



CATERPILLAR

SEBP1250

parts

D3B Tractor

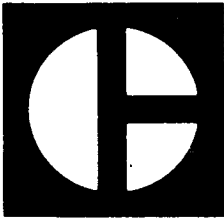
Powered by 3204 Engine

**23Y1-Up (Vehicle)
45V21898-Up (Engine)
1EA1-Up (Transmission)
84U1-Up (Ripper)
7WA1-Up (Winch)**

**85U3210-Up (Bulldozer)
87U755 to Last Built (Backhoe)
32W1-Up (Backhoe)
88U594 to Last Built (Backhoe)**

CONTENTS

ALPHABETICAL INDEX OF GROUPS... 3
 CONVERSION EQUIVALENT
 TABLES INSIDE BACK COVER
 ORDERING PARTS..... 2
 QUICK REFERENCE
 CHART INSIDE FRONT COVER
 USING THE PARTS BOOK..... 2



PARTS BOOK D3B TRACTOR POWERED BY 3204 ENGINE

SERIAL NUMBER
 23Y1-UP (VEHICLE)
 45V21898-UP (ENGINE)
 1EA1-UP (TRANSMISSION)
 7WA1-UP (WINCH)
 84U1-UP (3 RIPPER)
 85U3210-UP (3P BULLDOZER)
 87U755 TO LAST BUILT
 (FIXED PIVOT BACKHOE)
 32W1-UP (FIXED PIVOT BACKHOE)
 88U594 TO LAST BUILT
 (SIDESHIFT BACKHOE)

REVISION PUBLISHED MARCH 1984
 CATERPILLAR TRACTOR CO.
 PUBLICATIONS DIV.—SERVICE G.O.
 PEORIA, ILL. U.S.A.

QUICK REFERENCE GUIDE TO MAJOR SECTIONS

- REPLACEMENT ITEMS
AND SCHEMATIC
- BASIC ENGINE
- LUBRICATION SYSTEM
- COOLING SYSTEM
- INTAKE AND
EXHAUST SYSTEM
- FUEL SYSTEM
AND GOVERNOR
- STARTING AND
ELECTRICAL SYSTEM
- POWER TRAIN—
POWER TRANSMISSION UNIT
- STEERING CLUTCHES
AND BRAKES
- CHASSIS AND
UNDERCARRIAGE
- HYDRAULIC SYSTEM
- IMPLEMENTS
- CAB, GAUGES
AND ACCESSORIES

MACHINE IDENTIFICATION Caterpillar machines are identified with SERIAL NUMBERS. Serial numbers are assigned to the chassis and to the engine. The chassis and the engine also carry ARRANGEMENT NUMBERS and in some cases MODIFICATION NUMBERS. These numbers are shown on the serial number plates and on the master plate in the operator's compartment. For the location of the serial number plates, refer to the Specification Section at the back of this Parts Book.

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

ORDERING PARTS Quality Caterpillar Replacement parts are available from Caterpillar dealers throughout the world. Their parts stocks are up to date and include all parts normally required to protect your investment in Caterpillar machines. When ordering parts, your order should specify the quantity, part number, part name and the serial number, arrangement number and any modification numbers of the machine for which the parts are needed. If in doubt about the part number, please provide your dealer with a complete description of the needed item.

HOW TO USE THE PARTS BOOK Caterpillar Parts Books include illustrations of the groups or assemblies which make up the machine. These illustrations show the standard components plus many of the attachments available for the machine.

The alphabetical index located in the front part of the book should be used to determine the page number on which specific illustrations are shown. Reference to those pages will identify each of the individual serviceable parts.

Captions The caption under each illustration identifies the part number and name of the group or assembly shown. If more than one illustration is included for any group, the caption identifies the specific machine serial numbers to which each illustration applies. In some cases it is not possible to determine the specific machine serial numbers to which different illustrations are applicable. In those cases the caption identifies the illustration as "First Type", "Second Type", etc. Reference to the actual group or assembly is necessary in those cases to determine which illustration should be used.

Captions provide additional information such as page numbers where illustrations of sub assemblies are shown, information regarding quantities used and other information intended to assist the user in determining parts needs.

Indented Part Names Within each illustration is a parts list identifying each serviceable part in the illustration. When a part name is indented in this list, it means that serviceable item is a part of the serviceable item under which it is indented.

Abbreviations and Symbols

▲ Used to call attention to additional information shown elsewhere within the illustration.

●
R.H. Right Hand Refers to the side of the machine as viewed from the operator's compartment.
L.H. Left Hand

C Indicates changes from the previous illustration of the same group or assembly.

O.D. Outside Diameter

I.D. Inside Diameter

N/S Not Serviced

Assem. Assembly

in. Inch

ft Foot

cm Centimeter

dm Decimeter

Note: Continuing improvement and advancement of product design may cause changes to your machine which may not be included in this publication. Each publication is reviewed and revised, as required, to update and include these changes in later editions.

Whenever a question arises regarding your Caterpillar product, or this publication, please consult your Caterpillar dealer for the latest available information.

IDENTIFICATION DE LA MACHINE Toutes les machines Caterpillar portent un NUMÉRO DE SÉRIE. Les châssis et les moteurs ont aussi un numéro de série. Ils peuvent également avoir des NUMÉROS DE VERSION et, dans certains cas, de MODIFICATION. Ces numéros figurent sur les plaques de série et sur la plaque signalétique principale qui se trouve dans le poste de conduite. Pour connaître l'emplacement des plaques signalétiques, se reporter au chapitre intitulé "Specifications", à la fin du Catalogue de pièces.

Les concessionnaires Caterpillar doivent connaître tous ces numéros pour savoir quels composants ont été employés lors du montage en usine, et trouver plus facilement le numéro des pièces de rechange.

COMMANDE DE PIÈCES Les concessionnaires Caterpillar fournissent dans le monde entier des pièces de rechange Caterpillar. Les stocks de pièces sont perpétuellement remis à jour et comptent toutes les pièces nécessaires pour assurer la bonne marche de votre machine Caterpillar. Lors des commandes de pièces, mentionnez la quantité, le numéro des pièces, le nom et le numéro de série, le numéro de version et, le cas échéant, le numéro de modification de la machine concernée. En cas de doute sur le numéro de pièce, il conviendra de fournir au concessionnaire une description complète de la pièce en question.

UTILISATION DU CATALOGUE DE PIÈCES Le Catalogue de pièces comporte des illustrations des groupes ou ensembles qui composent la machine. Les illustrations représentent les composants standard plus les accessoires disponibles.

Au début du catalogue figure un index alphabétique qui renvoie aux pages et illustrations correspondantes. Toutes les pièces de la machine avec leurs numéros figurent dans ces pages.

Légendes Chaque illustration comporte une légende comprenant le numéro de pièce, la désignation du groupe ou celle de l'ensemble. Si à un groupe donné correspondent plusieurs illustrations, la légende indiquera le numéro de série de chaque machine spécifique. Dans ce cas, les dessins comportent la mention "Premier type", "Deuxième type", etc. Pour déterminer quelles illustrations utiliser, il faudra connaître la référence du groupe ou de l'ensemble correspondant.

Les légendes indiquent également les numéros de page des plans des sous-ensembles, les quantités utilisées et autres renseignements destinés à aider l'utilisateur à déterminer quelles sont les pièces nécessaires.

Numéros de pièce en retrait Chaque illustration comporte la liste des pièces qui la constituent et que l'on peut se procurer. Lorsqu'une désignation de pièce est en retrait de cette liste, cela veut dire que l'article en regard fait partie de l'ensemble sous lequel il figure.

Abréviations et symboles

▲
●

R.H. Côté droit
L.H. Côté gauche

Symbole utilisé pour attirer l'attention sur une information supplémentaire figurant ailleurs dans l'illustration.
Vu à partir du poste de conduite.

C Indique les changements par rapport à l'illustration précédente représentant le même groupe ou ensemble.

O.D. Diamètre extérieur
I.D. Diamètre intérieur
N/S Non remplaçable
Assem. Ensemble
in. pouce
ft pied
cm centimètre
dm décimètre

Nota : En raison du progrès technique et des améliorations continues apportées au matériel, votre machine comporte peut-être des modifications qui n'apparaissent pas dans la présente publication. Les éditions ultérieures seront revues et corrigées en conséquence.

En cas de doute sur un détail de votre machine Caterpillar ou sur le texte de la présente publication, adressez-vous à votre concessionnaire Caterpillar.

MAQUINAS Las máquinas Caterpillar se identifican por medio de **NUMEROS DE SERIE**. Se asignan números de serie al chasis y al motor. El chasis y el motor también tienen **NUMEROS DE DISPOSICION** o **ARREGLO** y en algunos casos, **NUMEROS DE MODIFICACION**. Estos números se muestran en las placas de números de serie y en la placa maestra en el compartimiento del operador. La ubicación de las placas de números de serie se indica en la sección de Especificaciones en la parte de atrás de este Catálogo de Piezas.

Los distribuidores Caterpillar necesitan estos números para poder determinar qué componentes se incluyeron en la máquina cuando ésta se armó en la fábrica. Esto permitirá identificación exacta de los números de pieza de los repuestos.

COMO PEDIR REPUESTOS Los distribuidores Caterpillar en todo el mundo tienen disponibles piezas de repuesto Caterpillar de calidad. Sus existencias están actualizadas e incluyen todas las piezas normalmente requeridas para proteger su inversión en máquinas Caterpillar. Al pedir repuestos, especifique en su pedido la cantidad, el número de pieza, el nombre de la pieza y el número de serie, el número de disposición y cualquier número de modificación de la máquina para la cual se necesitan los repuestos. Si tiene dudas con respecto al número de pieza, suministre al distribuidor una descripción completa de la pieza que necesita.

COMO USAR ESTE CATALOGO Los Catálogos de Piezas Caterpillar tienen las ilustraciones de los grupos o conjuntos que componen la máquina. Estas ilustraciones muestran los componentes estándar además de muchos de los accesorios disponibles para la máquina.

Se debe utilizar el índice alfabético en la parte anterior de este catálogo para determinar el número de la página en la que aparecen las ilustraciones correspondientes. En dichas páginas se identifica cada una de las piezas que se suministran.

Títulos El título debajo de cada ilustración identifica el número de pieza y el nombre del grupo o conjunto indicado. Si para cualquier grupo se incluye más de una ilustración, el título identifica los números de serie de la máquina correspondientes a cada ilustración. En algunos casos no es posible determinar los números de serie de la máquina correspondientes a las diferentes ilustraciones. En esos casos, el título identifica la ilustración como "Primer tipo", "Segundo tipo", etc. Es necesario referirse al grupo o conjunto en sí en estos casos para determinar qué ilustración se debe utilizar.

Los títulos suministran información adicional, tal como los números de las páginas en que aparecen las ilustraciones de los subconjuntos, las cantidades utilizadas y demás datos para ayudar al usuario a determinar las piezas o repuestos que necesita.

Nombres de pieza indentados Dentro de cada ilustración aparece una lista de piezas que identifica cada pieza que se suministra indicada en la ilustración. Cuando el nombre de una pieza aparece indentado en esta lista, significa que esta pieza forma parte del artículo que se suministra debajo del cual se ha indentado.

Abreviaturas y símbolos

▲ Utilizado para indicar que hay información adicional al respecto en alguna otra parte de la ilustración.

R.H. Lado derecho. Se refiere al lado de la máquina, visto desde el compartimiento del operador.

L.H. Lado izquierdo.

C Indica cambios con respecto a la ilustración anterior del mismo grupo o conjunto.

O.D. Diámetro exterior

I.D. Diámetro interior

N/S No se suministra

Assem. Conjunto

in. Pulgada

ft Pie

cm Centímetro

dm Decímetro

Nota: Las continuas mejoras y los avances en el diseño de los productos podrían haber causado cambios en su máquina que tal vez no estén incluidos en esta publicación. Cada publicación se revisa y actualiza, según sea necesario, para incluir estos cambios en ediciones posteriores.

Cuando tenga alguna pregunta con respecto a su máquina Caterpillar, o a esta publicación, sírvase consultar al distribuidor Caterpillar a fin de obtener la información más reciente.

IDENTIFICAÇÃO DA MÁQUINA As máquinas Caterpillar são identificadas por NÚMEROS DE SÉRIE e DO ARRANJO, atribuídos tanto ao chassi como ao motor. Em alguns casos há ainda um NÚMERO DA MODIFICAÇÃO. Esses números estão escritos nas placas do número de série e na placa mestra que se encontra no compartimento do operador. A localização das placas de número de série está indicada na secção de Especificações, na parte de trás deste catálogo.

Os revendedores Caterpillar necessitam esses números para determinar que componentes foram originalmente instalados na máquina. Isto permite uma identificação extra dos números das peças sobressalentes.

COMO OBTER PEÇAS Os revendedores Caterpillar no mundo inteiro têm disponíveis peças sobressalentes Caterpillar, de qualidade. Os seus estoques são atualizados e incluem todas as peças normalmente necessárias para proteger o seu investimento nos produtos Caterpillar. Ao fazer um pedido de peças especifique a quantidade, o número de referência e o nome de cada peça, bem como o número de série, do arranjo e da modificação (se houver) da máquina a que as peças se destinam. Se tiver dúvida quanto ao número de referência duma peça, dê ao seu revendedor uma descrição completa do item desejado.

COMO USAR O CATÁLOGO DE PEÇAS Os catálogos de peças Caterpillar incluem ilustrações dos grupos ou conjuntos de que se compõem as máquinas. Estas ilustrações mostram os componentes standard e muitos dos acessórios disponíveis para elas.

O índice alfabético no início do catálogo dá o número da primeira página em que se encontra uma determinada ilustração. Vendo nestas páginas se pode identificar cada uma das peças individuais que existe à venda.

Legendas das Ilustrações A legenda de cada ilustração identifica o número e o nome do grupo mostrado. Se houver mais de uma ilustração para o mesmo grupo, a legenda indicará os números de série a que cada uma se aplica. Às vezes não é possível determinar os números de série específicos para um grupo de ilustrações. Em tais casos as legendas as identificam como "First Type" (Primeiro Tipo), "Second Type" (Segundo Tipo), etc. Será então necessário referir-se ao grupo ou conjunto real para saber qual a ilustração que se aplica.

As legendas dão ainda informações adicionais, tais como os números de páginas onde ilustrações de sub conjuntos são encontradas, informações sobre quantidades usadas e outras mais que possam ajudar no pedido de peças.

Nomes de Peças Embutidos Cada ilustração apresenta uma lista de todas as peças correspondentes que existem à venda individualmente. Quan-

do o nome da peça aparece embutido (mais para dentro), significa que a peça pode ser obtida separadamente, porém já está incluída no item sob o qual o nome está embutido.

Abreviaturas e Símbolos

- ▲ Usados para indicar que existem informações adicionais em outra parte da ilustração.
-
- R.H. "Right Hand" (Lado Direito)
- L.H. "Left Hand" (Lado Esquerdo) (Referem-se ao lado da máquina vista da plataforma de operação para a frente.)
- C "Change". Indica modificação da ilustração anterior do mesmo grupo ou conjunto.
- O.D. "Outside Diameter" (Diâm. externo)
- I.D. "Inside Diameter" (Diâm. interno)
- N/S "Not Serviced" (Não disponível separadamente)
- Assem. "Assembly" (Conjunto)
- in. "inch" (polegada)
- ft "foot" (pé de comprimento — 30,5 cm)

Nota: O contínuo processo de desenvolvimento e melhoria dos produtos pode ocasionar mudanças em seu equipamento que não estejam ainda incluídas neste catálogo. Cada nova edição é revisada para atualizar e incluir estas modificações.

Quando em dúvida sobre o seu produto Caterpillar, ou esta publicação, consulte o seu Revendedor Caterpillar para obter a última informação disponível.

GERÄTE-IDENTIFIKATION Alle Caterpillar-Geräte werden durch **SERIENNUMMERN (SERIAL NUMBERS)** identifiziert. Fahrwerk und Motor haben Seriennummern sowie **BAUGRUPPENNUMMERN (ARRANGEMENT NUMBERS)** und in einigen Fällen **ÄNDERUNGSNUMMERN (MODIFICATION NUMBERS)**. Diese Nummern befinden sich auf den Seriennummernplatten und auf der Hauptplatte im Fahrerhaus. Die Lage dieser Platten wird im Abschnitt "Specifications" dieses Parts Book angegeben.

Die Caterpillar-Händler benötigen diese Nummern, um festzustellen, welche Bauteile bei der Montage des Geräts im Werk verwendet wurden, und um die richtigen Ersatzteilnummern finden zu können.

BESTELLEN VON ERSATZTEILEN Caterpillar-Ersatzteile von hoher Qualität sind bei den Caterpillar-Händlern weltweit erhältlich. Ihre Ersatzteillager befinden sich auf dem neuesten Stand und es sind alle Teile lieferbar, die normalerweise nötig sind, um zu garantieren, daß sich der Kauf Ihres Caterpillar-Geräts gelohnt hat. Bei der Bestellung von Teilen müssen Anzahl, Teilnummer, Bezeichnung und die Seriennummer, Baugruppennummer und gegebenenfalls die Änderungsnummern des Geräts angegeben werden, für das die Teile benötigt werden. Kann die Seriennummer nicht genau festgestellt werden, muß der Händler eine genaue Beschreibung des benötigten Teils erhalten.

GEBRAUCH DES PARTS BOOK In den Caterpillar Parts Books befinden sich Abbildungen der Baugruppen, aus denen sich das Gerät zusammensetzt. Diese Abbildungen zeigen die Standardbauteile und viele der für das Gerät lieferbaren Zusatzausrüstungen.

Das alphabetische Inhaltsverzeichnis vorn im Buch wird verwendet, um die Seite festzustellen, auf der sich eine bestimmte Abbildung befindet. Durch Bezugnahme auf diese Seiten kann jedes der zu liefernden Teile identifiziert werden.

Bildlegenden Die Legende unter jeder Abbildung gibt die Nummer und Bezeichnung des Teils oder der Baugruppe an. Wenn sich mehr als eine Abbildung einer bestimmten Baugruppe im Buch befindet, werden in der Bildlegende die genauen Seriennummern der Geräte aufgeführt, auf die sich die Abbildung bezieht. In einigen Fällen ist es nicht möglich, die Seriennummern der Geräte festzustellen, auf die sich verschiedene Abbildungen beziehen. In der Bildunterschrift werden diese Abbildungen mit "Type 1", "Type 2" usw. identifiziert. In diesem Fall muß Bezug auf das Teil oder die Baugruppe genommen werden, um festzustellen, welche Abbildung verwendet werden muß.

Weiterhin geben die Bildlegenden Auskunft über die Seiten, auf denen Teilgruppen gezeigt werden, über die Anzahl usw.; dies soll dem Verbraucher bei der Wahl der benötigten Teile helfen.

Eingerückte Teilebezeichnungen In jeder Abbildung befindet sich eine Ersatzteilliste, in der alle lieferbaren Teile aufgeführt werden. Wenn eine Bezeichnung in der Liste eingerückt ist, bedeutet dies, daß das entsprechende Teil zu der Gruppe gehört, unter der es eingerückt wurde.

Abkürzungen und Symbole

▲ Weisen darauf hin, daß sich an einer anderen Stelle der Abbildung zusätzliche Angaben befinden.

●
R.H. rechts Die entsprechende Seite des
L.H. links Geräts vom Fahrerhaus aus
gesehen.

C Bezeichnet Änderungen gegenüber der vorherigen Abbildung desselben Teils oder derselben Baugruppe.

O.D. Äußerer Durchmesser

I.D. Innerer Durchmesser

N/S Nicht lieferbar

Assem. Zusammengesetztes Teil
in. Zoll

ft Fuß

cm Zentimeter

dm Dezimeter

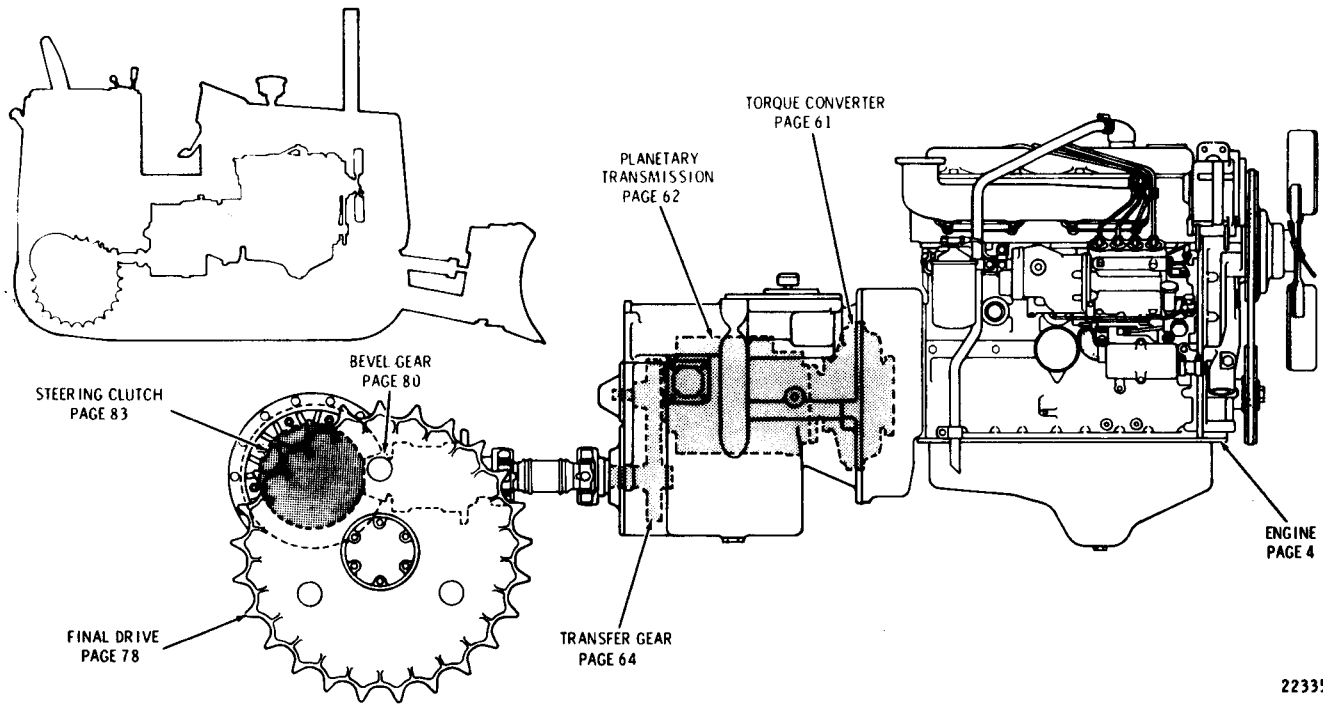
Hinweis: Verbesserungen, die ständig an unseren Geräten vorgenommen werden, können Änderungen an Ihrem Gerät zur Folge haben, die möglicherweise in dieser Veröffentlichung nicht erwähnt sind. Jede Veröffentlichung wird nach Bedarf überarbeitet und erneuert. Änderungen werden in späteren Ausgaben berücksichtigt.

Wenn Sie Fragen in bezug auf Ihr Caterpillar-Gerät oder diese Veröffentlichung haben, wenden Sie sich bitte an Ihren Caterpillar-Händler.

REPLACEMENT ITEMS

The following chart provides a convenient listing of those items which require occasional replacement during normal operation or maintenance.

	PART NO.	QTY. USED	PAGE NO.
BATTERIES — 12 Volt	4S9261	1	41
BREATHERS			
Crankcase	6N3382	1	20
Transmission	8S5820	1	64
Bevel Gears	8S5820	1	70
Hydraulic	8S5820	1	118
COOLING SYSTEM			
Cap — Relief Valve	321464	1	21
FILTERS			
Air Cleaner			
Element Assem. — Primary	4N326	1	25
Element Assem. — Secondary	4N313	1	25
Cab Pressurizer — Filter Assem.	5G1913	1	203
	5G1827	1	205
Crankcase — Filter Assem.	9L9200	1	18
Fuel			
Filter Assem.	9L9100	1	37
Hydraulic			
Tank — Element Assem.	9M9740	1	116
Transmission			
Screen — Bottom of Case	6P1407	1	68
GASKETS			
Hydraulic Filler Cap	9H6454	1	116
Valve Cover	9L8020	1	13
LAMPS			
Front & Rear	2P7470	3	55
SEAT BELT			
	3V7111		
	or 3V7112		211
VEE BELTS			
Fan Drive	8N2818	1	15
WINDSHIELD WIPER BLADE			
(Front & Rear)	6S6897	2	213



223352

POWER TRAIN

INDEX

ENGINE ARRANGEMENT LIST STARTS ON PAGE 4

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<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 45%;">Name</th> <th style="text-align: right; width: 10%;">Page</th> </tr> </thead> <tbody> <tr><td>Accessory Drive</td><td style="text-align: right;">36</td></tr> <tr><td>Air Cleaner</td><td style="text-align: right;">25</td></tr> <tr><td>Air Conditioner</td><td style="text-align: right;">213D</td></tr> <tr><td>Air Filter Indicator</td><td style="text-align: right;">215</td></tr> <tr><td>Air Lines</td><td style="text-align: right;">26</td></tr> <tr><td>Alarm—Back-Up Warning</td><td style="text-align: right;">59</td></tr> <tr><td>Alternator</td><td style="text-align: right;">50</td></tr> <tr><td>Angling Blade</td><td style="text-align: right;">168</td></tr> </tbody> </table>	Name	Page	Accessory Drive	36	Air Cleaner	25	Air Conditioner	213D	Air Filter Indicator	215	Air Lines	26	Alarm—Back-Up Warning	59	Alternator	50	Angling Blade	168		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 45%;">Name</th> <th style="text-align: right; width: 10%;">Page</th> </tr> </thead> <tbody> <tr><td>Bulldozer C-Frame</td><td style="text-align: right;">169</td></tr> </tbody> </table>	Name	Page	Bulldozer C-Frame	169																																																																																					
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Bulldozer C-Frame	169																																																																																																												
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<table style="width: 100%; border-collapse: collapse;"> <tbody> <tr><td>Backhoe Arrangement</td><td style="text-align: right;">170</td></tr> <tr><td>Backhoe Console</td><td style="text-align: right;">174</td></tr> <tr><td>Backhoe Mounting Arrangement</td><td style="text-align: right;">172</td></tr> <tr><td>Backhoe Ripper</td><td style="text-align: right;">190</td></tr> <tr><td>Backhoe Sliding Frame</td><td style="text-align: right;">177</td></tr> <tr><td>Backhoe Swing Frame</td><td style="text-align: right;">177</td></tr> <tr><td>Back-Up Warning</td><td style="text-align: right;">59</td></tr> <tr><td>Battery</td><td style="text-align: right;">41</td></tr> <tr><td>Battery — Heavy Duty</td><td style="text-align: right;">49</td></tr> <tr><td>Battery and Wiring</td><td style="text-align: right;">41</td></tr> <tr><td>Bearings — Crankshaft</td><td style="text-align: right;">10</td></tr> <tr><td>Bevel Gear</td><td style="text-align: right;">80</td></tr> <tr><td>Bit and Cutting Edge</td><td style="text-align: right;">167</td></tr> <tr><td>Boom</td><td style="text-align: right;">182</td></tr> <tr><td>Brake Band Lining</td><td style="text-align: right;">91</td></tr> <tr><td>Breather</td><td style="text-align: right;">20</td></tr> <tr><td>Breather — Hydraulic Tank</td><td style="text-align: right;">118</td></tr> <tr><td>Breather — Transmission</td><td style="text-align: right;">64</td></tr> <tr><td>Bucket Linkage — Backhoe</td><td style="text-align: right;">183</td></tr> <tr><td>Bulldozer Arrangements</td><td style="text-align: right;">166</td></tr> </tbody> </table>	Backhoe Arrangement	170	Backhoe Console	174	Backhoe Mounting Arrangement	172	Backhoe Ripper	190	Backhoe Sliding Frame	177	Backhoe Swing Frame	177	Back-Up Warning	59	Battery	41	Battery — Heavy Duty	49	Battery and Wiring	41	Bearings — Crankshaft	10	Bevel Gear	80	Bit and Cutting Edge	167	Boom	182	Brake Band Lining	91	Breather	20	Breather — Hydraulic Tank	118	Breather — Transmission	64	Bucket Linkage — Backhoe	183	Bulldozer Arrangements	166		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">C</th> </tr> </thead> <tbody> <tr><td>Cab</td><td style="text-align: right;">194</td></tr> <tr><td>Cab Heater</td><td style="text-align: right;">213F</td></tr> <tr><td>Cab Mounting</td><td style="text-align: right;">94</td></tr> <tr><td>Cab Wiring</td><td style="text-align: right;">44</td></tr> <tr><td>Cab Pressurizer</td><td style="text-align: right;">202</td></tr> <tr><td>Cable—Governor Control</td><td style="text-align: right;">29</td></tr> <tr><td>Cable—Piston Pump Control</td><td style="text-align: right;">74</td></tr> <tr><td>Camshaft</td><td style="text-align: right;">10</td></tr> <tr><td>Cap—Engine Oil Filler</td><td style="text-align: right;">13</td></tr> <tr><td>Cap—Fuel Tank</td><td style="text-align: right;">39</td></tr> <tr><td>Cap—Hydraulic Tank</td><td style="text-align: right;">116</td></tr> <tr><td>Cap—Radiator</td><td style="text-align: right;">21</td></tr> <tr><td>Clutch & Gear—Winch</td><td style="text-align: right;">191J</td></tr> <tr><td>Connecting Rod and Piston</td><td style="text-align: right;">11</td></tr> <tr><td>Control Valve & Lines—Backhoe</td><td style="text-align: right;">132</td></tr> <tr><td>Cooler—Engine Oil</td><td style="text-align: right;">23</td></tr> <tr><td>Cooler—Hydraulic</td><td style="text-align: right;">23B</td></tr> <tr><td>Cooler—Torque Converter</td><td style="text-align: right;">24</td></tr> <tr><td>Counterweight</td><td style="text-align: right;">96</td></tr> <tr><td>Counterweight—Blade</td><td style="text-align: right;">98</td></tr> <tr><td>Counterweight—Idler</td><td style="text-align: right;">95</td></tr> <tr><td>Covers & Case—Winch</td><td style="text-align: right;">191D</td></tr> <tr><td>Crankshaft</td><td style="text-align: right;">9</td></tr> <tr><td>Cylinder—Angling Bulldozer</td><td style="text-align: right;">138</td></tr> <tr><td>Cylinder—Boom</td><td style="text-align: right;">142</td></tr> <tr><td>Cylinder—Bucket</td><td style="text-align: right;">143</td></tr> <tr><td>Cylinder—Lift</td><td style="text-align: right;">137</td></tr> <tr><td>Cylinder—Ripper</td><td style="text-align: right;">140</td></tr> <tr><td>Cylinder—Stabilizer</td><td style="text-align: right;">144</td></tr> <tr><td>Cylinder—Stick</td><td style="text-align: right;">141</td></tr> <tr><td>Cylinder—Tilt</td><td style="text-align: right;">138</td></tr> <tr><td>Cylinder Block and Covers</td><td style="text-align: right;">6</td></tr> </tbody> </table>	C		Cab	194	Cab Heater	213F	Cab Mounting	94	Cab Wiring	44	Cab Pressurizer	202	Cable—Governor Control	29	Cable—Piston Pump Control	74	Camshaft	10	Cap—Engine Oil Filler	13	Cap—Fuel Tank	39	Cap—Hydraulic Tank	116	Cap—Radiator	21	Clutch & Gear—Winch	191J	Connecting Rod and Piston	11	Control Valve & Lines—Backhoe	132	Cooler—Engine Oil	23	Cooler—Hydraulic	23B	Cooler—Torque Converter	24	Counterweight	96	Counterweight—Blade	98	Counterweight—Idler	95	Covers & Case—Winch	191D	Crankshaft	9	Cylinder—Angling Bulldozer	138	Cylinder—Boom	142	Cylinder—Bucket	143	Cylinder—Lift	137	Cylinder—Ripper	140	Cylinder—Stabilizer	144	Cylinder—Stick	141	Cylinder—Tilt	138	Cylinder Block and Covers	6	
Backhoe Arrangement	170																																																																																																												
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Backhoe Mounting Arrangement	172																																																																																																												
Backhoe Ripper	190																																																																																																												
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Counterweight—Blade	98																																																																																																												
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Covers & Case—Winch	191D																																																																																																												
Crankshaft	9																																																																																																												
Cylinder—Angling Bulldozer	138																																																																																																												
Cylinder—Boom	142																																																																																																												
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Cylinder—Lift	137																																																																																																												
Cylinder—Ripper	140																																																																																																												
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Cylinder—Stick	141																																																																																																												
Cylinder—Tilt	138																																																																																																												
Cylinder Block and Covers	6																																																																																																												

Name	Page
Cylinder Head	12

D

Dash	214
Door — Cab	198
Drawbar	94
Drive Shaft — Bevel Gear	81
Drum — Brake	78

E

Engine & Transmission Support	14
Engine Arrangement	4
Engine Enclosure	98
Ejector Bucket — Backhoe	184
Ether Starting Aid	57
Exhaust Extension	28
Exhaust Manifold	26

F

Fan — Blower	22
Fan Drive	15
Filler — Power Train Oil	70
Filter — Air Cleaner	25
Filter — Cab Pressurizer	204
Filter — Fuel	37
Filter — Hydraulic	116
Filter — Oil	18
Final Drive	78
Firewall	100
Flywheel	16
Flywheel Housing	16
Frame	92

Name	Page
Frame—Backhoe	175
Front Housing	14B
Front Idler	108
Front Pull Hook	95
Fuel Filler Extension	40
Fuel Injection Lines	35
Fuel Injection Pump	34
Fuel Lines	38
Fuel Tank	39
Fuel Transfer & Priming Pump	38
Fumes Disposal	20

G

Gasket — Cylinder Head	12
Gasket — Oil Pan	17
Gasket — Valve Cover	13
Gasket Kit	219
Gauge — Ammeter	43
Gauge — Hydraulic Oil Temperature	119
Gauge — Oil Pressure	215
Gauge — Oil Temperature	215
Gauge — Steering Clutch Oil Level	70
Gauge — Transmission Oil Level	70
Gauge — Water Temperature	215
Gauges	215
Governor	32
Governor & Fuel Injection Pump	31
Governor & Transmission Control	30
Governor Control	29
Grease Gun	218
Guard — Bottom — Frame	106
Guard — Brush	104
Guard — Fan	22
Guard — Hydraulic Hand Control	122
Guard — Radiator	103
Guard — Radiator — Hinged	104
Guard — Recoil Mechanism	110
Guard — Track Roller	105

Name	Page
Guard — Transmission Control	67

H

Handle—Hydraulic Tank	116
Harness—Cab Wiring	46
Hoe Bucket	185
Hoe Stick	181
Hood and Guard	101
Horn—Electric	58
Hose—Piston Pump Lines	74
Hose—Steering Clutch Control	84
Hoses—Upper & Lower Radiator	21
Housing—Front	14B
Hour Meter—Electric	214
Hydraulic Arrangement	120
Hydraulic Hand Control	121
Hydraulic Hand Control Lock	124
Hydraulic Pump Lines	147
Hydraulic Tank and Filter	116

I

Idler	109
-------------	-----

K

Kit — Alternator Repair	51
Kit — Piston Pump & Lines Check Valve	75
Kit — Starting Motor Repair	53
Kit — Water Pump Repair	22

L

Lamp — Cab	44
------------------	----

Name	Page
Lifting Engine	14
Lighting	55
Liner—Firewall	99
Lines—Air Conditioner	213E
Lines—Angling Cylinder	150
Lines—Boom Cylinder	158
Lines—Bucket Cylinder	160
Lines—Fuel Filter	37
Lines—Fuel Injection	35
Lines—Hydraulic—Backhoe	155
Lines—Hydraulic Pump	147
Lines—Lift Cylinder	149
Lines—Rear Hydraulic Attachments	148
Lines—Ripper	154
Lines—Stabilizer	162
Lines—Stick Cylinder	156
Lines—Swing Actuator	164
Lines—Tilt Cylinder	152
Lines—Water	23
Lines Winch	191Z
Lines & Pump—Winch Drive	73
Linkage—Steering Brake	88
Linkage—Transmission Control	66
Links—Track	114

M

Manifold—Filter Base & Pressure Control	191Y
Motor—Cab Pressurizer	203
Mounting—Ripper	189
Mounting—ROPS	93
Mounting & Control—Backhoe	173
Muffler	27

N

Name Plates & Films	220
---------------------------	-----

O

Oil Level Gauge	18
-----------------------	----

Name	Page
Oil Pan	17
Oil Pump	19

P

Padlock—Fuel & Hydraulic Tank Cap	40
Padlock—Hydraulic Tank Cap	118
Padlock—Vandalism Guard	216
Pedal—Steering Brake	89
Piston Rings	11
Planetary Transmission	62
Power Take-Off Drive	71
Power Train Schematic	2B
Protective Cover—	
Hydraulic Tank Cap	118
Pulley—Crankshaft	15
Pump—Fuel Transfer & Priming	38
Pump—Gear—Winch Drive	191Z-2/73B
Pump—Hydraulic—Gear	125
Pump—Piston	76
Pump and Lines—Piston Pump	74
Pump and Lines—Winch	191Z-1

R

Radiator	21
Recoil Spring — Idler	108
Ripper	190
Ripper Arrangement	189
Rocker Arm — Valve Mechanism	13
Roll-Over Protective Structure Mounting	93

Name	Page
Roll-Over Protective System	193

S

Seal—Crankshaft	9
Seal—Final Drive	79
Seal—Fuel Filter to Fuel	
Injection Pump	37
Seals—Fuel Pump Housing	35
Seals—Track Roller	113
Seat	207
Seat—Reversible—Backhoe	211
Seat Belt	211
Selector & Pressure Control	
Valve—Transmission	69
Shipping Covers—Winch	191C
Sidescutter—Blade	187
Sidescutter—Strike-Off	187
Sound Suppression	213
Specifications	222
Stabilizer	178
Starting Motor—Electric	52
Steering Brake	88
Steering Clutch	83
Steering Clutch Case	82
Steering Clutch Control	84
Street Pad	188
Support—Engine & Transmission	14
Support—Undercarriage	107
Support and Seat	206
Suspension Seat	209
Sweep	192
Swing Actuator	179
Switch—Electric Starting Motor	54
Switch—Horn	58

Name	Page
Switch — Magnetic — Cab Wiring	45
Switch — Magnetic — Electric Starting .	56
Switch — Starting Aid	43

T

Tool — Backhoe	218
Tools — Hand	217
Tooth — Ripper	191
Torque Control	31
Torque Converter	61
Track	114
Track Carrier Roller	112
Track Cleaner Bar	112
Track Roller	113
Track Roller Frame	111
Transfer Case & Gear	64
Transmission	60
Transmission Control	66
Transmission Oil System Control	68
Transmission Pump	70
Trunnion Mounting — Bulldozer	167

U

Universal Joint — Power Take-Off Drive	72
--	----

V

Valve — Bank — Hydraulic Control . . .	127
--	-----

Name	Page
Valve—Breaker Relief—Hydraulic	118
Valve—Boom Control	134
Valve—Bucket & Stabilizer Control	134
Valve—Direct Operated Relief—Bank . . .	131
Valve—Intake and Exhaust	12
Valve—Hydraulic Control	126
Valve—Hydraulic Control Check	130
Valve—Pilot Operated Relief—Bank . . .	130
Valve—Pilot Operated Relief— Piston Pump and Lines	77
Valve—Piston Pump and Lines	75
Valve—Selector & Pressure Control— Winch	191W
Valve—Servo—Piston Pump	77
Valve—Steering Clutch Control	86
Valve—Swing Control	135
Valve—Transmission Selector & Pressure Control	69
Valve Mechanism	13
Valve Mechanism Cover	13
Valve—Winch Control	191V
Vandalism Guard	216
Vandalism Protection— Fuel & Hydraulic Tank Cap	40
Vee Belt—Fan Drive	15

W

Water Lines	23
Water Pump	22
Winch Drive	72
Windshield Washer	212
Windshield Wiper	213
Winch Arrangement	191B
Winch Control	191Q
Winch Conversion	191E
Winch Drive	72 & 191H
Winch Lines	191Z
Winch Mounting	191H
Windshield Washer	212
Windshield Wiper	213

INDEX ALPHABÉTIQUE

Moteur de base (Page 6)

Désignation	Page
Arbre à cames	10
Bielles et pistons	11
Bloc-cylindres et couvercles	6
Brides de levage	14
Carter de volant	16
Carter inférieur	17
Coussinets de rechange de vilebrequin	10
Culasse	12
Entraînement de ventilateur	15
Poulie de vilebrequin	15
Soupapes (couvercle)	13
Soupapes et train de commande	13
Support de moteur et de transmission	14
Vilebrequin	9
Volant	16

Circuit de graissage (Page 18)

Filtre à huile	18
Jauge de niveau d'huile	18
Pompe à huile	19
Reniflard	20
Tuyauterie d'évacuation de vapeurs	20

Circuit de refroidissement (Page 21)

Convertisseur de couple (tuyauterie du refroidisseur)	24
Pompe à eau	22
Radiateur	21
Refroidisseur d'huile moteur	23
Tuyauterie d'eau	23
Ventilateur soufflant	22

Admission et échappement (Page 25)

Désignation	Page
Canalisations d'air	26
Collecteur d'échappement	26
Filtre à air	25
Silencieux d'échappement	27
Tuyau d'échappement (rallonge)	28

Alimentation en carburant et régulateur (Page 29)

Butée élastique de course de crémaillère	31
Canalisations de carburant	38
Commande de régulateur	29
Commande de vitesses et régulateur	30
Dispositif anti-vandalisme	40
Entraînement auxiliaire	36
Filtre à carburant	37
Pompes d'alimentation et d'amorçage de carburant	38
Régulateur et pompes d'injection	31
Remplissage de carburant (rallonge)	40
Réservoir de carburant	39
Tuyauterie d'injection	35

Démarrage et installation électrique (Page 41)

Alternateur	50
Avertisseur de recul	59
Avertisseur sonore électrique	58
Batterie à haute capacité	49
Batterie et câblage	41
Câblage de cabine	44
Démarrateur électrique	52
Éclairage	55
Injection d'éther	57

Train de transmission (Page 60)

Désignation	Page
Bâti (engrenages de transfert) . . .	64
Circuit de graissage de transmission (commande) . .	68
Convertisseur de couple	61
Couple conique	80
Pompe et canalisations	74
Prise de force (entraînement)	71
Réducteurs latéraux	78
Transmission	60
Transmission à trains planétaires	62
Treuil (entraînement)	72
Tubulure de remplissage d'huile	70
Vitesses (commande)	66

Embrayages de direction et freins (Page 82)

Embrayages de direction	83
Embrayages de direction (carter)	82
Embrayages de direction (commande)	84
Freins de direction	88

Bâti et train de roulement (Page 92)

Barre d'attelage	94
Barre décrotteuse des chaînes . . .	112
Bouclier de protection inférieur	106
Cabine (groupe de montage)	94
Capot et protège-radiateur	101
Chaînes de roulement	114
Châssis	92
Châssis porteurs	111
Cloison pare-feu	100
Cloison pare-feu (garniture)	99
Contrepoids	96
Contrepoids (groupe de montage)	98

Désignation	Page
Crochet de halage avant	95
Galets inférieurs	113
Galets supérieurs	112
Grilles pour compartiment moteur	98
Protège-galets	105
Protège-radiateur	103
Protège-radiateur sur charnières	104
Roues AV	108
Roues AV lestées	95
Support (train de roulement) . . .	107
Tendeur hydraulique (capot protecteur)	110
Tôle pare-broussailles	104

Circuit hydraulique (Page 116)

Canalisations hydrauliques	155
Chapeau de sécurité (réservoir hydraulique)	118
Équipement hydraulique	120
Mécanisme d'orientation (canalisations)	164
Réservoir hydraulique et filtre	116
Ripper (canalisations)	154
Stabilisateur (canalisations)	162
Stabilisateur (vérin)	144
Thermomètre d'huile hydraulique	119
Vérin (ripper)	140
Vérin de bras	141
Vérin de bras (canalisations)	156
Vérin de flèche	142
Vérin de flèche (canalisations) . . .	158
Vérin de godet	143
Vérin de godet (canalisations) . . .	160
Vérin de levage	137
Vérin de levage (canalisations)	149
Vérin d'inclinaison	139
Vérin d'inclinaison (canalisations)	152
Vérin d'orientation	138
Vérin d'orientation (canalisations)	150
Verrou de levier de commande hydraulique	124

Équipement de travail (Page 166)

Désignation	Page
Bord tranchant	167
Bulldozer	166
Canalisations de treuil	191Z
Command de treuil	191Q
Couteaux latéraux	187
Dents	190
Entraînement de treuil	191H
Godet éjecteur	184
Godet rétro	185
Pelle rétro (axiale)	170
Pelle rétro (déportable)	171
Pelle rétro (groupe de montage)	182
Ripper	189
Semelles de stabilisateurs	188
Treuil complet	191B
Treuil (montage)	191H
Treuil (transformation)	191E
Tuberias del malacate	191Z

Cabine, instruments de contrôle et accessoires (Page 192)

Barre pare-branches	192
-------------------------------	-----

Désignation	Page
Bâti de protection	193
Cabine	194
Groupe d'insonorisation	213
Horomètre électrique	214
Instruments	215
Lave-glace	192
Protection contre le vandalisme	216
Siège à suspension	209
Siège et support	206
Tableau d'instruments	214

Divers (Page 217)

Caractéristiques	223
Jeux de joints	219
Outils à main	217
Plaques signalétiques et instructions sur film	220

INDICE

Motor Básico (Página 6)

Nombre	Página
Arbol de levas	10
Bielas y pistones	11
Bloque de motor y tapas	6
Caja del volante	16
Cáncamo	14
Cárter	17
Cigüeñal	9
Cojinetes de bancada de repuesto	10
Culata	12
Mando del ventilador	15
Mecanismo de las válvulas	13
Motor y soporte de la transmisión	14
Polea del cigüeñal	15
Tapa del mecanismo de las válvulas	13
Volante	16

Sistema de Lubricación (Página 18)

Bomba del aceite	19
Filtro del aceite	18
Respiradero	20
Varilla indicadora de nivel del aceite	18

Sistema de Enfriamiento (Página 21)

Bomba de agua	22
Enfriador del aceite	23
Radiador	21
Tuberías del agua	23
Tuberías del enfriador del convertidor de par	24
Ventilador insuflador	22

Sistema de Admisión y Escape (Página 25)

Nombre	Página
Extensión del escape	28
Filtro de aire	25
Múltiple de escape	26
Silenciador	27
Tuberías de aire	26

Sistema del Combustible y Regulador (Página 29)

Bomba de cebado y transferencia del combustible	38
Control de par	31
Control del regulador	29
Extensión del tubo de llenado	40
Filtro del combustible	37
Mando de accesorios	36
Protección contra vandalismo	40
Regulador y bombas de inyección del combustible	31
Regulador y control de la transmisión	30
Tanque del combustible	39
Tuberías de inyección del combustible	35
Tuberías del combustible	38

Sistema de Arranque Eléctrico (Página 41)

Alambrado de la cabina	44
Alarma de retroceso	59
Alternador	50
Batería para trabajo pesado	49
Batería y alambrado	41

Nombre	Página
Bocina eléctrica.	58
Inyectores de éter	57
Luces	55
Motor de arranque eléctrico.	52

Tren de Potencia – Unidad de Transmisión de Fuerza (Página 60)

Control de la transmisión	66
Control del aceite de la transmisión	68
Convertidor de par.	61
Corona	80
Engranajes de transferencia y caja	64
Mando de toma de fuerza	71
Mando del huinche	72
Mando final	78
Transmisión	60
Transmisión planetaria	62
Tuberías de aceite del tren de potencia	70
Tuberías y bombas	74

Embrague de Dirección y Frenos (Página 82)

Caja de los mebragues de dirección	82
Control de los embragues de dirección.	84
Embragues de dirección	83
Frenos de la dirección	88

Chasis y Tren de Rodaje (Página 92)

Barra de limpieza de carril.	118
Barra de tiro.	94
Bastidor.	92
Bastidor de rodillos inferiores	111
Capota y protección.	101
Carril	114
Contrapeso.	96
Cubierta del motor	98
Gancho delantero	95

Nombre	Página
Montaje de la cabina	94
Montaje del contrapeso.	98
Plancha separadora del motor	100
Polea loca del contrapeso	95
Protección contra la maleza.	104
Protección del radiador.	103
Protección del mecanismo tensor	110
Protección de los rodillos inferiores	105
Protección engoznada del radiador	104
Protección inferior.	106
Recubrimiento de la plancha separadora del motor	99
Rodillos inferiores	113
Rodillos superiores	112
Rueda guía.	108
Soporte del tren de rodaje.	107

Sistema Hidráulico (Página 116)

Cilindro angular	138
Cilindro de iclinación	139
Cilindro de la pluma.	142
Cilindro de levantamiento.	137
Cilindro del brazo	141
Cilindro del desgarrador	140
Cilindro estabilizador.	144
Conjuntos hidráulicos	120
Cucharón del cilindro.	143
Indicador de temperatura del aceite hidráulico.	119
Tanque hidráulico y filtros	116
Tapa protectora del tanque hidráulico	118
Traba manual del control hidráulico	124
Tuberías del accionador de giro.	164
Tuberías del brazo de cilindro	156
Tuberías del cilindro de inclinación	152
Tuberías del cilindro de la pluma	158
Tuberías del cilindro de levantamiento.	149
Tuberías del cilindro angular	150
Tuberías del cilindro del cucharón.	160

Nombre	Página
Tuberías del desgarrador	154
Tuberías del estabilizador	162
Tuberías hidráulicas	155

Implementos (Página 166)

Conjunto de la retroexcavadora de pivote	170
Conjunto de la retroexcavadora de pivote móvil	171
Conjunto del desgarrador	189
Conjunto de la hoja empujadora	166
Control del malacate	191Q
Conversion del malacate	191E
Cucharón de la excavadora	185
Cuchillas	167
Cuchillas laterales	187
Dientes	190
Eyector del cucharón	184
Malacate	191B
Mando del malacate	191H
Montaje de la retroexcavadora	172
Montaje del malacate	191H
Zapata plana de estabilizador	188

Cabina, Instrumentos y Accesorios (Página 192)

Cabina	194
Estructura protectora contra vuelcos	193
Instrumentos del motor	215
Lavador de parabrisas	192
Medidor de servicio eléctrico	214
Protección contra vandalismo	216
Protección sobre el motor	192
Soporte y asiento	209
Supresión de ruidos	213
Tablero	214

Materiales Diversos (Página 217)

Especificaciones	224
Herramientas	217
Juego de empaquetaduras	219
Placas de identificación y calcomanías	220

ÍNDICE

Partes da máquina relativas ao motor (Página 4)

Designação	Página
Árvore de comando das válvulas	9
Árvore de manivelas	10
Biela e pistão	11
Bloco do motor e tampas	6
Cabeçote	12
Caixa do volante	16
Cárter do óleo.	17
Comando do ventilador	15
Mancais principais do motor	10
Mecanismo das válvulas.	13
Olhal de levantamento	14
Polia do comando de acessórios	15
Suporte do motor e da caixa de mudanças	14
Tampa superior do motor	13
Volante do motor	16

Sistema de lubrificação (Página 18)

Bomba de óleo do motor	19
Filtro de óleo do motor	18
Respiro	20
Vareta de nível do óleo.	18
Ventilação do cárter.	20

Sistema de arrefecimento (Página 21)

Arrefecedor de óleo do motor	23
Bomba d'água.	22
Radiador	21
Tubos d'água	23
Tubulações do arrefecedor do conversor de torque.	24
Ventilador insuflador	22

Sistema de admissão e escape (Página 25)

Designação	Página
Coletor de escape	26
Extensão do tubo de escape.	28
Purificador de ar	25
Silenciador.	27
Tubos de ar	26

Sistema de combustível e regulador de velocidade (Página 29)

Batente da cremalheira	31
Bomba de purgação e transferência do combustível.	38
Comando de acessórios.	36
Controle de aceleração	29
Extensão do bocal de enchimento de combustível.	40
Filtro de combustível.	37
Regulador de velocidade e bomba injetora do combustível	31
Regulador de velocidade e controle das marchas	30
Tanque de combustível.	39
Tampa do tanque de combustível com cadeado	40
Tubos injetores de combustível	35
Tubulações de combustível	38

Sistema elétrico e de partida (Página 41)

Alarme da marcha à ré	59
Alternador	50
Bateria para serviço pesado	49
Bateria e instalação elétrica	41
Buzina elétrica	58
Injetor de éter.	57
Instalação elétrica da cabine	44
Motor de arranque elétrico	52
Sistema de iluminação	55

Sistema de transmissão (Página 60)

Designação	Página
Bocal de enchimento de óleo	70
Caixa da coroa	80
Caixa de mudanças	60
Comando da tomada de força	71
Comando do guincho	72
Comando final	78
Controle das marchas	66
Conversor de torque	61
Engrenagens da caixa de mudanças	62
Engrenagens de transferência	64
Tubulações de óleo do sistema de transmissão	68
Tubulações e bomba	74

Embreagens de direção e freios (Página 88)

Caixa das embreagens de direção	82
Controle das embreagens de direção	84
Embreagem de direção	83
Freios	88

Chassi e material rodante (Página 98)

Armação dos roletes de esteira	111
Barra de tração	94
Barra limpadora dos roletes de esteira	112
Capô e protetor	101
Chassi	92
Cobertura do motor	98
Contrapeso	96
Esteiras	114
Gancho dianteiro	95
Grade do radiador com dobradiças	104
Guarda-mato	104
Moldura do radiador	103

Designação Página

Painel traseiro do motor — forro	99
Protetor dos roletes de esteira	105
Protetor inferior	106
Roda-guia das esteiras	108
Roda-guia pesada	95
Rolete inferior de esteiras	113
Rolete superior de esteira	112
Suporte da cabine	94
Suporte da estrutura inferior	107
Suporte do contrapeso	98
Tampa da mola tensora	110

Sistema hidráulico (Página 122)

Alavanca hidráulica	124
Arranjos hidráulicos	120
Cilindro da caçamba	143
Cilindro da lança	142
Cilindro de angulação	138
Cilindro de inclinação	139
Cilindro do braço	141
Cilindro do escarificador traseiro	140
Cilindro do estabilizador	144
Cilindro elevador	137
Filtro hidráulico e reservatório	122
Indicador de temperatura do óleo hidráulico	119
Tampa do reservatório hidráulico com cadeado	118
Tubos hidráulicos	155
Tubulações da oscilação horizontal	164
Tubulações do cilindro da caçamba	160
Tubulações do cilindro da lança	158
Tubulações do cilindro de angulação	150
Tubulações do cilindro de inclinação	152
Tubulações do cilindro do braço	156
Tubulações do cilindro elevador	149
Tubulações do escarificador traseiro	154
Tubulações do estabilizador	162

Implementos (Página 166)

Designação	Página
Aparador lateral	187
Borda cortante	167
Caçamba de retroescavação	185
Caçamba ejetora	184
Calços para as sapatas	188
Comando do guincho	191H
Controle do guincho	191Q
Conversão do guincho	191E
Dentes	190
Escarificador	189
Guincho	191B
Lâmina	166
Montagem do guincho	191H
Retroescavadeira — suporte fixo	170
Retroescavadeira — deslocamento lateral	171
Suporte da retroescavadeira	172
Tubulações do guincho	191Z

Cabine, indicadores e acessórios (Página 192)

Arranjo para redução de barulho	213
---	-----

Designação	Página
Assento e suporte	206
Assento — suspensão	209
Barras de proteção do capô	192
Cabine	194
Estrutura de segurança — ROPS	193
Horômetro elétrico	214
Indicadores	215
Lavador do pára-brisa	192
Painel de instrumentos	214
Tampas com cadeado	216
Ventilador da cabine	208

Equipamento para manutenção e diversos (Página 217)

Decalcomanias e placas	220
Especificações	225
Ferramentas	217
Jogo de juntas	219

INHALTSVERZEICHNIS

Motor (Seite 6)	Seite
Huböse	14
Kurbelwelle	9
Kurbelwellen-Ersatzlager.	10
Lüfterantrieb	15
Motor- und Getriebeaufhängung.	14
Motorblock und Deckel.	6
Nockenwelle.	10
Ölwanne	17
Pleuelstange und Kolben	11
Riemenscheibe der Kurbelwelle.	15
Schwungscheibe	16
Schwungscheibengehäuse	16
Ventildeckel.	13
Ventilsteuerung.	13
Zylinderkopf	12

Schmiersystem (Seite 18)

Entdünster.	20
Entlüfter	20
Ölmeßstab	18
Schmierfilter	18
Schmierpumpe	19

Kühlsystem (Seite 21)

Drucklüfter	22
Kühlernetz	21
Motorölkühler.	23
Wandlerkühlleitungen.	24
Wasserleitungen.	23
Wasserpumpe	22

Ansaug- und Abgasanlage (Seite 25)

Bezeichnung	Seite
Auspuffkrümmer.	26
Auspuffverlängerung	28
Druckluftleitungen	26
Luftreiniger	25
Schalldämpfer.	27

Kraftstoffanlage und Regler (Seite 29)

Füllstutzenverlängerung	40
Kraftstoffeinspritzleitungen.	35
Kraftstoffeinspritzpumpe	34
Kraftstofffilter.	37
Kraftstoffförder- und -entlüftungspumpe.	38
Kraftstoffleitungen	38
Kraftstofftank	39
Regler und Kraftstoffeinspritzpumpe	31
Reglersteuerung	29
Schalt- und Gashebelgestänge.	30
Steuerantrieb	36
Tankkappe.	40
Zahnstangenanschlag	31

Anlasser und elektr. Anlage (Seite 41)

Anlasser, elektr.	52
Ätherstarthilfe	57
Batterie und Verdrahtung	41
Beleuchtungsanlage	55
Drehstromlichtmaschine.	50
Fahrerhausverdrahtung.	44
Hochleistungsbatterie.	49
Hupe, elektr.	58
Rückfahrwarnhorn.	59

Kraftübertragung – Getriebe (Seite 60)

Bezeichnung	Seite
Drehmomentwandler	61
Füllstutzen der Kraftübertragung.	70
Getriebe	60
Getriebschmiersystem.	68
Planetengetriebe	62
Pumpe und Leitungen	74
Schaltgestänge	66
Seilwindenantrieb	72
Seitenantrieb	78
Tellerrad	80
Vorgelege und -gehäuse.	64
Zapfwellenantrieb	71

Lenkkupplungen und Bremsen (Seite 82)

Lenkbremse	88
Lenkkupplung	83
Lenkkupplungsgehäuse.	82
Lenkkupplungsgestänge	84

Fahr- und Laufwerk (Seite 92)

Abstreifer	112
Fahrerhaus-Anbausatz	94
Feuerschutzwand	100
Feuerschutzwandverkleidung.	99
Frontzughaken	95
Gegengewicht.	96
Gegengewichts-Anbausatz	98
Gegengewichts-Leitrad	95
Kühlerschutz (mit Scharnieren)	104
Kühlerverkleidung	103
Laufkette.	114
Laufrollen	113
Laufrollenführung	105
Laufwerks-Querträger.	107

Bezeichnung	Seite
Laufwerksrahmen	111
Leitrad	108
Motorhaube und Verkleidung.	101
Motorseitenverkleidung	104
Motorverkleidung	98
Panzerwanne	106
Rahmen.	92
Stützrollen.	112
Verkleidung des Kettenspanners.	110
Zughaken.	94

Hydraulikanlage (Seite 116)

Aufreißerleitungen.	154
Aufreißerzylinder	140
Auslegerzylinder	142
Auslegerzylinderleitungen.	158
Hubzylinder.	137
Hubzylinderleitungen.	149
Hydraulikanordnungen.	120
Hydraulikbedienungssperre.	124
Hydraulikfilter und -tank.	116
Hydraulikleitungen	155
Hydrauliköl-Temperaturanzeige	119
Hydrauliktankkappe	118
Löffelzylinder.	143
Löffelzylinderleitungen	160
Neigezylinder	139
Neigezylinderleitungen.	152
Schwenkauslöserleitungen.	164
Schwenkzylinder.	138
Schwenkzylinderleitungen.	150
Stielzylinder.	141
Stielzylinderleitungen.	156
Stützenleitungen.	162
Stützenzylinder.	144

Anbaugeräte (Seite 166)

Aufreißer – Teilliste	189
Ausstosserlöffel.	184
Löffelzähne	190
Planiereinrichtungen	166
Schneidmesser	167

Bezeichnung	Seite
Seilwinde—Teilliste	191B
Seilwindenantrieb	191H
Seilwindenau thängung.....	191H
Seitenmesser	187
Straßenplatten.....	188
Tieflöffel	185
Tieflöffel-Anbausatz	172
Tieflöffelausrüstung— starrer Anbau	170
Tieflöffelausrüstung— verstellbarer Anbau.....	171
Windenleitungen.....	191Z
Windensteuerung.....	191Q
Winden—Umbau Satz	191E

**Fahrerhaus, Anzeigen
und Zubehör
(Seite 192)**

Anzeigen	215
----------------	-----

Bezeichnung	Seite
Armaturenbrett.....	214
Fahrerhaus.....	194
Fahrersitz und Unterbau.....	206
Fahrersitzfederung.....	209
Schalldämpfung	213
Scheibenwaschanlage	192
Schutzabdecke	216
Schutzbügel	192
Überrollschutz	193
Wartungsmesser, elektr.	214

**Wartungsgerät
und Zubehör
(Seite 217)**

Abziehbilder und Aufkleber	220
Dichtungssätze	219
Handwerkzeuge.....	217
Technische Daten	226

CATERPILLAR D3B TRACTOR

CONSISTS OF:

PAGE

CENTRAL STRUCTURE

1	4N172	CYLINDER BLOCK GROUP	6
1	7N3988	CRANKSHAFT GROUP	9
1	6N2393	CAMSHAFT GROUP	10
4	6N6592	CONNECTING ROD AND PISTON GROUP	11
	- OR -		
4	8N4079	CONNECTING ROD AND PISTON GROUP	11

UPPER STRUCTURE

1	6N2467	CYLINDER HEAD GROUP	12
1	4N180	LIFTING GROUP	14
1	6N2398	VALVE MECHANISM GROUP	13
1	6N7418	VALVE MECHANISM COVER GROUP	13

FRONT STRUCTURE

1	7N5138	CRANKSHAFT PULLEY GROUP	15
1	7N5141	FAN DRIVE GROUP	15

REAR STRUCTURE

1	4N183	FLYWHEEL HOUSING GROUP	16
1	4N184	FLYWHEEL GROUP	16

LOWER STRUCTURE

1	6N8370	OIL PAN GROUP	17
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7N5139 ENGINE ARRANGEMENT—Part 1

3204 Engine Serial No. 45V21898 to 45V32893 inclusive. NOTE: WHEN ORDERING PARTS GIVE ENGINE ARRANGEMENT NUMBER AND SERIAL NUMBER

CONSISTS OF:		PAGE
<u>LUBRICATION SYSTEM</u>		
1	4N193 OIL PUMP GROUP--WITHOUT HOUSING	19
1	9L9200 OIL FILTER ASSEMBLY	18
1	8N3198 FUMES DISPOSAL GROUP	20
1	6N3382 BREATHER GROUP	20
1	4N185 OIL LEVEL GAUGE GROUP	18
<u>COOLING SYSTEM</u>		
1	4N660 WATER PUMP GROUP	22
1	4N188 WATER LINES GROUP	23
1	4N175 OIL COOLER GROUP	23
<u>INTAKE AND EXHAUST SYSTEM</u>		
1	7N4971 EXHAUST MANIFOLD GROUP	26
1	7N6002 AIR LINES GROUP	26
<u>FUEL SYSTEM AND GOVERNOR</u>		
1	7N4675 GOVERNOR AND PUMP GROUP	31
1	8N3447 FUEL FILTER GROUP	37
1	4N242 FUEL TRANSFER AND PRIMING PUMP GROUP ...	38
1	7N5146 FUEL INJECTION LINES GROUP	34D
1	7N5636 GOVERNOR DRIVE GROUP	36
1	7N5716 TORQUE CONTROL GROUP	31
	- OR -	
1	9L4598 TORQUE CONTROL GROUP	31A
<u>ELECTRICAL SYSTEM</u>		
1	7N5140 ALTERNATOR GROUP	50
1	4N190 ELECTRIC STARTING MOTOR GROUP	52
NOTE: REFER TO INDEX FOR PAGE LOCATION OF GASKET KITS		

7N5139 ENGINE ARRANGEMENT—Part 2
3204 Engine Serial No. 45V21898 to 45V32893 inclusive. NOTE: WHEN ORDERING PARTS GIVE ENGINE ARRANGEMENT NUMBER AND SERIAL NUMBER

CONSISTS OF:

PAGE

CENTRAL STRUCTURE

1	1W4326	CYLINDER BLOCK GROUP	7A
1	1W4832	CRANKSHAFT GROUP	9A
1	6N2393	CAMSHAFT GROUP	10
4	8N4079	ROD AND PISTON GROUP	11

UPPER STRUCTURE

1	6N2467	CYLINDER HEAD GROUP	12
1	1W5554	LIFTING GROUP	14A
1	6N2398	VALVE MECHANISM GROUP	13
1	6N7418	VALVE MECHANISM COVER GROUP	13

FRONT STRUCTURE

1	7N5138	CRANKSHAFT PULLEY GROUP	15
1	7N5141	FAN DRIVE GROUP	15
1	1W1306	FRONT HOUSING GROUP	14B

REAR STRUCTURE

1	7N6344	FLYWHEEL HOUSING GROUP	17
1	4N184	FLYWHEEL GROUP	16

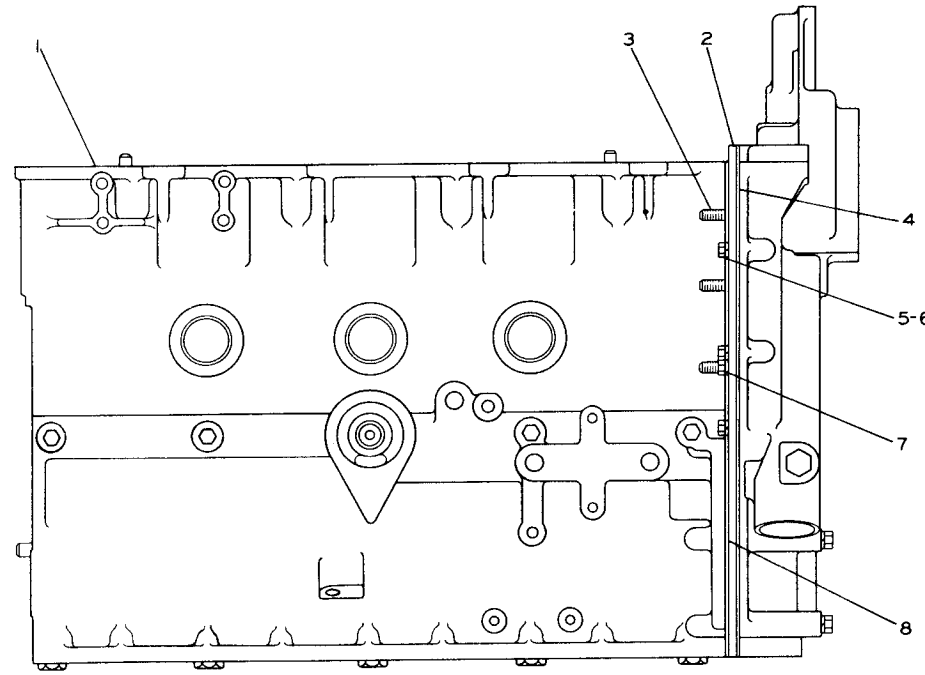
LOWER STRUCTURE

1	6N8370	OIL PAN GROUP	17
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1W162 ENGINE ARRANGEMENT—Part 1
 3204 Engine Serial No. 45V32894—Up. NOTE: WHEN ORDERING PARTS GIVE
 ENGINE ARRANGEMENT AND SERIAL NUMBER

CONSISTS OF:		PAGE
<u>LUBRICATION SYSTEM</u>		
1	4N193 OIL PUMP GROUP	19
1	1N3224 OIL FILTER GROUP	18A
1	8N3198 FUMES DISPOSAL GROUP	20
1	6N3382 BREATHER GROUP	20
1	1W367 OIL LEVEL GAUGE GROUP	18A
<u>COOLING SYSTEM</u>		
1	4N660 WATER PUMP GROUP	22
1	4N188 WATER LINES GROUP	23
1	1N4903 ENGINE OIL COOLER GROUP	23
<u>INTAKE AND EXHAUST SYSTEM</u>		
1	7N4971 EXHAUST MANIFOLD GROUP	26
1	7N6002 AIR LINES GROUP	26
<u>FUEL SYSTEM AND GOVERNOR</u>		
1	8N4751 GOVERNOR & FUEL INJECTION PUMP GROUP ...	31B
1	8N3447 FUEL FILTER GROUP	37
1	4N242 FUEL TRANSFER & PRIMING PUMP GROUP	38
1	1W172 FUEL INJECTION LINES GROUP	35
1	2W2030 ACCESSORY DRIVE GROUP	36A
<u>ELECTRICAL SYSTEM</u>		
1	7N5140 ALTERNATOR GROUP	50
1	4N190 ELECTRIC STARTING MOTOR GROUP	52

NOTE: REFER TO INDEX FOR PAGE LOCATION OF GASKET KITS



REF NO.	PART NUMBER	DESCRIPTION	QTY
1	4N101	BLOCK ASSEM. ----- (Separate Illustration)	1
C 2	4N103	PLATE-----	1
C 3	L659	STUD-----	3
4	4N217	GASKET-----	1
5	2B2695	BOLT-----	3
C 6	9M1974	WASHER-----	3
7	4F4879	BOLT-----	1
	4B5167	WASHER-----	1
8	4N216	GASKET-----	1
▲	9N6275	CYLINDER-SLEEVE----- (Includes)	1
	SMHS7638	FORM----- (Not for use with oversize pistons and rings)	1

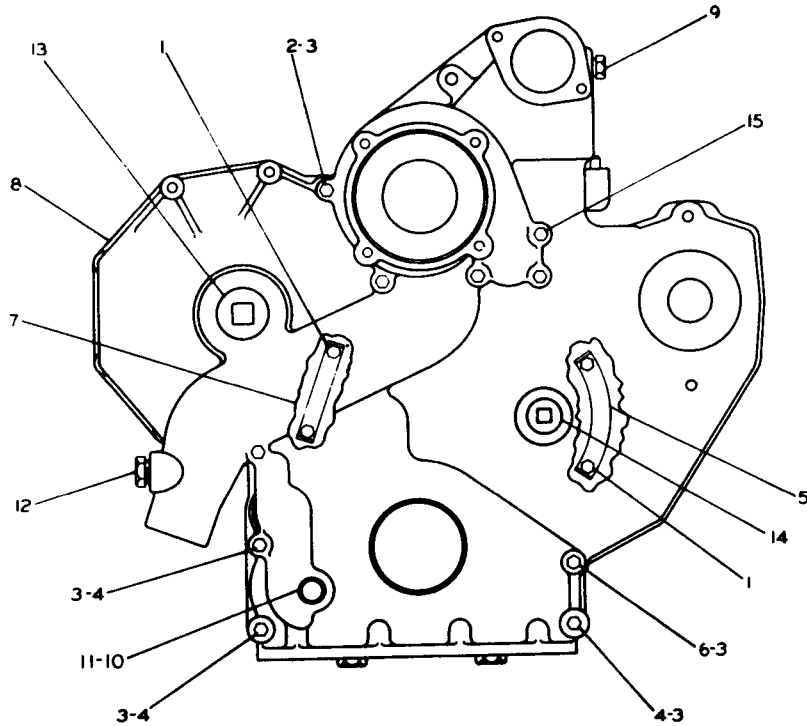
▲ NOT SHOWN-NOT PART OF 4N172 CYLINDER BLOCK GROUP

C INDICATES CHANGE

230042

4N172 CYLINDER BLOCK AND COVERS GROUP—Side View
 Engine Serial No. 45V21898 to 45V32893 inclusive
 4N101 Block parts are shown on Page 8

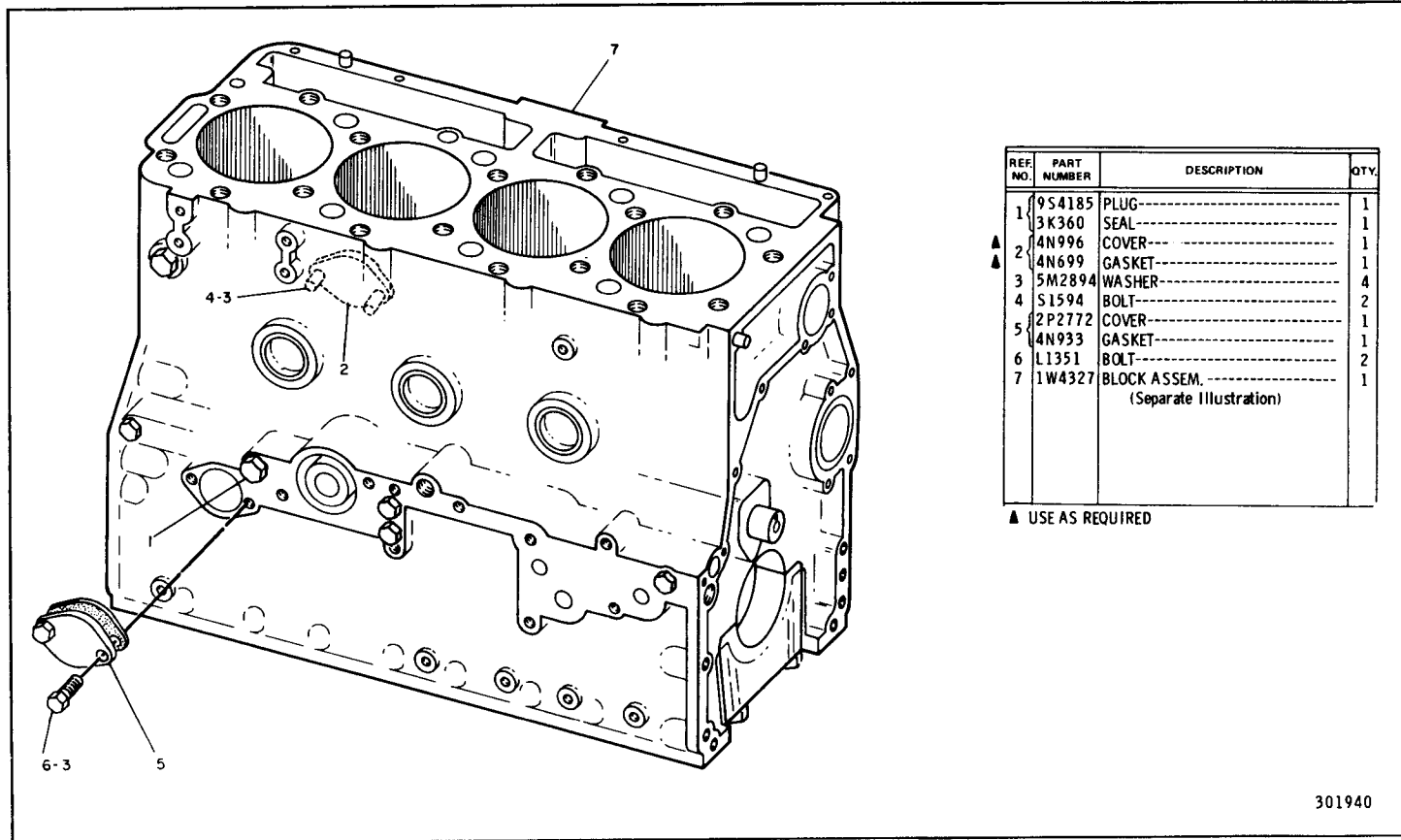
4N172 CYLINDER BLOCK AND COVERS GROUP—End View
 Engine Serial No. 45V21898 to 45V32893 inclusive



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2B 2695	BOLT.....	9
2	3H 5932	BOLT.....	1
C 3	9M 1974	WASHER.....	5
C 4	4B 831	BOLT.....	4
5	1S 4239	LOCK.....	1
6	8H 8769	BOLT.....	1
7	5M 1775	LOCK.....	1
8	4N 669	HOUSING ASSEM.....	1
9	3J 5390	PLUG.....	1
10	9L 8636	BEARING.....	1
C 11	9N 243	SHAFT.....	1
12	3J 5389	PLUG.....	1
13	1B 5170	PLUG.....	1
14	1B 5174	PLUG.....	1
C 15	1F 4111	BOLT.....	4

C INDICATES CHANGE

223334



301940

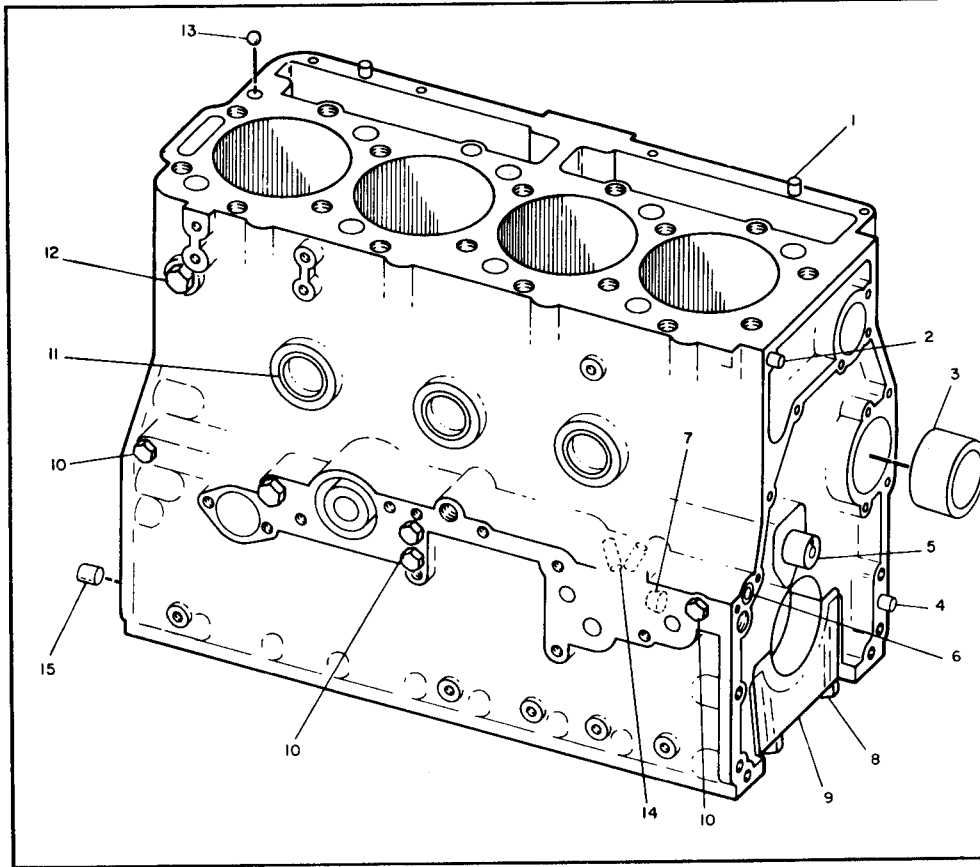
1W4326 CYLINDER BLOCK GROUP

Engine Serial No. 45V32894—Up

Also part of 2W4227 Short Block Group shown on Page 8B

1W4327 Block parts are shown on Page 7B

1W4327 CYLINDER BLOCK ASSEMBLY
 Engine Serial No. 45V32894—Up
 For Field Replacement order 2W7902 Block Assembly & 2W7901 Block Kit
 Part of 1W4326 Cylinder Block Group shown on Page 7A



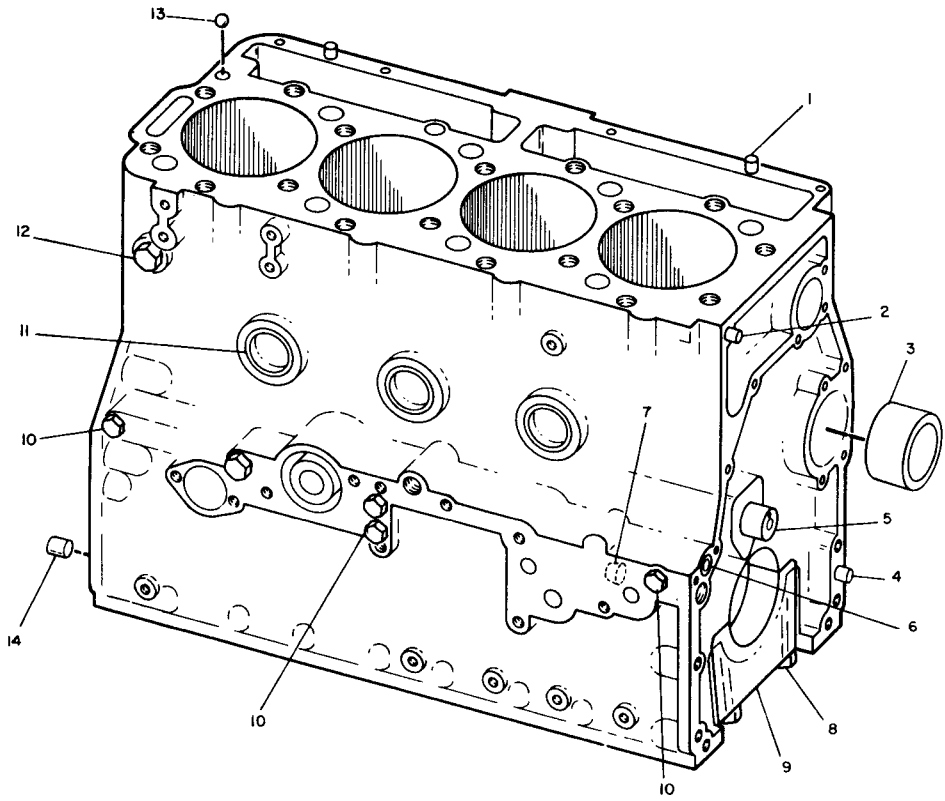
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9L8002	DOWEL-----	2
2	2M3735	DOWEL-----	1
3	9L8072	BEARING-----	4
4	1A2223	DOWEL-----	1
5	4N98	SHAFT-----	1
6	4N952	PLUG-----	2
7	4B4845	PLUG-----	1
8	8S4740	BOLT-----	10
9	6N8146	CAP-----	5
10	5M6214	PLUG-----	6
11	3H5552	PLUG-----	3
12	3J5390	PLUG-----	1
13	4B9782	BALL-----	1
14	7M4593	PLUG-----	4
15	3F957	DOWEL-----	2

302186

2W7902 CYLINDER BLOCK ASSEMBLY—Field Installation

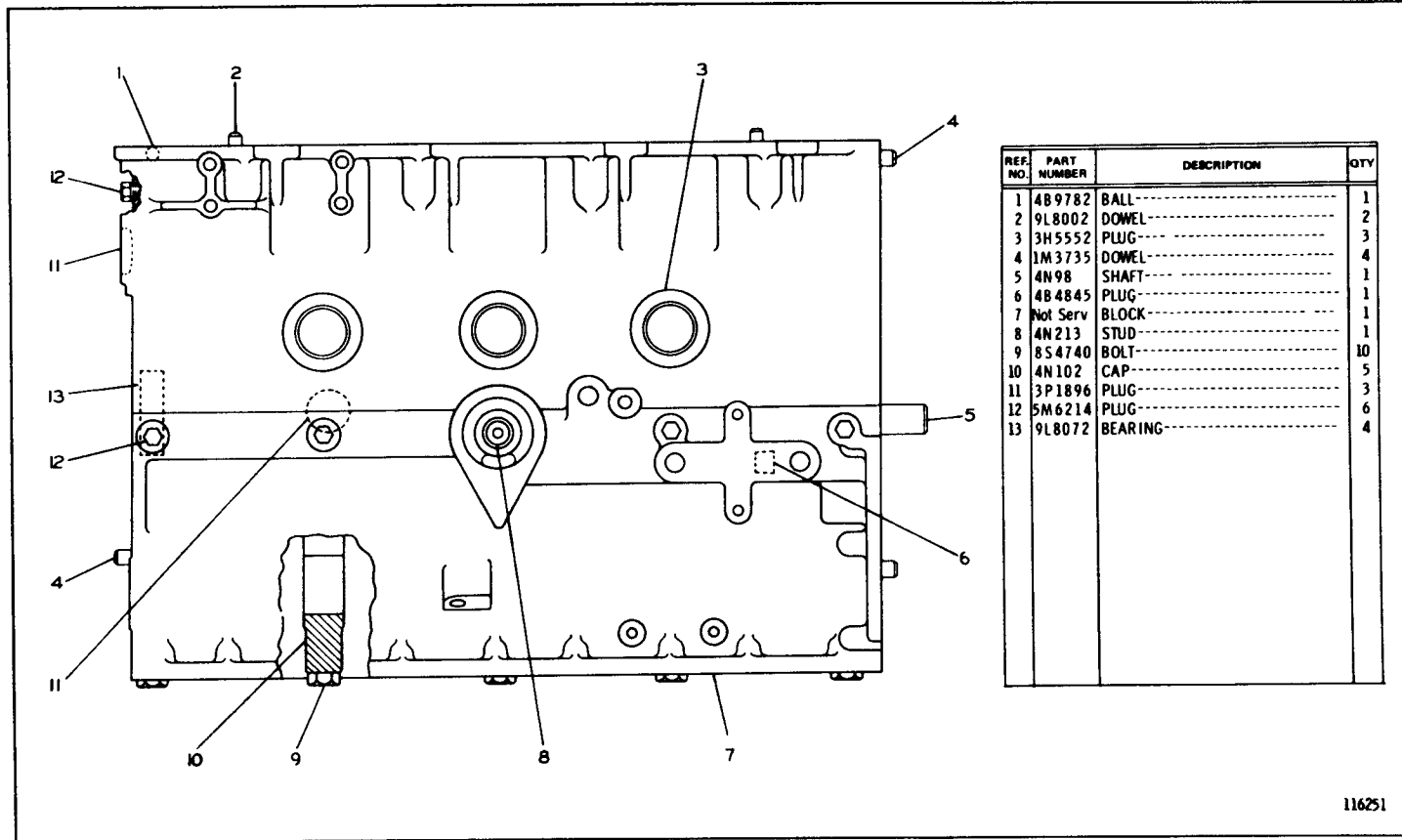
Serial No. 45V32894—Up

Provides Field Replacement for 1W4327 Cylinder Block Assembly when used with 2W7901 Block Kit



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9L8002	DOWEL-----	2
2	1M3735	DOWEL-----	1
3	9L8072	BEARING-----	2
4	1A2223	DOWEL-----	1
5	4N98	SHAFT-----	1
6	4N952	PLUG-----	2
7	4B4845	PLUG-----	1
8	8S4740	BOLT-----	10
9	6N8146	CAP-----	5
10	5M6214	PLUG-----	6
11	3H5552	PLUG-----	3
12	3J5390	PLUG-----	1
13	4B9782	BALL-----	1
14	3F957	DOWEL-----	2

307034



4N101 CYLINDER BLOCK ASSEMBLY

Engine Serial No. 45V21898 to 45V32893 inclusive

Part of 4N172 Cylinder Block and Covers & 8N9189 and 1W549 Short Cylinder Block Groups shown on Pages 6 & 8A

CONSISTS OF:			PAGE
1	4N101	CYLINDER BLOCK ASSEMBLY	8
1	7N3988	CRANKSHAFT GROUP	9
4	6N6562	CONNECTING ROD AND PISTON GROUP	11

8N9189 SHORT CYLINDER BLOCK GROUP—Field Installation
Engine Serial No. 45V21898 to 45V32893 inclusive
Replaced by 1W549

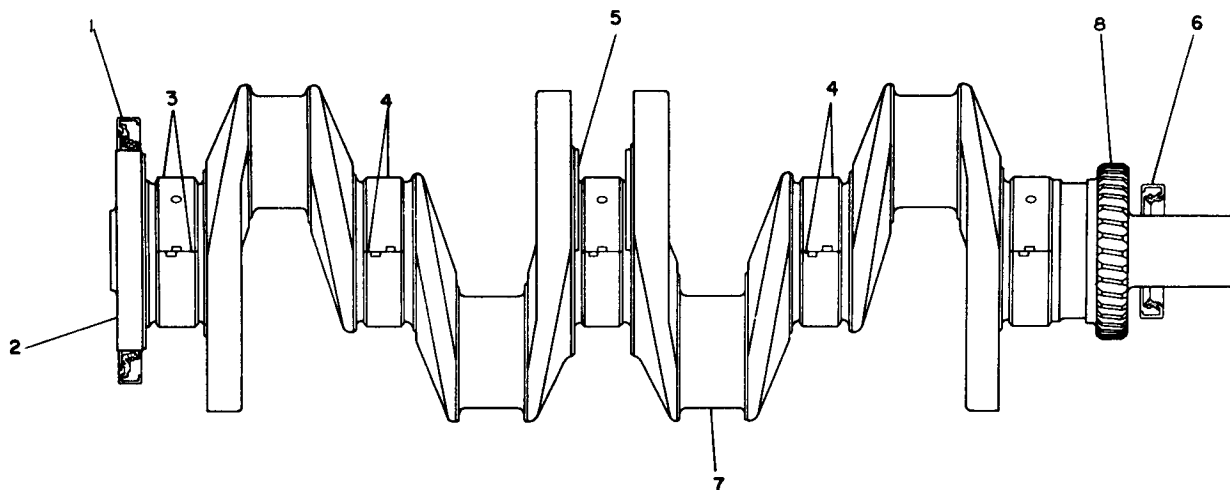
CONSISTS OF:			PAGE
1	4N101	CYLINDER BLOCK ASSEMBLY	8
1	7N3988	CRANKSHAFT GROUP	9
4	8N4079	CONNECTING ROD AND PISTON GROUP	11
1	.....	FORM SMHS7701	

1W549 SHORT CYLINDER BLOCK GROUP—Field Installation
Engine Serial No. 45V21898 to 45V32893 inclusive

CONSISTS OF:			PAGE
1	1W4326	CYLINDER BLOCK GROUP	7A
1	1W9768	CRANKSHAFT GROUP	9B
4	8N4079	CONNECTING ROD AND PISTON GROUP	11
1	.....	FORM SMHS7701	

**2W4227 SHORT CYLINDER BLOCK GROUP—Field Installation
Engine Serial No. 45V32894—Up**

7N3988 CRANKSHAFT GROUP
 Engine Serial No. 45V21898 to 45V32893 inclusive
 Also part of 8N9189 and 1W549 Short Cylinder Block Groups listed on Page 8A

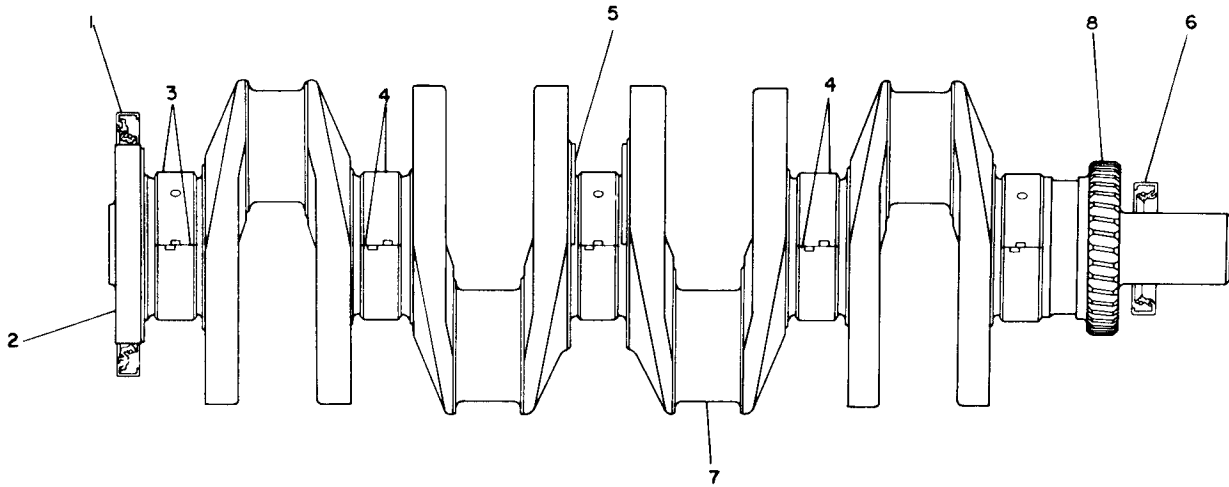


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
C 1	1W36	SEAL GROUP-----	1
		(Includes)	
	9L7736	SEAL-----	1
2	9L8336	SLEEVE-----	1
C 3	9N5793	BEARING---(Main Front)-----	3
C 4	9N5792	BEARING---(Main)-----	2
5	6N8940	PLATE-----	2

6	9L7735	SEAL-----	1
7	4N112	CRANKSHAFT ASSEM.-----	1
		(Includes)	
8	4M9933	GEAR---(40 teeth)-----	1
	5H2671	KEY-----	1

C INDICATES CHANGE

235349



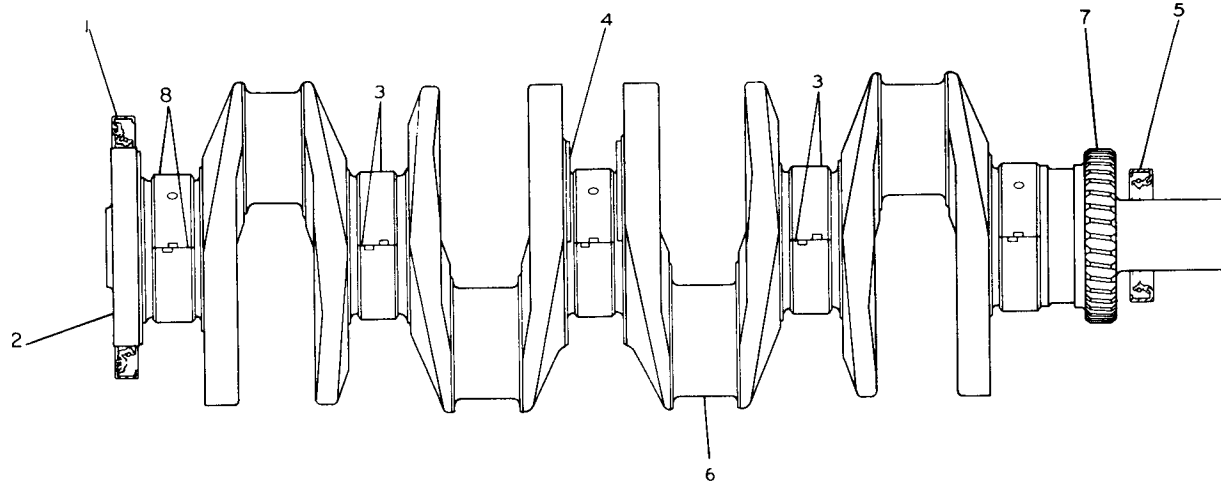
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	1W36	SEAL GROUP----- (Includes)	1
	9L7736	SEAL-----	1
2	9L8336	SLEEVE-----	1
3	9N5793	BEARING----(Main Front)-----	3
4	9N5792	BEARING----(Main)-----	2
5	7N9342	PLATE-----	2

6	9L7735	SEAL-----	1
7	4N112	CRANKSHAFT ASSEM. ----- (Includes)	1
8	4M9933	GEAR----(40 teeth)-----	1
	5H2671	KEY-----	1

301937

1W4832 CRANKSHAFT GROUP
Engine Serial No. 45V32894—Up

1W9768 CRANKSHAFT GROUP
Engine Serial No. 45V32894—Up
Part of 2W4227 Short Cylinder Block Group listed on Page 8B



NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	1W36	1	SEAL GROUP
		9L7736	1	SEAL
	2	9L8336	1	SLEEVE
	3	1W311	2	BEARING (INTERMEDIATE)
	4	7N9342	2	PLATE
	5	9L7735	1	SEAL

6	1W9771	1	CRANKSHAFT ASSEM.
7	1W9812	1	GEAR (40 TEETH)
	5H2671	1	KEY
8	1W312	3	BEARING (MAIN)

306614

CATERPILLAR D3B TRACTOR

CYLINDER BLOCK NOT REBORED				
CRANKSHAFT GROUND FOR UNDERSIZE BEARING I.D. OF				
		.25 MM	.51 MM	
MAIN	<u>QTY.</u> 3	8N8976	8N8972	
MAIN	2	8N9022	8N9023	
CYLINDER BLOCK REBORED (.25 MM) (BEARING OVERSIZE O.D.)				
CRANKSHAFT GROUND FOR UNDERSIZE BEARING I.D. OF				
		0 (STANDARD)	.51 MM	
MAIN	<u>QTY.</u> 3	8N8973	8N8971	
MAIN	2	8N9021	8N9019	
O.D.--OUTSIDE DIAMETER I.D.--INSIDE DIAMETER				

CRANKSHAFT BEARING REPLACEMENTS

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8S1491	LOCK-----	1
2	S509	BOLT-----	2
3	7S2204	WASHER-----	1

4	6N2394	CAMSHAFT ASSEM.-----	1
		(Includes)	
	1B8712	KEY-----	1
	4N5201	STUD-----	1

216651

6N2393 CAMSHAFT GROUP

REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	8N5537	PISTON GROUP----- (std.)-----	1
2	9L9316	RING ASSEM----- (oil)-----	1
3	9L6233	RING----- (compression)-----	1
▲ 4	6N9087	PISTON GROUP----- .020 in. (0.51 mm) oversize	1
5	9L9673	RING ASSEM-----	1
6	9N581	RING-----	1
▲ 7	6N9088	PISTON GROUP----- .040 in. (1.02 mm) oversize	1
8	9L9323	RING ASSEM-----	1
9	9N578	RING-----	1
C 10	8N7294	RETAINER-----	2
11	6N8012	ROD ASSEM-----	1
12	9N5082	BEARING-----	1
13	9N3832	BOLT-----	2
14	9L7669	NUT-----	2
C 15	8N6308	BEARING----- (std.)-----	1
▲ 15	4N4707	BEARING-----	1
▲ 15	4N4713	BEARING----- .010 in. (0.26 mm) undersize	1
16	7N9803	PIN-----	1
9N875-PISTON RING GROUP----- (std.)-----			1
(complete set of rings for one standard piston)			

▲ NOT PART OF 6N6562 ROD & PISTON GROUP
C INDICATES CHANGE

253346

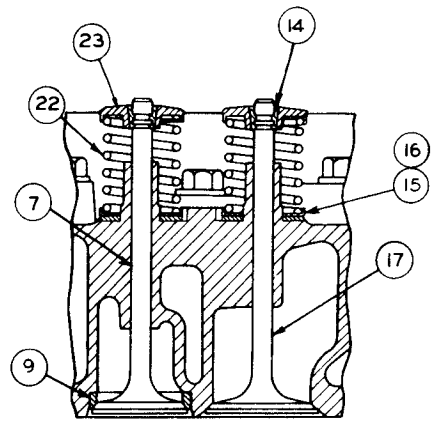
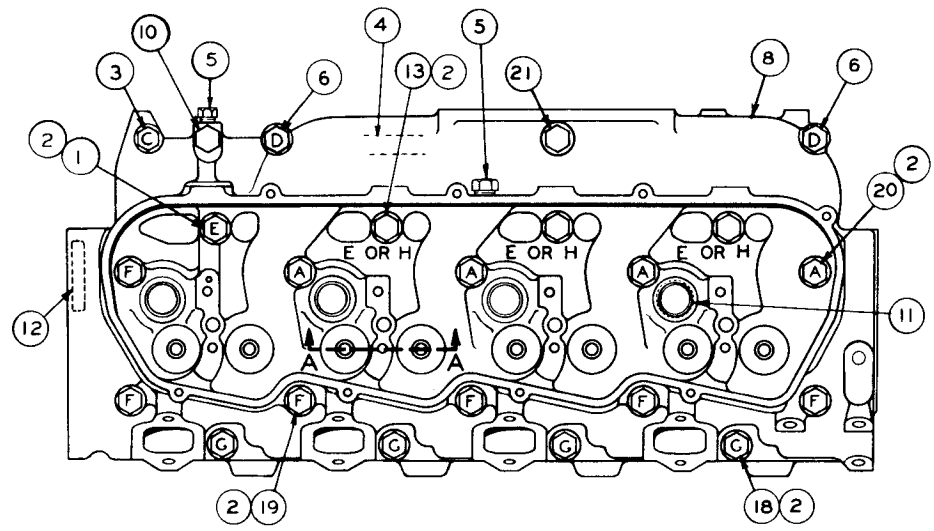
6N6562 CONNECTING ROD AND PISTON GROUP—4 Required
 Engine Serial No. 45V21898 to 45V25163 inclusive
 Also part of 8N9189 Short Cylinder Block Group listed on Page 8A

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8N5537	PISTON GROUP--- (standard)----- (Includes)	1
2	9L6233	RING--- (Standard-compression)-----	1
3	9L9316	RING--- (Standard - oil)-----	1
C ▲ 4	9N5406	PISTON BODY-----	1
C ▲ 5	9N581	RING----- (Oversize - compression)-----	1
C ▲ 6	9L9673	RING--- (Oversize - oil)-----	1
C ▲ 7	9N5407	PISTON BODY----- 1.02mm(.04 in.) oversize	1
C ▲ 8	9N578	RING--- (Oversize - compression)-----	1
C ▲ 9	9L9323	RING--- (Oversize - oil)-----	1
10	7N9803	PIN-----	1
C 11	8N7294	RETAINER-----	2
C ▲ 12	8N6308	BEARING--- (standard)-----	1
C ▲ 12	1W3906	BEARING--- 1.27mm(.05 in.) U.S.--	1
C ▲ 12	1N3821	BEARING--- .254mm(.01 in.) U.S.--	1
C ▲ 12	1N3822	BEARING--- .510mm(.02 in.) U.S.--	1
13	8N8753	ROD ASSEM----- (Includes)	1
13	9N5082	BEARING-----	1
14	9N3832	BOLT-----	2
14	9L7669	NUT-----	2

▲ NOT PART OF 8N4079 CONNECTING ROD AND PISTON GROUP
C INDICATES CHANGE

303089

8N4079 CONNECTING ROD AND PISTON GROUP—4 Required
 Engine Serial No. 45V25164—Up
 Also part of 1W549 & 2W4227 Short Cylinder Block Groups listed on Pages 8A & 8B



VIEW A-A

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	L1329	BOLT----- 7.62 cm(3 in.) long-Location "E"	1
2	3H7654	WASHER-----	18
3	S1571	BOLT----- 4.44 cm(1.75 in.) Location "C"	1
4	9L9164	GASKET-----	1
5	5M6213	PLUG-----	2
6	5B9603	BOLT----- 12.7 cm(5 in.) long-Location "D"	2

7	9L7683	VALVE----- (exhaust)-----	4
	9N3111	HEAD ASSEM.-----	1
8		(Each Includes)	
	5M6214	PLUG-----	1
9	9L7622	INSERT----- (exhaust)-----	4
10	5M6213	PLUG-----	1
11	8M5860	PLUG-----	4
12	9L7657	PLUG-----	1
13	L1329	BOLT----- 7.63 cm(3 in.) long - Location "H"	3
14	2A4429	LOCK-----	16
15	9L8889	WASHER-----	8
16	9N906	SPACER-----	8

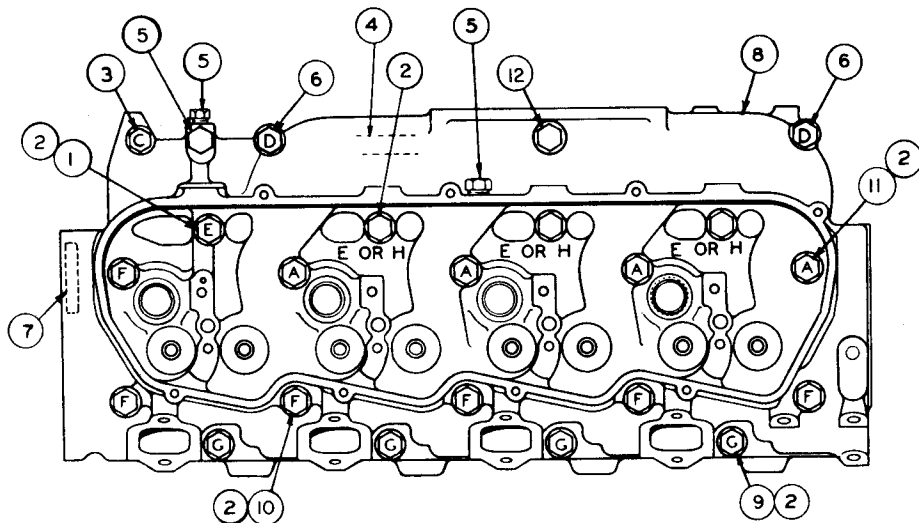
17	9L7682	VALVE----- (intake)-----	4
18	2B947	BOLT----- 5.71 cm(2.25 in.) long-Location "G"	4
19	2H6488	BOLT----- 12 cm(4.75 in.) long-Location "F"	6
C 20	1D4572	BOLT----- 13.97cm(5.5 in.) long-Location "A"	4
21	1A5964	BOLT-----	1
22	9N3387	SPRING-----	8
23	9L9425	RETAINER-----	8

C INDICATES CHANGE

176671

6N2467 CYLINDER HEAD GROUP
 Engine Serial No. 45V21898 to 45V28567 Inclusive

6N2467 CYLINDER HEAD GROUP
 Engine Serial No. 45V28568 to 45V31668 inclusive
 8N5644 Cylinder Head parts are shown on Page 12B

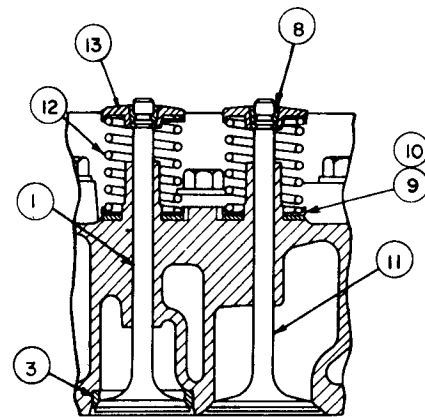
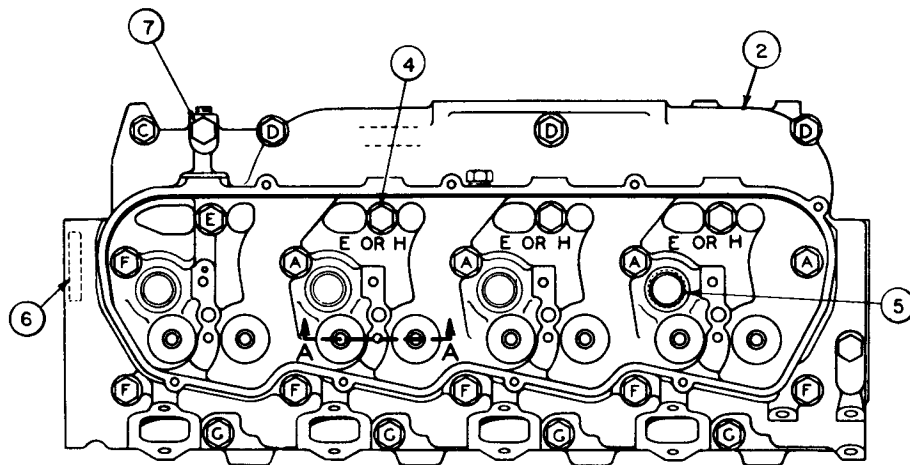


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	L1329	BOLT----- 7.62cm(3 in.)long-Location "E"	4
2	3H7654	WASHER-----	18
3	S1571	BOLT-----4.44cm(1.75 in.)----- Location "C"	1
4	9L9164	GASKET-----	1
5	M6213	PLUG-----	3
6	5B9603	BOLT----- 12.7 cm(5 in.)long-Location "D"	2

7	9L7657	PLUG-----	1
C 8	8N5644	HEAD GROUP----- (Separate Illustration)	1
9	2B947	BOLT----- 5.71 cm(2.25 in.)long-Location "G"	4
10	2H6488	BOLT----- 12 cm(4.75 in.)long-Location "F"	6
11	1D4572	BOLT----- 13.97 cm(5.5 in.)long-Location "A"	4
12	1A5964	BOLT-----	1

C INDICATES CHANGE

234882



VIEW A-A

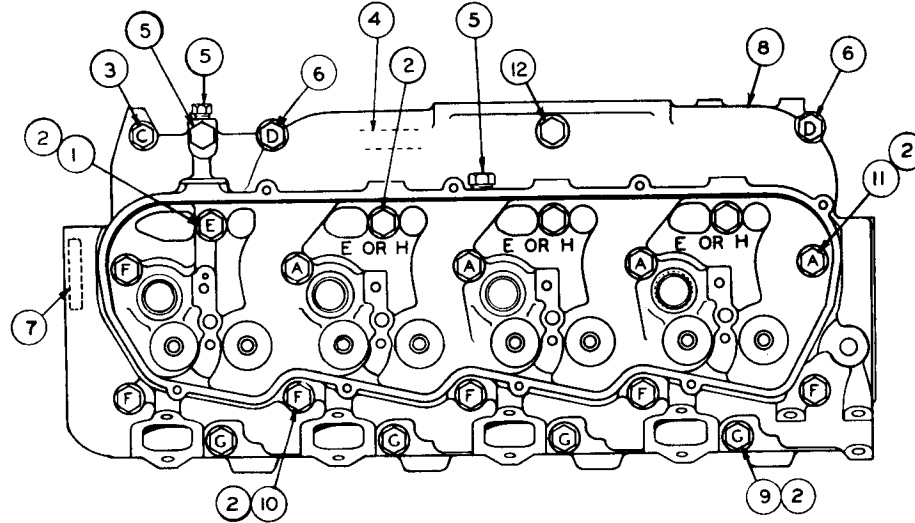
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9L7683	VALVE------(exhaust)-----	8
2	9N3111	HEAD ASSEM.-----	1
		(Includes)	
	5M6214	PLUG-----	1
3	9N2837	INSERT---(exhaust)---	4
4	L1329	BOLT-----	3
		7.63 cm(3 in.)long-Location"H"	
5	8M5860	PLUG-----	4
6	9L7657	PLUG-----	1
7	5M6213	PLUG-----	1
8	2A4429	LOCK-----	16

9	9L8889	WASHER-----	8
10	9N906	SPACER-----	8
11	9L7682	VALVE------(intake)-----	4
12	9N3617	SPRING-----	8
13	9L9425	RETAINER-----	8

234883

8N5644 CYLINDER HEAD GROUP
 Engine Serial No. 45V28568 to 45V31668 inclusive
 Part of 6N2467 Cylinder Head Group shown on Page 12A

6N2467 CYLINDER HEAD GROUP
 Engine Serial No. 45V31669—Up
 1W2280 Cylinder Head parts are shown on Page 12D

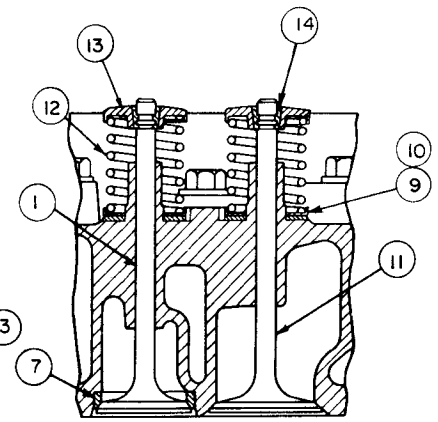
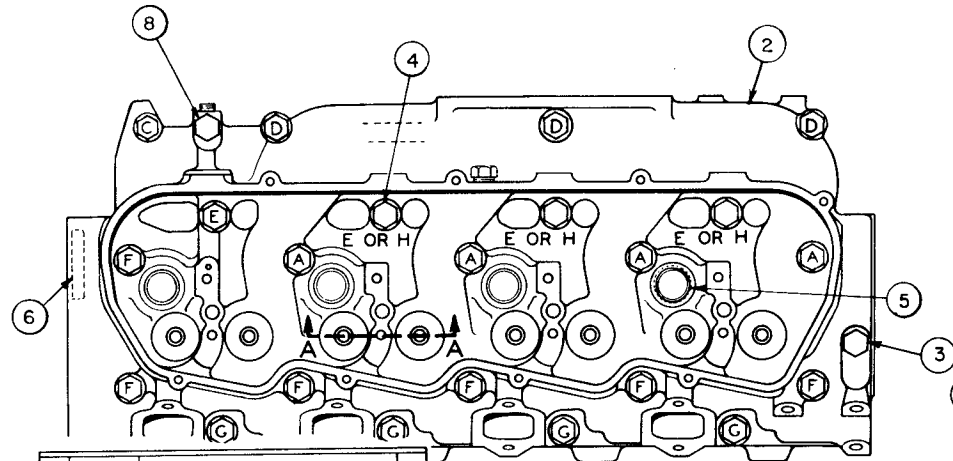


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	L1329	BOLT----- 7.62cm(3 in.)long-Location "E"	4
2	3H7654	WASHER-----	18
3	S1571	BOLT-----4.44cm(1.75 in.)----- Location "C"	1
4	9L9164	GASKET-----	1
5	5M6213	PLUG-----	3
6	5B9603	BOLT----- 12.7 cm(5 in.)long-Location "D"	2

7	9L7657	PLUG-----	1
C 8	1W2280	HEAD GROUP----- (Separate Illustration)	1
9	2B947	BOLT----- 5.71 cm(2.25 in.)long-Location "G"	4
10	2H6488	BOLT----- 12 cm(4.75 in.)long-Location "F"	6
11	1D4572	BOLT----- 13.97 cm(5.5 in.)long-Location "A"	4
12	1A5964	BOLT-----	1

C INDICATES CHANGE

236703



VIEW A-A

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9L7683	VALVE-----(exhaust)-----	8
2	9N5819	HEAD ASSEM.----- (Includes)	1
▲ 3	2B858	PLUG-----	1
▲ 3	19440	CONNECTOR-----	1
▲ 4	L1329	BOLT-----	3
▲ 5	8M5860	PLUG-----	4
▲ 6	9L7657	PLUG-----	1
▲ 6	9N2837	INSERT------(exhaust)---	1
▲ 6	2N8943	INSERT------(intake)---	1
▲ 6	5M6213	PLUG-----	1
● 8	2N1287	ELBOW-----	1
● 8	1N3799	TUBE ASSEM.----- (Cooling System Vent)---	1
● 8	7K9197	ELBOW-----	1

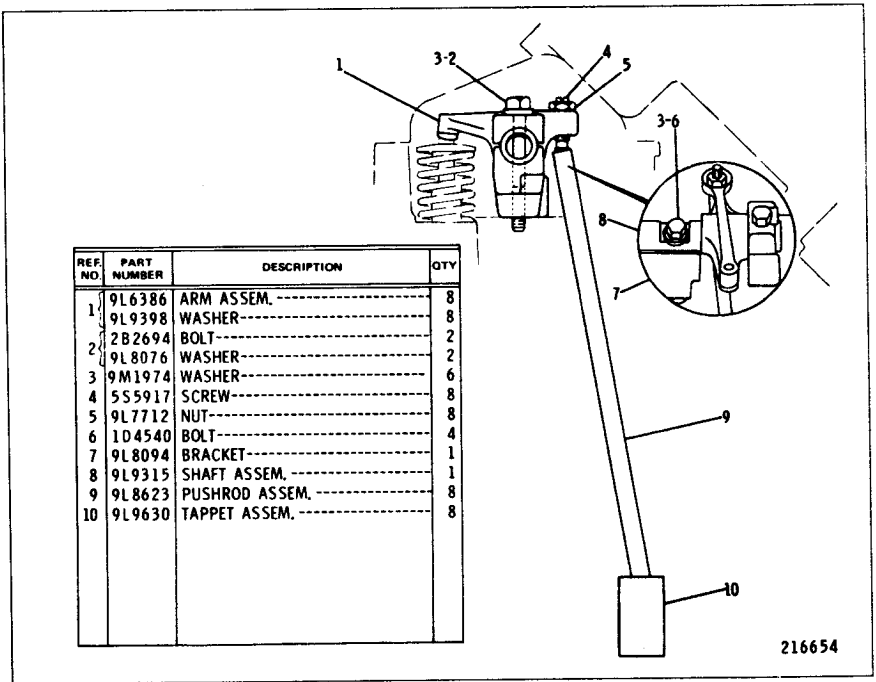
▲ USE AS REQUIRED

● NOT SHOWN - USE AS REQUIRED

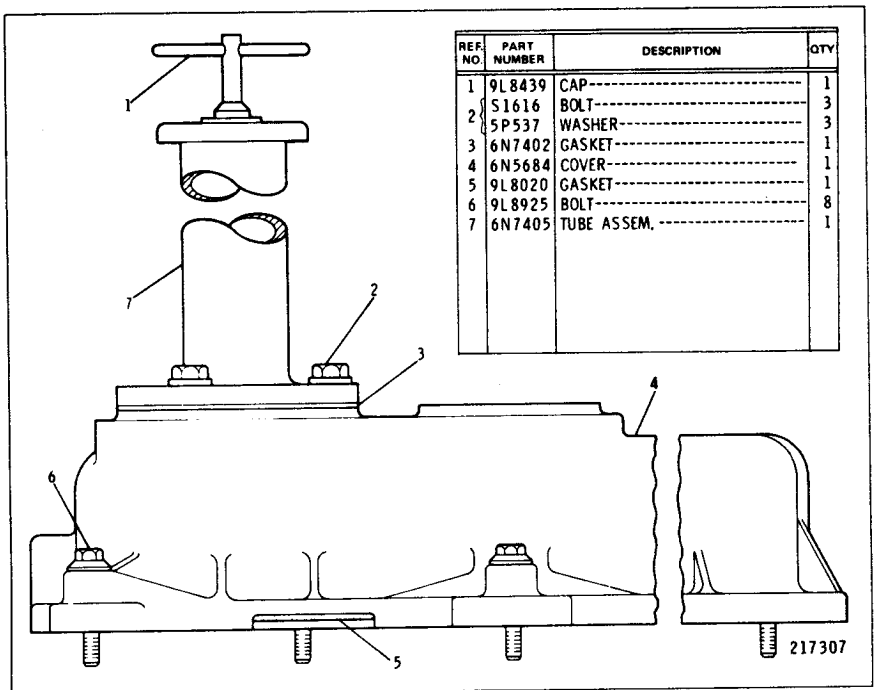
9	9L8889	WASHER-----	8
10	9N906	SPACER-----	8
11	9L7682	VALVE-----(intake)-----	4
12	9N3617	SPRING-----	8
13	9L9425	RETAINER-----	8
14	2A4429	LOCK-----	16
THE FOLLOWING FORM IS AVAILABLE: SMHS7793 FORM--(Installation of head assem.)			1

236704

1W2280 CYLINDER HEAD GROUP
 Engine Serial No. 45V31669—Up
 Part of 6N2467 Cylinder Head Group shown on Page 12C

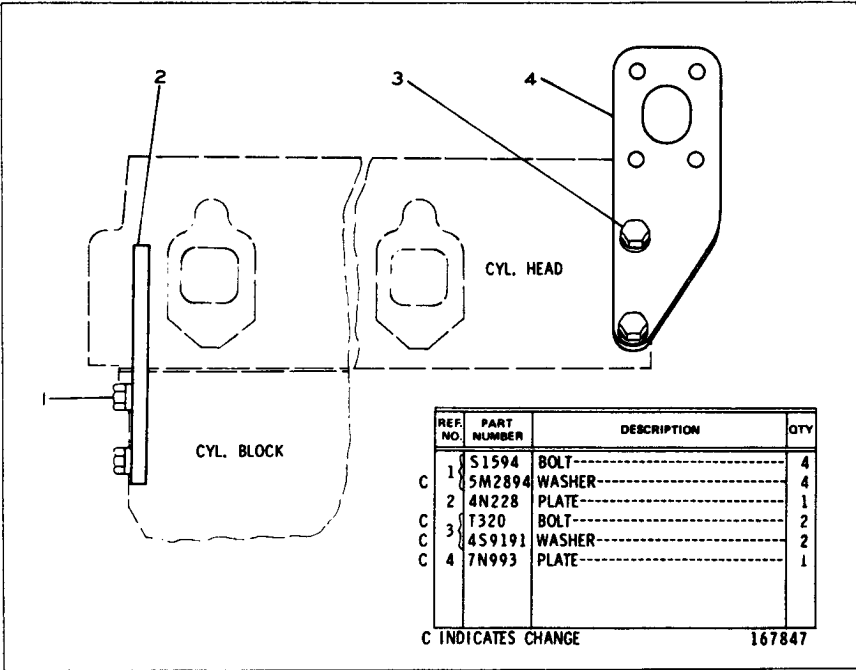


6N2398 VALVE MECHANISM GROUP

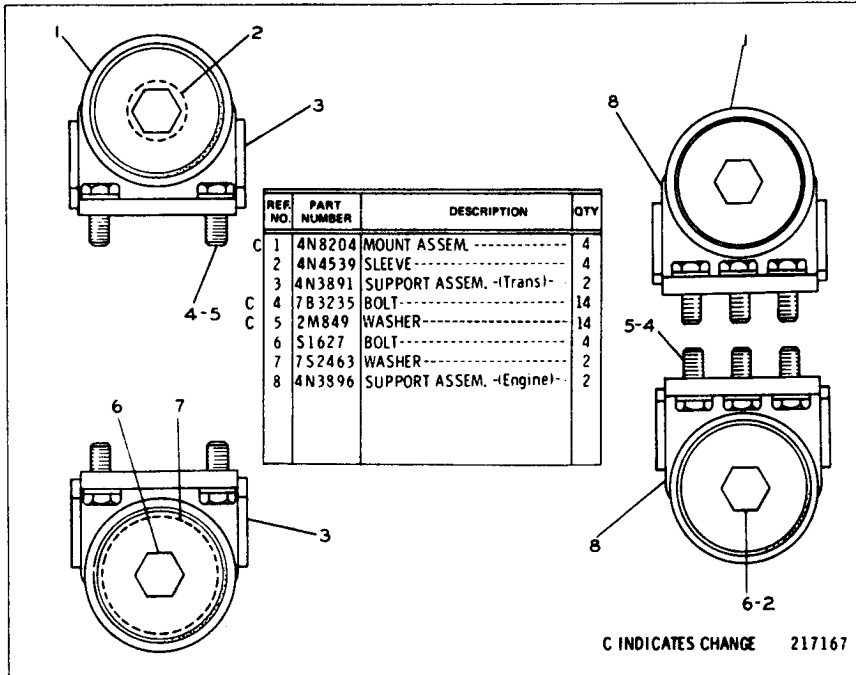


6N7418 VALVE MECHANISM COVER GROUP

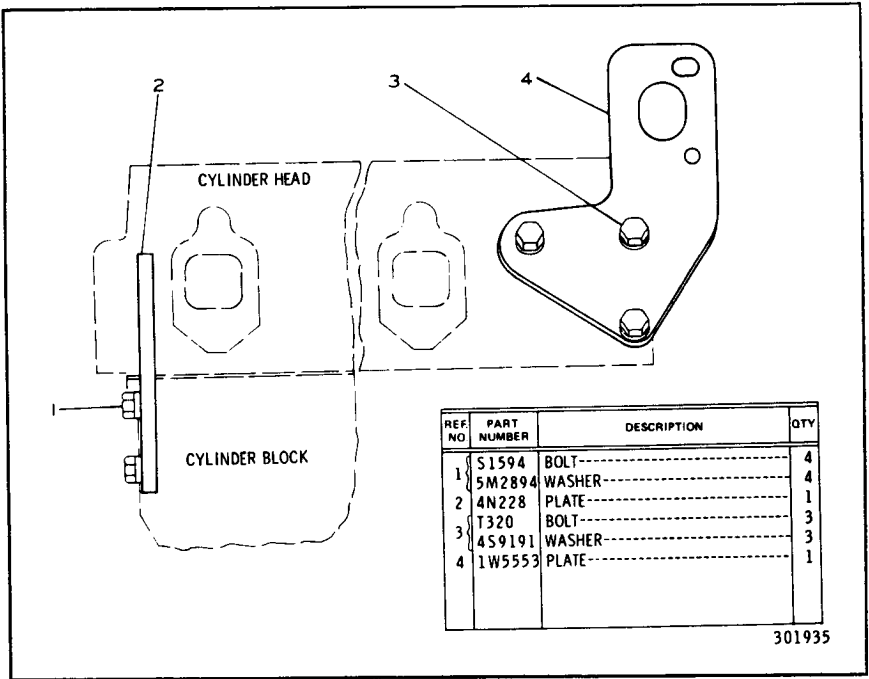
CATERPILLAR D3B TRACTOR



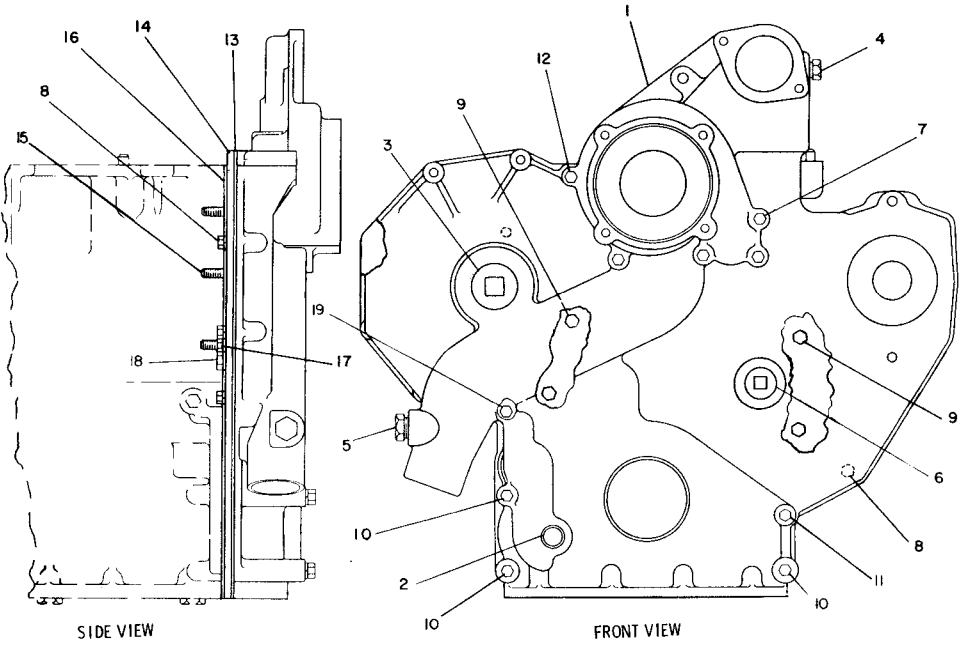
4N180 ENGINE LIFTING GROUP
 Engine Serial No. 45V21898 to 45V32893 inclusive



4N300 ENGINE AND TRANSMISSION SUPPORT GROUP



1W5554 LIFTING GROUP
 Engine Serial No. 45V32894—Up



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1W2275	HOUSING ASSEM. ----- (Includes)	1
2	9N243	SHAFT-----	1
	9L8636	BEARING-----	1
3	1B5170	PLUG-----	1
4	3J5390	PLUG-----	1
5	3J5389	PLUG-----	1
6	1B5174	PLUG-----	1
7	8S9191	BOLT-----	4
	2B2695	BOLT-----	8
8	9M1974	WASHER-----	8
	1L1351	BOLT-----	4
9	3V2431	WASHER-----	4
C 10	9F2491	BOLT-----	3
11	4F7226	BOLT-----	1
12	1A5964	BOLT-----	1
13	1W1109	GASKET-----	1
14	1W1168	PLATE ASSEM. ----- (Includes)	1
15	6H192	STUD-----	3
16	1W1110	GASKET-----	1
	4F4879	BOLT-----	1
17	4B5167	WASHER-----	1
C 18	9L9653	PLUG-----	1
C	3B1925	WASHER-----	1
C 19	S1608	BOLT-----	1

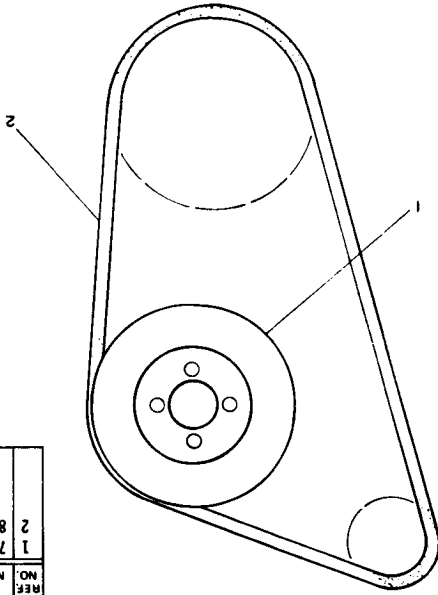
C INDICATES CHANGE

302449

1W1306 FRONT HOUSING GROUP
Engine Serial No. 45V32894—Up

7N5141 FAN DRIVE GROUP

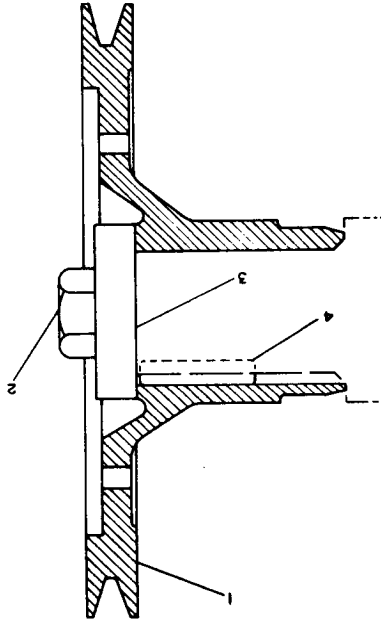
223236



REF NO.	PART NUMBER	DESCRIPTION	QTY.
1	7N422	PULLEY	1
2	8N2818	V-BELT	1

7N5138 CRANKSHAFT PULLEY GROUP

223233



REF NO.	PART NUMBER	DESCRIPTION	QTY.
1	8N4130	PULLEY	1
2	9S1362	BOLT	1
3	9L8339	WASHER	1
4	5L1475	KEY	1

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4N197	FLYWHEEL ASSEM. ----- (Includes)	1
2	2N1599	GEAR------(126 teeth)-----	1
	T489	BOLT-----5,08 mm(2 in.) long -OR-	8
C 3	8S4724	BOLT-----57,15 mm(2.25 in.) long	8
C	5P8244	WASHER-----	8

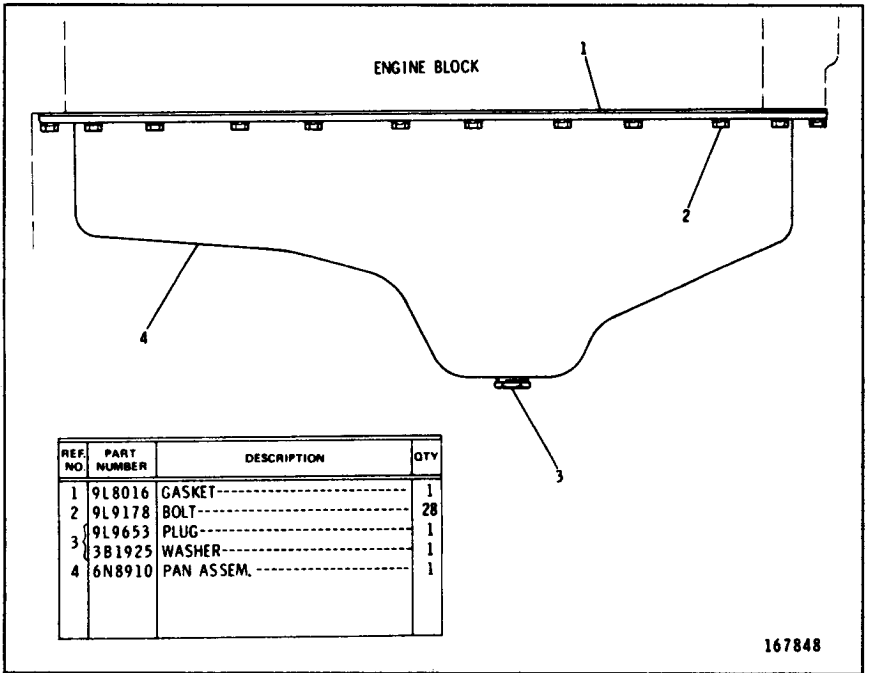
C INDICATES CHANGE 217335

4N184 FLYWHEEL GROUP

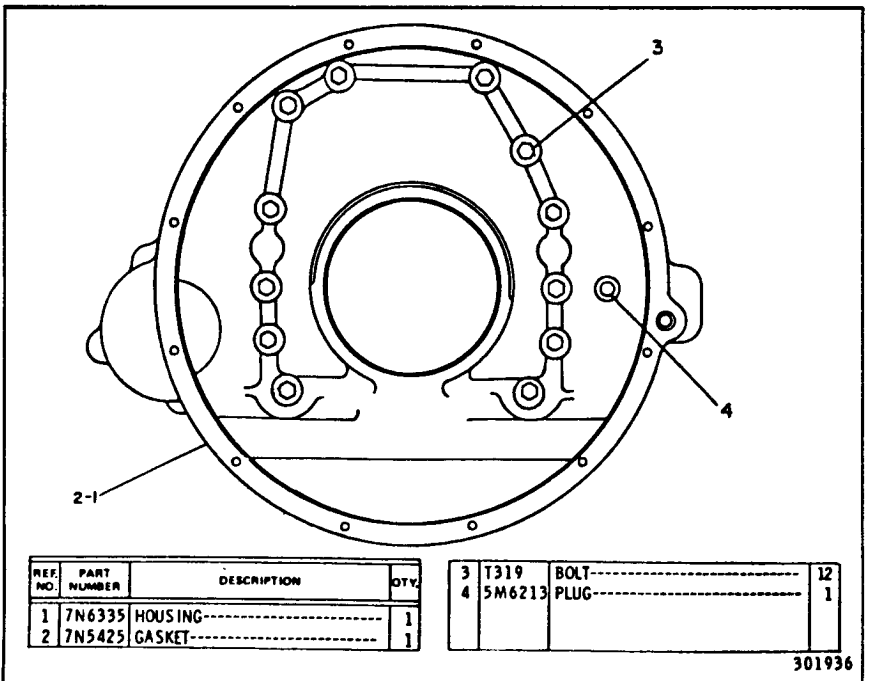
REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	7N5453	HOUSING-----	1
C 2	4N214	GASKET-----	1
C 3	S1571	BOLT-----41,28 mm(1.625 in.) long	8
4	S1590	BOLT-----44,45 mm(1.75 in.) long	2
5	5M6213	PLUG-----	1
C 6	5M2894	WASHER-----	10

C INDICATES CHANGE 217334

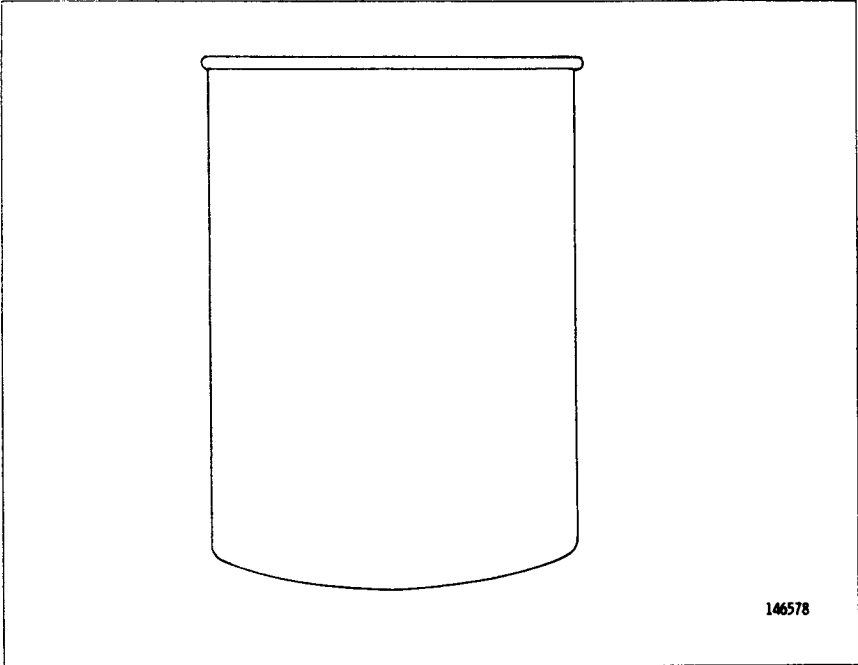
4N183 FLYWHEEL HOUSING GROUP
Engine Serial No. 45V21898 to 45V32893 inclusive



6N8370 OIL PAN GROUP

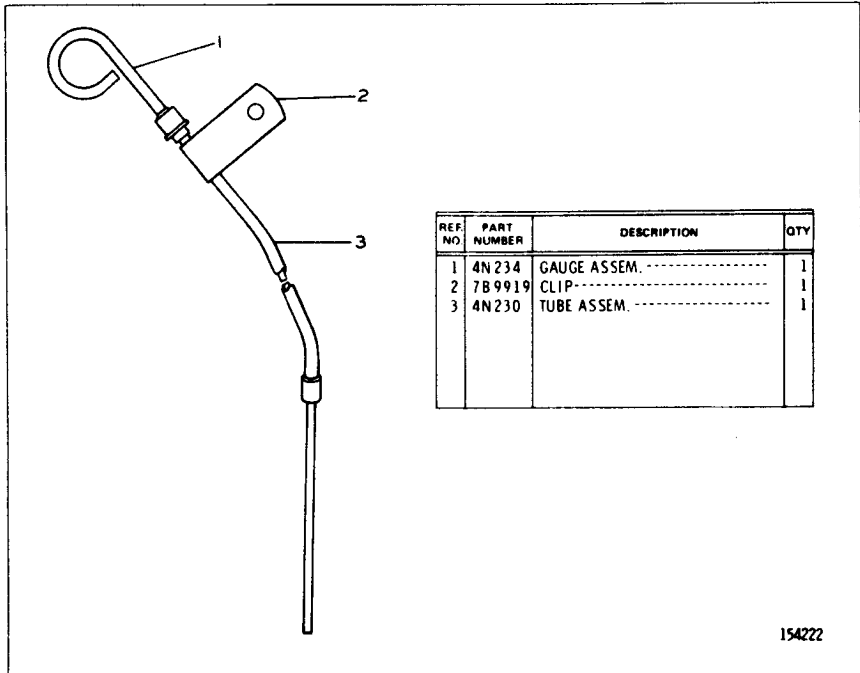


7N6344 FLYWHEEL HOUSING GROUP
Engine Serial No. 45V32894—Up



146578

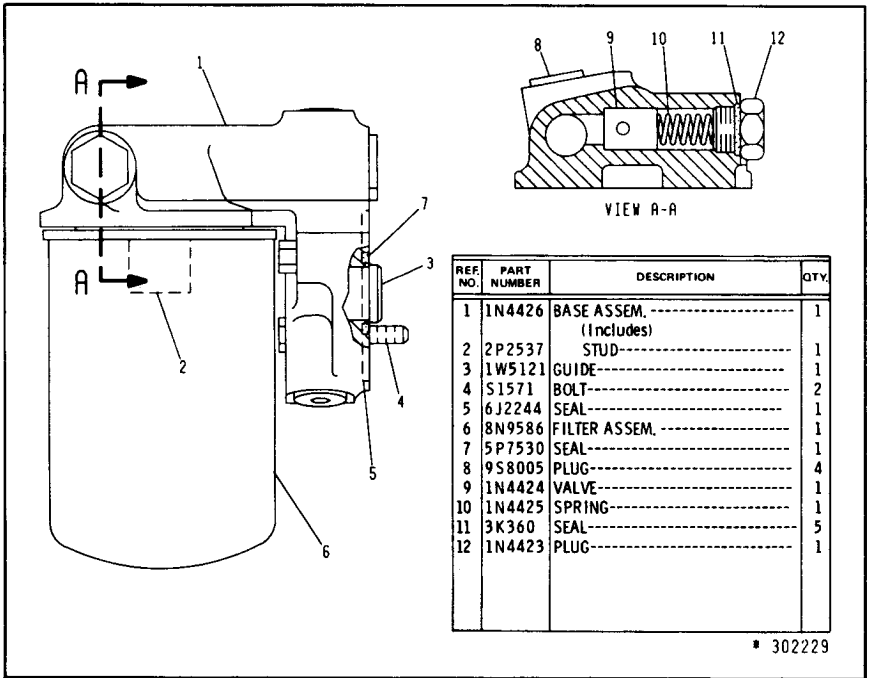
9L9200 OIL FILTER ASSEMBLY
 Engine Serial No. 45V21898 to 45V32893 inclusive



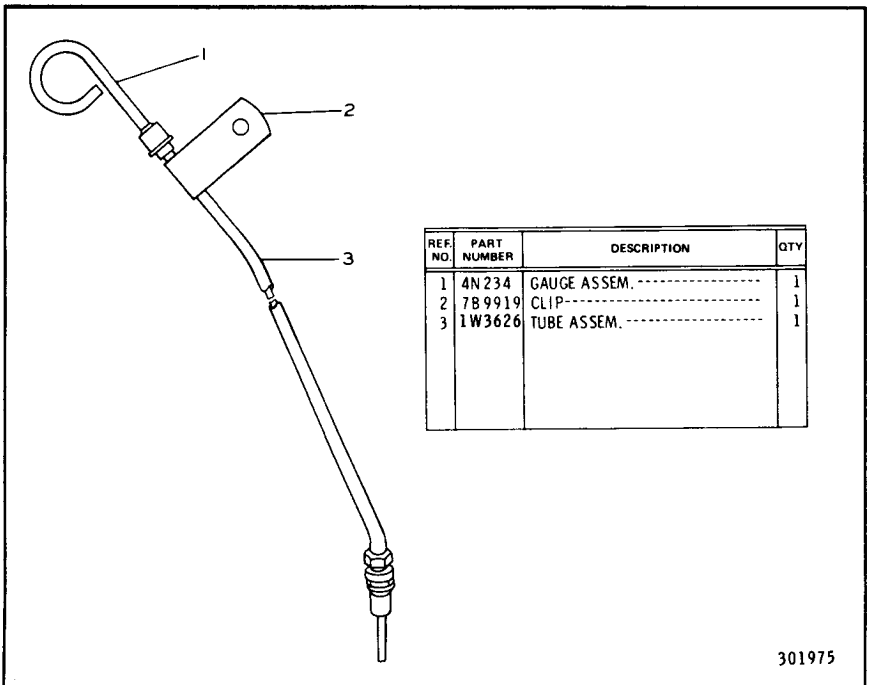
REF NO.	PART NUMBER	DESCRIPTION	QTY
1	4N 234	GAUGE ASSEM.	1
2	7B 9919	CLIP.....	1
3	4N 230	TUBE ASSEM.	1

154222

4N185 OIL LEVEL GAUGE GROUP
 Engine Serial No. 45V21898 to 45V32893 inclusive

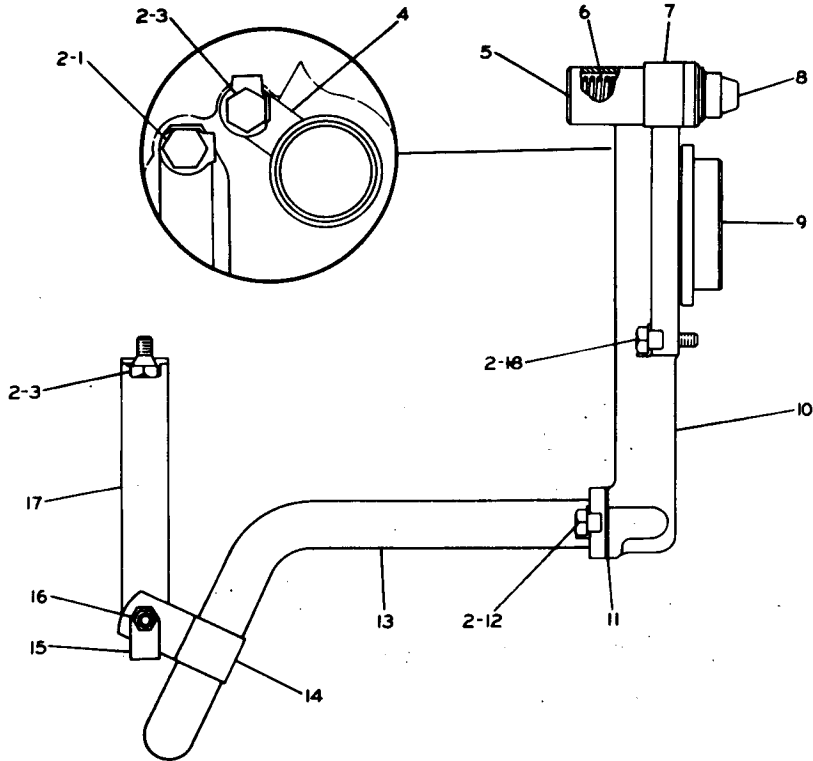


1N3224 OIL FILTER GROUP
 Engine Serial No. 45V32894—Up



1W367 OIL LEVEL GAUGE GROUP
 Engine Serial No. 45V32894—Up

4N193 OIL PUMP GROUP

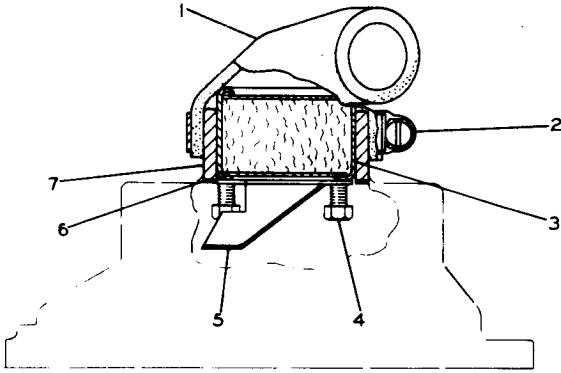


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1A9579	BOLT-----	1
2	1M7390	LOCK-----	7
3	2H3755	BOLT-----	2
4	4N246	CLIP-----	1
5	9L7635	GUIDE-----	1
6	9L9243	SPRING-----	1
7	4N245	SLEEVE-----	1
8	9L9235	PLUNGER-----	1
9	4N94	ROTOR ASSEM.-----	1
10	4N71	COVER-----	1
11	7N5450	GASKET-----	1
12	2B2695	BOLT-----	2
13	4N70	TUBE ASSEM.-----	1
14	2L9653	CLIP-----	1
15	2N3389	LOCK-----	1
16	S1617	NUT-----	1
17	1D4716	STRAP-----	1
18	4N244	STRAP-----	1
	S1618	BOLT-----	2

C INDICATES CHANGE

217336

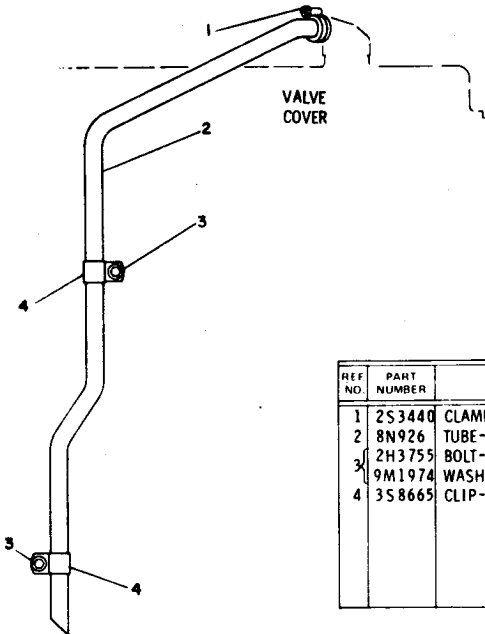
CATERPILLAR D3B TRACTOR



REF NO	PART NUMBER	DESCRIPTION	QTY
1	4N489	BOOT-----	1
2	9M164	CLAMP-----	1
3	4N490	ELEMENT-----	1
4	5M6755	BOLT-----	4
5	4N491	BAFFLE-----	1
6	9L8786	GASKET-----	1
7	4N492	PIPE-----	1

216643

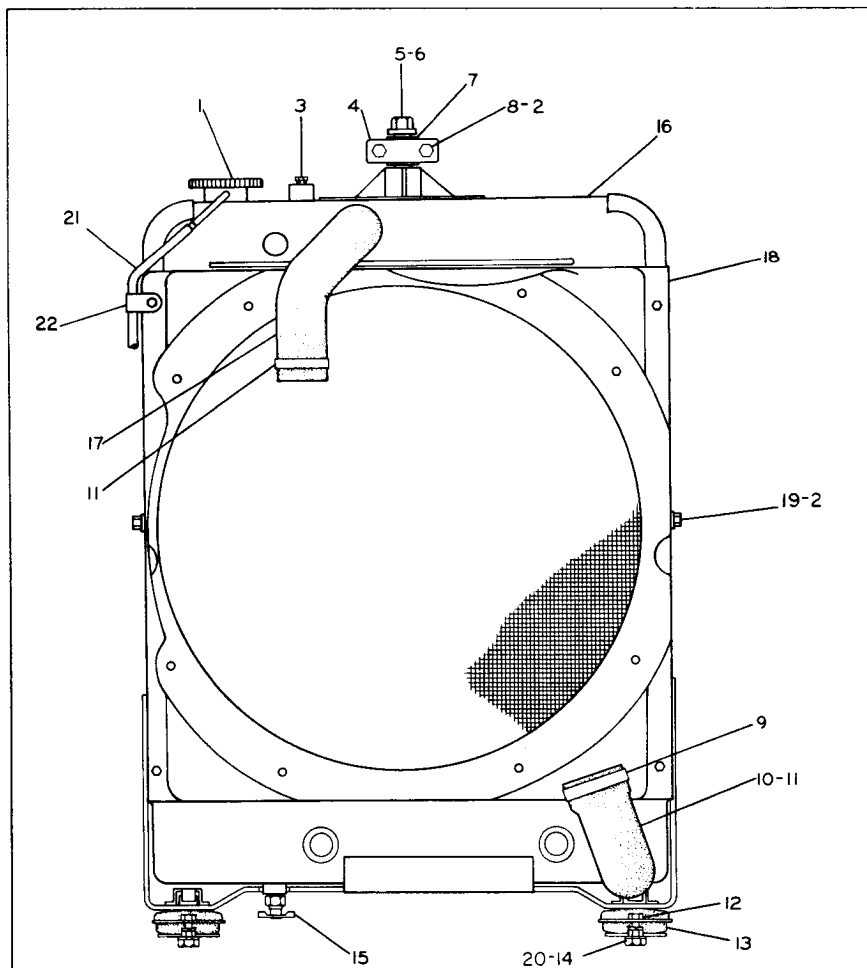
6N3382 BREATHER GROUP



REF NO	PART NUMBER	DESCRIPTION	QTY
1	2S3440	CLAMP-----	1
2	8N926	TUBE-----	1
3	2H3755	BOLT-----	2
3	9M1974	WASHER-----	2
4	3S8665	CLIP-----	2

223344

8N3198 FUMES DISPOSAL GROUP



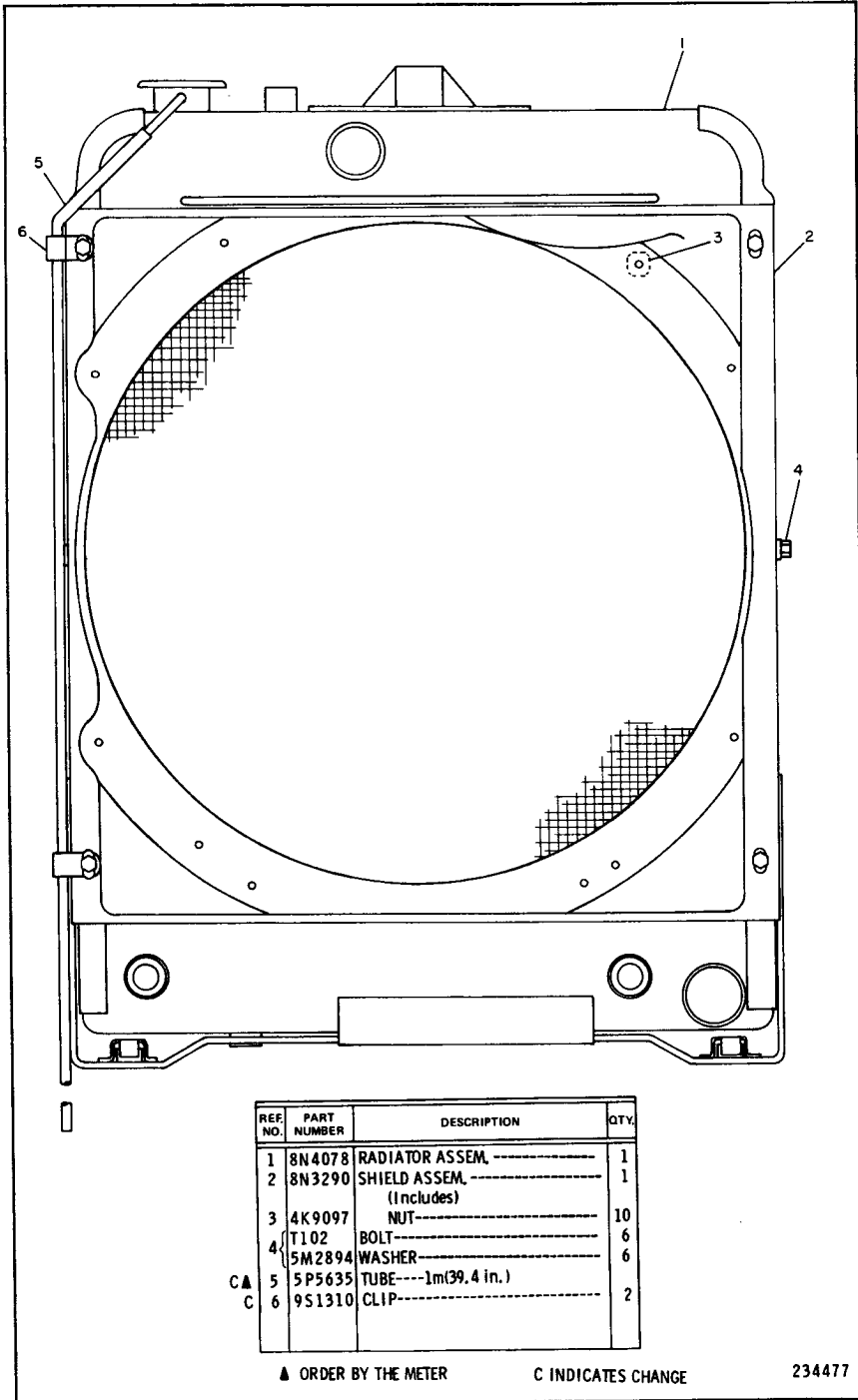
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	321464	CAP-----	1
2	5M2894	WASHER-----	10
3	5M6214	PLUG-----	1
4	1M6298	CLAMP-----	2
C 5	9S1366	BOLT-----	1
6	1F7960	WASHER-----	1
7	3H8726	BLOCK-----	1
8	S1619	BOLT-----	2
	1D4717	NUT-----	2
C 9	5P4868	CLAMP-----	1
10	4N2226	HOSE-----(outlet)-----	1
11	5P597	CLAMP-----	3
	S1618	BOLT-----	4
12	1D4716	NUT-----	4
	9M1974	WASHER-----	8
13	8S9378	MOUNT-----	2

14	1A1460	BOLT-----	2
	1B4287	WASHER----5.87cm(2.31 in. O. D.)	2
15	1P7297	VALVE-----	1
16	8N4076	RADIATOR ASSEM.-----	1
17	8N3246	HOSE----- (inlet)-----	1
	8N3290	SHIELD ASSEM.-----	1
18		(Includes)	
	4K9097	NUT-----	10
19	T102	BOLT-----	6
20	5P8245	WASHER---2.55 cm(1 in.) O. D.	2
C 21	5P5635	TUBE---2m(78.7 in.)	
C 22	9S1310	CLIP-----	2

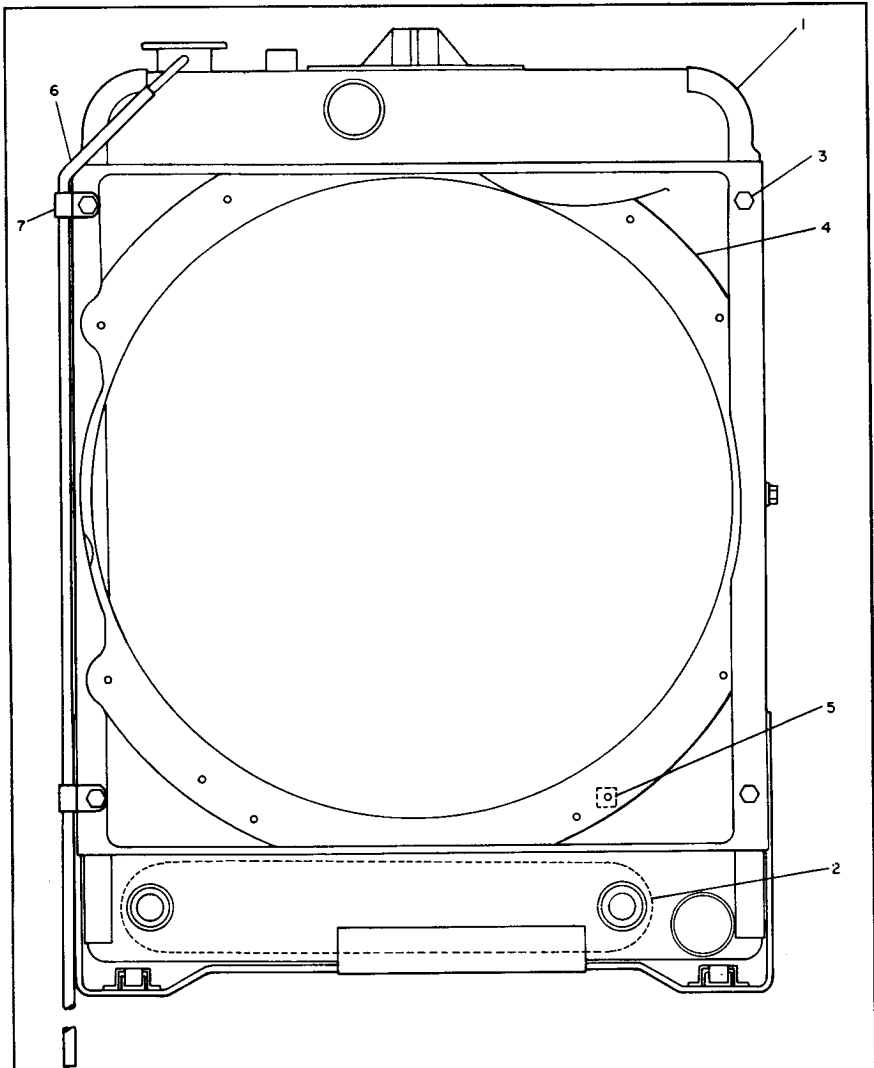
▲ ORDER BY THE METER C INDICATES CHANGE

235351

8N3082 RADIATOR GROUP

**8N4077 RADIATOR GROUP**

Also part of 5G2355 Sound Suppression and 7N5596 Air Conditioner Arrangements listed on Pages 213 and 213C. AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	8N5863	RADIATOR ASSEM. ----- (Includes)	1
2	8N4127	CORE ASSEM. -----	1
3	T102	BOLT-----	6
	5M2894	WASHER-----	6
4	8N3290	SHIELD ASSEM. ----- (Includes)	1
5	4K9097	NUT-----	10
C ▲ 6	5P5635	TUBE-----2 m(78,75 in.)	
C 7	9S1310	CLIP-----	2

C INDICATES CHANGE ▲ ORDER BY THE METER

234478

**8N5864 RADIATOR GROUP
FOR USE IN FORESTS AND AREAS OF HIGH DEBRIS. AN ATTACHMENT**

REF NO	PART NUMBER	DESCRIPTION	QTY
1	282695	BOLT	8
	9N869	WASHER	8
2	7N4490	GUARD ASSEM. (Each includes)	2
3	3P34	NUT	2
4	1D4541	BOLT	4
4	9M1974	WASHER	4
5	6D2428	PLATE	2
6	S509	BOLT	4
5	5M2894	WASHER	4
7	6N53	SPIDER ASSEM.	1

223241

7N9989 BLOWER FAN GROUP

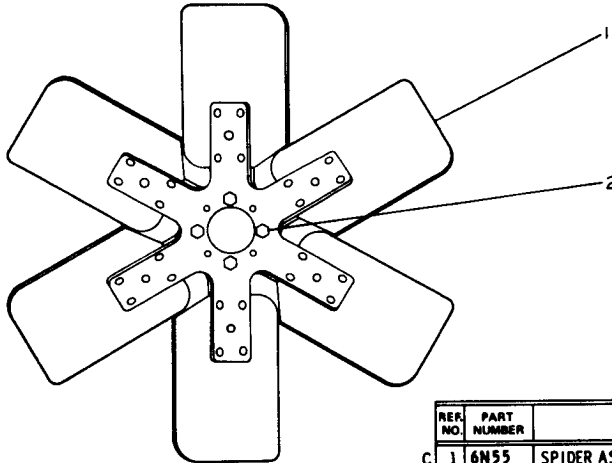
REF NO	PART NUMBER	DESCRIPTION	QTY
C 1	8N5555	PUMP ASSEM. ----(water)--- (Includes)	1
2	7N9410	SPACER	1
3	7N8990	ADAPTER	1
▲ 4	5P9681	BOLT	1
▲ 5	4S9191	WASHER	1
▲ 6	9N3078	SHAFT	1
▲ 7	5P7807	BEARING	2
▲ 8	1L4775	RING	1
9	9N139	IMPELLER	1
▲ 10	9N5697	SEAL ASSEM.	1
11	S1594	BOLT	4
▲ 12	4N659	GASKET	1

C THE FOLLOWING REPAIR KIT IS AVAILABLE:
9N6046 REBUILD KIT--(water pump)--
(Includes parts marked ▲)

172704

C INDICATES CHANGE

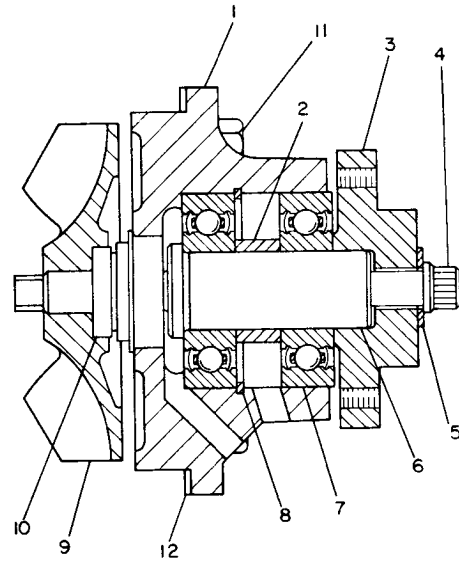
4N660 WATER PUMP GROUP
Engine Serial No. 45V21898 to 45V23327 inclusive



REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	6N55	SPIDER ASSEM.-----	1
C 2	1D4541	BOLT-----	4

C INDICATES CHANGE 149274

4N2220 SUCTION FAN GROUP
 Part of 7N5596 Air Conditioner Arrangement listed on Page 213C
AN ATTACHMENT



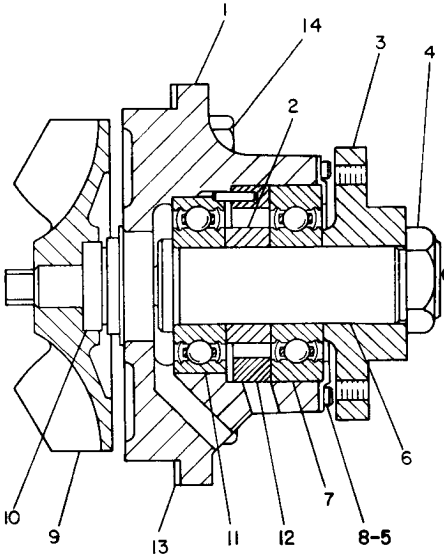
REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	8N8271	PUMP ASSEM. -----(water)---	1
		(Includes)	
2	8N8265	SPACER-----	1
3	7N8990	ADAPTER-----	1
4	5P9681	BOLT-----	1
▲ 5	5P8244	WASHER-----	1
▲ 6	9N3078	SHAFT-----	1
▲ 7	5P7807	BEARING-----	2
▲ 8	1L4775	RING-----	1
9	9N139	IMPELLER-----	1
▲ 10	9N5697	SEAL ASSEM.-----	1
▲ 11	4N659	GASKET-----	1
12	S1594	BOLT-----	4

THE FOLLOWING REPAIR KIT IS AVAILABLE:
 9N6046 REBUILD KIT--(water pump)-- 1
 (Includes parts marked ▲)

C INDICATES CHANGE 227557

4N660 WATER PUMP GROUP
 Engine Serial No. 45V23328 to 45V28547 inclusive

CATERPILLAR D3B TRACTOR



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
C 1	1W2929	PUMP GROUP---(water)---	1
		(Includes)	
2	8N5798	SPACER-----	1
3	1W3117	ADAPTER-----	1
4	6V4647	NUT-----	1
▲ 5	9N5756	RETAINER-----	1
▲ 6	1W2965	SHAFT-----	1
▲ 7	5P7807	BEARING-----	1
▲ 8	3L2540	BOLT-----	6
9	9N139	IMPELLER-----	1
C 10	9N5697	SEAL ASSEM.-----	1
▲ 11	6V3916	BEARING-----	1
▲ 12	1W2846	SPACER ASSEM.-----	1
▲ 13	4N659	GASKET-----	1
▲ 14	S1594	BOLT-----	4

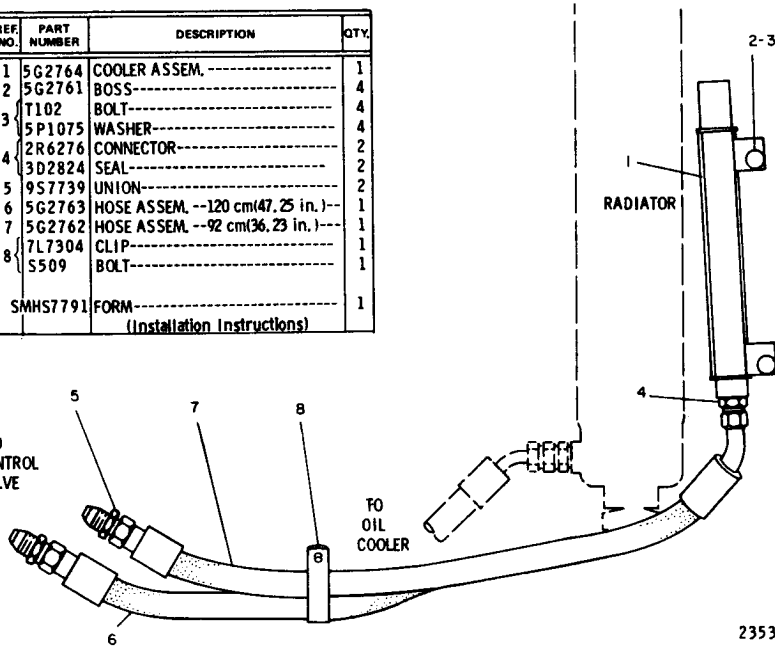
THE FOLLOWING REPAIR KIT IS AVAILABLE:
1W3327 REBUILD KIT---(water pump)
(Includes parts marked ▲)

C INDICATES CHANGE 182325

4N660 WATER PUMP GROUP
Engine Serial No. 45V28548 to 45V32365 Inclusive

45V35371

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G2764	COOLER ASSEM.-----	1
2	5G2761	BOSS-----	4
3	T102	BOLT-----	4
3	5P1075	WASHER-----	4
4	2R6276	CONNECTOR-----	2
4	3D2824	SEAL-----	2
5	9S7739	UNION-----	2
6	5G2763	HOSE ASSEM. --120 cm(47.25 in.)--	1
7	5G2762	HOSE ASSEM. --92 cm(36.23 in.)--	1
8	7L7304	CLIP-----	1
8	S509	BOLT-----	1
	SMHS7791	FORM----- (Installation Instructions)	1



TO CONTROL VALVE

TO OIL COOLER

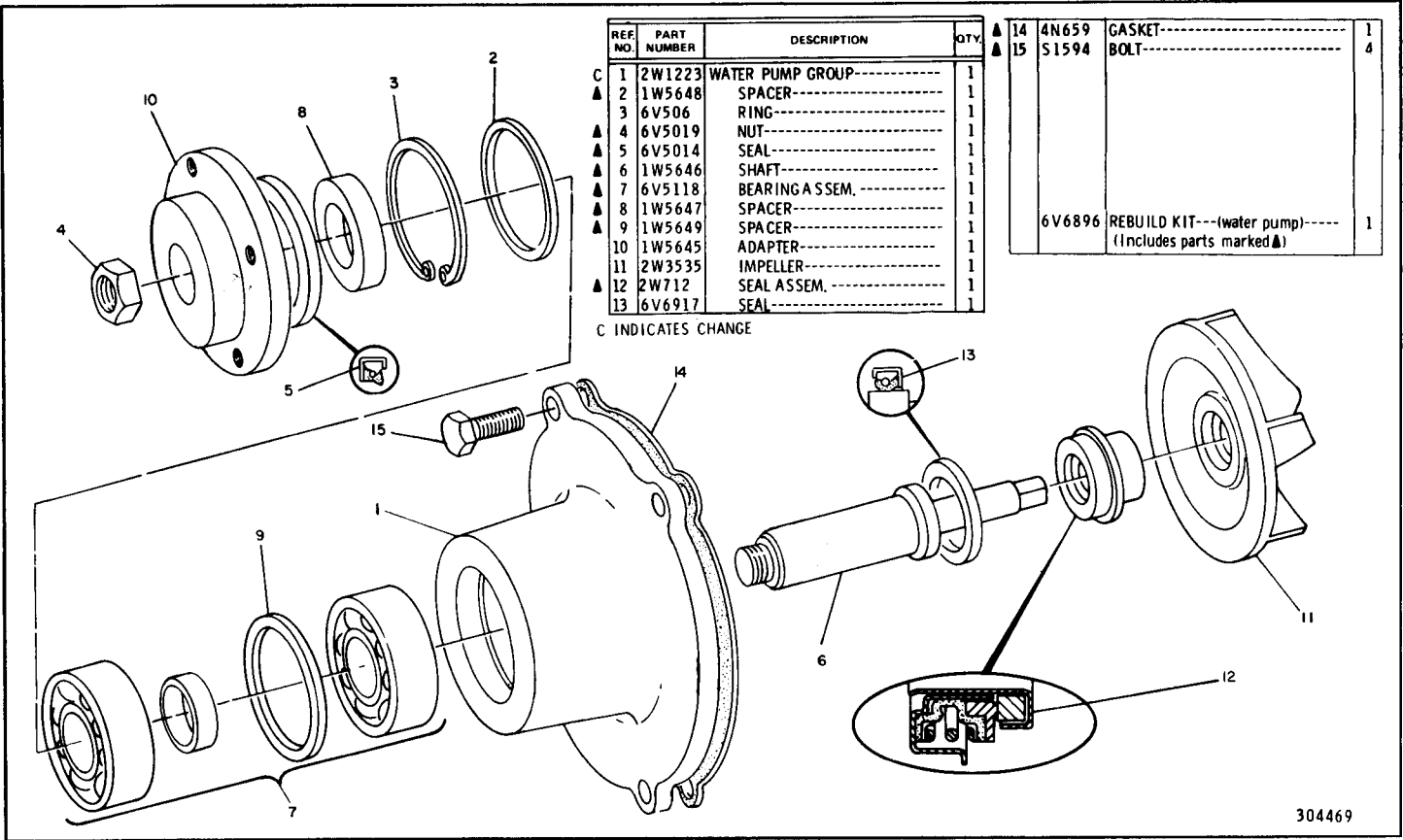
RADIATOR

235345

5G2765 HYDRAULIC COOLER GROUP
FOR USE WITH BACKHOE. AN ATTACHMENT

11.8
45V35377

4N660 WATER PUMP GROUP
Engine Serial No. 45V32366—Up



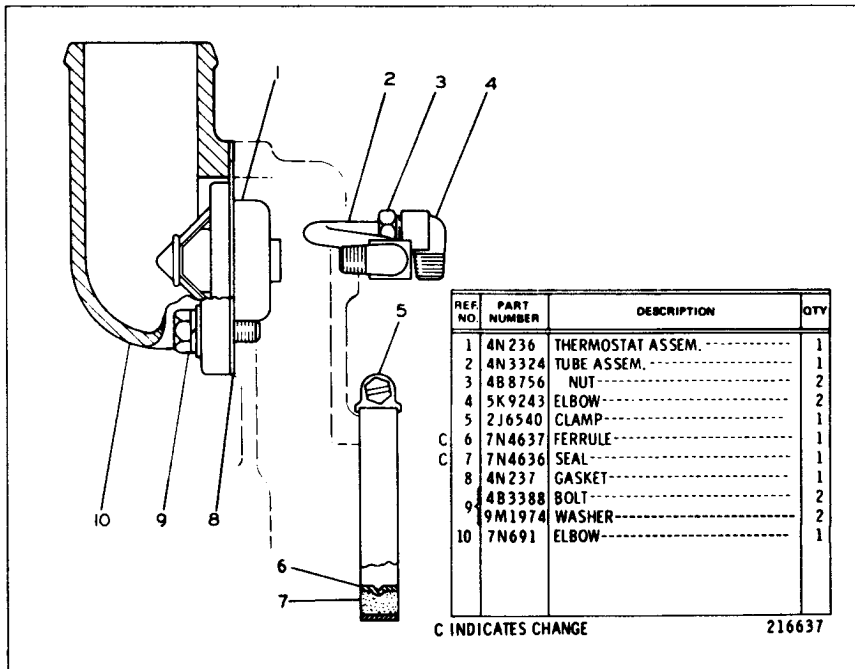
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
C 1	2W1223	WATER PUMP GROUP-----	1
▲ 2	1W5648	SPACER-----	1
3	6V506	RING-----	1
▲ 4	6V5019	NUT-----	1
▲ 5	6V5014	SEAL-----	1
▲ 6	1W5646	SHAFT-----	1
▲ 7	6V5118	BEARING ASSEM.-----	1
▲ 8	1W5647	SPACER-----	1
▲ 9	1W5649	SPACER-----	1
10	1W5645	ADAPTER-----	1
▲ 11	2W3535	IMPELLER-----	1
▲ 12	2W712	SEAL ASSEM.-----	1
▲ 13	6V6917	SEAL-----	1

C INDICATES CHANGE

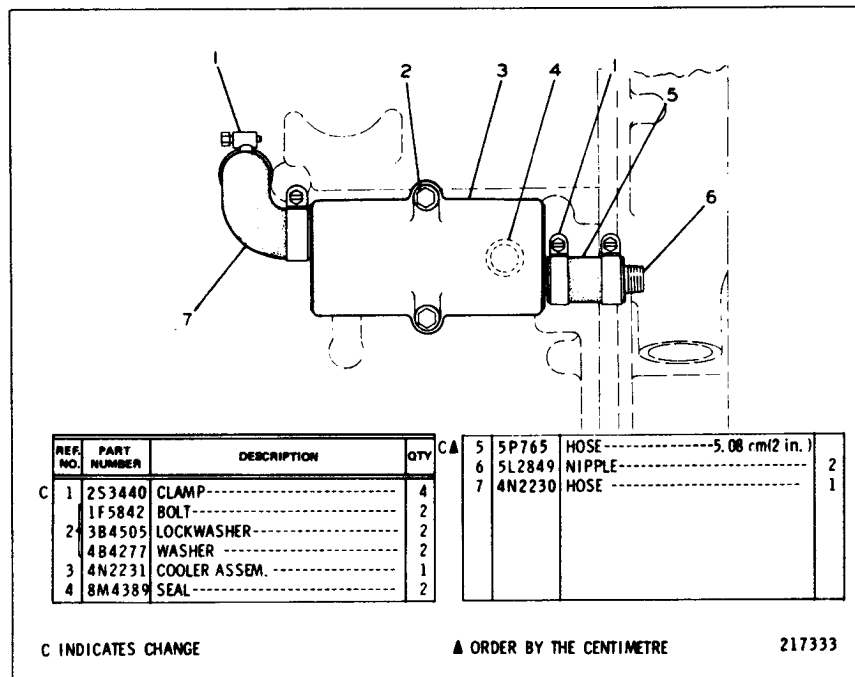
▲ 14	4N659	GASKET-----	1
▲ 15	S1594	BOLT-----	4
6V6896 REBUILD KIT---(water pump)-----			1
(Includes parts marked▲)			

COOLING SYSTEM

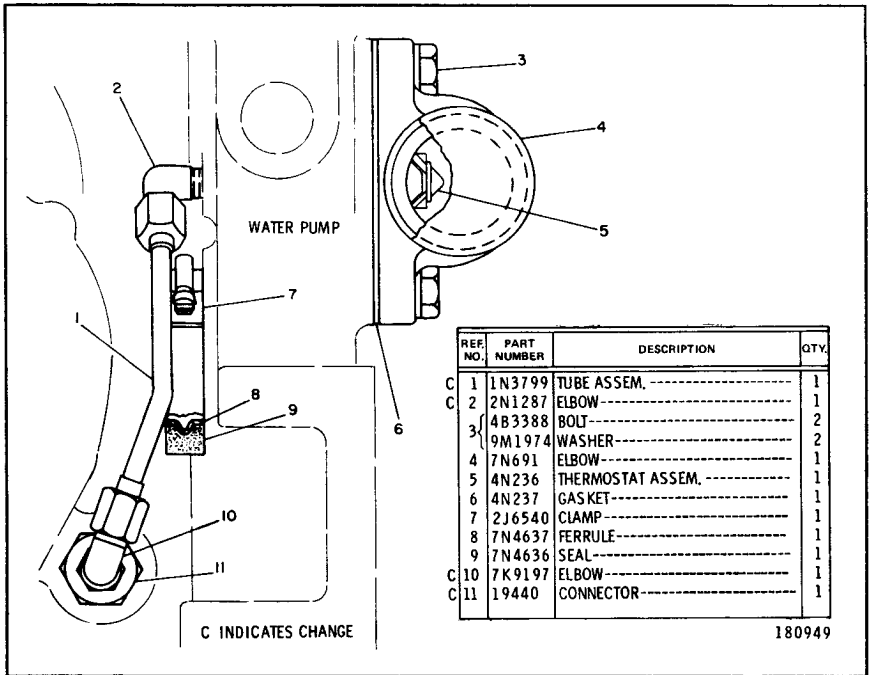
22C



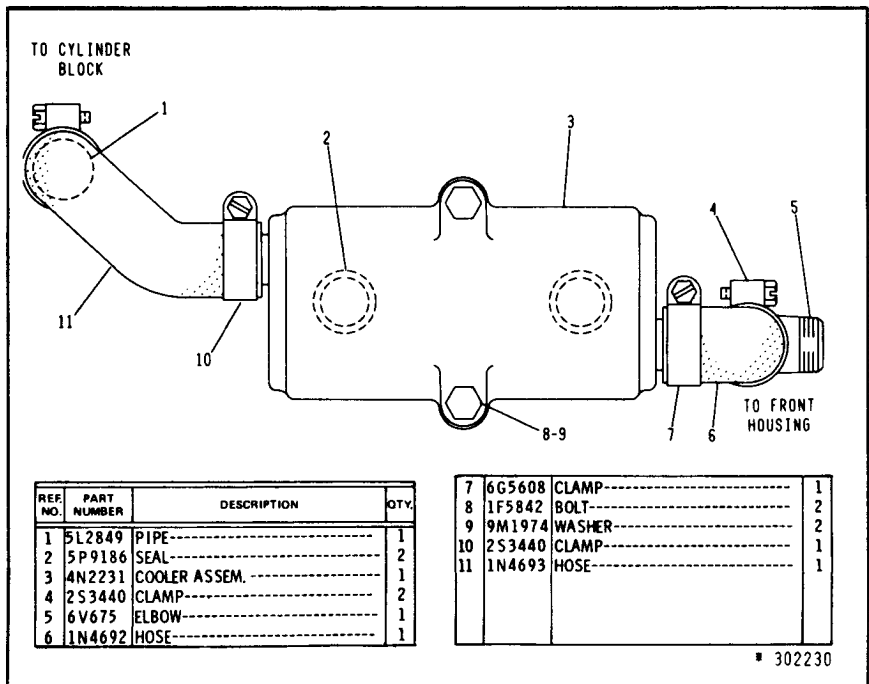
4N188 WATER LINES GROUP
 Engine Serial No. 45V21898 to 45V31868 Inclusive



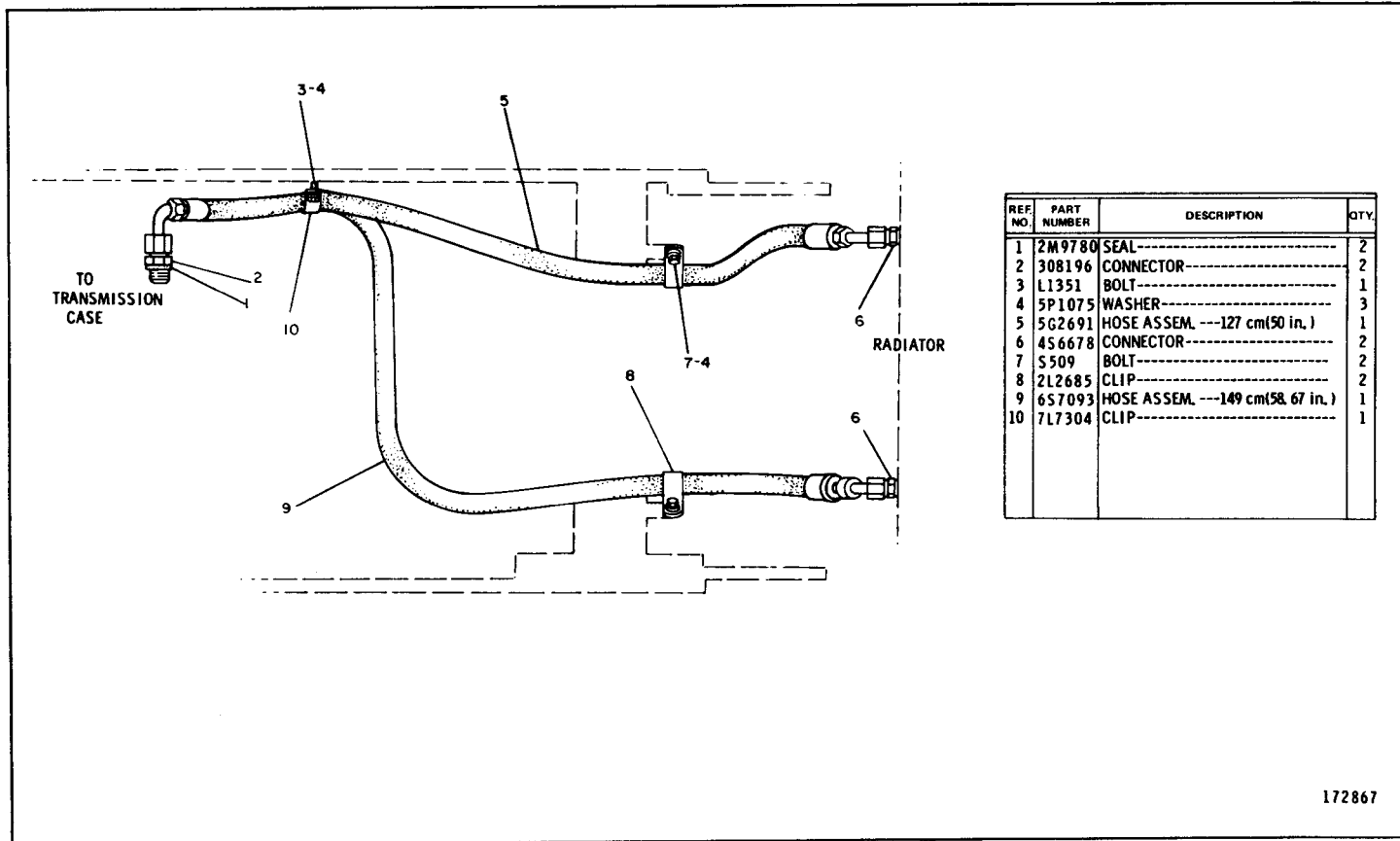
4N175 ENGINE OIL COOLER GROUP
 Engine Serial No. 45V21898 to 45V32893



4N188 WATER LINES GROUP
Engine Serial No. 45V31669—Up

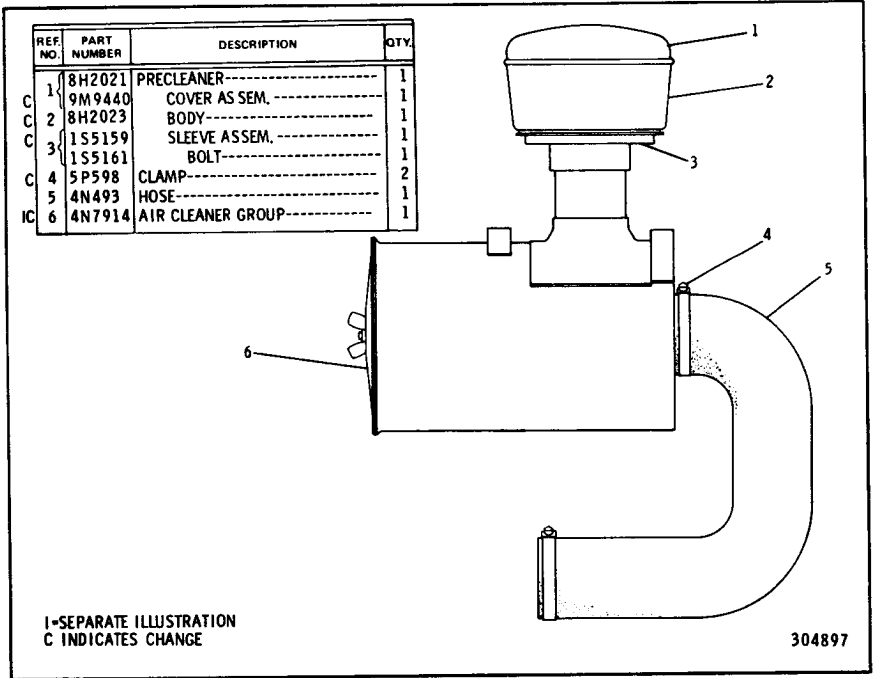


1N4903 ENGINE OIL COOLER GROUP
Engine Serial No. 45V32894—Up

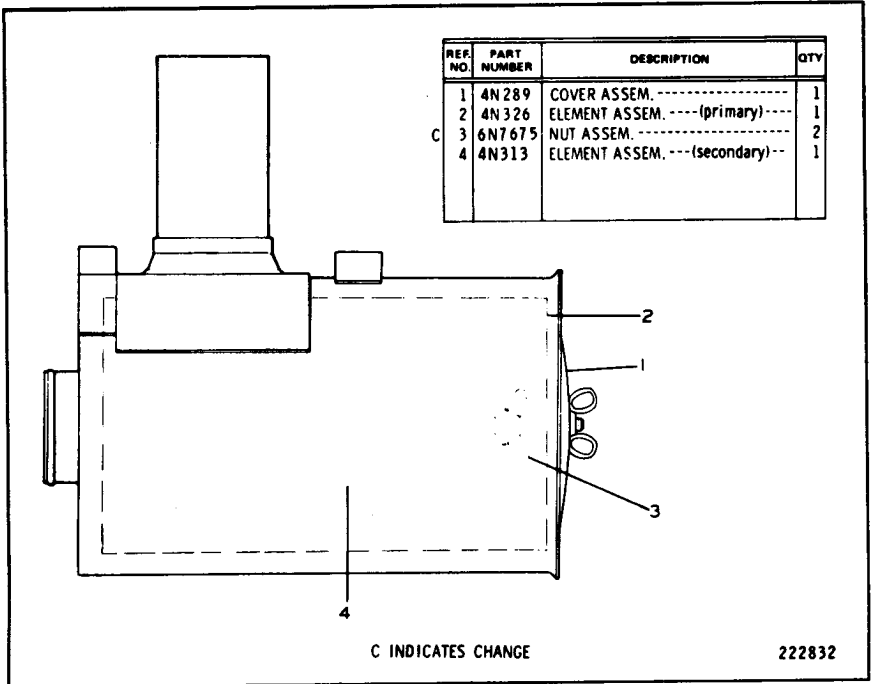


172867

5G2690 TORQUE CONVERTER COOLER LINES GROUP

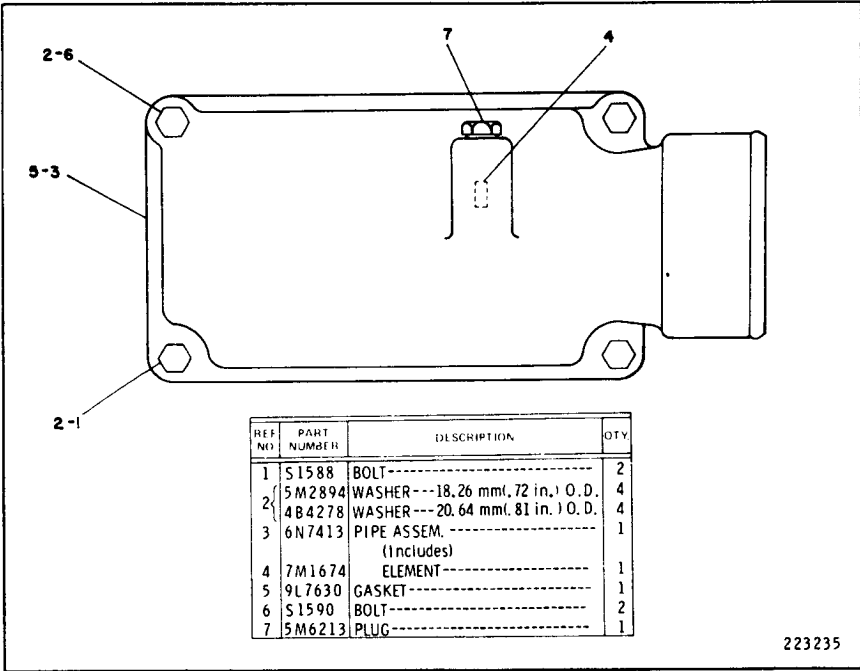


4N307 AIR CLEANER GROUP

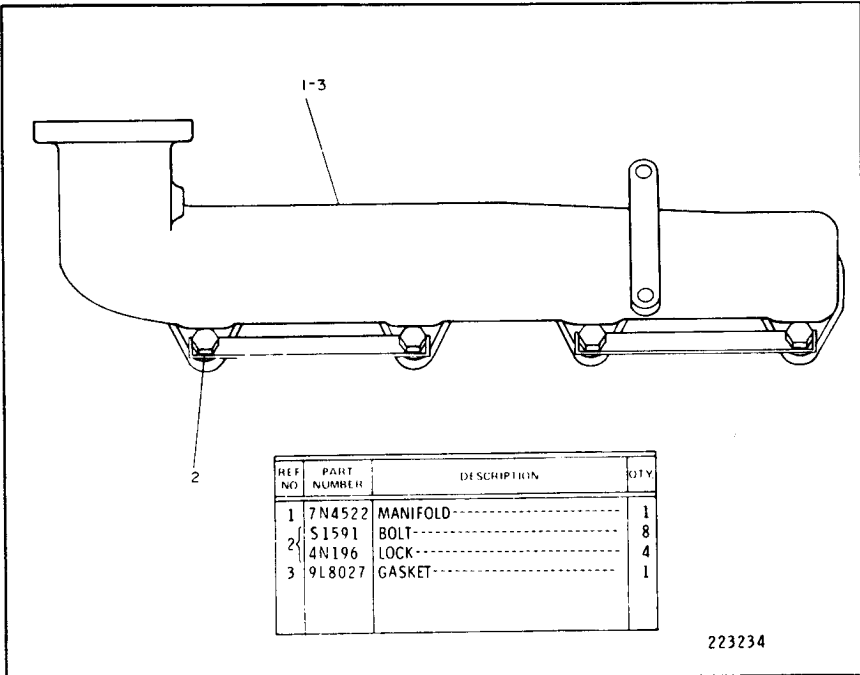


4N7914 AIR CLEANER GROUP
Part of 4N307 Air Cleaner Group

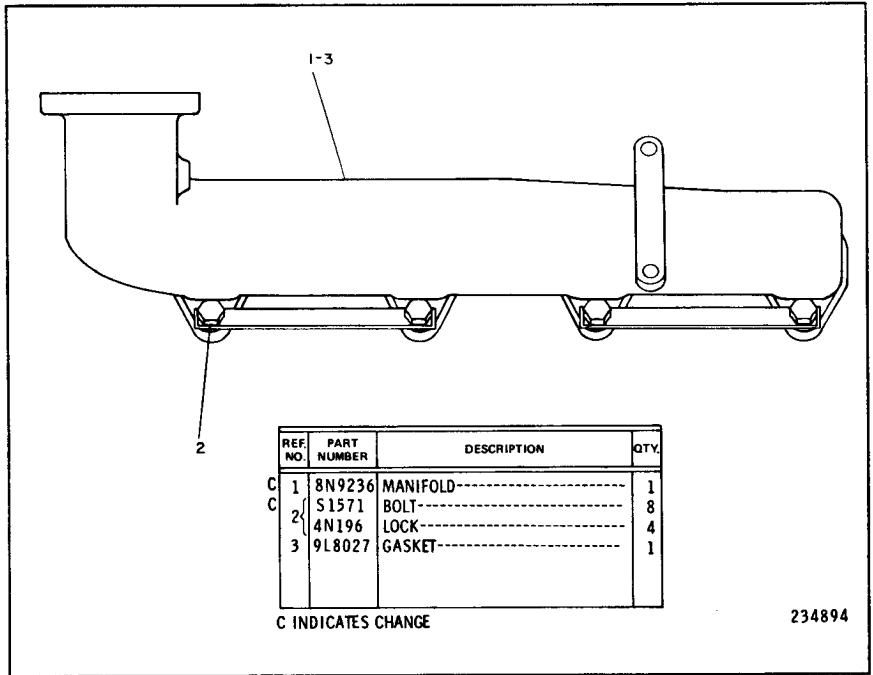
CATERPILLAR D3B TRACTOR



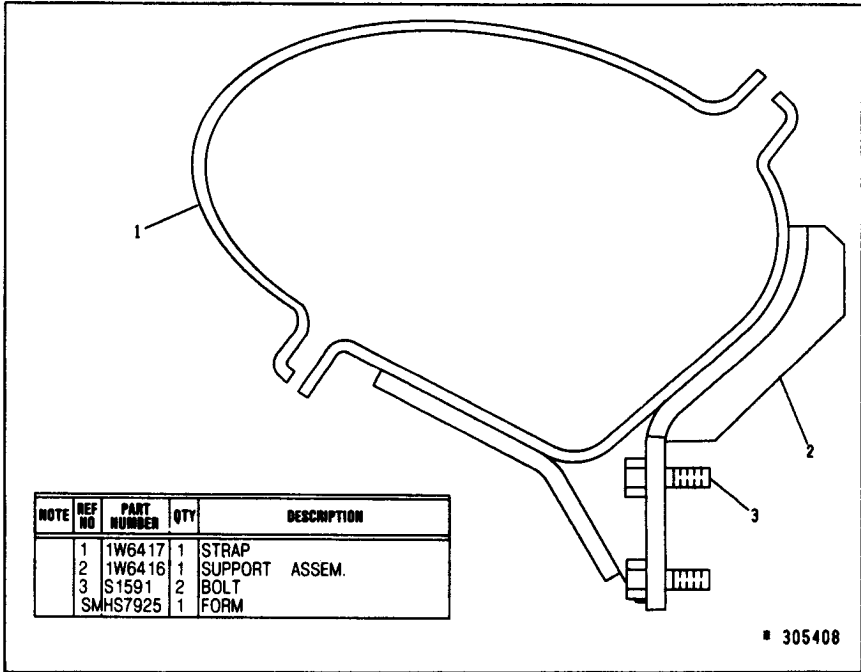
7N6002 AIR LINES GROUP



7N4971 EXHAUST MANIFOLD GROUP Engine Serial No. 45V21898 to 45V29947 Inclusive



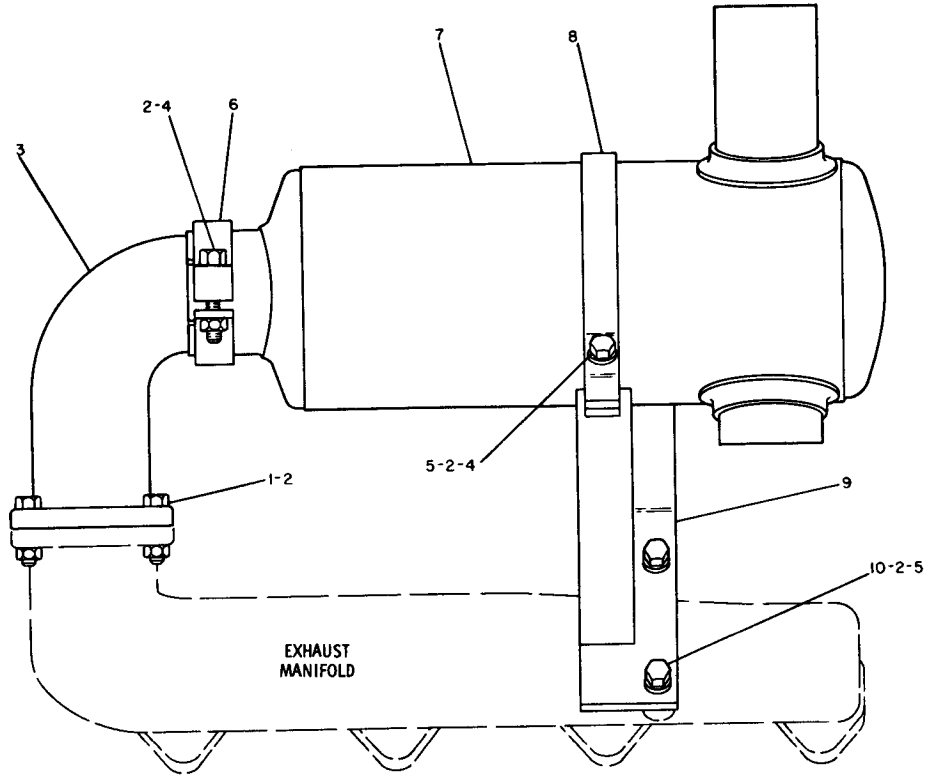
7N4971 EXHAUST MANIFOLD GROUP
 Engine Serial No. 45V29948—Up



1W7772 MUFFLER SUPPORT GROUP

Provides Field Replacement for 7N997 Muffler Support Assembly shown on Page 27B

7N4970 MUFFLER GROUP

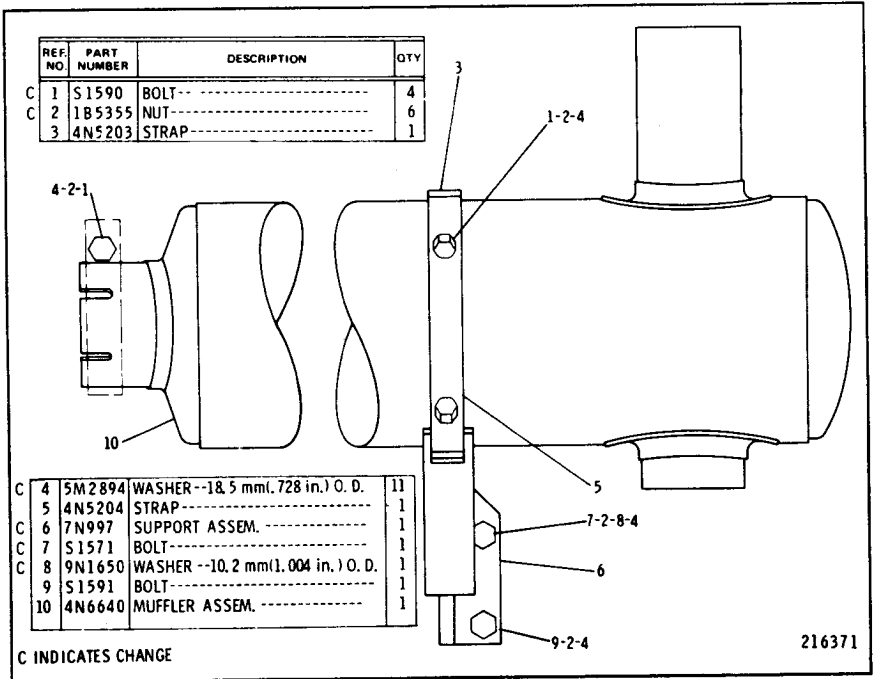


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	S1591	BOLT-----	4
2	1B5355	NUT-----	9
3	4N219	ELBOW-----	1
4	S1590	BOLT-----	3
5	5M2894	WASHER-----	6
6	2F5152	CLAMP-----	1
7	7N4674	MUFFLER ASSEM.-----	1
8	7N4516	STRAP-----	1
9	7N4529	SUPPORT ASSEM.-----	1
10	8M2295	BOLT-----	2

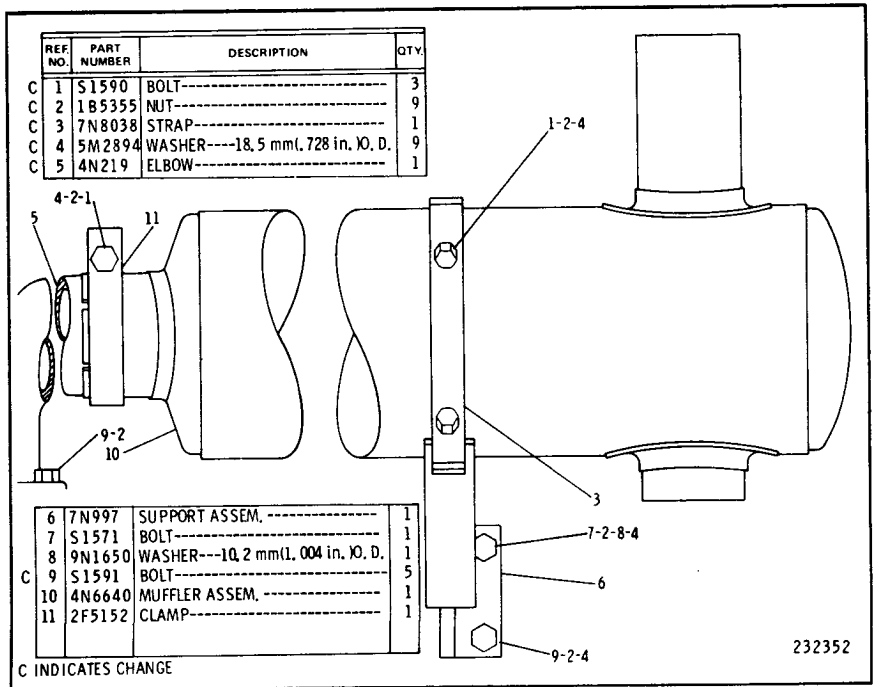
C

C INDICATES CHANGE

175999

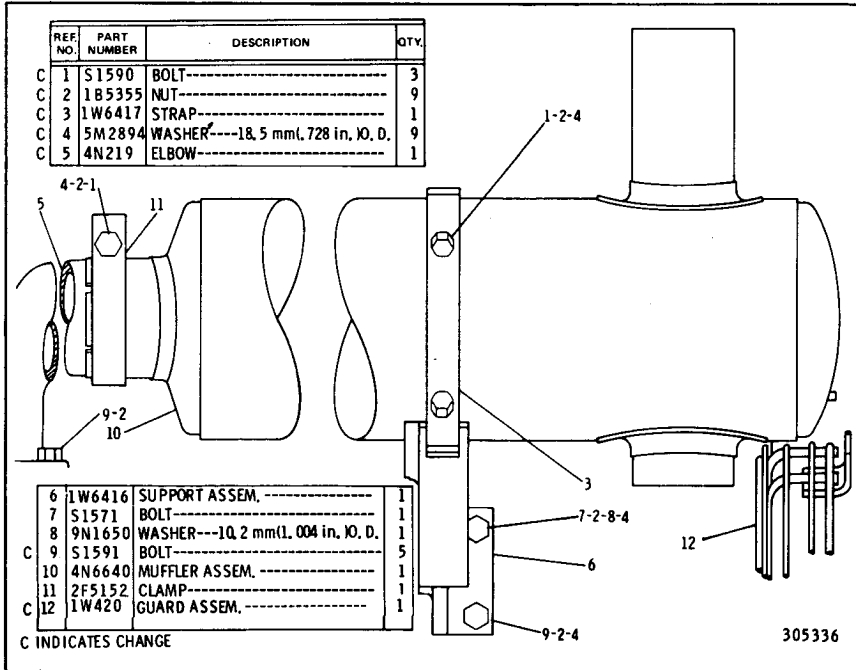


4N5202 MUFFLER GROUP—Type 1
 Part of 5G2355 Sound Suppression Arrangement listed on Page 213
 AN ATTACHMENT

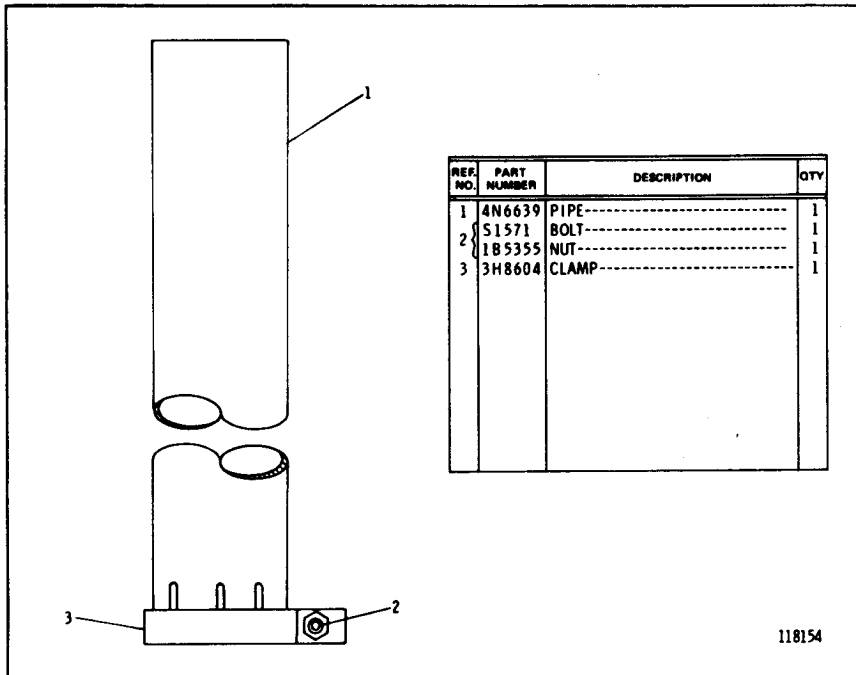


4N5202 MUFFLER GROUP—Type 2
 Part of 5G2355 Sound Suppression Arrangement listed on Page 213
 AN ATTACHMENT

CATERPILLAR D3B TRACTOR

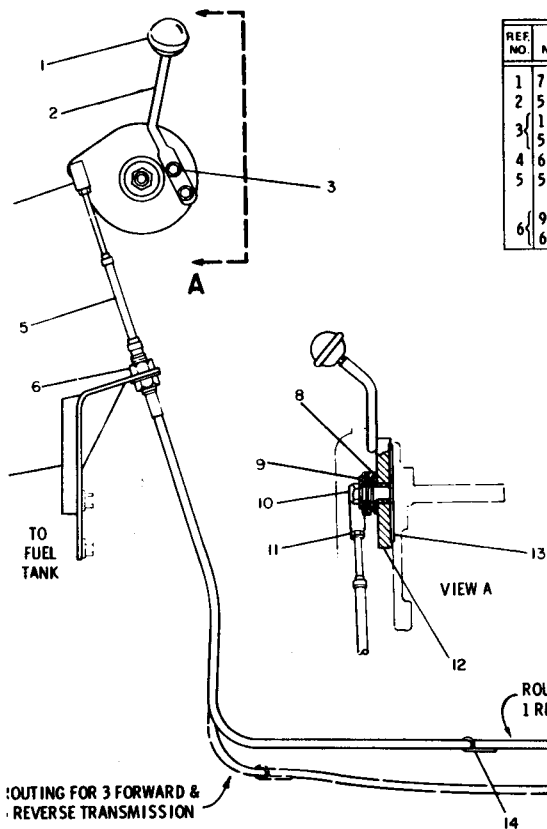


4N5202 MUFFLER GROUP—Type 3
Part of 5G2355 Sound Suppression Arrangement listed on Page 213
AN ATTACHMENT



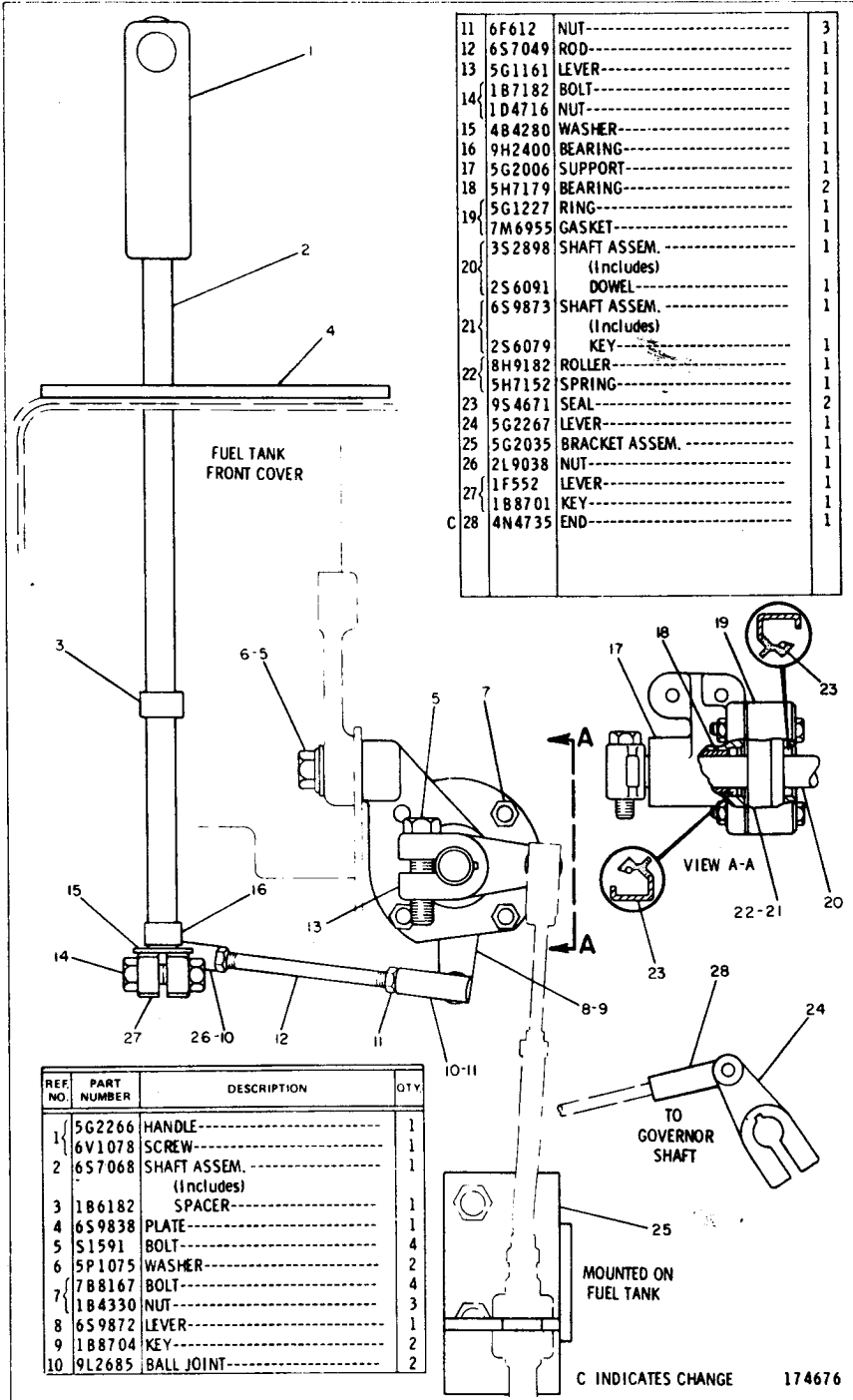
4N312 EXHAUST EXTENSION GROUP

6S8967 GOVERNOR CONTROL GROUP



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	7F8092	KNOB-----	1
2	5G865	ROD-----	1
3	1A2343	BOLT-----	2
4	5P4116	WASHER-----	2
5	6S7940	BALLJOINT ASSEM.-----	1
5	5G2315	CABLE ASSEM.-----	1
6	9S1354	NUT-----	4
6	6F253	WASHER-----	2

7	5G1142	BRACKET ASSEM.-----	1
8	6S3859	WASHER-----	1
8	5D998	SPRING-----	8
9	6S3900	SEAT-----	1
9	4B5273	WASHER-----	1
10	2K564	NUT-----	1
11	9M1311	NUT-----	2
11	6S8959	PLATE ASSEM.-----	1
12		(Includes)	
12		BEARING-----	1
12	9M4256	BEARING-----	1
13	5B2551	DISC-----	1
14	9M9840	CLIP-----	1
15	6V1883	GROMMET-----	1
16	L1351	BOLT-----	2
16	5P1075	WASHER-----	2
17	5G2276	PLATE-----	1
18	2M4036	END-----	1
19	2A4133	PIN-----	1
19	3B4607	COTTER-----	1
20	6S3953	LEVER-----	1
20	1B8704	KEY-----	1
21	2A4639	BOLT-----	1
21	1D4717	NUT-----	1

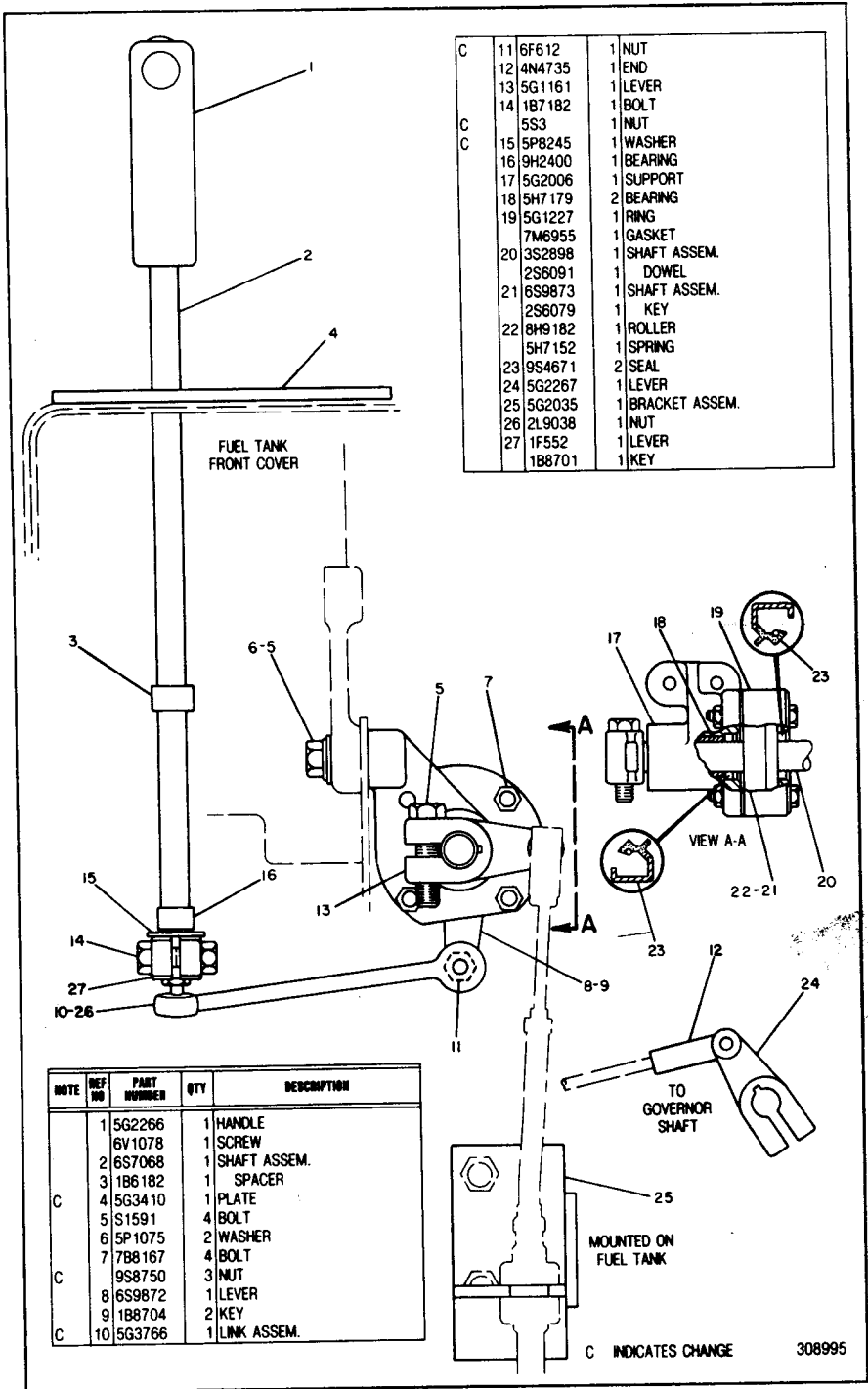


11	6F612	NUT-----	3
12	6S7049	ROD-----	1
13	5G1161	LEVER-----	1
14	1B7182	BOLT-----	1
14	1D4716	NUT-----	1
15	4B4280	WASHER-----	1
16	9H2400	BEARING-----	1
17	5G2006	SUPPORT-----	1
18	5H7179	BEARING-----	2
19	5G1227	RING-----	1
19	7M6955	GASKET-----	1
19	3S2898	SHAFT ASSEM.-----	1
20		(Includes)	
20	2S6091	DOWEL-----	1
20	6S9873	SHAFT ASSEM.-----	1
21		(Includes)	
21	2S6079	KEY-----	1
22	8H9182	ROLLER-----	1
22	5H7152	SPRING-----	1
23	9S4671	SEAL-----	2
24	5G2267	LEVER-----	1
25	5G2035	BRACKET ASSEM.-----	1
26	2L9038	NUT-----	1
27	1F552	LEVER-----	1
27	1B8701	KEY-----	1
C 28	4N4735	END-----	1

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G2266	HANDLE-----	1
1	6V1078	SCREW-----	1
2	6S7068	SHAFT ASSEM.----- (Includes)	1
3	1B6182	SPACER-----	1
4	6S9838	PLATE-----	1
5	S1591	BOLT-----	4
6	5P1075	WASHER-----	2
7	7B8167	BOLT-----	4
7	1B4330	NUT-----	3
8	6S9872	LEVER-----	1
9	1B8704	KEY-----	2
10	9L2685	BALL JOINT-----	2

C INDICATES CHANGE 174676

6S9977 GOVERNOR AND TRANSMISSION CONTROL GROUP—Type 1 AN ATTACHMENT

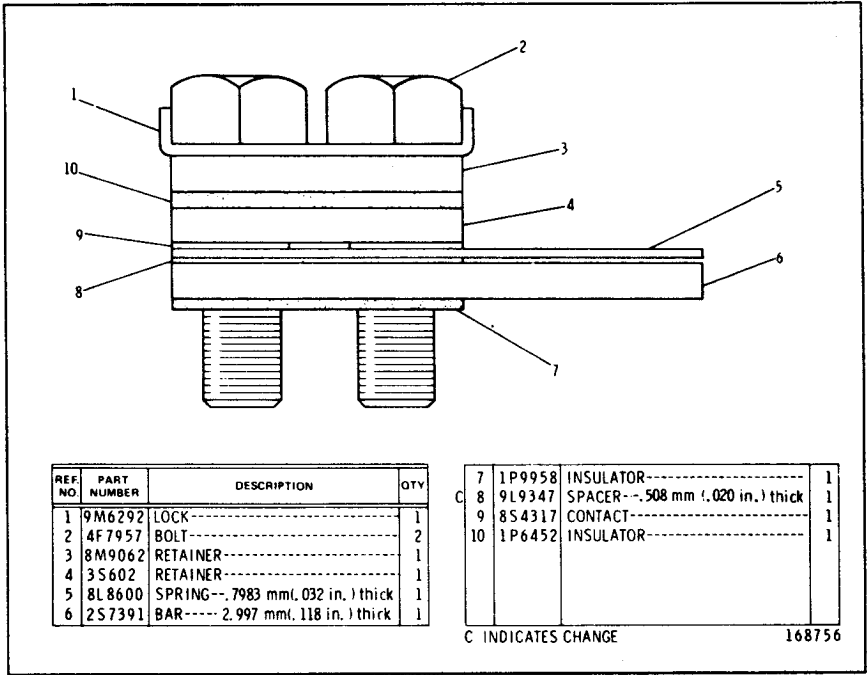


C	11	6F612	1	NUT
	12	4N4735	1	END
	13	5G1161	1	LEVER
	14	1B7182	1	BOLT
C		5S3	1	NUT
C	15	5P8245	1	WASHER
	16	9H2400	1	BEARING
	17	5G2006	1	SUPPORT
	18	5H7179	2	BEARING
	19	5G1227	1	RING
		7M6955	1	GASKET
	20	3S2898	1	SHAFT ASSEM.
		2S6091	1	DOWEL
	21	6S9873	1	SHAFT ASSEM.
		2S6079	1	KEY
	22	8H9182	1	ROLLER
		5H7152	1	SPRING
	23	9S4671	2	SEAL
	24	5G2267	1	LEVER
	25	5G2035	1	BRACKET ASSEM.
	26	2L9038	1	NUT
	27	1F552	1	LEVER
		1B8701	1	KEY

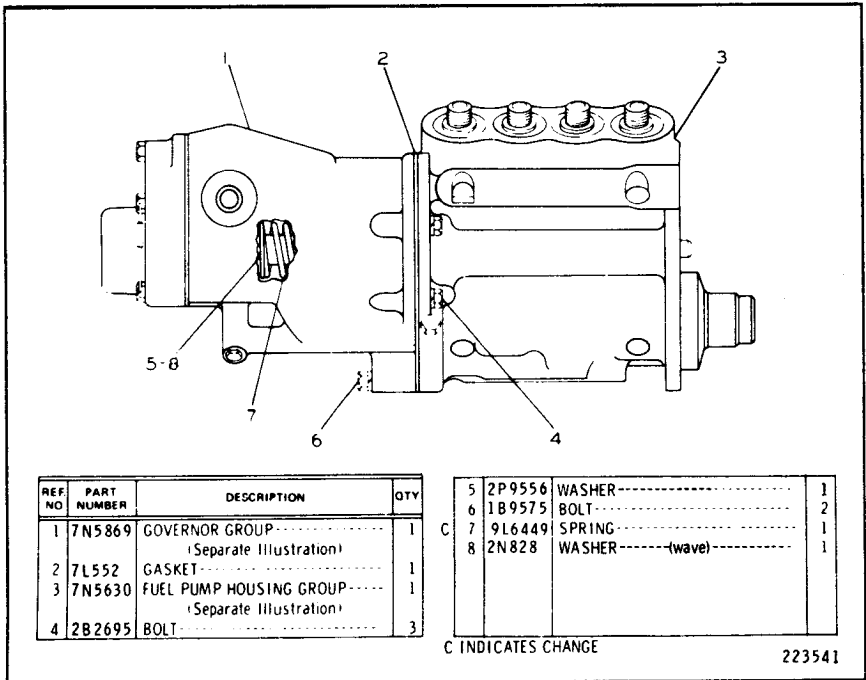
NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	5G2266	1	HANDLE
		6V1078	1	SCREW
	2	6S7068	1	SHAFT ASSEM.
	3	1B6182	1	SPACER
C	4	5G3410	1	PLATE
	5	S1591	4	BOLT
	6	5P1075	2	WASHER
	7	7B8167	4	BOLT
C		9S8750	3	NUT
	8	6S9872	1	LEVER
	9	1B8704	2	KEY
C	10	5G3766	1	LINK ASSEM.

C INDICATES CHANGE 308995

6S9977 GOVERNOR AND TRANSMISSION CONTROL GROUP—Type 2 AN ATTACHMENT

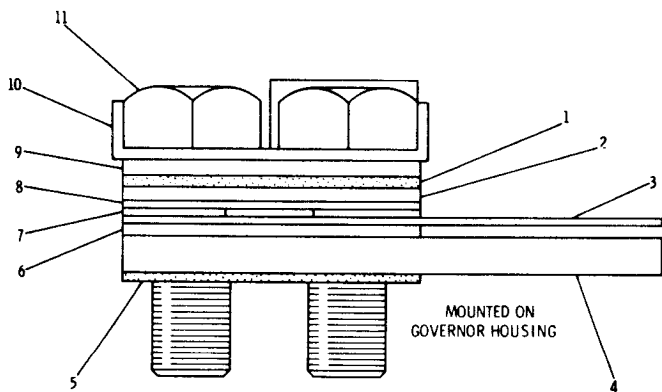


7N5716 TORQUE CONTROL GROUP
 Engine Serial No. 45V21898 to 45V25163 & 45V32894—Up
 Also part of 8N4751 Governor Injection Pump Group shown on Page 31B



7N4675 GOVERNOR AND FUEL INJECTION PUMP GROUP—Type 1
 Engine Serial No. 45V21898 to 45V32893 inclusive
 7N5869 Governor and 7N5630 Pump parts are shown on Pages 32, 33 and 34

CATERPILLAR D3B TRACTOR



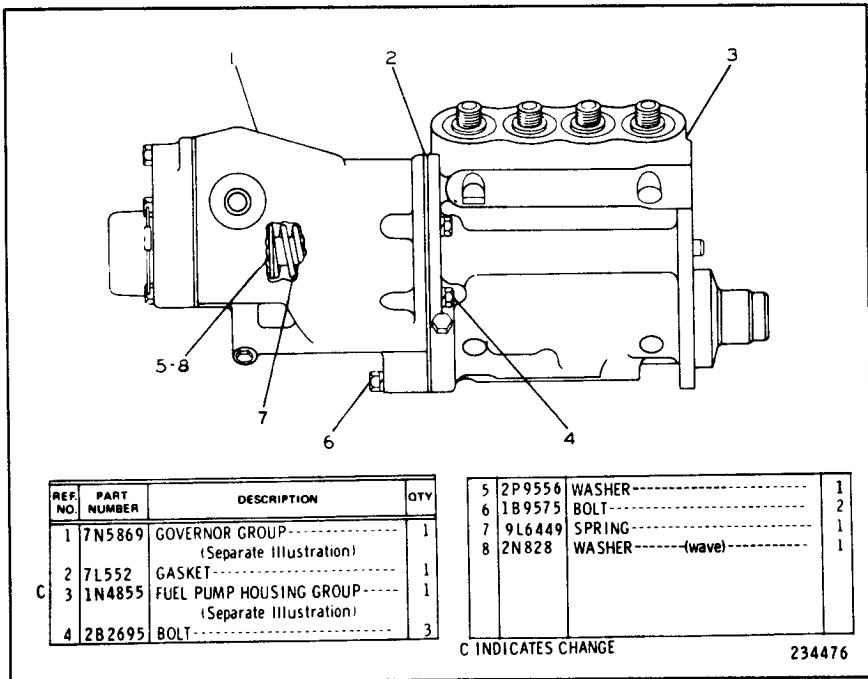
MOUNTED ON GOVERNOR HOUSING

REF NO	PART NUMBER	DESCRIPTION	QTY
C 1	1P6452	INSULATOR-----	1
2	3S602	RETAINER-----	1
3	8L8600	SPRING-----	1
4	2S7391	BAR-----	1
C 5	1P9958	INSULATOR-----	1
C 6	9L3626	SPACER-----	1

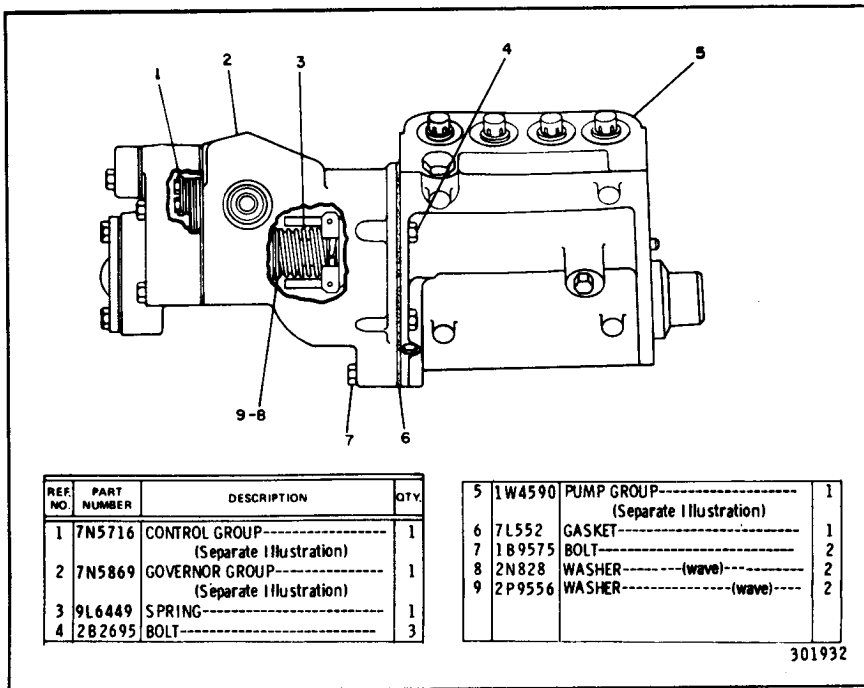
C 7	8S4317	CONTACT-----	1
8	9L7235	SHIM-----	1
C 9	8M9062	RETAINER-----	1
10	9L6292	LOCK-----	1
C 11	4F7957	BOLT-----	2

159541

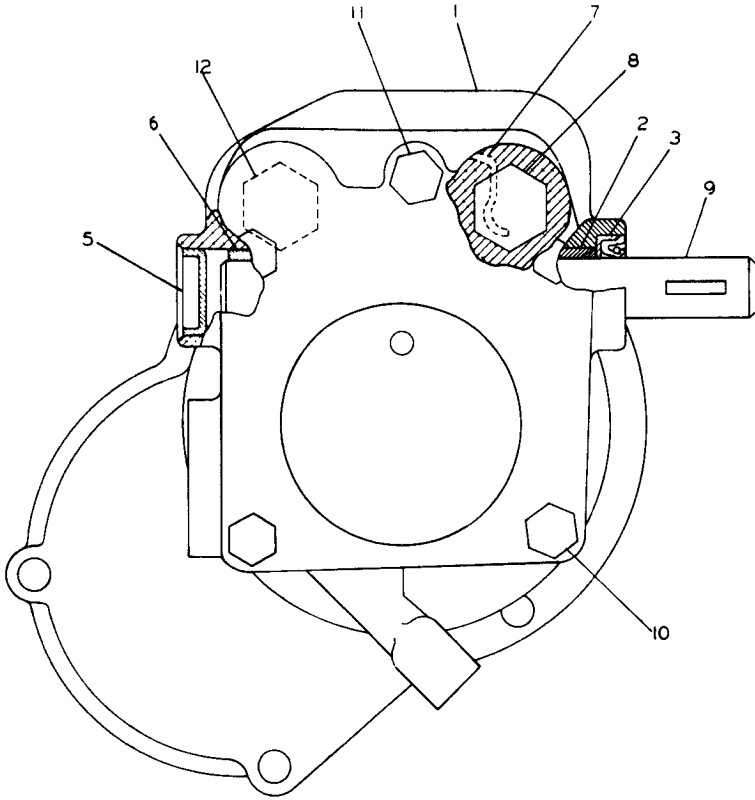
9L4598 TORQUE CONTROL GROUP
 Engine Serial No. 45V25164 to 45V32893 inclusive



7N4675 GOVERNOR AND FUEL INJECTION PUMP GROUP—Type 2
 Engine Serial No. 45V21898 to 45V32893 inclusive
 7N5869 Governor and 1N4855 Pump parts are shown on Pages 32, 33, 34A & 34B



8N4751 GOVERNOR AND FUEL INJECTION PUMP GROUP
 Engine Serial No. 45V32894—Up. 7N5716 Torque Control, 7N5869 Governor and 1W4590 Pump parts are shown on Pages 31, 32, 33, 33A, 33B, 33C, 33D and 34C

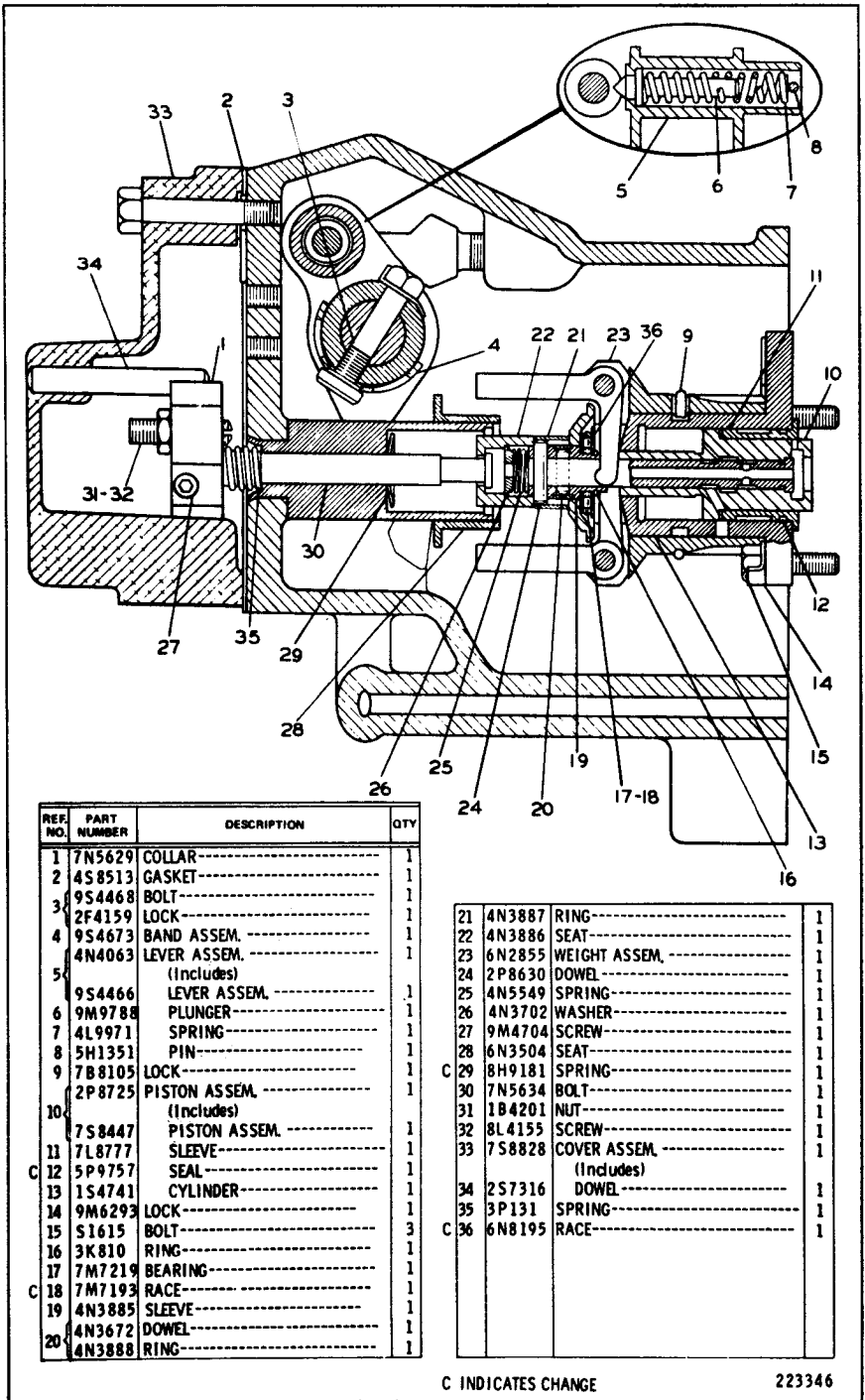


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4N4573	HOUSING ASSEM. ----- (Includes)	1
2	9S798	BEARING-----	4
3	9S4671	SEAL-----	1
5	4F4585	PLUG-----	1
6	8S134	BEARING-----	1
7	5S1221	SPRING-----	1

8	7S9331	SCREW----- (high idle)-----	1
9	9M4789	SHAFT-----	1
10	6H5636	BOLT----- (drilled)-----	2
11	1B2790	BOLT----- (plain)-----	3
12	8S8950	SCREW----- (low idle)-----	1

216704

7N5869 GOVERNOR GROUP—Part 1—Type 1
 Part of 7N4675 Governor and Fuel Injection Pump Group shown on Pages 31 & 31B



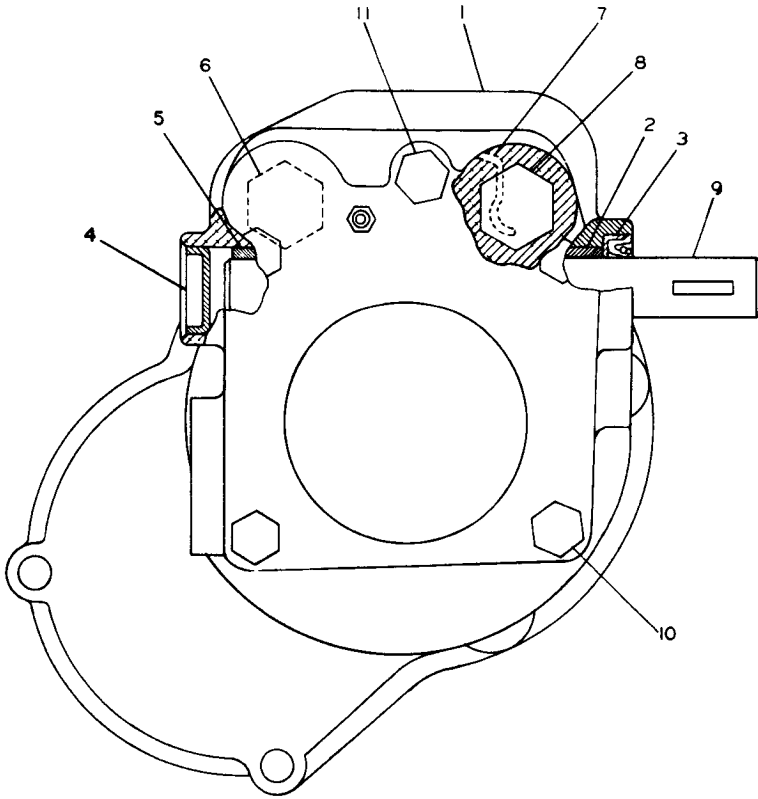
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	7N5629	COLLAR-----	1
2	4S8513	GASKET-----	1
3	9S4468	BOLT-----	1
3	2F4159	LOCK-----	1
4	9S4673	BAND ASSEM.-----	1
4	4N4063	LEVER ASSEM.-----	1
5	9S4466	LEVER ASSEM.-----	1
5		(Includes)	
6	9M9788	PLUNGER-----	1
7	4L9971	SPRING-----	1
8	5H1351	PIN-----	1
9	7B8105	LOCK-----	1
9	2P8725	PISTON ASSEM.-----	1
10	7S8447	PISTON ASSEM.-----	1
10		(Includes)	
11	7L8777	SLEEVE-----	1
C 12	5P9757	SEAL-----	1
13	1S4741	CYLINDER-----	1
14	9M6293	LOCK-----	1
15	S1615	BOLT-----	3
16	3K810	RING-----	1
17	7M7219	BEARING-----	1
C 18	7M7193	RACE-----	1
19	4N3885	SLEEVE-----	1
20	4N3672	DOWEL-----	1
20	4N3888	RING-----	1

21	4N3887	RING-----	1
22	4N3886	SEAT-----	1
23	6N2855	WEIGHT ASSEM.-----	1
24	2P8630	DOWEL-----	1
25	4N5549	SPRING-----	1
26	4N3702	WASHER-----	1
27	9M4704	SCREW-----	1
28	6N3504	SEAT-----	1
C 29	8H9181	SPRING-----	1
30	7N5634	BOLT-----	1
31	1B4201	NUT-----	1
32	8L4155	SCREW-----	1
33	7S8828	COVER ASSEM.-----	1
		(Includes)	
34	2S7316	DOWEL-----	1
35	3P131	SPRING-----	1
C 36	6N8195	RACE-----	1

C INDICATES CHANGE

223346

7N5869 GOVERNOR GROUP—Part 2—Type 1
 Part of 7N4675 Governor and Fuel Injection Pump Group shown on Pages 31 & 31B



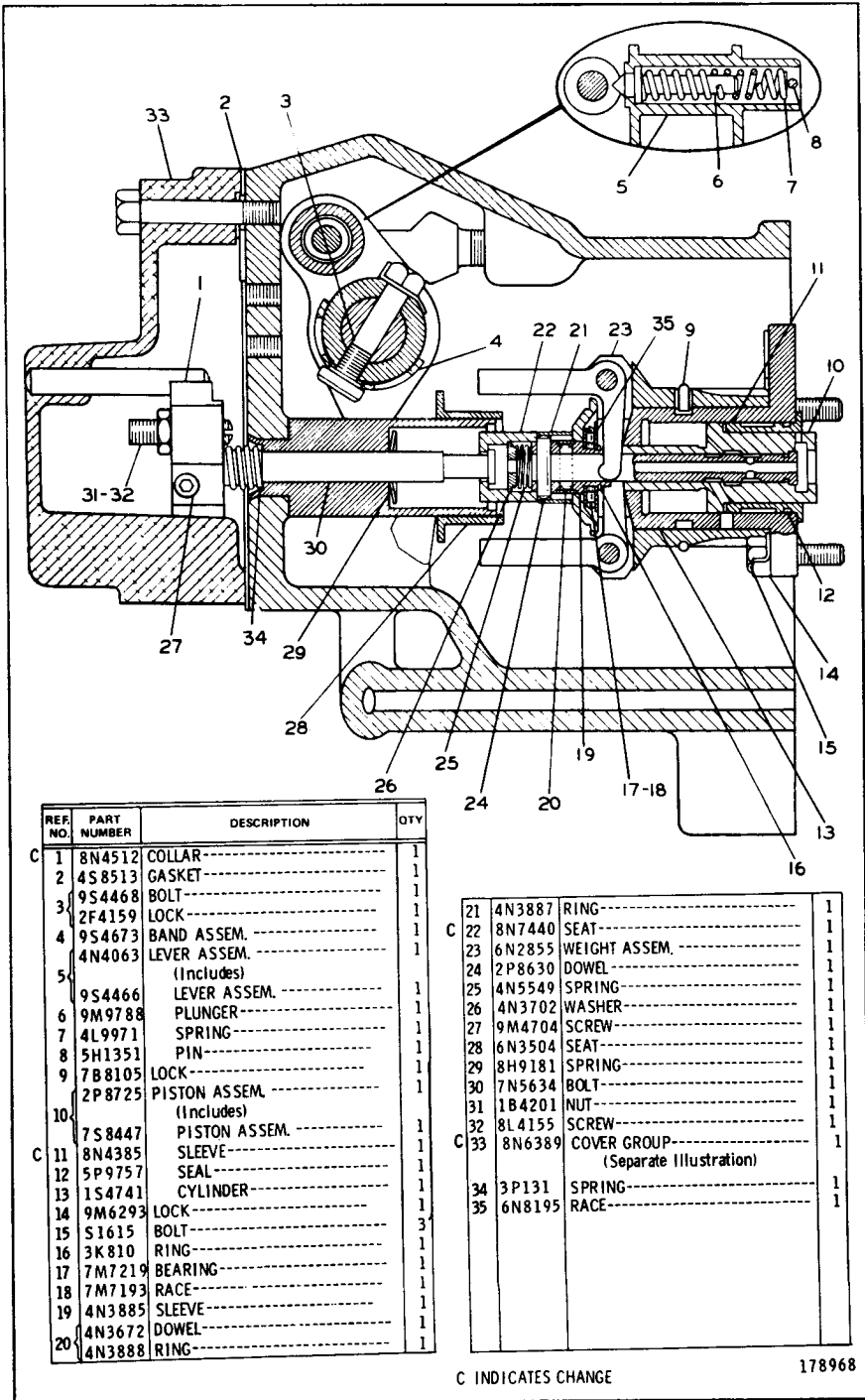
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
C	8N3268	HOUSING ASSEM.-----	1
1		(Includes)	
	4N4572	GUIDE-----	1
2	9S798	BEARING-----	4
3	5P3272	SEAL-----	1
4	4F4585	PLUG-----	1
5	8S134	BEARING-----	1
6	8S8950	SCREW----- (low idle)-----	1
7	5S1221	SPRING-----	1

C INDICATES CHANGE

8	7S9331	SCREW----- (high idle)-----	1
9	9M4789	SHAFT-----	1
10	6H5636	BOLT----- (drilled)-----	2
11	1B2790	BOLT----- (plain)-----	3

178967

7N5869 GOVERNOR GROUP—Part 1—Type 2
 Part of 7N4875 Governor and Fuel Injection Pump Group shown on Pages 31 & 31B



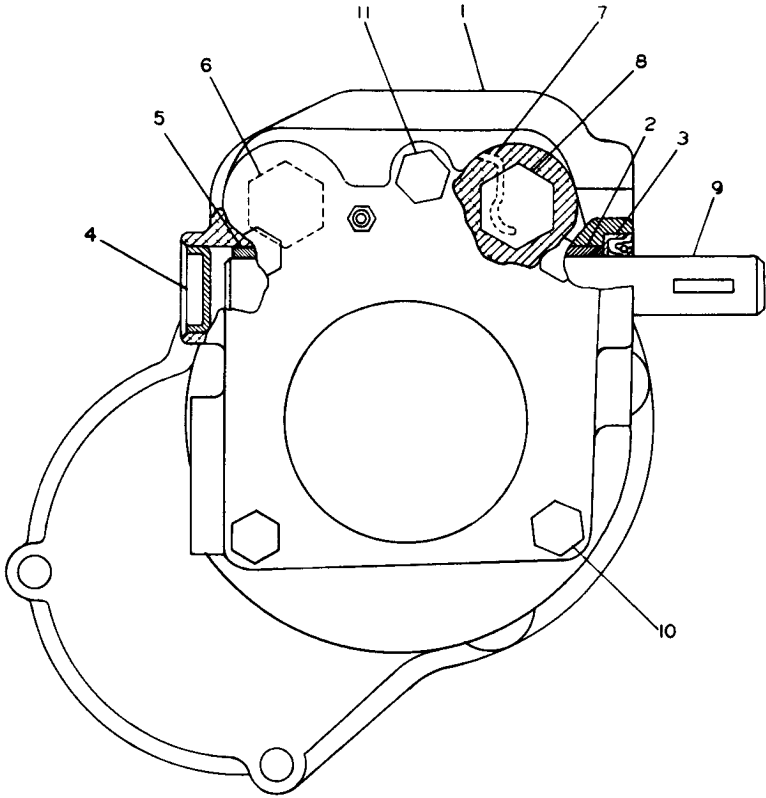
REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	8N4512	COLLAR	1
2	4S8513	GASKET	1
	9S4468	BOLT	1
3	2F4159	LOCK	1
4	9S4673	BAND ASSEM.	1
	4N4063	LEVER ASSEM.	1
5		(Includes)	
	9S4466	LEVER ASSEM.	1
6	9M9788	PLUNGER	1
7	4L9971	SPRING	1
8	5H1351	PIN	1
9	7B8105	LOCK	1
	2P8725	PISTON ASSEM.	1
10		(Includes)	
	7S8447	PISTON ASSEM.	1
C 11	8N4385	SLEEVE	1
12	5P9757	SEAL	1
13	1S4741	CYLINDER	1
14	9M6293	LOCK	1
15	S1615	BOLT	3
16	3K810	RING	1
17	7M7219	BEARING	1
18	7M7193	RACE	1
19	4N3885	SLEEVE	1
	4N3672	DOWEL	1
20	4N3888	RING	1

21	4N3887	RING	1
22	8N7440	SEAT	1
23	6N2855	WEIGHT ASSEM.	1
24	2P8630	DOWEL	1
25	4N5549	SPRING	1
26	4N3702	WASHER	1
27	9M4704	SCREW	1
28	6N3504	SEAT	1
29	8H9181	SPRING	1
30	7N5634	BOLT	1
31	1B4201	NUT	1
32	8L4155	SCREW	1
C 33	8N6389	COVER GROUP (Separate Illustration)	1
34	3P131	SPRING	1
35	6N8195	RACE	1

C INDICATES CHANGE

178968

7N5889 GOVERNOR GROUP—Part 2—Type 2
 Part of 7N4675 Governor and Fuel Injection Pump Group shown on Pages 31 & 31B
 8N6389 Cover parts are shown on Page 33F



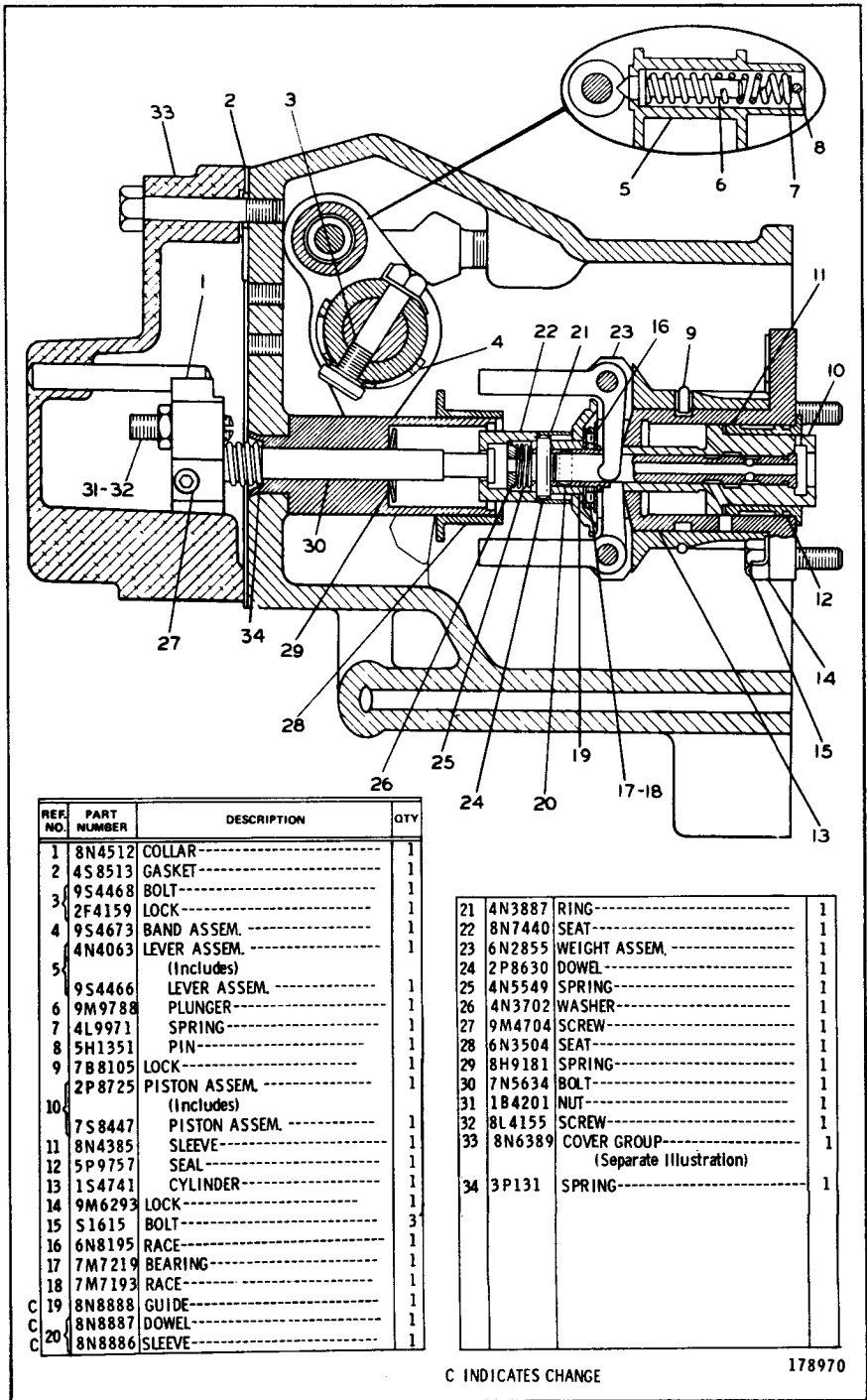
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	8N3268	HOUSING ASSEM.-----	1
		(Includes)	
	4N4572	GUIDE-----	1
2	9S798	BEARING-----	4
3	5P3272	SEAL-----	1
4	4F4585	PLUG-----	1
5	8S134	BEARING-----	1
6	8S8950	SCREW----- (low idle)-----	1
7	5S1221	SPRING-----	1

8	7S9331	SCREW----- (high idle)-----	1
9	9M4789	SHAFT-----	1
10	6H5636	BOLT----- (drilled)-----	2
11	1B2790	BOLT----- (plain)-----	3

178969

7N5869 GOVERNOR GROUP—Part 1—Type 3

Part of 7N4675 Governor and Fuel Injection Pump Group shown on Pages 31 & 31B



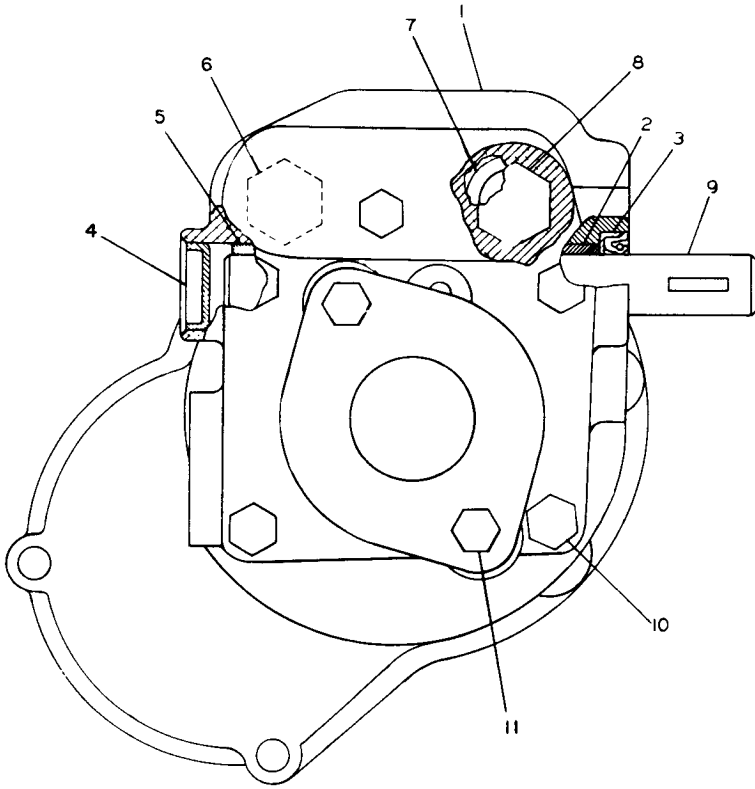
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8N4512	COLLAR-----	1
2	4S8513	GASKET-----	1
3	9S4468	BOLT-----	1
	2F4159	LOCK-----	1
4	9S4673	BAND ASSEM.-----	1
	4N4063	LEVER ASSEM.-----	1
5		(Includes)	
	9S4466	LEVER ASSEM.-----	1
6	9M9788	PLUNGER-----	1
7	4L9971	SPRING-----	1
8	5H1351	PIN-----	1
9	7B8105	LOCK-----	1
	2P8725	PISTON ASSEM.-----	1
10		(Includes)	
	7S8447	PISTON ASSEM.-----	1
11	8N4385	SLEEVE-----	1
12	5P9757	SEAL-----	1
13	1S4741	CYLINDER-----	1
14	9M6293	LOCK-----	1
15	S1615	BOLT-----	3
16	6N8195	RACE-----	1
17	7M7219	BEARING-----	1
18	7M7193	RACE-----	1
19	8N8888	GUIDE-----	1
C	8N8887	DOWEL-----	1
C	8N8886	SLEEVE-----	1

21	4N3887	RING-----	1
22	8N7440	SEAT-----	1
23	6N2855	WEIGHT ASSEM.-----	1
24	2P8630	DOWEL-----	1
25	4N5549	SPRING-----	1
26	4N3702	WASHER-----	1
27	9M4704	SCREW-----	1
28	6N3504	SEAT-----	1
29	8H9181	SPRING-----	1
30	7N5634	BOLT-----	1
31	1B4201	NUT-----	1
32	8L4155	SCREW-----	1
33	8N6389	COVER GROUP-----	1
		(Separate Illustration)	
34	3P131	SPRING-----	1

C INDICATES CHANGE

178970

7N5869 GOVERNOR GROUP—Part 2—Type 3
 Part of 7N4675 Governor and Fuel Injection Pump Group shown on Pages 31 & 31B
 8N6389 Cover parts are shown on Page 33F



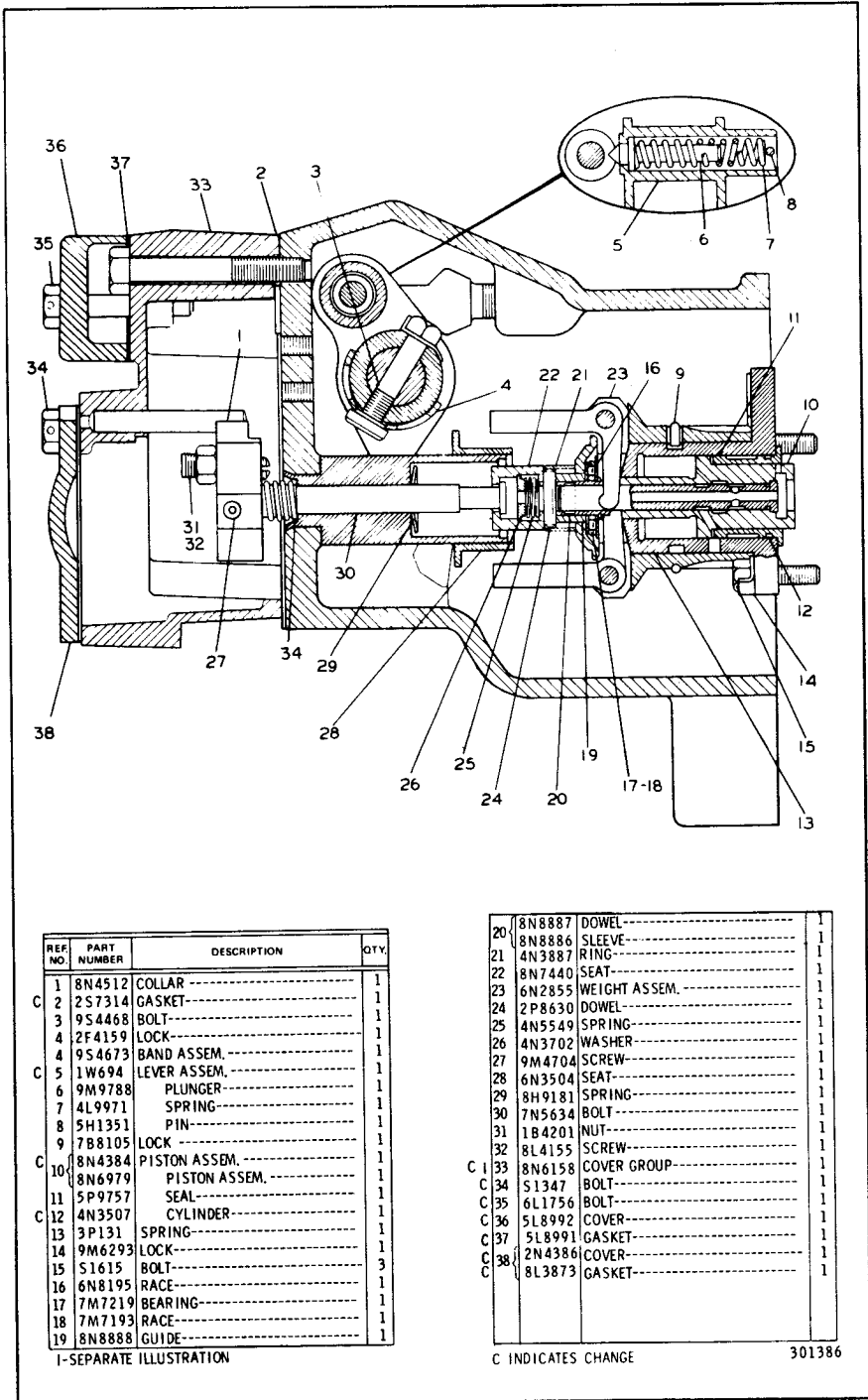
REF NO	PART NUMBER	DESCRIPTION	QTY.
1	8N3268	HOUSING ASSEM.----- (Includes)	1
	4N4572	GUIDE-----	1
2	9S798	BEARING-----	4
3	5P3272	SEAL-----	1
4	4F4585	PLUG-----	1
5	8S134	BEARING-----	1
C 6	8S8952	SCREW----- (low idle)-----	1
C 7	2J157	SEAL-----	2

C 8	7N8915	SCREW----- (high idle)-----	1
9	9M4789	SHAFT-----	1
C 10	2B2694	BOLT-----	5
C 11	2A762	BOLT-----	1

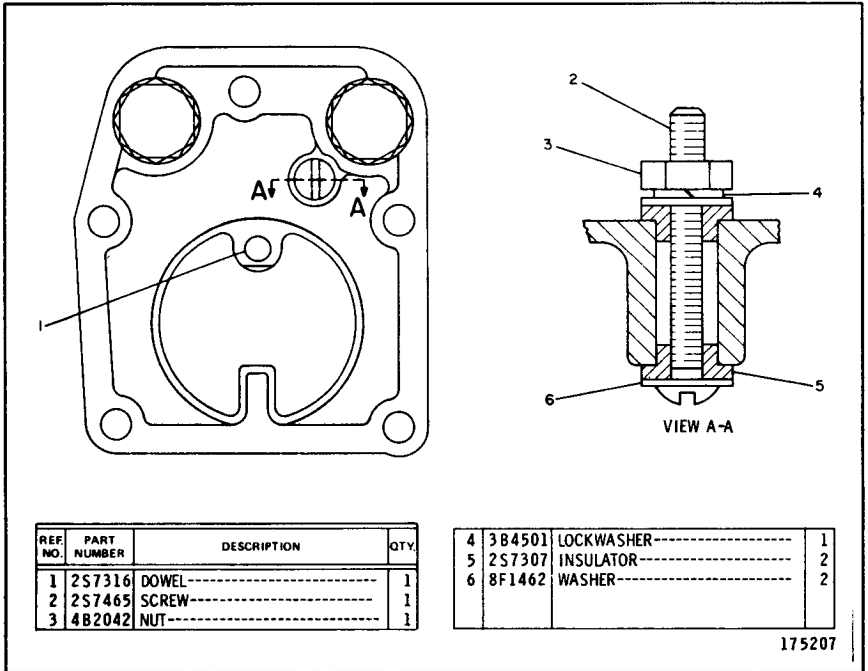
C INDICATES CHANGE

301385

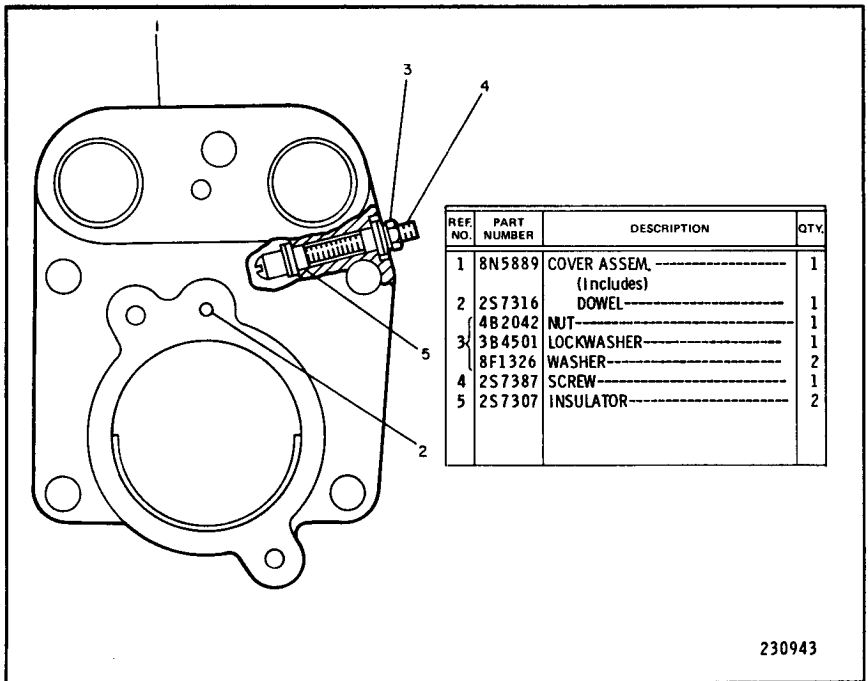
7N5869 GOVERNOR GROUP—Part 1—Type 4
Part of 7N4675 Governor and Fuel Injection Pump Group shown on Pages 31 & 31B



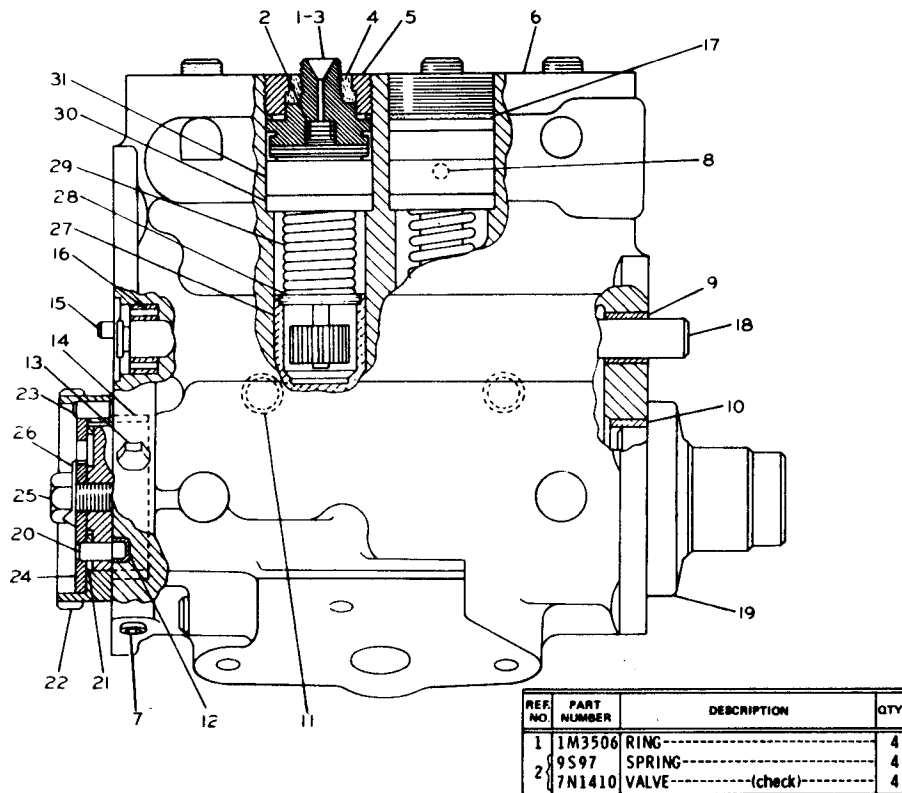
7N5869 GOVERNOR GROUP—Part 2—Type 4
 Part of 7N4675 Governor and Fuel Injection Pump Group shown on Pages 31 & 31B
 8N6158 Cover parts are shown on Page 33F



8N6389 GOVERNOR COVER GROUP
Part of 7N5869 Governor Group shown on Pages 33B and 33D



8N6158 GOVERNOR COVER GROUP
Part of 7N5869 Governor Group shown on Page 33E-1

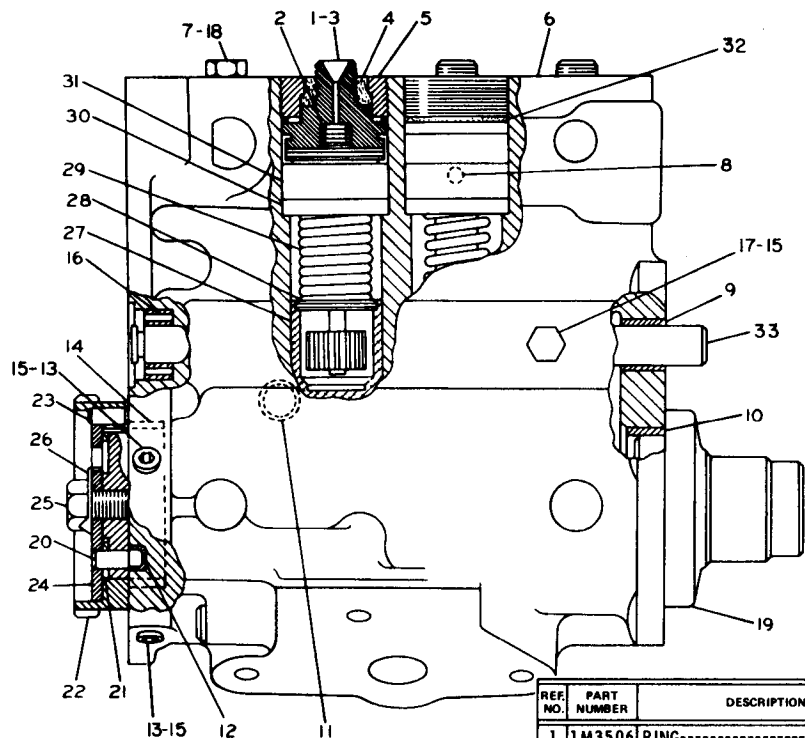


3	7N5728	BONNET-----	4
4	8H9204	WASHER-----	4
5	2M4314	BUSHING-----	4
6	3N3386	HOUSING ASSEM.-----	1
7	3D4603	PLUG-----	1
8	1P234	DOWEL-----	4
	1P232	BALL-----	1
9	9S4160	BEARING-----	1
10	8H9302	BEARING-----	1
11	4M1474	PIN-----	2
12	2A3746	PLUG-----	1
13	2S7905	PLUG-----	2
14	2M8603	BEARING-----	1
15	4F6024	DOWEL-----	2
16	1S1953	BEARING-----	1
17	1M1077	SEAL-----	4
18	3N3385	RACK-----	1
19	7N5152	CAMSHAFT-----	1
20	8H9208	DOWEL-----	1
21	1S214	SPRING-----	1
22	5S5058	GEAR ASSEM. -----(66 teeth)-----	1
23	8H9208	DOWEL-----	1
24	7M5940	PLATE-----	1
25	L472	BOLT-----	1
26	2H3504	LOCK-----	1
27	3S9736	LIFTER ASSEM.-----	4
28	9H5729	WASHER-----	4
29	1S206	SPRING-----	4
	5M2697	SPACER--4.32 mm(.1700 in.) thick	4
	2M4208	SPACER--4.42 mm(.1740 in.) thick	4
	2M4209	SPACER--4.52 mm(.1780 in.) thick	4
	2M4210	SPACER--4.62 mm(.1820 in.) thick	4
	2M4211	SPACER--4.72 mm(.1860 in.) thick	4
	2M4212	SPACER--4.83 mm(.1900 in.) thick	4
	5M2691	SPACER--4.93 mm(.1940 in.) thick	4
	5S7189	SPACER--5.03 mm(.1980 in.) thick	4
	7N7692	PLUNGER & BARREL ASSEM.-----	4
31	8H9299	SCREW-----	1

216706

7N5630 FUEL INJECTION PUMP GROUP
 Engine Serial No. 45V21898 to 45V32893 inclusive
 Part of 7N4675 Governor and Fuel Injection Pump Group shown on Page 31

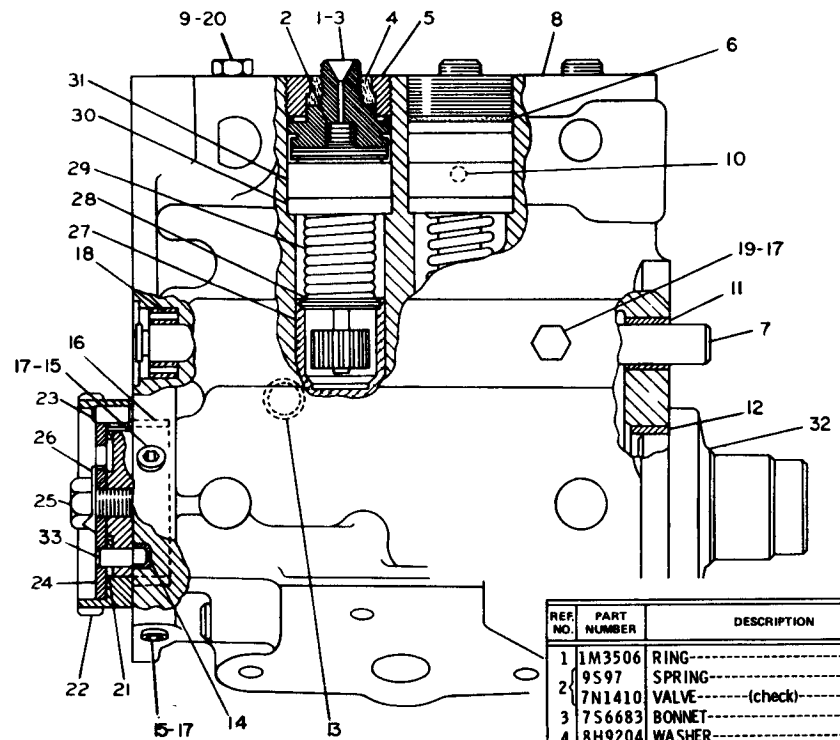
1N4855 FUEL INJECTION PUMP GROUP—Type 1
Engine Serial No. 45V21898 to 45V32893 inclusive
Part of 7N4675 Governor and Fuel Injection Pump Group shown on Page 31B



234393

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	1M3506	RING-----	4
2	9S97	SPRING-----	4
	7N1410	VALVE----- (check)	4
3	7S6683	BONNET-----	4

4	8H9204	WASHER-----	4
5	2M4314	BUSHING-----	4
6	1N4494	HOUSING ASSEM.-----	1
7	3J7354	SEAL-----	1
8	1P234	DOWEL-----	4
	1P232	BALL-----	4
9	9S4160	BEARING-----	1
10	9H1284	BEARING-----	1
11	4M1474	PIN-----	2
12	2A3746	PLUG-----	1
13	9S8001	PLUG-----	2
14	2M8604	BEARING-----	1
15	4J7533	SEAL-----	3
16	1S1953	BEARING-----	1
17	9S4180	PLUG-----	1
18	9S4182	PLUG-----	1
19	7N5638	CAMSHAFT ASSEM.-----	1
	7N5152	CAMSHAFT-----	1
20	8H9208	DOWEL-----	1
21	1S214	SPRING-----	1
22	5S5058	GEAR ASSEM.----- (66 teeth)	1
23	8H9208	DOWEL-----	1
24	7M5940	PLATE-----	1
25	L472	BOLT-----	1
26	2H3504	LOCK-----	1
27	3S9736	LIFTER ASSEM.-----	4
28	9H5729	WASHER-----	4
29	1S206	SPRING-----	4
	5M2697	SPACER--4, 32 mmf. 1700 in. thick	4
	2M4208	SPACER--4, 42mmf. 1740 in. thick	4
	2M4209	SPACER--4, 52 mmf. 1780 in. thick	4
	2M4210	SPACER--4, 62mmf. 1820 in. thick	4
	2M4211	SPACER--4, 72 mmf. 1860 in. thick	4
	2M4212	SPACER--4, 83 mmf. 1900 in. thick	4
	5M2691	SPACER--4, 93mmf. 1940 in. thick	4
	5S7189	SPACER--5, 03 mmf. 1980 in. thick	4
31	7N7692	PLUNGER & BARREL ASSEM.-----	4
	8H9299	SCREW-----	1
32	1M1077	SEAL-----	4
33	8N6334	RACK-----	1



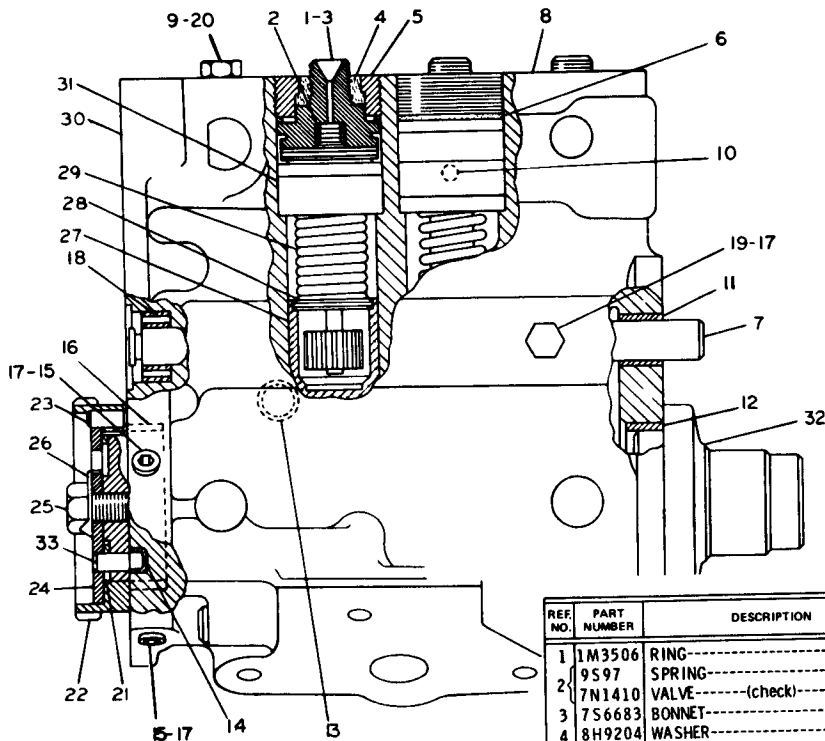
235116

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	1M3506	RING-----	4
2	9S97	SPRING-----	4
	7N1410	VALVE----- (check)	4
	7S6683	BONNET-----	4
4	8H9204	WASHER-----	4
5	2M4314	BUSHING-----	4
6	1M1077	SEAL-----	4
7	8N6334	RACK-----	1

8	1N4494	HOUSING ASSEM.-----	1
9	3J7354	SEAL-----	1
	1P234	DOWEL-----	4
10	1P232	BALL-----	4
11	9S4160	BEARING-----	1
12	9H1284	BEARING-----	1
13	4M1474	PIN-----	2
14	2A3746	PLUG-----	1
15	9S8001	PLUG-----	2
16	2M8604	BEARING-----	1
17	4J7533	SEAL-----	3
18	1S1953	BEARING-----	1
19	9S4180	PLUG-----	1
20	9S4182	PLUG-----	1
21	1S214	SPRING-----	1
22	5S5058	GEAR ASSEM.-----(66 teeth)	1
23	8H9208	DOWEL-----	1
24	7M5940	PLATE-----	1
25	L472	BOLT-----	1
26	2H3504	LOCK-----	1
27	3S9736	LIFTER ASSEM.-----	4
28	9H5729	WASHER-----	4
29	1S206	SPRING-----	4
	9N6496	SPACER--4.15mm(.1633 in. thick)	4
	9N6495	SPACER--4.21mm(.1657 in. thick)	4
	5M2697	SPACER--4.32mm(.1700 in. thick)	4
	2M4208	SPACER--4.42mm(.1740 in. thick)	4
	2M4209	SPACER--4.52mm(.1780 in. thick)	4
	2M4210	SPACER--4.62mm(.1820 in. thick)	4
	2M4211	SPACER--4.72mm(.1860 in. thick)	4
	2M4212	SPACER--4.83mm(.1900 in. thick)	4
	5M2691	SPACER--4.93mm(.1940 in. thick)	4
	5S7189	SPACER--5.03mm(.1980 in. thick)	4
	4N9839	SPACER--5.16mm(.2030 in. thick)	4
	4N9840	SPACER--5.26mm(.2070 in. thick)	4
	7N7692	PLUNGER & BARREL ASSEM.-----	4
31	8H9299	SCREW-----	1
	7N5638	CAMSHAFT ASSEM.-----	1
32	7N5152	CAMSHAFT-----	1
33	8H9208	DOWEL-----	1

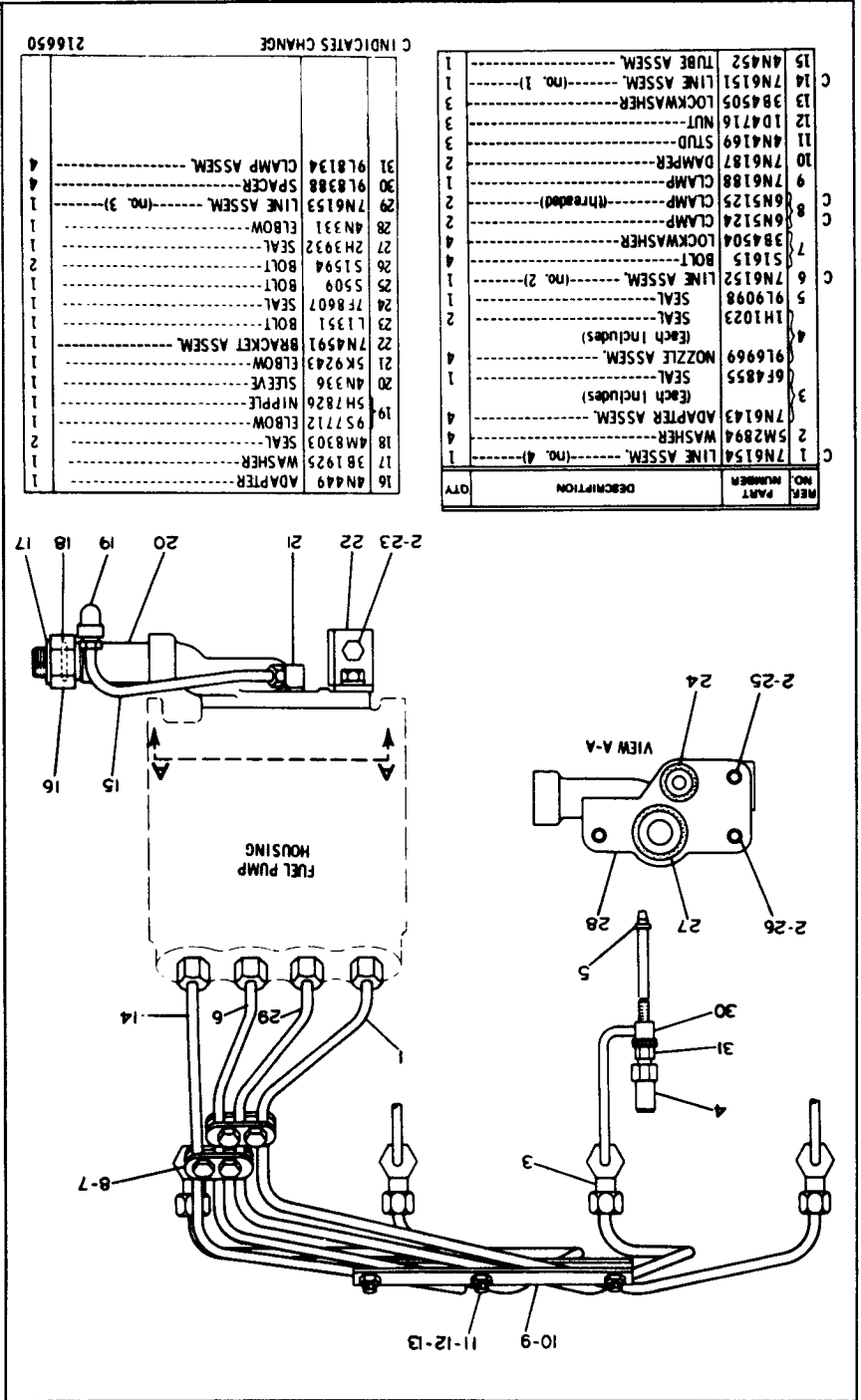
1N4855 FUEL INJECTION PUMP GROUP—Type 2
 Engine Serial No. 45V21898 to 45V32893 inclusive
 Part of 7N4675 Governor and Fuel Injection Pump Group shown on Page 31B

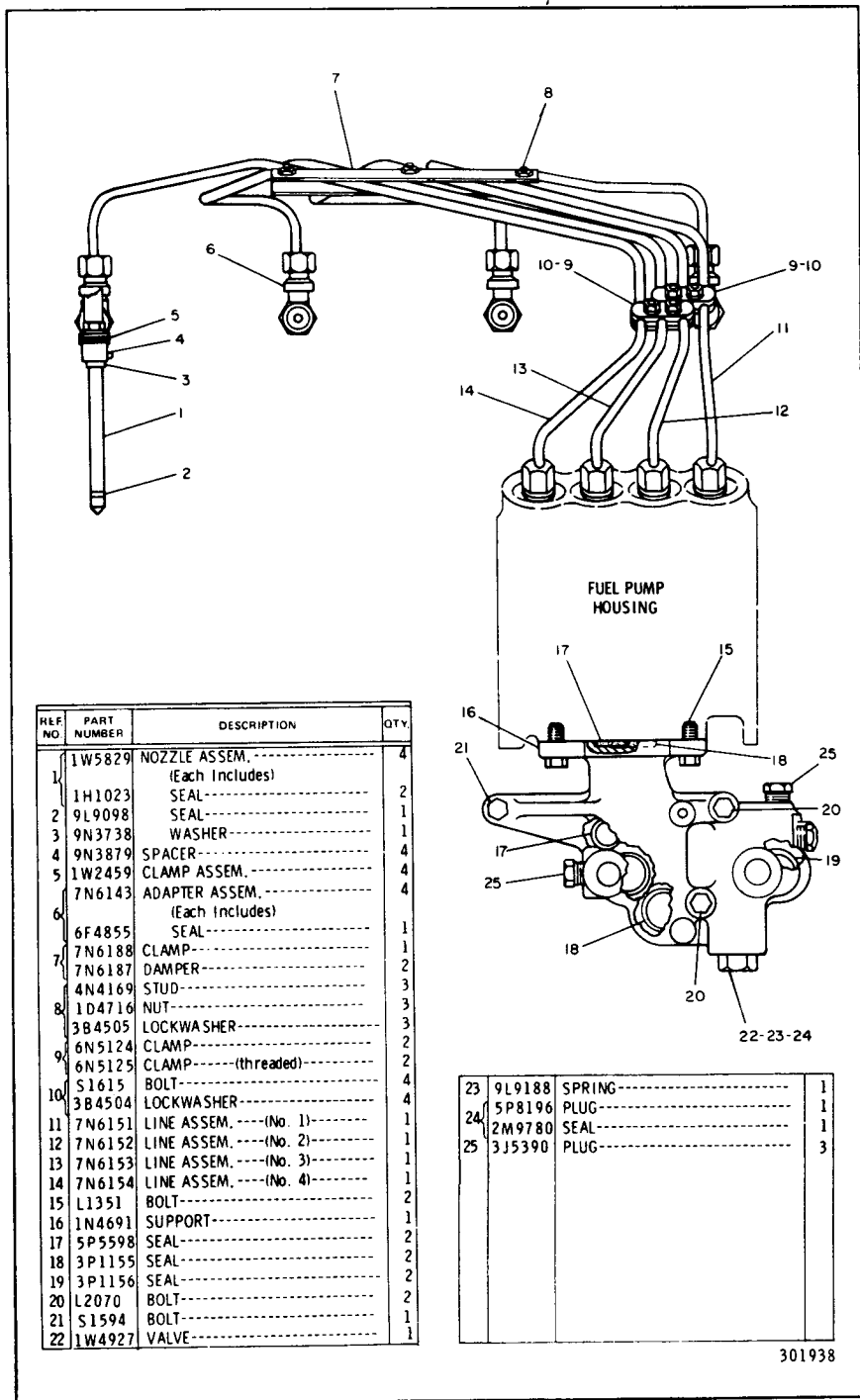
1W4590 FUEL INJECTION PUMP GROUP
Engine Serial No. 45V32894—Up
Part of 8N4751 Governor and Fuel Injection Pump Group shown on Page 31B



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	1M3506	RING-----	4
2	9S97	SPRING-----	4
	7N1410	VALVE----- (check)	4
3	7S6683	BONNET-----	4
4	8H9204	WASHER-----	4
5	2M4314	BUSHING-----	4
6	8D2992	SEAL-----	4
7	8N6334	RACK-----	1

8	1N4494	HOUSING ASSEM.-----	1
9	3J7354	SEAL-----	1
	1P234	DOWEL-----	4
10	1P232	BALL-----	4
	9S4160	BEARING-----	1
12	9H1284	BEARING-----	1
13	4M1474	PIN-----	2
14	2A3746	PLUG-----	1
15	9S8001	PLUG-----	2
16	2M8604	BEARING-----	1
17	4J7533	SEAL-----	3
18	1S1953	BEARING-----	1
19	9S4180	PLUG-----	1
20	9S4182	PLUG-----	1
21	1S214	SPRING-----	1
22	5S5058	GEAR ASSEM.---- (66 teeth)	1
23	8H9208	DOWEL-----	1
24	7M5940	PLATE-----	1
25	L472	BOLT-----	1
26	2H3504	LOCK-----	1
27	3S9736	LIFTER ASSEM.---	4
28	9H5729	WASHER-----	4
29	1S206	SPRING-----	4
	9N6496	SPACER--4, 15mmf, 1633 in. }thick	4
	9N6495	SPACER--4, 21mmf, 1657 in. }thick	4
	5M2697	SPACER--4, 32mmf, 1700 in. }thick	4
	2M4208	SPACER--4, 42mmf, 1740 in. }thick	4
	2M4209	SPACER--4, 52mmf, 1780 in. }thick	4
	2M4210	SPACER--4, 62mmf, 1820 in. }thick	4
30	2M4211	SPACER--4, 72 mmf, 1860 in. }thick	4
	2M4212	SPACER--4, 83mmf, 1900 in. }thick	4
	5M2691	SPACER--4, 93mmf, 1940 in. }thick	4
	5S7189	SPACER--5, 03 mmf, 1980 in. }thick	4
	4N9839	SPACER--5, 16mmf, 2030 in. }thick	4
	4N9840	SPACER--5, 26mmf, 2070 in. }thick	4
31	8N3539	PLUNGER & BARREL ASSEM.-----	4
	8H9299	SCREW-----	1
32	7N3891	CAMSHAFT ASSEM.-----	1
33	8H9208	DOWEL-----	1



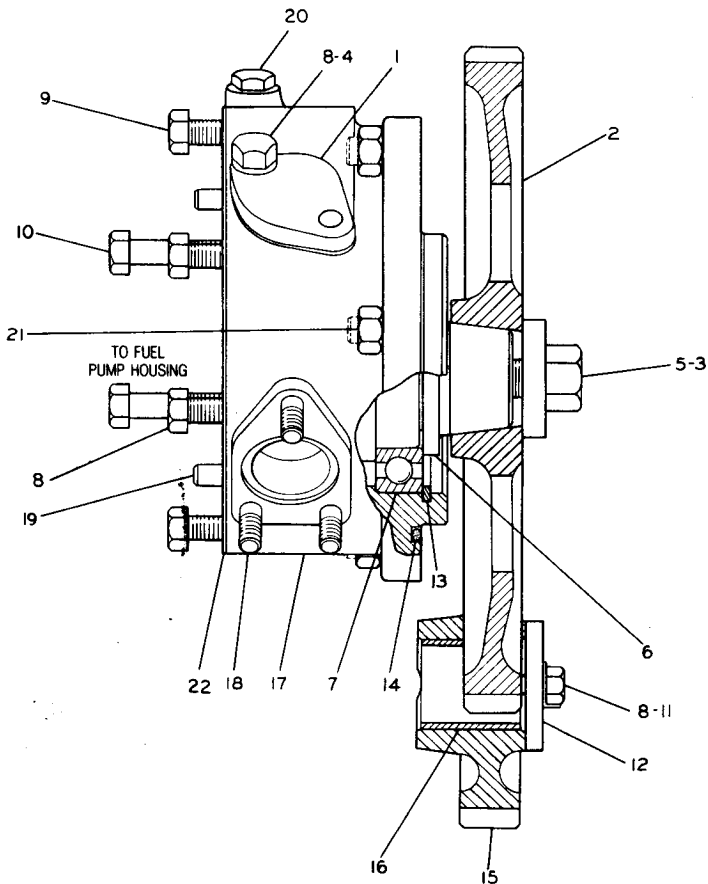


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	1W5829	NOZZLE ASSEM. -----	4
		(Each Includes)	
	1H1023	SEAL -----	2
2	9L9098	SEAL -----	1
3	9N3738	WASHER -----	1
4	9N3879	SPACER -----	4
5	1W2459	CLAMP ASSEM. -----	4
	7N6143	ADAPTER ASSEM. -----	4
6		(Each Includes)	
	6F4855	SEAL -----	1
7	7N6188	CLAMP -----	1
	7N6187	DAMPER -----	2
	4N4169	STUD -----	3
8	1D4716	NUT -----	3
	3B4505	LOCKWASHER -----	3
9	6N5124	CLAMP -----	2
	6N5125	CLAMP ----- (threaded)	2
10	S1615	BOLT -----	4
	3B4504	LOCKWASHER -----	4
11	7N6151	LINE ASSEM. --- (No. 1) -----	1
12	7N6152	LINE ASSEM. --- (No. 2) -----	1
13	7N6153	LINE ASSEM. --- (No. 3) -----	1
14	7N6154	LINE ASSEM. --- (No. 4) -----	1
15	L1351	BOLT -----	2
16	1N4691	SUPPORT -----	1
17	5P5598	SEAL -----	2
18	3P1155	SEAL -----	2
19	3P1156	SEAL -----	2
20	L2070	BOLT -----	2
21	S1594	BOLT -----	1
22	1W4927	VALVE -----	1

23	9L9188	SPRING -----	1
	5P8196	PLUG -----	1
24	2M9780	SEAL -----	1
25	3J5390	PLUG -----	3

301938

1W172 FUEL INJECTION LINES GROUP
Engine Serial No. 45V32894—Up



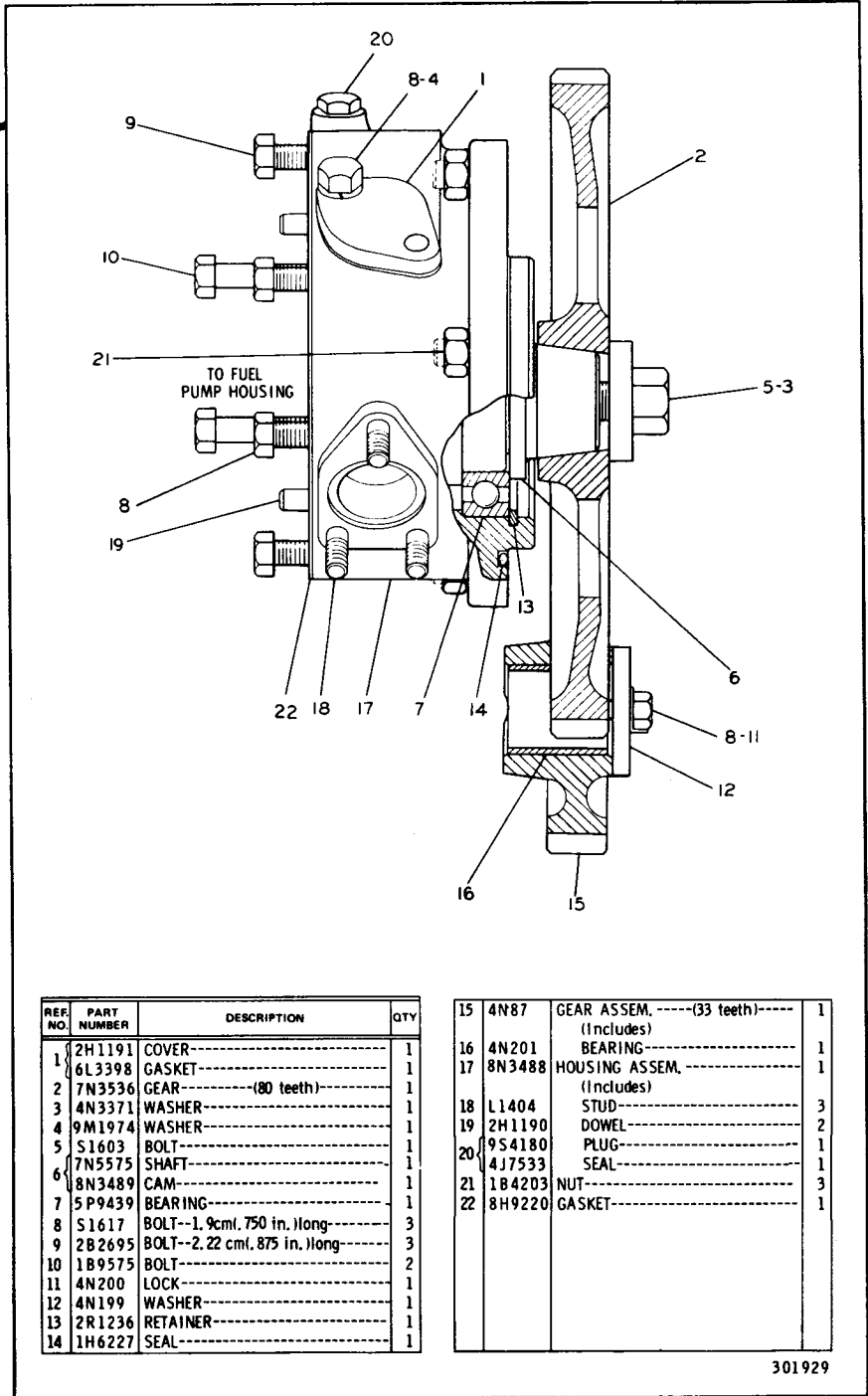
NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	2H1191	1	COVER
		6L3398	1	GASKET
	2	4N3320	1	GEAR (80 TEETH)
	3	4N3371	1	WASHER
	4	9M1974	1	WASHER
	5	S1603	1	BOLT
C	6	7N5655	1	SHAFT ASSEM.
	7	5P9439	1	BEARING
C	8	S1617	3	BOLT 1.9CM(.750 IN.)LONG
C	9	2B2695	3	BOLT 2.22CM(.875 IN.)LONG
	10	1B9575	2	BOLT
	11	4N200	1	LOCK
	12	4N199	1	WASHER
	13	2R1236	1	RETAINER
	14	1H6227	1	SEAL

	15	4N87	1	GEAR ASSEM. (33 TEETH)
	16	4N201	1	BEARING
C	17	8L3488	1	HOUSING ASSEM.
	18	L1404	3	STUD
	19	2H1190	2	DOWEL
	20	9S4180	1	PLUG
		4J7533	1	SEAL
	21	1B4203	3	NUT
	22	8H9220	1	GASKET

C INDICATES CHANGE

305277

7N5636 ACCESSORY DRIVE GROUP
 Engine Serial No. 45V21898 to 45V32893 inclusive



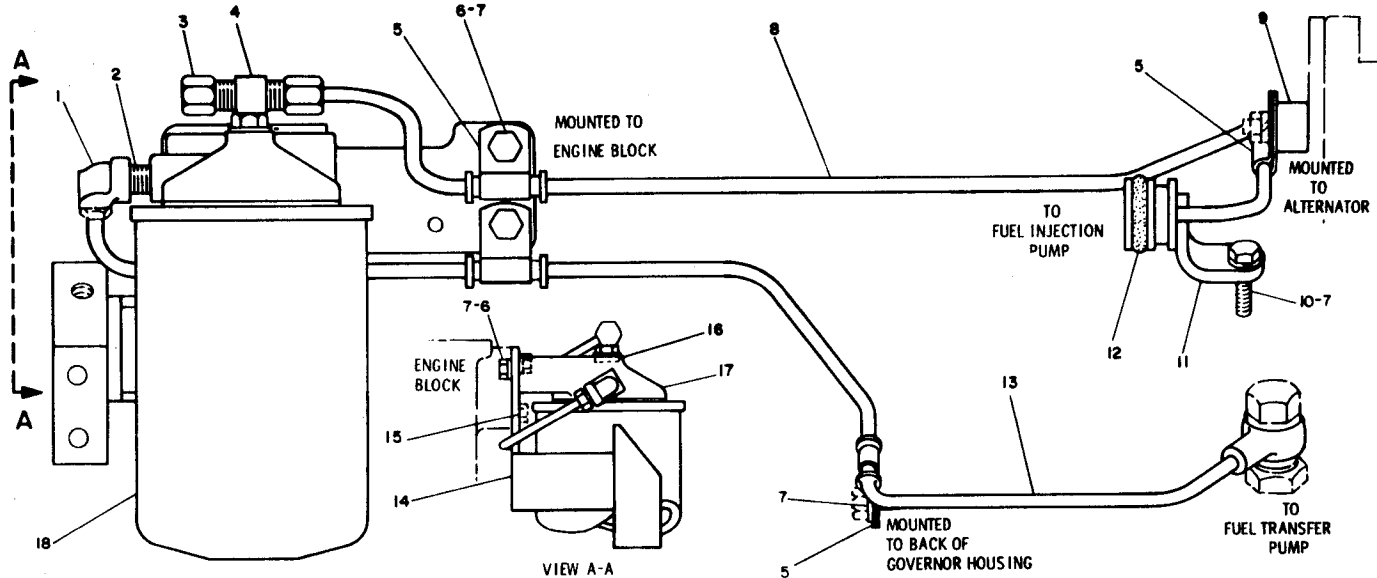
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2H1191	COVER-----	1
	6L3398	GASKET-----	1
2	7N3536	GEAR----- (80 teeth)	1
3	4N3371	WASHER-----	1
4	9M1974	WASHER-----	1
5	S1603	BOLT-----	1
6	7N5575	SHAFT-----	1
	8N3489	CAM-----	1
7	5P9439	BEARING-----	1
8	S1617	BOLT--1.9cm. 750 in. long-----	3
9	2B2695	BOLT--2.22 cm. 875 in. long-----	3
10	1B9575	BOLT-----	2
11	4N200	LOCK-----	1
12	4N199	WASHER-----	1
13	2R1236	RETAINER-----	1
14	1H6227	SEAL-----	1

15	4N87	GEAR ASSEM. -----(33 teeth)----	1
16	4N201	(Includes) BEARING-----	1
	8N3488	HOUSING ASSEM. -----(Includes)	1
17	8N3488	HOUSING ASSEM. -----(Includes)	1
18	L1404	STUD-----	3
19	2H1190	DOWEL-----	2
20	9S4180	PLUG-----	1
	4J7533	SEAL-----	1
21	1B4203	NUT-----	3
22	8H9220	GASKET-----	1

301929

2W2030 ACCESSORY DRIVE GROUP
Engine Serial No. 45V32894—Up

8N3447 FUEL FILTER GROUP



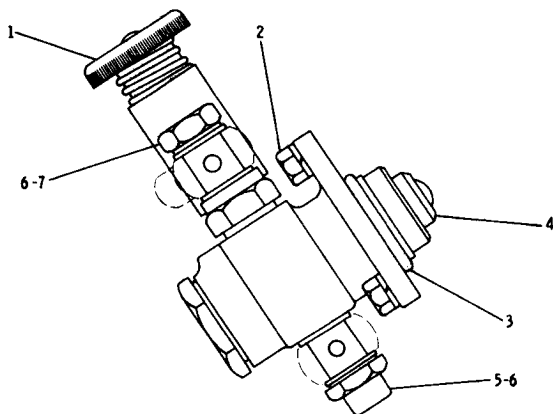
REF NO	PART NUMBER	DESCRIPTION	QTY
1	9S7712	ELBOW-----	1
2	3B7264	NIPPLE-----	1
3	9L8493	CAP-----	1
4	4S4857	TEE-----	1
5	7M6425	CLIP-----	4
	8S8817	GROMMET-----	4
6	2B2695	BOLT-----	5

7	9M1974	WASHER-----	7
8	4N316	TUBE ASSEM.-----	1
9	5K1928	BOSS-----	1
10	51618	BOLT-----	1
11	8N912	RETAINER-----	1
12	9H4557	SEAL-----	1
13	6N6975	TUBE ASSEM.-----	1

14	8N3446	BRACKET ASSEM.-----	1
15	S1617	BOLT-----	1
16	3J7354	SEAL-----	1
17	9L9656	BASE ASSEM.-----	1
18	9L9100	FILTER ASSEM.-----	1

223237

CATERPILLAR D3B TRACTOR



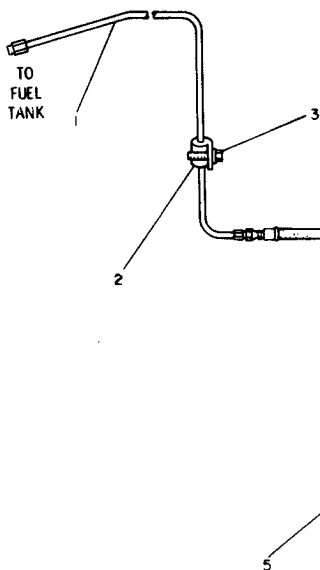
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4N6836	PUMP GROUP-----(priming)-----	1
2	1B4201	NUT-----	3
	3B4504	LOCKWASHER-----	3
3	2S4663	SEAL-----	1

4	4N6835	PUMP GROUP----- (transfer)-----	1
		(Includes)	
C 5	6N3523	VALVE----- (inlet)-----	1
C 6	2A5881	WASHER-----	4
C 7	6N3522	VALVE----- (outlet)-----	1

C INDICATES CHANGE

217338

4N242 FUEL TRANSFER AND PRIMING PUMP GROUP

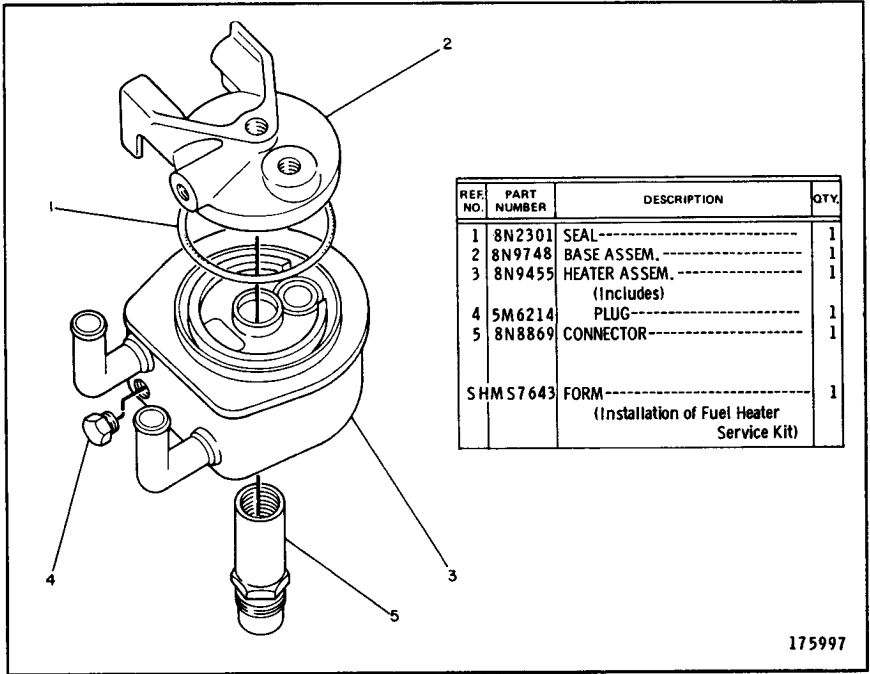


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G1042	TUBE ASSEM.-----	1
2	2B2404	CLIP-----	1
3	T102	BOLT-----	1
	5M2894	WASHER-----	1
C 4	8F1179	CLIP-----	1
5	5G1786	HOSE ASSEM. ---104 cm (40, 95 in)	1
6	3Y2348	CLIP-----	1
7	5G1287	TUBE ASSEM.-----	1

C INDICATES CHANGE

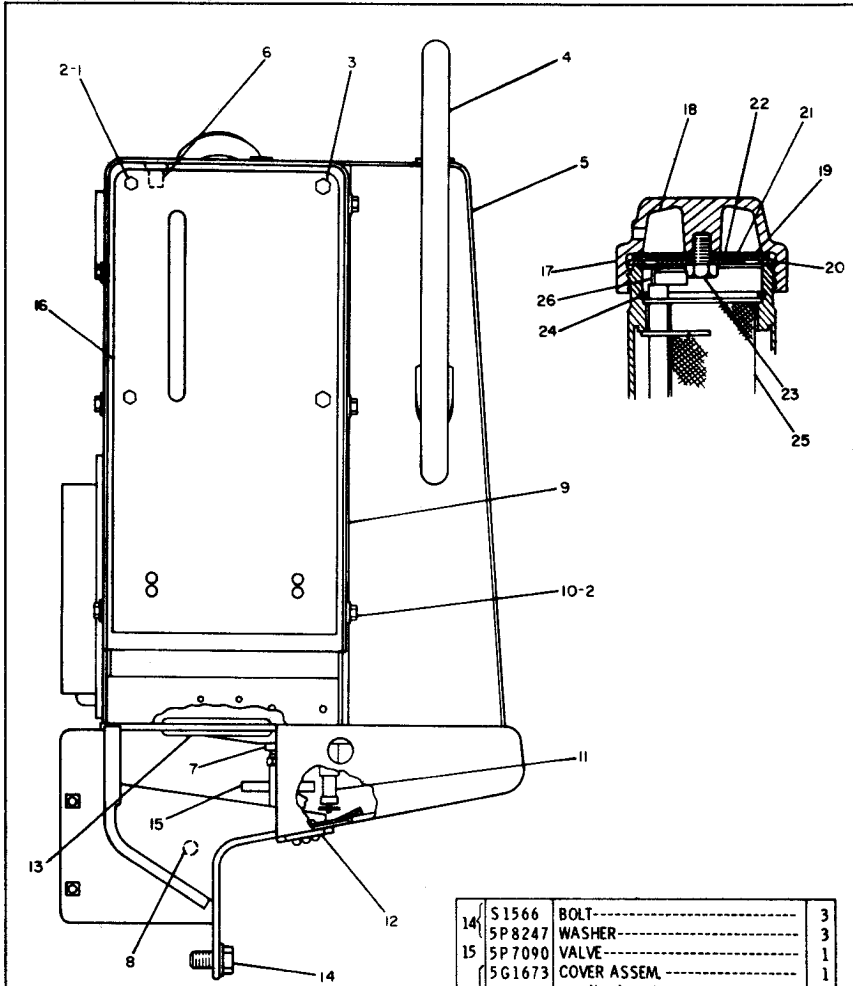
173524

5G466 FUEL LINES GROUP



8N9752 FUEL HEATER CHANGEOVER GROUP—Field Installation
Provides heat to fuel before entering fuel filter

175997



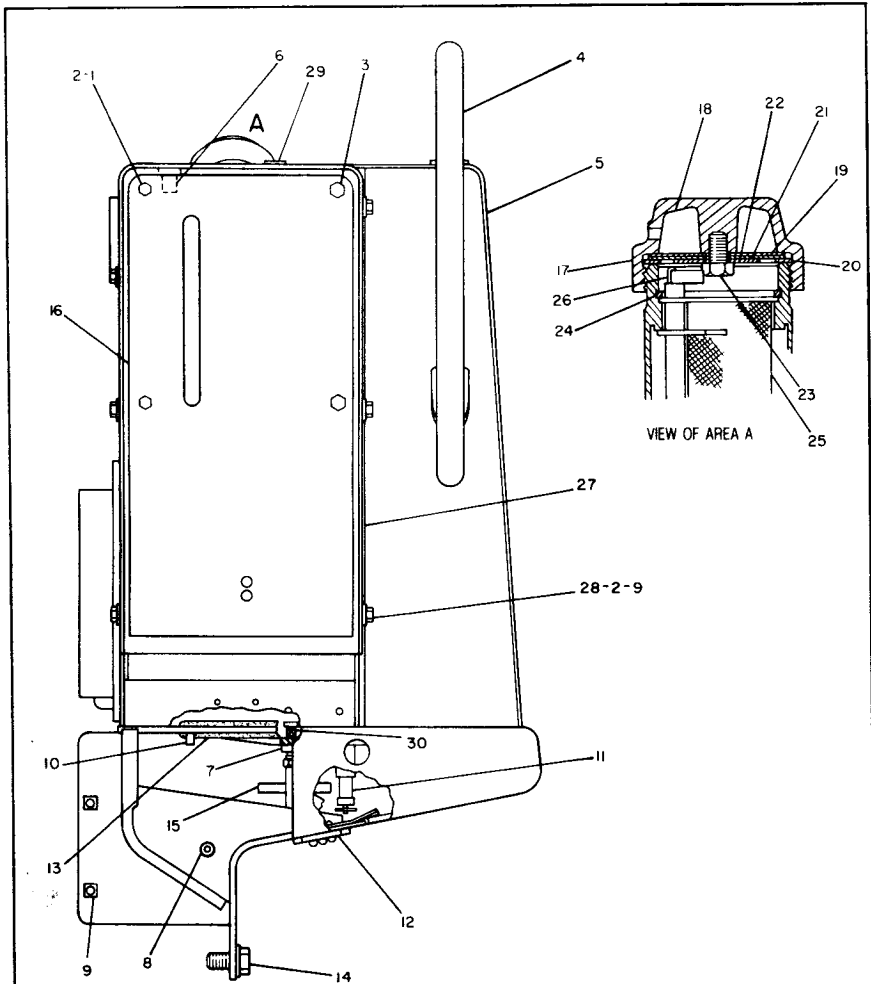
REF NO.	PART NUMBER	DESCRIPTION	QTY.
1	1A2029	BOLT-----	1
2	5P1075	WASHER-----	7
3	310218	BOLT-----	3
	5G2496	HANDLE-----	1
4	S1585	BOLT-----	2
	5P1076	WASHER-----	2
5	6S9935	TANK ASSEM.-----	1
		(Includes)	
6	6J2237	BOSS-----	2
7	6B7246	BOSS-----	1
8	4D9376	BOSS-----	1
9	6S9852	COVER ASSEM.-----	1
10	S509	BOLT-----	6
11	6D238	VALVE ASSEM.-----	1
12	5G855	COVER ASSEM.-----	1
▲ 13	5P5816	SEAL----- .6 m(23.61n.)	1

14	S1566	BOLT-----	3
	5P8247	WASHER-----	3
15	5P7090	VALVE-----	1
	5G1673	COVER ASSEM.-----	1
16		(Includes)	
	4B4319	RIVET-----	4
	5G1672	SPRING-----	2
17	6S9905	CAP ASSEM.-----	1
		(Includes)	
18	4B5949	ELEMENT-----	1
19	6S9908	GASKET-----	1
20	6S9909	GASKET-----	1
21	6S9910	BAFFLE-----	1
22	7B2002	WASHER-----	1
23	3H8389	SCREW-----	1
24	7B1297	RING-----	1
25	6S9897	STRAINER ASSEM.-----	1
26	5G1657	PLUNGER ASSEM.-----	1

222196

6S9899 FUEL TANK GROUP—Type 1

▲ ORDER BY THE METER



NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	1A2029	1	BOLT
	2	5P1075	7	WASHER
	3	310218	3	BOLT
	4	5G2496	1	HANDLE
		S1585	2	BOLT
		5P1076	2	WASHER
	5	6S9935	1	TANK ASSEM.
	6	6J2237	2	BOSS
	7	6B7246	1	BOSS
	8	4D9376	1	BOSS
C	9	9F2978	21	NUT (WELD)
C	10	5B1983	1	BOSS
	11	6D238	1	VALVE ASSEM.
	12	5G855	1	COVER ASSEM.
D	13	5P5816		SEAL .6M (23.6 IN.)

	14	S1566	3	BOLT
		5P8247	3	WASHER
C	15	6V5710	1	VALVE
	16	5G1673	1	COVER ASSEM.
C		4B4319	2	RIVET
C		5G1672	1	SPRING
	17	6S9905	1	CAP ASSEM.
	18	4B5949	1	ELEMENT
	19	6S9908	1	GASKET
	20	6S9909	1	GASKET
	21	6S9910	1	BAFFLE
	22	7B2002	1	WASHER
	23	3H8389	1	SCREW
	24	7B1297	1	RING
C	25	5G4056	1	STRAINER
	26	5G1657	1	PLUNGER ASSEM.
	27	6S9852	1	COVER ASSEM.
	28	S509	6	BOLT
C	29	4H3001	1	BUTTON
C	30	5G4109	1	SCREEN

C INDICATES CHANGE

D ORDER BY THE METER

304970

6S9899 FUEL TANK GROUP—Type 2

FOR HYDRAULIC TANK

FOR FUEL TANK

REF NO	PART NUMBER	DESCRIPTION	QTY
1	5D1910	COVER GROUP----- (Separate Illustration)	1
2	8S7949	PADLOCK----- (Includes)	1
▲	8M439	KEY-----	2
3	5G2494	GUARD ASSEM.-----	1

▲ NOT PART OF 6S9980 PROTECTION GROUP

223244

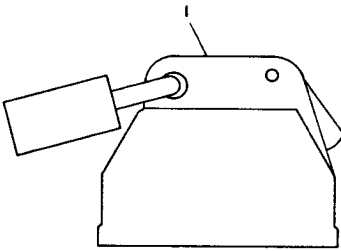
6S9980 VANDALISM PROTECTION GROUP—Type 1
 Also part of 5G949 Vandallsm Guard Group shown on Page 216
 5D1910 Cover parts are shown on Page 118. AN ATTACHMENT

REF NO	PART NUMBER	DESCRIPTION	QTY
1	5B9324	SETSCREW-----	1
2	6S9909	GASKET-----	1
3	5G2495	TUBE-----	1
4	5G2498	PLUNGER ASSEM.-----	1

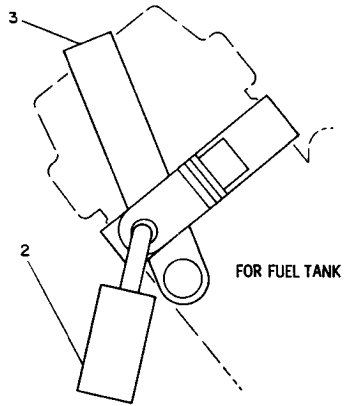
FUEL TANK

223215

5G2499 FUEL FILLER EXTENSION GROUP
 Part of 5G2293 Cab Mounting Group shown on Page 94
 AN ATTACHMENT



FOR HYDRAULIC TANK



FOR FUEL TANK

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
C 1	9G9288	COVER GROUP----- (Separate Illustration)	1
C 2	5P8502	PADLOCK GROUP----- (Includes)	1
▲ 2	5P8500	KEY-----	2
3	5G2494	GUARD ASSEM.-----	1

▲ NOT PART OF 6S9980 PROTECTION GROUP

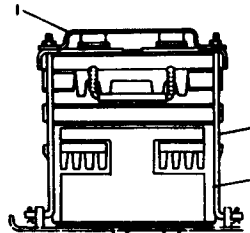
C INDICATES CHANGE

235353

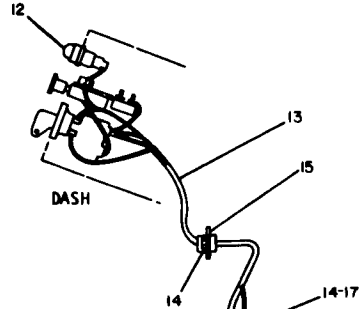
6S9980 VANDALISM PROTECTION GROUP—Type 2
 Also part of 5G949 Vandalism Guard Group shown on Page 216
 9G9288 Cover parts are shown on Page 118A. AN ATTACHMENT

5G237 BATTERY AND WIRING GROUP—12 Volt—Part 1 of 3
 Serial No. 23Y1 to 23Y397 Inclusive
 5G227 and 5G229 Harness parts are shown on Pages 46 and 47

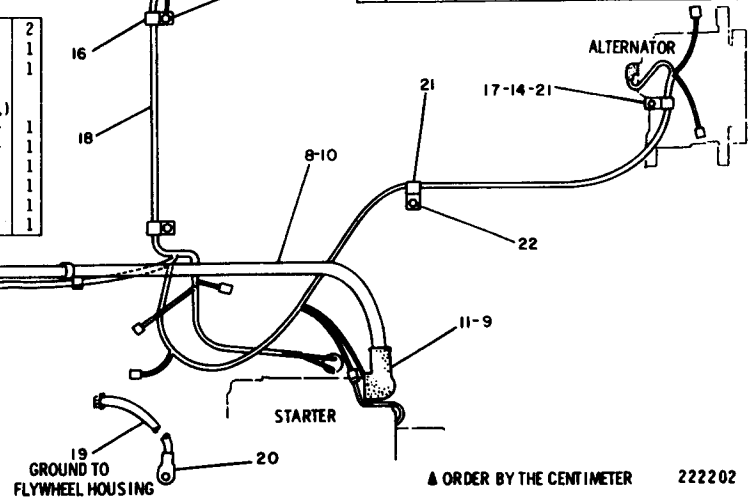
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	4K6697	HOLDDOWN ASSEM. -----	1
2	4S9261	BATTERY-----	1
	6K4355	ROD-----	4
	1B4330	NUT-----	4
3	4B4276	WASHER-----	4
	3B4607	COTTER-----	4
	5H3631	CABLE ASSEM. -----	1
		(Includes)	
4	5P746	CABLE----87,63cm (34,5 in.)	1
	5M9205	TERMINAL ASSEM. -----	1
	1M6119	BOLT-----	1
	1M6120	NUT-----	1
5	1S7252	TERMINAL-----	1



6	5K3294	CLIP-----	2
7	8M2770	CLIP-----	1
	4D6489	CABLE ASSEM. -----	1
		(Includes)	
8	5P746	CABLE----233,68cm (92 in.)	1
	5M9204	TERMINAL ASSEM. -----	1
	1M6119	BOLT-----	1
	1M6120	NUT-----	1
9	1S7252	TERMINAL-----	1
10	5G1324	COVER-----	1
11	5A4252	CAP-----	1

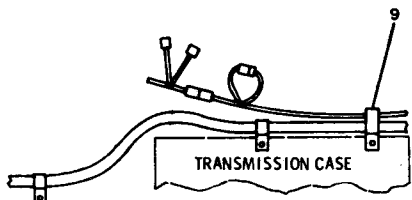


12	9G3058	CAP-----	2
13	5G229	HARNES ASSEM. -----	1
		(Separate Illustration)	
14	T102	BOLT-----	5
15	5G1728	PLATE-----	1
16	9M8406	CLIP-----	2
17	4B4276	WASHER-----	3
18	5G227	HARNES ASSEM. -----	1
		(Separate Illustration)	
	6S4302	CABLE ASSEM. -----	1
		(Includes)	
19	5P746	CABLE----28,5cm (11,25 in.)	1
20	1S7252	TERMINAL-----	2
21	4D7794	CLIP-----	1
22	2H3755	BOLT-----	1
	4B4277	WASHER-----	1

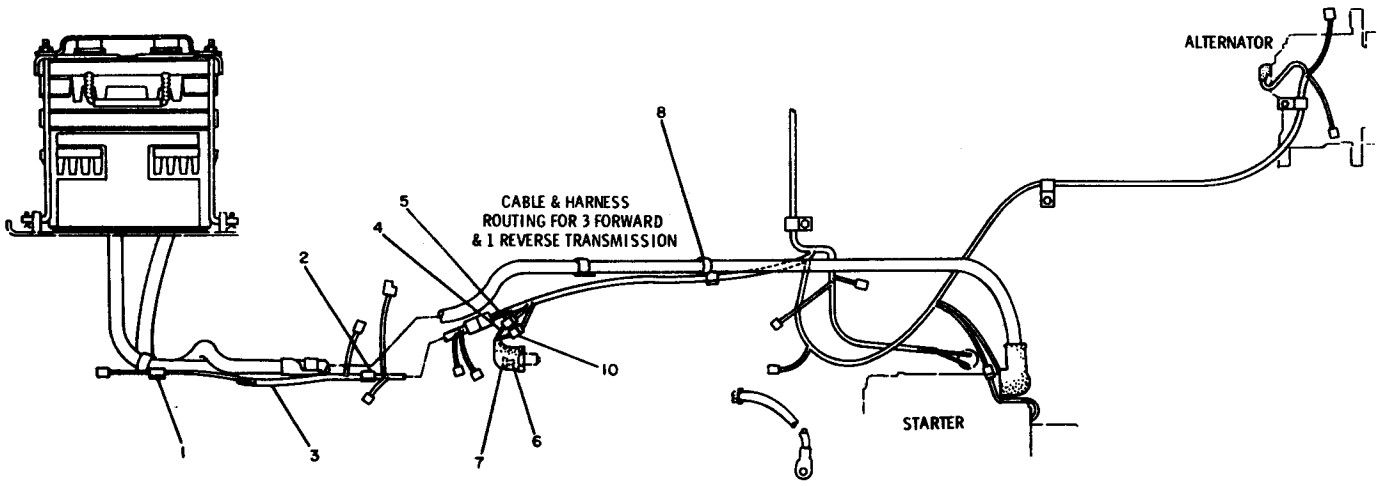


▲ ORDER BY THE CENTIMETER 222202

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	8M2772	CLIP-----	1
2	5K3294	CLIP-----	1
	5G1704	HARNESS ASSEM.-----	1
		(Includes)	
3	5P5624	WIRE----- (14 gauge)	
	6N9587	CONNECTOR-----	1
	5G1799	WIRE ASSEM.-----	1
		(Includes)	
4	5P5624	WIRE-----, 10 m(3.94 in.)	
	2L8075	TERMINAL-----	1
5	5P6271	CONNECTOR ASSEM.-----	1



6	9B7242	SCREW-----	2
	9B7233	LOCKWASHER-----	2
7	1P4194	BOOT-----	1
8	8M2770	CLIP-----	3
9	9M4995	CLIP-----	1
	5G1798	WIRE ASSEM.-----	1
		(Includes)	
10	5P5624	WIRE-----, 10 m(3.94 in.)	
	2L8075	TERMINAL----- (ring)	1
	6K613	TERMINAL----- (bullet)	1

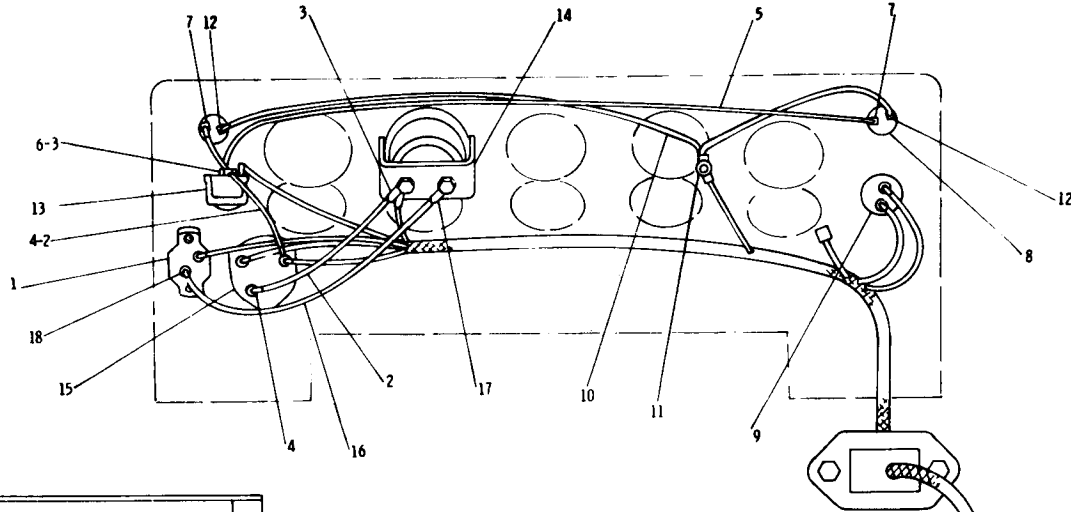


▲ ORDER BY THE METER

223563

5G237 BATTERY AND WIRING GROUP—12 Volt—Part 2 of 3
Serial No. 23Y1 to 23Y397 Inclusive

5G237 BATTERY AND WIRING GROUP—12 Volt—Part 3 of 3
 Serial No. 23Y1 to 23Y397 Inclusive



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	4N5844	CIRCUIT BREAKER----(40 amp.)----	1
	5M6668	SCREW-----	2
	6S3831	WIRE ASSEM.-----	2
2		(Each Includes)	
▲	5P5622	WIRE-----, 17 m(6.69 in.)	1
3	2L8066	TERMINAL-----	1
4	2L8067	TERMINAL-----	1
	5G862	WIRE ASSEM.-----	1
5		(Includes)	
▲	5P5623	WIRE-----, 65 m(25.6 in.)	1
6	2L8065	TERMINAL-----	1
7	2L8074	TERMINAL-----	2

C	8	9G3057	BASE----- (indicator)-----	2
		8L9801	LAMP----- (miniature)-----	2
	9	7N8132	SWITCH----- (starting aid)-----	1
		5G863	WIRE ASSEM.-----	1
			(Includes)	
▲	10	5P5623	WIRE-----, 60 m(23.6 in.)	1
11	2L8066	TERMINAL-----	1	
12	2L8074	TERMINAL-----	2	
13	6S2950	SWITCH ASSEM.----- (light)-----	1	
14	8M7892	AMMETER----- (60 amp)-----	1	
15	6N8941	SWITCH ASSEM.----- (start)-----	1	
			(Includes)	
		8H5306	KEY-----	1

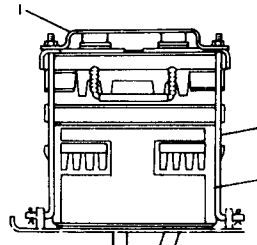
C INDICATES CHANGE

▲	16	5P1075	WIRE ASSEM.-----	1
			(Includes)	
		5P5622	WIRE-----, 25 m(9.8 in.)	1
	17	2L8066	TERMINAL-----	1
	18	2L8065	TERMINAL-----	1

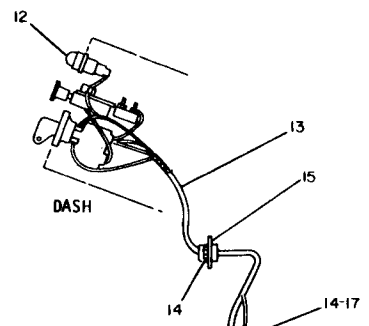
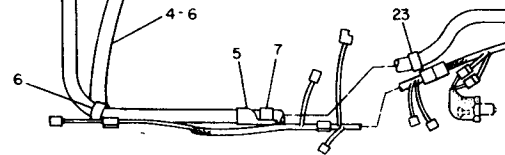
▲ ORDER BY THE METER

173091

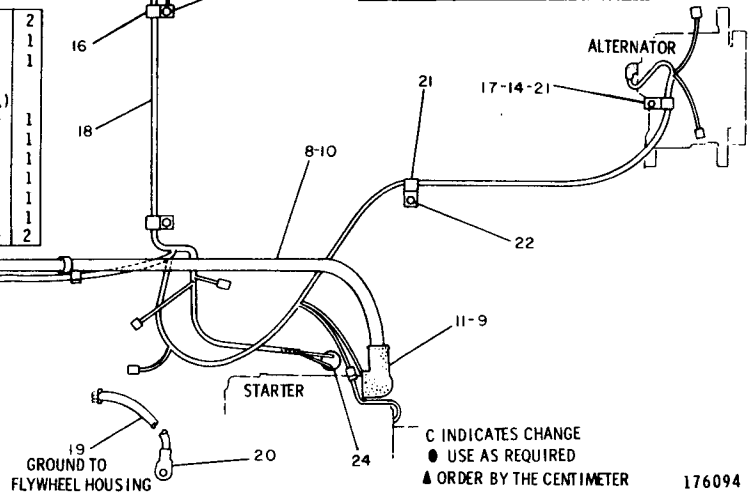
REF NO.	PART NUMBER	DESCRIPTION	QTY.
1	4K6697	HOLDDOWN ASSEM. -----	1
2	4S9261	BATTERY-----	1
	6K4355	ROD-----	4
	1B4330	NUT-----	4
	5P4115	WASHER-----	4
	3B4607	COTTER-----	4
	5H3631	CABLE ASSEM.----- (includes)	1
	5P746	CABLE-----87,63cm (34,5 in.)	
	5M9205	TERMINAL ASSEM.-----	1
	1M6119	BOLT-----	1
	1M6120	NUT-----	1
	1S7252	TERMINAL-----	1



6	5K3294	CLIP-----	2
7	8M2770	CLIP-----	1
	4D6489	CABLE ASSEM.----- (includes)	1
	5P746	CABLE-----233,68cm (92 in.)	
	5M9204	TERMINAL ASSEM.-----	1
	1M6119	BOLT-----	1
	1M6120	NUT-----	1
	1S7252	TERMINAL-----	1
	5G1324	COVER-----	1
	5A4252	CAP-----	1
	9G3058	CAP-----	2



13	5G229	HARNES ASSEM.-----	1
		(Separate Illustration)	
14	T102	BOLT-----	5
15	5G1728	PLATE-----	1
16	9M8406	CLIP-----	2
17	4B4278	WASHER-----	3
18	5G227	HARNES ASSEM.----- (Separate Illustration)	1
		(Separate Illustration)	
	6S4302	CABLE ASSEM.-----	1
	5P746	CABLE---28,5 cm(11,25 in.)	
	1S7252	TERMINAL-----	2
	4D7794	CLIP-----	2
	2H3755	BOLT-----	1
	4B4277	WASHER-----	1
	1H5166	CLIP-----	1
	6N2466	SWITCH ASSEM.--(Pressure)-----	1



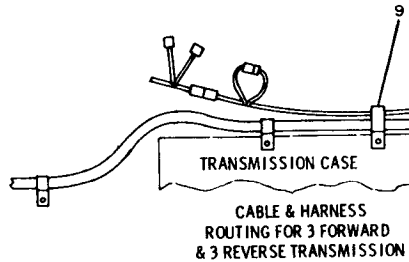
C INDICATES CHANGE
 ● USE AS REQUIRED
 ▲ ORDER BY THE CENTIMETER

176094

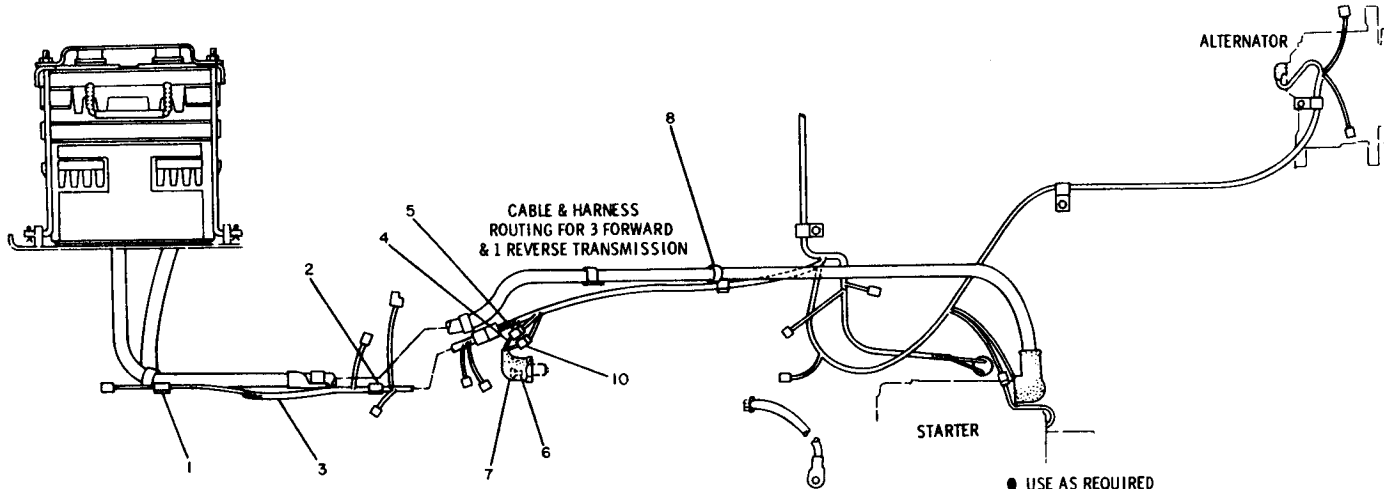
5G237 BATTERY AND WIRING GROUP—12 Volt—Part 1 of 3
 Serial No. 23Y398 to 23Y1035 inclusive
 5G227 and 5G229 Harness parts are shown on Pages 46 and 47

5G237 BATTERY AND WIRING GROUP—12 Volt—Part 2 of 3
Serial No. 23Y398 to 23Y1035 inclusive

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	8M2772	CLIP-----	1
2	5K3294	CLIP-----	1
	5G1704	HARNESS ASSEM.-----	1
		(Includes)	
▲ 3	5P5624	WIRE----- (14 gauge)	
	6N9587	CONNECTOR-----	1
	5G1799	WIRE ASSEM.-----	1
		(Includes)	
▲ 4	5P5624	WIRE-----, 10 m(3.94 in.)	
	2L8075	TERMINAL-----	1
	5P6271	CONNECTOR ASSEM.-----	1

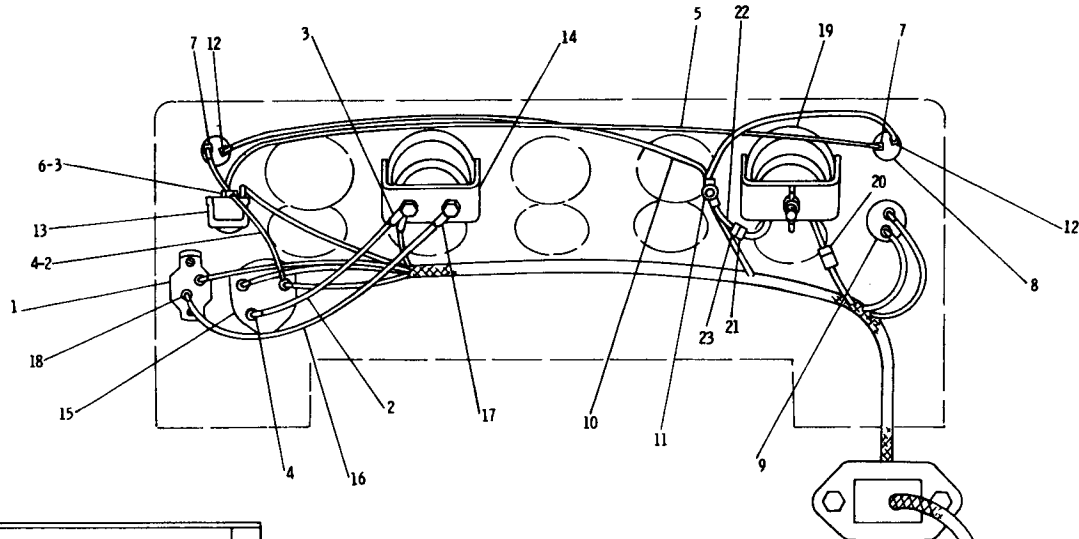


● 6	9B7242	SCREW-----	2
● 6	9B7233	LOCKWASHER-----	2
● 7	1P4194	BOOT-----	1
● 8	8M2770	CLIP-----	3
● 9	9M4995	CLIP-----	1
●	5G1798	WIRE ASSEM.-----	1
		(Includes)	
▲ 10	5P5624	WIRE-----, 10 m(3.94 in.)	
	2L8075	TERMINAL----- (ring)	1
	6K613	TERMINAL----- (bullet)	1



● USE AS REQUIRED
▲ ORDER BY THE METER

176095



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	4N5844	CIRCUIT BREAKER----(40 amp.)---	1
	5M6668	SCREW-----	2
	6S3831	WIRE ASSEM.-----	2
2		(Each Includes)	
▲	5P5622	WIRE-----, 17 m(6, 69 in.)	1
3	2L8066	TERMINAL-----	1
4	2L8067	TERMINAL-----	1
	5G862	WIRE ASSEM.-----	1
5		(Includes)	
▲	5P5623	WIRE-----, 65 m(25, 6 in.)	1
6	2L8065	TERMINAL-----	1
7	2L8074	TERMINAL-----	2

8	9G3057	BASE----- (indicator)-----	2
	8L9801	LAMP----- (miniature)-----	2
9	7N8132	SWITCH----- (starting aid)-----	1
	5G863	WIRE ASSEM.-----	1
10		(Includes)	
▲	5P5623	WIRE-----, 60 m(23, 6 in.)	1
11	2L8066	TERMINAL-----	1
12	2L8074	TERMINAL-----	2
13	6S2950	SWITCH ASSEM.---- (light)-----	1
14	8M7892	AMMETER----- (60 amp)-----	1
	6N8941	SWITCH ASSEM.---- (start)-----	1
15		(Includes)	
	8H5306	KEY-----	1

C INDICATES CHANGE

▲	16	5P1075	WIRE ASSEM.-----	1
		5P5622	WIRE-----, 25 m(9, 8 in.)	1
	17	2L8066	TERMINAL-----	1
	18	2L8065	TERMINAL-----	1
C	19	7N864	METER ASSEM.---- (12 volt)-----	1
	20	5P5610	CONNECTOR-----	1
	21	6N9587	CONNECTOR-----	1
C		7N9826	WIRE ASSEM.-----	1
▲	22	5P5629	WIRE-----, 08 m(3, 15 in.)	1
		2L8076	TERMINAL-----	1
	23	5P5610	CONNECTOR-----	1

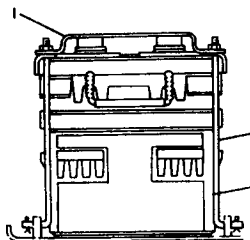
▲ ORDER BY THE METER

176096

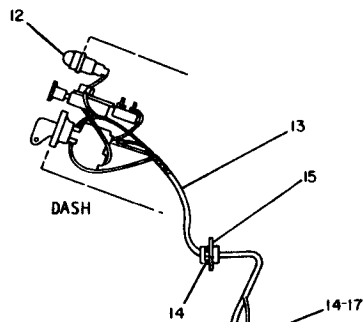
5G237 BATTERY AND WIRING GROUP—12 Volt—Part 3 of 3
Serial No. 23Y398 to 23Y1035 inclusive

5G237 BATTERY AND WIRING GROUP—12 Volt—Part 1 of 3
 Serial No. 23Y1036 to 23Y1255 inclusive
 5G227 & 5G3901 Harness parts are shown on Pages 46 & 48B

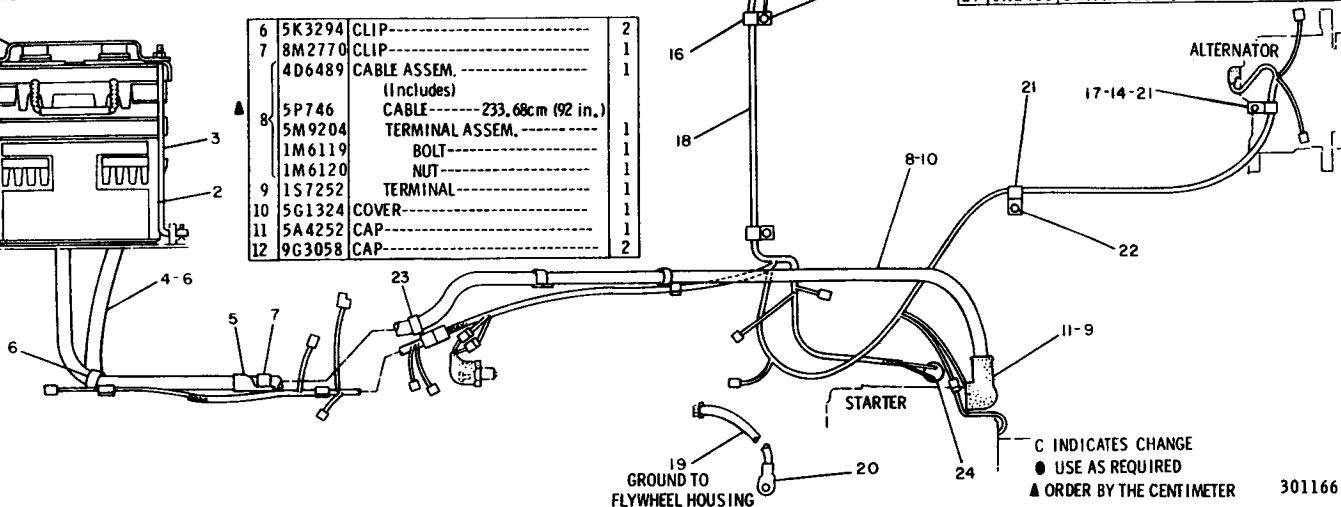
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	4K6697	HOLDDOWN ASSEM. -----	1
2	4S9261	BATTERY-----	1
	6K4355	ROD-----	4
	1B4330	NUT-----	4
3	5P4115	WASHER-----	4
	3B4607	COTTER-----	4
	9H3631	CABLE ASSEM.-----	1
		(Includes)	
4	5P746	CABLE-----87.63cm (34.5 in.)	1
	5M9205	TERMINAL ASSEM.-----	1
	1M6119	BOLT-----	1
	1M6120	NUT-----	1
5	1S7252	TERMINAL-----	1



6	5K3294	CLIP-----	2
7	8M2770	CLIP-----	1
	4D6489	CABLE ASSEM.-----	1
		(Includes)	
8	5P746	CABLE-----233.68cm (92 in.)	1
	5M9204	TERMINAL ASSEM.-----	1
	1M6119	BOLT-----	1
	1M6120	NUT-----	1
9	1S7252	TERMINAL-----	1
10	5G1324	COVER-----	1
11	5A4252	CAP-----	1
12	9G3058	CAP-----	2



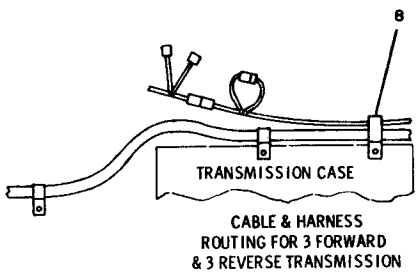
C 13	5G3901	HARNES ASSEM.-----	1
		(Separate Illustration)	
14	T102	BOLT-----	5
15	5G1728	PLATE-----	1
16	9M8406	CLIP-----	2
17	4B4278	WASHER-----	3
18	5G227	HARNES ASSEM.-----	1
		(Separate Illustration)	
19	6S4302	CABLE ASSEM.-----	1
	5P746	CABLE-----28.5 cm(11.25 in.)	
20	1S7252	TERMINAL-----	2
21	4D7794	CLIP-----	2
22	2H3755	BOLT-----	1
	4B4277	WASHER-----	1
23	4K640	CLIP-----	1
24	6N2466	SWITCH ASSEM. --(Pressure)-----	1



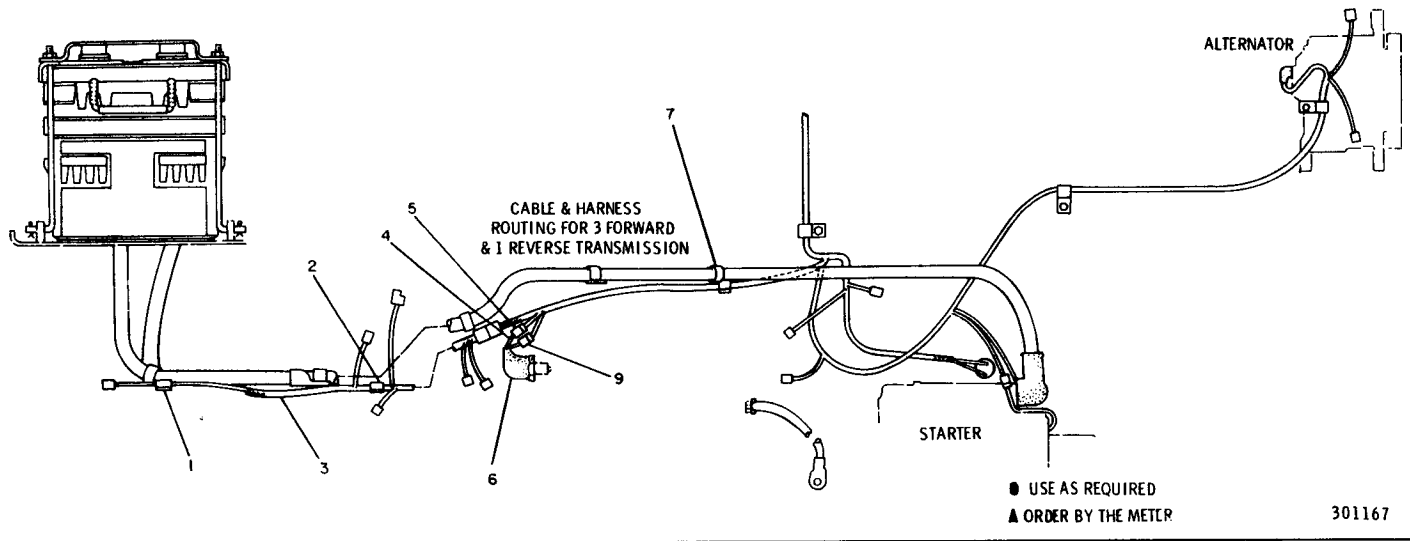
C INDICATES CHANGE
 ● USE AS REQUIRED
 ▲ ORDER BY THE CENTIMETER

301166

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	8M2772	CLIP-----	1
2	5K3294	CLIP-----	1
	5G1704	HARNESS ASSEM.-----	1
		(Includes)	
▲ 3	5P5624	WIRE----- (14 gauge)	1
	6N9587	CONNECTOR-----	1
	5G1799	WIRE ASSEM.-----	1
		(Includes)	
▲ 4	5P5624	WIRE----- 10 m(3.94 in.)	1
	2L8075	TERMINAL----- (ring)	1
	5P6271	CONNECTOR ASSEM.-----	1



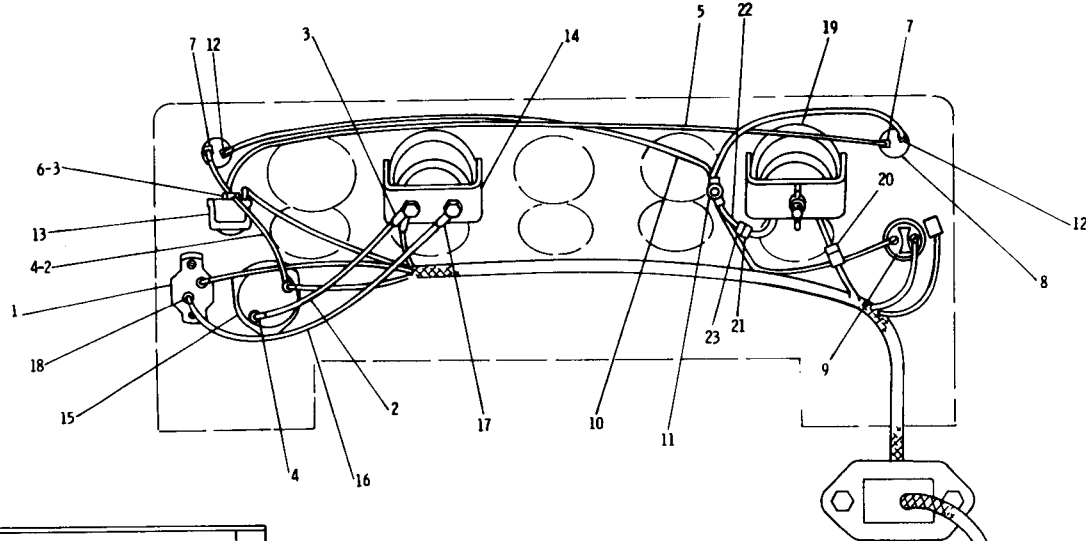
6	1P4194	BOOT-----	1
7	8M2770	CLIP-----	3
8	9M4995	CLIP-----	1
●	5G1798	WIRE ASSEM.-----	1
		(Includes)	
▲ 9	5P5624	WIRE----- 10m(3.94 in.)	1
	2L8075	TERMINAL----- (ring)	1
	6K613	TERMINAL----- (bullet)	1



5G237 BATTERY AND WIRING GROUP—12 Volt—Part 2 of 3
Serial No. 23Y1036 to 23Y1255 inclusive

301167

5G237 BATTERY AND WIRING GROUP—12 Volt—Part 3 of 3
Serial No. 23Y1036 to 23Y1255 inclusive



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	4N5844	CIRCUIT BREAKER----(40 amp.)----	1
	5M6668	SCREW-----	2
	6S3831	WIRE ASSEM.-----	2
▲ 2	5P5622	WIRE-----, 17 m(6.69 in.)	
3	2L8066	TERMINAL-----	1
4	2L8067	TERMINAL-----	1
	5G862	WIRE ASSEM.-----	1
▲ 5	5P5623	WIRE-----, 65 m(25.6 in.)	
6	2L8065	TERMINAL-----	1
7	2L8074	TERMINAL-----	2

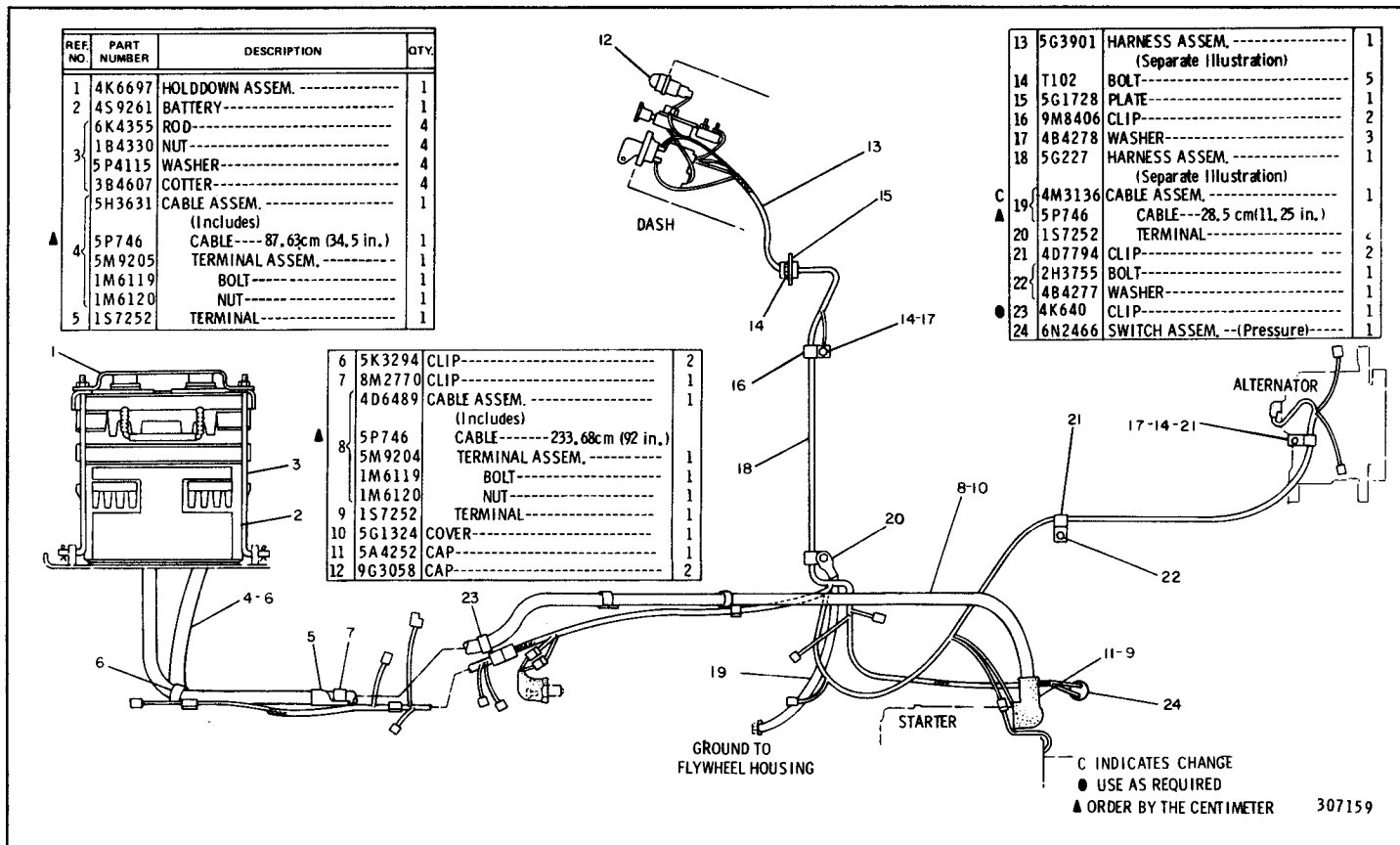
8	9G3057	BASE----- (indicator)-----	2
	8L9801	LAMP----- (miniature)-----	2
C 9	3T3947	SWITCH----- (starting aid)-----	1
	5G863	WIRE ASSEM.-----	1
▲ 10	5P5623	WIRE-----, 60 m(23.6 in.)	
11	2L8066	TERMINAL-----	1
12	2L8074	TERMINAL-----	2
13	6S2950	SWITCH ASSEM.-----(light)-----	1
14	8M7892	AMMETER----- (60 amp)-----	1
C 15	3Y7571	SWITCH ASSEM.-----(start)-----	1
	8H5306	KEY-----	1

C INDICATES CHANGE

▲ 16	5P1075	WIRE ASSEM.-----	1
	5P5622	WIRE-----, 25 m(9.8 in.)	
17	2L8066	TERMINAL-----	1
18	2L8065	TERMINAL-----	1
19	7N864	METER ASSEM.-----(12 volt)-----	1
20	5P5610	CONNECTOR-----	1
21	6N9587	CONNECTOR-----	1
	7N9826	WIRE ASSEM.-----	1
▲ 22	5P5629	WIRE-----, 08 m(3.15 in.)	
	2L8076	TERMINAL-----	1
23	5P5610	CONNECTOR-----	1

▲ ORDER BY THE METER

301168

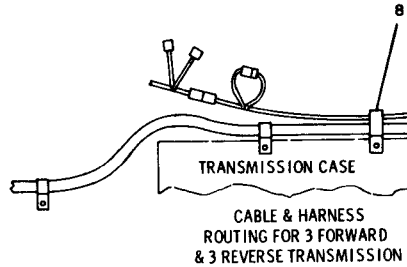


5G237 BATTERY AND WIRING GROUP—12 Volt—Part 1 of 3
 Serial No. 23Y1256—Up
 5G227 & 5G3901 Harness parts are shown on Pages 46 and 48B

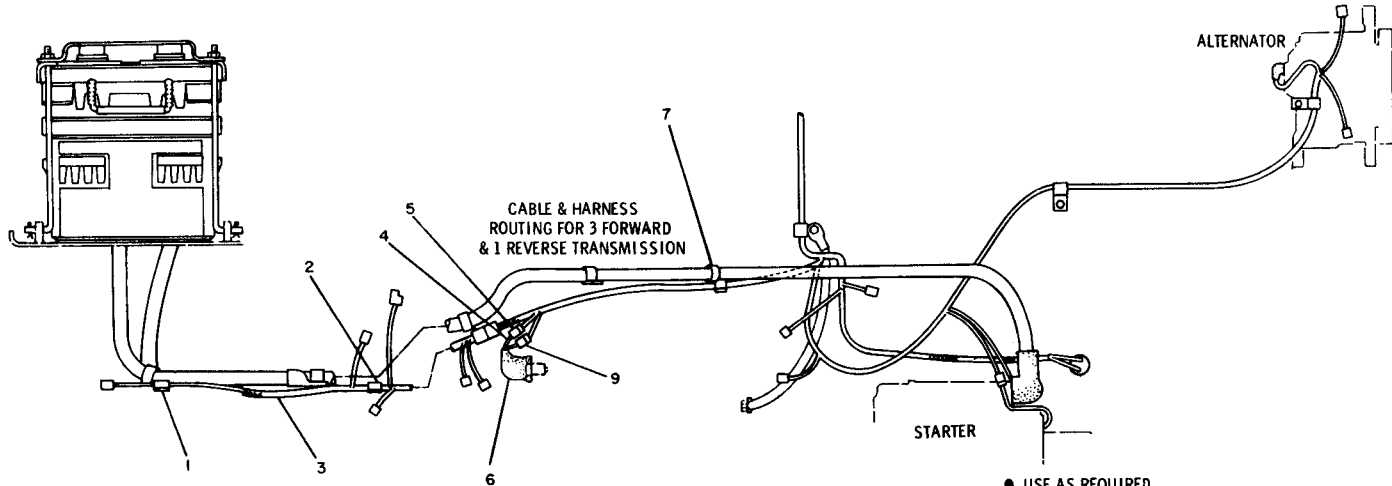
307159

5G237 BATTERY AND WIRING GROUP—12 Volt—Part 2 of 3
Serial No. 23Y1256—Up

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	8M2772	CLIP-----	1
2	5K3294	CLIP-----	1
	5G1704	HARNESS ASSEM.-----	1
▲	3	(Includes)	
	5P5624	WIRE----- (14 gauge)	
	6N9587	CONNECTOR-----	1
●	5G1799	WIRE ASSEM.-----	1
		(Includes)	
▲	4	5P5624	WIRE-----, 10 m(3.94 in.)
		2L8075	TERMINAL----- (ring)
		5P6271	CONNECTOR ASSEM.-----



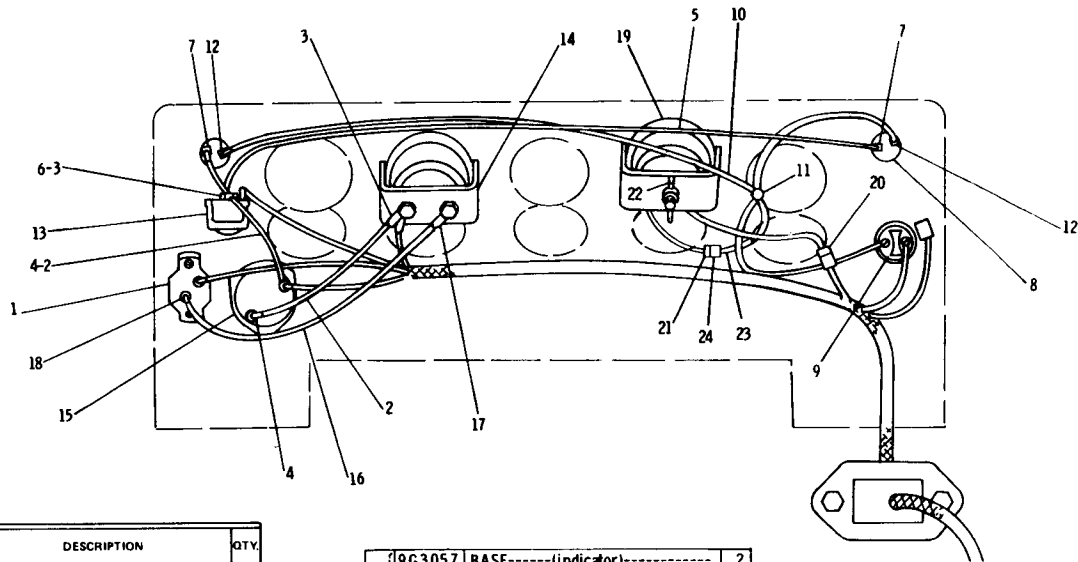
6	1P4194	BOOT-----	1
7	8M2770	CLIP-----	3
8	9M4995	CLIP-----	1
●	5G1798	WIRE ASSEM.-----	1
		(Includes)	
▲	9	5P5624	WIRE-----, 10m(3.94 in.)
		2L8075	TERMINAL----- (ring)
		6K613	TERMINAL----- (bullet)



● USE AS REQUIRED
▲ ORDER BY THE METER

307283

5G237 BATTERY AND WIRING GROUP—12 Volt—Part 3 of 3
Serial No. 23Y1256—Up



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	4N5844	CIRCUIT BREAKER----(40 amp.)---	1
	5M6668	SCREW-----	2
	6S3831	WIRE ASSEM.-----	2
2	(Each Includes)		
	5P5622	WIRE-----, 17 m(6.69 in.)	
D	3	2L8066 TERMINAL-----	1
	4	2L8067 TERMINAL-----	1
5	5G862	WIRE ASSEM.-----	1
	(Includes)		
D	5	5P5623 WIRE-----, 65 m(25.6 in.)	
	6	2L8065 TERMINAL-----	1
	7	2L8074 TERMINAL-----	2

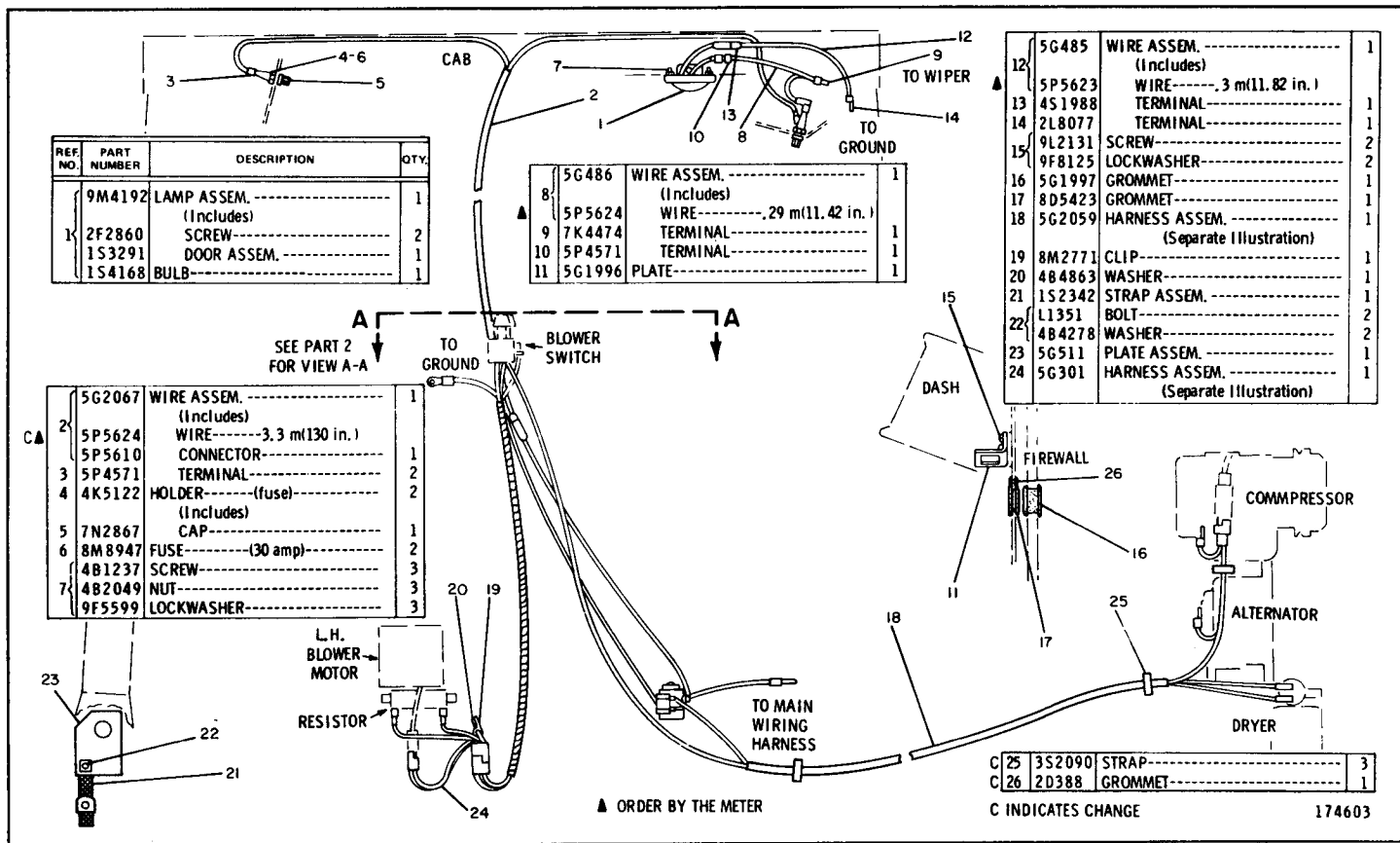
8	9G3057	BASE----- (indicator)-----	2
	8L9801	LAMP----- (miniature)-----	2
9	3T3947	SWITCH----- (starting aid)-----	1
	5G863	WIRE ASSEM.-----	1
10	(Includes)		
	5P5623	WIRE-----, 60 m(23.6 in.)	
D	11	2L8066 TERMINAL-----	1
	12	2L8074 TERMINAL-----	2
13	6S2950	SWITCH ASSEM.---- (light)-----	1
	14	8M7892 AMMETER----- (60 amp)-----	1
C	15	3T6129 SWITCH ASSEM.---- (start)-----	1
	(Includes)		
	8H5306	KEY-----	1

C INDICATES CHANGE

C	16	5G1705 WIRE ASSEM.-----	1
	D	17	5P5622 WIRE-----, 25m (9.8 in.)
18		2L8066 TERMINAL-----	1
19	7N864	METER ASSEM.----- (12 volt)-----	1
	20	5P5610 CONNECTOR-----	1
C	21	6N9587 CONNECTOR-----	1
	22	1F1739 NUT-----	1
D	23	7N9826 WIRE ASSEM.-----	1
	24	5P5629 WIRE-----, 08m (3.15 in.)	
	24	2L8076 TERMINAL-----	1
	24	5P5610 CONNECTOR-----	1

D ORDER BY THE METER

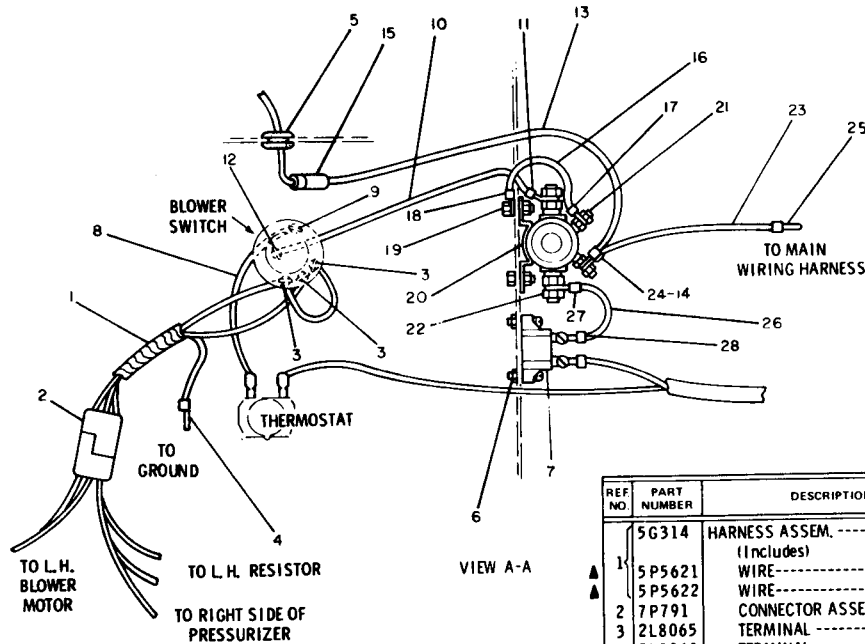
307160



5G457 CAB WIRING GROUP—Part 1—Type 1

Part of 5G1 Roll-Over Protection System Group listed on Page 193
5G301 and 5G2059 Harness parts are shown on Page 48. AN ATTACHMENT

5G457 CAB WIRING GROUP—Part 2—Type 1
Part of 5G1 Roll-Over Protection System Group listed on Page 193
AN ATTACHMENT



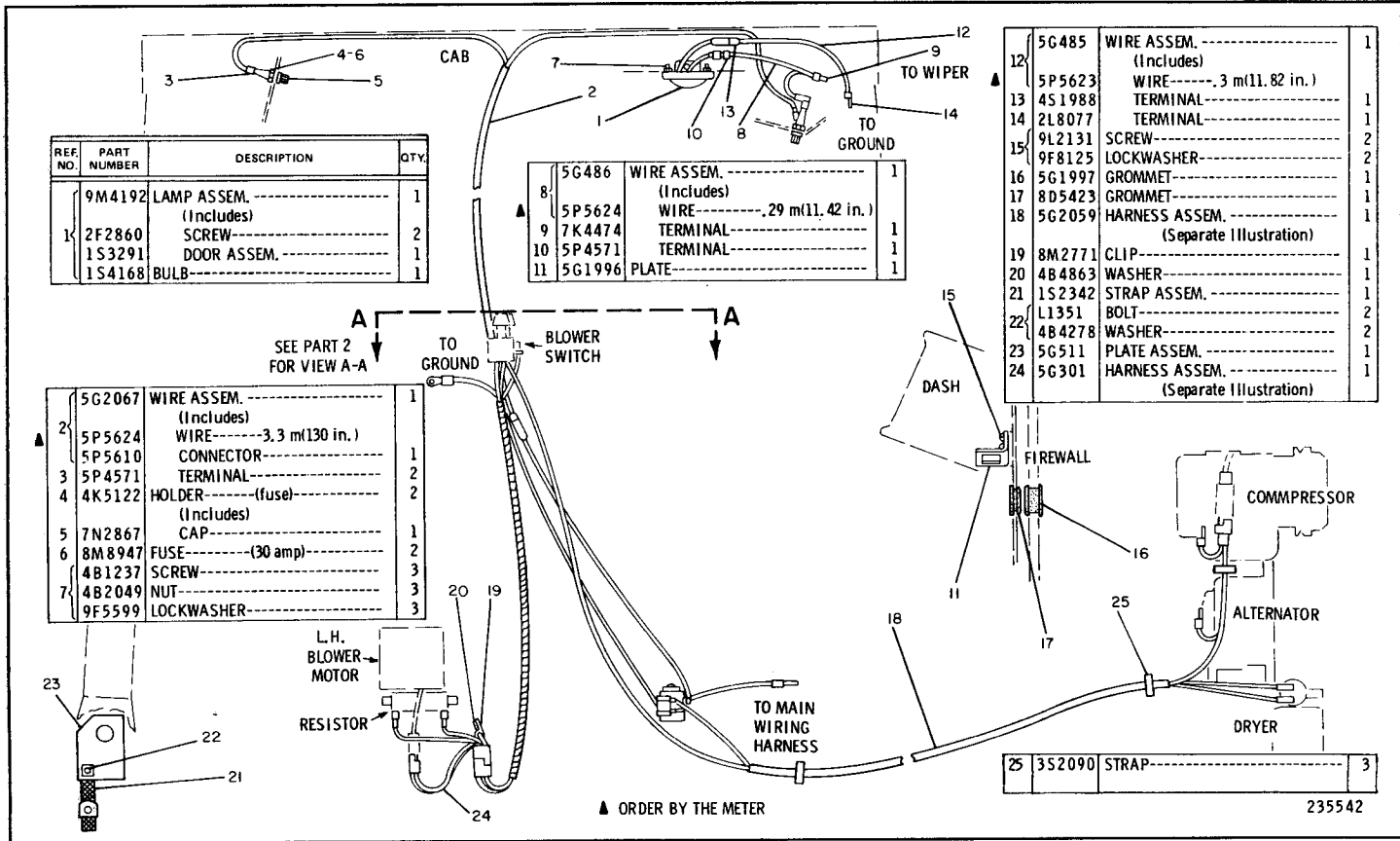
C INDICATES CHANGE

REF NO.	PART NUMBER	DESCRIPTION	QTY.
	5G314	HARNES ASSEM. -----	1
		(Includes)	
1	5P5621	WIRE----- (12 gauge)	
	5P5622	WIRE----- (10 gauge)	
2	7P791	CONNECTOR ASSEM. -----	1
3	2L8065	TERMINAL -----	3
4	2L8069	TERMINAL -----	1
5	4V5091	GROMMET -----	1
	7D5473	BOLT -----	2
6	4B2043	NUT -----	2
	3B4502	WASHER -----	2
7	8D7265	CIRCUIT BREAKER----(40 amp)----	1

	5G308	WIRE ASSEM. -----	1
		(Includes)	
8	5P5621	WIRE-----, 15 m (5.9 in.)	
9	2L8075	TERMINAL -----	1
	5G2015	WIRE ASSEM. -----	1
		(Includes)	
10	5P5622	WIRE-----, 7 m (27.56)-----	
11	2L8069	TERMINAL -----	1
12	2L8065	TERMINAL -----	1
	5G2066	WIRE ASSEM. -----	1
		(Includes)	
13	5P5624	WIRE-----, 6 m (23.63 in.)	
14	2L8075	TERMINAL -----	1
15	6K1828	CONNECTOR -----	1
	6G511	WIRE ASSEM. -----	1
		(Includes)	
16	5P5623	WIRE-----, 2 m (7.87 in.)	
17	2L8075	TERMINAL -----	1
18	2L8077	TERMINAL -----	1
	2A762	BOLT -----	2
19	1B4330	NUT -----	2
	5P4115	WASHER -----	2
20	4L3913	SWITCH ----- (magnetic)-----	1
		(Includes)	
	4B2043	NUT -----	4
	3B4501	LOCKWASHER -----	4
	4F2294	NUT -----	4
	3L6789	LOCKWASHER -----	4
	8F908	WASHER -----	4
	5G2065	WIRE ASSEM. -----	1
		(Includes)	
23	5P5624	WIRE-----, 35 m (13.78 in.)-----	
24	2L8075	TERMINAL -----	1
25	5P5610	CONNECTOR -----	1
	5G2014	WIRE ASSEM. -----	1
		(Includes)	
26	5P5622	WIRE-----, 1 m (3.94 in.)	
27	2L8079	TERMINAL -----	1
28	2L8075	TERMINAL -----	1

▲ ORDER BY THE METER

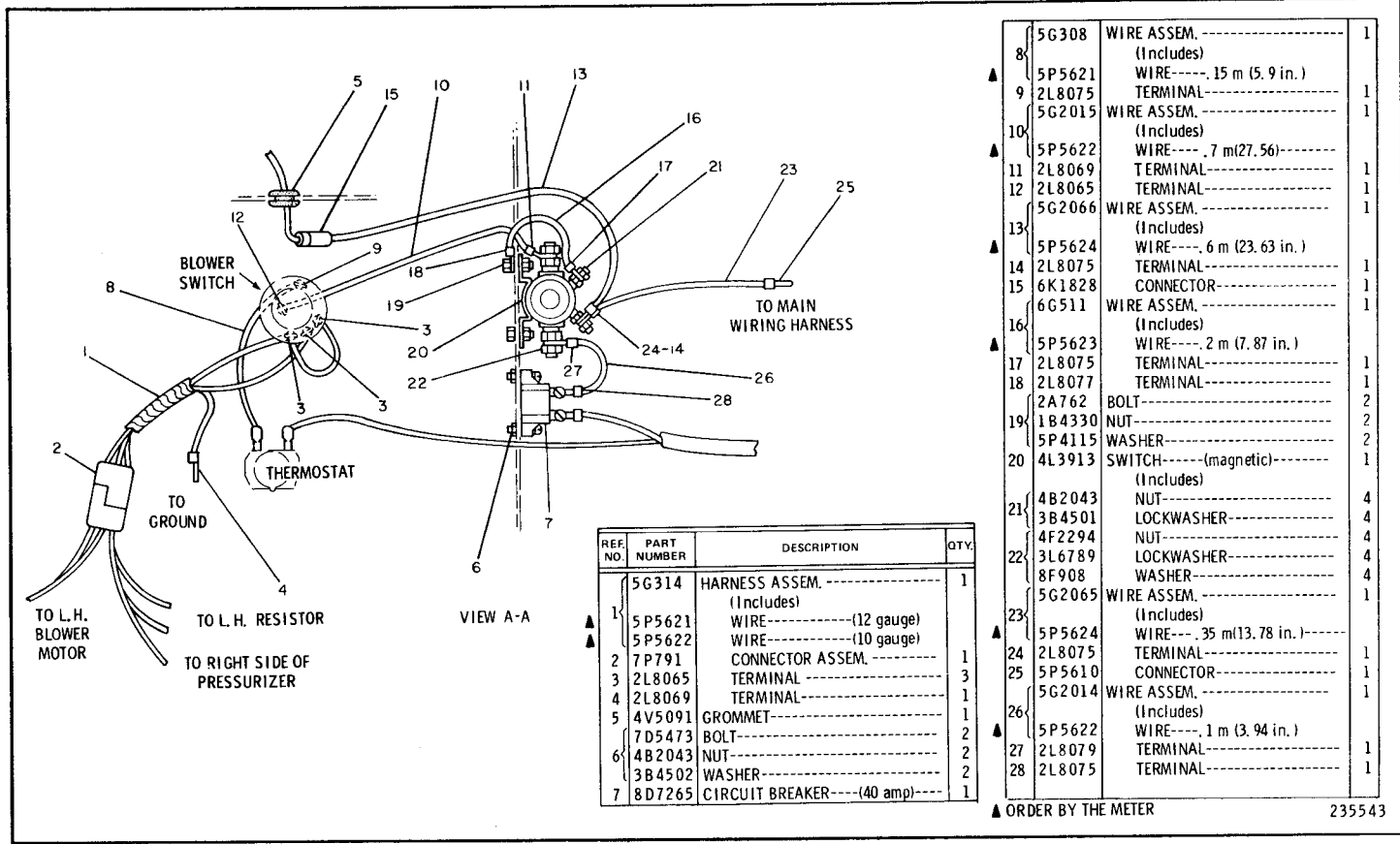
174604



5G457 CAB WIRING GROUP—Part 1—Type 2

Part of 5G1 Roll-Over Protection System Group listed on Page 193
5G301 and 5G2059 Harness parts are shown on Page 48. AN ATTACHMENT

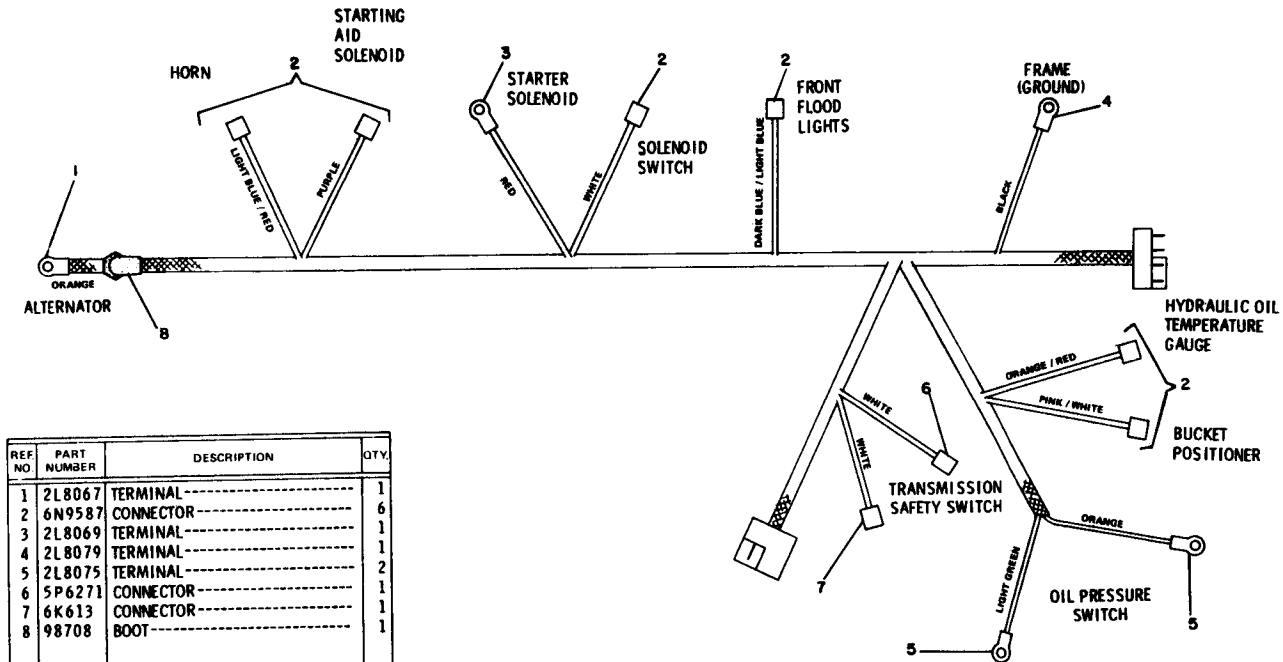
5G457 CAB WIRING GROUP—Part 2—Type 2
Part of 5G1 Roll-Over Protection System Group listed on Page 193
AN ATTACHMENT



REF NO	PART NUMBER	DESCRIPTION	QTY.
1	5G314	HARNES ASSEM. ----- (Includes)	1
1	5P5621	WIRE----- (12 gauge)	1
1	5P5622	WIRE----- (10 gauge)	1
2	7P791	CONNECTOR ASSEM. -----	1
3	2L8065	TERMINAL -----	3
4	2L8069	TERMINAL -----	1
5	4V5091	GROMMET -----	1
6	7D5473	BOLT -----	2
6	4B2043	NUT -----	2
6	3B4502	WASHER -----	2
7	8D7265	CIRCUIT BREAKER---- (40 amp)----	1

8	5G308	WIRE ASSEM. ----- (Includes)	1
8	5P5621	WIRE-----, 15 m (5.9 in.)	1
9	2L8075	TERMINAL -----	1
9	5G2015	WIRE ASSEM. ----- (Includes)	1
10	5P5622	WIRE-----, 7 m (27.56)-----	1
11	2L8069	TERMINAL -----	1
12	2L8065	TERMINAL -----	1
12	5G2066	WIRE ASSEM. ----- (Includes)	1
13	5P5624	WIRE-----, 6 m (23.63 in.)	1
14	2L8075	TERMINAL -----	1
15	6K1828	CONNECTOR -----	1
15	6G511	WIRE ASSEM. ----- (Includes)	1
16	5P5623	WIRE-----, 2 m (7.87 in.)	1
17	2L8075	TERMINAL -----	1
18	2L8077	TERMINAL -----	1
18	2A762	BOLT -----	2
19	1B4330	NUT -----	2
19	5P4115	WASHER -----	2
20	4L3913	SWITCH----- (magnetic)----- (Includes)	1
21	4B2043	NUT -----	4
21	3B4501	LOCKWASHER -----	4
21	4F2294	NUT -----	4
22	3L6789	LOCKWASHER -----	4
22	8F908	WASHER -----	4
22	5G2065	WIRE ASSEM. ----- (Includes)	1
23	5P5624	WIRE-----, 35 m (13.78 in.)-----	1
24	2L8075	TERMINAL -----	1
25	5P5610	CONNECTOR -----	1
25	5G2014	WIRE ASSEM. ----- (Includes)	1
26	5P5622	WIRE-----, 1 m (3.94 in.)	1
27	2L8079	TERMINAL -----	1
28	2L8075	TERMINAL -----	1

▲ ORDER BY THE METER 235543



REF NO	PART NUMBER	DESCRIPTION	QTY.
1	2L8067	TERMINAL-----	1
2	6N9587	CONNECTOR-----	6
3	2L8069	TERMINAL-----	1
4	2L8079	TERMINAL-----	1
5	2L8075	TERMINAL-----	2
6	5P6271	CONNECTOR-----	1
7	6K613	CONNECTOR-----	1
8	98708	BOOT-----	1

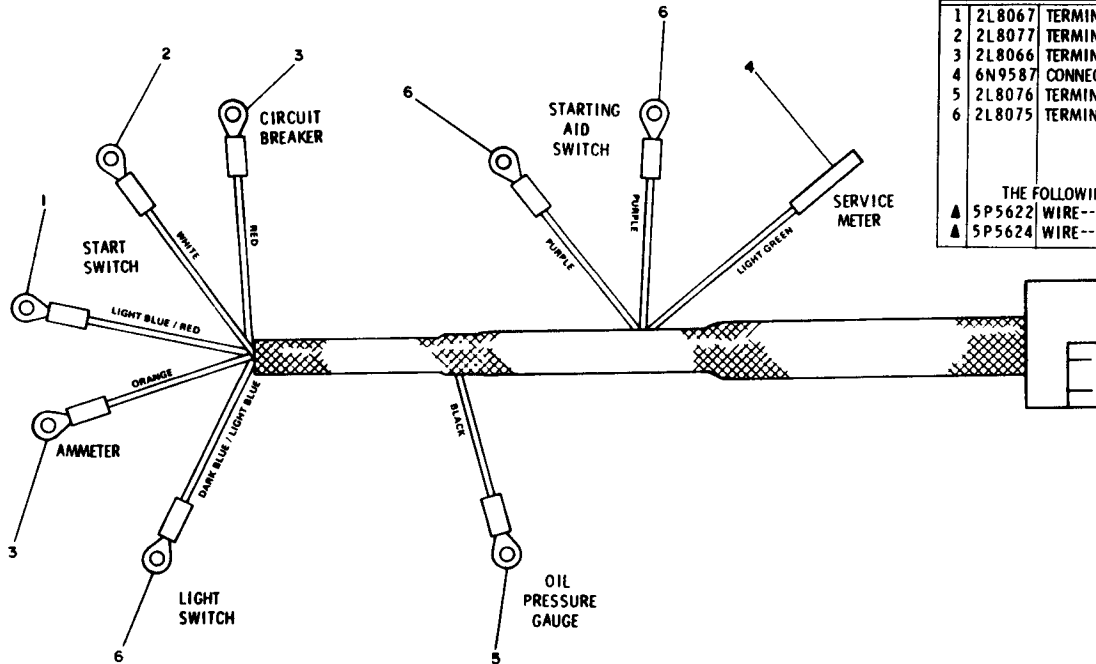
THE FOLLOWING WIRES ARE AVAILABLE:

5P5622	WIRE-----	(10 gauge)
5P5624	WIRE-----	(14 gauge)

▲ ORDER BY THE METER

222204

5G229 HARNESS ASSEMBLY
 Serial No. 23Y1 to 23Y1035 inclusive
 Part of 5G237 Battery and Wiring Group shown on Page 41

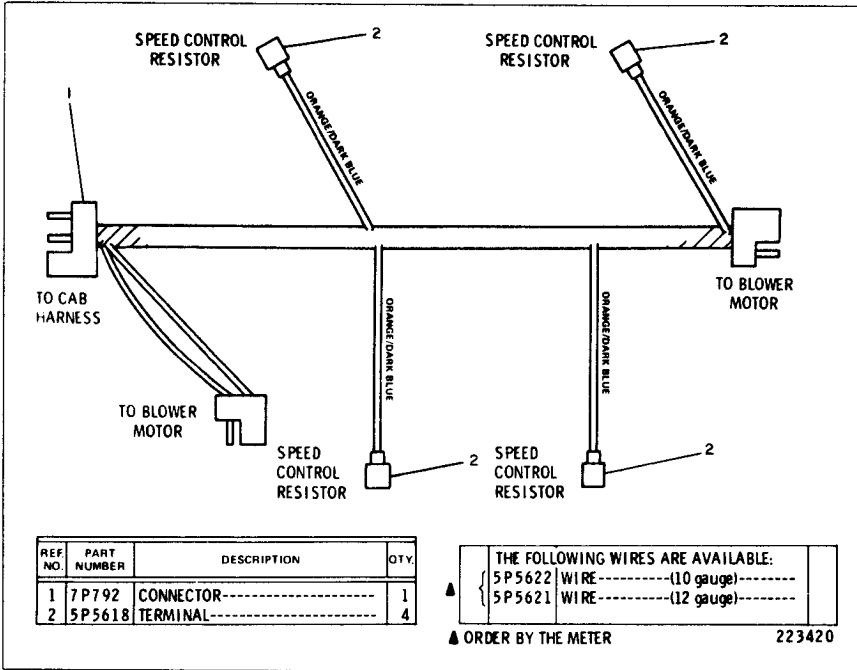


REF NO.	PART NUMBER	DESCRIPTION	QTY
1	2L 8067	TERMINAL-----	1
2	2L 8077	TERMINAL-----	1
3	2L 8066	TERMINAL-----	2
4	6N 9587	CONNECTOR-----	1
5	2L 8076	TERMINAL-----	1
6	2L 8075	TERMINAL-----	3
<p align="center">THE FOLLOWING WIRES ARE AVAILABLE:</p> ▲ 5P 5622 WIRE----- (10 gauge) ▲ 5P 5624 WIRE----- (14 gauge)			

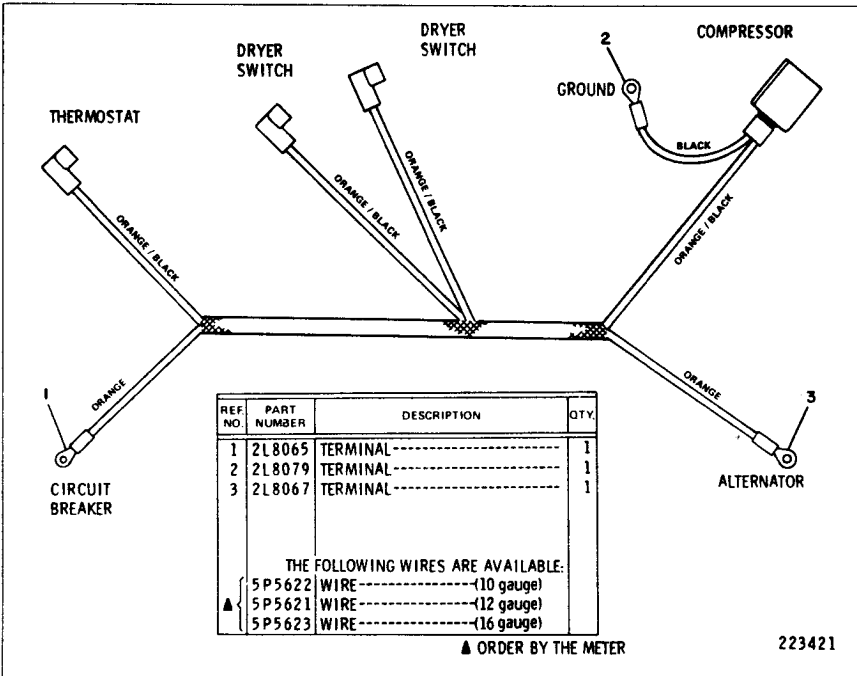
▲ ORDER BY THE METER

223180

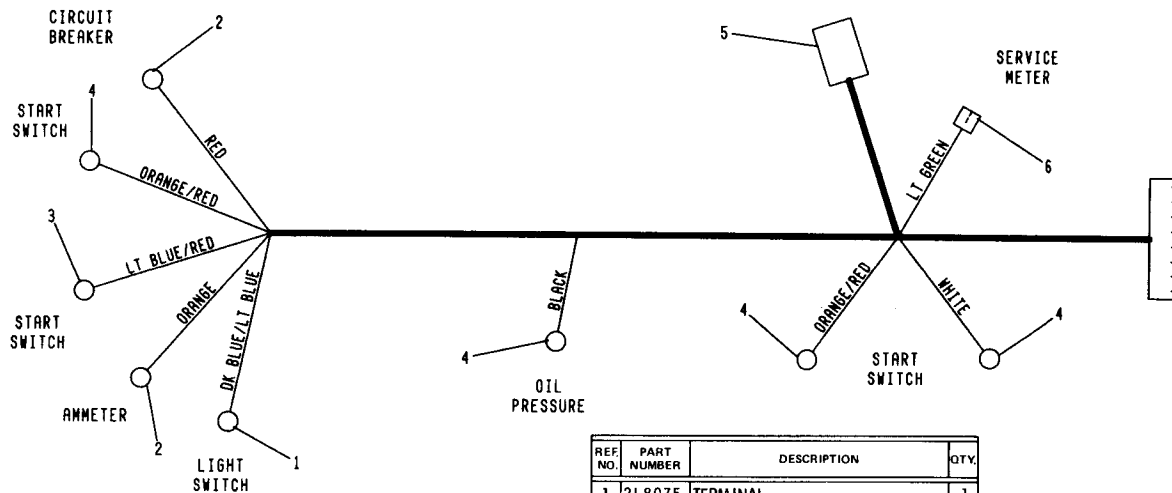
CATERPILLAR D3B TRACTOR



5G301 HARNESS ASSEMBLY—Cab
 Part of 5G457 Cab Wiring Group shown on Page 44
 AN ATTACHMENT



5G2059 HARNESS ASSEMBLY—Cab
 Part of 5G457 Cab Wiring Group shown on Page 44
 AN ATTACHMENT



REF NO.	PART NUMBER	DESCRIPTION	QTY.
1	2L8075	TERMINAL-----	1
2	2L8066	TERMINAL-----	2
3	2L8067	TERMINAL-----	1
4	2L8076	TERMINAL-----	4
	7N9738	HOUSING-----	1
5	7N7779	SOCKET-----	1
	7N7780	PIN-----	1
6	6N9587	CONNECTOR-----	1

THE FOLLOWING WIRES ARE AVAILABLE:

▲ 5P5622 WIRE----- (10 gauge)

▲ 5P5624 WIRE----- (14 gauge)

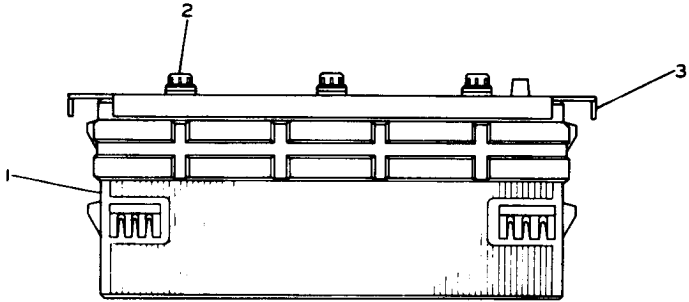
▲ ORDER BY THE METER

■ 301169

5G3901 HARNESS ASSEMBLY

Serial No. 23Y1036—Up

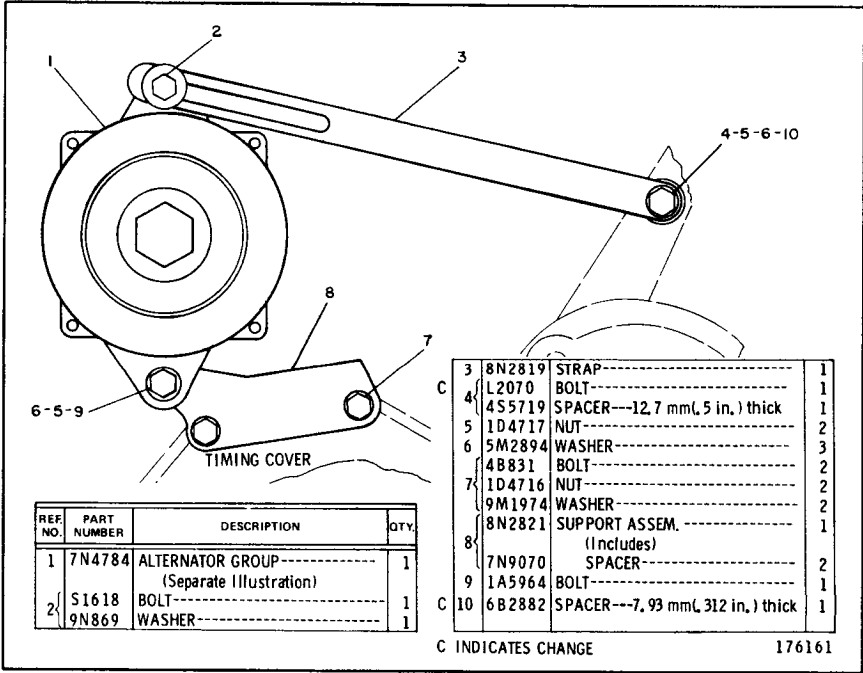
Part of 5G237 Battery and Wiring Group shown on Pages 43D and 43G



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4S9219	BATTERY----- (includes)	1
2	5S8405	PLUG-----	6
3	6S4126	FRAME ASSEM.-----	1

217295

6S3548 HEAVY DUTY BATTERY GROUP
AN ATTACHMENT



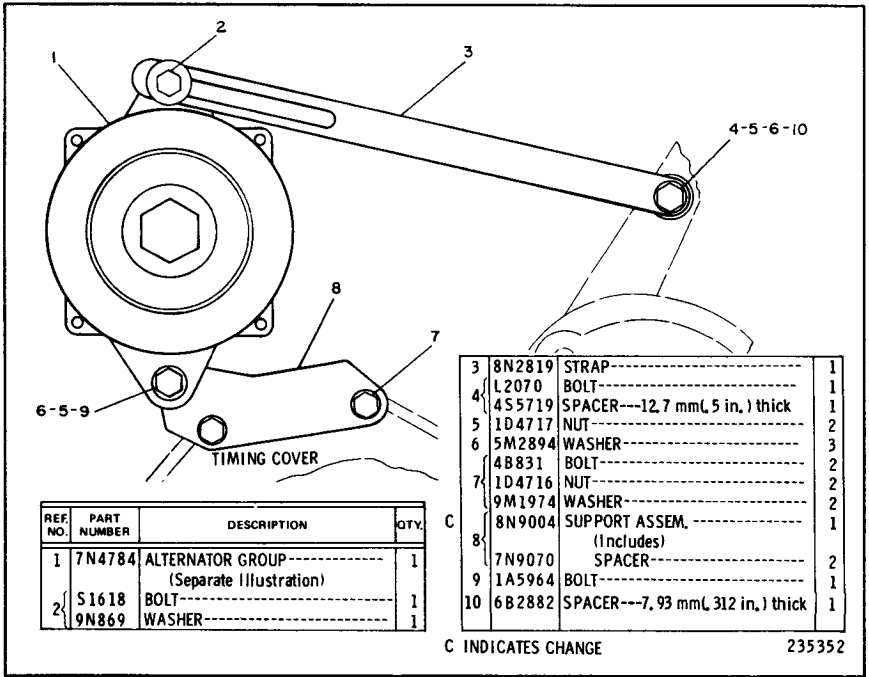
7N5140 ALTERNATOR GROUP
Engine Serial No. 45V21898 to 45V28031 Inclusive
7N4784 Alternator parts are shown on Page 50B

CONSISTS OF:

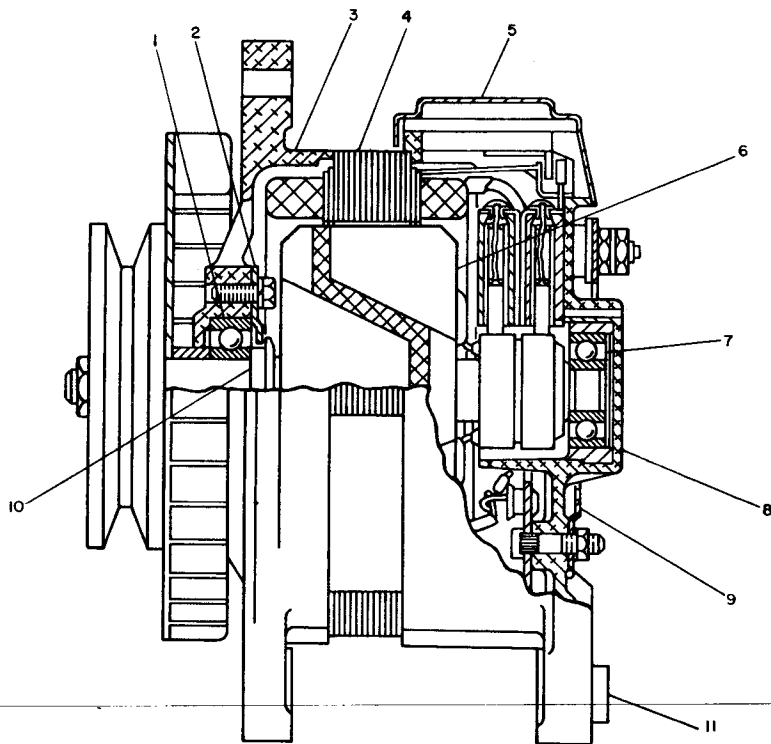
PAGE

- | | | | |
|---|--------|----------------------------|----|
| 1 | 8N2268 | ALTERNATOR GROUP | 51 |
| 1 | 9S173 | CIRCUIT BREAKER--60 AMPERE | |

8N2822 ALTERNATOR GROUP—12 Volt, 75 Ampere
Part of 5G1 Roll-Over Protection System Group listed on Page 193
AN ATTACHMENT



7N5140 ALTERNATOR GROUP
 Engine Serial No. 45V28032—Up
 7N4784 Alternator parts are shown on Page 50B



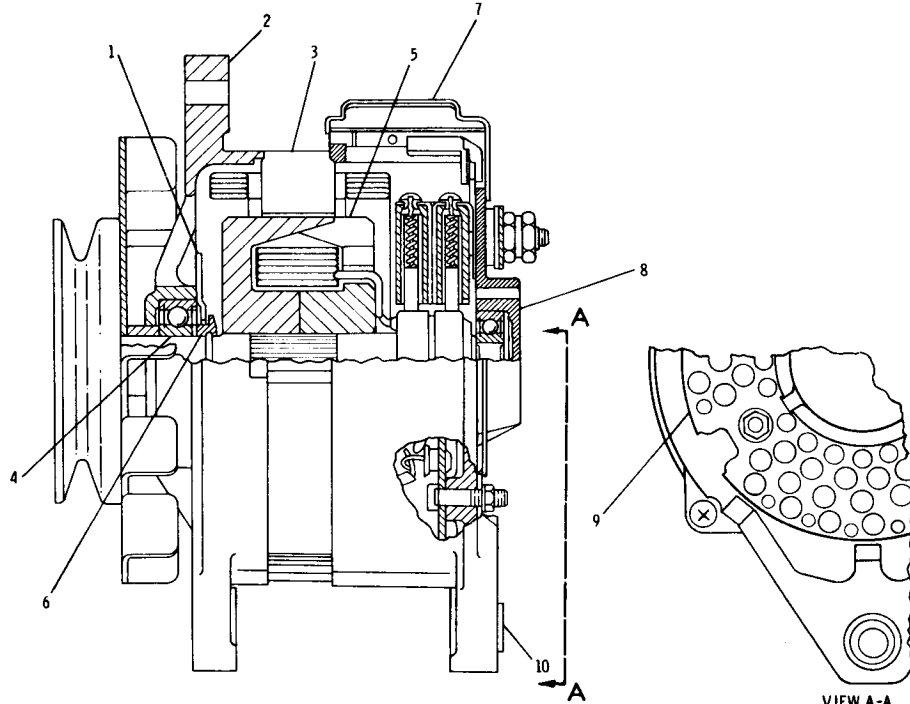
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5P841	BEARING-----	1
2	4N5902	COVER-----	1
3	7N5965	FRAME-----	1
4	7N5964	RECTIFIER & STATOR ASSEM.-----	1
5	7N5961	REGULATOR ASSEM.-----	1
6	7N5963	ROTOR ASSEM.-----	1
		(Includes)	
7	7F8660	BEARING-----	1
8	7N5966	FRAME ASSEM.-----	1
9	7N5962	COVER----- (rear)	1
10	4N6980	SPACER-----	1
C 11	3T572	BUSHING-----	1
THE FOLLOWING REPAIR KITS ARE AVAILABLE:			
	7N5969	KIT-----(Insulator)-----	1
	7N5968	KIT-----(Hardware)-----	1
		(Includes Screw Assems., Regulator Cover, Nuts, Washers, and Lockwashers)	
C	9G5191	KIT-----(Alternator Drive)-----	1
		(Includes Fan, Pulley, Collar, Nut, Spacer and Lockwasher)	
C	3T573	KIT----- (Brush)-----	1

C INDICATES CHANGE

230498

7N4784 ALTERNATOR GROUP—12 Volt, 40 Ampere
Part of 7N5140 Alternator Group shown on Pages 50 and 50A

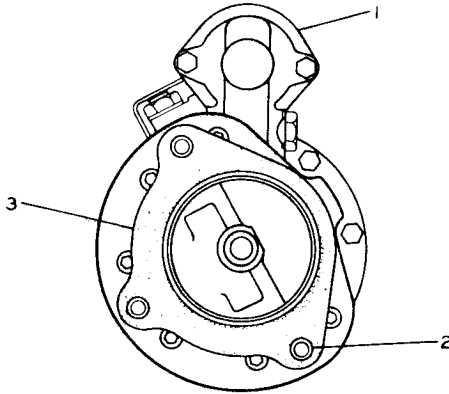
8N2268 ALTERNATOR GROUP—12 Volt, 75 Ampere
Part of 8N2822 Alternator Group listed on Page 50
AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4N5902	COVER-----	1
2	9G5188	FRAME-----	1
3	9G5189	RECTIFIER & STATOR ASSEM. ----	1
4	5P841	BEARING-----	1
5	9G5190	ROTOR ASSEM. -----	1
6	4N6980	SPACER-----	1
7	7N5961	REGULATOR ASSEM. -----	1
8	9G5187	FRAME ASSEM. -----	1
9	3Y3887	COVER----- (rear)	1
C 10	3T572	BUSHING-----	1
THE FOLLOWING REPAIR KITS ARE AVAILABLE:			
	9G5192	KIT----- (alternator drive)----- (Includes fan, pulley, nut, collar, lockwasher & spacer)	1
	9G5194	KIT----- (insulator)----- (Includes 14 insulators)	1
	9G5193	KIT----- (hardware)----- (Includes screws, nuts, lockwasher, washers, and regulator cover)	1
C	3T574	KIT----- (brush)----- (Includes brushes and springs)	1

C INDICATES CHANGE

178983



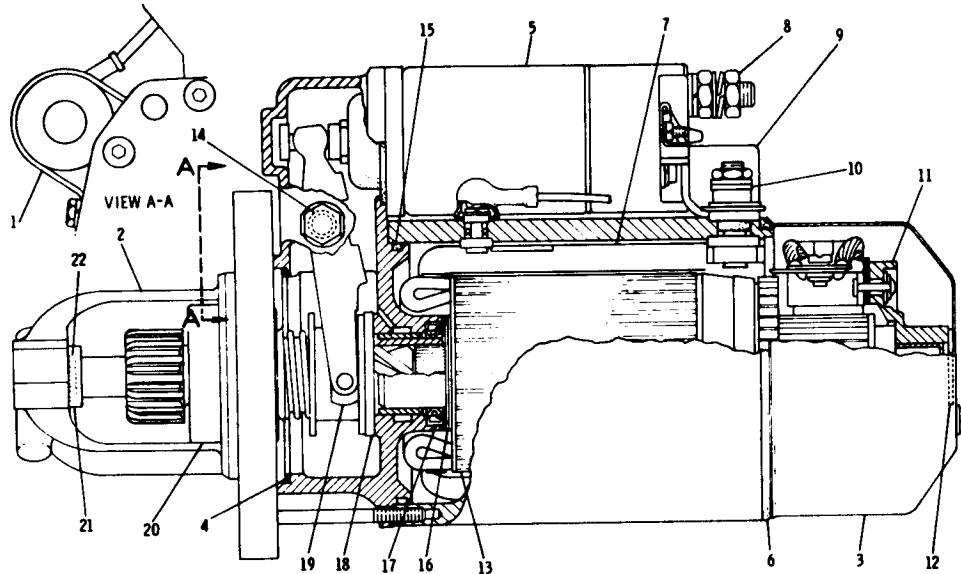
REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	4N241	MOTOR GROUP----- (Separate Illustration)	1
C 2	51588	BOLT-----	3
	3B4506	LOCKWASHER-----	3
C 3	3K3257	GASKET-----	1

C INDICATES CHANGE

146006

4N190 ELECTRIC STARTING MOTOR GROUP—12 Volt
4N241 Motor parts are shown on Page 53

4N241 ELECTRIC STARTING MOTOR GROUP—12 Volt—Type 1
Part of 4N190 Electric Starting Motor Group shown on Page 52
4N6938 and 8N410 Switch parts are shown on Pages 54 and 56



THE FOLLOWING REPAIR KITS ARE AVAILABLE:

- 4N754B-KIT ----- (Armature Thrust Washer) ----- 1
(Includes: 2 Washers)
- 4N7549-KIT ----- (Insulator) ----- 1
(Includes: 4 Bushings)
- 4N7550-KIT ----- (Terminal Stud) ----- 1
(Includes: Stud, Washer, Seal, Bushing)
- 4N7551-KIT ----- (Core Contact) ----- 1
(Includes: Spring, Insulator, Stud, Contact, Strap, Nut)

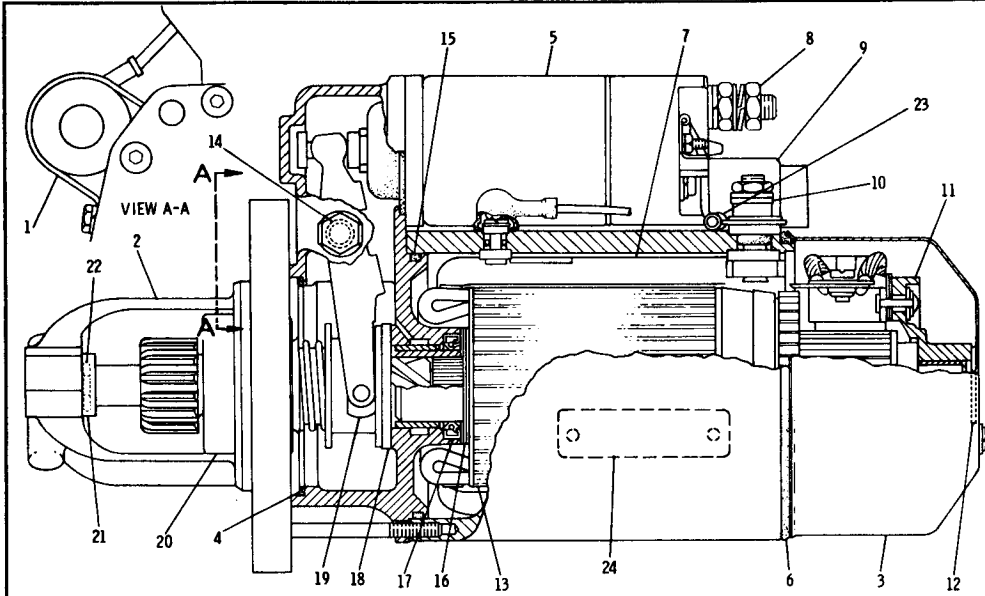
- 4N7552-KIT ----- (Bearing) ----- 1
(Includes: 3 Bearings)
- 4N7553-KIT ----- (Field Coil) ----- 1
(Includes: Coil, Bolt, Screw, Washer, Bushing, Seal)
- 4N7554-KIT ----- (Brush) ----- 1
(Includes: Brush, Plate, Seal, Gasket, Screw Assem.)
- 4N7555-KIT ----- (Seal) ----- 1
(Includes: Seals, Boot, Gasket)
- 4N7565-KIT ----- (Hardware) ----- 1
(Includes: Bolts, Screw, Nuts, Washers, Lockwashers)

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
C 1	8N410	SWITCH GROUP ----- (Separate Illustration)	1
2	4N7473	HOUSING ASSEM. -----	1
3	4N7472	COVER -----	1
4	4N7475	SEAL -----	1
5	4N6938	SWITCH ASSEM. ----- (Separate Illustration)	1
6	2J8163	SEAL -----	1
7	4N7530	SHOE -----	4
8	6H8346	NUT -----	2
8	3B4506	LOCKWASHER -----	2
9	6N3763	COVER -----	1
10	4N7476	CONNECTOR -----	1
11	4N7477	PLATE ASSEM. ----- (brush)	1
12	4N7474	GASKET -----	1
12	4N6940	ARMATURE AND DRIVE ASSEM. ----- (Includes)	1
13	4N6942	ARMATURE ASSEM. -----	1
14	6M5062	SEAL -----	1
15	7M9909	SEAL -----	1
16	4N7525	WASHER -----	1
17	4N7527	SEAL -----	1
18	4N7524	WASHER -----	1
19	4N6941	LEVER ASSEM. -----	1
20	4N7523	CLUTCH ASSEM. -----	1
21	4N7522	COLLAR -----	1
22	4N7521	RING -----	1

C INDICATES CHANGE

223553

4N241 ELECTRIC STARTING MOTOR GROUP—12 Volt—Type 2
Part of 4N190 Electric Starting Motor Group shown on Page 52
8N410 and 9G5517 Switch parts are shown on Pages 56 and 56A



THE FOLLOWING REPAIR KITS ARE AVAILABLE:

4N7548-KIT----- (Armature Thrust Washer) ----- 1
 (Includes: 2 Washers)

4N7549-KIT----- (Insulator) ----- 1
 (Includes: 4 Bushings)

4N7550-KIT----- (Terminal Stud)----- 1
 (Includes: Stud, Washer, Seal, Bushing)

4N7551-KIT----- (Core Contact)----- 1
 (Includes: Spring, Insulator, Stud, Contact, Strap, Nut)

4N7552-KIT----- (Bearing) ----- 1
 (Includes: 3 Bearings)

4N7553-KIT----- (Field Coil) ----- 1
 (Includes: Coil, Bolt, Screw, Washer, Bushing, Seal)

4N7554-KIT----- (Brush) ----- 1
 (Includes: Brush, Plate, Seal, Gasket, Screw Assem.)

4N7555-KIT----- (Seal) ----- 1
 (Includes: Seals, Boot, Gasket)

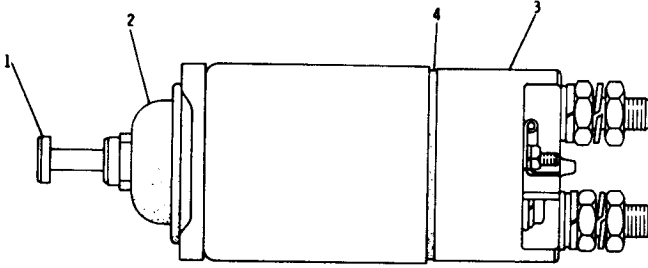
4N7565-KIT----- (Hardware) ----- 1
 (Includes: Bolts, Screw, Nuts, Washers, Lockwashers)

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	8N410	SWITCH GROUP----- (Separate Illustration)	1
2	4N7473	HOUSING ASSEM.-----	1
3	4N7472	COVER-----	1
4	4N7475	SEAL-----	1
C 5	9G5517	SWITCH ASSEM.----- (Separate Illustration)	1
6	2J8163	SEAL-----	1
7	4N7530	SHOE-----	4
8	6H8346	NUT-----	2
8	3B4506	LOCKWASHER-----	2
C 9	9G5390	COVER-----	1
10	4N7476	CONNECTOR-----	1
11	4N7477	PLATE ASSEM.----- (brush)	1
12	4N7474	GASKET-----	1
	4N6940	ARMATURE AND DRIVE ASSEM.---	1
13		(Includes)	
	4N6942	ARMATURE ASSEM.-----	1
14	6M5062	SEAL-----	1
15	7M9909	SEAL-----	1
16	4N7525	WASHER-----	1
17	4N7527	SEAL-----	1
18	4N7524	WASHER-----	1
19	4N6941	LEVER ASSEM.-----	1
20	4N7523	CLUTCH ASSEM.-----	1
21	4N7522	COLLAR-----	1
22	4N7521	RING-----	1
C 23	9G5389	COVER-----	1
C 24	3T5962	NAMEPLATE-----	1
	3H3880	SCREW-----	2

C INDICATES CHANGE

236705

CATERPILLAR D3B TRACTOR



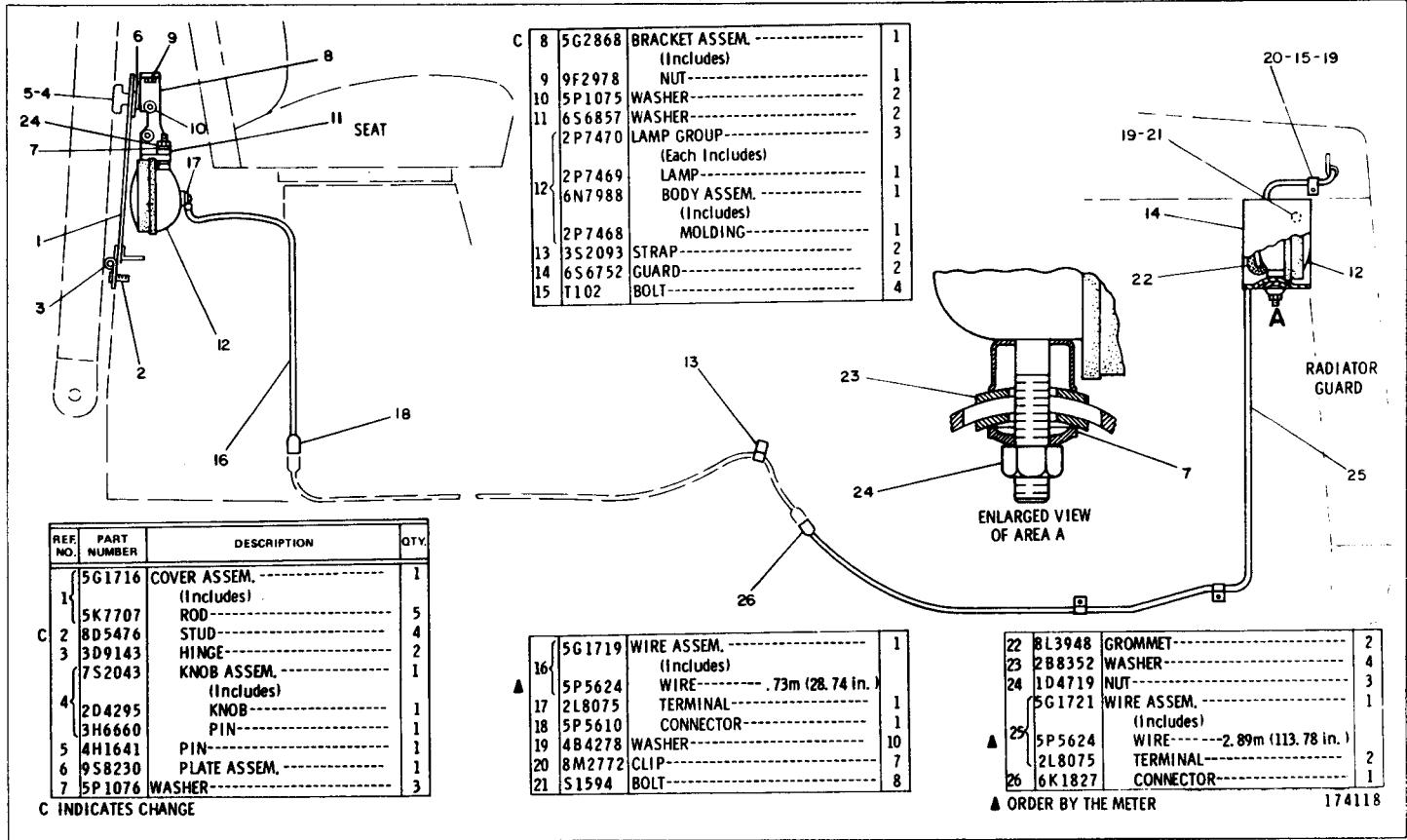
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6N4105	CORE ASSEM. -----	1
2	4N7528	BOOT-----	1
3	6N4727	COVER ASSEM. -----	1
4	4N7547	GASKET-----	1
THE FOLLOWING REPAIR KIT IS AVAILABLE:			
	4N7551	KIT----- (core contact)-----	1
(Includes studs, nuts, lockwashers, washers, seals, spring, contact, etc.)			

162546

4N6938 SWITCH ASSEMBLY

Part of 4N241 Electric Starting Motor Group shown on Page 53

5G1720 LIGHTING GROUP—12 Volt, 3 Lamp
AN ATTACHMENT



C	8	5G2868	BRACKET ASSEM. -----	1
			(Includes)	
	9	9F2978	NUT-----	1
	10	5P1075	WASHER-----	2
	11	6S6857	WASHER-----	2
		2P7470	LAMP GROUP-----	3
			(Each Includes)	
		2P7469	LAMP-----	1
	12	6N7988	BODY ASSEM. -----	1
			(Includes)	
		2P7468	MOLDING-----	1
	13	3S2093	STRAP-----	2
	14	6S6752	GUARD-----	2
	15	T102	BOLT-----	4

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
C	1	5G1716 COVER ASSEM. -----	1
		(Includes)	
		5K7707 ROD-----	5
	2	8D5476 STUD-----	4
	3	3D9143 HINGE-----	2
		7S2043 KNOB ASSEM. -----	1
		(Includes)	
		2D4295 KNOB-----	1
		3H6660 PIN-----	1
		4H1641 PIN-----	1
	6S8230 PLATE ASSEM. -----	1	
	7P1076 WASHER-----	3	

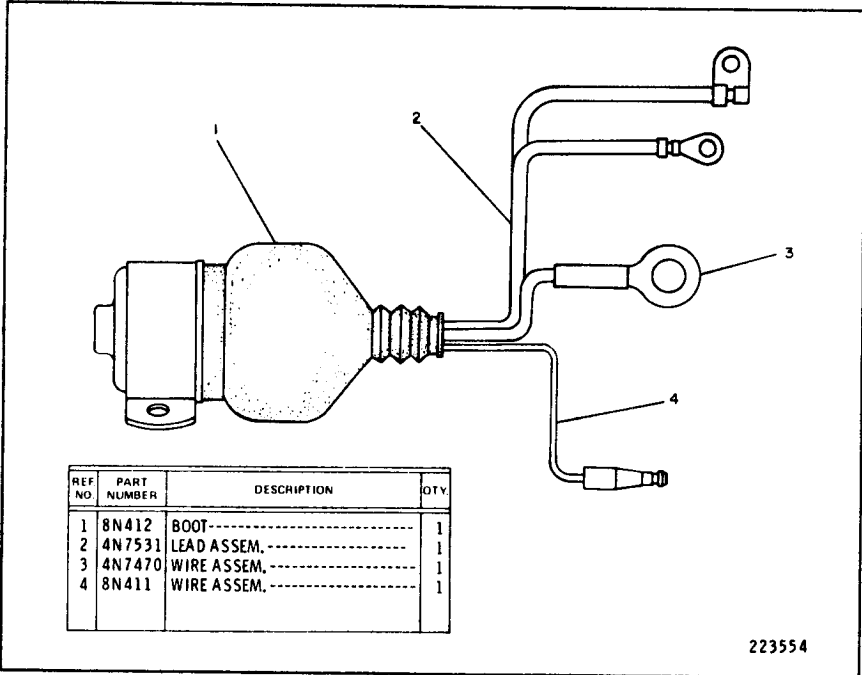
A	16	5G1719 WIRE ASSEM. -----	1
		(Includes)	
		5P5624 WIRE----- .73m (28.74 in.)	1
	17	2L8075 TERMINAL-----	1
	18	5P5610 CONNECTOR-----	1
	19	4B4278 WASHER-----	10
	20	8M2772 CLIP-----	7
	21	S1594 BOLT-----	8

A	22	BL3948 GROMMET-----	2
	23	2B8352 WASHER-----	4
	24	1D4719 NUT-----	3
		5G1721 WIRE ASSEM. -----	1
		(Includes)	
		5P5624 WIRE-----2.89m (113.78 in.)	1
		2L8075 TERMINAL-----	2
		6K1827 CONNECTOR-----	1

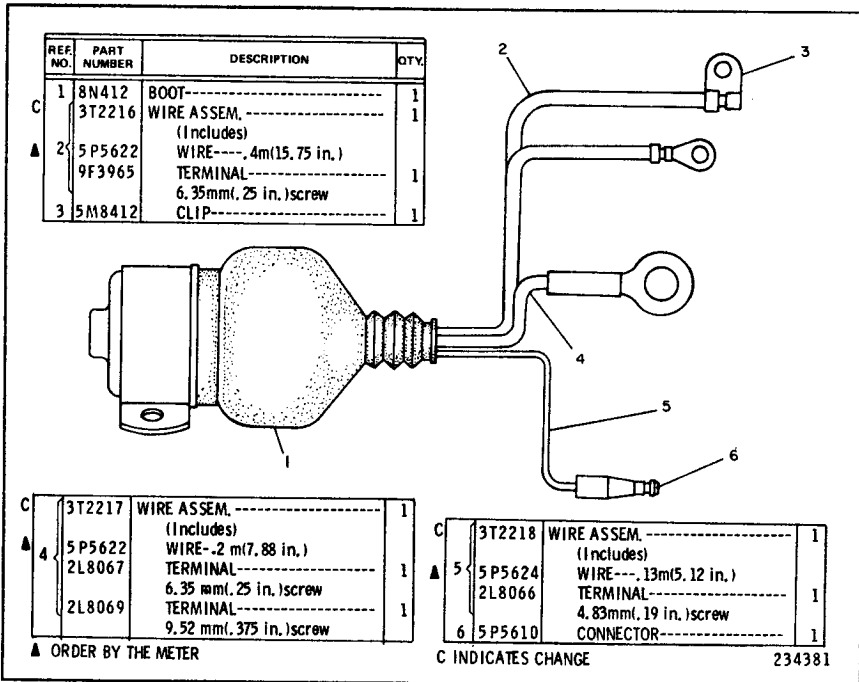
C INDICATES CHANGE

ORDER BY THE METER

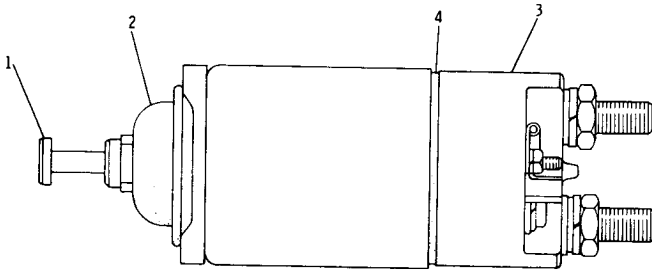
174118



8N410 MAGNETIC SWITCH ASSEMBLY—Type 1
 Part of 4N241 Electric Starting Motor Group shown on Pages 53 and 53B



8N410 MAGNETIC SWITCH ASSEMBLY—Type 2
 Part of 4N241 Electric Starting Motor Group shown on Pages 53 and 53B



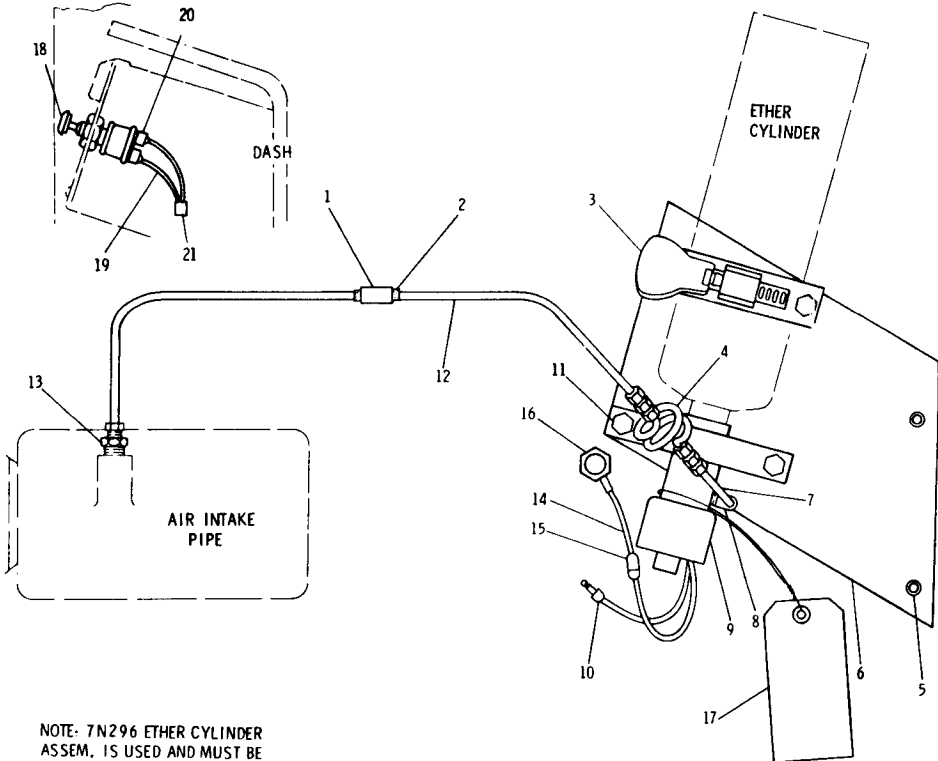
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6N4105	CORE ASSEM. -----	1
2	4N7528	BOOT-----	1
3	9G5387	COVER ASSEM. ----- (Includes)	1
4	9G5388	GASKET-----	1

230500

9G5517 SWITCH ASSEMBLY—12 Volt
Part of 4N241 Electric Starting Motor Group shown on Page 53B

5G2541 ETHER STARTING AID GROUP
Serial No. 23Y1 to 23Y774 Inclusive
Available as An Attachment at Serial No. 23Y775—Up

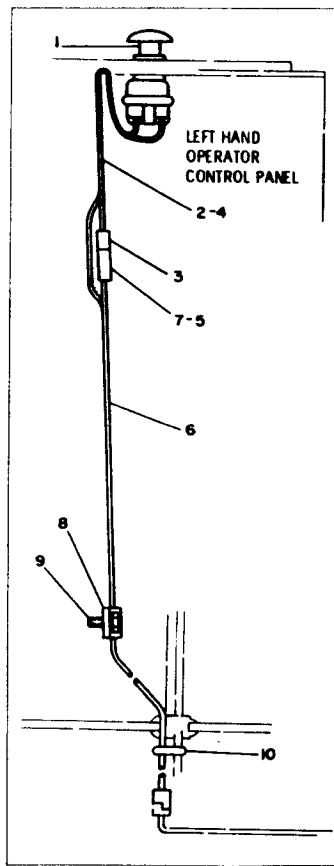
REF NO	PART NUMBER	DESCRIPTION	QTY
1	8M2772	CLIP-----	1
2	3D5102	GROMMET-----	1
3	7N2059	CLAMP ASSEM.-----	1
4	7N140	TUBE ASSEM.-----	1
5	S 509	BOLT-----	2
6	5G2480	PLATE-----	1
7	5G659	TUBE-----	1
	5P6315	ELBOW-----	1
8	5P6313	NUT-----	1
	5P6314	SLEEVE-----	1
9	6N7673	VALVE ASSEM.-----	1
		(Includes)	
10	5P5610	CONNECTOR-----	2
	1C569	BOLT-----	4
11	4B3849	WASHER-----	4
12	5G660	TUBE-----	1
13	6N7672	ATOMIZER ASSEM.-----	1
	5G663	WIRE ASSEM.-----	1
		(Includes)	
▲ 14	5P5629	WIRE-----, 1 m (3.94 in.)	1
	2L8075	TERMINAL-----	1
15	6N9587	CONNECTOR-----	1
16	6N5899	SWITCH----- (limit)	1
C 17	2V1713	TAG----- (Instruction)	1
C 18	3T306	SWITCH----- (starting aid)	1
CA 19	5P5624	WIRE-----, 16m (6.30 in.)	1
C 20	2L8075	TERMINAL-----	2
C	7N9737	HOUSING-----	1
C 21	7N7780	PIN-----	1
C	7N7779	SOCKET-----	1
C	SMHS7748	FORM----- (Installation of Ether Starting Aid Group)	1



NOTE: 7N296 ETHER CYLINDER ASSEM. IS USED AND MUST BE PURCHASED FROM YOUR CATERPILLAR DEALER.

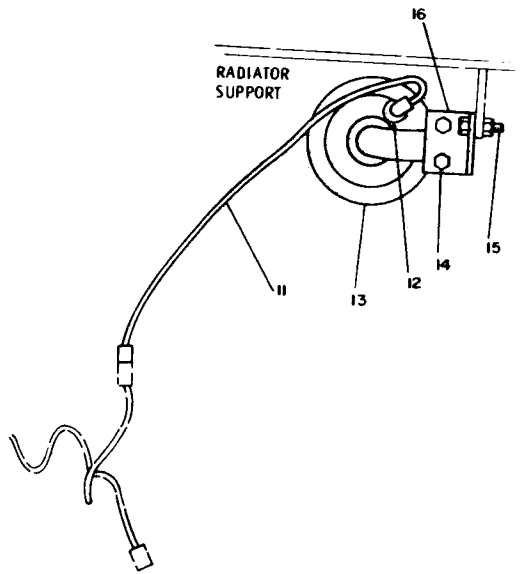
C INDICATES CHANGE
 ▲ ORDER BY THE METER

178587



REF NO	PART NUMBER	DESCRIPTION	QTY
1	8P230	SWITCH----- (horn)-----	1
	5G1814	WIRE ASSEM.-----	1
2		(Includes)	
▲	5P5624	WIRE-----,25m (9,84 in.)	1
3	2S5012	CAP-----	1
	2S5014	CONTACT-----	1
4	2L8075	TERMINAL---- (horn switch)---	1
5	3K8782	FUSE----- (10 amp)-----	1
	5G1813	HARNES ASSEM.-----	1
		(Includes)	
▲	5P5624	WIRE----- (14 gauge)	1
	2L8075	TERMINAL---- (horn switch)--	1
	2S5011	BODY-----	1
7	2S5013	SPRING-----	1
	2S5014	CONTACT-----	1
8	8M2772	CLIP-----	1
9	S509	BOLT-----	1
	5M2894	WASHER-----	1
10	3S2093	STRAP-----	1
	5G1811	WIRE ASSEM.-----	1
		(Includes)	
▲	5P5624	WIRE----- 4 m (15,75 in.)	1
12	3P3410	TERMINAL-----	1
	3P3413	SHELL-----	1
13	6S7339	HORN ASSEM.---- (12 volt)-----	1
C	S1615	BOLT-----	2
	1B4330	NUT-----	2
	5P4115	WASHER-----	2
C	S1617	BOLT-----	2
15	1D4716	NUT-----	2
	5P4116	WASHER-----	2
16	5G1815	PLATE-----	1

▲ ORDER BY THE METER

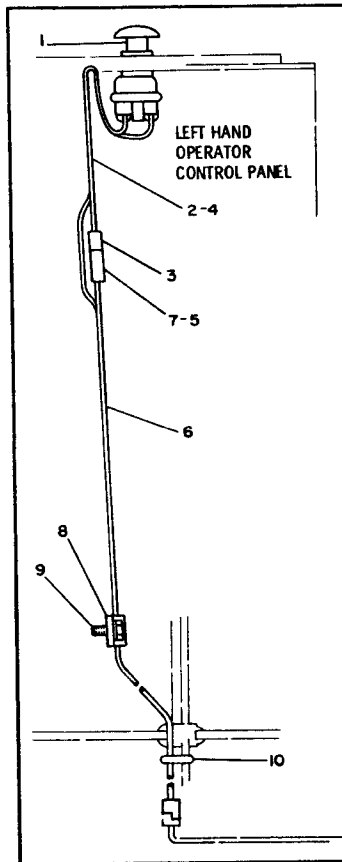


C INDICATES CHANGE

173522

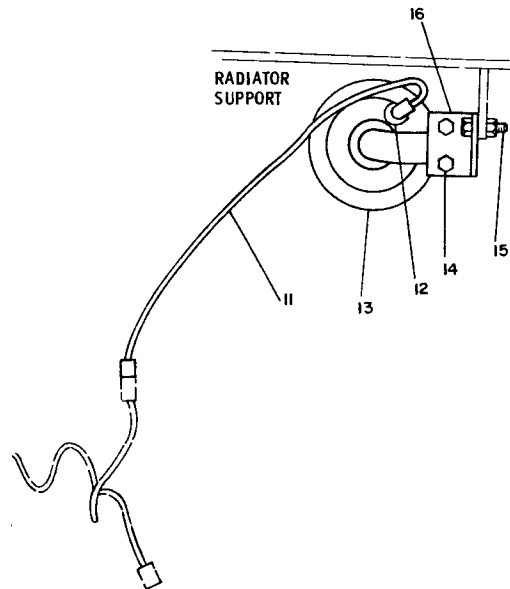
5G1812 ELECTRIC HORN GROUP—Type 1
AN ATTACHMENT

5G1812 ELECTRIC HORN GROUP—Type 2 AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
C 1	3T2357	SWITCH------(horn)-----	1
C 1	5G3931	WIRE ASSEM.-----	1
2		(Includes)	
▲ 2	5P5624	WIRE-----,25m (9.84 in.)	1
3	2S5012	CAP-----	1
3	2S5014	CONTACT-----	1
4	2L8076	TERMINAL-----(horn switch)---	1
5	3K8782	FUSE------(10 amp)-----	1
C 5	5G3932	HARNES ASSEM.-----	1
		(Includes)	
▲ 6	5P5624	WIRE------(14 gauge)	1
6	2L8076	TERMINAL-----(horn switch)---	1
7	2S5011	BODY-----	1
7	2S5013	SPRING-----	1
7	2S5014	CONTACT-----	1
8	8M2772	CLIP-----	1
9	S509	BOLT-----	1
9	5M2894	WASHER-----	1
10	3S2093	STRAP-----	1
10	5G1811	WIRE ASSEM.-----	1
		(Includes)	
▲ 11	5P5624	WIRE-----, 4 m (15.75 in.)	1
12	3P3410	TERMINAL-----	1
12	3P3413	SHELL-----	1
13	6S7339	HORN ASSEM.-----(12 volt)-----	1
14	S1615	BOLT-----	2
14	1B4330	NUT-----	2
14	5P4115	WASHER-----	2
14	S1617	BOLT-----	2
15	1D4716	NUT-----	2
15	5P4116	WASHER-----	2
16	5G1815	PLATE-----	1

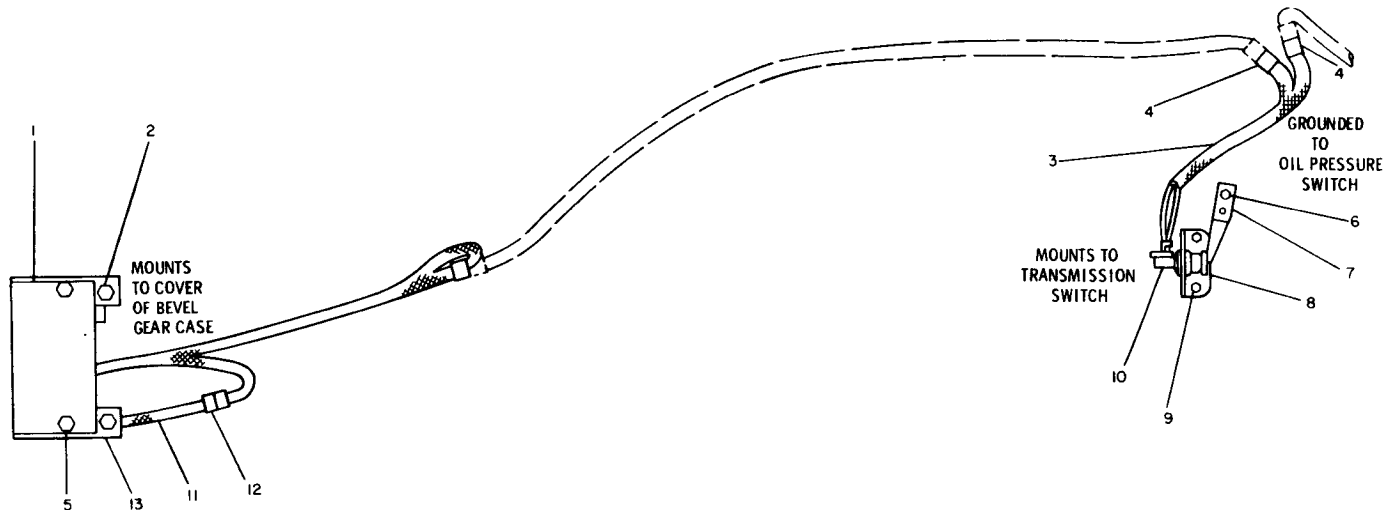
▲ ORDER BY THE METER



C INDICATES CHANGE

305466

5G990 BACK-UP WARNING GROUP AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	8P8845	ALARM-----	1
2	S1588	BOLT-----	4
	5G1751	HARNES ASSEM. (Includes)	1
▲ 3	5P5624	WIRE----- (14 gauge)	2
	6K613	TERMINAL-----	2
4	5P5610	CONNECTOR-----	2
	S1608	BOLT-----	2
5	5P1075	WASHER-----	2
	2H3755	BOLT-----	1
6	5P4116	WASHER-----	1

▲ ORDER BY THE METER

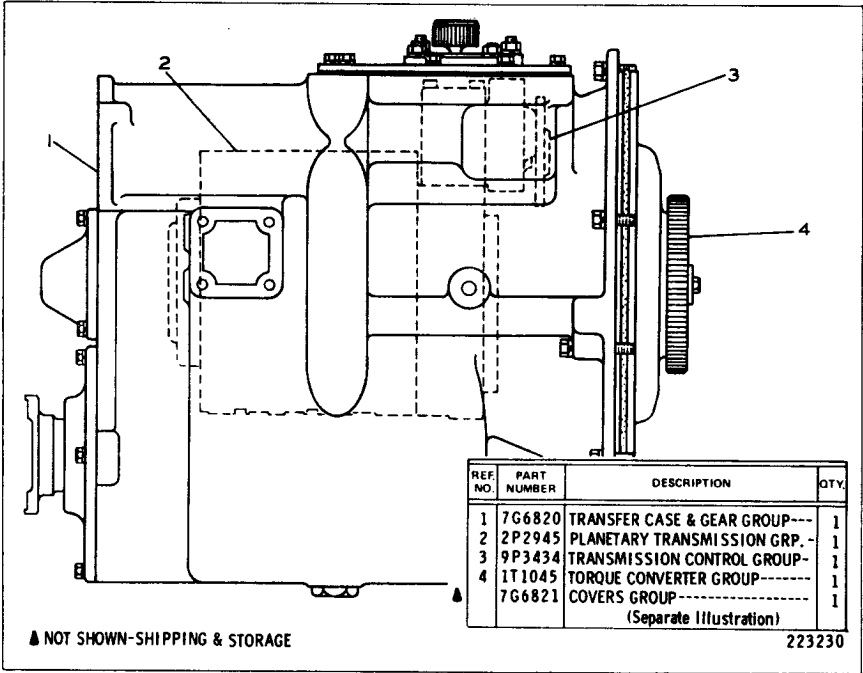
C	7	5G3008	LEVER-----	1
	8	6S8730	BRACKET-----	1
C	9	S1618	BOLT-----	2
		4B4277	WASHER-----	2
10		6S6861	SWITCH ASSEM. --- (alarm)---	1
		4V321	WIRE ASSEM. (Includes)	1
▲ 11		5P5624	WIRE----- .18 m (7.08 in.)	2
		2L8079	TERMINAL-----	1
12		6N9587	CONNECTOR-----	1

C INDICATES CHANGE

	13	6S9229	PLATE ASSEM.-----	2
			(Includes)	
		9F2978	NUT-----	1
C		SMHS7555	FORM----- (Installation of Back-Up Warning)	1

▲ ORDER BY THE METER

309006



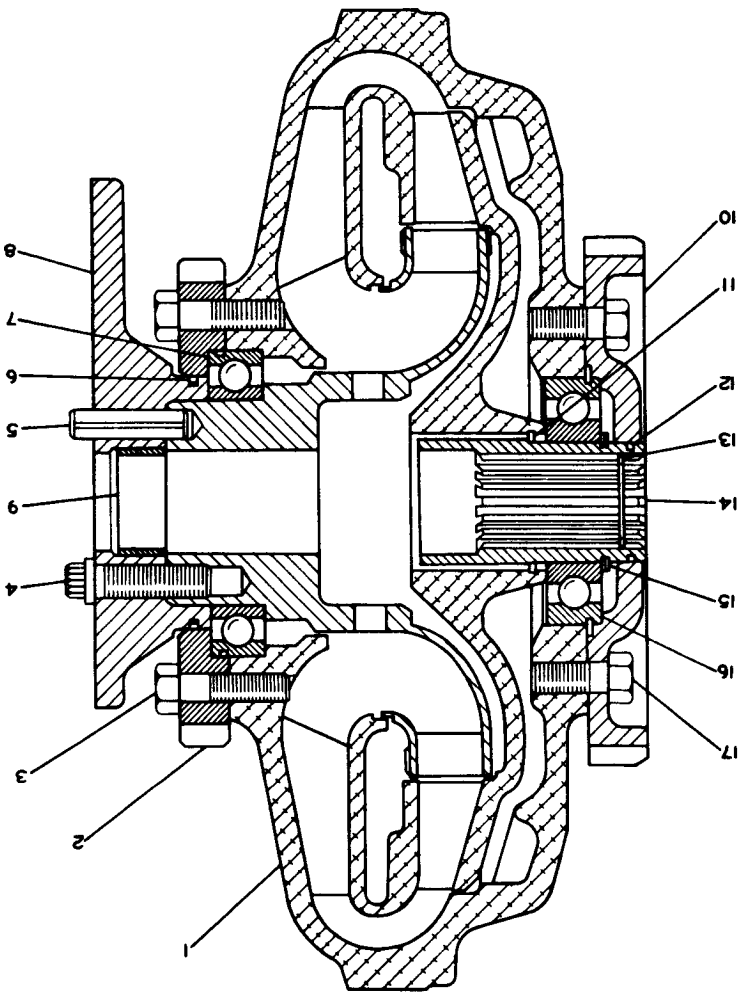
7G6822 TRANSMISSION ARRANGEMENT

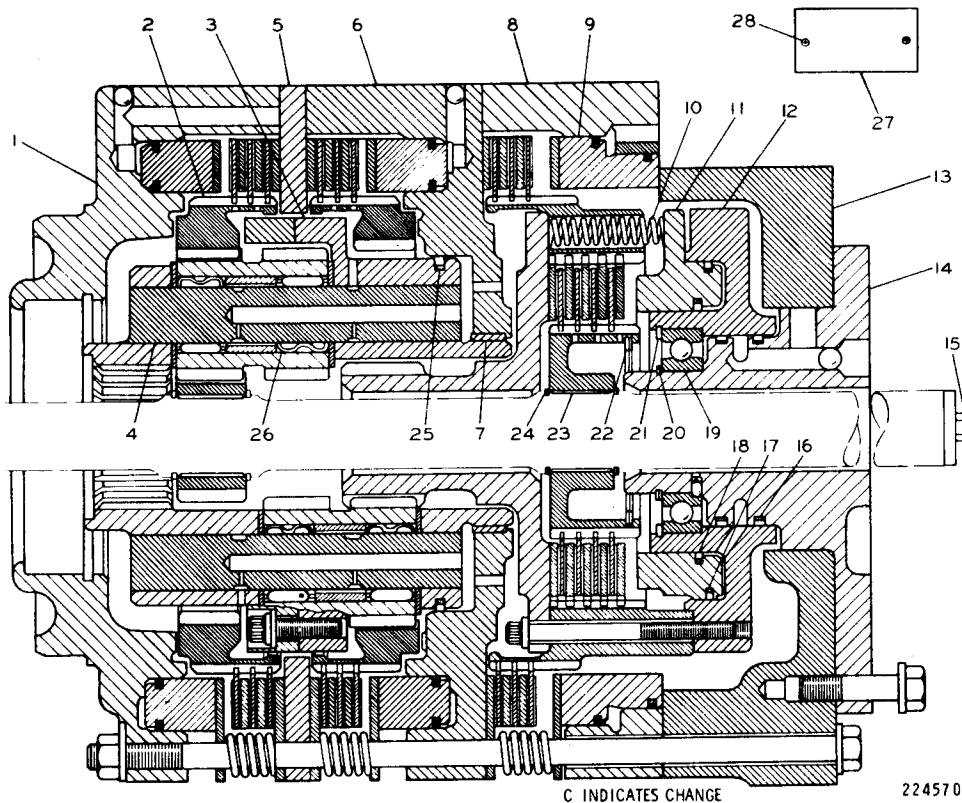
Transmission Serial No. 1EA1—Up. 1T1045 Torque Converter, 2P2945 Planetary Transmission, 7G6820 Transfer Case and Gear and 9P3434 Transmission Control parts are shown on Pages 61 through 65 and 68

C INDICATES CHANGE

11	111004	RING	-----	1
11	111230	RING	-----	1
13	3K6837	RING	-----	1
14	1T996	HUB	-----	1
15	1J6470	RING	-----	1
16	1T993	BEARING	-----	1
17	51594	BOLT	-----	12

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1T1021	HOUSING ASSM.	1
2	1T1002	GEAR (48 Teeth)	1
3	3B1915	BOLT	8
4	5P76	BOLT	4
5	2J5850	PIN	2
6	1T1231	RING	1
7	1T1994	BEARING	1
8	1T1054	FLANGE ASSM.	1
9	2M2827	BEARING	1
10	1T1003	SPIDER	1

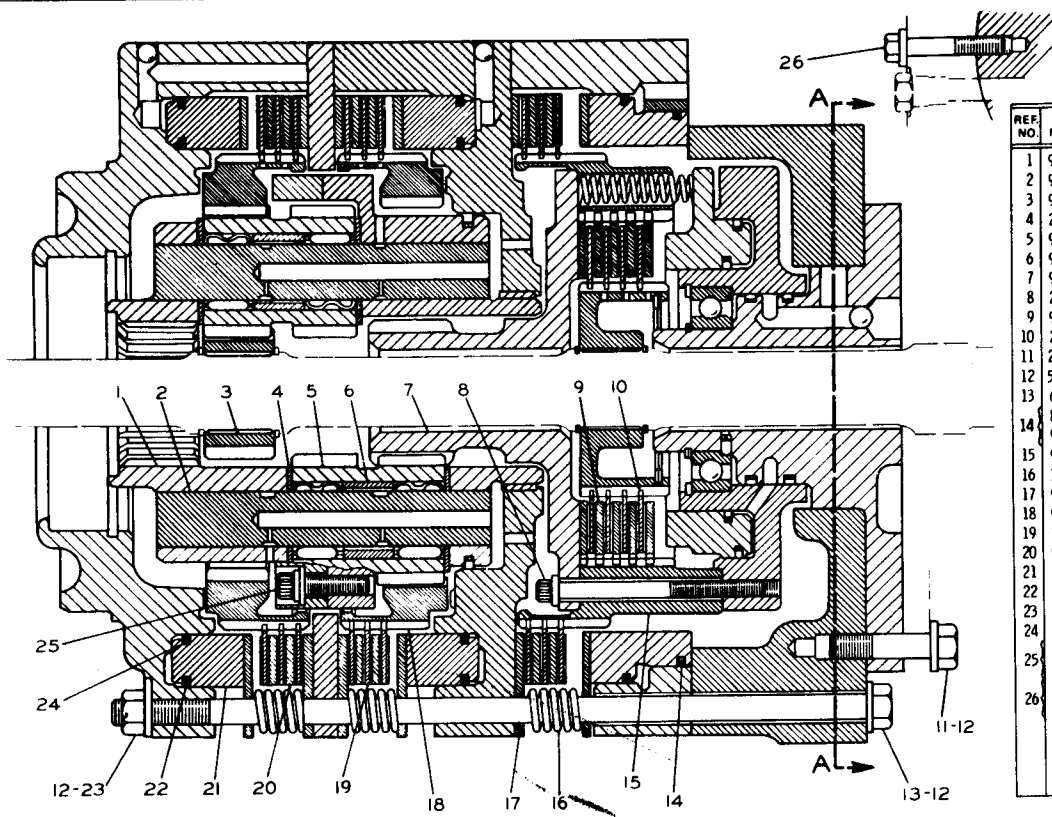




REF NO	PART NUMBER	DESCRIPTION	QTY
1	3P743	HOUSING ASSEM.	1
1	4B9880	BALL	1
2	9S6897	GEAR (54 Teeth)	1
3	9S8417	CARRIER ASSEM.	1
4	9S2774	SHAFT	3
5	9S6931	PLATE ASSEM.	1
5	9F2049	DOWEL	2
5	2P3605	HOUSING ASSEM.	1
6	2D6642	BALL 6 mm (L, 250 in. Idia)	2
6	4B9880	BALL 7, 8 mt, 3127 in. dia.	1
6	5B5821	DOWEL	2
7	9S6958	BEARING	1
7	9S6932	HOUSING ASSEM.	1
8	4L4644	STUD	1
8	5B5821	DOWEL	2
9	9S6895	PISTON	1
10	9S8405	SPRING	12
11	9S6951	PISTON	1
12	9S6899	HOUSING	1
13	9S6949	MANIFOLD	1
13	6P6035	MANIFOLD ASSEM.	1
14	8S3426	DOWEL	1
14	4B9782	BALL	1
15	1H5403	BOLT	1
15	9S8413	WASHER	1
16	9S6918	SEAL	2
17	9S6913	SEAL	1
18	9S6914	SEAL	1
19	9S6924	BEARING	1
20	2M3974	RING	1
21	3S6874	RING	1
22	2D1523	RING	1
23	9S6891	HUB (24 Teeth)	1
24	8H350	RING	4
25	9F7383	SEAL	1
26	5M2055	ROLLER ASSEM.	12
27	6V1720	PLATE (Serial No. 1)	1
28	7B3028	SCREW	2

2P2945 PLANETARY TRANSMISSION GROUP—Part 1
Part of 7G6822 Transmission Arrangement shown on Page 60

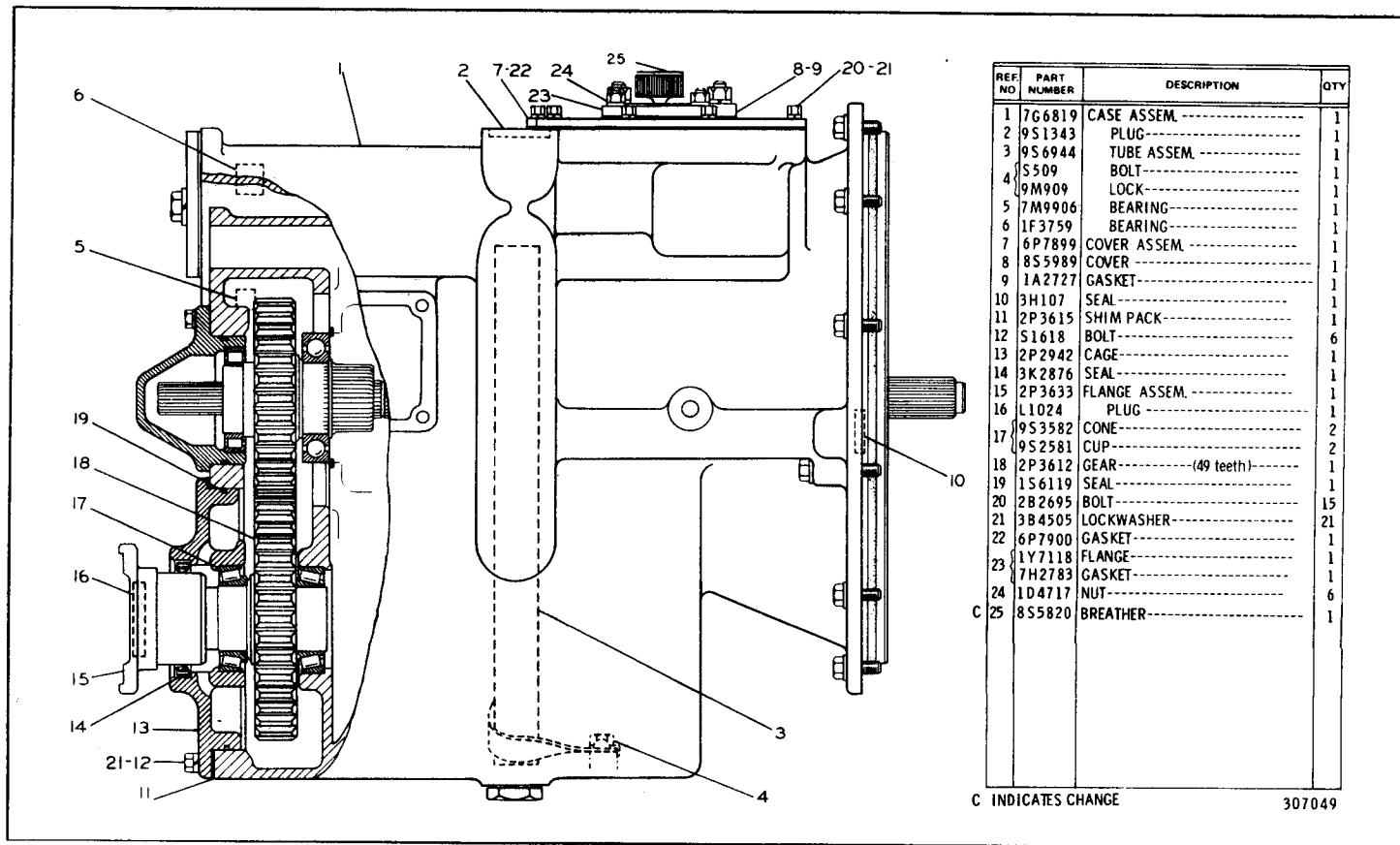
2P2945 PLANETARY TRANSMISSION GROUP—Part 2
Part of 7G6822 Transmission Arrangement shown on Page 60



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9S8416	CARRIER ASSEM.	1
2	9S2774	SHAFT	3
3	9S6894	GEAR (19 Teeth)	1
4	2S1418	WASHER	12
5	9S2772	GEAR (20 Teeth)	6
6	9S8410	SPACER	6
7	9S6898	GEAR (23 Teeth)	1
8	2S5818	BOLT	8
9	9S5209	PLATE	5
10	2P3747	DISC ASSEM.	4
11	2A4639	BOLT	5
12	5M2894	WASHER	16
13	6J934	BOLT	5
14	8S3370	RING	1
	9S6929	SEAL	1
15	9S6917	GEAR (54 Teeth)	1
16	3K5733	SPRING	18
17	9S5261	PLATE	6
18	9S6910	GEAR (54 Teeth)	1
19	2P3719	DISC ASSEM.	9
20	9S5211	PLATE	6
21	2P3596	PISTON	2
22	9S6911	RING	3
23	1D4717	NUT	6
24	2P3597	RING	2
25	1T414	BOLT	6
	9S5282	WASHER	6
	1A5822	BOLT	2
26	2M849	WASHER	2

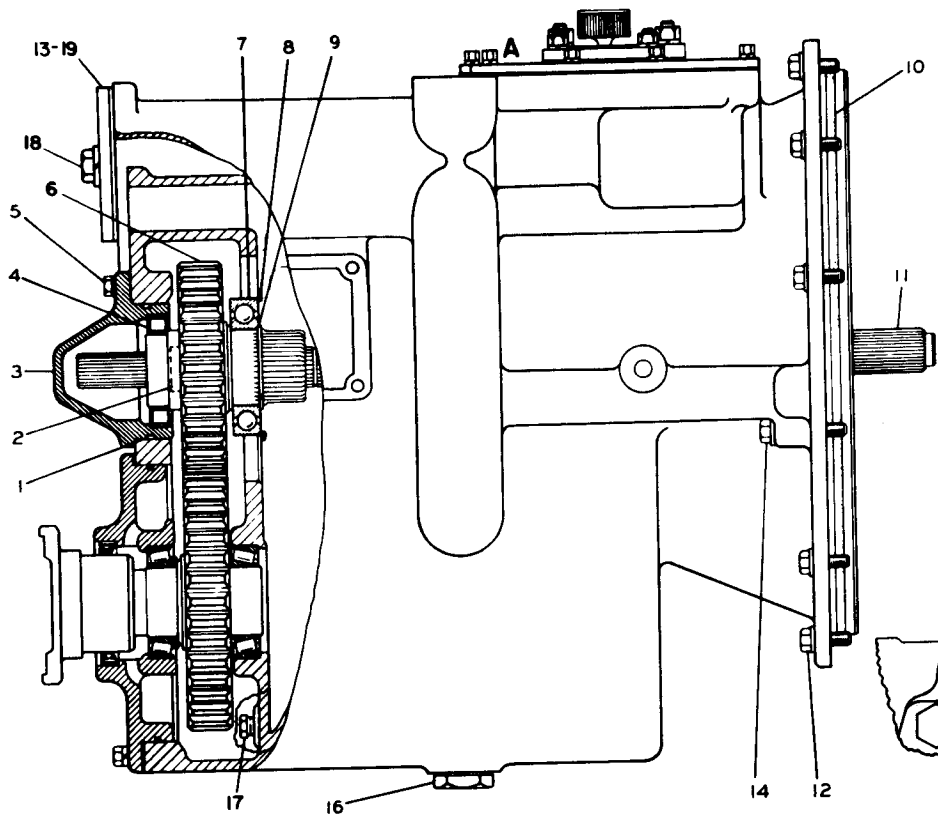
224571

POWER TRAIN-POWER TRANSMISSION UNIT

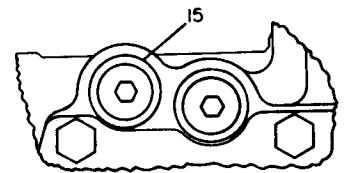


7G6820 TRANSFER CASE AND GEAR GROUP—Part 1
Part of 7G6822 Transmission Arrangement shown on Page 60

7G6820 TRANSFER CASE AND GEAR GROUP—Part 2
 Part of 7G6822 Transmission Arrangement shown on Page 60

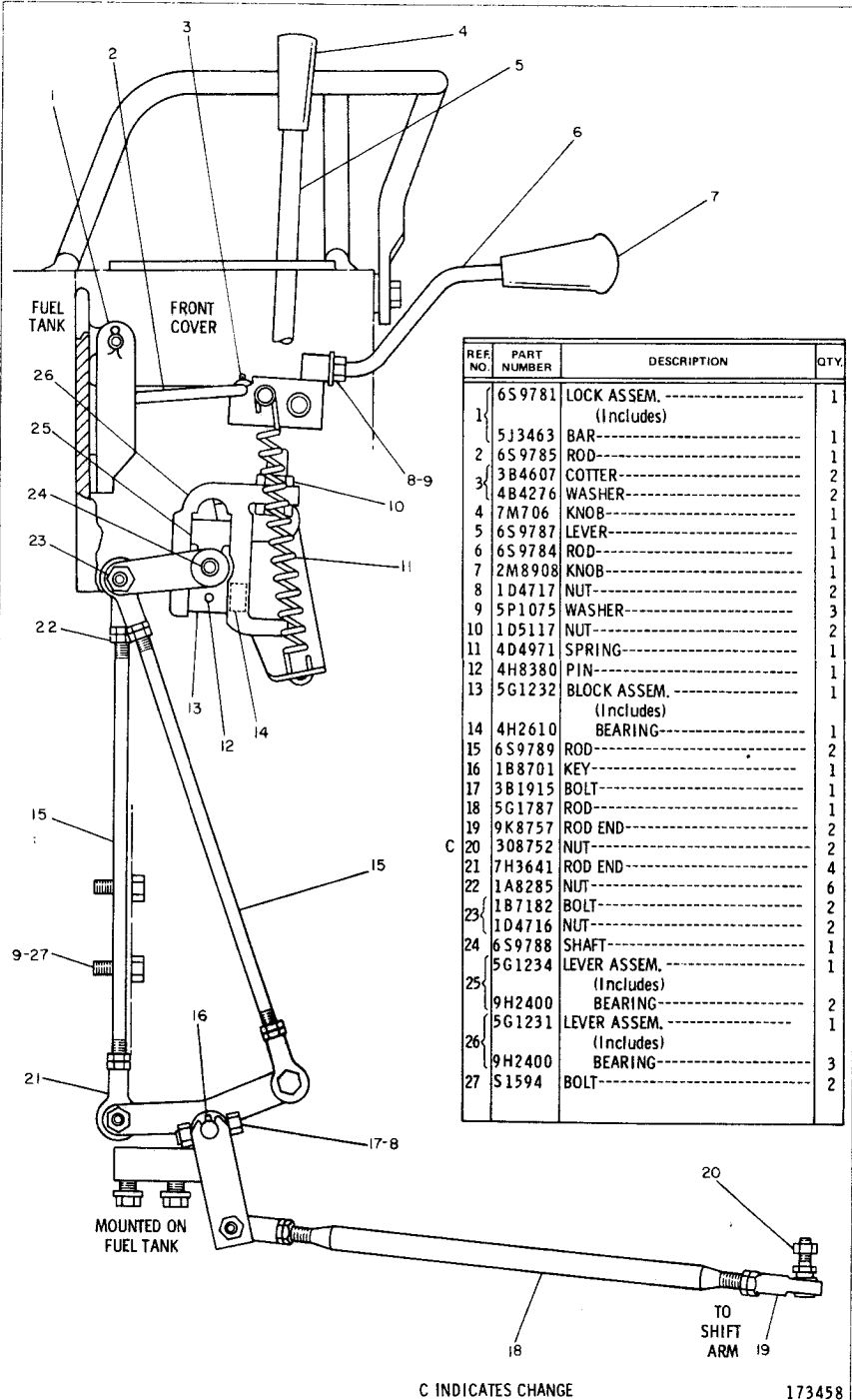


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3S1427	SEAL-----	1
2	5P356	BEARING-----	1
3	2P3565	CAGE-----	1
4	5M7936	BEARING-----	1
	9S6963	RACE----- (inner)-----	1
	S1618	BOLT-----	4
5	3B4505	LOCKWASHER-----	4
6	2P3592	GEAR----- (38 teeth)-----	1
7	2D5658	BEARING-----	1
8	8S9104	RING-----	1
9	4M7092	RING-----	1
10	2M3340	SEAL-----	1
11	9S6977	SHAFT-----	1
12	S1594	BOLT-----	11
13	4H2719	GASKET-----	1
14	S1590	BOLT-----	1
15	9S8004	PLUG-----	2
	3J1907	SEAL-----	2
	6B5262	PLUG-----	1
16	6K5551	GASKET-----	1
17	3J5390	PLUG-----	1
	L1351	BOLT-----	2
18	3B4506	LOCKWASHER-----	2
19	6F3808	COVER-----	1



VIEW OF AREA A

C INDICATES CHANGE 173099

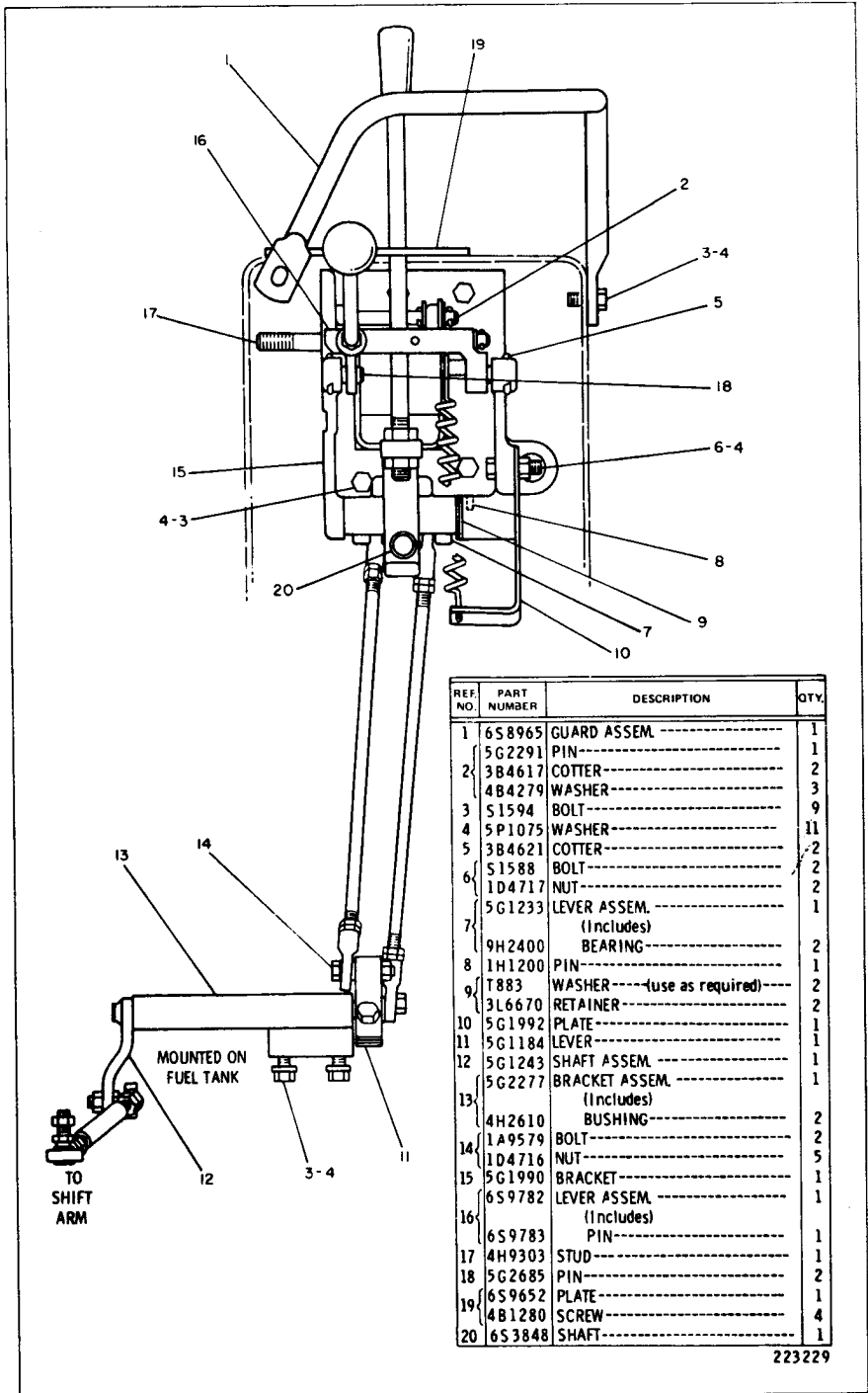


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	6S9781	LOCK ASSEM. -----	1
		(Includes)	
	5J3463	BAR-----	1
2	6S9785	ROD-----	1
3	3B4607	COTTER-----	2
	4B4276	WASHER-----	2
4	7M706	KNOB-----	1
5	6S9787	LEVER-----	1
6	6S9784	ROD-----	1
7	2M8908	KNOB-----	1
8	1D4717	NUT-----	2
9	5P1075	WASHER-----	3
10	1D5117	NUT-----	2
11	4D4971	SPRING-----	1
12	4H8380	PIN-----	1
13	5G1232	BLOCK ASSEM. -----	1
		(Includes)	
14	4H2610	BEARING-----	1
15	6S9789	ROD-----	2
16	1B8701	KEY-----	1
17	3B1915	BOLT-----	1
18	5G1787	ROD-----	1
19	9K8757	ROD END-----	2
20	308752	NUT-----	2
21	7H3641	ROD END-----	4
22	1A8285	NUT-----	6
23	1B7182	BOLT-----	2
	1D4716	NUT-----	2
24	6S9788	SHAFT-----	1
25	5G1234	LEVER ASSEM. -----	1
		(Includes)	
	9H2400	BEARING-----	2
	5G1231	LEVER ASSEM. -----	1
26		(Includes)	
	9H2400	BEARING-----	3
27	S1594	BOLT-----	2

C INDICATES CHANGE

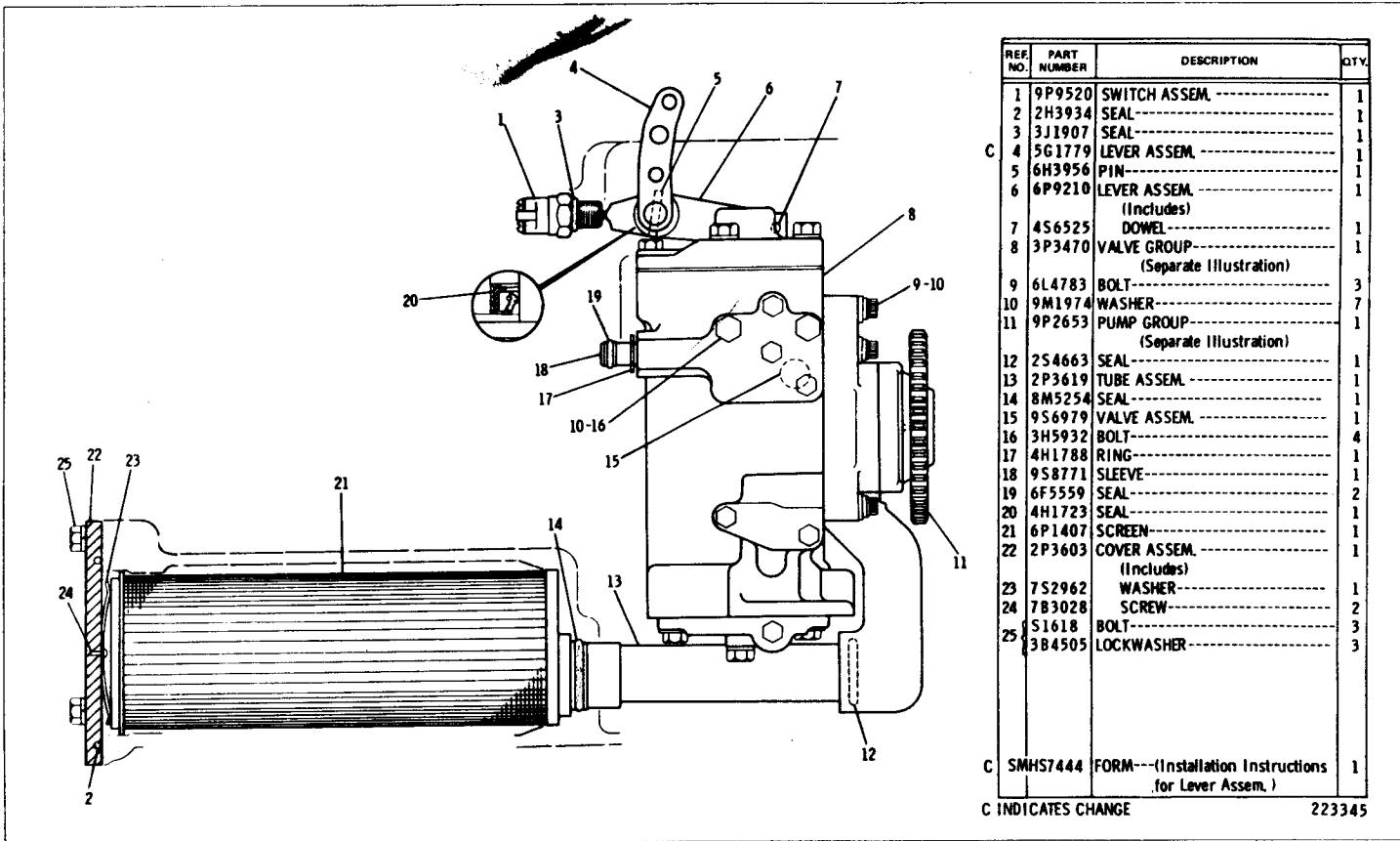
173458

6S8966 TRANSMISSION CONTROL GROUP—Part 1



223229

6S8966 TRANSMISSION CONTROL GROUP—Part 2



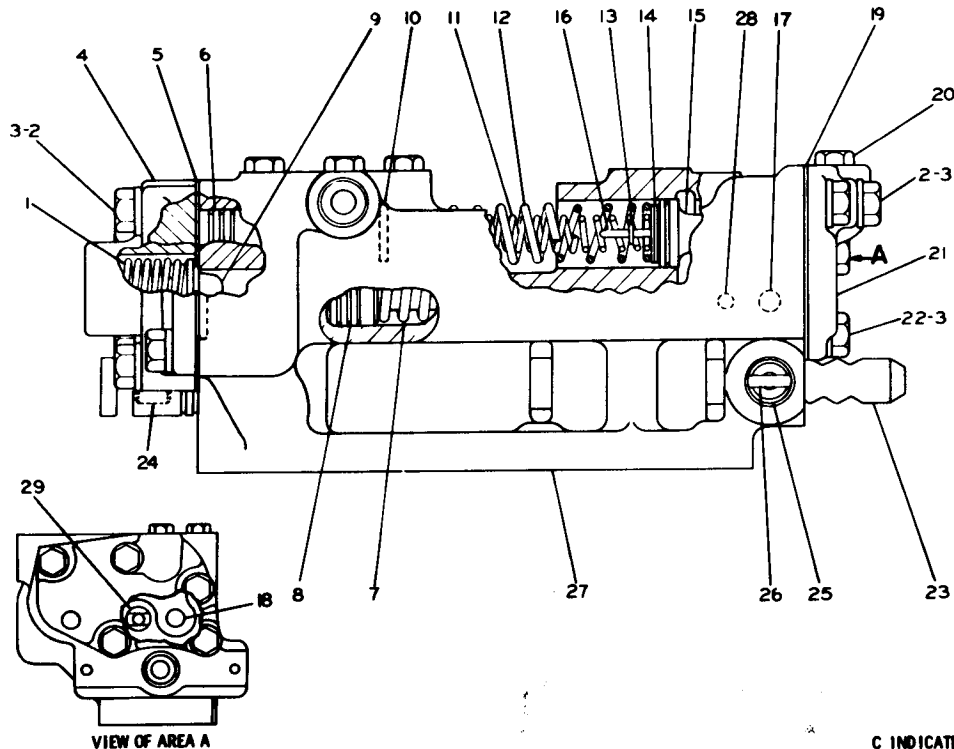
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9P9520	SWITCH ASSEM.-----	1
2	2H3934	SEAL-----	1
3	3I1907	SEAL-----	1
4	5G1779	LEVER ASSEM.-----	1
5	6H3956	PIN-----	1
6	6P9210	LEVER ASSEM.-----	1
7	4S6525	DOWEL-----	1
8	3P3470	VALVE GROUP----- (Separate Illustration)	1
9	6L4783	BOLT-----	3
10	9M1974	WASHER-----	7
11	9P2653	PUMP GROUP----- (Separate Illustration)	1
12	2S4663	SEAL-----	1
13	2P3619	TUBE ASSEM.-----	1
14	8M5254	SEAL-----	1
15	9S6979	VALVE ASSEM.-----	1
16	3H5932	BOLT-----	4
17	4H1788	RING-----	1
18	9S8771	SLEEVE-----	1
19	6F5559	SEAL-----	2
20	4H1723	SEAL-----	1
21	6P1407	SCREEN-----	1
22	2P3603	COVER ASSEM.----- (Includes)	1
23	7S2962	WASHER-----	1
24	7B3028	SCREW-----	2
25	S1618	BOLT-----	3
	3B4505	LOCKWASHER-----	3
C	SMHS7444	FORM---(Installation Instructions for Lever Assem.)	1

C INDICATES CHANGE

223345

9P3434 TRANSMISSION OIL SYSTEM CONTROL GROUP
 Part of 7G6822 Transmission Arrangement shown on Page 60
 3P3470 Valve and 9P2653 Pump parts are shown on Pages 69 and 70

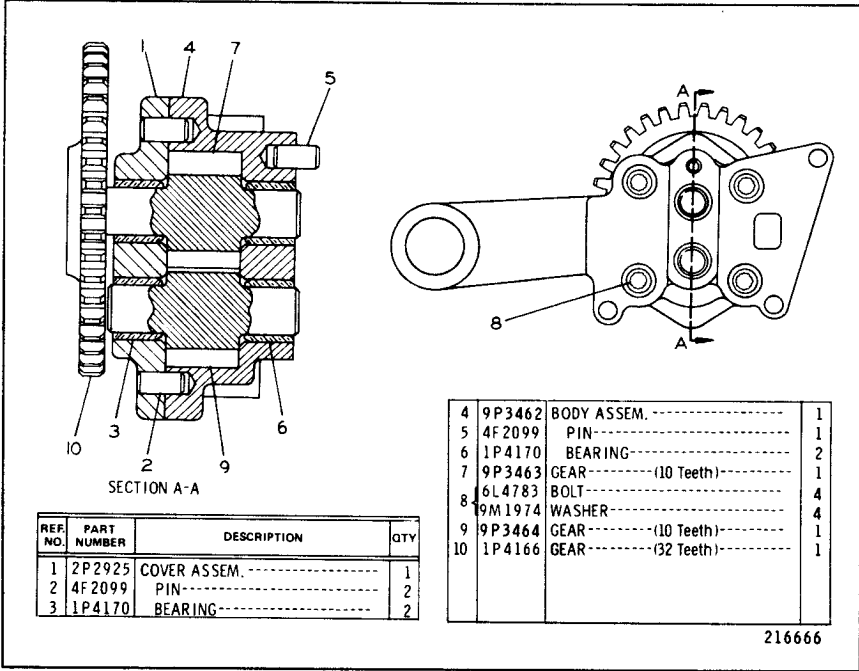
3P3470 SELECTOR AND PRESSURE CONTROL VALVE GROUP
 Part of 9P3434 Transmission Oil System Control Group shown on Page 68



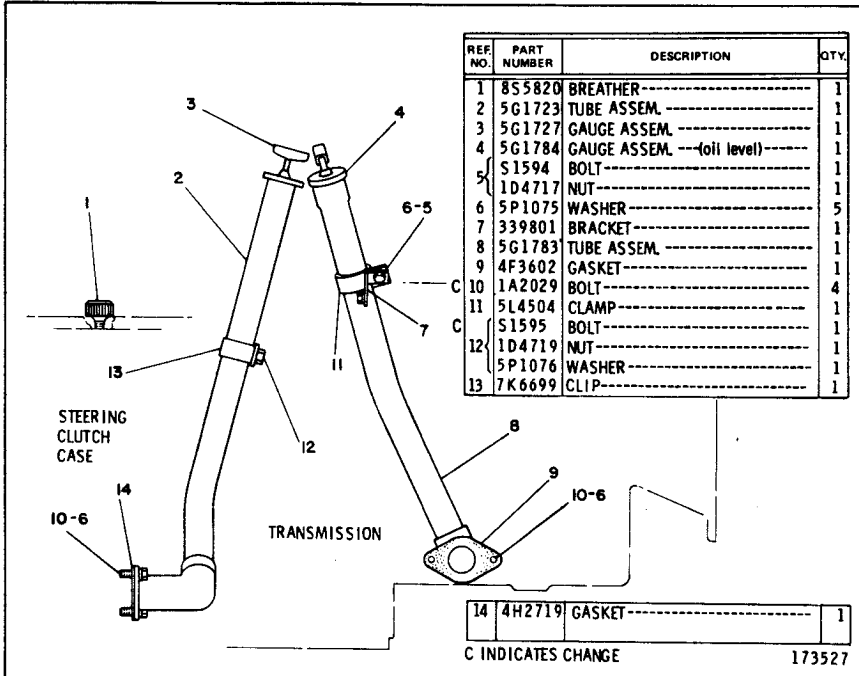
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9L8410	SPRING-----	1
2	1B7182	BOLT-----	5
3	9M1974	WASHER-----	10
4	3P3465	COVER-----	1
5	3P3464	GASKET-----	1
6	9S8764	SPOOL-----	1
7	3P3466	SPRING-----	1
8	3P3467	SPOOL-----	1
8	6J2419	SEAL-----	1
9	2S1022	PLUNGER-----	1
10	5M2894	WASHER-----	1
11	2P3588	SPRING (inner)-----	1
12	2P3587	SPRING (outer)-----	1
13	1P9620	RING-----	1
14	5M3492	SHIM----, 254 mm(.010 in.) thick	1
14	7M1397	SHIM----, 914 mm(.036 in.) thick	1
14	7M1396	SHIM----, 1.57 mm(.062 in.) thick	1
15	2P3604	SPOOL ASSEM.-----	1
16	5M8009	PIN-----	1
17	3D4603	PLUG-----	1
18	2M1168	SLUG-----	1
19	9P5572	GASKET-----	1
20	5M6214	PLUG-----	4
21	3P3463	COVER-----	1
22	2B2695	BOLT-----	5
23	9S8762	SPOOL ASSEM.-----	1
24	3F6808	DOWEL-----	1
25	7S4607	DETENT ASSEM.-----	2
26	6H3956	PIN-----	2
27	9P5370	BODY ASSEM.-----	1
27	1P2298	VALVE ASSEM.-----	1
27	3P9194	PLUG-----	1
28	8M8790	DOWEL-----	1
C 29	8P9749	ORIFICE-----	1
C 29	5H8853	SEAL-----	1

C INDICATES CHANGE

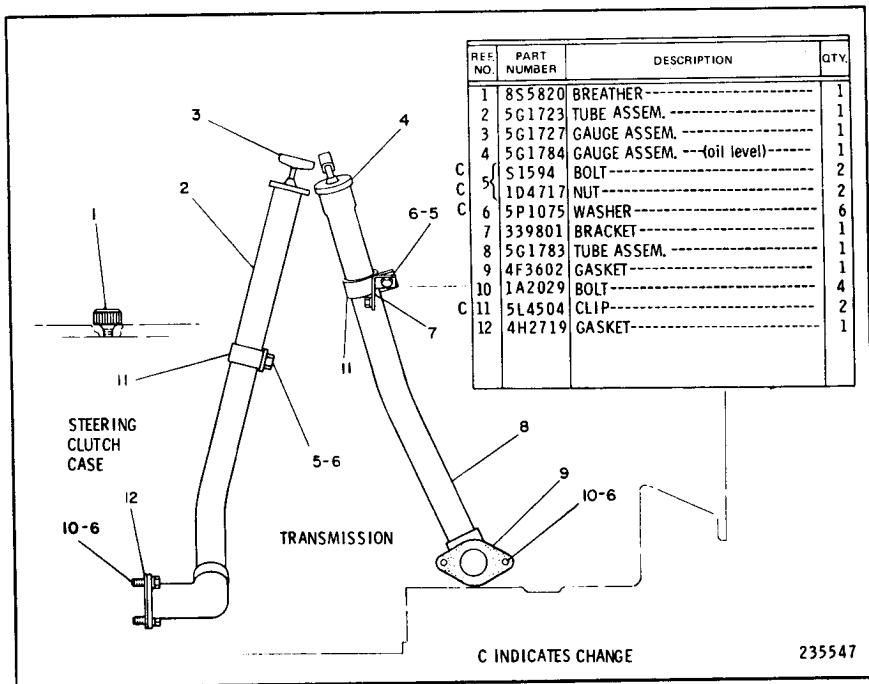
221074



9P2653 TRANSMISSION PUMP GROUP
 Part of 9P3434 Transmission Oil System Control Group shown on Page 68

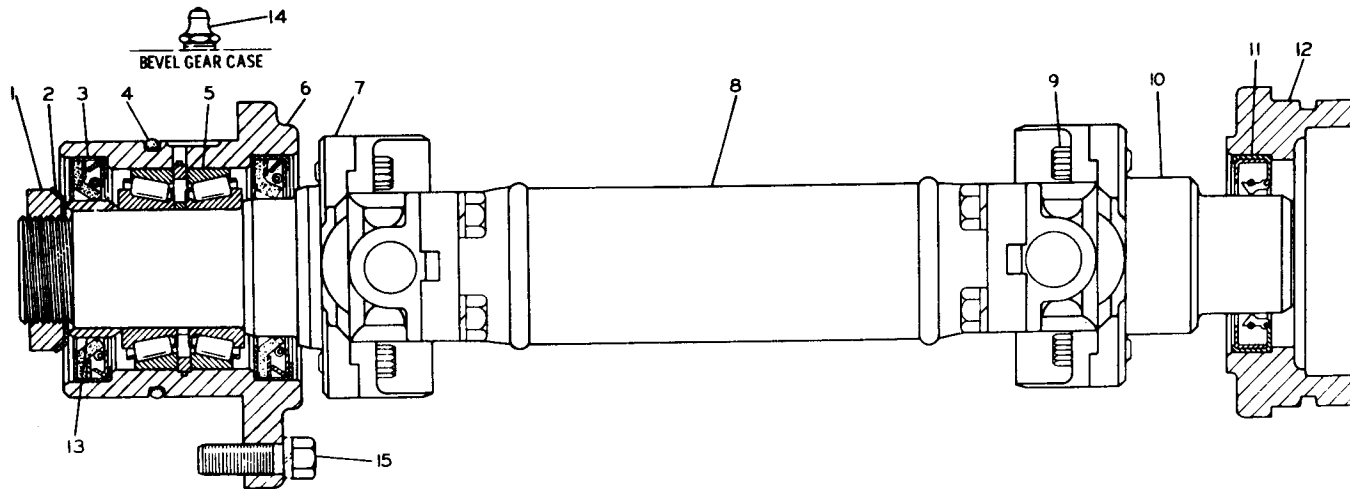


5G462 POWER TRAIN OIL FILLER GROUP
 Serial No. 23Y1 to 23Y594 inclusive



5G462 POWER TRAIN OIL FILLER GROUP
 Serial No. 23Y595—Up

6S6707 POWER TAKE-OFF DRIVE GROUP
 Also part of 5G2888 Winch Drive Arrangement listed on Page 72
 6S6770 Joint parts are shown on Page 72. AN ATTACHMENT

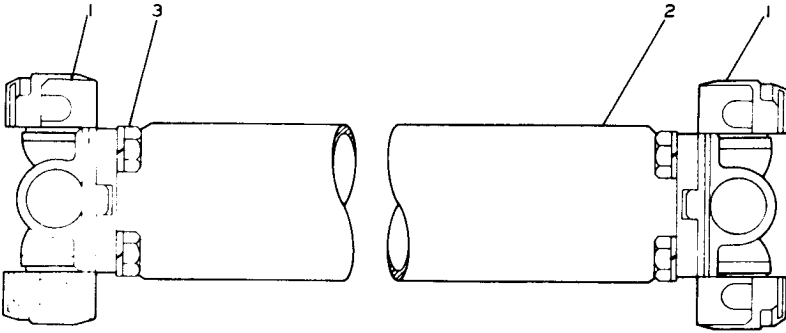


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2H3777	NUT.....	1
2	5F8916	LOCK.....	1
3	6B5333	SEAL.....	2
4	1H7339	SEAL.....	1
5	5J9348	BEARING ASSEM.....	1
6	6S6775	CAGE.....	1
7	6S6772	YOKE ASSEM.....	1
8	6S6770	JOINT GROUP.....	1
		(Separate Illustration)	

9	5D8269	BOLT.....	8
10	5G2225	YOKE ASSEM.....	1
11	3H1397	SEAL.....	1
12	6S6774	CAGE.....	1
13	6S8052	SPACER.....	1
14	3B8489	FITTING.....	1
15	S1588	BOLT.....	4

C INDICATES CHANGE

223543



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6S6902	SPIDER & BEARING ASSEM. -----	2
2	6S6867	TUBE ASSEM. -----	1

C	3	1A2343 BOLT-----	8
C	3	3B4505 LOCKWASHER-----	8

C INDICATES CHANGE

217299

6S6770 UNIVERSAL JOINT GROUP
 Part of 6S6707 Power Take-Off Drive Group shown on Page 71
 AN ATTACHMENT

CONSISTS OF:

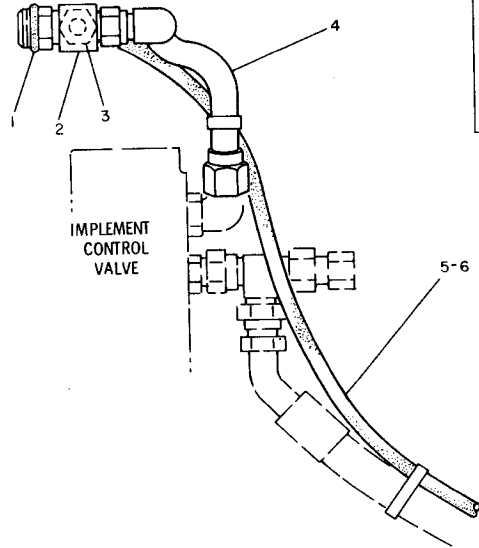
PAGE

1	5G2865	PUMP AND LINES GROUP	73
1	6S6707	POWER TAKE-OFF DRIVE GROUP	71

5G2888 WINCH DRIVE ARRANGEMENT
 AN ATTACHMENT

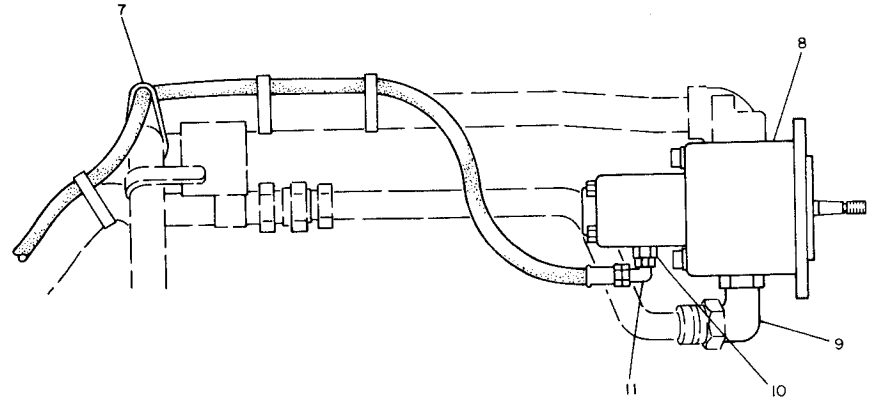
5G2865 PUMP AND LINES GROUP—Type 1
Part of 5G2868 Winch Drive Arrangement listed on Page 72
3G5046 Pump parts are shown on Page 73B. AN ATTACHMENT

TO HYDRAULIC TANK



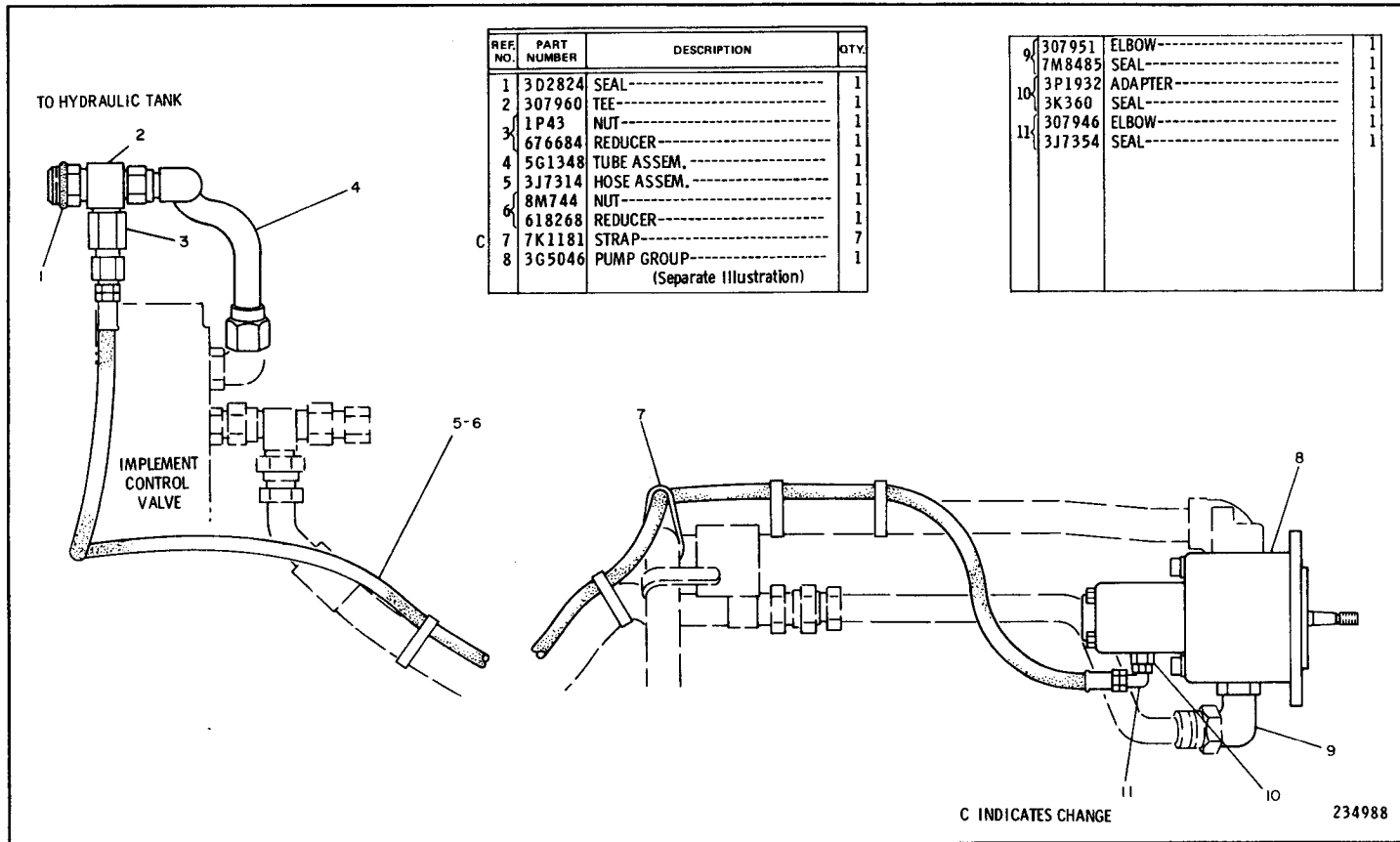
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	3D2824	SEAL-----	1
2	307960	TEE-----	1
3	1P43	NUT-----	1
3	676684	REDUCER-----	1
4	5G1348	TUBE ASSEM.-----	1
5	3J7314	HOSE ASSEM.-----	1
6	8M744	NUT-----	1
6	618268	REDUCER-----	1
7	7K1181	STRAP-----	8
8	3G5046	PUMP GROUP-----	1
(Separate Illustration)			

9	307951	ELBOW-----	1
	7M8485	SEAL-----	1
10	3P1932	ADAPTER-----	1
	3K360	SEAL-----	1
11	307946	ELBOW-----	1
	3J7354	SEAL-----	1

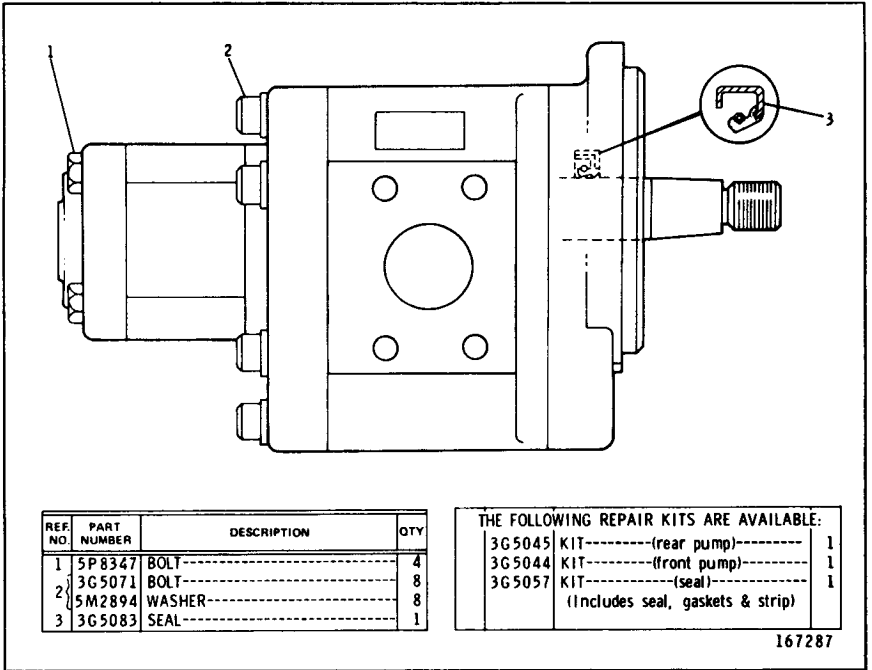


C INDICATES CHANGE

178541



5G2865 PUMP AND LINES GROUP—Type 2
 Part of 5G2888 Winch Drive Arrangement listed on Page 72
 3G5046 Pump parts are shown on Page 73B. AN ATTACHMENT

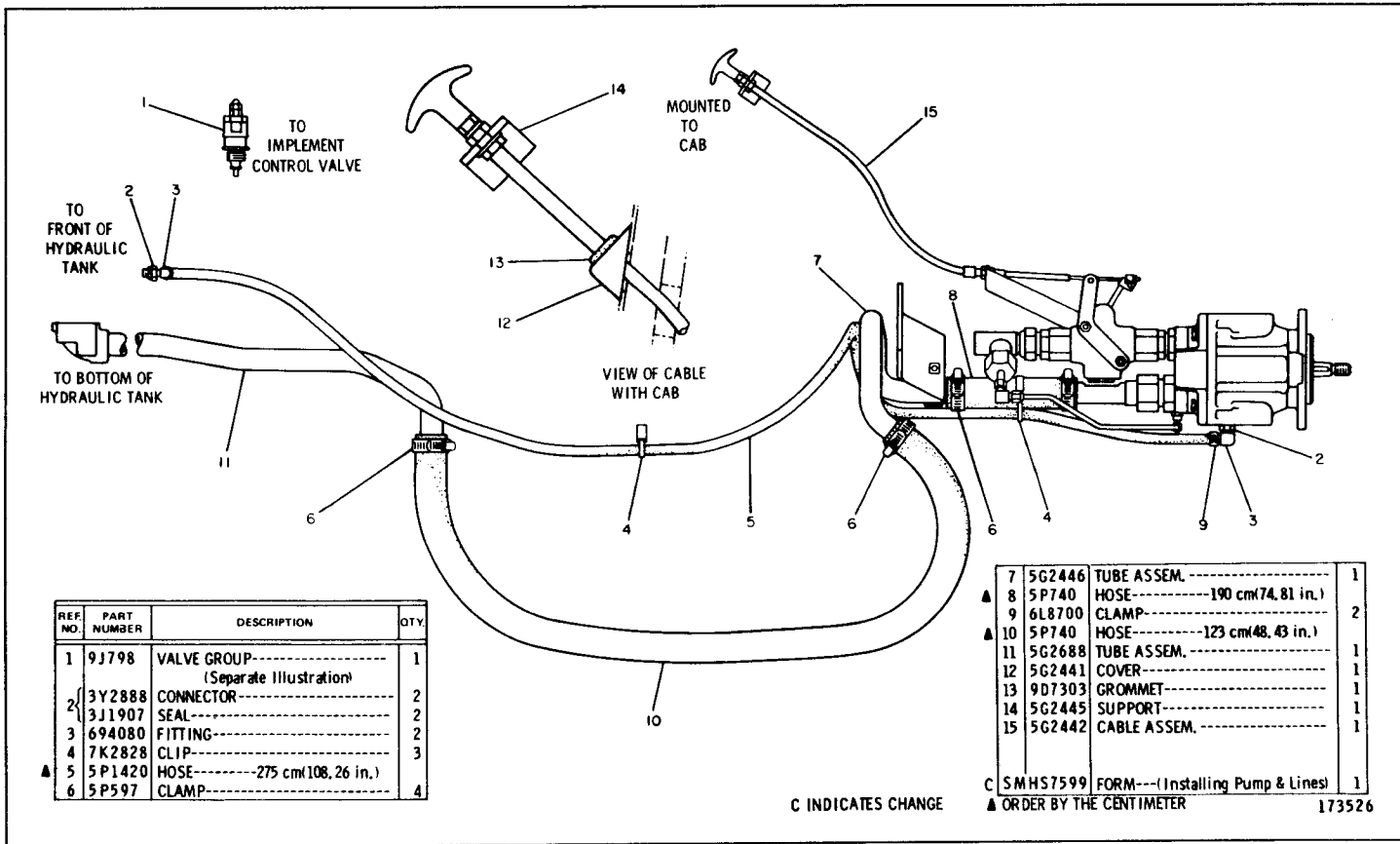


REF NO.	PART NUMBER	DESCRIPTION	QTY
1	5P8347	BOLT-----	4
2	3G5071	BOLT-----	8
	5M2894	WASHER-----	8
3	3G5083	SEAL-----	1

THE FOLLOWING REPAIR KITS ARE AVAILABLE:		
3G5045	KIT-----	(rear pump)----- 1
3G5044	KIT-----	(front pump)----- 1
3G5057	KIT-----	(seal)----- 1
(Includes seal, gaskets & strip)		

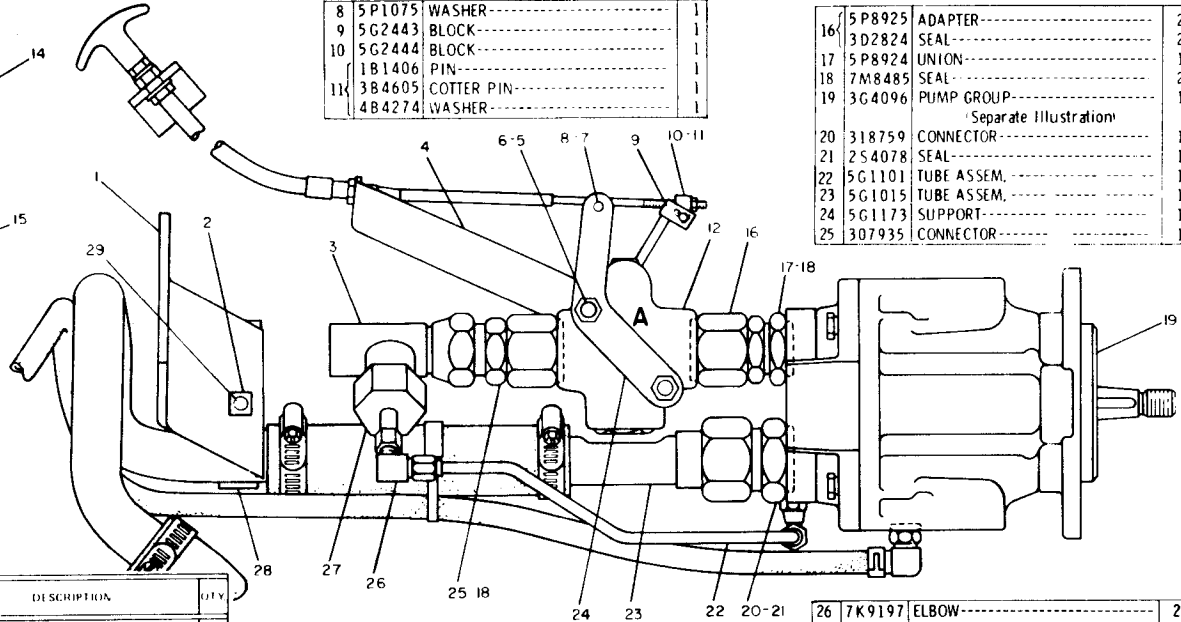
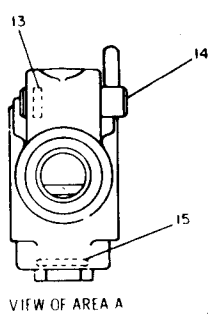
167287

3G5046 GEAR PUMP GROUP
 Part of 5G2865 Pump and Lines Group shown on Pages 73 and 73A
 AN ATTACHMENT



5G2338 PUMP AND LINES GROUP—Part 1—Type 1
 CANNOT BE USED WITH 5G2355 SOUND SUPPRESSION ARRANGEMENT LISTED ON PAGE 213
 9J798 Valve parts are shown on Page 77. AN ATTACHMENT

5G2338 PUMP AND LINES GROUP—Part 2—Type 1
CANNOT BE USED WITH 5G2355 SOUND SUPPRESSION ARRANGEMENT LISTED ON PAGE 213
3G4096 Pump parts are shown on Page 76. AN ATTACHMENT



8	5P1075	WASHER-----	1
9	5G2443	BLOCK-----	1
10	5G2444	BLOCK-----	1
	1B1406	PIN-----	1
11	3B4605	COTTER PIN-----	1
	4B4274	WASHER-----	1

16	5P8925	ADAPTER-----	2
	3D2824	SEAL-----	2
17	5P8924	UNION-----	1
18	7M8485	SEAL-----	2
19	3G4096	PUMP GROUP-----	1
Separate Illustration			
20	318759	CONNECTOR-----	1
21	2S4078	SEAL-----	1
22	5G1101	TUBE ASSEM.-----	1
23	5G1015	TUBE ASSEM.-----	1
24	5G1173	SUPPORT-----	1
25	307935	CONNECTOR-----	1

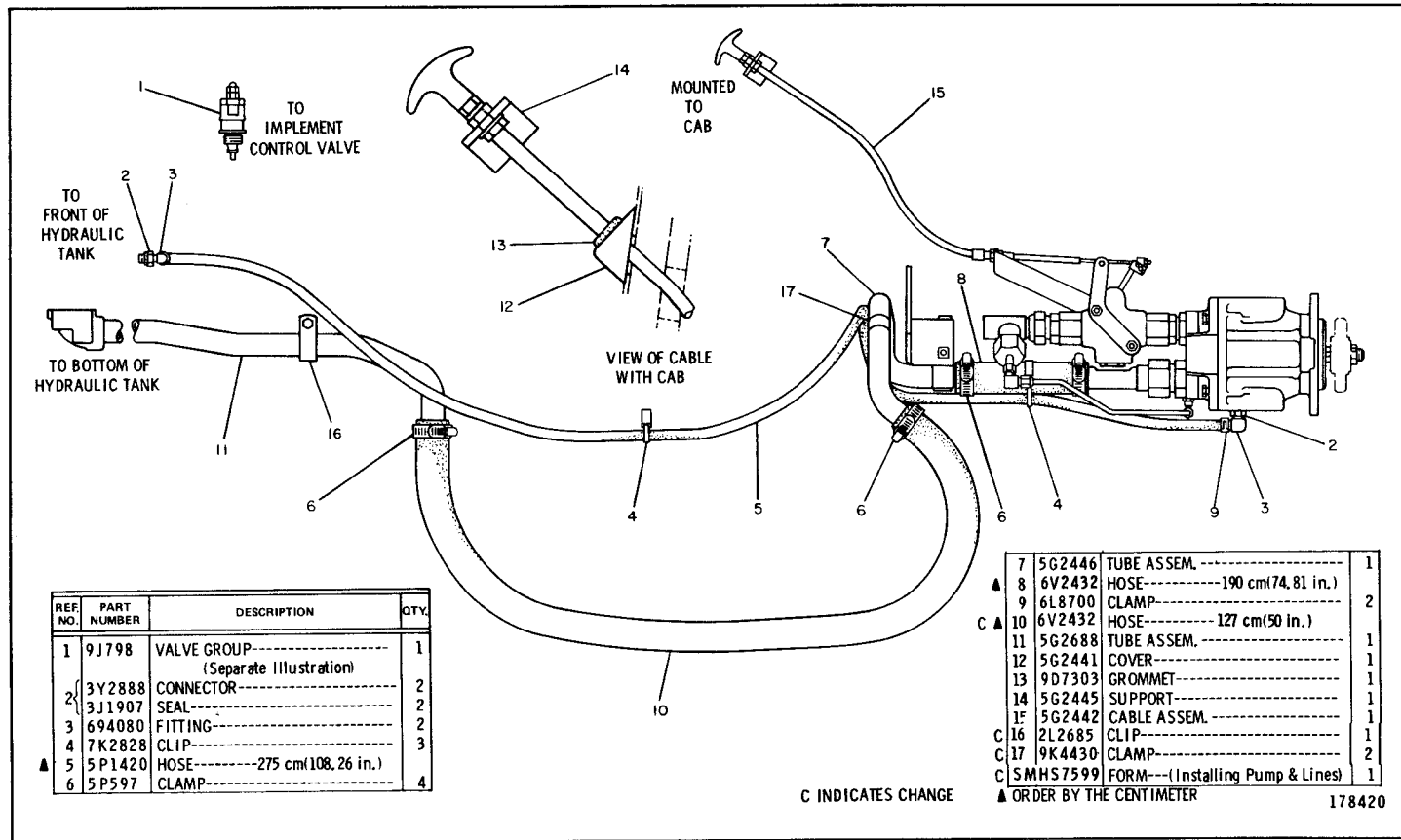
REF NO	PART NUMBER	DESCRIPTION	QTY
1	5G1170	BRACKET ASSEM.----- Includes	1
2	9F2978	NUT-----	1
3	5P2242	TEE-----	1
4	5G2440	SUPPORT-----	1
5	S1619	BOLT-----	2
6	1D4717	NUT-----	2
7	S1591	BOLT-----	1

12	3G4657	VALVE ASSEM.----- Includes	1
13	56502	RING-----	2
	5H6005	SEAL-----	2
14	3G4655	CAM ASSEM.-----	1
15	3D2824	SEAL-----	1

26	7K9197	ELBOW-----	2
27	5P5003	REDUCER-----	1
28	8F8398	CLAMP-----	1
	V196	BOLT-----	1
29	5P1075	WASHER-----	1

THE FOLLOWING REPAIR KIT IS AVAILABLE:
 3G4656 KIT----- (check valve)

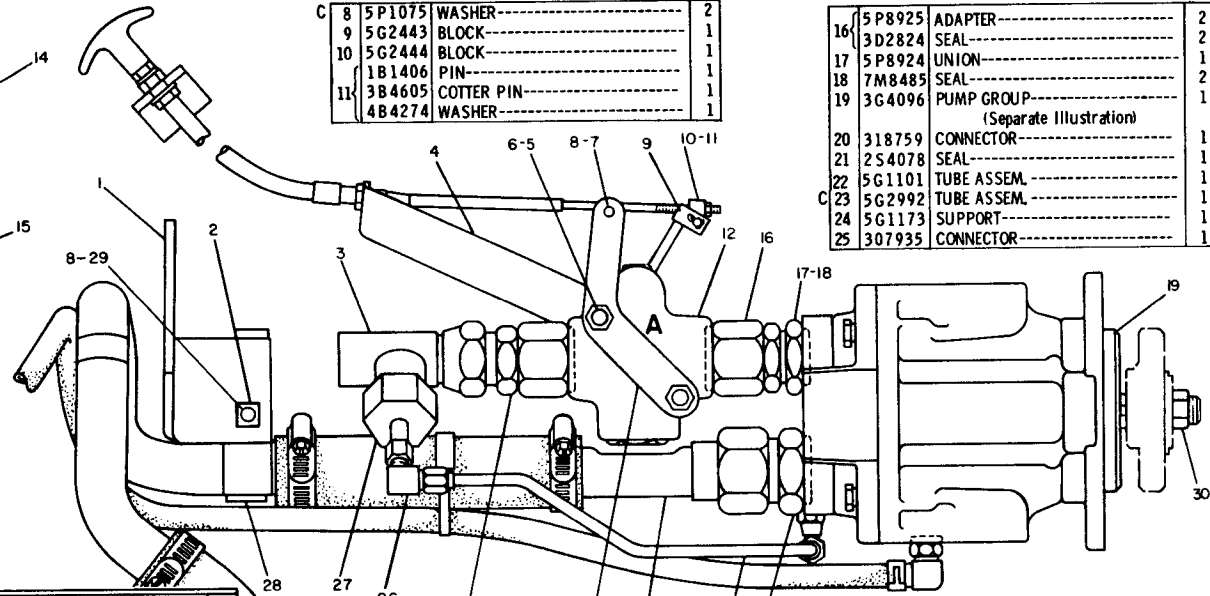
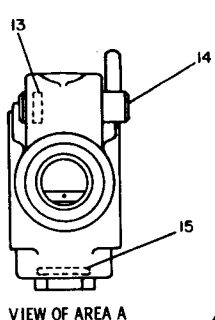
223343



5G2338 PUMP AND LINES GROUP—Part 1—Type 2
 CANNOT BE USED WITH 5G2355 SOUND SUPPRESSION ARRANGEMENT LISTED ON PAGE 213
 9J798 Valve parts are shown on Page 77. AN ATTACHMENT

5G2338 PUMP AND LINES GROUP—Part 2—Type 2
CANNOT BE USED WITH 5G2355 SOUND SUPPRESSION ARRANGEMENT LISTED ON PAGE 213
3G4096 Pump parts are shown on Page 76. AN ATTACHMENT

POWER TRAIN-POWER TRANSMISSION UNIT



C 8	5P1075	WASHER	2
9	5G2443	BLOCK	1
10	5G2444	BLOCK	1
	1B1406	PIN	1
11	3B4605	COTTER PIN	1
	4B4274	WASHER	1

16	5P8925	ADAPTER	2
	3D2824	SEAL	2
17	5P8924	UNION	1
18	7M8485	SEAL	2
19	3G4096	PUMP GROUP	1
		(Separate Illustration)	
20	318759	CONNECTOR	1
21	2S4078	SEAL	1
22	5G1101	TUBE ASSEM.	1
C 23	5G2992	TUBE ASSEM.	1
24	5G1173	SUPPORT	1
25	307935	CONNECTOR	1

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
C 1	5G2991	BRACKET ASSEM. (Includes)	1
2	9F2978	NUT	1
3	5P2242	TEE	1
4	5G2440	SUPPORT	1
5	S1619	BOLT	2
6	1D4717	NUT	2
7	S1591	BOLT	1

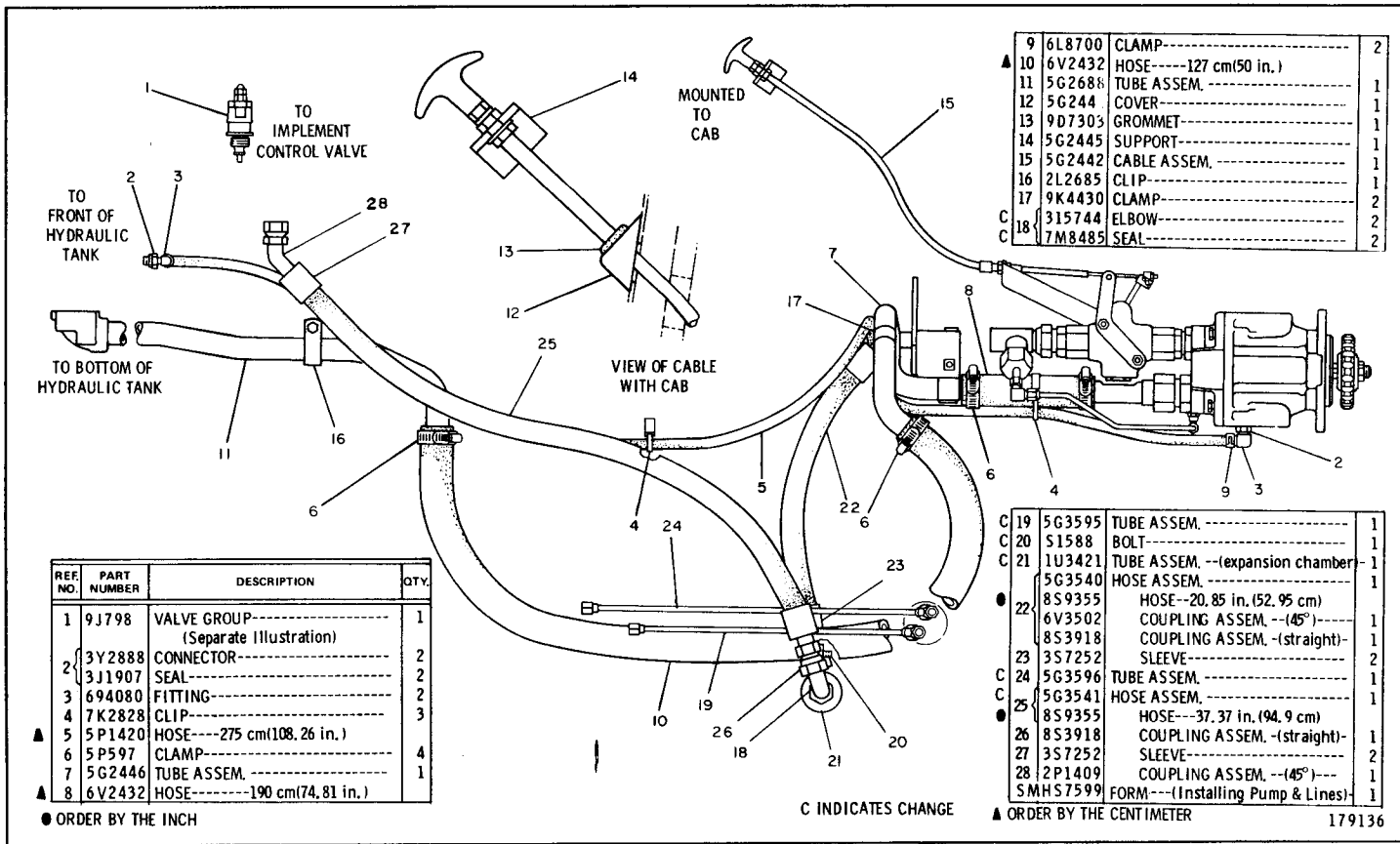
12	3G4657	VALVE ASSEM. (Includes)	1
13	56502	RING	2
	5H6005	SEAL	2
14	3G4655	CAM ASSEM.	1
15	3D2824	SEAL	1

26	7K9197	ELBOW	2
27	5P5003	REDUCER	1
C 28	2L2685	CLIP	1
29	V196	BOLT	1
C 30	5D3183	NUT (full)	1
	7B3770	NUT (lock)	1

THE FOLLOWING REPAIR KIT IS AVAILABLE:
 3G4656 KIT (check valve) 1

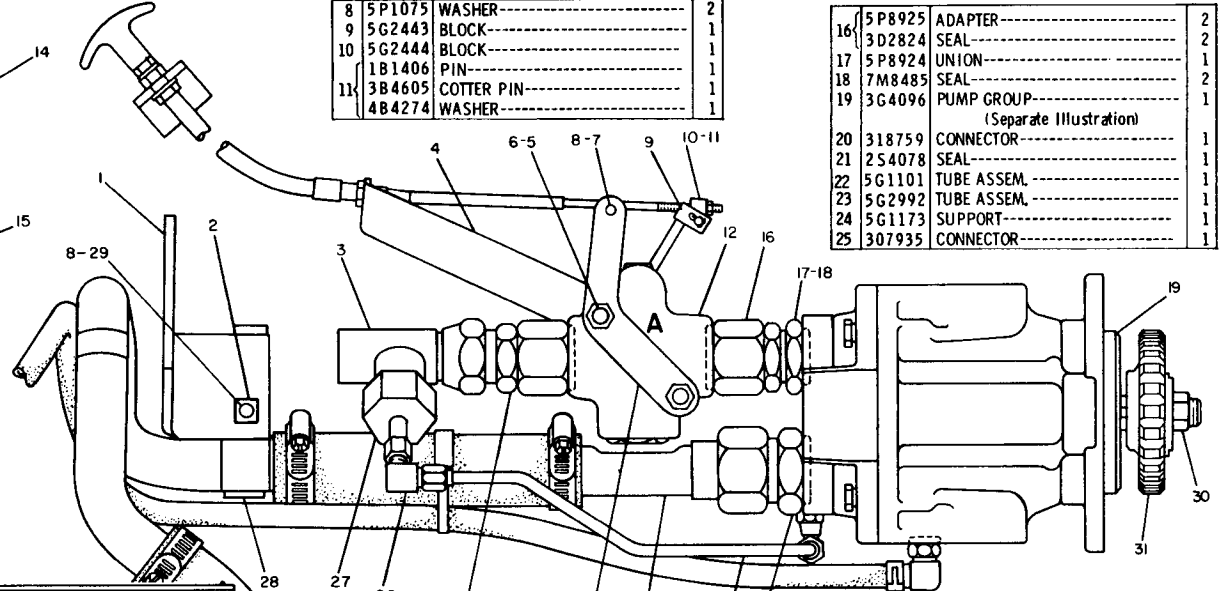
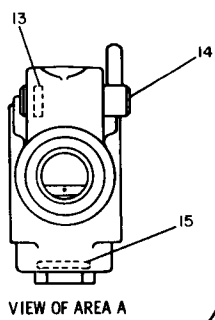
C INDICATES CHANGE

178421



5G2338 PUMP AND LINES GROUP—Part 1—Type 3
 CANNOT BE USED WITH 5G2355 SOUND SUPPRESSION ARRANGEMENT LISTED ON PAGE 213
 9J798 Valve parts are shown on Page 77. AN ATTACHMENT

5G2338 PUMP AND LINES GROUP—Part 2—Type 3
CANNOT BE USED WITH 5G2355 SOUND SUPPRESSION ARRANGEMENT LISTED ON PAGE 213
3G4096 Pump parts are shown on Page 76. AN ATTACHMENT



8	5P1075	WASHER	2
9	5G2443	BLOCK	1
10	5G2444	BLOCK	1
	1B1406	PIN	1
	3B4605	COTTER PIN	1
	4B4274	WASHER	1

16	5P8925	ADAPTER	2
	3D2824	SEAL	2
17	5P8924	UNION	1
18	7M8485	SEAL	2
19	3G4096	PUMP GROUP	1
(Separate Illustration)			
20	318759	CONNECTOR	1
21	2S4078	SEAL	1
22	5G1101	TUBE ASSEM.	1
23	5G2992	TUBE ASSEM.	1
24	5G1173	SUPPORT	1
25	307935	CONNECTOR	1

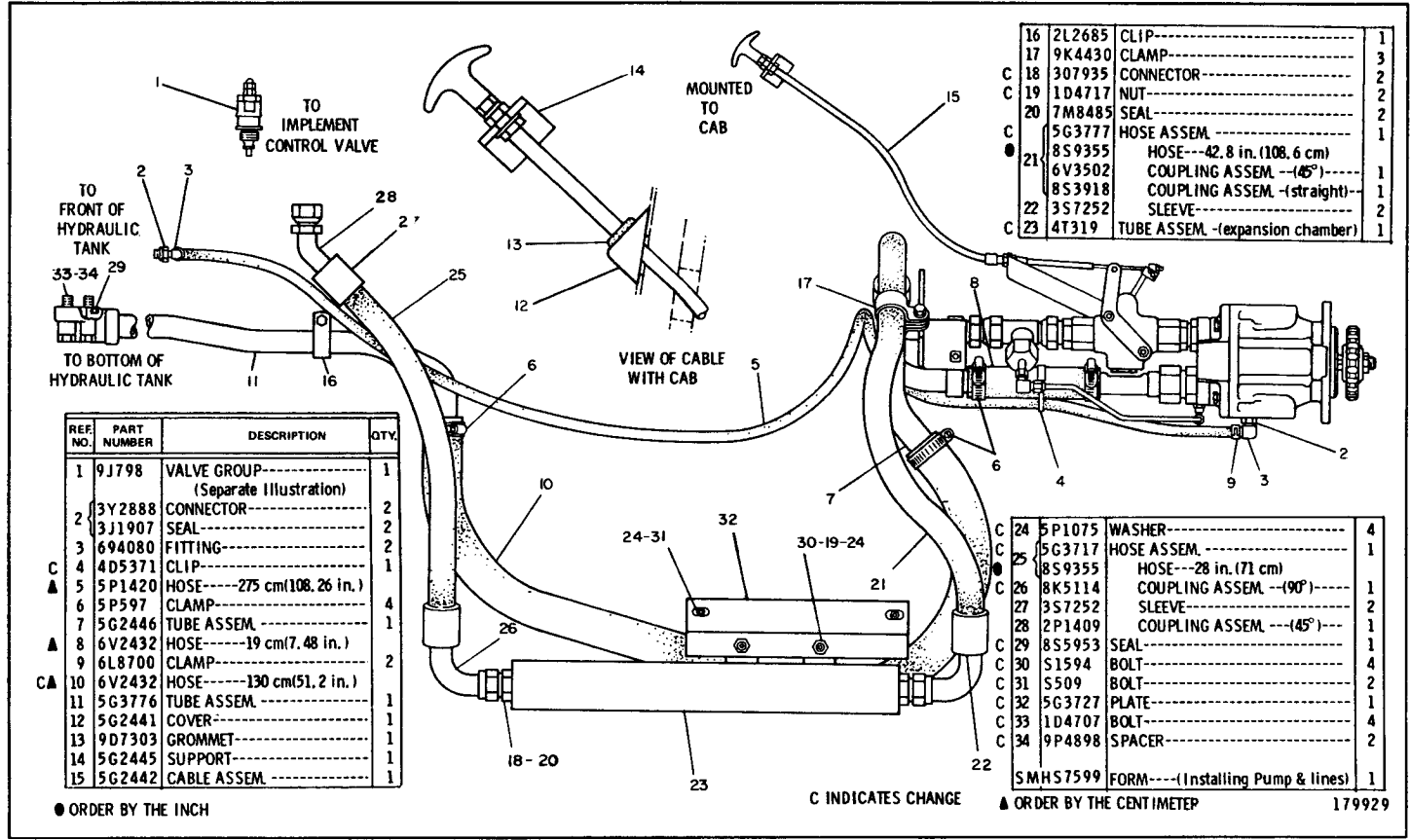
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G2991	BRACKET ASSEM. (Includes)	1
2	9F2978	NUT	1
3	5P2242	TEE	1
4	5G2440	SUPPORT	1
5	S1619	BOLT	2
6	1D4717	NUT	2
7	S1591	BOLT	1

12	3G4657	VALVE ASSEM. (Includes)	1
13	56502	RING	2
	5H6005	SEAL	2
14	3G4655	CAM ASSEM.	1
15	3D2824	SEAL	1

26	7K9197	ELBOW	2
27	5P5003	REDUCER	1
28	2L2685	CLIP	1
29	V196	BOLT	1
	5D3183	NUT (full)	1
30	7B3770	NUT (lock)	1
31	1N3124	GEAR (38 teeth)	1
C THE FOLLOWING REPAIR KIT IS AVAILABLE:			
	3G4656	KIT (check valve)	1

C INDICATES CHANGE

179137



16	2L2685	CLIP-----	1
17	9K4430	CLAMP-----	3
18	307935	CONNECTOR-----	2
C 19	1D4717	NUT-----	2
20	7M8485	SEAL-----	2
C	5G3777	HOSE ASSEM-----	1
● 21	8S9355	HOSE---42.8 in.(108.6 cm)	
	6V3502	COUPLING ASSEM.---(45°)---	1
	8S3918	COUPLING ASSEM.---(straight)---	1
22	3S7252	SLEEVE-----	2
C 23	4T319	TUBE ASSEM.---(expansion chamber)	1

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9J798	VALVE GROUP----- (Separate Illustration)	1
2	3Y2888	CONNECTOR-----	2
3	3J1907	SEAL-----	2
3	694080	FITTING-----	2
C 4	4D5371	CLIP-----	1
▲ 5	5P1420	HOSE---275 cm(108.26 in.)	4
6	5P597	CLAMP-----	4
7	5G2446	TUBE ASSEM-----	1
▲ 8	6V2432	HOSE---19 cm(7.48 in.)	1
9	6L8700	CLAMP-----	2
CA 10	6V2432	HOSE---130 cm(51.2 in.)	1
11	5G3776	TUBE ASSEM-----	1
12	5G2441	COVER-----	1
13	9D7303	GROMMET-----	1
14	5G2445	SUPPORT-----	1
15	5G2442	CABLE ASSEM-----	1

C 24	5P1075	WASHER-----	4
25	5G3717	HOSE ASSEM-----	1
● 26	8S9355	HOSE---28 in.(71 cm)	
26	8K5114	COUPLING ASSEM.---(90°)---	1
27	3S7252	SLEEVE-----	2
28	2P1409	COUPLING ASSEM.---(45°)---	1
C 29	8S5953	SEAL-----	1
C 30	S1594	BOLT-----	4
C 31	S509	BOLT-----	2
C 32	5G3727	PLATE-----	1
C 33	1D4707	BOLT-----	4
C 34	9P4898	SPACER-----	2
SMH S7599	FORM---(Installing Pump & lines)		1

● ORDER BY THE INCH

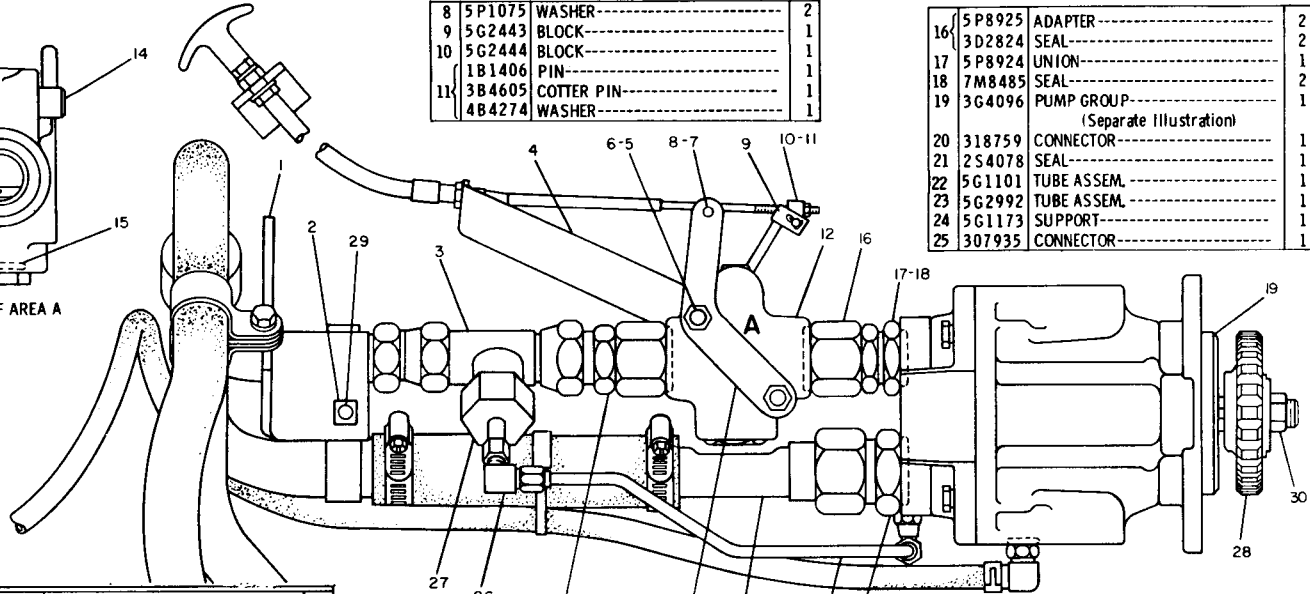
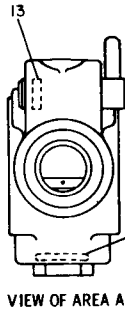
C INDICATES CHANGE

▲ ORDER BY THE CENTIMETER

179929

5G2338 PUMP AND LINES GROUP—Part 1—Type 4
CANNOT BE USED WITH 5G2355 SOUND SUPPRESSION ARRANGEMENT LISTED ON PAGE 213
9J798 Valve parts are shown on Page 77. AN ATTACHMENT

5G2338 PUMP AND LINES GROUP—Part 2—Type 4
CANNOT BE USED WITH 5G2355 SOUND SUPPRESSION ARRANGEMENT LISTED ON PAGE 213
3G4096 Pump parts are shown on Page 76. AN ATTACHMENT



8	5P1075	WASHER-----	2
9	5G2443	BLOCK-----	1
10	5G2444	BLOCK-----	1
	1B1406	PIN-----	1
11	3B4605	COTTER PIN-----	1
	4B4274	WASHER-----	1

16	5P8925	ADAPTER-----	2
	3D2824	SEAL-----	2
17	5P8924	UNION-----	1
18	7M8485	SEAL-----	2
19	3G4096	PUMP GROUP-----	1
		(Separate Illustration)	
20	318759	CONNECTOR-----	1
21	2S4078	SEAL-----	1
22	5G1101	TUBE ASSEM.-----	1
23	5G2992	TUBE ASSEM.-----	1
24	5G1173	SUPPORT-----	1
25	307935	CONNECTOR-----	1

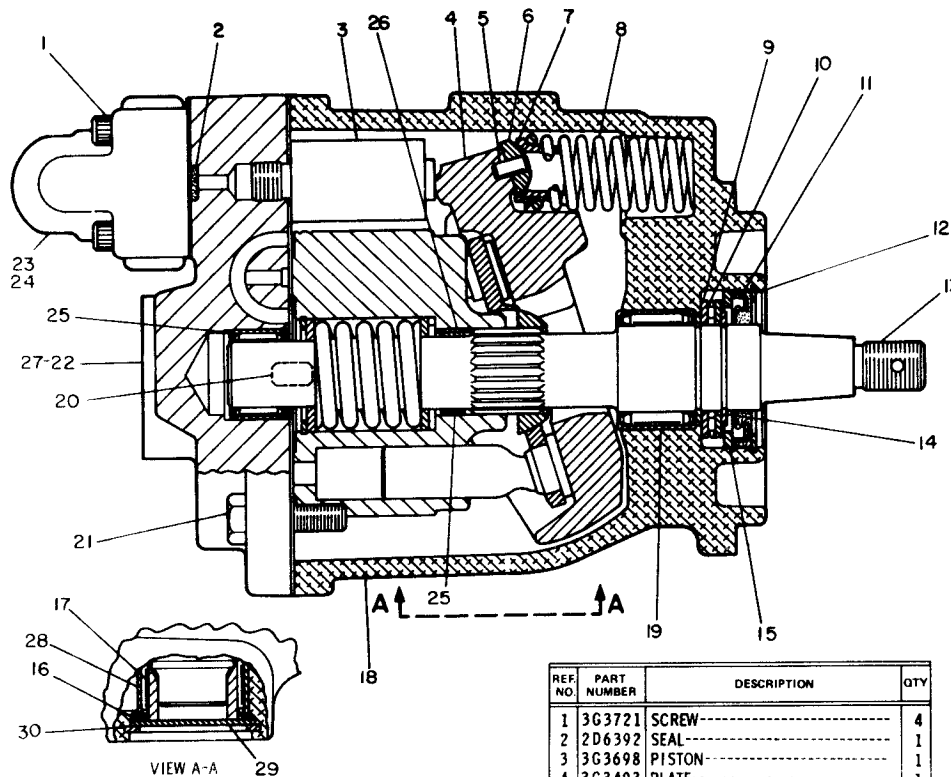
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G2991	BRACKET ASSEM.----- (Includes) NUT-----	1
2	9F2978	NUT-----	1
3	5P2242	TEE-----	1
4	5G2440	SUPPORT-----	1
5	S1619	BOLT-----	2
6	1D4717	NUT-----	2
7	S1591	BOLT-----	1

12	3G4657	VALVE ASSEM.----- (Includes) RING-----	1
13	56502	SEAL-----	2
	5H6005	SEAL-----	2
14	3G4655	CAM ASSEM.-----	1
15	3D2824	SEAL-----	1

26	7K9197	ELBOW-----	2
27	5P5003	REDUCER-----	1
28	1N3124	GEAR----- (38 teeth)	1
29	S1588	BOLT-----	1
30	5D3183	NUT----- (full)	1
	7B3770	NUT----- (lock)	1

THE FOLLOWING REPAIR KIT IS AVAILABLE:
3G4656 KIT----- (check valve)----- 1

179930



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3G3721	SCREW-----	4
2	2D6392	SEAL-----	1
3	3G3698	PISTON-----	1
4	3G3493	PLATE-----	1

5	5H8985	PIN-----	1
6	3G1243	BUTTON-----	1
7	3G1237	COLLAR-----	1
8	3G3723	SPRING-----	1
9	5P1827	RACE-----	2
10	5P1828	BEARING-----	1
11	3G3734	SEAL-----	1
12	83214	RING-----	1
13	3G3496	SHAFT-----	1
14	5L4019	RING-----	2
15	3G3722	WASHER-----	1
16	6J2419	SEAL-----	2
17	3G3716	RACE-----	2
18	3G3495	HOUSING ASSEM. (Includes)	1
19	5P1941	BEARING-----	1
20	6B6863	PIN-----	2
21	51588	BOLT-----	4
22	3G3699	PLATE ASSEM.	1
23	3G7421	VALVE GROUP (Separate Illustration)	1
24	3G7426	GASKET-----	1
25	9J2501	RETAINER----- (Includes)	1
26	9J697	PIN-----	3
27	3G3494	GASKET-----	1
28	7F7984	BEARING-----	2
29	3G3718	COVER-----	2
30	2R1230	RING-----	2

THE FOLLOWING REPAIR KITS ARE AVAILABLE:
 3G8988 KIT----- (rotating) 1
 3G3701 KIT----- (seal) 1
 (Includes rings, seals & gaskets)

171587

3G4096 PISTON PUMP GROUP—Slipper
 Part of 5G2338 Pump and Lines Group shown on Page 75
 3G7421 Valve parts are shown on Page 77. AN ATTACHMENT

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3D2824	SEAL-----	2
2	9J707	RING-----	1
3	6F4855	SEAL-----	1

4	1H1023	SEAL-----	1
5	300167	RING-----	1

118954

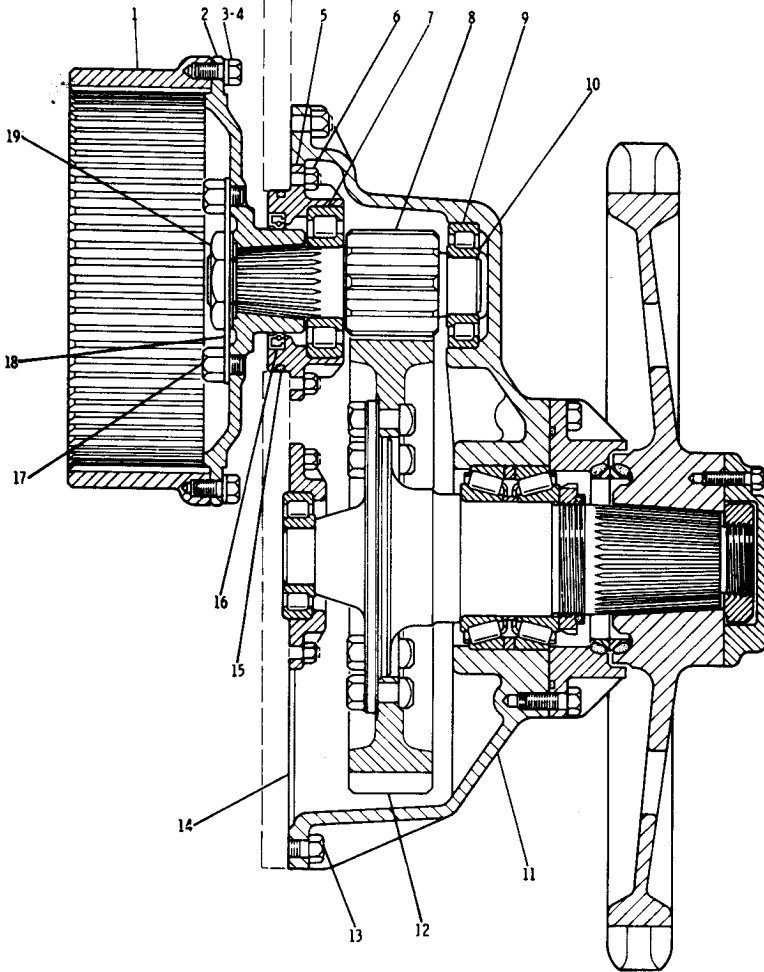
9J798 RELIEF VALVE GROUP—Pilot Operated
 Part of 5G2338 Pump and Lines Group and 1U2576 and 3G5634 Valve Groups shown on Pages 74, 132B and 133

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3G5422	CAP-----	1
2	7J9933	SEAL-----	1
3	3G5421	STOP-----	1
4	6L7219	WASHER-----	2
5	3G3697	SHIM-----,0762 mm(.003 in.) thick	3
6	6J6516	SHIM-----,254 mm(.010 in.) thick	2
7	3G5423	SPRING-----	2
8	3G5424	RETAINER-----	1

9	3G5035	SPRING-----	1
10	3G3732	STOP-----	1
11	3G5039	SHIM---,2032mm (.008 in.) thick	2
	3G5037	SHIM---,1270mm (.005 in.) thick	2
	3G5040	SHIM---,5080mm (.020 in.) thick	2
	3G5038	SHIM---,1524mm (.006 in.) thick	2
12	5P7813	SEAL-----	1
13	3G7409	CONNECTOR-----	1

170001

3G7421 SERVO VALVE GROUP
 Part of 3G4096 Piston Pump Group shown on Page 76
 AN ATTACHMENT

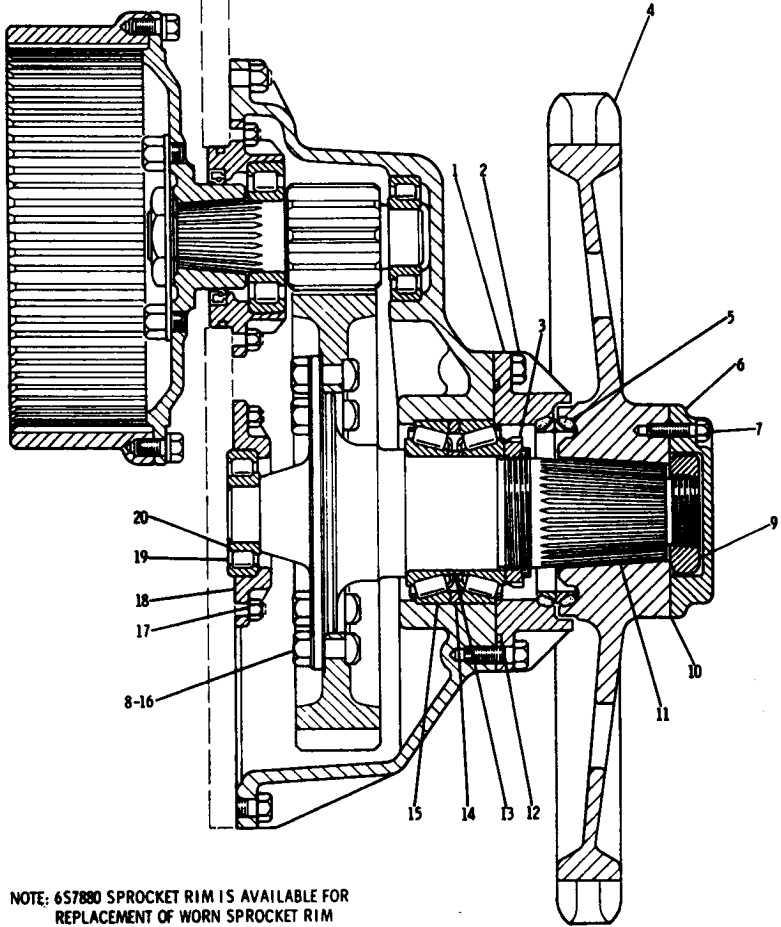


REF NO.	PART NUMBER	DESCRIPTION	QTY.
1	6S3203	DRUM-----	2
2	7K8238	FLANGE-----	2
3	6H1717	BOLT-----	28
4	2M849	WASHER-----	28
5	6S6521	CAGE-----	2
C 6	2K4973	NUT-----	12
7	5K8591	RACE & ROLLER ASSEM. --(outer)--	2
	3B3969	RACE----- (inner)-----	2
8	6S6512	PINION-----	2
9	3K5595	RACE & ROLLER ASSEM. --(outer)--	2
10	3K5596	RACE----- (inner)-----	2
	6S3204	COVER-----	2
11	1B5174	PLUG-----	4

12	6S3177	GEAR----- (56 teeth)-----	2
C	51595	BOLT-----	16
13	1F7958	NUT-----	24
14	7M7260	LIQUID GASKET-----	
15	2H3935	SEAL-----	2
16	3K9619	SEAL-----	2
17	1H9456	BOLT-----	4
C 18	5V659	LOCK-----	2
19	2J5815	NUT-----	2
	5G695	SEAL-----	2

NOTE: QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH R. H. & L. H. SIDES
C INDICATES CHANGE

220787



NOTE: 6S7880 SPROCKET RIM IS AVAILABLE FOR REPLACEMENT OF WORN SPROCKET RIM

C INDICATES CHANGE

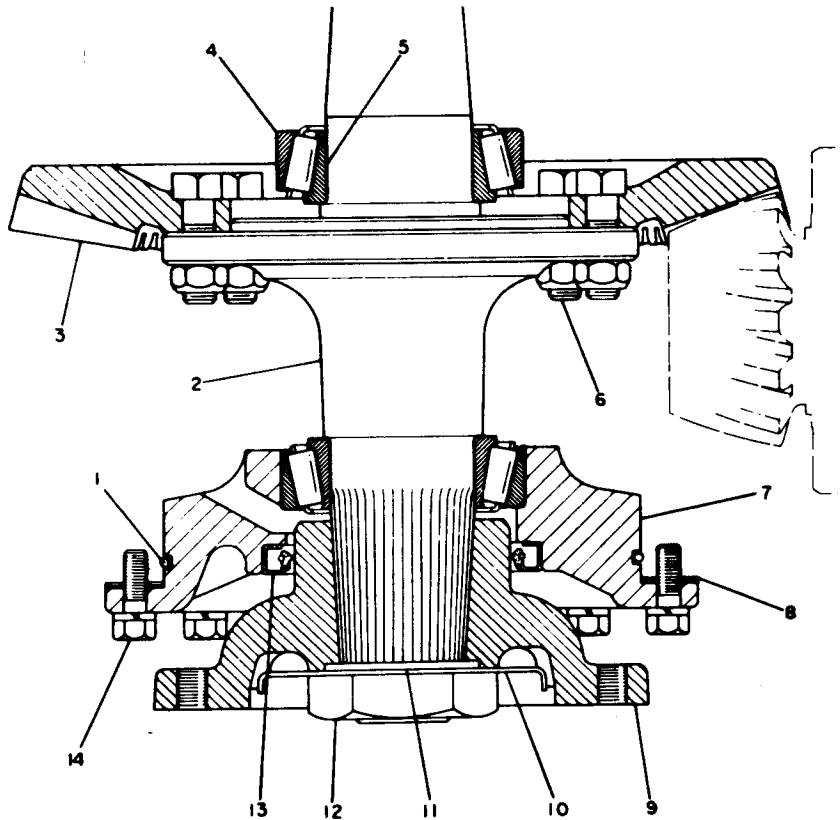
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	6S3192	RETAINER-----	2
C 2	51595	BOLT-----	12
3	6S4531	LOCKNUT-----	2
4	6S8270	SPROCKET-----	2
C 5	5P9121	SEAL GROUP-----	2
5	(Each Includes)		
	5P9120	RING-----	2
6	6S6816	LOCKNUT-----	2
C 7	3B1915	BOLT-----	12
C 8	7H3607	NUT-----	20
9	9B2962	NUT-----	2
	6S4535	GASKET-----	2
10	7M7269	LIQUID GASKET-----	

11	5G319	SHAFT-----	2
12	1H8278	SEAL-----	2
13	5P7208	SPACER-----	2
14	2P8387	SPACER-----	2
15	1P3934	CUP-----	4
	1P3935	CONE-----	4
16	3K3815	BOLT-----	20
C 17	2K4973	NUT-----	12
18	6S3194	CAGE-----	2
19	6S2905	RACE & ROLLER ASSEM. --(outer)--	2
20	3B3967	RACE----- (inner)-----	2

NOTE: QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH R. H. & L. H. SIDES

220788

6S3604 FINAL DRIVE GROUP-Part 2



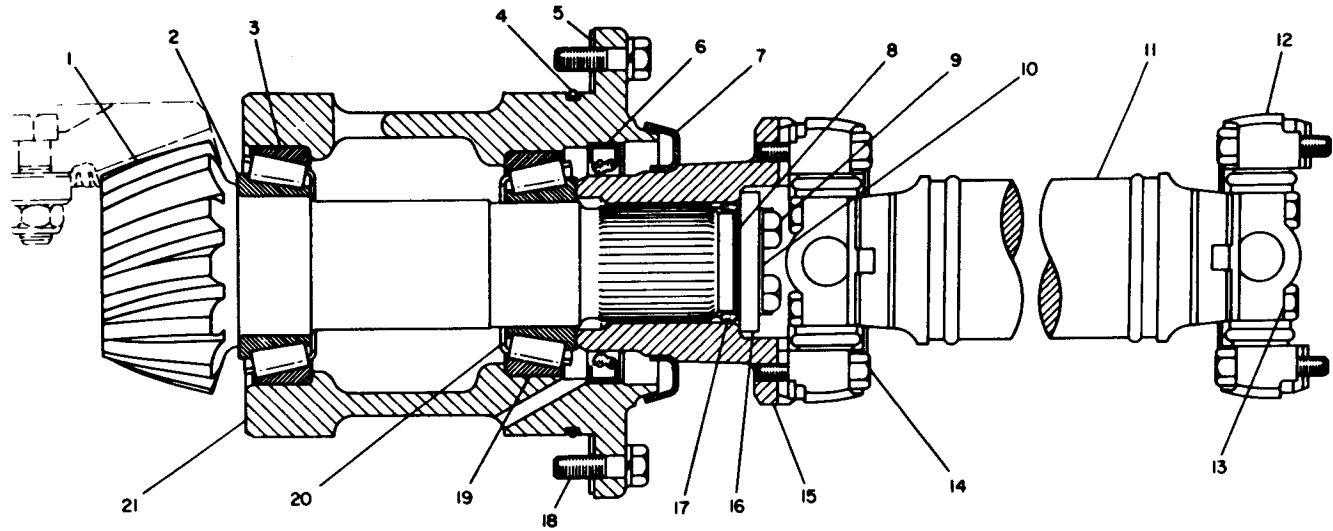
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2K2939	SEAL-----	2
2	6S3116	SHAFT----- (bevel gear)-----	1
3	6S3250	GEAR----- (bevel 47 teeth)-----	1
4	7J8894	CUP-----	2
5	7J8893	CONE-----	2
6	2K4830	BOLT-----	2
6	2K564	NUT-----	10
7	6S3181	CAGE-----	2
8	6S3159	SHIM PACK-----	4
9	6S3249	COUPLING-----	2
10	6S6614	LOCK-----	2
C 11	5G695	GASKET-----	2
12	L2341	NUT-----	2
13	3K9619	SEAL-----	2
14	1A2029	BOLT-----	16
14	3B4506	LOCKWASHER-----	16

C INDICATES CHANGE

217168

6S3530 BEVEL GEAR GROUP—Part 1

6S3530 BEVEL GEAR GROUP—Part 2

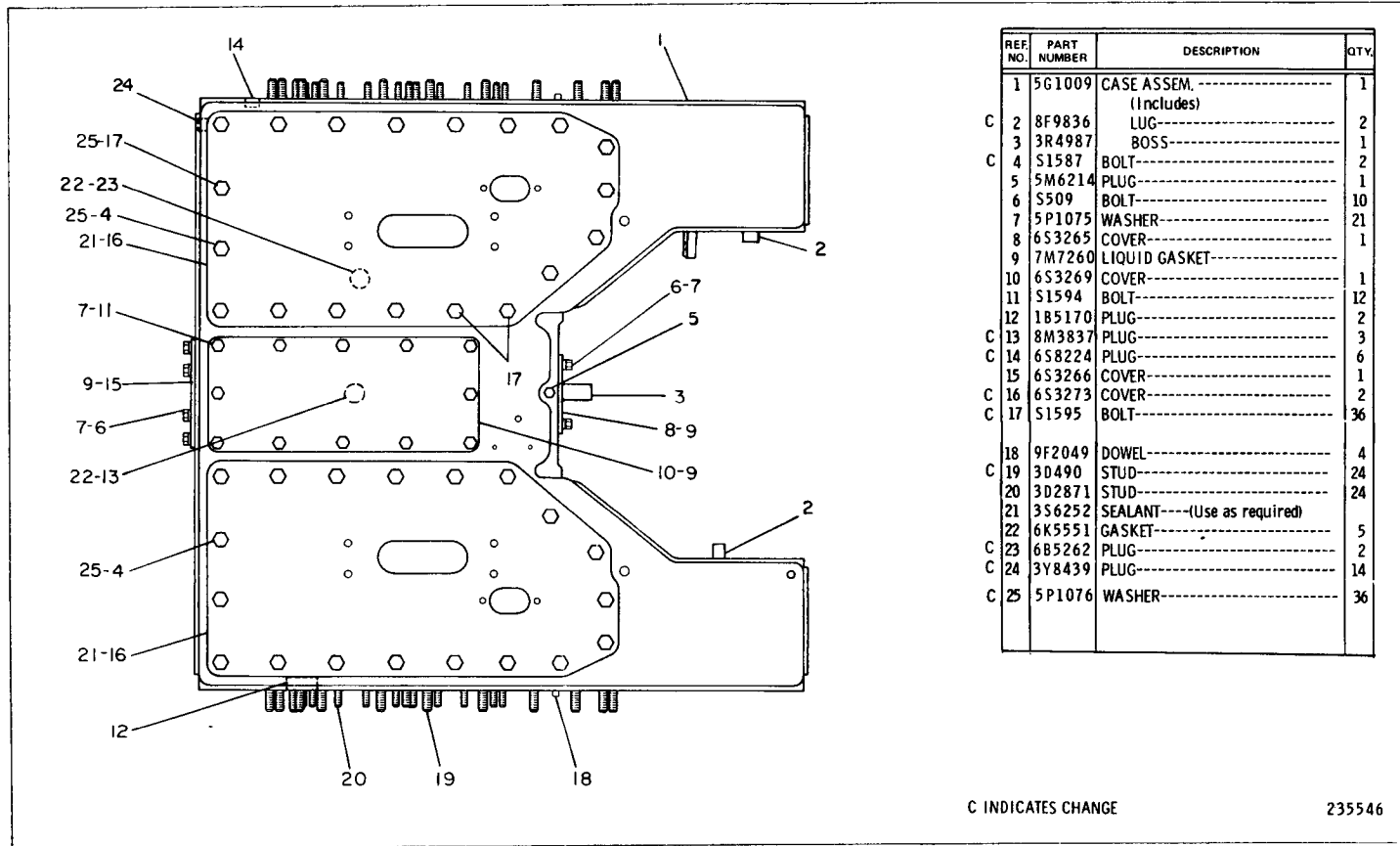


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6S3117	SHAFT---(bevel pinion-13 teeth)---	1
2	7J8893	CONE-----	1
3	7J8894	CUP-----	1
4	5F3106	SEAL-----	1
5	6S3160	SHIM PACK-----	2
6	9H6079	SEAL-----	1
7	6S4181	GUARD-----	1
8	6S3161	SHIM PACK-----	1
9	6F7030	BOLT-----	2
10	T329	LOCK-----	1

11	6S3256	DRIVE SHAFT ASSEM.-----	1
		(Includes)	
	6S3255	SHAFT ASSEM.-----	1
	6K316	SPIDER & BEARING ASSEM.---	2
		(Each Includes)	
12	7M9878	SEAL-----	4
	2D4867	FITTING-----	1
13	5D4184	BOLT-----	8
14	5D4184	BOLT-----	8
15	6S3158	YOKE-----	1

16	2K1722	WASHER-----	1
17	4F7389	SEAL-----	6
	5S1588	BOLT-----	1
18	3B4506	LOCKWASHER-----	6
19	7K8876	CUP-----	1
20	7K8877	CONE-----	1
21	6S3213	HOUSING-----	1

150182

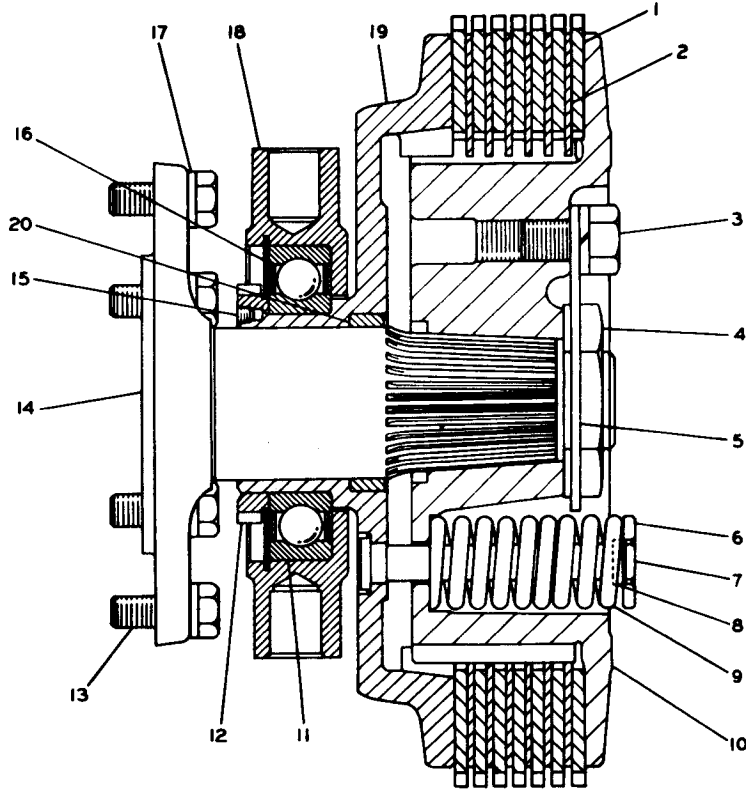


C INDICATES CHANGE

235546

5G997 STEERING CLUTCH CASE GROUP

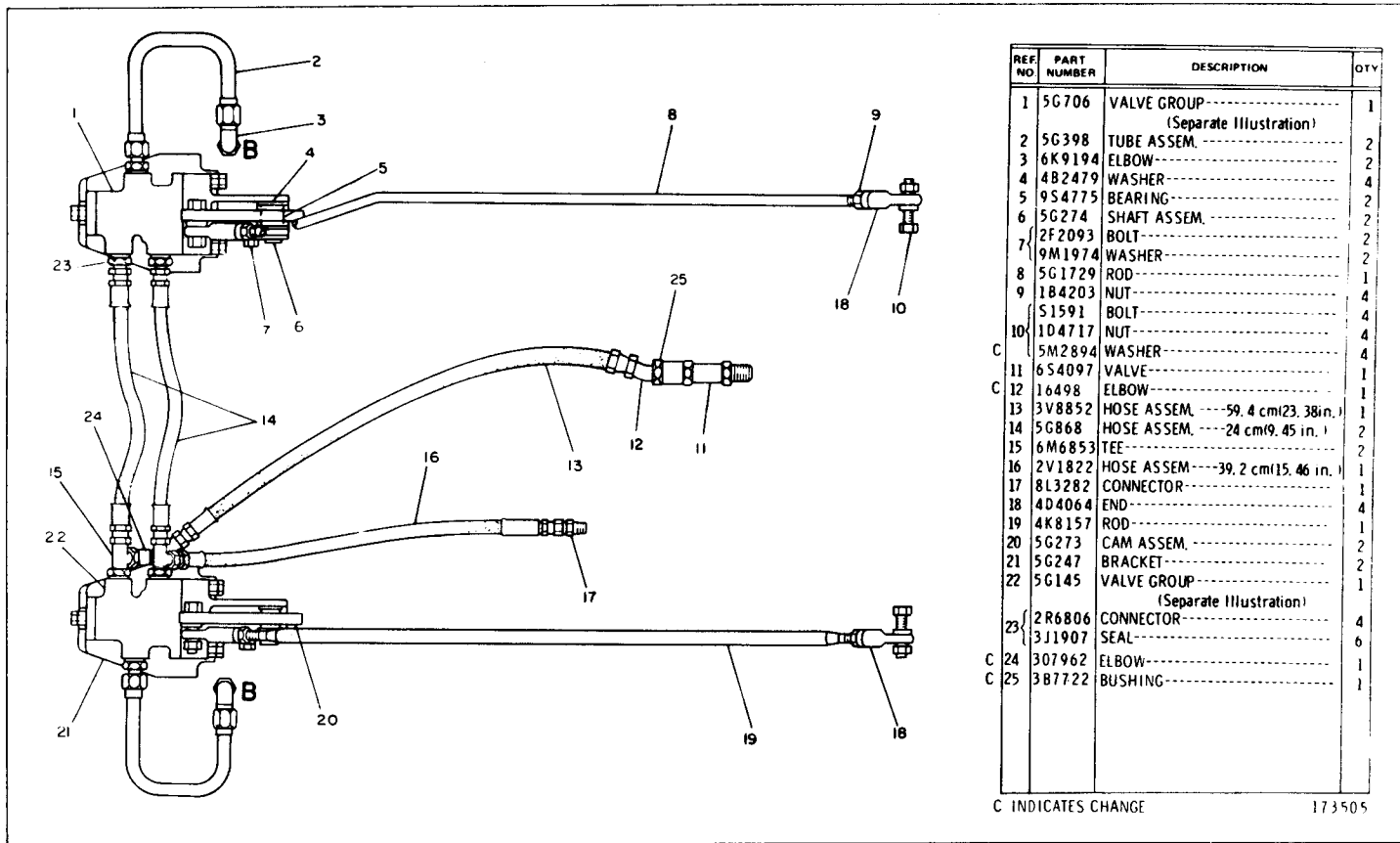
6S3528 STEERING CLUTCH GROUP



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6S3183	DISC-----	14
2	2H6936	DISC-----	12
3	S1624	BOLT-----	4
3	3B4510	LOCKWASHER-----	4
4	L2341	NUT-----	2
5	3B5524	LOCK-----	2
6	2B9020	RETAINER-----	16
7	6S3434	STUD-----	16
8	2B9018	LOCK-----	32
9	6S3414	SPRING-----	16
10	6S3398	DRUM-----	2
11	6S3435	BEARING-----	2
12	3V2	NUT-----	2
13	S1595	BOLT-----	12
14	6S3397	SHAFT-----	2
C 15	102571	SCREW-----	4
16	1H7478	RING-----	2
C 17	3H7654	WASHER-----	12
18	6S3399	CAGE-----	2
19	2M1086	PLATE ASSEM.-----	2
20	6H3569	BUSHING-----	1

C INDICATES CHANGE

217171

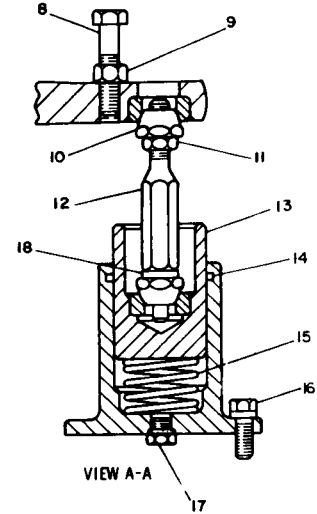
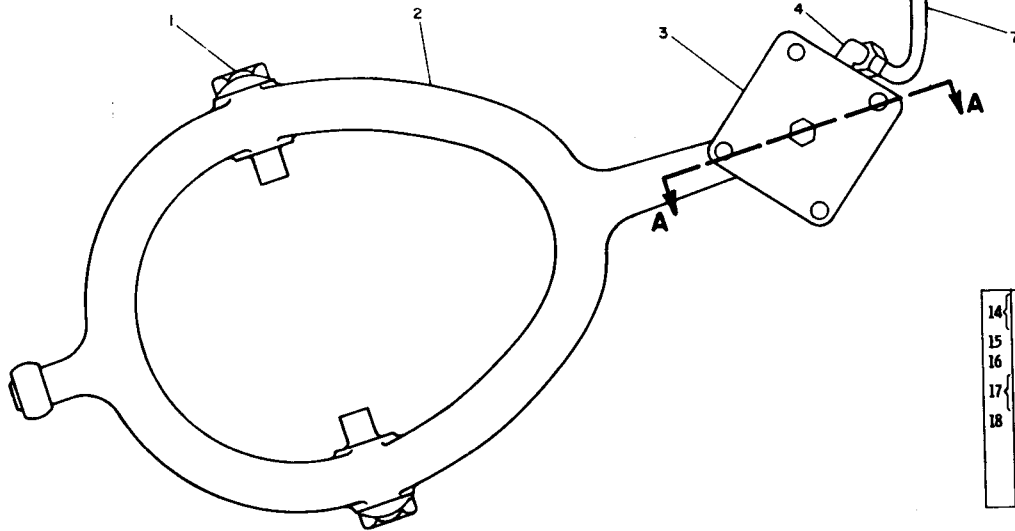


5G384 STEERING CLUTCH CONTROL GROUP—Part 1
5G145 and 5G706 Valve parts are shown on Pages 86 and 87

5G384 STEERING CLUTCH CONTROL GROUP—Part 2

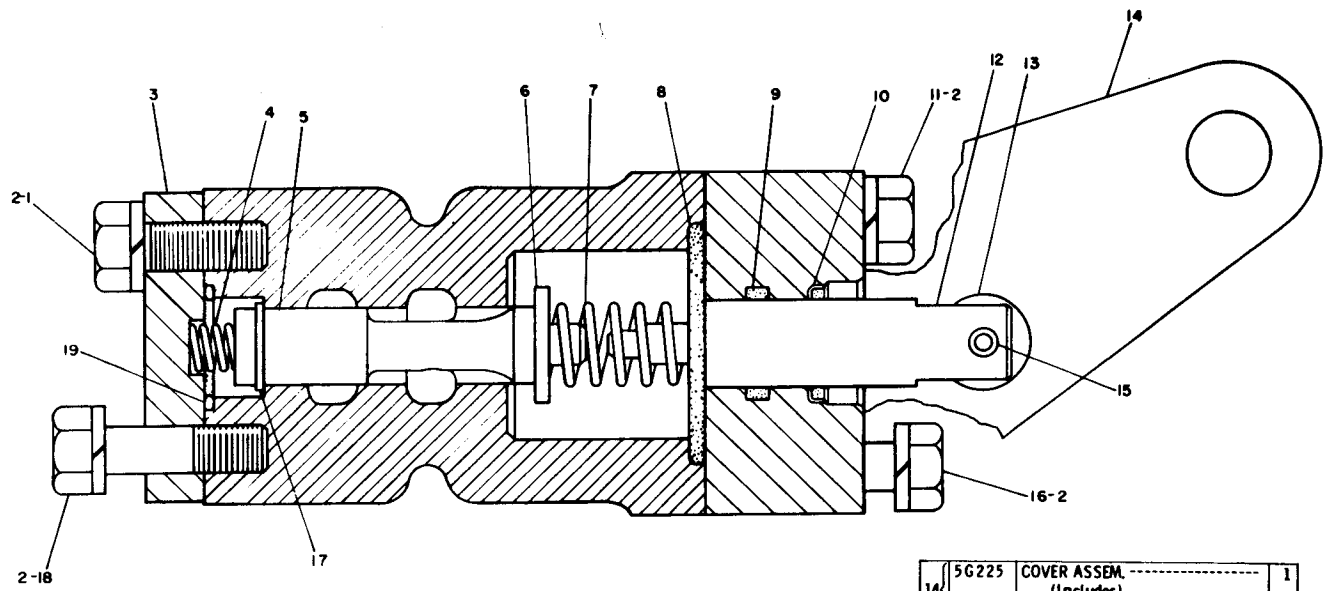
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	7K8915	SCREW-----	4
	T355	LOCK-----	4
	6S3838	YOKE ASSEM.-----	2
2	1M1723	INSERT----- (Each Includes)	1
	1A7657	BALL-----	1
3	5G718	CYLINDER-----	2
	3O7947	ELBOW-----	2
4	3J1907	SEAL-----	2

5	2P1278	UNION-----	2
	4H6145	GASKET-----	2
6	2P1279	NUT-----	2
7	5G705	TUBE ASSEM.-----	2
8	682121	BOLT-----	2
9	1D4719	NUT-----	2
10	1M1729	NUT-----	4
11	1B4430	NUT-----	2
12	5G1780	ROD-----	2
13	6S3483	PISTON ASSEM.----- (Each Includes)	2
	1M1723	INSERT-----	1



14	6S3479	RING-----	2
	1H8720	SEAL-----	2
15	7M4914	SPRING-----	2
	51588	BOLT-----	2
17	9S4182	PLUG-----	2
	3J7354	SEAL-----	2
18	5P8245	WASHER-----	2

223224



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	4B9883	BOLT-----	1
2	9M1974	WASHER-----	6
3	5G1452	COVER-----	1
4	2P4547	SPRING-----	1
5	5G216	SPOOL-----	1

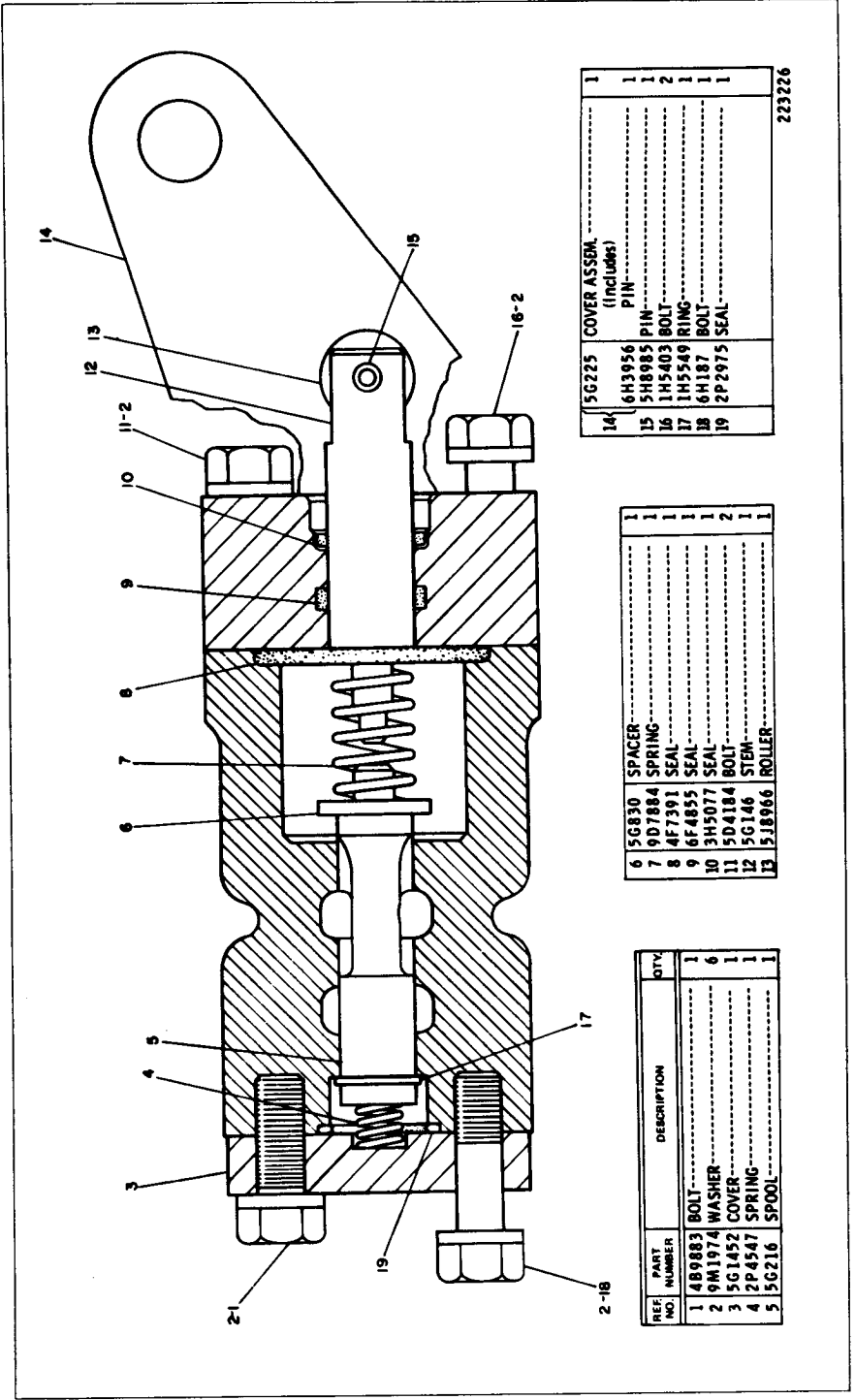
6	5G830	SPACER-----	1
7	9D7884	SPRING-----	1
8	4F7391	SEAL-----	1
9	6F4855	SEAL-----	1
10	3H5077	SEAL-----	1
11	5D4184	BOLT-----	2
12	5G146	STEM-----	1
13	5J8966	ROLLER-----	1

14	5G225	COVER ASSEM.-----	1
		(Includes)	
	6H3956	PIN-----	1
15	5H8985	PIN-----	1
16	1H5403	BOLT-----	2
17	1H5549	RING-----	1
18	6H187	BOLT-----	1
19	2P2975	SEAL-----	1

223225

5G145 CONTROL VALVE GROUP
 Part of 5G384 Steering Clutch Control Group shown on Page 84

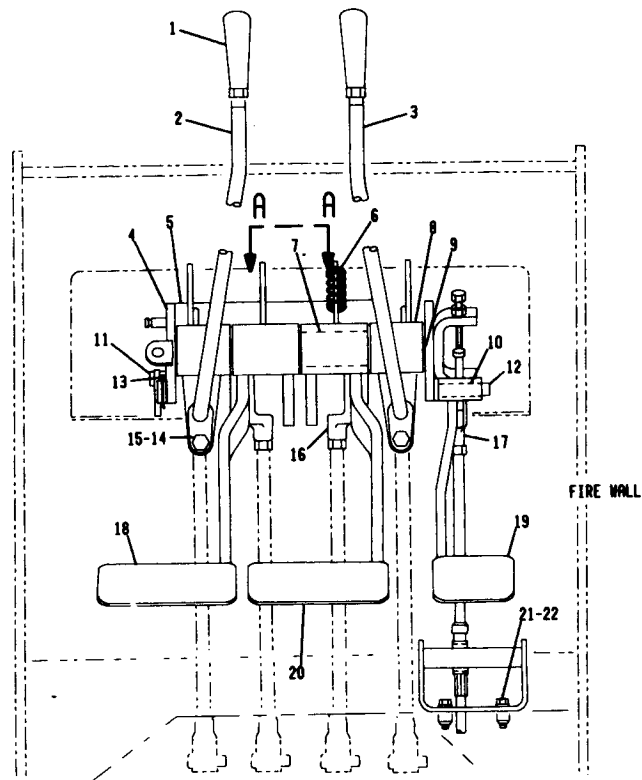
5G706 CONTROL VALVE GROUP
 Part of 5G384 Steering Clutch Control Group shown on Page 84



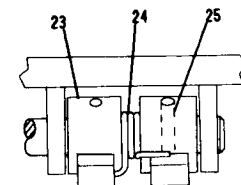
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	489883	BOLT	1
2	9M1974	WASHER	6
3	5G1452	COVER	1
4	2P4547	SPRING	1
5	5G216	SPOOL	1
6	5G830	SPACER	1
7	9D7884	SPRING	1
8	4F7391	SEAL	1
9	6F4855	SEAL	1
10	3H5077	SEAL	1
11	5D4184	BOLT	2
12	5G146	STEM	1
13	5J8966	ROLLER	1
14	5G225	COVER ASSEMBLY (includes PIN)	1
15	6H3956	PIN	1
16	5H8985	PIN	1
17	1H5403	BOLT	2
18	1H5549	RING	1
19	6H187	BOLT	1
	2P2975	SEAL	1

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G225	COVER ASSEMBLY (includes PIN)	1
2	6H3956	PIN	1
3	5H8985	PIN	1
4	1H5403	BOLT	2
5	1H5549	RING	1
6	6H187	BOLT	1
7	2P2975	SEAL	1

23226



NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	L829	2	HANDLE
	2	5G3856	1	ROD ASSEM.
	3	5G3098	1	ROD ASSEM.
	4	5G3094	1	BRACKET ASSEM.
	5	5G3107	1	LEVER ASSEM.
	6	5G1684	1	SPRING
	7	9S9302	1	BEARING
	8	5G3103	1	LEVER ASSEM.
	9	5G26	5	WASHER
	10	5G3860	2	BEARING
	11	5G3095	1	SHAFT ASSEM.
	12	5G3506	1	ROD
	13	3B4618	1	COTTER
	14	3H5841	2	BOLT
	15	5M2894	2	WASHER
	16	6S6793	2	END
	17	692508	1	CLEVIS
	18	5G3086	1	PEDAL ASSEM.
	19	5G3519	1	PEDAL ASSEM.
	20	5G3090	1	PEDAL ASSEM.
	21	L1351	2	BOLT
	22	5P1075	2	WASHER
	23	5G15	2	PAWL ASSEM.
	24	5G3097	1	SPRING
	25	9F7882	2	PIN

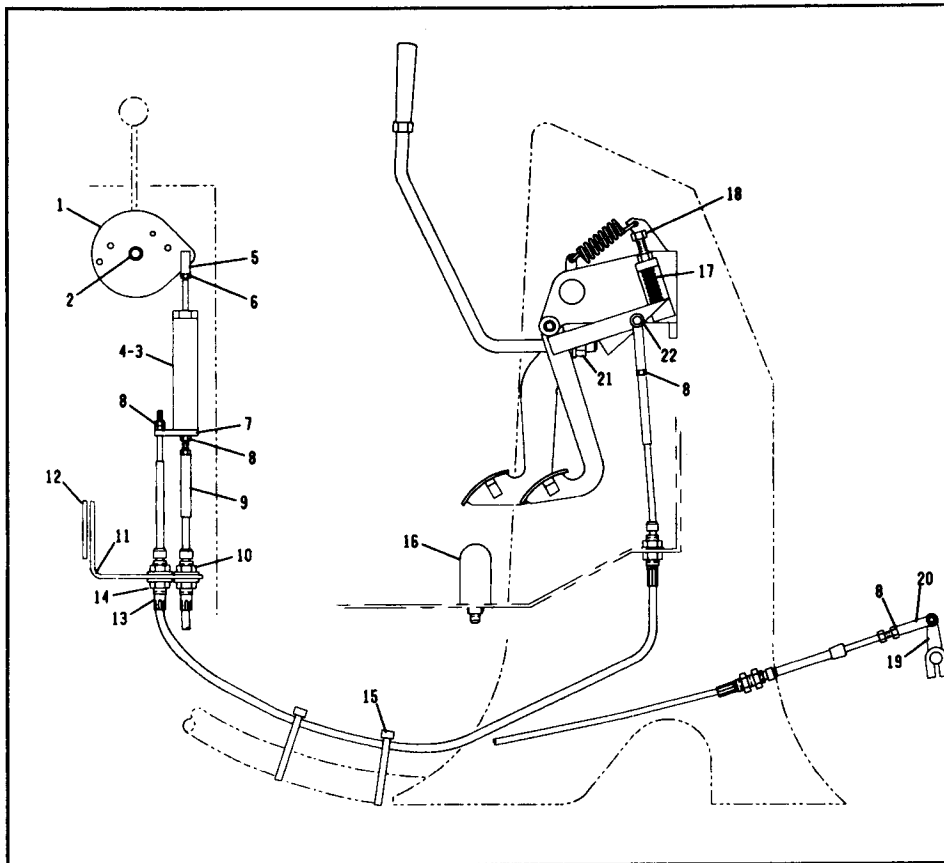


ENLARGED VIEW OF SECTION A-A

#307155

5G3200 STEERING AND DECELERATOR CONTROL GROUP—Part 1
AN ATTACHMENT

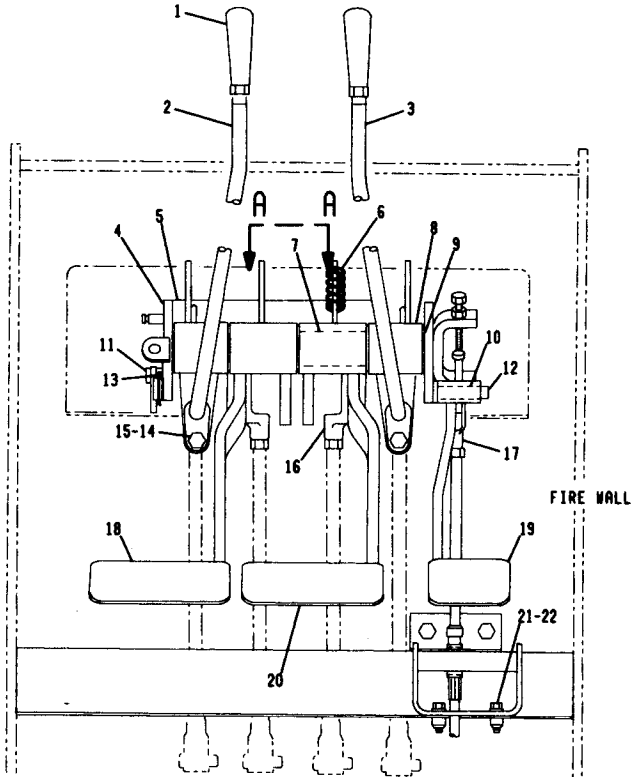
5G3200 STEERING AND DECELERATOR CONTROL GROUP—Part 2
AN ATTACHMENT



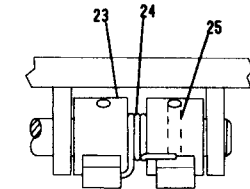
NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	5G3630	1	PLATE AS.
	2	9M4256	1	BEARING
	3	5G3505	1	ROD AS.
	4	5G3508	1	SPRING
	5	5G3510	1	ROD AS.
	6	5G3507	1	PLUG
	7	5G3639	1	PLATE AS.
	8	6F612	5	NUT
	9	5G3518	1	CABLE AS.
	10	9S1354	4	NUT
		6F253	4	LOCKWASHER
	11	5G3515	1	BRACKET AS.
	12	5G3857	1	PLATE
	13	5G3625	1	CABLE AS.
	14	9S1354	4	NUT
		6F253	2	LOCKWASHER
	15	7K1181	2	STRAP
	16	5G3523	1	SUPPORT AS.
	17	5L5651	1	SPRING
	18	1M644	1	BOLT
C		9S8752	1	NUT
	19	5G2267	1	LEVER
	20	4N4735	1	END
	21	4K367	2	NUT
		5P8247	2	WASHER
	22	5B3850	1	WASHER
		3B4615	1	PIN
		3K5601	1	PIN
		SMHS8004	1	FORM (INSTALLATION INSTRUCTIONS)

C-INDICATES CHANGE

■ 313405



NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	L829	2	HANDLE
	2	5G3856	1	ROD ASSEM.
	3	5G3098	1	ROD ASSEM.
	4	5G3094	1	BRACKET ASSEM.
	5	5G3107	1	LEVER ASSEM.
	6	5G1684	1	SPRING
	7	9S9302	1	BEARING
	8	5G3103	1	LEVER ASSEM.
	9	5G26	5	WASHER
	10	5G3860	2	BEARING
	11	5G3095	1	SHAFT ASSEM.
	12	5G3506	1	ROD
	13	3B4618	1	COTTER
	14	3H5841	2	BOLT
	15	5M2894	2	WASHER
	16	6S6793	2	END
	17	692508	1	CLEVIS
	18	5G3086	1	PEDAL ASSEM.
	19	5G3519	1	PEDAL ASSEM.
	20	5G3090	1	PEDAL ASSEM.
	21	L1351	2	BOLT
	22	5P1075	2	WASHER
	23	5G15	2	PAWL ASSEM.
	24	5G3097	1	SPRING
	25	9F7882	2	PIN

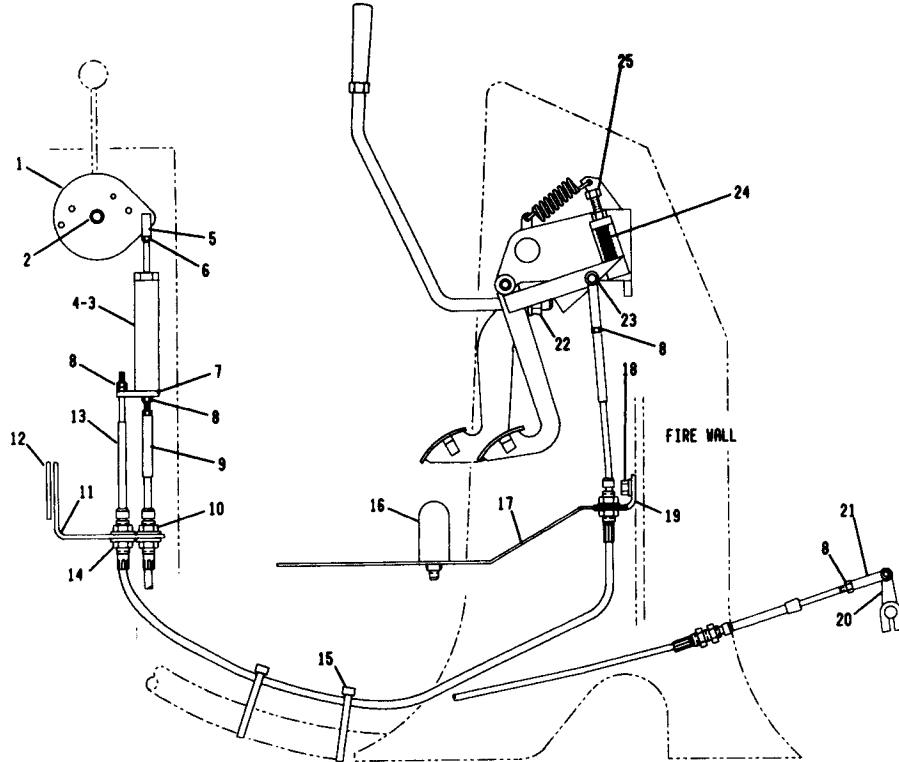


ENLARGED VIEW OF SECTION A-A

#307138

5G4317 STEERING AND DECELERATOR CONTROL GROUP—Part 1
FOR USE WITH OPEN ROPS. AN ATTACHMENT

5G4317 STEERING AND DECELERATOR CONTROL GROUP—Part 2
FOR USE WITH OPEN ROPS. AN ATTACHMENT

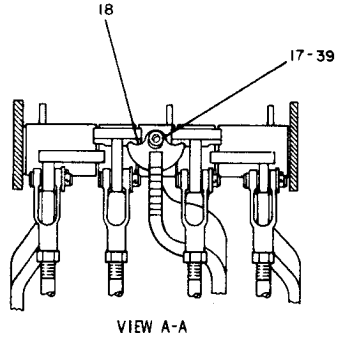
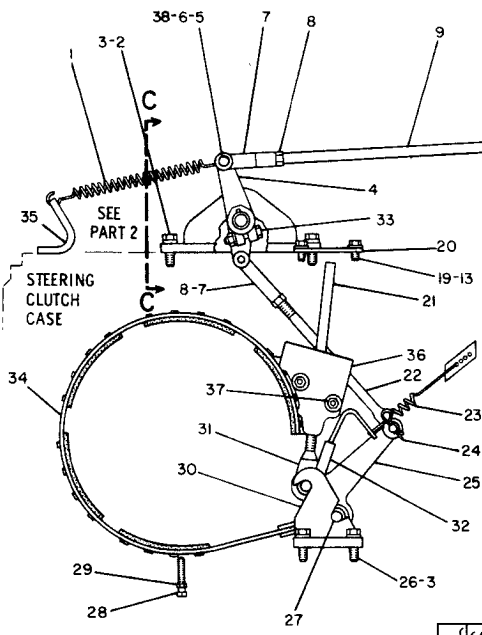
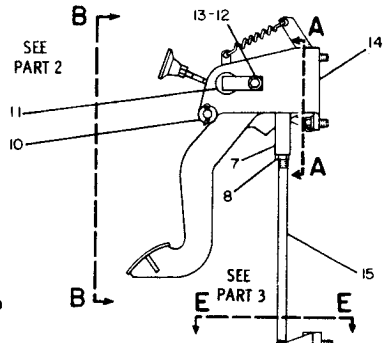


NOTE	REF ID	PART NUMBER	QTY	DESCRIPTION
	1	5G3630	1	PLATE ASSEM.
	2	9M4256	1	BEARING
	3	5G3505	1	ROD ASSEM.
	4	5G3508	1	SPRING
	5	5G3510	1	ROD ASSEM.
	6	5G3507	1	PLUG
	7	5G3639	1	PLATE ASSEM.
	8	6F612	5	NUT
	9	5G3518	1	CABLE ASSEM.
	10	9S1354	4	NUT
		6F253	4	LOCKWASHER
	11	5G3515	1	BRACKET ASSEM.
	12	5G3857	1	PLATE
	13	5G3625	1	CABLE ASSEM.
	14	9S1354	4	NUT
		6F253	2	LOCKWASHER
	15	7K1181	2	STRAP
	16	5G3523	1	SUPPORT ASSEM.
	17	5G4304	1	PLATE ASSEM.
	18	S1594	2	BOLT
		5P1075	2	WASHER
	19	5G4302	1	BRACKET
	20	5G2267	1	LEVER
	21	4N4735	1	END
	22	4K367	2	NUT
		5P8247	2	WASHER
	23	5B3850	1	WASHER
		3B4615	1	PIN
		3K5601	1	PIN
	24	5L5651	1	SPRING
	25	1M644	1	BOLT
		1D4717	1	NUT
	SMHS8004		1	FORM (INSTALLATION INSTRUCTIONS)

#307139

CATERPILLAR D3B TRACTOR

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	4M4014	SPRING-----	2
2	S1595	BOLT-----	8
3	5P8245	WASHER-----	16
4	6S3827	LEVER-----	2
1	1B8736	KEY-----	2
5	3H1977	PIN-----	2



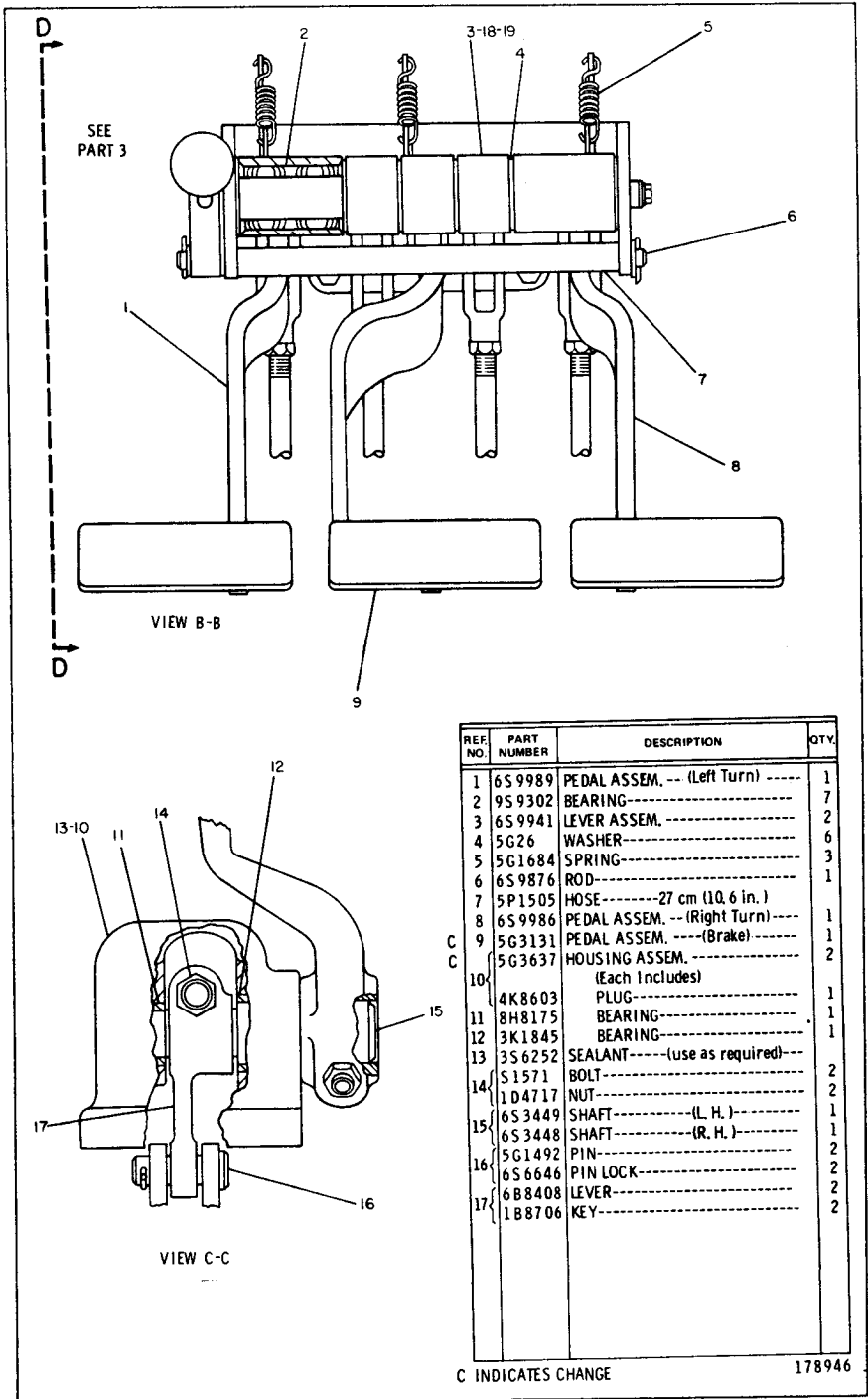
C 6	3B4617	COTTER PIN-----	2
7	6F7010	END-----	8
8	1B4430	NUT-----	8
9	5G371	ROD-----	2
10	1K4703	WASHER-----	3
C 10	3B4617	COTTER PIN-----	2
11	6S9983	SHAFT ASSEM.-----	1
12	S509	BOLT-----	1
13	5P1075	WASHER-----	5
14	6S9916	BRACKET ASSEM.-----	1
		(Includes)	
	5G213	PIN-----	1
C 15	4K1347	ROD-----	4
16	2M8340	END-----	2
C 17	3H1977	PIN----- (large)-----	1
18	6S9976	BLOCK-----	1
19	L1351	BOLT-----	4
20	5G1275	COVER-----	2
	5G1274	GASKET-----	2
21	6S4244	NUT ASSEM.-----	2
22	1M1959	ROD-----	2
23	7D5289	SPRING-----	2

24	6S6646	PIN LOCK-----	2
	5G1492	PIN-----	2
25	6S3725	LEVER-----	2
26	S1585	BOLT-----	8
27	6S3447	PIN-----	4
28	4B3614	SCREW-----	2
29	3H3680	NUT-----	2
30	6S3455	ANCHOR ASSEM.-----	2
31	7H3788	FORK-----	2
32	6S9438	PLATE ASSEM.-----	2
33	S1571	BOLT-----	2
	1D4717	NUT-----	2
34	5G1073	BAND ASSEM.-----	2
		(Separate Illustration)	
35	6S9477	PLATE-----	2
36	5G2668	PLATE-----	4
	4B7220	BOLT-----	4
	1B4428	NUT-----	8
37	4B4279	WASHER-----	8
	6F4294	SPRING-----	4
C 38	4B4280	WASHER-----	2
C 39	3K4897	PIN----- (small)-----	1

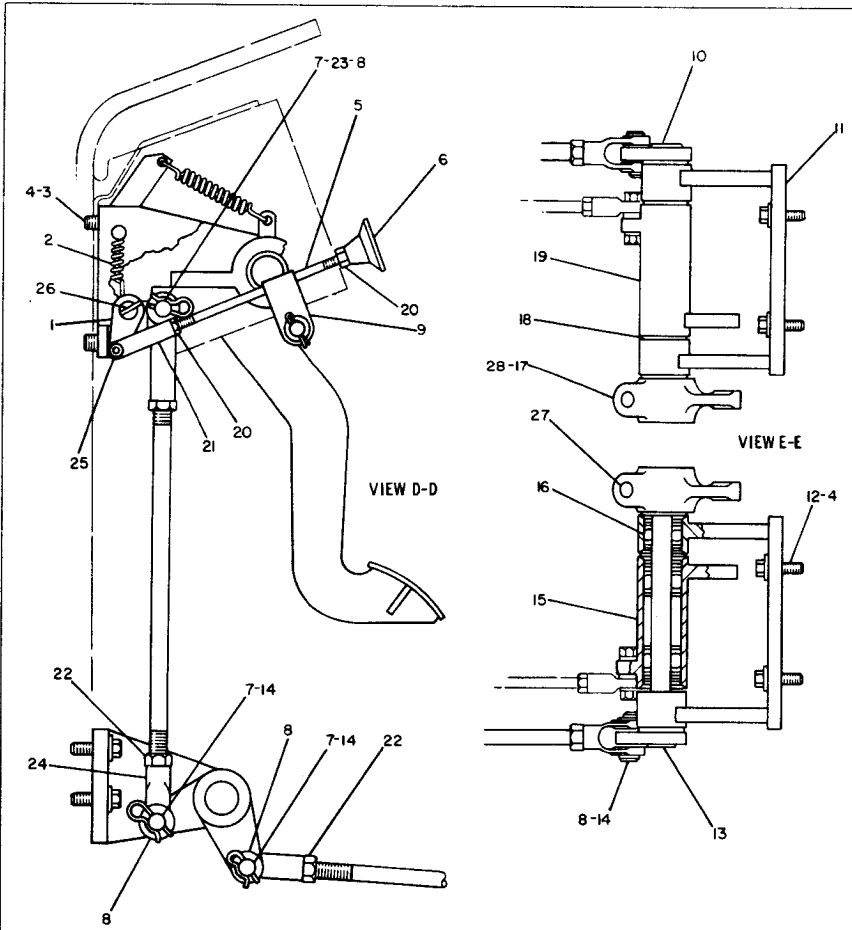
C INDICATES CHANGE

177248

5G8 STEERING BRAKE GROUP—Part 1 of 3
 Serial No. 23Y1 to 23Y1209 inclusive
 5G1073 Brake Band Lining parts are shown on Page 91



5G8 STEERING BRAKE GROUP—Part 2 of 3
Serial No. 23Y1 to 23Y1209 inclusive



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G773	SHAFT ASSEM. -----	1
2	5G210	SPRING -----	1
3	S1594	BOLT -----	4
4	5P1075	WASHER -----	12
5	5G766	ROD -----	1
6	5G1696	KNOB -----	1
7	8B1419	PIN -----	10
8	4B4280	WASHER -----	12
9	5G880	BLOCK -----	1
10	5G2075	SHAFT ASSEM. ----- (R. H.) -----	1
11	6S9878	BRACKET ASSEM. -----	2
12	S1588	BOLT -----	8
13	5G2076	SHAFT ASSEM. ----- (L. H.) -----	1
C 14	5P372	PIN LOCK -----	6
15	5G84	BELLCRANK ASSEM. -----	1
16	9S6465	BEARING -----	8
17	5G105	LEVER -----	2
18	5G878	WASHER -----	8

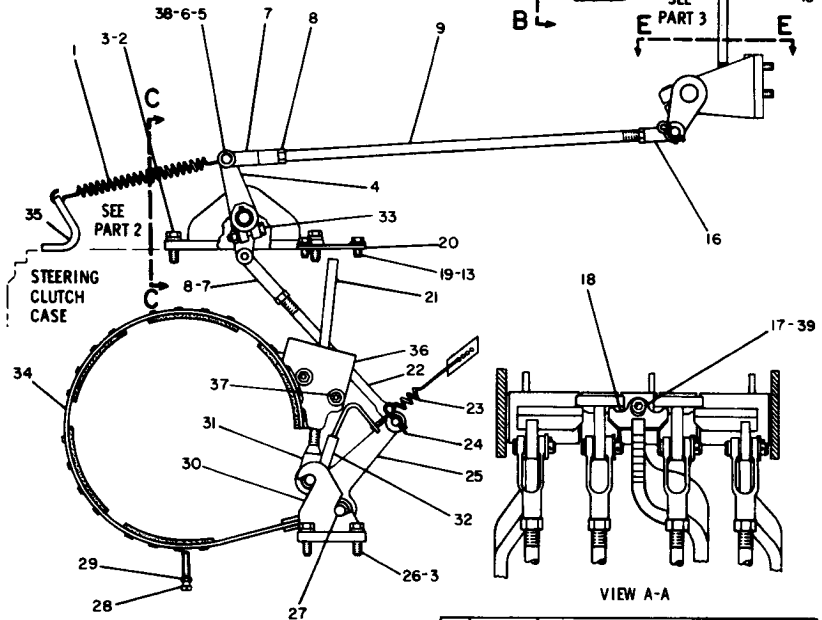
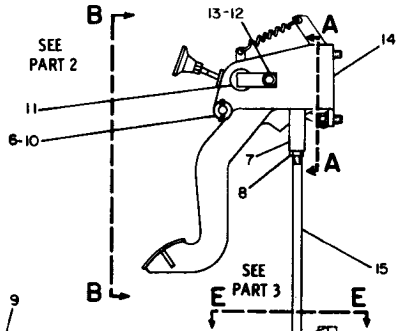
19	5G75	BELLCRANK ASSEM. -----	1
C 20	6F612	NUT -----	2
21	8B3768	YOKE -----	1
22	1B4430	NUT -----	6
C 23	3B4617	COTTER PIN -----	4
24	2M8340	END -----	4
	4B3057	PIN -----	1
C 25	3B4607	COTTER PIN -----	1
	4B4674	WASHER -----	1
26	9F7882	PIN -----	1
	5G15	PAWL ASSEM. -----	1
C 27	S1585	BOLT -----	2
28	1B8714	KEY -----	2

C INDICATES CHANGE

177250

5G8 STEERING BRAKE GROUP—Part 3 of 3
Serial No. 23Y1 to 23Y1209 inclusive

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	4M4014	SPRING-----	2
2	S1595	BOLT-----	8
3	5P8245	WASHER-----	16
4	6S3827	LEVER-----	2
4	1B8736	KEY-----	2
5	3H1977	PIN-----	2

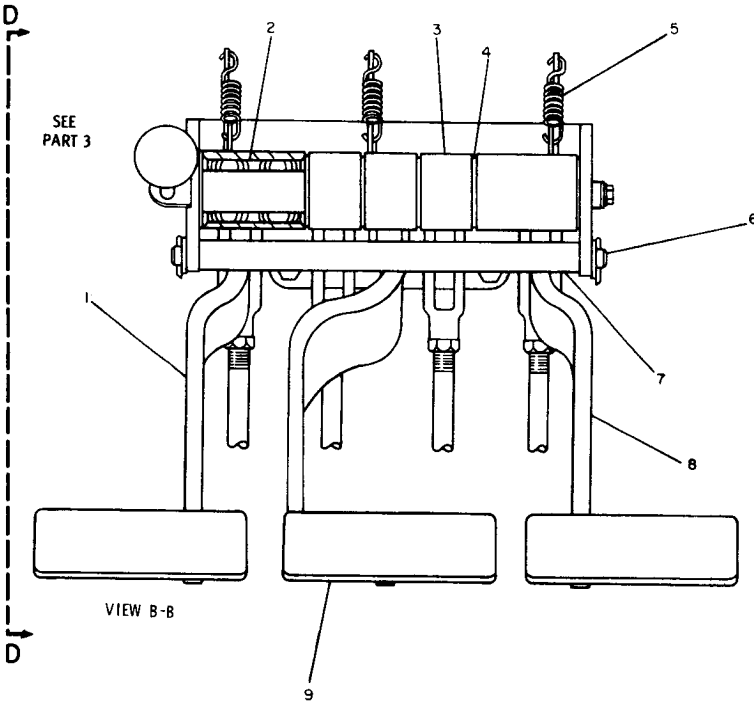


6	3B4617	COTTER PIN-----	4
7	6F7010	END-----	8
8	1B4430	NUT-----	8
9	5G371	ROD-----	2
10	1K4703	WASHER-----	2
11	6S9983	SHAFT ASSEM.-----	1
12	S509	BOLT-----	1
13	5P1075	WASHER-----	5
14	5G3155	BRACKET ASSEM.-----	1
		(Includes)	
	5G213	PIN-----	1
15	4K1347	ROD-----	4
16	2M8340	END-----	2
17	3H1977	PIN----- (large)	1
18	6S9976	BLOCK-----	1
19	L1351	BOLT-----	4
20	5G1275	COVER-----	2
20	5G1274	GASKET-----	2
21	6S4244	NUT ASSEM.-----	2
22	1M1959	ROD-----	2
23	7D5289	SPRING-----	2

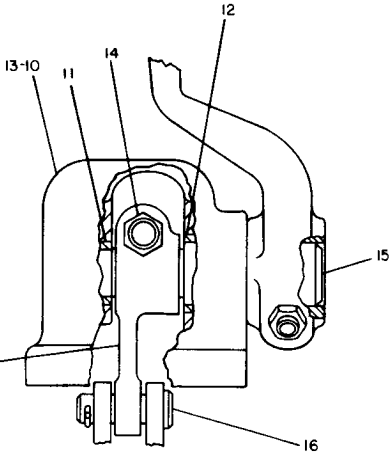
24	6S6646	PIN LOCK-----	2
24	5G1492	PIN-----	8
25	6S3725	LEVER-----	2
26	S1585	BOLT-----	8
27	6S3447	PIN-----	4
28	4B3614	SCREW-----	2
29	3H3680	NUT-----	2
30	6S3455	ANCHOR ASSEM.-----	2
31	7H3788	FORK-----	2
32	6S9438	PLATE ASSEM.-----	2
33	S1571	BOLT-----	2
33	1D4717	NUT-----	2
34	5G1073	BAND ASSEM.-----	2
		(Separate Illustration)	
35	6S9477	PLATE-----	2
36	5G2668	PLATE-----	4
	4B7220	BOLT-----	4
	1B4428	NUT-----	8
37	4B4279	WASHER-----	8
	6F4294	SPRING-----	4
38	4B4280	WASHER-----	2
39	3K4897	PIN----- (small)	1

307029

5G3182 STEERING BRAKE GROUP—Part 1 of 3
 Serial No. 23Y1210—Up
 5G1073 Brake Band Lining parts are shown on Page 91



VIEW B-B



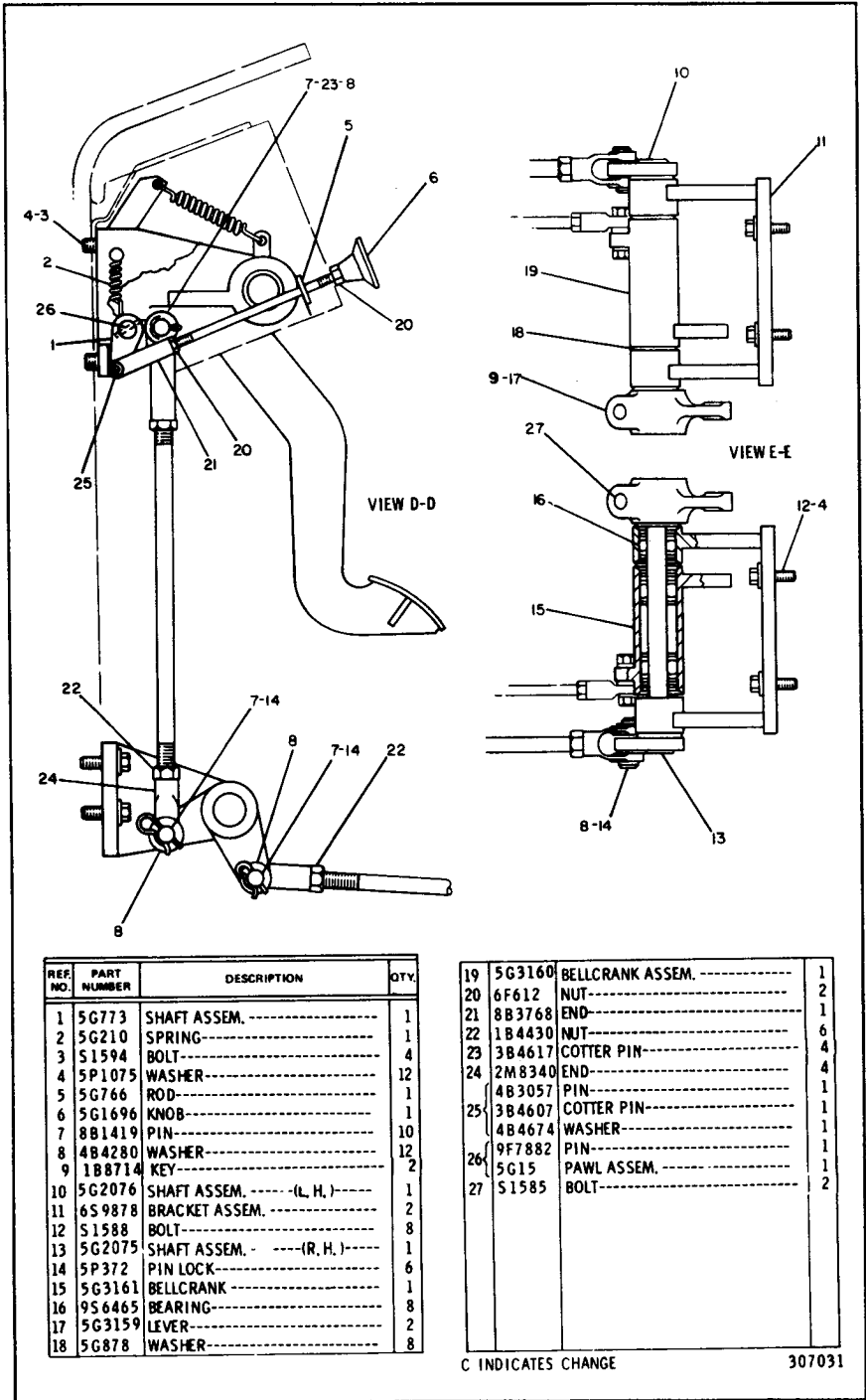
VIEW C-C

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G3176	PEDAL ASSEM. -- (Left Turn) -----	1
2	9S9302	BEARING-----	7
3	5G3183	LEVER ASSEM.-----	2
4	5G26	WASHER-----	6
5	5G1684	SPRING-----	3
6	6S9876	ROD-----	1
7	5P1505	HOSE-----27 cm (10.6 in.)	1
8	5G3177	PEDAL ASSEM. -- (Right Turn)-----	1
9	5G3131	PEDAL ASSEM. ----(Brake)-----	1
C	5G3637	HOUSING ASSEM.-----	2
10		(Each Includes)	
	4K8603	PLUG-----	1
	8H8175	BEARING-----	1
	3K1845	BEARING-----	1
13	3S6252	SEALANT----- (use as required)---	1
14	S1571	BOLT-----	2
	1D4717	NUT-----	2
15	6S3449	SHAFT----- (L. H.)-----	1
	6S3448	SHAFT----- (R. H.)-----	1
16	5G1492	PIN-----	2
	6S6646	PIN LOCK-----	2
17	6B8408	LEVER-----	2
	1B8706	KEY-----	2

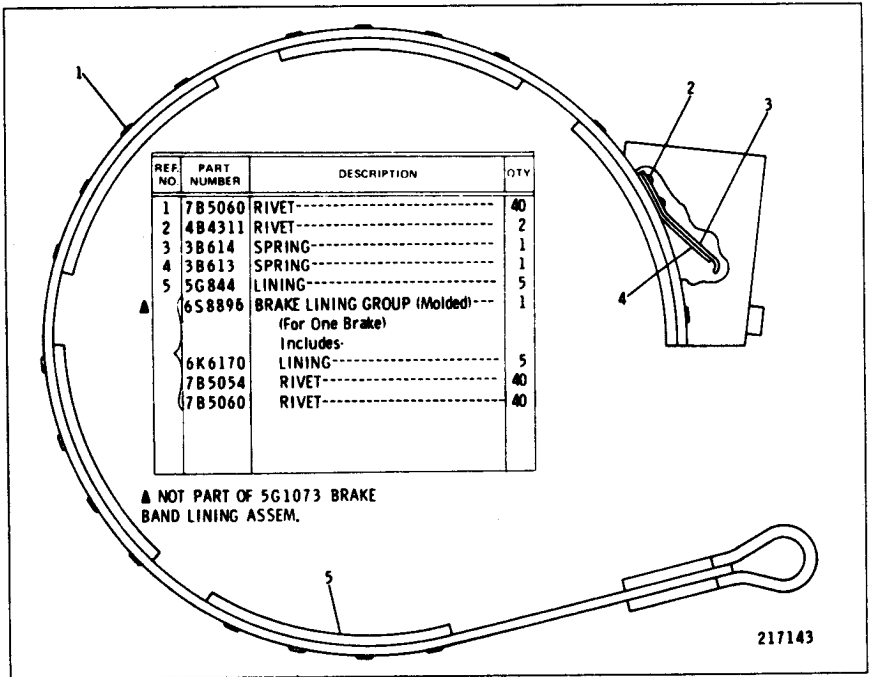
C INDICATES CHANGE

307030

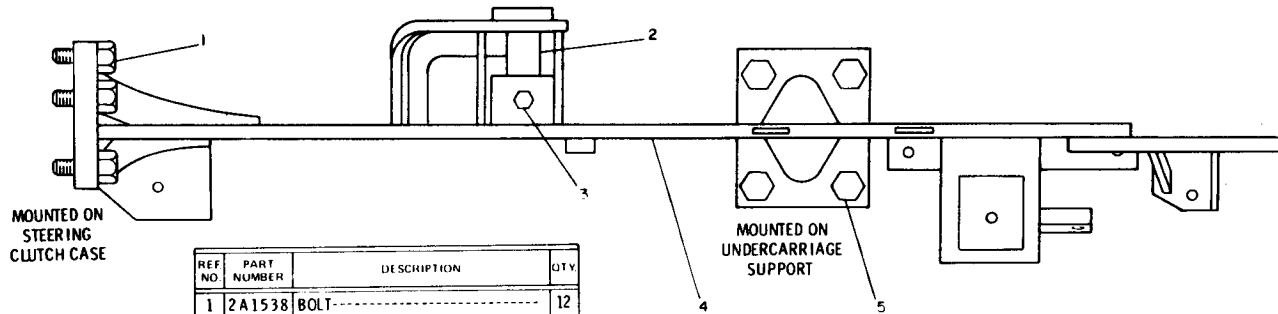
5G3182 STEERING BRAKE GROUP—Part 2 of 3
Serial No. 23Y1210—Up



5G3182 STEERING BRAKE GROUP—Part 3 of 3
Serial No. 23Y1210—Up



5G1073 BRAKE BAND LINING GROUP
 Part of 5G8 & 5G3182 Brake Groups shown on Pages 88 and 90A



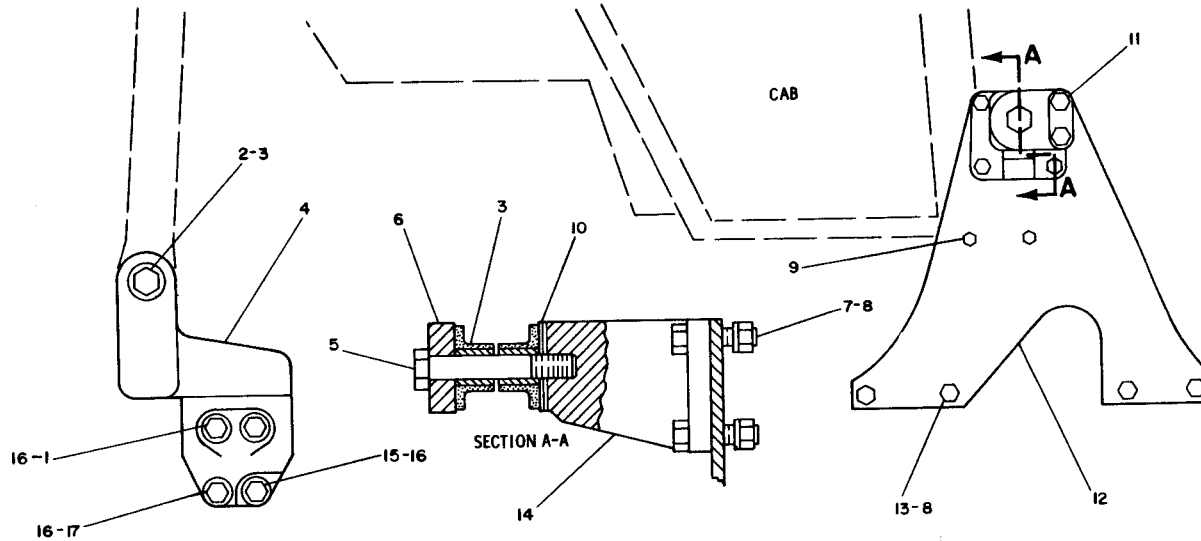
REF NO	PART NUMBER	DESCRIPTION	QTY
1	2A1538	BOLT-----	12
2	6S5984	PIN-----	2
	1D4566	BOLT-----	2
3	2H3788	NUT-----	2
	6S9871	FRAME ASSEM. ---(L. H.)-----	1
4	4D9376	BOSS-----	1
	1D4610	BOLT-----	8
5	2J3506	NUT-----	8
	5H1504	WASHER-----	8
6	5G451	FRAME ASSEM. --- (R. H.)-----	1

MOUNTED ON
STEERING
CLUTCH CASEMOUNTED ON
STEERING
CLUTCH CASEMOUNTED ON
UNDERCARRIAGE
SUPPORTMOUNTED ON
UNDERCARRIAGE
SUPPORT

173092

5G262 FRAME GROUP

5G521 ROLL-OVER PROTECTIVE STRUCTURE MOUNTING GROUP
 Also part of 5G2293 Cab Mounting Group shown on Page 94
 AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	1D4630	BOLT-----	4
2	5F9338	BOLT-----	2
2	2J3507	NUT-----	2
3	8P2575	BUSHING-----	8
4	6S9723	BRACKET----(R. H.)-----	1
4	6S9737	BRACKET----(L. H.)-----	1
5	5B5473	BOLT-----	2
5	3K5234	WASHER-----	2

6	5G450	CAP-----	2
7	1D4608	BOLT-----	8
8	2J3506	NUT-----	12
9	5I587	BOLT-----	4
9	1F7958	NUT-----	4
10	6S9814	SHIM-----	6
11	1D4616	BOLT-----	4
12	5G178	PLATE-----	2
13	2A1538	BOLT-----	8

14	5G517	BRACKET ASSEM. --- (R. H.)-----	1
	5G518	BRACKET ASSEM. -- (L. H.)-----	1
15	5I973	BOLT-----	2
16	9H1031	WASHER-----	8
17	1D4627	BOLT-----	2

C INDICATES CHANGE

179276

CATERPILLAR D3B TRACTOR

REF NO	PART NUMBER	DESCRIPTION	QTY
● 1	5G475	BOOT ASSEM.-----	1
● 2	5G432	BOOT-----	1
● 3	5G2290	COVER-----	1
● 4	5G2289	COVER-----	1
5	2N3479	SCREW---(slotted flat head)---	4
5	9F8125	WASHER-----	4
▲	4B1281	SCREW---(slotted flat head)---	4
▲	5G521	MOUNTING GROUP----- (Separate Illustration)	1

▲	5G2499	EXTENSION GROUP----- (Separate Illustration)	1
---	--------	---	---

● USE AS REQUIRED
▲ NOT SHOWN

223246

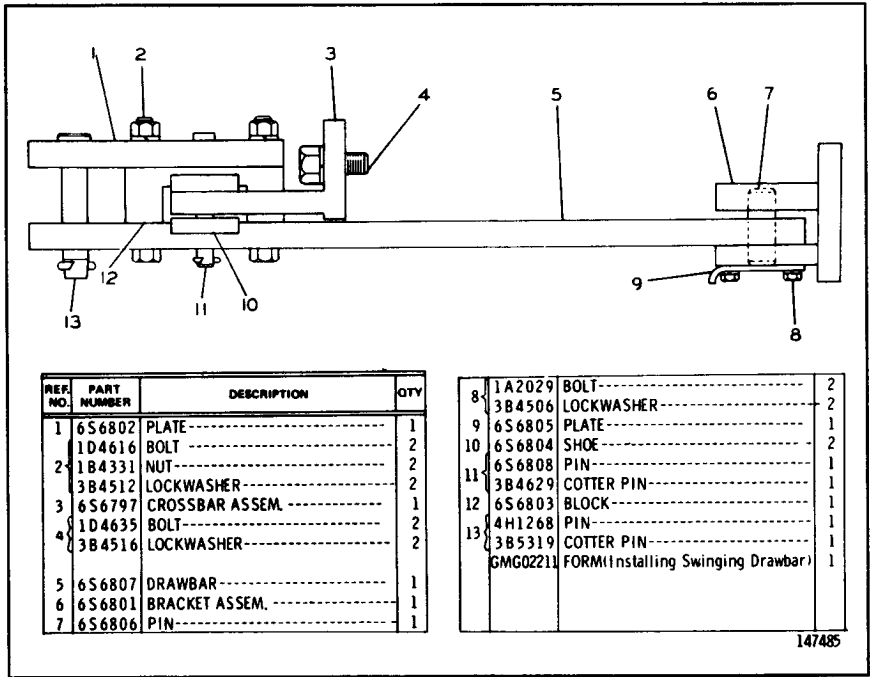
5G293 CAB MOUNTING GROUP

5G2499 Extension and 5G521 Mounting parts are shown on Pages 40 and 93 AN ATTACHMENT

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	5G780	DRAWBAR ASSEM.-----	1
2	1J5257	BOLT-----	2
2	3B4516	LOCKWASHER-----	2
3	5G792	PIN-----	1
4	3B4646	COTTER PIN-----	1

216700

5G779 DRAWBAR GROUP

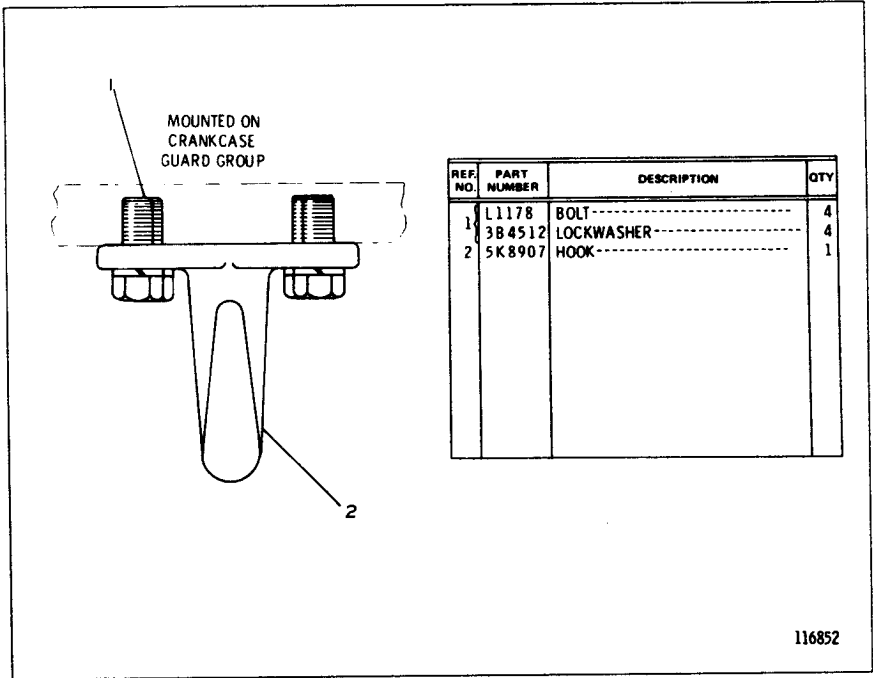


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6S6802	PLATE-----	1
	1D4616	BOLT-----	2
2	1B4331	NUT-----	2
	3B4512	LOCKWASHER-----	2
3	6S6797	CROSSBAR ASSEM.-----	1
	1D4635	BOLT-----	2
4	3B4516	LOCKWASHER-----	2
5	6S6807	DRAWBAR-----	1
6	6S6801	BRACKET ASSEM.-----	1
7	6S6806	PIN-----	1

8	1A2029	BOLT-----	2
	3B4506	LOCKWASHER-----	2
9	6S6805	PLATE-----	1
10	6S6804	SHOE-----	2
	6S6808	PIN-----	1
11	3B4629	COTTER PIN-----	1
12	6S6803	BLOCK-----	1
	4H1268	PIN-----	1
13	3B5319	COTTER PIN-----	1
	GMG02211	FORM(Installing Swinging Drawbar)	1

147485

**6S6809 SWINGING DRAWBAR GROUP
AN ATTACHMENT**



116852

6S3864 FRONT PULL HOOK GROUP
 CANNOT BE USED WITH 5G441 FRONT COUNTERWEIGHT GROUP SHOWN ON PAGE 97. AN ATTACHMENT

CONSISTS OF:

1 5S238 IDLER ASSEMBLY

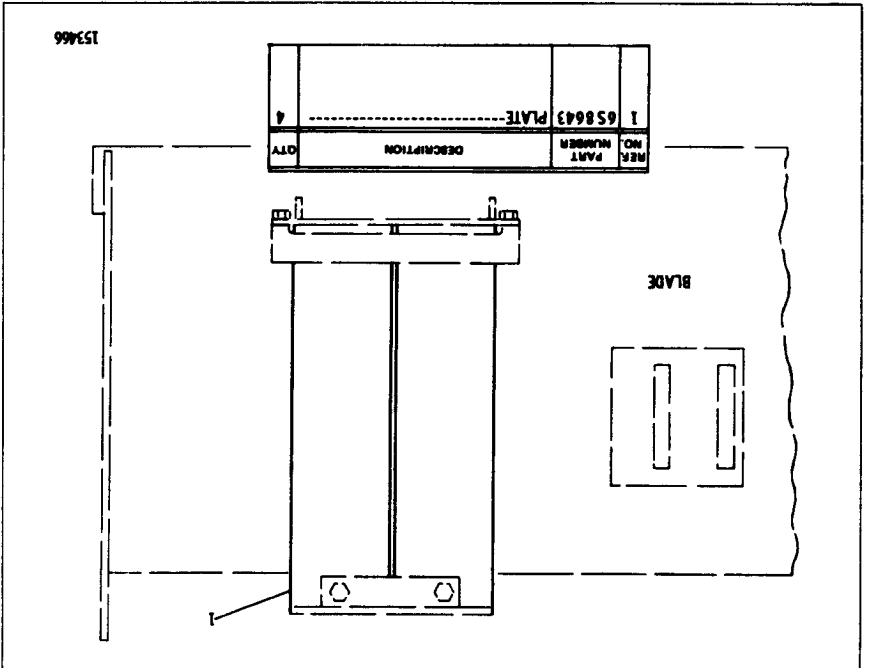
2 6S3495 BEARING ASSEMBLY

EACH CONSISTING OF:

1 6S8233 BEARING

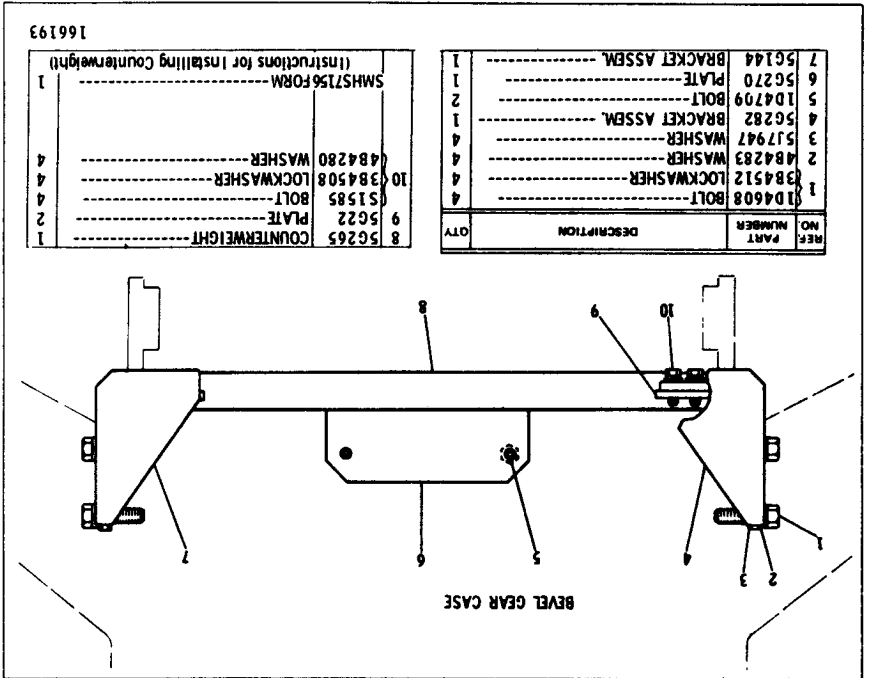
5G363 COUNTERWEIGHT IDLER ASSEMBLY
 CANNOT BE USED WITH MULTI-PURPOSE BUCKET. Provides Counterweight front idlers to improve vehicle stability when equipped with a backhoe, 3 LGP Bulldozer, ROPS and rear mounted attachment. AN ATTACHMENT

6S8670 COUNTERWEIGHT GROUP
FOR USE WITH BACKHOE AND COUNTERWEIGHT MOUNTING GROUP
AN ATTACHMENT



153466

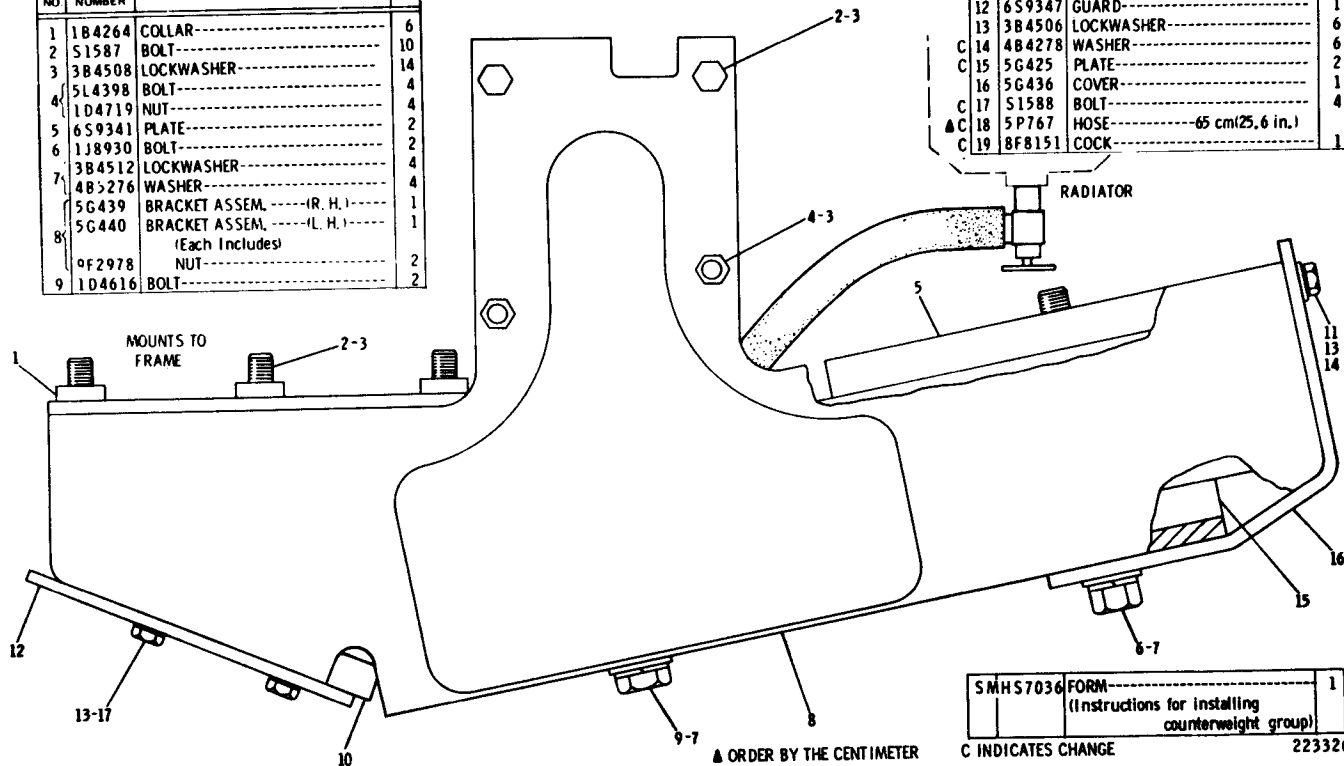
5G297 COUNTERWEIGHT GROUP—272 kg (600 lbs.)
AN ATTACHMENT



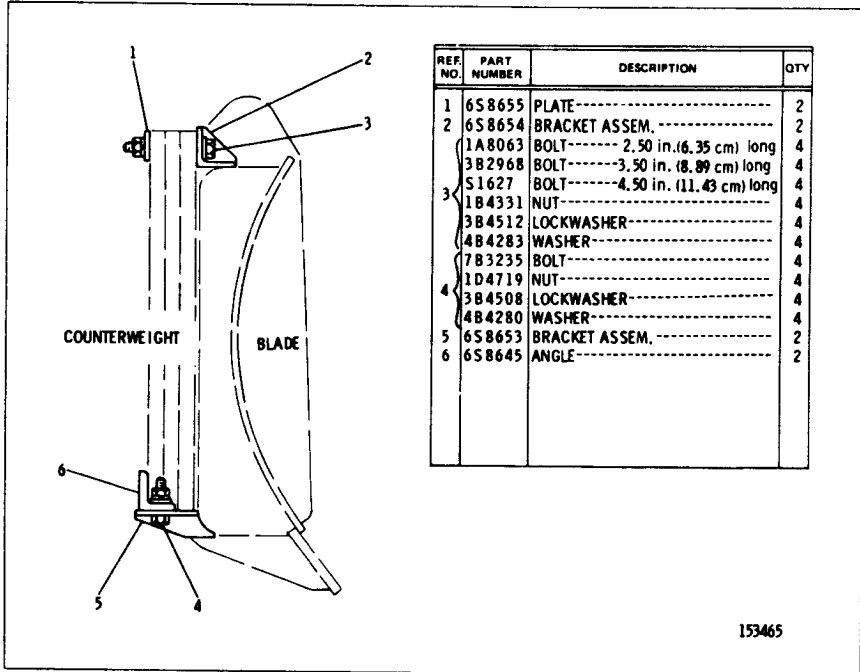
5G441 FRONT COUNTERWEIGHT GROUP
 CANNOT BE USED WITH 6S3864 FRONT PULL HOOK GROUP SHOWN ON PAGE 95
 AN ATTACHMENT

REF NO.	PART NUMBER	DESCRIPTION	QTY.
1	1B4264	COLLAR-----	6
2	S1587	BOLT-----	10
3	3B4508	LOCKWASHER-----	14
4	5L4398	BOLT-----	4
	1D4719	NUT-----	4
5	6S9341	PLATE-----	2
6	1J8930	BOLT-----	2
7	3B4512	LOCKWASHER-----	4
	4B5276	WASHER-----	4
8	5G439	BRACKET ASSEM. --- (R. H.) ---	1
	5G440	BRACKET ASSEM. --- (L. H.) ---	1
9	9F2978	NUT-----	2
	1D4616	BOLT-----	2

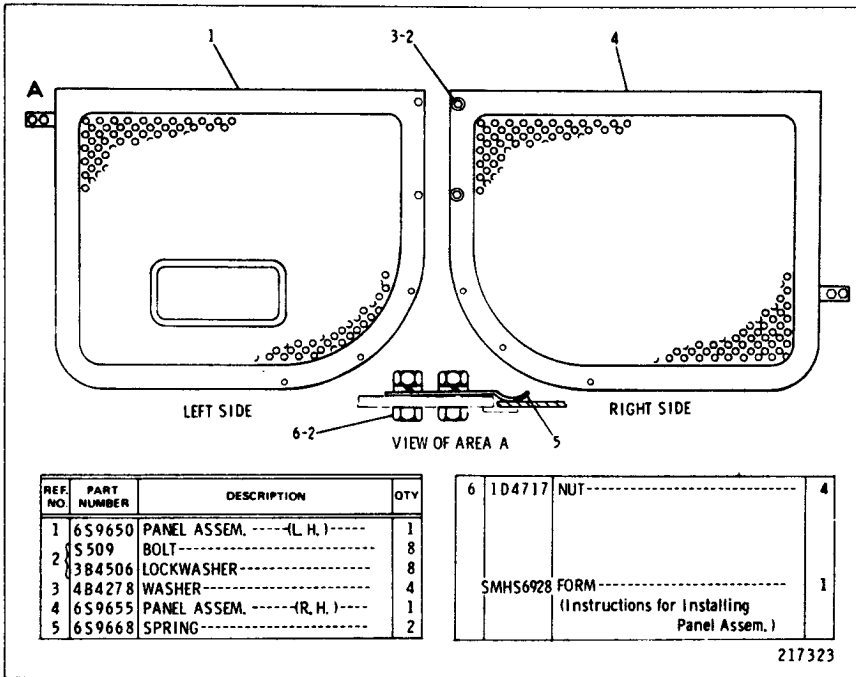
C 10	6S9342	PLATE-----	7
11	L1351	BOLT-----	2
12	6S9347	GUARD-----	1
13	3B4506	LOCKWASHER-----	6
C 14	4B4278	WASHER-----	6
C 15	5G425	PLATE-----	2
16	5G436	COVER-----	1
C 17	S1588	BOLT-----	4
C 18	5P767	HOSE----- 65 cm (25.6 in.)	1
C 19	8F8151	COCK-----	1



CHASSIS AND UNDERCARRIAGE

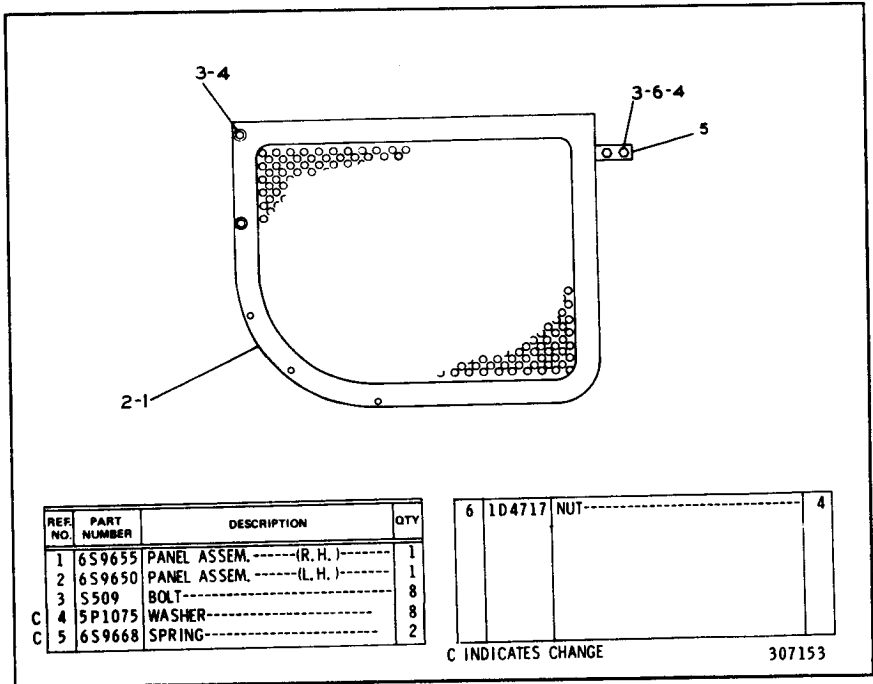


6S8659 COUNTERWEIGHT MOUNTING GROUP
AN ATTACHMENT



5G936 ENGINE ENCLOSURE GROUP

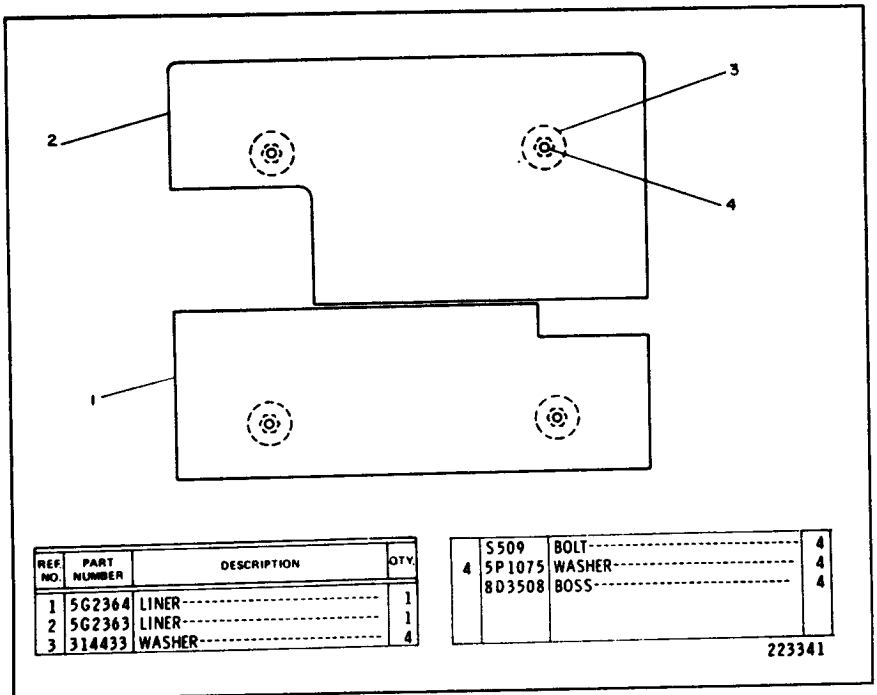
Serial No. 23Y1 to 23Y1281 inclusive. For use on machines equipped with Piston Pump. Note: Quantities shown are those required for both R.H. & L.H. sides
AN ATTACHMENT



6S9698 ENGINE ENCLOSURE GROUP

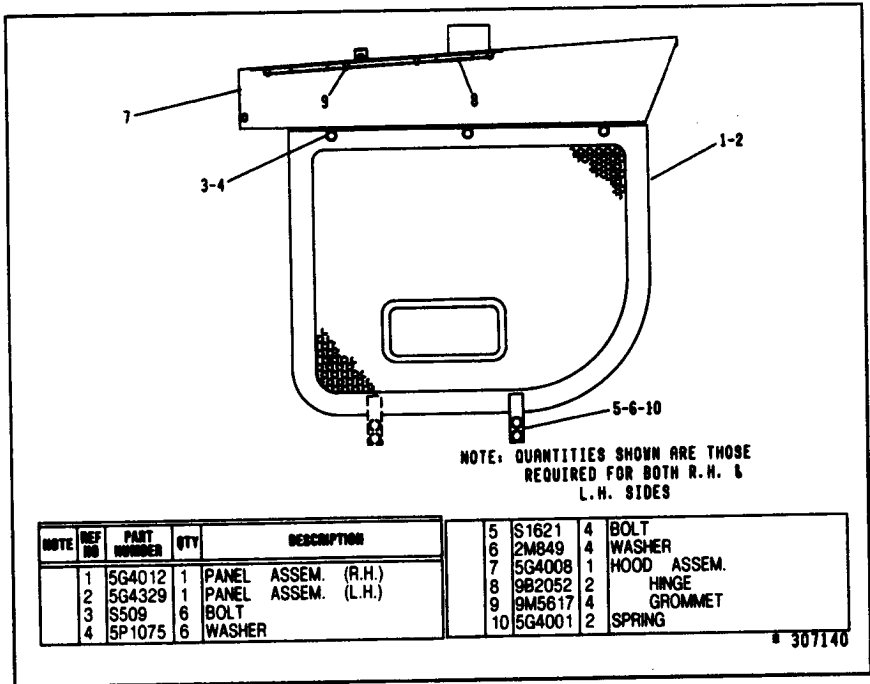
Serial No. 23Y1 to 23Y1281 inclusive

Note: Quantities shown are those required for both R.H. and L.H. sides
AN ATTACHMENT

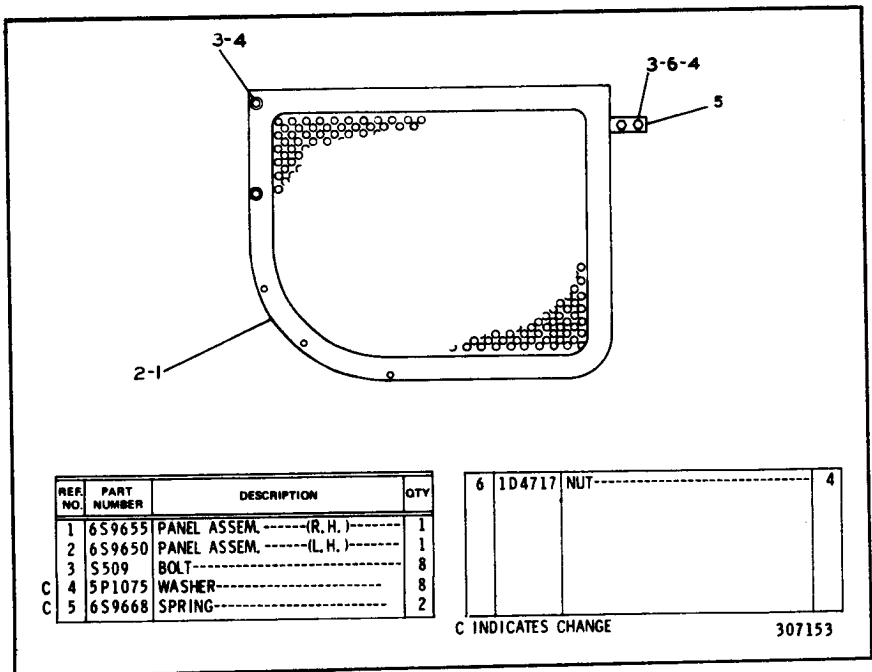


5G2362 FIREWALL LINER GROUP

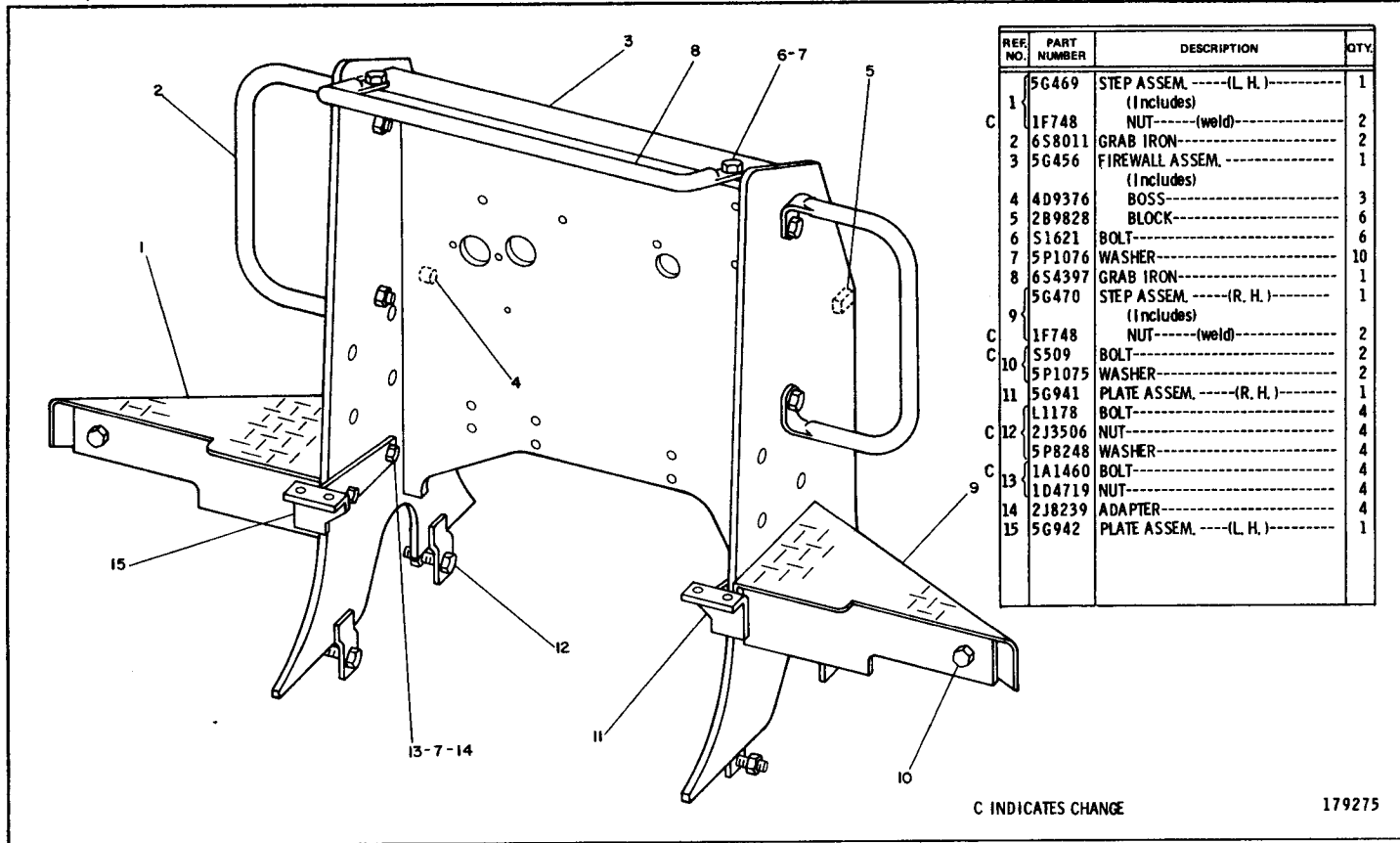
Part of 5G2355 Sound Suppression Arrangement listed on Page 213
AN ATTACHMENT



5G4328 ENGINE ENCLOSURE GROUP
 Serial No. 23Y1282—Up
 FOR USE ON MACHINES EQUIPPED WITH PISTON PUMP
 AN ATTACHMENT



5G4019 ENGINE ENCLOSURE GROUP
 Serial No. 23Y1282—Up
 Note: Quantities shown are those required for both R.H. and L.H. sides
 AN ATTACHMENT

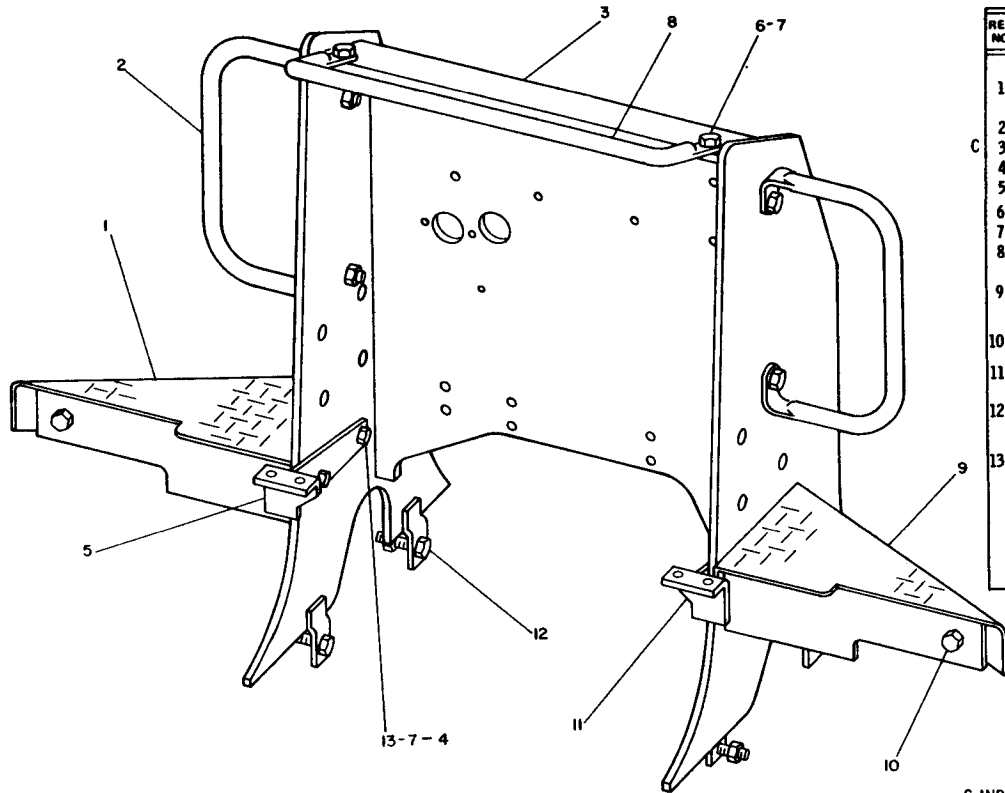


5G471 FIREWALL GROUP
 Serial No. 23Y1 to 23Y991 Inclusive

C INDICATES CHANGE

179275

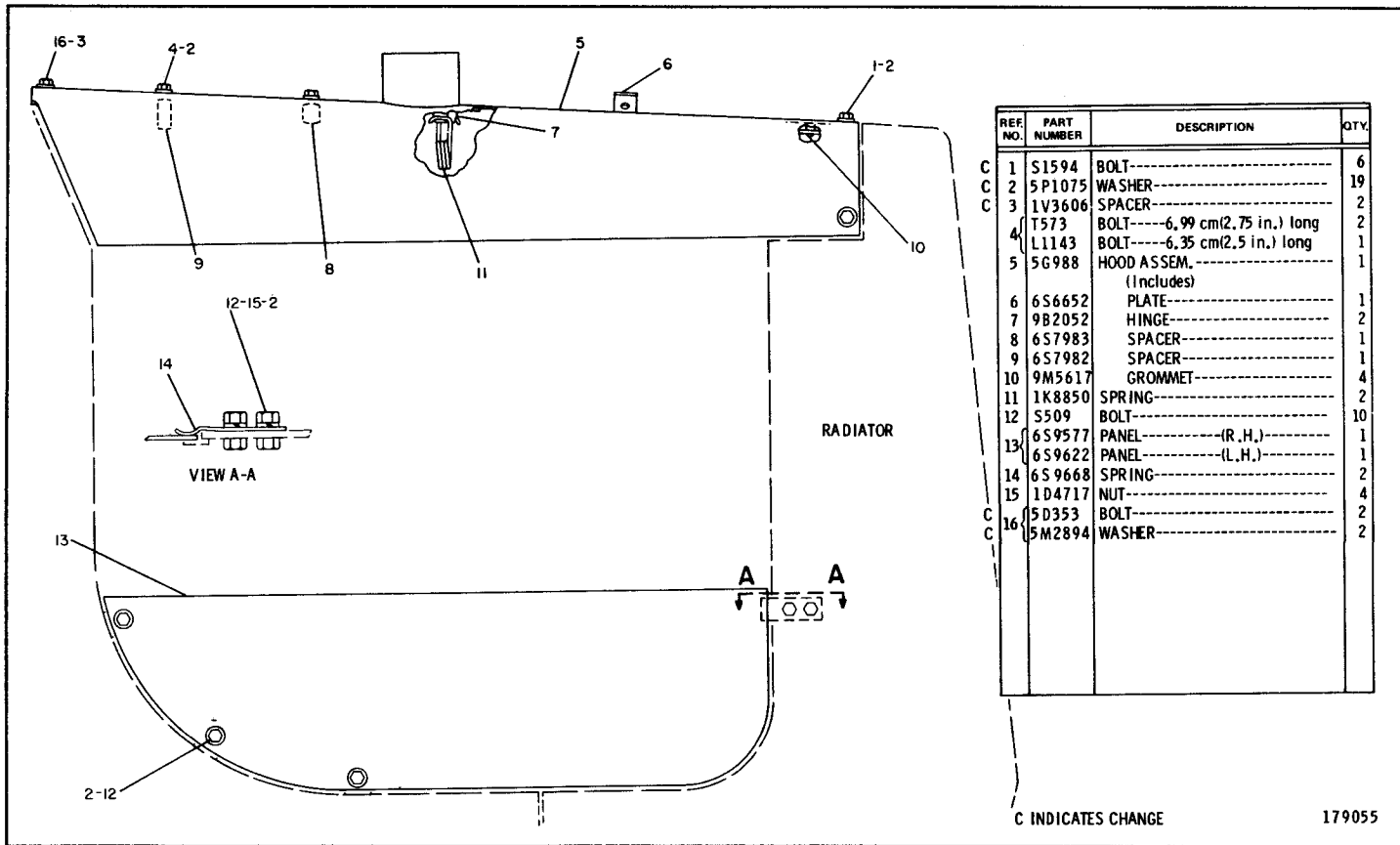
5G471 FIREWALL GROUP
Serial No. 23Y992—Up



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G469	STEP ASSEM. ---(L. H.)-----	1
		(Includes)	
	1F748	NUT---(weld)-----	2
2	6S8011	GRAB IRON-----	2
3	5G3957	FIREWALL ASSEM.-----	1
4	2J8239	ADAPTER-----	4
5	5G942	PLATE ASSEM. --(L. H.)-----	1
6	S1621	BOLT-----	6
7	5P1076	WASHER-----	10
8	6S4397	GRAB IRON-----	1
	5G470	STEP ASSEM. --- (R. H.)-----	1
		(Includes)	
	1F748	NUT---(weld)-----	2
	S509	BOLT-----	2
10	5P1075	WASHER-----	2
11	5G941	PLATE ASSEM. --- (R. H.)-----	1
	L1178	BOLT-----	4
12	2J3506	NUT-----	4
	5P8248	WASHER-----	4
13	1A1460	BOLT-----	4
	1D4719	NUT-----	4

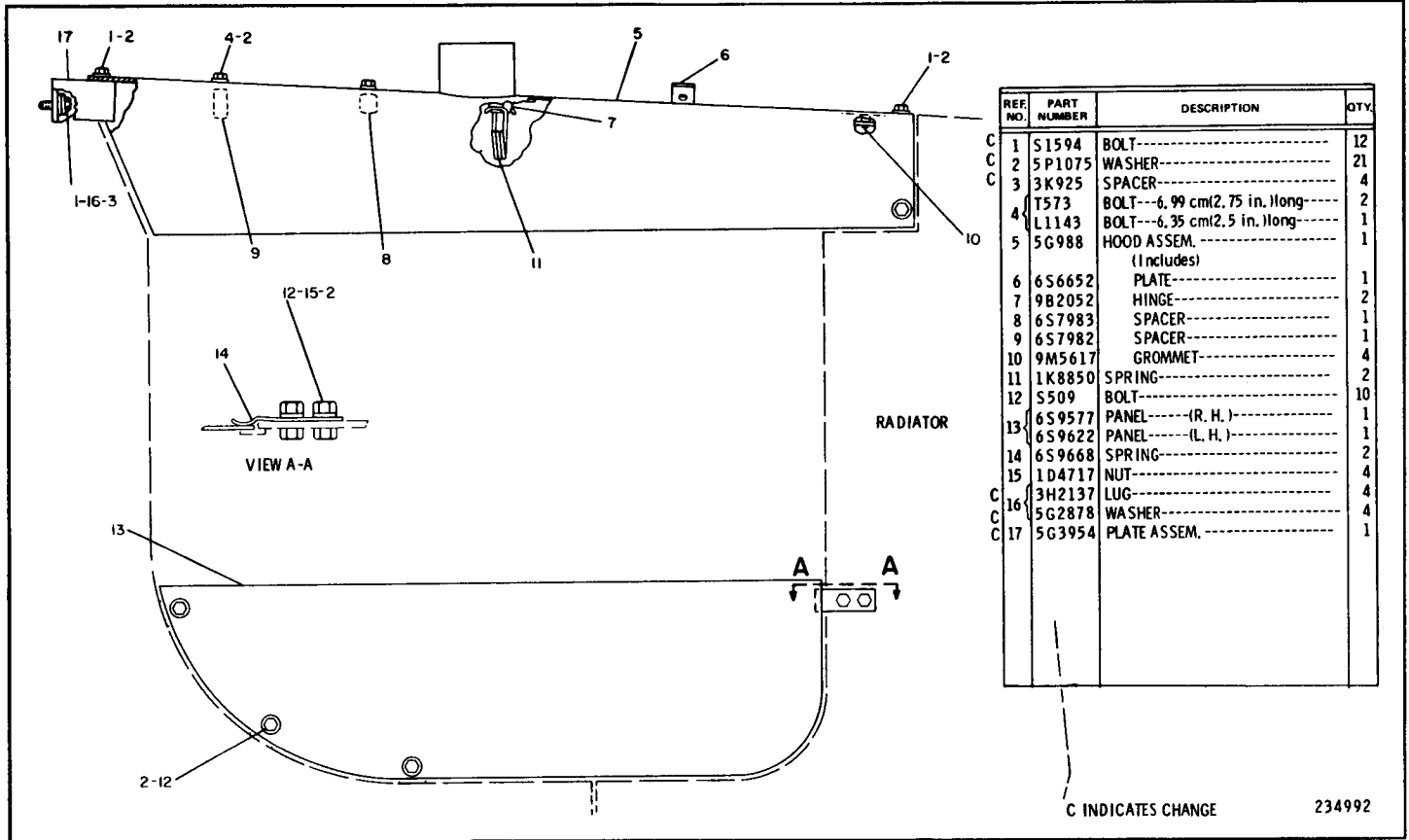
C INDICATES CHANGE

235539



5G998 HOOD AND GUARD GROUP
Serial No. 23Y1 to 23Y991 Inclusive

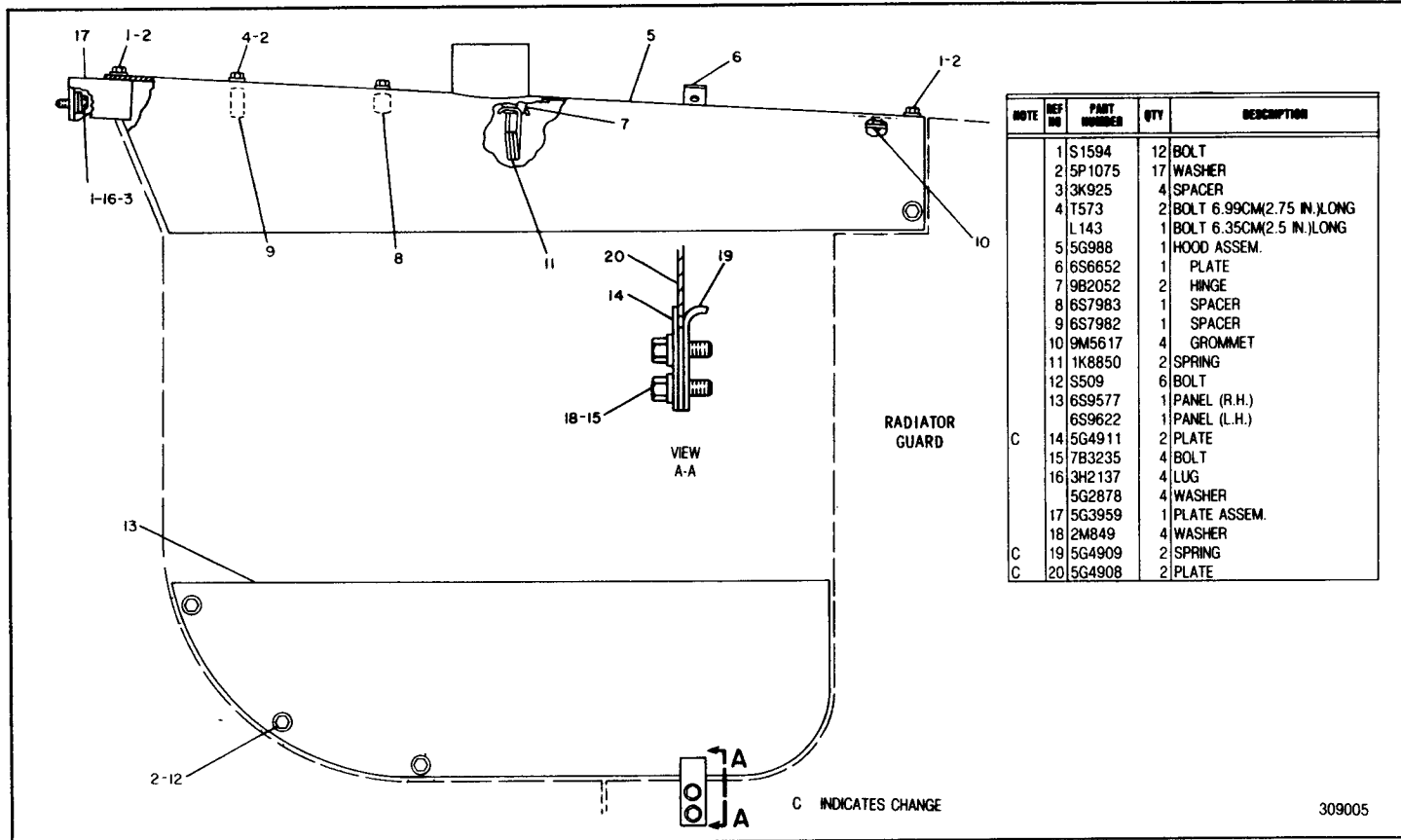
5G998 HOOD AND GUARD GROUP
 Serial No. 23Y992 to 23Y1281 inclusive



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	51594	BOLT-----	12
2	5P1075	WASHER-----	21
3	3K925	SPACER-----	4
4	T573	BOLT---6.99 cm(2.75 in.)long---	2
	L1143	BOLT---6.35 cm(2.5 in.)long---	1
5	5G988	HOOD ASSEM. (Includes)	1
6	6S6652	PLATE-----	1
7	9B2052	HINGE-----	2
8	6S7983	SPACER-----	1
9	6S7982	SPACER-----	1
10	9M5617	GROMMET-----	4
11	1K8850	SPRING-----	2
12	S509	BOLT-----	10
13	6S9577	PANEL----(R. H.)----	1
	6S9622	PANEL----(L. H.)----	1
14	6S9668	SPRING-----	2
15	1D4717	NUT-----	4
	3H2137	LUG-----	4
16	5G2878	WASHER-----	4
17	5G3954	PLATE ASSEM.-----	1

C INDICATES CHANGE

234992

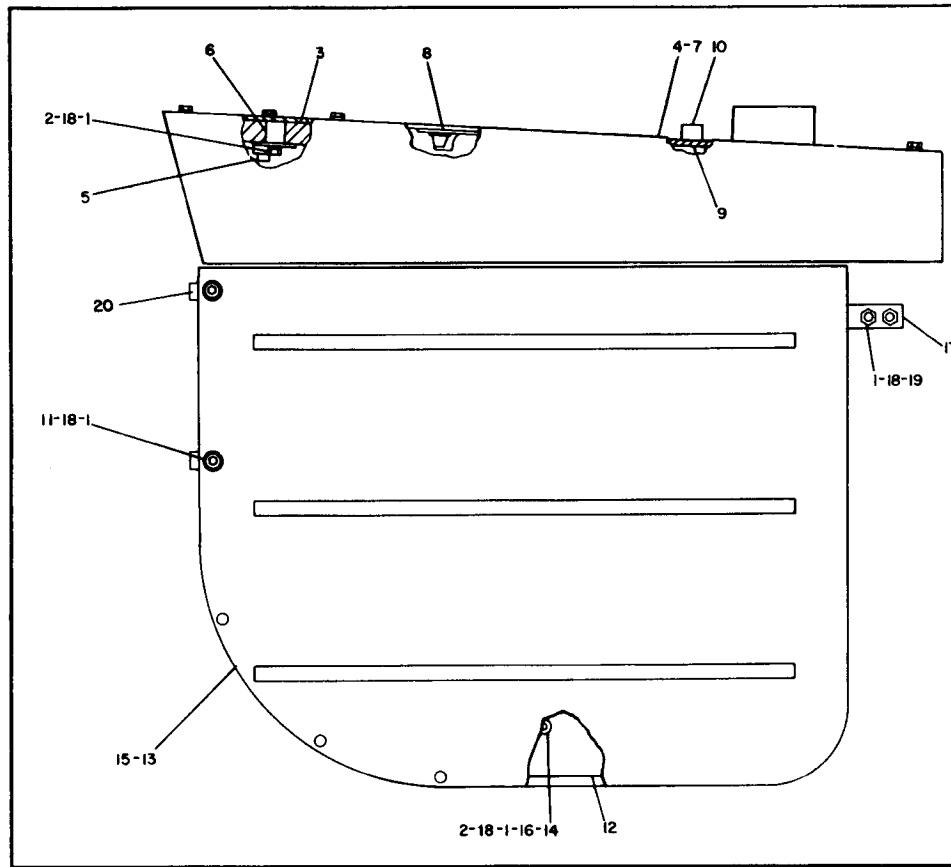


NOTE	REF. NO.	PART NUMBER	QTY.	DESCRIPTION
	1	S1594	12	BOLT
	2	5P1075	17	WASHER
	3	3K925	4	SPACER
	4	T573	2	BOLT 6.99CM(2.75 IN.)LONG
		L143	1	BOLT 6.35CM(2.5 IN.)LONG
	5	5G988	1	HOOD ASSEM.
	6	6S6652	1	PLATE
	7	9B2052	2	HINGE
	8	6S7983	1	SPACER
	9	6S7982	1	SPACER
	10	9M5617	4	GROMMET
	11	1K8850	2	SPRING
	12	S509	6	BOLT
	13	6S9577	1	PANEL (R.H.)
		6S9622	1	PANEL (L.H.)
C	14	5G4911	2	PLATE
	15	7B3235	4	BOLT
	16	3H2137	4	LUG
		5G2878	4	WASHER
	17	5G3959	1	PLATE ASSEM.
	18	2M849	4	WASHER
C	19	5G4909	2	SPRING
	20	5G4908	2	PLATE

5G4308 HOOD AND GUARD GROUP
Serial No. 23Y1282—Up

309005

5G3894 HOOD AND GUARD GROUP
 Part of 5G2355 Sound Suppression Arrangement listed on Page 213
AN ATTACHMENT



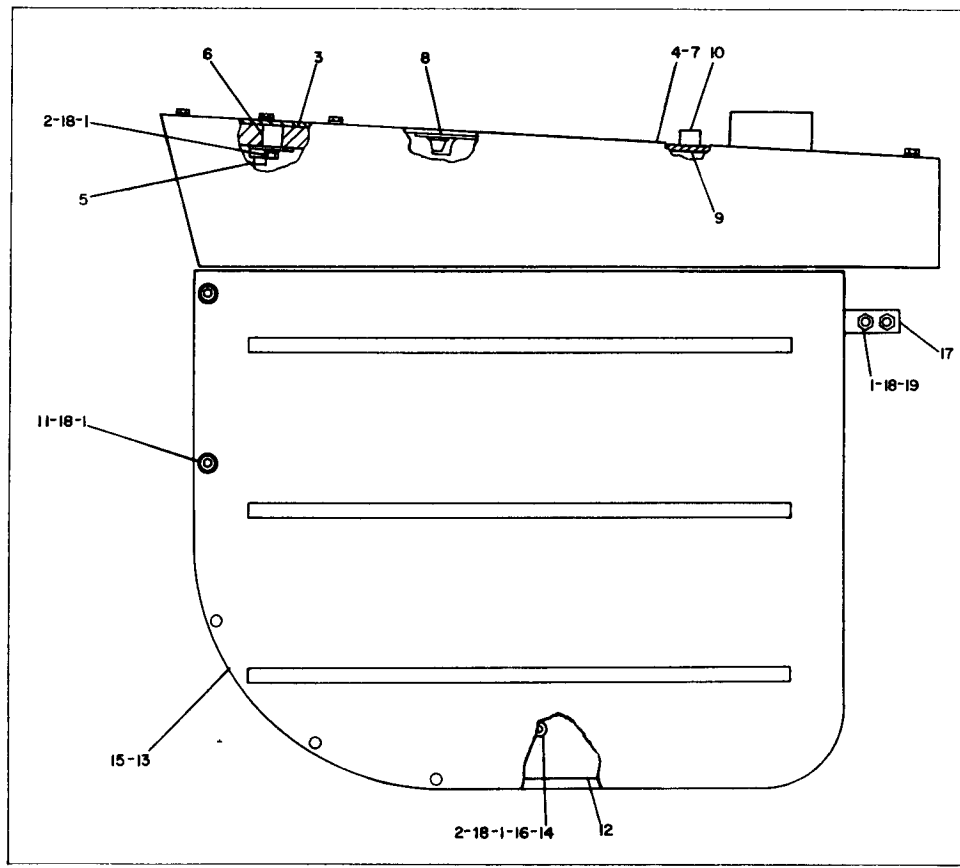
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5509	BOLT-----	19
2	314433	WASHER----- (large)	11
3	658074	LINER-----	1
4	658185	HOOD ASSEM.----- (Includes)	1
5	6S7982	SPACER--50 mm(1.97 in.)thick	2
	6S7983	SPACER--42 mm(1.65 in.)thick	1
6	8D3508	BOSS-----	5
7	9M5617	GROMMET-----	4
8	9B2052	HINGE-----	2
9	6S8424	DOOR-----	1
10	6S6652	PLATE-----	1
11	4B4278	WASHER-1.588 mm(.0625 in.)thick	4
12	5G3862	LINER----- (R. H.)	1
	5G1446	LINER----- (L. H.)	1
13	5G3893	PANEL ASSEM.----- (R. H.)----- (Includes)	1
14	8D3508	BOSS-----	3
15	5G1335	PANEL ASSEM.----- (L. H.)----- (Includes)	1
16	8D3508	BOSS-----	3
17	6S9668	SPRING-----	2
18	5P1075	WASHER----- (small)	19
19	1D4717	NUT-----	4
C20	5G4339	BLOCK-----	4
	SMHS6928	FORM----- (Instructions for installing hood and guard group)	1

C INDICATES CHANGE

307154

CHASSIS AND UNDERCARRIAGE

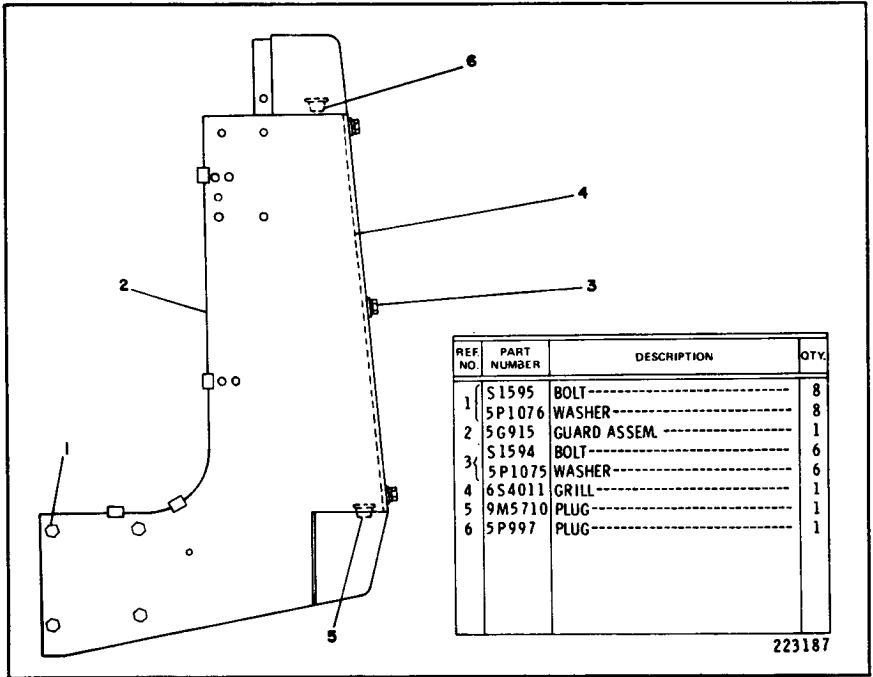
1018



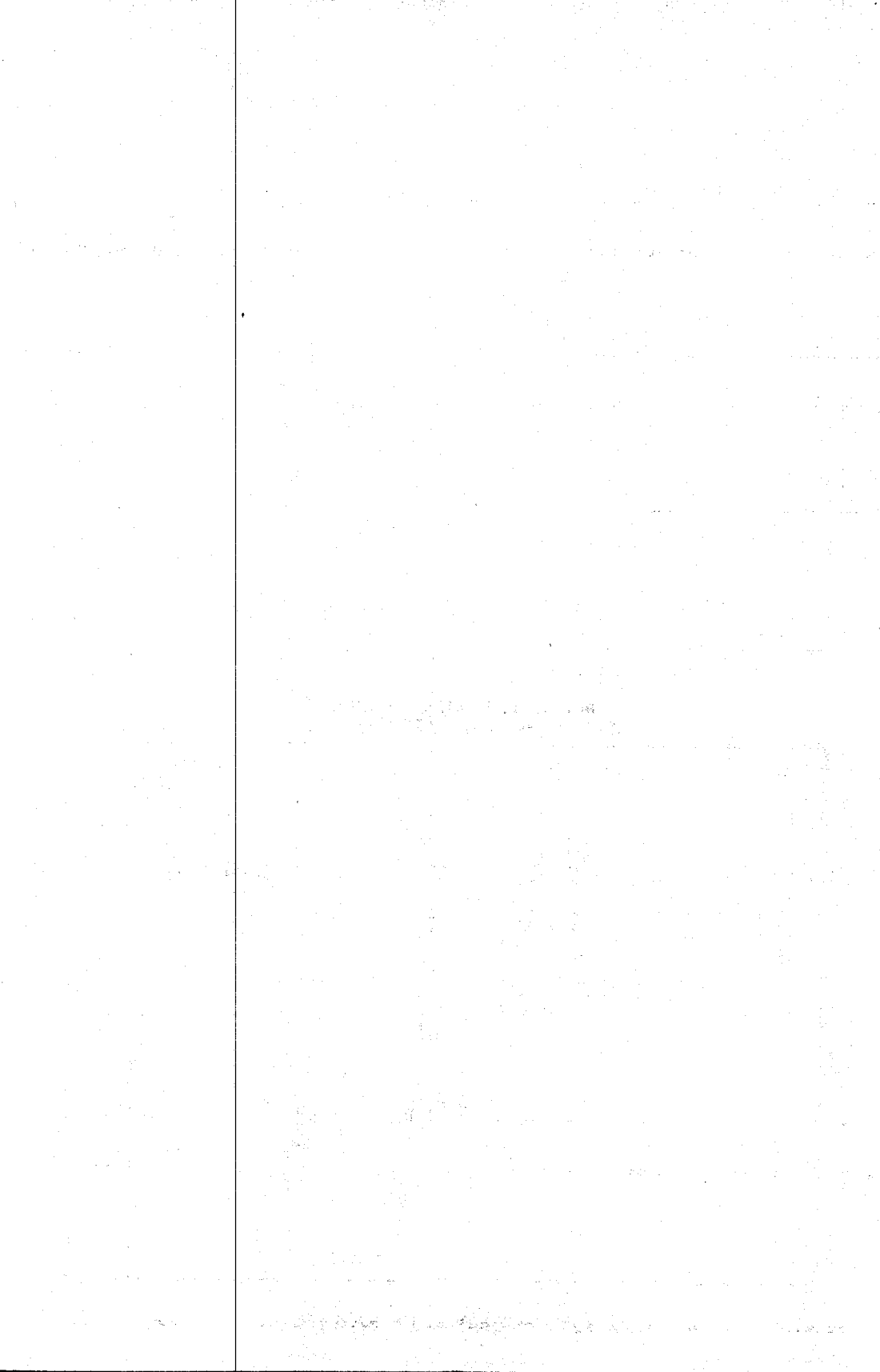
REF NO.	PART NUMBER	DESCRIPTION	QTY.
1	5509	BOLT-----	19
2	314433	WASHER----- (large)-----	11
3	6S8074	LINER-----	1
C 4	6S8185	HOOD ASSEM.-----	1
		(Includes)	
5	6S7982	SPACER--50 mm(1.97 in.)thick	2
	6S7983	SPACER--42 mm(1.65 in.)thick	1
6	8D3508	BOSS-----	5
7	9M5617	GROMMET-----	4
8	9B2052	HINGE-----	2
9	6S8424	DOOR-----	1
10	6S6652	PLATE-----	1
11	4B4278	WASHER-1.588 mm(.0625 in.)thick	4
12	6S8093	LINER----- (R. H.)-----	1
	5G1446	LINER----- (L. H.)-----	1
13	6S9639	PANEL ASSEM.----- (R. H.)-----	1
		(Includes)	
14	8D3508	BOSS-----	3
15	5G1335	PANEL ASSEM.----- (L. H.)-----	1
		(Includes)	
16	8D3508	BOSS-----	3
17	6S9668	SPRING-----	2
18	5P1075	WASHER----- (small)-----	19
19	1D4717	NUT-----	4
	SMH56928	FORM-----	1
		(Instructions for installing hood and guard group)	

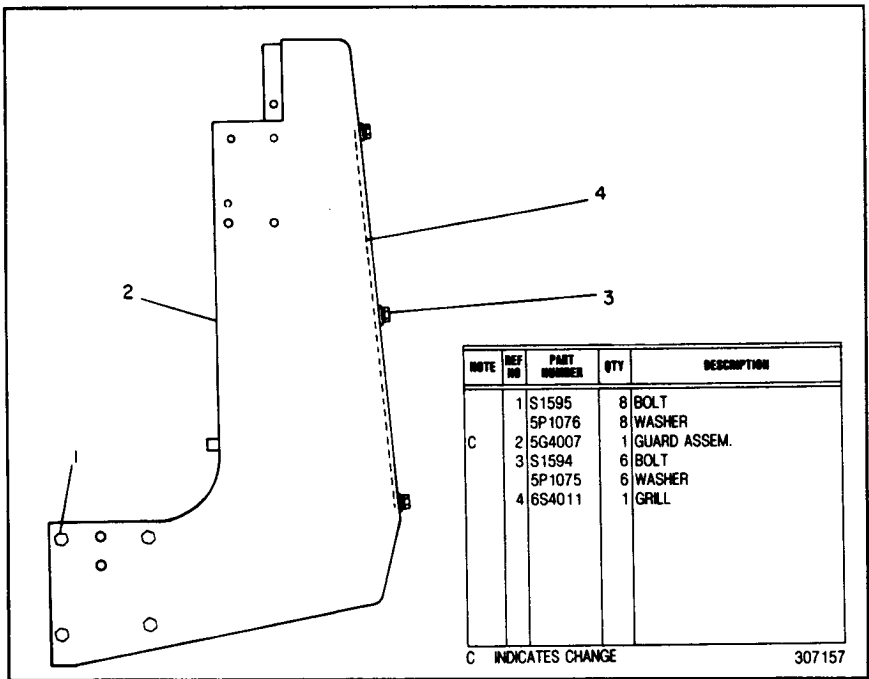
C INDICATES CHANGE 175665

5G2356 HOOD AND GUARD GROUP—Replaced by 5G3894 shown on Page 101B
 Part of 5G2355 Sound Suppression Arrangement listed on Page 213. AN ATTACHMENT

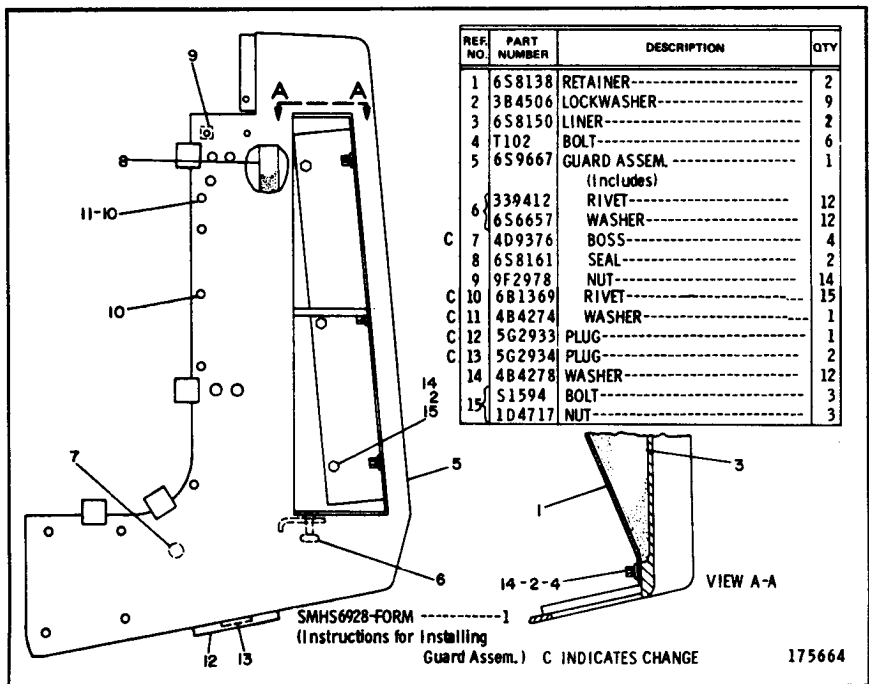


5G465 RADIATOR GUARD GROUP
 Serial No. 23Y1 to 23Y1281 inclusive

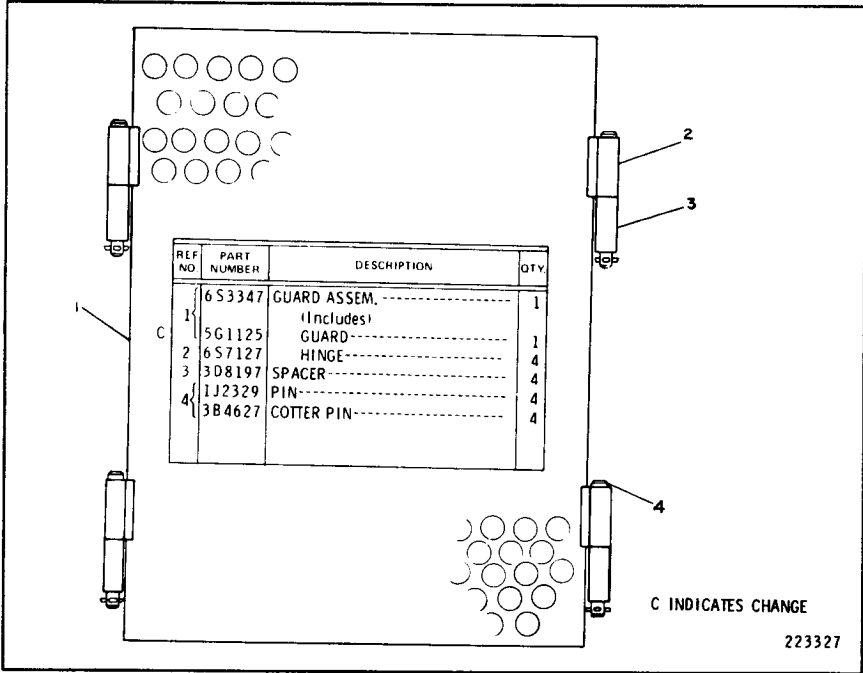




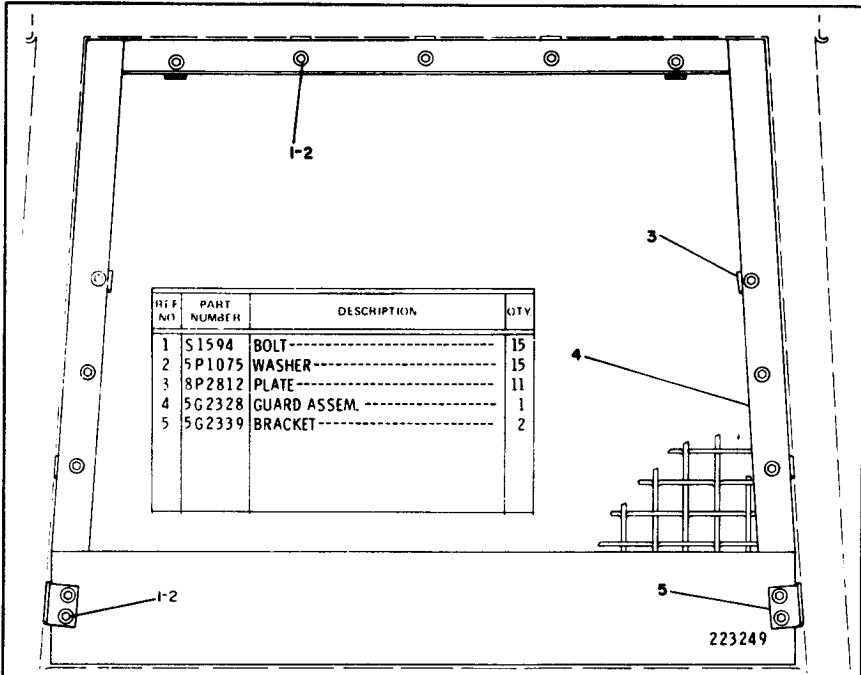
5G465 RADIATOR GUARD GROUP
Serial No. 23Y1282—Up



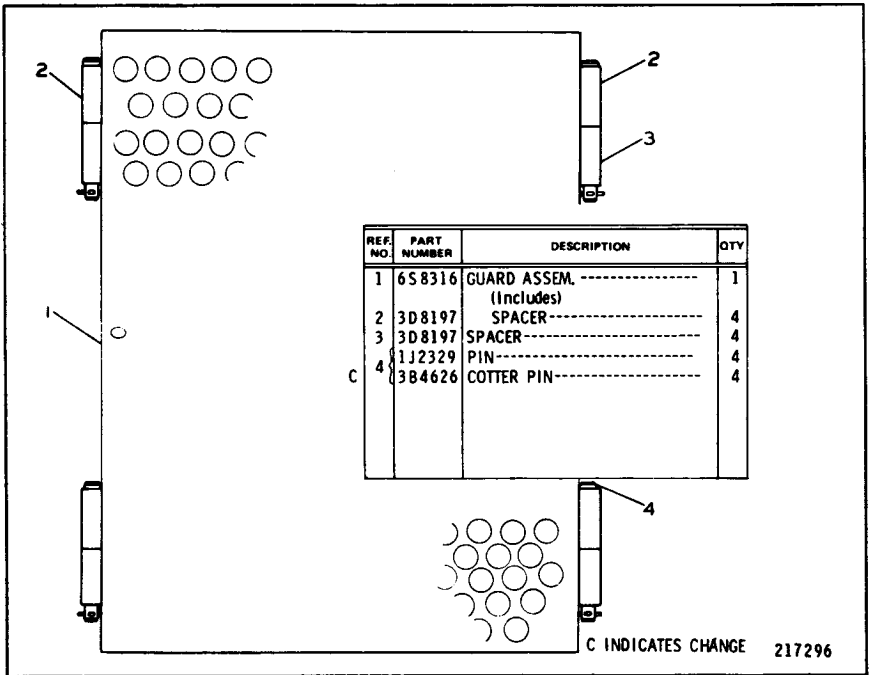
6S9697 RADIATOR GUARD GROUP
Part of 5G2355 Sound Suppression Arrangement listed on Page 213
AN ATTACHMENT



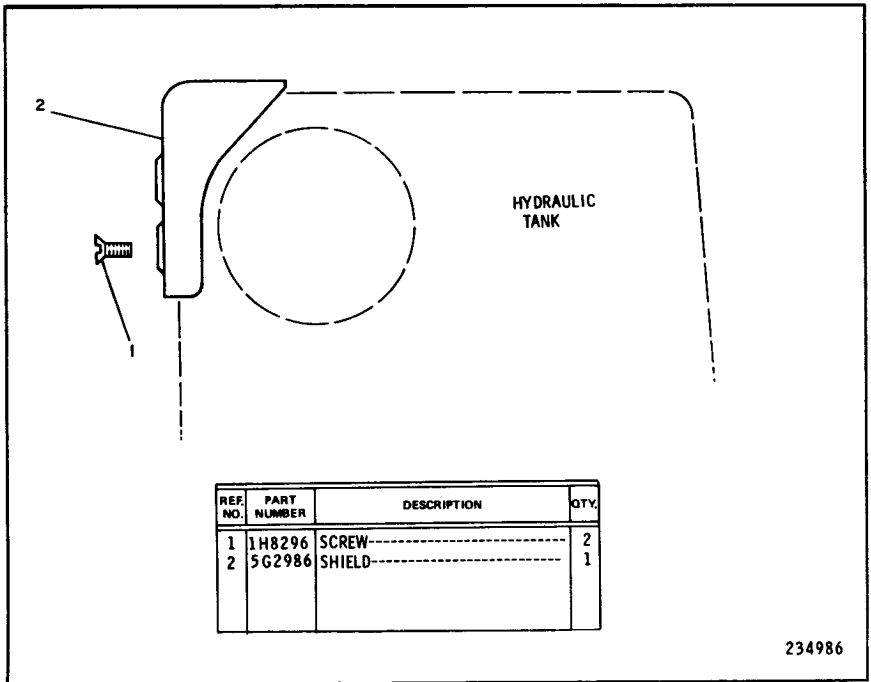
6S6166 RADIATOR GUARD GROUP—Hinged
 Also part of 5G598 Air Conditioner Arrangement listed on Page 213C
 AN ATTACHMENT



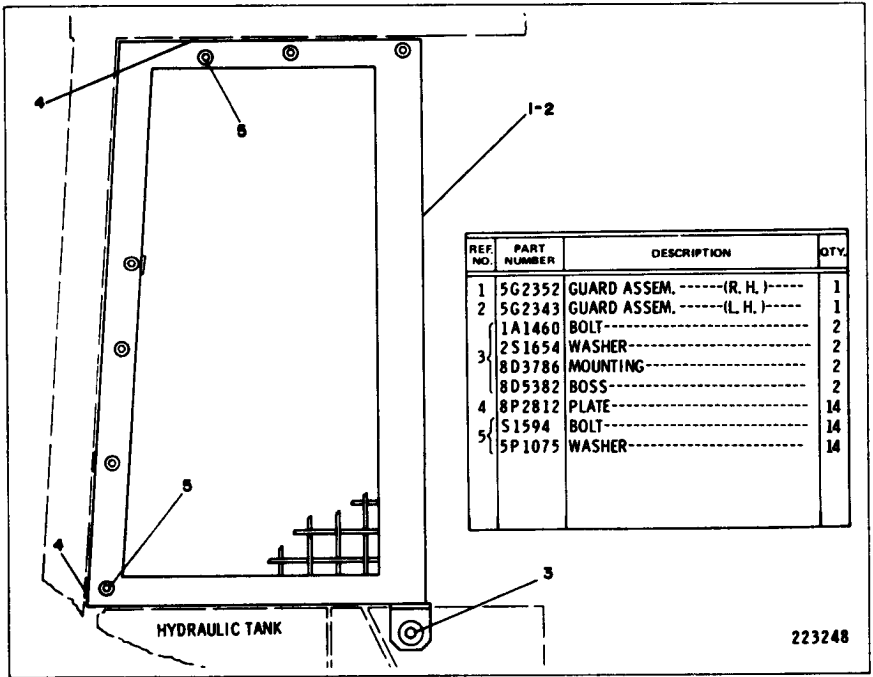
5G2327 BRUSH GUARD GROUP
 FOR USE WITH OPEN ROPS
 AN ATTACHMENT



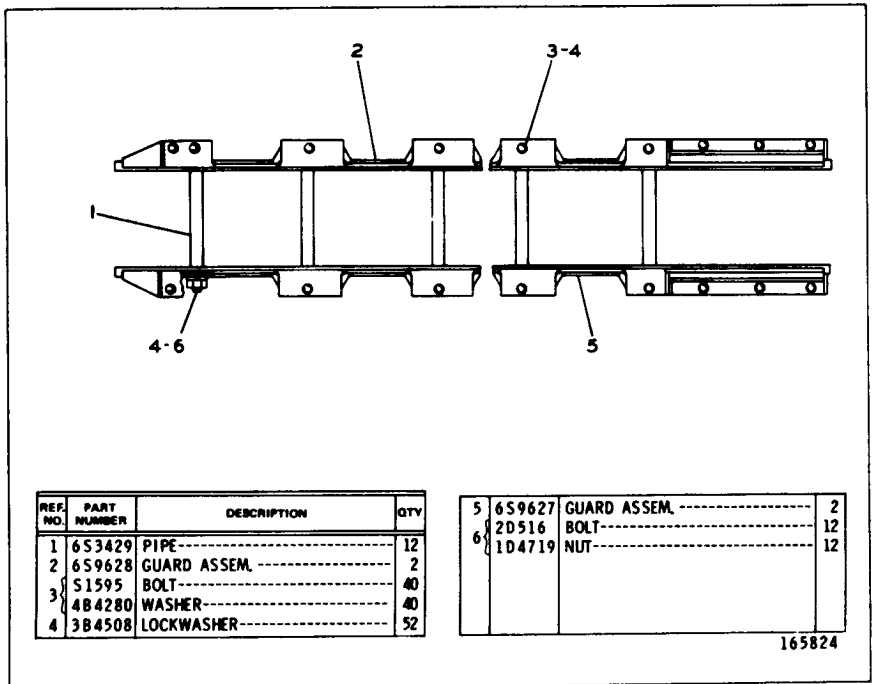
**6S8323 RADIATOR GUARD GROUP—Hinged—Heavy Duty
FOR USE IN LOGGING OR OTHER SEVERE APPLICATIONS
AN ATTACHMENT**



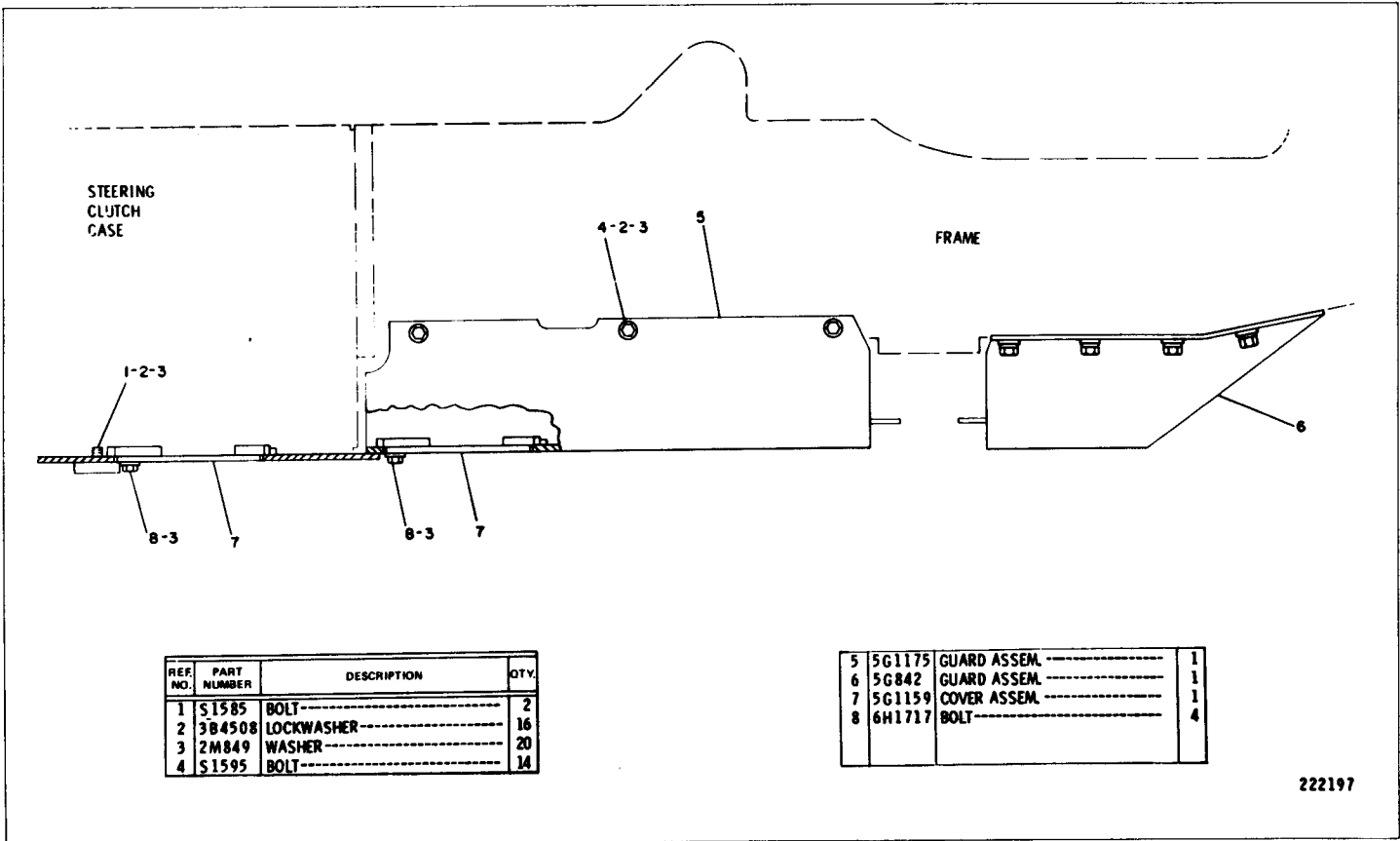
**5G2987 SHIELD GROUP—Heat
Part of 5G2173 Backhoe Mounting Arrangement listed on Page 172
AN ATTACHMENT**



5G2342 BRUSH GUARD GROUP
FOR USE WITH OPEN ROPS WITH SWEEP
AN ATTACHMENT



5G382 TRACK ROLLER GUARD GROUP
AN ATTACHMENT



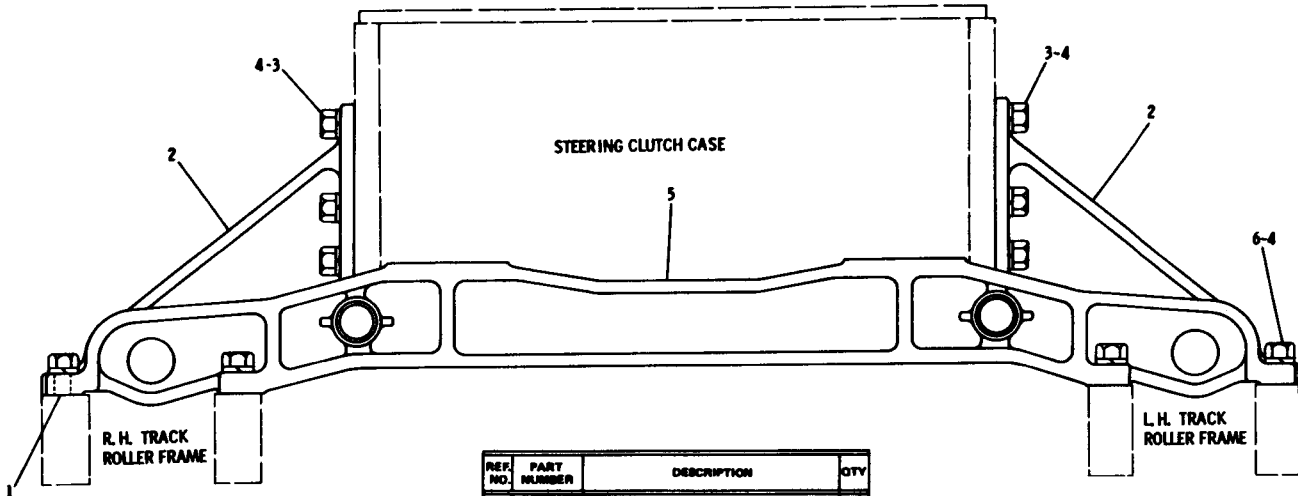
REF NO.	PART NUMBER	DESCRIPTION	QTY
1	S1585	BOLT-----	2
2	3B4508	LOCKWASHER-----	16
3	2M849	WASHER-----	20
4	S1595	BOLT-----	14

5	5G1175	GUARD ASSEM.-----	1
6	5G842	GUARD ASSEM.-----	1
7	5G1159	COVER ASSEM.-----	1
8	6H1717	BOLT-----	4

222197

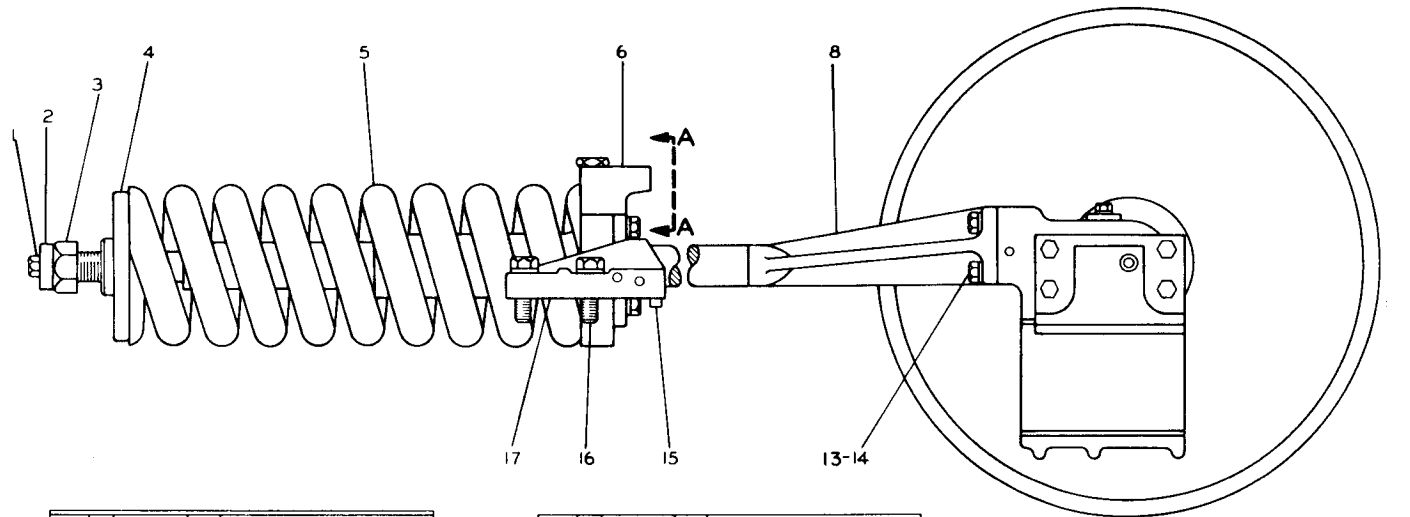
5G1185 BOTTOM GUARD GROUP

5G378 UNDERCARRIAGE SUPPORT GROUP



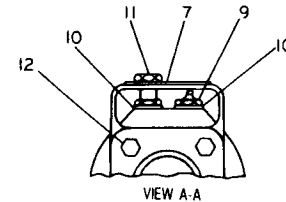
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6K 8987	DOWEL-----	4
2	6S 9114	SUPPORT----- (Mounted on Steering Clutch Case)	2
3	L1178	BOLT-----	16
4	3H4512	LOCKWASHER-----	36
5	6S 9125	SUPPORT-----	1
6	1A 8063	BOLT-----	20

165820



NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	S1595	2	BOLT
	2	1B1067	2	WASHER
	3	1B4210	2	NUT
C	4	2V9025	2	PILOT
	5	6S3363	2	SPRING
	6	6S8952	2	HEAD GROUP
C	7	5P9446	1	PLATE (WARNING)
		7B3028	4	SCREW
	8	6S3275	2	YOKE ASSEM.
	9	2S5925	2	VALVE
	10	5M6708	4	WASHER

	11	2S5926	2	VALVE
	12	S1566	8	BOLT
C	13	63801	16	WASHER
	14	S1585	8	BOLT
	15	9H4105	4	DOWEL
	16	8S9092	8	BOLT
C	17	2V7524	2	STOP (R.H. OUTER-L.H. INNER)
C		2V7525	2	STOP (R.H. INNER-L.H. OUTER)

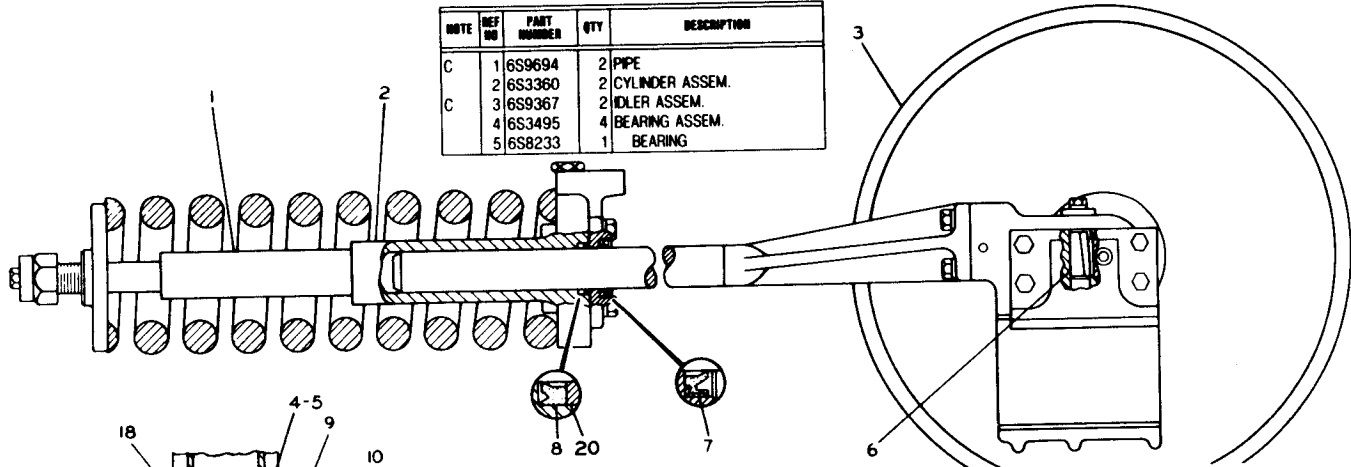


C INDICATES CHANGE
QUANTITIES SHOWN ARE THOSE REQUIRED
FOR BOTH L.H. & R.H. SIDES

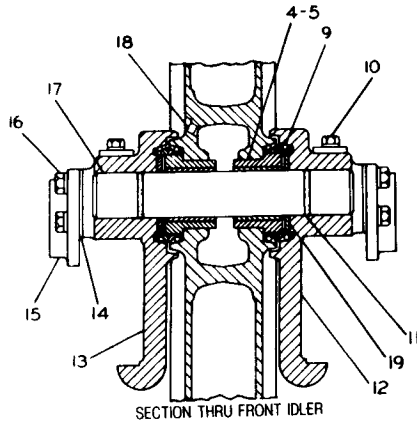
307212

6S3610 FRONT IDLER GROUP—Part 1

6S3610 FRONT IDLER GROUP—Part 2



NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
C	1	6S9694	2	PIPE
	2	6S3360	2	CYLINDER ASSEM.
C	3	6S9367	2	IDLER ASSEM.
	4	6S3495	4	BEARING ASSEM.
	5	6S8233	1	BEARING



NOTE: QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH L. H. AND R. H. SIDES

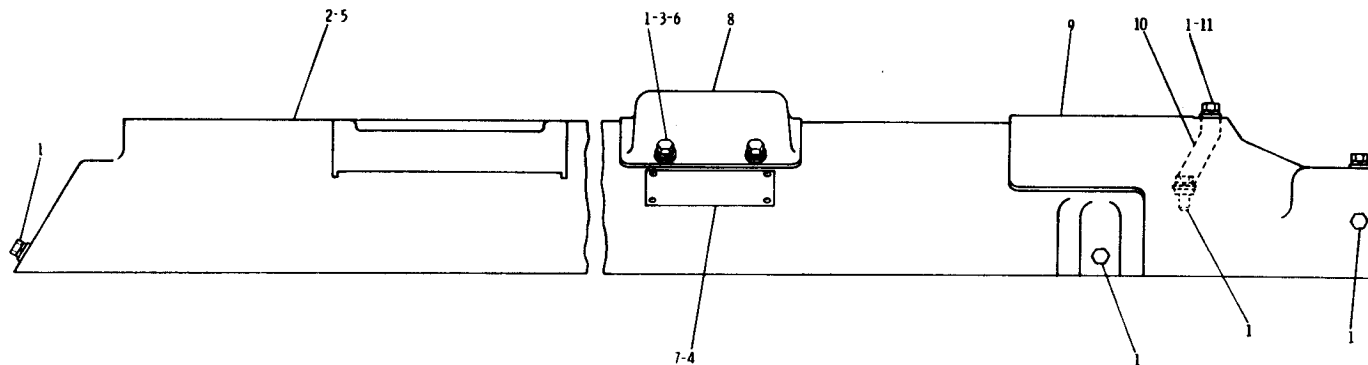
A	6	5M5000	4	PIN	
	7	4J8980	2	SEAL	
	8	5J8175	2	SEAL	
	9	6S3285	4	SEAL GROUP (STD.)	
		6S3284	2	RING	
				-OR-	
		5P373	4	SEAL GROUP	
		3N3095	2	RING (PROVIDES HIGH TEMP. RESISTANT RING)	
		10	T768	4	BOLT
			7B462	4	WASHER

A NOT PART OF 6S3610 FRONT IDLER GROUP

C	11	1H9696	4	SEAL	
	12	6S3453	2	BEARING (R.H. INNER-L.H. OUTER)	
	13	6S3451	2	BEARING (R.H. OUTER-L.H. INNER)	
	14	6S3286	16	SHIM	
	15	6S7220	4	PLATE ASSEM.	
	16	S1585	16	BOLT	
			63801	16	WASHER
		17	6S3697	2	SHAFT
		18	9F2247	2	PLUG
		19	6S7715	4	WASHER
	20	6S8797	2	BEARING	

C INDICATES CHANGE

307213



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	L1351	BOLT-----	30
1	3B4506	LOCKWASHER-----	30
1	4B4278	WASHER-----	30
C 2	5G1802	GUARD ASSEM. -----(R. H.)-----	1
		(Includes)	
3	9F2978	NUT-----	2
1	5P9441	PLATE -----(warning)-----	1
4	7B3028	SCREW-----	4

C 5	5G1803	GUARD ASSEM. -----(L. H.)-----	1
		(Includes)	
6	9F2978	NUT-----	2
7	5P9441	PLATE -----(warning)-----	1
8	7B3028	SCREW-----	4
8	6S3747	COVER-----	2
9	6S3799	GUARD -----(R. H.)-----	1
9	6S3800	GUARD -----(L. H.)-----	1

10	6S6741	BRACKET ASSEM. -----	2
		(Each Includes)	
11	9F2978	NUT-----	1

C INDICATES CHANGE

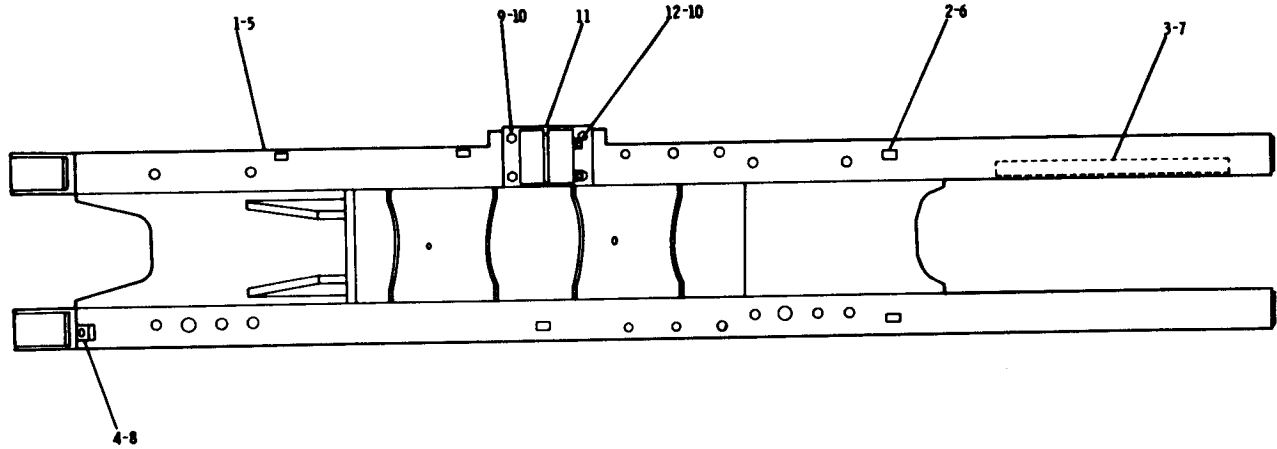
220721

6S9045 RECOIL MECHANISM GUARD GROUP

Note: Quantities shown are those required for both R.H. and L.H. side

6S8909 TRACK ROLLER FRAME GROUP

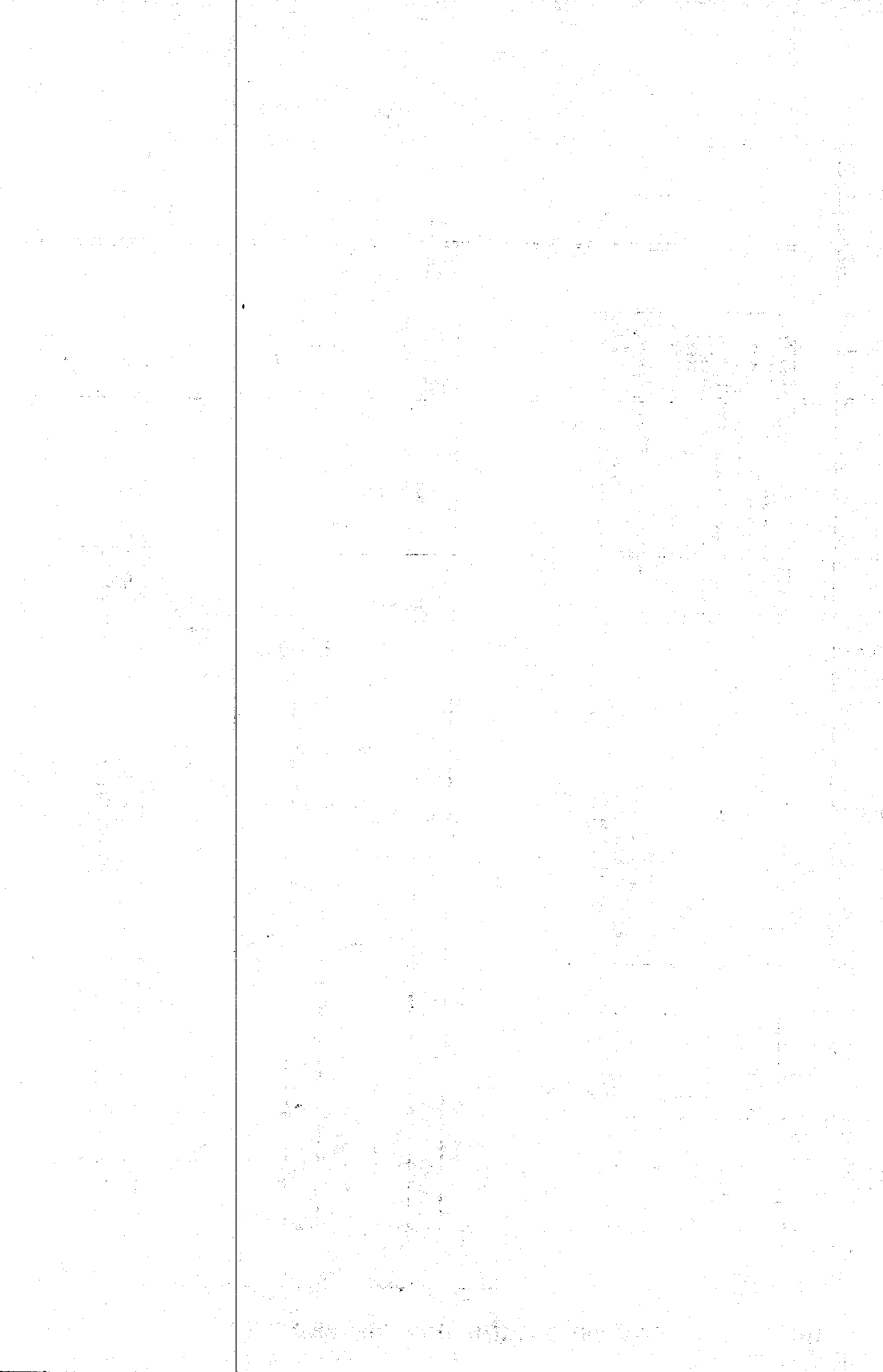
Note: Quantities shown are those required for both R.H. and L.H. sides



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6S8468	FRAME ASSEM. -----(R. H.)---- (Includes)	1
2	4B5440	PLATE-----	5
3	6S3442	STRIP-----	2
4	6S9598	PLATE-----	1
5	6S8907	FRAME ASSEM. -----(L. H.)---- (Includes)	1
6	4B5440	PLATE-----	5
7	6S3442	STRIP-----	2
8	6S9598	PLATE-----	1

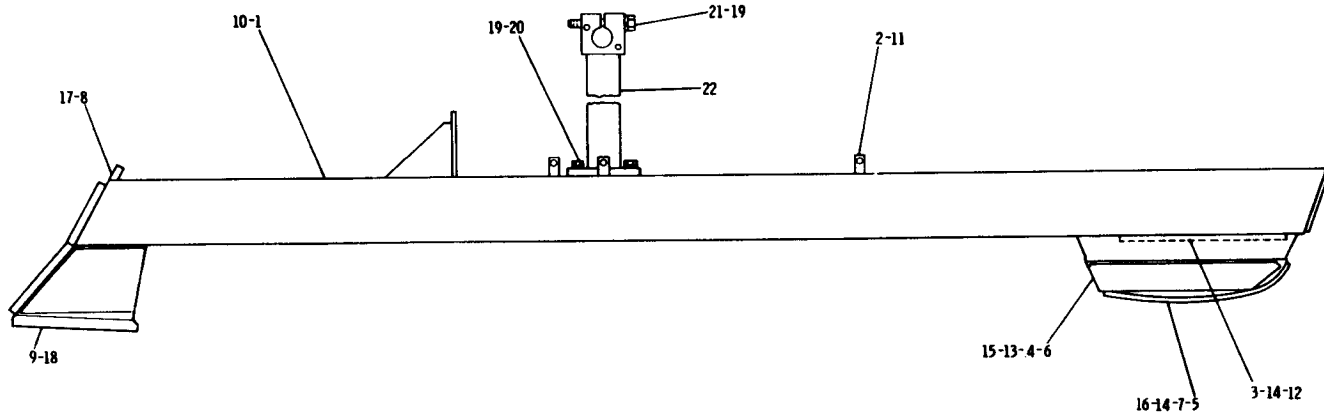
9	7B3235	BOLT-----	8
10	3B4508	LOCKWASHER-----	12
11	6S9235	BRACKET ASSEM.-----	2
12	51625	BOLT-----	4

165822



6S9704 TRACK ROLLER FRAME GROUP

Note: Quantities shown are those required for both R.H. and L.H. sides
AN ATTACHMENT

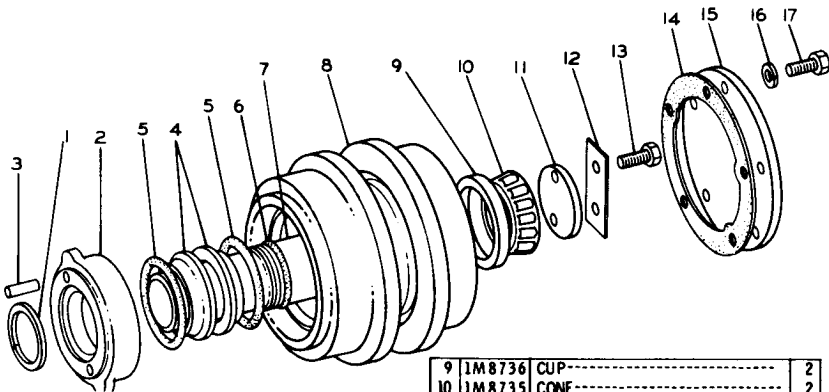


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6S9702	FRAME ASSEM. -----(R. H.)----	1
		(Includes)	
2	4B5440	PLATE-----	5
3	6S3442	STRIP-----	2
4	6S8412	GUARD ASSEM. --(R. H. outer)-	1
		(Includes)	
5	6S7843	STRIP-----	1
6	6S8413	GUARD ASSEM. --(R. H. inner)-	1
		(Includes)	
7	6S7843	STRIP-----	1
8	6S9598	PLATE-----	1
9	6S9696	GUARD ASSEM.-----	1

10	6S9703	FRAME ASSEM. -----(L. H.)----	1
		(Includes)	
11	4B5440	PLATE-----	5
12	6S3442	STRIP-----	2
13	6S8412	GUARD ASSEM. --(L. H. inner)-	1
		(Includes)	
14	6S7843	STRIP-----	1
15	6S8413	GUARD ASSEM. --(L. H. outer)-	1
		(Includes)	
16	6S7843	STRIP-----	1
17	6S9598	PLATE-----	1
18	6S9696	GUARD ASSEM.-----	1

19	3B4508	LOCKWASHER-----	12
20	7B3235	BOLT-----	8
21	51623	BOLT-----	4
22	6S9235	BRACKET ASSEM.-----	2

165831

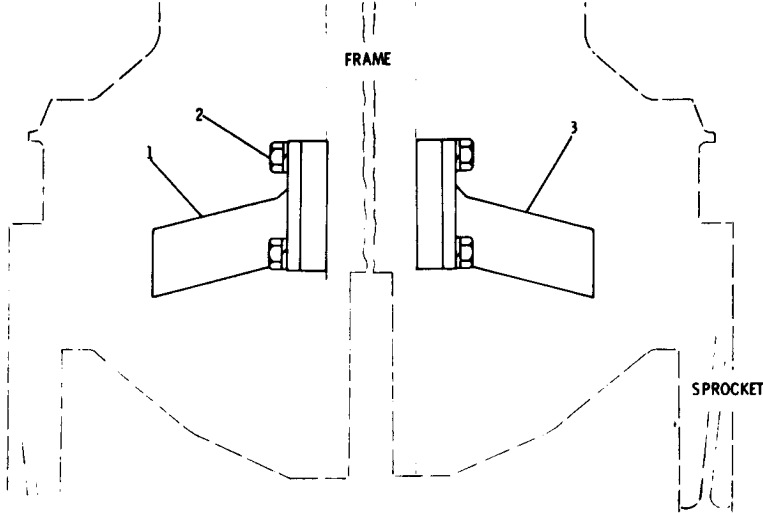


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1M 7914	RING-----	1
2	1M 7918	COLLAR ASSEM.-----	1
3	1M 4291	DOWEL-----	2
4	2M 2858	SEAL GROUP-----	1
5	1M 3097	RING-----	2
6	1H 9696	SEAL-----	1
7	6K 9861	SHAFT-----	1
8	6S 3691	ROLLER-----	1

9	1M 8736	CUP-----	2
10	1M 8735	CONE-----	2
11	6K 9860	PLATE-----	1
12	T 329	LOCK-----	1
13	T 703	BOLT-----	2
14	4H 9628	GASKET-----	1
15	4H 9527	COVER-----	1
16	3B 4506	LOCKWASHER-----	5
17	L 1351	BOLT-----	5

116672

6S3609 TRACK CARRIER ROLLER GROUP—2 Required



REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	3Y 5452	BAR ASSEM.----- (L. H.)-----	1
2	S 1566	BOLT-----	6
	3B 4510	LOCKWASHER-----	6

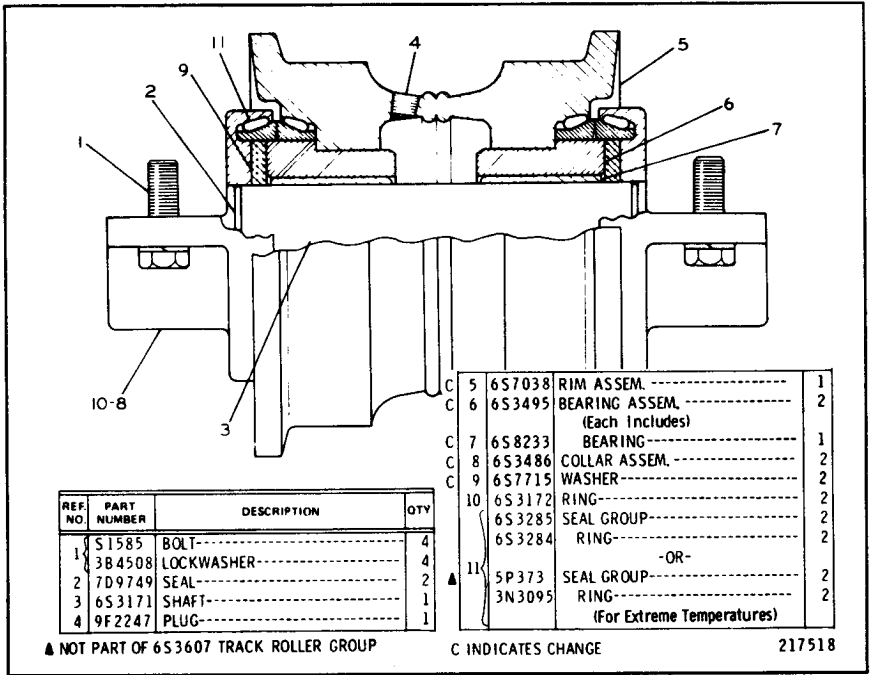
C 3	3Y 5451	BAR ASSEM.----- (R. H.)-----	1
	SMHS 6786	FORM----- (Instructions for Cleaner Bar)	1

C INDICATES CHANGE

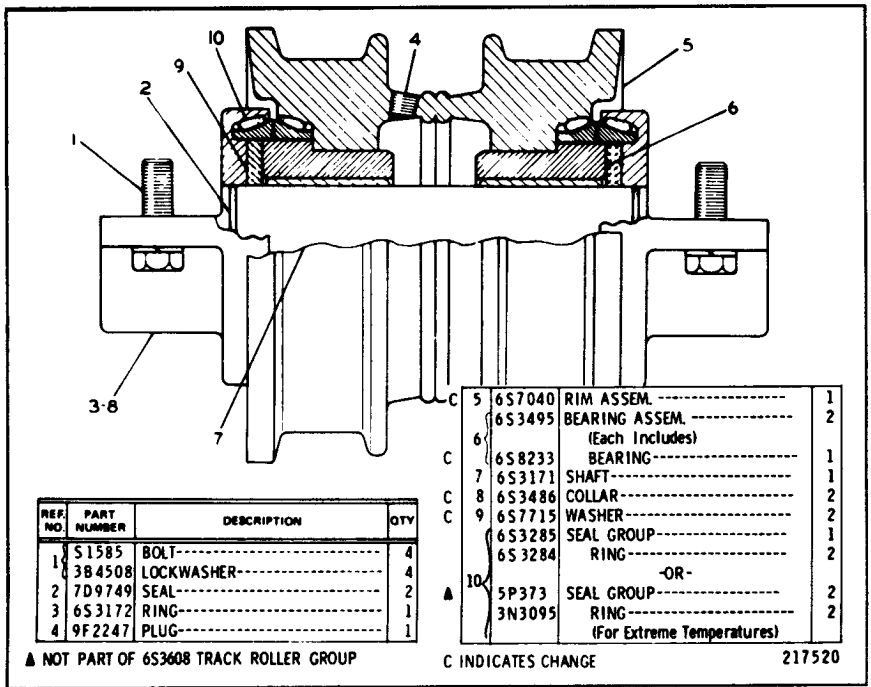
217449

6S9359 TRACK CLEANER BAR GROUP

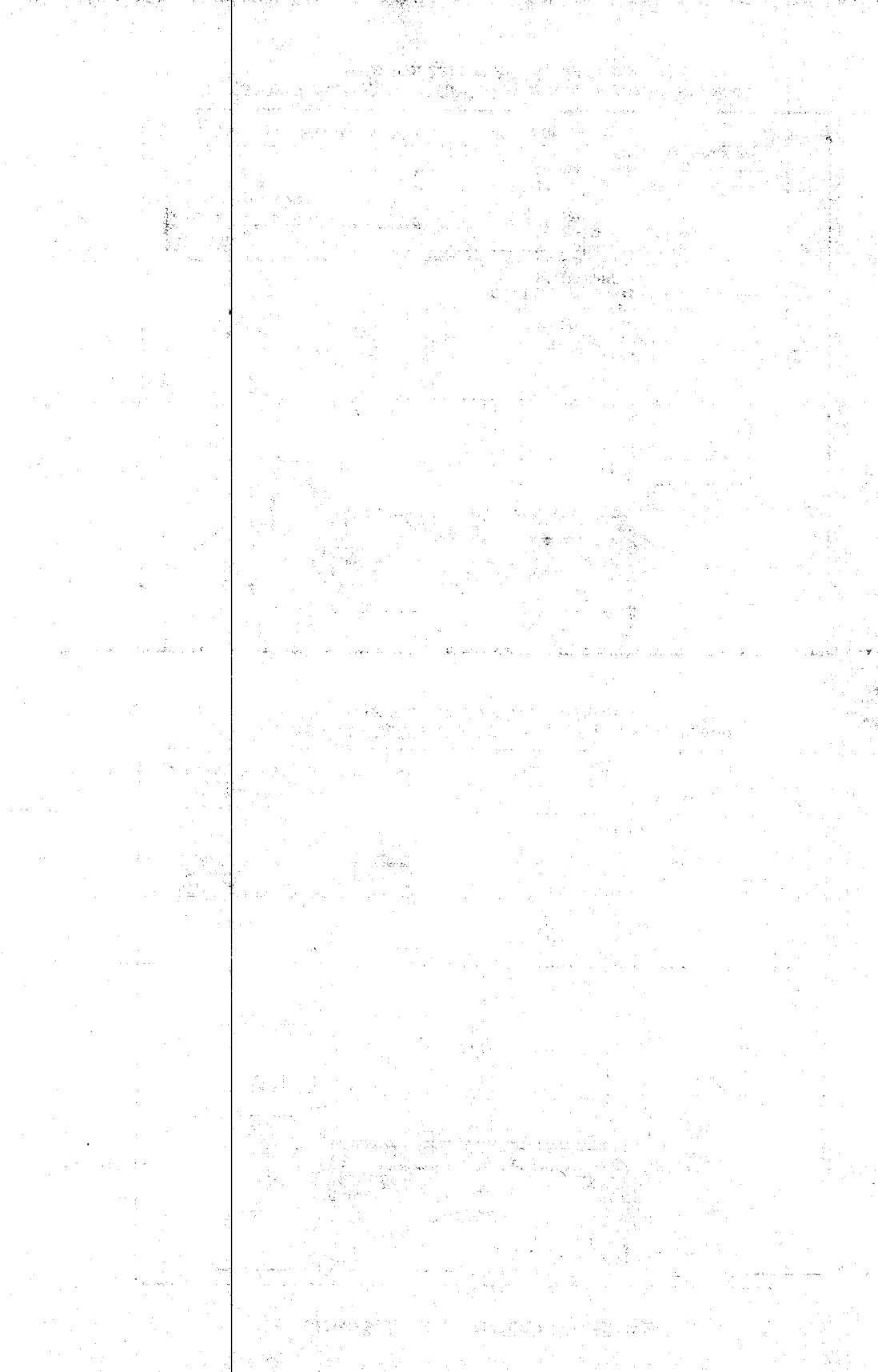
Note: Quantities shown are those required for both R.H. and L.H. sides
AN ATTACHMENT

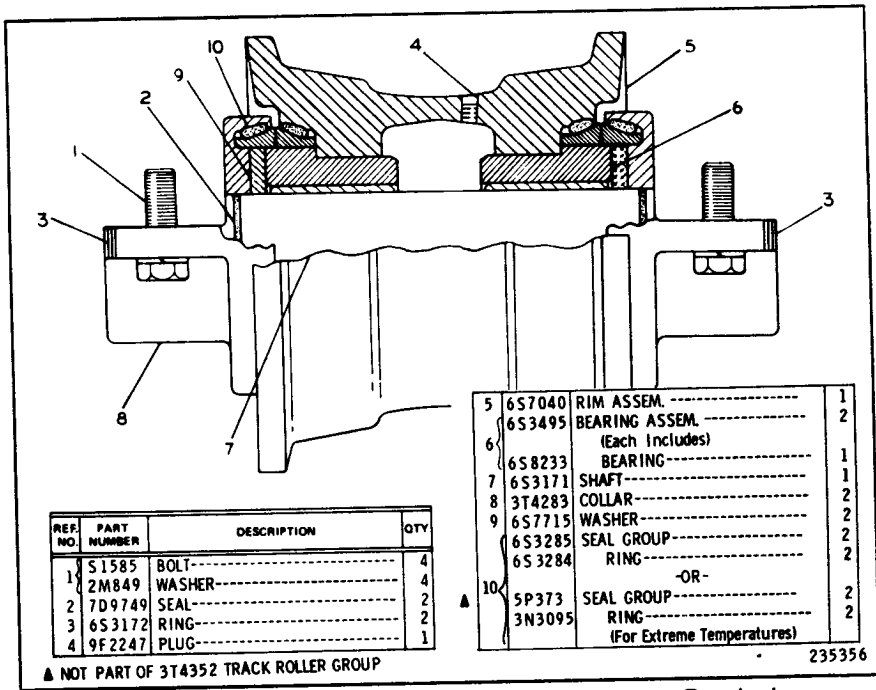


6S3607 TRACK ROLLER GROUP—Single Flange—4 Required
 Serial No. 23Y1 to 23Y1031 inclusive

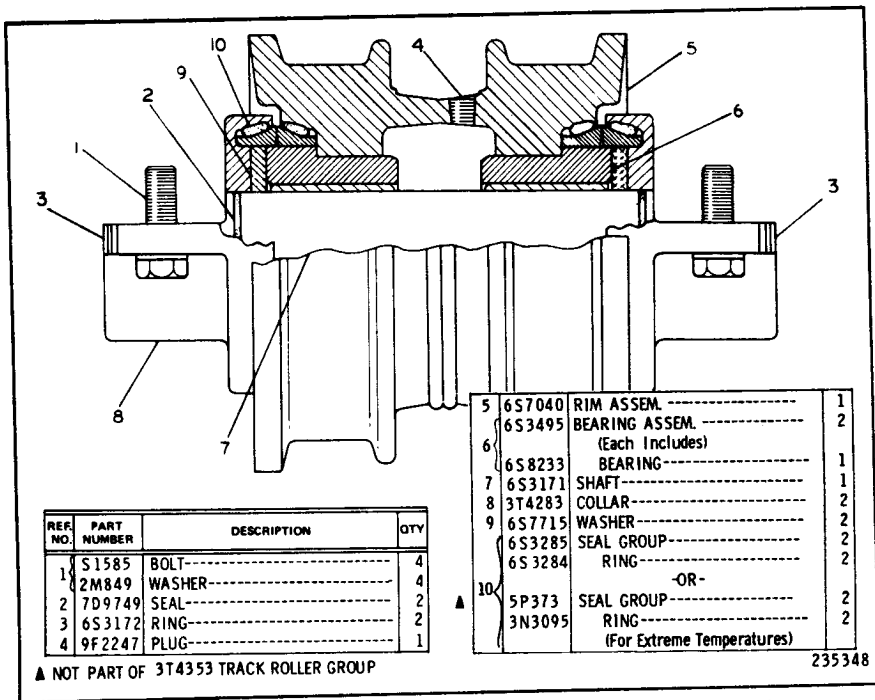


6S3608 TRACK ROLLER GROUP—Double Flange—6 Required
 Serial No. 23Y1 to 23Y1031 inclusive

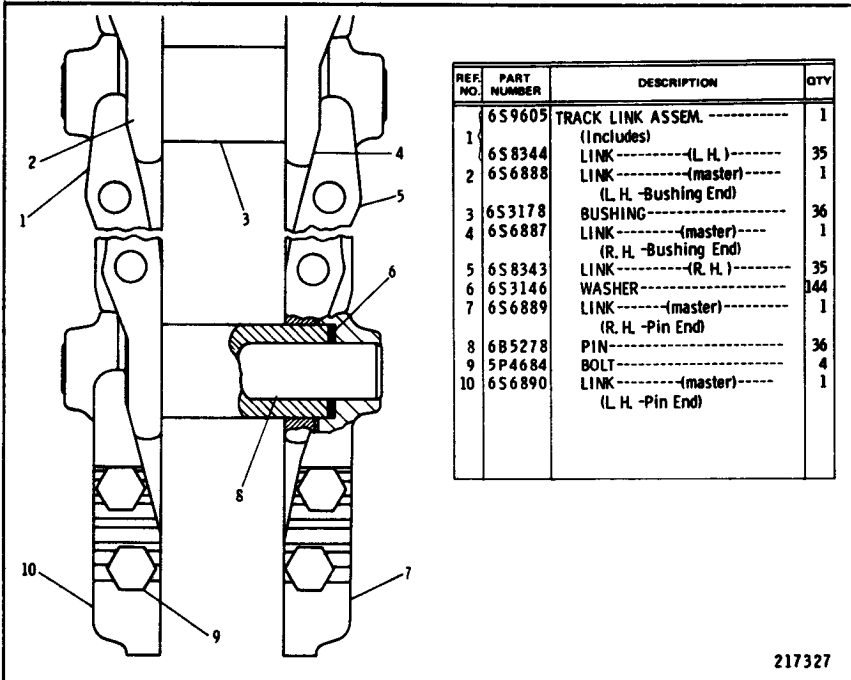




3T4352 TRACK ROLLER GROUP—Single Flange—4 Required
 Serial No. 23Y1032—Up



3T4353 TRACK ROLLER GROUP—Double Flange—6 Required
 Serial No. 23Y1032—Up



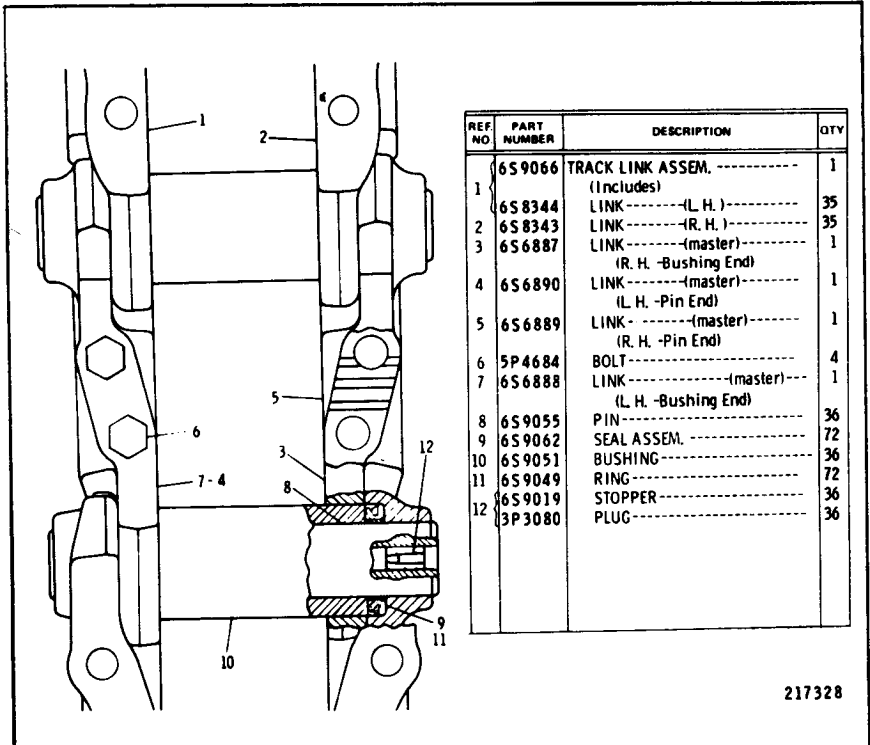
REF. NO.	PART NUMBER	DESCRIPTION	QTY
	6S9605	TRACK LINK ASSEM. -----	1
1	6S8344	(Includes) LINK----- (L. H.)-----	35
2	6S6888	LINK----- (master)-----	1
		(L. H. -Bushing End)	
3	6S3178	BUSHING-----	36
4	6S6887	LINK----- (master)-----	1
		(R. H. -Bushing End)	
5	6S8343	LINK----- (R. H.)-----	35
6	6S3146	WASHER-----	344
7	6S6889	LINK----- (master)-----	1
		(R. H. -Pin End)	
8	6B5278	PIN-----	36
9	5P4684	BOLT-----	4
10	6S6890	LINK----- (master)-----	1
		(L. H. -Pin End)	

217327

NAME	SHOE (36 REQUIRED FOR ONE TRACK)	COMPLETE TRACK GROUP (HARDWARE INCLUDED) 2 REQUIRED PER TRACTOR
12" GROUSER SHOE	35--6S8814 1--6S7123 (MASTER)	6S9609
14" SINGLE GROUSER SHOE	35--6S8815 1--6S9057 (MASTER)	6S9610
14" TRIPLE GROUSER SHOE	35--6S8822 1--6S9063 (MASTER)	6S9606
16" GROUSER SHOE	35--6S8817 1--6S9058 (MASTER)	6S9611

4K7038 TRACK SHOE BOLT--140 REQUIRED FOR ONE TRACK
 7K2017 NUT--USED WITH 4K7038
 NOTE: 6S8408 TRACK PIN AND BUSHING GROUP, CONSISTING
 OF 35 PINS AND BUSHINGS FOR ONE TRACK, IS AVAILABLE

TRACK GROUPS--Sealed Non-Lubricated
 AN ATTACHMENT

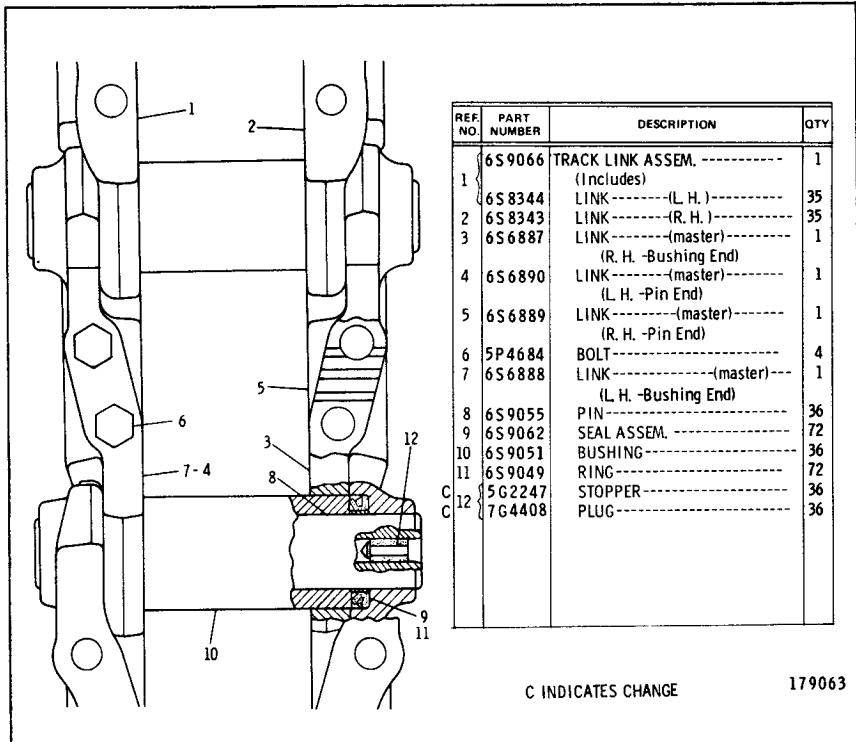


217328

NAME	SHOE (36 REQUIRED FOR ONE TRACK)	COMPLETE TRACK GROUP (HARDWARE INCLUDED) 2 REQUIRED PER TRACTOR
12" GROUSER SHOE	35--6S8814 1--6S7123 (MASTER)	6S9076
14" TRIPLE GROUSER SHOE	35--6S8822 1--6S9063 (MASTER)	6S9092
14" SINGLE GROUSER SHOE	35--6S8815 1--6S9057 (MASTER)	6S9096
16" GROUSER SHOE	35--6S8817 1--6S9058 (MASTER)	6S9095

4K7038 TRACK SHOE BOLT--140 REQUIRED FOR ONE TRACK
7K2017 NUT--USED WITH 4K7038

TRACK GROUPS—Sealed and Lubricated
Serial No. 23Y1 to 23Y830 inclusive



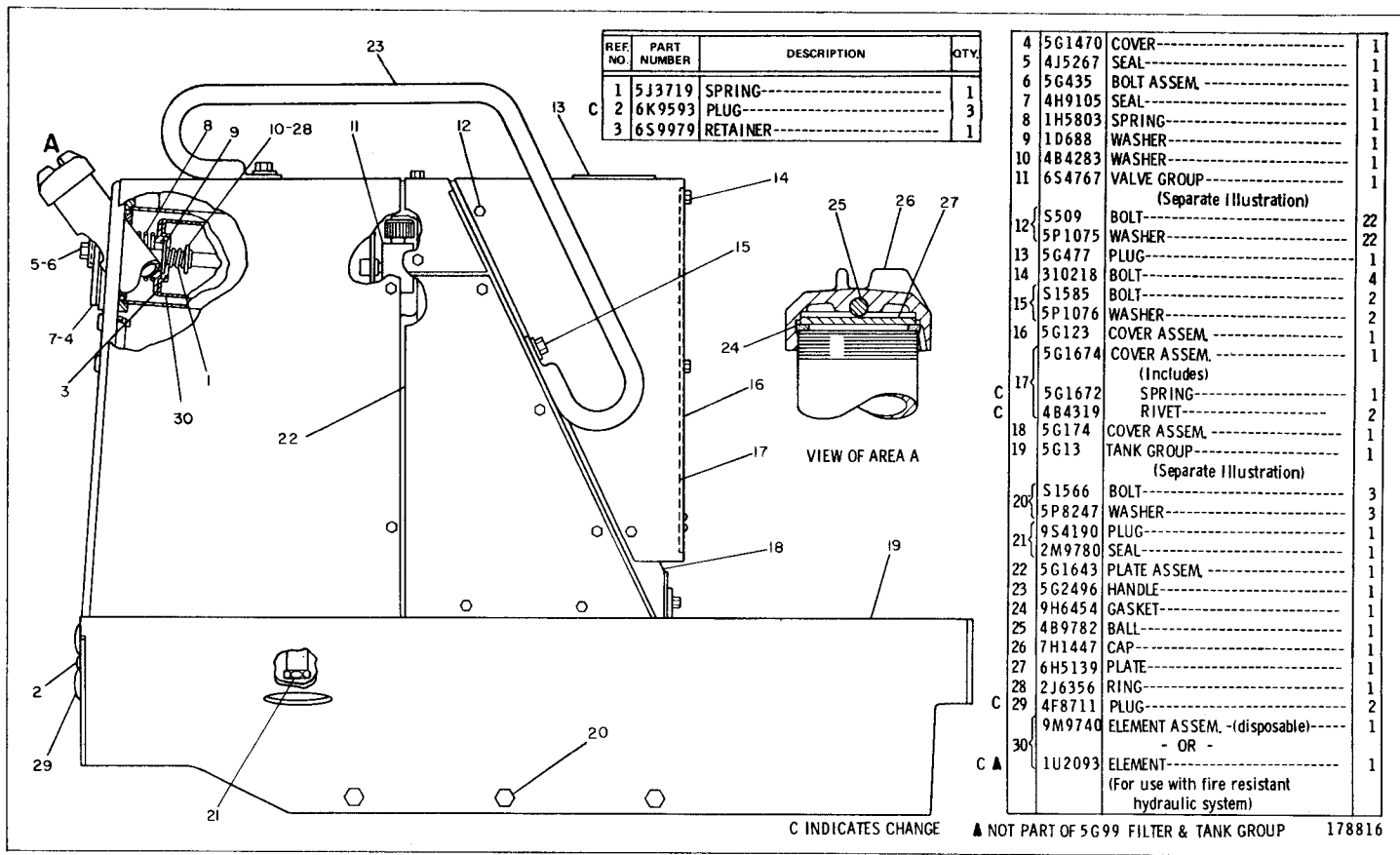
C INDICATES CHANGE

179063

NAME	SHOE (36 REQUIRED FOR ONE TRACK)	COMPLETE TRACK GROUP (HARDWARE INCLUDED) 2 REQUIRED PER TRACTOR
12" GROUSER SHOE	35--6S8814 1--6S7123 (MASTER)	6S9076
14" TRIPLE GROUSER SHOE	35--6S8822 1--6S9063 (MASTER)	6S9092
14" SINGLE GROUSER SHOE	35--6S8815 1--6S9057 (MASTER)	6S9096
16" GROUSER SHOE	35--6S8817 1--6S9058 (MASTER)	6S9095

4K7038 TRACK SHOE BOLT--140 REQUIRED FOR ONE TRACK
7K2017 NUT--USED WITH 4K7038

TRACK GROUPS—Sealed and Lubricated
Serial No. 23Y631—Up



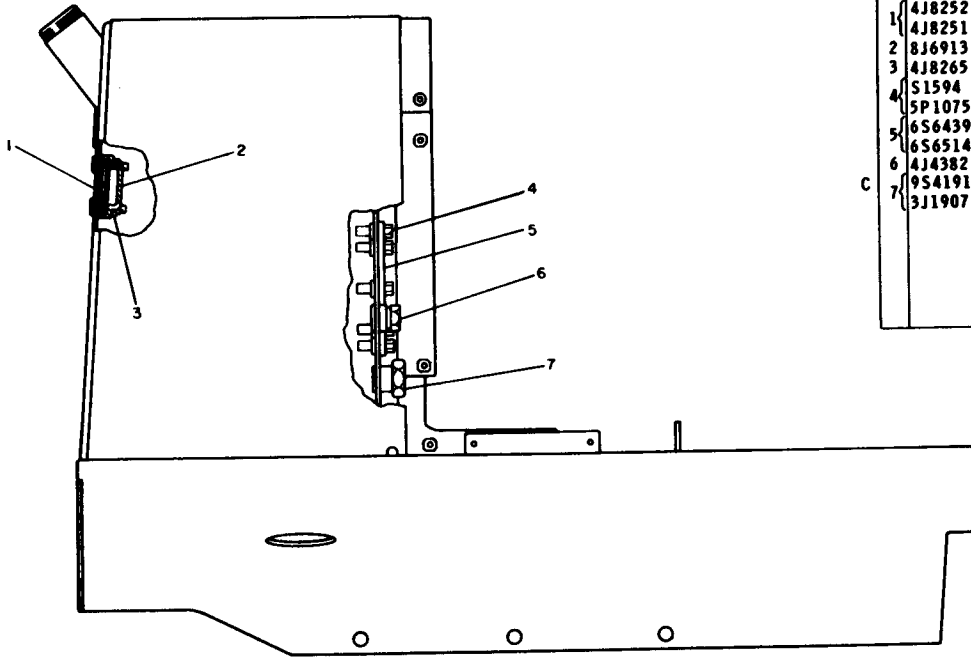
REF NO.	PART NUMBER	DESCRIPTION	QTY.
1	5J3719	SPRING	1
2	6K9593	PLUG	3
3	6S9979	RETAINER	1

4	5G1470	COVER	1
5	4J5267	SEAL	1
6	5G435	BOLT ASSEM	1
7	4H9105	SEAL	1
8	1H5803	SPRING	1
9	1D688	WASHER	1
10	4B4283	WASHER	1
11	6S4767	VALVE GROUP	1
(Separate Illustration)			
12	5S09	BOLT	22
	5P1075	WASHER	22
13	5G477	PLUG	1
14	310218	BOLT	4
	51585	BOLT	2
	5P1076	WASHER	2
16	5G123	COVER ASSEM	1
	5G1674	COVER ASSEM	1
(Includes)			
C 17	5G1672	SPRING	1
C 18	4B4319	RIVET	2
18	5G174	COVER ASSEM	1
19	5G13	TANK GROUP	1
(Separate Illustration)			
20	51566	BOLT	3
	5P8247	WASHER	3
21	9S4190	PLUG	1
	2M9780	SEAL	1
22	5G1643	PLATE ASSEM	1
23	5G2496	HANDLE	1
24	9H6454	GASKET	1
25	4B9782	BALL	1
26	7H1447	CAP	1
27	6H5139	PLATE	1
28	2J6356	RING	1
29	4F8711	PLUG	2
C 30	9M9740	ELEMENT ASSEM, -(disposable)- - OR -	1
C A	1U2093	ELEMENT	1
(For use with fire resistant hydraulic system)			

C INDICATES CHANGE ▲ NOT PART OF 5G99 FILTER & TANK GROUP 178816

5G99 HYDRAULIC TANK AND FILTER GROUP
5G13 Tank and 6S4767 Valve parts are shown on Pages 117 and 118

5G13 HYDRAULIC TANK GROUP
 Part of 5G99 Hydraulic Tank and Filter Group shown on Page 116

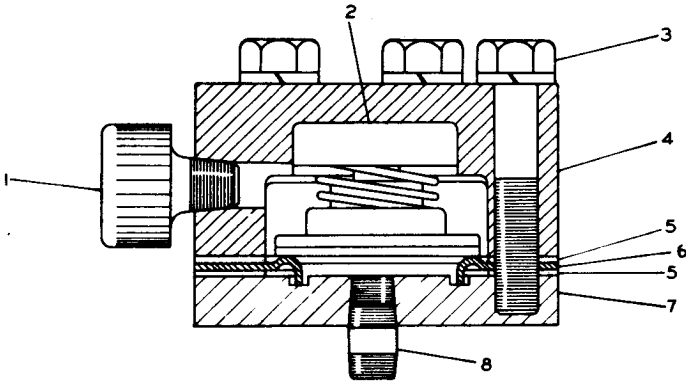


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	4J8252	GLASS-----	1
	4J8251	GROMMET-----	1
2	8J6913	RETAINER-----	1
3	4J8265	NUT-----	4
4	S1594	BOLT-----	8
	5P1075	WASHER-----	8
5	6S6439	COVER-----	1
	6S6514	GASKET-----	1
6	4J4382	PLUG-----	1
	9S4191	PLUG-----	1
7	3J1907	SEAL-----	1

C

C INDICATES CHANGE

173525



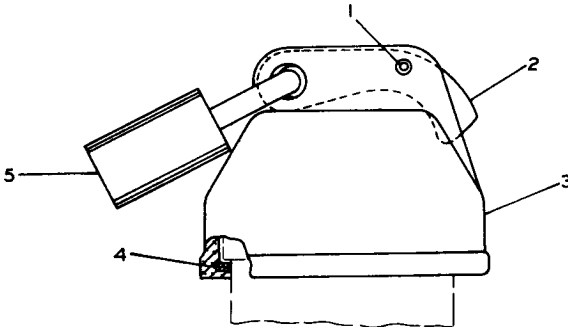
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8S5820	BREATHER-----	1
2	5S1218	VALVE ASSEM.-----	1
3	2B2694	BOLT-----	3
3	3B4505	LOCKWASHER-----	3
4	6S4768	COVER-----	1
5	6S4795	GASKET-----	2

6	7S4252	PLATE-----	1
7	6S4769	PLATE-----	1
8	3B7738	NIPPLE-----	1

118694

6S4767 BREAKER RELIEF VALVE GROUP

Part of 5G99 Hydraulic Tank and Filter Group shown on Page 116



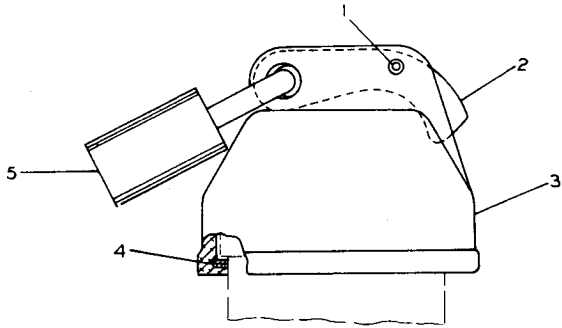
▲ Not Part of Protection Cover Group 5D1910

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1L5072	DOWEL-----	1
2	9M7394	LEVER-----	1
3	5D1911	COVER-----	1
4	2J7761	RING-----	1

5	Not Serv	PADLOCK-----	1
		(For Service of Padlock & Key Order 857949 Padlock Group)	
▲	8M439	KEY-----	2
		(NOT SHOWN)	

113719

5D1910 PROTECTION COVER GROUP—Hydraulic Tank Cap
Part of 6S9980 Vandalism Protection Group shown on Page 40
AN ATTACHMENT



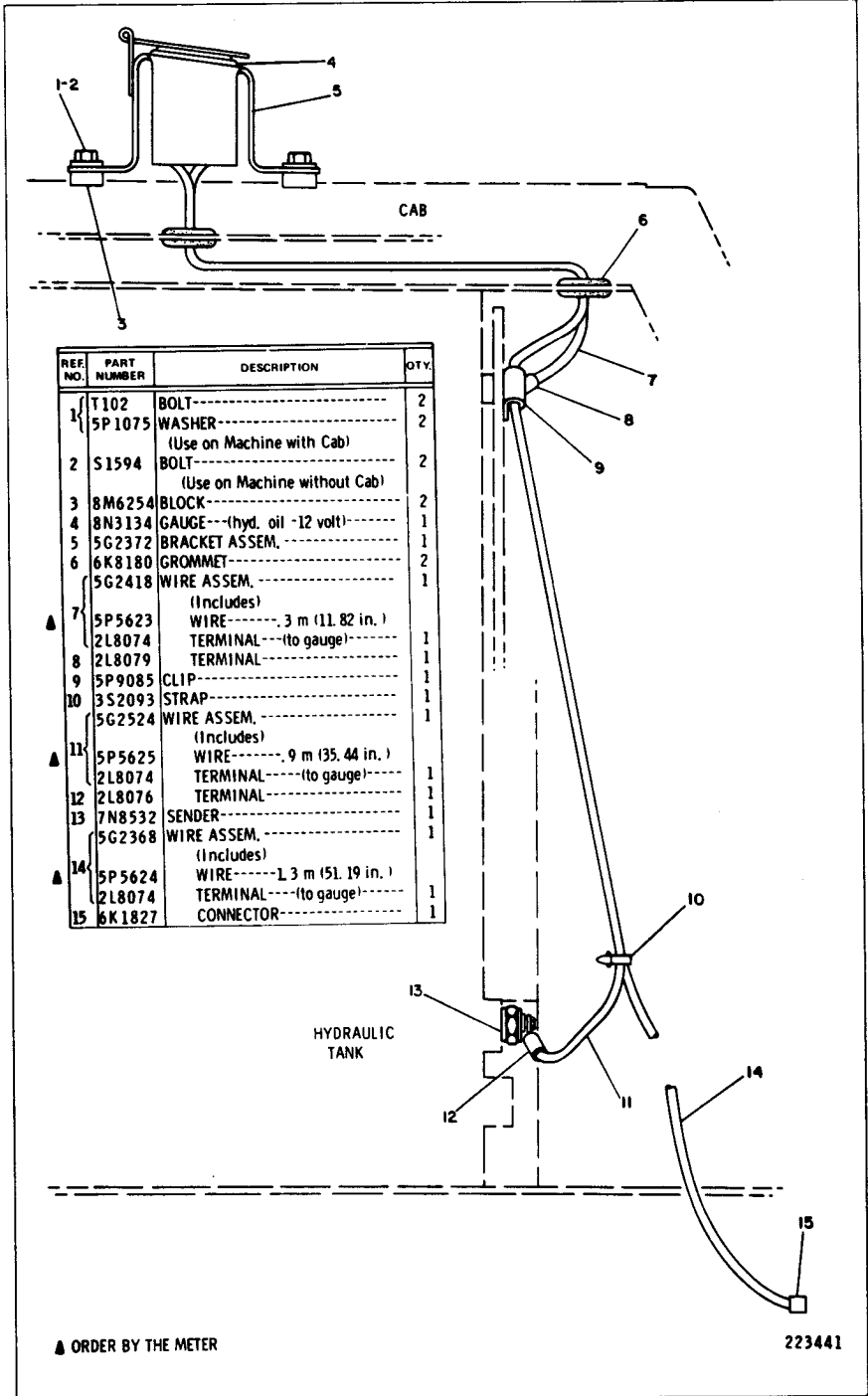
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1L5072	DOWEL-----	1
2	9M7394	LEVER-----	1
3	5D1911	COVER-----	1
4	2J7761	RING-----	1

▲	5	5P8502	PADLOCK GROUP-----	1
		(Includes)		
		5P8500	KEY-----	2

▲ NOT PART OF 9G9288 PROTECTION COVER GROUP

228813

9G9288 PROTECTION COVER GROUP—Hydraulic Tank Cap
Part of 6S9980 Vandalism Protection Group shown on Page 40A
AN ATTACHMENT



5G2341 HYDRAULIC OIL TEMPERATURE GAUGE GROUP
Also part of 5G2173 Backhoe Mounting Arrangement listed on Page 172
AN ATTACHMENT

CONSISTS OF:		PAGE
1	5G560 CONTROL VALVE GROUP	126
1	5G561 HYDRAULIC HAND CONTROL GROUP	121
1	8J4512 GEAR PUMP GROUP	125
1	5G2323 PUMP LINES GROUP	147

**5G568 HYDRAULIC ARRANGEMENT—3 Valve—Lift, Blade Tilt & Angle
AN ATTACHMENT**

CONSISTS OF:		PAGE
1	5G570 CONTROL VALVE GROUP	127
1	5G571 HYDRAULIC HAND CONTROL GROUP	121
1	8J4512 GEAR PUMP GROUP	125
1	5G2323 PUMP LINES GROUP	147
1	5G543 REAR LINES GROUP	148

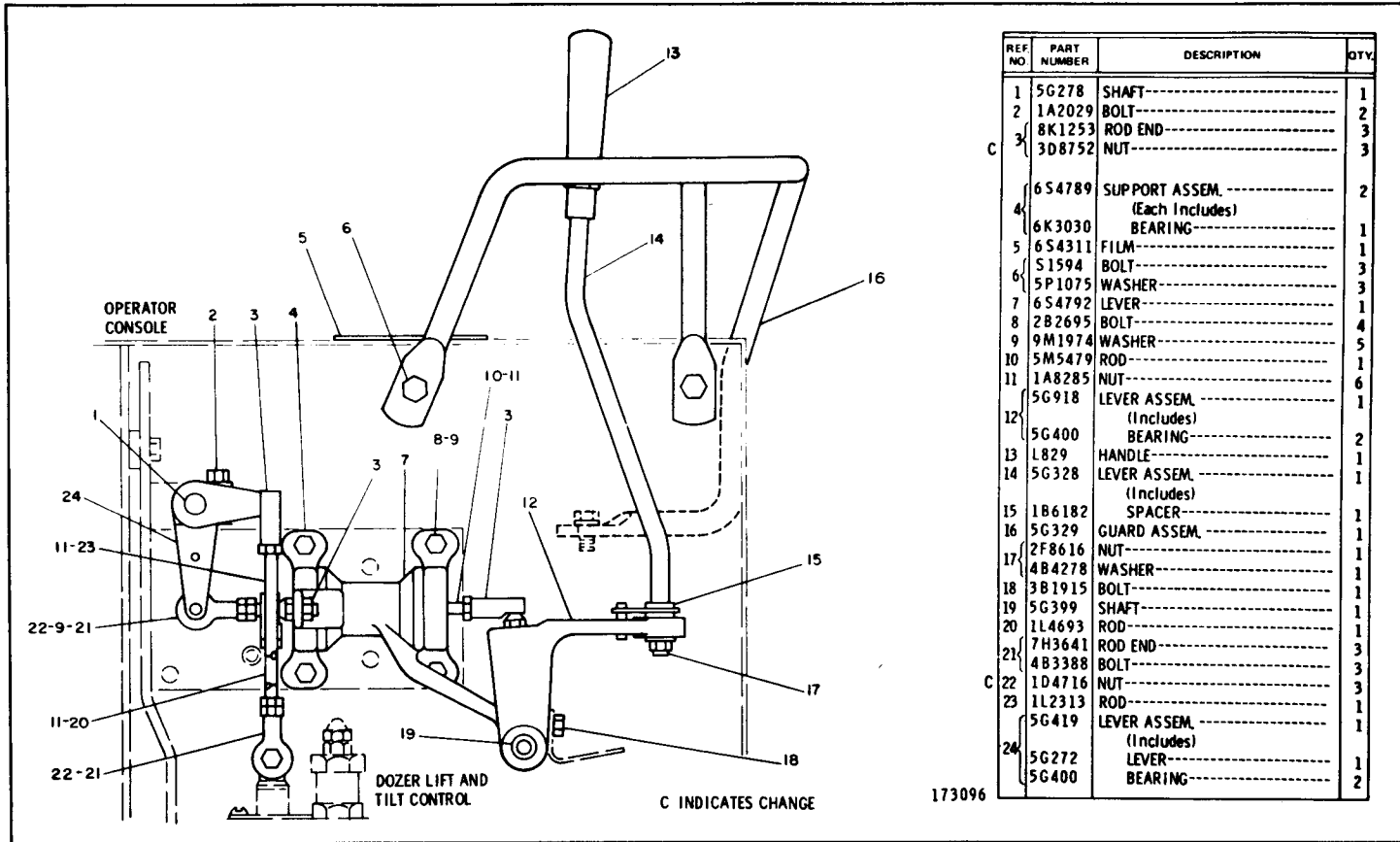
**5G568 HYDRAULIC ARRANGEMENT—4 Valve—Lift, Blade Tilt, Angle & Ripper
AN ATTACHMENT**

CONSISTS OF:			PAGE
1	5G2223	HYDRAULIC HAND CONTROL GROUP	122
1	5G2386	HYDRAULIC HAND CONTROL GROUP	123
1	6S3991	FILM--TO TOP OF HYDRAULIC TANK	

5G561 HYDRAULIC HAND CONTROL GROUP
 Part of 5G558 Hydraulic Arrangement listed on Page 120
 AN ATTACHMENT

CONSISTS OF:			PAGE
1	5G2223	HYDRAULIC HAND CONTROL GROUP	122
1	5G2386	HYDRAULIC HAND CONTROL GROUP	123
1	5G333	HYDRAULIC HAND CONTROL GROUP	124
1	6S3991	FILM--TO TOP OF HYDRAULIC TANK	

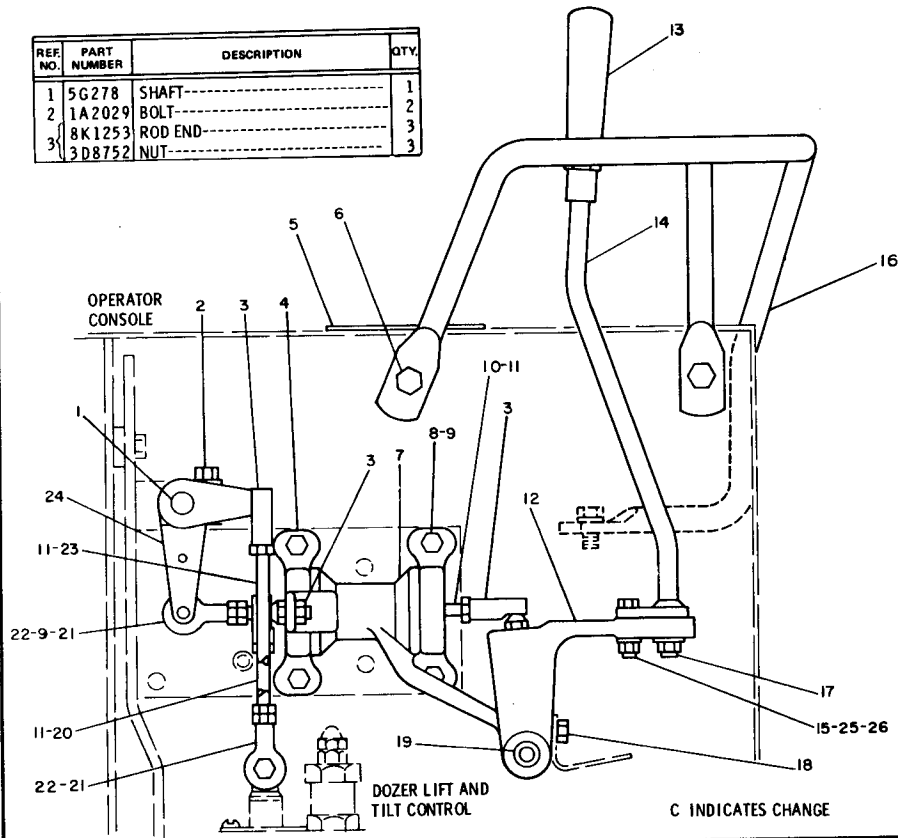
5G571 HYDRAULIC HAND CONTROL GROUP
 Part of 5G568 Hydraulic Arrangement listed on Page 120
 AN ATTACHMENT



5G2223 HYDRAULIC HAND CONTROL GROUP—Type 1
 Part of 5G561 and 5G571 Hydraulic Hand Control Groups listed on Page 121
 AN ATTACHMENT

5G2223 HYDRAULIC HAND CONTROL GROUP—Type 2
Part of 5G561 and 5G571 Hydraulic Hand Control Groups listed on Page 121
AN ATTACHMENT

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G278	SHAFT-----	1
2	1A2029	BOLT-----	2
3	8K1253	ROD END-----	3
3	3D8752	NUT-----	3



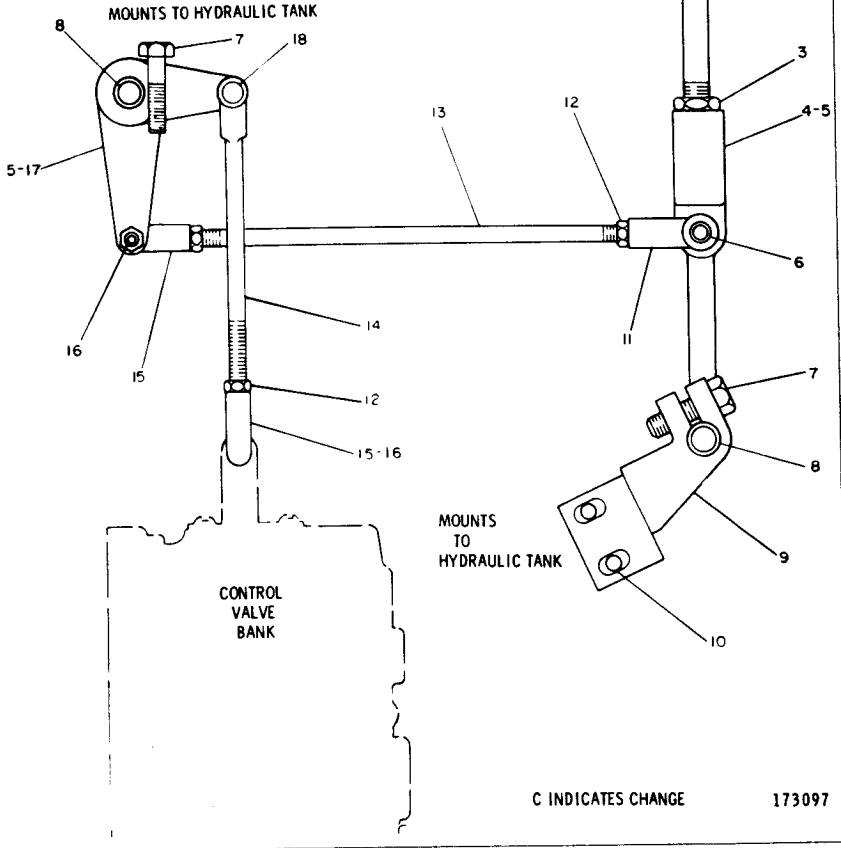
4	6S4789	SUPPORT ASSEM.-----	2	
		(Each Includes)		
		BEARING-----	1	
5	6S4311	FILM-----	3	
	S1594	BOLT-----	3	
6	5P1075	WASHER-----	3	
7	6S4792	LEVER-----	1	
8	2B2695	BOLT-----	4	
9	9M1974	WASHER-----	5	
10	5M5479	ROD-----	1	
11	1A8285	NUT-----	6	
C	5G3138	LEVER ASSEM.-----	1	
		(Includes)		
12	5G400	BEARING-----	2	
13	L829	HANDLE-----	1	
C	14	5G3133	LEVER ASSEM.-----	1
C	15	7B2742	BOLT-----	1
C	16	5G329	GUARD ASSEM.-----	1
C	17	2L6267	NUT-----	1
C	17	5M2894	WASHER-----	1
18	3B1915	BOLT-----	1	
19	5G399	SHAFT-----	1	
C	20	6B607	STUD-----	1
	7H3641	ROD END-----	3	
21	4B3388	BOLT-----	3	
22	1D4716	NUT-----	3	
23	1L2313	ROD-----	1	
	5G419	LEVER ASSEM.-----	1	
		(Includes)		
24	5G272	LEVER-----	1	
	5G400	BEARING-----	2	
C	25	5P537	WASHER-----	1
C	26	2D6235	LOCKNUT-----	1

HYDRAULIC SYSTEM

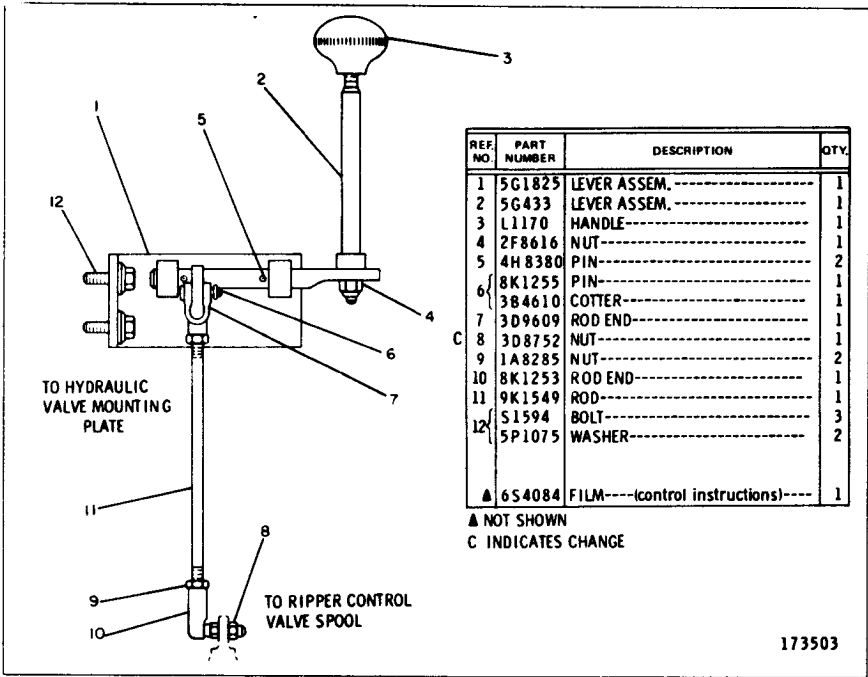
122A

177818

REF NO.	PART NUMBER	DESCRIPTION	QTY.
1	L1170	HANDLE-----	1
2	5G323	LEVER-----	1
C 3	1B4430	NUT-----	1
4	5G320	LEVER-----	1
5	5G400	BEARING-----	4
6	1J4384	PIN-----	1
6	3B4615	COTTER PIN-----	1
C 7	1A2029	BOLT-----	4
8	5G399	SHAFT-----	2
9	5G325	BRACKET ASSEM-----	1
10	4F4879	BOLT-----	4
C 10	5M2894	WASHER-----	4
11	4J2701	END-----	1
12	1A8285	NUT-----	3
13	9L274	ROD-----	1
14	5B3091	ROD-----	1
15	8K1253	END-----	2
C 16	3D8752	NUT-----	2
17	5G286	LEVER-----	1
17	1A2457	PIN-----	1
18	3B4610	COTTER PIN-----	1

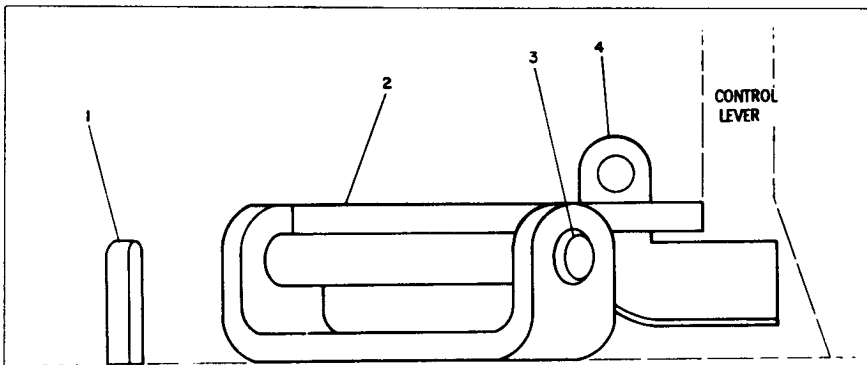


5G2386 HYDRAULIC HAND CONTROL GROUP
 Part of 5G561 and 5G571 Hydraulic Hand Control Groups listed on Page 121



173503

5G333 HYDRAULIC HAND CONTROL GROUP—Ripper
Part of 5G571 Hydraulic Hand Control Group listed on Page 121
AN ATTACHMENT

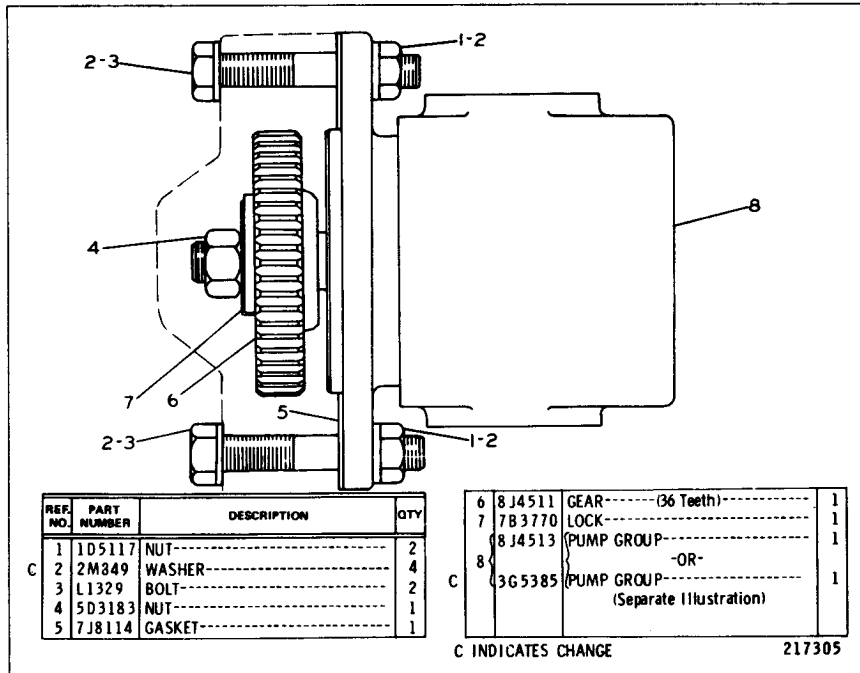


HYDRAULIC
TANK

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G2486	PLATE-----	1
2	5G2489	PLATE ASSEM.----- (Includes)	1
3	4D5051	PIN-----	1
4	5G2487	PLATE-----	1

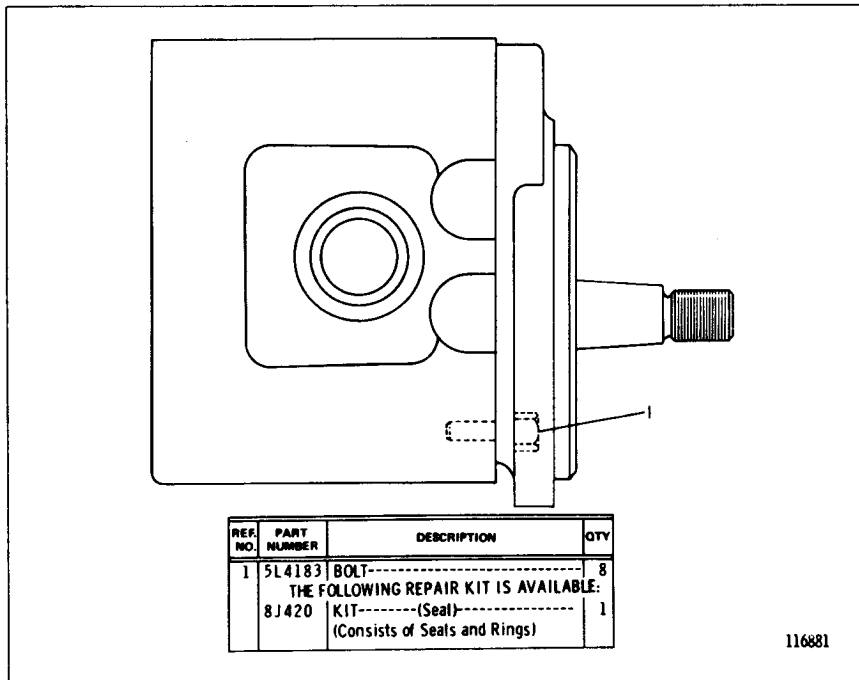
223245

5G2491 HYDRAULIC HAND CONTROL LOCK GROUP
For Japan Market Only
AN ATTACHMENT



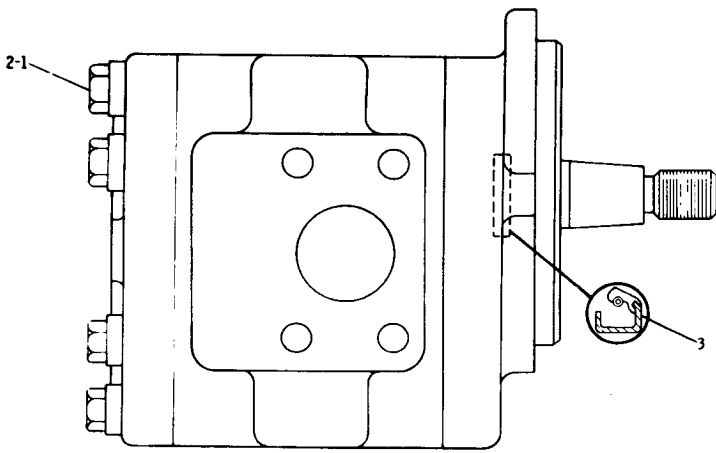
8J4512 GEAR PUMP GROUP

Part of 5G558 and 5G568 Hydraulic Arrangements listed on Page 120
 8J4513 and 3G5385 Pump parts are shown on Pages 125 and 126
 AN ATTACHMENT



8J4513 GEAR PUMP GROUP—Tyrone
 Part of 8J4512 Gear Pump Group
 AN ATTACHMENT

CATERPILLAR D3B TRACTOR



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	8S9191	BOLT-----	8
2	5M2894	WASHER-----	8
3	3G5083	SEAL-----	1

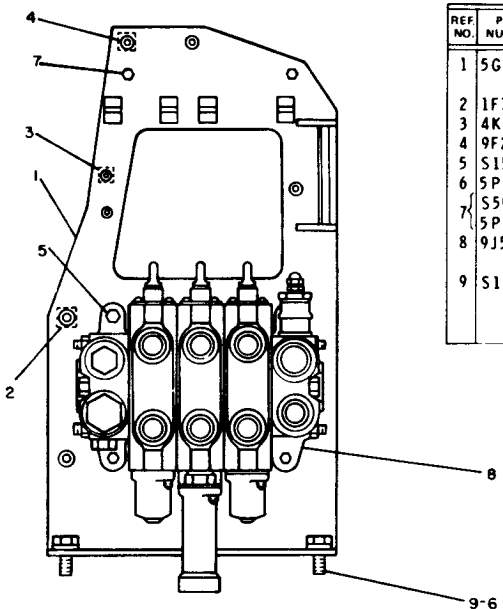
THE FOLLOWING REPAIR KIT IS AVAILABLE:

3G5858 KIT----- (seal)----- 1

(Consists of Seal, Gasket & Strip)

217306

3G5385 GEAR PUMP GROUP—Shimadzu Seisakusko
 Part of 8J4512 Gear Pump Group shown on Page 125
 AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G327	BRACKET ASSEM.----- (Includes)	1
2	1F748	NUT-----	9
3	4K9097	NUT-----	2
4	9F2978	NUT-----	3
5	S1585	BOLT-----	3
6	5P1076	WASHER-----	4
7	S509	BOLT-----	2
	5P1075	LOCKWASHER-----	2
8	9J5823	VALVE GROUP----- (Separate Illustration)	1
9	S1595	BOLT-----	4

223255

5G560 CONTROL VALVE GROUP—Lift, Blade Tilt & Angle
 Part of 5G558 Hydraulic Arrangement listed on Page 120
 9J5823 Valve parts are shown on Page 127. AN ATTACHMENT

REF NO	PART NUMBER	DESCRIPTION	QTY
C 1	5 1585	BOLT-----	3
2	5 P 1076	WASHER-----	4
3	5 G 327	BRACKET ASSEM.-----	1
		(Includes)	
	1 F 748	NUT-----	9
4	4 K 9097	NUT-----	2
5	9 F 2978	NUT-----	3
C 6	5 509	BOLT-----	2
	5 P 1075	WASHER-----	2
7	9 J 5825	VALVE GROUP-----	1
		(Separate Illustration)	
8	4 B 3823	BOLT-----	4

C INDICATES CHANGE

173504

5G570 CONTROL VALVE GROUP—Lift, Blade Tilt, Angle & Ripper
 Part of 5G568 Hydraulic Arrangement listed on Page 120
 9J5825 Valve parts are shown on Page 128. AN ATTACHMENT

REF. NO	PART NUMBER	DESCRIPTION	QTY
1	9 J 5817	OUTLET SECTION ASSEM.-----	1
		(Includes)	
2	9 S 4183	PLUG-----	2
	3 D 2824	SEAL-----	2
3	9 S 4181	PLUG-----	1
	7 M 8485	SEAL-----	1
4	9 J 723	VALVE GROUP-----	1
		(Separate Illustration)	
5	2 H 4145	SEAL-----	1
6	9 J 713	ROD-----	1
	1 B 4205	NUT-----	2
	9 J 703	ROD-----	2
7	1 B 4204	NUT-----	4
8	9 J 720	HOUSING-----	1
9	9 J 718	VALVE GROUP-----	2
10	9 J 715	VALVE GROUP-----	1
		(Separate Illustration)	

154041

9J5823 BANK VALVE GROUP—Lift, Blade Tilt & Angle
 Part of 5G560 Control Valve Group shown on Page 126
 9J718, 9J715 and 9J723 Valve parts are shown on Pages 128, 129 and 130
 AN ATTACHMENT

95825 BANK VALVE GROUP—Lift, Angle & Ripper
 Part of 5670 Control Valve Group shown on Page 127
 9J718, 9J710 and 9J717 Valve parts are shown on Pages 128, 129,
 130 and 131. AN ATTACHMENT

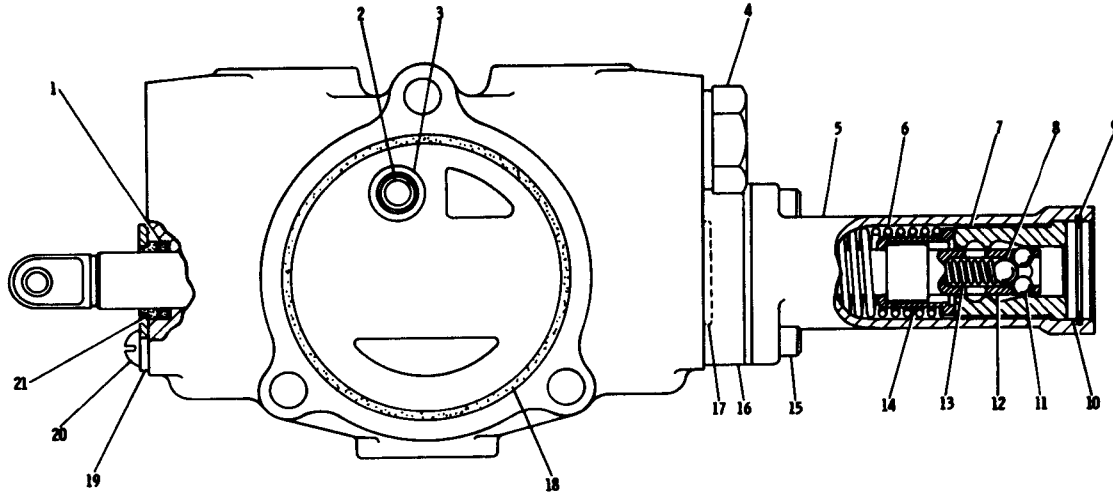
REF. PART NO. NUMBER	DESCRIPTION	QTY
9J714	ROD	1
1B4205	NUT	2
2 9J5817	OUTLET SECTION ASSEM.	1
3 954183	PLUG	2
3 3D2824	SEAL	2
4 954181	PLUG	2
4 7M8485	SEAL	2
5 9J718	VALVE GROUP	1
6 9J715	VALVE GROUP	1
7 9J710	VALVE GROUP	1
8 9J723	VALVE GROUP	1
9 9J704	ROD	2
9 1B4204	NUT	4
10 2H4145	SEAL	1
11 9J720	HOUSING	1
12 9J717	VALVE GROUP	1
13 9J709	PLUG ASSEM. (Separate Illustration)	1
14 3D2824	SEAL	1
15 9J1272	RING	1
15 4J5309	SEAL	1

9J718 TILT AND ANGLE CONTROL VALVE GROUP
 Part of 9J5823 and 9J5825 Bank Valve Groups shown on Pages 127 and 128
 AN ATTACHMENT

REF. PART NO. NUMBER	DESCRIPTION	QTY
1 329805	SEAL	2
2 5F7054	SEAL	2
3 8J9464	POPPET	1
4 8J9463	SPRING	1
5 2H4145	SEAL	1
6 6L5897	BOLT	2

REF. PART NO. NUMBER	DESCRIPTION	QTY
7 58145	SCREW	1
8 58141	CAP	1
8 58146	SPRING	1
9 58144	SEAT	2
10 58144	SEAT	2
11 58143	PLATE	2
12 8F5758	SCREW	2

9J715 LIFT CONTROL VALVE GROUP
 Part of 9J5823 and 9J5825 Bank Valve Groups shown on Pages 127 and 128
 8J9471 Valve parts are shown on Page 130. AN ATTACHMENT



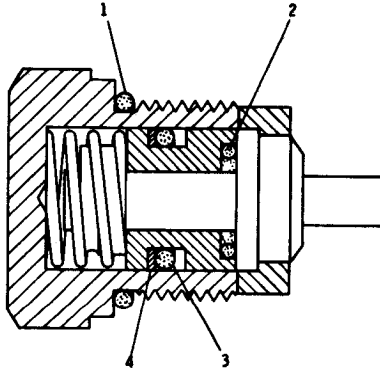
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	SF7054	SEAL-----	2
2	8J9463	SPRING-----	1
3	8J9464	POPPET-----	1
4	8J9471	CHECK VALVE GROUP (Separate Illustration)	1
5	8J9472	CAP-----	1
6	8J9466	SPRING-----	1
7	8J9476	SLEEVE-----	1

8	8J4455	BALL-----	1
9	9J706	RING-----	1
10	8J9462	PLUG-----	1
11	2D6642	BALL-----	4
12	8J9459	PIN-----	1
13	8J9465	SPRING-----	1
14	8J9468	RETAINER-----	2
15	4L7124	BOLT-----	2
16	8J9474	SPACER-----	1
17	4F8946	SEAL-----	1

	18	2H4145	SEAL-----	1
C	19	58143	PLATE-----	2
	20	8F5758	SCREW-----	2
C	21	329805	SEAL-----	2

C INDICATES CHANGE

214116

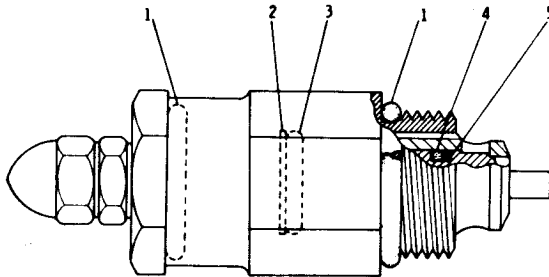


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3D2824	SEAL-----	1
2	6M5062	SEAL-----	1

3	6F4855	SEAL-----	1
4	9J707	RING-----	1

144424

8J9471 CHECK VALVE GROUP—Make-Up
Part of 9J715 Control Valve Group shown on Page 129
AN ATTACHMENT



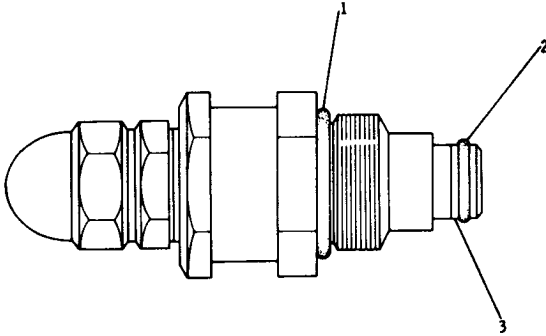
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3D2824	SEAL-----	2
2	9J707	RING-----	1
3	6F4855	SEAL-----	1

C 4	1H1023	SEAL-----	1
5	300167	RING-----	1

C INDICATES CHANGE

119637

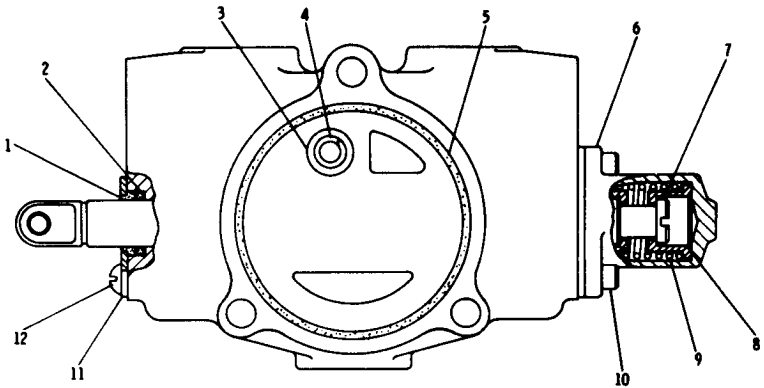
9J723 RELIEF VALVE GROUP—Pilot Operated
Part of 9J5823, 9J5825 Bank Valve Groups and 6S4538 and 6S9400 Backhoe
Arrangements listed on Pages 127, 128, 170 and 171



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3D2824	SEAL-----	1
2	6M5062	SEAL-----	1
3	9J705	RING-----	1

118698

9J710 RIPPER CYLINDER RELIEF VALVE GROUP—Direct Operated
Part of 9J5825 Bank Valve Group shown on Page 128
AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	329805	SEAL-----	2
2	5F7054	SEAL-----	2
3	8J9464	POPPET-----	1
4	8J9463	SPRING-----	1
5	2H4145	SEAL-----	1
C 6	58141	CAP-----	1
C 7	58145	SCREW-----	1
C 8	58144	SEAL-----	2
C 9	58146	SPRING-----	1

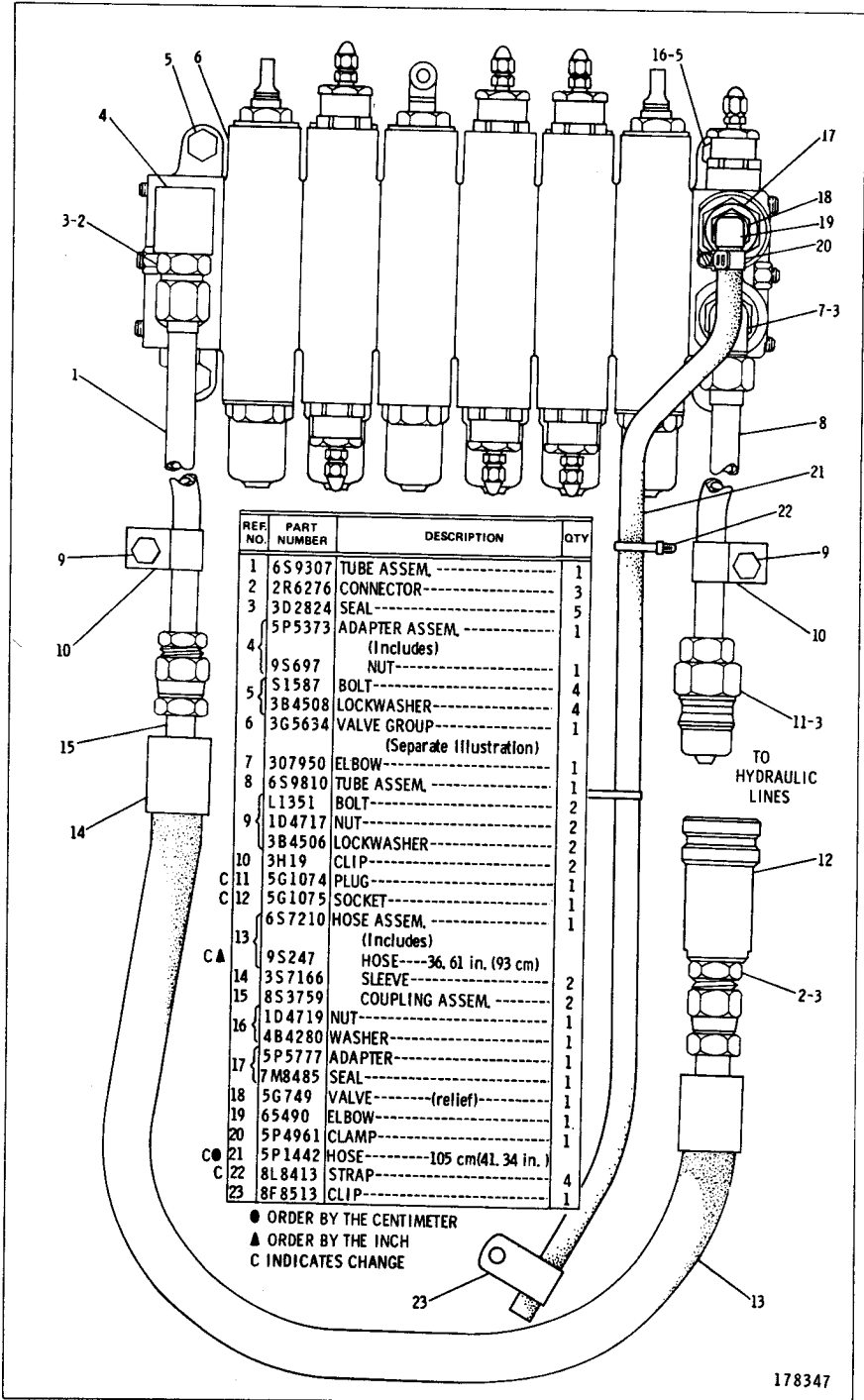
10	6L5897	BOLT-----	2
C 11	58143	PLATE-----	2
12	8F5758	SCREW-----	2

C INDICATES CHANGE

217526

9J717 RIPPER CONTROL VALVE GROUP
Part of 9J5825 Bank Valve Group shown on Page 128
AN ATTACHMENT

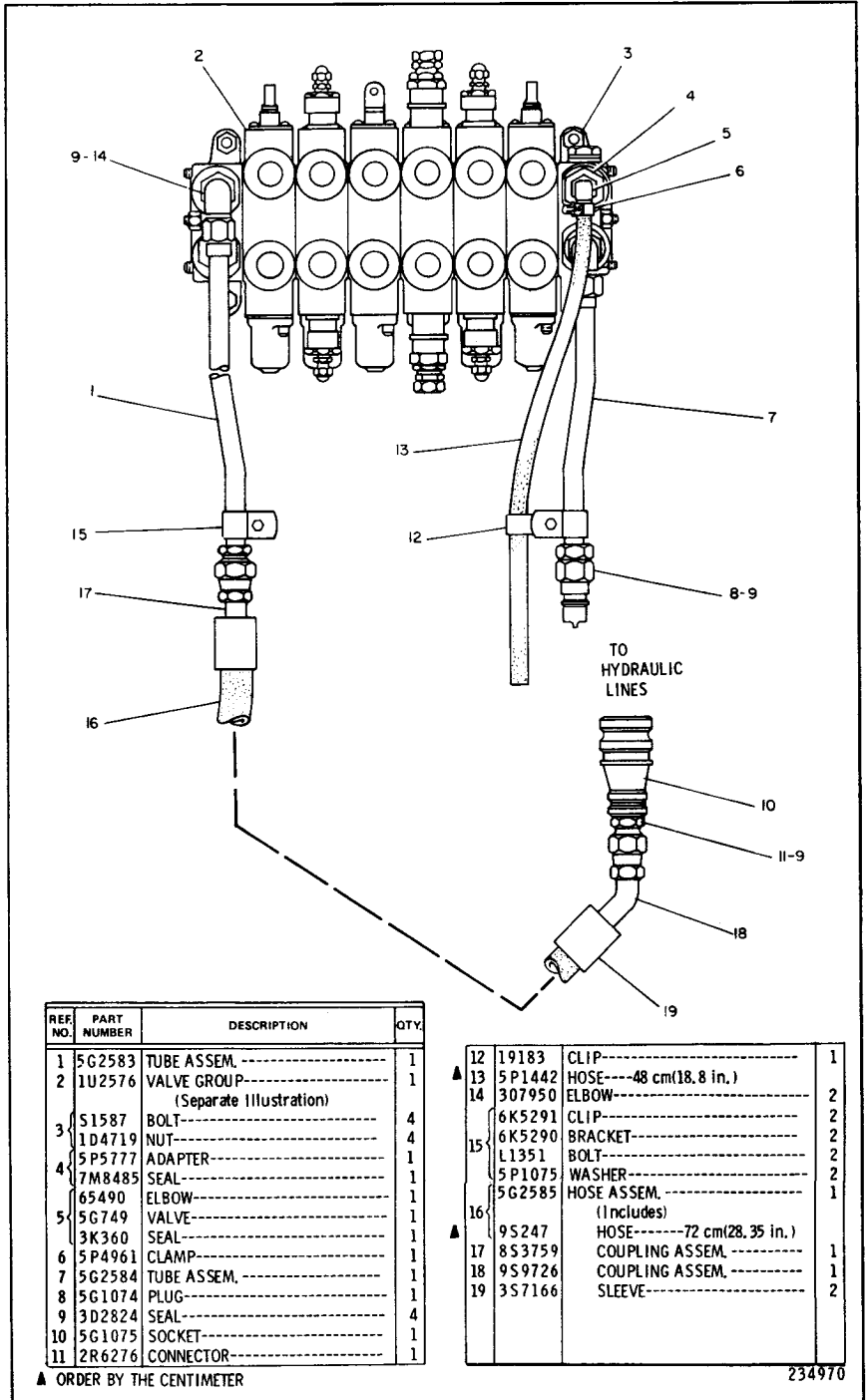
CATERPILLAR D3B TRACTOR



178347

6S9331 CONTROL VALVE AND LINES GROUP

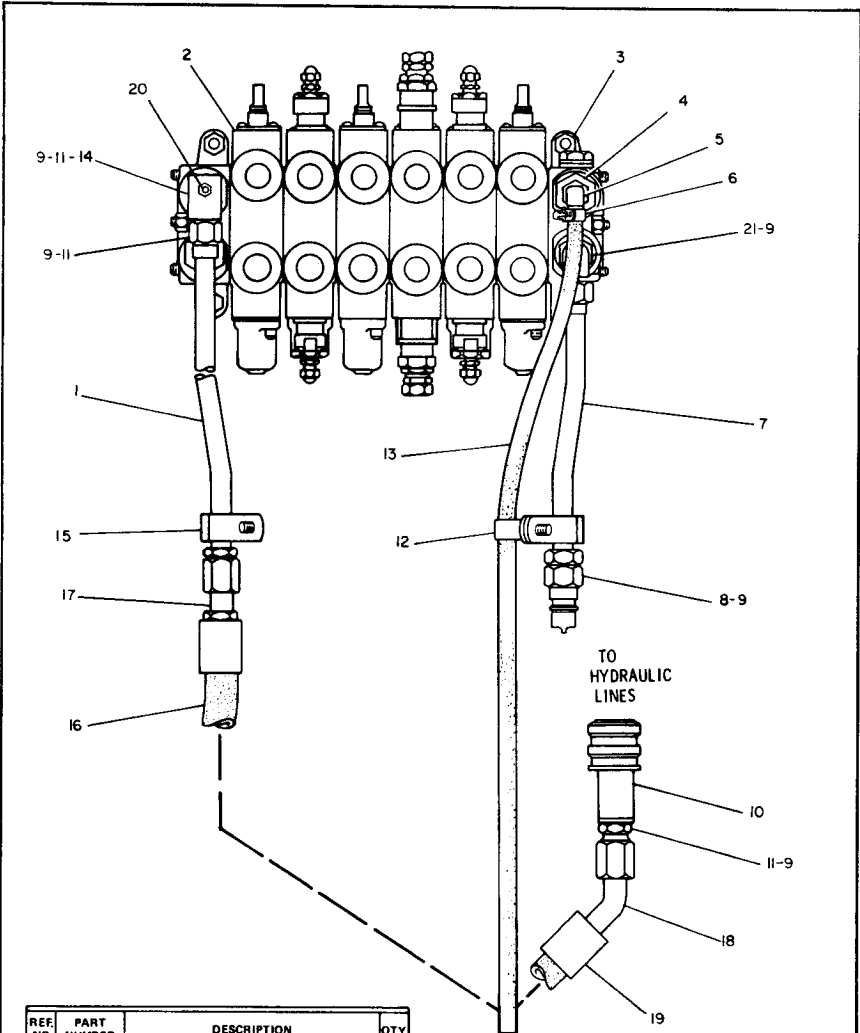
Part of 6S4538 and 6S9400 Backhoe Arrangements listed on Pages 170 and 171
 3G5634 Valve parts are shown on Page 133



▲ ORDER BY THE CENTIMETER

234970

5G2582 VALVE AND LINES GROUP
 Part of 5G2150 Fixed Pivot Backhoe Arrangement listed on Page 170A
 1U2576 Valve parts are shown on Page 132B



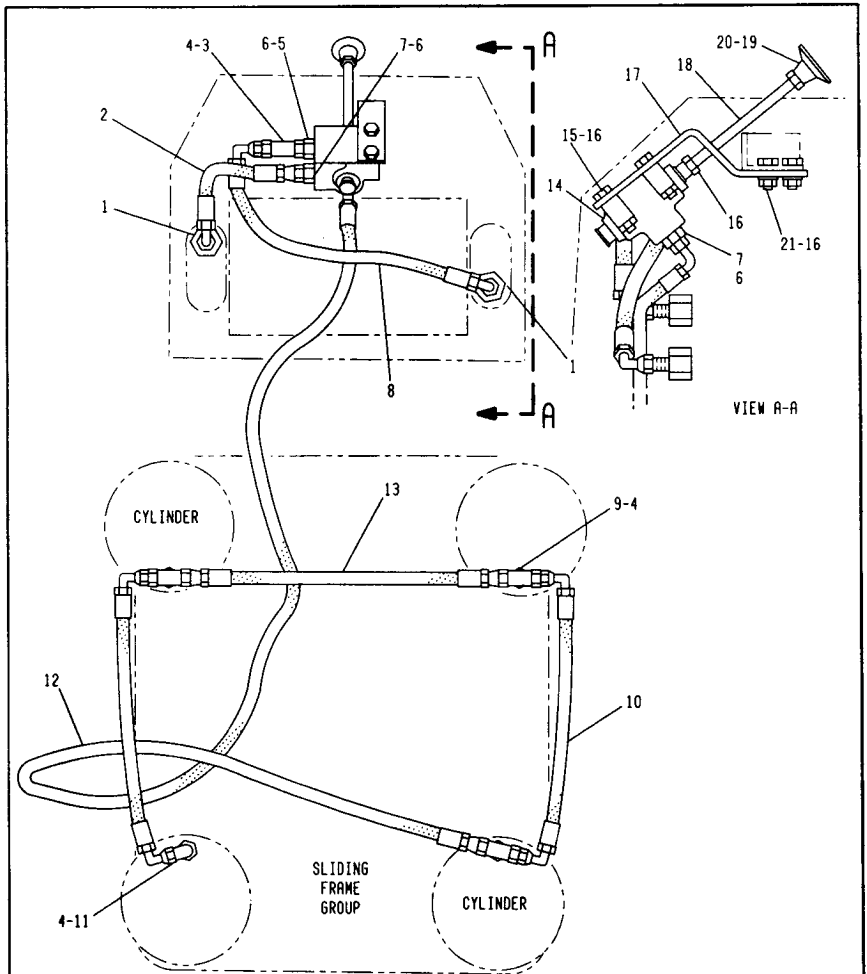
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G2583	TUBE ASSEM.-----	1
2	1U2576	VALVE GROUP----- (Separate Illustration)	1
3	51587	BOLT-----	4
	1D4719	NUT-----	4
4	5P5777	ADAPTER-----	1
	7M8485	SEAL-----	1
5	65490	ELBOW-----	1
	5G749	VALVE-----	1
6	3K360	SEAL-----	1
	5P4961	CLAMP-----	1
7	5G2584	TUBE ASSEM.-----	1
8	5G1074	PLUG-----	1
9	3D2824	SEAL-----	5
10	5G1075	SOCKET-----	1
11	2R6276	CONNECTOR-----	3

12	19183	CLIP-----	1
13	5P1442	HOSE-----90 cm(35.44 in.)	1
14	6V450	ADAPTER ASSEM.-----	1
15	6K5291	CLIP-----	2
	6K5290	BRACKET-----	2
16	L1351	BOLT-----	2
	5P1075	WASHER-----	2
17	5G2585	HOSE ASSEM.----- (Includes)	1
	9S247	HOSE-----72 cm(28.35 in.)	1
18	8S3759	COUPLING ASSEM. -(straight)-	1
19	9S9726	COUPLING ASSEM. -(45°)-	1
20	3J7166	SLEEVE-----	2
	3J7352	CONNECTOR-----	1
21	3J7354	SEAL-----	1
	2P7211	TEE-----	1

▲ ORDER BY THE CENTIMETER

237765

5G3687 LINES AND VALVE GROUP
 Part of 5G3690 Backhoe Arrangement listed on Page 170B
 1U2576 Valve parts are shown on Page 132B

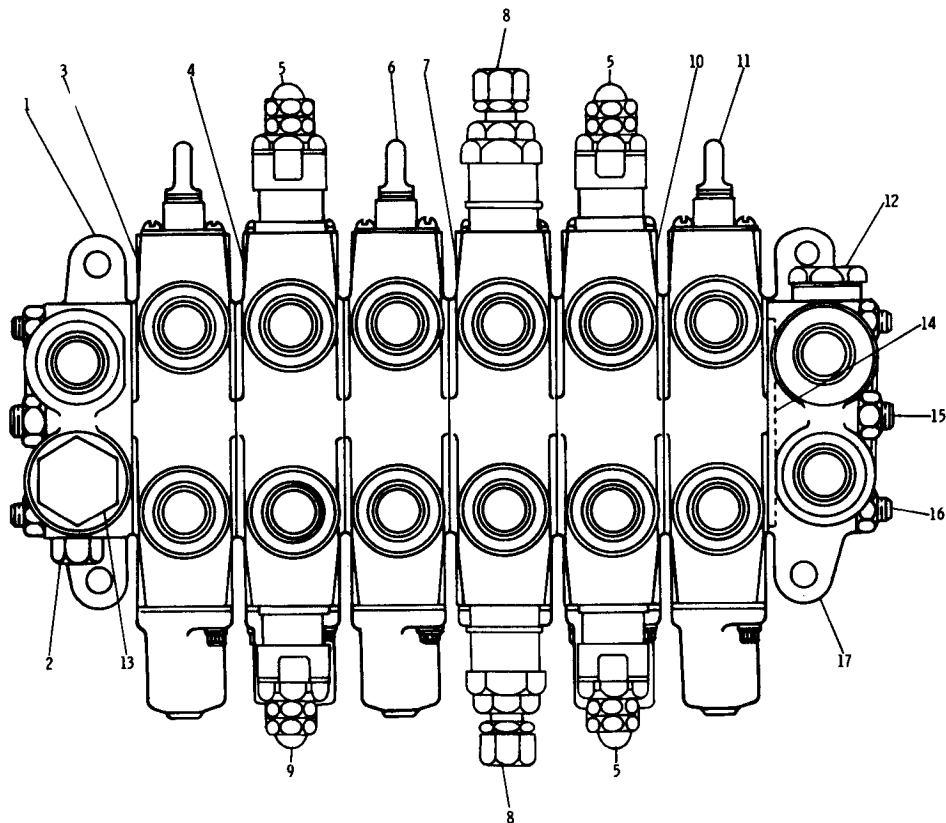


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5P5005	REDUCER-----	2
2	5G3693	HOSE ASSEM. ---23.5 cm(9.26 in.)	1
3	9J8548	VALVE ASSEM.-----	1
4	3J7354	SEAL-----	5
5	3P1932	ADAPTER-----	1
6	3K360	SEAL-----	3
7	308193	CONNECTOR-----	1
8	5G3694	HOSE ASSEM. ---48 cm(18.90 in.)	1
9	4S4857	TEE-----	3
10	5G3695	HOSE ASSEM. ---35 cm(13.78 in.)	2
11	307946	ELBOW--229 cm(90.16 in.)-----	1
12	5G3696	HOSE ASSEM.-----	1
13	5G3699	HOSE ASSEM. ---41 cm(16.15 in.)	1
14	3G2887	VALVE GROUP----- (Separate Illustration)	1
15	S1590	BOLT-----	2

16	1D4717	NUT-----	5
17	5G3697	SUPPORT-----	1
18	5G3698	ROD-----	1
19	9K6764	KNOB-----	1
20	1B4203	NUT-----	1
21	S1594	BOLT-----	2
	5M2894	WASHER-----	2

* 237766

5G3692 SIDESHIFT LOCK LINES AND VALVE GROUP
 Part of 5G3690 Backhoe Arrangement listed on Page 170B
 3G2887 Valve parts are shown on Page 133B



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3G 779	OUTLET SECTION ASSEM.----- (Includes)	1
2	9S 4183	PLUG-----	1
	3D 2824	SEAL-----	1
3	3G 778	VALVE GROUP--(R. H. - stabilizer)	1
4	3G 777	VALVE GROUP--(boom)	1
5	9J 798	VALVE GROUP--(pressure relief)	3
6	3G 778	VALVE GROUP--(bucket)	1
7	1U 4630	VALVE GROUP--(swing)	1
8	1U 2724	VALVE GROUP--(pressure relief)	2
9	9J 797	VALVE GROUP--(pressure relief)	1
10	3G 777	VALVE GOUP--(stick)	1
11	3G 778	VALVE GROUP--(L. H. stabilizer)-- (Separate Illustration)	1
	9J 709	PLUG ASSEM.----- (Includes)	1
12	3D 2824	SEAL----- (large)	1
	9J 1272	RING-----	1
	4J 5309	SEAL----- (small)	1
13	9S 4181	PLUG-----	1
	7M 8485	SEAL-----	1
14	2H 4145	SEAL-----	1
	3G 781	ROD-----	1
15	1B 4205	NUT-----	2
	3G 283	ROD-----	2
16	1B 4204	NUT-----	4
17	9J 720	HOUSING-----	1
	SMHS 7181	FORM----- (Installing Valve Group)	1

234971

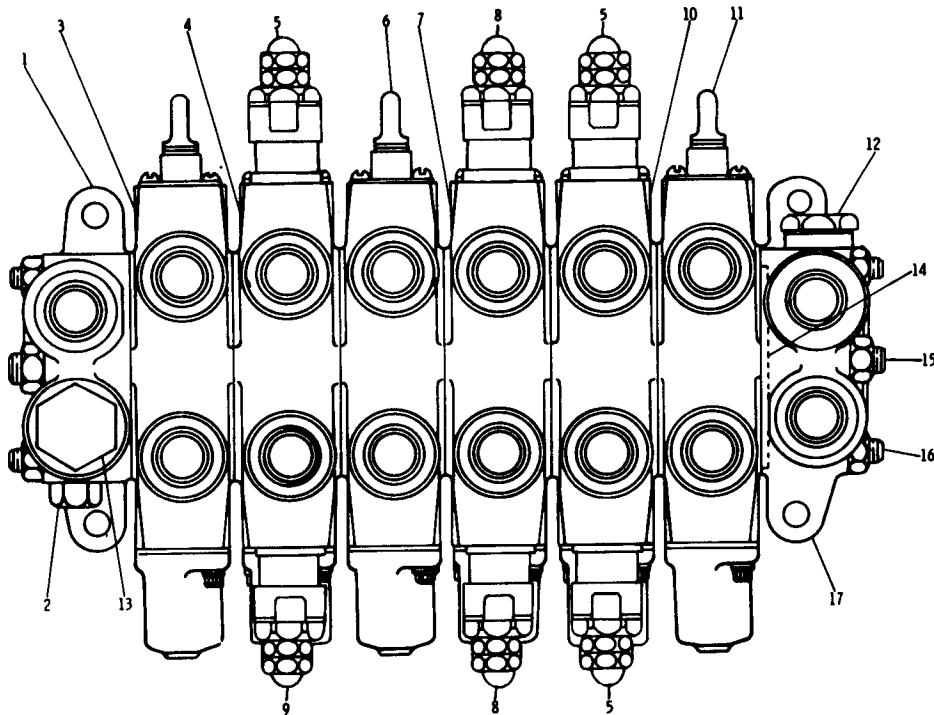
1U2576 BANK VALVE GROUP

Part of 5G2582 Valve and Lines Group shown on Page 132A

9J798, 3G777, 3G778, 1U4630, 1U2724 and 9J797 Valve parts are shown on Pages 77, 134, 134A, 136 and 136A

3G5634 BANK VALVE GROUP

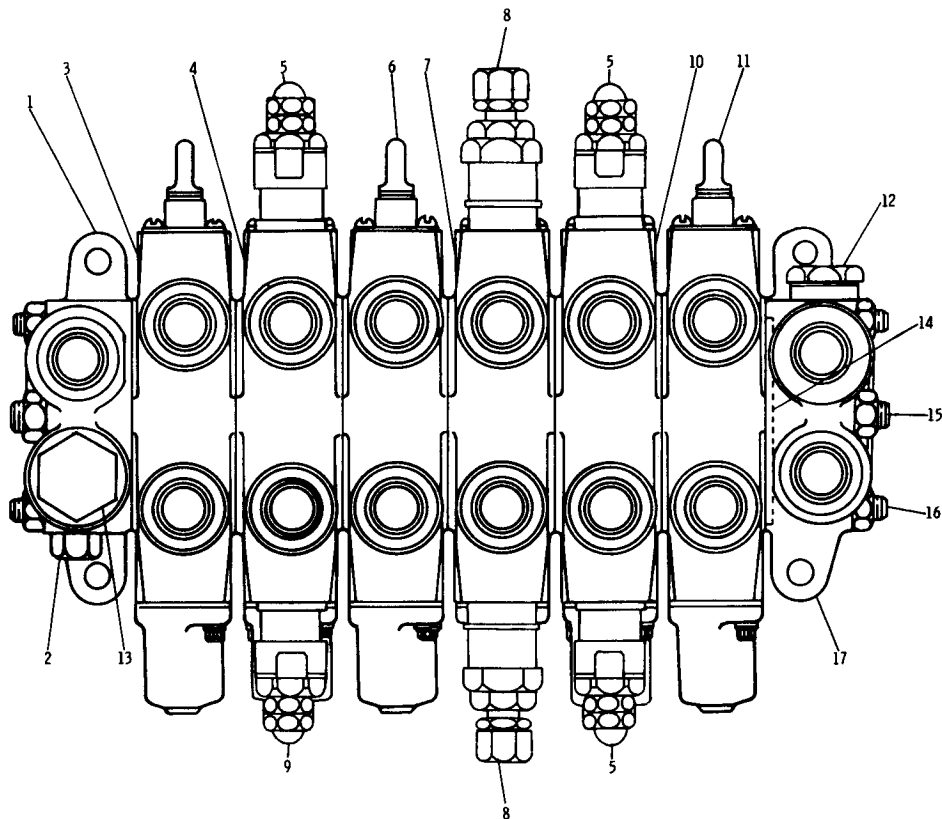
Part of 6S9331 Control Valve and Lines Group shown on Page 132
 9J798, 3G777, 3G778, 3G5635, 9J796 and 9J797 Valve parts are shown on Pages 77, 134, 135 and 136



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3G779	OUTLET SECTION ASSEM. ----- (Includes)	1
2	9S4183	PLUG-----	1
	3D2824	SEAL-----	1
3	3G778	VALVE GROUP--(R. H. - stabilizer)	1
4	3G777	VALVE GROUP----(boom)-----	1
5	9J798	VALVE GROUP--(pressure relief)--	3
6	3G778	VALVE GROUP----(bucket)-----	1
7	3G5635	VALVE GROUP----(swing)-----	1
8	9J796	VALVE GROUP--(pressure relief)--	2
9	9J797	VALVE GROUP--(pressure relief)--	1
10	3G777	VALVE GOUP----(stick)-----	1
11	3G778	VALVE GROUP--(L. H. stabilizer)-- (Separate Illustration)	1
	9J709	PLUG ASSEM. ----- (Includes)	1
12	3D2824	SEAL----- (large)-----	1
	9J1272	RING-----	1
	4J5309	SEAL----- (small)-----	1
13	9S4181	PLUG-----	1
	7M8485	SEAL-----	1
14	2H4145	SEAL-----	1
	3G781	ROD-----	1
15	1B4205	NUT-----	2
	3G283	ROD-----	2
16	1B4204	NUT-----	4
17	9J720	HOUSING-----	1
	SMHS7181	FORM----- (Installing Valve Group)	1

C INDICATES CHANGE

169292



REF NO.	PART NUMBER	DESCRIPTION	QTY
1	3G779	OUTLET SECTION ASSEM. ----- (Includes)	1
2	9S4183	PLUG-----	1
	3D2824	SEAL-----	1
3	3G778	VALVE GROUP--(R. H. - stabilizer)	1
4	3G777	VALVE GROUP--(boom)-----	1
5	9J798	VALVE GROUP--(pressure relief)--	3
6	3G778	VALVE GROUP--(bucket)-----	1
7	1U4630	VALVE GROUP--(swing)-----	1
8	4T2591	VALVE GROUP--(pressure relief)--	2
9	9J797	VALVE GROUP--(pressure relief)--	1
10	3G777	VALVE GOUP--(stick)-----	1
11	3G778	VALVE GROUP--(L. H. stabilizer)-- (Separate Illustration)	1
12	9J709	PLUG ASSEM. ----- (Includes)	1
	3D2824	SEAL--(large)-----	1
13	9J1272	RING-----	1
	4J5309	SEAL----- (small)-----	1
14	9S4181	PLUG-----	1
	7M8485	SEAL-----	1
15	2H4145	SEAL-----	1
	3G781	ROD-----	1
16	1B4205	NUT-----	2
	3G283	ROD-----	2
17	1B4204	NUT-----	4
	9J720	HOUSING-----	1
SMHS7181	FORM----- (Installing Valve Group)	1	

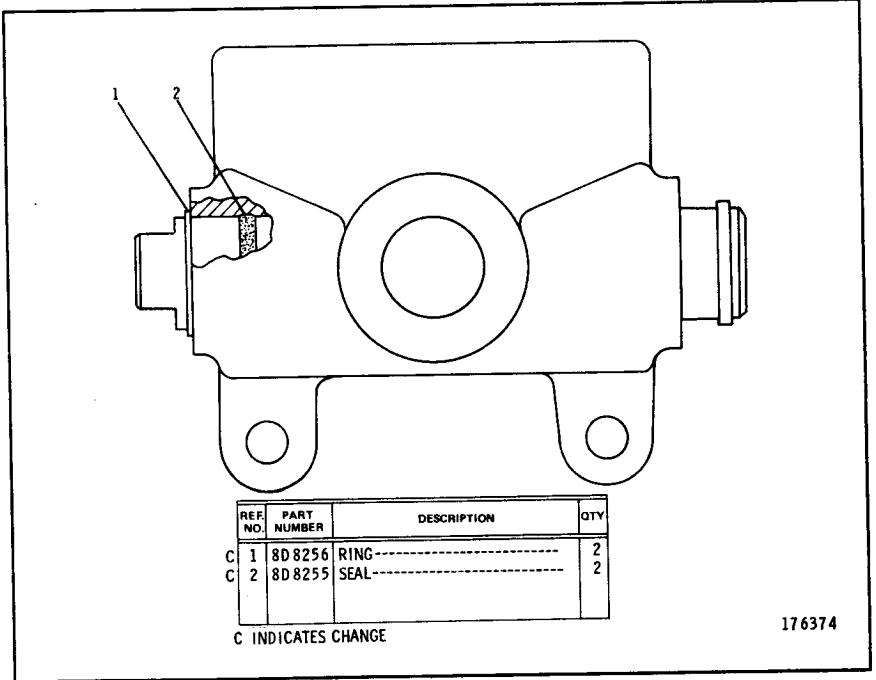
C INDICATES CHANGE

300574

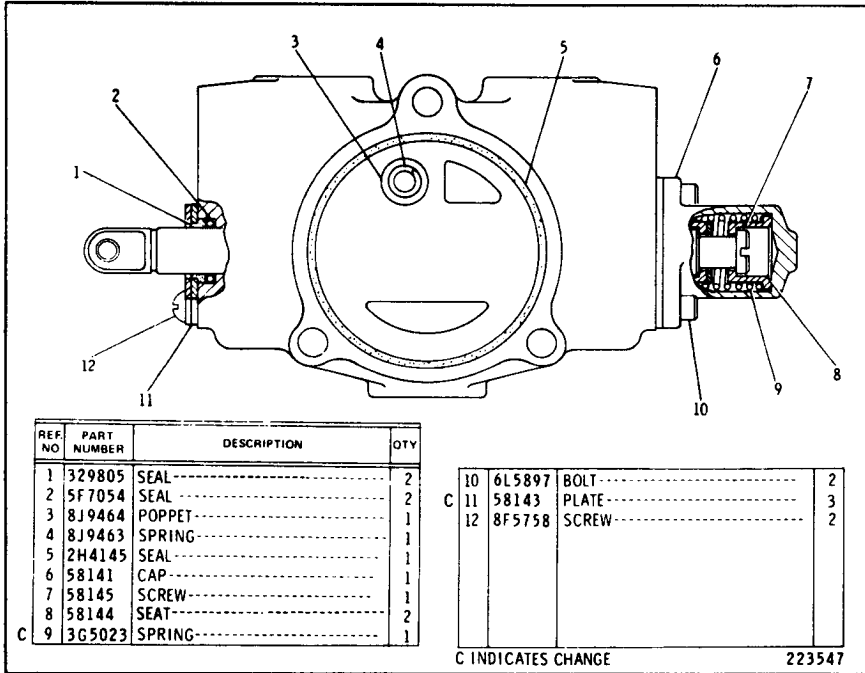
1U2576 VALVE GROUP

Part of 5G2582 & 5G3687 Valve and Lines Group shown on Pages 132 and 132A

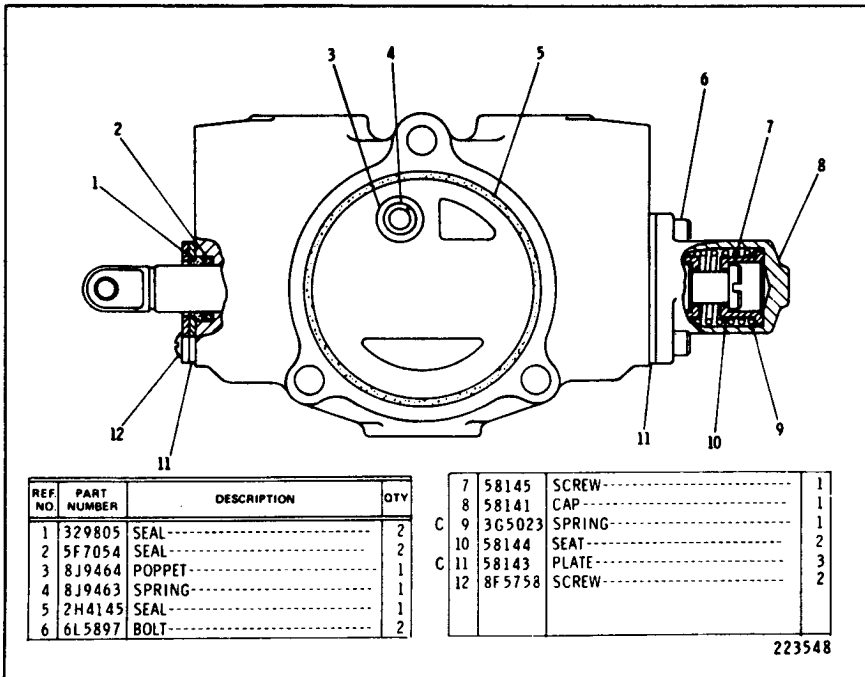
9J798, 3G777, 3G778, 1U4630, 4T2591 and 9J797 Valve parts are shown on Pages 77, 134, 134A, 136 and 136A



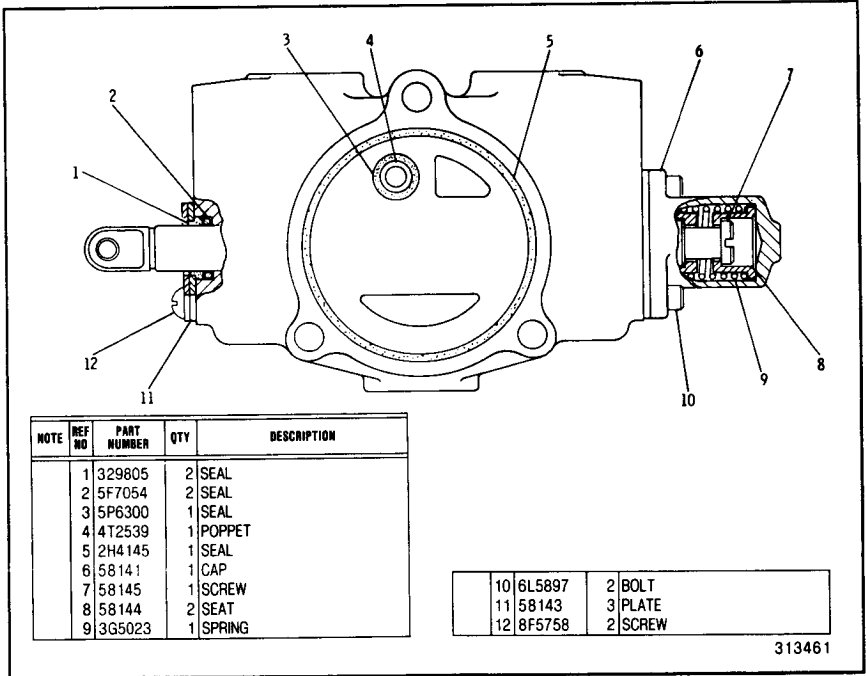
3G2887 DIVERTER VALVE GROUP
 Part of 5G3692 Sideshift Lock Lines and Valve Group shown on Page 132A-2



3G777 CONTROL VALVE GROUP—Boom
 Part of 1U2576 and 3G5634 Valve Groups shown on Pages 132B and 133



3G778 CONTROL VALVE GROUP—Bucket & Stabilizers
 Part of 1U2576 and 3G5634 Valve Groups shown on Pages 132B and 133

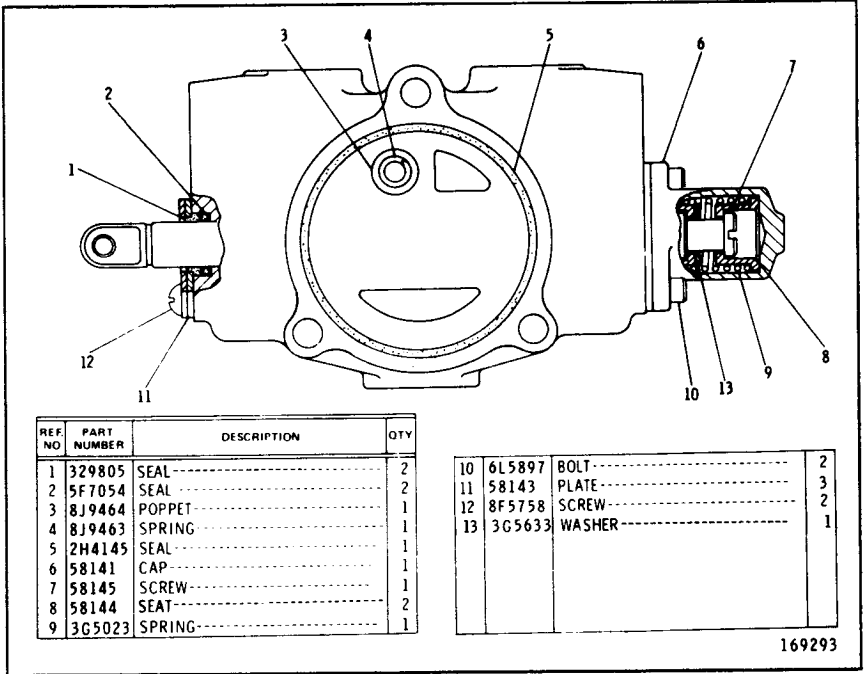


NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	329805	2	SEAL
	2	5F7054	2	SEAL
	3	5P6300	1	SEAL
	4	4T2539	1	POPPET
	5	2H4145	1	SEAL
	6	58141	1	CAP
	7	58145	1	SCREW
	8	58144	2	SEAT
	9	3G5023	1	SPRING

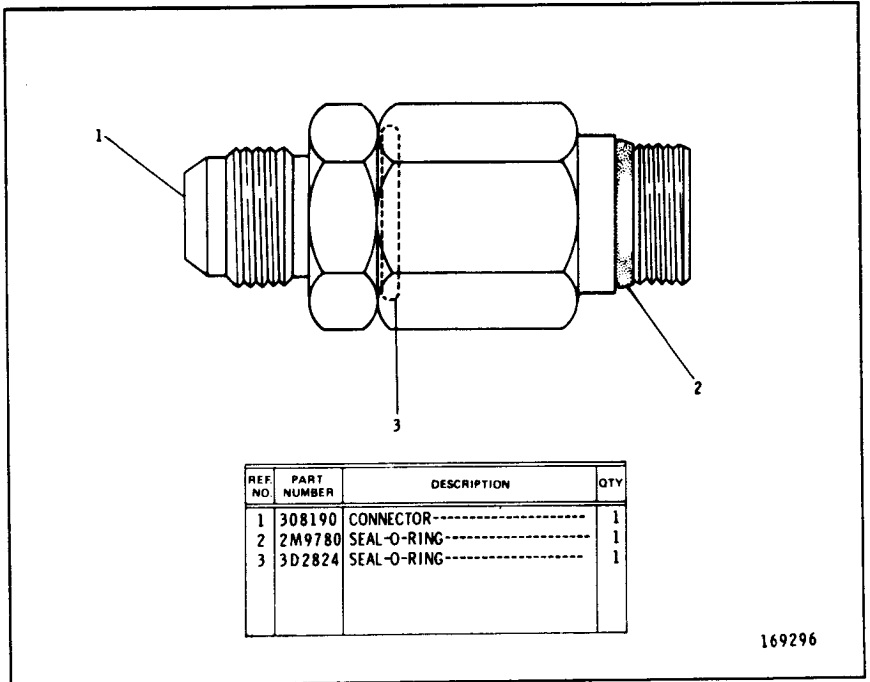
10	6L5897	2	BOLT
11	58143	3	PLATE
12	8F5758	2	SCREW

313461

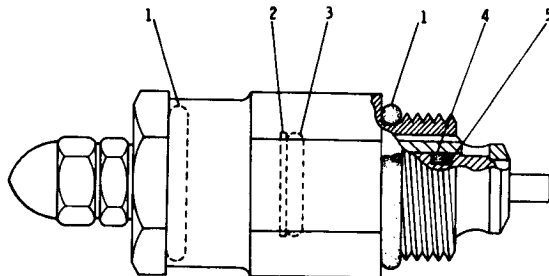
1U4630 CONTROL VALVE GROUP—Swing
 Part of 1U2576 Bank Valve Group shown on Page 132B



3G5635 CONTROL VALVE GROUP—Swing
 Part of 3G5634 Valve Group shown on Page 133



6S9822 CONTROL VALVE GROUP
 Part of 6S6945, 5G2612 and 6S9401 Boom Cylinder Lines Groups shown on
 Pages 158, 158A and 159

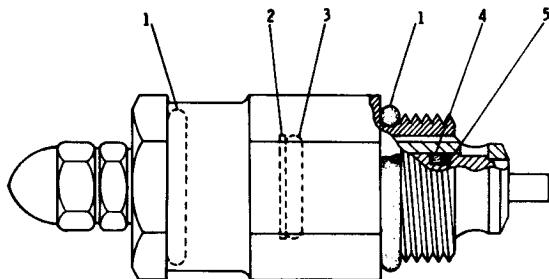


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3D2824	SEAL-----	2
2	9J707	RING-----	1
3	6F4855	SEAL-----	1

4	1H1023	SEAL-----	1
5	300167	RING-----	1

118954

9J796 RELIEF VALVE GROUP—Pilot Operated
Part of 3G5634 Valve Group shown on Page 133

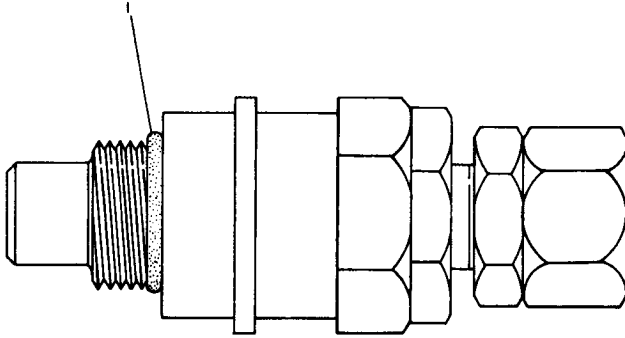


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3D2824	SEAL-----	2
2	9J707	RING-----	1
3	6F4855	SEAL-----	1

4	1H1023	SEAL-----	1
5	300167	RING-----	1

118954

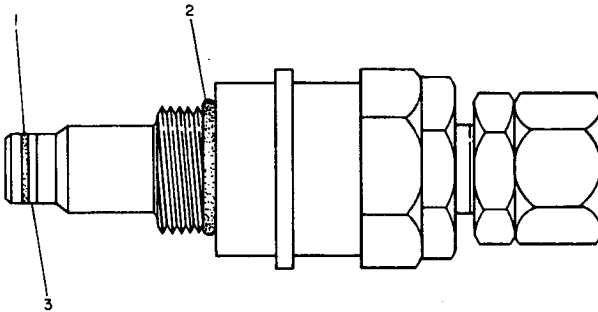
9J797 RELIEF VALVE GROUP—Pilot Operated
Part of 1U2576 and 3G5634 Valve Groups shown on Pages 132B and 133



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	3D2824	SEAL-----	2

234972

1U2724 RELIEF VALVE GROUP—Pilot Operated
Part of 1U2576 Bank Valve Group shown on Page 132B

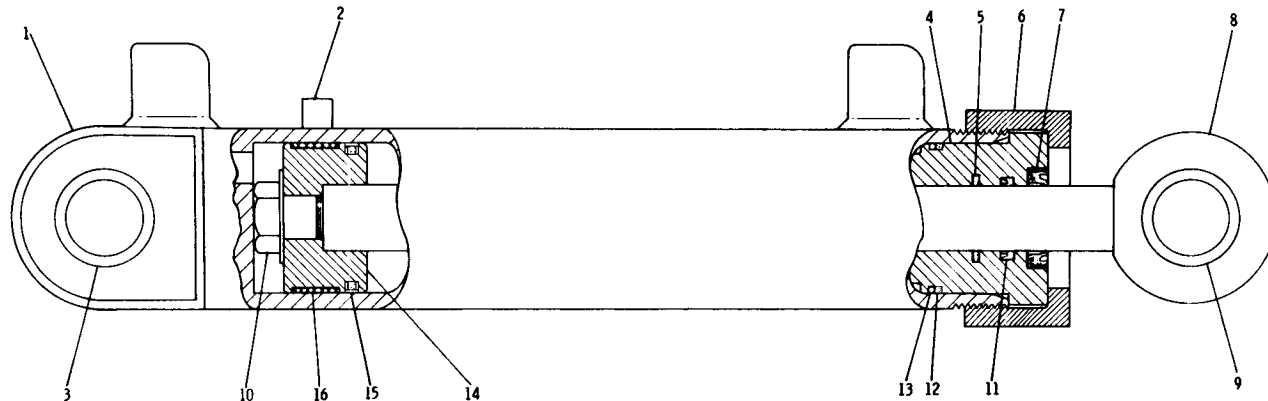


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	335879	SEAL-----	1
2	3D2824	SEAL-----	2
3	9J705	RING-----	1

300558

4T2591 RELIEF VALVE GROUP—Pilot Operated
Part of 1U2576 Bank Valve Group shown on Page 132B

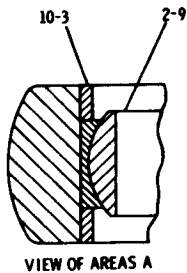
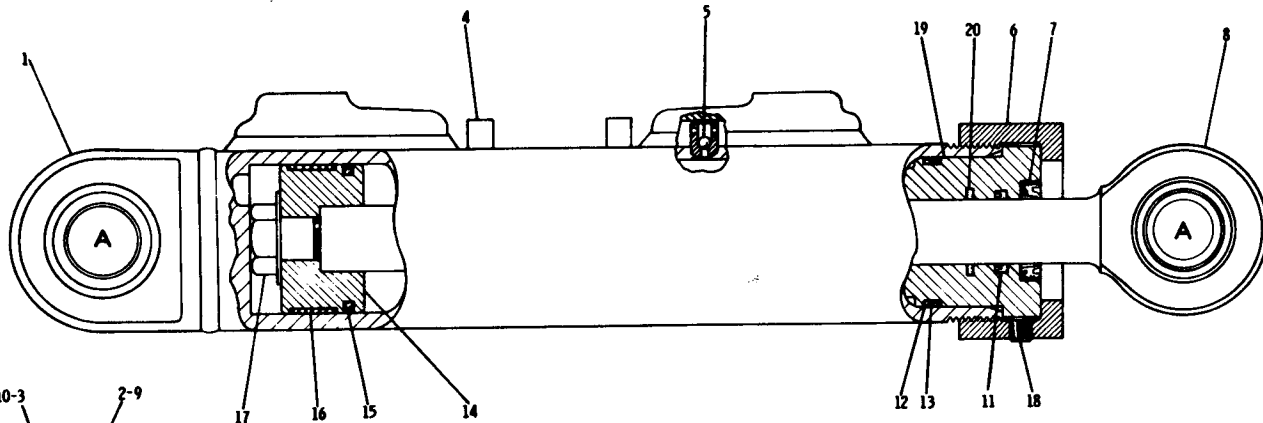
7J9223 LIFT CYLINDER GROUP—88.9 mm (3.50") Bore x 352 mm (13.85") Stroke—2 Required
 Part of 3G9290 Bulldozer Arrangement listed on Page 166. AN ATTACHMENT



NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	7J9222	1	CYLINDER AS.
	2	8F9836	1	LUG
	3	8J4504	1	BEARING
	4	7J9888	1	HEAD
	5	6J9733	1	SEAL
	6	7J9887	8	CROWN
	7	4J8979	1	SEAL
	8	7J9227	1	ROD AS.
	9	8J4504	1	BEARING

10	7J5639	1	BOLT
	8J7415	1	WASHER
11	5J8150	1	SEAL
12	2H3931	1	SEAL
13	4J9224	1	RING
14	7J9886	1	PISTON
15	5J7013	1	SEAL AS.
16	7J9885	1	RING

313070



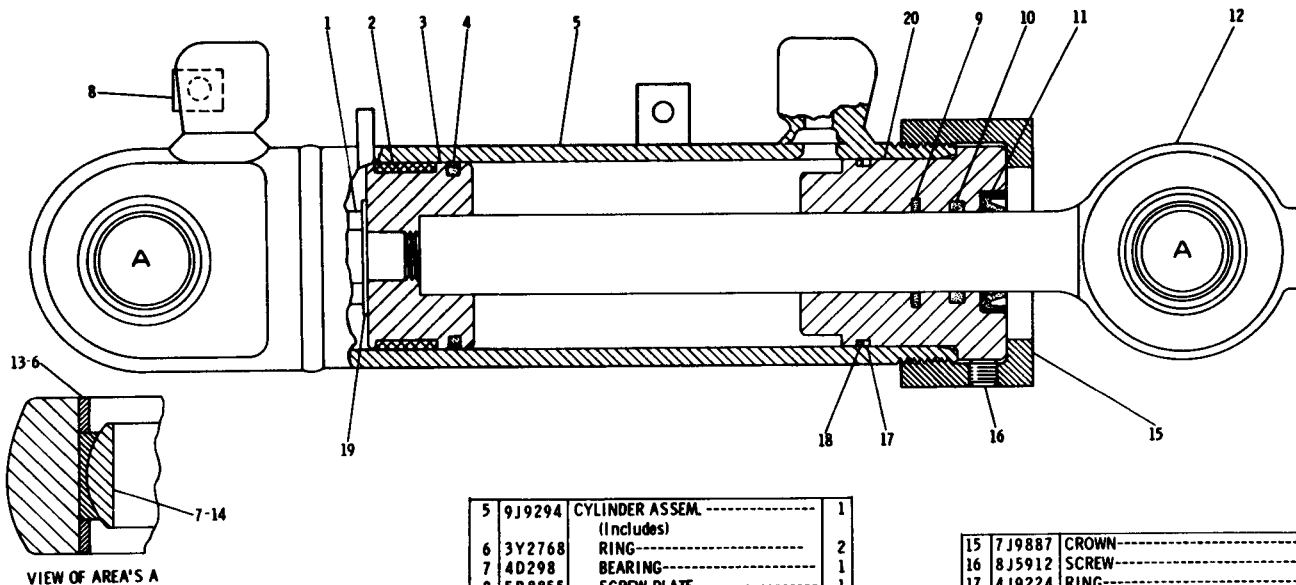
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9J8760	CYLINDER ASSEM. ----- (Includes)	1
2	4D298	BEARING-----	1
3	3Y2768	RING-----	2
4	3S5275	BOSS-----	2
5	2D6642	BALL-----	2
6	7J9887	CROWN-----	1
7	4J8979	SEAL-----	1
8	9J9820	ROD ASSEM. ----- (Includes)	1
9	9J9812	BEARING-----	1
10	9J9818	RING-----	2

11	5J8150	SEAL-----	1
12	2H3931	SEAL-----	1
13	4J9224	RING-----	1
14	7J9886	PISTON-----	1
15	5J7013	SEAL ASSEM.-----	1
16	7J9885	RING-----	1
17	7J5639	BOLT-----	1
17	3K5234	WASHER-----	1
18	8J5912	SCREW-----	1
19	7J9888	HEAD-----	1
20	6J9733	SEAL-----	1

161471

9J8698 ANGLING CYLINDER GROUP—88.9 mm (3.50") Bore x 352 mm (13.85") Stroke—2 Required
Part of 3G9290 Bulldozer Arrangement listed on Page 166. AN ATTACHMENT

9J8674 TILT CYLINDER GROUP—88.9 mm (3.50") Bore x 152 mm (6") Stroke
 Part of 8J1188 Angle and Tilt Bulldozer Arrangement listed on Page 166

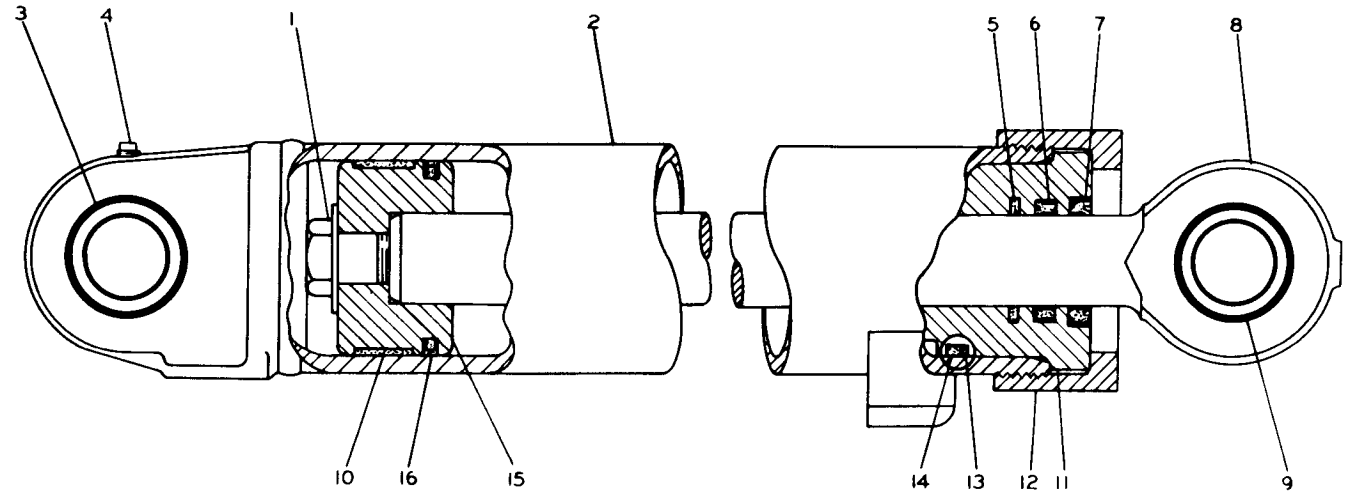


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	7J5639	BOLT-----	1
2	7J9885	RING-----	1
3	7J9886	PISTON-----	1
4	5J7013	SEAL ASSEM.-----	1

5	9J9294	CYLINDER ASSEM.-----	1
		(Includes)	
6	3Y2768	RING-----	2
7	4D298	BEARING-----	1
8	5B8855	SCREW PLATE-----	1
9	6J9733	SEAL-----	1
10	5J8150	SEAL-----	1
11	4J8979	SEAL-----	1
12	8J90	ROD ASSEM.-----	1
		(Includes)	
13	3Y2768	RING-----	2
14	4D298	BEARING-----	1

15	7J9887	CROWN-----	1
16	8J5912	SCREW-----	1
17	4J9224	RING-----	1
18	2H3931	SEAL-----	1
19	8J7415	WASHER-----	1
20	7J9888	HEAD-----	1

157080



NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	7J5639	1	BOLT
		8J7415	1	WASHER
	2	7J9765	1	CYLINDER ASSEM.
	3	2K227	1	BUSHING
	4	2P1304	1	PLUG
	5	6J6917	1	SEAL

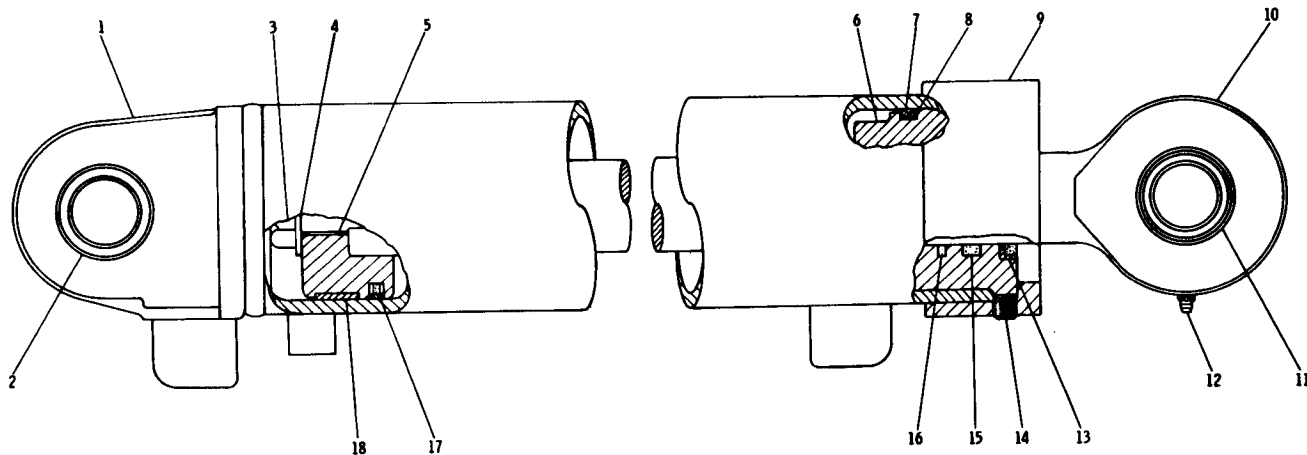
6	5J8200	1	SEAL
7	1K6981	1	SEAL
8	7J9917	1	ROD ASSEM.
9	2K227	1	BUSHING
10	6J2797	1	RING
11	7J6462	1	HEAD
12	7J6461	1	CROWN
13	2K6830	1	RING

14	1H8128	1	SEAL
15	7J6469	1	PISTON
16	5J5402	1	SEAL ASSEM.
	5J5400	1	SEAL

309002

7J9920 RIPPER CYLINDER GROUP—101.6 mm (4") Bore x 203 mm (8") Stroke
 Part of 9J9005 Ripper Arrangement listed on Page 189. AN ATTACHMENT

8J5448 STICK CYLINDER GROUP—101.6 mm (4") Bore x 833 mm (32.50") Stroke
 Part of 6S4538 and 6S9400 Backhoe Arrangements listed on Pages 170 and 171



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8J5444	CYLINDER ASSEM.-----	1
2	6S7075	BEARING-----	1
3	7J5639	BOLT-----	1
C 4	8J7415	WASHER-----	1
5	7J6469	PISTON-----	1
6	7J6462	HEAD-----	1

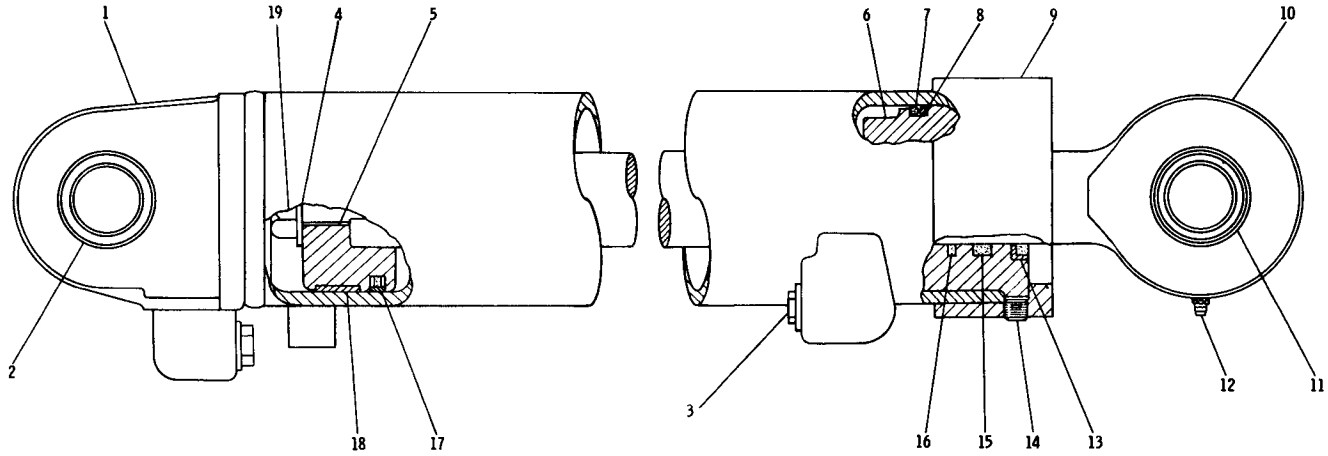
7	1H8128	SEAL-----	1
8	2K6830	RING-----	1
9	7J6461	CROWN-----	1
10	8J5447	ROD ASSEM.-----	1
11	6S7144	BUSHING-----	1
12	3B8489	FITTING-----	1
13	1K6981	SEAL-----	1
14	8J5912	SCREW-----	1

15	5J8200	SEAL-----	1
16	6J6917	SEAL-----	1
17	5J5402	SEAL ASSEM.-----	1
18	6J2797	RING-----	1

C INDICATES CHANGE

207131

3G5771 STICK CYLINDER GROUP—101.6 mm (4 in.) Bore x 863.6 mm (34 in.) Stroke
Part of 5G2150 Fixed Pivot Backhoe Arrangement listed on Page 170A

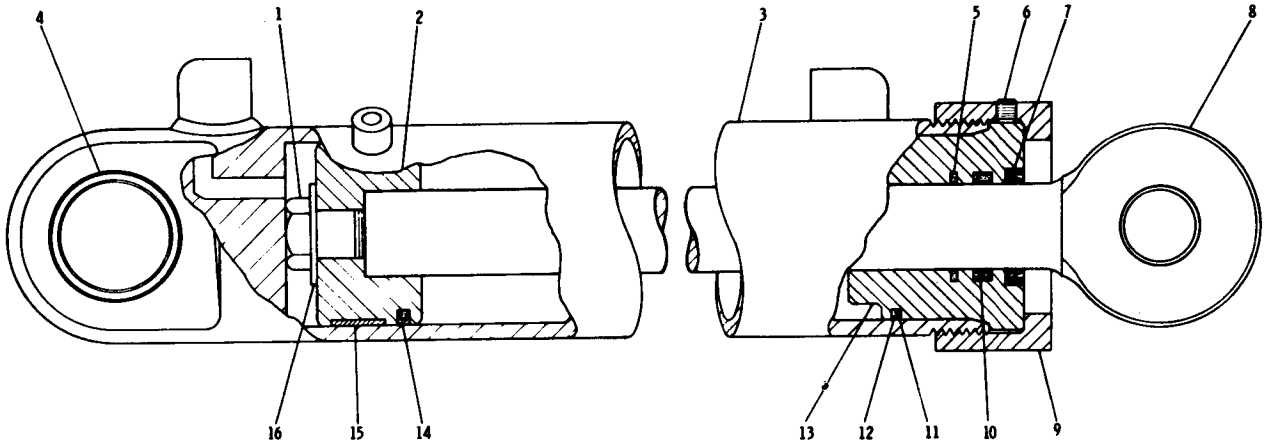


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	3G5772	CYLINDER ASSEM. -----	1
2	6S7075	BEARING-----	1
3	1P1429	PLUG-----	2
	2M9780	SEAL-----	2
4	5P8250	WASHER-----	1
5	7J6469	PISTON-----	1

6	7J6462	HEAD-----	1
7	1H8128	SEAL -----	1
8	2K6830	RING-----	1
9	7J6461	CROWN-----	1
10	3G5773	ROD ASSEM.-----	1
11	6S7144	BUSHING-----	1
12	3B8489	FITTING-----	1
13	1K6981	SEAL-----	1

14	8J5912	SCREW-----	1
15	5J8200	SEAL-----	1
16	6J6917	SEAL-----	1
17	5J5402	SEAL ASSEM.-----	1
18	6J2797	RING-----	1
19	7J5639	BOLT-----	1

234960



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	7J8287	BOLT-----	1
2	8J5549	PISTON-----	1
3	8J5554	CYLINDER ASSEM.-----	1
4	6S7091	BEARING-----	1
C 5	5J3616	SEAL-----	1

6	8J5912	SCREW-----	1
C 7	4J3515	SEAL-----	1
C 8	3Y4053	ROD-----	1
9	8J5550	CROWN-----	1
C 10	5J8225	SEAL-----	1
11	1K7095	RING-----	1
12	2H3928	SEAL-----	1

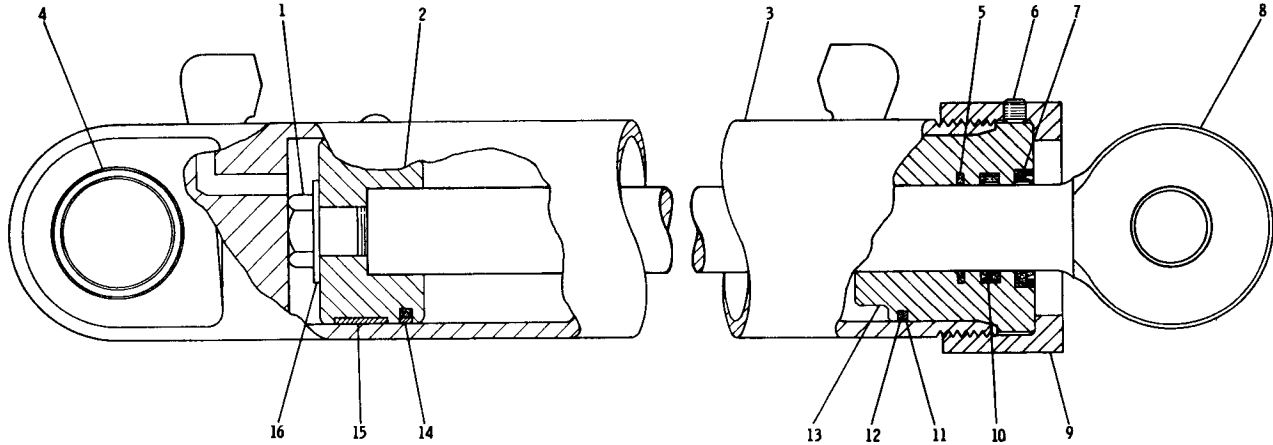
13	8J5551	HEAD-----	1
14	5J4986	SEAL ASSEM.-----	1
15	4J3745	RING-----	1
16	8J4359	WASHER-----	1

C INDICATES CHANGE

221356

8J5555 BOOM CYLINDER GROUP—114.3 mm (4.50") Bore x 826 mm (32.50") Stroke
 Part of 6S4538 and 6S9400 Backhoe Arrangements listed on Pages 170 and 171

3G5767 BOOM CYLINDER GROUP—114.3 mm (4.5 in.) Bore x 868.7 mm (34.2 in.) Stroke
Part of 5G2150 Fixed Pivot Backhoe Arrangement listed on Page 170A

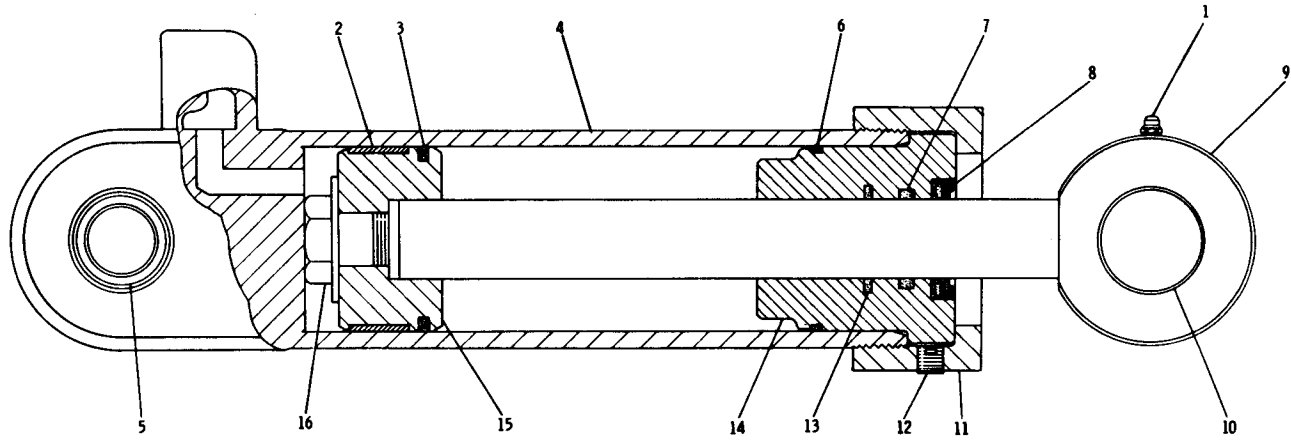


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5P1839	BOLT-----	1
2	8J5549	PISTON-----	1
3	3G5768	CYLINDER ASSEM. ----- (Includes)	1
4	6S7091	BEARING-----	1
5	5J3616	SEAL-----	1

6	8J5912	SCREW-----	1
7	4J3515	SEAL-----	1
8	3G5769	ROD-----	1
9	8J5550	CROWN-----	1
10	5J8225	SEAL-----	1
11	1K7095	RING-----	1
12	2H3928	SEAL-----	1

13	8J5551	HEAD-----	1
14	5J4986	SEAL ASSEM. -----	1
15	4J3745	RING-----	1
16	4K684	WASHER-----	1

234961



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3B8489	FITTING-----	1
2	7J9885	RING-----	1
3	5J7013	SEAL ASSEM.-----	1
4	3G5904	CYLINDER ASSEM.-----	1
5	6S7075	BEARING-----	1
6	2H3931	SEAL-----	1
	4J9224	RING-----	1

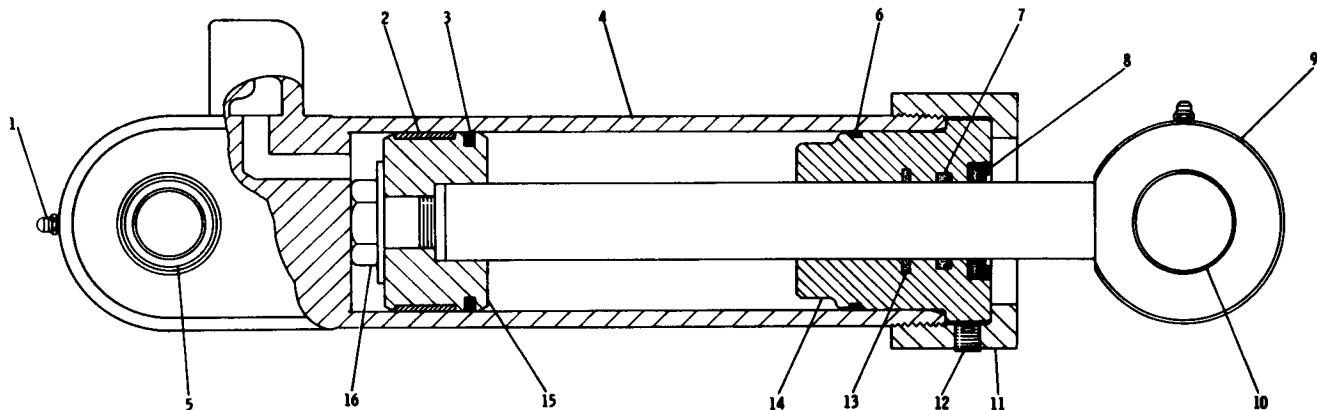
7	5J8225	SEAL-----	1
8	4J3515	SEAL-----	1
9	3G5902	ROD ASSEM.-----	1
10	6S7144	BEARING-----	1
11	7J9887	CROWN-----	1
12	8J5912	SCREW-----	1
13	5J3616	SEAL-----	1

14	8J5637	HEAD-----	1
15	8J5635	PISTON-----	1
	7J5639	BOLT-----	1
16	5P8250	WASHER-----	1

234959

3G5905 BUCKET CYLINDER GROUP—88.9 mm (3.5 in.) Bore x 746.8 mm (29.4 in.) Stroke
Part of 5G2150 Fixed Pivot Backhoe Arrangement listed on Page 170A

8J5642 BUCKET CYLINDER GROUP—88.9 mm (3.50") Bore x 686 mm (27") Stroke
 Part of 6S4538 and 6S9400 Backhoe Arrangements listed on Pages 170 and 171

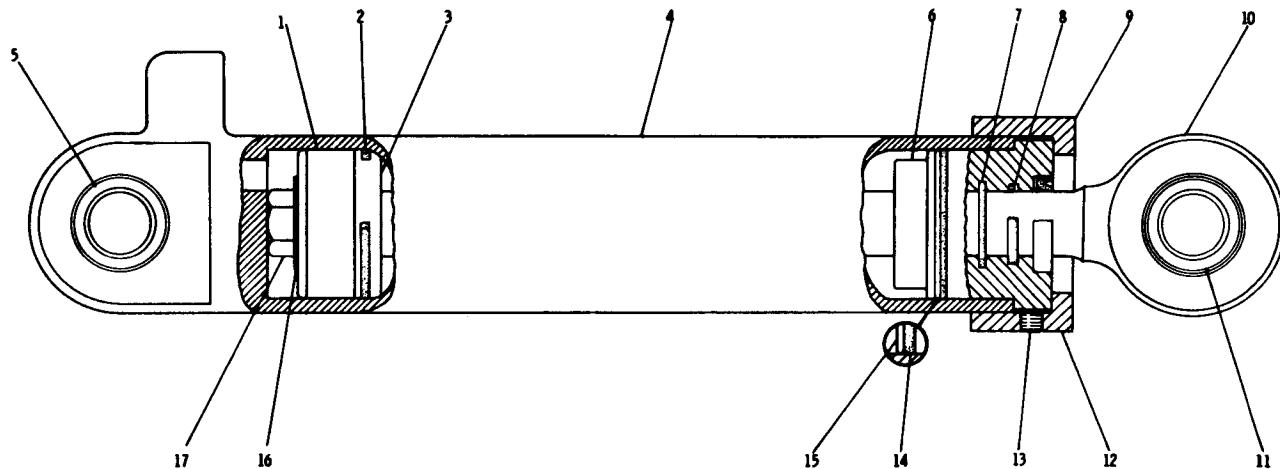


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3B8489	FITTING-----	2
2	7J9885	RING-----	1
3	5J7013	SEAL ASSEM.-----	1
4	8J5641	CYLINDER ASSEM.-----	1
5	6S7075	BEARING-----	1
6	2H3931	SEAL-----	1
6	4J9224	RING-----	1

7	5J8225	SEAL-----	1
8	4J3515	SEAL-----	1
9	8J5640	ROD ASSEM.-----	1
10	6S7144	BEARING-----	1
11	7J9887	CROWN-----	1
12	8J5912	SCREW-----	1
13	5J3616	SEAL-----	1

14	8J5637	HEAD-----	1
15	8J5635	PISTON-----	1
16	7J5639	BOLT-----	1
16	3K9424	WASHER-----	1

118422



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6J2797	RING	1
2	5J5402	SEAL ASSEM.	1
3	7J6469	PISTON	1
4	8J6905	CYLINDER ASSEM.	1
	8F9836	LUG	1
5	8J4504	BEARING	1

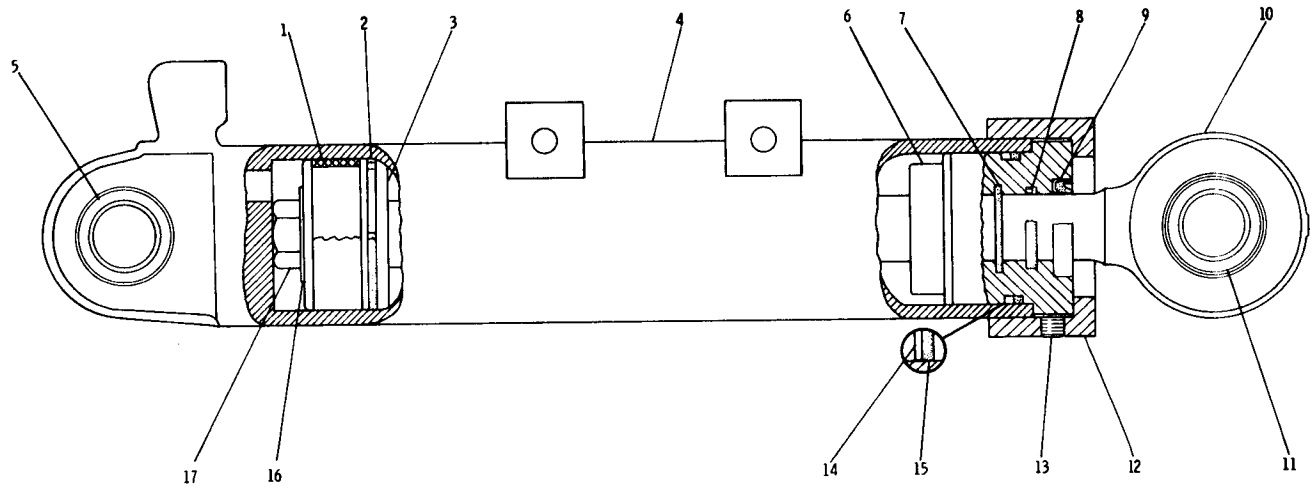
6	7J6462	HEAD	1
7	6J6917	SEAL	1
8	5J8200	SEAL	1
9	1K6981	SEAL	1
10	8J6907	ROD ASSEM.	1
11	8J4504	BEARING	1
12	7J6461	CROWN	1
13	8J5912	SCREW	1

14	1H8128	SEAL	1
15	2K6830	RING	1
16	8J7415	WASHER	1
17	7J5639	BOLT	1

118423

8J6903 STABILIZER CYLINDER GROUP—L.H.—101.6 mm (4") Bore x 451 mm (17.75") Stroke
Part of 6S4538 Backhoe Arrangement listed on Page 170

1U2656 STABILIZER CYLINDER GROUP—L.H.—101.6 mm (4 in.) Bore x 450.4 mm (17.73 in.) Stroke
Part of 5G2150 Fixed Pivot Backhoe Arrangement listed on Page 170A

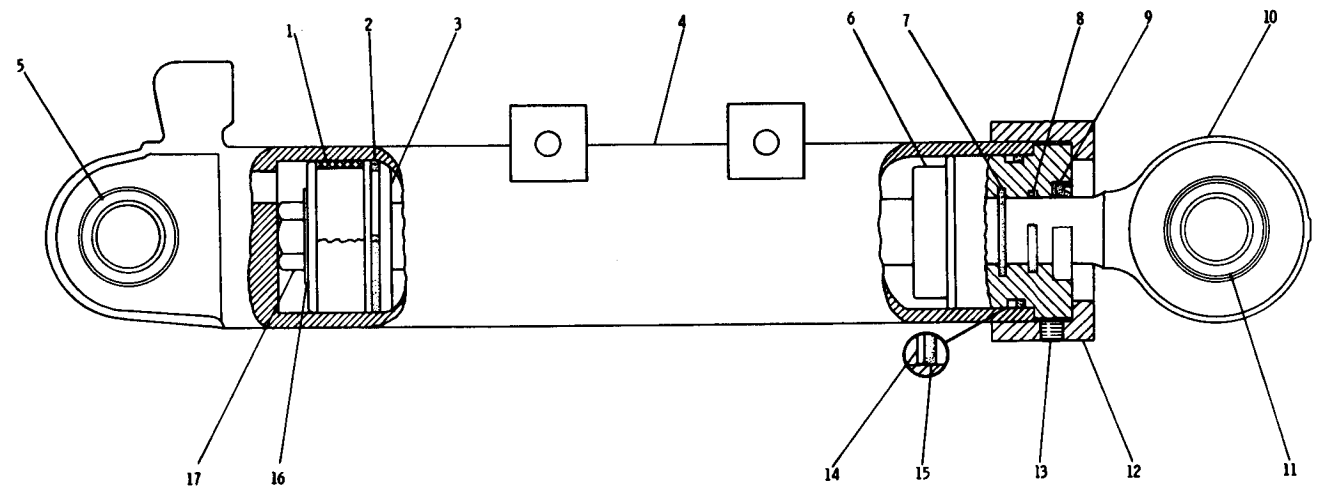


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	6J2797	RING-----	1
2	+5J5402	SEAL ASSEM.-----	1
3	7J6469	PISTON-----	1
4	1U2654	CYLINDER ASSEM.-----	1
5	8J4504	BEARING-----	1

6	7J6462	HEAD-----	1
7	6J6917	SEAL-----	1
8	5J8200	SEAL-----	1
9	1K6981	SEAL-----	1
10	8J6907	ROD ASSEM.-----	1
11	8J4504	BEARING-----	1
12	7J6461	CROWN-----	1
13	8J5912	SCREW-----	1

14	1H8128	SEAL-----	1
15	2K6830	RING-----	1
16	5P8250	WASHER-----	1
17	7J5639	BOLT-----	1

234985



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	6J2797	RING-----	1
2	5J5402	SEAL ASSEM.-----	1
3	7J6469	PISTON-----	1
4	1U2653	CYLINDER ASSEM.-----	1
5	8J4504	BEARING-----	1

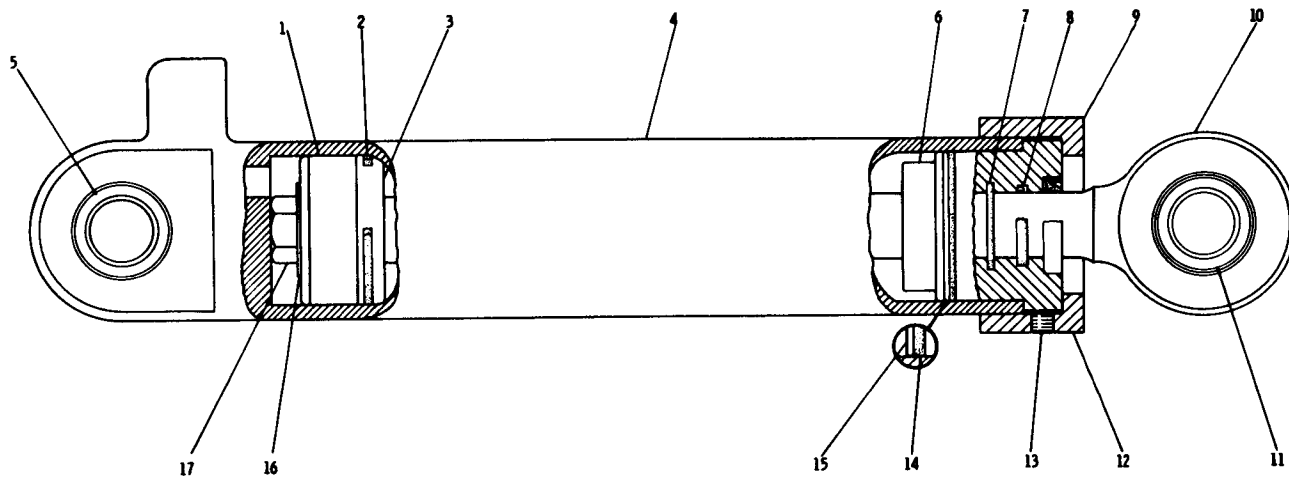
6	7J6462	HEAD-----	1
7	6J6917	SEAL-----	1
8	5J8200	SEAL-----	1
9	1K6981	SEAL-----	1
10	8J6907	ROD ASSEM.-----	1
11	8J4504	BEARING-----	1
12	7J6461	CROWN-----	1
13	8J5912	SCREW-----	1

14	1H8128	SEAL-----	1
15	2K6830	RING-----	1
16	5P8250	WASHER-----	1
17	7J5639	BOLT-----	1

234984

1U2655 STABILIZER CYLINDER GROUP—R.H.—101.6 mm (4 in.) Bore x 450.4 mm (17.73 in.) Stroke
 Part of 5G2150 Fixed Pivot Backhoe Arrangement listed on Page 170A

8J6904 STABILIZER CYLINDER GROUP—R.H.—101.6 mm (4") Bore x 451 mm (17.75") Stroke
 Part of 6S4538 Backhoe Arrangement listed on Page 170

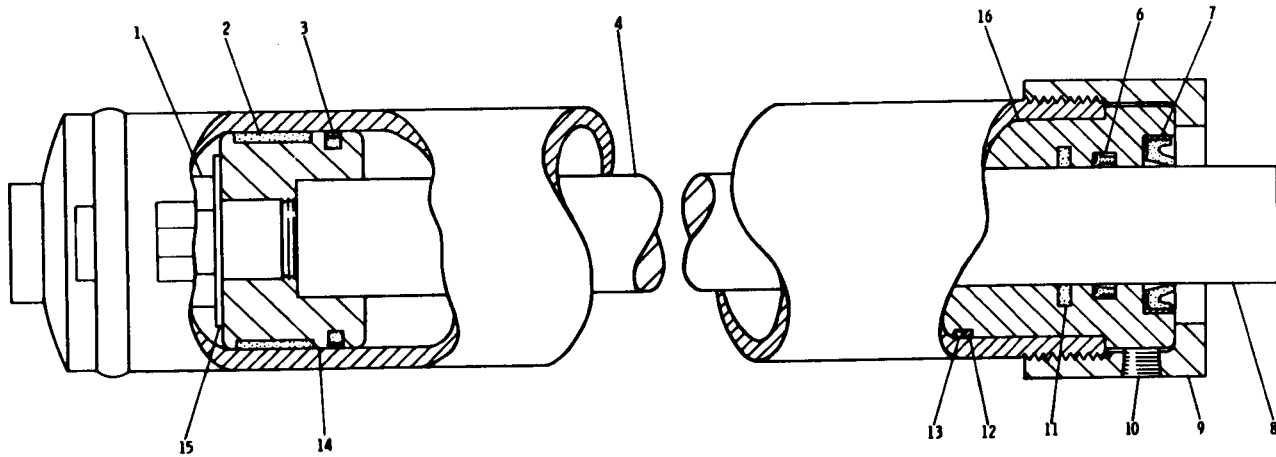


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6J2797	RING-----	1
2	5J5402	SEAL ASSEM.-----	1
3	7J6469	PISTON-----	1
4	8J6906	CYLINDER ASSEM.-----	1
	8F9836	LUG-----	1
5	8J4504	BEARING-----	1

6	7J6462	HEAD-----	1
7	6J6917	SEAL-----	1
8	5J8200	SEAL-----	1
9	1K6981	SEAL-----	1
10	8J6907	ROD ASSEM.-----	1
11	8J4504	BEARING-----	1
12	7J6461	CROWN-----	1
13	8J5912	SCREW-----	1

14	1H8128	SEAL-----	1
15	2K6830	RING-----	1
16	8J7415	WASHER-----	1
17	7J5639	BOLT-----	1

11024



REF NO	PART NUMBER	DESCRIPTION	QTY
1	7J5639	BOLT-----	1
2	7J9885	RING-----	1
3	5J7013	SEAL ASSEM-----	1
4	8J9482	CYLINDER ASSEM-----	1

C 6	5J8150	SEAL-----	1
7	4J8979	SEAL-----	1
8	8J9485	ROD-----	1
9	9J486	CROWN-----	1
10	8J5912	SCREW-----	1
11	6J9733	SEAL-----	1
12	4J9224	RING-----	1

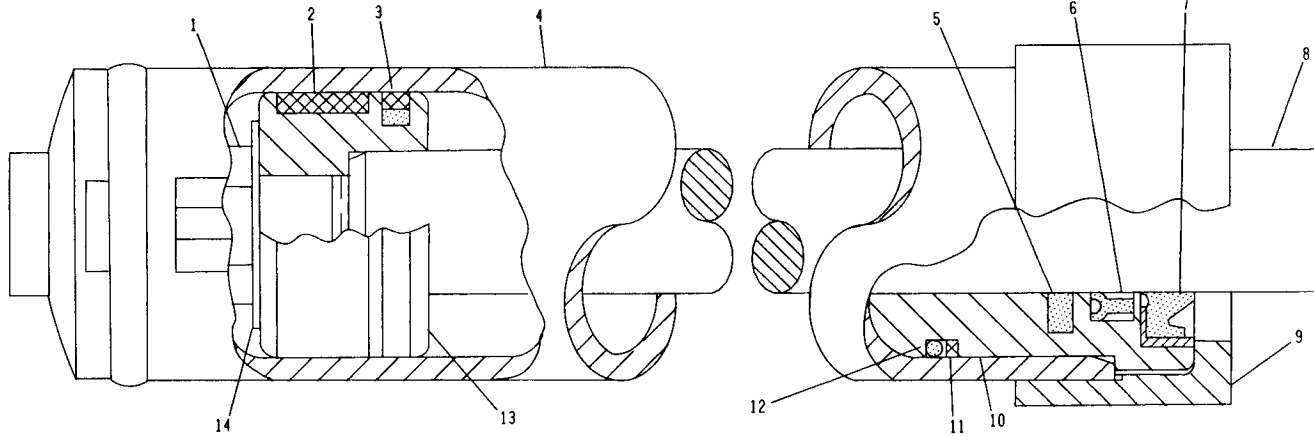
13	2H3931	SEAL-----	1
14	7J9886	PISTON-----	1
15	8J7415	WASHER-----	1
16	7J9888	HEAD-----	1

C INDICATES CHANGE

207132

8J9481 STABILIZER CYLINDER GROUP—88.9 mm (3.50") Bore x 384 mm (15.10") Stroke
Part of 6S9400 Backhoe Arrangement listed on Page 171

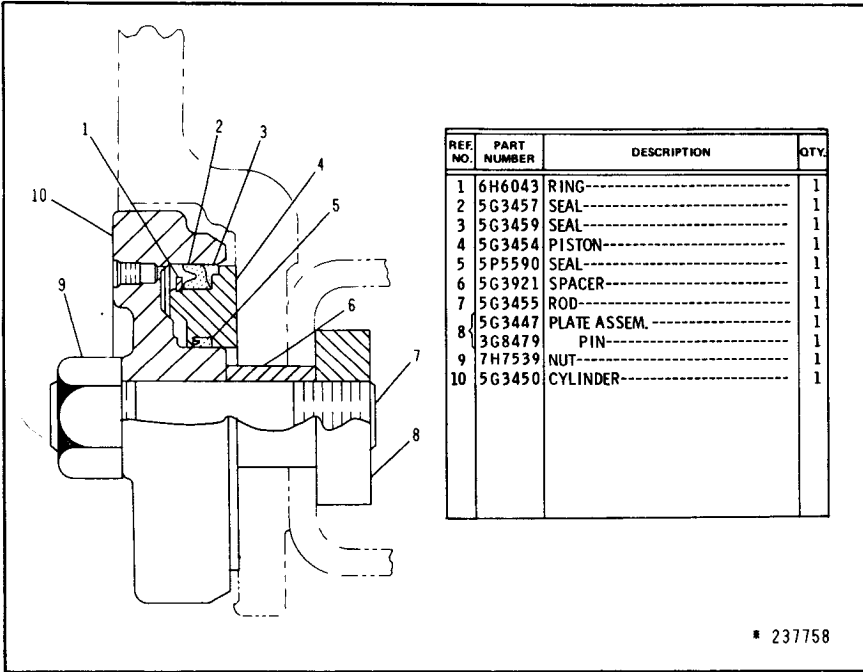
3G6792 STABILIZER CYLINDER GROUP—89 mm (3.50 in.) Bore x 521 mm (20 in.) Stroke
Part of 5G3690 Backhoe Arrangement listed on Page 170B



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	7J5639	BOLT-----	1
2	7J9885	RING-----	1
3	5J7013	SEAL ASSEM.-----	1
4	3G6791	CYLINDER ASSEM.-----	1
5	6J9733	SEAL-----	1
6	5J8150	SEAL-----	1
7	4J8979	SEAL-----	1
8	3G6789	ROD-----	1
9	9J486	CROWN-----	1
10	7J9888	HEAD-----	1

11	4J9224	RING-----	1
12	2H3931	SEAL-----	1
13	7J9886	PISTON-----	1
14	5P8250	WASHER-----	1

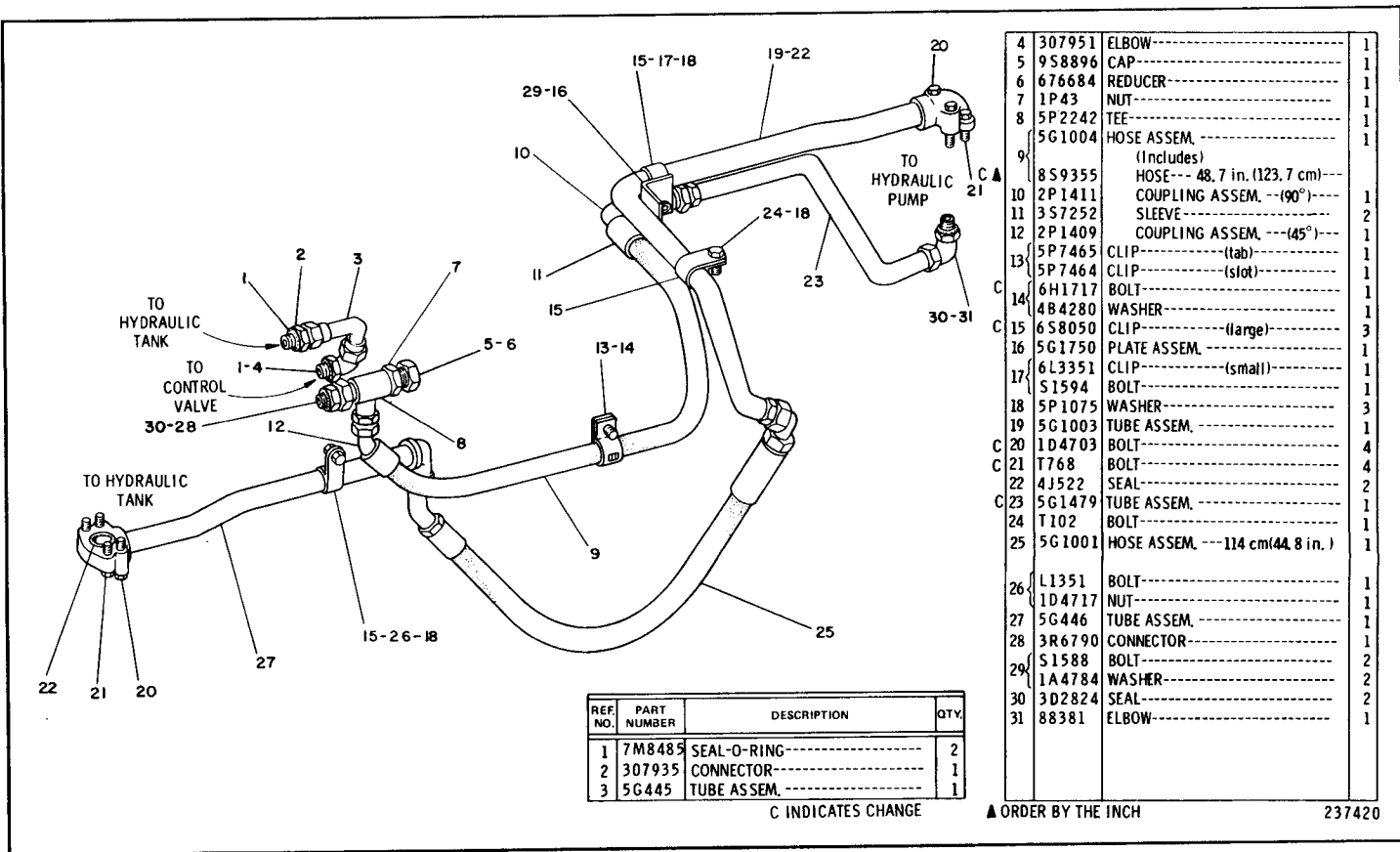
■ 300579



* 237758

5G3446 CYLINDER GROUP—Slider Lock
 Part of 5G3690 Backhoe Arrangement listed on Page 170B

5G2323 HYDRAULIC PUMP LINES GROUP
 Part of 5G558 and 5G568 Hydraulic Arrangements listed on Page 120
AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	7M8485	SEAL-O-RING-----	2
2	307935	CONNECTOR-----	1
3	5G445	TUBE ASSEM.-----	1

C INDICATES CHANGE

4	307951	ELBOW-----	1
5	9S8896	CAP-----	1
6	676684	REDUCER-----	1
7	1P43	NUT-----	1
8	5P2242	TEE-----	1
9	5G1004	HOSE ASSEM.-----	1
		(Includes)	
	8S9355	HOSE--- 48.7 in.(123.7 cm)---	
10	2P1411	COUPLING ASSEM. --(90°)---	1
11	3S7252	SLEEVE-----	2
12	2P1409	COUPLING ASSEM. --(45°)---	1
	5P7465	CLIP----- (tab)	1
13	5P7464	CLIP----- (slot)	1
14	6H1717	BOLT-----	1
	4B4280	WASHER-----	1
15	6S8050	CLIP----- (large)	3
16	5G1750	PLATE ASSEM.-----	1
17	6L3351	CLIP----- (small)	1
	S1594	BOLT-----	1
18	5P1075	WASHER-----	3
19	5G1003	TUBE ASSEM.-----	1
C 20	1D4703	BOLT-----	4
C 21	T768	BOLT-----	4
22	4J522	SEAL-----	2
C 23	5G1479	TUBE ASSEM.-----	1
24	T102	BOLT-----	1
25	5G1001	HOSE ASSEM. ---114 cm(44.8 in.)	1
26	L1351	BOLT-----	1
	1D4717	NUT-----	1
27	5G446	TUBE ASSEM.-----	1
28	3R6790	CONNECTOR-----	1
29	S1588	BOLT-----	2
	1A4784	WASHER-----	2
30	3D2824	SEAL-----	2
31	88381	ELBOW-----	1

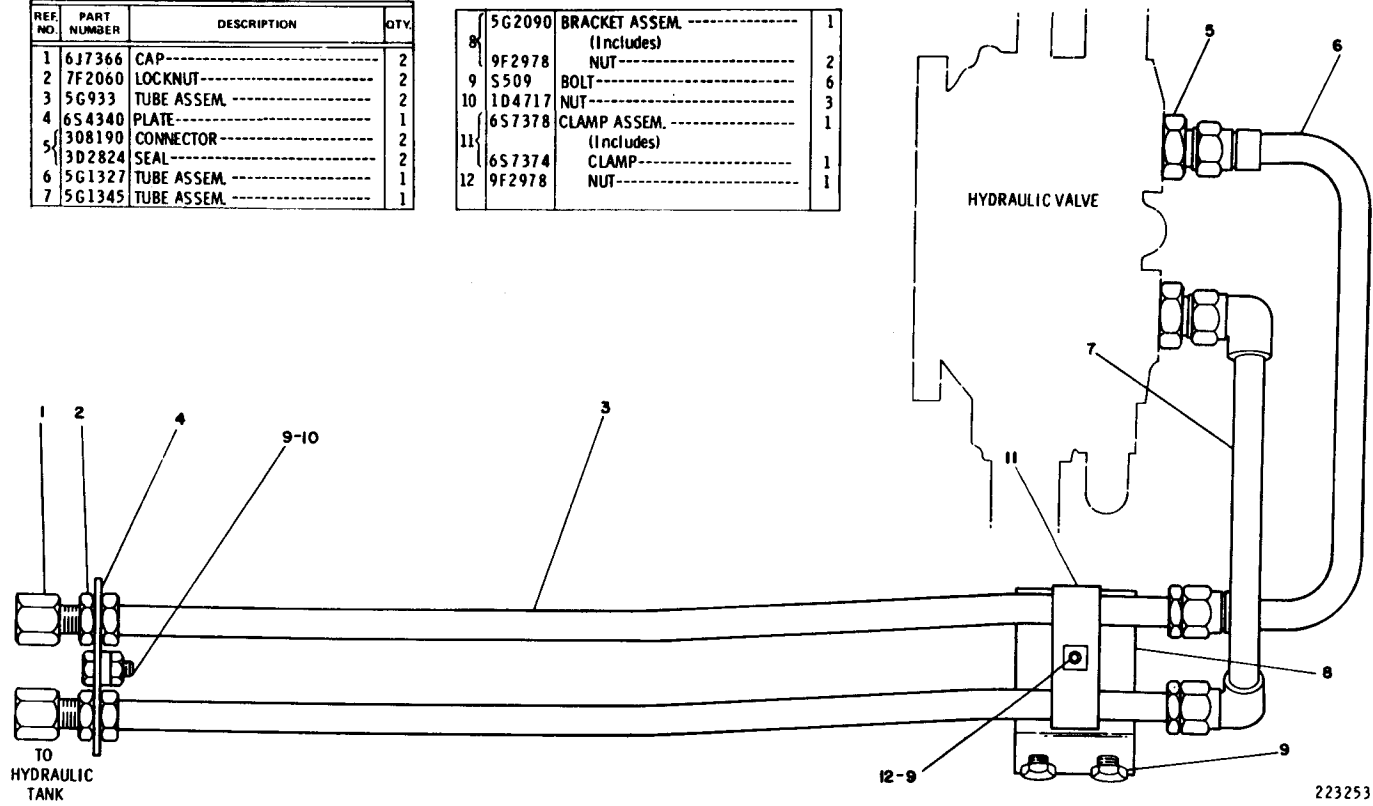
▲ ORDER BY THE INCH

237420

HYDRAULIC SYSTEM

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	6J7366	CAP-----	2
2	7F2060	LOCKNUT-----	2
3	5G933	TUBE ASSEM.-----	2
4	6S4340	PLATE-----	1
5	308190	CONNECTOR-----	2
	3D2824	SEAL-----	2
6	5G1327	TUBE ASSEM.-----	1
7	5G1345	TUBE ASSEM.-----	1

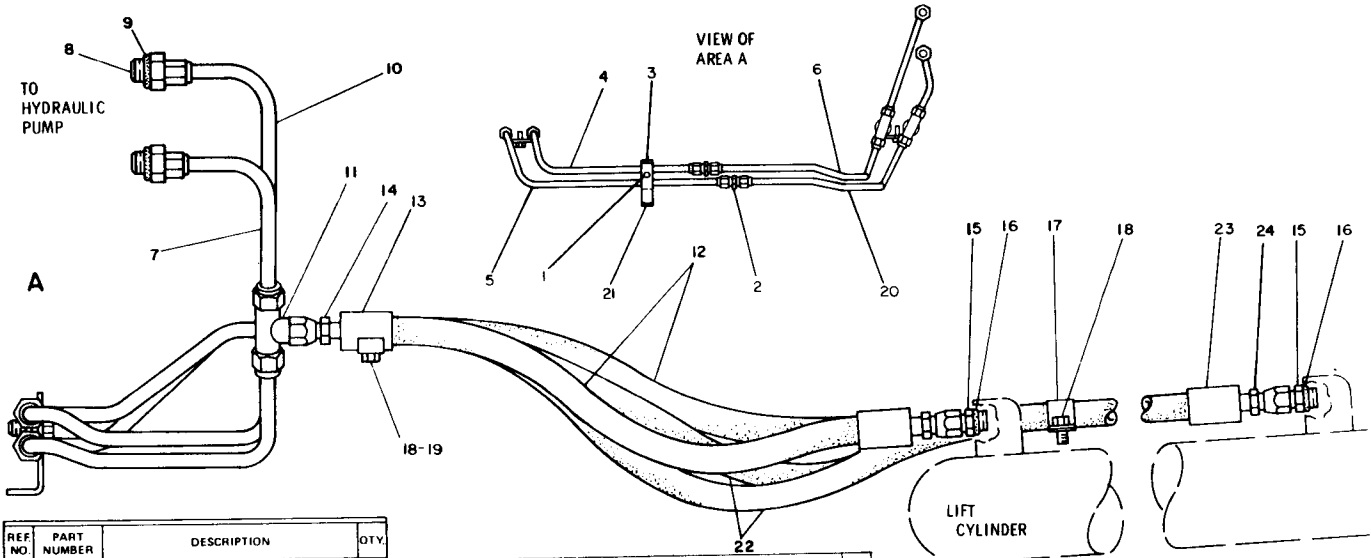
8	5G2090	BRACKET ASSEM.-----	1
		(Includes)	
	9F2978	NUT-----	2
9	S509	BOLT-----	6
10	1D4717	NUT-----	3
	6S7378	CLAMP ASSEM.-----	1
		(Includes)	
11	6S7374	CLAMP-----	1
12	9F2978	NUT-----	1



223253

5G543 REAR ATTACHMENT LINES GROUP
 Also part of 5G568 Hydraulic Arrangement listed on Page 120
 AN ATTACHMENT

5G1039 LIFT CYLINDER LINES GROUP—Type 1
 Part of 3G9290 Bulldozer Arrangement listed on Page 166
 AN ATTACHMENT



REF NO	PART NUMBER	DESCRIPTION	QTY
1	51588	BOLT-----	1
2	3R2704	UNION-----	2
3	5G1670	BRACKET ASSEM.-----	1
4	5G1043	TUBE ASSEM.-----	1
5	5G1045	TUBE ASSEM.-----	1
6	5G2219	TUBE ASSEM.-----	1
7	5G1041	TUBE ASSEM.-----	1
8	308189	CONNECTOR-----	2
9	3D2824	SEAL-----	2
10	5G1040	TUBE ASSEM.-----	1
11	321270	TEE-----	2

12	687366	HOSE ASSEM.-----	2
		(Each Includes)	
13	95671	HOSE-----23 in. (58 cm)	2
14	358606	SLEEVE-----	2
15	8S4055	COUPLING ASSEM.-----	2
16	8M505	CONNECTOR-----	4
17	3K360	SEAL-----	4
18	6S4734	CLIP-----	2
	5509	BOLT-----	4
	5P1075	WASHER-----	4
19	5G1046	CLAMP-----	2

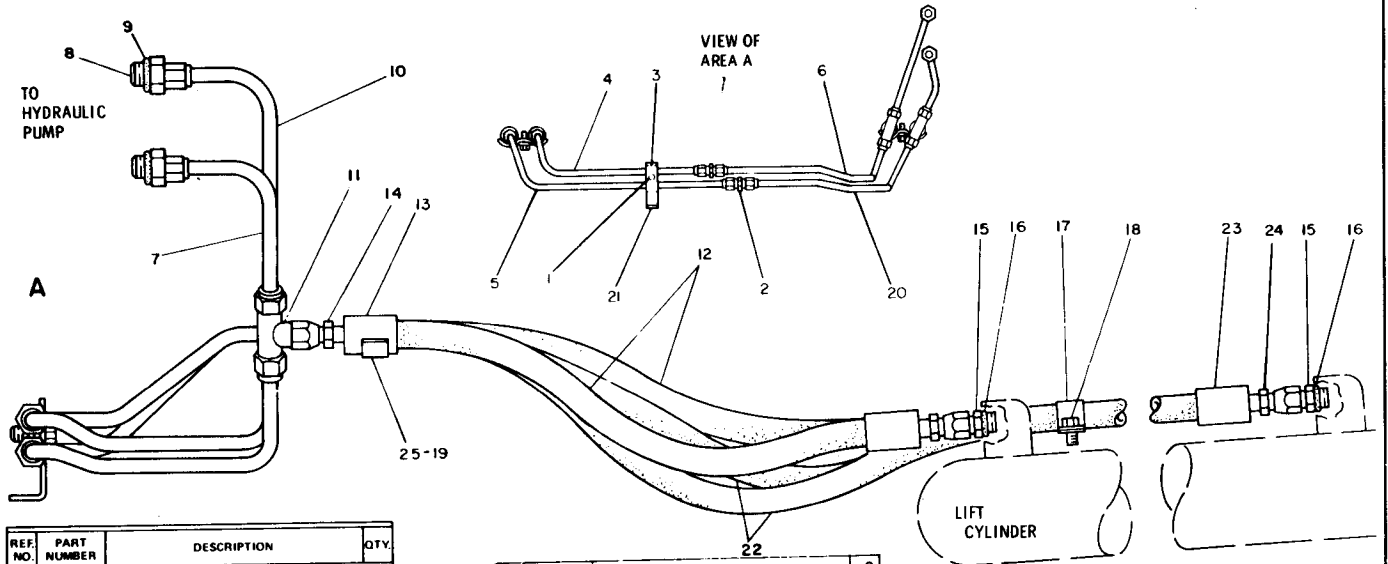
20	5G2233	TUBE ASSEM.-----	1
21	5G1671	BRACKET-----	1
22	5G1791	HOSE ASSEM.-----	2
		(Each Includes)	
	95671	HOSE-----42.13 in. (107 cm)	2
23	358606	SLEEVE-----	2
24	8S4055	COUPLING ASSEM.-----	2

▲ ORDER BY THE INCH

223442

HYDRAULIC SYSTEM

5G1039 LIFT CYLINDER LINES GROUP—Type 2
Part of 3G9290 Bulldozer Arrangement listed on Page 166
AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	S1588	BOLT-----	1
2	3R2704	UNION-----	2
3	5G1670	BRACKET ASSEM.-----	1
4	5G1043	TUBE ASSEM.-----	1
5	5G1045	TUBE ASSEM.-----	1
6	5G2219	TUBE ASSEM.-----	1
7	5G1041	TUBE ASSEM.-----	1
8	308189	CONNECTOR-----	2
9	3D2824	SEAL-----	2
10	5G1040	TUBE ASSEM.-----	1
11	321270	TEE-----	2

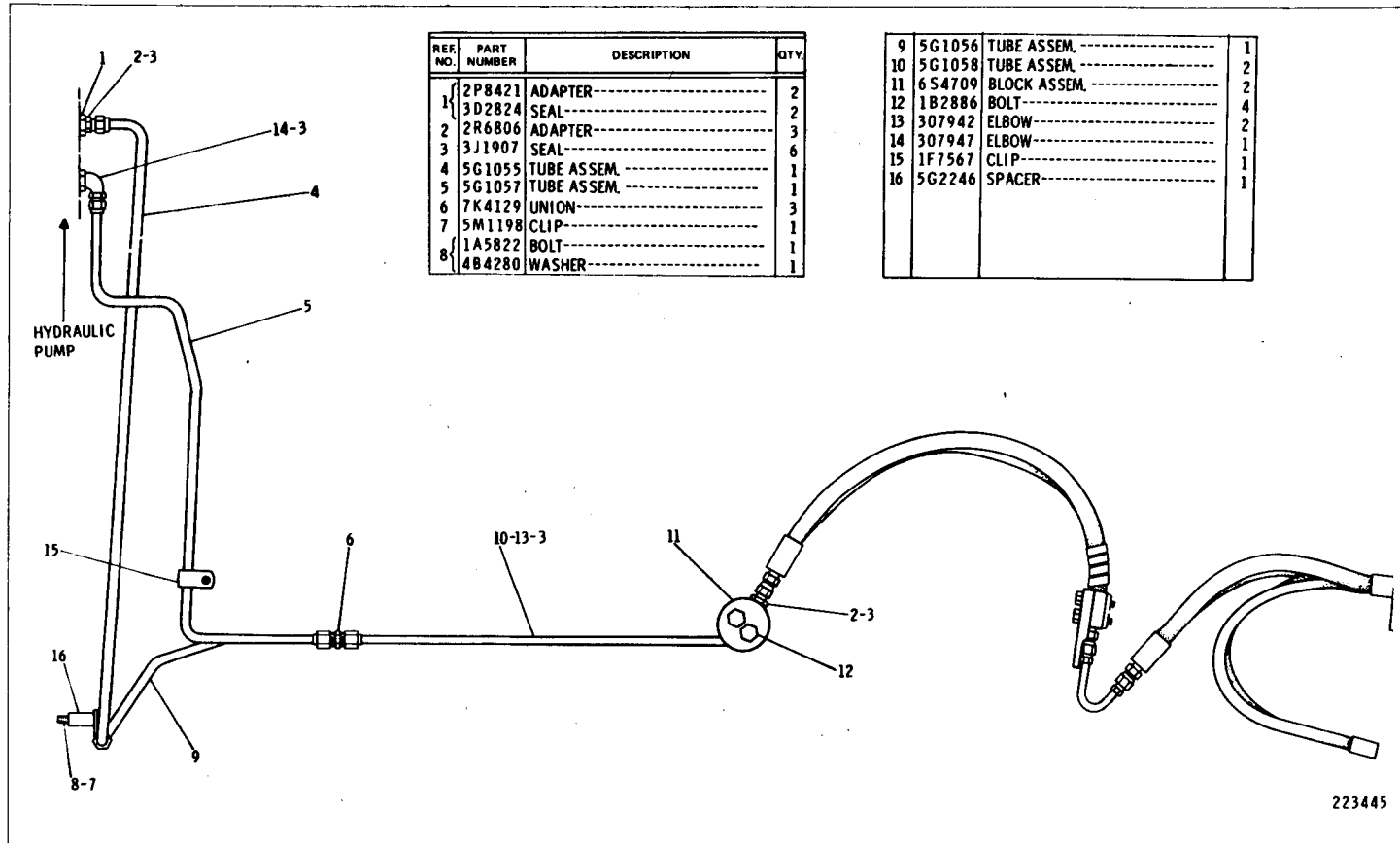
	687366	HOSE ASSEM.-----	2
12		(Each Includes)	
	95671	HOSE-----23 in. (58 cm)	2
13	3S8606	SLEEVE-----	2
14	8S4055	COUPLING ASSEM.-----	2
15	8M505	CONNECTOR-----	4
16	3K360	SEAL-----	4
17	6S4734	CLIP-----	2
18	S509	BOLT-----	2
C 18	5P1075	WASHER-----	2
C 19	1K5845	CLAMP-----	2

C INDICATES CHANGE

20	5G2233	TUBE ASSEM.-----	1
21	5G1671	BRACKET-----	1
22	5G1791	HOSE ASSEM.-----	2
		(Each Includes)	
23	95671	HOSE-----42.13 in. (107 cm)	2
24	3S8606	SLEEVE-----	2
24	8S4055	COUPLING ASSEM.-----	2
C 25	T102	BOLT-----	2
C 25	3V2431	WASHER-----	2

▲ ORDER BY THE INCH

175300

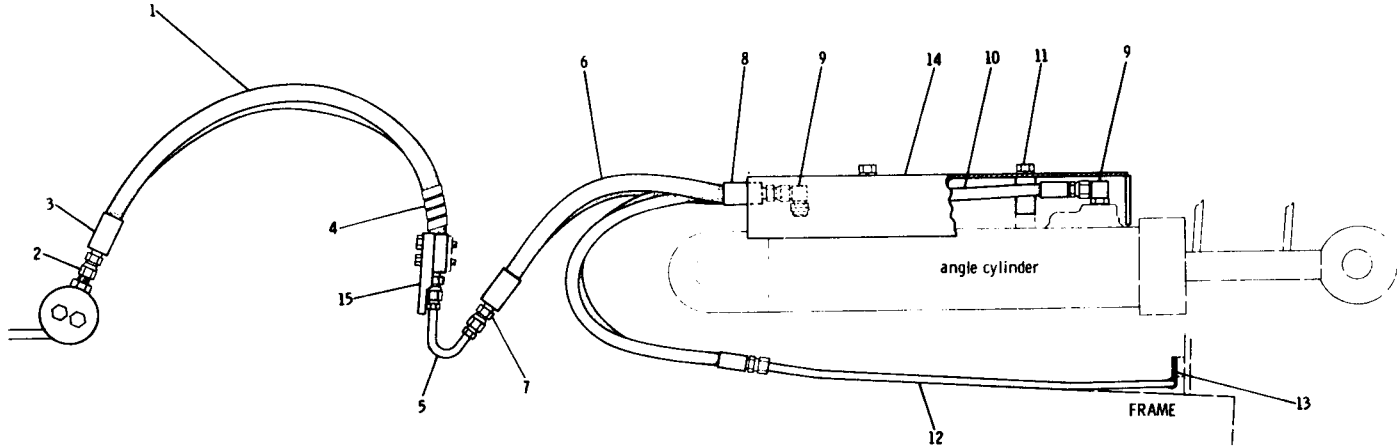


5G1054 ANGLING CYLINDER LINES GROUP—Part 1
 Part of 3G9290 Bulldozer Arrangement listed on Page 166
 AN ATTACHMENT

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	2P8421	ADAPTER-----	2
1	3D2824	SEAL-----	2
2	2R6806	ADAPTER-----	3
3	3J1907	SEAL-----	6
4	5G1055	TUBE ASSEM.-----	1
5	5G1057	TUBE ASSEM.-----	1
6	7K4129	UNION-----	3
7	5M1198	CLIP-----	1
8	1A5822	BOLT-----	1
8	4B4280	WASHER-----	1

9	5G1056	TUBE ASSEM.-----	1
10	5G1058	TUBE ASSEM.-----	2
11	6S4709	BLOCK ASSEM.-----	2
12	1B2886	BOLT-----	4
13	307942	ELBOW-----	2
14	307947	ELBOW-----	1
15	1F7567	CLIP-----	1
16	5G2246	SPACER-----	1

5G1054 ANGLING CYLINDER LINES GROUP—Part 2
 Part of 3G9290 Bulldozer Arrangement listed on Page 166
 AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY
	6S4663	HOSE ASSEM.-----	2
1		(Each Includes)	
■	2P5943	HOSE-----25.3 in. (64.4 cm)	
2	8S6417	COUPLING ASSEM.-----	2
3	4S5414	SLEEVE-----	2
▲	4S7531	GUARD-----57.5 cm (22.6 in.)	

■ ORDER BY THE INCH

5	6S4728	TUBE ASSEM.-----	2
	6S4710	HOSE ASSEM.-----	2
6		(Each Includes)	
■	2P5943	HOSE-----15.6 in. (39.7 cm)	
7	8S6417	COUPLING ASSEM.-----	2
8	4S5414	SLEEVE-----	2
9	54362	ELBOW-----	4
	3K360	SEAL-----	4
10	6S8040	HOSE ASSEM.-----104 cm (40.94 in.)	2

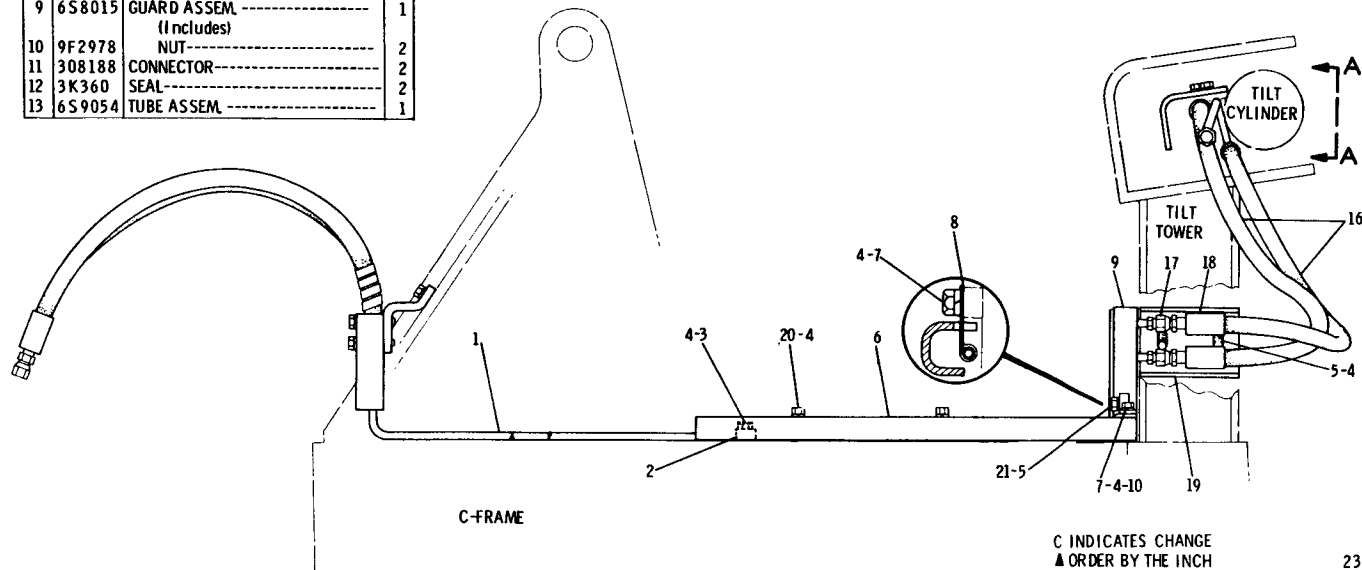
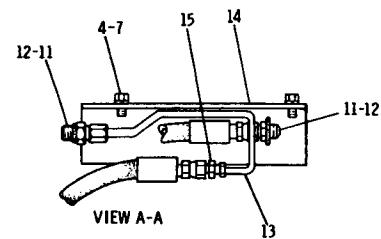
11	1A5822	BOLT-----	4
	5P1075	WASHER-----	4
12	6S8038	TUBE ASSEM.-----	1
13	7B1597	CLIP-----	1
14	6S8021	GUARD ASSEM.-----	2
15	6S8236	PLATE-----	2

▲ ORDER BY THE CENTIMETER

223446

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	6S4704	TUBE ASSEM -----(R. H.)-----	1
	6S4642	TUBE ASSEM -----(L. H.)-----	1
2	6S8031	CLIP-----	2
3	T102	BOLT-----	2
C 4	5P1075	WASHER-----	13
	S1594	BOLT-----1 in(2.54 cm) long	4
6	5G677	GUARD ASSEM -----(R. H.)-----	1
	5G678	GUARD ASSEM -----(L. H.)-----	1
7	S509	BOLT----- .75 in.(1.9 cm)long	5
8	7B1597	CLIP-----	1
9	6S8015	GUARD ASSEM ----- (Includes)	1
10	9F2978	NUT-----	2
11	308188	CONNECTOR-----	2
12	3K360	SEAL-----	2
13	6S9054	TUBE ASSEM -----	1

14	6S9052	GUARD-----	1
15	2P1279	NUT-----	1
16	2V156	HOSE ASSEM ----- (Each Includes)	2
	2P5943	HOSE-----35.78 in.(90.9 cm)	
17	8S6417	COUPLING ASSEM -----	2
18	4S5414	SLEEVE-----	2
19	6S6477	GUARD-----	1
20	S1588	BOLT-----	4
C 21	3V2431	WASHER-----	2

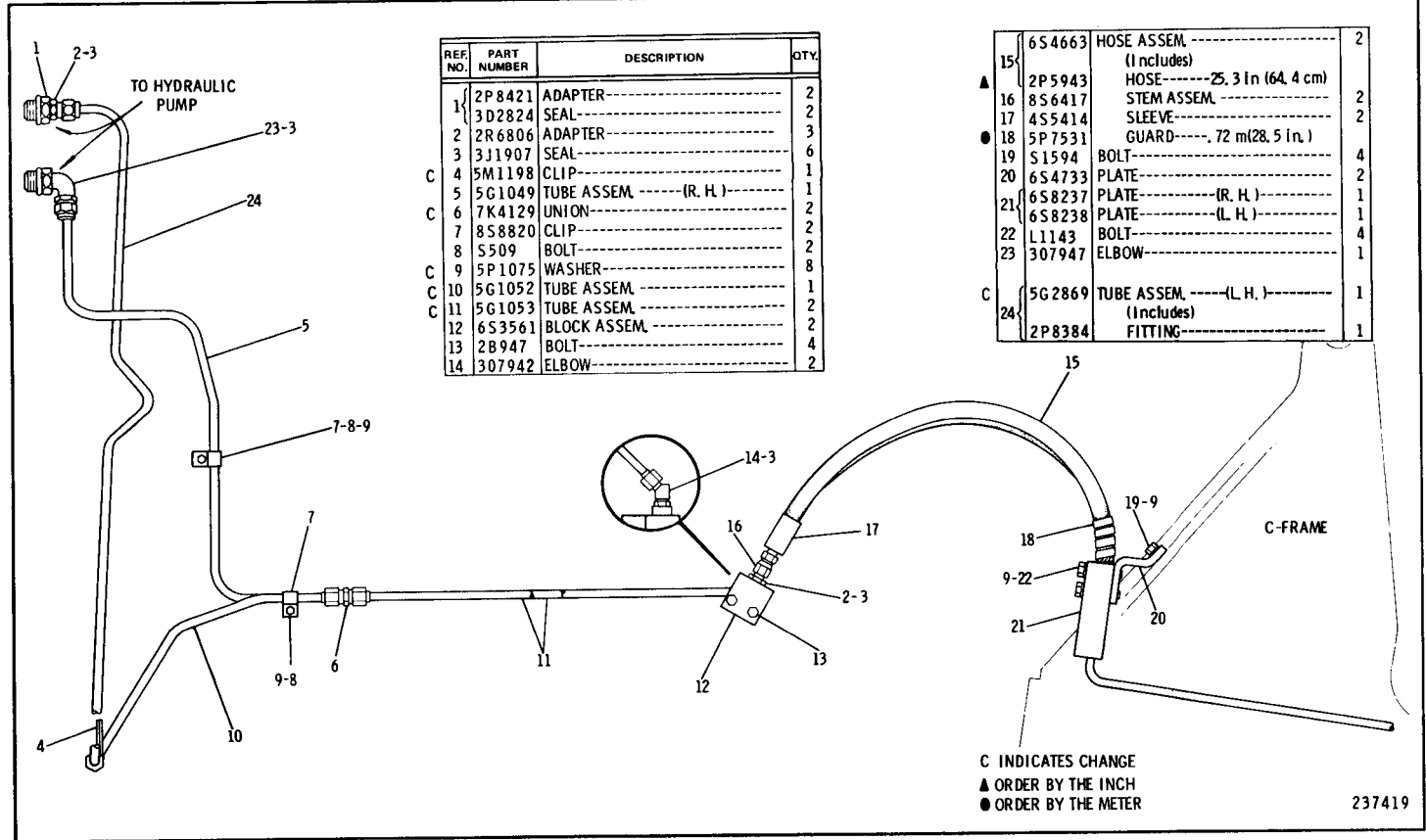


C INDICATES CHANGE
 ▲ ORDER BY THE INCH

235648

5G1047 TILT CYLINDER LINES GROUP—Part 1
 Part of 3G9290 Bulldozer Arrangement listed on Page 166
 AN ATTACHMENT

5G1047 TILT CYLINDER LINES GROUP—Part 2
 Part of 3G9292 Bulldozer Arrangement listed on Page 166
 AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	2P 8421	ADAPTER-----	2
	3D 2824	SEAL-----	2
2	2R 6806	ADAPTER-----	3
3	3J 1907	SEAL-----	6
C 4	5M 1198	CLIP-----	1
5	5G 1049	TUBE ASSEM. -----(R. H.)----	1
C 6	7K 4129	UNION-----	2
7	8S 8820	CLIP-----	2
8	S 509	BOLT-----	2
C 9	5P 1075	WASHER-----	8
C 10	5G 1052	TUBE ASSEM. -----(L. H.)----	1
C 11	5G 1053	TUBE ASSEM. -----(L. H.)----	2
12	6S 3561	BLOCK ASSEM. -----(L. H.)----	2
13	2B 947	BOLT-----	4
14	3O 7942	ELBOW-----	2

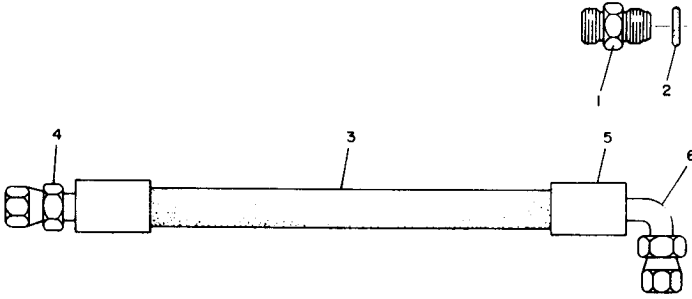
▲ 15	6S 4663	HOSE ASSEM. -----	2
		(Includes)	
16	2P 5943	HOSE-----25.3 in (64.4 cm)	2
17	8S 6417	STEM ASSEM. -----	2
18	4S 5414	SLEEVE-----	2
● 19	5P 7531	GUARD-----, 72 m(28.5 in.)	1
19	S 1594	BOLT-----	4
20	6S 4733	PLATE-----	2
21	6S 8237	PLATE------(R. H.)----	1
21	6S 8238	PLATE------(L. H.)----	1
22	L 1143	BOLT-----	4
23	3O 7947	ELBOW-----	1
C 24	5G 2869	TUBE ASSEM. -----(L. H.)----	1
		(Includes)	
	2P 8384	FITTING-----	1

C INDICATES CHANGE
 ▲ ORDER BY THE INCH
 ● ORDER BY THE METER

237419

HYDRAULIC SYSTEM

CATERPILLAR D3B TRACTOR



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9M4584	CONNECTOR-----	2
2	2M9780	SEAL-----	2
C	8K6720	HOSE ASSEM,-----	2
3		(Each Includes)	
▲	9S671	HOSE----22.44 in. (57 cm)	
4	8S4064	COUPLING ASSEM,--(straight)--	1
5	3S8606	SLEEVE-----	2
6	1P4899	COUPLING ASSEM,---(90°)---	1

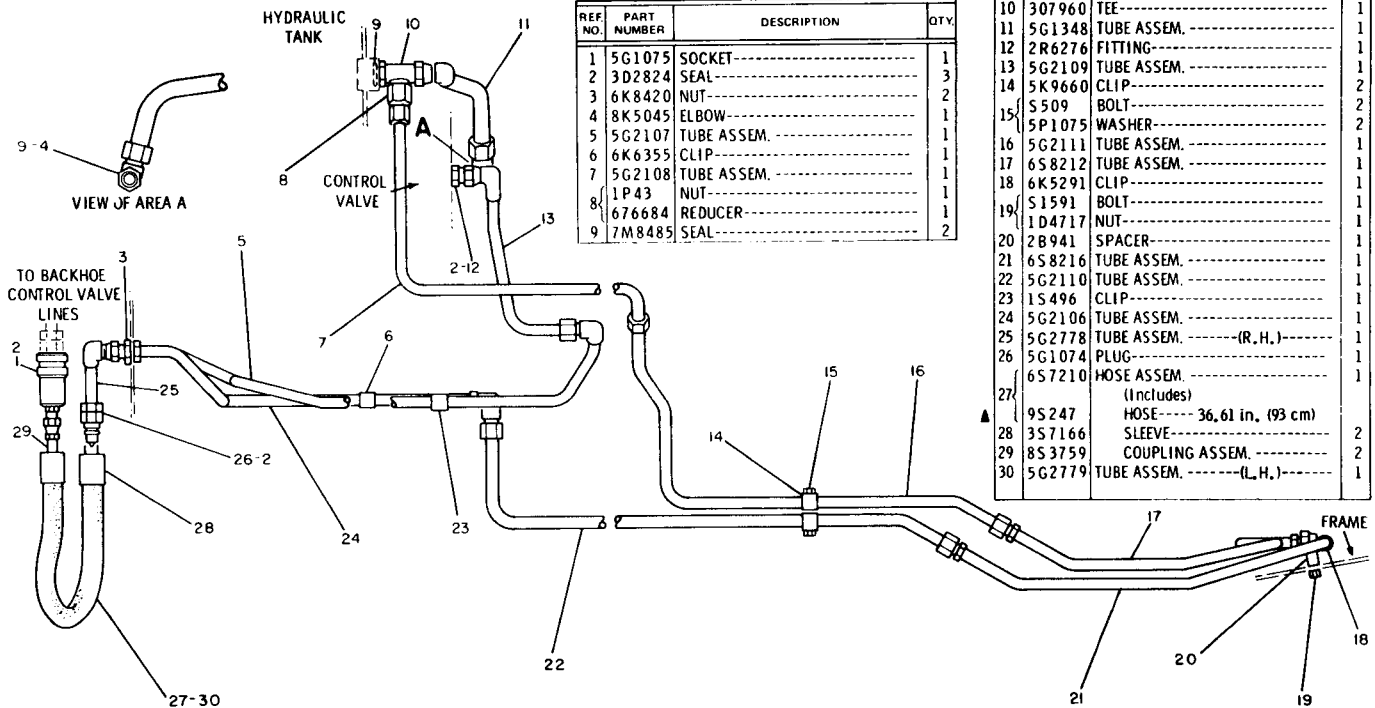
C INDICATES CHANGE

▲ ORDER BY THE INCH

176272

6S3559 RIPPER LINES GROUP
 Part of 9J9005 Ripper Arrangement listed on Page 189
 AN ATTACHMENT

5G2105 HYDRAULIC LINES GROUP—Type 1
Part of 5G2173 Backhoe Mounting Arrangement Listed on Page 172
AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G1075	SOCKET-----	1
2	3D2824	SEAL-----	3
3	6K8420	NUT-----	2
4	8K5045	ELBOW-----	1
5	5G2107	TUBE ASSEM.-----	1
6	6K6355	CLIP-----	1
7	5G2108	TUBE ASSEM.-----	1
8	1P43	NUT-----	1
	676684	REDUCER-----	1
9	7M8485	SEAL-----	2

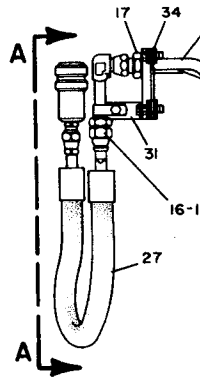
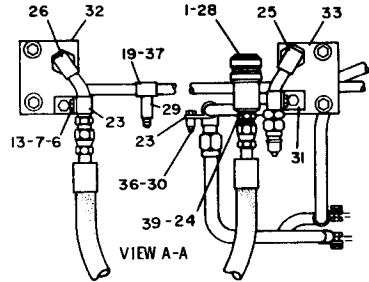
10	307960	TEE-----	1
11	5G1348	TUBE ASSEM.-----	1
12	2R6276	FITTING-----	1
13	5G2109	TUBE ASSEM.-----	1
14	5K9660	CLIP-----	2
	S509	BOLT-----	2
15	5P1075	WASHER-----	2
16	5G2111	TUBE ASSEM.-----	1
17	6S8212	TUBE ASSEM.-----	1
18	6K5291	CLIP-----	1
19	S1591	BOLT-----	1
	1D4717	NUT-----	1
20	2B941	SPACER-----	1
21	6S8216	TUBE ASSEM.-----	1
22	5G2110	TUBE ASSEM.-----	1
23	1S496	CLIP-----	1
24	5G2106	TUBE ASSEM.-----	1
25	5G2778	TUBE ASSEM.----- (R.H.)-----	1
26	5G1074	PLUG-----	1
	6S7210	HOSE ASSEM.-----	1
27		(Includes)	
	9S247	HOSE----- 36.61 in. (93 cm)	
28	3S7166	SLEEVE-----	2
29	8S3759	COUPLING ASSEM.-----	2
30	5G2779	TUBE ASSEM.----- (L.H.)-----	1

▲ ORDER BY THE INCH

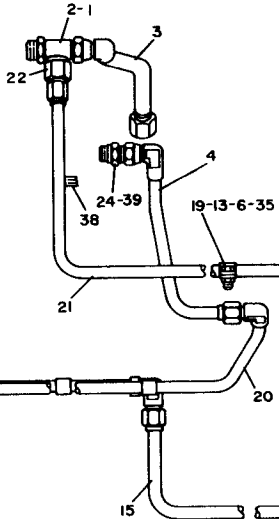
223440

HYDRAULIC SYSTEM

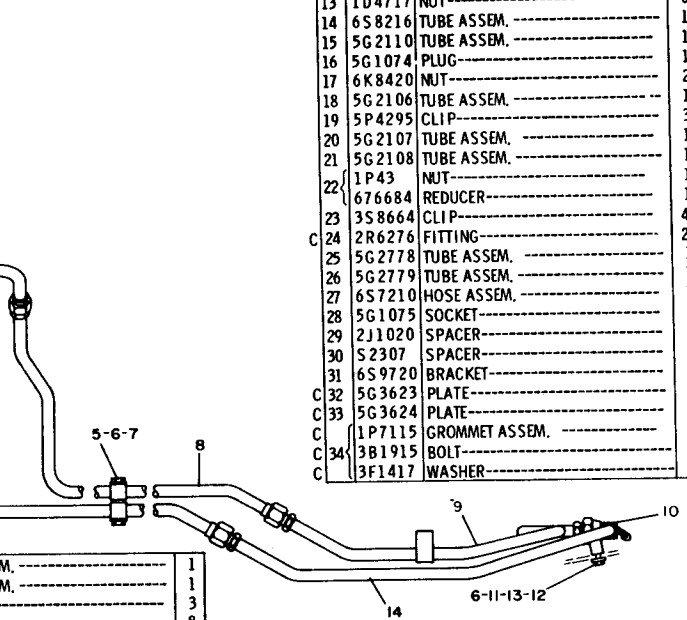
5G2105 HYDRAULIC LINES GROUP—Type 2
 Part of 5G2173 Backhoe Mounting Arrangement listed on Page 172
 AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	7M8485	SEAL-----	3
2	307960	TEE-----	1



3	5G1348	TUBE ASSEM.-----	1
4	5G2109	TUBE ASSEM.-----	1
5	5K9660	CLIP-----	3
6	5P1075	WASHER-----	8
7	5S09	BOLT-----	6
8	5G2111	TUBE ASSEM.-----	1
9	6S8212	TUBE ASSEM.-----	1
10	6K5291	CLIP-----	1
	6K5290	BRACKET-----	1
11	2B941	SPACER-----	1
12	S1591	BOLT-----	1

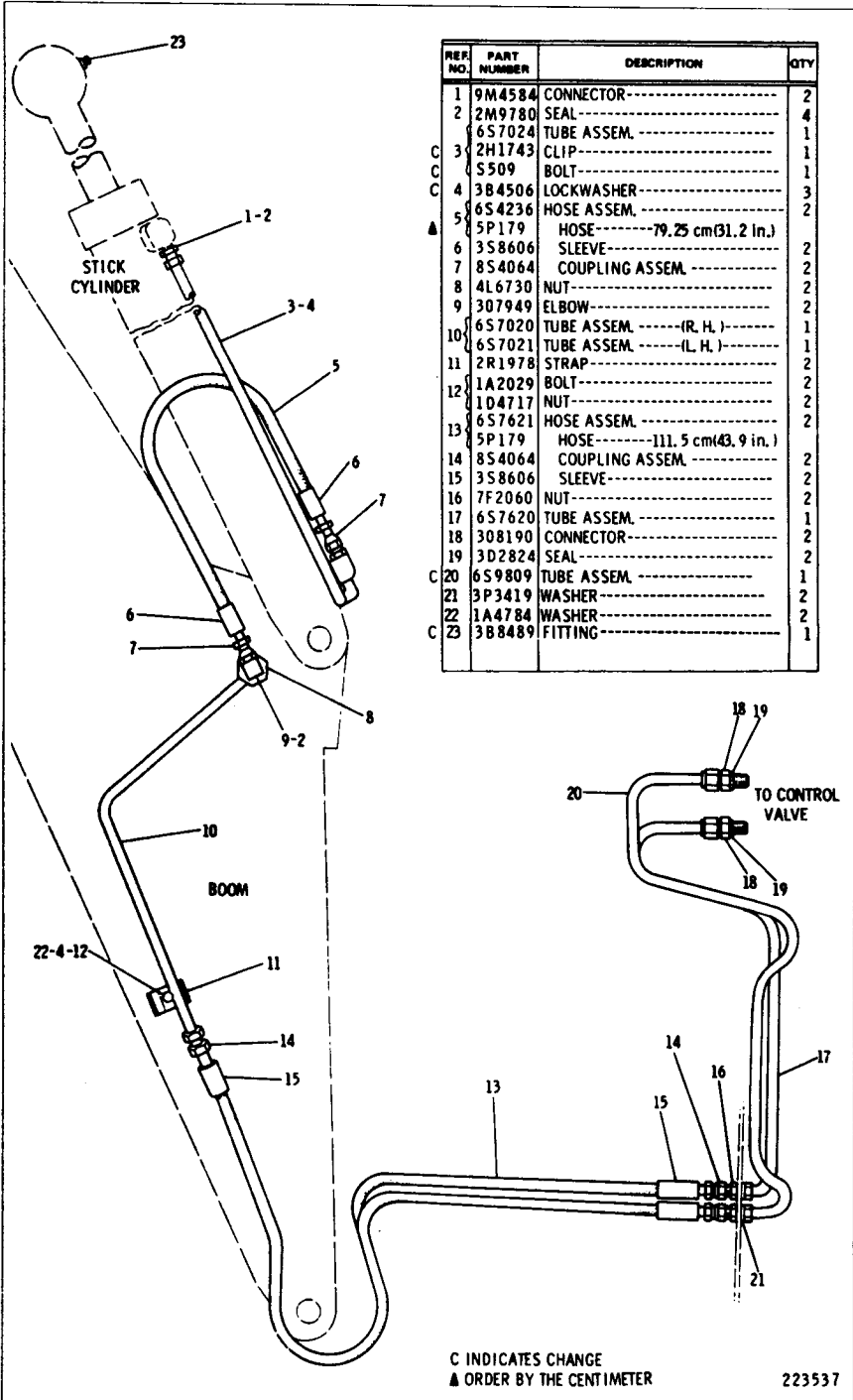


13	1D4717	NUT-----	6
14	6S8216	TUBE ASSEM.-----	1
15	5G2110	TUBE ASSEM.-----	1
16	5G1074	PLUG-----	1
17	6K8420	NUT-----	2
18	5G2106	TUBE ASSEM.-----	1
19	5P4295	CLIP-----	3
20	5G2107	TUBE ASSEM.-----	1
21	5G2108	TUBE ASSEM.-----	1
22	1P43	NUT-----	1
	676684	REDUCER-----	1
23	3S8664	CLIP-----	4
24	2R6276	FITTING-----	2
25	5G2778	TUBE ASSEM.-----	1
26	5G2779	TUBE ASSEM.-----	1
27	6S7210	HOSE ASSEM.-----	1
28	5G1075	SOCKET-----	1
29	2J1020	SPACER-----	1
30	S2307	SPACER-----	2
31	6S9720	BRACKET-----	2
32	5G3623	PLATE-----	1
C 33	5G3624	PLATE-----	1
C	1P7115	GROMMET ASSEM.-----	4
C 34	3B1915	BOLT-----	4
C	3F1417	WASHER-----	4

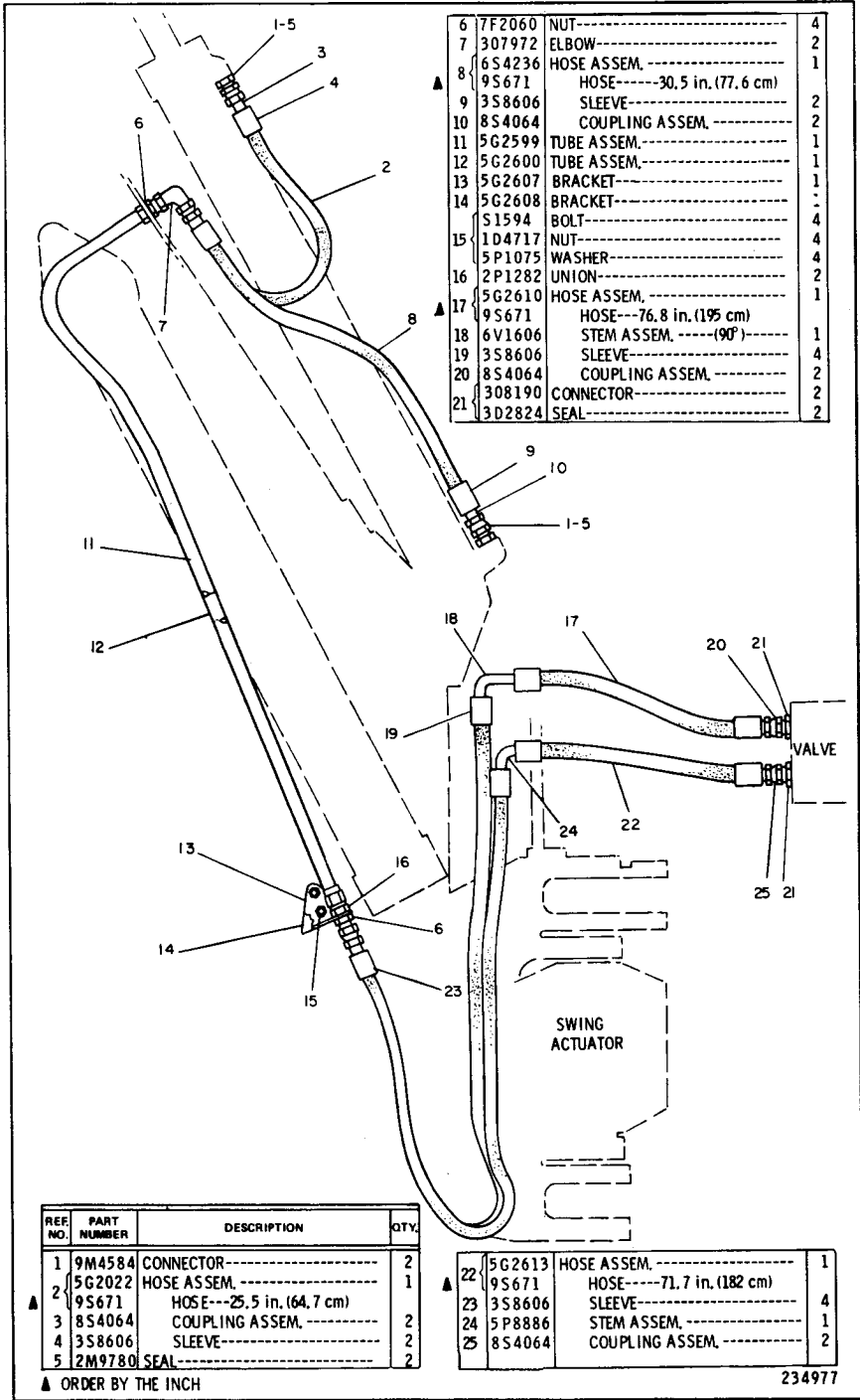
35	L1351	BOLT-----	1
36	S1588	BOLT-----	2
37	1A5822	BOLT-----	1
38	2B858	PLUG-----	1
C 39	3D2824	SEAL-----	2

C INDICATES CHANGE

307076



6S7017 STICK CYLINDER LINES GROUP
Part of 6S4538 Backhoe Arrangement listed on Page 170



6	7F2060	NUT-----	4
7	307972	ELBOW-----	2
8	6S4236	HOSE ASSEM.-----	1
8	9S671	HOSE----30.5 in. (77.6 cm)	1
9	3S8606	SLEEVE-----	2
10	8S4064	COUPLING ASSEM.-----	2
11	5G2599	TUBE ASSEM.-----	1
12	5G2600	TUBE ASSEM.-----	1
13	5G2607	BRACKET-----	1
14	5G2608	BRACKET-----	1
15	S1594	BOLT-----	4
15	1D4717	NUT-----	4
16	5P1075	WASHER-----	4
16	2P1282	UNION-----	2
17	5G2610	HOSE ASSEM.-----	1
17	9S671	HOSE---76.8 in. (195 cm)	1
18	6V1606	STEM ASSEM. -----(90°)	1
19	3S8606	SLEEVE-----	4
20	8S4064	COUPLING ASSEM.-----	2
21	308190	CONNECTOR-----	2
21	3D2824	SEAL-----	2

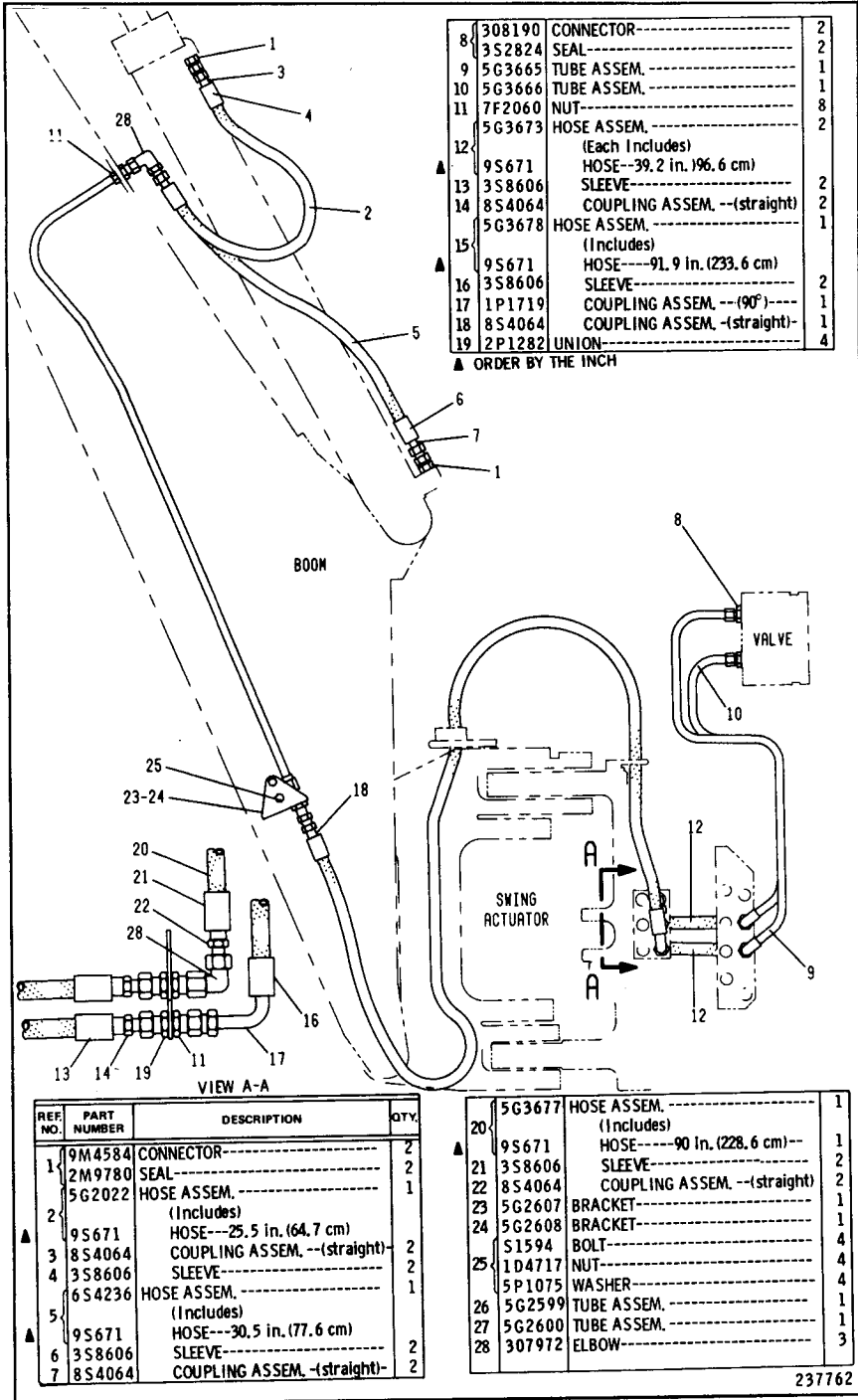
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9M4584	CONNECTOR-----	2
2	5G2022	HOSE ASSEM.-----	1
2	9S671	HOSE---25.5 in. (64.7 cm)	1
3	8S4064	COUPLING ASSEM.-----	2
4	3S8606	SLEEVE-----	2
5	2M9780	SEAL-----	2

22	5G2613	HOSE ASSEM.-----	1
22	9S671	HOSE----71.7 in. (182 cm)	1
23	3S8606	SLEEVE-----	4
24	5P8886	STEM ASSEM.-----	1
25	8S4064	COUPLING ASSEM.-----	2

▲ ORDER BY THE INCH

234977

5G2618 STICK CYLINDER LINES GROUP
 Part of 5G2150 Fixed Pivot Backhoe Arrangement listed on Page 170A



8	308190	CONNECTOR-----	2
	3S2824	SEAL-----	2
9	5G3665	TUBE ASSEM.-----	1
10	5G3666	TUBE ASSEM.-----	1
11	7F2060	NUT-----	8
	5G3673	HOSE ASSEM.-----	2
(Each Includes)			
	9S671	HOSE---39.2 in. (96.6 cm)	
13	3S8606	SLEEVE-----	2
14	8S4064	COUPLING ASSEM. --(straight)	2
	5G3678	HOSE ASSEM.-----	1
(Includes)			
	9S671	HOSE---91.9 in. (233.6 cm)	
16	3S8606	SLEEVE-----	2
17	1P1719	COUPLING ASSEM. --(90°)	1
18	8S4064	COUPLING ASSEM. --(straight)	1
19	2P1282	UNION-----	4

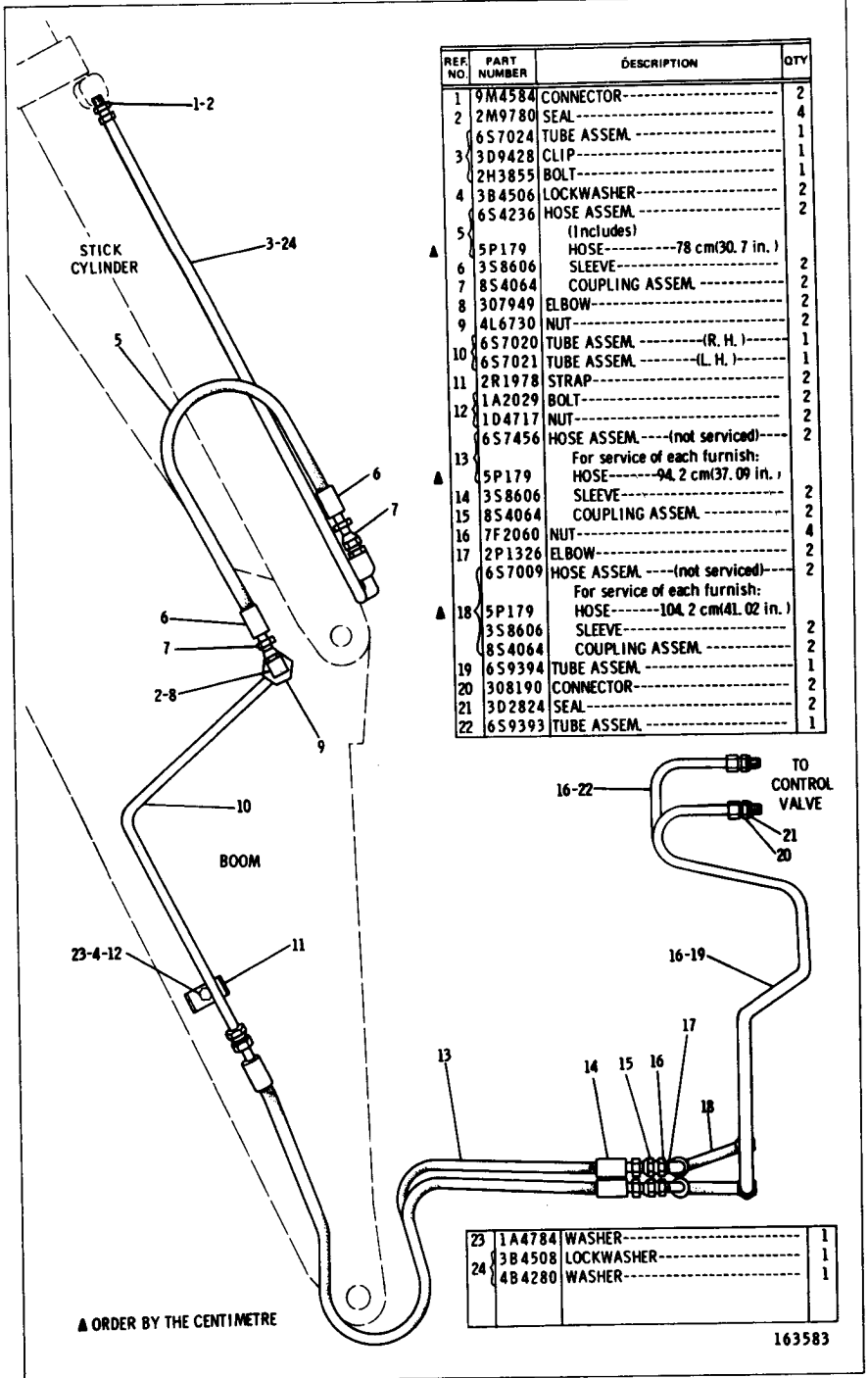
▲ ORDER BY THE INCH

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9M4584	CONNECTOR-----	2
	2M9780	SEAL-----	2
	5G2022	HOSE ASSEM.-----	1
(Includes)			
2	9S671	HOSE---25.5 in. (64.7 cm)	
3	8S4064	COUPLING ASSEM. --(straight)	2
4	3S8606	SLEEVE-----	2
	6S4236	HOSE ASSEM.-----	1
(Includes)			
5	9S671	HOSE---30.5 in. (77.6 cm)	
6	3S8606	SLEEVE-----	2
7	8S4064	COUPLING ASSEM. --(straight)	2

20	5G3677	HOSE ASSEM.-----	1
(Includes)			
	9S671	HOSE---90 in. (228.6 cm)---	1
21	3S8606	SLEEVE-----	2
22	8S4064	COUPLING ASSEM. --(straight)	2
23	5G2607	BRACKET-----	1
24	5G2608	BRACKET-----	1
	S1594	BOLT-----	4
25	1D4717	NUT-----	4
	5P1075	WASHER-----	4
26	5G2599	TUBE ASSEM.-----	1
27	5G2600	TUBE ASSEM.-----	1
28	307972	ELBOW-----	3

237762

5G3675 STICK CYLINDER LINES GROUP
Part of 5G3690 Backhoe Arrangement listed on Page 170B

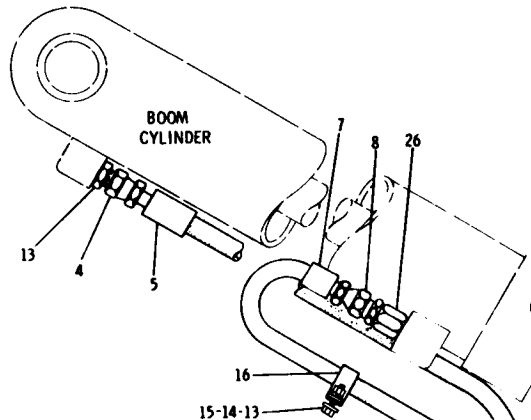


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9M4584	CONNECTOR-----	2
2	2M9780	SEAL-----	4
3	6S7024	TUBE ASSEM-----	1
	3D9428	CLIP-----	1
4	2H3855	BOLT-----	1
	3B4506	LOCKWASHER-----	2
5	6S4236	HOSE ASSEM-----	2
		(Includes)	
▲ 6	5P179	HOSE-----78 cm(30.7 in.)	2
7	3S8606	SLEEVE-----	2
8	8S4064	COUPLING ASSEM-----	2
9	307949	ELBOW-----	2
10	4L6730	NUT-----	2
11	6S7020	TUBE ASSEM----- (R. H.)	1
	6S7021	TUBE ASSEM----- (L. H.)	1
12	2R1978	STRAP-----	2
13	1A2029	BOLT-----	2
	1D4717	NUT-----	2
▲ 14	6S7456	HOSE ASSEM----- (not serviced)	2
		For service of each furnish:	
15	5P179	HOSE-----94.2 cm(37.09 in.)	2
16	3S8606	SLEEVE-----	2
17	8S4064	COUPLING ASSEM-----	2
18	7F2060	NUT-----	4
▲ 19	2P1326	ELBOW-----	2
	6S7009	HOSE ASSEM----- (not serviced)	2
		For service of each furnish:	
20	5P179	HOSE-----104.2 cm(41.02 in.)	2
21	3S8606	SLEEVE-----	2
22	8S4064	COUPLING ASSEM-----	2
23	6S9394	TUBE ASSEM-----	1
24	308190	CONNECTOR-----	2
	3D2824	SEAL-----	2
	6S9393	TUBE ASSEM-----	1

23	1A4784	WASHER-----	1
24	3B4508	LOCKWASHER-----	1
	4B4280	WASHER-----	1

6S9402 STICK CYLINDER LINES GROUP
Part of 6S9400 Backhoe Arrangement listed on Page 171

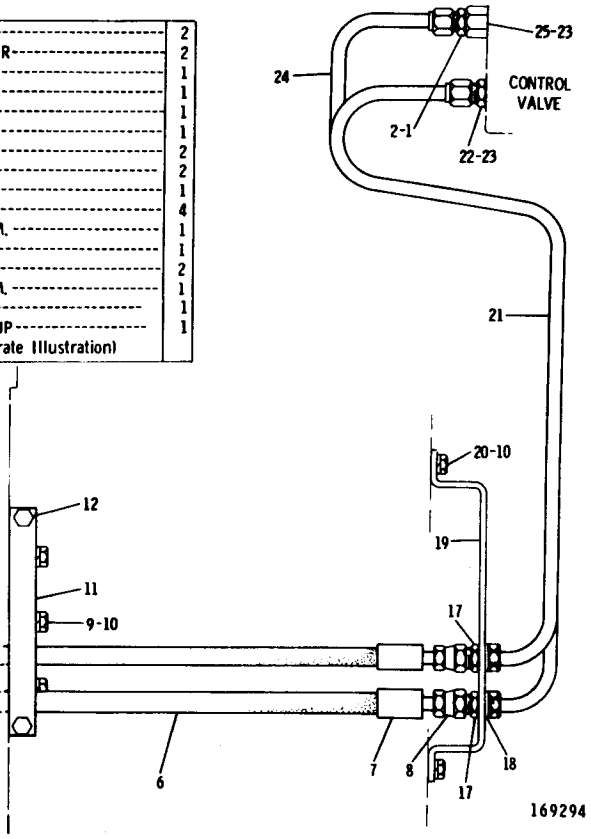
163583



12	1A5822	BOLT-----	2
13	3B4508	LOCKWASHER-----	2
13	1A2029	BOLT-----	1
14	1D4717	NUT-----	1
15	1A4784	WASHER-----	1
16	9L9469	CLIP-----	1
17	7F2060	NUT-----	2
18	3P3419	WASHER-----	2
19	6S7615	BRACKET-----	1
20	S1594	BOLT-----	4
21	6S7617	TUBE ASSEM.-----	1
22	308190	CONNECTOR-----	1
23	3D2824	SEAL-----	2
24	6S7616	TUBE ASSEM.-----	1
C 25	5P2211	ADAPTER-----	1
C 26	6S9822	VALVE GROUP-----	1
(Separate Illustration)			

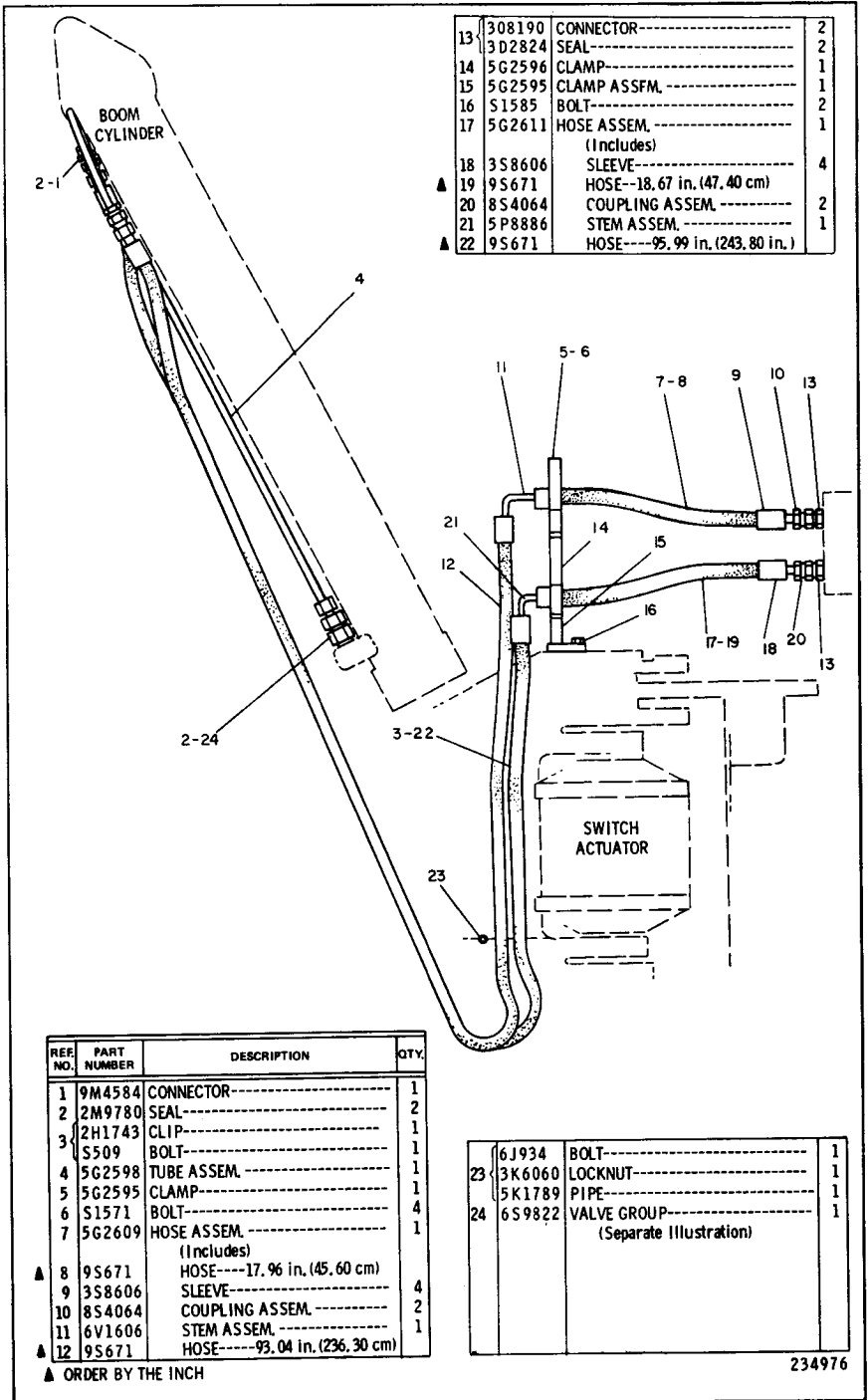
REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	9M4584	CONNECTOR-----	2
C 2	2M9780	SEAL-----	2
3	6S7613	HOSE ASSEM.-----	1
▲ 3	5P179	HOSE-----227.7 cm(89.65 in.)	1
4	8S4064	COUPLING ASSEM.-----	2
5	3S8606	SLEEVE-----	2
▲ 6	6S7518	HOSE ASSEM.-----	1
▲ 6	5P179	HOSE-----210 cm(82.68 in.)	1
7	3S8606	SLEEVE-----	2
8	8S4064	COUPLING ASSEM.-----	2
9	L2070	BOLT-----	3
10	3B4506	LOCKWASHER-----	8
11	6S8377	CLAMP-----	1
11	6S7600	CLAMP----- (tapped)	1

▲ ORDER BY THE CENTIMETRE C INDICATES CHANGE



169294

6S6945 BOOM CYLINDER LINES GROUP
 Part of 6S4538 Backhoe Arrangement listed on Page 170
 6S9822 Valve parts are shown on Page 135

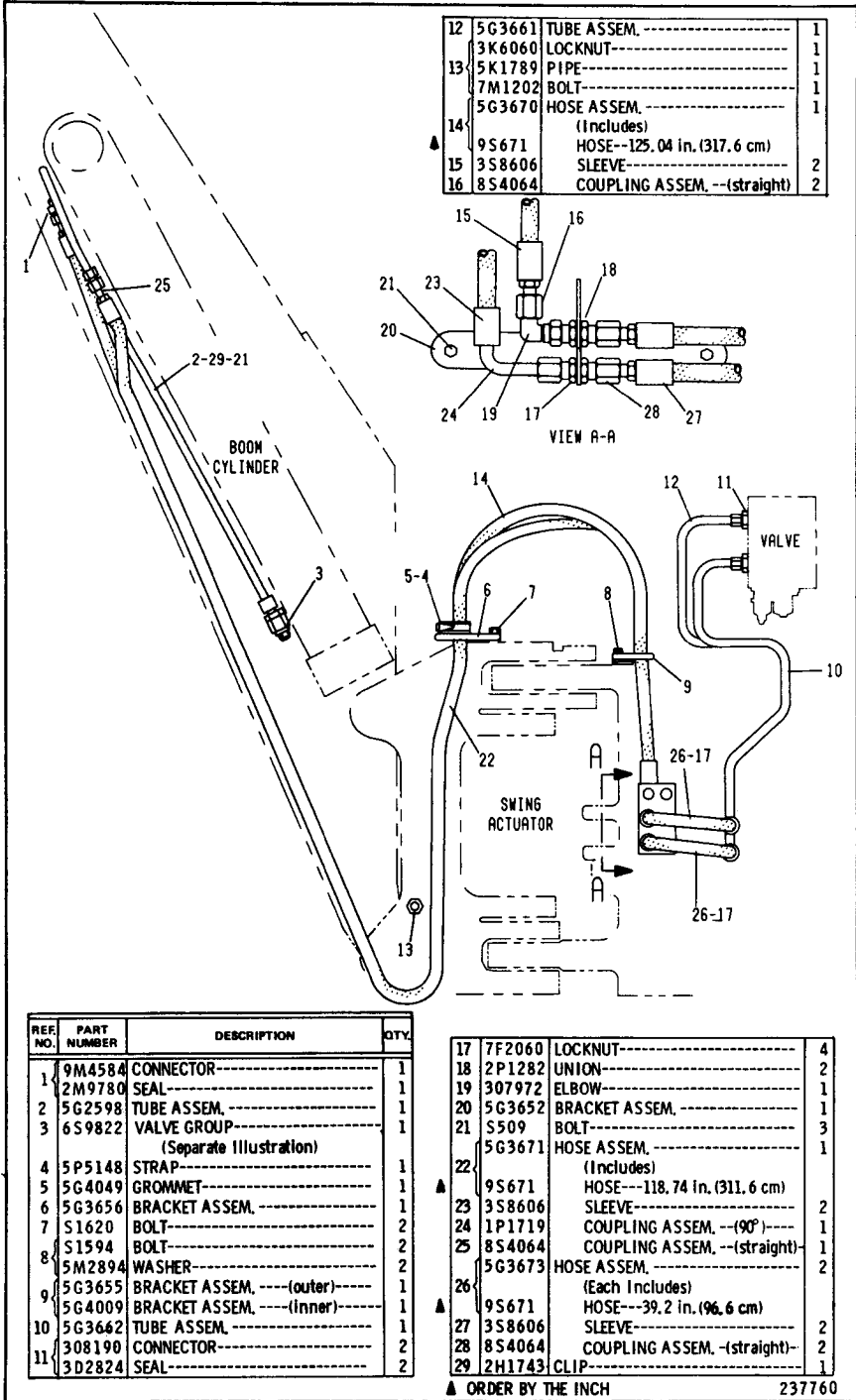


234976

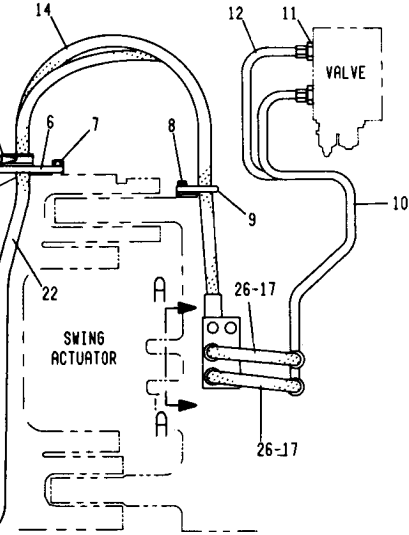
▲ ORDER BY THE INCH

5G2612 BOOM CYLINDER LINES GROUP
 Part of 5G2150 Fixed Pivot Backhoe Arrangement listed on Page 170A
 6S9822 Valve parts are shown on Page 135

CATERPILLAR D3B TRACTOR



12	5G3661	TUBE ASSEM.-----	1
	3K6060	LOCKNUT-----	1
13	5K1789	PIPE-----	1
	7M1202	BOLT-----	1
	5G3670	HOSE ASSEM.-----	1
▲ 14		(Includes)	
	9S671	HOSE---125.04 in. (317.6 cm)	2
15	3S8606	SLEEVE-----	2
16	8S4064	COUPLING ASSEM. --(straight)	2



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9M4584	CONNECTOR-----	1
	2M9780	SEAL-----	1
2	5G2598	TUBE ASSEM.-----	1
3	6S9822	VALVE GROUP-----	1
		(Separate Illustration)	
4	5P5148	STRAP-----	1
5	5G4049	GROMMET-----	1
6	5G3656	BRACKET ASSEM.-----	1
7	S1620	BOLT-----	2
	S1594	BOLT-----	2
8	5M2894	WASHER-----	2
9	5G3655	BRACKET ASSEM. ---(outer)-----	1
	5G4009	BRACKET ASSEM. ---(inner)-----	1
10	5G3662	TUBE ASSEM.-----	1
11	308190	CONNECTOR-----	2
	3D2824	SEAL-----	2

17	7F2060	LOCKNUT-----	4
18	2P1282	UNION-----	2
19	307972	ELBOW-----	1
20	5G3652	BRACKET ASSEM.-----	1
21	S509	BOLT-----	3
	5G3671	HOSE ASSEM.-----	1
22		(Includes)	
▲ 22	9S671	HOSE---118.74 in. (311.6 cm)	2
23	3S8606	SLEEVE-----	2
24	1P1719	COUPLING ASSEM. --(90°)-----	1
25	8S4064	COUPLING ASSEM. --(straight)-----	1
26	5G3673	HOSE ASSEM.-----	2
		(Each Includes)	
▲ 26	9S671	HOSE---39.2 in. (96.6 cm)	2
27	3S8606	SLEEVE-----	2
28	8S4064	COUPLING ASSEM. --(straight)-----	2
29	2H1743	CLIP-----	1

▲ ORDER BY THE INCH

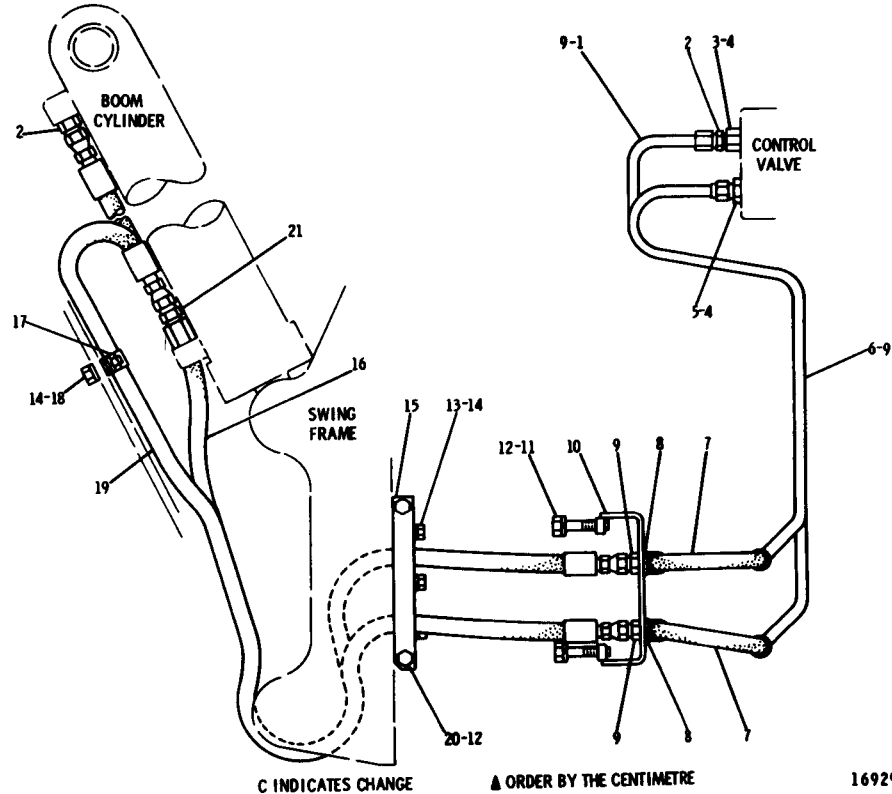
237760

5G3669 BOOM CYLINDER LINES GROUP
 Part of 5G3690 Backhoe Arrangement listed on Page 170B
 6S9822 Valve parts are shown on Page 135

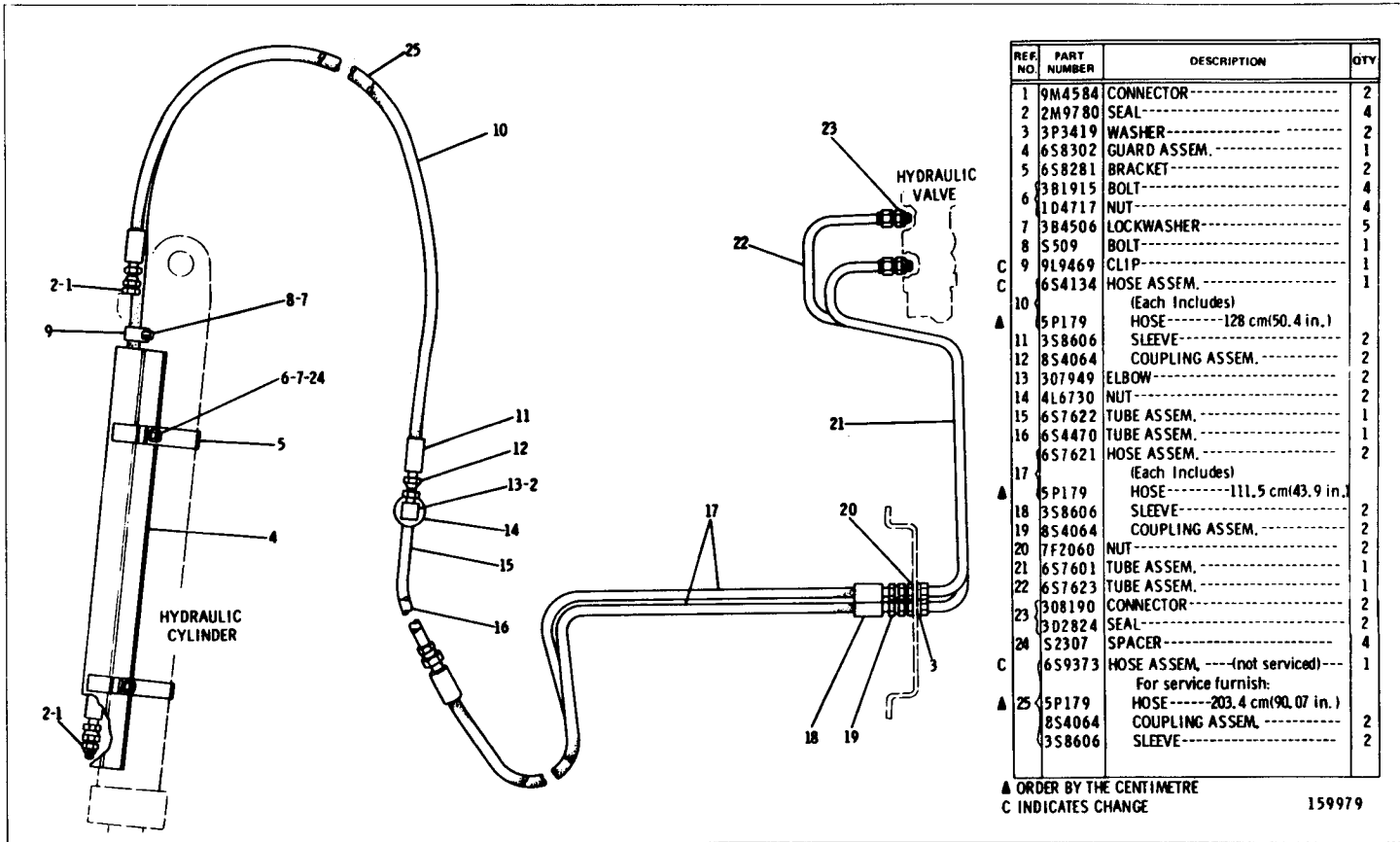
6S9401 BOOM CYLINDER LINES GROUP
 Part of 6S9400 Backhoe Arrangement listed on Page 171
 6S9822 Valve parts are shown on Page 135

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6S9396	TUBE ASSEM. -----	1
C	2	9M4584 CONNECTOR -----	2
C		2M9780 SEAL -----	2
C	3	5P2211 ADAPTER -----	1
	4	3D2824 SEAL -----	2
	5	308190 CONNECTOR -----	1
	6	6S9395 TUBE ASSEM. -----	1
		6S7009 HOSE ASSEM. -----	2
		(Each Includes)	
▲	7	5P179 HOSE -----94 cm(37.09 in.)	2
		8S4064 COUPLING ASSEM. -----	2
		3S8606 SLEEVE -----	2
	8	2P1326 ELBOW -----	2
	9	7F2060 NUT -----	4
	10	6S7460 BRACKET ASSEM. -----	1
	11	2B947 BOLT -----	2
	12	3B4508 LOCKWASHER -----	4
	13	L2070 BOLT -----	3
	14	3B4506 LOCKWASHER -----	4
	15	6S8377 CLAMP ASSEM. -----	1
		6S7600 CLAMP ----- (tapped)	1
		6S7518 HOSE ASSEM. -----	1
		(Includes)	
▲	16	5P179 HOSE -----210 cm(82.68 in.)	2
		8S4064 COUPLING ASSEM. -----	2
		3S8606 SLEEVE -----	1
	17	9L9469 CLIP -----	1
		1A2029 BOLT -----	1
	18	1D4717 NUT -----	1
		1A4784 WASHER -----	1
		6S7455 HOSE ASSEM. -----	1
		(Includes)	
▲	19	5P175 HOSE -----192.7 cm(75.86 in.)	2
		8S4064 COUPLING ASSEM. -----	2
		3S8606 SLEEVE -----	2
	20	1A5822 BOLT -----	2
C	21	6S9822 VALVE GROUP -----	1

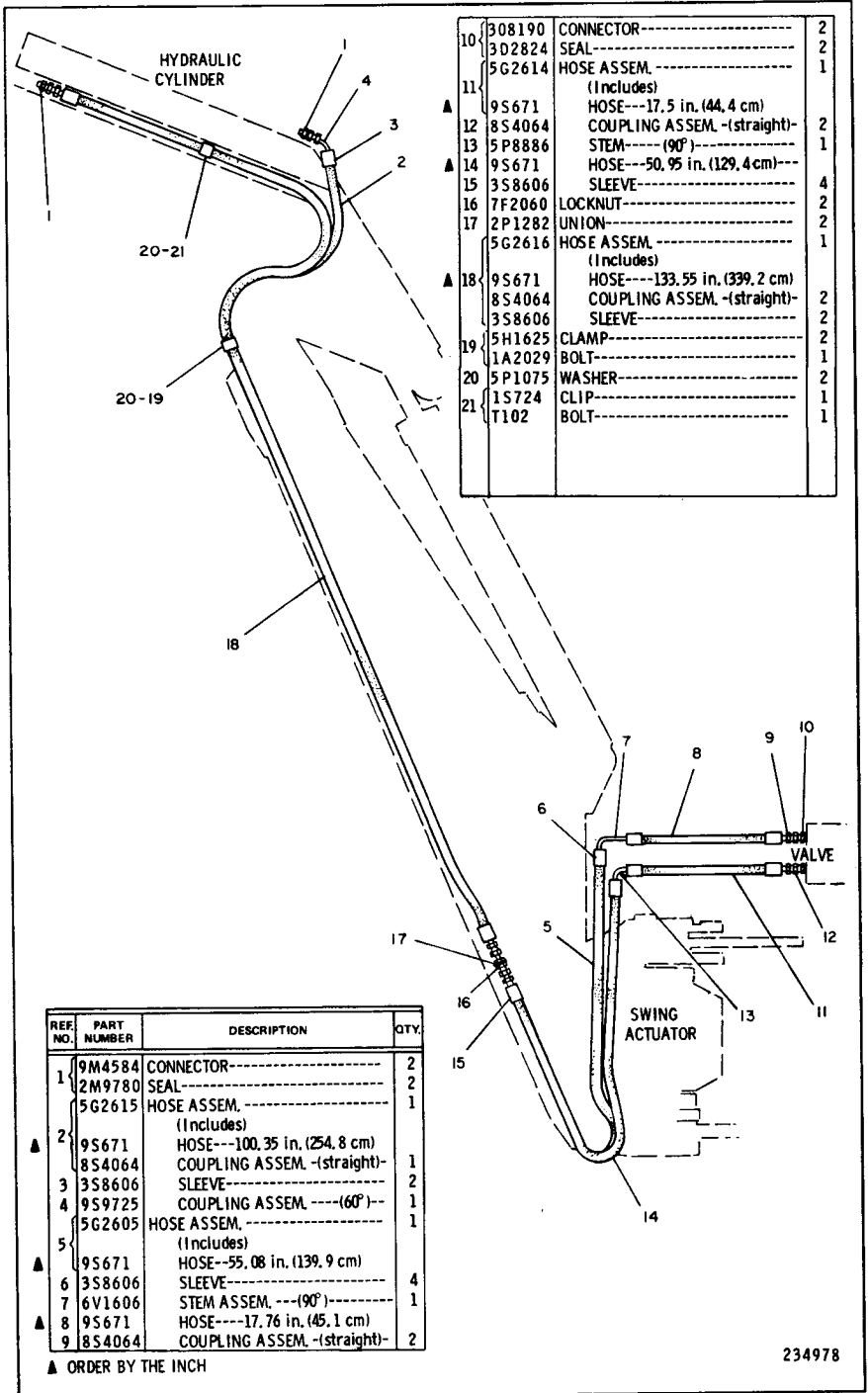
(Separate Illustration)



HYDRAULIC SYSTEM



6S4077 BUCKET CYLINDER LINES GROUP
Part of 6S4538 Backhoe Arrangement listed on Page 170



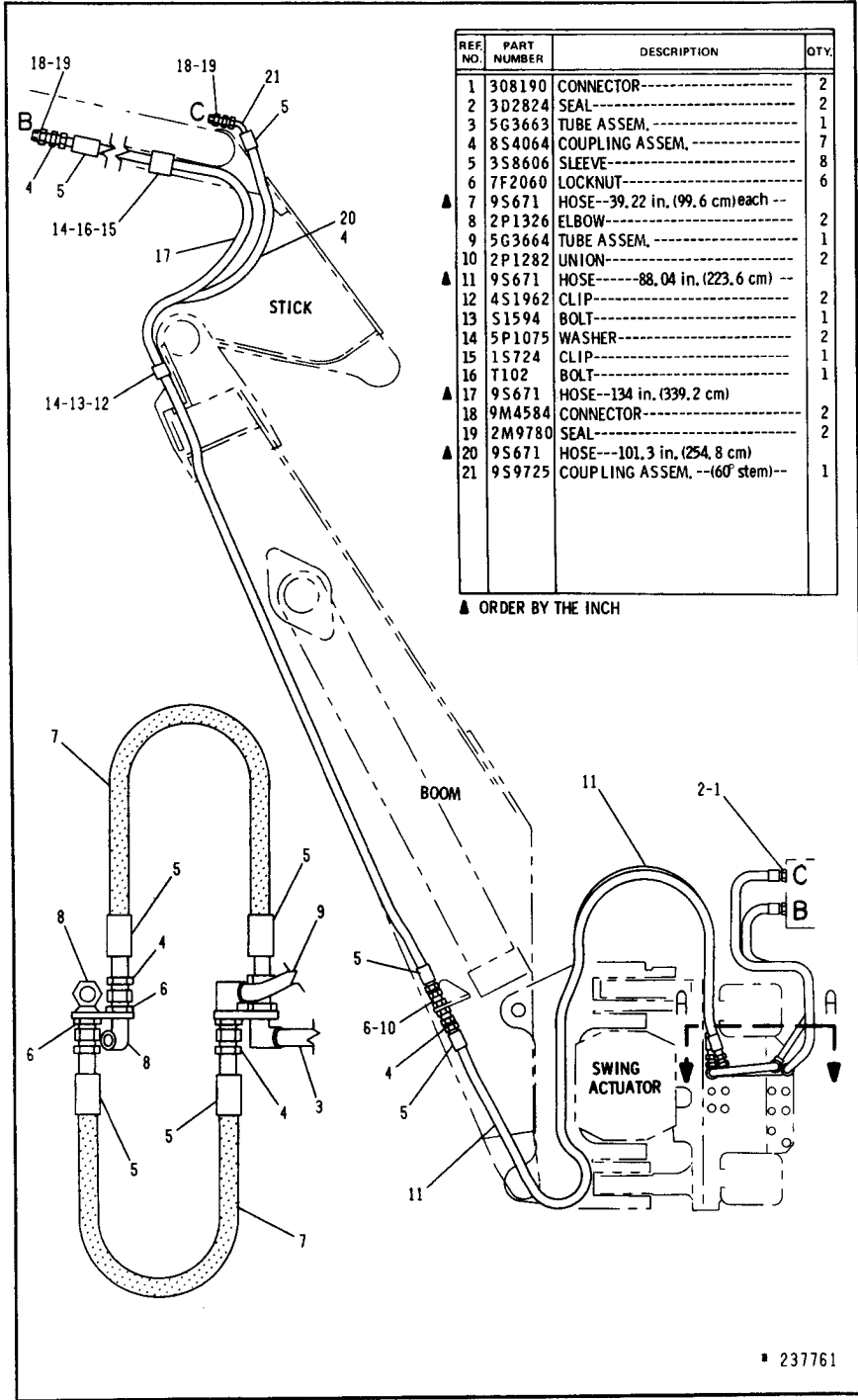
10	308190	CONNECTOR-----	2
	302824	SEAL-----	2
	5G2614	HOSE ASSEM.-----	1
▲ 11	9S671	(Includes) HOSE---17.5 in. (44.4 cm)	
12	8S4064	COUPLING ASSEM. -(straight)-	2
13	5P8886	STEM---(90°)---	1
▲ 14	9S671	HOSE---50.95 in. (129.4 cm)---	
15	3S8606	SLEEVE-----	4
16	7F2060	LOCKNUT-----	2
17	2P1282	UNION-----	2
	5G2616	HOSE ASSEM.-----	1
▲ 18	9S671	(Includes) HOSE---133.55 in. (339.2 cm)	
	8S4064	COUPLING ASSEM. -(straight)-	2
	3S8606	SLEEVE-----	2
19	5H1625	CLAMP-----	2
	1A2029	BOLT-----	1
20	5P1075	WASHER-----	2
	1S724	CLIP-----	1
21	T102	BOLT-----	1

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9M4584	CONNECTOR-----	2
	2M9780	SEAL-----	2
	5G2615	HOSE ASSEM.-----	1
▲ 2	9S671	(Includes) HOSE---100.35 in. (254.8 cm)	
	8S4064	COUPLING ASSEM. -(straight)-	1
3	3S8606	SLEEVE-----	2
4	9S9725	COUPLING ASSEM. ----(60°)---	1
	5G2605	HOSE ASSEM.-----	1
5		(Includes)	
▲ 6	9S671	HOSE--55.08 in. (139.9 cm)	
	3S8606	SLEEVE-----	4
7	6V1606	STEM ASSEM. ----(90°)---	1
8	9S671	HOSE---17.76 in. (45.1 cm)	
9	8S4064	COUPLING ASSEM. -(straight)-	2

▲ ORDER BY THE INCH

234978

5G2619 BUCKET CYLINDER LINES GROUP
 Part of 5G2150 Fixed Pivot Backhoe Arrangement listed on Page 170A



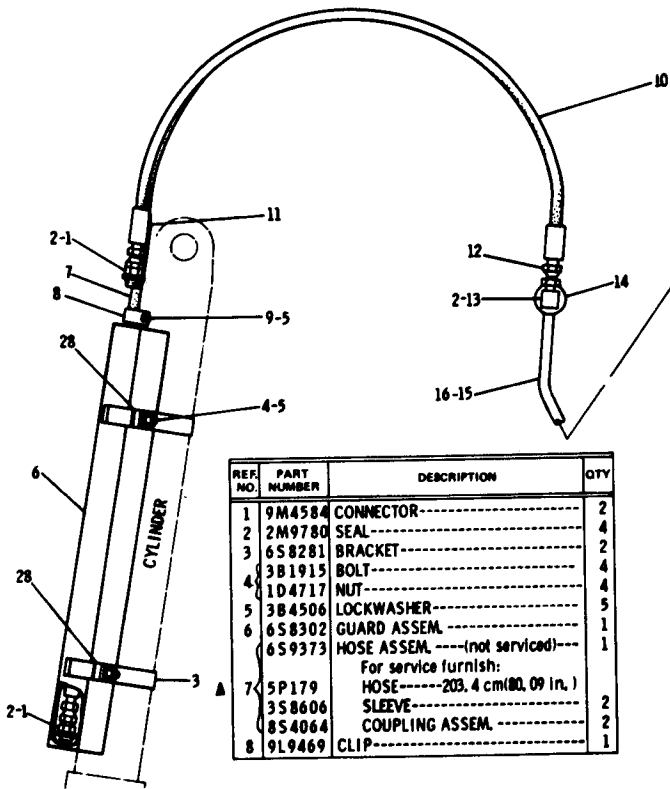
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	308190	CONNECTOR-----	2
2	3D2824	SEAL-----	2
3	5G3663	TUBE ASSEM.-----	1
4	8S4064	COUPLING ASSEM.-----	7
5	3S8606	SLEEVE-----	8
6	7F2060	LOCKNUT-----	6
▲ 7	9S671	HOSE---39,22 in. (99,6 cm) each --	8
8	2P1326	ELBOW-----	2
9	5G3664	TUBE ASSEM.-----	1
10	2P1282	UNION-----	2
▲ 11	9S671	HOSE---88,04 in. (223,6 cm) --	2
12	4S1962	CLIP-----	1
13	S1594	BOLT-----	2
14	5P1075	WASHER-----	2
15	1S724	CLIP-----	1
16	T102	BOLT-----	1
▲ 17	9S671	HOSE---134 in. (339,2 cm)	2
18	9M4584	CONNECTOR-----	2
19	2M9780	SEAL-----	2
▲ 20	9S671	HOSE---101,3 in. (254,8 cm)	2
21	9S9725	COUPLING ASSEM.---(60° stem)--	1

▲ ORDER BY THE INCH

237761

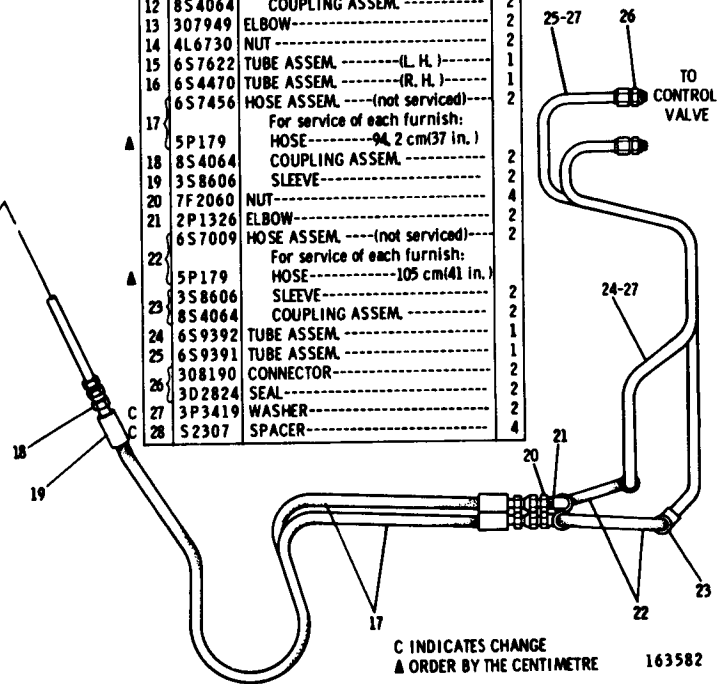
5G3672 BUCKET CYLINDER LINES GROUP
 Part of 5G3690 Backhoe Arrangement listed on Page 170B

6S9403 BUCKET CYLINDER LINES GROUP
 Part of 6S9400 Backhoe Arrangement listed on Page 171



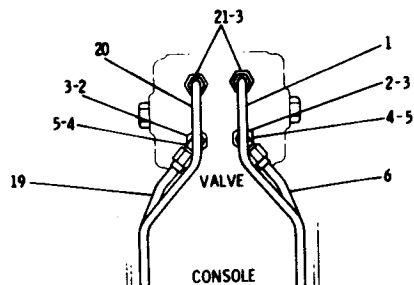
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9M4584	CONNECTOR-----	2
2	2M9780	SEAL-----	4
3	6S8281	BRACKET-----	2
4	3B1915	BOLT-----	4
4	1D4717	NUT-----	4
5	3B4506	LOCKWASHER-----	5
6	6S8302	GUARD ASSEM.-----	1
6	6S9373	HOSE ASSEM.-----(not serviced)---	1
For service furnish:			
7	5P179	HOSE-----203.4 cm(80.09 in.)	2
7	3S8606	SLEEVE-----	2
7	8S4064	COUPLING ASSEM.-----	2
8	9L9469	CLIP-----	1

9	5S09	BOLT-----	1
9	6S4134	HOSE ASSEM.-----(not serviced)---	1
For service furnish:			
10	5P179	HOSE-----128 cm(50.39 in.)	2
11	3S8606	SLEEVE-----	2
12	8S4064	COUPLING ASSEM.-----	2
13	307949	ELBOW-----	2
14	4L6730	NUT-----	2
15	6S7622	TUBE ASSEM.-----(L. H.)-----	1
16	6S4470	TUBE ASSEM.-----(R. H.)-----	1
16	6S7456	HOSE ASSEM.-----(not serviced)---	2
For service of each furnish:			
17	5P179	HOSE-----94.2 cm(37 in.)	2
18	8S4064	COUPLING ASSEM.-----	2
19	3S8606	SLEEVE-----	4
20	7F2060	NUT-----	2
21	2P1326	ELBOW-----	2
22	6S7009	HOSE ASSEM.-----(not serviced)---	2
For service of each furnish:			
23	5P179	HOSE-----105 cm(41 in.)	2
23	3S8606	SLEEVE-----	2
23	8S4064	COUPLING ASSEM.-----	1
24	6S9392	TUBE ASSEM.-----	1
25	6S9391	TUBE ASSEM.-----	2
26	308190	CONNECTOR-----	2
26	3D2824	SEAL-----	2
27	3P3419	WASHER-----	2
28	S2307	SPACER-----	4



C INDICATES CHANGE
 ▲ ORDER BY THE CENTIMETRE 163582

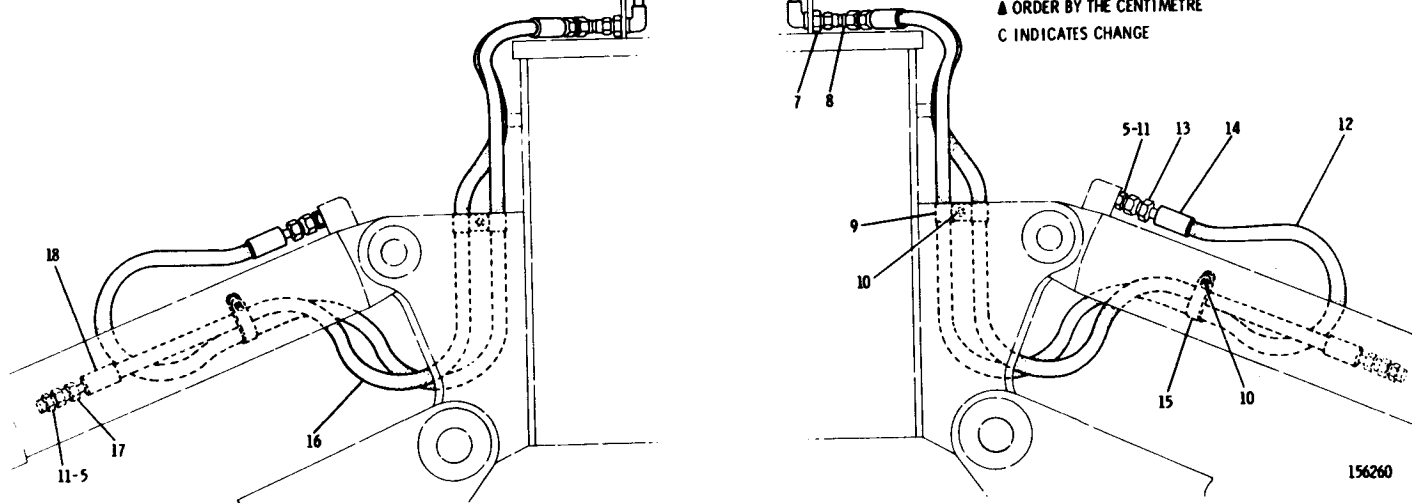
REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	6S9292	TUBE ASSEM. -----	1
2	5P1716	ADAPTER-----	2
3	3D2824	SEAL-----	4
C 4	8M505	CONNECTOR-----	2
5	3K360	SEAL-----	6
C 6	6S9293	TUBE ASSEM. -----	1
7	1D5120	NUT-----	4
C 8	3O7963	ELBOW-----	4
C 9	3S8665	CLIP-----	4
C 10	5509	BOLT-----	4
C 10	3B4506	LOCKWASHER-----	4
C 11	8M505	CONNECTOR-----	4



C ▲ 12	6S7449	HOSE ASSEM. -----	2
13	5P178	HOSE-----163 cm(64 in.)	2
14	2P987	COUPLING ASSEM. -----	2
15	4S5414	SLEEVE-----	2
16	6D4247	CLIP-----	2
C ▲ 16	6S6721	HOSE ASSEM. -----	2
17	5P178	HOSE-----126 cm(49. 6 in.)	2
18	2P987	COUPLING ASSEM. -----	2
19	4S5414	SLEEVE-----	2
C 19	6S9290	TUBE ASSEM. -----	1
C 20	6S9291	TUBE ASSEM. -----	1
21	3O8189	CONNECTOR-----	2

▲ ORDER BY THE CENTIMETRE

C INDICATES CHANGE



156260

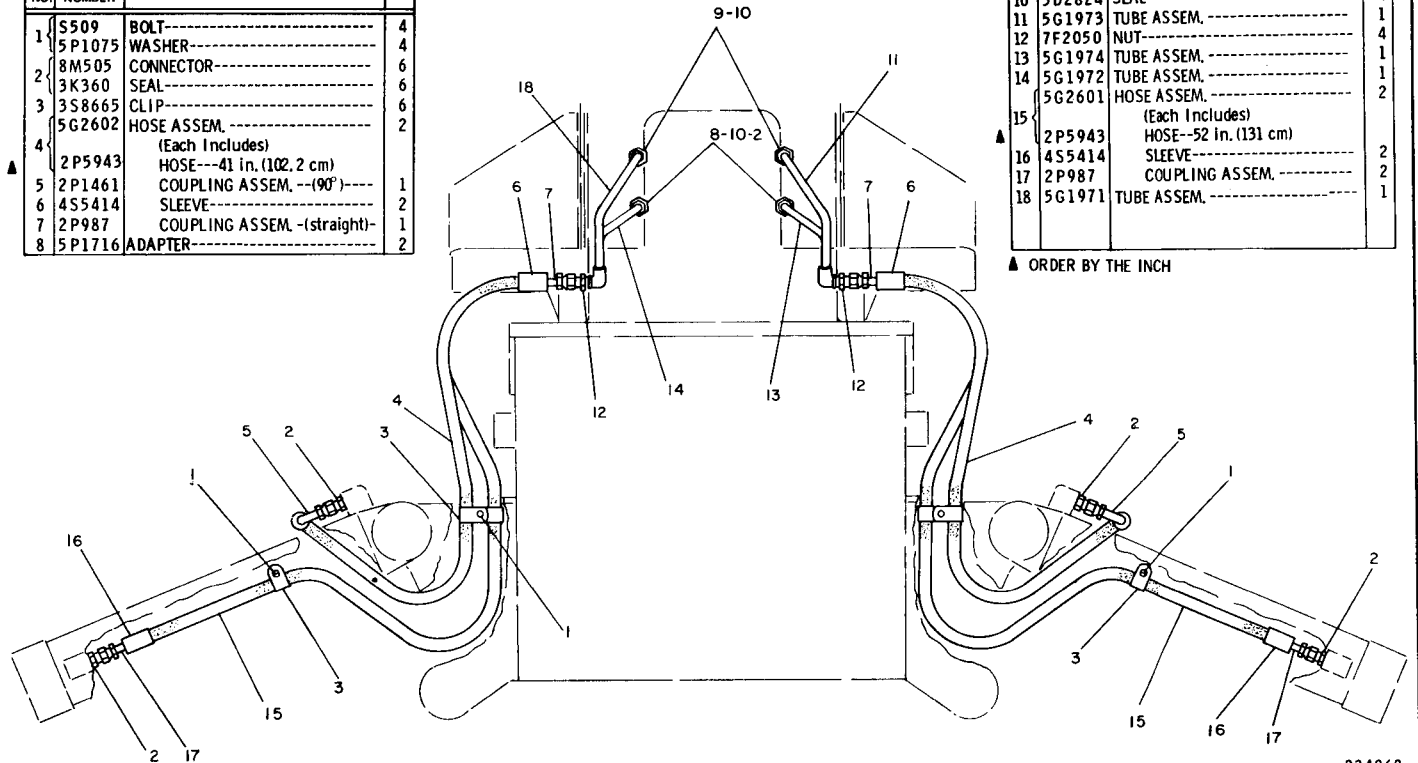
6S6373 STABILIZER LINES GROUP

Part of 6S4538 Backhoe Arrangement listed on Page 170

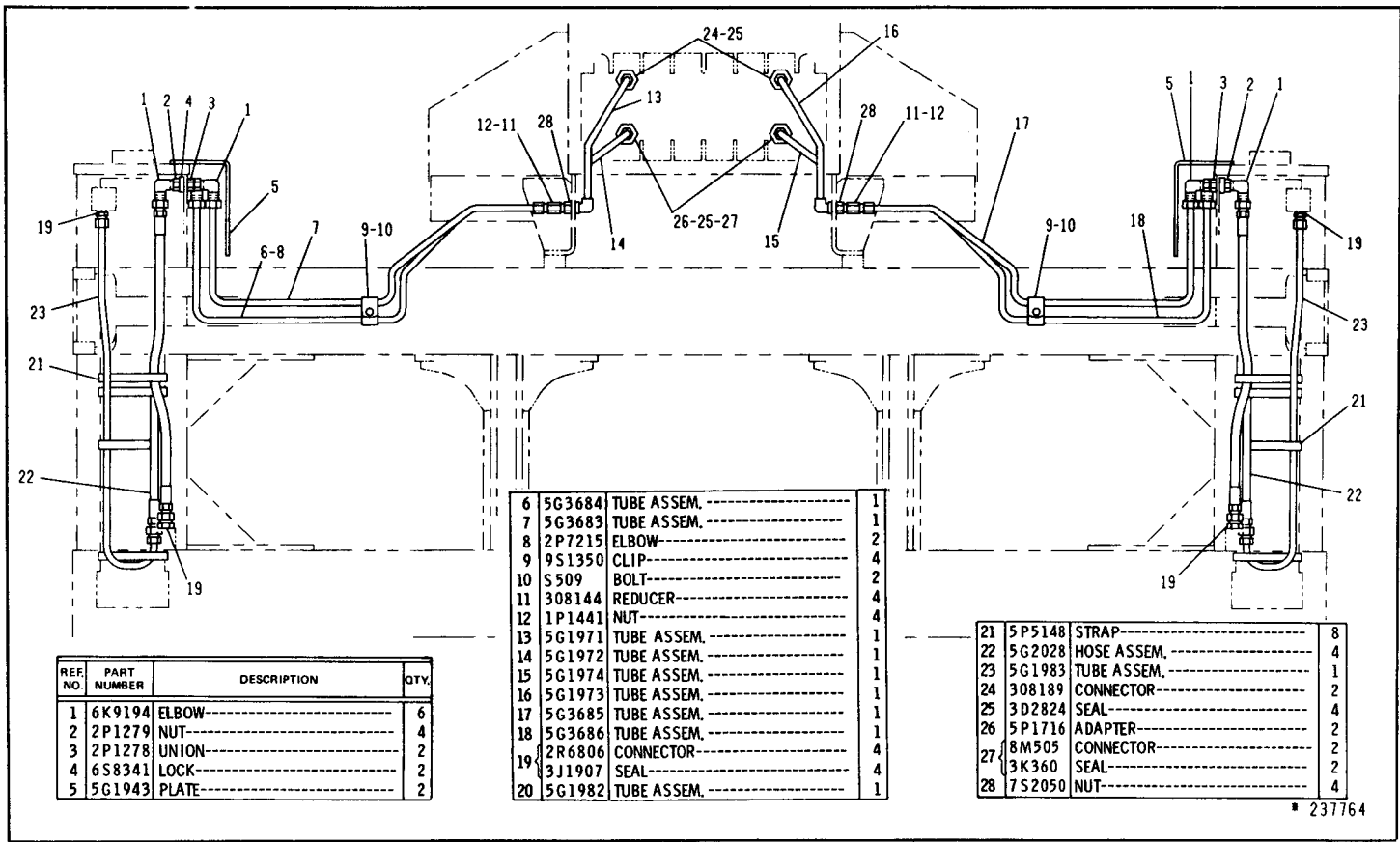
5G2216 STABILIZER LINES GROUP
 Part of 5G2150 Fixed Pivot Backhoe Arrangement listed on Page 170A

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	S509	BOLT-----	4
	5P1075	WASHER-----	4
2	8M505	CONNECTOR-----	6
	3K360	SEAL-----	6
3	3S8665	CLIP-----	6
	5G2602	HOSE ASSEM.-----	2
4	2P5943	(Each Includes) HOSE---41 in. (102,2 cm)	
5	2P1461	COUPLING ASSEM. --(90°)---	1
6	4S5414	SLEEVE-----	2
7	2P987	COUPLING ASSEM. --(straight)---	1
8	5P1716	ADAPTER-----	2

9	308189	CONNECTOR-----	2
10	3D2824	SEAL-----	4
11	5G1973	TUBE ASSEM.-----	1
12	7F2050	NUT-----	4
13	5G1974	TUBE ASSEM.-----	1
14	5G1972	TUBE ASSEM.-----	1
15	5G2601	HOSE ASSEM.-----	2
		(Each Includes) HOSE--52 in. (131 cm)	
16	4S5414	SLEEVE-----	2
17	2P987	COUPLING ASSEM.-----	2
18	5G1971	TUBE ASSEM.-----	1



234962



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	6K9194	ELBOW-----	6
2	2P1279	NUT-----	4
3	2P1278	UNION-----	2
4	6S8341	LOCK-----	2
5	5G1943	PLATE-----	2

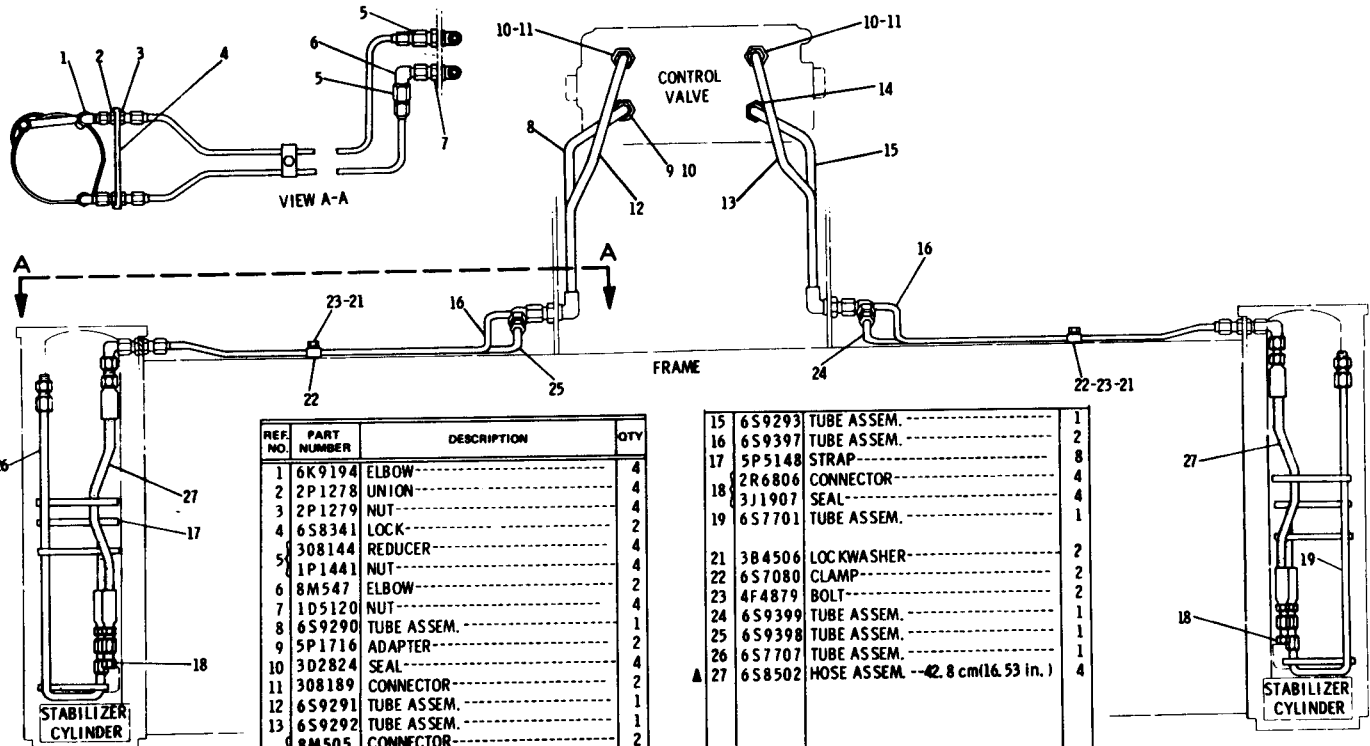
6	5G3684	TUBE ASSEM.-----	1
7	5G3683	TUBE ASSEM.-----	1
8	2P7215	ELBOW-----	2
9	9S1350	CLIP-----	4
10	S509	BOLT-----	2
11	308144	REDUCER-----	4
12	1P1441	NUT-----	4
13	5G1971	TUBE ASSEM.-----	1
14	5G1972	TUBE ASSEM.-----	1
15	5G1974	TUBE ASSEM.-----	1
16	5G1973	TUBE ASSEM.-----	1
17	5G3685	TUBE ASSEM.-----	1
18	5G3686	TUBE ASSEM.-----	1
19	2R6806	CONNECTOR-----	4
	3J1907	SEAL-----	4
20	5G1982	TUBE ASSEM.-----	1

21	5P5148	STRAP-----	8
22	5G2028	HOSE ASSEM.-----	4
23	5G1983	TUBE ASSEM.-----	1
24	308189	CONNECTOR-----	2
25	3D2824	SEAL-----	4
26	5P1716	ADAPTER-----	2
27	8M505	CONNECTOR-----	2
	3K360	SEAL-----	2
28	7S2050	NUT-----	4

* 237764

5G3682 STABILIZER CYLINDER LINES GROUP
Part of 5G3690 Backhoe Arrangement listed on Page 170B

6S9410 STABILIZER LINES GROUP
 Part of 6S9400 Backhoe Arrangement listed on Page 171



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6K9194	ELBOW	4
2	2P1278	UNION	4
3	2P1279	NUT	4
4	6S8341	LOCK	2
5	308144	REDUCER	4
5	1P1441	NUT	4
6	8M547	ELBOW	2
7	1D5120	NUT	4
8	6S9290	TUBE ASSEM.	1
9	5P1716	ADAPTER	2
10	3D2824	SEAL	4
11	308189	CONNECTOR	2
12	6S9291	TUBE ASSEM.	1
13	6S9292	TUBE ASSEM.	1
14	8M505	CONNECTOR	2
14	3K360	SEAL	2

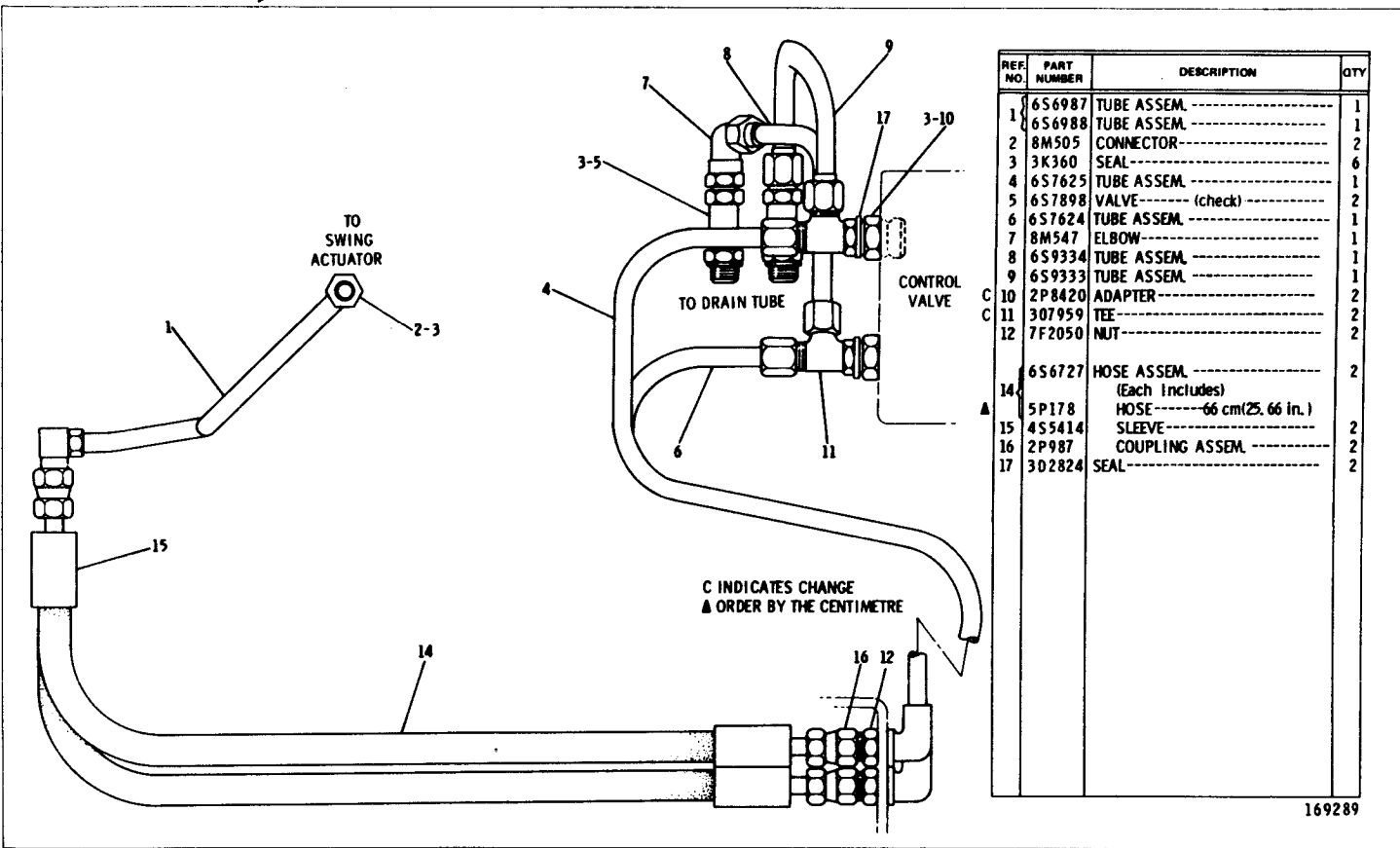
C INDICATES CHANGE

15	6S9293	TUBE ASSEM.	1
16	6S9397	TUBE ASSEM.	2
17	5P5148	STRAP	8
18	2R6806	CONNECTOR	4
18	3J1907	SEAL	4
19	6S7701	TUBE ASSEM.	1
21	3B4506	LOCKWASHER	2
22	6S7080	CLAMP	2
23	4F4879	BOLT	2
24	6S9399	TUBE ASSEM.	1
25	6S9398	TUBE ASSEM.	1
26	6S7707	TUBE ASSEM.	1
27	6S8502	HOSE ASSEM. --42.8 cm(16.53 in.)	4

▲ ORDER BY THE CENTIMETRE

159687

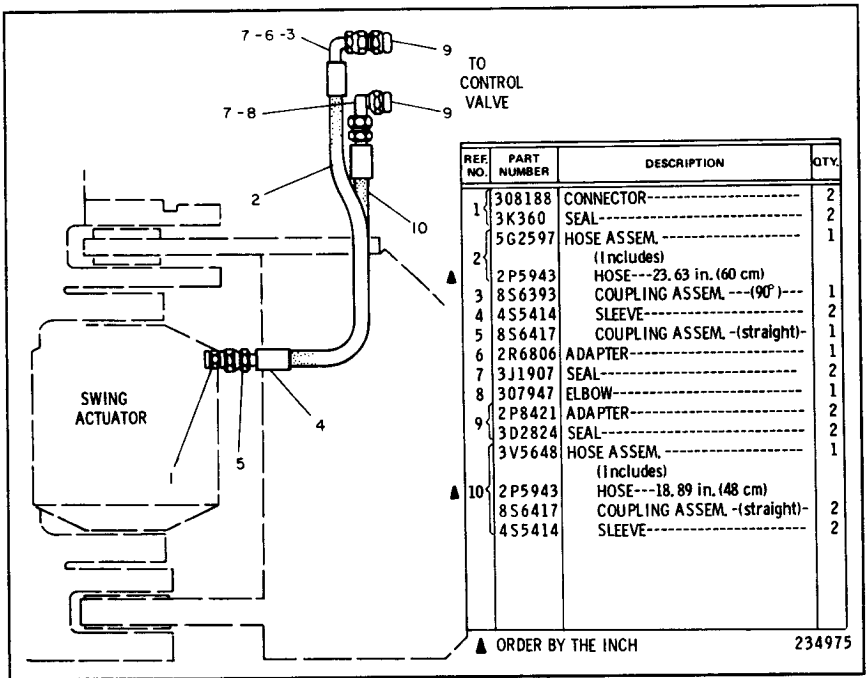
HYDRAULIC SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6S6987	TUBE ASSEM. -----	1
1	6S6988	TUBE ASSEM. -----	1
2	8M505	CONNECTOR -----	2
3	3K360	SEAL -----	6
4	6S7625	TUBE ASSEM. -----	1
5	6S7898	VALVE----- (check)	2
6	6S7624	TUBE ASSEM. -----	1
7	8M547	ELBOW-----	1
8	6S9334	TUBE ASSEM. -----	1
9	6S9333	TUBE ASSEM. -----	2
C 10	2P8420	ADAPTER-----	1
C 11	307959	TEE-----	2
12	7F2050	NUT-----	2
14	6S6727	HOSE ASSEM. -----	2
		(Each includes)	
A 15	5P178	HOSE-----66 cm(25.66 in.)	2
16	4S5414	SLEEVE-----	2
16	2P987	COUPLING ASSEM. -----	2
17	3D2824	SEAL-----	2

169289

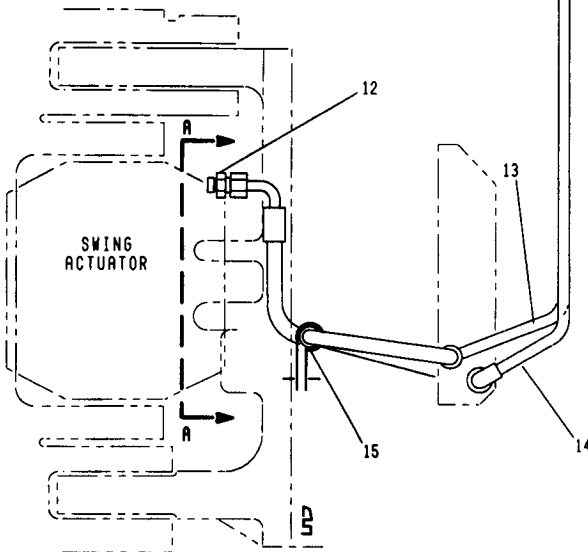
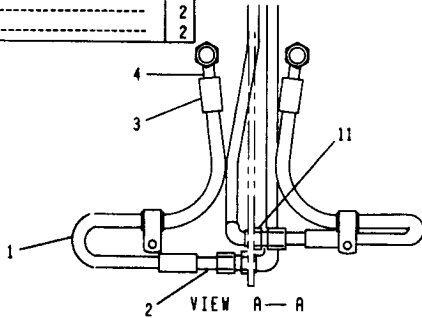
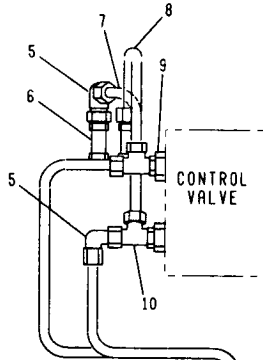
6S6389 SWING ACTUATOR LINES GROUP
 Part of 6S4538 Backhoe Arrangement listed on Page 170



5G2806 SWING ACTUATOR LINES GROUP
 Part of 5G2150 Fixed Pivot Backhoe Arrangement listed on Page 170A

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G3681	HOSE ASSEM. -----	2
	(Each Includes)		
2	2P5943	HOSE---46,30 in. (117.6 cm)	1
2	2P1461	COUPLING ASSEM. --(straight)	1
3	4S5414	SLEEVE-----	2
4	2P987	COUPLING ASSEM. ---(90°)---	1
5	8M547	ELBOW-----	2
6	6S7898	VALVE-----	2
7	6S9334	TUBE ASSEM. -----	1
8	6S9333	TUBE ASSEM. -----	1
9	6V1722	ADAPTER-----	2
9	3D2824	SEAL-----	2
10	3O7959	TEE-----	2
11	7F2050	LOCKNUT-----	2
12	8M505	CONNECTOR-----	2
12	3K360	SEAL-----	2
13	5G3667	TUBE ASSEM. -----	1
14	5G3668	TUBE ASSEM. -----	1
15	7S530	CLIP-----	2
15	5G3676	GROMMET-----	2
15	S1594	BOLT-----	2

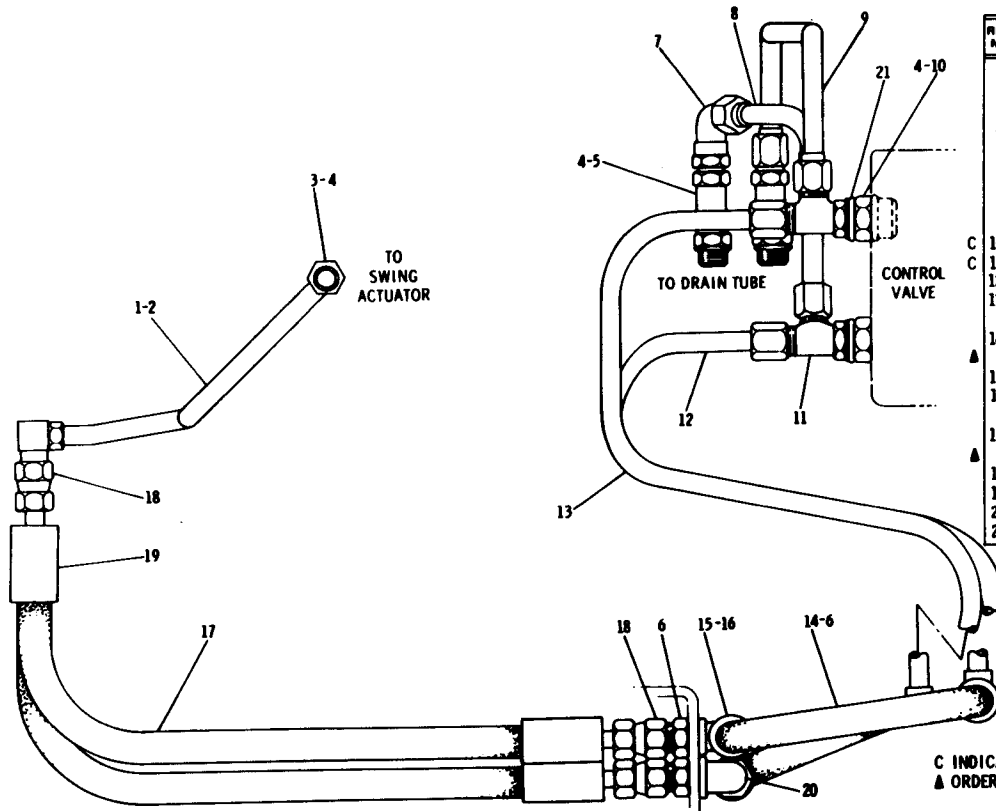
▲ ORDER BY THE INCH



■ 237763

5G3679 SWING ACTUATOR LINES GROUP
 Part of 5G3690 Backhoe Arrangement listed on Page 170B

6S9404 SWING ACTUATOR LINES GROUP
 Part of 6S9400 Backhoe Arrangement listed on Page 171



REF NO.	PART NUMBER	DESCRIPTION	QTY	
1	6S6987	TUBE ASSEM. -----	1	
2	6S6988	TUBE ASSEM. -----	1	
3	8M505	CONNECTOR -----	2	
4	3K360	SEAL -----	6	
5	6S7898	VALVE -----(check)-----	2	
6	7F2050	NUT -----	4	
6	8M547	ELBOW -----	1	
8	6S9333	TUBE ASSEM. -----	1	
9	6S9334	TUBE ASSEM. -----	1	
10	2P8420	ADAPTER -----	2	
C	11	307959	TEE -----	2
C	12	6S9390	TUBE ASSEM. -----	1
	13	6S9389	TUBE ASSEM. -----	1
		6S7011	HOSE ASSEM. -----	2
		(Each Includes)		
A	14	5P178	HOSE -----94.20 cm(37.09 in.)	2
	15	4S5414	SLEEVE -----	2
	16	2P987	COUPLING ASSEM. -----	2
		6S7457	HOSE ASSEM. -----	2
		(Each Includes)		
A	17	5P178	HOSE -----47.8 cm(18.83 in.)	2
	18	2P987	COUPLING ASSEM. -----	2
	19	4S5414	SLEEVE -----	2
	20	2P2204	ELBOW -----	2
	21	3D2824	SEAL -----	2

C INDICATES CHANGE
 ▲ ORDER BY THE CENTIMETRE

169290

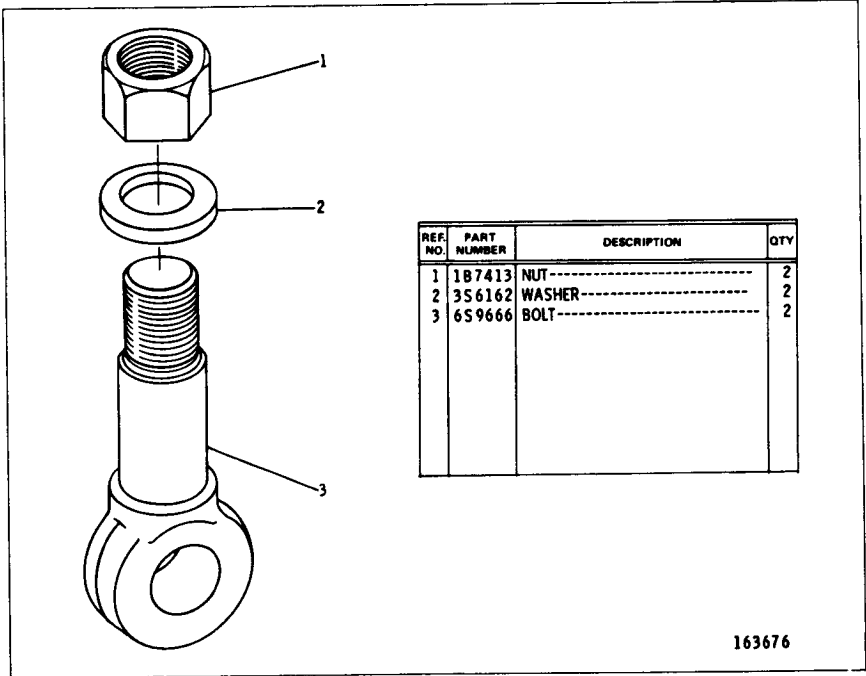
CATERPILLAR D3B TRACTOR

CONSISTS OF:		PAGE
1	8J1188 BULLDOZER ARRANGEMENT	166
2	7J9223 LIFT CYLINDER GROUP	137
1	5G1054 ANGLING CYLINDER LINES GROUP	150
1	5G1039 LIFT CYLINDER LINES GROUP	149
1	5G1047 TILT CYLINDER LINES GROUP	152
2	9J8698 ANGLING CYLINDER GROUP	138
1	5G269 TRUNNION MOUNTING GROUP	167

3G9290 3P BULLDOZER ARRANGEMENT—Power Angling and Tilt
FOR USE WITH 5G558 OR 5G568 HYDRAULIC ARRANGEMENTS LISTED ON
PAGE 120. AN ATTACHMENT

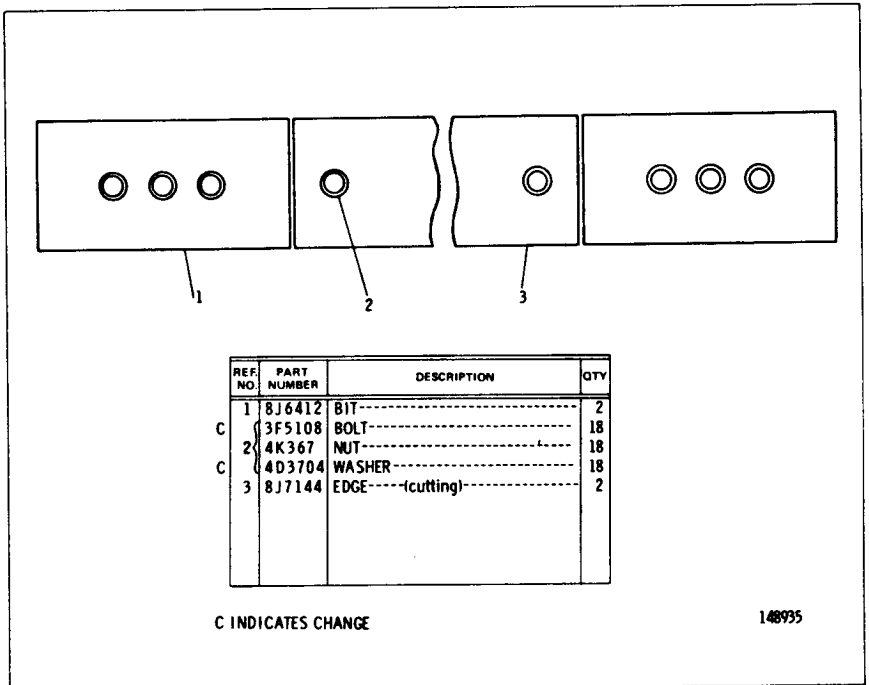
CONSISTS OF:		PAGE
1	9J8674 TILT CYLINDER GROUP	139
1	8J751 C-FRAME GROUP	169
1	9J9241 ANGLING BLADE GROUP	168

8J1188 ANGLE AND TILT BULLDOZER ARRANGEMENT
Serial No. 85U3210—Up
Part of 3G9290 Bulldozer Arrangement



163676

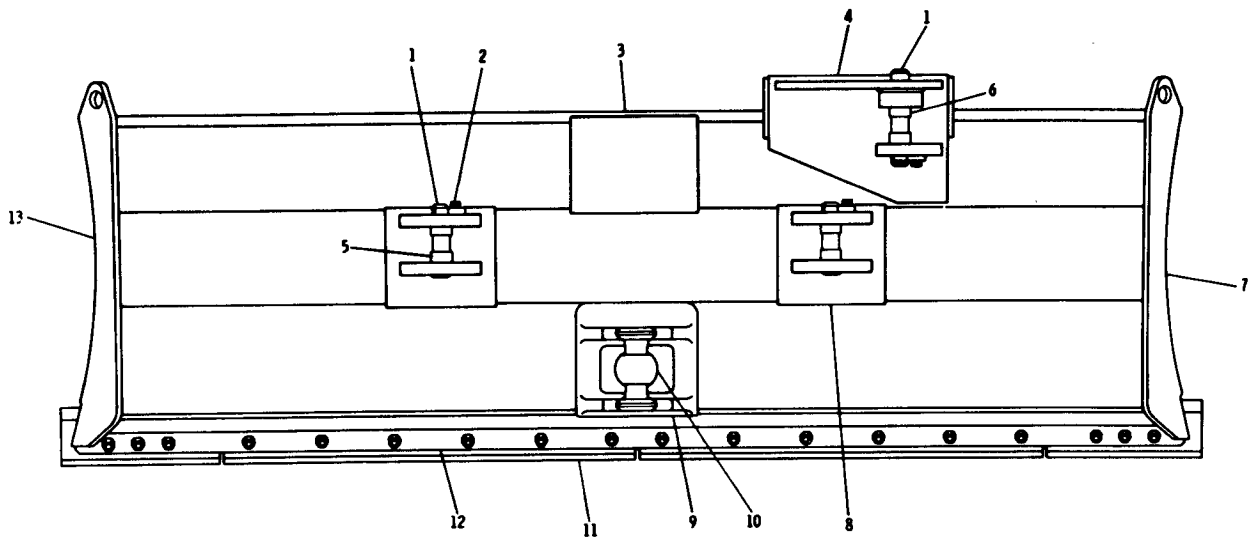
5G269 TRUNNION MOUNTING GROUP
Part of 3G9290 Bulldozer Arrangement listed on Page 166
AN ATTACHMENT



C INDICATES CHANGE

148935

8J7146 BIT AND CUTTING EDGE GROUP
Part of 9J9241 Angling Blade Group shown on Page 168



REF NO	PART NUMBER	DESCRIPTION	QTY
C 1	3G3005	PIN-----	3
	1A2029	BOLT-----	3
2	3B4506	LOCKWASHER-----	3
	8J729	RETAINER-----	3
3	8J911	MOLDBOARD-----	1

4	9J9155	BRACKET ASSEM.-----	1
5	9J9004	SPACER-----	1
6	8J3344	SPACER-----	2
7	8J899	PLATE----- (R. H.)	1
8	9J7300	BRACKET ASSEM.-----	2
9	8J3989	BRACKET ASSEM.-----	1
		(Includes)	
10	7J5131	TRUNNION-----	1

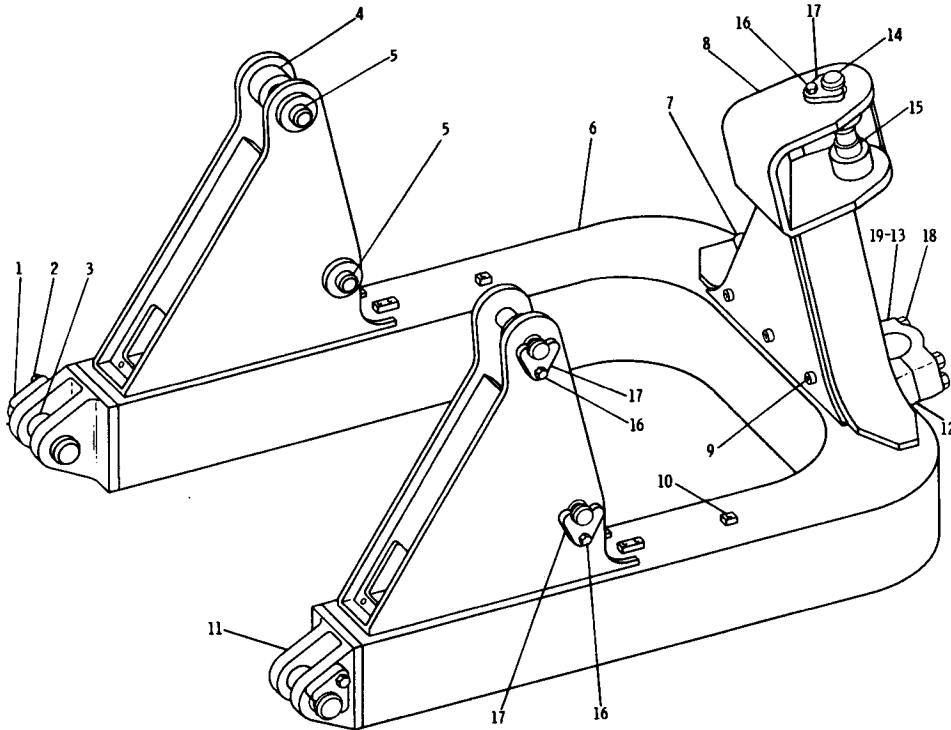
11	8J7146	CUTTING EDGE GROUP-----	1
		(Separate Illustration)	
12	8J913	SUPPORT-----	1
13	8J900	PLATE----- (L. H.)	1

C INDICATES CHANGE

223540

9J9241 ANGLING BLADE GROUP
 Part of 8J1188 Angle and Tilt Bulldozer Arrangement listed on Page 166
 8J7146 Bit and Cutting Edge parts are shown on Page 167

8J751 C-FRAME GROUP
 Part of 8J1188 Angle and Tilt Bulldozer Arrangement listed on Page 166



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8J1054	RETAINER-----	2
2	7B3235	BOLT-----	2
3	3B4508	LOCKWASHER-----	2
4	8J922	PIN-----	2
4	8J3349	SPACER-----	4
5	8J927	PIN-----	4
6	8J750	FRAME ASSEM.-----	1
		(Includes)	
7	6S8948	BOSS-----	2
8	8J3372	BRACKET ASSEM.-----	1
9	4D9376	BOSS-----	3
10	5B8855	SCREW PLATE-----	2
11	8J3443	BEARING-----	2
	3G2573	PLATE ASSEM.-----	1
		(Includes)	
12	8J9162	STOP-----	1
C 13	3G2569	CAP-----	1
13	3G2569	CAP-----	1
14	8J928	PIN-----	1
15	8J3344	SPACER-----	2
16	1A2029	BOLT-----	5
	3B4506	LOCKWASHER-----	5
17	8J729	RETAINER-----	5
C 18	1D4634	BOLT-----	4
C 19	3G2585	SHIM-----	8

C INDICATES CHANGE

227892

CONSISTS OF:		PAGE
1	8J5448 STICK CYLINDER GROUP	141
1	8J5555 BOOM CYLINDER GROUP	142
1	8J5642 BUCKET CYLINDER GROUP	143
1	8J6903 STABILIZER CYLINDER GROUP--L.H.	144
1	8J6904 STABILIZER CYLINDER GROUP--R.H.	145
1	6S3992 BUCKET LINKAGE GROUP	183
1	6S4077 BUCKET CYLINDER LINES GROUP	160
1	6S4500 BOOM GROUP	182
1	6S4501 HOE STICK GROUP	181
1	5G1007 SWING ACTUATOR GROUP	179
1	6S6215 SWING FRAME GROUP	177
1	6S6373 STABILIZER LINES GROUP	162
1	5G1025 MOUNTING AND CONTROL GROUP	173
1	6S6389 SWING ACTUATOR LINES GROUP	164
1	6S6390 BACKHOE FRAME GROUP	175
1	6S9320 BACKHOE CONSOLE GROUP	174
2	6S6393 STABILIZER GROUP	178
1	6S6945 BOOM CYLINDER LINES GROUP	158
1	6S7017 STICK CYLINDER LINES GROUP	157
1	6S9331 CONTROL VALVE AND LINES GROUP	132
1	9J723 RELIEF VALVE GROUP	130

CONSISTS OF:		PAGE
1	5G2465 SWING FRAME GROUP	176B
1	5G2235 BACKHOE FRAME GROUP	176A
1	5G2216 STABILIZER LINES GROUP	162A
1	5G2612 BOOM CYLINDER LINES GROUP	158A
1	5G2618 STICK CYLINDER LINES GROUP	156A
1	5G2619 BUCKET CYLINDER LINES GROUP	160A
1	5G2464 SWING ACTUATOR GROUP	178A
1	5G2606 SWING ACTUATOR LINES GROUP	164A
1	3G5767 BOOM CYLINDER GROUP	142A
1	3G5771 STICK CYLINDER GROUP	141B
1	3G5905 BUCKET CYLINDER GROUP	142B
1	5G2582 VALVE AND LINES GROUP	132A
1	5G2586 MOUNTING AND CONTROL GROUP	173B
1	5G2543 CONSOLE GROUP	174A
1	5G2721 BOOM GROUP	182A
1	5G2717 HOE STICK GROUP	181B
1	5G2695 LINKAGE GROUP	182B
1	5G2963 STEP GROUP	178A
1	1U2655 STABILIZER CYLINDER GROUP	144B
1	1U2656 STABILIZER CYLINDER GROUP	144A
2	5G2979 STABILIZER GROUP	178

CONSISTS OF:		PAGE
1	3G5771 CYLINDER GROUP	141B
1	3G5905 CYLINDER GROUP	142B
1	3G6792 CYLINDER GROUP	146A
1	5G2465 SWING FRAME GROUP	176B
1	5G2586 MOUNTING AND CONTROL GROUP	173B
1	5G2695 BUCKET LINKAGE GROUP	182B
1	5G2717 HOE STICK GROUP	181B
1	5G2721 BOOM GROUP	182A
1	5G3260 BACKHOE FRAME GROUP	176-1
1	5G3443 SLIDING FRAME GROUP	176-2
1	5G3446 CYLINDER GROUP	146B
1	5G3594 BACKHOE CONSOLE GROUP	174B
1	5G3669 BOOM CYLINDER LINES GROUP	158B
1	5G3672 BUCKET CYLINDER LINES GROUP	160B
1	5G3675 STICK CYLINDER LINES GROUP	156B
1	5G3679 SWING ACTUATOR LINES GROUP	164B
1	5G3682 STABILIZER LINES GROUP	162B
1	5G3687 LINES AND VALVE GROUP	132A-1
1	5G3692 SIDESHIFT LOCK LINES AND VALVE GROUP .	132A-2
1	5G3761 SWING ACTUATOR GROUP	178B

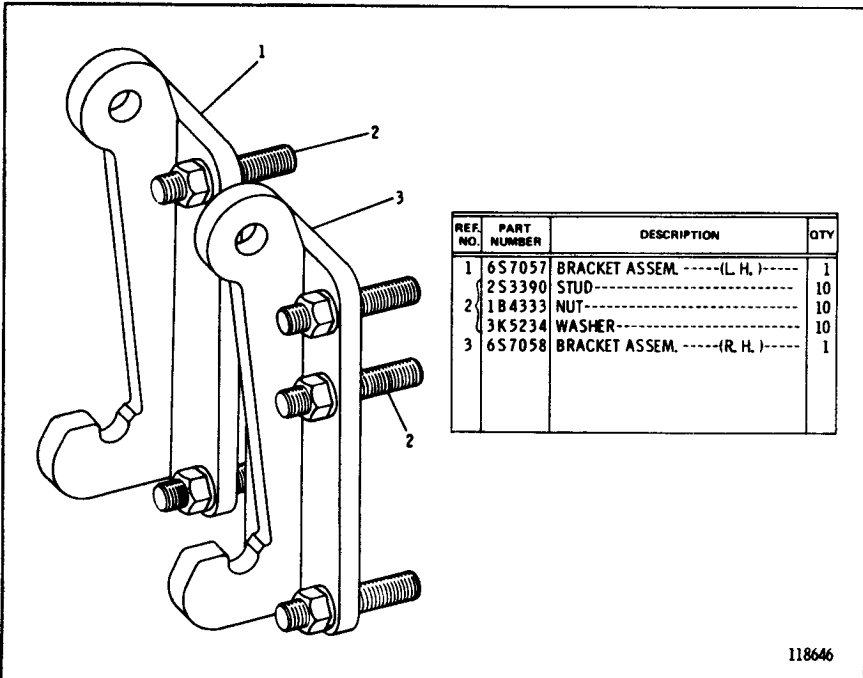
CONSISTS OF:			PAGE
1	8J5448	STICK CYLINDER GROUP	141
1	8J5555	BOOM CYLINDER GROUP	142
1	8J5642	BUCKET CYLINDER GROUP	143
2	8J9481	STABILIZER CYLINDER GROUP	146
1	6S3992	BUCKET LINKAGE GROUP	183
1	6S4500	BOOM GROUP	182
1	6S4501	HOE STICK GROUP	181
1	5G1007	SWING ACTUATOR GROUP	179
1	6S6215	SWING FRAME GROUP	177
1	6S8305	SLIDING FRAME GROUP	177
1	6S8638	TOOL GROUP	218
1	6S9320	BACKHOE CONSOLE GROUP	174
1	5G1025	MOUNTING AND CONTROL GROUP	173
1	6S9331	CONTROL VALVE AND LINES GROUP	132
1	6S9401	BOOM CYLINDER LINES GROUP	159
1	6S9402	STICK CYLINDER LINES GROUP	156
1	6S9403	BUCKET CYLINDER LINES GROUP	161
1	6S9404	SWING ACTUATOR LINES GROUP	165
1	6S9410	STABILIZER LINES GROUP	163
1	6S9411	BACKHOE FRAME GROUP	176
1	9J723	RELIEF VALVE GROUP	130

CONSISTS OF:

PAGE

1	6S6371	BACKHOE MOUNTING GROUP	172
1	5G2334	REVERSIBLE SEAT GROUP	211
1	5G2105	HYDRAULIC LINES GROUP	155
1	5G2341	HYDRAULIC OIL TEMPERATURE GAUGE GROUP ..	119
1	5G2987	SHIELD GROUP--HEAT	104A
1	5G2988	HANDLE GROUP--ASSIST.	192A
1	5P1107	FILM--INSTRUCTION	
1	.....	FORM SMHS6867	

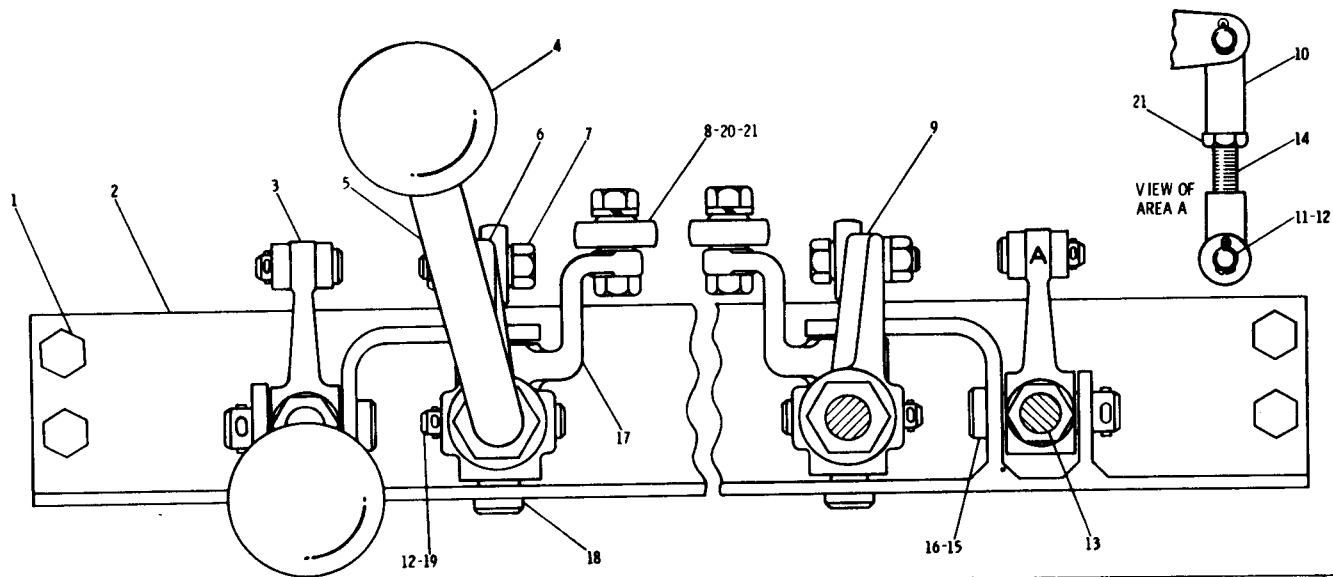
**5G2173 BACKHOE MOUNTING ARRANGEMENT
AN ATTACHMENT**



118646

6S6371 BACKHOE MOUNTING GROUP
Part of 5G2173 Backhoe Mounting Arrangement
AN ATTACHMENT

5G1025 MOUNTING AND CONTROL GROUP
 Part of 6S4538 and 6S9400 Backhoe Arrangements listed on Pages 170 and 171

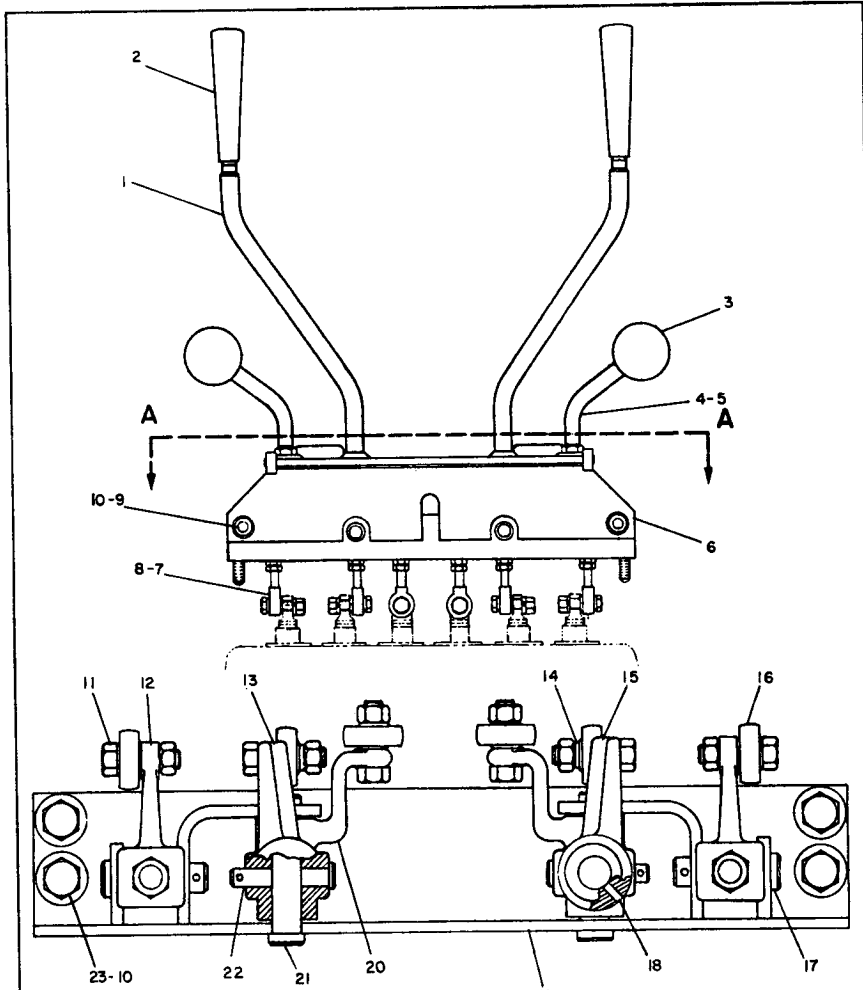


REF NO.	PART NUMBER	DESCRIPTION	QTY
1	S1594	BOLT	4
3	3B4506	LOCKWASHER	4
2	5G1035	BRACKET ASSEM.	1
3	6S6306	LEVER	2
4	L1170	HANDLE	4
6	6S6337	ROD	2
5	1D5118	NUT	2
6	6S7569	LEVER	1

4	4B3388	BOLT	8
7	1D4716	NUT	8
3	3B4505	LOCKWASHER	8
8	7H3641	END	4
9	6S6325	LEVER	1
10	3D9609	END	2
11	1A2457	PIN	4
12	3B4609	COTTER	6
13	6S9313	ROD	2
1	1D4719	NUT	2

14	4L2260	ROD	2
15	3B4617	COTTER	2
16	3H1977	PIN	2
17	5G1030	LEVER	2
18	6S9193	PIN	2
19	6S6328	PIN	2
20	6S6114	ROD	4
21	1A8285	NUT	6

168794



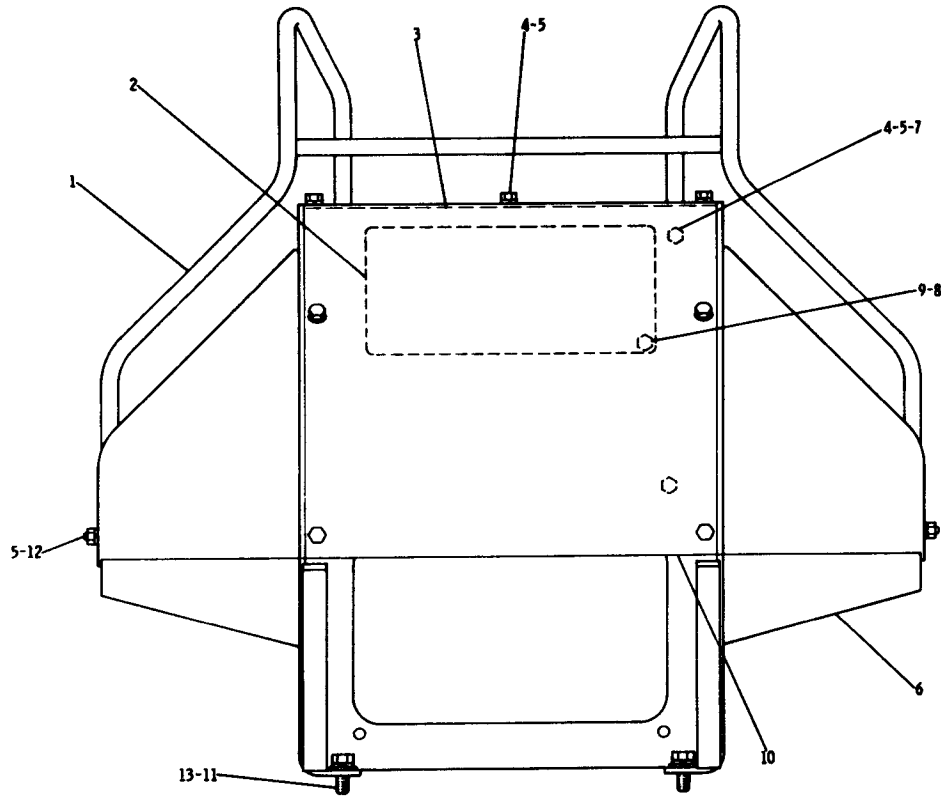
VIEW A-A

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G3388	LEVER ASSEM. -----	2
	1D5118	NUT-----	2
2	6S9619	KNOB-----	2
3	2A1736	HANDLE-----	2
4	5G1756	ROD-----	2
5	1O5117	NUT-----	2
6	5G3391	LATCH ASSEM. -----	1
7	7H3641	ROD END-----	6
8	1A8285	NUT-----	6
	1A2029	BOLT-----	2
9	1D4717	NUT-----	2
	5986	WASHER--6.35mmf, 250 ln. thk--	2
10	5P1075	WASHER--3mmf, 118 ln. thk----	6
11	4B3388	BOLT-----	12
	1D4716	NUT-----	12

12	5G3387	LEVER-----	2
13	6S7569	LEVER-----	1
14	5G2985	SPACER-----	4
15	6S6325	LEVER-----	1
16	6S6114	ROD END-----	6
17	3H1977	PIN-----	2
	3B4617	COTTER PIN-----	2
18	2K8467	PIN-----	2
19	5G2588	BRACKET ASSEM. -----	1
20	5G1030	LEVER-----	2
21	6S9193	PIN-----	2
	6S6328	PIN-----	2
22	3B4609	COTTER PIN-----	2
	S1594	BOLT-----	4

234974

5G2586 MOUNTING AND CONTROL GROUP
 Part of 5G2150 Fixed Pivot Backhoe Arrangement listed on Page 170A



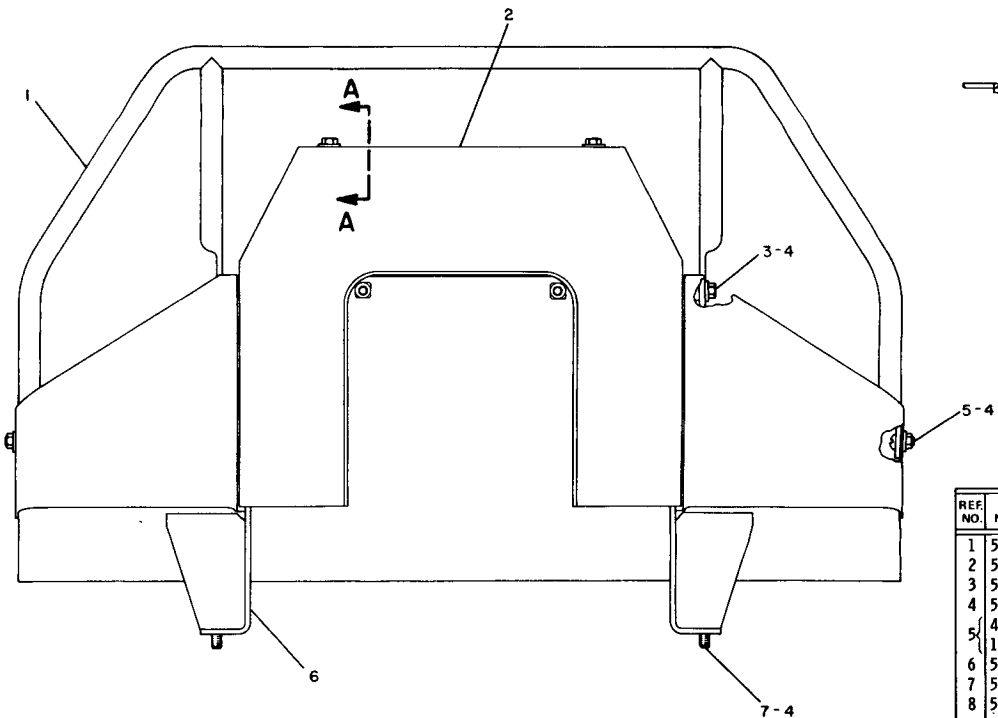
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6S9319	GRAB IRON ASSEM.-----	1
2	6S9305	COVER-----	1
3	6S9304	COVER-----	1
4	S509	BOLT-----	11
5	3B4506	LOCKWASHER-----	13
6	6S9318	CONSOLE ASSEM.-----	1
		(Includes)	
7	9F2978	NUT-----	2
8	1F748	NUT-----	4
9	S1614	BOLT-----	4
10	3B4504	LOCKWASHER-----	4
11	6S9303	COVER-----	1
C 11	7B3235	BOLT-----	4
	3B4508	LOCKWASHER-----	4
12	4B1266	SCREW-----	2
	1D4717	NUT-----	2
C 13	2M849	WASHER-----	4

C INDICATES CHANGE

223535

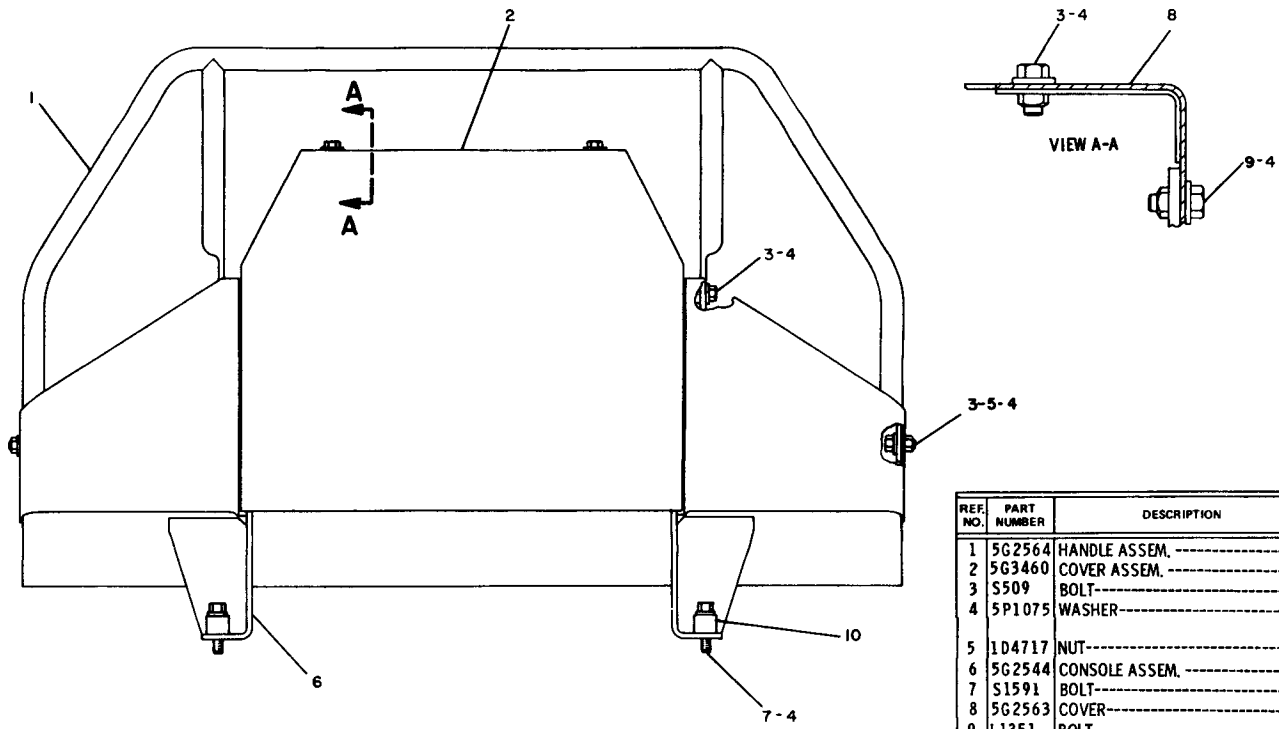
6S9320 BACKHOE CONSOLE GROUP
 Part of 6S4538 and 6S9400 Backhoe Arrangements listed on Pages 170 and 171

5G2543 CONSOLE GROUP
 Part of 5G2150 Fixed Pivot Backhoe Arrangement listed on Page 170A



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G2564	HANDLE ASSEM. -----	1
2	5G2555	COVER ASSEM. -----	1
3	5M3062	BOLT-----	6
4	5P1075	WASHER-----	18
5	4B1266	SCREW-----	2
	1D4717	NUT-----	2
6	5G2544	CONSOLE ASSEM. -----	1
7	5S7379	BOLT-----	10
8	5G2563	COVER-----	1

234969

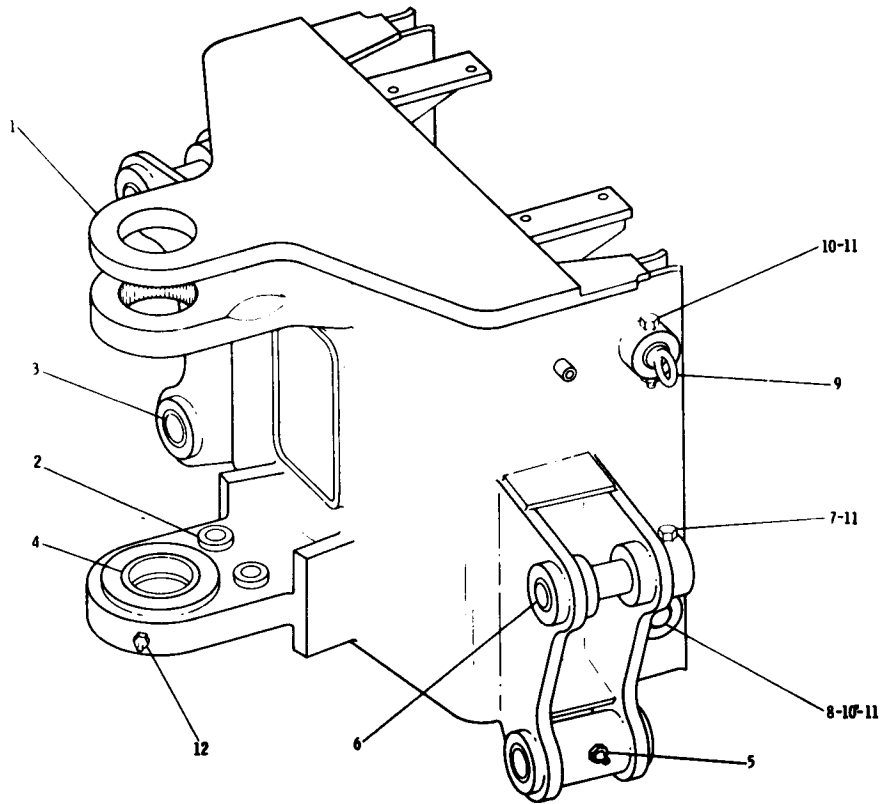


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G2564	HANDLE ASSEM. -----	1
2	5G3460	COVER ASSEM. -----	1
3	S509	BOLT-----	8
4	5P1075	WASHER-----	16
5	1D4717	NUT-----	2
6	5G2544	CONSOLE ASSEM. -----	1
7	S1591	BOLT-----	4
8	5G2563	COVER-----	1
9	L1351	BOLT-----	4
10	5H3124	SPACER-----	4

237759

5G3594 BACKHOE CONSOLE GROUP
 Part of 5G3690 Backhoe Arrangement listed on Page 170B

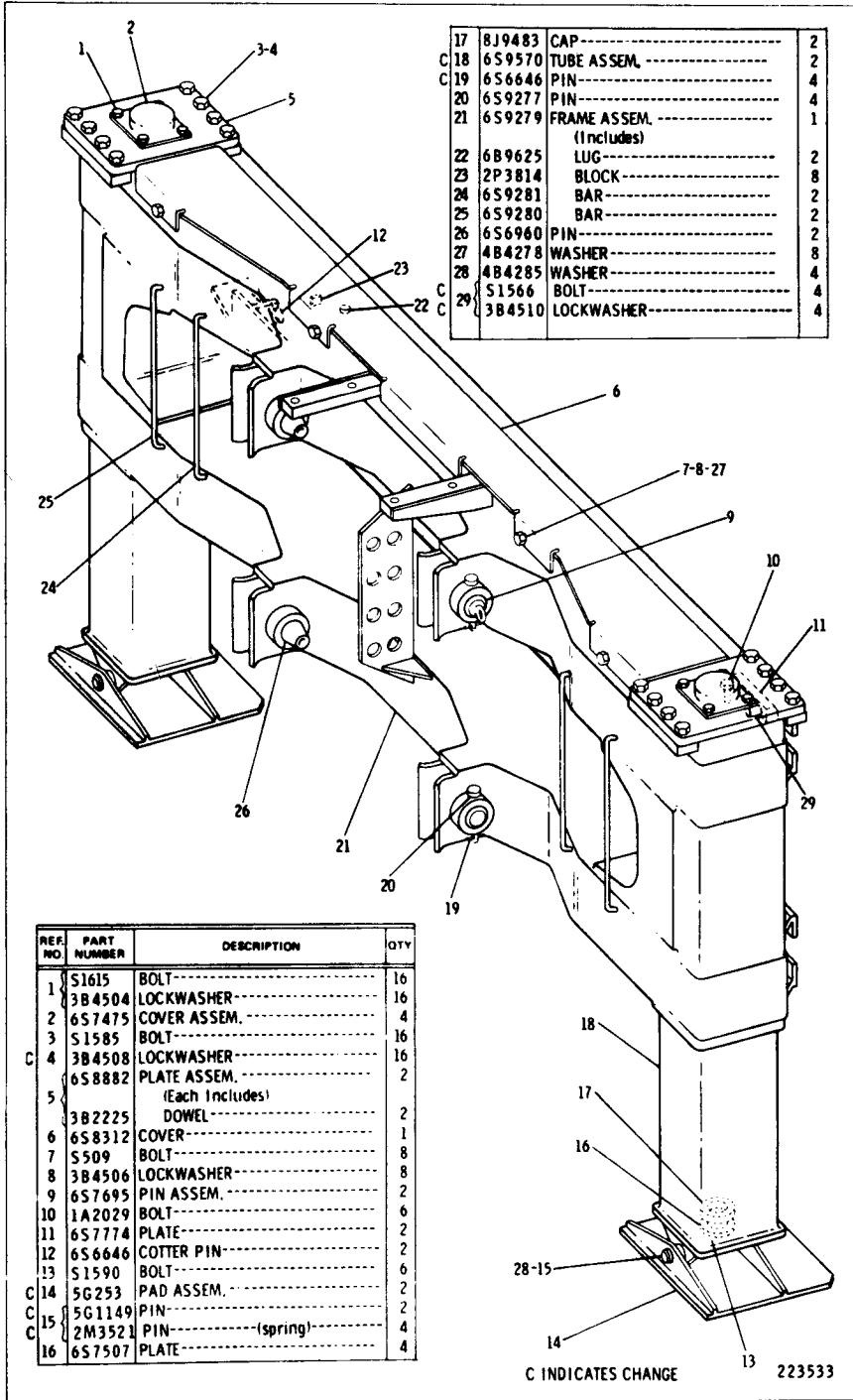
6S6390 BACKHOE FRAME GROUP
 Part of 6S4538 Backhoe Arrangement listed on Page 170



REF NO.	PART NUMBER	DESCRIPTION	QTY.
C 1	5G 1603	FRAME ASSEM.-----	1
		(Includes)	
2	5G 642	LUG----- (weld)-----	4
3	6S7144	BUSHING-----	4
4	6S7542	BEARING-----	1
5	3B8489	FITTING-----	2
6	6S6490	PIN-----	2
7	1B2886	BOLT-----	2
8	6S6960	PIN-----	2
9	6S7695	PIN ASSEM.-----	2
10	V375	BOLT-----	4
11	2H3788	NUT-----	6
12	3B8489	FITTING-----	1

C INDICATES CHANGE

220784



	17	8J9483	CAP-----	2
C	18	6S9570	TUBE ASSEM.-----	2
C	19	6S6646	PIN-----	4
	20	6S9277	PIN-----	4
	21	6S9279	FRAME ASSEM.-----	1
			(Includes)	
	22	6B9625	LUG-----	2
	23	2P3814	BLOCK-----	8
	24	6S9281	BAR-----	2
	25	6S9280	BAR-----	2
	26	6S6960	PIN-----	2
	27	4B4278	WASHER-----	8
	28	4B4285	WASHER-----	4
	29	S1566	BOLT-----	4
C	29	3B4510	LOCKWASHER-----	4

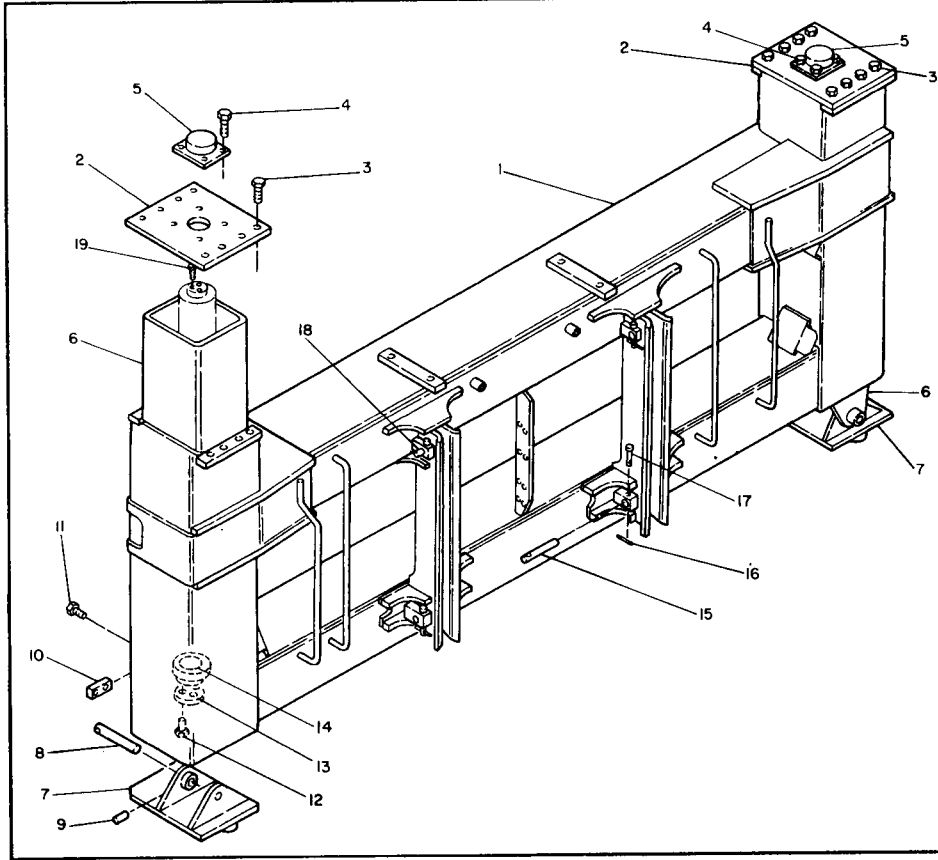
REF. NO.	PART NUMBER	DESCRIPTION	QTY	
1	S1615	BOLT-----	16	
	3B4504	LOCKWASHER-----	16	
2	6S7475	COVER ASSEM.-----	4	
3	S1585	BOLT-----	16	
C	3B4508	LOCKWASHER-----	16	
	6S8882	PLATE ASSEM.-----	2	
5		(Each Includes)		
	3B2225	DOWEL-----	2	
6	6S8312	COVER-----	1	
7	S509	BOLT-----	8	
8	3B4506	LOCKWASHER-----	8	
9	6S7695	PIN ASSEM.-----	2	
10	1A2029	BOLT-----	6	
11	6S7774	PLATE-----	2	
12	6S6646	COTTER PIN-----	2	
13	S1590	BOLT-----	6	
C	14	5G253	PAD ASSEM.-----	2
C	15	5G1149	PIN-----	2
	2M3521	PIN----- (spring)	4	
C	16	6S7507	PLATE-----	4

C INDICATES CHANGE

223533

6S9411 BACKHOE FRAME GROUP
 Part of 6S9400 Backhoe Arrangement listed on Page 171

5G3260 BACKHOE FRAME GROUP
 Part of 5G3690 Backhoe Arrangement listed on Page 170B

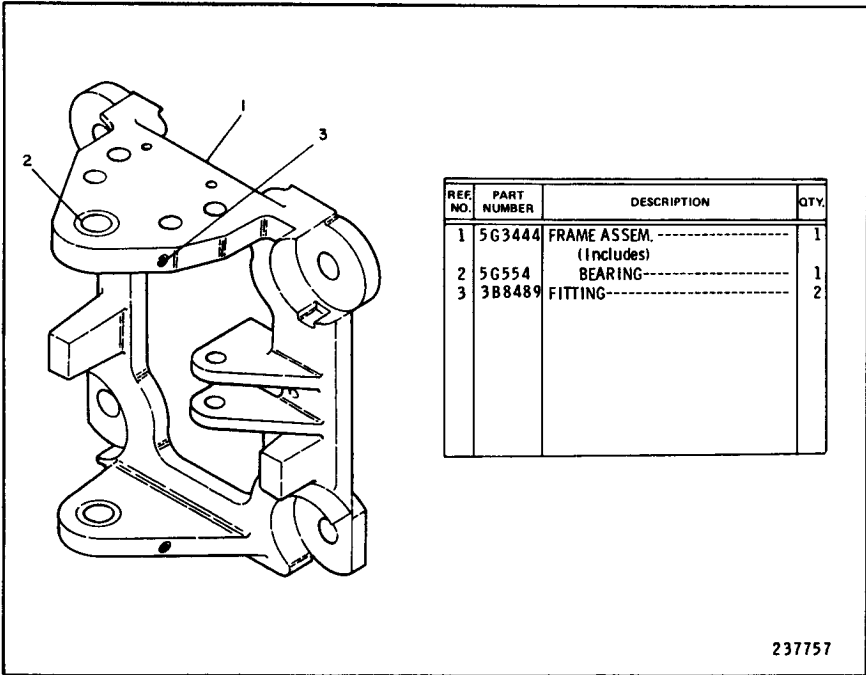


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G3428	FRAME ASSEM. -----	1
2	6S8882	PLATE ASSEM. -----	2
3	S1585	BOLT -----	16
4	S1615	BOLT -----	16
4	5P4115	WASHER -----	16
5	6S7475	COVER -----	4
6	5G1668	TUBE ASSEM. -----	2
7	5G1663	PAD ASSEM. -----	2
8	5G1597	PIN -----	2
9	2M3521	PIN -----	2
10	6S7774	PLATE -----	2
11	S1566	BOLT -----	4
12	S1590	BOLT -----	6
13	6S7507	PLATE -----	2
14	8J9483	CAP -----	2
15	6S6960	PIN -----	2
16	6S6646	PIN -----	4
17	6S9277	PIN -----	4
18	6S7695	PIN ASSEM. -----	2
19	1A2029	BOLT -----	6

237756

IMPLEMENTS

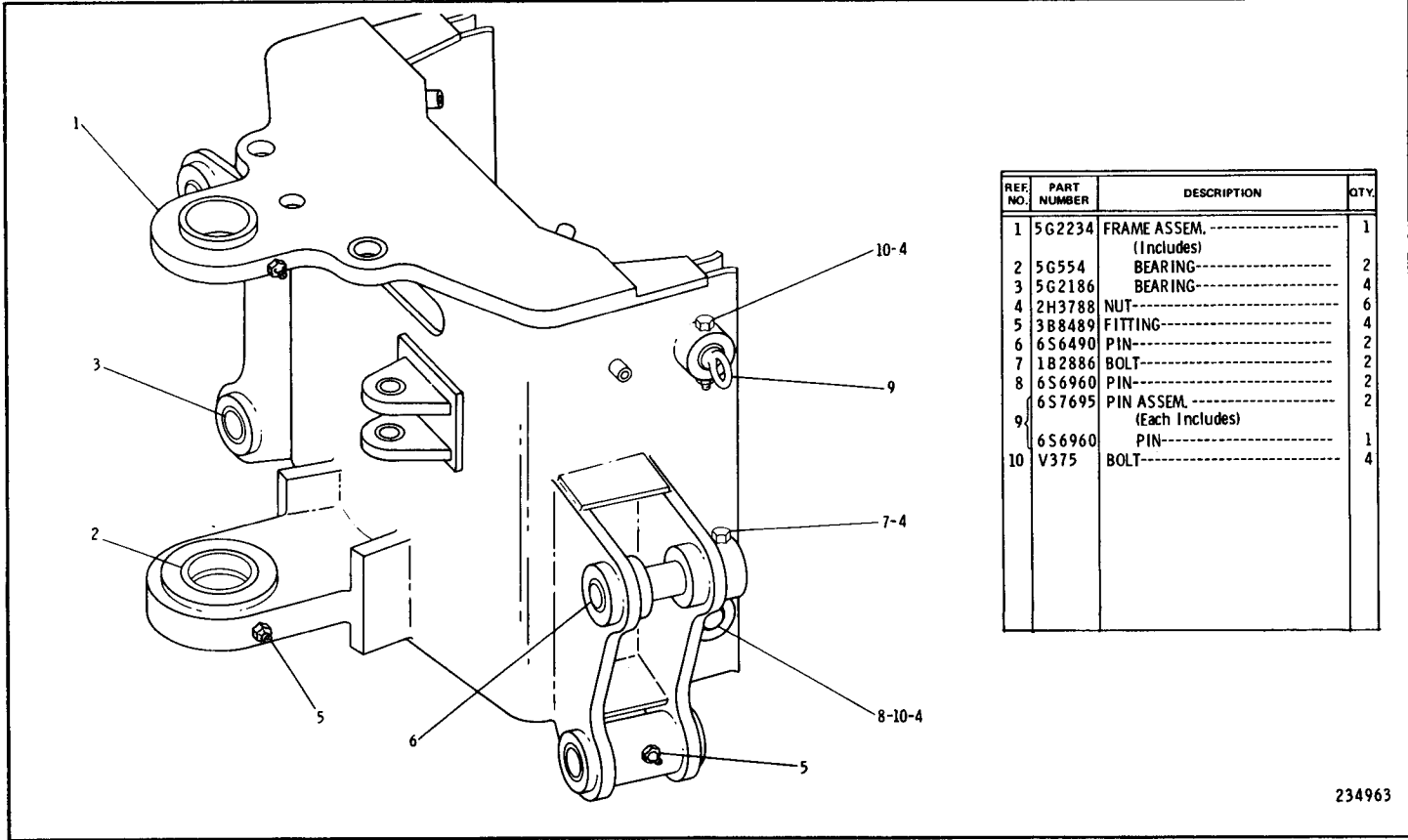
176-1



237757

5G3443 SLIDING FRAME GROUP
 Part of 5G3690 Backhoe Arrangement listed on Page 170B

5G2235 BACKHOE FRAME GROUP
 Part of 5G2150 Fixed Pivot Backhoe Arrangement listed on Page 170A

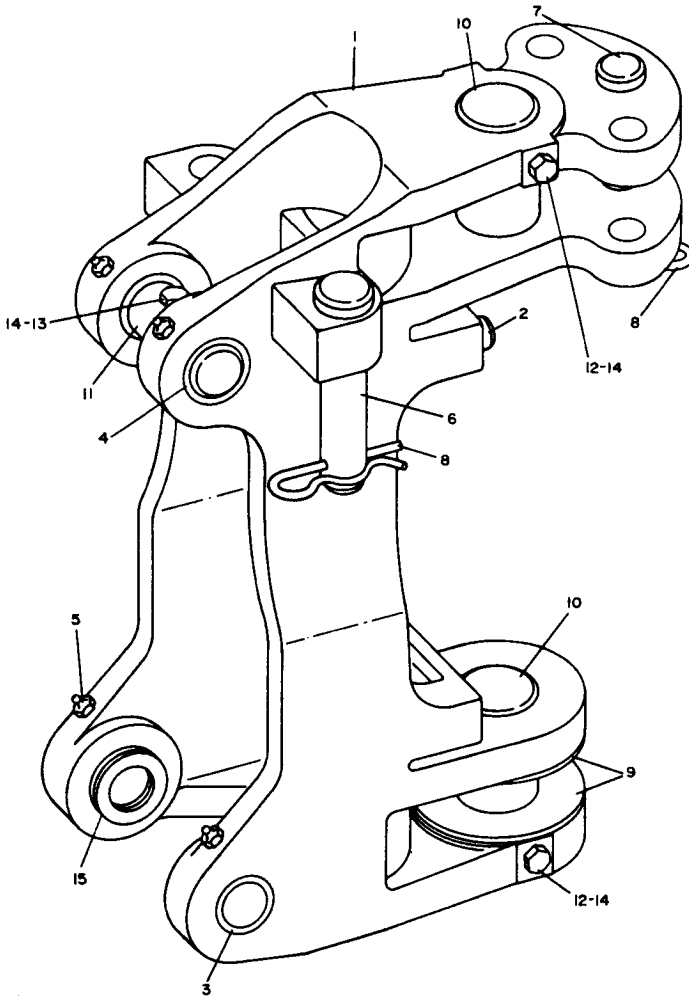


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G2234	FRAME ASSEM. ----- (Includes)	1
2	5G554	BEARING-----	2
3	5G2186	BEARING-----	4
4	2H3788	NUT-----	6
5	3B8489	FITTING-----	4
6	6S6490	PIN-----	2
7	1B2886	BOLT-----	2
8	6S6960	PIN-----	2
9	6S7695	PIN ASSEM. ----- (Each Includes)	2
	6S6960	PIN-----	1
10	V375	BOLT-----	4

234963

IMPLEMENTS

176A



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G2369	FRAME ASSEM. ----- (Includes)	1
2	5G2371	DOWEL-----	2
3	6S6178	BEARING-----	2
4	6S6167	BEARING-----	2
5	3B8489	FITTING-----	4
6	5G2373	PIN-----	1

7	5G2374	PIN-----	1
8	5P8837	PIN-LOCK-----	2
9	5G2375	WASHER-----	2
10	5G2376	PIN-PIVOT-----	2
11	6S6139	PIN-----	1
12	9H8260	BOLT-----	2
13	1D4572	BOLT-----	1
14	2H3788	NUT-----	3
15	5H6343	WASHER-----	4

234968

5G2465 SWING FRAME GROUP

Part of 5G3690 Fixed Pivot Backhoe Arrangement listed on Page 170B

REF NO.	PART NUMBER	DESCRIPTION	QTY.
1	6S8308	BAR-----	1
2	S1595	BOLT-----	3
3	3B4508	LOCKWASHER-----	3
4	1D4631	BOLT-----108 mm(4.25 in.) long	2
5	9H1031	WASHER-----	8
6	6S8307	PLATE-----	4
7	2H3856	BOLT-----95.25 mm(3.75 in.) long	4
C 8	5G847	FRAME ASSEM.-----	1
9		(Includes)	
9	6S7542	BEARING-----	1
C 10	3B8489	FITTING-----	1
11	1D4630	BOLT-----101.6 mm(4 in.) long	2
		-OR-	
	1D4629	BOLT-----88.9 mm(3.50 in.) long	2

C INDICATES CHANGE 223534

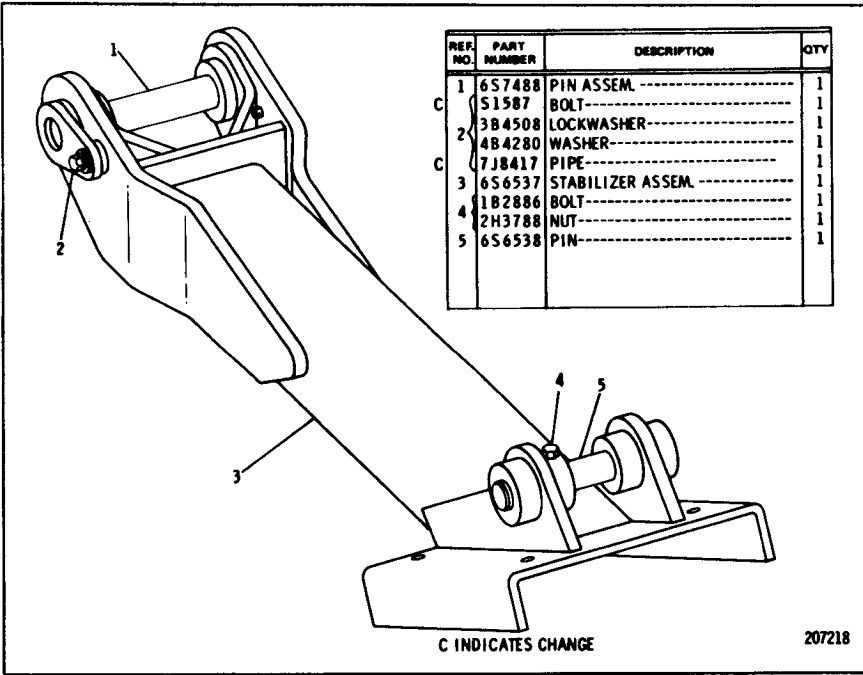
6S8305 SLIDING FRAME GROUP
Part of 6S9400 Backhoe Arrangement listed on Page 171

REF NO.	PART NUMBER	DESCRIPTION	QTY.
C 1	5G848	FRAME ASSEM.-----	1
		(Includes)	
2	6S6178	BEARING-----	2
3	6S6167	BEARING-----	2
4	6S7542	BEARING-----	1
5	3B8489	FITTING-----	6
6	6S6139	PIN-----	1
	5H6343	WASHER-----	4
	6S7634	PIN-----	1
7	6S7631	WASHER-----	2
	4B3823	BOLT-----	2
8	3B4508	LOCKWASHER-----	2
9	6S8711	PLATE-----	1
10	5G1016	PIN-----	1
C 11	5G812	PIN-----	1
C 12	3R8535	PIN----- (lock)-----	2
13	5G643	PIN-----	1
14	1D4572	BOLT-----	1
	2H3788	NUT-----	1

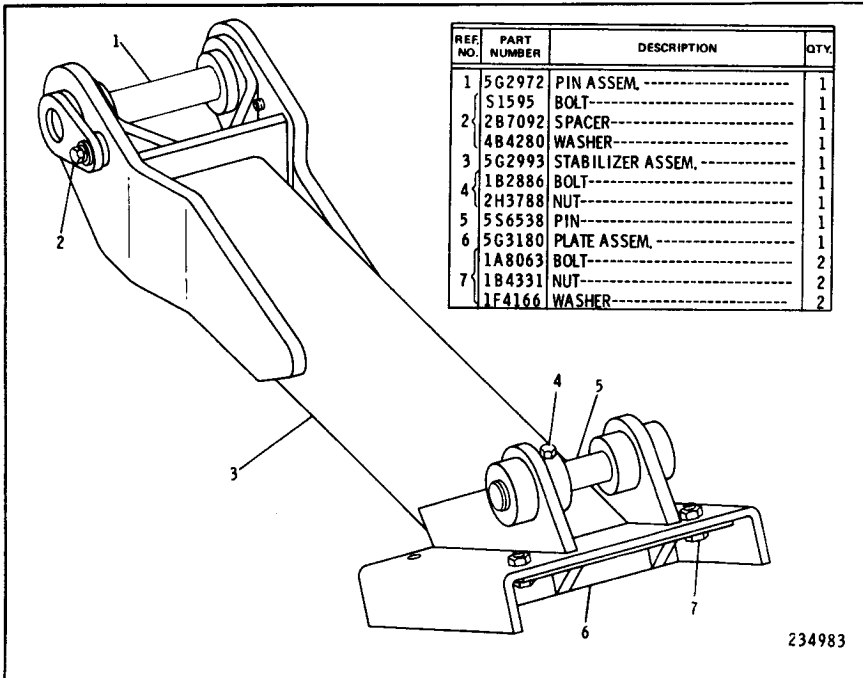
C INDICATES CHANGE 220785

6S6215 SWING FRAME GROUP
Part of 6S4538 and 6S9400 Backhoe Arrangements listed on Pages 170 and 171

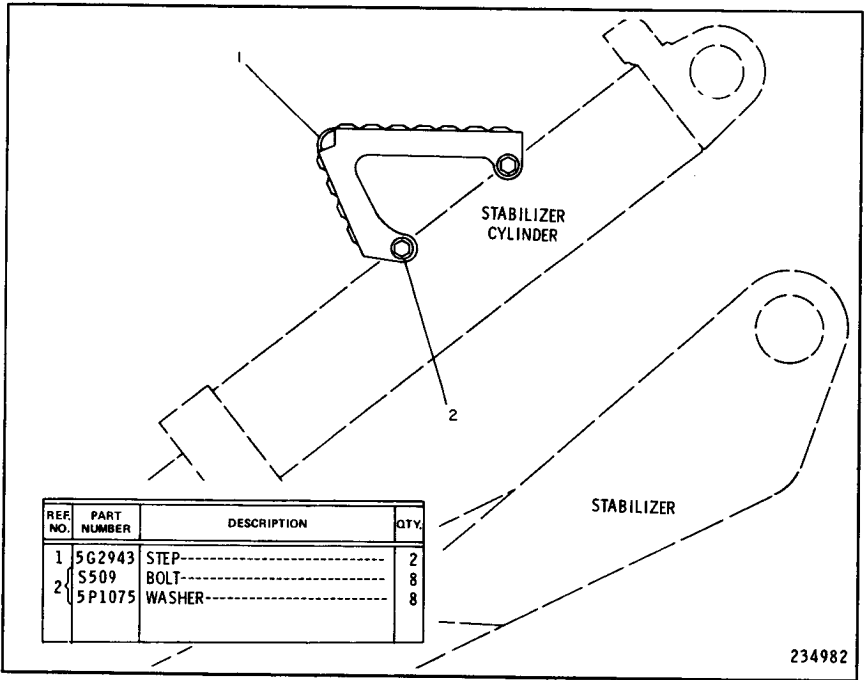
CATERPILLAR D3B TRACTOR



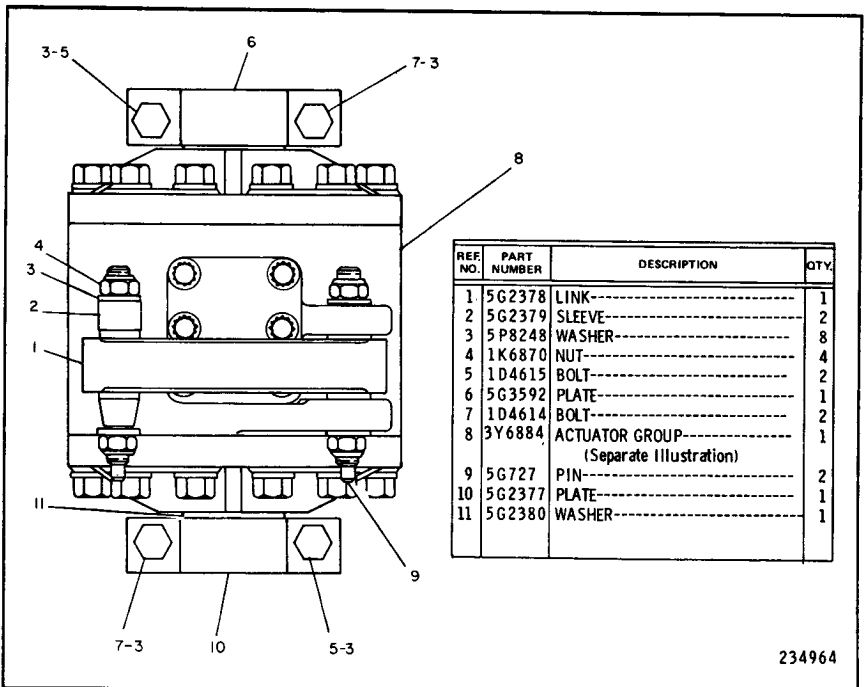
6S6393 STABILIZER GROUP—2 Required
 Part of 6S4536 Backhoe Arrangement listed on Page 170



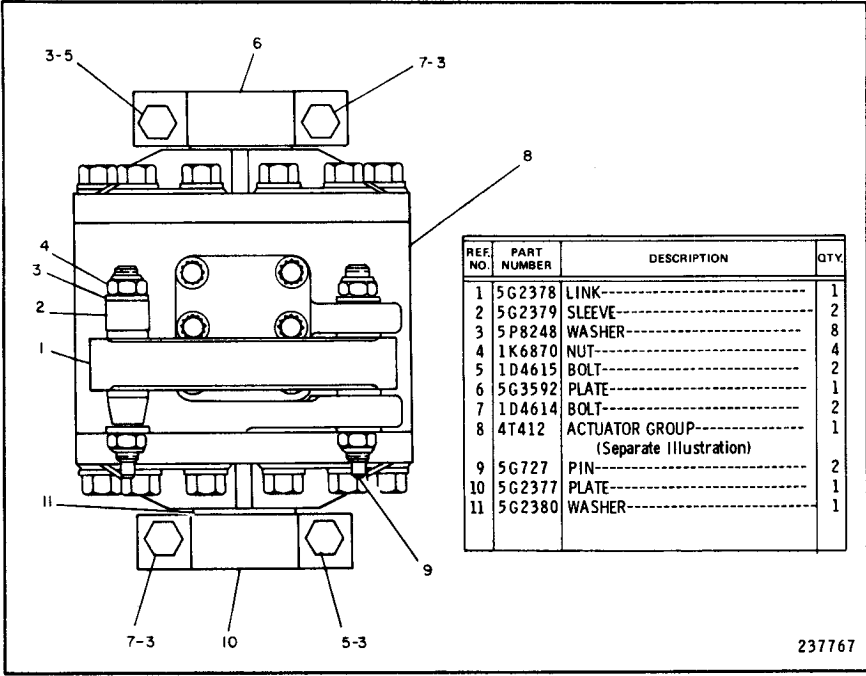
5G2979 STABILIZER GROUP—2 Required
 Part of 5G2150 Fixed Pivot Backhoe Arrangement listed on Page 170A



5G2963 STEP GROUP
 Part of 5G2150 Fixed Pivot Backhoe Arrangement listed on Page 170A

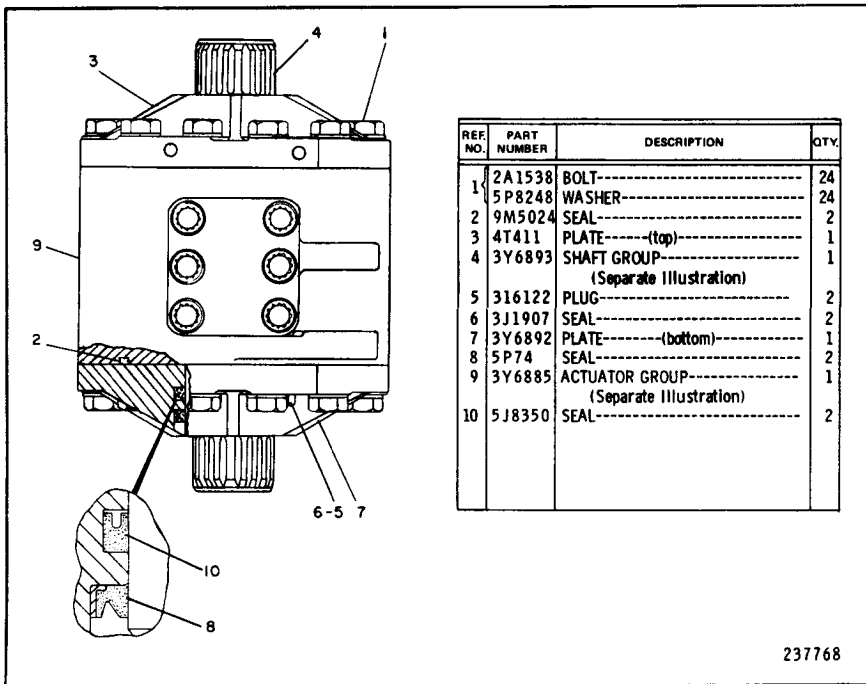


5G2464 SWING ACTUATOR GROUP
 Part of 5G2150 Fixed Pivot Backhoe Arrangement listed on Page 170A
 3Y6884 Actuator parts are shown on Page 180A



5G3761 SWING ACTUATOR GROUP

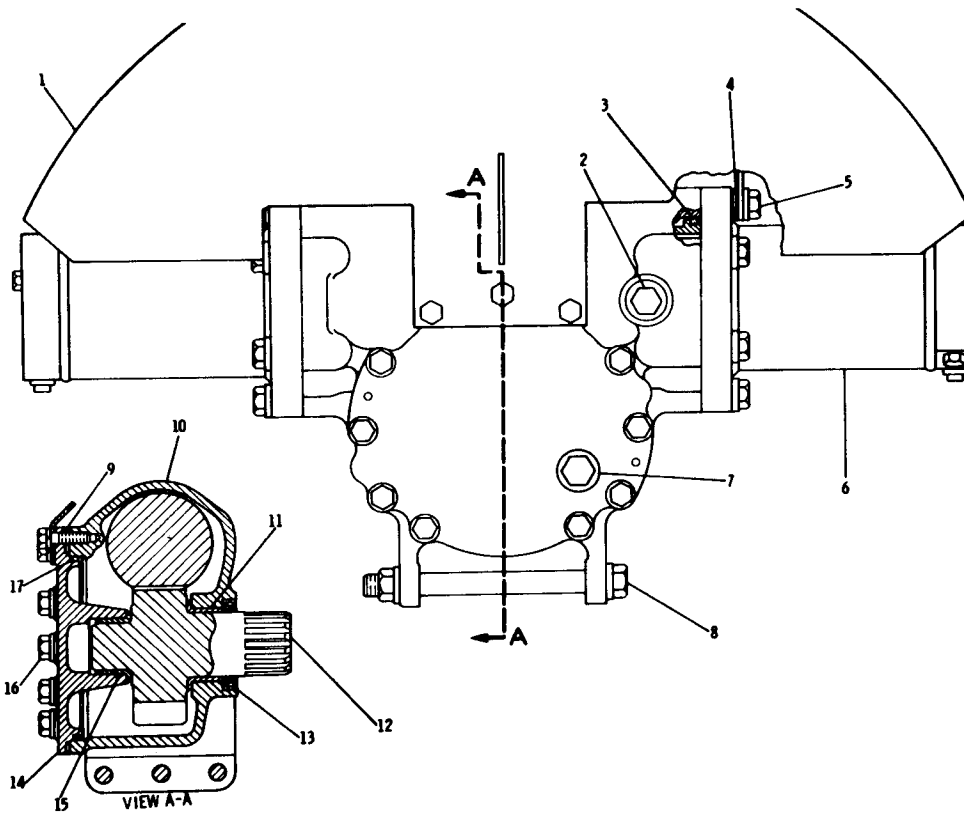
Part of 5G3690 Backhoe Arrangement listed on Page 170B
 4T402 Actuator parts are shown on Page 178B



4T412 ROTARY ACTUATOR GROUP

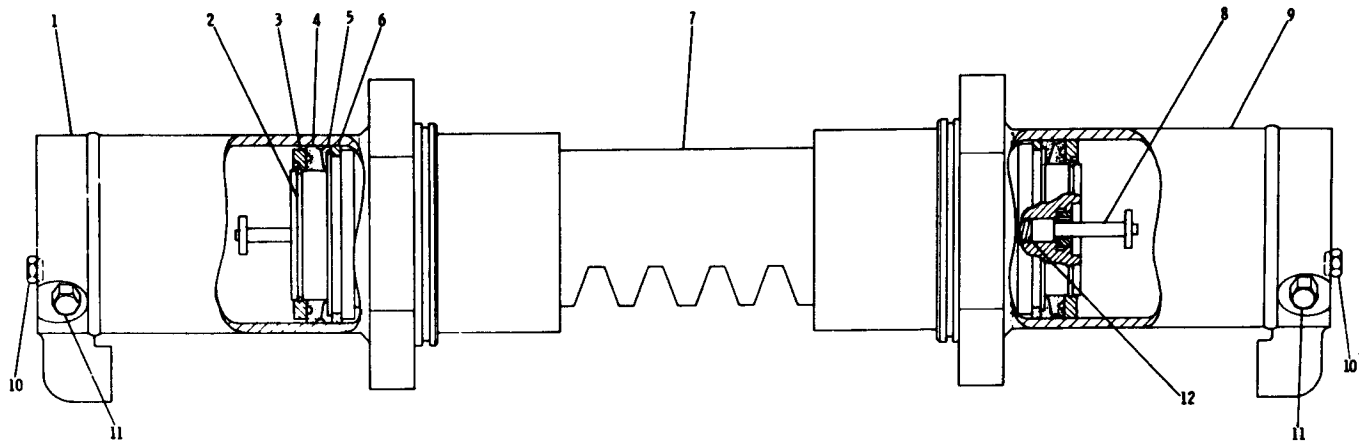
Part of 5G3761 Swing Actuator Group shown on Page 178B
 3Y6885 Actuator and 3Y6893 Shaft parts are shown on Pages 180A and 180B

5G1007 SWING ACTUATOR GROUP
 Part of 6S4538 and 6S9400 Backhoe Arrangements listed on Pages 170 and 171
 6S6949 Actuator parts are shown on Page 180



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6S7650	GUARD ASSEM.-----	1
2	9S4190	PLUG-----	2
3	2M9780	SEAL-----	2
4	2H9247	SEAL-----	2
4	1K4702	WASHER-----	6
5	8S9092	BOLT-----	12
5	4D3704	WASHER-----	12
6	6S6949	ACTUATOR GROUP----- (Separate Illustration)	1
7	4H6112	BREATHER-----	1
8	1D4624	BOLT-----	3
8	2J3506	NUT-----	3
9	2S115	WASHER-----	6
9	6S6111	SHIM PACK-----	1
10	6S9361	HOUSING ASSEM.----- (Includes)	1
11	6S6817	BEARING-----	1
12	5G1017	PINION----- (12 teeth)	1
13	9H6079	SEAL-----	1
14	6S9360	COVER ASSEM.----- (Includes)	1
15	6S6100	BEARING-----	1
16	S1585	BOLT-----	11
16	2M849	WASHER-----	11
17	5J2383	SEAL-----	1

168793



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	6S6924	CYLINDER ASSEM.-----	1
2	6S6886	ROD-----	2
3	6S6893	HOLDER-----	2
4	6S6894	SEAL-----	2
5	6S6892	SEAL-----	2

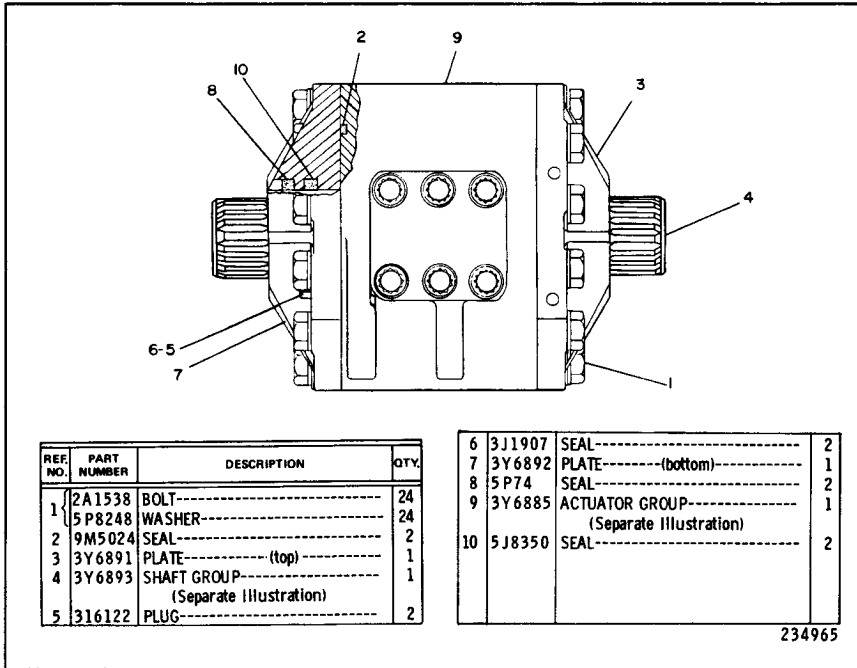
6	6S6891	RING-----	2
C 7	6S9412	RACK---(piston)-----	1
C 8	6S8748	VALVE ASSEM.-----	2
9	6S6975	CYLINDER ASSEM.-----	1
10	9S4191	PLUG-----	2
10	3J1907	SEAL-----	2

11	6S6907	VALVE-----	2
12	6S6833	SPRING-----	2

C INDICATES CHANGE

223546

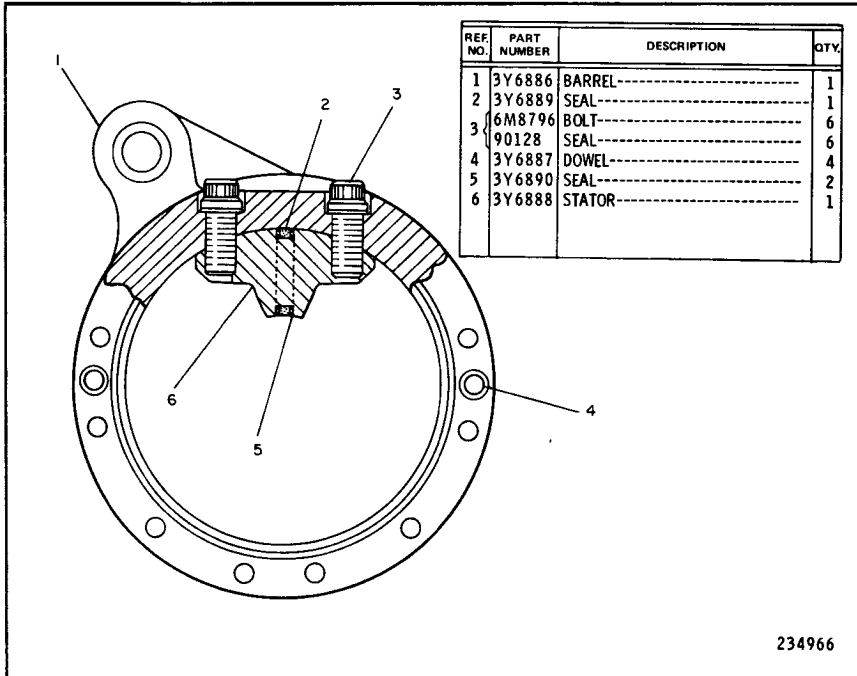
6S6949 ACTUATOR GROUP
 Part of 5G1007 Swing Actuator Group shown on Page 179



3Y6884 ROTARY ACTUATOR GROUP

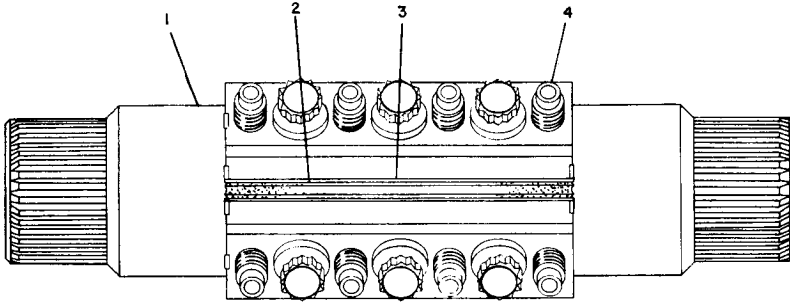
Part of 5G2464 Actuator Group shown on Page 178A

3Y6885 Actuator and 3Y6893 Shaft parts are shown on Pages 180A and 180B



3Y6885 ACTUATOR GROUP

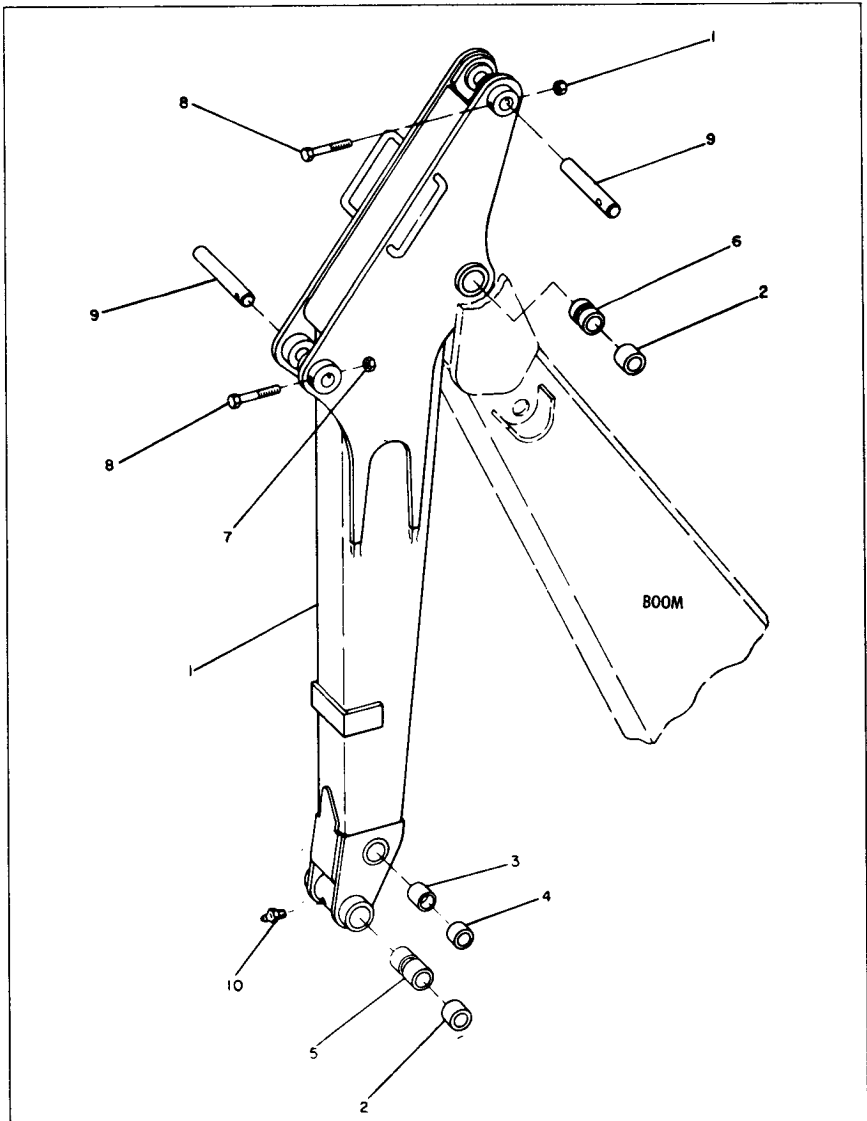
Part of 3Y6884 Rotary Actuator Group



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	3Y6894	SHAFT ASSEM. -----	1
2	3Y6889	SEAL----- (vane)-----	1
3	3Y6890	SEAL----- (back-up)-----	2
4	3Y6900	DOWEL-----	8

234967

3Y6893 SHAFT GROUP
Part of 3Y6884 Rotary Actuator Group shown on Page 180A



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
	6S4703	STICK ASSEM.-----	1
1		(Includes)	
	6S4596	STICK ASSEM.-----	1
2	6S4211	BEARING-----	4
3	6S8695	SPACER-----	1
C 4	6S4328	BEARING-----	2
C 5	6S8947	SPACER-----	1
C 6	6S8950	SPACER-----	1

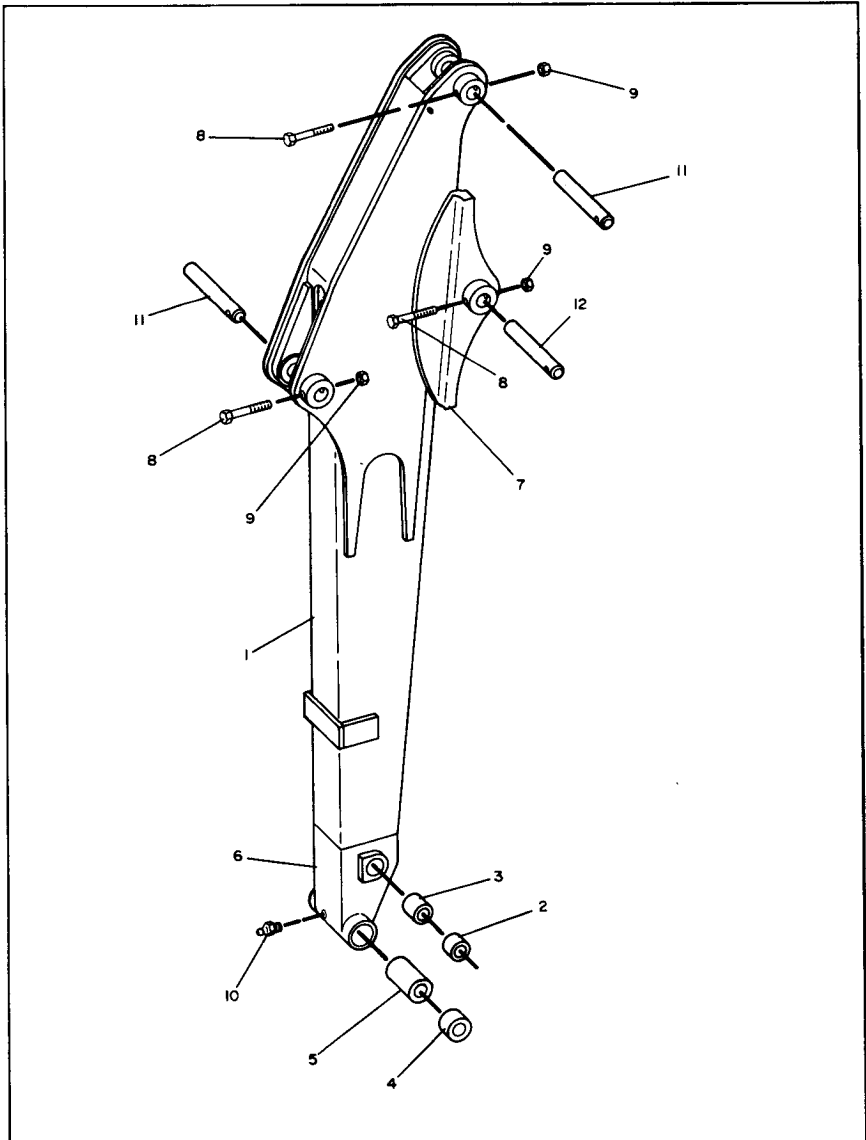
7	2H3788	NUT-----	2
8	2B2886	BOLT-----	2
9	6S4213	PIN-----	2
10	3B8489	FITTING-----	2

C INDICATES CHANGE

223552

6S4501 HOE STICK GROUP

Part of 6S4538 and 6S9400 Backhoe Arrangements listed on Pages 170 and 171

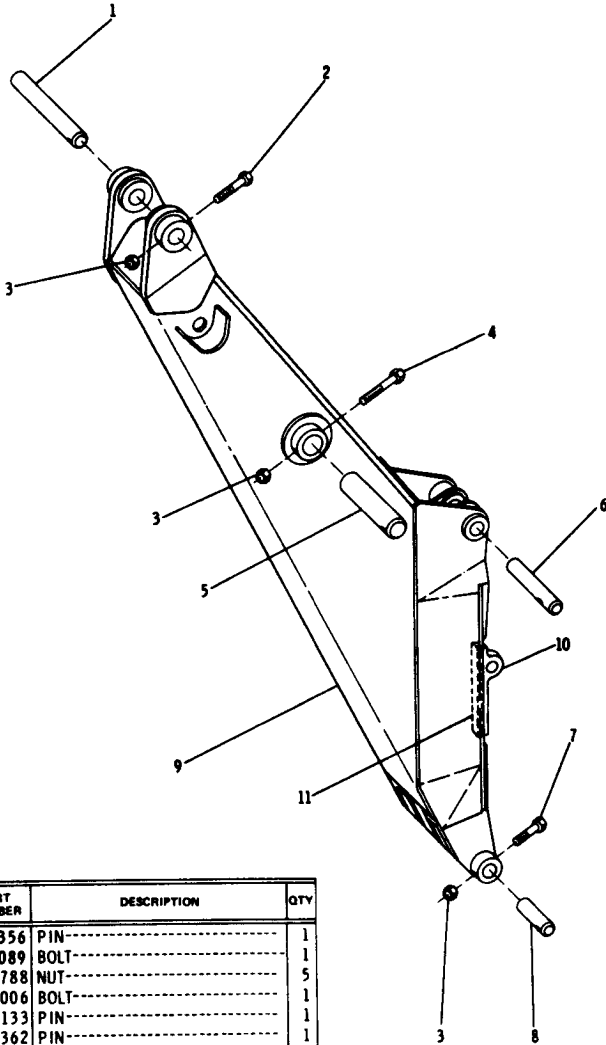


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G2698	STICK ASSEM. ----- (Includes)	1
2	6S4328	BEARING-----	2
3	5G2699	SPACER-----	1
4	6S4211	BEARING-----	2
5	6S8947	SPACER-----	1
6	5G2716	BRACKET-----	1
7	5G2715	BRACKET-----	2

8	1B2886	BOLT-----	3
9	2H3788	NUT-----	3
10	3B8489	FITTING-----	1
11	5G2696	PIN-----	2
12	5G2697	PIN-----	1

234980

5G2717 HOE STICK GROUP
 Part of 5G2150 Fixed Pivot Backhoe Arrangement listed on Page 170A



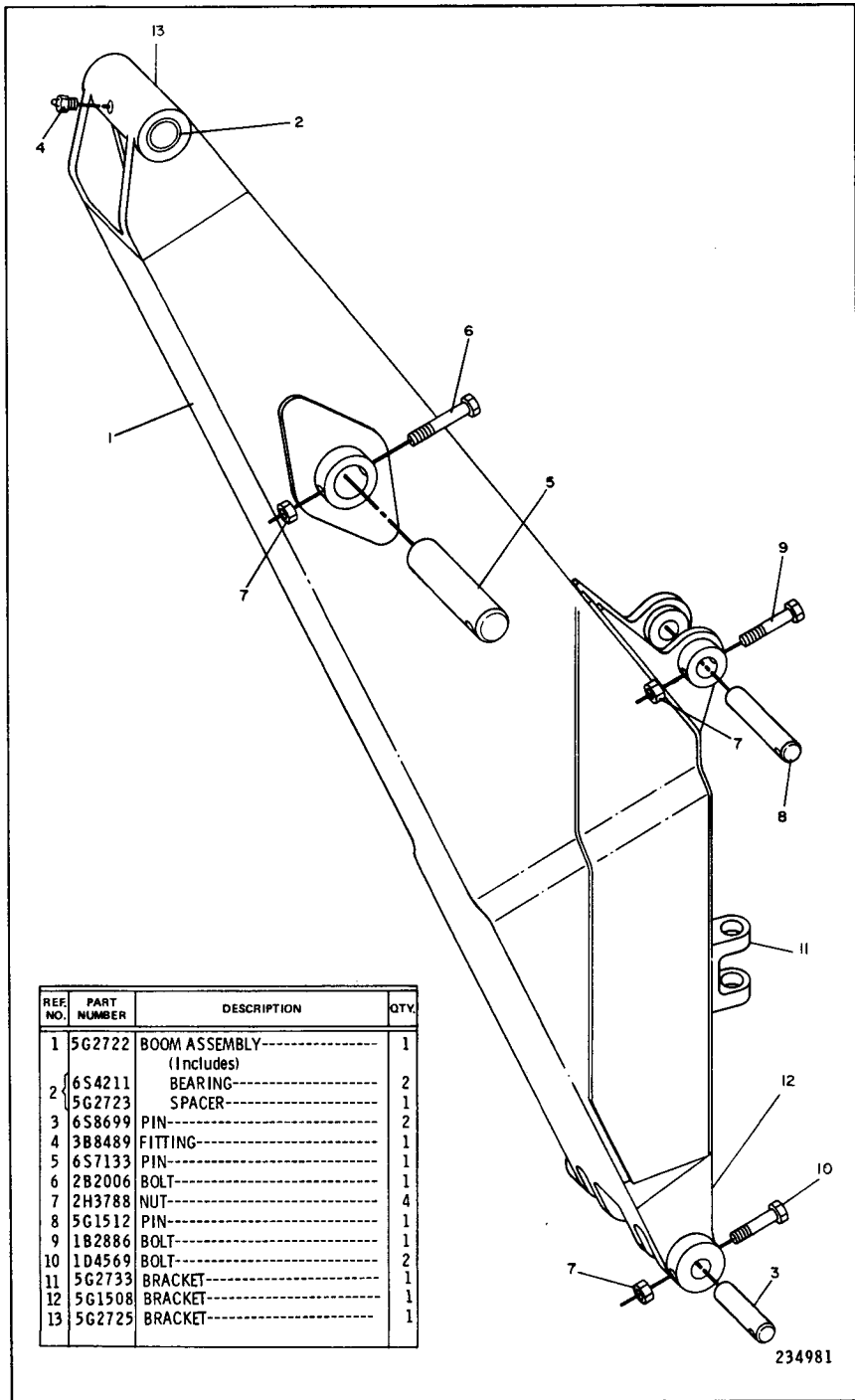
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6S4356	PIN-----	1
2	8S9089	BOLT-----	1
3	2H3788	NUT-----	5
4	2B2006	BOLT-----	1
5	6S7133	PIN-----	1
6	6S4362	PIN-----	1
7	1B2886	BOLT-----	3
C 8	6S8699	PIN-----	2
9	6S4230	BOOM ASSEM.----- (Includes)	1
C 10	5G822	PLATE-----	2
C 11	5G823	SHIM-----	2

C INDICATES CHANGE

167740

6S4500 BOOM GROUP

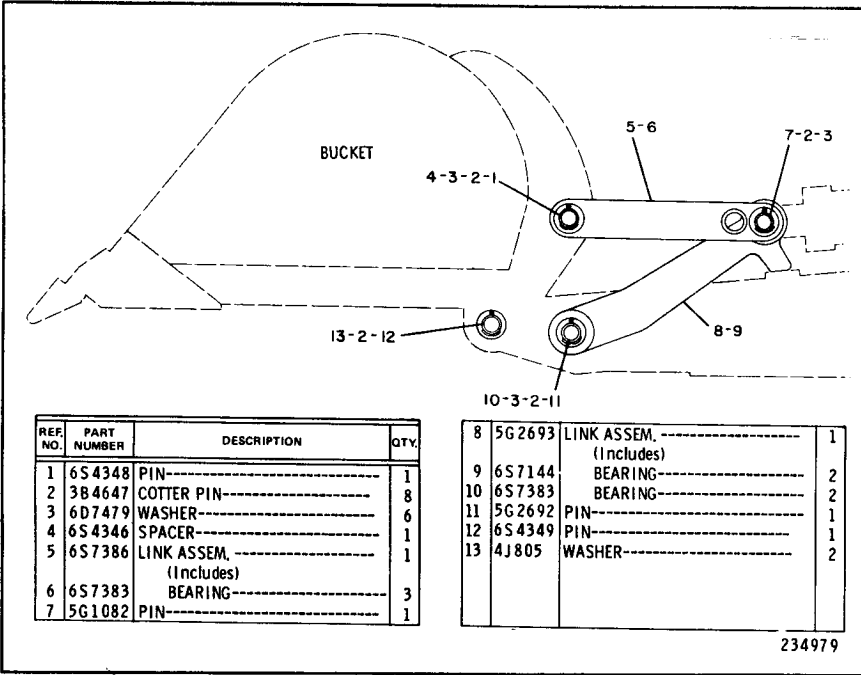
Part of 6S4538 and 6S9400 Backhoe Arrangements listed on Pages 170 and 171



234981

5G2721 BOOM GROUP
 Part of 5G2150 Fixed Pivot Backhoe Arrangement listed on Page 170A

CATERPILLAR D3B TRACTOR



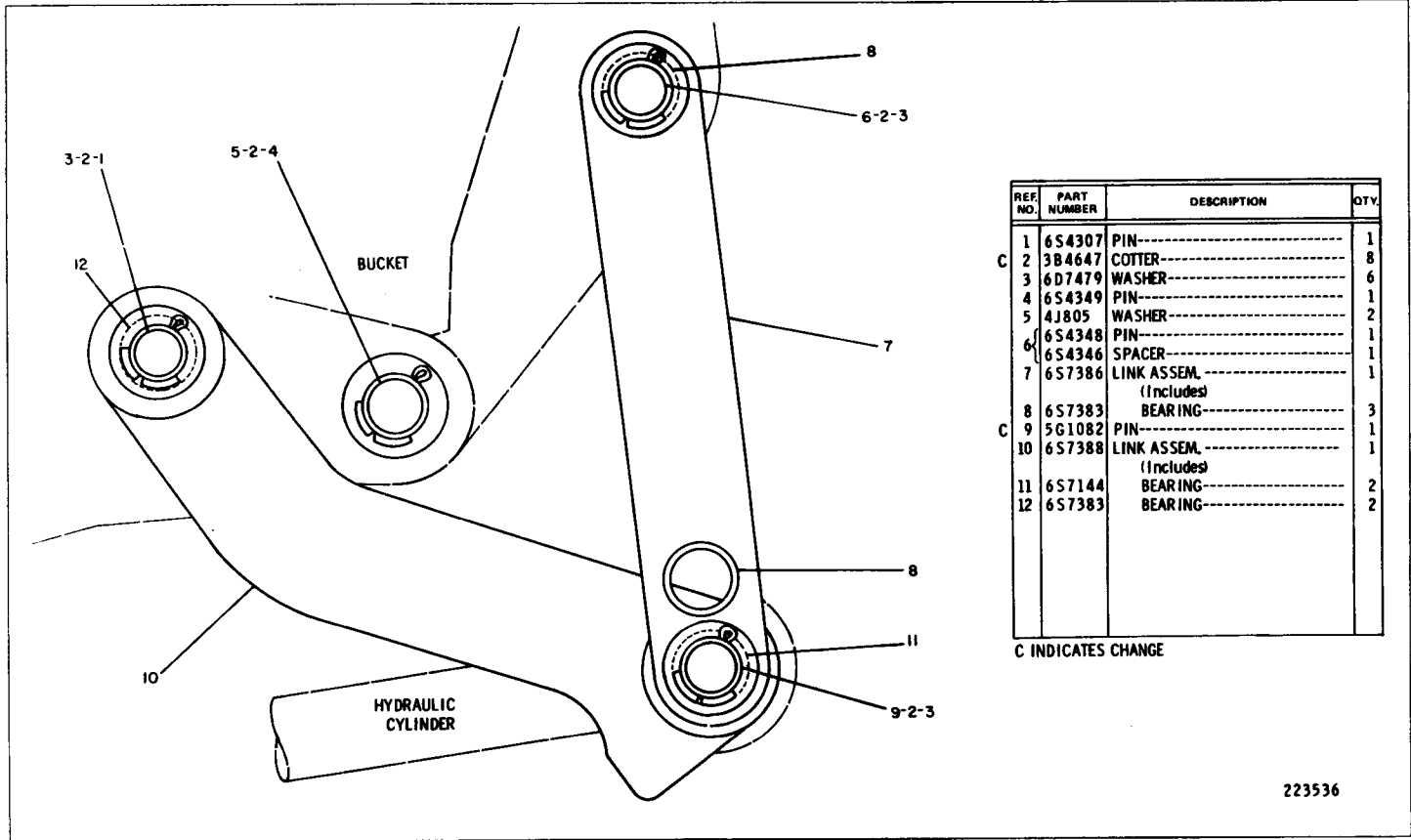
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	6S4348	PIN-----	1
2	3B4647	COTTER PIN-----	8
3	6D7479	WASHER-----	6
4	6S4346	SPACER-----	1
5	6S7386	LINK ASSEM. ----- (Includes)	1
6	6S7383	BEARING-----	3
7	5G1082	PIN-----	1

8	5G2693	LINK ASSEM. ----- (Includes)	1
9	6S7144	BEARING-----	2
10	6S7383	BEARING-----	2
11	5G2692	PIN-----	1
12	6S4349	PIN-----	1
13	4J805	WASHER-----	2

234979

5G2695 BUCKET LINKAGE GROUP
 Part of 5G2150 Fixed Pivot Backhoe Arrangement listed on Page 170A

6S3992 BUCKET LINKAGE GROUP
 Part of 6S4538 and 6S9400 Backhoe Arrangements listed on Pages 170 and 171

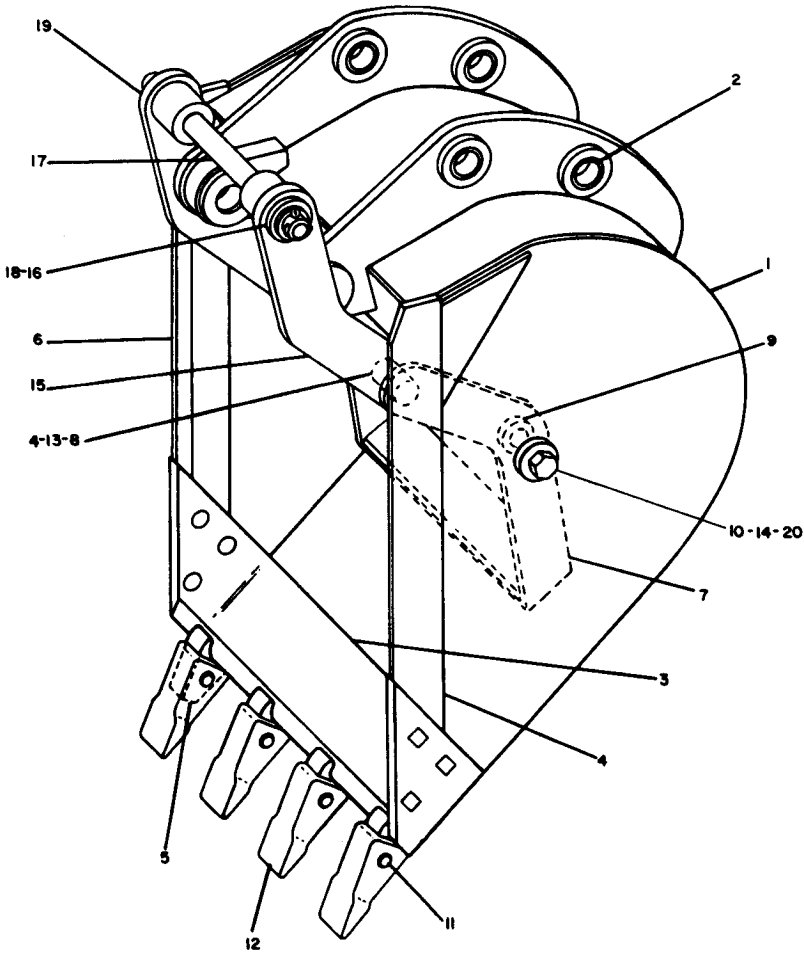


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	6S4307	PIN-----	1
2	3B4647	COTTER-----	8
3	6D7479	WASHER-----	6
4	6S4349	PIN-----	1
5	4J805	WASHER-----	2
6	6S4348	PIN-----	1
	6S4346	SPACER-----	1
7	6S7386	LINK ASSEM.-----	1
		(Includes)	
8	6S7383	BEARING-----	3
9	5G1082	PIN-----	1
10	6S7388	LINK ASSEM.-----	1
		(Includes)	
11	6S7144	BEARING-----	2
12	6S7383	BEARING-----	2

C INDICATES CHANGE

223536

CATERPILLAR D3B TRACTOR



REF NO	PART NUMBER	DESCRIPTION	QTY
1	6S 8057	BUCKET ASSEM. ----- (Includes)	1
2	6S 4328	BEARING -----	4
3	6S 4316	EDGE -----	1
4	6S 4407	EDGE -----	1
5	8J 7525	ADAPTER -----	4
6	6S 4405	EDGE -----	1
7	6S 8059	EJECTOR ASSEM. ----- (Includes)	1
8	6S 8437	PIN -----	2
9	6S 8540	BEARING -----	2
	1D 4609	BOLT -----	2
	1B 4331	NUT -----	2
10	3B 4512	LOCKWASHER -----	2
	1K 4693	WASHER ----- (small)	4
	8J 6208	PIN -----	4
11	9J 4209	RETAINER -----	4

12	8J 6201	TIP -----	4
13	3B 4645	COTTER PIN -----	2
14	1K 4699	WASHER ----- (large)	4
	6S 8066	LINK ASSEM. -----	1
15		(Includes)	
	6S 8540	BUSHING -----	1
16	6S 7383	BEARING -----	2
17	6S 8065	PIN -----	1
18	3B 4646	COTTER PIN -----	2
	6D 7479	WASHER -----	2
	6S 8070	LINK ASSEM. -----	1
19		(Includes)	
	6S 8540	BUSHING -----	1
	6S 7383	BEARING -----	2
20	6S 8071	SLEEVE -----	2

221713

5G889 EJECTOR BUCKET GROUP—609.6 mm (24") Wide
AN ATTACHMENT

REF NO	PART NUMBER	DESCRIPTION	QTY
1	657376	BUCKET ASSEM. ----- (Includes)	1
2	654405	EDGE-----	1
3	654328	BEARING-----	4
4	654407	EDGE-----	1
5	657348	EDGE-----	1
6	8J7525	ADAPTER-----	3
7	8J6208	PIN-----	3
8	9J4209	RETAINER-----	3
	8J6201	TIP-----	3

221711

**5G887 HOE BUCKET GROUP—457.2 mm (18") Wide—Type 1
AN ATTACHMENT**

REF NO	PART NUMBER	DESCRIPTION	QTY
1	654643	BUCKET ASSEM. ----- (Includes)	1
2	654405	EDGE-----	1
3	654328	BEARING-----	4
4	654407	EDGE-----	1
5	654316	EDGE-----	1
6	8J7525	ADAPTER-----	4
7	8J6201	TIP-----	4
8	8J6208	PIN-----	4
	9J4209	RETAINER-----	4

221709

**5G885 HOE BUCKET GROUP—609.6 mm (24") Wide—Type 1
AN ATTACHMENT**

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6S7376	BUCKET ASSEM. ----- (Includes)	1
2	6S4405	EDGE-----	1
3	6S4328	BEARING-----	4
4	6S4407	EDGE-----	1
C 5	5G3689	EDGE-----	1
6	8J7525	ADAPTER-----	3
C 7	5G3486	PLATE-----	1
C 8	5G3487	PLATE-----	1
C 9	1U4208	PIN-----	3
	9J4209	RETAINER-----	3
10	8J6201	TIP-----	3

C INDICATES CHANGE 234480

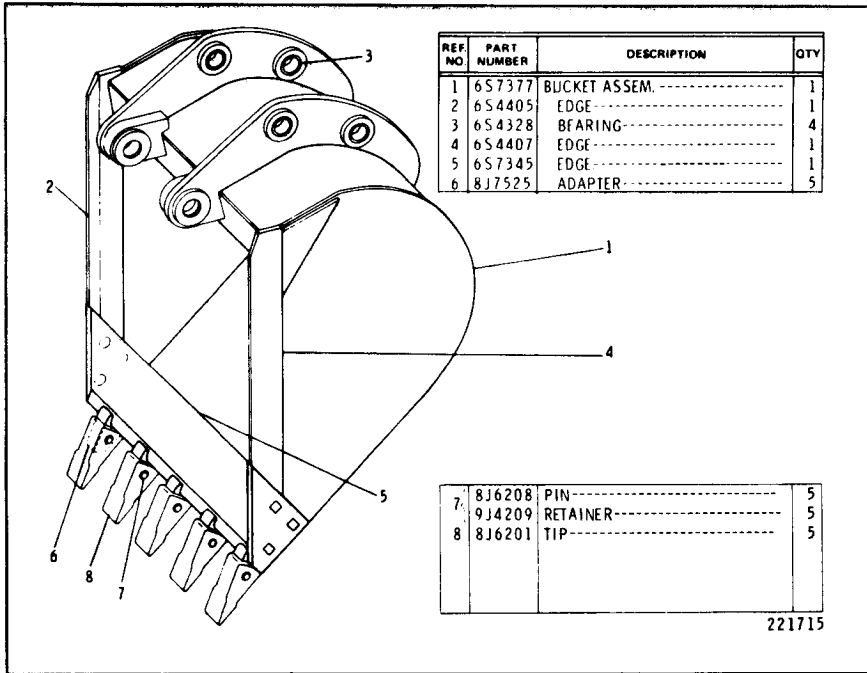
5G887 HOE BUCKET GROUP—457.2 mm (18 in.) Wide—Type 2
AN ATTACHMENT

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6S4643	BUCKET ASSEM. ----- (Includes)	1
2	6S4405	EDGE-----	1
3	6S4328	BEARING-----	4
4	6S4407	EDGE-----	1
C 5	5G3488	EDGE-----	1
6	8J7525	ADAPTER-----	4
C 7	5G3487	PLATE-----	1
C 8	5G3486	PLATE-----	1
C 9	1U4208	PIN-----	4
	9J4209	RETAINER-----	4
10	8J6201	TIP-----	4

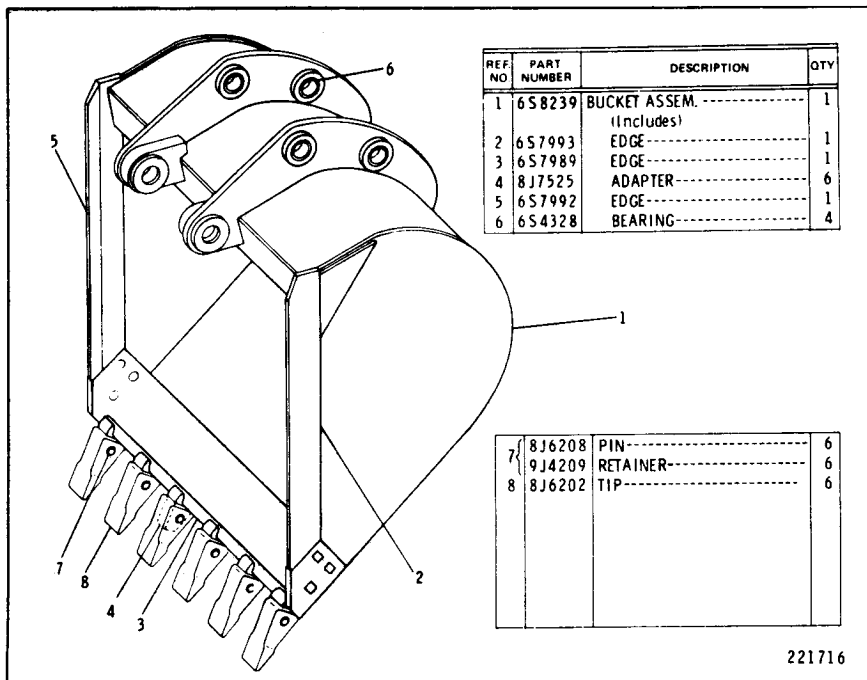
C INDICATES CHANGE 234482

5G885 HOE BUCKET GROUP—609.6 mm (24 in.) Wide—Type 2
AN ATTACHMENT

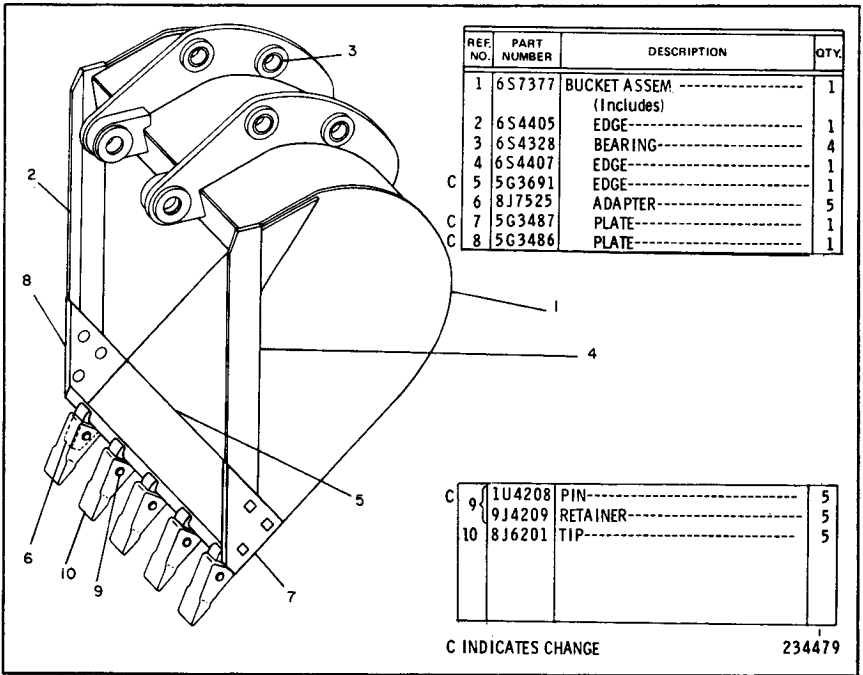
CATERPILLAR D3B TRACTOR



**5G888 HOE BUCKET GROUP—762 mm (30") Wide—Type 1
AN ATTACHMENT**

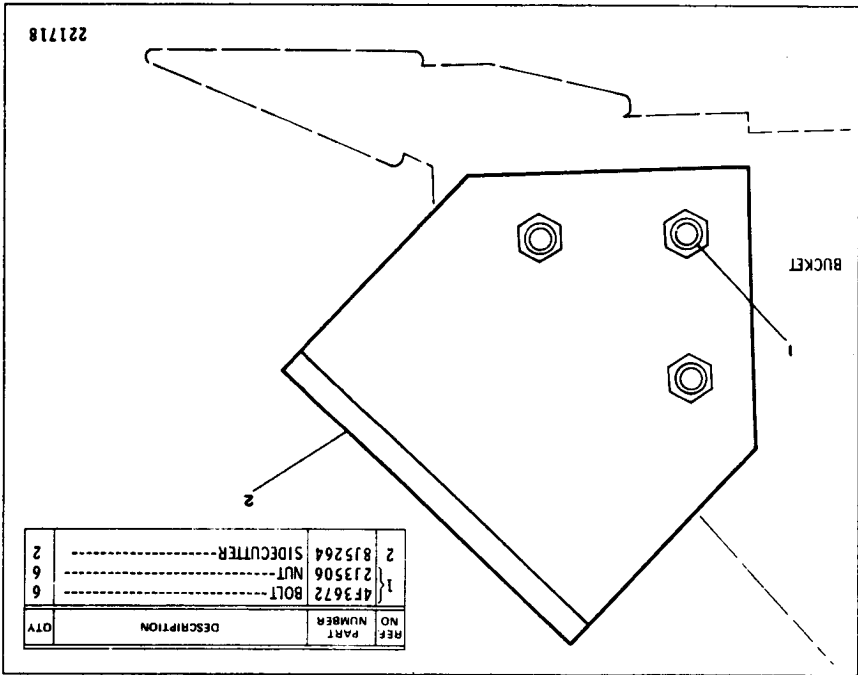


**5G886 HOE BUCKET GROUP—914.4 mm (36") Wide
AN ATTACHMENT**



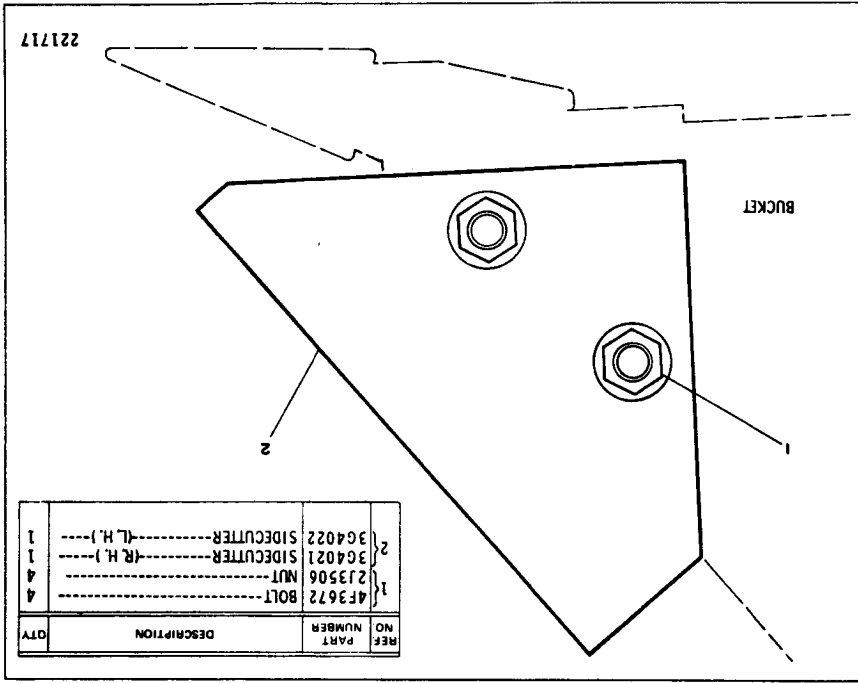
5G888 HOE BUCKET GROUP—762 mm (30") Wide—Type 2
AN ATTACHMENT

IMPLEMENTS



REF NO	PART NUMBER	DESCRIPTION	QTY
1	4F3672	BOLT	6
1	2J3506	NUT	6
2	8J5264	SIDECUTTER	2

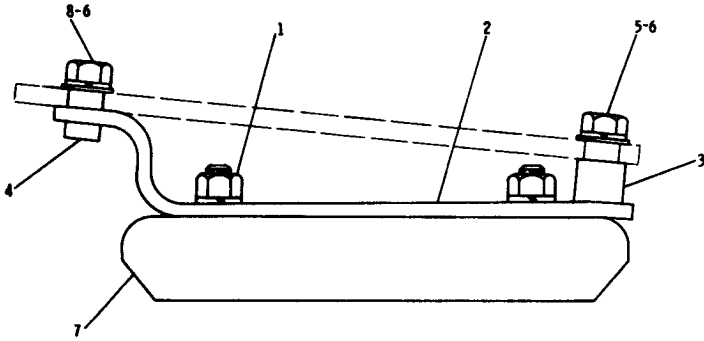
3G4047 SIDECUTTER GROUP—Blade
 FOR USE WITH 5G889, 5G887, 5G885, 5G888 AND 5G886 BUCKET GROUPS
 SHOWN ON PAGES 184, 185 AND 186. AN ATTACHMENT



REF NO	PART NUMBER	DESCRIPTION	QTY
1	4F3672	BOLT	4
1	2J3506	NUT	4
2	3G4021	SIDECUTTER—(R.H.)	1
2	3G4022	SIDECUTTER—(L.H.)	1

3G4048 SIDECUTTER GROUP—Strike-Off
 FOR USE WITH 5G889, 5G887, 5G885 AND 5G888 BUCKET GROUPS SHOWN ON
 PAGES 184, 185 AND 186. AN ATTACHMENT

CATERPILLAR D3B TRACTOR



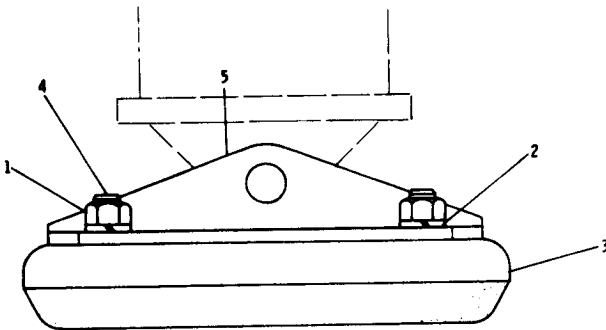
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1B4206	NUT-----	16
3	3B4510	LOCKWASHER-----	16
2	6S7796	BRACKET ASSEM.-----	2
3	6S7795	BLOCK-----	1
4	3J5169	NUT-----	2

C	5	S1566	BOLT-----	4
	6	3B4510	LOCKWASHER-----	8
	6	2B2814	SPACER-----	8
	7	4B4281	WASHER-----	8
	7	5F3926	SHOE ASSEM.-----	4
C	8	S1589	BOLT-----	4

C INDICATES CHANGE

162759

6S7799 STREET PAD GROUP
FOR USE ON THE STABILIZER ARMS OF THE FIXED PIVOT BACKHOE
AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1B4206	NUT-----	16
2	3B4510	LOCKWASHER-----	16
3	5F3926	SHOE ASSEM.-----	4
4	5F3918	BOLT-----	4
5	6S7477	PAD ASSEM.-----	2

146711

6S7899 STREET PAD GROUP
FOR USE ON THE STABILIZER FEET OF THE SIDESHIFT BACKHOE
AN ATTACHMENT

CONSISTS OF:

			PAGE
1	8J3334	RIPPER GROUP	190
1	7J9920	CYLINDER GROUP	140
1	6S3559	RIPPER LINES GROUP	154
1	8J3294	RIPPER MOUNTING GROUP	189
1	2P3817	FILM	

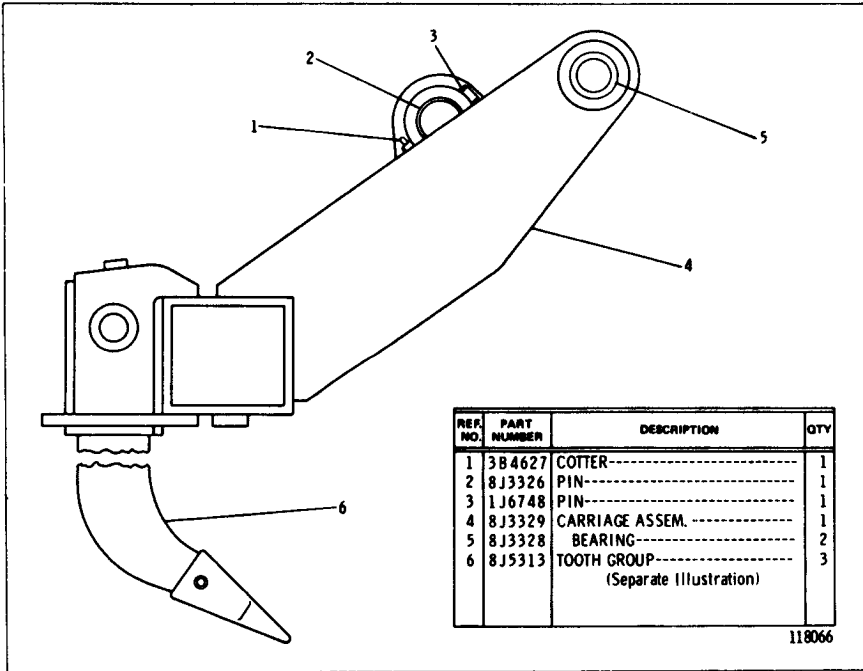
NOTE: 8M3494 SERIAL NUMBER PLATE IS FASTENED WITH 2 7B3028 DRIVE SCREWS AND LOCATED ON CARRIAGE ASSEMBLY AT REAR R.H. SIDE

**9J9005 RIPPER ARRANGEMENT
AN ATTACHMENT**

REQ. NO.	PART NUMBER	DESCRIPTION	QTY
1	253390	STUD-----	6
2	184333	NUT-----	10
3	3K5234	WASHER-----	10
3	8J3281	PLATE ASSEM. -----(R. H.)-----	1
4	1J6748	PIN-----	3
4	3B4627	COTTER PIN-----	3
5	8J3285	PIN-----	2
6	8J3282	PLATE ASSEM. -----(L. H.)-----	1
7	9M5854	STUD-----	4
8	8J3286	PLATE ASSEM. -----	1
9	4F2042	PIN-----	1

118065

8J3294 RIPPER MOUNTING GROUP
Part of 9J9005 Ripper Arrangement
AN ATTACHMENT

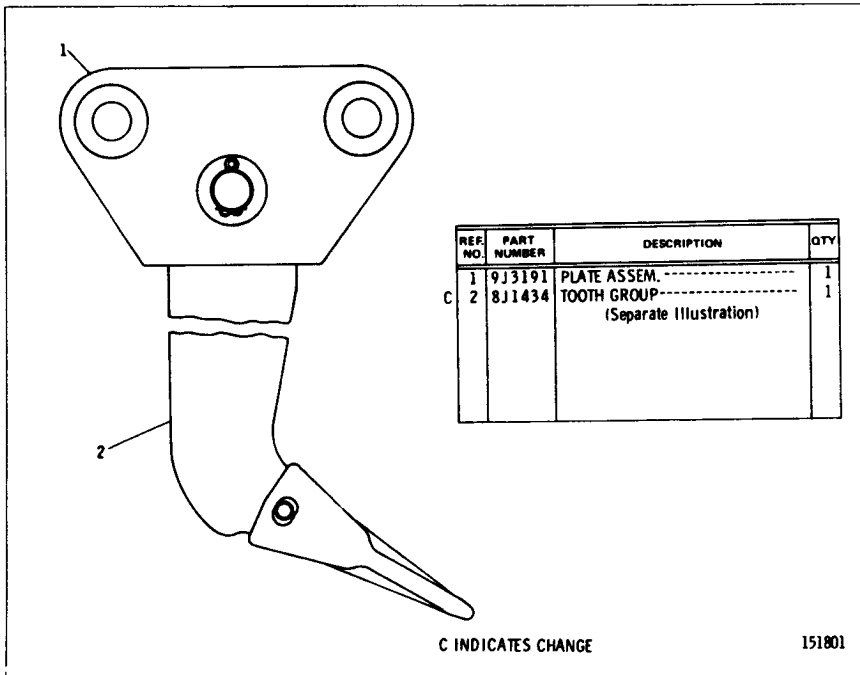


8J3334 RIPPER GROUP

Serial No. 84U1—Up

Part of 9J9005 Ripper Arrangement listed on Page 189

8J5313 Tooth parts are shown on Page 191



9J3192 BACKHOE RIPPER GROUP

8J1434 Tooth parts are shown on Page 191

AN ATTACHMENT

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	7J9600	PIN ASSEM.-----	1
1	5J3576	SPRING-----	1
2	8J5299	SHANK-----	1
3	8J6208	PIN-----	1
3	9J4209	RETAINER-----	1
4	8J6201	TIP---13.33 cm(5.25 in.) long----	1
4	8J6202	- OR -	
▲	8J6202	TIP---15.24 cm(6 in.) long-----	1

C INDICATES CHANGE
 ▲ NOT PART OF 8J5313 TOOTH GROUP

226261

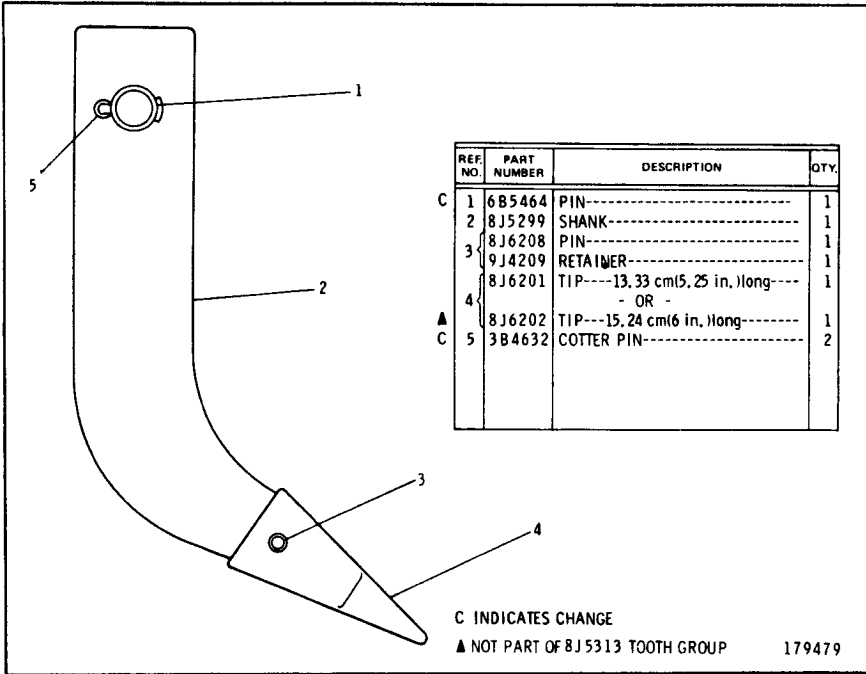
8J5313 RIPPER TOOTH GROUP
 Ripper Serial No. 84U1 to 84U1979 inclusive
 Also part of 8J3334 Ripper Arrangement listed on Page 190

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	3B5325	COTTER PIN-----	2
2	2K6413	PIN-----	1
C	9J6586	SHANK-----	1
3		- OR -	
▲	9J8913	SHANK----- (curved)-----	1
C	9J6583	PIN-----	1
C	3G9549	RETAINER-----	1
C	9J8910	TIP-----	1

▲ NOT PART OF 8J1434 TOOTH GROUP
 C INDICATES CHANGE

180067

8J1434 TOOTH GROUP
 Part of 9J3192 Ripper Group shown on Page 190
 AN ATTACHMENT



179479

8J5313 RIPPER TOOTH GROUP
 Ripper Serial No. 84U1980—Up
 Also part of 8J3334 Ripper Arrangement listed on Page 190

7G9422 WINCH ARRANGEMENT
FOR USE WITHOUT CAB
AN ATTACHMENT

1	7G9470	WINCH DRIVE GROUP	191H
1	7G9444	TOWING WINCH ARRANGEMENT	191C
1	7G9423	WINCH MOUNTING GROUP	191H
1	5G3774	WINCH PUMP AND LINES GROUP	191AA
1	5G2636	TOWING WINCH CONTROL GROUP	191Q
CONSISTS OF:			
PAGE			

6T1278 WINCH ARRANGEMENT
FOR USE WITH CAB
AN ATTACHMENT

1	7G9470	WINCH DRIVE GROUP	191H
1	7G9444	TOWING WINCH ARRANGEMENT	191C
1	7G9423	WINCH MOUNTING GROUP	191H
1	5G4331	TOWING WINCH CONTROL GROUP	191R
1	5G3774	WINCH PUMP AND LINES GROUP	191AA
CONSISTS OF:			
PAGE			

CATERPILLAR D3B TRACTOR

CONSISTS OF:		PAGE
1	7G5668 CLUTCH AND GEAR GROUP	191J
1	7G6798 WINCH HYDRAULIC CONTROL GROUP	191U
1	7G9424 COVERS AND CASE GROUP	191D
1	7G9425 WINCH LINES GROUP	191Z
1	7G9447 SHIPPING COVERS GROUP.....	191C
1	6V527 PLATE--SERIAL NUMBER (WINCH) ON L.H. SIDE--FORWARD	
4	4B4158 DRIVE SCREW	
1	6V6345 FILM--WINCH LUBRICATION ON L.H. SIDE TOP COVER	
2	6V6346 FILM--CAT ON EACH SIDE OF WINCH	

7G9444 TOWING WINCH ARRANGEMENT

Winch Serial No. 7WA1—Up

Also part of 7G9422 and 6T1278 Winch Arrangements listed on Page 191B

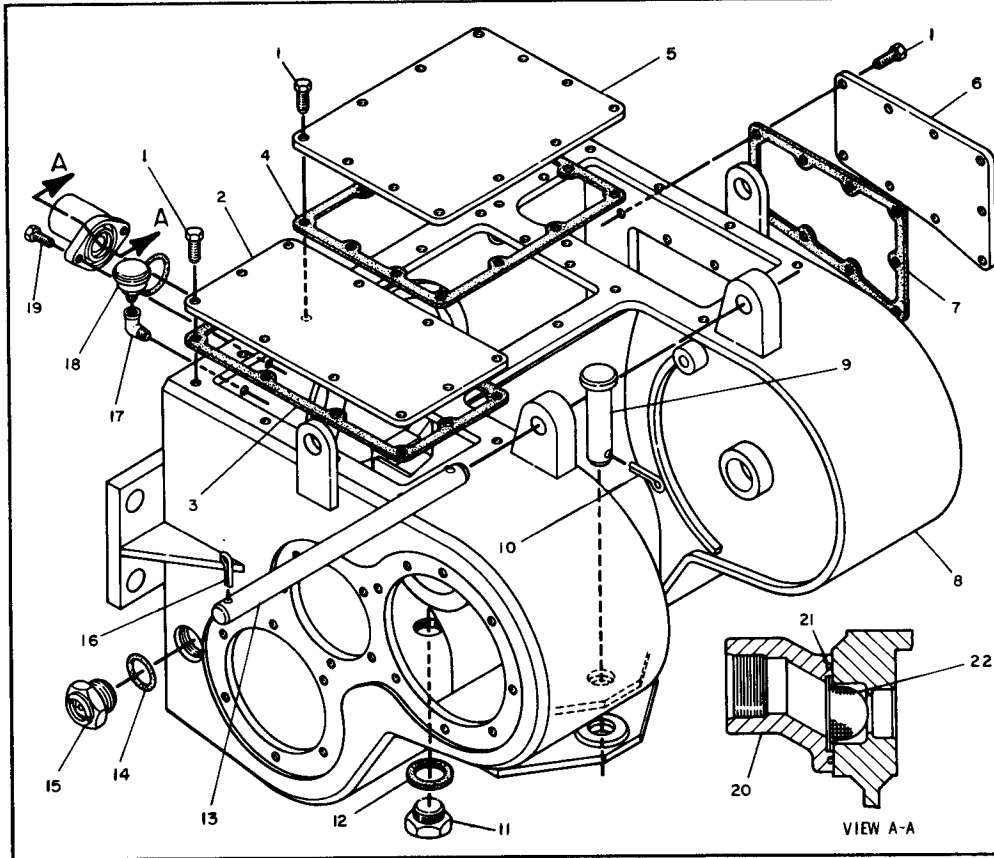
CONSISTS OF:

2	S509	BOLT
1	4B4948	COVER
1	9P7918	GASKET
2	9S4181	PLUG
2	7M8485	SEAL
1	3T9885	SHIPPING COVER

7G9447 SHIPPING COVERS GROUP

Part of 7G9444 Towing Winch Arrangement listed on Page 191C

7G9424 COVERS AND CASE GROUP
 Part of 7G9444 Towing Winch Arrangement listed on Page 191C

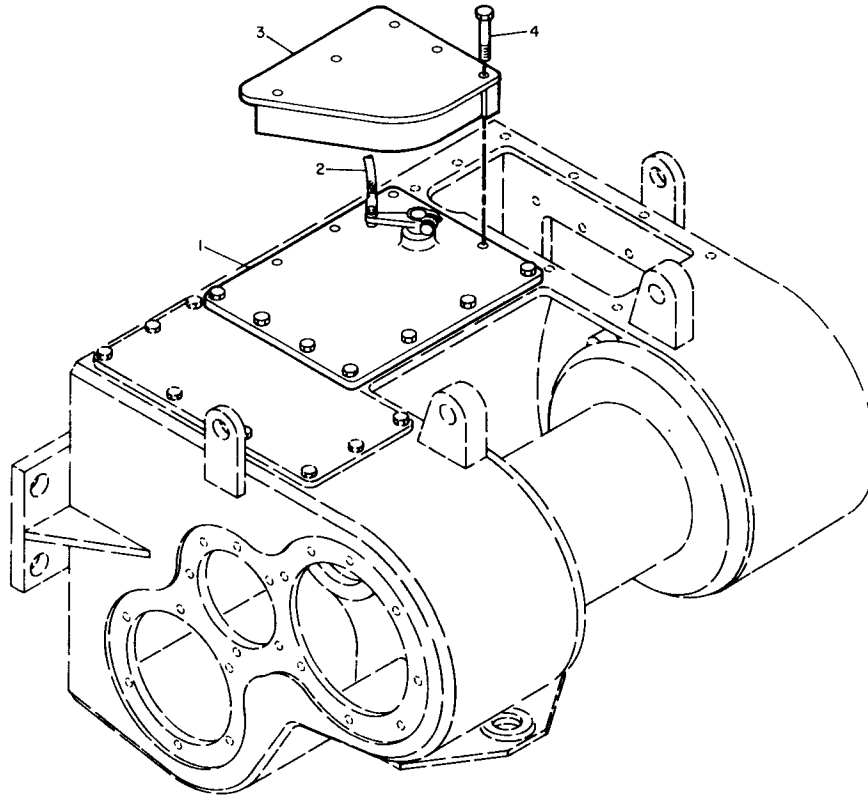


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	L1351	BOLT-----	31
2	7G7506	COVER-----	1
3	7G7507	GASKET-----	1
4	7G7510	GASKET-----	1
5	7G7509	COVER-----	1
6	7G7511	COVER-----	1
7	7G7512	GASKET-----	1
8	7G8310	CASE ASSEM.-----	1
9	3F8345	PIN-----	1
10	3B5313	COTTER-----	1
11	2D8390	PLUG-----	1
12	6F4868	GASKET-----	1
13	7G8303	SHAFT-----	1
14	7M8485	SEAL-----	1
15	4J4742	BODY ASSEM.-----	1
16	3B4637	COTTER-----	2
17	3B6773	ELBOW-----	1
18	9G5127	BREATHER-----	1
19	3B1915	BOLT-----	2
20	7G8307	FLANGE-----	1
21	7D8048	SEAL-----	1
22	9P217	SCREEN-----	1

304119

IMPLEMENTS

191D

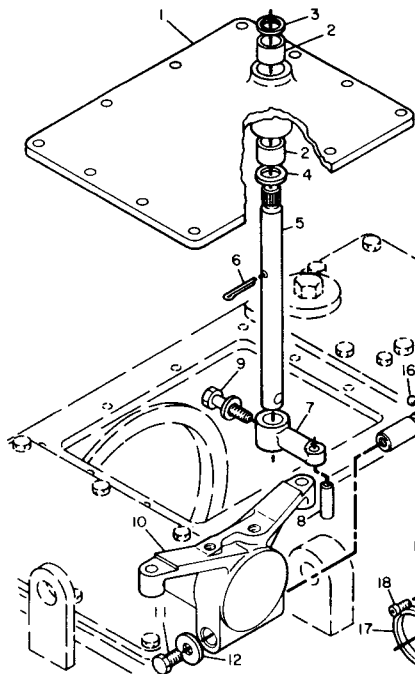


REF NO.	PART NUMBER	DESCRIPTION	QTY
1	9G921	WINCH CONVERSION GROUP----- (Separate Illustration)	1
2	5G3938	CONTROL GROUP----- (Separate Illustration)	1
3	3T9980	COVER ASSEM. -----	1
4	S1619	BOLT-----	5

304193

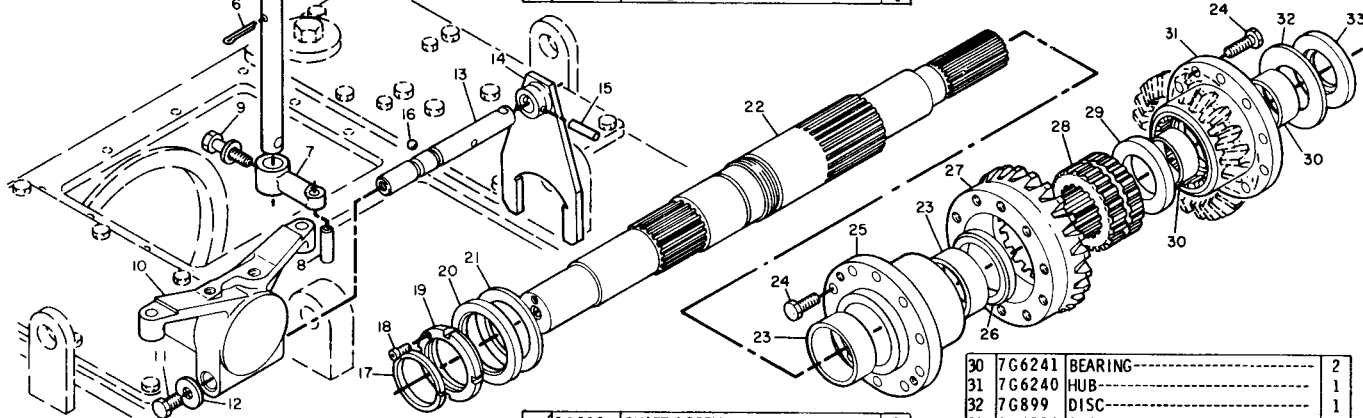
3T9837 WINCH CONVERSION ARRANGEMENT—Directional
FOR USE WITH 7G9444 TOWING WINCH ARRANGEMENT LISTED ON PAGE 191C
5G3938 Control and 9G921 Conversion parts are shown on Pages 191S and 191F
AN ATTACHMENT

9G921 WINCH CONVERSION GROUP—Power Out
FOR USE WITH 7G9444 TOWING WINCH ARRANGEMENT LISTED ON PAGE 191C
Part of 3T9837 Winch Conversion Arrangement shown on Page 191E
AN ATTACHMENT



3	8F7702	SEAL-----	1
4	4H1394	WASHER-----	2
5	9G915	SHAFT-----	1
6	3B4617	COTTER-----	1
7	7S8494	LEVER ASSEM.-----	1
	7S6930	LEVER-----	1
8	7S8489	DOWEL-----	1
9	S1571	BOLT-----	1
	5M2894	WASHER-----	1
10	7G6266	CAGE-----	1
11	S509	BOLT-----	1
12	L1319	WASHER-----	1

19	3T8848	NUT-----	1
20	9G5402	SPACER-----	1
21	9G5401	WASHER-----	1
22	9G5398	SHAFT-----	1
23	9G5399	BEARING-----	2
24	S1595	BOLT-----	20
25	9G5400	HUB-----	1
26	9G5414	SPACER-----	1
27	7G6239	GEAR-----	1
28	3T9714	COLLAR-----	1
29	7G6243	SPACER-----	1

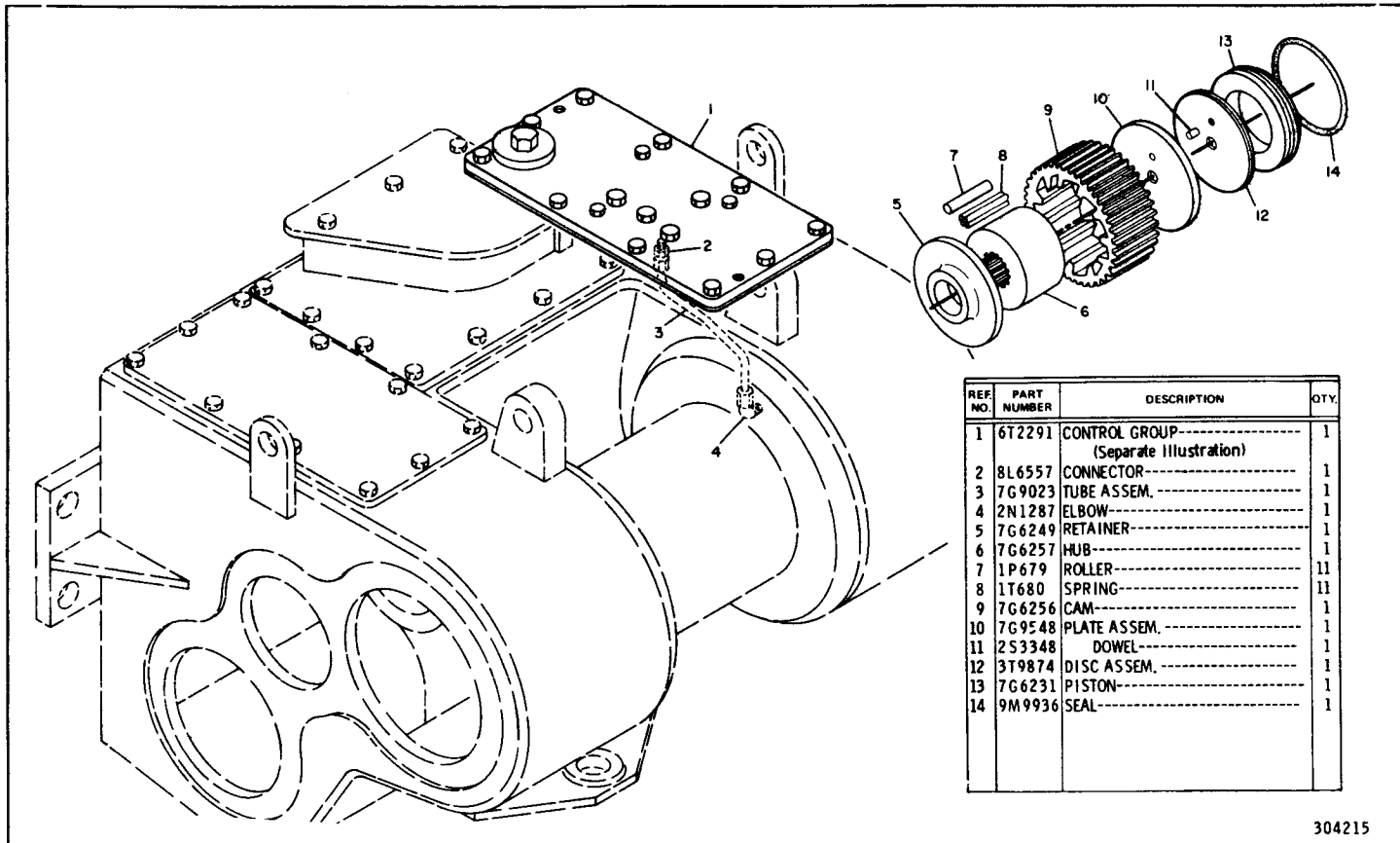


13	9G913	SHAFT ASSEM.-----	1
	9G914	SHAFT-----	1
14	9G911	FORK ASSEM.-----	1
15	7J2546	PISTON-----	1
16	2D6642	BALL-----	1
17	1S5008	RING-----	1
18	8H708	BOLT-----	1

30	7G6241	BEARING-----	2
31	7G6240	HUB-----	1
32	7G899	DISC-----	1
33	7G6230	SPACER-----	1

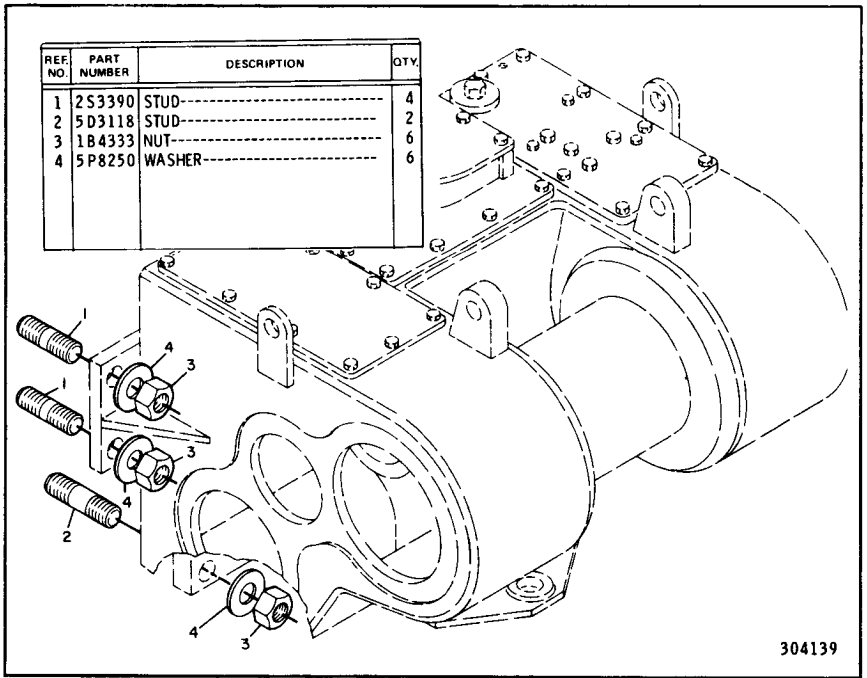
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9G918	COVER ASSEM.-----	1
1	9G917	COVER ASSEM.-----	1
2	8H8175	BEARING-----	2

304197

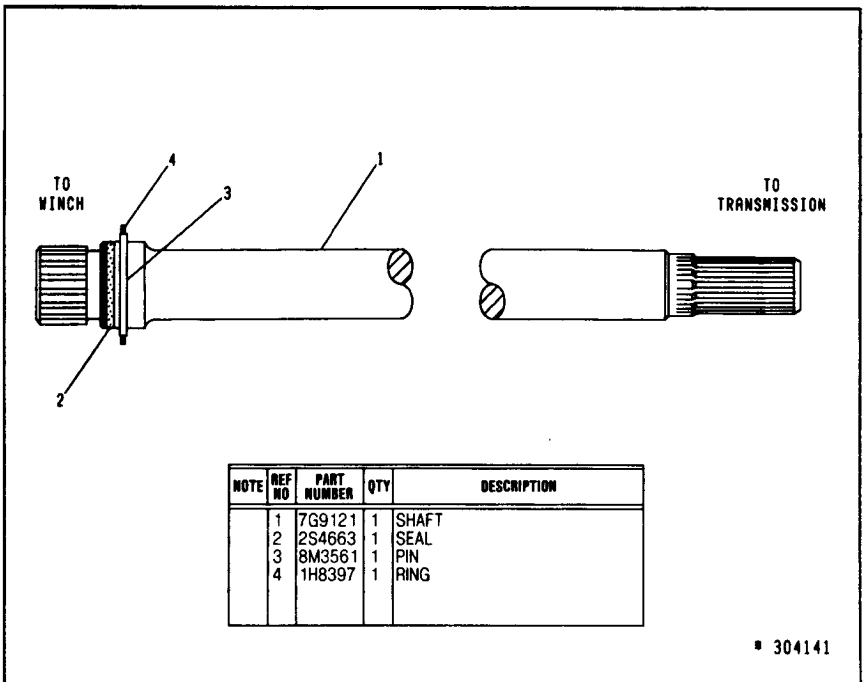


304215

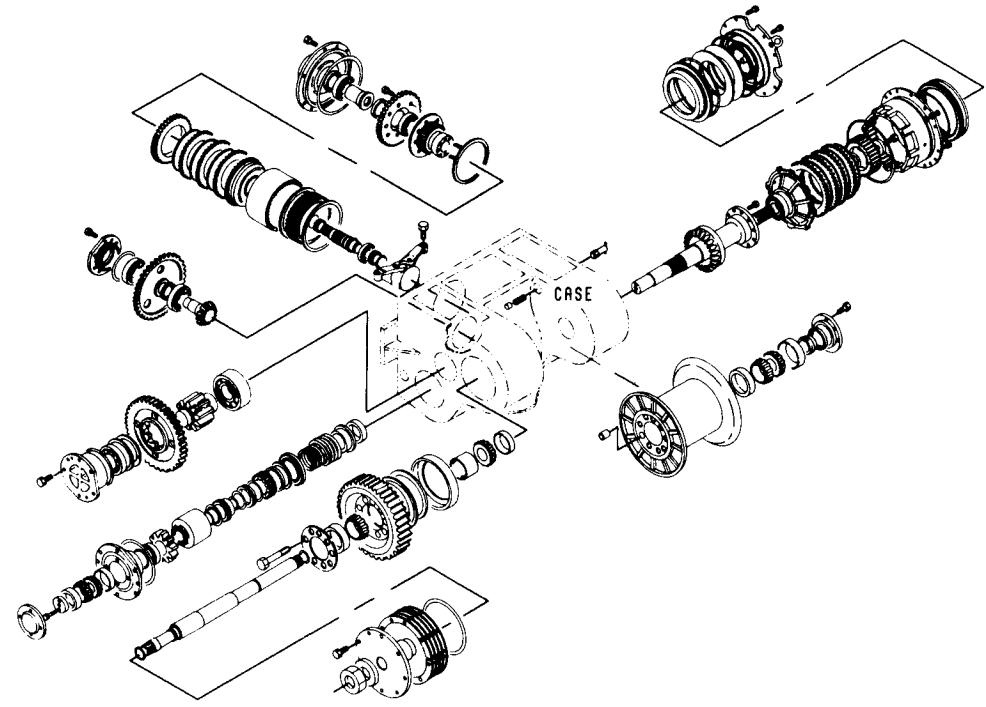
7G9547 WINCH CONVERSION GROUP—Anti-Fallback
 Winch Serial No. 7WA1—Up. FOR USE WITH 7G9444 TOWING WINCH ARRANGEMENT LISTED ON PAGE 191C
 6T2291 Control parts are shown on Page 191T. AN ATTACHMENT



7G9423 WINCH MOUNTING GROUP
 Part of 7G9422 and 6T1278 Winch Arrangements listed on Page 191B
 AN ATTACHMENT



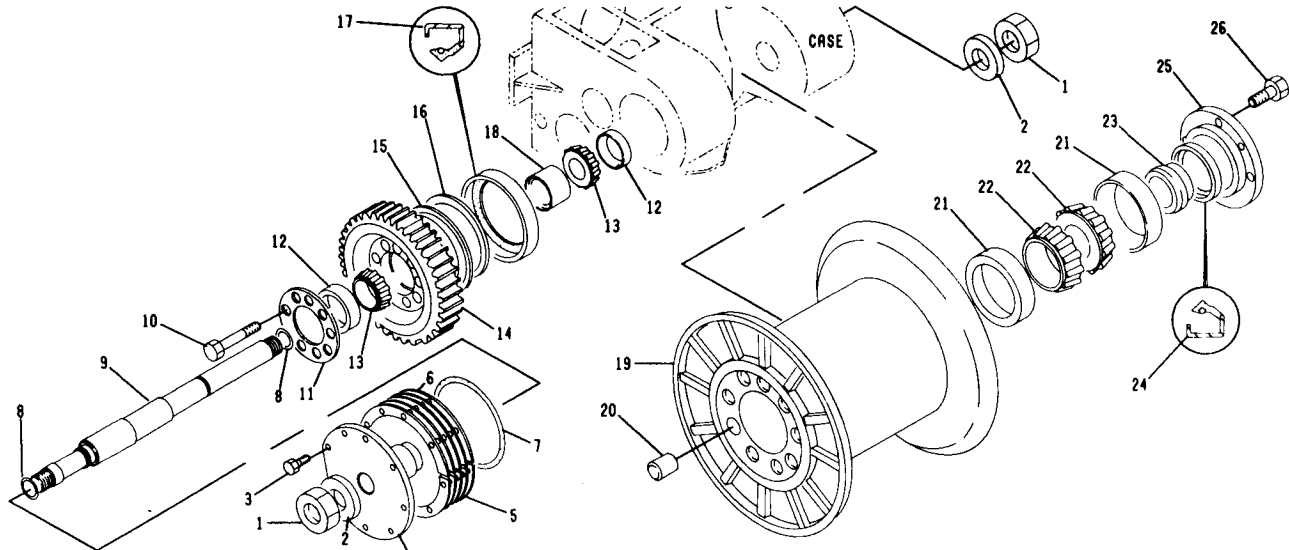
7G9470 WINCH DRIVE GROUP
 Part of 7G9422 and 6T1278 Winch Arrangements listed on Page 191B
 AN ATTACHMENT



▪ 305185

7G5668 CLUTCH AND GEAR GROUP—Part 1 of 6
Part of 7G9444 Towing Winch Arrangement listed on Page 191C

7G5668 CLUTCH AND GEAR GROUP—Part 2 of 6
 Part of 7G9444 Towing Winch Arrangement listed on Page 191C



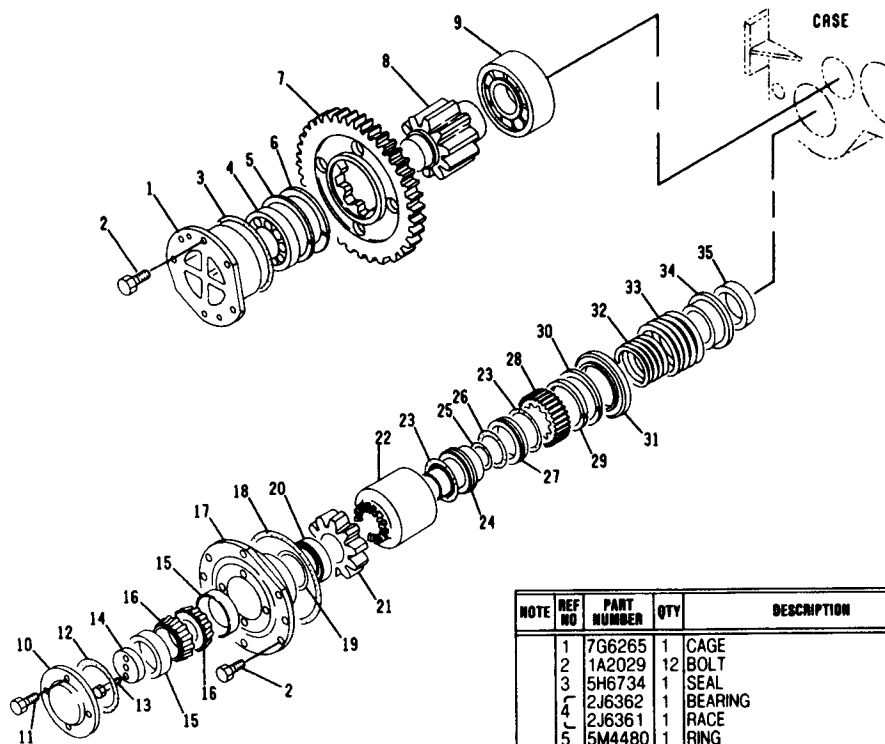
NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	3B1250	2	NUT
	2	9K2129	2	SPACER
	3	1A2029	8	BOLT
	4	7G6316	1	SUPPORT
	5	7G6228	1	SHIM PACK (5 SHIMS)
	6	7G6317	1	SHIM PACK (5 SHIMS)
	7	4H6520	1	SEAL
	8	4F7952	2	SEAL
	9	7G6315	1	SHAFT ASSEM.

10	1D4615	8	BOLT
11	7G5419	1	RING
12	5P7606	2	CUP
13	5P7605	2	CONE
14	7G6318	1	GEAR (31 TEETH)
15	2V9404	1	RING
16	7G6320	1	RING
17	6V6899	1	SEAL
18	3T9193	1	SPACER
19	7G6319	1	DRUM ASSEM.
20	358128	1	PIN

C	21	4D8648	2	CUP
	22	649056	2	CONE
	23	7G6323	1	SLEEVE
	24	5L4776	1	SEAL
	25	7G6322	1	RETAINER
	26	L1351	4	BOLT

C-INDICATES CHANGE

■ 308999



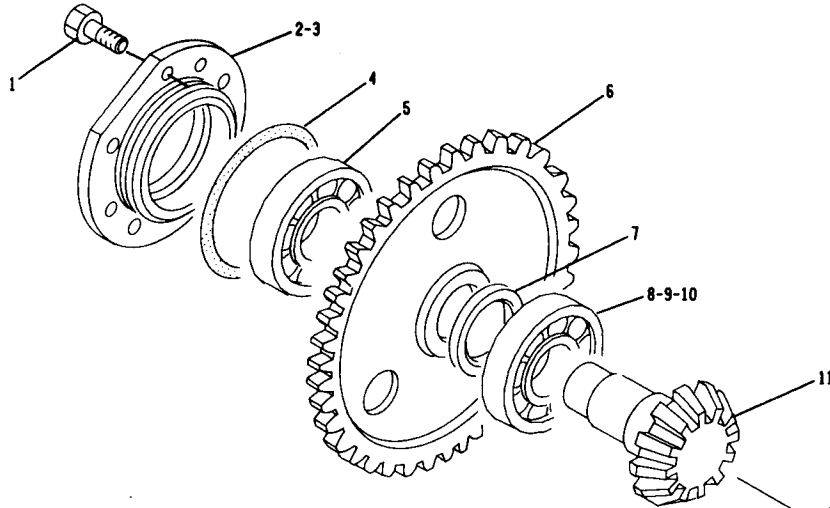
NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	7G6265	1	CAGE
	2	1A2029	12	BOLT
	3	5H6734	1	SEAL
	4	2J6362	1	BEARING
	5	2J6361	1	RACE
	6	5M4480	1	RING
		7G6263	1	PLATE

7	7G6262	1	GEAR
8	7G6264	1	GEAR
9	5K8591	1	BEARING
10	3B3969	1	RACE
10	9G5412	1	CAGE
11	L1351	4	BOLT
12	9M7539	1	SEAL
13	S1590	2	BOLT
14	9G5413	1	PLATE
15	6V2200	2	CUP
16	37501	2	CONE
17	9G5411	1	CAGE
17	7G6248	2	SHIM PACK
18	8F8733	1	SEAL
19	3N8505	1	RING
20	9G5410	1	CARRIER
21	9G5409	1	GEAR
22	9G5406	1	COUPLER
23	3K4025	2	SEAL
24	9G5407	1	CARRIER
25	4L7711	1	SEAL
26	3S4489	1	SEAL
27	9G5408	1	CARRIER
28	9G5405	1	HUB
29	9G5415	1	SPACER
30	1K6986	1	RING
31	6T1730	1	RETAINER
32	6T1544	1	SPRING
33	7D2659	1	SPRING
34	6T1729	1	RETAINER
35	6T1545	1	SPACER

■ 304114

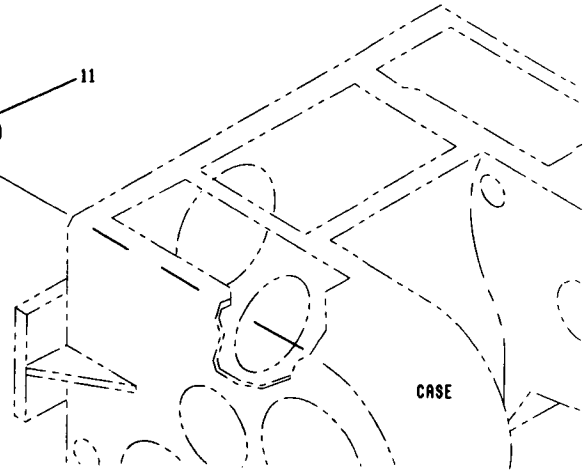
7G5668 CLUTCH AND GEAR GROUP—Part 3 of 6
Part of 7G9444 Towing Winch Arrangement listed on Page 191C

7G5668 CLUTCH AND GEAR GROUP—Part 4 of 6
 Part of 7G9444 Towing Winch Arrangement listed on Page 191C



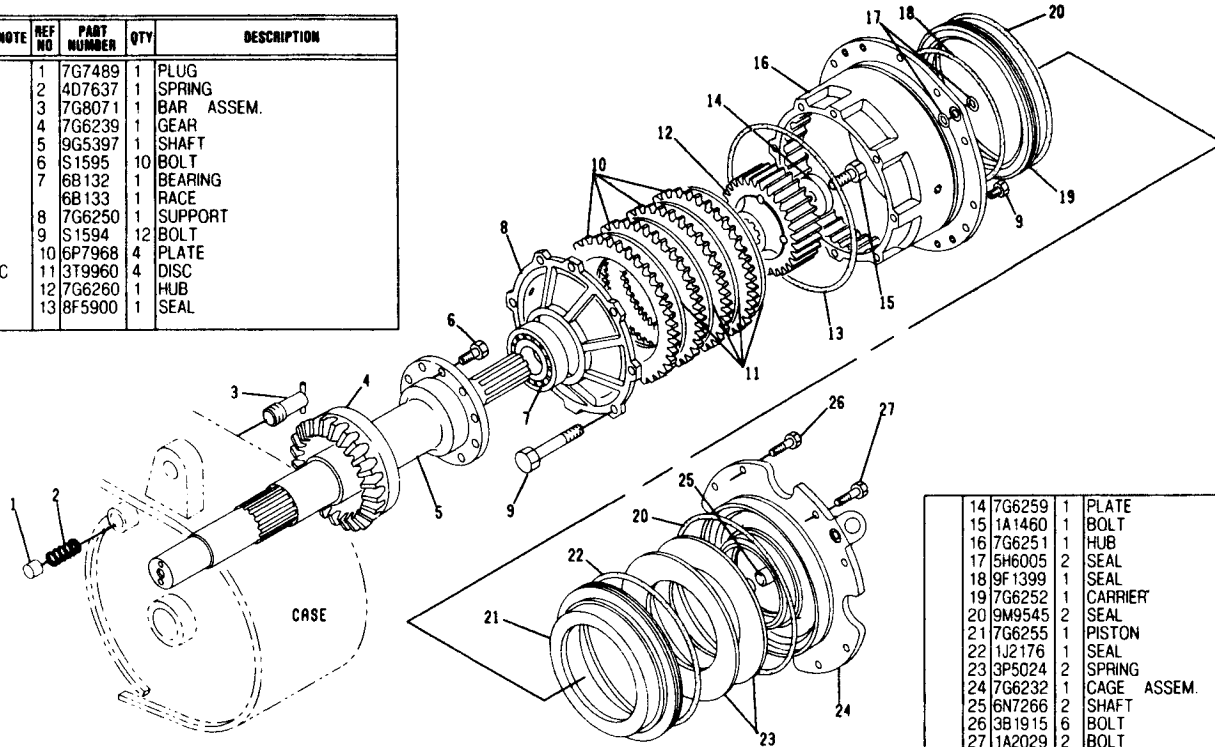
7	7G6267	1	SPACER
8	2D6420	1	RACE
9	7M1154	1	BEARING
10	1H8142	1	RING
11	7G6234	1	PINION (12 TEETH)

NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	S1594	6	BOLT
	2	7G6540	1	CAGE
	3	7G6235	1	SHIM PACK (6 SHIMS)
	4	8H7521	1	SEAL
	5	3L1425	1	BEARING
	6	7G6236	1	GEAR (47 TEETH)



■ 304115

NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	7G7489	1	PLUG
	2	4D7637	1	SPRING
	3	7G8071	1	BAR ASSEM.
	4	7G6239	1	GEAR
	5	9G5397	1	SHAFT
	6	S1595	10	BOLT
	7	6B132	1	BEARING
		6B133	1	RACE
	8	7G6250	1	SUPPORT
	9	S1594	12	BOLT
	10	6P7968	4	PLATE
C	11	3T9960	4	DISC
	12	7G6260	1	HUB
	13	8F5900	1	SEAL



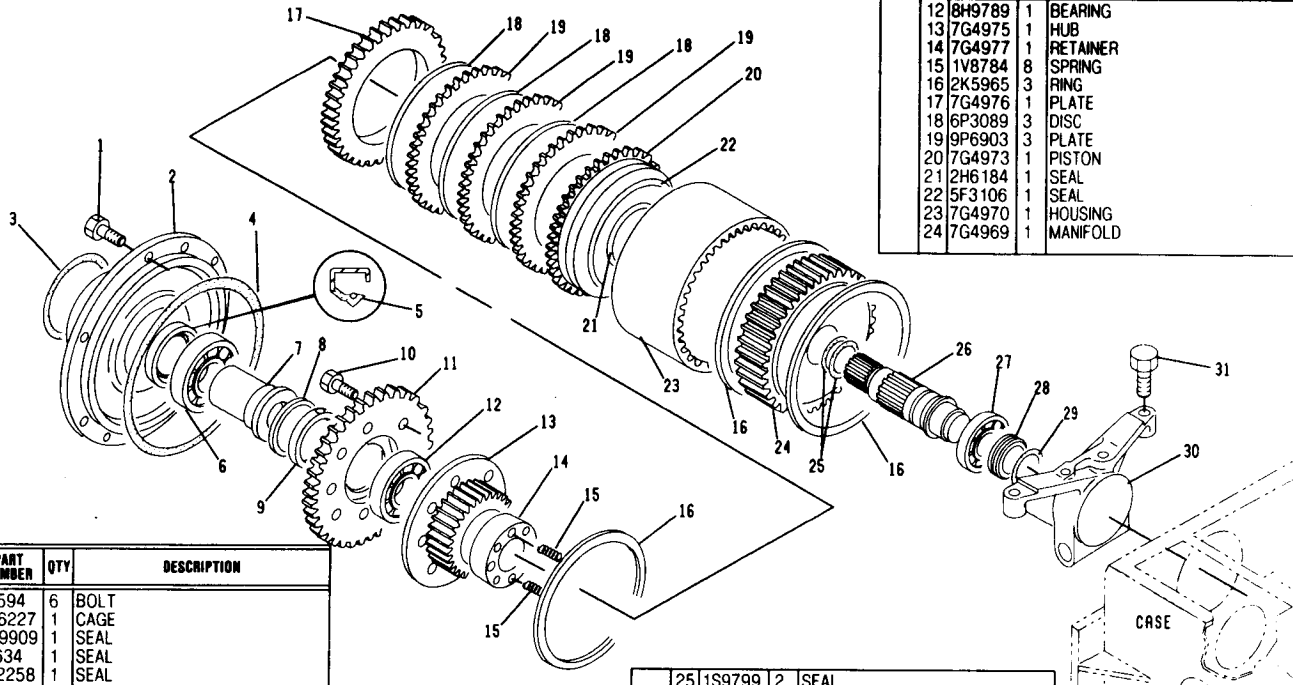
14	7G6259	1	PLATE
15	1A1460	1	BOLT
16	7G6251	1	HUB
17	5H6005	2	SEAL
18	9F1399	1	SEAL
19	7G6252	1	CARRIER
20	9M9545	2	SEAL
21	7G6255	1	PISTON
22	1J2176	1	SEAL
23	3P5024	2	SPRING
24	7G6232	1	CAGE ASSEM.
25	6N7266	2	SHAFT
26	3B1915	6	BOLT
27	1A2029	2	BOLT

C-INDICATES CHANGE

■ 309000

7G5668 CLUTCH AND GEAR GROUP—Part 5 of 6
Part of 7G9444 Towing Winch Arrangement listed on Page 191C

7G5668 CLUTCH AND GEAR GROUP—Part 6 of 6
 Part of 7G9444 Towing Winch Arrangement listed on Page 191C



12	8H9789	1	BEARING
13	7G4975	1	HUB
14	7G4977	1	RETAINER
15	1V8784	8	SPRING
16	2K5965	3	RING
17	7G4976	1	PLATE
18	6P3089	3	DISC
19	9P6903	3	PLATE
20	7G4973	1	PISTON
21	2H6184	1	SEAL
22	5F3106	1	SEAL
23	7G4970	1	HOUSING
24	7G4969	1	MANIFOLD

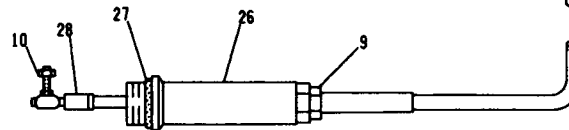
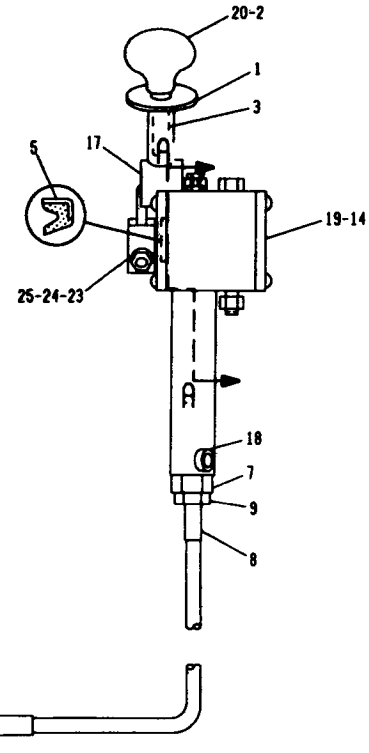
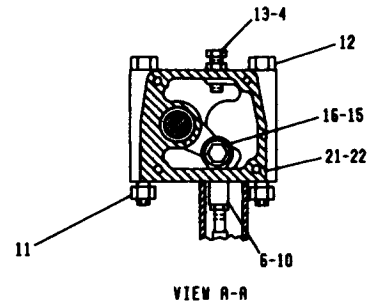
NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	S1594	6	BOLT
	2	7G6227	1	CAGE
	3	7M9909	1	SEAL
	4	3J634	1	SEAL
	5	9H2258	1	SEAL
	6	7F2742	1	BEARING
	7	7G6229	1	COUPLING
	8	3S6875	1	RING
	9	7G6226	1	SPACER
	10	L1351	8	BOLT
	11	7G4978	1	GEAR (28 TEETH)

25	1S9799	2	SEAL
26	7G6233	1	SHAFT ASSEM.
27	6V958	1	BEARING
28	5S969	1	CARRIER
29	2K5957	1	RING
30	7G9467	1	CAGE
31	T573	2	BOLT

■ 305186

IMPLEMENTS

NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	5G4312	1	LOCK ASSEM.
	2	6H7127	1	LUG
	3	6J1948	1	SPRING
	4	1B4427	1	NUT
	5	6V1604	1	SEAL
	6	6L7751	1	ROD END
	7	5G3832	1	NUT
	8	9P9422	1	CABLE ASSEM.
	9	9S1354	2	NUT
	10	6F612	2	NUT
	11	9F2978	1	NUT
	12	3H6630	2	BOLT
	13	4F7957	1	BOLT
	14	5G3929	1	HOUSING ASSEM.
	15	4B4276	1	WASHER
	16	S1615	1	BOLT
	17	5G3837	1	LEVER ASSEM.
	18	5L4719	1	SCREW
	19	5G3836	1	COVER
	20	L1170	1	HANDLE
	21	5G3833	1	COVER ASSEM.
	22	1S7443	8	SCREW
	23	5G3168	1	LEVER ASSEM.
	24	S1588	1	BOLT
	25	1D4717	1	NUT
	26	5G2648	1	HOUSING
	27	7M8485	1	SEAL
	28	8S7048	1	ROD END

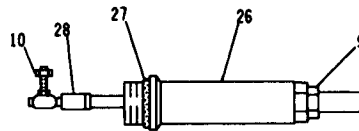
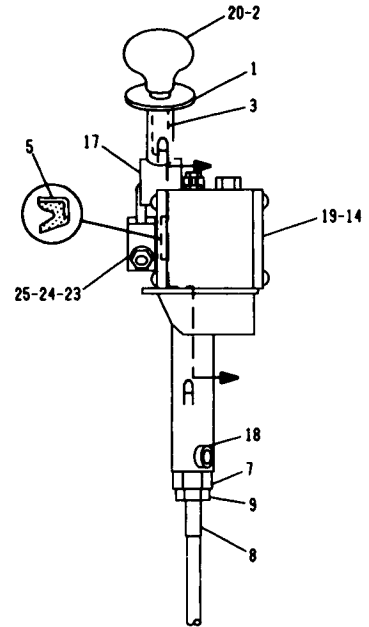
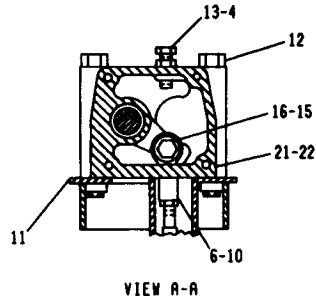


* 304144

5G2636 TOWING WINCH CONTROL GROUP—Open ROPS
Part of 7G9422 Winch Arrangement listed on Page 191 B
AN ATTACHMENT

5G4331 TOWING WINCH CONTROL GROUP—Cab Equipped
 Part of 6T1278 Winch Arrangement listed on Page 191B
 AN ATTACHMENT

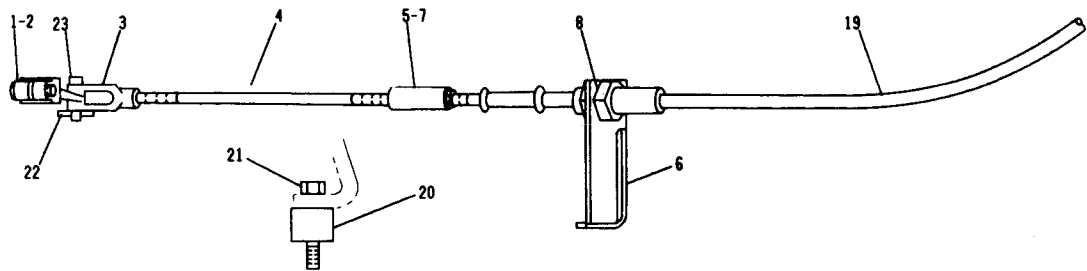
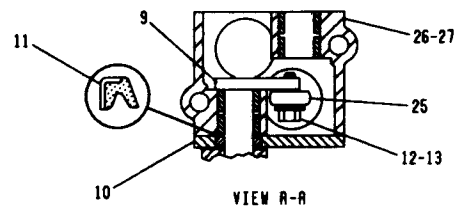
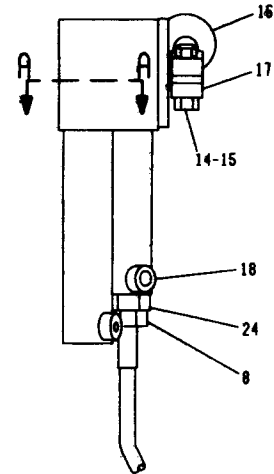
NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	5G4312	1	LOCK ASSEM.
	2	6H7127	1	LUG
	3	6J1948	1	SPRING
	4	1B4427	1	NUT
	5	6V1604	1	SEAL
	6	6L7751	1	ROD END
	7	5G3832	1	NUT
	8	9P9422	1	CABLE ASSEM.
	9	9S1354	2	NUT
	10	6F612	2	NUT
	11	5G3840	1	MOUNTING ASSEM.
	12	3H6630	2	BOLT
	13	4F7957	1	BOLT
	14	5G3929	1	HOUSING ASSEM.
	15	4B4276	1	WASHER
	16	S1615	1	BOLT
	17	5G3837	1	LEVER ASSEM.
	18	5L4719	1	SCREW
	19	5G3836	1	COVER
	20	L1170	1	HANDLE
	21	5G3833	1	COVER ASSEM.
	22	1S7443	8	SCREW
	23	5G3168	1	LEVER ASSEM.
	24	S1588	1	BOLT
	25	1D4717	1	NUT
	26	5G2648	1	HOUSING
	27	7M8485	1	SEAL
	28	8S7048	1	ROD END



• 304147

NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	S1597	1	BOLT
	2	5F2708	1	LEVER
	3	8B3768	1	YOKE
	4	7L5861	1	ROD
	5	7P9311	1	CONNECTOR
	6	5G3937	1	SUPPORT
	7	6F612	2	NUT
	8	9S1354	3	NUT
	9	5G3848	1	LEVER ASSEM.
	10	5G3834	1	COVER
	11	6V1604	1	SEAL
	12	S1615	1	BOLT
	13	4B4276	1	WASHER
	14	S1588	1	BOLT
	15	1D4717	1	NUT
	16	6D679	1	KNOB
	17	5G3847	1	LEVER ASSEM.
	18	5L4719	1	SCREW
	19	7G4746	1	CABLE ASSEM.
	20	1D5875	1	SPACER
	21	1A5822	1	BOLT
	22	3B4609	1	PIN

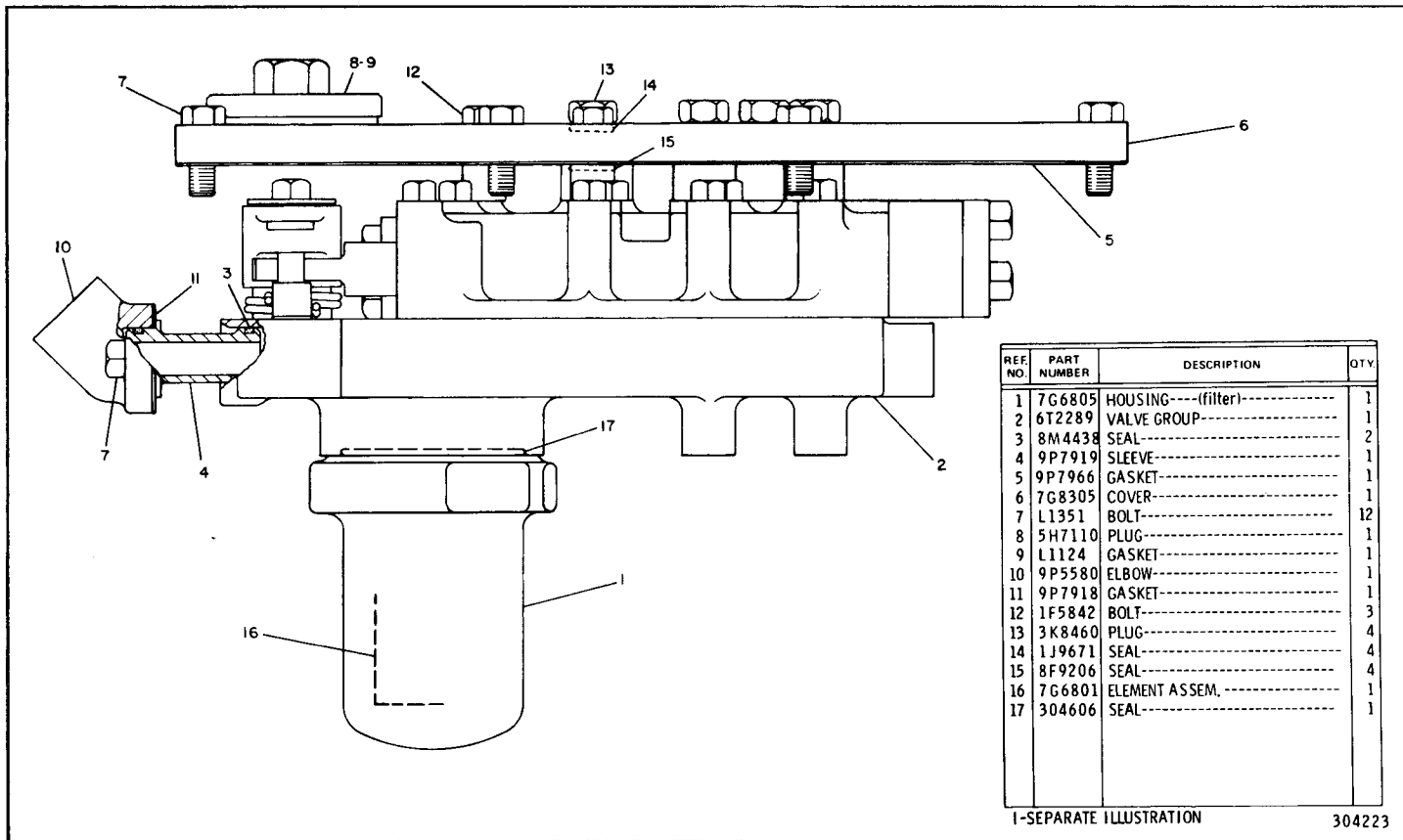
23	9S1303	1	PIN
24	5G3832	1	NUT
25	6L7751	1	ROD END
26	5G3828	1	HOUSING
27	3K3534	4	BEARING

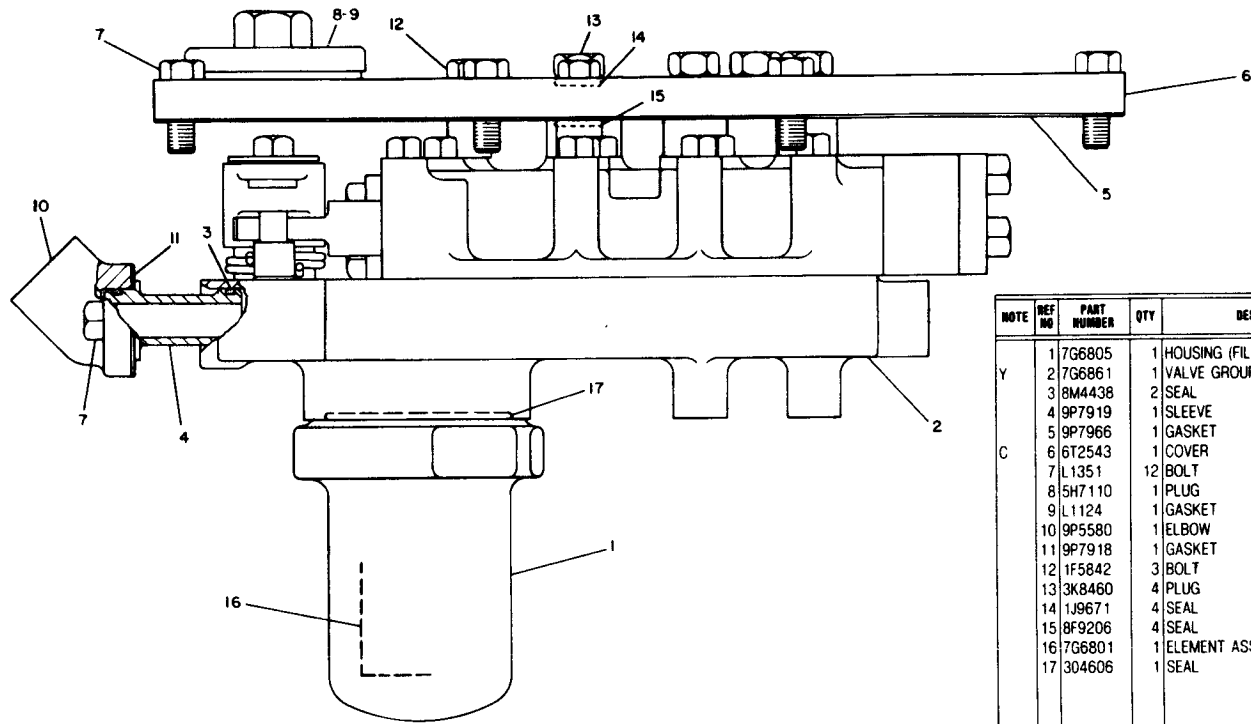


■ 304205

5G3938 TOWING WINCH CONTROL GROUP—Directional
Part of 3T9837 Winch Conversion Arrangement shown on Page 191E
AN ATTACHMENT

6T2291 WINCH HYDRAULIC CONTROL GROUP
 Winch Serial No. 7WA1—Up
 Part of 7G9547 Winch Conversion Group shown on Page 191G
 6T2289 Valve parts are shown on Page 191V. AN ATTACHMENT



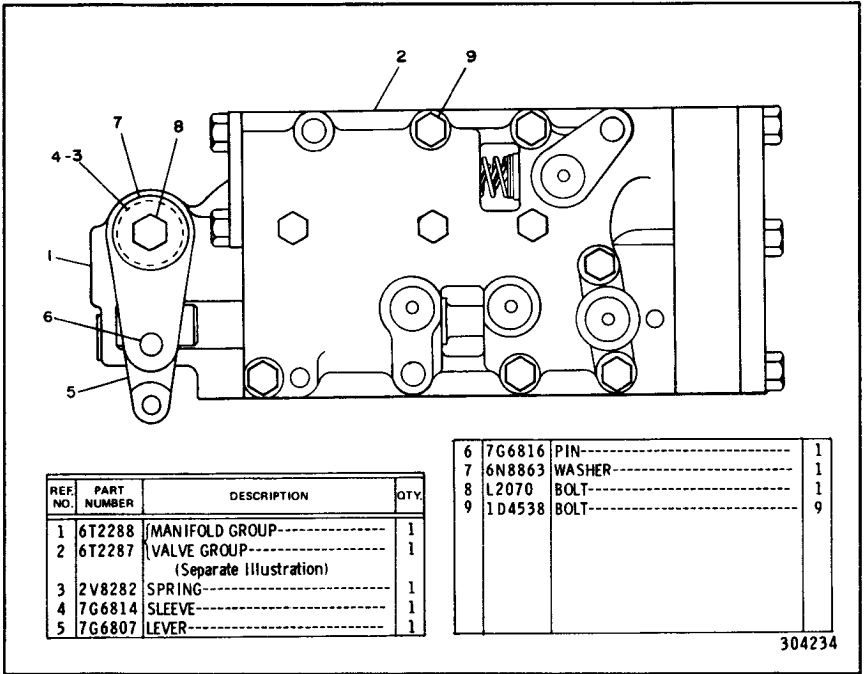


NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	7G6805	1	HOUSING (FILTER)
Y	2	7G6861	1	VALVE GROUP
	3	8M4438	2	SEAL
	4	9P7919	1	SLEEVE
	5	9P7966	1	GASKET
C	6	6T2543	1	COVER
	7	L1351	12	BOLT
	8	5H7110	1	PLUG
	9	L1124	1	GASKET
	10	9P5580	1	ELBOW
	11	9P7918	1	GASKET
	12	1F5842	3	BOLT
	13	3K8460	4	PLUG
	14	1J9671	4	SEAL
	15	8F9206	4	SEAL
	16	7G6801	1	ELEMENT ASSEM.
	17	304606	1	SEAL

C INDICATES CHANGE
 Y SEPARATE ILLUSTRATION

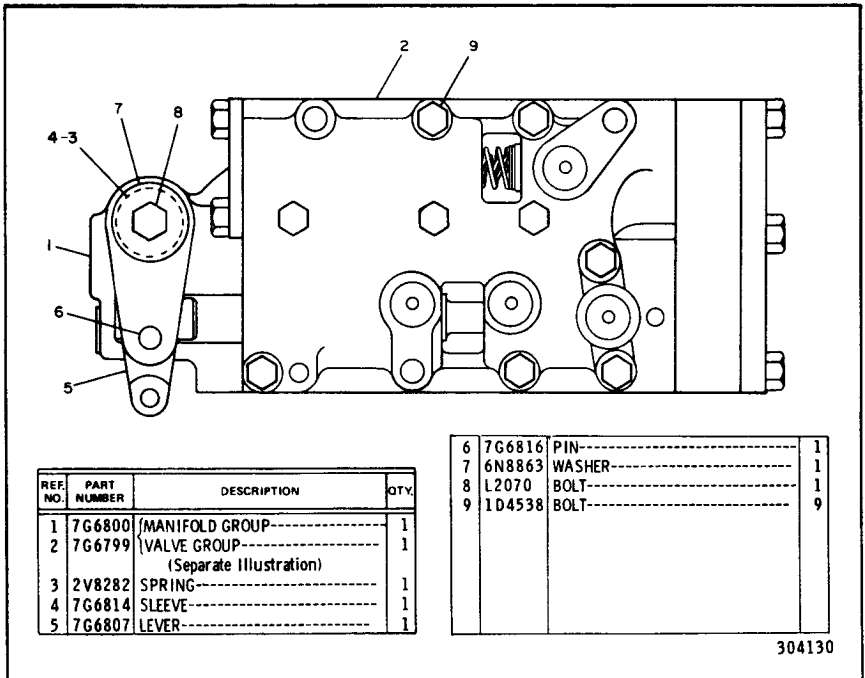
307057

7G6798 WINCH CONTROL GROUP
 Part of 7G9444 Towing Winch Arrangement listed on Page 191C
 7G6861 Valve parts are shown on Page 191V



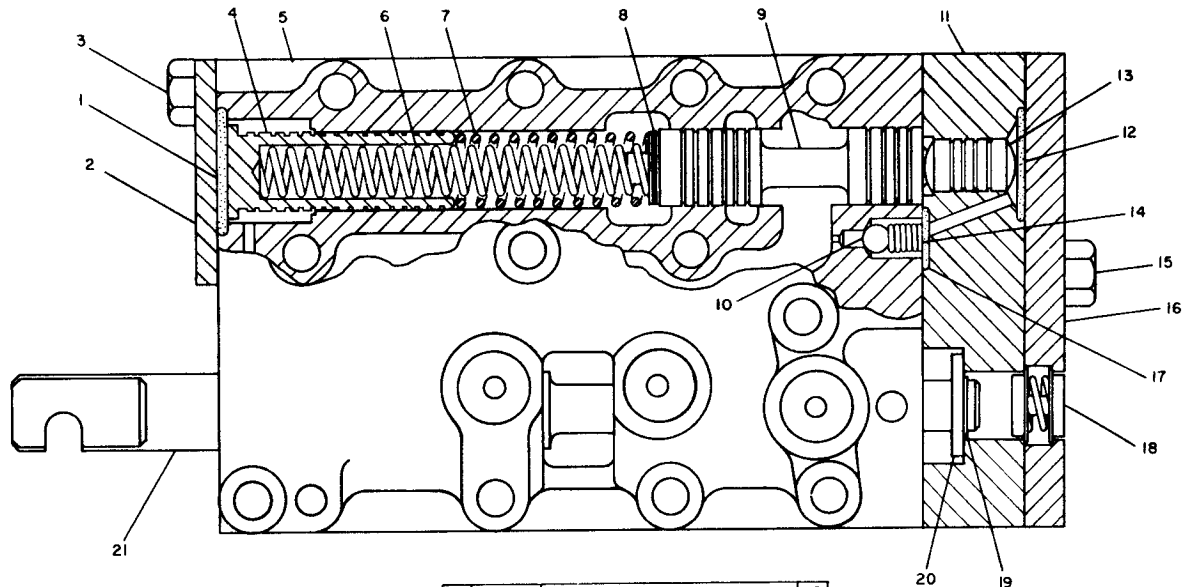
6T2289 VALVE GROUP

Winch Serial No. 7WA1—Up. Part of 6T2291 Winch Hydraulic Control Group shown on Page 191T. 6T2287 Valve and 6T2288 Manifold parts are shown on Pages 191X & 191Y. AN ATTACHMENT



7G6861 VALVE GROUP

Part of 7G6798 Winch Control Group shown on Page 191U
7G6799 Valve and 7G6800 Manifold parts are shown on Pages 191W & 191Y



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	8M4431	SEAL-----	1
2	1S7106	COVER-----	1
3	51617	BOLT-----	2
4	7G6813	PISTON-----	1
5	7G6802	BODY-----	1

C	6	5J9605	SPRING----(inner)-----	1
B	7	4J4790	SPRING----(outer)-----	1
B	8	9G3733	SHIM----, 25mm(.010 in.) thick--	2
B	8	9G3732	SHIM----, 80mm(.331 in.) thick---	2
C	9	6T6901	SPOOL-----	1
	10	4B9880	BALL-----	1
	11	7G6804	BODY-----	1
	12	4D9986	SEAL-----	1
	13	5M2504	SLUG-----	1
	14	4M2381	SPRING-----	1
	15	2B2694	BOLT-----	3

C INDICATES CHANGE

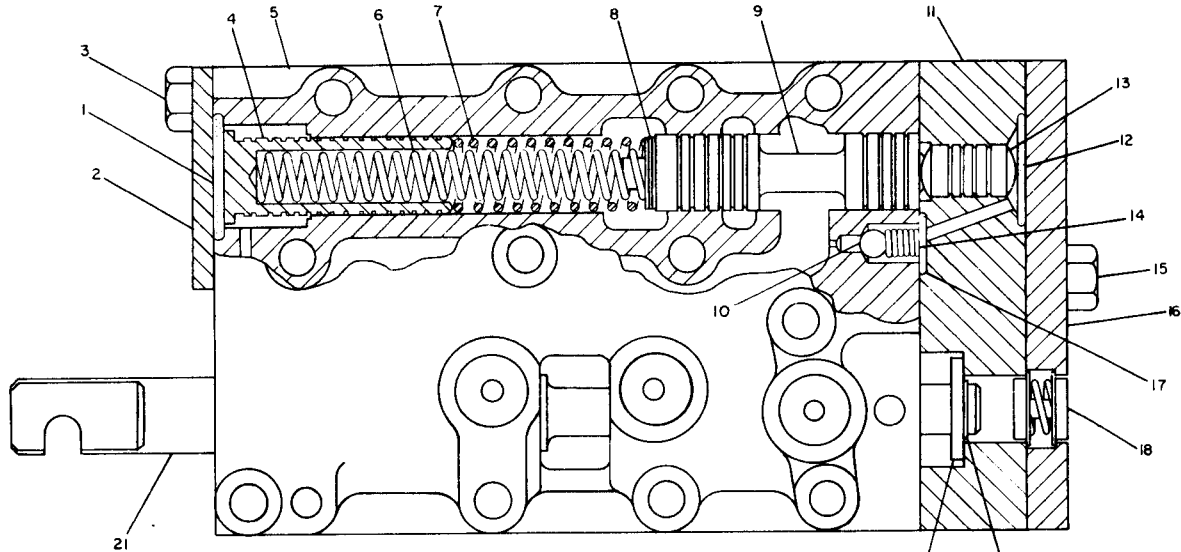
	16	7G3820	PLATE-----	1
	17	8M5127	SEAL-----	1
	18	9M6193	SPRING ASSEM.-----	1
	19	3K9042	RING-----	1
	20	5H4276	SPACER-----	1
	21	7G6811	SPOOL-----	1

B USE AS REQUIRED

309019

7G6799 SELECTOR AND PRESSURE CONTROL VALVE GROUP
Part of 7G6861 Valve Group shown on Page 191V

6T2287 SELECTOR AND PRESSURE CONTROL VALVE GROUP
 Winch Serial No. 7WA1—Up
 Part of 6T2289 Valve Group shown on Page 191V
 AN ATTACHMENT

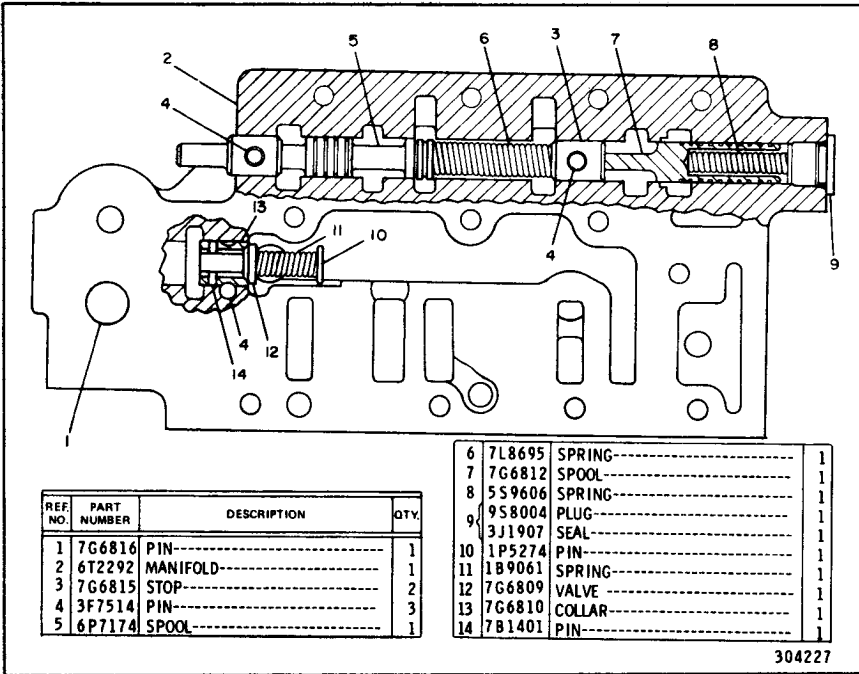


REF NO.	PART NUMBER	DESCRIPTION	QTY
1	8M4431	SEAL-----	1
2	1S7106	COVER-----	1
3	S1617	BOLT-----	2
4	7G6813	PISTON-----	1
5	7G6802	BODY-----	1
6	5J9605	SPRING----(inner)-----	1
7	4J4790	SPRING----(outer)-----	1
8	9G3732	SHIM----.787mm(.031 in.)thick----	2
8	9G3733	SHIM----.254mm(.010 in.)thick----	2
9	3P6977	SPOOL-----	1

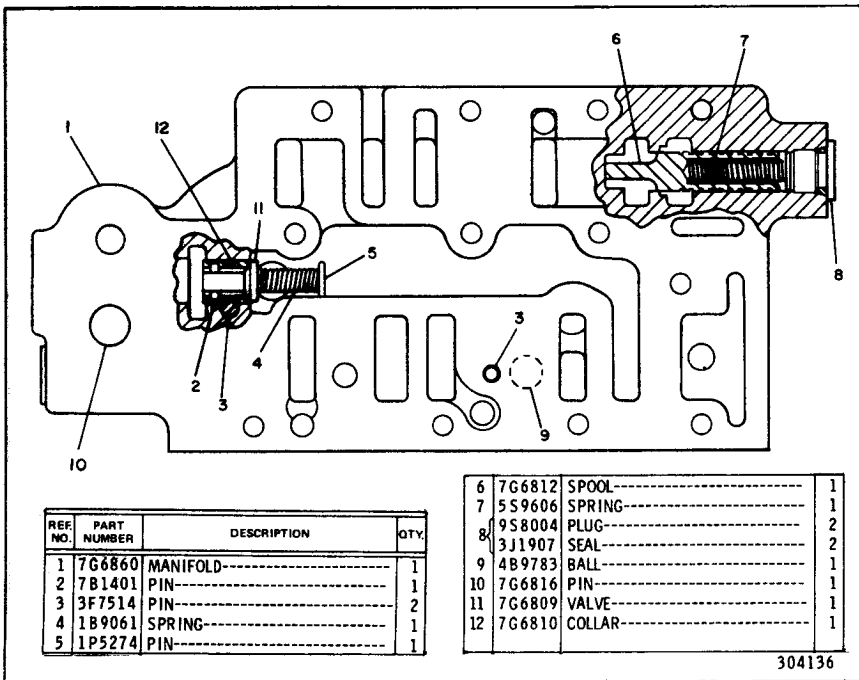
10	4B9880	BALL-----	1
11	7C6804	BODY-----	1
12	4D9886	SEAL-----	1
13	5M2504	SLUG-----	1
14	4M2381	SPRING-----	1
15	2B2694	BOLT-----	3
16	7C3820	PLATE-----	1
17	8M5127	SEAL-----	1
18	9M6193	SPRING ASSEM.-----	1
19	3K9042	RING-----	1

20	5H4276	SPACER-----	1
21	6T2294	SPOOL-----	1

304230

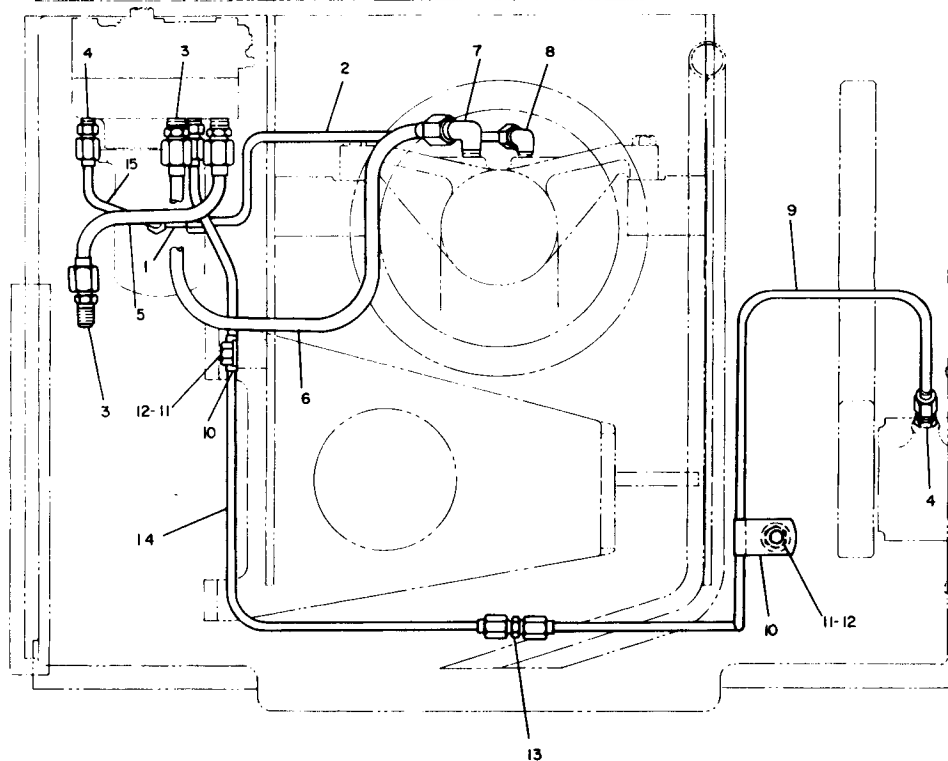


6T2288 MANIFOLD GROUP—Filter Base and Pressure Control
 Winch Serial No. 7WA1—Up
 Part of 6T2289 Valve Group shown on Page 191V
 AN ATTACHMENT



7G6800 MANIFOLD GROUP—Filter Base and Pressure Control
 Part of 7G6861 Valve Group shown on Page 191V

7G9425 WINCH LINES GROUP
 Part of 7G9444 Towing Winch Arrangement listed on Page 191C



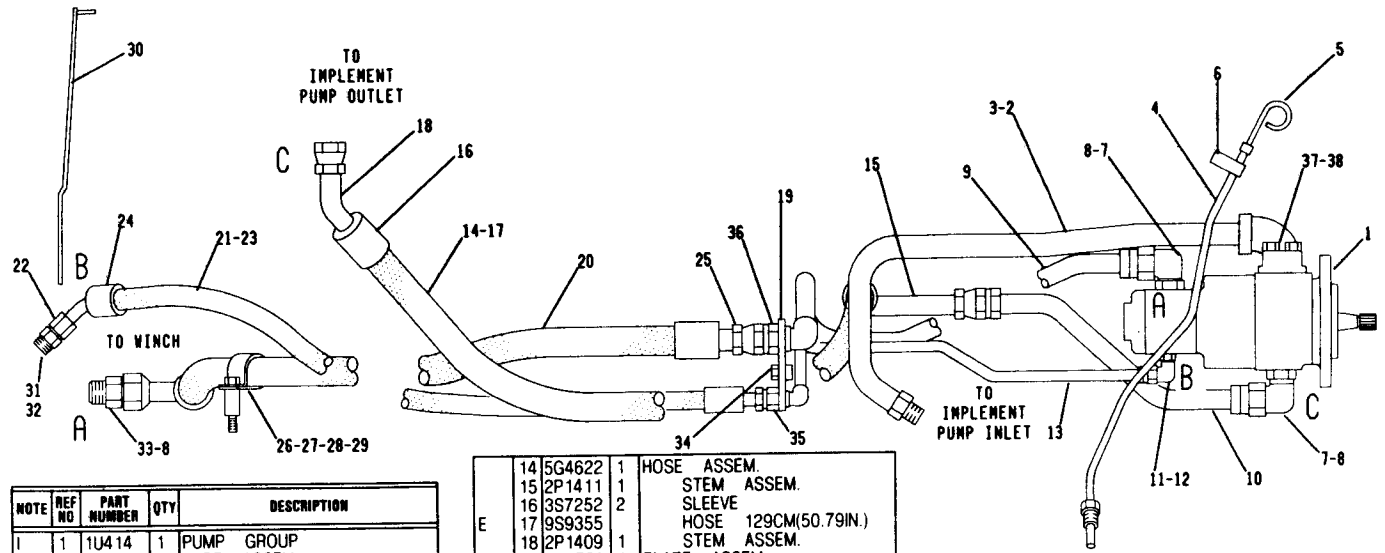
NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	9S7695	1	TEE
	2	7G9025	1	TUBE ASSEM.
	3	32 1267	3	CONNECTOR
C	4	8L6557	3	CONNECTOR
	5	7G9027	1	TUBE ASSEM.
	6	7G9022	1	TUBE ASSEM.
	7	32 1268	1	ELBOW
C	8	2N 1287	1	ELBOW
	9	7G9028	1	TUBE ASSEM.
	10	L2072	2	CLIP
	11	S509	2	BOLT
	12	5M2894	2	WASHER
	13	3J7355	1	UNION
	14	7G9026	1	TUBE ASSEM.
	15	7G9024	1	TUBE ASSEM.

C INDICATES CHANGE

309004

IMPLEMENTS

191Z



NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
I K	1	1U414	1	PUMP GROUP
	2	5G4336	1	TUBE ASSEM.
	3	4J522	1	SEAL
	4	5G4333	1	TUBE ASSEM.
	5	5G4337	1	GAUGE ASSEM.
	6	7H7055	1	CLIP
	7	307951	2	ELBOW
	8	7M8485	3	SEAL
	9	5G3754	1	TUBE ASSEM.
	10	5G4335	1	TUBE ASSEM.
	11	307948	1	ELBOW
	12	3K360	1	SEAL
	13	5G4334	1	TUBE ASSEM.

E-ORDER BY THE CENTIMETER

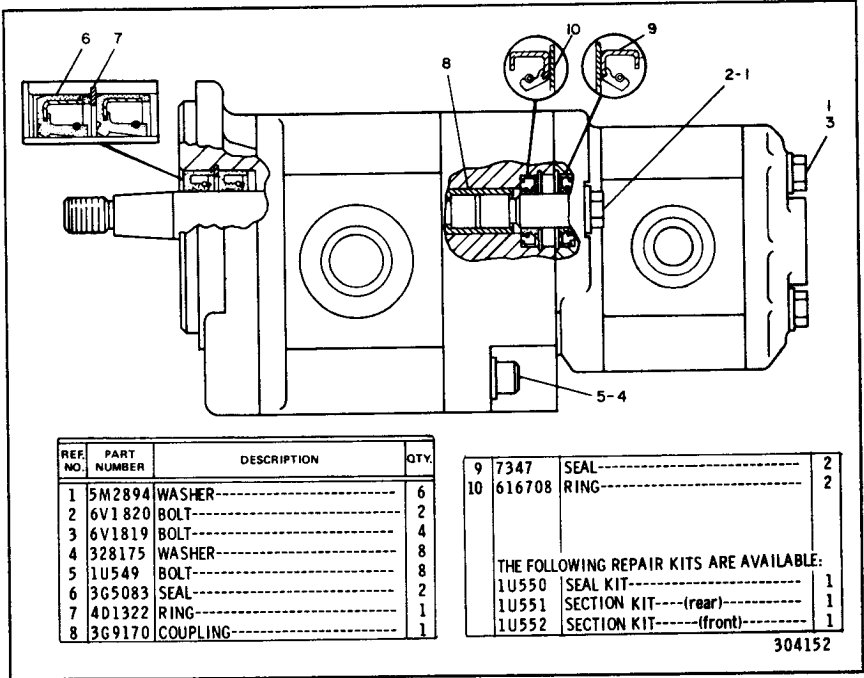
E	14	5G4622	1	HOSE ASSEM.
	15	2P1411	1	STEM ASSEM.
	16	3S7252	2	SLEEVE
	17	9S9355	1	HOSE 129CM(50.79IN.)
	18	2P1409	1	STEM ASSEM.
	19	5G3758	1	PLATE ASSEM.
	20	5G3757	1	HOSE ASSEM.
	21	5G4332	1	HOSE ASSEM.
	22	9S9725	1	COUPLING ASSEM.
	23	9S671	1	HOSE 125CM(49.2IN.)
E	24	3S8606	2	SLEEVE
	25	8S4055	1	COUPLING ASSEM.
	26	7S8920	1	CLIP
	27	7S8921	1	CLIP
	28	1A5822	1	BOLT
	29	2J1020	1	SPACER
	30	5G4315	1	PLATE

K	31	9M4584	1	CONNECTOR
	32	2M9780	1	SEAL
	33	7D5318	1	CONNECTOR
	34	S1571	2	BOLT
	35	7F2050	1	NUT
	36	2P1286	1	NUT
	37	T319	4	BOLT
	38	4S9191	4	WAHER
	SMHS8075	1	FORM(INSTALLING 53 WINCH)	

I-SEPARATE ILLUSTRATION

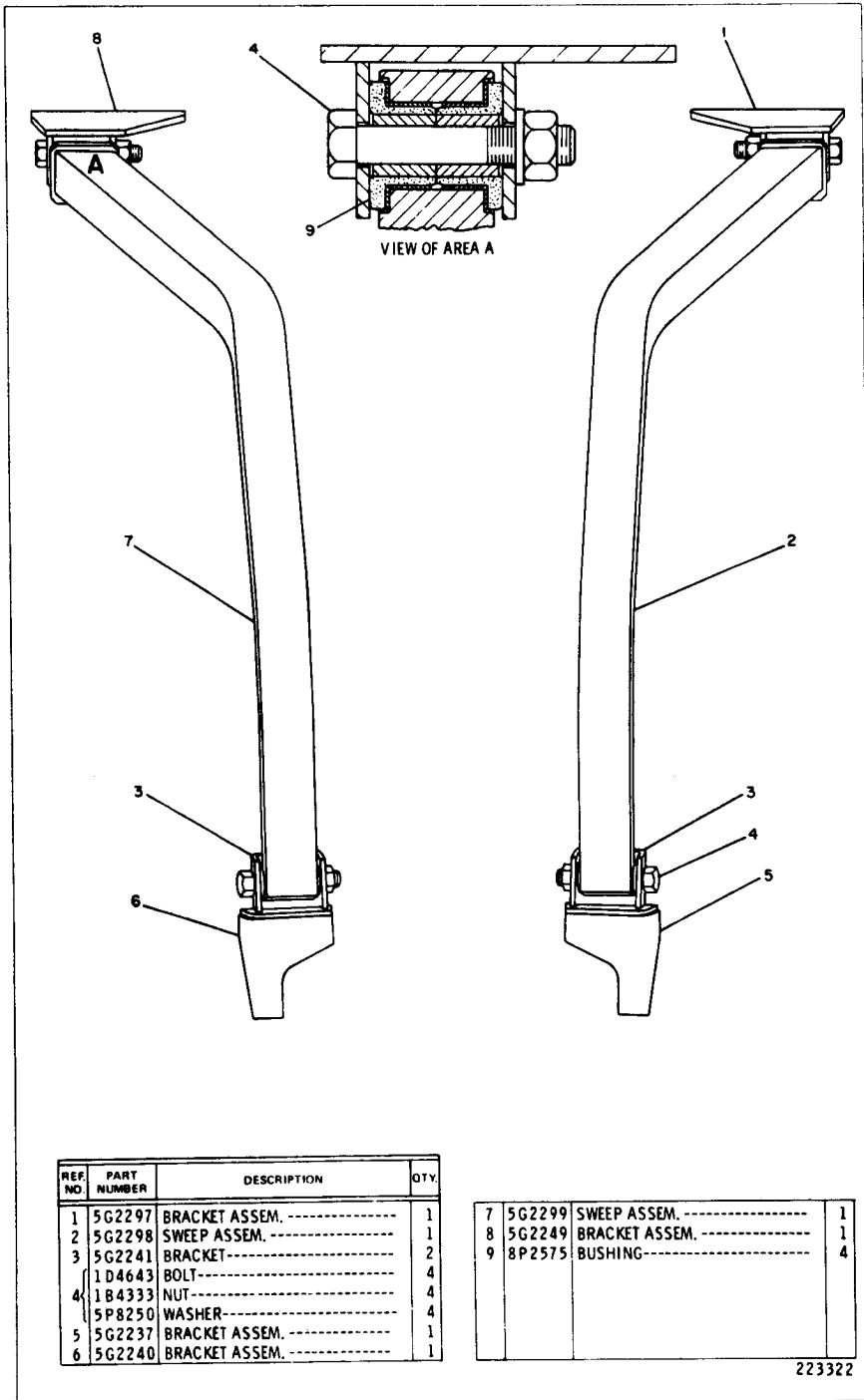
304180

5G3774 PUMP AND LINES GROUP
 Part of 7G9422 and 6T1278 Winch Arrangements listed on Page 191B
 1U414 Pump parts are shown on Page 191BB. AN ATTACHMENT



1U414 GEAR PUMP GROUP
 Part of 5G3774 Pump and Lines Group shown on Page 191AA
 AN ATTACHMENT

CATERPILLAR D3B TRACTOR

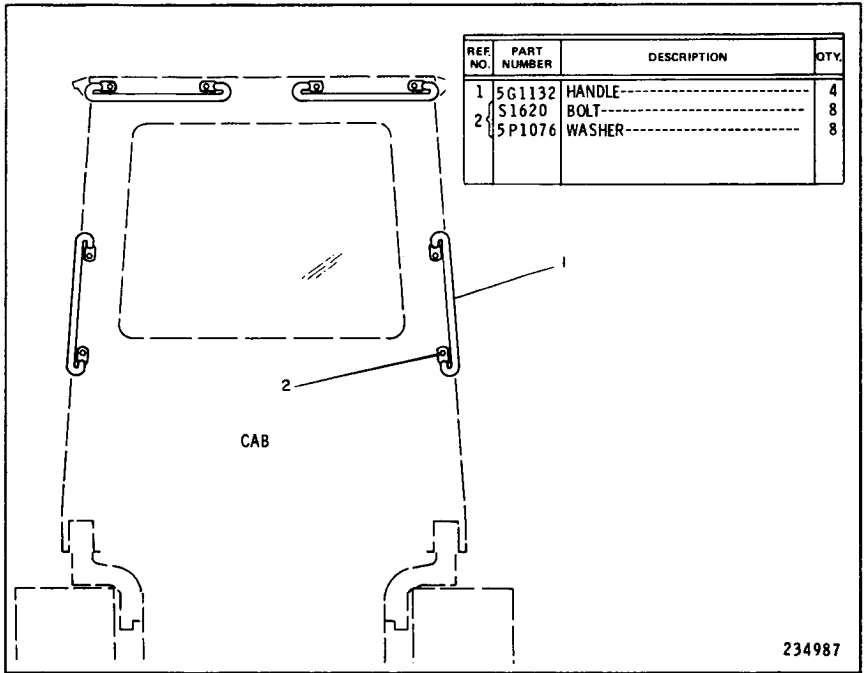


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G2297	BRACKET ASSEM.-----	1
2	5G2298	SWEEP ASSEM.-----	1
3	5G2241	BRACKET-----	2
	1D4643	BOLT-----	4
4	1B4333	NUT-----	4
	5P8250	WASHER-----	4
5	5G2237	BRACKET ASSEM.-----	1
6	5G2240	BRACKET ASSEM.-----	1

7	5G2299	SWEEP ASSEM.-----	1
8	5G2249	BRACKET ASSEM.-----	1
9	8P2575	BUSHING-----	4

223322

5G2236 SWEEP GROUP
AN ATTACHMENT

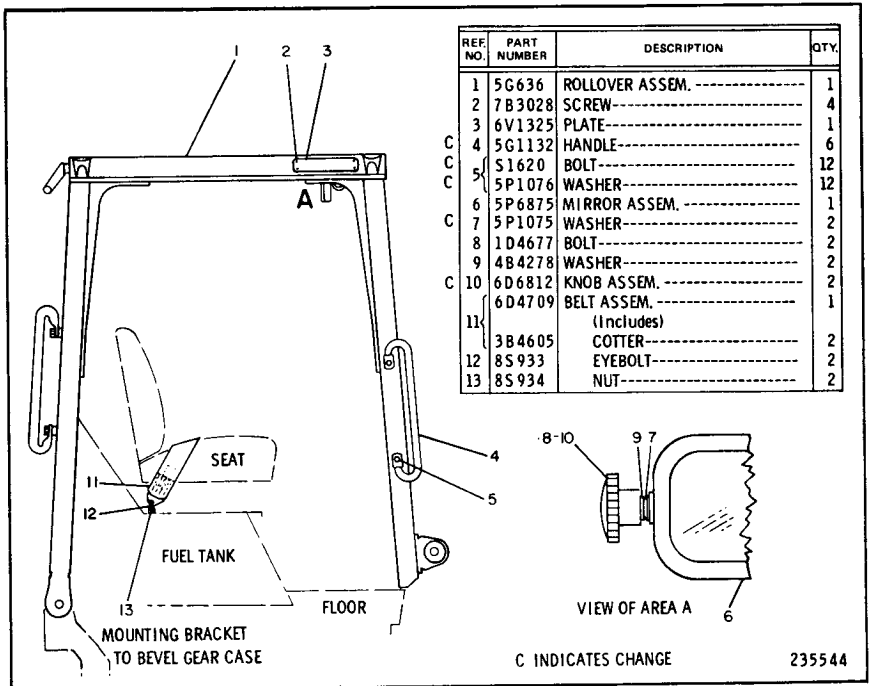


234987

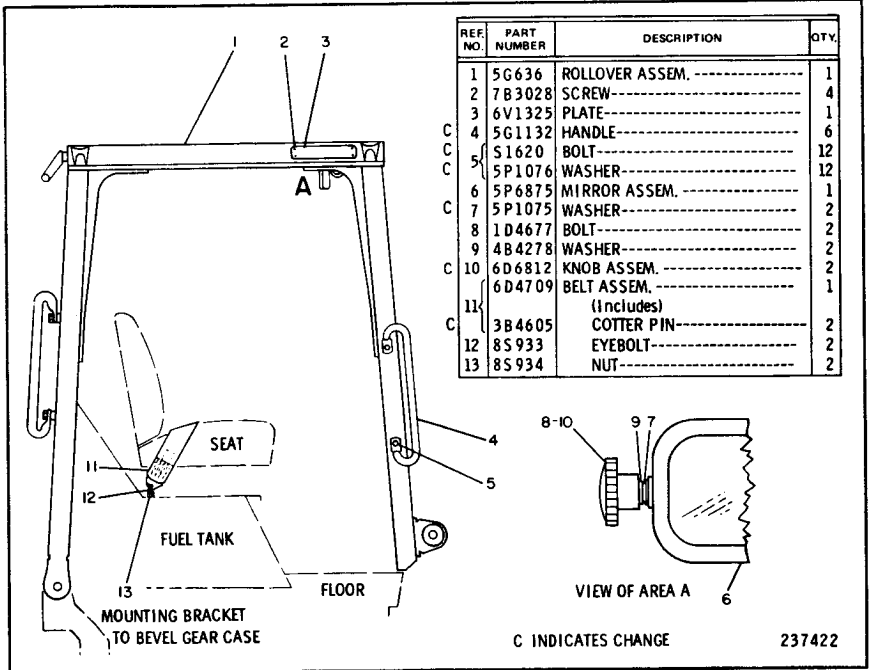
5G2988 HANDLE GROUP—Assist
Part of 5G2173 Backhoe Mounting Arrangement listed on Page 172
AN ATTACHMENT

CONSISTS OF:			PAGE
1	5G1804	SUPPORT AND SEAT GROUP	208
1	6S9800	CAB GROUP	194
1	5G49	WINDSHIELD WASHER GROUP	212
1	5G457	CAB WIRING GROUP	44
1	5G974	WIPER GROUP	213
1	5G2002	CAB PRESSURIZER GROUP	202
1	8N2822	ALTERNATOR GROUP	50

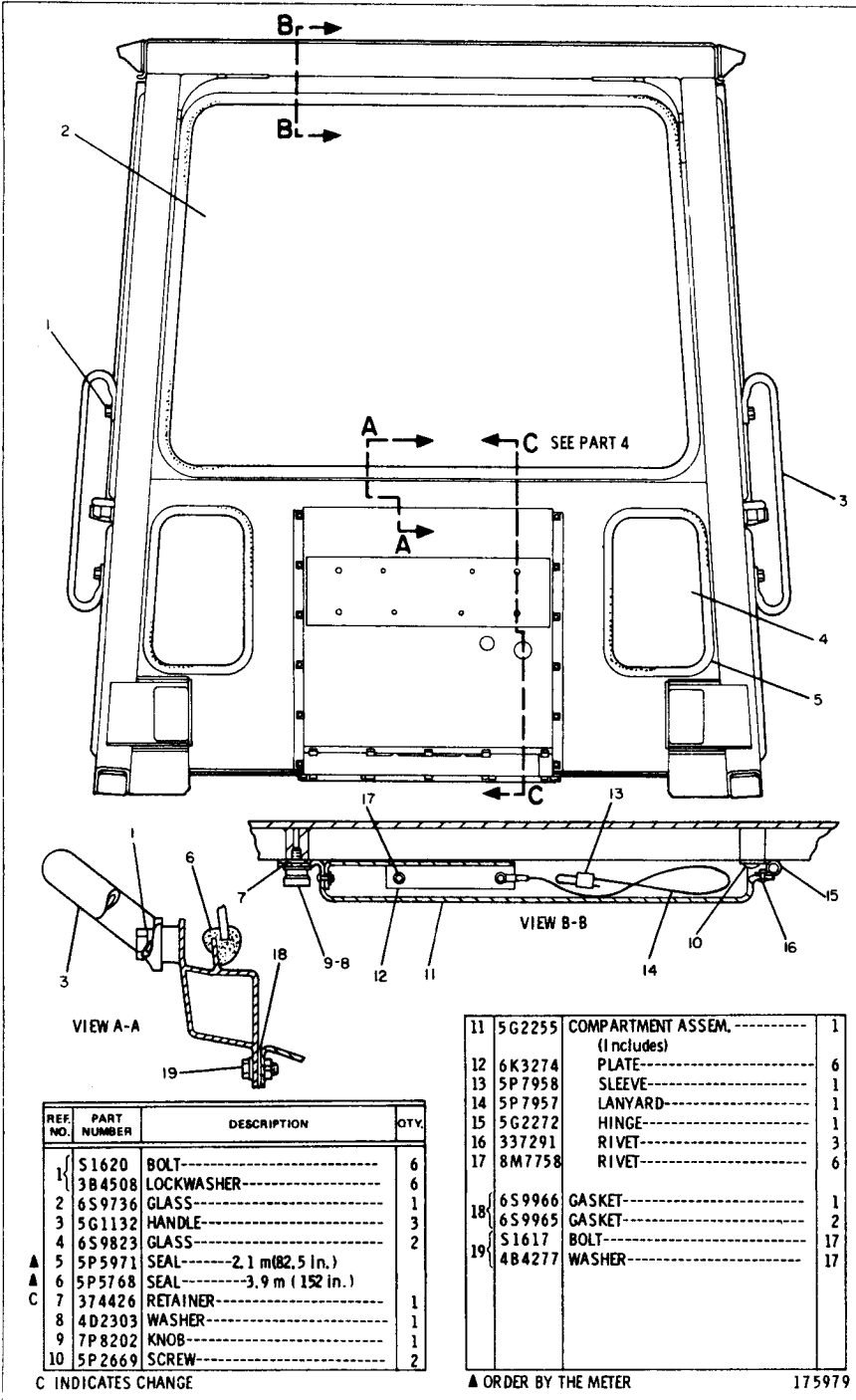
**5G1 ROLL-OVER PROTECTION SYSTEM GROUP—Modular Cab
AN ATTACHMENT**



**5G673 ROLL-OVER PROTECTION GROUP—Type 1
AN ATTACHMENT**



5G673 ROLL-OVER PROTECTION GROUP—Type 2
AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	51620	BOLT-----	6
2	384508	LOCKWASHER-----	6
2	6S9736	GLASS-----	1
3	5G1132	HANDLE-----	3
4	6S9823	GLASS-----	2
▲	5	5P5971 SEAL-----2.1 m(82.5 in.)	
▲	6	5P5768 SEAL-----3.9 m (152 in.)	
C	7	374426 RETAINER-----	1
	8	4D2303 WASHER-----	1
	9	7P8202 KNOB-----	1
	10	5P2669 SCREW-----	2

11	5G2255	COMPARTMENT ASSEM.-----	1
		(includes)	
12	6K3274	PLATE-----	6
13	5P7958	SLEEVE-----	1
14	5P7957	LANYARD-----	1
15	5G2272	HINGE-----	3
16	337291	RIVET-----	1
17	8M7758	RIVET-----	6
18	6S9966	GASKET-----	1
18	6S9965	GASKET-----	2
19	51617	BOLT-----	17
19	4B4277	WASHER-----	17

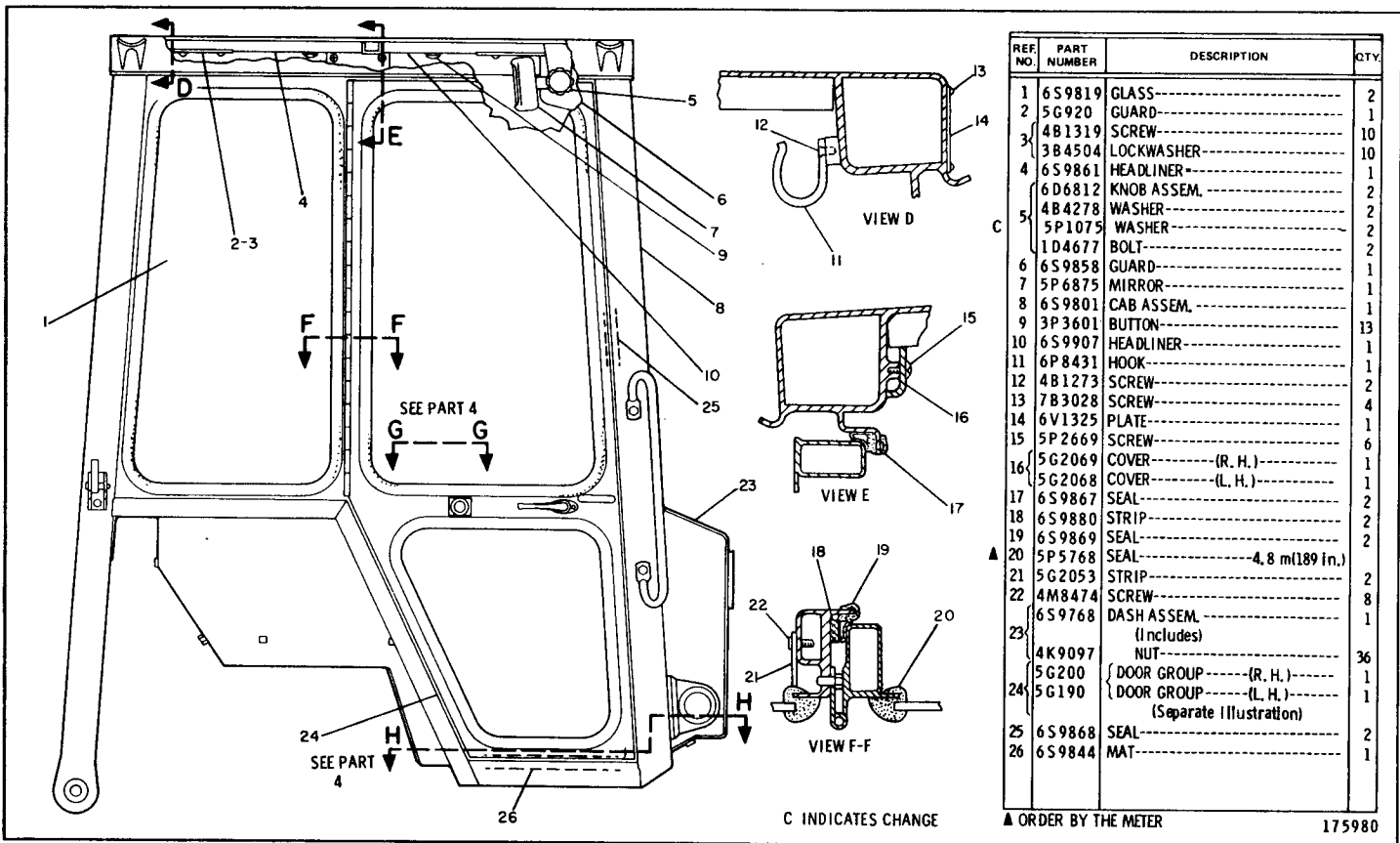
C INDICATES CHANGE

▲ ORDER BY THE METER

175979

6S9800 CAB GROUP—Part 1 of 4—Type 1
Part of 5G1 ROPS Group listed on Page 193
AN ATTACHMENT

6S9800 CAB GROUP—Part 2 of 4—Type 1
 Part of 5G1 ROPS Group listed on Page 193
 5G190 and 5G200 Door parts are shown on Pages 198, 199, 199A, 199B, 200, 201, 201A and 201B
 AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	6S9819	GLASS-----	2
2	5G920	GUARD-----	1
3	4B1319	SCREW-----	10
3	3B4504	LOCKWASHER-----	10
4	6S9861	HEADLINER-----	1
4	6D6812	KNOB ASSEM.-----	2
	4B4278	WASHER-----	2
5	5P1075	WASHER-----	2
	1D4677	BOLT-----	2
6	6S9858	GUARD-----	1
7	5P6875	MIRROR-----	1
8	6S9801	CAB ASSEM.-----	1
9	3P3601	BUTTON-----	13
10	6S9907	HEADLINER-----	1
11	6P8431	HOOK-----	1
12	4B1273	SCREW-----	2
13	7B3028	SCREW-----	4
14	6V1325	PLATE-----	1
15	5P2669	SCREW-----	6
16	5G2069	COVER----- (R. H.)-----	1
	5G2068	COVER----- (L. H.)-----	1
17	6S9867	SEAL-----	2
18	6S9880	STRIP-----	2
19	6S9869	SEAL-----	2
20	5P5768	SEAL----- 4.8 m(189 in.)-----	2
21	5G2053	STRIP-----	2
22	4M8474	SCREW-----	8
23	6S9768	DASH ASSEM.-----	1
		(Includes)	
24	4K9097	NUT-----	36
	5G200	DOOR GROUP----- (R. H.)-----	1
24	5G190	DOOR GROUP----- (L. H.)-----	1
		(Separate Illustration)	
25	6S9868	SEAL-----	2
26	6S9844	MAT-----	1

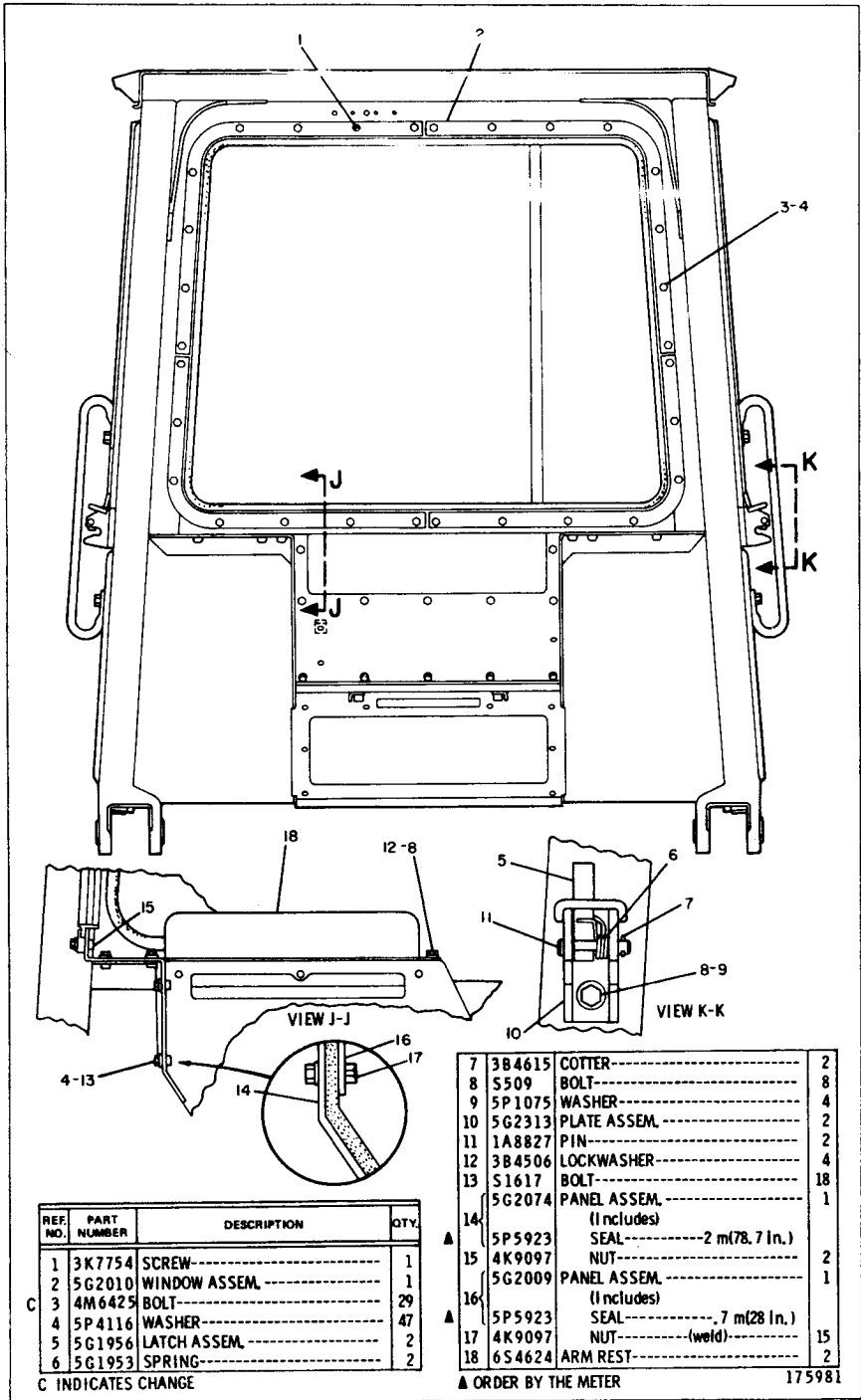
C INDICATES CHANGE

▲ ORDER BY THE METER

175980

CAB, GAUGES AND ACCESSORIES

CATERPILLAR D3B TRACTOR



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	3K7754	SCREW-----	1
2	5G2010	WINDOW ASSEM.-----	1
3	4M6425	BOLT-----	29
4	5P4116	WASHER-----	47
5	5G1956	LATCH ASSEM.-----	2
6	5G1953	SPRING-----	2

7	3B4615	COTTER-----	2
8	S509	BOLT-----	8
9	5P1075	WASHER-----	4
10	5G2313	PLATE ASSEM.-----	2
11	1A8827	PIN-----	2
12	3B4506	LOCKWASHER-----	4
13	S1617	BOLT-----	18
14	5G2074	PANEL ASSEM.-----	1
		(Includes)	
	5P5923	SEAL-----2 m(78.7 in.)	
15	4K9097	NUT-----	2
	5G2009	PANEL ASSEM.-----	1
		(Includes)	
	5P5923	SEAL-----,7 m(28 in.)	
17	4K9097	NUT----- (weld)-----	15
18	6S4624	ARM REST-----	2

C INDICATES CHANGE

▲ ORDER BY THE METER

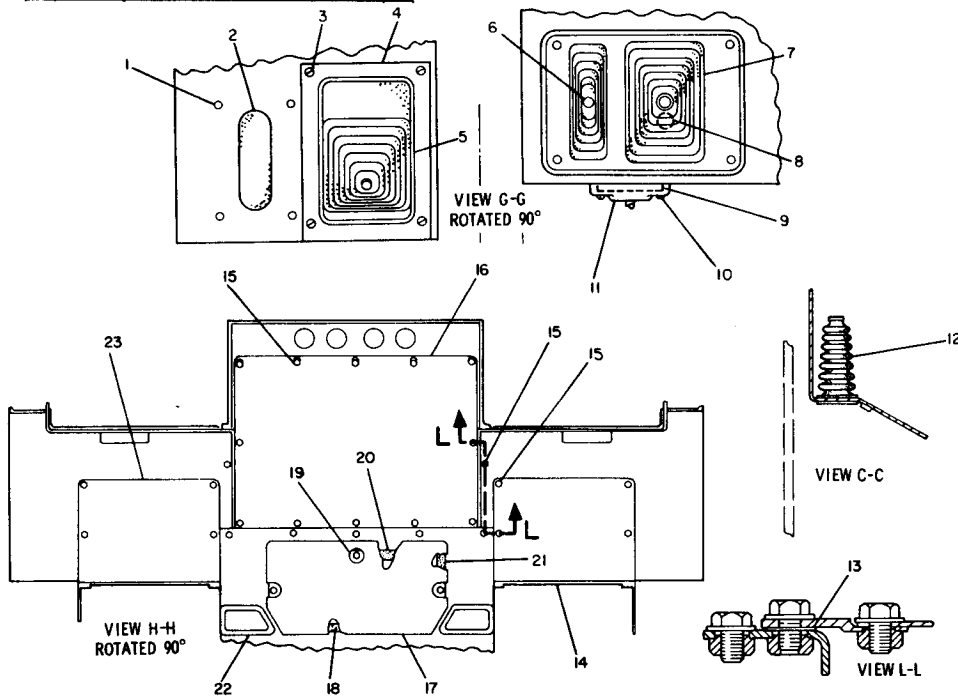
175981

6S9800 CAB GROUP—Part 3 of 4—Type 1
 Part of 5G1 ROPS Group listed on Page 193
 AN ATTACHMENT

6S9800 CAB GROUP—Part 4 of 4—Type 1
 Part of 5G1 ROPS Group listed on Page 193
 AN ATTACHMENT

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	6K1756	PLUG-----	4
2	5G477	PLUG-----	1
3	2N3479	SCREW-----	4

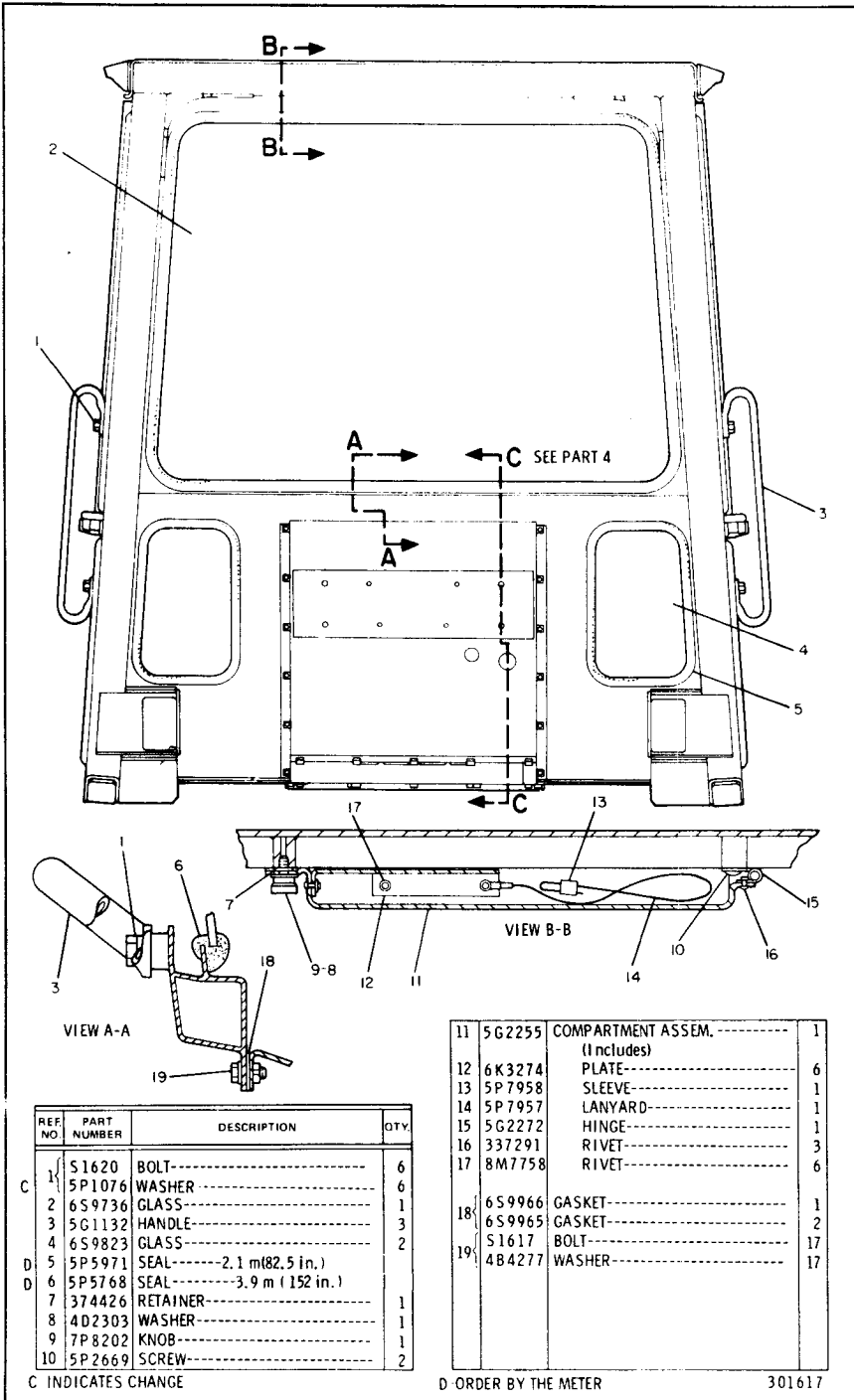
4	5G429	PLATE-----	1
5	5G431	BOOT-----	1
6	5G2286	LEVER-----	1
7	5G2285	BOOT-----	1
8	6S9724	SLEEVE-----	1



C 6	6S9728	SLIDE-----126 mm(5 in.) long	1
	6S9729	SLIDE-----171 mm(6.7 in.) long	1
	6S9730	SLIDE-----216 mm(8.5 in.) long	1
	6S9731	SLIDE-----260 mm(10 in.) long	1
	6S9732	SLIDE-----294 mm(11.6 in.) long	2
10	4B1257	SCREW-----	4
11	5G1013	COVER-----	1
12	5G867	BOOT-----	4
	6S9964	GASKET----- (short)	2
13	6S9963	GASKET----- (long)	1
14	6S5940	COVER-----	1
15	1C569	BOLT-----	47
	4B4277	WASHER-----	47
16	6S9802	COVER-----	1
	6S9832	COVER ASSEM. (includes)	1
17	5G899	MAT-----	1
18	5G901	GASKET-----	1
	5G881	SCREW-----	3
19	5G891	RETAINER-----	3
	4B4277	WASHER-----	3
20	6S9834	GASKET-----	1
21	6S9833	GASKET-----	2
22	5G2317	GASKET-----	2
	6S9826	COVER ASSEM. (includes)	1
23	6F6445	NUT-----	4

C INDICATES CHANGE

175982



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
C	1 S1620	BOLT-----	6
	2 5P1076	WASHER-----	6
	3 6S9736	GLASS-----	1
	4 5G1132	HANDLE-----	3
D	5 6S9823	GLASS-----	2
	6 5P5971	SEAL-----2.1 m(82.5 in.)	
D	7 5P5768	SEAL-----3.9 m(152 in.)	
	8 374426	RETAINER-----	1
	9 4D2303	WASHER-----	1
	10 7P8202	KNOB-----	1
	11 5P2669	SCREW-----	2
	12 6K3274	PLATE-----	6
	13 5P7958	SLEEVE-----	1
	14 5P7957	LANYARD-----	1

11	5G2255	COMPARTMENT ASSEM.-----	1
		(Includes)	
12	6K3274	PLATE-----	6
13	5P7958	SLEEVE-----	1
14	5P7957	LANYARD-----	1
15	5G2272	HINGE-----	3
16	337291	RIVET-----	1
17	8M7758	RIVET-----	6
18	6S9966	GASKET-----	1
	6S9965	GASKET-----	2
19	S1617	BOLT-----	17
	4B4277	WASHER-----	17

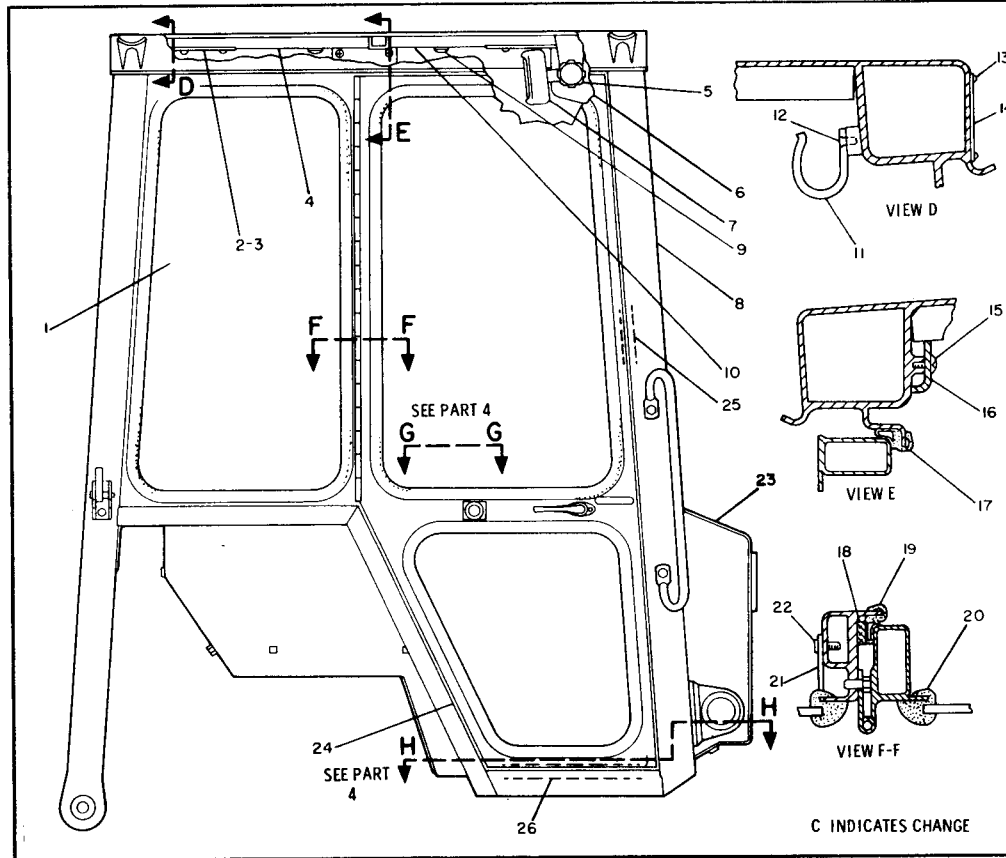
C INDICATES CHANGE

D ORDER BY THE METER

301617

6S9800 CAB GROUP—Part 1 of 4—Type 2
 Part of 5G1 ROPS Group listed on Page 193
 AN ATTACHMENT

6S9800 CAB GROUP—Part 2 of 4—Type 2
 Part of 5G1 ROPS Group listed on Page 193
 5G190 and 5G200 Door parts are shown on Pages 198, 199, 199A, 199B, 200, 201, 201A and 201B
 AN ATTACHMENT



REF NO	PART NUMBER	DESCRIPTION	QTY
1	6S9819	GLASS-----	2
2	5G920	GUARD-----	1
3	4B1319	SCREW-----	10
3	5P4115	WASHER-----	10
4	6S9861	HEADLINER-----	1
4	6D6812	KNOB ASSEM.-----	2
5	4B4278	WASHER-----	2
5	5P1075	WASHER-----	2
5	1D4677	BOLT-----	2
6	6S9858	GUARD-----	1
7	5P6875	MIRROR-----	1
8	6S9801	CAB ASSEM.-----	1
9	6P863	BUTTON-----	13
10	6S9907	HEADLINER-----	1
11	6P8431	HOOK-----	1
12	4B1273	SCREW-----	2
13	7B3028	SCREW-----	4
14	6V1325	PLATE-----	1
15	5P2669	SCREW-----	6
16	5G2069	COVER----- (R. H.)-----	1
16	5G2068	COVER----- (L. H.)-----	1
17	6S9867	SEAL-----	2
18	6S9880	STRIP-----	2
19	6S9869	SEAL-----	2
20	5P5768	SEAL----- -4,8 m(189 in.)-----	1
21	5G2053	STRIP-----	2
22	4M8474	SCREW-----	8
23	6S9768	DASH ASSEM.----- (Includes)	1
23	4K9097	NUT-----	36
24	5G200	{ DOOR GROUP----- (R. H.)-----	1
24	5G190	{ DOOR GROUP----- (L. H.)-----	1
		(Separate Illustration)	
25	6S9868	SEAL-----	2
26	6S9844	MAT-----	1

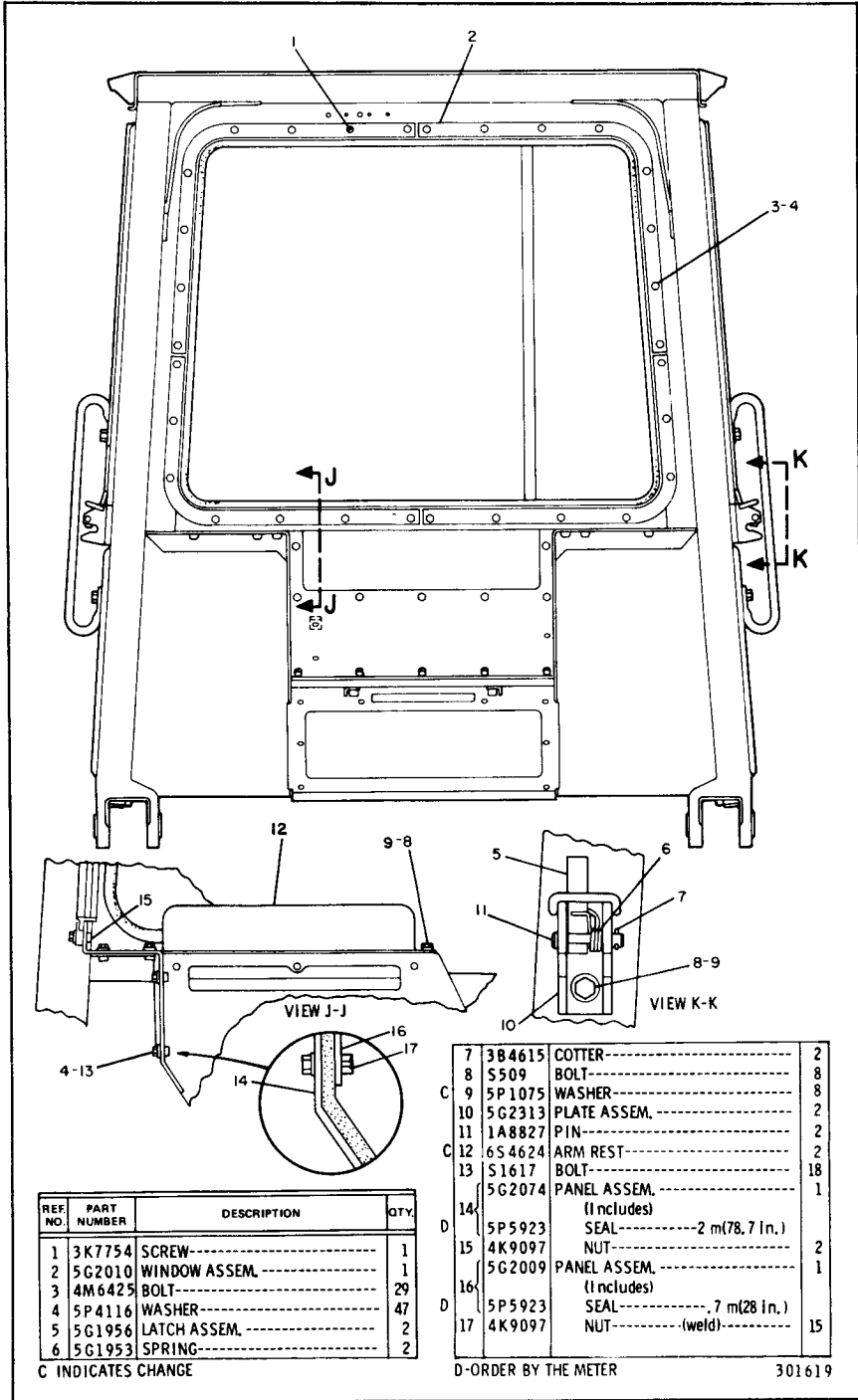
C INDICATES CHANGE

D-ORDER BY THE METER

301618

CAB, GAUGES AND ACCESSORIES

1978



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	3K7754	SCREW-----	1
2	5G2010	WINDOW ASSEM.-----	1
3	4M6425	BOLT-----	29
4	5P4116	WASHER-----	47
5	5G1956	LATCH ASSEM.-----	2
6	5G1953	SPRING-----	2

7	3B4615	COTTER-----	2
8	5S09	BOLT-----	8
9	5P1075	WASHER-----	8
10	5G2313	PLATE ASSEM.-----	2
11	1A8827	PIN-----	2
12	6S4624	ARM REST-----	2
13	S1617	BOLT-----	18
	5G2074	PANEL ASSEM.-----	1
14		(Includes)	
D	5P5923	SEAL-----2 m(78, 7 in.)	2
15	4K9097	NUT-----	2
16	5G2009	PANEL ASSEM.-----	1
		(Includes)	
D	5P5923	SEAL-----, 7 m(28 in.)	15
17	4K9097	NUT----- (weld)	15

C INDICATES CHANGE

D-ORDER BY THE METER

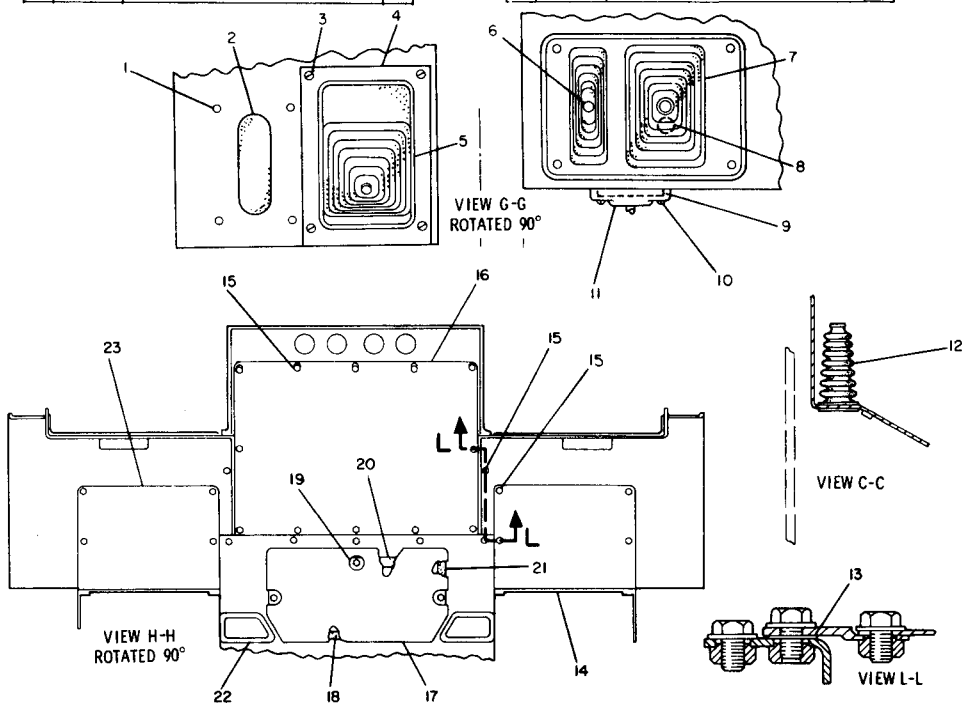
301619

6S9800 CAB GROUP—Part 3 of 4—Type 2
 Part of 5G1 ROPS Group listed on Page 193
 AN ATTACHMENT

6S9800 CAB GROUP—Part 4 of 4—Type 2
 Part of 5G1 ROPS Group listed on Page 193
 AN ATTACHMENT

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	6K1756	PLUG-----	4
2	5G477	PLUG-----	1
C 3	5M5845	SCREW-----	4

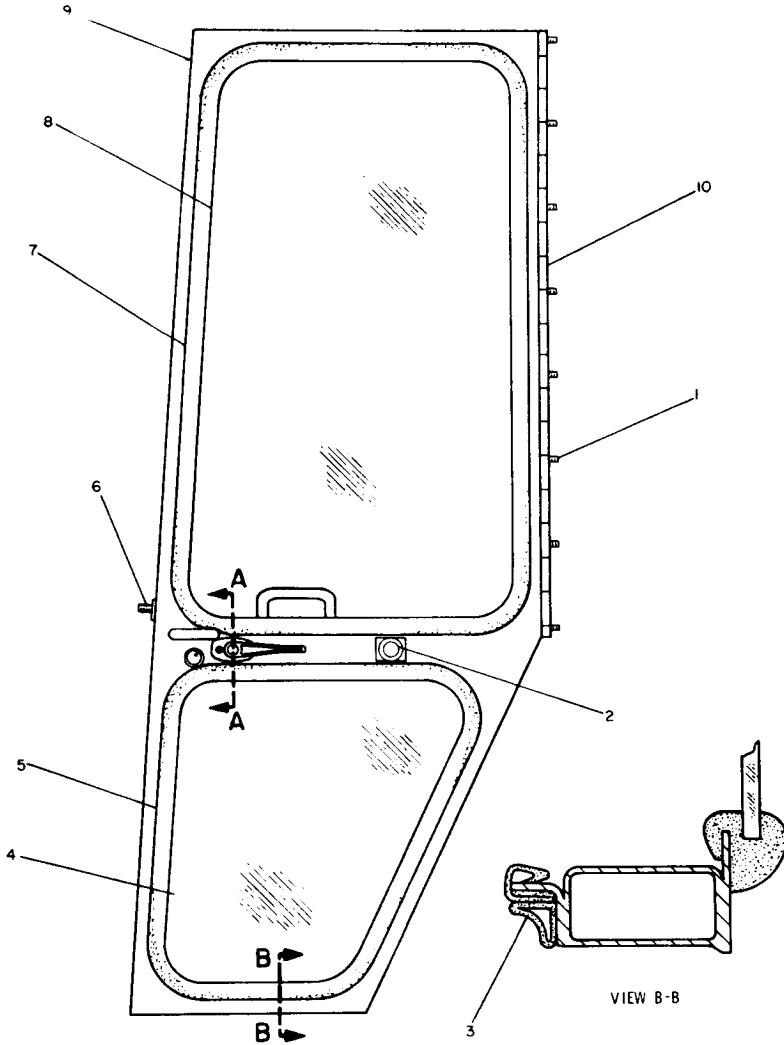
4	5G429	PLATE-----	1
5	5G431	BOOT-----	1
6	5G2286	LEVER-----	1
7	5G2285	BOOT-----	1
8	6S9724	SLEEVE-----	1



9	6S9728	SLIDE-----126 mm(5 in.) long	1
	6S9729	SLIDE-----171 mm(6.7 in.) long	1
	6S9730	SLIDE-----216 mm(8.5 in.) long	1
	6S9731	SLIDE-----260 mm(10 in.) long	1
	6S9732	SLIDE-----294 mm(11.6 in.) long	2
10	4B1257	SCREW-----	4
11	5G1013	COVER-----	1
12	5G867	BOOT-----	4
13	6S9964	GASKET----- (short)	2
	6S9963	GASKET----- (long)	1
14	6S5940	COVER-----	1
15	1C569	BOLT-----	47
	4B4277	WASHER-----	47
16	6S9802	COVER-----	1
	6S9832	COVER ASSEM.-----	1
17		(Includes)	
	5G899	MAT-----	1
18	5G901	GASKET-----	1
	5G881	SCREW-----	3
19	5G891	RETAINER-----	3
	4B4277	WASHER-----	3
20	6S9834	GASKET-----	1
21	6S9833	GASKET-----	2
22	5G2317	GASKET-----	2
	6S9826	COVER ASSEM.-----	1
23		(Includes)	
	6F6445	NUT-----	4

C INDICATES CHANGE

301620



SEE PART TWO FOR VIEW A-A

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	6S 9884	BOLT-----	8
2	5G 817	BUMPER-----	1
3	1B 4202	NUT-----	1
▲ 3	5P 6444	SEAL----- .35 m (14.10 in.)	1
4	6S 9818	GLASS-----	1
▲ 5	5P 5768	SEAL----- -1.67 m (65.95 in.)	1
6	5P 1155	STRIKER ASSEM.-----	1
7	5P 5768	SEAL----- -2.54 m (100 in.)	1

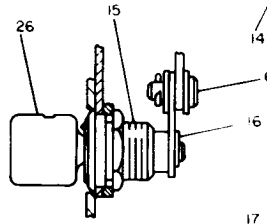
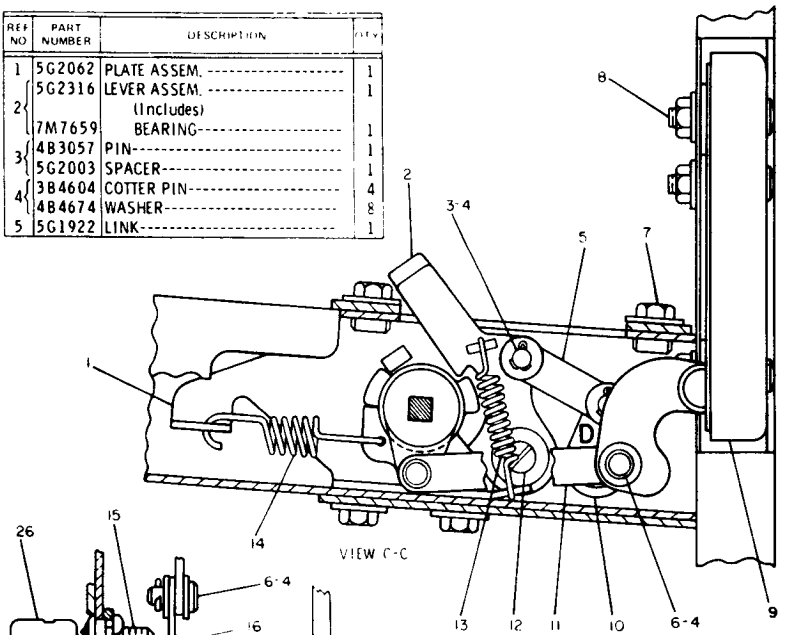
8	6S 9817	GLASS-----	1
9	6S 8978	DOOR ASSEM.-----	1
		(Includes)	
9	9F 6445	NUT-----	1
10	6S 9906	HINGE-----	1

▲ ORDER BY THE METER

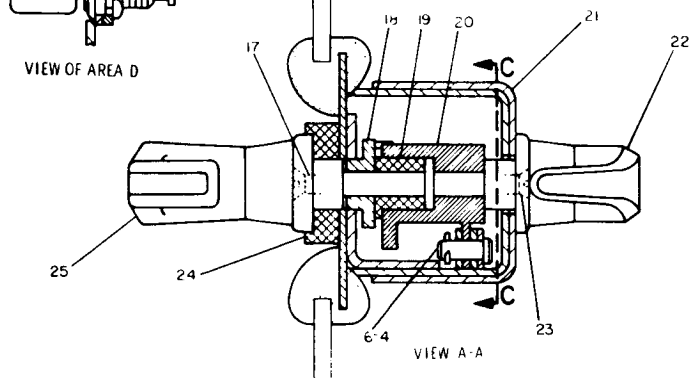
223432

5G190 DOOR GROUP—L.H.—Part 1—Type 1
Part of 6S9800 Cab Group shown on Page 195
AN ATTACHMENT

REF NO	PART NUMBER	DESCRIPTION	QTY
1	5G2062	PLATE ASSEM.	1
	5G2316	LEVER ASSEM.	1
2		(Includes)	
	7M7659	BEARING.....	1
	4B3057	PIN.....	1
3	5G2003	SPACER.....	1
	3B4604	COTTER PIN.....	4
4	4B4674	WASHER.....	8
5	5G1922	LINK.....	1



VIEW OF AREA D



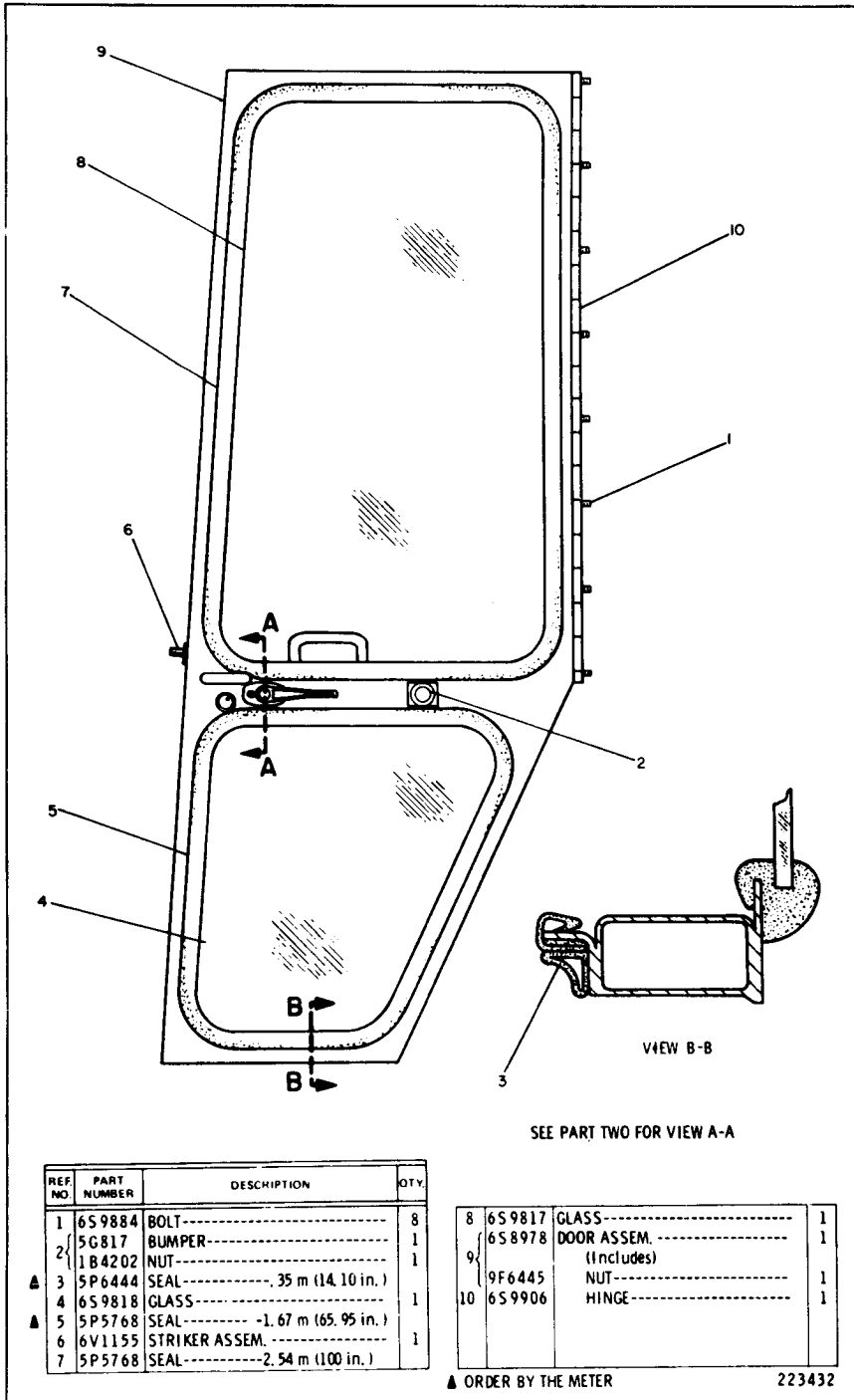
VIEW A-A

6	1B8098	PIN.....	3
	S1614	BOLT.....	1
7	5P4115	WASHER.....	1
	5G799	SCREW.....	3
8	1B4330	NUT.....	3
	4B4276	WASHER.....	3
	5P7117	LATCH ASSEM.	1
9	5G798	SPACER.....	1
10	5G2052	LINK.....	1
11	5G1925	LINK.....	1
	9D3868	SCREW.....	1
12	4D2303	WASHER.....	1
13	1A3540	SPRING.....	1
14	3G3765	SPRING.....	1
15	5P8503	TUMBLER ASSEM.	1

16	2M7819	RING.....	1
17	7F7615	SCREW.....	1
18	5G1919	RING.....	1
19	5G811	BUSHING.....	1
20	5G1935	LATCH RING ASSEM.	1
21	6S9747	COVER ASSEM.	1
22	6V543	HANDLE ASSEM.	1
23	134337	SCREW.....	2
24	5G813	SPACER.....	1
25	5G2324	HANDLE ASSEM.	1
26	5P8500	KEY.....	1

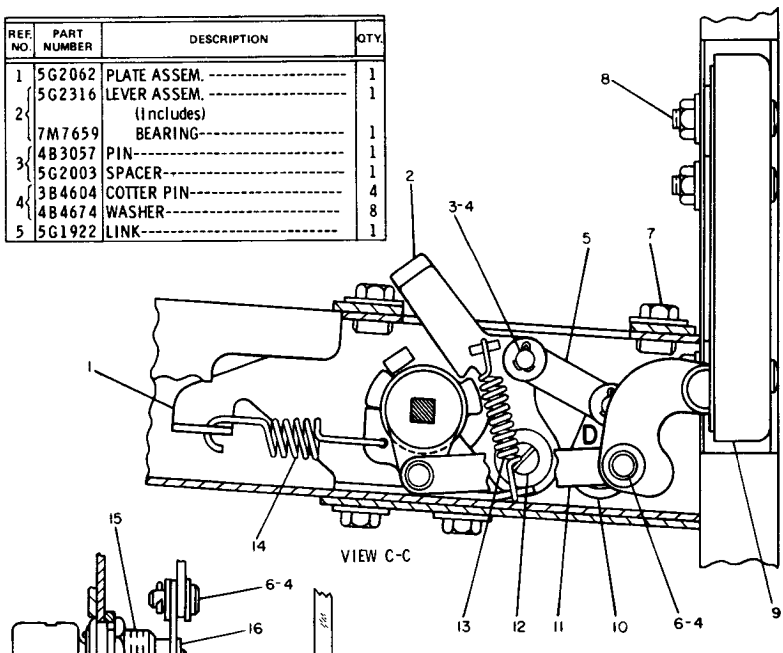
223433

5G190 DOOR GROUP—L.H.—Part 2—Type 1
Part of 6S9800 Cab Group shown on Page 195
AN ATTACHMENT

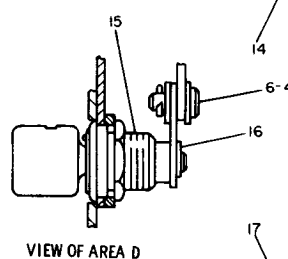


5G190 DOOR GROUP—L.H.—Part 1—Type 2
Part of 6S9800 Cab Group shown on Page 195
AN ATTACHMENT

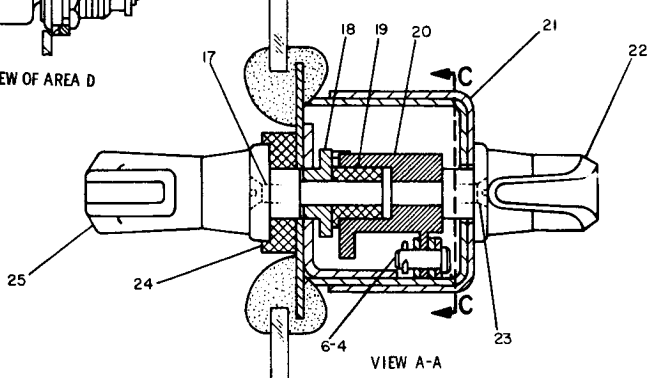
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G2062	PLATE ASSEM. -----	1
2	5G2316	LEVER ASSEM. -----	1
		(Includes)	
3	7M7659	BEARING -----	1
	4B3057	PIN -----	1
4	5G2003	SPACER -----	1
	3B4604	COTTER PIN -----	4
5	4B4674	WASHER -----	8
	5G1922	LINK -----	1



VIEW C-C



VIEW OF AREA D



VIEW A-A

C	6	1B8098	PIN -----	3
	7	51614	BOLT -----	1
		5P4115	WASHER -----	1
	8	5G799	SCREW -----	3
		1B4330	NUT -----	3
	9	4B4276	WASHER -----	3
		6V3554	LATCH ASSEM. -----	1
	10	5G798	SPACER -----	1
		5G2052	LINK -----	1
	11	5G1925	LINK -----	1
		9D3868	SCREW -----	1
	12	4D2303	WASHER -----	1
		1A3540	SPRING -----	1
	14	3G3765	SPRING -----	1
		5P8503	TUMBLER ASSEM. -----	1

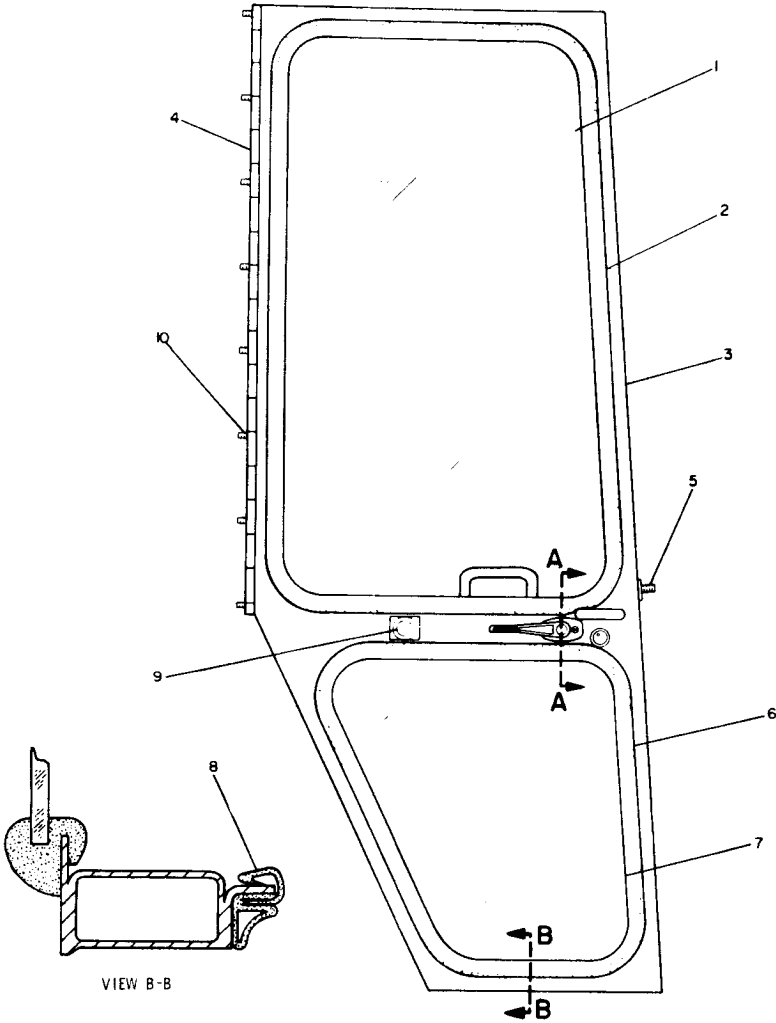
C INDICATES CHANGE

▲	16	2M7819	RING -----	1
	17	7F7615	SCREW -----	1
	18	5G1919	RING -----	1
	19	5G811	BUSHING -----	1
	20	5G1935	LATCH RING ASSEM. -----	1
	21	6S9747	COVER ASSEM. -----	1
	22	6V543	HANDLE ASSEM. -----	1
	23	134337	SCREW -----	2
	24	5G813	SPACER -----	1
	25	5G2324	HANDLE ASSEM. -----	1

▲ 5P8500 KEY REQUIRED

234990

5G190 DOOR GROUP—L.H. — Part 2—Type 2
Part of 6S9800 Cab Group shown on Page 195
AN ATTACHMENT



SEE PART TWO FOR VIEW A-A

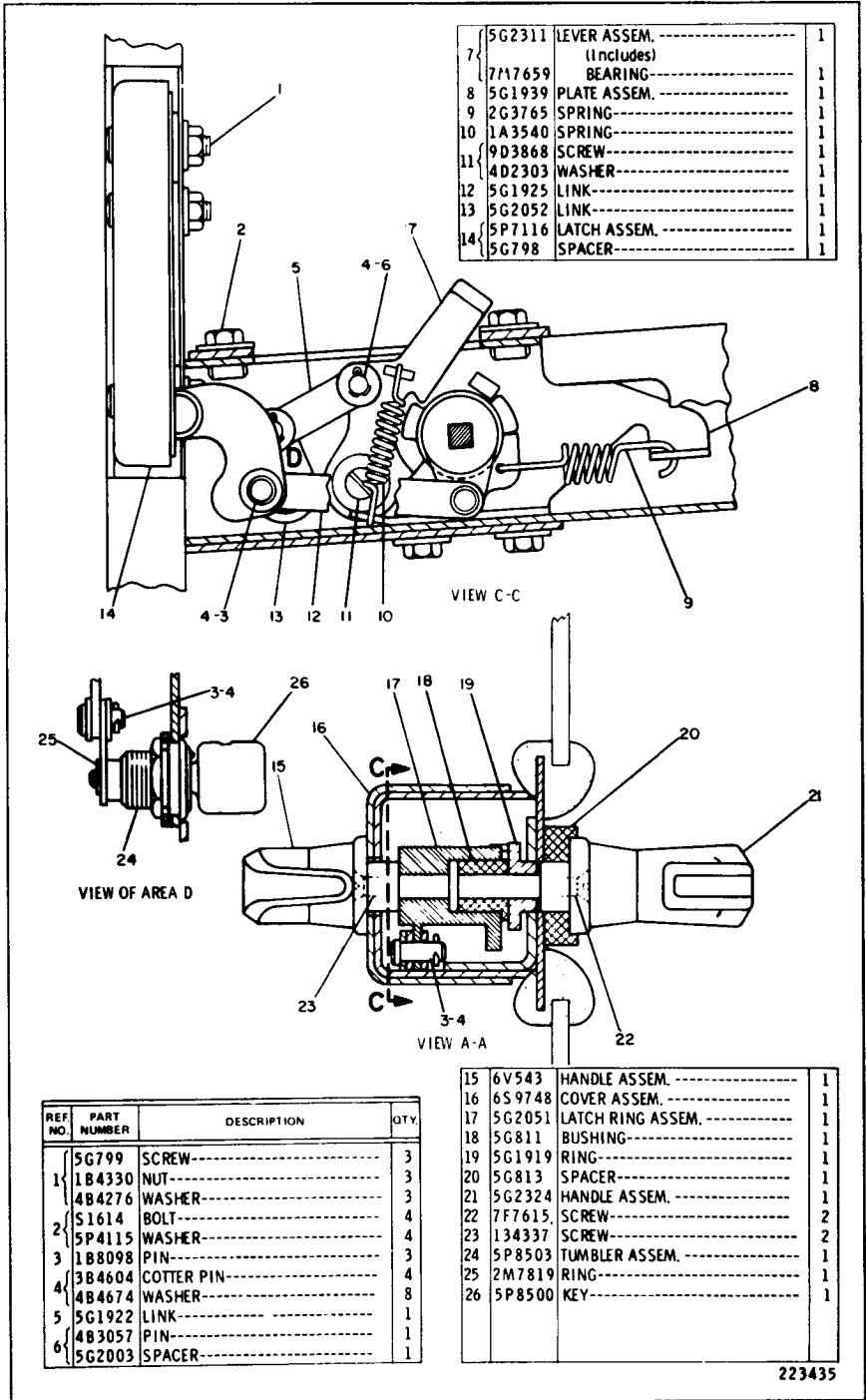
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
▲ 1	6S9817	GLASS-----	1
2	5P5768	SEAL-----2.54 m (100 in.)	1
3	6S8969	DOOR ASSEM.-----	1
		(Includes)	
	9F6445	NUT-----	2
4	6S9906	HINGE-----	1
5	6V1155	STRIKER ASSEM.-----	1
▲ 6	5P5768	SEAL-----1.67 m (65.95 in.)	1

▲ 7	6S9818	GLASS-----	1
8	5P6448	SEAL-----0.35 m (14.10 in.)	1
9	5G817	BUMPER-----	1
	1B4202	NUT-----	1
10	6S9884	BOLT-----	8

▲ ORDER BY THE METER

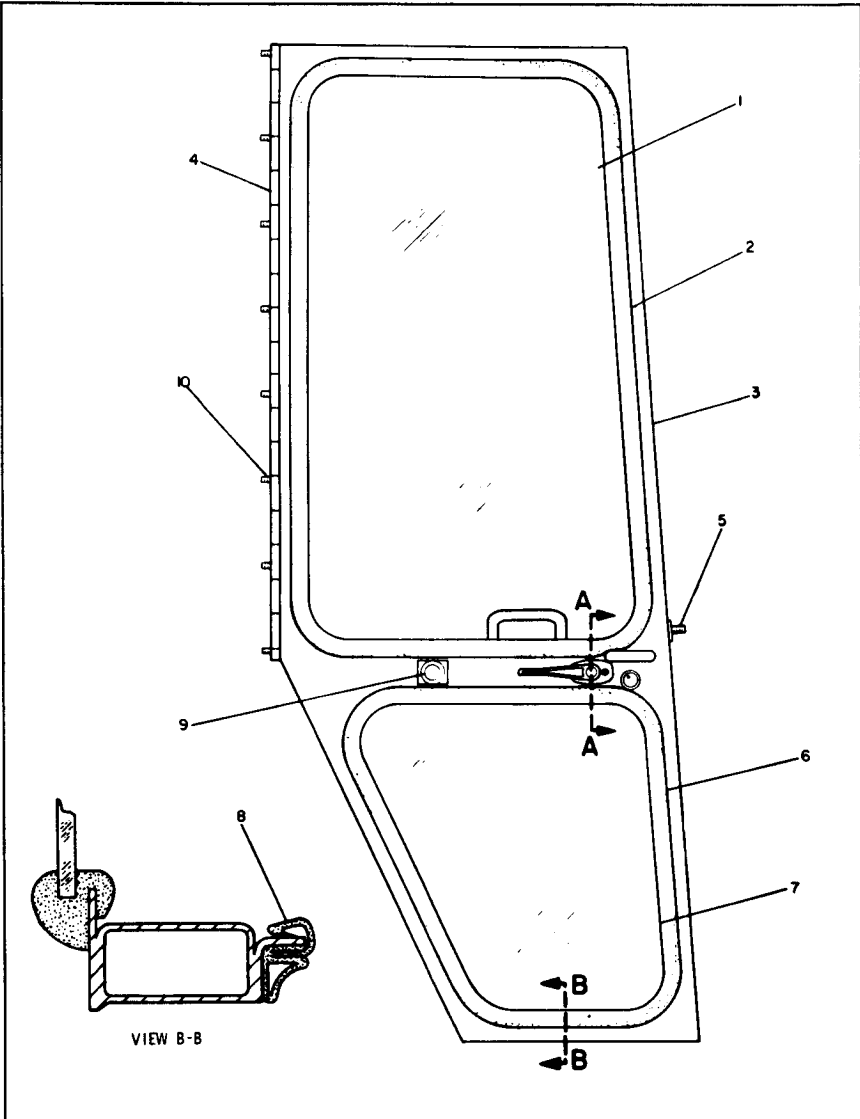
223434

5G200 DOOR GROUP—R.H.—Part 1—Type 1
Part of 6S9800 Cab Group shown on Page 195
AN ATTACHMENT



223435

5G200 DOOR GROUP—R.H.—Part 2—Type 1
Part of 6S9800 Cab Group shown on Page 195
AN ATTACHMENT



SEE PART TWO FOR VIEW A-A

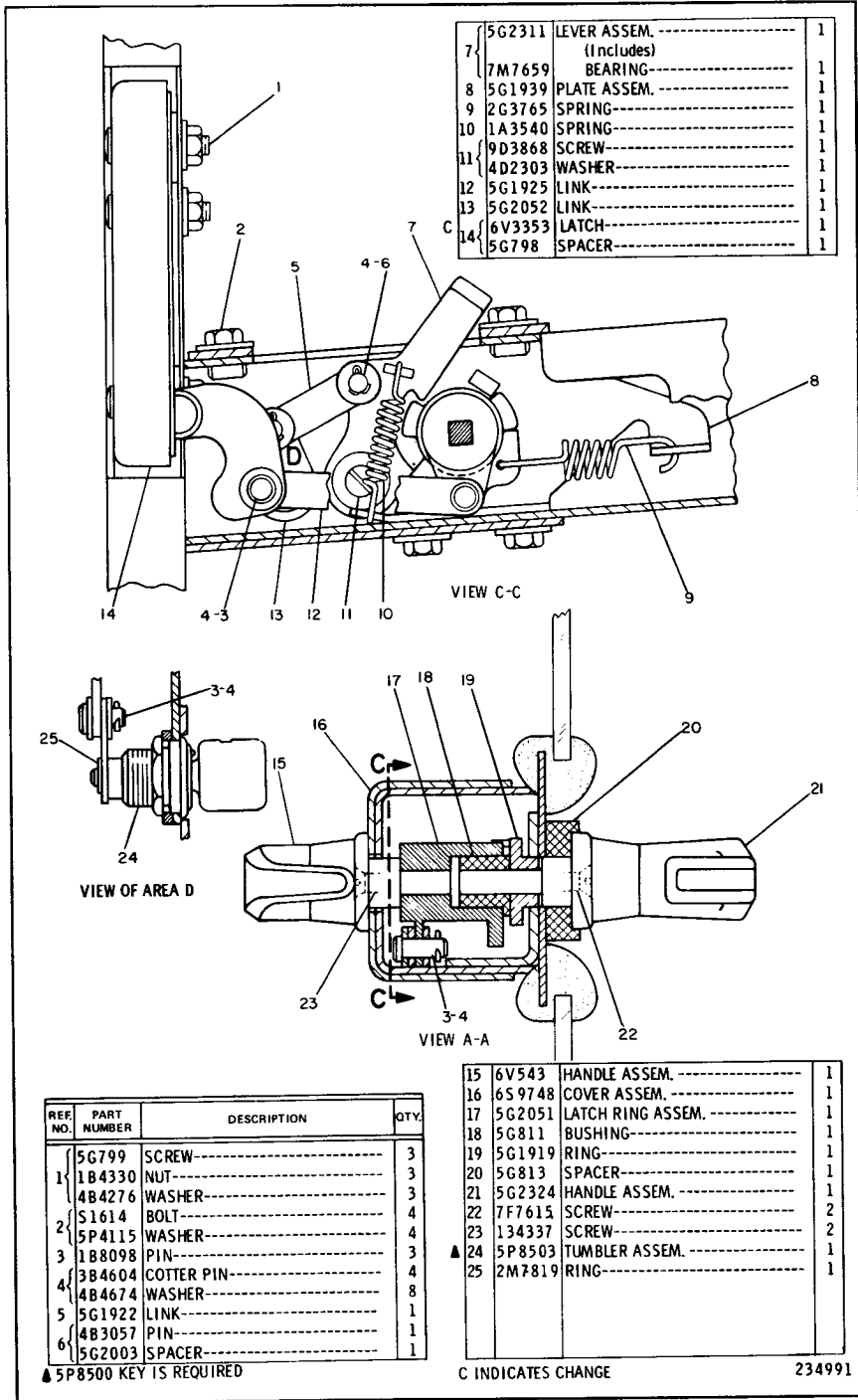
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
▲ 1	6S9817	GLASS-----	1
2	5P5768	SEAL-----2.54 m (100 in.)	1
3	6S8969	DOOR ASSEM.-----	1
		(Includes)	
3	9F6445	NUT-----	2
4	6S9906	HINGE-----	1
5	6V1155	STRIKER ASSEM.-----	1
▲ 6	5P5768	SEAL-----1.67 m (65.95 in.)	1

7	6S9818	GLASS-----	1
8	5P6448	SEAL-----35 m (14.10 in.)	1
9	5G817	BUMPER-----	1
9	1B4202	NUT-----	1
10	6S9884	BOLT-----	8

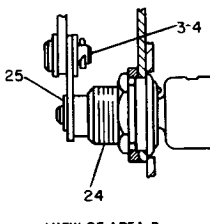
▲ ORDER BY THE METER

223434

5G200 DOOR GROUP—R.H.—Part 1—Type 2
Part of 6S9800 Cab Group shown on Page 195
AN ATTACHMENT



7	5G2311	LEVER ASSEM. -----	1
		(Includes)	
	7M7659	BEARING -----	1
8	5G1939	PLATE ASSEM. -----	1
9	2G3765	SPRING -----	1
10	1A3540	SPRING -----	1
11	9D3868	SCREW -----	1
	4D2303	WASHER -----	1
12	5G1925	LINK -----	1
13	5G2052	LINK -----	1
14	6V3353	LATCH -----	1
	5G798	SPACER -----	1



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
	5G799	SCREW -----	3
1	1B4330	NUT -----	3
	4B4276	WASHER -----	3
2	S1614	BOLT -----	4
	5P4115	WASHER -----	4
3	1B8098	PIN -----	3
	3B4604	COTTER PIN -----	4
4	4B4674	WASHER -----	8
5	5G1922	LINK -----	1
6	4B3057	PIN -----	1
	5G2003	SPACER -----	1

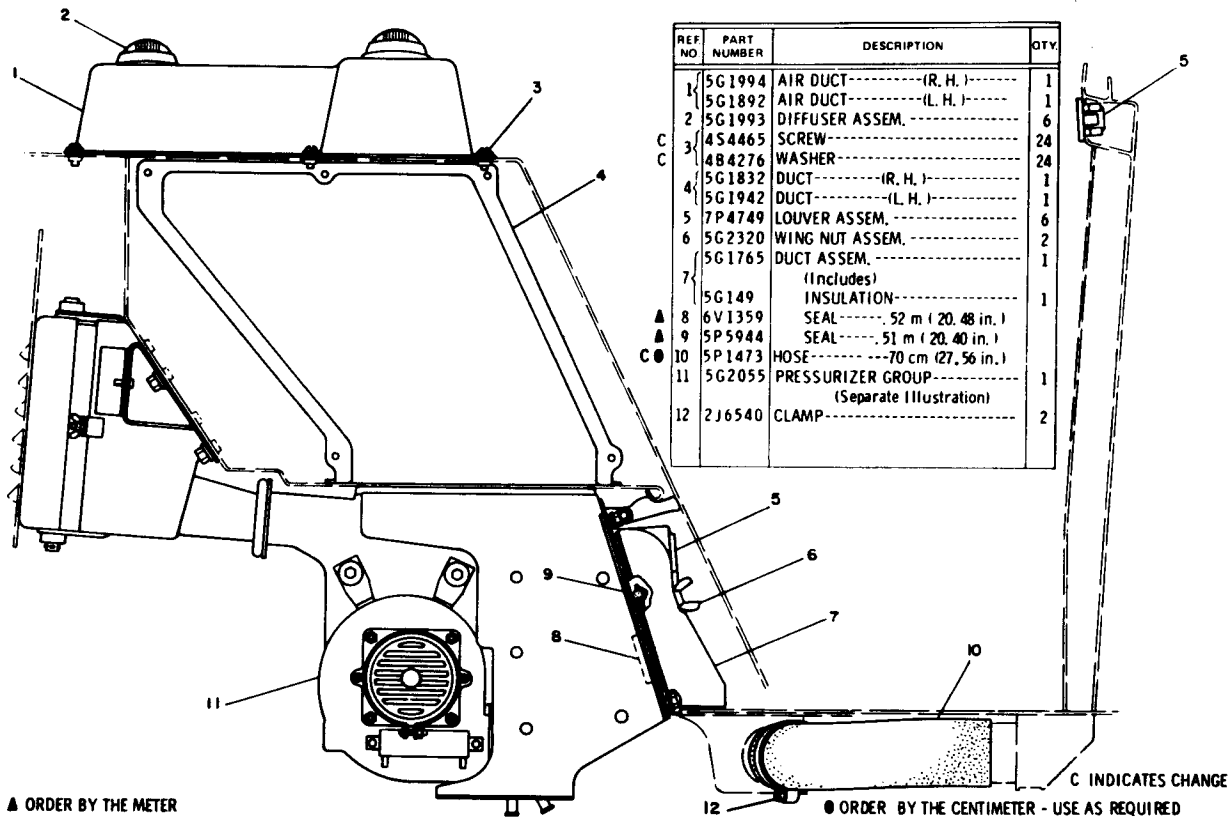
15	6V543	HANDLE ASSEM. -----	1
16	6S9748	COVER ASSEM. -----	1
17	5G2051	LATCH RING ASSEM. -----	1
18	5G811	BUSHING -----	1
19	5G1919	RING -----	1
20	5G813	SPACER -----	1
21	5G2324	HANDLE ASSEM. -----	1
22	7F7615	SCREW -----	2
23	134337	SCREW -----	2
▲ 24	5P8503	TUMBLER ASSEM. -----	1
25	2M7819	RING -----	1

▲ 5P8500 KEY IS REQUIRED

C INDICATES CHANGE

234991

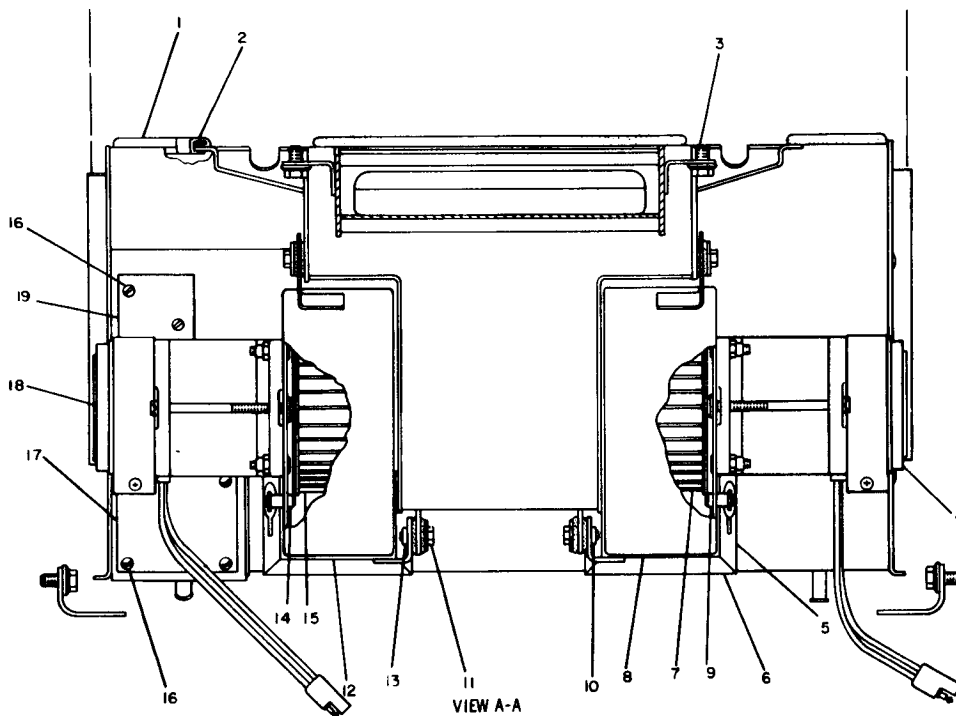
5G200 DOOR GROUP—R.H.—Part 2—Type 2
Part of 6S9800 Cab Group shown on Page 195
AN ATTACHMENT



173523

5G2002 CAB PRESSURIZER GROUP
 Part of 5G1 ROPS Group listed on Page 193
 5G2055 Pressurizer parts are shown on Pages 203, 204 and 205
 AN ATTACHMENT

5G2055 PRESSURIZER GROUP—Part 1 of 3
 Part of 5G2002 Cab Pressurizer Group shown on Page 202
 AN ATTACHMENT

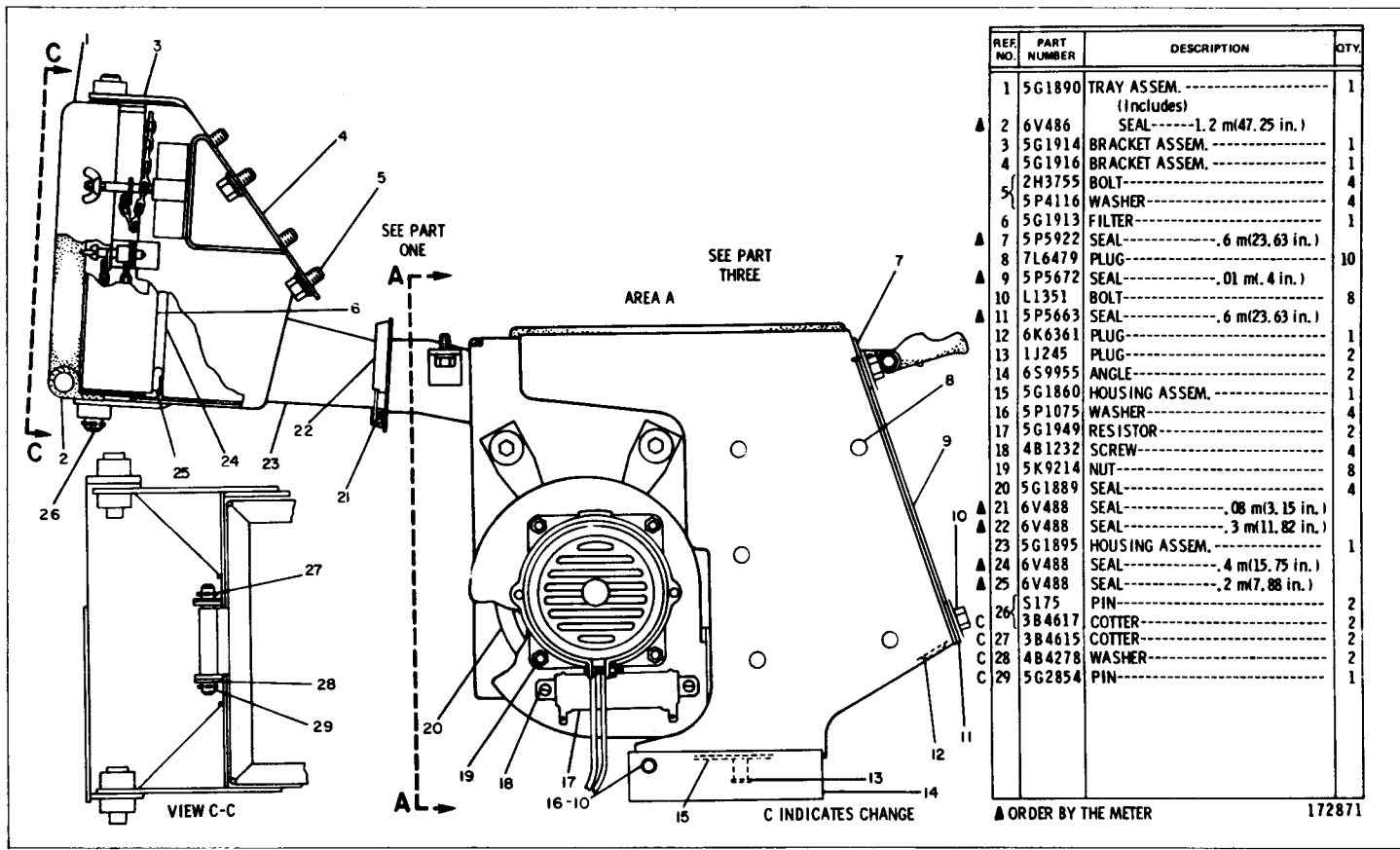


VIEW A-A

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
▲ 1	6V487	SEAL-----,07 m(2.76 in.)	
▲ 2	6V487	SEAL-----,23 m(8.78 in.)	
3	T102	BOLT-----	2
4	5P1075	WASHER-----	2
4	5G1841	MOTOR ASSEM-----	1
▲ 5	5P7502	SEAL-----,09 m(3.55 in.)	
▲ 6	5P7502	SEAL-----,10 m(3.94 in.)	
▲ C	3V255	BLOWER ASSEM-----	1
7		(Includes)	
	3B9191	SETSCREW-----	1
	5G1851	HOUSING ASSEM-----	1
8		(Includes)	
	145105	SCREW-----	3
9	6D4299	NUT-----	2
10	9F6445	NUT-----	1
	S1615	BOLT-----	6
	5K6046	WASHER-----	8
11	5G2308	SPACER-----	6
	8K1433	GROMMET-----	6
	5G1845	HOUSING ASSEM-----	1
12		(Includes)	
	145105	SCREW-----	3
13	9F6445	NUT-----	1
14	6D4299	NUT-----	2
▲ C	3V254	BLOWER ASSEM-----	1
15		(Includes)	
	3B9191	SETSCREW-----	1
16	4M8474	SCREW-----	6
	5G1858	COVER ASSEM-----	1
17		(Includes)	
	5P5945	SEAL-----,09 m(3.55 in.)	
18	5G1842	MOTOR ASSEM-----	1
	5G493	COVER ASSEM-----	1
19		(Includes)	
▲	5P5922	SEAL-----,05 m(1.97 in.)	

C INDICATES CHANGE ▲ ORDER BY THE METRE

172870

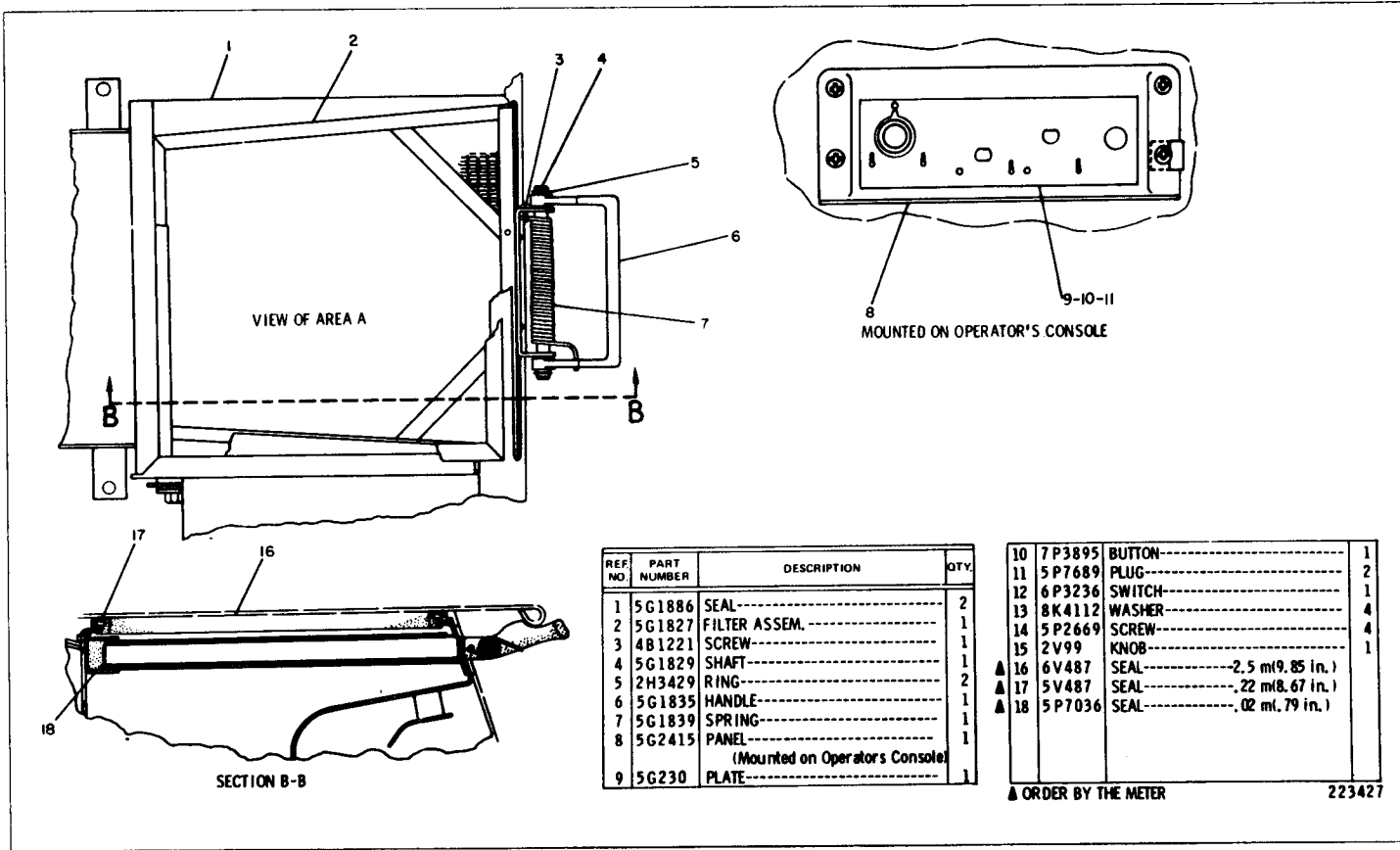


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G1890	TRAY ASSEM. ----- (Includes)	1
▲ 2	6V486	SEAL-----1.2 m(47.25 in.)	1
3	5G1914	BRACKET ASSEM. -----	1
4	5G1916	BRACKET ASSEM. -----	1
5	2H3755	BOLT-----	4
5	5P4116	WASHER-----	4
6	5G1913	FILTER-----	1
▲ 7	5P5922	SEAL-----.6 m(23.63 in.)	1
8	7L6479	PLUG-----	10
▲ 9	5P5672	SEAL-----.01 m(.4 in.)	1
10	L1351	BOLT-----	8
▲ 11	5P5663	SEAL-----.6 m(23.63 in.)	1
12	6K6361	PLUG-----	1
13	11245	PLUG-----	2
14	659955	ANGLE-----	2
15	5G1860	HOUSING ASSEM. -----	1
16	5P1075	WASHER-----	4
17	5G1949	RESISTOR-----	2
18	4B1232	SCREW-----	4
19	5K9214	NUT-----	8
20	5G1889	SEAL-----	4
21	6V488	SEAL------.08 m(3.15 in.)	1
▲ 22	6V488	SEAL-----.3 m(11.82 in.)	1
23	5G1895	HOUSING ASSEM. -----	1
▲ 24	6V488	SEAL-----.4 m(15.75 in.)	1
▲ 25	6V488	SEAL-----.2 m(7.88 in.)	1
26	S175	PIN-----	2
C 27	3B4617	COTTER-----	2
C 27	3B4615	COTTER-----	2
C 28	4B4278	WASHER-----	2
C 29	5G2854	PIN-----	1

▲ ORDER BY THE METER 172871

5G2055 PRESSURIZER GROUP—Part 2 of 3
 Part of 5G2002 Cab Pressurizer Group shown on Page 202
 AN ATTACHMENT

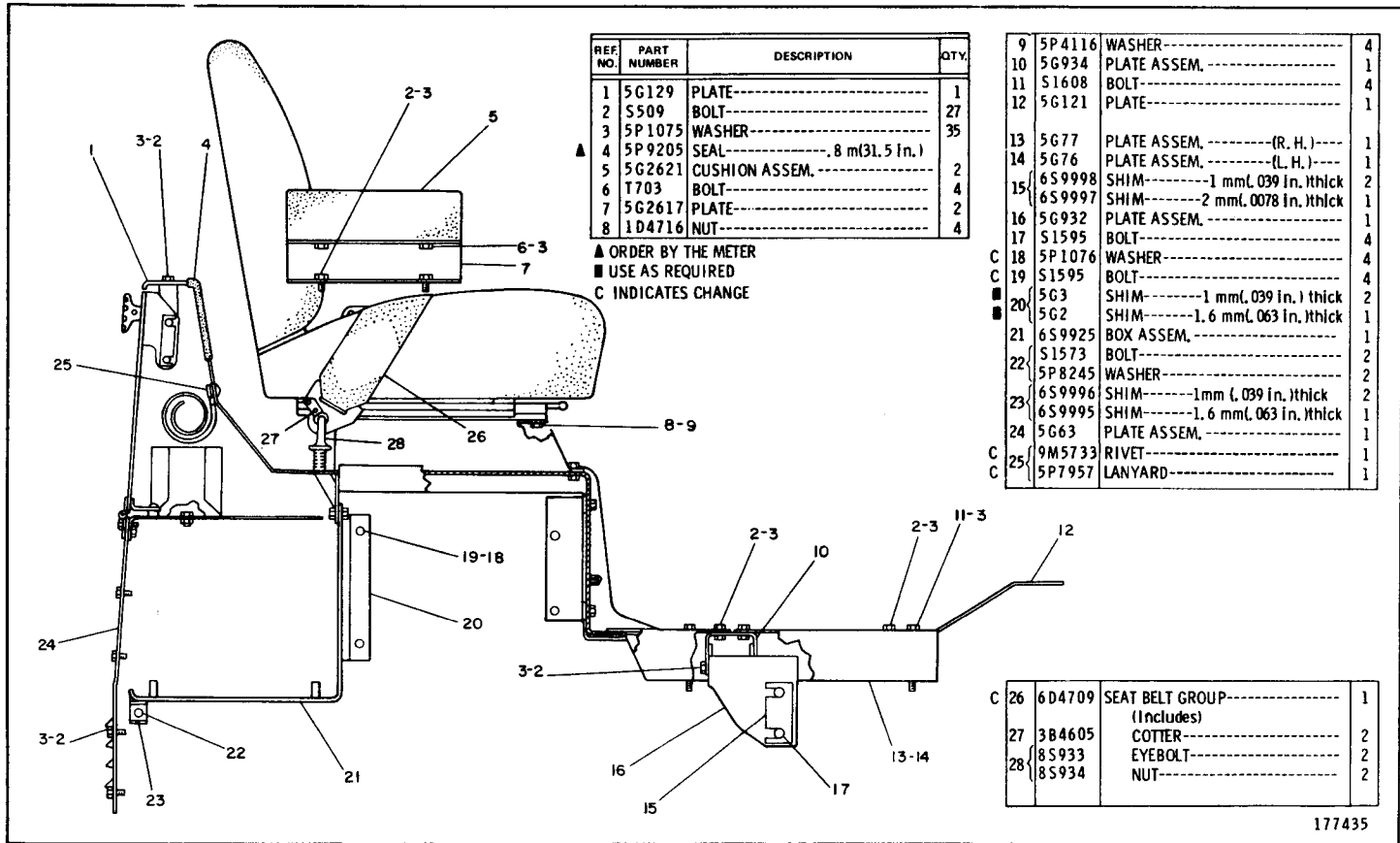
5G2055 PRESSURIZER GROUP—Part 3 of 3
 Part of 5G2002 Cab Pressurizer Group shown on Page 202
 AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G1886	SEAL-----	2
2	5G1827	FILTER ASSEM.-----	1
3	4B1221	SCREW-----	1
4	5G1829	SHAFT-----	1
5	2H3429	RING-----	2
6	5G1835	HANDLE-----	1
7	5G1839	SPRING-----	1
8	5G2415	PANEL-----	1
(Mounted on Operators Console)			
9	5G230	PLATE-----	1

10	7P3895	BUTTON-----	1
11	5P7689	PLUG-----	2
12	6P3236	SWITCH-----	1
13	8K4112	WASHER-----	4
14	5P2669	SCREW-----	4
15	2V99	KNOB-----	1
▲ 16	6V487	SEAL-----2.5 m(9.85 in.)	
▲ 17	5V487	SEAL-----,22 m(8.67 in.)	
▲ 18	5P7036	SEAL-----,02 ml.79 in.)	

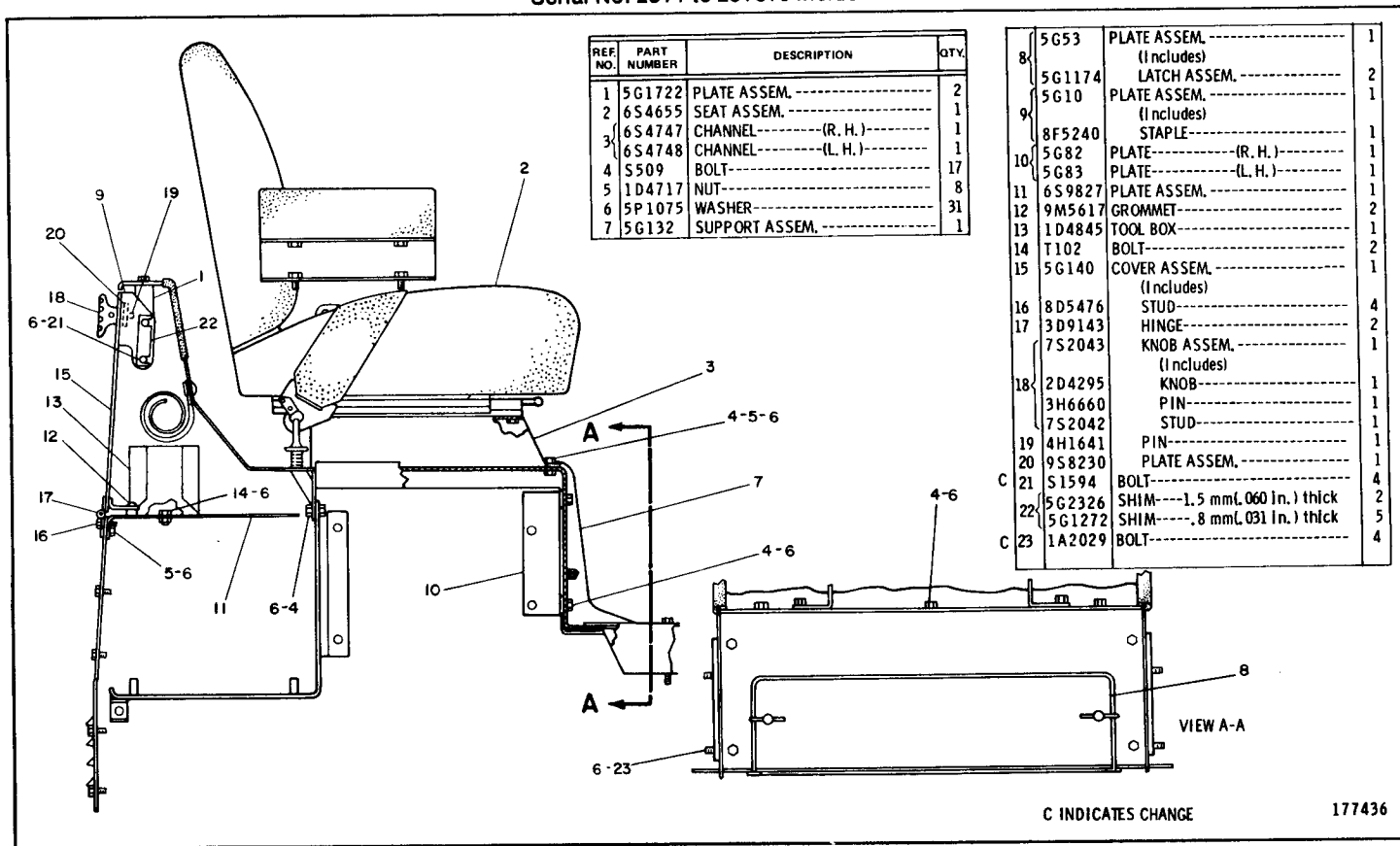
▲ ORDER BY THE METER 223427



177435

5G115 SUPPORT AND SEAT GROUP—Part 1
 Serial No. 23Y1 to 23Y816 Inclusive

5G115 SUPPORT AND SEAT GROUP—Part 2
Serial No. 23Y1 to 23Y816 Inclusive



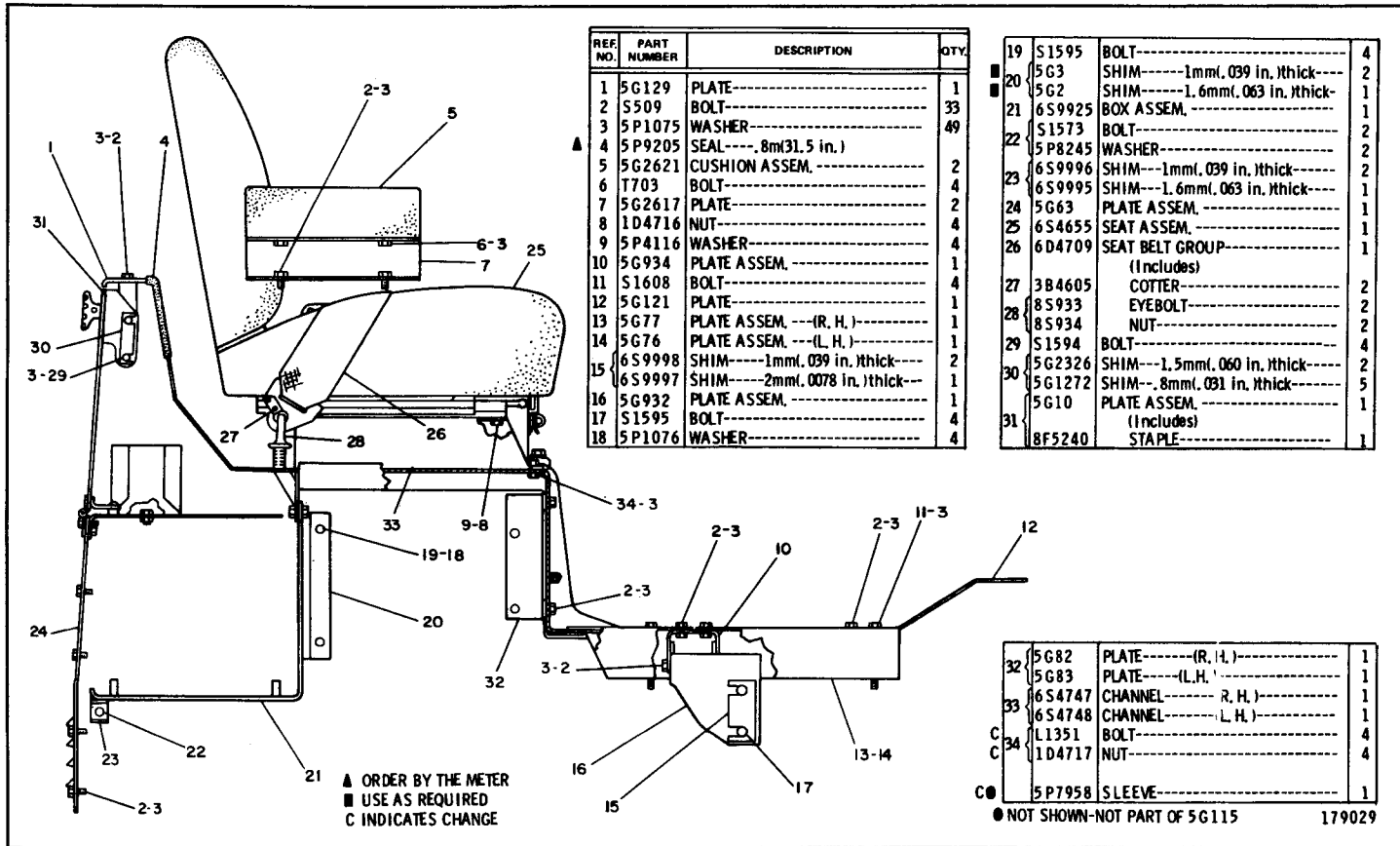
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G1722	PLATE ASSEM.-----	2
2	6S4655	SEAT ASSEM.-----	1
3	6S4747	CHANNEL----- (R. H.)-----	1
4	6S4748	CHANNEL----- (L. H.)-----	1
5	5S09	BOLT-----	17
6	1D4717	NUT-----	8
7	5P1075	WASHER-----	31
7	5G132	SUPPORT ASSEM.-----	1

8	5G53	PLATE ASSEM.-----	1
		(Includes)	
9	5G1174	LATCH ASSEM.-----	2
	5G10	PLATE ASSEM.-----	1
10		(Includes)	
	8F5240	STAPLE-----	1
11	5G82	PLATE----- (R. H.)-----	1
	5G83	PLATE----- (L. H.)-----	1
12	6S9827	PLATE ASSEM.-----	1
13	9M5617	GROMMET-----	2
14	1D4845	TOOL BOX-----	1
15	T102	BOLT-----	2
16	5G140	COVER ASSEM.-----	1
		(Includes)	
17	8D5476	STUD-----	4
18	3D9143	HINGE-----	2
	7S2043	KNOB ASSEM.-----	1
19		(Includes)	
	2D4295	KNOB-----	1
20	3H6660	PIN-----	1
	7S2042	STUD-----	1
21	4H1641	PIN-----	1
	9S8230	PLATE ASSEM.-----	1
22	S1594	BOLT-----	4
	5G2326	SHIM-----1.5 mm(.060 in.) thick	2
23	5G1272	SHIM-----.8 mm(.031 in.) thick	5
	1A2029	BOLT-----	4

C INDICATES CHANGE

177436

CAB, GAUGES AND ACCESSORIES

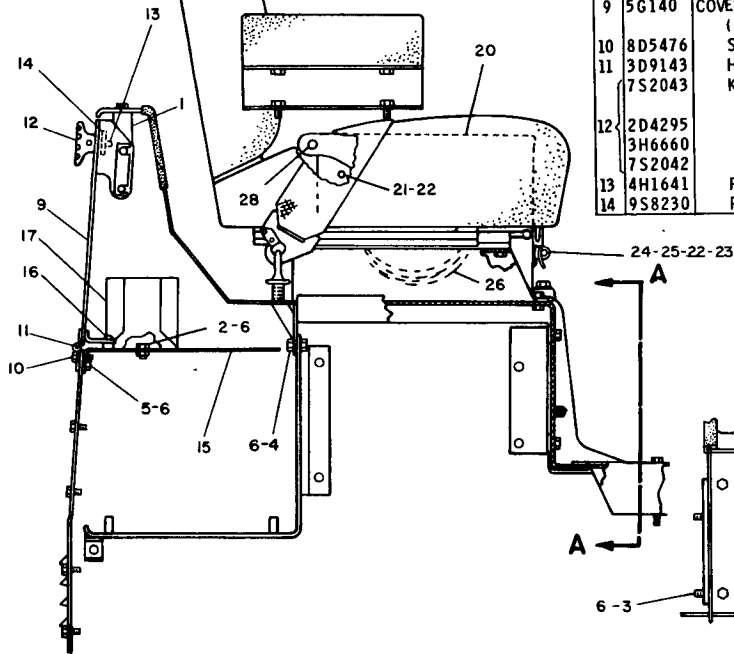


5G115 SUPPORT AND SEAT GROUP—Part 1
Serial No. 23Y817 to 23Y906 Inclusive

179029

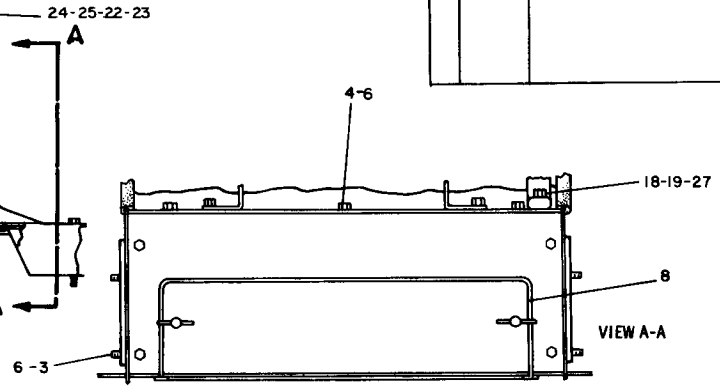
5G115 SUPPORT AND SEAT GROUP—Part 2
 Serial No. 23Y817 to 23Y906 inclusive

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G1722	PLATE ASSEM.-----	2
2	T102	BOLT-----	2
3	1A2029	BOLT-----	4



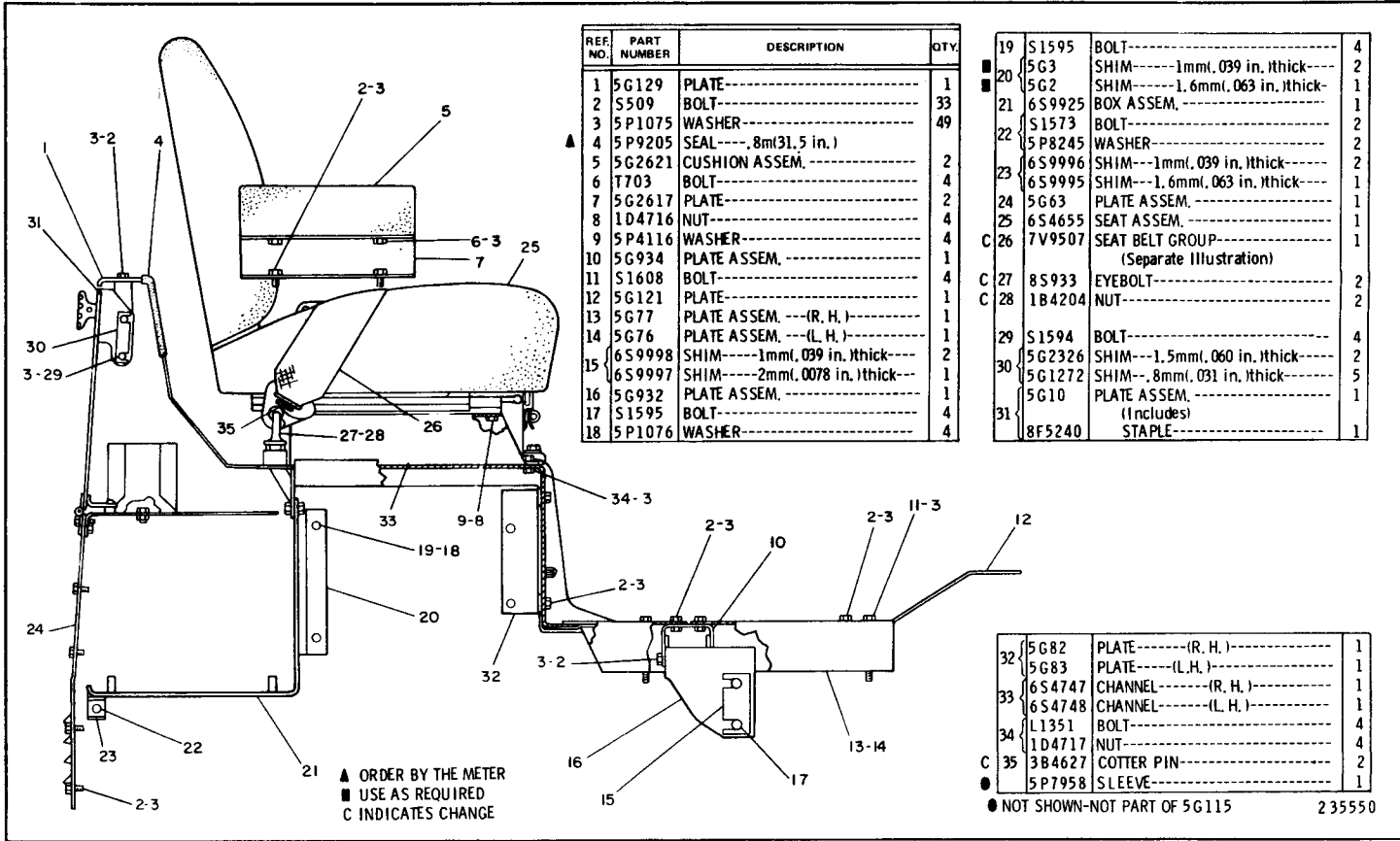
4	S509	BOLT-----	7
5	1D4717	NUT-----	4
6	5P1075	WASHER-----	17
7	5G132	SUPPORT ASSEM.-----	1
8	5G53	PLATE ASSEM. (Includes)	1
9	5G1174	LATCH ASSEM.-----	2
10	5G140	COVER ASSEM. (Includes)	1
11	8D5476	STUD-----	4
12	3D9143	HINGE-----	2
13	7S2043	KNOB ASSEM. (Includes)	1
14	2D4295	KNOB-----	1
	3H6660	PIN-----	1
	7S2042	STUD-----	1
	4H1641	PIN-----	1
	9S8230	PLATE ASSEM.-----	1

15	6S9827	PLATE ASSEM.-----	1
16	9M5617	GROMMET-----	2
17	1D4845	TOOL BOX-----	1
18	S1588	BOLT-----	2
19	5P7213	WASHER-----	2
20	5G2439	COMPARTMENT ASSEM. (Includes)	1
21	9M5733	RIVET-----	1
22	4F2320	WASHER-----	5
23	9F6596	HOOK-----	1
24	9F6595	CATCH-----	1
25	9M5732	RIVET-----	4
26	5P7957	LANYARD-----	1
27	5P7958	SLEEVE-----	1
28	1K5888	SPACER-----	2
	6K3273	RIVET-----	2
	6K3274	PLATE-----	2



C INDICATES CHANGE

179030



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G129	PLATE-----	1
2	5509	BOLT-----	33
3	5P1075	WASHER-----	49
▲ 4	5P9205	SEAL----, 8m(31.5 in.)	1
5	5G2621	CUSHION ASSEM.-----	2
6	1703	BOLT-----	4
7	5G2617	PLATE-----	2
8	1D4716	NUT-----	4
9	5P4116	WASHER-----	4
10	5G934	PLATE ASSEM.-----	1
11	51608	BOLT-----	4
12	5G121	PLATE-----	1
13	5G77	PLATE ASSEM.---(R. H.)	1
14	5G76	PLATE ASSEM.---(L. H.)	1
15	6S9998	SHIM---1mm(.039 in.)thick---	2
16	6S9997	SHIM---2mm(.0078 in.)thick---	1
17	5G932	PLATE ASSEM.-----	1
18	5P1076	WASHER-----	4

19	S1595	BOLT-----	4
■ 20	5G3	SHIM---1mm(.039 in.)thick---	2
21	5G2	SHIM---1.6mm(.063 in.)thick---	1
22	6S9925	BOX ASSEM.-----	1
23	S1573	BOLT-----	2
24	5P8245	WASHER-----	2
25	6S9996	SHIM---1mm(.039 in.)thick---	2
26	6S9995	SHIM---1.6mm(.063 in.)thick---	1
27	5G663	PLATE ASSEM.-----	1
28	6S4655	SEAT ASSEM.-----	1
29	7V9507	SEAT BELT GROUP-----	1
(Separate Illustration)			
C 27	8S933	EYEBOLT-----	2
C 28	1B4204	NUT-----	2
29	S1594	BOLT-----	4
30	5G2326	SHIM---1.5mm(.060 in.)thick---	2
31	5G1272	SHIM---.8mm(.031 in.)thick---	5
32	5G10	PLATE ASSEM.-----	1
(Includes)			
33	8F5240	STAPLE-----	1

32	5G82	PLATE---(R. H.)-----	1
33	5G83	PLATE---(L. H.)-----	1
34	6S4747	CHANNEL---(R. H.)-----	1
35	6S4748	CHANNEL---(L. H.)-----	1
36	1L351	BOLT-----	4
37	1D4717	NUT-----	4
38	3B4627	COTTER PIN-----	2
39	5P7958	SLEEVE-----	1

● NOT SHOWN-NOT PART OF 5G115 235550

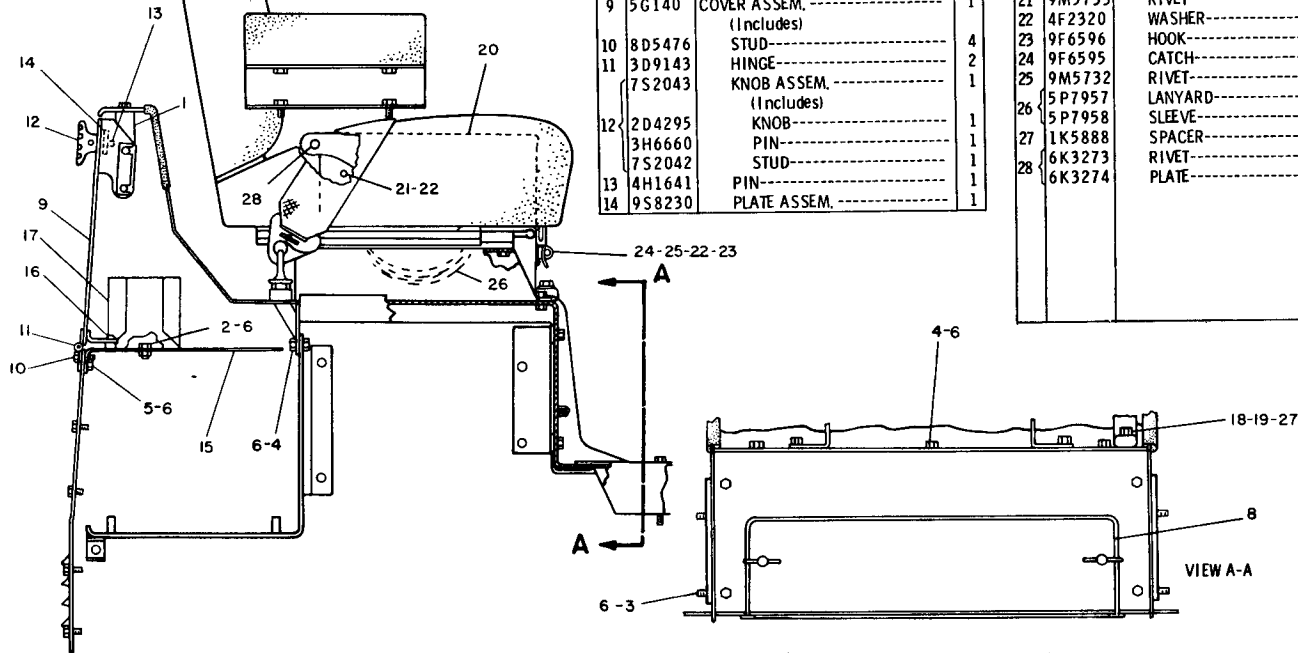
5G115 SUPPORT AND SEAT GROUP—Part 1
Serial No. 23Y907—Up
7V9507 Belt parts are shown on Page 211D

5G115 SUPPORT AND SEAT GROUP—Part 2
Serial No. 23Y907—Up

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G1722	PLATE ASSEM.	2
2	T102	BOLT	2
3	1A2029	BOLT	4

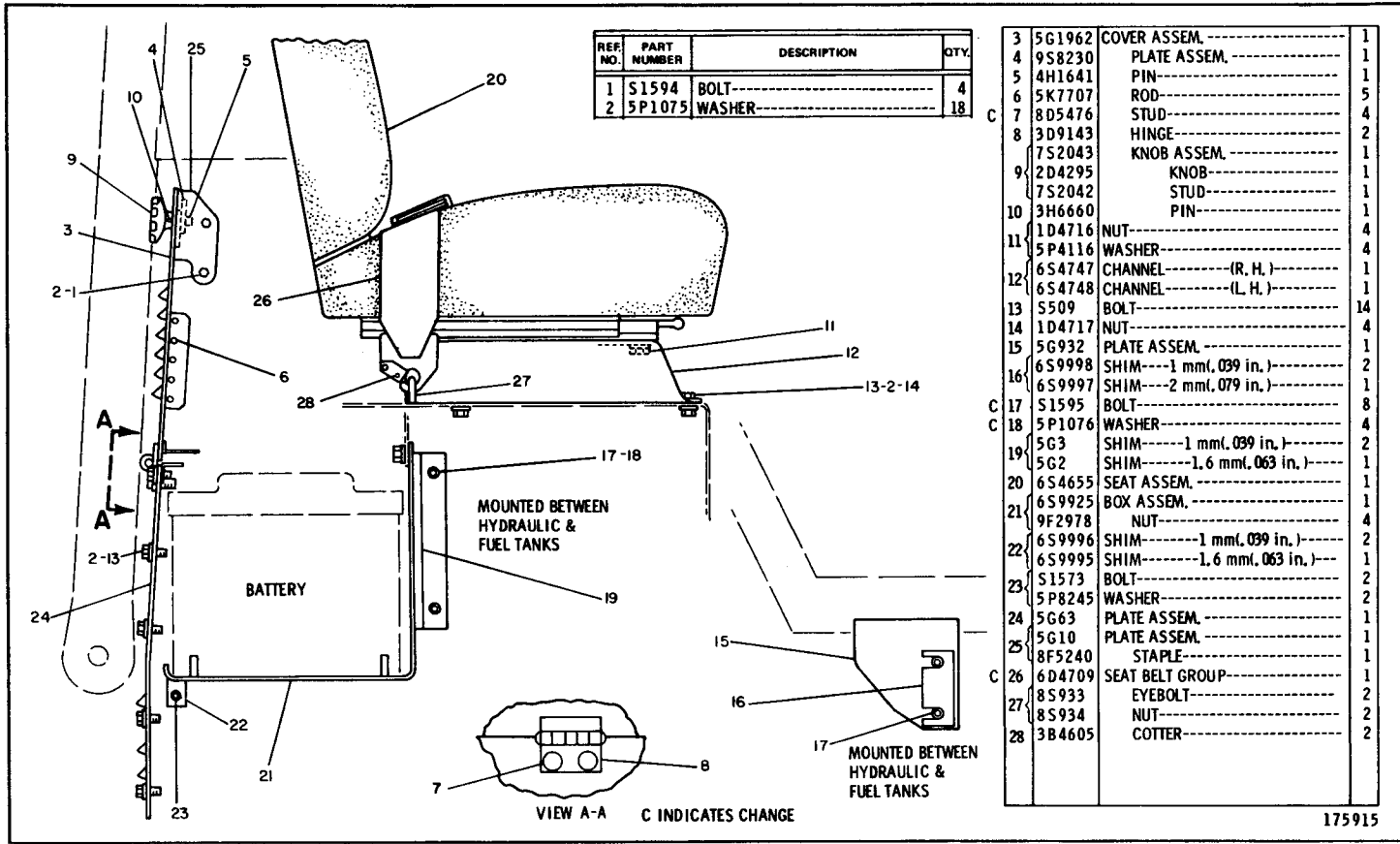
4	S509	BOLT	7
5	1D4717	NUT	4
6	5P1075	WASHER	17
7	5G132	SUPPORT ASSEM.	1
	5G53	PLATE ASSEM.	1
8		(Includes)	
	5G1174	LATCH ASSEM.	2
9	5G140	COVER ASSEM.	1
		(Includes)	
10	8D5476	STUD	4
11	3D9143	HINGE	2
	7S2043	KNOB ASSEM.	1
		(Includes)	
12	2D4295	KNOB	1
	3H6660	PIN	1
	7S2042	STUD	1
13	4H1641	PIN	1
14	9S8230	PLATE ASSEM.	1

15	6S9827	PLATE ASSEM.	1
16	9M5617	GROMMET	2
17	1D4845	TOOL BOX	1
18	S1588	BOLT	2
19	5M2894	WASHER	2
20	5G2439	COMPARTMENT ASSEM.	1
		(Includes)	
21	9M5733	RIVET	1
22	4F2320	WASHER	5
23	9F6596	HOOK	1
24	9F6595	CATCH	1
25	9M5732	RIVET	4
	5P7957	LANYARD	1
	5P7958	SLEEVE	1
26	1K5888	SPACER	2
27	6K3273	RIVET	2
28	6K3274	PLATE	2



C INDICATES CHANGE

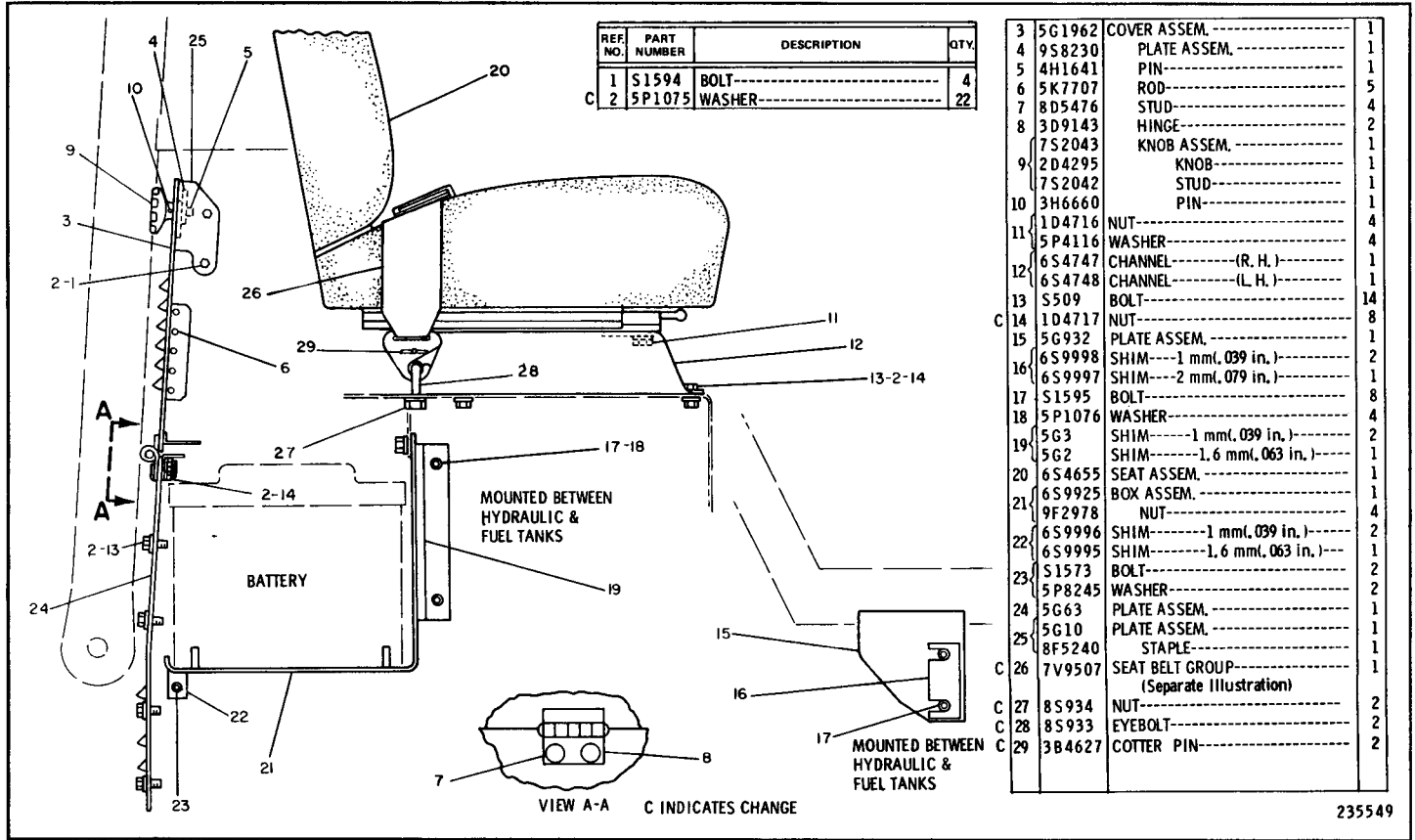
235551

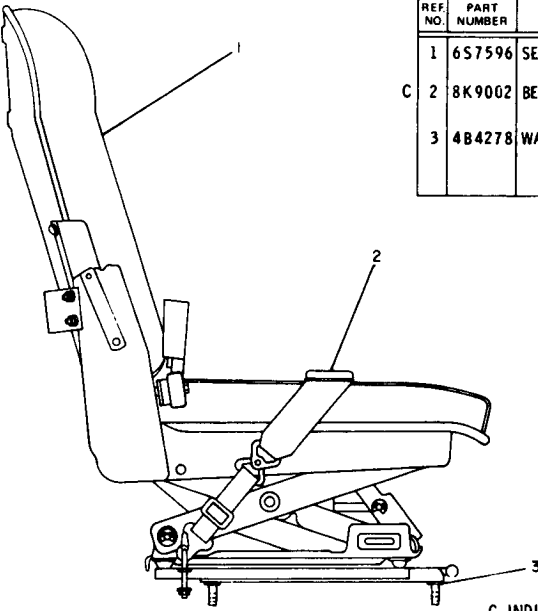


175915

5G1804 SUPPORT AND SEAT GROUP—Type 1
 Part of 5G1 ROPS Group listed on Page 193
 AN ATTACHMENT

5G1804 SUPPORT AND SEAT GROUP—Type 2
Part of 5G1 ROPS Group listed on Page 193
7V9507 Belt parts are shown on Page 211D
AN ATTACHMENT



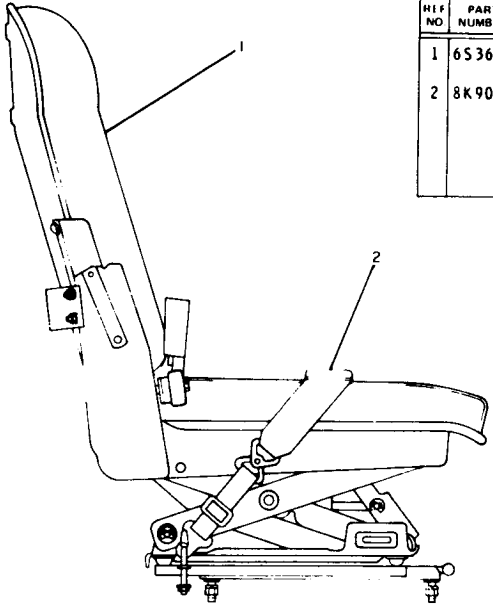


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	6S7596	SEAT GROUP----- (Separate Illustration)	1
2	8K9002	BELT GROUP----- (Separate Illustration)	1
3	4B4278	WASHER-----	4

C INDICATES CHANGE

174675

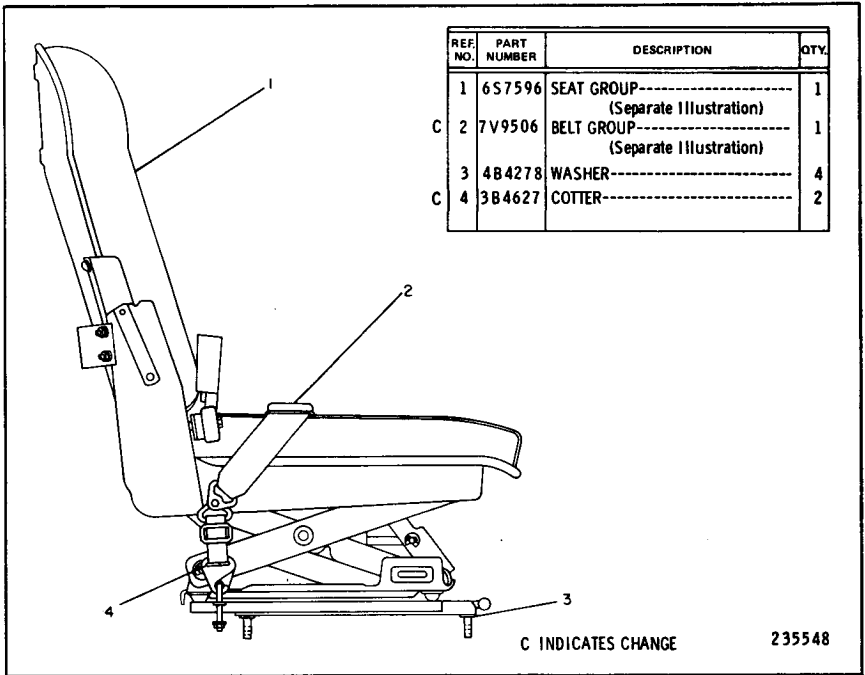
6S3626 SUSPENSION SEAT GROUP—Type 1
 Also part of 5G2656 Suspension Seat Group
 6S7596 Seat and 8K9002 Belt parts are shown on Pages 210, 211 and 211A
AN ATTACHMENT



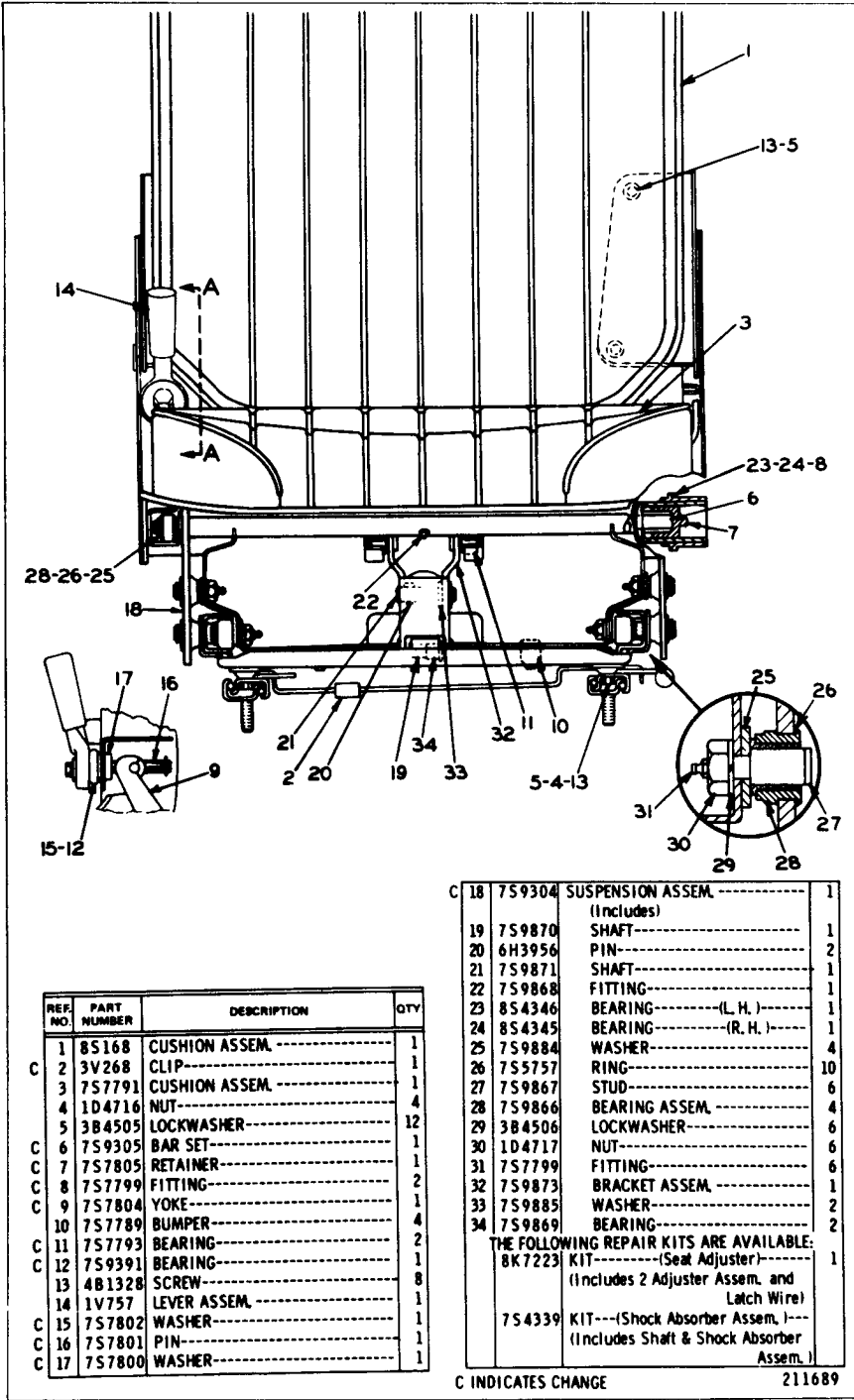
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	6S3626	SEAT GROUP----- (Separate Illustration)	1
2	8K9002	BELT GROUP----- (Separate Illustration)	1

223333

5G2656 SUSPENSION SEAT GROUP
 6S3626 Seat and 8K9002 Belt parts are shown on Pages 209, 209B, 211 and 211A
AN ATTACHMENT



6S3626 SUSPENSION SEAT GROUP—Type 2
 Also part of 5G2656 Suspension Seat Group shown on Page 209
 6S7596 Seat and 7V9506 Belt parts are shown on Pages 210 and 211D
AN ATTACHMENT



REF NO.	PART NUMBER	DESCRIPTION	QTY
C 1	85168	CUSHION ASSEM. -----	1
C 2	3V268	CLIP-----	1
C 3	757791	CUSHION ASSEM. -----	1
C 4	1D4716	NUT-----	4
C 5	3B4505	LOCKWASHER-----	12
C 6	759305	BAR SET-----	1
C 7	757805	RETAINER-----	1
C 8	757799	FITTING-----	2
C 9	757804	YOKE-----	4
C 10	757789	BUMPER-----	1
C 11	757793	BEARING-----	2
C 12	759391	BEARING-----	1
C 13	4B1328	SCREW-----	8
C 14	1V757	LEVER ASSEM. -----	1
C 15	757802	WASHER-----	1
C 16	757801	PIN-----	1
C 17	757800	WASHER-----	1

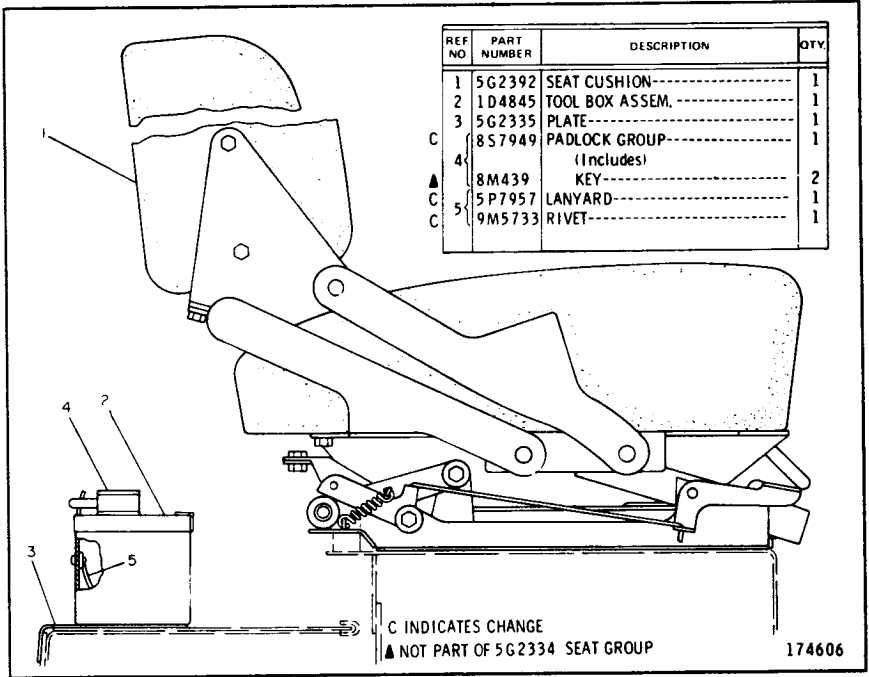
C 18	759304	SUSPENSION ASSEM. -----	1
		(Includes)	
19	759870	SHAFT-----	1
20	6H3956	PIN-----	2
21	759871	SHAFT-----	1
22	759868	FITTING-----	1
23	854346	BEARING----- (L. H.)	1
24	854345	BEARING----- (R. H.)	1
25	759884	WASHER-----	4
26	755757	RING-----	10
27	759867	STUD-----	6
28	759866	BEARING ASSEM. -----	4
29	3B4506	LOCKWASHER-----	6
30	1D4717	NUT-----	6
31	757799	FITTING-----	6
32	759873	BRACKET ASSEM. -----	1
33	759885	WASHER-----	2
34	759869	BEARING-----	2
THE FOLLOWING REPAIR KITS ARE AVAILABLE:			
8K7223	KIT----- (Seat Adjuster)		1
(Includes 2 Adjuster Assem. and Latch Wire)			
754339	KIT--- (Shock Absorber Assem. 1--- (Includes Shaft & Shock Absorber Assem.))		

C INDICATES CHANGE

211689

6S7596 BASIC SEAT GROUP

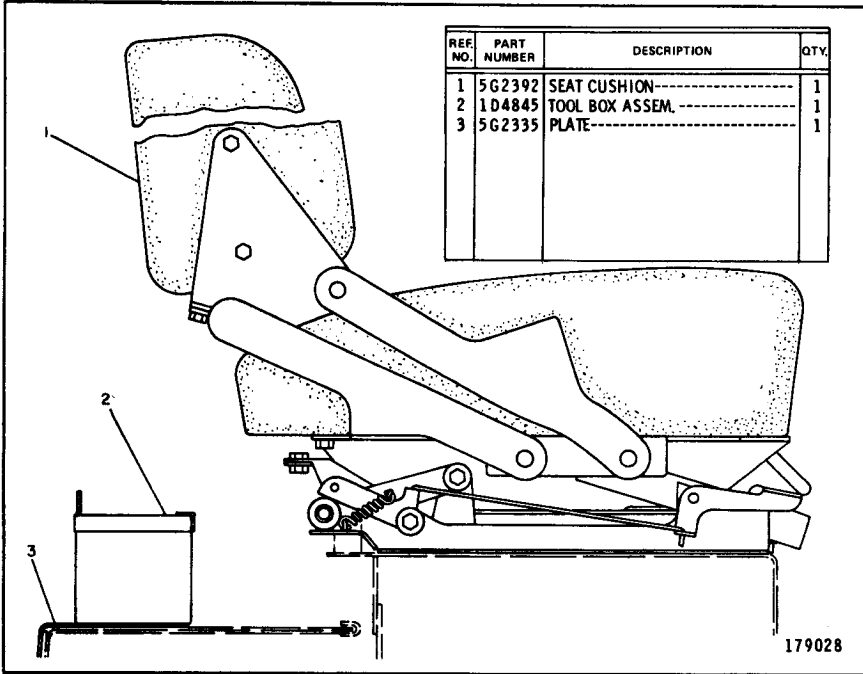
Also part of 6S3626 Suspension Seat Group shown on Page 209
AN ATTACHMENT



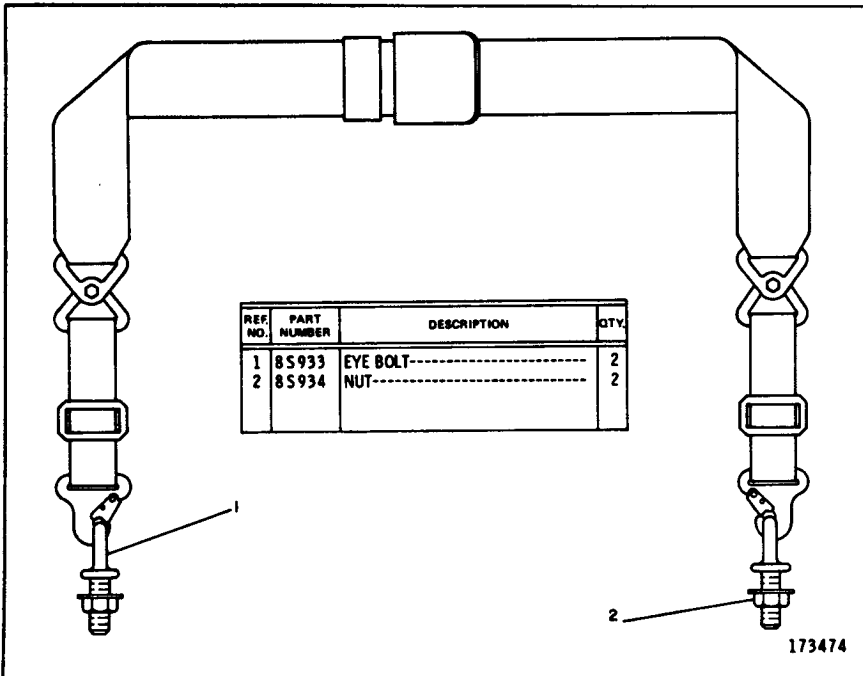
5G2334 REVERSIBLE SEAT GROUP—Type 1
 Part of 5G2173 Backhoe Mounting Arrangement listed on Page 172
 AN ATTACHMENT

CONSISTS OF:			PAGE
1	3V7111	BELT GROUP	212
	- OR -		
1	3V7112	BELT GROUP (NO SERVICEABLE PARTS)	

8K9002 BASIC BELT GROUP—Type 1
 Part of 5G2656 and 6S3626 Suspension Seat Groups shown on Pages 209 & 209B
 AN ATTACHMENT

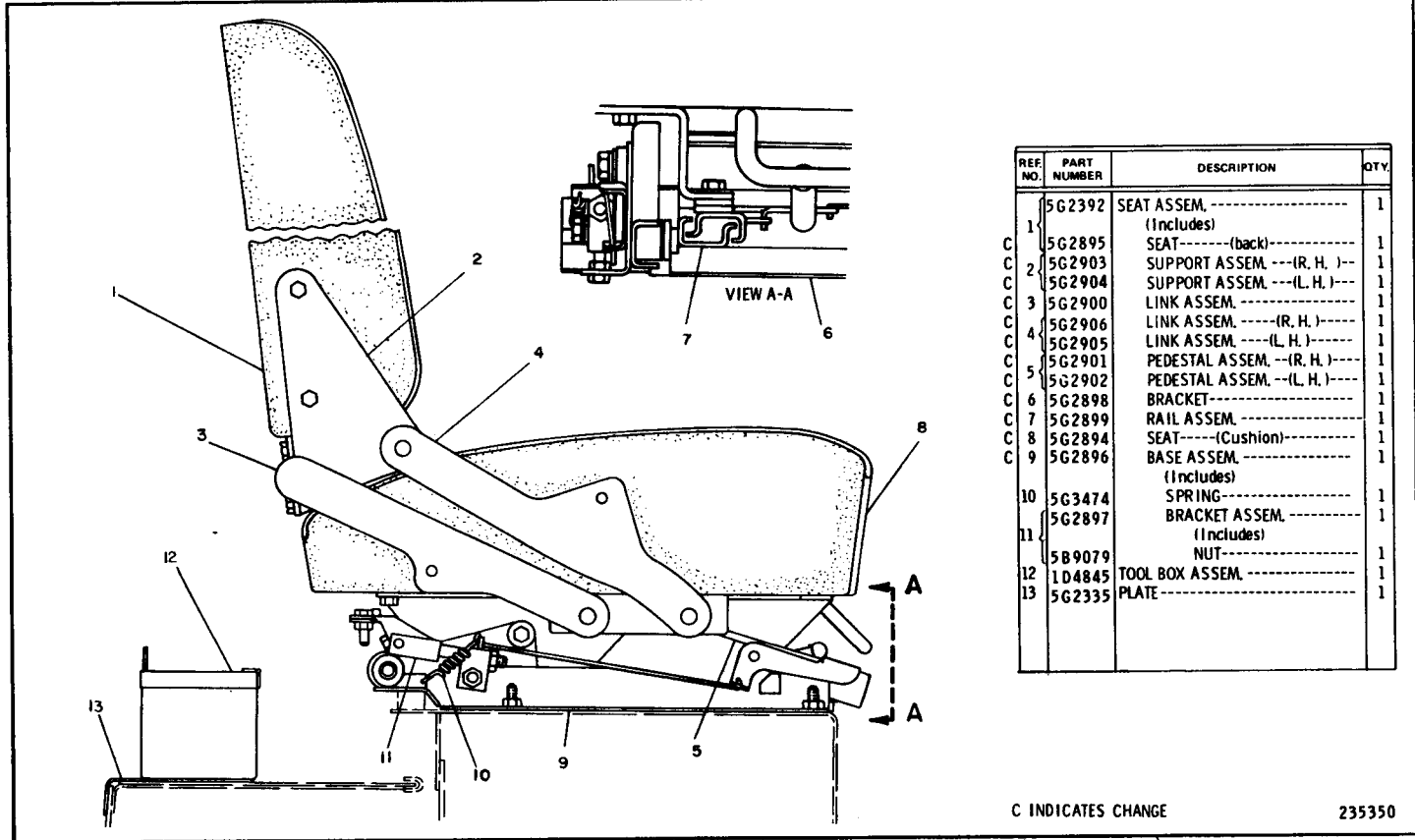


5G2334 REVERSIBLE SEAT GROUP—Type 2
 Part of 5G2173 Backhoe Mounting Arrangement listed on Page 172
 AN ATTACHMENT



8K9002 BASIC BELT GROUP—Type 2
 Part of 5G2656 and 6S3626 Suspension Seat Group shown on Pages 209 and 209B
 AN ATTACHMENT

5G2334 REVERSIBLE SEAT GROUP—Type 3
Part of 5G2173 Backhoe Mounting Arrangement listed on Page 172
AN ATTACHMENT

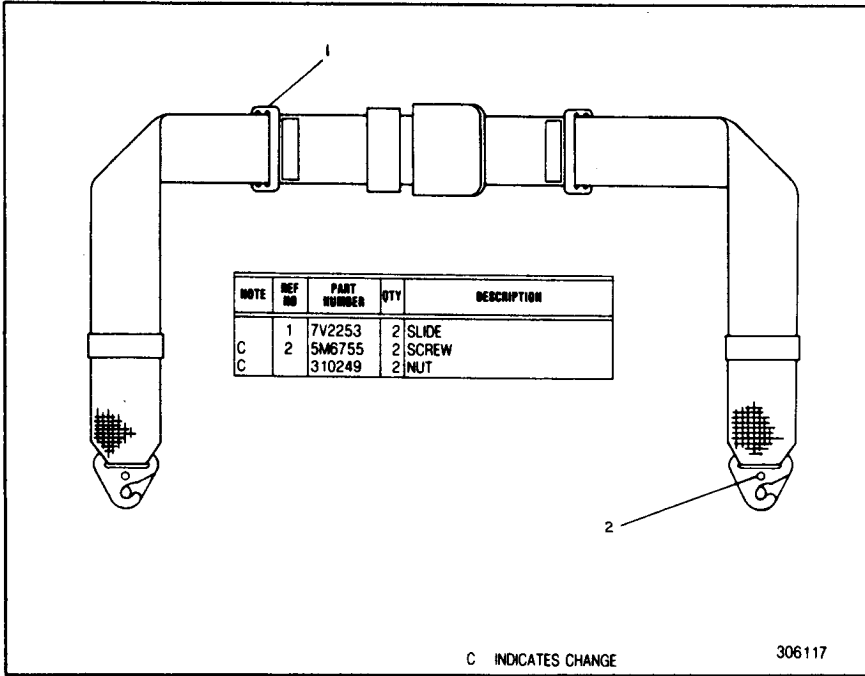


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G2392	SEAT ASSEM.-----	1
		(Includes)	
C 2	5G2895	SEAT-----(back)-----	1
C 2	5G2903	SUPPORT ASSEM.---(R. H.)---	1
C 3	5G2904	SUPPORT ASSEM.---(L. H.)---	1
C 3	5G2900	LINK ASSEM.-----	1
C 4	5G2906	LINK ASSEM.-----(R. H.)----	1
C 4	5G2905	LINK ASSEM.-----(L. H.)----	1
C 5	5G2901	PEDESTAL ASSEM.--(R. H.)----	1
C 5	5G2902	PEDESTAL ASSEM.--(L. H.)----	1
C 6	5G2898	BRACKET-----	1
C 7	5G2899	RAIL ASSEM.-----	1
C 8	5G2894	SEAT-----(Cushion)-----	1
C 9	5G2896	BASE ASSEM.-----	1
		(Includes)	
10	5G3474	SPRING-----	1
	5G2897	BRACKET ASSEM.-----	1
11		(Includes)	
	5B9079	NUT-----	1
12	1D4845	TOOL BOX ASSEM.-----	1
13	5G2335	PLATE-----	1

C INDICATES CHANGE

235350

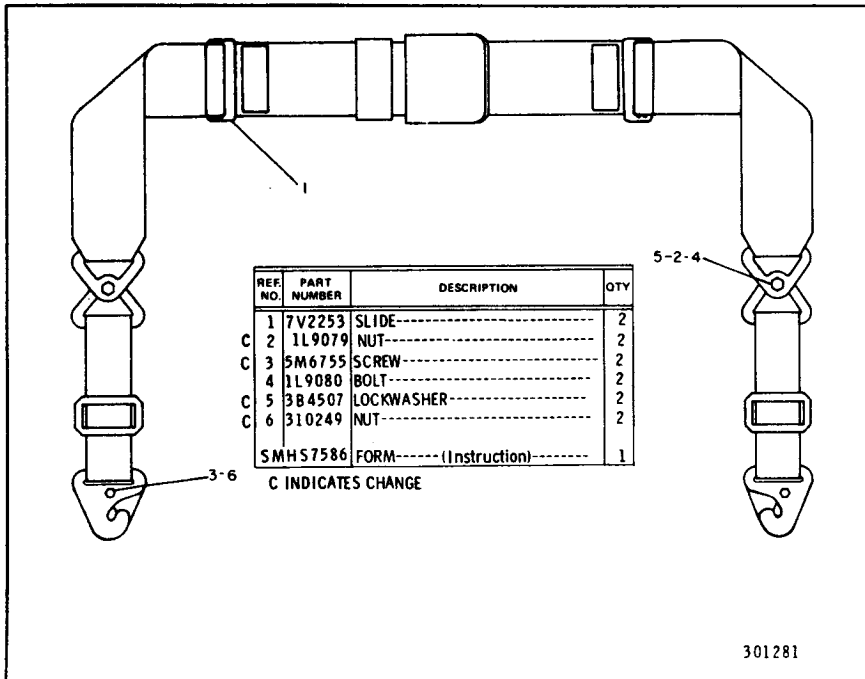
CATERPILLAR D3B TRACTOR



C INDICATES CHANGE

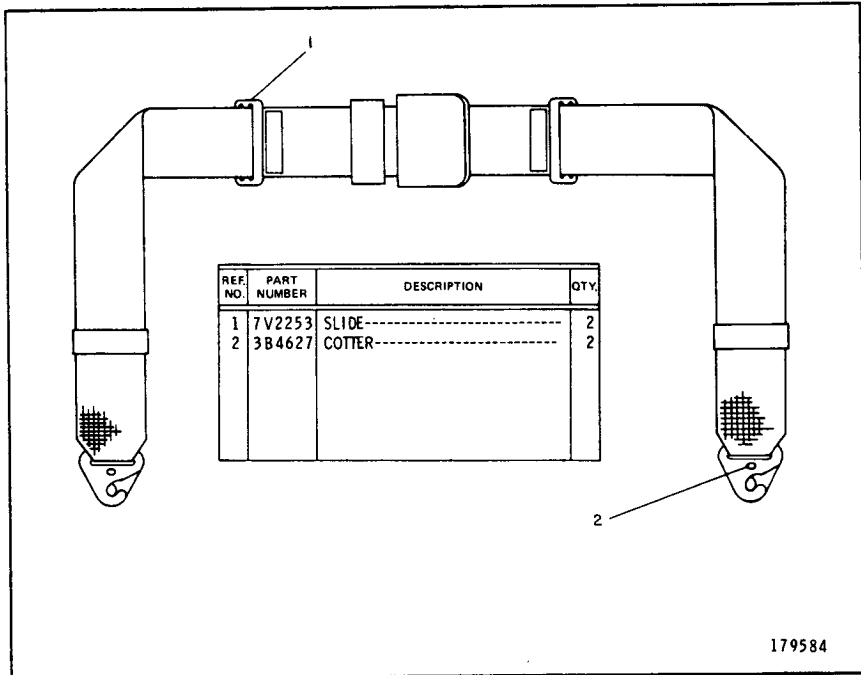
7V9507 SEAT BELT GROUP—Type 2

Part of 5G115 and 5G1804 Support and Seat Group shown on Pages 207C & 208A



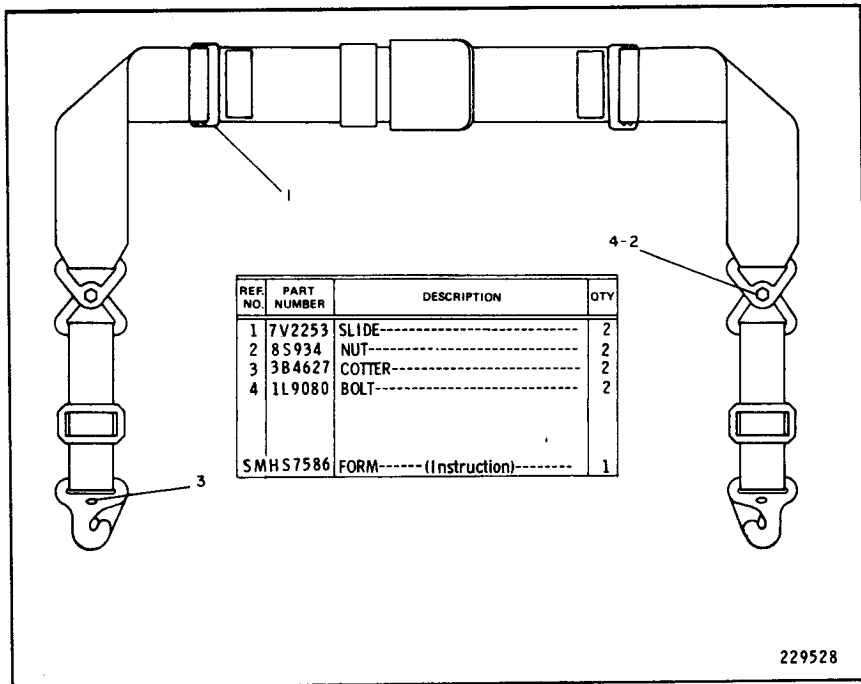
7V9506 SEAT BELT GROUP—Type 2

Part of 6S3626 Adjustable Seat Group shown on Page 209B
AN ATTACHMENT



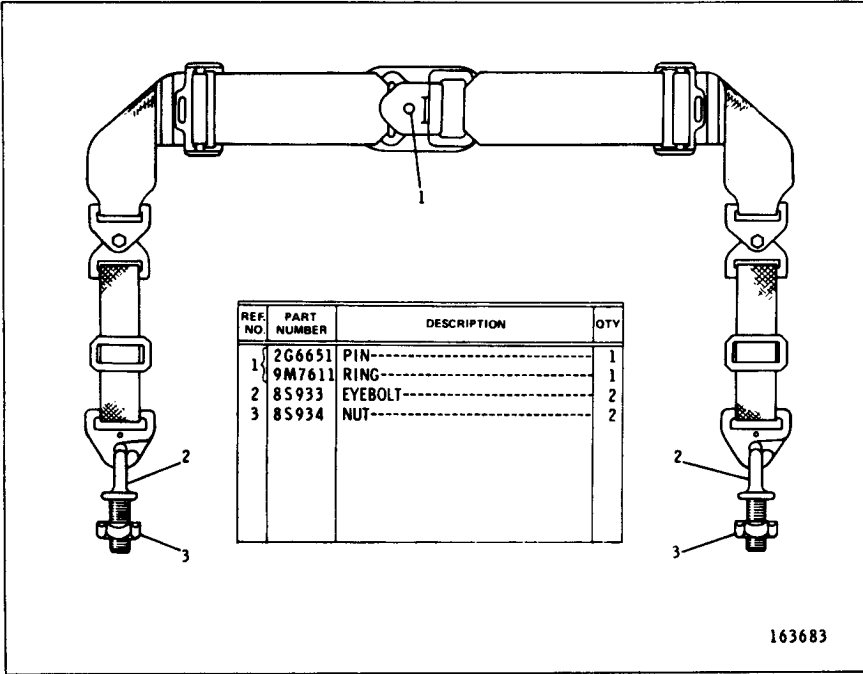
179584

7V9507 SEAT BELT GROUP—Type 1
 Part of 5G115 and 5G1804 Support and Seat Groups shown on Pages 207C & 208A

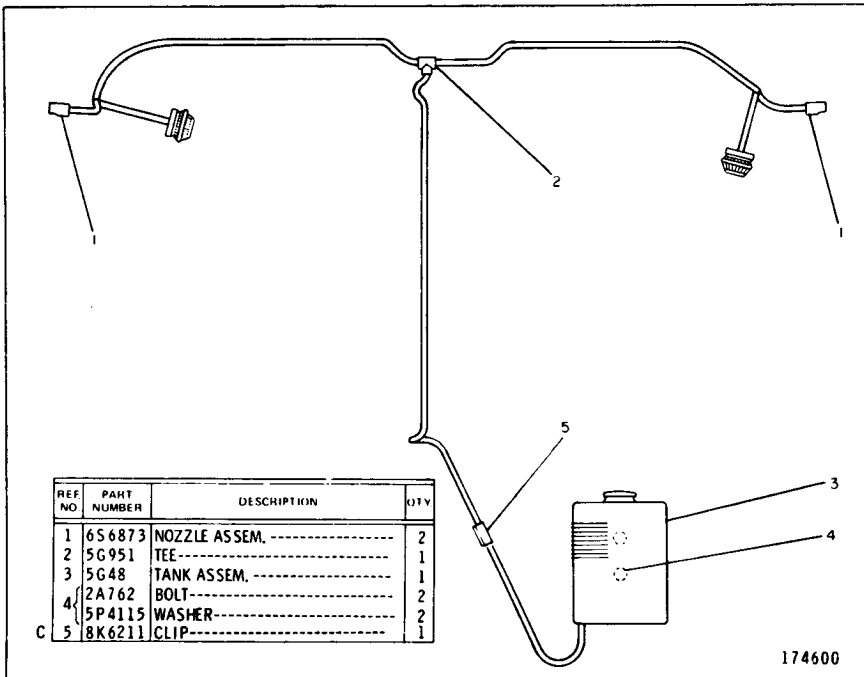


229528

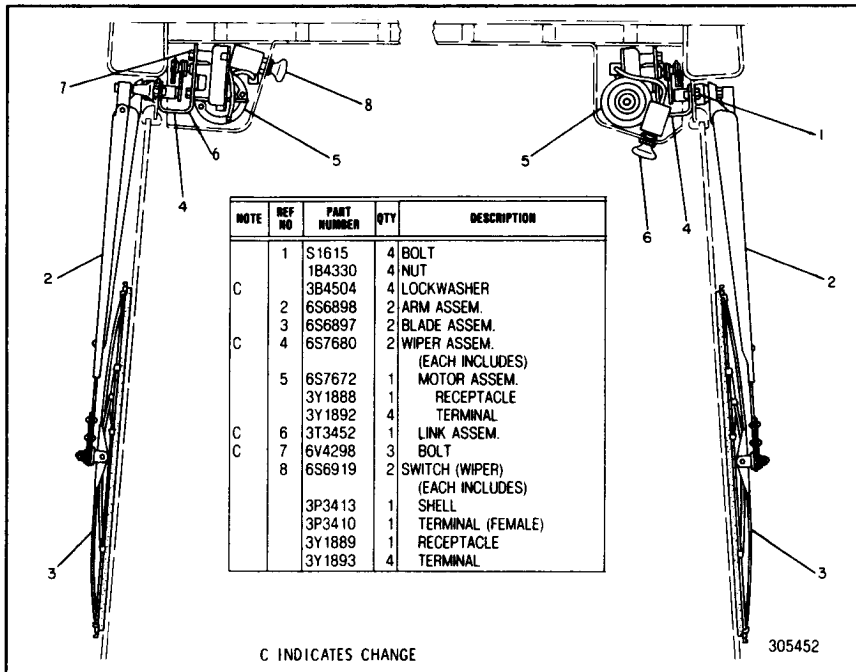
7V9506 SEAT BELT GROUP—Type 1
 Part of 6S3626 Suspension Seat Group shown on Page 209B
 AN ATTACHMENT



3V7111 BELT GROUP
Part of 8K9002 Belt Group shown on Page 211
AN ATTACHMENT



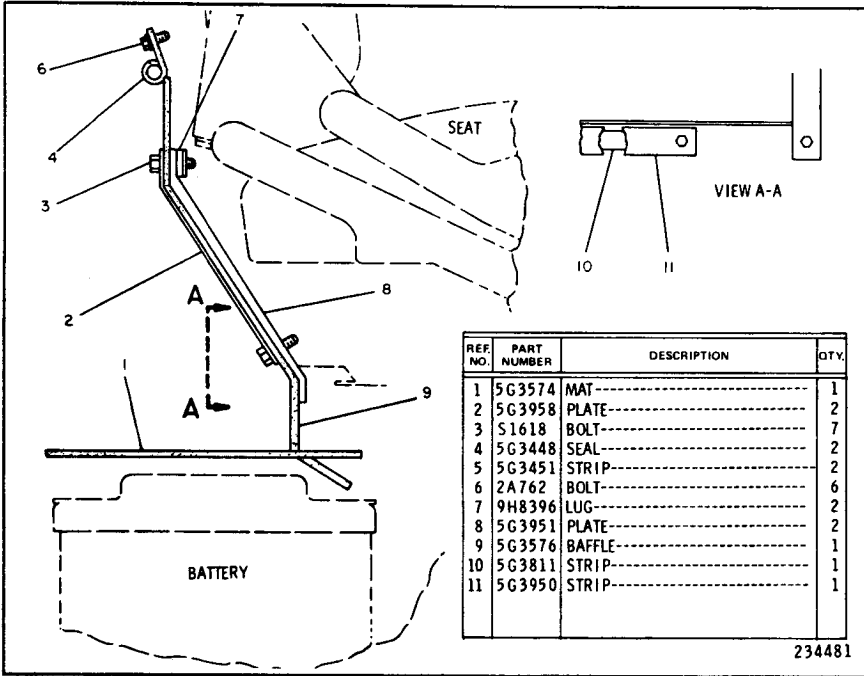
5G49 WINDSHIELD WASHER GROUP
Part of 5G1 ROPS Group listed on Page 193
AN ATTACHMENT



5G974 WIPER GROUP
Part of 5G1 ROPS Group listed on Page 193
AN ATTACHMENT

CONSISTS OF:			PAGE
1	5G2356	HOOD AND GUARD GROUP	102
	- OR -		
1	5G3894	HOOD AND GUARD GROUP	101B
1	5G2362	FIREWALL LINER GROUP	99
1	6S9697	RADIATOR GUARD GROUP	103
1	5G2925	SOUND SUPPRESSION GROUP	213B
1	4N5202	MUFFLER GROUP	278
1	8N4077	RADIATOR GROUP	21A
1	.....	FORM 02472	

5G2355 SOUND SUPPRESSION ARRANGEMENT—80 Decibels at 7m
AN ATTACHMENT

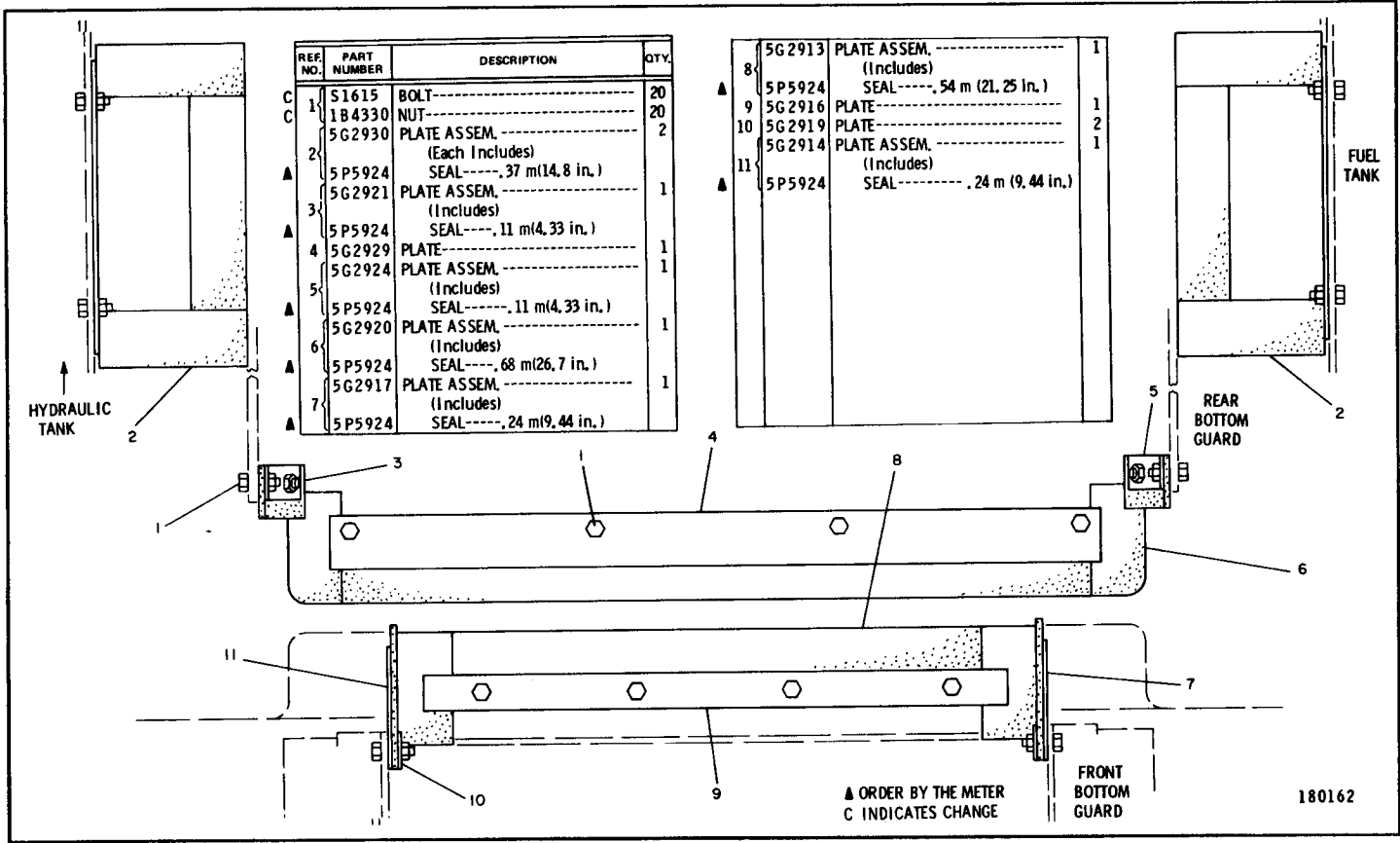


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G3574	MAT-----	1
2	5G3958	PLATE-----	2
3	S1618	BOLT-----	7
4	5G3448	SEAL-----	2
5	5G3451	STRIP-----	2
6	2A762	BOLT-----	6
7	9H8396	LUG-----	2
8	5G3951	PLATE-----	2
9	5G3576	BAFFLE-----	1
10	5G3811	STRIP-----	1
11	5G3950	STRIP-----	1

234481

**5G3575 SOUND SUPPRESSION GROUP
AN ATTACHMENT**

5G2925 SOUND SUPPRESSION GROUP
 Part of 5G2355 Sound Suppression Arrangement listed on Page 213
 AN ATTACHMENT



CAB, GAUGES AND ACCESSORIES

213B

▲ ORDER BY THE METER
 C INDICATES CHANGE

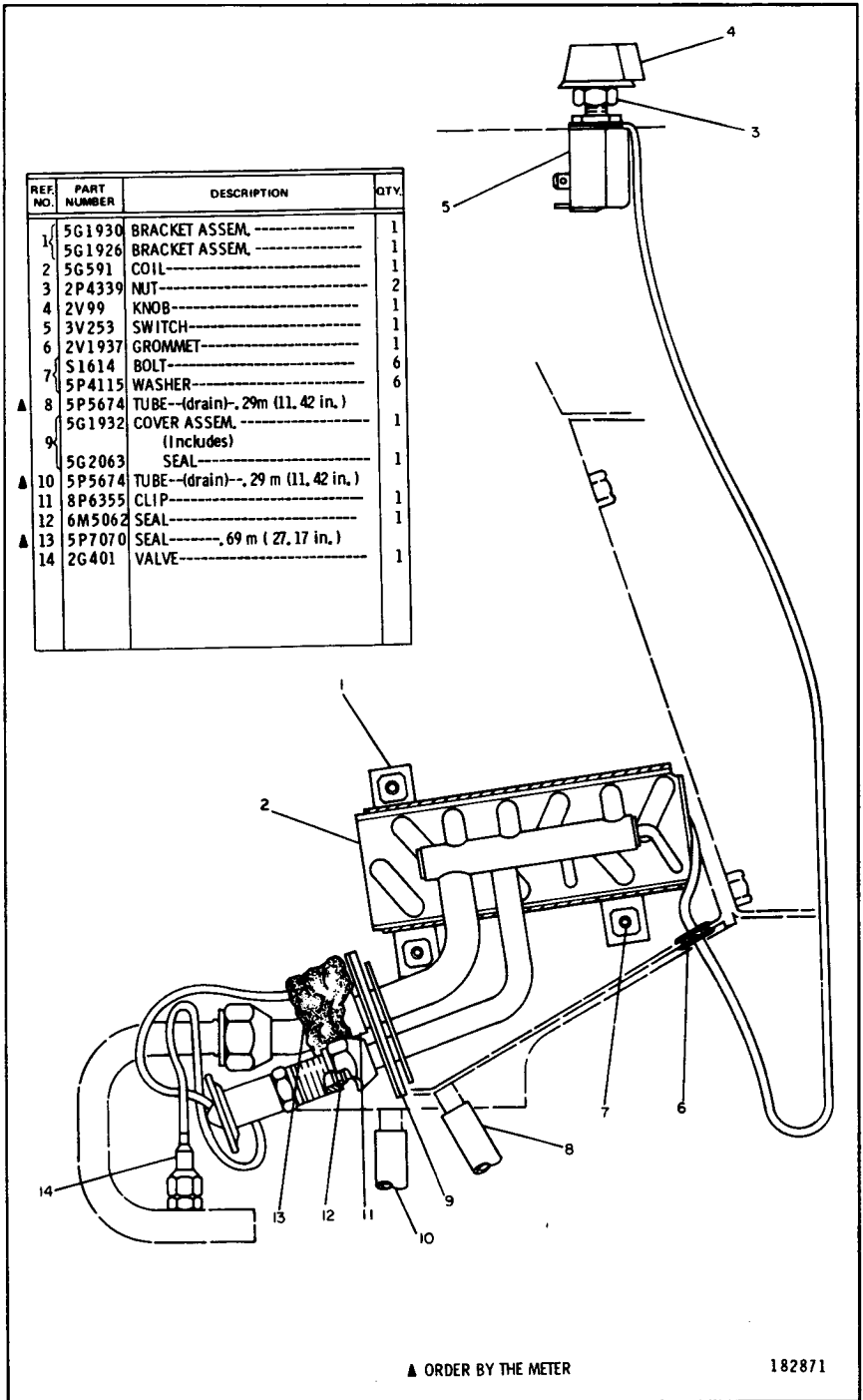
180162

CONSISTS OF:		PAGE
1	5G97 AIR CONDITIONER GROUP	213D
1	5G537 CAB HEATER GROUP	213F
1	5G1112 AIR CONDITIONER LINES GROUP	213E
1	7N5596 AIR CONDITIONER ARRANGEMENT	213C
1	6S6166 RADIATOR HINGED GUARD GROUP	104

**5G596 AIR CONDITIONER ARRANGEMENT
AN ATTACHMENT**

CONSISTS OF:		PAGE
1	4N2220 SUCTION FAN GROUP	22A
1	7N4596 REFRIGERANT COMPRESSOR GROUP	213H
1	7N4677 MOUNTING CONDENSER GROUP	213G
1	8N4078 RADIATOR ASSEMBLY	
CONSISTS OF:		
1	8N4127 CORE ASSEMBLY	
- OR -		
1	8N4077 RADIATOR GROUP	21A

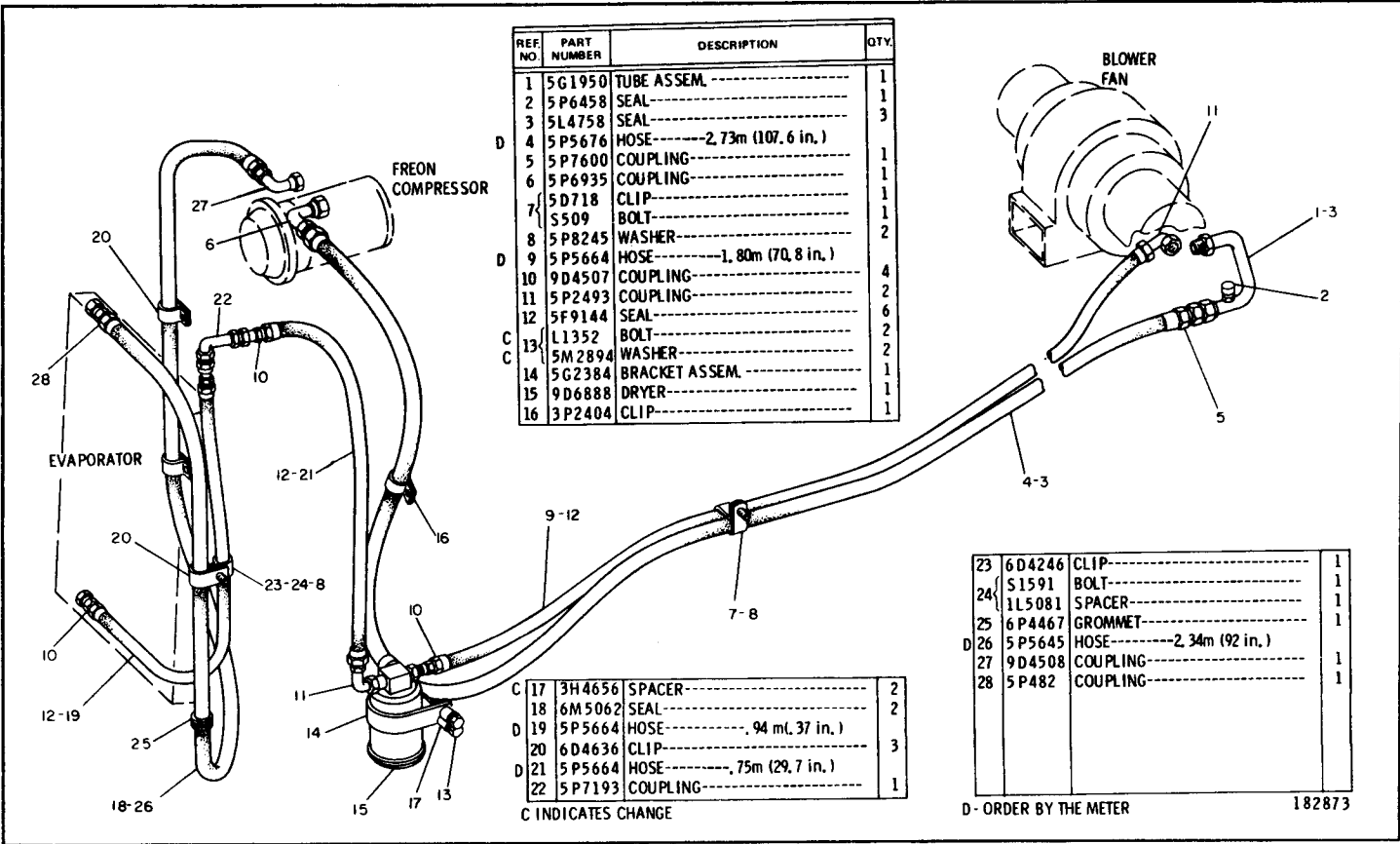
**7N5596 AIR CONDITIONER ARRANGEMENT—Engine Parts
Part of 5G596 Air Conditioner Arrangement listed on Page 213C
AN ATTACHMENT**



▲ ORDER BY THE METER

182871

5G97 AIR CONDITIONER GROUP
 Part of 5G596 Air Conditioner Arrangement listed on Page 213C
 AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G1950	TUBE ASSEM. -----	1
2	5P6458	SEAL -----	1
3	5L4758	SEAL -----	3
D 4	5P5676	HOSE -----2,73m (107,6 in.)	1
5	5P7600	COUPLING -----	1
6	5P6935	COUPLING -----	1
7	5D718	CLIP -----	1
	S509	BOLT -----	1
8	5P8245	WASHER -----	2
D 9	5P5664	HOSE -----1,80m (70,8 in.)	1
10	9D4507	COUPLING -----	4
11	5P2493	COUPLING -----	2
12	5F9144	SEAL -----	6
C 13	L1352	BOLT -----	2
C 14	5M2894	WASHER -----	2
15	5G2384	BRACKET ASSEM. -----	1
16	9D6888	DRYER -----	1
	3P2404	CLIP -----	1

23	6D4246	CLIP -----	1
24	51591	BOLT -----	1
	1L5081	SPACER -----	1
25	6P4467	GROMMET -----	1
D 26	5P5645	HOSE -----2,34m (92 in.)	1
27	9D4508	COUPLING -----	1
28	5P482	COUPLING -----	1

C 17	3H4656	SPACER -----	2
18	6M5062	SEAL -----	2
D 19	5P5664	HOSE -----,94 m(.37 in.)	1
20	6D4636	CLIP -----	3
D 21	5P5664	HOSE -----,75m (29,7 in.)	1
22	5P7193	COUPLING -----	1

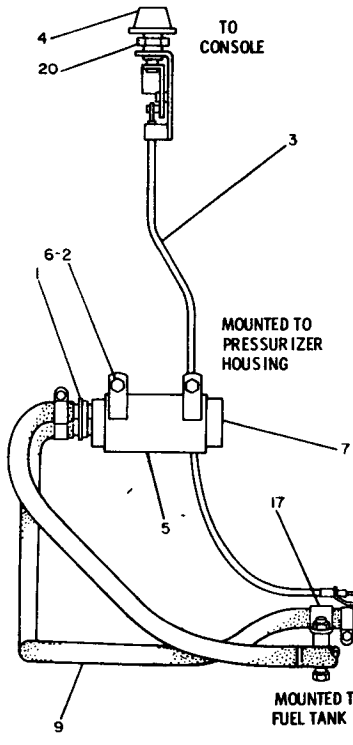
C INDICATES CHANGE

D - ORDER BY THE METER

182873

5G1112 AIR CONDITIONER LINES GROUP
 Part of 5G596 Air Conditioner Arrangement listed on Page 213C
AN ATTACHMENT

5G537 CAB HEATER GROUP—Type 1
 Also part of 5G596 Air Conditioner Arrangement listed on Page 213C
 AN ATTACHMENT

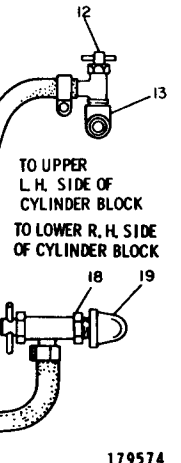


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G127	COVER ASSEM. (Includes)	1
▲ 1	3P5922	SEAL-----,045 m(1.77 in.)	1
2	51614	BOLT-----	4
2	5P4115	WASHER-----	4
3	5G2416	CABLE ASSEM.-----	1
4	2V99	KNOB-----	1
5	5G1920	BRACKET ASSEM.----- (R. H.)	1
5	5G1923	BRACKET ASSEM.----- (L. H.)	1
6	9F6445	NUT-----	2
7	5G592	COIL-----	1
8	5D1026	CLAMP-----	1
C ■ 9	5P767	HOSE-----130 cm(51 in.)	6

▲ ORDER BY THE METER
 ■ ORDER BY THE CENTIMETER

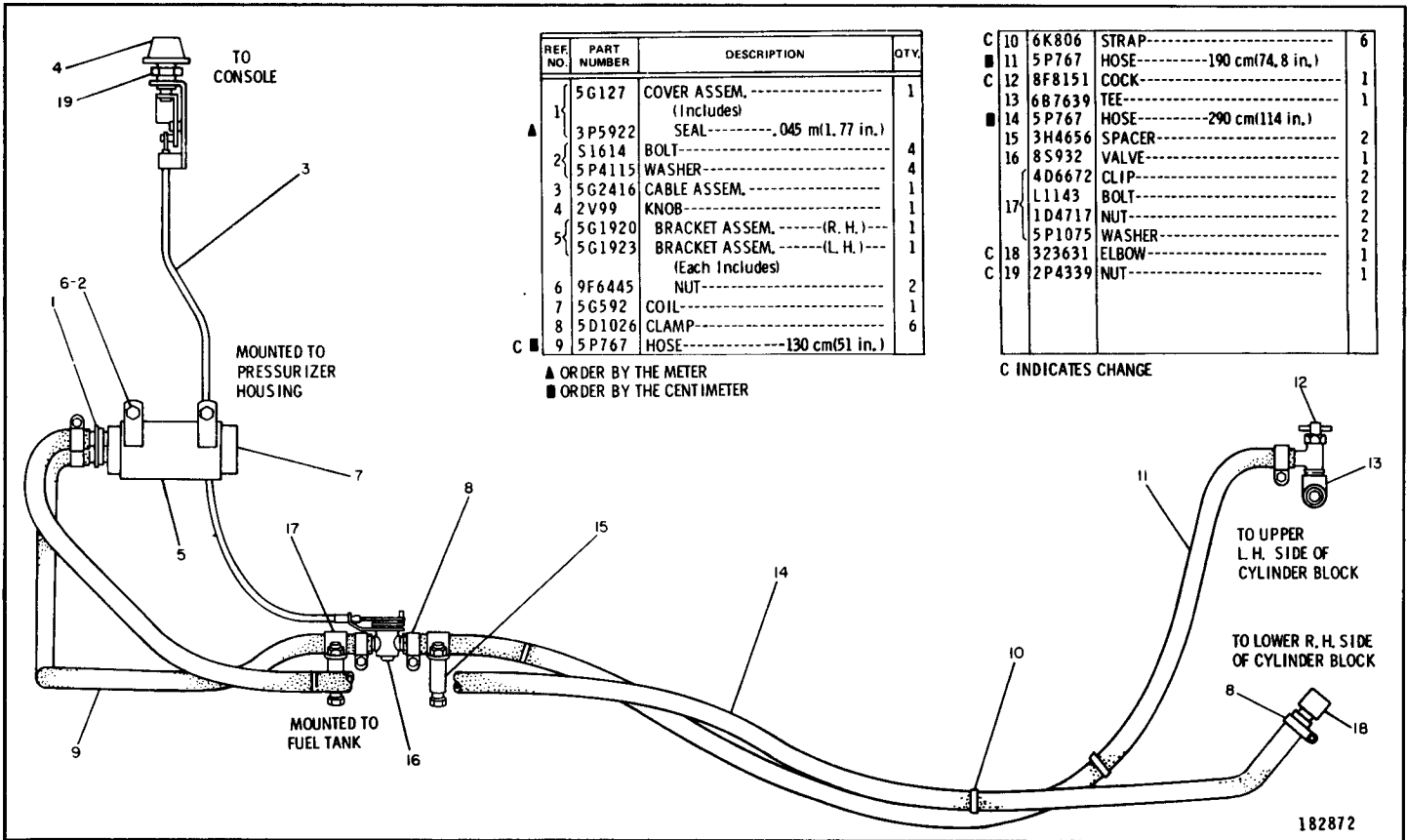
C 10	6K806	STRAP-----	6
■ 11	5P767	HOSE-----190 cm(74.8 in.)	2
12	8F8151	COCK-----	2
13	6B7639	TEE-----	1
■ 14	5P767	HOSE-----290 cm(114 in.)	2
15	3H4656	SPACER-----	2
16	8S932	VALVE-----	1
17	4D6672	CLIP-----	2
17	L1143	BOLT-----	2
17	1D4717	NUT-----	2
17	5P1075	WASHER-----	2
C 18	3B7255	BUSHING-----	1
C 19	3B7259	ELBOW-----	1
C 20	2P4339	NUT-----	1

C INDICATES CHANGE



179574

5G537 CAB HEATER GROUP—Type 2
 Also part of 5G596 Air Conditioner Arrangement listed on Page 213C
AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G127	COVER ASSEM.-----	1
1	3P5922	(Includes)	
		SEAL-----0.45 m(1.77 in.)	
2	S1614	BOLT-----	4
2	5P4115	WASHER-----	4
3	5G2416	CABLE ASSEM.-----	1
4	2V99	KNOB-----	1
5	5G1920	BRACKET ASSEM.-----(R. H.)---	1
	5G1923	BRACKET ASSEM.-----(L. H.)---	1
6	9F6445	(Each Includes)	
		NUT-----	2
7	5G592	COIL-----	1
8	5D1026	CLAMP-----	6
9	5P767	HOSE-----130 cm(51 in.)	1

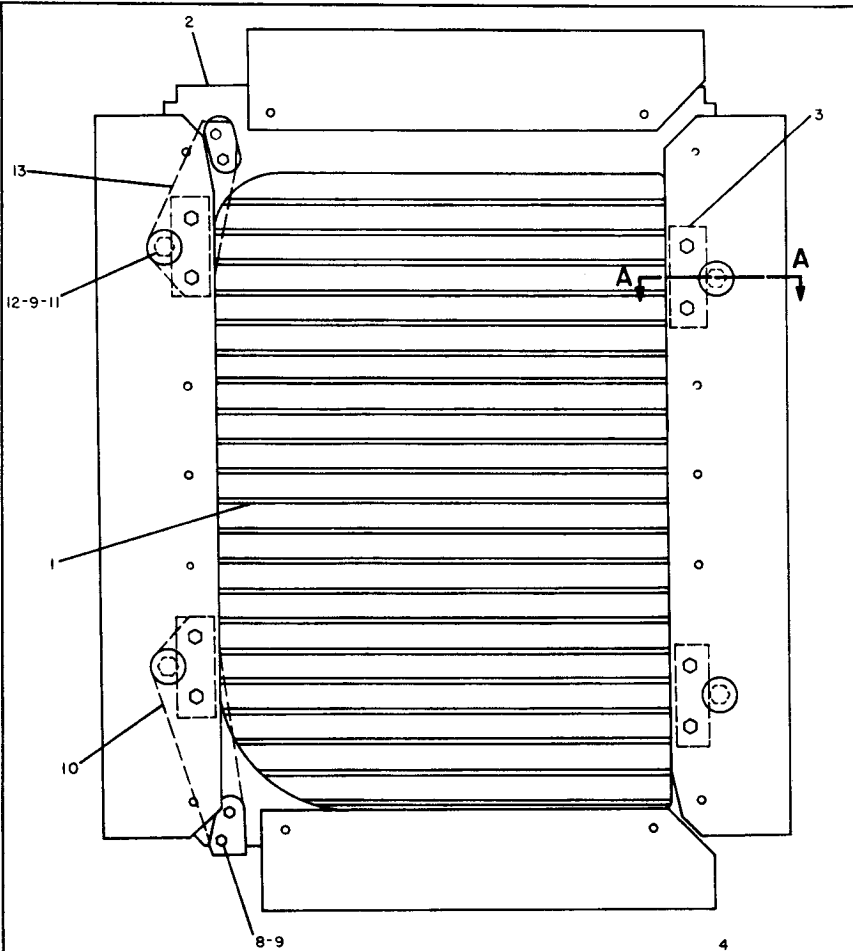
▲ ORDER BY THE METER
 ■ ORDER BY THE CENTIMETER

C 10	6K806	STRAP-----	6
■ 11	5P767	HOSE-----190 cm(74.8 in.)	
C 12	8F8151	COCK-----	1
C 13	6B7639	TEE-----	1
■ 14	5P767	HOSE-----290 cm(114 in.)	
15	3H4656	SPACER-----	2
16	8S932	VALVE-----	1
17	4D6672	CLIP-----	2
	L1143	BOLT-----	2
17	1D4717	NUT-----	2
	5P1075	WASHER-----	2
C 18	323631	ELBOW-----	1
C 19	2P4339	NUT-----	1

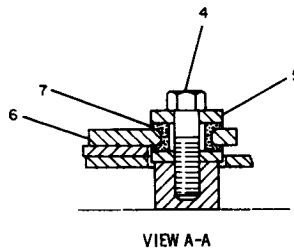
C INDICATES CHANGE

CAB, GAUGES AND ACCESSORIES

213F-2

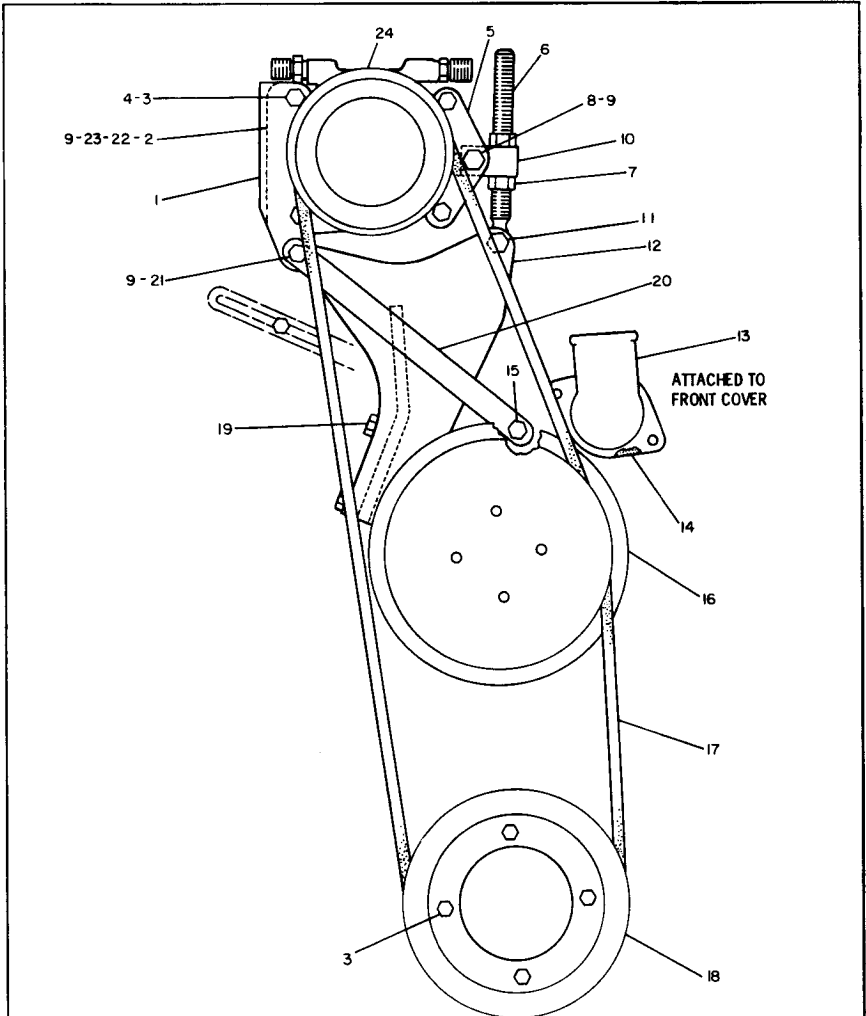


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	7N4465	CONDENSER	1
2	7N5677	BAFFLE ASSEM.	1
3	7N4496	STRIP	4
4	3B1915	BOLT	4
5	8M7145	WASHER	8
6	7N4497	PLATE	2
7	6N8744	GROMMET ASSEM.	4
8	S1618	BOLT	4
9	9M1974	WASHER	12
10	8N7856	PLATE	1
11	1F5842	BOLT	8
	8F9836	WLG.	4
12	7N4495	BUSHING	2
13	8N7855	PLATE	1



231127

7N4677 MOUNTING CONDENSER GROUP
 Part of 7N5596 Air Conditioner Arrangement listed on Page 213C
 AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	7N4436	BRACKET-----	1
2	7N4666	PLATE-----	1
3	1A2029	BOLT-----	10
4	5M2894	WASHER-----	6
5	7N4739	PLATE-----	1
6	1S4698	ROD-----	1
7	1D4720	NUT-----	2
8	1L1329	BOLT-----	1
	1D4719	NUT-----	1
9	2M849	WASHER-----5mm (.196 in.) thick	4
10	7N4738	BLOCK-----	1
11	S1589	BOLT-----	1
	4D3704	WASHER-----	1
12	1N3039	BRACKET ASSEM.-----	1

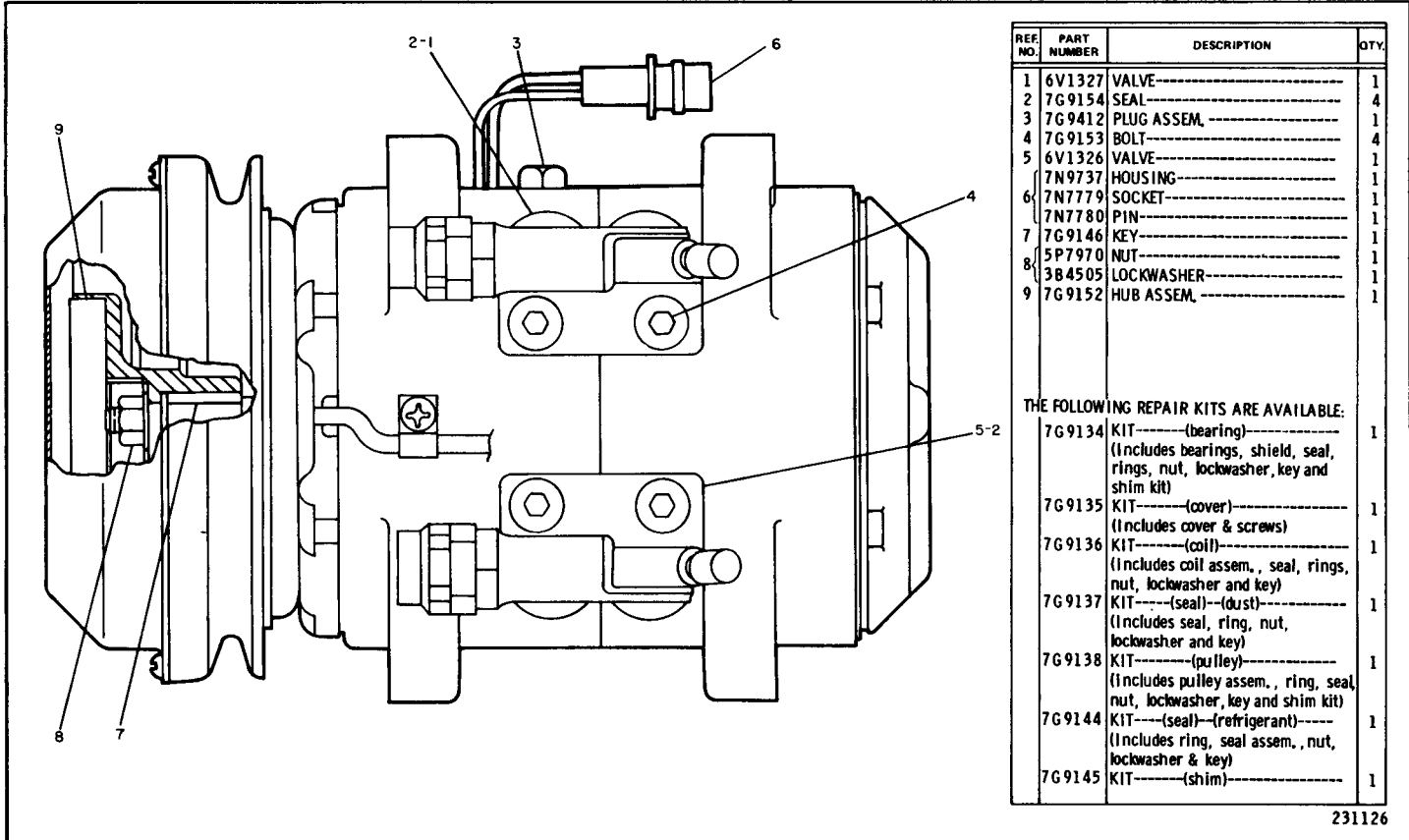
13	7N4616	ELBOW-----	1
14	4N237	GASKET-----	1
15	1A9579	BOLT-----	1
	6D4972	SPACER-----	1
16	8N2816	PULLEY----- (fan drive)	1
17	8N2814	VEE BELT-----	1
18	8N8705	PULLEY----- (crankshaft)	1
19	T320	BOLT-----	1
	5P8244	WASHER-----	3
20	1N3435	STRAP-----	1
21	S1585	BOLT-----	1
22	S1587	BOLT-----	1
23	5P8245	WASHER-----3mm (.118 in.) thick	1
	8N3525	SPACER-----	1
24	7N4660	COMPRESSOR GROUP-----	1

(Separate Illustration)

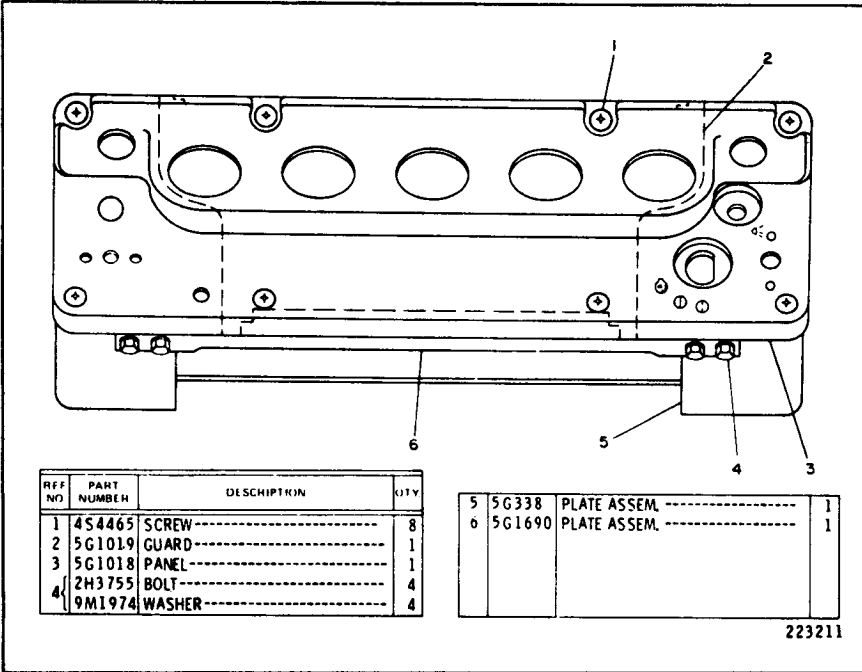
231125

7N4596 REFRIGERANT COMPRESSOR GROUP
 Part of 7N5596 Air Conditioner Arrangement listed on Page 213C
 7N4660 Compressor parts are shown on Page 213K
AN ATTACHMENT

7N4660 CLUTCH AND REFRIGERANT COMPRESSOR GROUP
 Part of 7N4596 Refrigerant Compressor Group shown on Page 213H
 AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	6V1327	VALVE-----	1
2	7G9154	SEAL-----	4
3	7G9412	PLUG ASSEM.-----	1
4	7G9153	BOLT-----	4
5	6V1326	VALVE-----	1
	7N9737	HOUSING-----	1
6	7N7779	SOCKET-----	1
	7N7780	PIN-----	1
7	7G9146	KEY-----	1
8	5P7970	NUT-----	1
	3B4505	LOCKWASHER-----	1
9	7G9152	HUB ASSEM.-----	1
THE FOLLOWING REPAIR KITS ARE AVAILABLE:			
	7G9134	KIT----- (bearing) (Includes bearings, shield, seal, rings, nut, lockwasher, key and shim kit)	1
	7G9135	KIT----- (cover) (Includes cover & screws)	1
	7G9136	KIT----- (coil) (Includes coil assem., seal, rings, nut, lockwasher and key)	1
	7G9137	KIT----- (seal)-(dust) (Includes seal, ring, nut, lockwasher and key)	1
	7G9138	KIT----- (pulley) (Includes pulley assem., ring, seal, nut, lockwasher, key and shim kit)	1
	7G9144	KIT----- (seal)-(refrigerant) (Includes ring, seal assem., nut, lockwasher & key)	1
	7G9145	KIT----- (shim)	1

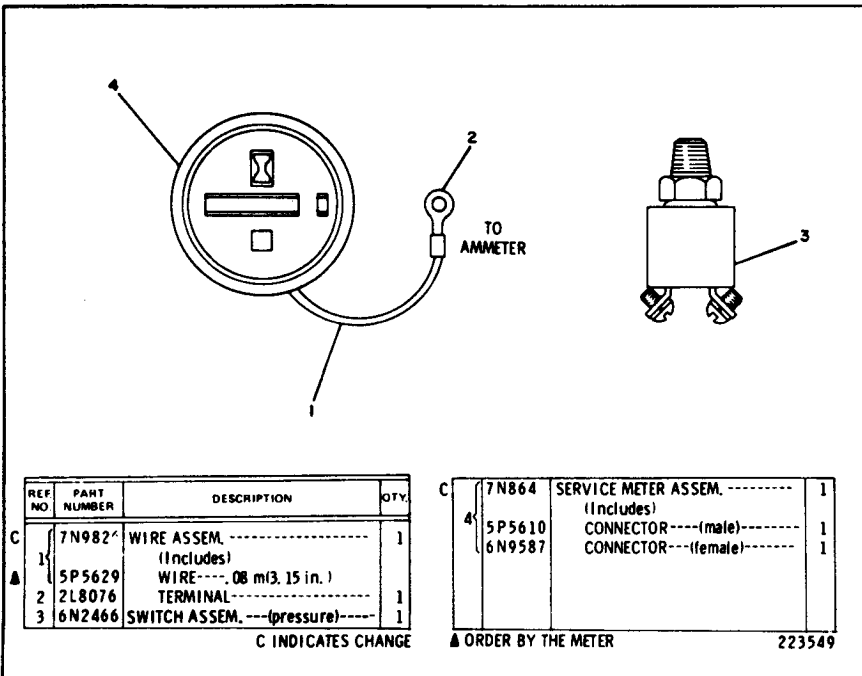


REF NO	PART NUMBER	DESCRIPTION	QTY
1	4S4465	SCREW-----	8
2	5G1019	GUARD-----	1
3	5G1018	PANEL-----	1
4	2H3755	BOLT-----	4
	9M1974	WASHER-----	4

5	5G338	PLATE ASSEM.-----	1
6	5G1690	PLATE ASSEM.-----	1

223211

5G1020 DASH GROUP
Serial No. 23Y1 to 23Y1035 inclusive



REF NO	PART NUMBER	DESCRIPTION	QTY
C 1	7N982	WIRE ASSEM.----- (Includes)	1
	5P5629	WIRE----.08 m(3.15 in.)	1
2	2L8076	TERMINAL-----	1
3	6N2466	SWITCH ASSEM.---(pressure)---	1

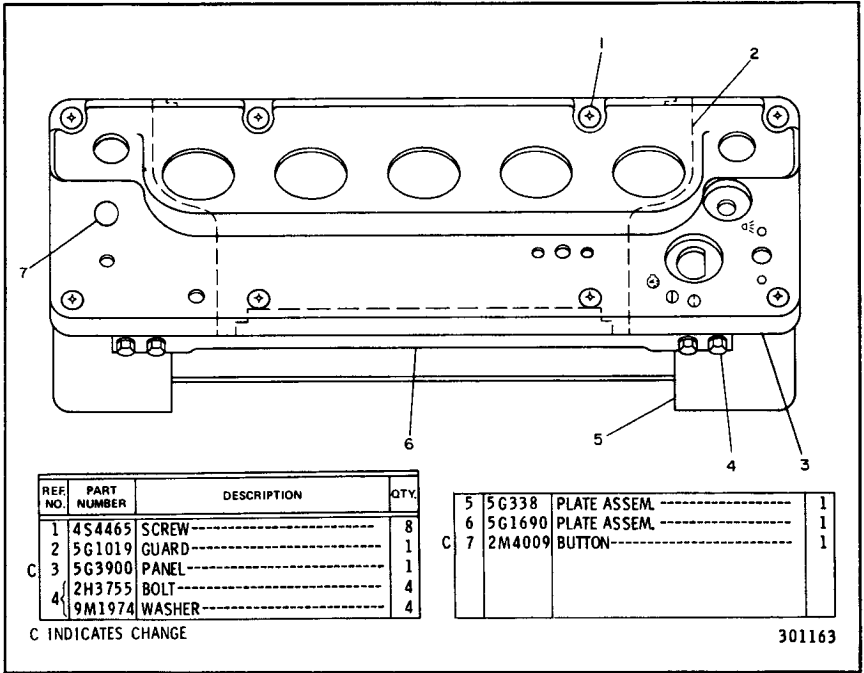
C INDICATES CHANGE

REF NO	PART NUMBER	DESCRIPTION	QTY
C 4	7N864	SERVICE METER ASSEM.----- (Includes)	1
	5P5610	CONNECTOR---(male)-----	1
	6N9587	CONNECTOR---(female)-----	1

▲ ORDER BY THE METER

223549

4N481 ELECTRIC HOUR METER GROUP
Serial No. 23Y1 to 23Y397 inclusive



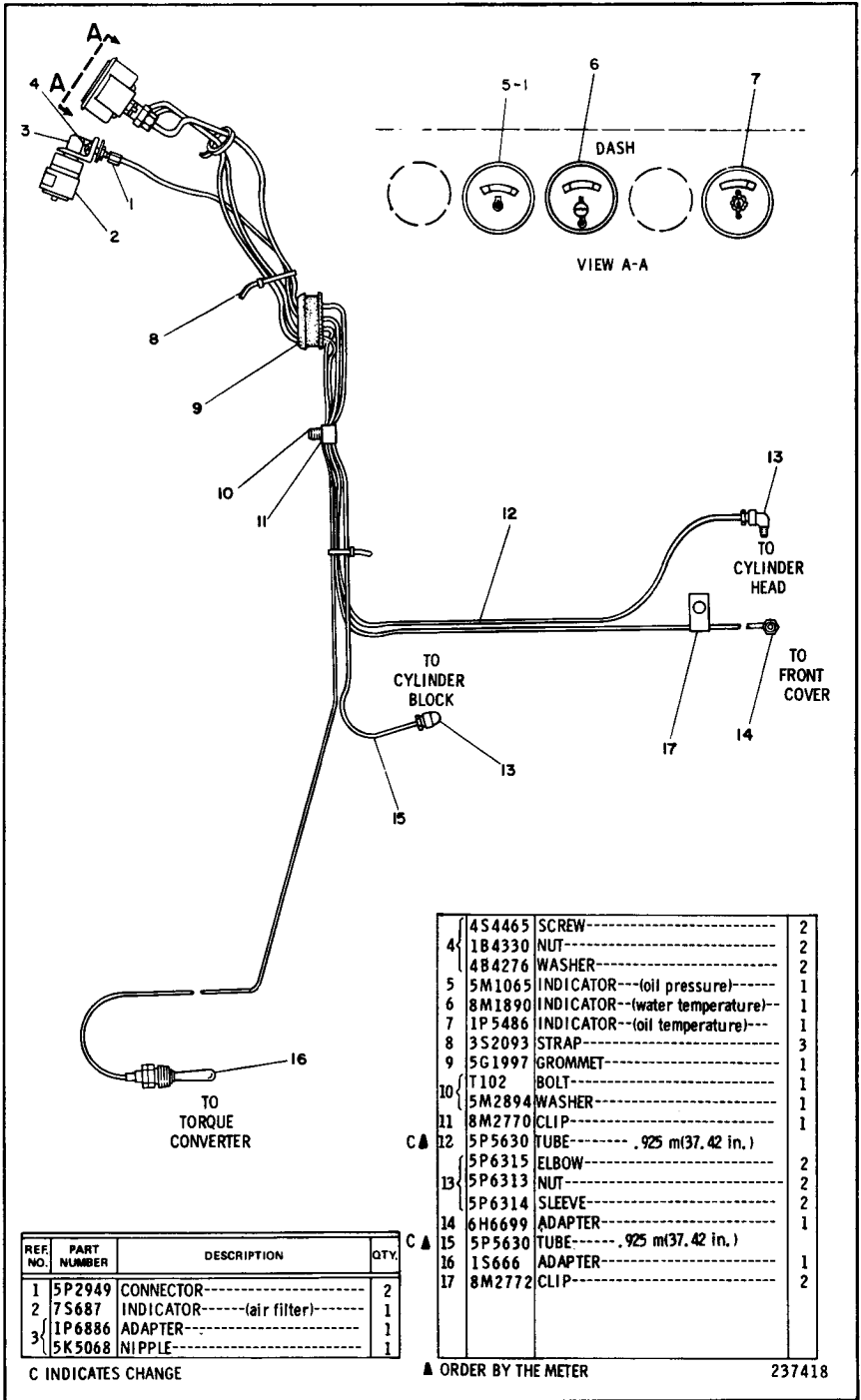
REF NO.	PART NUMBER	DESCRIPTION	QTY.
1	4S4465	SCREW-----	8
2	5G1019	GUARD-----	1
3	5G3900	PANEL-----	1
4	2H3755	BOLT-----	4
	9M1974	WASHER-----	4

5	5G338	PLATE ASSEM.-----	1
6	5G1690	PLATE ASSEM.-----	1
7	2M4009	BUTTON-----	1

C INDICATES CHANGE

301163

5G1020 DASH GROUP
Serial No. 23Y1036—Up



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5P2949	CONNECTOR-----	2
2	7S687	INDICATOR-----(air filter)-----	1
3	1P6886	ADAPTER-----	1
	5K5068	NIPPLE-----	1

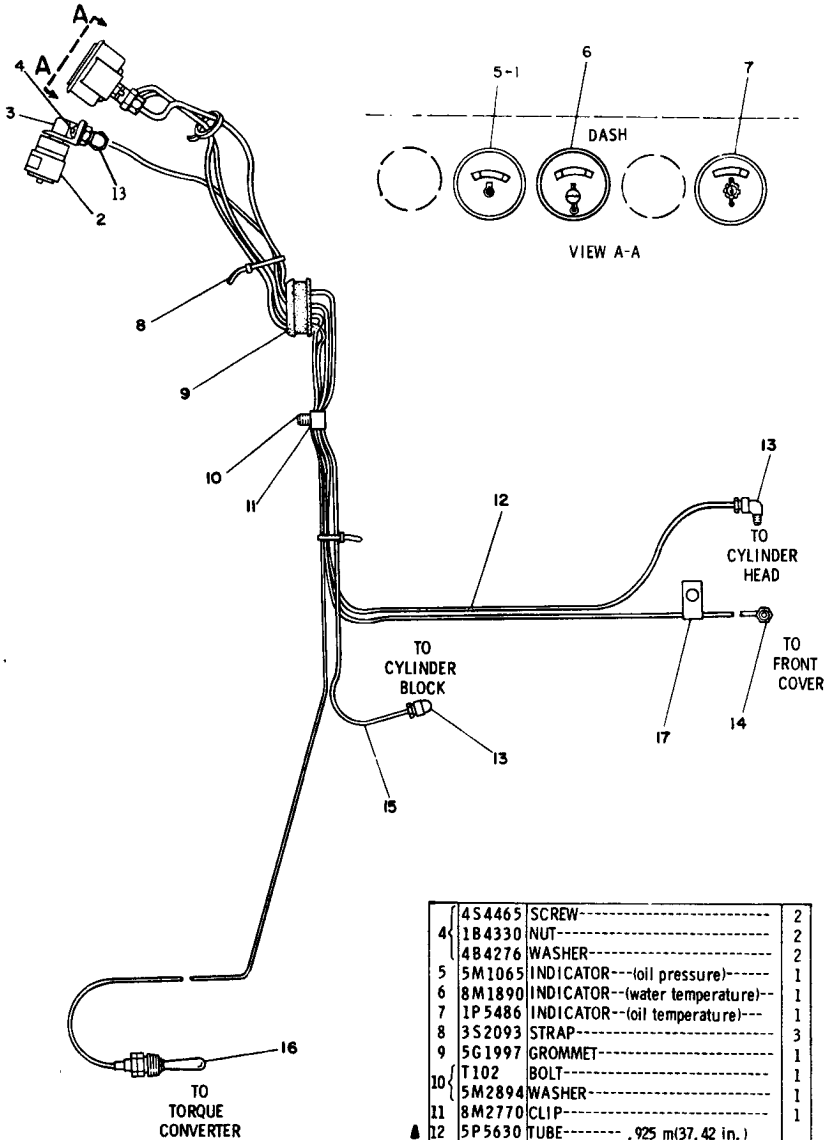
C INDICATES CHANGE

	4S4465	SCREW-----	2
4	1B4330	NUT-----	2
	4B4276	WASHER-----	2
5	5M1065	INDICATOR---(oil pressure)---	1
6	8M1890	INDICATOR---(water temperature)---	1
7	1P5486	INDICATOR---(oil temperature)---	1
8	3S2093	STRAP-----	3
9	5G1997	GROMMET-----	1
10	T102	BOLT-----	1
	5M2894	WASHER-----	1
11	8M2770	CLIP-----	1
C ▲	12	5P5630 TUBE----- .925 m(37.42 in.)	1
		5P6315 ELBOW-----	2
13	5P6313	NUT-----	2
		5P6314 SLEEVE-----	2
14	6H6699	ADAPTER-----	1
C ▲	15	5P5630 TUBE----- .925 m(37.42 in.)	1
	16	1S666 ADAPTER-----	1
	17	8M2772 CLIP-----	2

▲ ORDER BY THE METER

237418

5G142 GAUGE GROUP
Serial No. 23Y1 to 23Y1035 inclusive



4	4S4465	SCREW-----	2
4	1B4330	NUT-----	2
4	4B4276	WASHER-----	2
5	5M1065	INDICATOR---(oil pressure)---	1
6	8M1890	INDICATOR---(water temperature)--	1
7	1P5486	INDICATOR---(oil temperature)---	1
8	3S2093	STRAP-----	3
9	5G1997	GROMMET-----	1
10	T102	BOLT-----	1
10	5M2894	WASHER-----	1
11	8M2770	CLIP-----	1
▲	12	5P5630 TUBE-----, 925 m(37.42 in.)	
C	13	5P6315 ELBOW-----	3
C	13	5P6313 NUT-----	3
C	13	5P6314 SLEEVE-----	3
14	6H6699	ADAPTER-----	1
▲	15	5P5630 TUBE-----, 925 m(37.42 in.)	
16	1S666	ADAPTER-----	1
17	8M2772	CLIP-----	2

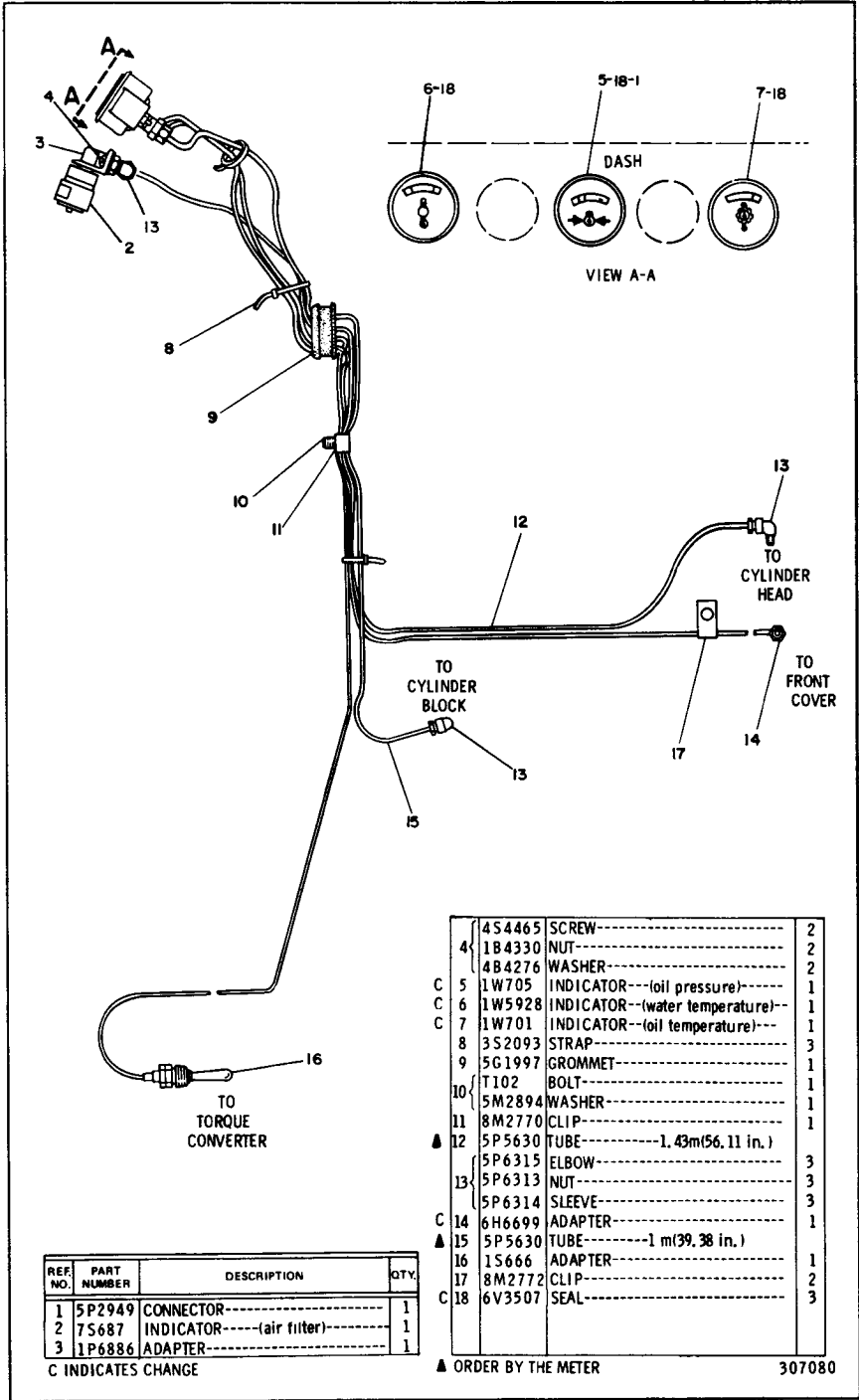
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
C 1	5P2949	CONNECTOR-----	1
2	7S687	INDICATOR----- (air filter)	1
3	1P6886	ADAPTER-----	1

C INDICATES CHANGE

▲ ORDER BY THE METER

301164

5G142 GAUGE GROUP
 Serial No. 23Y1036 to 23Y1231 inclusive



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5P2949	CONNECTOR-----	1
2	7S687	INDICATOR----- (air filter)-----	1
3	1P6886	ADAPTER-----	1

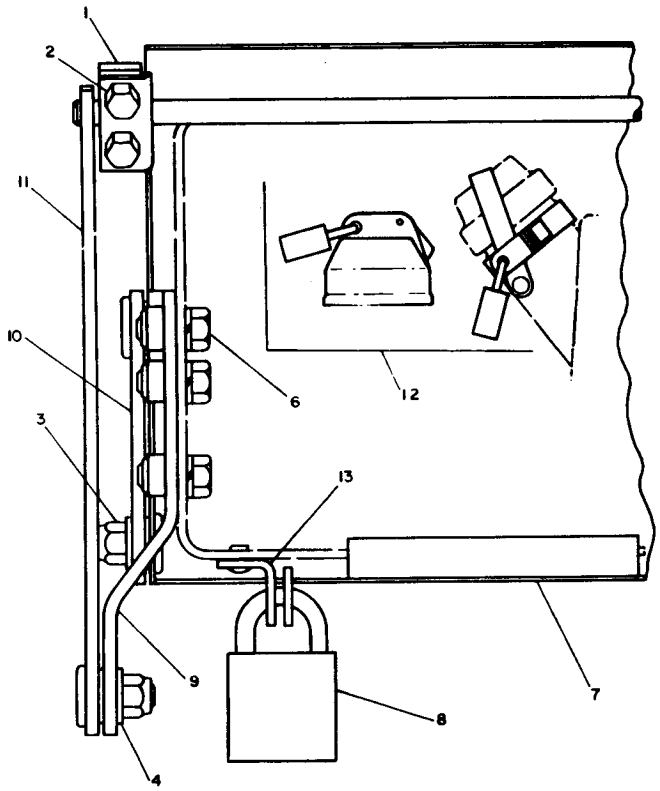
4	4S4465	SCREW-----	2
4	1B4330	NUT-----	2
	4B4276	WASHER-----	2
C 5	1W705	INDICATOR-- (oil pressure)---	1
C 6	1W5928	INDICATOR-- (water temperature)---	1
C 7	1W701	INDICATOR-- (oil temperature)---	1
8	3S2093	STRAP-----	3
9	5G1997	GROMMET-----	1
	T102	BOLT-----	1
10	5M2894	WASHER-----	1
11	8M2770	CLIP-----	1
▲ 12	5P5630	TUBE----- 1.43m (56.11 in.)	
	5P6315	ELBOW-----	3
13	5P6313	NUT-----	3
	5P6314	SLEEVE-----	3
C 14	6H6699	ADAPTER-----	1
▲ 15	5P5630	TUBE----- 1 m (39.38 in.)	
16	1S666	ADAPTER-----	1
17	8M2772	CLIP-----	2
C 18	6V3507	SEAL-----	3

C INDICATES CHANGE

▲ ORDER BY THE METER

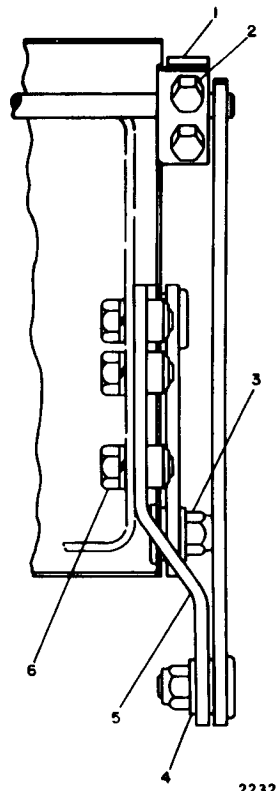
307080

5G142 GAUGE GROUP
Serial No. 23Y1232—Up



REF NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G962	BLOCK-----	2
	5G963	BLOCK----- (tapped)	2
	S1615	BOLT-----	4
2	3B4504	LOCKWASHER-----	4
	2K4973	LOCKNUT-----	6
3	5G979	BUSHING-----	10
	4B4278	WASHER-----	2
4	5G981	BRACKET ASSEM.-----	1
5	S509	BOLT-----	6
6	3B4506	LOCKWASHER-----	6
7	5G961	COVER ASSEM.-----	1
	8S7949	PADLOCK GROUP-----	1
8		(Includes)	
	8M439	KEY-----	2
9	5G978	BRACKET ASSEM.-----	1
10	5G968	ARM ASSEM.-----	2
11	5G966	ARM ASSEM.-----	1
12	6S9980	PROTECTION GROUP----- (Separate Illustration)	1
13	5G2244	PLATE-----	1
	9M5733	RIVET-----	2

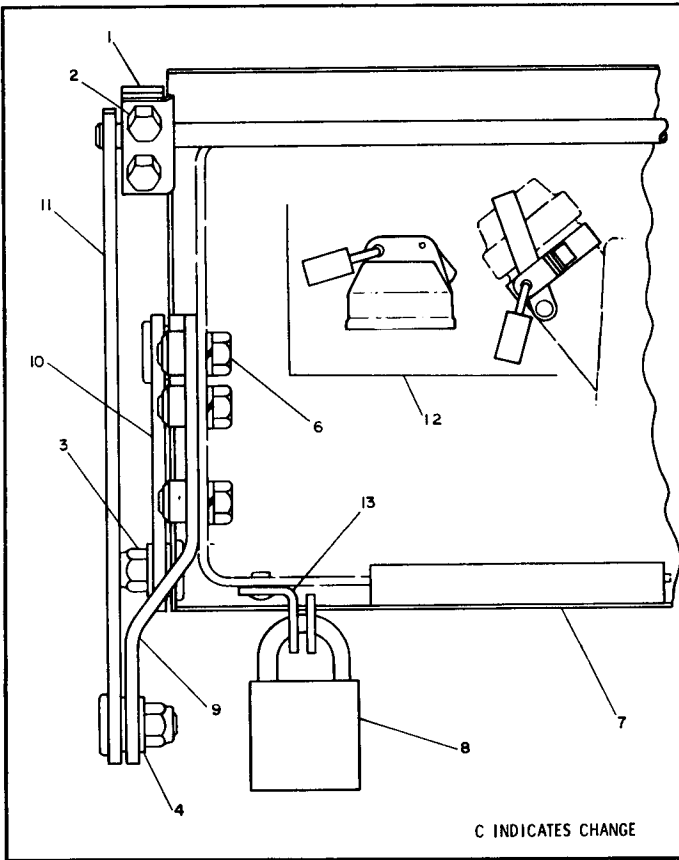
▲ NOT PART OF 5G949 GUARD GROUP



223254

5G949 VANDALISM GUARD GROUP—Type 1
6S9980 Protection parts are shown on Page 40
AN ATTACHMENT

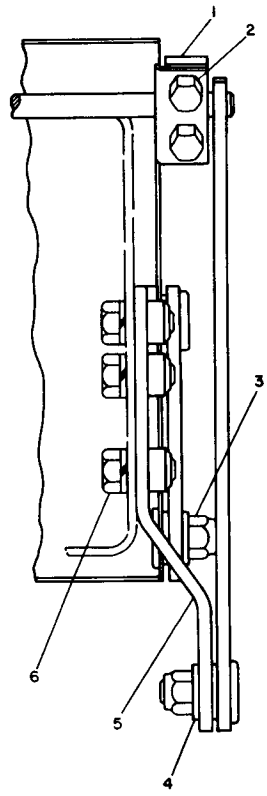
5G949 VANDALISM GUARD GROUP—Type 2
6S9980 Protection parts are shown on Page 40
AN ATTACHMENT



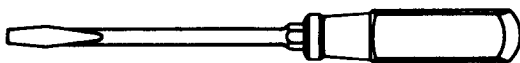
C INDICATES CHANGE

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5G962	BLOCK-----	2
	5G963	BLOCK----- (tapped)	2
2	51615	BOLT-----	4
	3B4504	LOCKWASHER-----	4
3	2K4973	LOCKNUT-----	6
	5G979	BUSHING-----	10
4	4B4278	WASHER-----	2
	5G981	BRACKET ASSEM.-----	1
6	5509	BOLT-----	6
	3B4506	LOCKWASHER-----	6
7	5G961	COVER ASSEM.-----	1
	5P8502	PADLOCK GROUP-----	1
8	(includes)		
	5P8500	KEY-----	2
9	5G978	BRACKET ASSEM.-----	1
10	5G968	ARM ASSEM.-----	2
11	5G966	ARM ASSEM.-----	1
12	6S9980	PROTECTION GROUP----- (Separate Illustration)	1
13	5G2244	PLATE-----	1
	9M5733	RIVET-----	2

▲ NOT PART OF 5G949 GUARD GROUP



3P2244 HAND TOOL GROUP
 8F9866 Grease Gun parts are shown on Page 218
 AN ATTACHMENT



1F1157 SCREWDRIVER



2P8250 STRAP WRENCH ASSEM.



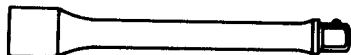
8H8508 WRENCH (9/16 in. Opening)
 8H8505 WRENCH (3/8 in. Opening)
 8H8511 WRENCH (3/4 in. Opening)



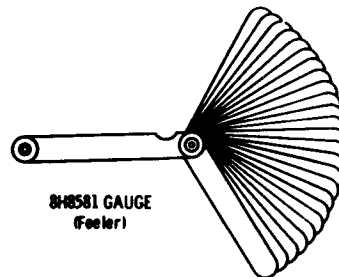
5S9566 WRENCH



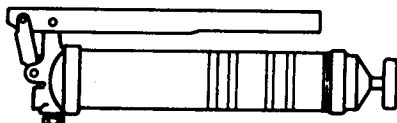
8H8549 SOCKET (9/16 in. Opening)
 8H8556 SOCKET (1 in. Opening)



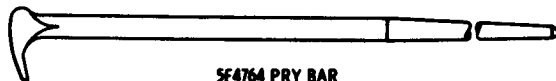
5S9567 EXTENSION



8H8581 GAUGE
 (Feeler)



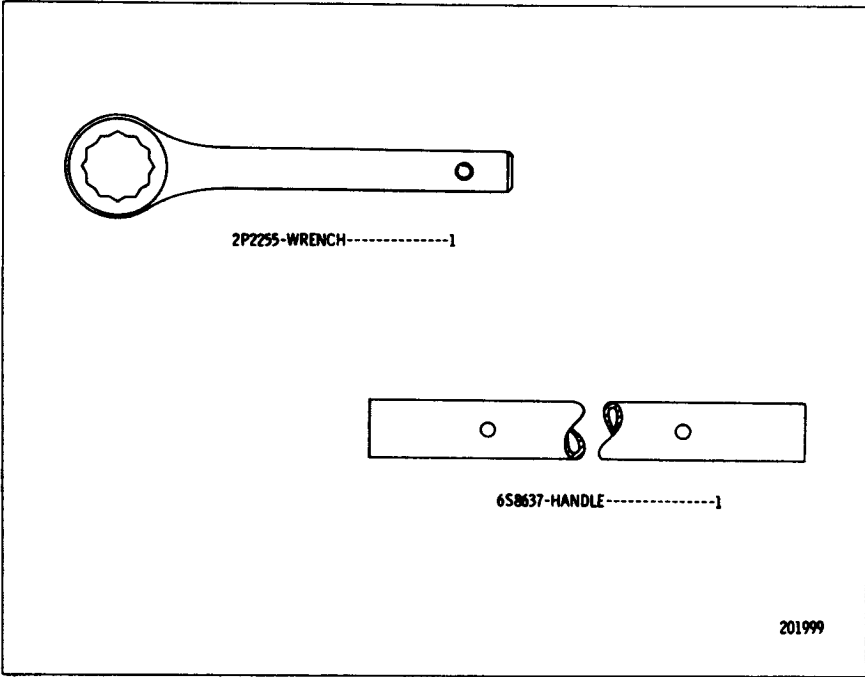
8F9866 GREASE GUN (Lever)
 (Separate Illustration)



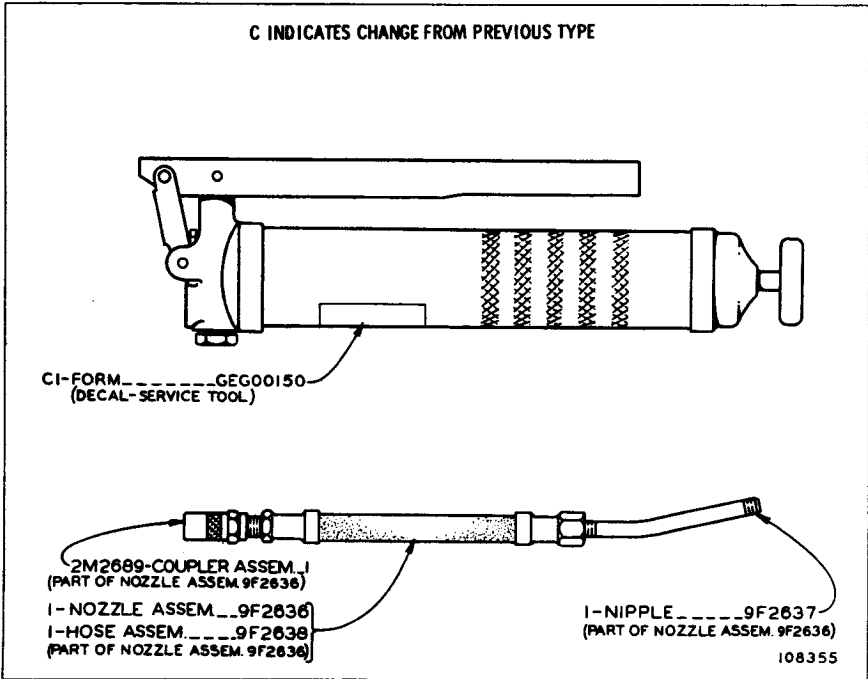
5F4764 PRY BAR

116872

CATERPILLAR D3B TRACTOR



6S8638 TOOL GROUP
Part of 6S9400 Backhoe Arrangement listed on Page 171



8F9866 GREASE GUN
Part of 3P2244 Hand Tool Group shown on Page 217
AN ATTACHMENT

5P9944 VALVE GRINDING
SERIAL No. 45V21898 TO 45V32893 INCLUSIVE

- OR -

6V6443 VALVE GRINDING--COMPLETE CYLINDER HEAD
SERIAL No. 45V32894--UP

5P9945 CENTRAL AND LOWER STRUCTURE
SERIAL No. 45V21898 TO 45V32893 INCLUSIVE

- OR -

6V6444 CENTRAL AND LOWER STRUCTURE
SERIAL No. 45V32894--UP

5P9946 FRONT STRUCTURE
SERIAL No. 45V21898 TO 45V32893 INCLUSIVE

- OR -

6V6445 FRONT STRUCTURE
SERIAL No. 45V32894--UP

5P9947 REAR STRUCTURE
SERIAL No. 45V21898 TO 45V32893 INCLUSIVE

- OR -

6V2590 REAR STRUCTURE
SERIAL No. 45V32894--UP

5P9948 FUEL SYSTEM
SERIAL No. 45V21898 TO 45V32893 INCLUSIVE

- OR -

6V4720 FUEL SYSTEM
SERIAL No. 45V32894--UP

6V2213 HYDRAULIC CONTROL

6V2217 PLANETARY TRANSMISSION

6V2220 TRANSFER GEAR

GASKET KITS

QUANTITY USED	PART NUMBER	DESCRIPTION
1	5A3382	PLATE--SERIAL NUMBER (VEHICLE) ON TOP OF BEVEL GEAR CASE UNDER SEAT
1	5A3382	PLATE--SERIAL NUMBER (BULLDOZER) ON BACK OF BLADE ASSEMBLY NEAR TOP
1	5A3382	PLATE--SERIAL NUMBER (RIPPER) ON CARRIAGE ASSEMBLY AT REAR R.H. SIDE
1	3N3790	PLATE--SERIAL NUMBER (ENGINE) ON TOP REAR L.H. SIDE OF CYLINDER BLOCK
1	5P2914	PLATE--SERIAL NUMBER (BACKHOE) FIXED PIVOT-ON FRONT TO LEFT OF TOP HITCH PIN DOWN FROM TOP PLATE SIDESHIFT-CENTERED BETWEEN TOP & BOTTOM RAILS ON REINFORCING PLATE
1	5P9466	PLATE--WARNING (UNIVERSAL) CENTERED ON LOWER PANEL OF DASH
1	5P9466	PLATE--WARNING--UNIVERSAL (BACKHOE) ON REAR OF CONTROL CONSOLE
1	6V1720	PLATE--SERIAL NUMBER (TRANSMISSION) ON TRANSMISSION
1	6V1721	PLATE--SERIAL NUMBER (MASTER) ON OUTSIDE OF R.H. PLATE OF FIREWALL ASSEMBLY
2	4B4158	DRIVE SCREW
16	7B3028	DRIVE SCREW
1	2P931	FILM--CAT (BACKHOE) ON FRONT OF CONTROL CONSOLE
1	5P1107	FILM--HYDRAULIC SYSTEM--CAUTION (BACKHOE) ON L.H. SIDE OF CONTROL CONSOLE
1	5P1108	FILM--CAUTION (BACKHOE) ON TOP OF CONTROL CONSOLE
1	5P1109	FILM--CAUTION (BACKHOE) ON FRONT OF SLIDING FRAME--L.H. SIDE
1	5P1111	FILM--LUBRICATION (BACKHOE) SERIAL No. 87U755--UP & 88U594--UP ON R.H. SIDE OF CONTROL CONSOLE

QUANTITY USED	PART NUMBER	DESCRIPTION
1	5P2215	FILM--WARNING (BACKHOE) ON LOWER R.H. SIDE OF SWING FRAME
1	5P4910	FILM--CAUTION TO LEFT OF START SWITCH ON DASH
1	5P5541	FILM--WARNING--CLEARANCE (BACKHOE) ON TOP OF CONTROL CONSOLE
1	5P9154	FILM--LUBRICATION ON L.H. SIDE OF OPERATOR STATION ON OUTSIDE OF TRANSMISSION & GOVERNOR CONTROL CONSOLE
2	8S3922	FILM--CORPORATE SYMBOL ON L.H. SIDE OF FUEL TANK & R.H. SIDE OF HYDRAULIC TANK
2	8S3942	FILM--CATERPILLAR (BACKHOE) ON L.H. & R.H. OF BOOM
2	6V2638	FILM--D3B ON L.H. SIDE OF FUEL TANK & R.H. SIDE OF HYDRAULIC TANK
1	6V3586	FILM--LUBRICATION (BACKHOE) SERIAL No. 32W1--UP ON R.H. SIDE OF CONTROL CONSOLE
1	6V1246	TRANSFER GROUP CONSISTING OF:
2	.....	FILM--D3B ON SIDE OF HYDRAULIC TANK & FUEL TANK
2	2P931	FILM--CAT ON EACH SIDE OF RADIATOR GUARD
2	2P9743	FILM--CORPORATE SYMBOL ON SIDE OF HYDRAULIC TANK & FUEL TANK
1	2P9744	FILM--CATERPILLAR ON FRONT OF RADIATOR GUARD
1	1S8331	FILM--WARNING--FAN
1	9S774	FILM--CATERPILLAR ON BACK OF FUEL TANK

TORQUE REQUIREMENTS FOR CATERPILLAR BOLTS, NUTS AND TAPERLOCK STUDS

GROUND ENGAGING AND CUTTING EDGE BOLTS AND NUTS

— Round dome shaped head
 Proof Load — 120,000 psi minimum
 Tensile Strength — 150,000 psi minimum
 Hardness — Rockwell C 33 to 39
 Sizes 1/2 thru 5/8



— Seven Radial Dashes —
 Round Dome Shaped Head
 Proof Load — 135,000 psi minimum
 Tensile Strength — 160,000 psi minimum
 Hardness — Rockwell C 36 to 42
 Sizes 3/4 thru 1-1/4



TORQUE REQUIREMENTS FOR PLOW BOLTS

THREAD DIAMETER		STANDARD TORQUE	
inches	millimeters	lb.ft.	N·m
5/8	15.88	195 ± 20	265 ± 25
3/4	19.05	350 ± 50	475 ± 70
7/8	22.22	565 ± 85	765 ± 115
1	25.40	900 ± 110	1220 ± 150
1-1/4	31.75	1500 ± 185	2000 ± 250

GENERAL TIGHTENING TORQUE FOR BOLTS, NUTS AND TAPERLOCK STUDS

The following charts give the standard torque values for bolts, nuts and taperlock studs of SAE Grade 5 or better quality. Exceptions are given in the Service Manuals where needed.



THREAD DIAMETER		STANDARD TORQUE	
inches	millimeters	lb.ft.	N·m

Standard thread



Use these torques for bolts and nuts with standard threads (conversions are approximate).

1/4	6.35	9 ± 3	12 ± 4
5/16	7.94	18 ± 5	25 ± 4
3/8	9.53	32 ± 5	45 ± 7
7/16	11.11	50 ± 10	70 ± 15
1/2	12.70	75 ± 10	100 ± 15
9/16	14.29	110 ± 15	150 ± 20
5/8	15.88	150 ± 20	200 ± 25
3/4	19.05	265 ± 35	360 ± 50
7/8	22.23	420 ± 60	570 ± 80
1	25.40	640 ± 80	875 ± 100
1-1/8	28.58	800 ± 100	1100 ± 150
1-1/4	31.75	1000 ± 120	1350 ± 175
1-3/8	34.93	1200 ± 150	1600 ± 200
1-1/2	38.10	1500 ± 200	2000 ± 275

Use these torques for bolts and nuts on hydraulic valve bodies.

5/16	7.94	13 ± 2	20 ± 3
3/8	9.53	24 ± 2	35 ± 3
7/16	11.11	39 ± 2	50 ± 3
1/2	12.70	60 ± 3	80 ± 4
5/8	15.88	118 ± 4	160 ± 6

Taperlock stud



Use these torques for studs with Taperlock threads.

1/4	6.35	5 ± 2	7 ± 3
5/16	7.94	10 ± 3	15 ± 5
3/8	9.53	20 ± 3	30 ± 5
7/16	11.11	30 ± 5	40 ± 10
1/2	12.70	40 ± 5	55 ± 10
9/16	14.29	60 ± 10	80 ± 15
5/8	15.88	75 ± 10	100 ± 15
3/4	19.05	110 ± 15	150 ± 20
7/8	22.23	170 ± 20	230 ± 30
1	25.40	260 ± 30	350 ± 40
1-1/8	28.58	320 ± 30	400 ± 40
1-1/4	31.75	400 ± 40	550 ± 50
1-3/8	34.93	480 ± 40	650 ± 50
1-1/2	38.10	550 ± 50	750 ± 70



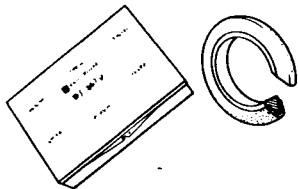
IP2305 ELECTRIC TERMINAL KIT

(Insulated)
(Includes terminals, wire joints
and crimping tool)

9S3138 SEAL KIT

(Includes 28 metal - backed seals)

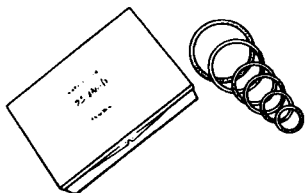
Qty.	Nominal Size	Part No.
2	1/2 inch (1, 27 cm)	5J1583
6	3/4 inch (1, 905 cm)	6J3575
6	1 inch (2, 54 cm)	6J3600
6	1 1/4 inch (3, 175 cm)	6J3625
4	1 1/2 inch (3, 81 cm)	6J3650
4	2 inches (5, 08 cm)	6J3800



9S3135 SEAL KIT

(Includes 60 rubber O-ring seals)

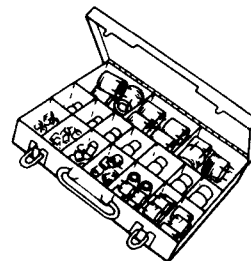
Qty.	Nominal Size	Part No.
10	1/2 inch (1, 27 cm)	4J5140
10	3/4 inch (1, 905 cm)	4J5267
10	1 inch (2, 54 cm)	4J0520
10	1 1/4 inch (3, 175 cm)	4J0522
10	1 1/2 inch (3, 81 cm)	4J0524
10	2 inches (5, 08 cm)	4J0527



THREADED INSERTS KITS

Master (Includes inserts and tools)

	Coarse	Fine	Size
	9S3700	9S3500	Assorted
Repair (Includes inserts and tools)			
	9S3510	9S3509	#10
	9S3512	9S3511	1/4
	9S3514	9S3513	5/16
	9S3618	9S3515	3/8
	9S3620	9S3619	7/16
	9S3622	9S3621	1/2
	9S3624	9S3623	9/16
	9S3626	9S3625	5/8
	9S3628	9S3627	3/4
	9S3630	9S3629	7/8
	9S3632	9S3631	1
	9S3633		1 1/8
	9S3635		1 1/4
	9S3637		1 1/2



Refill (Includes inserts)

9S3674	9S3673	#10
9S3649	9S3639	1/4
9S3650	9S3640	5/16
9S3651	9S3641	3/8
9S3652	9S3642	7/16
9S3653	9S3643	1/2
9S3654	9S3644	9/16
9S3655	9S3645	5/8
9S3656	9S3646	3/4
9S3657	9S3647	7/8
9S3658	9S3648	1
9S3675		1 1/8
9S3677		1 1/4
9S3679		1 1/2

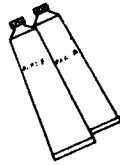


HARDWARE ASSORTMENT KITS

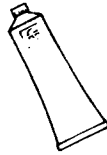
8S7198 Course Thread Hex Nut
8S7197 Fine Thread Hex Nut
8S7196 Lockwasher Assortment
8S7195 Flatwasher Assortment
8S7193 Woodruff Key Assortment



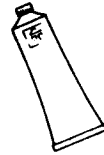
GASKET CEMENT
5H2471 8 oz. (227 g)



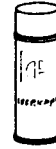
EPOXY CEMENT
5M2941 2 - 2 oz. (57g) Tube



BEARING LUBRICANT
253230 14 1/2 oz. (411 g)



GASKET SEALER
4H5363 11 oz. (312 g)
(fast drying-hard setting)
8H5137 11 oz. (312 g)
(non-hardening)



ANTI-SEIZURE COMPOUND
4S9416 16 oz. (454 g) Aerosol
9M3710 16 oz. (454 g) Paste



GLASS OR PLASTIC CEMENT
3S1831 1 pint (0.473 L)



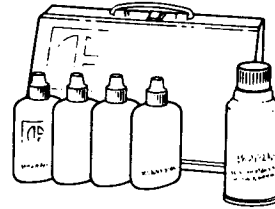
LIQUID GASKET
7M7260 8 oz. (227 g)



SEALING COMPOUND
5S1454 1 pint (0.473 L)



GREASE - SILICONE
4L7464 8 oz. (227 g)



9S3262 SEALANT REPAIR KIT

contains:

Bearing Mount	7M7456	1 2/3 fl. oz. (50 cc)
Thread Lock	9S3263	1 2/3 fl. oz. (50 cc)
Pipe Sealant	9S3264	1 2/3 fl. oz. (50 cc)
Retaining Compound	9S3265	1 2/3 fl. oz. (50 cc)
Quick Cure Primer	8M8060	6 oz. (170 g) Aerosol



CHAIN & CABLE LUBRICANT
9S6106 16 oz. (454 g) Aerosol
2P2737 Case of 12

BELT DRESSING

9S6107 16 oz. (454 g) Aerosol
2P2738 Case of 12

ELECTRO-INSULATION SPRAY

9S6108 16 oz. (454 g) Aerosol
2P2739 Case of 12

PENETRATING OIL

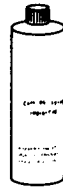
9S6109 16 oz. (454 g) Aerosol
2P2740 Case of 12

BATTERY SAVER & CLEANER

9S6110 16 oz. (454 g) Aerosol
2P2741 Case of 12



GREASE GUN CARTRIDGE
1P808 14 1/2 oz. (411 gms)



COOLING SYSTEM INHIBITOR
3P2043 1 pint (0.473 L)
P0001 1 case of 12
3P2044 1 quart (0.946 L)
P0002 1 case of 12



SILICONE FLUID
8M553 145 cc.
9M5165 150 cc.

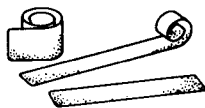


ELECTRICAL TAPE

1P810 (plastic) 2/3" (20mm) width
66 ft. (20m) length
9B4287 (cloth) 3/4" (20mm) width
30 ft. (9M) length
(Plastic tape comes in dispenser.
Cloth tape does not.)



BUTTON PLUGS

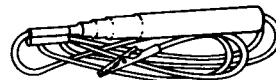


9S8703 ANTI-SKID TREADS

(May be ordered by foot lengths up to
60 feet (18, 30m), width 4" (100mm)



MAGNETIC DRAIN PLUGS



8S4627 CIRCUIT TESTER

(Maximum Capacity: 10 oms)

Hole Diameter		Part Number	Type	Thread Size-Threads Per Inch	Head Inches	A		Part No.
Inches	mm					Inches	mm	
.219	5,6	4L0820	I	5/8 - 11	7/8 Hex	1 3/16	26,9	5K1555
.310	7,9	7L6479	I	5/8 - 18	7/8 Hex	3/4	19,1	2R166
.380	9,7	5L6688	I	7/8 - 14	1 1/8 Hex	1 3/16	30,2	3H4190
.438	11,1	4L0821	I	1 1/8 - 12	1 1/2 Hex	1 1/2	38,1	8M3837
.469	11,9	3D9871	I	1 1/8 - 12	1 1/2 Hex	1 7/8	47,8	2J1559
.484	12,3	8M3839	I	1 1/2 - 12	1 Hex	1 1/2	38,1	8M5576
.500	12,7	3D9872	I	1 1/2 - 12	1 7/8 Hex	1 7/8	47,8	2D8390
.625	15,9	2M4009	II	1/2 - 14	9/16 Sq.	1 1/8	28,5	2F3628
.687	17,5	6K2660	II	3/4	5/8 Sq.	1 1/4	31,8	2H3865
.750	19,0	5K3546	II	7/8 - 14	7/8 Hex	1 5/8	41,3	2R1491
.875	22,2	5H4871	III	1 Std. Pipe Thd.	13/16 Sq.	1 7/16	36,6	2H3864
1.000	25,4	2D3406	III	1 1/4 Std. Pipe Thd.	15/16 Sq.	1 11/16	42,9	2H3863
1.250	31,8	4S6336	III	1 1/4 Std. Pipe Thd.	15/16 Sq.	1 3/8	35,0	7H3664
1.375	34,9	4F8711	IIII	3/4 - 14 Pipe Thd., Fine	1/2 Sq.	1 3/16	30,2	5D1894
1.500	38,1	3L1979	IIII	1 - 11 1/2 Pipe Thd., Fine	1/2 Sq.	1 5/16	33,4	2K744
2.000	50,8	1L6377	IIII	1 1/4 - 11 1/2 Pipe Thd., Fine	3/4 Sq.	13/16	20,6	5S4017
2.250	57,2	7M3248	IIII	2 - 12	3/4 Sq.	1 11/16	42,9	8B6599
2.500	63,5	3L8852						
3.000	76,2	1L6366						

MEMORANDA

MEMORANDA

SPECIFICATIONS

(SUBJECT TO CHANGE WITHOUT NOTICE)

Weight, shipping (approximate)

D3B Tractor (without dozer, ripper, backhoe and hydraulics)	4 840 kg	10,659 lbs.
3P Bulldozer	930 kg	2,055 lbs.
Backhoe:		
Fixed Pivot	1 680 kg	3,700 lbs.
Side Shift	1 810 kg	4,000 lbs.
Ripper (with 3 teeth)	300 kg	660 lbs.

DIMENSIONS

Length:

D3B Tractor (without Bulldozer)	2 740 mm	9'
3P Bulldozer	2 410 mm	95"
Backhoe	2 720 mm	8' 11"
Ripper (behind transmission case):		
Beam raised	810 mm	2' 8"
Beam lowered	640 mm	2' 1.3"

Width:

D3B Tractor (over final drive)	1 790 mm	5' 10.5"
Backhoe	2 130 mm	7'
Ripper	1 580 mm	5' 2"

Height:

D3B Tractor (without stack and ROPS)	1 970 mm	6' 5.5"
Bulldozer Blade	740 mm	2' 5.3"
Backhoe	3 380 mm	11' 1"
Gauge (center to center tracks)	1 420 mm	4' 8"
Ground Clearance	300 mm	11.86"
Drawbar Height	350 mm	13.7"

REFILL CAPACITIES (Approximate)

COMPARTMENT OR SYSTEM	METRIC MEASURE	U.S. MEASURE	IMPERIAL MEASURE
Engine Crankcase	11.3 liters	3 gal.	2.5 gal.
Transmission 3F-1R	17.0 liters	4.5 gal.	3.7 gal.
Bevel Gear	15.1 liters	4 gal.	3.3 gal.
Final Drives Standard Tractor	9.5 liters	2.50 gal.	2 gal.
Fuel Tank	125 liters	33 gal.	27 gal.
Cooling System	22.7 liters	6 gal.	5 gal.
Hydraulic Control System	30.2 liters	8 gal.	6.6 gal.

SERIAL NUMBER PLATE LOCATION

MASTER PLATE — On outside of R.H. plate of firewall assembly.

TRACTOR PLATE — On top of bevel gear case under seat.

ENGINE PLATE — On top rear L.H. side of cylinder block.

TRANSMISSION PLATE — On transmission.

BULLDOZER PLATE — On R.H. side of rear face of moldboard.

RIPPER PLATE — On carriage assembly on rear R.H. side.

BACKHOE PLATE:

 Fixed Pivot — On front and to left of top hitch pin.

 Side Shift — Centered between top and bottom rails on reinforcing plate.

CARACTÉRISTIQUES

(PEUVENT ÊTRE MODIFIÉES SANS PRÉAVIS)

Poids (approx.), en ordre d'expédition

Tracteur D3B (sans bulldozer, ripper, pelle rétro et équipement hydraulique)	4 840 kg
Bulldozer 3P.	930 kg
Pelle rétro :	
Modèle axial.	1 680 kg
Modèle déportable.	1 810 kg
Ripper (avec trois dents).	300 kg

DIMENSIONS

Longueur :

Tracteur D3B (sans bulldozer)	2 740 mm
Bulldozer 3P.	2 410 mm
Pelle rétro	2 720 mm
Ripper (à l'arrière du bâti AR)	
Poutre relevée.	810 mm
Poutre abaissée	640 mm

Largeur :

Tracteur D3B (à l'extérieur des réducteurs latéraux)	1 790 mm
Pelle rétro	2 130 mm
Ripper.	1 580 mm

Hauteur :

Tracteur D3B (sans tuyau d'échappement et bâti de protection ROPS)	1 970 mm
Lame de bulldozer.	740 mm
Pelle rétro	3 380 mm

Voie (entre centres des chaînes) 1 420 mm

Garde au sol 300 mm

Hauteur de la barre d'attelage 350 mm

MARQUAGE DU NUMÉRO DE SÉRIE

PLAQUE PRINCIPALE — Sur le côté extérieur de la plaque droite de l'ensemble cloison pare-feu.

TRACTEUR — Au sommet du carter de couple conique, sous le siège.

MOTEUR — Sur le côté supérieur gauche arrière du bloc-cylindres.

TRANSMISSION — Sur la transmission.

BULLDOZER — Sur le côté droit de la face arrière de la lame.

RIPPER — Sur le bâti, à l'arrière à droite.

PELLE RÉTRO :

 MODÈLE AXIAL — A l'avant et à gauche du pivot supérieur.

 MODÈLE DÉPORTABLE — Sur la plaque de renforcement.

ESPECIFICACIONES

(SUJETAS A CAMBIO SIN PREVIO AVISO)

Peso de embarque aproximado

Tractor D3B (sin hoja empujadora, retroexcavadora y sistema hidráulico)	4840 kg
Hoja Empujadora 3P	932 kg
Retroexcavadora:	
Pivote fijo	1680 kg
Pivote móvil	1810 kg
Desgarrador (con 3 dientes)	300 kg

DIMENSIONES

Largo:

Tractor D3B (sin hoja empujadora)	2740 mm
Hoja Empujadora 3P	2410 mm
Retroexcavadora	2720 mm
Desgarrador (detrás de la caja de la transmisión)	
Viga levantada	813 mm
Viga baja	643 mm

Ancho:

Tractor D3B (sobre el mando final)	1790 mm
Retroexcavadora	2130 mm
Desgarrador	1580 mm

Alto:

Tractor D3B (sin tubo de escape y ROPS)	1970 mm
Hoja empujadora	744 mm
Retroexcavadora	3380 mm

Trocha (de centro a centro de las cadenas)	1420 mm
Despeje sobre el suelo	300 mm
Alto de la barra de tiro	350 mm

UBICACION DE LAS PLACAS CON EL NUMERO DE SERIE

PLANCHA MAESTRA — En la parte exterior de la plancha del lado derecho del conjunto de la plancha separadora del motor.

PLANCHA DEL TRACTOR — Arriba de la caja de la corona bajo el asiento.

PLANCHA DEL MOTOR — Arriba del lado trasero izquierdo del bloque del motor.

PLANCHA DE LA TRANSMISION — Sobre la transmisión.

PLANCHA DE LA HOJA EMPUJADORA — Sobre el lado derecho de la cara trasera de la vertedera.

PLANCHA DEL DESGARRADOR — Sobre el portador en el lado derecho trasero.

PLANCHA DE LA RETROEXCAVADORA :

PIVOTE FIJO — En frente y a la izquierda del pasador de enganche superior.

PIVOTE MOVIL — Centrado entre los rieles superiores e inferiores en las planchas de refuerzo.

ESPECIFICAÇÕES

(SUJEITAS A ALTERAÇÕES SEM AVISO PRÉVIO)

Peso de embarque (aproximado):

Trator apenas (sem lâmina, escarificador, retroescavadeira e comandos hidráulicos)	4 840 kg
Lâmina 3P	932 kg
Retroescavadeira:	
Suporte fixo	1 680 kg
Deslocamento lateral	1 810 kg
Escarificador (com 3 dentes)	300 kg

DIMENSÕES

Comprimento:

Trator (sem lâmina)	2 740 mm
Lâmina 3P	2 410 mm
Retroescavadeira	2 720 mm
Escarificador (desde a caixa da coroa):	
Levantado	810 mm
Baixado	640 mm

Largura:

Trator (sobre o comando final)	1 790 mm
Retroescavadeira	2 130 mm
Escarificador	1 580 mm

Altura:

Trator (sem tubo de escape e estrutura ROPS)	1 970 mm
Lâmina	744 mm
Retroescavadeira	3 380 mm

Bitola (centro a centro das esteiras)	1 420 mm
Altura livre por baixo	300 mm
Altura da barra de tração	350 mm

SITUAÇÃO DAS PLACAS COM OS NÚMEROS DE SÉRIE

PRINCIPAL: no lado direito do painel traseiro do motor.

MÁQUINA: em cima da caixa da coroa, sob o assento.

MOTOR: no lado esquerdo superior do bloco do motor.

CAIXA DE MUDANÇAS: na caixa de mudanças.

LÂMINA: atrás da lâmina, na direita.

ESCARIFICADOR: atrás da armação de suporte, na direita.

RETROESCAVADEIRA:

 Suporte fixo: na frente do pino superior de engate, à esquerda.

 Deslocamento lateral: entre as barras da placa de reforço.

TECHNISCHE DATEN

(UNVERBINDLICH, ÄNDERUNGEN VORBEHALTEN)

Versandgewicht, etwa

Kettendozer D3B (ohne Planierschild, Aufreißer, Tieflöffel und Hydraulikanlage)	4 840 kg
Planiereinrichtung 3P	930 kg
Tieflöffel:	
Starrer Anbau	1 680 kg
Verstellbarer Anbau	1 810 kg
Aufreißer (mit 3 Zähnen)	300 kg

ABMESSUNGEN

Länge:

Kettendozer D3B (ohne Planierschild)	2 740 mm
Planiereinrichtung 3P	2 410 mm
Tieflöffel	2 720 mm
Aufreißer (hinter dem Getriebegehäuse):	
Angehoben	810 mm
Gesenkt	640 mm

Breite:

Kettendozer D3B (Außenkante Seitenantrieb)	1 790 mm
Tieflöffel	2 130 mm
Aufreißer	1 580 mm

Höhe:

Kettendozer D3B (ohne Auspuff und Überrollschutz)	1 970 mm
Planierschild	740 mm
Tieflöffel	3 380 mm

Spurweite	1 420 mm
Bodenfreiheit	300 mm
Zugbalkenhöhe	350 mm

LAGE DER SERIENNUMMERNSCHILDER

SAMMELSCHILD – Rechts außen an der Feuerschutzwand.

MASCHINE – Oben am Tellerradgehäuse unter dem Fahrersitz.

MOTOR – Oben links an der Rückseite des Motorblocks.

GETRIEBE – Am Getriebegehäuse.

PLANIERSCHILD – Rechts rückwärts am Schild.

AUFREISSER – Rechts rückwärts am Träger.

TIEFLÖFFEL:

 Starrer Anbau – Vorne links neben dem oberen Anbauzapfen.

 Verstellbarer Anbau – An der Verstärkungsplatte zwischen den Schienen.