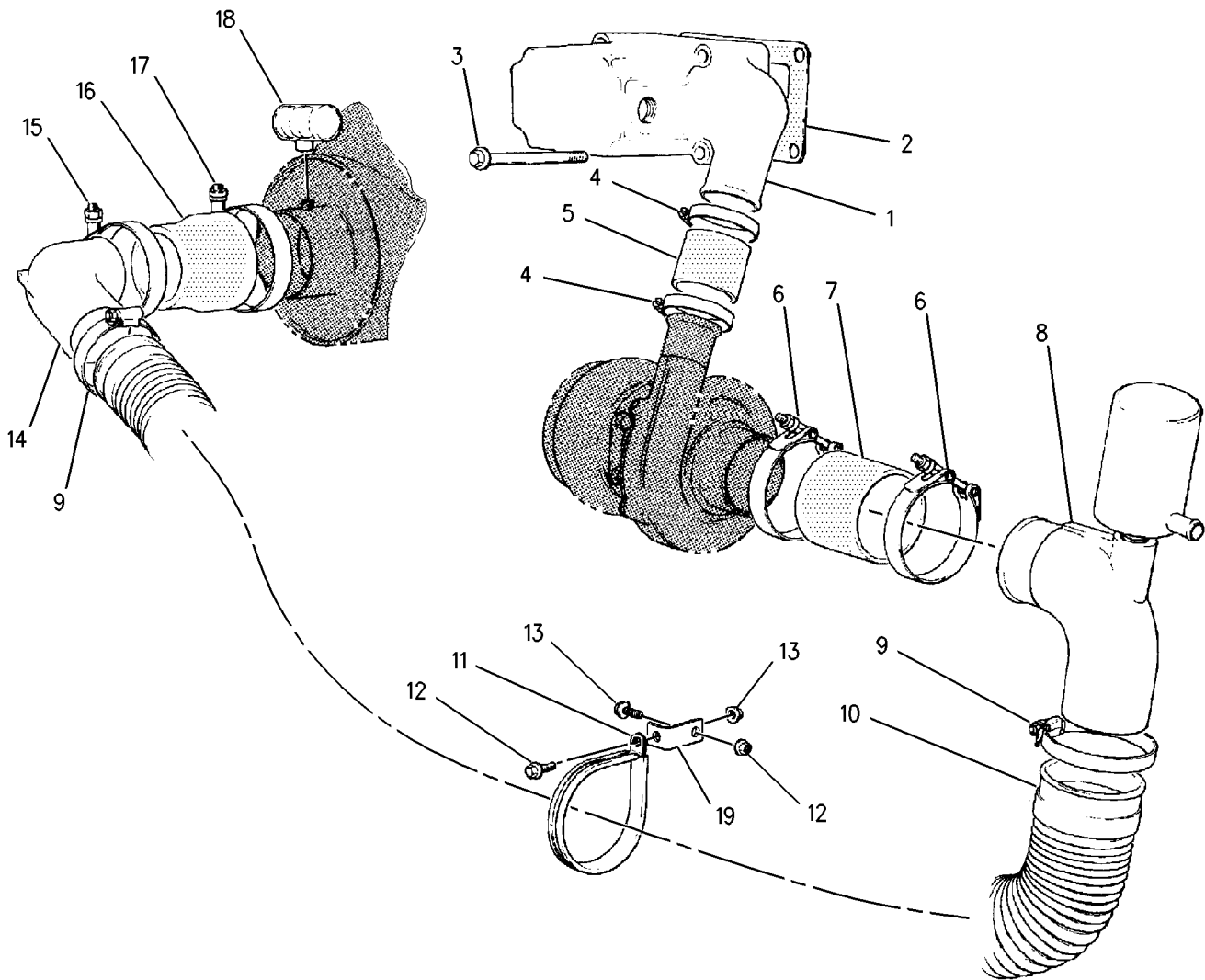
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	210-6622	1	DUCT-AIR						
	2	1	141-7842	1	GASKET-CONNECTING						
	3	1	100-4463	4	BOLT (M10X1.5X80MM)						
	4	1	064-3058	2	CLAMP-HOSE						
	5	1	7W-2623	1	HOSE						
	6	1	104-2090	2	CLIP						
	7	1	210-6623	1	HOSE						
	8	1	210-7560	1	ELBOW						
	9	1	1W-4724	2	CLAMP-HOSE						
	10	1	210-6624	1	HOSE						
	11	1	210-6625	1	CLIP						
	12	1	106-8916	2	BOLT (M6X16MM)						
	13	1	6I-0918	2	NUT (M6)						
	14	1	210-6626	1	ELBOW						
	15	1	101-7181	1	CLIP						
	16	1	210-6627	1	HOSE-REDUCER						
	17	1	101-7860	1	CLIP						
	18	1	210-6628	1	INDICATOR (AIR RESTRICTION)						
	19	1	218-0455	1	BRACKET						



# AIR INLET AND EXHAUST SYSTEM

218-0461 LINES GP-AIR (contd.)

i01998331



GRAPHIC #1

<END>

g00862134



# AIR INLET AND EXHAUST SYSTEM

## 210-6425 MANIFOLD GP-EXHAUST

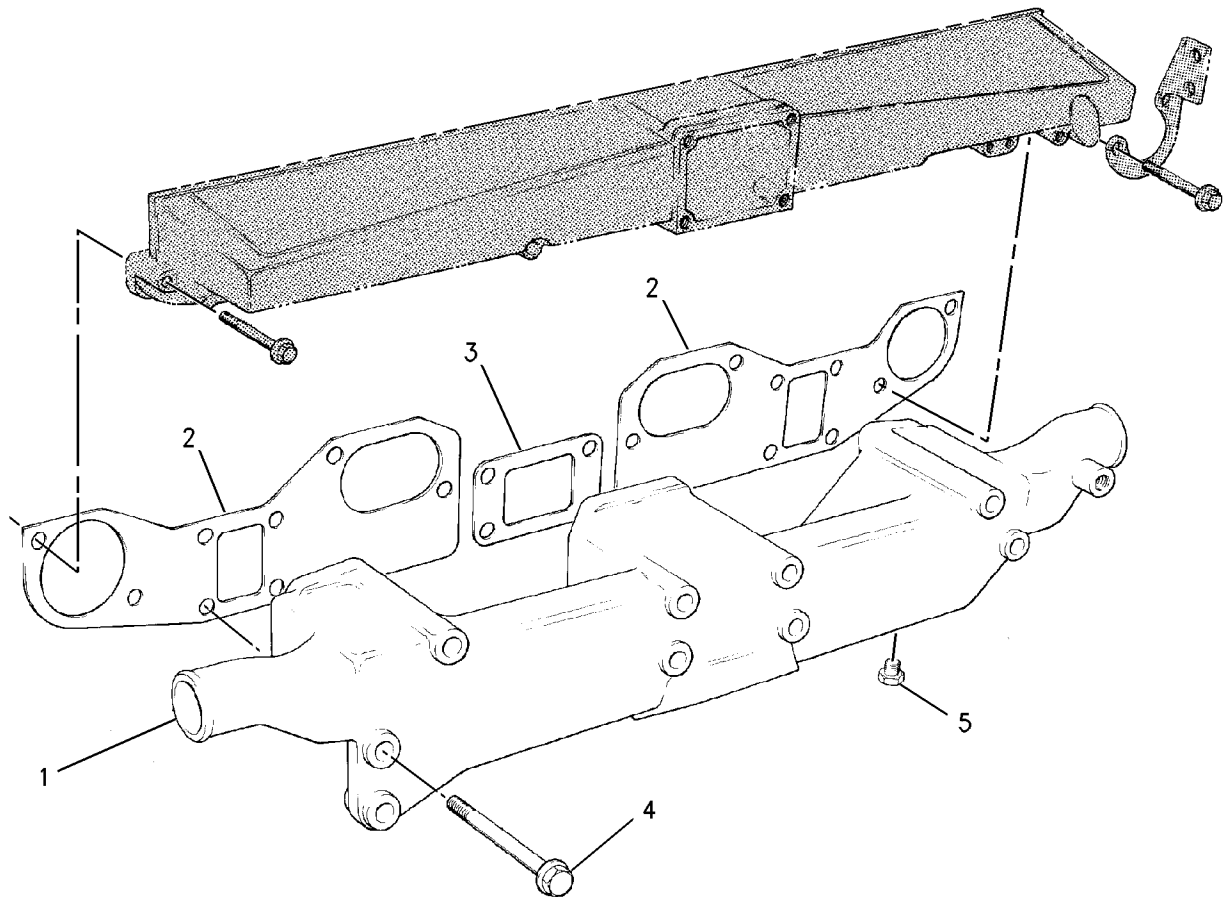
WATERCOOLED, CENTRAL TURBO

ALSO AN ATTACHMENT

SMCS-1059

i01633691

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	210-6648	1	MANIFOLD-EXHAUST						
	2	1	193-5107	2	GASKET (MANIFOLD-OUTER)						
	3	1	193-5110	1	GASKET (MANIFOLD-INNER)						
	4	1	100-4715	8	BOLT (M10X130)						
	5	1	194-7148	1	PLUG (1/4)						



GRAPHIC #1

<END>

g00849857



# AIR INLET AND EXHAUST SYSTEM

## 214-6095 MANIFOLD GP-EXHAUST

S/N: GSN1-UP  
ALSO AN ATTACHMENT

SMCS-1059

i01997940

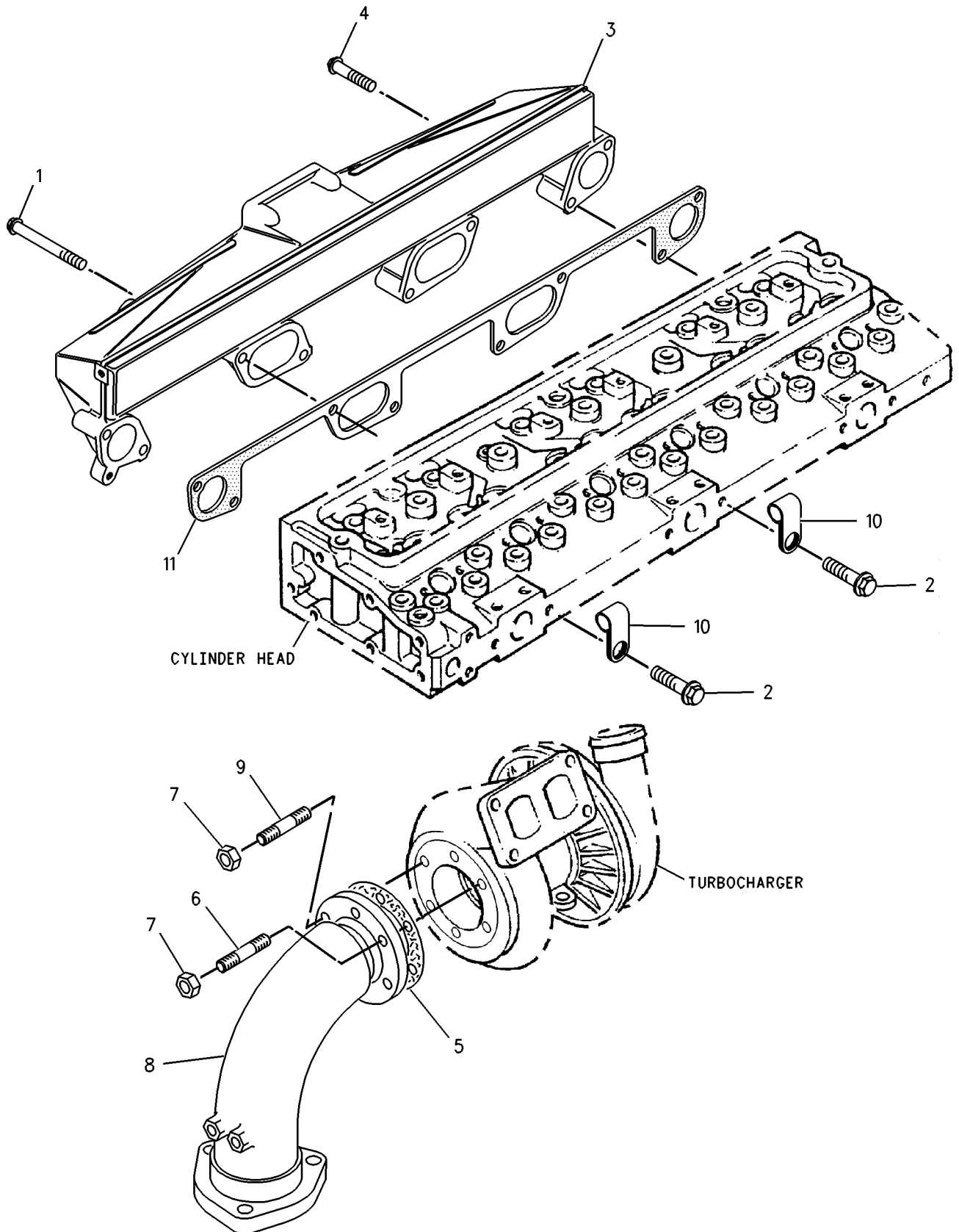
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-1110	2	BOLT						
	2	1	6I-4200	3	BOLT (M10X1.5X16MM)						
	3	1	6I-4760	1	MANIFOLD-EXHAUST						
	4	1	6I-4761	6	BOLT						
	5	1	100-4452	1	GASKET						
	6	1	100-4453	4	STUD						
	7	1	100-4454	6	NUT						
	8	1	103-1071	1	ELBOW						
	9	1	103-1074	2	STUD						
	10	1	199-1186	3	CLIP						
	11	1	214-6096	1	GASKET						



# AIR INLET AND EXHAUST SYSTEM

214-6095 MANIFOLD GP-EXHAUST (contd.)

i01997940



GRAPHIC #1

<END>

g00857926





# AIR INLET AND EXHAUST SYSTEM

## 229-3475 MANIFOLD GP-EXHAUST

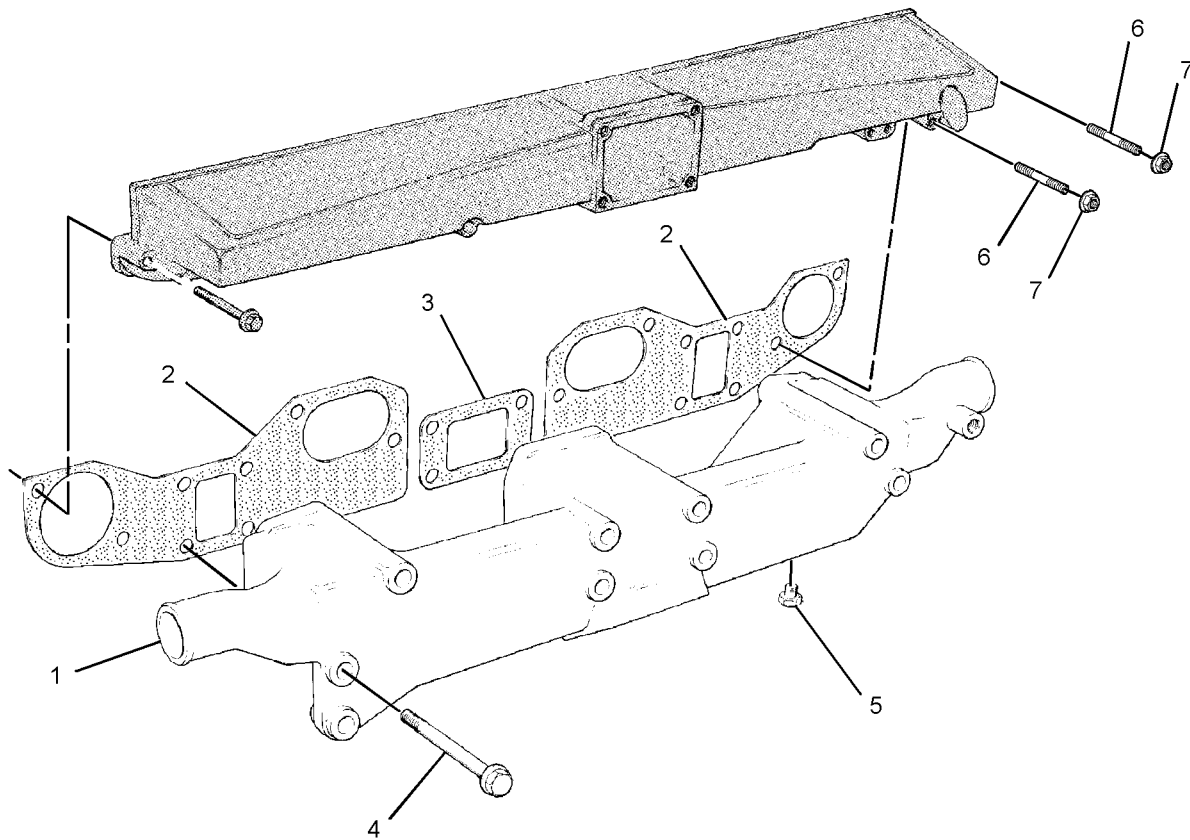
S/N: GSN131-UP; SNX1-UP

AN ATTACHMENT

SMCS - 1059

i01933922

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	210-6648	1	MANIFOLD-EXHAUST						
	2	1	193-5107	2	GASKET (MANIFOLD-OUTER)						
	3	1	193-5110	1	GASKET (MANIFOLD-INNER)						
	4	1	100-4715	8	BOLT (M10X130)						
	5	1	194-7148	1	PLUG						
	6	1	229-3472	2	STUD						
	7	1	6I-0594	2	NUT (M10X1.5)						



GRAPHIC #1

<END>

g01028446



# AIR INLET AND EXHAUST SYSTEM

## 210-6419 TURBOCHARGER GP

ALSO AN ATTACHMENT

SMCS-1052, 1053

i01625242

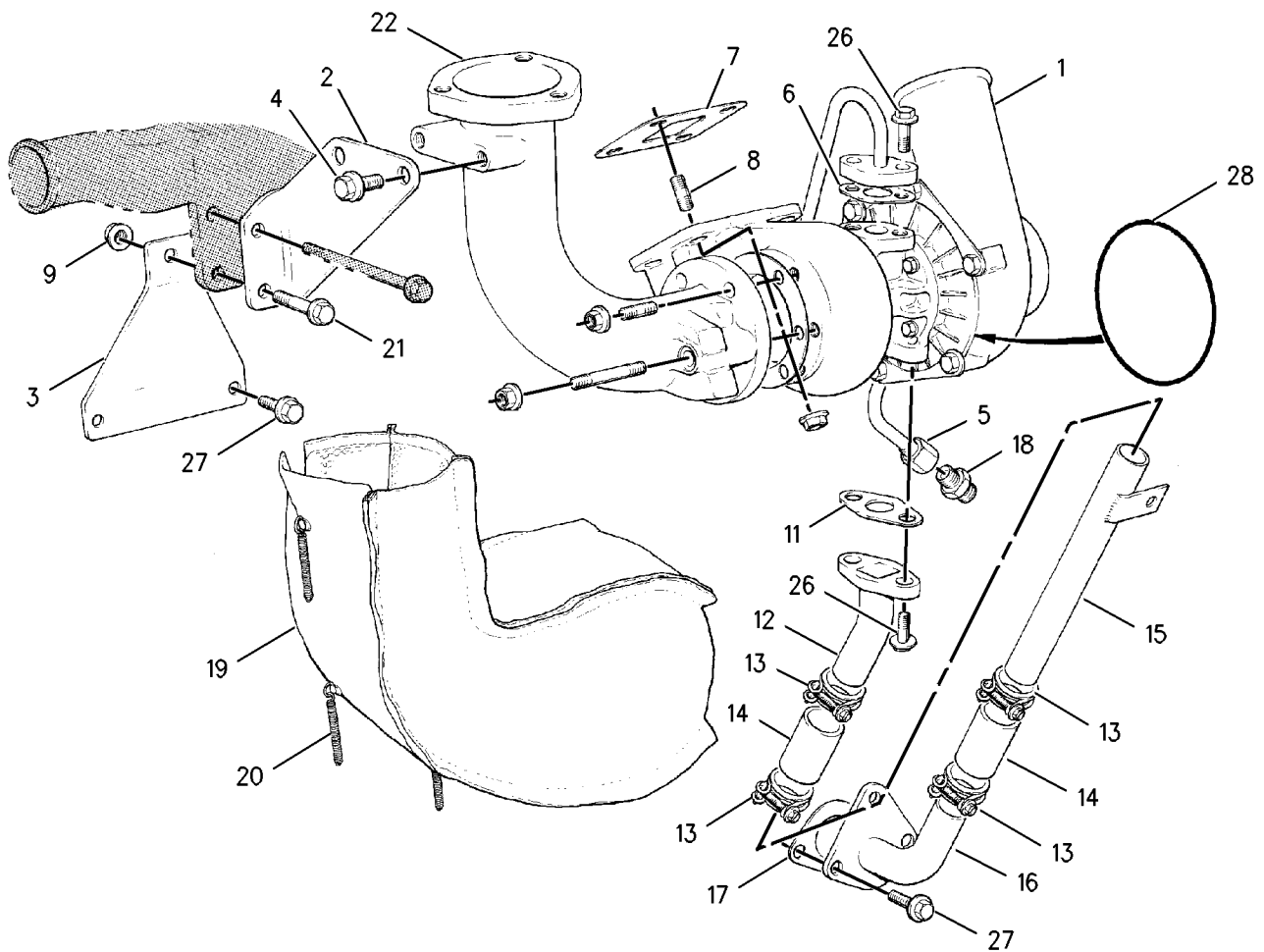
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
1	1	1	210-6602	1	TURBOCHARGER GP						
2	1	1	210-6604	1	BRACKET						
3	1	1	210-6606	1	BRACKET						
4	1	1	6I-4200	2	BOLT (M10X1.5X16MM)						
5	1	1	210-6608	1	TUBE AS						
6	1	1	194-7222	1	GASKET						
7	1	1	194-7160	1	GASKET						
8	1	1	194-7157	4	STUD (M10X24MM)						
9	1	1	6I-0594	5	NUT (M10X1.5)						
10	1	1	100-4452	1	GASKET						
11	1	1	194-7223	1	GASKET						
12	1	1	210-6609	1	TUBE AS						
13	1	1	5D-1026	4	CLAMP-HOSE						
14	1	1	193-5100	2	HOSE-DRAIN						
15	1	1	210-6611	1	TUBE AS						
16	1	1	210-6613	1	TUBE AS						
17	1	1	100-4104	1	GASKET						
18	1	1	193-5182	1	ADAPTER (3/8BSP TO 3/8NPTF)						
19	1	1	210-6616	1	SHIELD AS-TURBOCHARGER						
20	1	1	196-7657	8	SPRING						
21	1	1	140-8783	1	BOLT (M10X45MM)						
22	1	1	103-1071	1	ELBOW						
23	1	1	100-4453	4	STUD						
24	1	1	103-1074	2	STUD						
25	1	1	100-4454	6	NUT						
26	1	1	6I-0217	4	BOLT (M8X1.25X20MM)						
27	1	1	124-3815	4	BOLT (M8X16X1.25MM)						
28	1	1	210-6614	1	SEAL-O-RING						



# AIR INLET AND EXHAUST SYSTEM

210-6419 TURBOCHARGER GP (contd.)

i01625242



GRAPHIC #1

<END>

g00856117



# FUEL SYSTEM

## 241-4315 CONTROL GP-GOVERNOR

S/N: SNX1-UP

AN ATTACHMENT

SMCS-1265, 1276

i01996715

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	241-4282	1	KIT-GOVERNOR (ENGINE SPEED SENSOR)						
			KIT INCLUDES:SENSOR AND ADAPTER						
	241-4283	1	KIT-GOVERNOR (CONNECTOR)						
			KIT INCLUDES:CONNECTORS, PLUGS, SEAL, AND WEDGE						
	241-4314	1	KIT-GOVERNOR (CONTROLLER)						
			KIT INCLUDES: CONTROLLER, BOLT, WASHER, O-RING, AND SCREWS						

<END>



# FUEL SYSTEM

## 214-6378 FILTER & LINES GP-FUEL

S/N: GSN1-UP  
ALSO AN ATTACHMENT

SMCS-1261, 1274

i01998330

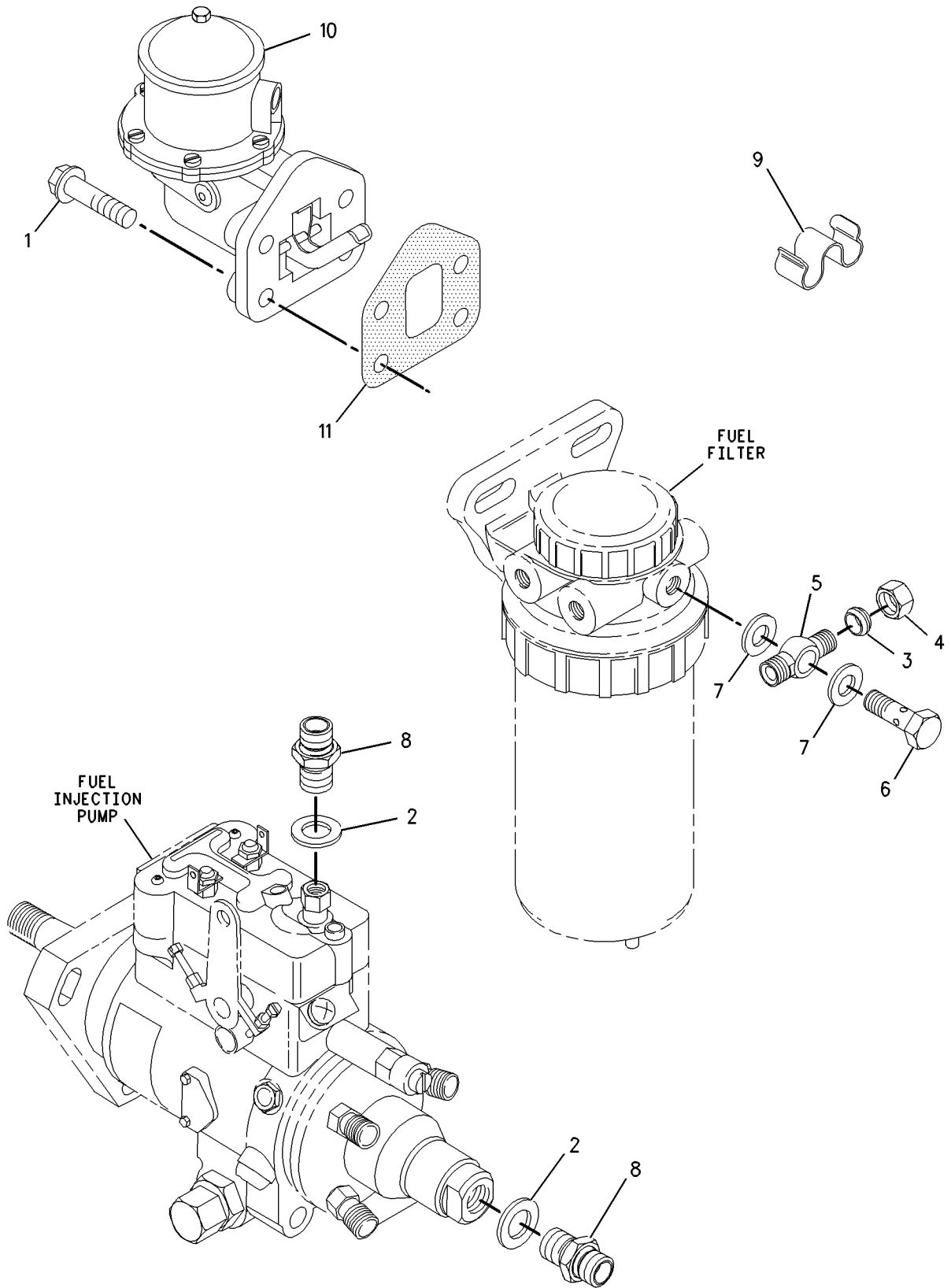
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-0254	4	BOLT (M8X1.25X30MM)						
	2	1	9Y-9381	2	WASHER-HARD (M12)						
	3	1	032-8047	1	OLIVE						
	4	1	035-8014	1	NUT (7/16IN)						
	5	1	101-3905	1	CONNECTION						
	6	1	101-3906	1	BOLT						
	7	1	101-3907	2	WASHER						
	8	1	102-9990	2	UNION						
	9	1	127-8162	1	CLIP						
	10	1	132-9447	1	PUMP AS-FUEL TRANSFER						
		1	171-1384	1	KIT-FUEL PUMP						
	11	1	132-9445	1	GASKET						



# FUEL SYSTEM

214-6378 FILTER & LINES GP-FUEL (contd.)

i01998330



GRAPHIC #1

<END>

g00856942



# FUEL SYSTEM

## 236-5929 FILTER & LINES GP-FUEL

S/N: SNX1-UP

AN ATTACHMENT

SMCS-1261, 1274

i01985650

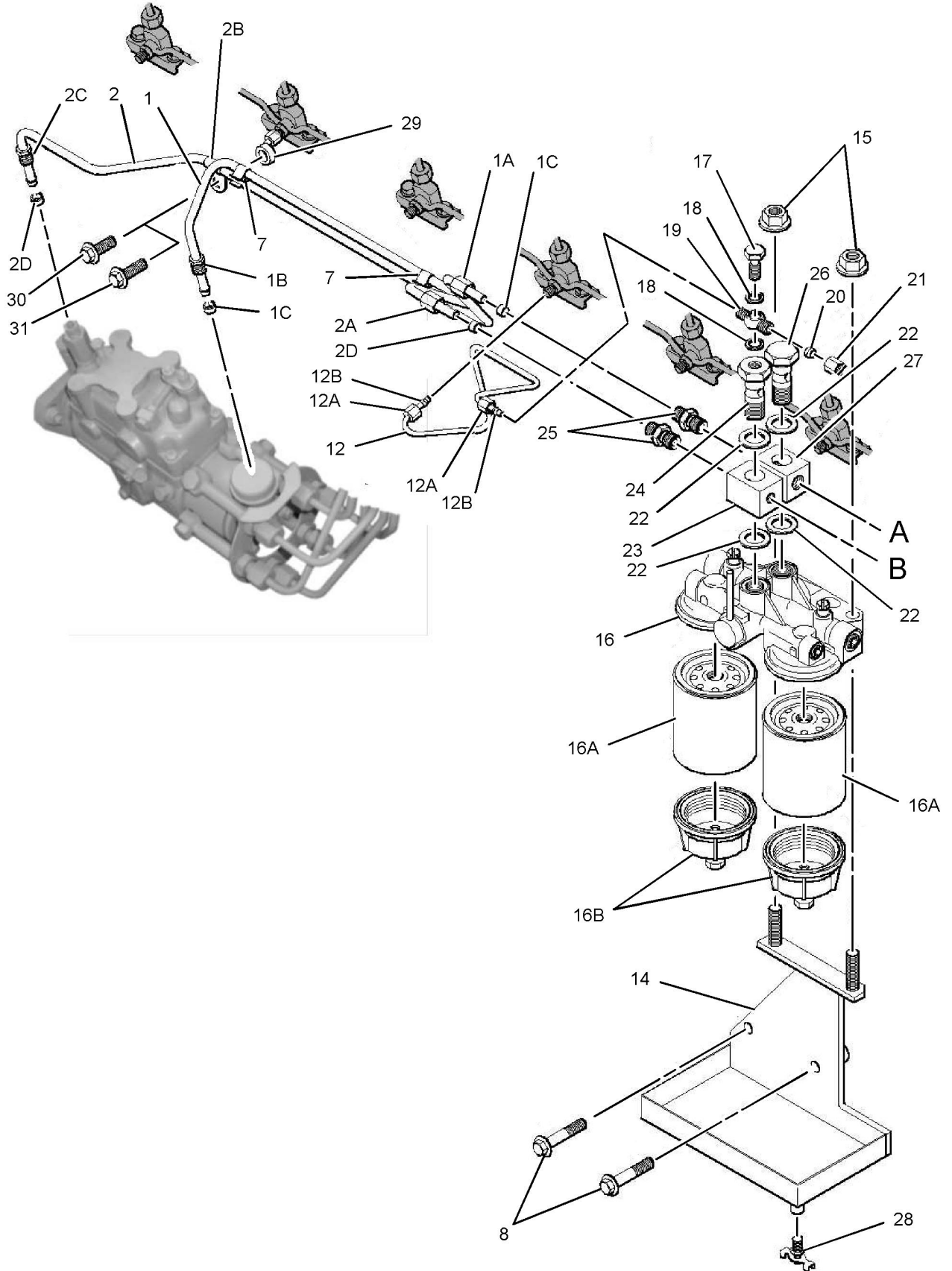
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	1 2 3 4 5 6 (PRODUCT LEVEL)						SEE PAGE
	1	1	236-6050	1	TUBE AS							
	1A	1	5C-1777	1	NUT							
	1B	1	8I-6518	1	NUT-TUBE (1/2IN)							
	1C	1	067-6269	2	OLIVE							
	2	1	236-6051	1	TUBE AS							
	2A	1	5C-1777	1	NUT							
	2B	1	067-6267	1	CLIP-TUBE							
	2C	1	8I-6518	1	NUT-TUBE (1/2IN)							
	2D	1	067-6269	2	OLIVE							
	3	2	236-5988	1	TUBE AS							
	3A	2	5C-1777	1	NUT							
	3B	2	067-6267	2	CLIP-TUBE							
	3C	2	8I-6518	1	NUT-TUBE (1/2IN)							
	3D	2	067-6269	2	OLIVE							
	4	2	236-6053	1	TUBE AS							
	4A	2	101-3986	1	CLIP							
	4B	2	103-0173	2	CLIP							
	4C	2	196-7642	2	NUT (3/16)							
	4D	2	196-7643	2	FITTING-COMPRESSION							
	5	2	035-8059	1	HEATER (AIR)							
	6	2	124-3815	2	BOLT (M8X16X1.25MM)							
	7	1	102-9991	2	CLIP							
	8	1	105-4173	2	BOLT (M10X1.5X60MM)							
	9	2	6I-0217	1	BOLT (M8X1.25X20MM)							
	10	2	035-8017	1	UNION							
	11	2	8I-6518	1	NUT-TUBE (1/2IN)							
	12	1	236-6055	1	TUBE AS							
	12A	1	196-7642	2	NUT (3/16)							
	12B	1	196-7643	2	FITTING-COMPRESSION							
	13	2	224-8978	1	FITTING-COMPRESSION							
	14	1	236-6059	1	BRACKET AS							
	15	1	6I-0233	2	NUT (M12)							
	16	1	236-5941	1	BASE AS-FUEL FILTER							
	16A	1	236-6057	2	ELEMENT-FUEL (FILTER)							
	16B	1	236-6058	2	CAP-FUEL							
	17	1	101-3906	1	BOLT							
	18	1	101-3907	2	WASHER							
	19	1	101-3905	1	CONNECTION							
	20	1	032-8047	1	OLIVE							
	21	1	035-8014	1	NUT (7/16IN)							
	22	1	236-6056	4	WASHER (M18)							
	23	1	236-5939	1	ADAPTER-FUEL							
	24	1	236-5937	1	BOLT-SPECIAL							
	25	1,2	237-2352	3	ADAPTER							
	26	1	236-5938	1	BOLT-SPECIAL							
	27	1	236-5940	1	ADAPTER-FUEL							
	28	1	236-5936	1	VALVE AS-DRAIN (FUEL FILTER)							
B	29	1	6B-0933	1	SPACER (10.31X19.05X6.35MM THK)							
B	30	1	6I-0654	1	BOLT (M10X1.5X25MM)							
B	31	1	100-4830	1	BOLT (M10X1.5X20MM)							
B- USE AS REQUIRED												



# FUEL SYSTEM

236-5929 FILTER & LINES GP-FUEL (contd.)

i01985650



GRAPHIC #1

g01032364

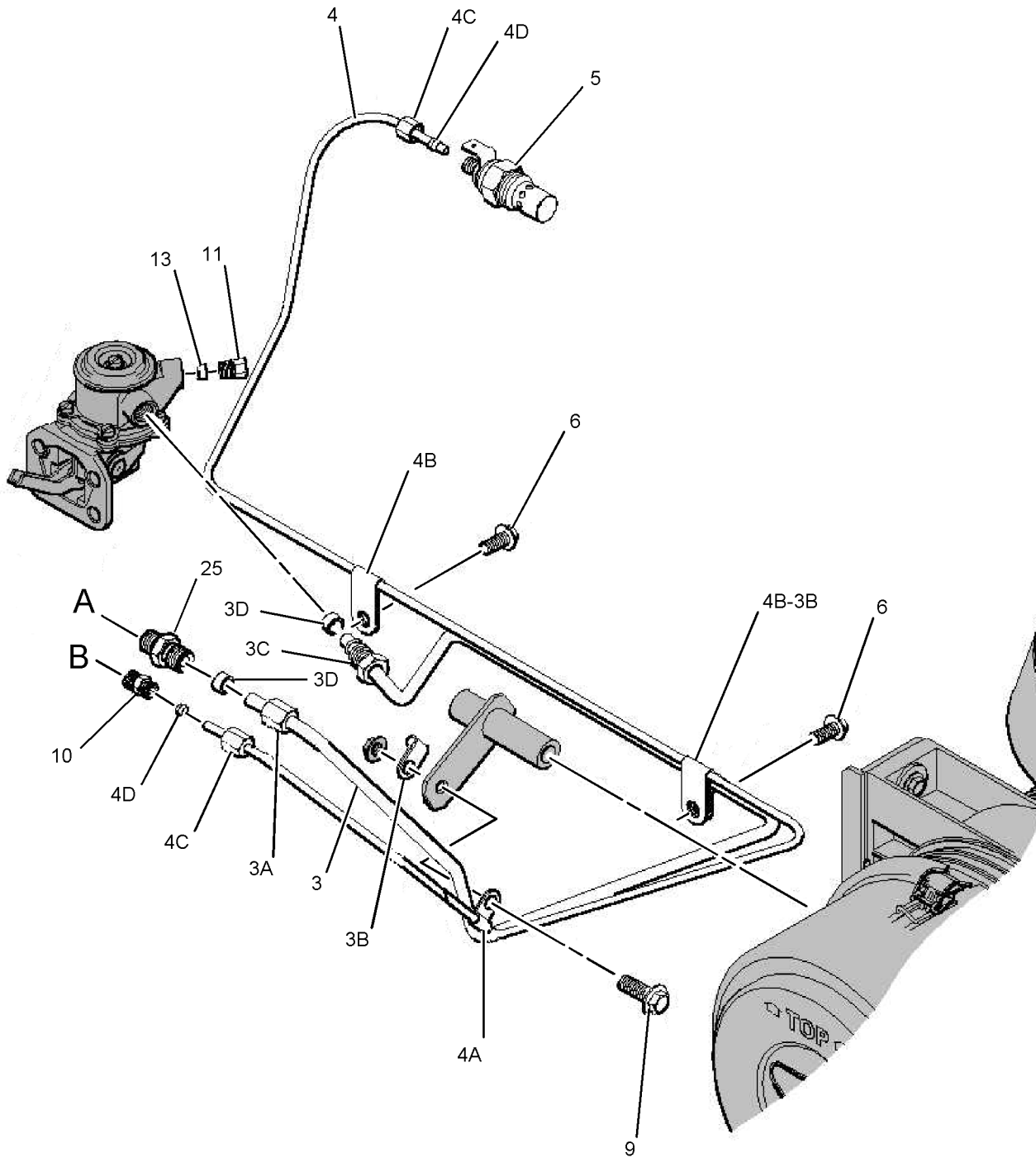




# FUEL SYSTEM

236-5929 FILTER & LINES GP-FUEL (contd.)

i01985650



GRAPHIC #2

<END>

g01032365



# FUEL SYSTEM

## 210-6517 FILTER GP-FUEL

PART OF 229-7279 FILTER GP-FUEL

ALSO AN ATTACHMENT

SMCS-1261

i01669682

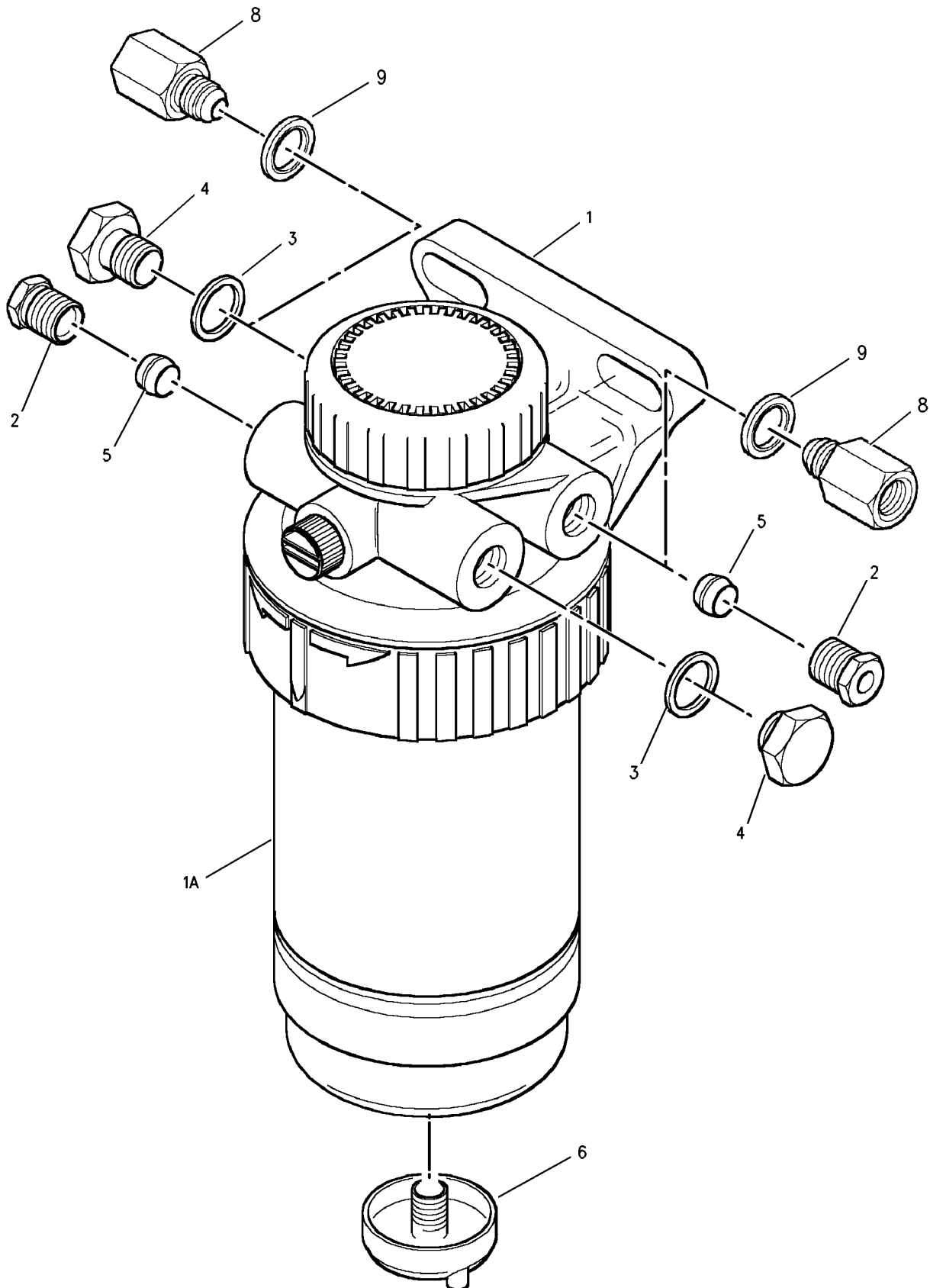
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	210-6712	1	FILTER AS-FUEL						
	1A	1	210-6787	1	FILTER AS-FUEL						
	2	1	067-6268	2	NUT-FUEL LINE (1/2IN)						
	3	1	032-8100	2	WASHER (.064MM THK)						
	4	1	033-7849	2	PLUG						
	5	1	067-6269	2	FITTING (5/16IN)						
	6	1	205-3041	1	PLUG-DRAIN (FUEL FILTER)						
	7	1	206-6910	1	FILTER ELEMENT-FUEL						
	8	1	219-1644	2	ADAPTOR						
	9	1	219-1643	2	SEAL						



# FUEL SYSTEM

210-6517 FILTER GP-FUEL (contd.)

i01669682



GRAPHIC #1

<END>

g00862707



# FUEL SYSTEM

## 210-6525 FILTER GP-FUEL

ALSO AN ATTACHMENT

SMCS-1261

i01995466

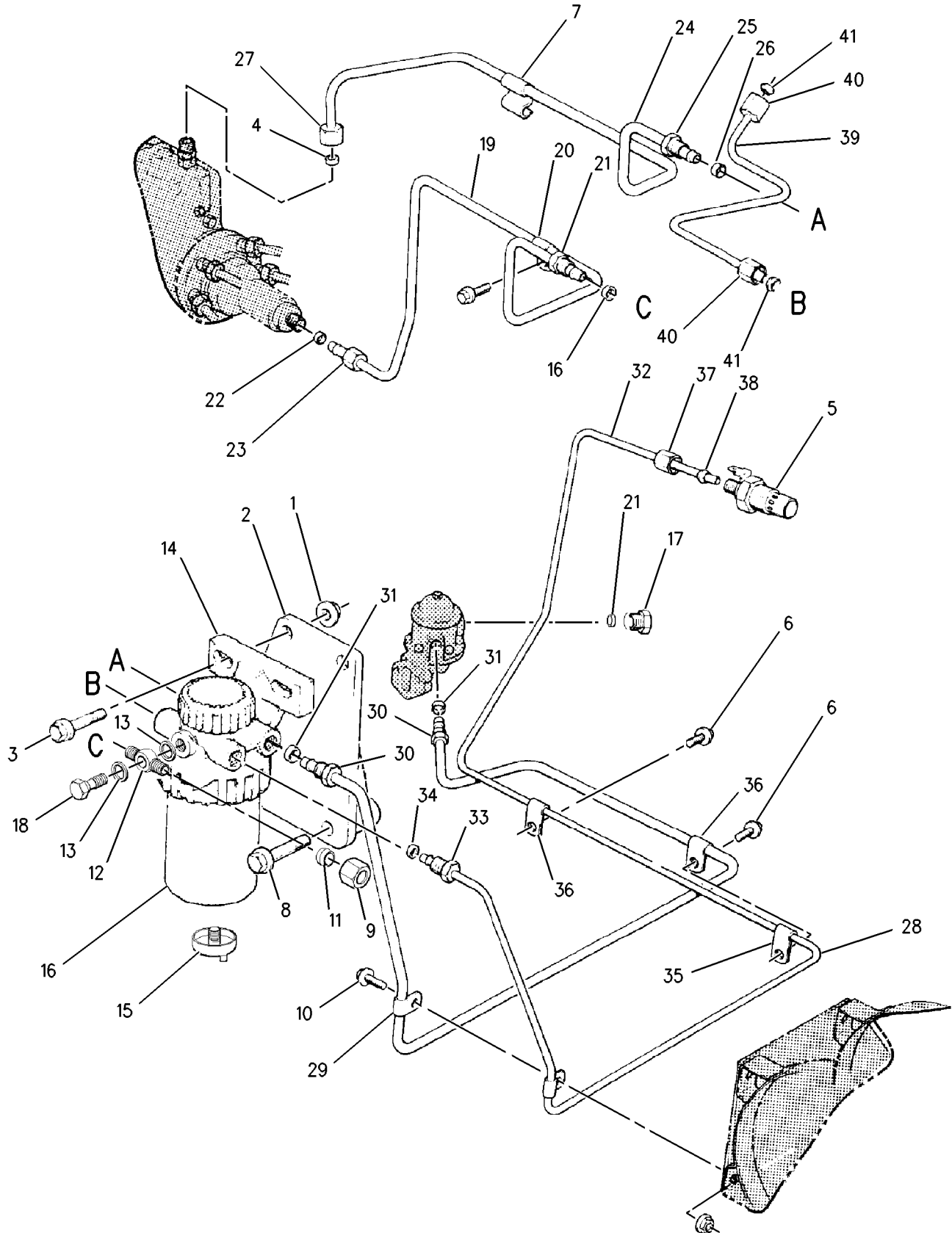
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-0594	2	NUT (M10X1.5)						
	2	1	210-6868	1	BRACKET						
	3	1	6I-0593	2	BOLT (M10X1.5X30MM)						
	4	1	067-6269	1	OLIVE						
	5	1	035-8059	1	HEATER (AIR)						
	6	1	124-3815	2	BOLT (M8X16X1.25MM)						
	7	1	102-9991	1	CLIP						
	8	1	100-4461	2	BOLT (M10X50MM)						
	9	1	035-8014	1	NUT (7/16IN)						
	10	1	6I-0260	1	BOLT (M8X1.25X25MM)						
	11	1	032-8047	1	OLIVE						
	12	1	101-3905	1	CONNECTION						
	13	1	101-3907	2	WASHER						
	14	1	206-6911	1	FILTER AS-FUEL						
	15	1	205-3041	1	PLUG-DRAIN (FUEL FILTER)						
	16	1	205-3043	1	FILTER ELEMENT-FUEL						
	17	1	067-6268	1	NUT-FUEL LINE (1/2IN)						
	18	1	101-3906	1	BOLT						
	19	1	210-6863	1	TUBE AS						
	20	1	067-6267	1	CLIP-TUBE						
	21	1	067-6268	1	NUT-FUEL LINE (1/2IN)						
	22	1	067-6269	2	OLIVE						
	23	1	114-2589	1	NUT (1/2)						
	24	1	210-6864	1	TUBE AS						
	25	1	067-6268	1	NUT-FUEL LINE (1/2IN)						
	26	1	067-6269	2	OLIVE						
	27	1	114-2589	1	NUT (1/2)						
	28	1	210-6865	1	TUBE AS						
	29	1	067-6267	2	CLIP-TUBE						
	30	1	067-6268	2	NUT-FUEL LINE (1/2IN)						
	31	1	067-6269	2	OLIVE						
	32	1	210-6866	1	TUBE AS						
	33	1	101-3983	1	NUT (3/16)						
	34	1	101-3984	1	OLIVE						
	35	1	101-3986	1	CLIP						
	36	1	103-0173	2	CLIP						
	37	1	196-7642	1	NUT (3/16)						
	38	1	196-7643	1	FITTING-COMPRESSION						
	39	1	210-6867	1	TUBE AS						
	40	1	196-7642	2	NUT (3/16)						
	41	1	196-7643	2	FITTING-COMPRESSION						



# FUEL SYSTEM

210-6525 FILTER GP-FUEL (contd.)

i01995466



GRAPHIC #1

<END>

g00857823



# FUEL SYSTEM

## 229 - 7279 FILTER GP - FUEL

S/N: SNX1-UP  
FIELD INSTALLATION

SMCS - 1261

i01995013

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	210-6517	1	FILTER GP - FUEL						173
Y - SEPARATE ILLUSTRATION									

<END>



# FUEL SYSTEM

## 241-4284 GOVERNOR GP - ELECTRIC

S/N: SNX1-UP  
NONLOAD SHARING  
AN ATTACHMENT

SMCS - 1908

i01998327

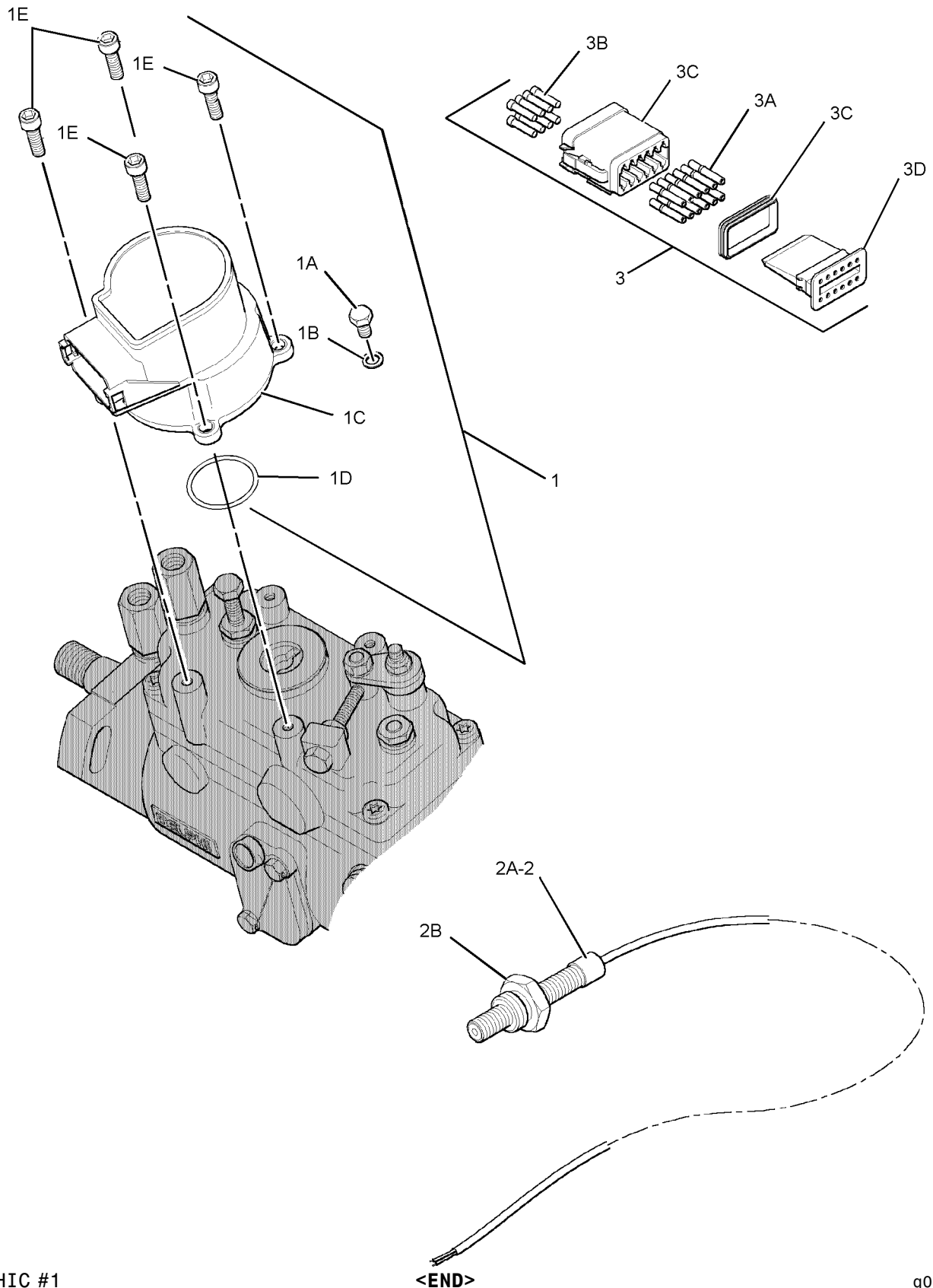
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	241-4823	1	ACTUATOR GP - GOVERNOR						
	1A	1	142-7400	1	BOLT						
	1B	1	204-7853	1	WASHER						
	1C	1	240-8837	1	ACTUATOR AS - GOVERNOR						
	1D	1	241-4288	1	SEAL - O - RING						
	1E	1	241-4291	4	SCREW						
	2	1	241-4282	1	KIT - GOVERNOR (ENGINE SPEED SENSOR)						
	2A	1	203-6797	1	SENSOR - SPEED (ENGINE)						
	2B	1	203-6798	1	ADAPTER						
	3	1	241-4283	1	KIT - GOVERNOR (CONNECTOR)						
	3A	1	8T-8730	12	SOCKET - CONNECTOR						
	3B	1	8T-8737	8	PLUG - SEAL						
	3C	1	155-2255	1	KIT - CONNECTING PLUG (12 - PIN)						
	3D	1	155-2258	1	WEDGE - PLUG LOCK (12 PIN)						



# FUEL SYSTEM

241 - 4284 GOVERNOR GP - ELECTRIC (contd.)

i01998327



GRAPHIC #1

<END>

g01031465





# FUEL SYSTEM

## 241-4313 GOVERNOR GP - ELECTRIC

S/N: SNX1-UP  
LOAD SHARING  
AN ATTACHMENT

SMCS - 1908

i01998328

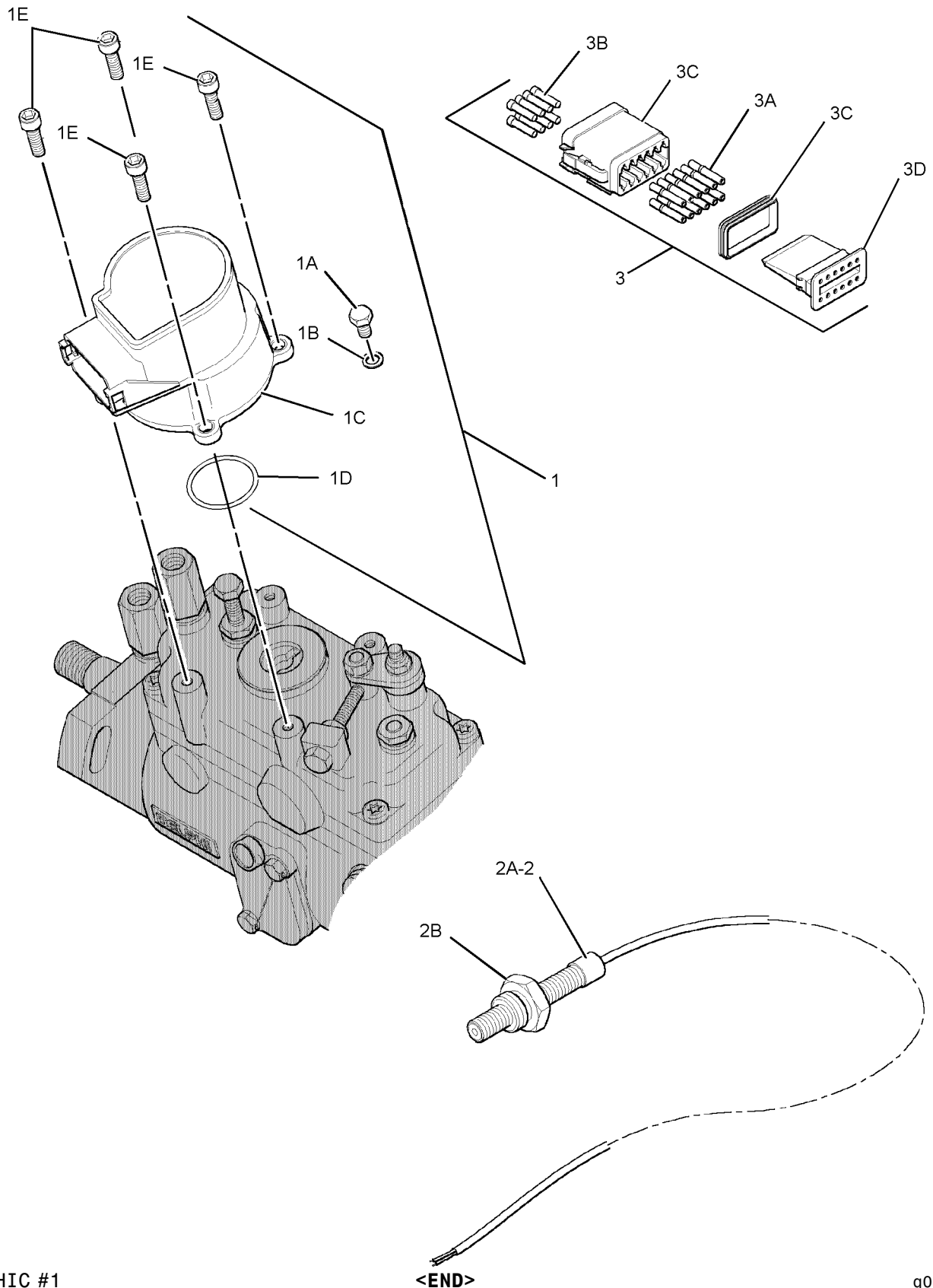
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	241-4314	1	KIT-GOVERNOR (CONTROLLER)						
	1A	1	142-7400	1	BOLT						
	1B	1	204-7853	1	WASHER						
	1C	1	240-8836	1	ACTUATOR AS-GOVERNOR						
	1D	1	241-4288	1	SEAL-O-RING						
	1E	1	241-4291	4	SCREW						
	2	1	241-4282	1	KIT-GOVERNOR (ENGINE SPEED SENSOR)						
	2A	1	203-6797	1	SENSOR-SPEED (ENGINE)						
	2B	1	203-6798	1	ADAPTER						
	3	1	241-4283	1	KIT-GOVERNOR (CONNECTOR)						
	3A	1	8T-8730	12	SOCKET-CONNECTOR						
	3B	1	8T-8737	8	PLUG-SEAL						
	3C	1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
	3D	1	155-2258	1	WEDGE-PLUG LOCK (12 PIN)						



# FUEL SYSTEM

241 - 4313 GOVERNOR GP - ELECTRIC (contd.)

i01998328



GRAPHIC #1

g01031465



# FUEL SYSTEM

## 214-4815 LINES GP-FLEXIBLE FUEL

S/N: SNX1-UP

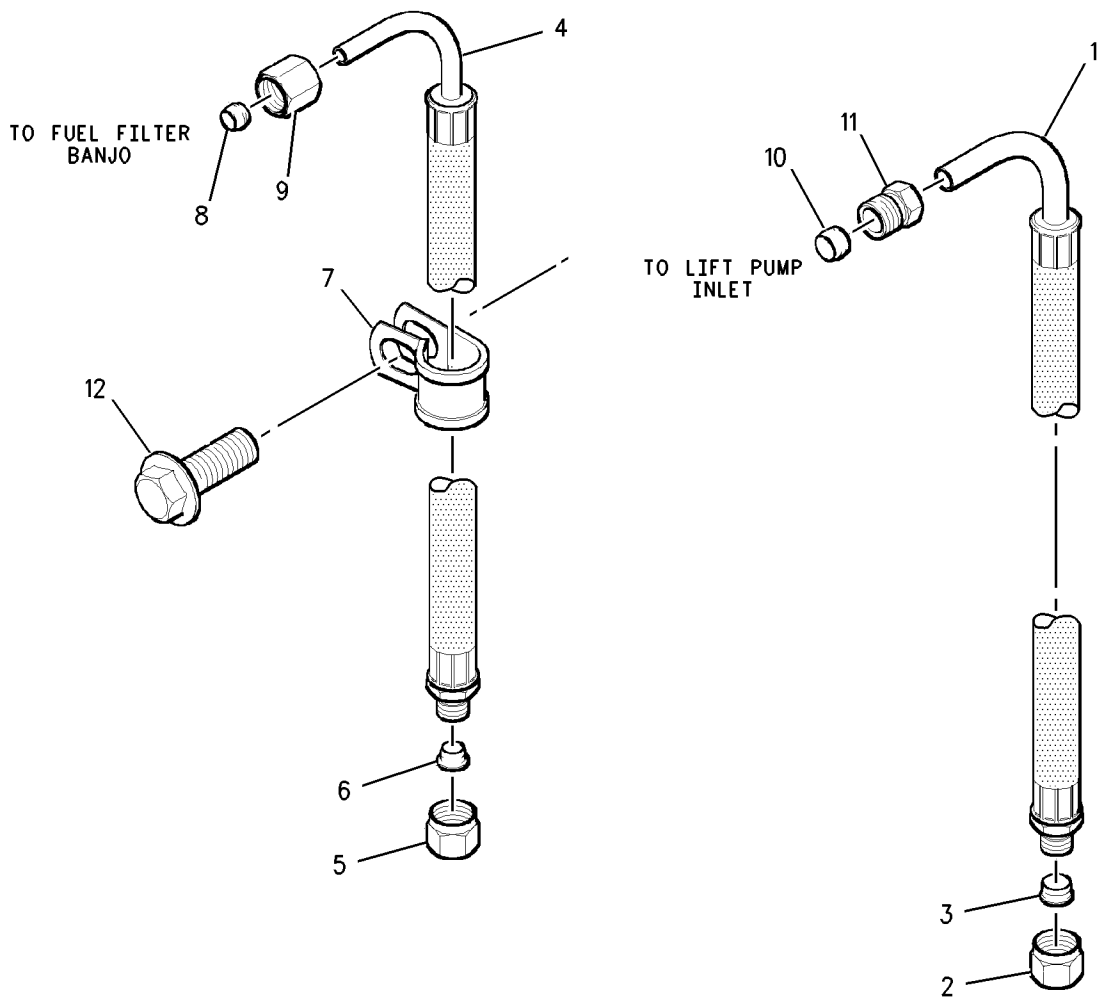
BSP ADAPTERS

PART OF 223-3299, 223-3301, 223-3302, 223-3303 ENGINE AR  
AN ATTACHMENT

SMCS-1274

i01829541

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	196-0294	1	HOSE AS						
	2	1	196-7668	1	NUT-COMPRESSION (1/4IN)						
	3	1	196-7669	1	FERRULE (5/16IN)						
	4	1	196-0295	1	HOSE AS						
	5	1	196-7666	1	NUT (1/4IN)						
	6	1	196-7667	1	FERRULE (1/4IN)						
	7	1	205-8712	1	CLIP						
	8	1	032-8047	1	FERRULE						
	9	1	035-8014	1	NUT (7/16IN)						
	10	1	224-8978	1	FITTING-COMPRESSION						
	11	1	067-6268	1	NUT-FUEL LINE (1/2IN)						
	12	1	210-6964	1	BOLT-FLANGED (M12X16MM)						



GRAPHIC #1

<END>

g00850168



# FUEL SYSTEM

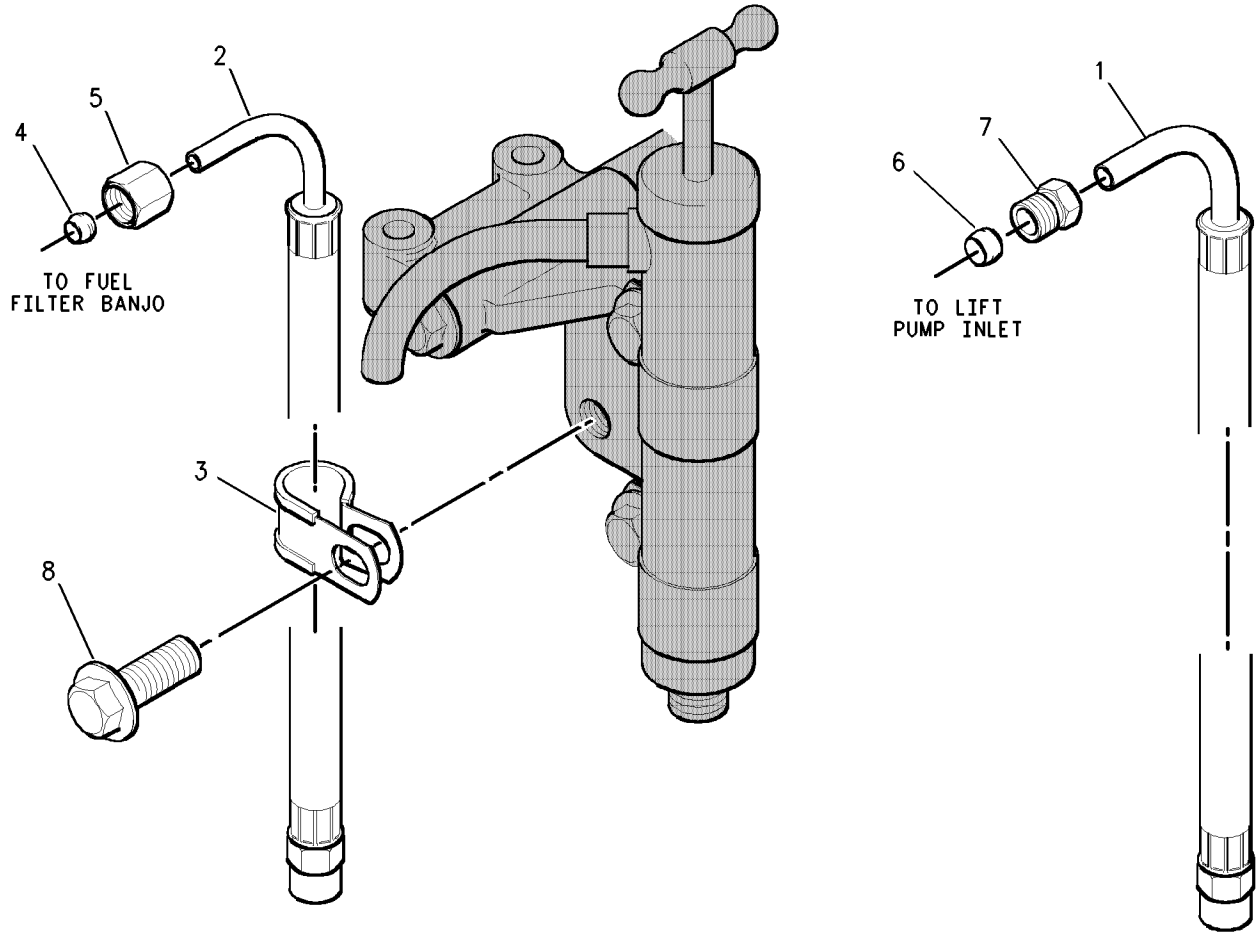
## 214-9198 LINES GP-FLEXIBLE FUEL

S/N: SNX1-UP  
NPT ADAPTERS  
AN ATTACHMENT

SMCS-1274

i01941444

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	214-9194	1	HOSE AS						
	2	1	214-9195	1	HOSE AS						
	3	1	205-8712	1	CLIP						
	4	1	032-8047	1	OLIVE						
	5	1	035-8014	1	NUT (7/16IN)						
	6	1	224-8978	1	FITTING-COMPRESSION						
	7	1	067-6268	1	NUT-FUEL LINE (1/2IN)						
	8	1	210-6964	1	BOLT-FLANGE HEAD (M12X16MM)						



GRAPHIC #1

<END>

g00856333



# FUEL SYSTEM

## 216-7189 LINES GP-FUEL INJECTION

S/N: SNX1-UP

FOR USE WITH 213-6153-PAGE 188

AN ATTACHMENT

SMCS-1252, 1254

i01648638

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	205-7270	1	LINE AS-FUEL INJECTION (NO. 1 CYL)						
	2	1	205-7271	1	LINE AS-FUEL INJECTION (NO. 2 CYL)						
	3	1	205-7273	1	LINE AS-FUEL INJECTION (NO. 3 CYL)						
	4	1	205-7278	1	LINE AS-FUEL INJECTION (NO. 4 CYL)						
	5	1	205-7279	1	LINE AS-FUEL INJECTION (NO. 5 CYL)						
	6	1	205-7280	1	LINE AS-FUEL INJECTION (NO. 6 CYL)						
	7	1	205-7282	1	MANIFOLD AS						
	8	1	205-7283	5	BOLT-BANJO						
	9	1	205-7284	1	BOLT-BANJO						
	10	1	3K-6896	12	GASKET						
	11	1	205-7287	1	TUBE AS-DRAIN						
	12	1	169-0122	1	TANK AS-FUEL						
	13	1	169-0123	1	FASTENER GP-FUEL DRAIN						
	14	1	205-7290	1	CLAMP AS (6 LINES)						
	15	1	205-7291	1	CLAMP AS (5 LINES)						
M		1	8T-6974	1	BOLT (M6X1X80MM)						
		1	205-7290	1	CLAMP AS (6 LINES)						
	16	1	205-7292	1	CLAMP AS (3 LINES)						
M		1	7X-2534	1	BOLT (M6X1X50MM)						
		1	205-7290	1	CLAMP AS (6 LINES)						
	17	1	205-7293	1	CLAMP AS (2 LINES)						
M		1	8C-8451	1	BOLT (M6X1X40MM)						
		1	205-7290	1	CLAMP AS (6 LINES)						

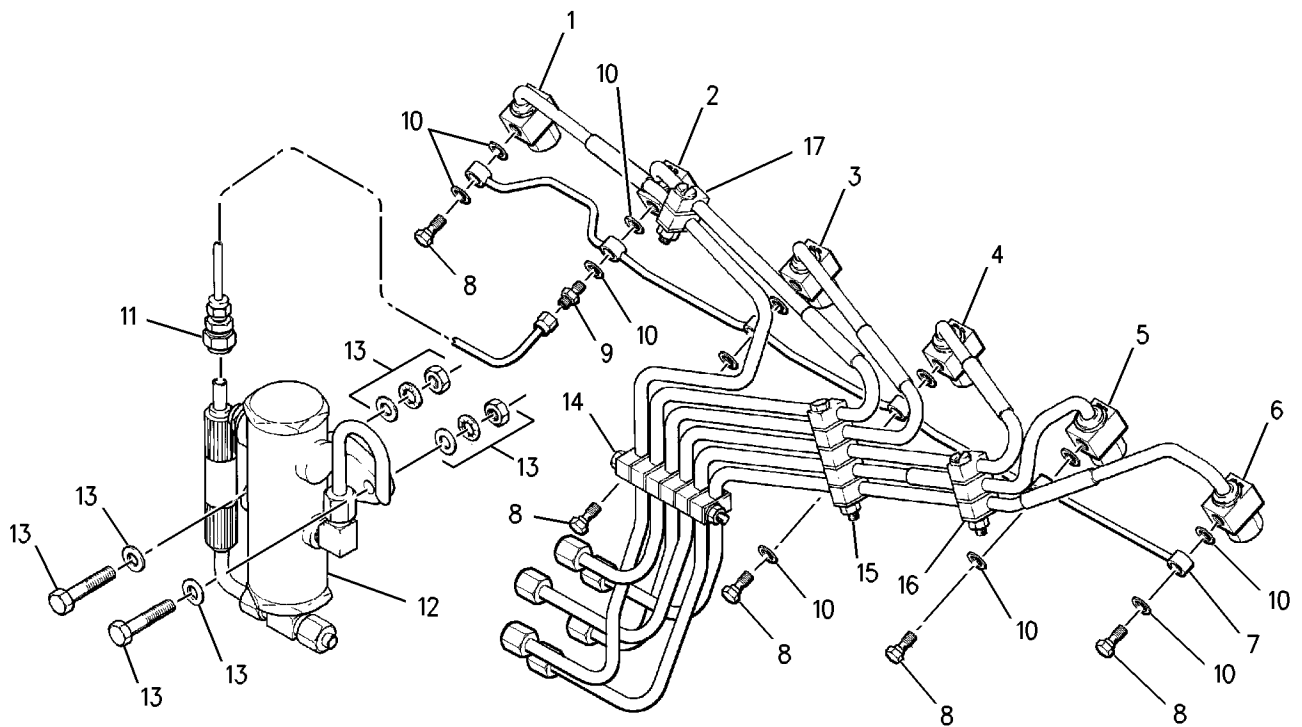
M-METRIC PART



# FUEL SYSTEM

216-7189 LINES GP-FUEL INJECTION (contd.)

i01648638



GRAPHIC #1

<END>

g00823238



# FUEL SYSTEM

## 234-3363 LINES GP-FUEL INJECTION

S/N: SNX1-UP

AN ATTACHMENT

SMCS-1252, 1254

i01998326

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	8T-4224	4	WASHER-HARD (8.8X16X2MM THK)						
M	2	1	3T-0852	2	LOCKNUT (M8X1.25 THD)						
	3	1	169-0122	1	TANK AS-FUEL (ALARM)						
	4	1	169-0123	1	FASTENER GP-FUEL DRAIN						
	5	1	205-7291	1	CLAMP AS (5 LINES)						
M		1	8T-6974	1	BOLT (M6X1X80MM)						
		1	205-7290	1	CLAMP AS (6 LINES)						
	6	1	205-7292	1	CLAMP AS (3 LINES)						
M		1	7X-2534	1	BOLT (M6X1X50MM)						
		1	205-7290	1	CLAMP AS (6 LINES)						
	7	1	205-7293	3	CLAMP AS (2 LINES)						
					(EACH INCLUDES)						
M		1	8C-8451	1	BOLT (M6X1X40MM)						
		1	205-7290	1	CLAMP AS (6 LINES)						
	8	1	213-7024	1	CLAMP AS (PIPE)						
	9	1	234-3068	1	FITTING AS						
	10	1	234-3107	1	COUPLING						
	11	1	234-3108	5	SEAL-O-RING						
	12	1	234-3350	1	PLUG						
	13	1	234-3353	1	TUBE						
	14	1	234-3354	1	TUBE AS						
	15	1	234-3355	1	TUBE AS						
	16	1	234-3356	1	TUBE AS						
	17	1	234-3357	1	TUBE AS						
	18	1	234-3358	1	TUBE AS						
	19	1	234-3359	1	TUBE AS						
	20	1	234-3360	2	COUPLING						
	21	1	234-3361	1	BRACKET AS						

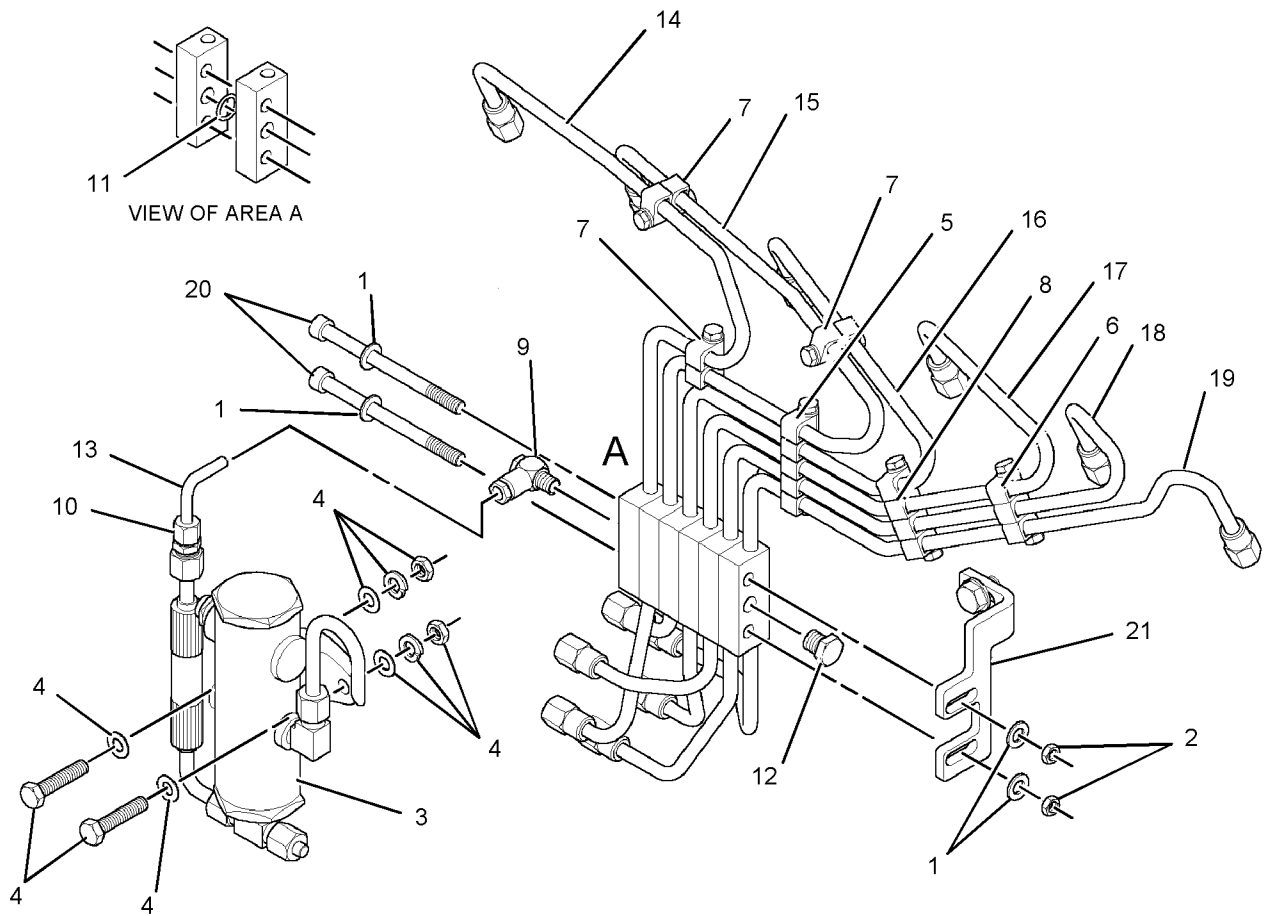
M-METRIC PART



# FUEL SYSTEM

234 - 3363 LINES GP - FUEL INJECTION (contd.)

i01998326



GRAPHIC #1

<END>

g01029201





# FUEL SYSTEM

## 213-6153 MOUNTING GP-FUEL LINE- TANK ALARM DUEL WALL FUEL SYSTEM

S/N: SNX1-UP

FOR USE WITH 216-7189-PAGE 184

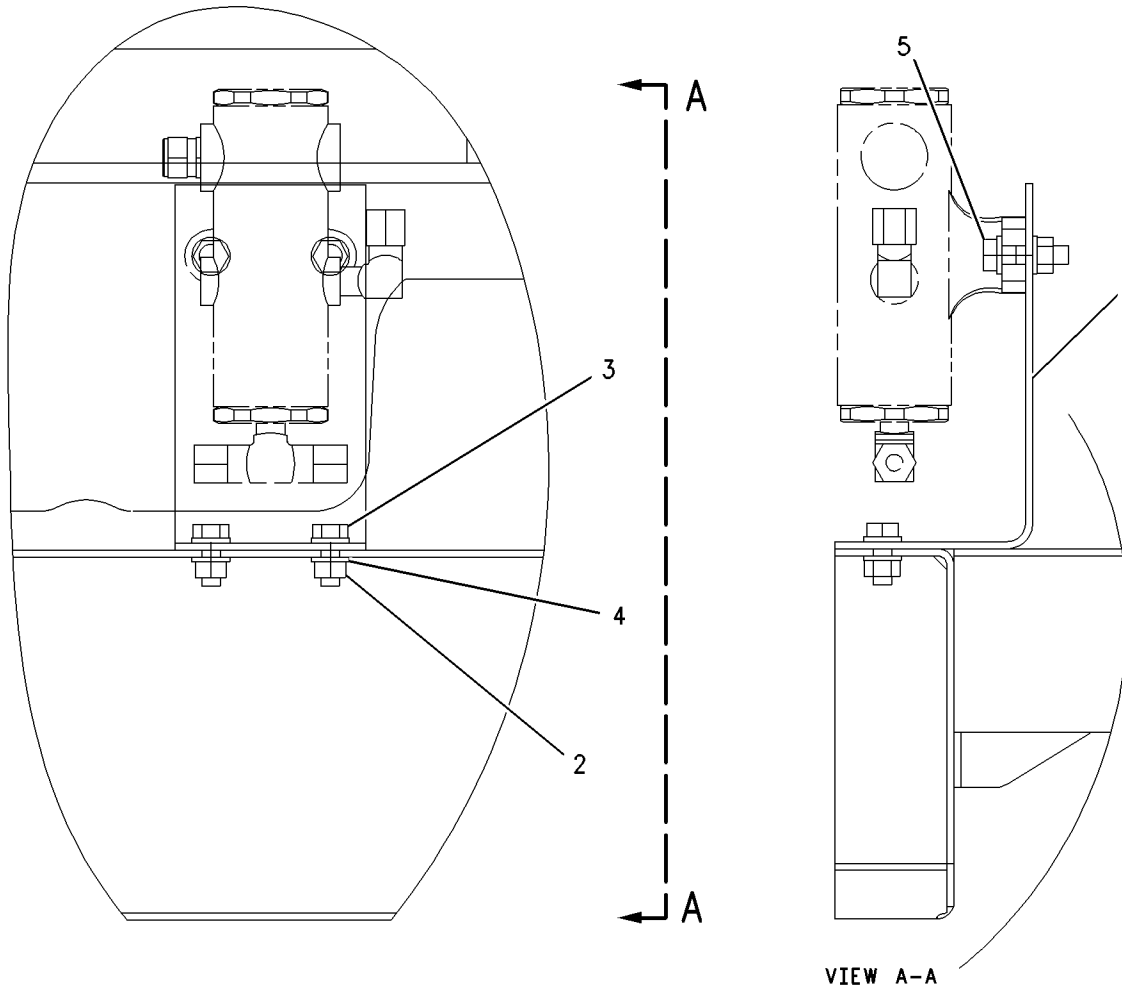
AN ATTACHMENT

SMCS-1274

i01642245

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	213-4972	1	BRACKET						
M	2	1	5C-7261	4	NUT (M8X1.25 THD)						
M	3	1	8T-4189	2	BOLT (M8X1.25X20MM)						
	4	1	8T-4224	8	WASHER-HARD (8.8X16X2MM THK)						
M	5	1	8T-7547	2	BOLT (M8X1.25X30MM)						

M-METRIC PART



GRAPHIC #1

<END>

g00853653



# FUEL SYSTEM

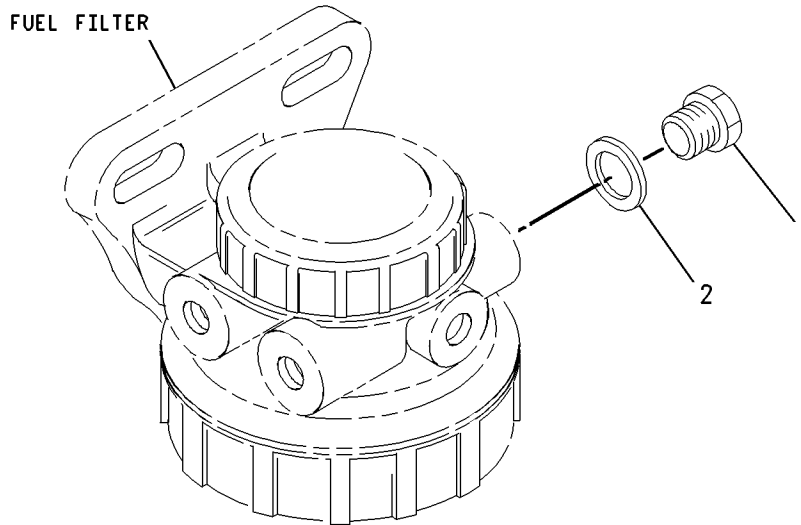
## 214-6379 PLUG GP-FUEL FILTER BASE

S/N: GSN1-UP  
ALSO AN ATTACHMENT

SMCS-1262

i01647699

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	033-7849	1	PLUG						
	2	1	032-8100	1	WASHER (.064MM THK)						



GRAPHIC #1

<END>

g00855814



# FUEL SYSTEM

## 107-2559 PUMP GP-FUEL INJECTION

S/N: GSN1-UP

PART OF 107-2560 PUMP GP-FUEL INJECTION

ALSO AN ATTACHMENT

SMCS-1251, 1290

101995450

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	110-5364	1	HOUSING						
	2	1	116-8559	1	BEARING						
	3	1	116-8560	1	WASHER						
	4	1	116-8561	1	WASHER						
	5	1	116-8562	1	RING						
	6	1	116-8563	1	SHAFT						
	7	1	116-8564	1	KEY						
	8	1	123-0139	1	KIT-SEAL (INJECTOR BEARING)						
	9	1	116-8565	1	BEARING						
	10	1	116-7079	1	RING						
	11	1	116-8595	1	PLATE						
	12	1	116-8569	1	BOLT						
	13	1	116-8570	1	BOLT						
	14	1	110-5411	1	WASHER						
	15	1	110-5370	2	BOLT						
	16	1	110-5374	1	GASKET						
	17	1	110-5375	1	COVER						
	18	1	116-8594	6	CONNECTOR						
	19	1	116-7062	1	PLATE						
	20	1	116-7063	4	BOLT						
	21	1	116-8572	1	SEAL						
	22	1	116-8601	1	BOLT						
	23	1	117-1280	1	COVER						
	24	1	116-7068	1	GASKET						
	25	1	116-7083	1	SEAL						
	26	1	116-7070	2	TERMINAL						
	27	1	116-7069	2	LOCKNUT						
	28	1	116-7071	2	WASHER						
	29	1	116-7085	2	NUT						
	30	1	116-7086	2	WASHER						
	31	1	116-7072	2	WASHER						
	32	1	110-5380	3	BOLT						
	33	1	116-8625	3	WASHER						
	34	1	116-8574	3	WASHER						
	35	1	110-5382	1	CONNECTOR						
	36	1	116-7073	1	SEAL						
	37	1	117-1377	1	SHOE						
	38	1	116-8600	1	STOP						
	39	1	110-5397	4	ROLLER						
	40	1	116-7074	1	CAP						
	41	1	110-5400	1	SCREEN (INJECTION PUMP)						
	42	1	110-5401	1	PLUG						
	43	1	110-5402	1	SPRING						
	44	1	110-5403	1	PISTON						
	45	1	116-8575	1	REGULATOR (FUEL FLOW)						
	46	1	116-7075	1	SEAL						
	47	1	110-5410	1	PIN						
	48	1	116-7076	1	RING						
	49	1	110-5405	4	BLADE						
	50	1	110-5409	2	SPRING						
	51	1	110-5406	1	LINER						
	52	1	110-5407	2	RETAINER						
	53	1	116-7078	1	SEAL						
	54	1	116-8576	1	RETAINER						
	55	1	116-8577	6	WEIGHT						



# FUEL SYSTEM

107-2559 PUMP GP-FUEL INJECTION (contd.)

i01995450

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE	
					1	2	3	4	5	6 (PRODUCT LEVEL)		
	56	1	116-8578	1	WASHER							
	57	1	116-8579	1	SLEEVE							
	58	1	116-8580	1	ARM AS							
	59	1	116-8582	1	ARM							
	60	1	116-8583	1	VALVE							
	61	1	116-8584	1	SHIM							
	62	1	116-8585	1	SPRING							
	63	1	116-8586	6	CUSHION							
	64	1	116-8587	3	RETAINER							
	65	1	116-8588	3	CLIP							
	66	1	117-1376	1	HEAD AS							
	67	1	117-1282	1	RING							
	68	1	117-0681	3	COVER							
	69	1	116-8591	4	BOLT							
	70	1	117-1378	1	VALVE							
	71	1	116-8596	1	BOLT							
	72	2	116-8602	1	ARM							
	73	2	116-7103	1	SHAFT							
	74	2	116-7101	2	NUT							
	75	2	116-8603	2	SEAL							
	76	2	116-8606	1	SPRING							
	77	2	116-7099	1	WASHER							
	78	2	116-8608	1	SPRING							
	79	2	116-8609	1	PISTON							
	80	2	116-8610	1	BARREL							
	81	2	116-8611	1	ROD							
	82	2	116-8612	1	PIN							
	83	2	116-8613	1	GUIDE							
	84	2	116-8614	1	SEAL-O-RING							
	85	2	116-8615	1	CAP							
	86	2	116-8616	1	CAP							
	87	2	116-7108	1	SHAFT							
	88	2	117-0685	2	BOLT							
	89	2	116-8618	2	NUT							
	90	2	116-8620	1	SHAFT							
	91	2	116-7112	2	SPACER							
	92	2	116-7947	2	SEAL							
	93	2	116-7118	1	LEVER							
	94	2	116-8619	1	CLIP							
	95	3	116-8627	1	HOOK							
	96	3	116-8628	1	HOOK							
	97	3	116-7122	1	BOLT							
	98	3	116-7123	1	WASHER							
	99	3	116-7125	1	LINK							
	100	3	116-7124	1	SPRING							
	101	3	116-7135	1	NUT							
	102	3	116-7947	1	SEAL							
	103	3	116-7133	1	BOLT							
	104	3	116-8629	1	PLUG							
	105	3	116-8630	1	SEAL-O-RING							
	106	3	116-7130	2	SEAL-O-RING							
	107	3	110-5416	1	GUIDE							
	108	3	116-8631	1	SPRING							
	109	3	116-8632	1	SPRING							
	110	3	117-1289	1	PISTON							
	111	3	116-7127	1	SEAL							
	112	3	110-5412	1	RING							
	113	3	116-7066	1	PLUG							
	114	3	116-8634	1	SEAL-O-RING							



# FUEL SYSTEM

107-2559 PUMP GP - FUEL INJECTION (contd.)

i01995450

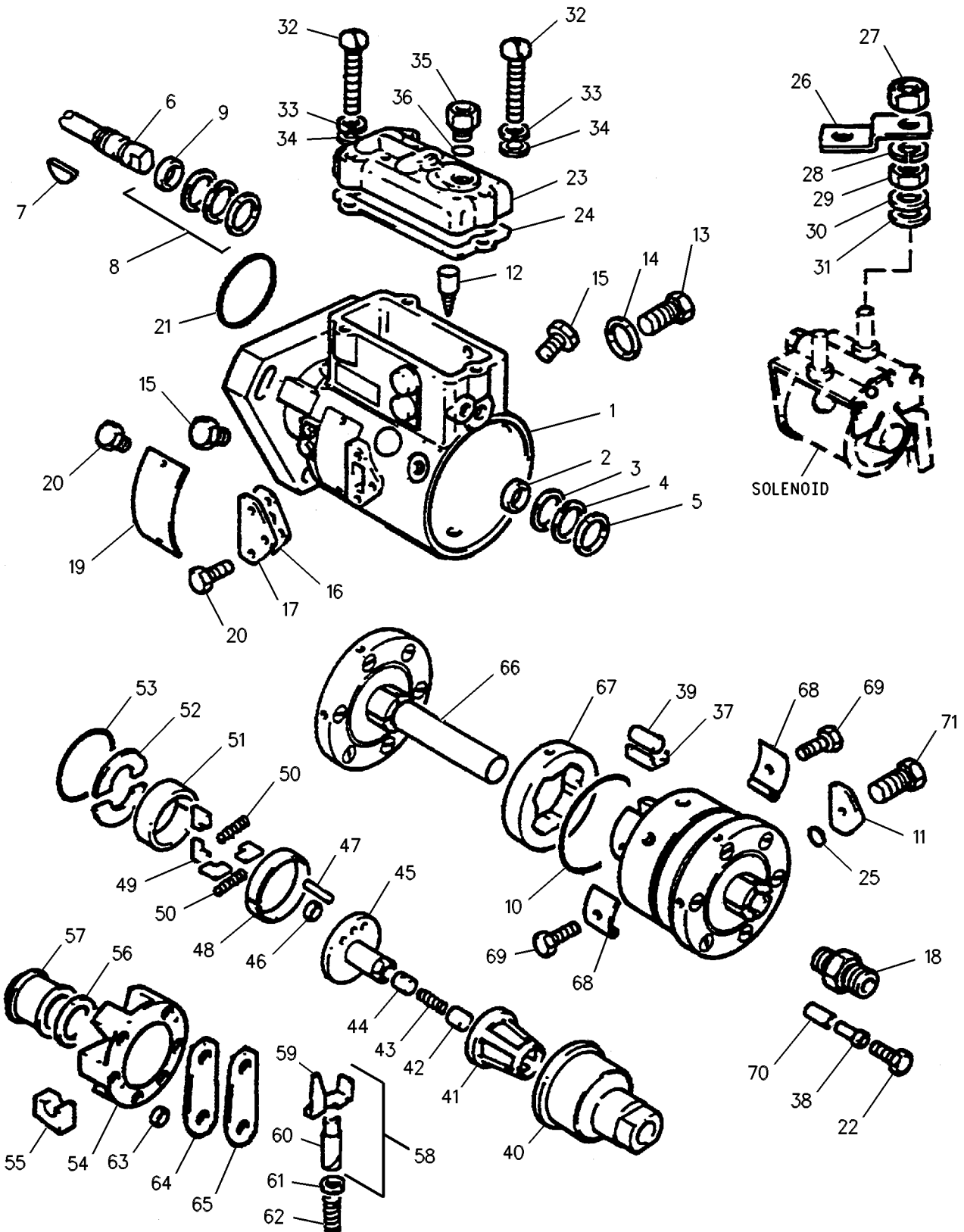
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	115	3	116-8635	1	VALVE						
	116	3	116-8636	2	BOLT						
	117	3	116-7065	1	SEAL						
	118	3	116-8638	1	BOLT						
	119	3	116-7067	1	SEAL						
	120	3	116-8639	1	PIN						



# FUEL SYSTEM

107-2559 PUMP GP - FUEL INJECTION (contd.)

i01995450



GRAPHIC #1

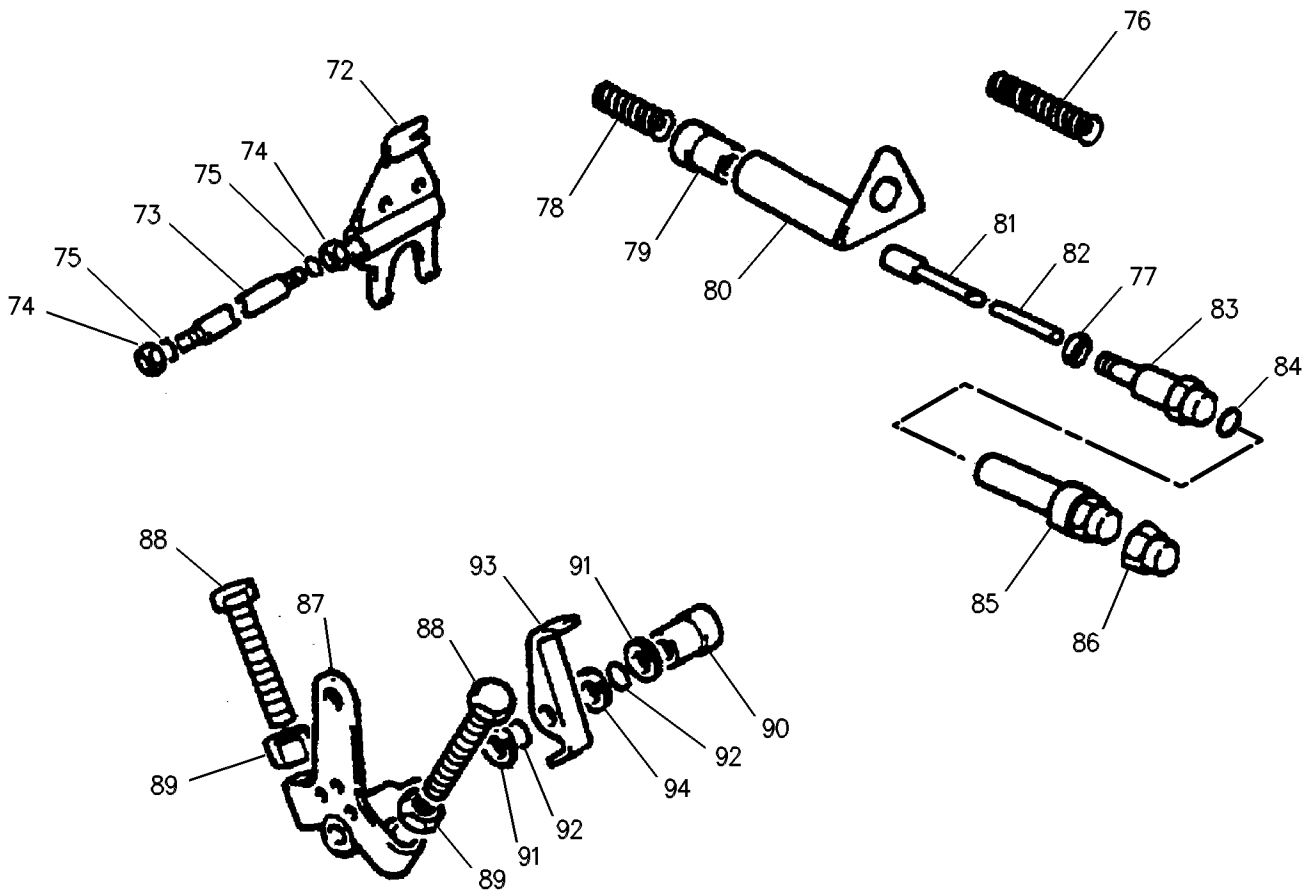
g00492636



# FUEL SYSTEM

107-2559 PUMP GP - FUEL INJECTION (contd.)

i01995450



GRAPHIC #2

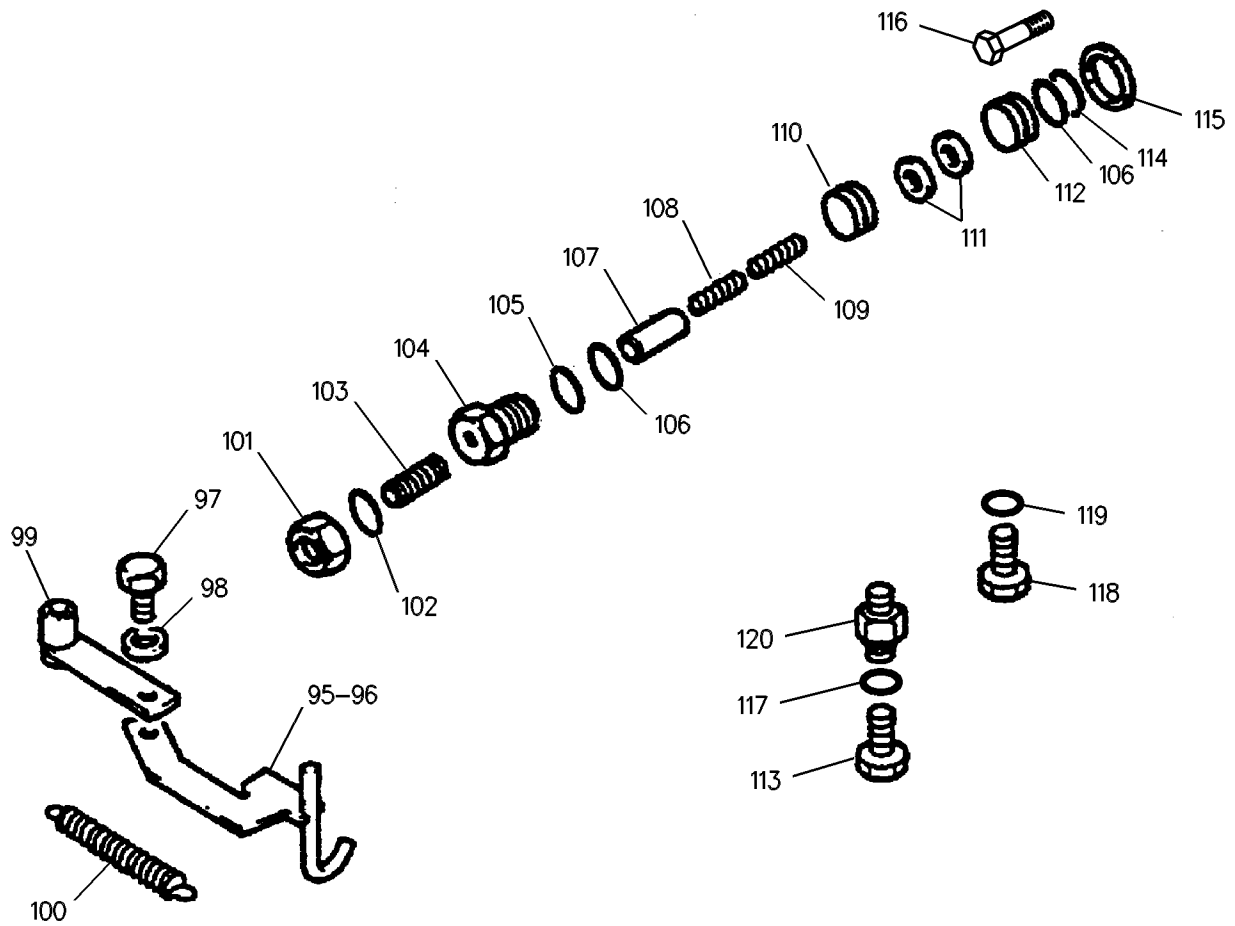
g00492637



# FUEL SYSTEM

107-2559 PUMP GP - FUEL INJECTION (contd.)

i01995450



GRAPHIC #3

<END>

g00492638





# FUEL SYSTEM

## 107-2560 PUMP GP-FUEL INJECTION

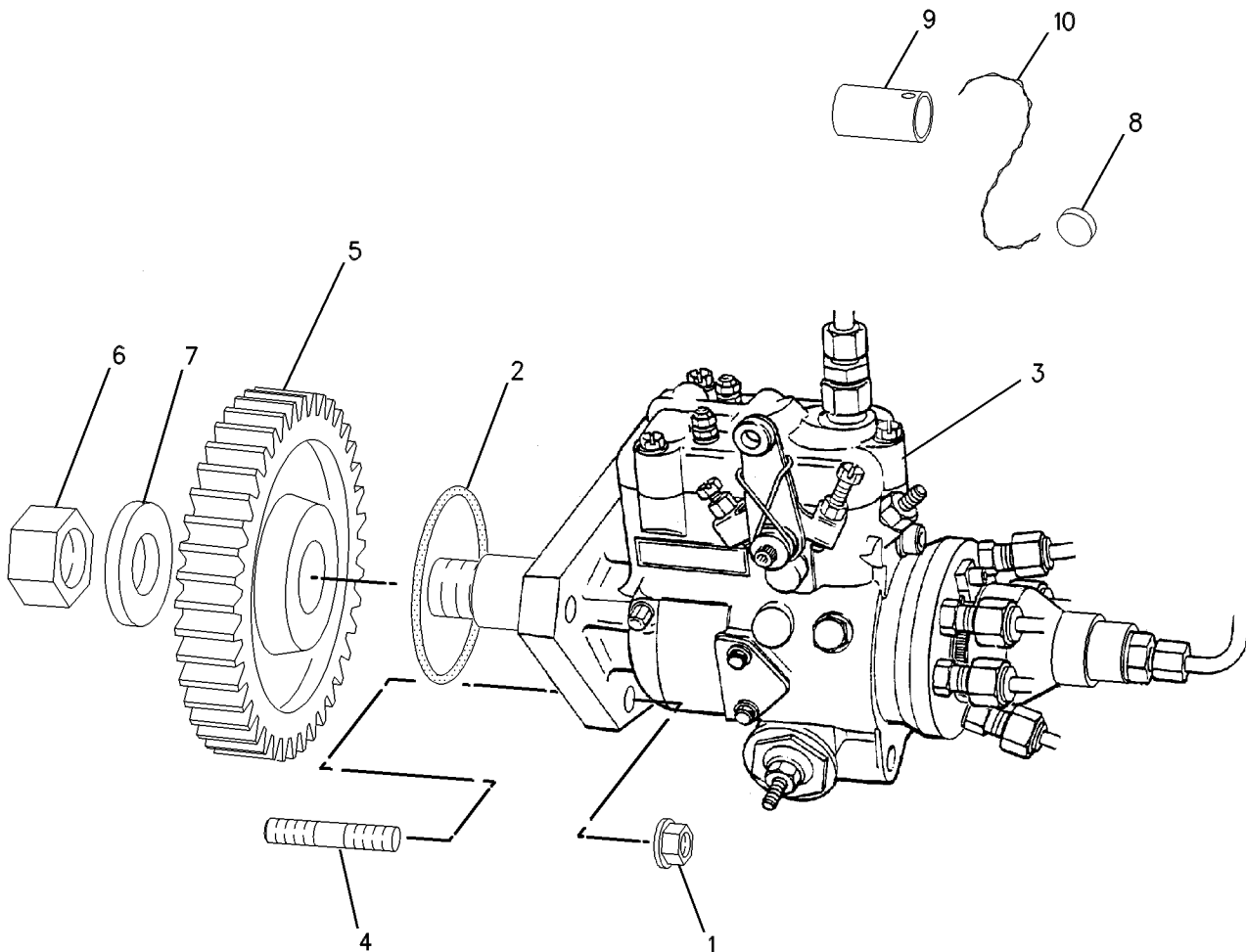
S/N: GSN1-UP  
ALSO AN ATTACHMENT  
TYPE 1

SMCS-1251, 1290

i01670992

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-0291	3	NUT (M8X1.25)						
	2	1	116-8572	1	SEAL						
Y	3	1	107-2559	1	PUMP GP-FUEL INJECTION						190
	4	1	101-3877	3	STUD						
	5	1	101-3878	1	GEAR (56 TEETH)						
	6	1	111-3422	1	NUT						
	7	1	111-3423	1	WASHER						
	8	1	067-7006	1	SEAL						
	9	1	114-2573	1	SLEEVE						
	10	1	3P-1388	1	LOCKWIRE (10CM)						

Y- SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00481382



# FUEL SYSTEM

## 107-2560 PUMP GP-FUEL INJECTION

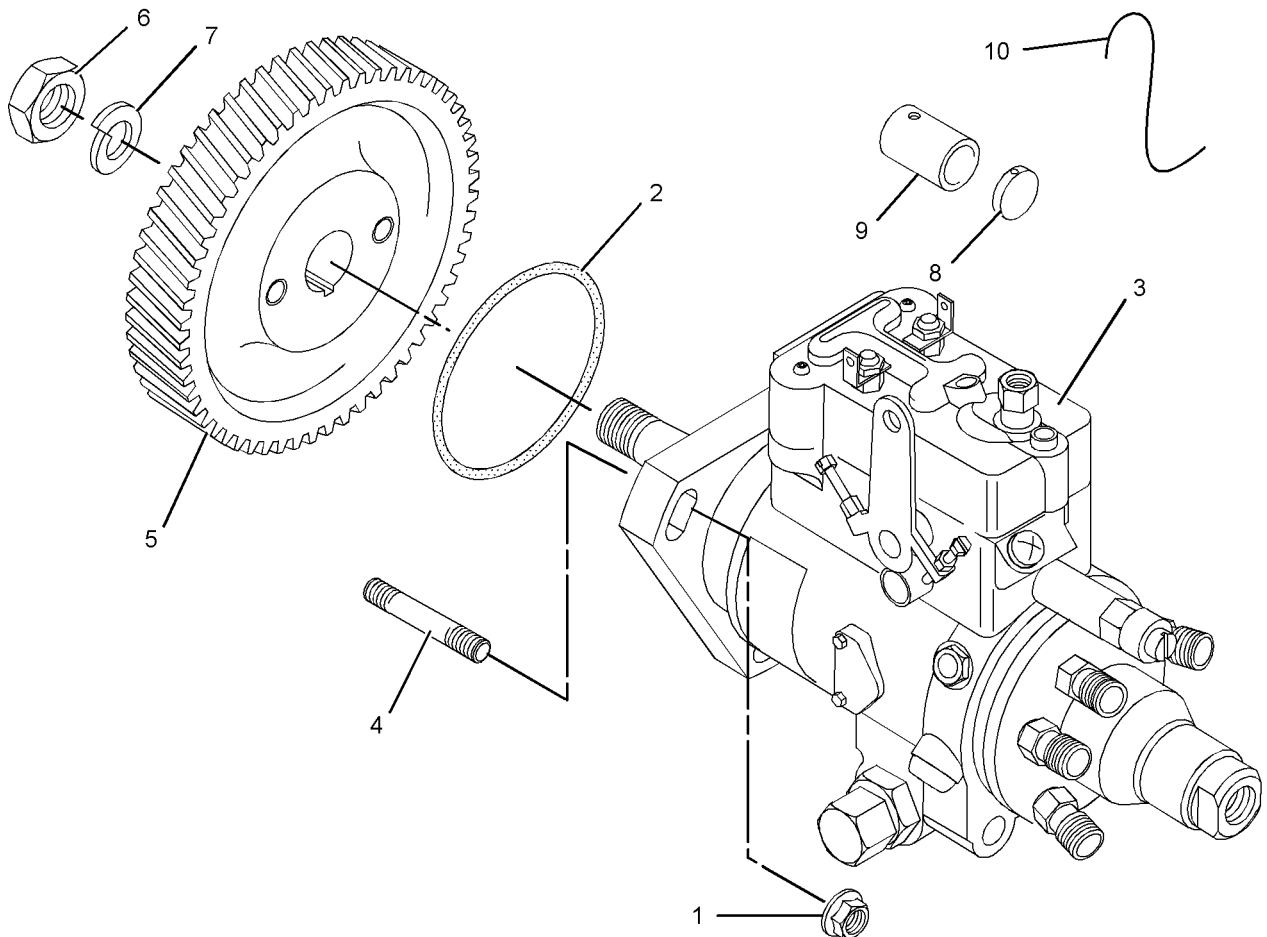
S/N: GSN1-UP  
ALSO AN ATTACHMENT  
TYPE 2

SMCS-1251, 1290

i01931471

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-0291	3	NUT (M8X1.25)						
	2	1	116-8572	1	SEAL						
C	3	1	231-4179	1	PUMP GP-FUEL INJECTION						
	4	1	101-3877	3	STUD						
	5	1	101-3878	1	GEAR (56 TEETH)						
	6	1	111-3422	1	NUT						
	7	1	111-3423	1	WASHER						
	8	1	067-7006	1	SEAL						
	9	1	114-2573	1	SLEEVE						
	10	1	3P-1388		LOCKWIRE (10CM)						

C- CHANGE FROM PREVIOUS TYPE



GRAPHIC #1

<END>

g01032035



# FUEL SYSTEM

## 222-1392 PUMP GP-FUEL INJECTION

S/N: GSN131-UP

AN ATTACHMENT

SMCS-1251, 1290

i01991876

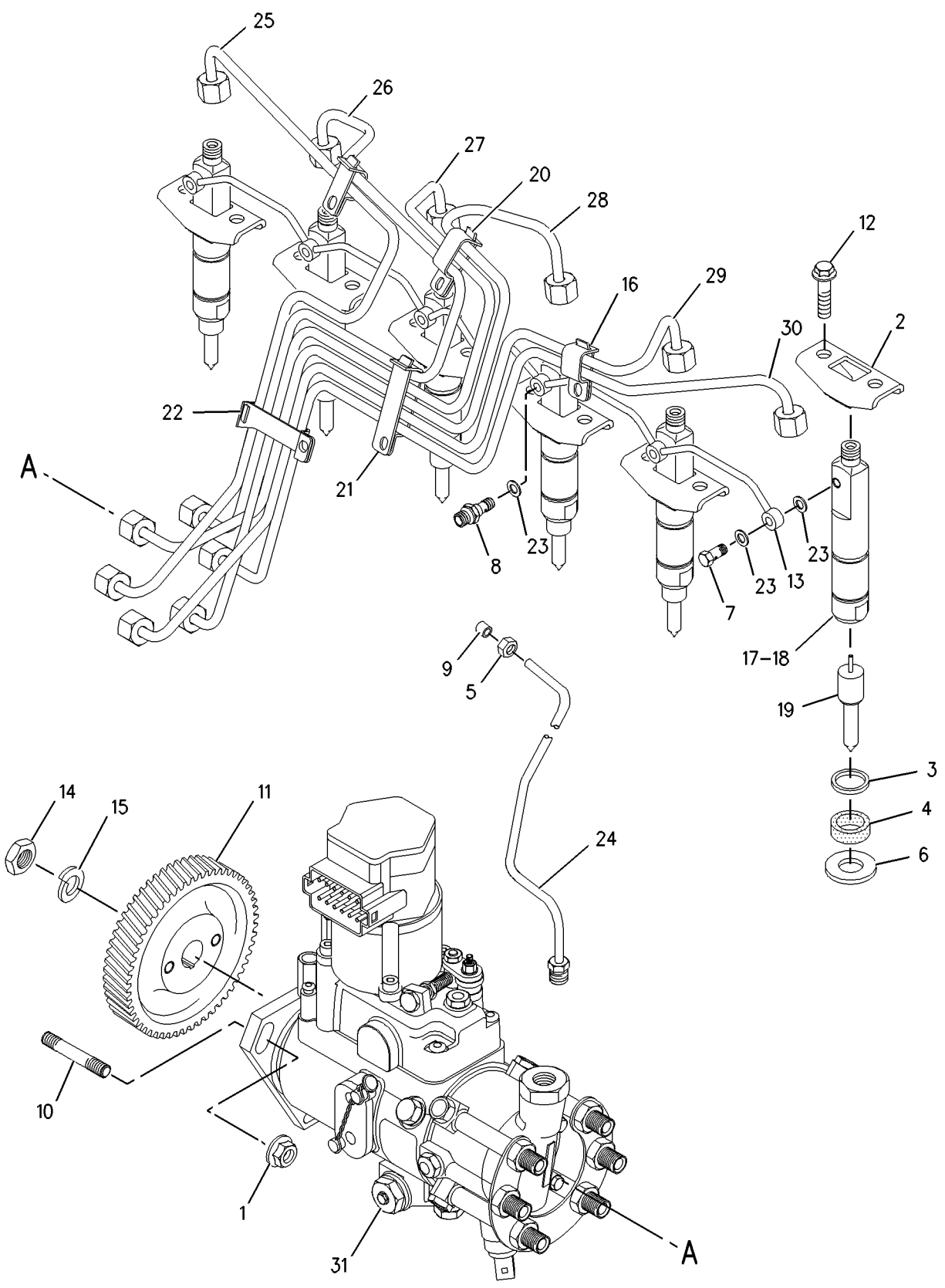
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-0291	3	NUT (M8X1.25)						
	2	1	7C-9255	6	CLAMP						
	3	1	7W-0186	6	SPACER (21.6X26.8X3.2MM THK)						
	4	1	7W-0187	6	SEAL						
	5	1	9S-5937	1	LOCKNUT						
	6	1	033-7873	6	WASHER (10.01X20.85X2.03MM THK)						
	7	1	067-6312	4	BOLT						
	8	1	067-6980	2	BOLT (M8)						
	9	1	067-6999	1	FERRULE						
	10	1	101-3877	3	STUD						
	11	1	101-3878	1	GEAR (56 TEETH)						
M	12	1	101-3895	12	BOLT (M8X1.25X35MM)						
	13	1	102-9903	1	LINE-DRAIN						
	14	1	111-3422	1	NUT						
	15	1	111-3423	1	WASHER						
	16	1	124-3708	2	CLIP						
	17	1	147-5513	6	INJECTOR AS-FUEL (EACH INCLUDES)						
	18	1	147-5514	1	HOLDER						
	19	1	147-5515	1	NOZZLE						
	20	1	162-9992	1	CLIP						
	21	1	162-9993	1	CLIP						
	22	1	162-9994	1	CLIP						
	23	1	218-2857	12	WASHER						
	24	1	221-0033	1	LINE AS-FUEL						
	25	1	221-4021	1	TUBE AS (NO.1 CYL.)						
	26	1	221-4022	1	TUBE AS (NO.2 CYL.)						
	27	1	221-4023	1	TUBE AS (NO.3 CYL.)						
	28	1	221-4024	1	TUBE AS (NO.4 CYL.)						
	29	1	221-4025	1	TUBE AS (NO.5 CYL.)						
	30	1	221-4026	1	TUBE AS (NO.6 CYL.)						
	31	1	222-1390	1	PUMP GP-FUEL INJECTION						
M-METRIC PART											



# FUEL SYSTEM

222 - 1392 PUMP GP - FUEL INJECTION (contd.)

i01991876



GRAPHIC #1

<END>

g00919320



# FUEL SYSTEM

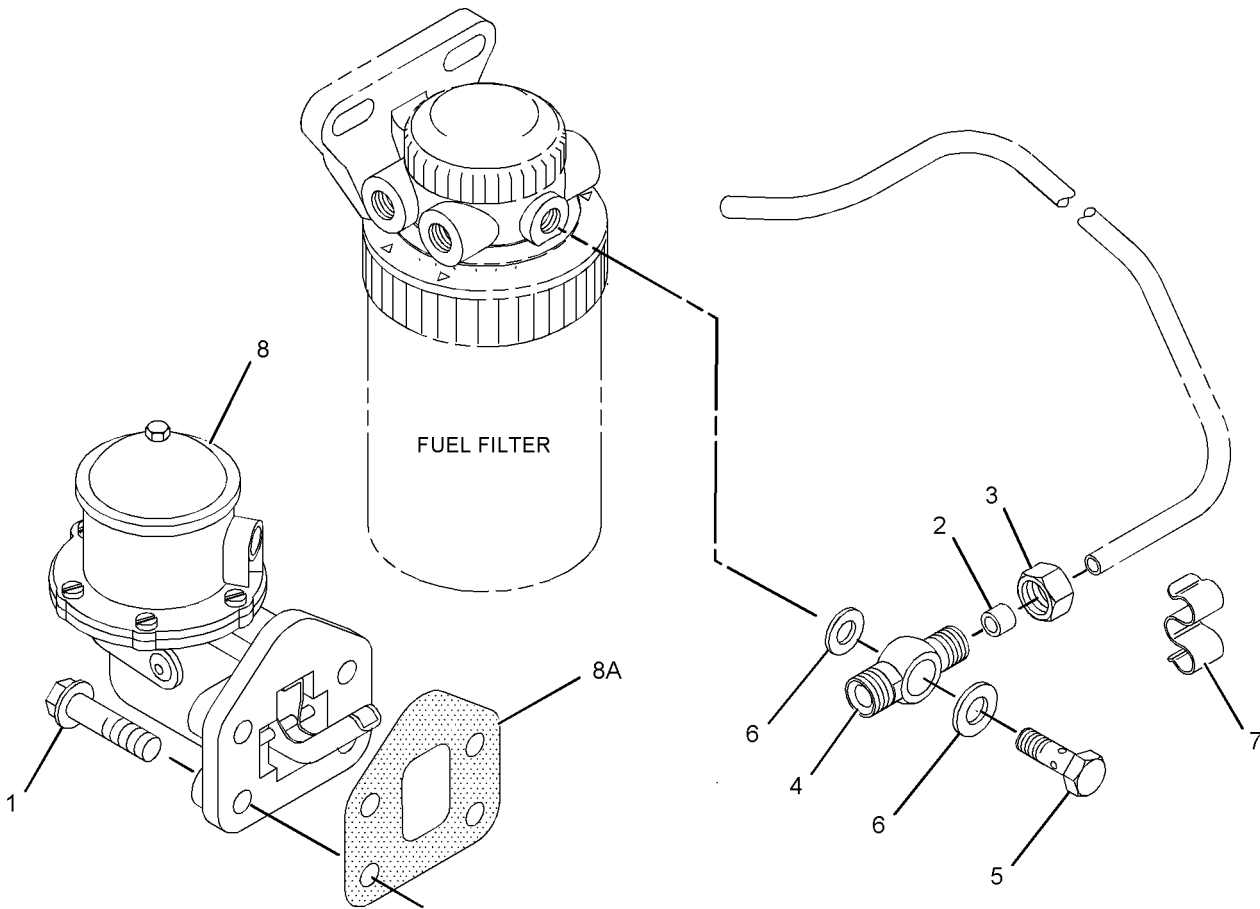
## 230-9635 PUMP GP-FUEL TFR & PRIMING

S/N: GSN1-UP  
AN ATTACHMENT

SMCS-1717

i01998323

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-0254	4	BOLT (M8X1.25X30MM)						
	2	1	032-8047	1	OLIVE						
	3	1	035-8014	1	NUT (7/16IN)						
	4	1	101-3905	1	CONNECTION						
	5	1	101-3906	1	BOLT						
	6	1	101-3907	2	WASHER						
	7	1	127-8162	1	CLIP						
	8	1	132-9447	1	PUMP AS-FUEL TRANSFER						
		1	171-1384	1	KIT-FUEL PUMP						
	8A	1	231-4457	1	GASKET						



GRAPHIC #1

<END>

g01010499



# FUEL SYSTEM

## 234-2596 SEPARATOR GP - WATER

S/N: SNX1-UP

AN ATTACHMENT

SMCS - 1263

i01998022

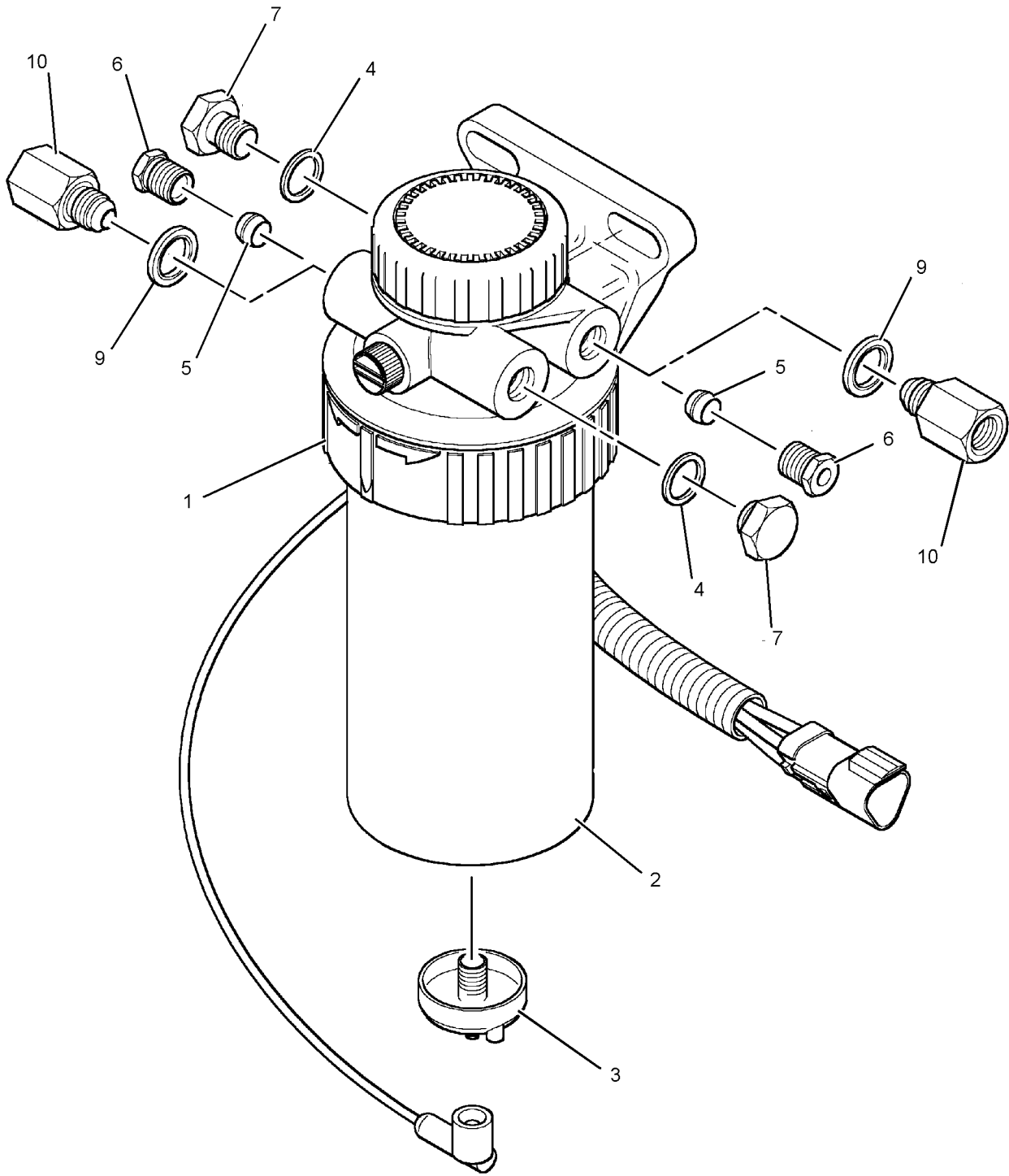
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	234-2583	1	SEPARATOR AS						
	2	1	206-6909	1	FILTER ELEMENT AS-FUEL (WATER SEPARATOR)						
	3	1	234-2566	1	PLUG-DRAIN (FUEL FILTER)						
	4	1	032-8100	2	WASHER (.53X.72X.06 IN THK)						
	5	1	067-6269	2	OLIVE						
	6	1	067-6268	1	NUT-FUEL LINE (1/2IN)						
	7	1	033-7849	2	PLUG						
	9	1	219-1643	2	SEAL						
	10	1	219-1644	2	ADAPTOR						



# FUEL SYSTEM

234 - 2596 SEPARATOR GP-WATER (contd.)

i01998022



GRAPHIC #1

<END>

g01032765



# FUEL SYSTEM

## 234-2597 SEPARATOR GP - WATER

S/N: SNX1-UP

AN ATTACHMENT

SMCS - 1263

i01998025

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
1	1	1	234-2589	1	SEPARATOR GP - WATER						
2	1	1	206-6909	1	FILTER ELEMENT AS-FUEL (WATER SEPARATOR)						
3	1	1	234-2566	1	PLUG-DRAIN (WATER SEPARATOR)						
4	1	1	032-8100	2	WASHER (.53X.72X.06 IN THK)						
5	1	1	067-6269	2	OLIVE						
6	1	1	067-6268	1	NUT-FUEL LINE (1/2IN)						
7	1	1	033-7849	2	PLUG						
9	1	1	219-1643	2	SEAL						
10	1	1	219-1644	2	ADAPTOR						

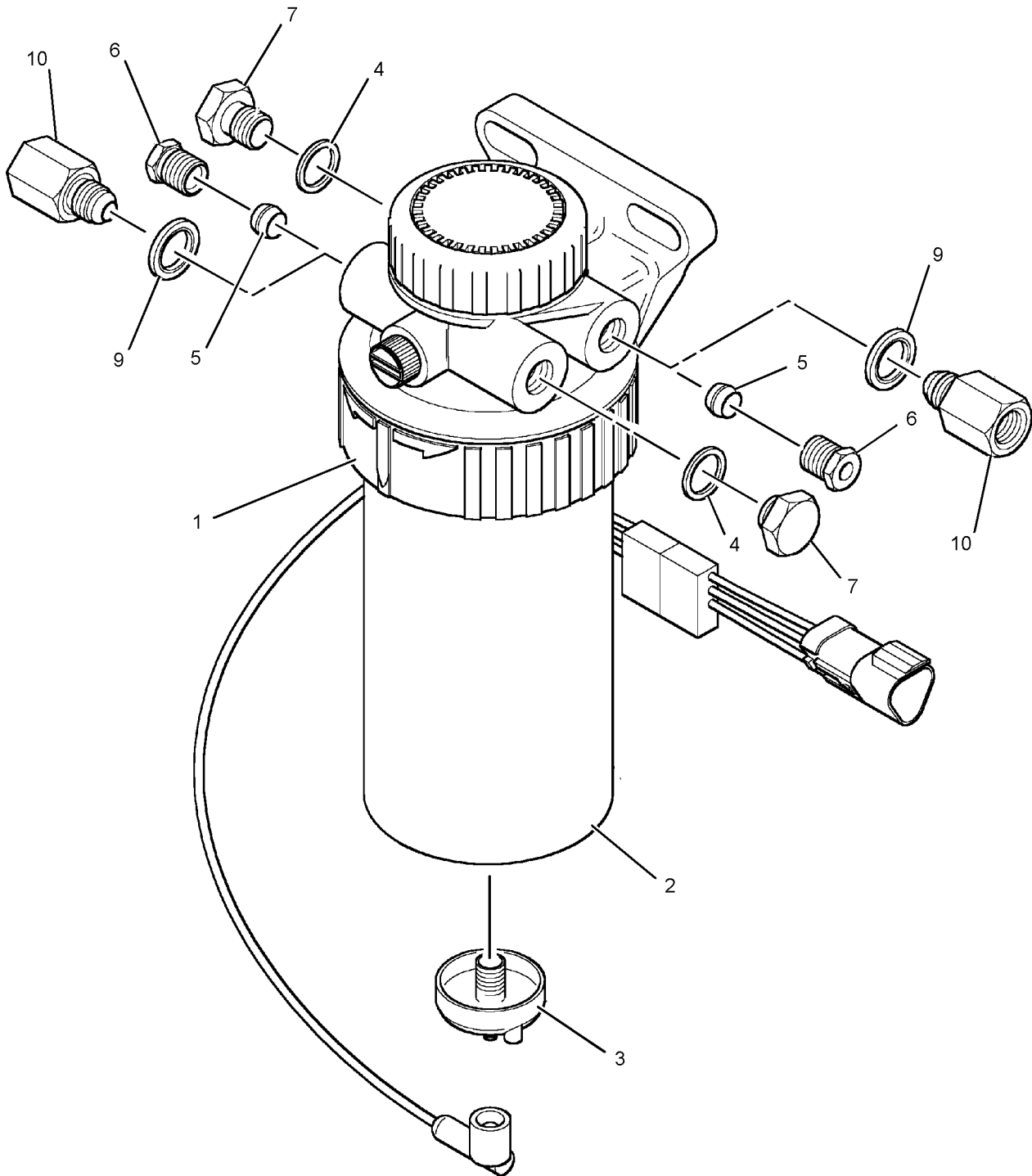




# FUEL SYSTEM

234 - 2597 SEPARATOR GP - WATER (contd.)

i01998025



GRAPHIC #1

<END>

g01032936



# ELECTRICAL AND STARTING SYSTEM

## 206-1287 ALTERNATOR GP-CHARGING

S/N: SNX1-UP

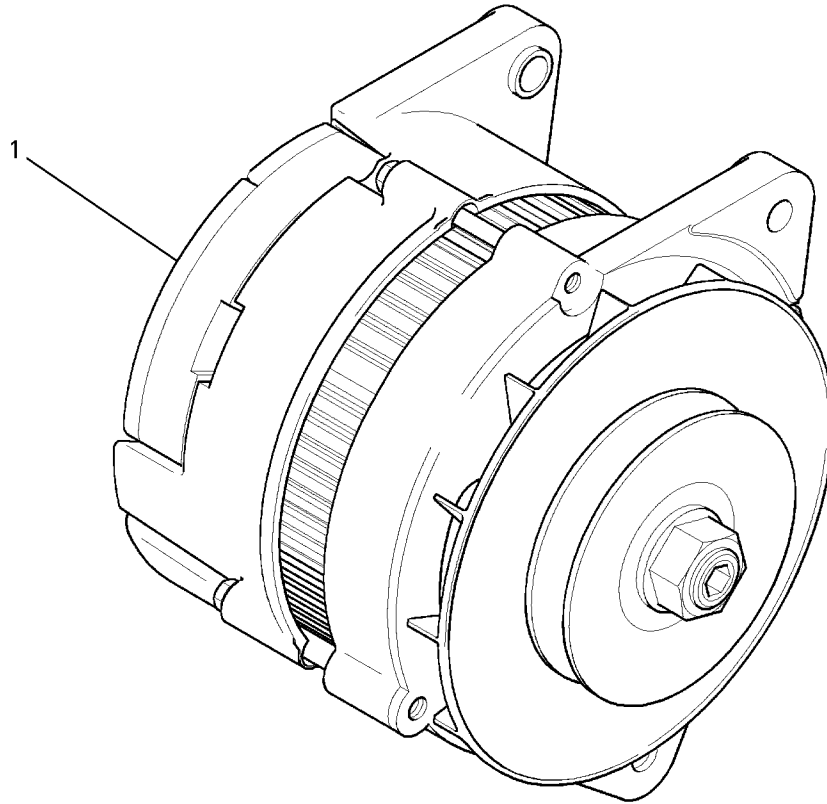
24 VOLT 128-155 AMPERES

PART OF 223-3302, 223-3303 ENGINE AR  
AN ATTACHMENT

SMCS-1405

i01624790

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	206-3752	1	ALTERNATOR						



GRAPHIC #1

<END>

g00789778



# ELECTRICAL AND STARTING SYSTEM

## 210-6568 ALTERNATOR GP-CHARGING

S/N: SNX1-UP

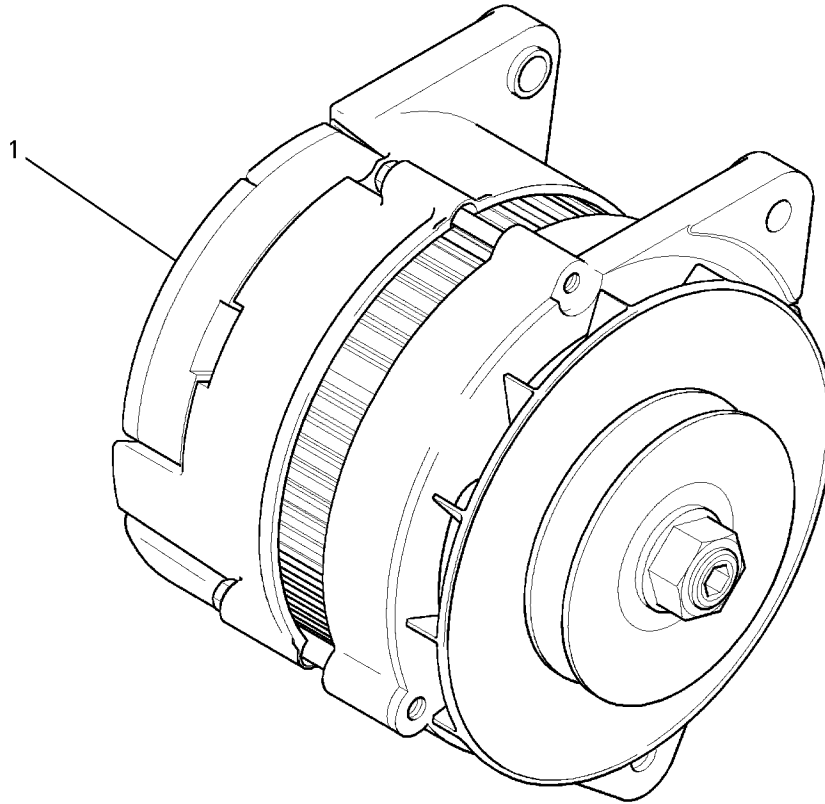
12 VOLT, 128-90 AMPERES

PART OF 223-3299, 223-3301 ENGINE AR  
AN ATTACHMENT

SMCS-1405

i01635824

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	210-7689	1	ALTERNATOR AS (12V)						



GRAPHIC #1

<END>

g00789778



# ELECTRICAL AND STARTING SYSTEM

## 212-6777 BOX GP-CONNECTION

S/N: SNX1-UP

12 VOLT DC

AN ATTACHMENT

SMCS-4460

i01642185

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	<b>206-4109</b>	1	COVER AS						
Y	2	1	212-6778	1	BOX GP-CONNECTION						209
	3	1	<b>8T-0328</b>	4	WASHER-HARD (5.5X10X1MM THK)						
M	4	1	<b>8T-6693</b>	4	SCREW-MACHINE (M5X0.8X16MM)						
	5	1	<b>143-8799</b>	1	SEAL						

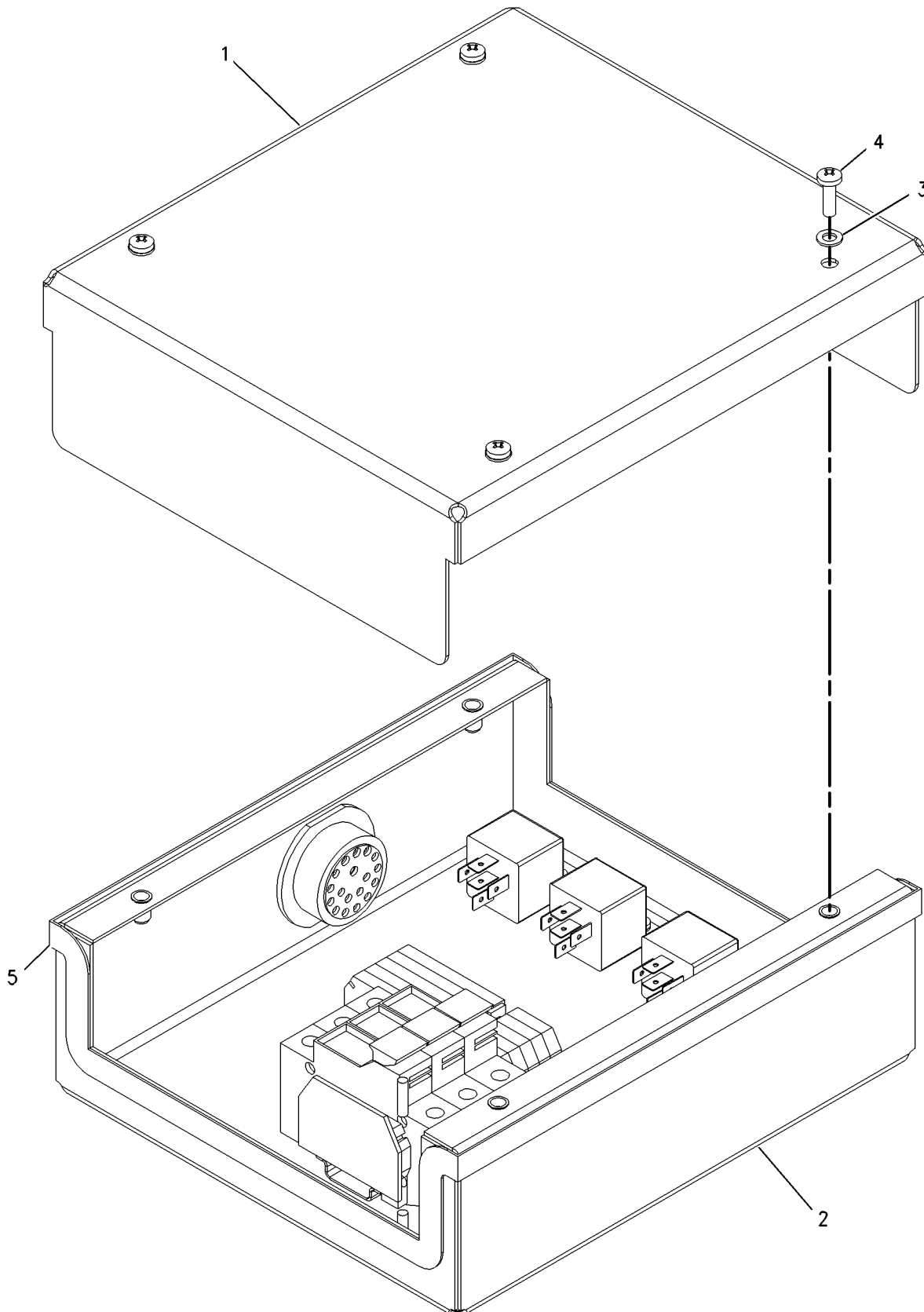
M-METRIC PART  
Y-SEPARATE ILLUSTRATION



# ELECTRICAL AND STARTING SYSTEM

212-6777 BOX GP-CONNECTION (contd.)

i01642185



GRAPHIC #1

<END>

g00853198



# ELECTRICAL AND STARTING SYSTEM

## 212-6778 BOX GP-CONNECTION

S/N: SNX1-UP

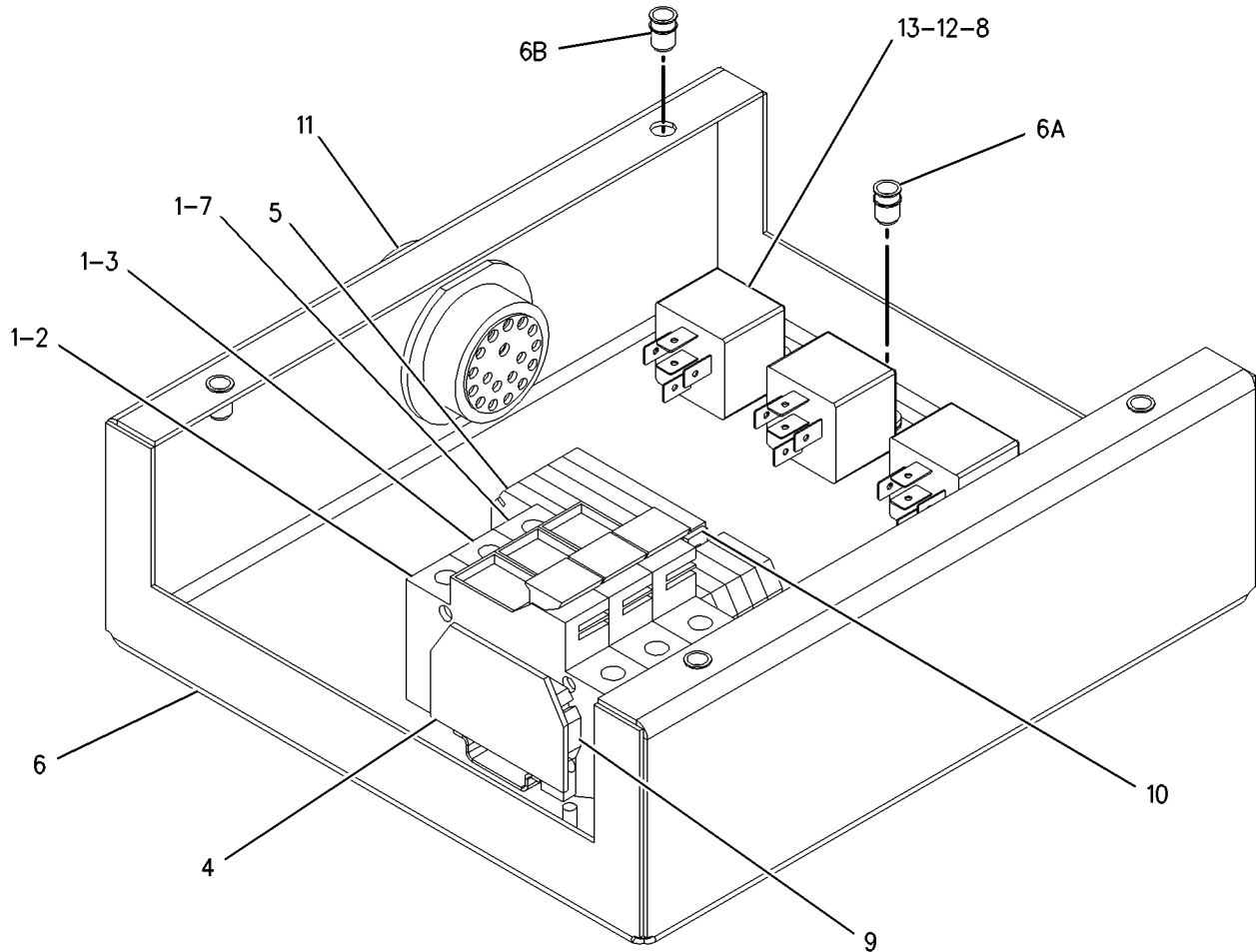
PART OF 212-6777 BOX GP-CONNECTION  
AN ATTACHMENT

SMCS-4460

i01998028

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	160-9602	3	HOLDER-FUSE						
	2	1	232-5811	1	FUSE (6 AMP)						
	3	1	149-7996	1	FUSE (32 AMP)						
	4	1	215-9086	1	COVER-TERMINAL						
	5	1	192-2922	5	BLOCK-TERMINAL (30 AMP)						
	6	1	206-3983	1	CHASSIS AS						
	6A	1	197-7426	4	INSERT-THREADED						
	6B	1	203-5398	4	INSERT						
	7	1	213-0176	1	FUSE (25 AMP)						
	8	1	213-0245	4	RELAY (12V)						
	9	1	213-0249	1	TERMINAL (EARTH)						
	10	1	213-2561	2	LINK						
	11	1	214-9412	1	HARNESS AS						
	12	1	8C-9660	4	WASHER (4.6X7.9X0.8MM THK)						
M	13	1	8T-0337	4	SCREW-MACHINE (M4X0.7X12MM)						

M-METRIC PART



GRAPHIC #1

<END>

g00853453



# ELECTRICAL AND STARTING SYSTEM

## 213-3068 BOX GP-CONNECTION

S/N: SNX1-UP  
24 VOLT DC  
AN ATTACHMENT

SMCS-4460

i01642211

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	<b>206-4109</b>	1	COVER AS						
Y	2	1	213-3083	1	BOX GP-CONNECTION						212
	3	1	<b>8T-0328</b>	4	WASHER-HARD (5.5X10X1MM THK)						
M	4	1	<b>8T-6693</b>	4	SCREW-MACHINE (M5X0.8X16MM)						
	5	1	<b>143-8799</b>	1	SEAL						

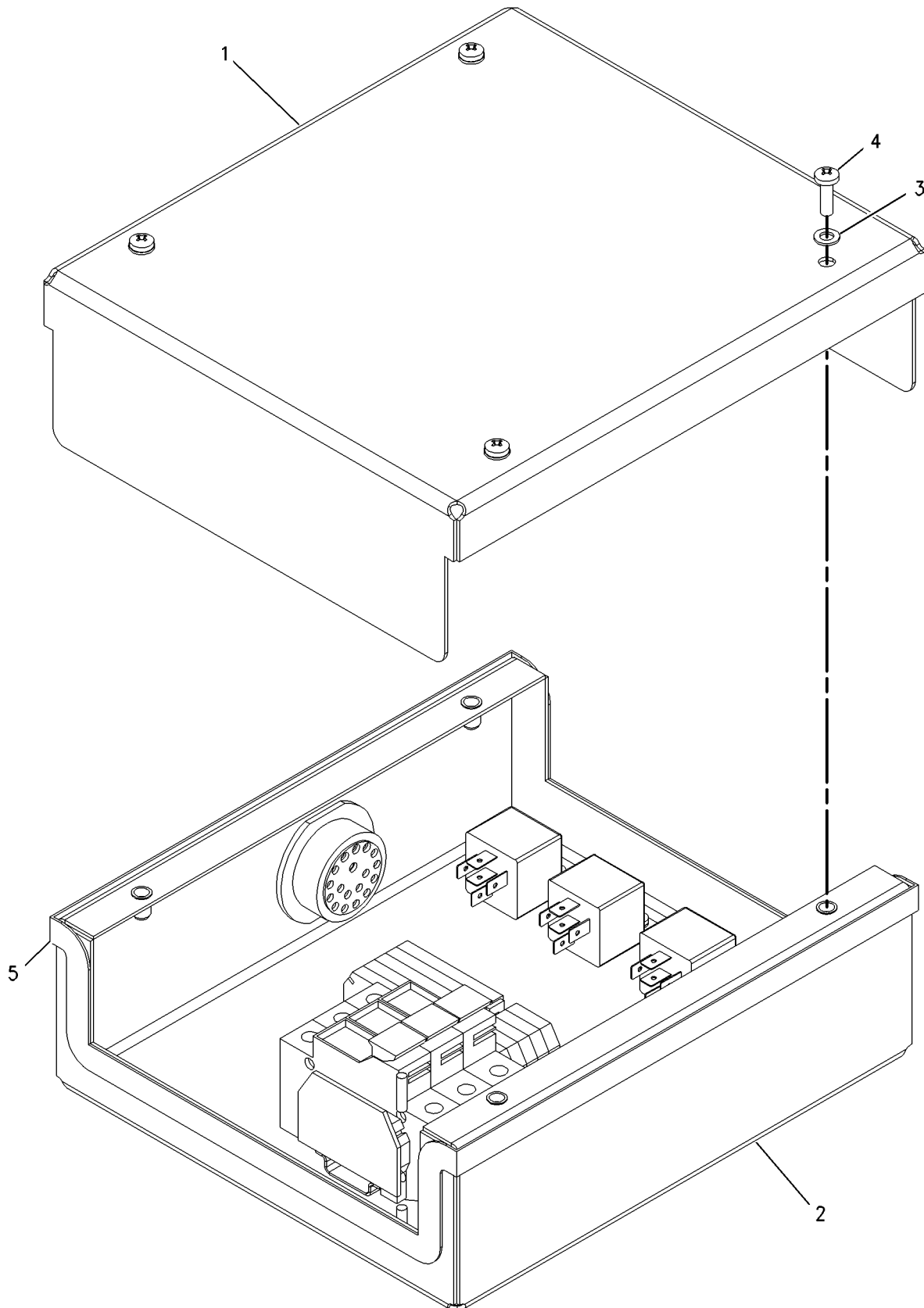
M-METRIC PART  
Y-SEPARATE ILLUSTRATION



# ELECTRICAL AND STARTING SYSTEM

213-3068 BOX GP-CONNECTION (contd.)

i01642211



GRAPHIC #1

<END>

g00853198





# ELECTRICAL AND STARTING SYSTEM

## 213-3083 BOX GP-CONNECTION

S/N: SNX1-UP

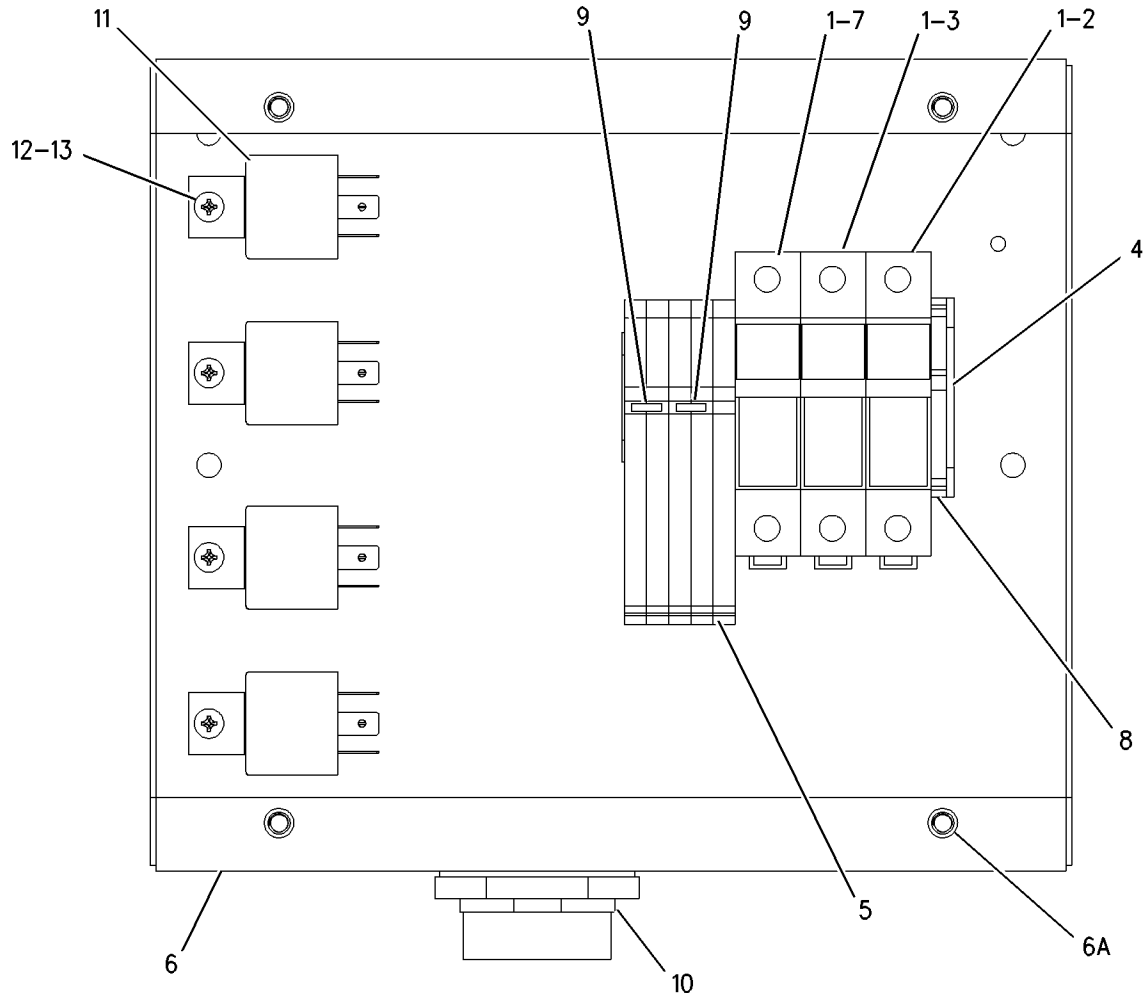
PART OF 213-3068 BOX GP-CONNECTION  
AN ATTACHMENT

SMCS-4460

i01998032

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	160-9602	3	HOLDER - FUSE						
	2	1	143-4472	1	FUSE (6 AMP)						
	3	1	149-7996	1	FUSE (32 AMP)						
	4	1	215-9086	1	COVER - TERMINAL						
	5	1	192-2922	5	BLOCK - TERMINAL (30 AMP)						
	6	1	206-3983	1	CHASSIS AS						
	6A	1	203-5398	4	INSERT						
		1	197-7426	4	INSERT - THREADED						
	7	1	213-0176	1	FUSE (25 AMP)						
	8	1	213-0249	1	TERMINAL (EARTH)						
	9	1	213-2561	2	LINK						
	10	1	214-9412	1	HARNESS AS						
	11	1	213-0246	4	RELAY (24 VOLT)						
	12	1	8C-9660	4	WASHER (4.6X7.9X0.8MM THK)						
M	13	1	8T-0337	4	SCREW-MACHINE (M4X0.7X12MM)						

M-METRIC PART



GRAPHIC #1

<END>

g00860118



# ELECTRICAL AND STARTING SYSTEM

## 241-4898 CONDUIT GP

S/N: SNX1-UP

AN ATTACHMENT

SMCS-7553

i01990365

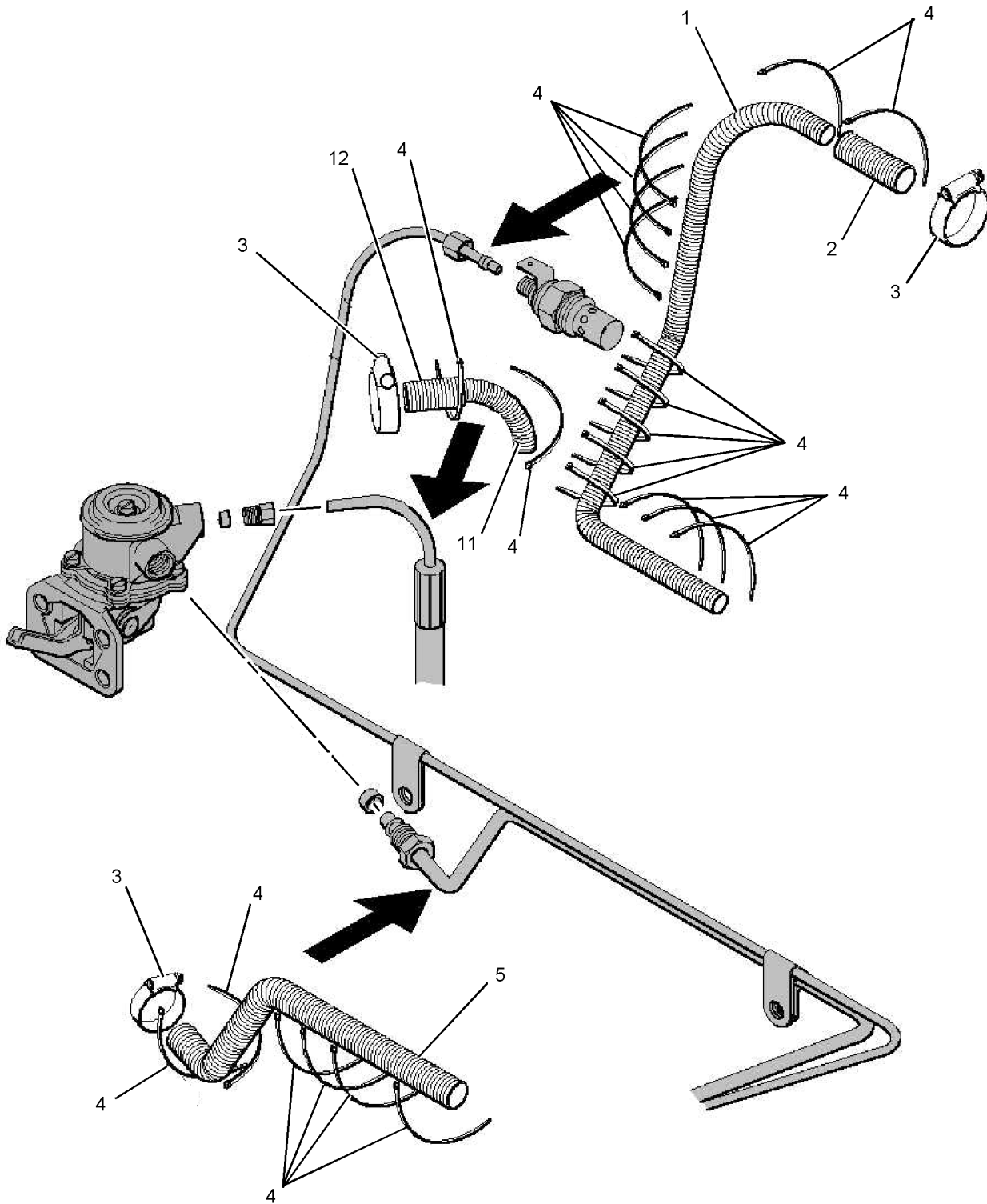
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	241-4106	1	CONDUIT						
	2	1	241-4107	1	CONDUIT						
	3	1,2	230-5811	7	CLAMP-HOSE						
	4	1,2	196-0384	31	TIE-CABLE						
	5	1	241-4108	1	CONDUIT						
	6	2	241-4109	1	CONDUIT						
	7	2	241-4110	1	CONDUIT						
	8	2	241-4111	1	CONDUIT						
	9	2	193-5141	1	CLAMP-HOSE						
	10	2	195-4615	1	STRAP						
	11	1,2	241-4112	4	CONDUIT						
	12	1,2	241-4113	4	CONDUIT						



# ELECTRICAL AND STARTING SYSTEM

241 - 4898 CONDUIT GP (contd.)

i01990365



GRAPHIC #1

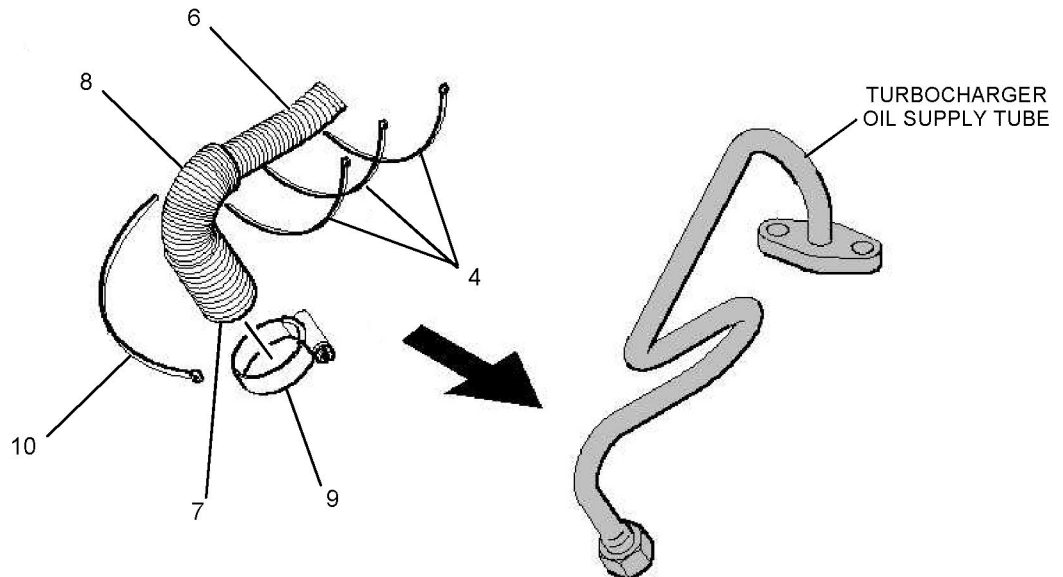
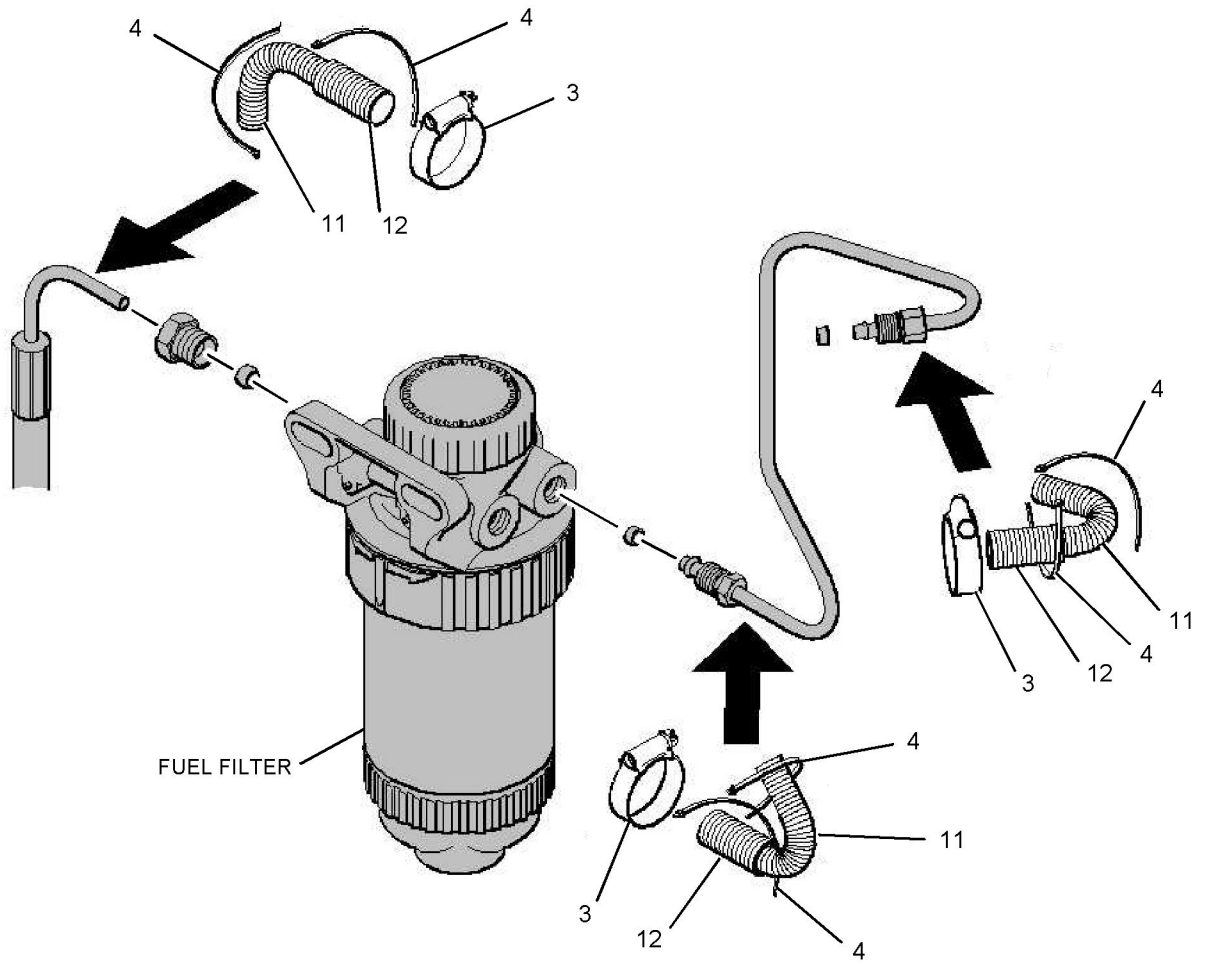
g01030985



# ELECTRICAL AND STARTING SYSTEM

241 - 4898 CONDUIT GP (contd.)

i01990365



GRAPHIC #2

<END>

g01030987



# ELECTRICAL AND STARTING SYSTEM

## 210-3072 HARNESS AS

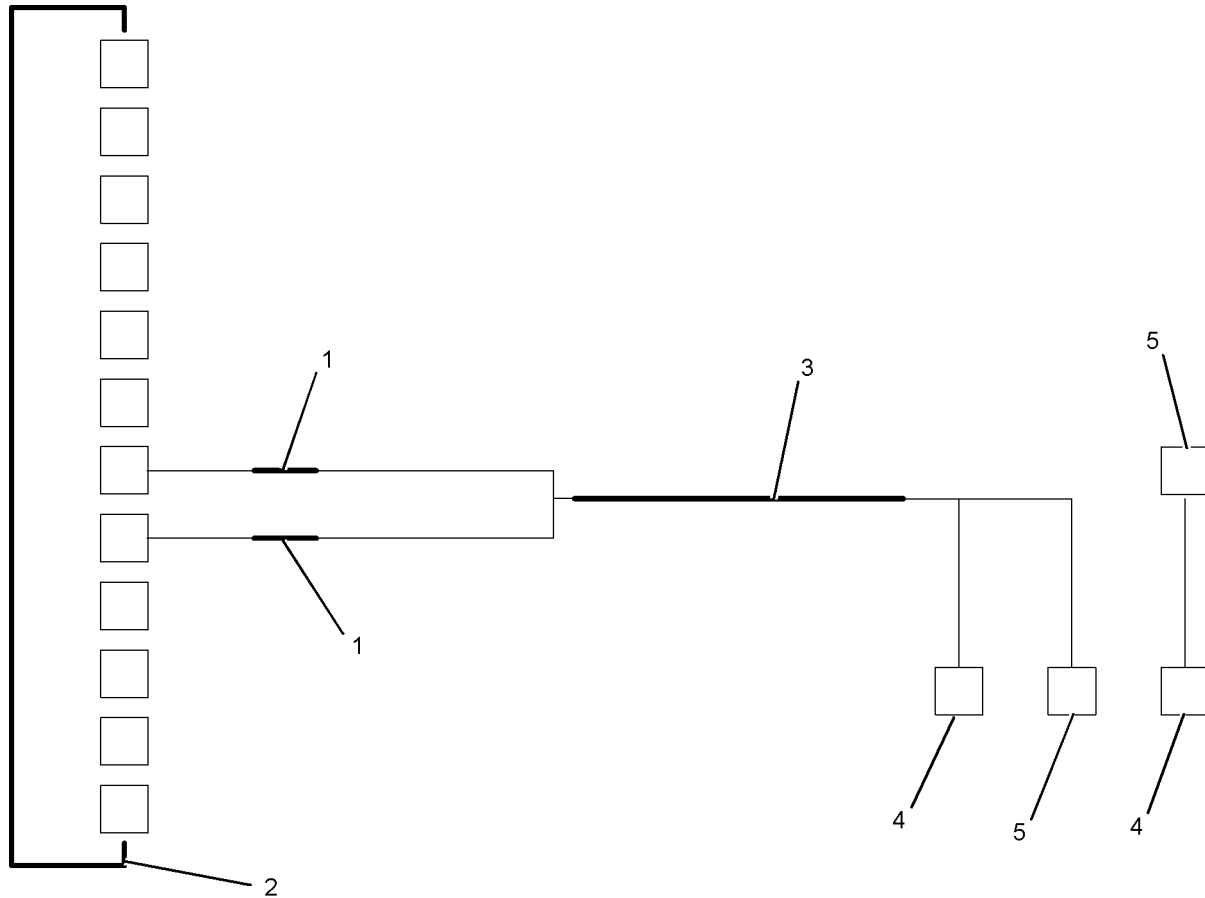
S/N: SNX1-UP  
STANDARD PANEL  
AN ATTACHMENT

SMCS-1408

i01985228

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	186-3736	2	SOCKET-CONNECTOR						
	2	1	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
		1	155-2258	1	WEDGE-PLUG LOCK (12 PIN)						
D	3	1	6V-5818		CONDUIT-FLEXIBLE (1M)						
	4	1	2L-8081	2	TERMINAL						
	5	1	8I-3815	2	TERMINAL-BLADE						

D-ORDER BY THE METER



GRAPHIC #1

<END>

g01031131



# ELECTRICAL AND STARTING SYSTEM

## 211-7973 HARNESS AS

S/N: SNX1-UP

AN ATTACHMENT

SMCS-1408

i01985227

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	<b>186-3736</b>	29	SOCKET-CONNECTOR						
	2	1	<b>213-0139</b>	5	PIN						
BD	3	1	<b>6V-5818</b>		CONDUIT-FLEXIBLE (6M)						
	4	1	<b>214-3164</b>	1	TEE (19-19-9)						
	5	1	<b>214-3165</b>	2	TEE (19-9-9)						
	6	1	<b>214-3133</b>	6	TEE (19-19-19)						
	7	1	<b>214-3166</b>	3	TEE (9-9-9)						
	8	1	<b>2L-8075</b>	4	TERMINAL						
	10	1	<b>2L-8081</b>	2	TERMINAL (14-16 GA) (12.7MM)						
	11	1	<b>2L-8067</b>	4	TERMINAL-RING (CRIMP)						
	12	1	<b>2L-8068</b>	3	TERMINAL-RING						
	13	1	<b>2L-8069</b>	2	TERMINAL (10-12 GA) (9.52MM)						
	14	1	<b>8U-4251</b>	1	TERMINAL (8-10 GA) (8.4MM)						
	15	1	<b>8I-3815</b>	10	TERMINAL-BLADE						
	16	1	<b>213-0141</b>	1	CONNECTOR						
	17	1	<b>213-0142</b>	1	CONNECTOR						
	18	1	<b>155-2272</b>	1	PLUG AS-CONNECTOR (4-PIN)						
	19	1	<b>155-2262</b>	1	WEDGE-PLUG LOCK (4 PIN)						
	20	1	<b>155-2260</b>	1	KIT-CONNECTING PLUG (3-PIN) (INCLUDES PLUG AS AND WEDGE)						
	F		<b>2L-8078</b>	1	TERMINAL-RING						

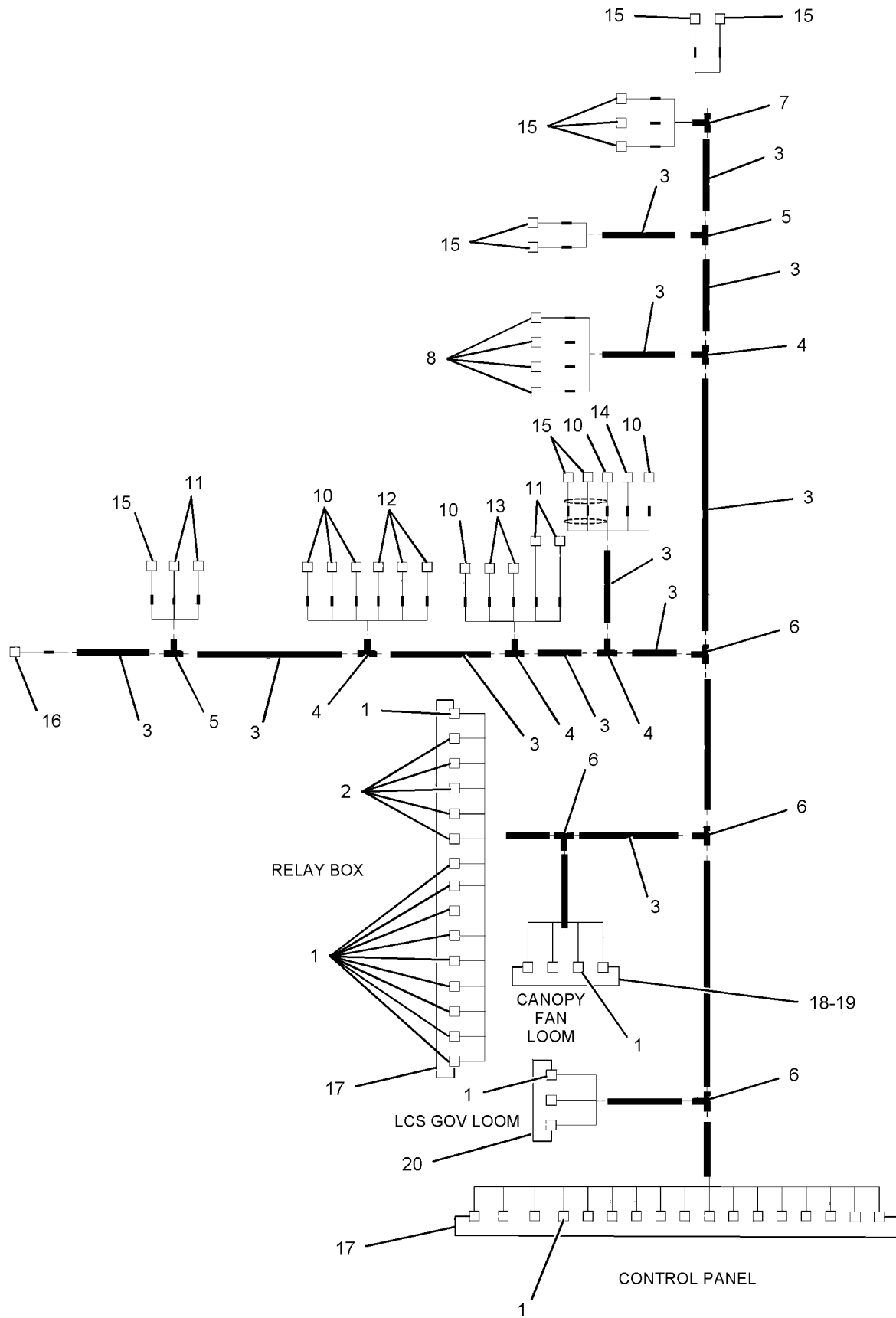
B-USE AS REQUIRED  
D-ORDER BY THE METER  
F-NOT SHOWN



# ELECTRICAL AND STARTING SYSTEM

211 - 7973 HARNESS AS (contd.)

i01985227



GRAPHIC #1

<END>

g01031037



# ELECTRICAL AND STARTING SYSTEM

## 211-7976 HARNESS AS

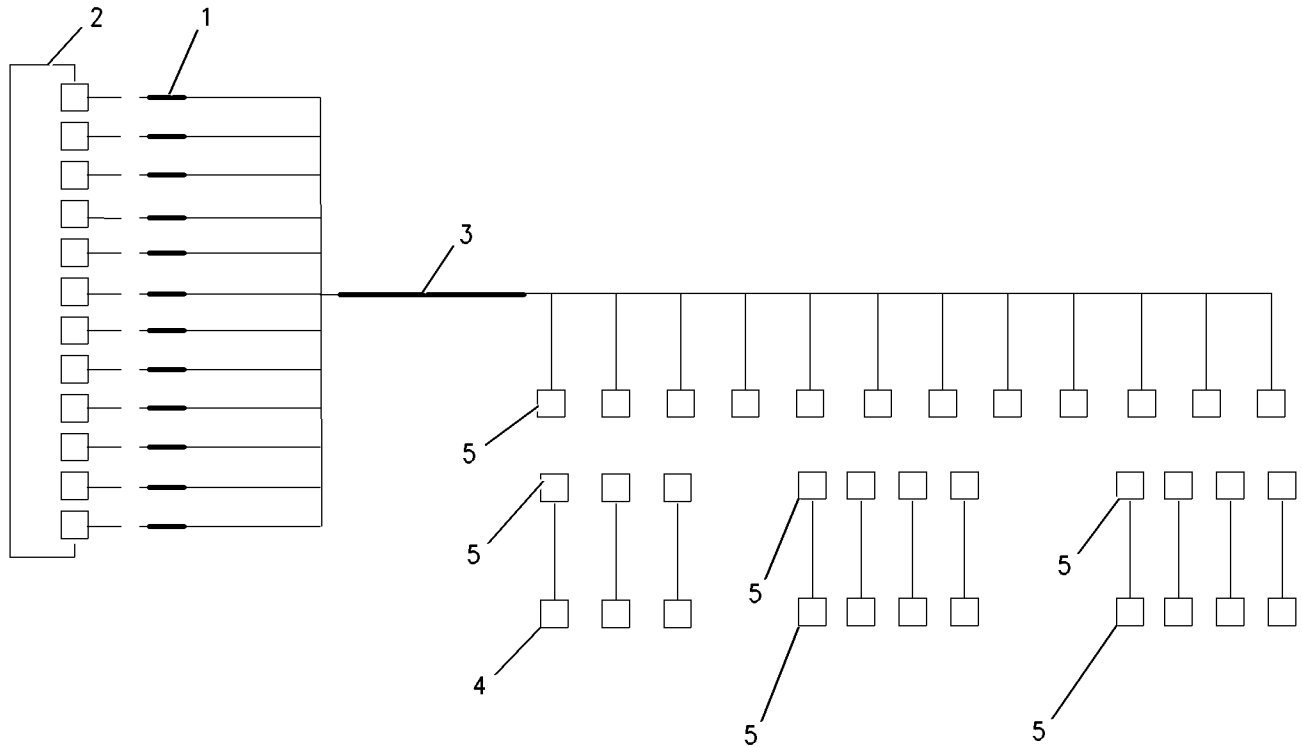
S/N: SNX1-UP  
PREMIUM PANEL  
AN ATTACHMENT

SMCS-1408

i01670607

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	186-3736	5	SOCKET-CONNECTOR						
	2	1	155-2257	1	KIT-CONNECTING PLUG						
		1	155-2258	1	WEDGE-PLUG LOCK (12 PIN)						
D	3	1	6V-5818		CONDUIT-FLEXIBLE (.9M)						
	4	1	2L-8081	2	TERMINAL (14-16 GA) (12.7MM)						
	5	1	8I-3815	2	TERMINAL-BLADE (14-16 GA)						

D-ORDER BY THE METER



GRAPHIC #1

<END>

g00857919





# ELECTRICAL AND STARTING SYSTEM

## 213-4657 HARNESS AS

S/N: SNX1-UP

15FT (4.57 METERS)

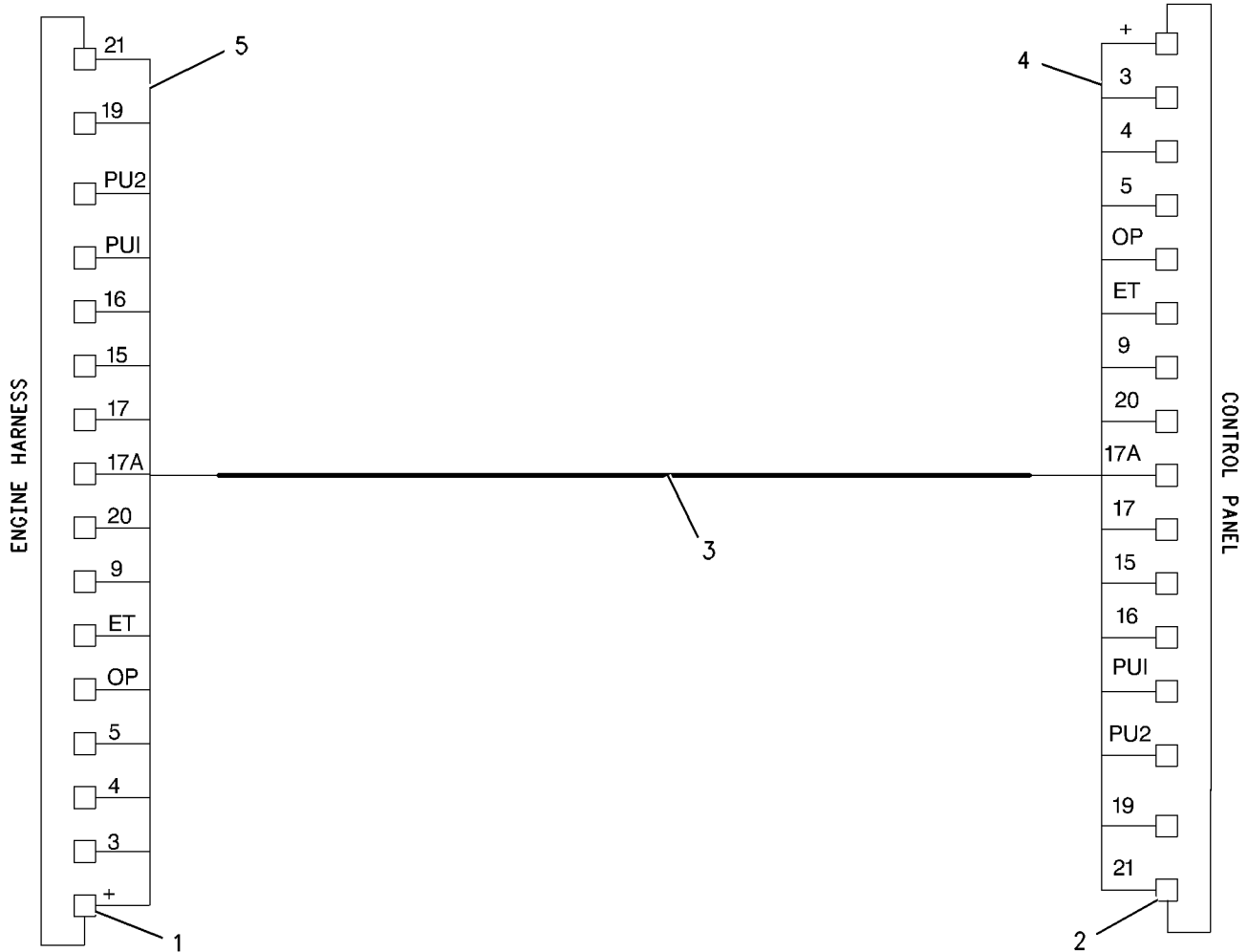
FOR USE WITH REMOTE MOUNTED STANDARD OR PREMIUM PANELS. CANNOT BE USED WITH REMOTE STOP/START PANELS AN ATTACHMENT

SMCS-1408

i01642218

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	186-3736	20	SOCKET - CONNECTOR						
	2	1	186-3735	20	PIN - CONNECTOR						
D	3	1	6V-5818		CONDUIT - FLEXIBLE (4M)						
	4	1	213-0141	1	CONNECTOR						
	5	1	213-0142	1	CONNECTOR						

D - ORDER BY THE METER



GRAPHIC #1

<END>

g00856905



# ELECTRICAL AND STARTING SYSTEM

## 214-4609 HARNESS AS

S/N: SNX1-UP

24-VOLT

FOR USE WITH 213-3068--PAGE 210

AN ATTACHMENT

SMCS-1408

i01985222

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	186-3736	29	SOCKET-CONNECTOR						
D	3	1	6V-5818		CONDUIT-FLEXIBLE (5M)						
	4	1	214-3164	1	TEE (19-19-9)						
	5	1	214-3165	2	TEE (19-9-9)						
	6	1	214-3133	6	TEE (19-19-19)						
	7	1	214-3166	3	TEE (9-9-9)						
	8	1	2L-8075	4	TERMINAL						
	10	1	2L-8081	2	TERMINAL (14-16 GA) (12.7MM)						
	11	1	2L-8067	4	TERMINAL						
	12	1	2L-8068	3	TERMINAL						
	13	1	2L-8069	2	TERMINAL						
	14	1	8U-4251	1	TERMINAL (8-10 GA) (8.4MM)						
	15	1	8I-3815	10	TERMINAL-BLADE						
	16	1	213-0141	1	CONNECTOR						
	17	1	213-0142	1	CONNECTOR						
	18	1	155-2272	1	PLUG AS-CONNECTOR (4-PIN)						
	19	1	155-2262	1	WEDGE-PLUG LOCK (4 PIN)						
	20	1	155-2260	1	KIT-CONNECTING PLUG (3-PIN) (INCLUDES PLUG AS AND WEDGE)						
	F		213-0139	5	PIN						
	F		2L-8078	1	TERMINAL						

D- ORDER BY THE METER

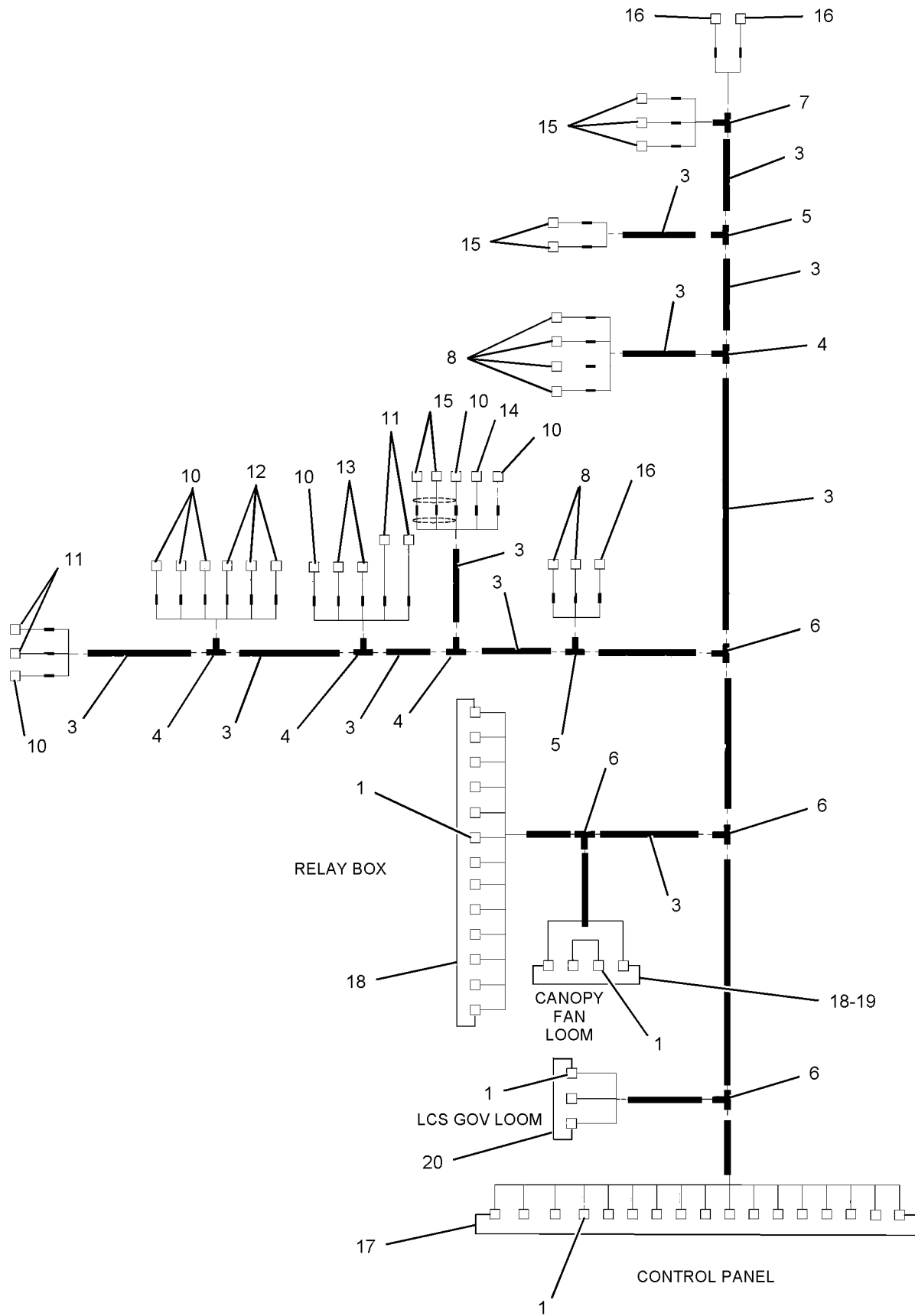
F- NOT SHOWN



# ELECTRICAL AND STARTING SYSTEM

214-4609 HARNESS AS (contd.)

i01985222



GRAPHIC #1

<END>

g01031114



# ELECTRICAL AND STARTING SYSTEM

## 214-6724 HARNESS AS

S/N: SNX1-UP

15FT (4.57 METERS)

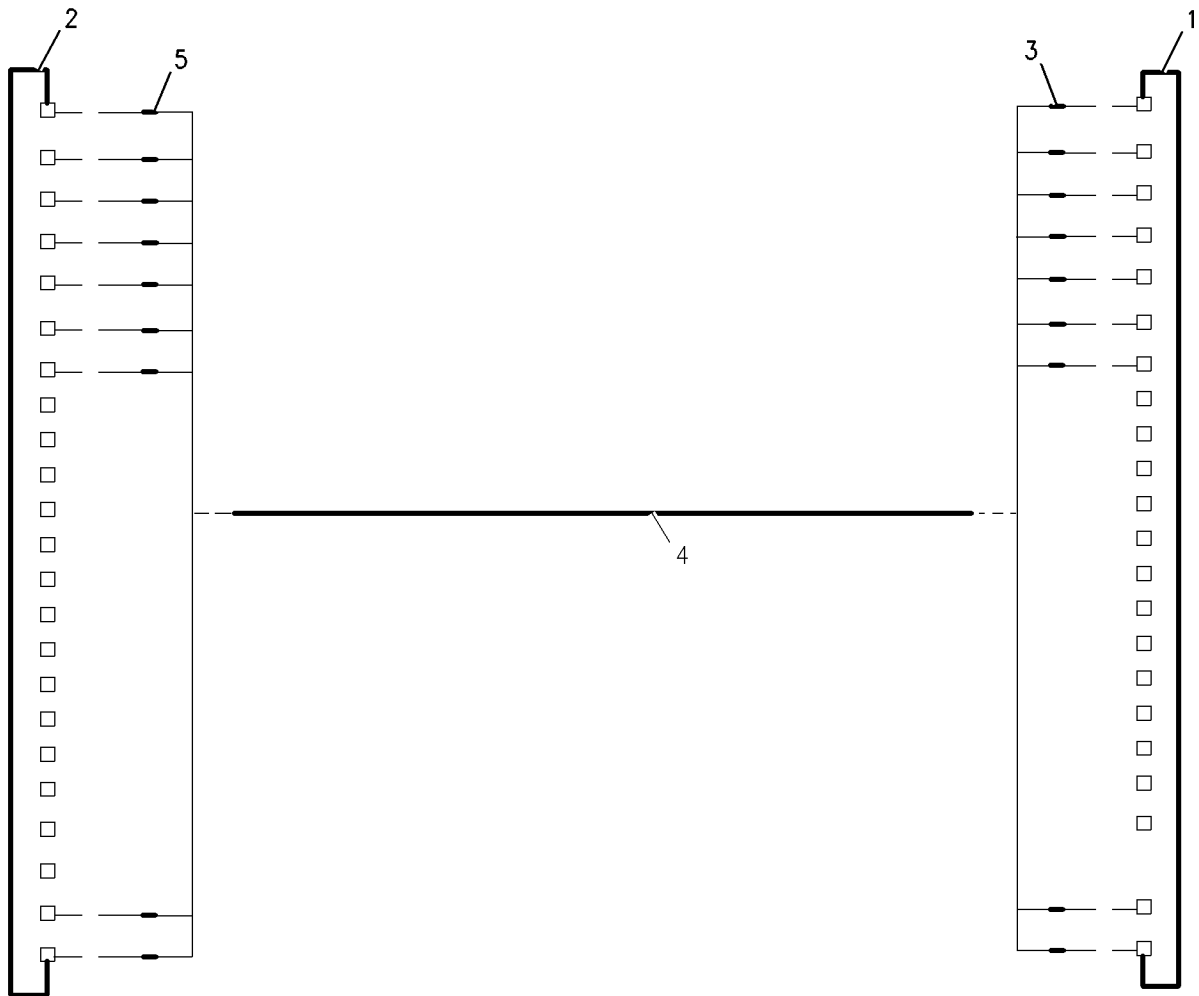
FOR USE WITH REMOTE START/STOP PANELS  
AN ATTACHMENT

SMCS-1408

i01646167

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	213-0141	1	CONNECTOR						
	2	1	212-9865	1	CONNECTOR						
	3	1	186-3736	8	SOCKET-CONNECTOR						
D	4	1	6V-5818		CONDUIT-FLEXIBLE (5M)						
	5	1	186-3735	8	PIN-CONNECTOR						

D-ORDER BY THE METER



GRAPHIC #1

<END>

g00857042



# ELECTRICAL AND STARTING SYSTEM

## 214-6725 HARNESS AS

S/N: SNX1-UP

25FT (7.62M)

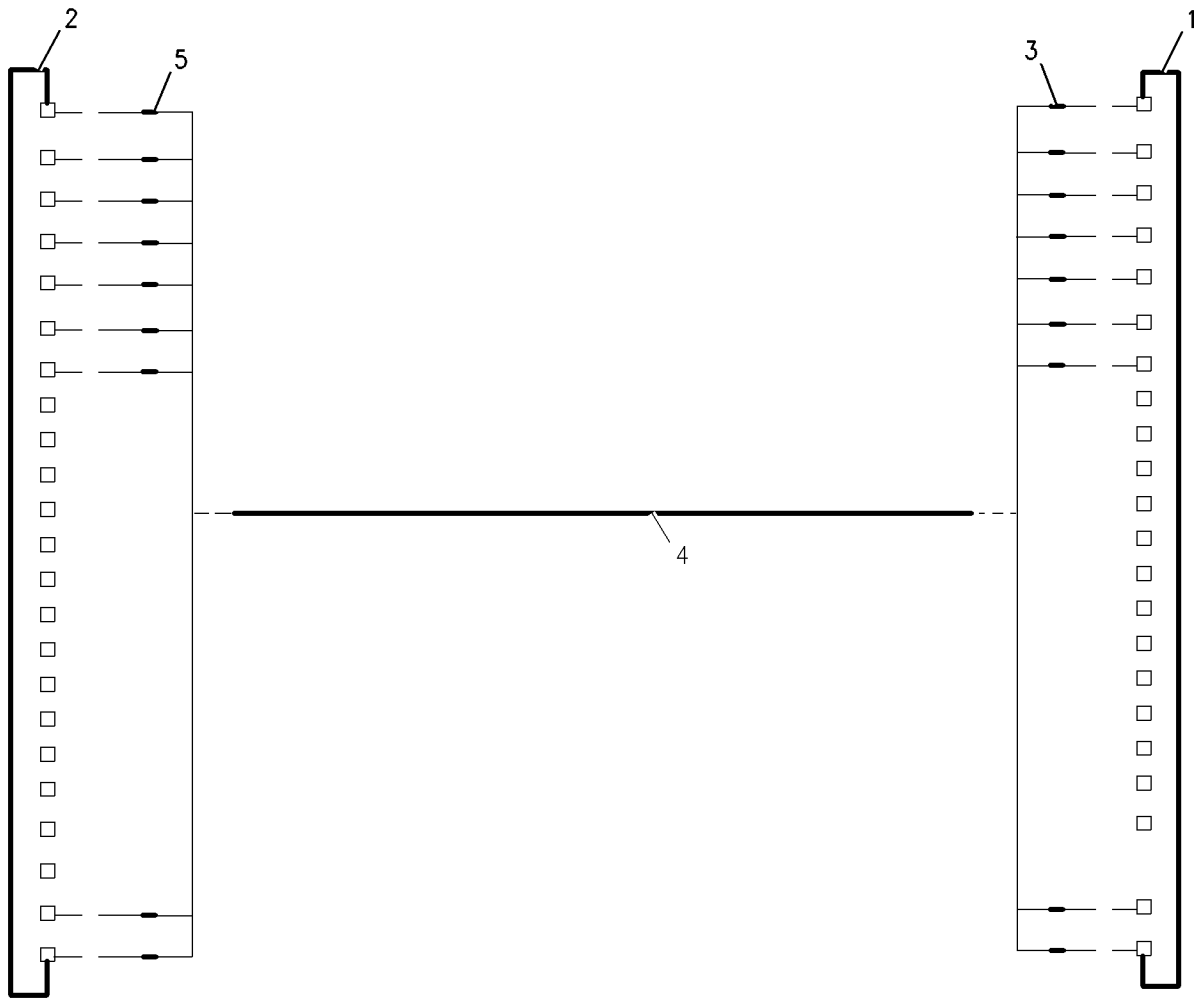
FOR USE WITH REMOTE START/STOP PANELS  
AN ATTACHMENT

SMCS-1408

i01646180

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	213-0141	1	CONNECTOR						
	2	1	212-9865	1	CONNECTOR						
	3	1	186-3736	8	SOCKET-CONNECTOR						
D	4	1	6V-5818		CONDUIT-FLEXIBLE (8M)						
	5	1	186-3735	8	PIN-CONNECTOR						

D-ORDER BY THE METER



GRAPHIC #1

<END>

g00857042



# ELECTRICAL AND STARTING SYSTEM

## 214-6726 HARNESS AS

S/N: SNX1-UP

45FT (13.72M)

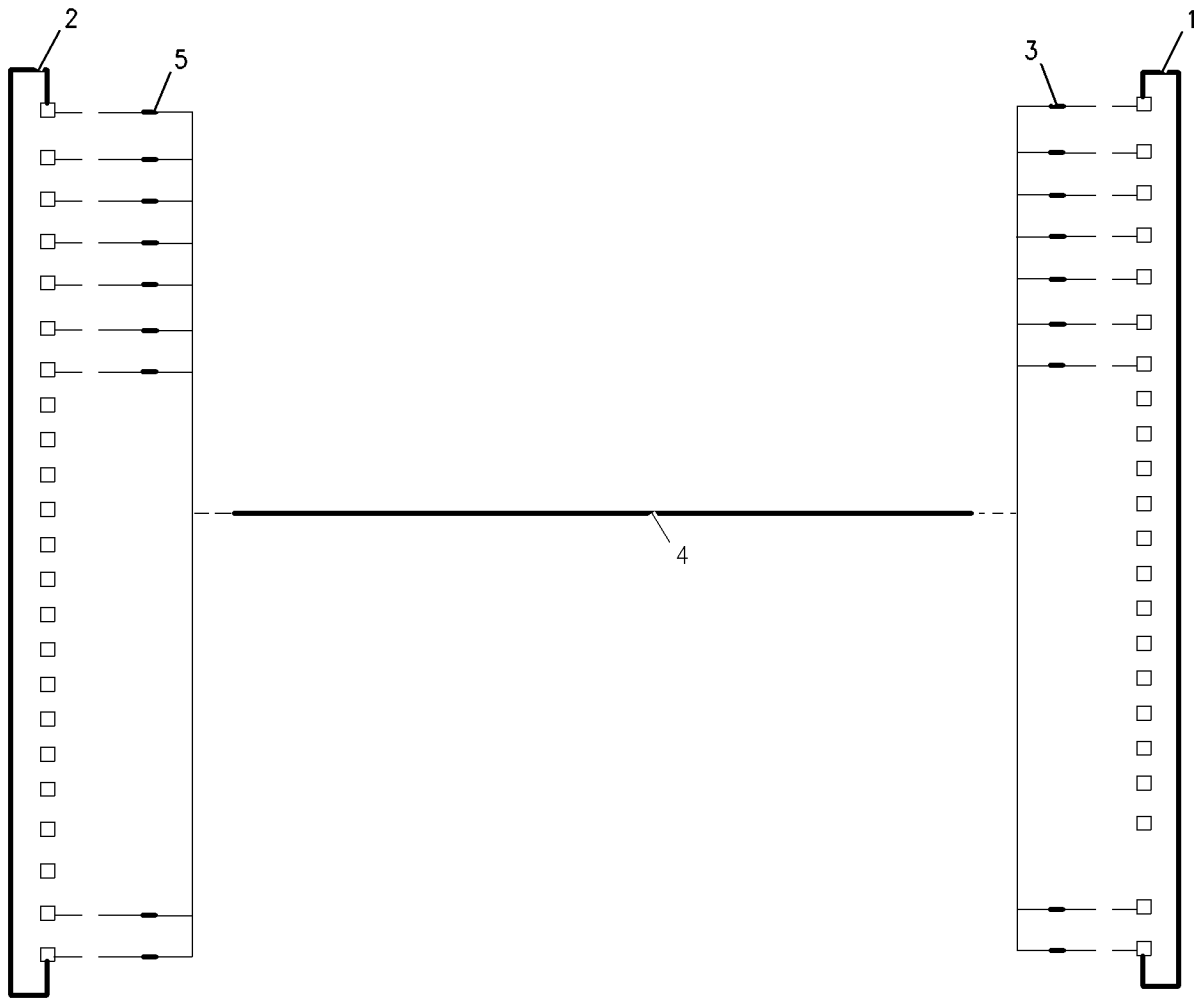
FOR USE WITH REMOTE START/STOP PANELS  
AN ATTACHMENT

SMCS-1408

i01646289

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	213-0141	1	CONNECTOR						
	2	1	212-9865	1	CONNECTOR						
	3	1	186-3736	8	SOCKET-CONNECTOR						
D	4	1	6V-5818		CONDUIT-FLEXIBLE (14M)						
	5	1	186-3735	8	PIN-CONNECTOR						

D-ORDER BY THE METER



GRAPHIC #1

<END>

g00857042



# ELECTRICAL AND STARTING SYSTEM

## 214-6727 HARNESS AS

S/N: SNX1-UP

80FT (24.39M)

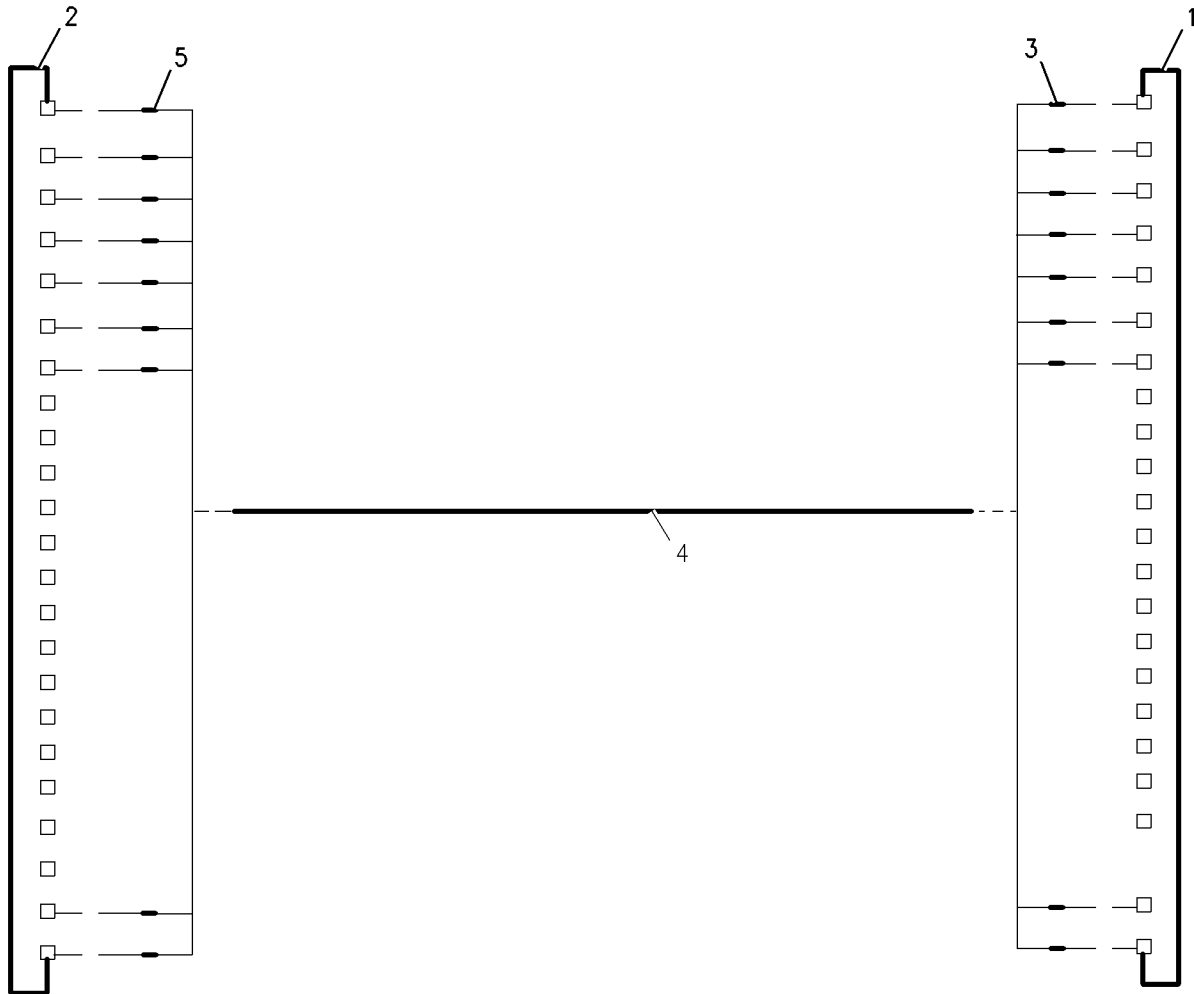
FOR USE WITH REMOTE START/STOP PANELS  
AN ATTACHMENT

SMCS-1408

i01670603

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	213-0141	1	CONNECTOR						
	2	1	212-9865	1	CONNECTOR						
	3	1	186-3736	8	SOCKET-CONNECTOR						
D	4	1	6V-5818		CONDUIT-FLEXIBLE (24M)						
	5	1	186-3735	8	PIN-CONNECTOR						

D-ORDER BY THE METER



GRAPHIC #1

<END>

g00857042



# ELECTRICAL AND STARTING SYSTEM

## 214-6728 HARNESS AS

S/N: SNX1-UP

AC METER

FOR USE WITH 214-6724-PAGE 223

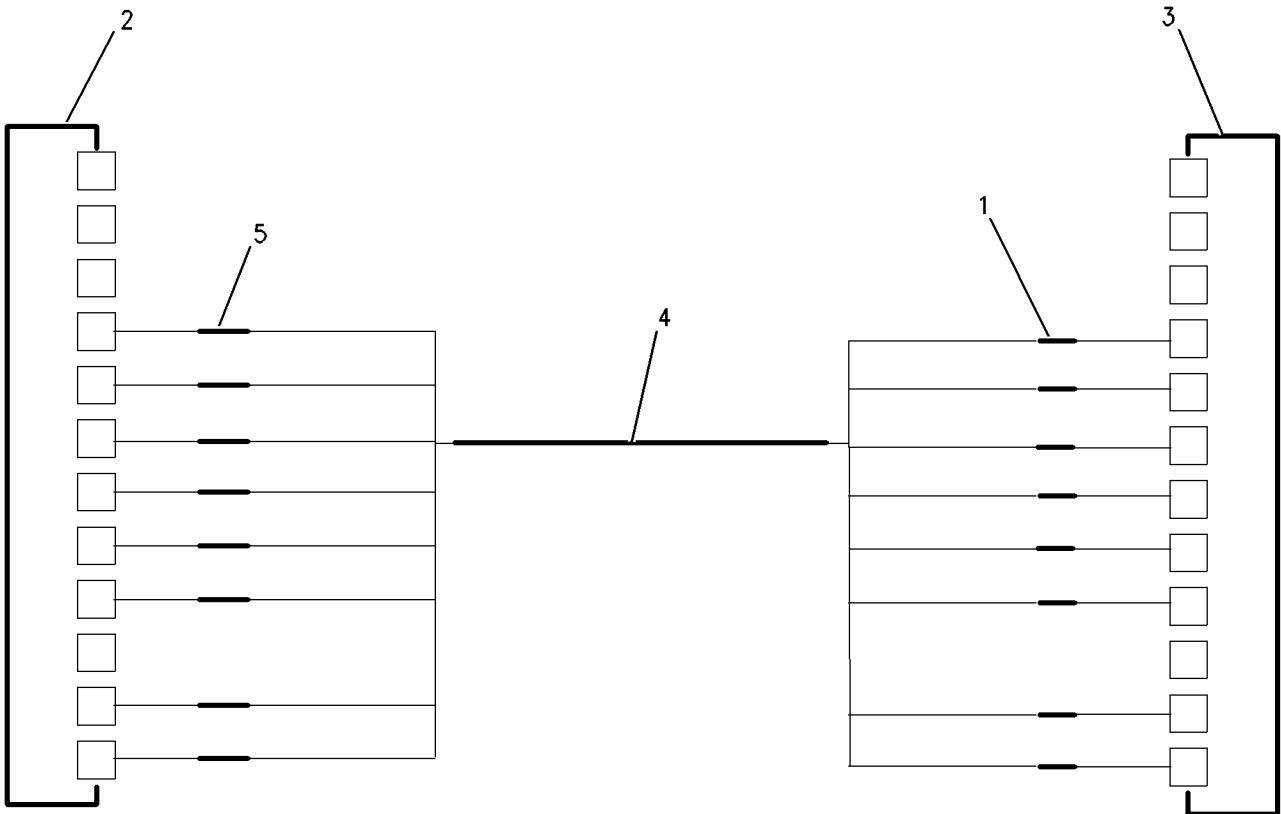
AN ATTACHMENT

SMCS-1408

i01646298

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	186-3736	8	SOCKET-CONNECTOR						
	2	1	155-2257	1	KIT-CONNECTING PLUG						
		1	155-2258	1	WEDGE-PLUG LOCK (12 PIN)						
	3	1	213-5322	9	RECEPTACLE						
		1	155-2258	1	WEDGE-PLUG LOCK (12 PIN)						
D	4	1	6V-5818		CONDUIT-FLEXIBLE (.5M)						
	5	1	186-3735	8	PIN-CONNECTOR						

D-ORDER BY THE METER



GRAPHIC #1

<END>

g00857092





# ELECTRICAL AND STARTING SYSTEM

## 214-7399 HARNESS AS

S/N: SNX1-UP

AC METER

FOR USE WITH 214-6725-PAGE 224

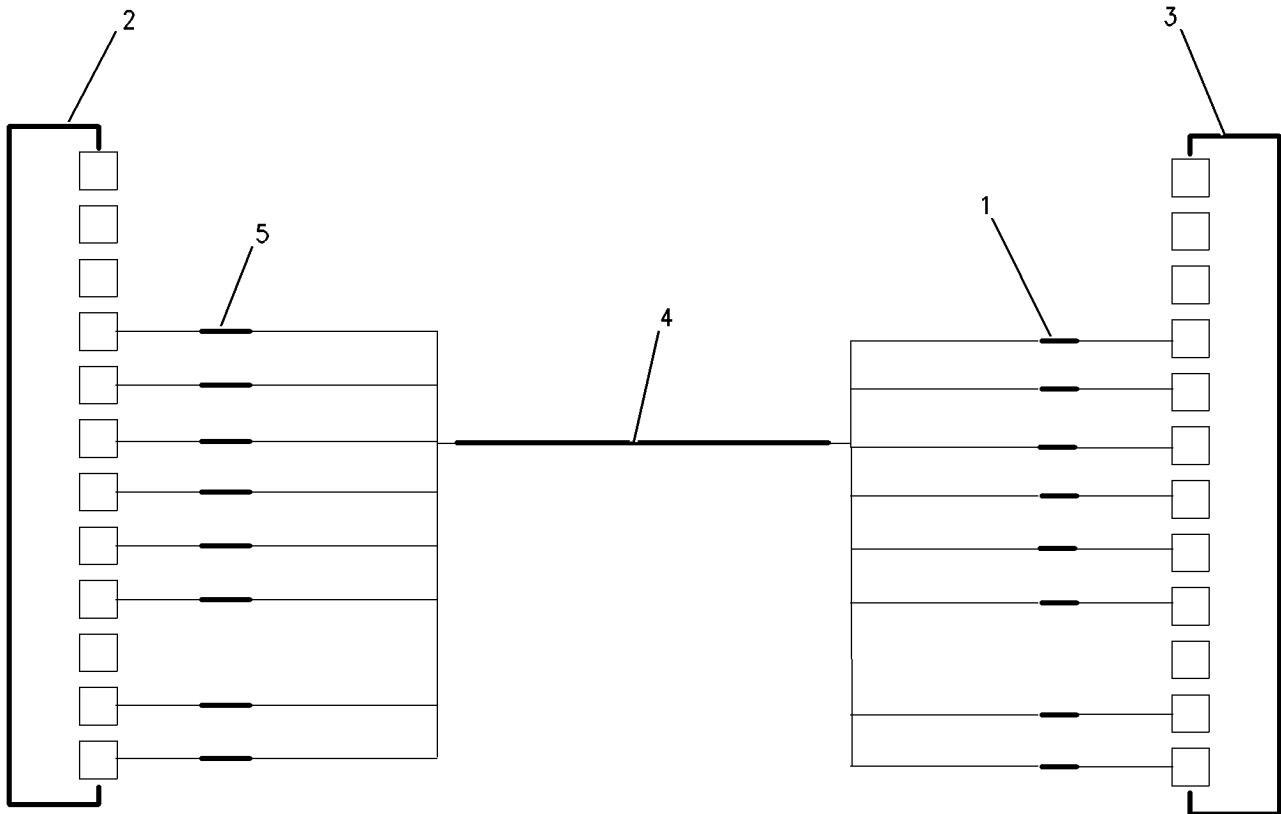
AN ATTACHMENT

SMCS-1408

i01670601

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	186-3736	8	SOCKET-CONNECTOR						
	2	1	155-2257	1	KIT-CONNECTING PLUG						
		1	155-2258	1	WEDGE-PLUG LOCK (12 PIN)						
	3	1	213-5322	9	RECEPTACLE						
		1	155-2258	1	WEDGE-PLUG LOCK (12 PIN)						
D	4	1	6V-5818		CONDUIT-FLEXIBLE (8M)						
	5	1	186-3735	8	PIN-CONNECTOR						

D-ORDER BY THE METER



GRAPHIC #1

<END>

g00857092



# ELECTRICAL AND STARTING SYSTEM

## 214-7400 HARNESS AS

S/N: SNX1-UP

AC METER

FOR USE WITH 214-6726--PAGE 225

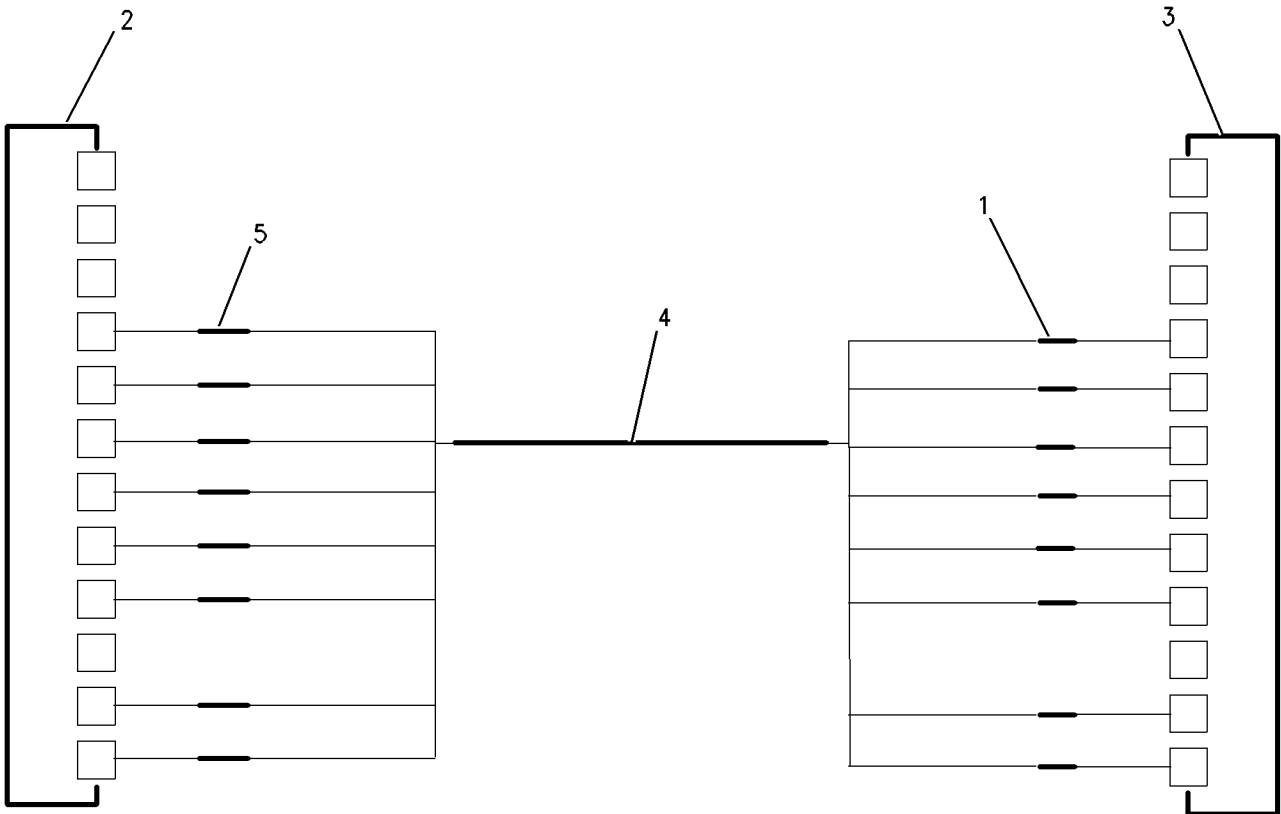
AN ATTACHMENT

SMCS-1408

i01670598

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	186-3736	8	SOCKET-CONNECTOR						
	2	1	155-2257	1	KIT-CONNECTING PLUG						
		1	155-2258	1	WEDGE-PLUG LOCK (12 PIN)						
	3	1	213-5322	9	RECEPTACLE						
		1	155-2258	1	WEDGE-PLUG LOCK (12 PIN)						
D	4	1	6V-5818		CONDUIT-FLEXIBLE (14M)						
	5	1	186-3735	8	PIN-CONNECTOR						

D-ORDER BY THE METER



GRAPHIC #1

<END>

g00857092



# ELECTRICAL AND STARTING SYSTEM

## 214-7401 HARNESS AS

S/N: SNX1-UP

AC METER

FOR USE WITH 214-6726-PAGE 225

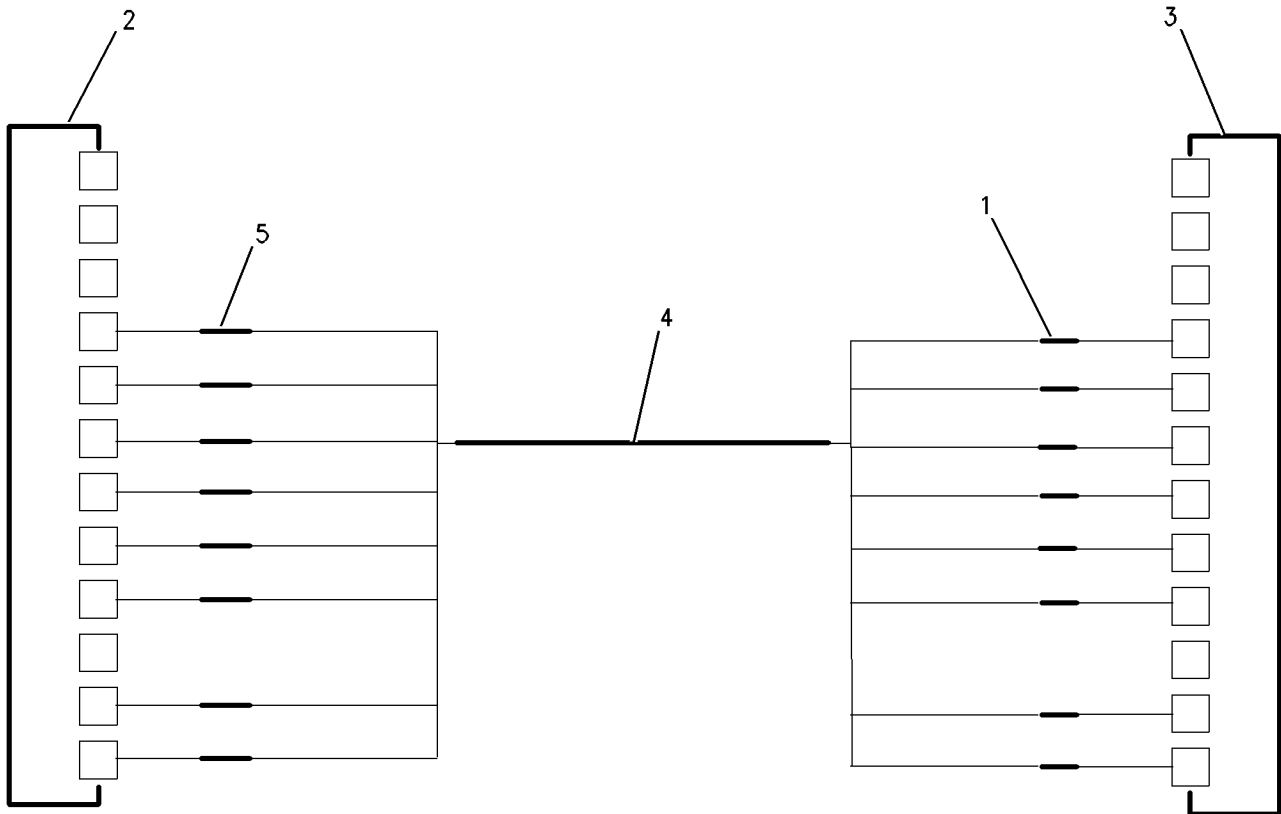
AN ATTACHMENT

SMCS-1408

i01646502

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	186-3736	8	SOCKET-CONNECTOR						
	2	1	155-2257	1	KIT-CONNECTING PLUG						
		1	155-2258	1	WEDGE-PLUG LOCK (12 PIN)						
	3	1	213-5322	9	RECEPTACLE						
		1	155-2258	1	WEDGE-PLUG LOCK (12 PIN)						
D	4	1	6V-5818		CONDUIT-FLEXIBLE (25M)						
	5	1	186-3735	8	PIN-CONNECTOR						

D-ORDER BY THE METER



GRAPHIC #1

<END>

g00857092



# ELECTRICAL AND STARTING SYSTEM

## 214-7549 HARNESS AS

S/N: SNX1-UP

DC

FOR USE WITH REMOTE PANELS

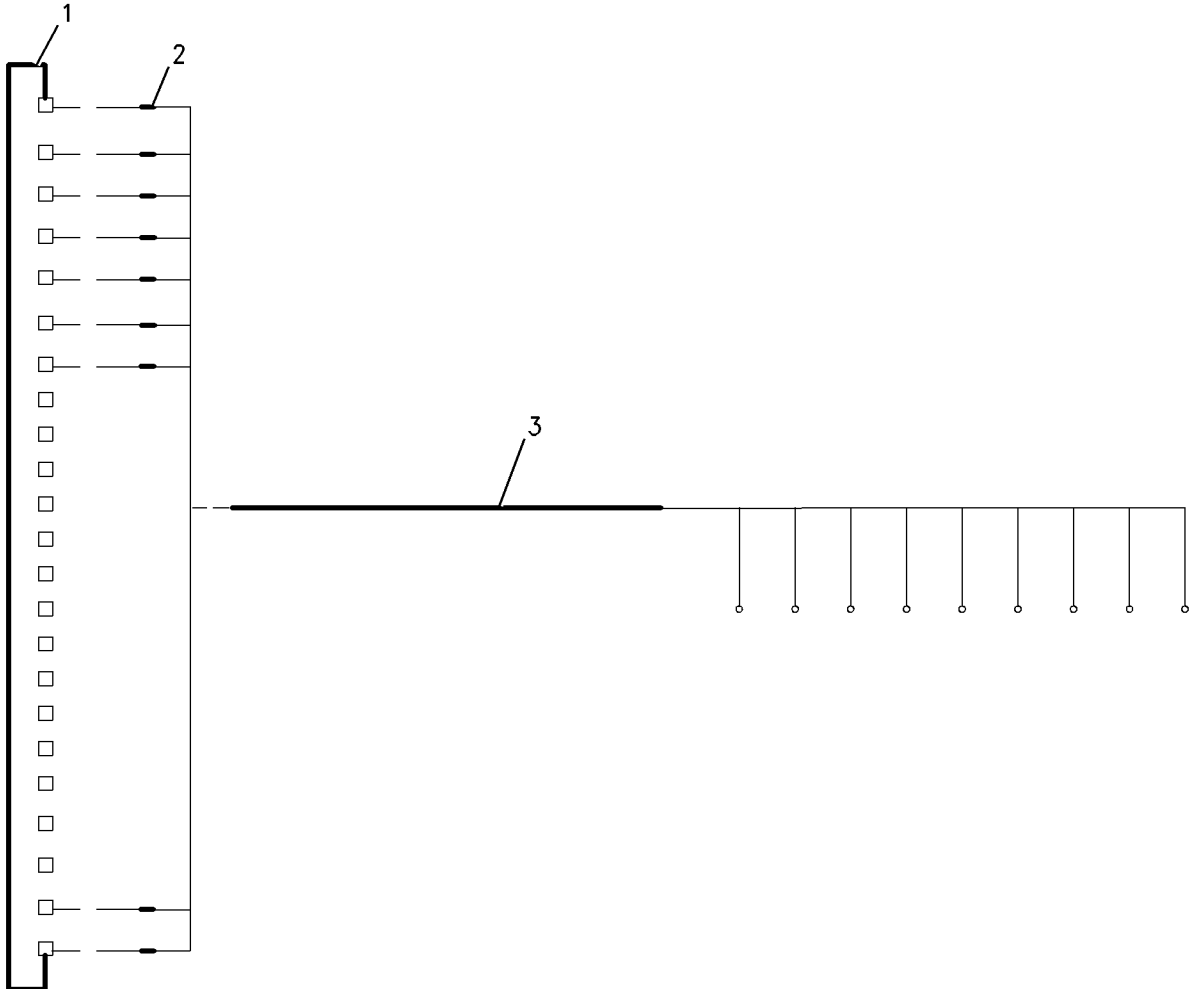
AN ATTACHMENT

SMCS-1408

i01646544

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	213-0141	1	CONNECTOR						
	2	1	186-3736	8	SOCKET-CONNECTOR						
D	3	1	6V-5818		CONDUIT-FLEXIBLE (1M)						

D-ORDER BY THE METER



GRAPHIC #1

<END>

g00857197



# ELECTRICAL AND STARTING SYSTEM

## 214-7559 HARNESS AS

S/N: SNX1-UP

AC

FOR USE WITH REMOTE PANELS

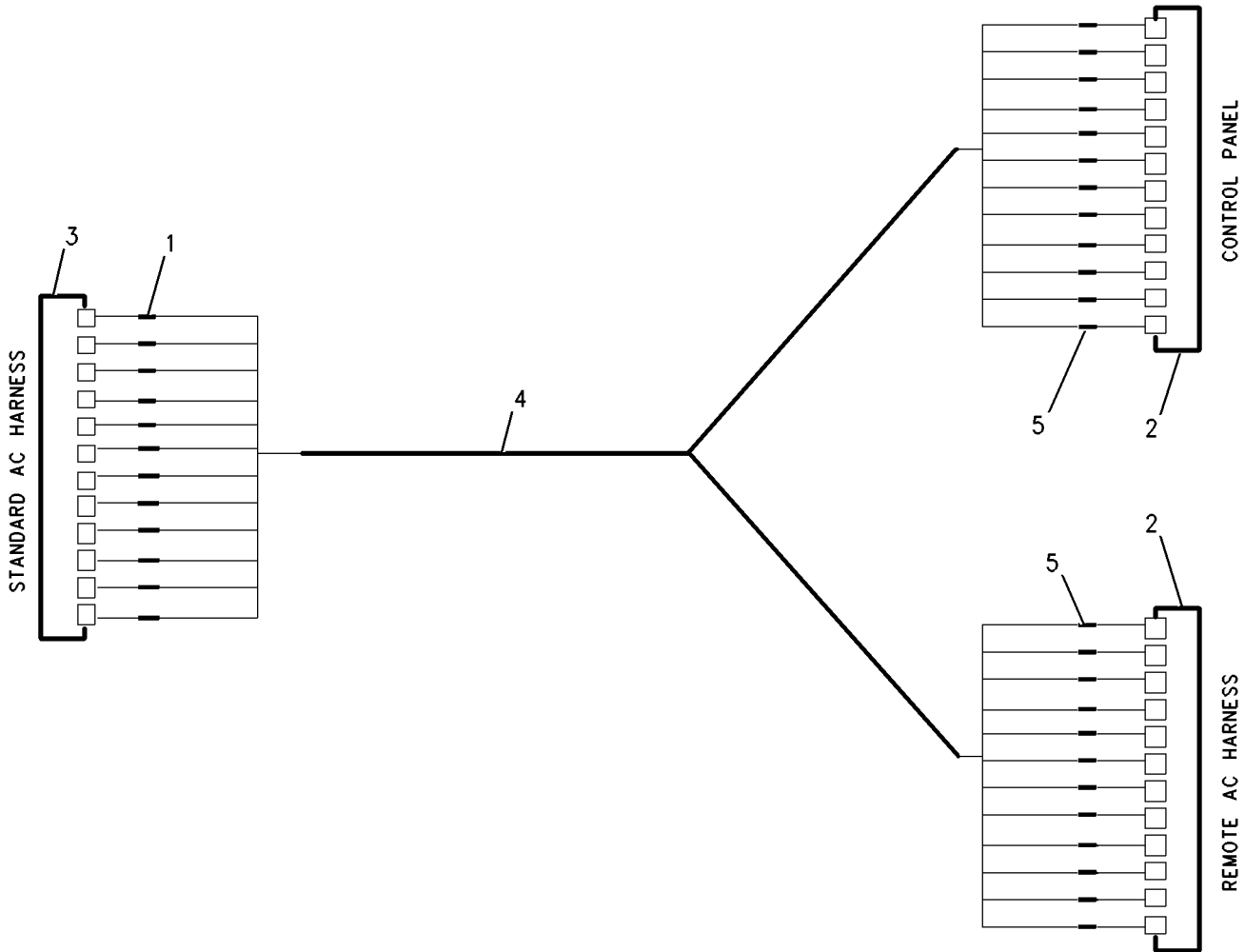
AN ATTACHMENT

SMCS-1408

i01670592

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	186-3736	16	SOCKET-CONNECTOR						
	2	1	155-2257	2	KIT-CONNECTING PLUG						
		1	155-2258	2	WEDGE-PLUG LOCK (12 PIN)						
	3	1	213-5322	1	RECEPTACLE						
		1	155-2258	1	WEDGE-PLUG LOCK (12 PIN)						
D	4	1	6V-5818		CONDUIT-FLEXIBLE (.9M)						
	5	1	186-3735	8	PIN-CONNECTOR						

D-ORDER BY THE METER



GRAPHIC #1

<END>

g00857229



# ELECTRICAL AND STARTING SYSTEM

## 214-8886 HARNESS AS

S/N: SNX1-UP

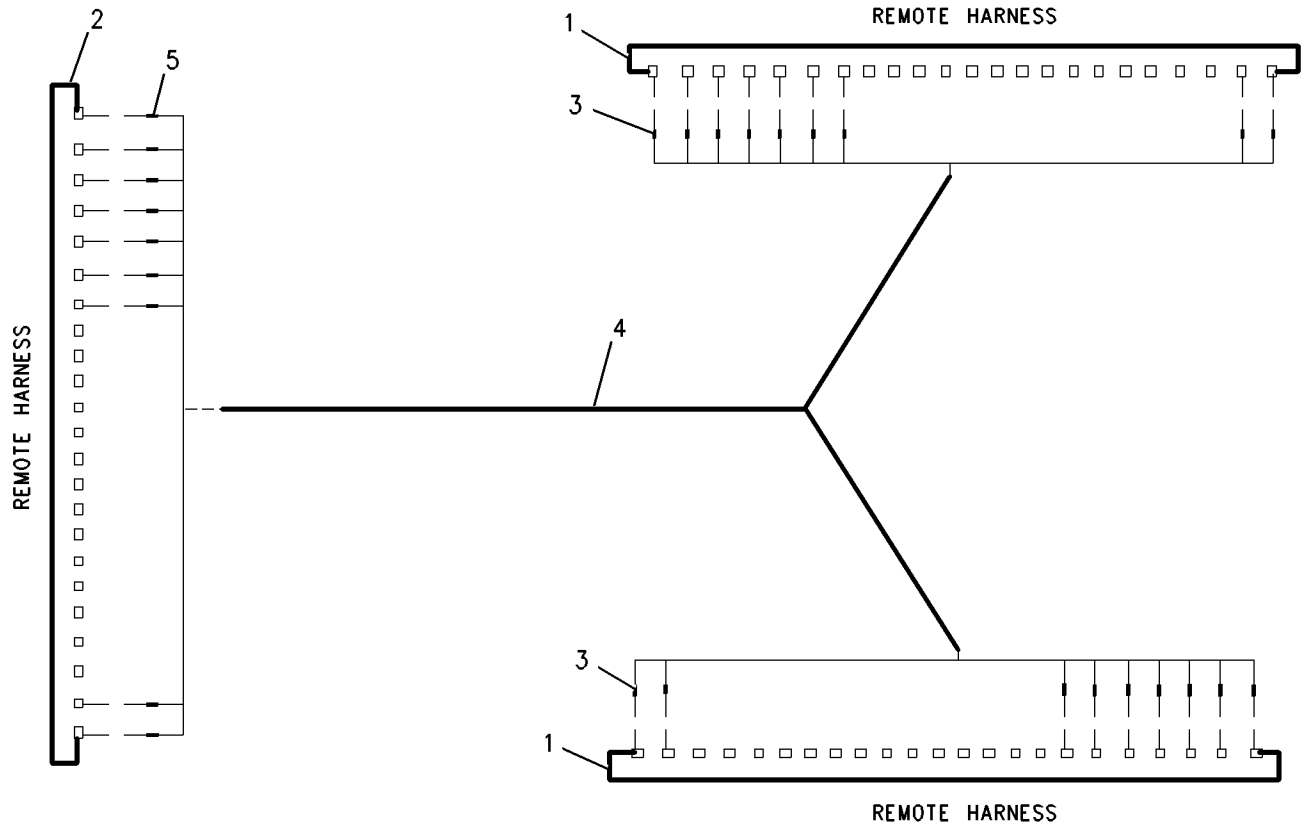
FOR USE WITH MULTIPLE REMOTE PANELS  
AN ATTACHMENT

SMCS-1408

i01670625

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	213-0141	1	CONNECTOR						
	2	1	212-9865	1	CONNECTOR						
	3	1	186-3736	8	SOCKET-CONNECTOR						
D	4	1	6V-5818		CONDUIT-FLEXIBLE (1M)						
	5	1	186-3735	8	PIN-CONNECTOR						

D-ORDER BY THE METER



GRAPHIC #1

<END>

g00857236



# ELECTRICAL AND STARTING SYSTEM

## 236-7473 HARNESS AS

S/N: SNX1-UP  
AN ATTACHMENT

SMCS-1408

i01995049

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	6V-5818	1	CONDUIT-FLEXIBLE						
	155-2255	1	KIT-CONNECTING PLUG (12-PIN)						
	155-2257	1	KIT-CONNECTING PLUG (12-PIN)						
	186-3736	8	SOCKET-CONNECTOR						
	214-3166	1	TEE (9-9-9)						
	2L-8081	4	TERMINAL						
	8I-3815	8	TERMINAL-BLADE						
	155-2258	2	WEDGE-PLUG LOCK (12 PIN)						
<b>&lt;END&gt;</b>									

## 236-7529 HARNESS AS

S/N: SNX1-UP  
AN ATTACHMENT

SMCS-1408

i01995048

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	6V-5818	1	CONDUIT-FLEXIBLE						
	213-0141	1	CONNECTOR						
	186-3735	12	PIN-CONNECTOR						
	186-3736	16	SOCKET-CONNECTOR						
	2L-8081	3	TERMINAL						
	8U-4251	9	TERMINAL (8-10 GA) (8.4MM)						
	8I-3815	18	TERMINAL-BLADE						
<b>&lt;END&gt;</b>									



# ELECTRICAL AND STARTING SYSTEM

## 238 -4632 HARNESS AS

S/N: SNX1-UP

12-VOLT

FOR USE WITH 212-6777--PAGE 207

AN ATTACHMENT

SMCS - 1408

i01995047

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	5N-8360	60	CONDUIT-FLEXIBLE						
	240-0711	32	CONDUIT-FLEXIBLE						
	213-0141	1	CONNECTOR						
	213-0142	1	CONNECTOR						
	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
	102-8804	1	KIT-RECEPTACLE (4-PIN)						
	213-0139	5	PIN						
	9W-0844	3	SOCKET-CONNECTION						
	186-3736	33	SOCKET-CONNECTOR						
	214-3133	6	TEE (19-19-19)						
	214-3164	6	TEE (19-19-9)						
	214-3165	3	TEE (19-9-9)						
	214-3166	3	TEE (9-9-9)						
	2L-8067	1	TERMINAL						
	2L-8068	1	TERMINAL						
	2L-8081	5	TERMINAL						
	8U-4234	4	TERMINAL						
	8U-4251	9	TERMINAL (8-10 GA) (8.4MM)						
	239-4985	2	TERMINAL						
	8I-3815	15	TERMINAL-BLADE						
	155-2276	1	WEDGE-PLUG LOCK (3 PIN)						
	3E-3377	1	WEDGE-RECEPTACLE LOCK (4-PIN)						

<END>





# ELECTRICAL AND STARTING SYSTEM

## 238-5172 HARNESS AS

S/N: SNX1-UP

24-VOLT

FOR USE WITH 213-3068-PAGE 210  
AN ATTACHMENT

SMCS-1408

i01995045

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	5N-8360	60	CONDUIT-FLEXIBLE						
	240-0711	32	CONDUIT-FLEXIBLE						
	213-0141	1	CONNECTOR						
	213-0142	1	CONNECTOR						
	213-0139	5	PIN						
	186-3736	27	SOCKET-CONNECTOR						
	214-3133	7	TEE (19-19-19)						
	214-3164	4	TEE (19-19-9)						
	214-3165	3	TEE (19-9-9)						
	214-3166	4	TEE (9-9-9)						
	2L-8067	3	TERMINAL						
	2L-8068	1	TERMINAL						
	2L-8081	5	TERMINAL						
	8U-4234	4	TERMINAL						
	8U-4251	9	TERMINAL (8-10 GA) (8.4MM)						
	239-4985	2	TERMINAL						
	2L-8077	1	TERMINAL (RING)						
	8I-3815	16	TERMINAL-BLADE						
	7H-1176	1	TERMINAL-SOLDER						

<END>



# ELECTRICAL AND STARTING SYSTEM

## 240-8970 HARNESS AS

S/N: SNX1-UP  
AN ATTACHMENT

SMCS-1408

i01990356

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	186-3736	31	SOCKET-CONNECTOR						
F			213-0139	5	PIN						
D	3	1	6V-5818		CONDUIT-FLEXIBLE (5M)						
	4	1	214-3164	5	TEE (19-19-9)						
	5	1	214-3165	2	TEE (19-9-9)						
	6	1	214-3133	4	TEE (19-19-19)						
	7	1	214-3166	2	TEE (9-9-9)						
	8	1	2L-8075	4	TERMINAL (14-16 GA) (4.17MM)						
F			2L-8078	1	TERMINAL (14-16 GA) (7.94MM)						
	10	1	2L-8081	2	TERMINAL (14-16 GA) (12.7MM)						
	11	1	2L-8067	4	TERMINAL (10-12 GA) (6.35MM)						
	12	1	2L-8068	3	TERMINAL (10-12 GA) (7.94MM)						
	13	1	2L-8069	2	TERMINAL (10-12 GA) (9.52MM)						
	14	1	8U-4251	1	TERMINAL (8-10 GA) (8.4MM)						
	15	1	8I-3815	16	TERMINAL-BLADE						
	16	1	213-0141	1	CONNECTOR						
	17	1	213-0142	1	CONNECTOR						
	18	1	155-2271	1	KIT-CONNECTING PLUG (4-PIN)						
		1	155-2262	1	WEDGE-PLUG LOCK (4 PIN)						
	20	1	155-2260	1	KIT-CONNECTING PLUG (3-PIN)						
					(INCLUDES PLUG AS AND WEDGE)						

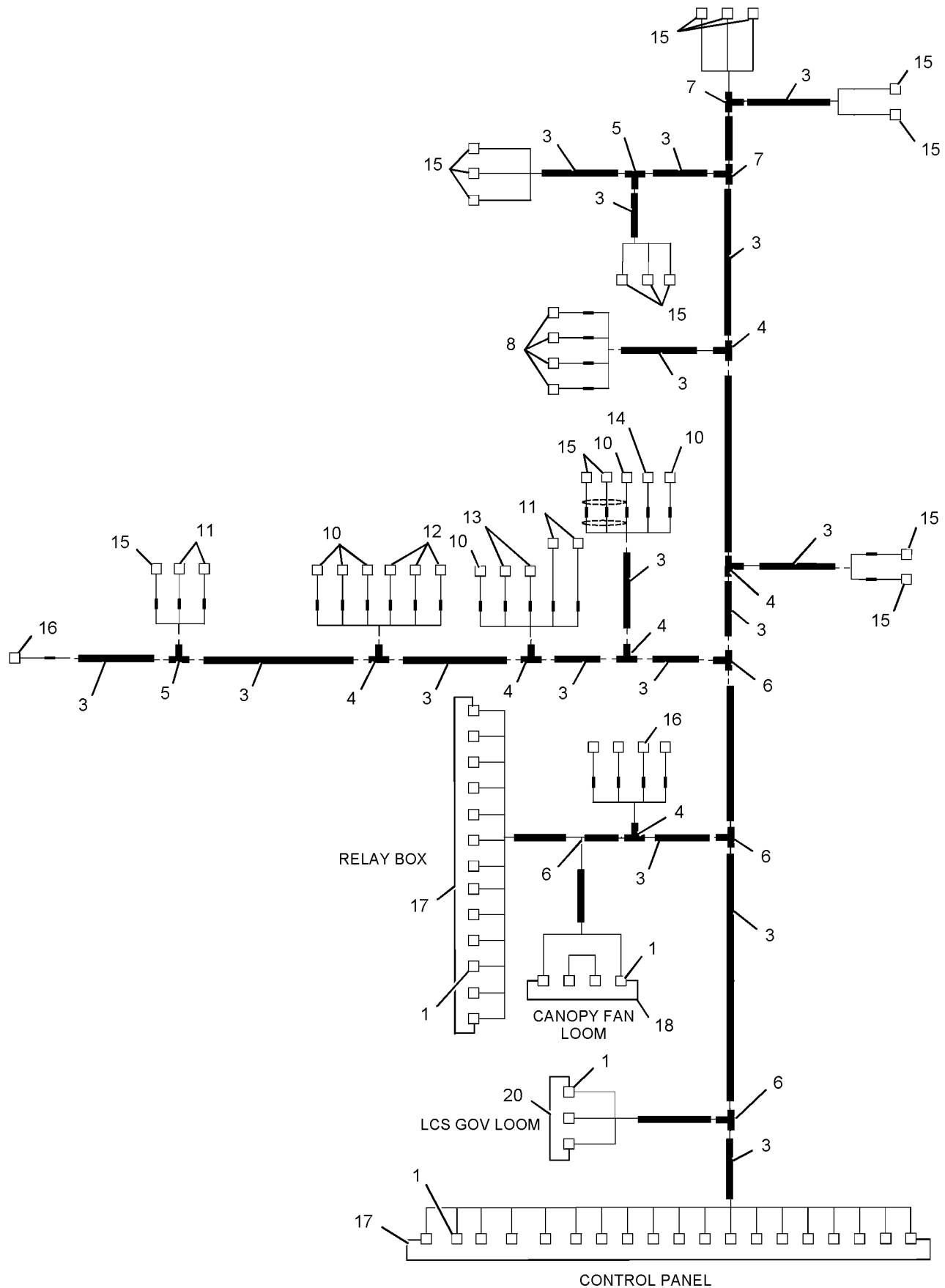
D- ORDER BY THE METER  
F- NOT SHOWN



# ELECTRICAL AND STARTING SYSTEM

240 - 8970 HARNESS AS (contd.)

i01990356



GRAPHIC #1

<END>

CONTROL PANEL

g01031319



# ELECTRICAL AND STARTING SYSTEM

## 240-8971 HARNESS AS

S/N: SNX1-UP

AN ATTACHMENT

SMCS-1408

i01990360

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	<b>186-3736</b>	31	SOCKET-CONNECTOR						
F			<b>213-0139</b>	5	PIN						
D	3	1	<b>6V-5818</b>		CONDUIT-FLEXIBLE (5M)						
	4	1	<b>214-3164</b>	5	TEE (19-19-9)						
	5	1	<b>214-3165</b>	2	TEE (19-9-9)						
	6	1	<b>214-3133</b>	4	TEE (19-19-19)						
	7	1	<b>214-3166</b>	2	TEE (9-9-9)						
	8	1	<b>2L-8075</b>	4	TERMINAL (14-16 GA) (4.17MM)						
F			<b>2L-8078</b>	1	TERMINAL (14-16 GA) (7.94MM)						
	10	1	<b>2L-8081</b>	2	TERMINAL (14-16 GA) (12.7MM)						
	11	1	<b>2L-8067</b>	4	TERMINAL (10-12 GA) (6.35MM)						
	12	1	<b>2L-8068</b>	3	TERMINAL (10-12 GA) (7.94MM)						
	13	1	<b>2L-8069</b>	2	TERMINAL (10-12 GA) (9.52MM)						
	14	1	<b>8U-4251</b>	1	TERMINAL (8-10 GA) (8.4MM)						
	15	1	<b>8I-3815</b>	16	TERMINAL-BLADE						
	16	1	<b>213-0141</b>	1	CONNECTOR						
	17	1	<b>213-0142</b>	1	CONNECTOR						
	18	1	<b>155-2271</b>	1	KIT-CONNECTING PLUG (4-PIN)						
		1	<b>155-2262</b>	1	WEDGE-PLUG LOCK (4 PIN)						
	20	1	<b>155-2260</b>	1	KIT-CONNECTING PLUG (3-PIN)						
					(INCLUDES PLUG AS AND WEDGE)						

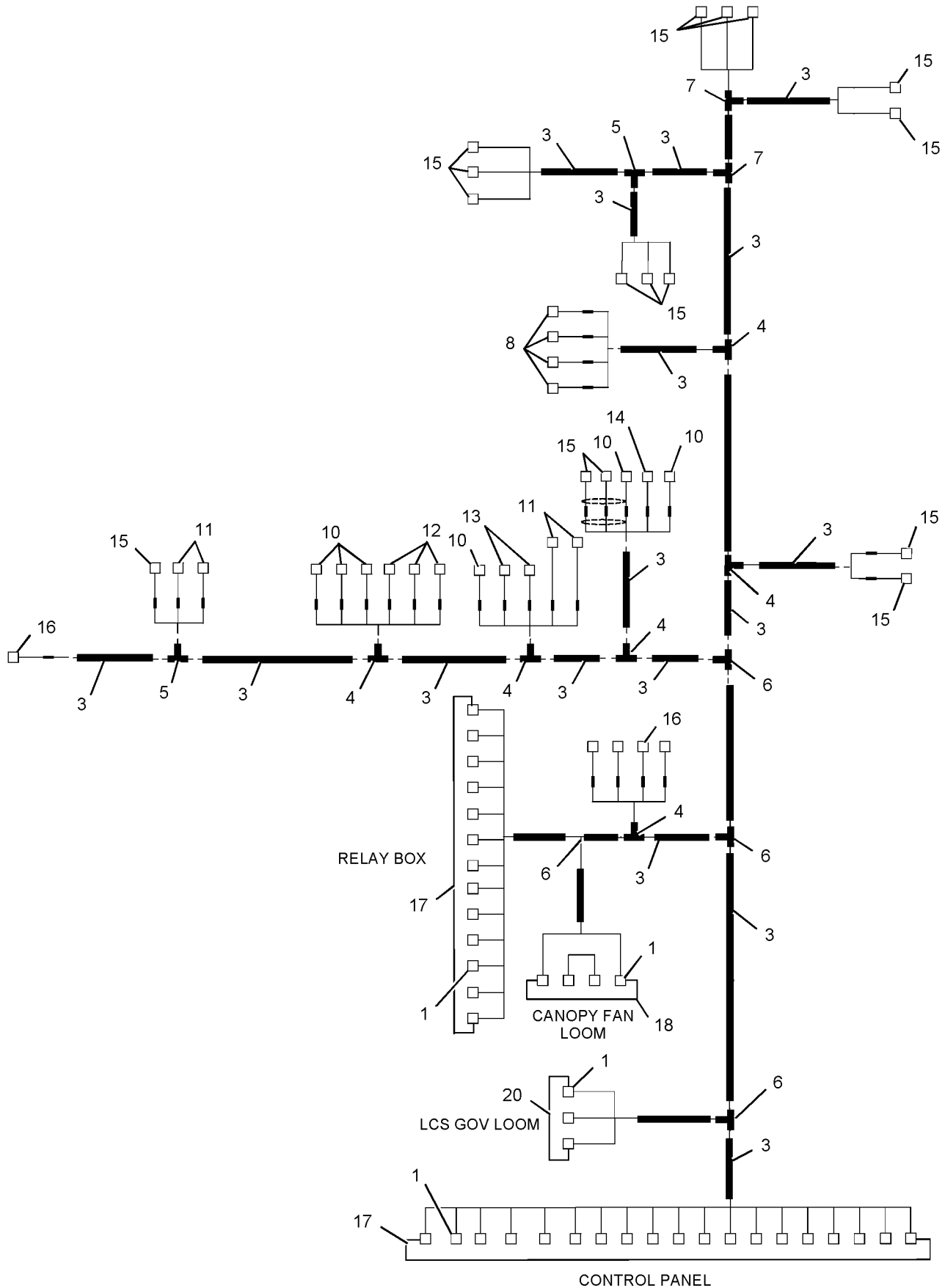
D- ORDER BY THE METER  
F- NOT SHOWN



# ELECTRICAL AND STARTING SYSTEM

240 - 8971 HARNESS AS (contd.)

i01990360



GRAPHIC #1

<END>

CONTROL PANEL

g01031319



# ELECTRICAL AND STARTING SYSTEM

## 241-6588 HARNESS AS

S/N: SNX1-UP

12-VOLT

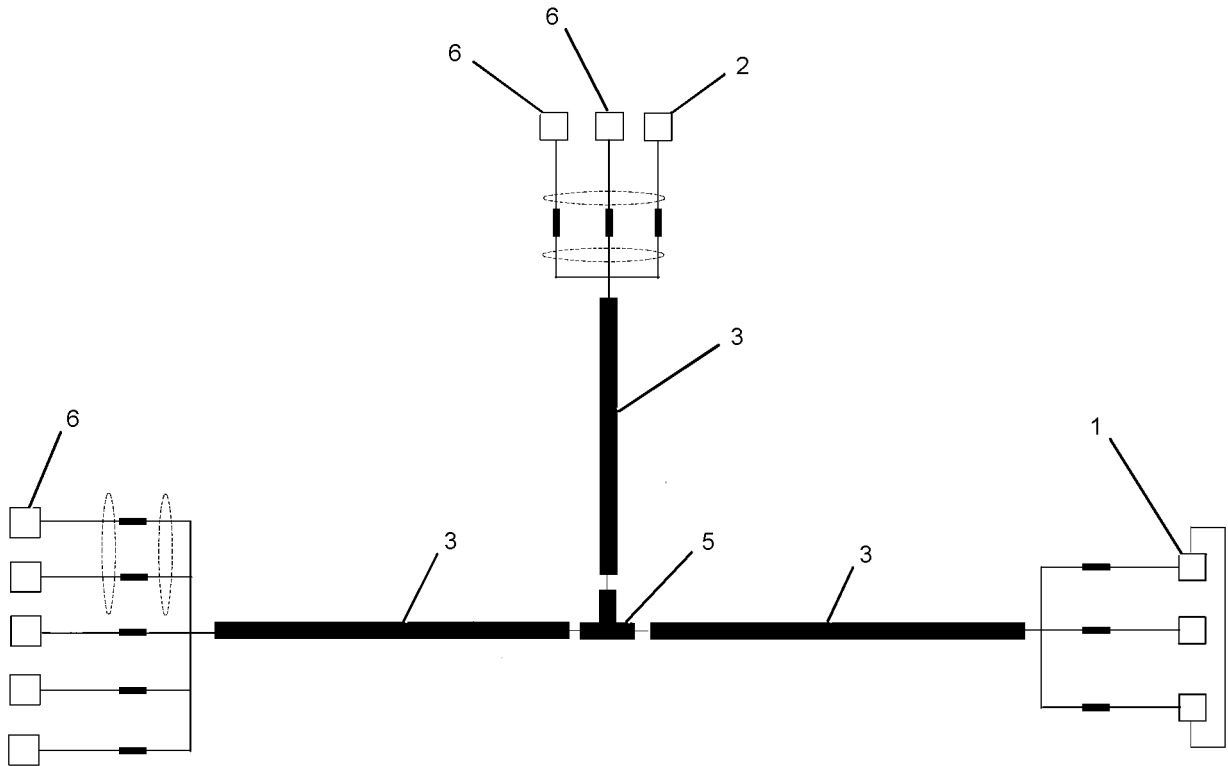
AN ATTACHMENT

SMCS-1408

i01990368

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	186-3736	3	SOCKET-CONNECTOR						
	2	1	2L-8081	1	TERMINAL (14-16 GA) (12.7MM)						
D	3	1	6V-5818		CONDUIT-FLEXIBLE (4M)						
	4	1	102-8803	1	KIT-RECEPTACLE (3-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)						
	5	1	214-3165	1	TEE (19-9-9)						
	6	1	8I-3815	7	TERMINAL-BLADE						

D-ORDER BY THE METER



GRAPHIC #1

<END>

g01031085



# ELECTRICAL AND STARTING SYSTEM

## 241-6589 HARNESS AS

S/N: SNX1-UP

24-VOLT

FOR USE WITH 242-9340-PAGE 252

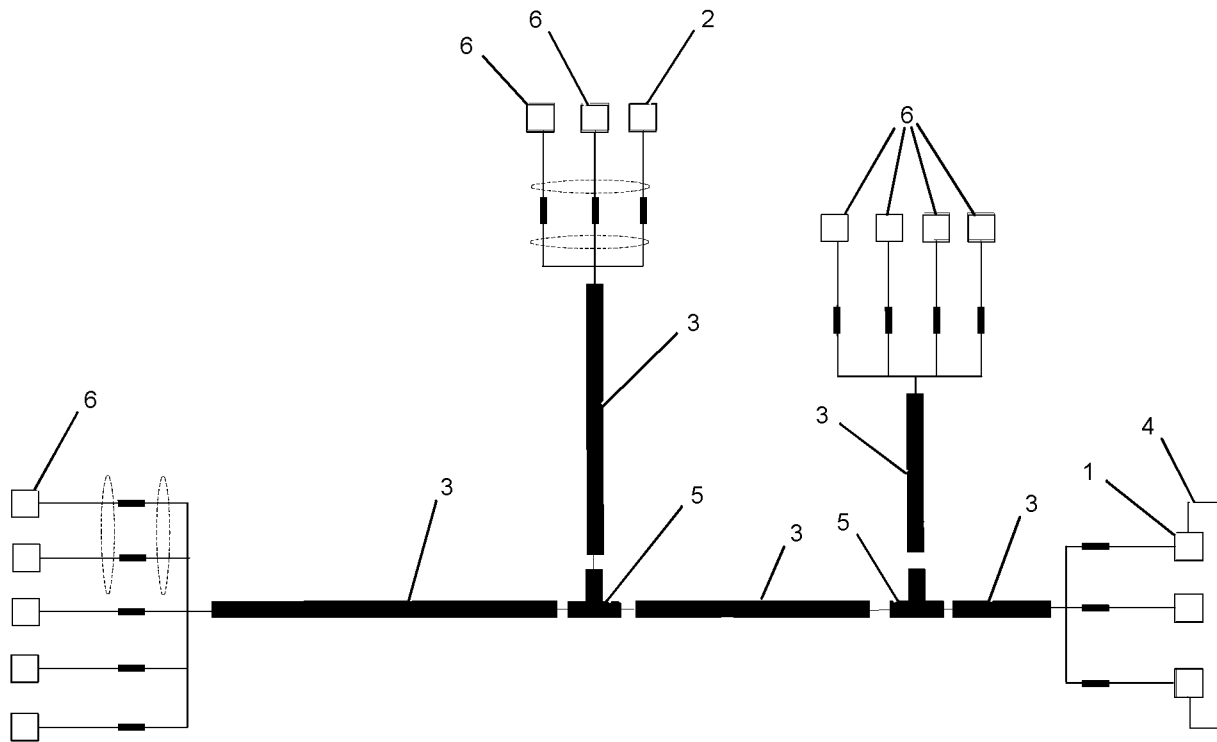
AN ATTACHMENT

SMCS-1408

i01990367

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	186-3736	3	SOCKET-CONNECTOR						
	2	1	2L-8081	1	TERMINAL						
D	3	1	6V-5818		CONDUIT-FLEXIBLE (4M)						
	4	1	102-8803	1	KIT-RECEPTACLE (3-PIN) (INCLUDES RECEPTACLE AS AND WEDGE)						
	5	1	214-3165	2	TEE (19-9-9)						
	6	1	8I-3815	11	TERMINAL-BLADE						

D-ORDER BY THE METER



GRAPHIC #1

<END>

g01031124



# ELECTRICAL AND STARTING SYSTEM

## 239-2191 HARNESS AS-SOLENOID

S/N: SNX1-UP

AN ATTACHMENT

SMCS-1408

i01971768

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	237-9721	1	BRACKET						
	2	1	238-1770	1	RESISTOR (ELECTROMAGNETIC CLUTCH DROPPIN)						
M	3	1	099-2374	2	BOLT-SOCKET HEAD (M5X0.8X12MM)						
	4	1	6I-0631	2	BOLT (M6X1.0X12MM)						
	5	1	199-1187	2	NUT (M5)						
	6	1	238-1771	1	BLOCK-TERMINAL						
	7	1	196-7691	2	SCREW (M3X16MM)						
	8	1	196-0327	2	LOCKNUT						
	9	1	199-1191	2	WASHER (M3 FLAT)						
	10	1	237-9726	2	WIRE AS						
	11	1	237-9109	2	CLIP						
	12	1	193-5189	2	SCREW (M5X.08X12MM)						
	13	1	193-5169	2	LOCKWASHER						
M	15	1	3C-6970	2	NUT (M5)						
	16	1	196-7728	2	WASHER (5.1X11X1.3MM THK)						

M-METRIC PART

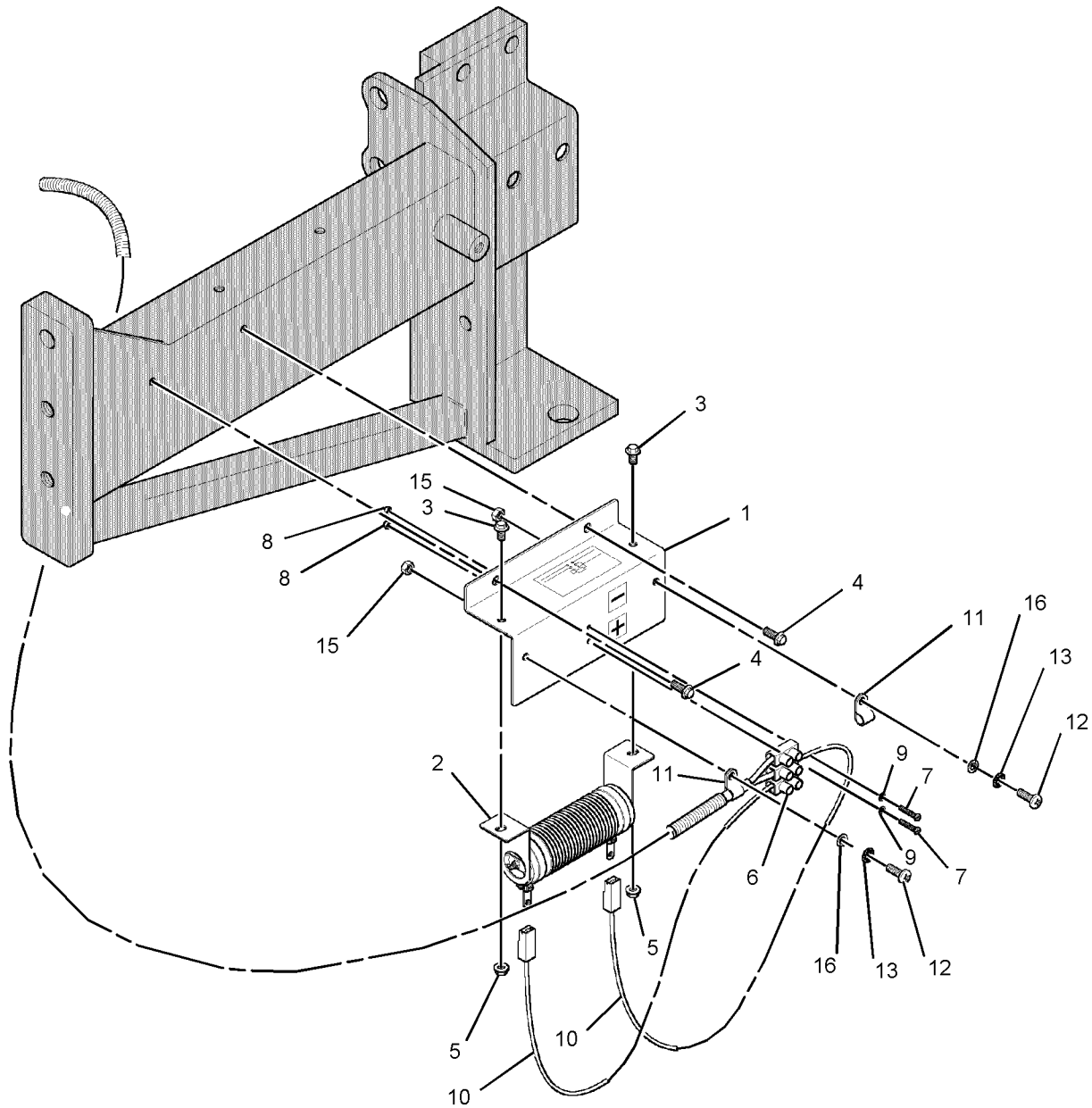




# ELECTRICAL AND STARTING SYSTEM

239 - 2191 HARNESS AS - SOLENOID (contd.)

i01971768



GRAPHIC #1

<END>

g01028419



# ELECTRICAL AND STARTING SYSTEM

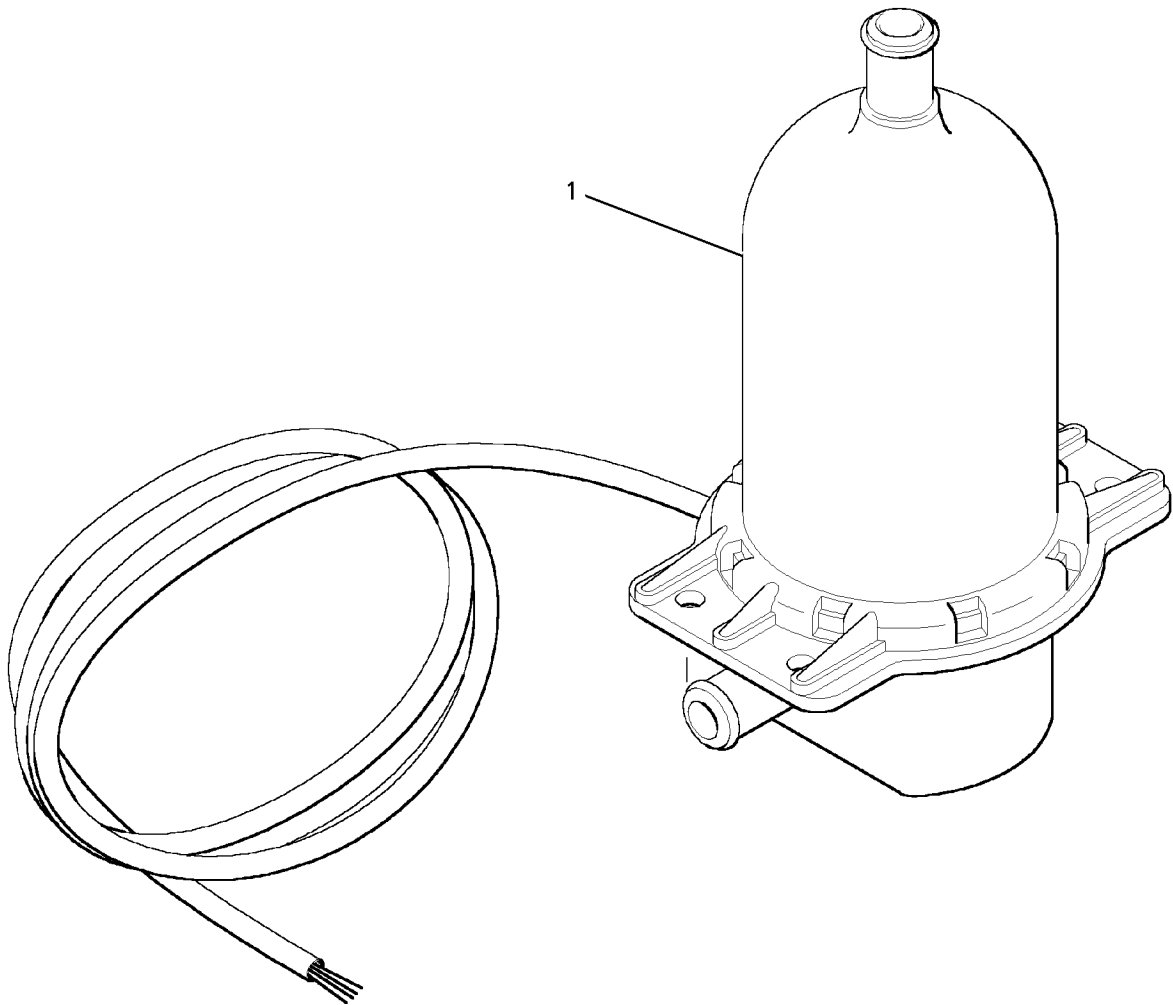
## 213-6970 HEATER GP-JACKET WATER

S/N: SNX1-UP  
240 VOLT. FRESH WATER  
AN ATTACHMENT

SMCS-1383

i01642312

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	213-8193	1	HEATER AS (WATER)						



GRAPHIC #1

<END>

g00856218



# ELECTRICAL AND STARTING SYSTEM

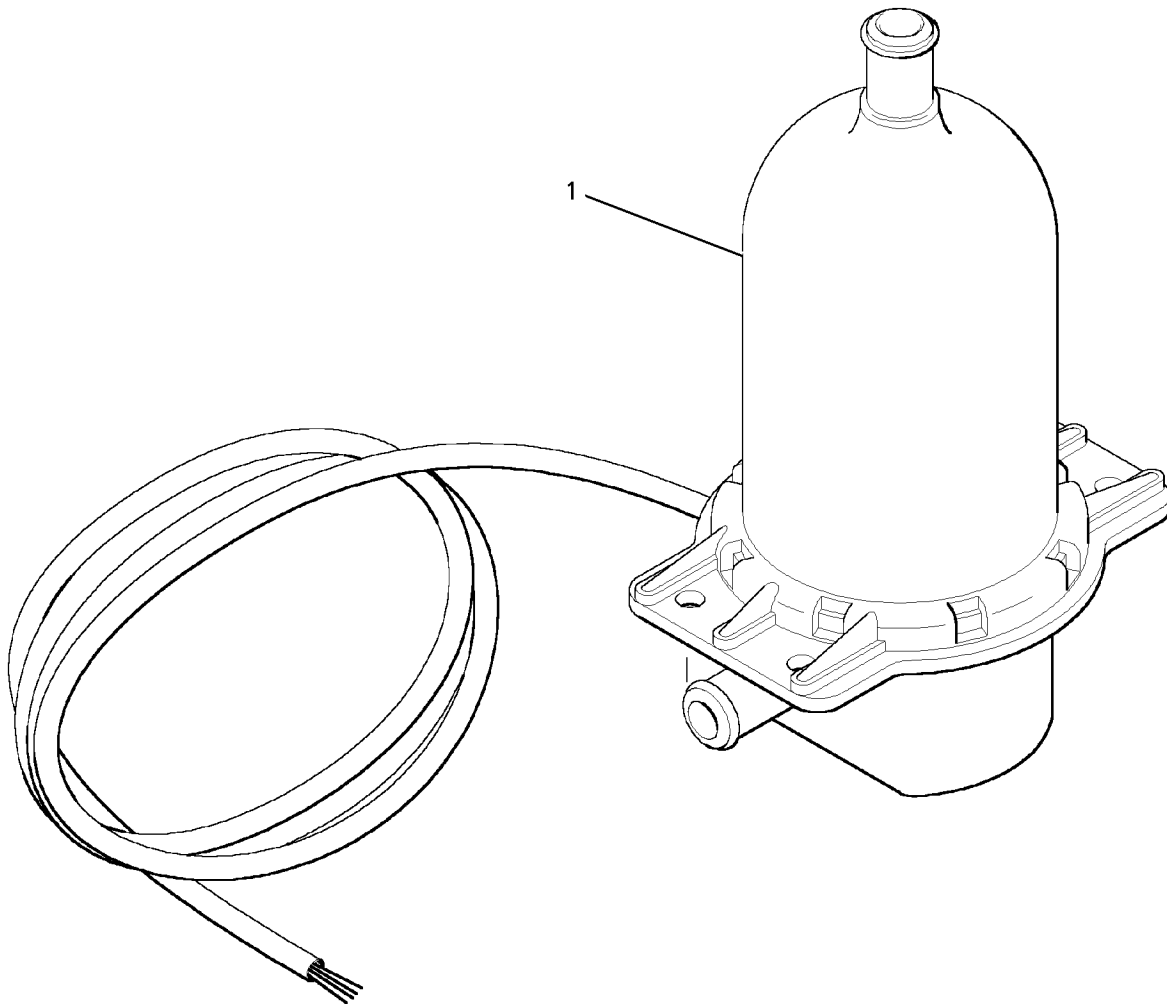
## 213-6971 HEATER GP-JACKET WATER

S/N: SNX1-UP  
120 VOLT. FRESH WATER  
AN ATTACHMENT

SMCS-1383

i01669704

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	213-8194	1	HEATER AS (WATER)						



GRAPHIC #1

<END>

g00856218



# ELECTRICAL AND STARTING SYSTEM

## 214-7571 HEATER GP-JACKET WATER

S/N: SNX1-UP

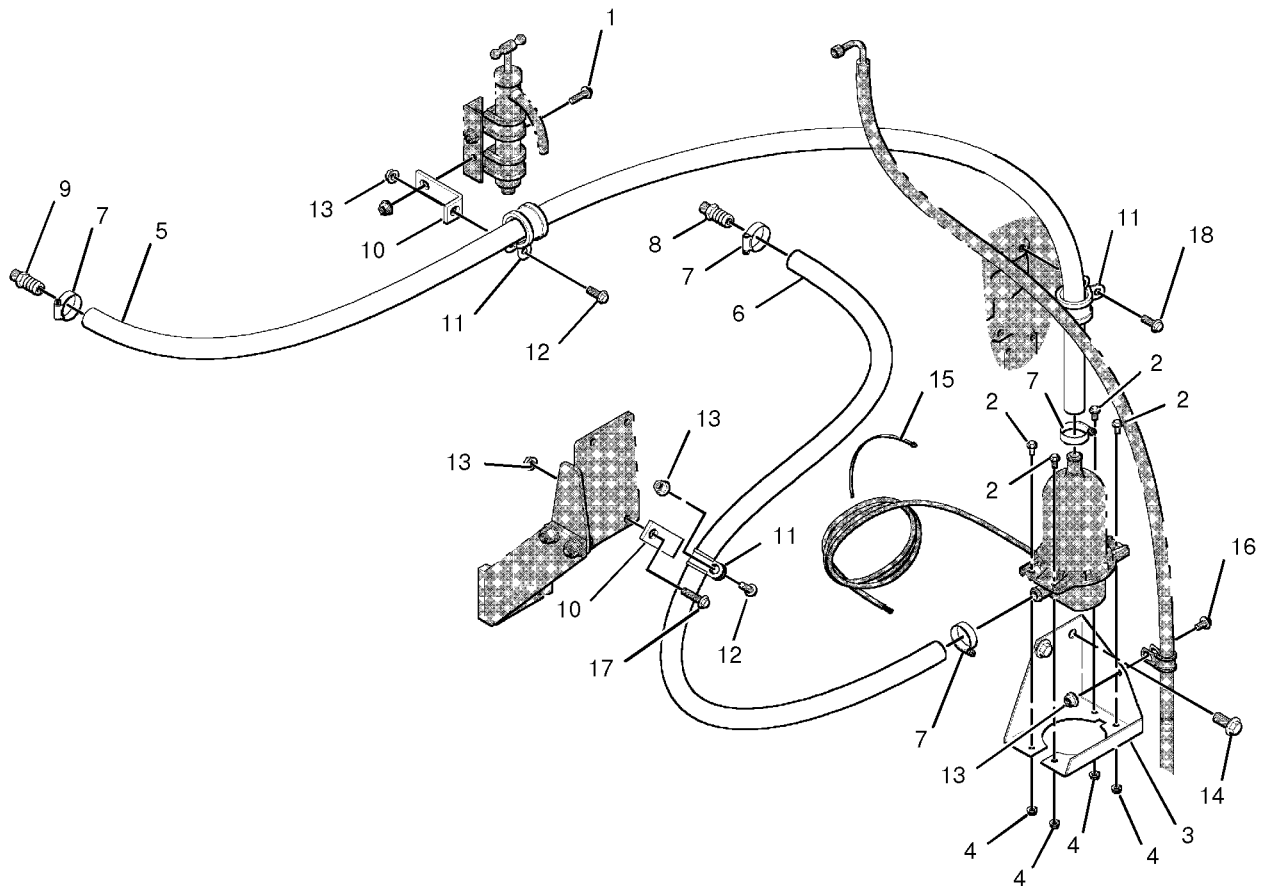
FOR USE WITH KEEL COOLED ENGINE, 2 STARTERS  
AN ATTACHMENT

SMCS-1383

i01984732

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-0260	1	BOLT (M8X1.25X25MM)						
	2	1	6I-0631	4	BOLT (M6X1.0X12MM)						
	3	1	214-7269	1	BRACKET						
	4	1	6I-0918	4	NUT (M6)						
	5	1	214-7564	1	HOSE						
	6	1	214-7272	1	HOSE						
	7	1	5D-1026	4	CLAMP - HOSE						
	8	1	214-0697	1	ADAPTER						
	9	1	214-4131	1	ADAPTER						
	10	1	210-6749	2	BRACKET						
	11	1	214-0699	3	CLIP						
	12	1	6I-0217	2	BOLT (M8X1.25X20MM)						
	13	1	6I-0291	4	NUT (M8X1.25)						
	14	1	102-9941	2	BOLT (M12X1.75X25MM)						
	15	1	195-4615	1	STRAP						
	16	1	100-4458	1	BOLT (M8X1.25X14MM)						
M	17	1	101-3895	1	BOLT (M8X1.25X35MM)						
	18	1	210-6964	1	BOLT - FLANGE HEAD (M12X16MM)						

M-METRIC PART



GRAPHIC #1

<END>

g01028522



# ELECTRICAL AND STARTING SYSTEM

## 214-7860 HEATER GP-JACKET WATER

S/N: SNX1-UP  
FOR USE WITH HEAT EXCHANGER  
AN ATTACHMENT

SMCS-1383

i01984667

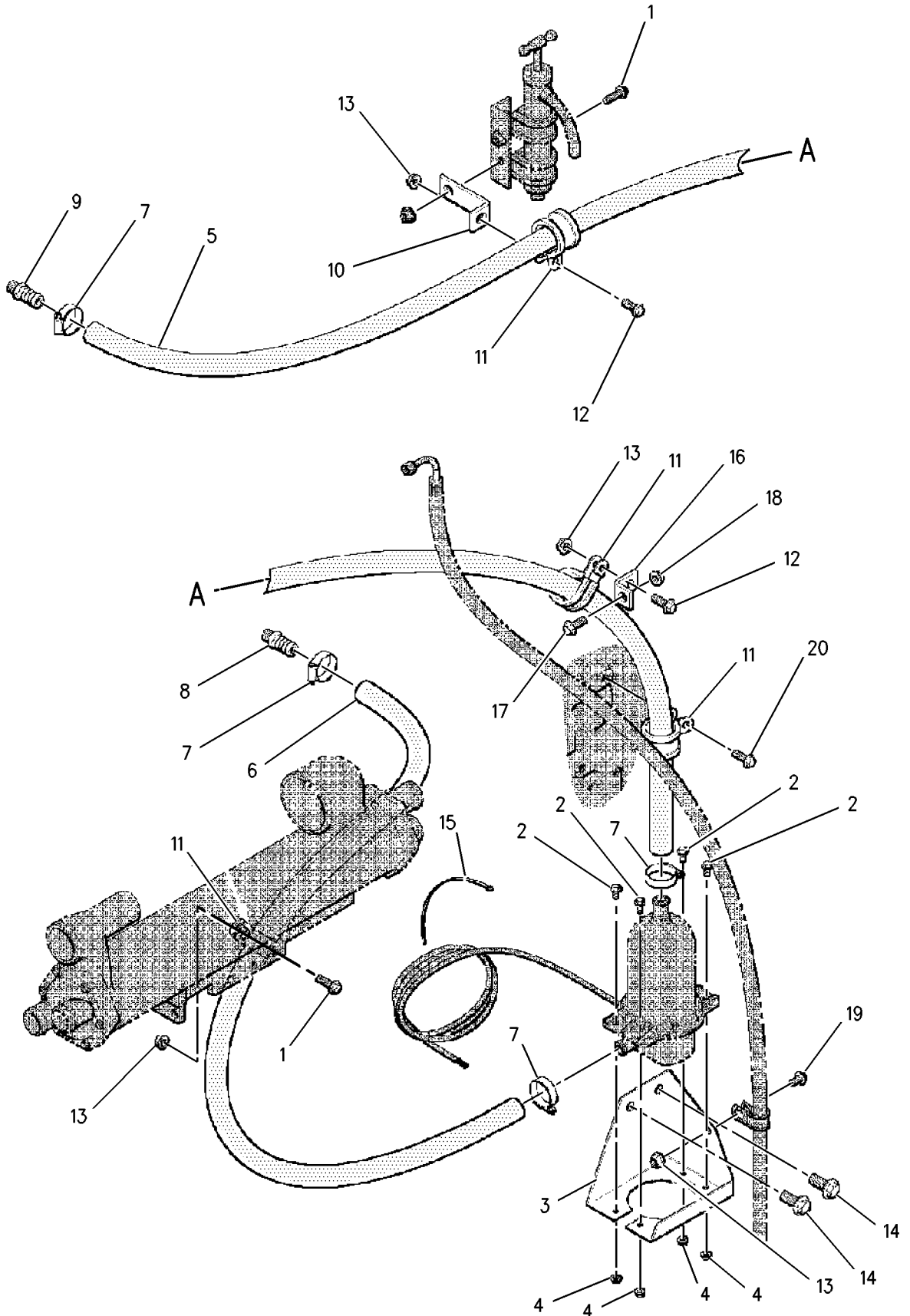
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	6I-0260	2	BOLT (M8X1.25X25MM)						
	2	1	6I-0631	4	BOLT (M6X1.0X12MM)						
	3	1	214-7269	1	BRACKET						
	4	1	6I-0918	4	NUT (M6)						
	5	1	214-7564	1	HOSE						
	6	1	214-7272	1	HOSE						
	7	1	5D-1026	4	CLAMP-HOSE						
	8	1	214-0697	1	ADAPTER						
	9	1	214-4131	1	ADAPTER						
	10	1	210-6749	1	BRACKET						
	11	1	214-0699	4	CLIP						
	12	1	6I-0217	2	BOLT (M8X1.25X20MM)						
	13	1	6I-0291	4	NUT (M8X1.25)						
	14	1	102-9941	2	BOLT (M12X1.75X25MM)						
	15	1	195-4615	1	STRAP						
	16	1	214-4139	1	BRACKET						
	17	1	6I-0593	1	BOLT (M10X1.5X30MM)						
	18	1	6I-0594	1	NUT (M10X1.5)						
	19	1	100-4458	1	BOLT (M8X1.25X14MM)						
	20	1	210-6964	1	BOLT-FLANGE HEAD (M12X16MM)						



# ELECTRICAL AND STARTING SYSTEM

214-7860 HEATER GP - JACKET WATER (contd.)

i01984667



GRAPHIC #1

<END>

g00856883



# ELECTRICAL AND STARTING SYSTEM

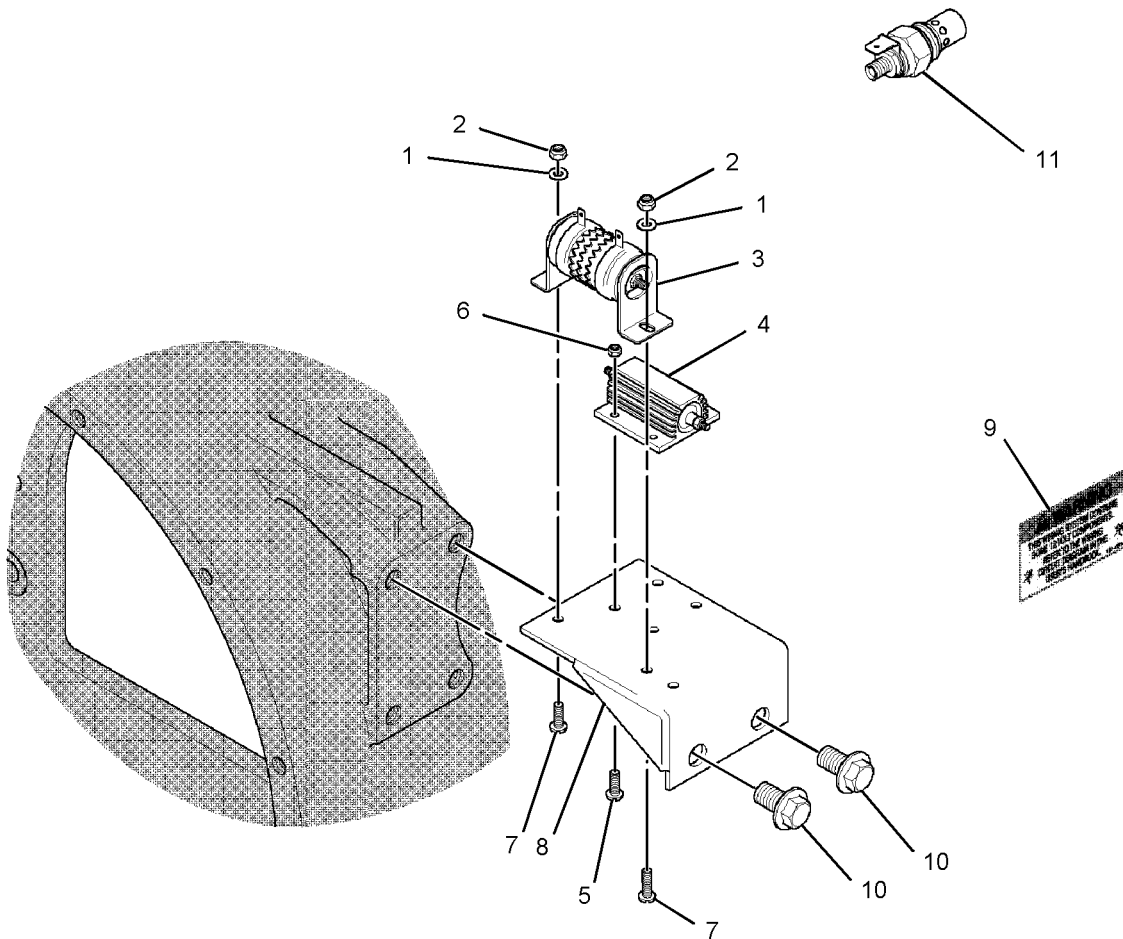
## 230-9709 HEATER GP-STARTING AID

S/N: SNX1-UP  
AN ATTACHMENT

SMCS-1090

i01998038

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	196-7728	2	WASHER (5.1X11X1.3MM THK)						
	2	1	196-7708	2	LOCKNUT						
	3	1	7W-1251	1	RESISTOR (AIR HEATER)						
	4	1	230-9708	1	RESISTOR (STOP SOLENOID)						
	5	1	214-9193	4	SCREW (M4X16MM)						
	6	1	196-0328	4	LOCKNUT						
	7	1	193-5189	2	SCREW (M5X.08X12MM)						
	8	1	214-9345	1	BRACKET						
	9	1	197-0616	1	FILM-WARNING (12 VOLT COMPONENTS)						
	10	1	210-6964	2	BOLT-FLANGE HEAD (M12X16MM)						
	11	1	035-8059	1	HEATER (AIR)						



GRAPHIC #1

<END>

g01027247



# ELECTRICAL AND STARTING SYSTEM

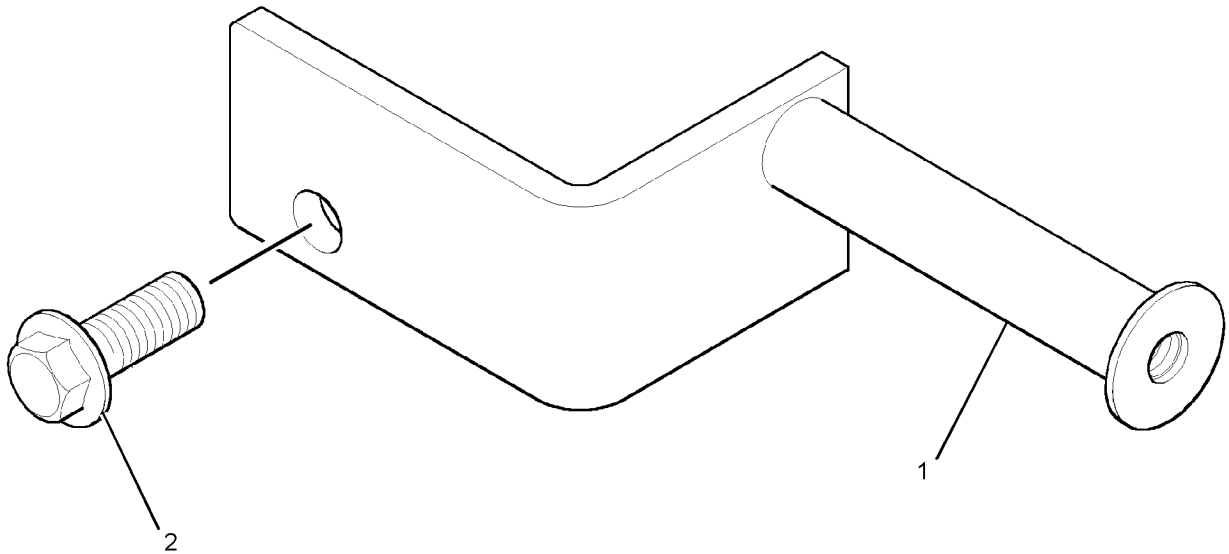
## 220-5612 MOUNTING GP-BELT COVER

S/N: GSN1-UP  
LOWER MOUNTING  
ALSO AN ATTACHMENT

SMCS-1000

i01984734

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	210-6646	1	BRACKET AS						
	2	1	6I-4200	1	BOLT (M10X1.5X16MM)						



GRAPHIC #1

<END>

g01031258





# ELECTRICAL AND STARTING SYSTEM

## 242-9340 MOUNTING GP-CONVERTER

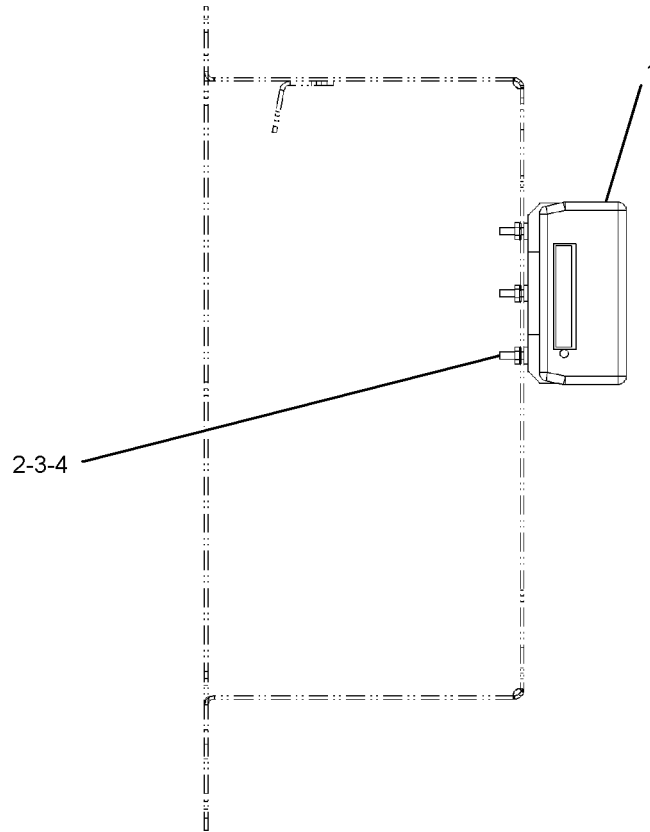
S/N: SNX1-UP  
AN ATTACHMENT

SMCS-1400

i01991041

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	242-9339	1	CONVERTER						
M	2	1	170-5632	3	BOLT (M4X0.7X16MM)						
	3	1	8C-9660	6	WASHER (4.6X7.9X0.8MM THK)						
M	4	1	8T-7961	3	LOCKNUT						

M-METRIC PART



GRAPHIC #1

<END>

g01031792



# ELECTRICAL AND STARTING SYSTEM

## 213-3067 MOUNTING GP - JUNCTION BOX

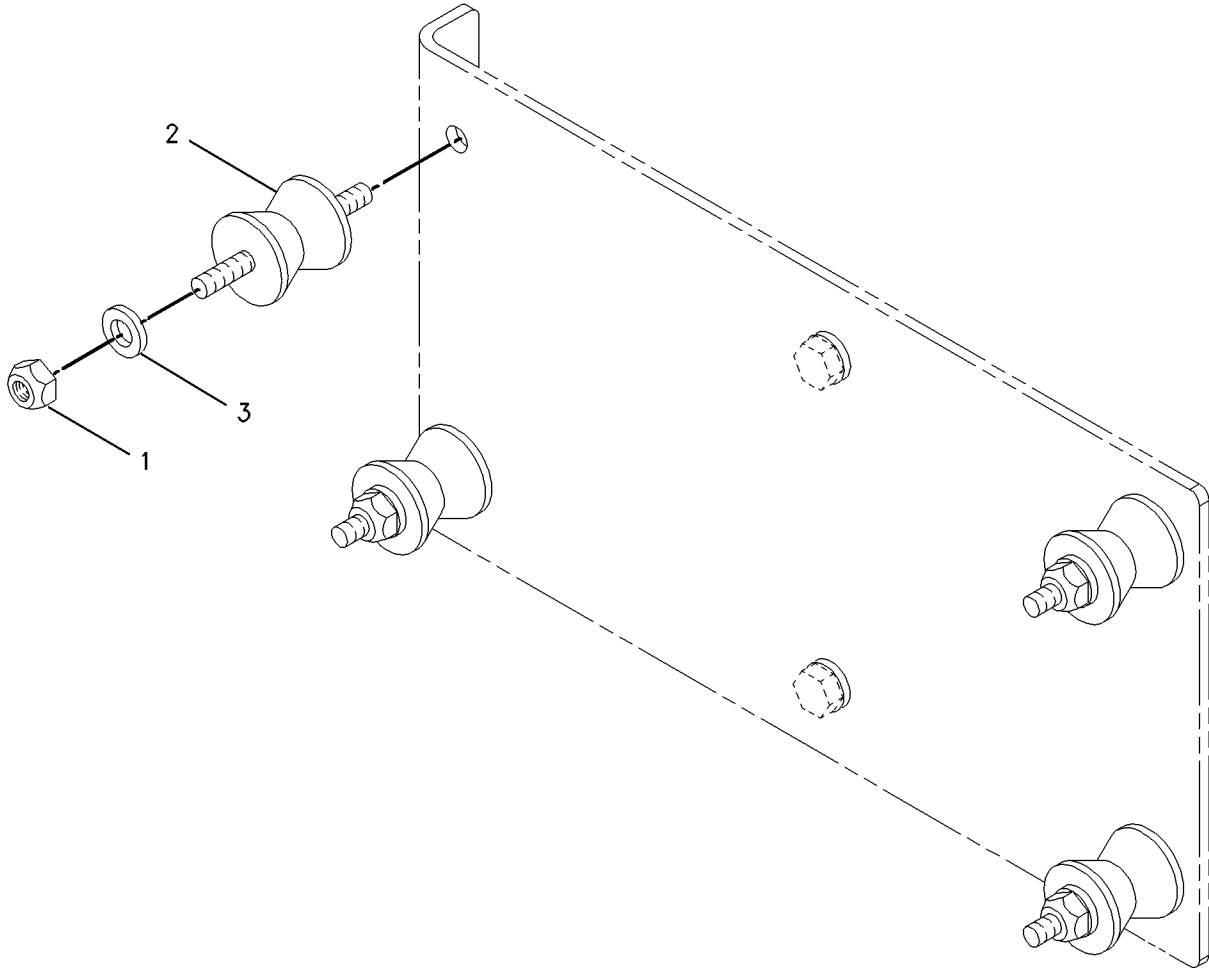
S/N: SNX1-UP  
AN ATTACHMENT

SMCS-7426

i01642209

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	6V-7743	4	LOCKNUT (M6X1 THD)						
	2	1	212-9330	4	MOUNT AS						
	3	1	9X-8256	4	WASHER (6.6X12X2MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g00854851



# ELECTRICAL AND STARTING SYSTEM

## 213-3874 MOUNTING GP - JUNCTION BOX

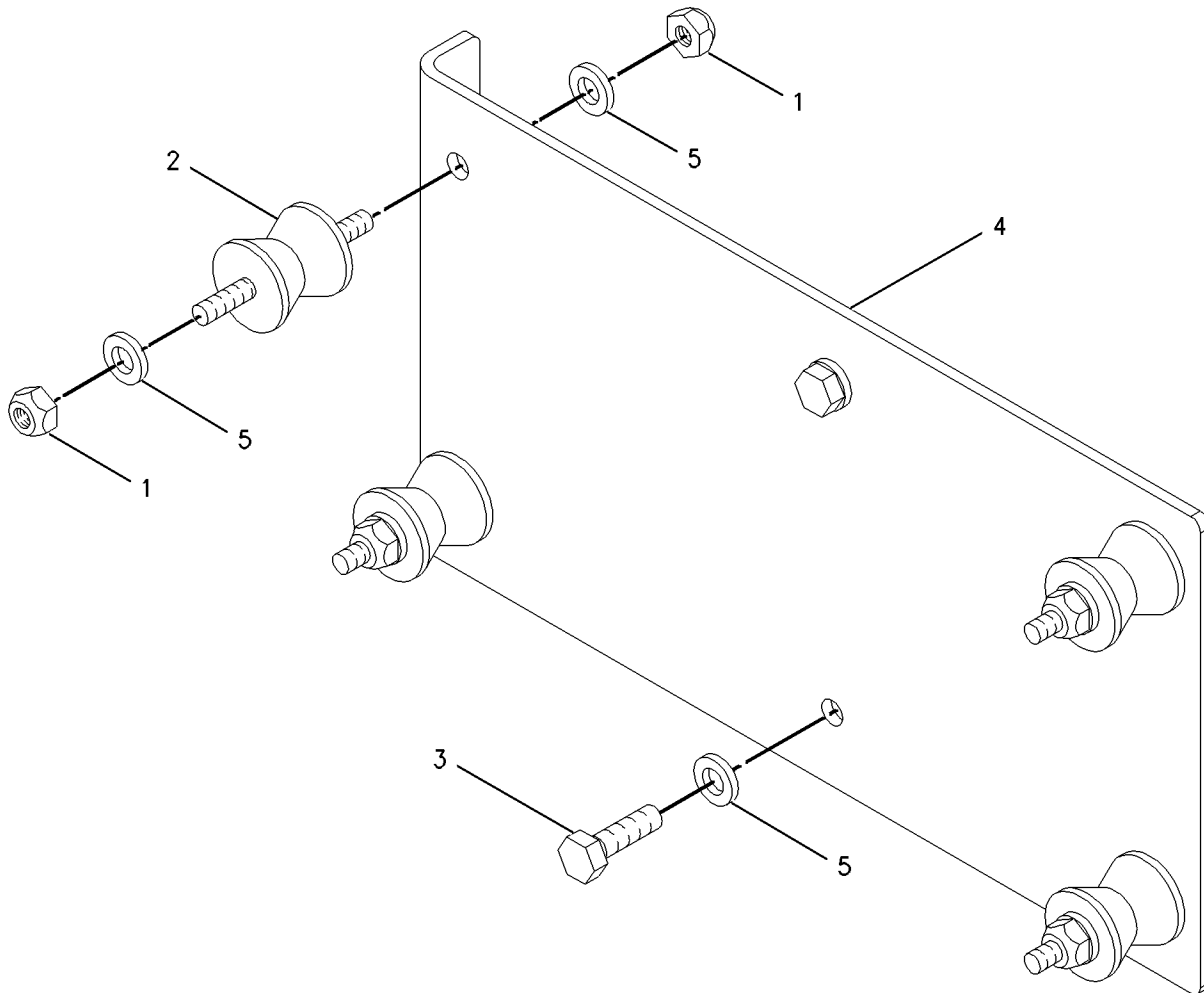
S/N: SNX1-UP  
INCLUDES PLATE  
AN ATTACHMENT

SMCS-7426

i01642212

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	6V-7743	6	LOCKNUT (M6X1 THD)						
	2	1	212-9330	4	MOUNT AS						
	3	1	215-3790	2	BOLT (M6X17.5MM THD)						
	4	1	206-6820	1	PLATE - MOUNTING						
	5	1	9X-8256	8	WASHER (6.6X12X2MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g00854810



# ELECTRICAL AND STARTING SYSTEM

## 241-0294 MOUNTING GP-SENSOR

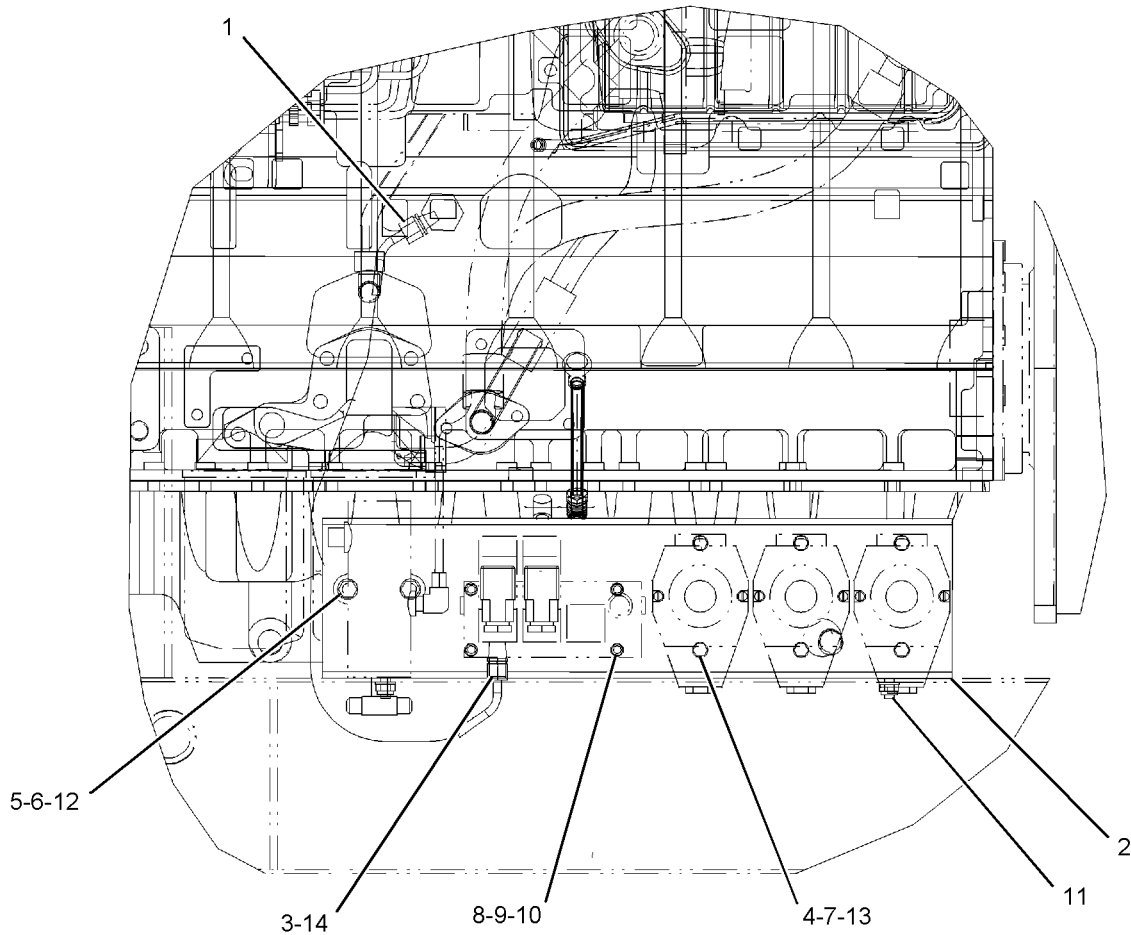
S/N: SNX1-UP  
AN ATTACHMENT

SMCS-5574

i01990363

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	5P-4400	1	CONNECTOR						
	2	1	238-7971	1	BRACKET						
	3	1	241-0291	1	CONNECTOR						
M	4	1	129-3178	6	LOCKNUT (M6X1 THD)						
M	5	1	131-3540	4	LOCKNUT (M8X1.25 THD)						
	6	1	213-9908	2	BOLT (M8X1.25X25MM)						
M	7	1	5C-9553	6	BOLT (M6X1X16MM)						
M	8	1	7Y-5226	4	NUT (M5X0.8 THD)						
	9	1	8T-0328	8	WASHER-HARD (5.5X10X1MM THK)						
M	10	1	8T-0335	4	BOLT (M5X0.8X40MM)						
M	11	1	8T-4189	2	BOLT (M8X1.25X20MM)						
	12	1	8T-4224	8	WASHER-HARD (8.8X16X2MM THK)						
	13	1	9X-8256	12	WASHER (6.6X12X2MM THK)						
E	14	1	5P-1198		TUBE (150CM)						

E-ORDER BY THE CENTIMETER  
M-METRIC PART



GRAPHIC #1

<END>

g01031806



# ELECTRICAL AND STARTING SYSTEM

## 210-6434 MOUNTING GP-STARTING MOTOR

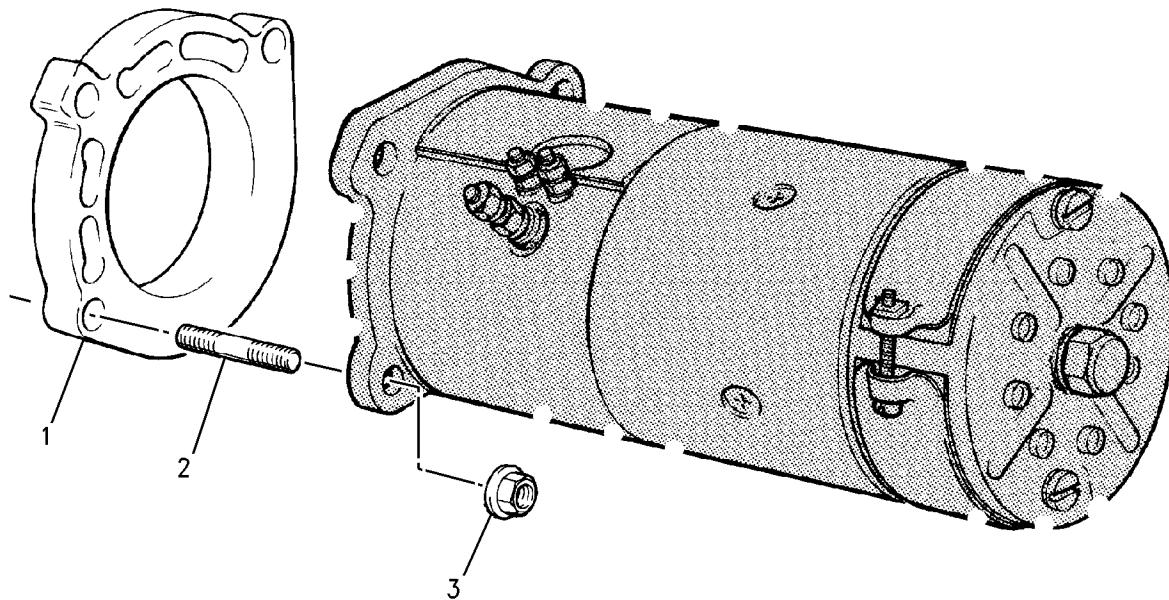
S/N: SNX1-UP

PART OF 223-3299, 223-3301, 223-3302, 223-3303 ENGINE AR  
AN ATTACHMENT

SMCS-1452, 1453

i01625133

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7W-4540	1	SPACER-STARTING MOTOR						
	2	1	101-5115	3	STUD (M10X40MM)						
	3	1	6I-0594	3	NUT (M10X1.5)						



GRAPHIC #1

<END>

g00850624



# ELECTRICAL AND STARTING SYSTEM

## 214-6470 MOUNTING GP-STARTING MOTOR

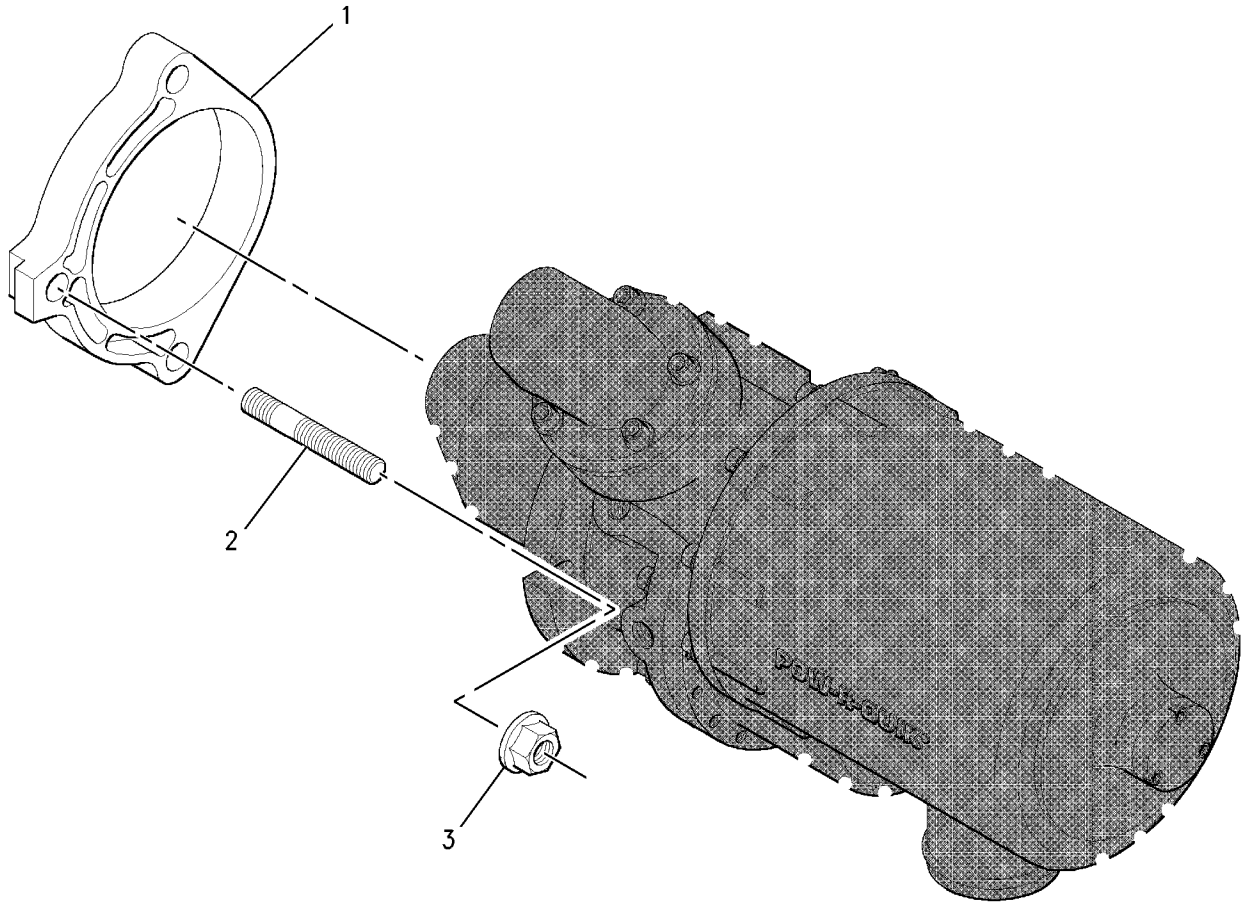
S/N: SNX1-UP

AN ATTACHMENT

SMCS-1452, 1453

i01642494

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	7W-4540	1	SPACER-STARTING MOTOR						
	2	1	128-1599	3	STUD (M10X50MM)						
	3	1	6I-0594	3	NUT (M10X1.5)						



GRAPHIC #1

<END>

g00850644

# ELECTRICAL AND STARTING SYSTEM

## 210-6437 RELAY GP

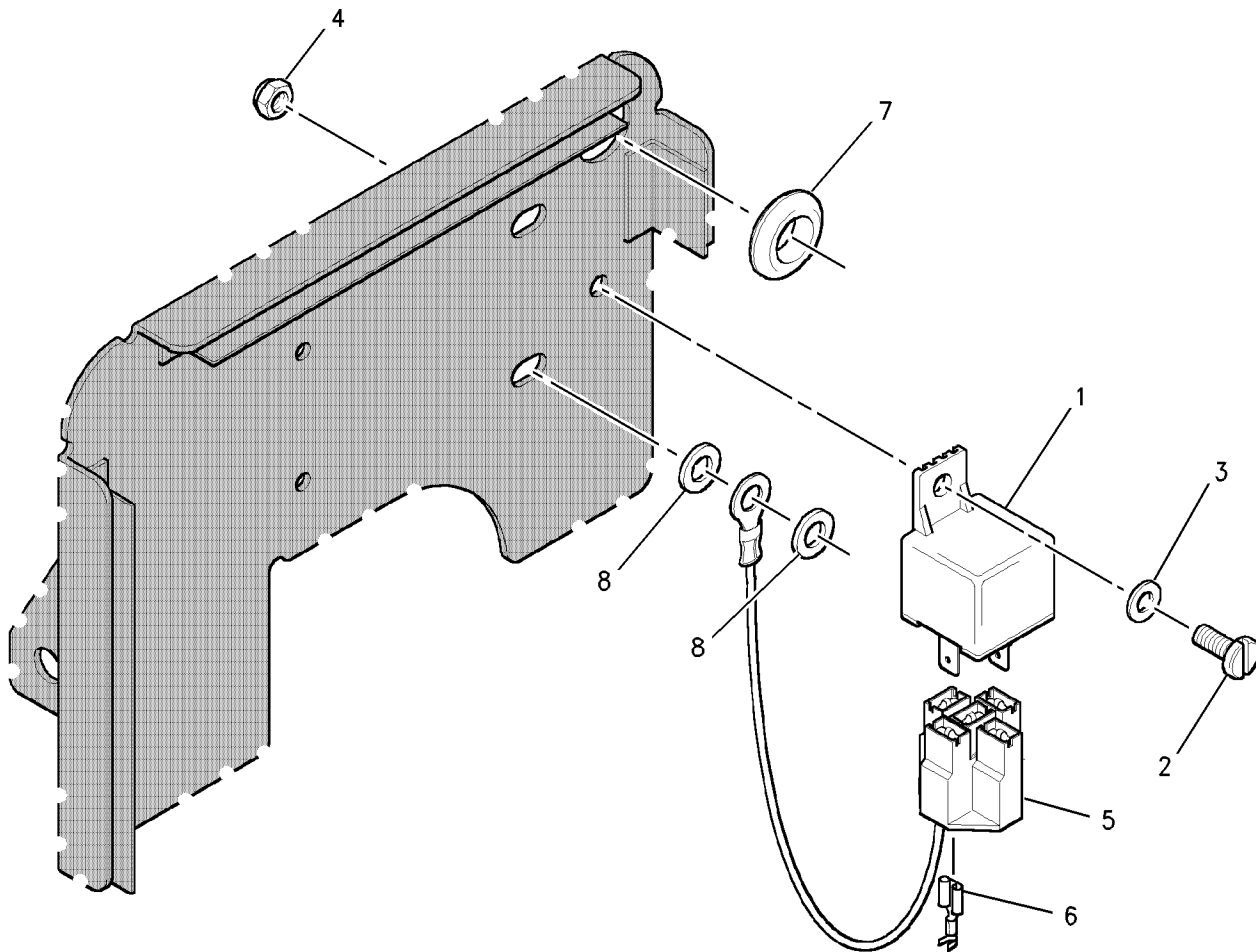
S/N: SNX1-UP

12 VOLT. THERMOSTART GROUND  
FOR USE WITH 210-6568-PAGE 206  
AN ATTACHMENT

SMCS-1422, 4493

i01998040

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	195-4621	1	RELAY (12V)						
	2	1	193-5189	1	SCREW (M5X.08X12MM)						
	3	1	196-7728	1	WASHER (5.1X11X1.3MM THK)						
	4	1	196-7708	1	LOCKNUT						
	5	1	210-6696	1	CONNECTOR						
	6	1	210-6697	3	TERMINAL						
	7	1	210-6698	1	GROMMET						
	8	1	193-5188	2	WASHER (M6)						



GRAPHIC #1

<END>

g00849939



# ELECTRICAL AND STARTING SYSTEM

## 210-6438 RELAY GP

S/N: SNX1-UP

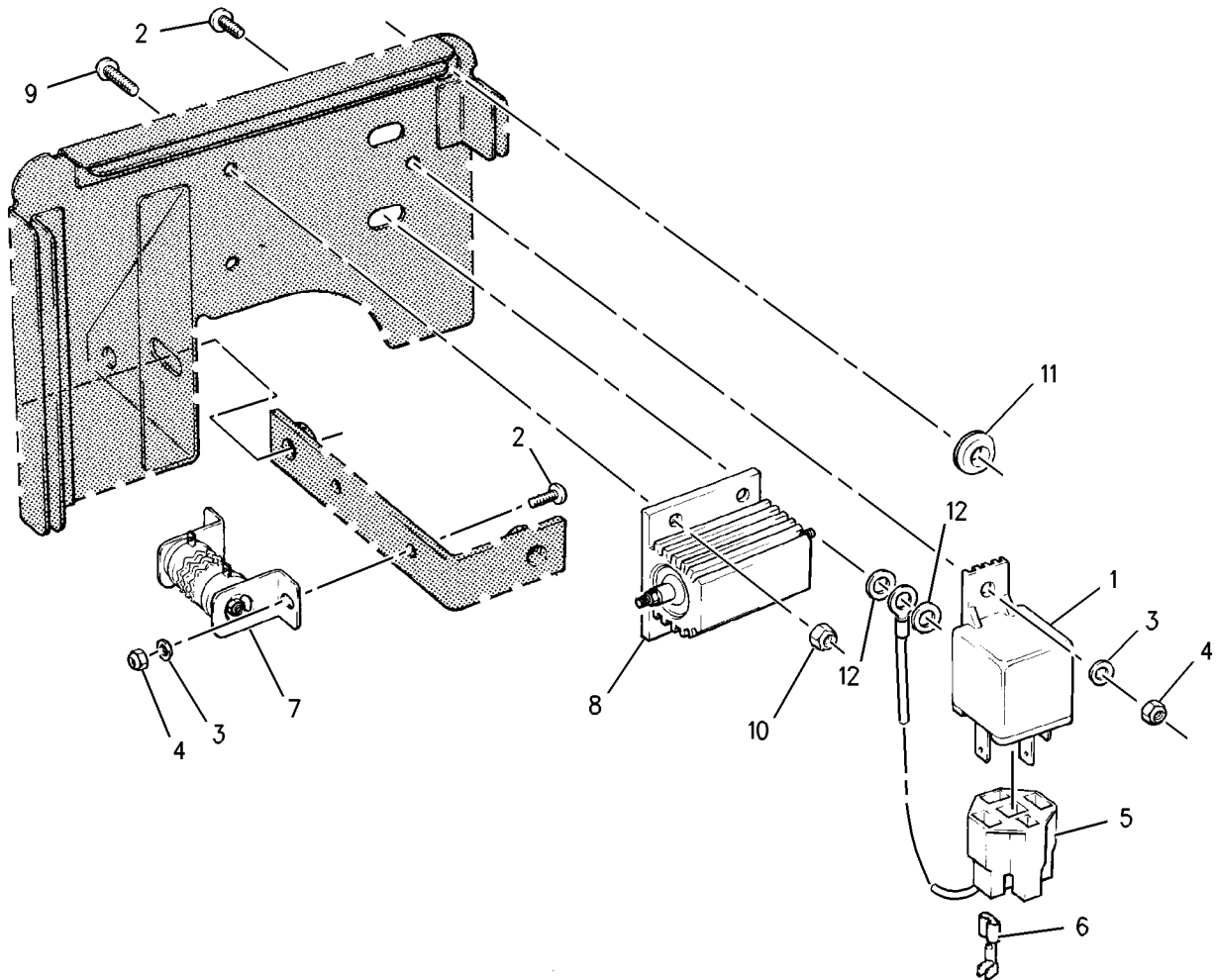
24 VOLT. THERMOSTART GROUND  
AN ATTACHMENT

SMCS-1422, 4493

i01998039

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	195-4622	1	RELAY (24V)						
M	2	1	8T-6693	3	SCREW-MACHINE (M5X0.8X16MM)						
	3	1	196-7728	3	WASHER (5.1X11X1.3MM THK)						
	4	1	196-7708	3	LOCKNUT						
	5	1	210-6696	1	CONNECTOR						
	6	1	210-6697	3	TERMINAL						
	7	1	7W-1251	1	RESISTOR (AIR HEATER)						
	8	1	110-6158	1	RESISTOR (STOP SOLENOID)						
M	9	1	161-7619	2	SCREW (M4X10MM)						
	10	1	196-0328	2	LOCKNUT						
	11	1	210-6698	1	GROMMET						
	12	1	193-5188	2	WASHER (M6)						

M-METRIC PART



GRAPHIC #1

<END>

g00850597





# ELECTRICAL AND STARTING SYSTEM

## 240-8365 RESISTOR

S/N: SNX1-UP

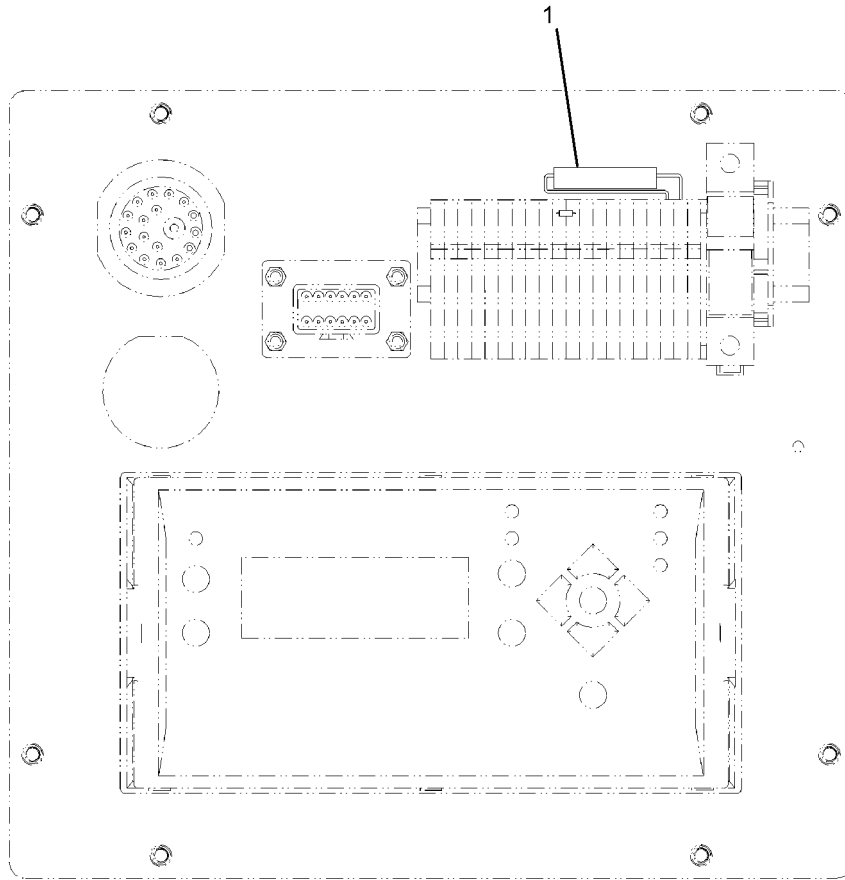
12-VOLT

AN ATTACHMENT

SMCS-1437

i01990362

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	239-1234	1	RESISTOR						



GRAPHIC #1

<END>

g01031781



# ELECTRICAL AND STARTING SYSTEM

## 240-8364 RESISTOR AS

S/N: SNX1-UP

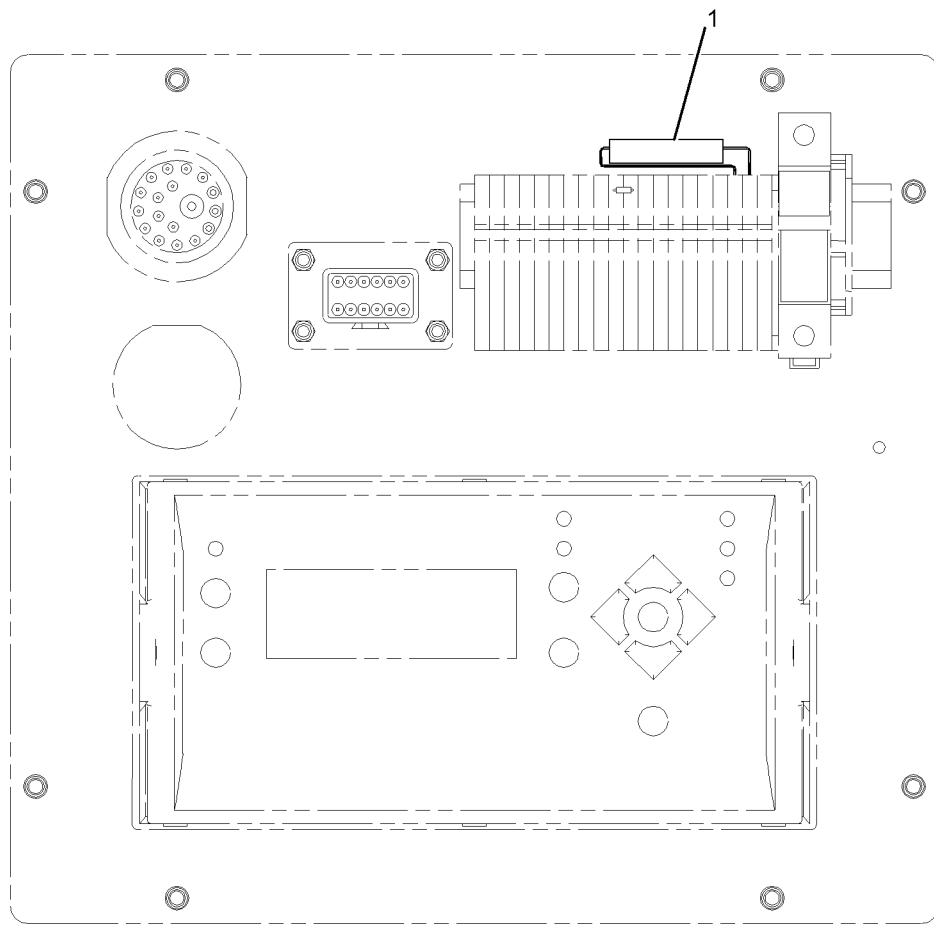
24-VOLT

AN ATTACHMENT

SMCS-1437

i01995015

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	239-2059	1	RESISTOR						



LEFT SIDE VIEW

<END>

GRAPHIC #1

g01032736



# ELECTRICAL AND STARTING SYSTEM

## 227-3751 SENDER GP

S/N: SNX1-UP

AN ATTACHMENT

SMCS-7400

i01995009

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	193-5150	1	SWITCH AS-TEMPERATURE (96 DEGREE)						
	196-7654	1	SENDER (WATER TEMPERATURE)						
	196-7693	2	SWITCH AS-PRESSURE (OIL PRESSURE 0-5 BAR)						
	8T-6757	1	PLUG-PIPE						
	206-3711	1	ADAPTER (1/8)						
	214-4250	1	WASHER (5/8IN)						
	227-3717	1	SENDER AS-TEMPERATURE						
<b>&lt;END&gt;</b>									



# ELECTRICAL AND STARTING SYSTEM

## 210-6548 SENSOR GP-ELECTRONIC

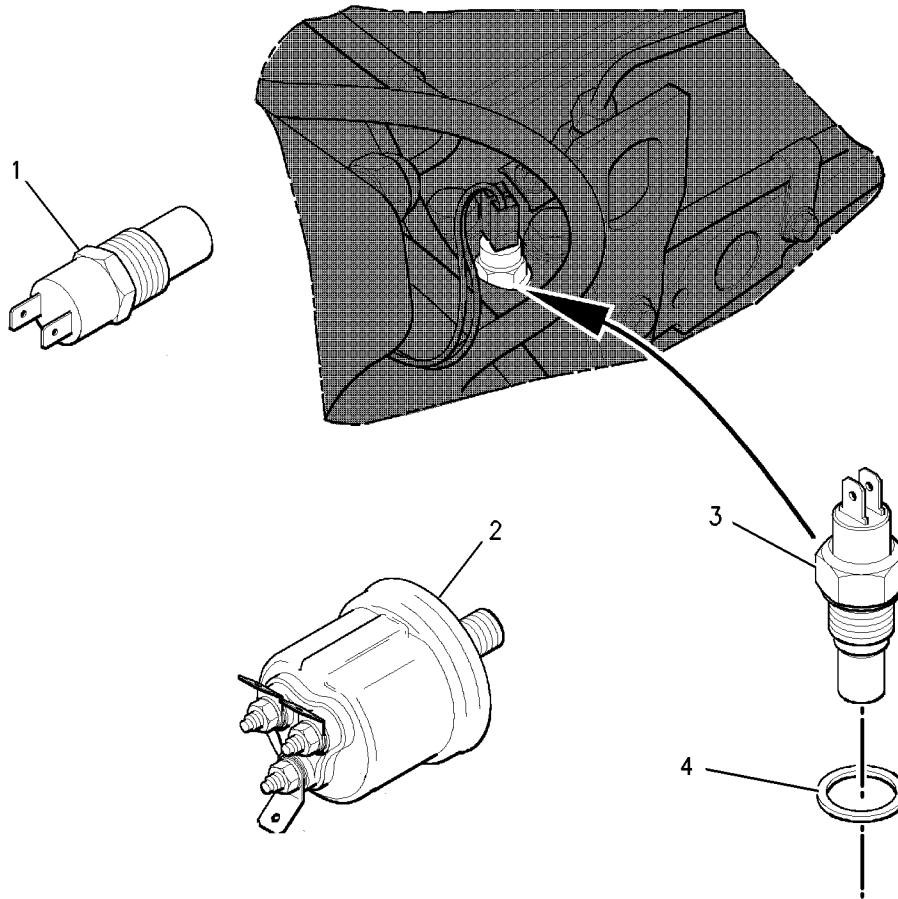
S/N: SNX1-UP

PART OF 223-3299, 223-3301, 223-3302, 223-3303 ENGINE AR  
CANNOT BE USED WITH REMOTE PANELS WITH ENGINE METERS  
AN ATTACHMENT

SMCS-7400

i01634044

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	193-5150	1	SWITCH AS-TEMPERATURE (96 DEGREE)						
	2	1	196-7693	1	SWITCH AS-PRESSURE (OIL PRESSURE 0-5 BAR)						
	3	1	196-7654	1	SENDER (WATER TEMPERATURE)						
	4	1	067-6045	1	WASHER (5/8 IN)						



GRAPHIC #1

<END>

g00850282



# ELECTRICAL AND STARTING SYSTEM

## 214-4078 SENSOR GP - ENGINE

S/N: SNX1-UP

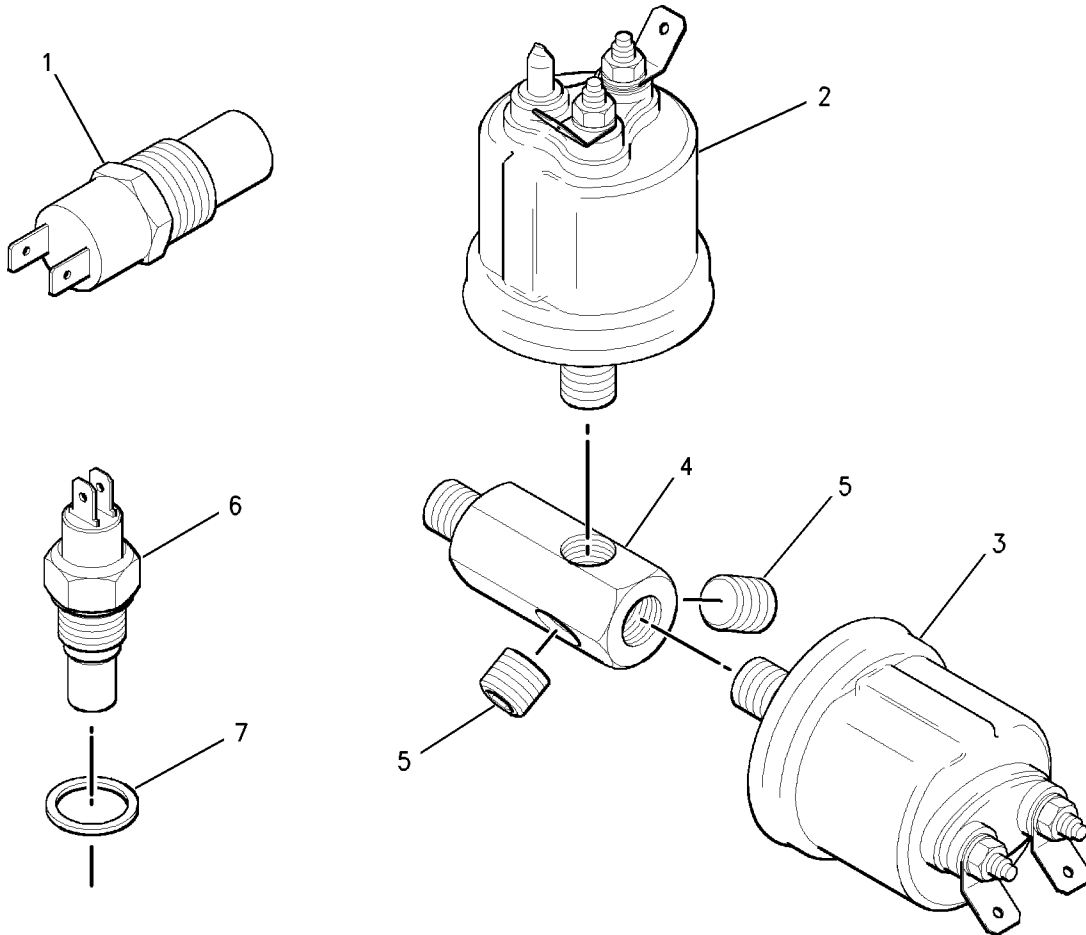
DUAL STATION

FOR USE WITH REMOTE PANELS WITH ENGINE METERS  
AN ATTACHMENT

SMCS-7400

i01642384

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	193-5150	1	SWITCH AS-TEMPERATURE (96 DEGREE) (WATER)						
	2	1	214-4140	1	SWITCH-PRESSURE (OIL)						
	3	1	214-4147	1	SENDER-PRESSURE (OIL)						
	4	1	206-3711	1	ADAPTER (1/8)						
	5	1	8T-6757	2	PLUG-PIPE (1/8IN NPTF)						
	6	1	214-4148	1	SENDER-TEMPERATURE (WATER)						
	7	1	214-4250	1	WASHER (5/8IN)						



GRAPHIC #1

<END>

g00852504



# ELECTRICAL AND STARTING SYSTEM

## 220-1886 SENSOR GP-SPEED-ENGINE

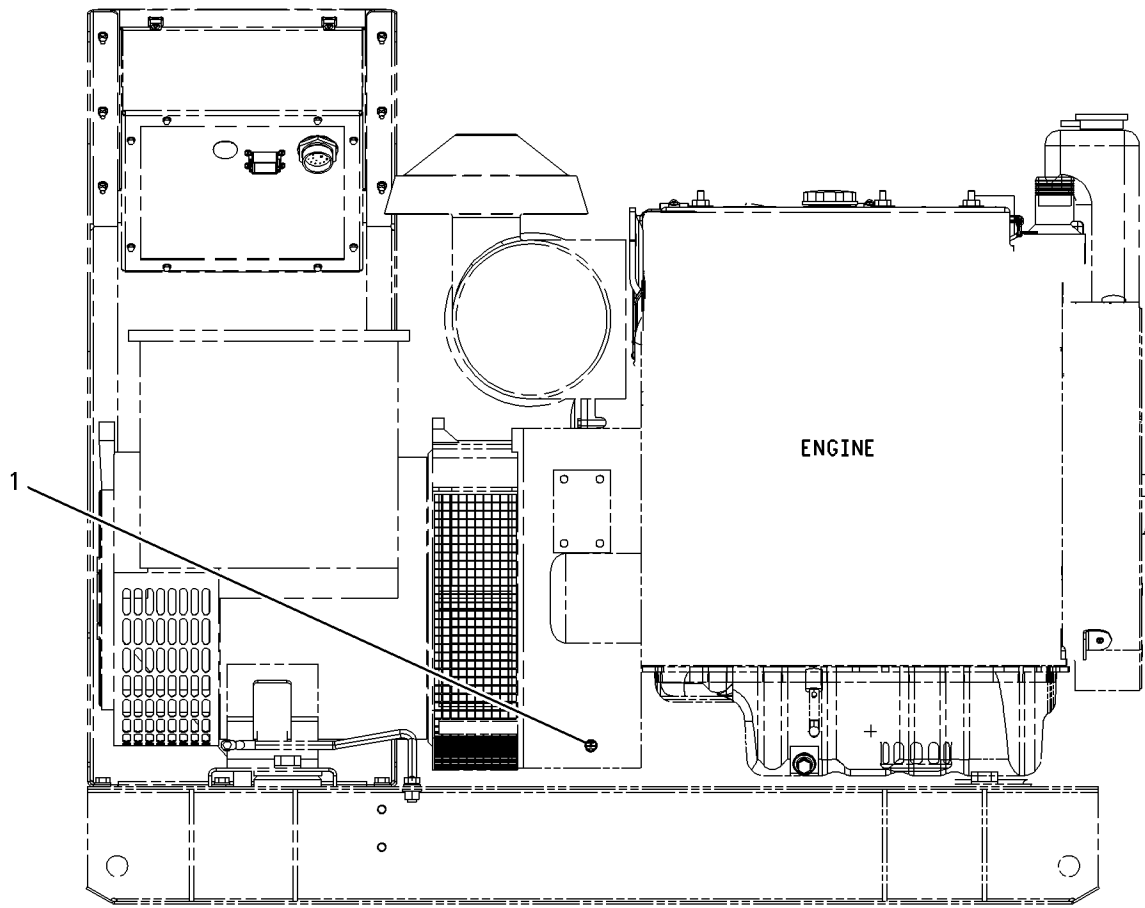
S/N: SNX1-UP

AN ATTACHMENT

SMCS-1907

i01995464

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	220-1557	1	SENSOR AS-SPEED (ENGINE)						



RIGHT SIDE VIEW

GRAPHIC #1

<END>

g00889923



# ELECTRICAL AND STARTING SYSTEM

## 224-3304 SOLENOID GP

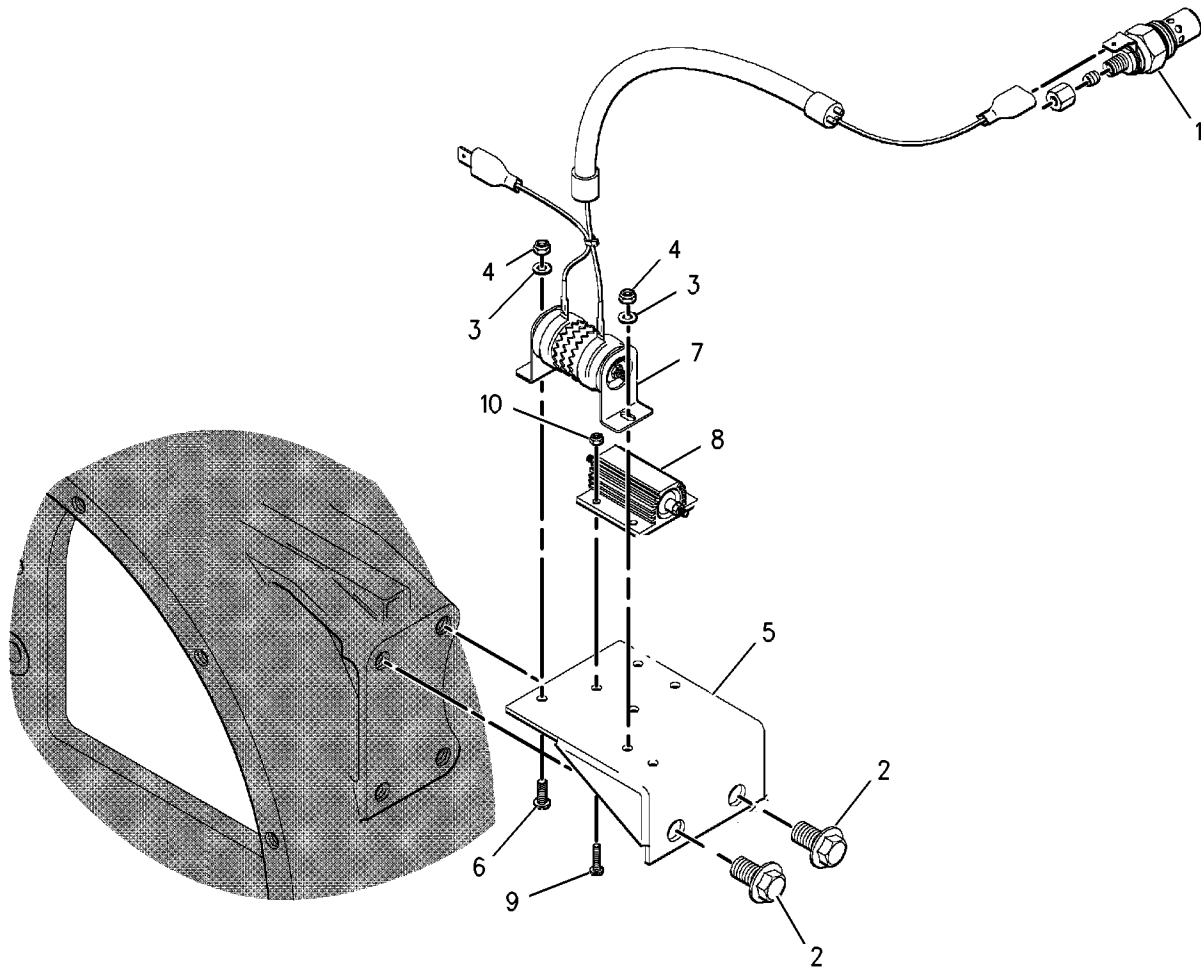
S/N: SNX1-UP

PART OF 223-3302, 223-3303 ENGINE AR

SMCS-1467

i01998042

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	035-8059	1	HEATER (AIR)						
	2	1	210-6964	2	BOLT-FLANGE HEAD (M12X16MM)						
	3	1	196-7728	2	WASHER (5.1X11X1.3MM THK)						
	4	1	196-7708	2	LOCKNUT (M5)						
	5	1	214-9345	1	BRACKET						
	6	1	193-5189	2	SCREW (M5X.08X12MM)						
	7	1	7W-1251	1	RESISTOR (AIR HEATER)						
	8	1	110-6158	1	RESISTOR (STOP SOLENOID)						
	9	1	214-9193	4	SCREW (M4X16MM)						
	10	1	196-0328	4	LOCKNUT						



GRAPHIC #1

<END>

g00900126



# ELECTRICAL AND STARTING SYSTEM

## 224-3305 SOLENOID GP

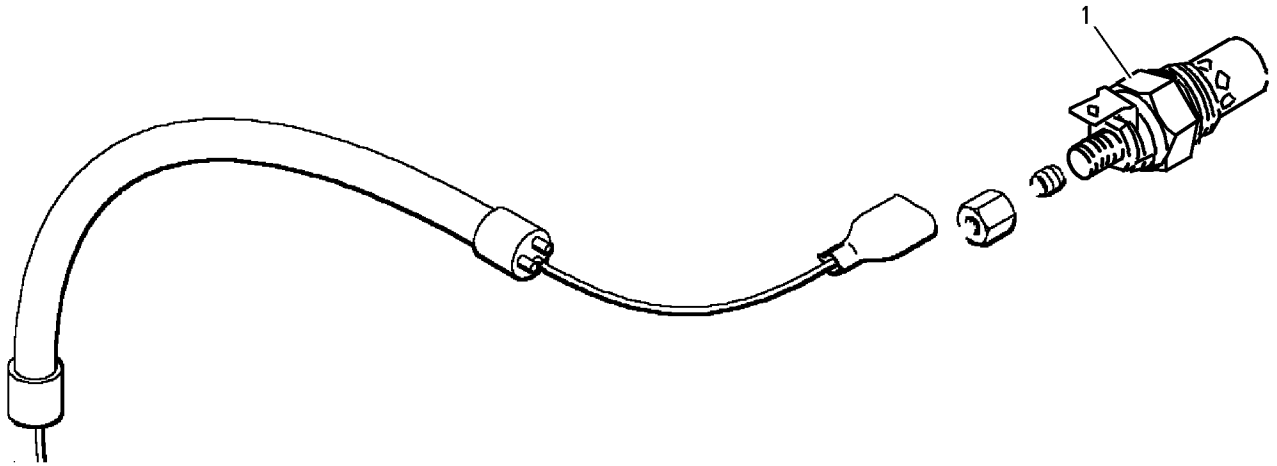
S/N: SNX1-UP

PART OF 223-3299, 223-3301 ENGINE AR

SMCS-1467

i01998041

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	035-8059	1	HEATER (AIR)						



GRAPHIC #1

<END>

g00900130





# ELECTRICAL AND STARTING SYSTEM

## 214-9161 STARTING AID GP

S/N: SNX1-UP

24 VOLT. THERMOSTART, GROUND, AND RESISTORS  
AN ATTACHMENT

SMCS-1090

i01998027

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	195-4622	1	RELAY (24V) (THERMOSTART)						
M	2	1	8T-6693	2	SCREW-MACHINE (M5X0.8X16MM)						
	3	1	196-7728	5	WASHER (5.1X11X1.3MM THK)						
	4	1	196-7708	3	LOCKNUT (M5)						
	5	1	210-6696	1	CONNECTOR						
	6	1	210-6697	3	TERMINAL						
	7	1	7W-1251	1	RESISTOR (AIR HEATER)						
	8	1	110-6158	1	RESISTOR (FUEL SHUTOFF SOLENOID)						
	9	1	214-9193	4	SCREW (M4X16MM)						
	10	1	196-0328	4	LOCKNUT						
	11	1	193-5189	1	SCREW (M5X.08X12MM)						
	12	1	214-9345	1	BRACKET						
	13	1	197-0616	1	FILM-WARNING						
	14	1	210-6964	2	BOLT-FLANGE HEAD (M12X16MM)						
	15	1	035-8059	1	HEATER (AIR)						
F		1	196-0384	1	TIE-CABLE						
F		1	206-3748	1	BAG-POLYETHYLENE						

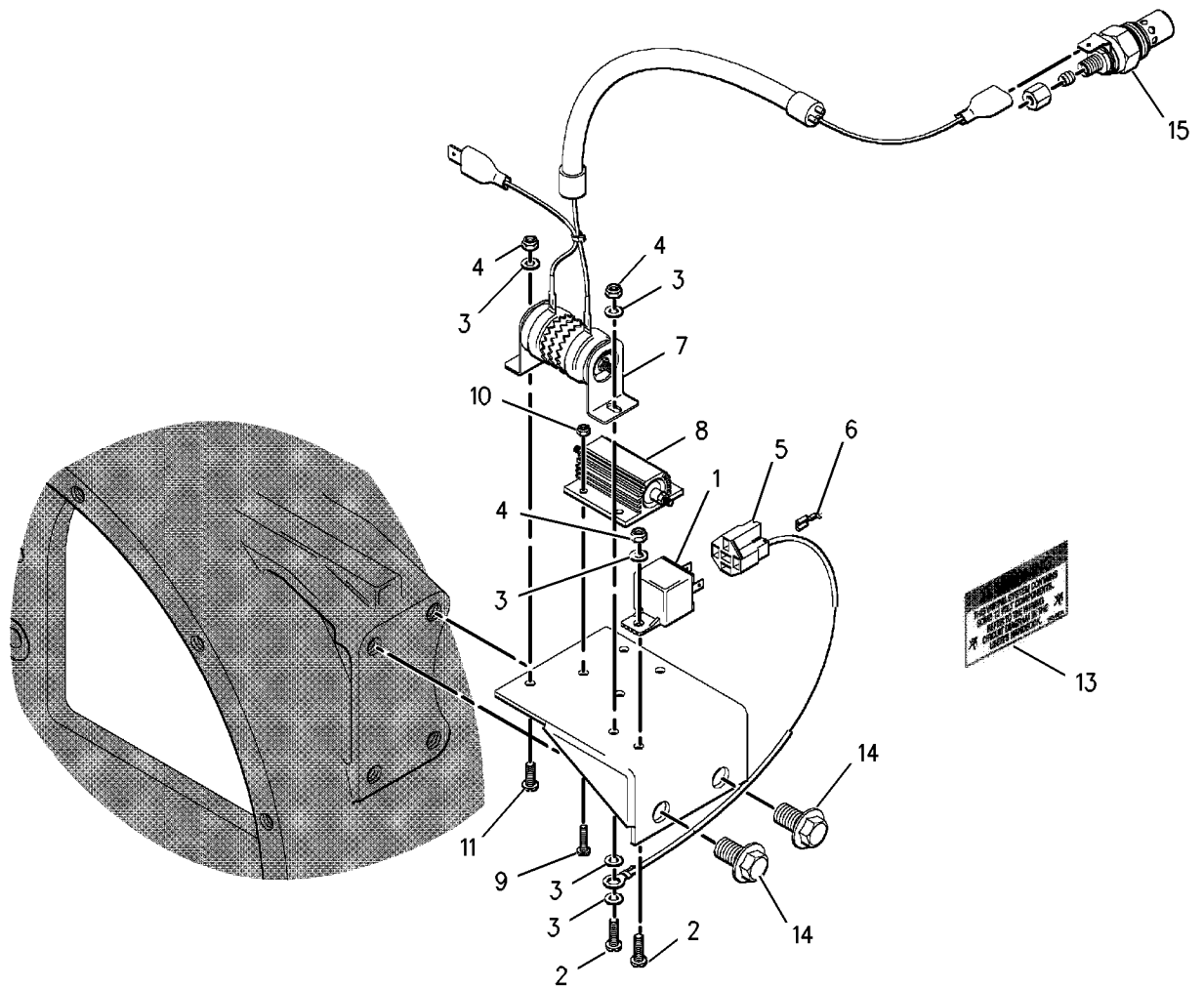
F - NOT SHOWN  
M - METRIC PART



# ELECTRICAL AND STARTING SYSTEM

214-9161 STARTING AID GP (contd.)

i01998027



GRAPHIC #1

<END>

g00858103

# ELECTRICAL AND STARTING SYSTEM

## 214-9510 STARTING AID GP

S/N: SNX1-UP

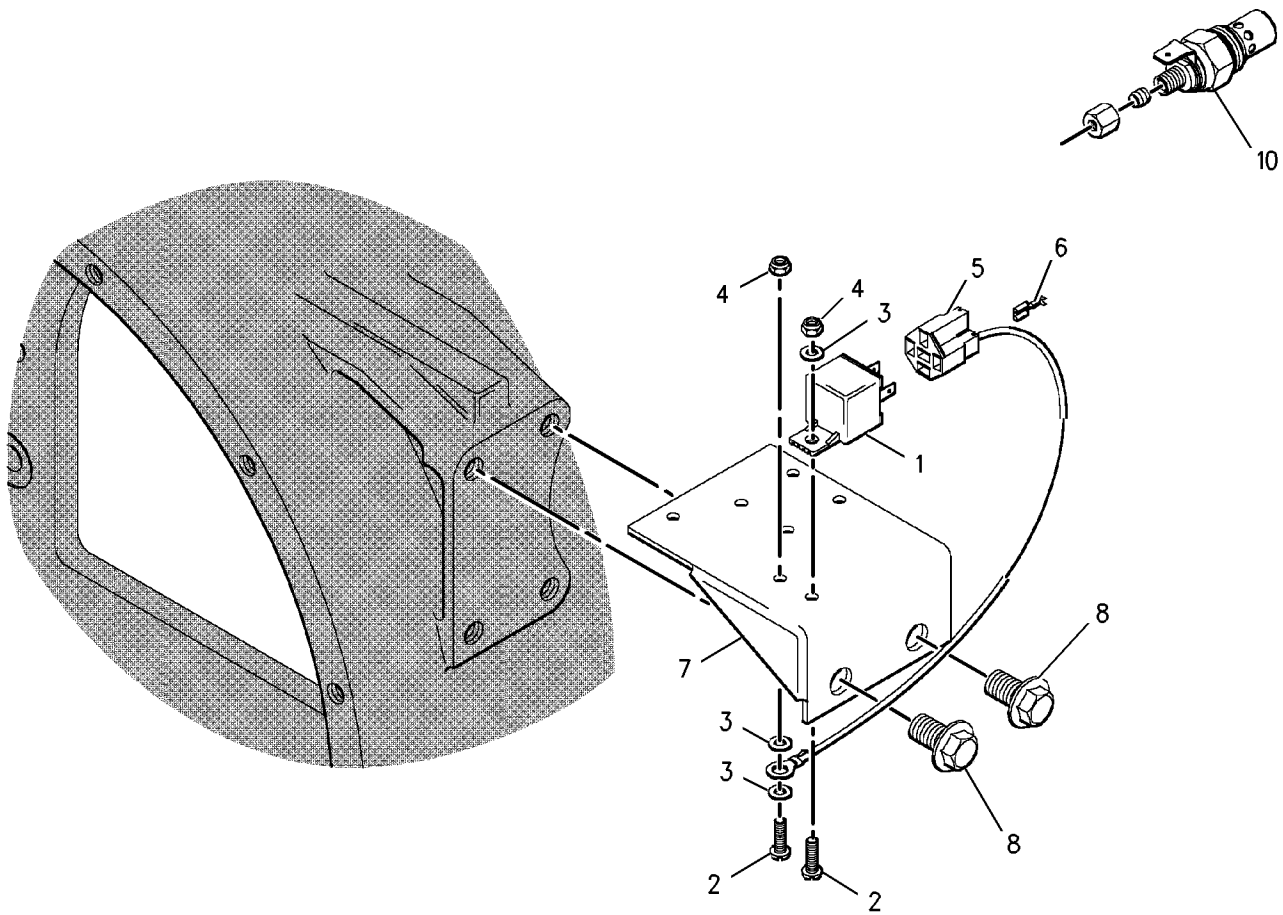
12 VOLT. THERMOSTART AND GROUND  
AN ATTACHMENT

SMCS-1090

i01998020

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	195-4621	1	RELAY (12V)						
M	2	1	8T-6693	2	SCREW-MACHINE (M5X0.8X16MM)						
	3	1	196-7728	3	WASHER (5.1X11X1.3MM THK)						
	4	1	196-7708	2	LOCKNUT						
	5	1	210-6696	1	CONNECTOR						
	6	1	210-6697	3	TERMINAL						
	7	1	214-9345	1	BRACKET						
	8	1	210-6964	2	BOLT-FLANGE HEAD (M12X16MM)						
	10	1	035-8059	1	HEATER (AIR)						
F		1	206-3748	1	BAG-POLYETHYLENE						
F		1	196-0384	1	TIE-CABLE						

F - NOT SHOWN  
M - METRIC PART



GRAPHIC #1

<END>

g00899932



# ELECTRICAL AND STARTING SYSTEM

## 214-6520 STARTING MOTOR GP-AIR

S/N: SNX1-UP  
FOR USE WITH 24 VOLT SYSTEM  
AN ATTACHMENT

SMCS-1451

i01642495

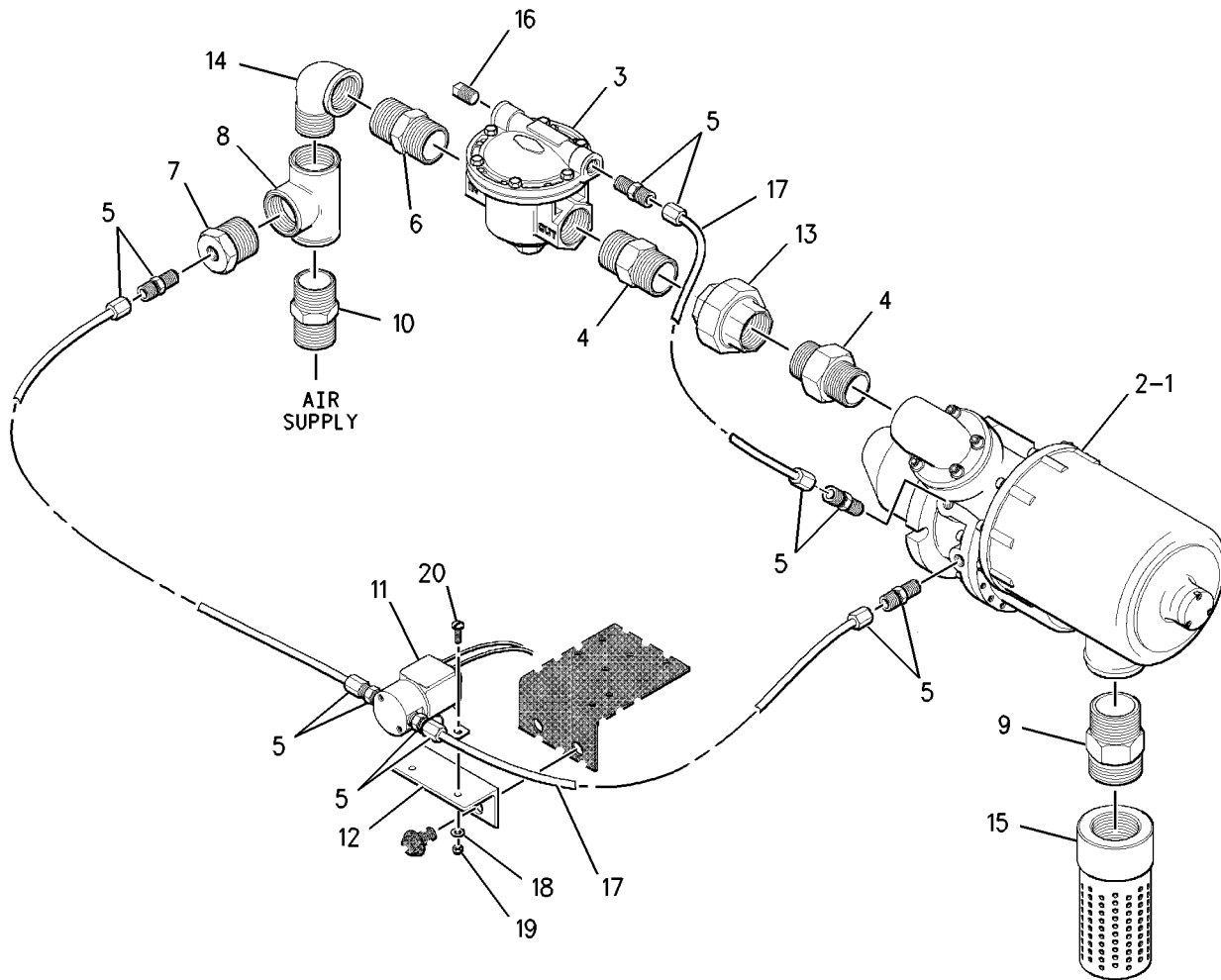
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	214-6551	1	STARTING MOTOR GP-AIR						
	2	1	214-6552	1	MOTOR AS						
	3	1	214-6555	1	VALVE						
	4	1	214-6573	2	ADAPTER						
	5	1	214-6574	6	FITTING						
	6	1	214-6576	1	ADAPTER						
	7	1	214-6577	1	ADAPTER						
	8	1	214-6578	1	TEE						
	9	1	214-6579	1	ADAPTER						
	10	1	214-6580	1	CONNECTOR						
	11	1	214-6584	1	SOLENOID (AIR START)						
	12	1	214-6563	1	BRACKET						
	13	1	214-6581	1	FITTING						
	14	1	214-6582	1	ELBOW						
	15	1	214-6583	1	SILENCER						
	16	1	214-6575	1	PLUG						
	17	1	214-6585	1	HOSE						
	18	1	196-7728	2	WASHER (5.1X11X1.3MM THK)						
	19	1	196-7708	2	LOCKNUT						
M	20	1	8T-6693	2	SCREW-MACHINE (M5X0.8X16MM)						
M-METRIC PART											



# ELECTRICAL AND STARTING SYSTEM

214-6520 STARTING MOTOR GP-AIR (contd.)

i01642495



GRAPHIC #1

<END>

g00851267



# ELECTRICAL AND STARTING SYSTEM

## 214-6550 STARTING MOTOR GP-AIR

S/N: SNX1-UP  
FOR USE WITH 12 VOLT SYSTEM  
AN ATTACHMENT

SMCS-1451

i01646087

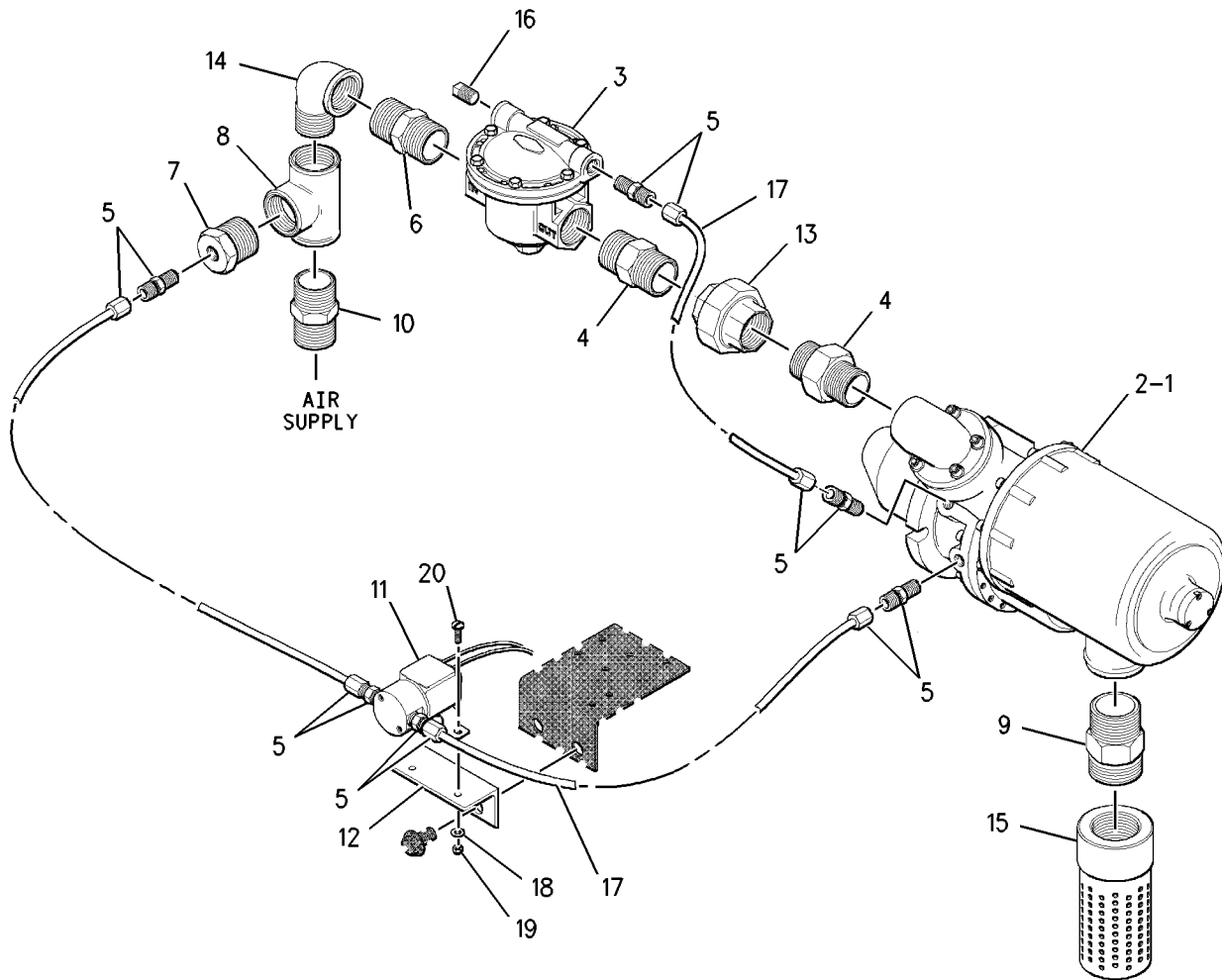
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	214-6588	1	STARTING MOTOR GP-AIR						
	2	1	214-6552	1	MOTOR AS						
	3	1	214-6555	1	VALVE						
	4	1	214-6573	2	ADAPTER						
	5	1	214-6574	6	FITTING						
	6	1	214-6576	1	ADAPTER						
	7	1	214-6577	1	ADAPTER						
	8	1	214-6578	1	TEE						
	9	1	214-6579	1	ADAPTER						
	10	1	214-6580	1	CONNECTOR						
	11	1	214-6584	1	SOLENOID (AIR START)						
	12	1	214-6563	1	BRACKET						
	13	1	214-6581	1	FITTING						
	14	1	214-6582	1	ELBOW						
	15	1	214-6583	1	SILENCER						
	16	1	214-6575	1	PLUG						
	17	1	214-6585	1	HOSE						
	18	1	196-7728	2	WASHER (5.1X11X1.3MM THK)						
	19	1	196-7708	2	LOCKNUT						
M	20	1	8T-6693	2	SCREW-MACHINE (M5X0.8X16MM)						
M-METRIC PART											



# ELECTRICAL AND STARTING SYSTEM

214-6550 STARTING MOTOR GP-AIR (contd.)

i01646087



GRAPHIC #1

<END>

g00851267



# ELECTRICAL AND STARTING SYSTEM

## 198-4111 STARTING MOTOR GP-ELECTRIC

S/N: SNX1-UP

12 VOLT. CASE GROUND

PART OF 223-3299, 223-3301 ENGINE AR

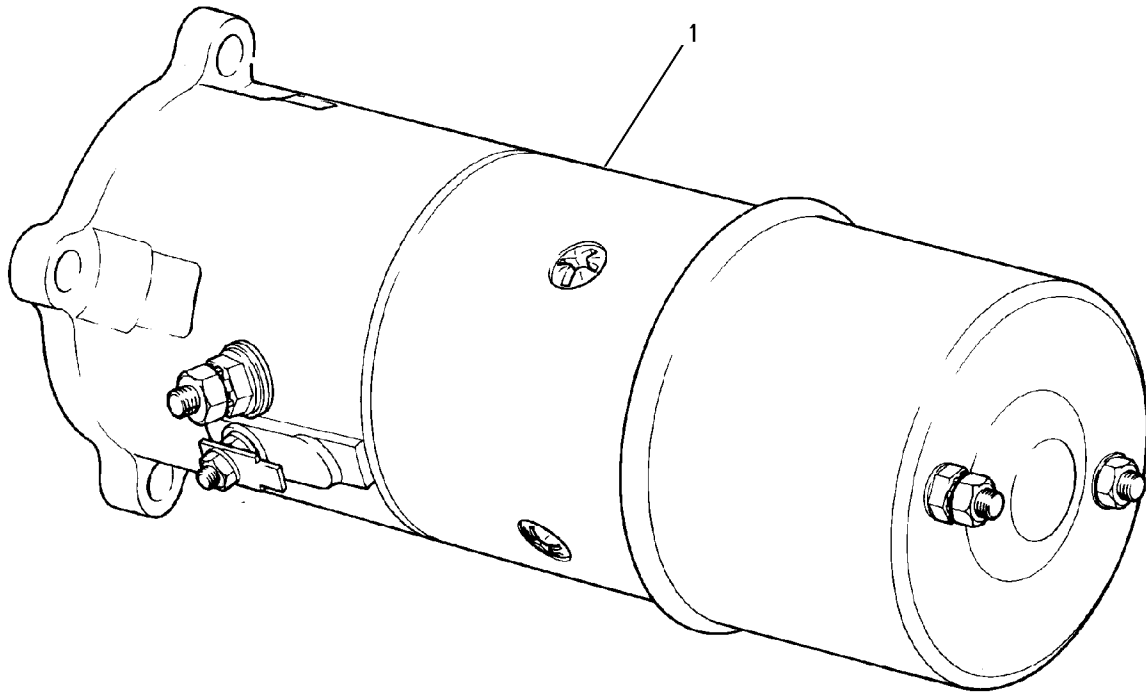
CANNOT BE USED WITH TURBOCHARGER

AN ATTACHMENT

SMCS-1453

i01624232

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	195-4637	1	STARTING MOTOR GP-ELECTRIC						



GRAPHIC #1

<END>

g00747732





# ELECTRICAL AND STARTING SYSTEM

## 198-4112 STARTING MOTOR GP-ELECTRIC

S/N: SNX1-UP

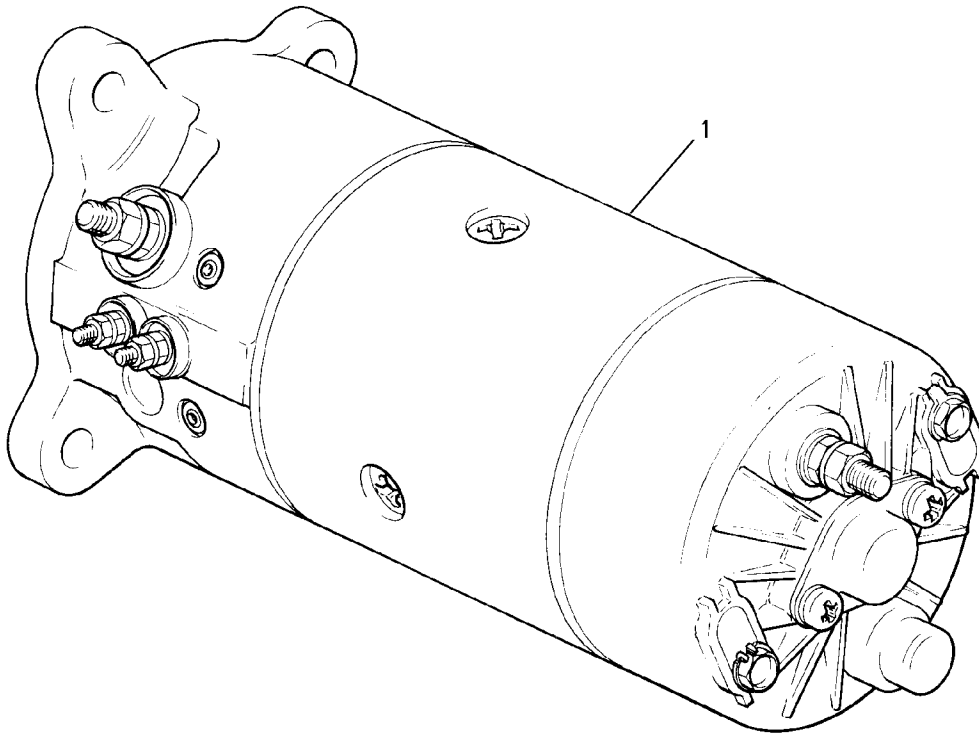
24 VOLT. CASE GROUND

PART OF 223-3302, 223-3303 ENGINE AR  
AN ATTACHMENT

SMCS-1453

i01624262

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	195-4638	1	STARTING MOTOR GP-ELECTRIC						



GRAPHIC #1

<END>

g00747812



# ELECTRICAL AND STARTING SYSTEM

## 223-1747 SWITCH GP-OIL LEVEL

S/N: SNX1-UP

AN ATTACHMENT

SMCS-7422

i01933809

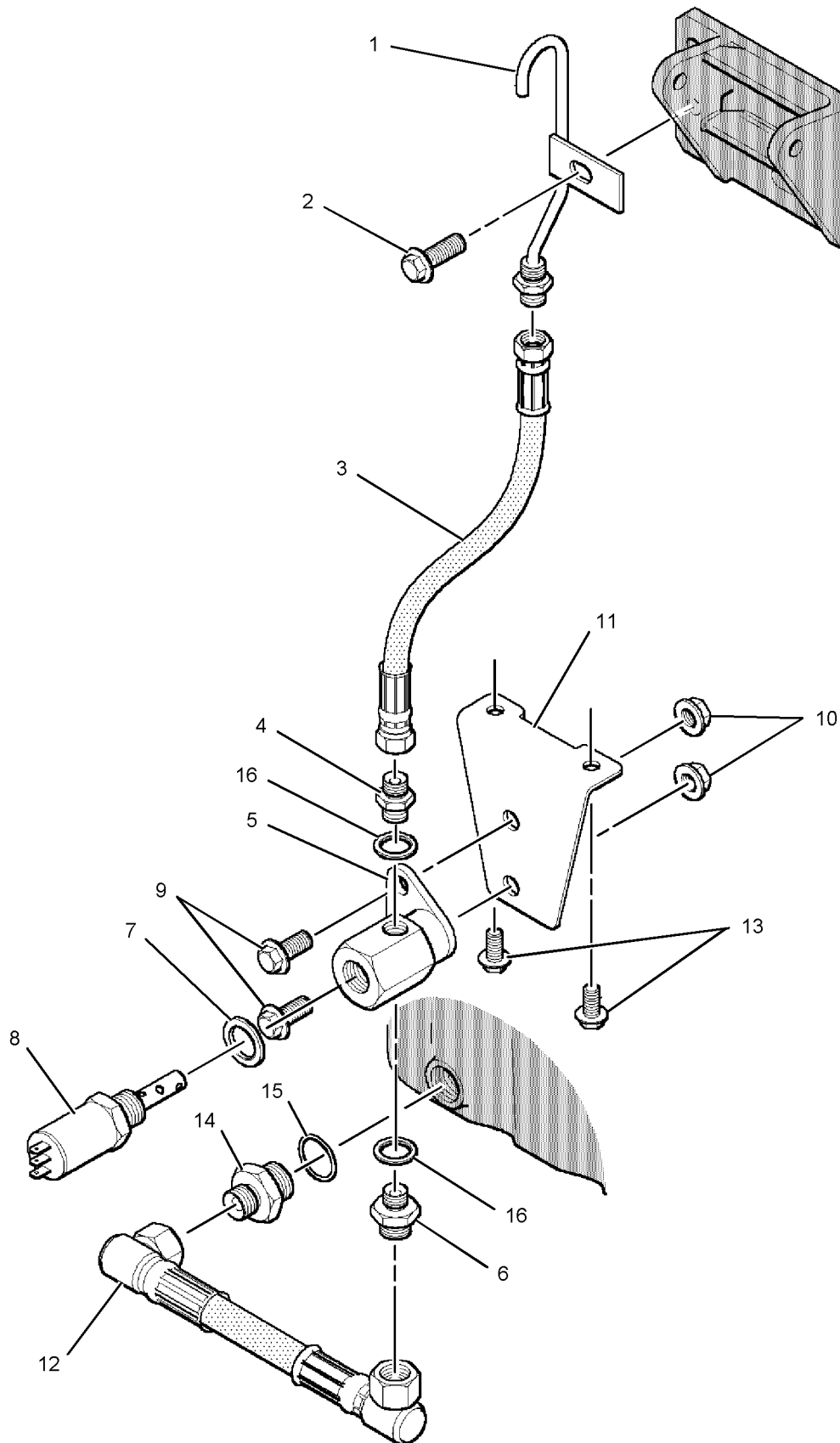
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	223-1757	1	TUBE AS						
	2	1	6I-0593	1	BOLT (M10X1.5X30MM)						
	3	1	223-1769	1	HOSE AS						
	4	1	223-1751	1	ADAPTER						
	5	1	223-1756	1	BRACKET						
	6	1	223-1759	1	ADAPTER						
	7	1	6V-0407	1	SEAL-BONDED						
	8	1	223-1760	1	SWITCH (ENGINE OIL LEVEL)						
	9	1	100-4830	2	BOLT (M10X1.5X20MM)						
	10	1	6I-0594	2	NUT (M10X1.5)						
	11	1	223-1770	1	BRACKET						
	12	1	223-1771	1	HOSE AS						
	13	1	6I-0217	2	BOLT (M8X1.25X20MM)						
	14	1	193-5101	1	ADAPTER (3/8X3/4)						
	15	1	194-7158	1	SEAL-O-RING						
	16	1	219-1643	2	SEAL						



# ELECTRICAL AND STARTING SYSTEM

223-1747 SWITCH GP-OIL LEVEL (contd.)

i01933809



GRAPHIC #1

<END>

g01029488



# ELECTRICAL AND STARTING SYSTEM

## 234-2556 SWITCH GP-OIL LEVEL

S/N: SNX1-UP

AN ATTACHMENT

SMCS-7422

i01934039

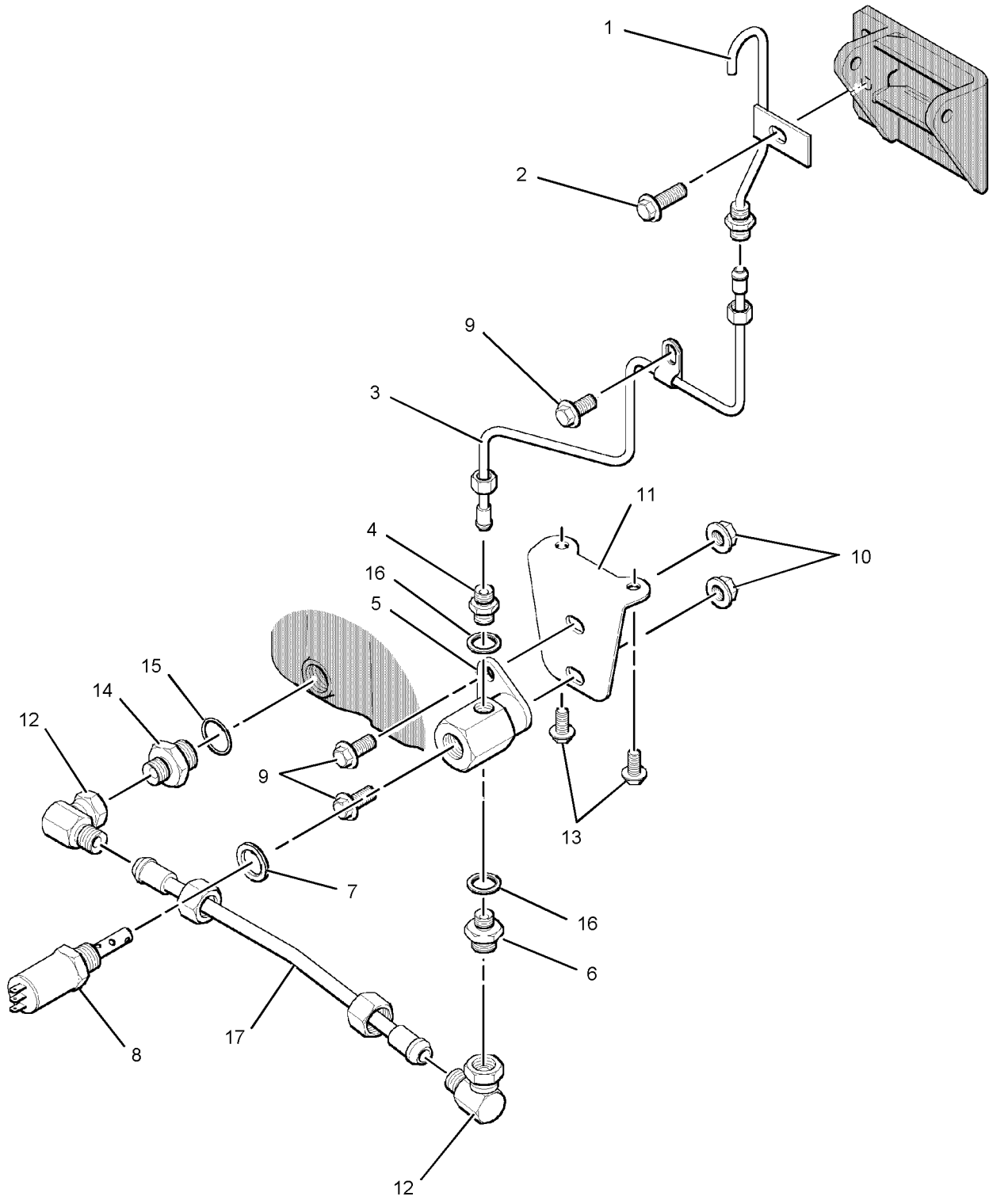
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	223-1757	1	TUBE AS						
	2	1	6I-0593	1	BOLT (M10X1.5X30MM)						
	3	1	234-2554	1	TUBE AS						
	4	1	223-1751	1	ADAPTER						
	5	1	223-1756	1	BRACKET						
	6	1	223-1759	1	ADAPTER						
	7	1	6V-0407	1	SEAL-BONDED						
	8	1	223-1760	1	SWITCH (ENGINE OIL LEVEL)						
	9	1	100-4830	3	BOLT (M10X1.5X20MM)						
	10	1	6I-0594	2	NUT (M10X1.5)						
	11	1	223-1770	1	BRACKET						
	12	1	196-0288	2	ADAPTER						
	13	1	6I-0260	2	BOLT (M8X1.25X25MM)						
	14	1	193-5101	1	ADAPTER (3/8X3/4)						
	15	1	194-7158	1	SEAL-O-RING						
	16	1	219-1643	2	SEAL						
	17	1	235-0561	1	TUBE AS						



# ELECTRICAL AND STARTING SYSTEM

234 - 2556 SWITCH GP-OIL LEVEL (contd.)

i01934039



GRAPHIC #1

<END>

g01029498



# ELECTRICAL AND STARTING SYSTEM

## 239-2205 SWITCH GP-PRESS & TEMP

S/N: SNX1-UP  
AN ATTACHMENT

SMCS-7400, 7420, 7421

i01998343

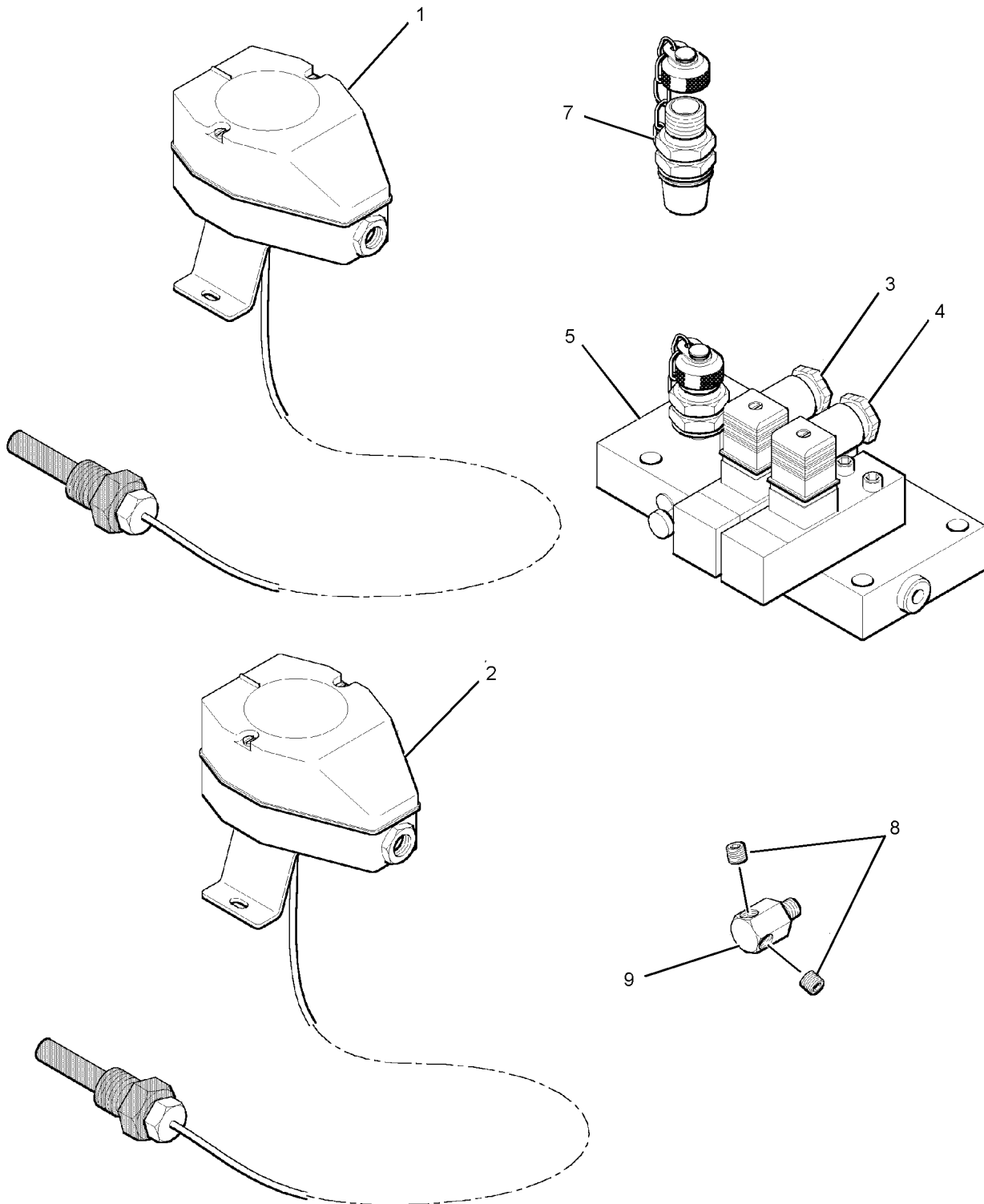
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	237-2727	1	THERMOSTAT (92 DEG C)						
	2	1	237-2731	1	THERMOSTAT (99 DEG C)						
	3	1	237-2740	1	SWITCH (ENGINE OIL PRESSURE) (20 PSI)						
	4	1	237-2739	1	SWITCH (ENGINE OIL PRESSURE) (12 PSI)						
	5	1	237-2787	1	BLOCK AS-HYDRAULIC						
	7	1	237-2788	1	SWITCH (ENGINE OIL PRESSURE)						
	8	1	202-9200	2	PLUG						
					(EACH INCLUDES)						
		1	8T-6757	1	PLUG-PIPE						
	9	1	230-9700	1	ADAPTER						



# ELECTRICAL AND STARTING SYSTEM

239 - 2205 SWITCH GP - PRESS & TEMP (contd.)

i01998343



GRAPHIC #1

<END>

g01031443



# ELECTRICAL AND STARTING SYSTEM

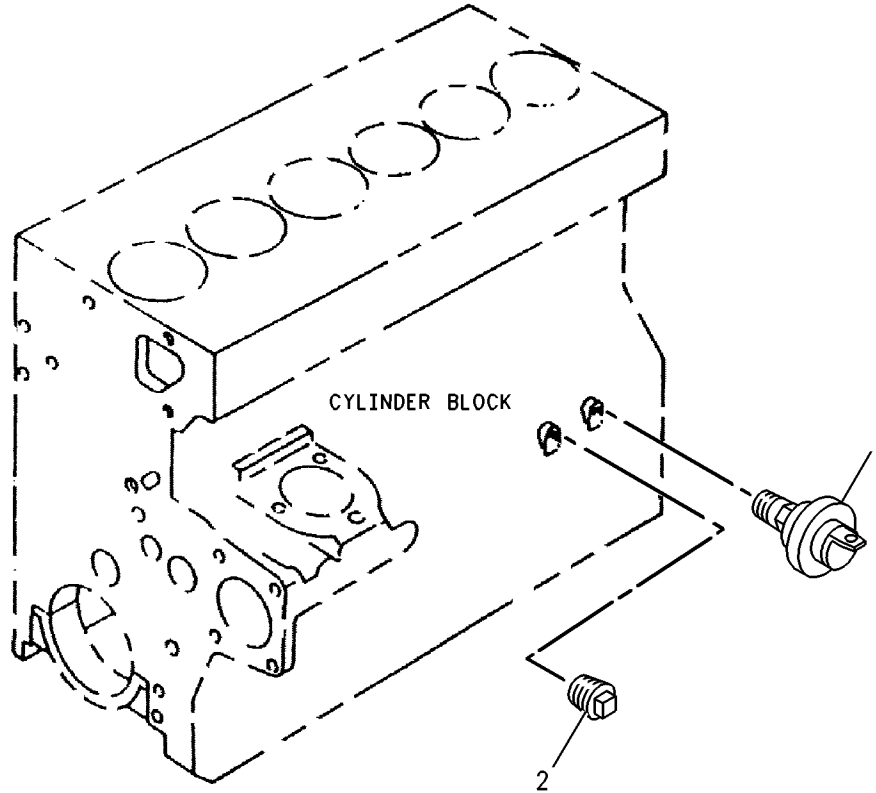
## 214-6393 SWITCH GP-PRESSURE-ENGINE OIL

S/N: GSN1-UP  
ALSO AN ATTACHMENT

SMCS-7400, 7421

i01647700

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	214-6392	1	SWITCH-PRESSURE (OIL)						
	2	1	035-8063	1	PLUG (1/8)						



GRAPHIC #1

<END>

g00855783





# ELECTRICAL AND STARTING SYSTEM

## 238 - 5624 SWITCH GP - TEMPERATURE - ENGINE OIL

S/N: SNX1-UP

AN ATTACHMENT

SMCS-7400

i01971326

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
	237-3573	1	THERMOSTAT (SUMP OIL TEMP)						

<END>



# OPERATOR STATION

## 213-1019 MOUNTING GP-CONTROL PANEL

S/N: SNX1-UP

REAR FACING

FOR USE WITH 213-1020-PAGE 286

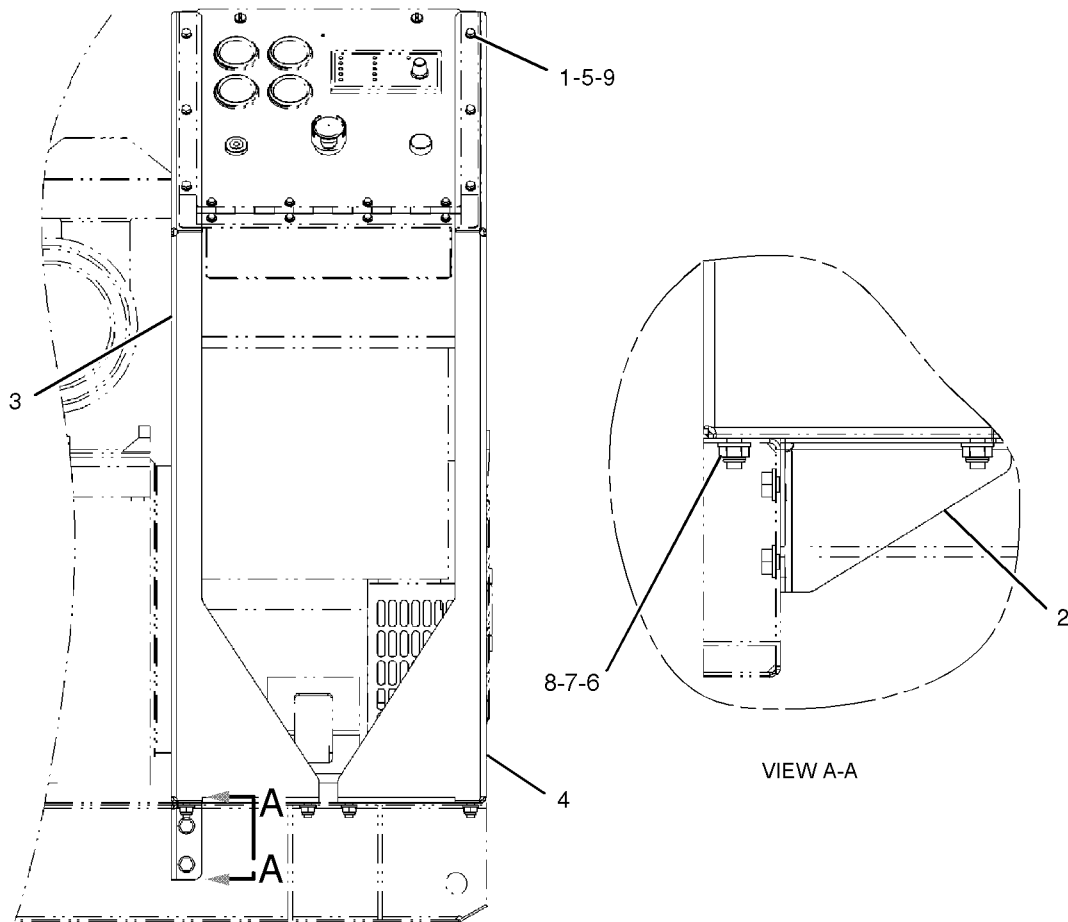
AN ATTACHMENT

SMCS-7451

i01985224

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	6V-7743	6	LOCKNUT (M6X1 THD)						
	2	1	204-9533	1	BRACKET						
	3	1	204-9534	1	SUPPORT - PANEL						
	4	1	204-9535	1	SUPPORT - PANEL						
	5	1	215-3790	6	BOLT (M6X17.5MM THD)						
M	6	1	8T-0389	8	LOCKNUT (M10X1.5 THD)						
	7	1	8T-4121	16	WASHER-HARD (11X21X2.5MM THK)						
M	8	1	8T-4136	8	BOLT (M10X1.5X25MM)						
	9	1	9X-8256	12	WASHER (6.6X12X2MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01028859



# OPERATOR STATION

## 213-1020 MOUNTING GP-CONTROL PANEL

S/N: SNX1-UP

REAR FACING

FOR USE WITH 213-1019-PAGE 285

AN ATTACHMENT

SMCS-7451

i01642193

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	6V-7743	12	LOCKNUT (M6X1 THD)						
	2	1	204-9534	1	SUPPORT-PANEL						
	3	1	204-9535	1	SUPPORT-PANEL						
	4	1	205-1118	1	PLATE						
	5	1	215-3790	12	BOLT (M6X17.5MM THD)						
M	6	1	8T-0389	6	LOCKNUT (M10X1.5 THD)						
	7	1	8T-4121	12	WASHER-HARD (11X21X2.5MM THK)						
M	8	1	8T-4136	6	BOLT (M10X1.5X25MM)						
	9	1	9X-8256	24	WASHER (6.6X12X2MM THK)						

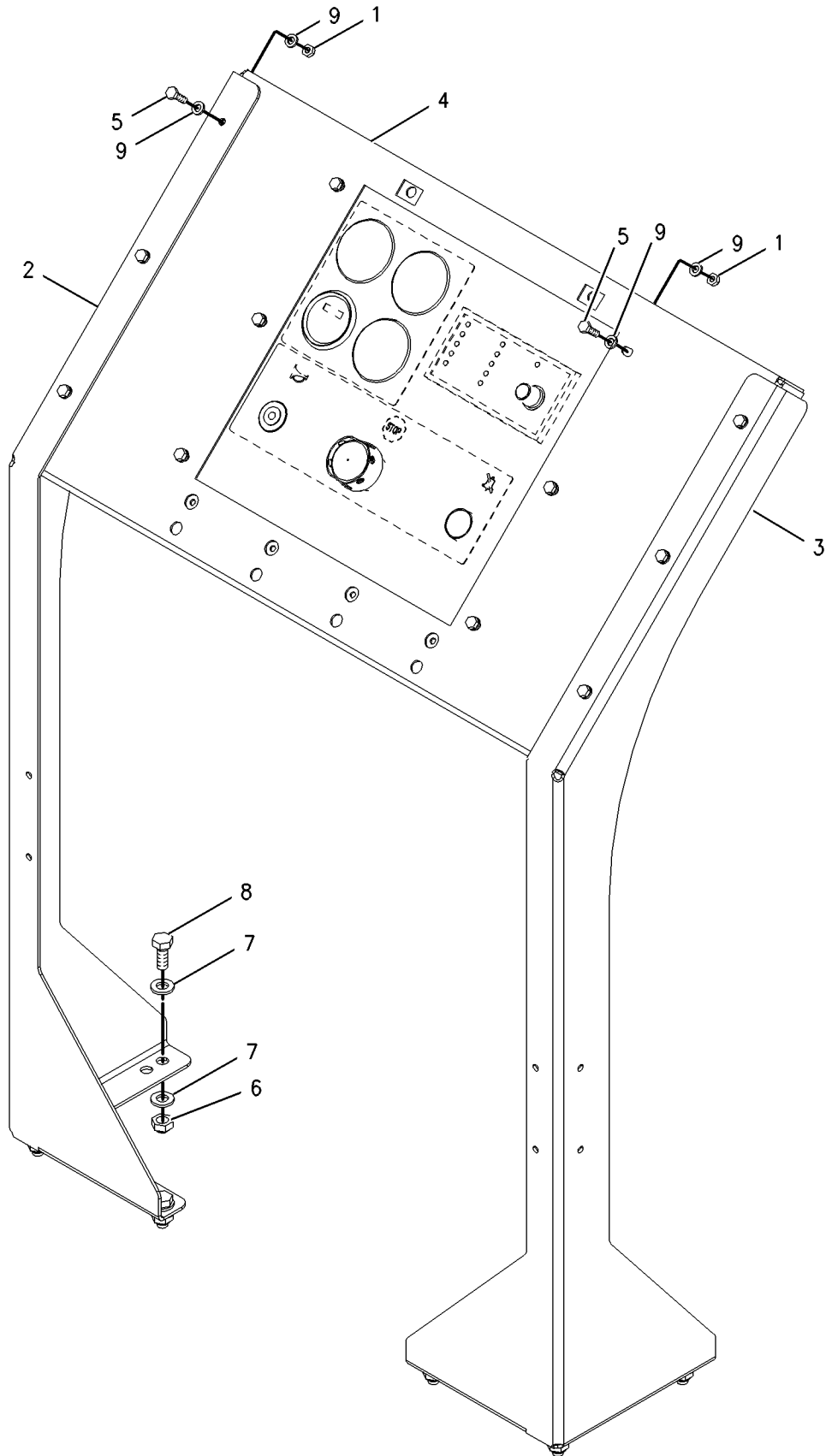
M-METRIC PART



# OPERATOR STATION

213-1020 MOUNTING GP-CONTROL PANEL (contd.)

i01642193



GRAPHIC #1

<END>

g00854519



# OPERATOR STATION

## 215-1736 MOUNTING GP-CONTROL PANEL

S/N: SNX1-UP

250MMX390MMX398MM

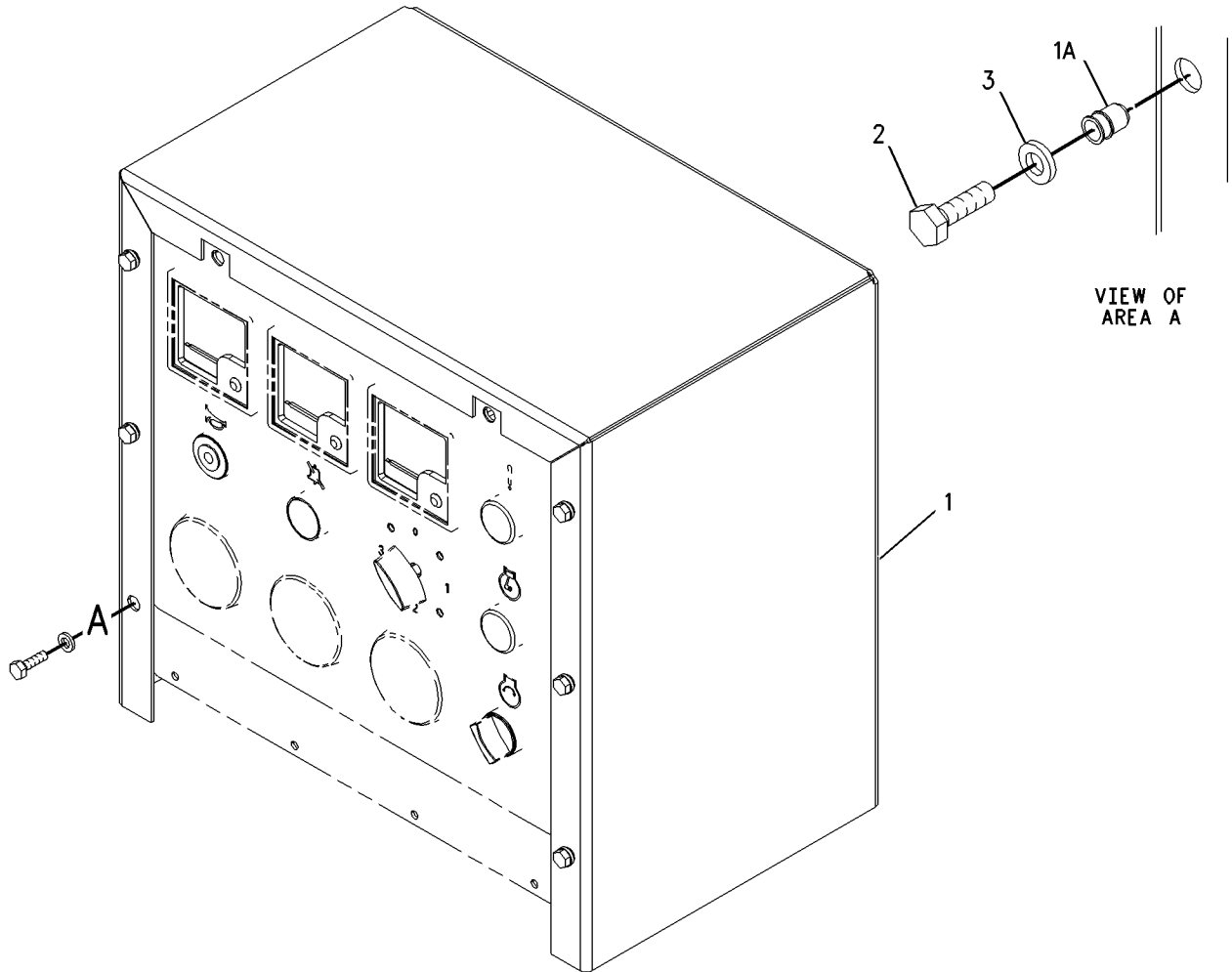
FOR USE WITH REMOTE PANELS  
AN ATTACHMENT

SMCS-7451

i01646790

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	214-5865	1	BRACKET AS						
M	1A	1	3E-4304	6	INSERT - THREADED						
M	2	1	8T-4138	6	BOLT (M6X1X20MM)						
	3	1	9X-8256	6	WASHER (6.6X12X2MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g00855056



# OPERATOR STATION

## 215-1743 MOUNTING GP - CONTROL PANEL

S/N: SNX1-UP

258MMX270MMX398MM

FOR USE WITH REMOTE PANELS

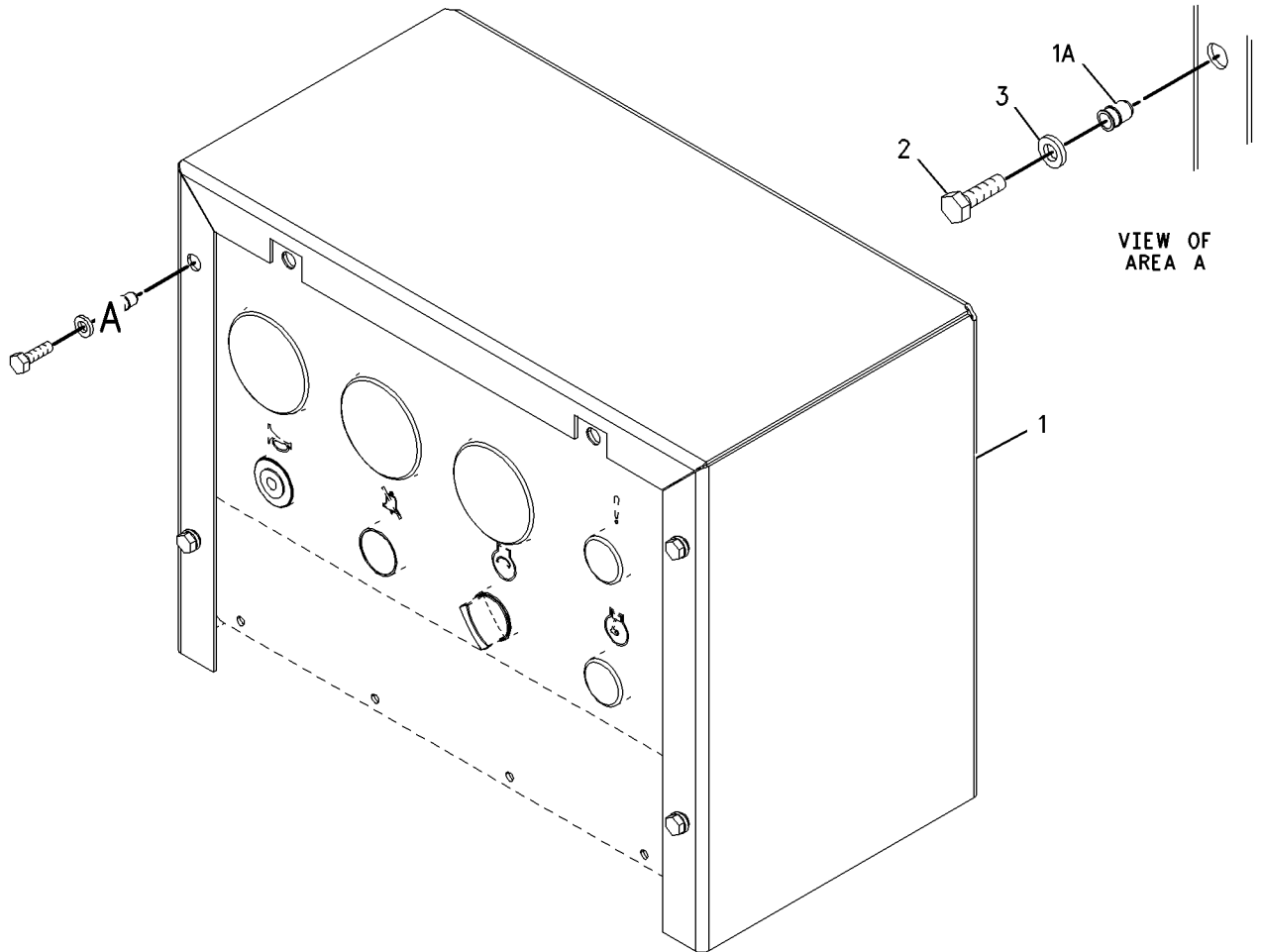
AN ATTACHMENT

SMCS-7451

i01646792

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	214-7115	1	BRACKET AS						
M	1A	1	3E-4304	4	INSERT - THREADED						
M	2	1	8T-4138	4	BOLT (M6X1X20MM)						
	3	1	9X-8256	4	WASHER (6.6X12X2MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g00855360



# OPERATOR STATION

## 212-6757 PANEL GP-CONTROL

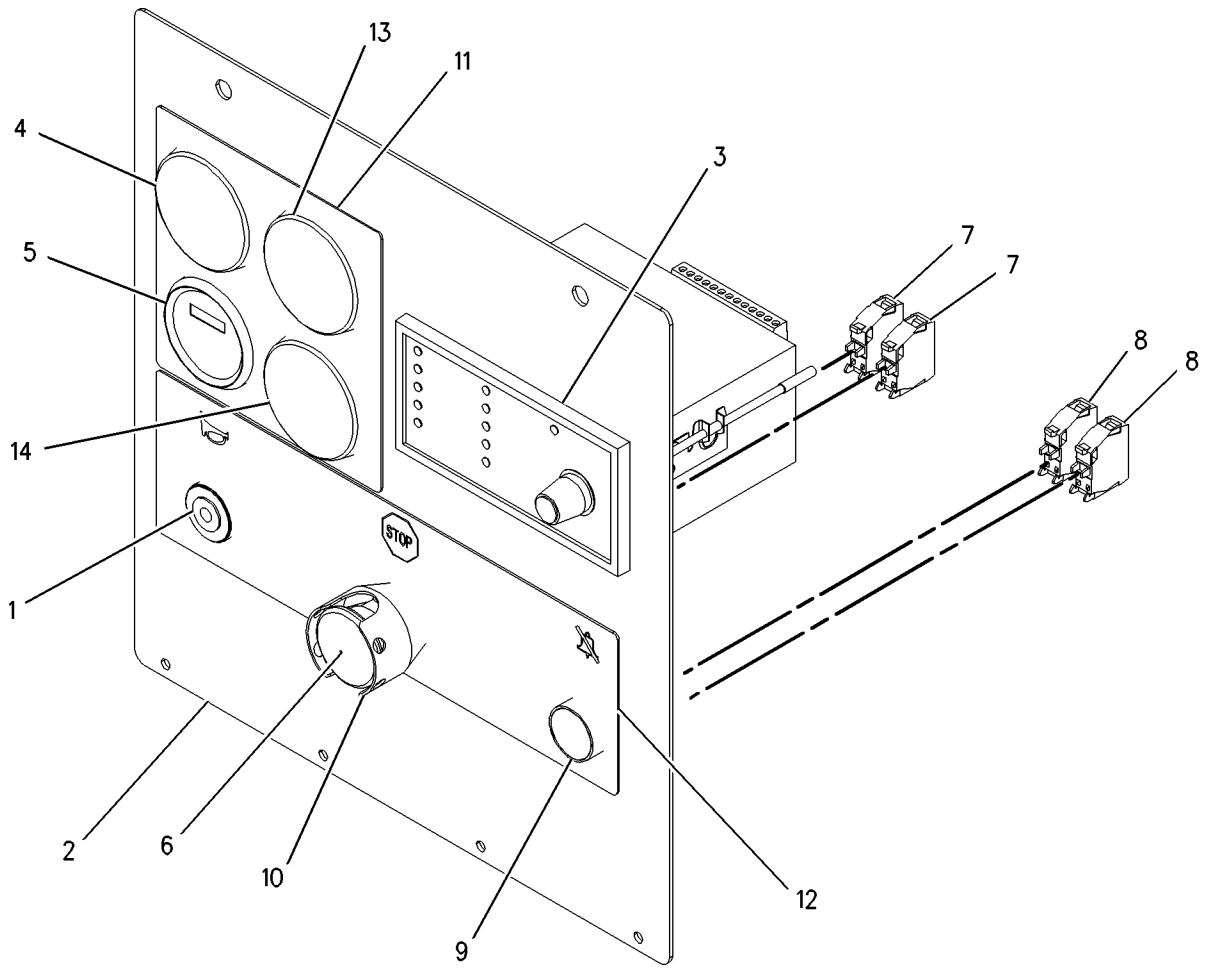
S/N: SNX1-UP

PART OF 212-6755, 212-9964 PANEL GP-ELECTRONIC  
AN ATTACHMENT

SMCS-4490, 7451

i01670591

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	143-5089	1	HORN						
	2	1	204-7843	1	DOOR AS						
	3	1	206-9503	1	MODULE - CONTROL						
	4	1	206-9504	1	GAUGE (ENGINE TEMPERATURE)						
	5	1	206-9507	1	GAUGE (HOURS)						
	6	1	206-9509	1	BUTTON - STOP						
	7	1	206-9511	2	CONTACT						
	8	1	206-9512	2	CONTACT						
	9	1	212-9862	1	BUTTON (DISABLE ALARM)						
	10	1	212-9949	1	STOP						
	11	1	213-3860	1	FILM						
	12	1	213-3861	1	FILM (STOP, HORN, BELL)						
	13	1	206-9505	1	GAUGE (PRESSURE-OIL)						
	14	1	206-9506	1	GAUGE (BATTERY VOLTAGE)						



GRAPHIC #1

<END>

g00853428



# OPERATOR STATION

## 212-6772 PANEL GP-CONTROL

S/N: SNX1-UP

PART OF 212-6758, 213-2028, 213-2031, 213-2033 PANEL GP-ELECTRONIC  
AN ATTACHMENT

SMCS-4490, 7451

i01648475

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	143-5089	1	HORN						
	2	1	206-8676	1	DOOR AS						
	3	1	206-9509	1	BUTTON-STOP						
	4	1	206-9511	2	CONTACT						
	5	1	206-9512	2	CONTACT						
	6	1	212-9862	1	BUTTON (DISABLE ALARM) (BELL)						
	7	1	212-9949	1	STOP						
	8	1	213-0014	1	MODULE-CONTROL						
	9	1	213-4242	1	FILM (STOP, HORN, BELL)						

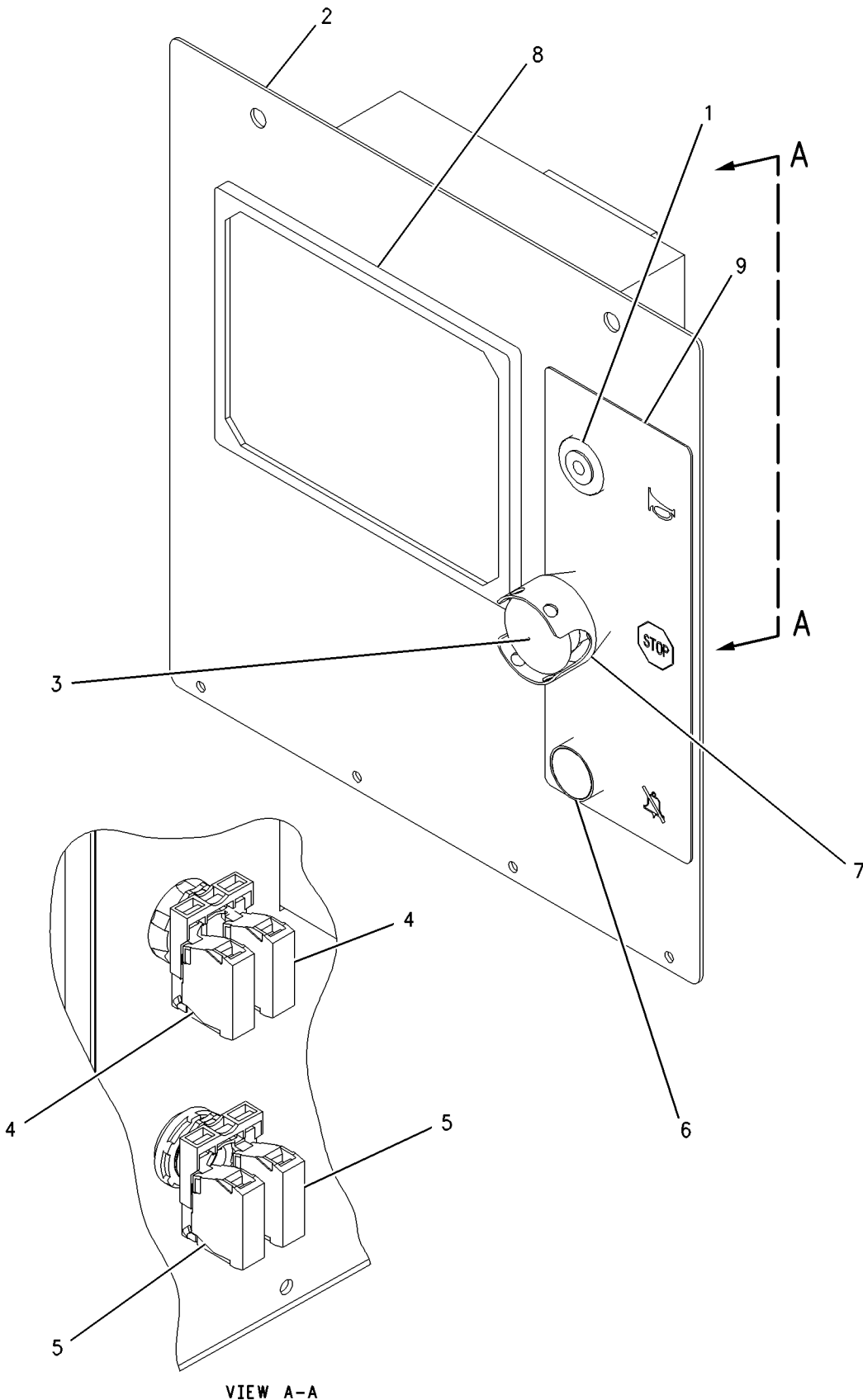




# OPERATOR STATION

212-6772 PANEL GP-CONTROL (contd.)

i01648475



GRAPHIC #1

<END>

g00853132



# OPERATOR STATION

## 212-6774 PANEL GP-CONTROL

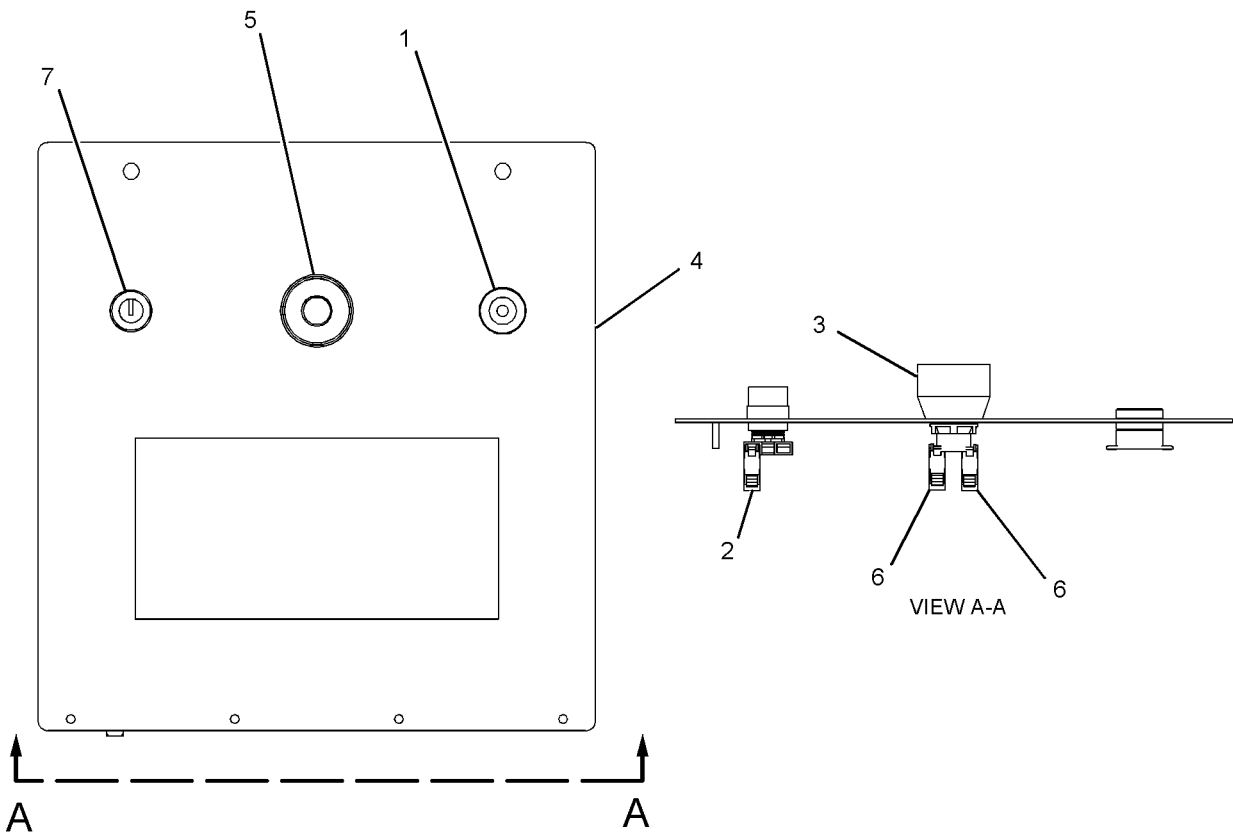
S/N: SNX1-UP

PART OF 232-7300 PANEL GP-ELECTRONIC  
AN ATTACHMENT

SMCS-4490, 7451

i01992004

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	143-5089	1	HORN						
	2	1	206-9512	1	CONTACT						
	3	1	212-9949	1	STOP						
	4	1	226-4131	1	DOOR AS						
	5	1	226-6446	1	SWITCH						
	6	1	228-6935	2	BLOCK-CONTACT						
	7	1	240-7629	1	SWITCH AS						



GRAPHIC #1

<END>

g01032746



# OPERATOR STATION

## 212-9833 DOOR GP-ELECTRONIC

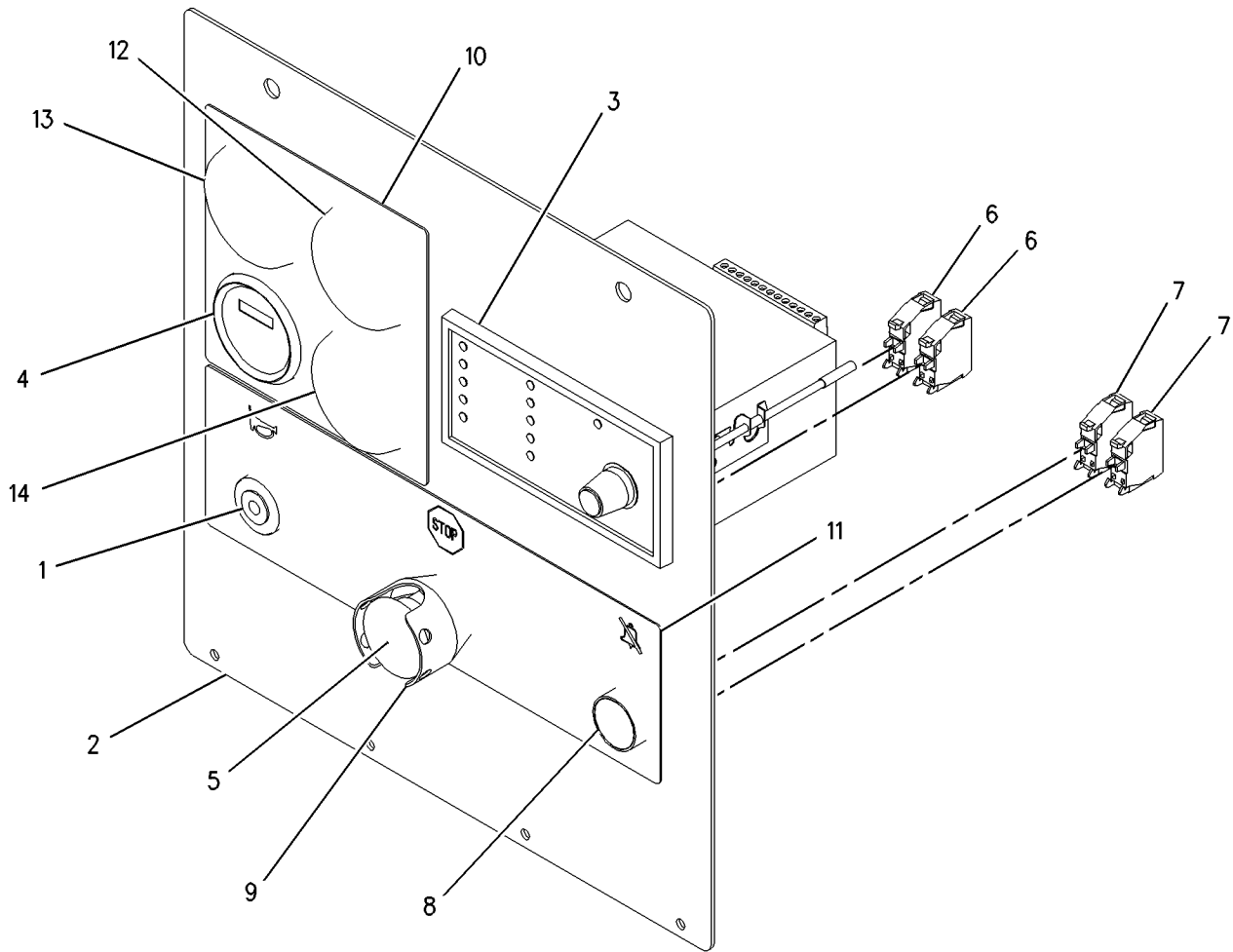
S/N: SNX1-UP

PART OF 212-9965, 212-9966 PANEL GP-ELECTRONIC  
AN ATTACHMENT

SMCS-4490, 7451

i01670580

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	143-5089	1	HORN						
	2	1	204-7843	1	DOOR AS						
	3	1	206-9503	1	MODULE - CONTROL						
	4	1	206-9507	1	GAUGE (HOURS)						
	5	1	206-9509	1	BUTTON - STOP						
	6	1	206-9511	2	CONTACT						
	7	1	206-9512	2	CONTACT						
	8	1	212-9862	1	BUTTON (DISABLE ALARM) (BELL)						
	9	1	212-9949	1	STOP						
	10	1	213-3860	1	FILM						
	11	1	213-3861	1	FILM (STOP, HORN, BELL)						
	12	1	212-9835	1	GAUGE (PRESSURE) (OIL)						
	13	1	213-2527	1	GAUGE (TEMP) (ENGINE)						
	14	1	213-2528	1	GAUGE (VOLTS) (BATTERY)						



GRAPHIC #1

<END>

g00854092



# OPERATOR STATION

## 214-4614 PANEL GP-CONTROL

S/N: SNX1-UP

PART OF 214-4613 PANEL GP-ELECTRONIC  
AN ATTACHMENT

SMCS-4490, 7451

i01670888

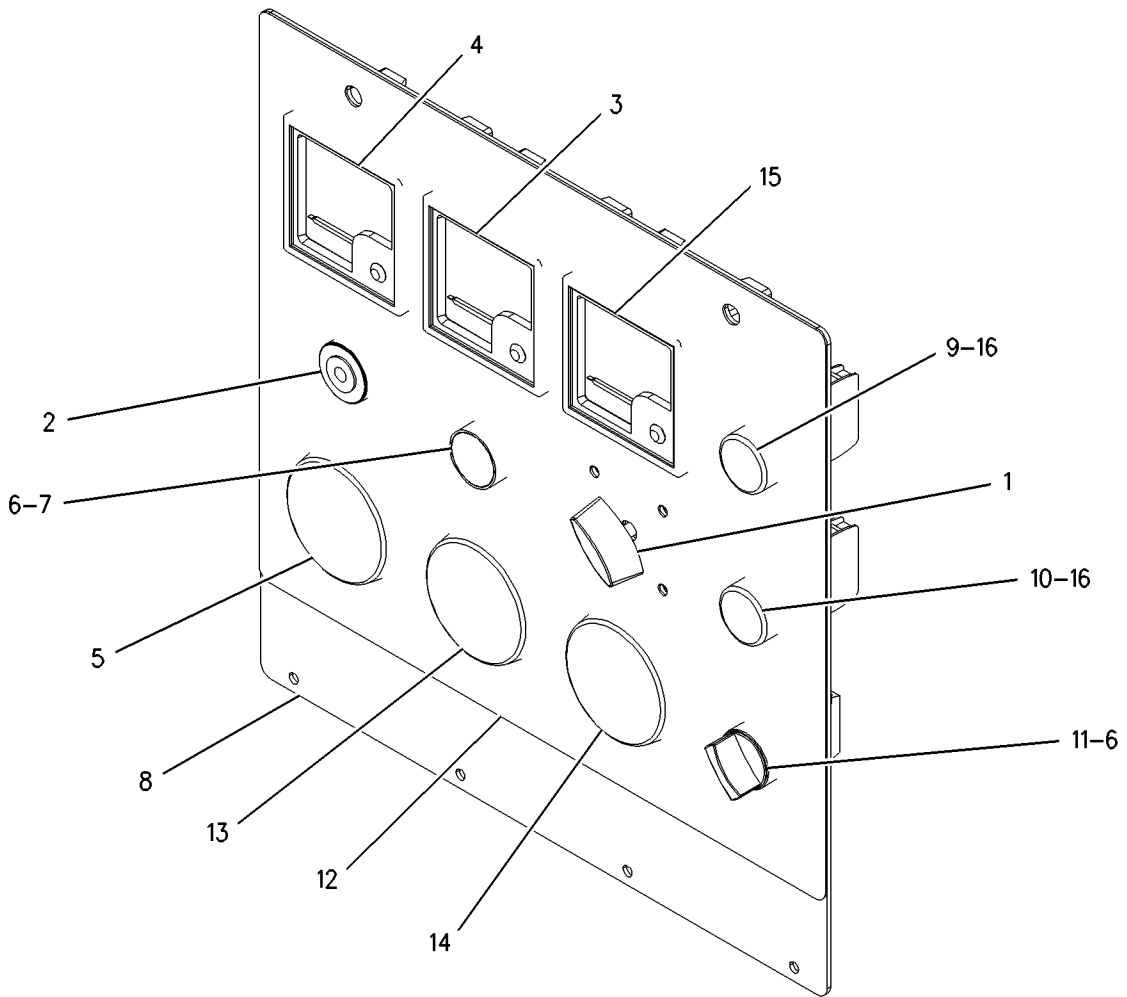
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3N-5976	1	SWITCH (PHASE SELECTOR)						
	2	1	143-5089	1	HORN						
	3	1	183-5648	1	VOLTMETER						
	4	1	183-5652	1	METER-FREQUENCY						
	5	1	206-9504	1	GAUGE (ENGINE TEMPERATURE)						
	6	1	206-9511	2	CONTACT						
	7	1	212-9862	1	BUTTON (DISABLE ALARM)						
	8	1	214-4611	1	DOOR AS						
	9	1	214-5789	1	LAMP GP (YELLOW COMMON ALARM)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6828	1	HOLDER-LAMP						
10	1	1	214-5790	1	LAMP GP (GREEN GENERATOR RUNNING)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6830	1	HOLDER-LAMP						
	11	1	214-5791	1	SWITCH AS (REMOTE START)						
	12	1	214-7397	1	FILM (HORN, BELL)						
	13	1	206-9505	1	GAUGE (PRESSURE-OIL)						
	14	1	206-9506	1	GAUGE (BATTERY VOLTAGE)						
	15	1	214-5787	1	AMMETER						
	16	1	2N-2372	2	LAMP (12 VOLT) (MULTIPLE USE PANEL)						



# OPERATOR STATION

214-4614 PANEL GP-CONTROL (contd.)

i01670888



GRAPHIC #1

<END>

g00854488



# OPERATOR STATION

## 214-5885 PANEL GP-CONTROL

S/N: SNX1-UP

PART OF 214-5872 PANEL GP-ELECTRONIC  
AN ATTACHMENT

SMCS-4490, 7451

i01670575

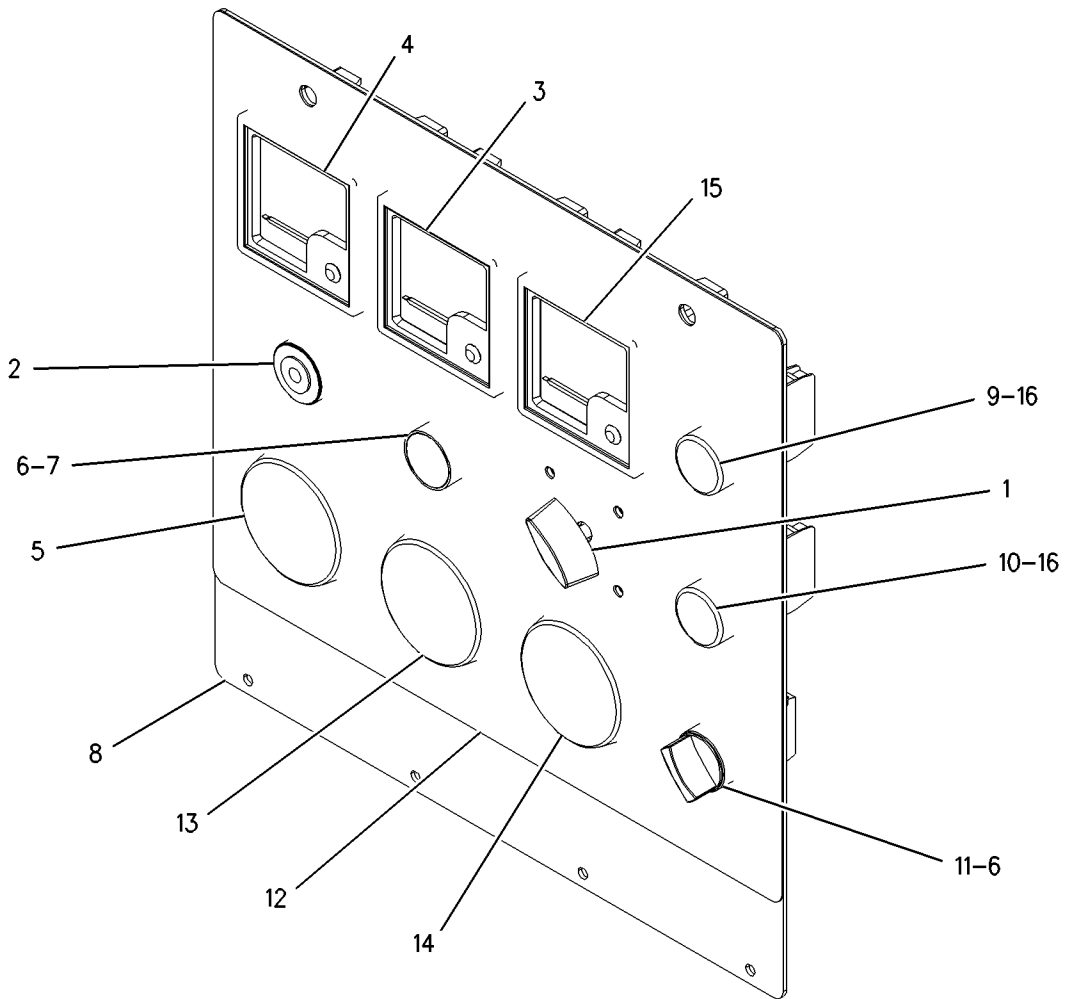
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3N-5976	1	SWITCH (PHASE SELECTOR)						
	2	1	143-5089	1	HORN						
	3	1	183-5648	1	VOLTMETER						
	4	1	183-5652	1	METER-FREQUENCY						
	5	1	206-9504	1	GAUGE (ENGINE TEMPERATURE)						
	6	1	206-9511	2	CONTACT						
	7	1	212-9862	1	BUTTON (DISABLE ALARM)						
	8	1	214-4611	1	DOOR AS						
	9	1	214-5789	1	LAMP GP (YELLOW COMMON ALARM)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6828	1	HOLDER-LAMP						
10	1	1	214-5790	1	LAMP GP (GREEN GENERATOR RUNNING)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6830	1	HOLDER-LAMP						
	11	1	214-5791	1	SWITCH AS (REMOTE START)						
	12	1	214-7397	1	FILM (HORN, BELL)						
	13	1	206-9505	1	GAUGE (PRESSURE-OIL)						
	14	1	206-9506	1	GAUGE (BATTERY VOLTAGE)						
	15	1	214-5788	1	AMMETER						
	16	1	2N-2372	2	LAMP (12 VOLT) (MULTIPLE USE PANEL)						



# OPERATOR STATION

214-5885 PANEL GP-CONTROL (contd.)

i01670575



GRAPHIC #1

<END>

g00854442



# OPERATOR STATION

## 214-5886 PANEL GP-CONTROL

S/N: SNX1-UP

PART OF 214-5873 PANEL GP-ELECTRONIC  
AN ATTACHMENT

SMCS-4490, 7451

i01670574

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3N-5976	1	SWITCH (PHASE SELECTOR)						
	2	1	143-5089	1	HORN						
	3	1	183-5648	1	VOLTMETER						
	4	1	183-5652	1	METER-FREQUENCY						
	5	1	206-9504	1	GAUGE (ENGINE TEMPERATURE)						
	6	1	206-9511	2	CONTACT						
	7	1	212-9862	1	BUTTON (DISABLE ALARM)						
	8	1	214-4611	1	DOOR AS						
	9	1	214-5789	1	LAMP GP (YELLOW COMMON ALARM)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6828	1	HOLDER-LAMP						
	10	1	214-5790	1	LAMP GP (GREEN GENERATOR RUNNING)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6830	1	HOLDER-LAMP						
	11	1	214-5791	1	SWITCH AS (REMOTE START)						
	12	1	214-7397	1	FILM (HORN, BELL)						
	13	1	183-5642	1	AMMETER						
	14	1	206-9505	1	GAUGE (PRESSURE-OIL)						
	15	1	206-9506	1	GAUGE (BATTERY VOLTAGE)						
	16	1	2N-2372	2	LAMP (12 VOLT) (MULTIPLE USE PANEL)						

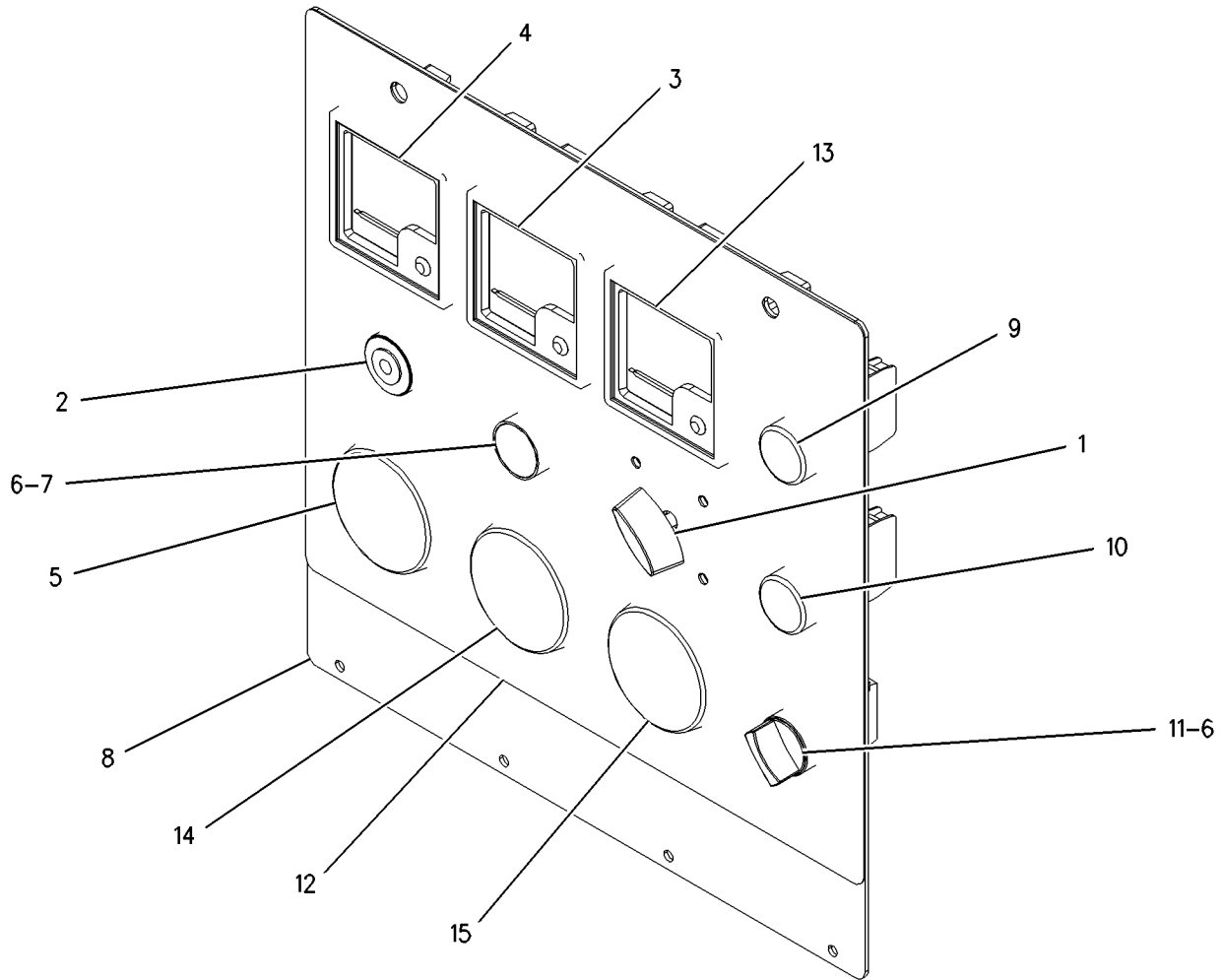




# OPERATOR STATION

214-5886 PANEL GP-CONTROL (contd.)

i01670574



GRAPHIC #1

<END>

g00854416



# OPERATOR STATION

## 214-5887 PANEL GP-CONTROL

S/N: SNX1-UP

PART OF 214-5874 PANEL GP-ELECTRONIC  
AN ATTACHMENT

SMCS-4490, 7451

i01670892

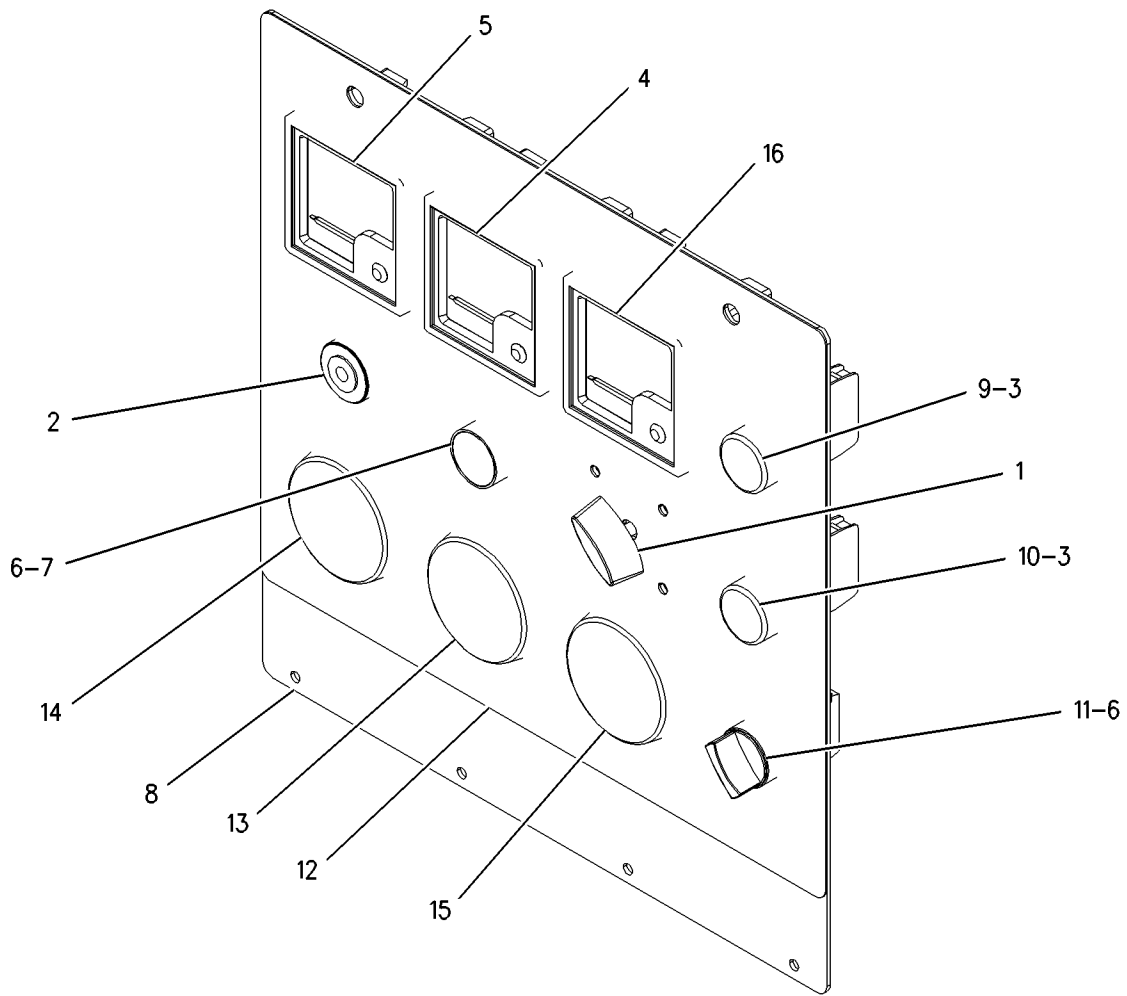
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3N-5976	1	SWITCH (PHASE SELECTOR)						
	2	1	143-5089	1	HORN						
	3	1	169-4500	2	LAMP (MULTIPLE USE PANEL) (24V)						
	4	1	183-5648	1	VOLTMETER						
	5	1	183-5652	1	METER-FREQUENCY						
	6	1	206-9511	2	CONTACT						
	7	1	212-9862	1	BUTTON (DISABLE ALARM)						
	8	1	214-4611	1	DOOR AS						
	9	1	214-5789	1	LAMP GP (YELLOW COMMON ALARM)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6828	1	HOLDER-LAMP						
10	1	1	214-5790	1	LAMP GP (GREEN GENERATOR RUNNING)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6830	1	HOLDER-LAMP						
11	1	1	214-5791	1	SWITCH AS (REMOTE START)						
12	1	1	214-7397	1	FILM (HORN, BELL)						
13	1	1	212-9835	1	GAUGE (PRESSURE) (OIL)						
14	1	1	213-2527	1	GAUGE (TEMP) (ENGINE)						
15	1	1	213-2528	1	GAUGE (VOLTS) (BATTERY)						
16	1	1	214-5787	1	AMMETER						



# OPERATOR STATION

214-5887 PANEL GP-CONTROL (contd.)

i01670892



GRAPHIC #1

<END>

g00854432



# OPERATOR STATION

## 214-5888 PANEL GP-CONTROL

S/N: SNX1-UP

PART OF 214-5875 PANEL GP-ELECTRONIC  
AN ATTACHMENT

SMCS-4490, 7451

i01670573

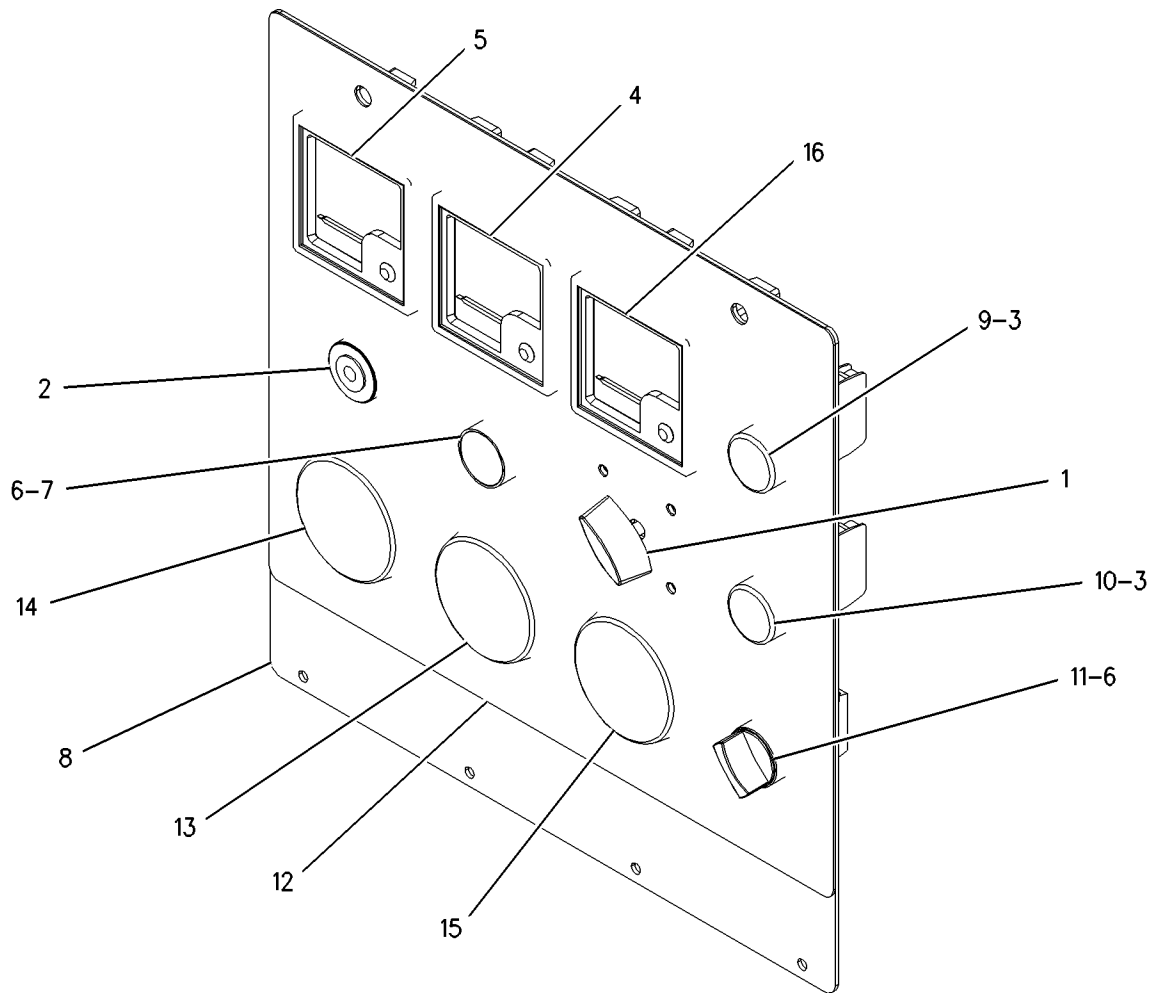
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3N-5976	1	SWITCH (PHASE SELECTOR)						
	2	1	143-5089	1	HORN						
	3	1	169-4500	2	LAMP (MULTIPLE USE PANEL) (24V)						
	4	1	183-5648	1	VOLTMETER						
	5	1	183-5652	1	METER-FREQUENCY						
	6	1	206-9511	2	CONTACT						
	7	1	212-9862	1	BUTTON (DISABLE ALARM)						
	8	1	214-4611	1	DOOR AS						
	9	1	214-5789	1	LAMP GP (YELLOW COMMON ALARM)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6828	1	HOLDER-LAMP						
10	1	1	214-5790	1	LAMP GP (GREEN GENERATOR RUNNING)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6830	1	HOLDER-LAMP						
11	1	1	214-5791	1	SWITCH AS (REMOTE START)						
12	1	1	214-7397	1	FILM (HORN, BELL)						
13	1	1	212-9835	1	GAUGE (PRESSURE) (OIL)						
14	1	1	213-2527	1	GAUGE (TEMP) (ENGINE)						
15	1	1	213-2528	1	GAUGE (VOLTS) (BATTERY)						
16	1	1	214-5788	1	AMMETER						



# OPERATOR STATION

214-5888 PANEL GP-CONTROL (contd.)

i01670573



GRAPHIC #1

<END>

g00854402



# OPERATOR STATION

## 214-5889 PANEL GP-CONTROL

S/N: SNX1-UP

PART OF 214-5876 PANEL GP-ELECTRONIC  
AN ATTACHMENT

SMCS-4490, 7451

i01670572

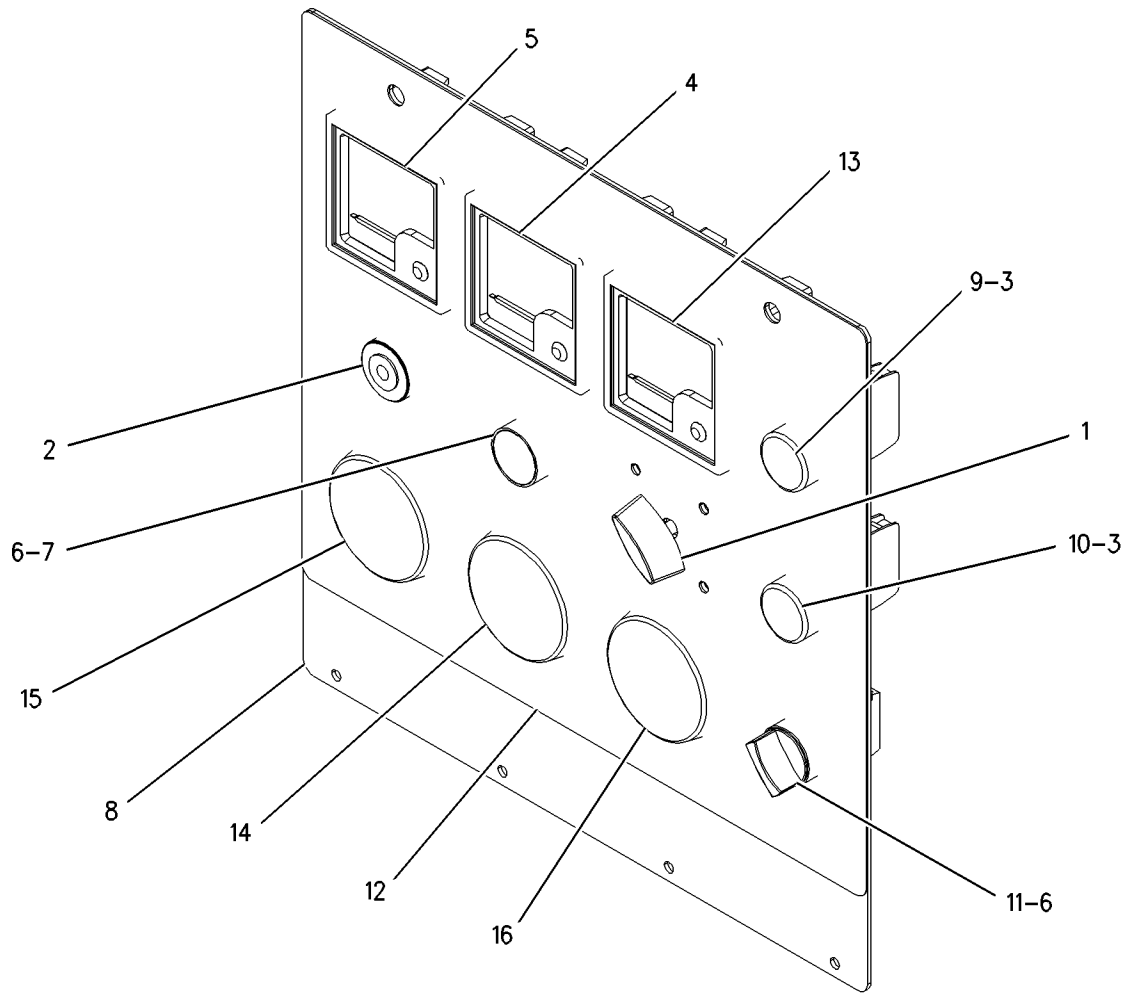
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3N-5976	1	SWITCH (PHASE SELECTOR)						
	2	1	143-5089	1	HORN						
	3	1	169-4500	2	LAMP (MULTIPLE USE PANEL) (24V)						
	4	1	183-5648	1	VOLTMETER						
	5	1	183-5642	1	AMMETER						
	6	1	206-9511	2	CONTACT						
	7	1	212-9862	1	BUTTON (DISABLE ALARM)						
	8	1	214-4611	1	DOOR AS						
	9	1	214-5789	1	LAMP GP (YELLOW COMMON ALARM)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6828	1	HOLDER-LAMP						
10	1	1	214-5790	1	LAMP GP (GREEN GENERATOR RUNNING)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6830	1	HOLDER-LAMP						
11	1	1	214-5791	1	SWITCH AS (REMOTE START)						
12	1	1	214-7397	1	FILM (HORN, BELL)						
13	1	1	183-5652	1	METER-FREQUENCY						
14	1	1	212-9835	1	GAUGE (PRESSURE) (OIL)						
15	1	1	213-2527	1	GAUGE (TEMP) (ENGINE)						
16	1	1	213-2528	1	GAUGE (VOLTS) (BATTERY)						



# OPERATOR STATION

214-5889 PANEL GP-CONTROL (contd.)

i01670572



GRAPHIC #1

<END>

g00854387



# OPERATOR STATION

## 214-5890 PANEL GP-CONTROL

S/N: SNX1-UP

PART OF 214-5877 PANEL GP-ELECTRONIC  
AN ATTACHMENT

SMCS-4490, 7451

i01670569

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3N-5976	1	SWITCH (PHASE SELECTOR)						
	2	1	143-5089	1	HORN						
	3	1	183-5652	1	METER-FREQUENCY						
	4	1	206-9504	1	GAUGE (ENGINE TEMPERATURE)						
	5	1	206-9511	2	CONTACT						
	6	1	212-9862	1	BUTTON (DISABLE ALARM)						
	7	1	214-4611	1	DOOR AS						
	8	1	214-5789	1	LAMP GP (YELLOW COMMON ALARM)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6828	1	HOLDER-LAMP						
	9	1	214-5790	1	LAMP GP (GREEN GENERATOR RUNNING)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6830	1	HOLDER-LAMP						
	10	1	214-5791	1	SWITCH AS (REMOTE START)						
	11	1	214-7397	1	FILM (HORN, BELL)						
	12	1	183-5651	1	VOLTMETER						
	13	1	206-9505	1	GAUGE (PRESSURE-OIL)						
	14	1	206-9506	1	GAUGE (BATTERY VOLTAGE)						
	15	1	214-5786	1	AMMETER						
	16	1	2N-2372	2	LAMP (12 VOLT) (MULTIPLE USE PANEL)						

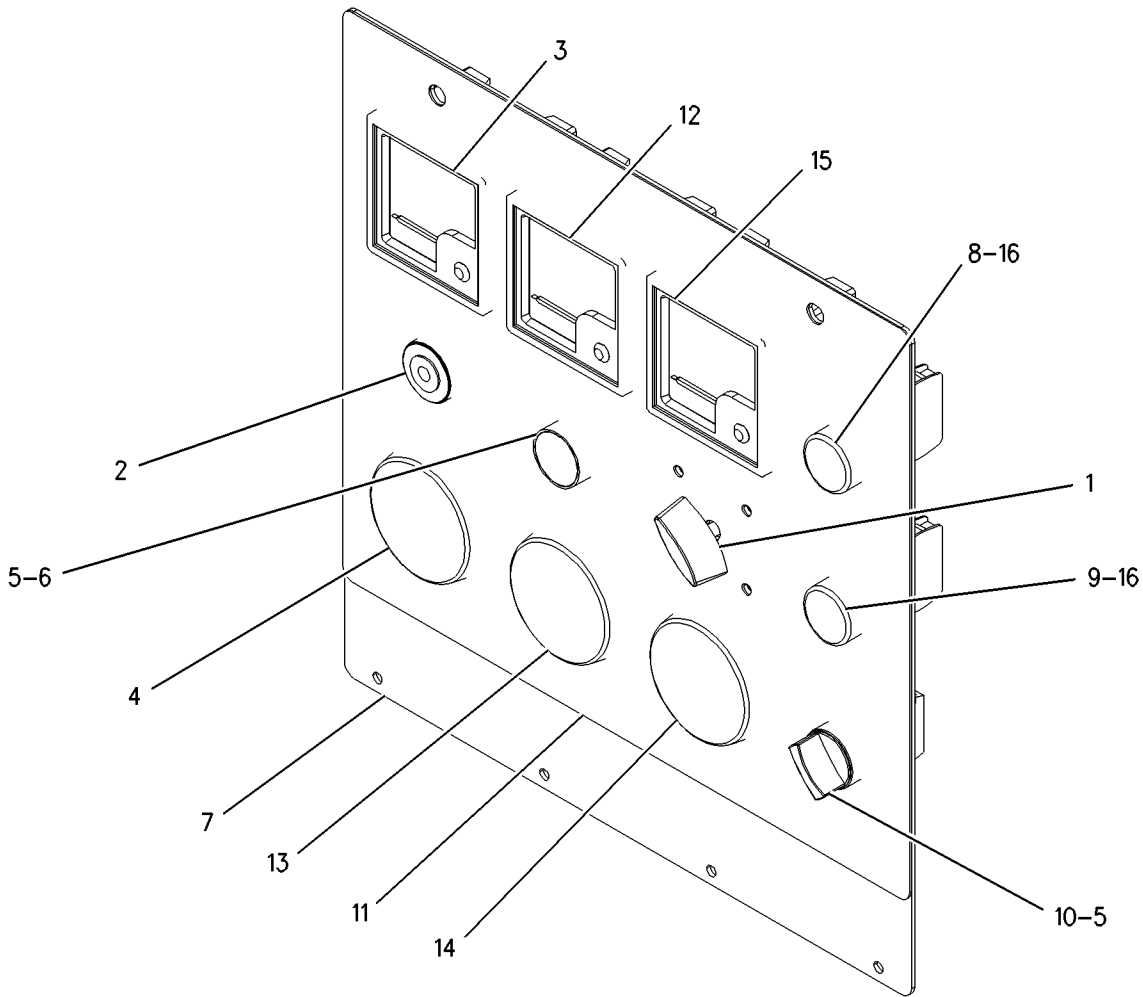




# OPERATOR STATION

214-5890 PANEL GP-CONTROL (contd.)

i01670569



GRAPHIC #1

<END>

g00854372



# OPERATOR STATION

## 214-5891 PANEL GP-CONTROL

S/N: SNX1-UP

PART OF 214-5878 PANEL GP-ELECTRONIC  
AN ATTACHMENT

SMCS-4490, 7451

i01670896

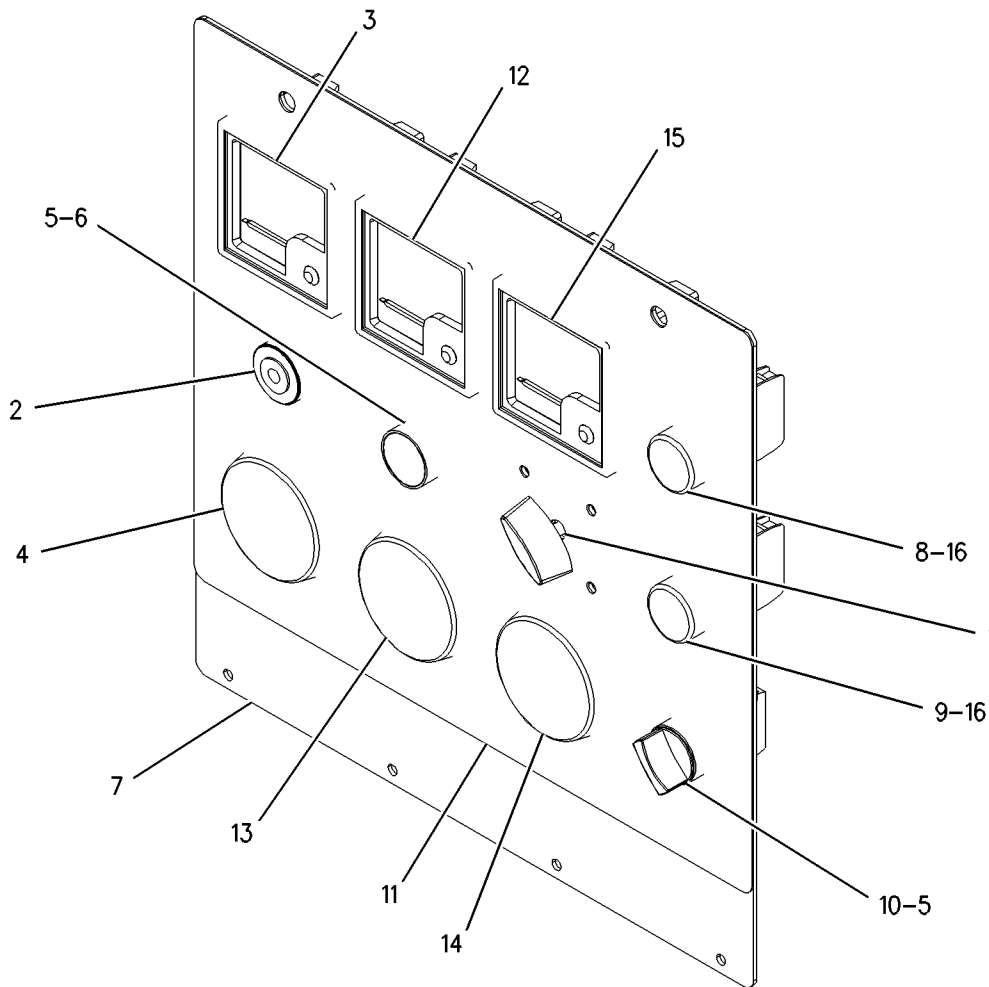
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3N-5976	1	SWITCH (PHASE SELECTOR)						
	2	1	143-5089	1	HORN						
	3	1	183-5652	1	METER-FREQUENCY						
	4	1	206-9504	1	GAUGE (ENGINE TEMPERATURE)						
	5	1	206-9511	2	CONTACT						
	6	1	212-9862	1	BUTTON (DISABLE ALARM)						
	7	1	214-4611	1	DOOR AS						
	8	1	214-5789	1	LAMP GP (YELLOW COMMON ALARM)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6828	1	HOLDER-LAMP						
	9	1	214-5790	1	LAMP GP (GREEN GENERATOR RUNNING)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6830	1	HOLDER-LAMP						
	10	1	214-5791	1	SWITCH AS (REMOTE START)						
	11	1	214-7397	1	FILM (HORN, BELL)						
	12	1	183-5651	1	VOLTMETER						
	13	1	206-9505	1	GAUGE (PRESSURE-OIL)						
	14	1	206-9506	1	GAUGE (BATTERY VOLTAGE)						
	15	1	214-5787	1	AMMETER						
	16	1	2N-2372	2	LAMP (12 VOLT) (MULTIPLE USE PANEL)						



# OPERATOR STATION

214-5891 PANEL GP-CONTROL (contd.)

i01670896



GRAPHIC #1

<END>

g00854206



# OPERATOR STATION

## 214-5892 PANEL GP-CONTROL

S/N: SNX1-UP

PART OF 214-5879 PANEL GP-ELECTRONIC  
AN ATTACHMENT

SMCS-4490, 7451

i01670568

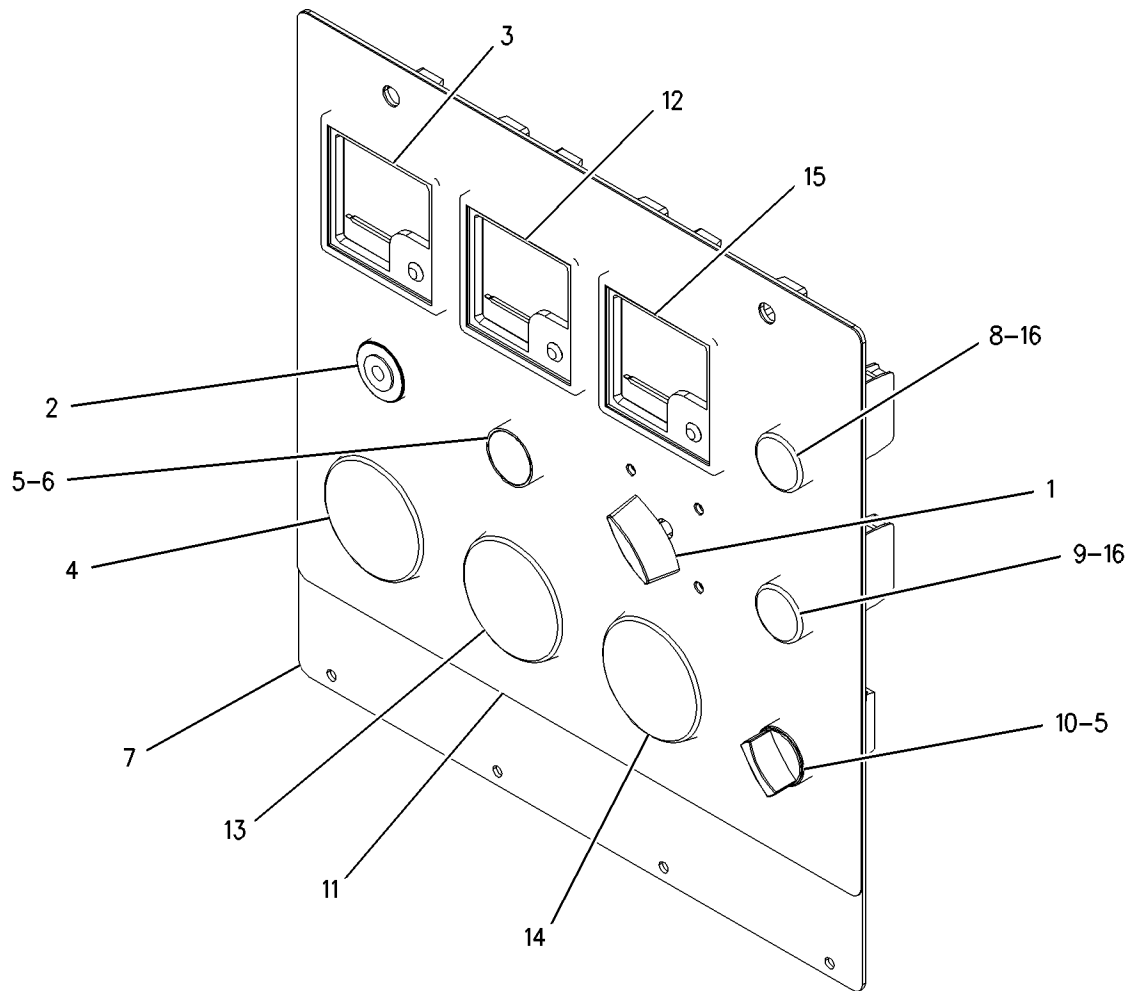
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3N-5976	1	SWITCH (PHASE SELECTOR)						
	2	1	143-5089	1	HORN						
	3	1	183-5652	1	METER-FREQUENCY						
	4	1	206-9504	1	GAUGE (ENGINE TEMPERATURE)						
	5	1	206-9511	2	CONTACT						
	6	1	212-9862	1	BUTTON (DISABLE ALARM)						
	7	1	214-4611	1	DOOR AS						
	8	1	214-5789	1	LAMP GP (YELLOW COMMON ALARM)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6828	1	HOLDER-LAMP						
	9	1	214-5790	1	LAMP GP (GREEN GENERATOR RUNNING)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6830	1	HOLDER-LAMP						
	10	1	214-5791	1	SWITCH AS (REMOTE START)						
	11	1	214-7397	1	FILM (HORN, BELL)						
	12	1	183-5651	1	VOLTMETER						
	13	1	206-9505	1	GAUGE (PRESSURE-OIL)						
	14	1	206-9506	1	GAUGE (BATTERY VOLTAGE)						
	15	1	214-5788	1	AMMETER						
	16	1	2N-2372	2	LAMP (12 VOLT) (MULTIPLE USE PANEL)						



# OPERATOR STATION

214-5892 PANEL GP-CONTROL (contd.)

i01670568



GRAPHIC #1

<END>

g00854509



# OPERATOR STATION

## 214-5894 PANEL GP-CONTROL

S/N: SNX1-UP

PART OF 214-5880 PANEL GP-ELECTRONIC  
AN ATTACHMENT

SMCS-4490, 7451

i01670898

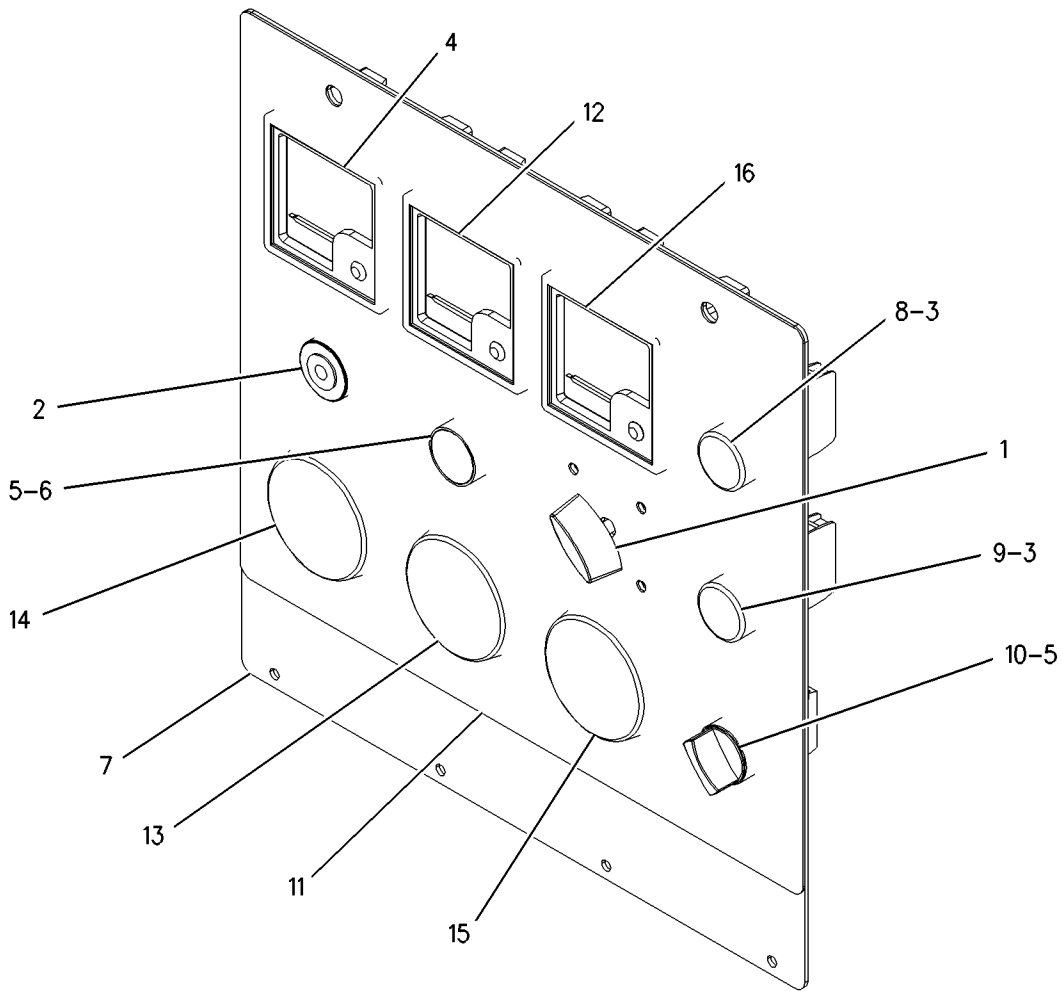
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3N-5976	1	SWITCH (PHASE SELECTOR)						
	2	1	143-5089	1	HORN						
	3	1	169-4500	2	LAMP (MULTIPLE USE PANEL) (24V)						
	4	1	183-5652	1	METER-FREQUENCY						
	5	1	206-9511	2	CONTACT						
	6	1	212-9862	1	BUTTON (DISABLE ALARM)						
	7	1	214-4611	1	DOOR AS						
	8	1	214-5789	1	LAMP GP (YELLOW COMMON ALARM)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6828	1	HOLDER-LAMP						
	9	1	214-5790	1	LAMP GP (GREEN GENERATOR RUNNING)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6830	1	HOLDER-LAMP						
	10	1	214-5791	1	SWITCH AS (REMOTE START)						
	11	1	214-7397	1	FILM (HORN, BELL)						
	12	1	183-5651	1	VOLTMETER						
	13	1	212-9835	1	GAUGE (PRESSURE) (OIL)						
	14	1	213-2527	1	GAUGE (TEMP) (ENGINE)						
	15	1	213-2528	1	GAUGE (VOLTS) (BATTERY)						
	16	1	214-5786	1	AMMETER						



# OPERATOR STATION

214-5894 PANEL GP-CONTROL (contd.)

i01670898



GRAPHIC #1

<END>

g00854498



# OPERATOR STATION

## 214-5895 PANEL GP-CONTROL

S/N: SNX1-UP

PART OF 214-5881 PANEL GP-ELECTRONIC  
AN ATTACHMENT

SMCS-4490, 7451

i01670567

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3N-5976	1	SWITCH (PHASE SELECTOR)						
	2	1	143-5089	1	HORN						
	3	1	169-4500	2	LAMP (MULTIPLE USE PANEL) (24V)						
	4	1	183-5652	1	METER-FREQUENCY						
	5	1	206-9511	2	CONTACT						
	6	1	212-9862	1	BUTTON (DISABLE ALARM)						
	7	1	214-4611	1	DOOR AS						
	8	1	214-5789	1	LAMP GP (YELLOW COMMON ALARM)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6828	1	HOLDER-LAMP						
	9	1	214-5790	1	LAMP GP (GREEN GENERATOR RUNNING)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6830	1	HOLDER-LAMP						
	10	1	214-5791	1	SWITCH AS (REMOTE START)						
	11	1	214-7397	1	FILM (HORN, BELL)						
	12	1	183-5651	1	VOLTMETER						
	13	1	212-9835	1	GAUGE (PRESSURE) (OIL)						
	14	1	213-2527	1	GAUGE (TEMP) (ENGINE)						
	15	1	213-2528	1	GAUGE (VOLTS) (BATTERY)						
	16	1	214-5787	1	AMMETER						

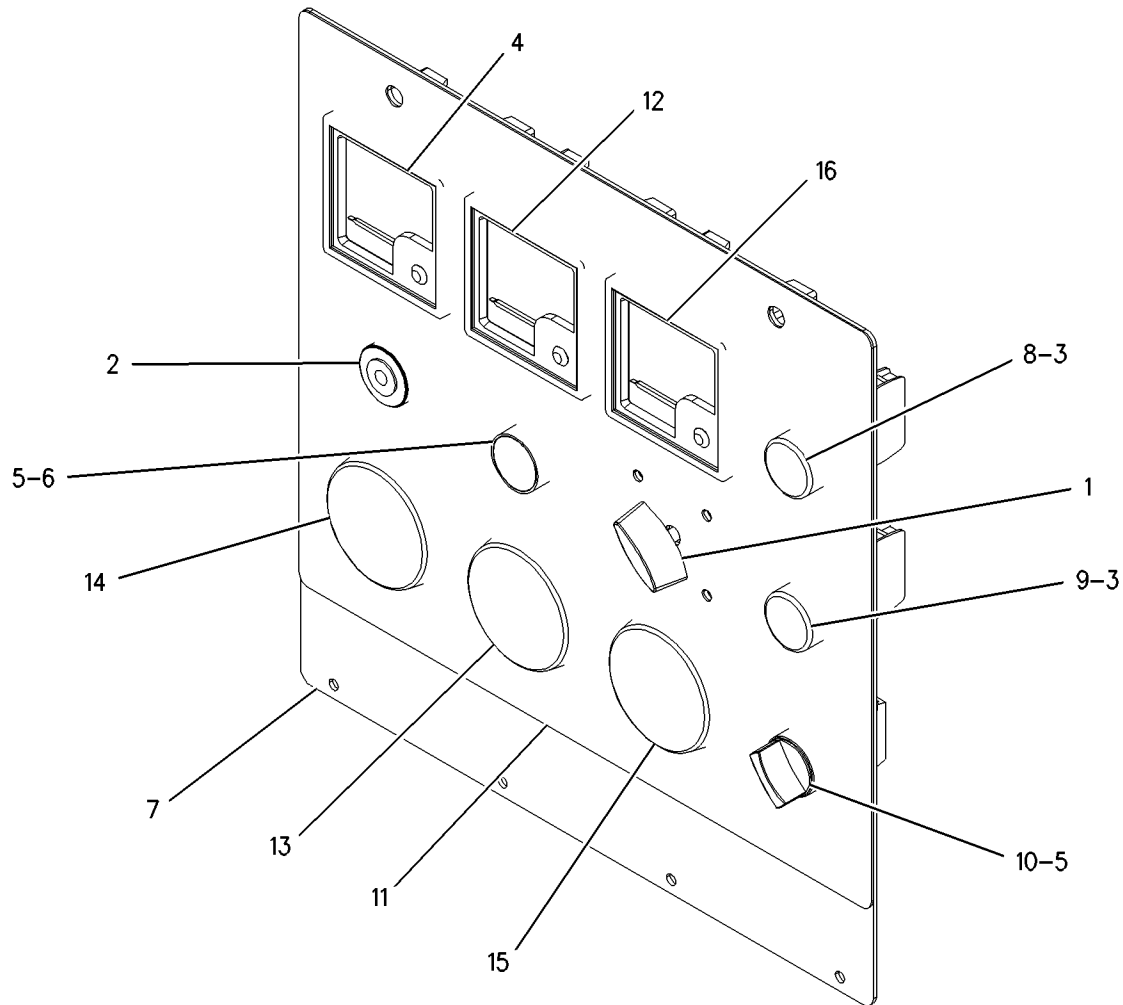




# OPERATOR STATION

214-5895 PANEL GP-CONTROL (contd.)

i01670567



GRAPHIC #1

<END>

g00854493



# OPERATOR STATION

## 214-5896 PANEL GP-CONTROL

S/N: SNX1-UP

PART OF 214-5882 PANEL GP-ELECTRONIC  
AN ATTACHMENT

SMCS-4490, 7451

i01670565

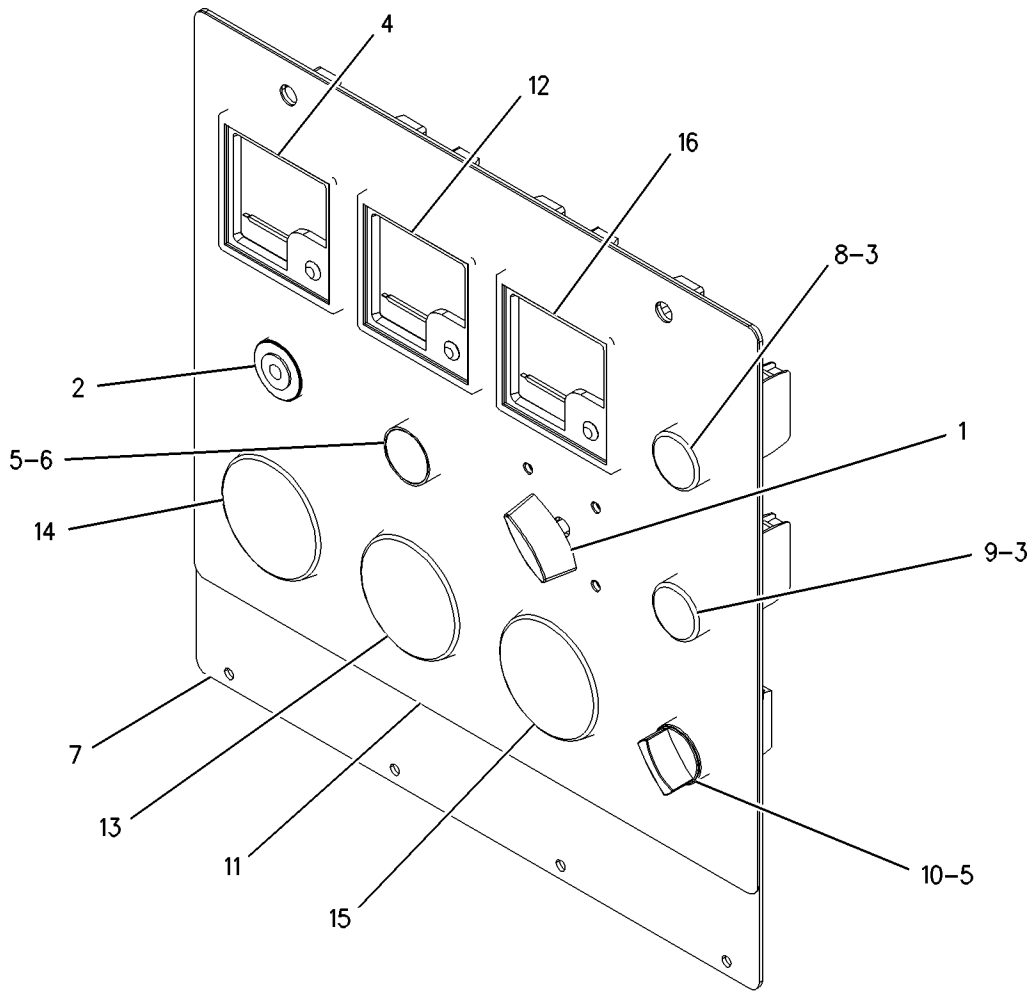
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	3N-5976	1	SWITCH (PHASE SELECTOR)						
	2	1	143-5089	1	HORN						
	3	1	169-4500	2	LAMP (MULTIPLE USE PANEL) (24V)						
	4	1	183-5652	1	METER-FREQUENCY						
	5	1	206-9511	2	CONTACT						
	6	1	212-9862	1	BUTTON (DISABLE ALARM)						
	7	1	214-4611	1	DOOR AS						
	8	1	214-5789	1	LAMP GP (YELLOW COMMON ALARM)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6828	1	HOLDER-LAMP						
	9	1	214-5790	1	LAMP GP (GREEN GENERATOR RUNNING)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6830	1	HOLDER-LAMP						
	10	1	214-5791	1	SWITCH AS (REMOTE START)						
	11	1	214-7397	1	FILM (HORN, BELL)						
	12	1	183-5651	1	VOLTMETER						
	13	1	212-9835	1	GAUGE (PRESSURE) (OIL)						
	14	1	213-2527	1	GAUGE (TEMP) (ENGINE)						
	15	1	213-2528	1	GAUGE (VOLTS) (BATTERY)						
	16	1	214-5788	1	AMMETER						



# OPERATOR STATION

214-5896 PANEL GP-CONTROL (contd.)

i01670565



GRAPHIC #1

<END>

g00854333



# OPERATOR STATION

## 214-6783 PANEL GP-CONTROL

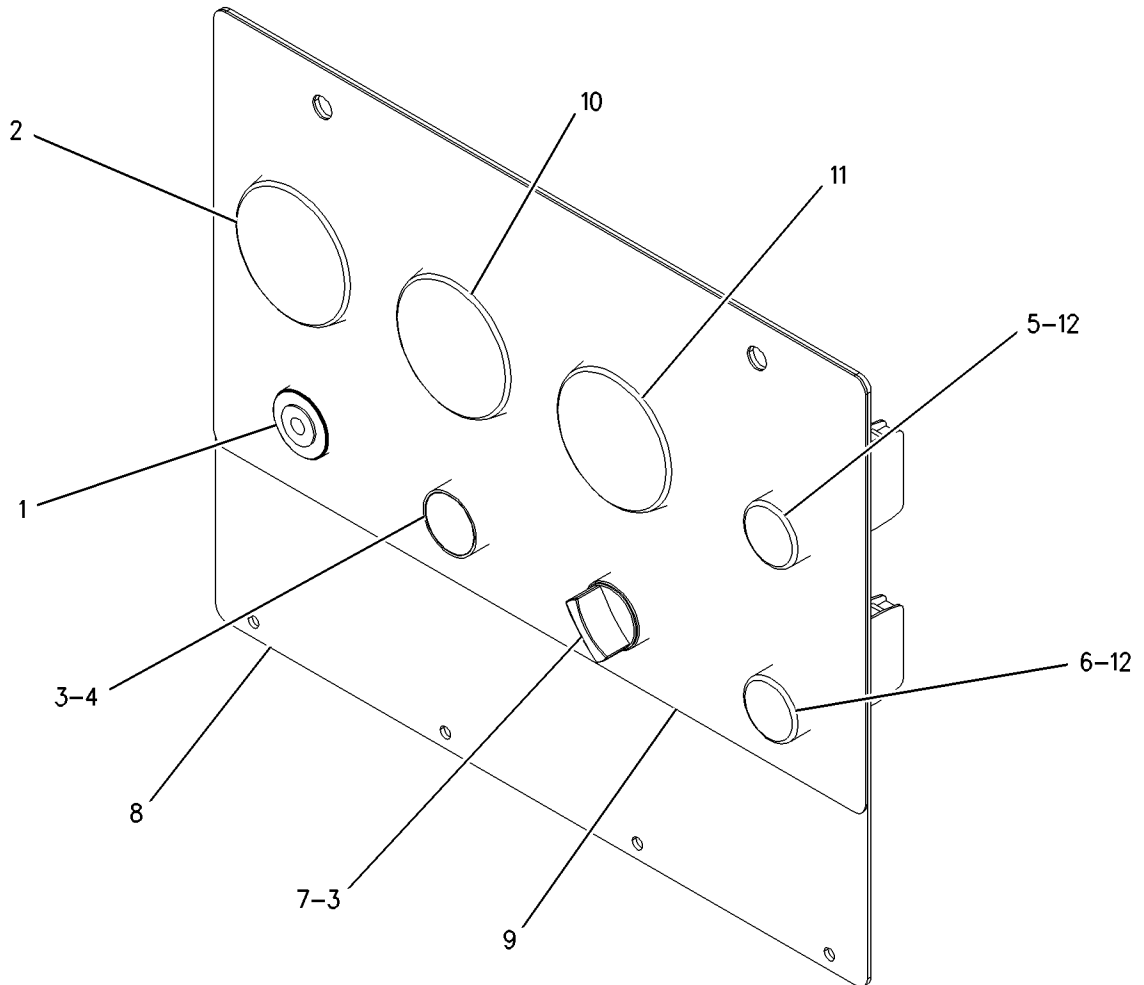
S/N: SNX1-UP

PART OF 214-6781 PANEL GP-ELECTRONIC  
AN ATTACHMENT

SMCS-4490, 7451

i01670900

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	143-5089	1	HORN						
	2	1	206-9504	1	GAUGE (ENGINE TEMPERATURE)						
	3	1	206-9511	2	CONTACT						
	4	1	212-9862	1	BUTTON (DISABLE ALARM)						
	5	1	214-5789	1	LAMP GP (YELLOW COMMON ALARM)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6828	1	HOLDER-LAMP						
6	1	1	214-5790	1	LAMP GP (GREEN GENERATOR RUNNING)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6830	1	HOLDER-LAMP						
7	1	1	214-5791	1	SWITCH AS (REMOTE START)						
8	1	1	214-6786	1	DOOR AS						
9	1	1	214-9023	1	FILM (HORN, BELL)						
10	1	1	206-9505	1	GAUGE (PRESSURE-OIL)						
11	1	1	206-9506	1	GAUGE (BATTERY VOLTAGE)						
12	1	1	2N-2372	2	LAMP (12 VOLT) (MULTIPLE USE PANEL)						



GRAPHIC #1

<END>

g00854304



# OPERATOR STATION

## 214-6784 PANEL GP-CONTROL

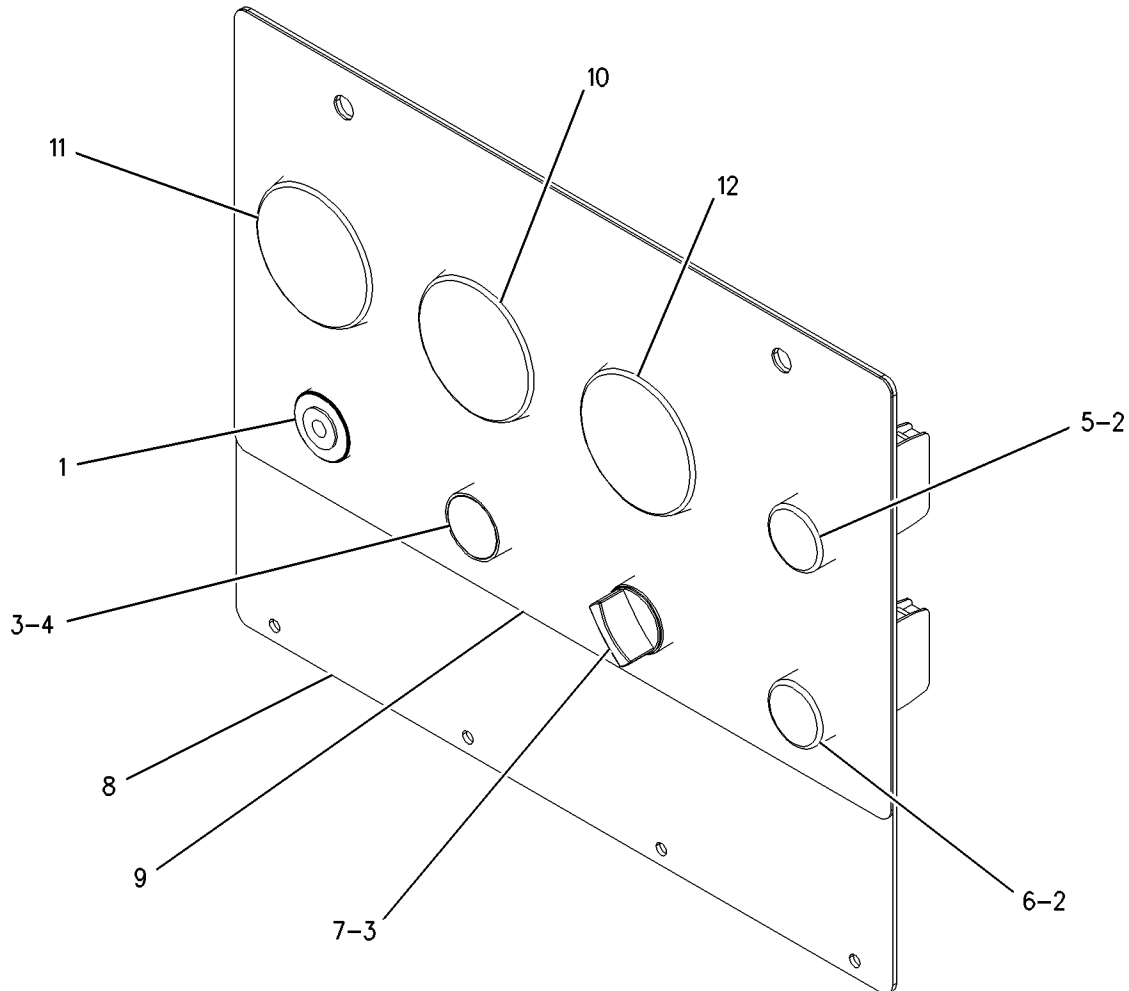
S/N: SNX1-UP

PART OF 214-6782 PANEL GP-ELECTRONIC  
AN ATTACHMENT

SMCS-4490, 7451

i01670901

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	143-5089	1	HORN						
	2	1	169-4500	2	LAMP (MULTIPLE USE PANEL) (24V)						
	3	1	206-9511	2	CONTACT						
	4	1	212-9862	1	BUTTON (DISABLE ALARM)						
	5	1	214-5789	1	LAMP GP (YELLOW COMMON ALARM)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6828	1	HOLDER-LAMP						
6	1	1	214-5790	1	LAMP GP (GREEN GENERATOR RUNNING)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6830	1	HOLDER-LAMP						
7	1	1	214-5791	1	SWITCH AS (REMOTE START)						
8	1	1	214-6786	1	DOOR AS						
9	1	1	214-9023	1	FILM (HORN, BELL)						
10	1	1	212-9835	1	GAUGE (PRESSURE) (OIL)						
11	1	1	213-2527	1	GAUGE (TEMP) (ENGINE)						
12	1	1	213-2528	1	GAUGE (VOLTS) (BATTERY)						



GRAPHIC #1

<END>

g00854313



# OPERATOR STATION

## 214-7415 PANEL GP-CONTROL

S/N: SNX1-UP

PART OF 214-7417 PANEL GP-ELECTRONIC  
AN ATTACHMENT

SMCS-4490, 7451

i01670549

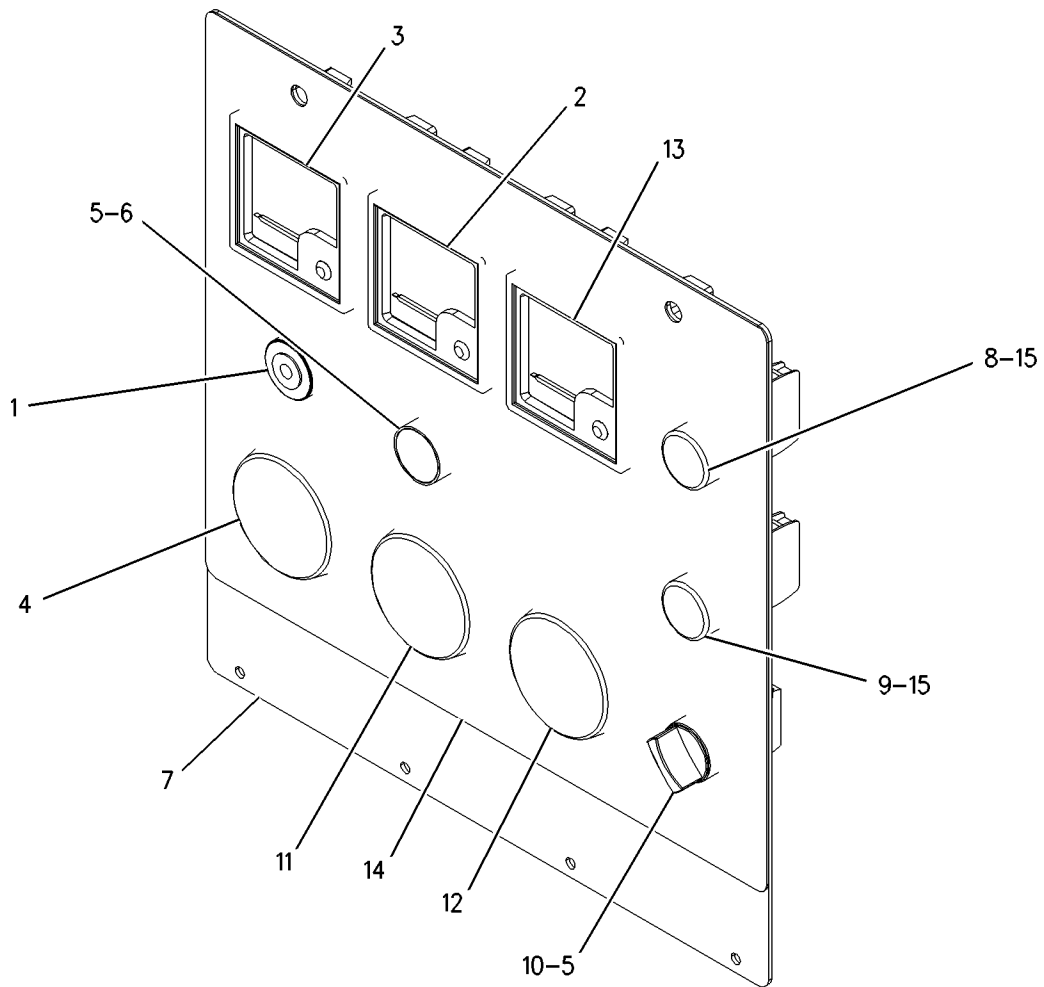
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	143-5089	1	HORN						
	2	1	183-5648	1	VOLTMETER						
	3	1	183-5652	1	METER-FREQUENCY						
	4	1	206-9504	1	GAUGE (ENGINE TEMPERATURE)						
	5	1	206-9511	2	CONTACT						
	6	1	212-9862	1	BUTTON (DISABLE ALARM)						
	7	1	214-4611	1	DOOR AS						
	8	1	214-5789	1	LAMP GP (YELLOW COMMON ALARM)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6828	1	HOLDER-LAMP						
	9	1	214-5790	1	LAMP GP (GREEN GENERATOR RUNNING)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6830	1	HOLDER-LAMP						
	10	1	214-5791	1	SWITCH AS (REMOTE START)						
	11	1	206-9505	1	GAUGE (PRESSURE-OIL)						
	12	1	206-9506	1	GAUGE (BATTERY VOLTAGE)						
	13	1	214-5787	1	AMMETER						
	14	1	214-7398	1	FILM (HORN, BELL)						
	15	1	2N-2372	2	LAMP (12 VOLT) (MULTIPLE USE PANEL)						



# OPERATOR STATION

214-7415 PANEL GP-CONTROL (contd.)

i01670549



GRAPHIC #1

<END>

g00854221



# OPERATOR STATION

## 214-7416 PANEL GP-CONTROL

S/N: SNX1-UP

PART OF 214-7418 PANEL GP-ELECTRONIC  
AN ATTACHMENT

SMCS-4490, 7451

i01670493

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	143-5089	1	HORN						
	2	1	169-4500	2	LAMP (MULTIPLE USE PANEL) (24V)						
	3	1	183-5648	1	VOLTMETER						
	4	1	183-5652	1	METER-FREQUENCY						
	5	1	206-9511	2	CONTACT						
	6	1	212-9862	1	BUTTON (DISABLE ALARM)						
	7	1	214-4611	1	DOOR AS						
	8	1	214-5789	1	LAMP GP (YELLOW COMMON ALARM)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6828	1	HOLDER-LAMP						
	9	1	214-5790	1	LAMP GP (GREEN GENERATOR RUNNING)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6830	1	HOLDER-LAMP						
	10	1	214-5791	1	SWITCH AS (REMOTE START)						
	11	1	212-9835	1	GAUGE (PRESSURE) (OIL)						
	12	1	213-2527	1	GAUGE (TEMP) (ENGINE)						
	13	1	213-2528	1	GAUGE (VOLTS) (BATTERY)						
	14	1	214-5787	1	AMMETER						
	15	1	214-7398	1	FILM (HORN, BELL)						

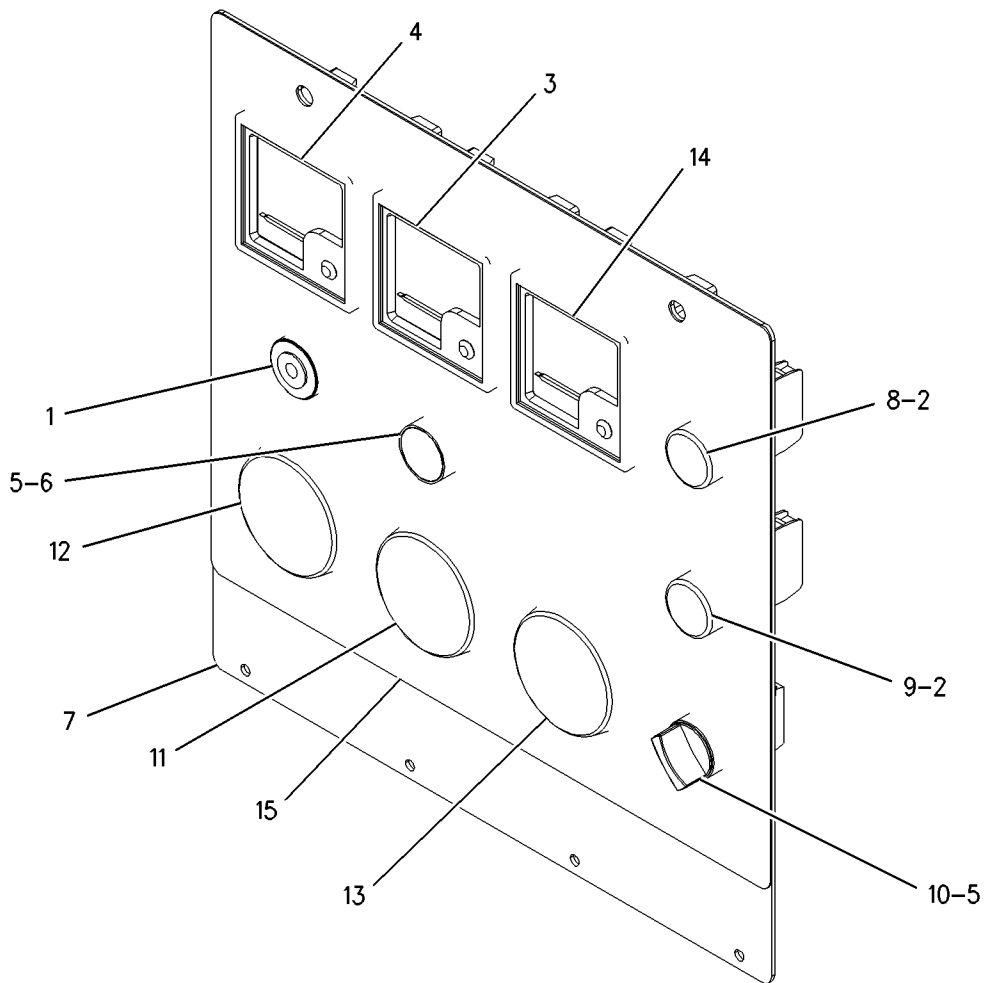




# OPERATOR STATION

214-7416 PANEL GP-CONTROL (contd.)

i01670493



GRAPHIC #1

<END>

g00854232



# OPERATOR STATION

## 214-9030 DOOR GP - ELECTRONIC

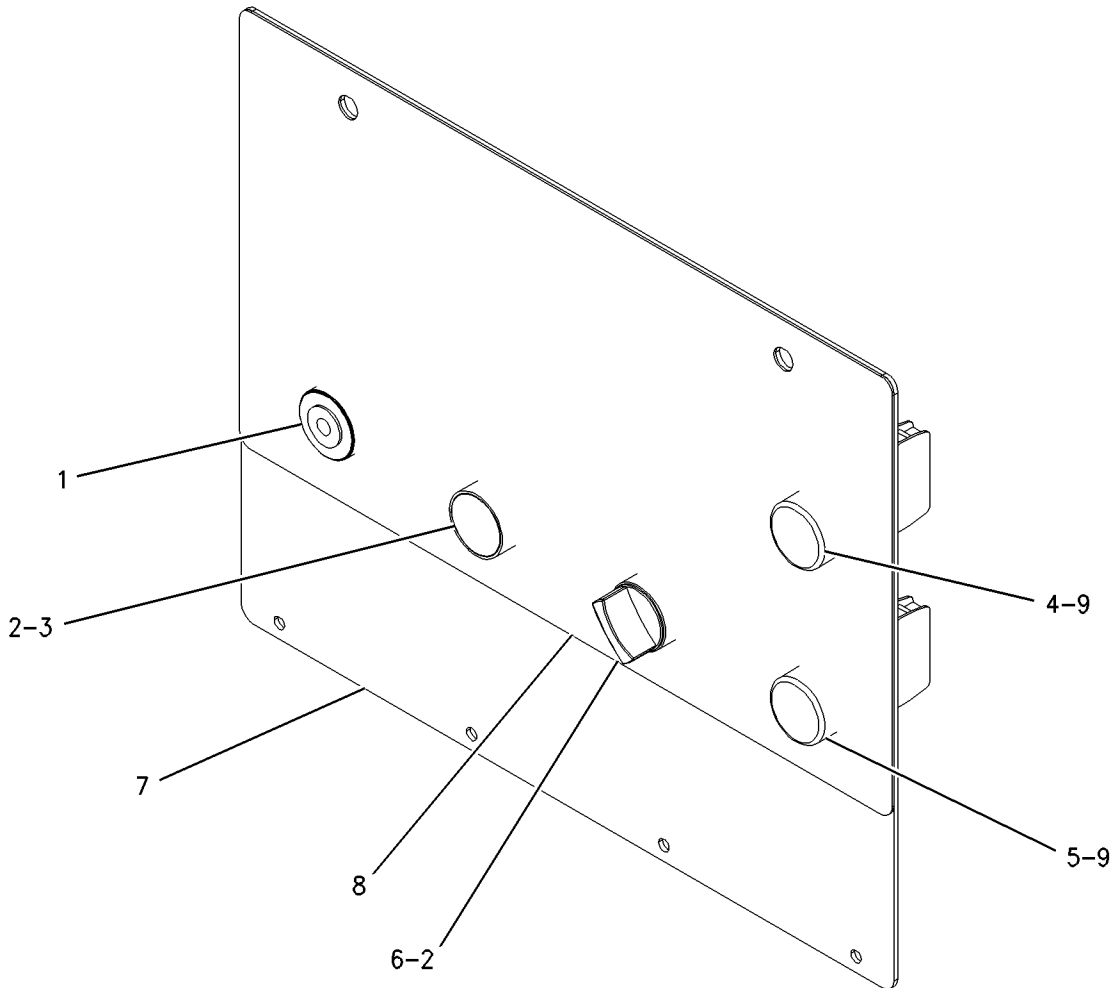
S/N: SNX1-UP

PART OF 214-9029 PANEL GP - ELECTRONIC  
AN ATTACHMENT

SMCS-4490, 7451

i01670491

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	143-5089	1	HORN						
	2	1	206-9511	2	CONTACT						
	3	1	212-9862	1	BUTTON (DISABLE ALARM)						
	4	1	214-5789	1	LAMP GP (YELLOW COMMON ALARM)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6828	1	HOLDER-LAMP						
	5	1	214-5790	1	LAMP GP (GREEN GENERATOR RUNNING)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6830	1	HOLDER-LAMP						
	6	1	214-5791	1	SWITCH AS (REMOTE START)						
	7	1	214-6786	1	DOOR AS						
	8	1	214-9024	1	FILM (HORN, BELL)						
	9	1	2N-2372	2	LAMP (12 VOLT) (MULTIPLE USE PANEL)						



GRAPHIC #1

<END>

g00854329



# OPERATOR STATION

## 214-9296 PANEL GP-CONTROL

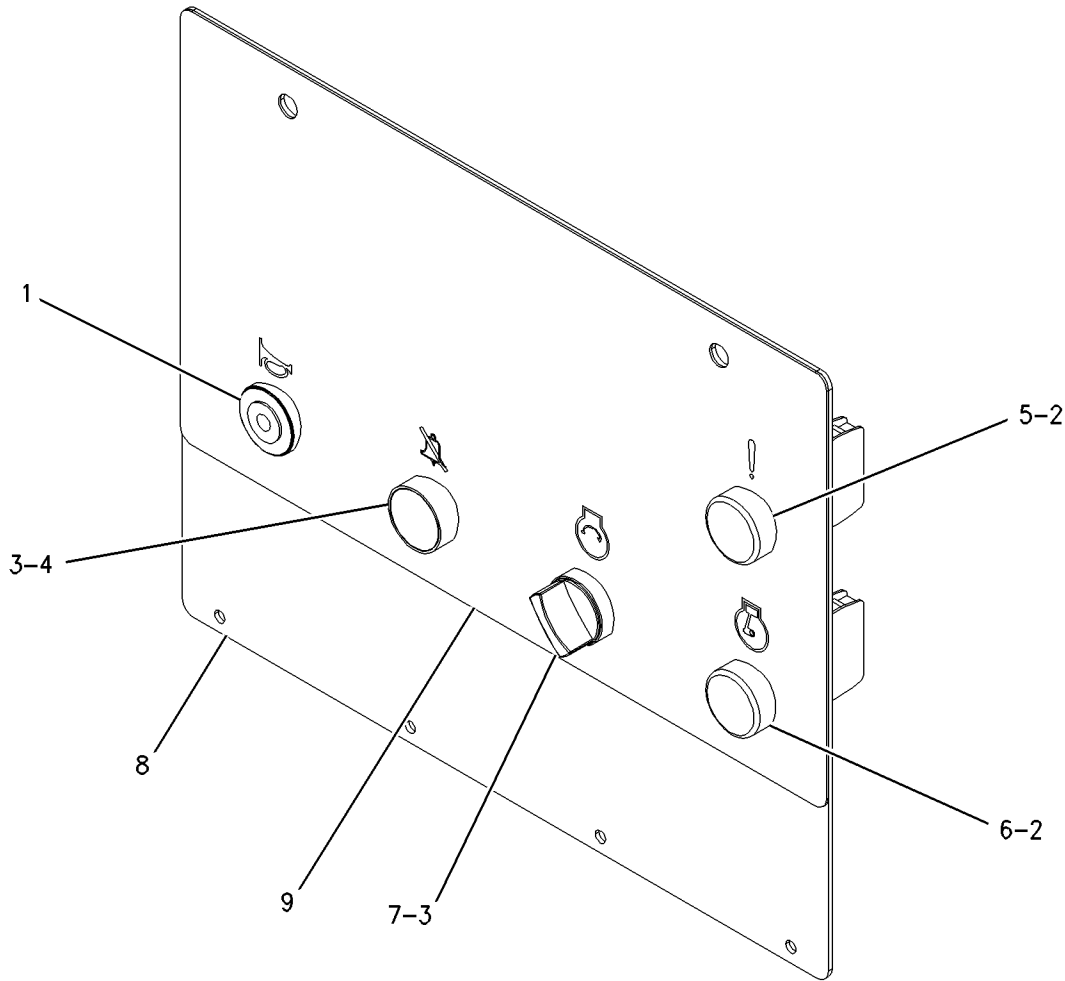
S/N: SNX1-UP

PART OF 214-9295 PANEL GP-ELECTRONIC  
AN ATTACHMENT

SMCS-4490, 7451

i01670490

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	143-5089	1	HORN						
	2	1	169-4500	2	LAMP (MULTIPLE USE PANEL) (24V)						
	3	1	206-9511	2	CONTACT						
	4	1	212-9862	1	BUTTON (DISABLE ALARM)						
	5	1	214-5789	1	LAMP GP (YELLOW COMMON ALARM)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6828	1	HOLDER-LAMP						
6	1	1	214-5790	1	LAMP GP (GREEN GENERATOR RUNNING)						
		1	143-5084	1	BASE-LAMP						
		1	214-6827	1	CLIP						
		1	214-6830	1	HOLDER-LAMP						
7	1	1	214-5791	1	SWITCH AS (REMOTE START)						
8	1	1	214-6786	1	DOOR AS						
9	1	1	214-9024	1	FILM (HORN, BELL)						



GRAPHIC #1

<END>

g00854178



# OPERATOR STATION

## 212-6755 PANEL GP-ELECTRONIC

S/N: SNX1-UP  
FOR USE WITH 12V DC, 110V AC  
AN ATTACHMENT

SMCS-4490, 7490

i01642183

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	204-7829	1	PANEL AS						
	1A	1	203-5398	4	INSERT						
	2	1	205-3657	1	HINGE AS						
	2A	1	203-5398	4	INSERT						
Y	3	1	212-6756	1	PANEL GP-ELECTRONIC						329
Y	4	1	212-6757	1	PANEL GP-CONTROL						290
	5	1	212-6889	2	RECEPTACLE						
	6	1	212-6890	2	STUD						
	7	1	212-6891	2	RETAINER						
	8	1	212-7967	1	STRAP-DOOR						
	9	1	213-0985	1	GROMMET						
M	10	1	170-5632	2	BOLT-HEX HEAD (M4X0.7X16MM)						
M	11	1	6V-4298	16	BOLT (M5X0.8X16MM)						
	12	1	8C-9660	2	WASHER (4.6X7.9X0.8MM THK)						
	13	1	8T-0328	16	WASHER-HARD (5.5X10X1MM THK)						
M	14	1	8T-7961	2	LOCKNUT						
	15	1	9X-8256	2	WASHER (6.6X12X2MM THK)						
	16	1	143-8799	1	SEAL						

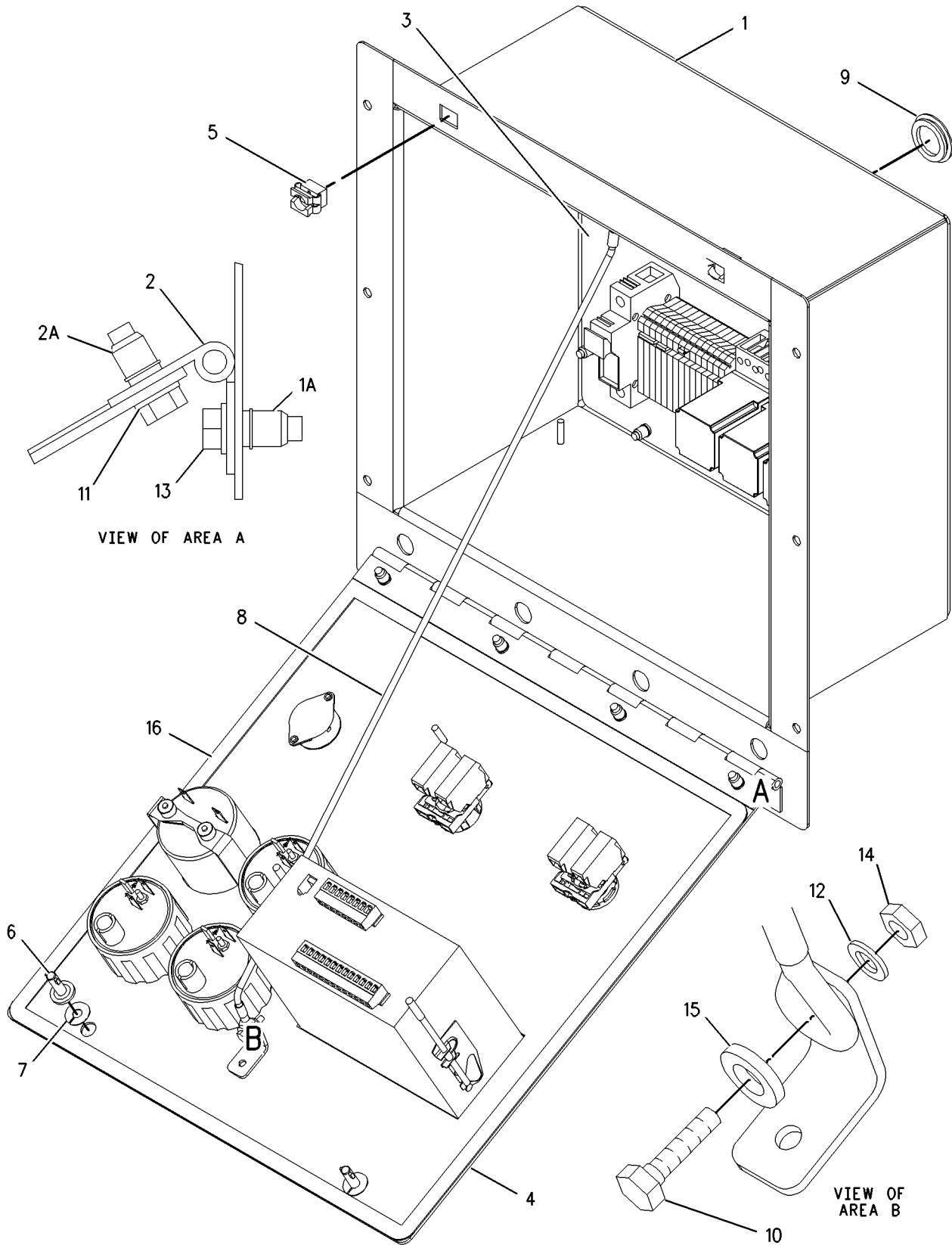
M-METRIC PART  
Y-SEPARATE ILLUSTRATION



# OPERATOR STATION

212-6755 PANEL GP-ELECTRONIC (contd.)

i01642183



VIEW OF AREA A

VIEW OF AREA B

GRAPHIC #1

<END>

g00853433



# OPERATOR STATION

## 212-6756 PANEL GP-ELECTRONIC

S/N: SNX1-UP

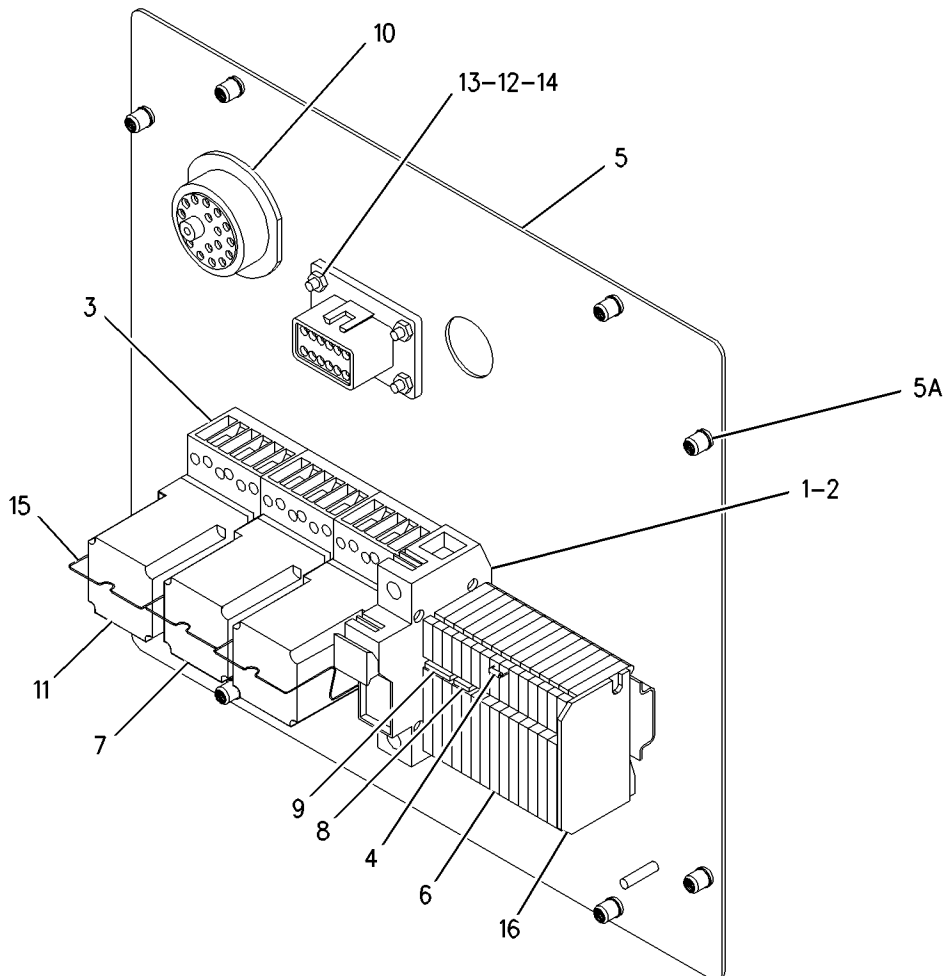
PART OF 212-6755 PANEL GP-ELECTRONIC  
AN ATTACHMENT

SMCS-4490, 7490

i01998045

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	160-9602	1	HOLDER-FUSE						
	2	1	143-4472	1	FUSE (6 AMP)						
	3	1	143-4479	3	SOCKET-RELAY						
	4	1	143-5090	1	DIODE AS						
	5	1	204-7840	1	CHASSIS AS						
	5A	1	203-5398	4	INSERT						
	6	1	206-9527	15	TERMINAL (2.5MM)						
	7	1	206-9530	2	RELAY (DC, 12V)						
	8	1	213-2561	1	LINK						
	9	1	213-2565	1	LINK						
	10	1	214-9409	1	HARNESS AS						
	11	1	212-9863	1	RELAY (AC, 110V)						
	12	1	8C-9660	4	WASHER (4.6X7.9X0.8MM THK)						
M	13	1	8T-0337	4	SCREW-MACHINE (M4X0.7X12MM)						
M	14	1	8T-7961	4	LOCKNUT						
	15	1	220-1560	3	HOLDER (RELAY)						
	16	1	219-9127	1	COVER-TERMINAL						

M-METRIC PART



GRAPHIC #1

<END>

g00930063



# OPERATOR STATION

## 212-6758 PANEL GP-ELECTRONIC

S/N: SNX1-UP  
FOR USE WITH 12V DC, 110V AC  
AN ATTACHMENT

SMCS-4490, 7490

i01642184

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	205-0499	1	PANEL AS						
	1A	1	203-5398	4	INSERT						
	2	1	205-3657	1	HINGE AS						
	2A	1	203-5398	4	INSERT						
Y	3	1	212-6771	1	PANEL GP-ELECTRONIC						332
Y	4	1	212-6772	1	PANEL GP-CONTROL						291
	5	1	212-6889	2	RECEPTACLE						
	6	1	212-6890	2	STUD						
	7	1	212-6891	2	RETAINER						
	8	1	212-7967	1	STRAP-DOOR						
	9	1	213-0985	1	GROMMET						
M	10	1	170-5632	2	BOLT-HEX HEAD (M4X0.7X16MM)						
M	11	1	6V-4298	16	BOLT (M5X0.8X16MM)						
	12	1	8C-9660	2	WASHER (4.6X7.9X0.8MM THK)						
	13	1	8T-0328	16	WASHER-HARD (5.5X10X1MM THK)						
M	14	1	8T-7961	2	LOCKNUT						
	15	1	9X-8256	2	WASHER (6.6X12X2MM THK)						
	16	1	143-8799	1	SEAL						

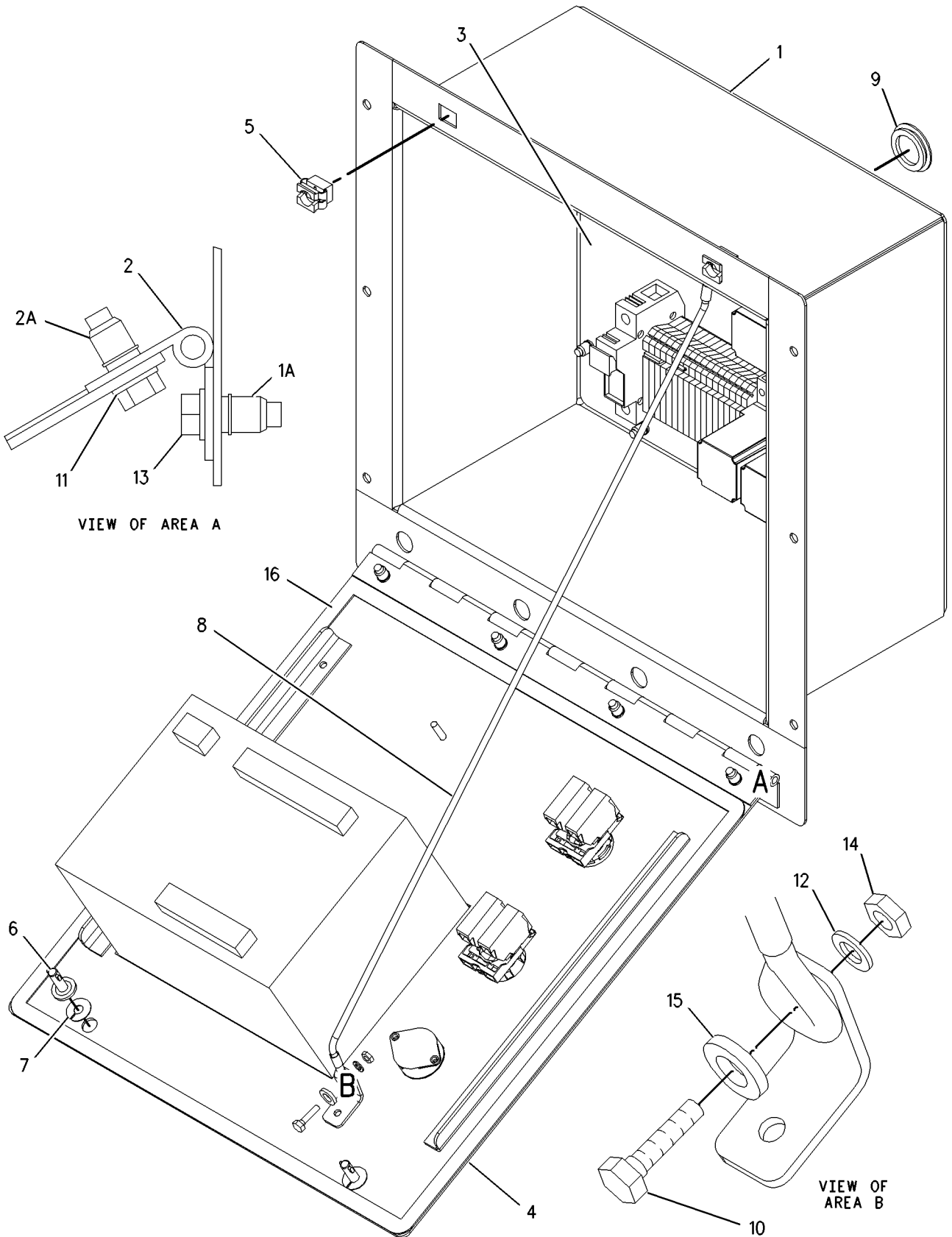
M - METRIC PART  
Y - SEPARATE ILLUSTRATION



# OPERATOR STATION

212-6758 PANEL GP-ELECTRONIC (contd.)

i01642184



GRAPHIC #1

<END>

g00853336





# OPERATOR STATION

## 212-6771 PANEL GP-ELECTRONIC

S/N: SNX1-UP

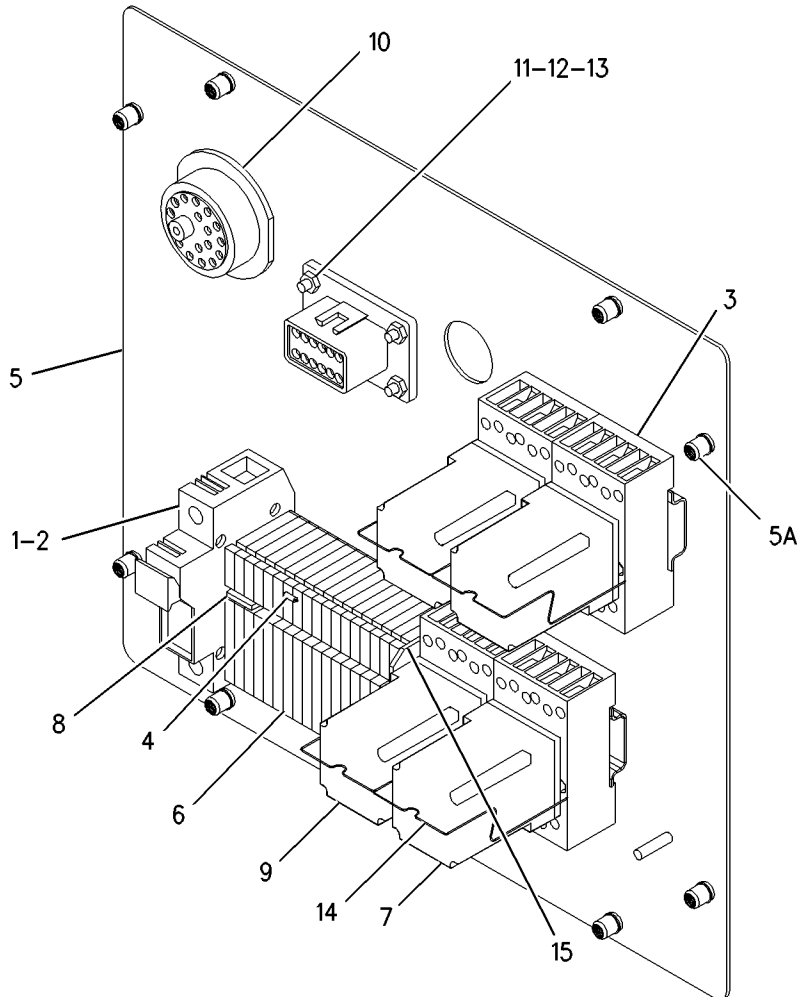
PART OF 212-6758 PANEL GP-ELECTRONIC  
AN ATTACHMENT

SMCS-4490, 7490

i01998049

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	160-9602	1	HOLDER-FUSE						
	2	1	143-4472	1	FUSE (6 AMP)						
	3	1	143-4479	4	SOCKET-RELAY						
	4	1	143-5090	1	DIODE AS						
	5	1	206-8678	1	CHASSIS AS						
	5A	1	203-5398	8	INSERT						
	6	1	206-9527	18	TERMINAL (2.5MM)						
	7	1	206-9530	3	RELAY (DC, 12V)						
	8	1	212-9865	1	CONNECTOR						
	9	1	212-9863	1	RELAY (AC, 110V)						
	10	1	214-9411	1	HARNESS AS						
	11	1	8C-9660	4	WASHER (4.6X7.9X0.8MM THK)						
M	12	1	8T-0337	4	SCREW-MACHINE (M4X0.7X12MM)						
M	13	1	8T-7961	4	LOCKNUT						
	14	1	220-1560	4	HOLDER (RELAY)						
	15	1	219-9127	1	COVER-TERMINAL						

M-METRIC PART



GRAPHIC #1

<END>

g00930054



# OPERATOR STATION

## 212-6773 PANEL GP-ELECTRONIC

S/N: SNX1-UP

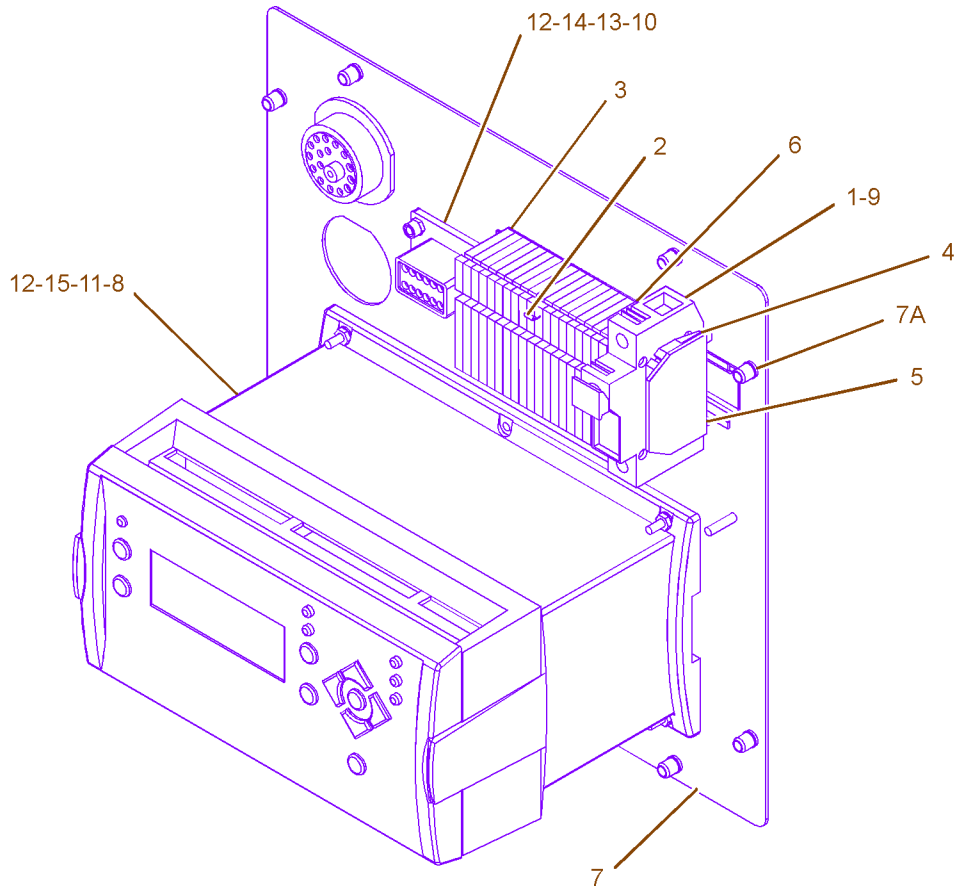
PART OF 232-7300 PANEL GP-ELECTRONIC  
AN ATTACHMENT

SMCS-4490, 7490

i01992002

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	160-9602	1	HOLDER-FUSE						
	2	1	143-5090	1	DIODE AS						
	3	1	206-9527	20	TERMINAL (2.5MM)						
	4	1	213-0249	1	TERMINAL (EARTH)						
	5	1	215-9086	1	COVER-TERMINAL						
	6	1	219-9127	1	COVER-TERMINAL						
	7	1	226-4132	1	CHASSIS AS						
	7A	1	203-5398	8	INSERT						
	8	1	238-4635	1	CONTROLLER						
	9	1	143-4472	1	FUSE (6 AMP)						
	10	1	242-2002	1	HARNESS AS						
M	11	1	6V-9491	4	SCREW-MACHINE (M4X0.7X20MM)						
	12	1	8C-9660	12	WASHER (4.6X7.9X0.8MM THK)						
M	13	1	8T-0337	4	SCREW-MACHINE (M4X0.7X12MM)						
M	14	1	8T-2659	4	LOCKNUT (M4X6H THD)						
M	15	1	8T-7961	4	LOCKNUT						

M-METRIC PART



GRAPHIC #1

<END>

g01032824



# OPERATOR STATION

## 212-9964 PANEL GP-ELECTRONIC

S/N: SNX1-UP  
FOR USE WITH 12V DC, 230V AC  
AN ATTACHMENT

SMCS-4490, 7490

i01642187

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	204-7829	1	PANEL AS						
	1A	1	203-5398	4	INSERT						
	2	1	205-3657	1	HINGE AS						
	2A	1	203-5398	4	INSERT						
Y	3	1	212-6757	1	PANEL GP-CONTROL						290
	4	1	212-6889	2	RECEPTACLE						
	5	1	212-6890	2	STUD						
	6	1	212-6891	2	RETAINER						
	7	1	212-7967	1	STRAP-DOOR						
	8	1	213-0985	1	GROMMET						
M	9	1	170-5632	2	BOLT-HEX HEAD (M4X0.7X16MM)						
Y	10	1	212-9967	1	PANEL GP-ELECTRONIC						340
M	11	1	6V-4298	16	BOLT (M5X0.8X16MM)						
	12	1	8C-9660	2	WASHER (4.6X7.9X0.8MM THK)						
	13	1	8T-0328	16	WASHER-HARD (5.5X10X1MM THK)						
M	14	1	8T-7961	2	LOCKNUT						
	15	1	9X-8256	2	WASHER (6.6X12X2MM THK)						
	16	1	143-8799	1	SEAL						

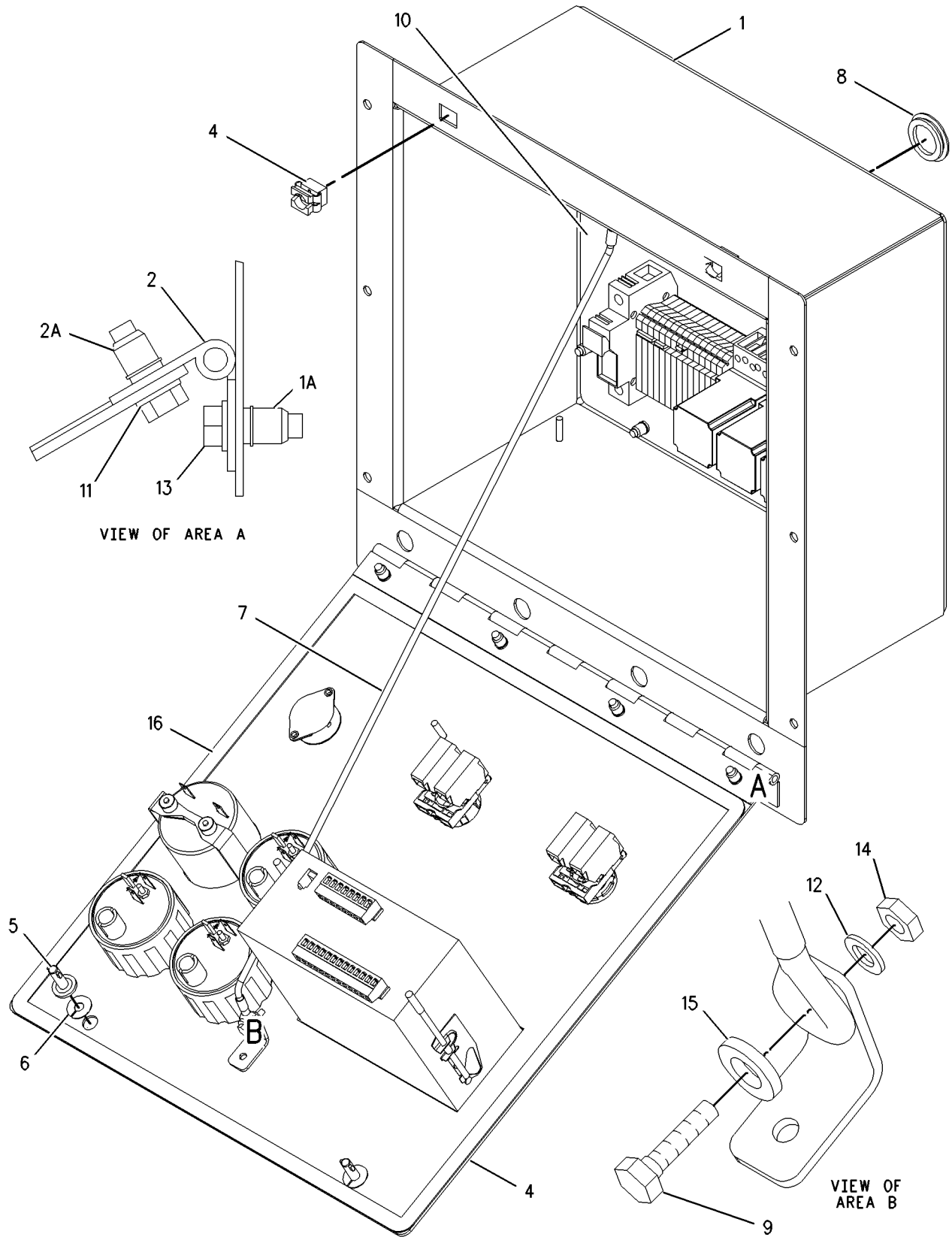
M-METRIC PART  
Y-SEPARATE ILLUSTRATION



# OPERATOR STATION

212-9964 PANEL GP-ELECTRONIC (contd.)

i01642187



VIEW OF AREA A

VIEW OF AREA B

GRAPHIC #1

<END>

g00853483



# OPERATOR STATION

## 212-9965 PANEL GP-ELECTRONIC

S/N: SNX1-UP  
FOR USE WITH 24V DC, 110V AC  
AN ATTACHMENT

SMCS-4490, 7490

i01642188

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	204-7829	1	PANEL AS						
	1A	1	203-5398	4	INSERT						
	2	1	205-3657	1	HINGE AS						
	2A	1	203-5398	4	INSERT						
	3	1	212-6889	2	RECEPTACLE						
	4	1	212-6890	2	STUD						
	5	1	212-6891	2	RETAINER						
	6	1	212-7967	1	STRAP-DOOR						
	7	1	213-0985	1	GROMMET						
M	8	1	170-5632	2	BOLT-HEX HEAD (M4X0.7X16MM)						
Y	9	1	212-9833	1	DOOR GP-ELECTRONIC						294
Y	10	1	212-9968	1	PANEL GP-ELECTRONIC						341
M	11	1	6V-4298	16	BOLT (M5X0.8X16MM)						
	12	1	8C-9660	2	WASHER (4.6X7.9X0.8MM THK)						
	13	1	8T-0328	16	WASHER-HARD (5.5X10X1MM THK)						
M	14	1	8T-7961	2	LOCKNUT						
	15	1	9X-8256	2	WASHER (6.6X12X2MM THK)						
	16	1	143-8799	1	SEAL						

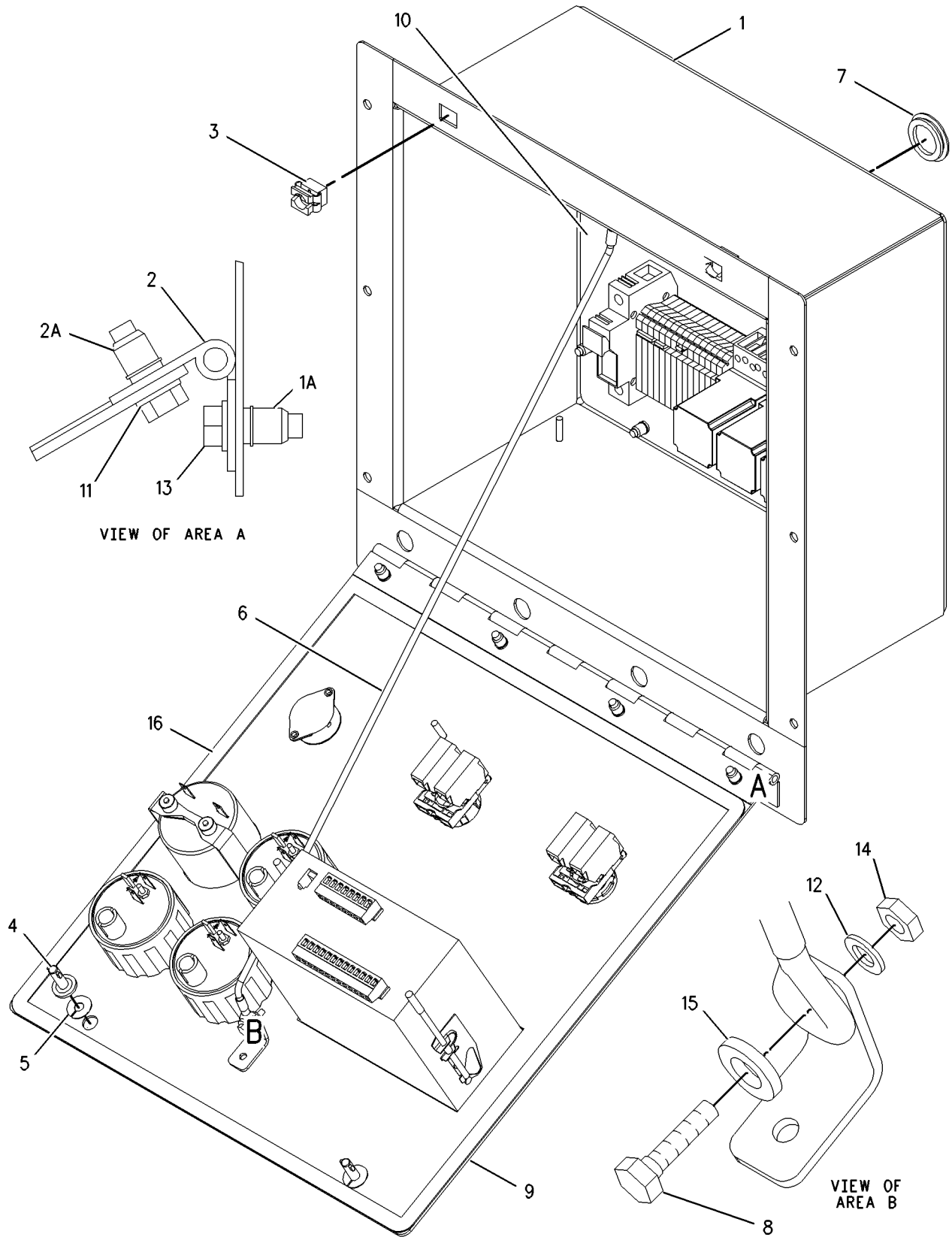
M-METRIC PART  
Y-SEPARATE ILLUSTRATION



# OPERATOR STATION

212-9965 PANEL GP-ELECTRONIC (contd.)

i01642188



GRAPHIC #1

<END>

g00853395



# OPERATOR STATION

## 212-9966 PANEL GP-ELECTRONIC

S/N: SNX1-UP  
FOR USE WITH 24V DC, 230V AC  
AN ATTACHMENT

SMCS-4490, 7490

i01642189

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	204-7829	1	PANEL AS						
	1A	1	203-5398	4	INSERT						
	2	1	205-3657	1	HINGE AS						
	2A	1	203-5398	4	INSERT						
	3	1	212-6889	2	RECEPTACLE						
	4	1	212-6890	2	STUD						
	5	1	212-6891	2	RETAINER						
	6	1	212-7967	1	STRAP-DOOR						
	7	1	213-0985	1	GROMMET						
M	8	1	170-5632	2	BOLT-HEX HEAD (M4X0.7X16MM)						
Y	9	1	212-9833	1	DOOR GP-ELECTRONIC						294
Y	10	1	212-9969	1	PANEL GP-ELECTRONIC						342
M	11	1	6V-4298	16	BOLT (M5X0.8X16MM)						
	12	1	8C-9660	2	WASHER (4.6X7.9X0.8MM THK)						
	13	1	8T-0328	16	WASHER-HARD (5.5X10X1MM THK)						
M	14	1	8T-7961	2	LOCKNUT						
	15	1	9X-8256	2	WASHER (6.6X12X2MM THK)						
	16	1	143-8799	1	SEAL						

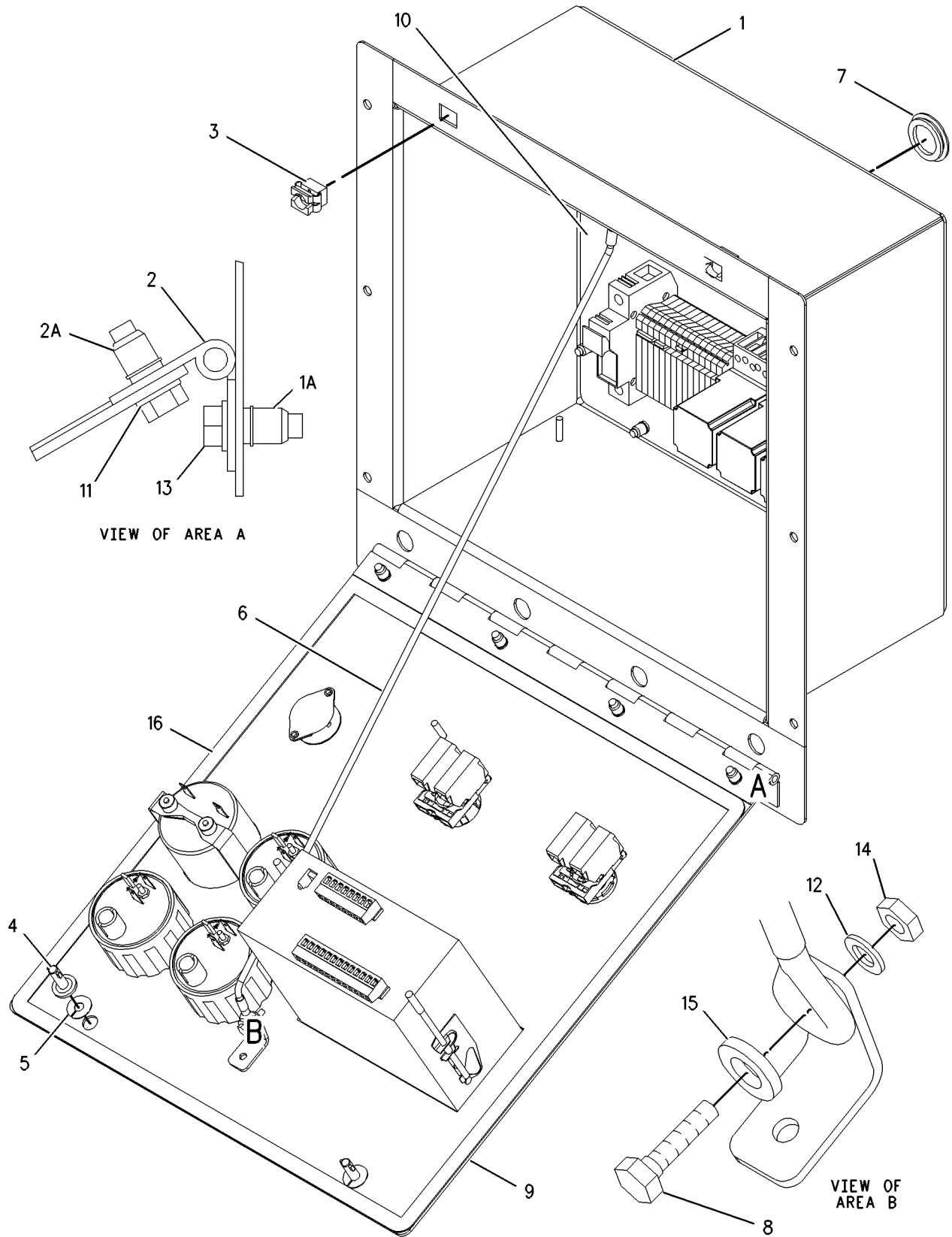
M-METRIC PART  
Y-SEPARATE ILLUSTRATION



# OPERATOR STATION

212-9966 PANEL GP-ELECTRONIC (contd.)

i01642189



GRAPHIC #1

<END>

g00853395





# OPERATOR STATION

## 212-9967 PANEL GP-ELECTRONIC

S/N: SNX1-UP

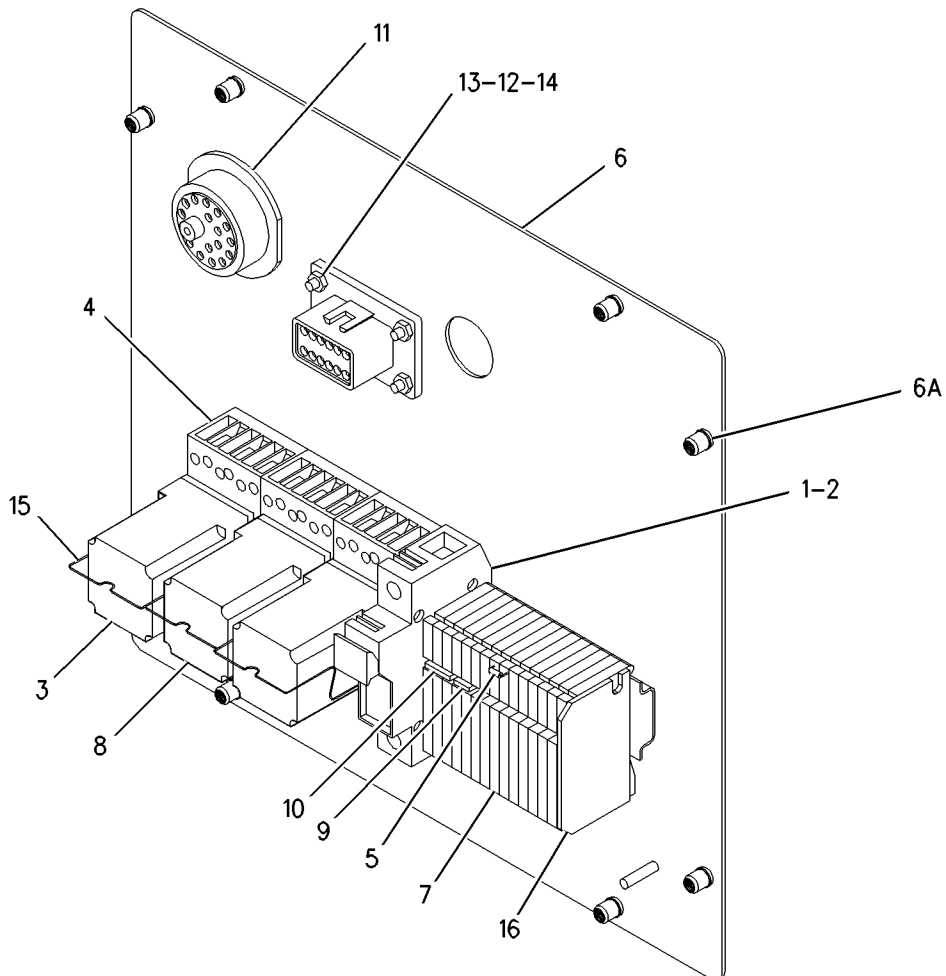
PART OF 212-9964 PANEL GP-ELECTRONIC  
AN ATTACHMENT

SMCS-4490, 7490

i01998043

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	160-9602	1	HOLDER-FUSE						
	2	1	143-4472	1	FUSE (6 AMP)						
	3	1	143-4477	1	RELAY (AC 240-VOLT)						
	4	1	143-4479	3	SOCKET-RELAY						
	5	1	143-5090	1	DIODE AS						
	6	1	204-7840	1	CHASSIS AS						
	6A	1	203-5398	8	INSERT						
	7	1	206-9527	15	TERMINAL (2.5MM)						
	8	1	206-9530	2	RELAY (DC, 12V)						
	9	1	213-2561	1	LINK						
	10	1	213-2565	1	LINK						
	11	1	214-9409	1	HARNESS AS						
	12	1	8C-9660	4	WASHER (4.6X7.9X0.8MM THK)						
M	13	1	8T-0337	4	SCREW-MACHINE (M4X0.7X12MM)						
M	14	1	8T-7961	4	LOCKNUT						
	15	1	220-1560	3	HOLDER						
	16	1	219-9127	1	COVER-TERMINAL						

M-METRIC PART



GRAPHIC #1

<END>

g00930004



# OPERATOR STATION

## 212-9968 PANEL GP-ELECTRONIC

S/N: SNX1-UP

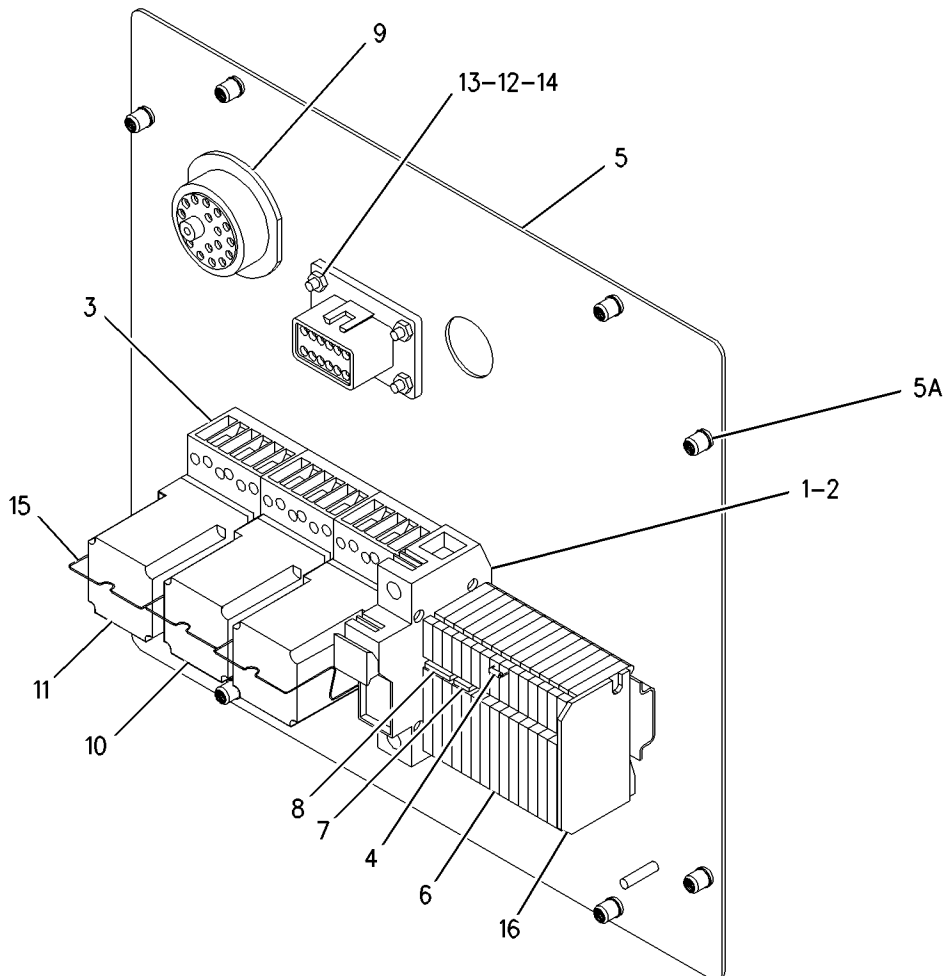
PART OF 212-9965 PANEL GP-ELECTRONIC  
AN ATTACHMENT

SMCS-4490, 7490

i01998044

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	160-9602	1	HOLDER-FUSE						
	2	1	143-4472	1	FUSE (6 AMP)						
	3	1	143-4479	3	SOCKET-RELAY						
	4	1	143-5090	1	DIODE AS						
	5	1	204-7840	1	CHASSIS AS						
	5A	1	203-5398	8	INSERT						
	6	1	206-9527	15	TERMINAL (2.5MM)						
	7	1	213-2561	1	LINK						
	8	1	213-2565	1	LINK						
	9	1	214-9409	1	HARNESS AS						
	10	1	143-4478	2	RELAY (24-VOLT, 11 PIN)						
	11	1	212-9863	1	RELAY (AC, 110V)						
	12	1	8C-9660	4	WASHER (4.6X7.9X0.8MM THK)						
M	13	1	8T-0337	4	SCREW-MACHINE (M4X0.7X12MM)						
M	14	1	8T-7961	4	LOCKNUT						
	15	1	220-1560	3	HOLDER (RELAY)						
	16	1	219-9127	1	COVER-TERMINAL						

M-METRIC PART



GRAPHIC #1

<END>

g00929998



# OPERATOR STATION

## 212-9969 PANEL GP-ELECTRONIC

S/N: SNX1-UP

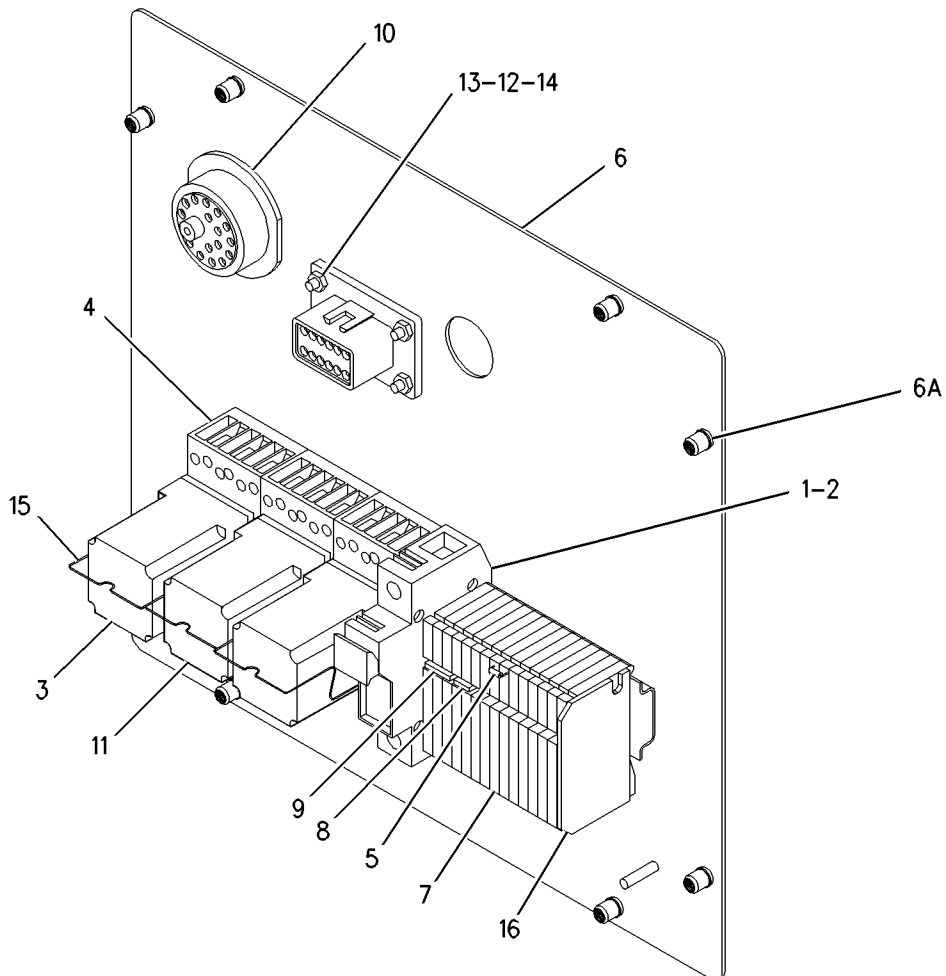
PART OF 212-9966 PANEL GP-ELECTRONIC  
AN ATTACHMENT

SMCS-4490, 7490

i01998048

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	160-9602	1	HOLDER-FUSE						
	2	1	143-4472	1	FUSE (6 AMP)						
	3	1	143-4477	1	RELAY (AC 240-VOLT)						
	4	1	143-4479	3	SOCKET-RELAY						
	5	1	143-5090	1	DIODE AS						
	6	1	204-7840	1	CHASSIS AS						
	6A	1	203-5398	8	INSERT						
	7	1	206-9527	15	TERMINAL (2.5MM)						
	8	1	213-2561	1	LINK						
	9	1	213-2565	1	LINK						
	10	1	214-9409	1	HARNESS AS						
	11	1	143-4478	2	RELAY (24-VOLT, 11 PIN)						
	12	1	8C-9660	4	WASHER (4.6X7.9X0.8MM THK)						
M	13	1	8T-0337	4	SCREW-MACHINE (M4X0.7X12MM)						
M	14	1	8T-7961	4	LOCKNUT						
	15	1	220-1560	3	HOLDER (RELAY)						
	16	1	219-9127	1	COVER-TERMINAL						

M-METRIC PART



GRAPHIC #1

<END>

g00929977



# OPERATOR STATION

## 213-2028 PANEL GP-ELECTRONIC

S/N: SNX1-UP  
FOR USE WITH 12V DC, 230V AC  
AN ATTACHMENT

SMCS-4490, 7490

i01642203

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	205-0499	1	PANEL AS						
	1A	1	203-5398	4	INSERT						
	2	1	205-3657	1	HINGE AS						
	2A	1	203-5398	4	INSERT						
Y	3	1	212-6772	1	PANEL GP-CONTROL						291
	4	1	212-6889	2	RECEPTACLE						
	5	1	212-6890	2	STUD						
	6	1	212-6891	2	RETAINER						
	7	1	212-7967	1	STRAP-DOOR						
	8	1	213-0985	1	GROMMET						
M	9	1	170-5632	2	BOLT-HEX HEAD (M4X0.7X16MM)						
Y	10	1	213-2034	1	PANEL GP-ELECTRONIC						349
M	11	1	6V-4298	16	BOLT (M5X0.8X16MM)						
	12	1	8C-9660	2	WASHER (4.6X7.9X0.8MM THK)						
	13	1	8T-0328	16	WASHER-HARD (5.5X10X1MM THK)						
M	14	1	8T-7961	2	LOCKNUT						
	15	1	9X-8256	2	WASHER (6.6X12X2MM THK)						
	16	1	143-8799	1	SEAL						

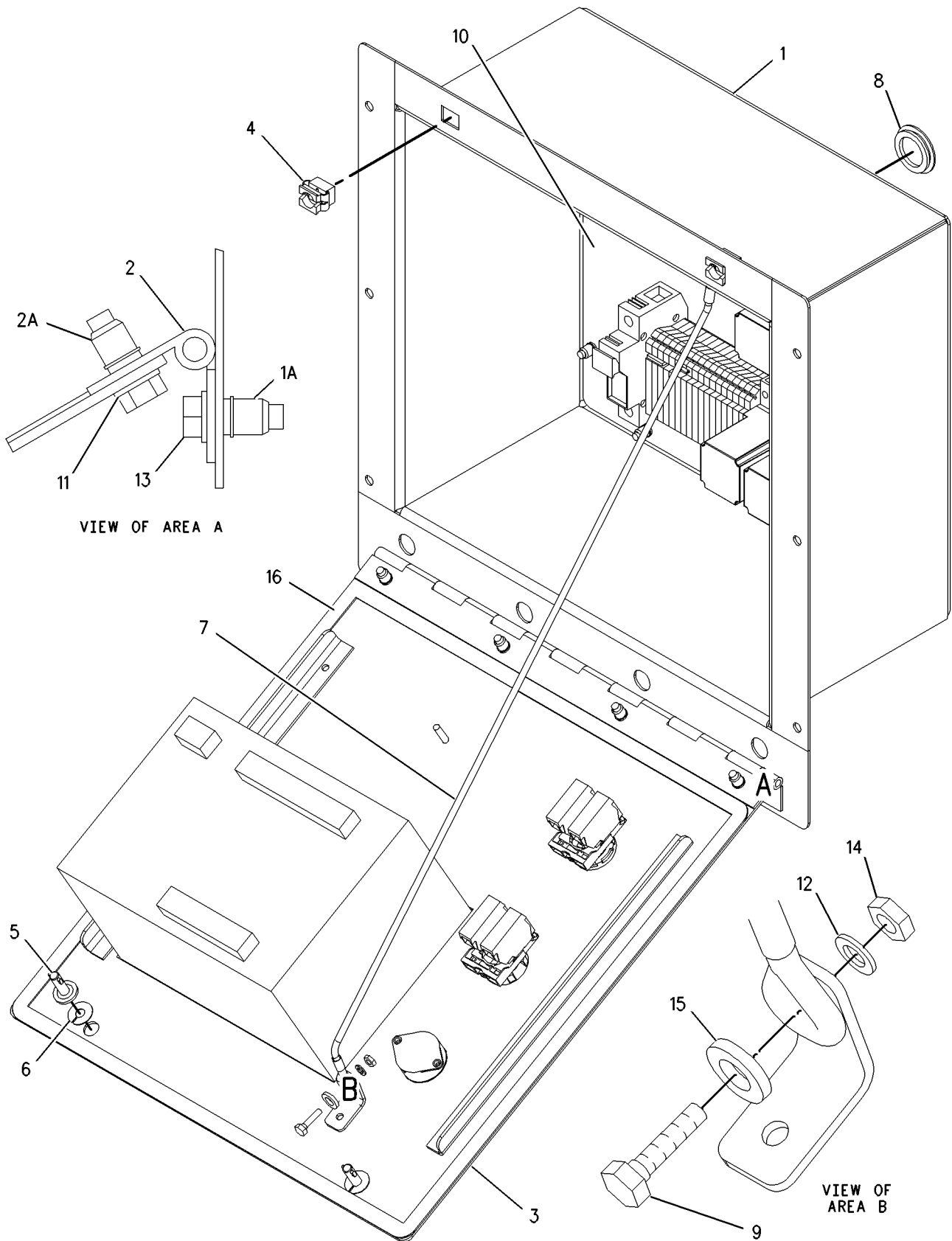
M-METRIC PART  
Y-SEPARATE ILLUSTRATION



# OPERATOR STATION

213-2028 PANEL GP-ELECTRONIC (contd.)

i01642203



GRAPHIC #1

<END>

g00853338



# OPERATOR STATION

## 213-2031 PANEL GP-ELECTRONIC

S/N: SNX1-UP  
FOR USE WITH 24V DC, 110V AC  
AN ATTACHMENT

SMCS-4490, 7490

i01642205

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	205-0499	1	PANEL AS						
	1A	1	203-5398	4	INSERT						
	2	1	205-3657	1	HINGE AS						
	2A	1	203-5398	4	INSERT						
Y	3	1	212-6772	1	PANEL GP-CONTROL						291
	4	1	212-6889	2	RECEPTACLE						
	5	1	212-6890	2	STUD						
	6	1	212-6891	2	RETAINER						
	7	1	212-7967	1	STRAP-DOOR						
	8	1	213-0985	1	GROMMET						
M	9	1	170-5632	2	BOLT-HEX HEAD (M4X0.7X16MM)						
Y	10	1	213-2035	1	PANEL GP-ELECTRONIC						350
M	11	1	6V-4298	16	BOLT (M5X0.8X16MM)						
	12	1	8C-9660	2	WASHER (4.6X7.9X0.8MM THK)						
	13	1	8T-0328	16	WASHER-HARD (5.5X10X1MM THK)						
M	14	1	8T-7961	2	LOCKNUT						
	15	1	9X-8256	2	WASHER (6.6X12X2MM THK)						
	16	1	143-8799	1	SEAL						

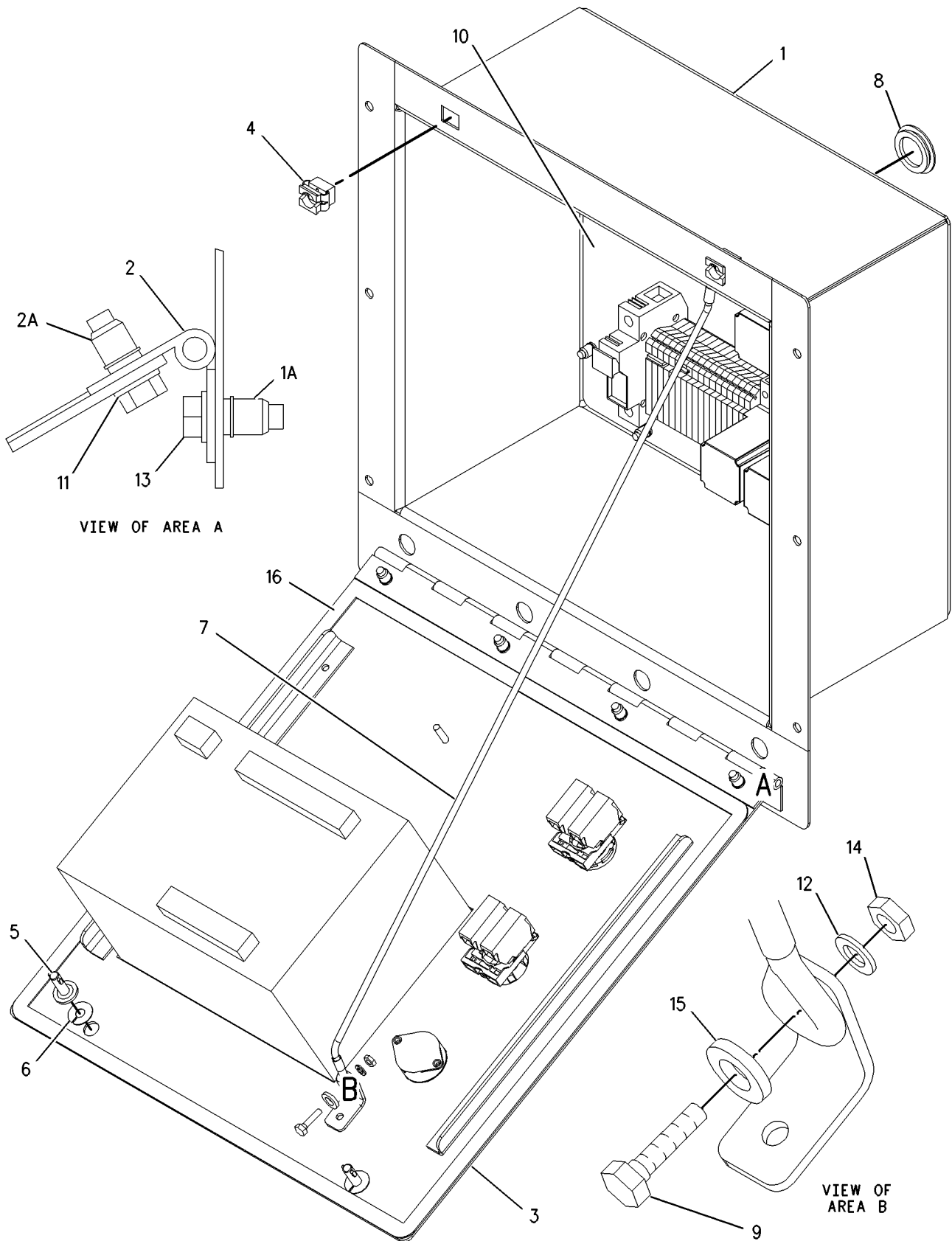
M-METRIC PART  
Y-SEPARATE ILLUSTRATION



# OPERATOR STATION

213-2031 PANEL GP-ELECTRONIC (contd.)

i01642205



GRAPHIC #1

<END>

g00853338



# OPERATOR STATION

## 213-2033 PANEL GP-ELECTRONIC

S/N: SNX1-UP  
FOR USE WITH 24V DC, 230V AC  
AN ATTACHMENT

SMCS-4490, 7490

i01642206

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	205-0499	1	PANEL AS						
	1A	1	203-5398	4	INSERT						
	2	1	205-3657	1	HINGE AS						
	2A	1	203-5398	4	INSERT						
Y	3	1	212-6772	1	PANEL GP-CONTROL						291
	4	1	212-6889	2	RECEPTACLE						
	5	1	212-6890	2	STUD						
	6	1	212-6891	2	RETAINER						
	7	1	212-7967	1	STRAP-DOOR						
	8	1	213-0985	1	GROMMET						
M	9	1	170-5632	2	BOLT-HEX HEAD (M4X0.7X16MM)						
Y	10	1	213-2036	1	PANEL GP-ELECTRONIC						351
M	11	1	6V-4298	16	BOLT (M5X0.8X16MM)						
	12	1	8C-9660	2	WASHER (4.6X7.9X0.8MM THK)						
	13	1	8T-0328	16	WASHER-HARD (5.5X10X1MM THK)						
M	14	1	8T-7961	2	LOCKNUT						
	15	1	9X-8256	2	WASHER (6.6X12X2MM THK)						
	16	1	143-8799	1	SEAL						

M-METRIC PART  
Y-SEPARATE ILLUSTRATION

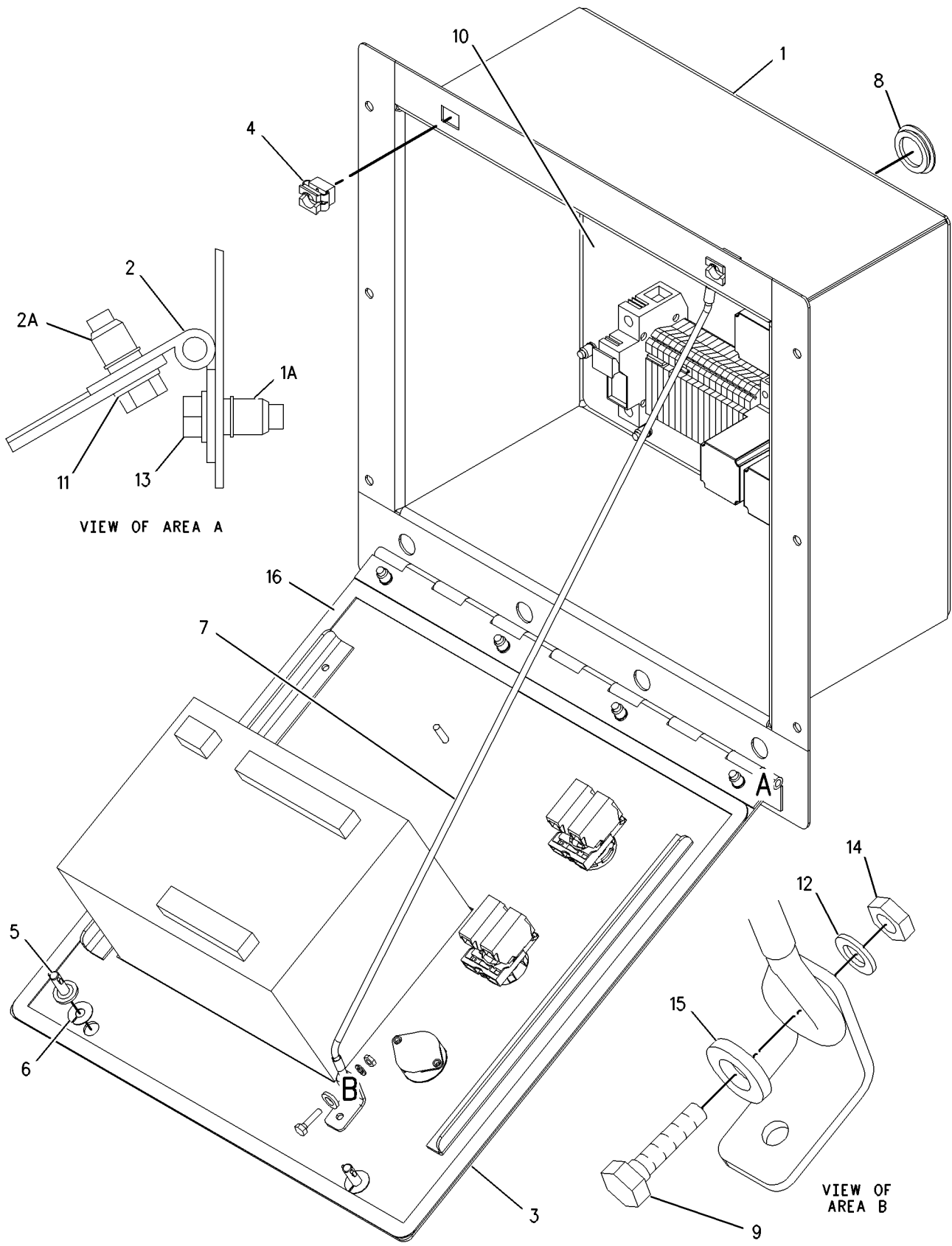




# OPERATOR STATION

213-2033 PANEL GP-ELECTRONIC (contd.)

i01642206



GRAPHIC #1

<END>

g00853338



# OPERATOR STATION

## 213-2034 PANEL GP-ELECTRONIC

S/N: SNX1-UP

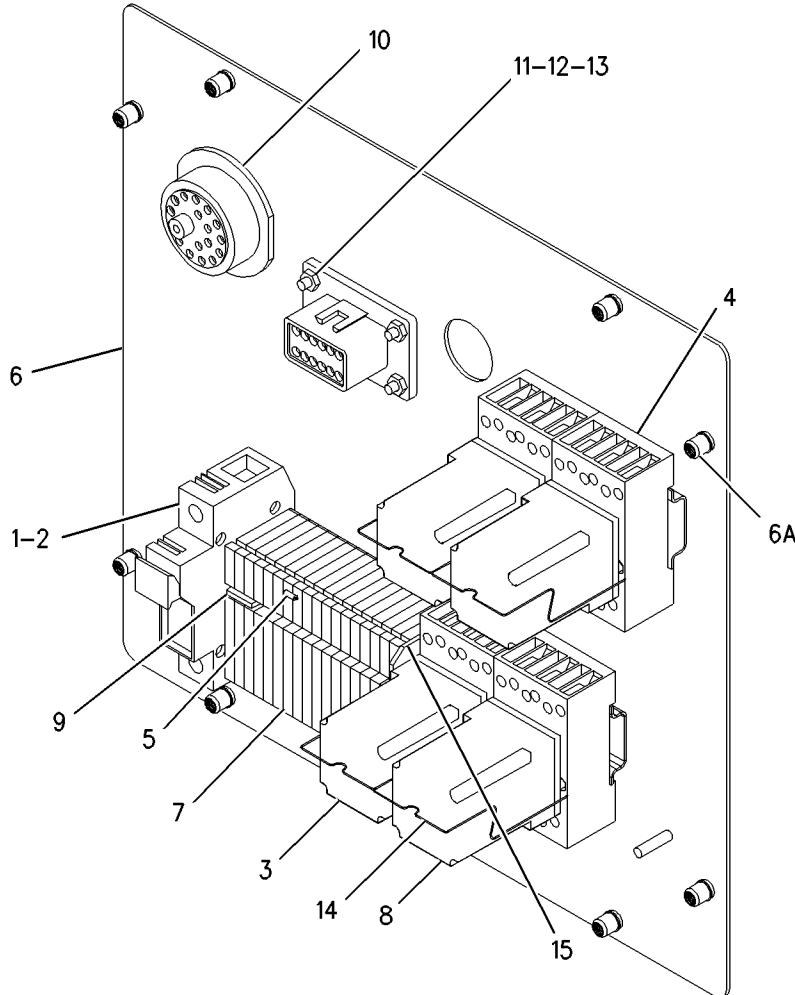
PART OF 213-2028 PANEL GP-ELECTRONIC  
AN ATTACHMENT

SMCS-4490, 7490

i01998047

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	160-9602	1	HOLDER-FUSE						
	2	1	143-4472	1	FUSE (6 AMP)						
	3	1	143-4477	2	RELAY (AC 240-VOLT)						
	4	1	143-4479	3	SOCKET-RELAY						
	5	1	143-5090	1	DIODE AS						
	6	1	206-8678	1	CHASSIS AS						
	6A	1	203-5398	8	INSERT						
	7	1	206-9527	15	TERMINAL (2.5MM)						
	8	1	206-9530	1	RELAY (DC, 12V)						
	9	1	213-2565	1	LINK						
	10	1	214-9411	1	HARNESS AS						
	11	1	8C-9660	4	WASHER (4.6X7.9X0.8MM THK)						
M	12	1	8T-0337	4	SCREW-MACHINE (M4X0.7X12MM)						
M	13	1	8T-7961	4	LOCKNUT						
	14	1	220-1560	4	HOLDER (RELAY)						
	15	1	219-9127	1	COVER-TERMINAL						

M-METRIC PART



GRAPHIC #1

<END>

g00929968



# OPERATOR STATION

## 213-2035 PANEL GP-ELECTRONIC

S/N: SNX1-UP

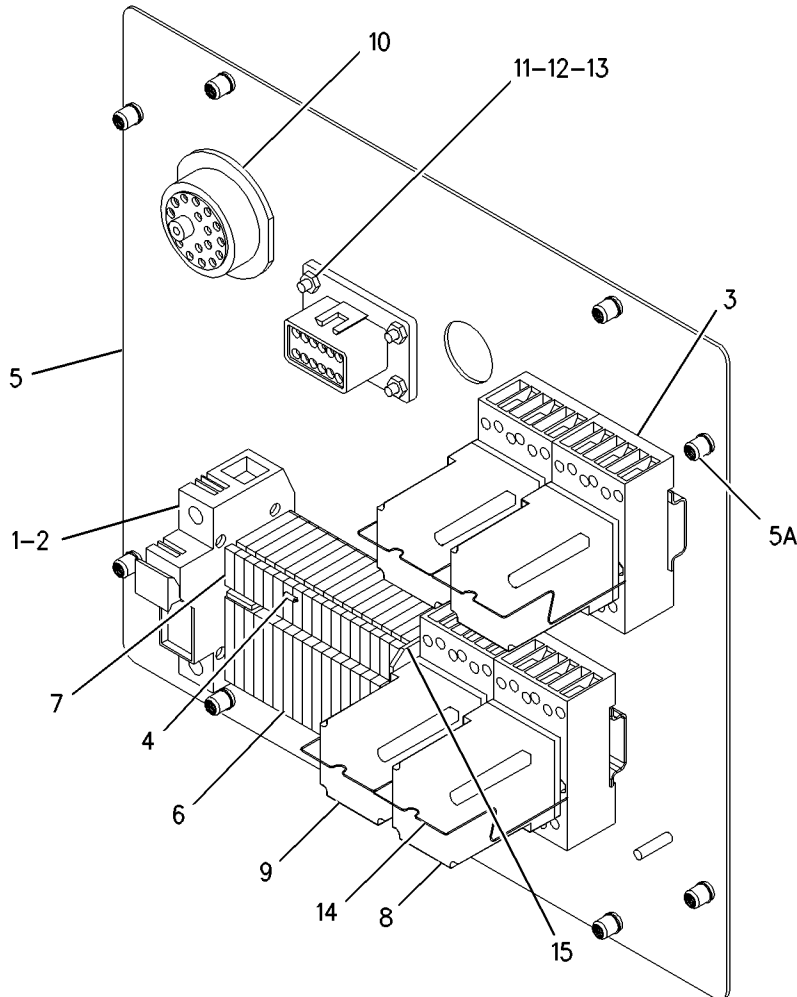
PART OF 213-2031 PANEL GP-ELECTRONIC  
AN ATTACHMENT

SMCS-4490, 7490

i01998046

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	160-9602	1	HOLDER-FUSE						
	2	1	143-4472	1	FUSE (6 AMP)						
	3	1	143-4479	4	SOCKET-RELAY						
	4	1	143-5090	1	DIODE AS						
	5	1	206-8678	1	CHASSIS AS						
	5A	1	203-5398	8	INSERT						
	6	1	206-9527	18	TERMINAL (2.5MM)						
	7	1	213-2565	1	LINK						
	8	1	143-4478	3	RELAY (24-VOLT, 11 PIN)						
	9	1	212-9863	1	RELAY (AC, 110V)						
	10	1	214-9411	1	HARNESS AS						
	11	1	8C-9660	4	WASHER (4.6X7.9X0.8MM THK)						
M	12	1	8T-0337	4	SCREW-MACHINE (M4X0.7X12MM)						
M	13	1	8T-7961	4	LOCKNUT						
	14	1	220-1560	4	HOLDER (RELAY)						
	15	1	219-9127	1	COVER-TERMINAL						

M-METRIC PART



GRAPHIC #1

<END>

g00929935



# OPERATOR STATION

## 213-2036 PANEL GP-ELECTRONIC

S/N: SNX1-UP

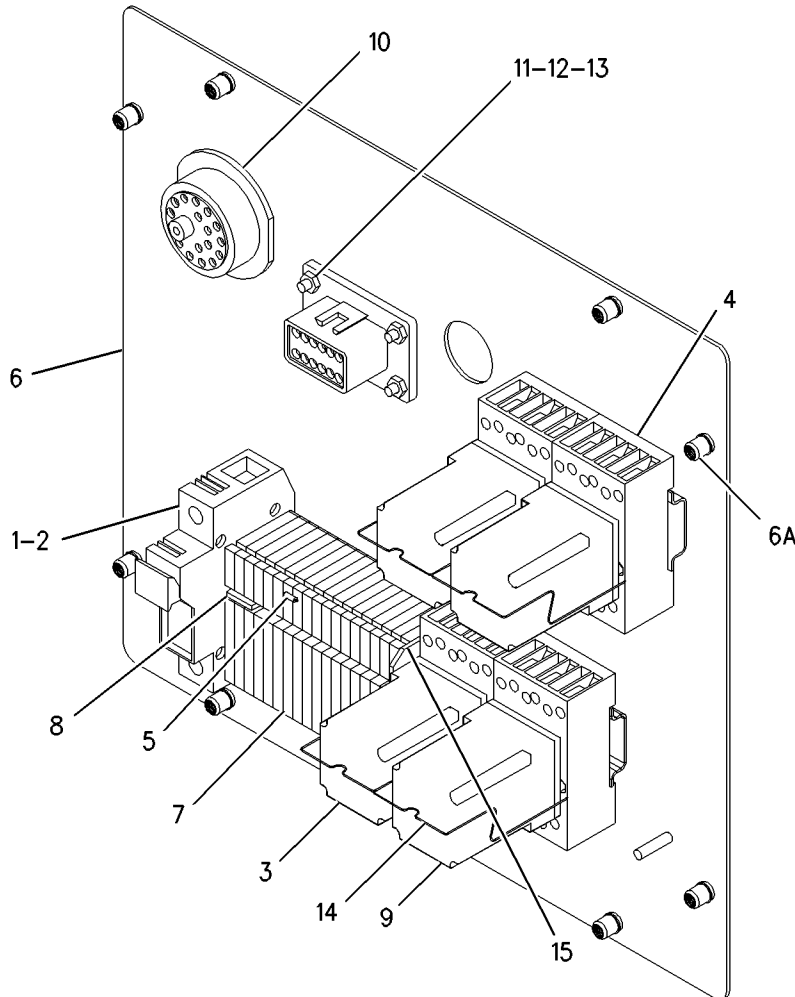
PART OF 213-2033 PANEL GP-ELECTRONIC  
AN ATTACHMENT

SMCS-4490, 7490

i01998050

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	160-9602	1	HOLDER-FUSE						
	2	1	143-4472	1	FUSE (6 AMP)						
	3	1	143-4477	1	RELAY (AC 240-VOLT)						
	4	1	143-4479	4	SOCKET-RELAY						
	5	1	143-5090	1	DIODE AS						
	6	1	206-8678	1	CHASSIS AS						
	6A	1	203-5398	8	INSERT						
	7	1	206-9527	18	TERMINAL (2.5MM)						
	8	1	213-2565	1	LINK						
	9	1	143-4478	3	RELAY (24-VOLT, 11 PIN)						
	10	1	214-9411	1	HARNESS AS						
	11	1	8C-9660	4	WASHER (4.6X7.9X0.8MM THK)						
M	12	1	8T-0337	4	SCREW-MACHINE (M4X0.7X12MM)						
M	13	1	8T-7961	4	LOCKNUT						
	14	1	220-1560	4	HOLDER (RELAY)						
	15	1	219-9127	1	COVER-TERMINAL						

M-METRIC PART



GRAPHIC #1

<END>

g00929965



# OPERATOR STATION

## 214-4612 PANEL GP-ELECTRONIC

S/N: SNX1-UP

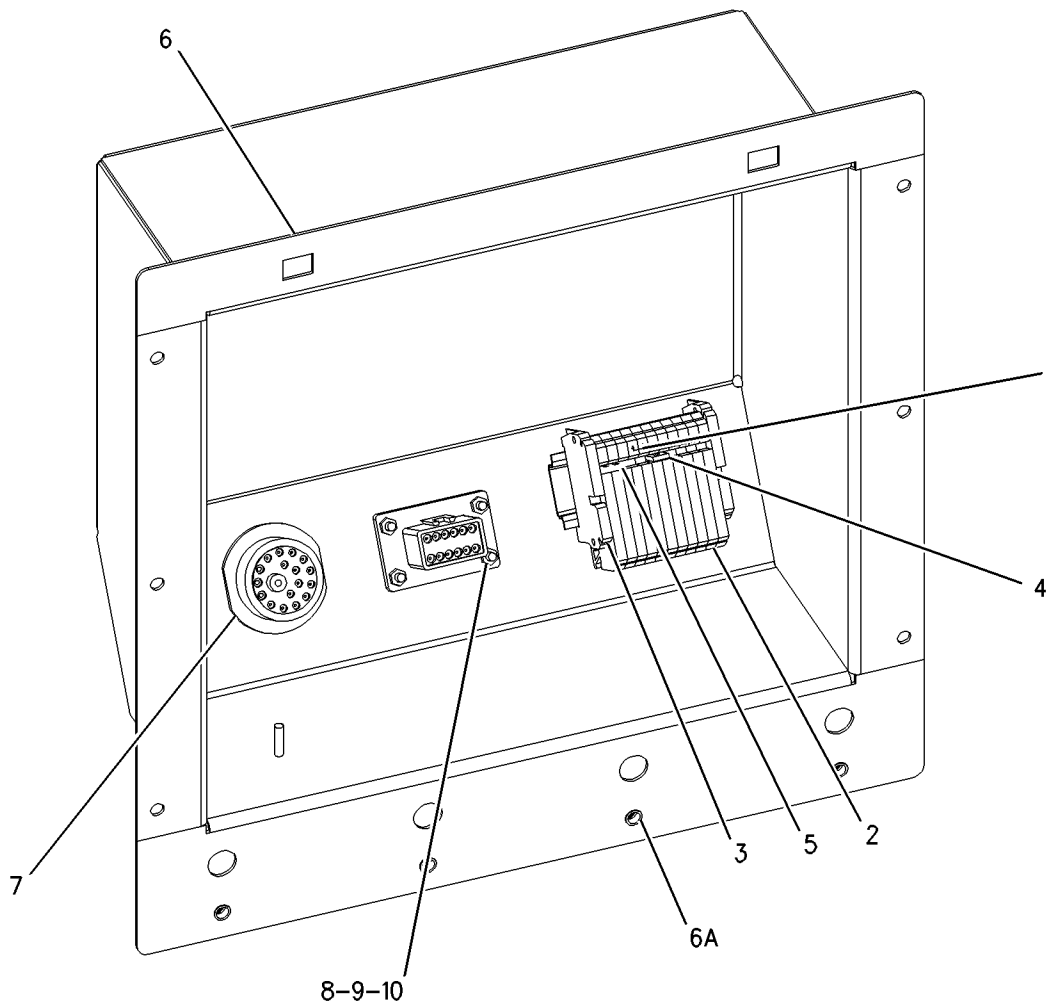
PART OF 214-4613, 214-5872, 214-5873, 214-5874, 214-5875, 214-5876, 214-5877,  
214-5878, 214-5879, 214-5880, 214-5881, 214-5882 PANEL GP-ELECTRONIC  
AN ATTACHMENT

SMCS-4490, 7490

i01648530

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	143-5090	1	DIODE AS						
	2	1	206-9527	11	TERMINAL (2.5MM)						
	3	1	213-0249	2	TERMINAL (EARTH)						
	4	1	213-2561	1	LINK						
	5	1	213-2565	1	LINK						
	6	1	214-4610	1	PANEL AS						
	6A	1	203-5398	4	INSERT						
	7	1	214-9404	1	HARNESS AS						
	8	1	8C-9660	4	WASHER (4.6X7.9X0.8MM THK)						
M	9	1	8T-0337	4	SCREW-MACHINE (M4X0.7X12MM)						
M	10	1	8T-7961	4	LOCKNUT						

M-METRIC PART



GRAPHIC #1

<END>

g00854455



# OPERATOR STATION

## 214-4613 PANEL GP - ELECTRONIC

S/N: SNX1-UP

FOR USE WITH 12V DC, 300V AC/200A DISPLAY  
AN ATTACHMENT

SMCS-4490, 7490

i01642445

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	205-3657	1	HINGE AS						
	1A	1	203-5398	4	INSERT						
	2	1	212-6889	2	RECEPTACLE						
	3	1	212-6890	2	STUD						
	4	1	212-6891	2	RETAINER						
Y	5	1	214-4612	1	PANEL GP - ELECTRONIC						352
Y	6	1	214-4614	1	PANEL GP - CONTROL						295
M	7	1	170-5632	2	BOLT - HEX HEAD (M4X0.7X16MM)						
	8	1	214-7440	1	STRAP - DOOR						
M	9	1	6V-4298	8	BOLT (M5X0.8X16MM)						
	10	1	8C-9660	2	WASHER (4.6X7.9X0.8MM THK)						
	11	1	8T-0328	8	WASHER - HARD (5.5X10X1MM THK)						
M	12	1	8T-7961	2	LOCKNUT						
	13	1	9X-8256	2	WASHER (6.6X12X2MM THK)						
	14	1	143-8799	1	SEAL						

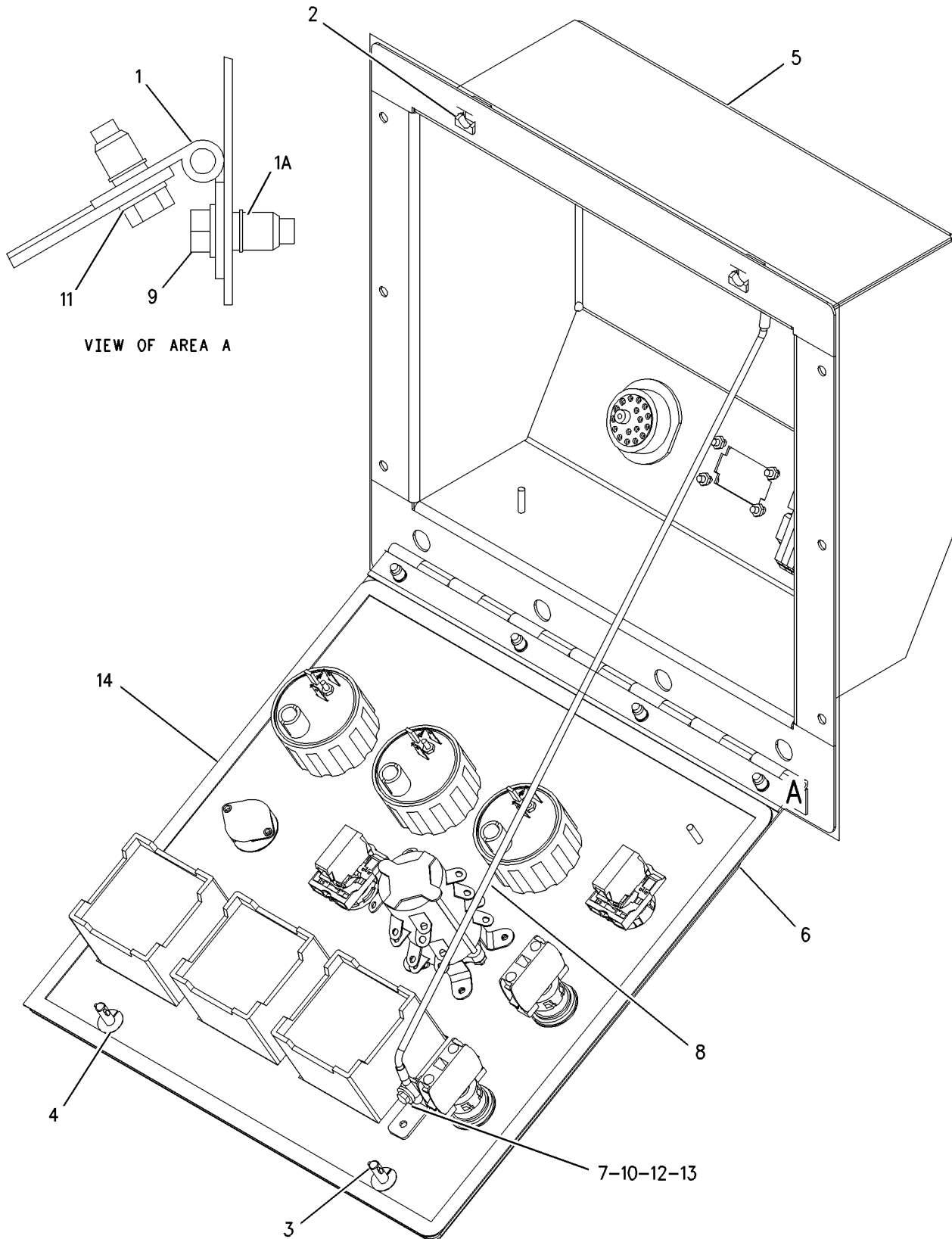
M - METRIC PART  
Y - SEPARATE ILLUSTRATION



# OPERATOR STATION

214-4613 PANEL GP-ELECTRONIC (contd.)

i01642445



GRAPHIC #1

<END>

g00853161



# OPERATOR STATION

## 214-5872 PANEL GP-ELECTRONIC

S/N: SNX1-UP

FOR USE WITH 12V DC, 300V AC/300A DISPLAY  
AN ATTACHMENT

SMCS-4490, 7490

i01642472

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	205-3657	1	HINGE AS						
	1A	1	203-5398	4	INSERT						
		1	204-8658	4	HINGE						
	2	1	212-6889	2	RECEPTACLE						
	3	1	212-6890	2	STUD						
	4	1	212-6891	2	RETAINER						
Y	5	1	214-4612	1	PANEL GP-ELECTRONIC						352
M	6	1	170-5632	2	BOLT-HEX HEAD (M4X0.7X16MM)						
Y	7	1	214-5885	1	PANEL GP-CONTROL						297
	8	1	214-7440	1	STRAP-DOOR						
M	9	1	6V-4298	8	BOLT (M5X0.8X16MM)						
	10	1	8C-9660	2	WASHER (4.6X7.9X0.8MM THK)						
	11	1	8T-0328	8	WASHER-HARD (5.5X10X1MM THK)						
M	12	1	8T-7961	2	LOCKNUT						
	13	1	9X-8256	2	WASHER (6.6X12X2MM THK)						
	14	1	143-8799	1	SEAL						

M-METRIC PART  
Y-SEPARATE ILLUSTRATION

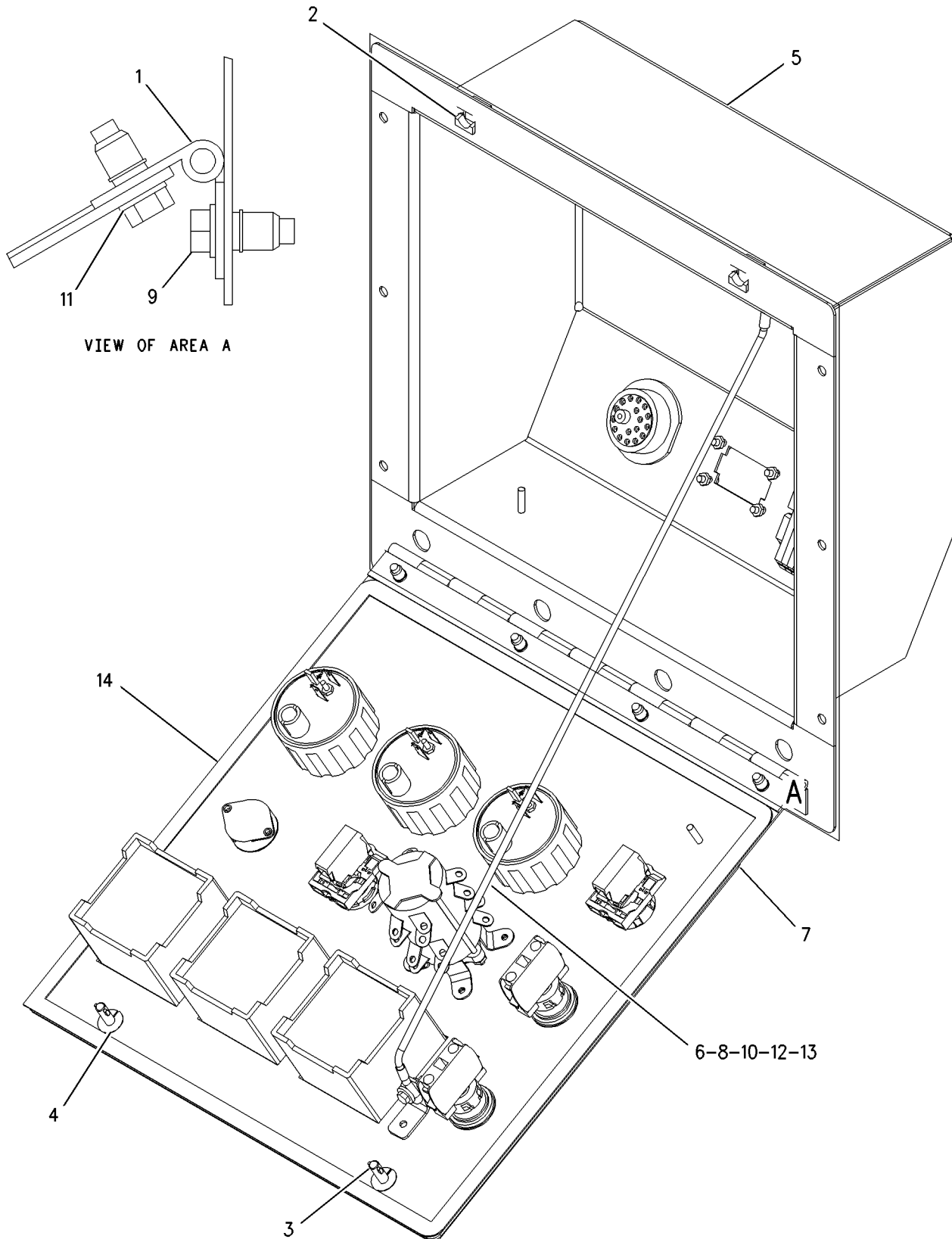




# OPERATOR STATION

214-5872 PANEL GP-ELECTRONIC (contd.)

i01642472



GRAPHIC #1

<END>

g00860037



# OPERATOR STATION

## 214-5873 PANEL GP-ELECTRONIC

S/N: SNX1-UP

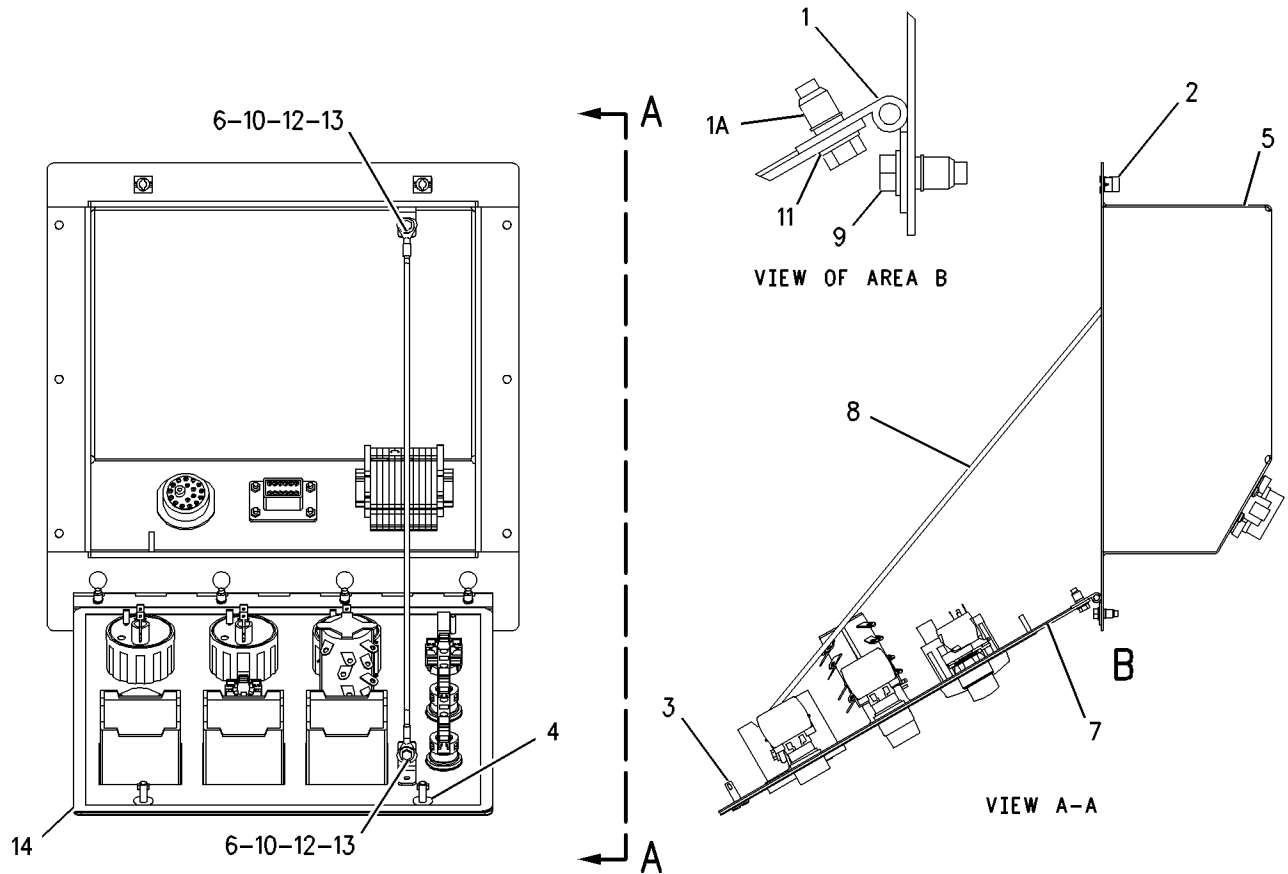
FOR USE WITH 12V DC, 300V AC/400A DISPLAY  
AN ATTACHMENT

SMCS-4490, 7490

i01642473

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	205-3657	1	HINGE AS						
	1A	1	203-5398	4	INSERT						
		1	204-8658	1	HINGE						
	2	1	212-6889	2	RECEPTACLE						
	3	1	212-6890	2	STUD						
	4	1	212-6891	2	RETAINER						
Y	5	1	214-4612	1	PANEL GP-ELECTRONIC						352
M	6	1	170-5632	2	BOLT-HEX HEAD (M4X0.7X16MM)						
Y	7	1	214-5886	1	PANEL GP-CONTROL						299
	8	1	214-7440	1	STRAP-DOOR						
M	9	1	6V-4298	8	BOLT (M5X0.8X16MM)						
	10	1	8C-9660	2	WASHER (4.6X7.9X0.8MM THK)						
	11	1	8T-0328	8	WASHER-HARD (5.5X10X1MM THK)						
M	12	1	8T-7961	2	LOCKNUT						
	13	1	9X-8256	2	WASHER (6.6X12X2MM THK)						
	14	1	143-8799	1	SEAL						

M-METRIC PART  
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00854946



# OPERATOR STATION

## 214-5874 PANEL GP-ELECTRONIC

S/N: SNX1-UP

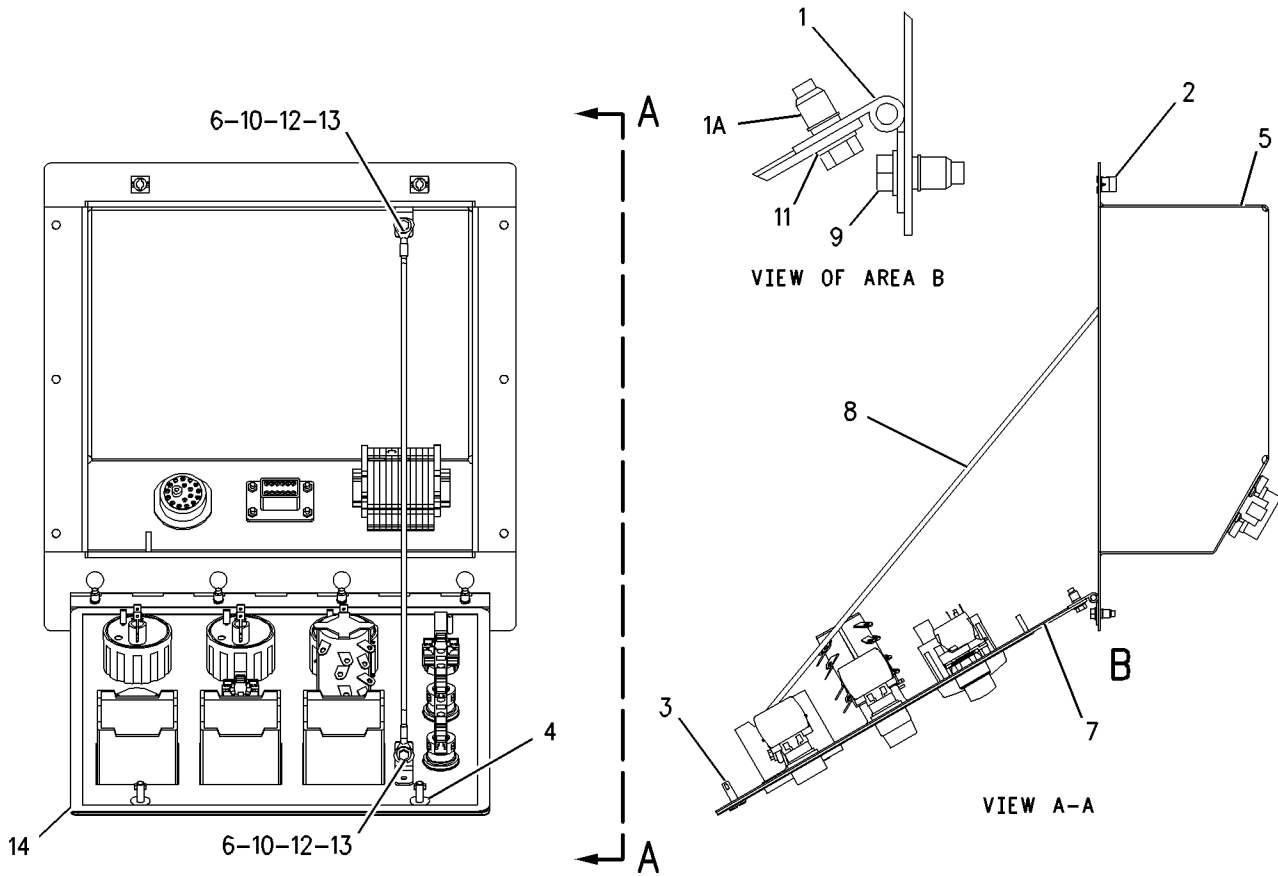
FOR USE WITH 24V DC, 300V AC/200A DISPLAY  
AN ATTACHMENT

SMCS-4490, 7490

i01642476

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	1 2 3 4 5 6 (PRODUCT LEVEL)						SEE PAGE
	1	1	205-3657	1	HINGE AS							
	1A	1	203-5398	4	INSERT							
		1	204-8658	1	HINGE							
	2	1	212-6889	2	RECEPTACLE							
	3	1	212-6890	2	STUD							
	4	1	212-6891	2	RETAINER							
Y	5	1	214-4612	1	PANEL GP-ELECTRONIC							352
M	6	1	170-5632	2	BOLT-HEX HEAD (M4X0.7X16MM)							
Y	7	1	214-5887	1	PANEL GP-CONTROL							301
	8	1	214-7440	1	STRAP-DOOR							
M	9	1	6V-4298	8	BOLT (M5X0.8X16MM)							
	10	1	8C-9660	2	WASHER (4.6X7.9X0.8MM THK)							
	11	1	8T-0328	8	WASHER-HARD (5.5X10X1MM THK)							
M	12	1	8T-7961	2	LOCKNUT							
	13	1	9X-8256	2	WASHER (6.6X12X2MM THK)							
	14	1	143-8799	1	SEAL							

M-METRIC PART  
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00854946



# OPERATOR STATION

## 214-5875 PANEL GP-ELECTRONIC

S/N: SNX1-UP

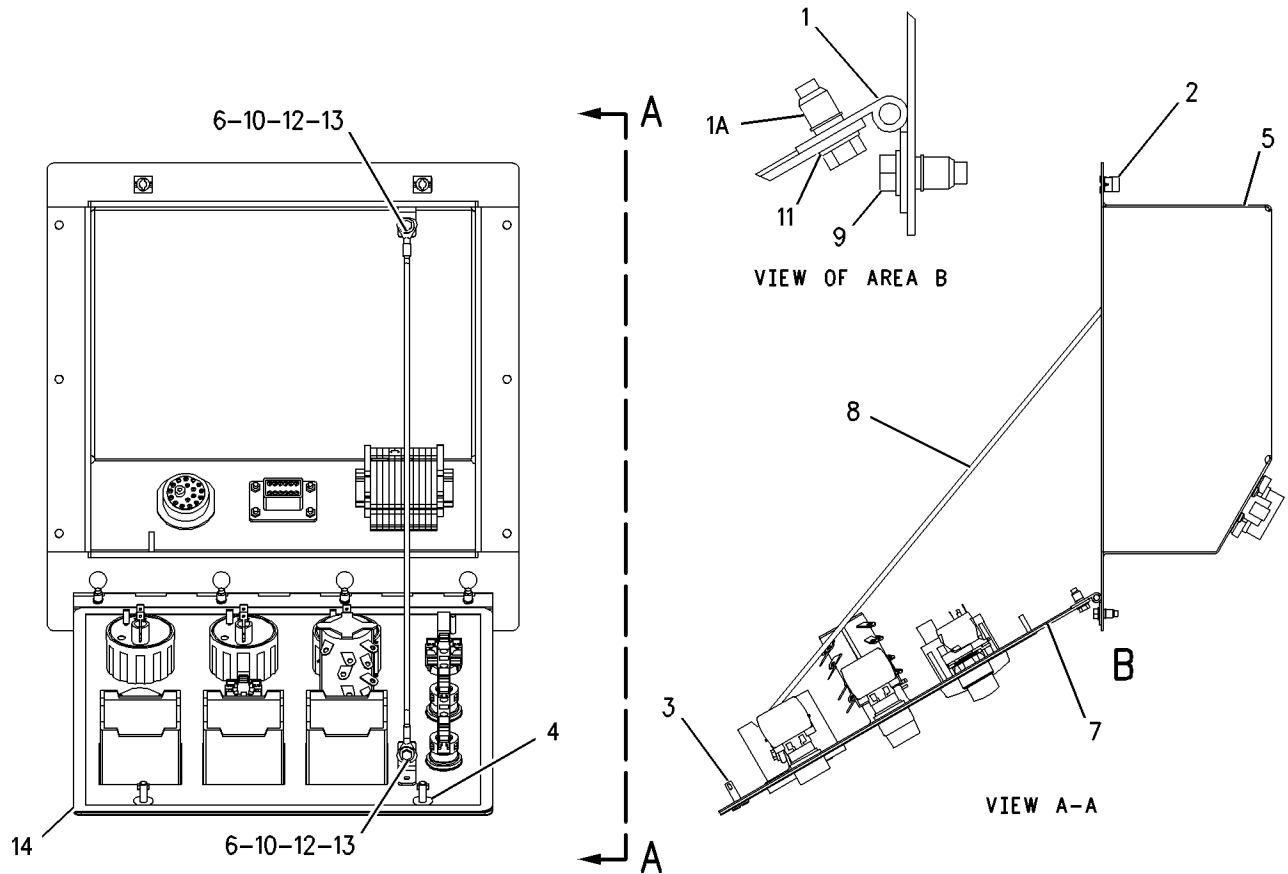
FOR USE WITH 24V DC, 300V AC/300A DISPLAY  
AN ATTACHMENT

SMCS-4490, 7490

i01642480

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	205-3657	1	HINGE AS						
	1A	1	203-5398	4	INSERT						
		1	204-8658	1	HINGE						
	2	1	212-6889	2	RECEPTACLE						
	3	1	212-6890	2	STUD						
	4	1	212-6891	2	RETAINER						
Y	5	1	214-4612	1	PANEL GP-ELECTRONIC						352
M	6	1	170-5632	2	BOLT-HEX HEAD (M4X0.7X16MM)						
Y	7	1	214-5888	1	PANEL GP-CONTROL						303
	8	1	214-7440	1	STRAP-DOOR						
M	9	1	6V-4298	8	BOLT (M5X0.8X16MM)						
	10	1	8C-9660	2	WASHER (4.6X7.9X0.8MM THK)						
	11	1	8T-0328	8	WASHER-HARD (5.5X10X1MM THK)						
M	12	1	8T-7961	2	LOCKNUT						
	13	1	9X-8256	2	WASHER (6.6X12X2MM THK)						
	14	1	143-8799	1	SEAL						

M-METRIC PART  
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00854946



# OPERATOR STATION

## 214-5876 PANEL GP-ELECTRONIC

S/N: SNX1-UP

FOR USE WITH 24V DC, 300V AC/400A DISPLAY  
AN ATTACHMENT

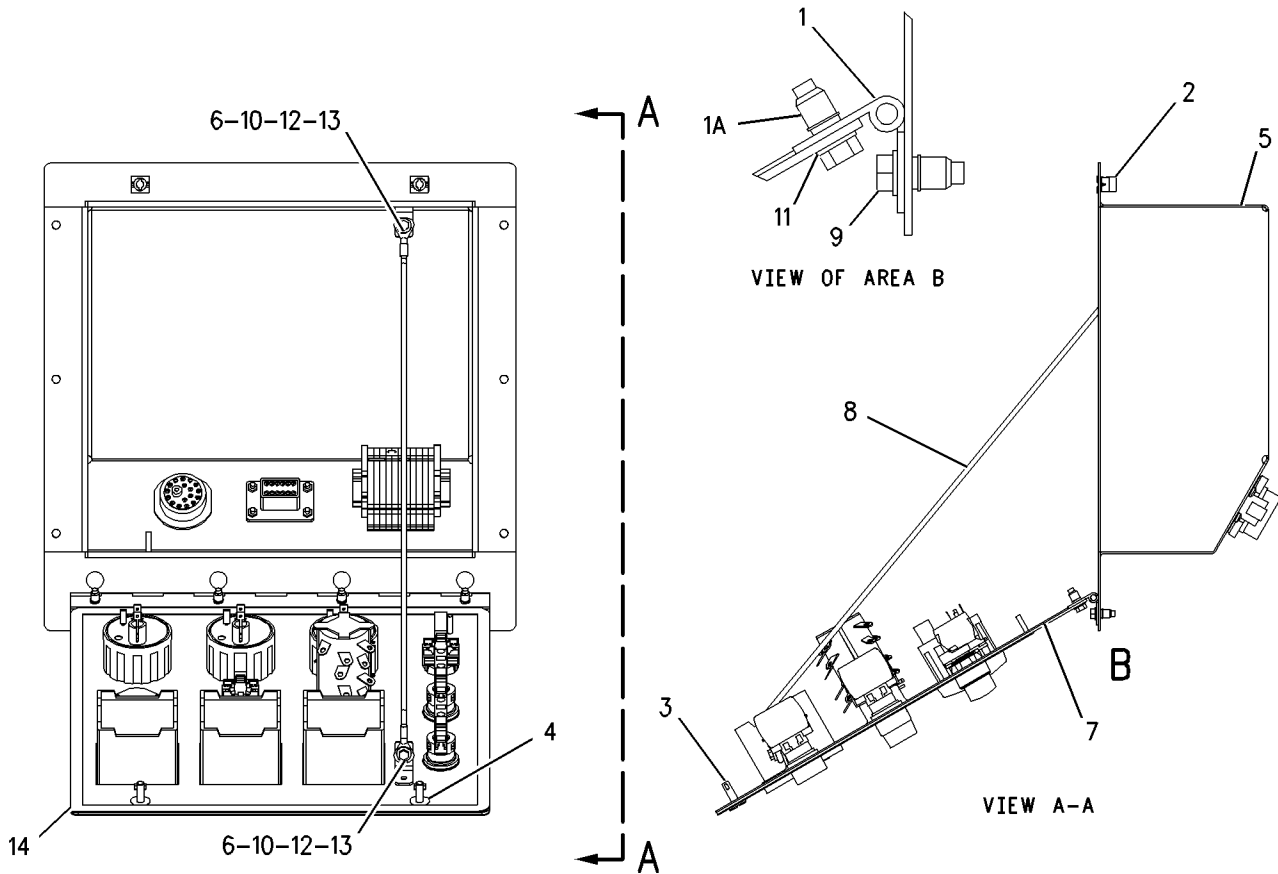
SMCS-4490, 7490

i01642486

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	1 2 3 4 5 6 (PRODUCT LEVEL)						SEE PAGE
	1	1	205-3657	1	HINGE AS							
	1A	1	203-5398	4	INSERT							
		1	204-8658	1	HINGE							
	2	1	212-6889	2	RECEPTACLE							
	3	1	212-6890	2	STUD							
	4	1	212-6891	2	RETAINER							
Y	5	1	214-4612	1	PANEL GP-ELECTRONIC							352
M	6	1	170-5632	2	BOLT-HEX HEAD (M4X0.7X16MM)							
Y	7	1	214-5889	1	PANEL GP-CONTROL							305
	8	1	214-7440	1	STRAP-DOOR							
M	9	1	6V-4298	8	BOLT (M5X0.8X16MM)							
	10	1	8C-9660	2	WASHER (4.6X7.9X0.8MM THK)							
	11	1	8T-0328	8	WASHER-HARD (5.5X10X1MM THK)							
M	12	1	8T-7961	2	LOCKNUT							
	13	1	9X-8256	2	WASHER (6.6X12X2MM THK)							
	14	1	143-8799	1	SEAL							

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00854946



# OPERATOR STATION

## 214-5877 PANEL GP-ELECTRONIC

S/N: SNX1-UP

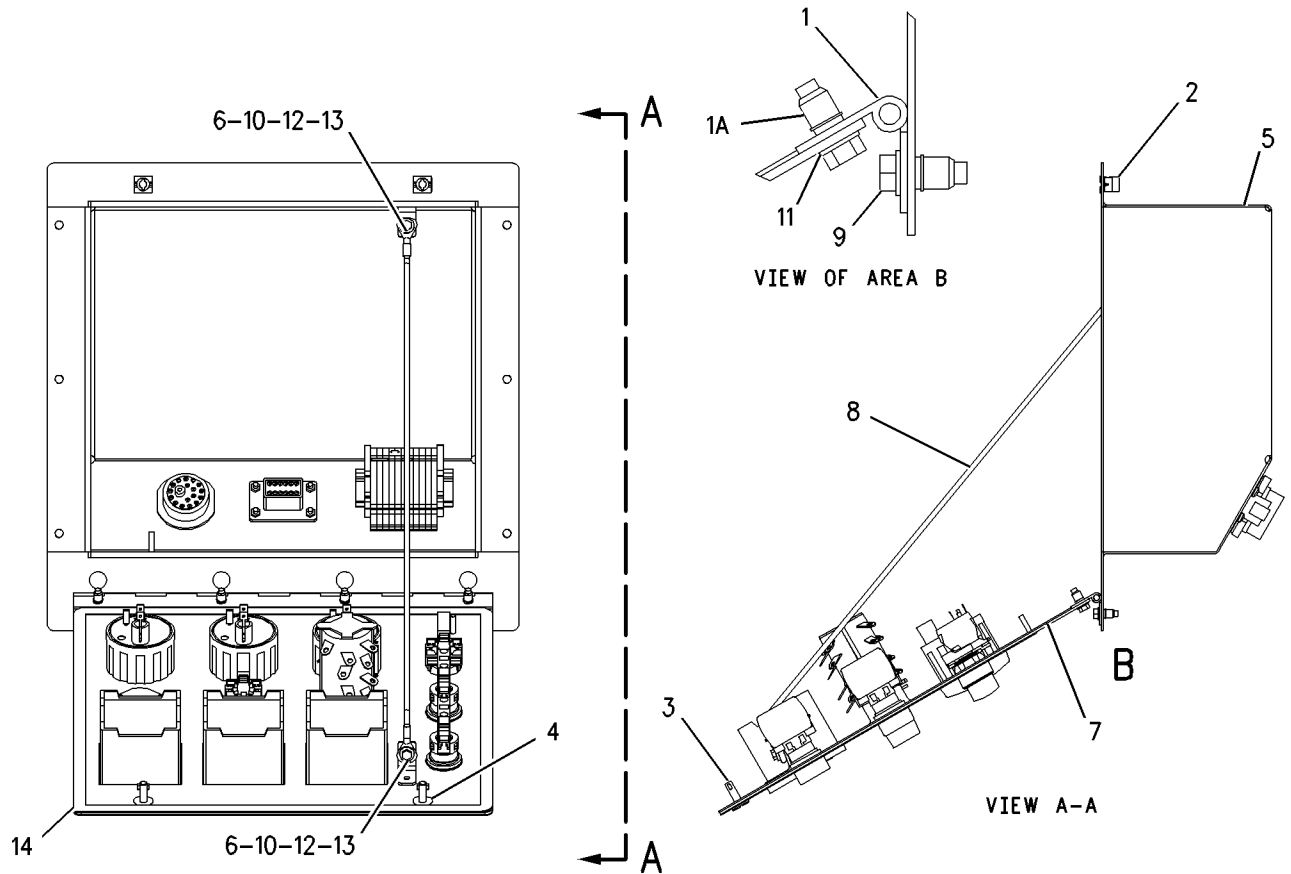
FOR USE WITH 12V DC, 500V AC/100A DISPLAY  
AN ATTACHMENT

SMCS-4490, 7490

i01642487

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	205-3657	1	HINGE AS						
	1A	1	203-5398	4	INSERT						
		1	204-8658	1	HINGE						
	2	1	212-6889	2	RECEPTACLE						
	3	1	212-6890	2	STUD						
	4	1	212-6891	2	RETAINER						
Y	5	1	214-4612	1	PANEL GP-ELECTRONIC						352
M	6	1	170-5632	2	BOLT-HEX HEAD (M4X0.7X16MM)						
Y	7	1	214-5890	1	PANEL GP-CONTROL						307
	8	1	214-7440	1	STRAP-DOOR						
M	9	1	6V-4298	8	BOLT (M5X0.8X16MM)						
	10	1	8C-9660	2	WASHER (4.6X7.9X0.8MM THK)						
	11	1	8T-0328	8	WASHER-HARD (5.5X10X1MM THK)						
M	12	1	8T-7961	2	LOCKNUT						
	13	1	9X-8256	2	WASHER (6.6X12X2MM THK)						
	14	1	143-8799	1	SEAL						

M-METRIC PART  
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00854946



# OPERATOR STATION

## 214-5878 PANEL GP-ELECTRONIC

S/N: SNX1-UP

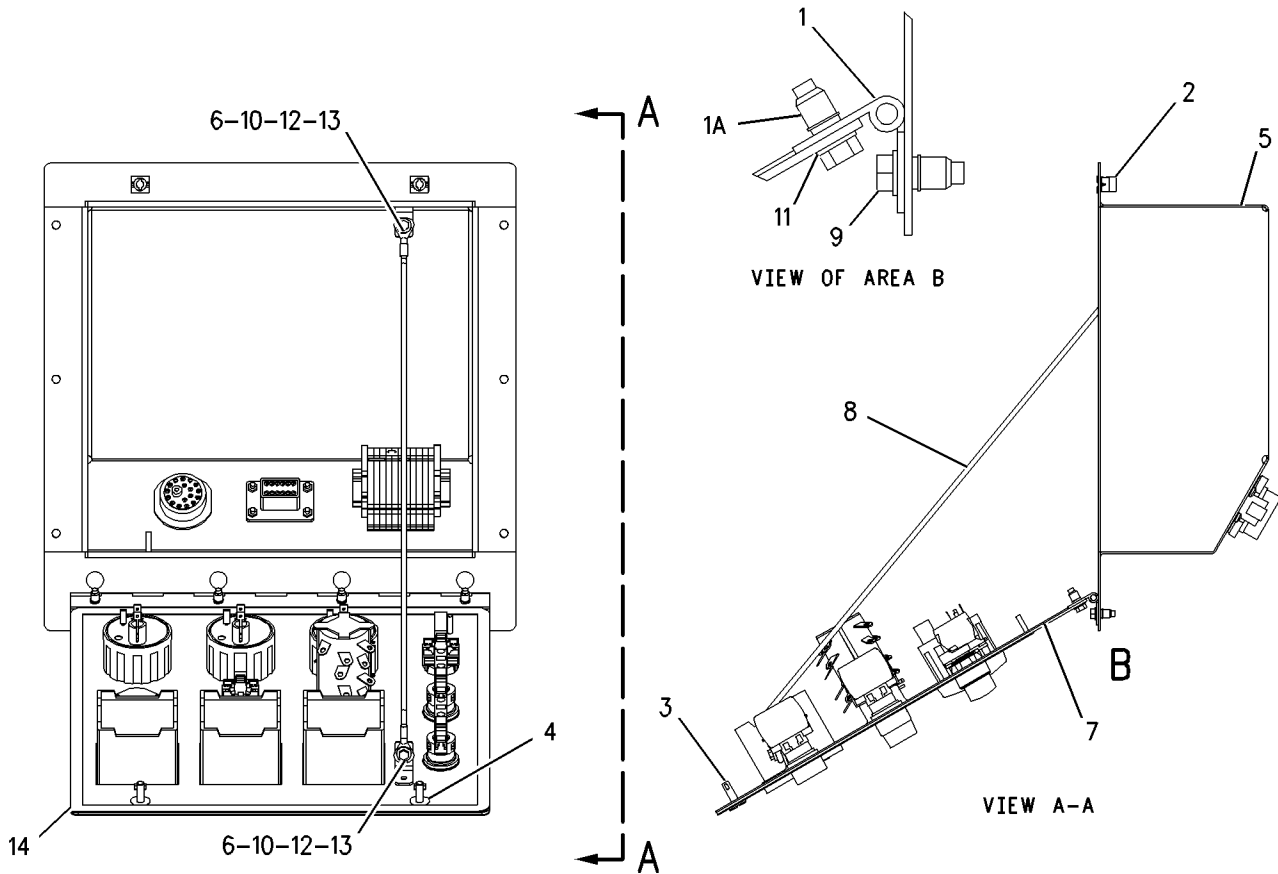
FOR USE WITH 12V DC, 500V AC/200A DISPLAY  
AN ATTACHMENT

SMCS-4490, 7490

i01642488

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME	1 2 3 4 5 6 (PRODUCT LEVEL)						SEE PAGE
	1	1	205-3657	1	HINGE AS							
	1A	1	203-5398	4	INSERT							
		1	204-8658	1	HINGE							
	2	1	212-6889	2	RECEPTACLE							
	3	1	212-6890	2	STUD							
	4	1	212-6891	2	RETAINER							
Y	5	1	214-4612	1	PANEL GP-ELECTRONIC							352
M	6	1	170-5632	2	BOLT-HEX HEAD (M4X0.7X16MM)							
Y	7	1	214-5891	1	PANEL GP-CONTROL							309
	8	1	214-7440	1	STRAP-DOOR							
M	9	1	6V-4298	8	BOLT (M5X0.8X16MM)							
	10	1	8C-9660	2	WASHER (4.6X7.9X0.8MM THK)							
	11	1	8T-0328	8	WASHER-HARD (5.5X10X1MM THK)							
M	12	1	8T-7961	2	LOCKNUT							
	13	1	9X-8256	2	WASHER (6.6X12X2MM THK)							
	14	1	143-8799	1	SEAL							

M-METRIC PART  
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00854946



# OPERATOR STATION

## 214-5879 PANEL GP-ELECTRONIC

S/N: SNX1-UP

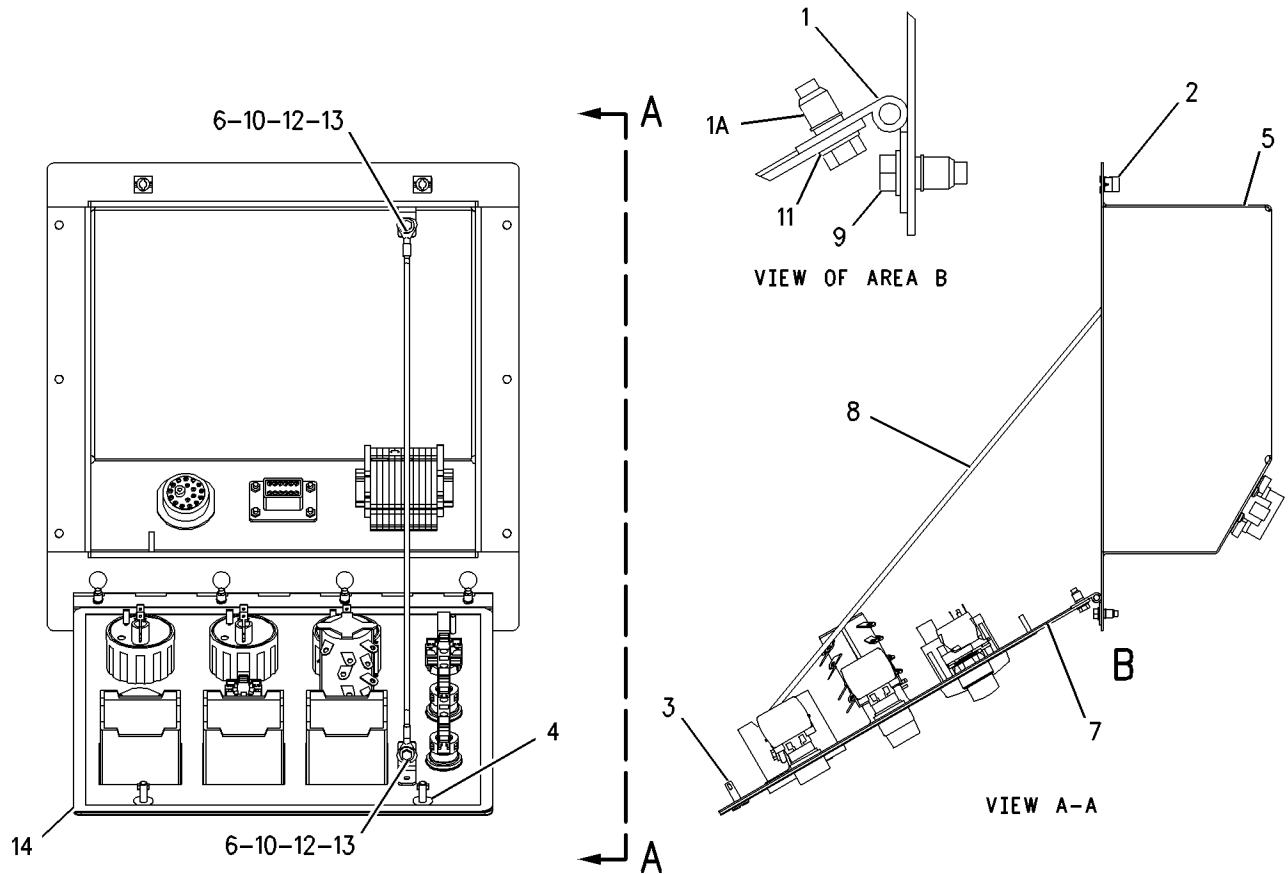
FOR USE WITH 12V DC, 500V AC/300A DISPLAY  
AN ATTACHMENT

SMCS-4490, 7490

i01642489

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	205-3657	1	HINGE AS						
	1A	1	203-5398	4	INSERT						
		1	204-8658	1	HINGE						
	2	1	212-6889	2	RECEPTACLE						
	3	1	212-6890	2	STUD						
	4	1	212-6891	2	RETAINER						
Y	5	1	214-4612	1	PANEL GP-ELECTRONIC						352
M	6	1	170-5632	2	BOLT-HEX HEAD (M4X0.7X16MM)						
Y	7	1	214-5892	1	PANEL GP-CONTROL						311
	8	1	214-7440	1	STRAP-DOOR						
M	9	1	6V-4298	8	BOLT (M5X0.8X16MM)						
	10	1	8C-9660	2	WASHER (4.6X7.9X0.8MM THK)						
	11	1	8T-0328	8	WASHER-HARD (5.5X10X1MM THK)						
M	12	1	8T-7961	2	LOCKNUT						
	13	1	9X-8256	2	WASHER (6.6X12X2MM THK)						
	14	1	143-8799	1	SEAL						

M-METRIC PART  
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00854946





# OPERATOR STATION

## 214-5880 PANEL GP-ELECTRONIC

S/N: SNX1-UP

FOR USE WITH 24V DC, 500V AC/100A DISPLAY  
AN ATTACHMENT

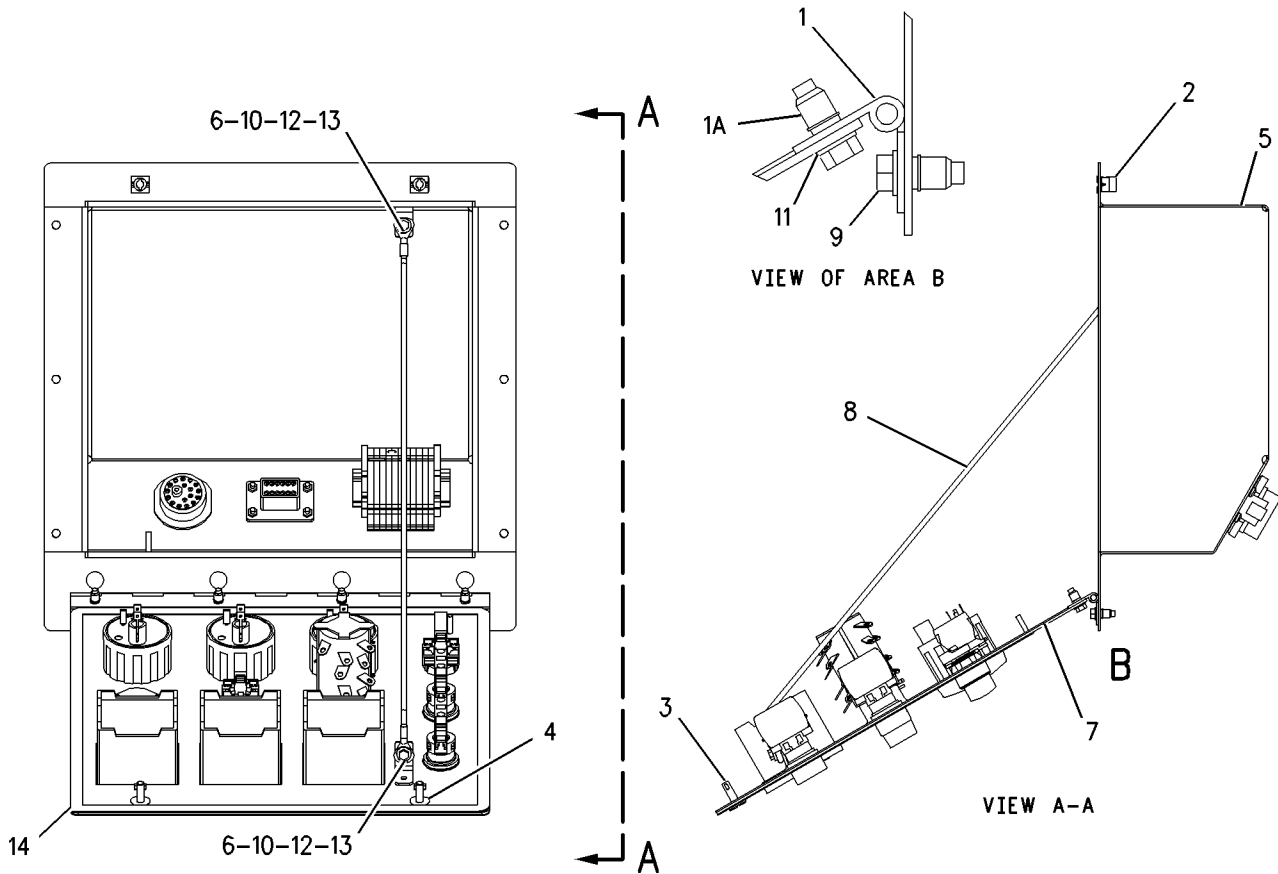
SMCS-4490, 7490

i01642490

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	205-3657	1	HINGE AS						
	1A	1	203-5398	4	INSERT						
		1	204-8658	1	HINGE						
	2	1	212-6889	2	RECEPTACLE						
	3	1	212-6890	2	STUD						
	4	1	212-6891	2	RETAINER						
Y	5	1	214-4612	1	PANEL GP-ELECTRONIC						352
M	6	1	170-5632	2	BOLT-HEX HEAD (M4X0.7X16MM)						
Y	7	1	214-5894	1	PANEL GP-CONTROL						313
	8	1	214-7440	1	STRAP-DOOR						
M	9	1	6V-4298	8	BOLT (M5X0.8X16MM)						
	10	1	8C-9660	2	WASHER (4.6X7.9X0.8MM THK)						
	11	1	8T-0328	8	WASHER-HARD (5.5X10X1MM THK)						
M	12	1	8T-7961	2	LOCKNUT						
	13	1	9X-8256	2	WASHER (6.6X12X2MM THK)						
	14	1	143-8799	1	SEAL						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00854946



# OPERATOR STATION

## 214-5881 PANEL GP-ELECTRONIC

S/N: SNX1-UP

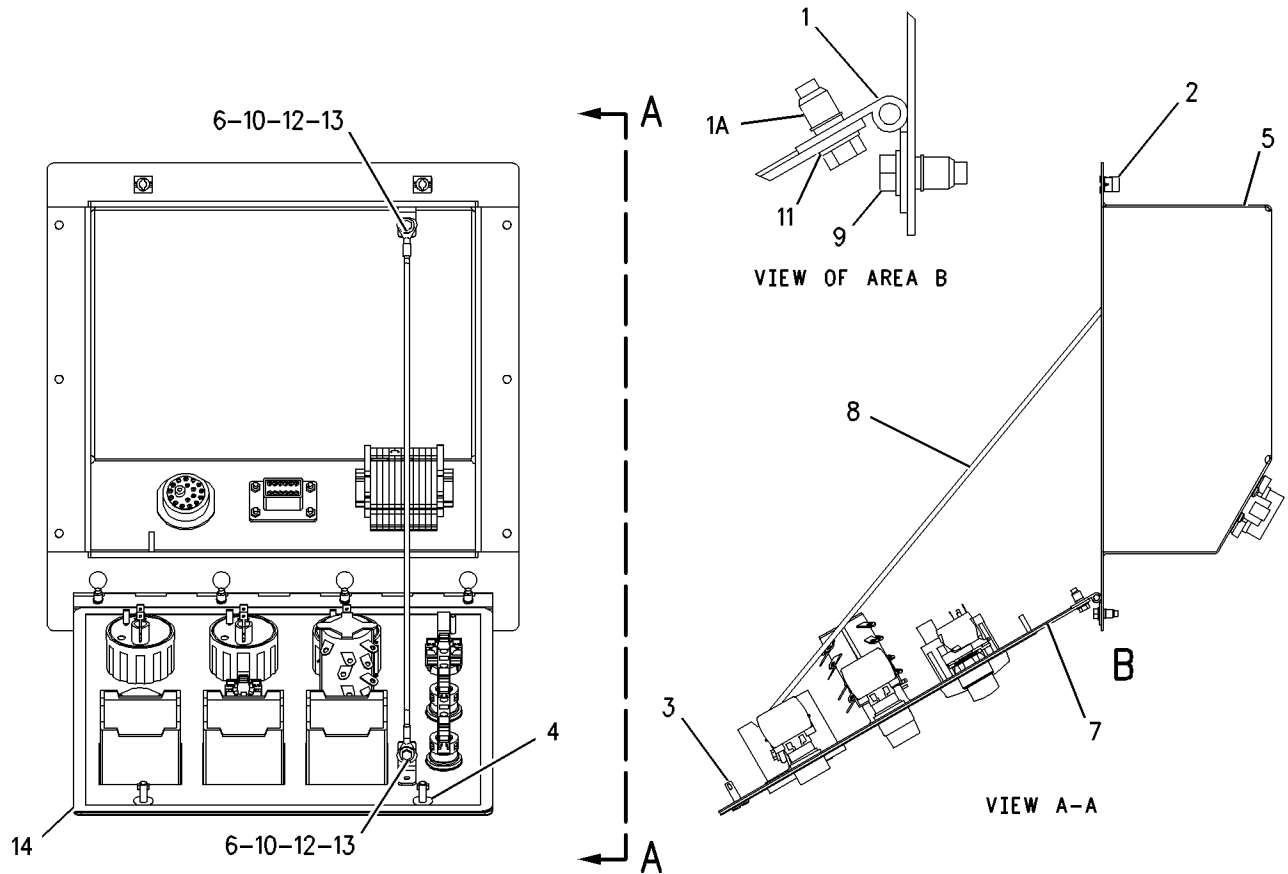
FOR USE WITH 24V DC, 500V AC/200A DISPLAY  
AN ATTACHMENT

SMCS-4490, 7490

i01642491

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	205-3657	1	HINGE AS						
	1A	1	203-5398	4	INSERT						
		1	204-8658	1	HINGE						
	2	1	212-6889	2	RECEPTACLE						
	3	1	212-6890	2	STUD						
	4	1	212-6891	2	RETAINER						
Y	5	1	214-4612	1	PANEL GP-ELECTRONIC						352
M	6	1	170-5632	2	BOLT-HEX HEAD (M4X0.7X16MM)						
Y	7	1	214-5895	1	PANEL GP-CONTROL						315
	8	1	214-7440	1	STRAP-DOOR						
M	9	1	6V-4298	8	BOLT (M5X0.8X16MM)						
	10	1	8C-9660	2	WASHER (4.6X7.9X0.8MM THK)						
	11	1	8T-0328	8	WASHER-HARD (5.5X10X1MM THK)						
M	12	1	8T-7961	2	LOCKNUT						
	13	1	9X-8256	2	WASHER (6.6X12X2MM THK)						
	14	1	143-8799	1	SEAL						

M-METRIC PART  
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00854946



# OPERATOR STATION

## 214-5882 PANEL GP-ELECTRONIC

S/N: SNX1-UP

FOR USE WITH 24V DC, 500V AC/300A DISPLAY  
AN ATTACHMENT

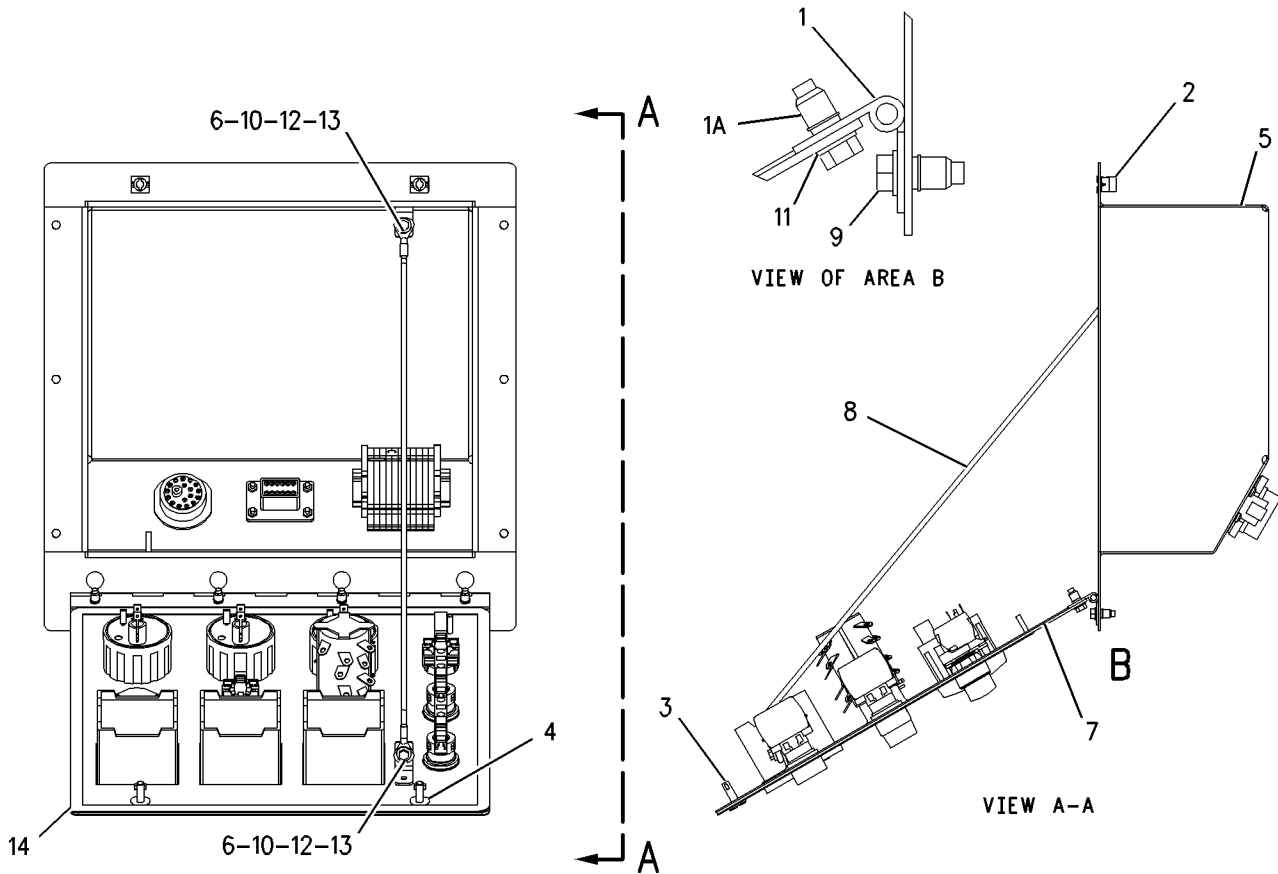
SMCS-4490, 7490

i01642492

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	205-3657	1	HINGE AS						
	1A	1	203-5398	4	INSERT						
		1	204-8658	1	HINGE						
	2	1	212-6889	2	RECEPTACLE						
	3	1	212-6890	2	STUD						
	4	1	212-6891	2	RETAINER						
Y	5	1	214-4612	1	PANEL GP-ELECTRONIC						352
M	6	1	170-5632	2	BOLT-HEX HEAD (M4X0.7X16MM)						
Y	7	1	214-5896	1	PANEL GP-CONTROL						317
	8	1	214-7440	1	STRAP-DOOR						
M	9	1	6V-4298	8	BOLT (M5X0.8X16MM)						
	10	1	8C-9660	2	WASHER (4.6X7.9X0.8MM THK)						
	11	1	8T-0328	8	WASHER-HARD (5.5X10X1MM THK)						
M	12	1	8T-7961	2	LOCKNUT						
	13	1	9X-8256	2	WASHER (6.6X12X2MM THK)						
	14	1	143-8799	1	SEAL						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00854946



# OPERATOR STATION

## 214-6781 PANEL GP-ELECTRONIC

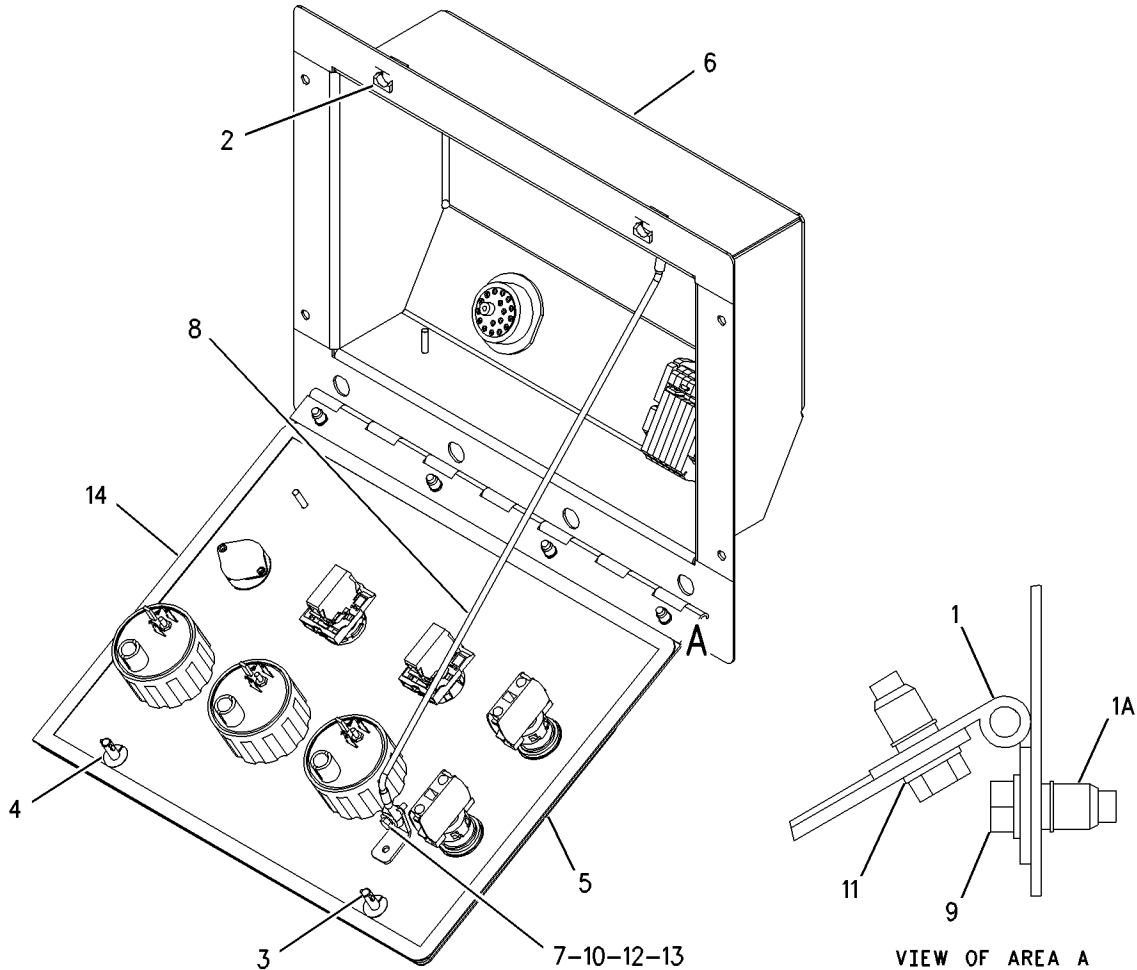
S/N: SNX1-UP  
FOR USE WITH 12V DC  
AN ATTACHMENT

SMCS-4490, 7490

i01646303

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	205-3657	1	HINGE AS						
	1A	1	203-5398	4	INSERT						
	2	1	212-6889	2	RECEPTACLE						
	3	1	212-6890	2	STUD						
	4	1	212-6891	2	RETAINER						
Y	5	1	214-6783	1	PANEL GP-CONTROL						319
Y	6	1	214-6787	1	PANEL GP-ELECTRONIC						369
M	7	1	170-5632	2	BOLT-HEX HEAD (M4X0.7X16MM)						
	8	1	214-9298	1	STRAP-DOOR						
M	9	1	6V-4298	8	BOLT (M5X0.8X16MM)						
	10	1	8C-9660	2	WASHER (4.6X7.9X0.8MM THK)						
	11	1	8T-0328	8	WASHER-HARD (5.5X10X1MM THK)						
M	12	1	8T-7961	2	LOCKNUT						
	13	1	9X-8256	2	WASHER (6.6X12X2MM THK)						
	14	1	143-8799	1	SEAL						

M-METRIC PART  
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00854126



# OPERATOR STATION

## 214-6782 PANEL GP-ELECTRONIC

S/N: SNX1-UP  
FOR USE WITH 24V DC  
AN ATTACHMENT

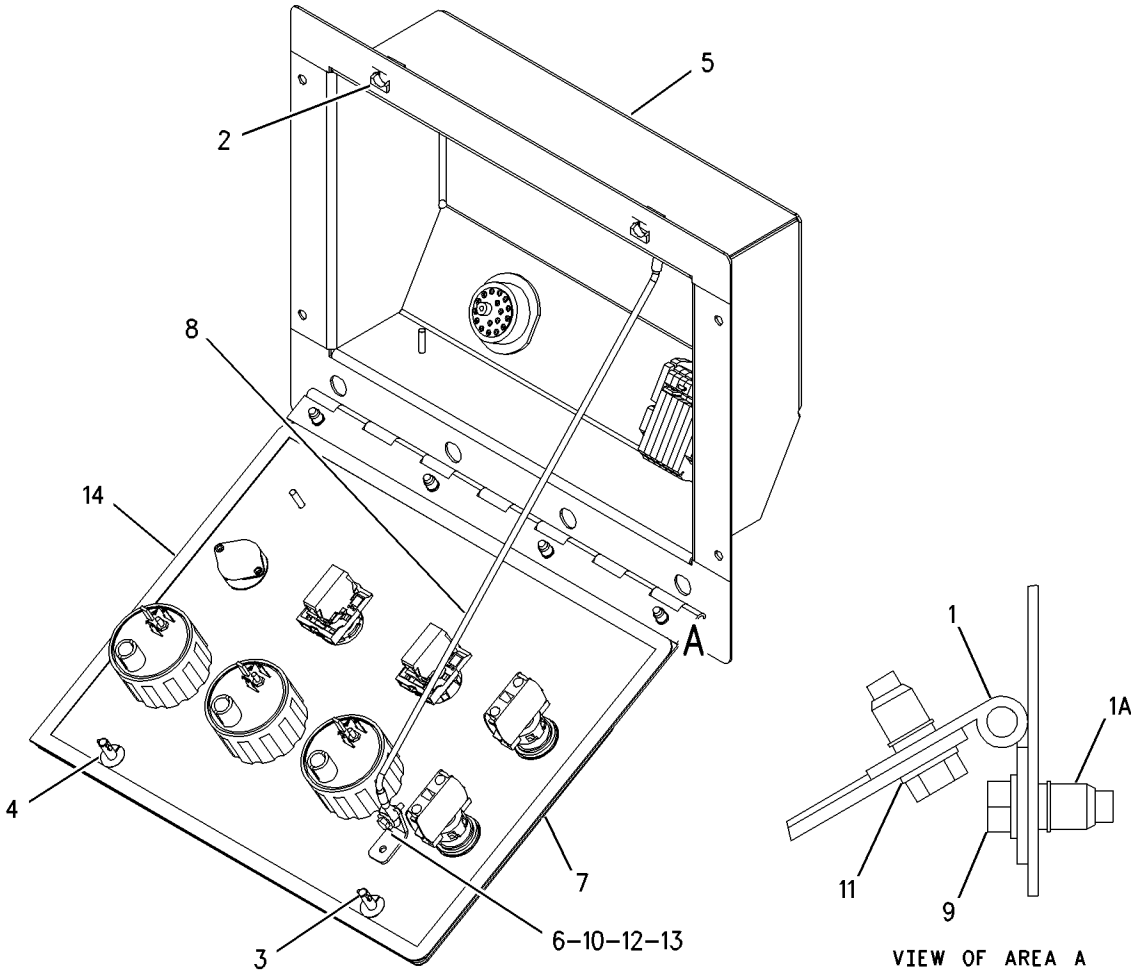
SMCS-4490, 7490

i01646310

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	205-3657	1	HINGE AS						
	1A	1	203-5398	4	INSERT						
	2	1	212-6889	2	RECEPTACLE						
	3	1	212-6890	2	STUD						
	4	1	212-6891	2	RETAINER						
Y	5	1	214-6787	1	PANEL GP-ELECTRONIC						369
M	6	1	170-5632	2	BOLT-HEX HEAD (M4X0.7X16MM)						
Y	7	1	214-6784	1	PANEL GP-CONTROL						320
	8	1	214-9298	1	STRAP-DOOR						
M	9	1	6V-4298	8	BOLT (M5X0.8X16MM)						
	10	1	8C-9660	2	WASHER (4.6X7.9X0.8MM THK)						
	11	1	8T-0328	8	WASHER-HARD (5.5X10X1MM THK)						
M	12	1	8T-7961	2	LOCKNUT						
	13	1	9X-8256	2	WASHER (6.6X12X2MM THK)						
	14	1	143-8799	1	SEAL						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00854106



# OPERATOR STATION

## 214-6787 PANEL GP-ELECTRONIC

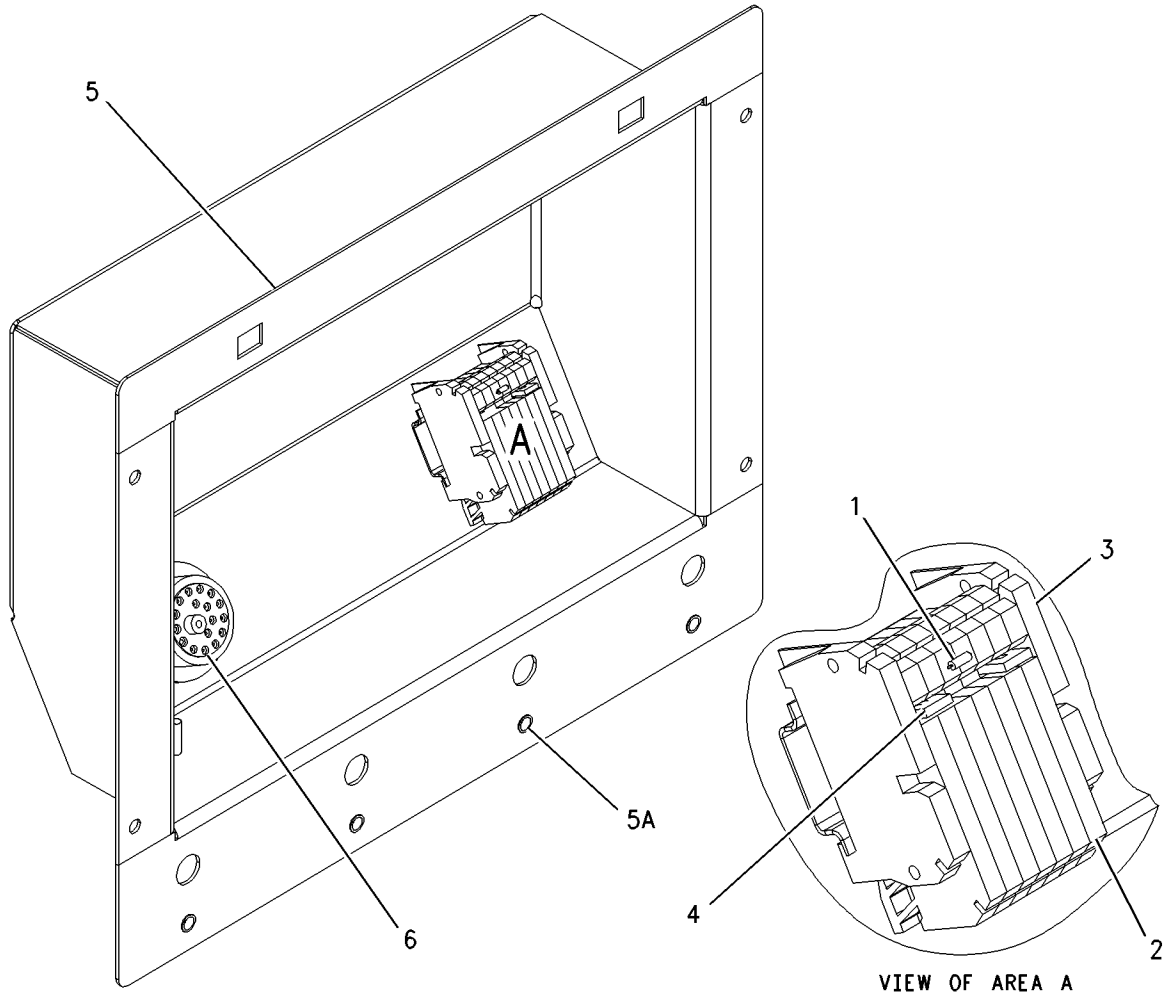
S/N: SNX1-UP

PART OF 214-6781, 214-6782 PANEL GP-ELECTRONIC  
AN ATTACHMENT

SMCS-4490, 7490

i01648615

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	143-5090	1	DIODE AS						
	2	1	206-9527	11	TERMINAL						
	3	1	213-0249	2	TERMINAL						
	4	1	213-2561	1	LINK						
	5	1	214-6785	1	PANEL AS						
	5A	1	203-5398	4	INSERT						
	6	1	214-9406	1	HARNESS AS						



GRAPHIC #1

<END>

g00854152



# OPERATOR STATION

## 214-7417 PANEL GP-ELECTRONIC

S/N: SNX1-UP

FOR USE WITH 12V DC, 300V AC/200A DISPLAY  
AN ATTACHMENT

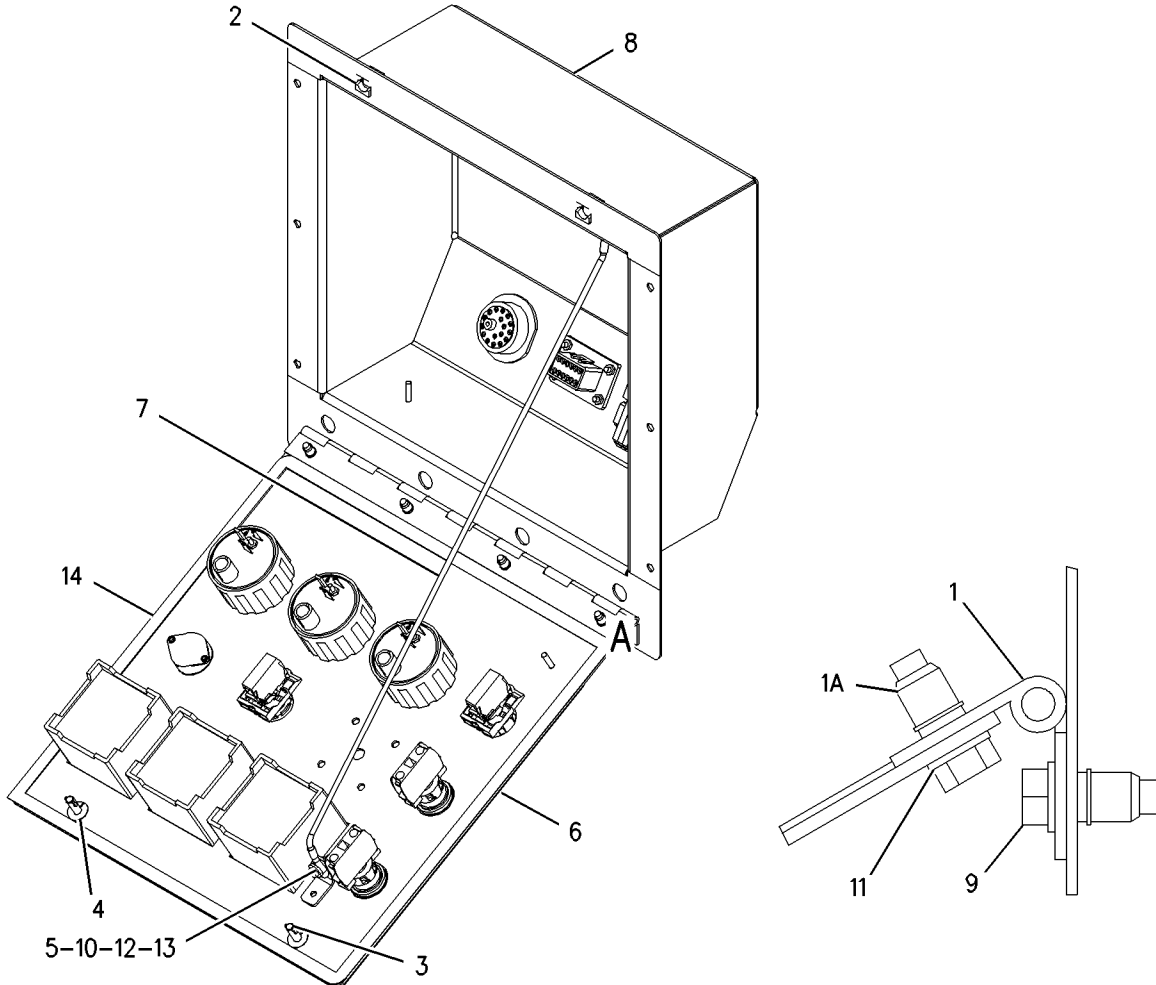
SMCS-4490, 7490

i01646513

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	205-3657	1	HINGE AS						
	1A	1	203-5398	4	INSERT						
	2	1	212-6889	2	RECEPTACLE						
	3	1	212-6890	2	STUD						
	4	1	212-6891	2	RETAINER						
M	5	1	170-5632	2	BOLT-HEX HEAD (M4X0.7X16MM)						
Y	6	1	214-7415	1	PANEL GP-CONTROL						321
	7	1	214-7440	1	STRAP-DOOR						
Y	8	1	215-1207	1	PANEL GP-ELECTRONIC						375
M	9	1	6V-4298	8	BOLT (M5X0.8X16MM)						
	10	1	8C-9660	2	WASHER (4.6X7.9X0.8MM THK)						
	11	1	8T-0328	8	WASHER-HARD (5.5X10X1MM THK)						
M	12	1	8T-7961	2	LOCKNUT						
	13	1	9X-8256	2	WASHER (6.6X12X2MM THK)						
	14	1	143-8799	1	SEAL						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00854057



# OPERATOR STATION

## 214-7418 PANEL GP-ELECTRONIC

S/N: SNX1-UP

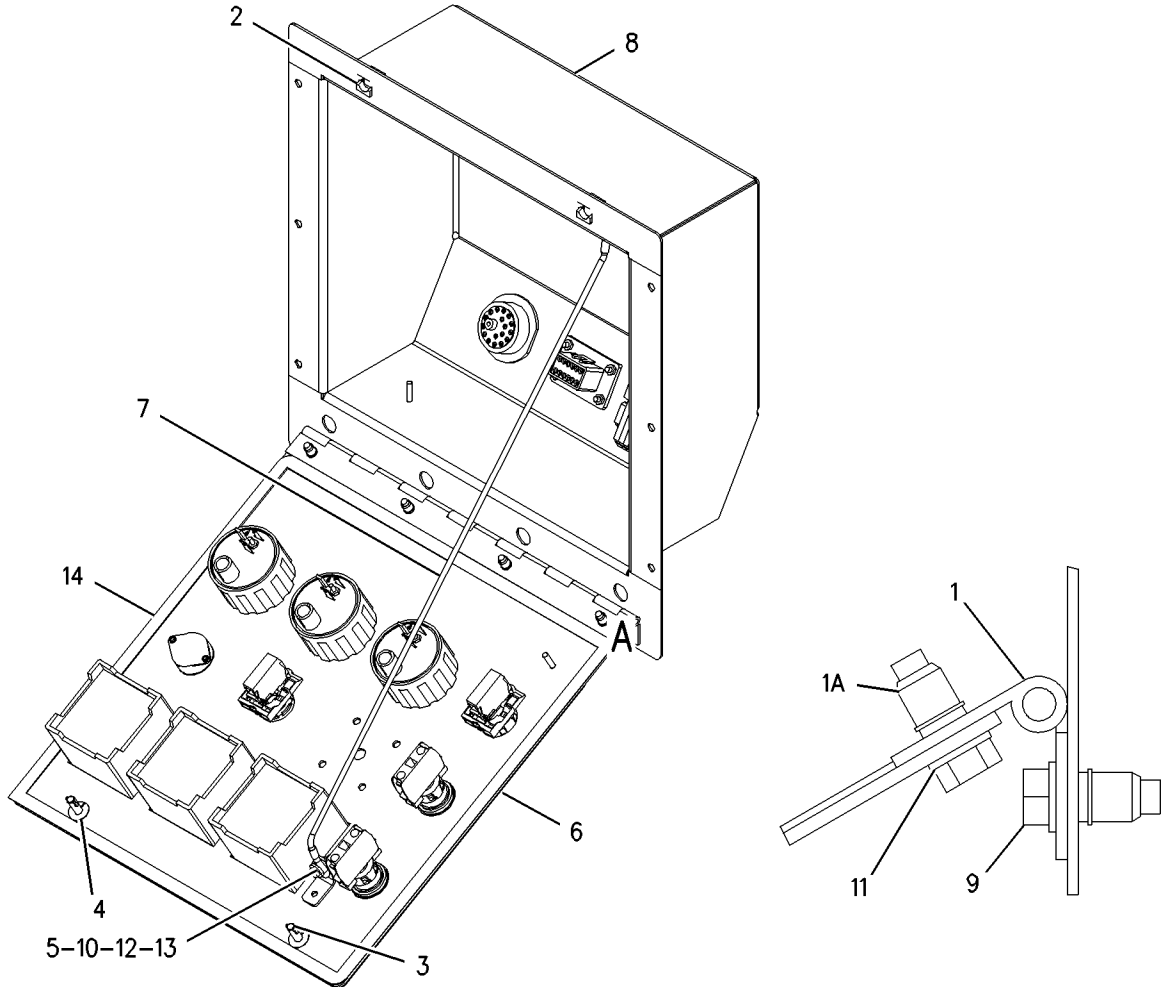
FOR USE WITH 24V DC, 300V AC/200A DISPLAY  
AN ATTACHMENT

SMCS-4490, 7490

i01646521

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	205-3657	1	HINGE AS						
	1A	1	203-5398	4	INSERT						
	2	1	212-6889	2	RECEPTACLE						
	3	1	212-6890	2	STUD						
	4	1	212-6891	2	RETAINER						
M	5	1	170-5632	2	BOLT-HEX HEAD (M4X0.7X16MM)						
Y	6	1	214-7416	1	PANEL GP-CONTROL						323
	7	1	214-7440	1	STRAP-DOOR						
Y	8	1	215-1207	1	PANEL GP-ELECTRONIC						375
M	9	1	6V-4298	8	BOLT (M5X0.8X16MM)						
	10	1	8C-9660	2	WASHER (4.6X7.9X0.8MM THK)						
	11	1	8T-0328	8	WASHER-HARD (5.5X10X1MM THK)						
M	12	1	8T-7961	2	LOCKNUT						
	13	1	9X-8256	2	WASHER (6.6X12X2MM THK)						
	14	1	143-8799	1	SEAL						

M-METRIC PART  
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00854057





# OPERATOR STATION

## 214-9029 PANEL GP-ELECTRONIC

S/N: SNX1-UP

12 VOLT. START/STOP ONLY, FLUSH MOUNT  
AN ATTACHMENT

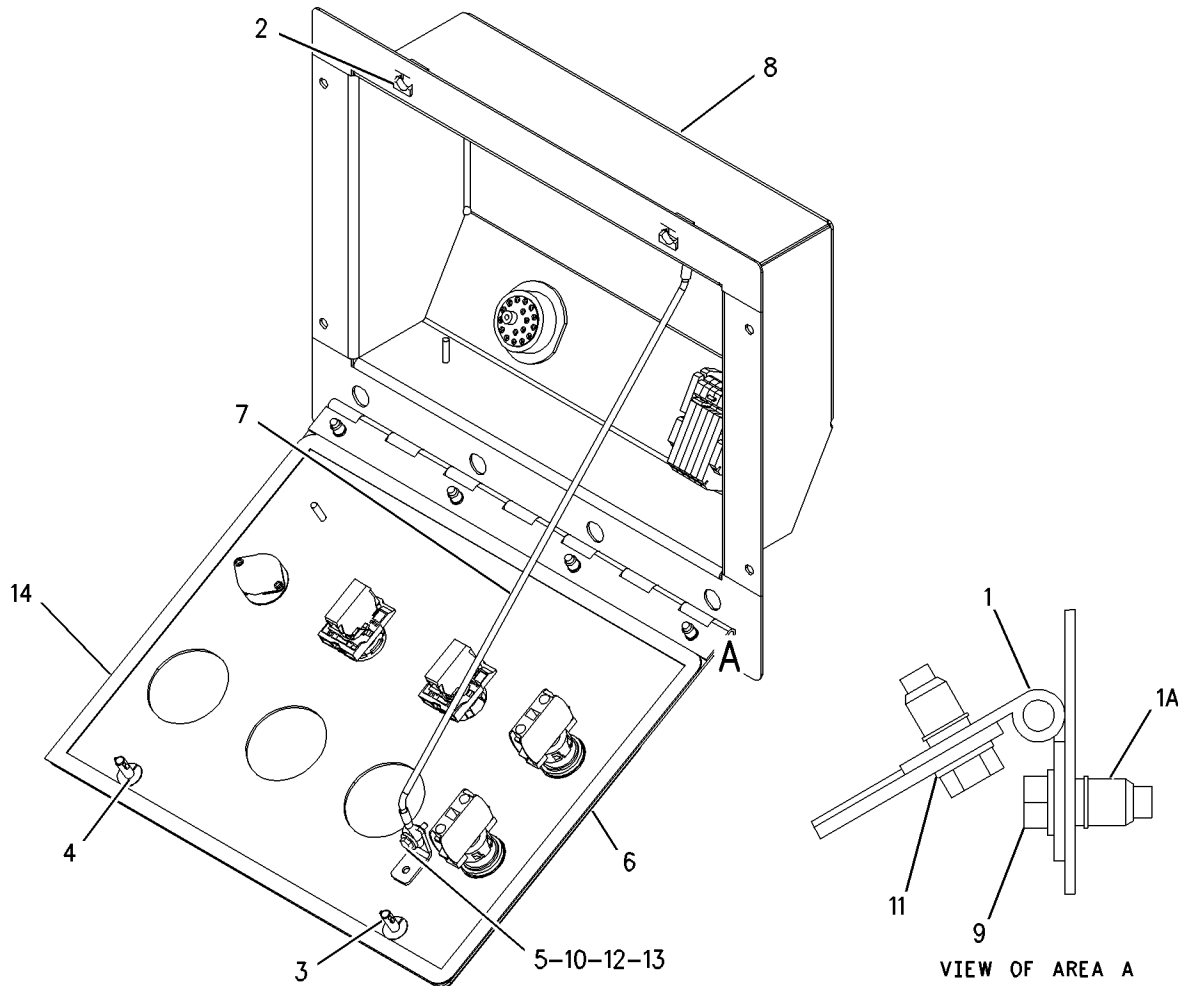
SMCS-4490, 7490

i01646606

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	205-3657	1	HINGE AS						
	1A	1	203-5398	4	INSERT						
	2	1	212-6889	2	RECEPTACLE						
	3	1	212-6890	2	STUD						
	4	1	212-6891	2	RETAINER						
M	5	1	170-5632	2	BOLT-HEX HEAD (M4X0.7X16MM)						
Y	6	1	214-9030	1	DOOR GP-ELECTRONIC						325
	7	1	214-9298	1	STRAP-DOOR						
Y	8	1	214-9305	1	PANEL GP-ELECTRONIC						374
M	9	1	6V-4298	8	BOLT (M5X0.8X16MM)						
	10	1	8C-9660	2	WASHER (4.6X7.9X0.8MM THK)						
	11	1	8T-0328	8	WASHER-HARD (5.5X10X1MM THK)						
M	12	1	8T-7961	2	LOCKNUT						
	13	1	9X-8256	2	WASHER (6.6X12X2MM THK)						
	14	1	143-8799	1	SEAL						

M-METRIC PART

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00854075



# OPERATOR STATION

## 214-9295 PANEL GP-ELECTRONIC

S/N: SNX1-UP

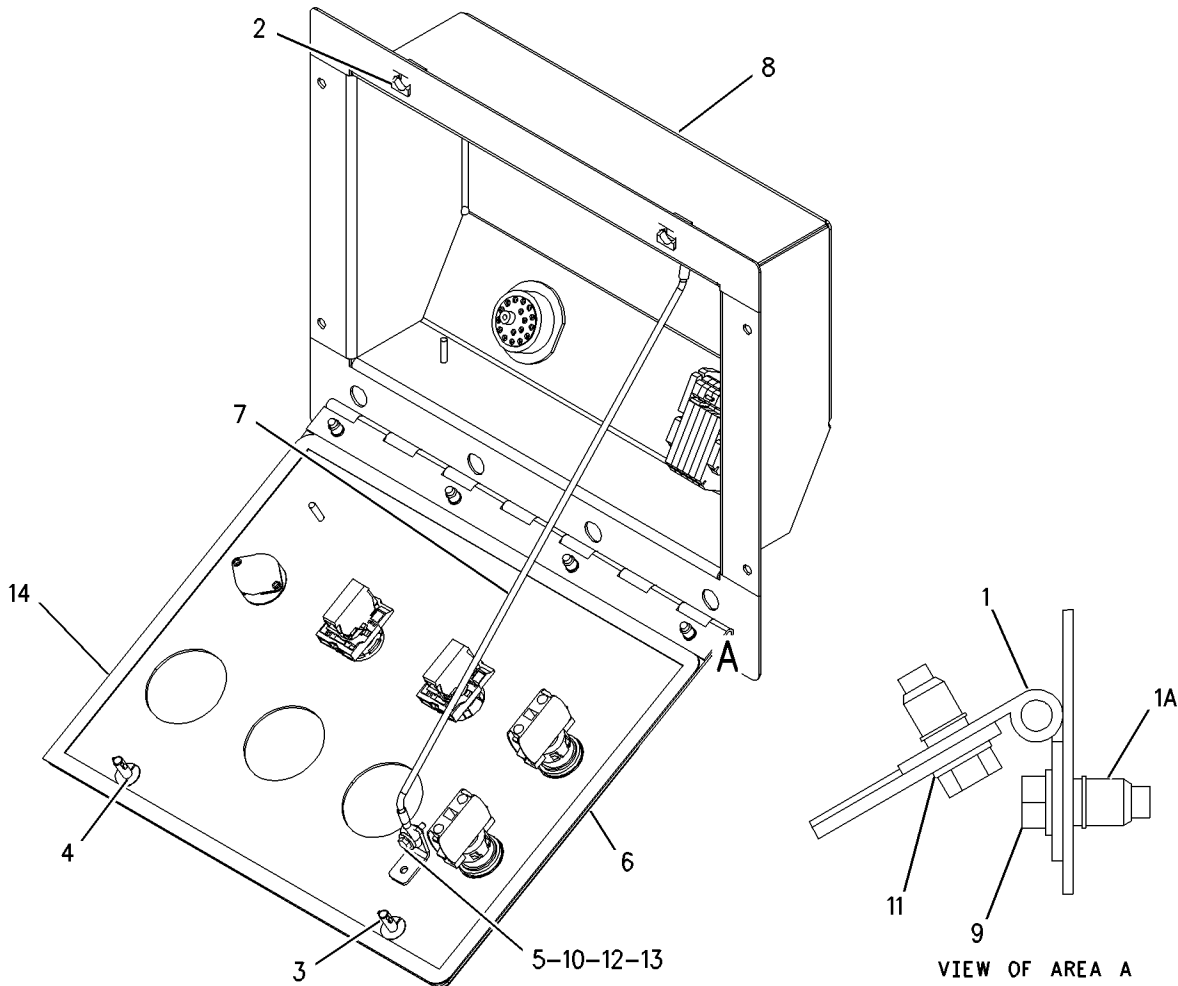
24 VOLT. START/STOP ONLY, FLUSH MOUNT  
AN ATTACHMENT

SMCS-4490, 7490

i01646749

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	205-3657	1	HINGE AS						
	1A	1	203-5398	4	INSERT						
	2	1	212-6889	2	RECEPTACLE						
	3	1	212-6890	2	STUD						
	4	1	212-6891	2	RETAINER						
M	5	1	170-5632	2	BOLT-HEX HEAD (M4X0.7X16MM)						
Y	6	1	214-9296	1	PANEL GP-CONTROL						326
	7	1	214-9298	1	STRAP-DOOR						
Y	8	1	214-9305	1	PANEL GP-ELECTRONIC						374
M	9	1	6V-4298	8	BOLT (M5X0.8X16MM)						
	10	1	8C-9660	2	WASHER (4.6X7.9X0.8MM THK)						
	11	1	8T-0328	8	WASHER-HARD (5.5X10X1MM THK)						
M	12	1	8T-7961	2	LOCKNUT						
	13	1	9X-8256	2	WASHER (6.6X12X2MM THK)						
	14	1	143-8799	1	SEAL						

M-METRIC PART  
Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g00854075



# OPERATOR STATION

## 214-9305 PANEL GP-ELECTRONIC

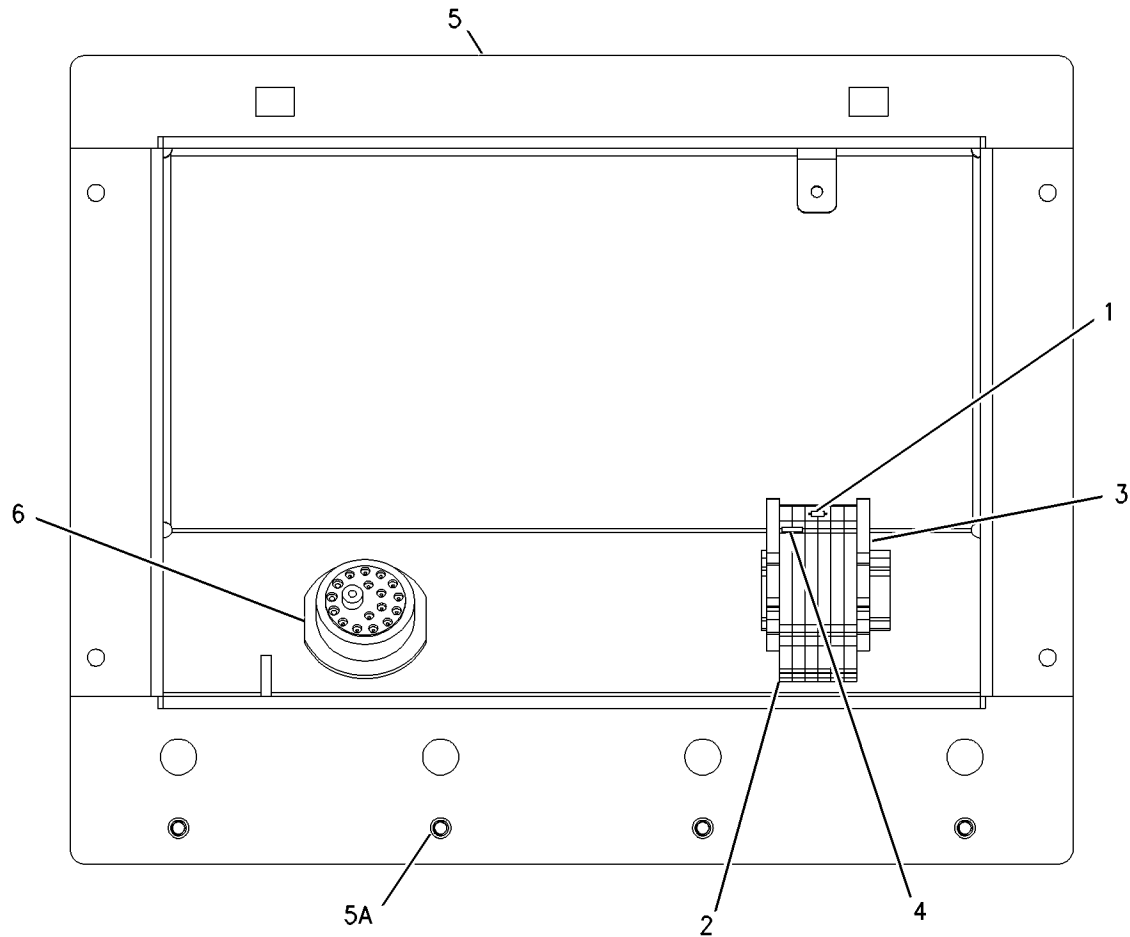
S/N: SNX1-UP

PART OF 214-9029, 214-9295 PANEL GP-ELECTRONIC  
AN ATTACHMENT

SMCS-4490, 7490

i01648629

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	143-5090	1	DIODE AS						
	2	1	206-9527	6	TERMINAL (2.5MM)						
	3	1	213-0249	2	TERMINAL (EARTH)						
	4	1	213-2561	1	LINK						
	5	1	214-6785	1	PANEL AS						
	5A	1	203-5398	4	INSERT						
	6	1	214-9407	1	HARNESS AS						



GRAPHIC #1

<END>

g00855406



# OPERATOR STATION

## 215-1207 PANEL GP-ELECTRONIC

S/N: SNX1-UP

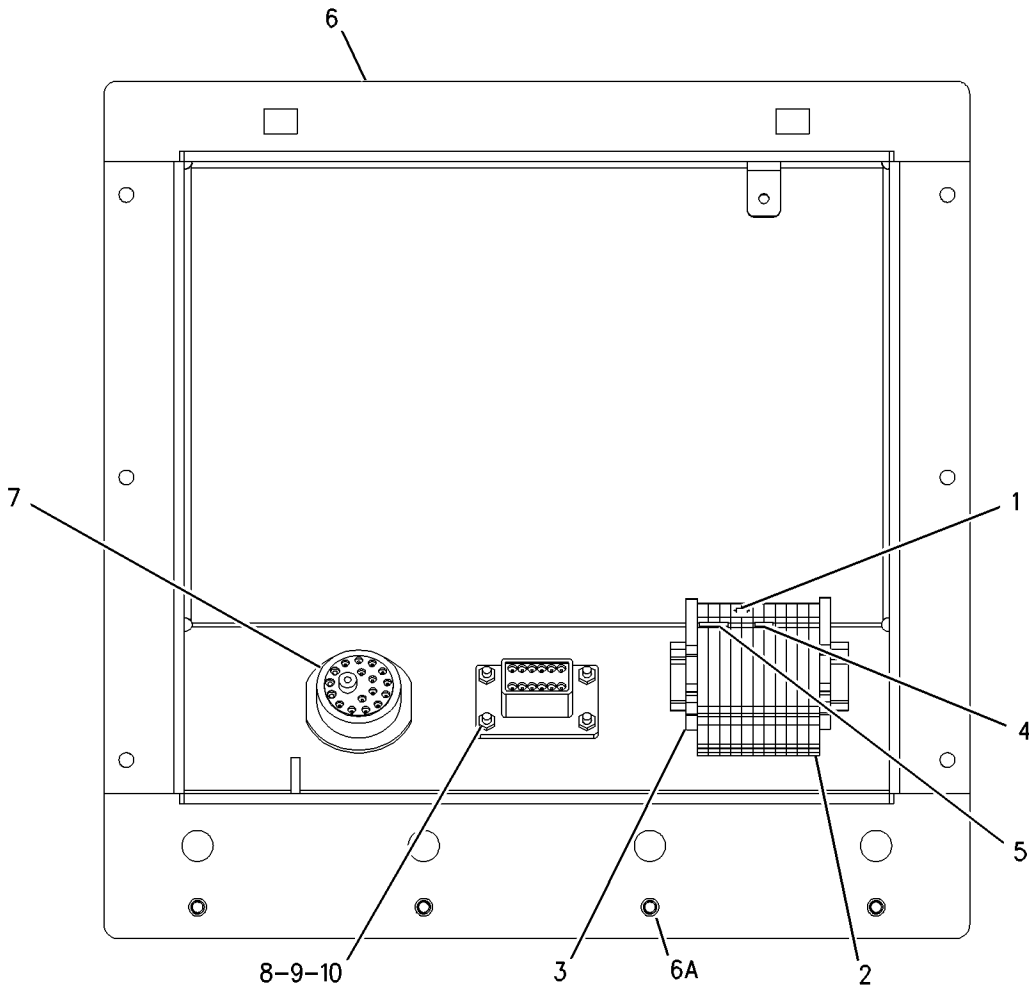
PART OF 214-7417, 214-7418 PANEL GP-ELECTRONIC  
AN ATTACHMENT

SMCS-4490, 7490

i01648633

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	143-5090	1	DIODE AS						
	2	1	206-9527	11	TERMINAL (2.5MM)						
	3	1	213-0249	2	TERMINAL (EARTH)						
	4	1	213-2561	1	LINK						
	5	1	213-2565	1	LINK						
	6	1	214-4610	1	PANEL AS						
	6A	1	203-5398	4	INSERT						
	7	1	214-9405	1	HARNESS AS						
	8	1	8C-9660	4	WASHER (4.6X7.9X0.8MM THK)						
M	9	1	8T-0337	4	SCREW-MACHINE (M4X0.7X12MM)						
M	10	1	8T-7961	4	LOCKNUT						

M-METRIC PART



GRAPHIC #1

<END>

g00855387



# OPERATOR STATION

## 232 - 7300 PANEL GP - ELECTRONIC

S/N: SNX1-UP  
AN ATTACHMENT

SMCS-4490, 7490

i01991999

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	205-3657	1	HINGE AS						
		1	204-8658	1	HINGE						
	1A	1	203-5398	4	INSERT						
Y	2	1	212-6773	1	PANEL GP-ELECTRONIC						333
Y	3	1	212-6774	1	PANEL GP-CONTROL						293
	4	1	212-6889	2	RECEPTACLE						
	5	1	212-6890	2	STUD						
	6	1	212-6891	2	RETAINER						
	7	1	212-7967	1	STRAP-DOOR						
	8	1	226-4128	1	PANEL AS						
	8A	1	203-5398	4	INSERT						
M	9	1	6V-9672	2	SCREW-MACHINE (M4X.7X16MM)						
	10	1	8C-9660	2	WASHER (4.6X7.9X0.8MM THK)						
	11	1	8T-0328	16	WASHER-HARD (5.5X10X1MM THK)						
M	12	1	8T-6693	16	SCREW-MACHINE (M5X0.8X16MM)						
M	13	1	8T-7961	2	LOCKNUT						
	14	1	9X-8256	2	WASHER (6.6X12X2MM THK)						
	15	1	143-8799	1	SEAL						

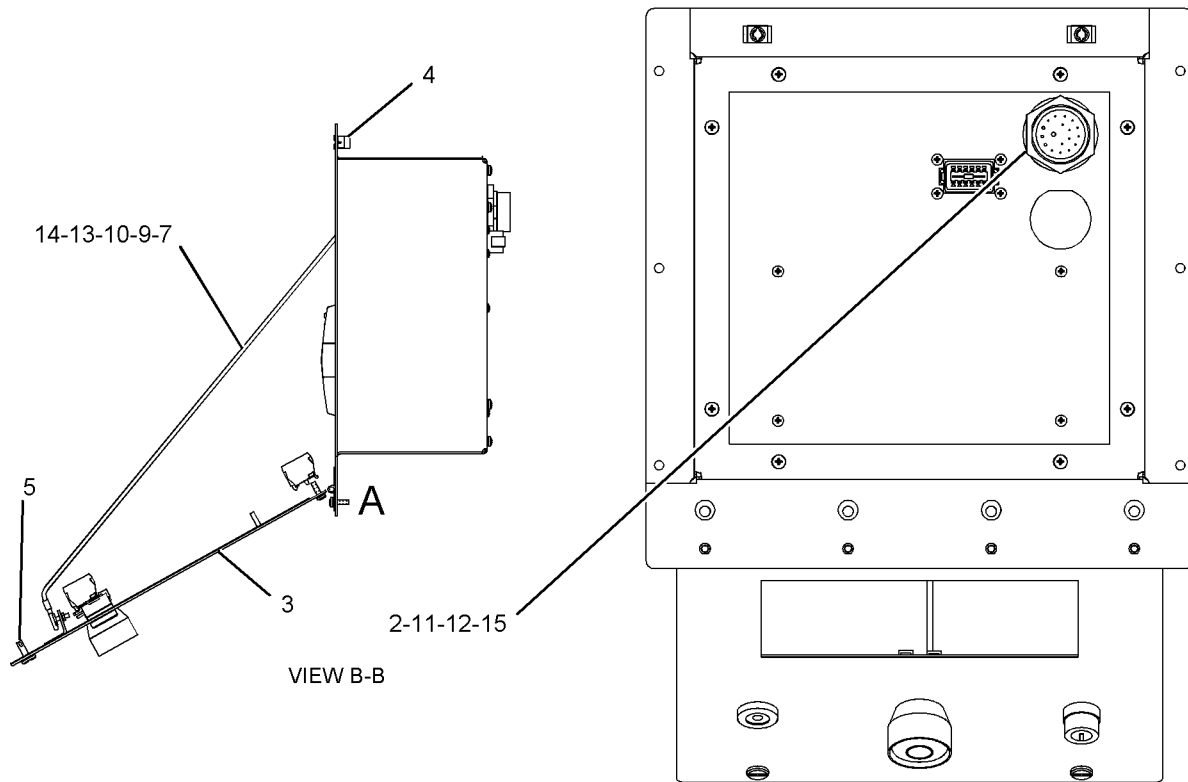
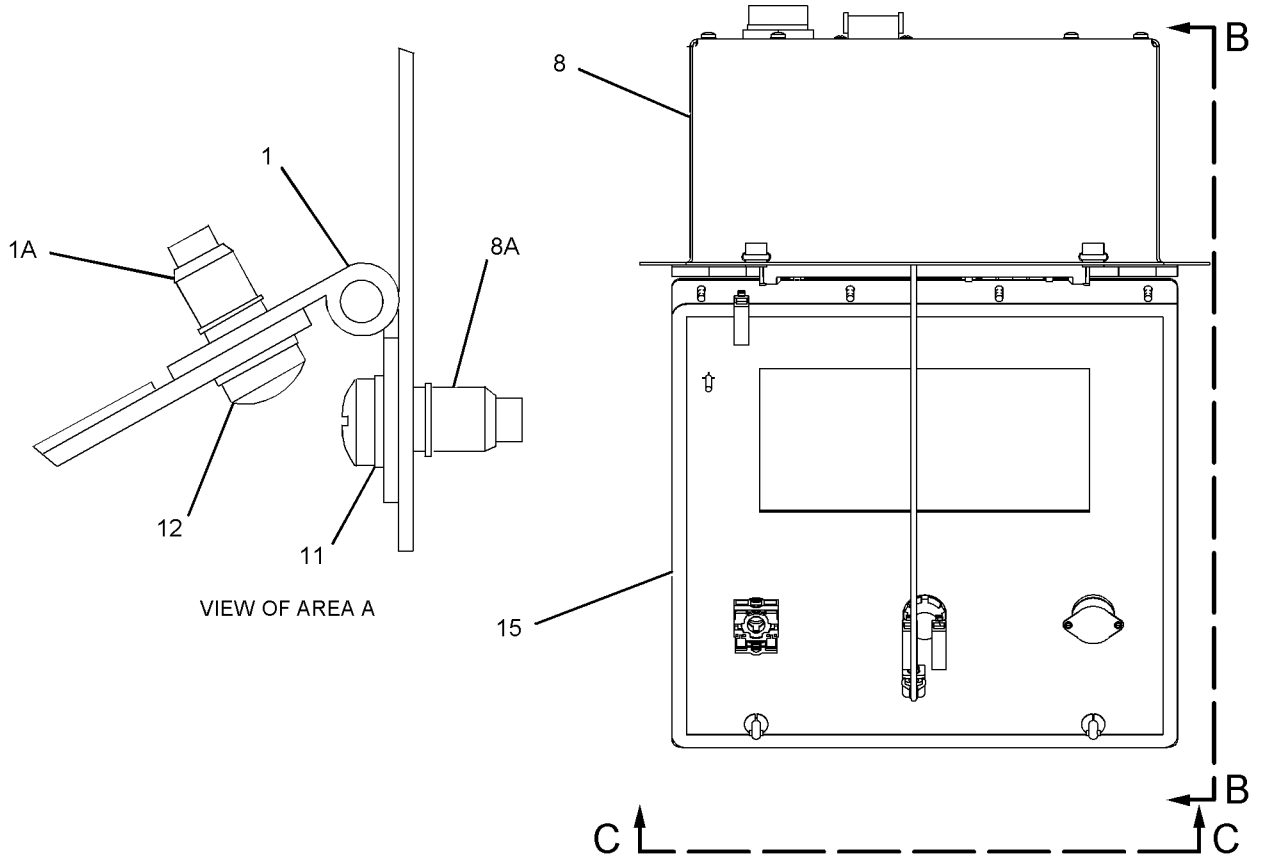
M - METRIC PART  
Y - SEPARATE ILLUSTRATION



# OPERATOR STATION

232 - 7300 PANEL GP - ELECTRONIC (contd.)

i01991999



GRAPHIC #1

<END>

g01033211



# MARINE TRANSMISSION

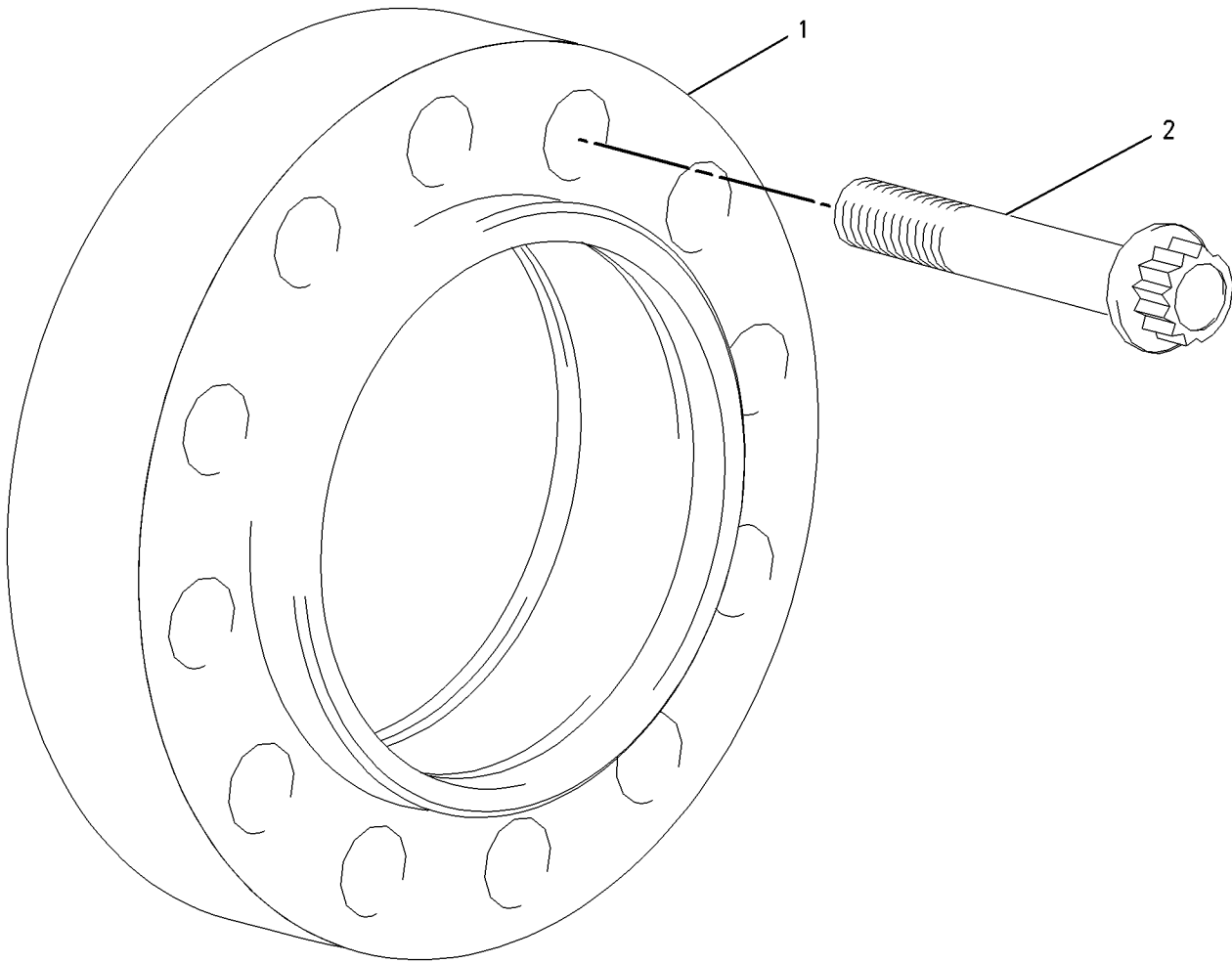
## 215-3643 BEARING & HOUSING GP

S/N: SNX1-UP  
AN ATTACHMENT

SMCS-3322

i01648635

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	103-6133	1	HOUSING						
	2	1	103-6132	10	BOLT (1/2-20X2.25IN)						



GRAPHIC #1

<END>

g00858301



# ENCLOSURES, GUARDS AND BASES

## 213-4963 BASE GP-ENGINE & GENERATOR

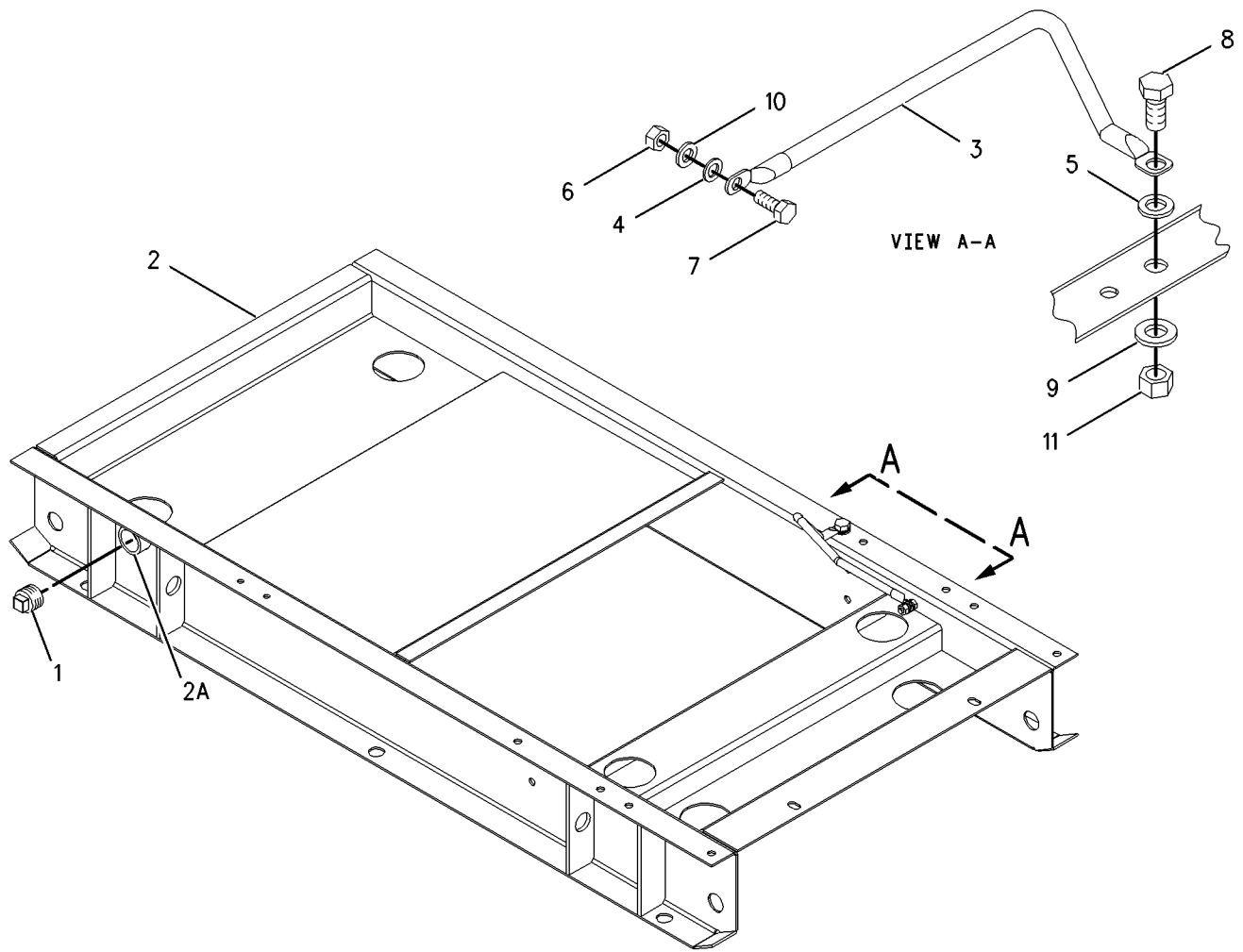
S/N: SNX1-UP  
AN ATTACHMENT

SMCS-7060

i01642220

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	166-5000	1	PLUG						
	2	1	207-7849	1	BASE AS						
	2A	1	203-3145	1	COUPLING						
	3	1	213-7099	1	CABLE AS						
	4	1	214-0889	1	WASHER-SPRING (8.5X15.5MM)						
	5	1	214-0910	1	WASHER-SPRING (13.5X20.5MM)						
M	6	1	5C-7261	1	NUT (M8X1.25 THD)						
M	7	1	8T-4189	1	BOLT (M8X1.25X20MM)						
M	8	1	8T-4192	1	BOLT (M12X1.75X25MM)						
	9	1	8T-4223	1	WASHER-HARD (13.5X25.5X3MM THK)						
	10	1	8T-4224	1	WASHER-HARD (8.8X16X2MM THK)						
M	11	1	8T-4244	1	NUT (M12X1.75 THD)						

M-METRIC PART



GRAPHIC #1

<END>

g00853614





# ENCLOSURES, GUARDS AND BASES

## 229 - 7537 BASE GP - ENGINE & GENERATOR

S/N: GSN1-UP  
AN ATTACHMENT

SMCS-7060

i01847595

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	204-1118	8	CATCH						
	2	1	210-3914	1	BASE AS						
		1	180-3748	4	INSERT - THREADED						
		1	206-0172	1	SOCKET						
		1	230-7446	2	GUSSET						
		1	230-7447	2	GUSSET						
		1	230-7448	8	GUSSET						
	3	1	213-0015	1	PANEL AS						
		1	180-3748	4	INSERT - THREADED						
	4	1	213-1018	1	PANEL AS						
		1	180-3748	4	INSERT - THREADED						
	5	1	213-7099	1	CABLE AS						
	6	1	214-0889	1	WASHER-SPRING (8.5X15.5MM)						
	7	1	214-0910	1	WASHER-SPRING						
	8	1	223-4158	16	RIVET						
	9	1	229-9290	1	PLUG						
M	10	1	5C-2890	1	NUT (M6X1 THD)						
M	11	1	6V-7357	1	BOLT (M6X1.0X25MM)						
M	12	1	8T-4189	8	BOLT (M8X1.25X20MM)						
M	13	1	8T-4192	1	BOLT (M12X1.75X25MM)						
	14	1	8T-4223	1	WASHER-HARD (13.5X25.5X3MM THK)						
	15	1	8T-4224	8	WASHER-HARD (8.8X16X2MM THK)						
M	16	1	8T-4244	1	NUT (M12X1.75 THD)						
	17	1	9X-8256	1	WASHER (6.6X12X2MM THK)						

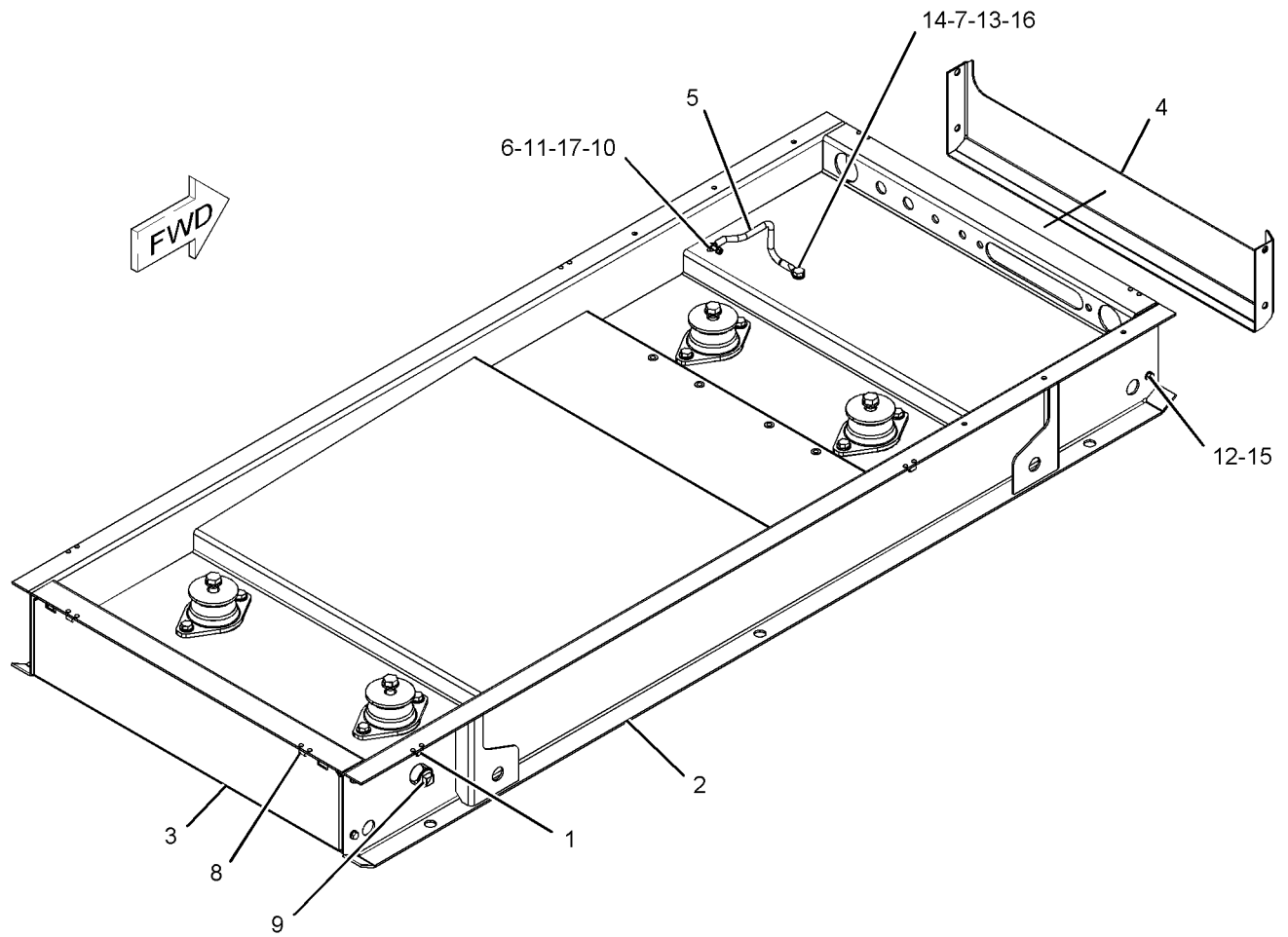
M - METRIC PART



# ENCLOSURES, GUARDS AND BASES

229 - 7537 BASE GP - ENGINE & GENERATOR (contd.)

i01847595



GRAPHIC #1

<END>

g01032196



# ENCLOSURES, GUARDS AND BASES

## 229-8068 COVER GP-ACCESS-ENCLOSURE

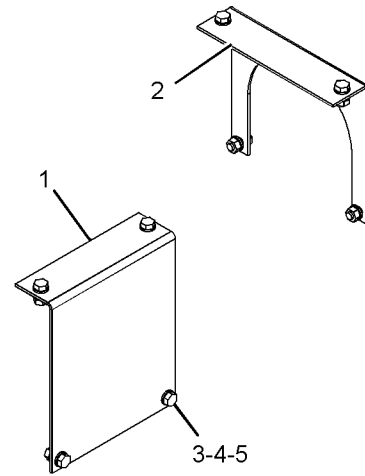
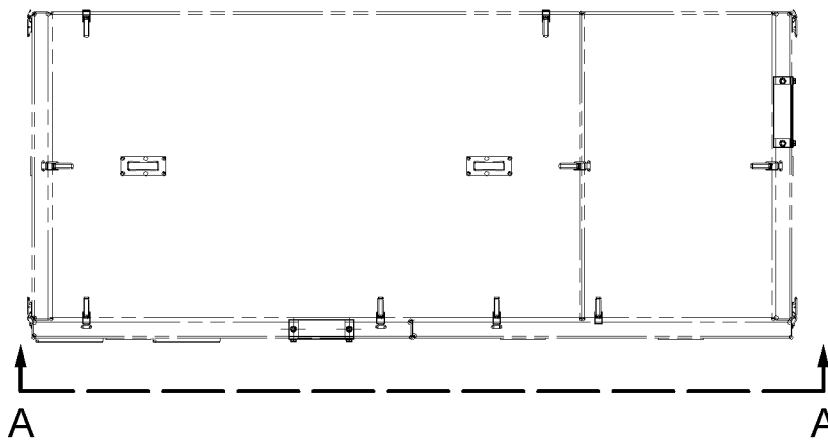
S/N: SNX1-UP  
CLOSED END, OPEN SIDE  
AN ATTACHMENT

SMCS-726A

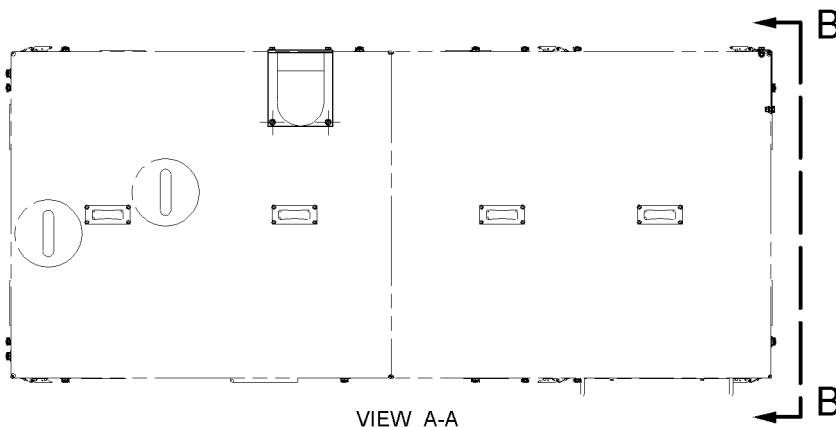
i01995508

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	222-5154	1	COVER (OPEN)						
	2	1	222-2274	1	COVER (BLANK)						
M	3	1	5C-7261	8	NUT (M8X1.25 THD)						
M	4	1	8T-4189	8	BOLT (M8X1.25X20MM)						
	5	1	8T-4224	16	WASHER-HARD (8.8X16X2MM THK)						

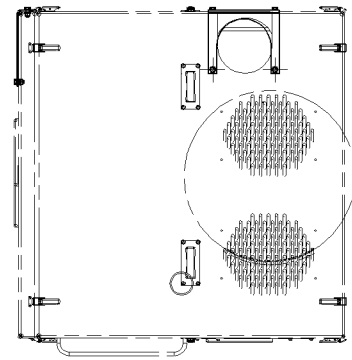
M-METRIC PART



ISOMETRIC VIEW



VIEW A-A



VIEW B-B

GRAPHIC #1

<END>

g01027031



# ENCLOSURES, GUARDS AND BASES

## 229-8069 COVER GP-ACCESS-ENCLOSURE

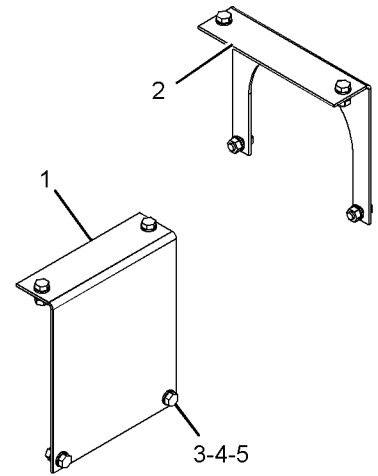
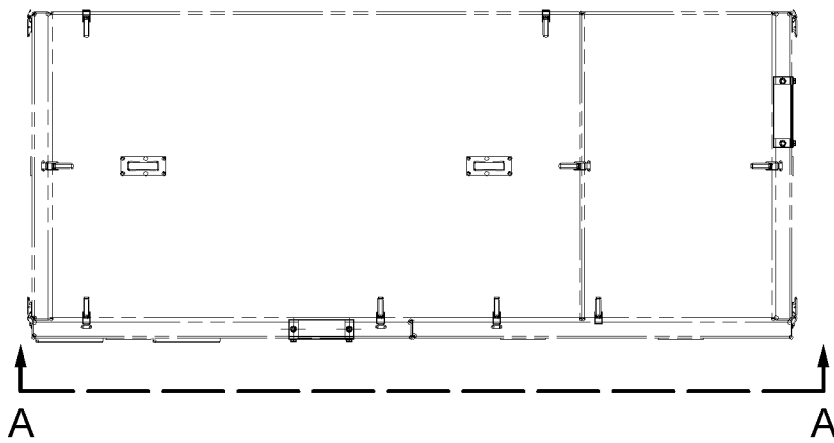
S/N: SNX1-UP  
CLOSED SIDE, OPEN END  
AN ATTACHMENT

SMCS-726A

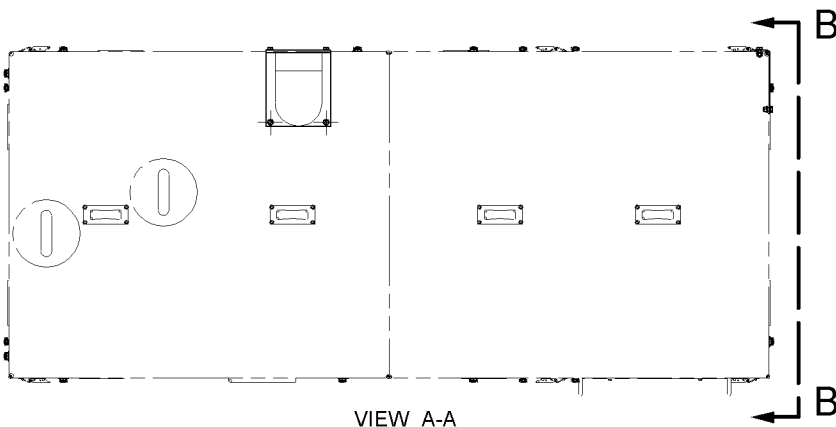
i01971760

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	221-9484	1	COVER						
	2	1	222-5155	1	COVER						
M	3	1	5C-7261	8	NUT (M8X1.25 THD)						
M	4	1	8T-4189	8	BOLT (M8X1.25X20MM)						
	5	1	8T-4224	16	WASHER-HARD (8.8X16X2MM THK)						

M-METRIC PART



ISOMETRIC VIEW



VIEW A-A

VIEW B-B

GRAPHIC #1

<END>

g01027031



# ENCLOSURES, GUARDS AND BASES

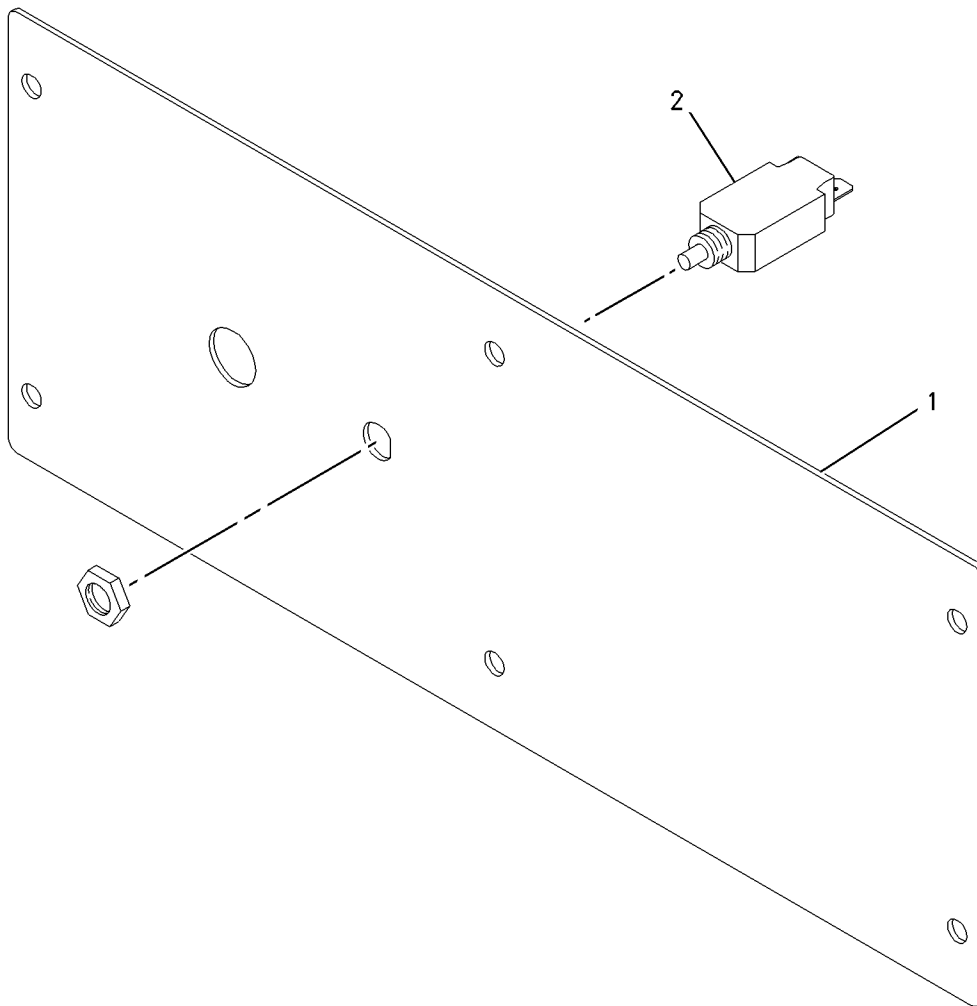
## 215-2397 ENCLOSURE GP

S/N: SNX1-UP  
1 PHASE  
AN ATTACHMENT

SMCS-7263, 7274

i01749931

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	211-5175	1	PLATE						
	2	1	215-1262	1	FUSE (RESET BUTTON)						



GRAPHIC #1

<END>

g00929894



# ENCLOSURES, GUARDS AND BASES

## 215-2399 ENCLOSURE GP

S/N: SNX1-UP

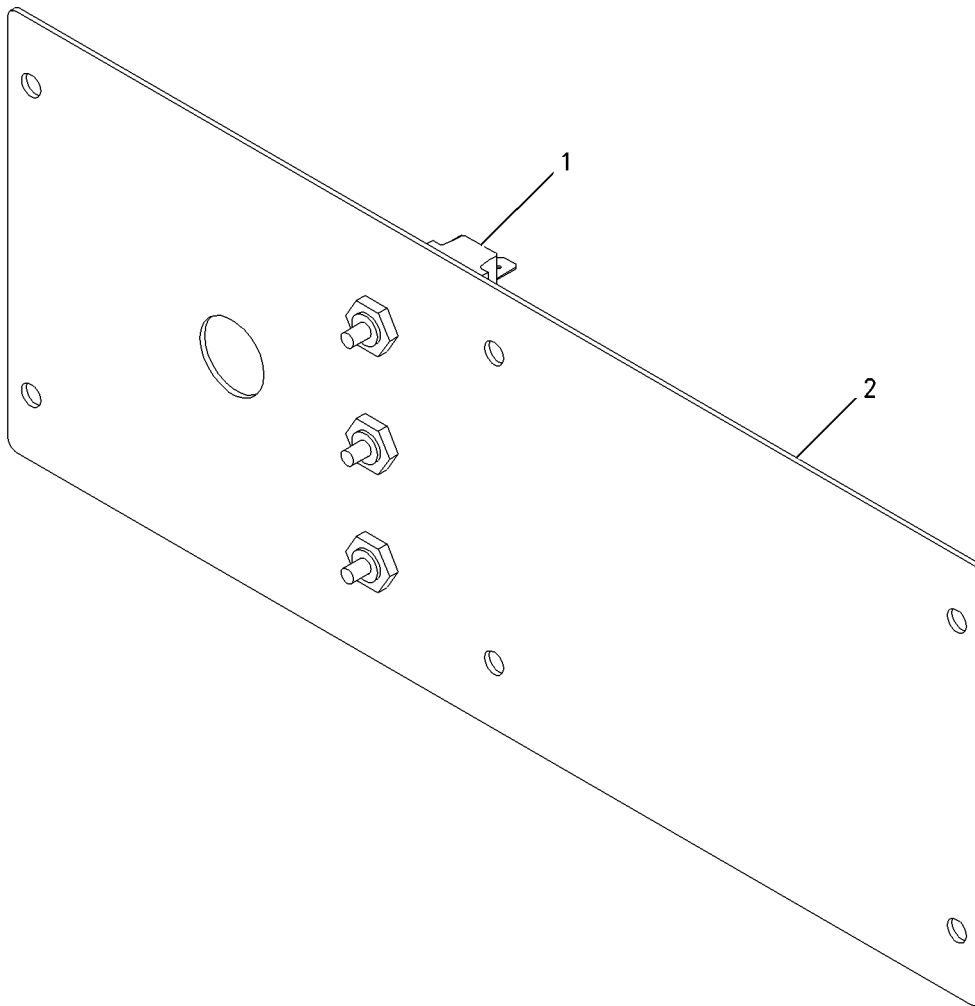
3 PHASE

AN ATTACHMENT

SMCS-7263, 7274

i01749947

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	215-1262	3	FUZE (RESET BUTTON)						
	2	1	214-1633	1	PLATE						



GRAPHIC #1

<END>

g00929882

# ENCLOSURES, GUARDS AND BASES

## 229-7544 ENCLOSURE GP-GENERATOR

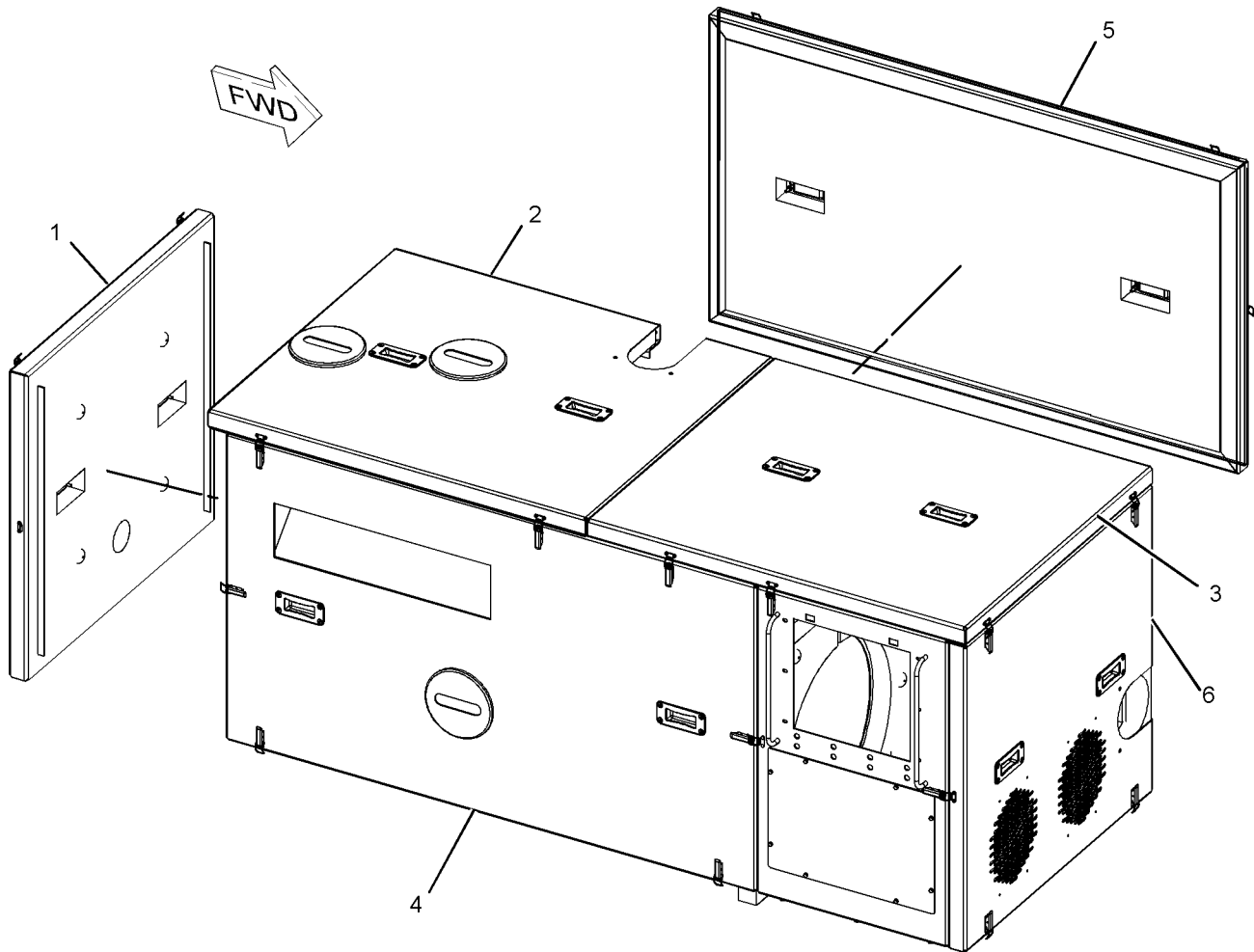
S/N: SNX1-UP  
AN ATTACHMENT

SMCS-7274

i01835048

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	1	1	204-0616	1	PANEL GP-ENCLOSURE						389
Y	2	1	211-0292	1	PANEL GP-ENCLOSURE						391
Y	3	1	211-0294	1	PANEL GP-ENCLOSURE						392
Y	4	1	211-0307	1	PANEL GP-ENCLOSURE						393
Y	5	1	211-0309	1	PANEL GP-ENCLOSURE						394
Y	6	1	222-5129	1	PANEL GP-ENCLOSURE						395

Y-SEPARATE ILLUSTRATION



GRAPHIC #1

<END>

g01032220



# ENCLOSURES, GUARDS AND BASES

## 229-7546 ENCLOSURE GP-GENERATOR

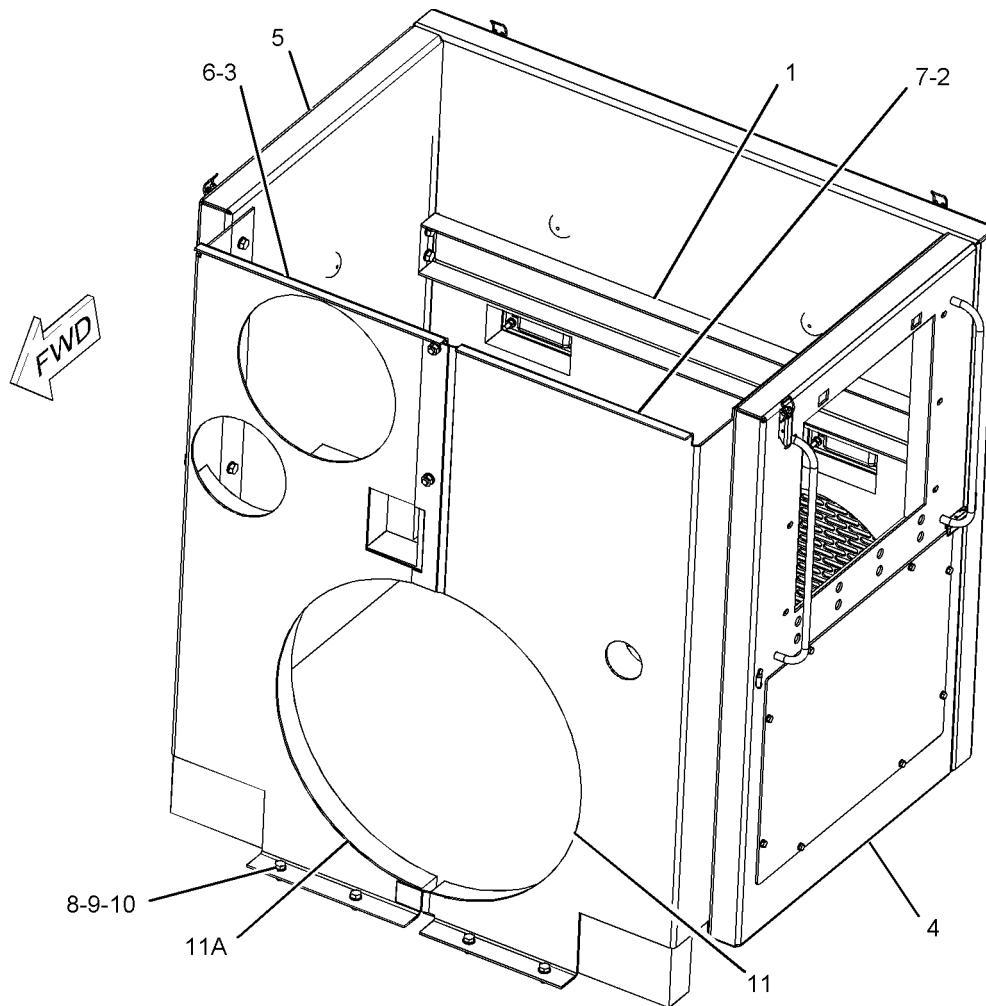
S/N: SNX1-UP  
AN ATTACHMENT

SMCS-7274

i01835122

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	203-4245	1	PANEL-END						
	2	1	205-3481	1	BAFFLE (LH)						
	3	1	205-3482	1	BAFFLE (RH)						
Y	4	1	205-8675	1	PANEL GP-ENCLOSURE						390
Y	5	1	224-5051	1	PANEL GP-ENCLOSURE						396
	6	1	230-3065	1	BAFFLE AS						
	7	1	230-3082	1	BAFFLE AS						
M	8	1	5C-7261	18	NUT (M8X1.25 THD)						
M	9	1	8T-4189	22	BOLT (M8X1.25X20MM)						
	10	1	8T-4224	40	WASHER-HARD (8.8X16X2MM THK)						
E	11	1	229-9683		SEAL (73CM)						
E	11A	1	229-9683		SEAL (67CM)						

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



GRAPHIC #1

<END>

g01032189





# ENCLOSURES, GUARDS AND BASES

## 229-7541 MOUNTING GP-VIBRATION ISOLATOR

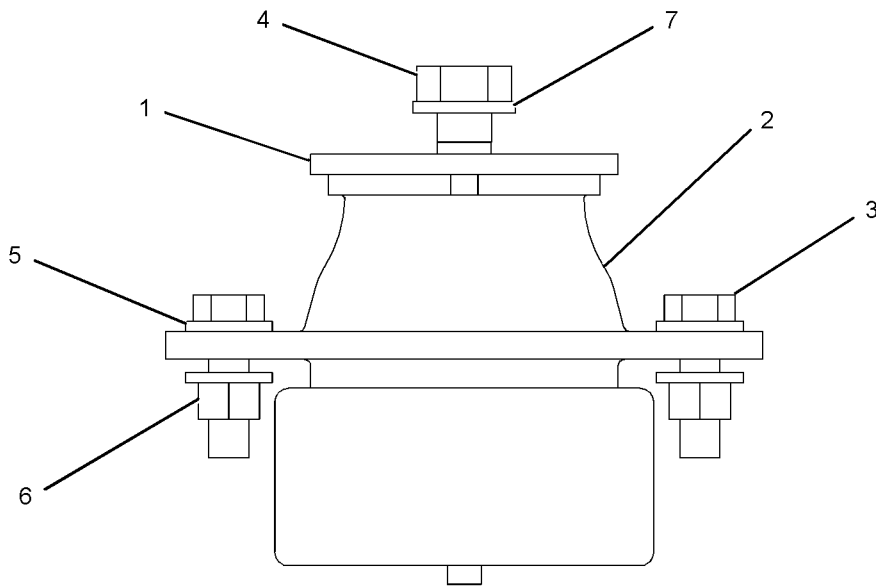
S/N: SNX1-UP  
AN ATTACHMENT

SMCS-1021, 7002

i01835291

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	206-3423	4	WASHER						
	2	1	229-5212	4	MOUNT AS						
M	3	1	8T-4183	8	BOLT (M12X1.75X40MM)						
M	4	1	8T-4193	4	BOLT (M16X2X50MM)						
	5	1	8T-4223	16	WASHER-HARD (13.5X25.5X3MM THK)						
M	6	1	8T-4244	8	NUT (M12X1.75 THD)						
	7	1	9X-8257	4	WASHER (17.5X30X3.5MM THK)						

M-METRIC PART



VIEW OF AREA A



GRAPHIC #1

<END>

g01023760



# ENCLOSURES, GUARDS AND BASES

## 204-0616 PANEL GP-ENCLOSURE

S/N: SNX1-UP

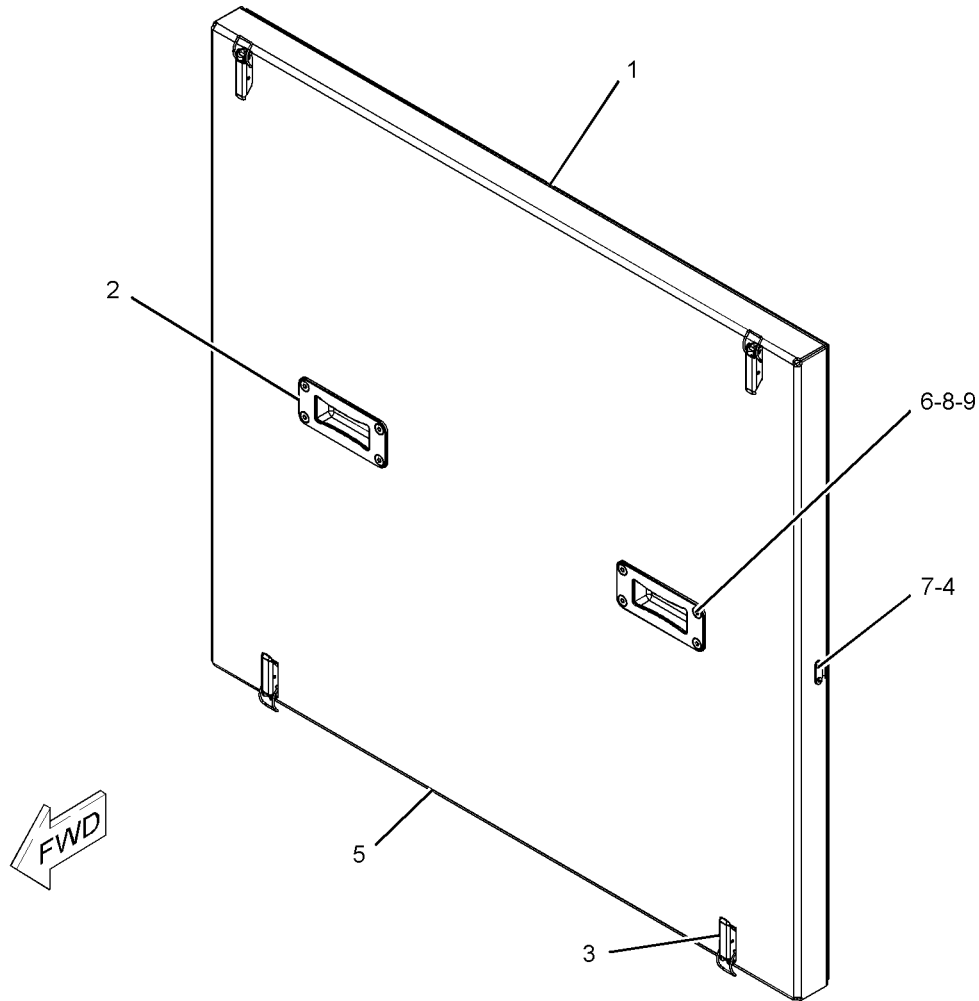
PART OF 229-7544 ENCLOSURE GP-GENERATOR  
AN ATTACHMENT

SMCS-7274

i01835086

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	203-3916	1	PANEL AS						
	2	1	204-1116	2	HANDLE						
	3	1	204-1117	4	LATCH						
	4	1	204-1118	2	CATCH						
	5	1	205-3476	1	FOAM						
	6	1	205-5148	8	SCREW-FLAT HEAD						
	7	1	223-4158	12	RIVET						
M	8	1	5C-2890	8	NUT (M6X1 THD)						
	9	1	9X-8256	8	WASHER (6.6X12X2MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01032395



# ENCLOSURES, GUARDS AND BASES

## 205-8675 PANEL GP-ENCLOSURE

S/N: SNX1-UP

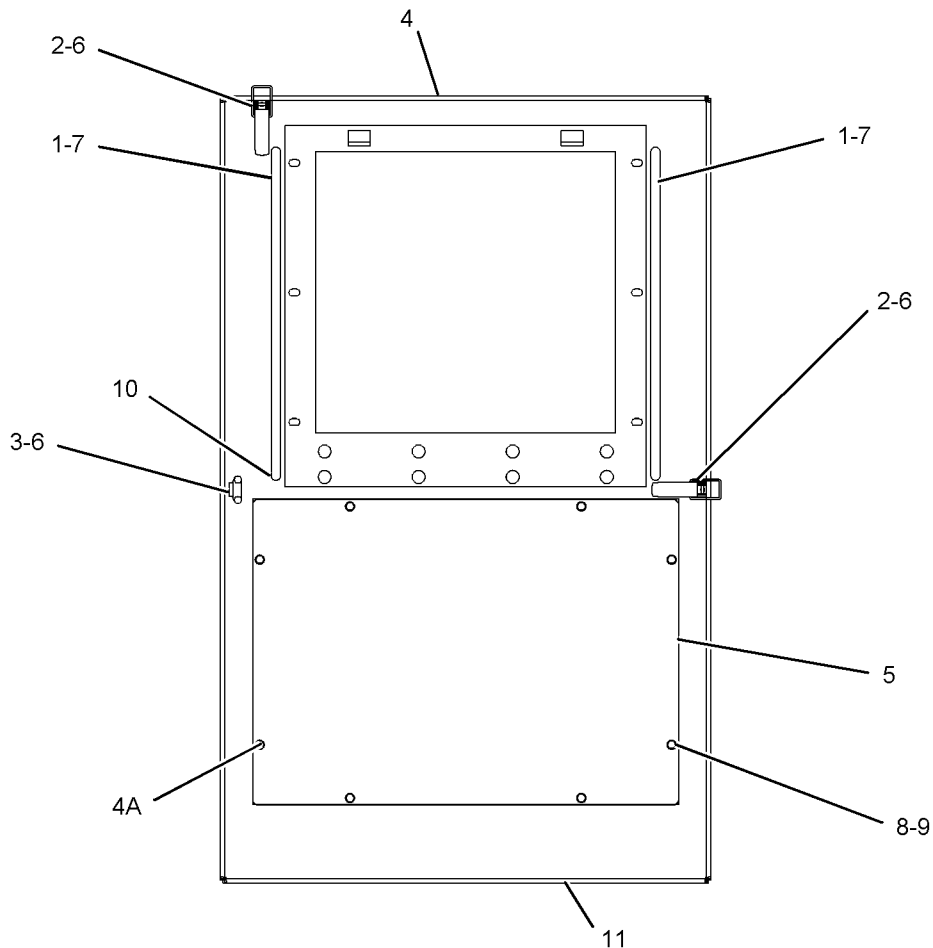
PART OF 229-7546 ENCLOSURE GP-GENERATOR  
AN ATTACHMENT

SMCS-7274

i01835124

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
M	1	1	6V-7743	4	LOCKNUT (M6X1 THD)						
	2	1	204-1117	2	LATCH						
	3	1	204-1118	1	CATCH						
	4	1	205-0498	1	PANEL						
	4A	1	203-5398	8	INSERT						
	5	1	206-6916	1	COVER						
	6	1	223-4158	6	RIVET						
M	7	1	227-8137	2	BAR						
	8	1	6V-4298	8	BOLT (M5X0.8X16MM)						
	9	1	8T-0328	8	WASHER-HARD (5.5X10X1MM THK)						
	10	1	9X-8256	4	WASHER (6.6X12X2MM THK)						
	11	1	205-3483	1	FOAM						

M-METRIC PART



GRAPHIC #1

<END>

g01023758



# ENCLOSURES, GUARDS AND BASES

## 211-0292 PANEL GP-ENCLOSURE

S/N: SNX1-UP

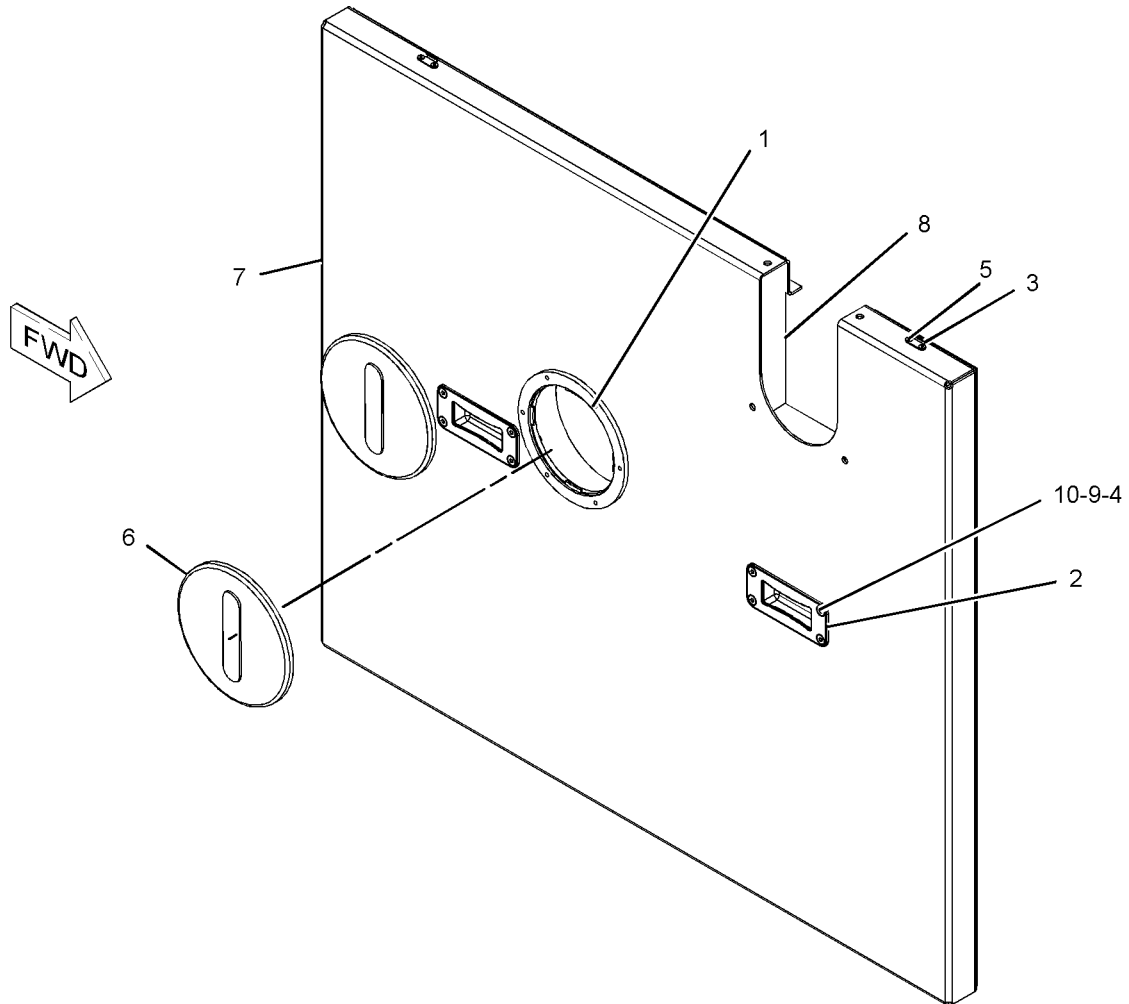
PART OF 229-7544 ENCLOSURE GP-GENERATOR  
AN ATTACHMENT

SMCS-7274

i01835088

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	142-8194	12	RIVET (3/16")						
	2	1	204-1116	2	HANDLE						
	3	1	204-1118	6	CATCH						
	4	1	205-5148	8	SCREW-FLAT HEAD						
	5	1	223-4158	12	RIVET						
	6	1	229-6868	2	COVER						
	7	1	211-0293	1	PANEL AS						
	8	1	220-8531	1	FOAM						
M	9	1	5C-2890	8	NUT (M6X1 THD)						
	10	1	9X-8256	8	WASHER (6.6X12X2MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01032205



# ENCLOSURES, GUARDS AND BASES

## 211-0294 PANEL GP-ENCLOSURE

S/N: SNX1-UP

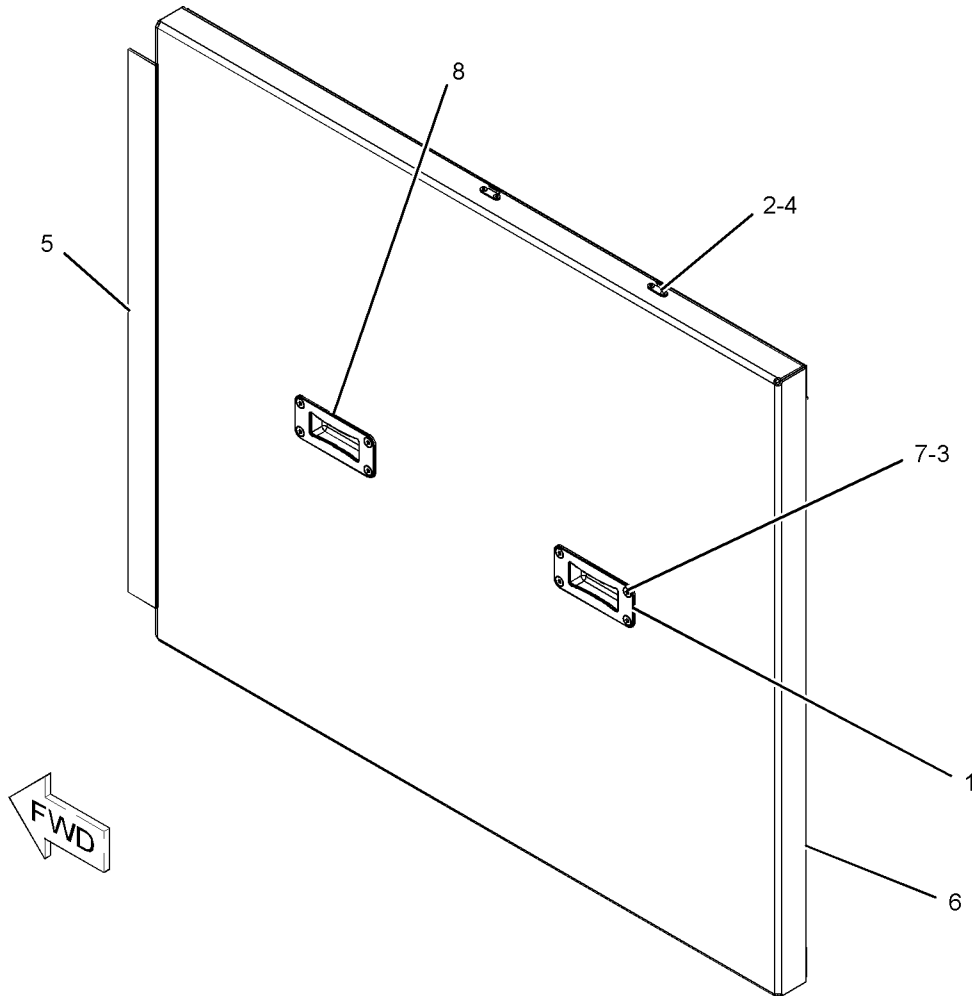
PART OF 229-7544 ENCLOSURE GP-GENERATOR  
AN ATTACHMENT

SMCS-7274

i01835090

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	204-1116	2	HANDLE						
	2	1	204-1118	6	CATCH						
	3	1	205-5148	8	SCREW-FLAT HEAD						
	4	1	223-4158	12	RIVET						
	5	1	211-0295	1	PANEL AS						
	6	1	220-8532	1	FOAM						
M	7	1	5C-2890	8	NUT (M6X1 THD)						
	8	1	9X-8256	8	WASHER (6.6X12X2MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01032404



# ENCLOSURES, GUARDS AND BASES

## 211-0307 PANEL GP-ENCLOSURE

S/N: SNX1-UP

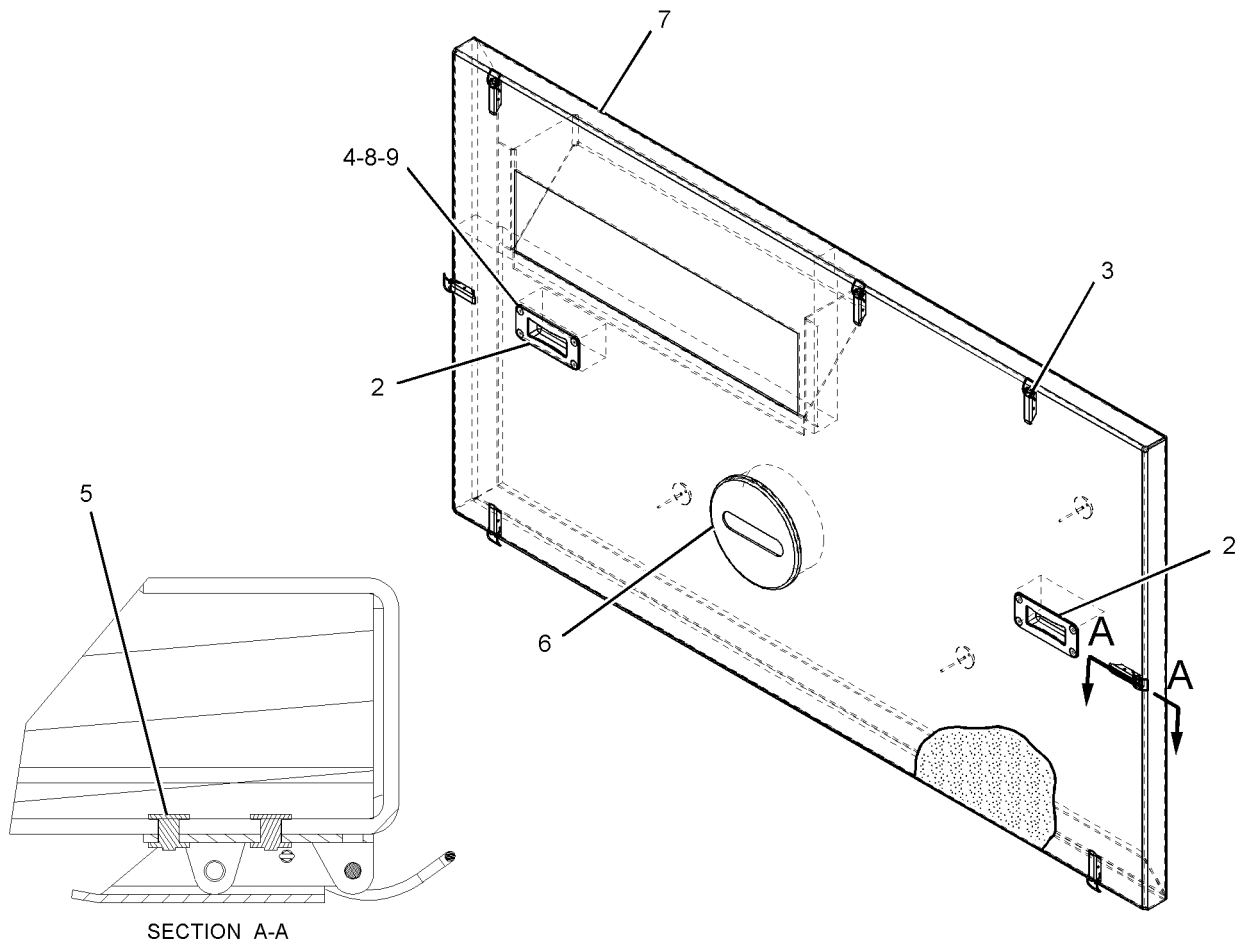
PART OF 229-7544 ENCLOSURE GP-GENERATOR  
AN ATTACHMENT

SMCS-7274

i01835092

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	142-8194	6	RIVET (3/16")						
	2	1	204-1116	2	HANDLE						
	3	1	204-1117	7	LATCH						
	4	1	205-5148	8	SCREW-FLAT HEAD						
	5	1	223-4158	14	RIVET						
	6	1	229-6868	1	COVER						
	7	1	211-0308	1	PANEL AS						
	8	1	220-8533	1	FOAM						
M	9	1	5C-2890	8	NUT (M6X1 THD)						
	10	1	9X-8256	8	WASHER (6.6X12X2MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01023786



# ENCLOSURES, GUARDS AND BASES

## 211-0309 PANEL GP-ENCLOSURE

S/N: SNX1-UP

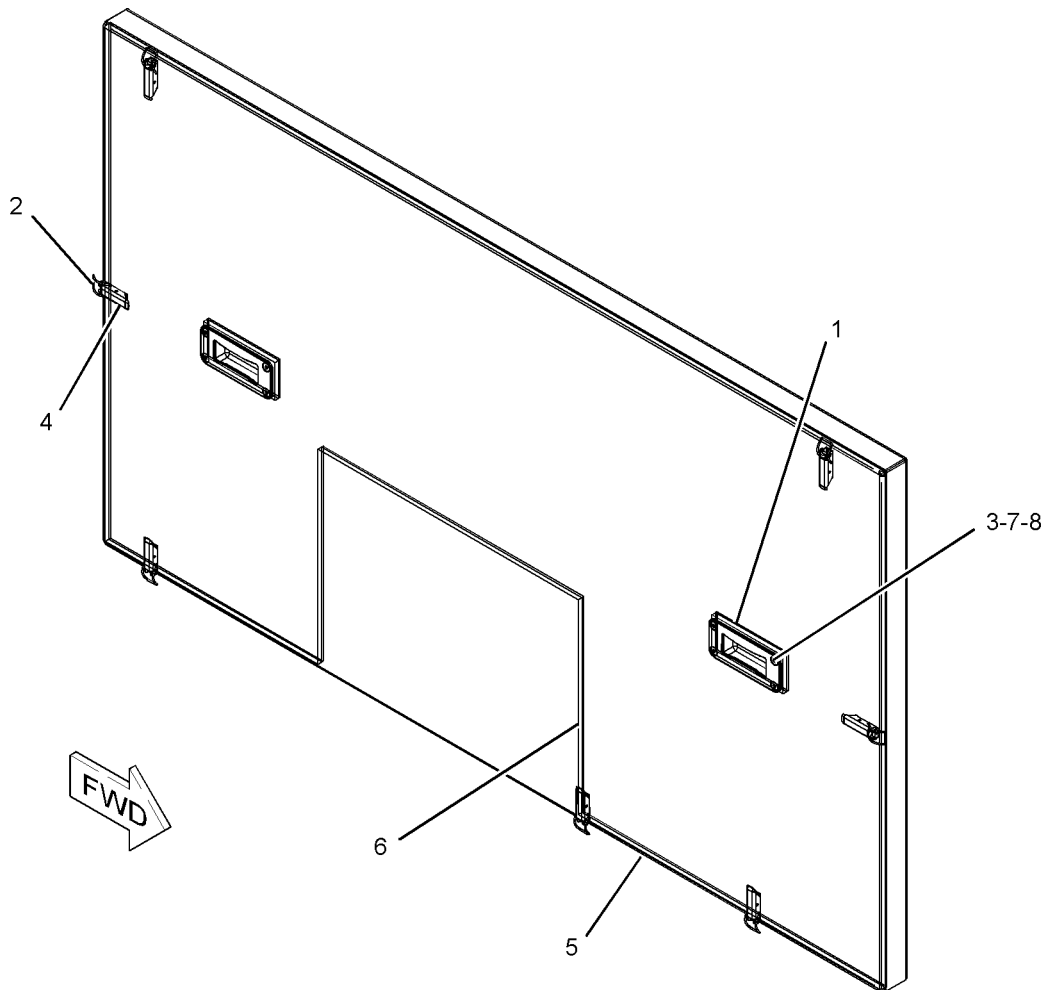
PART OF 229-7544 ENCLOSURE GP-GENERATOR  
AN ATTACHMENT

SMCS-7274

i01835093

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	204-1116	2	HANDLE						
	2	1	204-1117	7	LATCH						
	3	1	205-5148	8	SCREW-FLAT HEAD						
	4	1	223-4158	14	RIVET						
	5	1	211-0310	1	PANEL AS						
	6	1	220-8534	1	FOAM						
M	7	1	5C-2890	8	NUT (M6X1 THD)						
	8	1	9X-8256	8	WASHER (6.6X12X2MM THK)						
F			144-7183	4	RING-RETAINING						

F - NOT SHOWN  
M - METRIC PART



GRAPHIC #1

<END>

g01032234



# ENCLOSURES, GUARDS AND BASES

## 222-5129 PANEL GP-ENCLOSURE

S/N: SNX1-UP

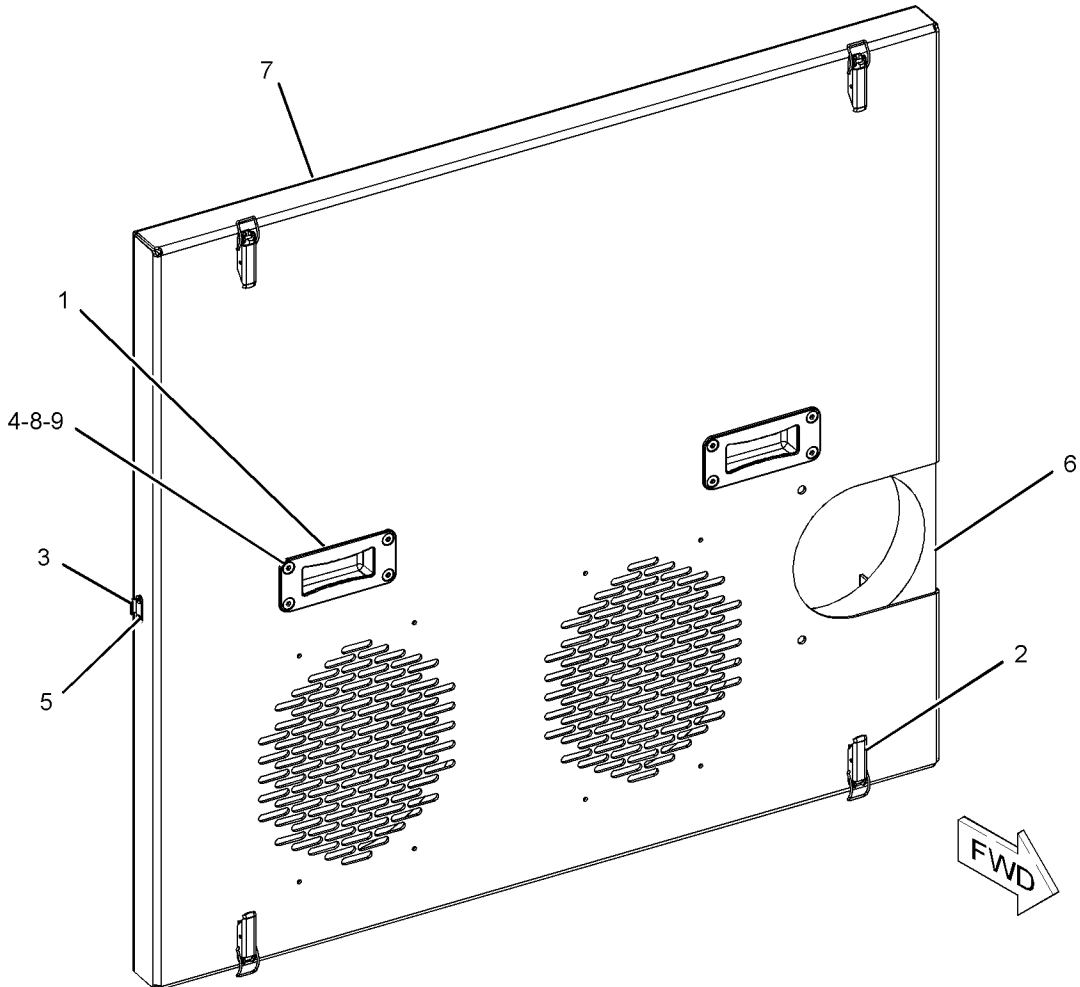
PART OF 229-7544 ENCLOSURE GP-GENERATOR  
AN ATTACHMENT

SMCS-7274

i01835114

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	204-1116	2	HANDLE						
	2	1	204-1117	4	LATCH						
	3	1	204-1118	2	CATCH						
	4	1	205-5148	8	SCREW-FLAT HEAD						
	5	1	223-4158	12	RIVET						
	6	1	229-8591	1	FOAM						
	7	1	222-5128	1	PANEL AS						
M	8	1	5C-2890	8	NUT (M6X1 THD)						
	9	1	9X-8256	8	WASHER (6.6X12X2MM THK)						

M-METRIC PART



GRAPHIC #1

<END>

g01032233





# ENCLOSURES, GUARDS AND BASES

## 224-5051 PANEL GP-ENCLOSURE

S/N: SNX1-UP

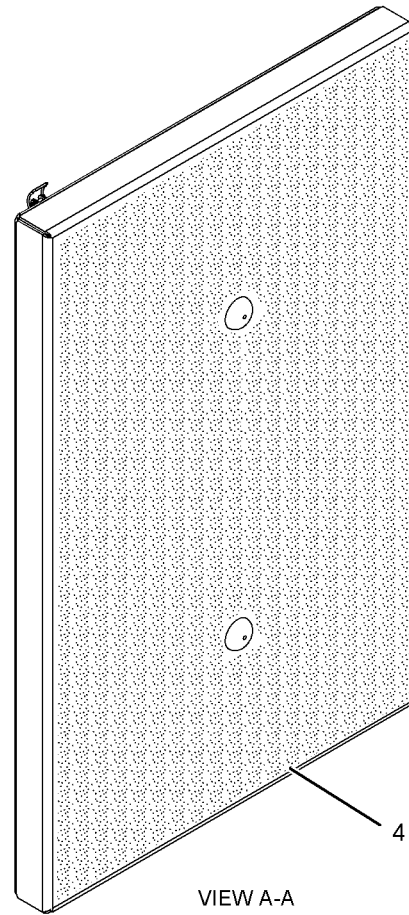
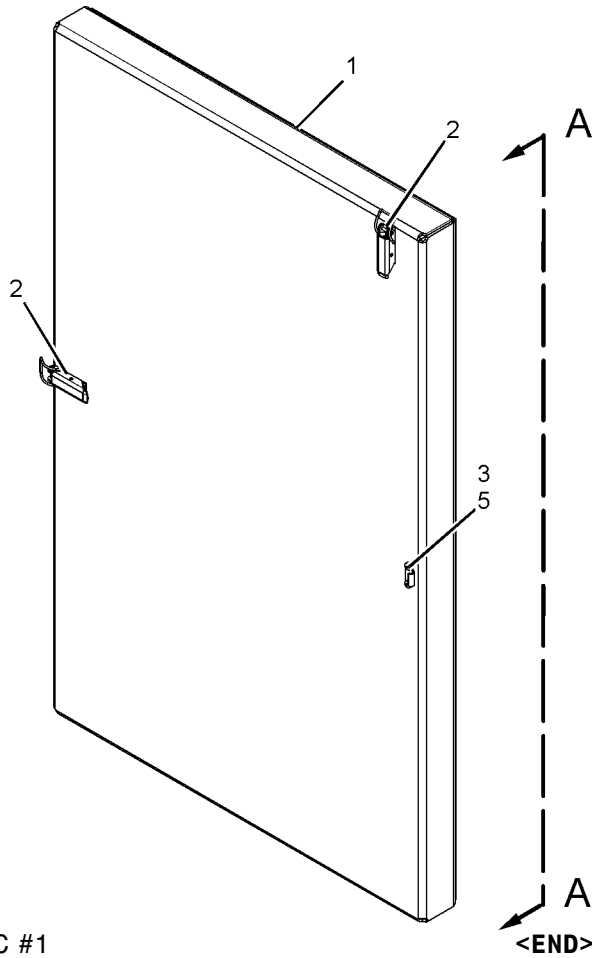
PART OF 229-7546 ENCLOSURE GP-GENERATOR  
AN ATTACHMENT

SMCS-7274

i01835127

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	203-4536	1	PANEL AS						
	2	1	204-1117	2	LATCH						
	3	1	204-1118	1	CATCH						
	4	1	205-3480	1	FOAM						
	5	1	223-4158	6	RIVET						
F			144-7183	1	RING-RETAINING						

F - NOT SHOWN



g01023755



# GENERATORS

## 215-2978 FILTER AS-RFI

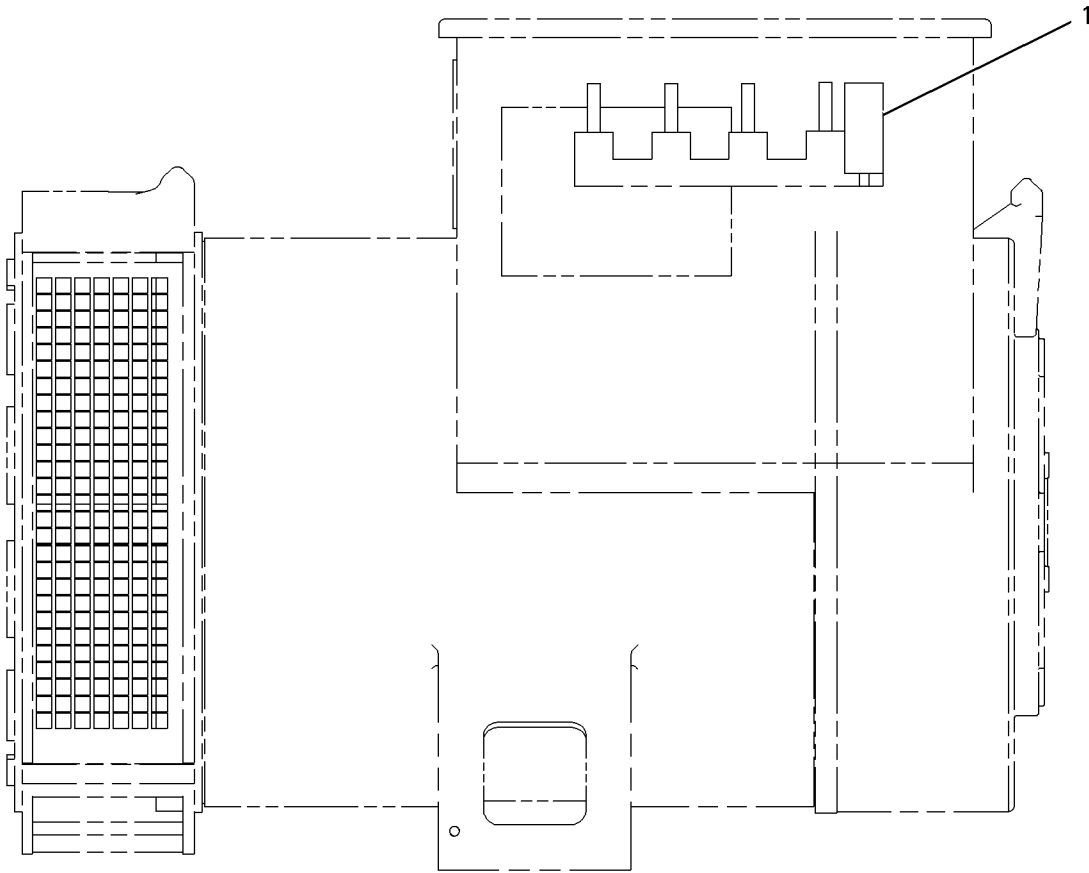
S/N: SNX1-UP

AN ATTACHMENT

SMCS-4479

i01646797

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	215-2547	1	FILTER-ELECTRONIC						



GRAPHIC #1

<END>

g00855079



# GENERATORS

## 213-9660 GENERATOR AR

S/N: SNX1-UP  
ALSO AN ATTACHMENT

SMCS-4450

i01642329

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	213-5073	1	ENGINE AR-COMPLETE						7
Y- SEPARATE ILLUSTRATION									

<END>



# GENERATORS

## 214-3066 GENERATOR AR

S/N: SNX1-UP

AN ATTACHMENT

SMCS-4450

i01642370

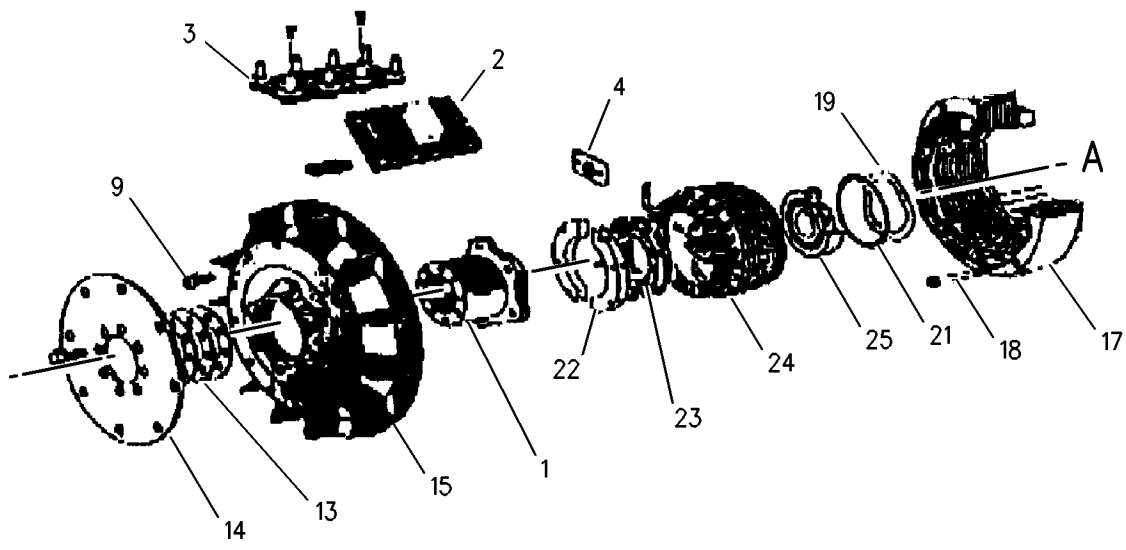
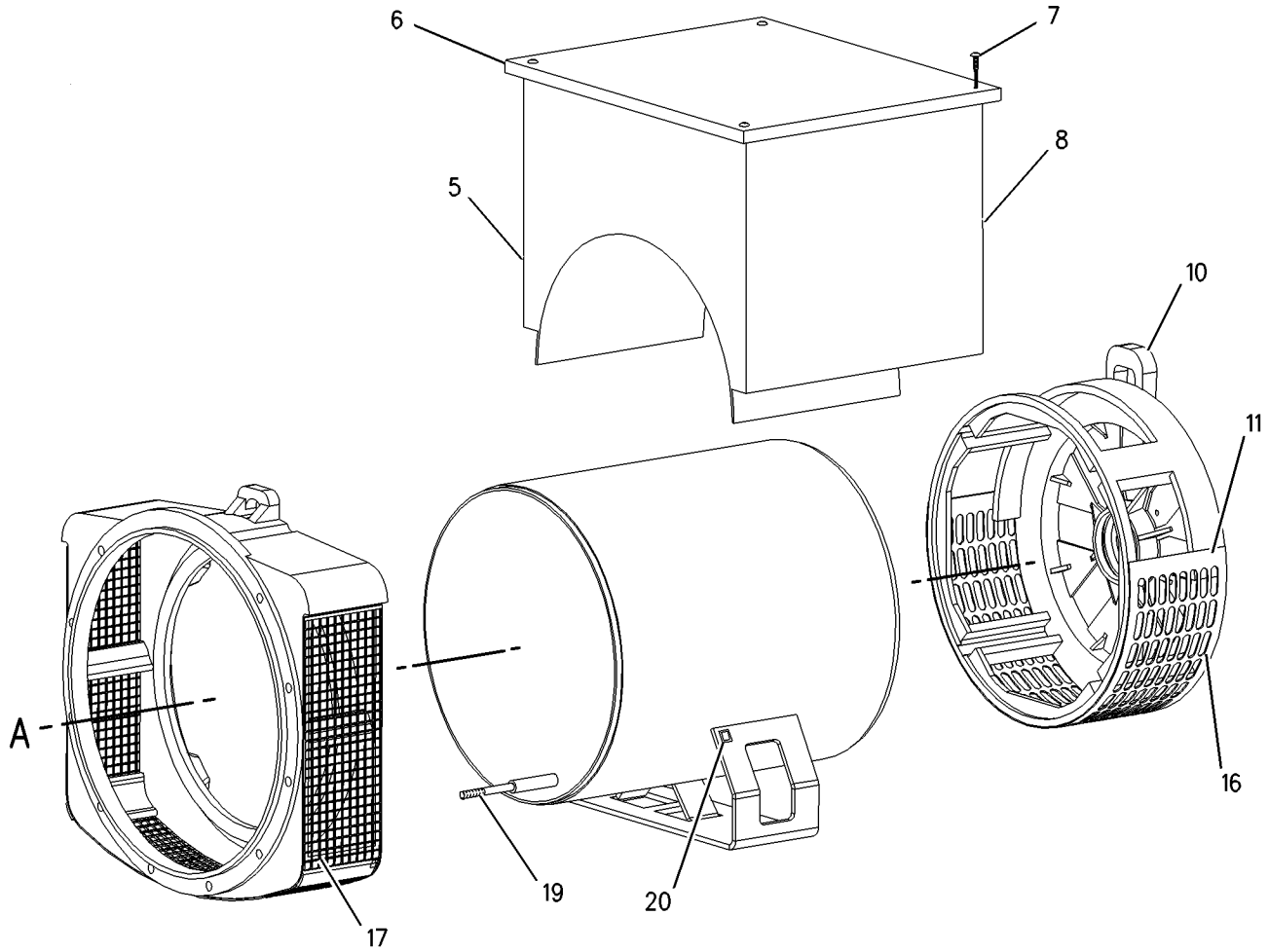
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	214-0574	1	HUB						
	2	1	213-9673	1	REGULATOR						
	3	1	213-9675	1	PLATE - TERMINAL						
	4	1	214-0587	1	SUPPRESSION UNIT						
	5	1	213-9677	1	BOX - TERMINAL						
	6	1	213-9678	1	BOX - TERMINAL						
	7	1	213-9690	20	SCREW						
	8	1	213-9696	1	BOX - TERMINAL						
	9	1	214-0577	6	SCREW						
	10	1	213-9698	1	BRACKET						
	11	1	213-9701	3	PLATE (CORNER)						
	13	1	214-0578	1	SPACER						
	14	1	214-0498	1	DISC (COUPLING)						
	15	1	214-0500	1	FAN						
	16	1	214-0572	1	LOUVER						
	17	1	214-0534	1	EXCITER						
	18	1	214-0514	4	SCREW						
	19	1	214-0513	1	WASHER (PRELOAD)						
	20	1	214-0501	1	TERMINAL (EARTH)						
	21	1	214-0511	1	SEAL						
	22	1	214-0505	1	BRIDGE AS						
	23	1	214-0506	1	BRACKET - SUPPORT						
	24	1	214-0508	1	ARMATURE (EXCITER)						
		1	214-2148	1	ARMATURE (EXCITER)						
	25	1	214-0509	1	BEARING						
					AVAILABLE REPAIR KIT(S) :						
			214-0583	1	MAGNET KIT						
					INCLUDES HOUSING, ADAPTION SHAFT, ROTOR MAGNETS, STATOR, SCREWS, WASHER, NUT, TIE ROD AND END PLATE						



# GENERATORS

214-3066 GENERATOR AR (contd.)

i01642370



GRAPHIC #1

<END>

g00860095



# GENERATORS

## 214-4564 GENERATOR AR

S/N: SNX1-UP  
ALSO AN ATTACHMENT

SMCS-4450

i01642409

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	213-5074	1	ENGINE AR-COMPLETE						8

Y-SEPARATE ILLUSTRATION

<END>

## 232-4480 GENERATOR AR

S/N: SNX1-UP  
AN ATTACHMENT

SMCS-4450

i01860983

NOTE	PART NUMBER	QTY	PART NAME						SEE PAGE
			1	2	3	4	5	6 (PRODUCT LEVEL)	
Y	230-7106	1	ENGINE AR-COMPLETE						9

Y-SEPARATE ILLUSTRATION

<END>



# GENERATORS

## 241-3670 GENERATOR AR

S/N: SNX1-UP

SMCS-4450

i01971553

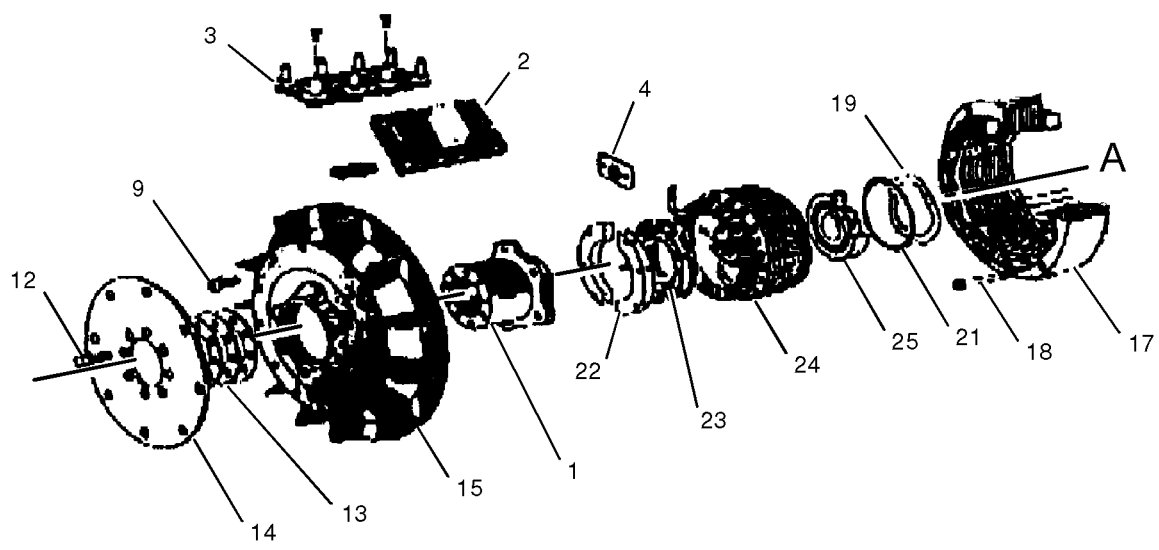
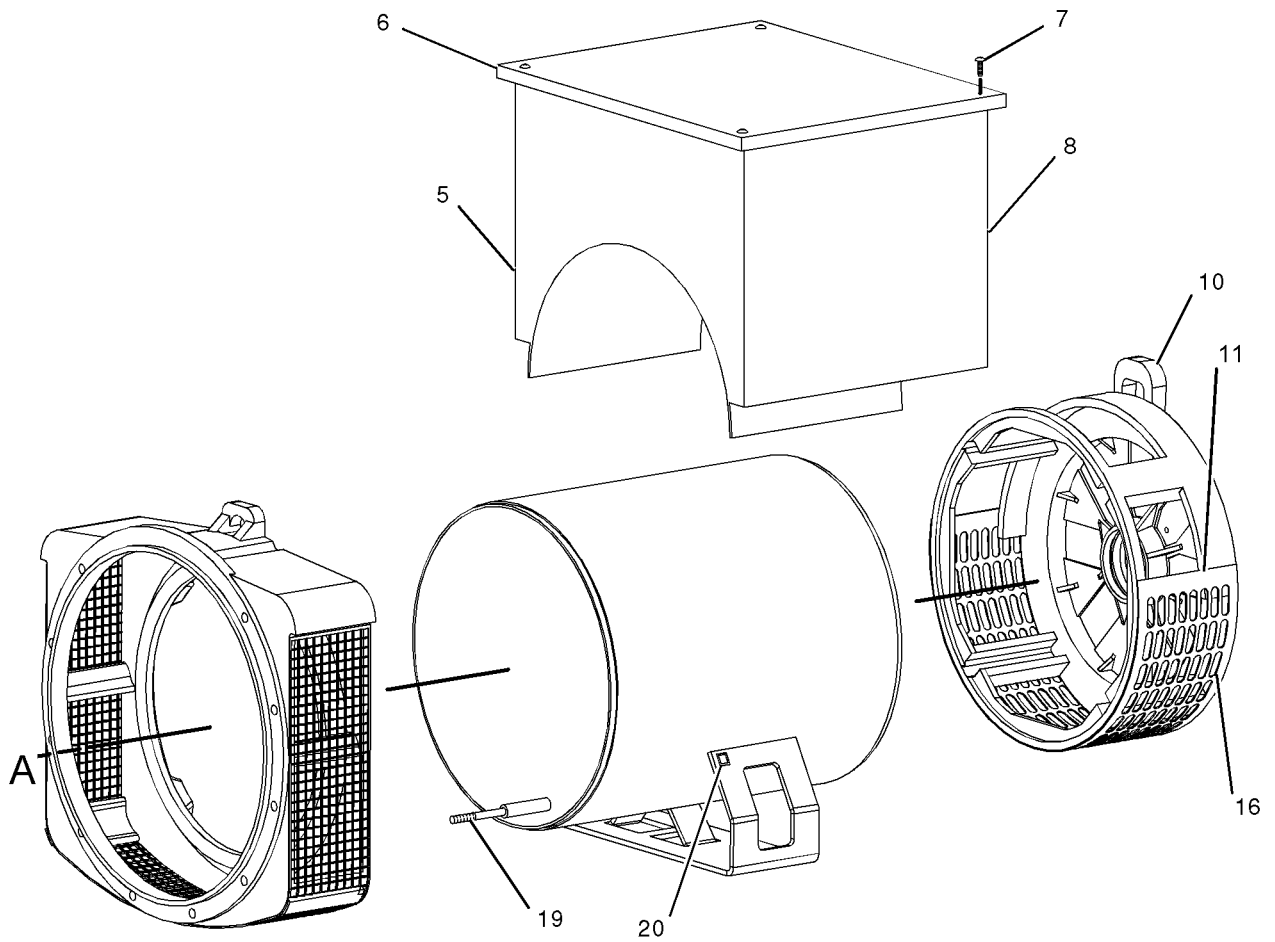
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	214-0574	1	HUB						
	2	1	213-9673	1	REGULATOR						
	3	1	213-9675	1	PLATE - TERMINAL						
	4	1	214-0587	1	SUPPRESSION UNIT						
	5	1	213-9677	1	BOX - TERMINAL						
	6	1	213-9678	1	BOX - TERMINAL						
	7	1	213-9690	20	SCREW						
	8	1	213-9696	1	BOX - TERMINAL						
	9	1	214-0577	6	SCREW						
	10	1	213-9698	1	BRACKET						
	11	1	213-9701	3	PLATE (CORNER)						
	12	1	214-0497	6	SCREW (FIXING)						
	13	1	214-0578	1	SPACER						
	14	1	214-0498	1	DISC (COUPLING)						
	15	1	214-0500	1	FAN						
	16	1	214-0572	1	LOUVER						
	17	1	214-0534	1	EXCITER						
	18	1	214-0514	4	SCREW						
	19	1	214-0513	1	WASHER (PRELOAD)						
	20	1	214-0501	1	TERMINAL (EARTH)						
	21	1	214-0511	1	SEAL						
	22	1	214-0505	1	BRIDGE AS						
	23	1	214-0506	1	BRACKET - SUPPORT						
	24	1	214-0508	1	ARMATURE (EXCITER)						
		1	214-2148	1	ARMATURE (EXCITER)						
	25	1	214-0509	1	BEARING						
					AVAILABLE REPAIR KIT(S) :						
			214-0583	1	KIT-MAGNET						
					INCLUDES HOUSING, ADAPTION SHAFT, ROTOR MAGNETS, STATOR, SCREWS, WASHER, NUT, TIE ROD AND END PLATE						



# GENERATORS

241 - 3670 GENERATOR AR (contd.)

i01971553



GRAPHIC #1

<END>

g01022768





# GENERATORS

## 241-3676 GENERATOR AR

S/N: SNX1-UP

SMCS-4450

i01971562

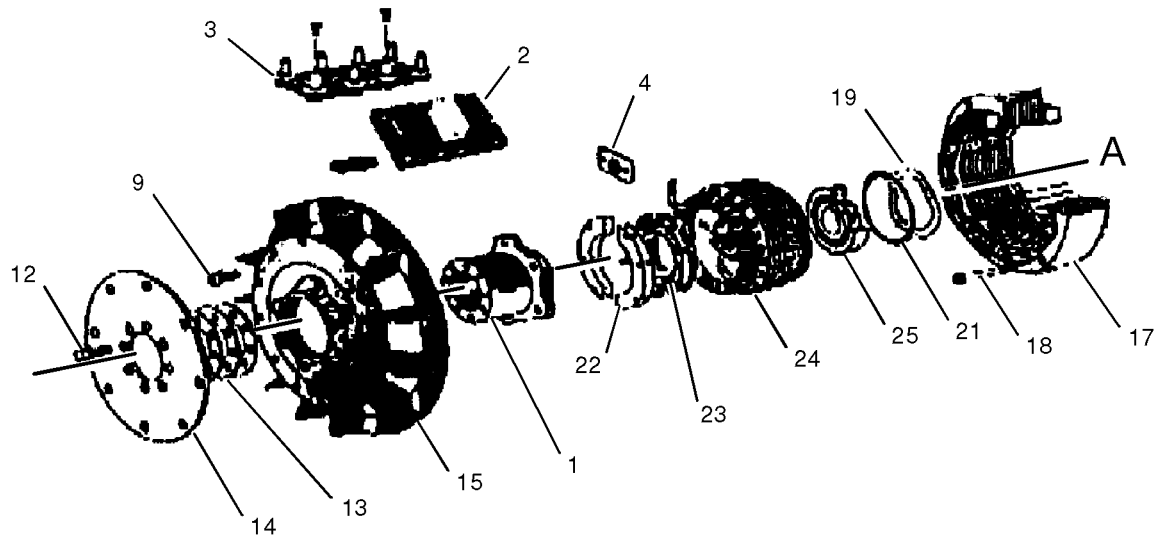
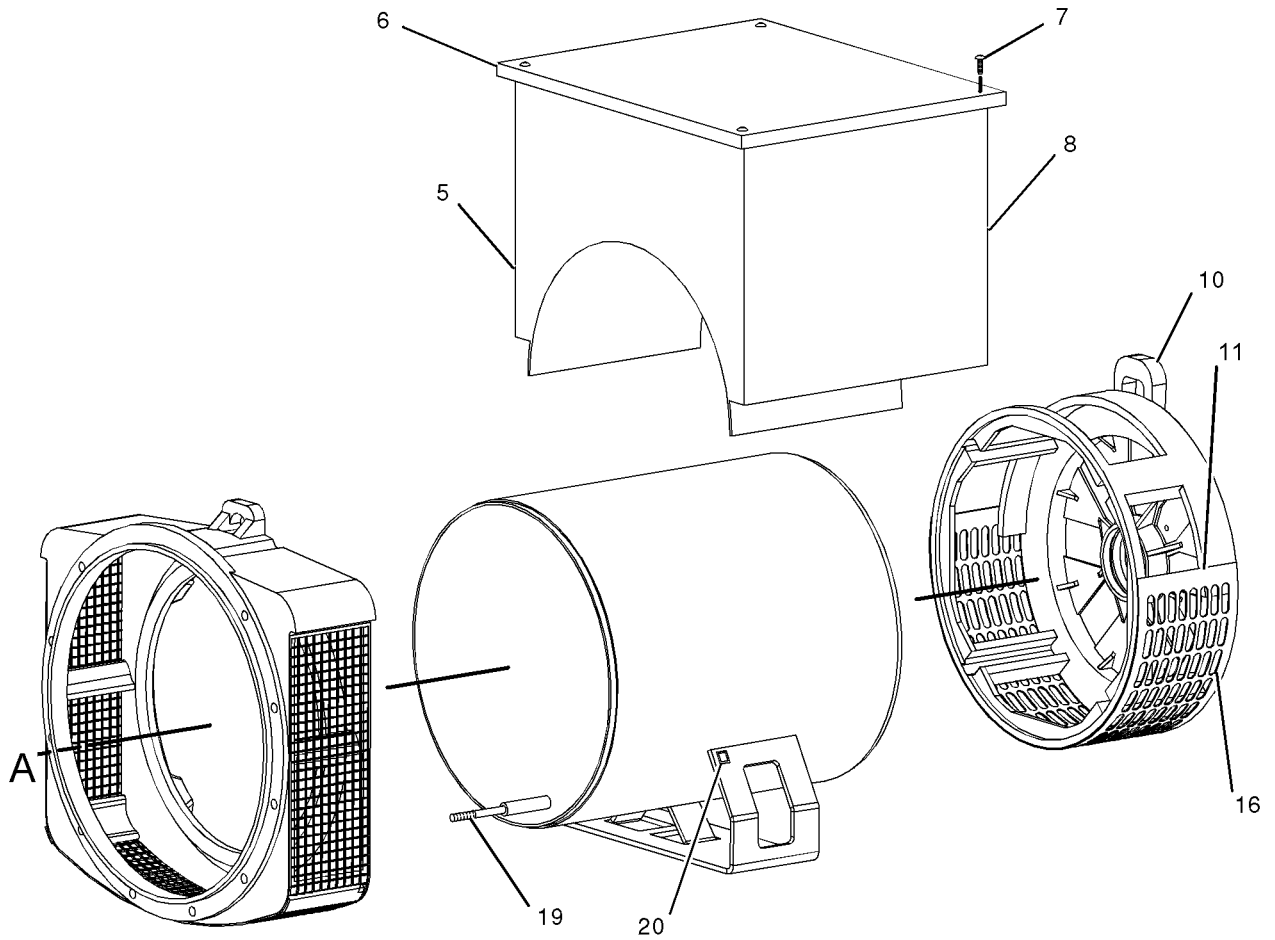
NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	214-0574	1	HUB						
	2	1	213-9673	1	REGULATOR						
	3	1	213-9675	1	PLATE - TERMINAL						
	4	1	214-0587	1	SUPPRESSION UNIT						
	5	1	213-9677	1	BOX - TERMINAL						
	6	1	213-9678	1	BOX - TERMINAL						
	7	1	213-9690	20	SCREW						
	8	1	213-9696	1	BOX - TERMINAL						
	9	1	214-0577	6	SCREW						
	10	1	213-9698	1	BRACKET						
	11	1	213-9701	3	PLATE (CORNER)						
	12	1	214-0497	6	SCREW (FIXING)						
	13	1	214-0578	1	SPACER						
	14	1	214-0498	1	DISC (COUPLING)						
	15	1	214-0500	1	FAN						
	16	1	214-0572	1	LOUVER						
	17	1	214-0534	1	EXCITER						
	18	1	214-0514	4	SCREW						
	19	1	214-0513	1	WASHER (PRELOAD)						
	20	1	214-0501	1	TERMINAL (EARTH)						
	21	1	214-0511	1	SEAL						
	22	1	214-0505	1	BRIDGE AS						
	23	1	214-0506	1	BRACKET - SUPPORT						
	24	1	214-0508	1	ARMATURE (EXCITER)						
		1	214-2148	1	ARMATURE (EXCITER)						
	25	1	214-0509	1	BEARING						
					AVAILABLE REPAIR KIT(S) :						
			214-0583	1	KIT-MAGNET						
					INCLUDES HOUSING, ADAPTION SHAFT, ROTOR MAGNETS, STATOR, SCREWS, WASHER, NUT, TIE ROD AND END PLATE						



# GENERATORS

241 - 3676 GENERATOR AR (contd.)

i01971562



GRAPHIC #1

<END>

g01022768



# GENERATORS

## 214-5006 HEATER GP-SPACE

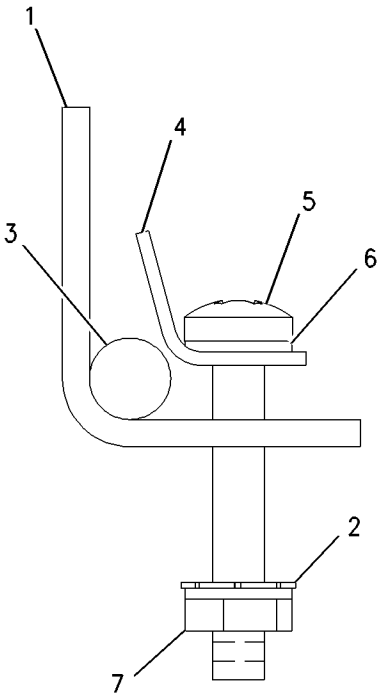
S/N: SNX1-UP  
120 VOLTS  
AN ATTACHMENT

SMCS-7274

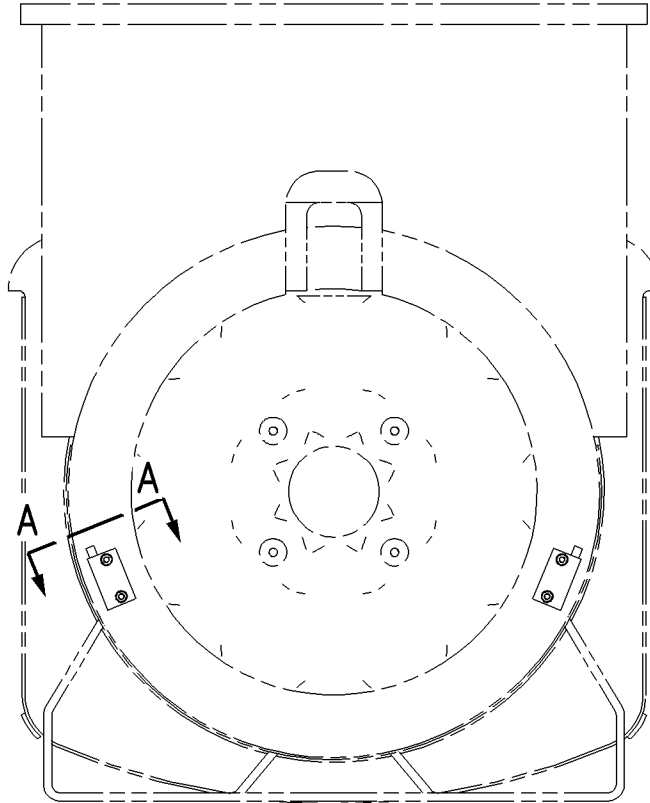
i01663908

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	216-8212	2	PLATE-SUPPORT						
	2	1	095-0826	4	LOCKWASHER						
	3	1	215-2417	2	HEATER AS						
	4	1	216-8214	2	PLATE-LOCK						
M	5	1	6V-9492	4	SCREW-MACHINE (M4X0.7X25MM)						
	6	1	8C-9660	8	WASHER (4.6X7.9X0.8MM THK)						
M	7	1	8T-7961	4	LOCKNUT						

M-METRIC PART



SECTION A-A



GRAPHIC #1

<END>

g00855247



# GENERATORS

## 214-5007 HEATER GP-SPACE

S/N: SNX1-UP

240 VOLTS

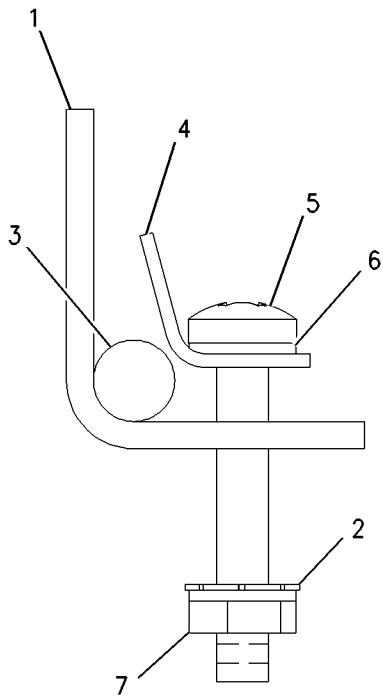
AN ATTACHMENT

SMCS-7274

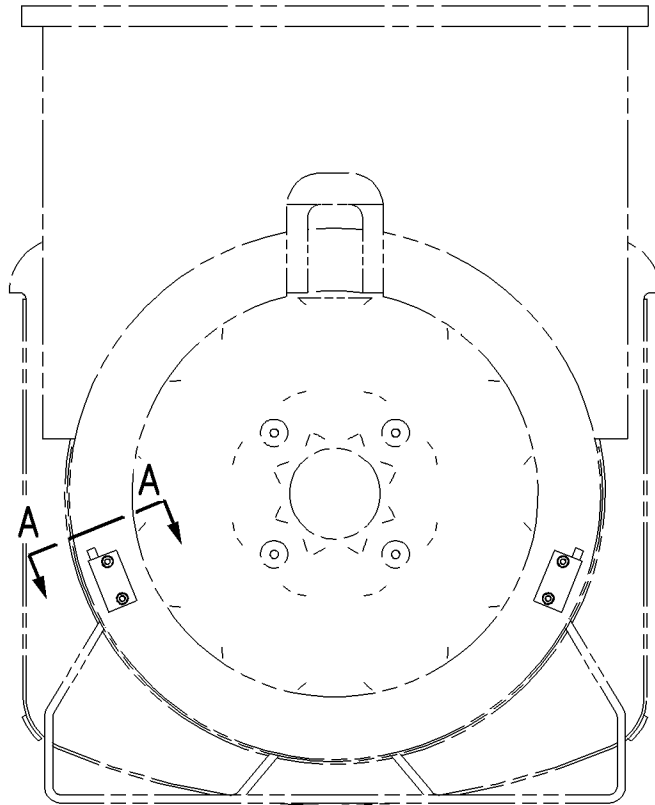
i01984132

NOTE	REF NO	GRAPHIC REF	PART NUMBER	QTY	PART NAME						SEE PAGE
					1	2	3	4	5	6 (PRODUCT LEVEL)	
	1	1	216-8212	2	PLATE-SUPPORT						
	2	1	095-0826	4	LOCKWASHER						
	3	1	215-2418	2	HEATER AS-SPACE						
	4	1	216-8214	2	PLATE-LOCK						
M	5	1	6V-9492	4	SCREW-MACHINE (M4X0.7X25MM)						
	6	1	8C-9660	8	WASHER (4.6X7.9X0.8MM THK)						
M	7	1	8T-7961	4	LOCKNUT						

M-METRIC PART



SECTION A-A



GRAPHIC #1

<END>

g00855247



# GENERATORS

## 215-7471 TRANSFORMER

S/N: SNX1-UP

100:5 RATIO

FOR USE WITH PREMIUM AND REMOTE PANELS WITH AC METERING  
AN ATTACHMENT

SMCS-4476

i01646959

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

## 215-7472 TRANSFORMER

S/N: SNX1-UP

200:5 RATIO

FOR USE WITH PREMIUM AND REMOTE PANELS WITH AC METERING  
AN ATTACHMENT

SMCS-4476

i01646966

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

## 215-7473 TRANSFORMER

S/N: SNX1-UP

300:5 RATIO

FOR USE WITH PREMIUM AND REMOTE PANELS WITH AC METERING  
AN ATTACHMENT

SMCS-4476

i01646972

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

## 215-7474 TRANSFORMER

S/N: SNX1-UP

400:5 RATIO

FOR USE WITH PREMIUM AND REMOTE PANELS WITH AC METERING  
AN ATTACHMENT

SMCS-4476

i01646974

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



# GENERATORS

## 241 - 6081 TRANSFORMER

S/N: SNX1-UP  
FOR USE WITH 150-200 AMP FULL LOAD CURRENT  
AN ATTACHMENT

SMCS - 4476

i01995498

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

## 241 - 6082 TRANSFORMER

S/N: SNX1-UP  
FOR USE WITH 150-200 AMP FULL LOAD CURRENT  
AN ATTACHMENT

SMCS - 4476

i01995499

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

## 241 - 6083 TRANSFORMER

S/N: SNX1-UP  
FOR USE WITH 250-300 AMP FULL LOAD CURRENT  
AN ATTACHMENT

SMCS - 4476

i01995500

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

## 241 - 6084 TRANSFORMER

S/N: SNX1-UP  
FOR USE WITH 300-400 AMP FULL LOAD CURRENT  
AN ATTACHMENT

SMCS - 4476

i01995503

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



# MEMORANDA



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		3N-5976 . . . . .	295		122		90
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	236	5C-2890 . . . . .	141		80		128
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